

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078273.D
 Acq On : 30 Jan 2024 11:38
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 31 00:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	124342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	222115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75461	49.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.040%
35) Dibromofluoromethane	7.804	113	77852	49.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.269	98	310130	51.802	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.575	95	91460	51.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67194	51.593	ug/l	100
3) Chloromethane	2.152	50	122731	47.449	ug/l	98
4) Vinyl Chloride	2.287	62	166339	48.752	ug/l	98
5) Bromomethane	2.693	94	91971	44.525	ug/l	100
6) Chloroethane	2.840	64	109841	46.608	ug/l	99
7) Trichlorofluoromethane	3.175	101	139118	48.160	ug/l	97
8) Diethyl Ether	3.599	74	41310	48.342	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.969	101	81791	46.136	ug/l	95
10) Methyl Iodide	4.169	142	85438	52.980	ug/l #	90
11) Tert butyl alcohol	5.052	59	21741	221.431	ug/l #	85
12) 1,1-Dichloroethene	3.946	96	82183	48.044	ug/l	90
13) Acrolein	3.799	56	26031	223.744	ug/l	92
14) Allyl chloride	4.563	41	111117	49.269	ug/l #	89
15) Acrylonitrile	5.257	53	92243	244.214	ug/l	97
16) Acetone	4.028	43	92694	257.327	ug/l #	83
17) Carbon Disulfide	4.275	76	275298	47.672	ug/l	99
18) Methyl Acetate	4.569	43	45892	55.936	ug/l	91
19) Methyl tert-butyl Ether	5.328	73	181500	51.019	ug/l	97
20) Methylene Chloride	4.805	84	94627	50.790	ug/l #	84
21) trans-1,2-Dichloroethene	5.322	96	95750	49.506	ug/l	92
22) Diisopropyl ether	6.216	45	244543	50.958	ug/l	94
23) Vinyl Acetate	6.157	43	728986	248.985	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	161089	48.489	ug/l	96
25) 2-Butanone	7.081	43	121371	236.631	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	133719	49.274	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	106279	49.580	ug/l	92
28) Bromochloromethane	7.428	49	59901	50.552	ug/l #	75
29) Tetrahydrofuran	7.440	42	69552	253.477	ug/l #	85
30) Chloroform	7.604	83	167594	49.339	ug/l	93
31) Cyclohexane	7.881	56	137642	47.746	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	144195	49.257	ug/l	98
36) 1,1-Dichloropropene	8.010	75	130554	49.788	ug/l	95
37) Ethyl Acetate	7.175	43	46837	46.409	ug/l	96
38) Carbon Tetrachloride	7.993	117	126089	48.904	ug/l	95
39) Methylcyclohexane	9.275	83	154999	49.995	ug/l	92
40) Benzene	8.251	78	378792	49.509	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	28515	52.554	ug/l	87
42) 1,2-Dichloroethane	8.328	62	95751	48.252	ug/l	94
43) Isopropyl Acetate	8.363	43	91952	50.815	ug/l #	89
44) Trichloroethene	9.034	130	92099	49.022	ug/l	91
45) 1,2-Dichloropropane	9.310	63	92816	49.616	ug/l	98
46) Dibromomethane	9.393	93	51145	49.276	ug/l #	88
47) Bromodichloromethane	9.587	83	128664	50.385	ug/l	99
48) Methyl methacrylate	9.387	41	44186	51.101	ug/l #	81
49) 1,4-Dioxane	9.387	88	11258	966.936	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	248900	254.267	ug/l	90
52) Toluene	10.334	92	237733	51.227	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	120018	50.317	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	141986	50.282	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	69631	51.410	ug/l	96
56) Ethyl methacrylate	10.598	69	81902	53.312	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	115870	49.614	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	185259	265.172	ug/l	93
59) 2-Hexanone	10.922	43	182401	247.413	ug/l	89
60) Dibromochloromethane	11.075	129	79111	50.316	ug/l	95
61) 1,2-Dibromoethane	11.181	107	63070	49.321	ug/l	100
64) Tetrachloroethene	10.810	164	70598	50.607	ug/l	89
65) Chlorobenzene	11.610	112	242719	50.723	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	85378	50.113	ug/l	97
67) Ethyl Benzene	11.687	91	452979	52.260	ug/l	95
68) m/p-Xylenes	11.792	106	348340	104.458	ug/l	88
69) o-Xylene	12.122	106	163622	53.391	ug/l	93
70) Styrene	12.134	104	280130	53.525	ug/l	97
71) Bromoform	12.298	173	42697	50.885	ug/l #	100
73) Isopropylbenzene	12.422	105	422101	51.894	ug/l	95
74) N-amyl acetate	12.234	43	84604	50.292	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	78506	49.979	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	96479	96.018	ug/l #	100
77) Bromobenzene	12.704	156	89431	49.963	ug/l	82
78) n-propylbenzene	12.763	91	532836	52.587	ug/l	94
79) 2-Chlorotoluene	12.851	91	281700	51.936	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	349909	52.879	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	26206	51.869	ug/l	97
82) 4-Chlorotoluene	12.945	91	295341	51.075	ug/l	94
83) tert-Butylbenzene	13.169	119	292671	51.835	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	355240	53.062	ug/l	94
85) sec-Butylbenzene	13.345	105	455910	51.448	ug/l	95
86) p-Isopropyltoluene	13.463	119	376499	51.873	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	192254	51.701	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	187017	50.831	ug/l	97
89) n-Butylbenzene	13.786	91	362917	51.313	ug/l	97
90) Hexachloroethane	14.057	117	73890	50.969	ug/l	82
91) 1,2-Dichlorobenzene	13.833	146	160892	50.574	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10845	49.252	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	93151	50.622	ug/l	98
94) Hexachlorobutadiene	15.204	225	45924	50.931	ug/l	99
95) Naphthalene	15.333	128	193105	52.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	83424	51.489	ug/l	99

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Response via : Initial Calibration

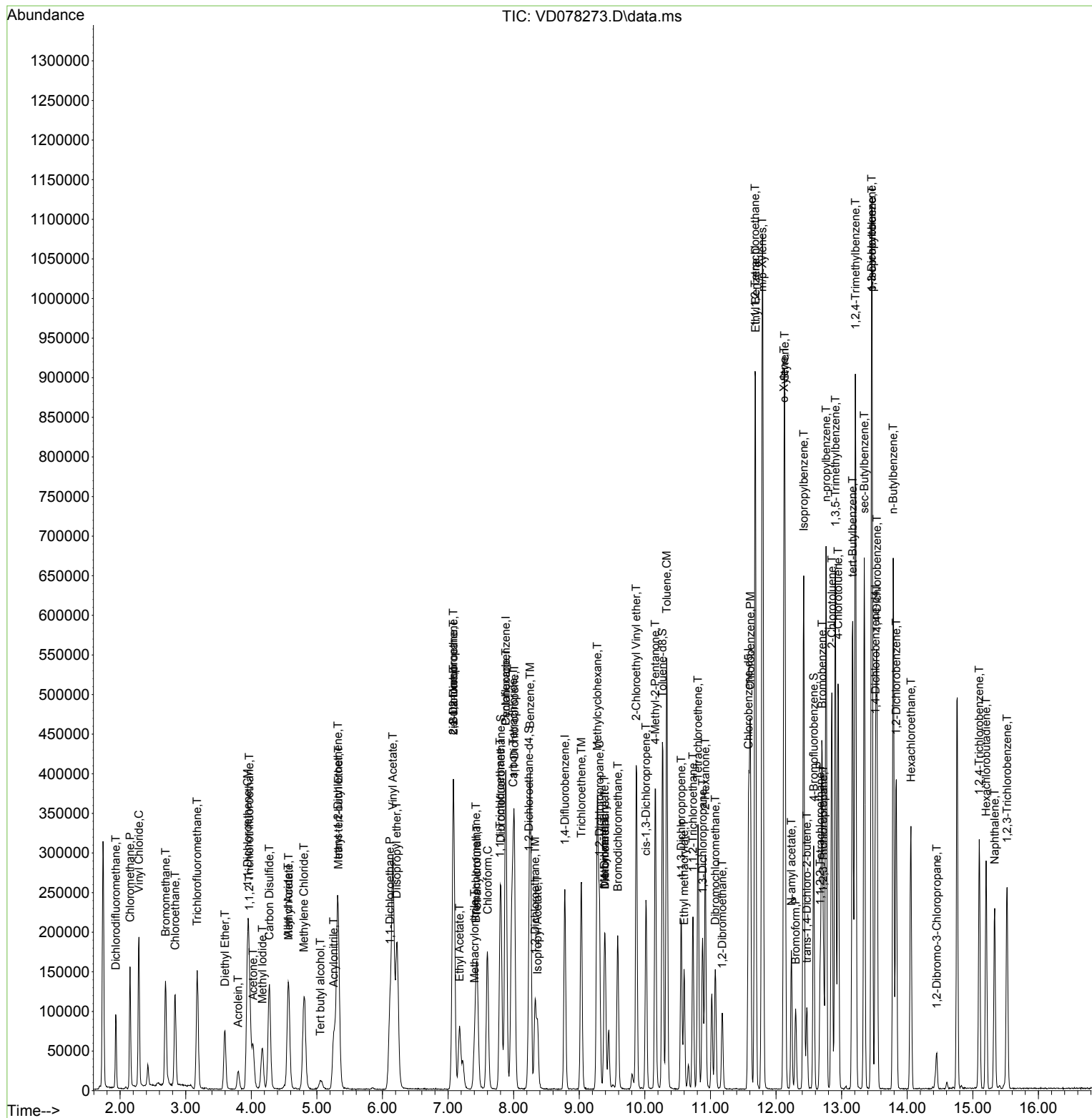
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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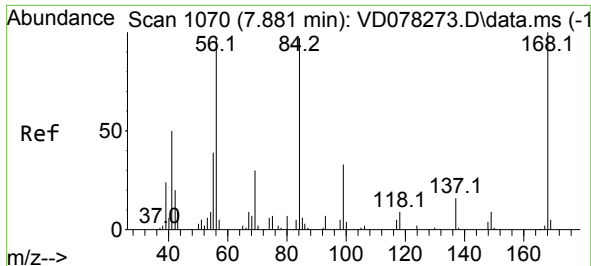
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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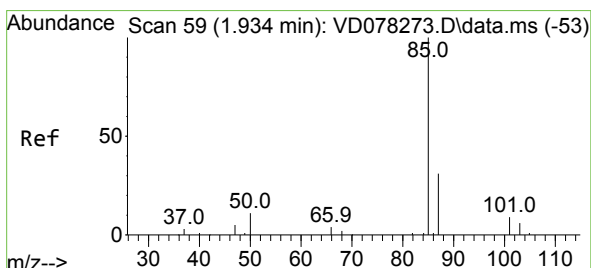
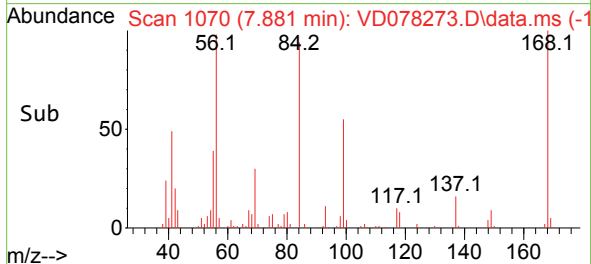
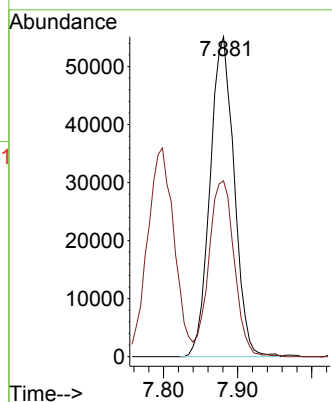
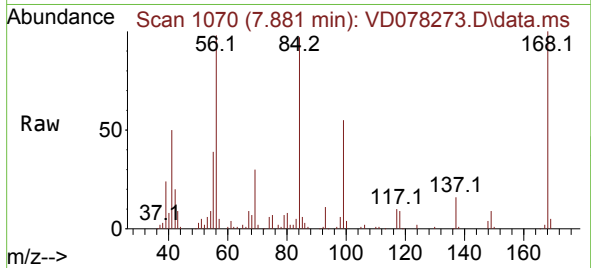




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
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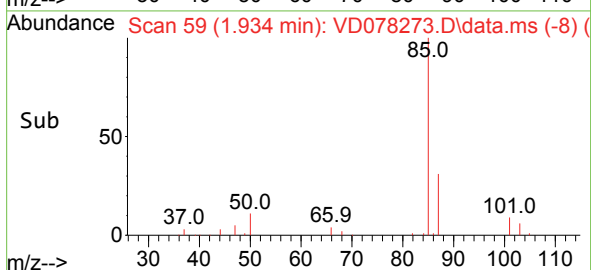
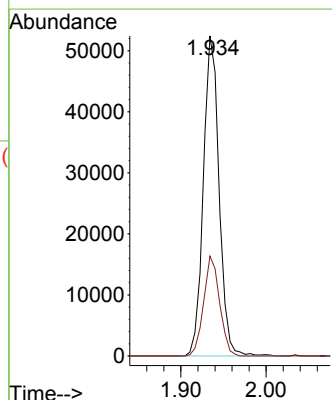
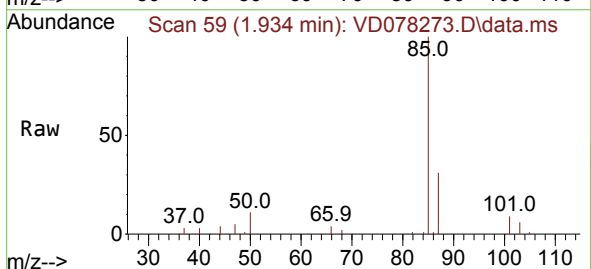
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

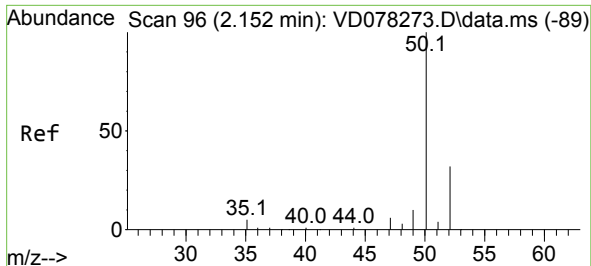
Tgt Ion:168 Resp: 124342
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 51.593 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 85 Resp: 67194
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0

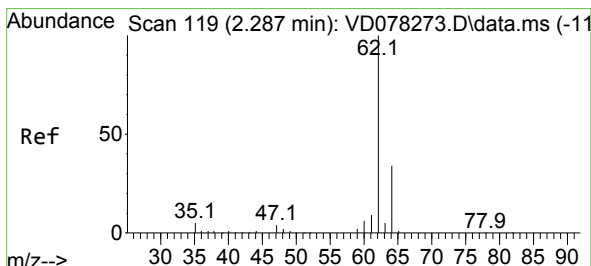
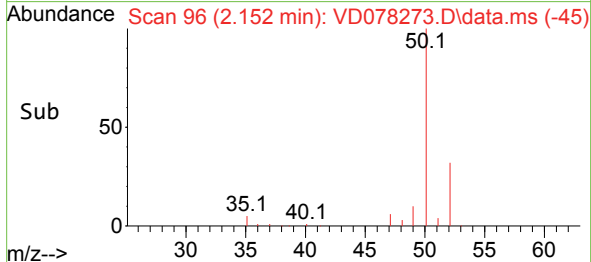
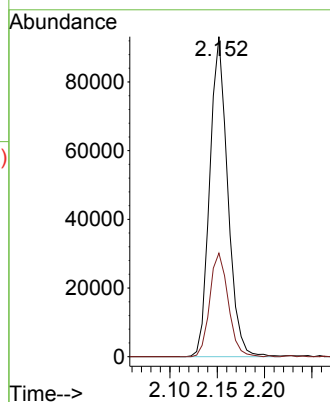
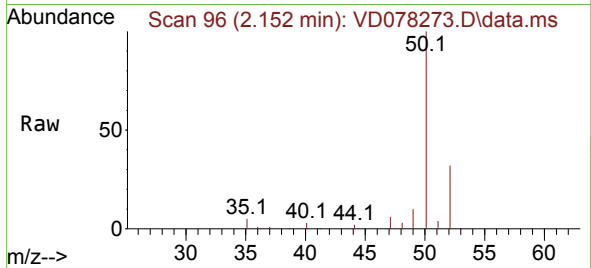




#3
Chloromethane
Concen: 47.449 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

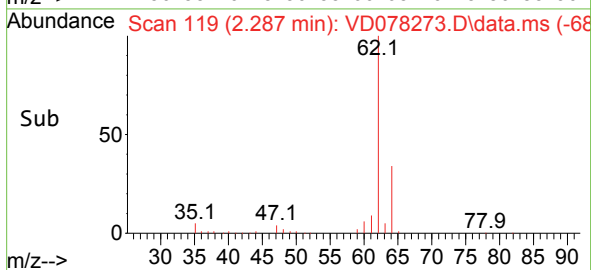
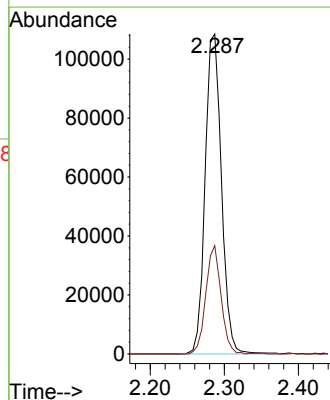
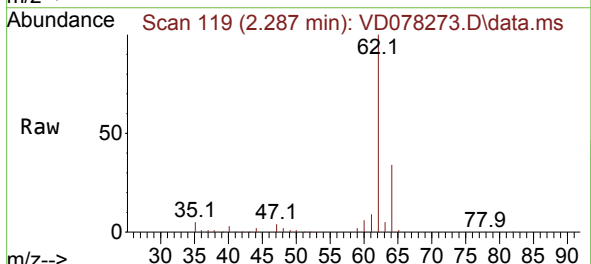
Instrument :
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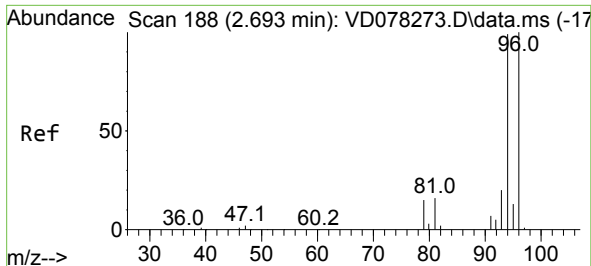
Tgt Ion: 50 Resp: 122731
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0



#4
Vinyl Chloride
Concen: 48.752 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 62 Resp: 166339
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0

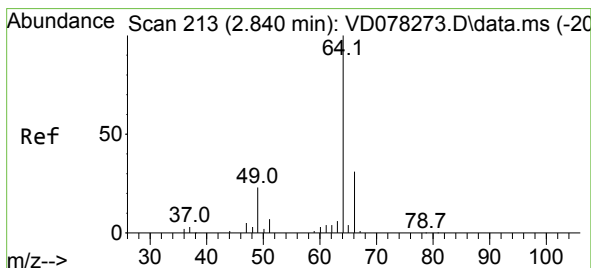
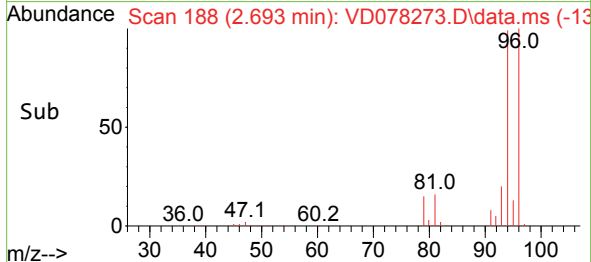
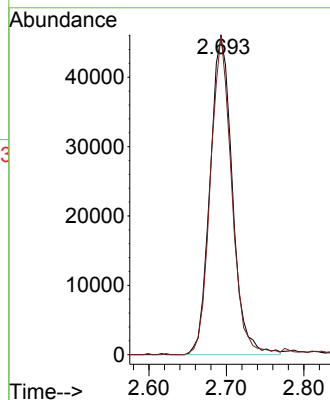
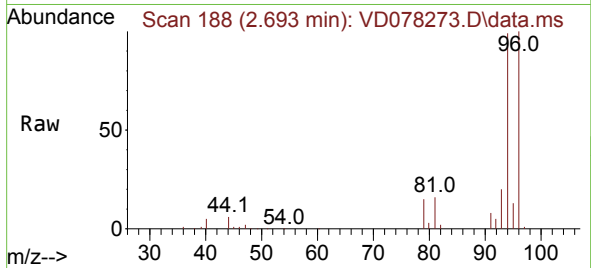




#5
Bromomethane
Concen: 44.525 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078273.D
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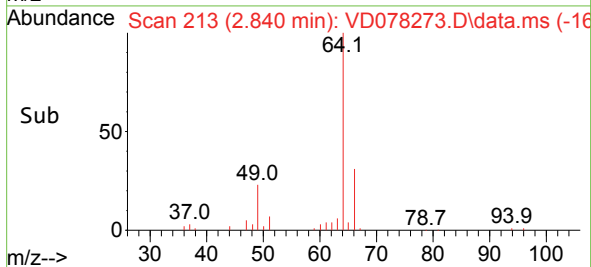
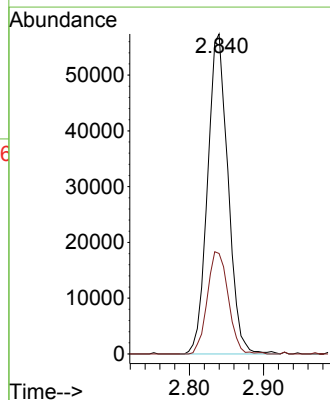
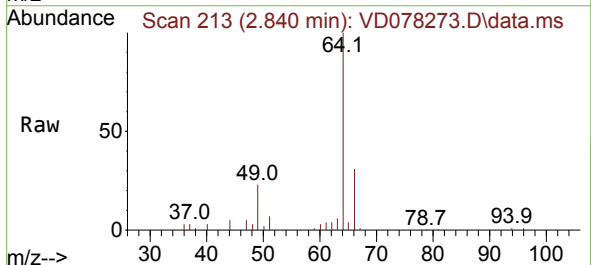
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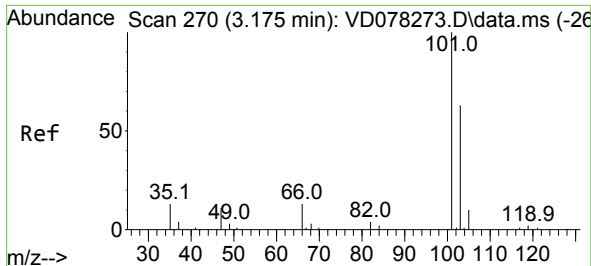
Tgt Ion: 94 Resp: 91971
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 46.608 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078273.D
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Tgt Ion: 64 Resp: 109841
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

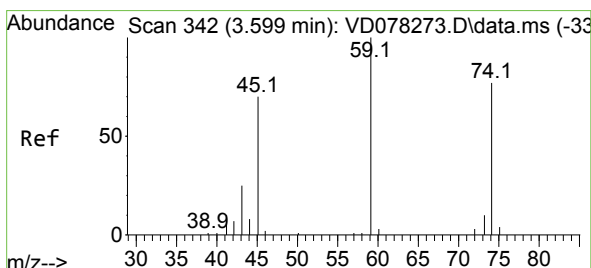
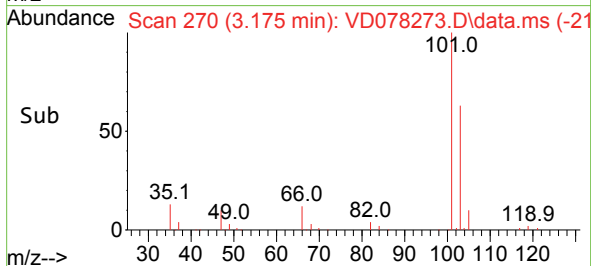
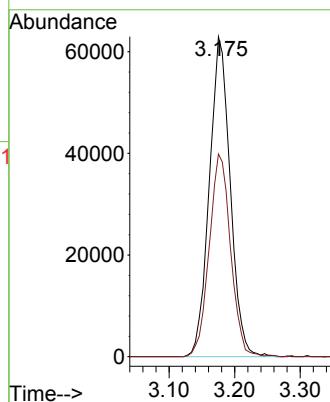
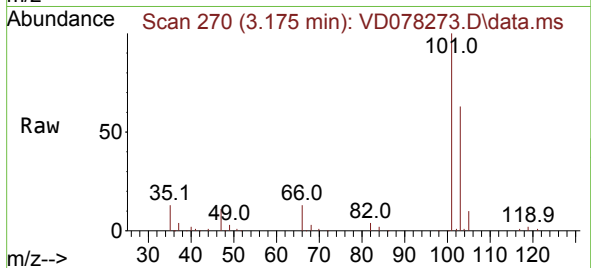




#7
 Trichlorofluoromethane
 Concen: 48.160 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078273.D
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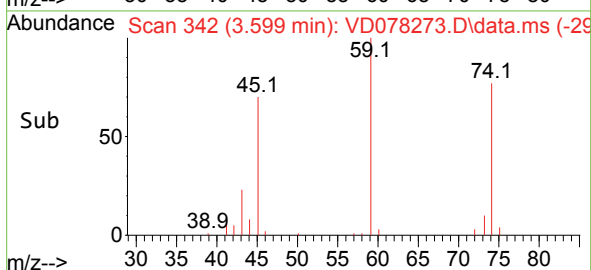
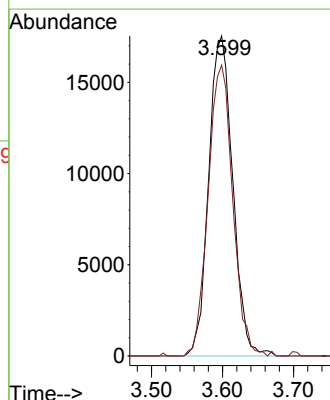
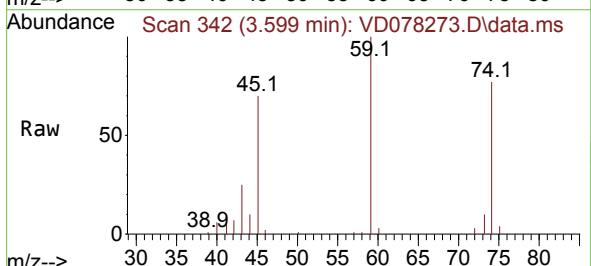
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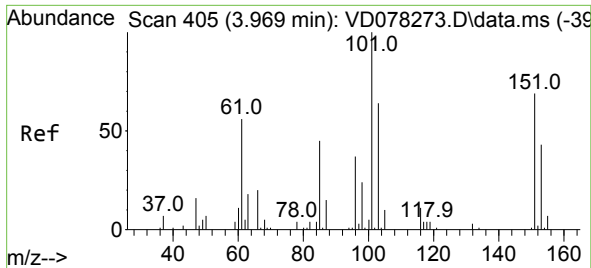
Tgt Ion:101 Resp: 139118
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 48.342 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 41310
 Ion Ratio Lower Upper
 74 100
 45 92.8 37.5 112.7

