

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078284.D
 Acq On : 30 Jan 2024 17:42
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 00:59:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	108395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70060	52.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.420%	
35) Dibromofluoromethane	7.805	113	70742	49.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.040%	
50) Toluene-d8	10.269	98	270491	50.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.575	95	83853	51.769	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52156	45.454	ug/l	96
3) Chloromethane	2.152	50	112625	49.948	ug/l	96
4) Vinyl Chloride	2.281	62	140644	47.285	ug/l	98
5) Bromomethane	2.687	94	79027	43.887	ug/l	97
6) Chloroethane	2.834	64	98027	47.715	ug/l	99
7) Trichlorofluoromethane	3.169	101	116659	46.326	ug/l	92
8) Diethyl Ether	3.593	74	38639	51.869	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	69688	45.092	ug/l	94
10) Methyl Iodide	4.164	142	70882	50.421	ug/l #	89
11) Tert butyl alcohol	5.069	59	21772	254.370	ug/l	96
12) 1,1-Dichloroethene	3.940	96	70529	47.297	ug/l	89
13) Acrolein	3.799	56	24492	242.024	ug/l	97
14) Allyl chloride	4.564	41	100484	51.109	ug/l #	90
15) Acrylonitrile	5.263	53	89695	272.404	ug/l	99
16) Acetone	4.022	43	83379	266.019	ug/l	95
17) Carbon Disulfide	4.269	76	238225	47.321	ug/l	98
18) Methyl Acetate	4.564	43	43097	60.258	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	167077	53.874	ug/l	98
20) Methylene Chloride	4.811	84	90914	56.283	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	82527	48.947	ug/l	91
22) Diisopropyl ether	6.216	45	224478	53.658	ug/l #	92
23) Vinyl Acetate	6.158	43	690468	270.524	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	145037	50.080	ug/l	99
25) 2-Butanone	7.087	43	114384	255.817	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	112796	47.679	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	93648	50.115	ug/l	91
28) Bromochloromethane	7.428	49	57138	55.314	ug/l #	78
29) Tetrahydrofuran	7.452	42	67183	280.864	ug/l	87
30) Chloroform	7.605	83	151236	51.073	ug/l	90
31) Cyclohexane	7.875	56	118661	47.217	ug/l	87
32) 1,1,1-Trichloroethane	7.799	97	126203	49.453	ug/l	99
36) 1,1-Dichloropropene	8.010	75	115337	48.686	ug/l	95
37) Ethyl Acetate	7.175	43	50803	55.719	ug/l #	91
38) Carbon Tetrachloride	7.993	117	108304	46.496	ug/l	94
39) Methylcyclohexane	9.275	83	133854	47.790	ug/l	93
40) Benzene	8.252	78	341266	49.372	ug/l	99

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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDC0050EC

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29352	59.879	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	91356	50.958	ug/l	93
43) Isopropyl Acetate	8.363	43	90951	55.635	ug/l #	76
44) Trichloroethene	9.028	130	81011	47.729	ug/l	91
45) 1,2-Dichloropropane	9.304	63	83119	49.182	ug/l	99
46) Dibromomethane	9.393	93	48903	52.153	ug/l #	86
47) Bromodichloromethane	9.587	83	116860	50.654	ug/l	98
48) Methyl methacrylate	9.381	41	41563	53.205	ug/l #	80
49) 1,4-Dioxane	9.387	88	11243	1068.865	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	246374	278.589	ug/l	88
52) Toluene	10.334	92	212416	50.664	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	111876	51.917	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	131272	51.457	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	65876	53.836	ug/l	96
56) Ethyl methacrylate	10.598	69	77108	55.556	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	112474	53.308	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	161884	256.482	ug/l	96
59) 2-Hexanone	10.922	43	181505	272.513	ug/l	87
60) Dibromochloromethane	11.075	129	74452	52.415	ug/l	96
61) 1,2-Dibromoethane	11.181	107	60777	52.608	ug/l	99
64) Tetrachloroethene	10.810	164	65151	49.436	ug/l	94
65) Chlorobenzene	11.610	112	221811	49.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	80819	50.213	ug/l	94
67) Ethyl Benzene	11.681	91	404446	49.391	ug/l	95
68) m/p-Xylenes	11.793	106	315266	100.073	ug/l	89
69) o-Xylene	12.122	106	148516	51.298	ug/l	92
70) Styrene	12.134	104	257568	52.094	ug/l	97
71) Bromoform	12.298	173	41663	52.558	ug/l #	97
73) Isopropylbenzene	12.422	105	379005	48.883	ug/l	96
74) N-amyl acetate	12.234	43	87165	54.358	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	76643	51.188	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	92233	96.299	ug/l #	100
77) Bromobenzene	12.698	156	83139	48.728	ug/l	81
78) n-propylbenzene	12.763	91	483579	50.069	ug/l	94
79) 2-Chlorotoluene	12.845	91	252994	48.933	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	316174	50.127	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	23767	49.351	ug/l	96
82) 4-Chlorotoluene	12.945	91	273593	49.637	ug/l	93
83) tert-Butylbenzene	13.163	119	267729	49.745	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	326508	51.165	ug/l	95
85) sec-Butylbenzene	13.345	105	413135	48.910	ug/l	95
86) p-Isopropyltoluene	13.457	119	347409	50.215	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	177336	50.030	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	174624	49.793	ug/l	97
89) n-Butylbenzene	13.787	91	337241	50.024	ug/l	97
90) Hexachloroethane	14.051	117	68813	49.797	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	154653	51.000	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10699	50.975	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	87538	49.907	ug/l	96
94) Hexachlorobutadiene	15.198	225	41546	48.338	ug/l	98
95) Naphthalene	15.334	128	190377	54.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	80934	52.405	ug/l	98

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 31 00:59:36 2024
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Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

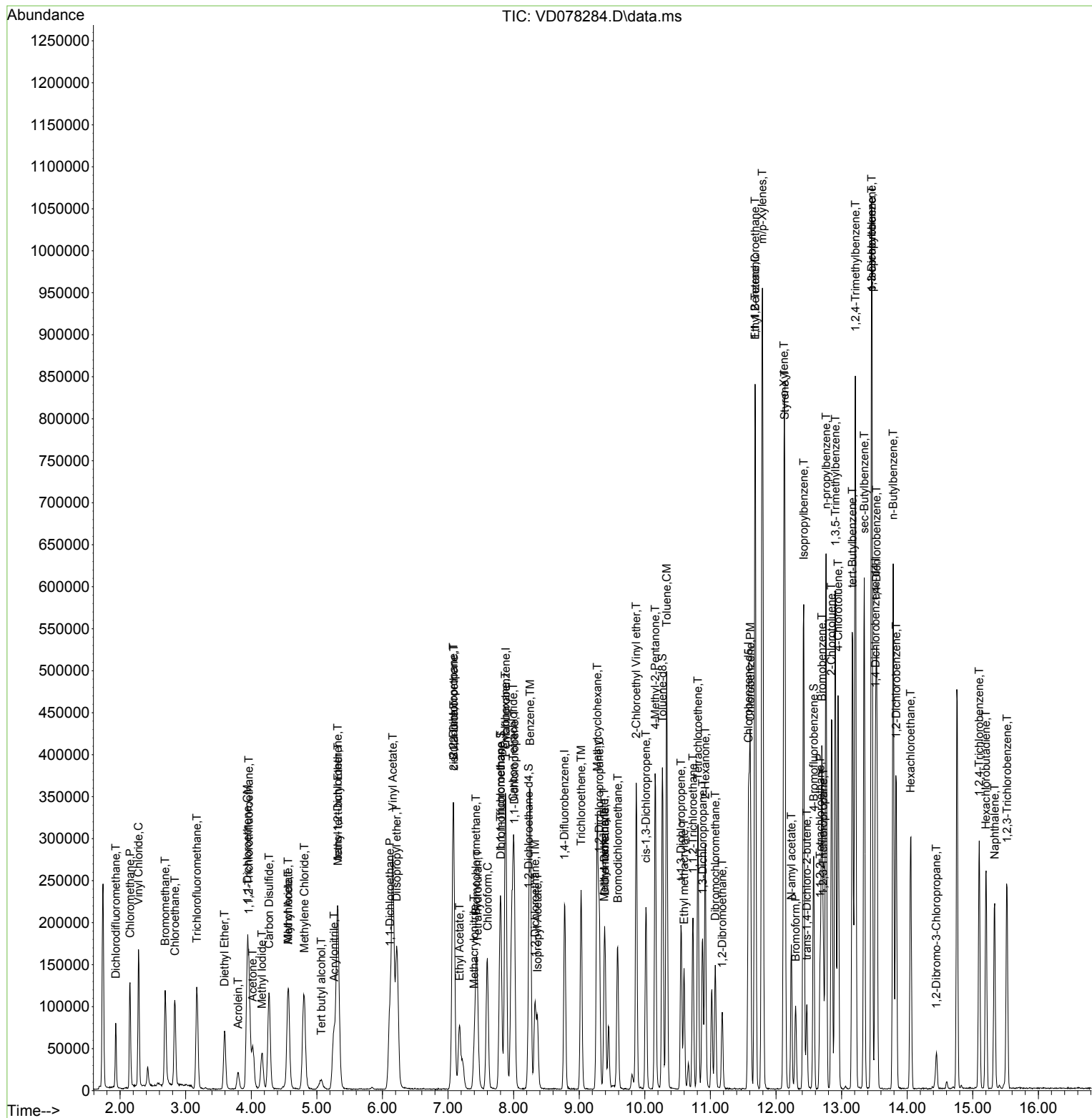
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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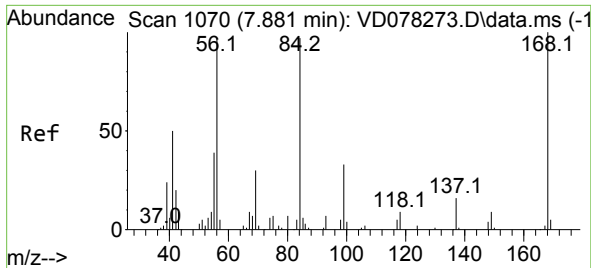
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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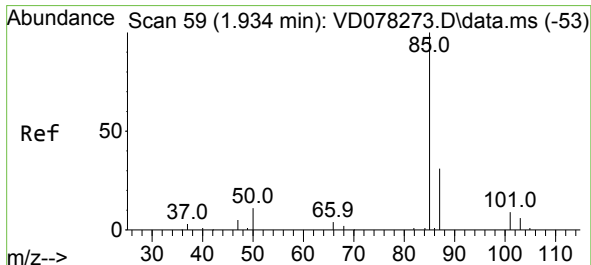
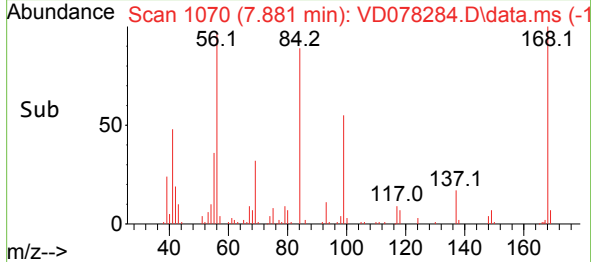
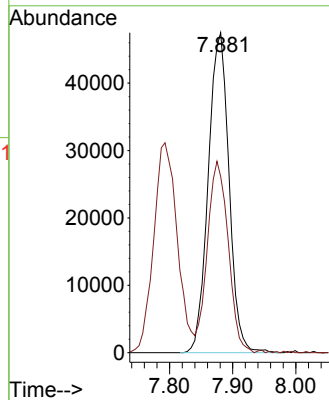
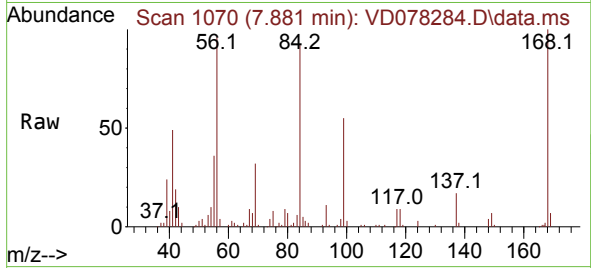




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078284.D
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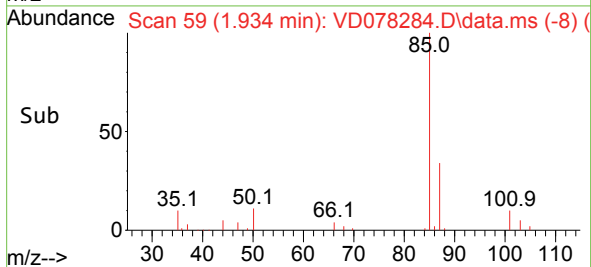
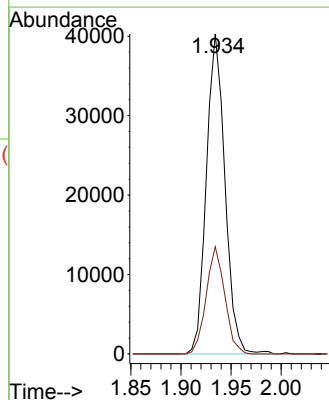
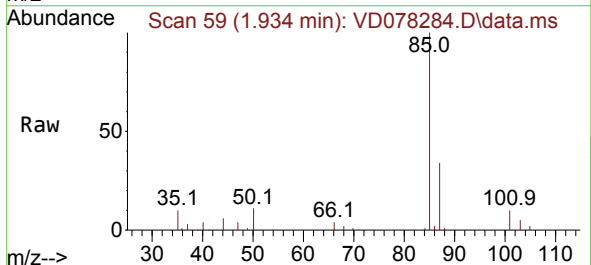
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

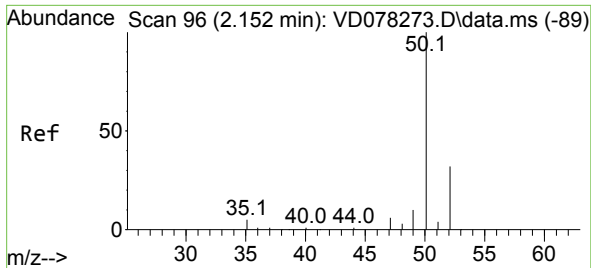
Tgt Ion:168 Resp: 108395
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 45.454 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 85 Resp: 52156
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0

