

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081961.D
 Acq On : 01 May 2024 17:02
 Operator : JC\MD
 Sample : P2306-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20240429MSD

Quant Time: May 02 01:46:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	176452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142878	47.977	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.960%		
35) Dibromofluoromethane	8.165	113	102311	48.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	10.571	98	436471	52.574	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.140%		
62) 4-Bromofluorobenzene	12.847	95	155075	47.253	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	94.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	118579	47.873	ug/l	100
3) Chloromethane	2.359	50	127033	49.161	ug/l	99
4) Vinyl Chloride	2.512	62	119972	51.290	ug/l	96
5) Bromomethane	2.953	94	53355	54.028	ug/l	92
6) Chloroethane	3.118	64	68351	57.816	ug/l #	89
7) Trichlorofluoromethane	3.495	101	170915	47.235	ug/l	95
8) Diethyl Ether	3.959	74	83605	54.393	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	112661	53.629	ug/l	93
10) Methyl Iodide	4.583	142	110523	60.068	ug/l	92
11) Tert butyl alcohol	5.518	59	123060	227.308	ug/l	100
12) 1,1-Dichloroethene	4.342	96	114192	53.432	ug/l	89
13) Acrolein	4.177	56	104483	247.314	ug/l	97
14) Allyl chloride	5.018	41	205836	45.533	ug/l	90
15) Acrylonitrile	5.718	53	343388	264.147	ug/l	98
16) Acetone	4.424	43	236778	269.293	ug/l	99
17) Carbon Disulfide	4.712	76	305595	47.575	ug/l	100
18) Methyl Acetate	5.024	43	153736	50.966	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	417652	51.790	ug/l	91
20) Methylene Chloride	5.277	84	134523	52.710	ug/l #	87
21) trans-1,2-Dichloroethene	5.783	96	116306	49.913	ug/l #	82
22) Diisopropyl ether	6.671	45	465269	53.188	ug/l	95
23) Vinyl Acetate	6.606	43	1804396	253.868	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	249385	54.773	ug/l	98
25) 2-Butanone	7.483	43	428536	253.532	ug/l	89
26) 2,2-Dichloropropane	7.494	77	186286	44.477	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	151019	55.463	ug/l	89
28) Bromochloromethane	7.818	49	114361	52.848	ug/l #	77
29) Tetrahydrofuran	7.835	42	305447	251.997	ug/l	89
30) Chloroform	7.965	83	233990	51.847	ug/l	98
31) Cyclohexane	8.253	56	219491	48.925	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	192276	47.774	ug/l	93
36) 1,1-Dichloropropene	8.371	75	167519	48.712	ug/l	97
37) Ethyl Acetate	7.559	43	188764	50.767	ug/l	97
38) Carbon Tetrachloride	8.365	117	152881	45.485	ug/l	96
39) Methylcyclohexane	9.600	83	205546	49.214	ug/l #	86
40) Benzene	8.606	78	549977	53.274	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	108104	45.565	ug/l	92
42) 1,2-Dichloroethane	8.671	62	179581	46.845	ug/l	98
43) Isopropyl Acetate	8.688	43	341952	48.910	ug/l	94
44) Trichloroethene	9.353	130	134613	56.556	ug/l	99
45) 1,2-Dichloropropane	9.624	63	143494	53.111	ug/l	99
46) Dibromomethane	9.712	93	91347	48.916	ug/l	91
47) Bromodichloromethane	9.888	83	189789	48.191	ug/l	97
48) Methyl methacrylate	9.682	41	152977	45.835	ug/l	92
49) 1,4-Dioxane	9.694	88	53075	1046.261	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	981983	249.502	ug/l	96
52) Toluene	10.629	92	327692	53.004	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	205312	47.911	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	219144	49.619	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	122255	50.281	ug/l	97
56) Ethyl methacrylate	10.876	69	228716	49.400	ug/l	87
57) 1,3-Dichloropropane	11.165	76	225660	52.203	ug/l	99
59) 2-Hexanone	11.200	43	729088	248.920	ug/l	96
60) Dibromochloromethane	11.359	129	130205	50.560	ug/l	98
61) 1,2-Dibromoethane	11.471	107	119732	51.494	ug/l	98
64) Tetrachloroethene	11.106	164	99932	44.722	ug/l	97
65) Chlorobenzene	11.894	112	347582	51.734	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	108893	49.870	ug/l	96
67) Ethyl Benzene	11.965	91	626717	50.158	ug/l	98
68) m/p-Xylenes	12.070	106	468317	105.078	ug/l	96
69) o-Xylene	12.400	106	226471	52.048	ug/l	93
70) Styrene	12.412	104	389318	51.721	ug/l	97
71) Bromoform	12.582	173	79101	46.079	ug/l #	99
73) Isopropylbenzene	12.694	105	579636	51.014	ug/l	99
74) N-amyl acetate	12.494	43	308148	48.712	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	176968	51.865	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	162154m	48.938	ug/l	
77) Bromobenzene	12.982	156	121321	51.025	ug/l	74
78) n-propylbenzene	13.035	91	697694	50.552	ug/l	96
79) 2-Chlorotoluene	13.129	91	419315	47.753	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	473641	49.262	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	78369	48.465	ug/l	92
82) 4-Chlorotoluene	13.223	91	416315	48.835	ug/l	95
83) tert-Butylbenzene	13.441	119	395597	49.407	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	469909	48.940	ug/l	99
85) sec-Butylbenzene	13.617	105	580300	51.452	ug/l	97
86) p-Isopropyltoluene	13.729	119	457611	50.531	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	228309	51.462	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	225803	51.685	ug/l	96
89) n-Butylbenzene	14.059	91	426095	50.549	ug/l	96
90) Hexachloroethane	14.335	117	87401	49.061	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	217219	51.075	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35204	42.379	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	116320	48.887	ug/l	99
94) Hexachlorobutadiene	15.506	225	38101	43.445	ug/l	95
95) Naphthalene	15.641	128	444231	49.409	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	113892	49.856	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

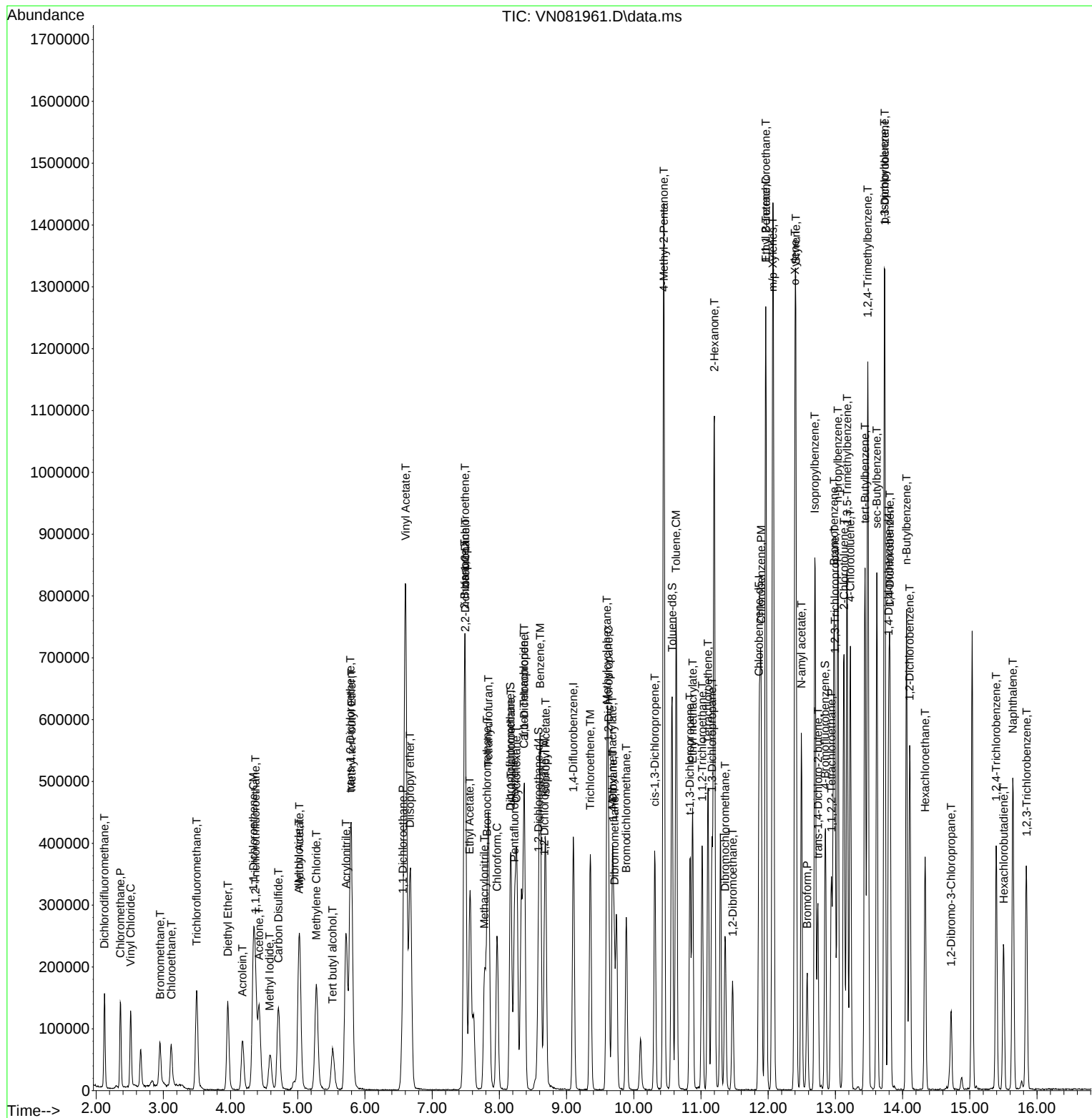
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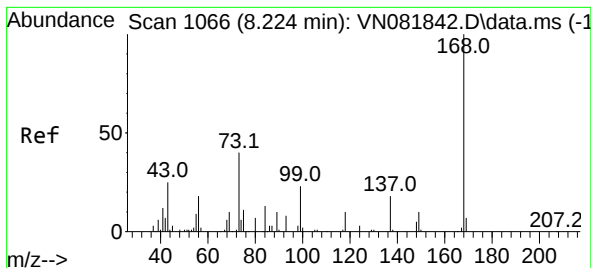
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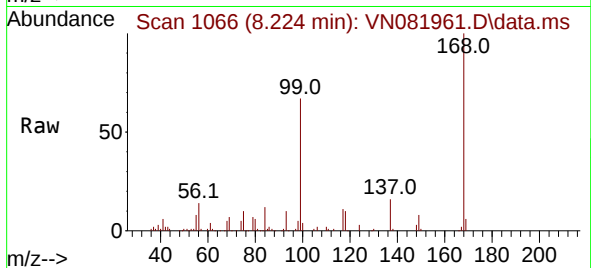
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081961.D
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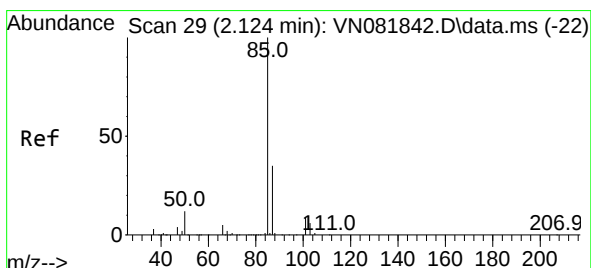
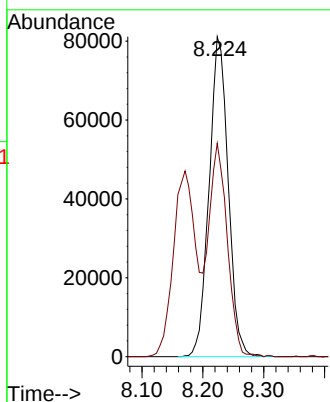
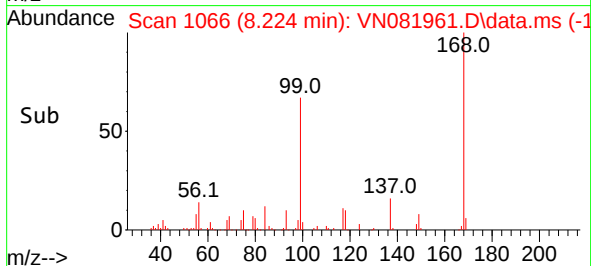
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:168 Resp: 176452
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4

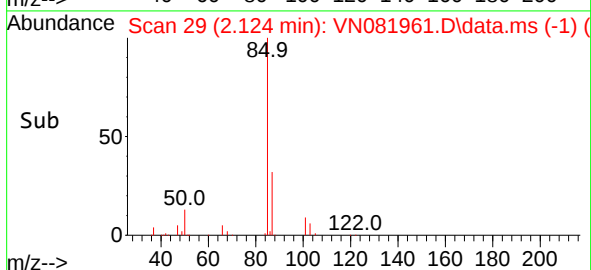
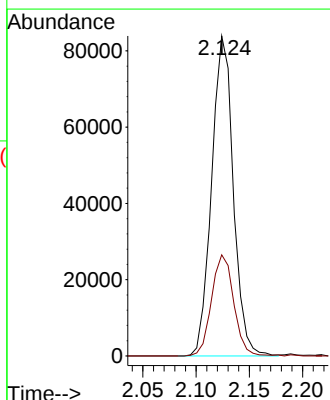
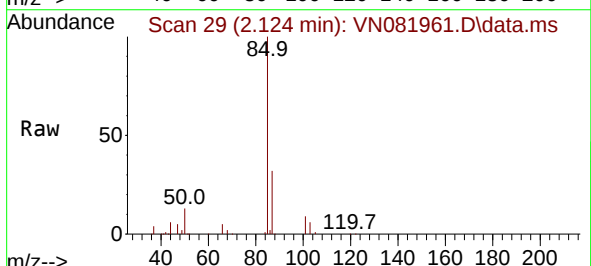
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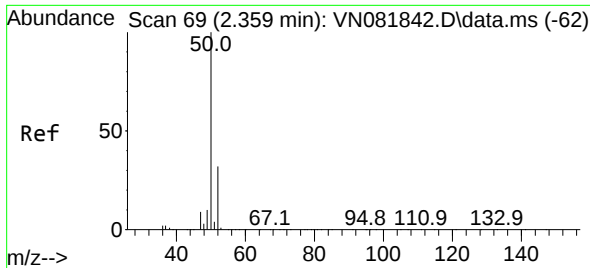
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#2
Dichlorodifluoromethane
Concen: 47.873 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

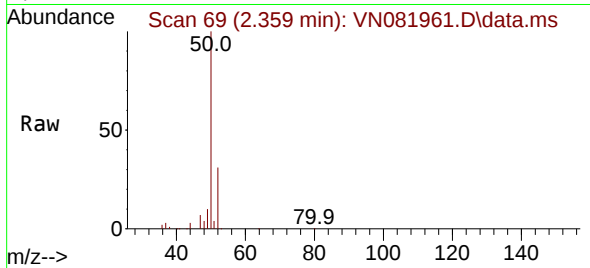
Tgt Ion: 85 Resp: 118579
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3
Chloromethane
Concen: 49.161 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

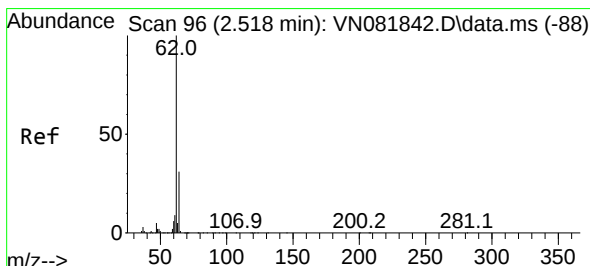
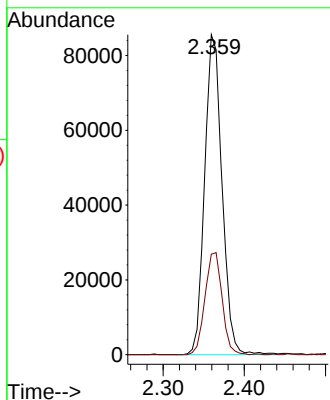
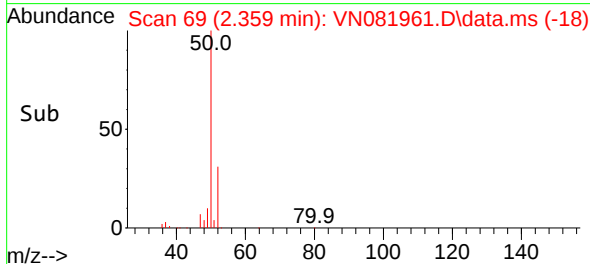
Instrument :
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Tgt Ion: 50 Resp: 127033
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

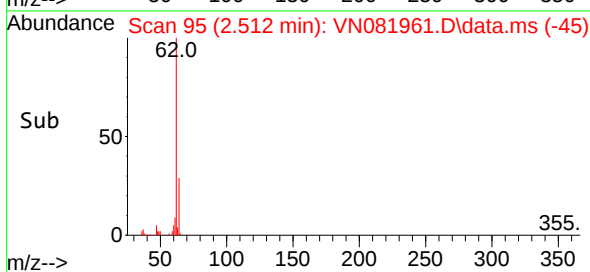
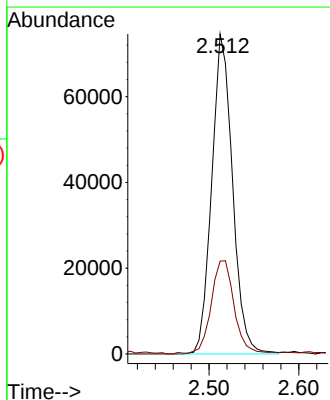
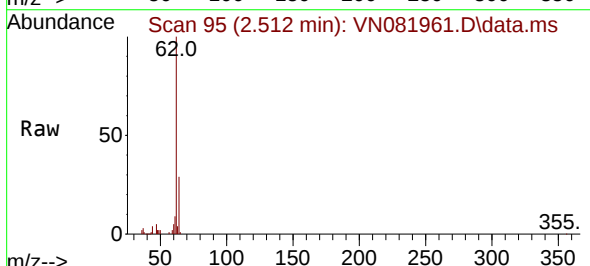
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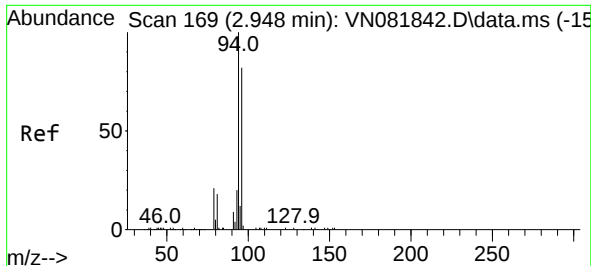
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#4
Vinyl Chloride
Concen: 51.290 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

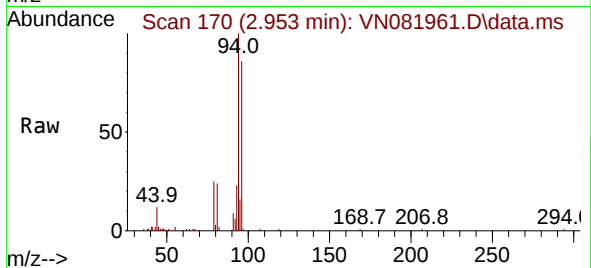
Tgt Ion: 62 Resp: 119972
Ion Ratio Lower Upper
62 100
64 28.6 24.6 37.0





#5
Bromomethane
Concen: 54.028 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

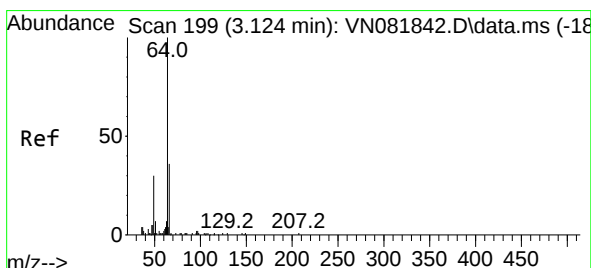
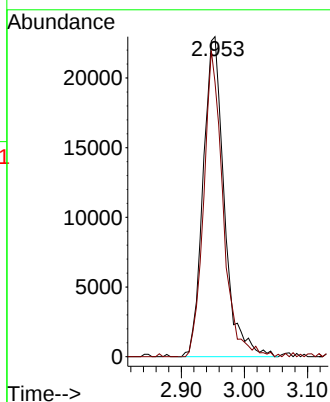
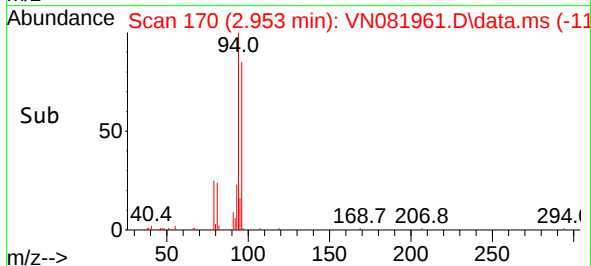
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Tgt Ion: 94 Resp: 5335
Ion Ratio Lower Upper
94 100
96 85.8 74.8 112.2

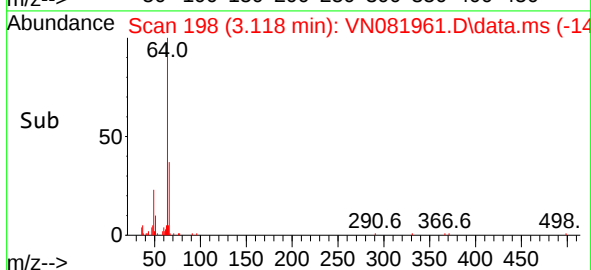
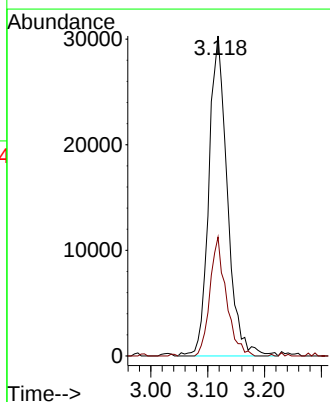
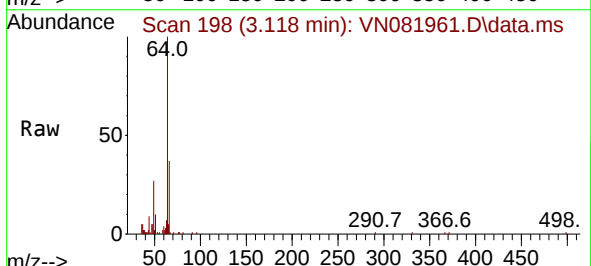
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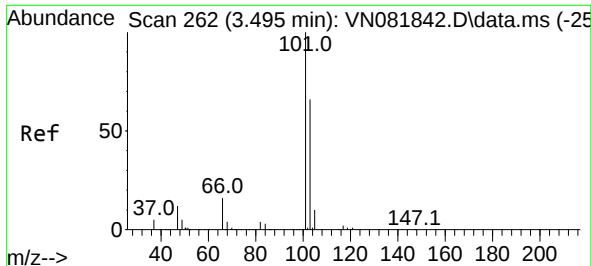
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#6
Chloroethane
Concen: 57.816 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Tgt Ion: 64 Resp: 68351
Ion Ratio Lower Upper
64 100
66 37.2 24.7 37.1#





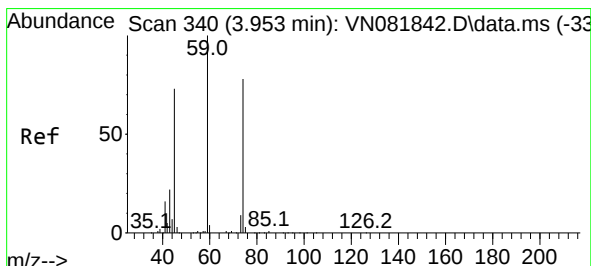
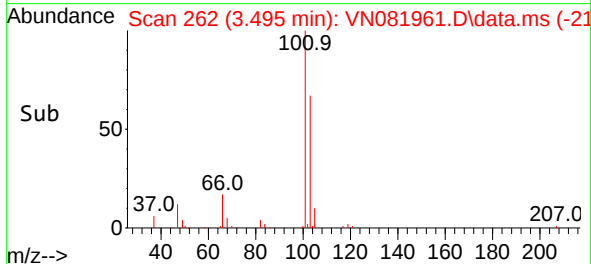
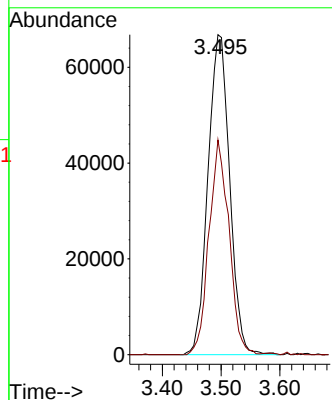
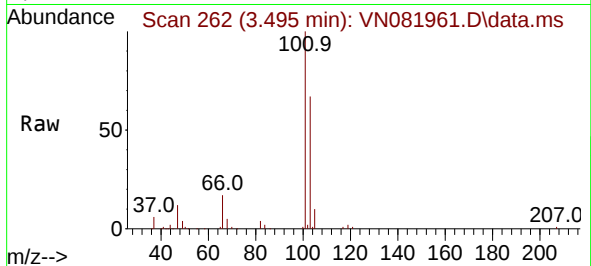
#7
Trichlorofluoromethane
Concen: 47.235 ug/l
RT: 3.495 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN081961.D
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Tgt Ion:101 Resp: 170915
Ion Ratio Lower Upper
101 100
103 67.1 50.6 75.8

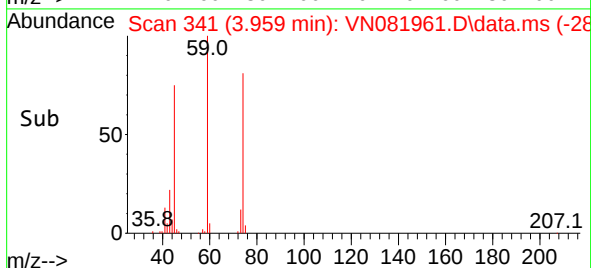
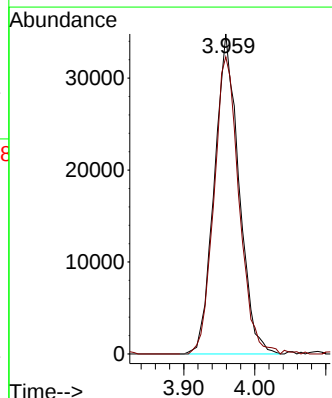
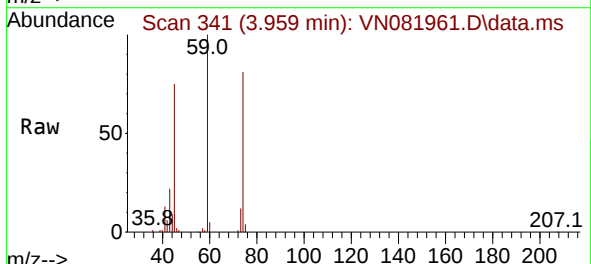
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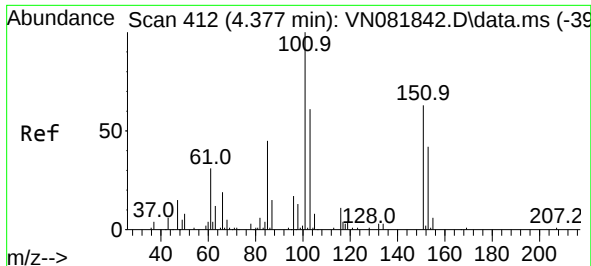
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Supervised By :Semsettin Yesilyurt 05/02/2024