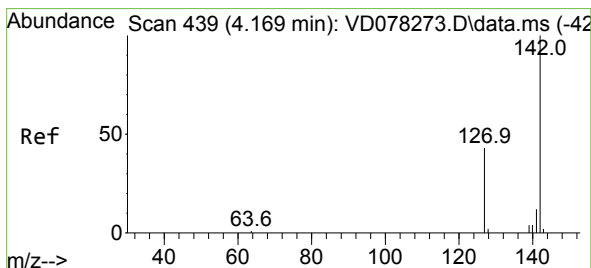
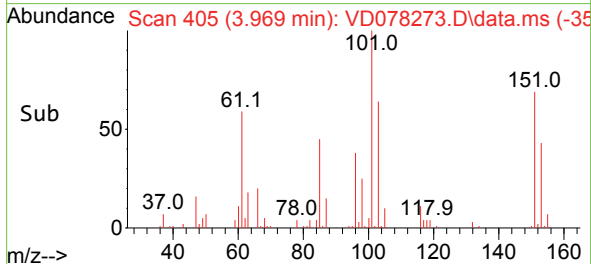
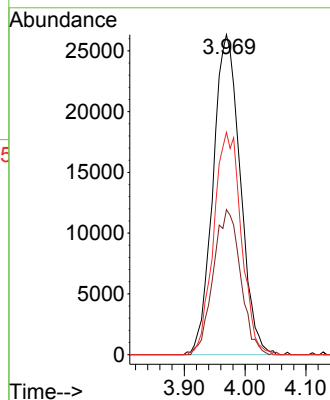
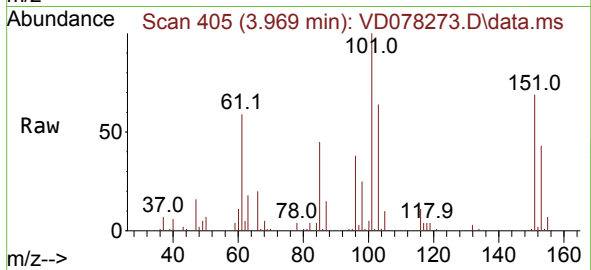




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.136 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

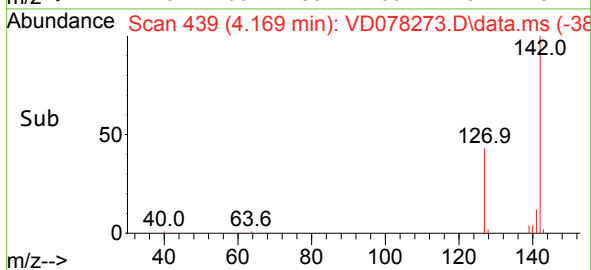
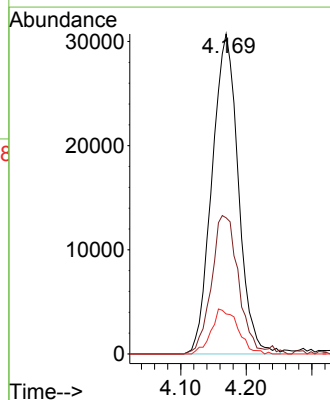
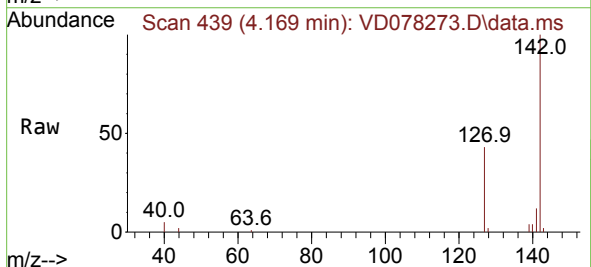
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

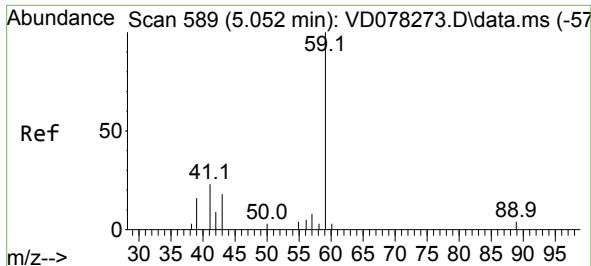
Tgt Ion:101 Resp: 81791
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 70.5 59.8 89.6



#10
Methyl Iodide
Concen: 52.980 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion:142 Resp: 85438
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 14.3 11.1 16.7





#11

Tert butyl alcohol

Concen: 221.431 ug/l

RT: 5.052 min Scan# 589

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

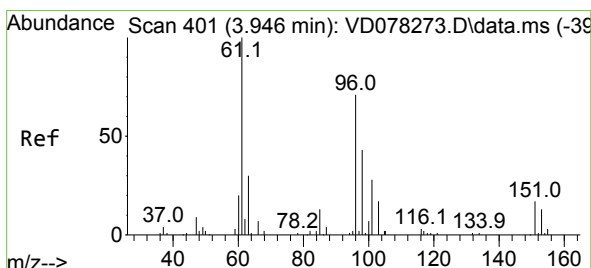
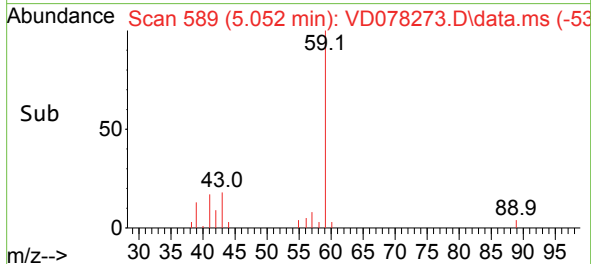
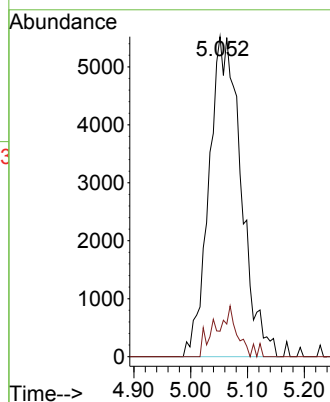
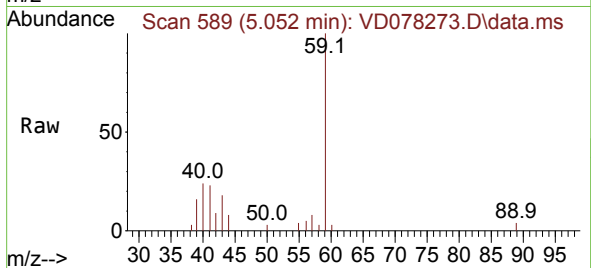
VSTDICCC050

Tgt Ion: 59 Resp: 21741

Ion Ratio Lower Upper

59 100

57 4.2 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 48.044 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

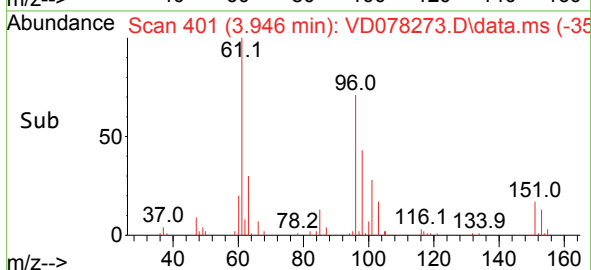
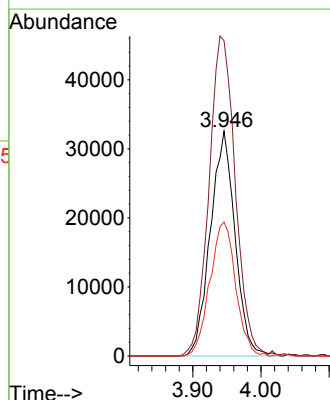
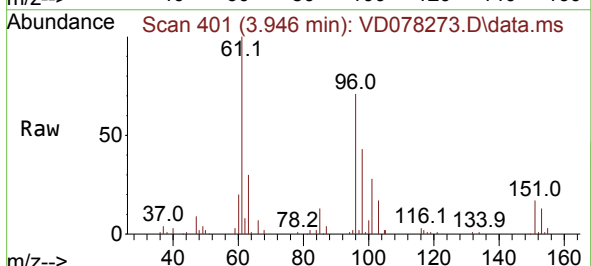
Tgt Ion: 96 Resp: 82183

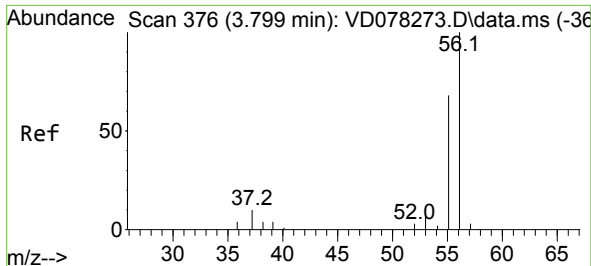
Ion Ratio Lower Upper

96 100

61 140.3 100.6 150.8

98 59.7 50.2 75.2





#13

Acrolein

Concen: 223.744 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

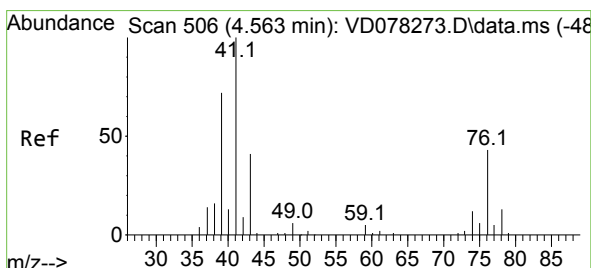
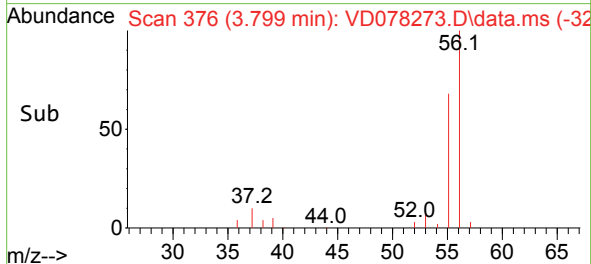
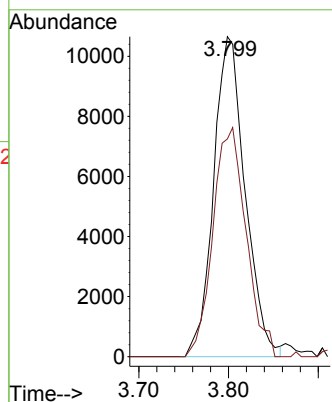
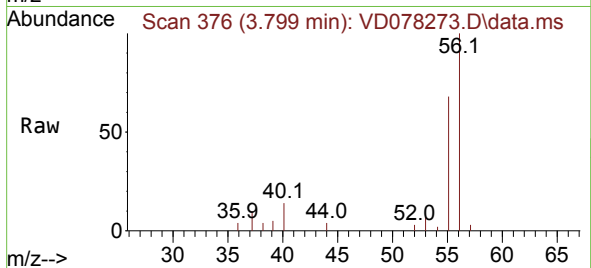
VSTDICCC050

Tgt Ion: 56 Resp: 26031

Ion Ratio Lower Upper

56 100

55 75.0 55.1 82.7



#14

Allyl chloride

Concen: 49.269 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

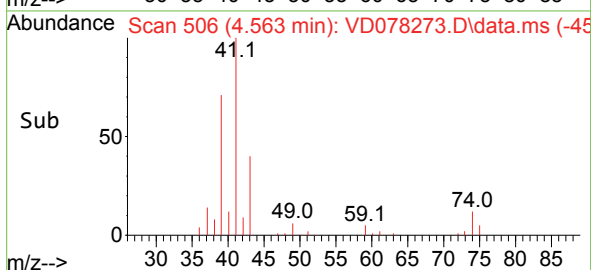
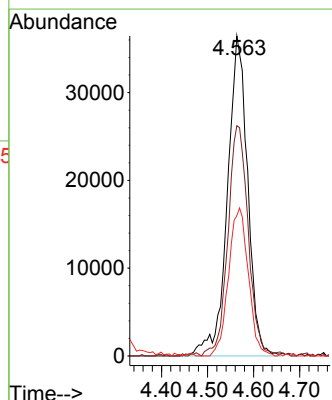
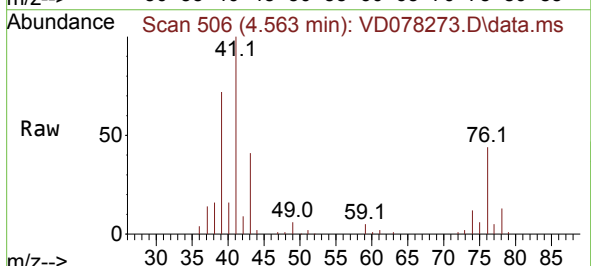
Tgt Ion: 41 Resp: 111117

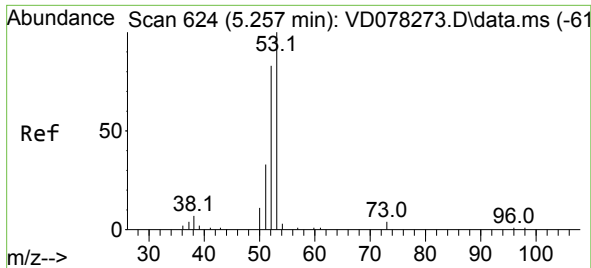
Ion Ratio Lower Upper

41 100

39 72.1 53.8 80.6

76 45.2 45.8 68.8#

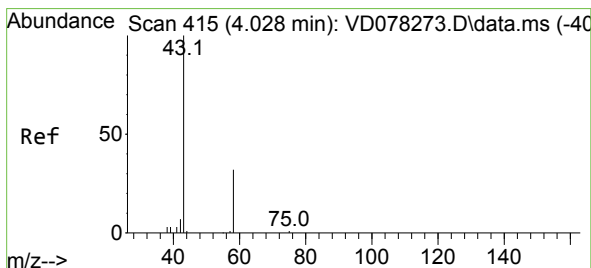
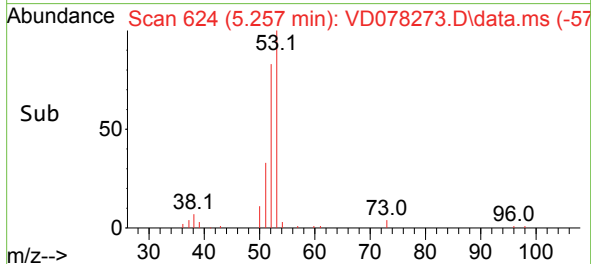
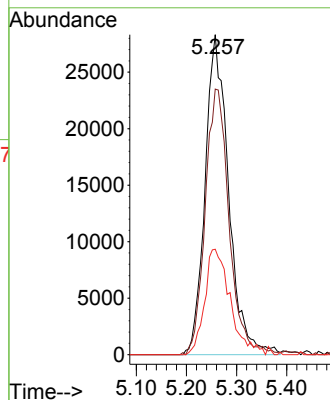
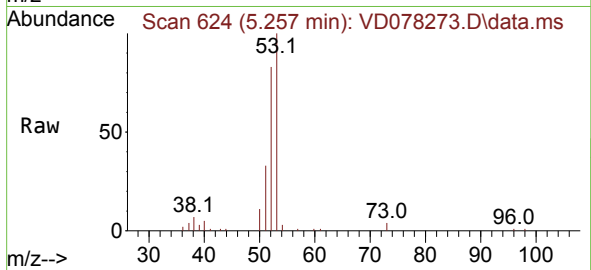




#15
Acrylonitrile
Concen: 244.214 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

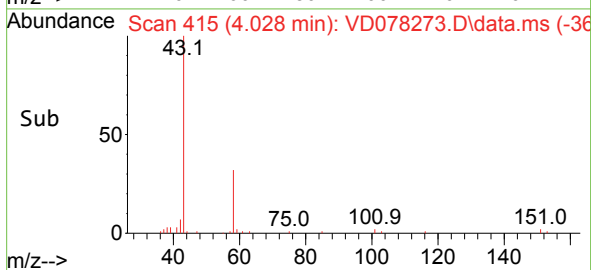
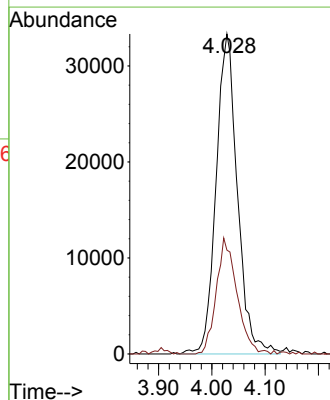
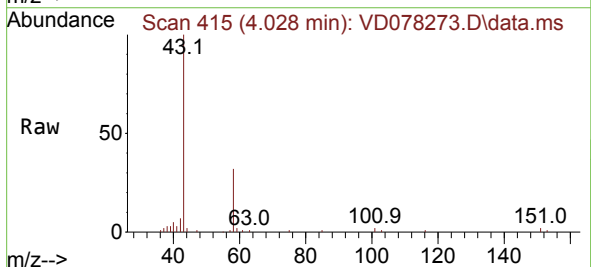
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

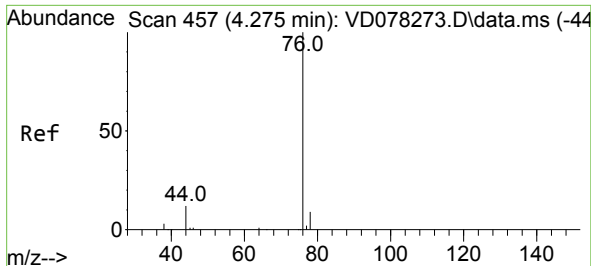
Tgt Ion:	53	Resp:	92243
Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.0	97.4
51	35.7	28.3	42.5



#16
Acetone
Concen: 257.327 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion:	43	Resp:	92694
Ion	Ratio	Lower	Upper
43	100		
58	32.4	34.7	52.1#

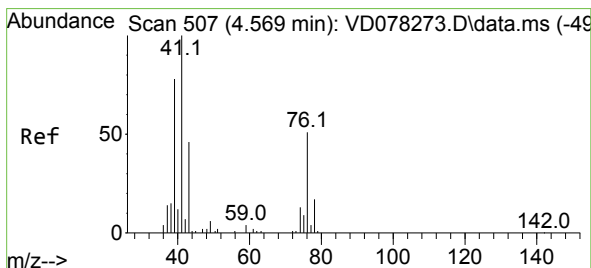
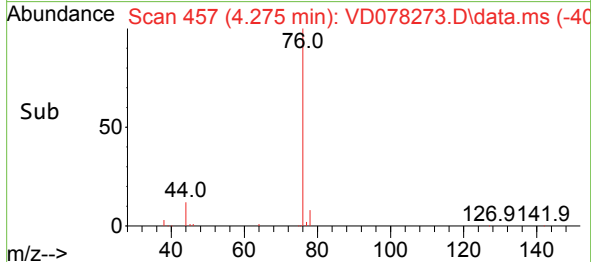
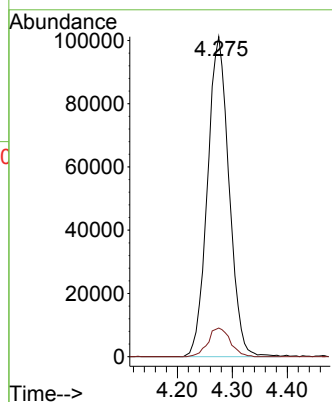
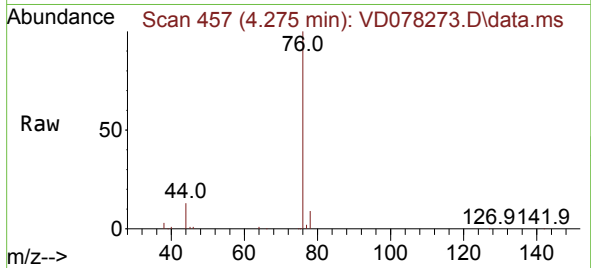




#17
Carbon Disulfide
Concen: 47.672 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

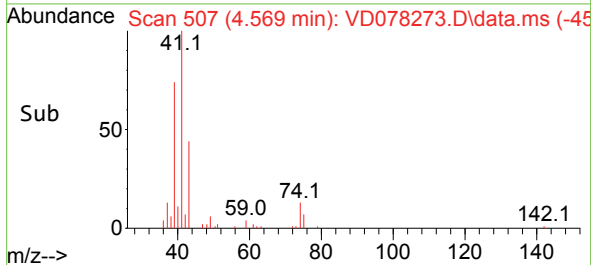
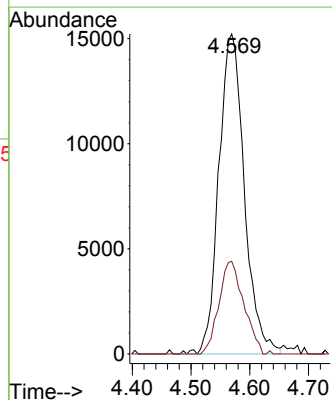
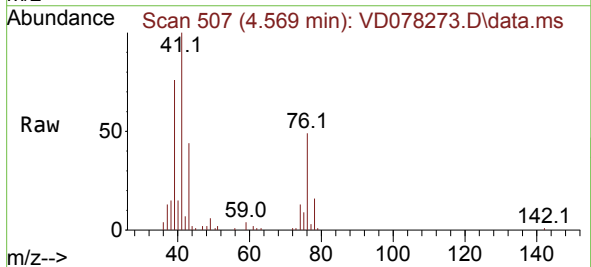
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

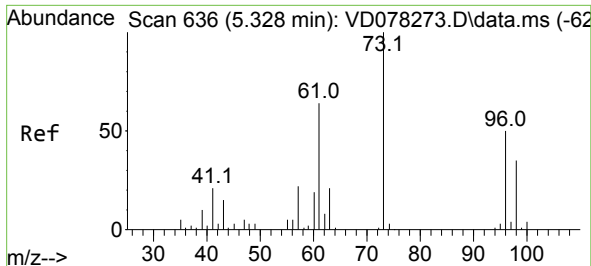
Tgt Ion: 76 Resp: 275298
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 55.936 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 43 Resp: 45892
Ion Ratio Lower Upper
43 100
74 28.2 26.4 39.6

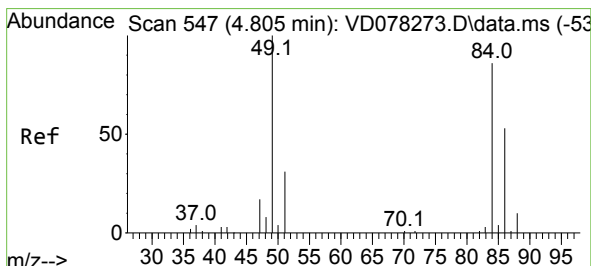
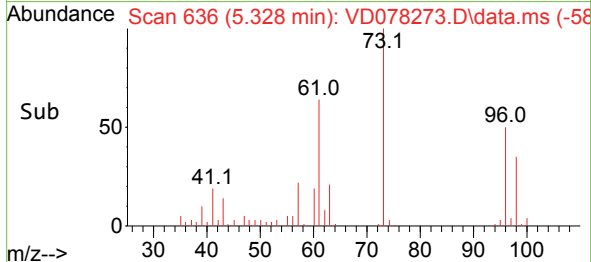
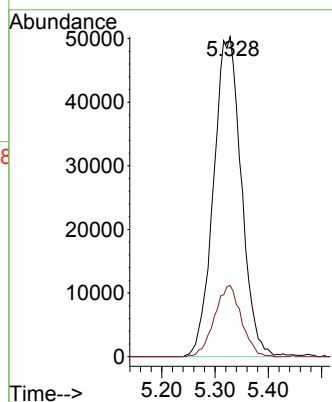
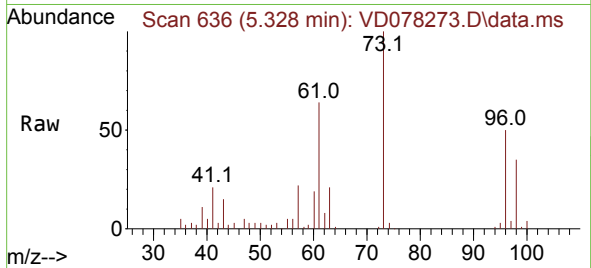




#19
Methyl tert-butyl Ether
Concen: 51.019 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

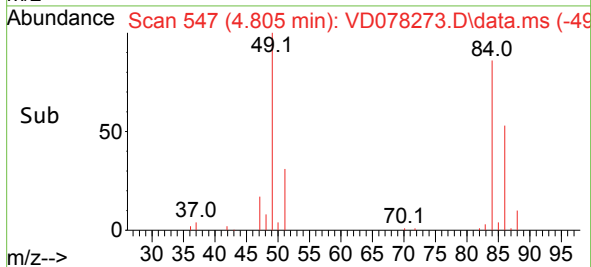
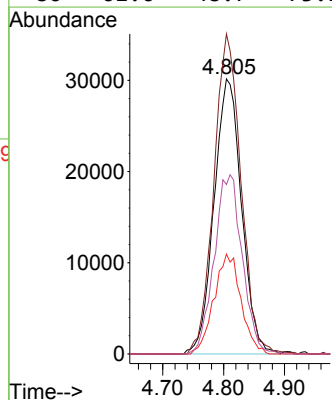
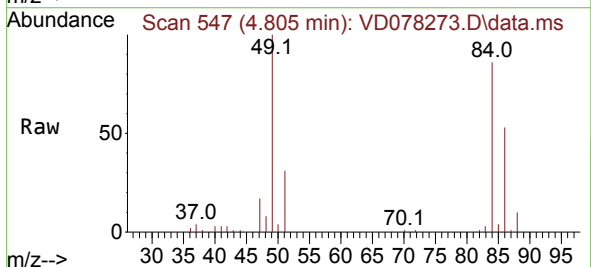
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

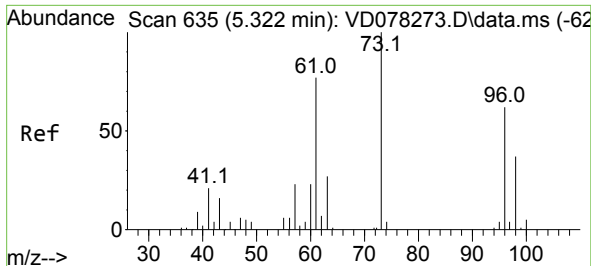
Tgt Ion: 73 Resp: 181500
Ion Ratio Lower Upper
73 100
57 22.3 16.6 25.0



#20
Methylene Chloride
Concen: 50.790 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 84 Resp: 94627
Ion Ratio Lower Upper
84 100
49 116.4 71.4 107.2#
51 36.3 24.5 36.7
86 61.6 48.7 73.1