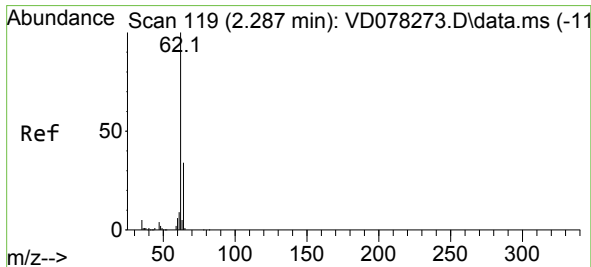
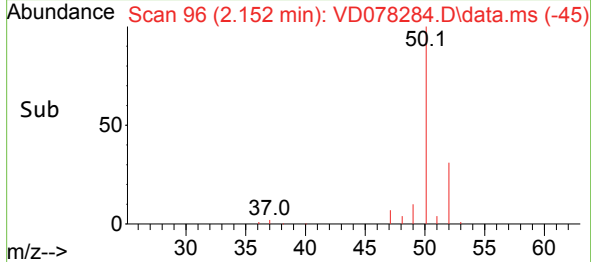
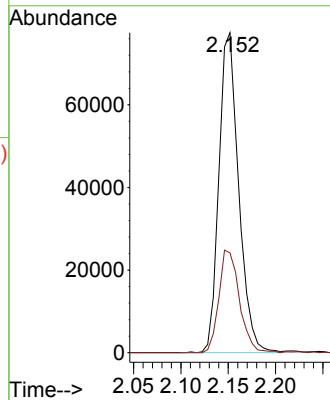
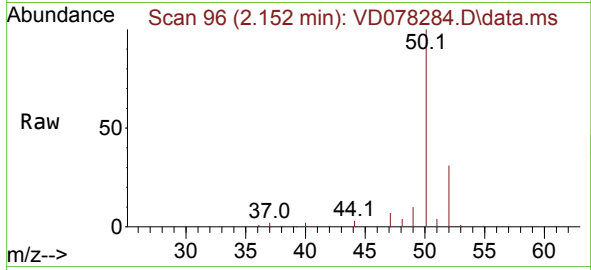




#3
Chloromethane
Concen: 49.948 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

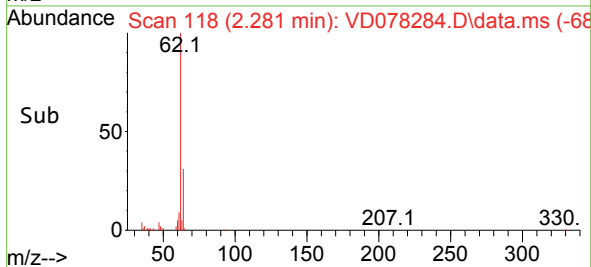
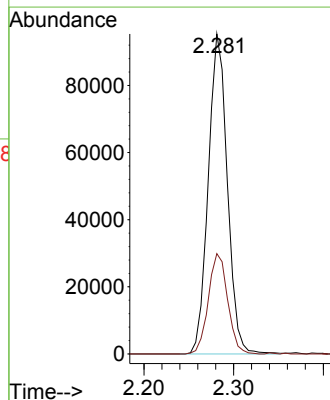
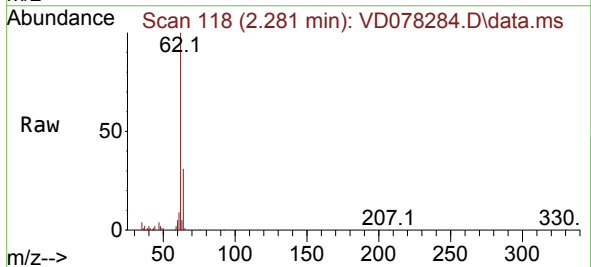
Instrument :
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ClientSampleId :
VSTDCCC050EC

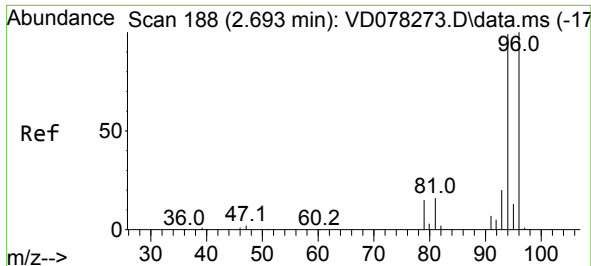
Tgt Ion: 50 Resp: 112625
Ion Ratio Lower Upper
50 100
52 31.2 26.6 40.0



#4
Vinyl Chloride
Concen: 47.285 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 62 Resp: 140644
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

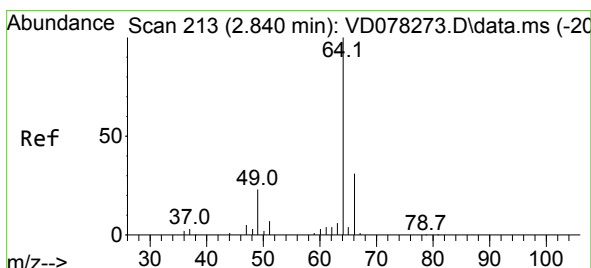
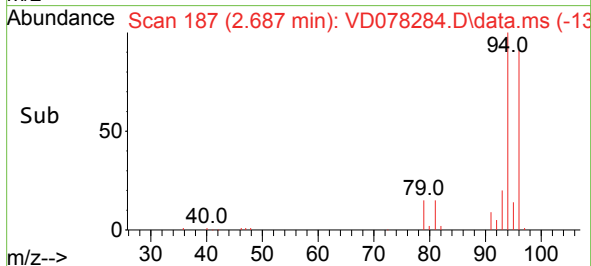
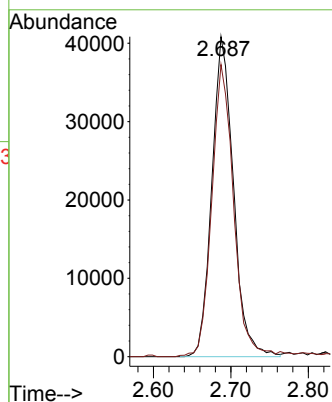
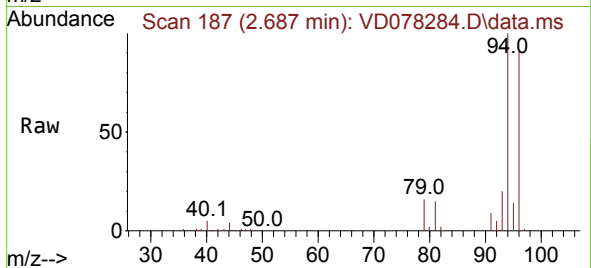




#5
Bromomethane
Concen: 43.887 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

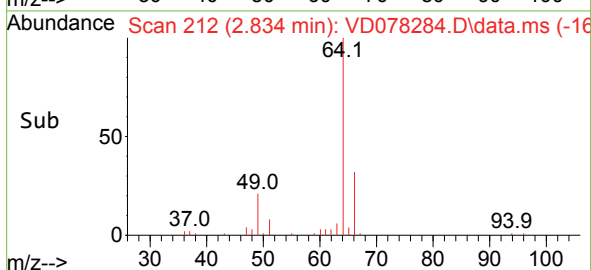
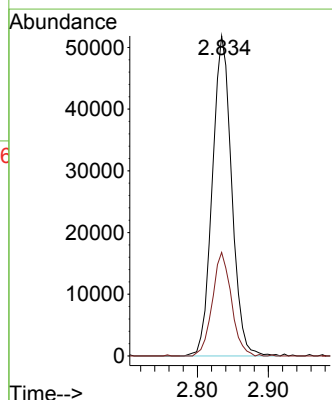
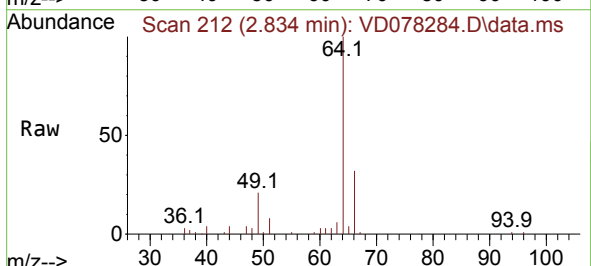
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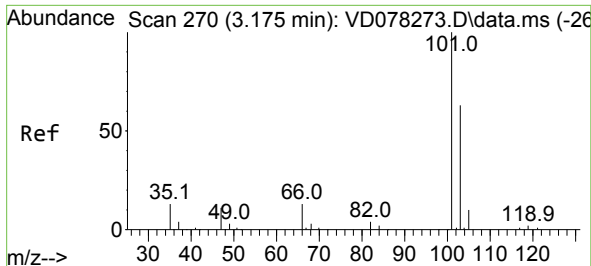
Tgt Ion: 94 Resp: 79027
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8



#6
Chloroethane
Concen: 47.715 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 64 Resp: 98027
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3

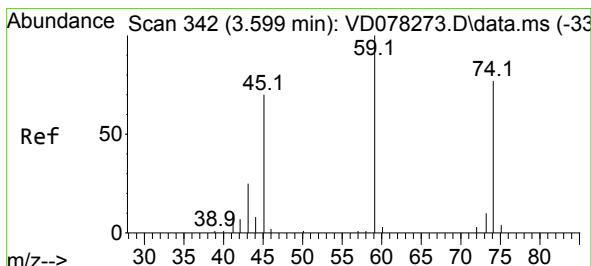
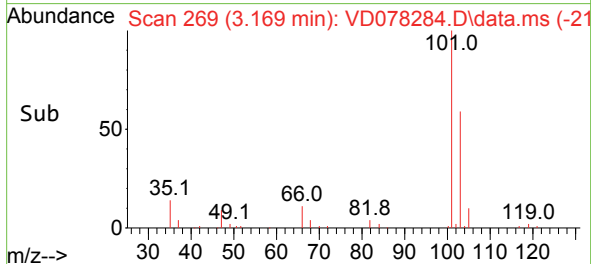
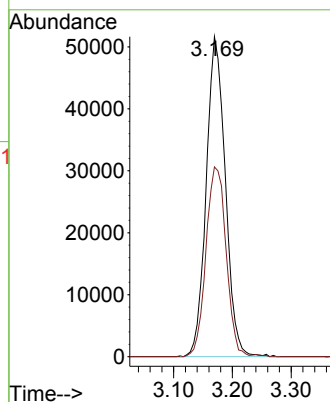
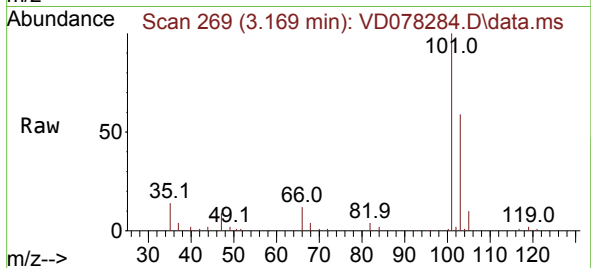




#7
Trichlorofluoromethane
Concen: 46.326 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

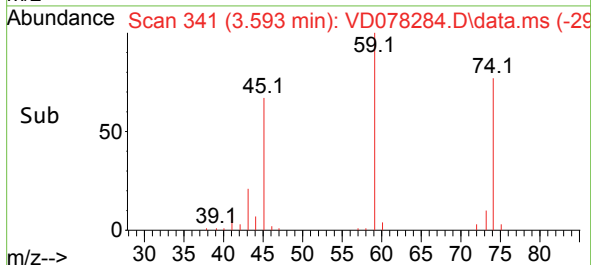
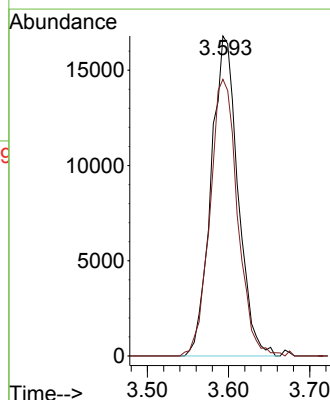
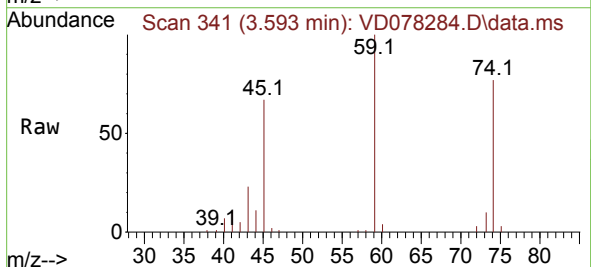
Instrument :
MSVOA_D
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VSTDCCC050EC

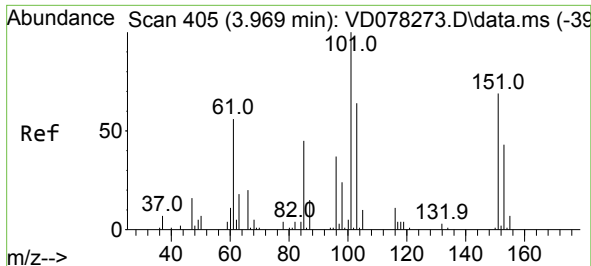
Tgt Ion:101 Resp: 116659
Ion Ratio Lower Upper
101 100
103 59.3 52.3 78.5



#8
Diethyl Ether
Concen: 51.869 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 74 Resp: 38639
Ion Ratio Lower Upper
74 100
45 88.9 37.5 112.7