#8
Diethyl Ether
Concen: 54.393 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Tgt Ion: 74 Resp: 83605
Ion Ratio Lower Upper
74 100
45 94.5 42.4 127.3





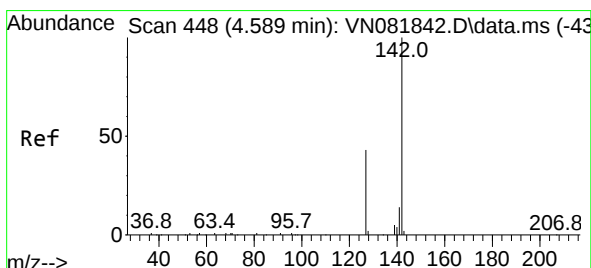
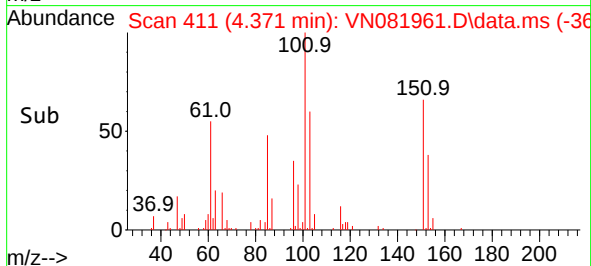
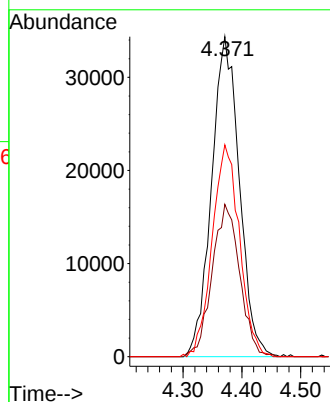
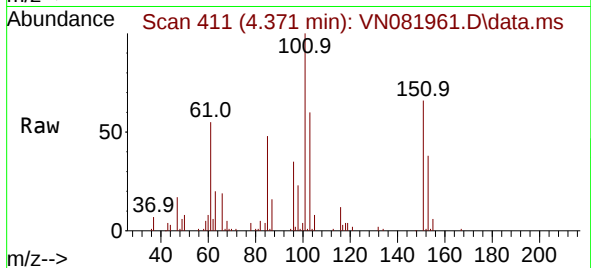
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.629 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD

Tgt Ion:101 Resp: 11266
Ion Ratio Lower Upper
101 100
85 47.3 37.3 55.9
151 65.1 59.2 88.8

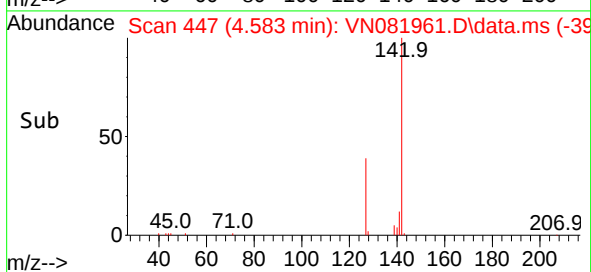
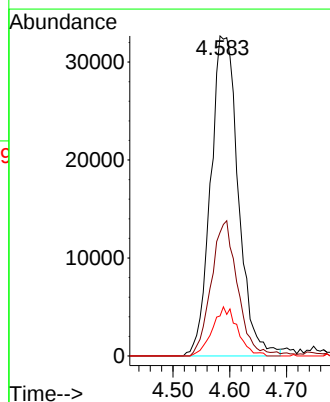
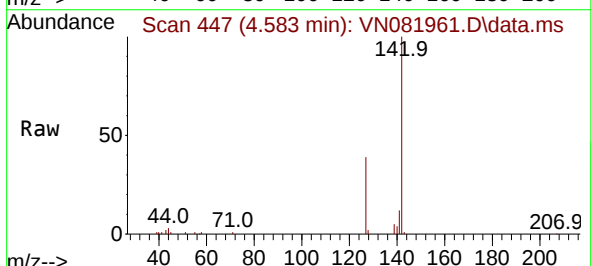
Manual Integrations
APPROVED

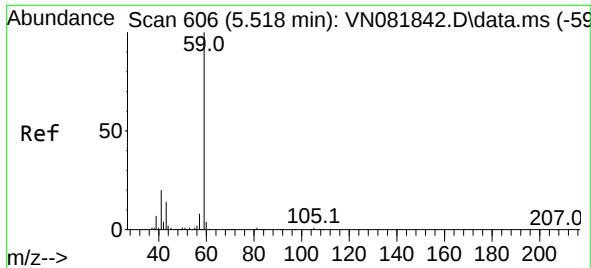
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#10
Methyl Iodide
Concen: 60.068 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

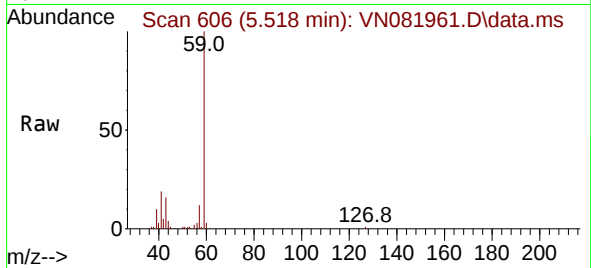
Tgt Ion:142 Resp: 110523
Ion Ratio Lower Upper
142 100
127 38.6 35.8 53.6
141 12.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 227.308 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

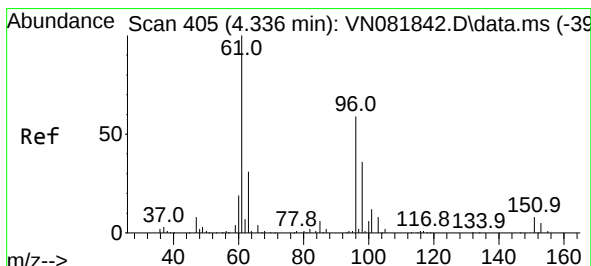
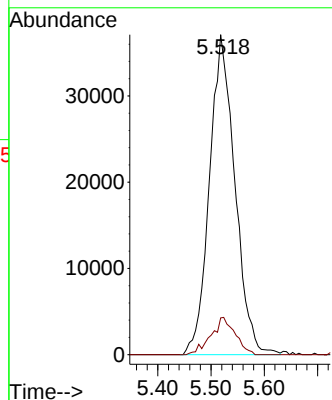
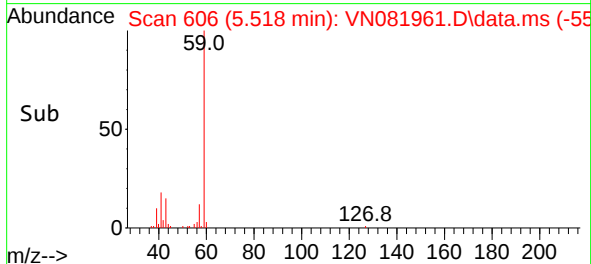
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



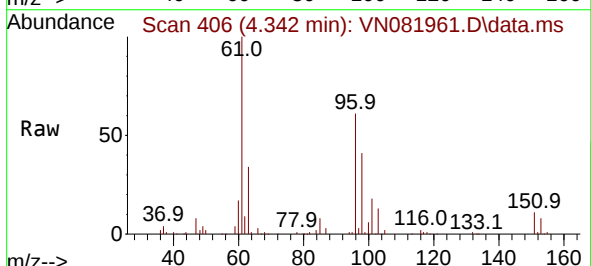
Tgt Ion: 59 Resp: 123060
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

Manual Integrations
APPROVED

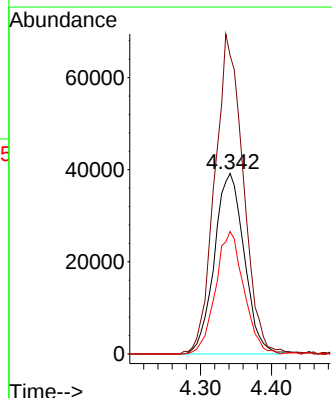
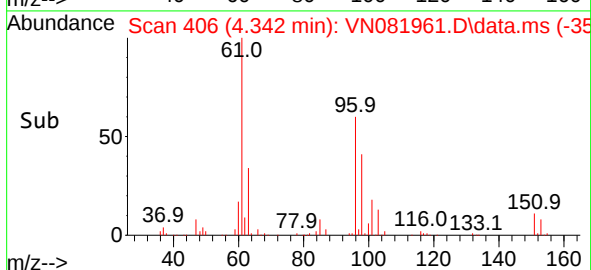
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

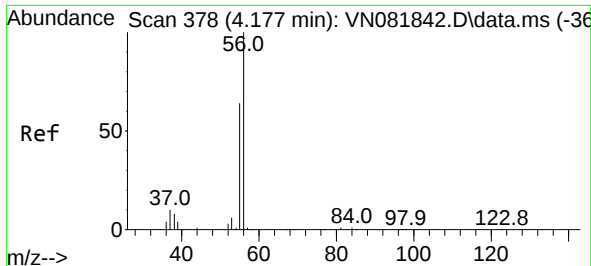


#12
1,1-Dichloroethene
Concen: 53.432 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



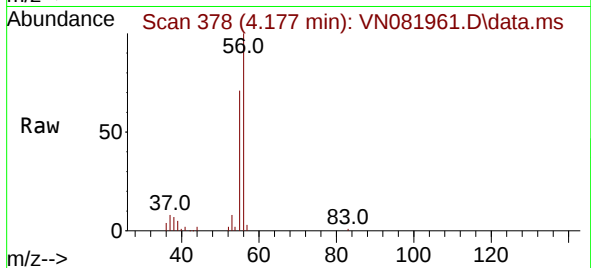
Tgt Ion: 96 Resp: 114192
Ion Ratio Lower Upper
96 100
61 165.3 119.7 179.5
98 67.8 49.6 74.4





#13
Acrolein
Concen: 247.314 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

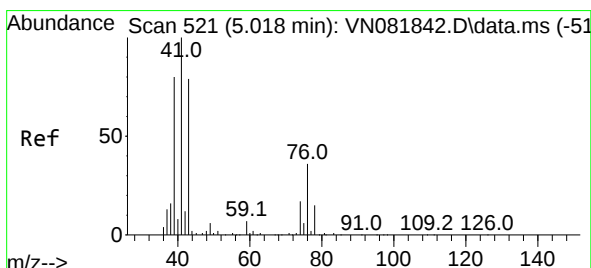
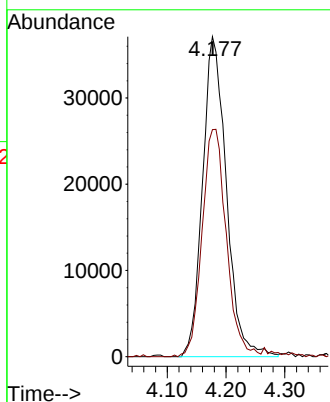
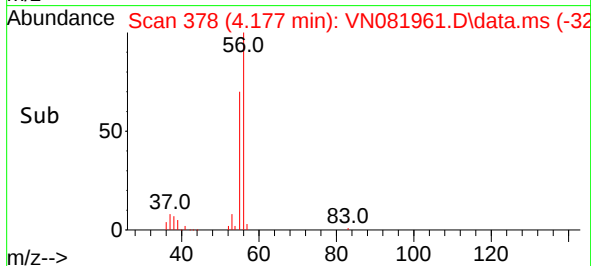
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 56 Resp: 10448
Ion Ratio Lower Upper
56 100
55 72.1 55.8 83.8

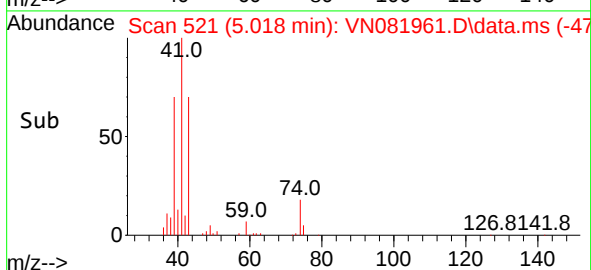
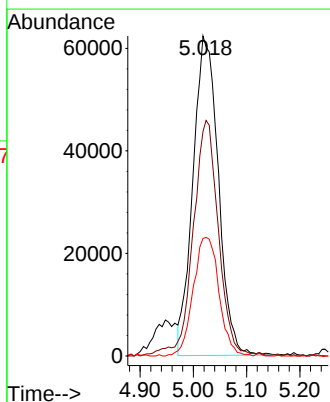
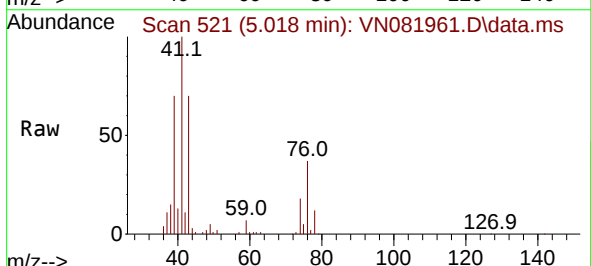
Manual Integrations
APPROVED

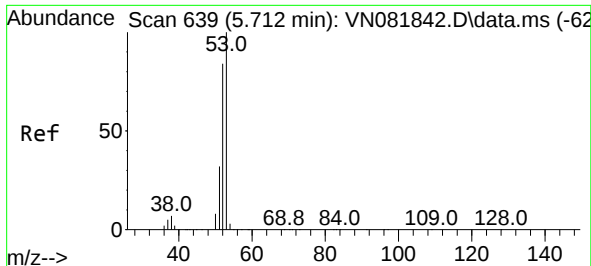
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#14
Allyl chloride
Concen: 45.533 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

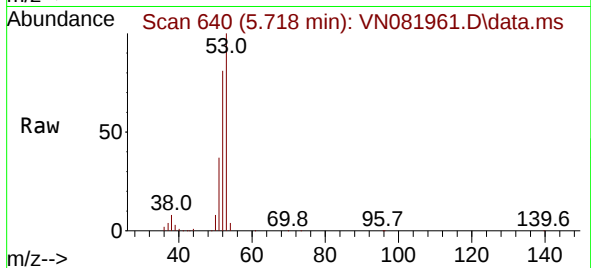
Tgt Ion: 41 Resp: 205836
Ion Ratio Lower Upper
41 100
39 73.9 65.4 98.0
76 37.7 37.3 55.9





#15
Acrylonitrile
Concen: 264.147 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

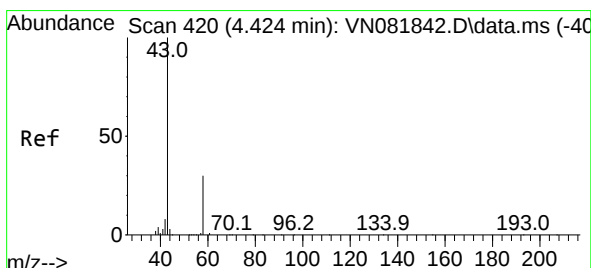
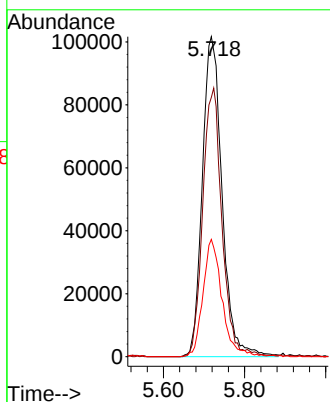
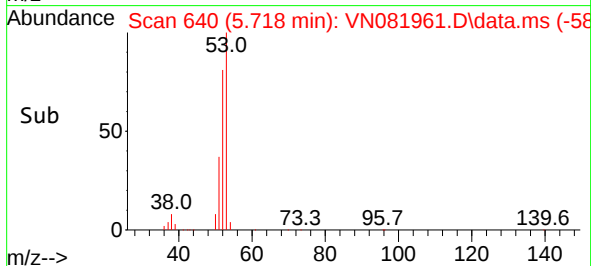
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 53 Resp: 34338
Ion Ratio Lower Upper
53 100
52 81.6 66.1 99.1
51 35.4 29.4 44.2

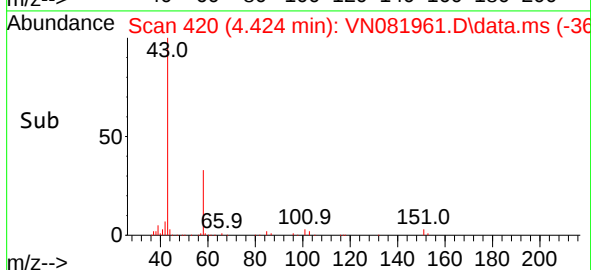
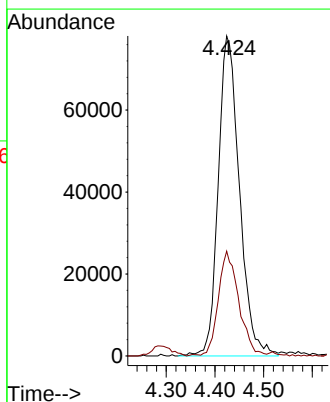
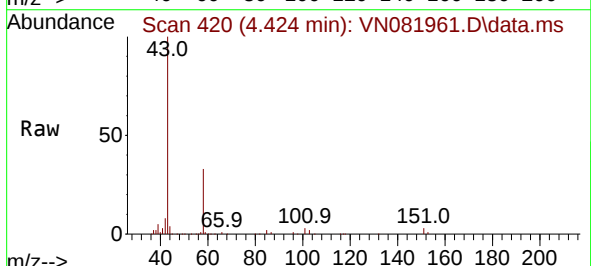
Manual Integrations
APPROVED

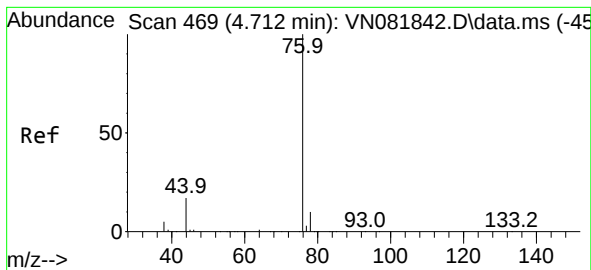
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#16
Acetone
Concen: 269.293 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Tgt Ion: 43 Resp: 236778
Ion Ratio Lower Upper
43 100
58 32.3 25.2 37.8





#17

Carbon Disulfide

Concen: 47.575 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20240429MSD

Tgt Ion: 76 Resp: 30559

Ion Ratio Lower Upper

76 100

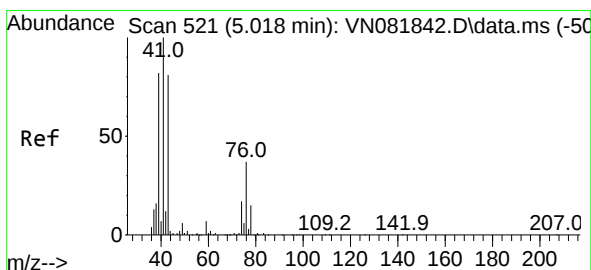
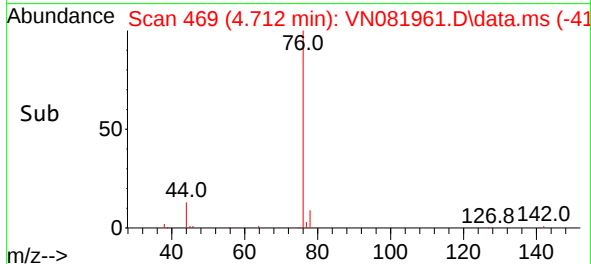
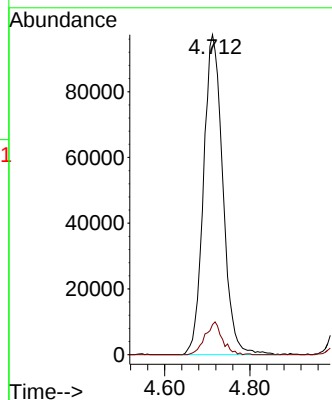
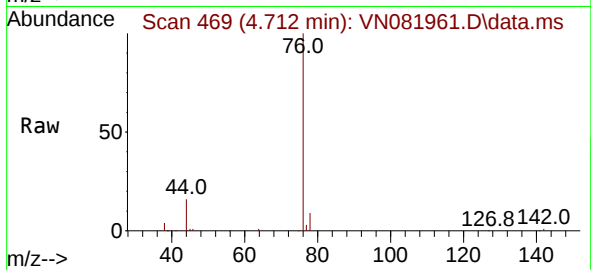
78 9.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#18

Methyl Acetate

Concen: 50.966 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081961.D

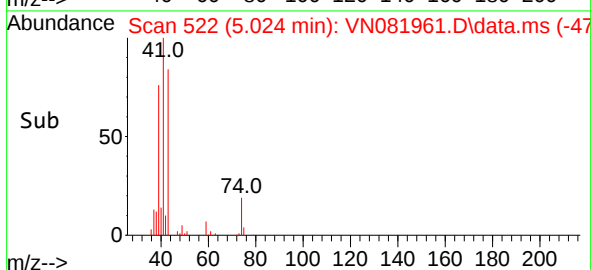
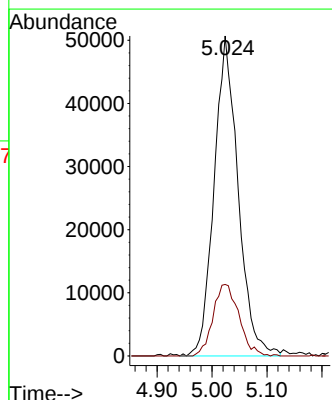
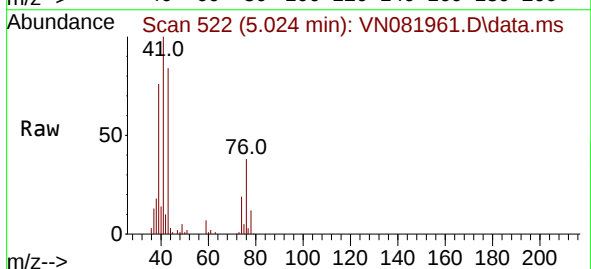
Acq: 01 May 2024 17:02

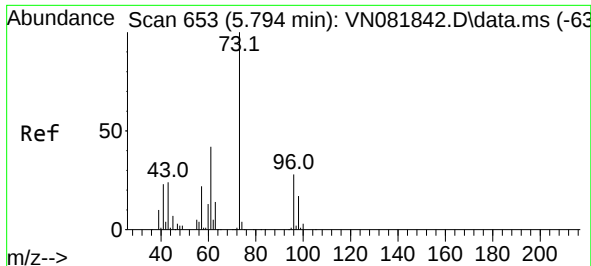
Tgt Ion: 43 Resp: 153736

Ion Ratio Lower Upper

43 100

74 24.1 22.2 33.2





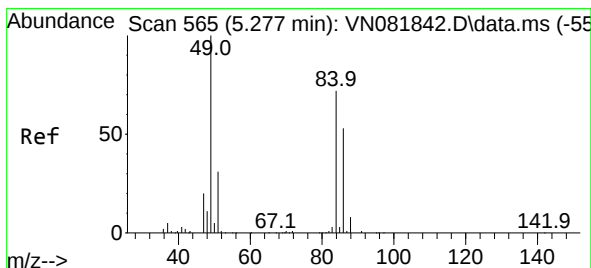
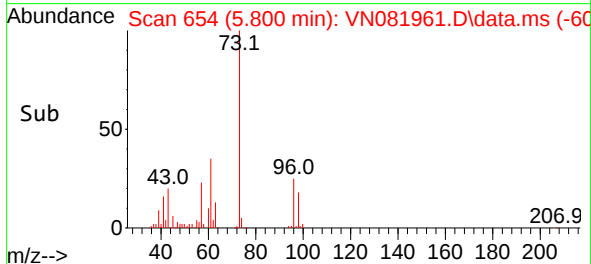
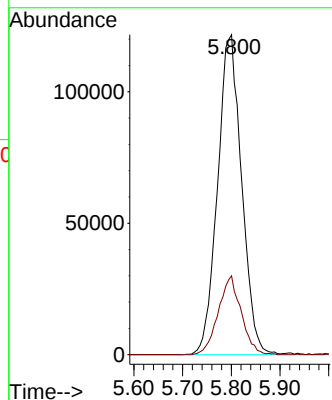
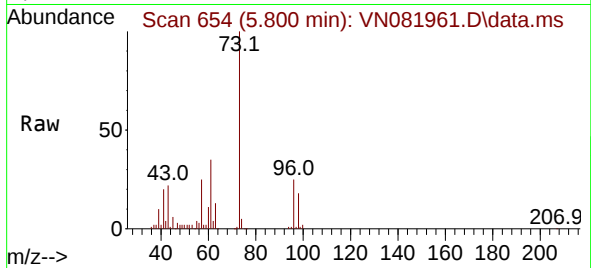
#19
Methyl tert-butyl Ether
Concen: 51.790 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD

Tgt Ion: 73 Resp: 417652
Ion Ratio Lower Upper
73 100
57 24.7 16.5 24.7

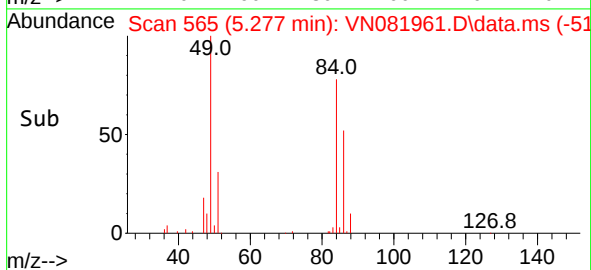
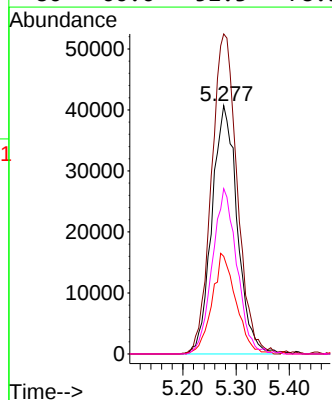
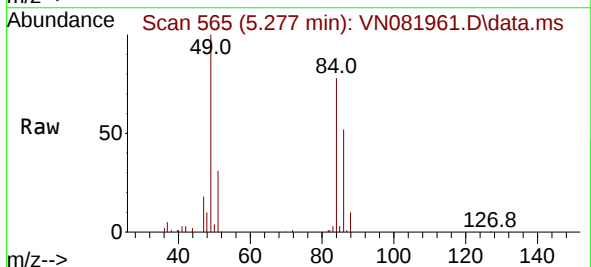
Manual Integrations
APPROVED

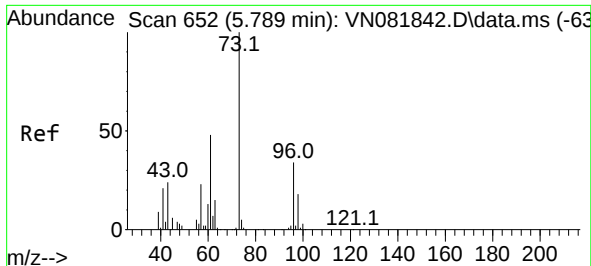
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#20
Methylene Chloride
Concen: 52.710 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

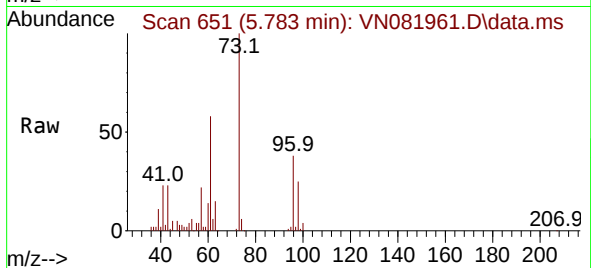
Tgt Ion: 84 Resp: 134523
Ion Ratio Lower Upper
84 100
49 128.8 84.9 127.3#
51 39.3 27.0 40.6
86 66.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.913 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

