

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078622.D
 Acq On : 08 Mar 2024 18:51
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 09 02:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	105572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66640	63.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.360%	
35) Dibromofluoromethane	7.804	113	74019	61.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.400%	
50) Toluene-d8	10.269	98	277827	59.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.180%	
62) 4-Bromofluorobenzene	12.569	95	82242	61.765	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 123.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	34635	41.284	ug/l	95
3) Chloromethane	2.152	50	84212	57.228	ug/l	98
4) Vinyl Chloride	2.281	62	126278	48.662	ug/l	96
5) Bromomethane	2.681	94	91804	44.295	ug/l	99
6) Chloroethane	2.828	64	102328	53.203	ug/l	100
7) Trichlorofluoromethane	3.163	101	75324	42.927	ug/l	97
8) Diethyl Ether	3.593	74	24459	49.641	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	44500	40.239	ug/l	97
10) Methyl Iodide	4.152	142	51207	44.249	ug/l #	87
11) Tert butyl alcohol	5.058	59	14550	296.070	ug/l	98
12) 1,1-Dichloroethene	3.934	96	46726	45.259	ug/l	93
13) Acrolein	3.793	56	29978	288.840	ug/l	96
14) Allyl chloride	4.558	41	55841	47.488	ug/l	95
15) Acrylonitrile	5.252	53	59435	292.590	ug/l	98
16) Acetone	4.022	43	40221	200.608	ug/l	90
17) Carbon Disulfide	4.269	76	150941	43.883	ug/l	98
18) Methyl Acetate	4.563	43	28714	75.663	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	115354	54.953	ug/l	99
20) Methylene Chloride	4.799	84	69045	50.397	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	57924	46.695	ug/l	96
22) Diisopropyl ether	6.210	45	139880	53.056	ug/l	94
23) Vinyl Acetate	6.152	43	420980	268.856	ug/l	95
24) 1,1-Dichloroethane	6.104	63	98517	49.462	ug/l	95
25) 2-Butanone	7.081	43	66518	263.012	ug/l	91
26) 2,2-Dichloropropane	7.069	77	70029	41.618	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	66926	49.272	ug/l	98
28) Bromochloromethane	7.422	49	43762	58.812	ug/l	88
29) Tetrahydrofuran	7.446	42	43653	310.681	ug/l	92
30) Chloroform	7.593	83	108417	50.413	ug/l	92
31) Cyclohexane	7.875	56	63908	39.016	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	87252	47.294	ug/l	99
36) 1,1-Dichloropropene	8.004	75	76190	45.893	ug/l	98
37) Ethyl Acetate	7.169	43	31155	57.917	ug/l	96
38) Carbon Tetrachloride	7.987	117	77237	44.480	ug/l	97
39) Methylcyclohexane	9.269	83	80352	41.237	ug/l	96
40) Benzene	8.251	78	235816	47.922	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	13842	48.010	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	65022	52.085	ug/l	98
43) Isopropyl Acetate	8.363	43	55360	53.680	ug/l #	81
44) Trichloroethene	9.028	130	62373	46.190	ug/l	97
45) 1,2-Dichloropropane	9.304	63	58307	49.325	ug/l	95
46) Dibromomethane	9.393	93	36291	53.255	ug/l	95
47) Bromodichloromethane	9.581	83	86288	51.353	ug/l	94
48) Methyl methacrylate	9.381	41	26384	56.477	ug/l	86
49) 1,4-Dioxane	9.381	88	9183	1204.059	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	157179	295.280	ug/l	96
52) Toluene	10.328	92	154596	48.962	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	78739	50.654	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	93108	50.027	ug/l #	90
55) 1,1,2-Trichloroethane	10.728	97	50750	52.889	ug/l	97
56) Ethyl methacrylate	10.598	69	55240	57.437	ug/l	96
57) 1,3-Dichloropropane	10.875	76	81073	52.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	165400	372.765	ug/l	94
59) 2-Hexanone	10.922	43	110770	280.558	ug/l	91
60) Dibromochloromethane	11.069	129	59799	51.612	ug/l	94
61) 1,2-Dibromoethane	11.175	107	47896	54.388	ug/l	100
64) Tetrachloroethene	10.810	164	53387	45.802	ug/l	96
65) Chlorobenzene	11.604	112	171522	47.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	63971	47.102	ug/l	97
67) Ethyl Benzene	11.681	91	291285	46.081	ug/l	97
68) m/p-Xylenes	11.792	106	235233	91.986	ug/l	96
69) o-Xylene	12.122	106	109526	47.212	ug/l	95
70) Styrene	12.134	104	195648	48.654	ug/l	98
71) Bromoform	12.298	173	37848	52.384	ug/l #	99
73) Isopropylbenzene	12.422	105	268914	42.049	ug/l	96
74) N-amyl acetate	12.228	43	53953	50.124	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	60889	49.700	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	69879	90.691	ug/l #	100
77) Bromobenzene	12.698	156	70547	45.613	ug/l	94
78) n-propylbenzene	12.763	91	335269	42.859	ug/l	98
79) 2-Chlorotoluene	12.845	91	187798	44.738	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	235895	45.330	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	17601	48.894	ug/l	98
82) 4-Chlorotoluene	12.945	91	199628	44.623	ug/l	98
83) tert-Butylbenzene	13.163	119	189099	42.201	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	240876	45.286	ug/l	97
85) sec-Butylbenzene	13.345	105	295900	42.329	ug/l	96
86) p-Isopropyltoluene	13.457	119	255071	43.345	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	147252	44.558	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	147076	44.421	ug/l	99
89) n-Butylbenzene	13.786	91	228692	41.585	ug/l	97
90) Hexachloroethane	14.051	117	51291	42.866	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	129620	46.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8639	52.902	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	74033	44.537	ug/l	95
94) Hexachlorobutadiene	15.198	225	37384	40.874	ug/l	96
95) Naphthalene	15.328	128	146638	49.922	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	69132	46.829	ug/l	99

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QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

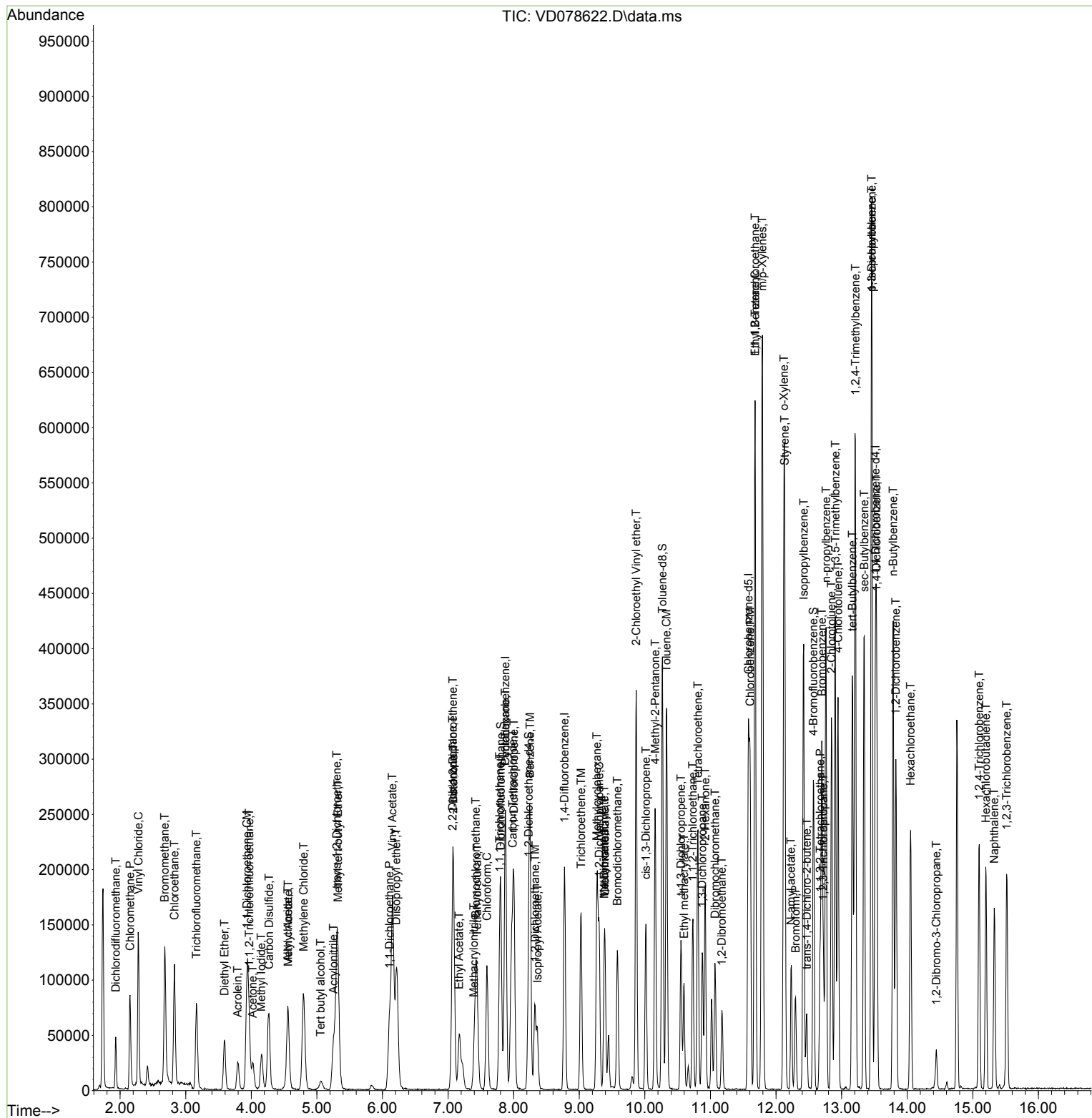
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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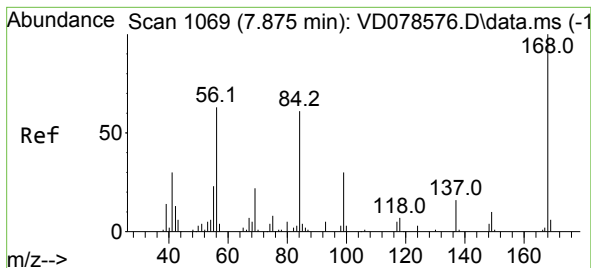
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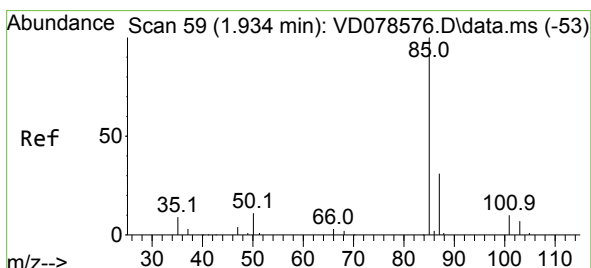
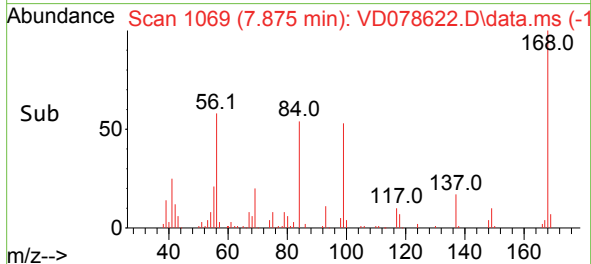
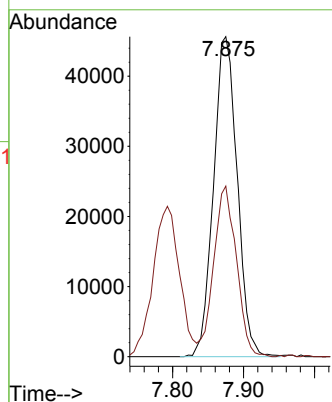
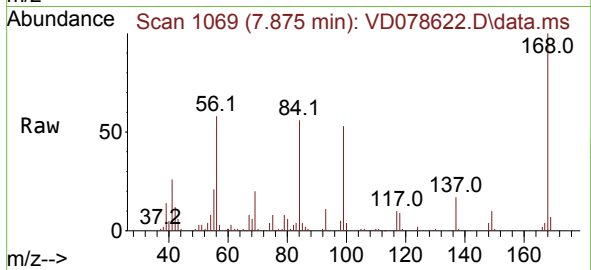




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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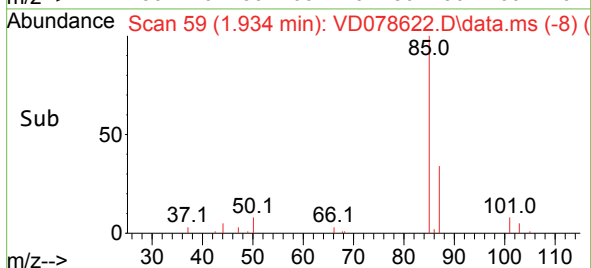
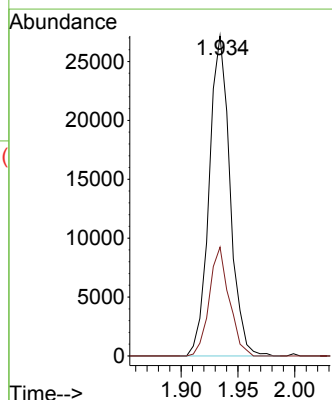
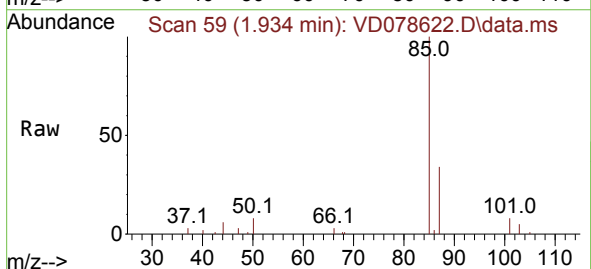
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

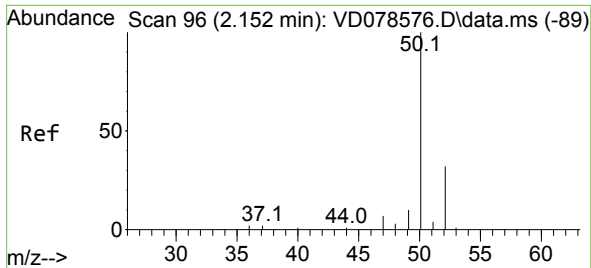
Tgt Ion:168 Resp: 105572
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 41.284 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 85 Resp: 34635
Ion Ratio Lower Upper
85 100
87 34.0 15.7 47.0

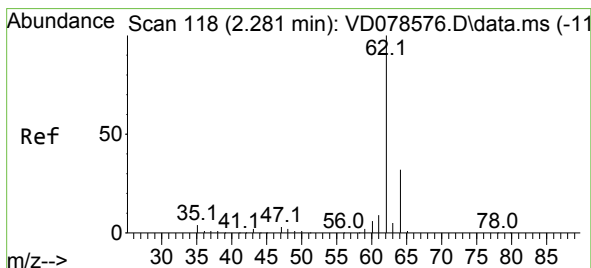
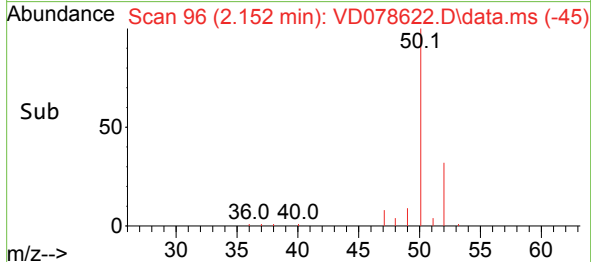
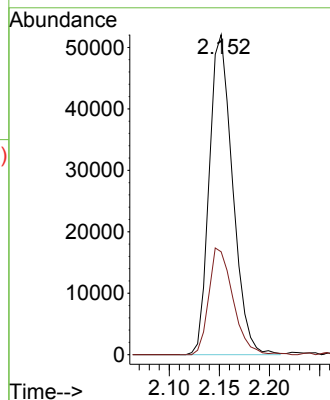
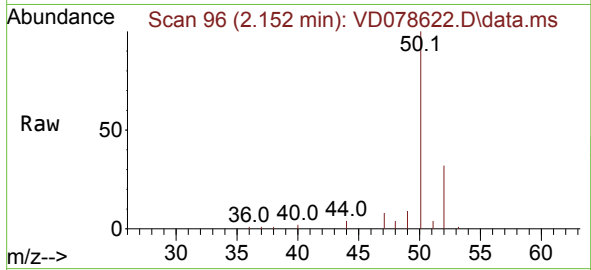




#3
Chloromethane
Concen: 57.228 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

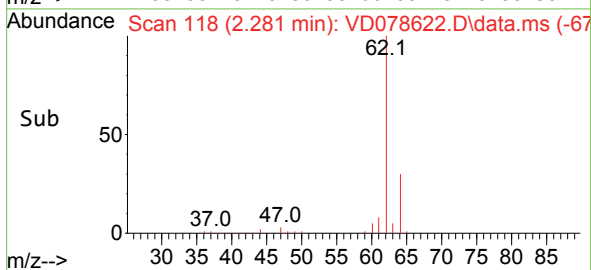
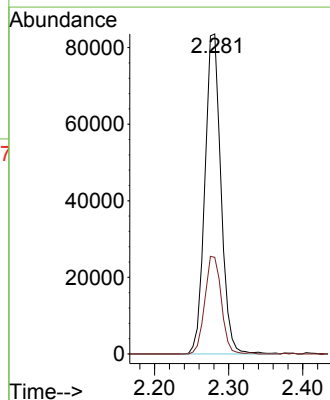
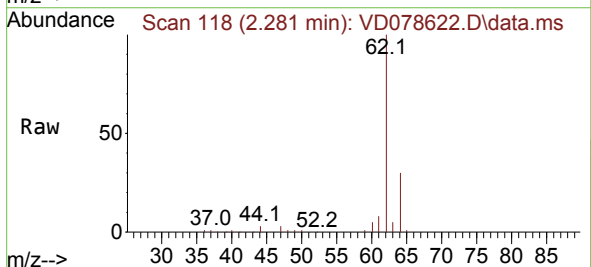
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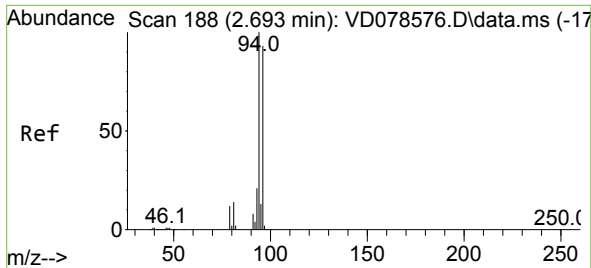
Tgt Ion: 50 Resp: 84212
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 48.662 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 62 Resp: 126278
Ion Ratio Lower Upper
62 100
64 30.2 26.0 39.0

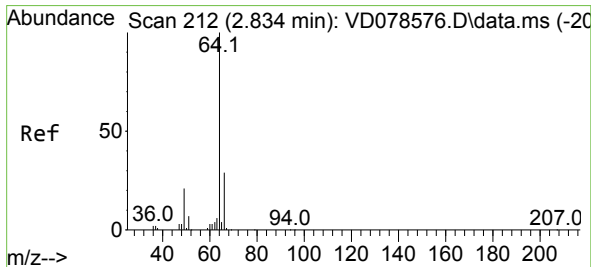
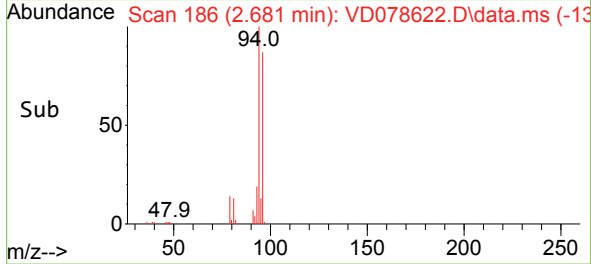
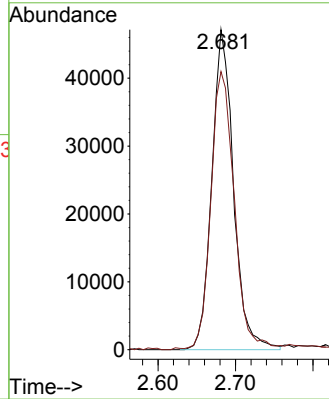
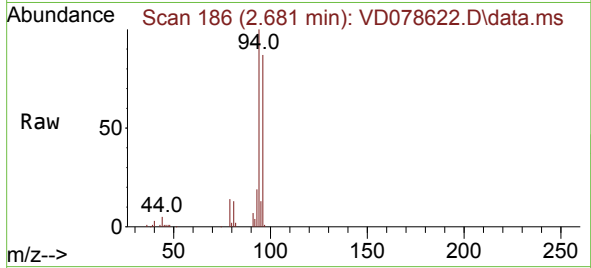




#5
Bromomethane
Concen: 44.295 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078622.D
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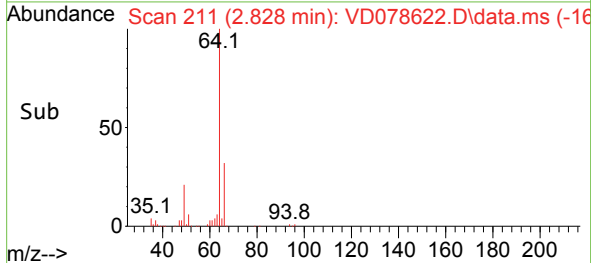
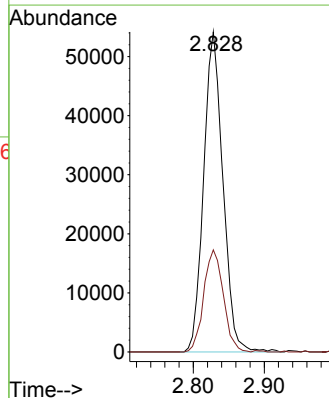
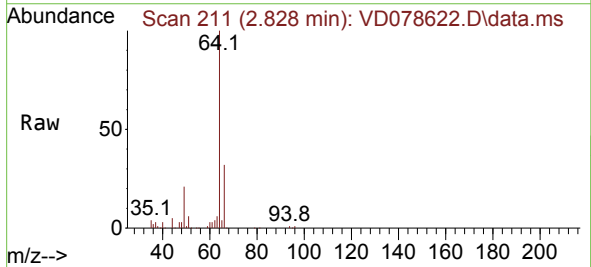
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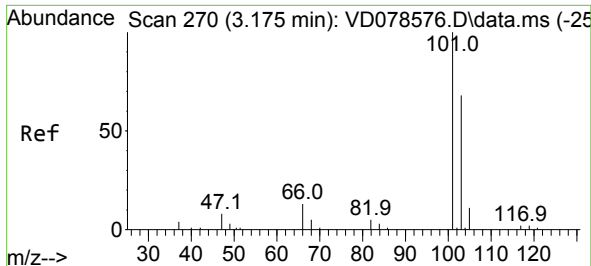
Tgt Ion: 94 Resp: 91804
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.8



#6
Chloroethane
Concen: 53.203 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD078622.D
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Tgt Ion: 64 Resp: 102328
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

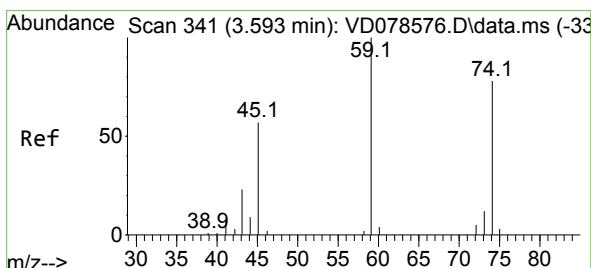
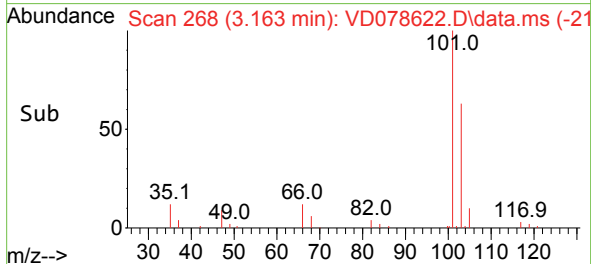
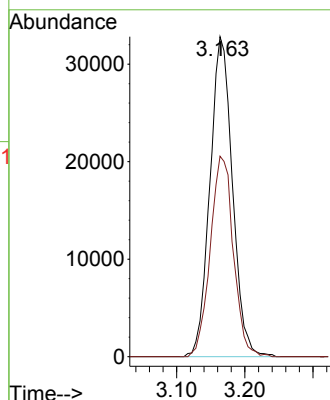
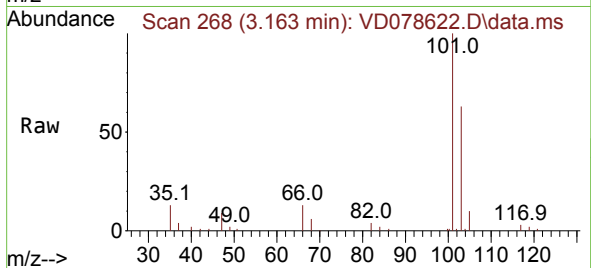




#7
Trichlorofluoromethane
Concen: 42.927 ug/l
RT: 3.163 min Scan# 270
Delta R.T. -0.012 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

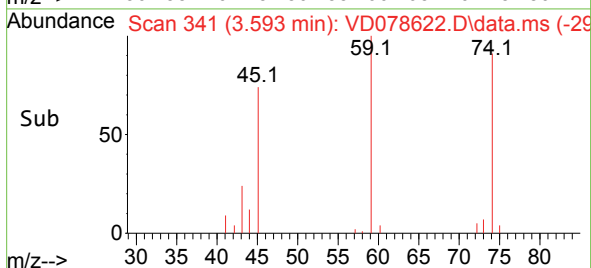
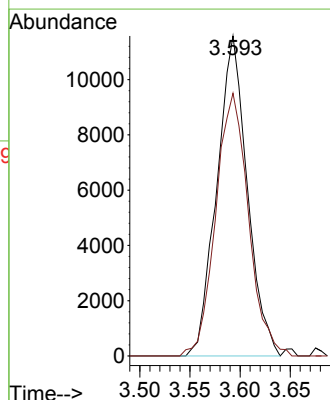
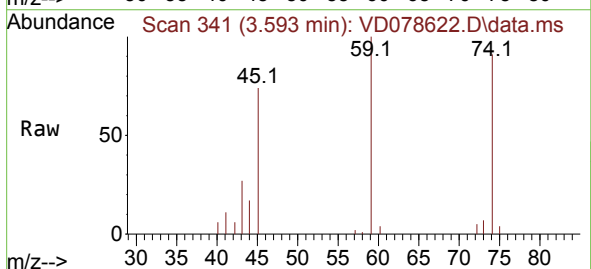
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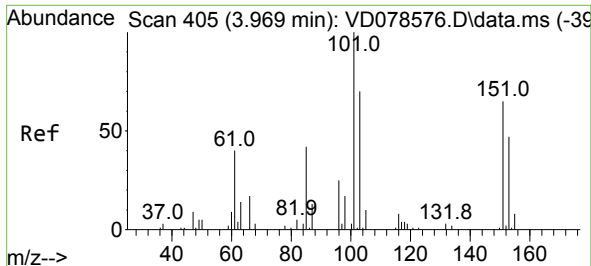
Tgt Ion:101 Resp: 75324
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5