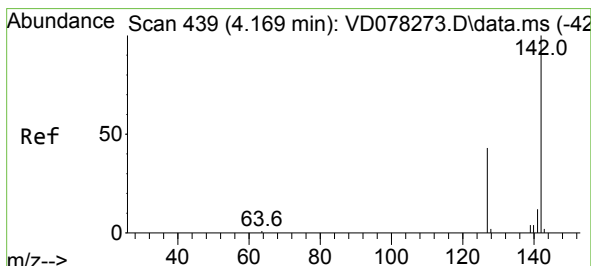
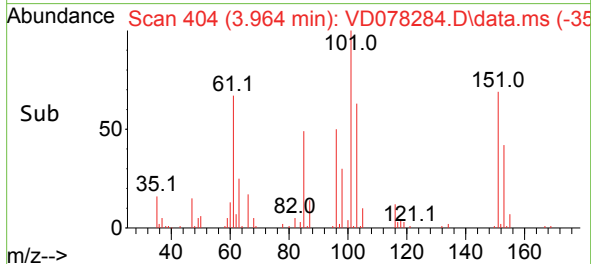
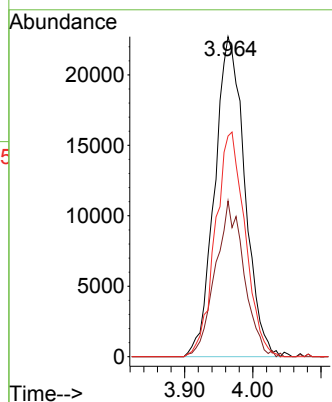
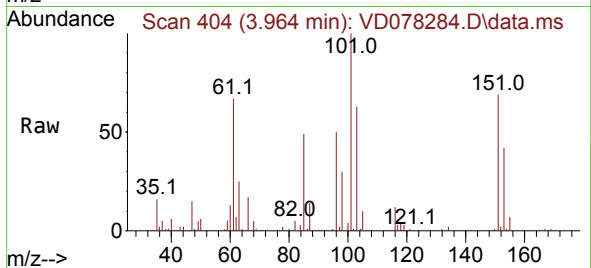




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.092 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

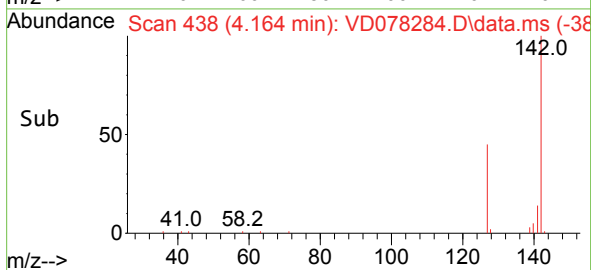
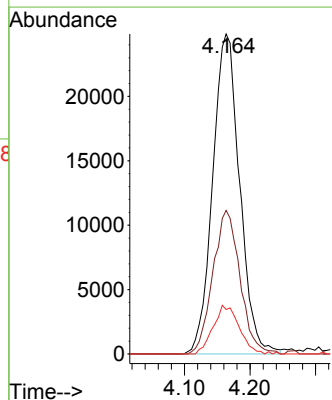
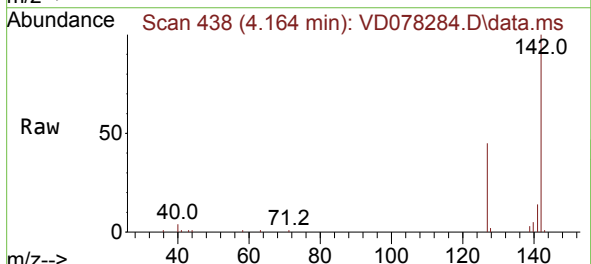
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

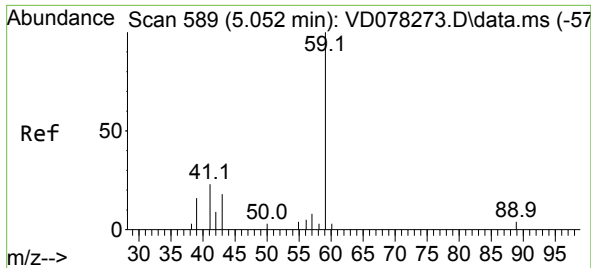
Tgt Ion:101 Resp: 69688
Ion Ratio Lower Upper
101 100
85 46.6 33.8 50.6
151 69.6 59.8 89.6



#10
Methyl Iodide
Concen: 50.421 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:142 Resp: 70882
Ion Ratio Lower Upper
142 100
127 45.1 29.4 44.0#
141 14.6 11.1 16.7

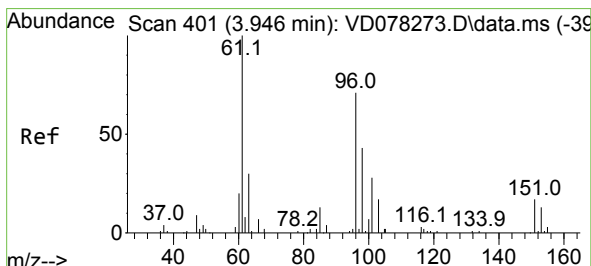
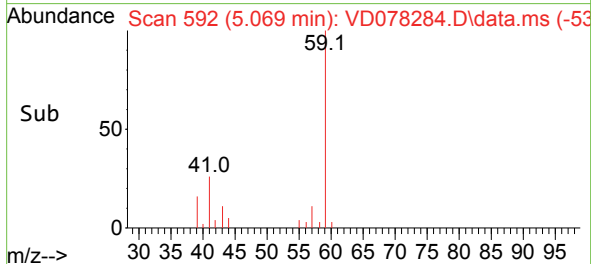
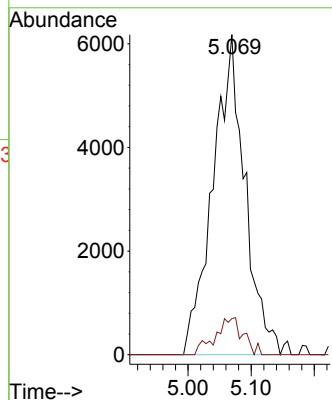
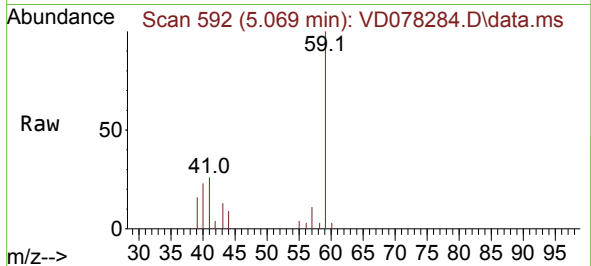




#11
Tert butyl alcohol
Concen: 254.370 ug/l
RT: 5.069 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

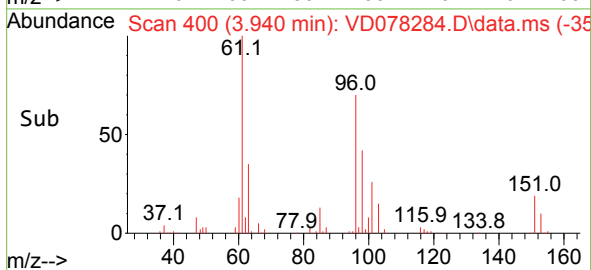
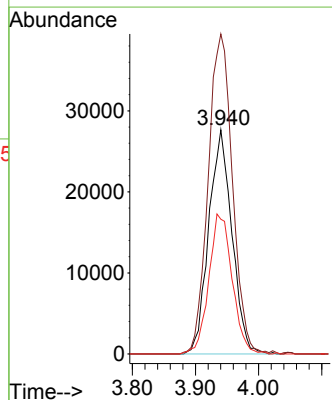
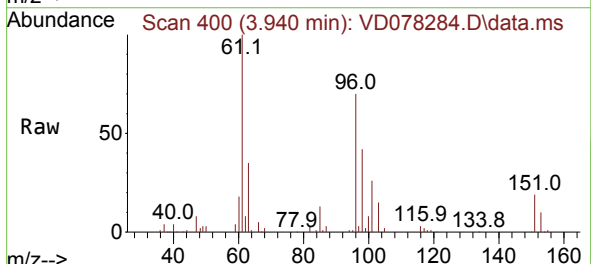
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

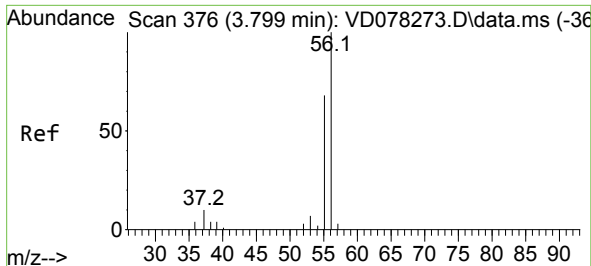
Tgt Ion: 59 Resp: 21772
Ion Ratio Lower Upper
59 100
57 8.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.297 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 96 Resp: 70529
Ion Ratio Lower Upper
96 100
61 142.7 100.6 150.8
98 60.1 50.2 75.2

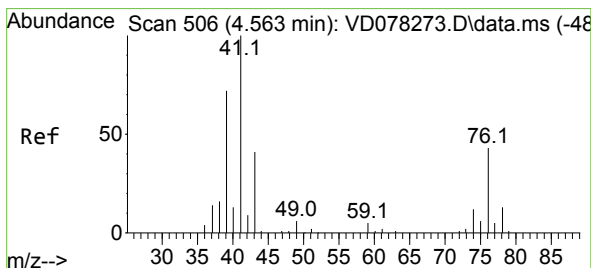
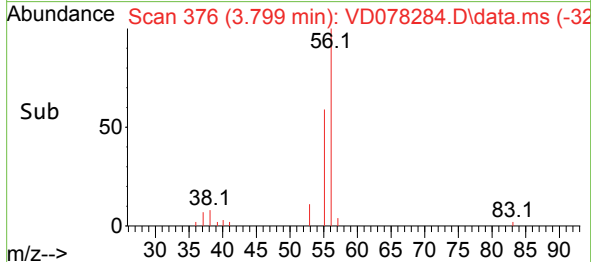
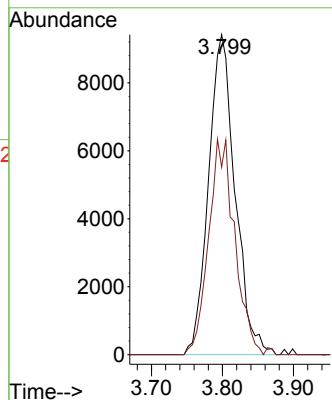
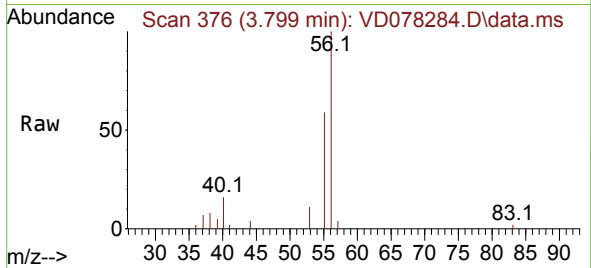




#13
Acrolein
Concen: 242.024 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

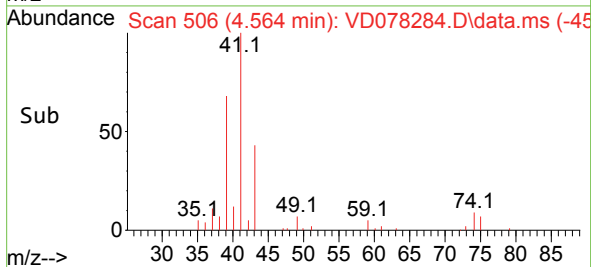
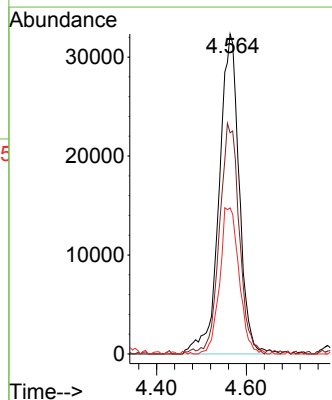
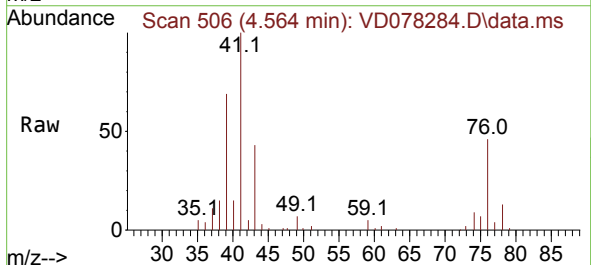
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

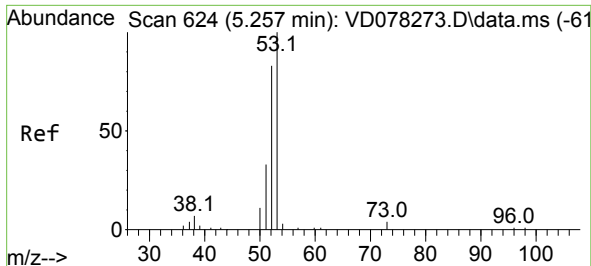
Tgt Ion: 56 Resp: 24492
Ion Ratio Lower Upper
56 100
55 66.1 55.1 82.7



#14
Allyl chloride
Concen: 51.109 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 41 Resp: 100484
Ion Ratio Lower Upper
41 100
39 70.5 53.8 80.6
76 44.2 45.8 68.8#