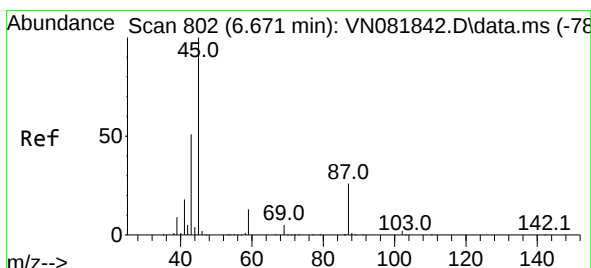
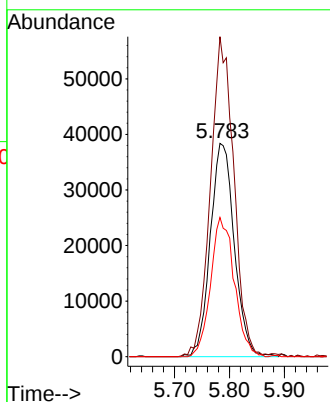
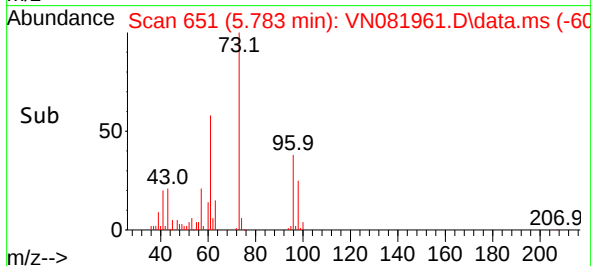
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 96 Resp: 116300
Ion Ratio Lower Upper
96 100
61 150.0 96.5 144.7
98 65.3 51.3 76.9

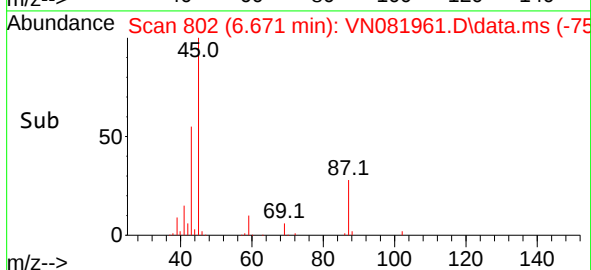
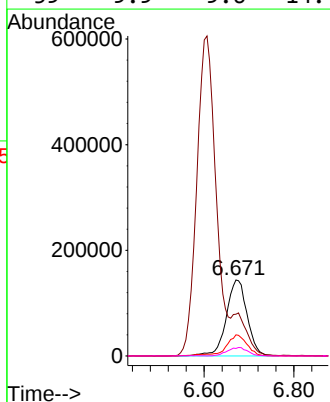
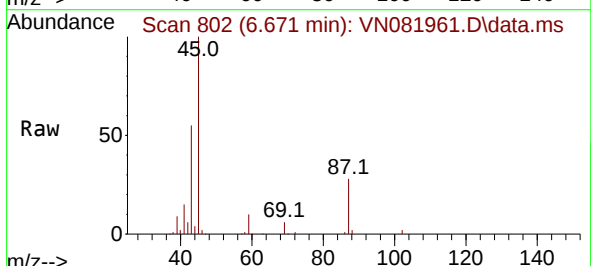
Manual Integrations
APPROVED

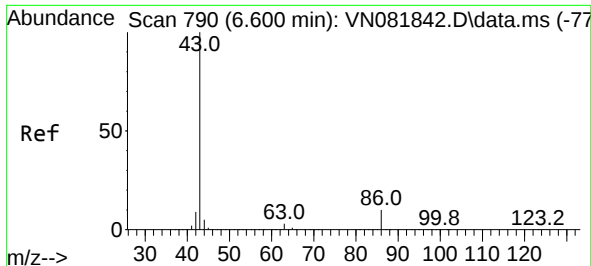
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#22
Diisopropyl ether
Concen: 53.188 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

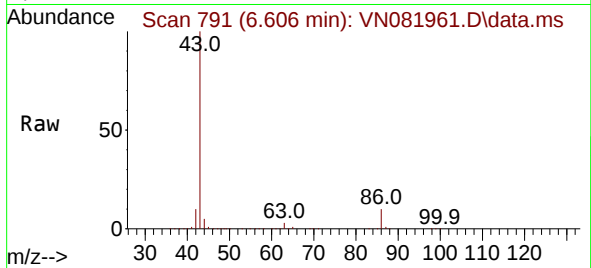
Tgt Ion: 45 Resp: 465269
Ion Ratio Lower Upper
45 100
43 54.3 44.1 66.1
87 27.6 27.0 40.6
59 9.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 253.868 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081961.D
 Acq: 01 May 2024 17:02

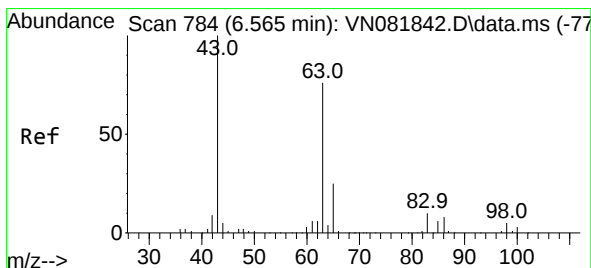
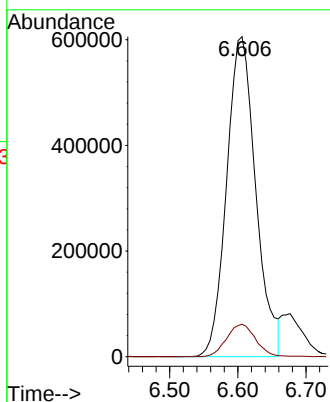
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20240429MSD



Tgt Ion: 43 Resp: 1804390
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.2 15.4

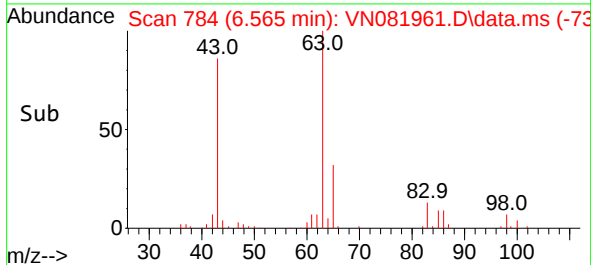
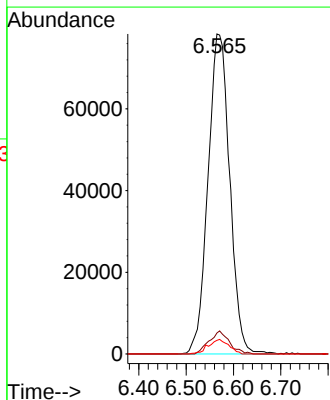
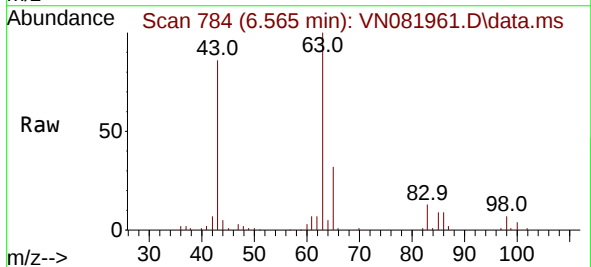
Manual Integrations
 APPROVED

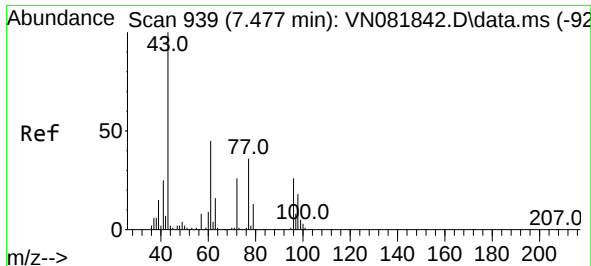
Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024



#24
 1,1-Dichloroethane
 Concen: 54.773 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081961.D
 Acq: 01 May 2024 17:02

Tgt Ion: 63 Resp: 249385
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.2 2.6 7.8





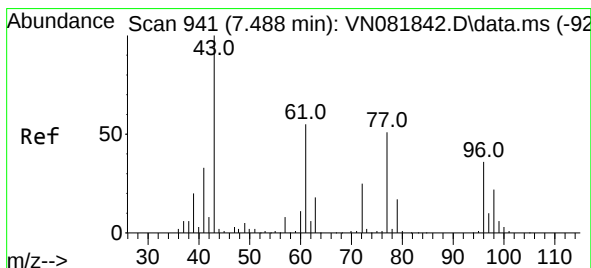
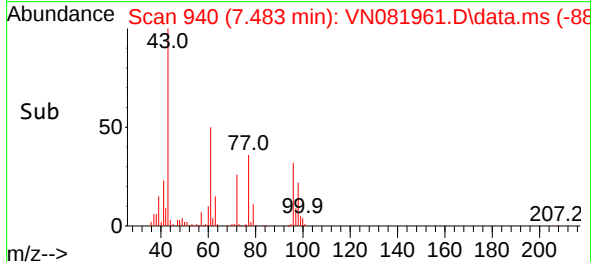
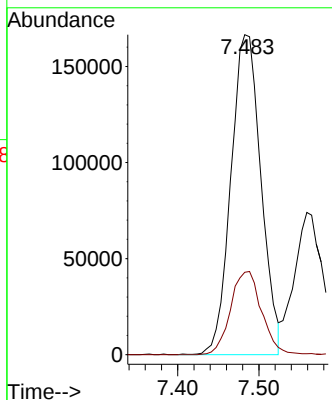
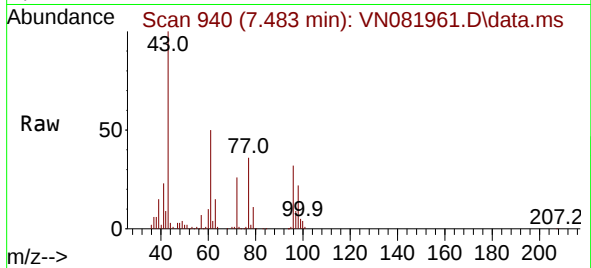
#25
2-Butanone
Concen: 253.532 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD

Tgt Ion: 43 Resp: 428536
Ion Ratio Lower Upper
43 100
72 25.7 25.3 37.9

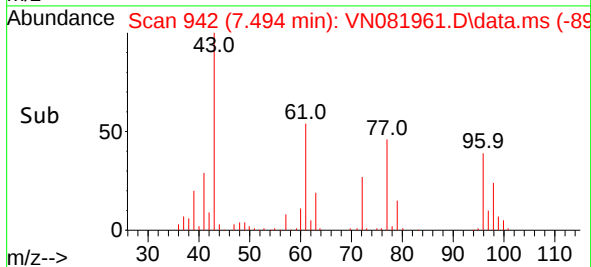
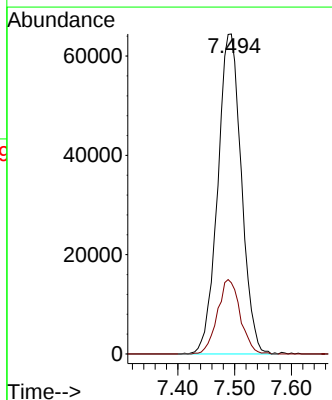
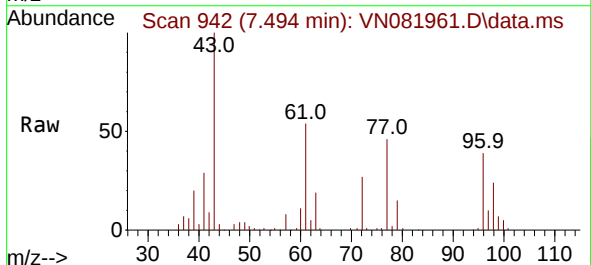
Manual Integrations
APPROVED

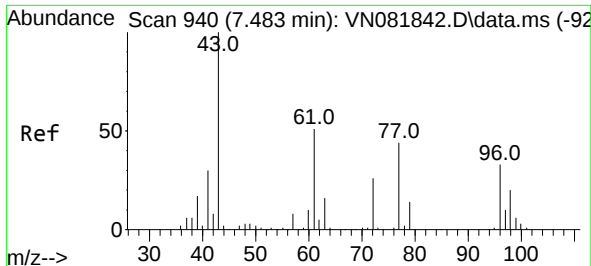
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#26
2,2-Dichloropropane
Concen: 44.477 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

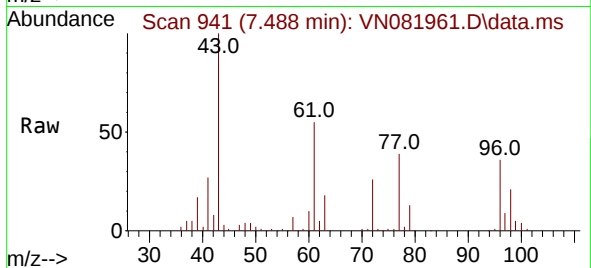
Tgt Ion: 77 Resp: 186286
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 55.463 ug/l
 RT: 7.488 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN081961.D
 Acq: 01 May 2024 17:02

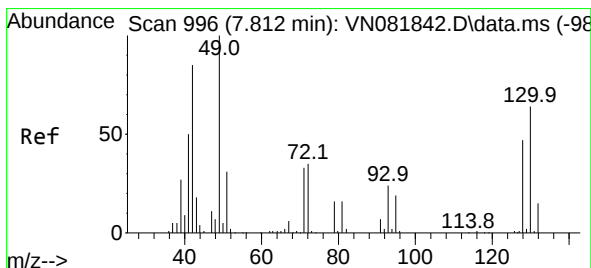
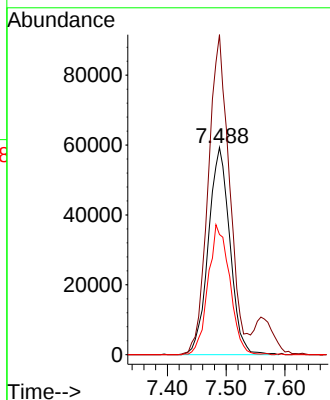
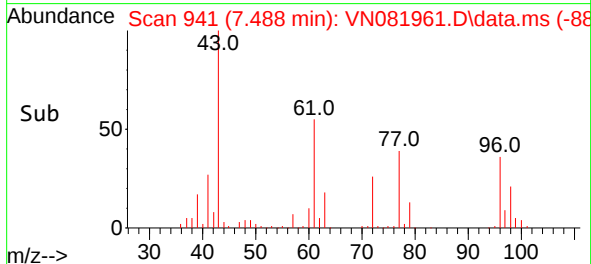
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20240429MSD



Tgt Ion: 96 Resp: 151019
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 268.0
 98 62.8 0.0 126.8

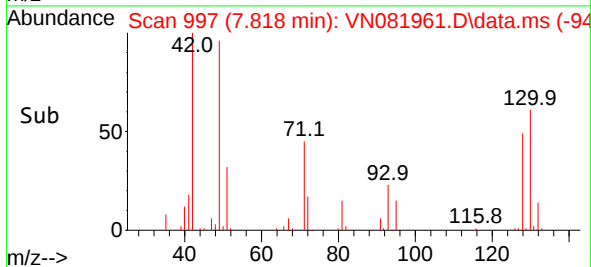
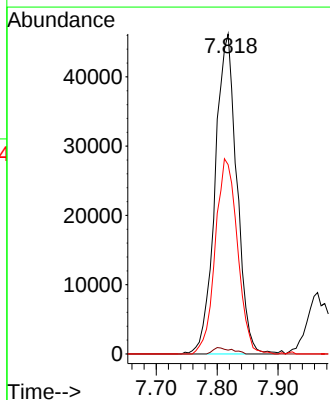
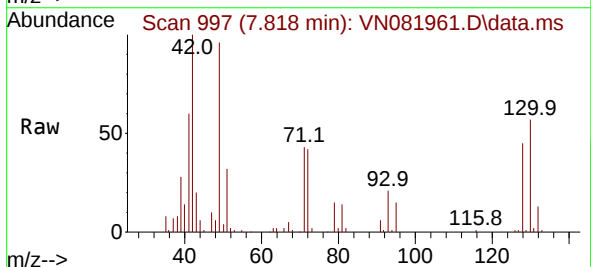
Manual Integrations
 APPROVED

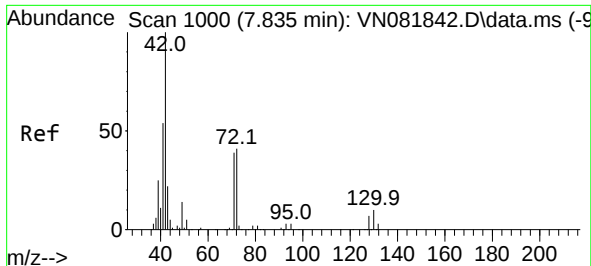
Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024



#28
 Bromochloromethane
 Concen: 52.848 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081961.D
 Acq: 01 May 2024 17:02

Tgt Ion: 49 Resp: 114361
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 62.6 66.7 100.1#





#29

Tetrahydrofuran

Concen: 251.997 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20240429MSD

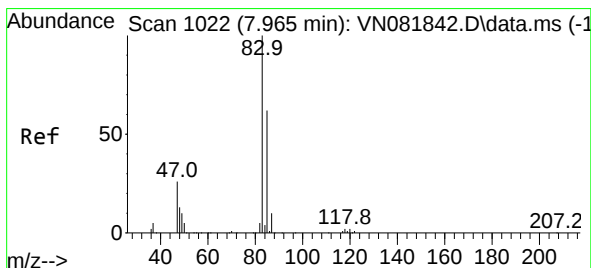
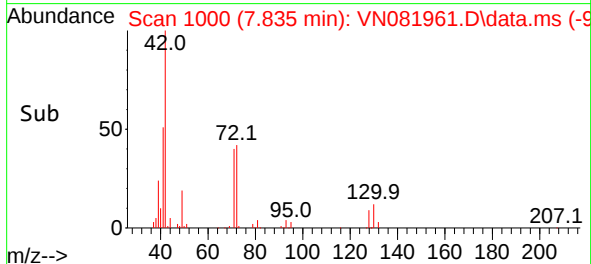
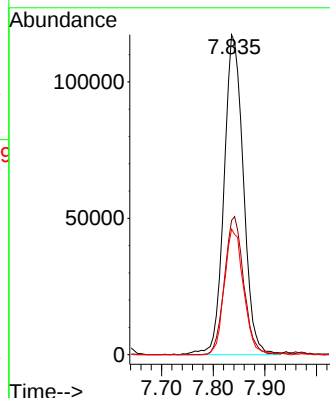
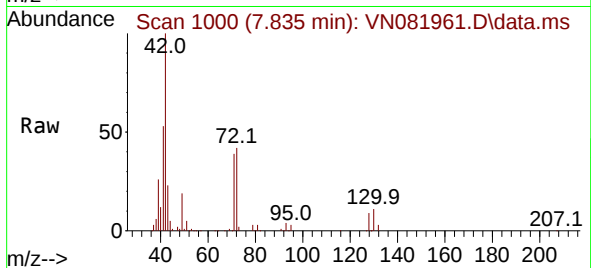
Tgt Ion:	42	Resp:	30544
Ion	Ratio	Lower	Upper
42	100		
72	42.7	39.3	58.9
71	38.9	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#30

Chloroform

Concen: 51.847 ug/l

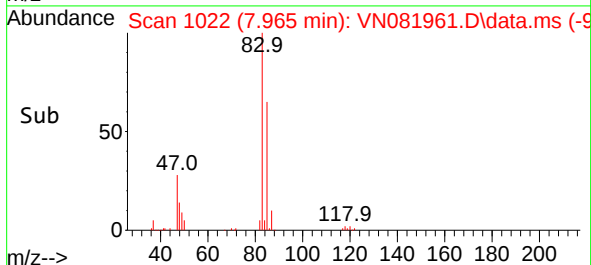
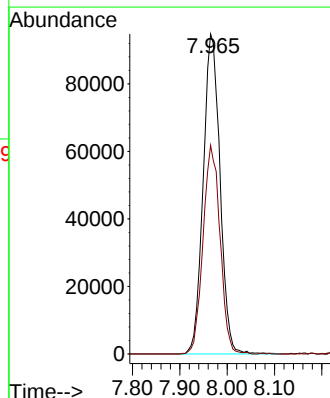
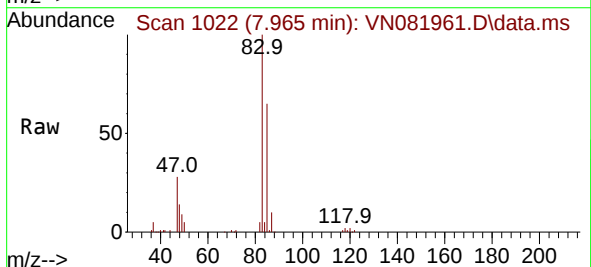
RT: 7.965 min Scan# 1022

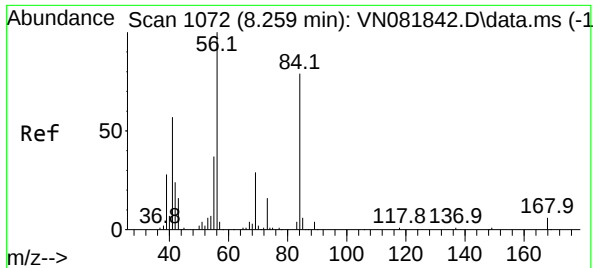
Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

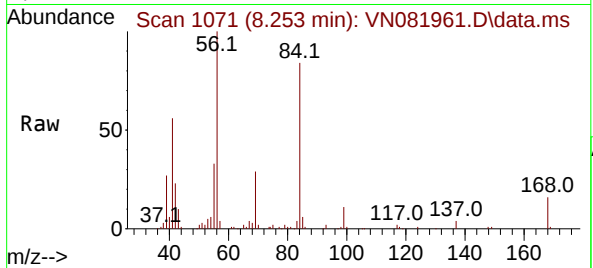
Tgt Ion:	83	Resp:	233990
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1





#31
Cyclohexane
Concen: 48.925 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

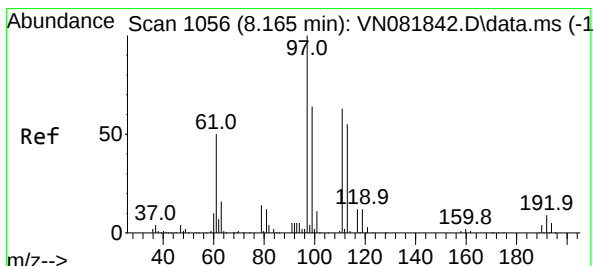
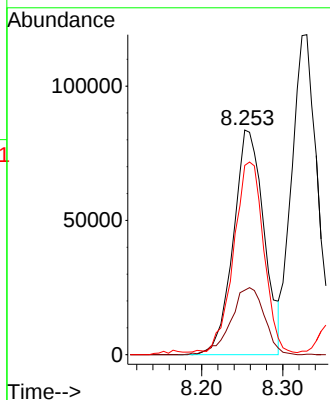
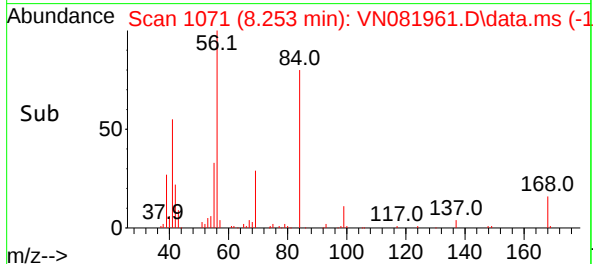
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



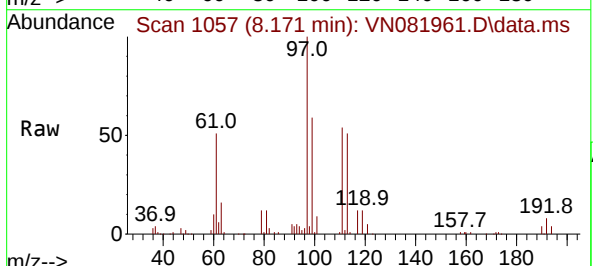
Tgt Ion: 56 Resp: 21949
Ion Ratio Lower Upper
56 100
69 28.5 24.4 36.6
84 82.9 77.0 115.4

Manual Integrations
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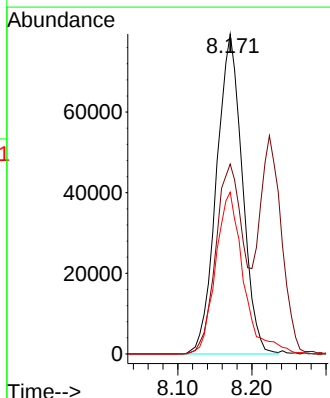
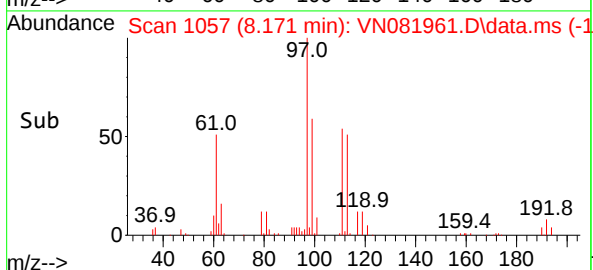
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

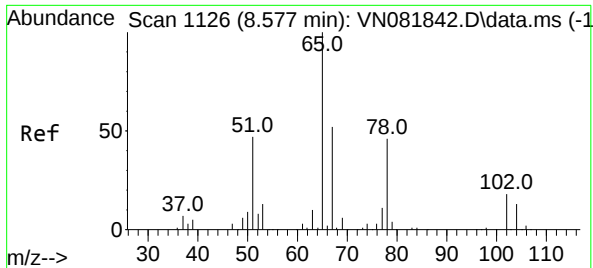


#32
1,1,1-Trichloroethane
Concen: 47.774 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



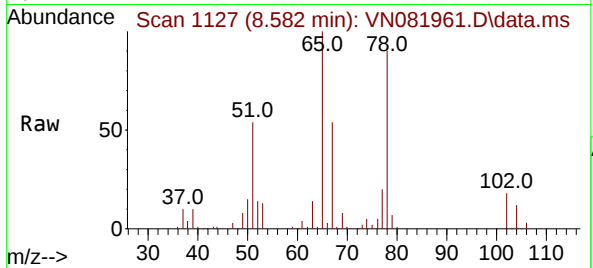
Tgt Ion: 97 Resp: 192276
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 54.6 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 47.977 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

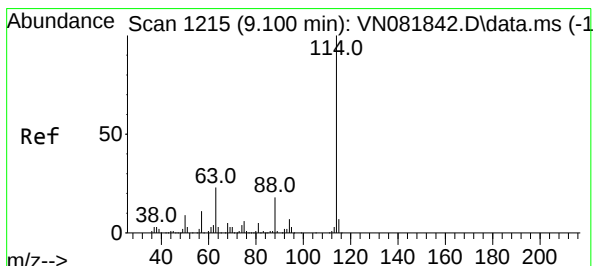
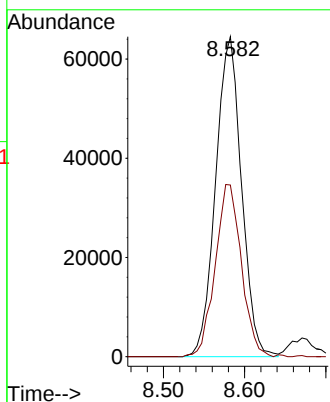
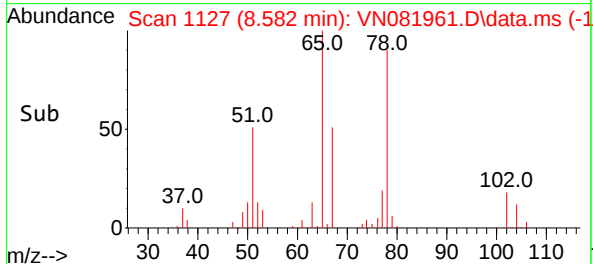
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