#8
Diethyl Ether
Concen: 49.641 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 74 Resp: 24459
Ion Ratio Lower Upper
74 100
45 88.2 37.5 112.7

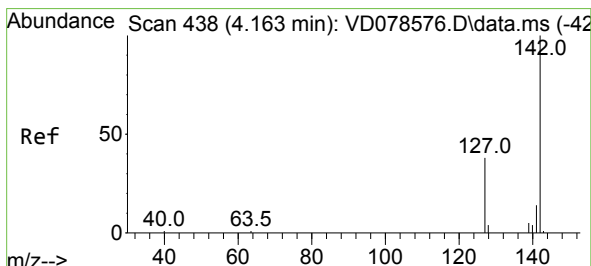
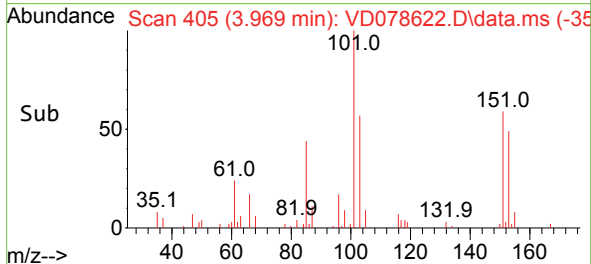
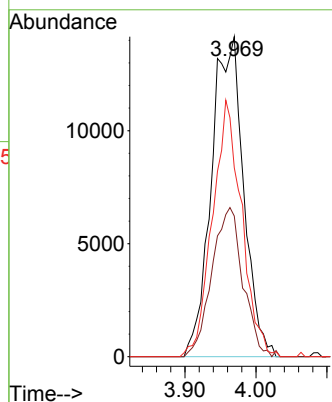
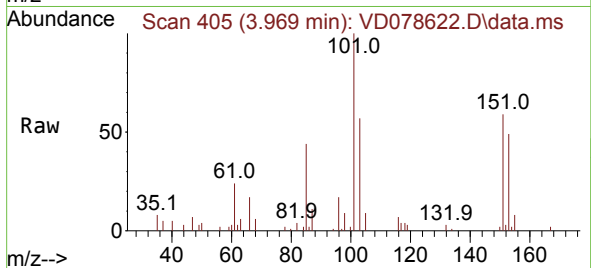




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.239 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

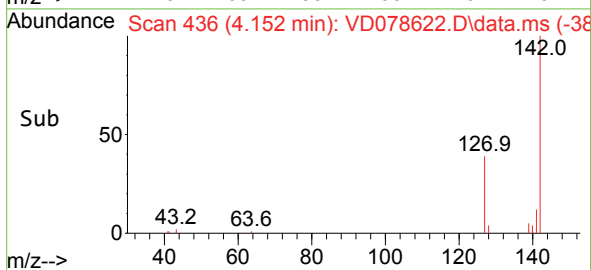
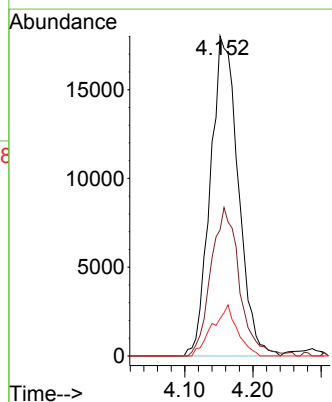
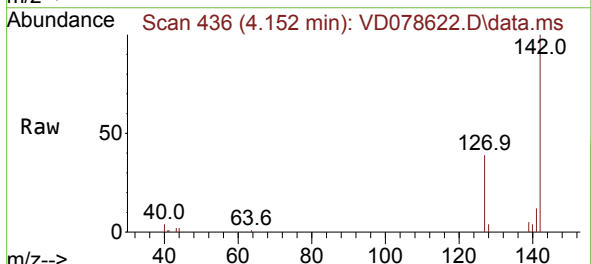
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

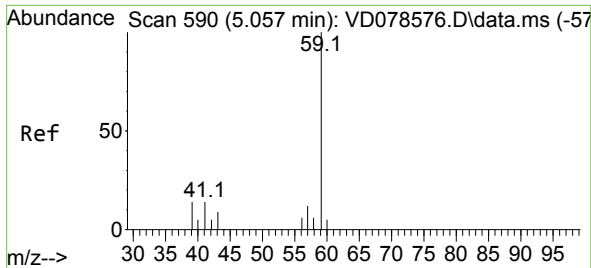
Tgt Ion:	101	Resp:	44500
Ion	Ratio	Lower	Upper
101	100		
85	45.2	33.8	50.6
151	72.7	59.8	89.6



#10
Methyl Iodide
Concen: 44.249 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.012 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:	142	Resp:	51207
Ion	Ratio	Lower	Upper
142	100		
127	47.4	29.4	44.0#
141	14.2	11.1	16.7

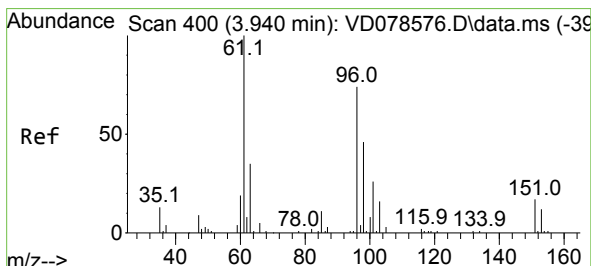
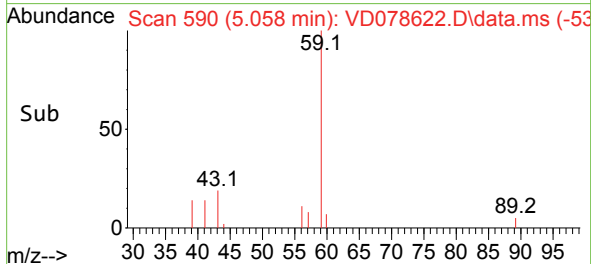
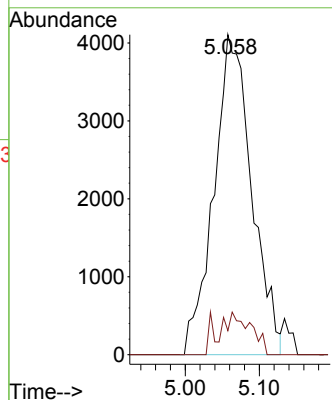
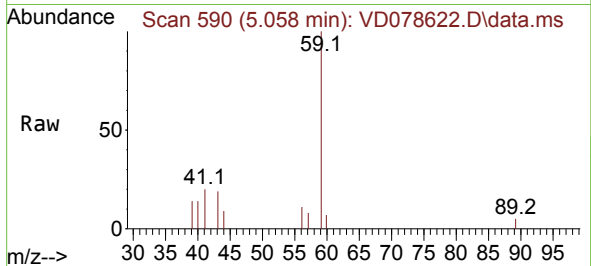




#11
Tert butyl alcohol
Concen: 296.070 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

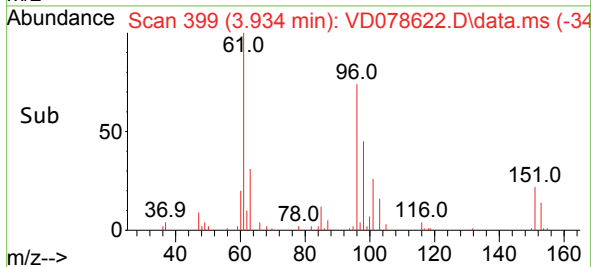
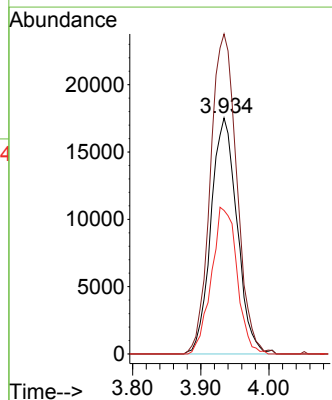
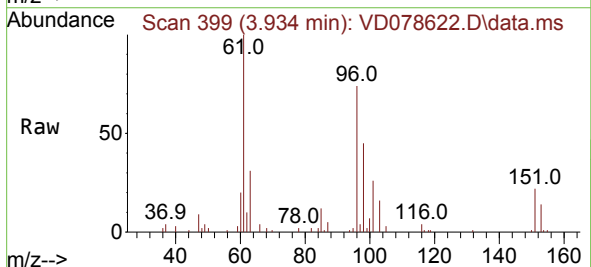
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

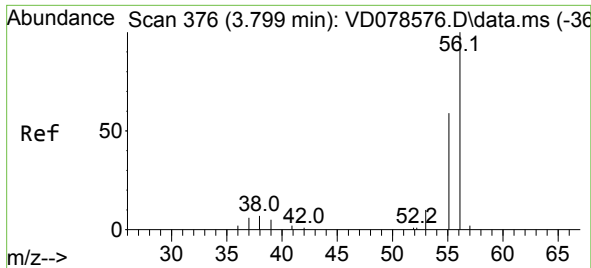
Tgt Ion: 59 Resp: 14550
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 45.259 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 96 Resp: 46726
Ion Ratio Lower Upper
96 100
61 135.6 100.6 150.8
98 60.8 50.2 75.2

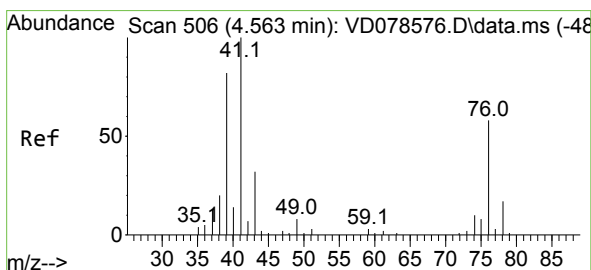
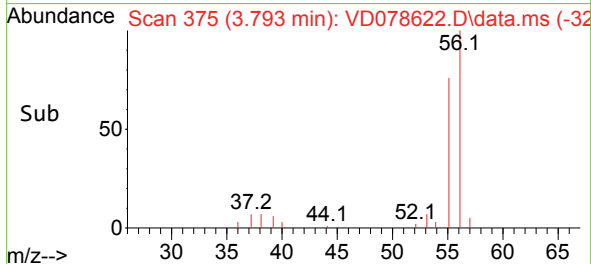
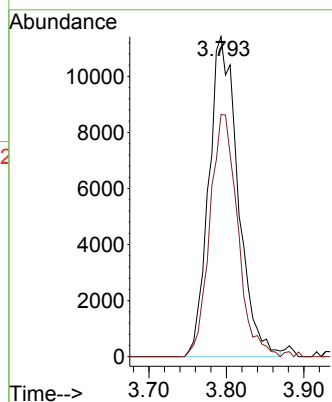
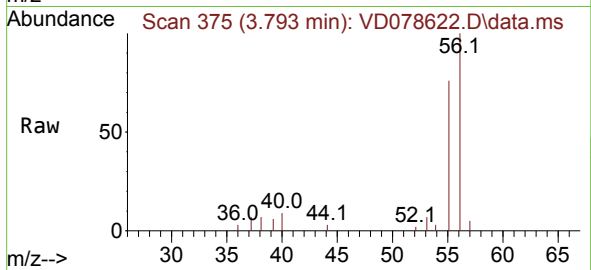




#13
Acrolein
Concen: 288.840 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

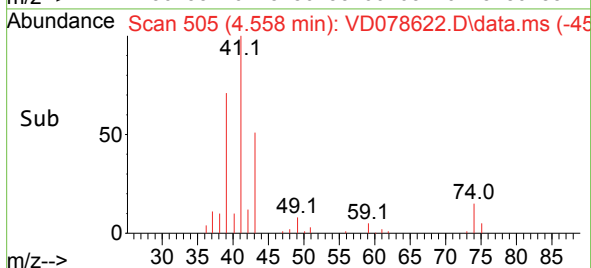
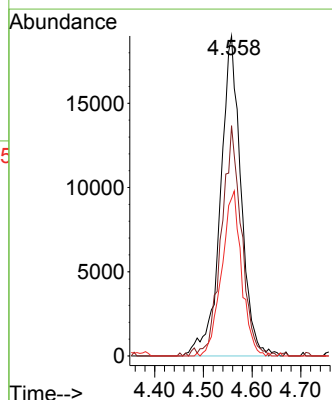
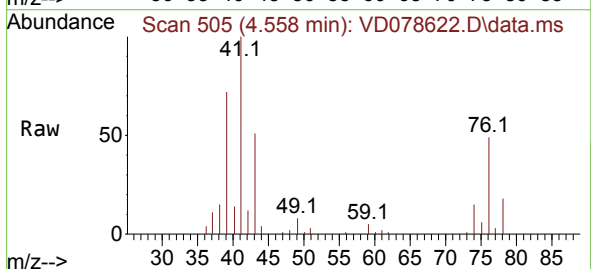
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

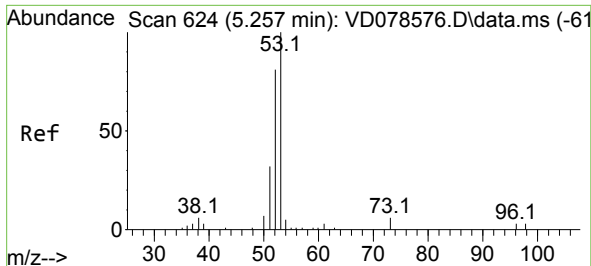
Tgt Ion: 56 Resp: 29978
Ion Ratio Lower Upper
56 100
55 71.8 55.1 82.7



#14
Allyl chloride
Concen: 47.488 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 41 Resp: 55841
Ion Ratio Lower Upper
41 100
39 68.2 53.8 80.6
76 49.8 45.8 68.8

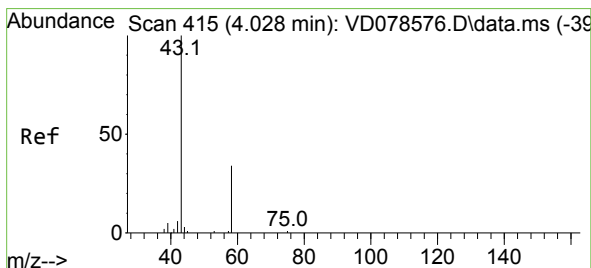
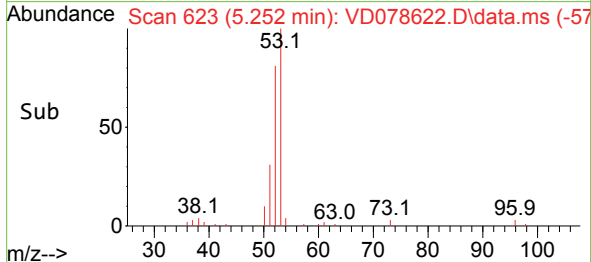
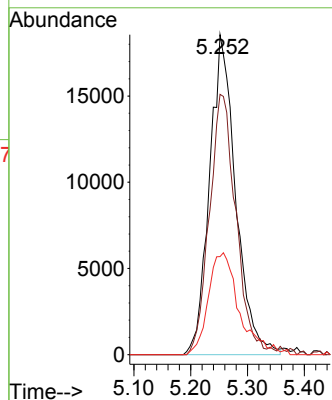
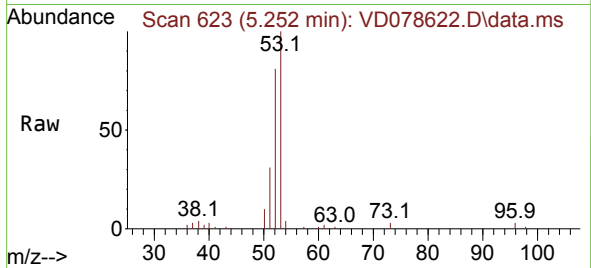




#15
Acrylonitrile
Concen: 292.590 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

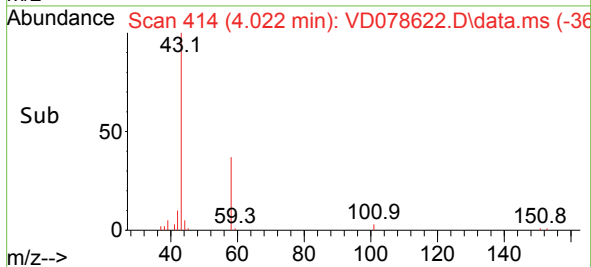
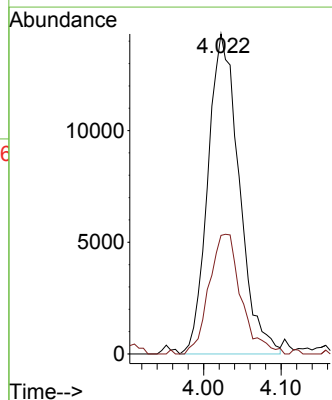
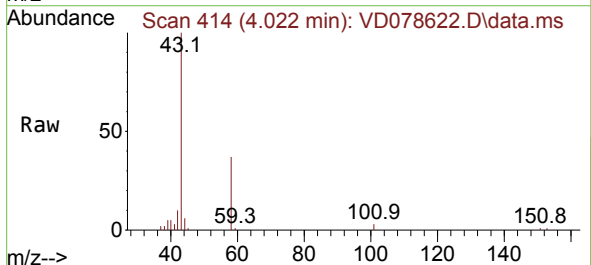
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

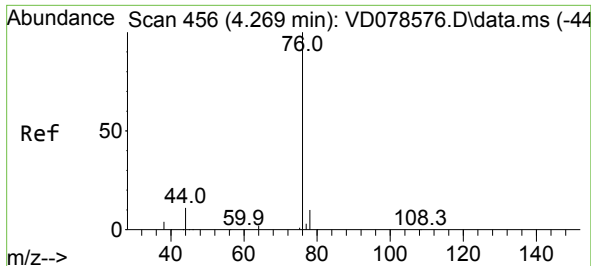
Tgt Ion:	53	Resp:	59435
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.0	97.4
51	37.6	28.3	42.5



#16
Acetone
Concen: 200.608 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:	43	Resp:	40221
Ion	Ratio	Lower	Upper
43	100		
58	37.1	34.7	52.1

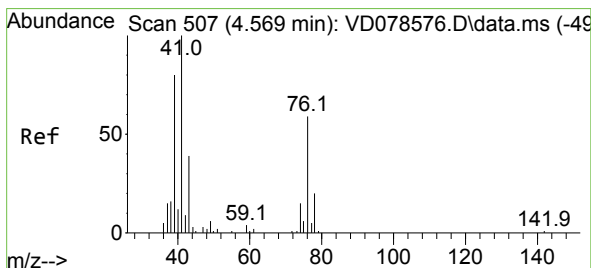
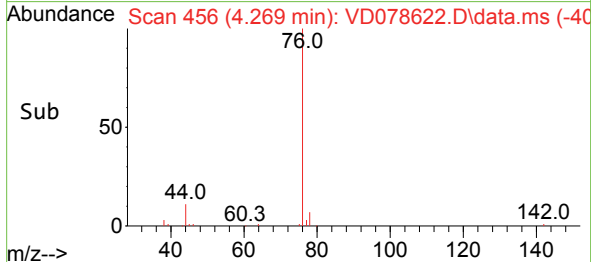
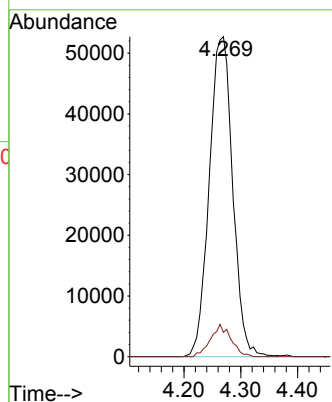
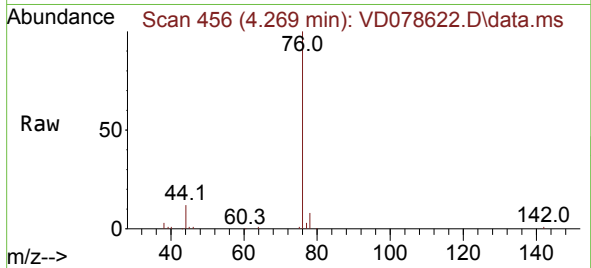




#17
Carbon Disulfide
Concen: 43.883 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

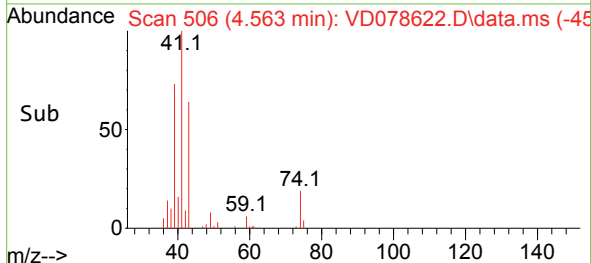
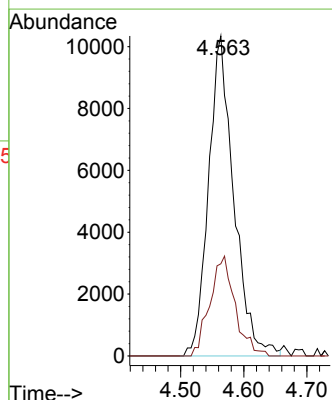
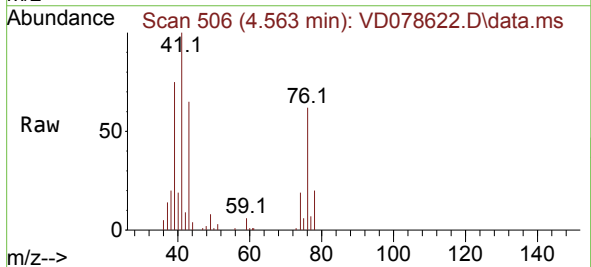
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

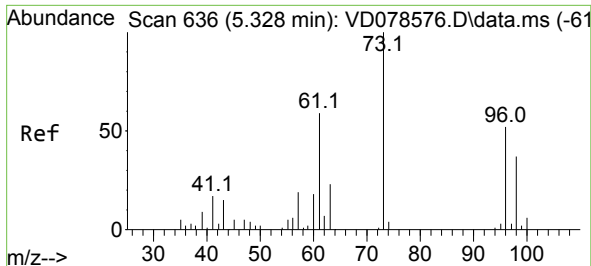
Tgt Ion: 76 Resp: 150941
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 75.663 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 43 Resp: 28714
Ion Ratio Lower Upper
43 100
74 31.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 54.953 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

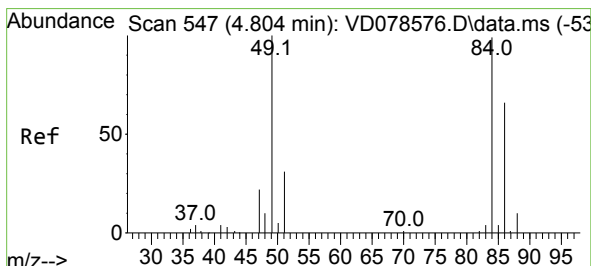
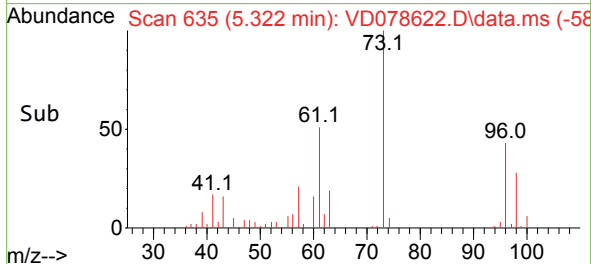
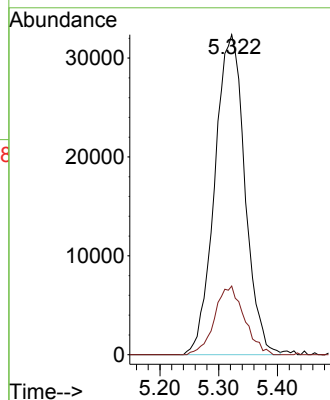
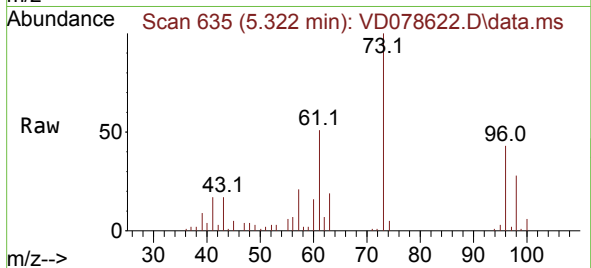
VSTDCCC050EC

Tgt Ion: 73 Resp: 115354

Ion Ratio Lower Upper

73 100

57 21.4 16.6 25.0



#20

Methylene Chloride

Concen: 50.397 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Tgt Ion: 84 Resp: 69045

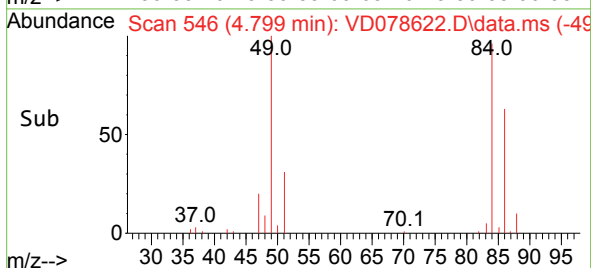
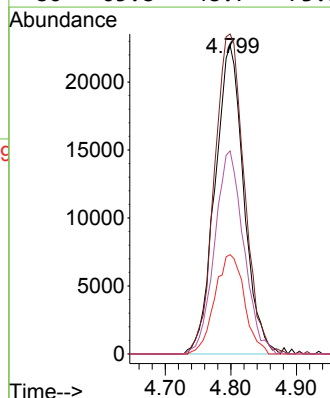
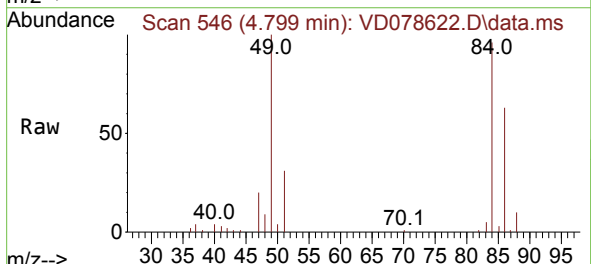
Ion Ratio Lower Upper

