

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081122.D
 Acq On : 21 Feb 2024 16:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2024
 Supervised By : Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 04:48:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	346456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	614488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	556333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189083	44.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.060%		
35) Dibromofluoromethane	8.165	113	162331	46.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.440%		
50) Toluene-d8	10.565	98	543749	44.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.120%		
62) 4-Bromofluorobenzene	12.847	95	215406	46.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	227228	50.715	ug/l	100
3) Chloromethane	2.359	50	231247	47.233	ug/l	97
4) Vinyl Chloride	2.518	62	248463	49.924	ug/l	95
5) Bromomethane	2.959	94	169289	47.892	ug/l	98
6) Chloroethane	3.124	64	163374	50.786	ug/l	99
7) Trichlorofluoromethane	3.501	101	373989	51.438	ug/l	97
8) Diethyl Ether	3.959	74	133815	50.341	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	211870	52.273	ug/l	90
10) Methyl Iodide	4.589	142	240700	53.203	ug/l	98
11) Tert butyl alcohol	5.512	59	182666	233.898	ug/l	99
12) 1,1-Dichloroethene	4.342	96	200526	51.181	ug/l	90
13) Acrolein	4.177	56	169974	406.074	ug/l	98
14) Allyl chloride	5.024	41	292810	50.368	ug/l #	89
15) Acrylonitrile	5.718	53	480284	235.477	ug/l	97
16) Acetone	4.424	43	289402	173.198	ug/l	99
17) Carbon Disulfide	4.718	76	549713	50.303	ug/l #	95
18) Methyl Acetate	5.018	43	219911	53.950	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	679760	50.657	ug/l	96
20) Methylene Chloride	5.277	84	228829	52.992	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	219115	50.126	ug/l	97
22) Diisopropyl ether	6.671	45	687202	52.111	ug/l #	93
23) Vinyl Acetate	6.600	43	2723964	254.593	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	403167	52.874	ug/l	95
25) 2-Butanone	7.483	43	577114	213.790	ug/l	91
26) 2,2-Dichloropropane	7.489	77	375316	52.532	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	256389	50.483	ug/l	89
28) Bromochloromethane	7.812	49	158745	50.218	ug/l #	66
29) Tetrahydrofuran	7.836	42	414160	229.833	ug/l #	87
30) Chloroform	7.965	83	426574	52.625	ug/l	98
31) Cyclohexane	8.259	56	356595	48.632	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	379904	51.461	ug/l	92
36) 1,1-Dichloropropene	8.371	75	325809	54.730	ug/l	97
37) Ethyl Acetate	7.559	43	264533	49.237	ug/l	99
38) Carbon Tetrachloride	8.365	117	330676	54.904	ug/l	97
39) Methylcyclohexane	9.600	83	399965	57.636	ug/l	89
40) Benzene	8.606	78	938724	54.479	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	142864	46.723	ug/l	92
42) 1,2-Dichloroethane	8.671	62	318346	52.956	ug/l	98
43) Isopropyl Acetate	8.688	43	480344	51.120	ug/l	96
44) Trichloroethene	9.353	130	239999	52.295	ug/l	93
45) 1,2-Dichloropropane	9.624	63	230674	53.518	ug/l	92
46) Dibromomethane	9.706	93	162928	51.880	ug/l	92
47) Bromodichloromethane	9.888	83	321292	54.018	ug/l #	97
48) Methyl methacrylate	9.682	41	221311	50.618	ug/l	92
49) 1,4-Dioxane	9.694	88	79634	989.343	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1325052	245.141	ug/l	94
52) Toluene	10.629	92	596254	54.660	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	362146	54.790	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	387218	54.223	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	222063	52.928	ug/l	94
56) Ethyl methacrylate	10.877	69	337976	52.708	ug/l	87
57) 1,3-Dichloropropane	11.165	76	384741	53.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	777596	241.693	ug/l #	88
59) 2-Hexanone	11.194	43	959358	223.871	ug/l	94
60) Dibromochloromethane	11.359	129	242167	54.333	ug/l	98
61) 1,2-Dibromoethane	11.471	107	230470	52.238	ug/l	98
64) Tetrachloroethene	11.106	164	203775	53.668	ug/l	91
65) Chlorobenzene	11.894	112	626356	52.020	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	225067	52.042	ug/l	97
67) Ethyl Benzene	11.965	91	1155047	53.609	ug/l	95
68) m/p-Xylenes	12.071	106	881325	106.717	ug/l	96
69) o-Xylene	12.400	106	437289	53.417	ug/l	91
70) Styrene	12.412	104	701470	54.075	ug/l	97
71) Bromoform	12.582	173	154122	56.171	ug/l #	99
73) Isopropylbenzene	12.694	105	1130122	48.108	ug/l	98
74) N-amyl acetate	12.494	43	426103	42.918	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	311993	47.232	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	267938m	43.922	ug/l	
77) Bromobenzene	12.982	156	248781	47.496	ug/l	74
78) n-propylbenzene	13.035	91	1355556	50.126	ug/l	96
79) 2-Chlorotoluene	13.123	91	789432	47.593	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	944199	49.573	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	103925	43.849	ug/l #	88
82) 4-Chlorotoluene	13.223	91	786837	48.514	ug/l	95
83) tert-Butylbenzene	13.441	119	804971	48.877	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	956829	50.414	ug/l	96
85) sec-Butylbenzene	13.618	105	1195982	52.237	ug/l	94
86) p-Isopropyltoluene	13.729	119	994765	52.308	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	486963	49.204	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	488535	50.237	ug/l	97
89) n-Butylbenzene	14.059	91	895472	54.049	ug/l	97
90) Hexachloroethane	14.335	117	167363	53.241	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	475260	49.790	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59286	43.169	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	283652	53.266	ug/l	100
94) Hexachlorobutadiene	15.506	225	107927	54.343	ug/l	95
95) Naphthalene	15.641	128	946858	48.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	270680	51.238	ug/l	99

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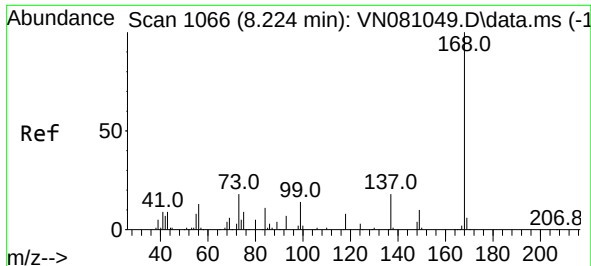
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

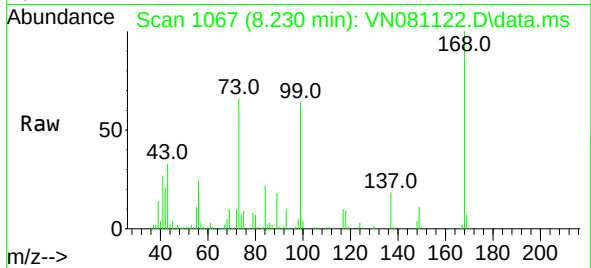
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
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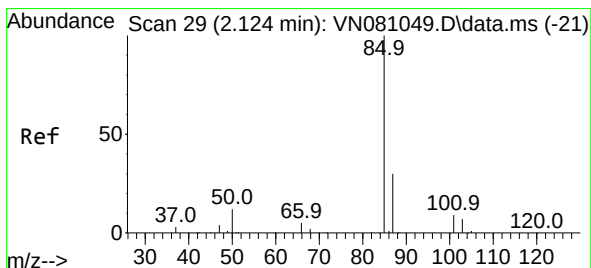
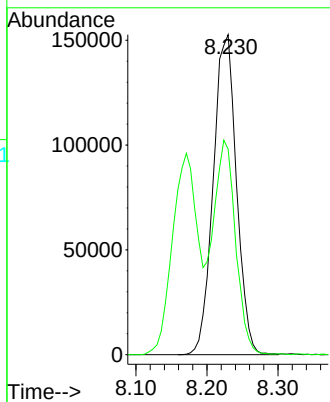
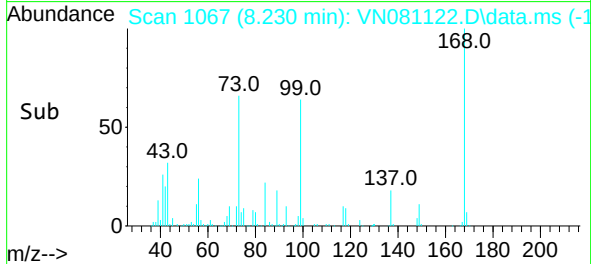
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 346450
Ion Ratio Lower Upper
168 100
99 64.0 59.9 89.9

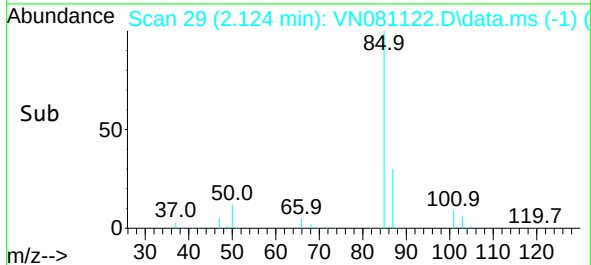
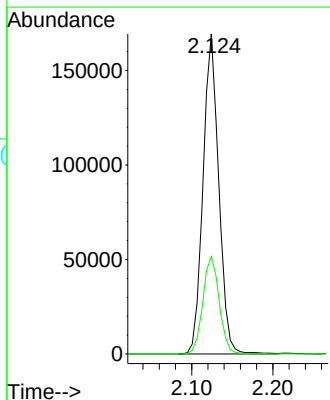
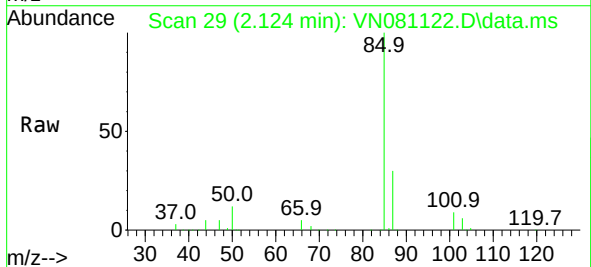
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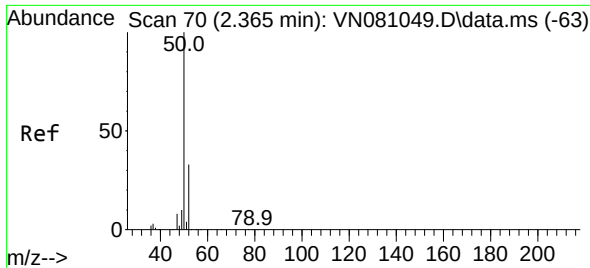
Reviewed By :John Carlone 02/22/2024
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#2
Dichlorodifluoromethane
Concen: 50.715 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Tgt Ion: 85 Resp: 227228
Ion Ratio Lower Upper
85 100
87 30.5 15.3 45.9





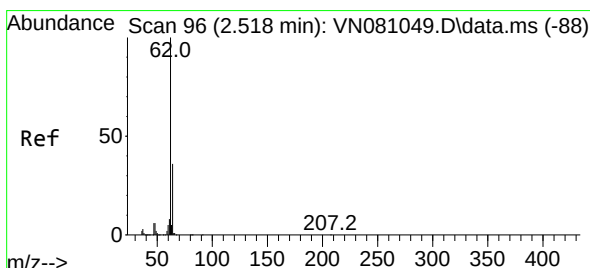
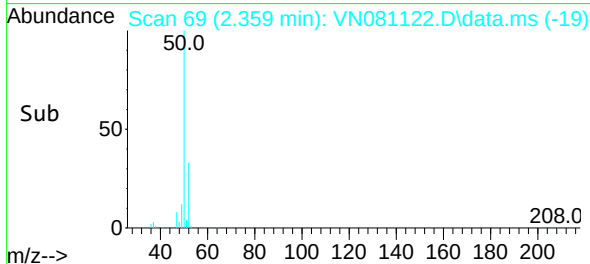
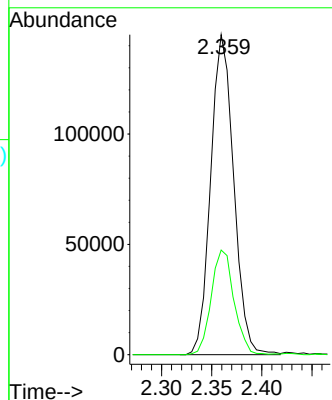
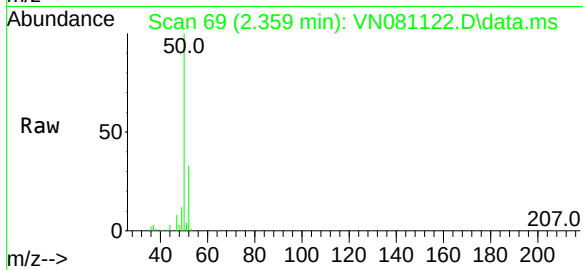
#3
Chloromethane
Concen: 47.233 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

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Tgt Ion: 50 Resp: 23124
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

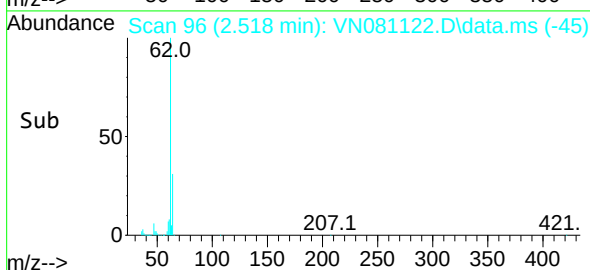
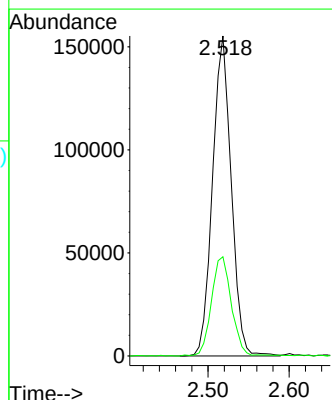
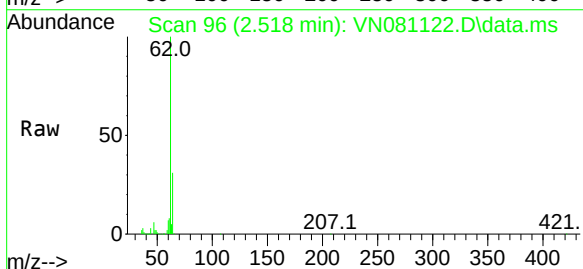
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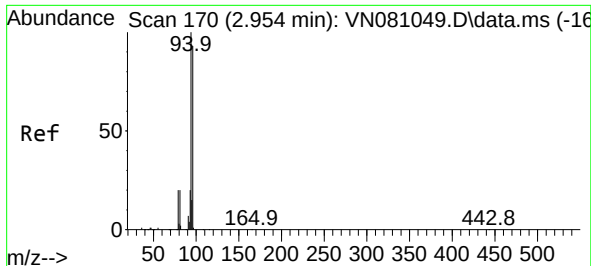
Reviewed By :John Carlone 02/22/2024
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#4
Vinyl Chloride
Concen: 49.924 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Tgt Ion: 62 Resp: 248463
Ion Ratio Lower Upper
62 100
64 31.0 22.7 34.1





#5

Bromomethane

Concen: 47.892 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 169289

Ion Ratio Lower Upper

94 100

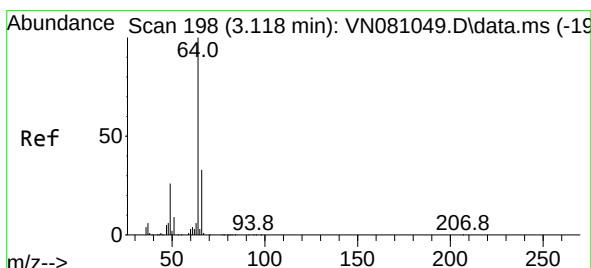
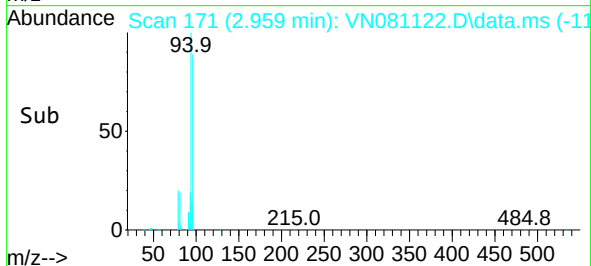
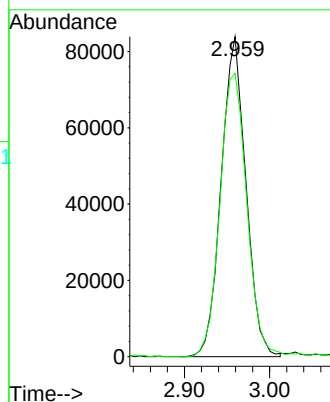
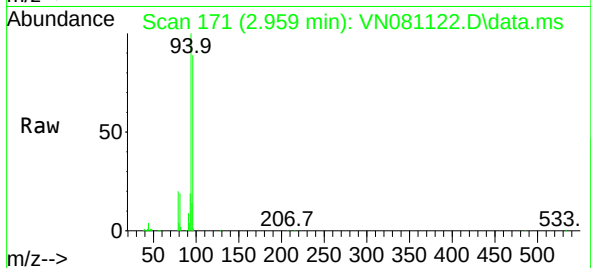
96 88.5 69.2 103.8

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#6

Chloroethane

Concen: 50.786 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN081122.D

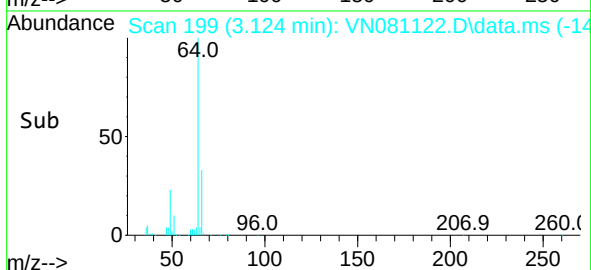
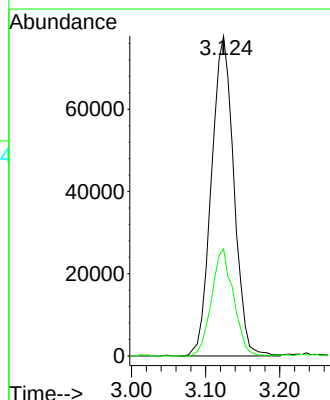
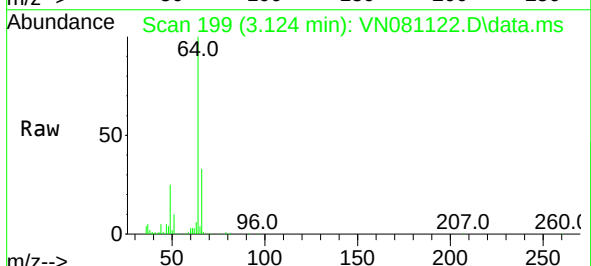
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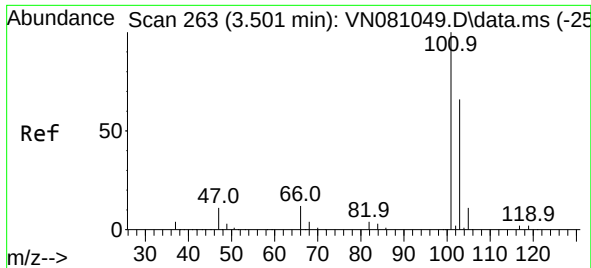
Tgt Ion: 64 Resp: 163374

Ion Ratio Lower Upper

64 100

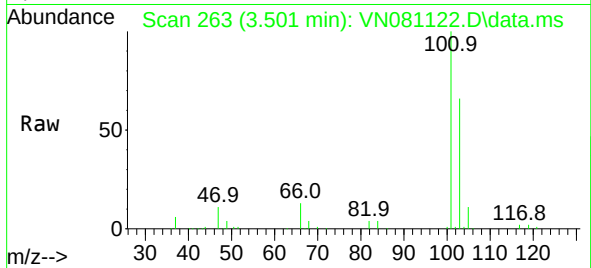
66 33.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 51.438 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081122.D
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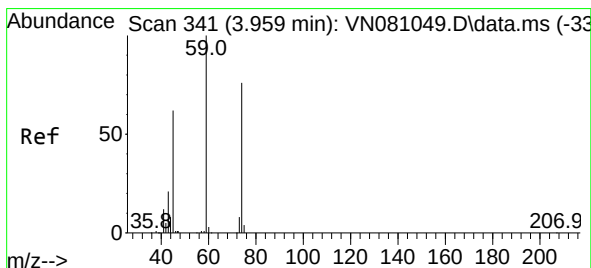
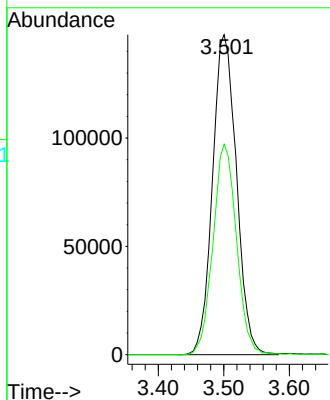
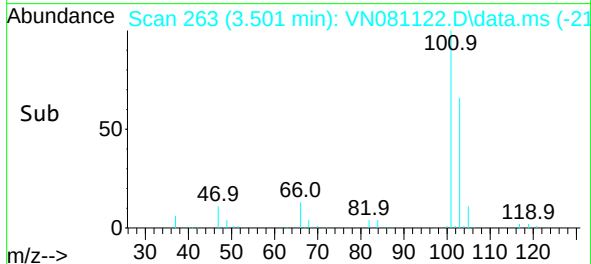
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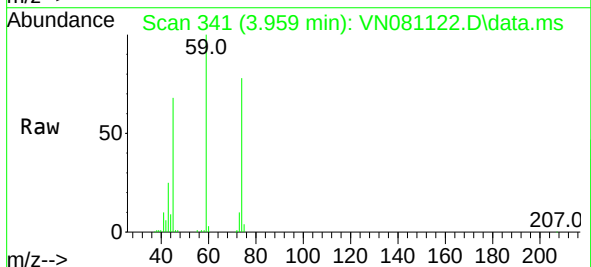
Tgt Ion:101 Resp: 373989
Ion Ratio Lower Upper
101 100
103 65.8 54.4 81.6

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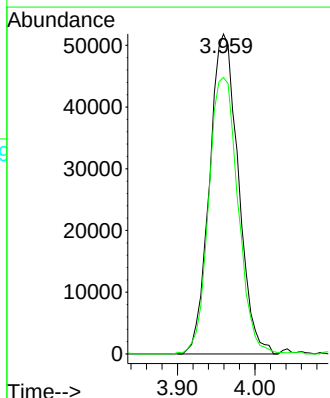
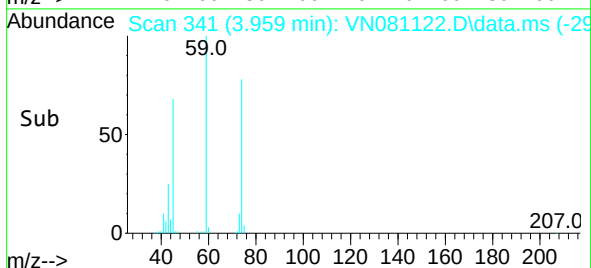
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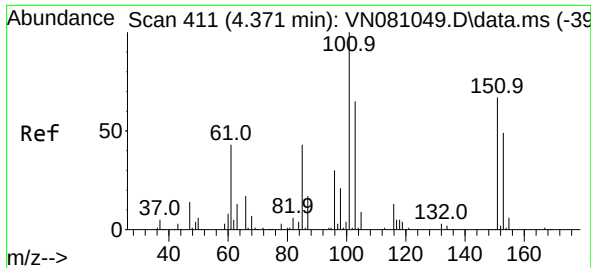


#8
Diethyl Ether
Concen: 50.341 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 133815
Ion Ratio Lower Upper
74 100
45 88.0 53.3 159.9





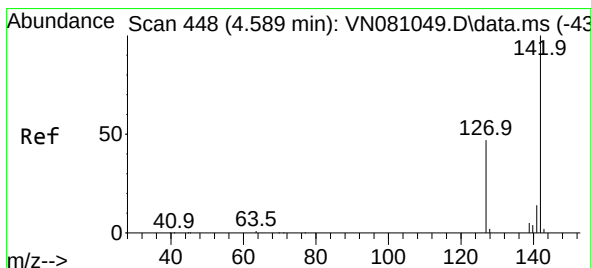
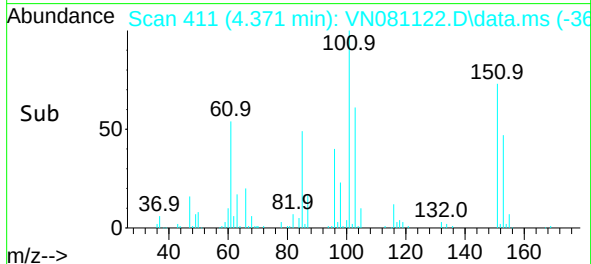
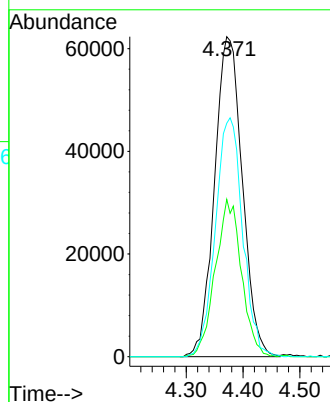
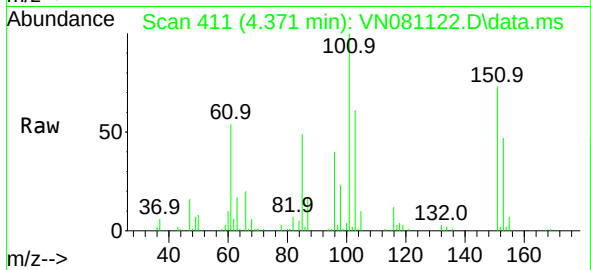
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.273 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 211870
Ion Ratio Lower Upper
101 100
85 46.2 38.1 57.1
151 73.2 49.1 73.7

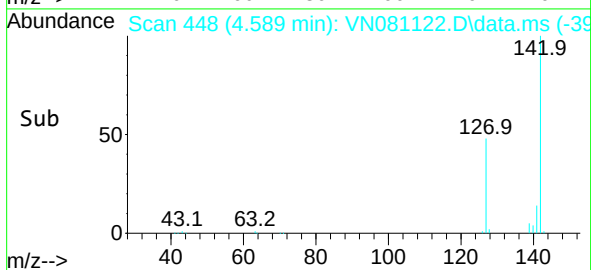
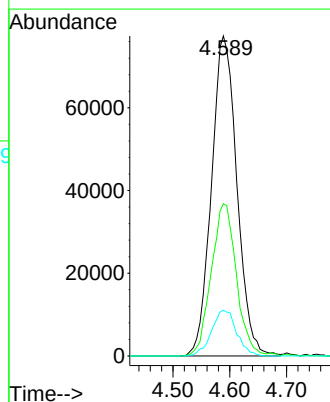
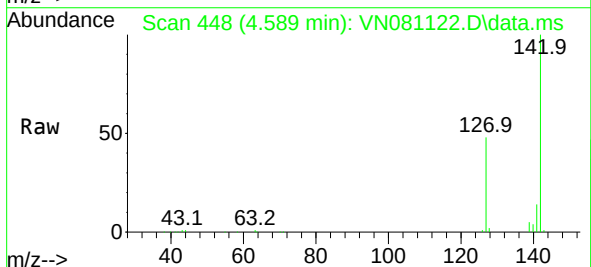
Manual Integrations
APPROVED