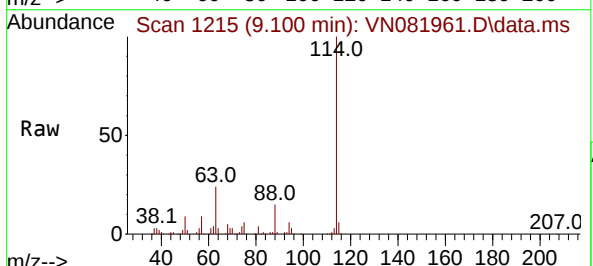
Tgt Ion: 65 Resp: 142878
Ion Ratio Lower Upper
65 100
67 54.3 0.0 103.0

Manual Integrations
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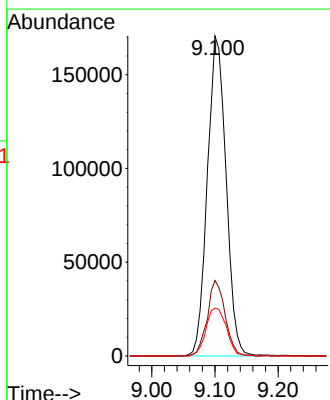
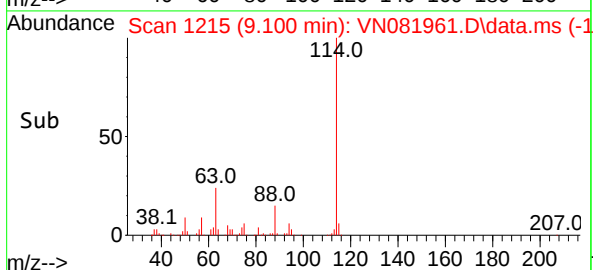
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

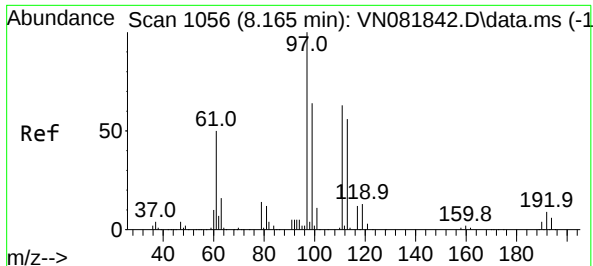


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



Tgt Ion:114 Resp: 351089
Ion Ratio Lower Upper
114 100
63 23.6 0.0 41.0
88 14.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.400 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20240429MSD

Tgt Ion:113 Resp: 10231

Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.2

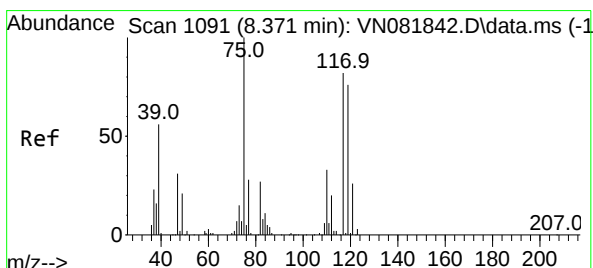
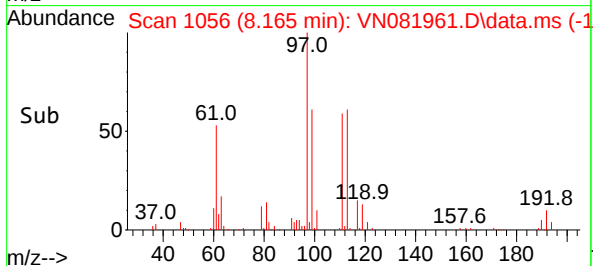
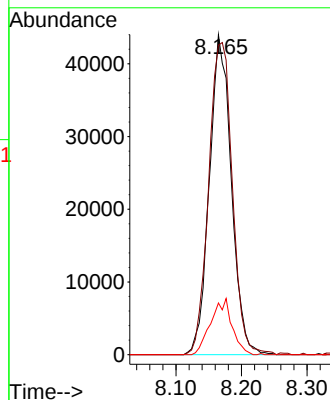
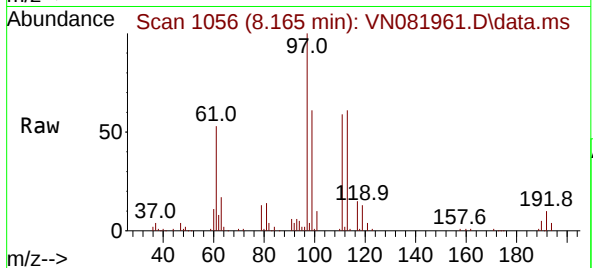
192 17.0 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#36

1,1-Dichloropropene

Concen: 48.712 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

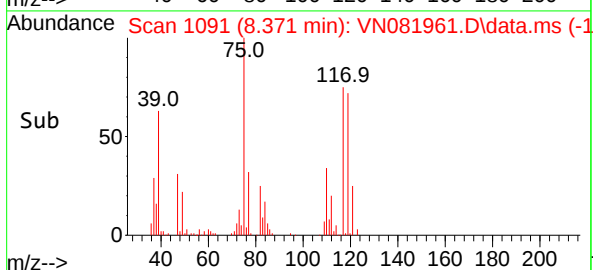
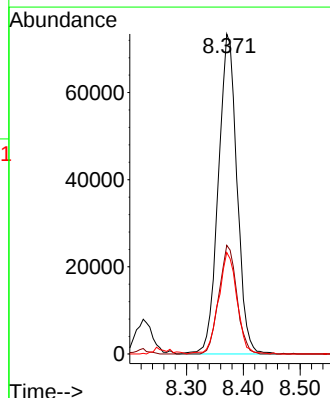
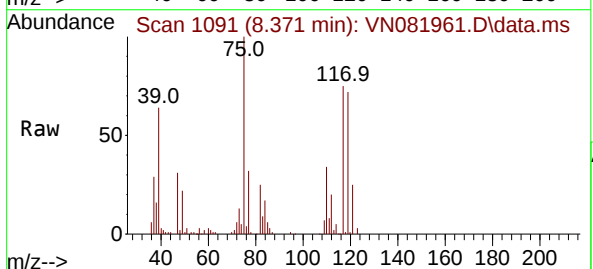
Tgt Ion: 75 Resp: 167519

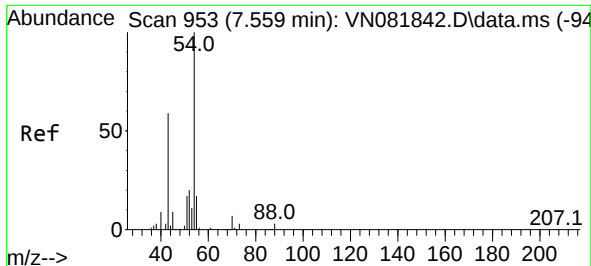
Ion Ratio Lower Upper

75 100

110 32.6 17.8 53.5

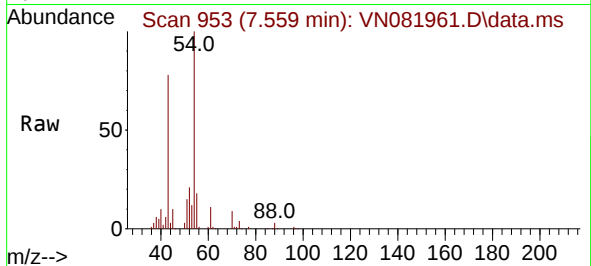
77 31.4 25.0 37.4





#37
Ethyl Acetate
Concen: 50.767 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

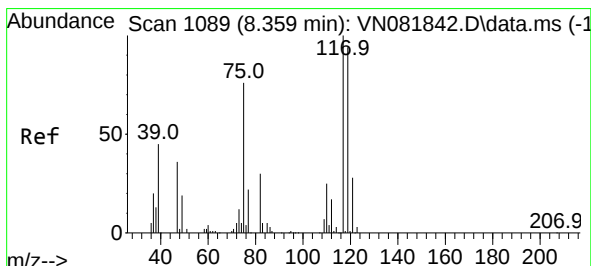
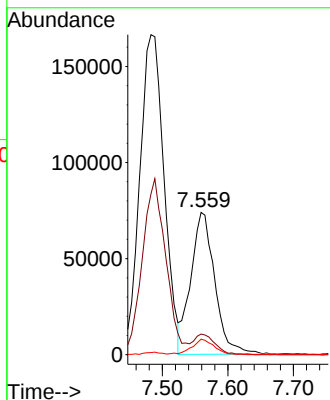
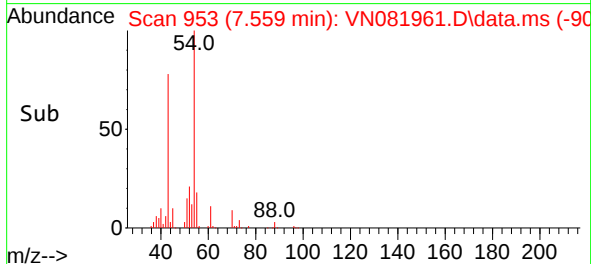
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 43 Resp: 188764
Ion Ratio Lower Upper
43 100
61 12.6 11.3 16.9
70 10.2 8.7 13.1

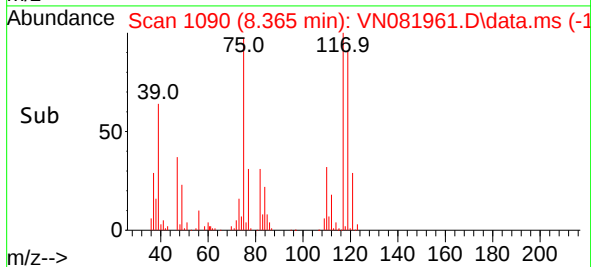
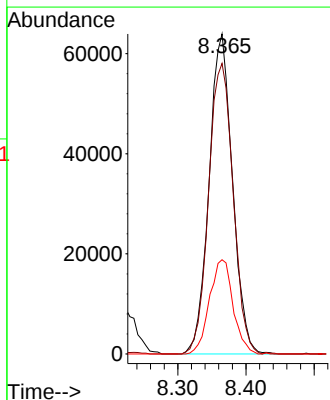
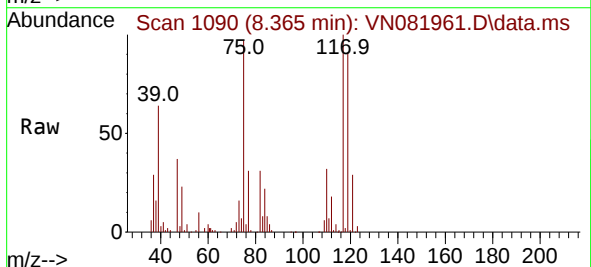
Manual Integrations
APPROVED

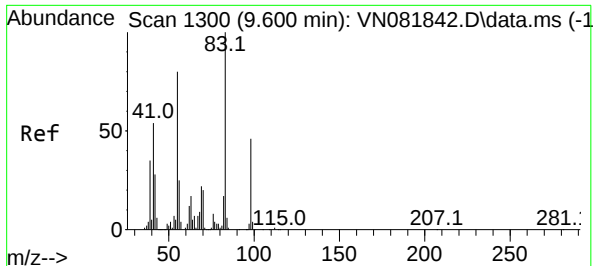
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#38
Carbon Tetrachloride
Concen: 45.485 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Tgt Ion:117 Resp: 152881
Ion Ratio Lower Upper
117 100
119 90.8 76.5 114.7
121 29.4 23.9 35.9





#39

Methylcyclohexane

Concen: 49.214 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081961.D

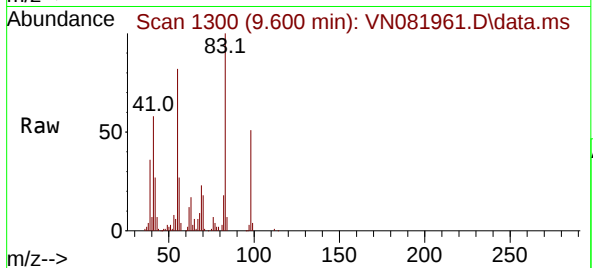
Acq: 01 May 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20240429MSD



Tgt Ion: 83 Resp: 205540

Ion Ratio Lower Upper

83 100

55 81.8 53.0 79.6

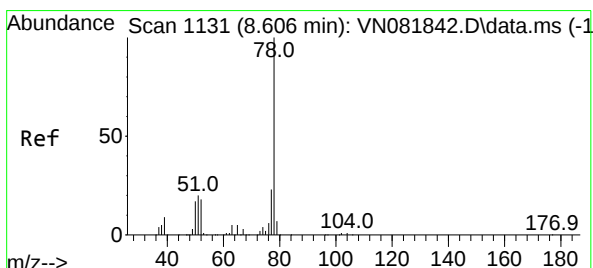
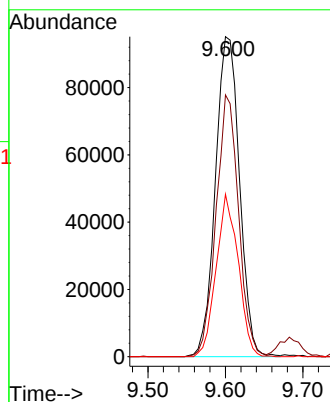
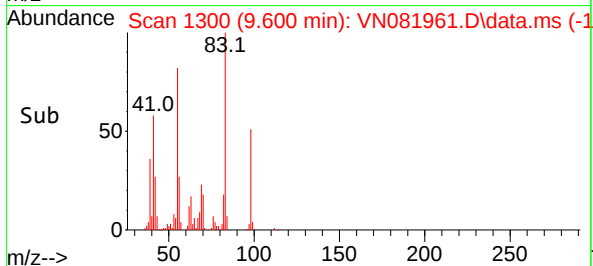
98 50.7 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#40

Benzene

Concen: 53.274 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081961.D

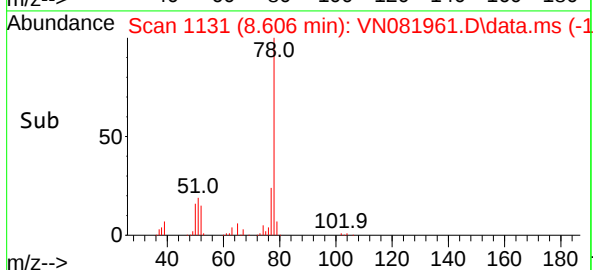
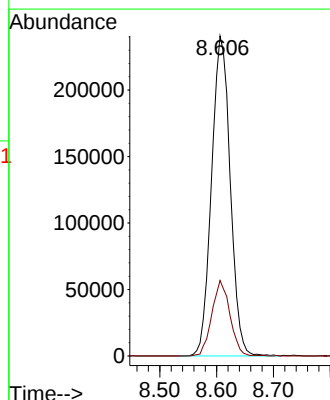
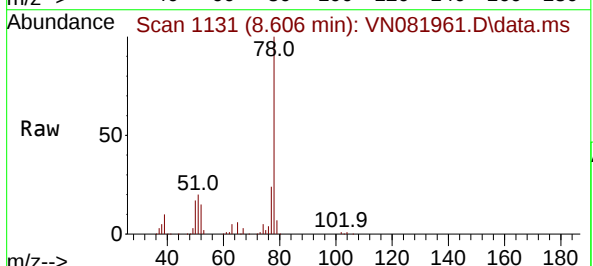
Acq: 01 May 2024 17:02

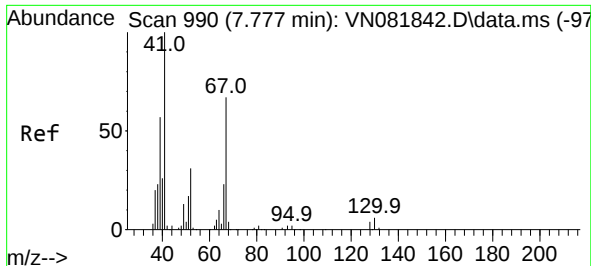
Tgt Ion: 78 Resp: 549977

Ion Ratio Lower Upper

78 100

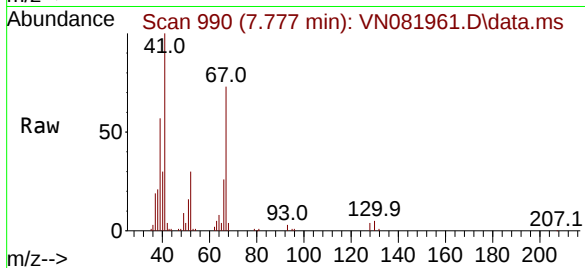
77 23.6 20.0 30.0





#41
Methacrylonitrile
Concen: 45.565 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

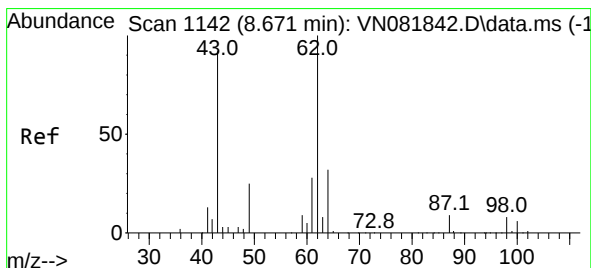
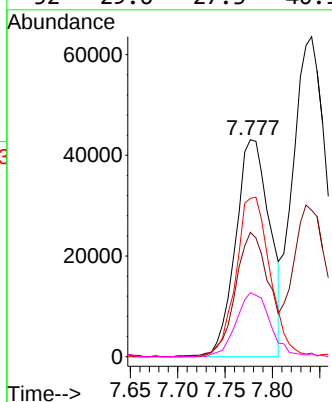
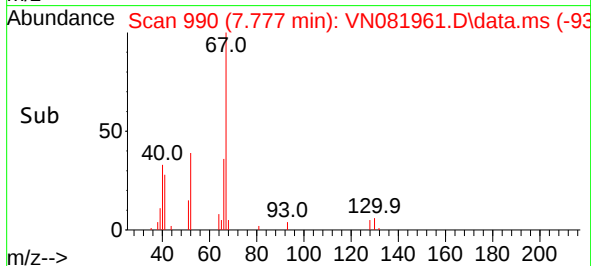
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 41 Resp: 108104
Ion Ratio Lower Upper
41 100
39 55.8 46.6 69.8
67 73.7 67.3 100.9
52 29.6 27.3 40.9

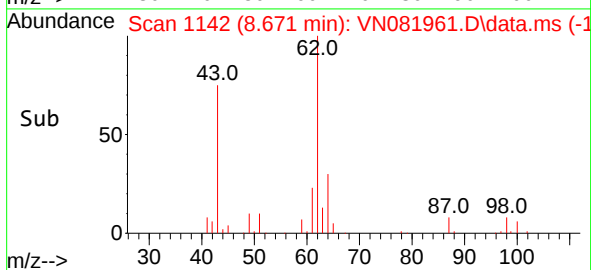
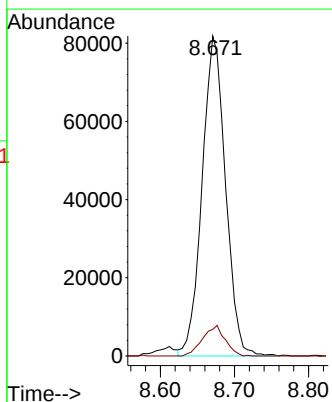
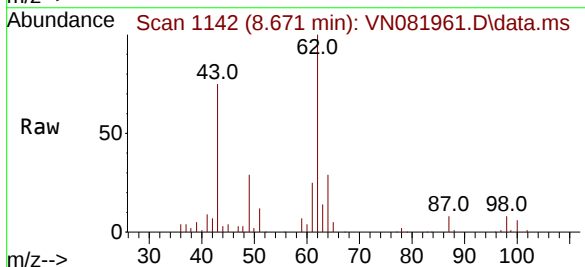
Manual Integrations
APPROVED

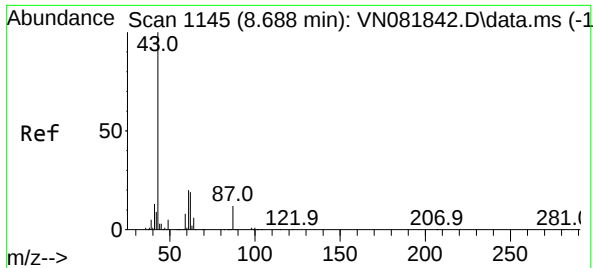
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#42
1,2-Dichloroethane
Concen: 46.845 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

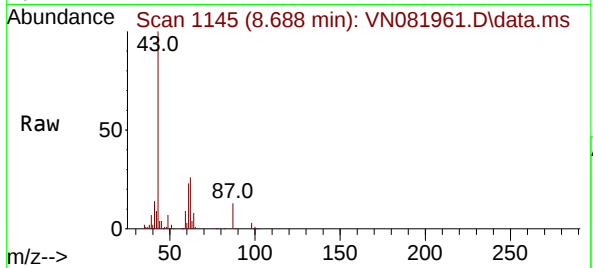
Tgt Ion: 62 Resp: 179581
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 48.910 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

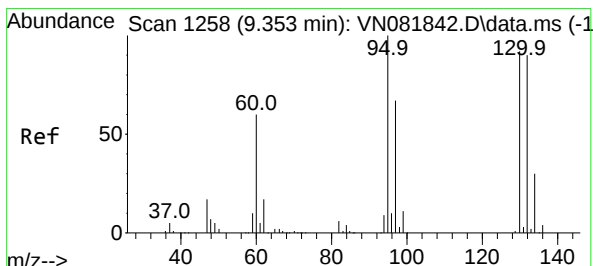
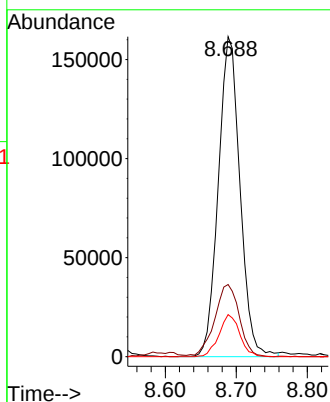
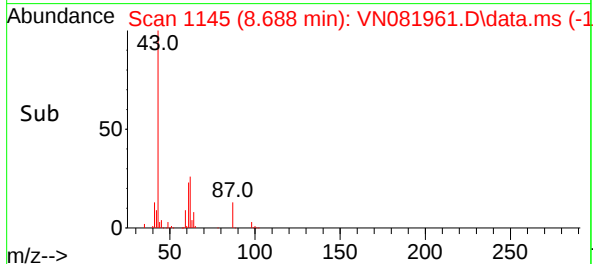
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 43 Resp: 341952
Ion Ratio Lower Upper
43 100
61 25.6 22.8 34.2
87 12.6 12.0 18.0

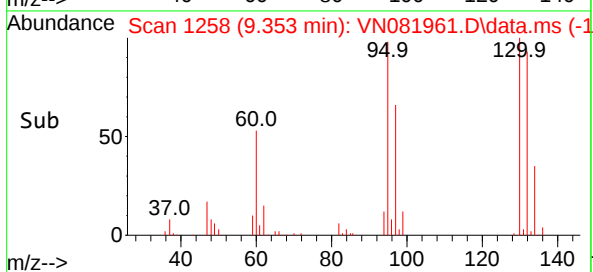
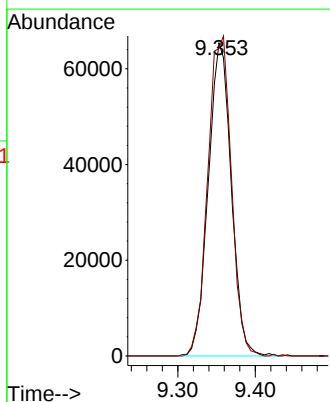
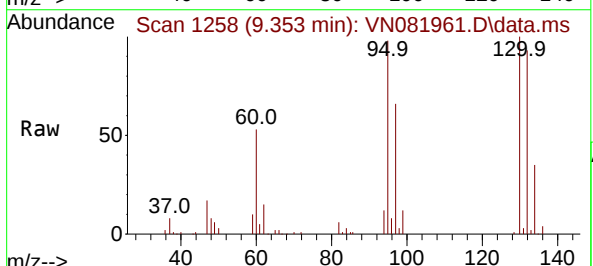
Manual Integrations
APPROVED

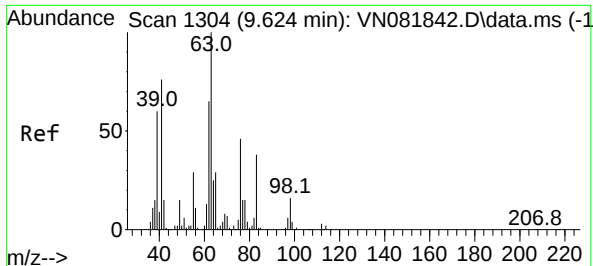
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#44
Trichloroethene
Concen: 56.556 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Tgt Ion:130 Resp: 134613
Ion Ratio Lower Upper
130 100
95 98.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 53.111 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20240429MSD

Tgt Ion: 63 Resp: 143494

Ion Ratio Lower Upper

63 100

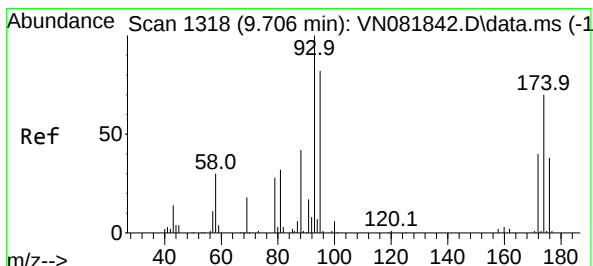
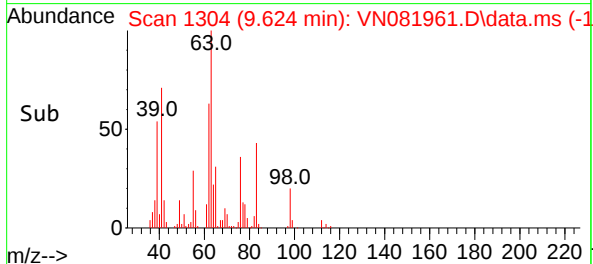
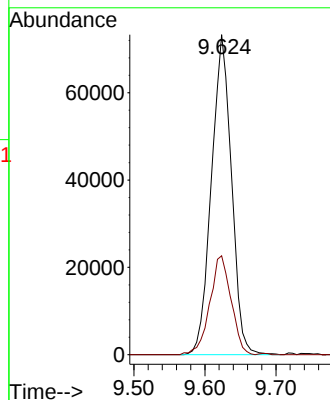
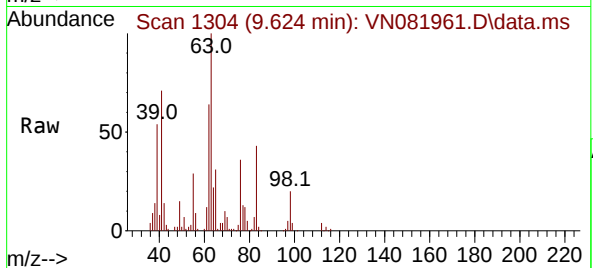
65 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#46

