

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081737.D
 Acq On : 15 Apr 2024 13:47
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Semsettin Yesilyurt 04/16/2024

Quant Time: Apr 15 15:14:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	237983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	386167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	18554	5.540	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.080%#		
35) Dibromofluoromethane	8.159	113	15194	5.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	10.571	98	52151	4.950	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	12.853	95	17304	4.807	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	9.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	14104	4.680	ug/l	97
3) Chloromethane	2.359	50	16129	3.735	ug/l	97
4) Vinyl Chloride	2.518	62	18419	4.993	ug/l	99
5) Bromomethane	2.954	94	14075	6.315	ug/l	92
6) Chloroethane	3.118	64	14126	4.318	ug/l	100
7) Trichlorofluoromethane	3.495	101	25936	5.445	ug/l	89
8) Diethyl Ether	3.965	74	8022	4.798	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	15481	5.189	ug/l	94
10) Methyl Iodide	4.589	142	6887	4.301	ug/l	93
11) Tert butyl alcohol	5.518	59	13035	28.535	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	14365	5.080	ug/l	88
13) Acrolein	4.171	56	13064	26.902	ug/l	95
14) Allyl chloride	5.024	41	18602	5.152	ug/l	94
15) Acrylonitrile	5.724	53	30763	24.402	ug/l	96
16) Acetone	4.430	43	24070	25.825	ug/l	91
17) Carbon Disulfide	4.712	76	41623	5.065	ug/l #	94
18) Methyl Acetate	5.024	43	13478	5.170	ug/l #	82
19) Methyl tert-butyl Ether	5.794	73	41688	5.066	ug/l	92
20) Methylene Chloride	5.283	84	16969	4.212	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	13737	4.837	ug/l #	77
22) Diisopropyl ether	6.671	45	39026	4.998	ug/l	94
23) Vinyl Acetate	6.606	43	149678	24.556	ug/l	96
24) 1,1-Dichloroethane	6.571	63	26736	5.204	ug/l	94
25) 2-Butanone	7.489	43	37850	24.634	ug/l	92
26) 2,2-Dichloropropane	7.494	77	22333	4.986	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	17582	5.061	ug/l	98
28) Bromochloromethane	7.818	49	12362	5.636	ug/l	94
29) Tetrahydrofuran	7.841	42	24704	24.851	ug/l	96
30) Chloroform	7.965	83	30682	5.266	ug/l	92
31) Cyclohexane	8.265	56	27103	5.900	ug/l #	87
32) 1,1,1-Trichloroethane	8.171	97	26475	5.125	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	19192	4.817	ug/l	97
37) Ethyl Acetate	7.559	43	15873	4.848	ug/l #	79
38) Carbon Tetrachloride	8.359	117	22827	4.925	ug/l	95
39) Methylcyclohexane	9.606	83	22018	4.691	ug/l	89
40) Benzene	8.606	78	60930	4.909	ug/l	98

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:10:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	8639	4.861	ug/l	97
42) 1,2-Dichloroethane	8.671	62	21551	4.981	ug/l	99
43) Isopropyl Acetate	8.694	43	30216	4.947	ug/l	98
44) Trichloroethene	9.359	130	15698	4.864	ug/l	96
45) 1,2-Dichloropropane	9.624	63	12891	4.505	ug/l	92
46) Dibromomethane	9.706	93	11569	4.844	ug/l	97
47) Bromodichloromethane	9.888	83	21985	4.819	ug/l	93
48) Methyl methacrylate	9.682	41	12421	4.990	ug/l	94
49) 1,4-Dioxane	9.688	88	5565	89.132	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	81766	24.069	ug/l	97
52) Toluene	10.629	92	38040	4.825	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	20462	4.503	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	22779	4.705	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	14827	5.007	ug/l	93
56) Ethyl methacrylate	10.877	69	18745	4.600	ug/l	94
57) 1,3-Dichloropropane	11.165	76	24152	4.872	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	53024	24.594	ug/l	95
59) 2-Hexanone	11.200	43	57525	23.391	ug/l	96
60) Dibromochloromethane	11.359	129	17615	4.921	ug/l	100
61) 1,2-Dibromoethane	11.465	107	14780	4.785	ug/l	96
64) Tetrachloroethene	11.100	164	16901	5.158	ug/l	97
65) Chlorobenzene	11.894	112	44108	4.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	14823	4.890	ug/l	96
67) Ethyl Benzene	11.965	91	65807	4.705	ug/l	98
68) m/p-Xylenes	12.076	106	50249	9.239	ug/l	96
69) o-Xylene	12.400	106	25708	4.932	ug/l	89
70) Styrene	12.412	104	37928	4.442	ug/l	96
71) Bromoform	12.576	173	11790	5.041	ug/l #	99
73) Isopropylbenzene	12.694	105	60525	4.893	ug/l	97
74) N-amyl acetate	12.494	43	21699	4.820	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	19443	5.350	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	19300m	5.666	ug/l	
77) Bromobenzene	12.982	156	16127	5.114	ug/l	93
78) n-propylbenzene	13.035	91	69463	4.840	ug/l	99
79) 2-Chlorotoluene	13.129	91	43348	4.845	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	49203	4.870	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	6534	5.107	ug/l	89
82) 4-Chlorotoluene	13.223	91	44731	5.061	ug/l	97
83) tert-Butylbenzene	13.441	119	44412	5.018	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	48572	4.766	ug/l	100
85) sec-Butylbenzene	13.618	105	57950	4.693	ug/l	99
86) p-Isopropyltoluene	13.729	119	46390	4.583	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	28838	4.893	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	29766	5.058	ug/l	92
89) n-Butylbenzene	14.059	91	41533	4.693	ug/l	96
90) Hexachloroethane	14.335	117	10468	4.858	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	27751	4.865	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3610	3.319	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	13190	4.389	ug/l	96
94) Hexachlorobutadiene	15.500	225	6442	4.973	ug/l	96
95) Naphthalene	15.647	128	40814	4.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	13989	4.553	ug/l	98

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Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

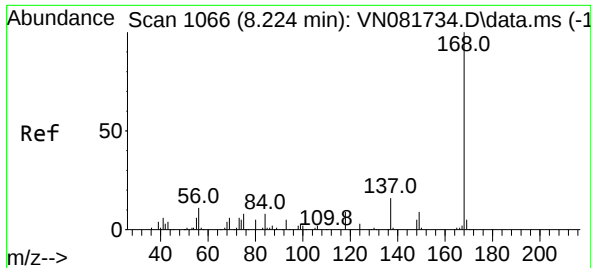
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

Quant Time: Apr 15 15:14:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:10:03 2024
Response via : Initial Calibration

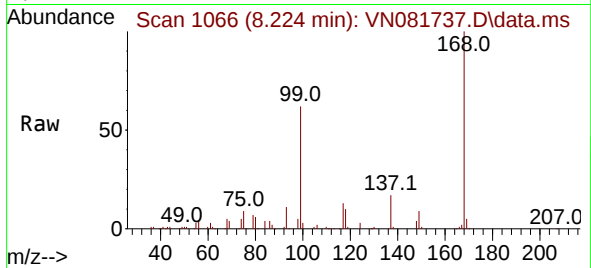
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081737.D
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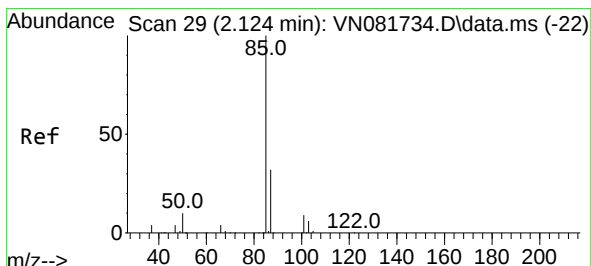
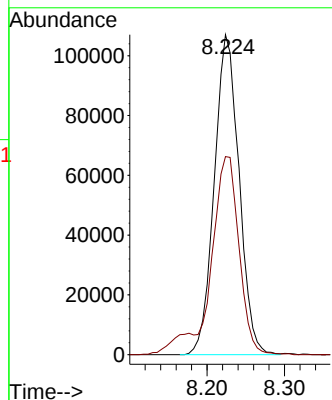
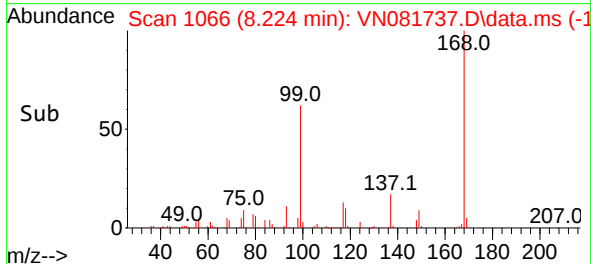
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 23798
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4

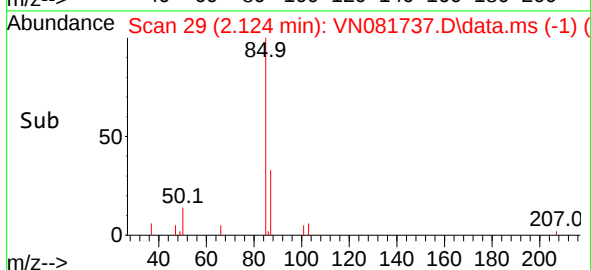
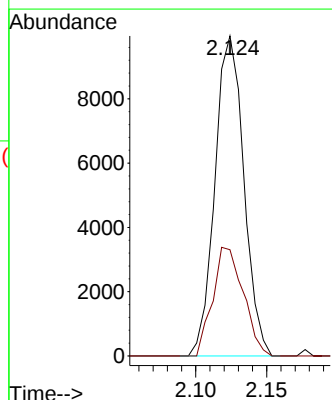
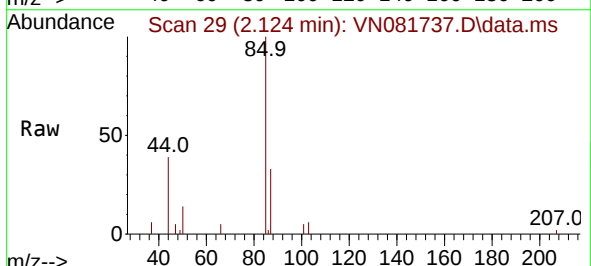
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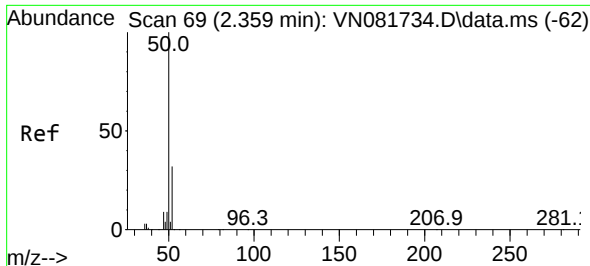
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#2
Dichlorodifluoromethane
Concen: 4.680 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

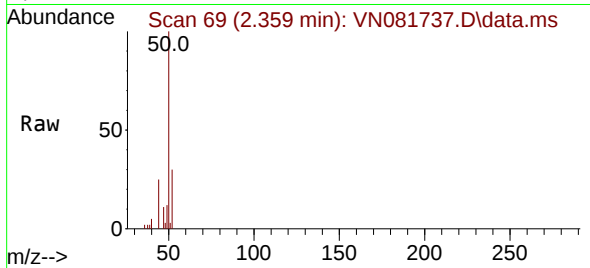
Tgt Ion: 85 Resp: 14104
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 3.735 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

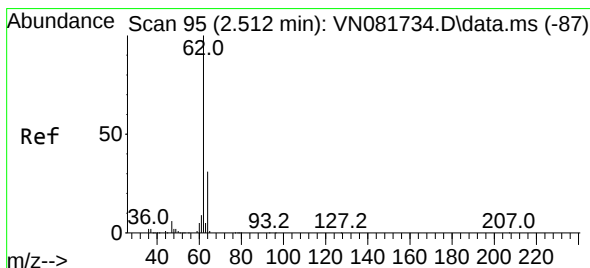
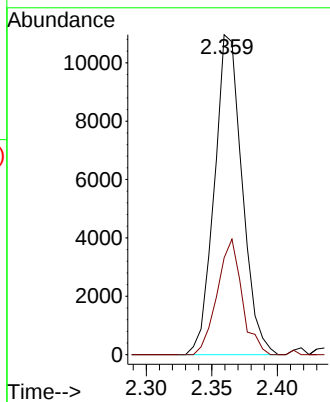
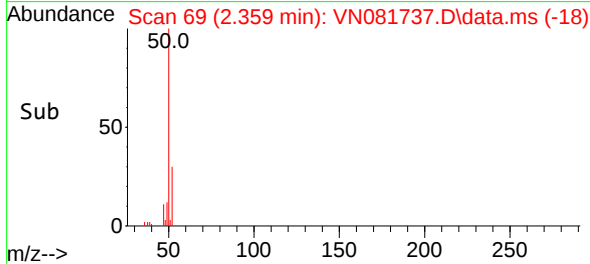
Instrument :
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VSTDIC005



Tgt Ion: 50 Resp: 16129
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3

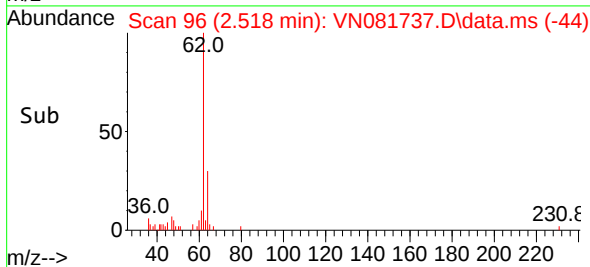
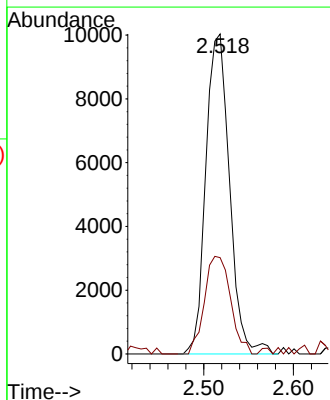
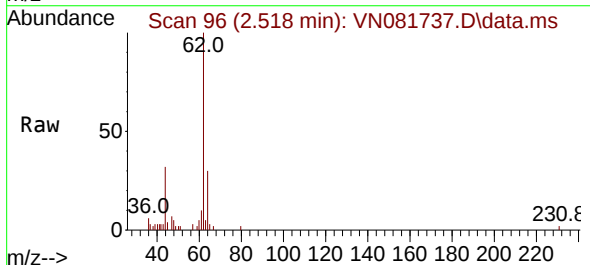
Manual Integrations
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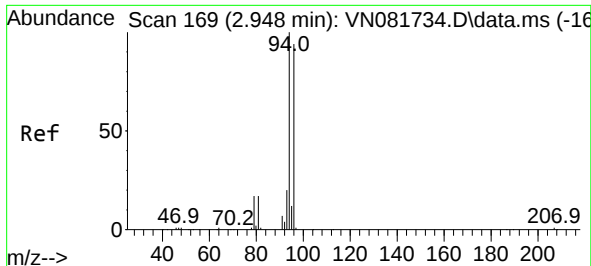
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#4
Vinyl Chloride
Concen: 4.993 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

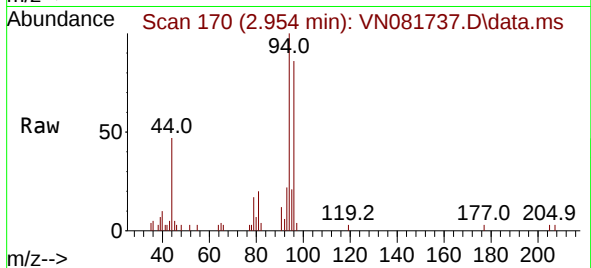
Tgt Ion: 62 Resp: 18419
Ion Ratio Lower Upper
62 100
64 30.1 24.6 37.0





#5
Bromomethane
Concen: 6.315 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

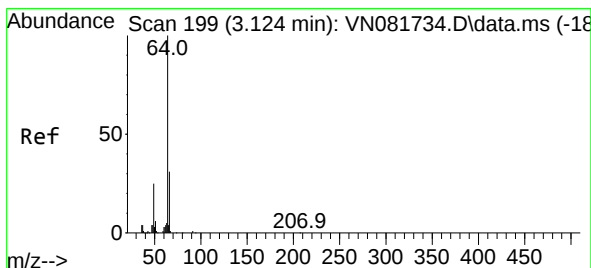
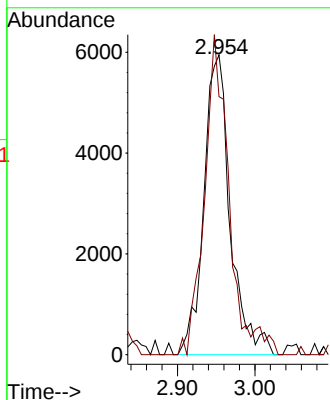
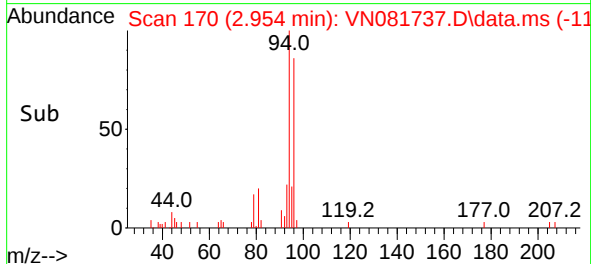
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 14075
Ion Ratio Lower Upper
94 100
96 86.1 74.8 112.2

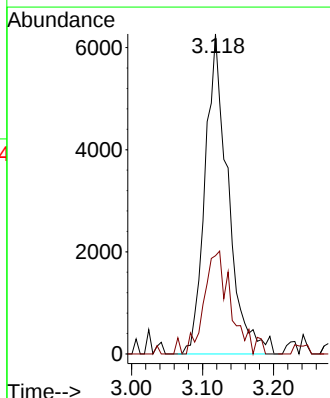
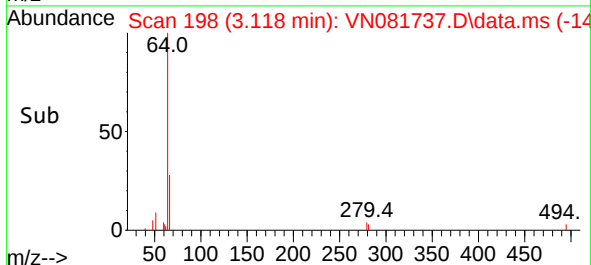
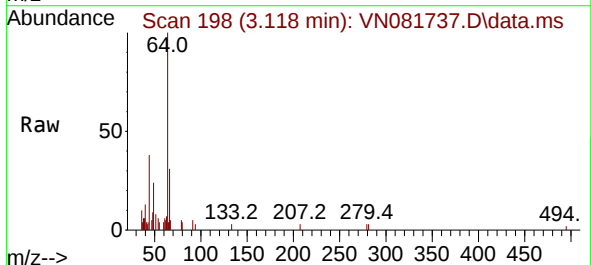
Manual Integrations
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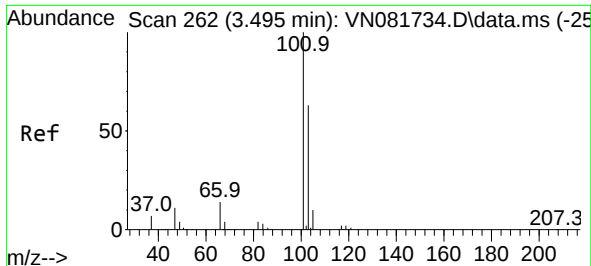
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#6
Chloroethane
Concen: 4.318 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion: 64 Resp: 14126
Ion Ratio Lower Upper
64 100
66 30.7 24.7 37.1





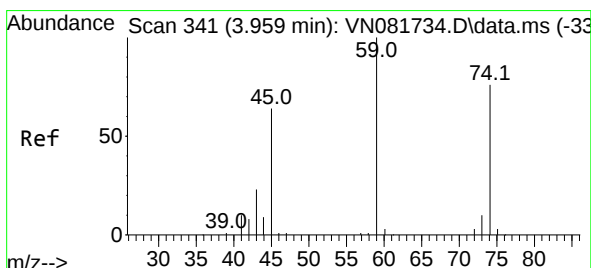
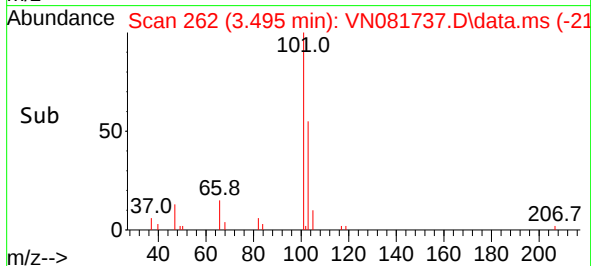
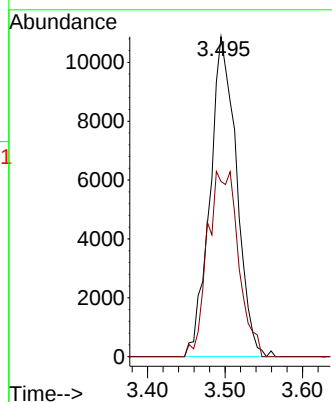
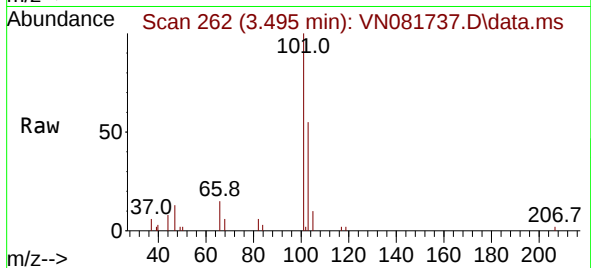
#7
 Trichlorofluoromethane
 Concen: 5.445 ug/l
 RT: 3.495 min Scan# 209
 Delta R.T. -0.000 min
 Lab File: VN081737.D
 Acq: 15 Apr 2024 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 25936
 Ion Ratio Lower Upper
 101 100
 103 54.7 50.6 75.8

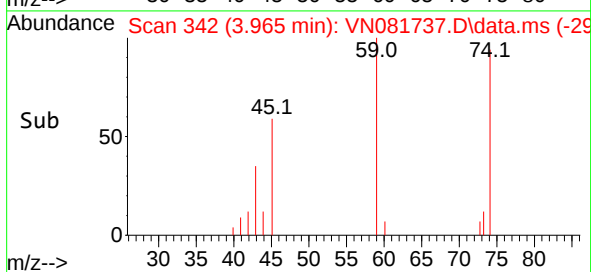
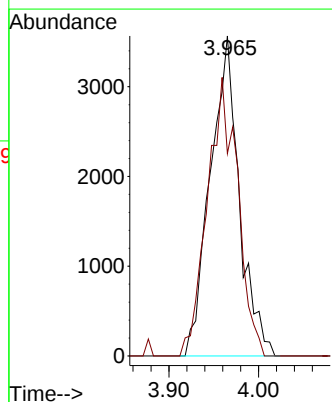
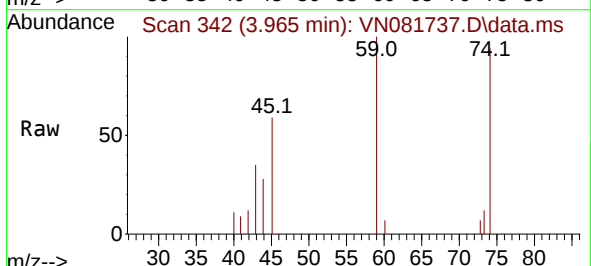
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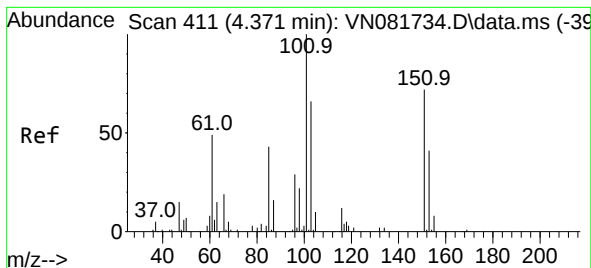
Reviewed By : John Carlone 04/15/2024
 Supervised By : Semsettin Yesilyurt 04/16/2024



#8
 Diethyl Ether
 Concen: 4.798 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081737.D
 Acq: 15 Apr 2024 13:47

Tgt Ion: 74 Resp: 8022
 Ion Ratio Lower Upper
 74 100
 45 90.8 42.4 127.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.189 ug/l

RT: 4.371 min Scan# 411

Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

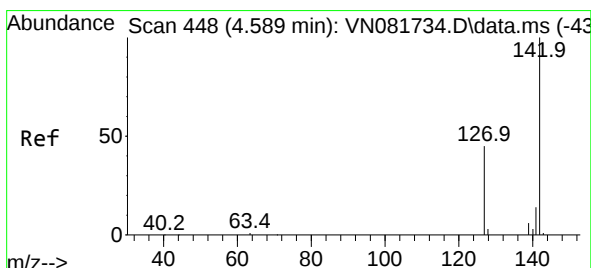
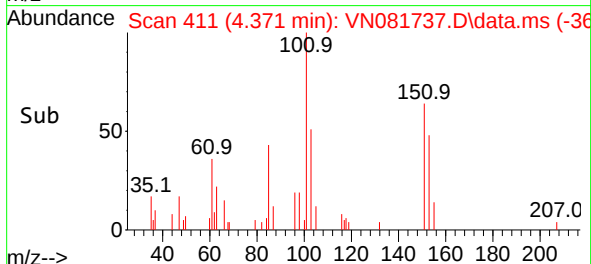
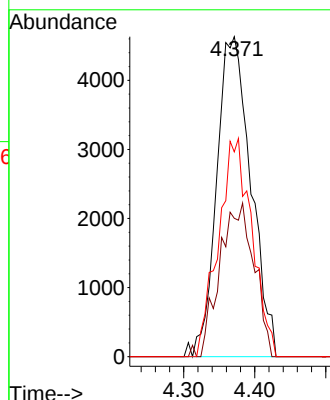
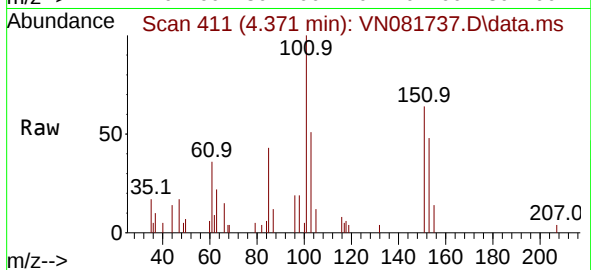
Tgt Ion:	101	Resp:	1548
Ion Ratio	Lower	Upper	
101	100		
85	47.9	37.3	55.9
151	67.0	59.2	88.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#10