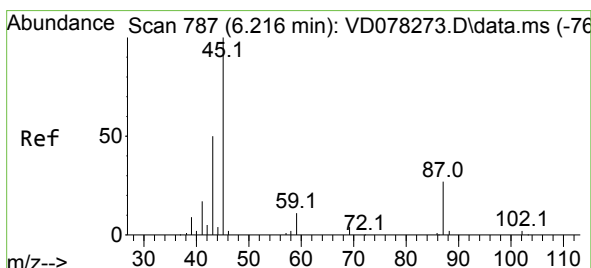
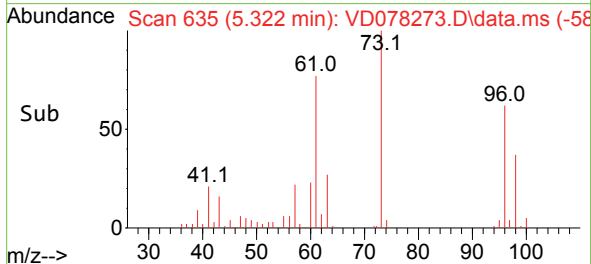
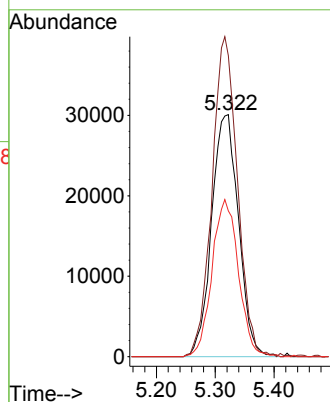
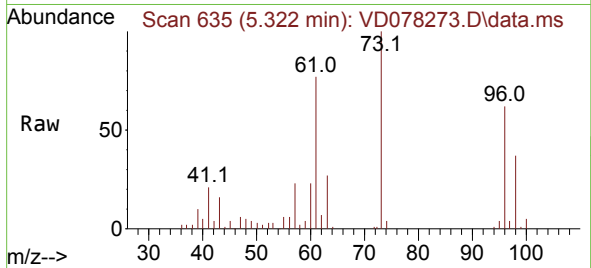




#21
trans-1,2-Dichloroethene
Concen: 49.506 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

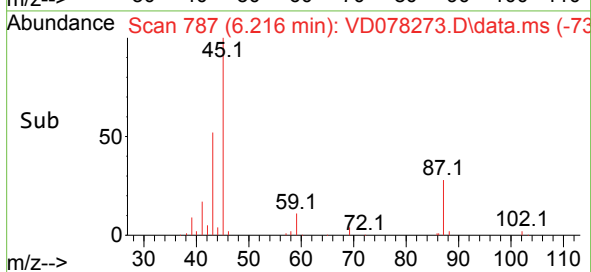
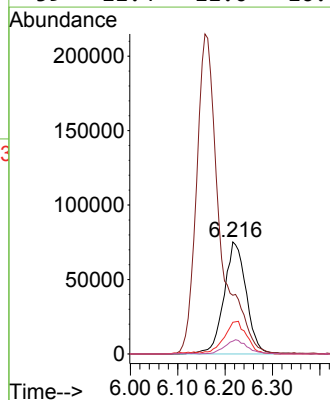
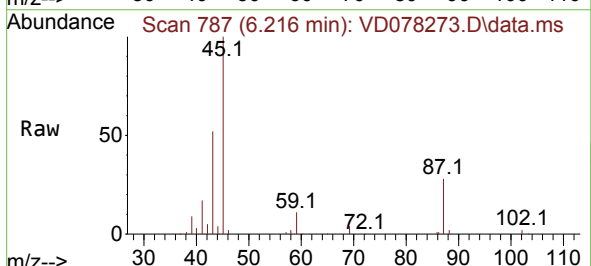
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

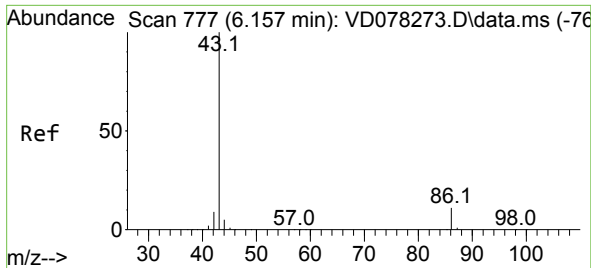
Tgt Ion: 96 Resp: 95750
Ion Ratio Lower Upper
96 100
61 124.3 89.3 133.9
98 60.2 48.6 73.0



#22
Diisopropyl ether
Concen: 50.958 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 45 Resp: 244543
Ion Ratio Lower Upper
45 100
43 51.5 40.0 60.0
87 28.3 28.2 42.4
59 11.4 11.0 16.4

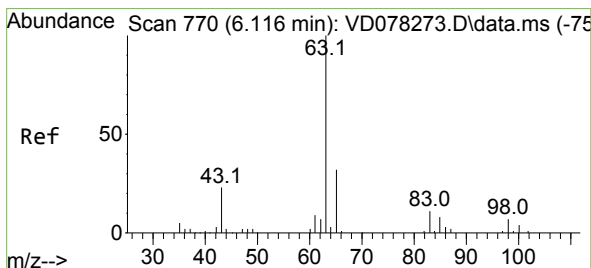
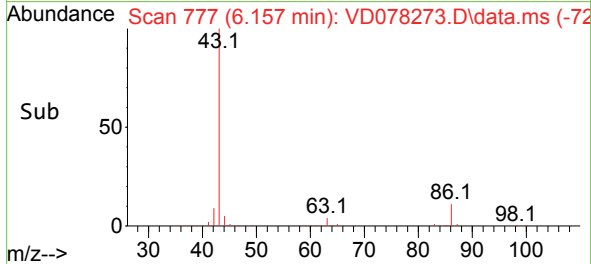
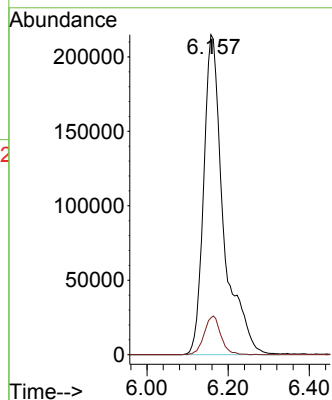
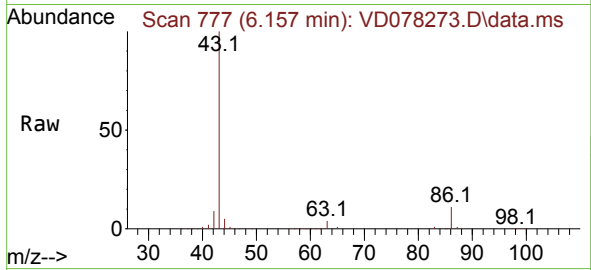




#23
 Vinyl Acetate
 Concen: 248.985 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

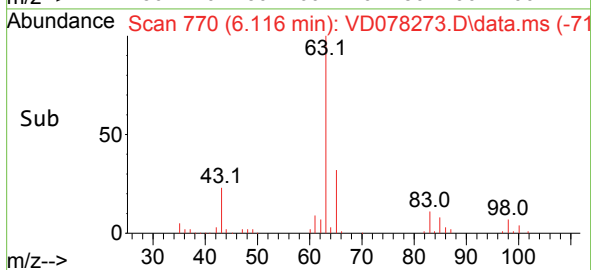
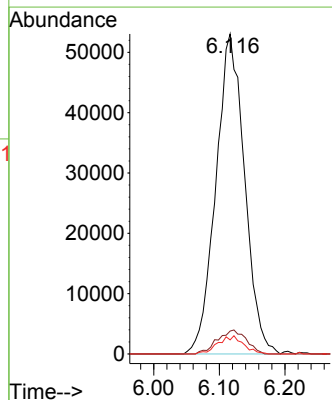
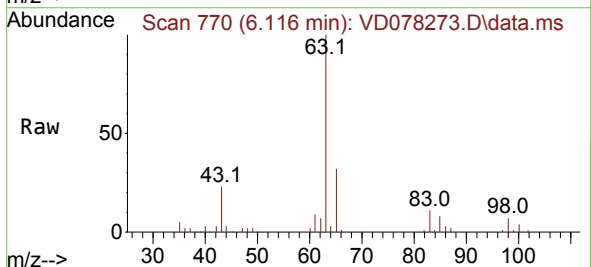
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

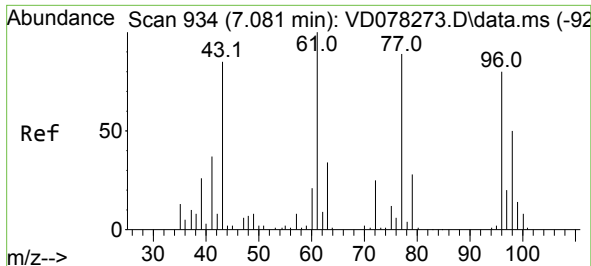
Tgt Ion: 43 Resp: 728986
 Ion Ratio Lower Upper
 43 100
 86 11.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 48.489 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

Tgt Ion: 63 Resp: 161089
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 236.631 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

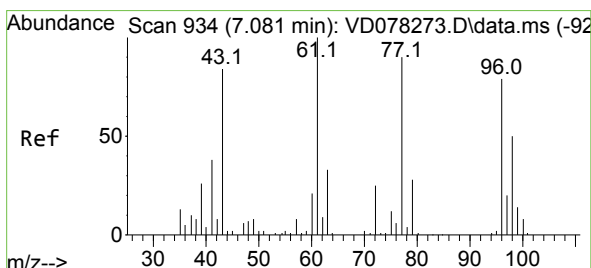
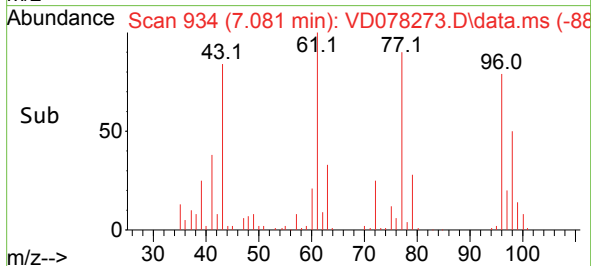
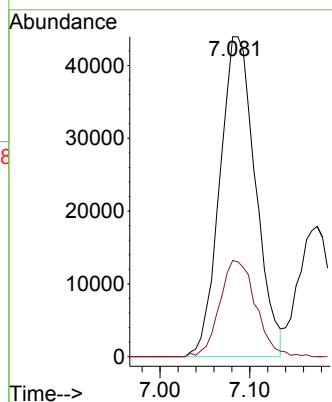
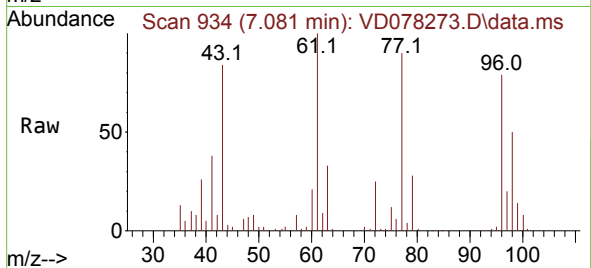
VSTDICCC050

Tgt Ion: 43 Resp: 121371

Ion Ratio Lower Upper

43 100

72 30.1 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 49.274 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078273.D

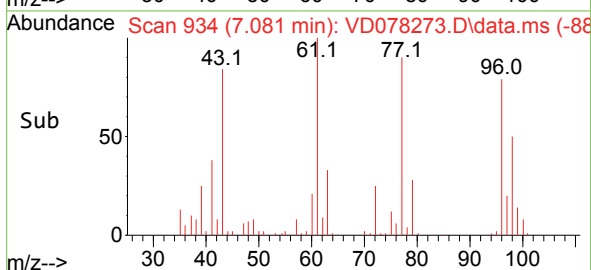
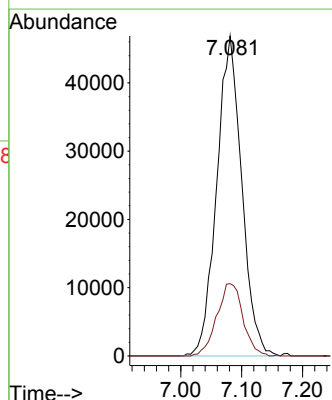
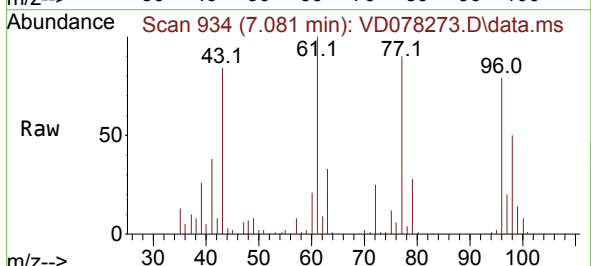
Acq: 30 Jan 2024 11:38

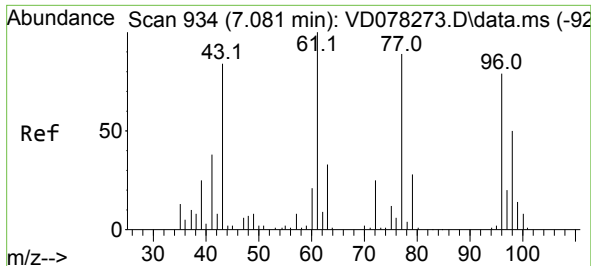
Tgt Ion: 77 Resp: 133719

Ion Ratio Lower Upper

77 100

97 23.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 49.580 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

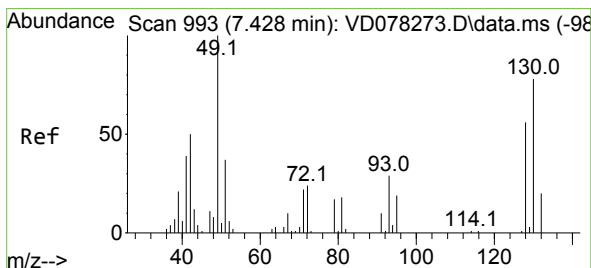
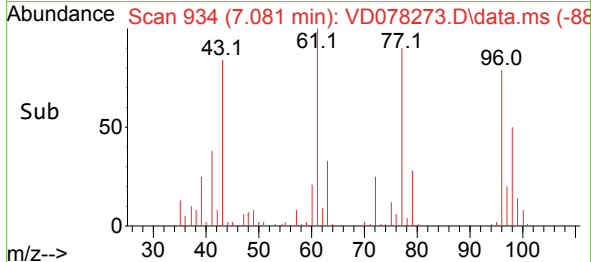
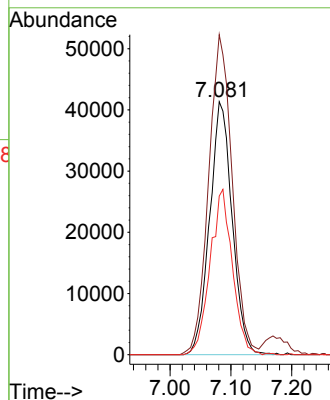
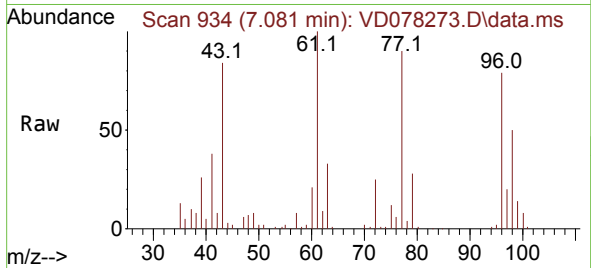
Tgt Ion: 96 Resp: 106279

Ion Ratio Lower Upper

96 100

61 132.3 0.0 239.2

98 64.6 0.0 128.6



#28

Bromochloromethane

Concen: 50.552 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

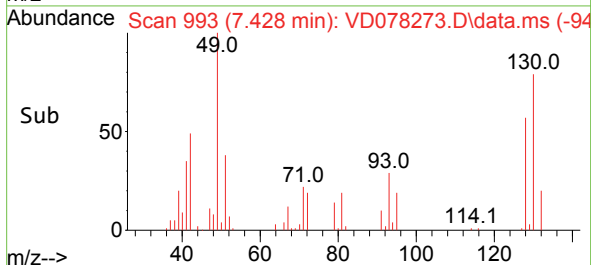
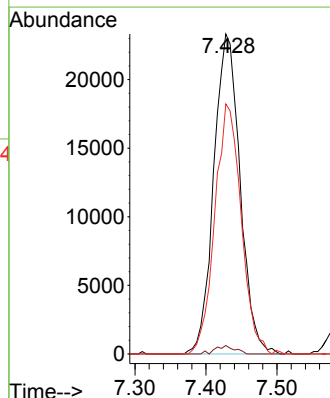
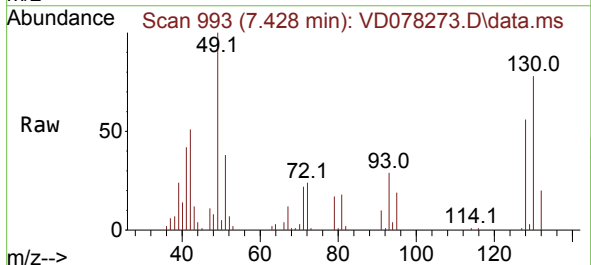
Tgt Ion: 49 Resp: 59901

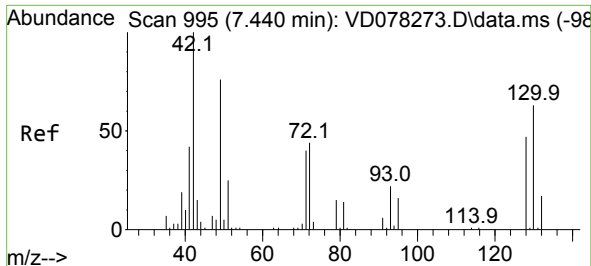
Ion Ratio Lower Upper

49 100

129 1.9 0.0 6.0

130 78.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 253.477 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

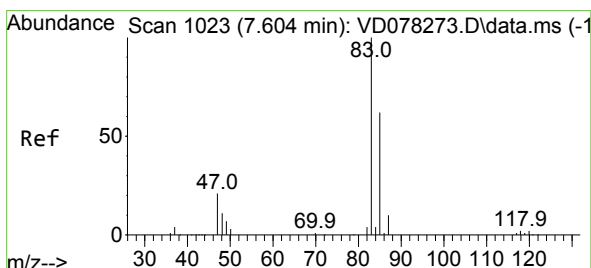
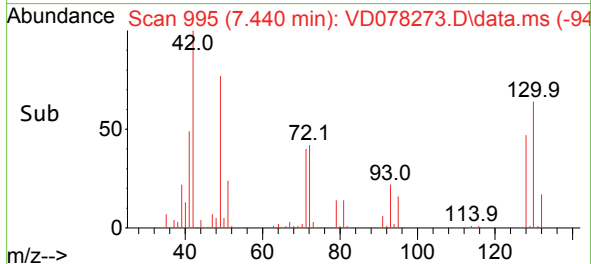
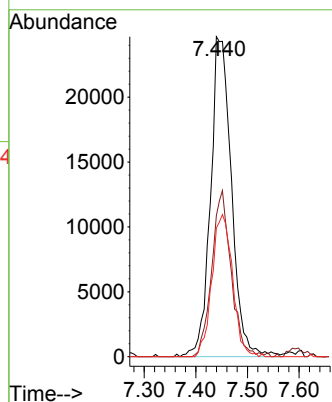
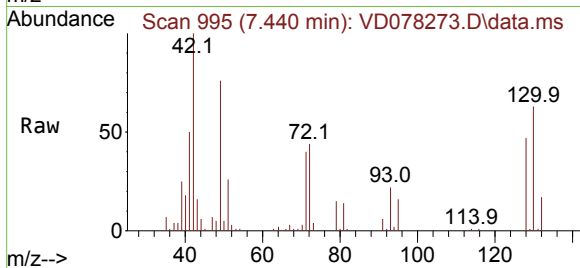
Tgt Ion: 42 Resp: 69552

Ion Ratio Lower Upper

42 100

72 48.0 46.5 69.7

71 43.6 44.5 66.7#



#30

Chloroform

Concen: 49.339 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VD078273.D

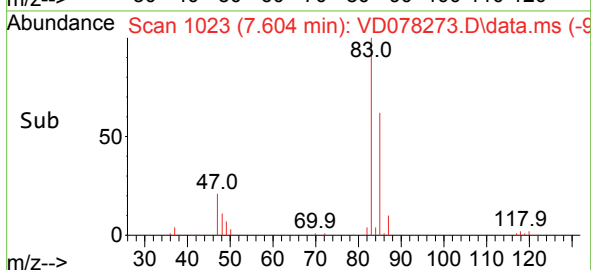
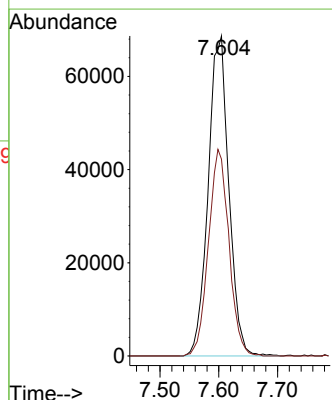
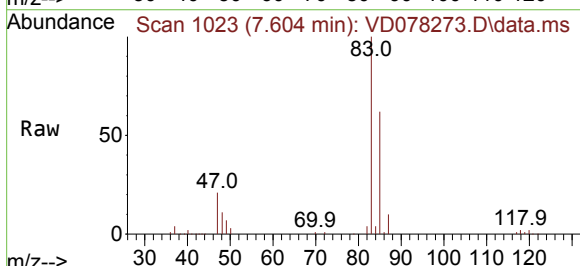
Acq: 30 Jan 2024 11:38

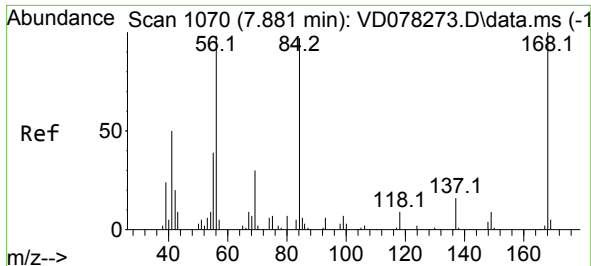
Tgt Ion: 83 Resp: 167594

Ion Ratio Lower Upper

83 100

85 61.5 53.4 80.2

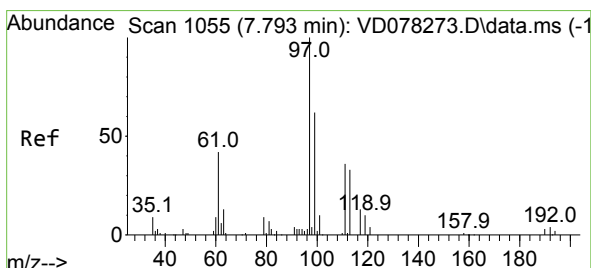
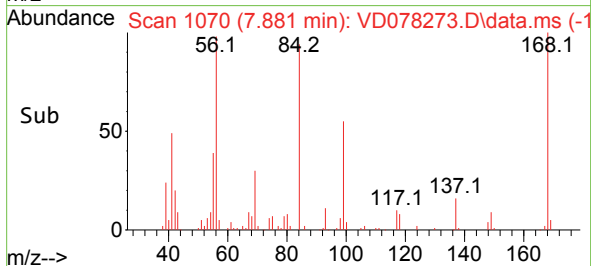
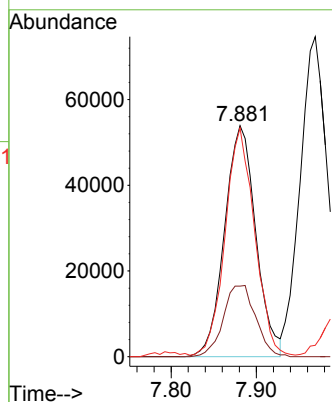
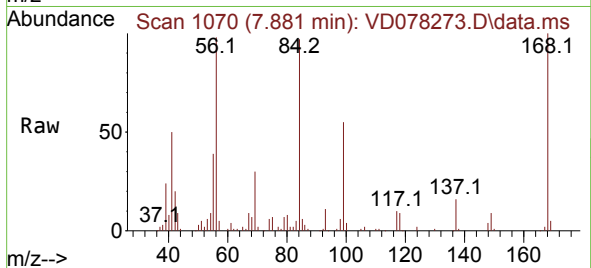




#31
Cyclohexane
Concen: 47.746 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

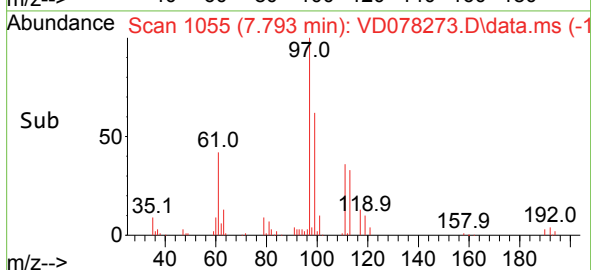
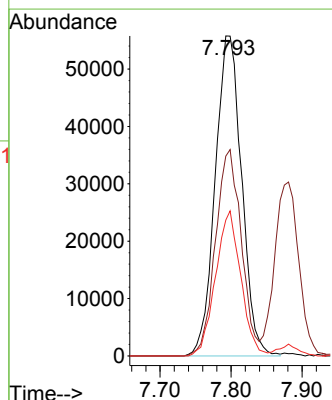
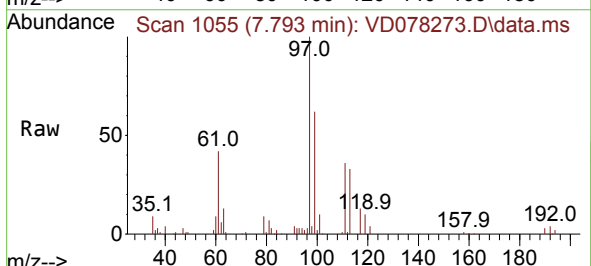
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

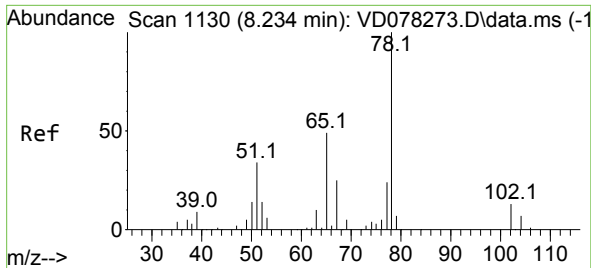
Tgt Ion: 56 Resp: 137642
Ion Ratio Lower Upper
56 100
69 30.5 28.6 43.0
84 97.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.257 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 97 Resp: 144195
Ion Ratio Lower Upper
97 100
99 62.9 52.0 78.0
61 43.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.024 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

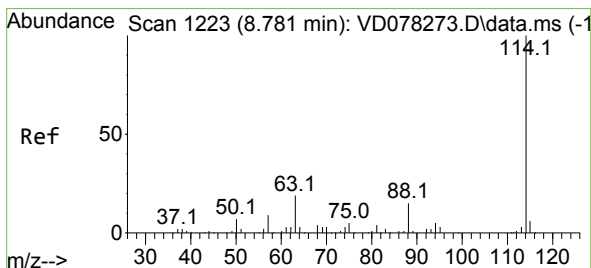
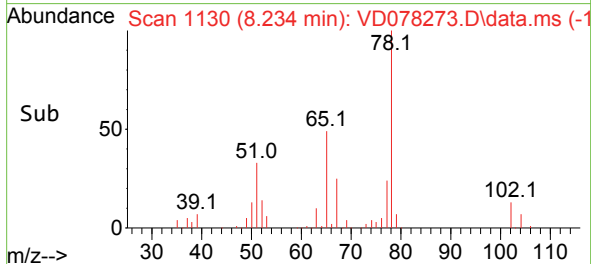
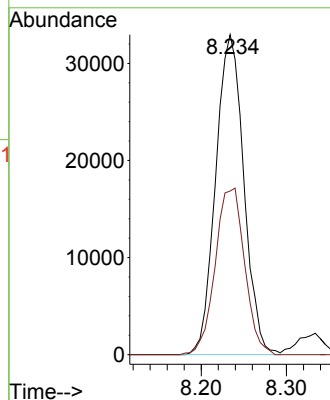
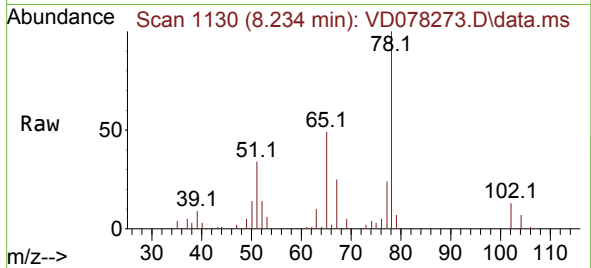
VSTDICCC050