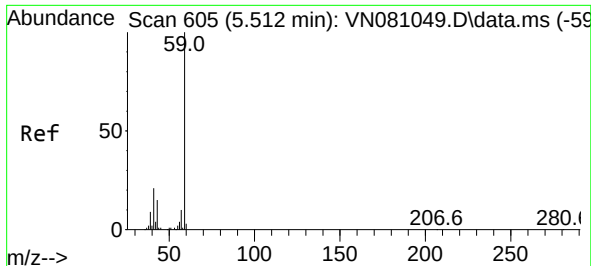
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#10
Methyl Iodide
Concen: 53.203 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

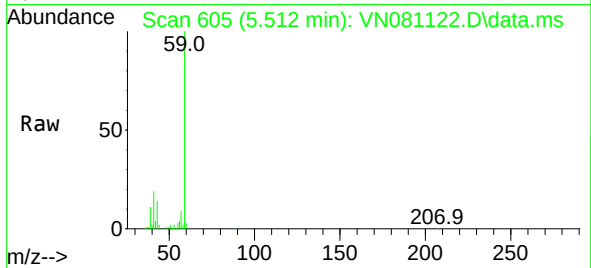
Tgt Ion:142 Resp: 240700
Ion Ratio Lower Upper
142 100
127 47.6 37.0 55.4
141 14.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 233.898 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

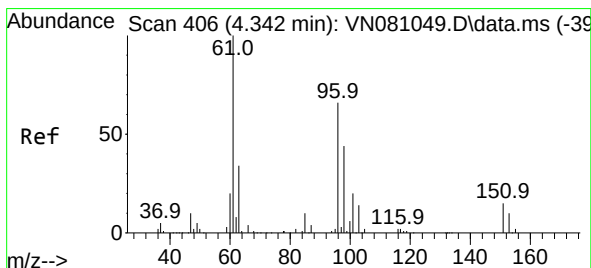
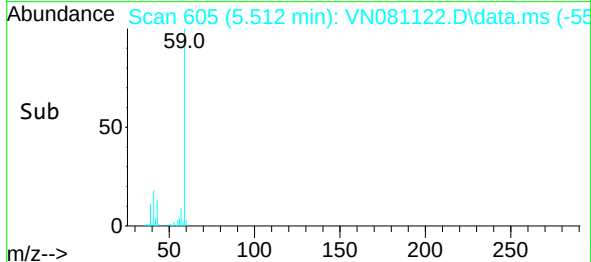
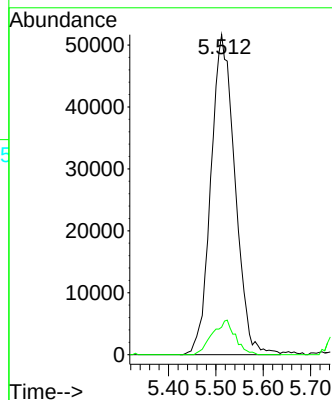
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 182660
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

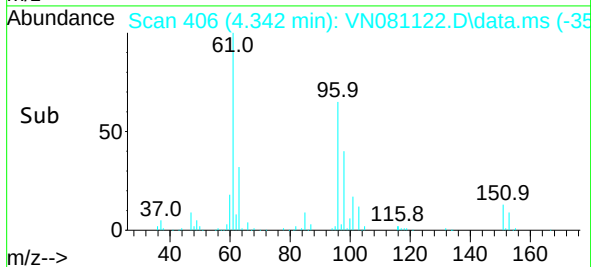
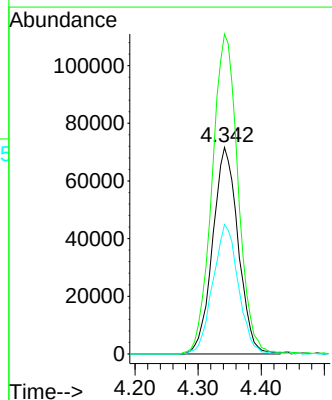
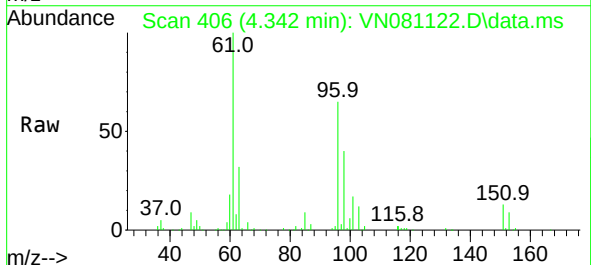
Manual Integrations
APPROVED

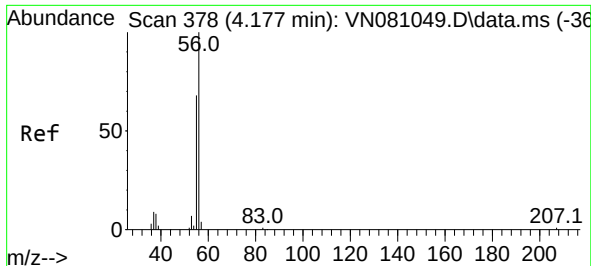
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#12
1,1-Dichloroethene
Concen: 51.181 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

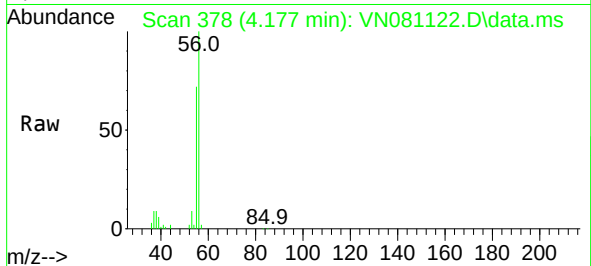
Tgt Ion: 96 Resp: 200526
Ion Ratio Lower Upper
96 100
61 154.9 138.2 207.4
98 62.7 49.2 73.8





#13
Acrolein
Concen: 406.074 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

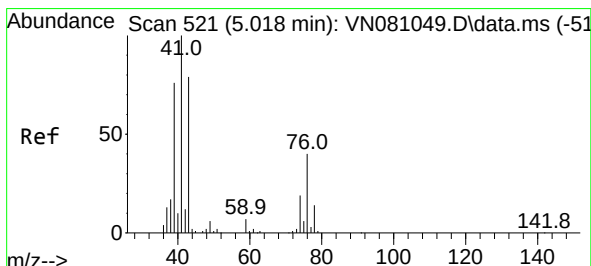
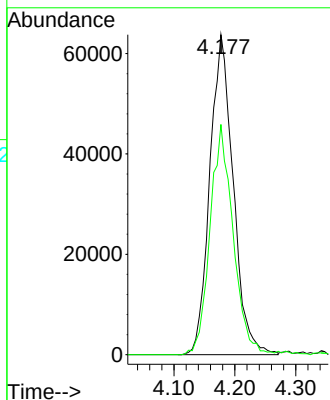
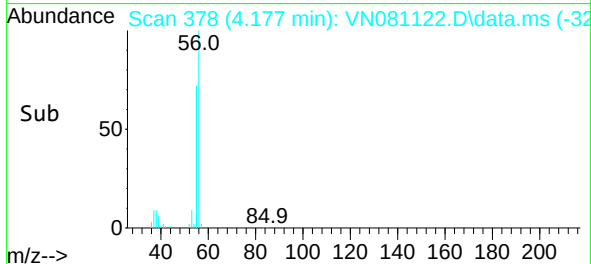
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 169974
Ion Ratio Lower Upper
56 100
55 70.7 55.3 82.9

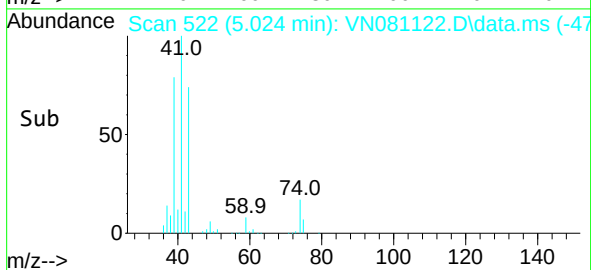
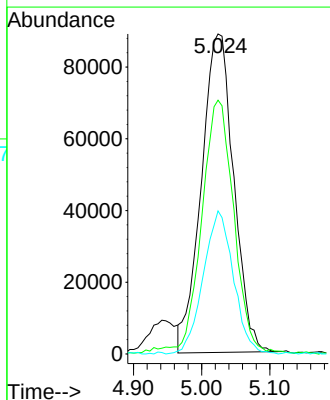
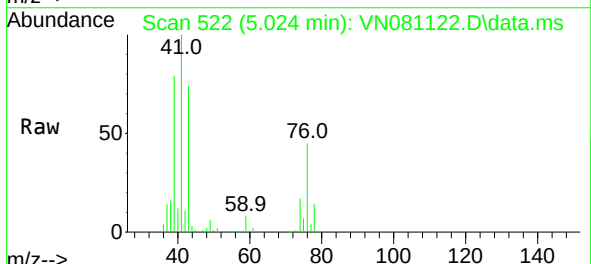
Manual Integrations
APPROVED

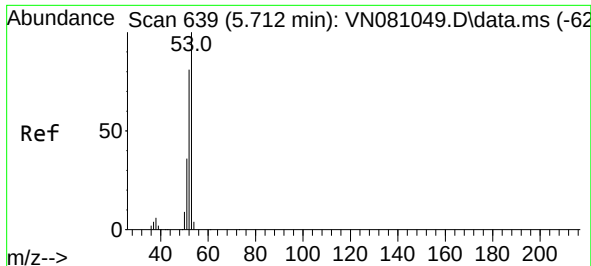
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#14
Allyl chloride
Concen: 50.368 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

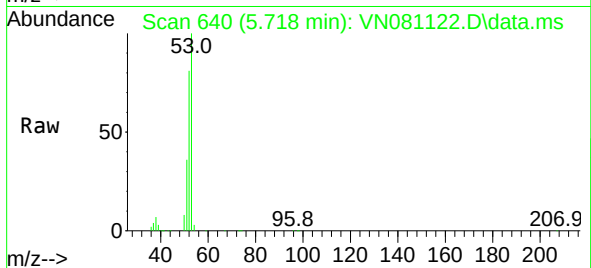
Tgt Ion: 41 Resp: 292810
Ion Ratio Lower Upper
41 100
39 80.3 57.7 86.5
76 41.9 26.8 40.2#





#15
Acrylonitrile
Concen: 235.477 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

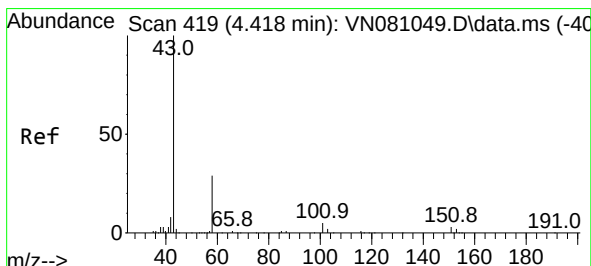
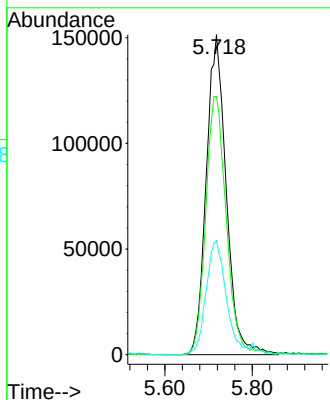
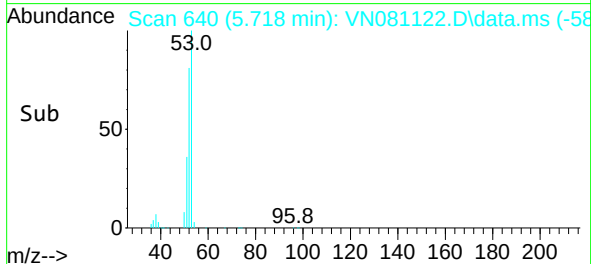
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



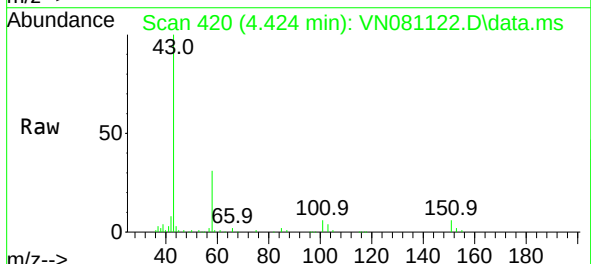
Tgt Ion: 53 Resp: 480284
Ion Ratio Lower Upper
53 100
52 83.4 64.8 97.2
51 36.0 26.9 40.3

Manual Integrations
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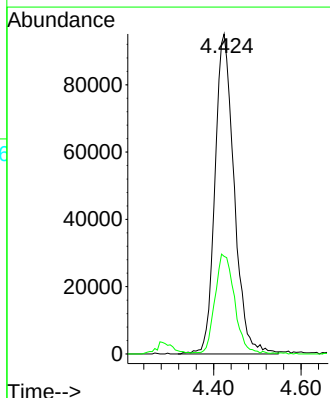
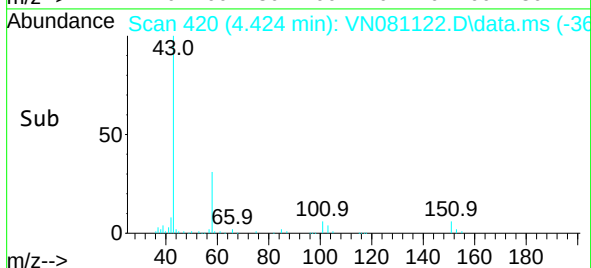
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

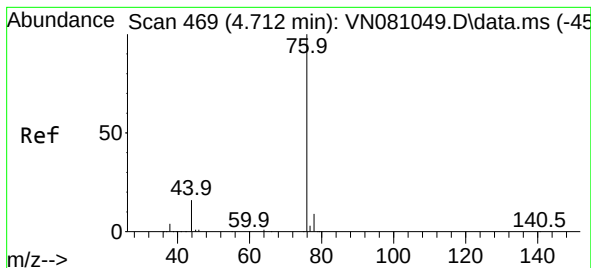


#16
Acetone
Concen: 173.198 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



Tgt Ion: 43 Resp: 289402
Ion Ratio Lower Upper
43 100
58 30.3 24.8 37.2





#17

Carbon Disulfide

Concen: 50.303 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 54971

Ion Ratio Lower Upper

76 100

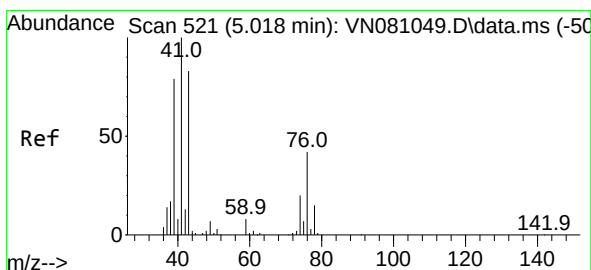
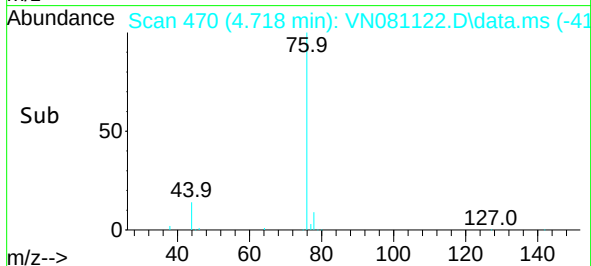
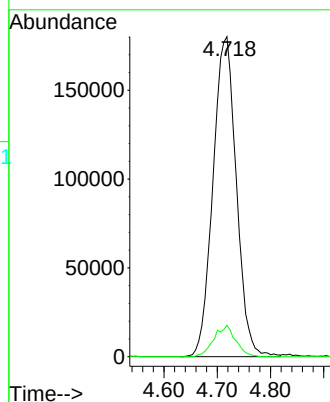
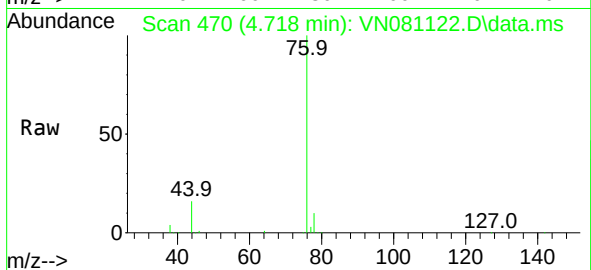
78 9.8 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#18

Methyl Acetate

Concen: 53.950 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081122.D

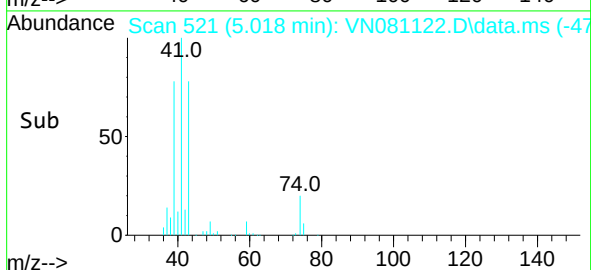
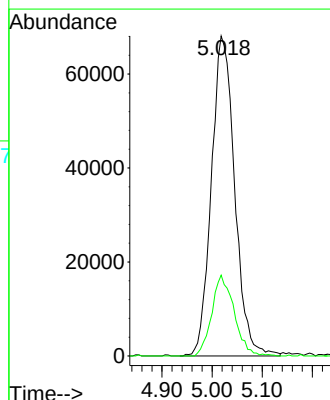
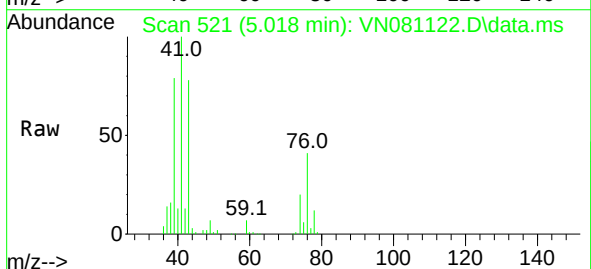
Acq: 21 Feb 2024 16:23

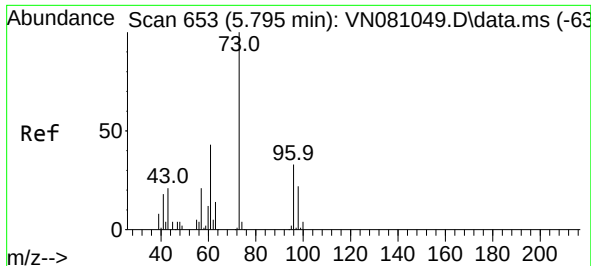
Tgt Ion: 43 Resp: 219911

Ion Ratio Lower Upper

43 100

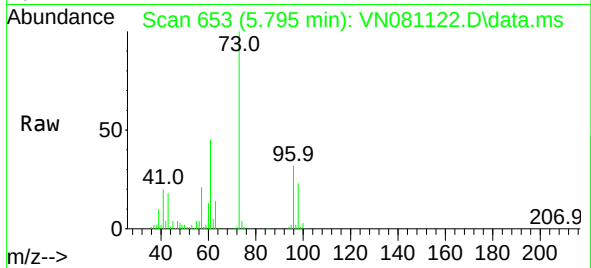
74 24.2 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 50.657 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

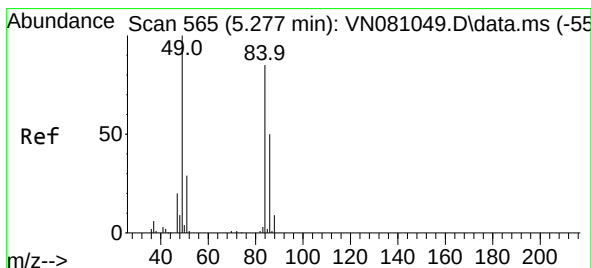
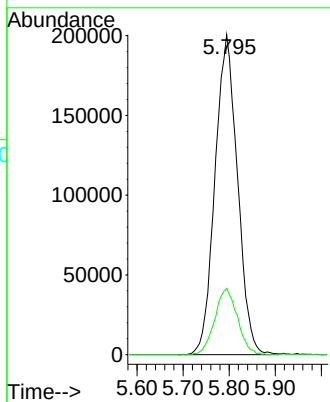
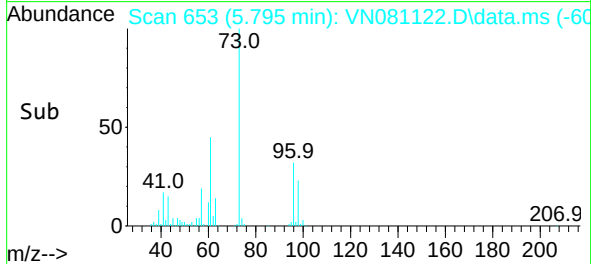
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 679760
Ion Ratio Lower Upper
73 100
57 20.7 18.2 27.4

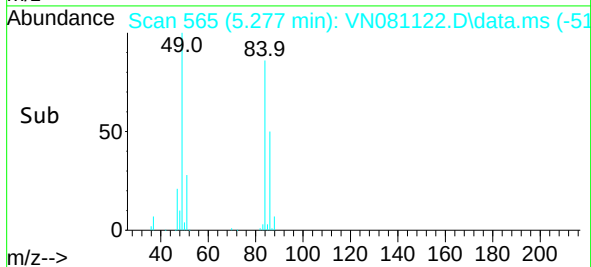
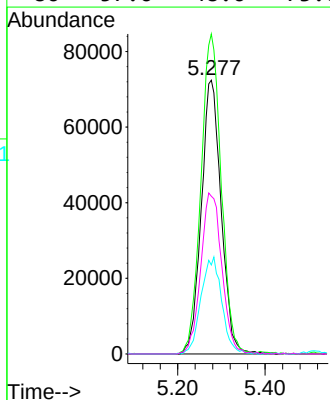
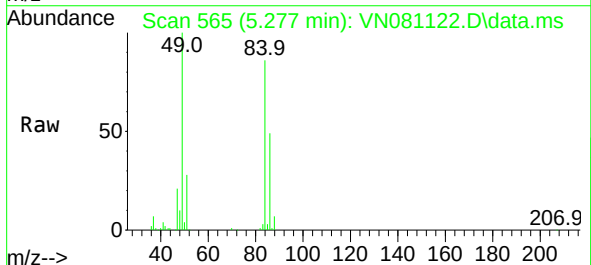
Manual Integrations
APPROVED

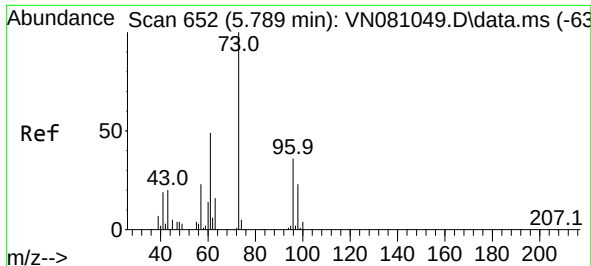
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#20
Methylene Chloride
Concen: 52.992 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

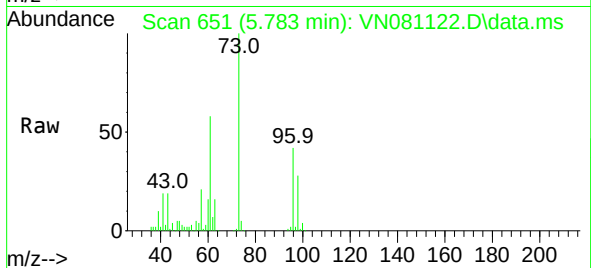
Tgt Ion: 84 Resp: 228829
Ion Ratio Lower Upper
84 100
49 116.9 108.1 162.1
51 32.3 32.9 49.3#
86 57.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 50.126 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

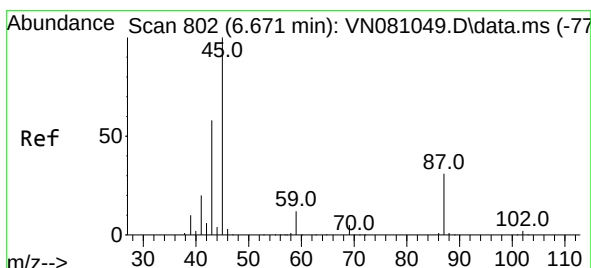
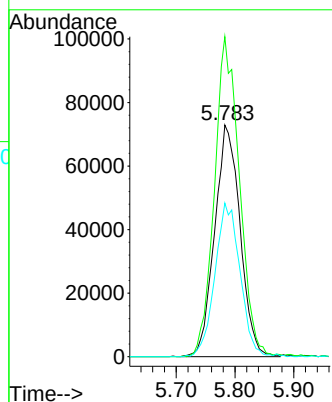
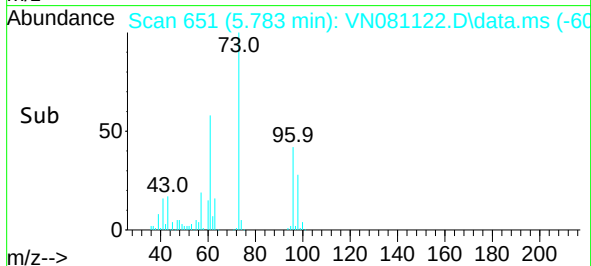
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 21911
Ion Ratio Lower Upper
96 100
61 138.1 112.8 169.2
98 66.3 51.0 76.4

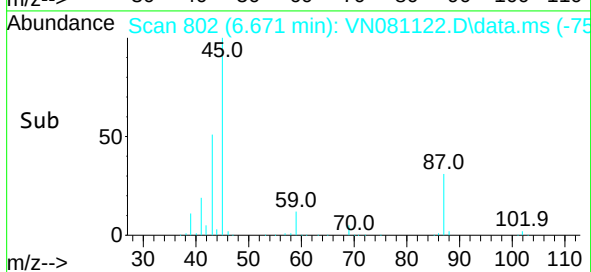
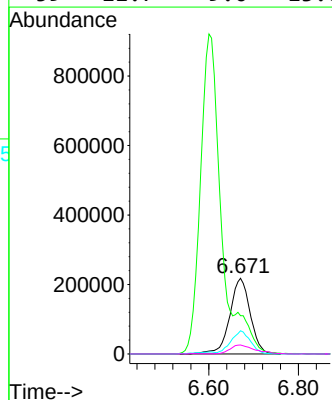
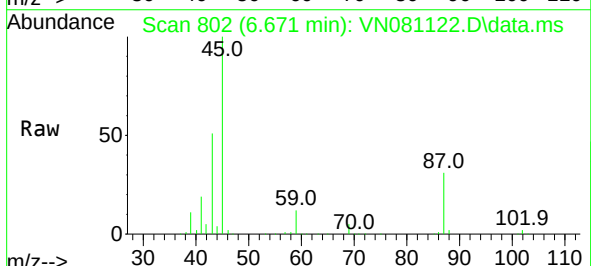
Manual Integrations
APPROVED