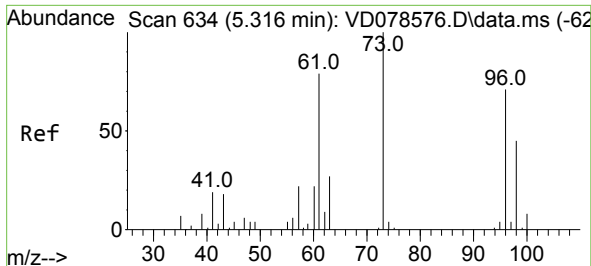
84 100

49 103.7 71.4 107.2

51 32.2 24.5 36.7

86 65.8 48.7 73.1

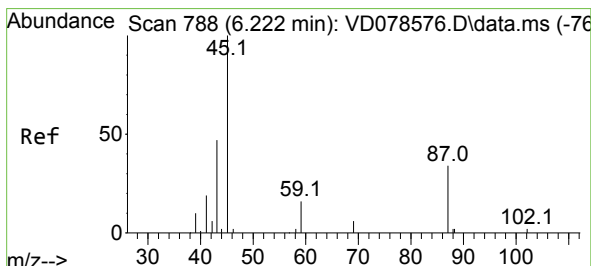
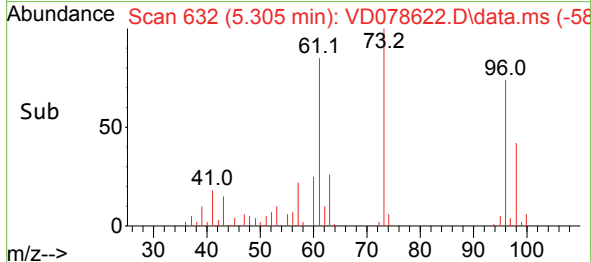
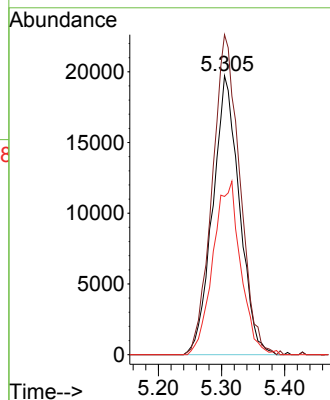
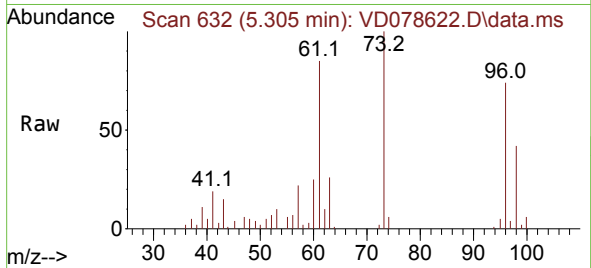




#21
trans-1,2-Dichloroethene
Concen: 46.695 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

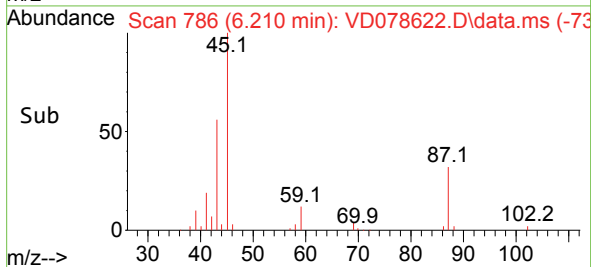
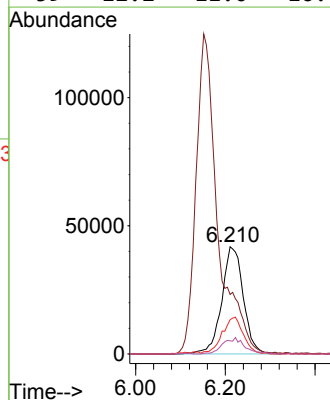
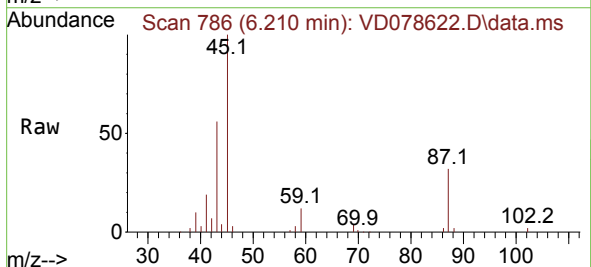
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

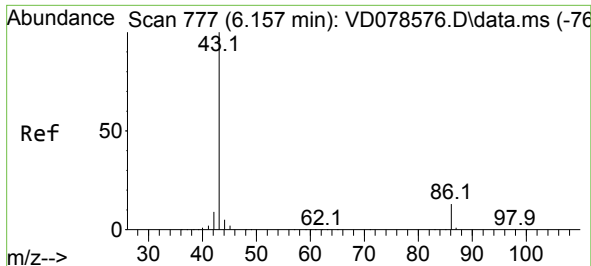
Tgt Ion: 96 Resp: 57924
Ion Ratio Lower Upper
96 100
61 114.7 89.3 133.9
98 56.7 48.6 73.0



#22
Diisopropyl ether
Concen: 53.056 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 45 Resp: 139880
Ion Ratio Lower Upper
45 100
43 54.5 40.0 60.0
87 31.9 28.2 42.4
59 12.2 11.0 16.4

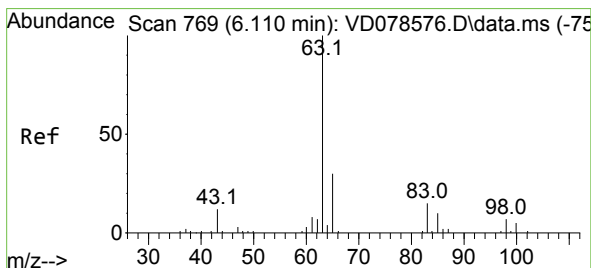
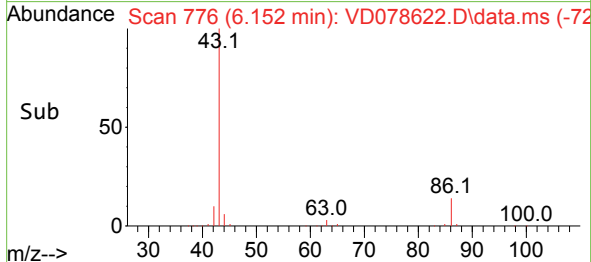
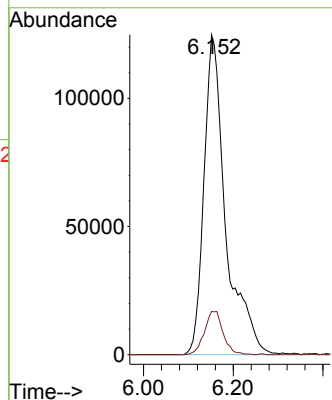
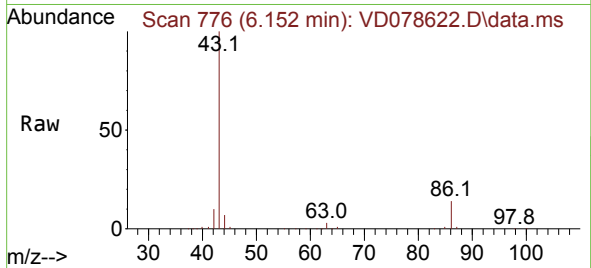




#23
 Vinyl Acetate
 Concen: 268.856 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

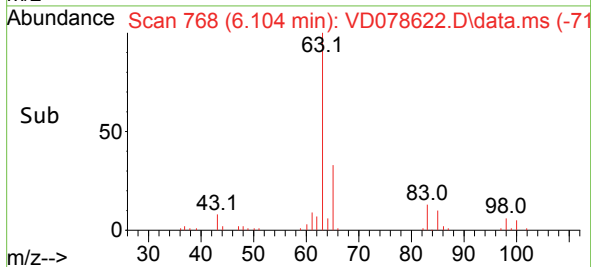
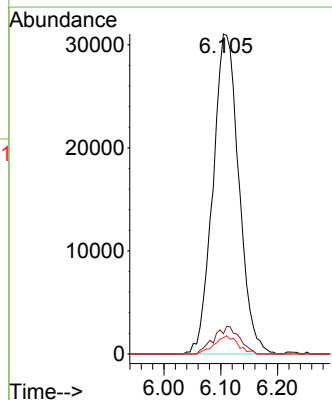
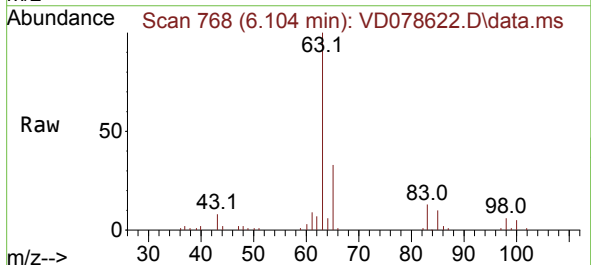
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

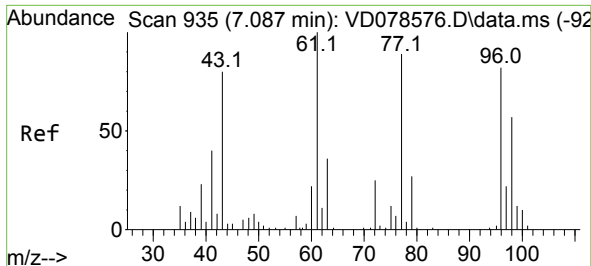
Tgt Ion: 43 Resp: 420980
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 49.462 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

Tgt Ion: 63 Resp: 98517
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 5.1 2.5 7.5





#25

2-Butanone

Concen: 263.012 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

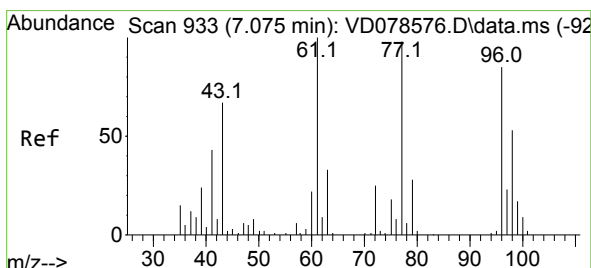
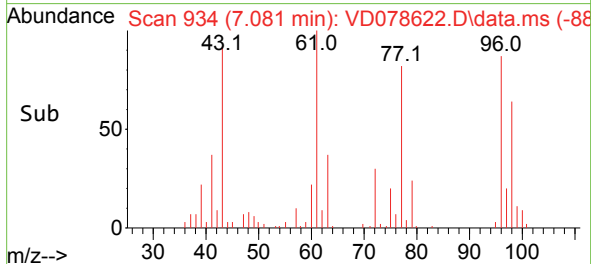
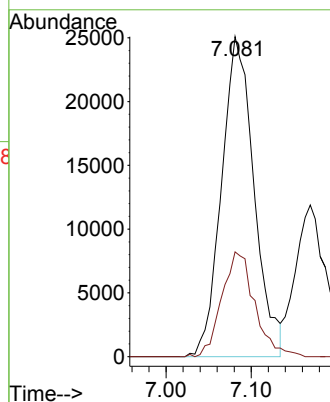
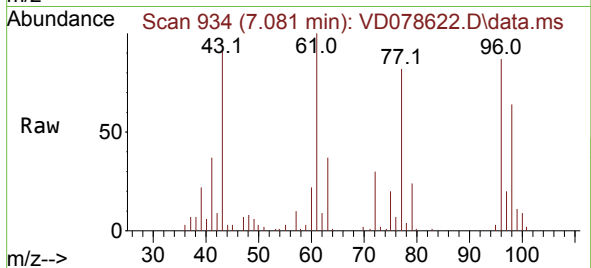
VSTDCCC050EC

Tgt Ion: 43 Resp: 66518

Ion Ratio Lower Upper

43 100

72 32.8 30.7 46.1



#26

2,2-Dichloropropane

Concen: 41.618 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD078622.D

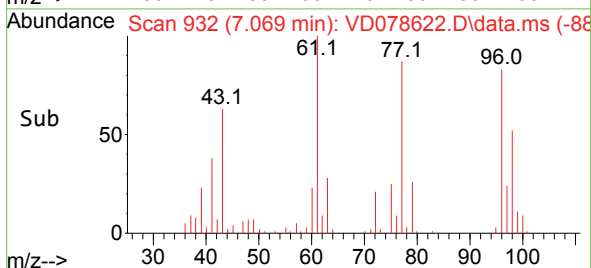
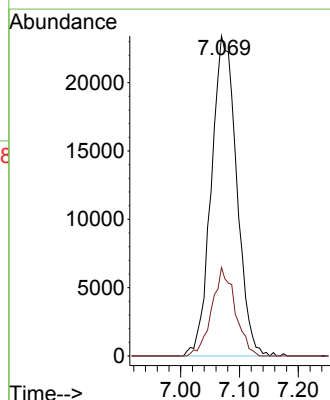
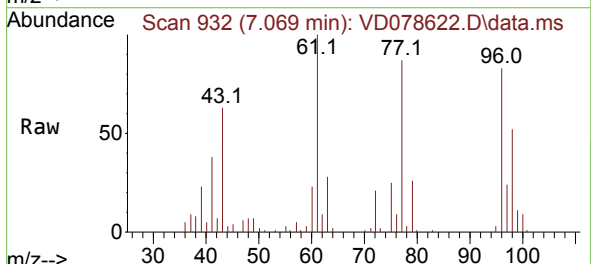
Acq: 08 Mar 2024 18:51

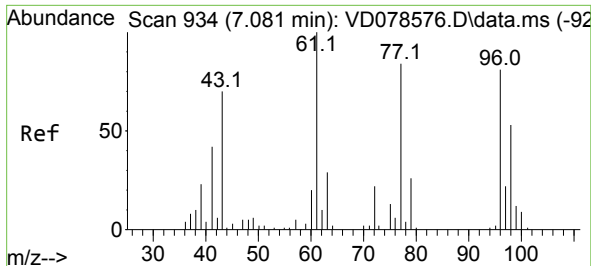
Tgt Ion: 77 Resp: 70029

Ion Ratio Lower Upper

77 100

97 25.5 13.2 39.6

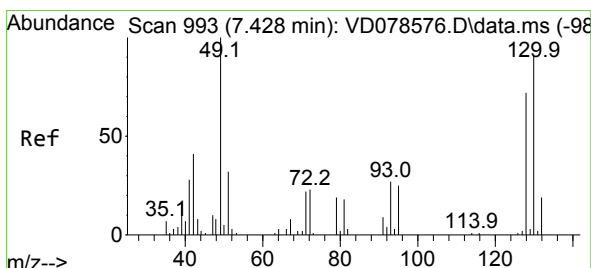
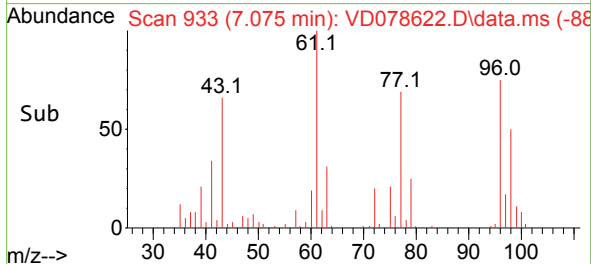
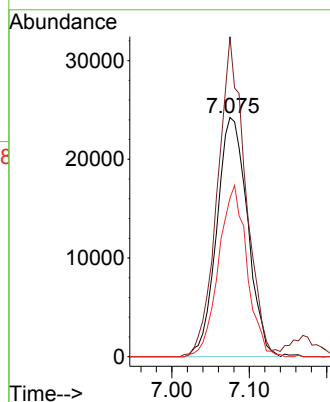
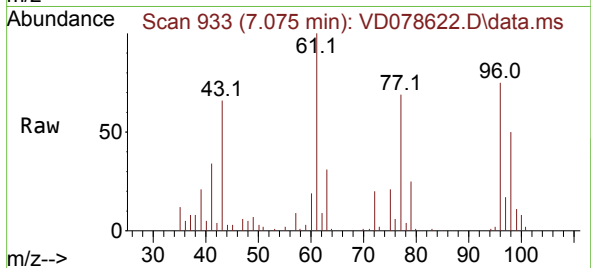




#27
cis-1,2-Dichloroethene
Concen: 49.272 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

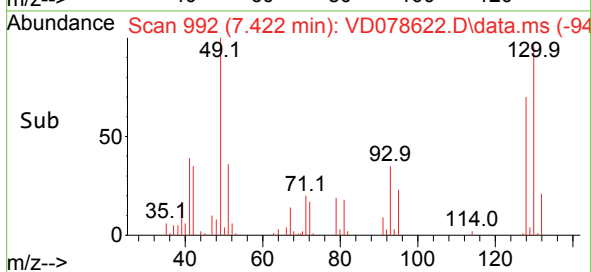
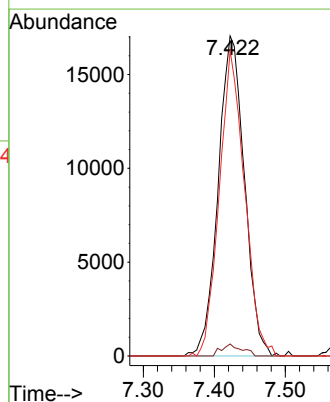
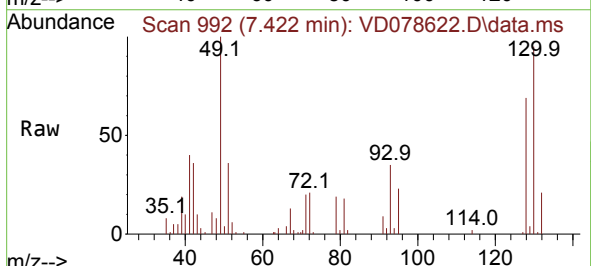
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

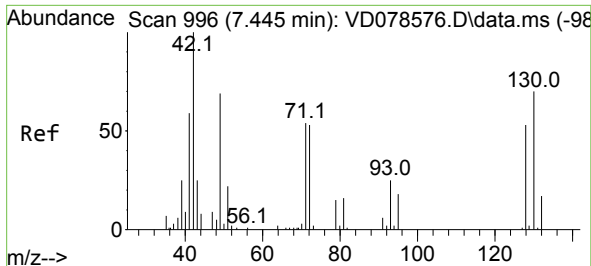
Tgt Ion: 96 Resp: 66926
Ion Ratio Lower Upper
96 100
61 121.9 0.0 239.2
98 66.0 0.0 128.6



#28
Bromochloromethane
Concen: 58.812 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 49 Resp: 43762
Ion Ratio Lower Upper
49 100
129 2.9 0.0 6.0
130 91.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 310.681 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

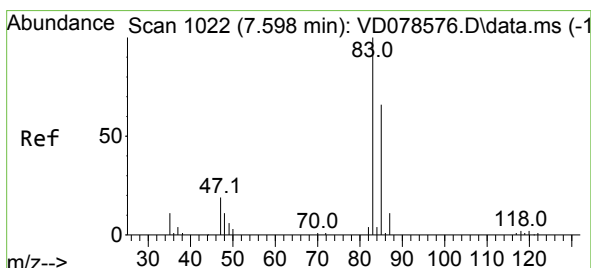
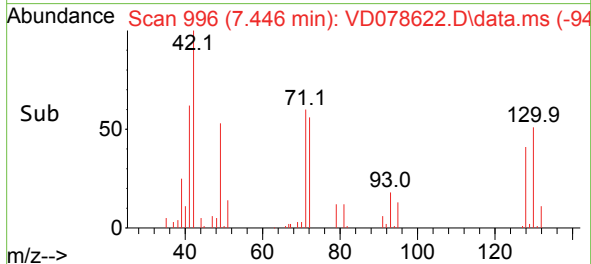
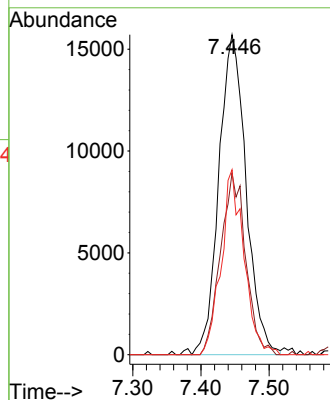
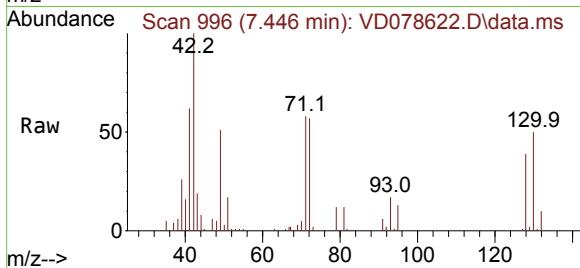
Tgt Ion: 42 Resp: 43653

Ion Ratio Lower Upper

42 100

72 52.6 46.5 69.7

71 48.6 44.5 66.7



#30

Chloroform

Concen: 50.413 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078622.D

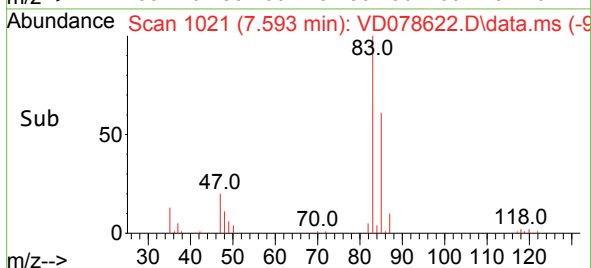
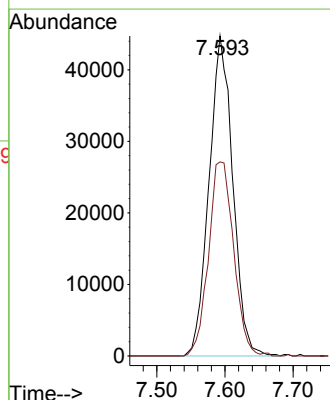
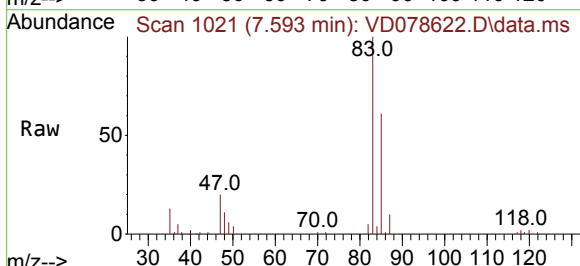
Acq: 08 Mar 2024 18:51

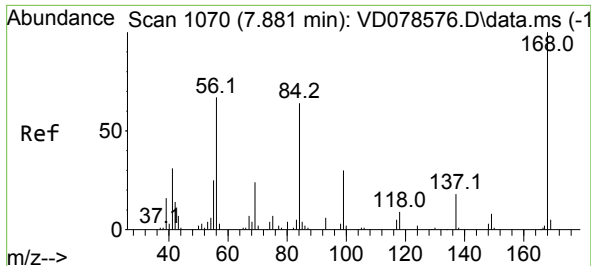
Tgt Ion: 83 Resp: 108417

Ion Ratio Lower Upper

83 100

85 60.7 53.4 80.2

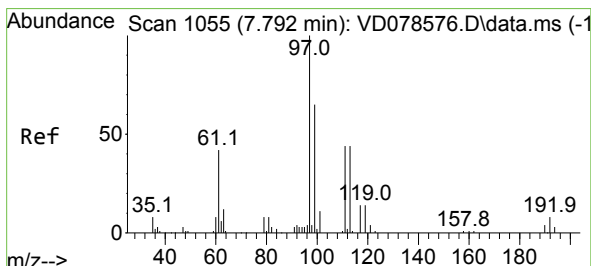
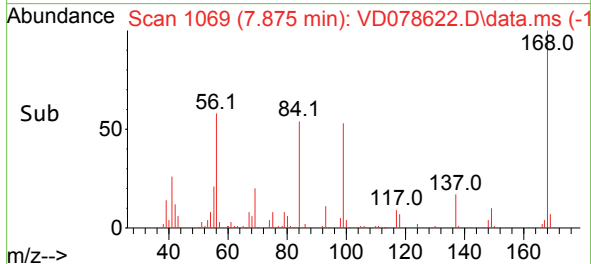
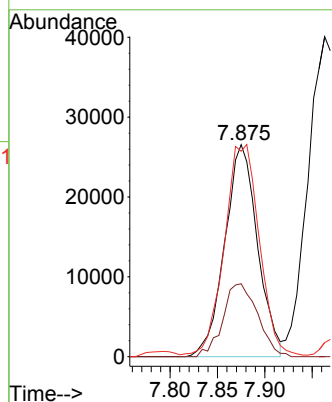
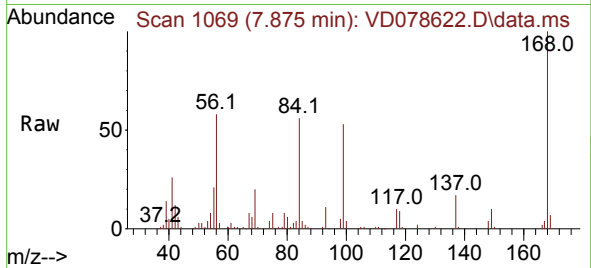




#31
Cyclohexane
Concen: 39.016 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

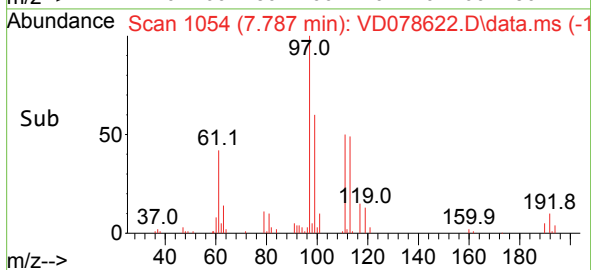
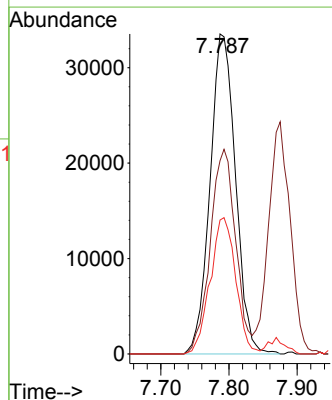
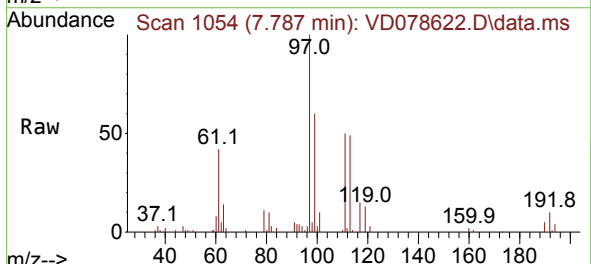
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

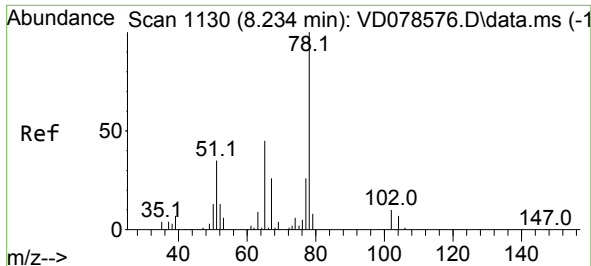
Tgt Ion: 56 Resp: 63908
Ion Ratio Lower Upper
56 100
69 34.4 28.6 43.0
84 96.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 47.294 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 97 Resp: 87252
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 42.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 63.678 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

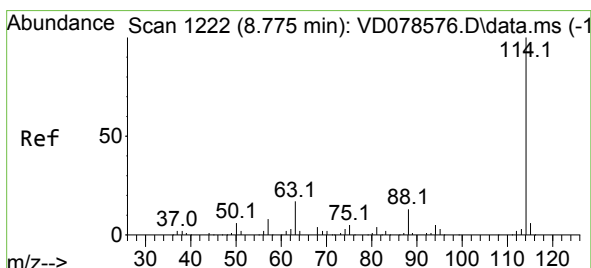
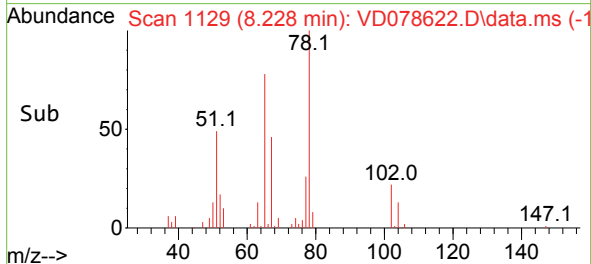
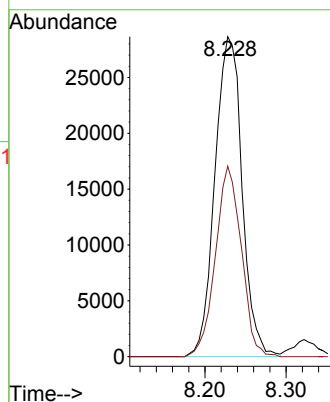
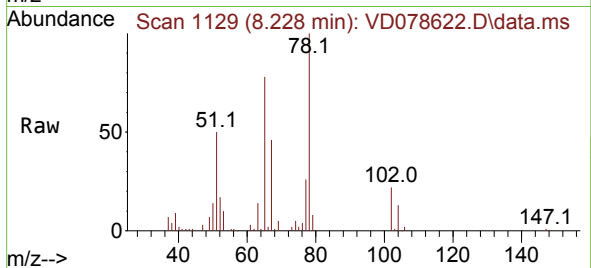
VSTDCCC050EC