Dibromomethane

Concen: 48.916 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

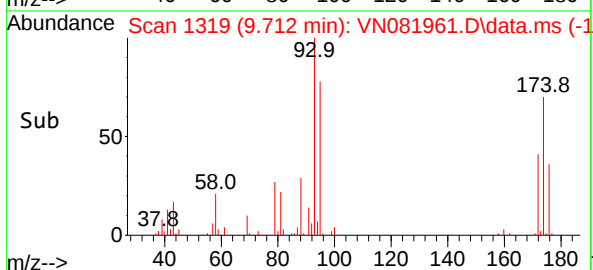
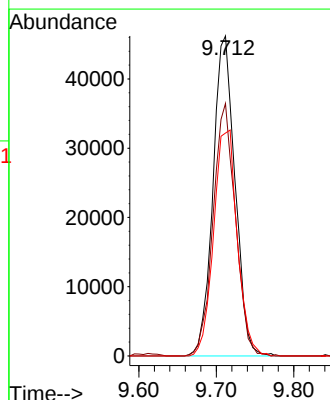
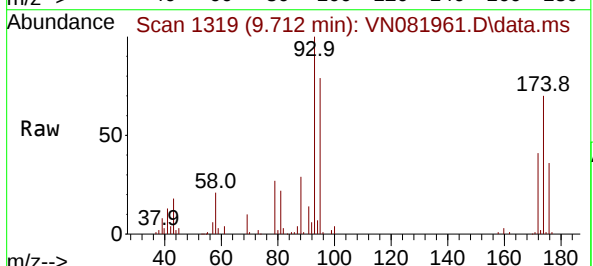
Tgt Ion: 93 Resp: 91347

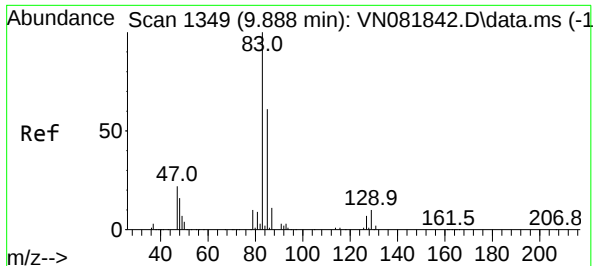
Ion Ratio Lower Upper

93 100

95 79.9 64.8 97.2

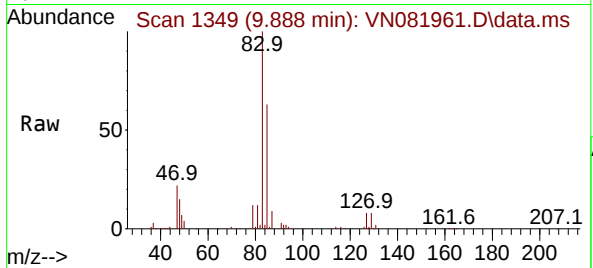
174 75.9 73.4 110.0





#47
Bromodichloromethane
Concen: 48.191 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

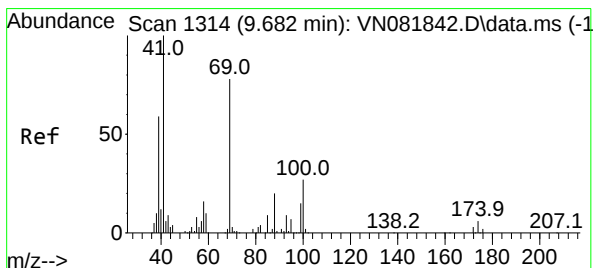
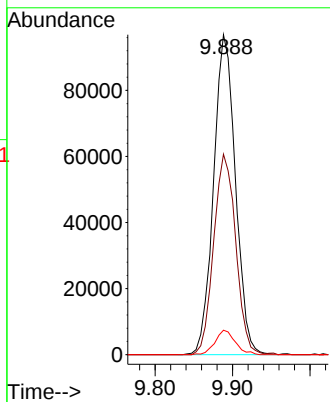
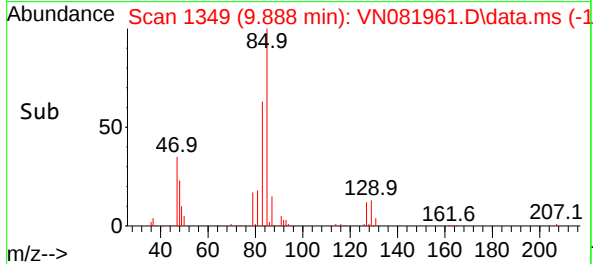
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



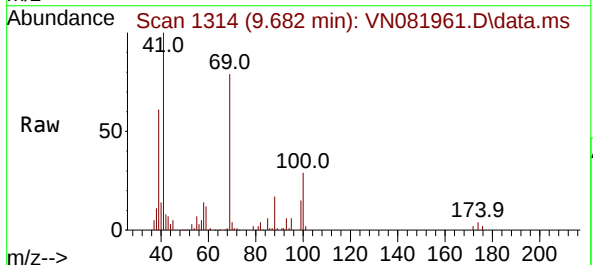
Tgt Ion: 83 Resp: 189789
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9
127 7.6 7.5 11.3

Manual Integrations
APPROVED

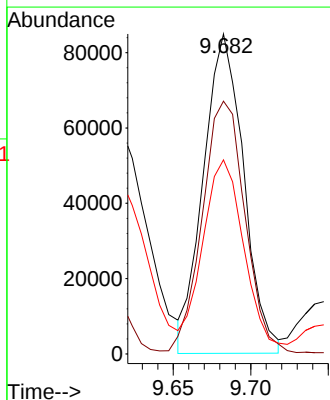
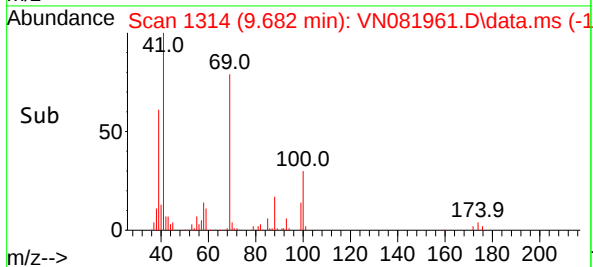
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

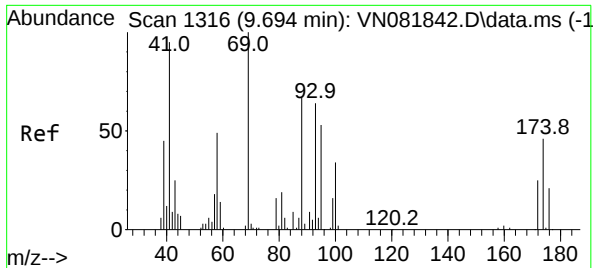


#48
Methyl methacrylate
Concen: 45.835 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



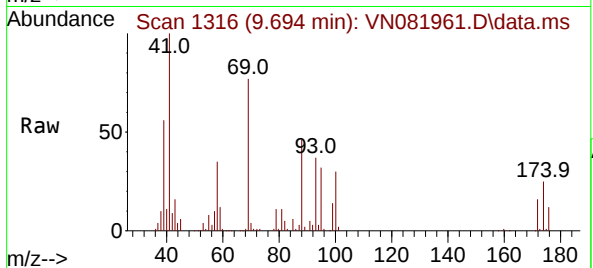
Tgt Ion: 41 Resp: 152977
Ion Ratio Lower Upper
41 100
69 84.9 77.9 116.9
39 63.6 50.9 76.3





#49
1,4-Dioxane
Concen: 1046.261 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

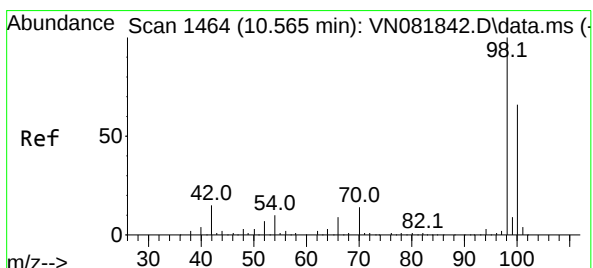
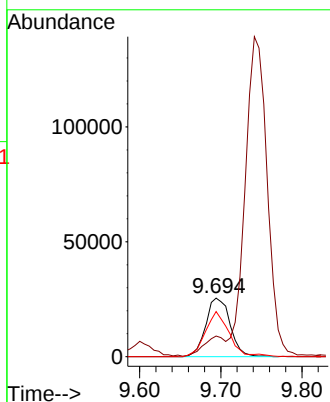
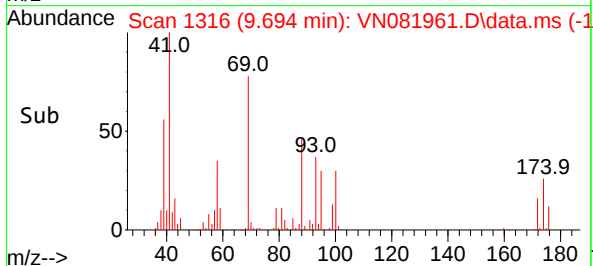
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



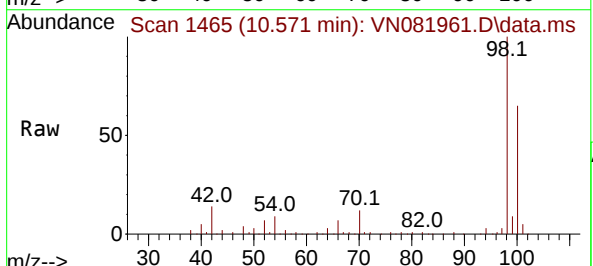
Tgt Ion: 88 Resp: 53079
Ion Ratio Lower Upper
88 100
43 30.1 19.0 28.6
58 76.1 50.6 76.0

Manual Integrations
APPROVED

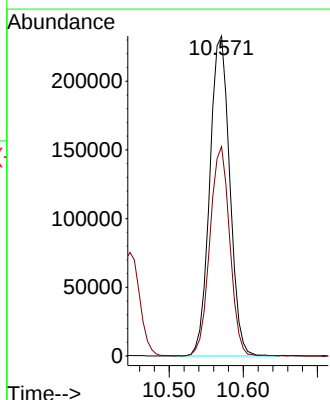
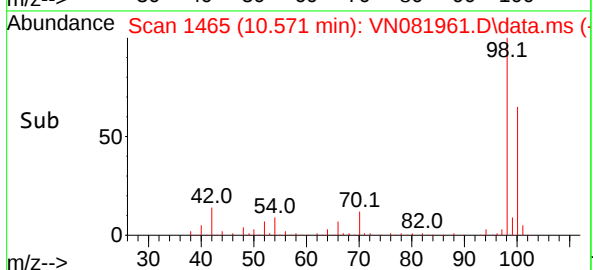
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

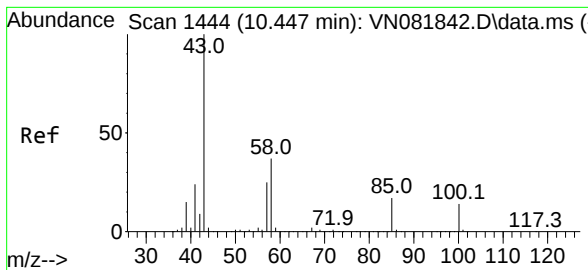


#50
Toluene-d8
Concen: 52.574 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



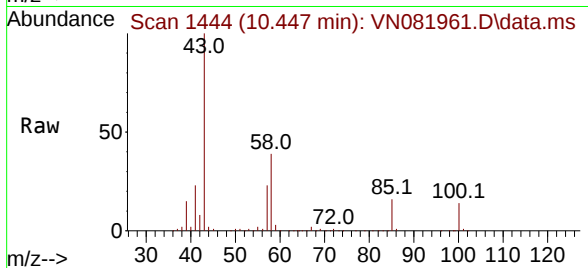
Tgt Ion: 98 Resp: 436471
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 249.502 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

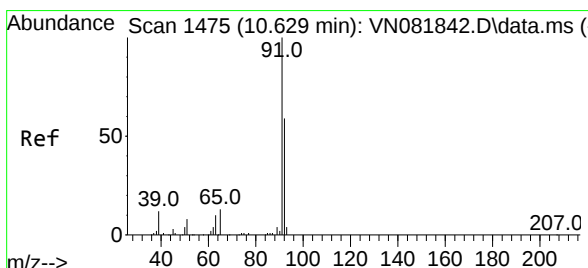
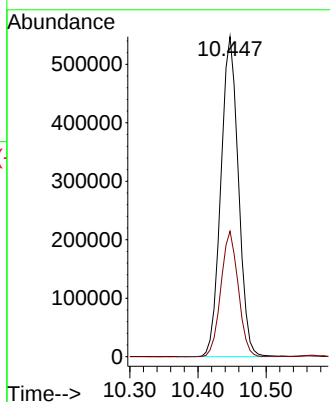
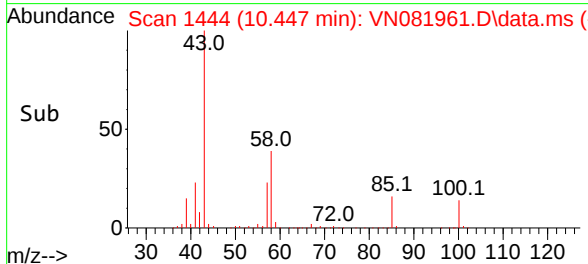
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



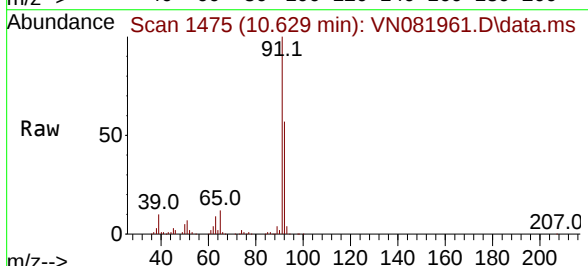
Tgt Ion: 43 Resp: 981983
Ion Ratio Lower Upper
43 100
58 38.7 33.2 49.8

Manual Integrations
APPROVED

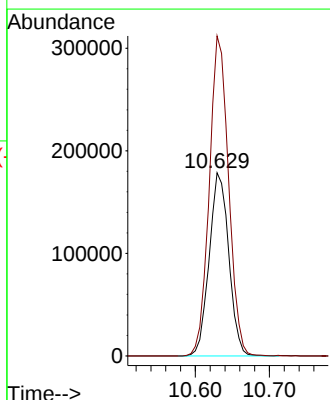
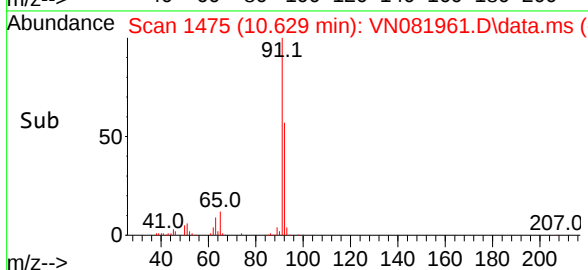
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

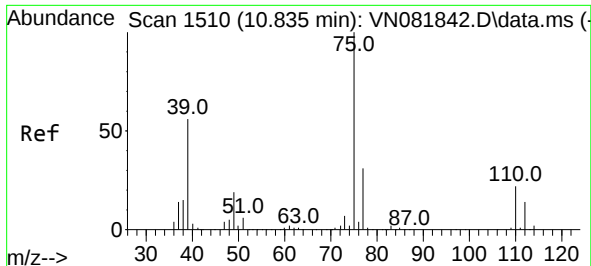


#52
Toluene
Concen: 53.004 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



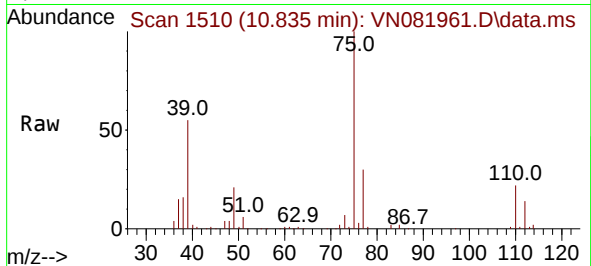
Tgt Ion: 92 Resp: 327692
Ion Ratio Lower Upper
92 100
91 172.3 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 47.911 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

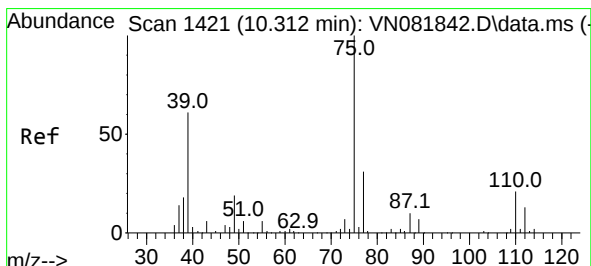
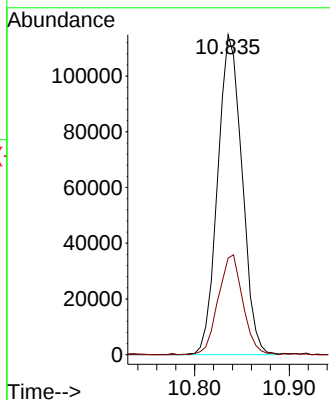
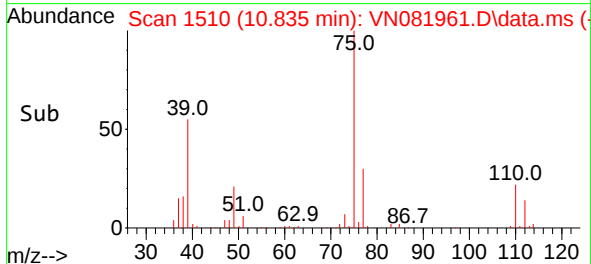
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 75 Resp: 205312
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0

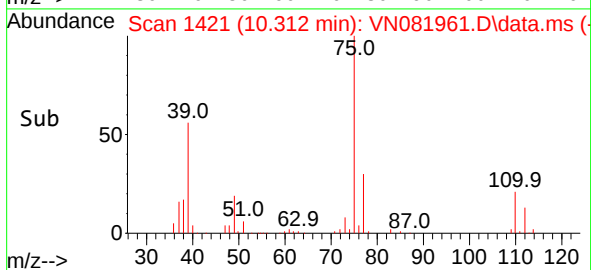
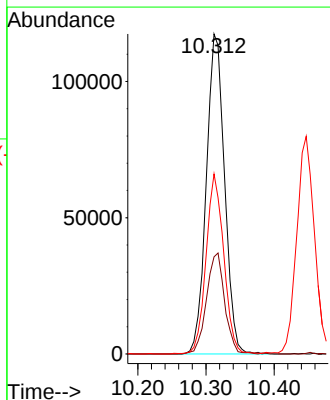
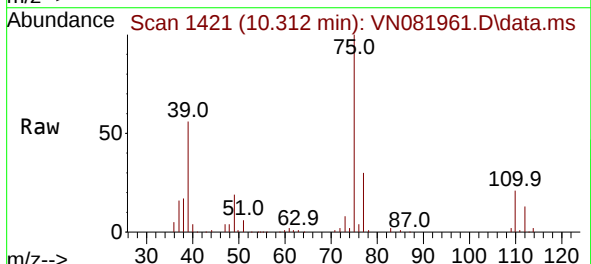
Manual Integrations
APPROVED

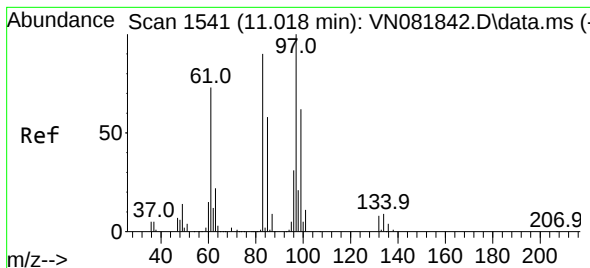
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#54
cis-1,3-Dichloropropene
Concen: 49.619 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

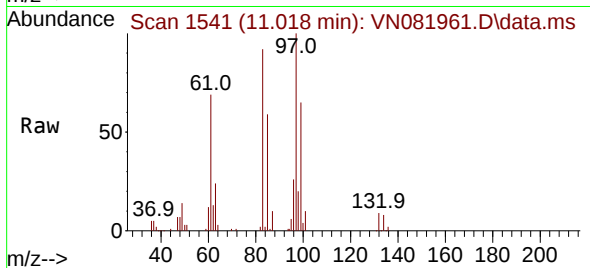
Tgt Ion: 75 Resp: 219144
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4
39 56.1 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 50.281 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

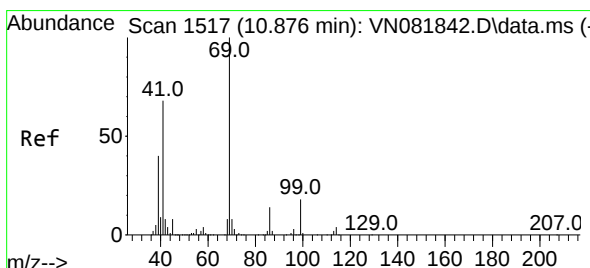
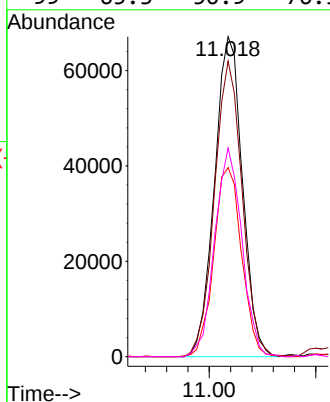
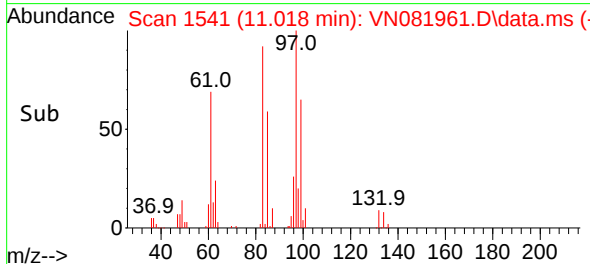
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



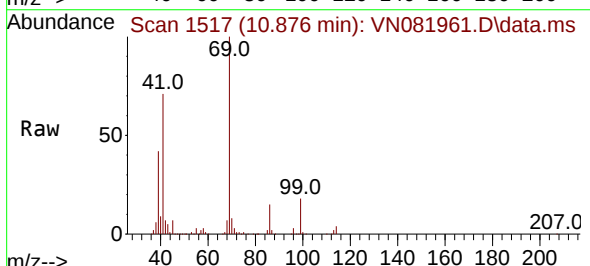
Tgt Ion:	97	Resp:	12225
Ion	Ratio	Lower	Upper
97	100		
83	92.4	70.4	105.6
85	59.1	45.6	68.4
99	65.3	50.9	76.3

Manual Integrations
APPROVED

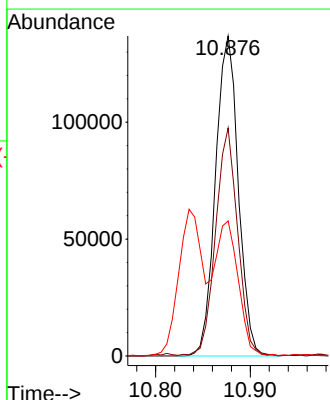
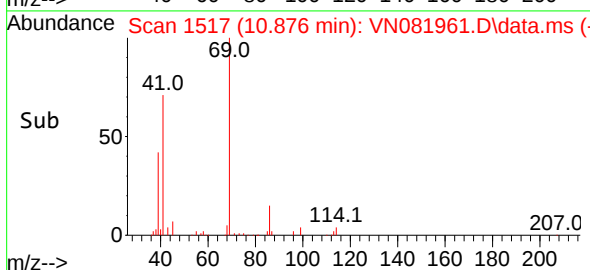
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

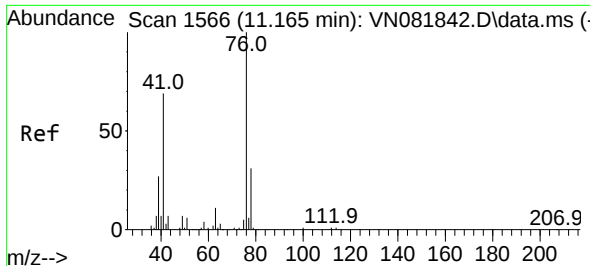


#56
Ethyl methacrylate
Concen: 49.400 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



Tgt Ion:	69	Resp:	228716
Ion	Ratio	Lower	Upper
69	100		
41	68.6	46.6	70.0
39	39.4	26.5	39.7





#57

1,3-Dichloropropane

Concen: 52.203 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081961.D

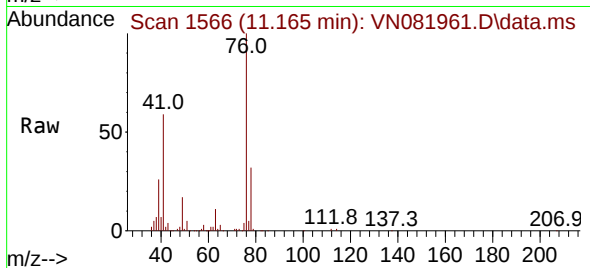
Acq: 01 May 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20240429MSD



Tgt Ion: 76 Resp: 225660

Ion Ratio Lower Upper

76 100

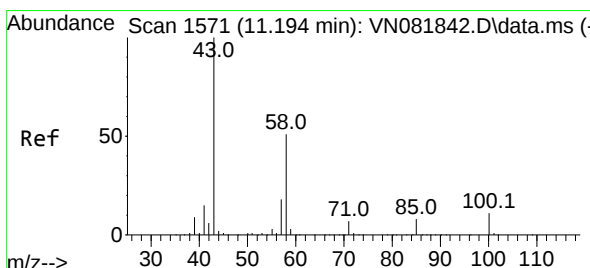
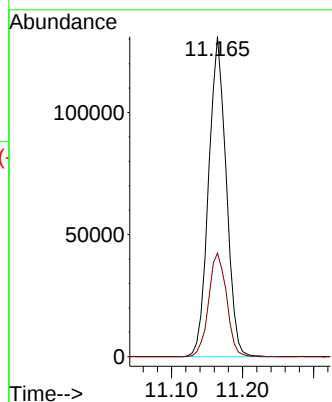
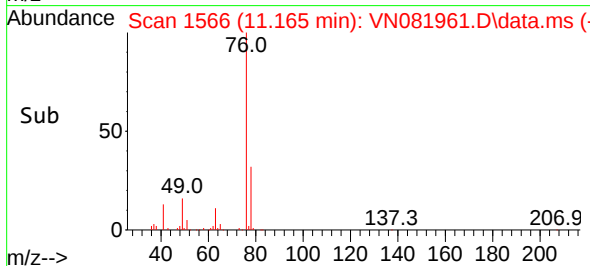
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#59

2-Hexanone

Concen: 248.920 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN081961.D

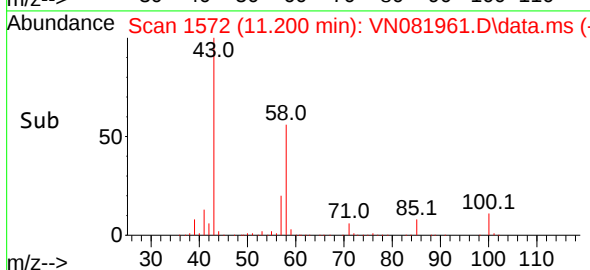
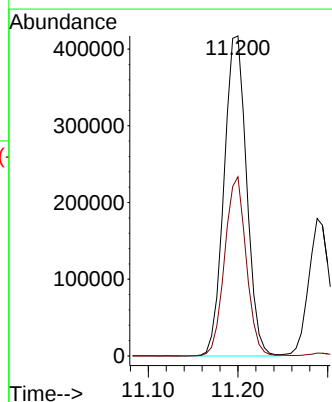
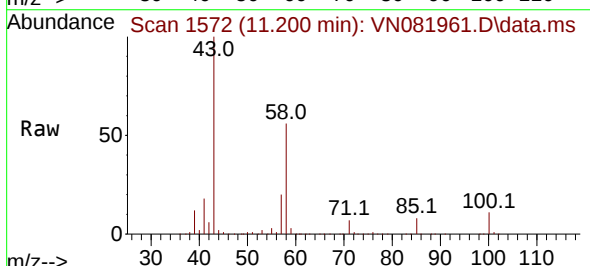
Acq: 01 May 2024 17:02