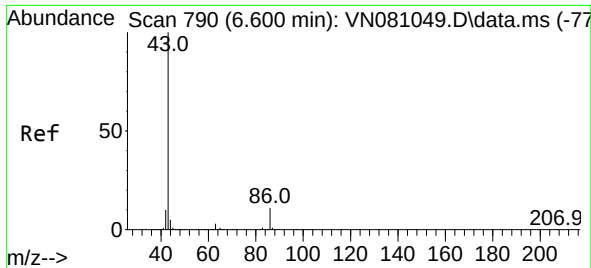
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#22
Diisopropyl ether
Concen: 52.111 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

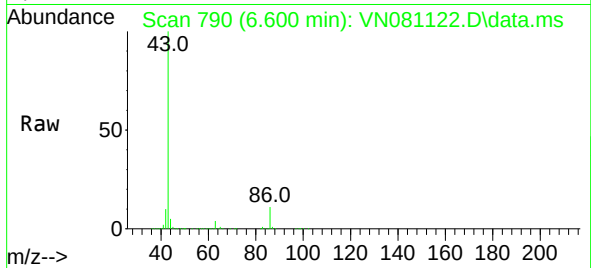
Tgt Ion: 45 Resp: 687202
Ion Ratio Lower Upper
45 100
43 49.7 41.8 62.8
87 30.3 18.1 27.1#
59 11.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 254.593 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081122.D
 Acq: 21 Feb 2024 16:23

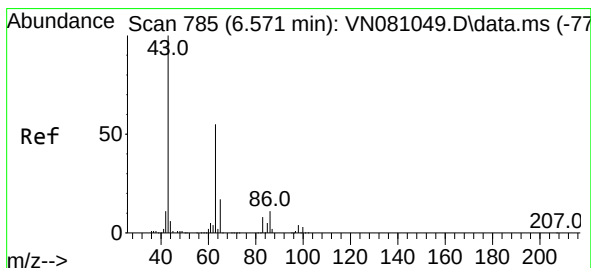
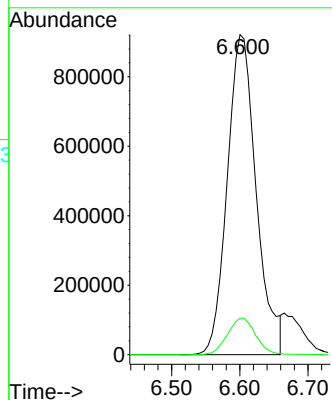
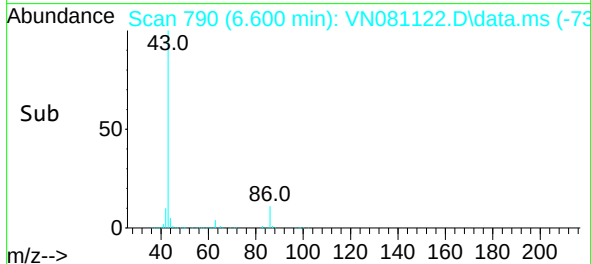
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



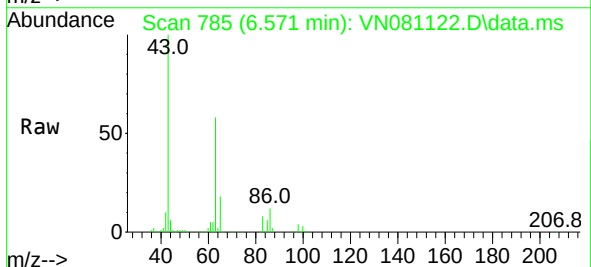
Tgt Ion: 43 Resp: 2723964
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7

Manual Integrations
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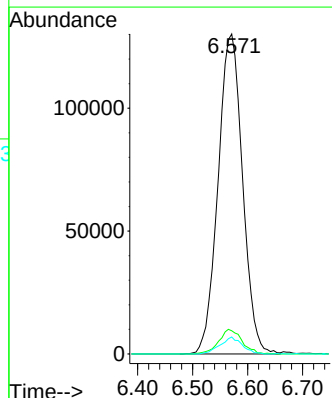
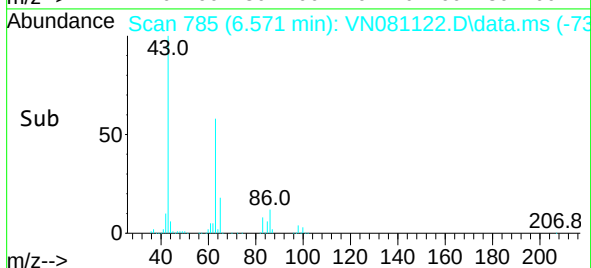
Reviewed By :John Carlone 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

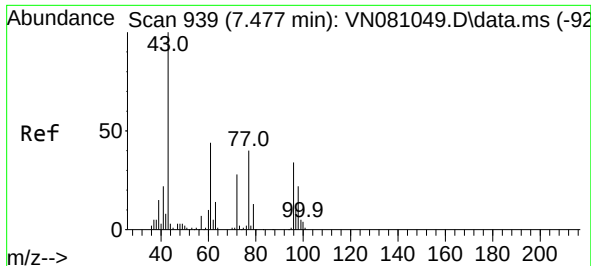


#24
 1,1-Dichloroethane
 Concen: 52.874 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081122.D
 Acq: 21 Feb 2024 16:23



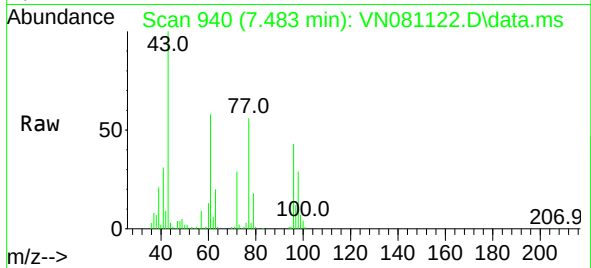
Tgt Ion: 63 Resp: 403167
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 5.3 1.9 5.7





#25
2-Butanone
Concen: 213.790 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

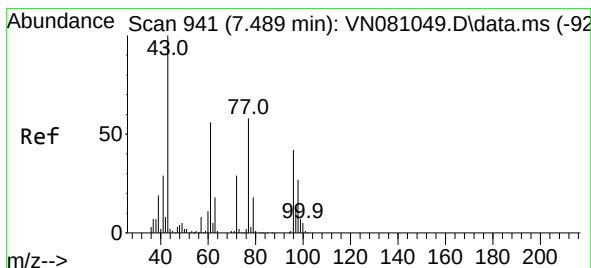
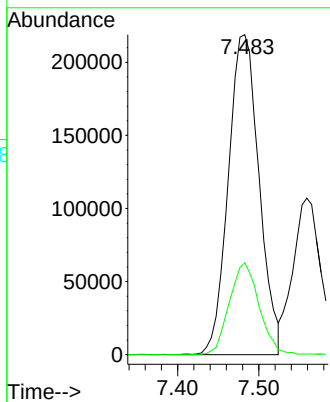
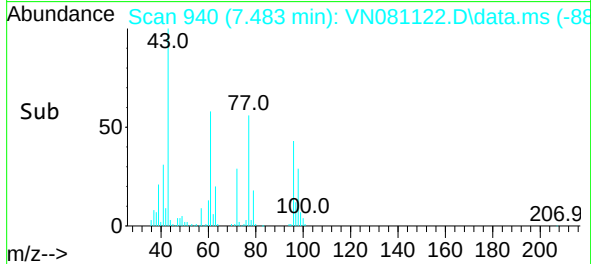
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



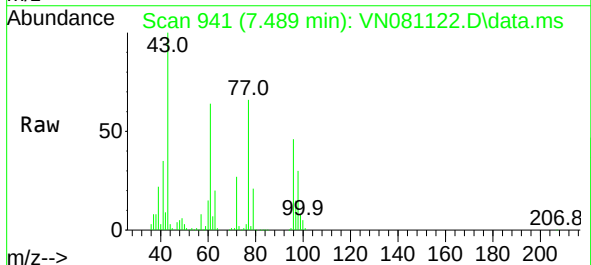
Tgt Ion: 43 Resp: 577114
Ion Ratio Lower Upper
43 100
72 28.7 19.5 29.3

Manual Integrations
APPROVED

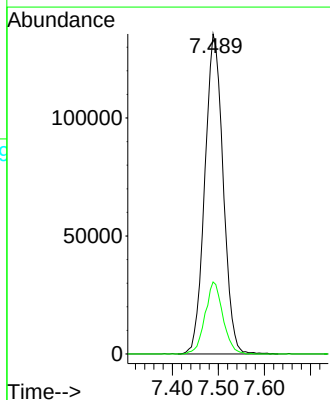
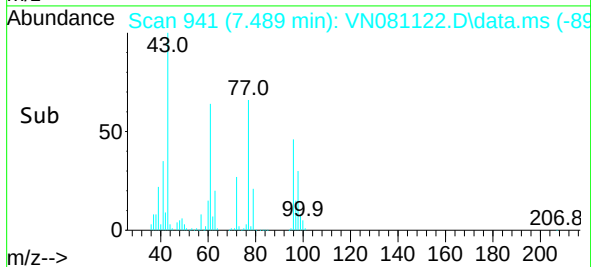
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

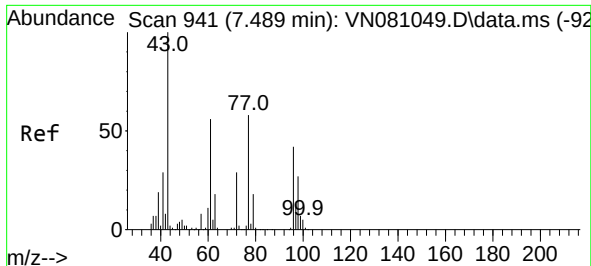


#26
2,2-Dichloropropane
Concen: 52.532 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



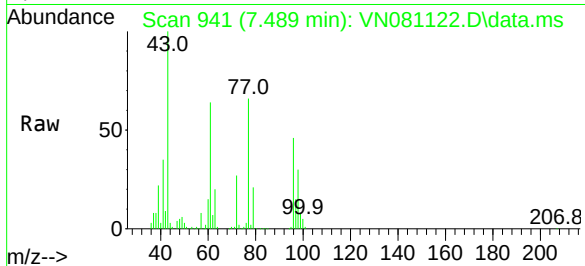
Tgt Ion: 77 Resp: 375316
Ion Ratio Lower Upper
77 100
97 21.9 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 50.483 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

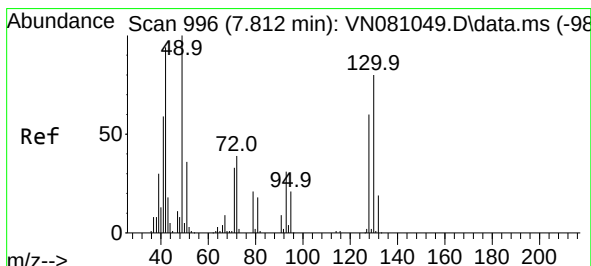
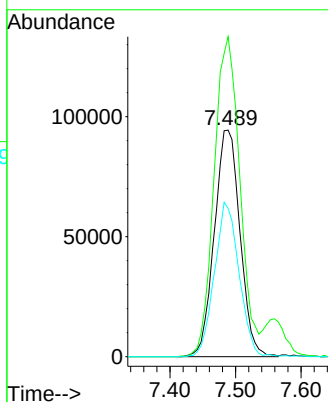
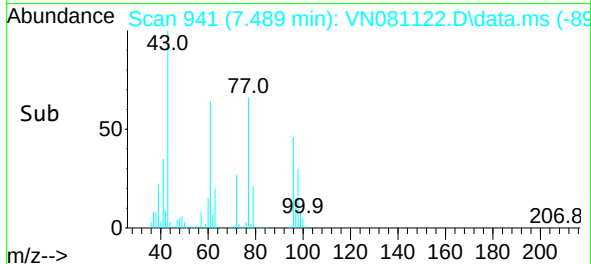
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 256389
Ion Ratio Lower Upper
96 100
61 141.6 0.0 325.4
98 65.2 0.0 130.4

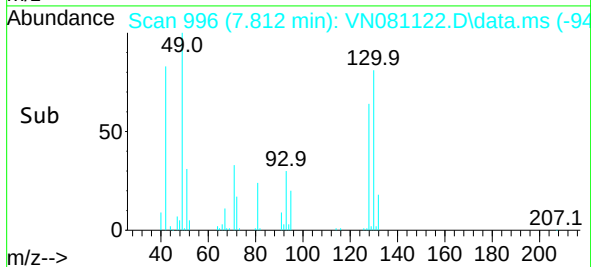
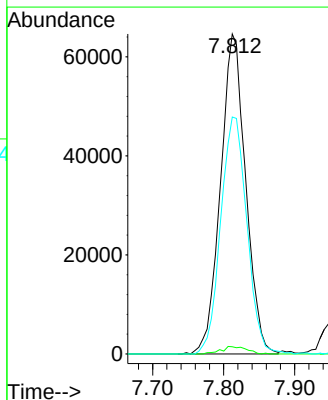
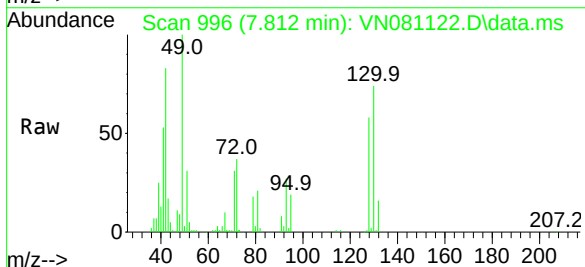
Manual Integrations
APPROVED

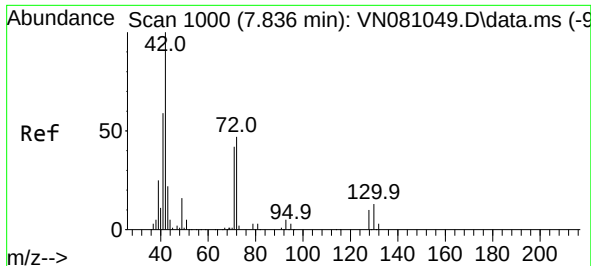
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#28
Bromochloromethane
Concen: 50.218 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

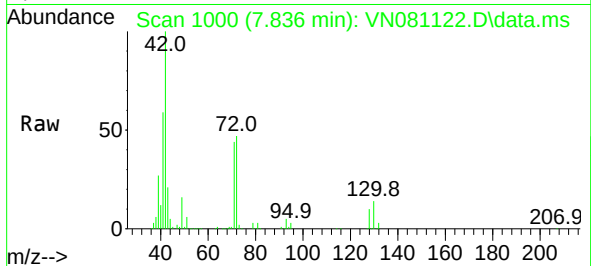
Tgt Ion: 49 Resp: 158745
Ion Ratio Lower Upper
49 100
129 2.4 0.0 1.6#
130 77.1 42.3 63.5#





#29
Tetrahydrofuran
Concen: 229.833 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

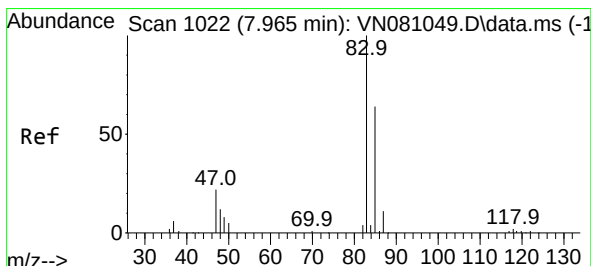
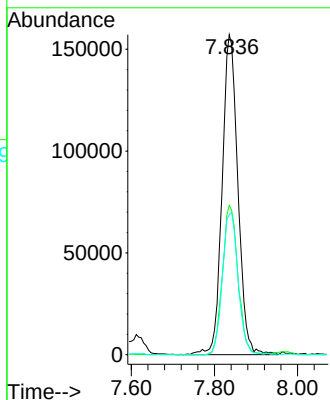
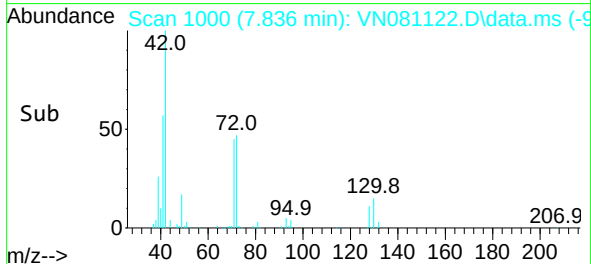
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 414160
Ion Ratio Lower Upper
42 100
72 46.0 31.1 46.7
71 44.0 28.3 42.5

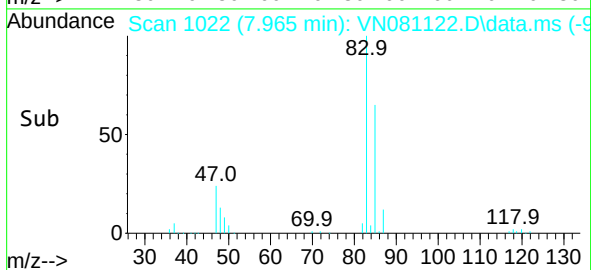
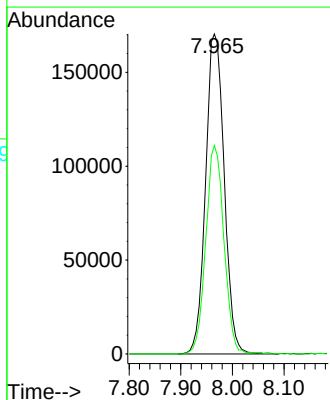
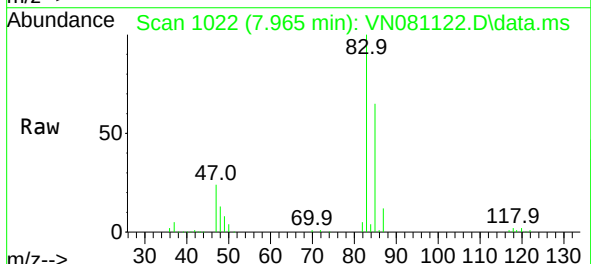
Manual Integrations
APPROVED

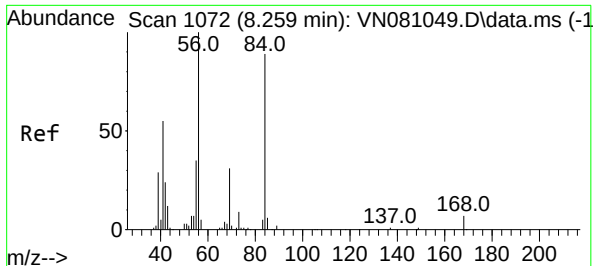
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#30
Chloroform
Concen: 52.625 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

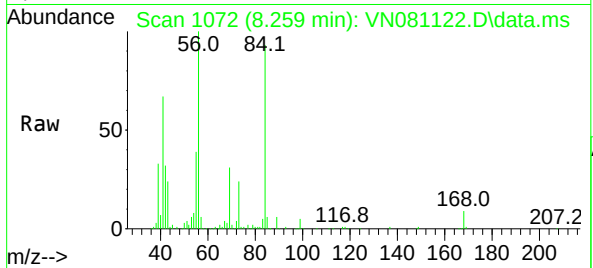
Tgt Ion: 83 Resp: 426574
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.6





#31
Cyclohexane
Concen: 48.632 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

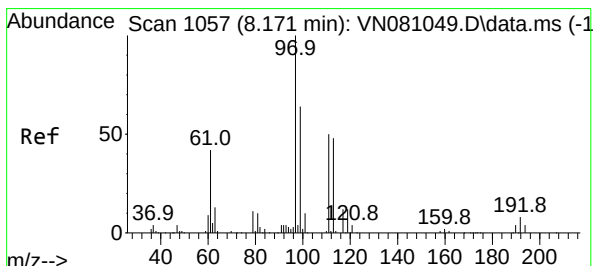
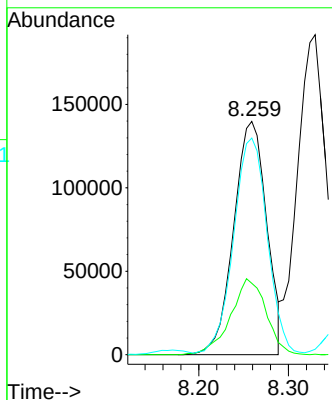
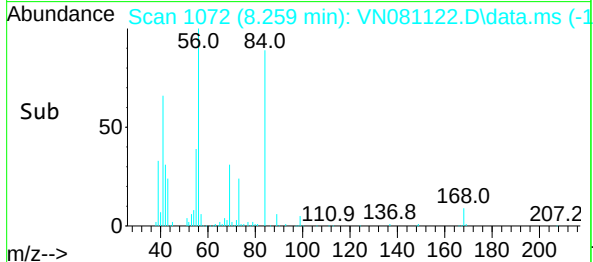
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



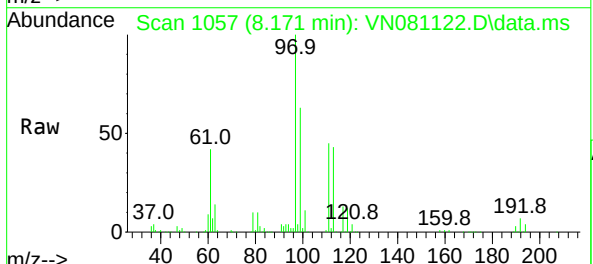
Tgt Ion: 56 Resp: 35659
Ion Ratio Lower Upper
56 100
69 30.6 20.1 30.1
84 91.1 56.9 85.3

Manual Integrations
APPROVED

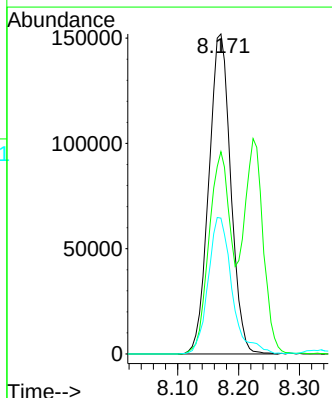
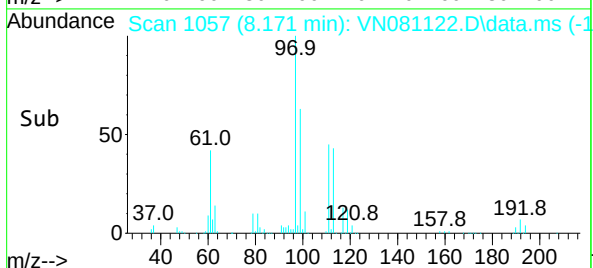
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

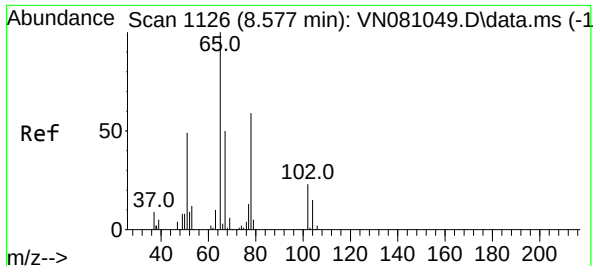


#32
1,1,1-Trichloroethane
Concen: 51.461 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



Tgt Ion: 97 Resp: 379904
Ion Ratio Lower Upper
97 100
99 62.0 53.4 80.0
61 46.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 44.526 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18908

Ion Ratio Lower Upper

65 100

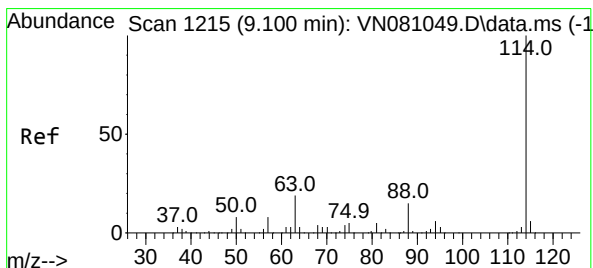
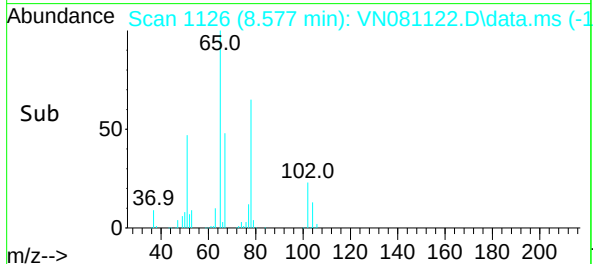
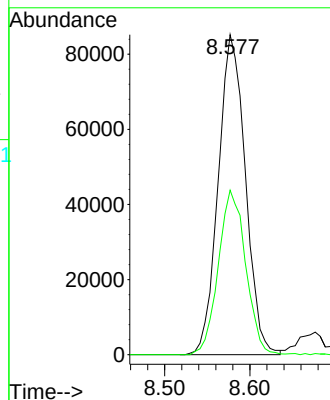
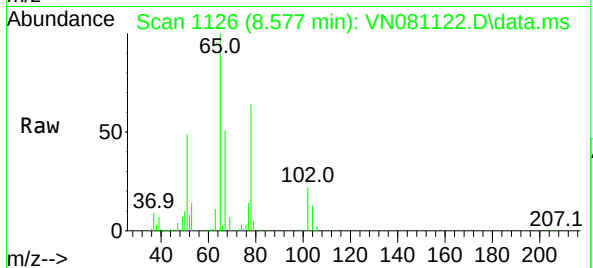
67 51.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

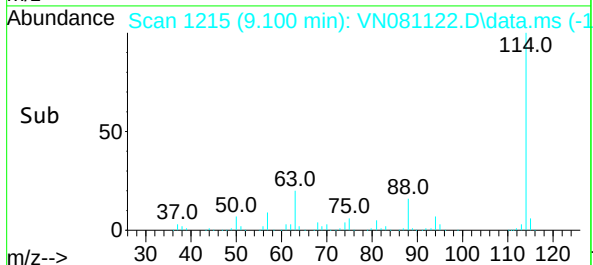
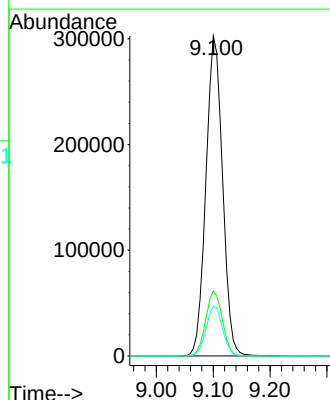
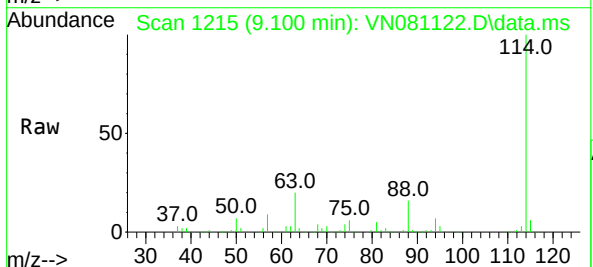
Tgt Ion:114 Resp: 614488