Tgt Ion: 65 Resp: 66640

Ion Ratio Lower Upper

65 100

67 56.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

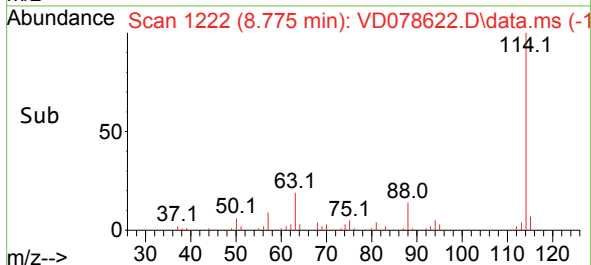
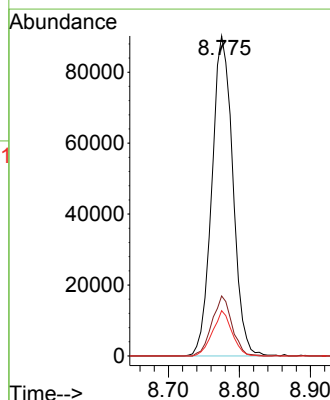
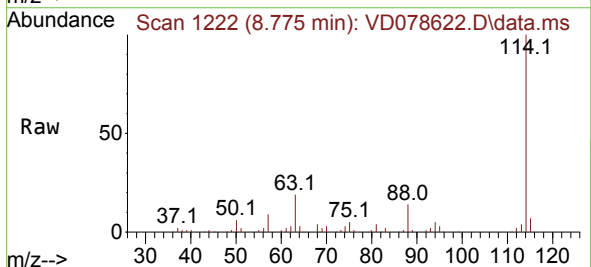
Tgt Ion: 114 Resp: 184435

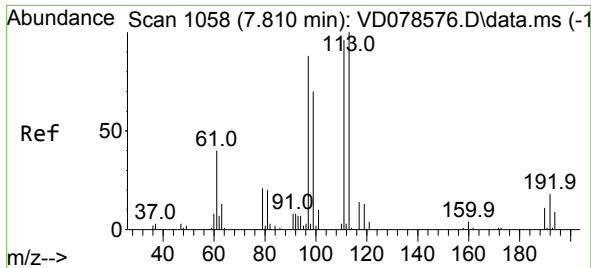
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.2 0.0 26.2

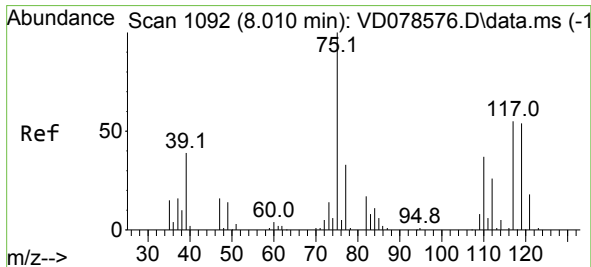
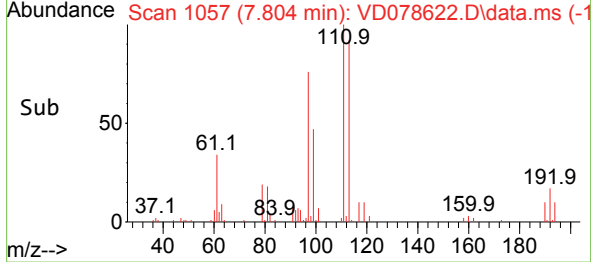
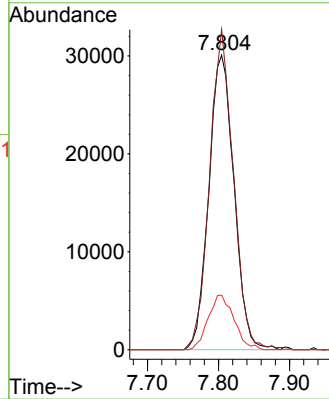
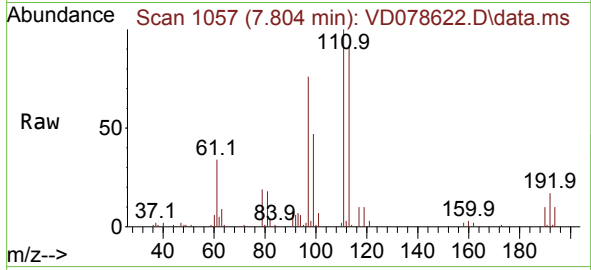




#35
Dibromofluoromethane
Concen: 61.696 ug/l
RT: 7.804 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

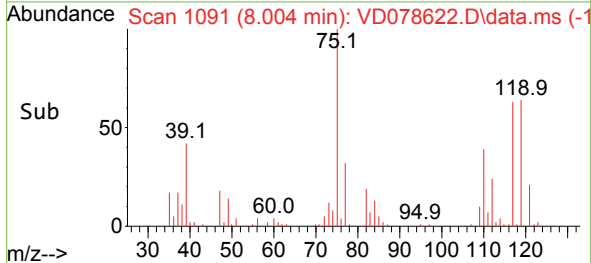
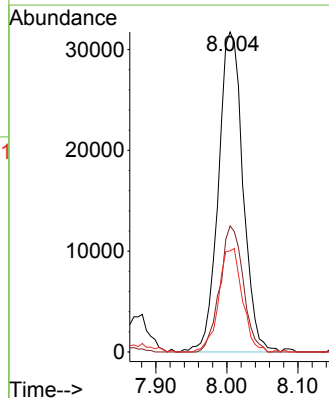
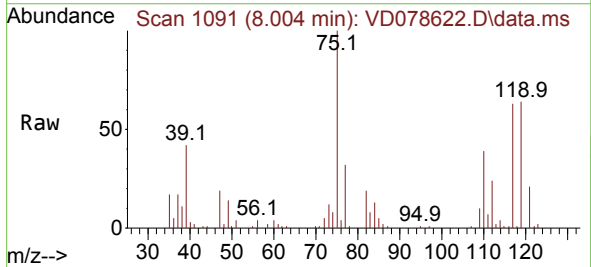
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

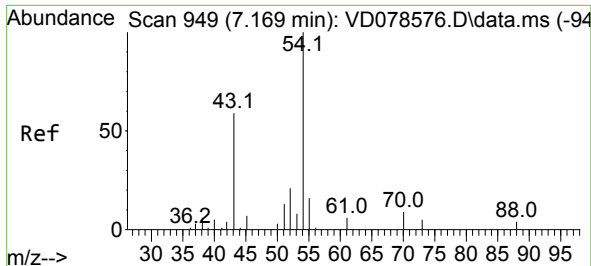
Tgt Ion:113 Resp: 74019
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 45.893 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 75 Resp: 76190
Ion Ratio Lower Upper
75 100
110 37.5 19.9 59.6
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 57.917 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

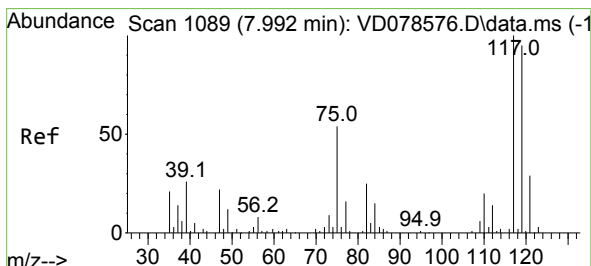
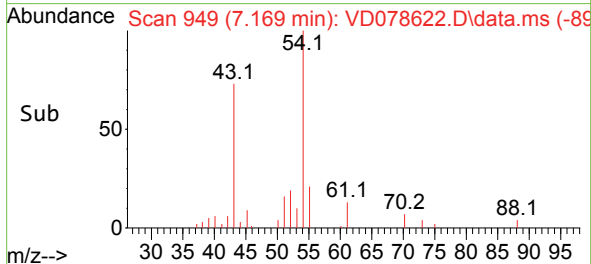
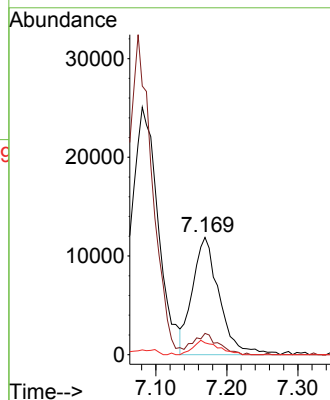
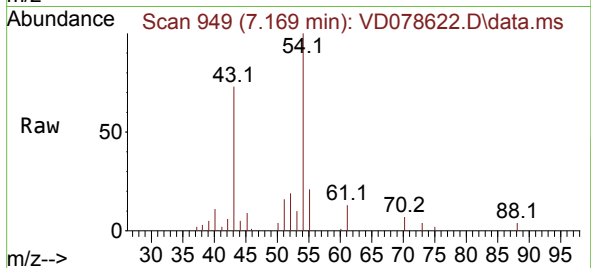
Tgt Ion: 43 Resp: 31155

Ion Ratio Lower Upper

43 100

61 16.8 14.9 22.3

70 11.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 44.480 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

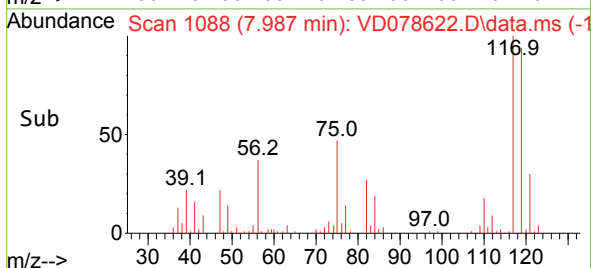
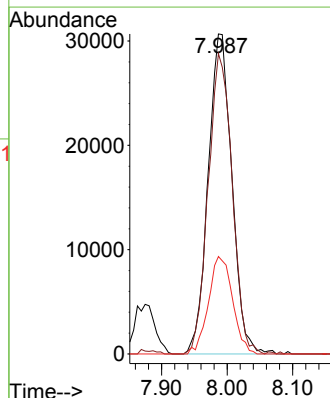
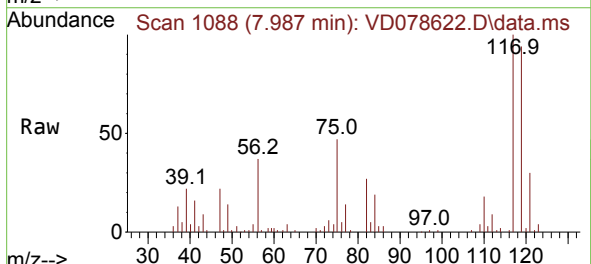
Tgt Ion: 117 Resp: 77237

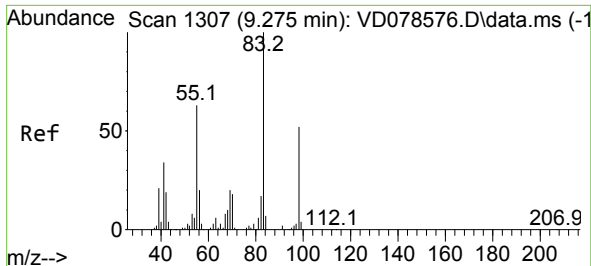
Ion Ratio Lower Upper

117 100

119 93.8 78.0 117.0

121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 41.237 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

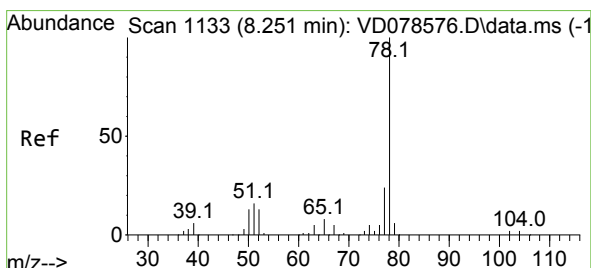
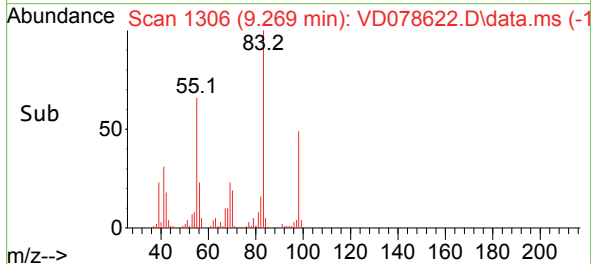
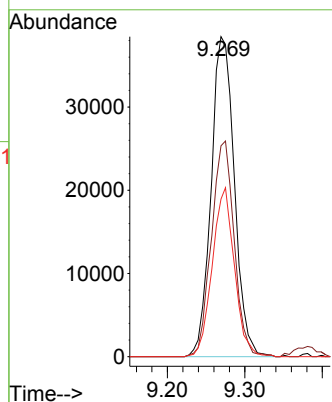
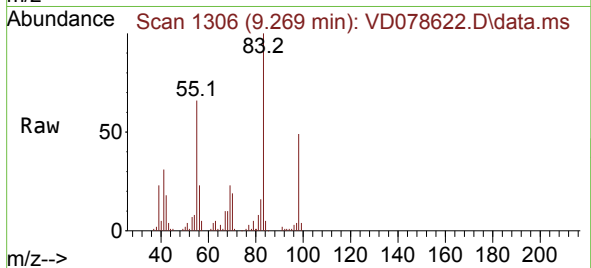
Tgt Ion: 83 Resp: 80352

Ion Ratio Lower Upper

83 100

55 65.9 49.4 74.0

98 49.2 38.4 57.6



#40

Benzene

Concen: 47.922 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078622.D

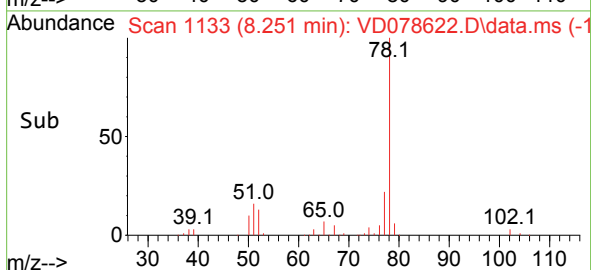
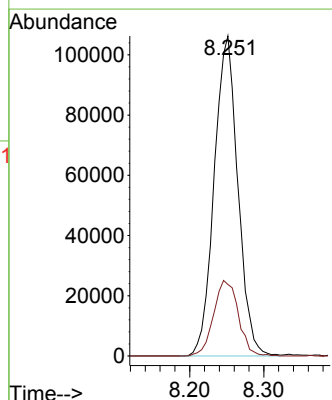
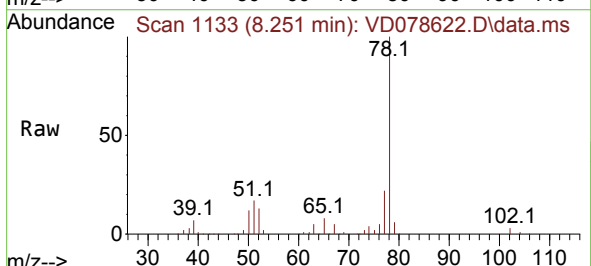
Acq: 08 Mar 2024 18:51

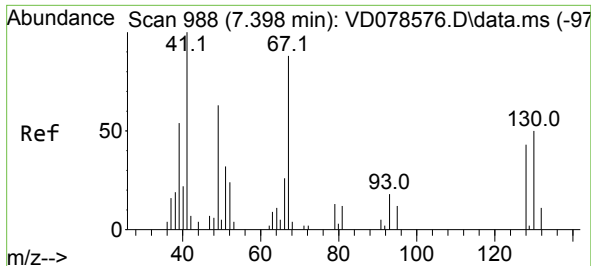
Tgt Ion: 78 Resp: 235816

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0

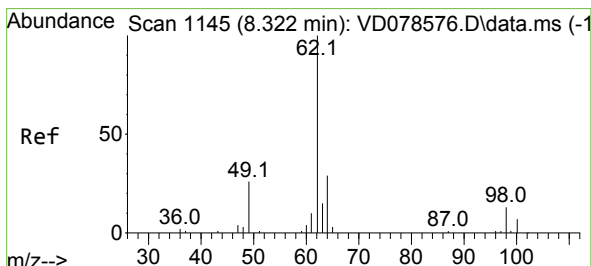
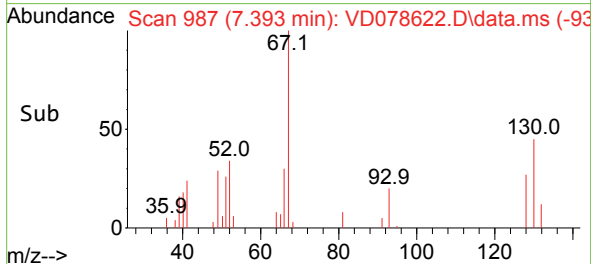
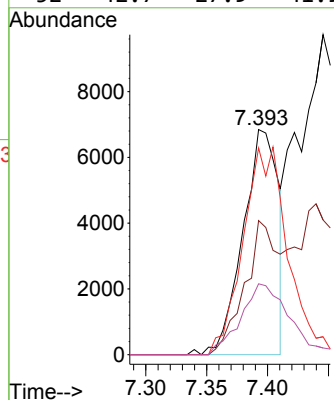
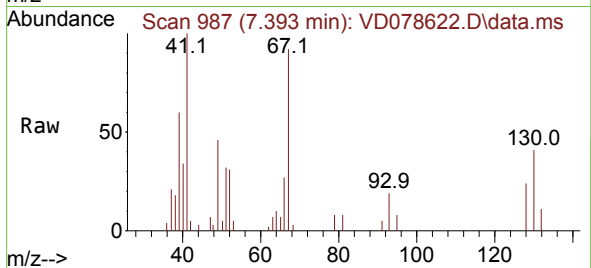




#41
Methacrylonitrile
Concen: 48.010 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

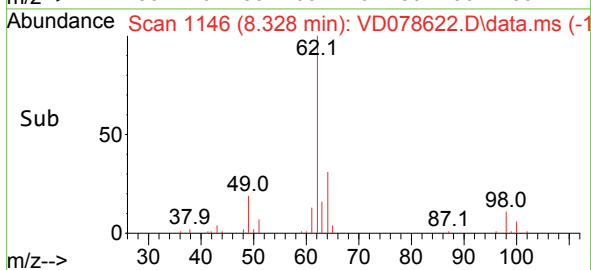
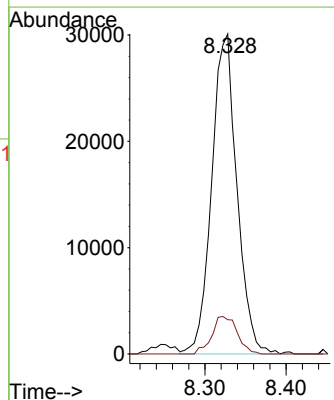
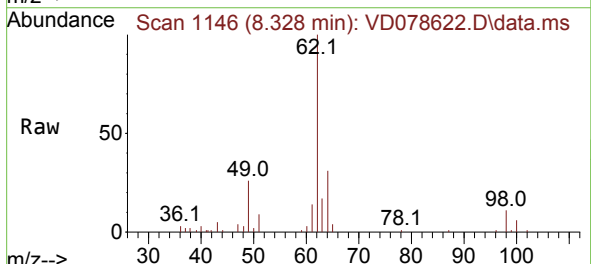
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

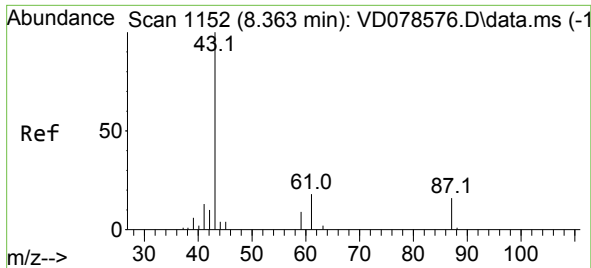
Tgt Ion:	41	Resp:	13842
Ion	Ratio	Lower	Upper
41	100		
39	55.2	34.0	51.0#
67	116.8	77.0	115.4#
52	42.7	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 52.085 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:	62	Resp:	65022
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	25.4

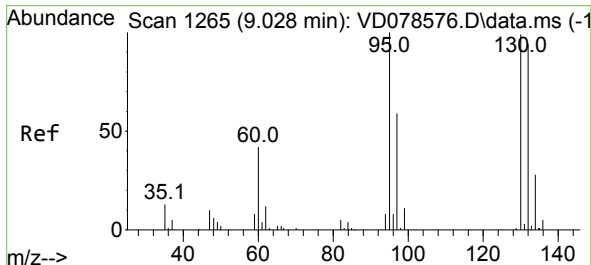
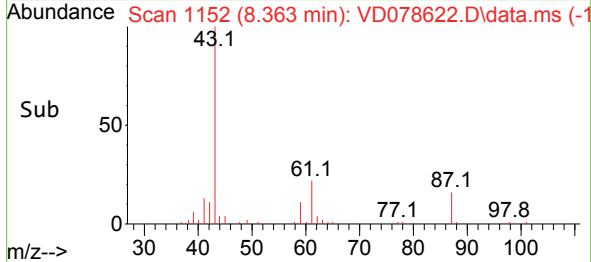
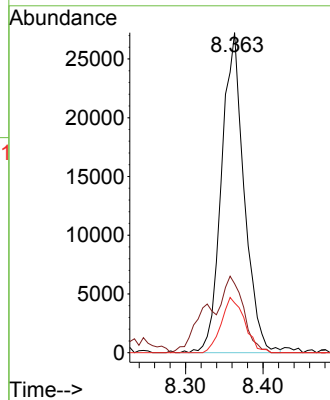
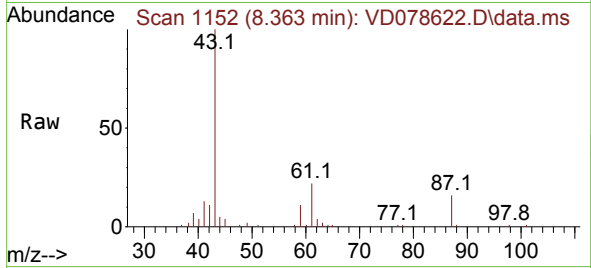




#43
Isopropyl Acetate
Concen: 53.680 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

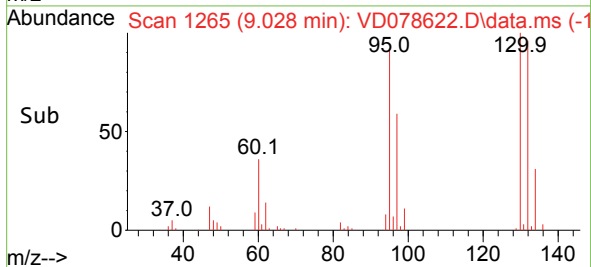
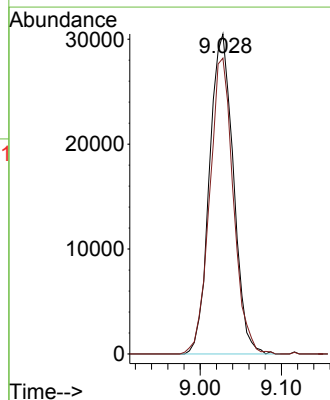
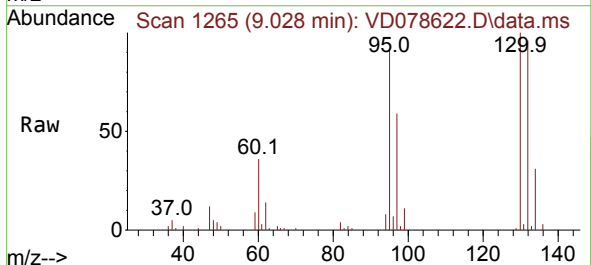
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

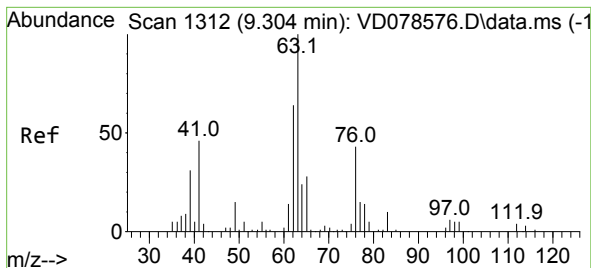
Tgt Ion: 43 Resp: 55360
Ion Ratio Lower Upper
43 100
61 22.5 31.4 47.0#
87 17.9 14.9 22.3



#44
Trichloroethene
Concen: 46.190 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:130 Resp: 62373
Ion Ratio Lower Upper
130 100
95 92.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.325 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

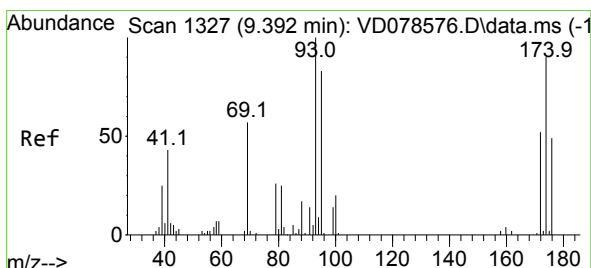
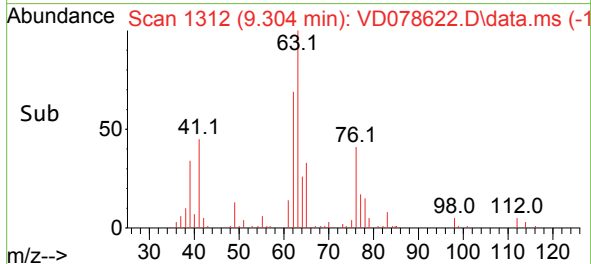
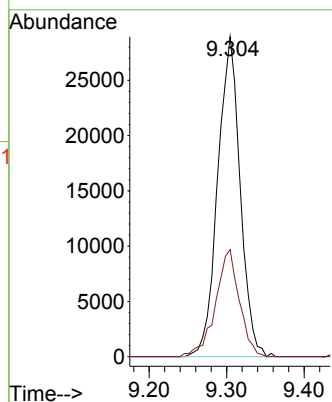
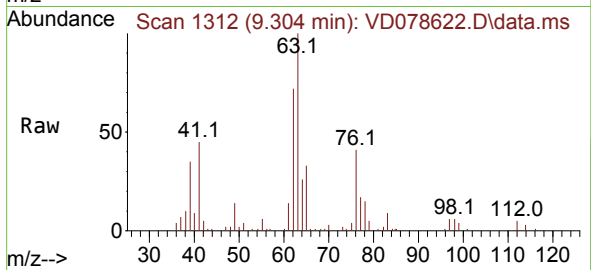
VSTDC050EC