Methyl Iodide

Concen: 4.301 ug/l

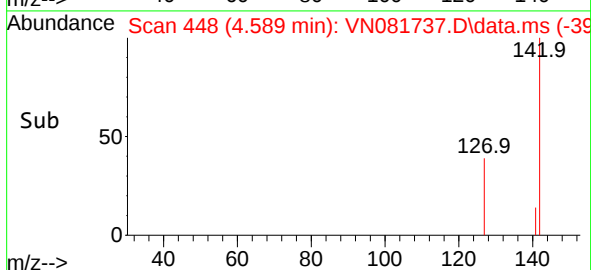
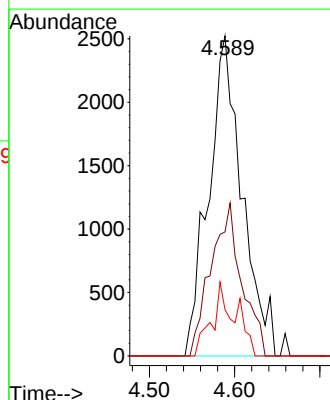
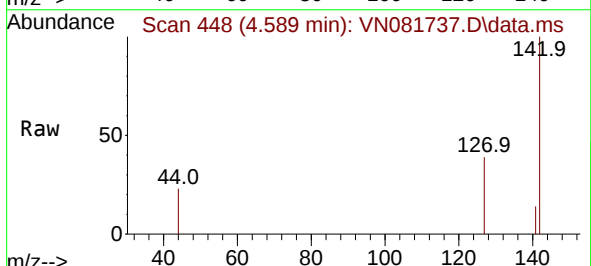
RT: 4.589 min Scan# 448

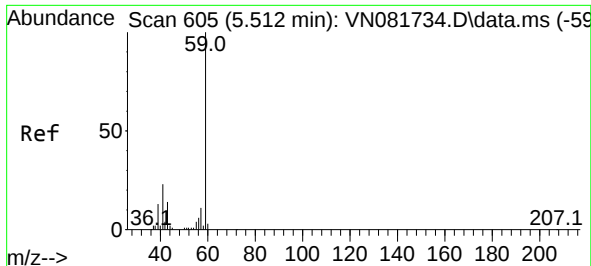
Delta R.T. -0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

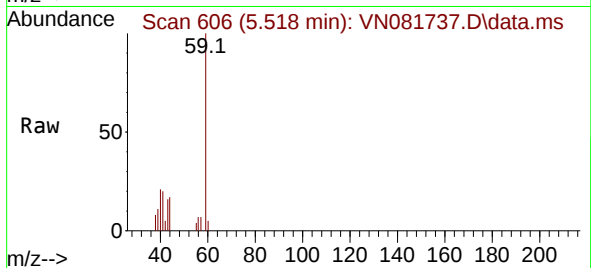
Tgt Ion:	142	Resp:	6887
Ion Ratio	Lower	Upper	
142	100		
127	38.7	35.8	53.6
141	14.5	11.4	17.2





#11
Tert butyl alcohol
Concen: 28.535 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

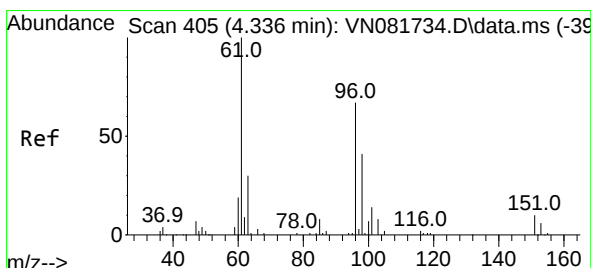
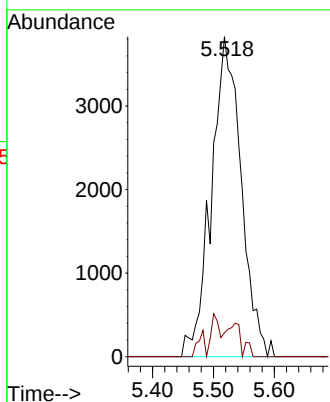
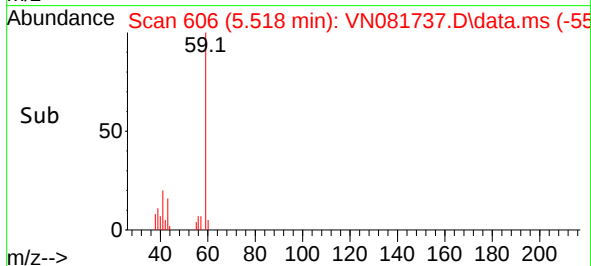
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



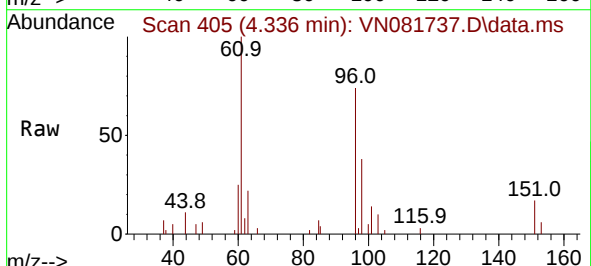
Tgt Ion: 59 Resp: 13035
Ion Ratio Lower Upper
59 100
57 4.9 8.9 13.3

Manual Integrations
APPROVED

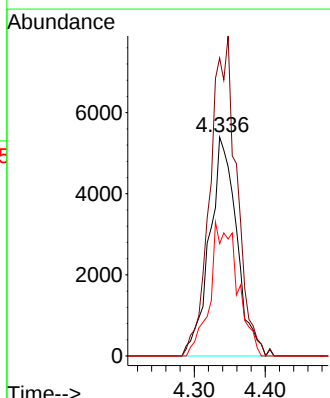
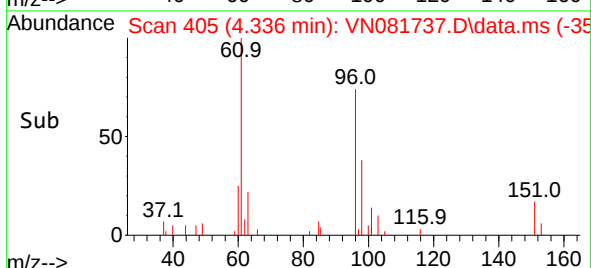
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

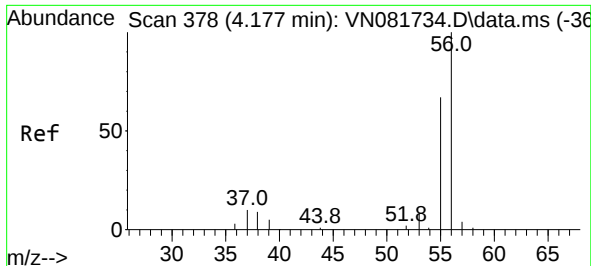


#12
1,1-Dichloroethene
Concen: 5.080 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



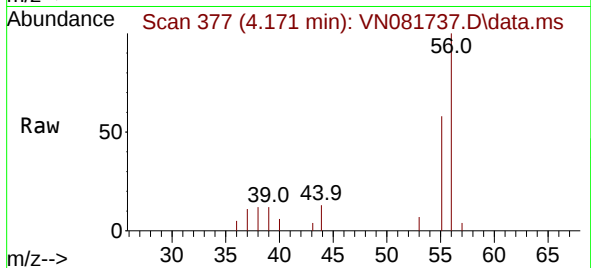
Tgt Ion: 96 Resp: 14365
Ion Ratio Lower Upper
96 100
61 136.0 119.7 179.5
98 51.3 49.6 74.4





#13
Acrolein
Concen: 26.902 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

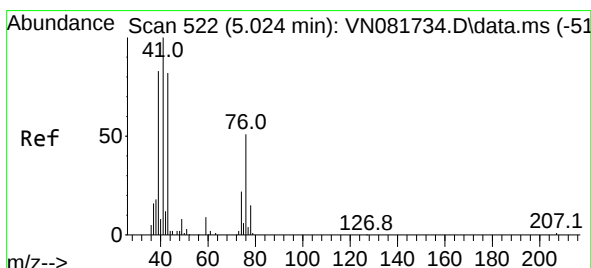
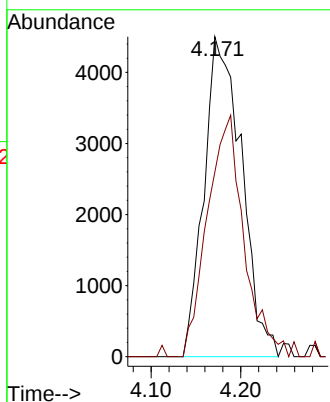
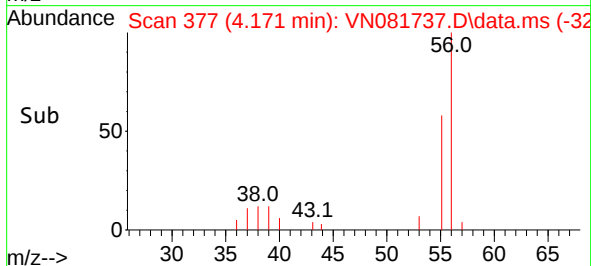
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 13064
Ion Ratio Lower Upper
56 100
55 73.8 55.8 83.8

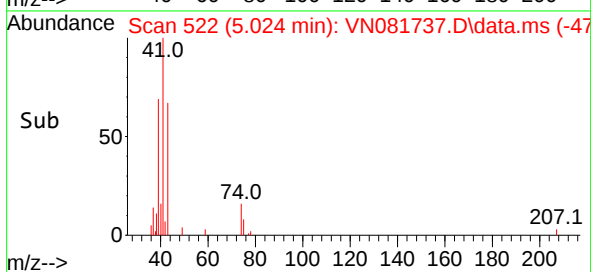
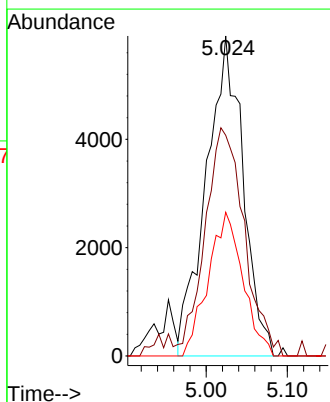
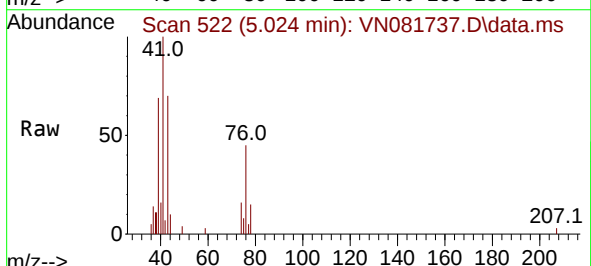
Manual Integrations
APPROVED

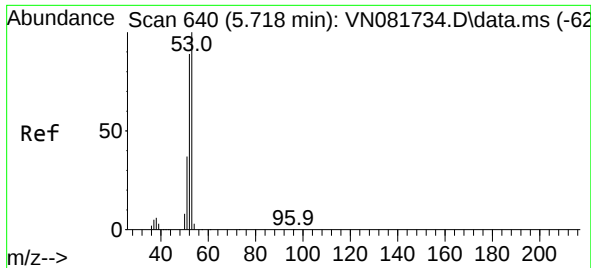
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#14
Allyl chloride
Concen: 5.152 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

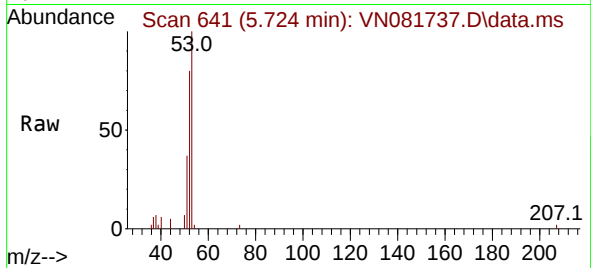
Tgt Ion: 41 Resp: 18602
Ion Ratio Lower Upper
41 100
39 76.4 65.4 98.0
76 42.5 37.3 55.9





#15
Acrylonitrile
Concen: 24.402 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

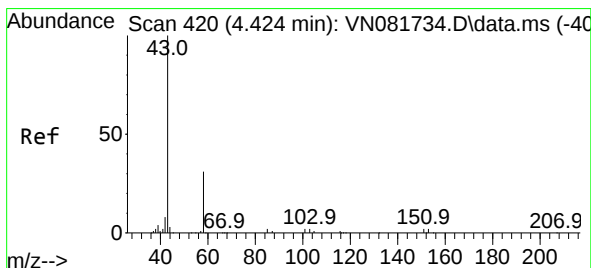
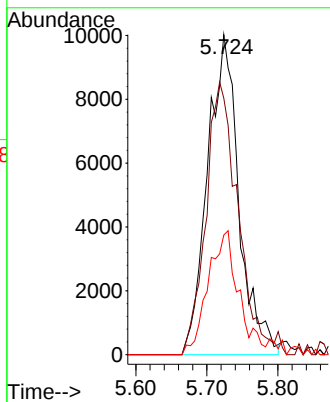
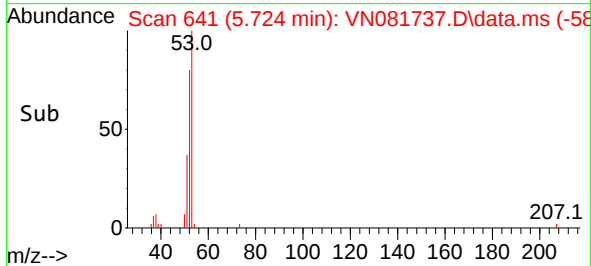
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 3076
Ion Ratio Lower Upper
53 100
52 87.6 66.1 99.1
51 37.5 29.4 44.2

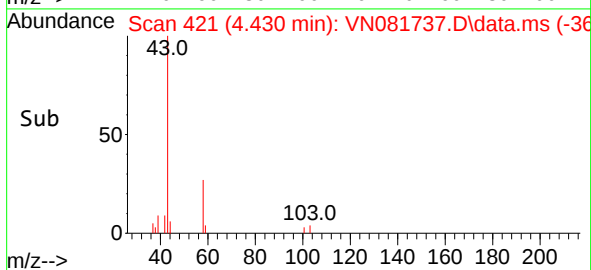
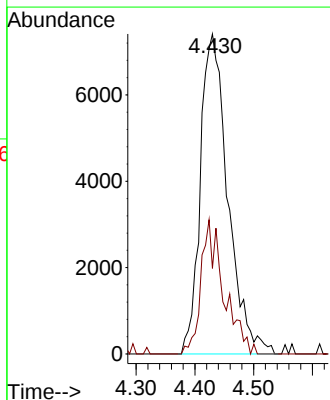
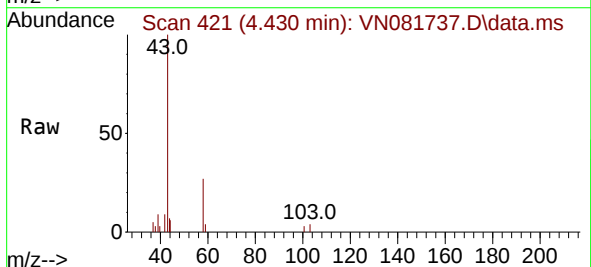
Manual Integrations
APPROVED

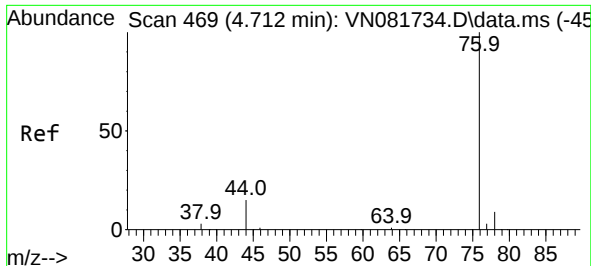
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#16
Acetone
Concen: 25.825 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

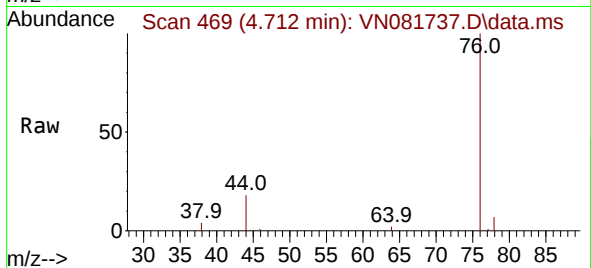
Tgt Ion: 43 Resp: 24070
Ion Ratio Lower Upper
43 100
58 26.7 25.2 37.8





#17
Carbon Disulfide
Concen: 5.065 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

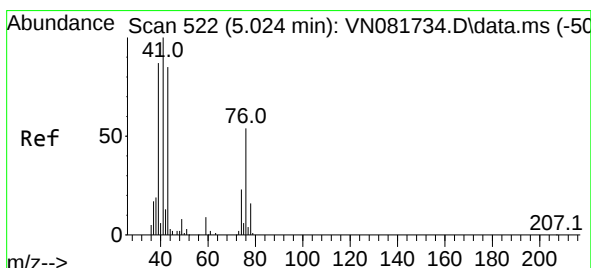
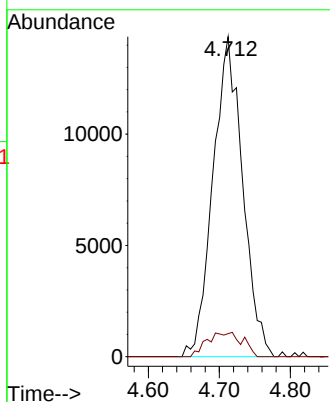
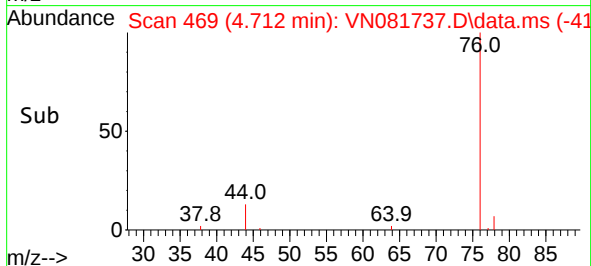
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 41623
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#

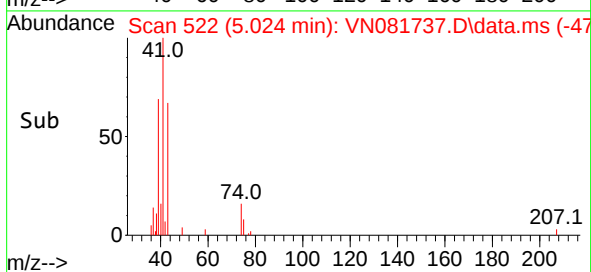
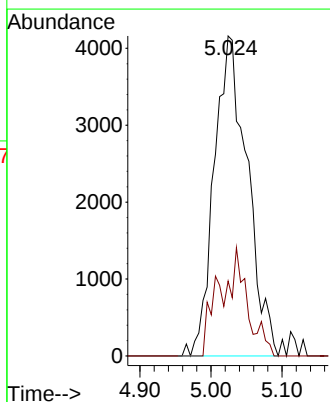
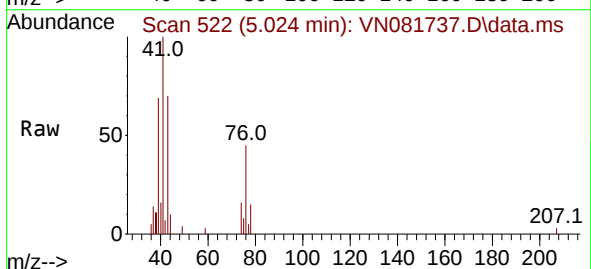
Manual Integrations
APPROVED

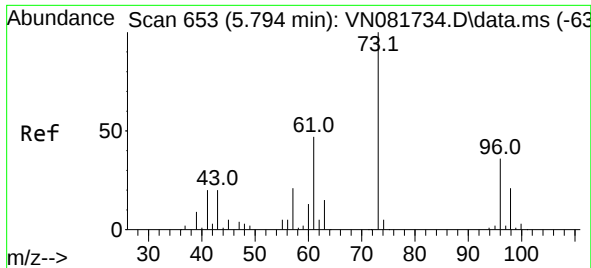
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#18
Methyl Acetate
Concen: 5.170 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

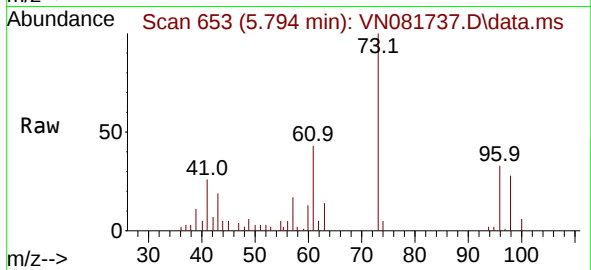
Tgt Ion: 43 Resp: 13478
Ion Ratio Lower Upper
43 100
74 18.2 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 5.066 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

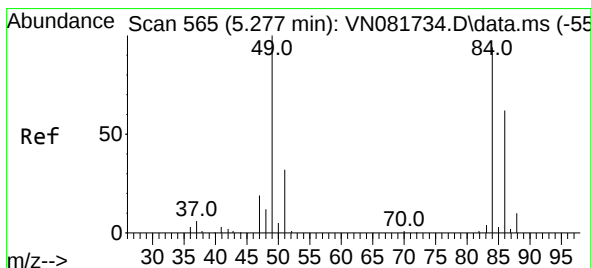
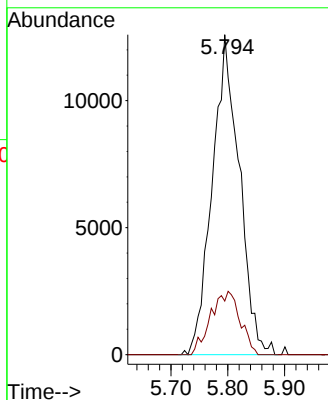
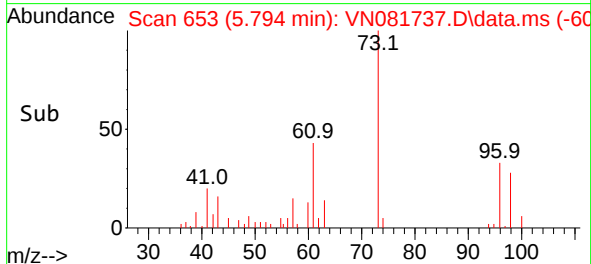
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



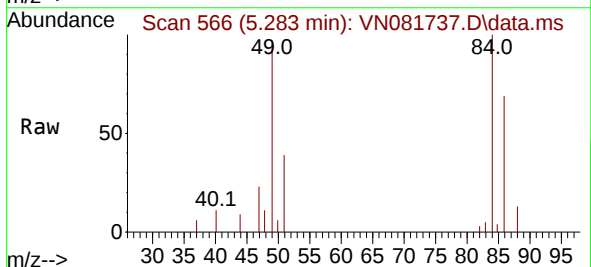
Tgt Ion: 73 Resp: 4168
Ion Ratio Lower Upper
73 100
57 16.8 16.5 24.7

Manual Integrations
APPROVED

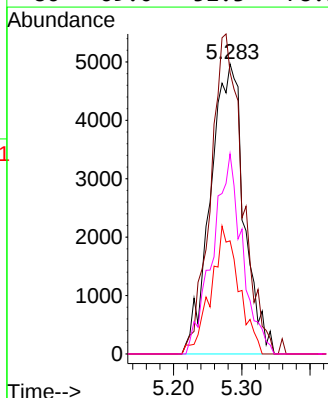
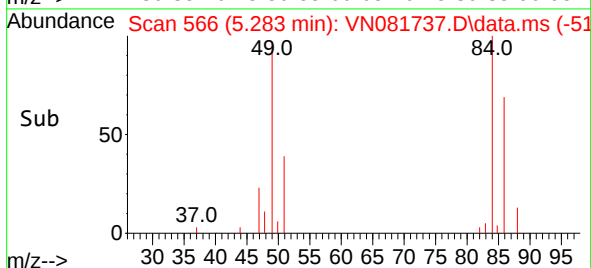
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

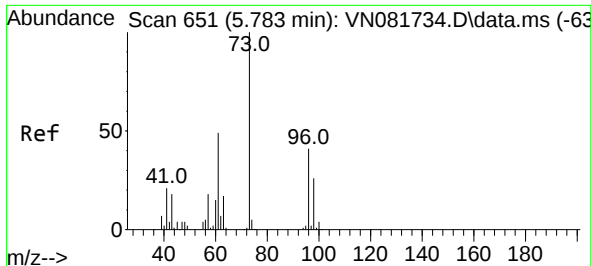


#20
Methylene Chloride
Concen: 4.212 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



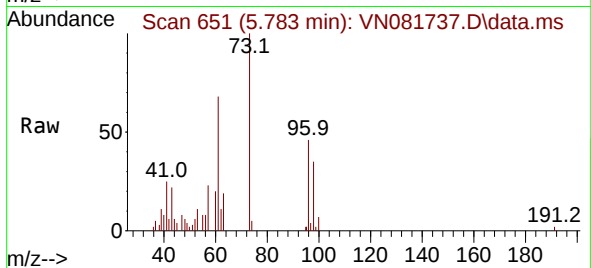
Tgt Ion: 84 Resp: 16969
Ion Ratio Lower Upper
84 100
49 97.1 84.9 127.3
51 39.0 27.0 40.6
86 69.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 4.837 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

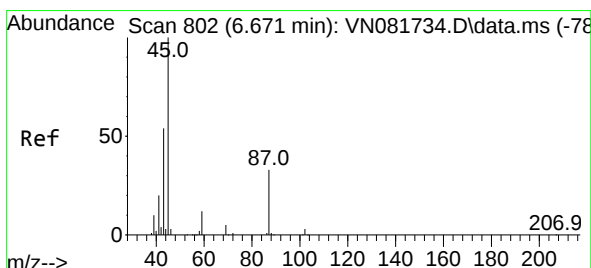
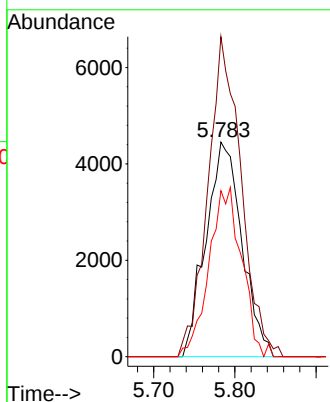
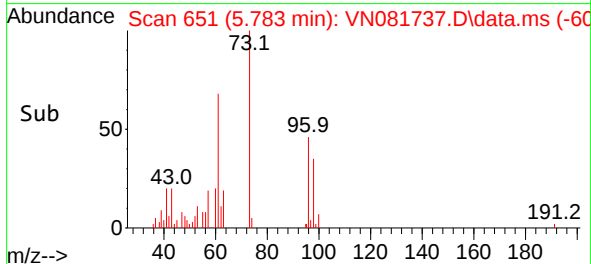
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 1373
Ion Ratio Lower Upper
96 100
61 149.2 96.5 144.7
98 77.3 51.3 76.9

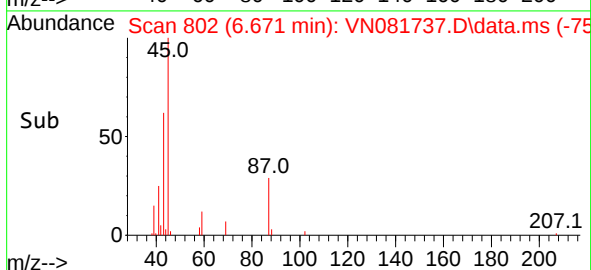
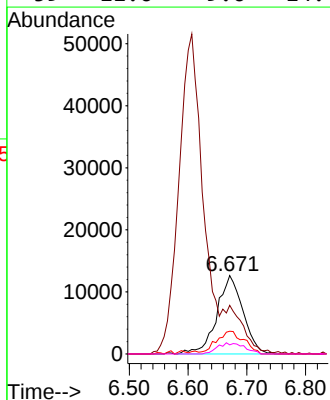
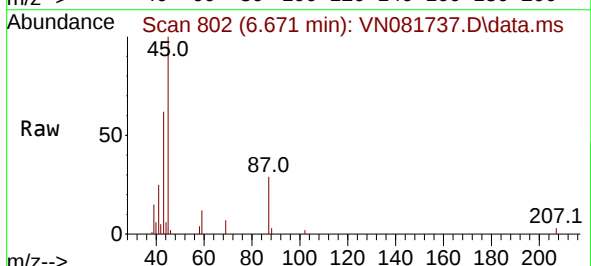
Manual Integrations
APPROVED