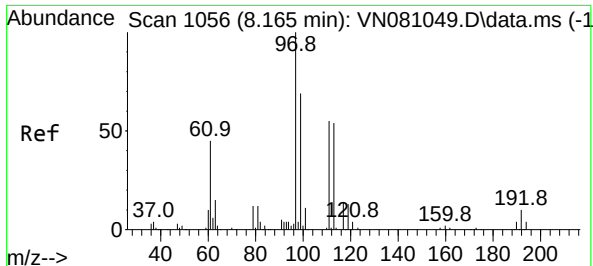
Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

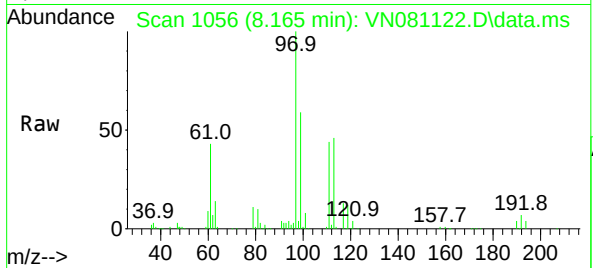
88 15.5 0.0 34.8





#35
Dibromofluoromethane
Concen: 46.717 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

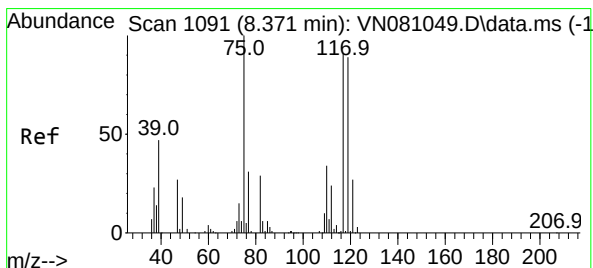
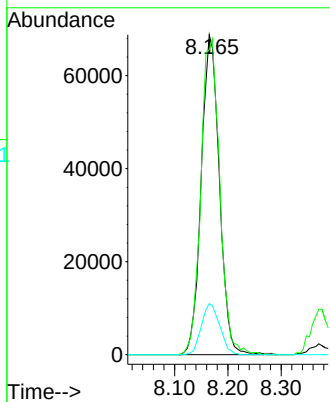
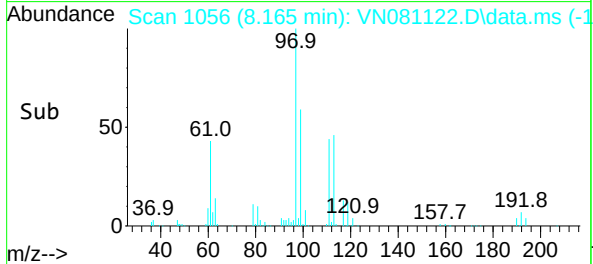
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



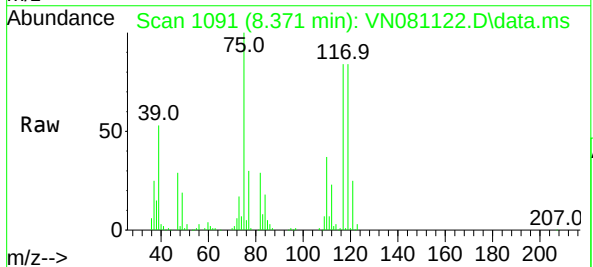
Tgt Ion:113 Resp: 16233
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 16.2 12.5 18.7

Manual Integrations
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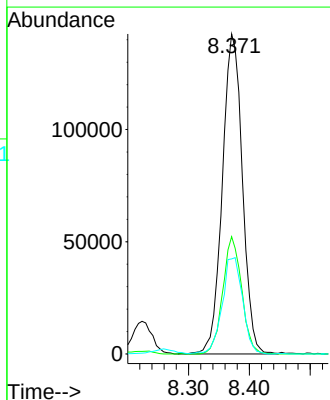
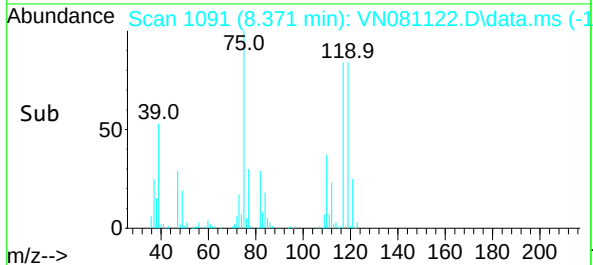
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

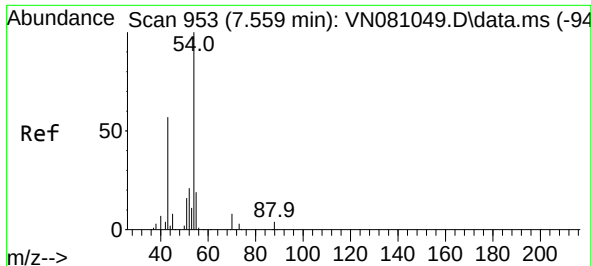


#36
1,1-Dichloropropene
Concen: 54.730 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



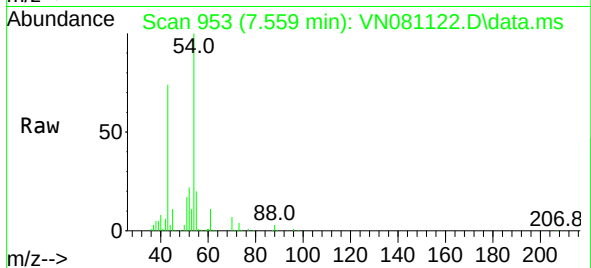
Tgt Ion: 75 Resp: 325809
Ion Ratio Lower Upper
75 100
110 34.5 16.0 48.0
77 30.8 25.8 38.6





#37
Ethyl Acetate
Concen: 49.237 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

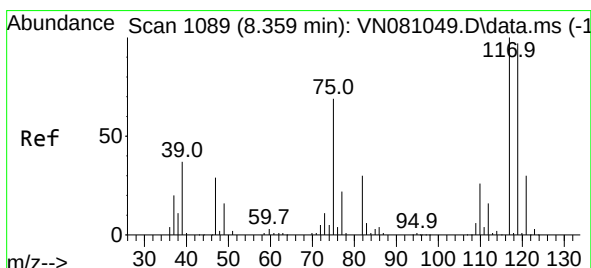
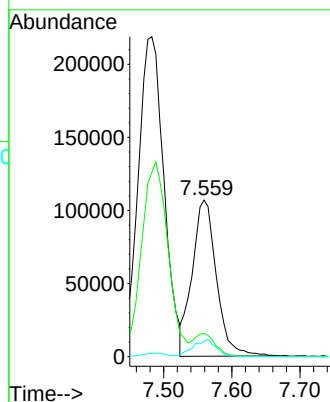
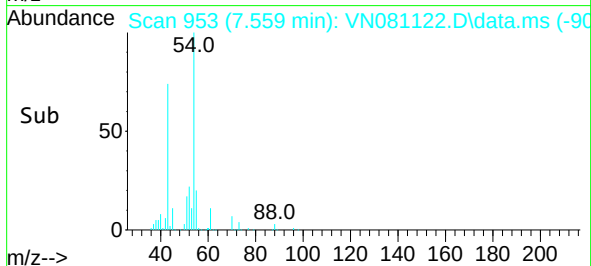
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26453
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 10.4 8.0 12.0

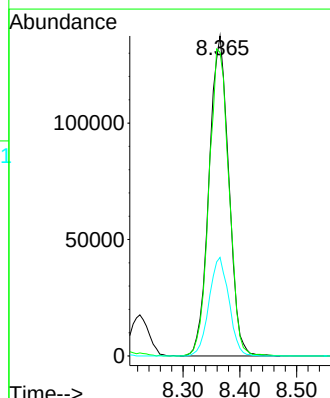
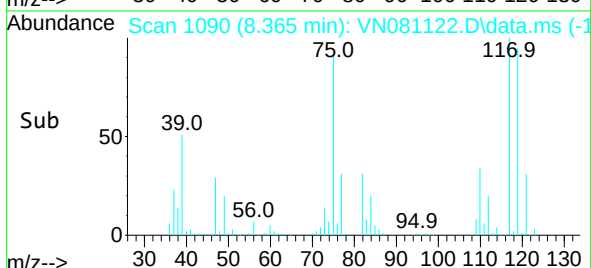
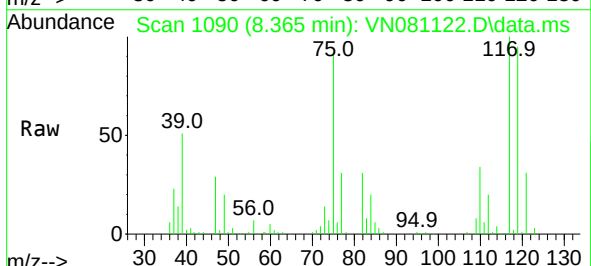
Manual Integrations
APPROVED

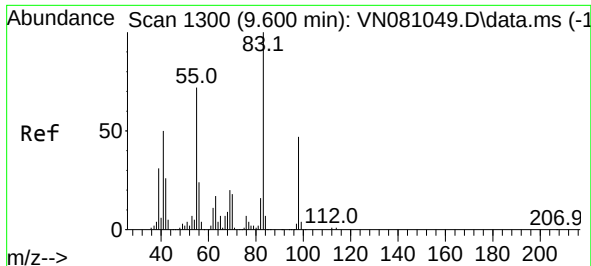
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#38
Carbon Tetrachloride
Concen: 54.904 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Tgt Ion:117 Resp: 330676
Ion Ratio Lower Upper
117 100
119 94.9 73.4 110.2
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 57.636 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081122.D

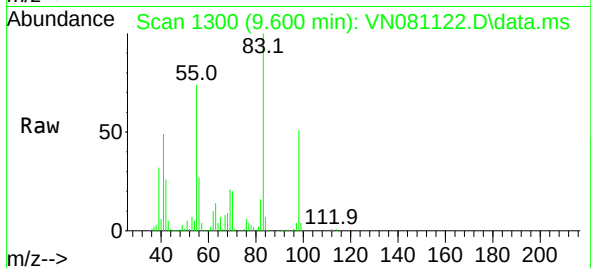
Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



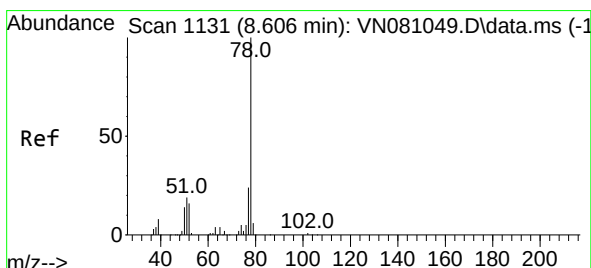
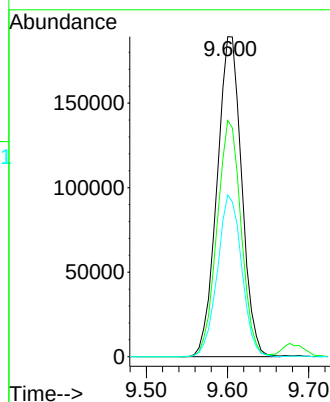
Tgt Ion:	83	Resp:	39996
Ion	Ratio	Lower	Upper
83	100		
55	73.8	65.7	98.5
98	50.5	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#40

Benzene

Concen: 54.479 ug/l

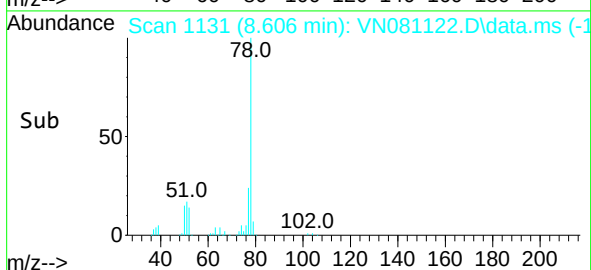
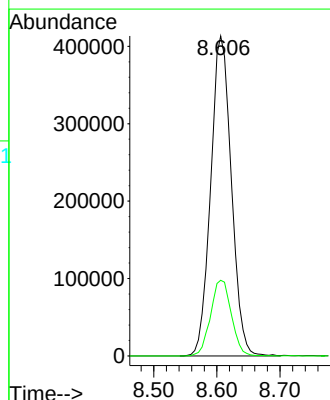
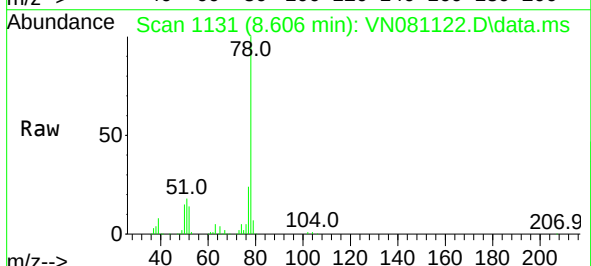
RT: 8.606 min Scan# 1131

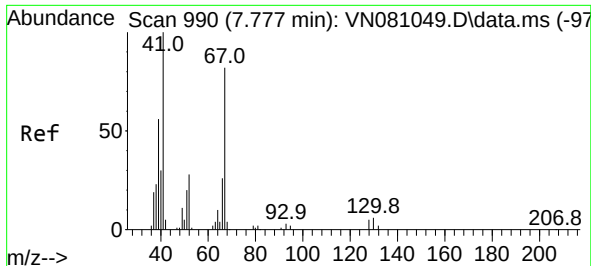
Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

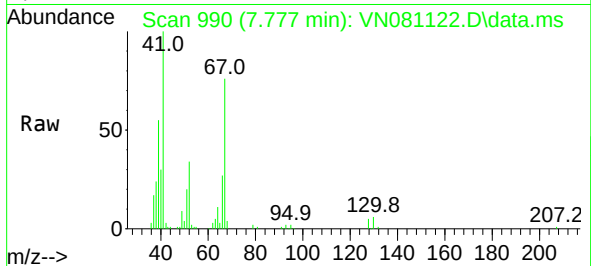
Tgt Ion:	78	Resp:	938724
Ion	Ratio	Lower	Upper
78	100		
77	23.7	20.4	30.6





#41
Methacrylonitrile
Concen: 46.723 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

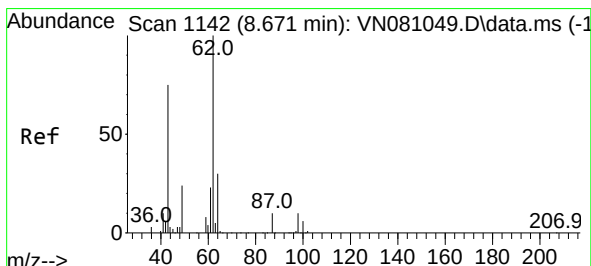
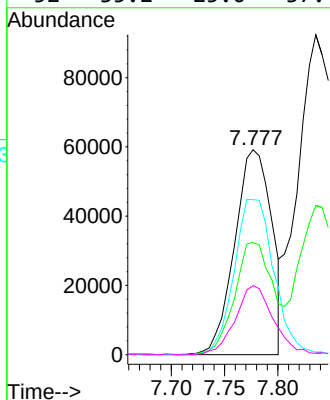
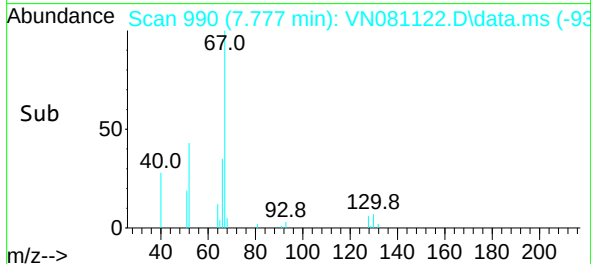
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



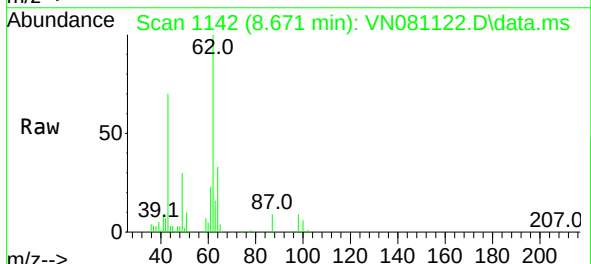
Tgt Ion: 41 Resp: 142864
Ion Ratio Lower Upper
41 100
39 57.8 48.4 72.6
67 81.6 56.8 85.2
52 35.2 25.0 37.4

Manual Integrations
APPROVED

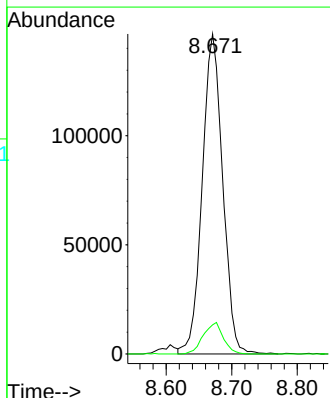
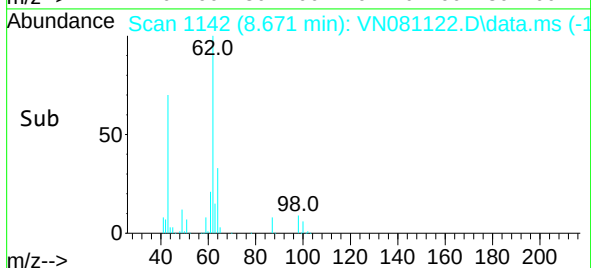
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

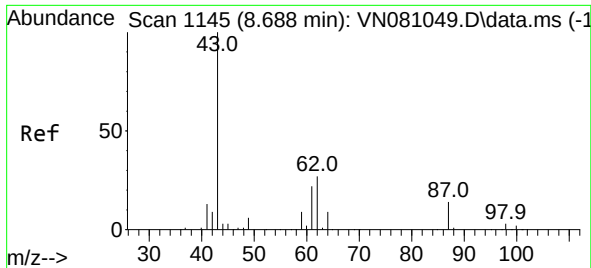


#42
1,2-Dichloroethane
Concen: 52.956 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



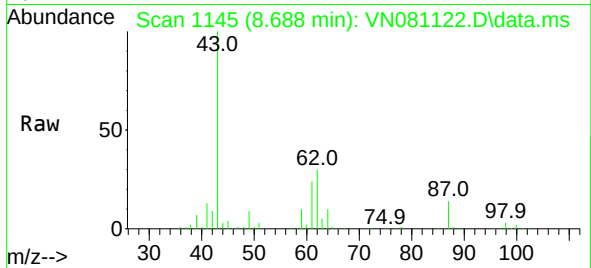
Tgt Ion: 62 Resp: 318346
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





#43
Isopropyl Acetate
Concen: 51.120 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

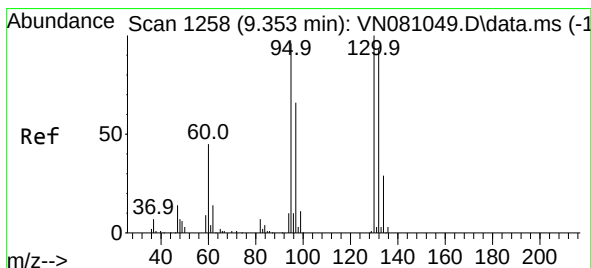
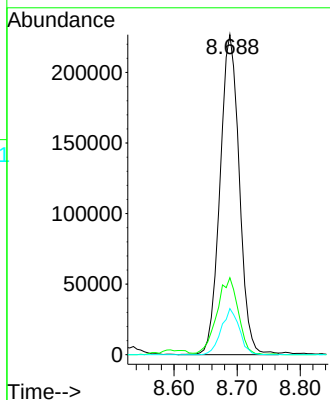
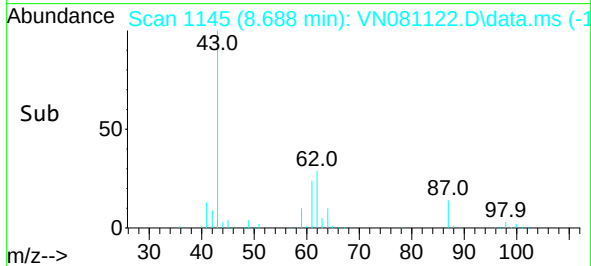
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 480344
Ion Ratio Lower Upper
43 100
61 26.4 19.9 29.9
87 13.4 9.0 13.6

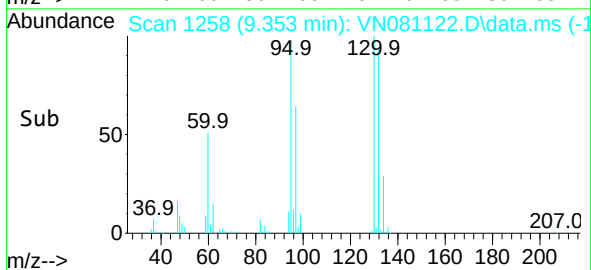
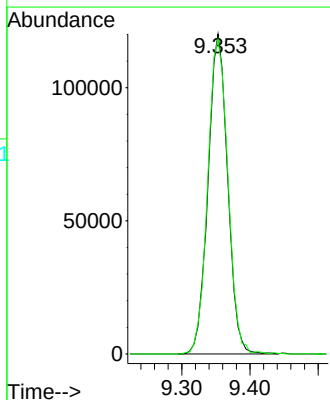
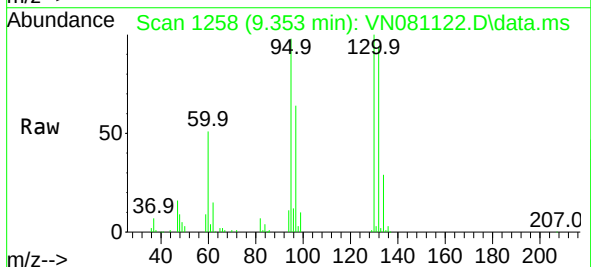
Manual Integrations
APPROVED

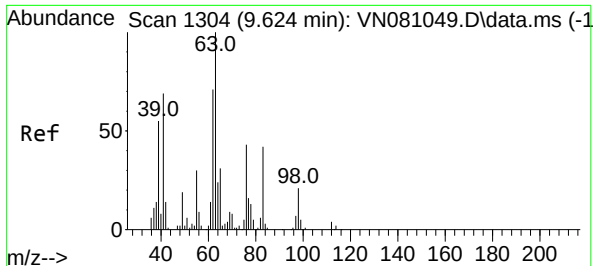
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#44
Trichloroethene
Concen: 52.295 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Tgt Ion:130 Resp: 239999
Ion Ratio Lower Upper
130 100
95 98.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 53.518 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 230674

Ion Ratio Lower Upper

63 100

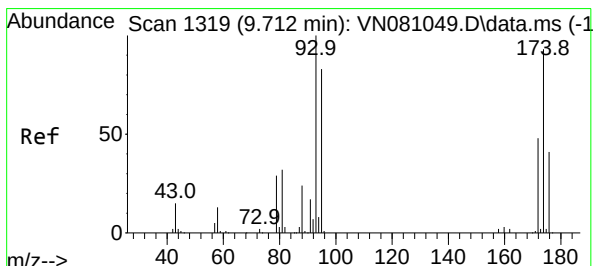
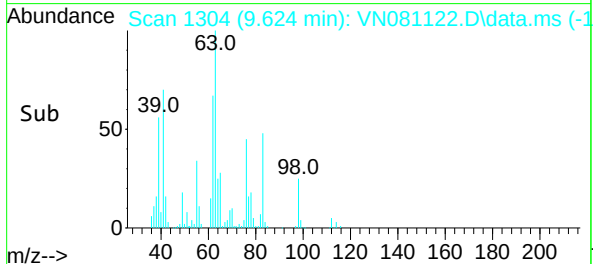
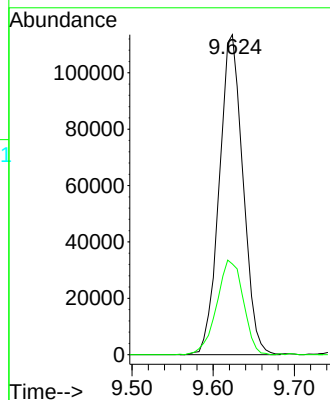
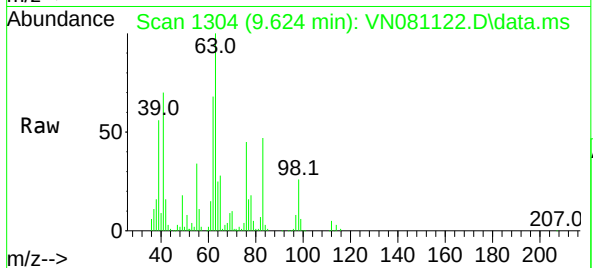
65 28.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#46

Dibromomethane

Concen: 51.880 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

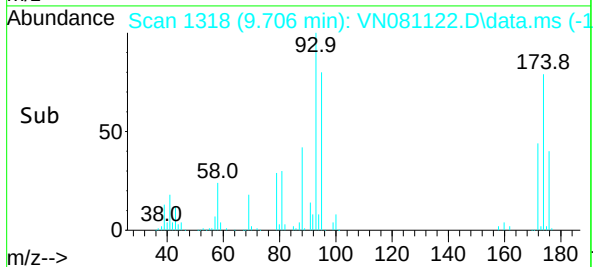
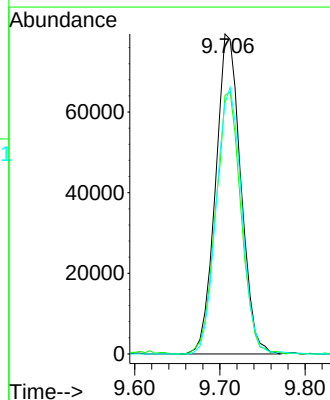
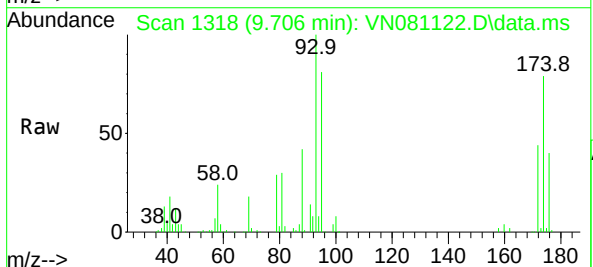
Tgt Ion: 93 Resp: 162928