Tgt Ion: 63 Resp: 58307

Ion Ratio Lower Upper

63 100

65 33.4 24.5 36.7



#46

Dibromomethane

Concen: 53.255 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

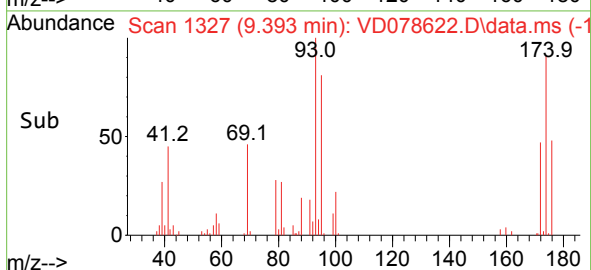
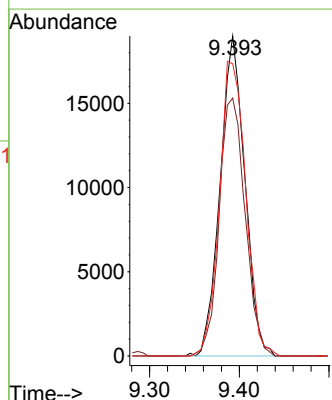
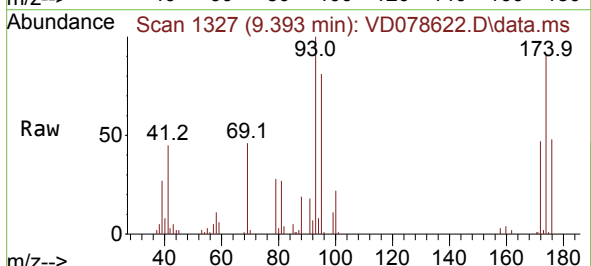
Tgt Ion: 93 Resp: 36291

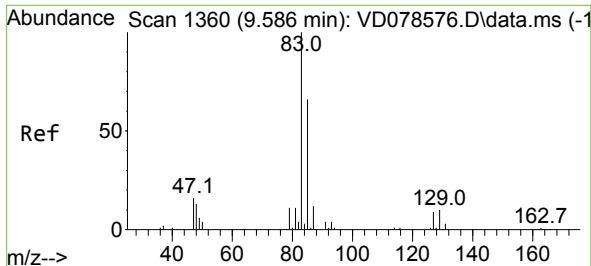
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

174 98.3 85.4 128.2

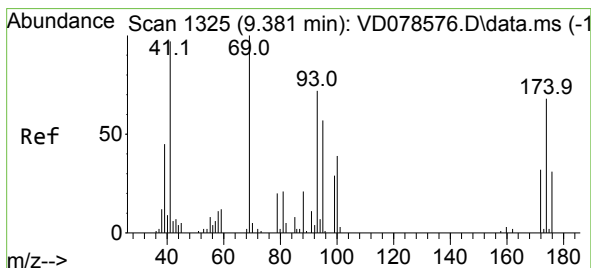
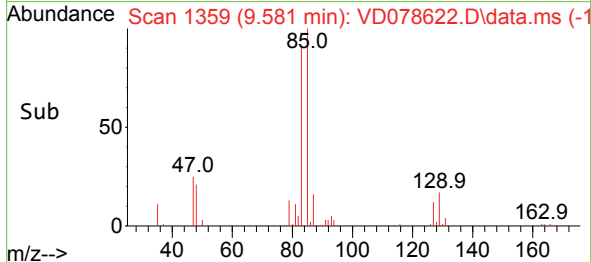
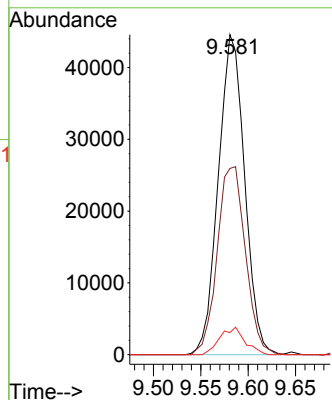
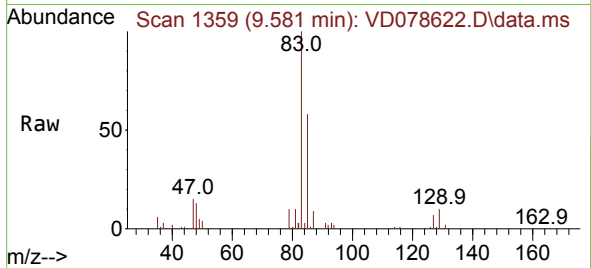




#47
Bromodichloromethane
Concen: 51.353 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

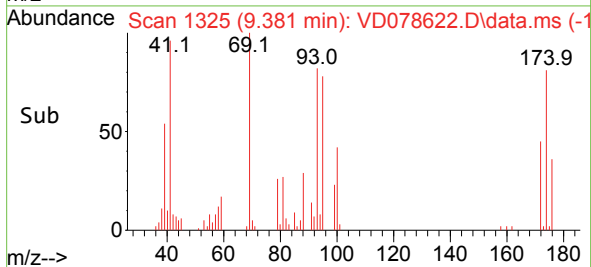
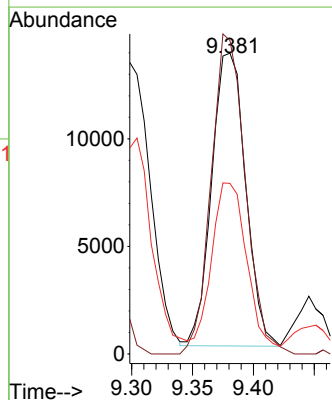
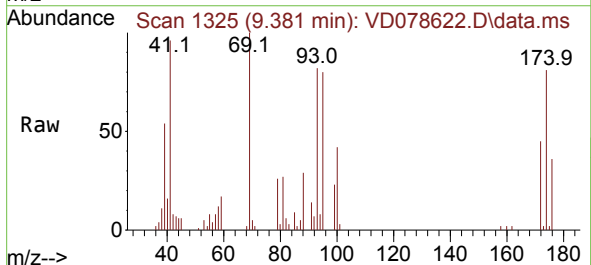
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

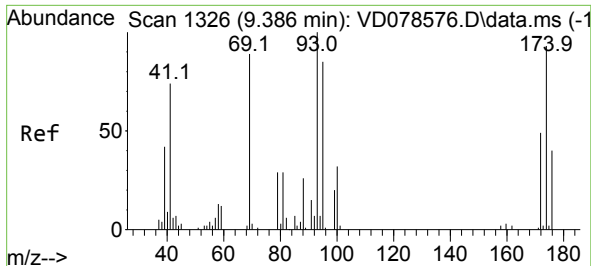
Tgt Ion: 83 Resp: 86288
Ion Ratio Lower Upper
83 100
85 58.2 50.2 75.4
127 6.9 6.3 9.5



#48
Methyl methacrylate
Concen: 56.477 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 41 Resp: 26384
Ion Ratio Lower Upper
41 100
69 109.7 102.2 153.2
39 59.5 41.4 62.2





#49

1,4-Dioxane

Concen: 1204.059 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078622.D

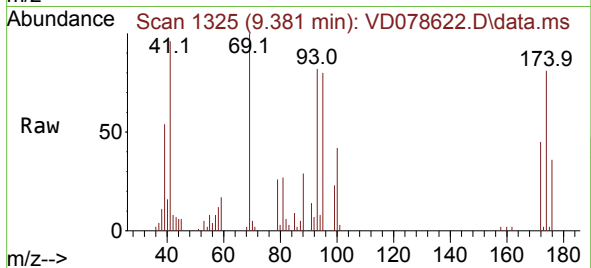
Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



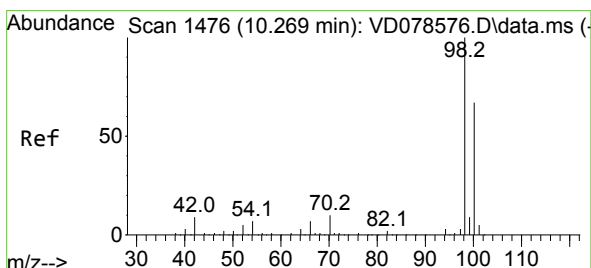
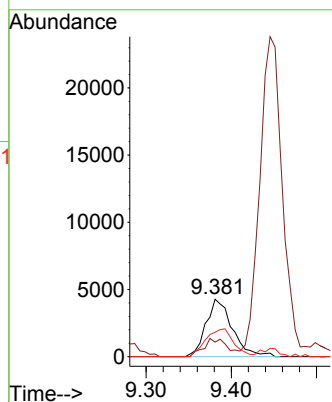
Tgt Ion: 88 Resp: 9183

Ion Ratio Lower Upper

88 100

43 29.1 19.0 28.6#

58 50.8 43.5 65.3



#50

Toluene-d8

Concen: 59.595 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078622.D

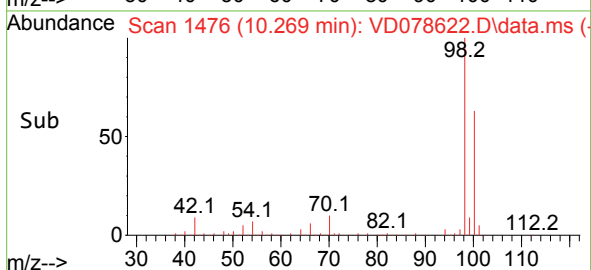
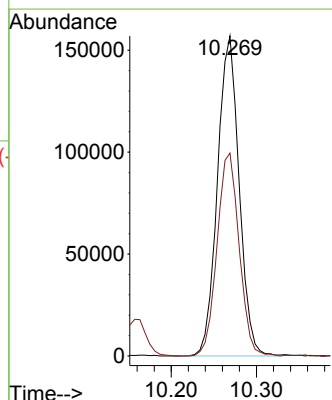
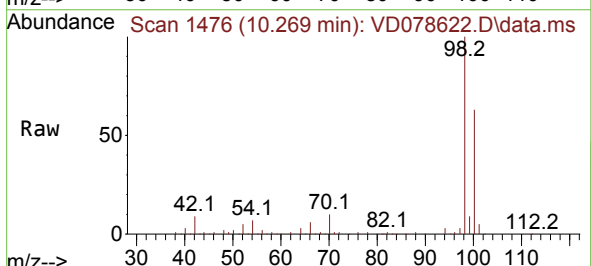
Acq: 08 Mar 2024 18:51

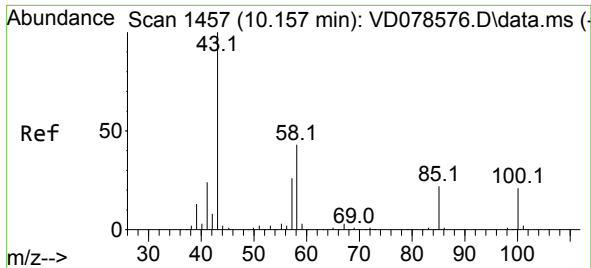
Tgt Ion: 98 Resp: 277827

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

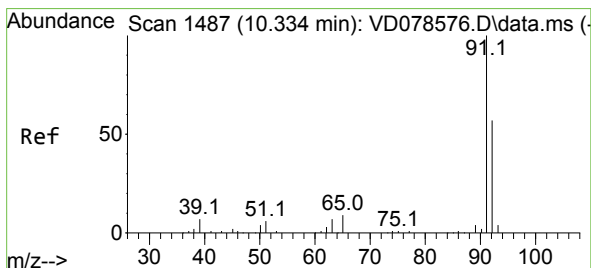
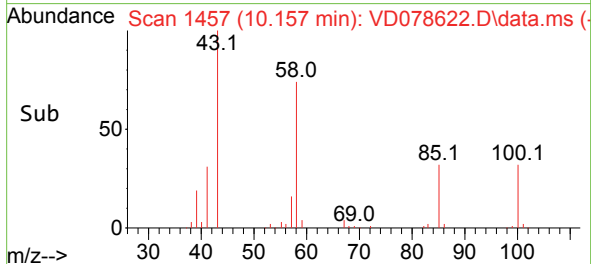
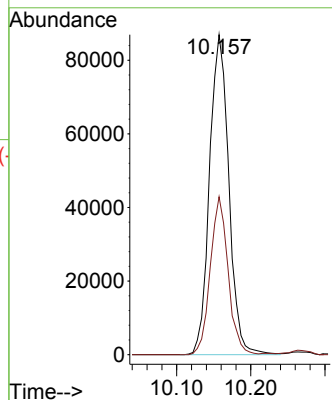
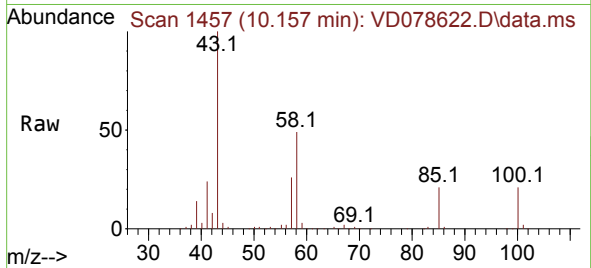




#51
4-Methyl-2-Pentanone
Concen: 295.280 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

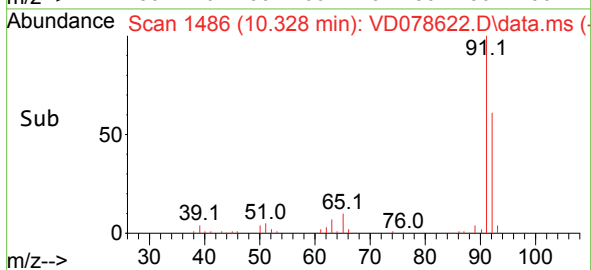
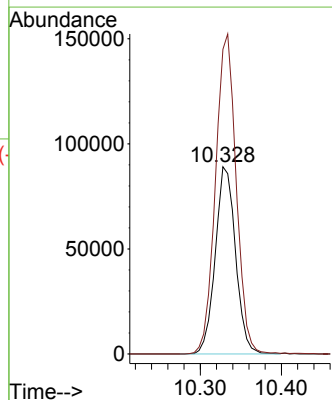
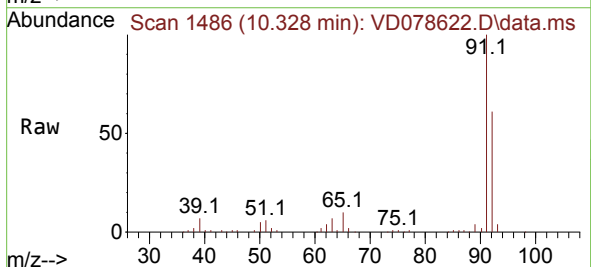
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

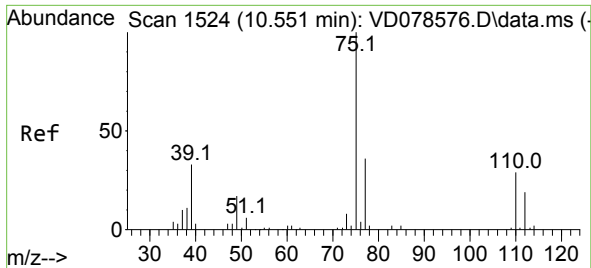
Tgt Ion: 43 Resp: 157179
Ion Ratio Lower Upper
43 100
58 45.6 38.9 58.3



#52
Toluene
Concen: 48.962 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 92 Resp: 154596
Ion Ratio Lower Upper
92 100
91 174.9 143.0 214.4

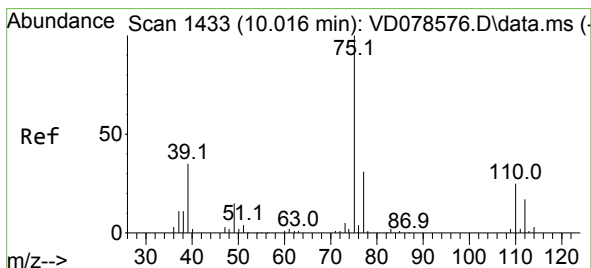
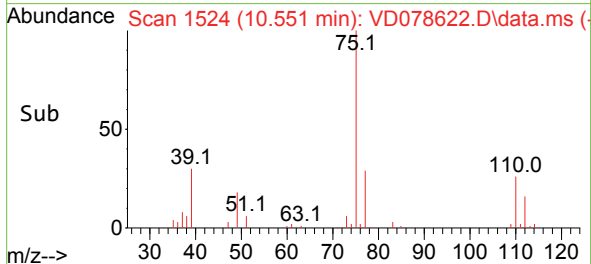
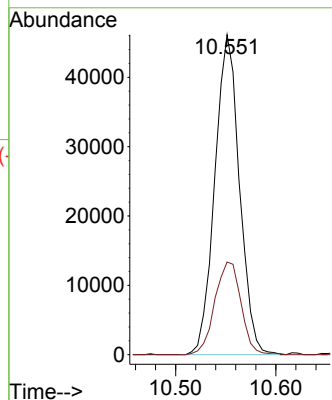
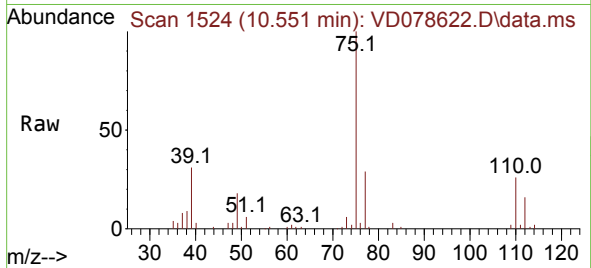




#53
 t-1,3-Dichloropropene
 Concen: 50.654 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

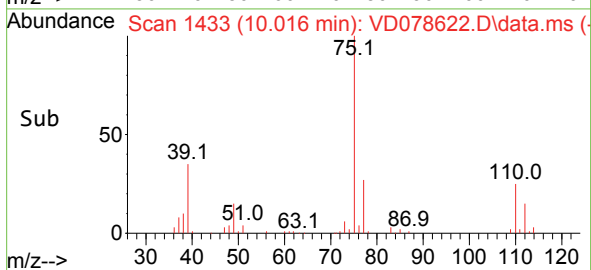
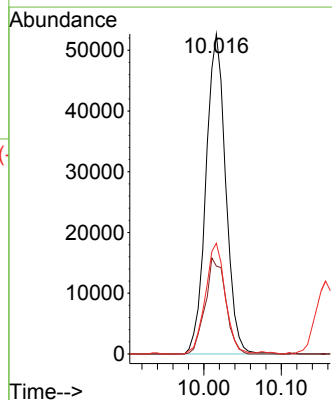
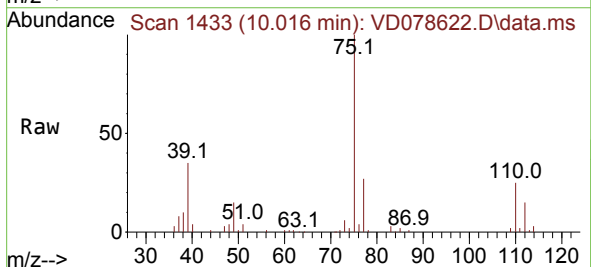
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

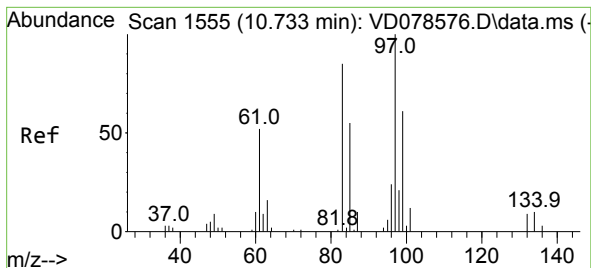
Tgt Ion: 75 Resp: 78739
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.027 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

Tgt Ion: 75 Resp: 93108
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.5 38.3
 39 34.6 22.1 33.1#

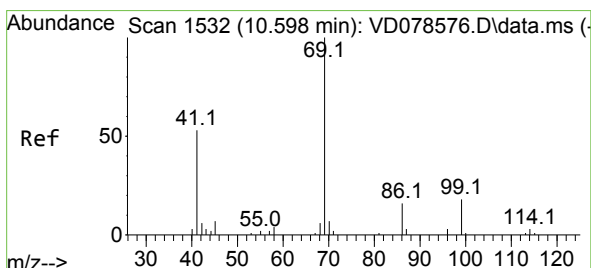
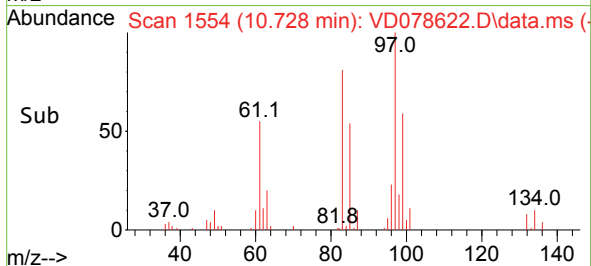
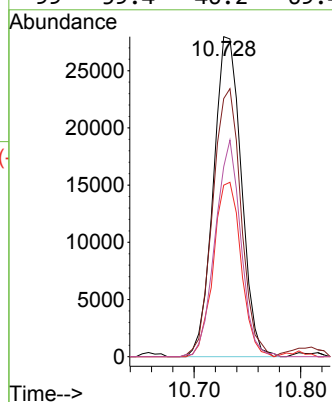
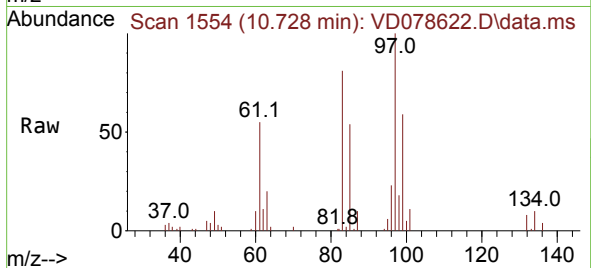




#55
1,1,2-Trichloroethane
Concen: 52.889 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

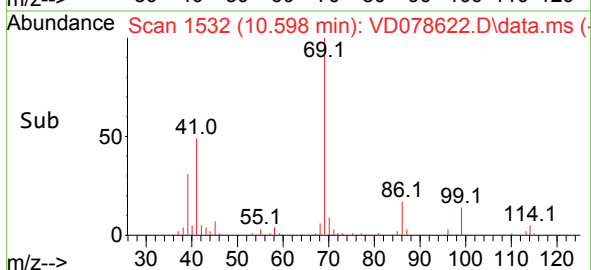
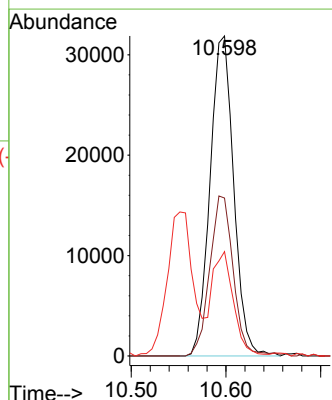
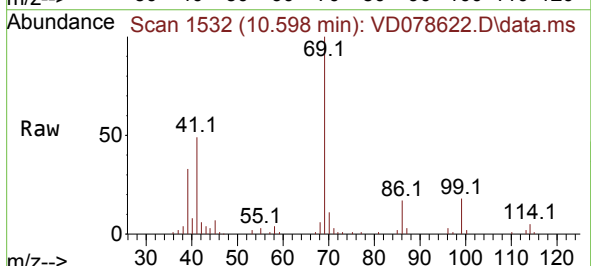
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

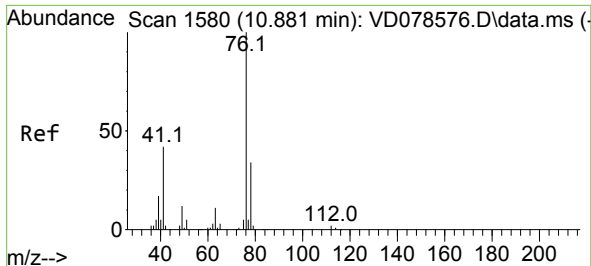
Tgt Ion:	97	Resp:	50750
Ion	Ratio	Lower	Upper
97	100		
83	80.6	65.8	98.6
85	53.6	45.7	68.5
99	59.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 57.437 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:	69	Resp:	55240
Ion	Ratio	Lower	Upper
69	100		
41	50.1	39.1	58.7
39	29.6	20.0	30.0





#57

1,3-Dichloropropane

Concen: 52.138 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

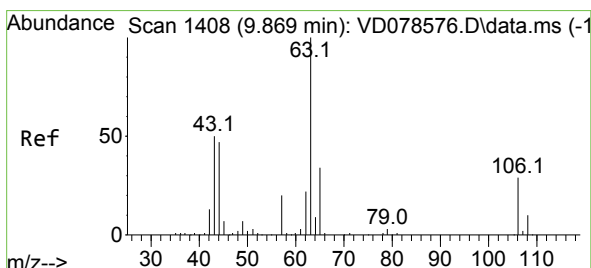
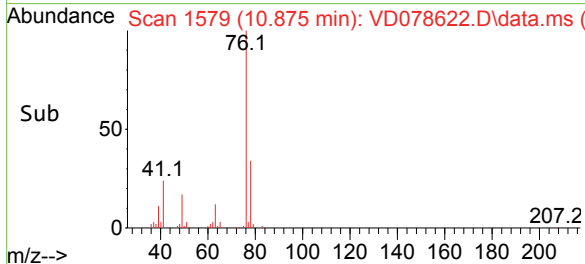
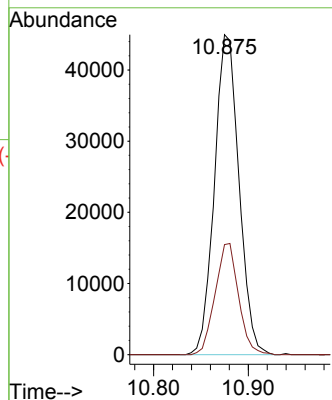
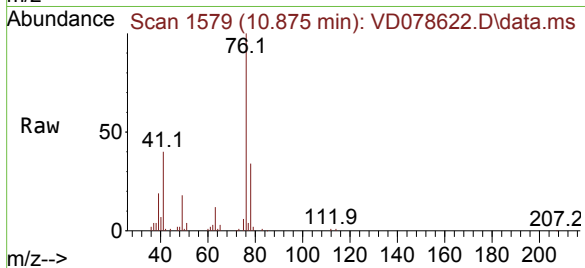
VSTDCCC050EC

Tgt Ion: 76 Resp: 81073

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 372.765 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078622.D

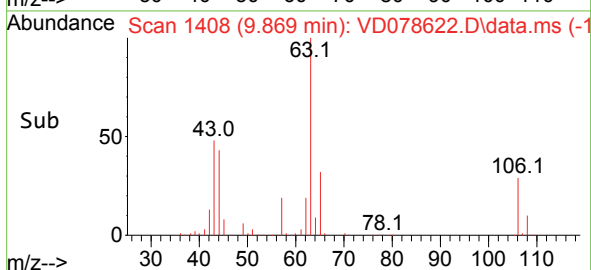
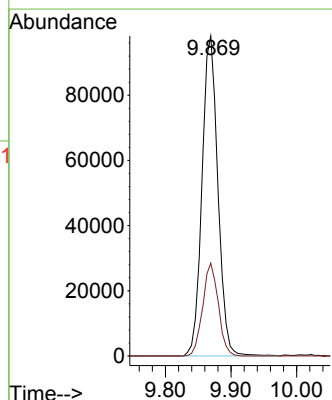
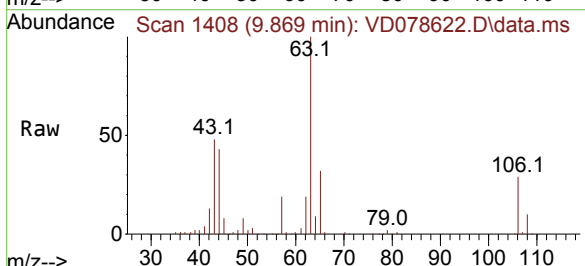
Acq: 08 Mar 2024 18:51