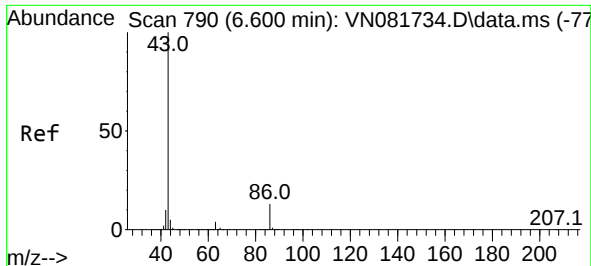
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#22
Diisopropyl ether
Concen: 4.998 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

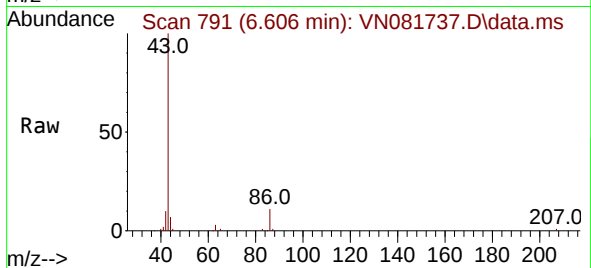
Tgt Ion: 45 Resp: 39026
Ion Ratio Lower Upper
45 100
43 58.9 44.1 66.1
87 28.9 27.0 40.6
59 11.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 24.556 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081737.D
 Acq: 15 Apr 2024 13:47

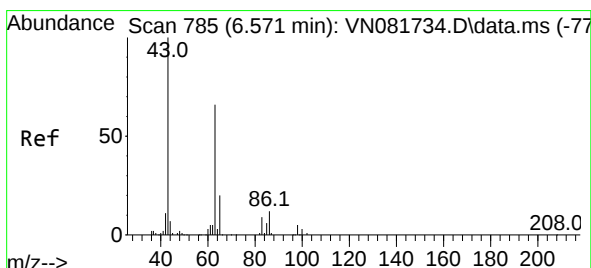
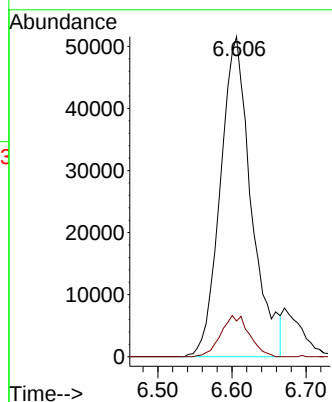
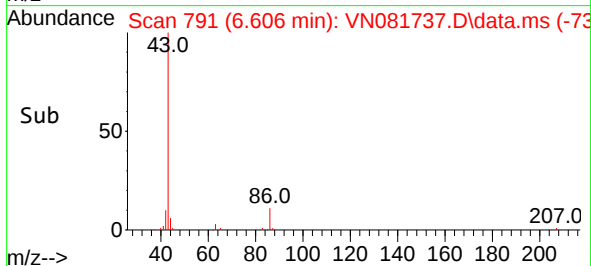
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



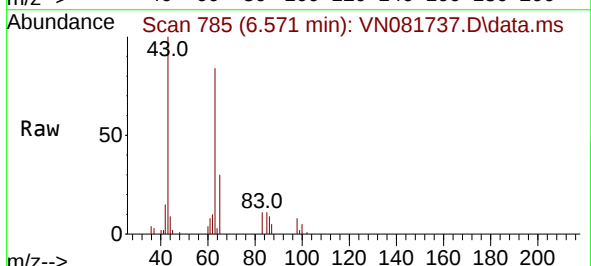
Tgt Ion: 43 Resp: 149678
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.2 15.4

Manual Integrations
 APPROVED

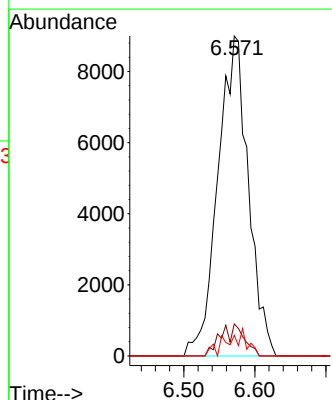
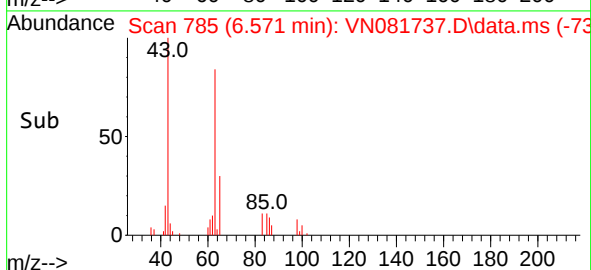
Reviewed By :John Carlone 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/16/2024

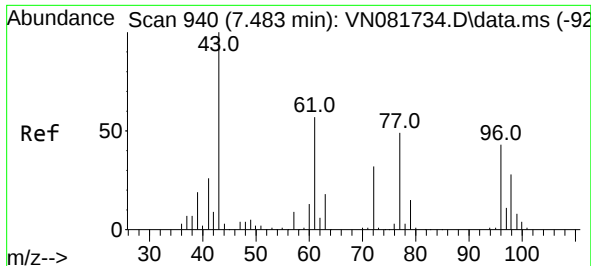


#24
 1,1-Dichloroethane
 Concen: 5.204 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081737.D
 Acq: 15 Apr 2024 13:47



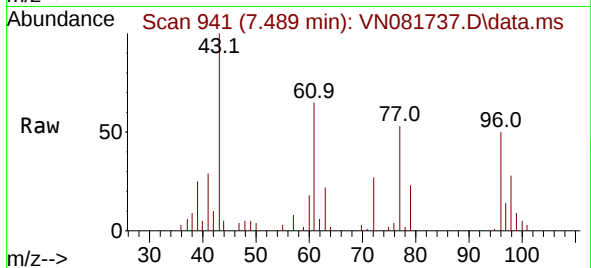
Tgt Ion: 63 Resp: 26736
 Ion Ratio Lower Upper
 63 100
 98 10.0 3.6 10.9
 100 6.5 2.6 7.8





#25
2-Butanone
Concen: 24.634 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

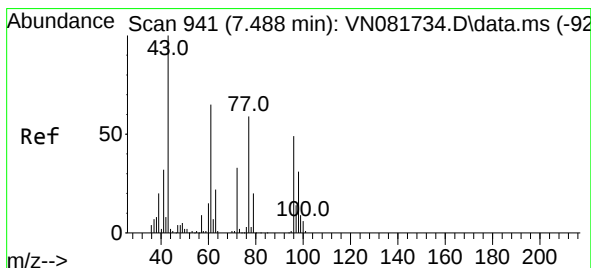
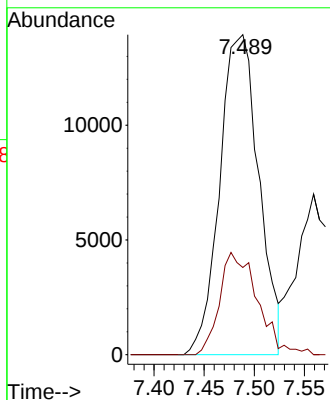
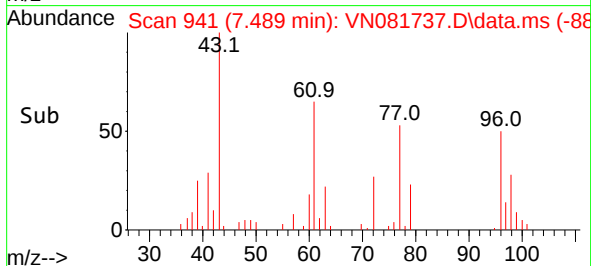
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 37850
Ion Ratio Lower Upper
43 100
72 27.3 25.3 37.9

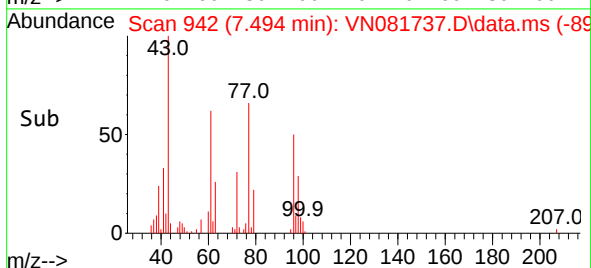
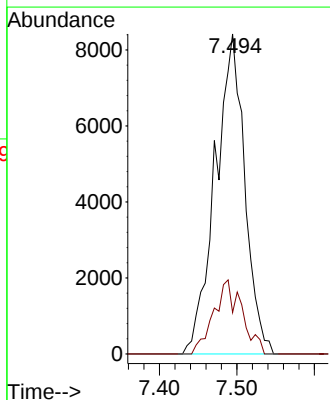
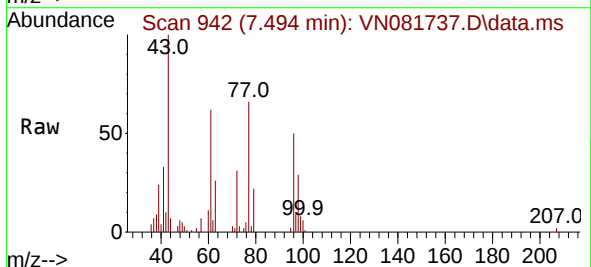
Manual Integrations
APPROVED

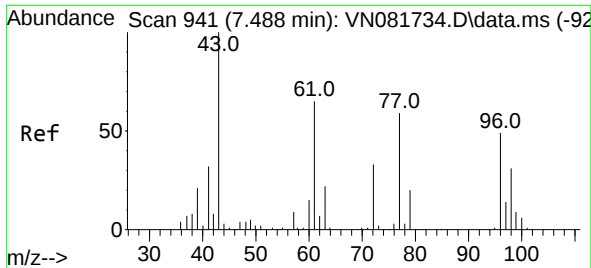
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#26
2,2-Dichloropropane
Concen: 4.986 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

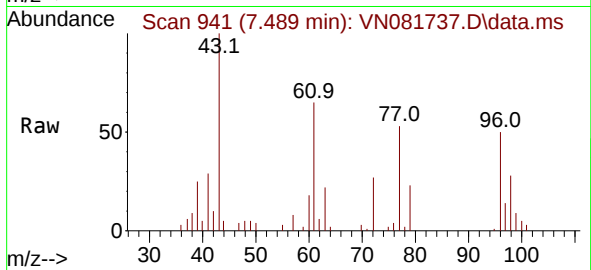
Tgt Ion: 77 Resp: 22333
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 5.061 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

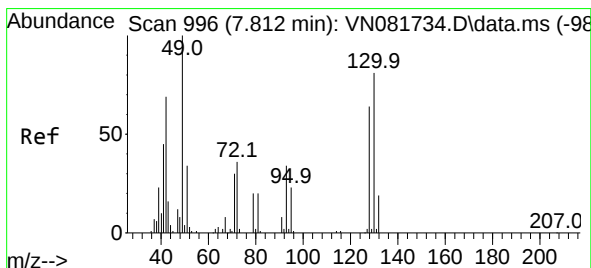
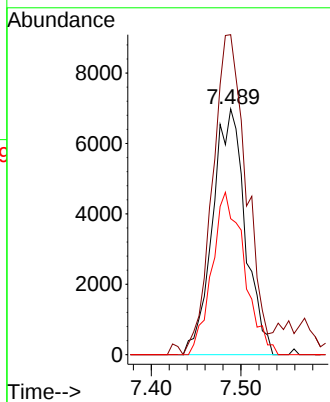
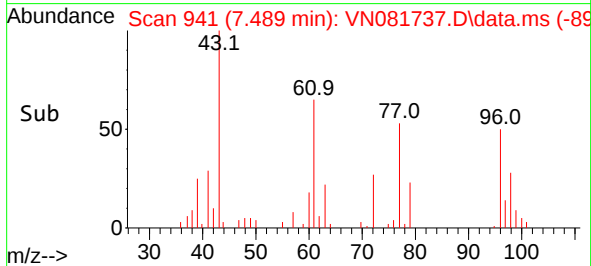
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 1758
Ion Ratio Lower Upper
96 100
61 136.0 0.0 268.0
98 65.5 0.0 126.8

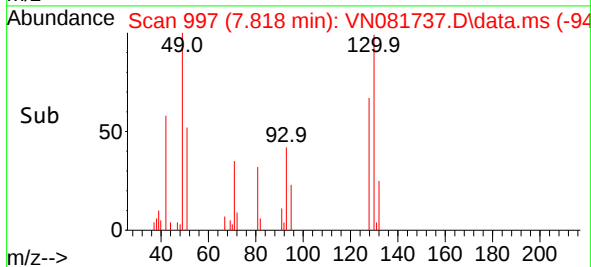
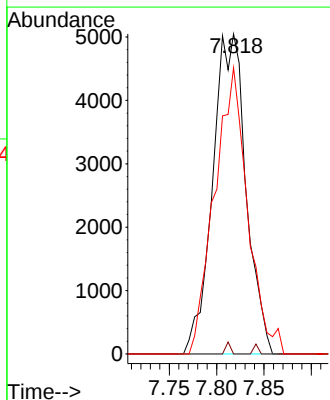
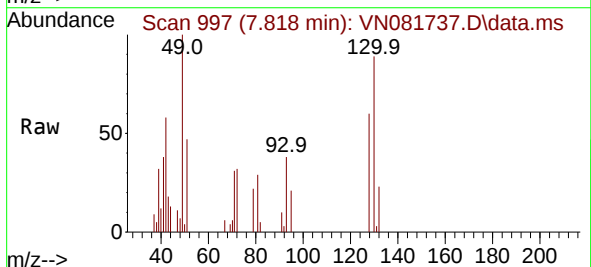
Manual Integrations
APPROVED

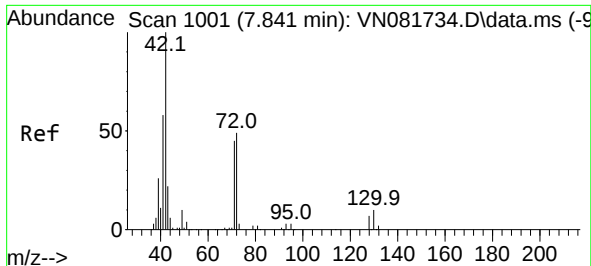
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#28
Bromochloromethane
Concen: 5.636 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion: 49 Resp: 12362
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.6
130 88.6 66.7 100.1





#29

Tetrahydrofuran

Concen: 24.851 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

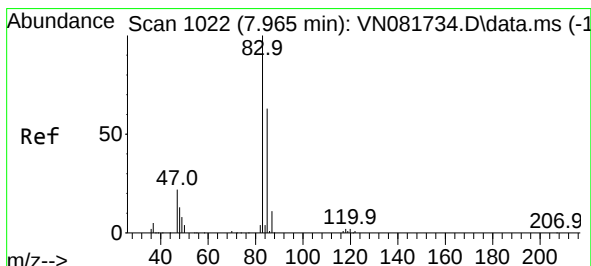
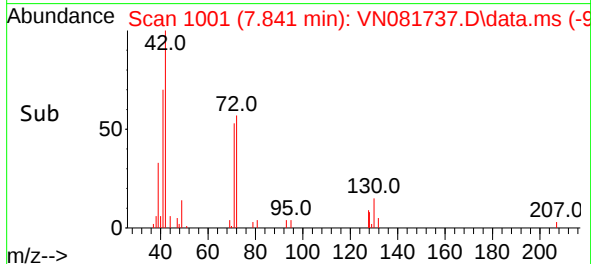
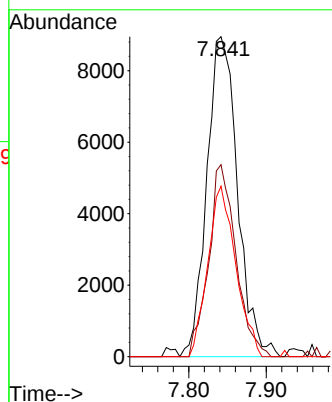
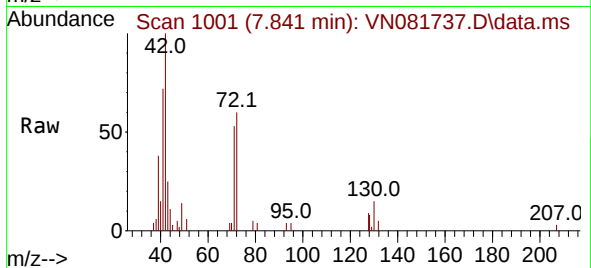
Tgt Ion:	42	Resp:	24704
Ion Ratio	Lower	Upper	
42	100		
72	53.2	39.3	58.9
71	48.5	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#30

Chloroform

Concen: 5.266 ug/l

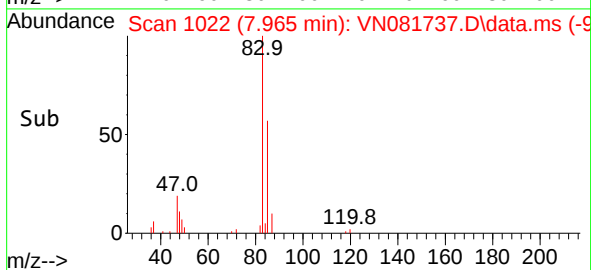
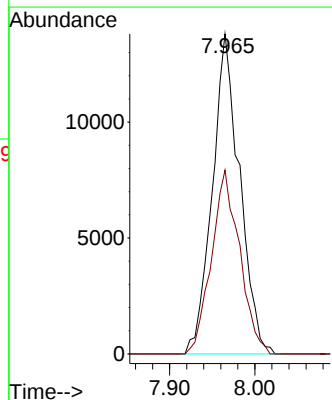
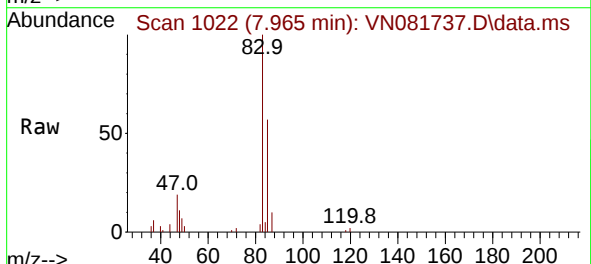
RT: 7.965 min Scan# 1022

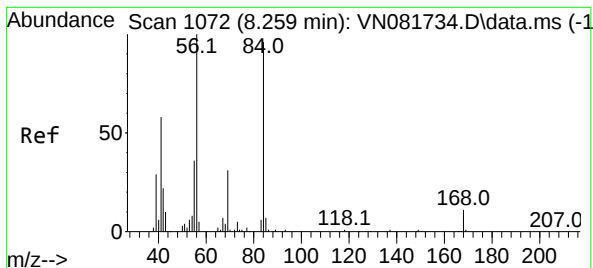
Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Tgt Ion:	83	Resp:	30682
Ion Ratio	Lower	Upper	
83	100		
85	57.5	50.7	76.1





#31

Cyclohexane

Concen: 5.900 ug/l

RT: 8.265 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 2710

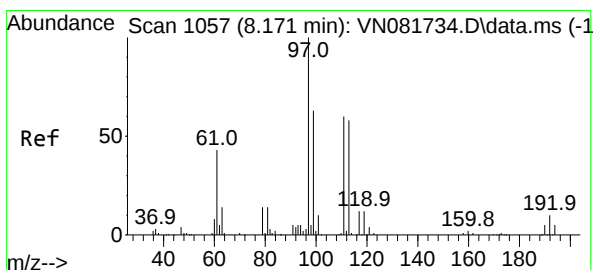
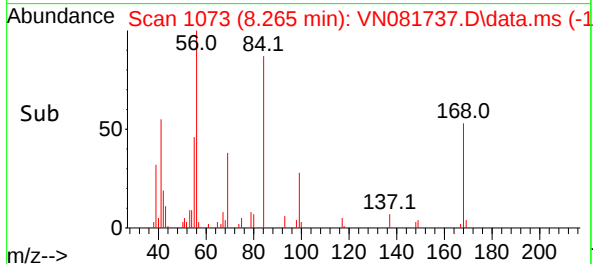
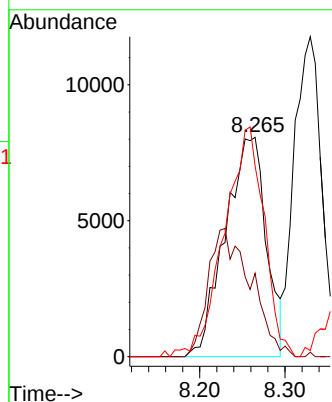
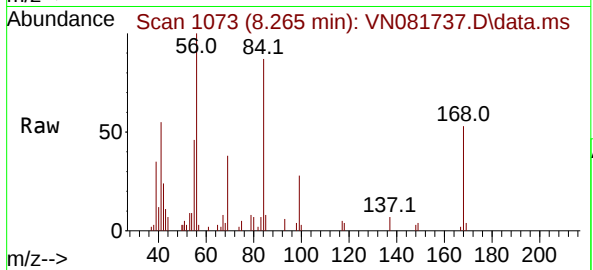
Ion	Ratio	Lower	Upper
56	100		
69	38.0	24.4	36.6
84	84.0	77.0	115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#32

1,1,1-Trichloroethane

Concen: 5.125 ug/l

RT: 8.171 min Scan# 1057

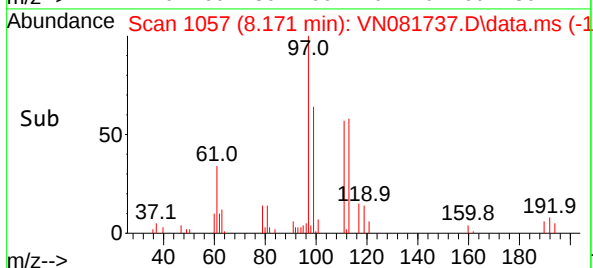
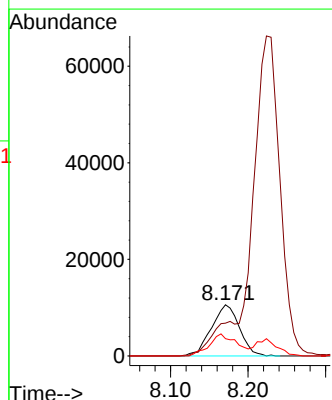
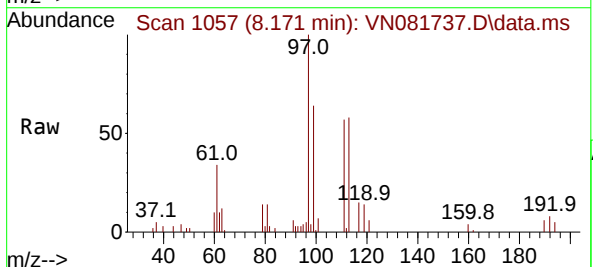
Delta R.T. -0.000 min

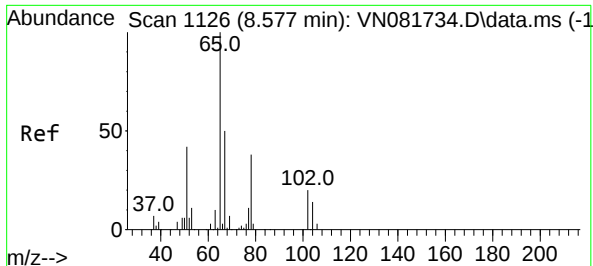
Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Tgt Ion: 97 Resp: 26475

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.3	75.5
61	42.1	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 5.540 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 18554

Ion Ratio Lower Upper

65 100

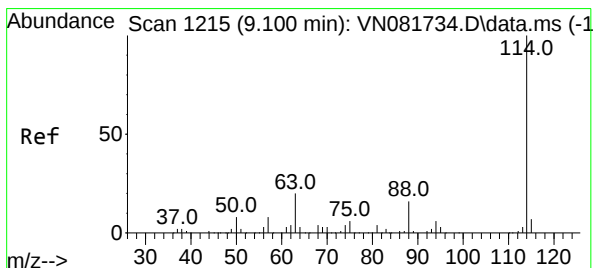
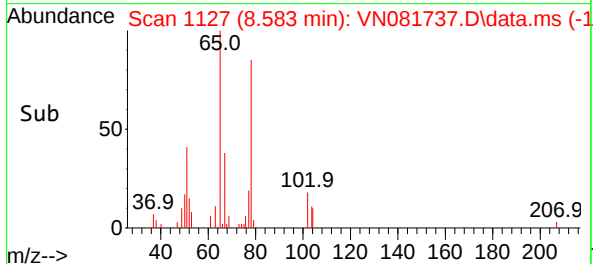
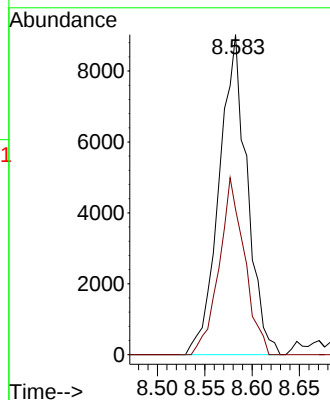
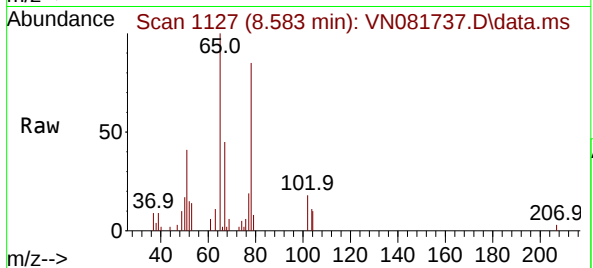
67 50.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

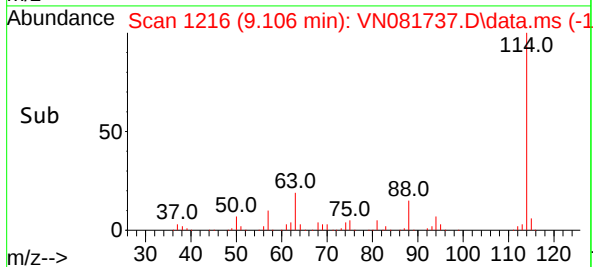
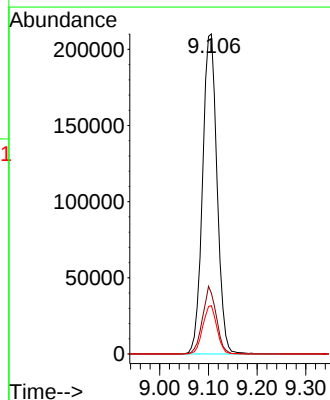
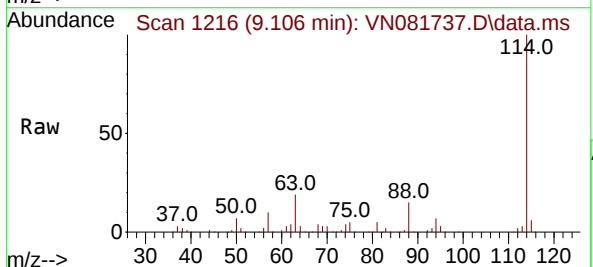
Tgt Ion:114 Resp: 433044