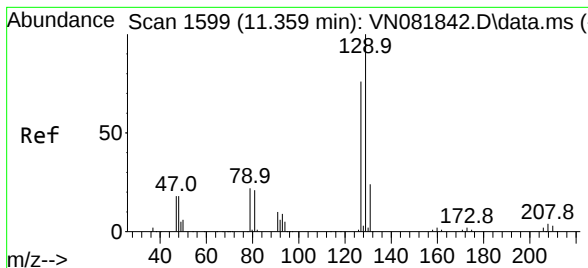
Tgt Ion: 43 Resp: 729088

Ion Ratio Lower Upper

43 100

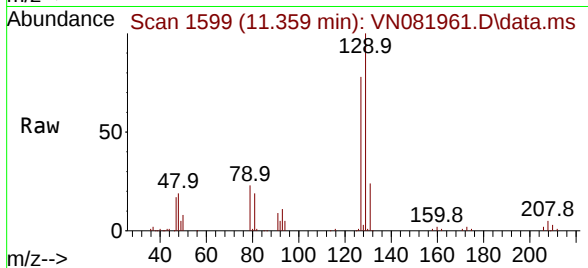
58 53.6 28.3 84.9





#60
Dibromochloromethane
Concen: 50.560 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

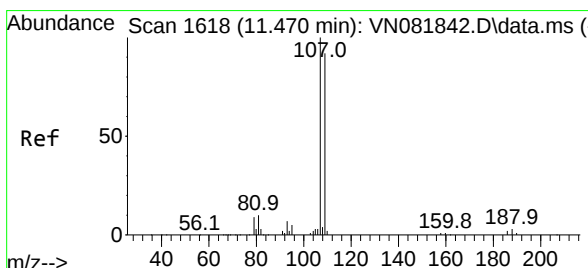
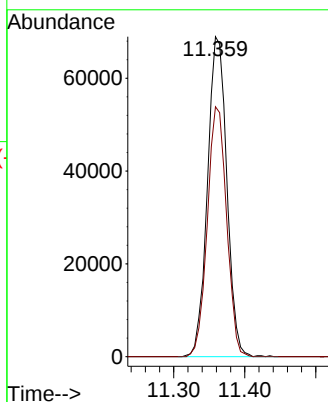
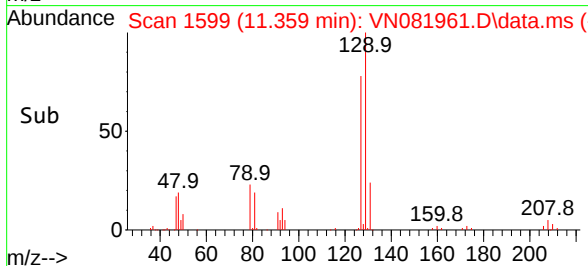
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



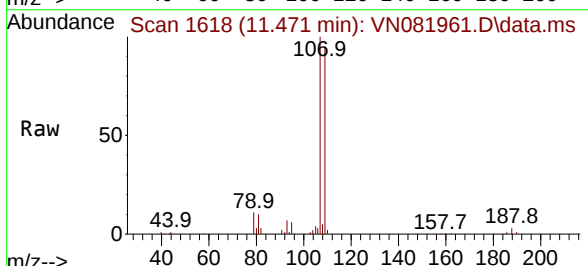
Tgt Ion:129 Resp: 13020
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8

Manual Integrations
APPROVED

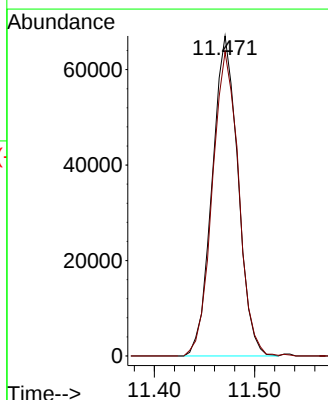
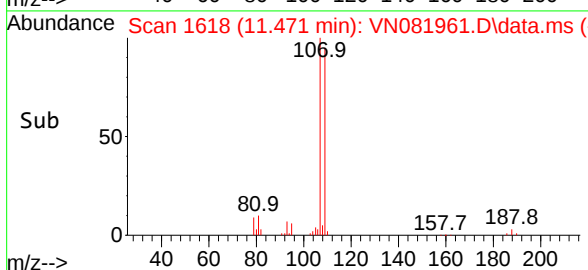
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

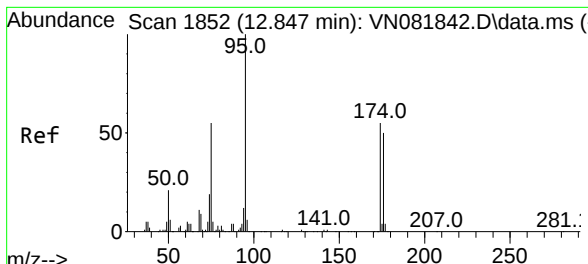


#61
1,2-Dibromoethane
Concen: 51.494 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



Tgt Ion:107 Resp: 119732
Ion Ratio Lower Upper
107 100
109 97.0 75.8 113.6





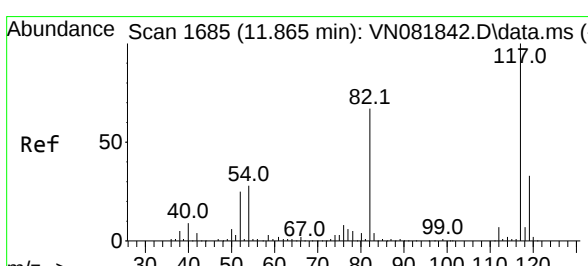
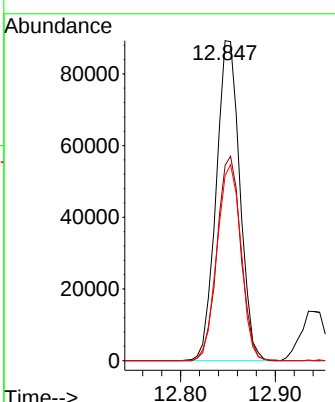
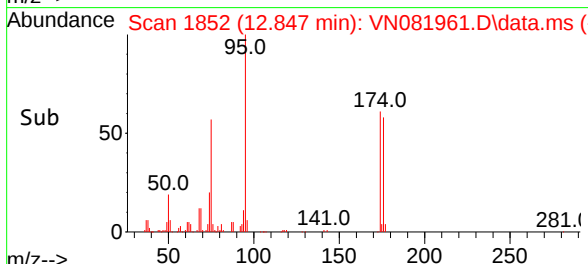
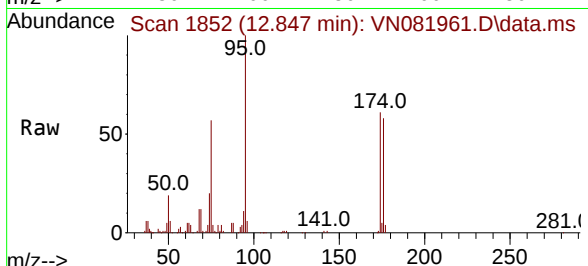
#62
 4-Bromofluorobenzene
 Concen: 47.253 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN081961.D
 Acq: 01 May 2024 17:02

Instrument : MSVOA_N
 ClientSampleId : MW-4-20240429MSD

Tgt Ion:	95	Resp:	15507
Ion Ratio	Lower	Upper	
95	100		
174	64.0	0.0	160.6
176	62.3	0.0	152.8

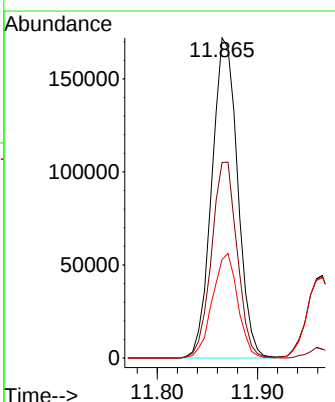
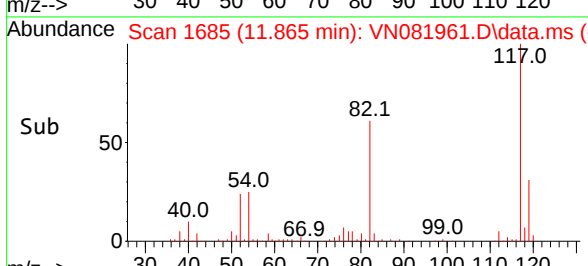
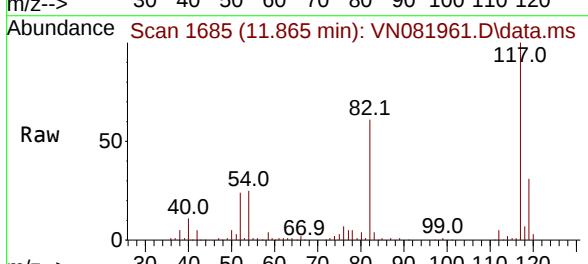
Manual Integrations
 APPROVED

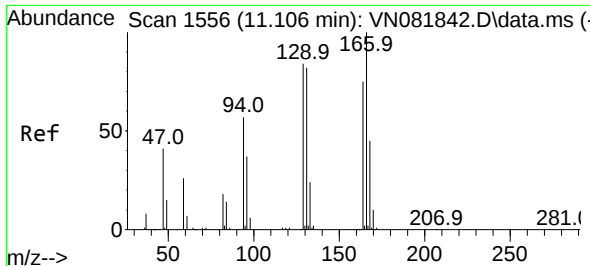
Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081961.D
 Acq: 01 May 2024 17:02

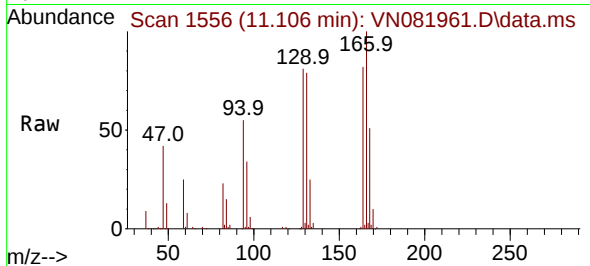
Tgt Ion:	117	Resp:	307660
Ion Ratio	Lower	Upper	
117	100		
82	61.1	44.6	66.8
119	30.8	25.9	38.9





#64
Tetrachloroethene
Concen: 44.722 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

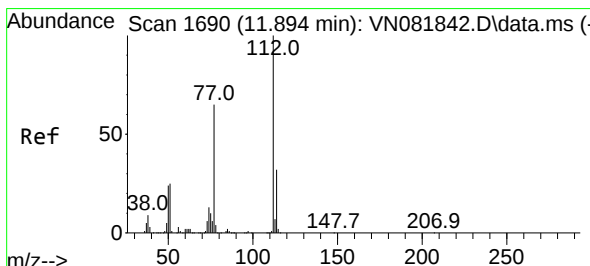
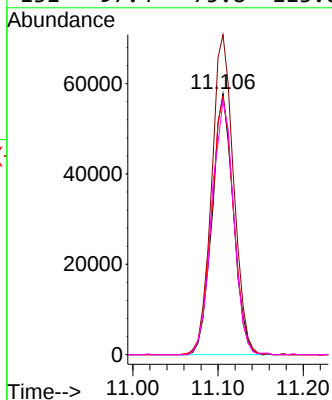
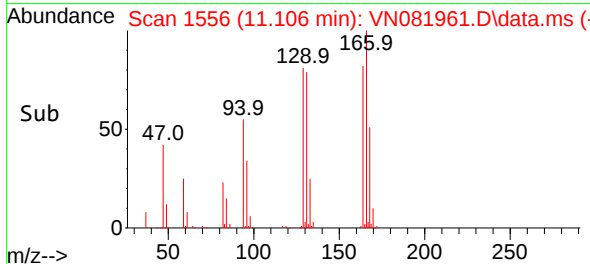
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:164 Resp: 9993
Ion Ratio Lower Upper
164 100
166 122.7 97.6 146.4
129 99.0 73.7 110.5
131 97.4 75.8 113.6

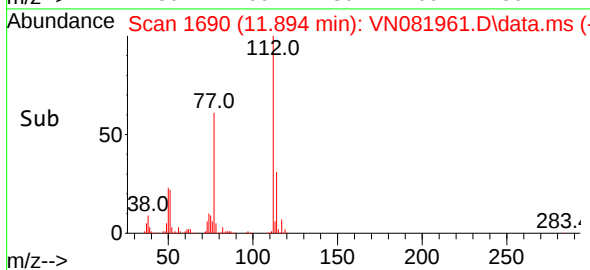
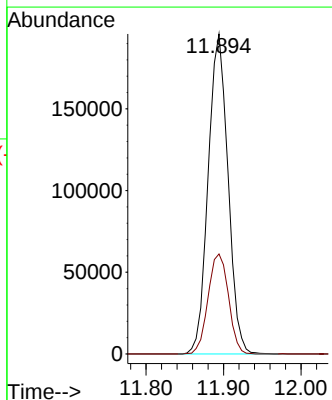
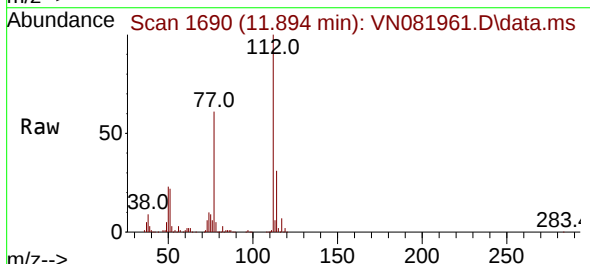
Manual Integrations
APPROVED

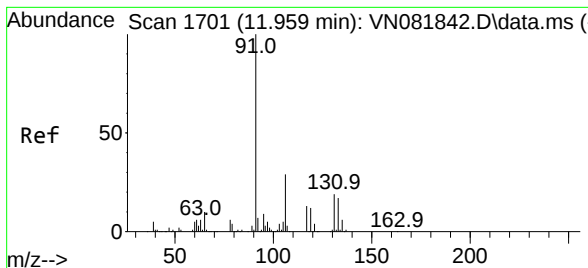
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#65
Chlorobenzene
Concen: 51.734 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Tgt Ion:112 Resp: 347582
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5





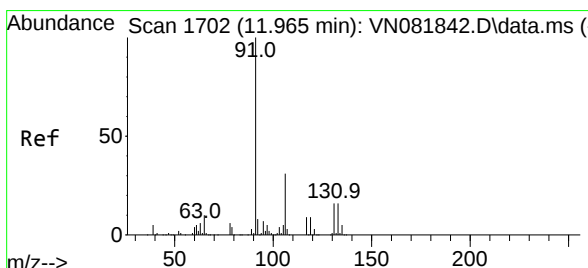
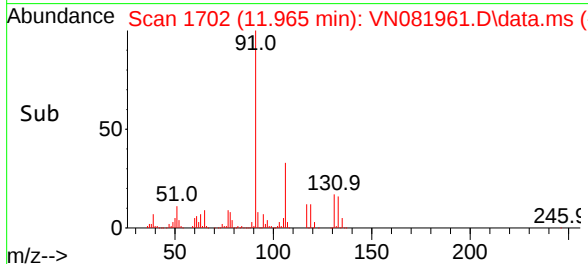
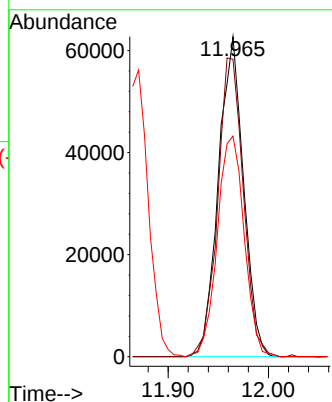
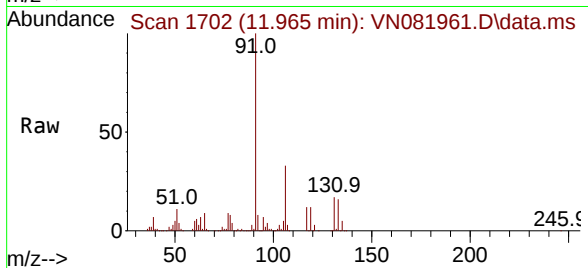
#66
1,1,1,2-Tetrachloroethane
Concen: 49.870 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD

Tgt Ion:131 Resp: 10889
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 73.8 32.9 98.7

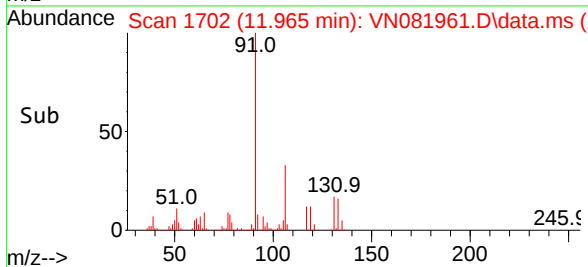
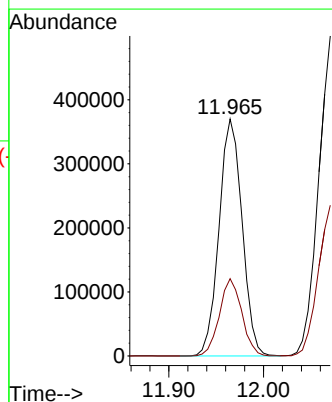
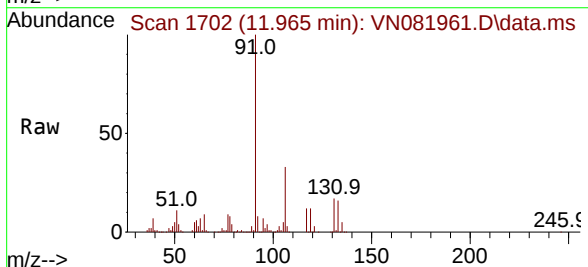
Manual Integrations
APPROVED

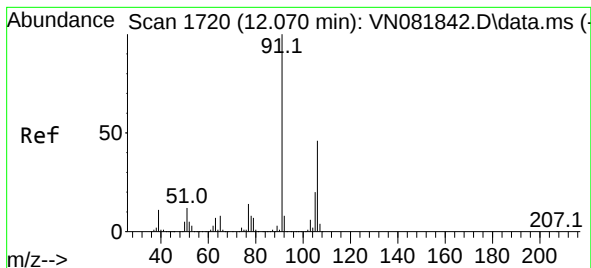
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#67
Ethyl Benzene
Concen: 50.158 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

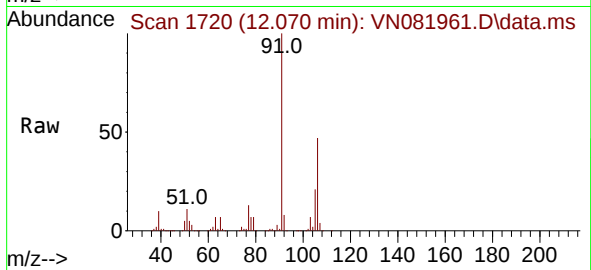
Tgt Ion: 91 Resp: 626717
Ion Ratio Lower Upper
91 100
106 32.6 25.3 37.9





#68
m/p-Xylenes
Concen: 105.078 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

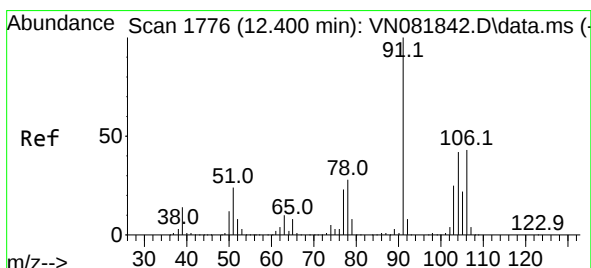
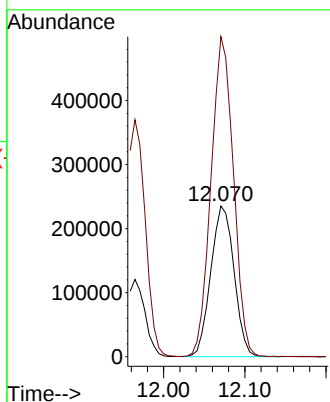
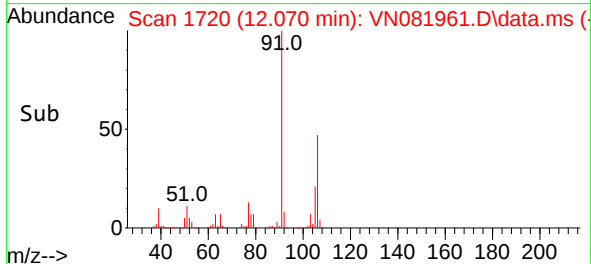
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



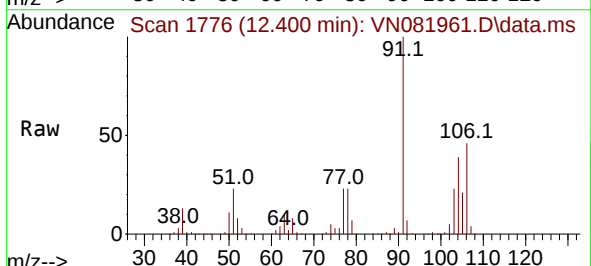
Tgt Ion:106 Resp: 46831
Ion Ratio Lower Upper
106 100
91 205.1 159.4 239.0

Manual Integrations
APPROVED

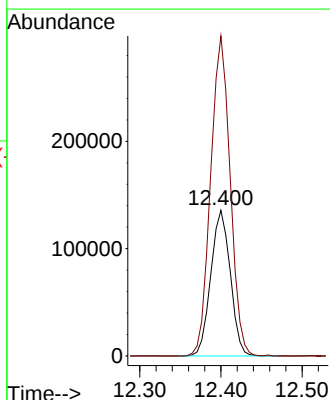
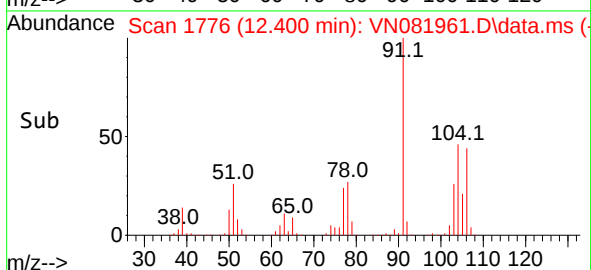
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

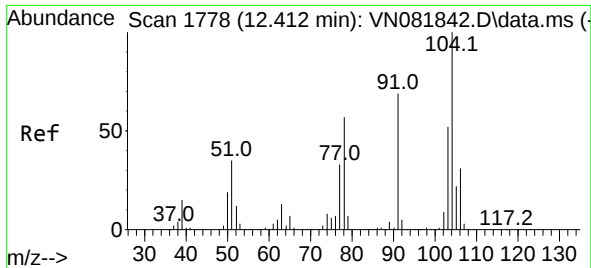


#69
o-Xylene
Concen: 52.048 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



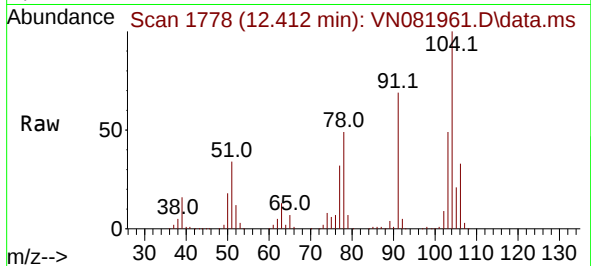
Tgt Ion:106 Resp: 226471
Ion Ratio Lower Upper
106 100
91 220.7 104.7 314.1





#70
Styrene
Concen: 51.721 ug/l
RT: 12.412 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

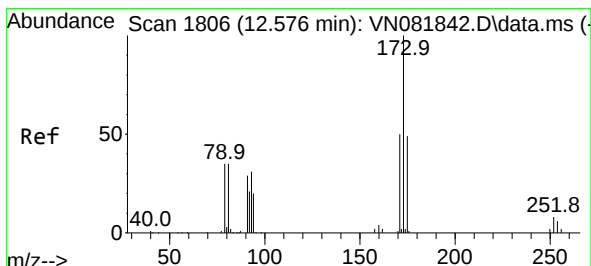
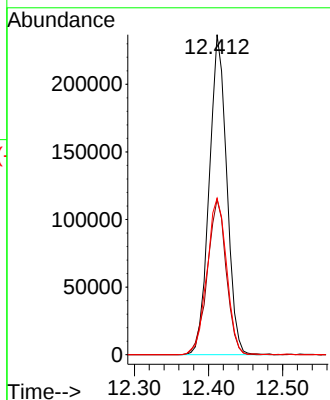
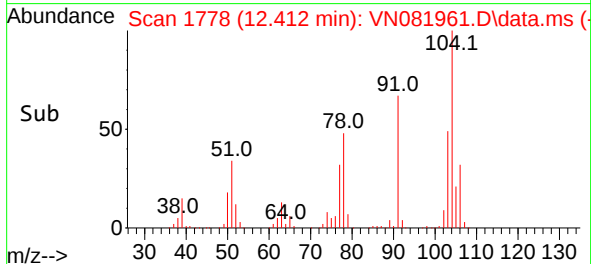
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



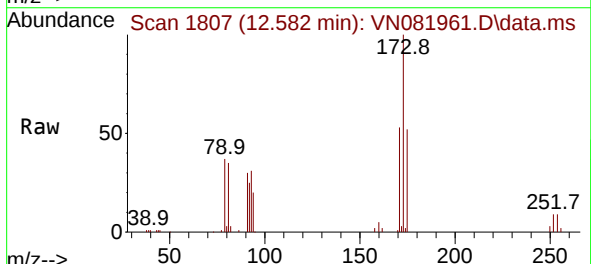
Tgt Ion:104 Resp: 389318
Ion Ratio Lower Upper
104 100
78 52.2 38.6 58.0
103 54.6 43.8 65.6

Manual Integrations
APPROVED

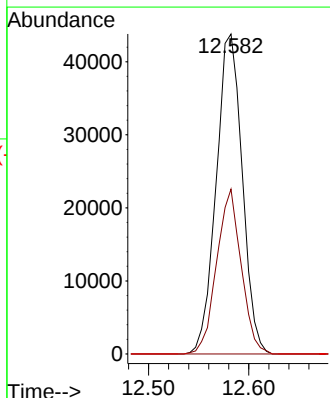
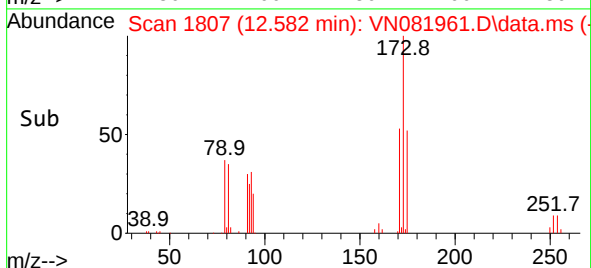
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