#15

Acrylonitrile

Concen: 272.404 ug/l

RT: 5.263 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

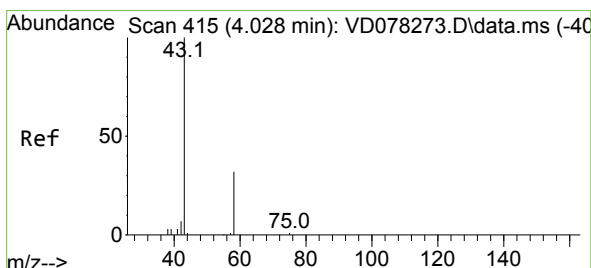
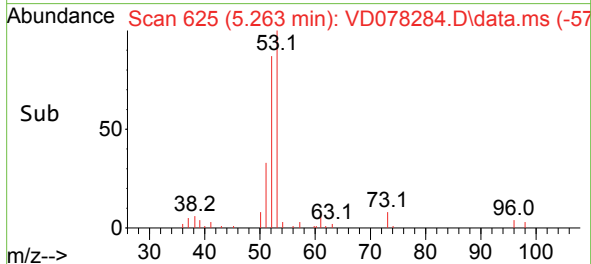
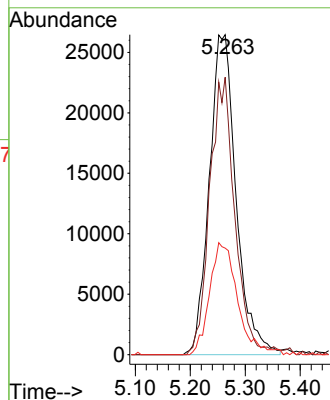
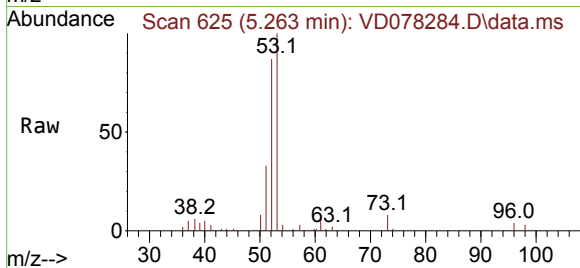
Tgt Ion: 53 Resp: 89695

Ion Ratio Lower Upper

53 100

52 81.6 65.0 97.4

51 36.6 28.3 42.5



#16

Acetone

Concen: 266.019 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.006 min

Lab File: VD078284.D

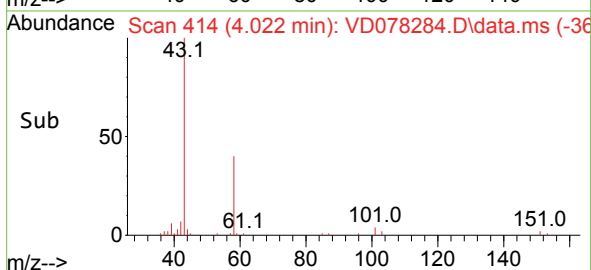
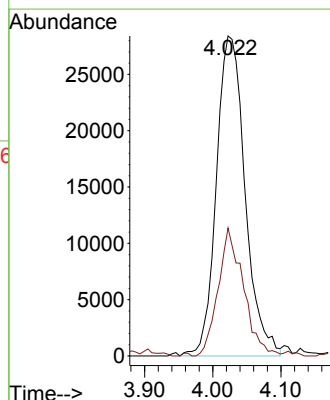
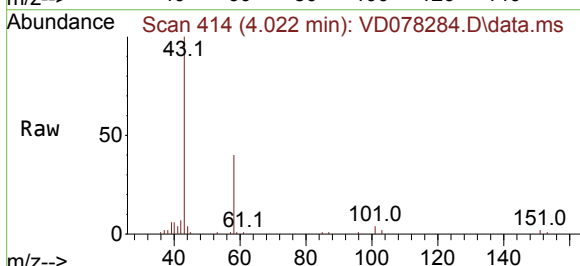
Acq: 30 Jan 2024 17:42

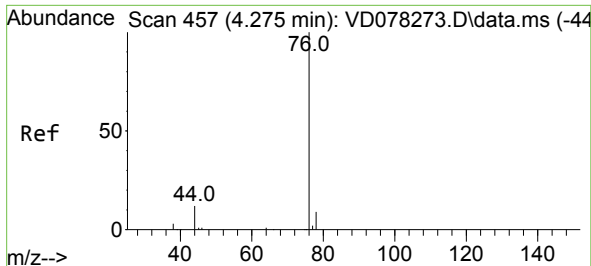
Tgt Ion: 43 Resp: 83379

Ion Ratio Lower Upper

43 100

58 40.0 34.7 52.1

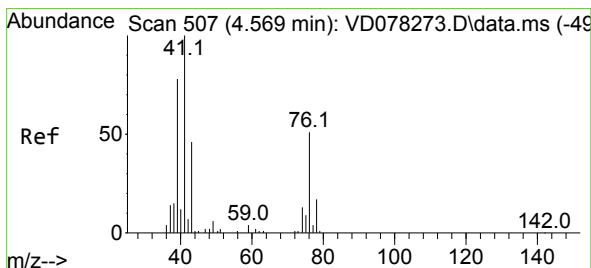
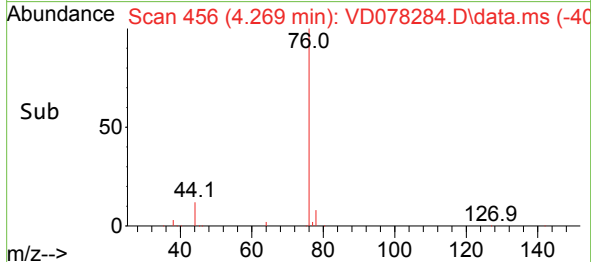
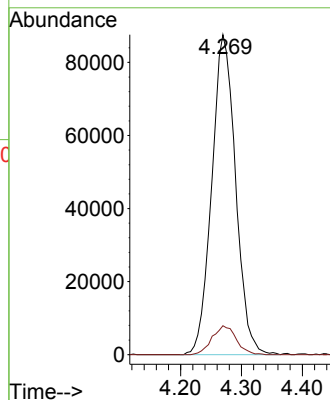
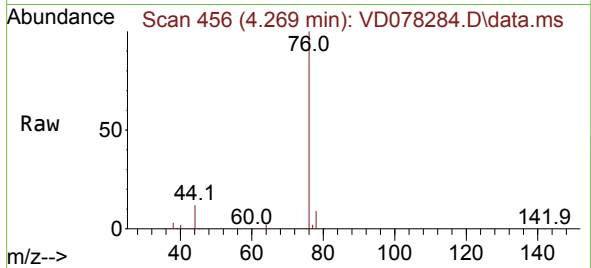




#17
Carbon Disulfide
Concen: 47.321 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

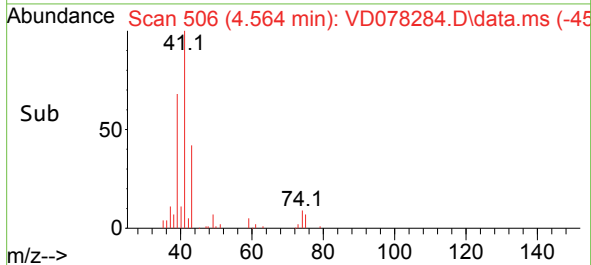
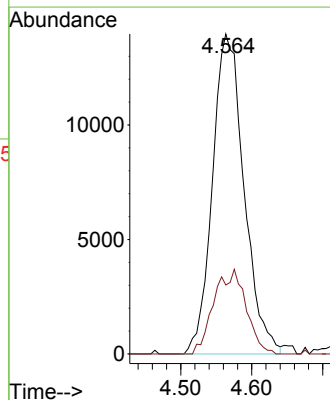
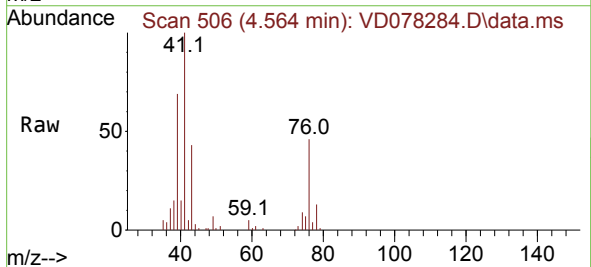
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

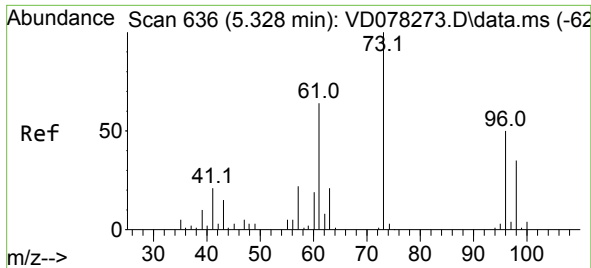
Tgt Ion: 76 Resp: 238225
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 60.258 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 43 Resp: 43097
Ion Ratio Lower Upper
43 100
74 27.0 26.4 39.6

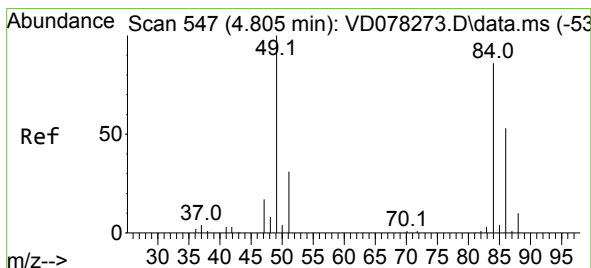
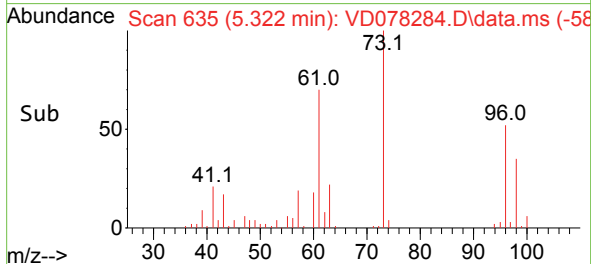
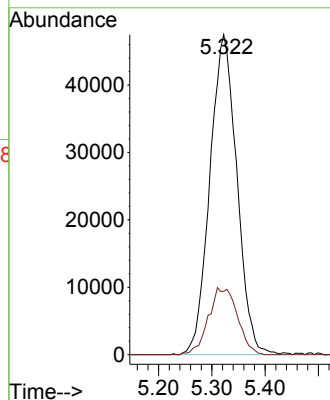
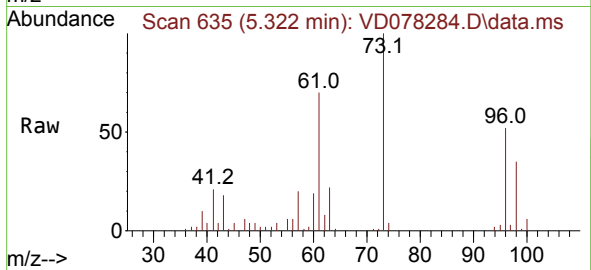




#19
Methyl tert-butyl Ether
Concen: 53.874 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

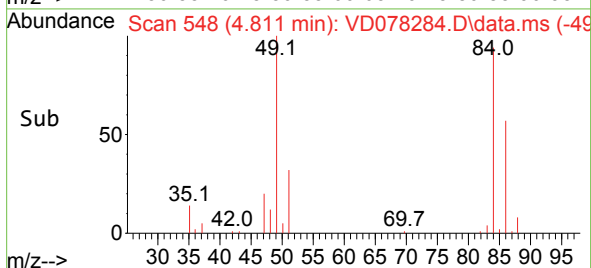
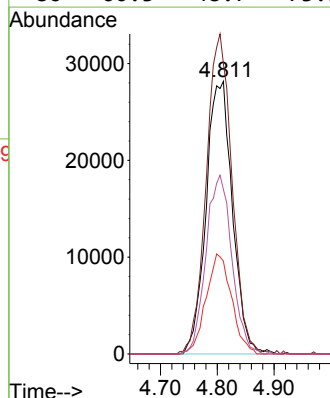
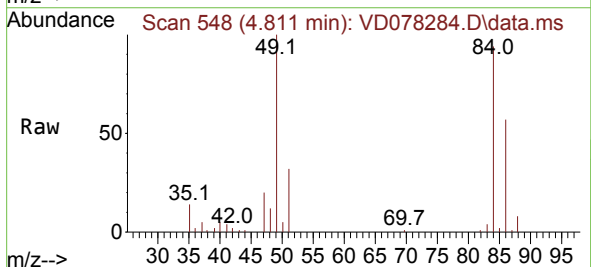
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

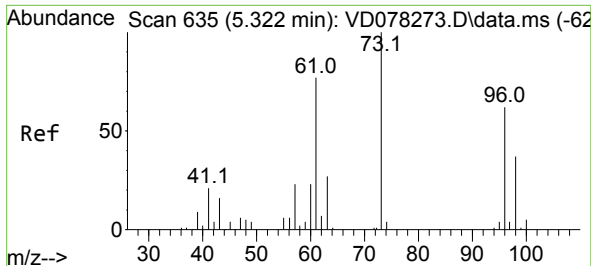
Tgt Ion: 73 Resp: 167077
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0



#20
Methylene Chloride
Concen: 56.283 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 84 Resp: 90914
Ion Ratio Lower Upper
84 100
49 106.5 71.4 107.2
51 34.0 24.5 36.7
86 60.3 48.7 73.1

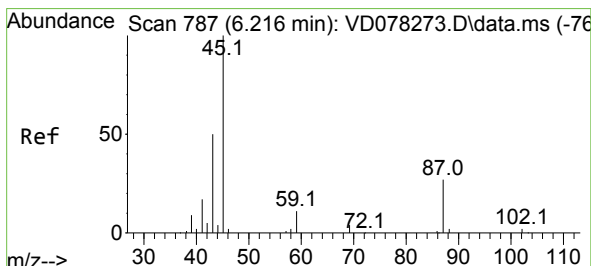
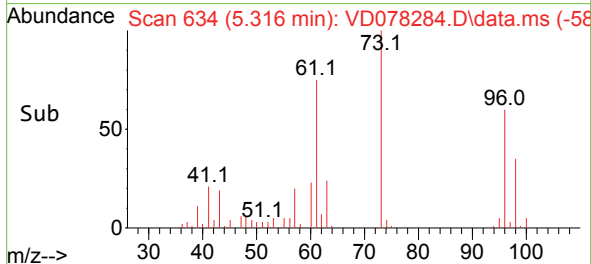
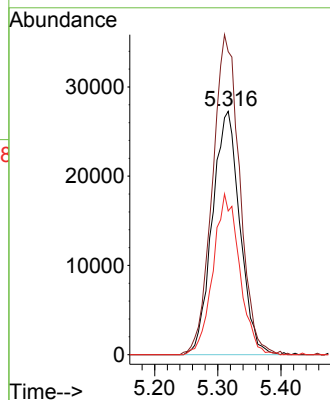
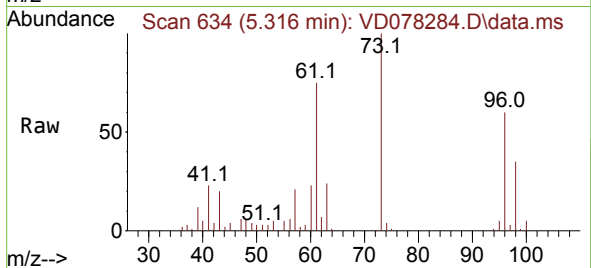