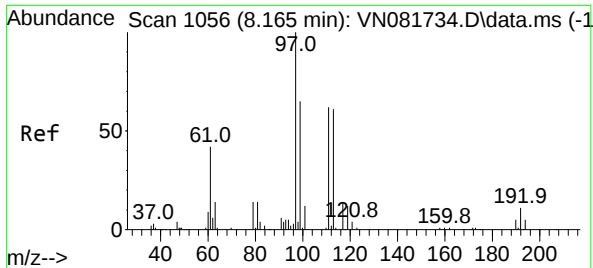
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.0

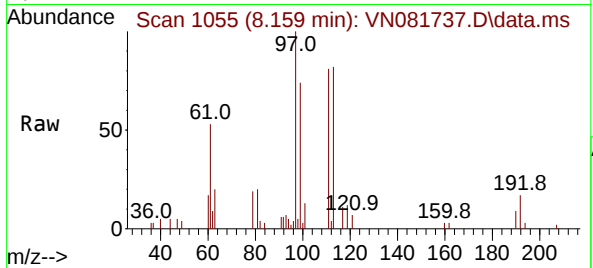
88 15.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 5.313 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

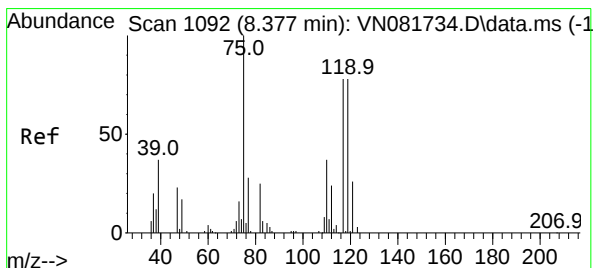
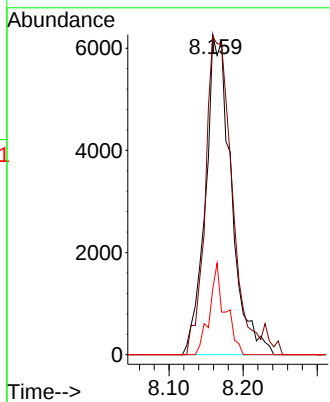
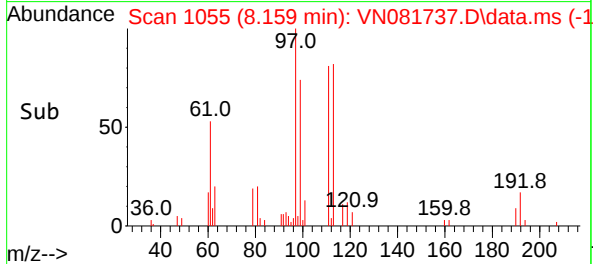
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



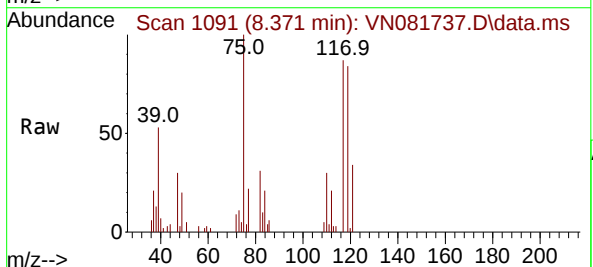
Tgt Ion: 113 Resp: 15194
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.2
192 17.3 14.0 21.0

Manual Integrations
APPROVED

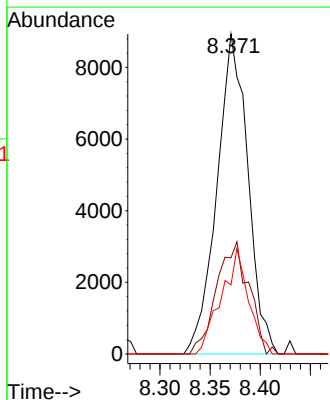
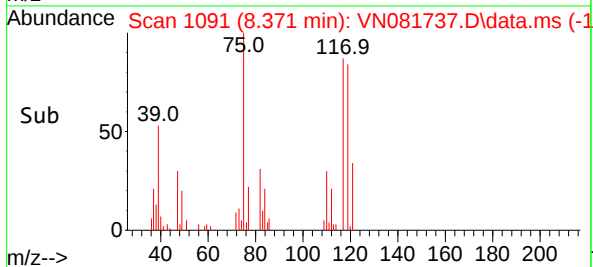
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

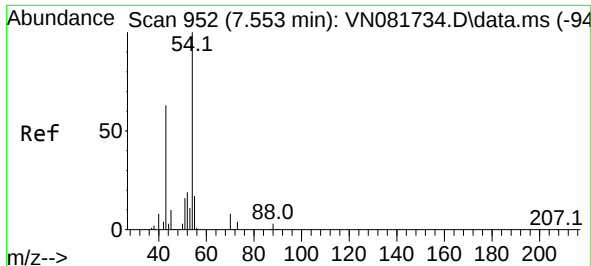


#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



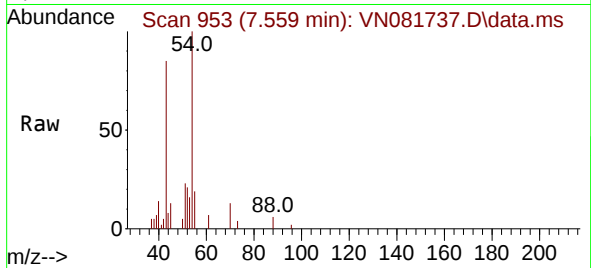
Tgt Ion: 75 Resp: 19192
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 29.0 25.0 37.4





#37
Ethyl Acetate
Concen: 4.848 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

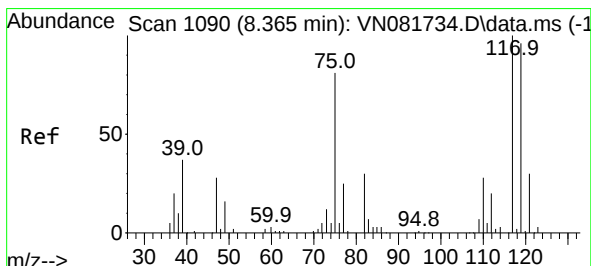
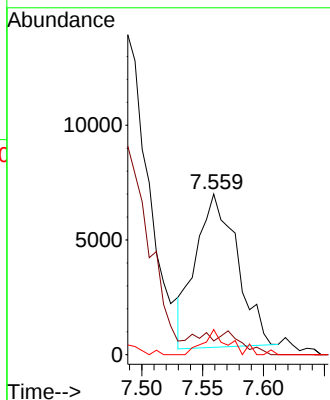
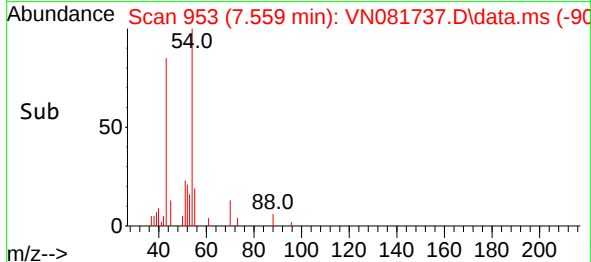
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9
70 9.9 8.7 13.1

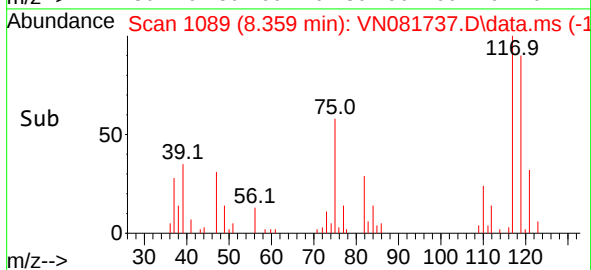
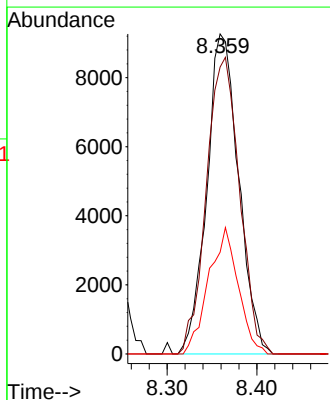
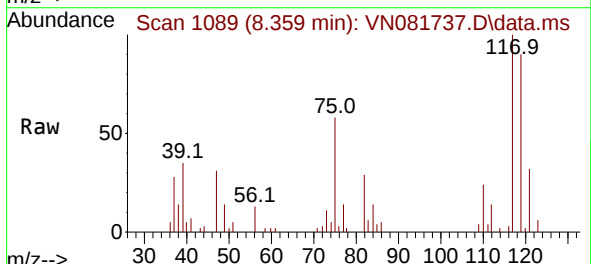
Manual Integrations
APPROVED

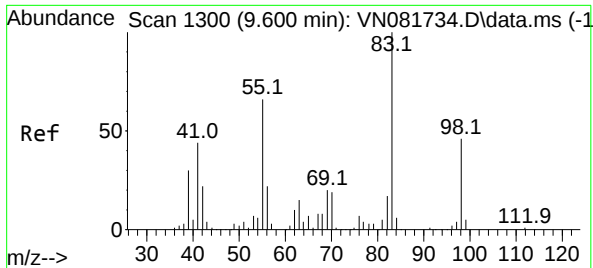
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#38
Carbon Tetrachloride
Concen: 4.925 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion:117 Resp: 22827
Ion Ratio Lower Upper
117 100
119 89.6 76.5 114.7
121 31.8 23.9 35.9





#39
Methylcyclohexane
Concen: 4.691 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

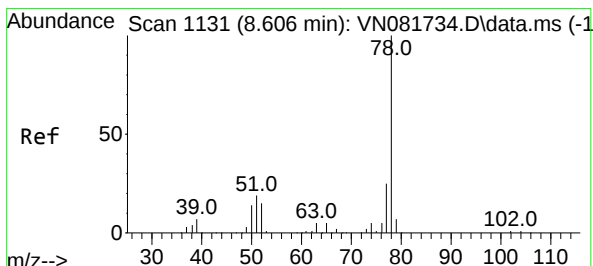
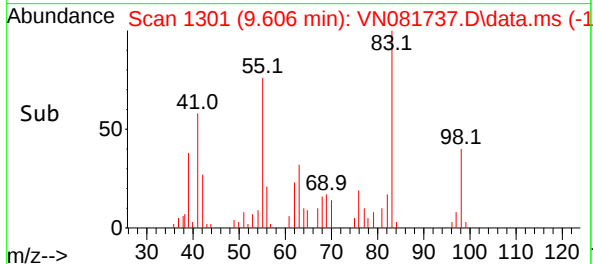
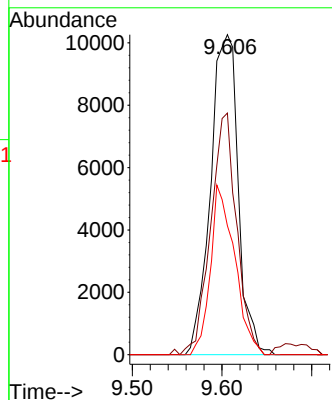
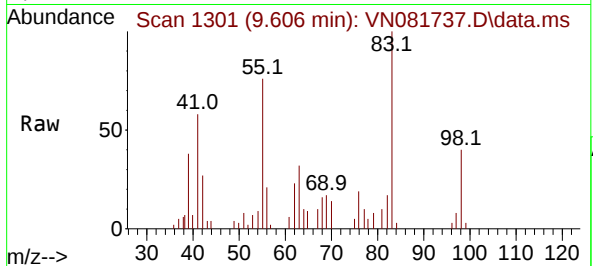
Tgt Ion: 83 Resp: 22018
Ion Ratio Lower Upper
83 100
55 75.5 53.0 79.6
98 40.3 37.1 55.7

Manual Integrations

APPROVED

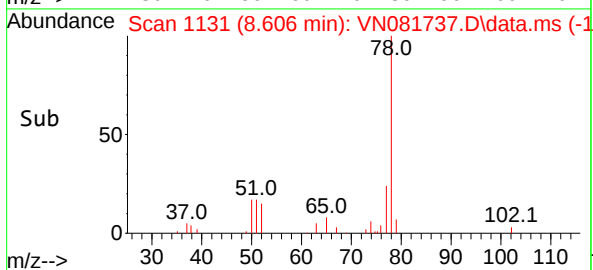
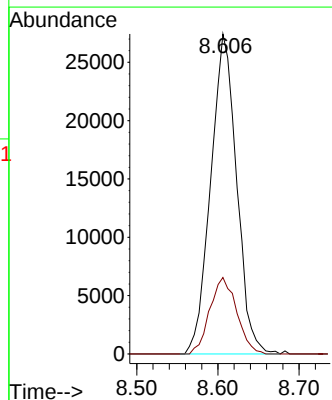
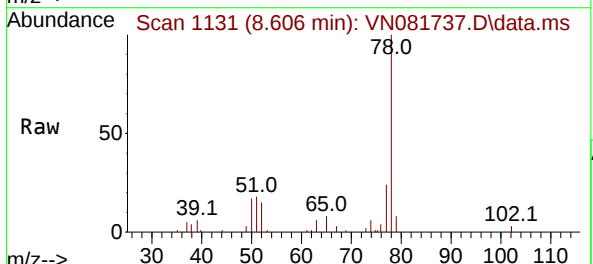
Reviewed By :John Carlone 04/15/2024

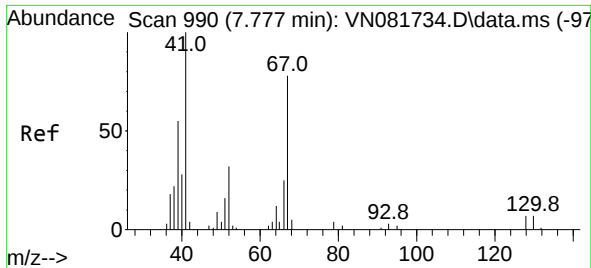
Supervised By :Semsettin Yesilyurt 04/16/2024



#40
Benzene
Concen: 4.909 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion: 78 Resp: 60930
Ion Ratio Lower Upper
78 100
77 23.9 20.0 30.0





#41
Methacrylonitrile
Concen: 4.861 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

Client Sample Id :

VSTDIC005

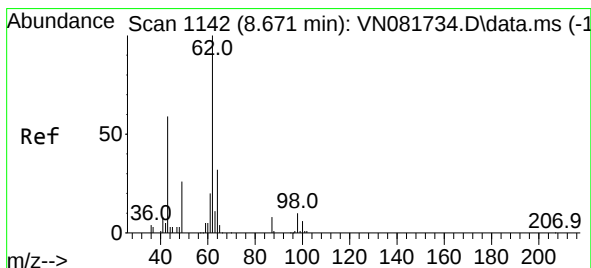
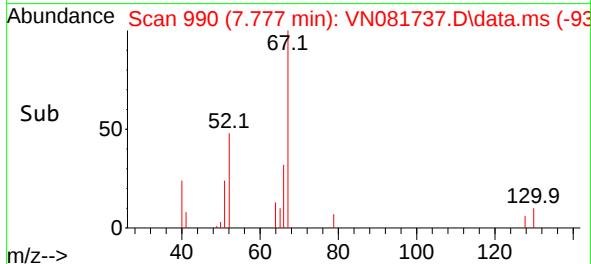
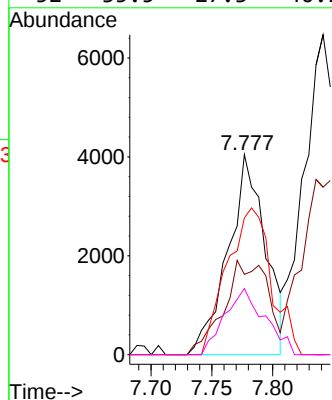
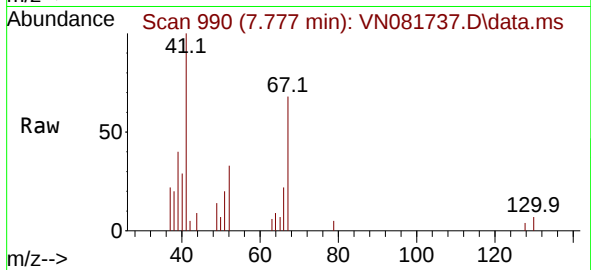
Tgt Ion: 41	Resp: 8639
Ion Ratio	Lower Upper
41 100	
39 55.4	46.6 69.8
67 87.1	67.3 100.9
52 35.5	27.3 40.9

Manual Integrations

APPROVED

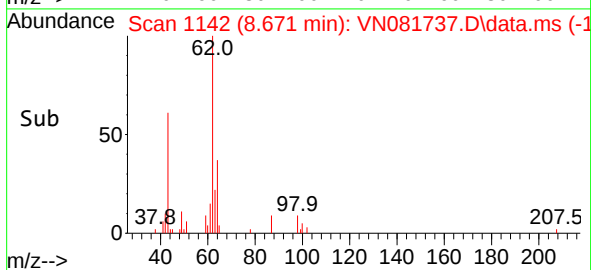
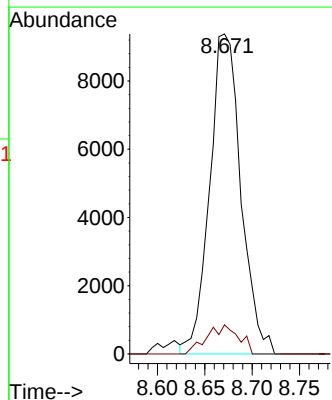
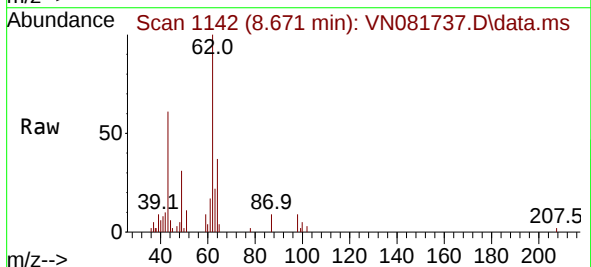
Reviewed By :John Carlone 04/15/2024

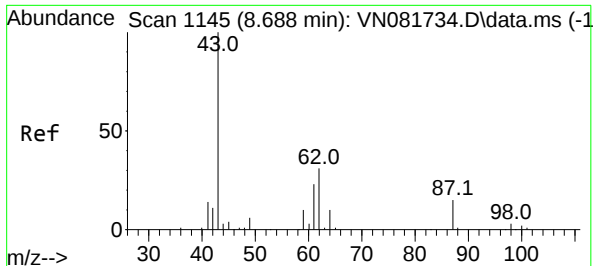
Supervised By :Semsettin Yesilyurt 04/16/2024



#42
1,2-Dichloroethane
Concen: 4.981 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion: 62	Resp: 21551
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 19.6





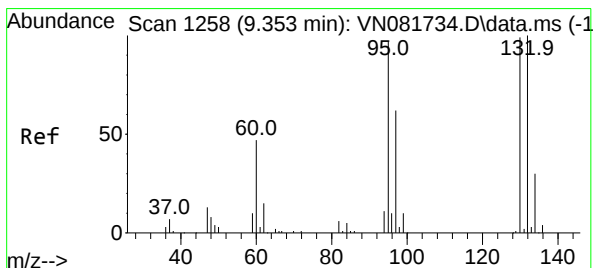
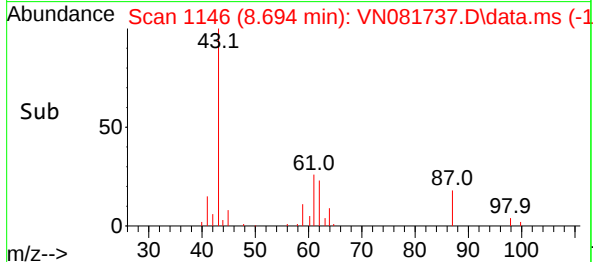
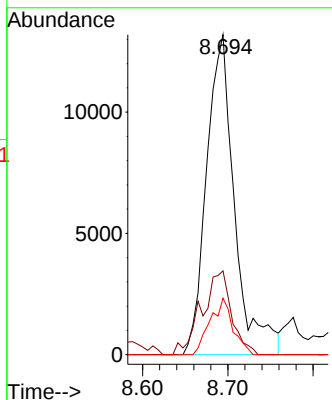
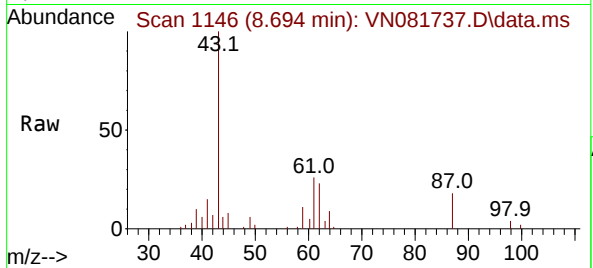
#43
Isopropyl Acetate
Concen: 4.947 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 30210
Ion Ratio Lower Upper
43 100
61 27.7 22.8 34.2
87 14.3 12.0 18.0

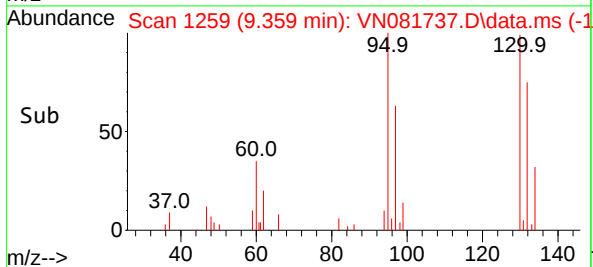
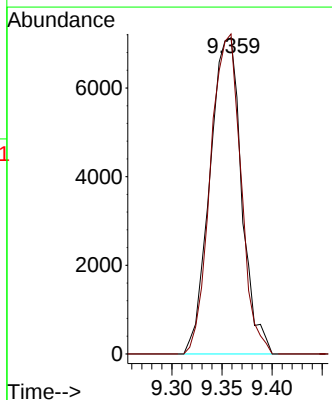
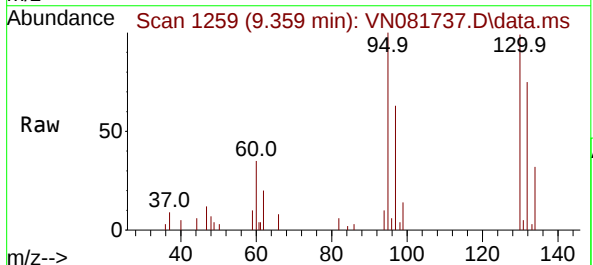
Manual Integrations
APPROVED

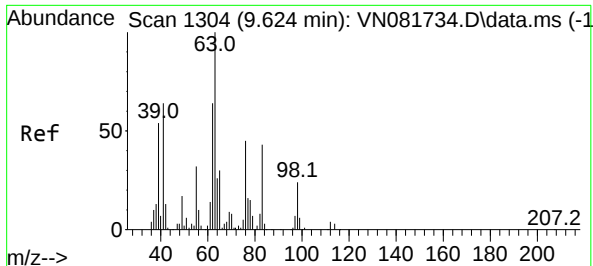
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#44
Trichloroethene
Concen: 4.864 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion:130 Resp: 15698
Ion Ratio Lower Upper
130 100
95 101.2 0.0 195.4





#45

1,2-Dichloropropane

Concen: 4.505 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1289

Ion Ratio Lower Upper

63 100

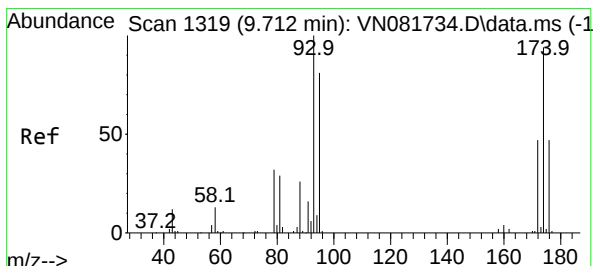
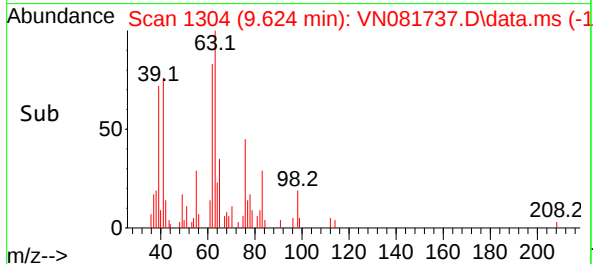
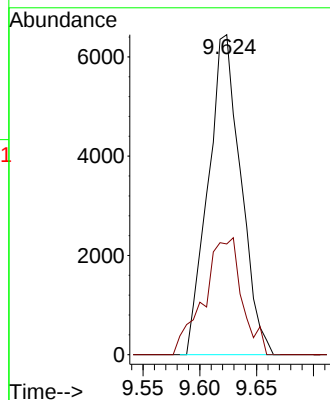
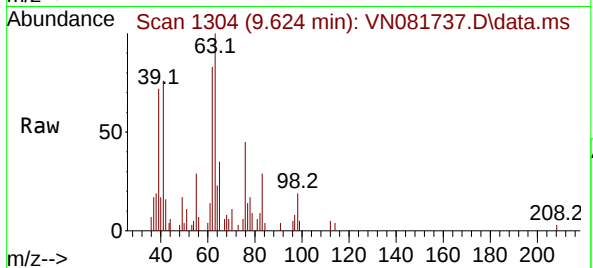
65 34.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#46

Dibromomethane

Concen: 4.844 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

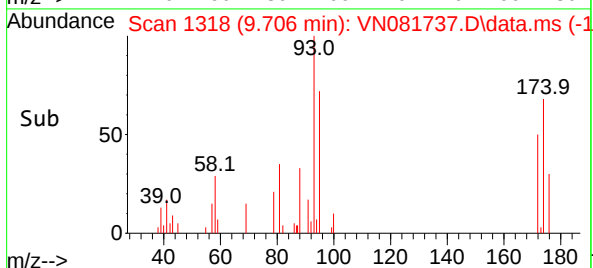
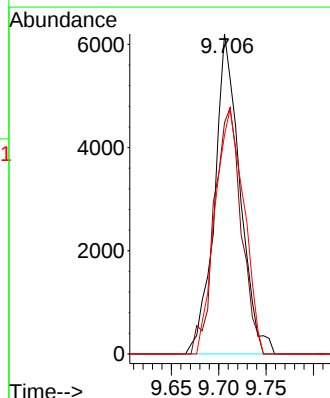
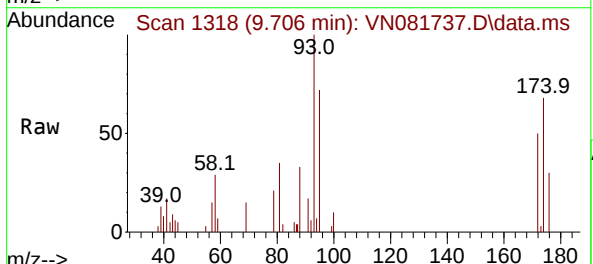
Tgt Ion: 93 Resp: 11569