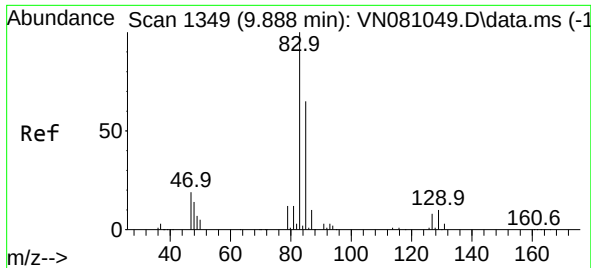
Ion Ratio Lower Upper

93 100

95 82.5 68.1 102.1

174 83.5 57.2 85.8





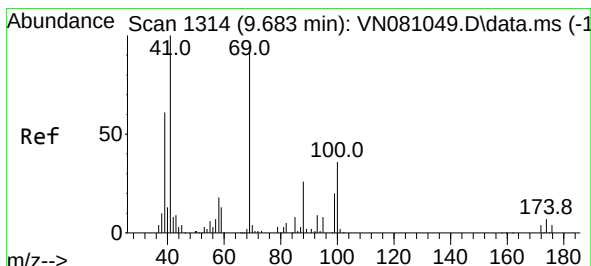
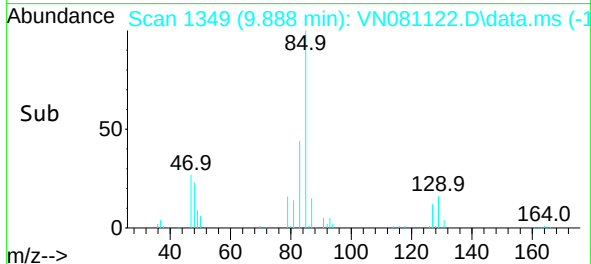
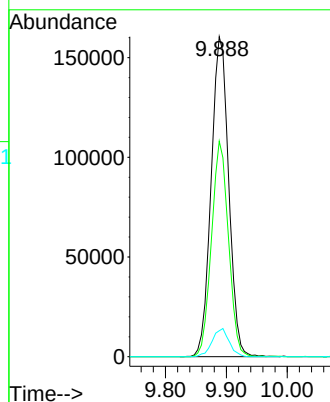
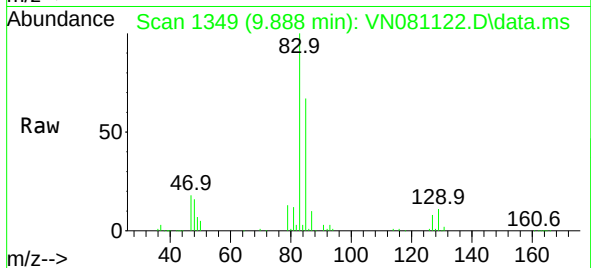
#47
Bromodichloromethane
Concen: 54.018 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 32129
Ion Ratio Lower Upper
83 100
85 67.4 52.3 78.5
127 8.1 4.6 7.0

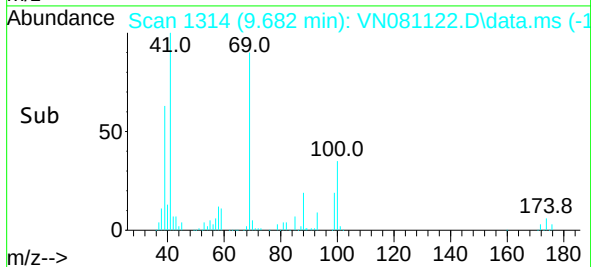
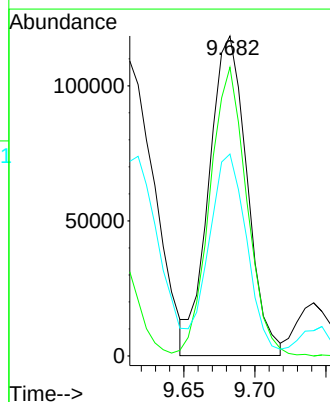
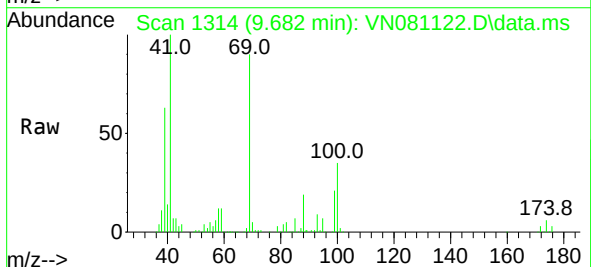
Manual Integrations
APPROVED

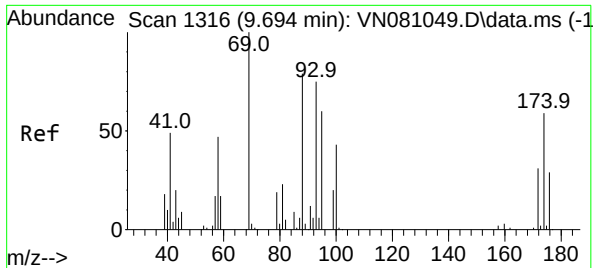
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#48
Methyl methacrylate
Concen: 50.618 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

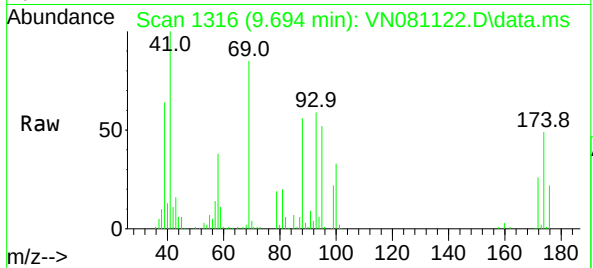
Tgt Ion: 41 Resp: 221311
Ion Ratio Lower Upper
41 100
69 87.8 62.2 93.2
39 62.3 47.6 71.4





#49
1,4-Dioxane
Concen: 989.343 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

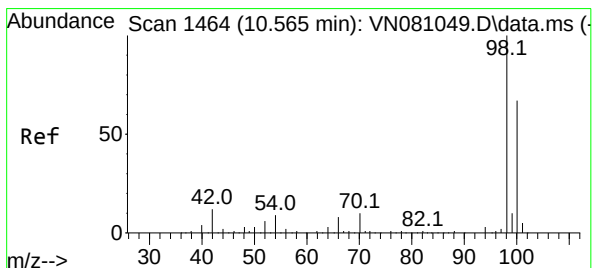
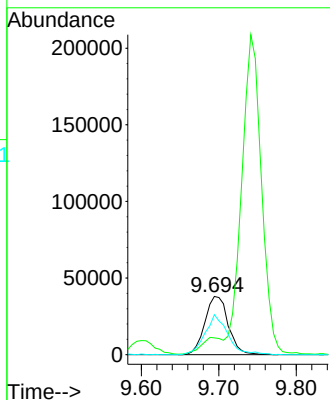
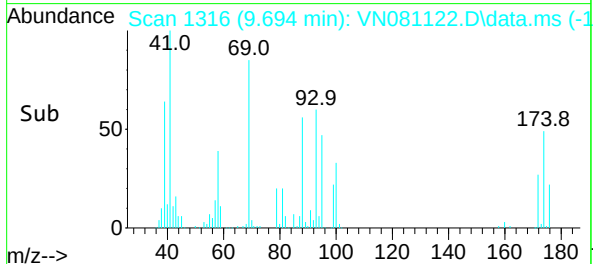
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 79634
Ion Ratio Lower Upper
88 100
43 26.8 30.1 45.1
58 67.5 63.9 95.9

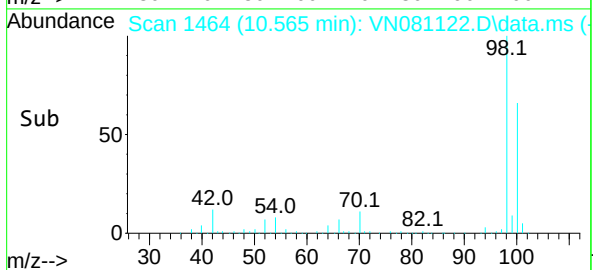
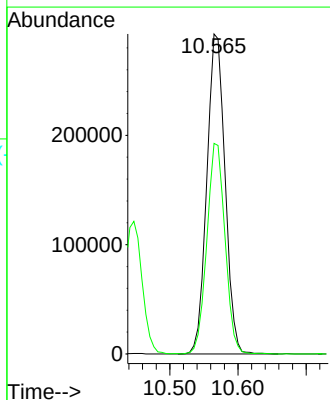
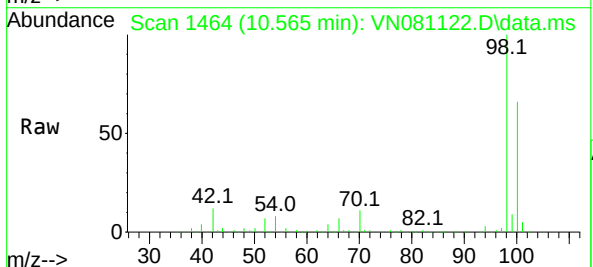
Manual Integrations
APPROVED

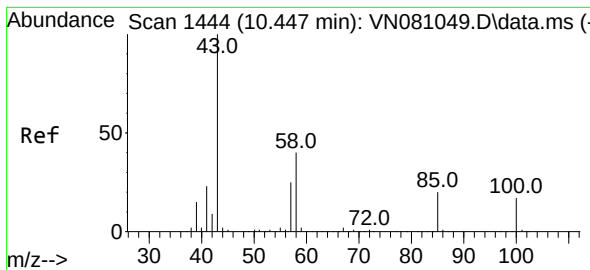
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#50
Toluene-d8
Concen: 44.059 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

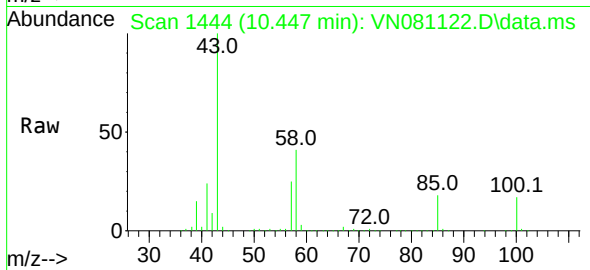
Tgt Ion: 98 Resp: 543749
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 245.141 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

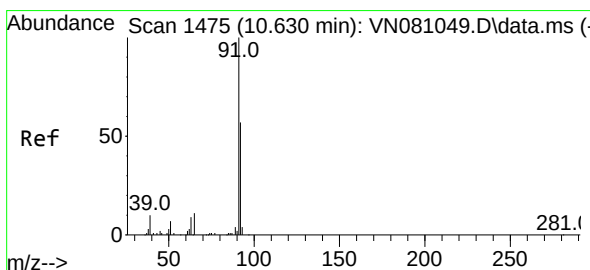
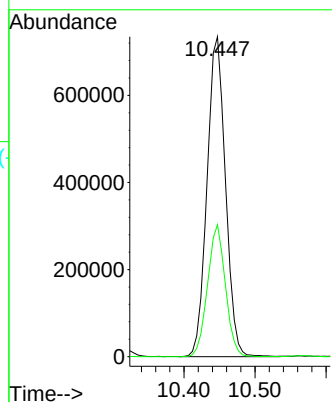
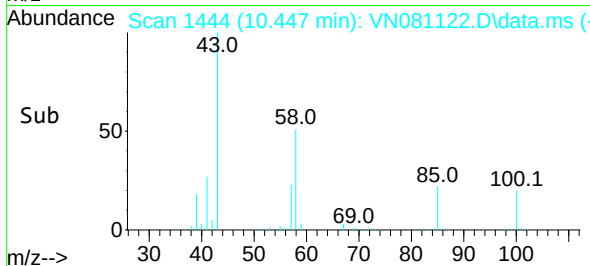
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



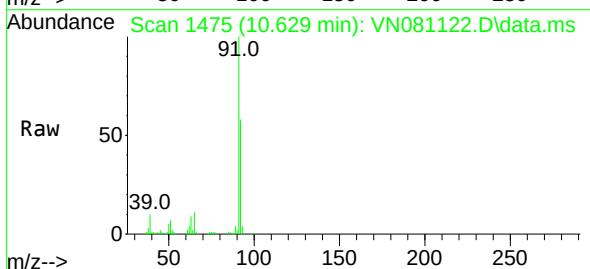
Tgt Ion: 43 Resp: 1325052
Ion Ratio Lower Upper
43 100
58 40.0 29.4 44.0

Manual Integrations
APPROVED

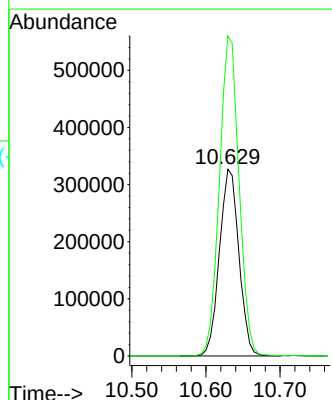
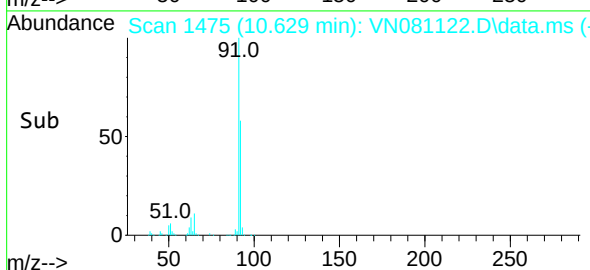
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

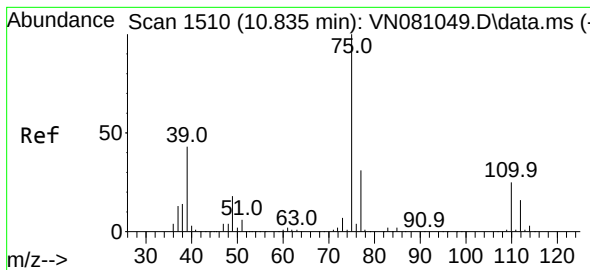


#52
Toluene
Concen: 54.660 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



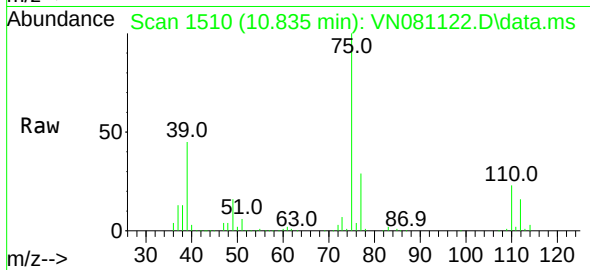
Tgt Ion: 92 Resp: 596254
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 54.790 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081122.D
 Acq: 21 Feb 2024 16:23

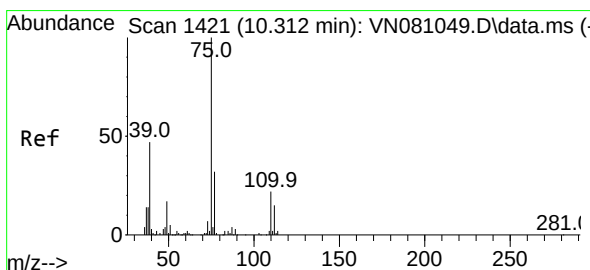
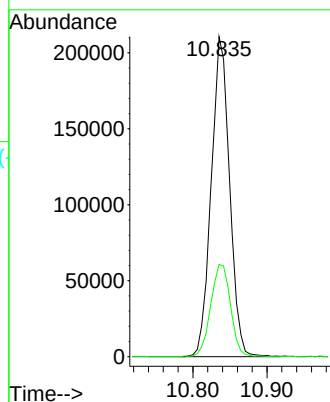
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 362140
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.5 38.3

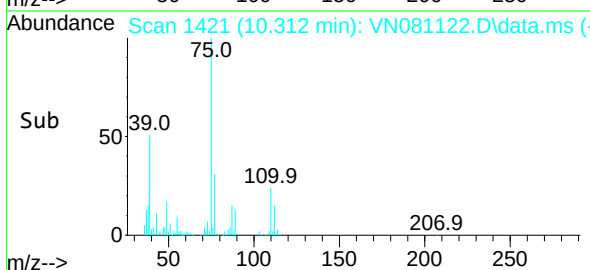
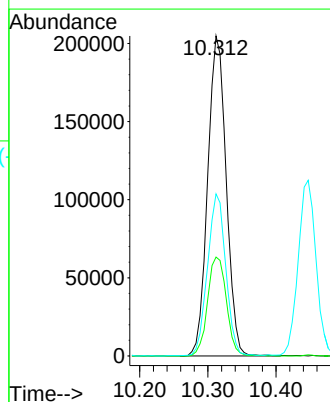
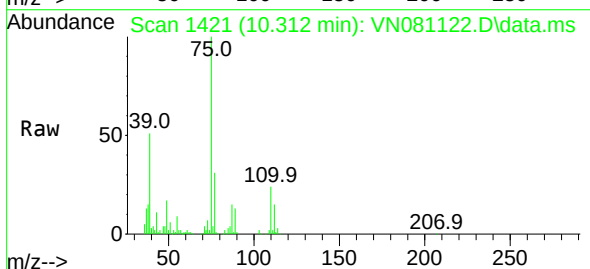
Manual Integrations
 APPROVED

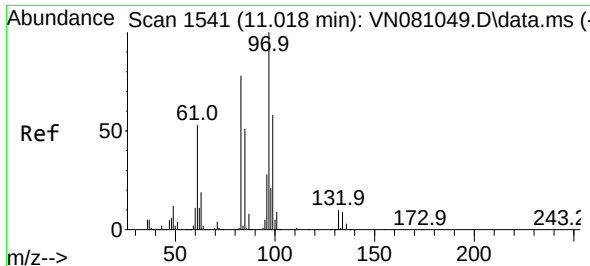
Reviewed By :John Carlone 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024



#54
 cis-1,3-Dichloropropene
 Concen: 54.223 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081122.D
 Acq: 21 Feb 2024 16:23

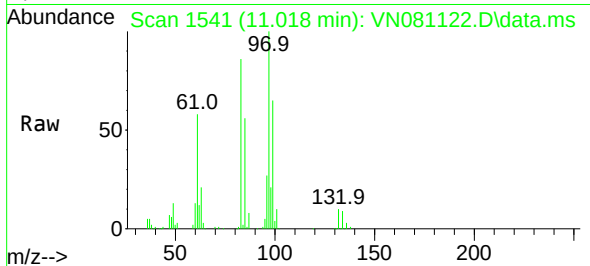
Tgt Ion: 75 Resp: 387218
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.3 34.9
 39 50.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 52.928 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

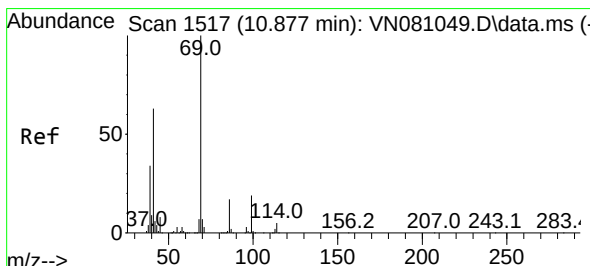
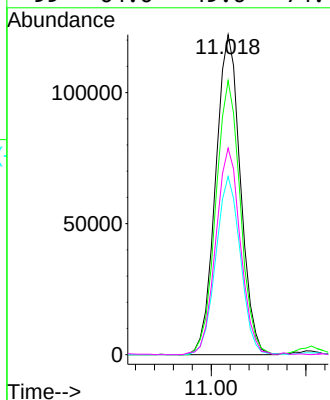
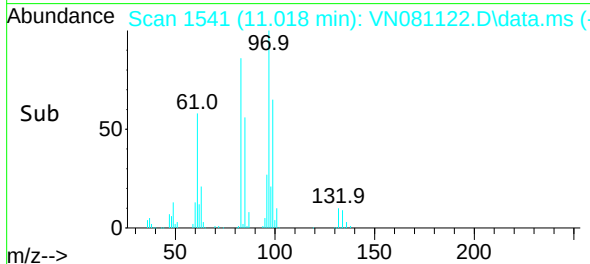
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



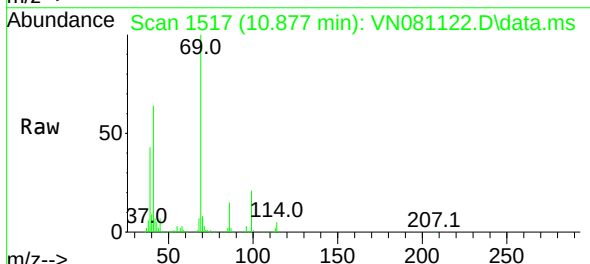
Tgt Ion: 97 Resp: 222063
Ion Ratio Lower Upper
97 100
83 85.6 72.9 109.3
85 55.7 50.2 75.2
99 64.6 49.6 74.4

Manual Integrations
APPROVED

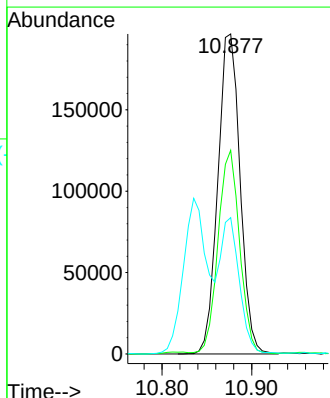
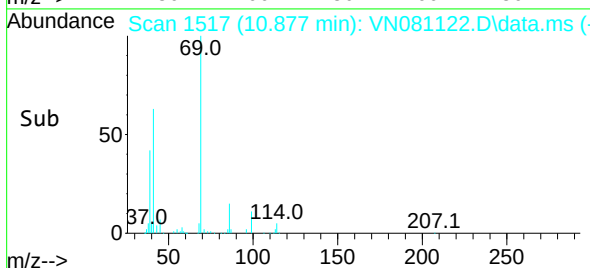
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

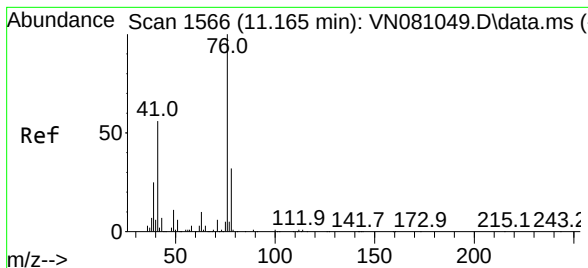


#56
Ethyl methacrylate
Concen: 52.708 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



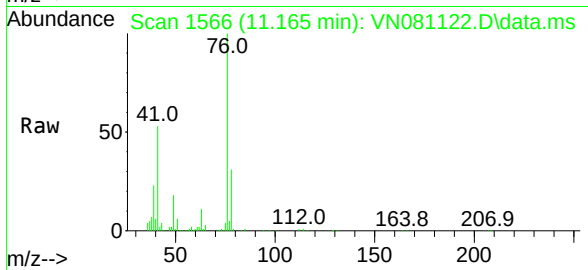
Tgt Ion: 69 Resp: 337976
Ion Ratio Lower Upper
69 100
41 61.6 61.0 91.6
39 36.1 31.8 47.6





#57
1,3-Dichloropropane
Concen: 53.035 ug/l
RT: 11.165 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

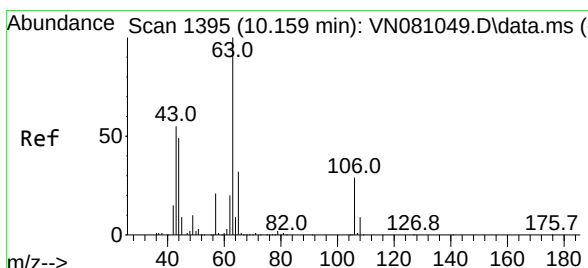
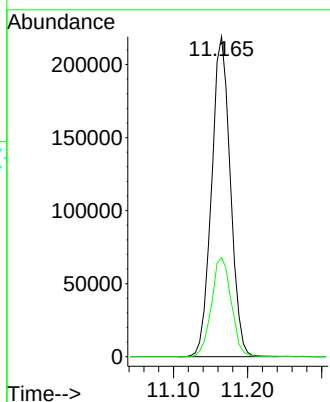
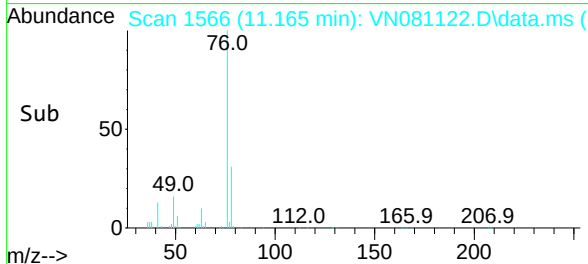
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 38474
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3

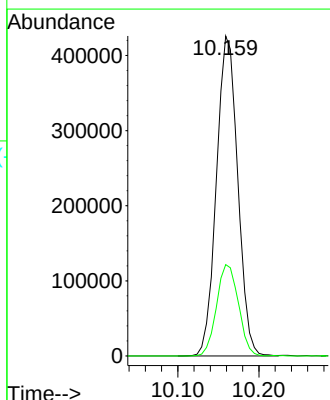
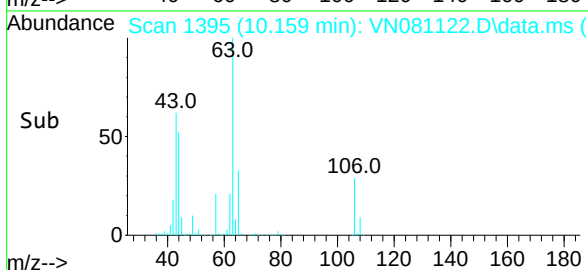
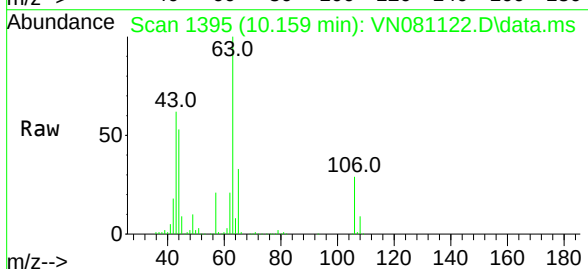
Manual Integrations
APPROVED

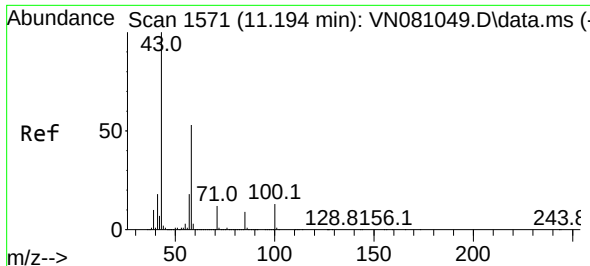
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 241.693 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

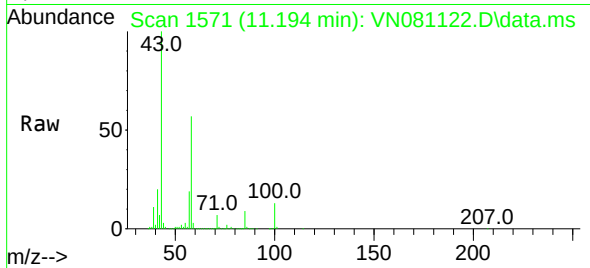
Tgt Ion: 63 Resp: 777596
Ion Ratio Lower Upper
63 100
106 29.2 18.6 28.0#





#59
2-Hexanone
Concen: 223.871 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