#21
trans-1,2-Dichloroethene
Concen: 48.947 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

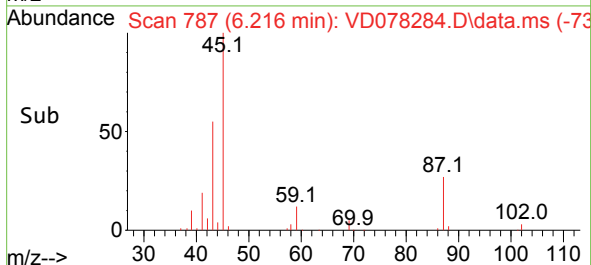
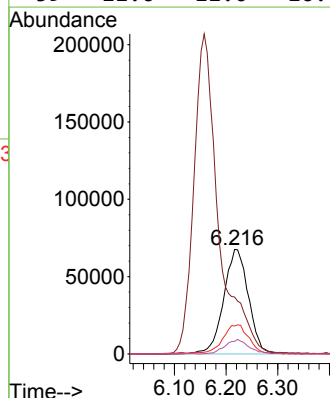
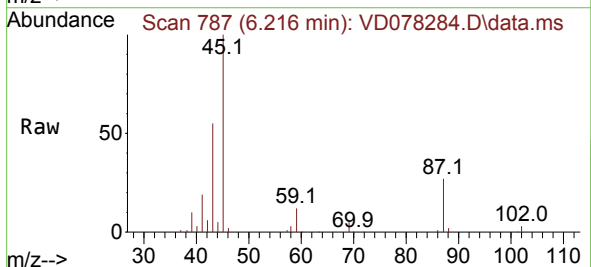
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

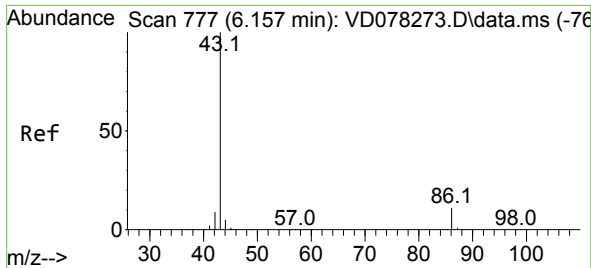
Tgt Ion: 96 Resp: 82527
Ion Ratio Lower Upper
96 100
61 124.5 89.3 133.9
98 59.0 48.6 73.0



#22
Diisopropyl ether
Concen: 53.658 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 45 Resp: 224478
Ion Ratio Lower Upper
45 100
43 53.0 40.0 60.0
87 26.4 28.2 42.4#
59 11.6 11.0 16.4

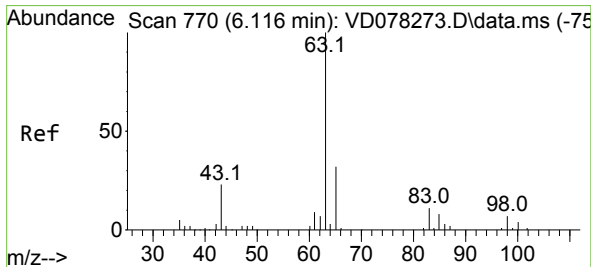
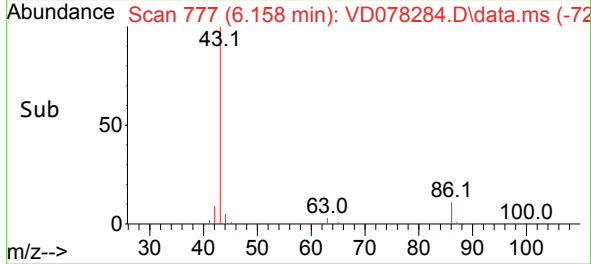
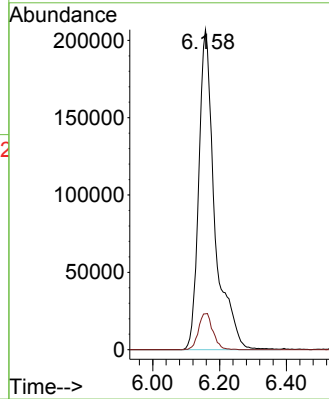
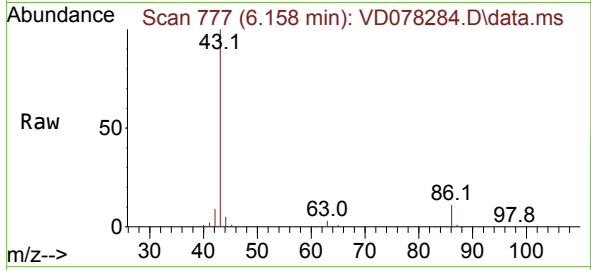




#23
 Vinyl Acetate
 Concen: 270.524 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078284.D
 Acq: 30 Jan 2024 17:42

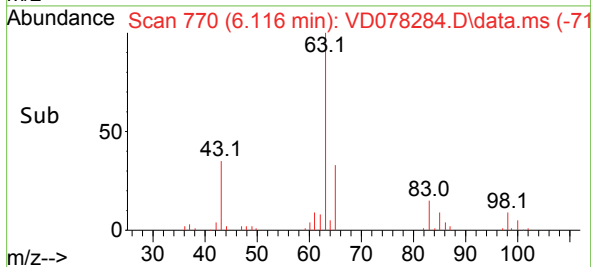
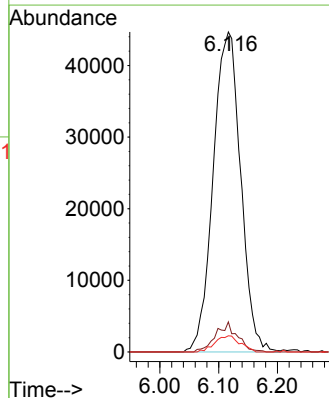
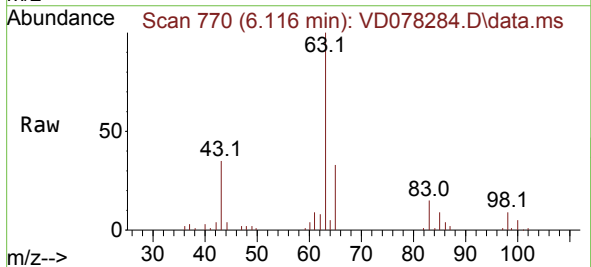
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

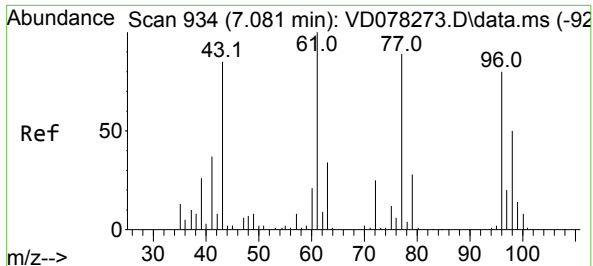
Tgt Ion: 43 Resp: 690468
 Ion Ratio Lower Upper
 43 100
 86 11.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 50.080 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078284.D
 Acq: 30 Jan 2024 17:42

Tgt Ion: 63 Resp: 145037
 Ion Ratio Lower Upper
 63 100
 98 9.4 4.5 13.7
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 255.817 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

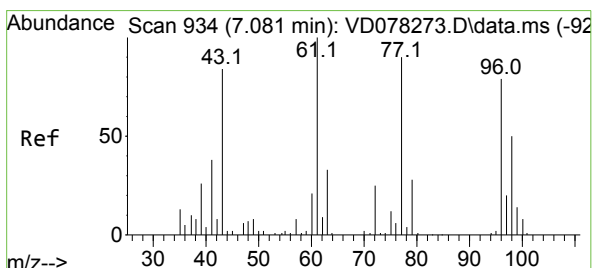
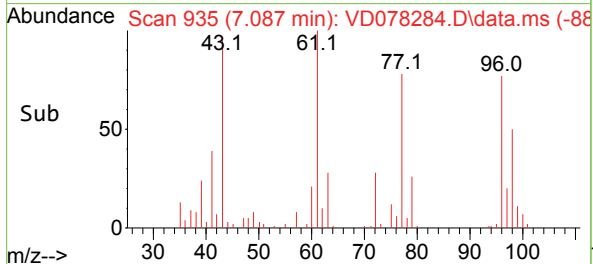
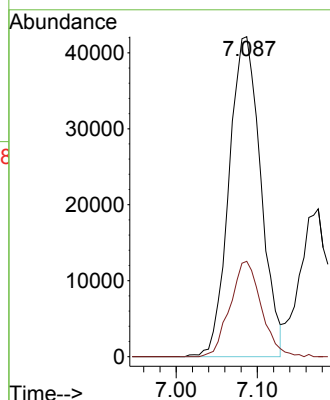
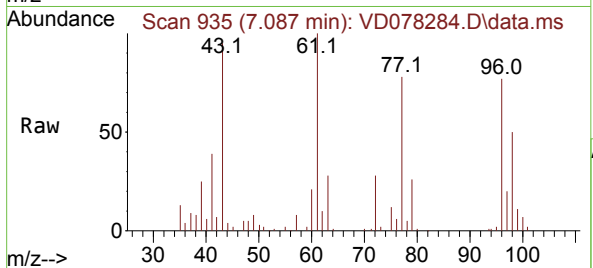
VSTDCCC050EC

Tgt Ion: 43 Resp: 114384

Ion Ratio Lower Upper

43 100

72 29.8 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 47.679 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078284.D

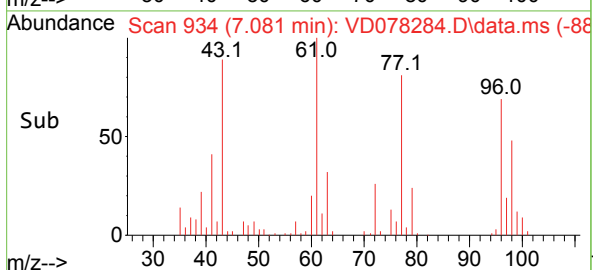
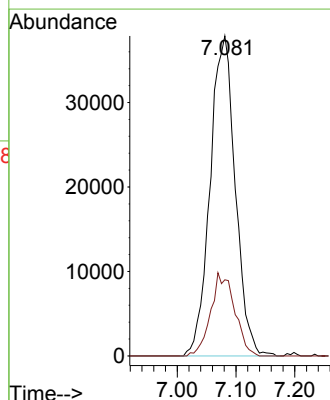
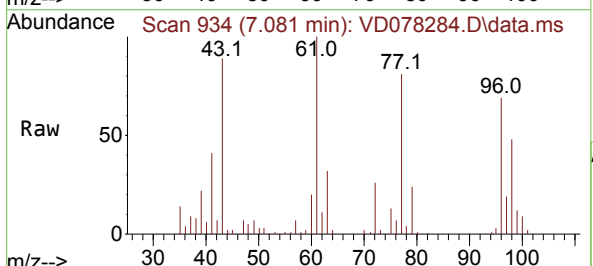
Acq: 30 Jan 2024 17:42

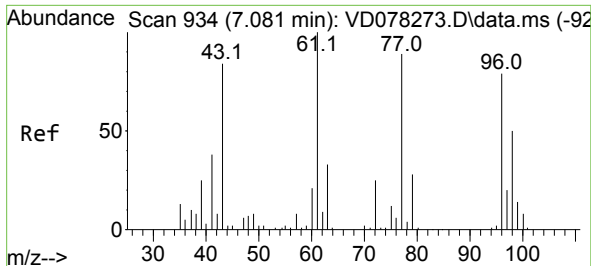
Tgt Ion: 77 Resp: 112796

Ion Ratio Lower Upper

77 100

97 24.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 50.115 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

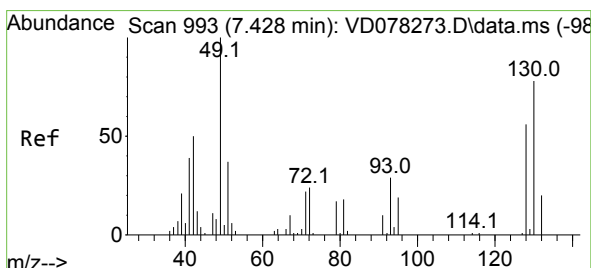
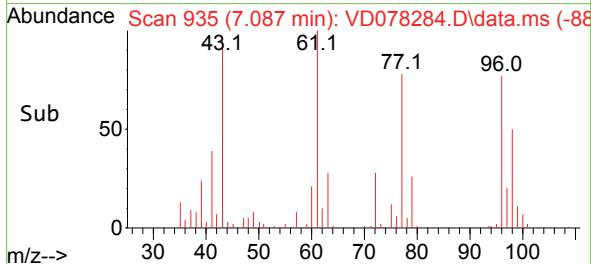
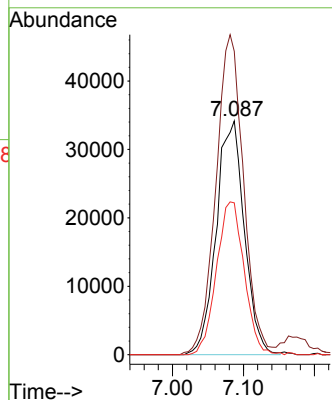
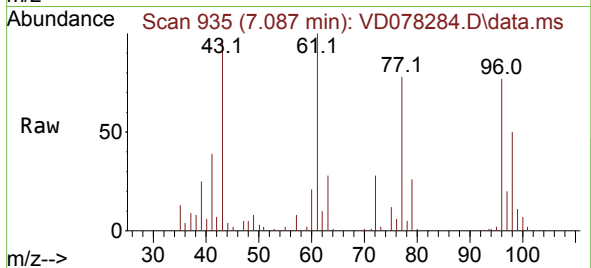
Tgt Ion: 96 Resp: 93648