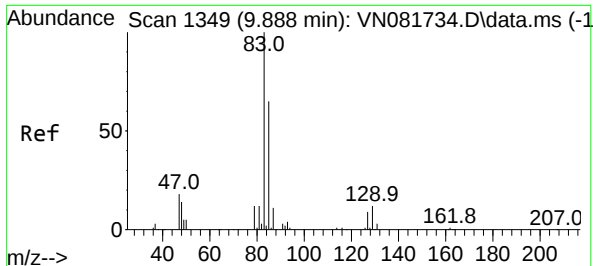
Ion Ratio Lower Upper

93 100

95 81.5 64.8 97.2

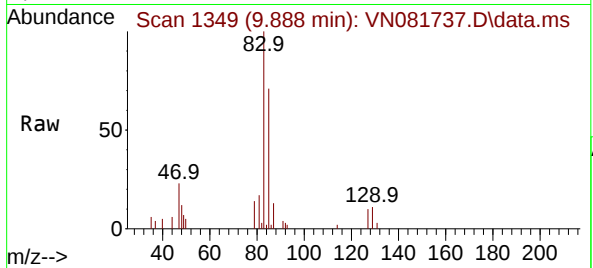
174 87.0 73.4 110.0





#47
Bromodichloromethane
Concen: 4.819 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

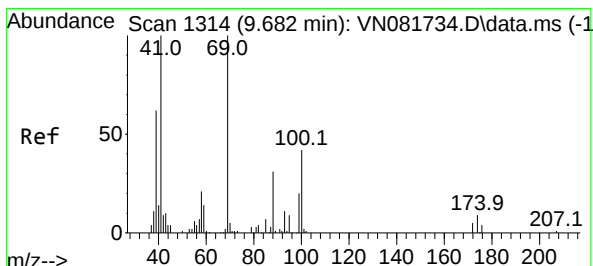
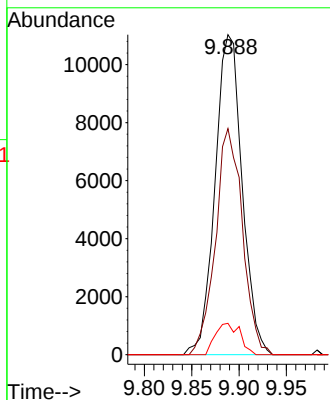
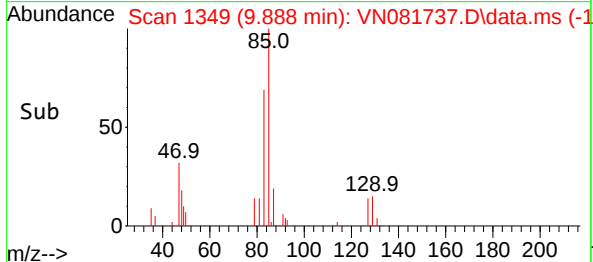
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



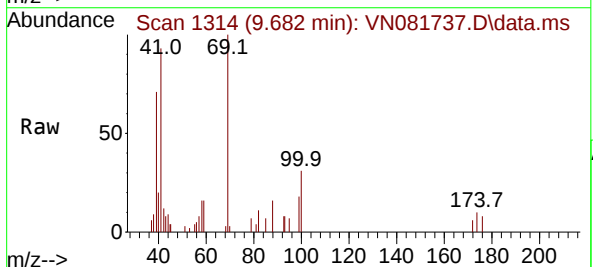
Tgt Ion: 83 Resp: 2198
Ion Ratio Lower Upper
83 100
85 70.6 51.9 77.9
127 9.8 7.5 11.3

Manual Integrations
APPROVED

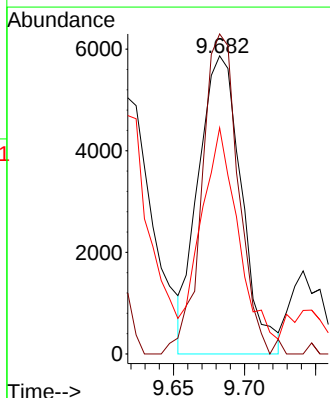
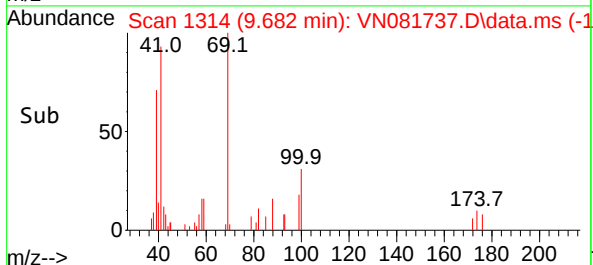
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

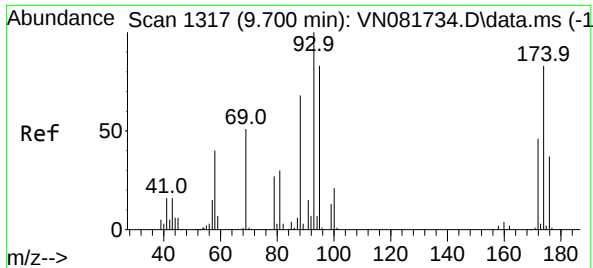


#48
Methyl methacrylate
Concen: 4.990 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



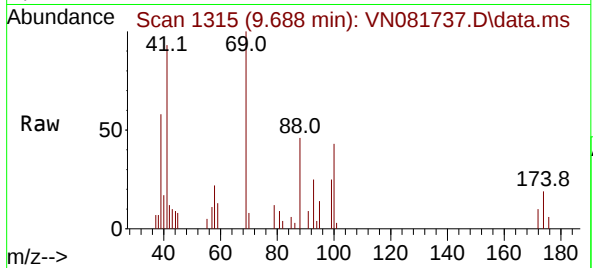
Tgt Ion: 41 Resp: 12421
Ion Ratio Lower Upper
41 100
69 91.4 77.9 116.9
39 68.2 50.9 76.3





#49
1,4-Dioxane
Concen: 89.132 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.012 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

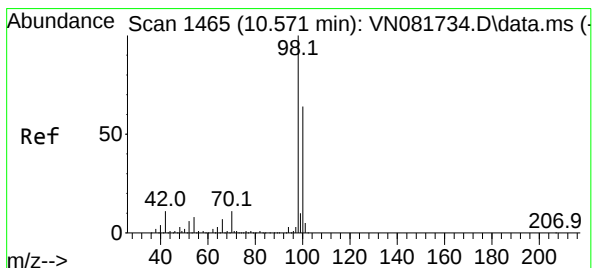
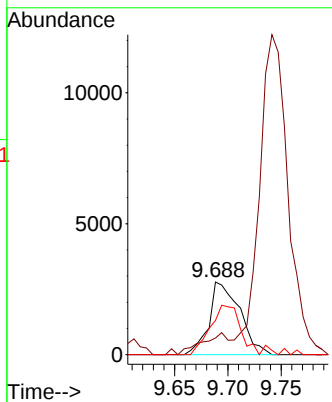
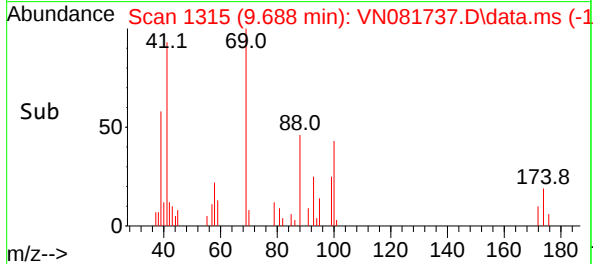
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 556
Ion Ratio Lower Upper
88 100
43 26.5 19.0 28.6
58 66.1 50.6 76.0

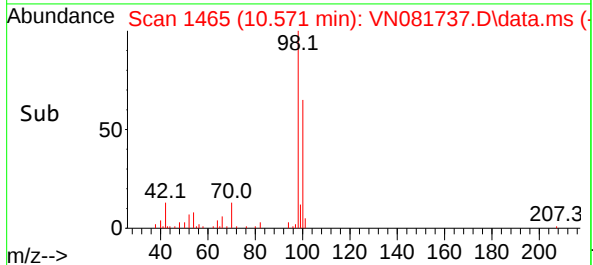
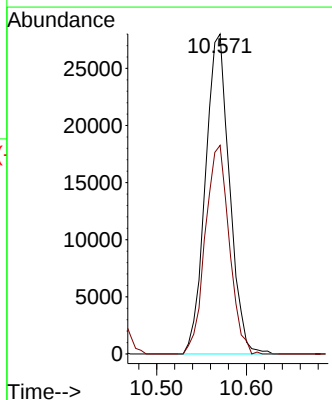
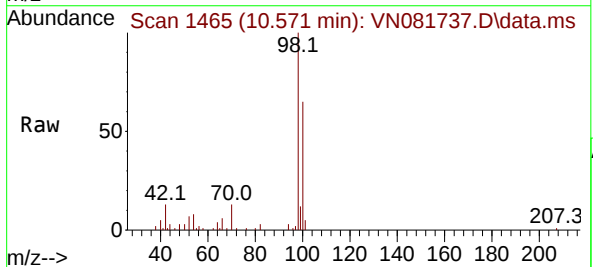
Manual Integrations
APPROVED

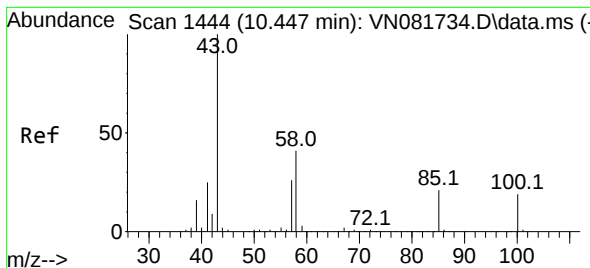
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#50
Toluene-d8
Concen: 4.950 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion: 98 Resp: 52151
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





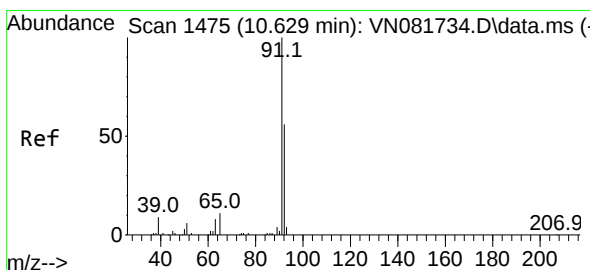
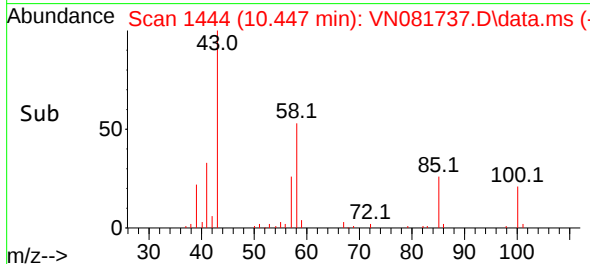
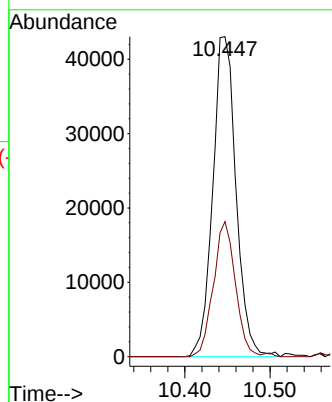
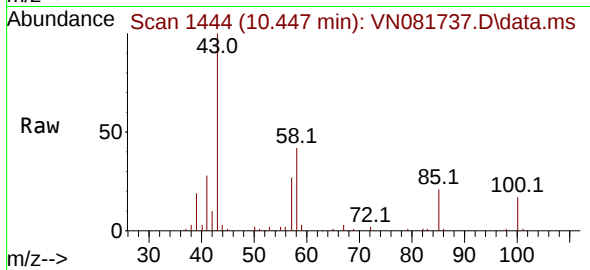
#51
4-Methyl-2-Pentanone
Concen: 24.069 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 81760
Ion Ratio Lower Upper
43 100
58 39.8 33.2 49.8

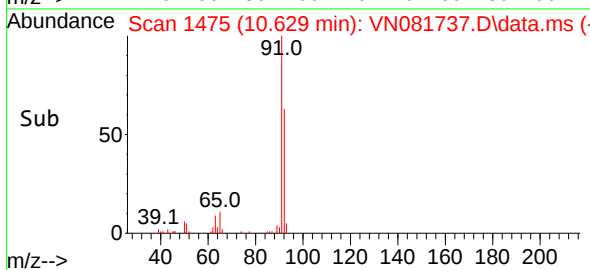
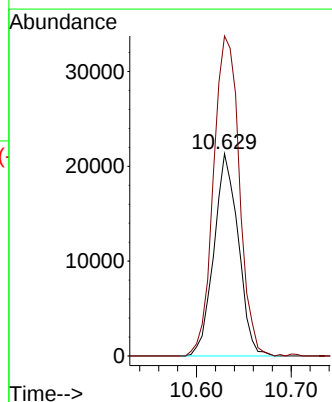
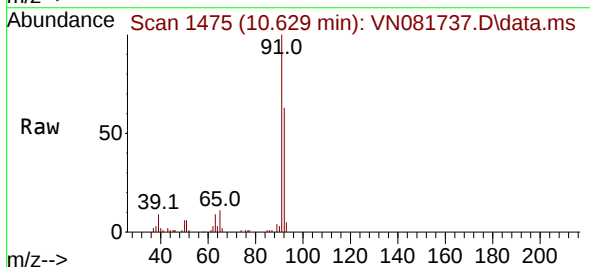
Manual Integrations
APPROVED

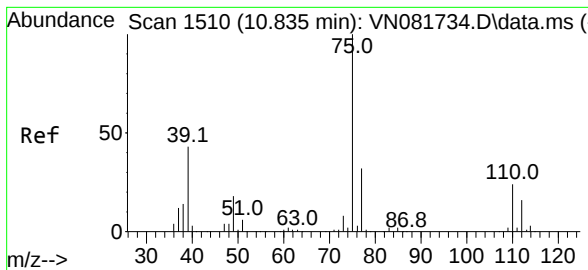
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#52
Toluene
Concen: 4.825 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

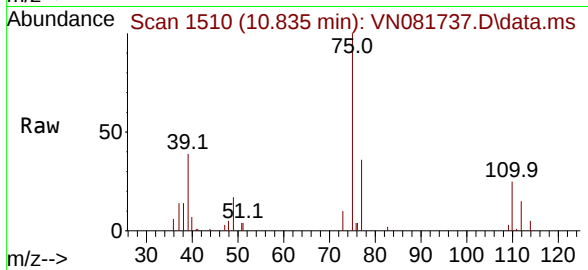
Tgt Ion: 92 Resp: 38040
Ion Ratio Lower Upper
92 100
91 168.1 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 4.503 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

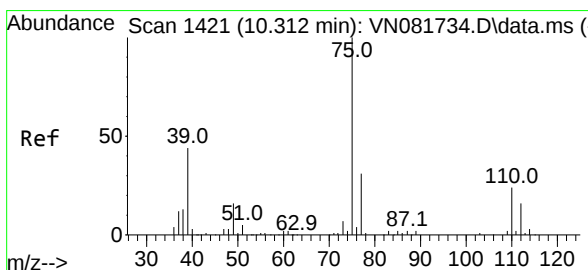
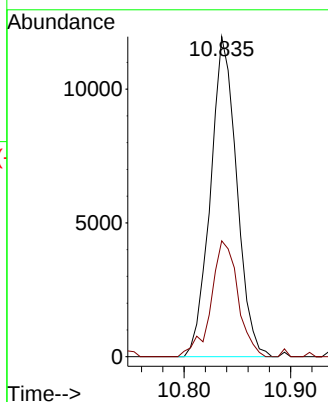
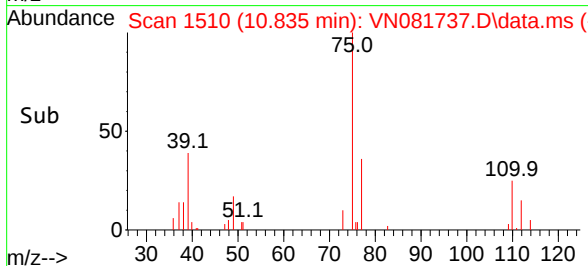
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 20462
Ion Ratio Lower Upper
75 100
77 36.2 25.4 38.0

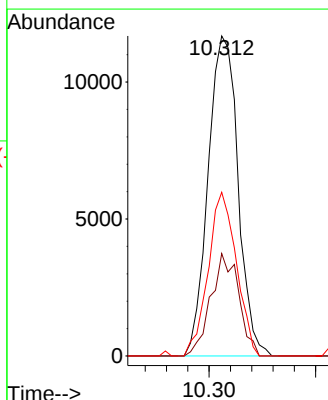
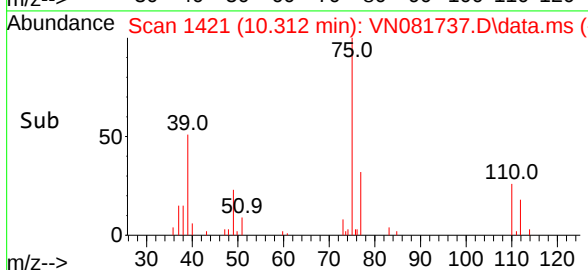
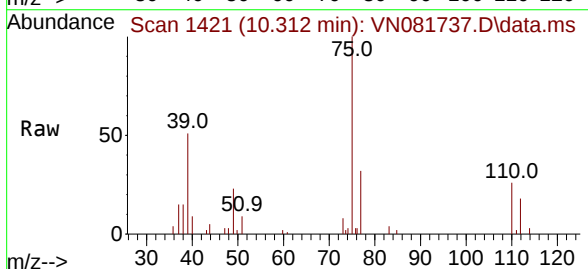
Manual Integrations
APPROVED

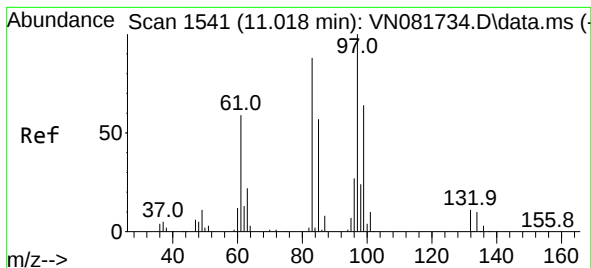
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#54
cis-1,3-Dichloropropene
Concen: 4.705 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

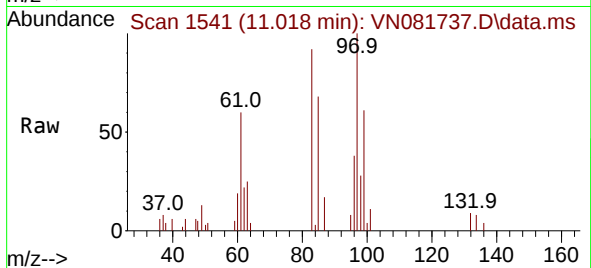
Tgt Ion: 75 Resp: 22779
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 51.2 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 5.007 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

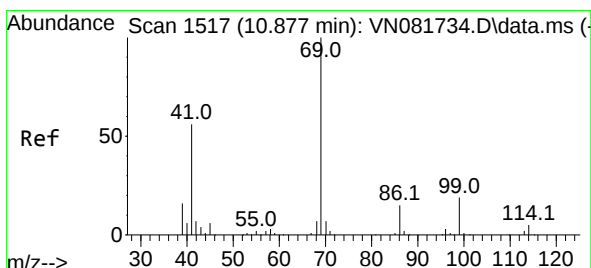
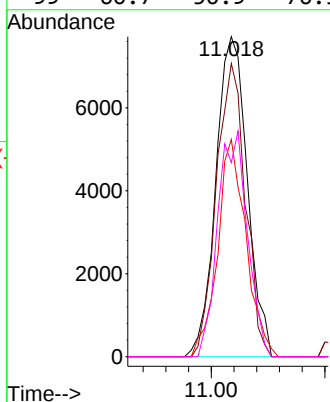
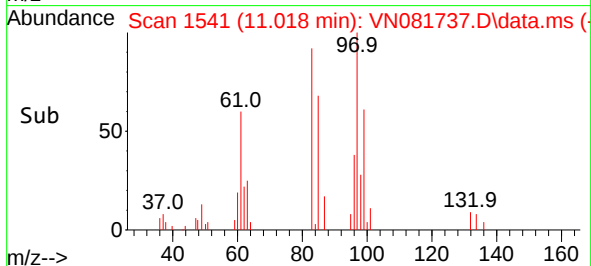
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	1482
Ion	Ratio	Lower	Upper
97	100		
83	91.6	70.4	105.6
85	67.9	45.6	68.4
99	60.7	50.9	76.3

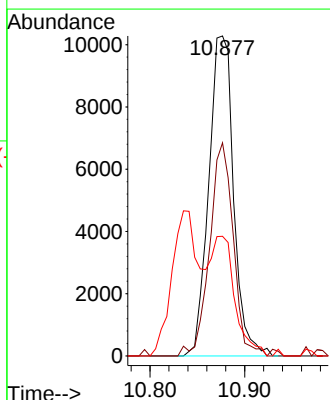
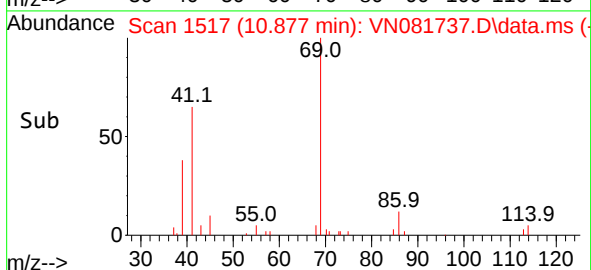
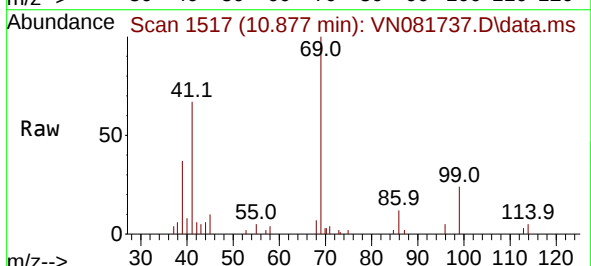
Manual Integrations
APPROVED

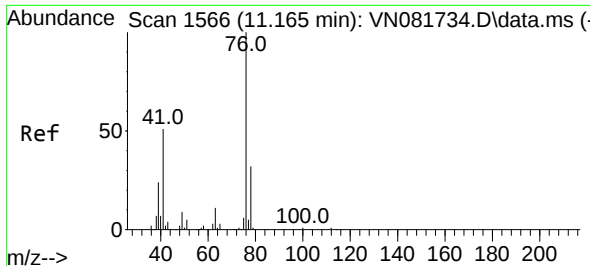
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#56
Ethyl methacrylate
Concen: 4.600 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

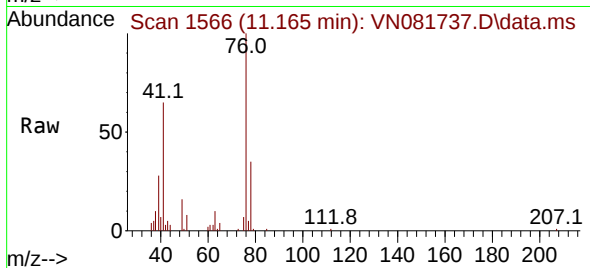
Tgt Ion:	69	Resp:	18745
Ion	Ratio	Lower	Upper
69	100		
41	63.3	46.6	70.0
39	36.1	26.5	39.7





#57
1,3-Dichloropropane
Concen: 4.872 ug/l
RT: 11.165 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

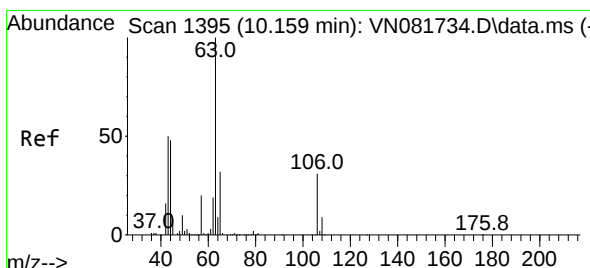
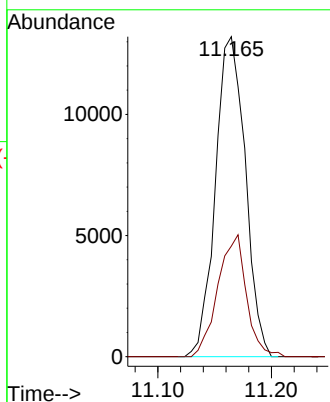
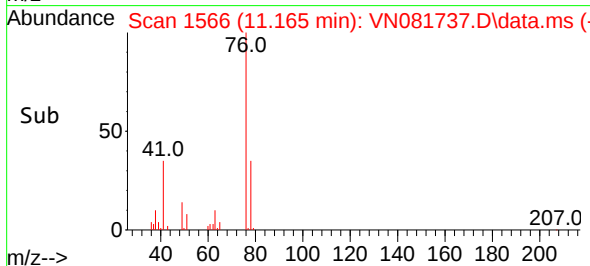
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 24152
Ion Ratio Lower Upper
76 100
78 36.4 25.8 38.6

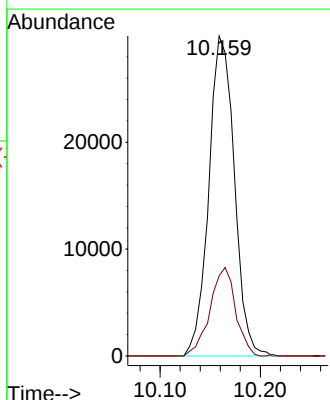
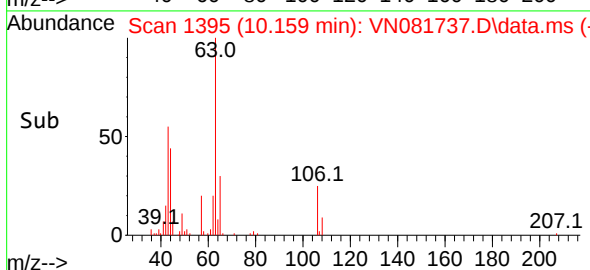
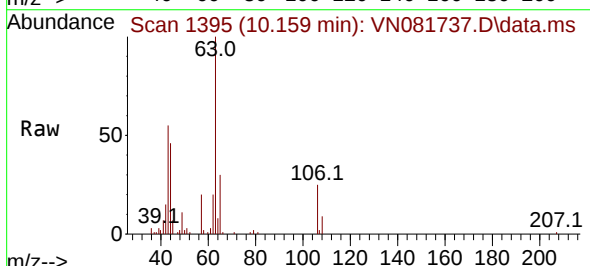
Manual Integrations
APPROVED

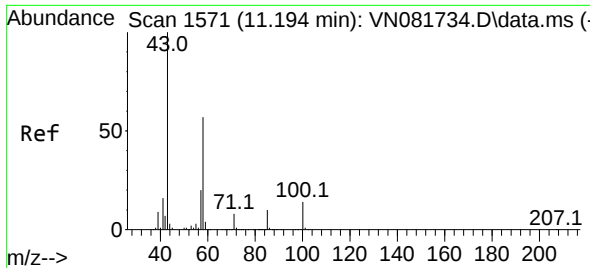
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 24.594 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion: 63 Resp: 53024
Ion Ratio Lower Upper
63 100
106 27.7 24.6 36.8