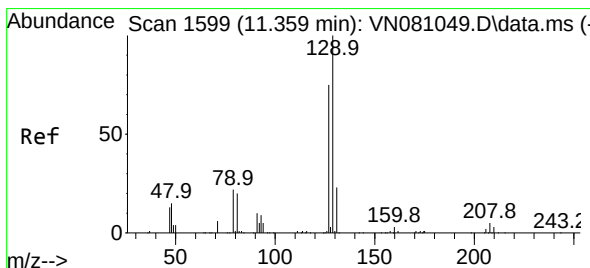
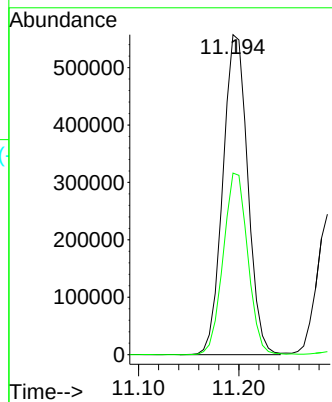
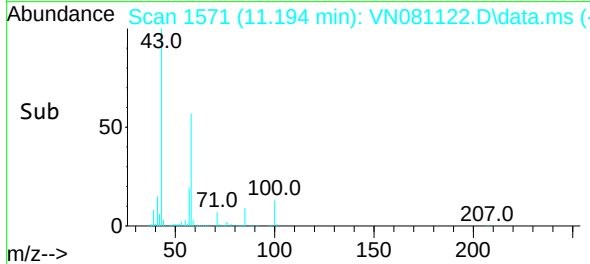
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



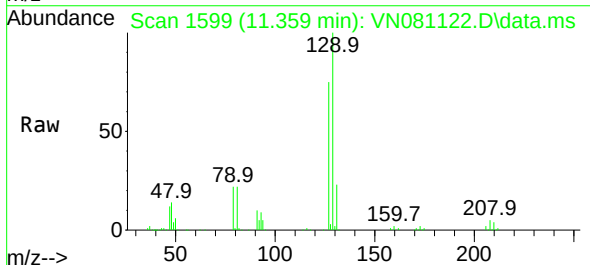
Tgt Ion: 43 Resp: 959358
Ion Ratio Lower Upper
43 100
58 56.0 25.9 77.8

Manual Integrations
APPROVED

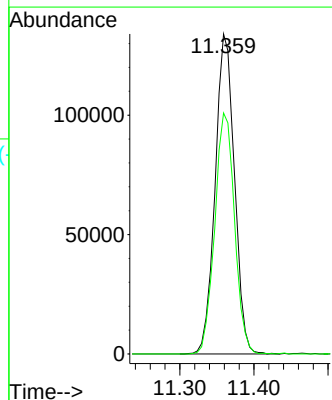
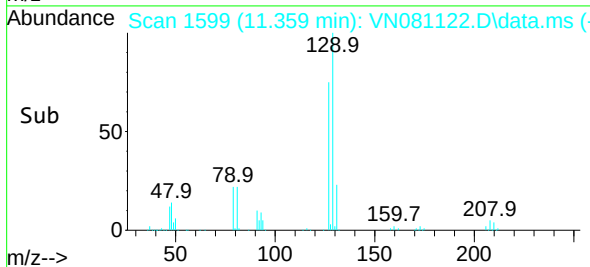
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

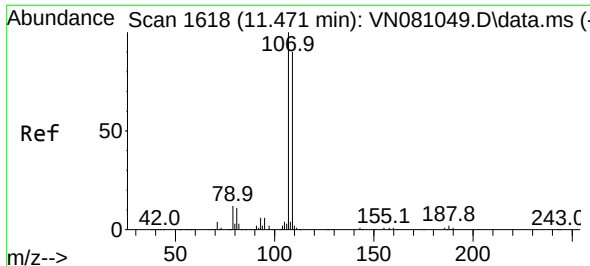


#60
Dibromochloromethane
Concen: 54.333 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



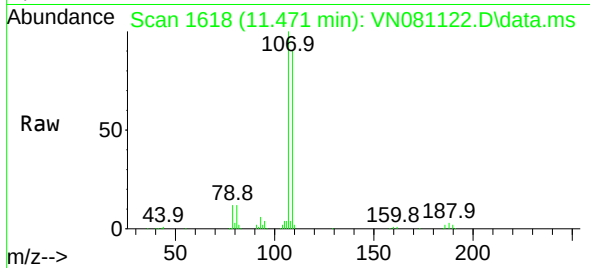
Tgt Ion:129 Resp: 242167
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 52.238 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

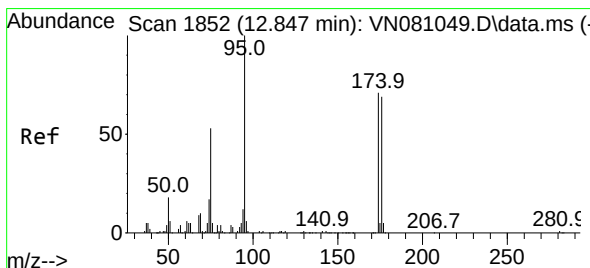
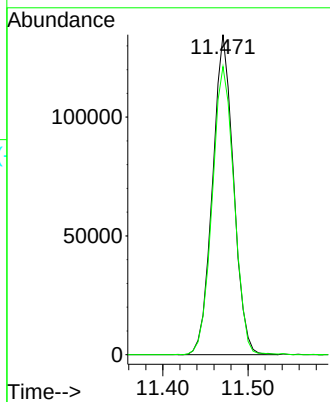
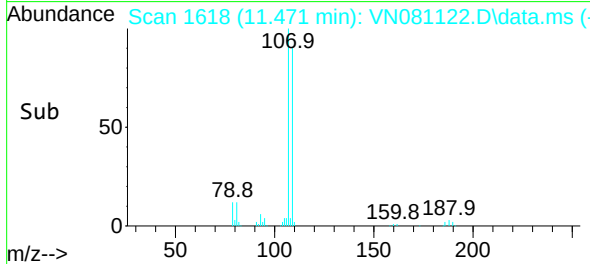
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



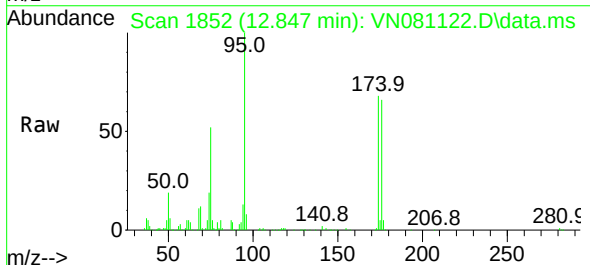
Tgt Ion:107 Resp: 230470
Ion Ratio Lower Upper
107 100
109 94.1 73.4 110.2

Manual Integrations
APPROVED

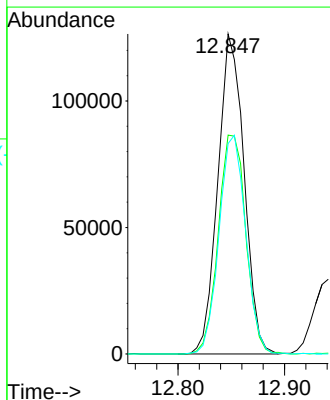
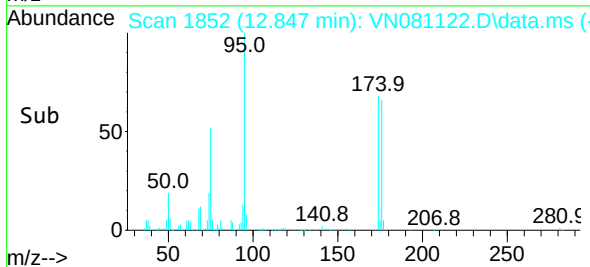
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

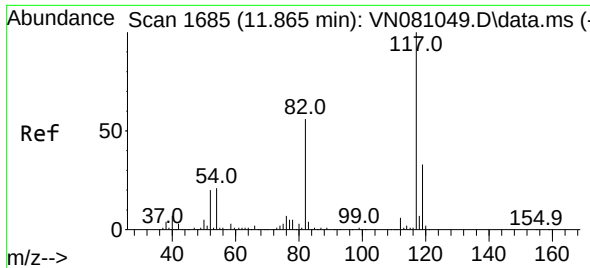


#62
4-Bromofluorobenzene
Concen: 46.451 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



Tgt Ion: 95 Resp: 215406
Ion Ratio Lower Upper
95 100
174 72.1 0.0 120.4
176 69.5 0.0 121.0





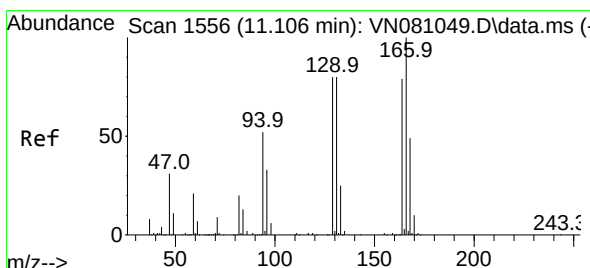
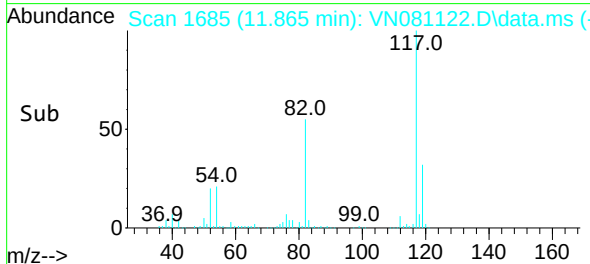
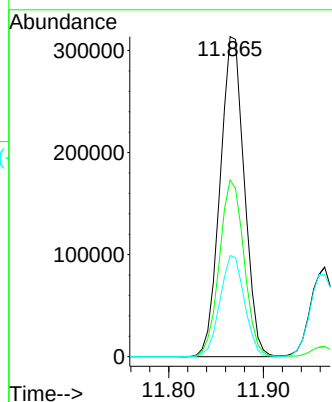
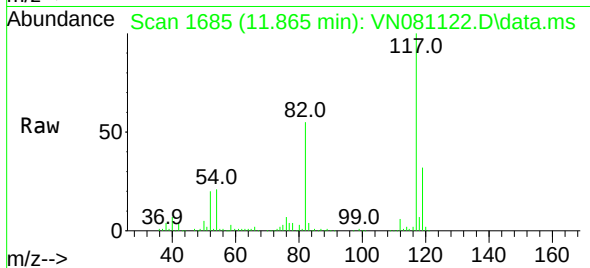
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 55633
Ion Ratio Lower Upper
117 100
82 55.3 52.7 79.1
119 31.6 25.3 37.9

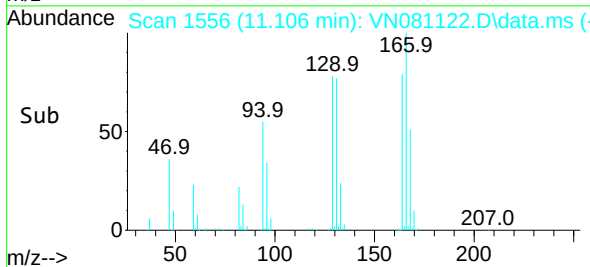
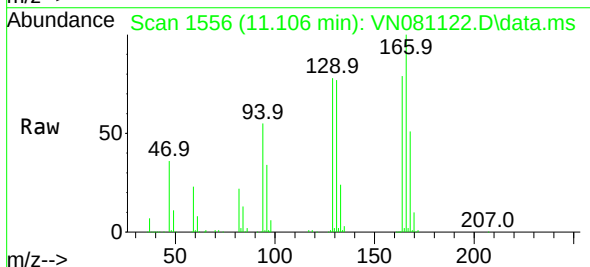
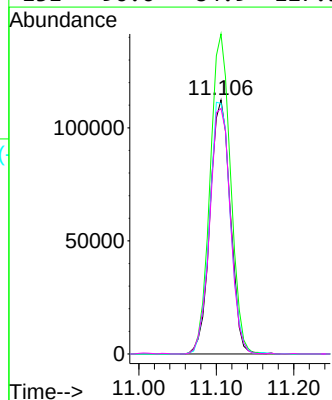
Manual Integrations
APPROVED

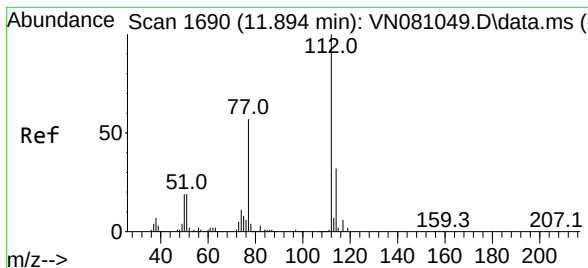
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#64
Tetrachloroethene
Concen: 53.668 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

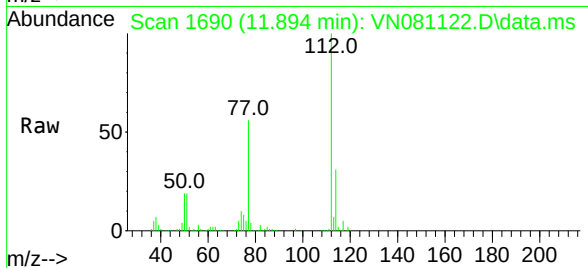
Tgt Ion:164 Resp: 203775
Ion Ratio Lower Upper
164 100
166 126.0 105.8 158.6
129 98.6 89.6 134.4
131 96.6 84.9 127.3





#65
Chlorobenzene
Concen: 52.020 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

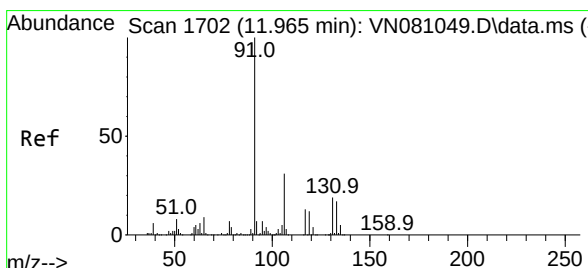
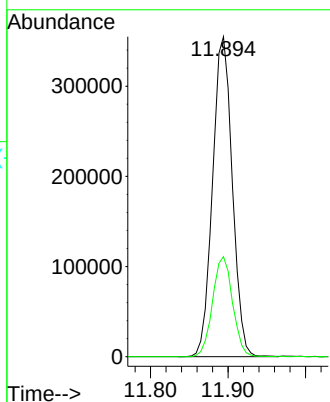
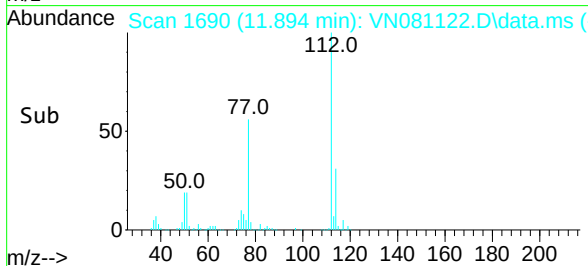
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



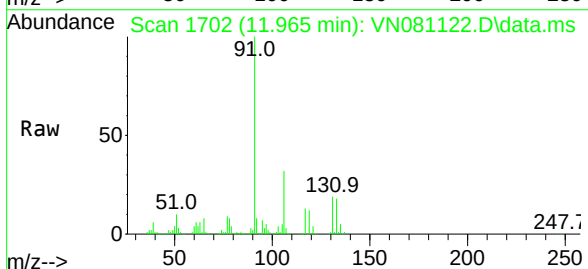
Tgt Ion:112 Resp: 626350
Ion Ratio Lower Upper
112 100
114 31.2 23.7 35.5

Manual Integrations
APPROVED

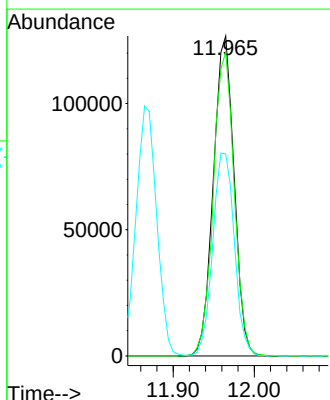
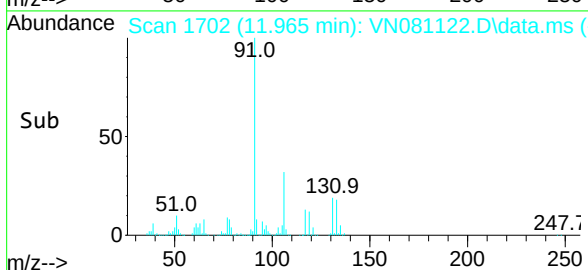
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

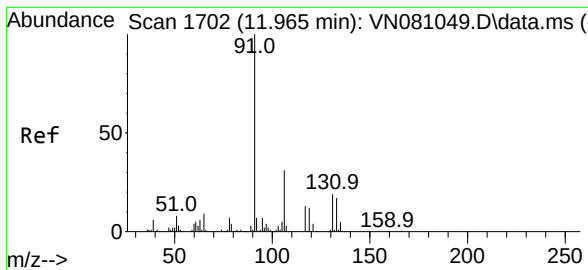


#66
1,1,1,2-Tetrachloroethane
Concen: 52.042 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



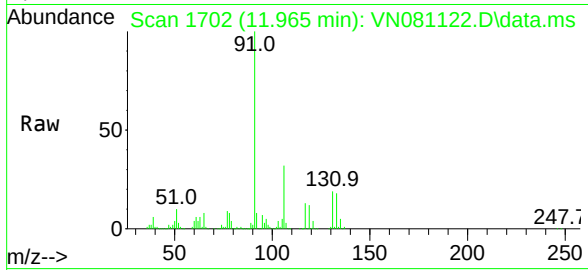
Tgt Ion:131 Resp: 225067
Ion Ratio Lower Upper
131 100
133 96.0 46.8 140.3
119 66.3 34.6 103.9





#67
Ethyl Benzene
Concen: 53.609 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

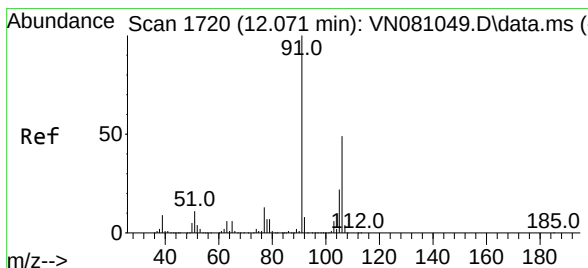
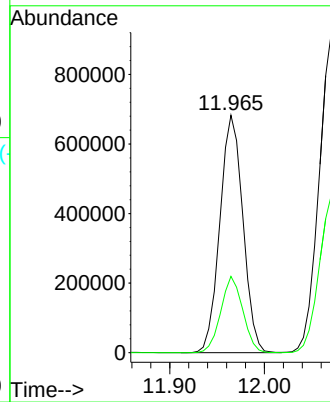
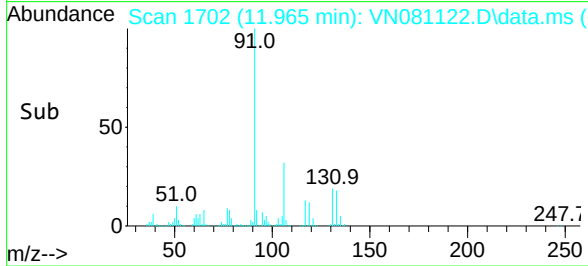
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



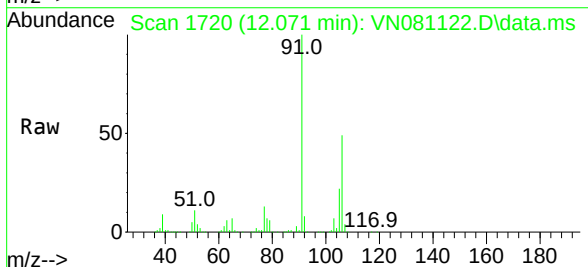
Tgt Ion: 91 Resp: 115504
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.6

Manual Integrations
APPROVED

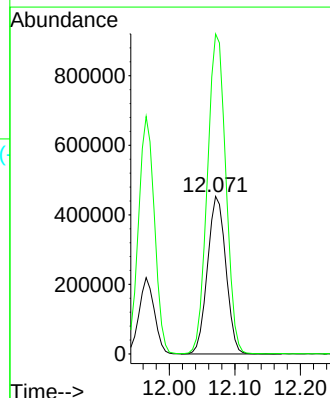
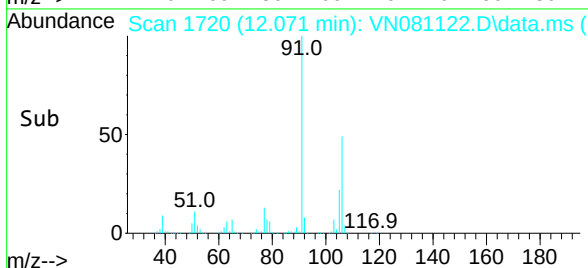
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

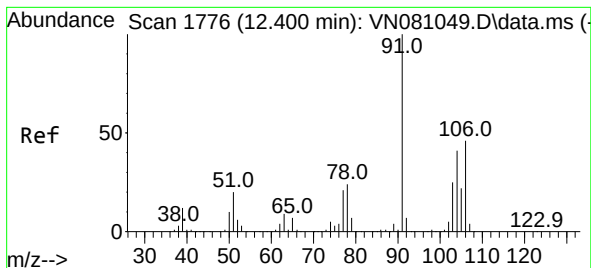


#68
m/p-Xylenes
Concen: 106.717 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



Tgt Ion:106 Resp: 881325
Ion Ratio Lower Upper
106 100
91 204.5 169.0 253.6





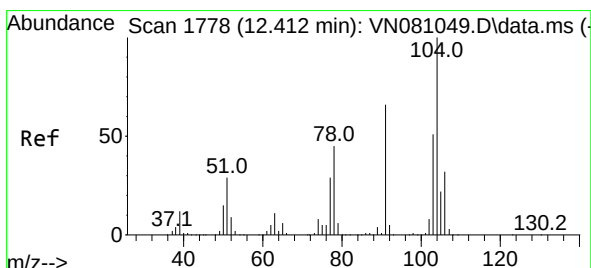
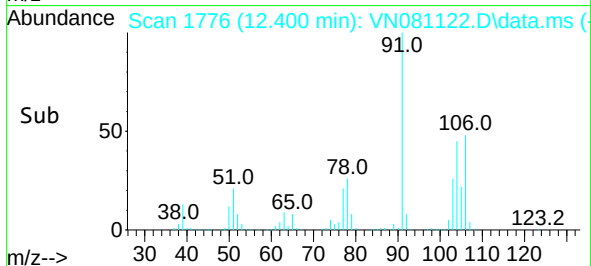
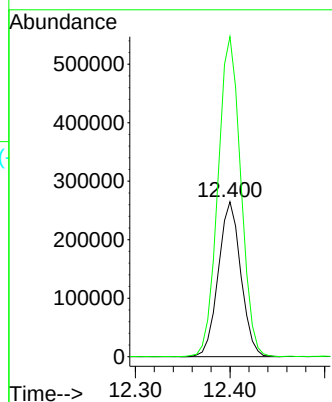
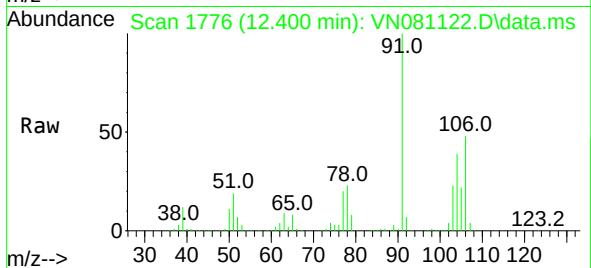
#69
o-Xylene
Concen: 53.417 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 437289
Ion Ratio Lower Upper
106 100
91 210.1 112.1 336.3

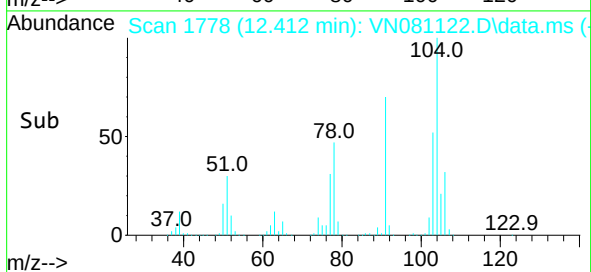
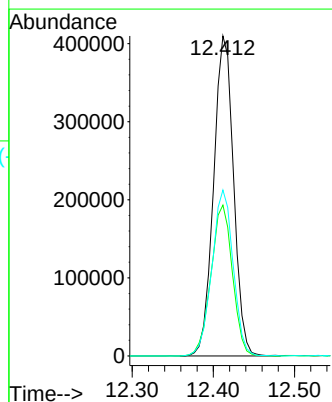
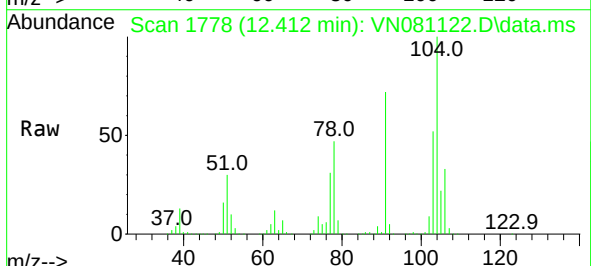
Manual Integrations
APPROVED

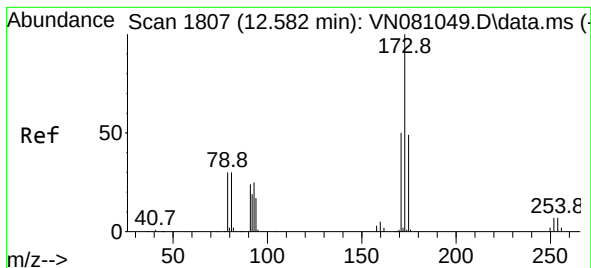
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#70
Styrene
Concen: 54.075 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Tgt Ion:104 Resp: 701470
Ion Ratio Lower Upper
104 100
78 50.5 43.8 65.8
103 55.1 44.2 66.2





#71

Bromoform

Concen: 56.171 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081122.D

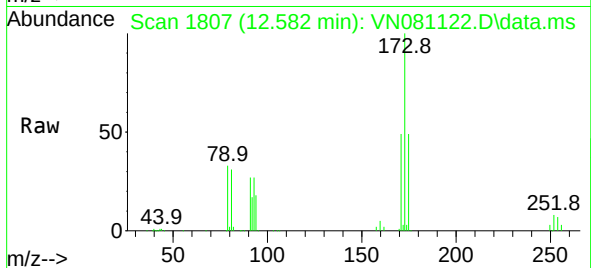
Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 15412