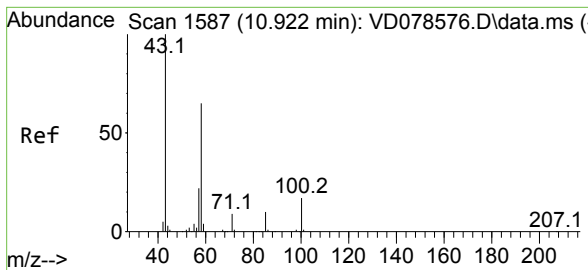
Tgt Ion: 63 Resp: 165400

Ion Ratio Lower Upper

63 100

106 28.5 25.3 37.9

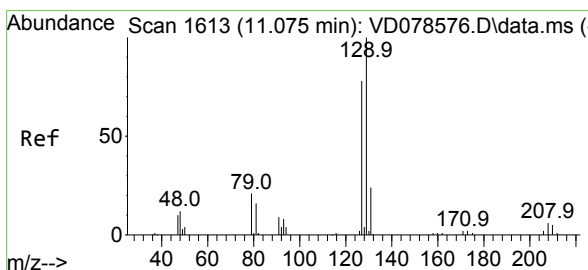
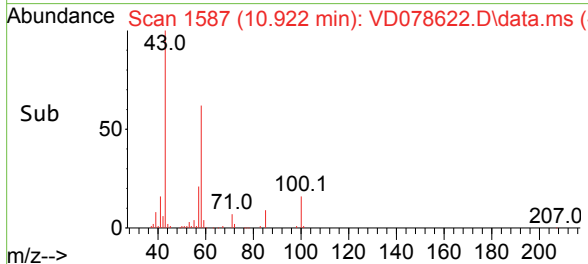
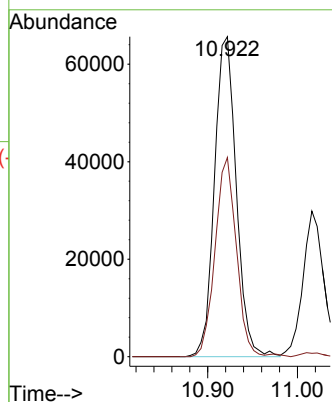
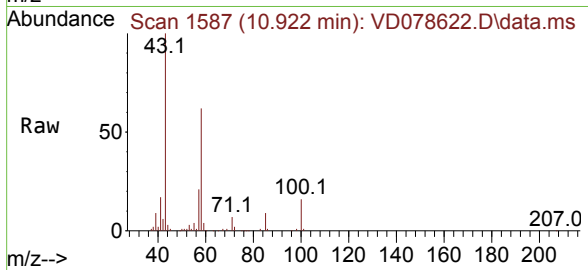




#59
2-Hexanone
Concen: 280.558 ug/l
RT: 10.922 min Scan# 110770
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

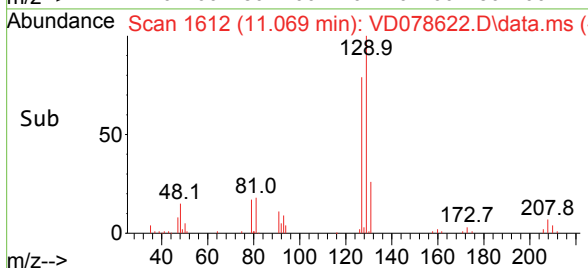
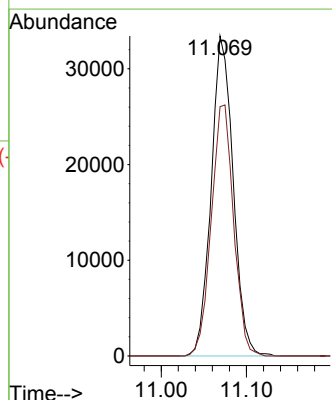
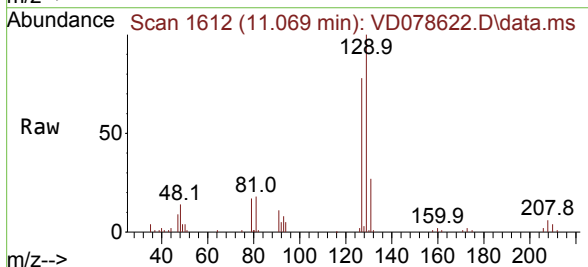
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

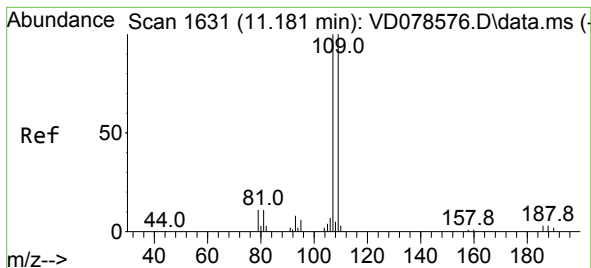
Tgt Ion: 43 Resp: 110770
Ion Ratio Lower Upper
43 100
58 60.5 34.1 102.2



#60
Dibromochloromethane
Concen: 51.612 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:129 Resp: 59799
Ion Ratio Lower Upper
129 100
127 79.7 37.1 111.5





#61

1,2-Dibromoethane

Concen: 54.388 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

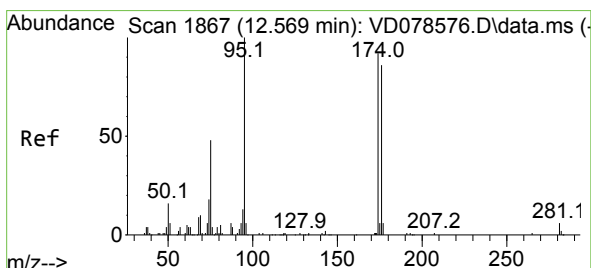
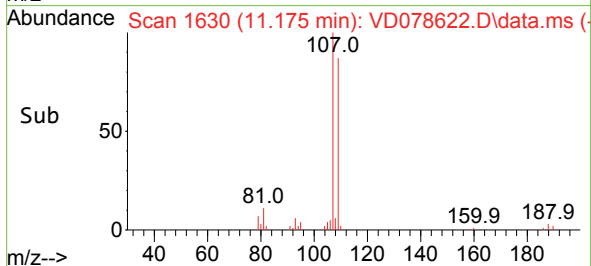
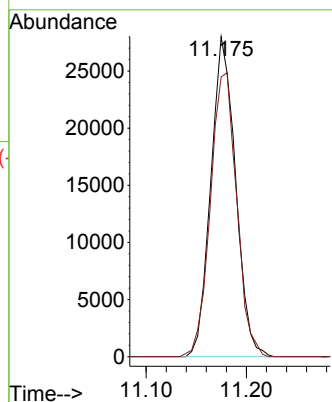
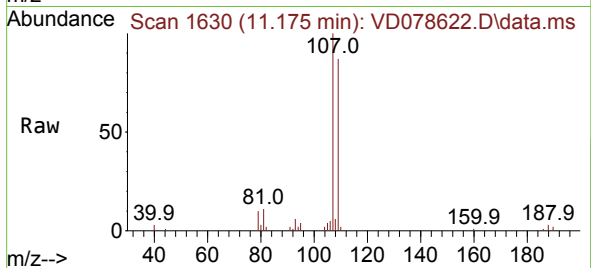
VSTDCCC050EC

Tgt Ion:107 Resp: 47896

Ion Ratio Lower Upper

107 100

109 94.3 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 61.765 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

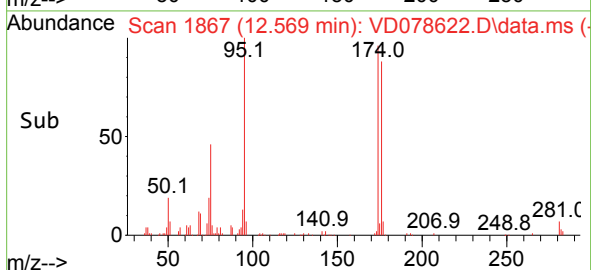
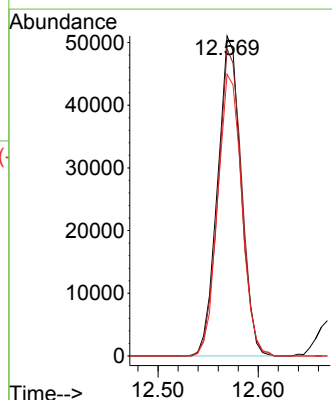
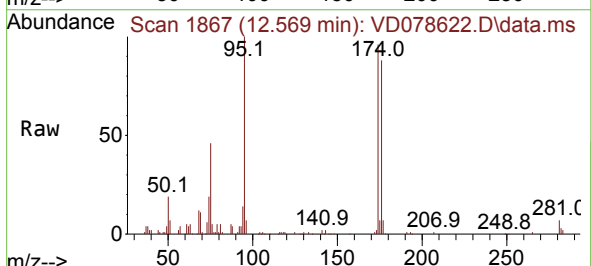
Tgt Ion: 95 Resp: 82242

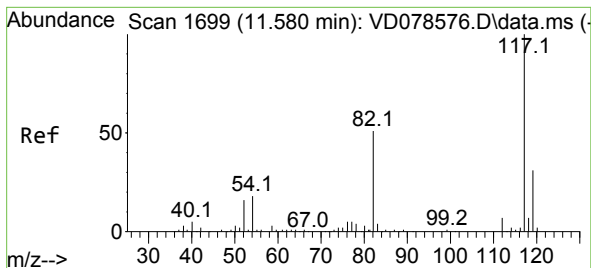
Ion Ratio Lower Upper

95 100

174 97.6 0.0 201.8

176 90.7 0.0 191.8

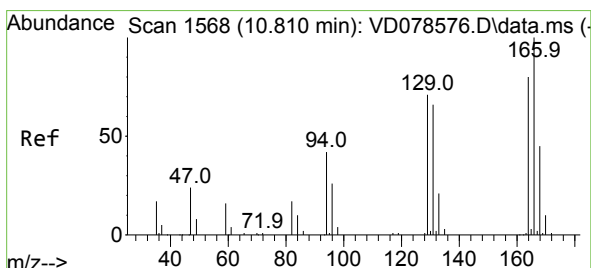
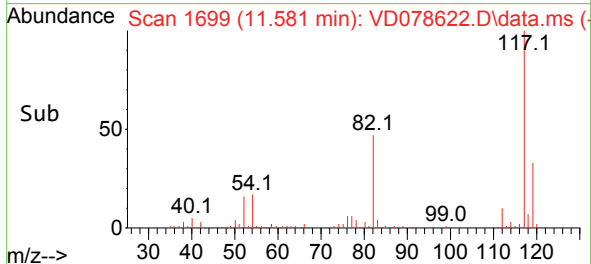
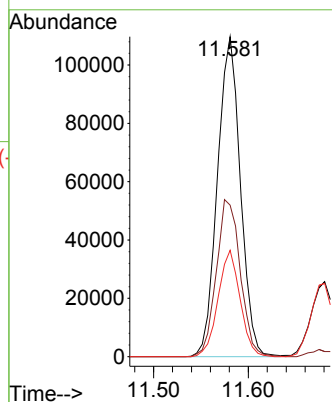
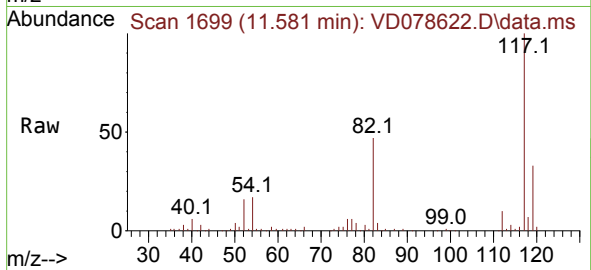




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

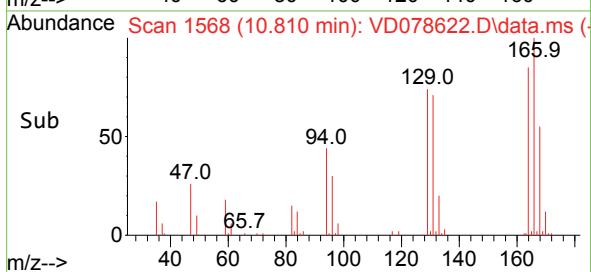
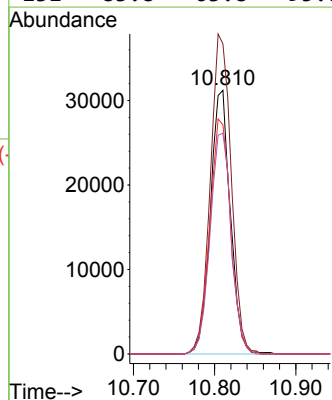
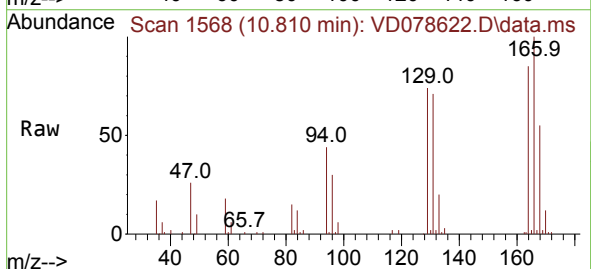
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

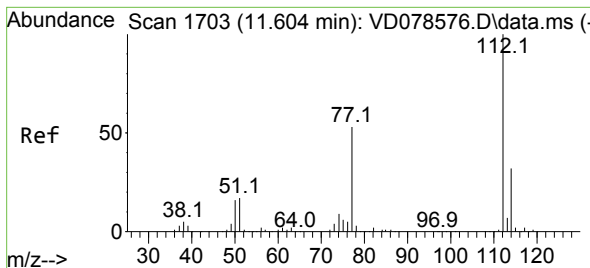
Tgt Ion:117 Resp: 185254
Ion Ratio Lower Upper
117 100
82 47.4 38.3 57.5
119 33.3 25.0 37.4



#64
Tetrachloroethene
Concen: 45.802 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:164 Resp: 53387
Ion Ratio Lower Upper
164 100
166 117.6 99.2 148.8
129 86.9 68.4 102.6
131 83.8 63.8 95.8

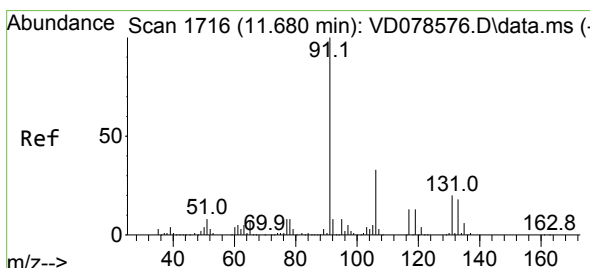
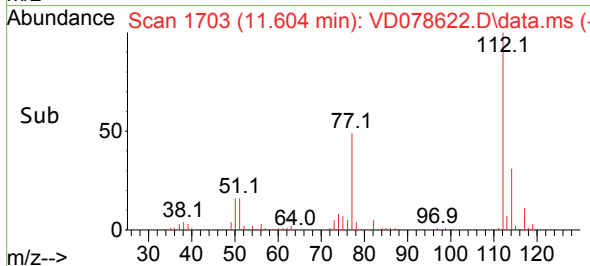
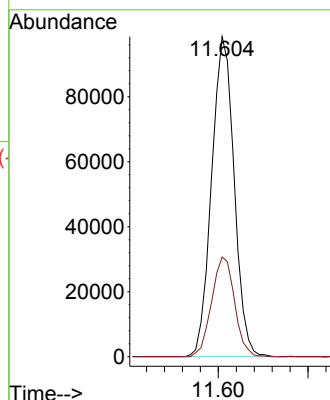
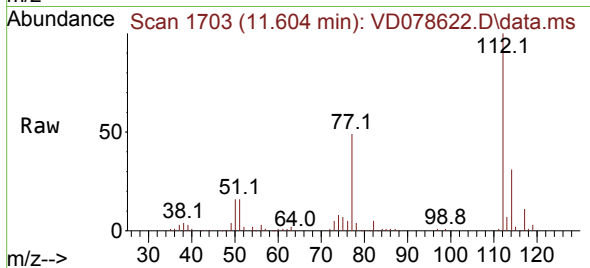




#65
Chlorobenzene
Concen: 47.017 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

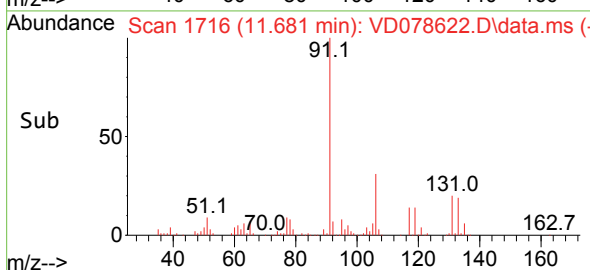
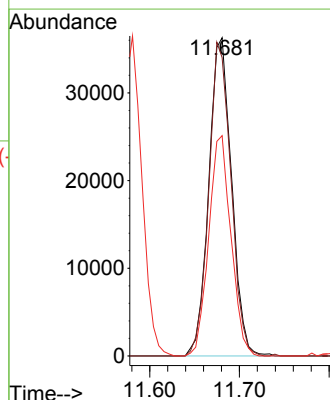
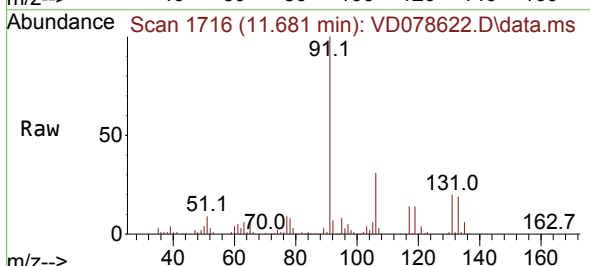
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

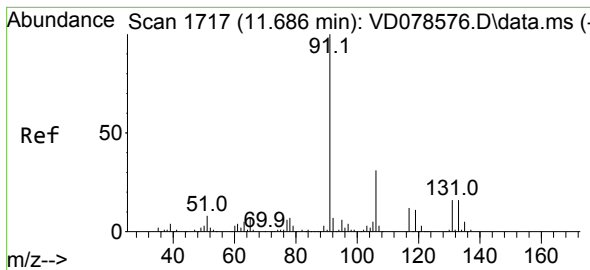
Tgt Ion:112 Resp: 171522
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 47.102 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:131 Resp: 63971
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.5
119 67.6 35.6 106.9





#67

Ethyl Benzene

Concen: 46.081 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

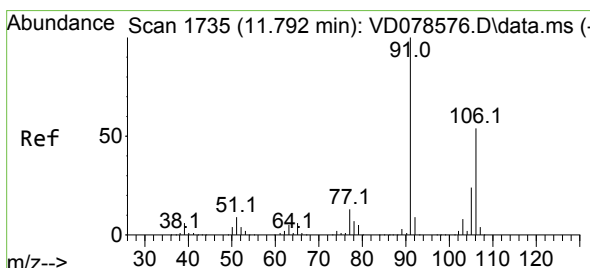
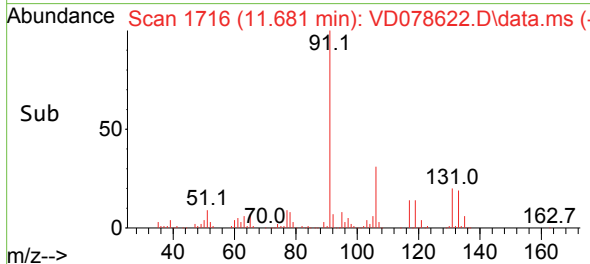
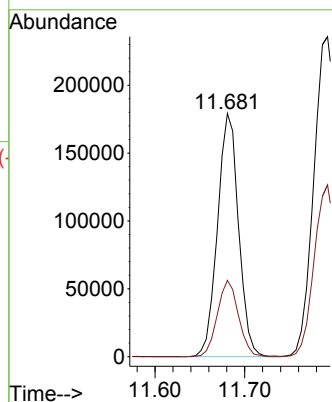
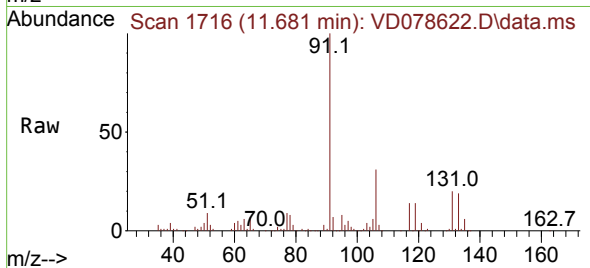
VSTDCCC050EC

Tgt Ion: 91 Resp: 291285

Ion Ratio Lower Upper

91 100

106 31.4 26.5 39.7



#68

m/p-Xylenes

Concen: 91.986 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078622.D

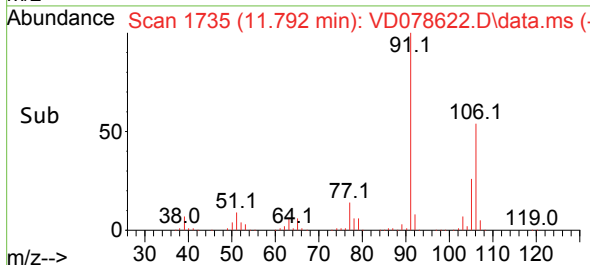
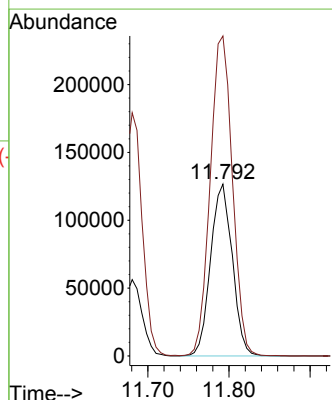
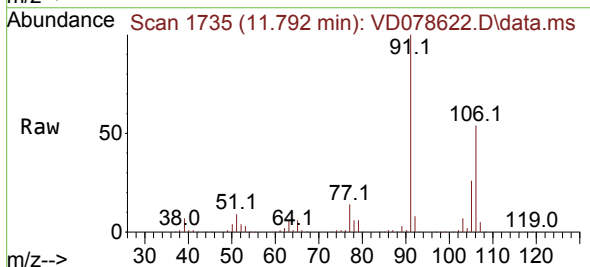
Acq: 08 Mar 2024 18:51

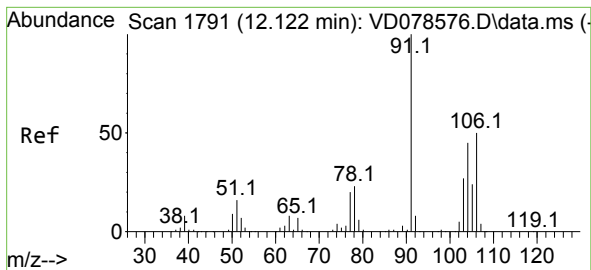
Tgt Ion:106 Resp: 235233

Ion Ratio Lower Upper

106 100

91 190.2 147.0 220.6

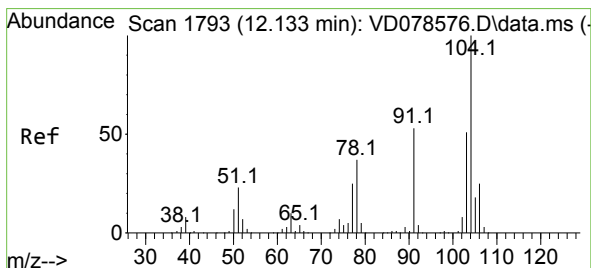
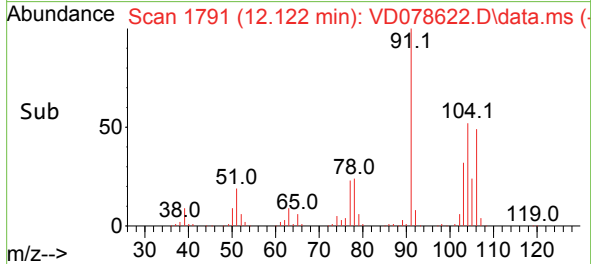
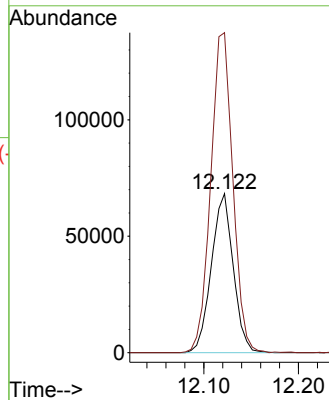
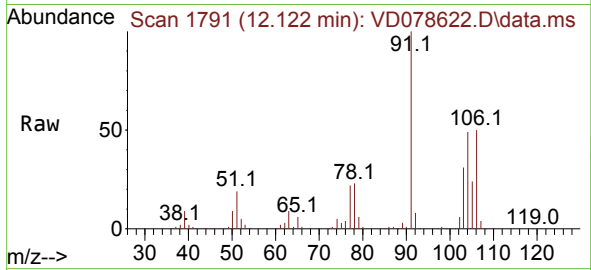




#69
o-Xylene
Concen: 47.212 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

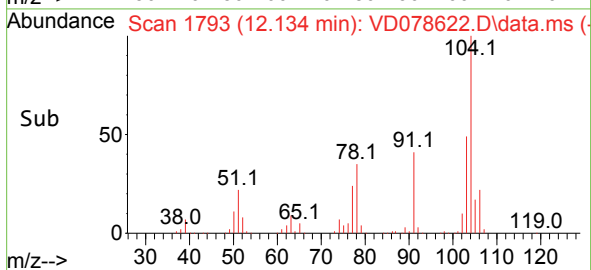
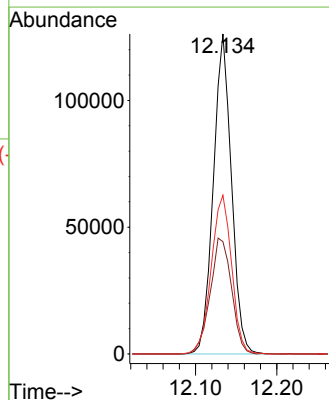
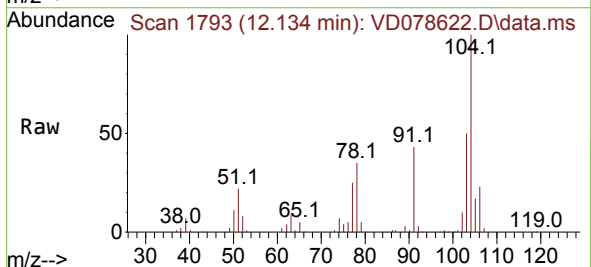
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

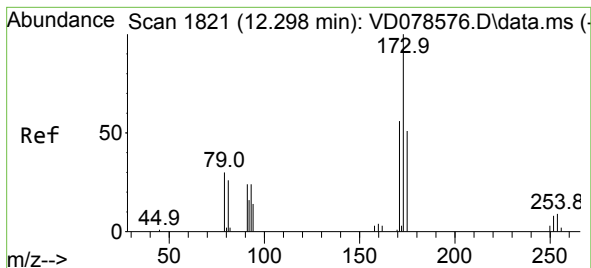
Tgt Ion:106 Resp: 109526
Ion Ratio Lower Upper
106 100
91 203.3 97.9 293.6