Ion Ratio Lower Upper

96 100

61 135.1 0.0 239.2

98 64.7 0.0 128.6



#28

Bromochloromethane

Concen: 55.314 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

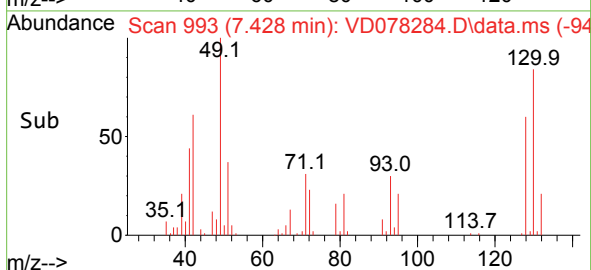
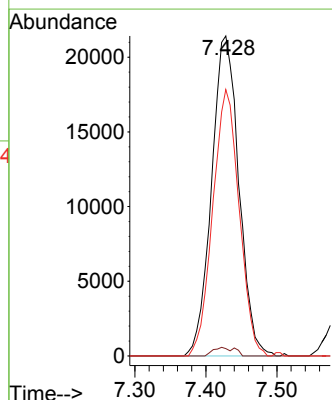
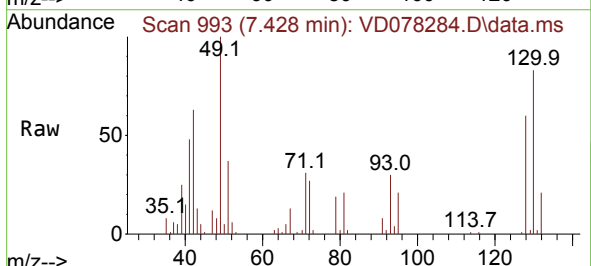
Tgt Ion: 49 Resp: 57138

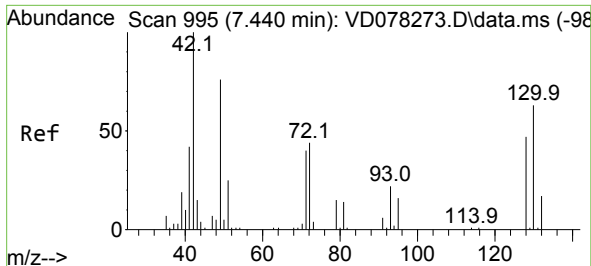
Ion Ratio Lower Upper

49 100

129 2.1 0.0 6.0

130 80.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 280.864 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

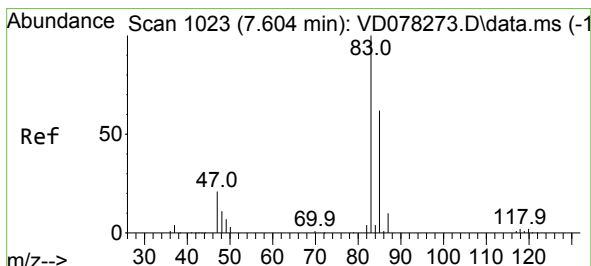
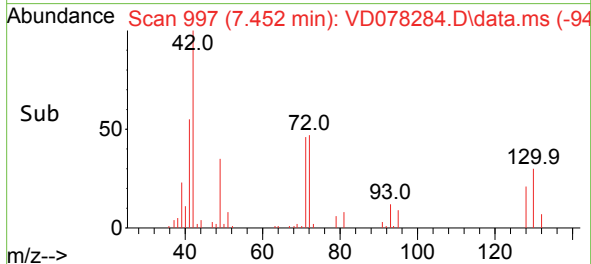
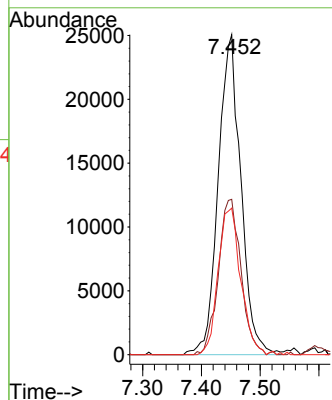
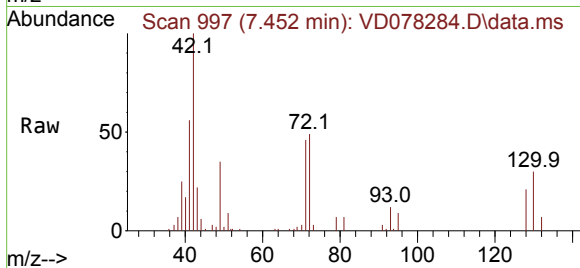
Tgt Ion: 42 Resp: 67183

Ion Ratio Lower Upper

42 100

72 48.6 46.5 69.7

71 45.7 44.5 66.7



#30

Chloroform

Concen: 51.073 ug/l

RT: 7.605 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VD078284.D

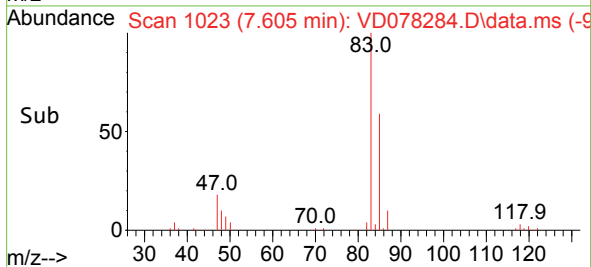
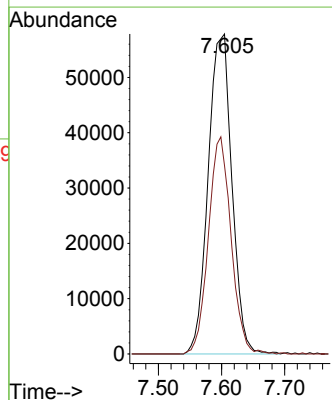
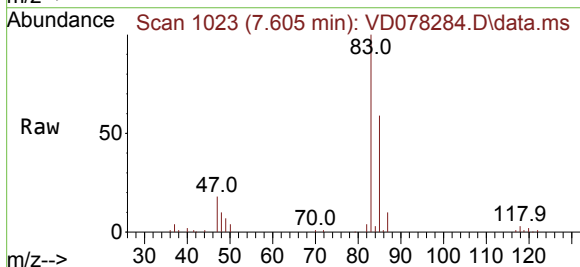
Acq: 30 Jan 2024 17:42

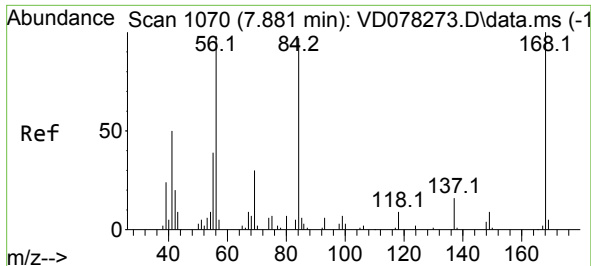
Tgt Ion: 83 Resp: 151236

Ion Ratio Lower Upper

83 100

85 58.8 53.4 80.2

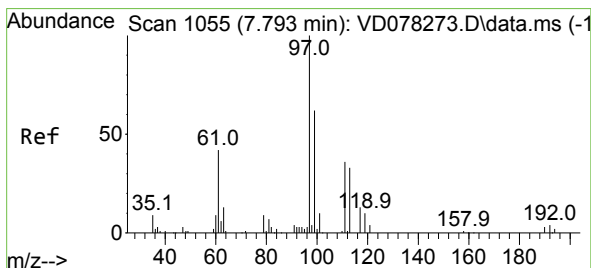
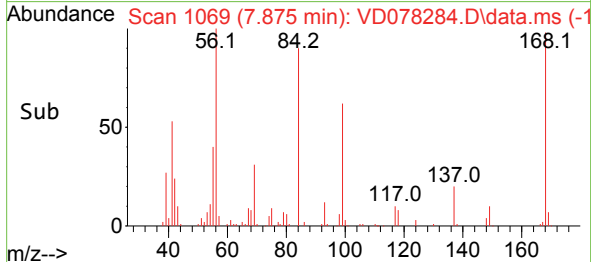
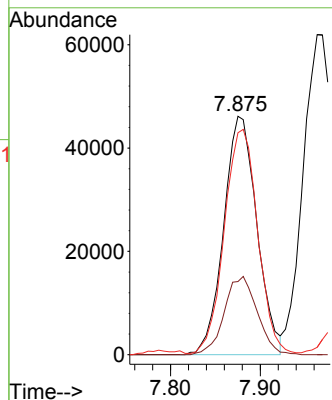
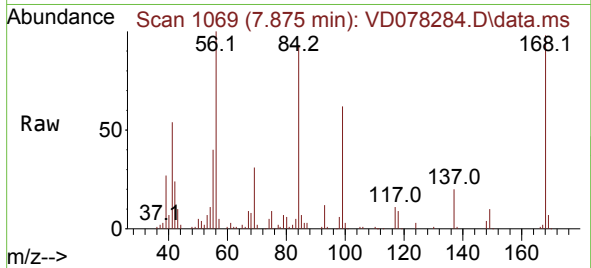




#31
Cyclohexane
Concen: 47.217 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

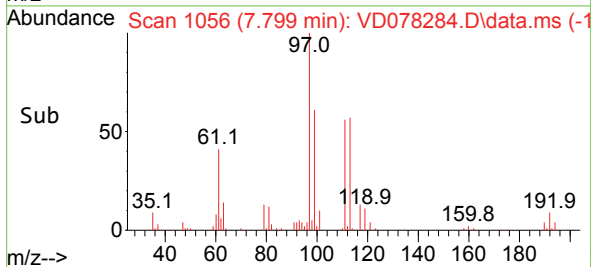
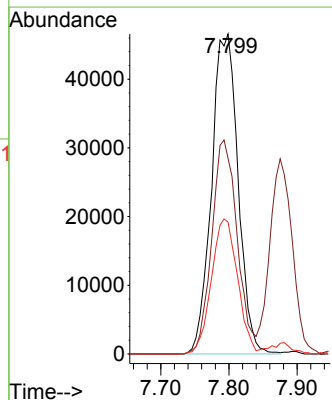
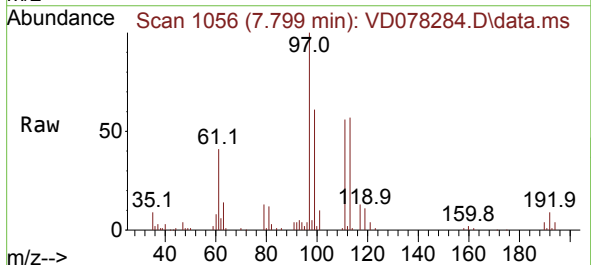
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

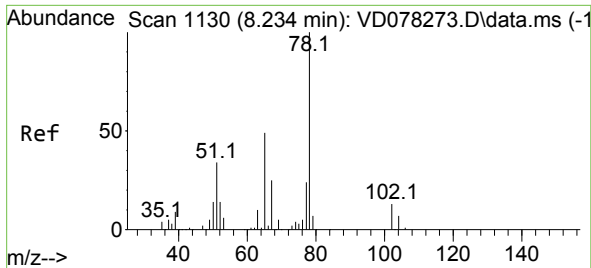
Tgt Ion: 56 Resp: 118661
Ion Ratio Lower Upper
56 100
69 30.7 28.6 43.0
84 91.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.453 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 97 Resp: 126203
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 41.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.211 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

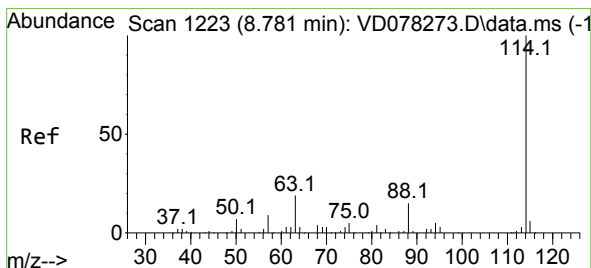
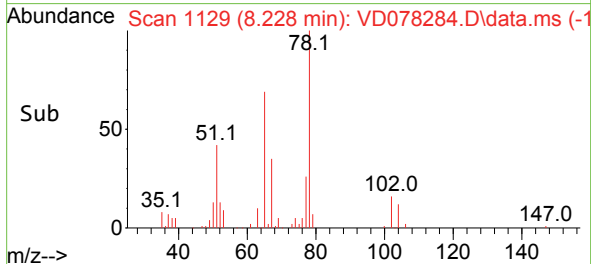
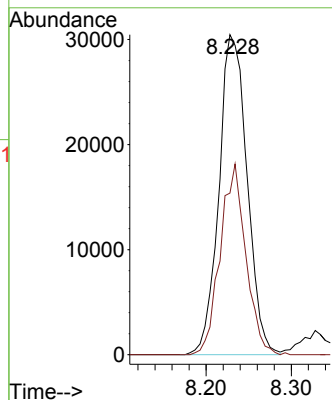
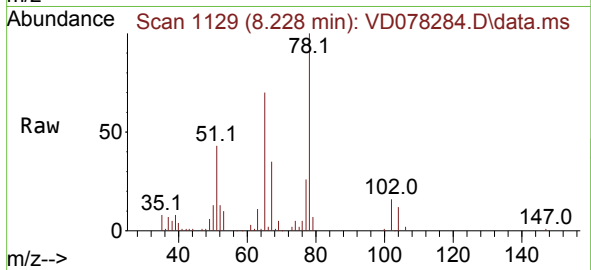
VSTDCCC050EC