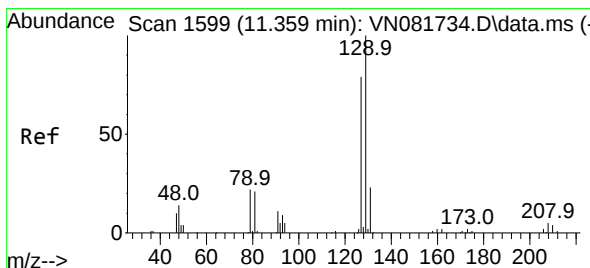
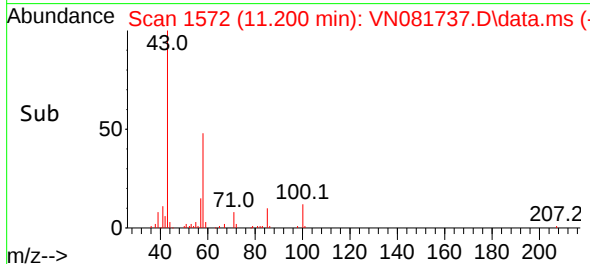
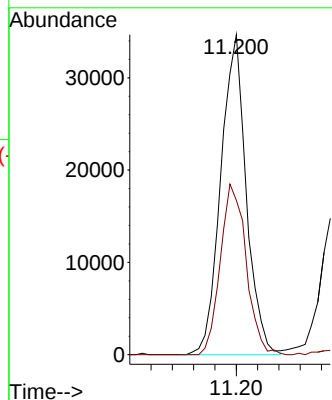
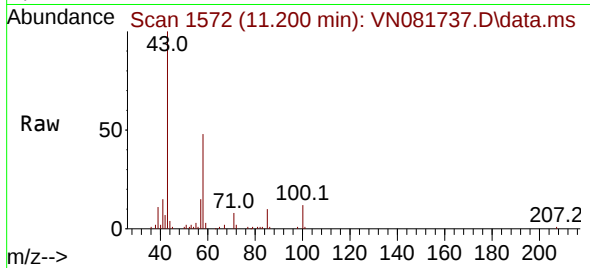
#59
2-Hexanone
Concen: 23.391 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 5752
Ion Ratio Lower Upper
43 100
58 54.0 28.3 84.9

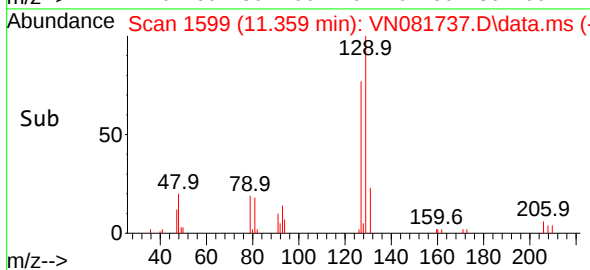
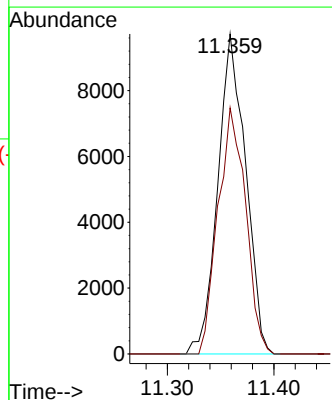
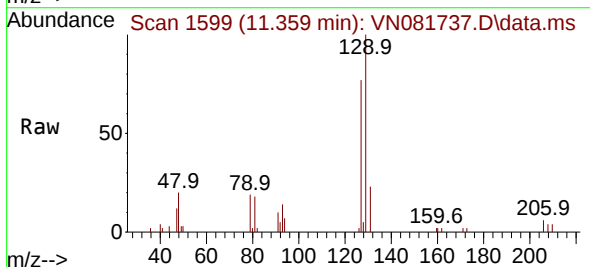
Manual Integrations
APPROVED

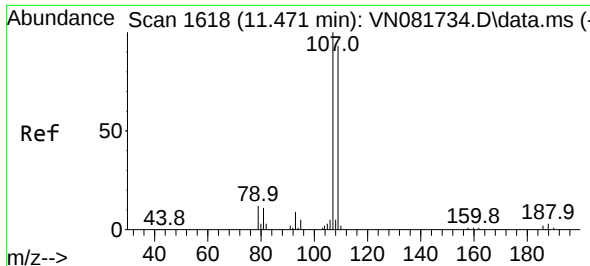
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#60
Dibromochloromethane
Concen: 4.921 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

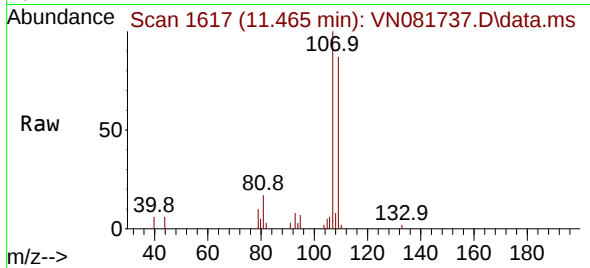
Tgt Ion:129 Resp: 17615
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8





#61
1,2-Dibromoethane
Concen: 4.785 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

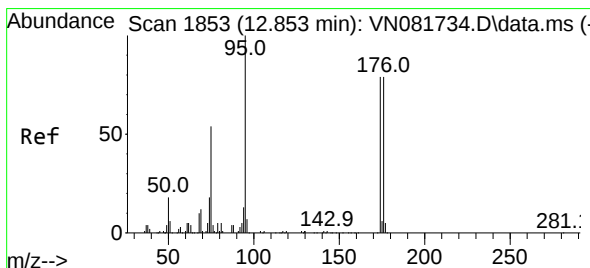
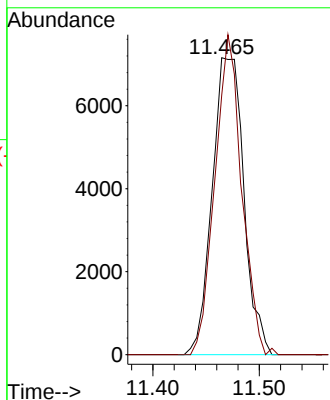
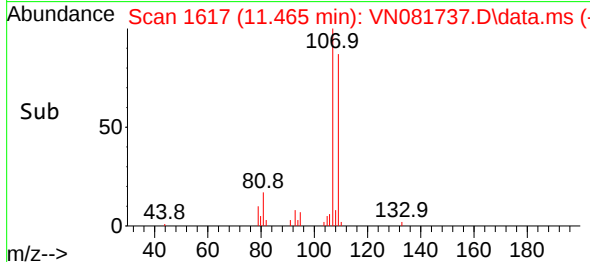
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 14780
Ion Ratio Lower Upper
107 100
109 91.1 75.8 113.6

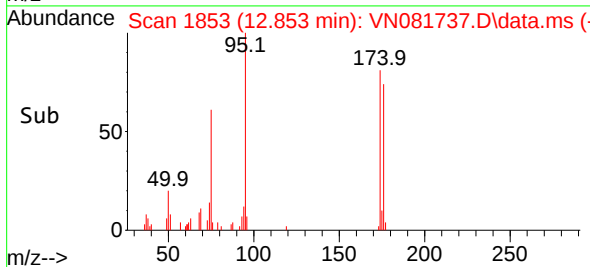
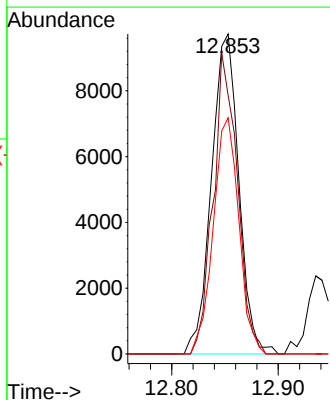
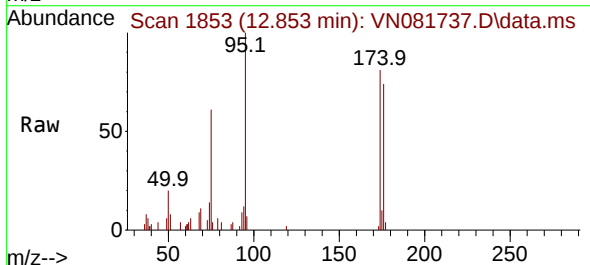
Manual Integrations
APPROVED

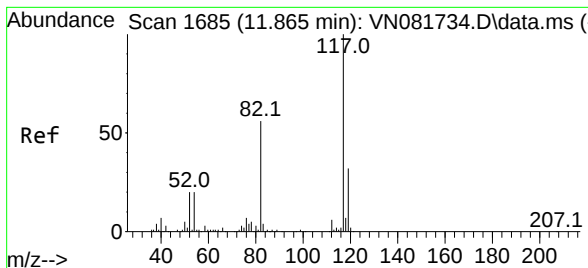
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#62
4-Bromofluorobenzene
Concen: 4.807 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion: 95 Resp: 17304
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.6
176 69.3 0.0 152.8





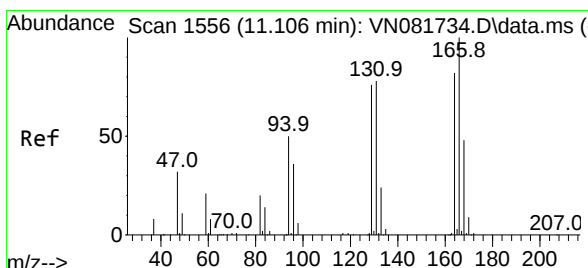
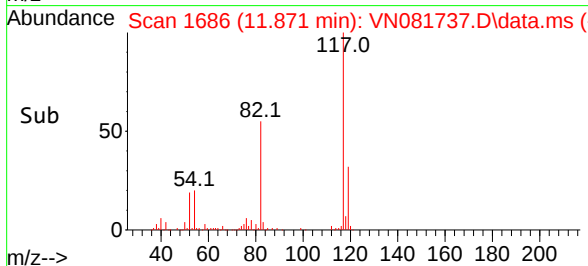
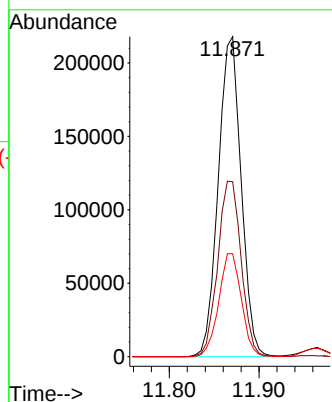
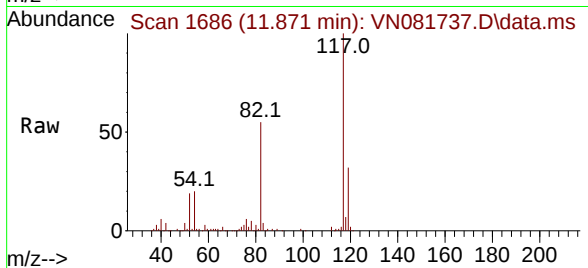
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 38616
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 32.1 25.9 38.9

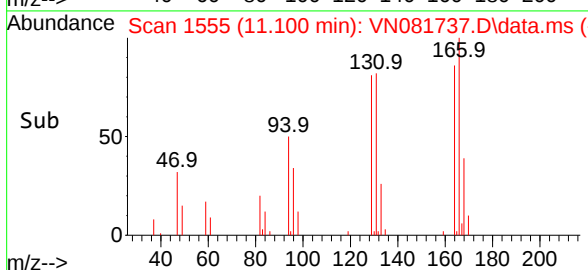
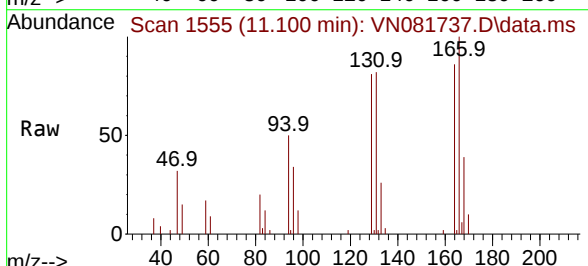
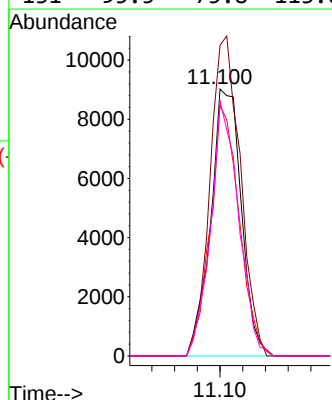
Manual Integrations
APPROVED

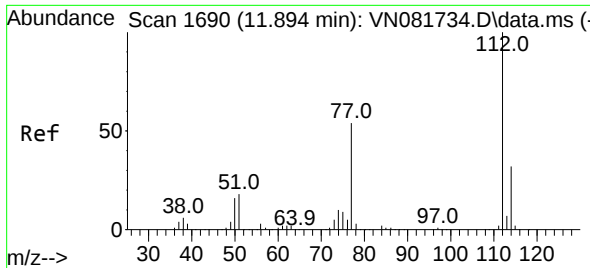
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#64
Tetrachloroethene
Concen: 5.158 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

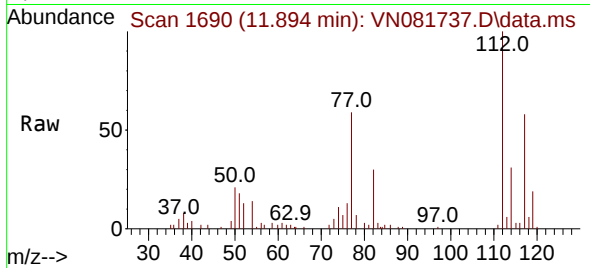
Tgt Ion:164 Resp: 16901
Ion Ratio Lower Upper
164 100
166 116.4 97.6 146.4
129 93.8 73.7 110.5
131 95.5 75.8 113.6





#65
Chlorobenzene
Concen: 4.964 ug/l
RT: 11.894 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

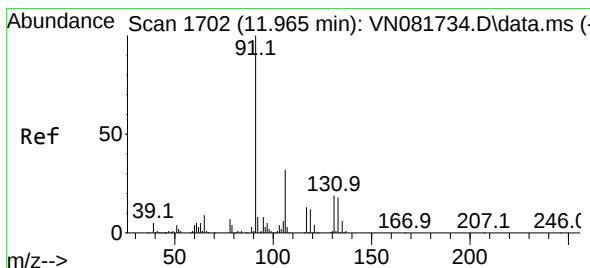
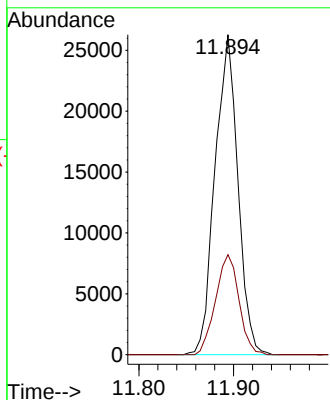
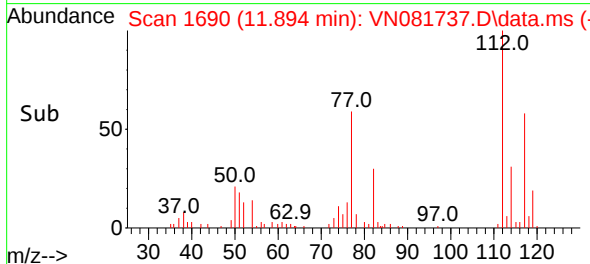
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



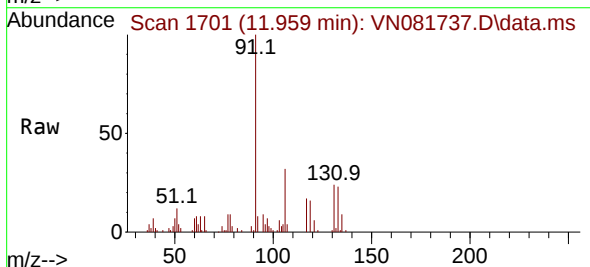
Tgt Ion:112 Resp: 44108
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

Manual Integrations
APPROVED

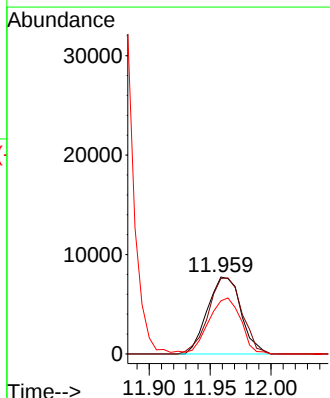
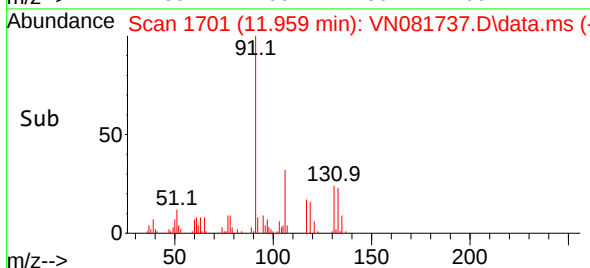
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

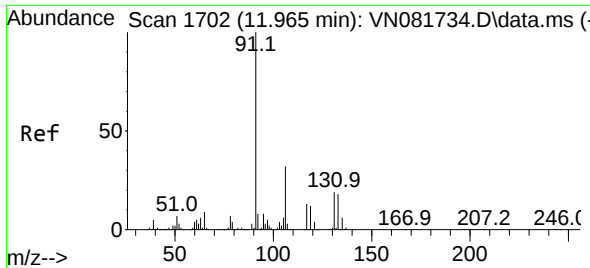


#66
1,1,1,2-Tetrachloroethane
Concen: 4.890 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



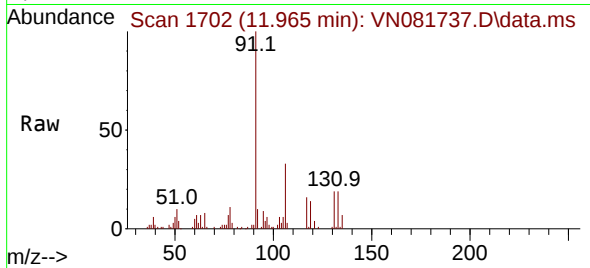
Tgt Ion:131 Resp: 14823
Ion Ratio Lower Upper
131 100
133 98.9 47.5 142.6
119 69.3 32.9 98.7





#67
Ethyl Benzene
Concen: 4.705 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

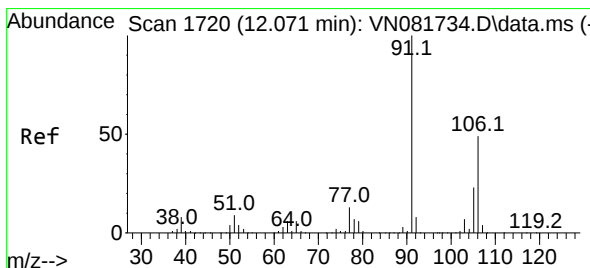
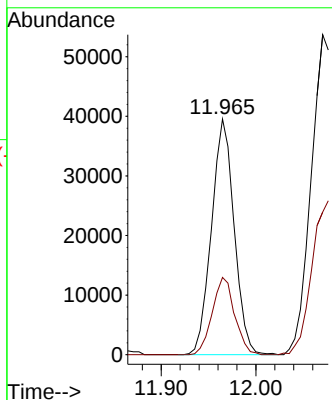
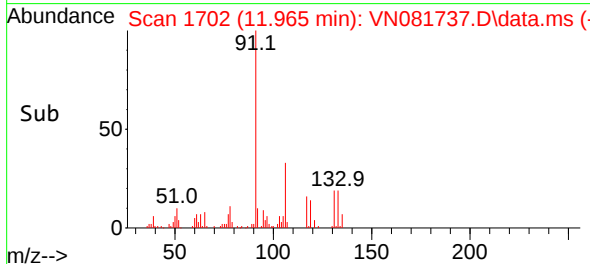
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



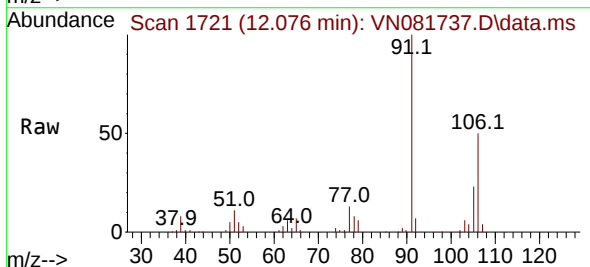
Tgt Ion: 91 Resp: 6580
Ion Ratio Lower Upper
91 100
106 32.8 25.3 37.9

Manual Integrations
APPROVED

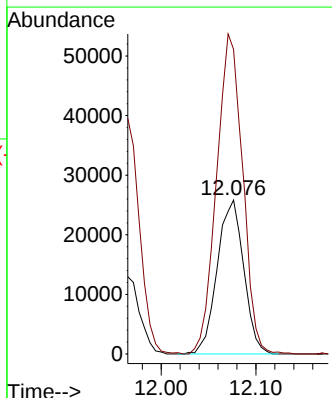
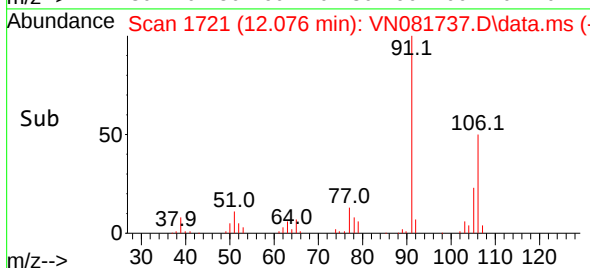
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

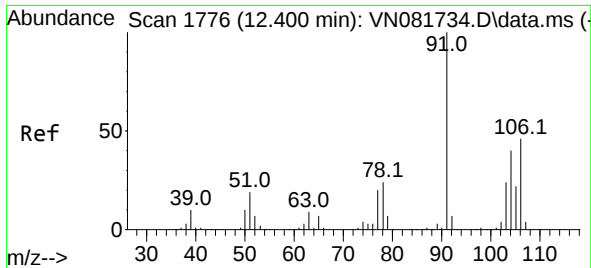


#68
m/p-Xylenes
Concen: 9.239 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



Tgt Ion:106 Resp: 50249
Ion Ratio Lower Upper
106 100
91 205.0 159.4 239.0





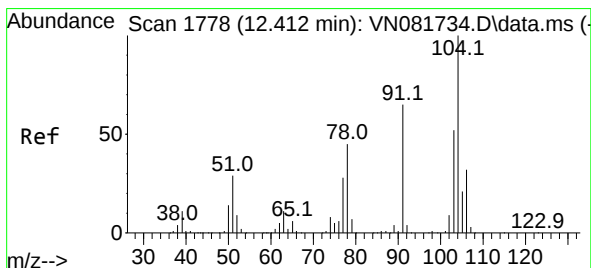
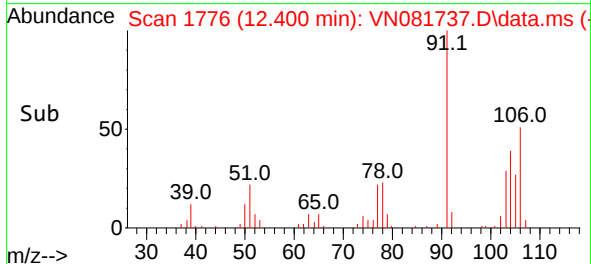
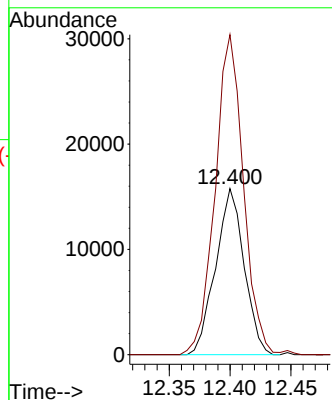
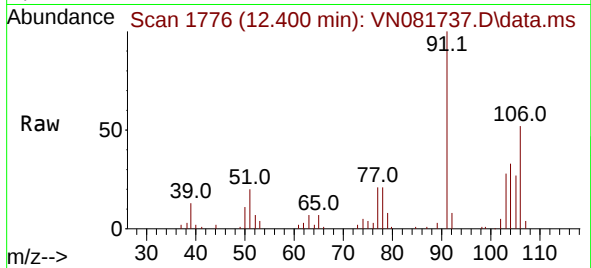
#69
o-Xylene
Concen: 4.932 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 25708
Ion Ratio Lower Upper
106 100
91 191.7 104.7 314.1

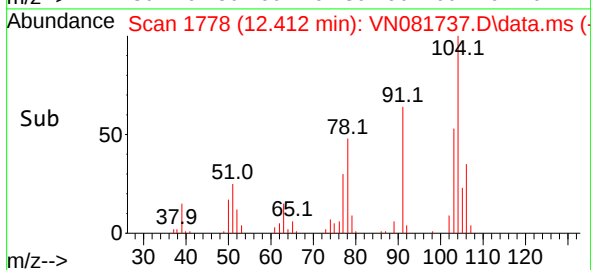
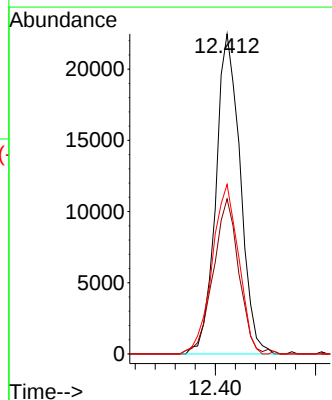
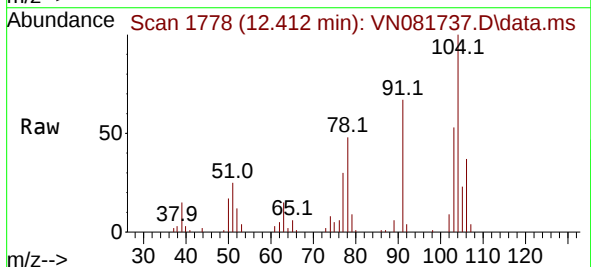
Manual Integrations
APPROVED

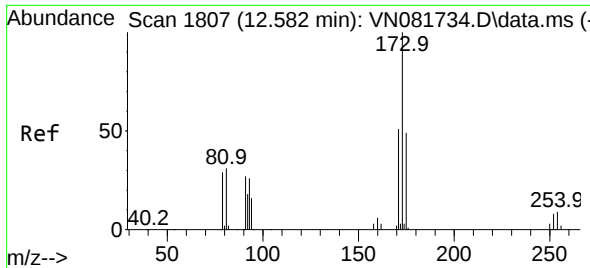
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#70
Styrene
Concen: 4.442 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

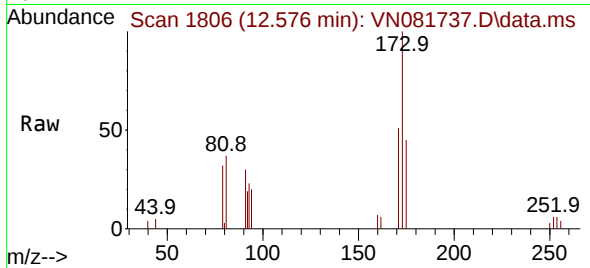
Tgt Ion:104 Resp: 37928
Ion Ratio Lower Upper
104 100
78 51.1 38.6 58.0
103 57.5 43.8 65.6





#71
Bromoform
Concen: 5.041 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

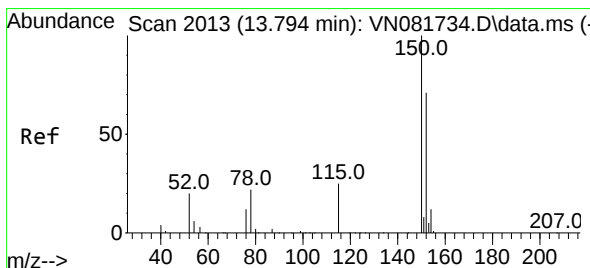
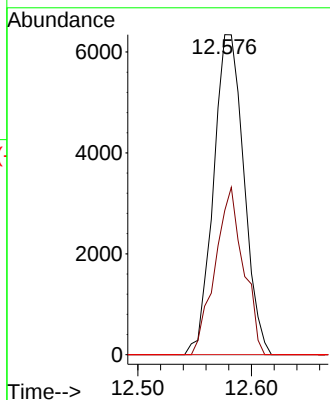
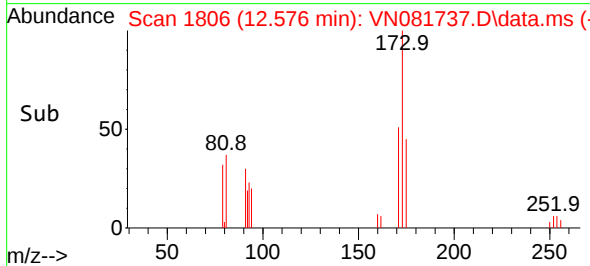
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