#70
Styrene
Concen: 48.654 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:104 Resp: 195648
Ion Ratio Lower Upper
104 100
78 42.7 33.2 49.8
103 55.7 43.6 65.4





#71

Bromoform

Concen: 52.384 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

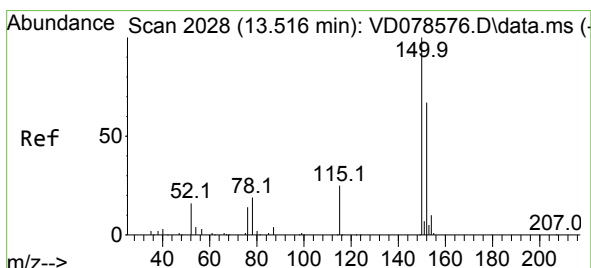
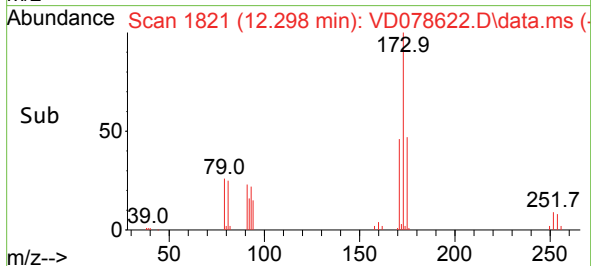
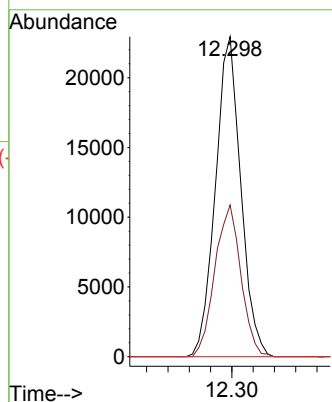
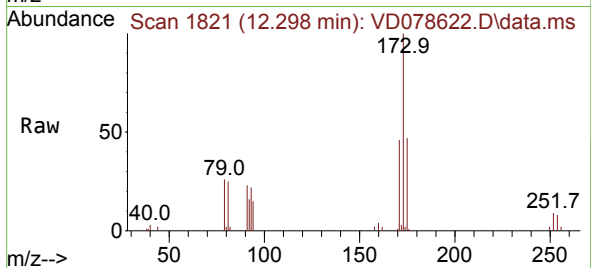
Tgt Ion:173 Resp: 37848

Ion Ratio Lower Upper

173 100

175 48.7 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: VD078622.D

Acq: 08 Mar 2024 18:51

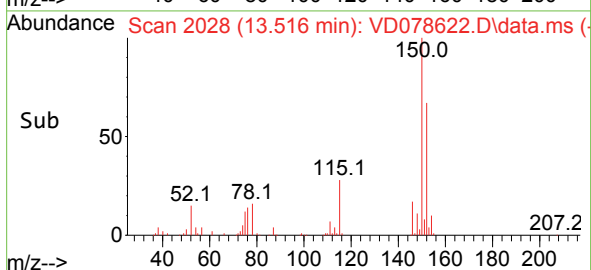
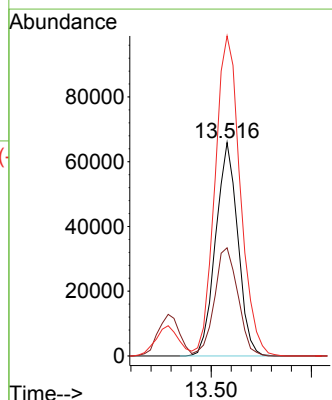
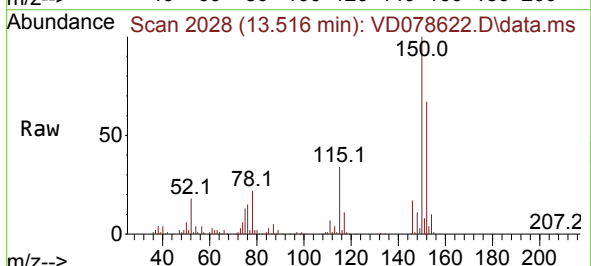
Tgt Ion:152 Resp: 100887

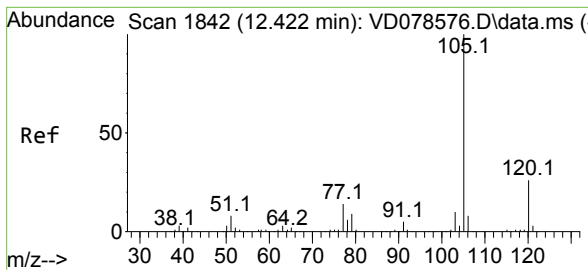
Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.3

150 171.5 0.0 353.6





#73

Isopropylbenzene

Concen: 42.049 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

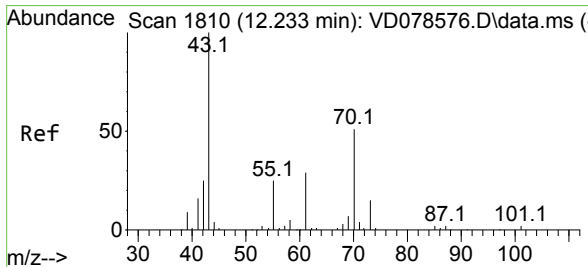
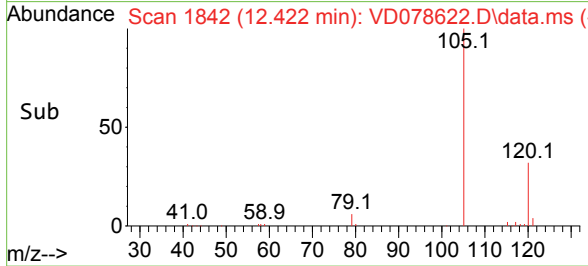
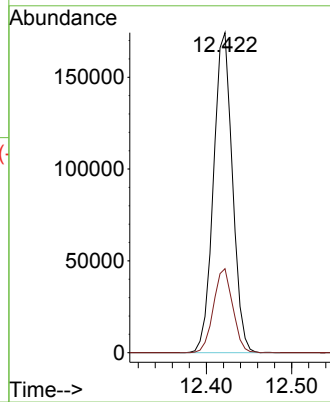
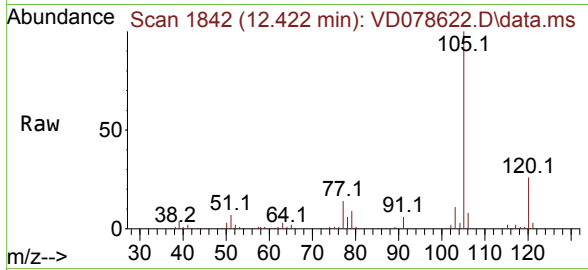
VSTDCCC050EC

Tgt Ion:105 Resp: 268914

Ion Ratio Lower Upper

105 100

120 26.7 14.3 42.9



#74

N-ethyl acetate

Concen: 50.124 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Tgt Ion: 43 Resp: 53953

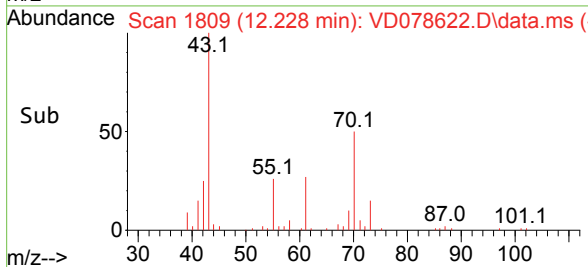
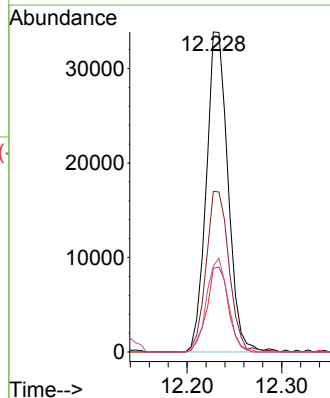
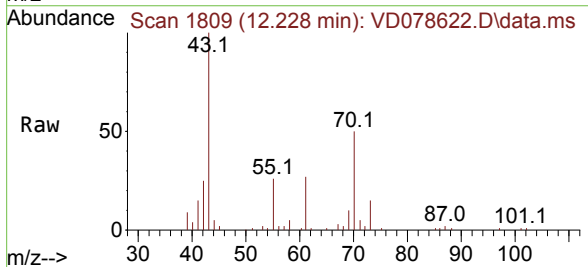
Ion Ratio Lower Upper

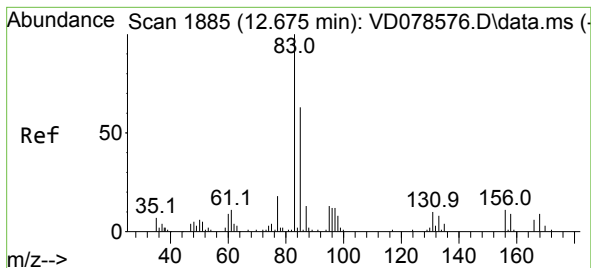
43 100

70 53.3 45.0 67.4

55 26.6 23.8 35.6

61 28.8 22.1 33.1

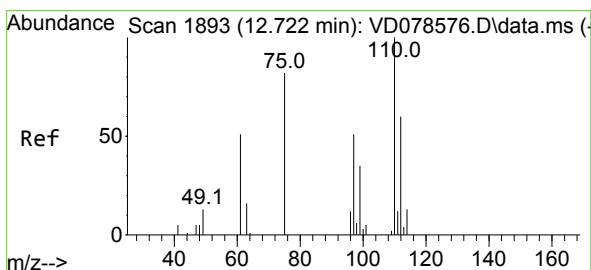
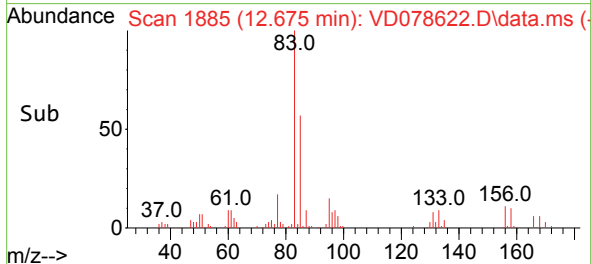
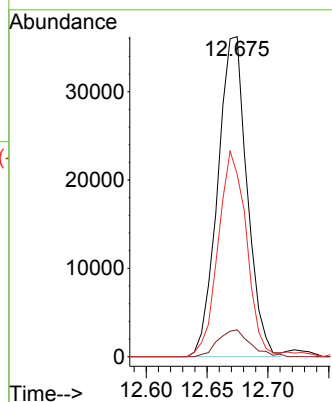
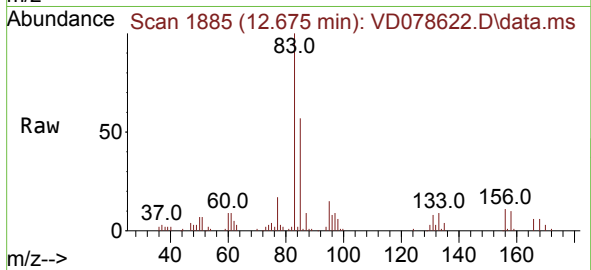




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.700 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

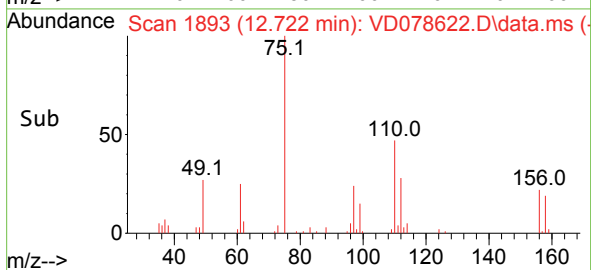
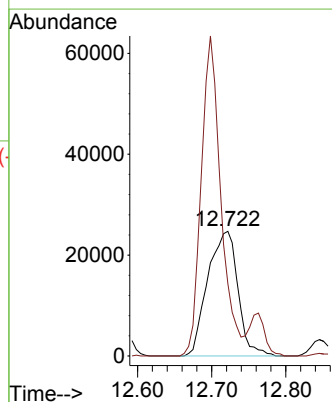
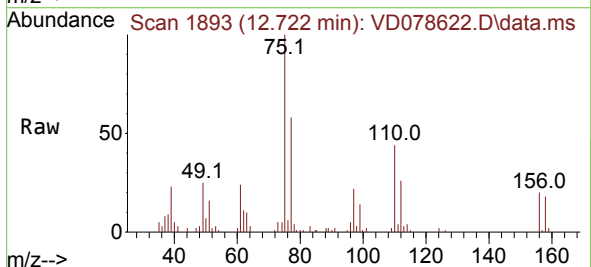
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

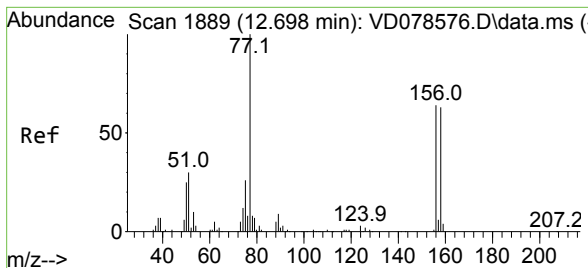
Tgt Ion: 83 Resp: 60889
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 61.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 90.691 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

Tgt Ion: 75 Resp: 69879
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.613 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

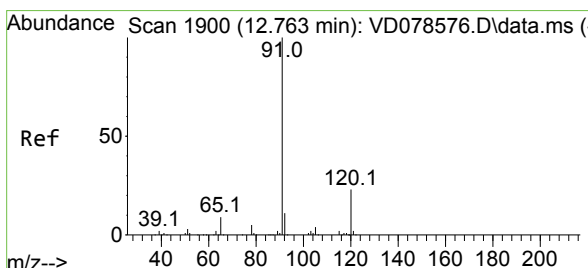
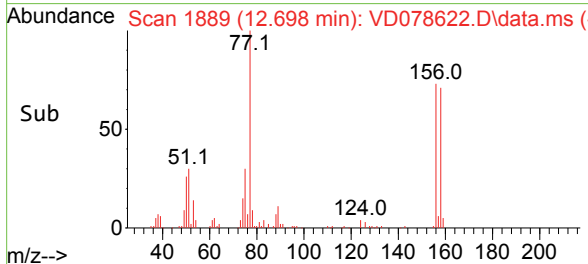
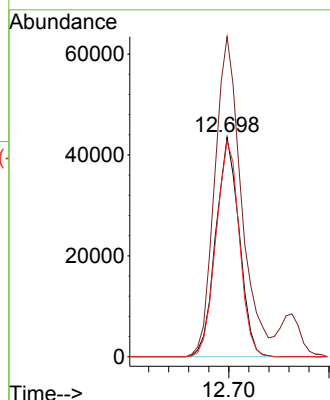
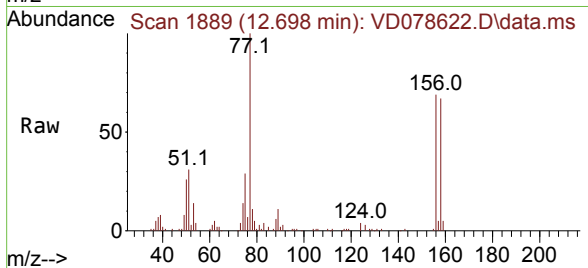
Tgt Ion:156 Resp: 70547

Ion Ratio Lower Upper

156 100

77 165.1 76.8 230.4

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 42.859 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078622.D

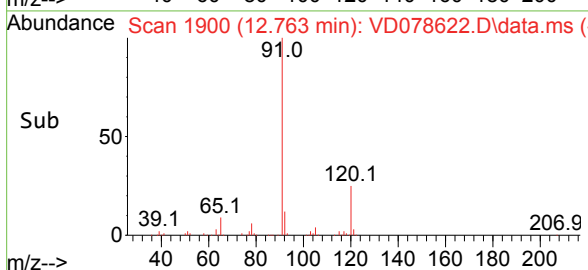
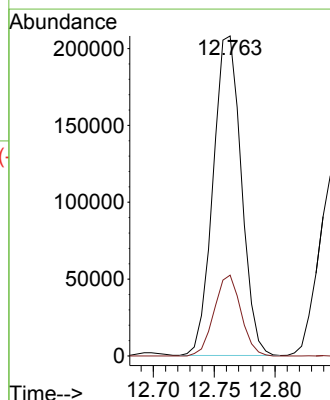
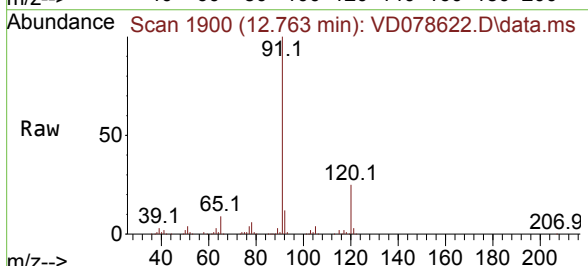
Acq: 08 Mar 2024 18:51

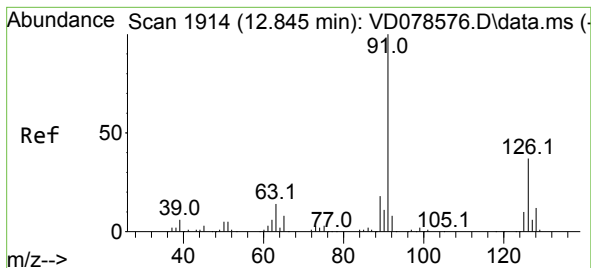
Tgt Ion: 91 Resp: 335269

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.2

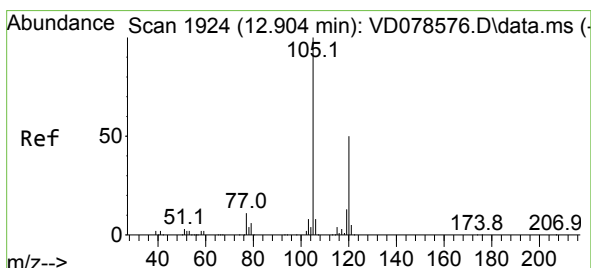
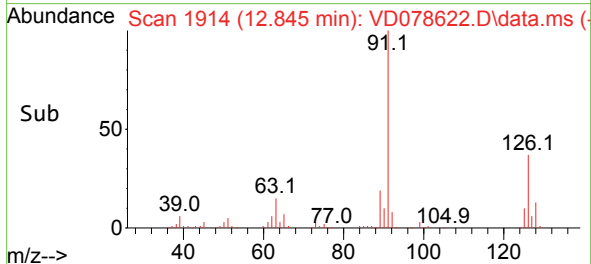
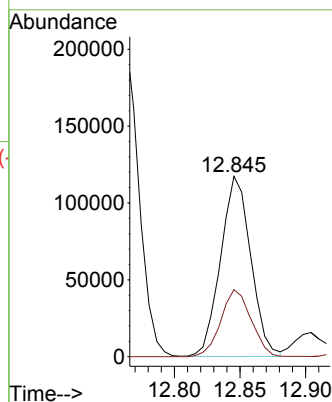
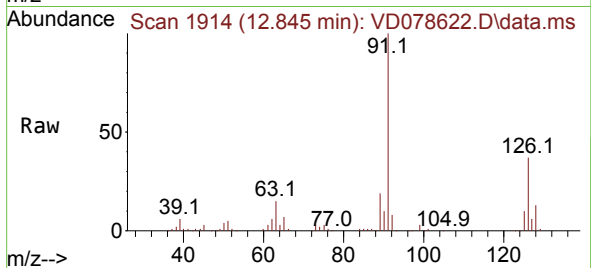




#79
2-Chlorotoluene
Concen: 44.738 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

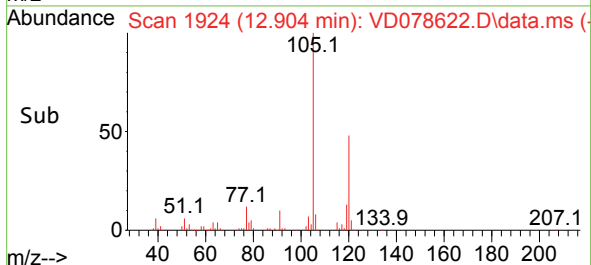
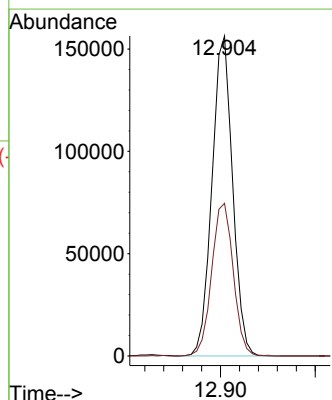
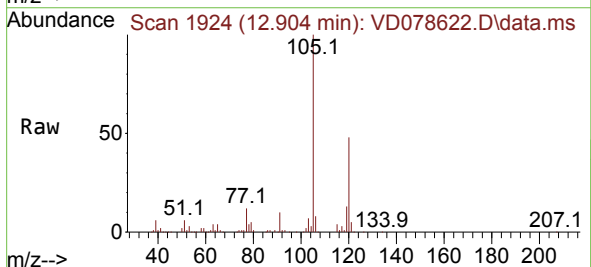
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

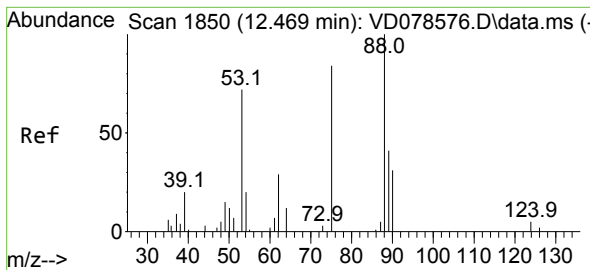
Tgt Ion: 91 Resp: 187798
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 45.330 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 105 Resp: 235895
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

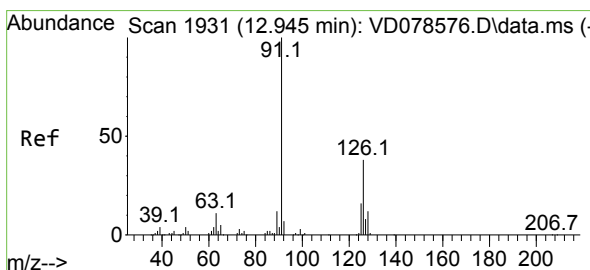
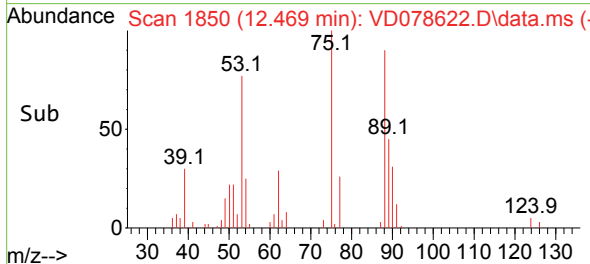
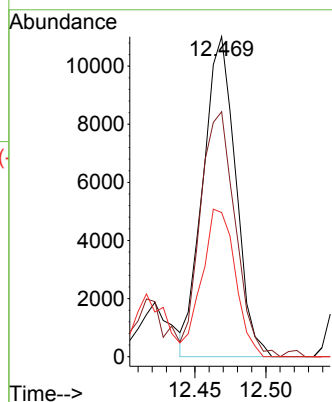
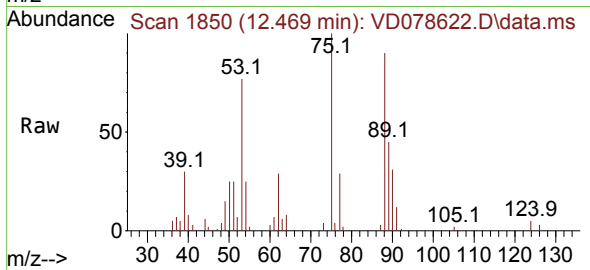




#81
trans-1,4-Dichloro-2-butene
Concen: 48.894 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

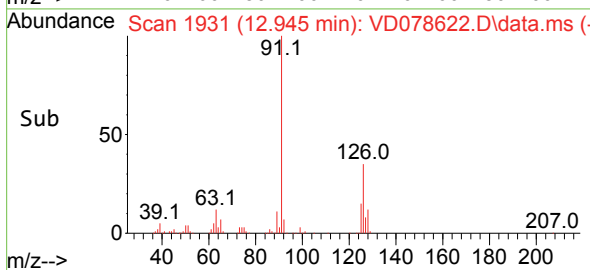
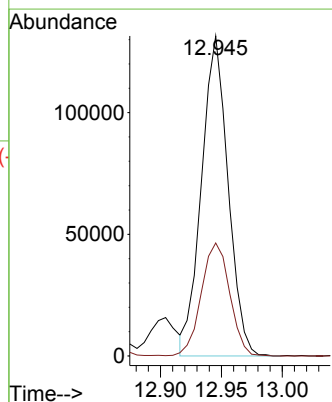
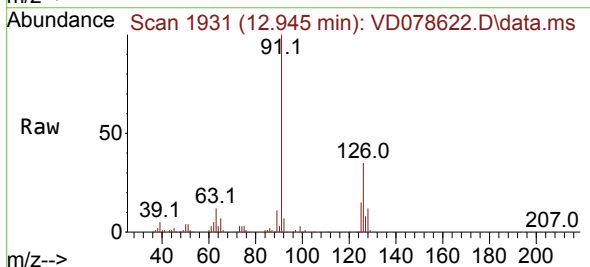
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

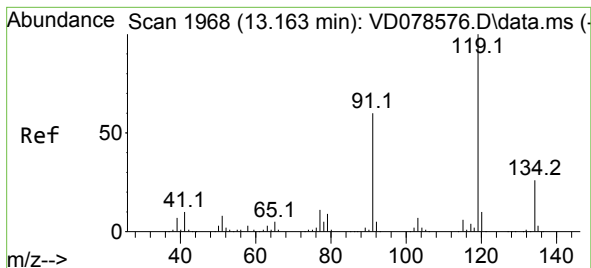
Tgt Ion:	75	Resp:	17601
Ion	Ratio	Lower	Upper
75	100		
53	81.6	63.0	94.4
89	47.2	37.9	56.9



#82
4-Chlorotoluene
Concen: 44.623 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion:	91	Resp:	199628
Ion	Ratio	Lower	Upper
91	100		
126	37.8	19.4	58.4





#83

tert-Butylbenzene

Concen: 42.201 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

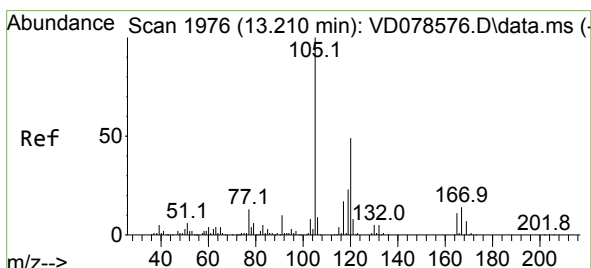
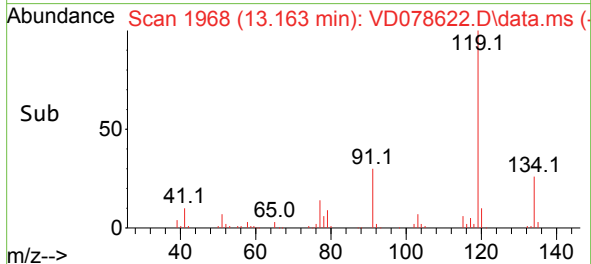
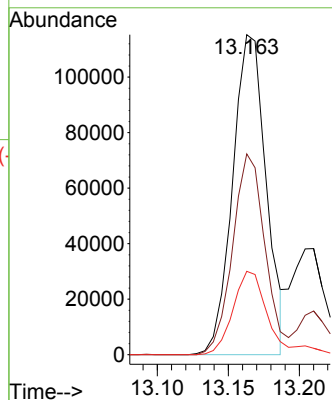
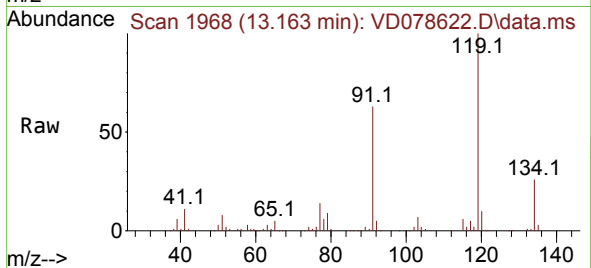
Tgt Ion:119 Resp: 189099