Tgt Ion: 65 Resp: 75461

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

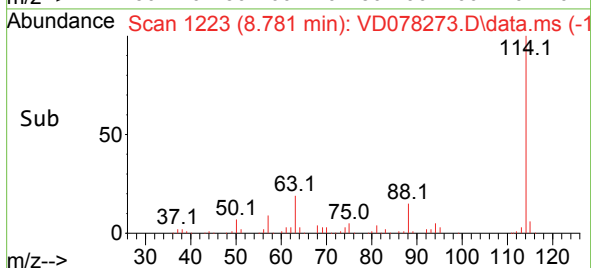
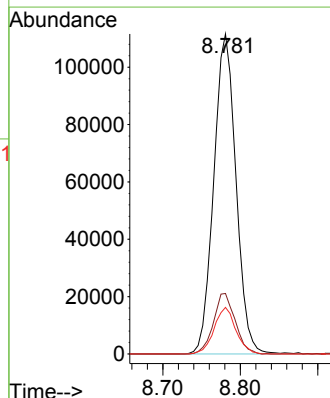
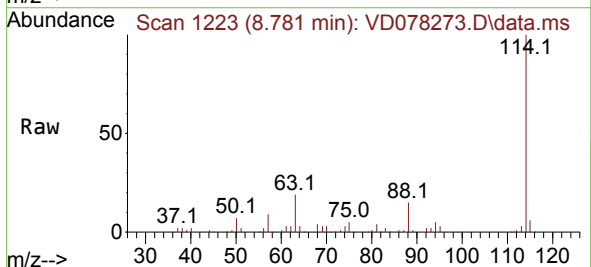
Tgt Ion: 114 Resp: 222115

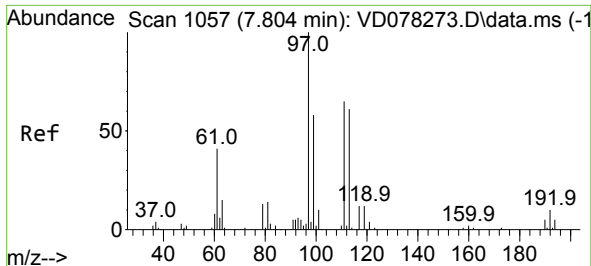
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.233 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

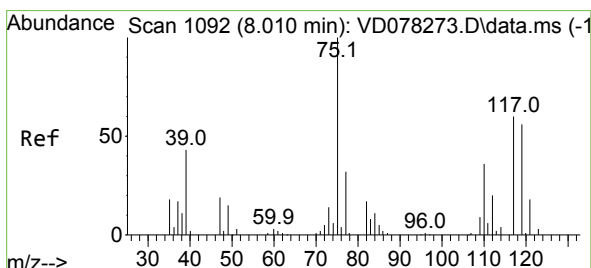
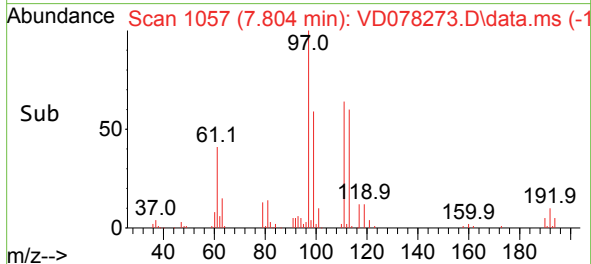
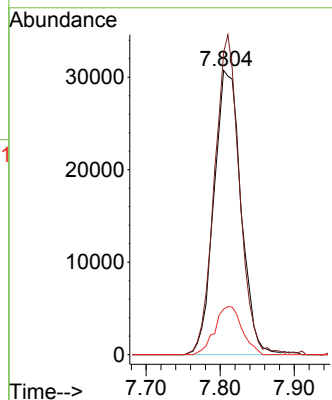
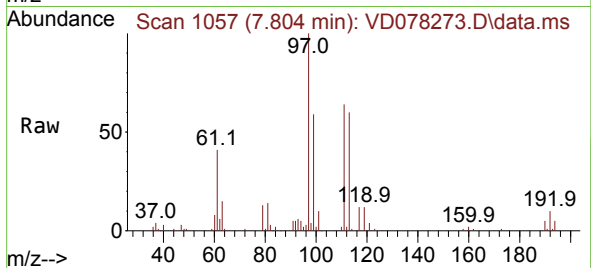
Tgt Ion:113 Resp: 77852

Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 17.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.788 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

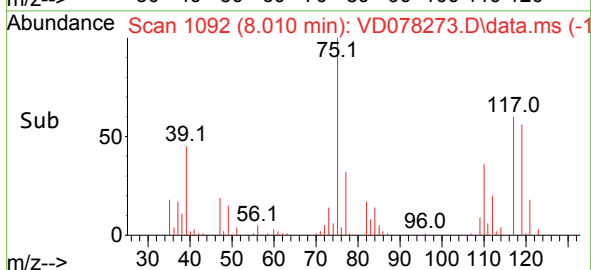
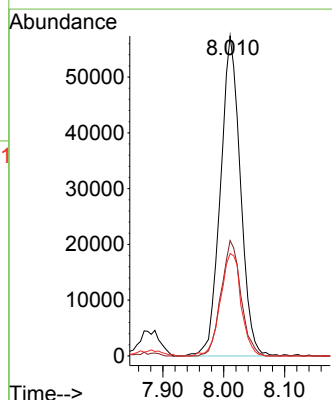
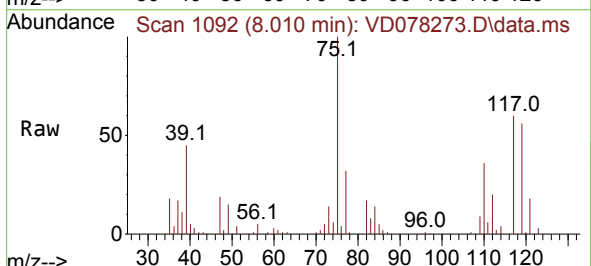
Tgt Ion: 75 Resp: 130554

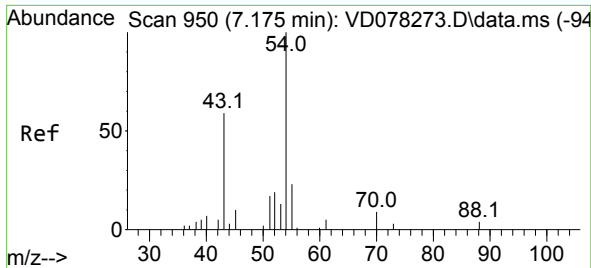
Ion Ratio Lower Upper

75 100

110 35.8 19.9 59.6

77 33.1 24.7 37.1





#37

Ethyl Acetate

Concen: 46.409 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

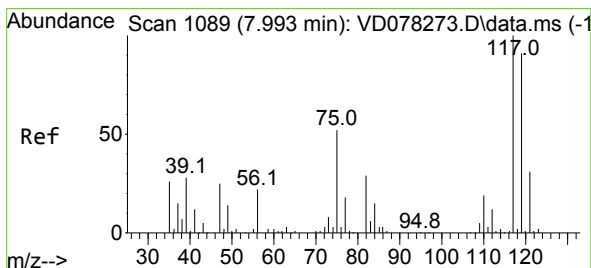
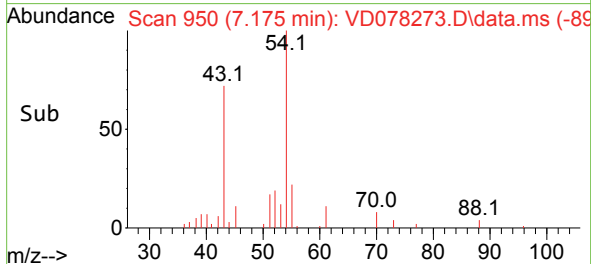
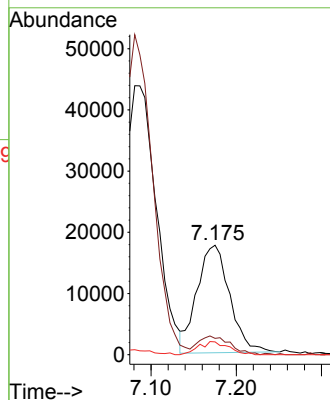
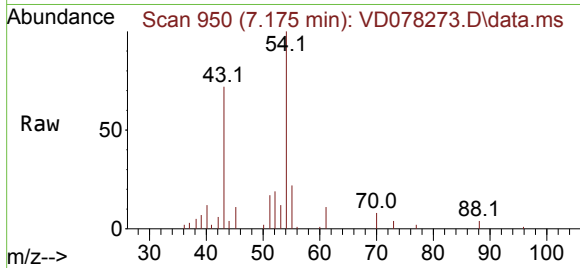
Tgt Ion: 43 Resp: 46837

Ion Ratio Lower Upper

43 100

61 16.7 14.9 22.3

70 11.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 48.904 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

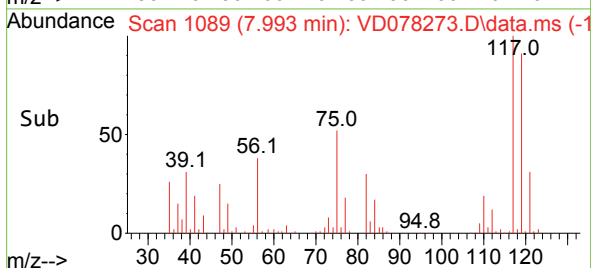
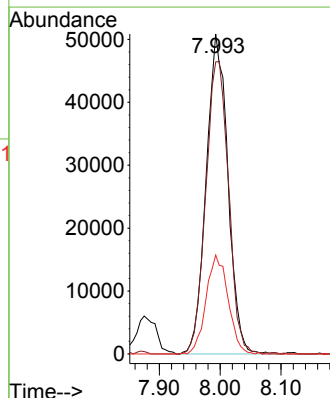
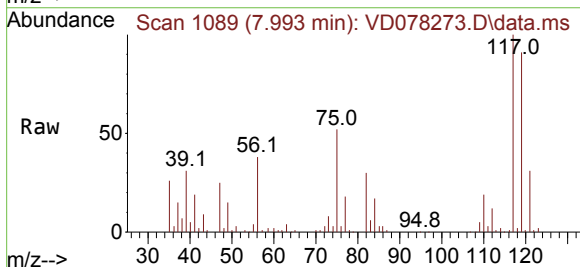
Tgt Ion: 117 Resp: 126089

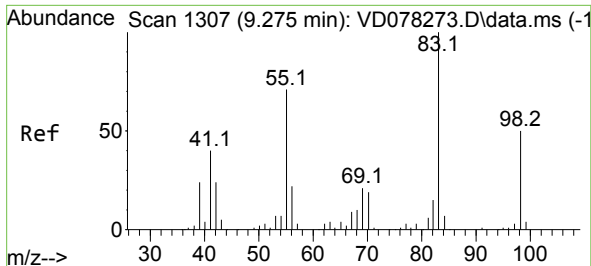
Ion Ratio Lower Upper

117 100

119 91.3 78.0 117.0

121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 49.995 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

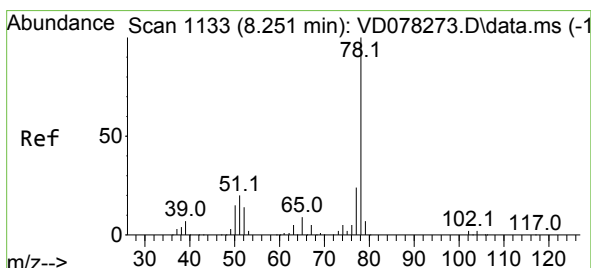
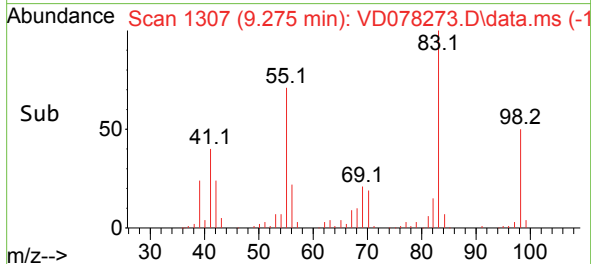
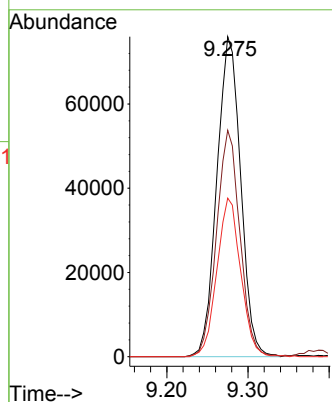
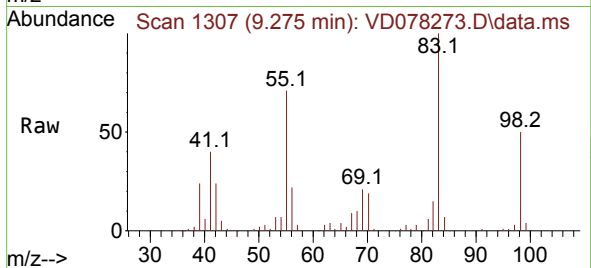
Tgt Ion: 83 Resp: 154999

Ion Ratio Lower Upper

83 100

55 70.7 49.4 74.0

98 49.5 38.4 57.6



#40

Benzene

Concen: 49.509 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078273.D

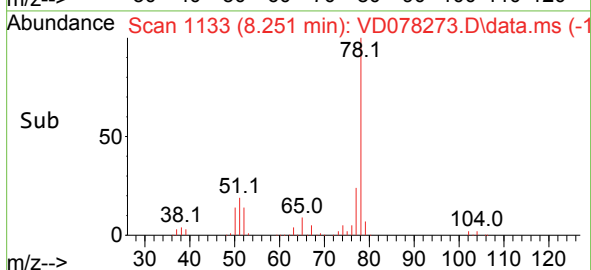
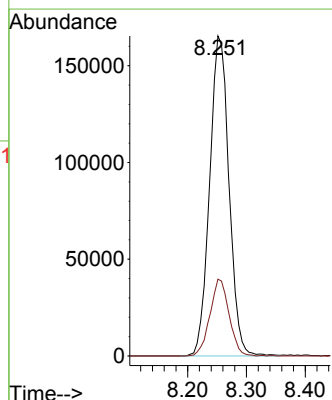
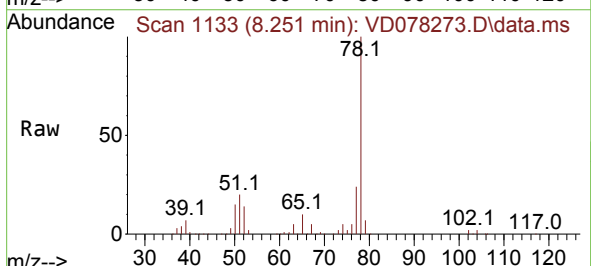
Acq: 30 Jan 2024 11:38

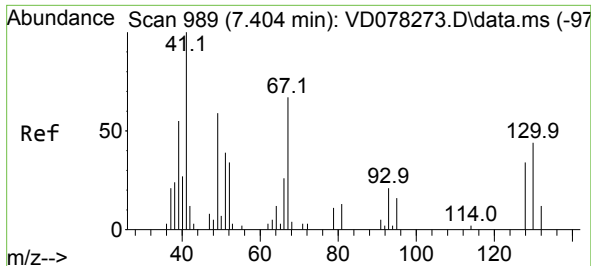
Tgt Ion: 78 Resp: 378792

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

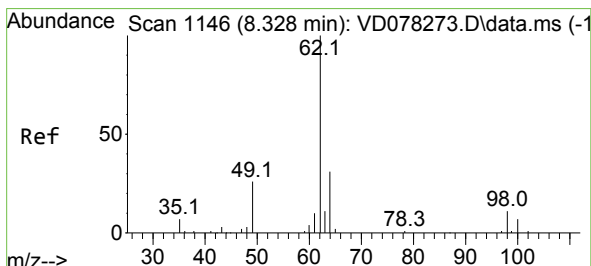
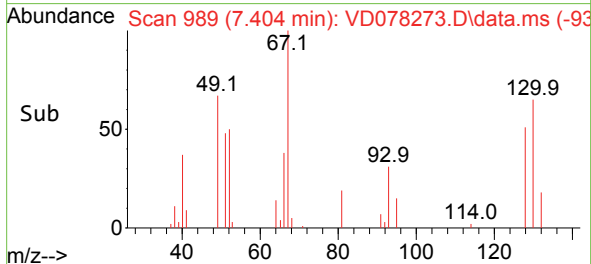
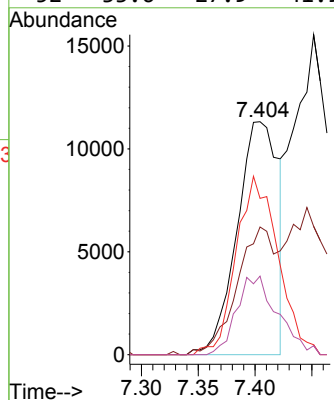
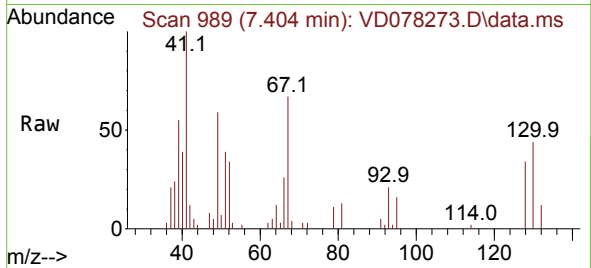




#41
Methacrylonitrile
Concen: 52.554 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

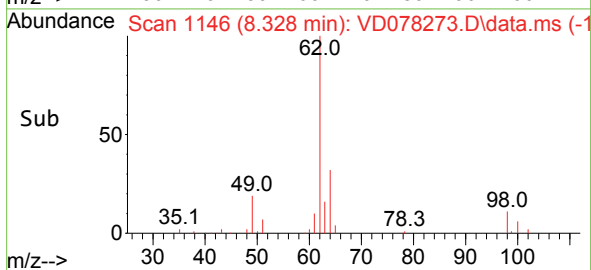
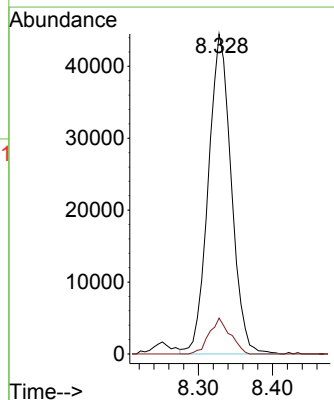
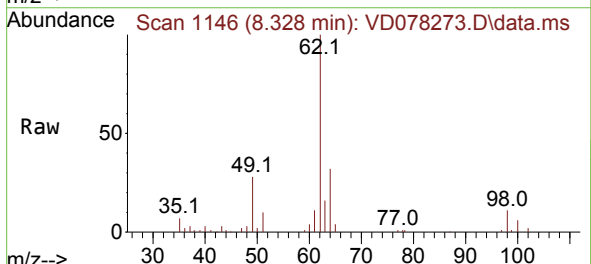
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

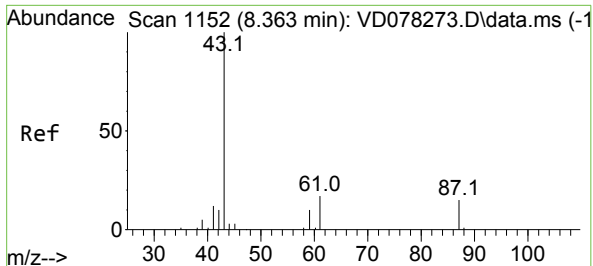
Tgt Ion:	41	Resp:	28515
Ion	Ratio	Lower	Upper
41	100		
39	48.0	34.0	51.0
67	78.0	77.0	115.4
52	33.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 48.252 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion:	62	Resp:	95751
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	25.4





#43

Isopropyl Acetate

Concen: 50.815 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

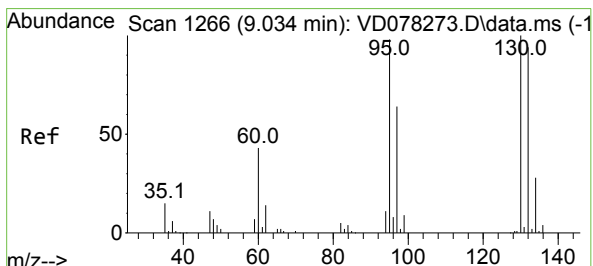
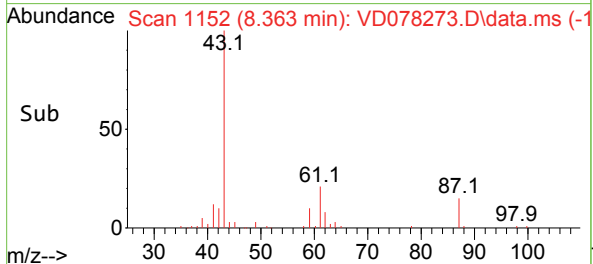
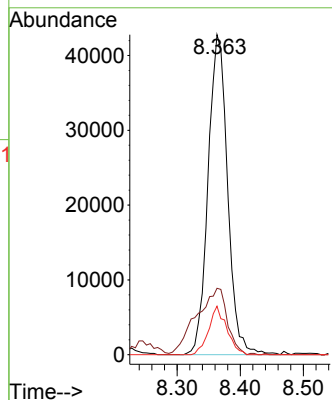
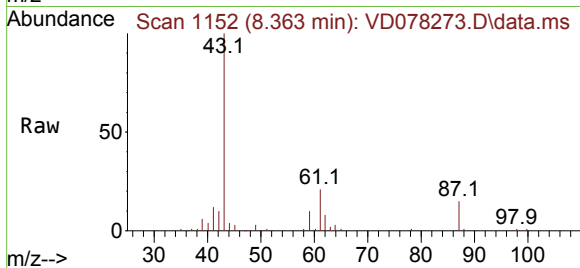
Tgt Ion: 43 Resp: 91952

Ion Ratio Lower Upper

43 100

61 32.7 31.4 47.0

87 14.0 14.9 22.3#



#44

Trichloroethene

Concen: 49.022 ug/l

RT: 9.034 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VD078273.D

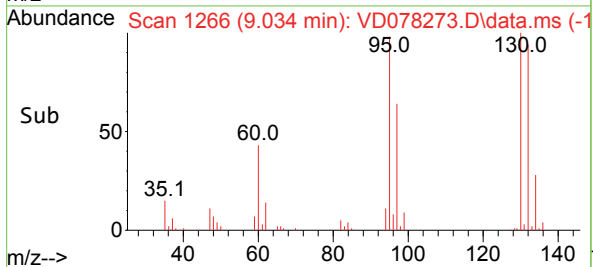
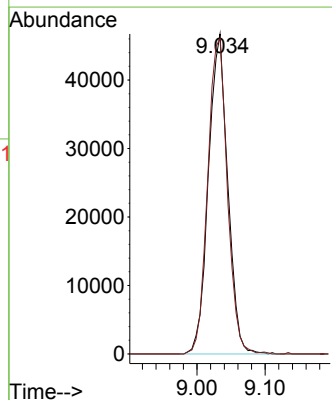
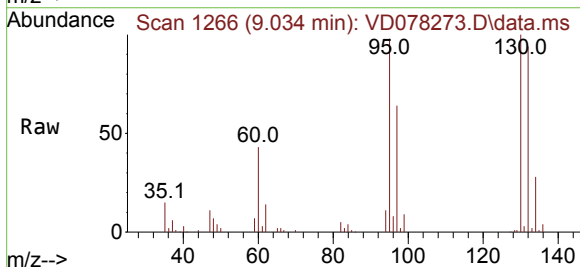
Acq: 30 Jan 2024 11:38

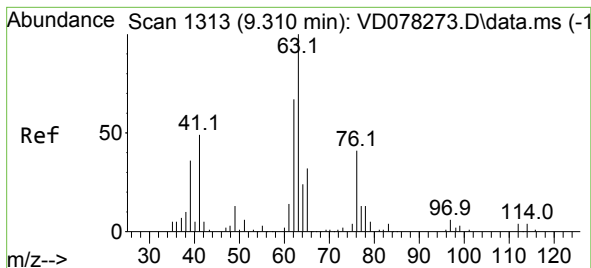
Tgt Ion:130 Resp: 92099

Ion Ratio Lower Upper

130 100

95 98.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.616 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

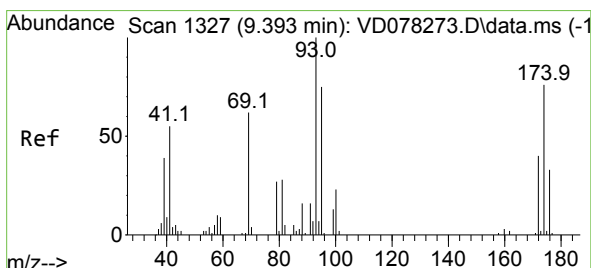
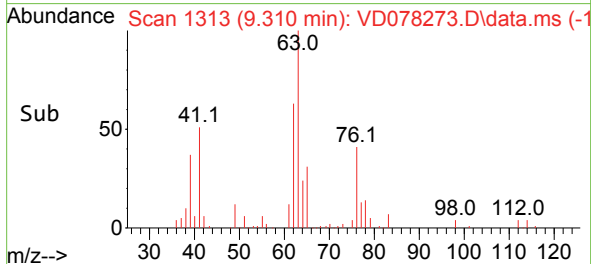
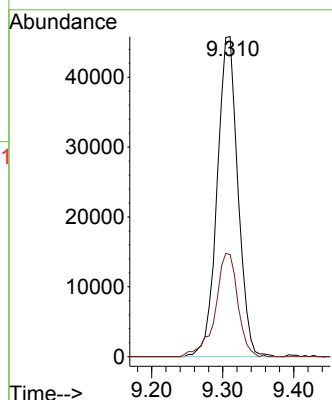
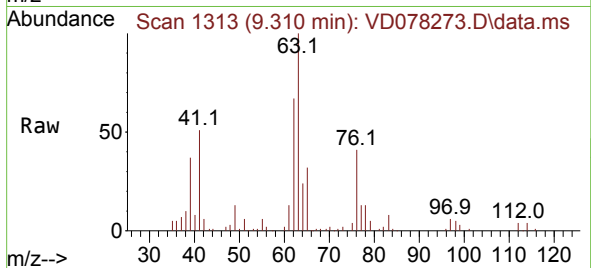
VSTDICCC050