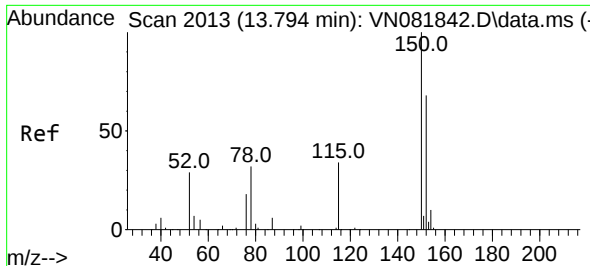


#71
Bromoform
Concen: 46.079 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



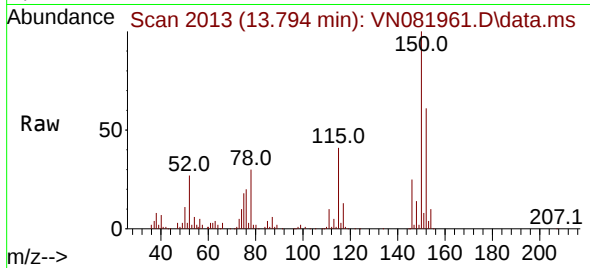
Tgt Ion:173 Resp: 79101
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

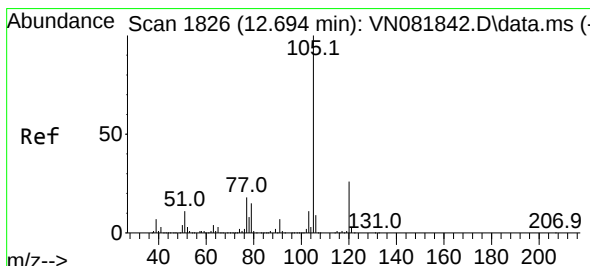
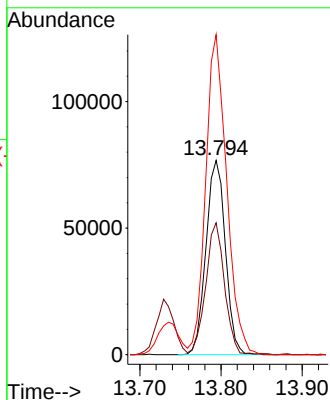
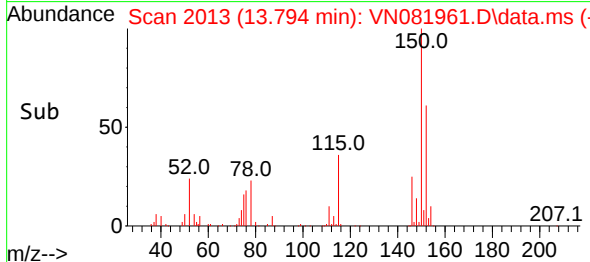
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



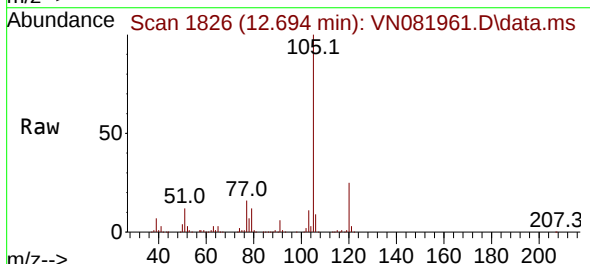
Tgt Ion:152 Resp: 127790
Ion Ratio Lower Upper
152 100
115 65.5 30.4 91.3
150 177.2 0.0 353.2

Manual Integrations
APPROVED

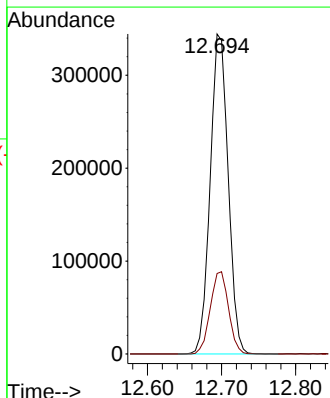
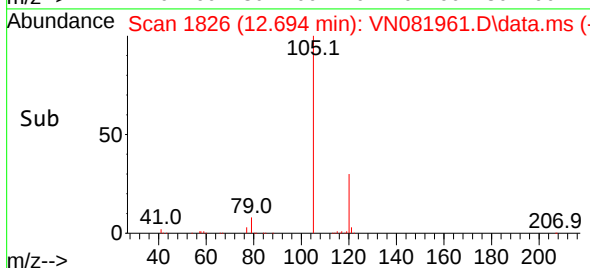
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

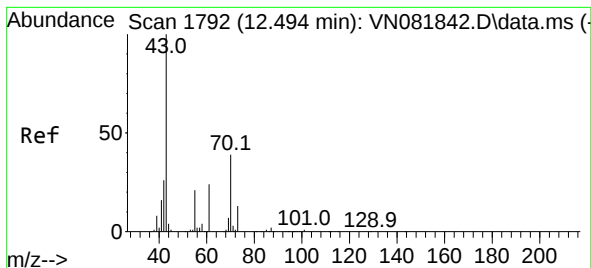


#73
Isopropylbenzene
Concen: 51.014 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



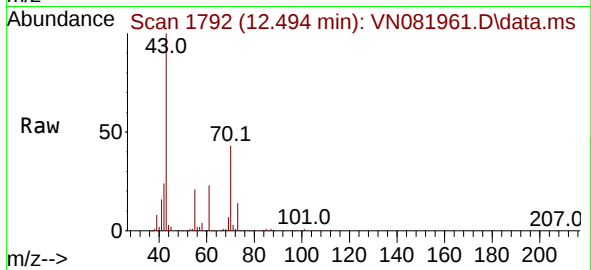
Tgt Ion:105 Resp: 579636
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1





#74
N-amy1 acetate
Concen: 48.712 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

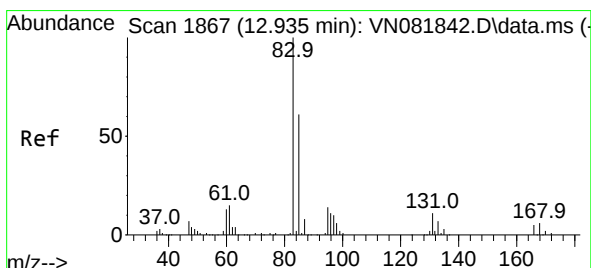
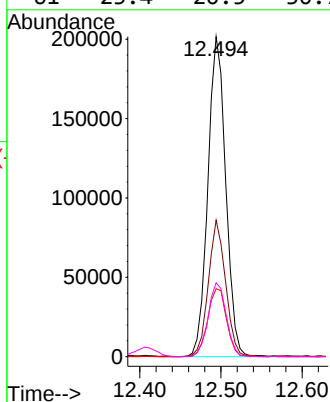
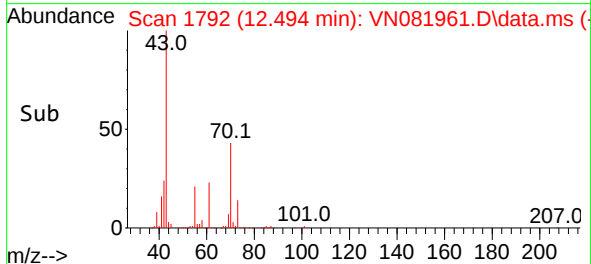
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



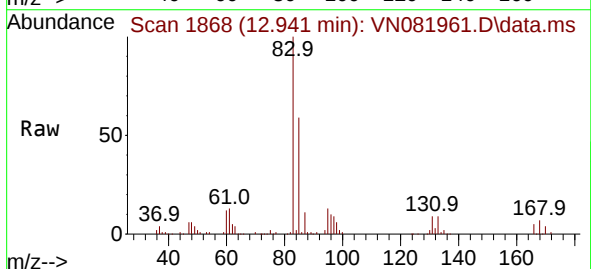
Tgt Ion: 43 Resp: 30814
Ion Ratio Lower Upper
43 100
70 41.1 39.0 58.4
55 22.6 21.3 31.9
61 23.4 20.5 30.7

Manual Integrations
APPROVED

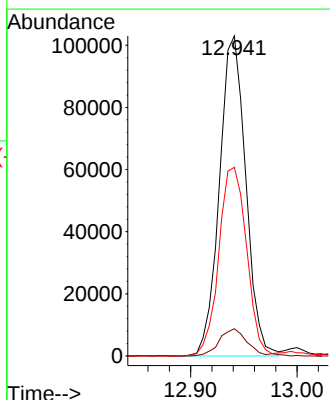
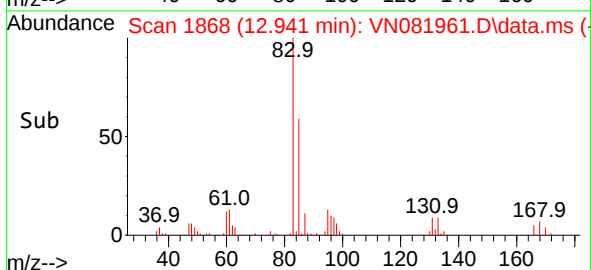
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

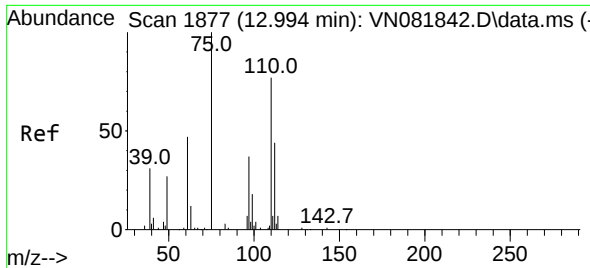


#75
1,1,2,2-Tetrachloroethane
Concen: 51.865 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



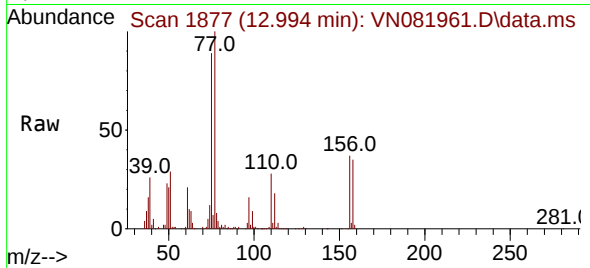
Tgt Ion: 83 Resp: 176968
Ion Ratio Lower Upper
83 100
131 9.1 5.5 16.4
85 62.1 32.9 98.6





#76
1,2,3-Trichloropropane
Concen: 48.938 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

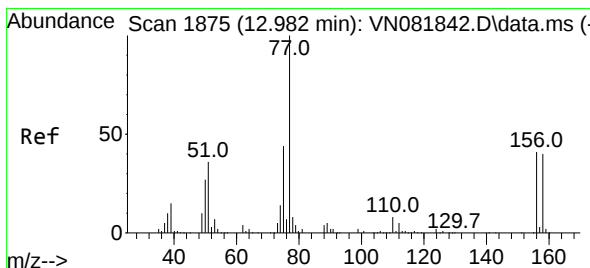
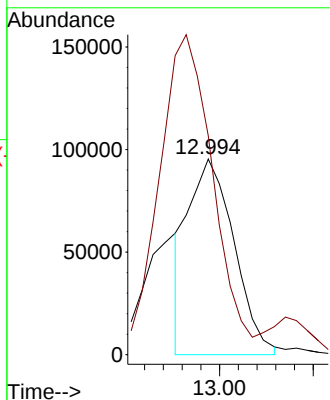
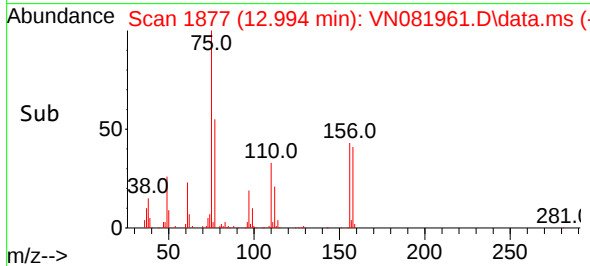
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 75 Resp: 162154
Ion Ratio Lower Upper
75 100
77 192.2 90.5 271.3

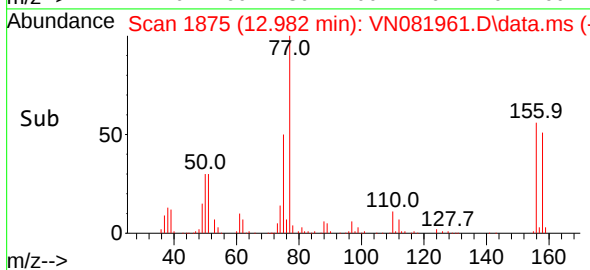
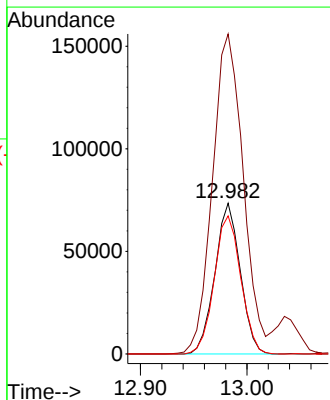
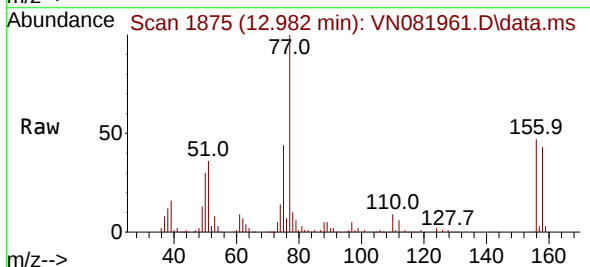
Manual Integrations
APPROVED

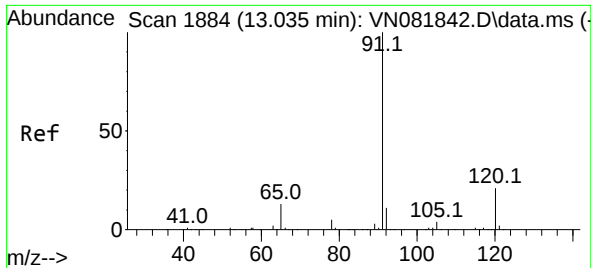
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#77
Bromobenzene
Concen: 51.025 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

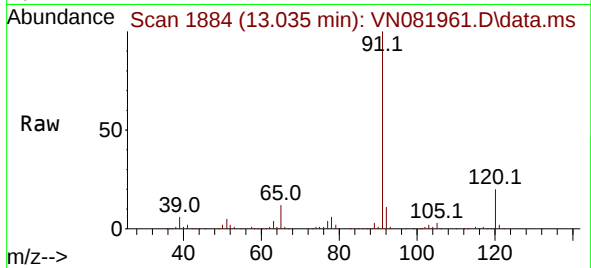
Tgt Ion:156 Resp: 121321
Ion Ratio Lower Upper
156 100
77 256.9 100.2 300.6
158 95.9 49.1 147.3





#78
n-propylbenzene
Concen: 50.552 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

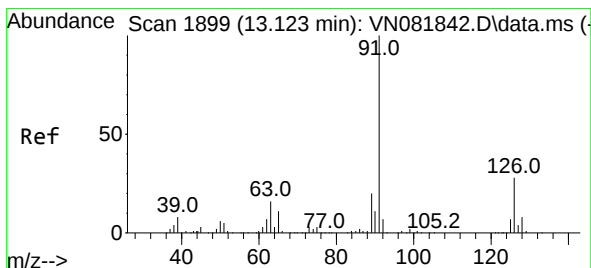
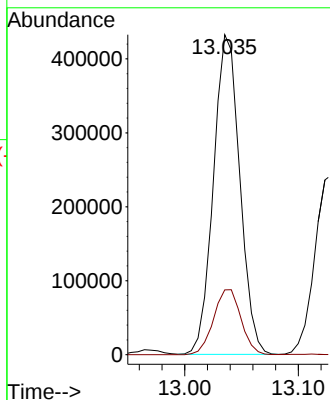
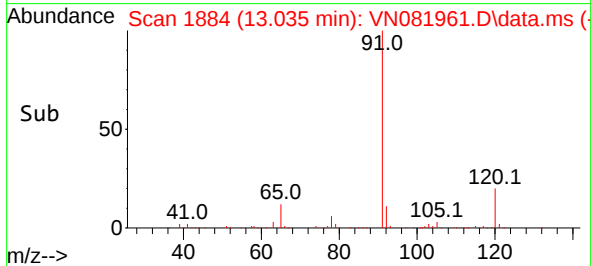
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



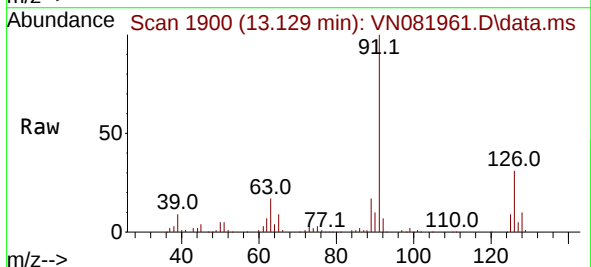
Tgt Ion: 91 Resp: 697694
Ion Ratio Lower Upper
91 100
120 21.2 11.7 35.0

Manual Integrations
APPROVED

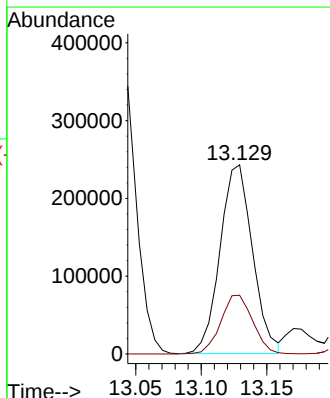
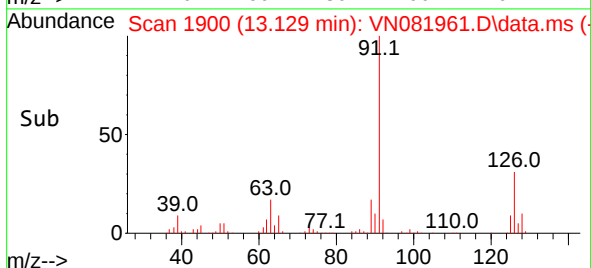
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

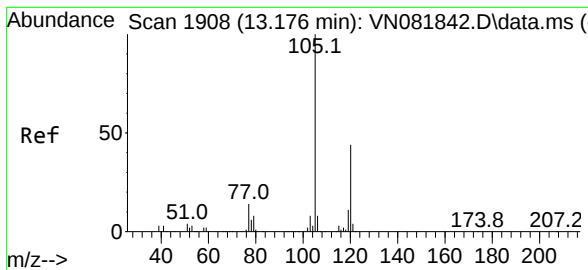


#79
2-Chlorotoluene
Concen: 47.753 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



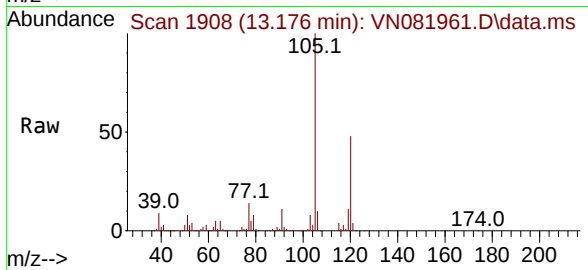
Tgt Ion: 91 Resp: 419315
Ion Ratio Lower Upper
91 100
126 30.7 17.5 52.5





#80
1,3,5-Trimethylbenzene
Concen: 49.262 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

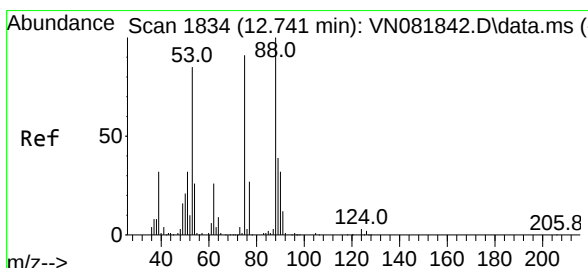
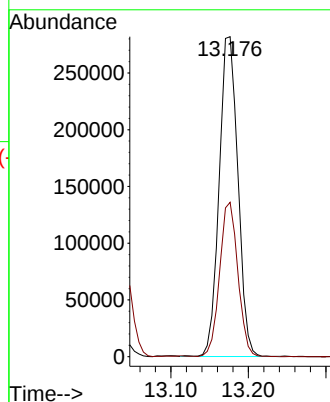
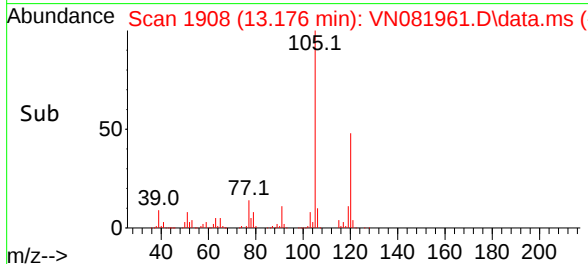
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:105 Resp: 47364
Ion Ratio Lower Upper
105 100
120 47.0 24.8 74.3

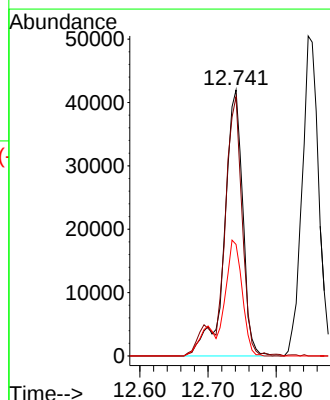
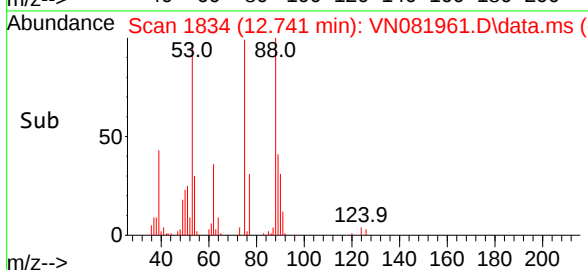
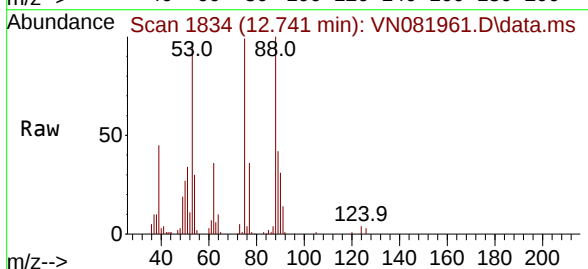
Manual Integrations
APPROVED

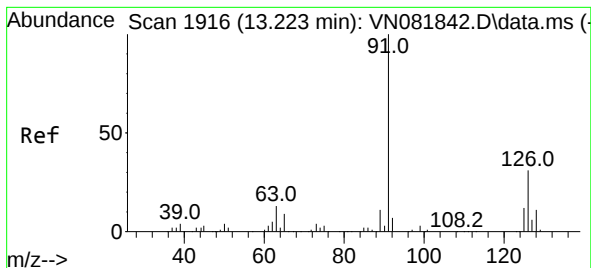
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#81
trans-1,4-Dichloro-2-butene
Concen: 48.465 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

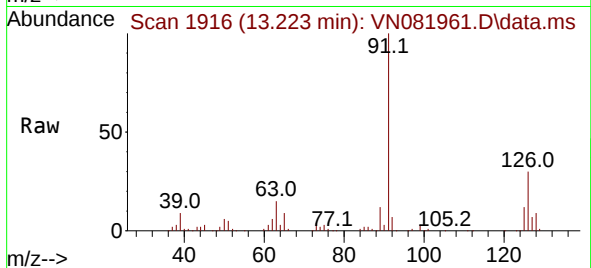
Tgt Ion: 75 Resp: 78369
Ion Ratio Lower Upper
75 100
53 86.4 72.9 109.3
89 39.4 39.1 58.7





#82
4-Chlorotoluene
Concen: 48.835 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

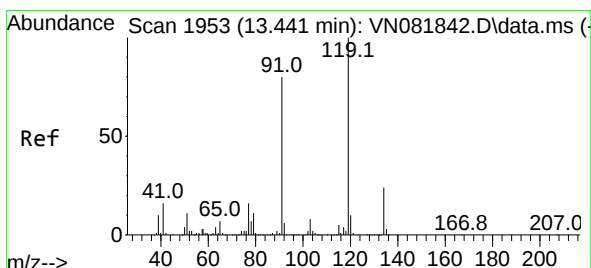
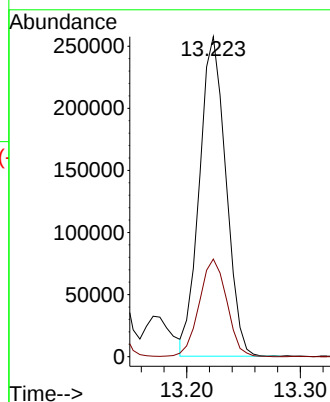
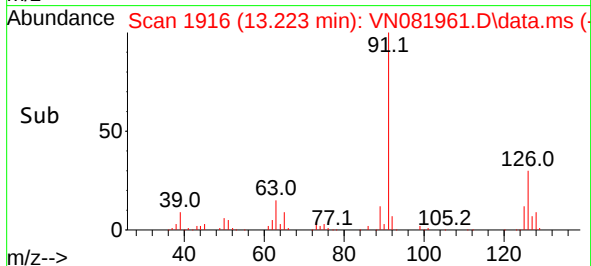
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



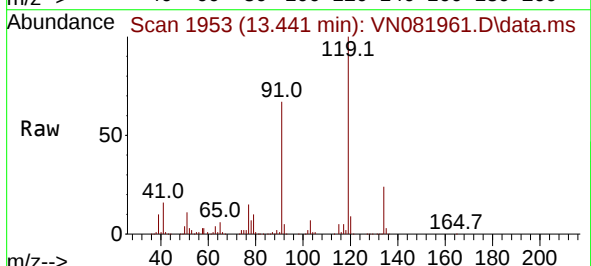
Tgt Ion: 91 Resp: 416319
Ion Ratio Lower Upper
91 100
126 31.8 17.4 52.3

Manual Integrations
APPROVED

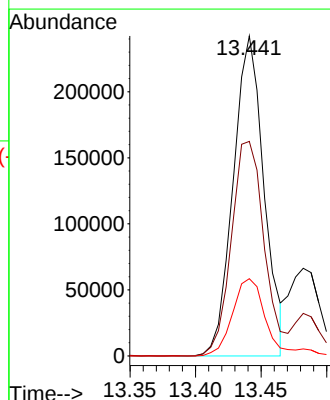
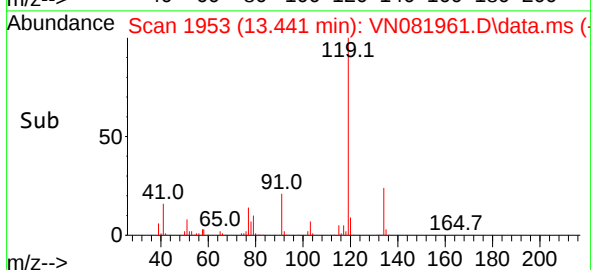
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

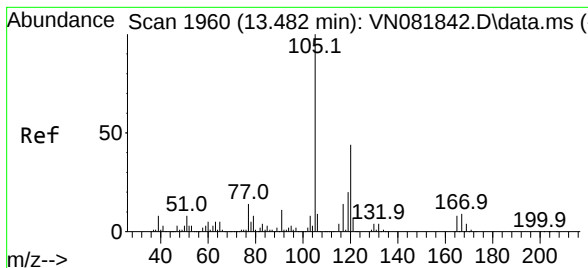


#83
tert-Butylbenzene
Concen: 49.407 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