Tgt Ion: 65 Resp: 70060

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

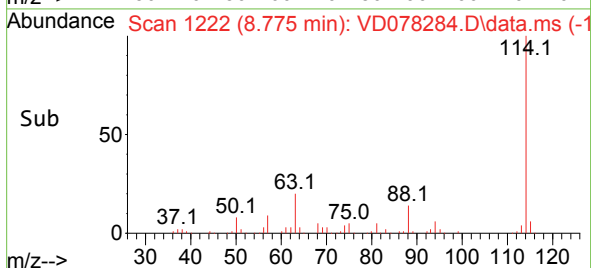
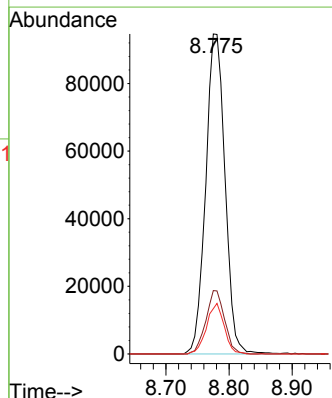
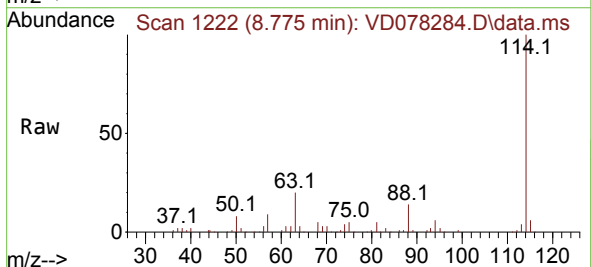
Tgt Ion: 114 Resp: 200666

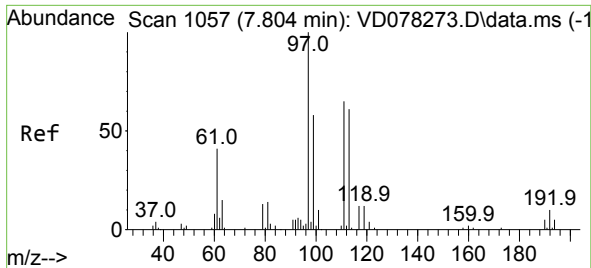
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.1 0.0 26.2

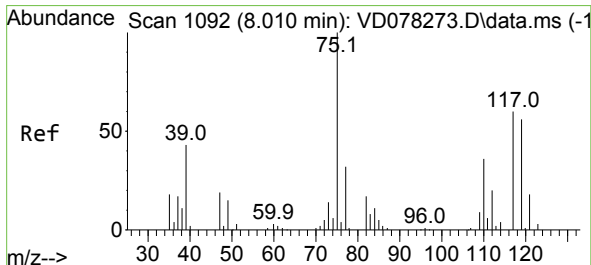
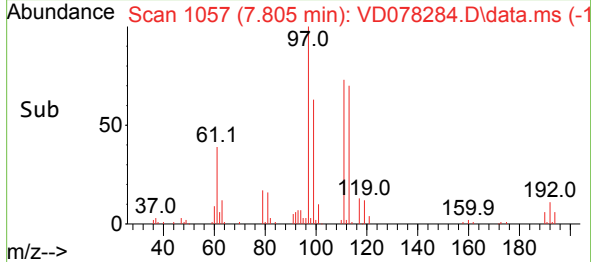
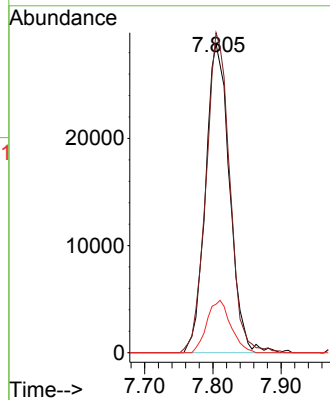
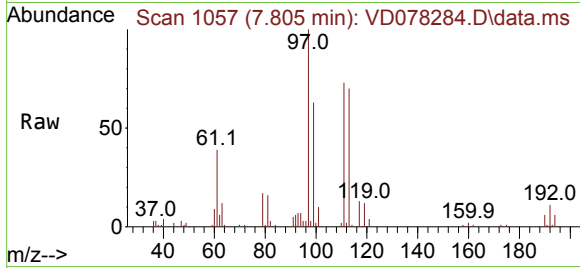




#35
Dibromofluoromethane
Concen: 49.519 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

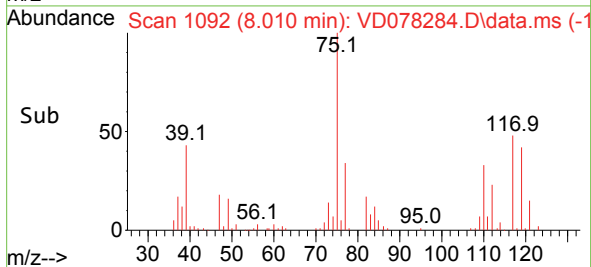
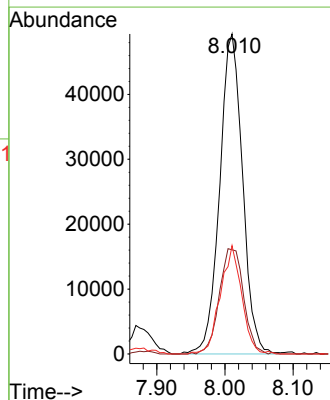
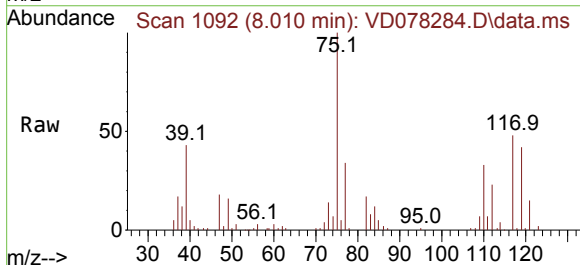
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

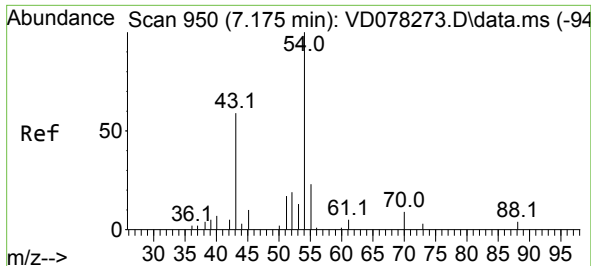
Tgt Ion:113 Resp: 70742
Ion Ratio Lower Upper
113 100
111 102.3 84.7 127.1
192 16.7 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 48.686 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 75 Resp: 115337
Ion Ratio Lower Upper
75 100
110 34.9 19.9 59.6
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 55.719 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

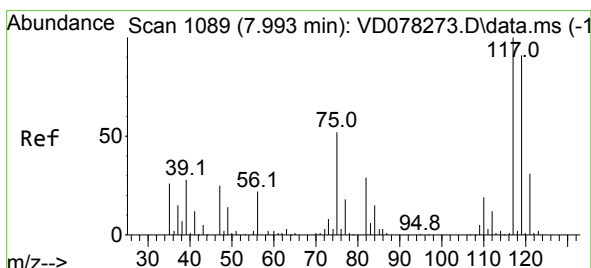
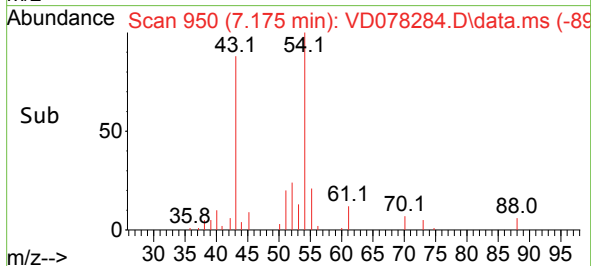
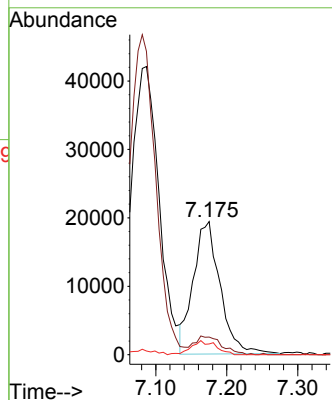
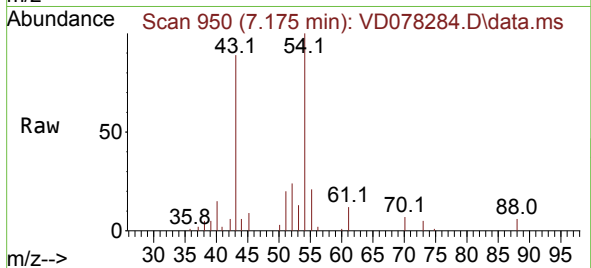
Tgt Ion: 43 Resp: 50803

Ion Ratio Lower Upper

43 100

61 14.0 14.9 22.3#

70 9.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 46.496 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

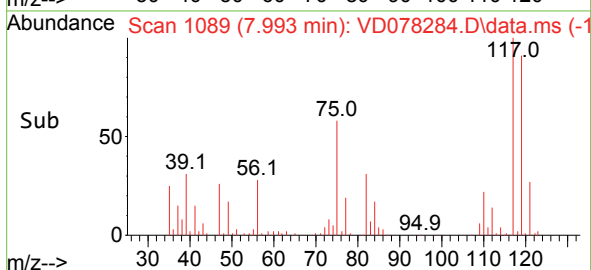
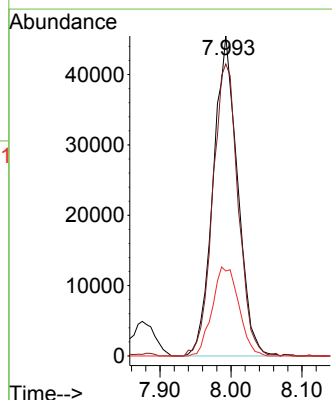
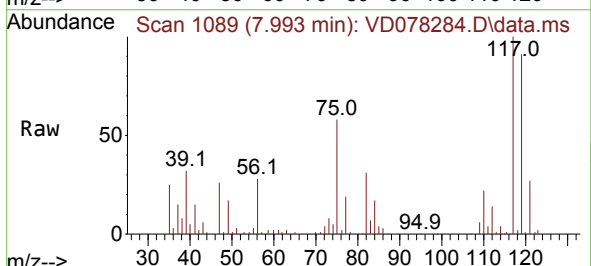
Tgt Ion: 117 Resp: 108304

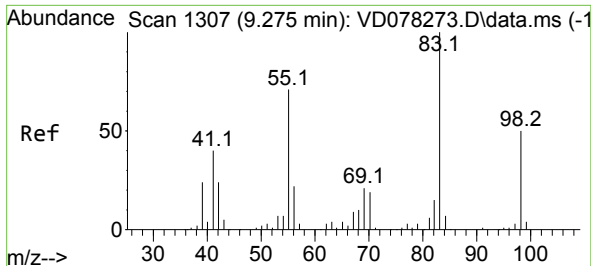
Ion Ratio Lower Upper

117 100

119 91.2 78.0 117.0

121 26.5 24.2 36.2





#39

Methylcyclohexane

Concen: 47.790 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

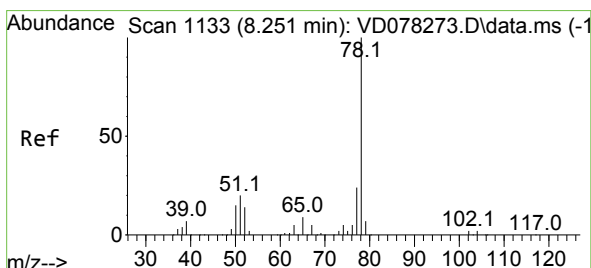
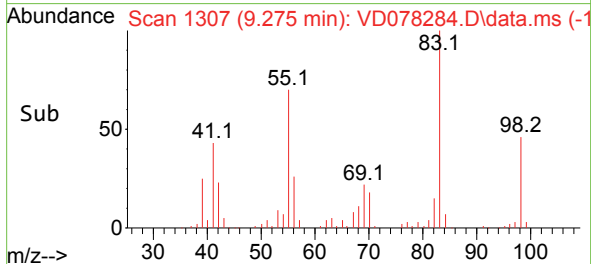
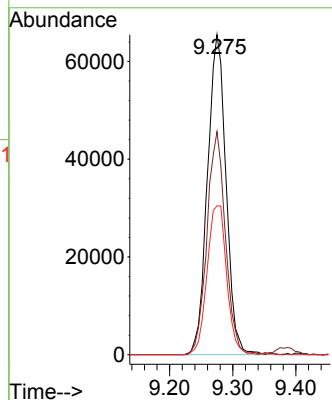
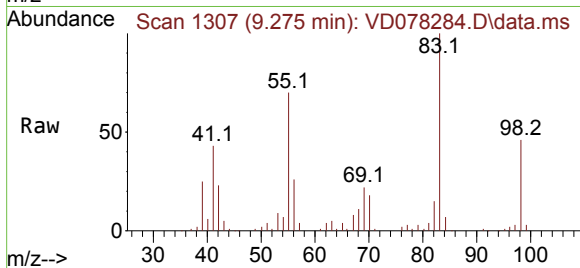
Tgt Ion: 83 Resp: 133854

Ion Ratio Lower Upper

83 100

55 69.7 49.4 74.0

98 46.5 38.4 57.6



#40

Benzene

Concen: 49.372 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078284.D

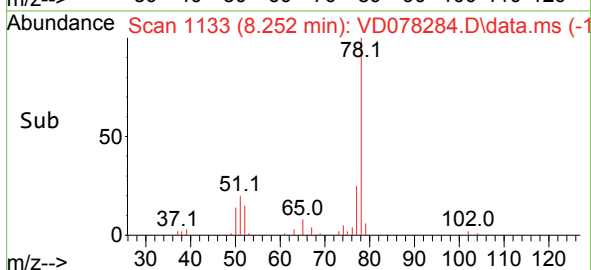
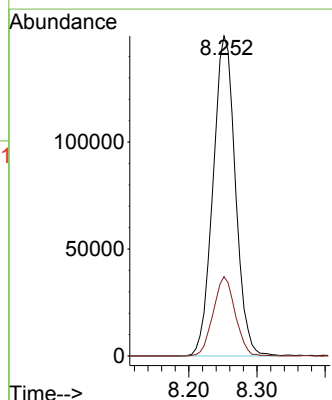
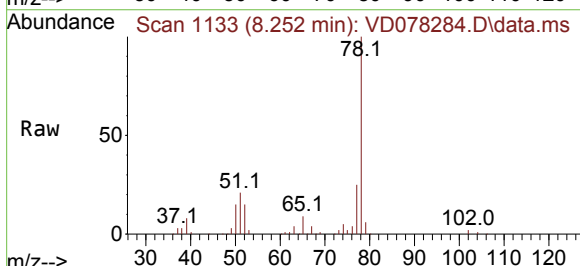
Acq: 30 Jan 2024 17:42