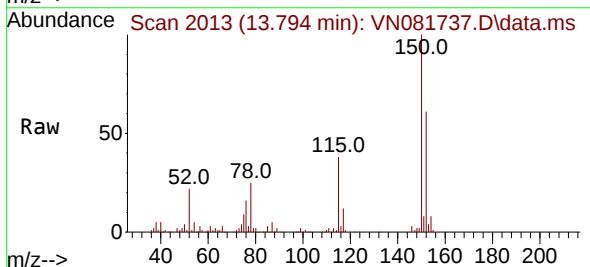
Tgt Ion:173 Resp: 11790
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

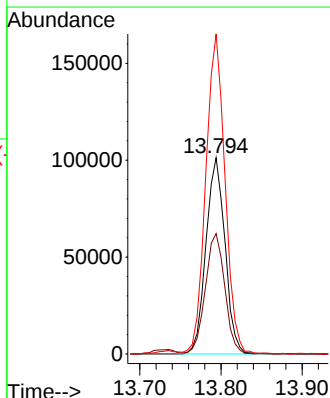
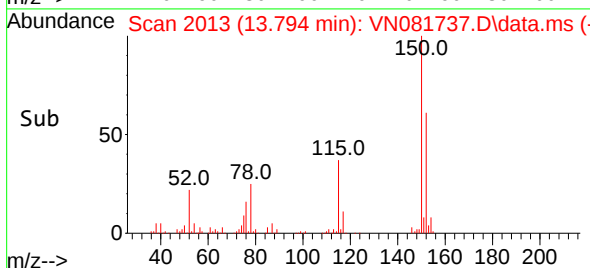
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

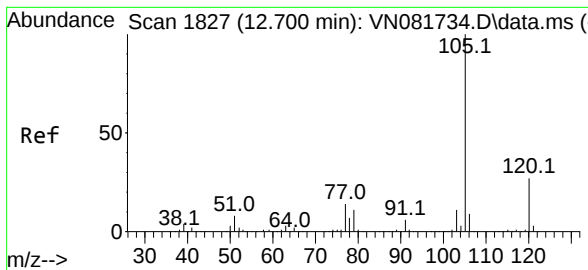


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



Tgt Ion:152 Resp: 164946
Ion Ratio Lower Upper
152 100
115 62.5 30.4 91.3
150 164.0 0.0 353.2





#73

Isopropylbenzene

Concen: 4.893 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 6052

Ion Ratio Lower Upper

105 100

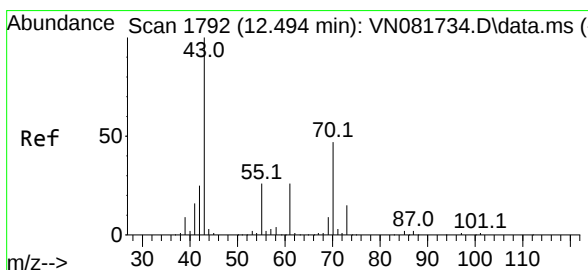
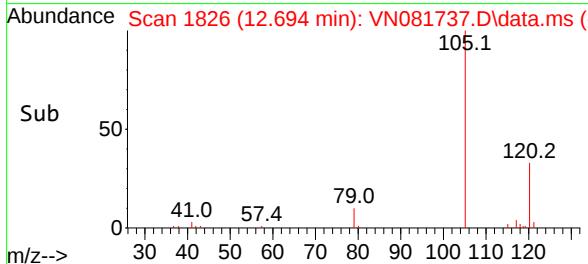
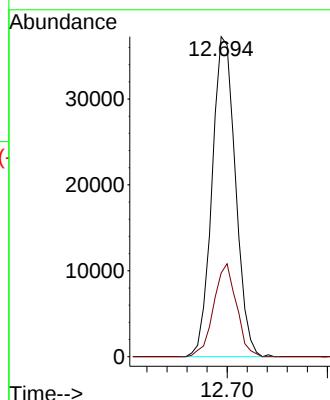
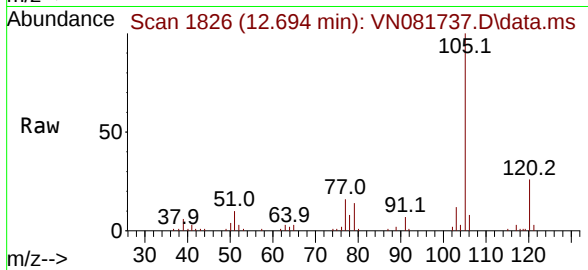
120 28.3 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#74

N-ethyl acetate

Concen: 4.820 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Tgt Ion: 43 Resp: 21699

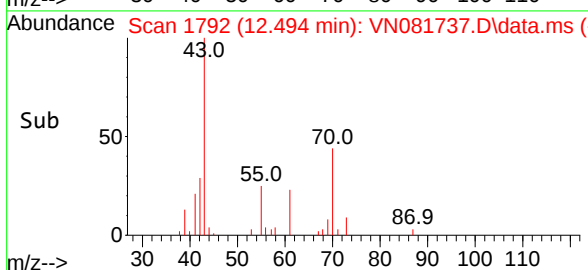
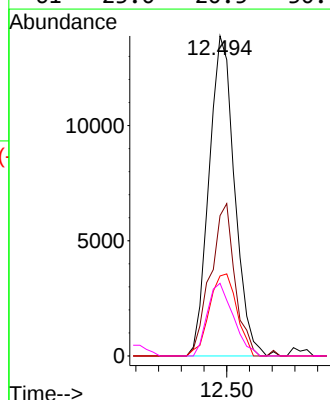
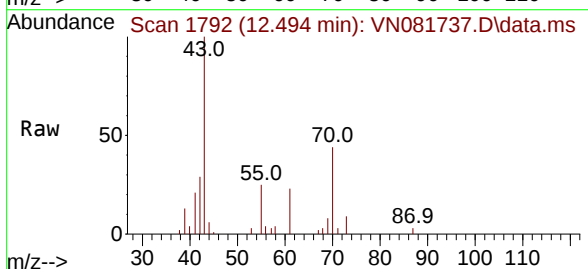
Ion Ratio Lower Upper

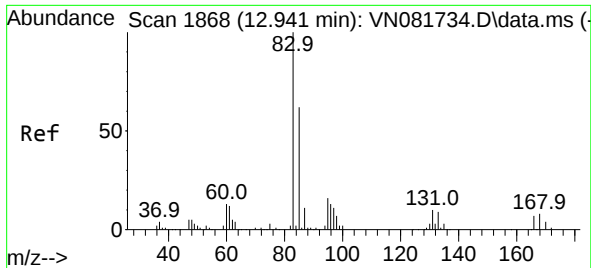
43 100

70 45.5 39.0 58.4

55 27.6 21.3 31.9

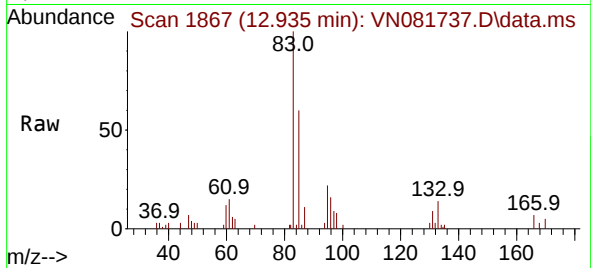
61 23.0 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.350 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

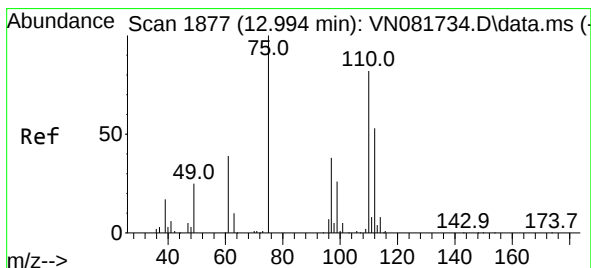
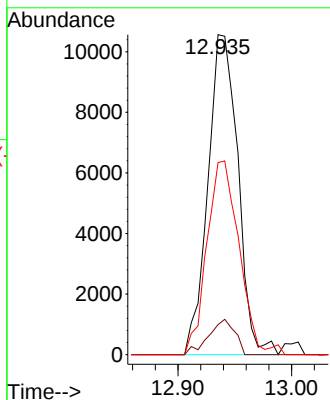
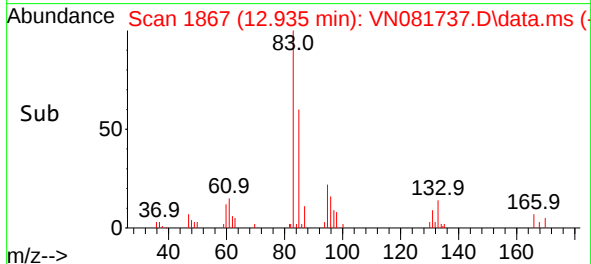
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 1944
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.4
85 65.0 32.9 98.6

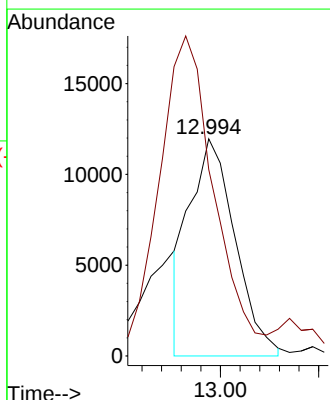
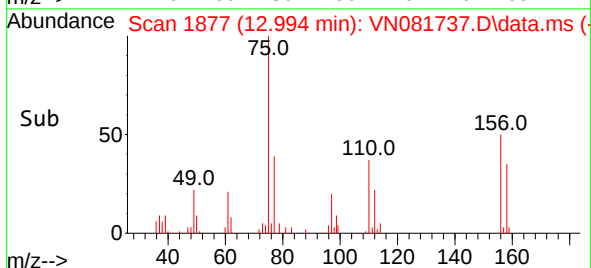
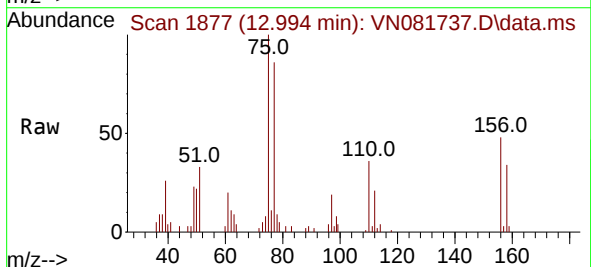
Manual Integrations
APPROVED

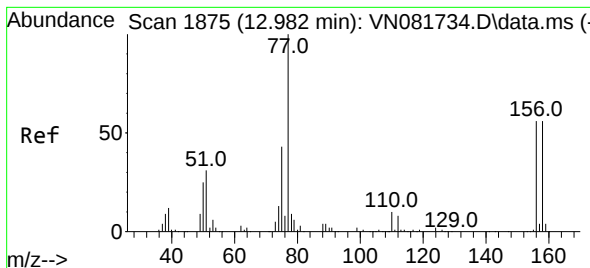
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#76
1,2,3-Trichloropropane
Concen: 5.666 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion: 75 Resp: 19300
Ion Ratio Lower Upper
75 100
77 179.8 90.5 271.3





#77

Bromobenzene

Concen: 5.114 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

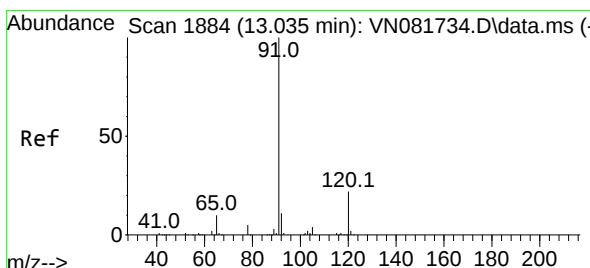
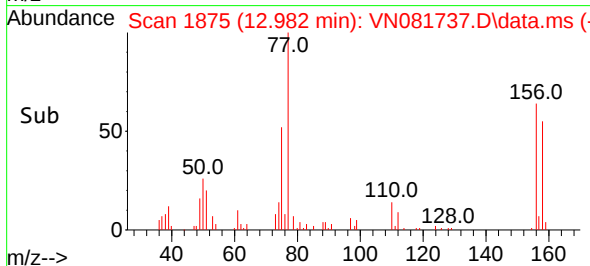
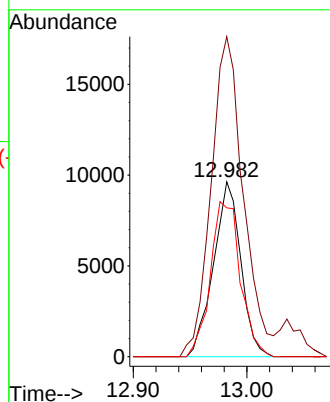
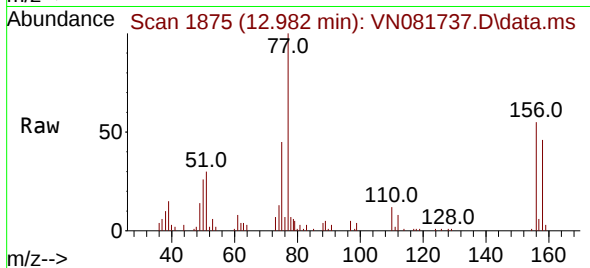
Tgt Ion:	156	Resp:	1612
Ion Ratio	Lower	Upper	
156	100		
77	215.2	100.2	300.6
158	96.9	49.1	147.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#78

n-propylbenzene

Concen: 4.840 ug/l

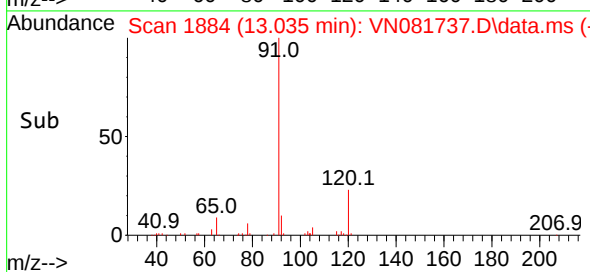
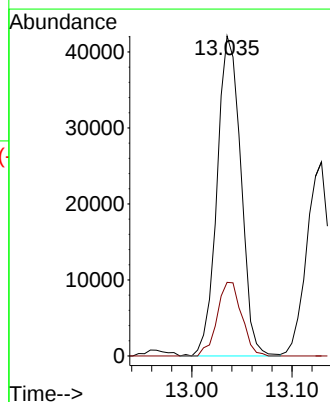
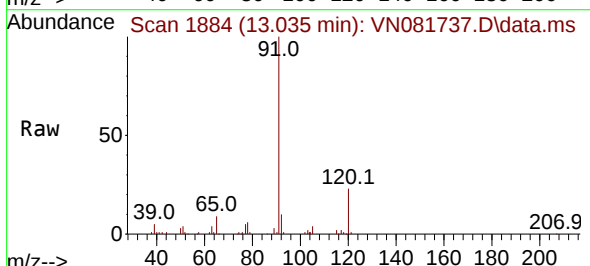
RT: 13.035 min Scan# 1884

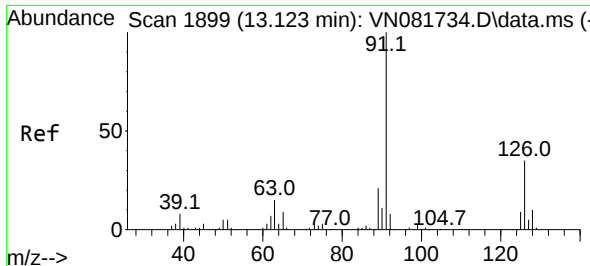
Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

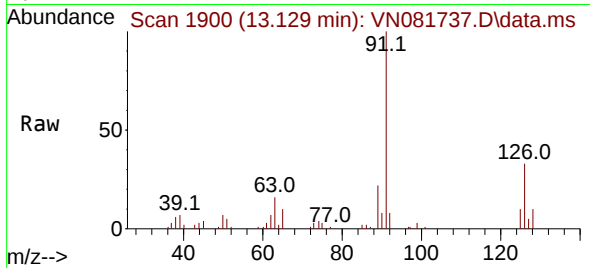
Tgt Ion:	91	Resp:	69463
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





#79
2-Chlorotoluene
Concen: 4.845 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

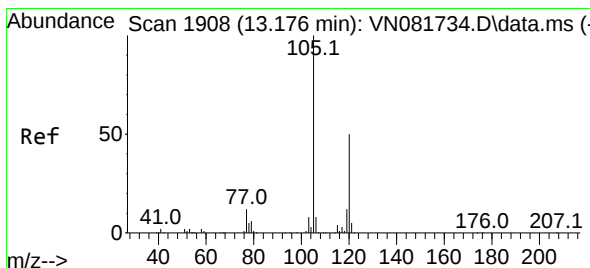
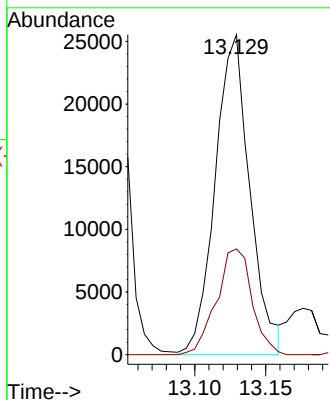
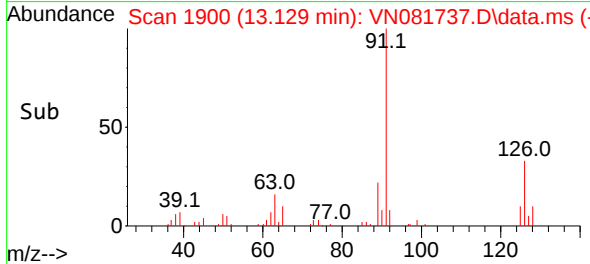
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



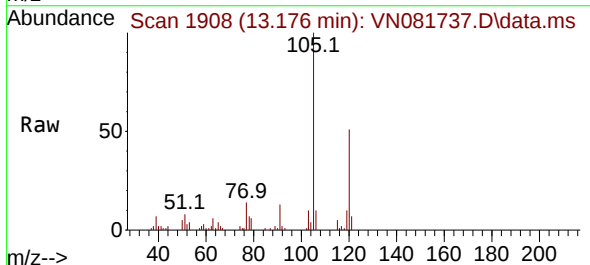
Tgt Ion: 91 Resp: 43348
Ion Ratio Lower Upper
91 100
126 33.7 17.5 52.5

Manual Integrations
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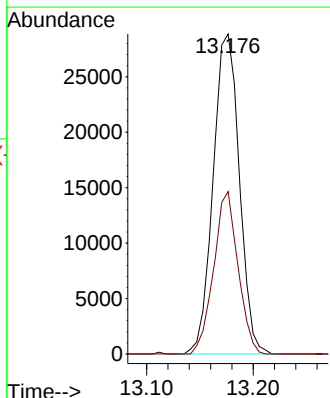
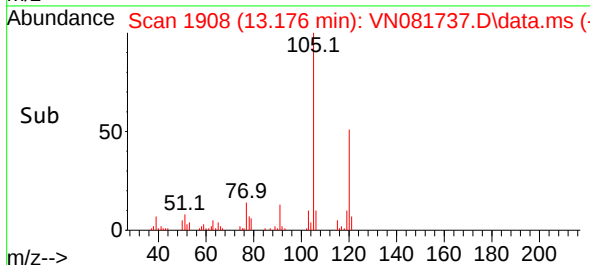
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

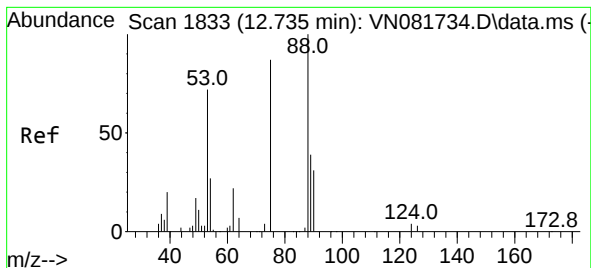


#80
1,3,5-Trimethylbenzene
Concen: 4.870 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



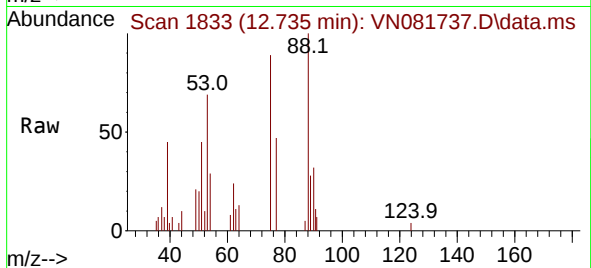
Tgt Ion:105 Resp: 49203
Ion Ratio Lower Upper
105 100
120 47.1 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 5.107 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

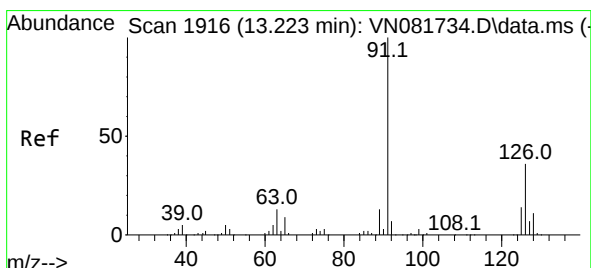
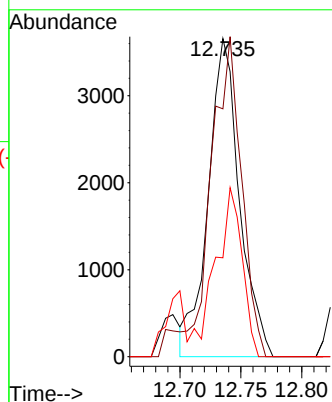
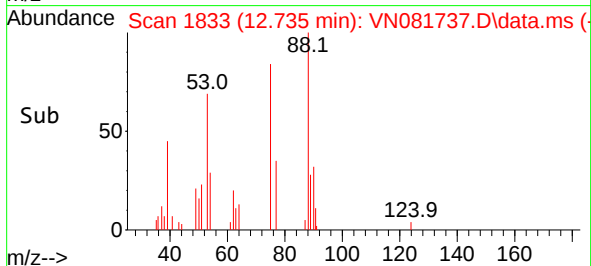
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 6534
Ion Ratio Lower Upper
75 100
53 101.9 72.9 109.3
89 42.9 39.1 58.7

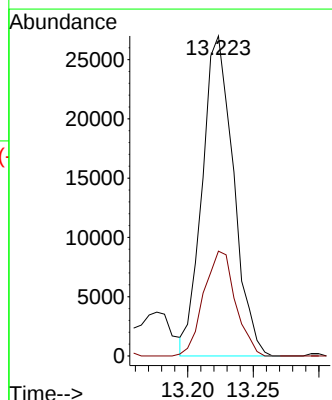
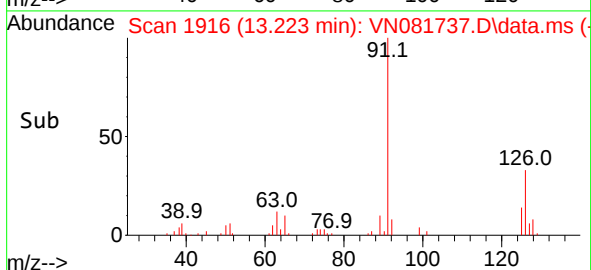
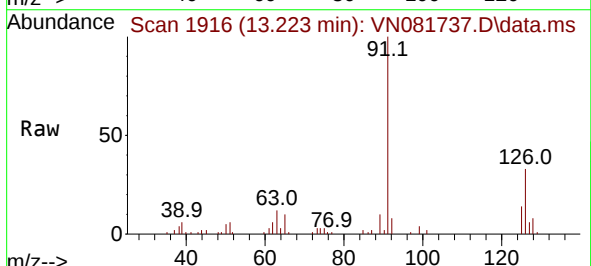
Manual Integrations
APPROVED

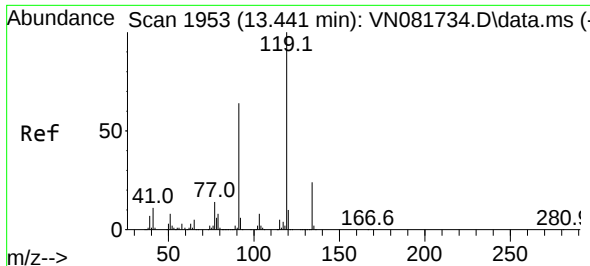
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#82
4-Chlorotoluene
Concen: 5.061 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

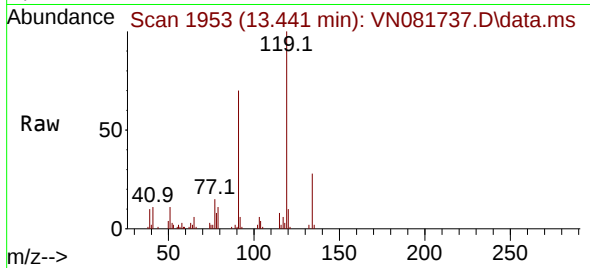
Tgt Ion: 91 Resp: 44731
Ion Ratio Lower Upper
91 100
126 33.2 17.4 52.3





#83
tert-Butylbenzene
Concen: 5.018 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

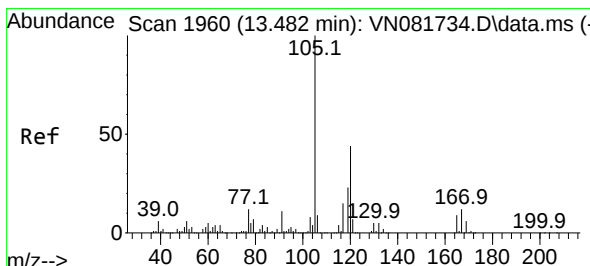
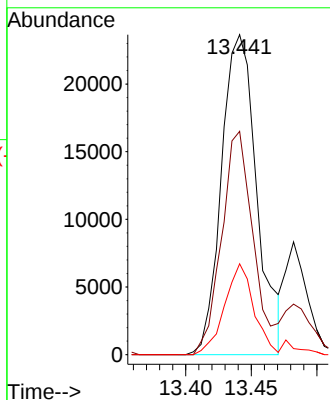
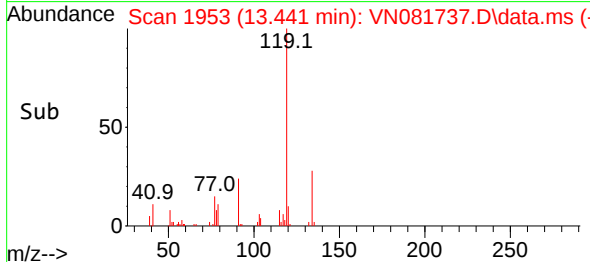
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