Tgt Ion: 63 Resp: 92816

Ion Ratio Lower Upper

63 100

65 31.9 24.5 36.7



#46

Dibromomethane

Concen: 49.276 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

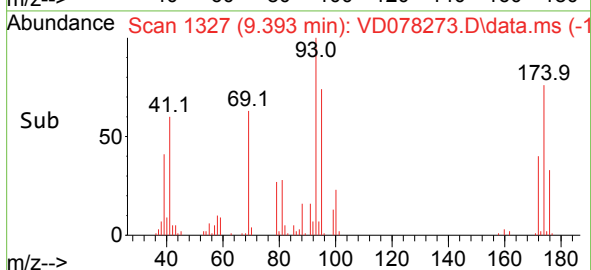
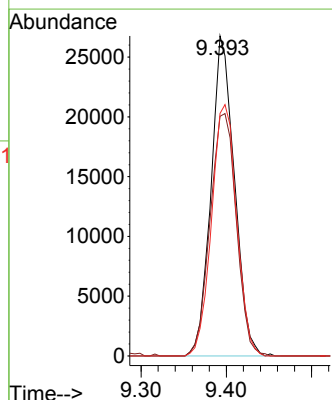
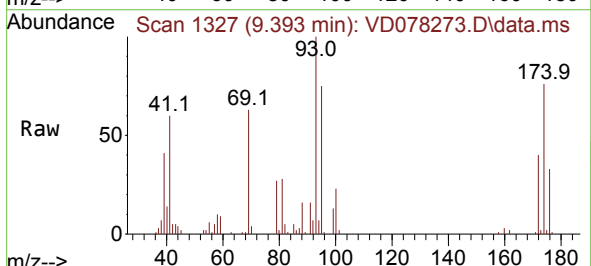
Tgt Ion: 93 Resp: 51145

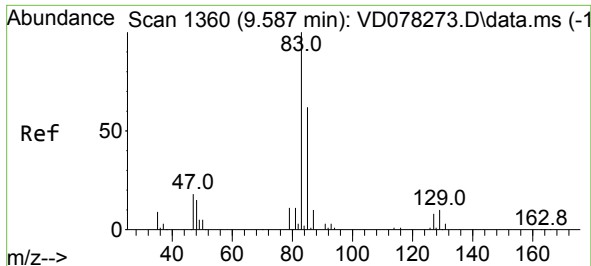
Ion Ratio Lower Upper

93 100

95 84.8 67.7 101.5

174 84.2 85.4 128.2#





#47

Bromodichloromethane

Concen: 50.385 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

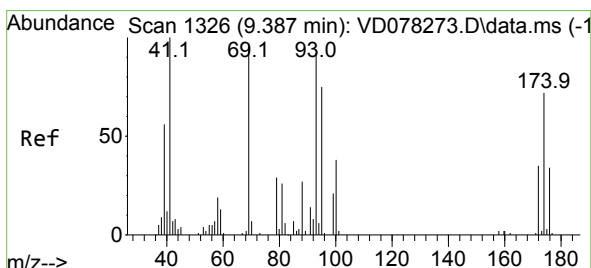
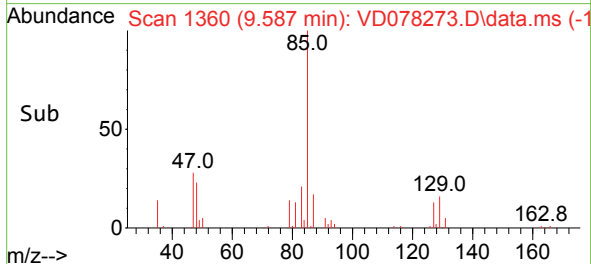
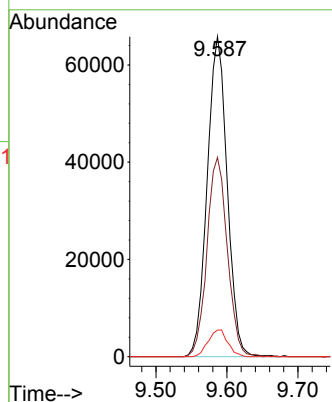
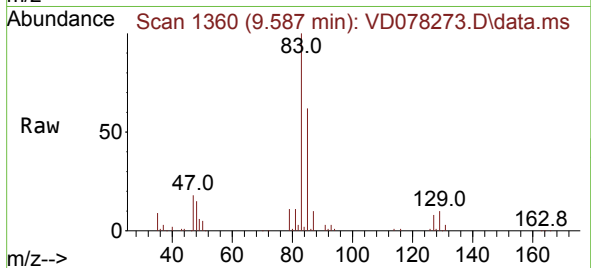
Tgt Ion: 83 Resp: 128664

Ion Ratio Lower Upper

83 100

85 62.2 50.2 75.4

127 8.3 6.3 9.5



#48

Methyl methacrylate

Concen: 51.101 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

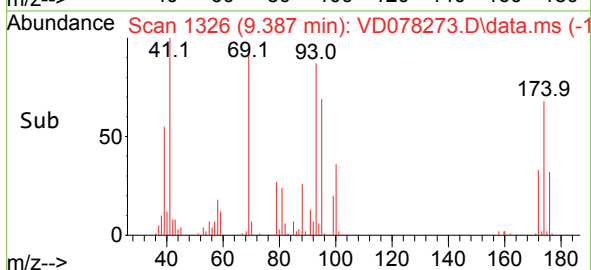
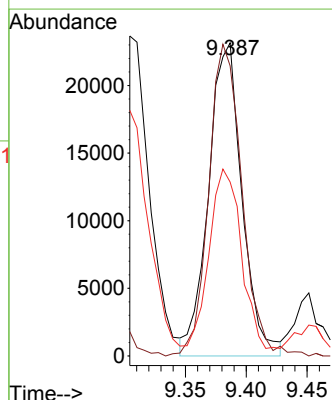
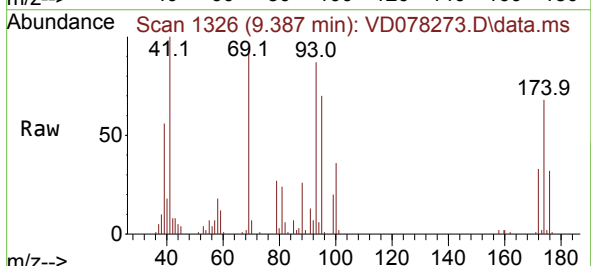
Tgt Ion: 41 Resp: 44186

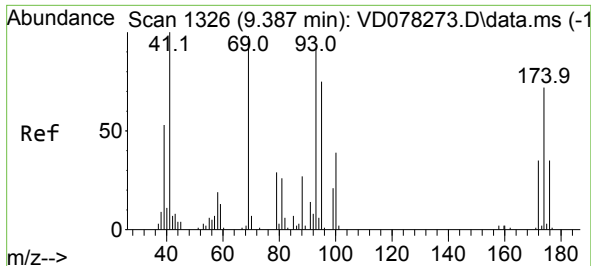
Ion Ratio Lower Upper

41 100

69 99.2 102.2 153.2#

39 55.4 41.4 62.2





#49

1,4-Dioxane

Concen: 966.936 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

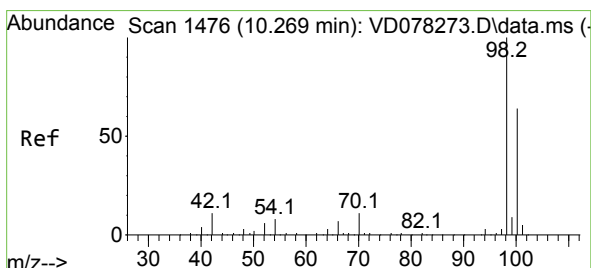
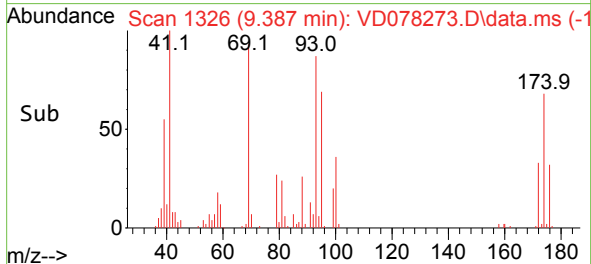
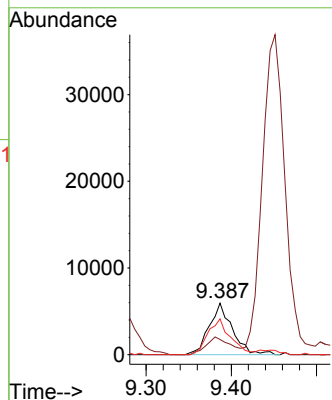
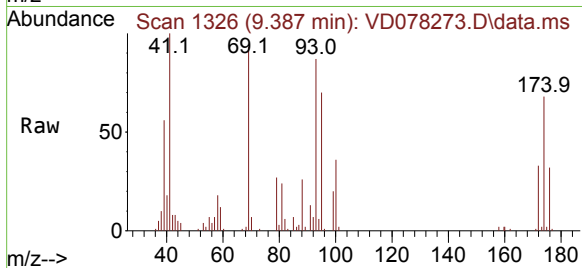
Tgt Ion: 88 Resp: 11258

Ion Ratio Lower Upper

88 100

43 35.6 19.0 28.6#

58 67.0 43.5 65.3#



#50

Toluene-d8

Concen: 51.802 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078273.D

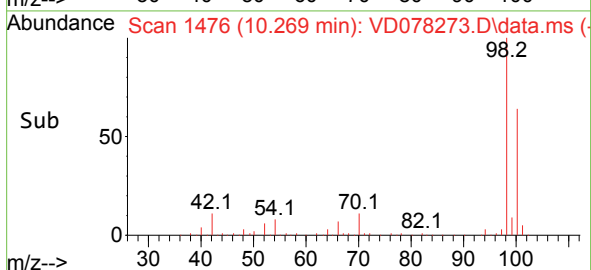
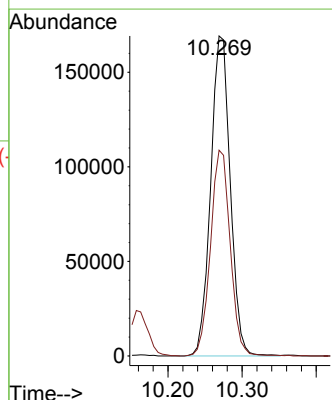
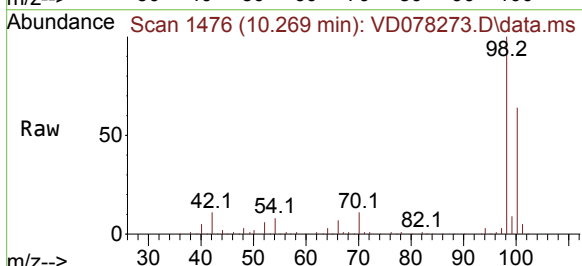
Acq: 30 Jan 2024 11:38

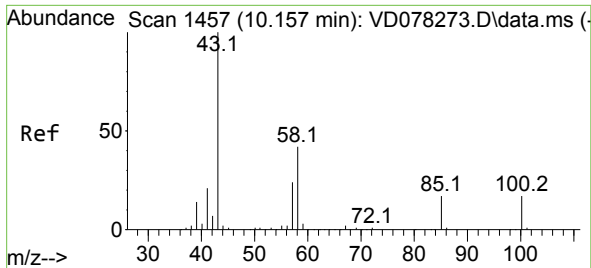
Tgt Ion: 98 Resp: 310130

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

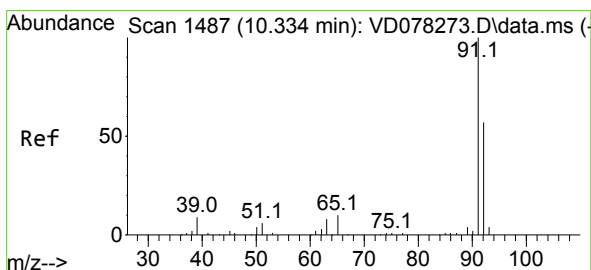
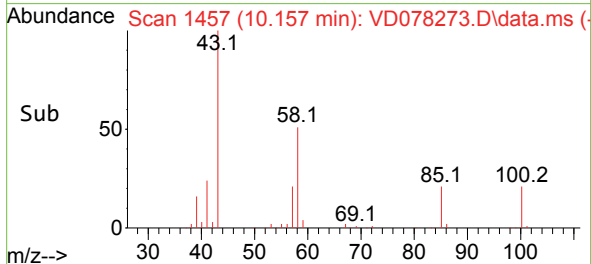
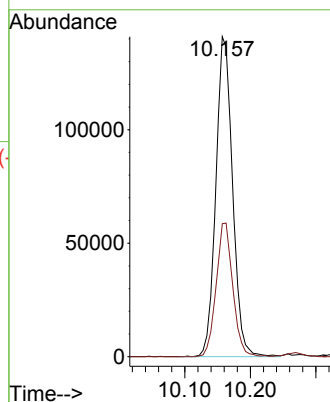
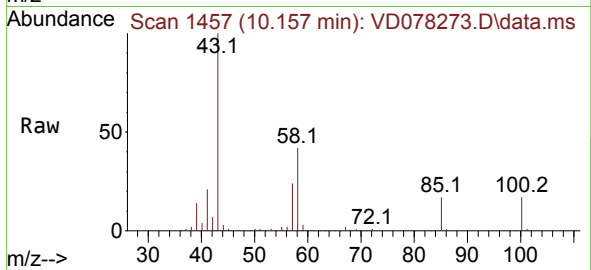




#51
4-Methyl-2-Pentanone
Concen: 254.267 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

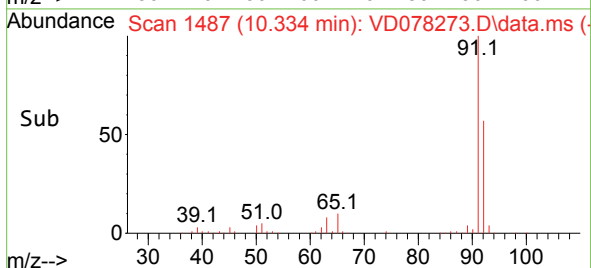
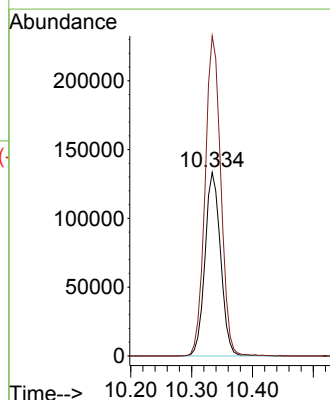
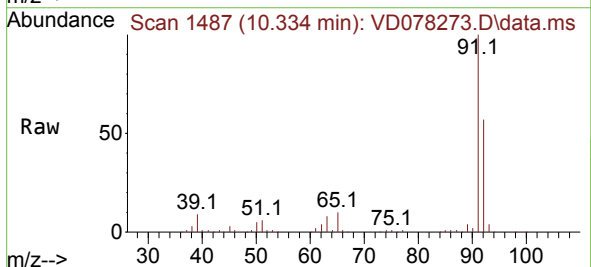
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

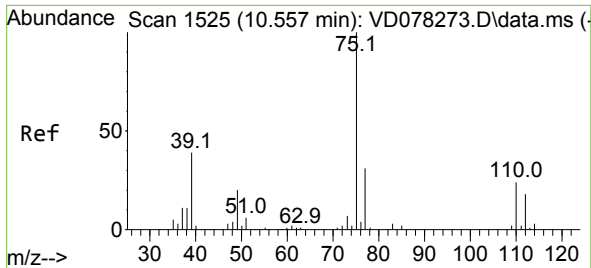
Tgt Ion: 43 Resp: 248900
Ion Ratio Lower Upper
43 100
58 41.7 38.9 58.3



#52
Toluene
Concen: 51.227 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 92 Resp: 237733
Ion Ratio Lower Upper
92 100
91 175.7 143.0 214.4

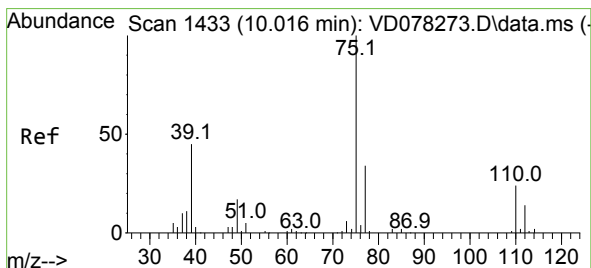
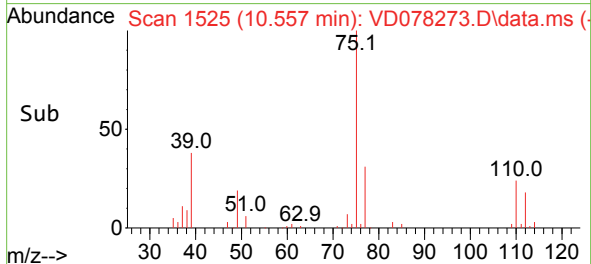
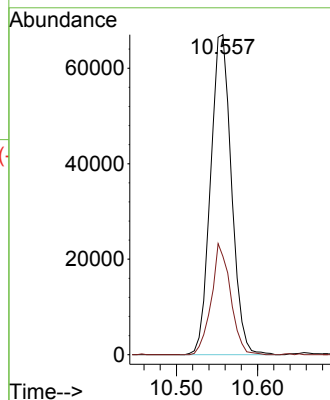
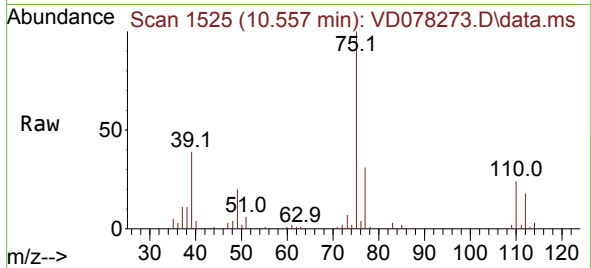




#53
t-1,3-Dichloropropene
Concen: 50.317 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

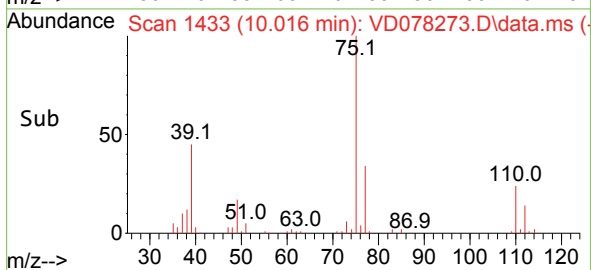
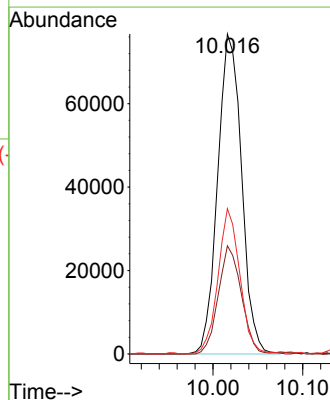
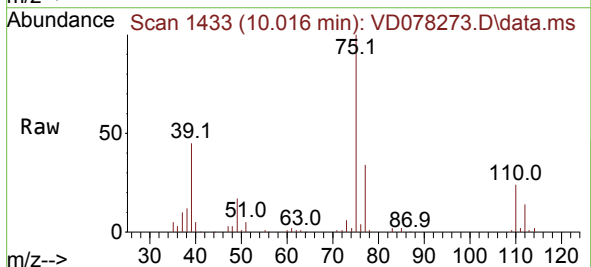
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

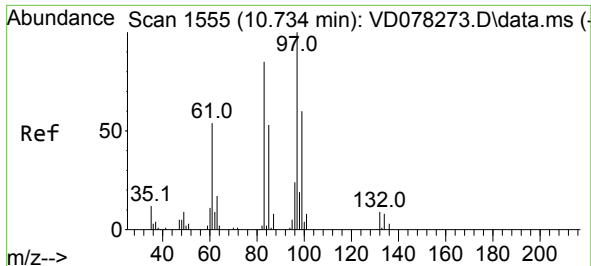
Tgt Ion: 75 Resp: 120018
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.282 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 75 Resp: 141986
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3
39 45.4 22.1 33.1#

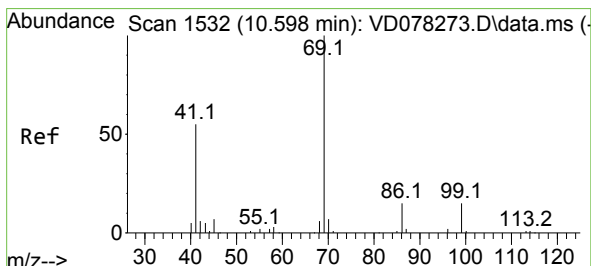
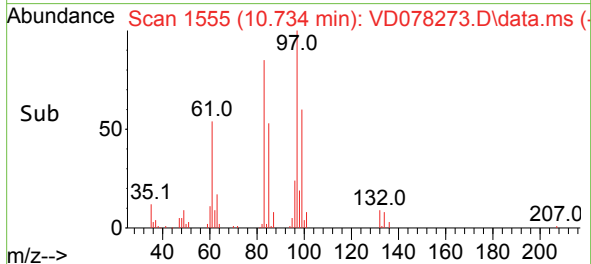
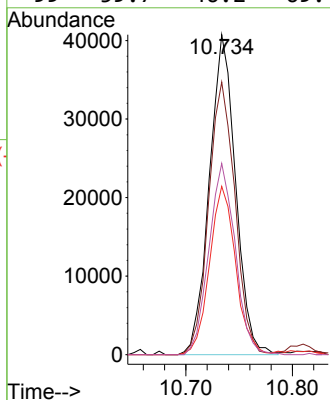
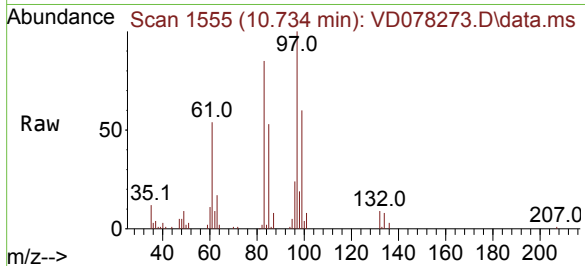




#55
1,1,2-Trichloroethane
Concen: 51.410 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

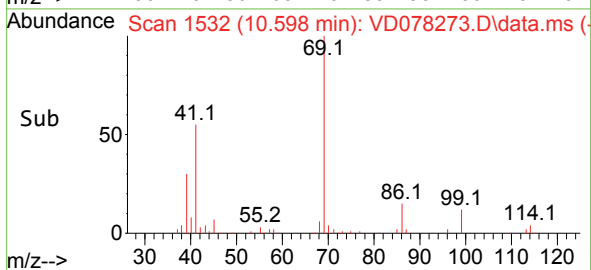
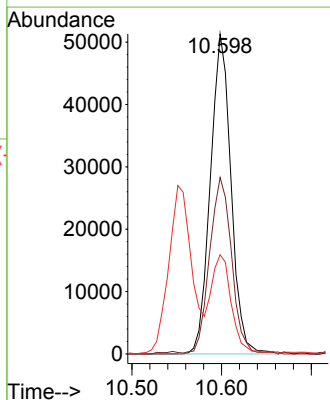
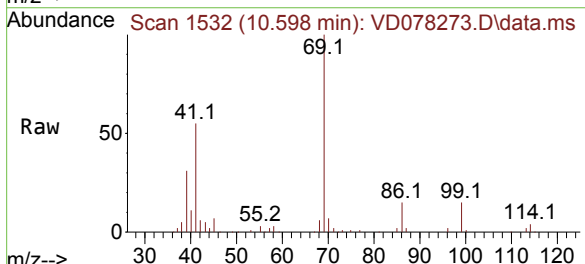
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

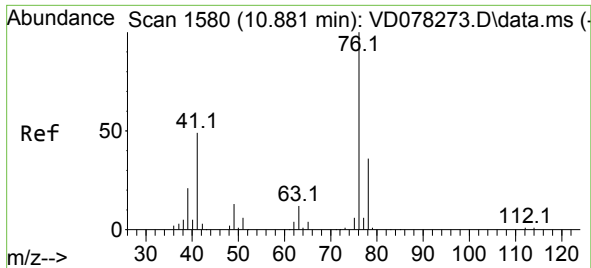
Tgt Ion: 97	Resp: 69631
Ion Ratio	Lower Upper
97 100	
83 85.2	65.8 98.6
85 52.6	45.7 68.5
99 59.7	46.2 69.4



#56
Ethyl methacrylate
Concen: 53.312 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 69	Resp: 81902
Ion Ratio	Lower Upper
69 100	
41 57.7	39.1 58.7
39 30.7	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 49.614 ug/l

RT: 10.881 min Scan# 115870

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

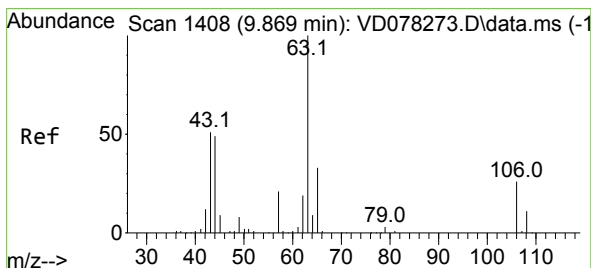
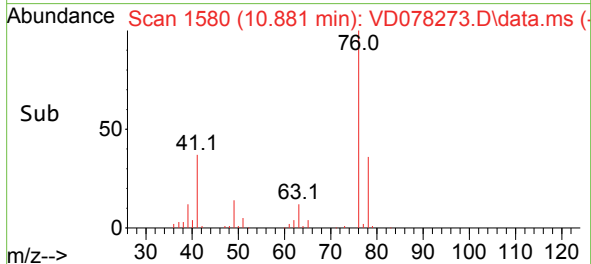
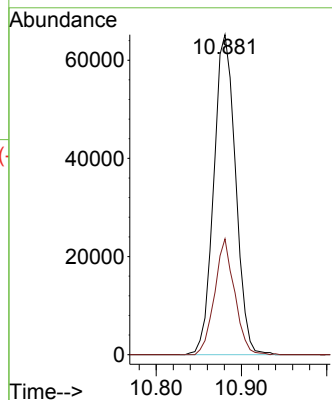
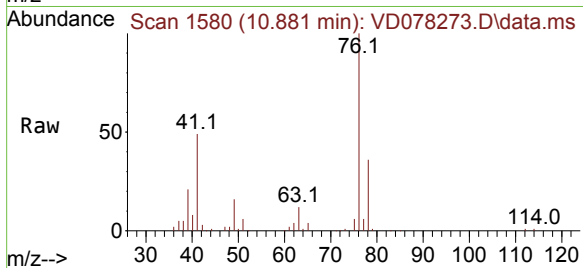
VSTDICCC050

Tgt Ion: 76 Resp: 115870

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.172 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078273.D

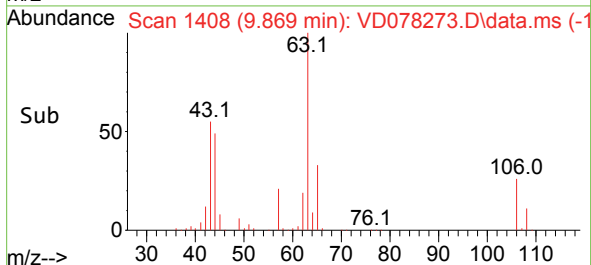
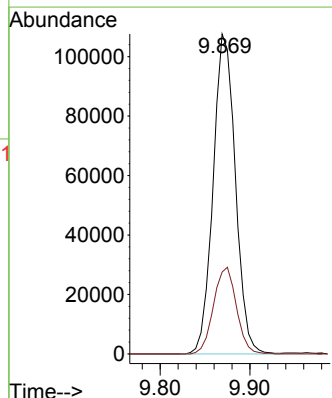
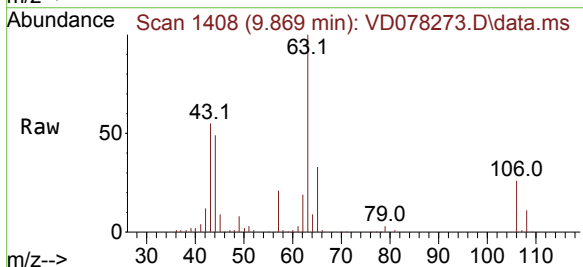
Acq: 30 Jan 2024 11:38