Ion Ratio Lower Upper

119 100

91 60.9 29.3 87.8

134 27.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 45.286 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078622.D

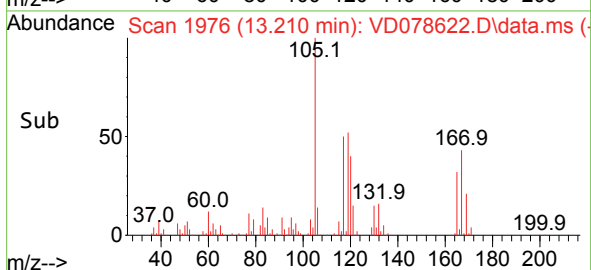
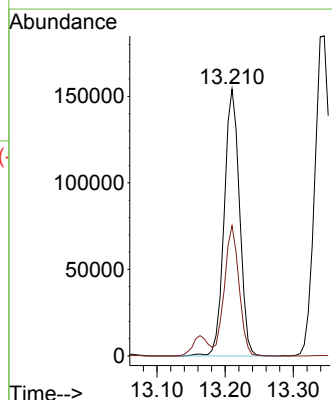
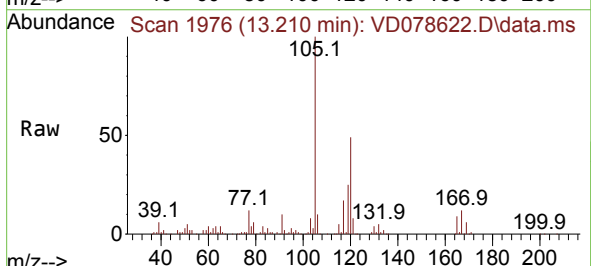
Acq: 08 Mar 2024 18:51

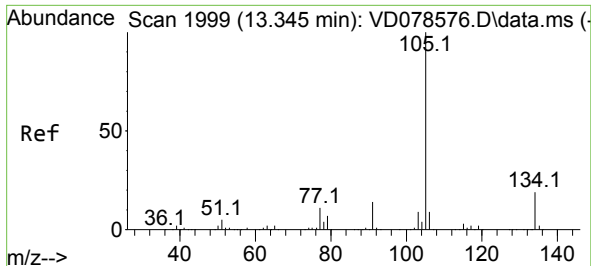
Tgt Ion:105 Resp: 240876

Ion Ratio Lower Upper

105 100

120 46.8 24.3 72.9

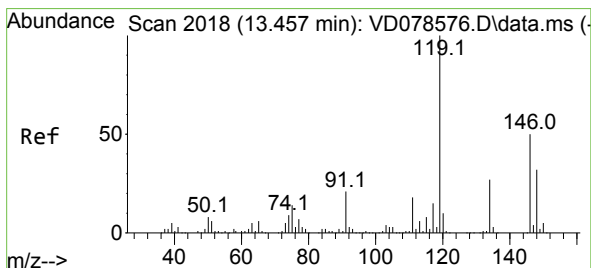
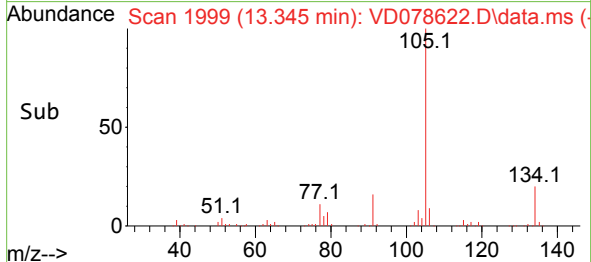
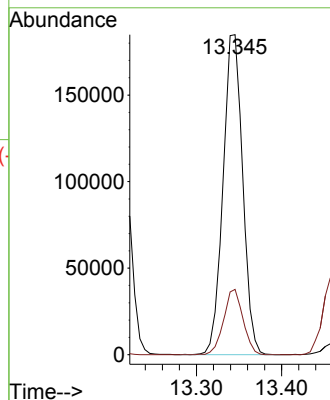
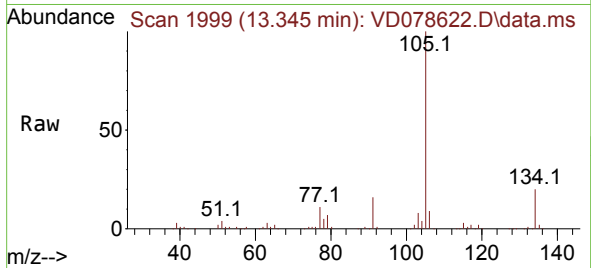




#85
 sec-Butylbenzene
 Concen: 42.329 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

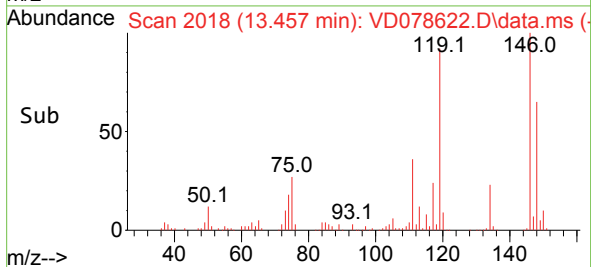
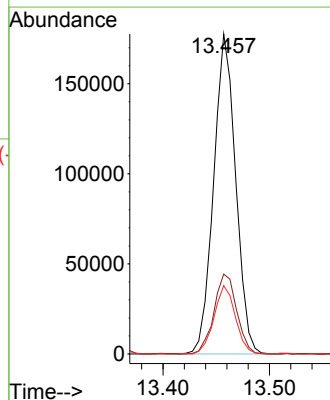
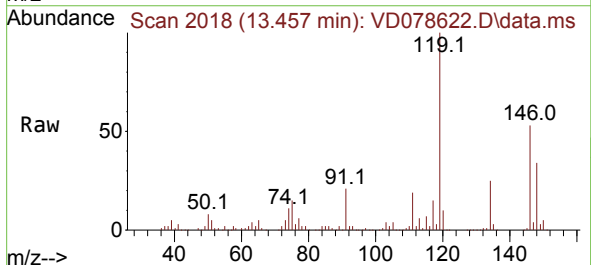
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

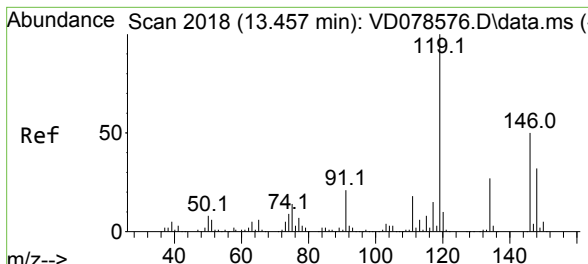
Tgt Ion:105 Resp: 295900
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 43.345 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

Tgt Ion:119 Resp: 255071
 Ion Ratio Lower Upper
 119 100
 134 25.8 14.2 42.6
 91 20.7 10.5 31.5

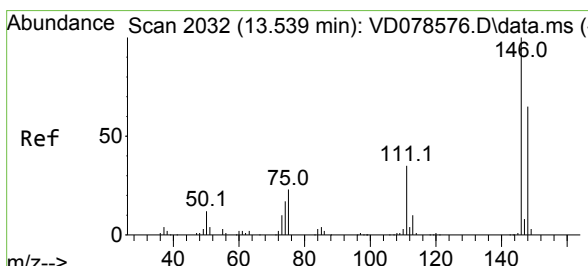
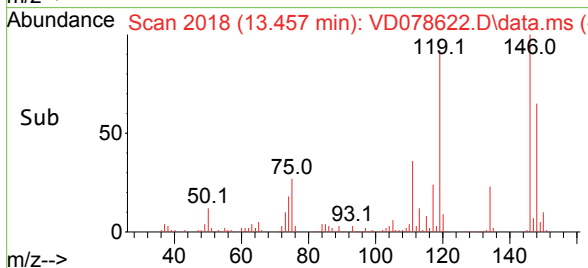
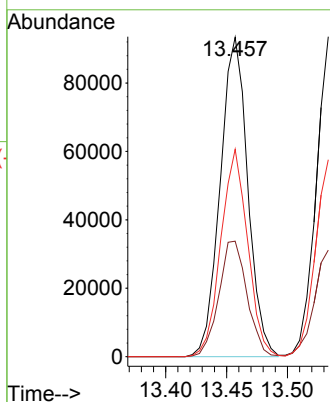
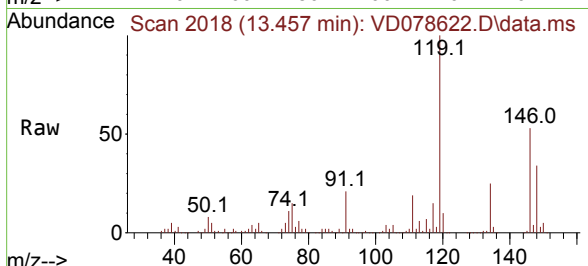




#87
 1,3-Dichlorobenzene
 Concen: 44.558 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

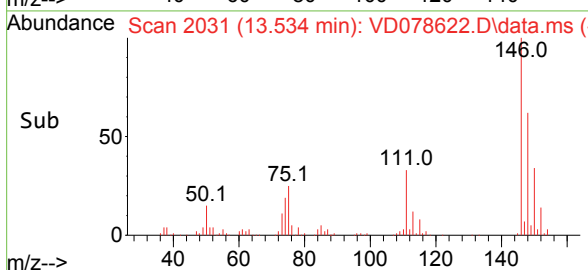
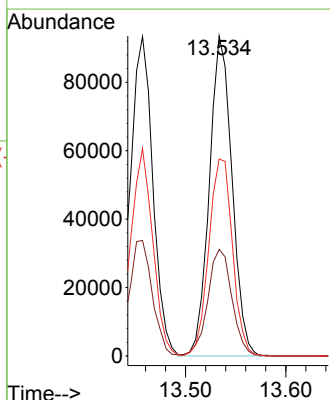
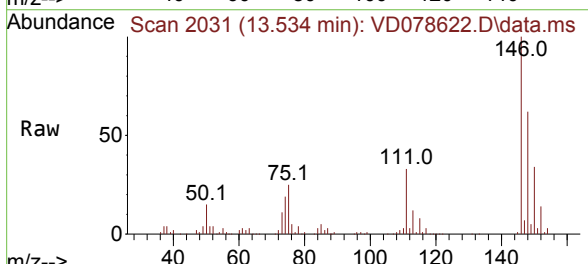
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

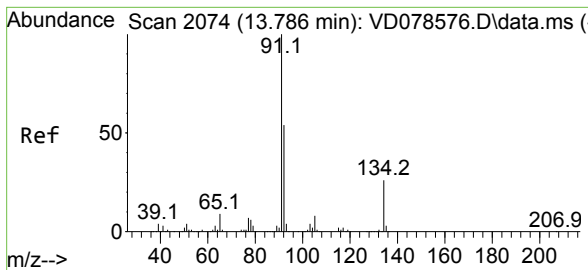
Tgt Ion:146 Resp: 147252
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.9 53.8
 148 63.2 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 44.421 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078622.D
 Acq: 08 Mar 2024 18:51

Tgt Ion:146 Resp: 147076
 Ion Ratio Lower Upper
 146 100
 111 35.5 17.4 52.3
 148 64.3 31.7 95.1

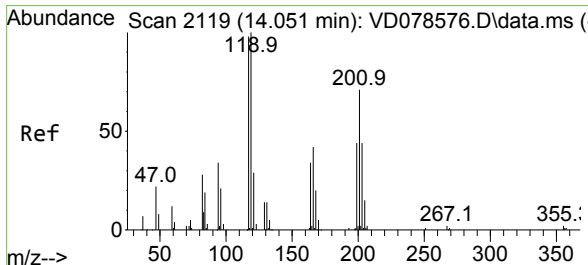
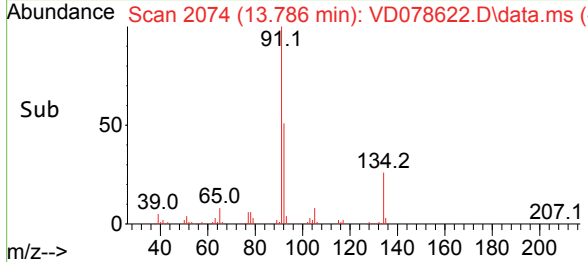
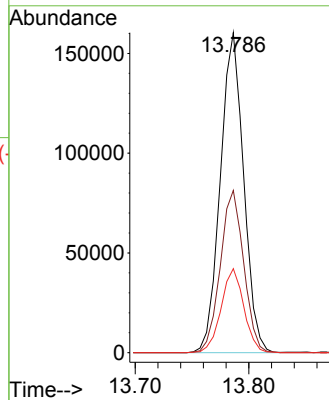
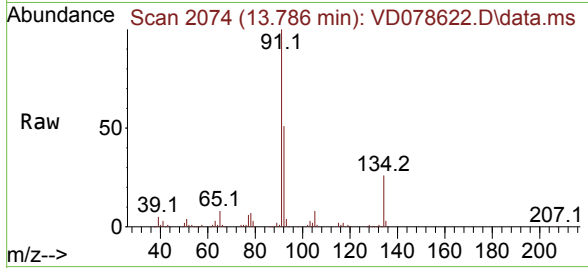




#89
n-Butylbenzene
Concen: 41.585 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

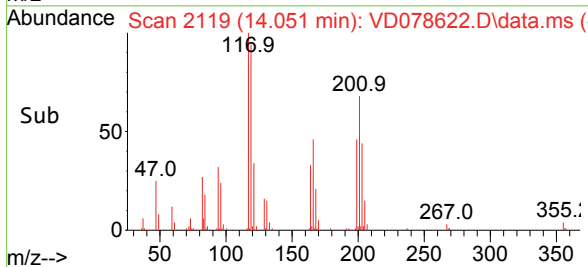
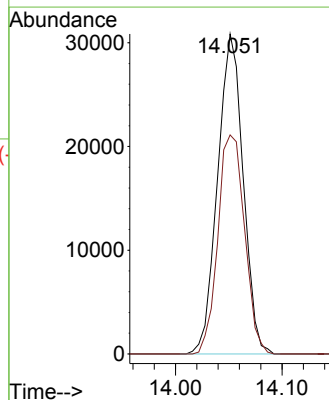
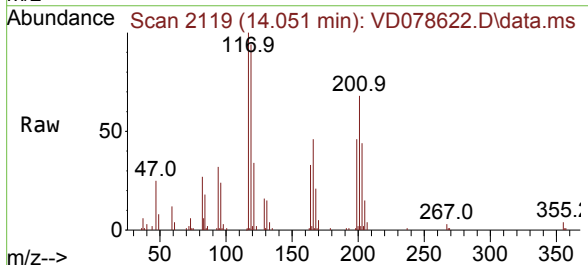
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

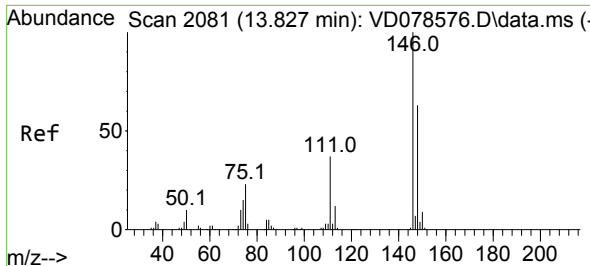
Tgt Ion: 91 Resp: 228692
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 25.7 13.8 41.3



#90
Hexachloroethane
Concen: 42.866 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 117 Resp: 51291
Ion Ratio Lower Upper
117 100
201 71.5 38.5 115.5

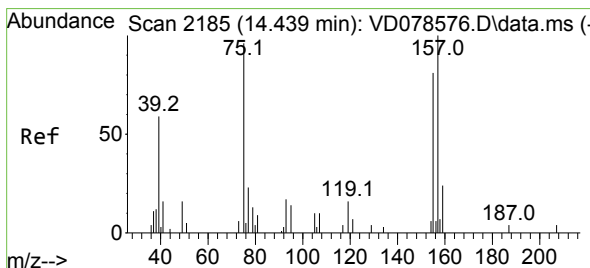
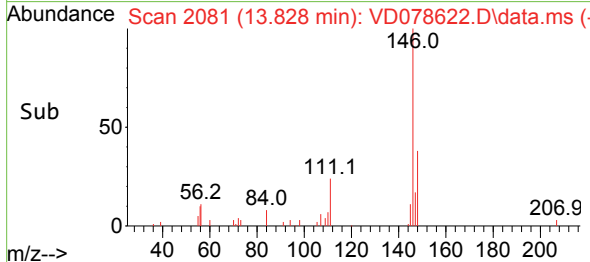
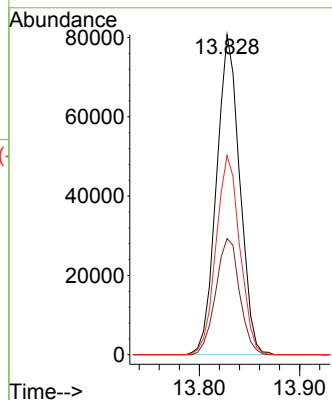
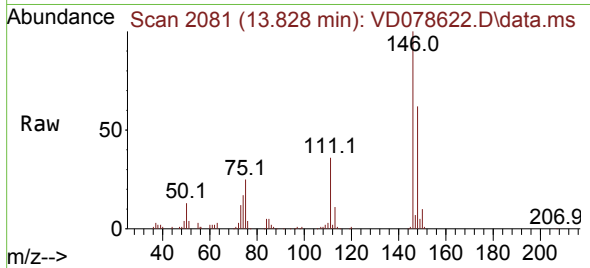




#91
1,2-Dichlorobenzene
Concen: 46.175 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

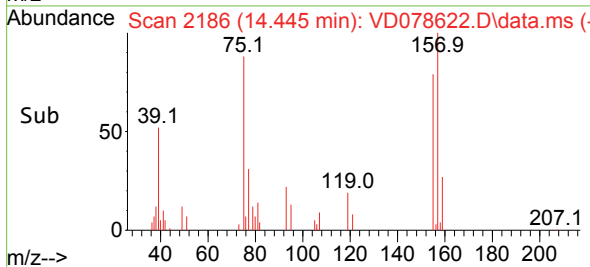
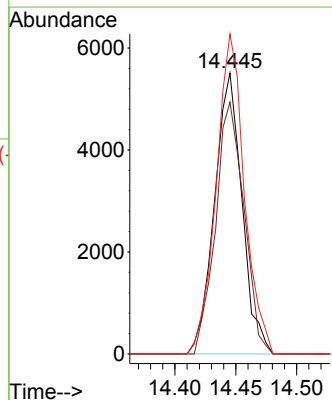
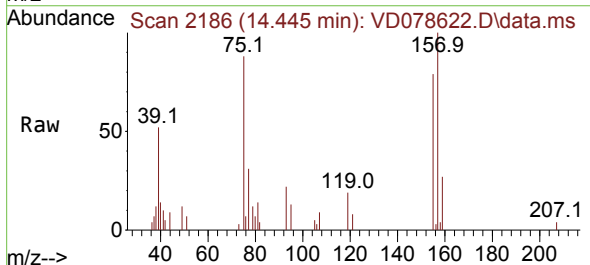
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

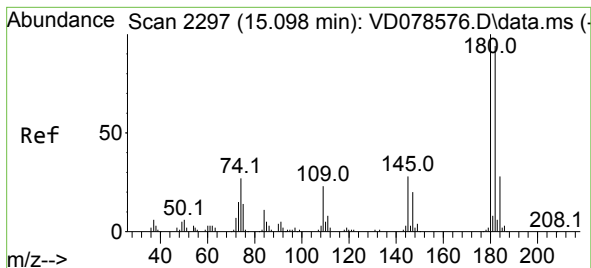
Tgt Ion:146 Resp: 129620
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.902 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD078622.D
Acq: 08 Mar 2024 18:51

Tgt Ion: 75 Resp: 8639
Ion Ratio Lower Upper
75 100
155 92.9 47.9 143.8
157 117.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 44.537 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

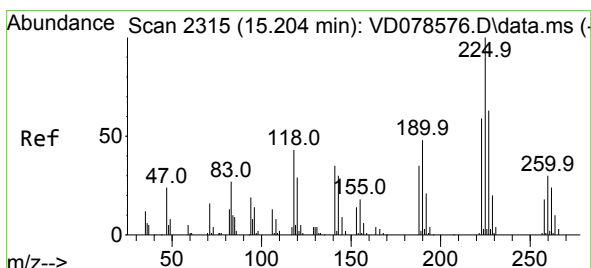
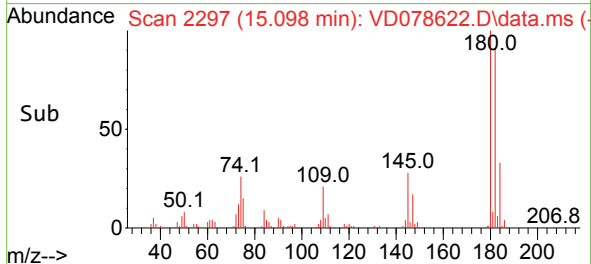
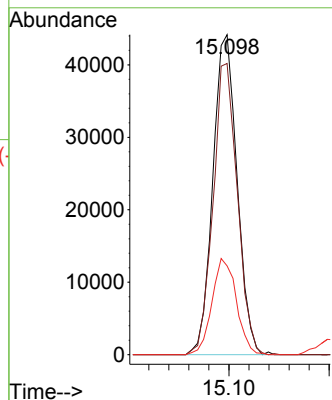
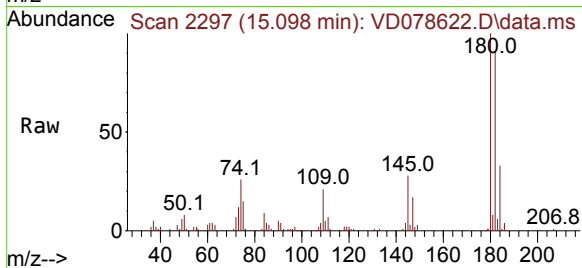
Tgt Ion:180 Resp: 74033

Ion Ratio Lower Upper

180 100

182 91.3 48.5 145.6

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 40.874 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

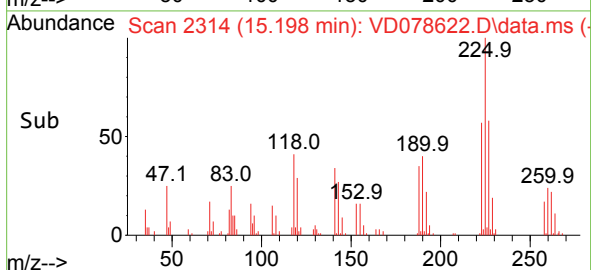
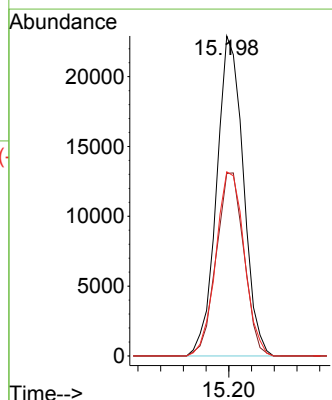
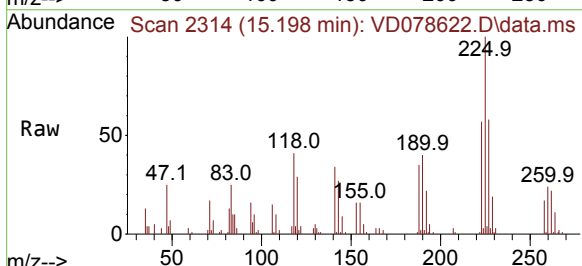
Tgt Ion:225 Resp: 37384

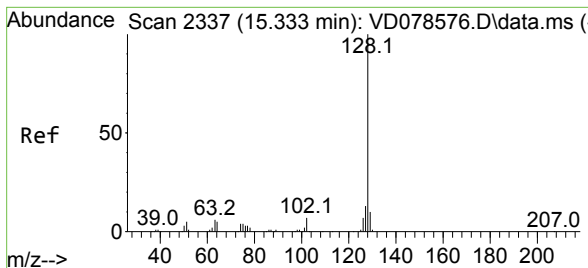
Ion Ratio Lower Upper

225 100

223 59.5 31.6 94.8

227 61.2 31.7 95.1





#95

Naphthalene

Concen: 49.922 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

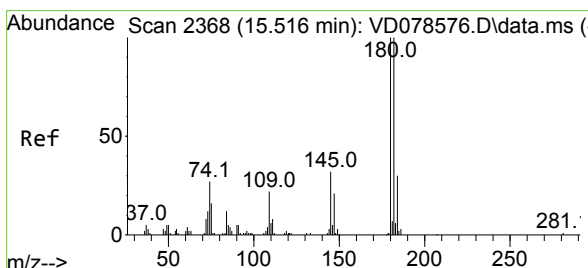
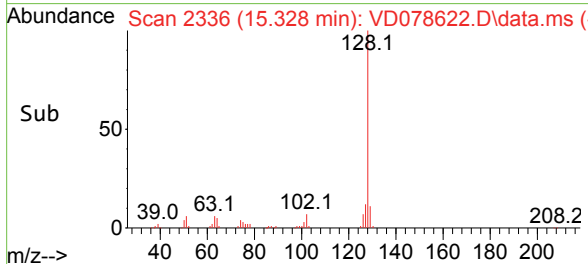
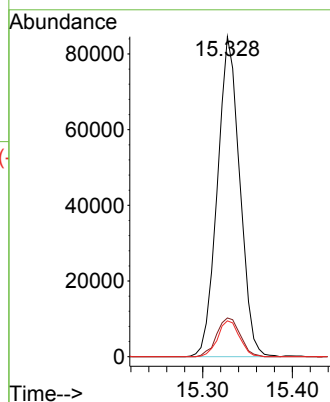
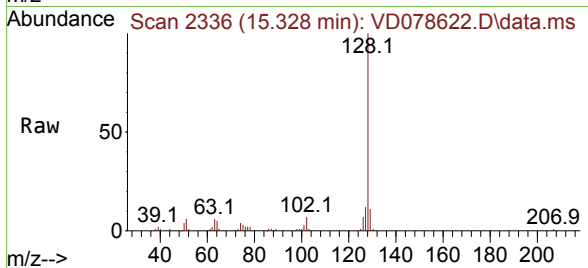
Tgt Ion:128 Resp: 146638

Ion Ratio Lower Upper

128 100

127 12.1 10.5 15.7

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.829 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD078622.D

Acq: 08 Mar 2024 18:51

Tgt Ion:180 Resp: 69132

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 28.9 15.1 45.3