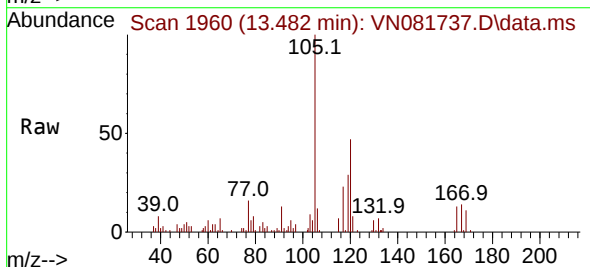
Tgt Ion:119 Resp: 44412
Ion Ratio Lower Upper
119 100
91 61.0 32.6 97.8
134 23.5 12.4 37.0

Manual Integrations
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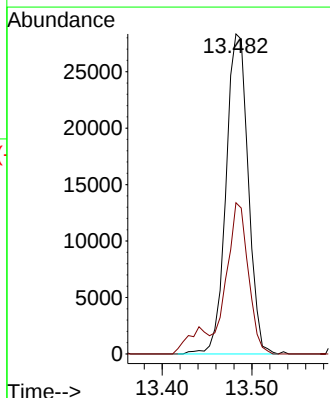
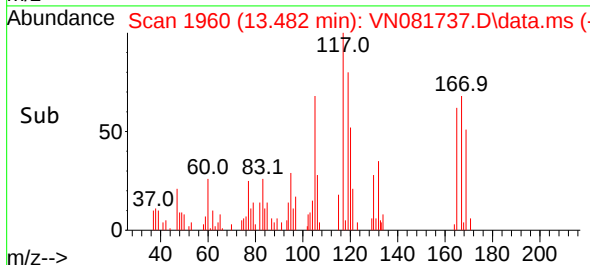
Reviewed By :John Carbone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

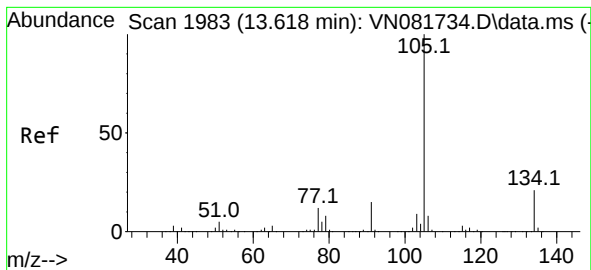


#84
1,2,4-Trimethylbenzene
Concen: 4.766 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



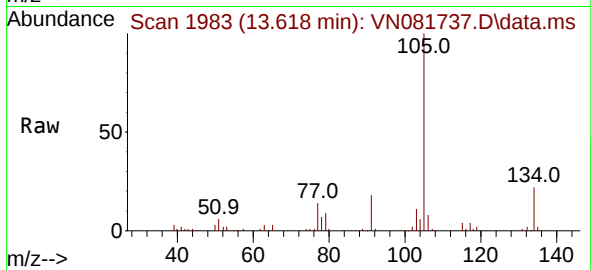
Tgt Ion:105 Resp: 48572
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.7





#85
sec-Butylbenzene
Concen: 4.693 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

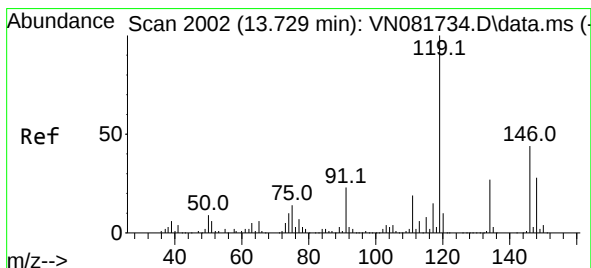
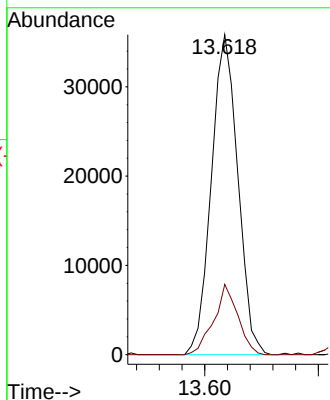
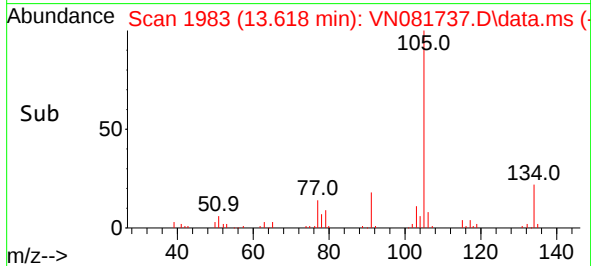
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



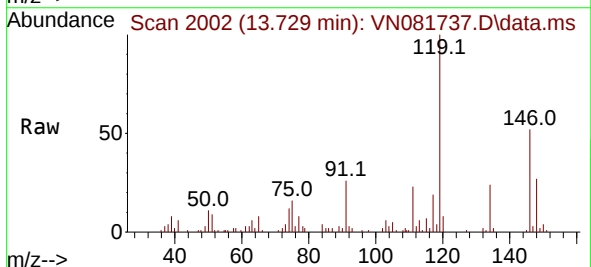
Tgt Ion:105 Resp: 57950
Ion Ratio Lower Upper
105 100
134 20.0 10.2 30.4

Manual Integrations
APPROVED

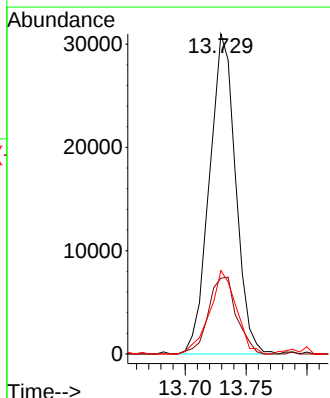
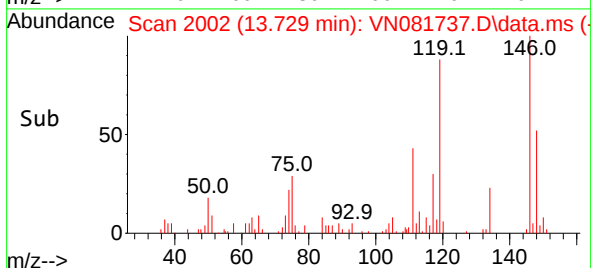
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

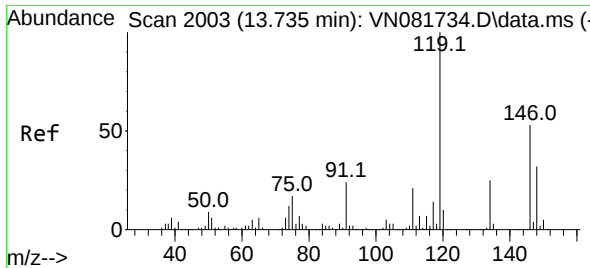


#86
p-Isopropyltoluene
Concen: 4.583 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



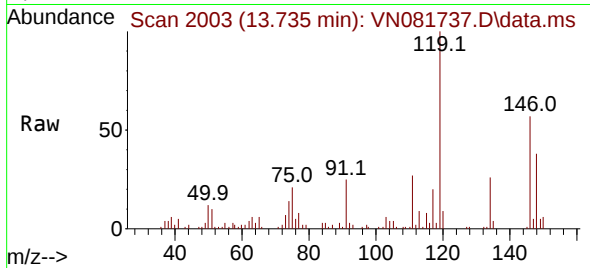
Tgt Ion:119 Resp: 46390
Ion Ratio Lower Upper
119 100
134 25.9 13.2 39.5
91 26.5 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 4.893 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081737.D
 Acq: 15 Apr 2024 13:47

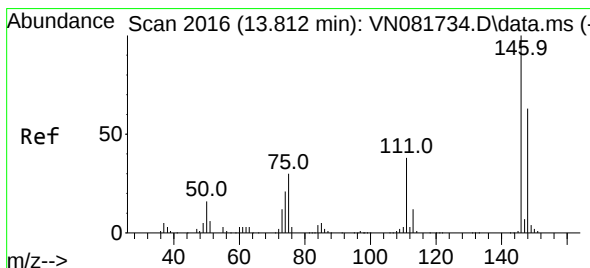
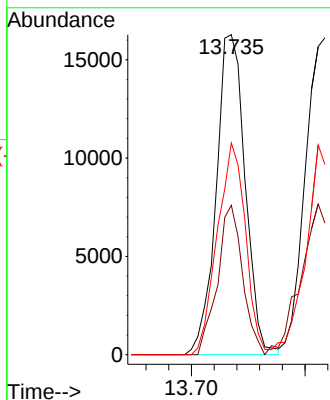
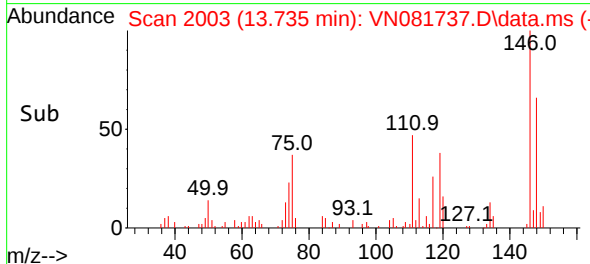
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



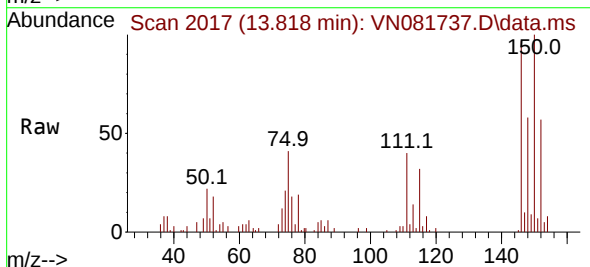
Tgt Ion:146 Resp: 28838
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.8 62.5
 148 64.5 32.1 96.3

Manual Integrations
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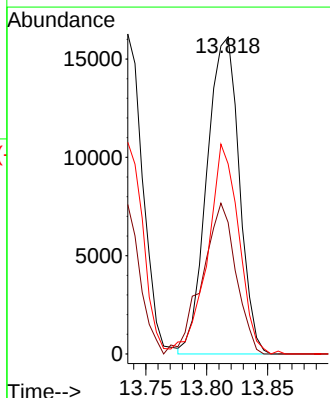
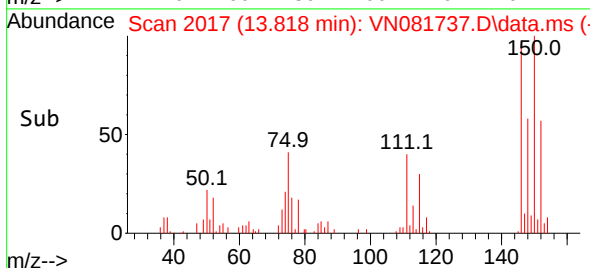
Reviewed By :John Carlone 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/16/2024

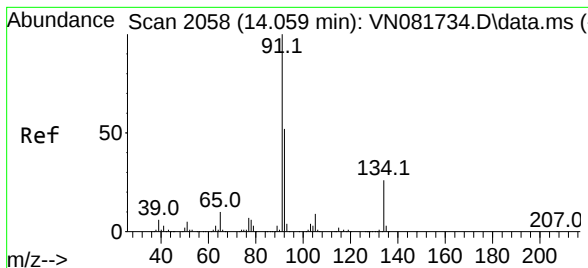


#88
 1,4-Dichlorobenzene
 Concen: 5.058 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081737.D
 Acq: 15 Apr 2024 13:47



Tgt Ion:146 Resp: 29766
 Ion Ratio Lower Upper
 146 100
 111 49.7 19.3 57.9
 148 63.6 31.3 93.9





#89

n-Butylbenzene

Concen: 4.693 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

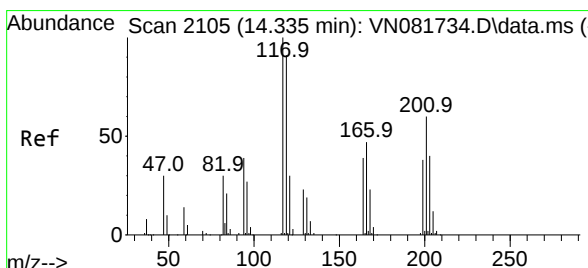
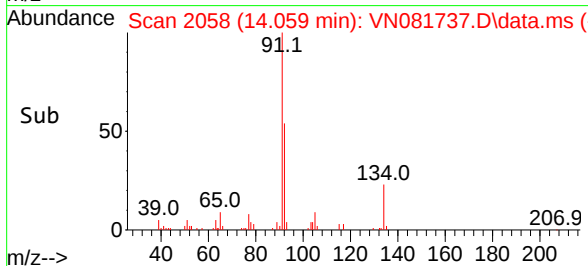
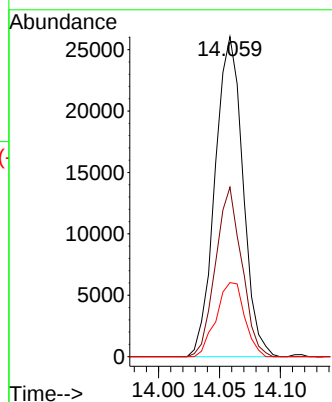
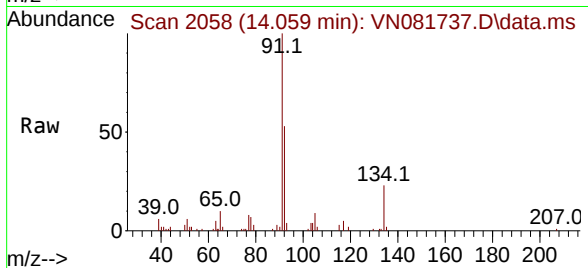
Tgt Ion:	91	Resp:	4153
Ion	Ratio	Lower	Upper
91	100		
92	49.8	26.2	78.5
134	23.5	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#90

Hexachloroethane

Concen: 4.858 ug/l

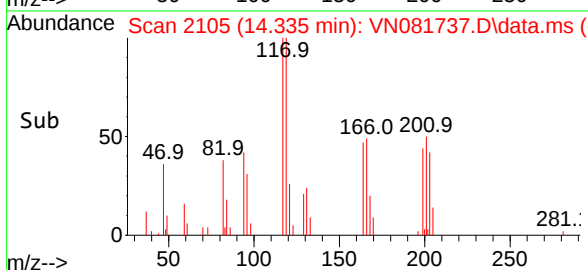
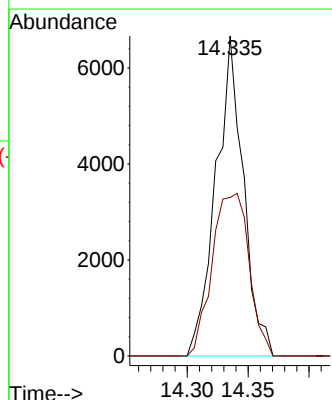
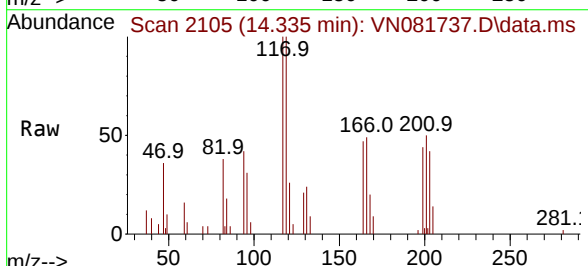
RT: 14.335 min Scan# 2105

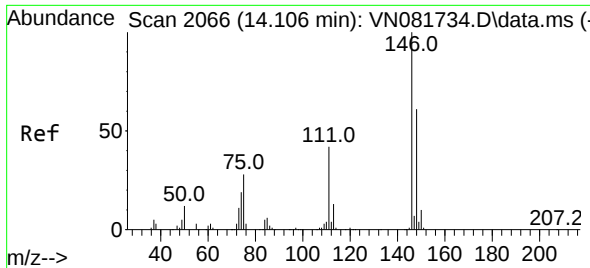
Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Tgt Ion:	117	Resp:	10468
Ion	Ratio	Lower	Upper
117	100		
201	68.4	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 4.865 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

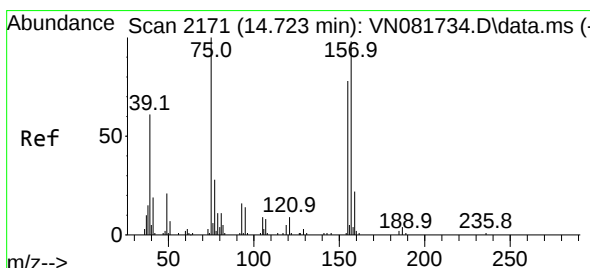
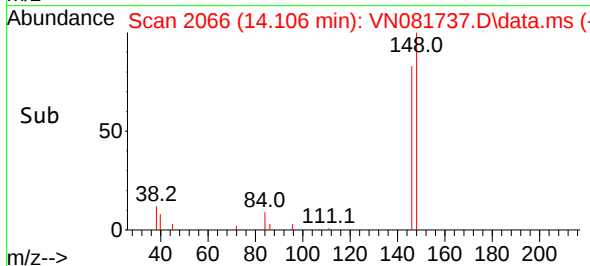
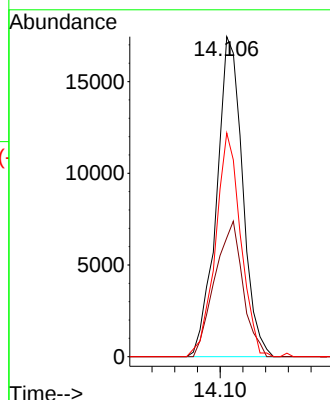
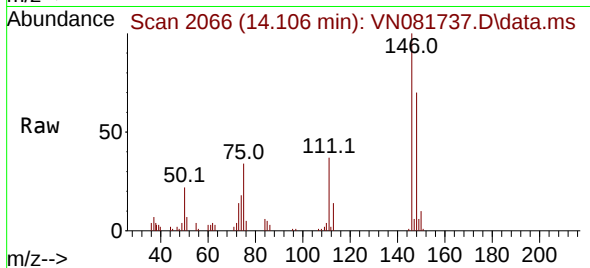
Tgt Ion:	146	Resp:	2775
Ion Ratio	Lower	Upper	
146	100		
111	45.8	21.3	64.0
148	67.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.319 ug/l

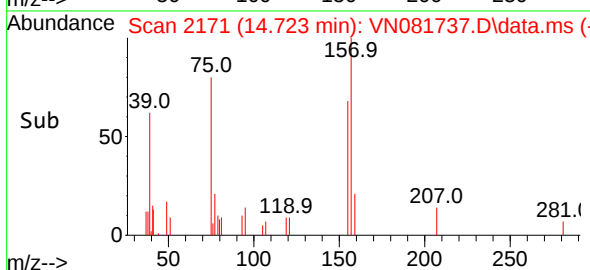
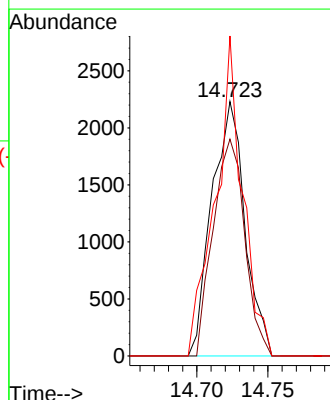
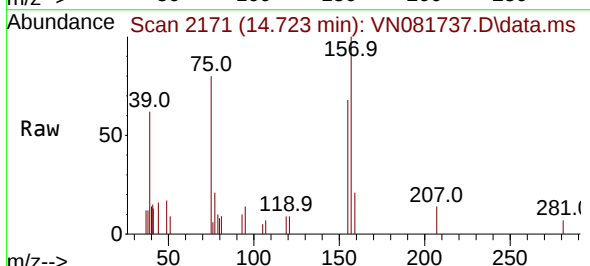
RT: 14.723 min Scan# 2171

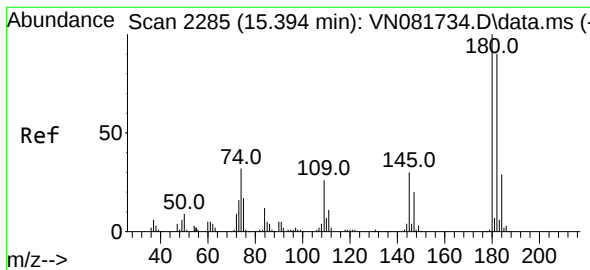
Delta R.T. 0.000 min

Lab File: VN081737.D

Acq: 15 Apr 2024 13:47

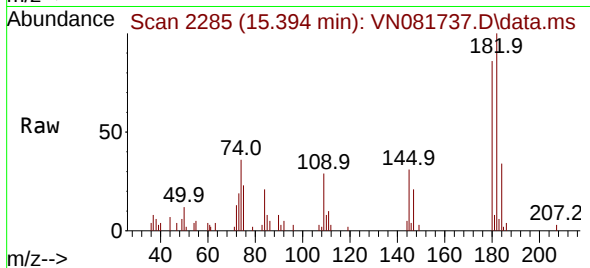
Tgt Ion:	75	Resp:	3610
Ion Ratio	Lower	Upper	
75	100		
155	81.6	42.6	128.0
157	103.5	53.0	159.0





#93
1,2,4-Trichlorobenzene
Concen: 4.389 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

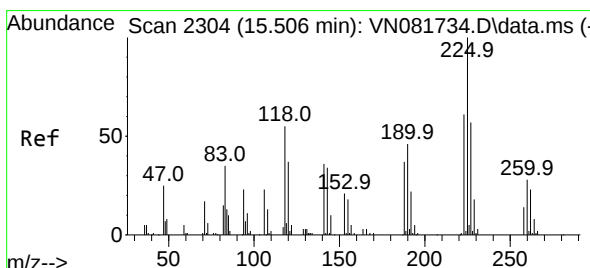
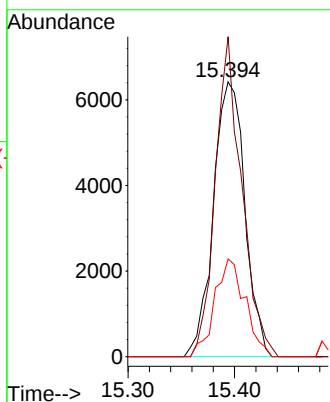
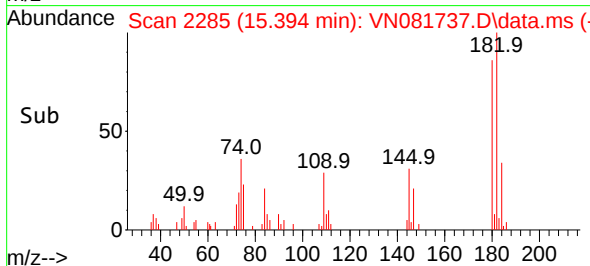
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



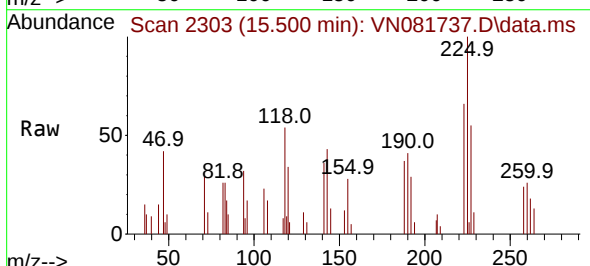
Tgt Ion:180 Resp: 13190
Ion Ratio Lower Upper
180 100
182 97.6 46.7 140.0
145 34.5 16.2 48.6

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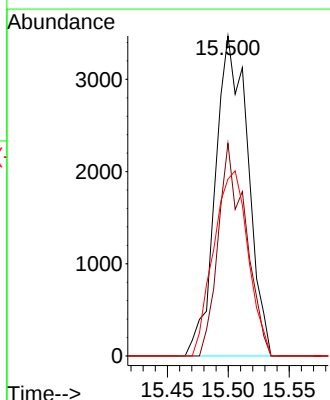
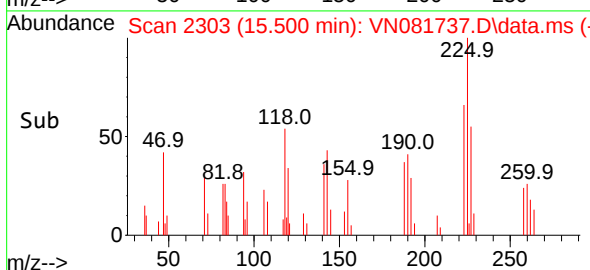
Reviewed By :John Carlone 04/15/2024
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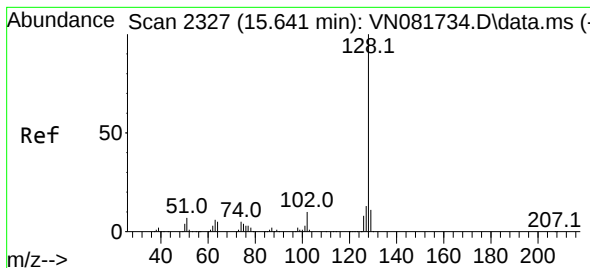


#94
Hexachlorobutadiene
Concen: 4.973 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47



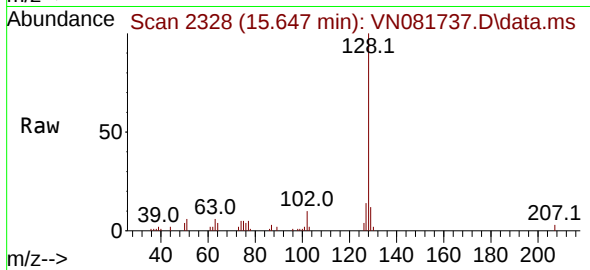
Tgt Ion:225 Resp: 6442
Ion Ratio Lower Upper
225 100
223 56.1 31.1 93.2
227 61.4 30.6 91.6





#95
Naphthalene
Concen: 4.251 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

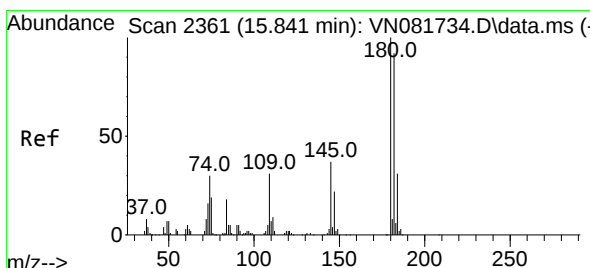
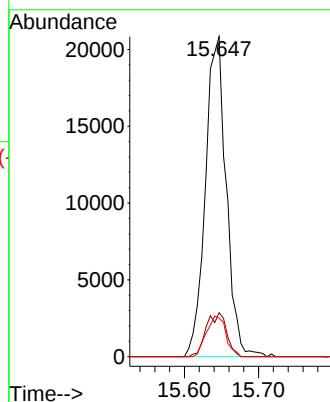
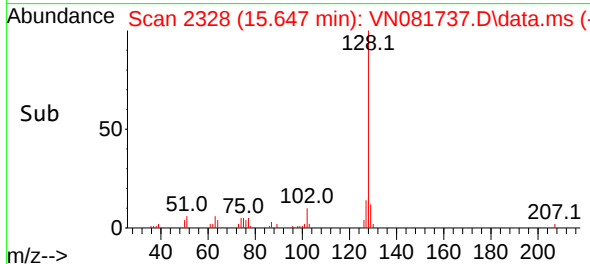
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 40814
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.9 8.9 13.3

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#96
1,2,3-Trichlorobenzene
Concen: 4.553 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081737.D
Acq: 15 Apr 2024 13:47

Tgt Ion:180 Resp: 13989
Ion Ratio Lower Upper
180 100
182 89.8 46.0 137.8
145 34.6 17.1 51.3