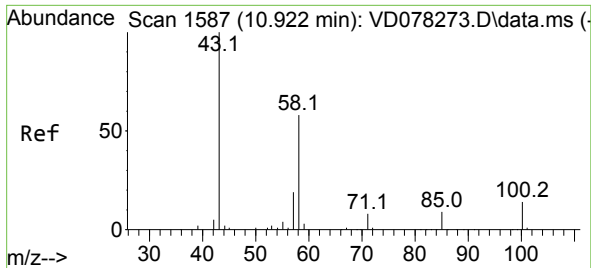
Tgt Ion: 63 Resp: 185259

Ion Ratio Lower Upper

63 100

106 27.9 25.3 37.9

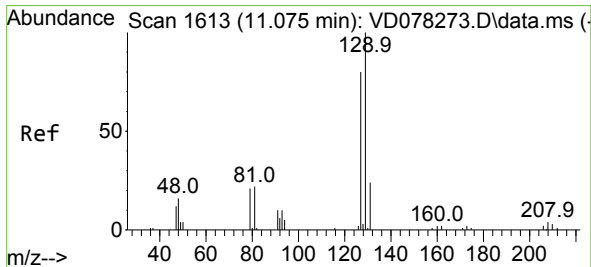
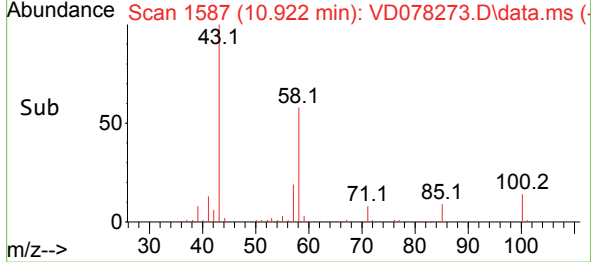
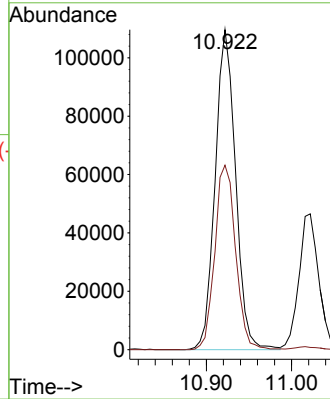
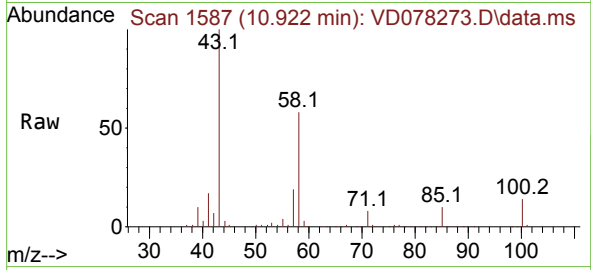




#59
2-Hexanone
Concen: 247.413 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

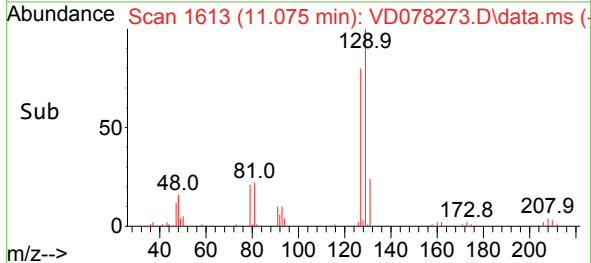
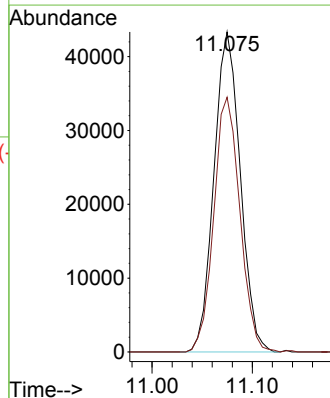
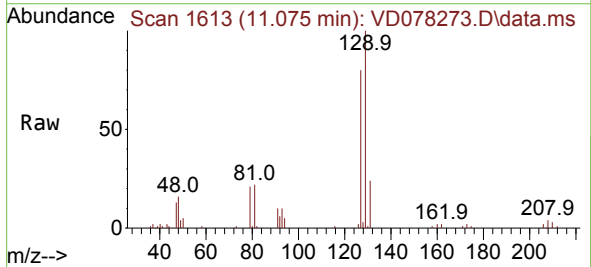
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

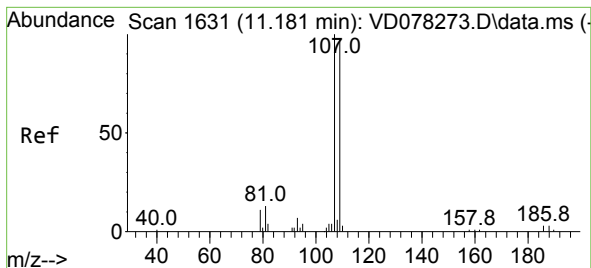
Tgt Ion: 43 Resp: 182401
Ion Ratio Lower Upper
43 100
58 58.9 34.1 102.2



#60
Dibromochloromethane
Concen: 50.316 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 129 Resp: 79111
Ion Ratio Lower Upper
129 100
127 78.9 37.1 111.5





#61

1,2-Dibromoethane

Concen: 49.321 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

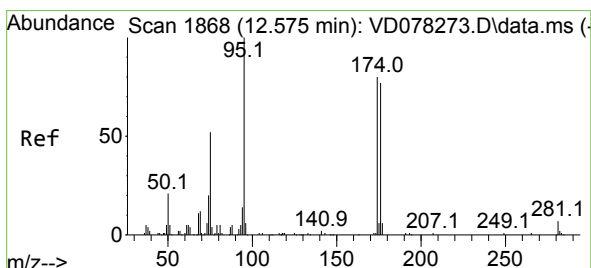
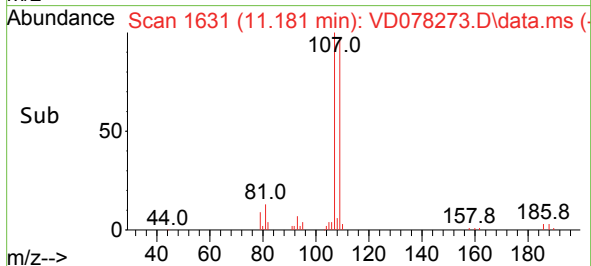
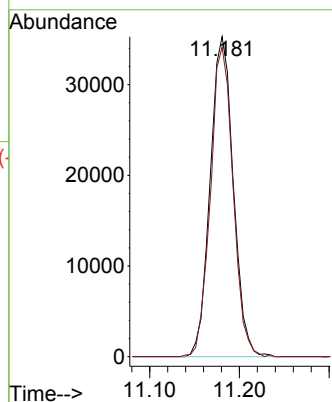
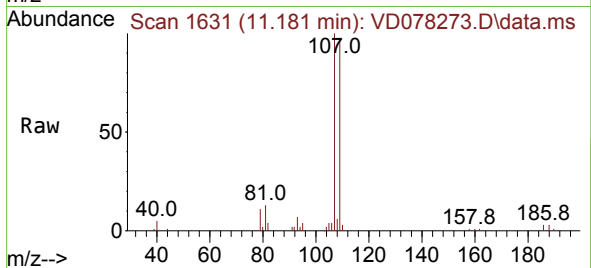
VSTDICCC050

Tgt Ion:107 Resp: 63070

Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.012 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

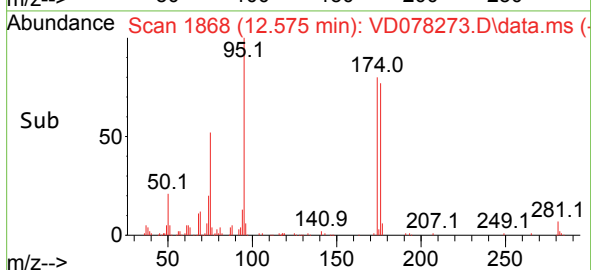
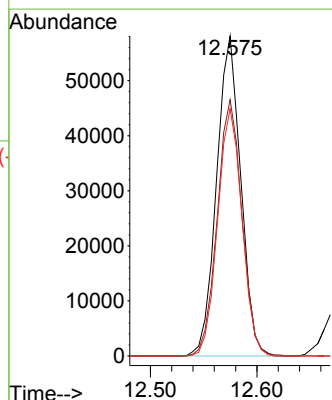
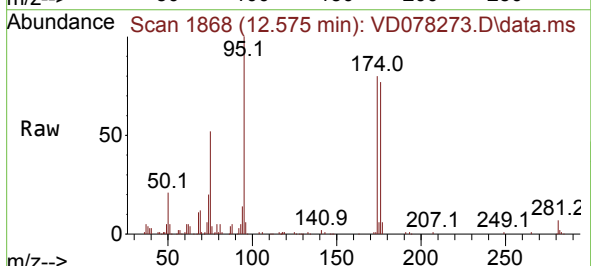
Tgt Ion: 95 Resp: 91460

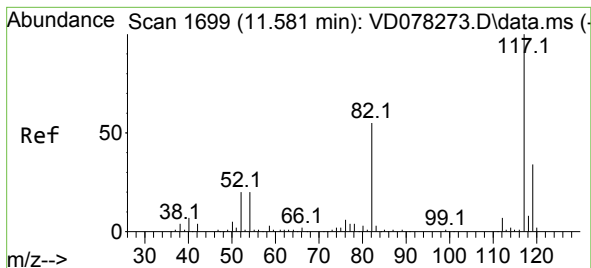
Ion Ratio Lower Upper

95 100

174 81.8 0.0 201.8

176 77.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

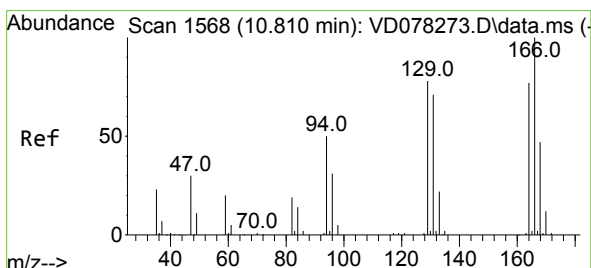
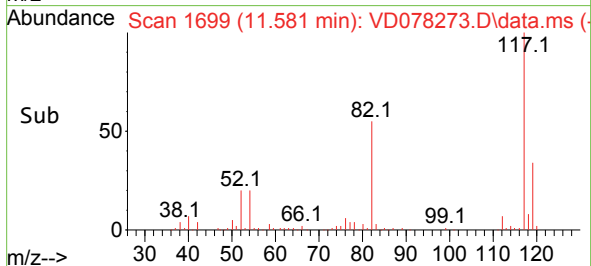
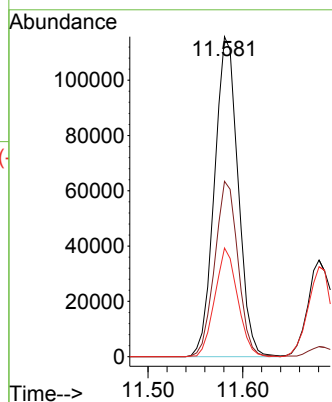
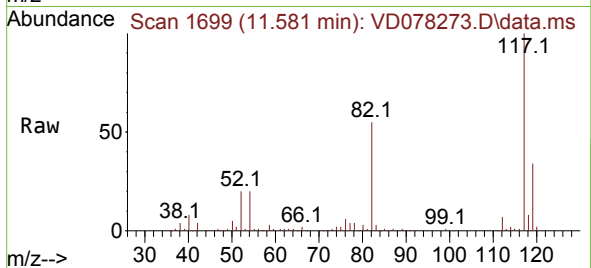
Tgt Ion:117 Resp: 200013

Ion Ratio Lower Upper

117 100

82 54.8 38.3 57.5

119 33.9 25.0 37.4



#64

Tetrachloroethene

Concen: 50.607 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Tgt Ion:164 Resp: 70598

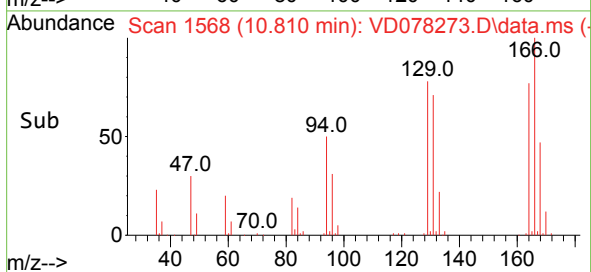
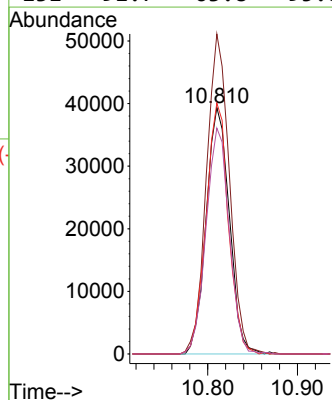
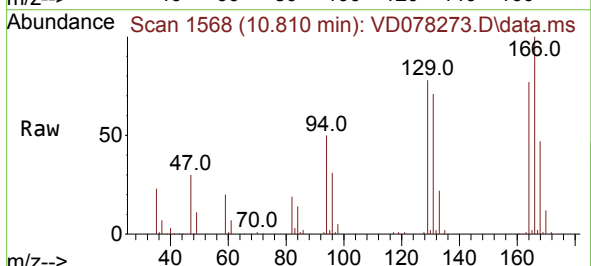
Ion Ratio Lower Upper

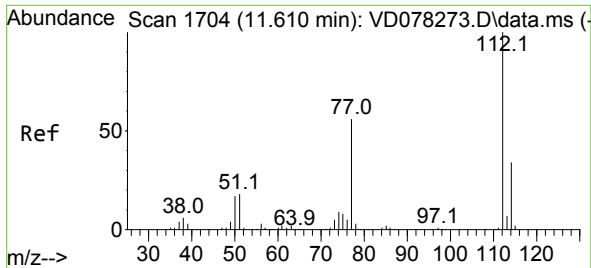
164 100

166 129.9 99.2 148.8

129 101.8 68.4 102.6

131 91.7 63.8 95.8

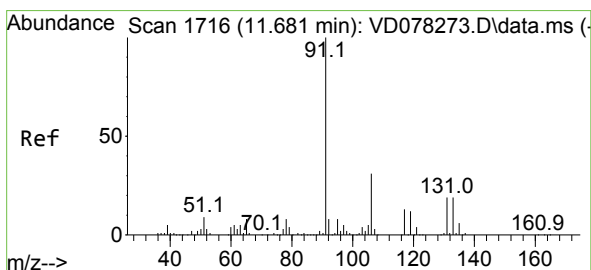
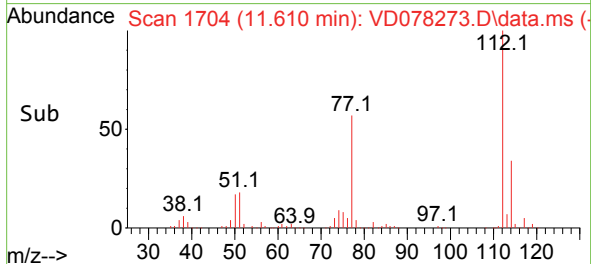
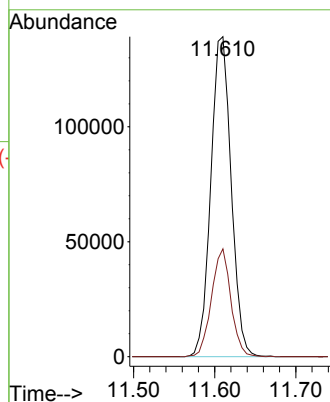
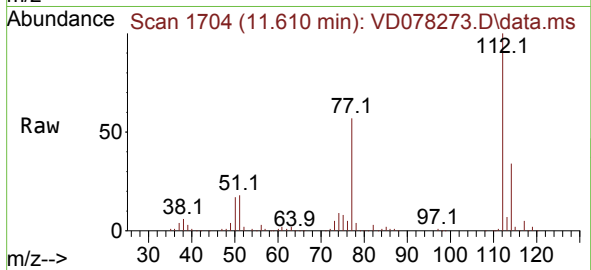




#65
Chlorobenzene
Concen: 50.723 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

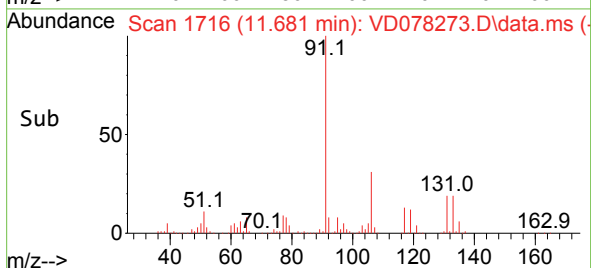
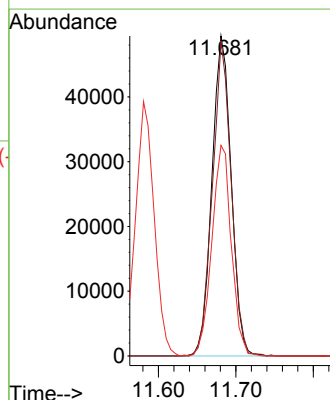
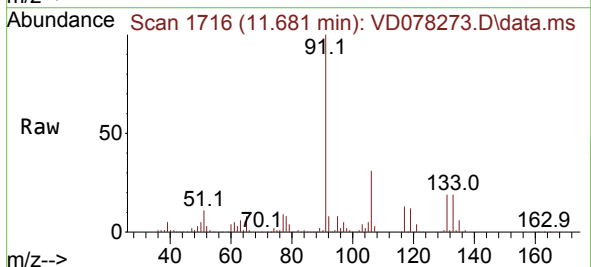
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

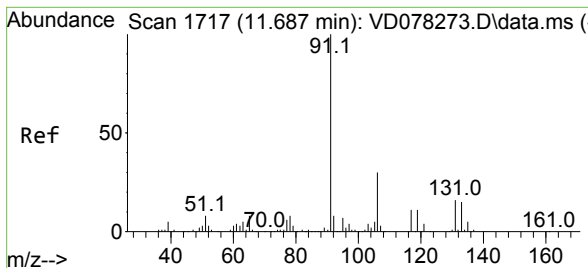
Tgt Ion:112 Resp: 242719
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.113 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion:131 Resp: 85378
Ion Ratio Lower Upper
131 100
133 96.2 48.5 145.5
119 66.5 35.6 106.9





#67

Ethyl Benzene

Concen: 52.260 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

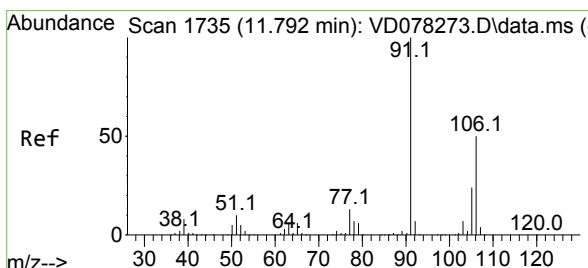
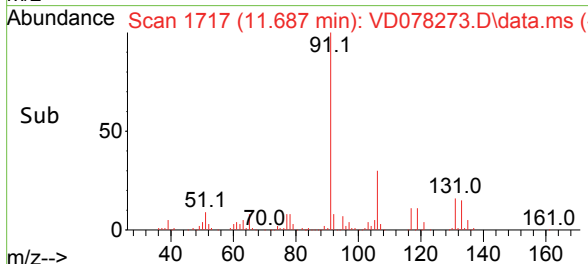
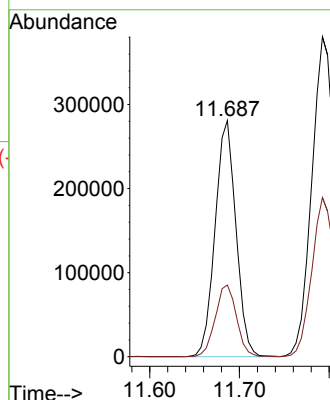
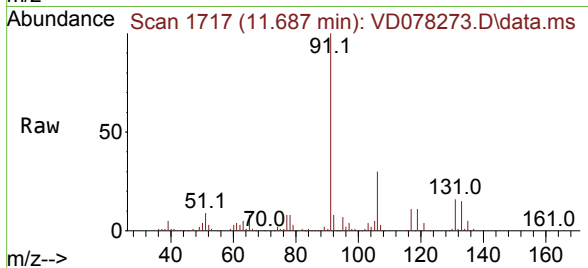
VSTDICCC050

Tgt Ion: 91 Resp: 452979

Ion Ratio Lower Upper

91 100

106 30.4 26.5 39.7



#68

m/p-Xylenes

Concen: 104.458 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078273.D

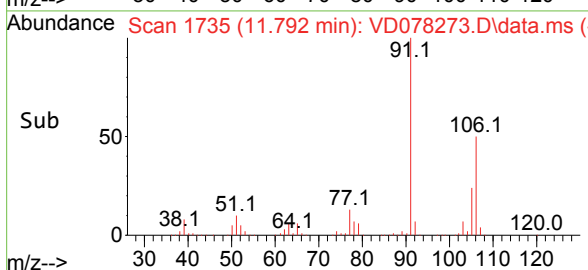
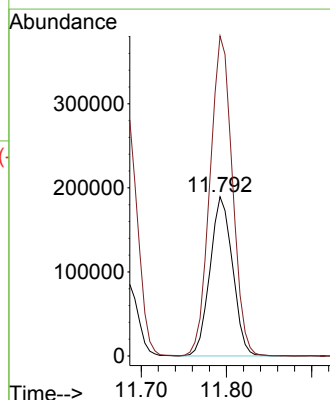
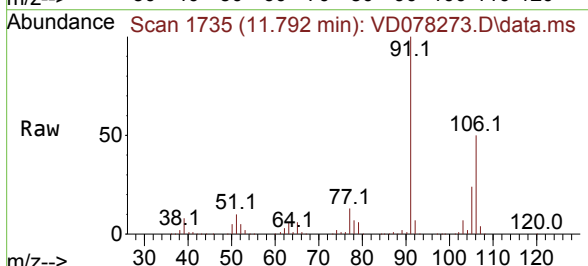
Acq: 30 Jan 2024 11:38

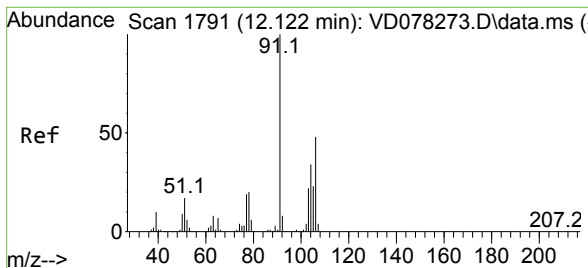
Tgt Ion:106 Resp: 348340

Ion Ratio Lower Upper

106 100

91 200.5 147.0 220.6





#69

o-Xylene

Concen: 53.391 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

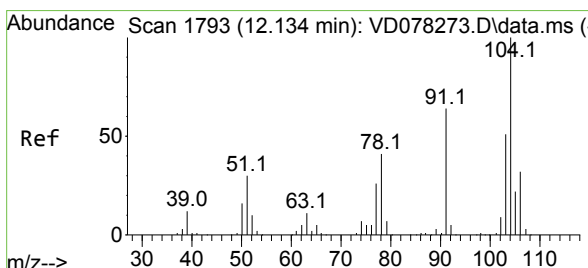
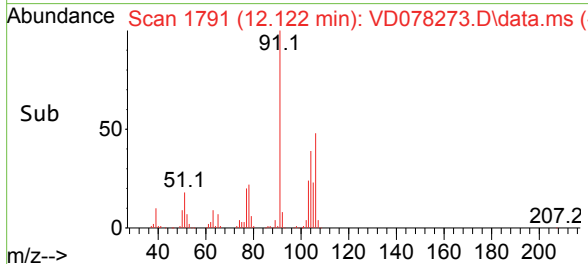
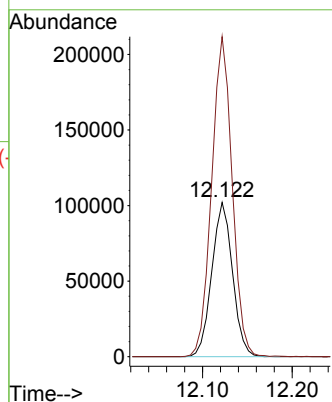
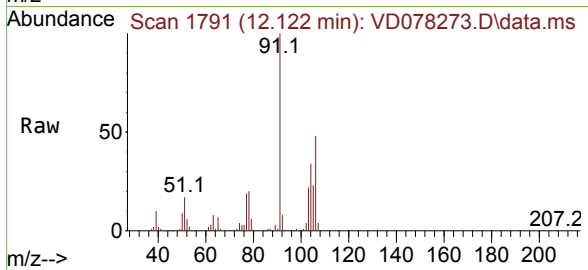
VSTDICCC050

Tgt Ion:106 Resp: 163622

Ion Ratio Lower Upper

106 100

91 205.7 97.9 293.6



#70

Styrene

Concen: 53.525 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

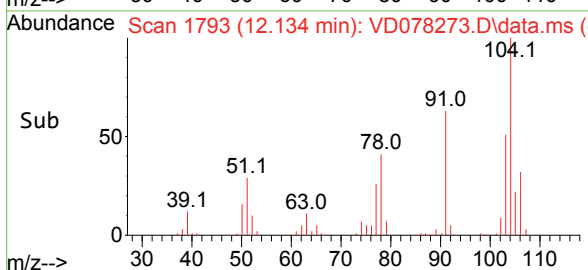
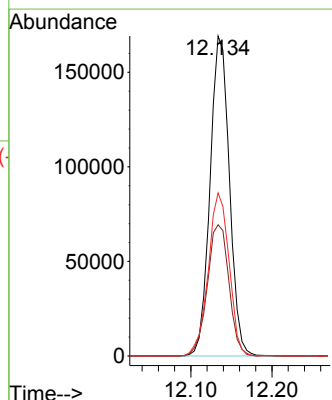
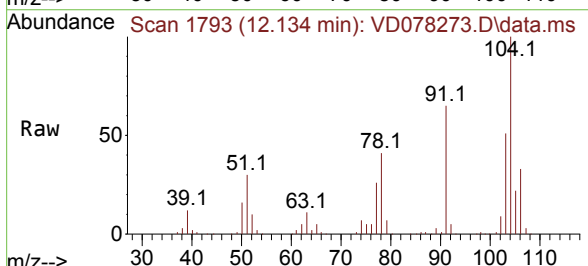
Tgt Ion:104 Resp: 280130