Ion Ratio Lower Upper

173 100

175 46.6 23.1 69.2

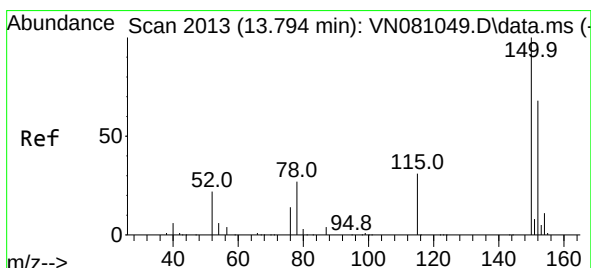
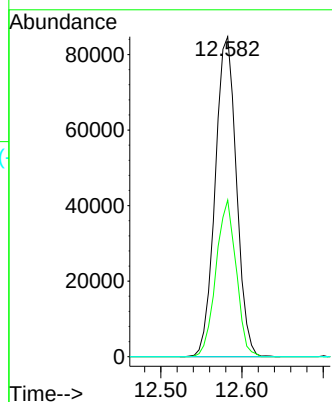
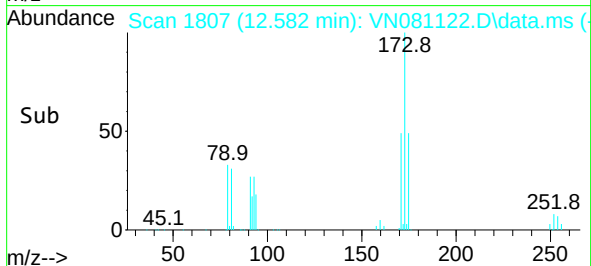
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

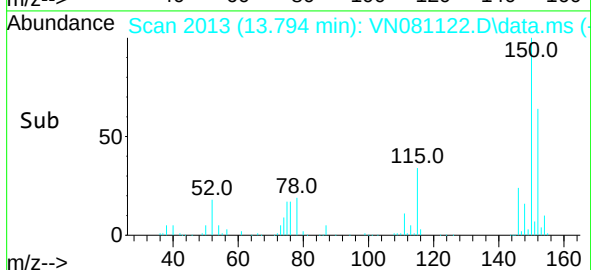
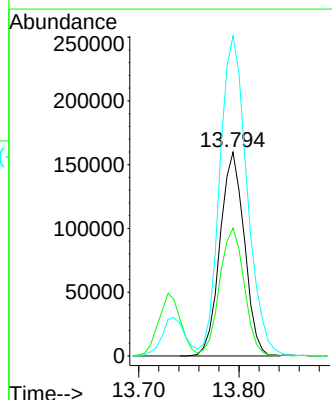
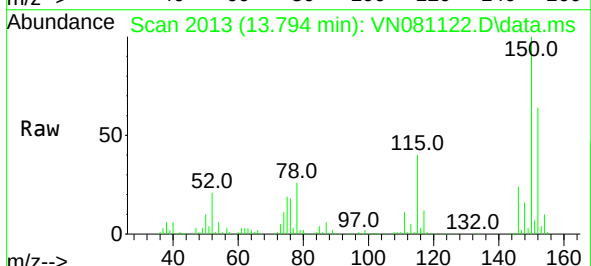
Tgt Ion:152 Resp: 268492

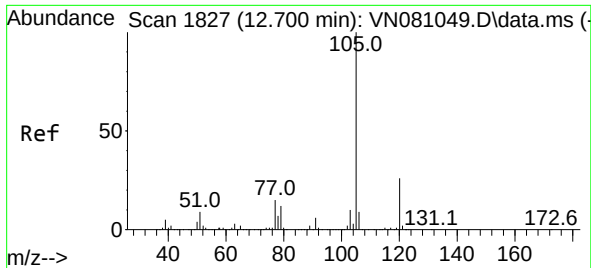
Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

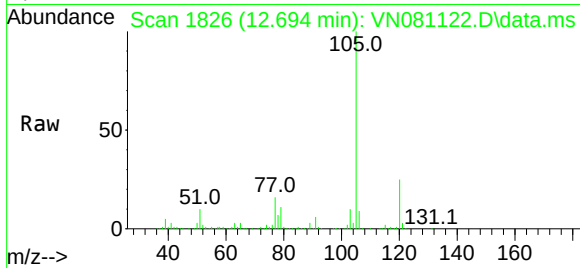
150 175.9 0.0 339.8





#73
Isopropylbenzene
Concen: 48.108 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

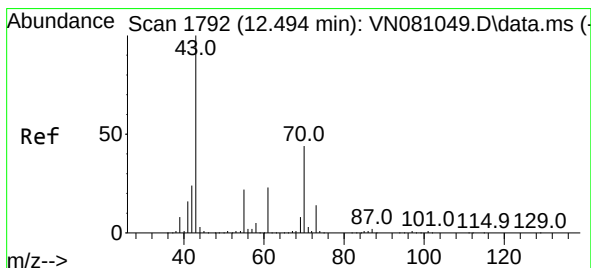
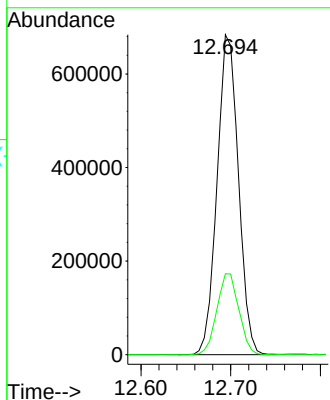
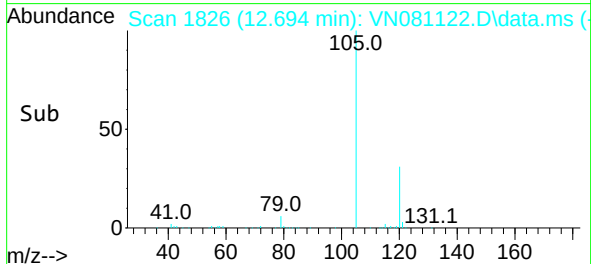
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 113012
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6

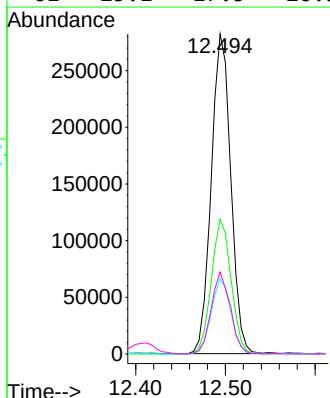
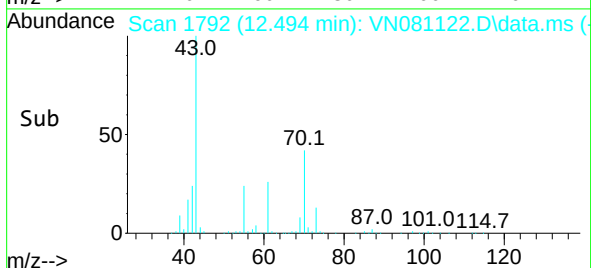
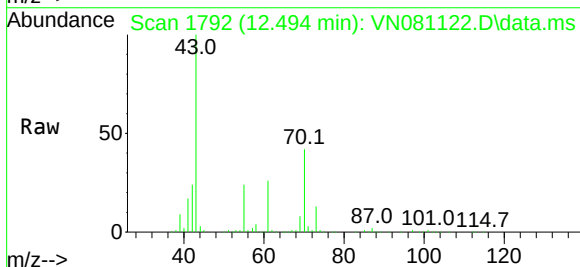
Manual Integrations
APPROVED

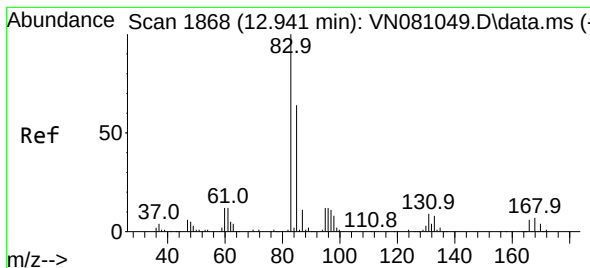
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#74
N-ethyl acetate
Concen: 42.918 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

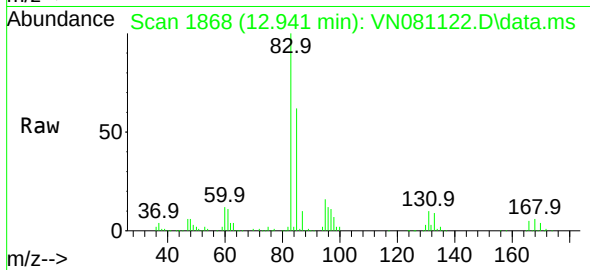
Tgt Ion: 43 Resp: 426103
Ion Ratio Lower Upper
43 100
70 42.7 30.1 45.1
55 23.8 17.0 25.4
61 25.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.232 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

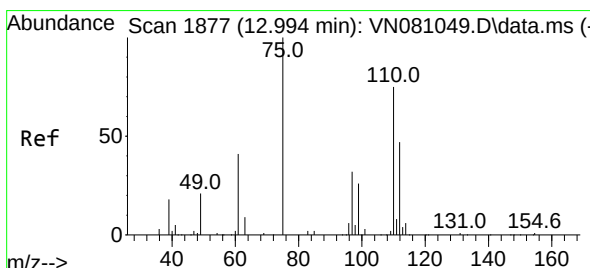
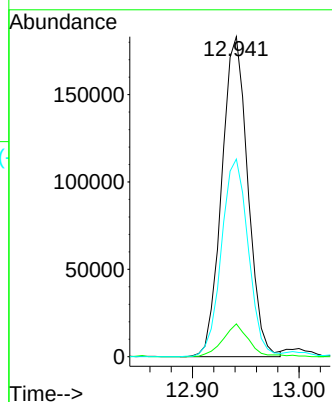
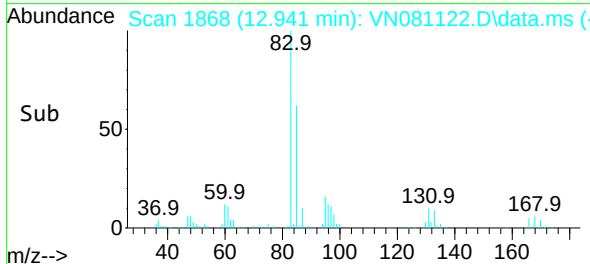
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 31199
Ion Ratio Lower Upper
83 100
131 10.3 4.1 12.3
85 63.5 32.1 96.3

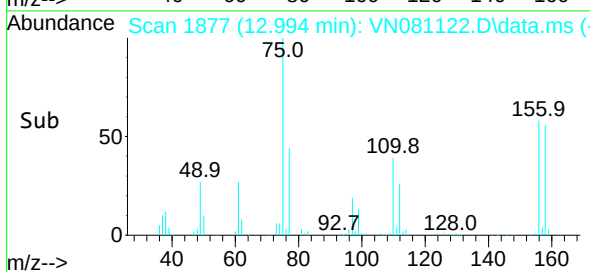
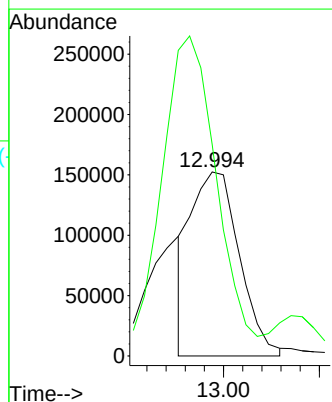
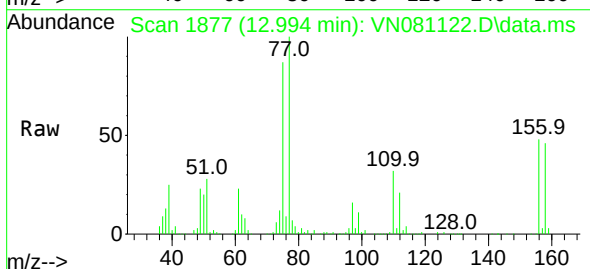
Manual Integrations
APPROVED

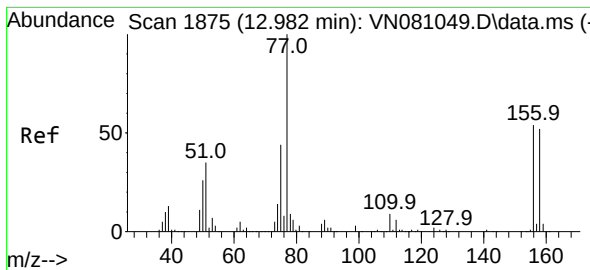
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#76
1,2,3-Trichloropropane
Concen: 43.922 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

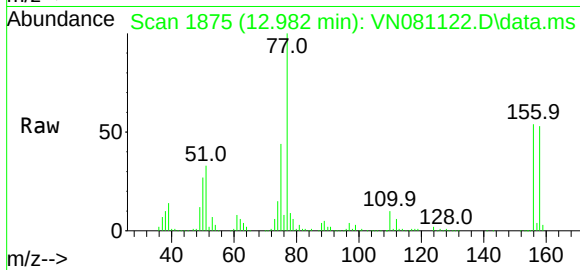
Tgt Ion: 75 Resp: 267938
Ion Ratio Lower Upper
75 100
77 198.6 91.0 272.8





#77
Bromobenzene
Concen: 47.496 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

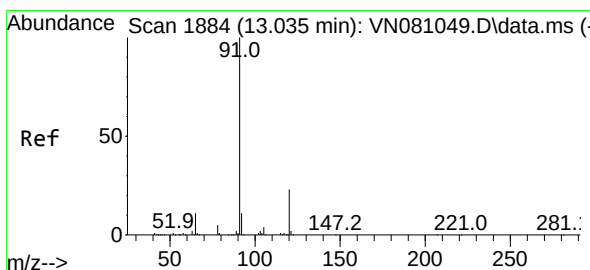
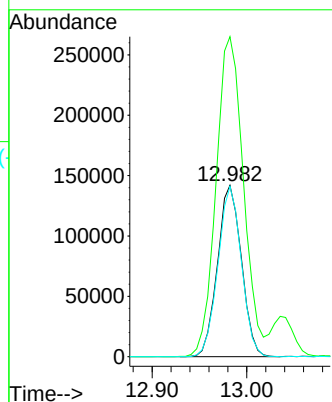
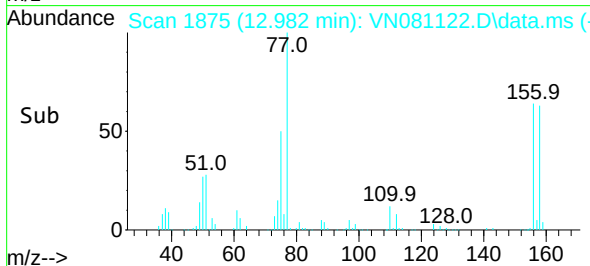
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



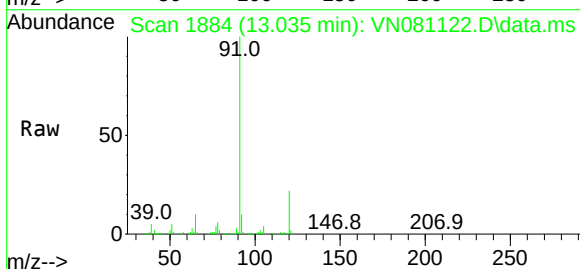
Tgt Ion:156 Resp: 24878
Ion Ratio Lower Upper
156 100
77 213.9 138.1 414.3
158 97.3 46.5 139.5

Manual Integrations
APPROVED

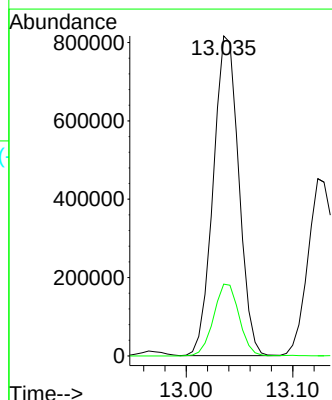
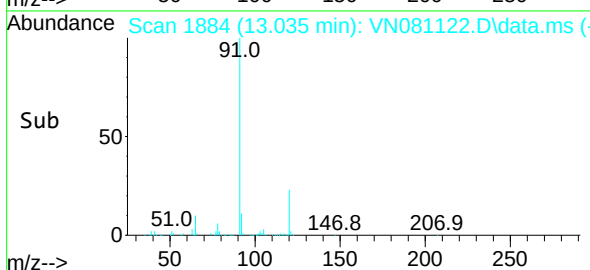
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

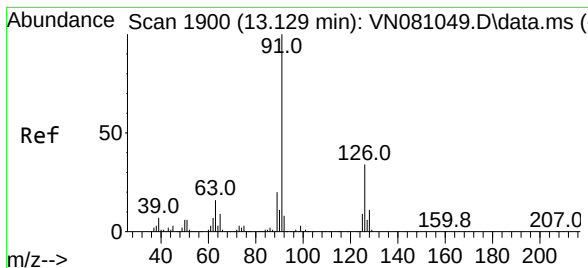


#78
n-propylbenzene
Concen: 50.126 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



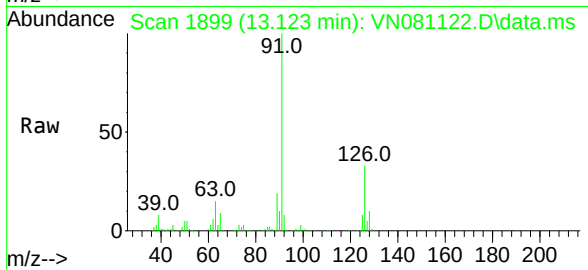
Tgt Ion: 91 Resp: 1355556
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9





#79
2-Chlorotoluene
Concen: 47.593 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

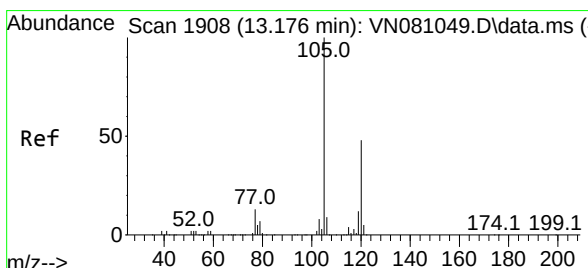
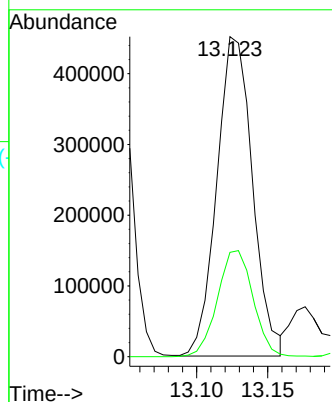
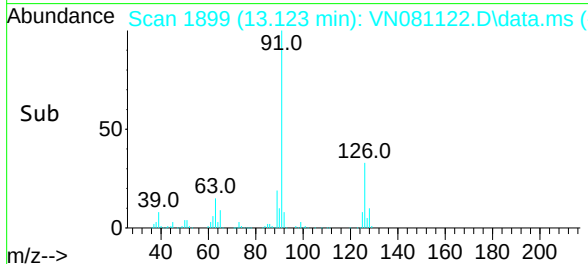
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



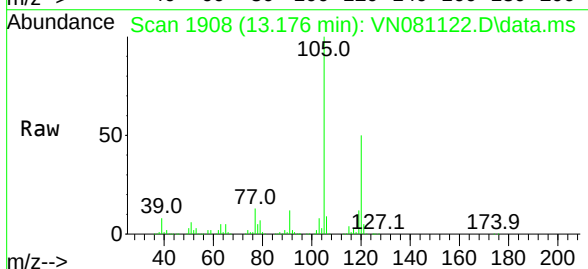
Tgt Ion: 91 Resp: 78943
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4

Manual Integrations
APPROVED

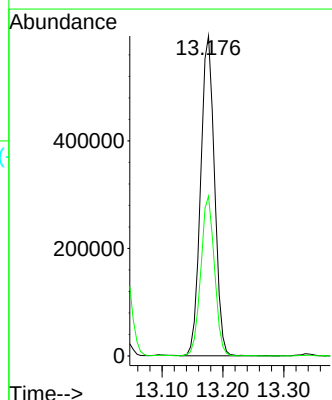
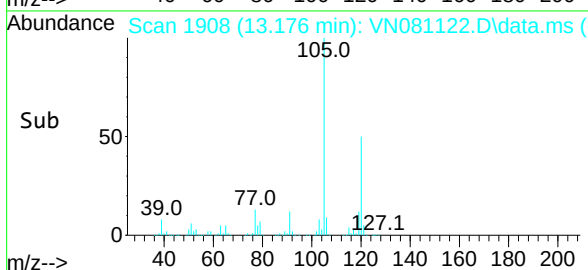
Reviewed By :John Carbone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

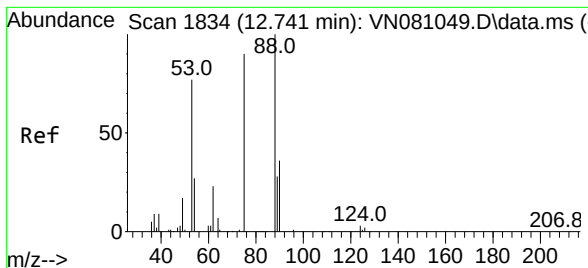


#80
1,3,5-Trimethylbenzene
Concen: 49.573 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



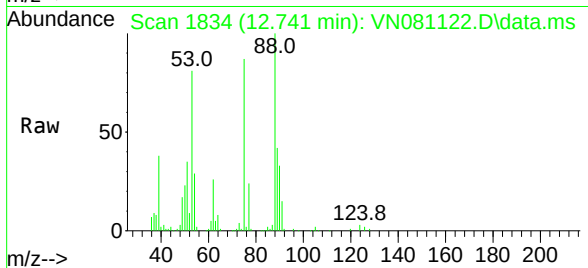
Tgt Ion:105 Resp: 944199
Ion Ratio Lower Upper
105 100
120 49.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 43.849 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

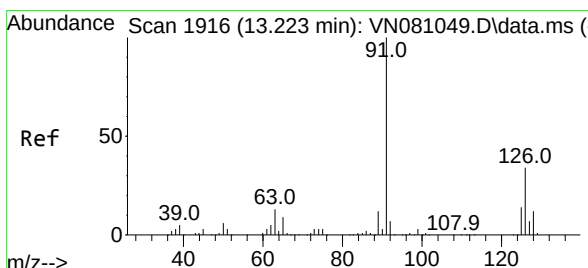
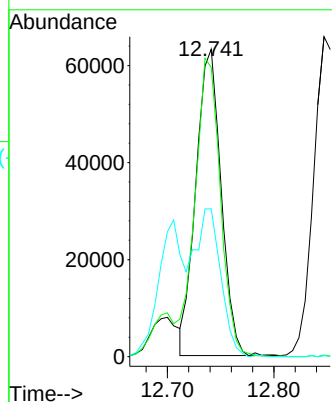
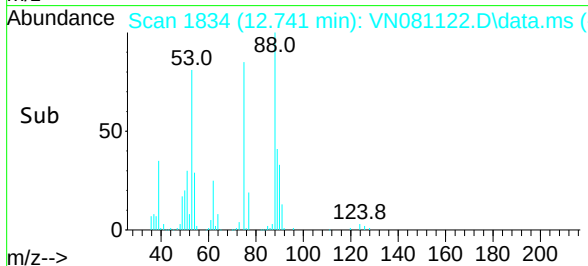
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



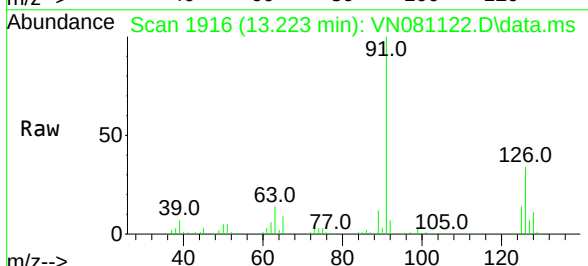
Tgt Ion: 75 Resp: 103925
Ion Ratio Lower Upper
75 100
53 99.7 71.4 107.2
89 50.3 33.4 50.0

Manual Integrations
APPROVED

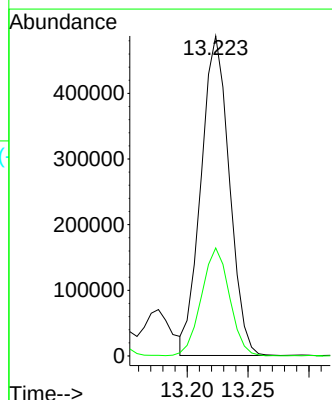
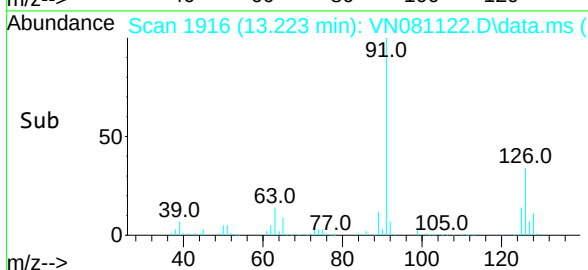
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

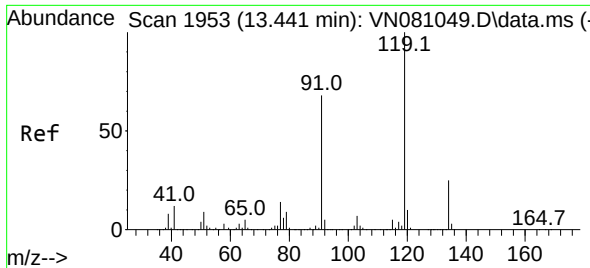


#82
4-Chlorotoluene
Concen: 48.514 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



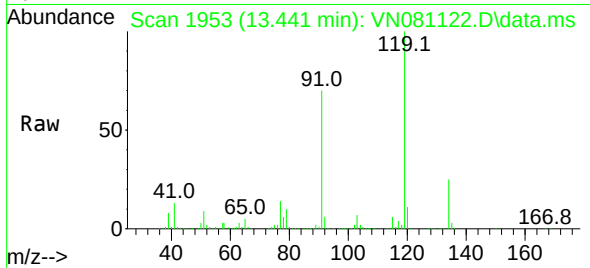
Tgt Ion: 91 Resp: 786837
Ion Ratio Lower Upper
91 100
126 33.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 48.877 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

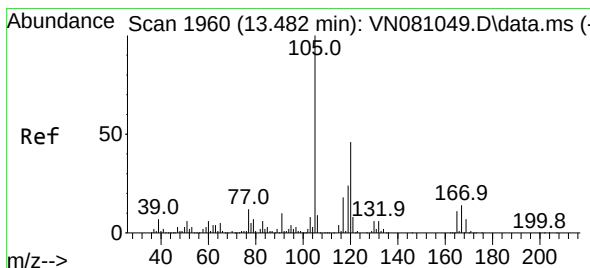
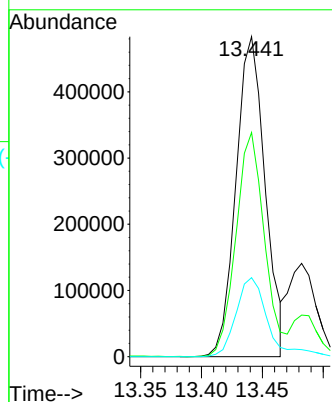
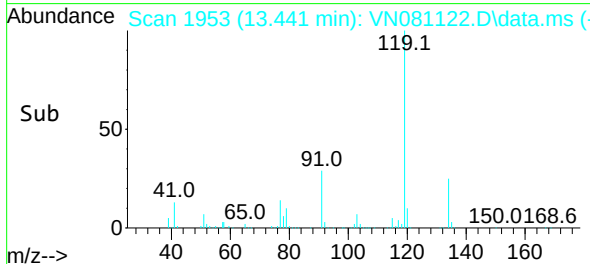
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