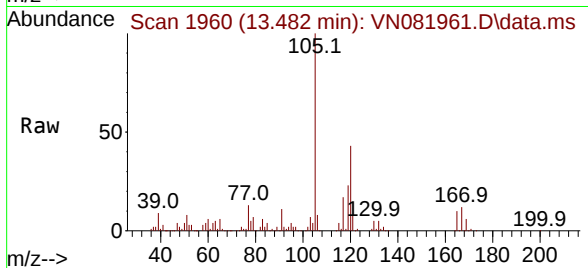
Tgt Ion:119 Resp: 395597
Ion Ratio Lower Upper
119 100
91 72.1 32.6 97.8
134 26.6 12.4 37.0





#84
1,2,4-Trimethylbenzene
Concen: 48.940 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

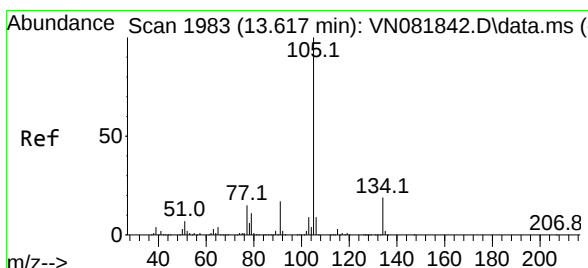
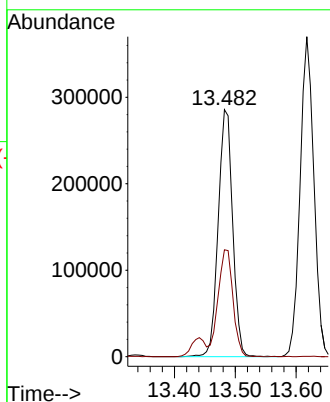
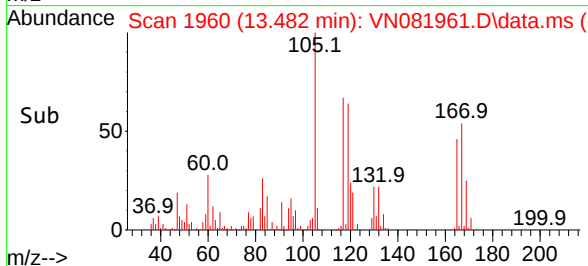
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



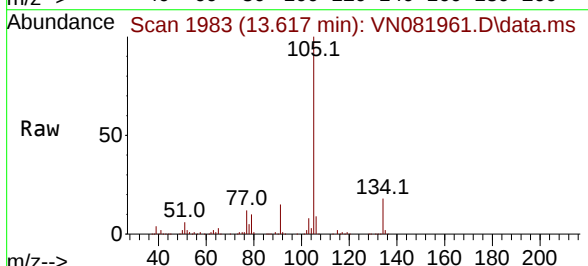
Tgt Ion:105 Resp: 469909
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.7

Manual Integrations
APPROVED

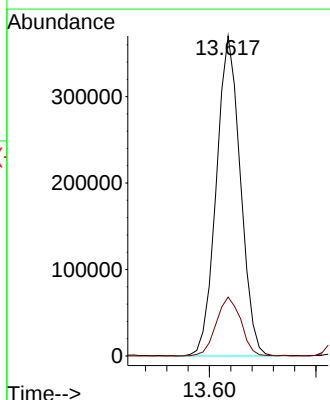
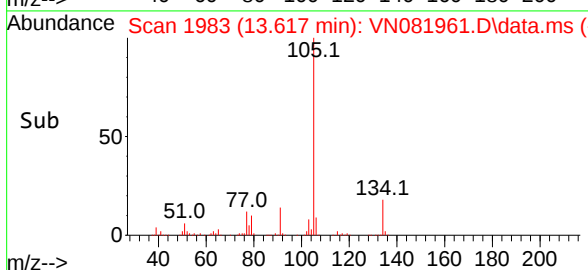
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

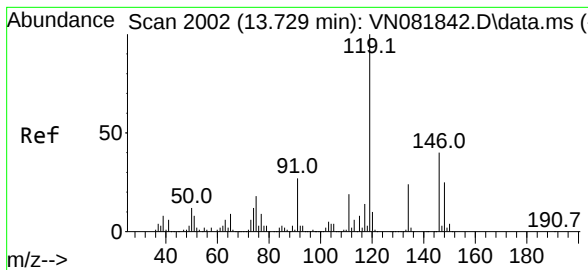


#85
sec-Butylbenzene
Concen: 51.452 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



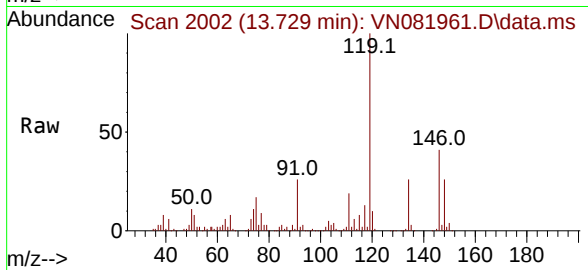
Tgt Ion:105 Resp: 580300
Ion Ratio Lower Upper
105 100
134 18.9 10.2 30.4





#86
p-Isopropyltoluene
Concen: 50.531 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

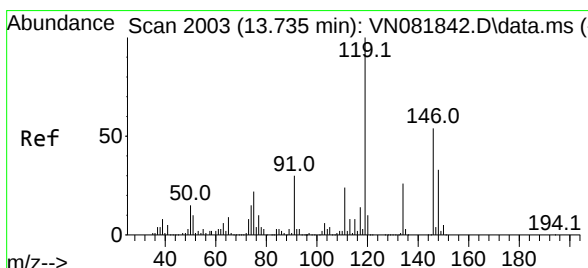
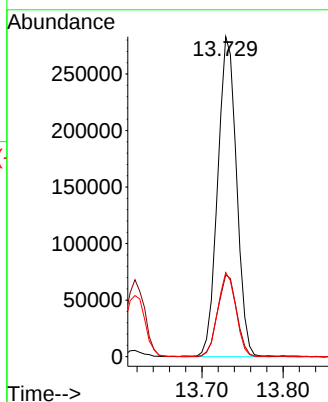
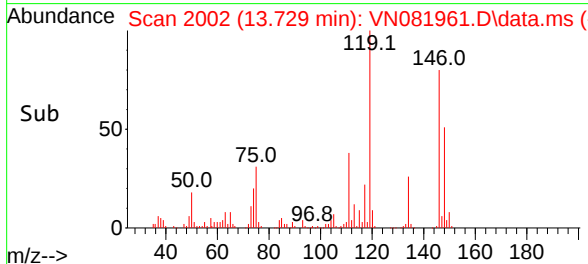
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



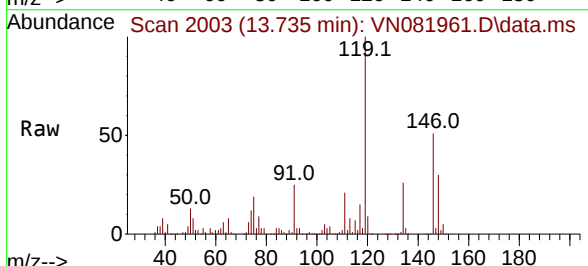
Tgt Ion:119 Resp: 45761
Ion Ratio Lower Upper
119 100
134 25.6 13.2 39.5
91 25.2 11.8 35.3

Manual Integrations
APPROVED

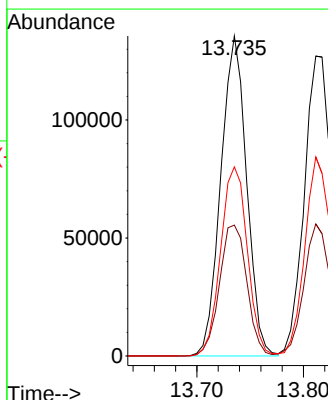
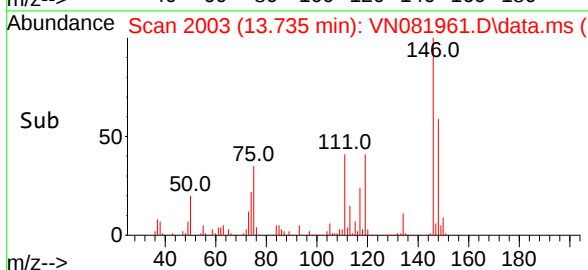
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

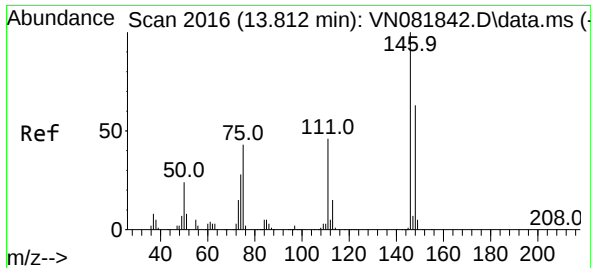


#87
1,3-Dichlorobenzene
Concen: 51.462 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02



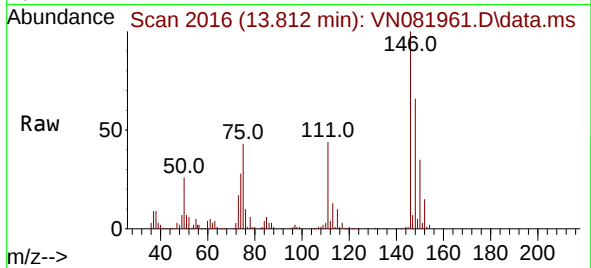
Tgt Ion:146 Resp: 228309
Ion Ratio Lower Upper
146 100
111 43.5 20.8 62.5
148 61.1 32.1 96.3





#88
1,4-Dichlorobenzene
Concen: 51.685 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

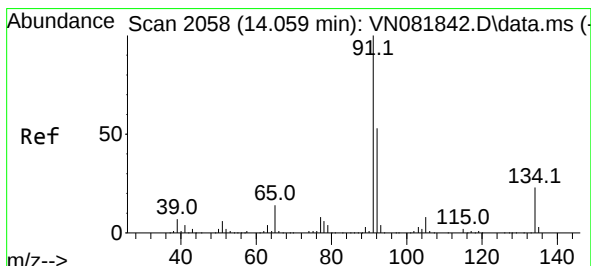
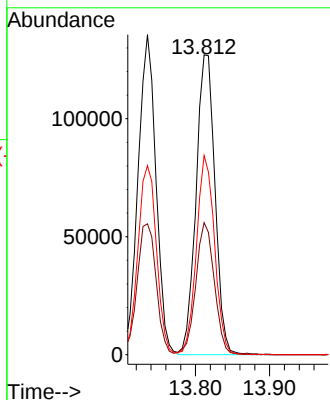
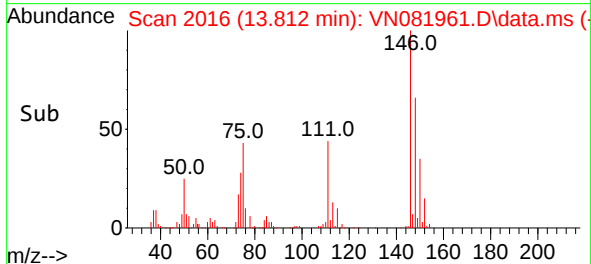
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:146 Resp: 225800
Ion Ratio Lower Upper
146 100
111 43.1 19.3 57.9
148 63.5 31.3 93.9

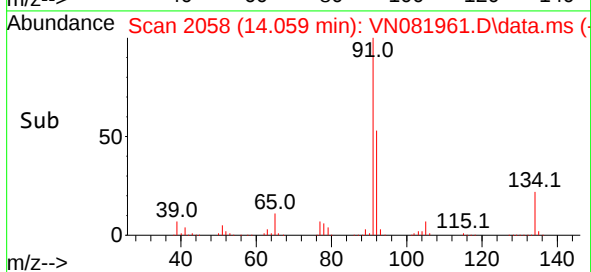
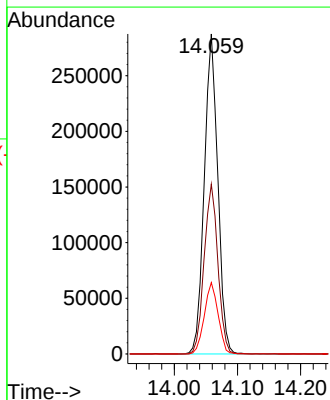
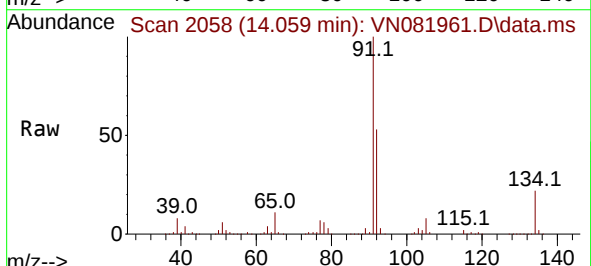
Manual Integrations
APPROVED

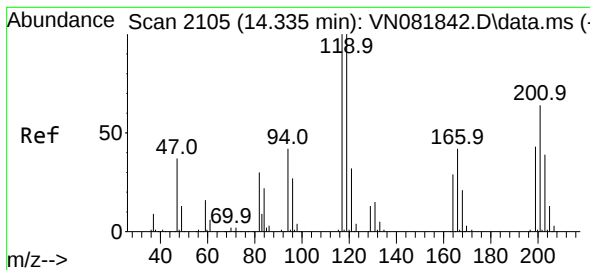
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#89
n-Butylbenzene
Concen: 50.549 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Tgt Ion: 91 Resp: 426095
Ion Ratio Lower Upper
91 100
92 54.0 26.2 78.5
134 22.8 13.2 39.5





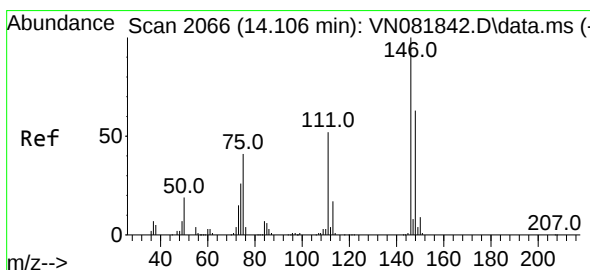
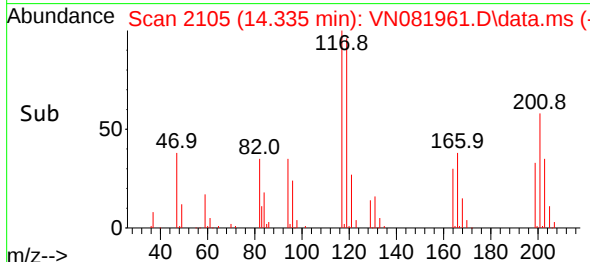
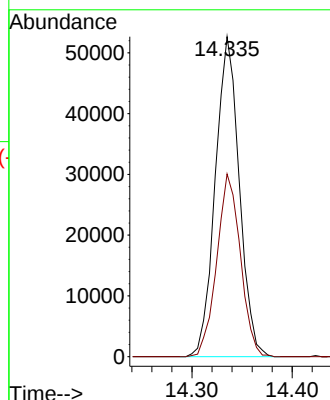
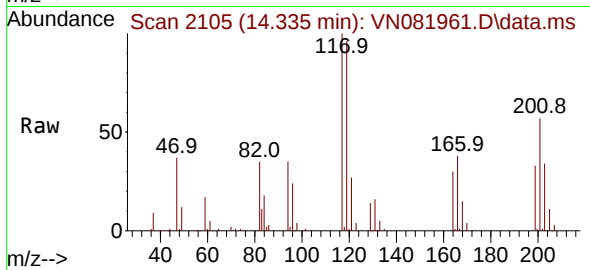
#90
Hexachloroethane
Concen: 49.061 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD

Tgt Ion:117 Resp: 8740
Ion Ratio Lower Upper
117 100
201 56.1 33.3 99.8

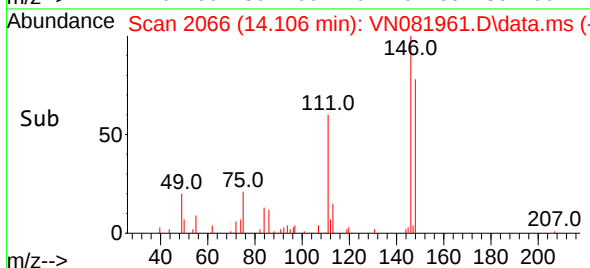
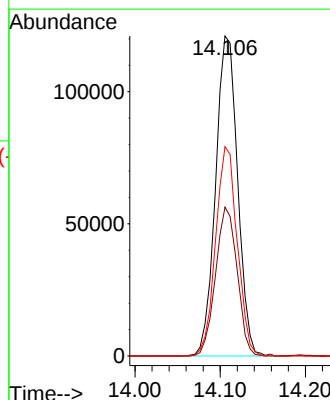
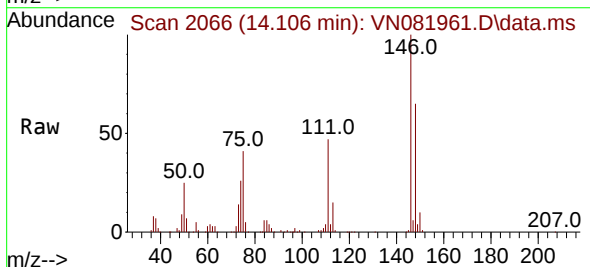
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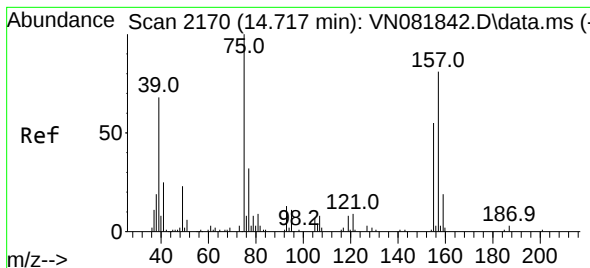
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#91
1,2-Dichlorobenzene
Concen: 51.075 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

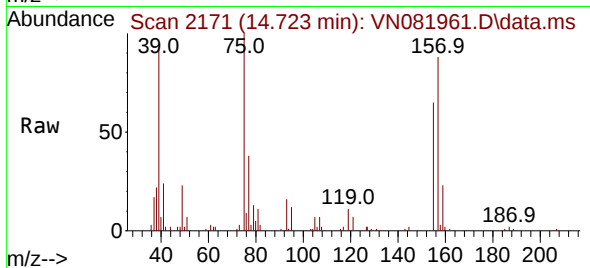
Tgt Ion:146 Resp: 217219
Ion Ratio Lower Upper
146 100
111 45.5 21.3 64.0
148 64.1 31.8 95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 42.379 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

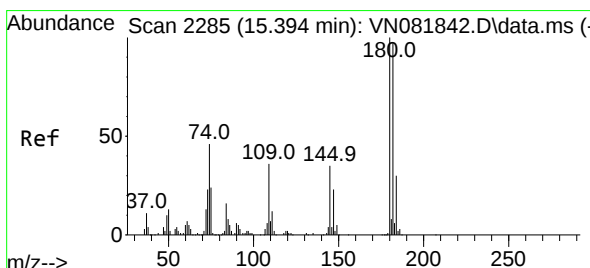
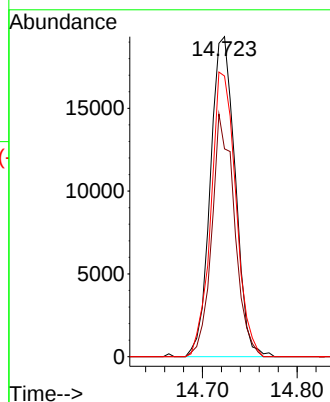
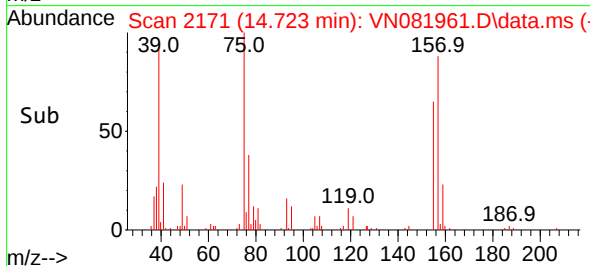
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 75 Resp: 35204
Ion Ratio Lower Upper
75 100
155 69.1 42.6 128.0
157 89.1 53.0 159.0

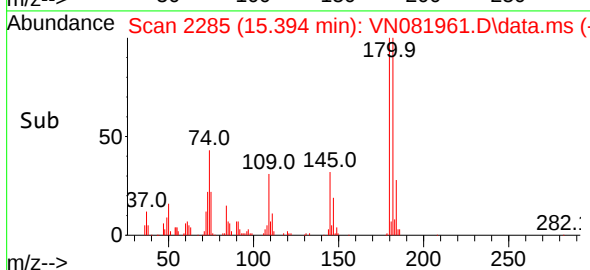
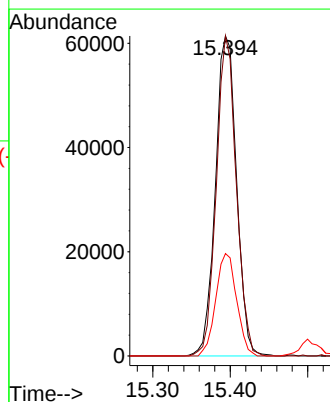
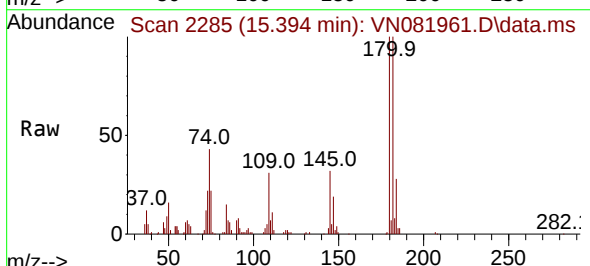
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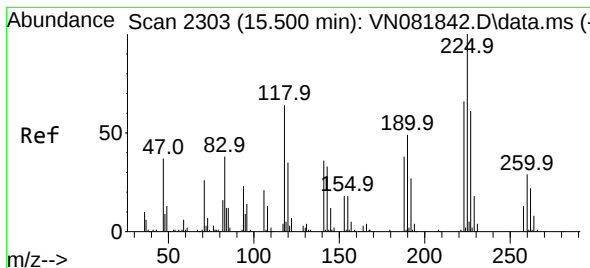
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#93
1,2,4-Trichlorobenzene
Concen: 48.887 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN081961.D
Acq: 01 May 2024 17:02

Tgt Ion:180 Resp: 116320
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.0
145 31.6 16.2 48.6





#94

Hexachlorobutadiene

Concen: 43.445 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20240429MSD

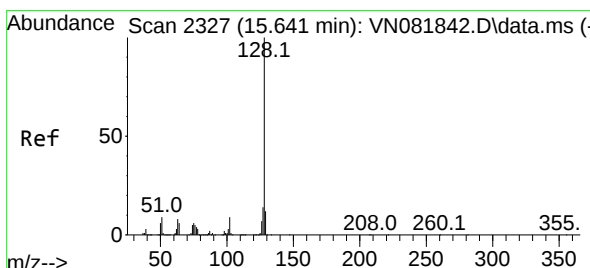
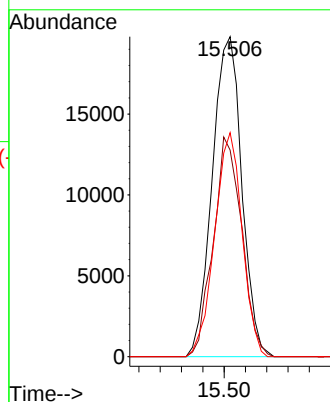
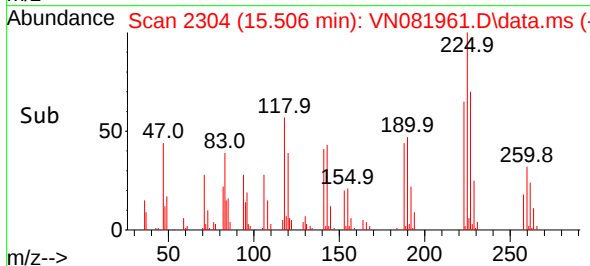
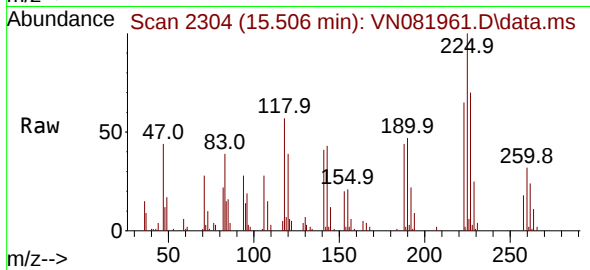
Tgt Ion:	225	Resp:	3810
Ion Ratio	Lower	Upper	
225	100		
223	66.1	31.1	93.2
227	65.1	30.6	91.6

Manual Integrations

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Reviewed By :John Carlone 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#95

Naphthalene

Concen: 49.409 ug/l

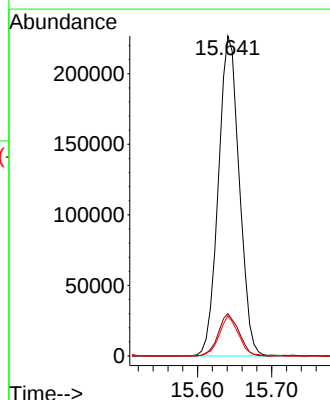
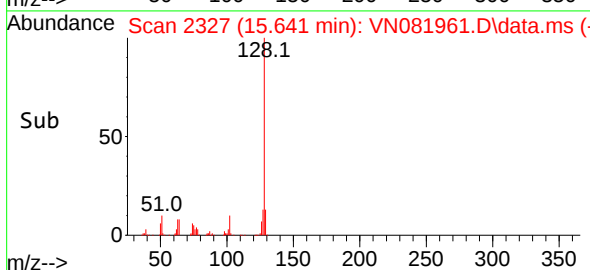
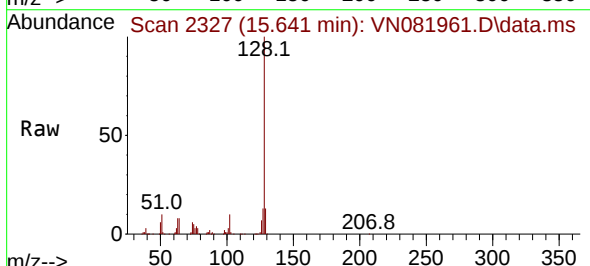
RT: 15.641 min Scan# 2327

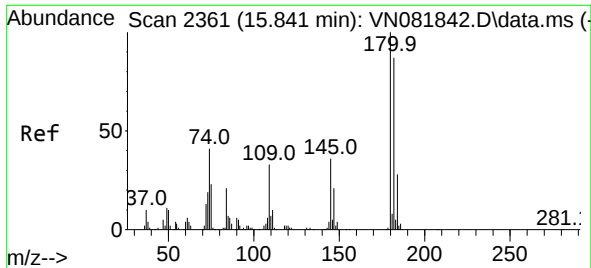
Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

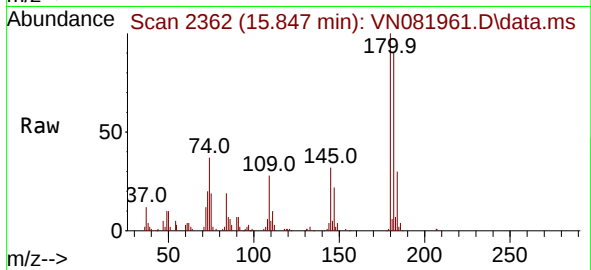
Tgt Ion:	128	Resp:	444231
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	11.5	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 49.856 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN081961.D
 Acq: 01 May 2024 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20240429MSD



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.0	137.8
145	35.7	17.1	51.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