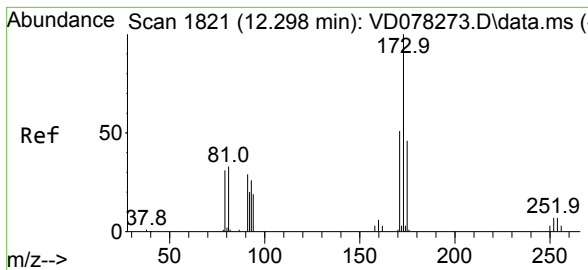
Ion Ratio Lower Upper

104 100

78 45.8 33.2 49.8

103 54.9 43.6 65.4

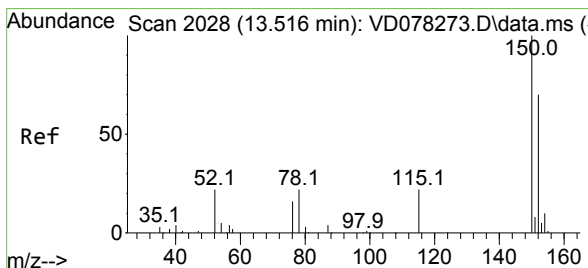
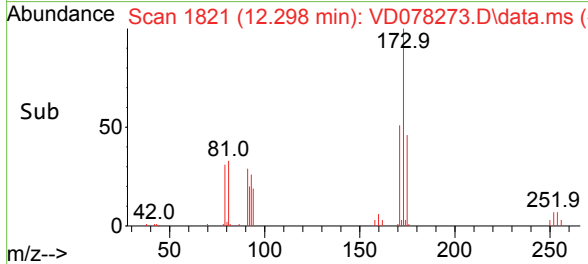
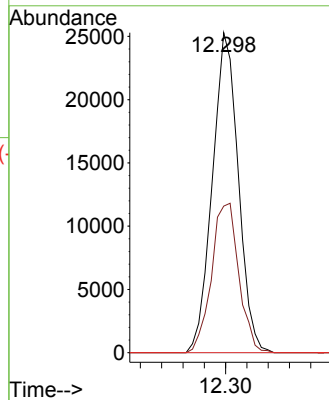
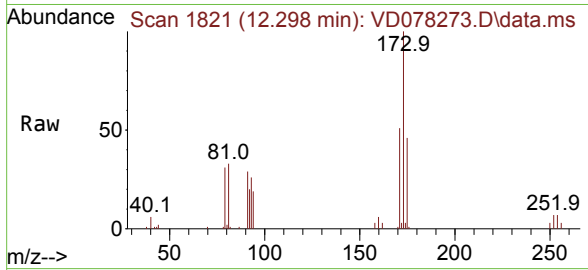




#71
Bromoform
Concen: 50.885 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

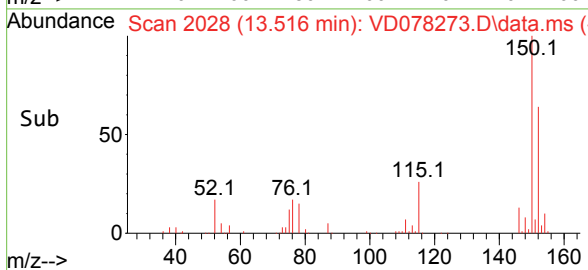
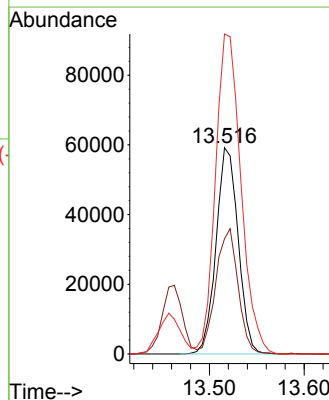
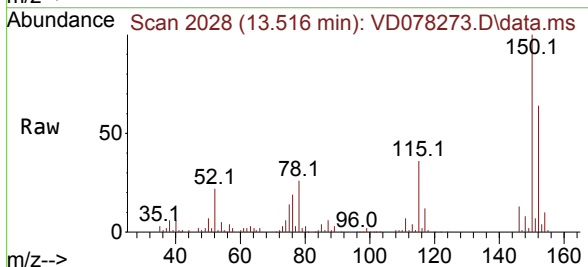
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

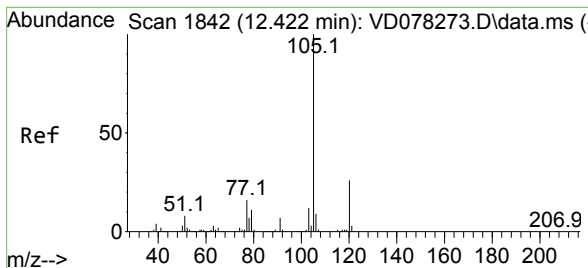
Tgt Ion:173 Resp: 42697
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion:152 Resp: 96136
Ion Ratio Lower Upper
152 100
115 61.3 27.1 81.3
150 178.8 0.0 353.6





#73

Isopropylbenzene

Concen: 51.894 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

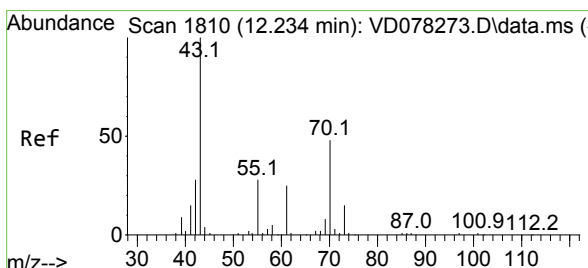
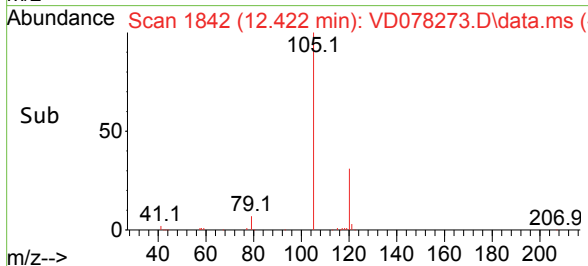
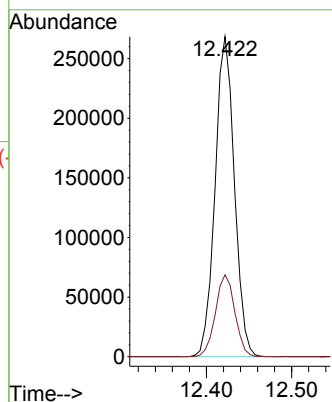
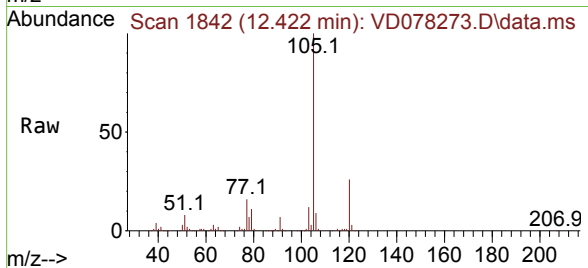
VSTDICCC050

Tgt Ion:105 Resp: 422101

Ion Ratio Lower Upper

105 100

120 25.7 14.3 42.9



#74

N-ethyl acetate

Concen: 50.292 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Tgt Ion: 43 Resp: 84604

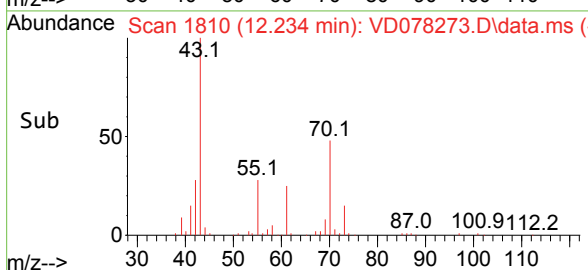
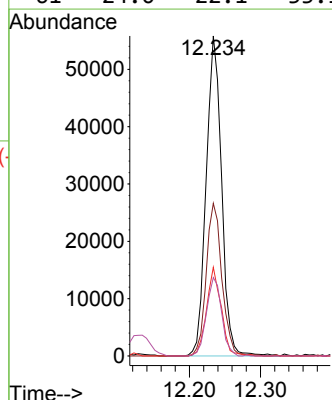
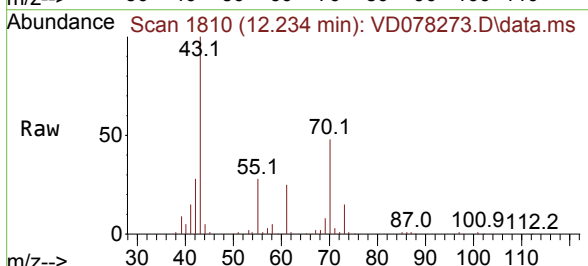
Ion Ratio Lower Upper

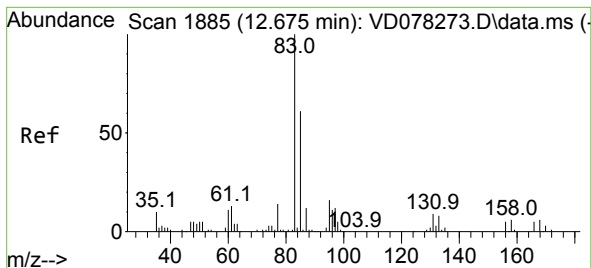
43 100

70 48.4 45.0 67.4

55 26.3 23.8 35.6

61 24.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.979 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

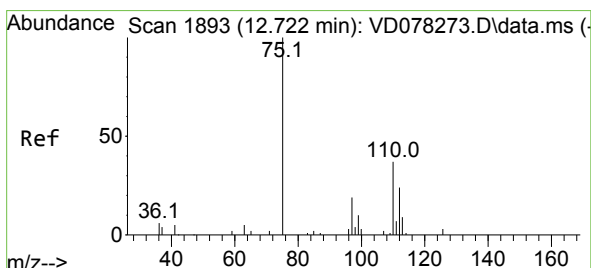
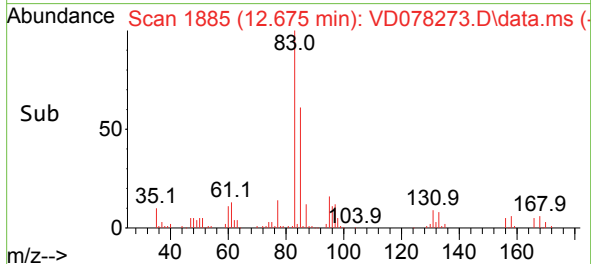
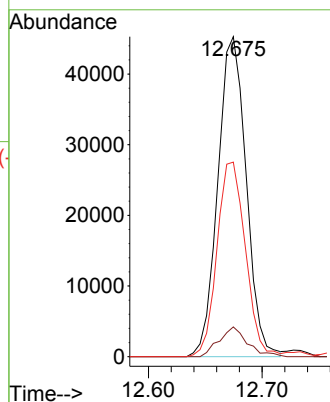
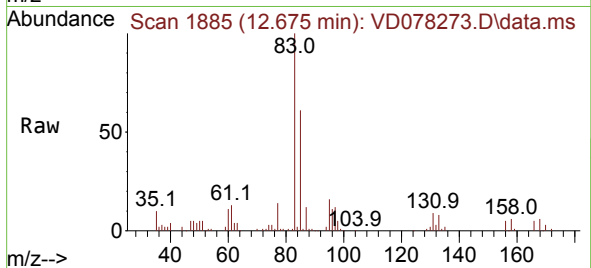
Tgt Ion: 83 Resp: 78506

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 60.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 96.018 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078273.D

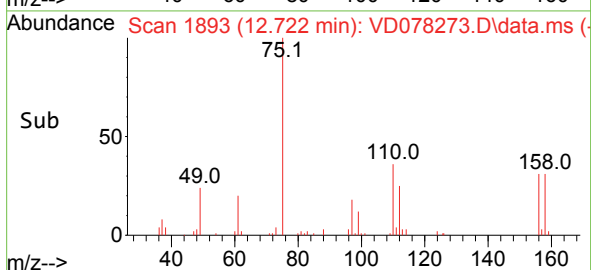
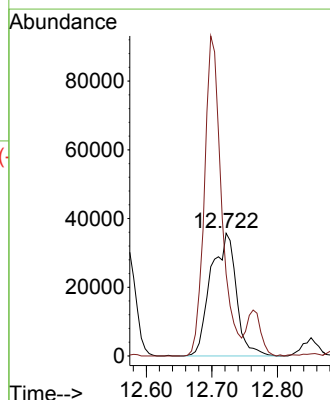
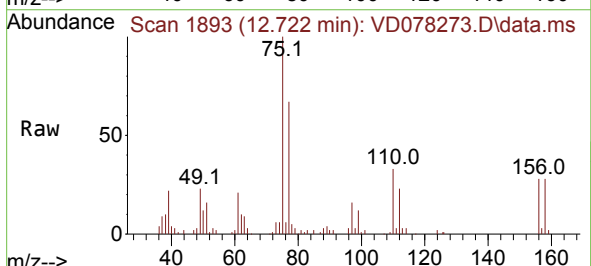
Acq: 30 Jan 2024 11:38

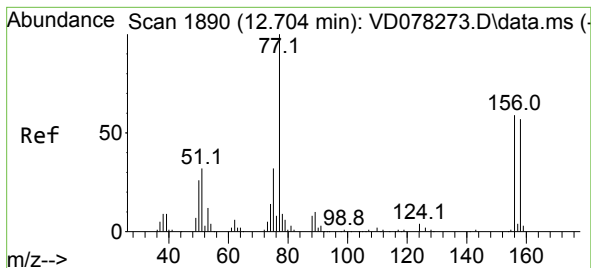
Tgt Ion: 75 Resp: 96479

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.963 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

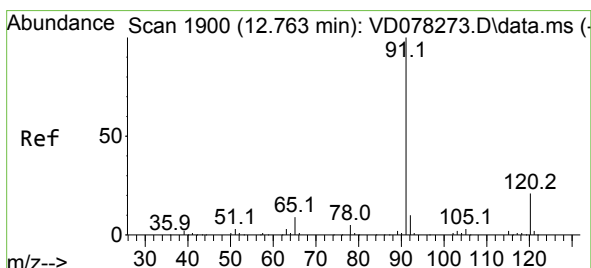
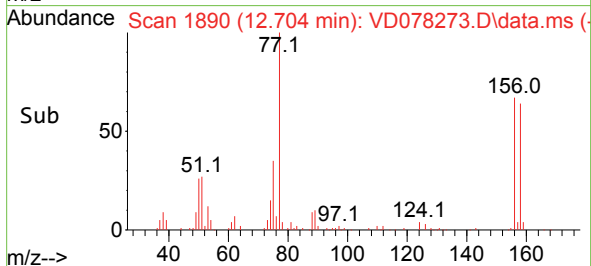
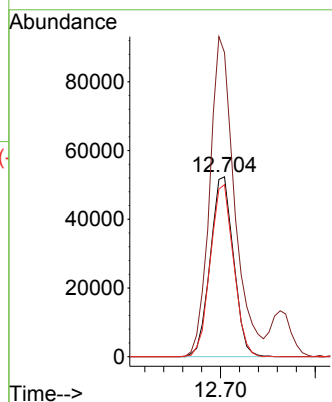
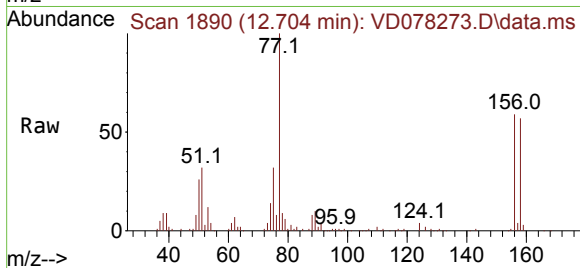
Tgt Ion:156 Resp: 89431

Ion Ratio Lower Upper

156 100

77 189.9 76.8 230.4

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 52.587 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078273.D

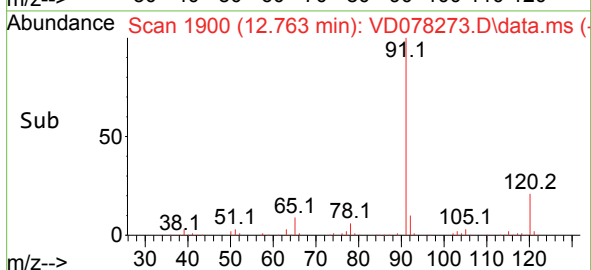
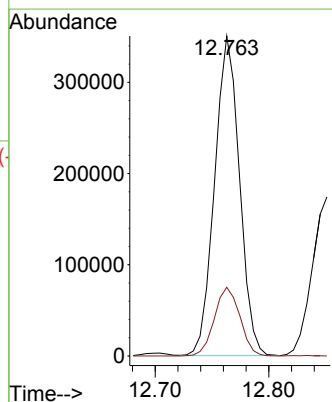
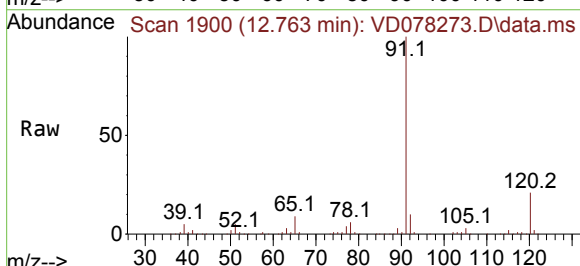
Acq: 30 Jan 2024 11:38

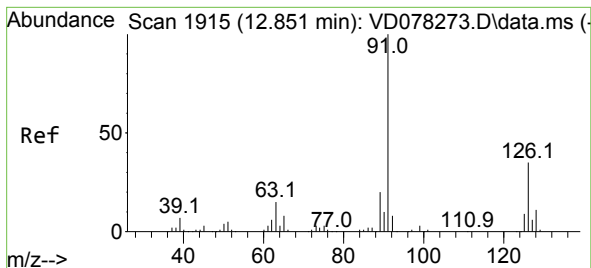
Tgt Ion: 91 Resp: 532836

Ion Ratio Lower Upper

91 100

120 22.0 12.4 37.2

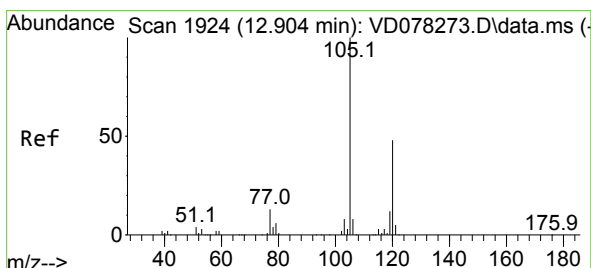
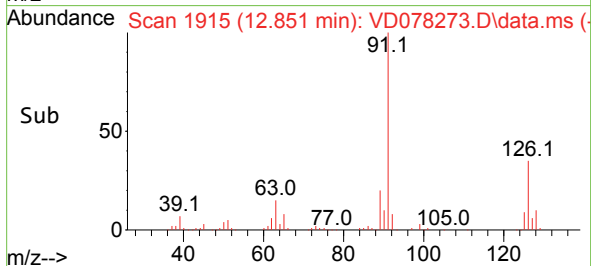
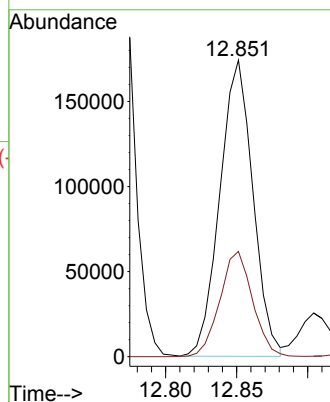
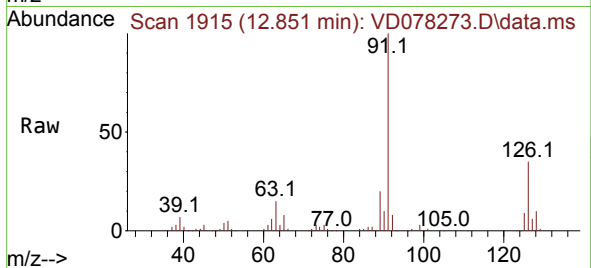




#79
2-Chlorotoluene
Concen: 51.936 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

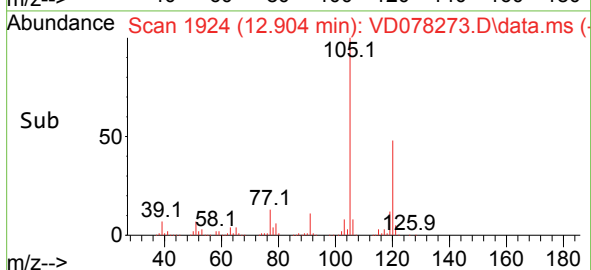
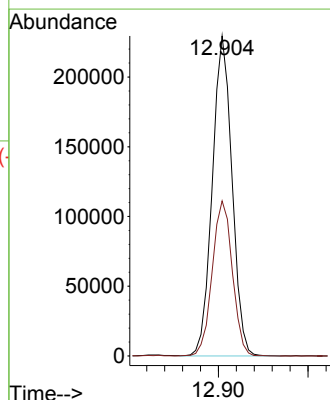
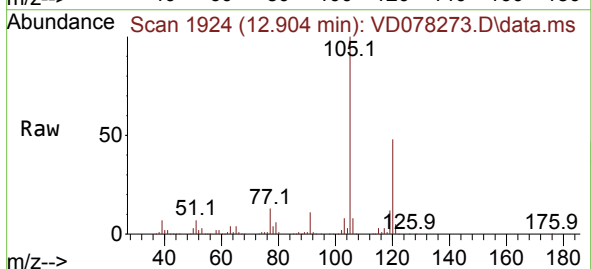
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

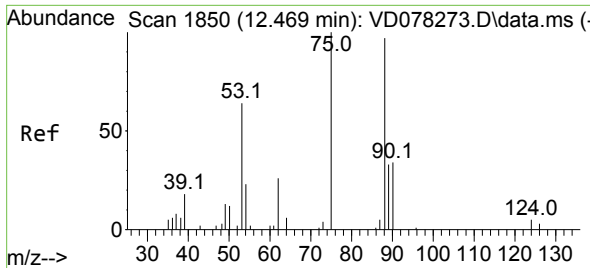
Tgt Ion: 91 Resp: 281700
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.879 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 105 Resp: 349909
Ion Ratio Lower Upper
105 100
120 49.4 26.4 79.2

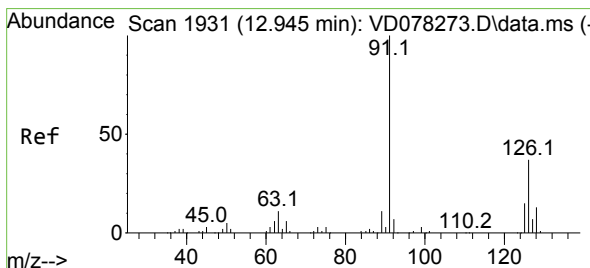
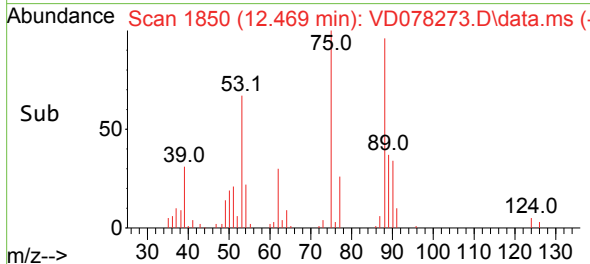
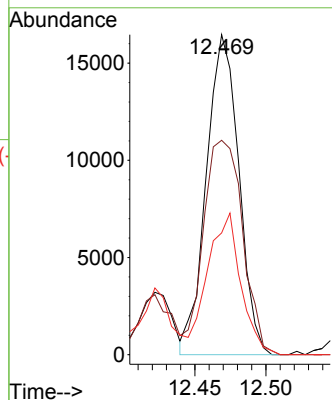
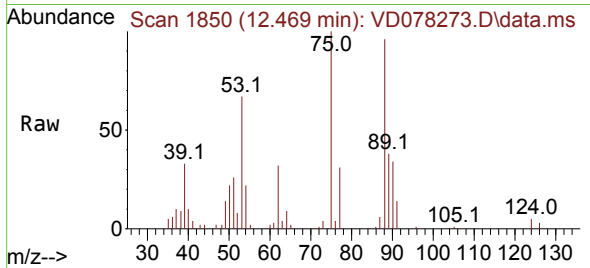




#81
trans-1,4-Dichloro-2-butene
Concen: 51.869 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

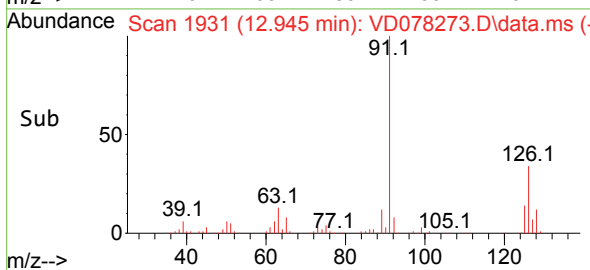
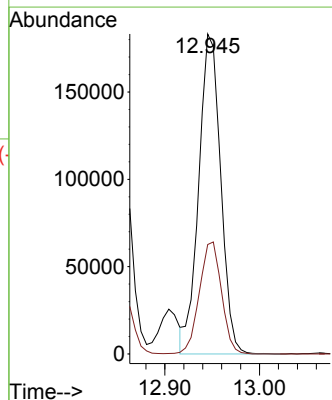
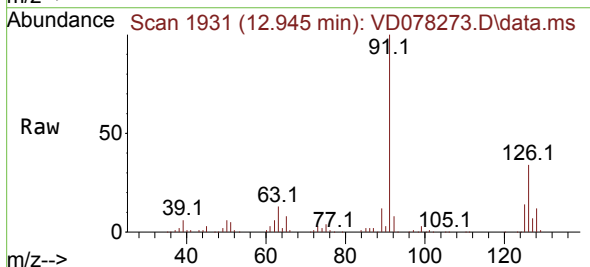
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

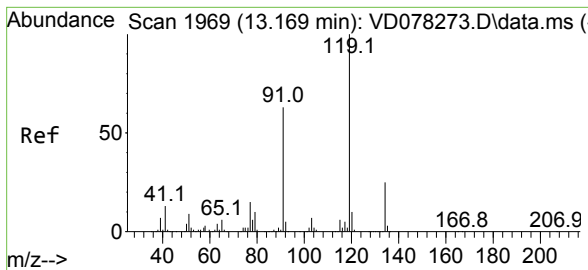
Tgt Ion:	75	Resp:	26206
Ion	Ratio	Lower	Upper
75	100		
53	81.0	63.0	94.4
89	44.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 51.075 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion:	91	Resp:	295341
Ion	Ratio	Lower	Upper
91	100		
126	35.3	19.4	58.4

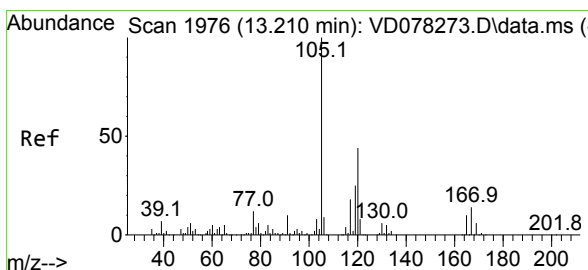
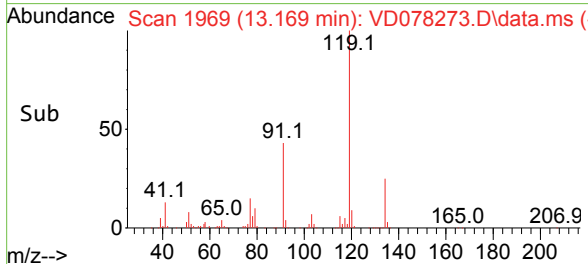
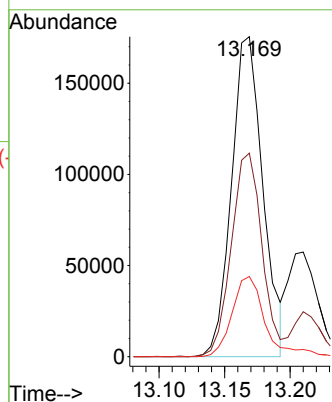
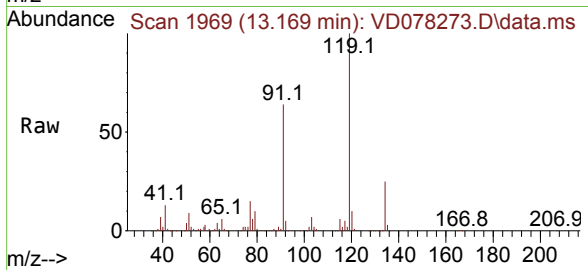