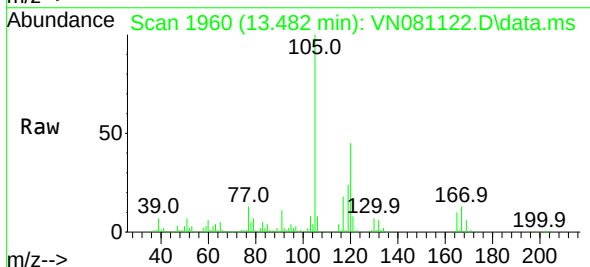
Tgt Ion:119 Resp: 80497
Ion Ratio Lower Upper
119 100
91 69.2 36.8 110.4
134 26.9 12.4 37.4

Manual Integrations
APPROVED

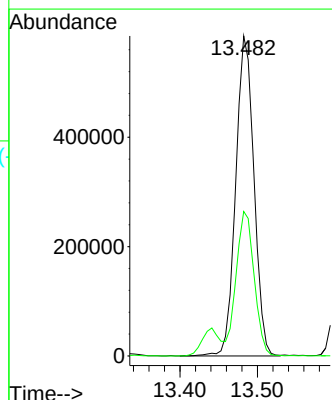
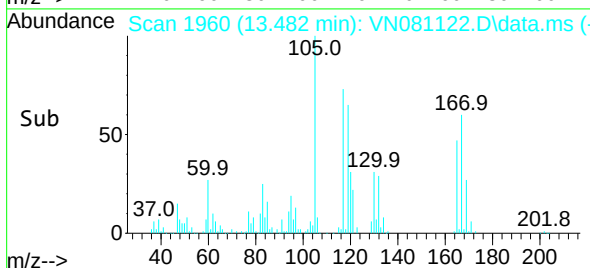
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

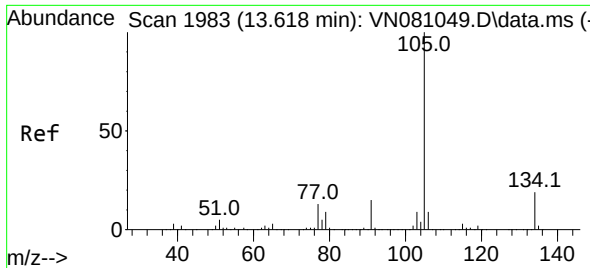


#84
1,2,4-Trimethylbenzene
Concen: 50.414 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



Tgt Ion:105 Resp: 956829
Ion Ratio Lower Upper
105 100
120 44.4 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 52.237 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081122.D
 Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

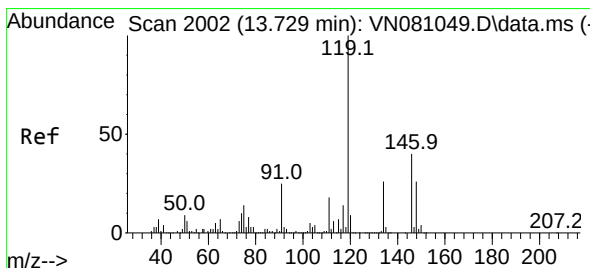
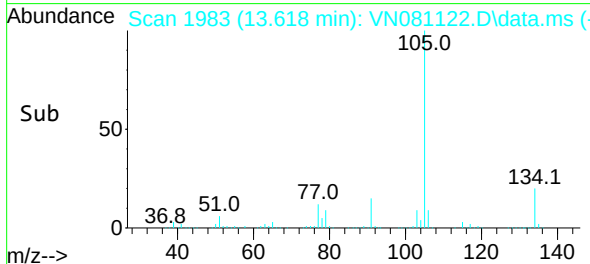
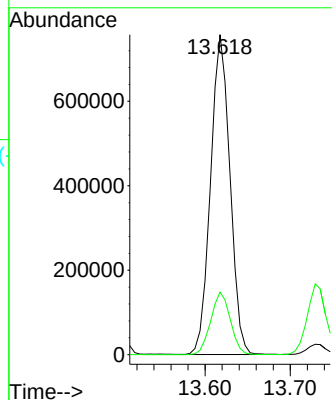
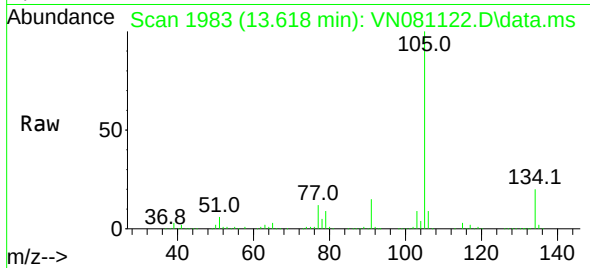
Tgt Ion:105 Resp: 119598
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

Manual Integrations

APPROVED

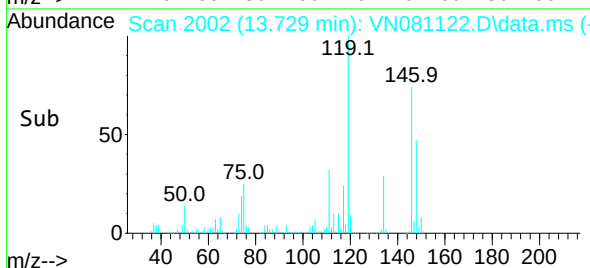
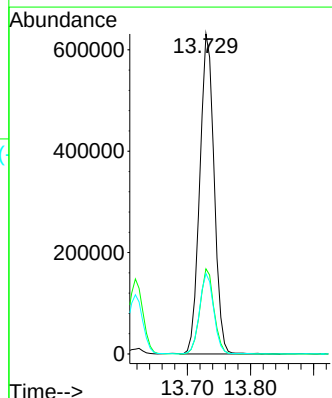
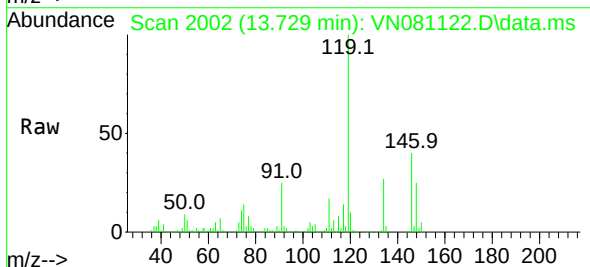
Reviewed By :John Carlone 02/22/2024

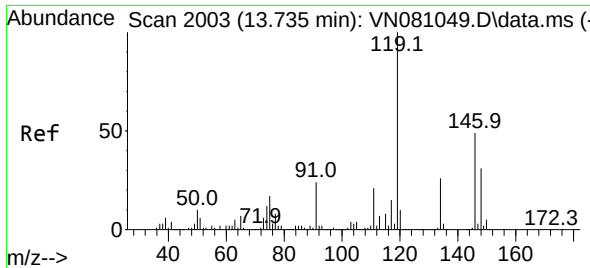
Supervised By :Semsettin Yesilyurt 02/22/2024



#86
 p-Isopropyltoluene
 Concen: 52.308 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081122.D
 Acq: 21 Feb 2024 16:23

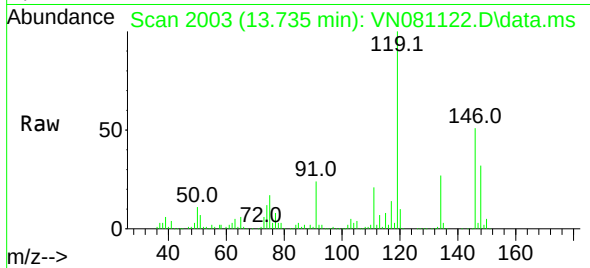
Tgt Ion:119 Resp: 994765
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 24.7 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 49.204 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

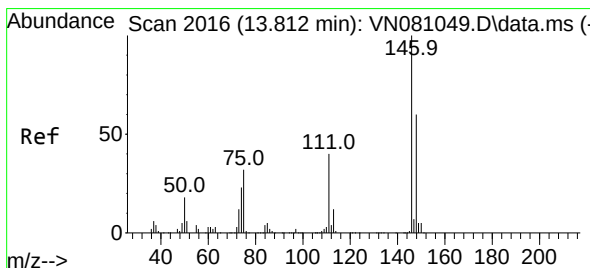
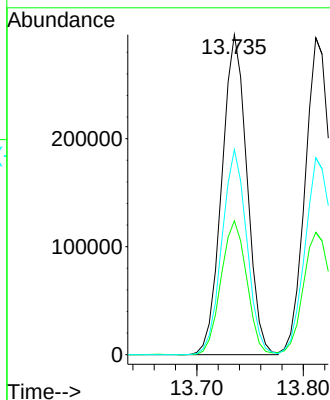
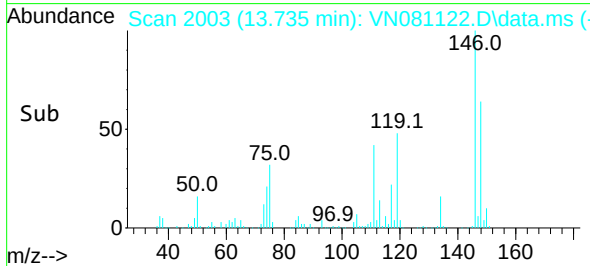
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 486963
Ion Ratio Lower Upper
146 100
111 42.6 23.9 71.7
148 63.4 32.6 97.7

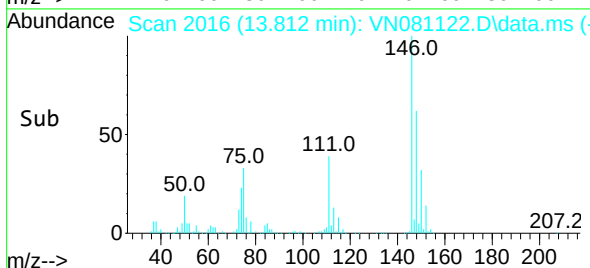
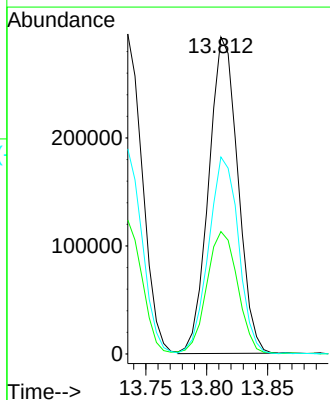
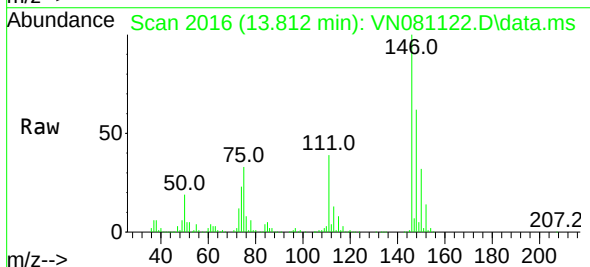
Manual Integrations
APPROVED

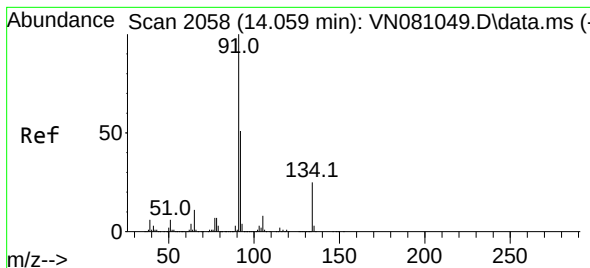
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#88
1,4-Dichlorobenzene
Concen: 50.237 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

Tgt Ion:146 Resp: 488535
Ion Ratio Lower Upper
146 100
111 40.8 22.6 67.7
148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 54.049 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 895472

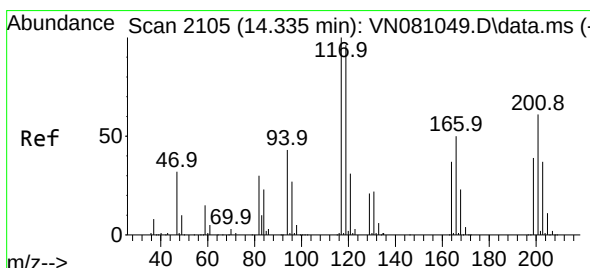
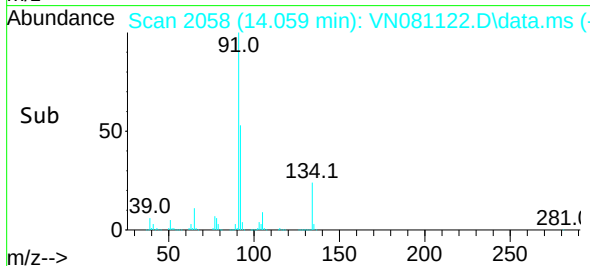
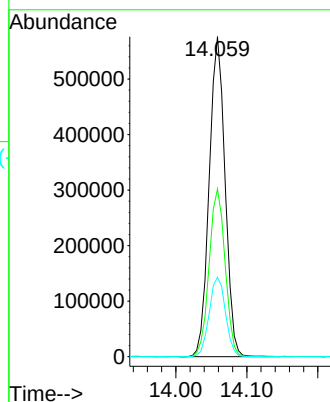
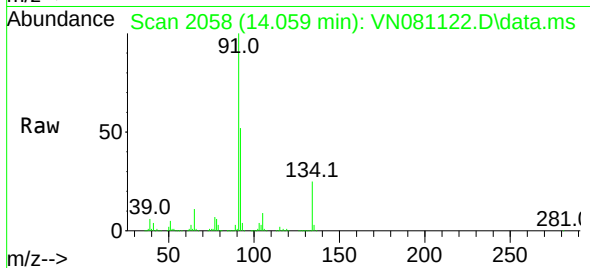
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.7	80.1
134	25.5	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#90

Hexachloroethane

Concen: 53.241 ug/l

RT: 14.335 min Scan# 2105

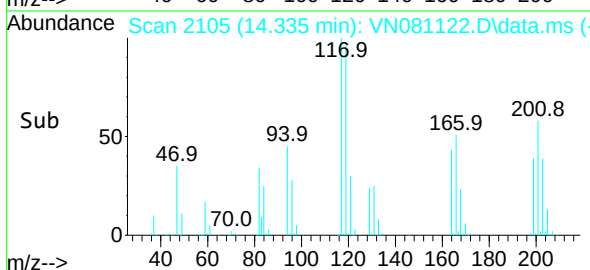
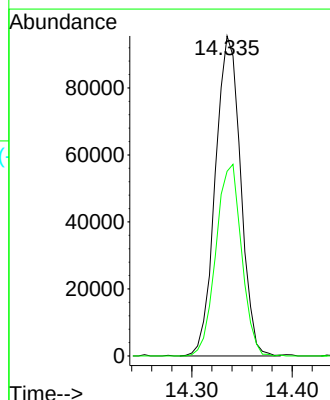
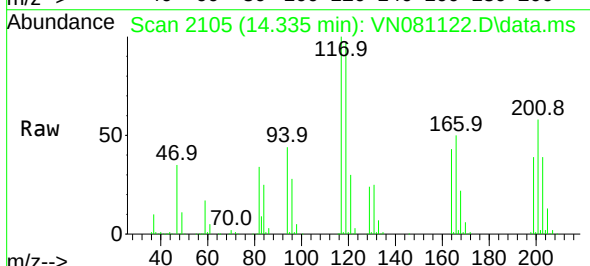
Delta R.T. -0.000 min

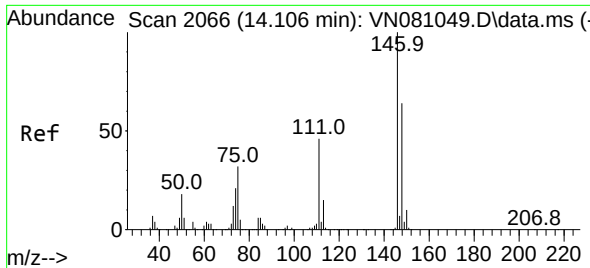
Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

Tgt Ion:117 Resp: 167363

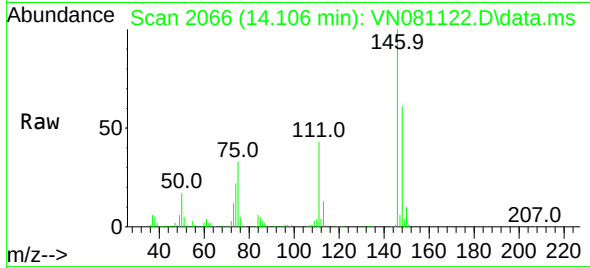
Ion	Ratio	Lower	Upper
117	100		
201	60.8	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 49.790 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23

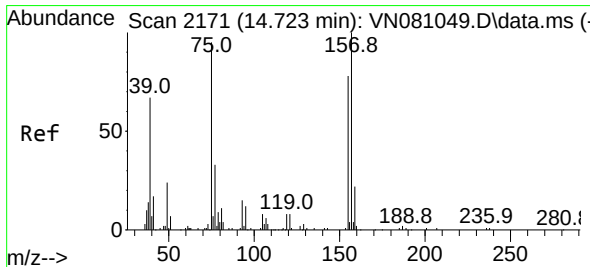
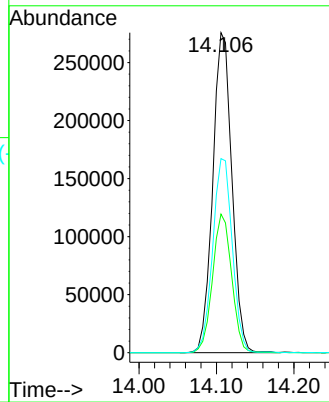
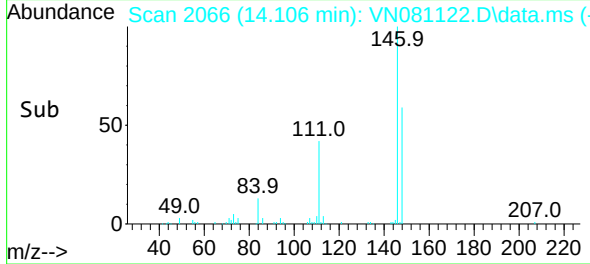
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



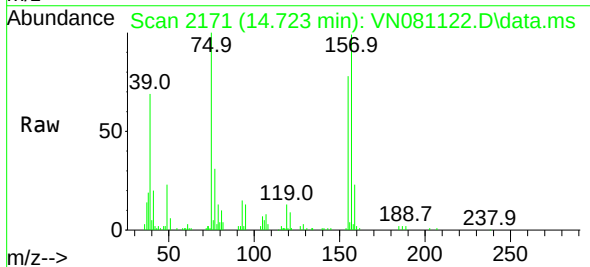
Tgt Ion:146 Resp: 475260
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.8
148 61.9 31.4 94.0

Manual Integrations
APPROVED

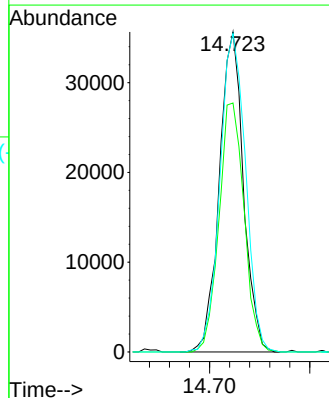
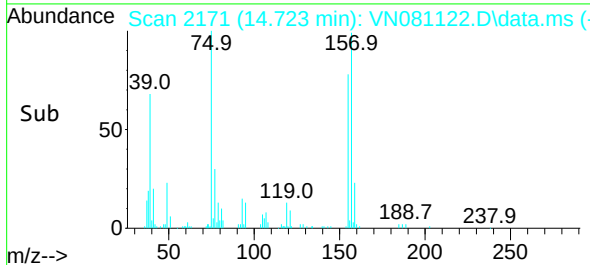
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

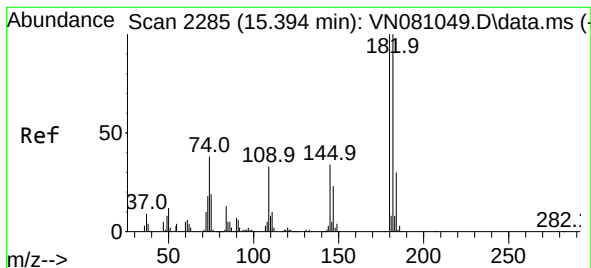


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.169 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081122.D
Acq: 21 Feb 2024 16:23



Tgt Ion: 75 Resp: 59286
Ion Ratio Lower Upper
75 100
155 81.1 31.8 95.4
157 105.6 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 53.266 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081122.D

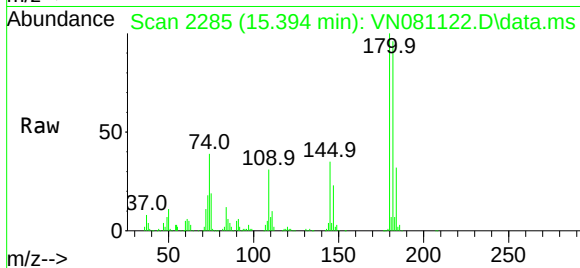
Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 283652

Ion Ratio Lower Upper

180 100

182 93.3 46.6 139.7

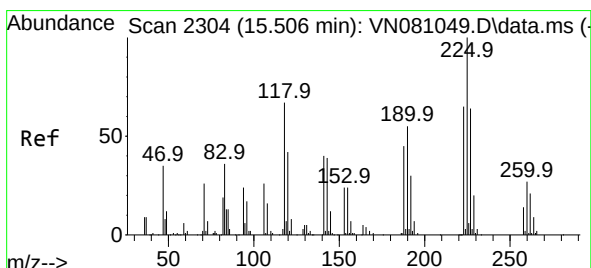
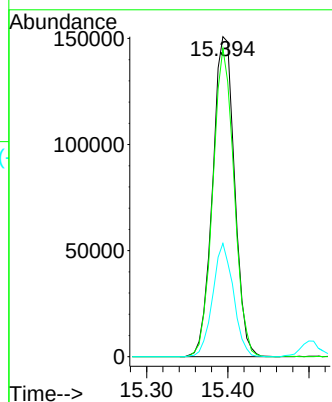
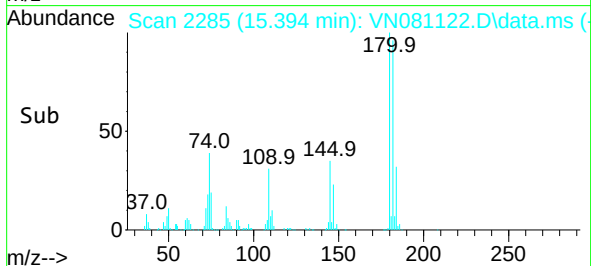
145 33.4 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#94

Hexachlorobutadiene

Concen: 54.343 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

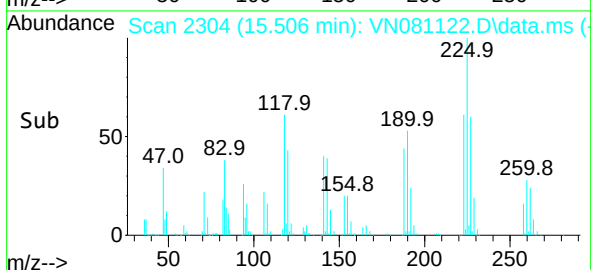
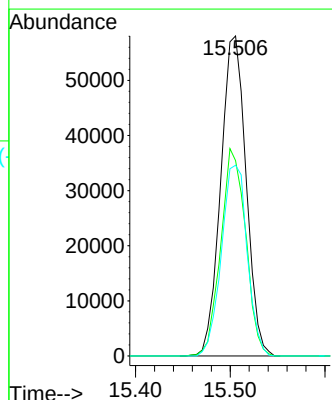
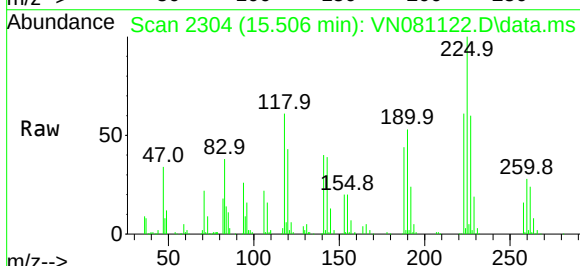
Tgt Ion:225 Resp: 107927

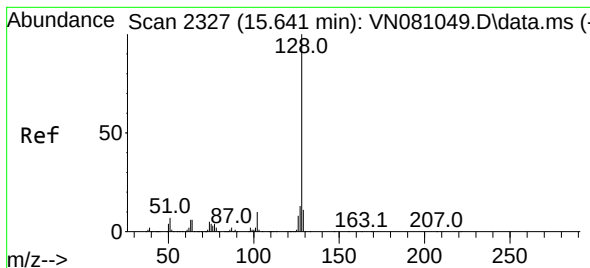
Ion Ratio Lower Upper

225 100

223 63.7 33.3 99.8

227 60.6 33.1 99.2





#95

Naphthalene

Concen: 48.521 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 94685

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

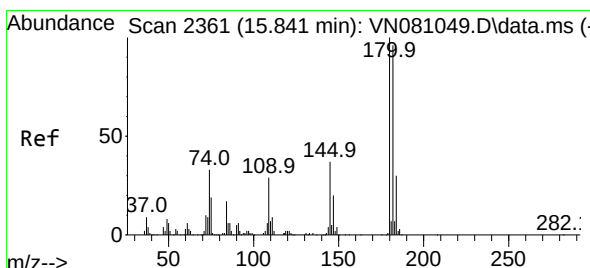
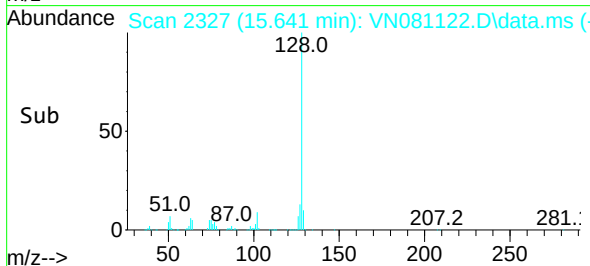
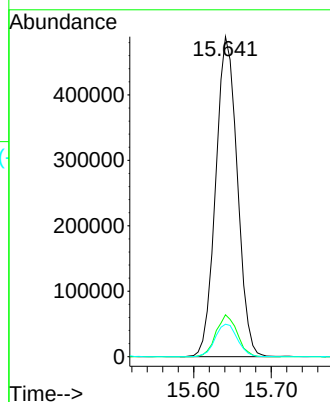
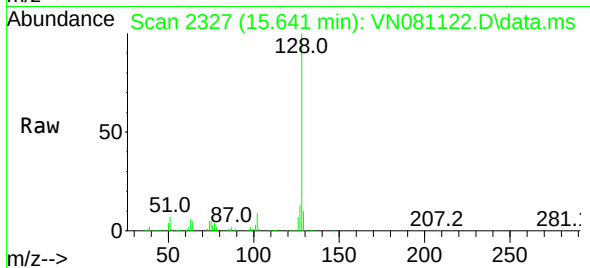
129 10.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.238 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081122.D

Acq: 21 Feb 2024 16:23

Tgt Ion:180 Resp: 270680

Ion Ratio Lower Upper

180 100

182 93.6 46.5 139.3

145 35.0 17.8 53.4