#83
 tert-Butylbenzene
 Concen: 51.835 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

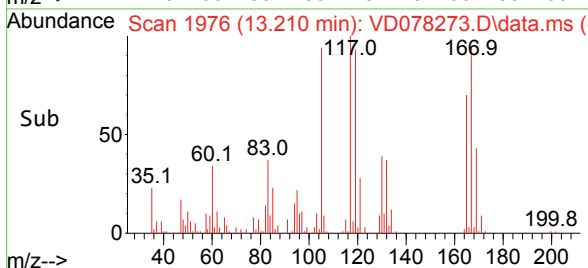
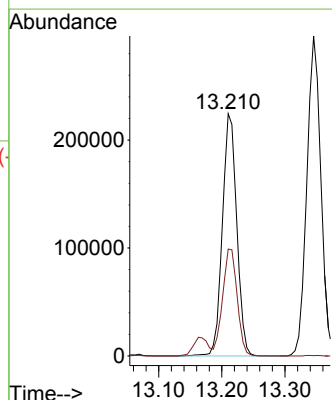
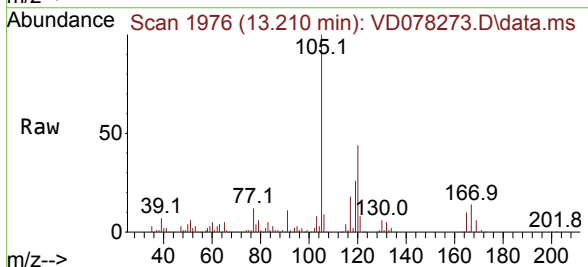
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

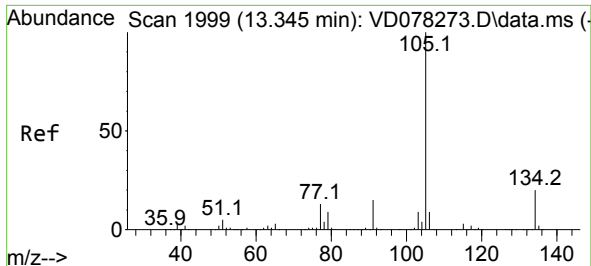
Tgt Ion:119 Resp: 292671
 Ion Ratio Lower Upper
 119 100
 91 62.0 29.3 87.8
 134 26.4 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.062 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

Tgt Ion:105 Resp: 355240
 Ion Ratio Lower Upper
 105 100
 120 44.5 24.3 72.9

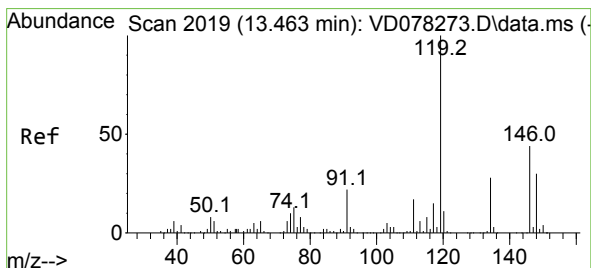
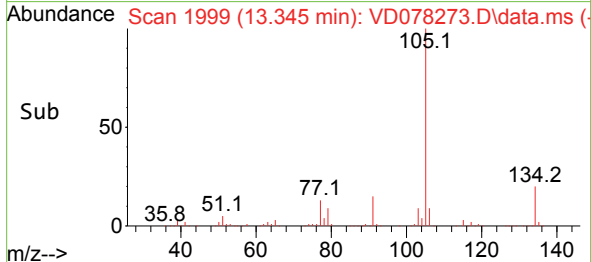
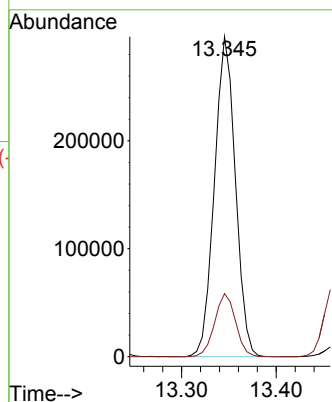
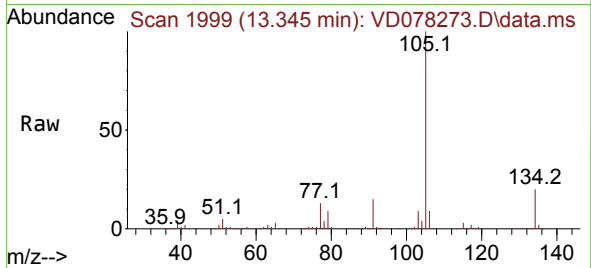




#85
 sec-Butylbenzene
 Concen: 51.448 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

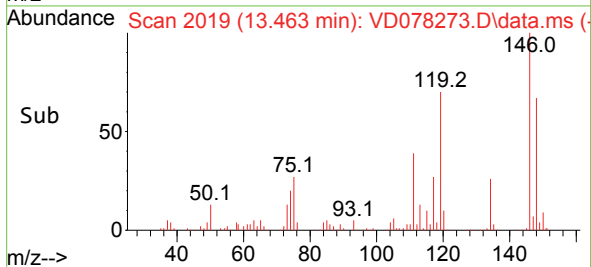
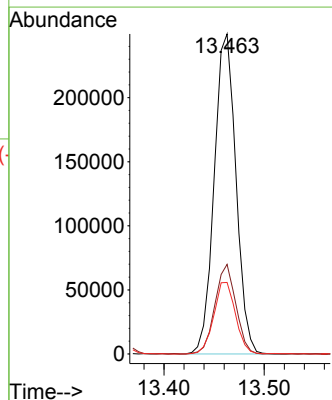
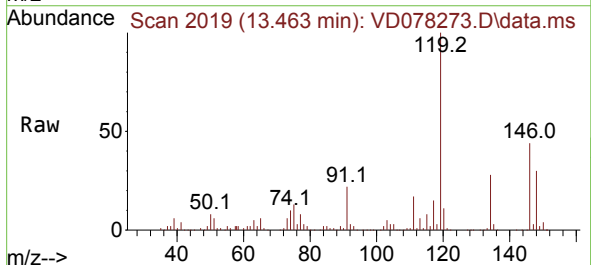
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

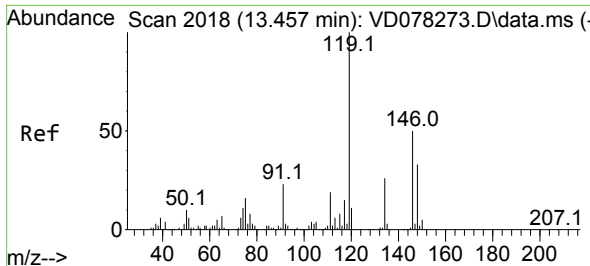
Tgt Ion:105 Resp: 455910
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 51.873 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

Tgt Ion:119 Resp: 376499
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 22.4 10.5 31.5

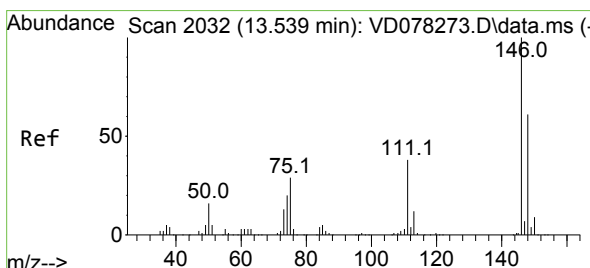
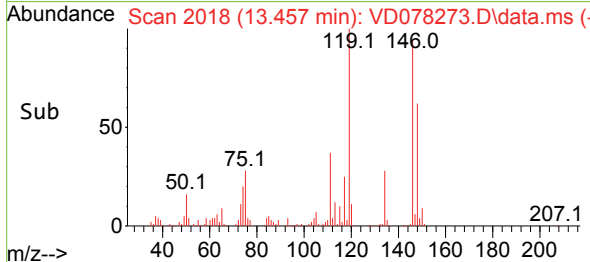
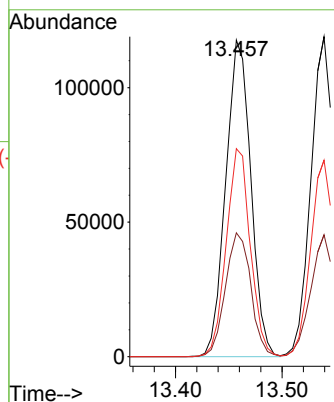
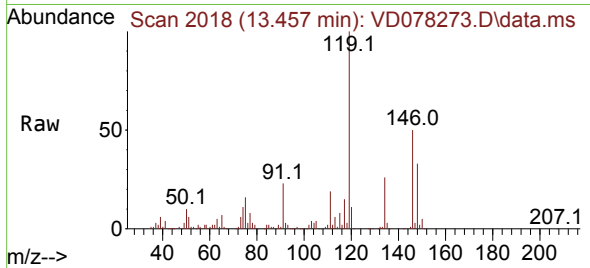




#87
 1,3-Dichlorobenzene
 Concen: 51.701 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

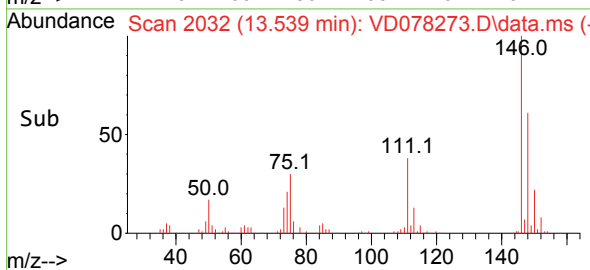
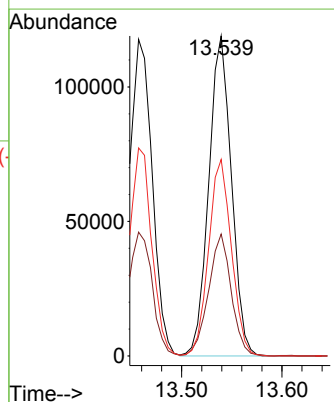
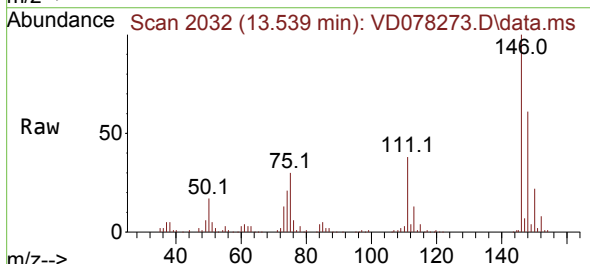
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

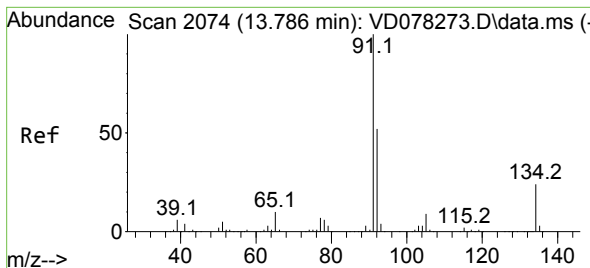
Tgt Ion:146 Resp: 192254
 Ion Ratio Lower Upper
 146 100
 111 39.7 17.9 53.8
 148 63.2 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 50.831 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

Tgt Ion:146 Resp: 187017
 Ion Ratio Lower Upper
 146 100
 111 38.2 17.4 52.3
 148 62.0 31.7 95.1





#89

n-Butylbenzene

Concen: 51.313 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

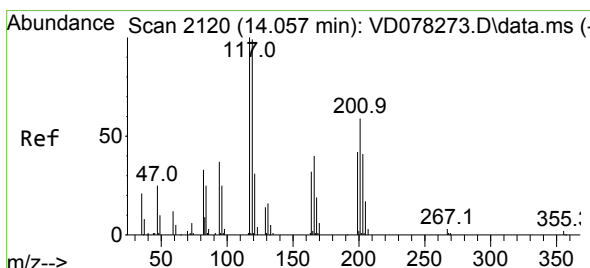
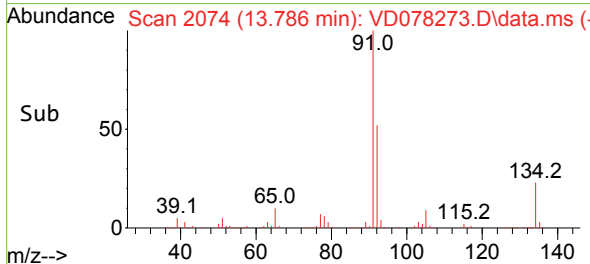
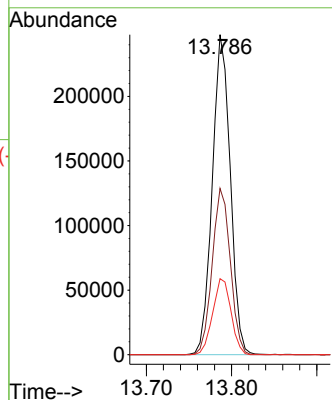
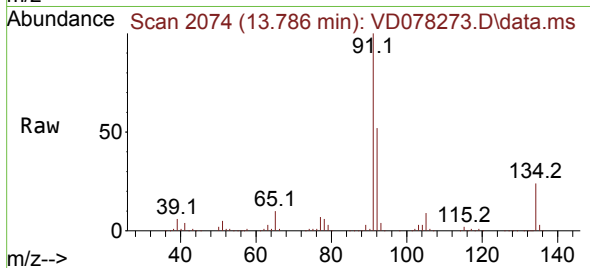
Tgt Ion: 91 Resp: 362917

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 24.2 13.8 41.3



#90

Hexachloroethane

Concen: 50.969 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD078273.D

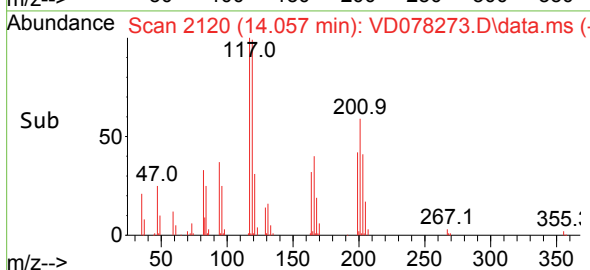
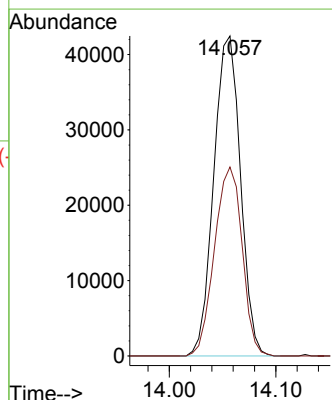
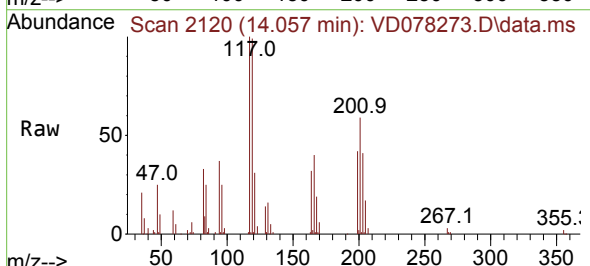
Acq: 30 Jan 2024 11:38

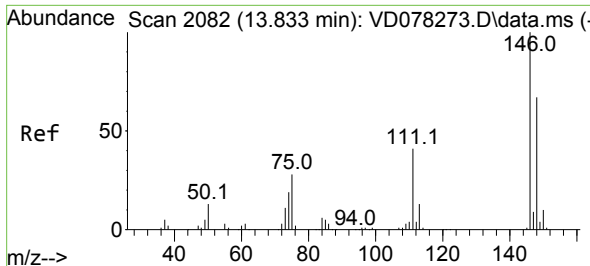
Tgt Ion: 117 Resp: 73890

Ion Ratio Lower Upper

117 100

201 61.2 38.5 115.5

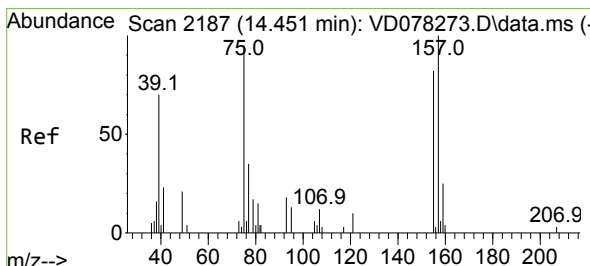
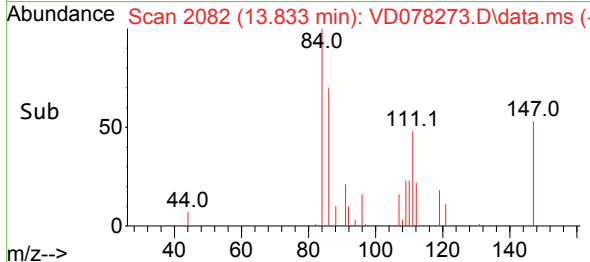
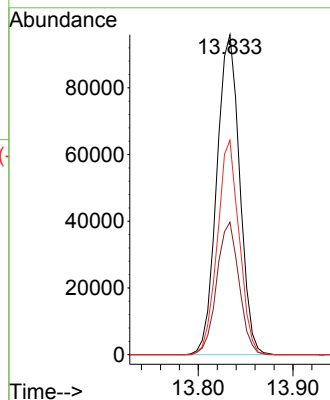
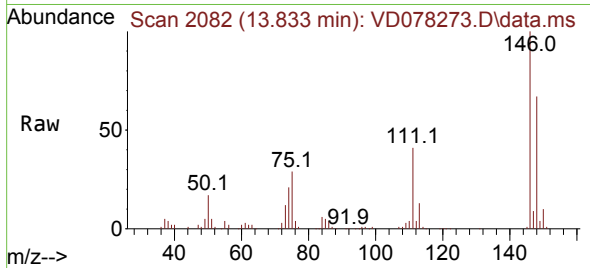




#91
1,2-Dichlorobenzene
Concen: 50.574 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

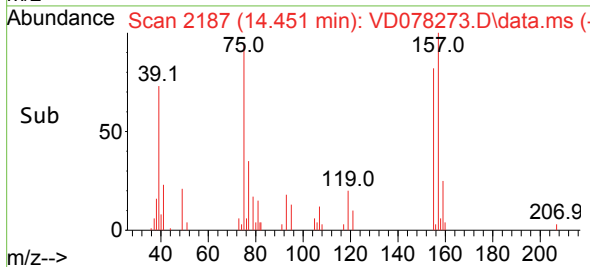
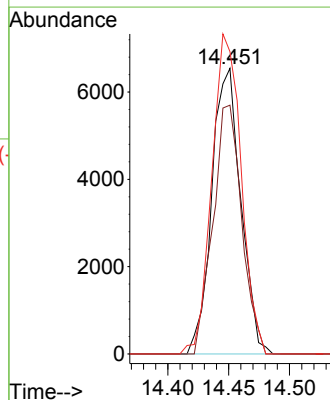
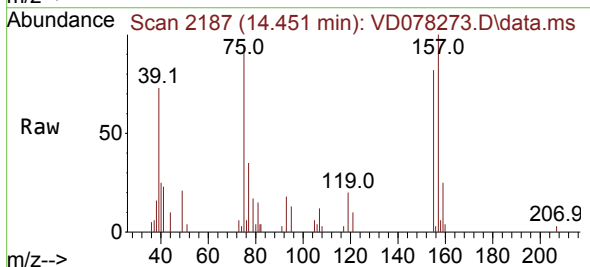
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

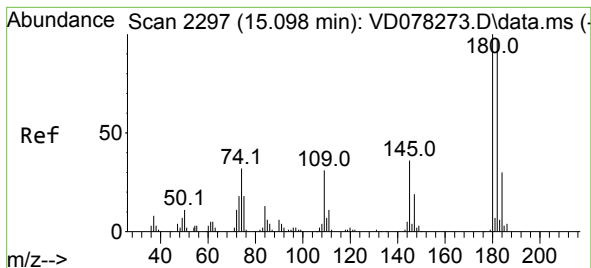
Tgt Ion:146 Resp: 160892
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.252 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078273.D
Acq: 30 Jan 2024 11:38

Tgt Ion: 75 Resp: 10845
Ion Ratio Lower Upper
75 100
155 86.5 47.9 143.8
157 113.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 50.622 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

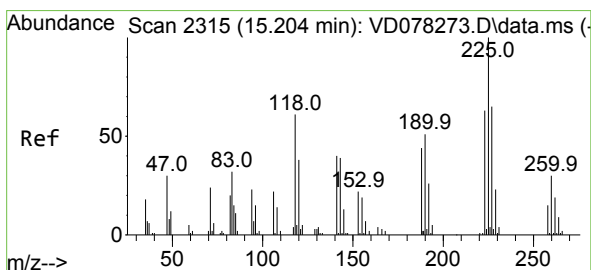
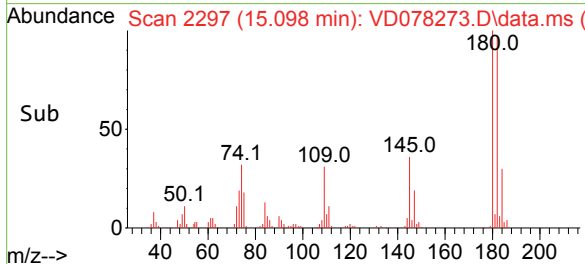
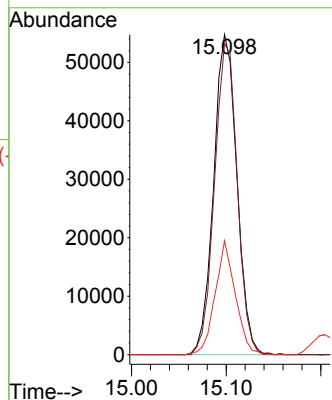
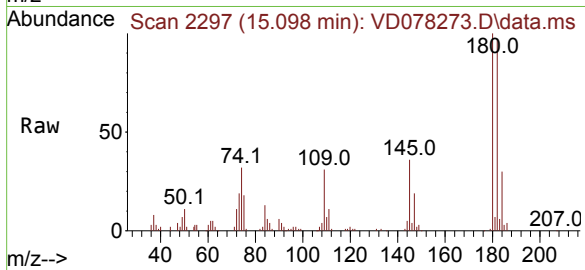
Tgt Ion:180 Resp: 93151

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 31.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.931 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078273.D

Acq: 30 Jan 2024 11:38

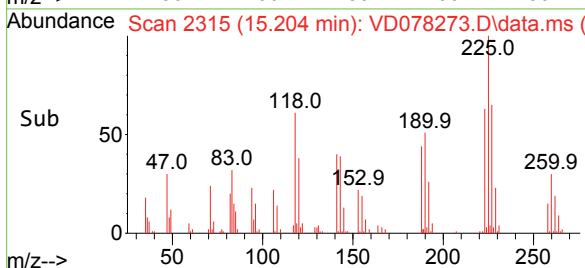
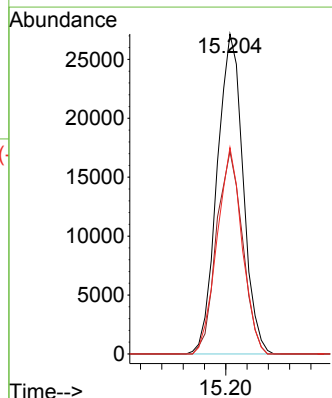
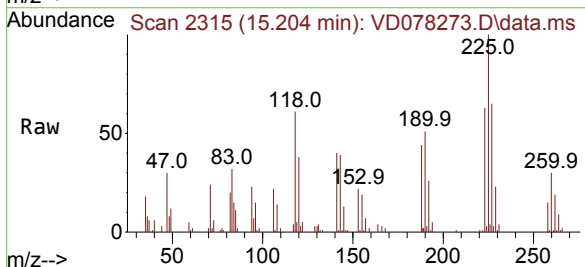
Tgt Ion:225 Resp: 45924

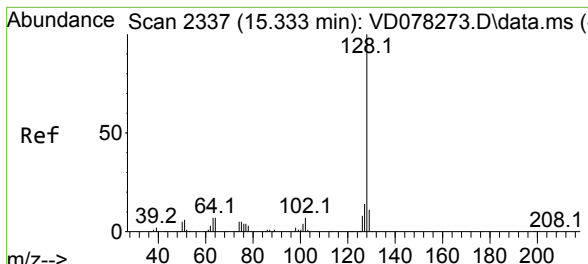
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

227 62.4 31.7 95.1

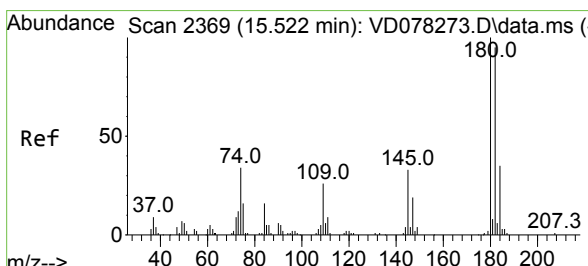
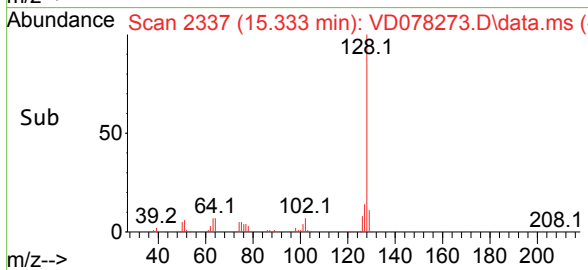
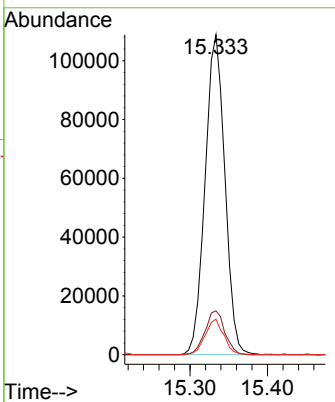
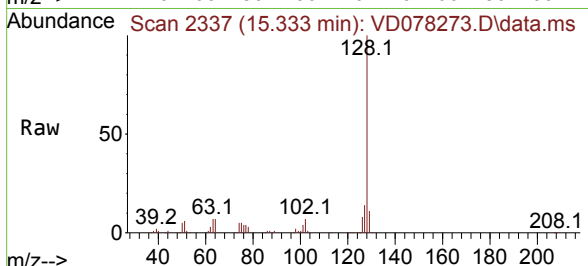




#95
 Naphthalene
 Concen: 52.633 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

Instrument : MSVOA_D
 ClientSampleId : VSTDICCC050

Tgt Ion:	128	Resp:	193105
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.5	15.7
129	11.1	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 51.489 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078273.D
 Acq: 30 Jan 2024 11:38

Tgt Ion:	180	Resp:	83424
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	141.9
145	31.9	15.1	45.3