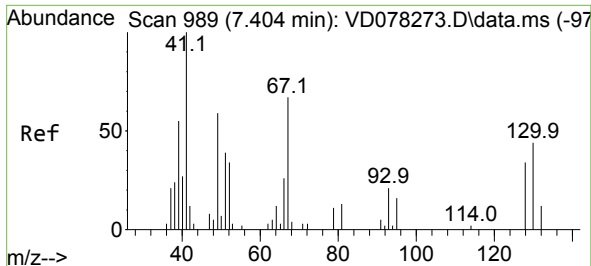
Tgt Ion: 78 Resp: 341266

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

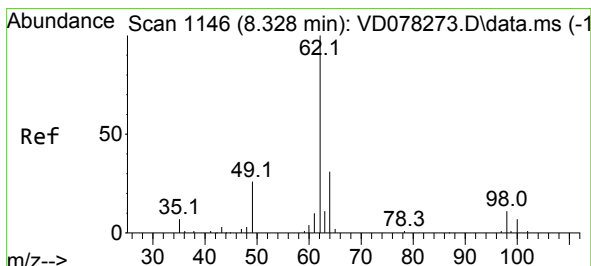
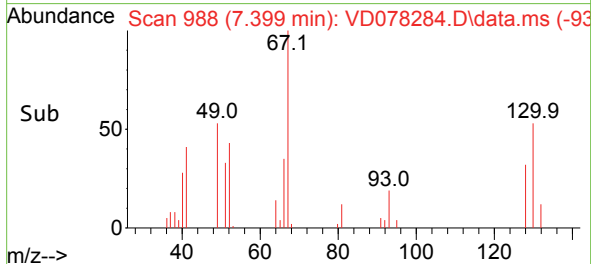
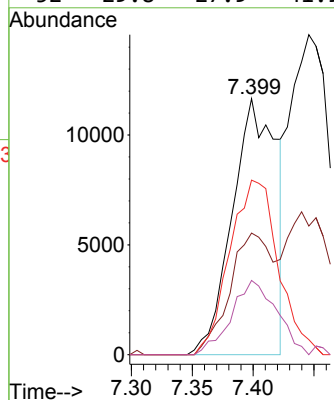
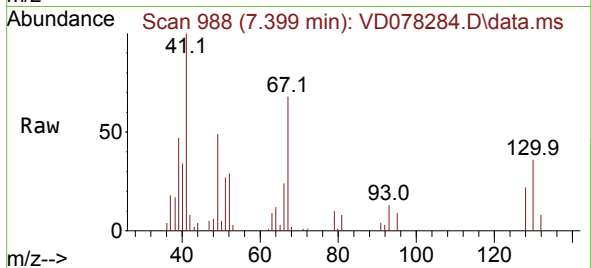




#41
Methacrylonitrile
Concen: 59.879 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

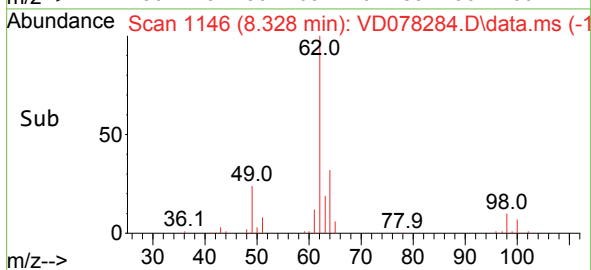
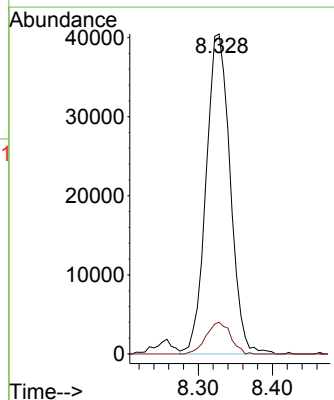
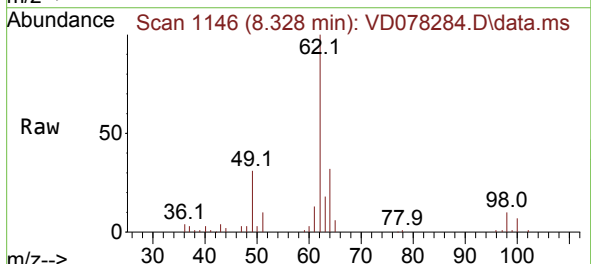
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

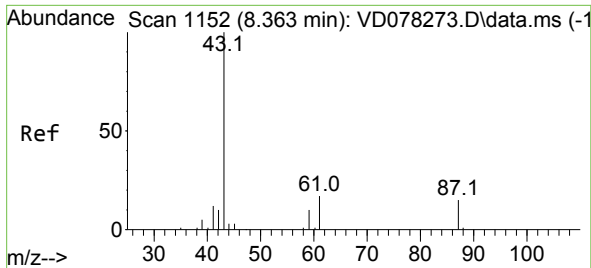
Tgt Ion:	41	Resp:	29352
Ion	Ratio	Lower	Upper
41	100		
39	44.4	34.0	51.0
67	75.2	77.0	115.4#
52	29.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 50.958 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:	62	Resp:	91356
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	25.4

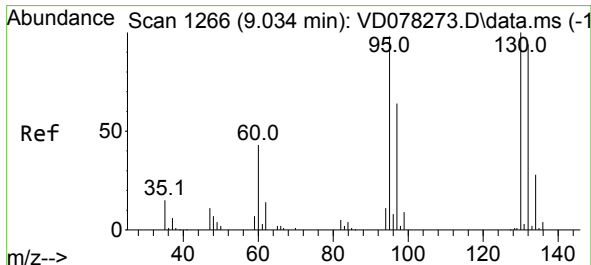
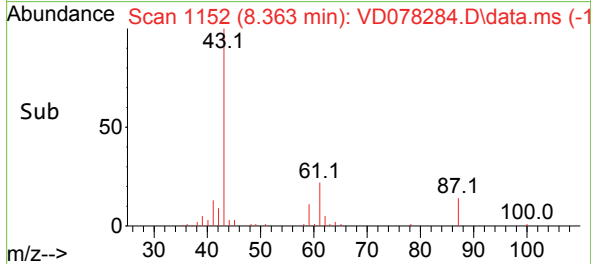
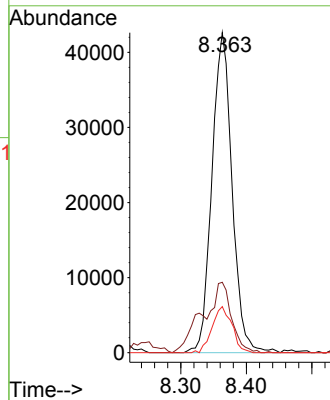
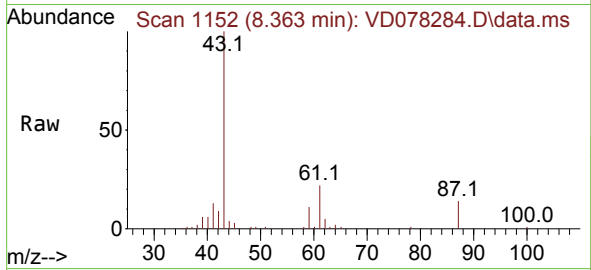




#43
Isopropyl Acetate
Concen: 55.635 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

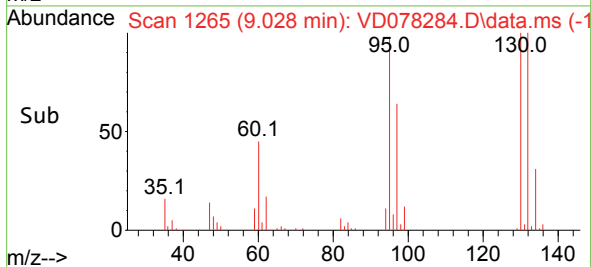
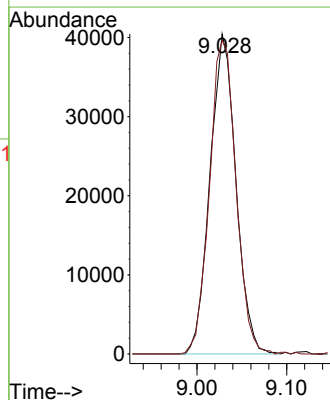
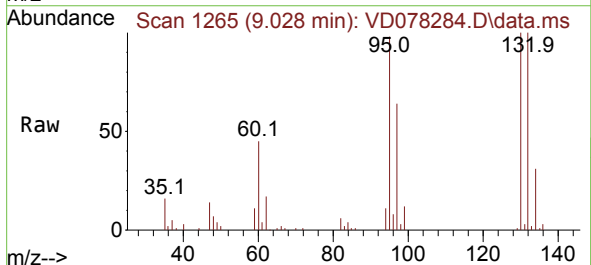
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

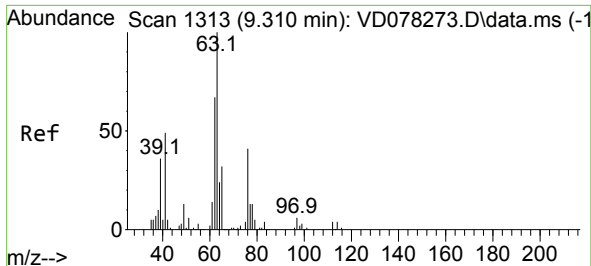
Tgt Ion: 43 Resp: 90951
Ion Ratio Lower Upper
43 100
61 20.3 31.4 47.0#
87 14.2 14.9 22.3#



#44
Trichloroethene
Concen: 47.729 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:130 Resp: 81011
Ion Ratio Lower Upper
130 100
95 98.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.182 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

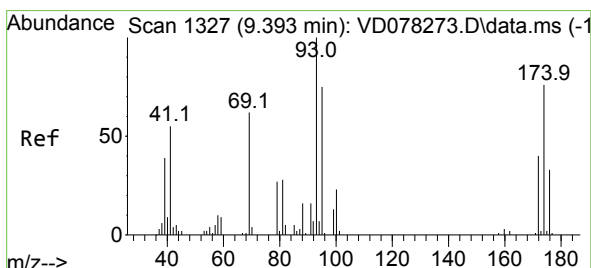
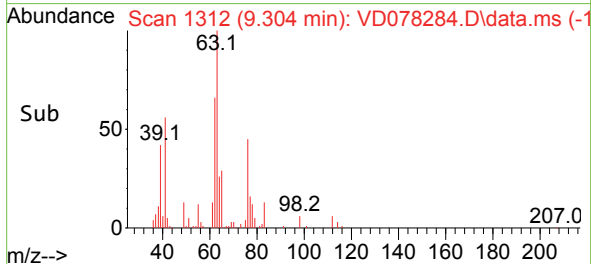
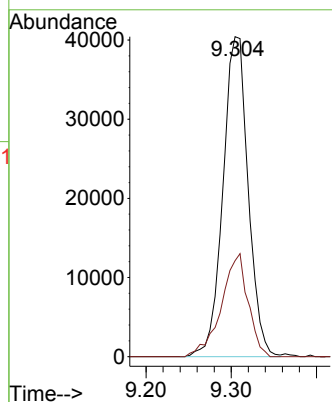
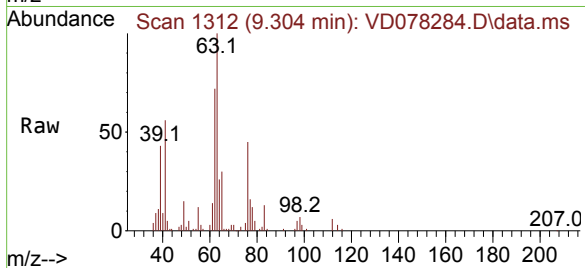
VSTDCCC050EC

Tgt Ion: 63 Resp: 83119

Ion Ratio Lower Upper

63 100

65 30.0 24.5 36.7



#46

Dibromomethane

Concen: 52.153 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

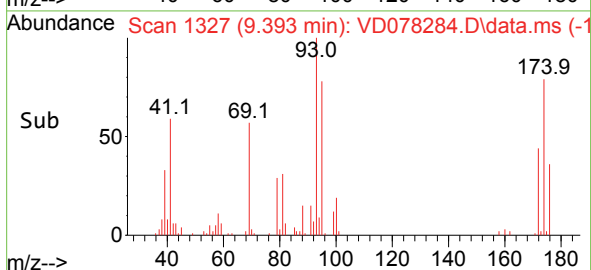
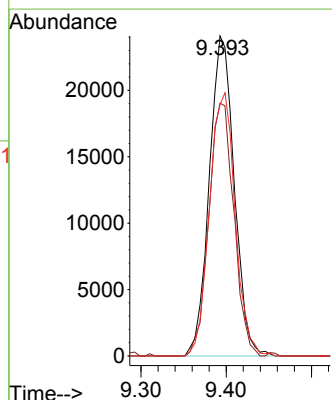
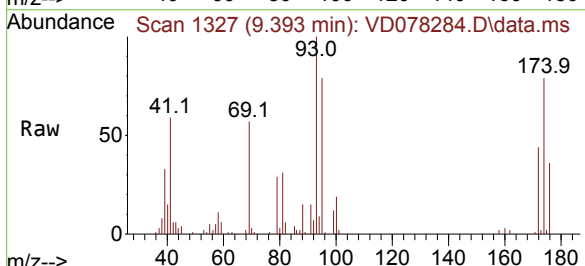
Tgt Ion: 93 Resp: 48903

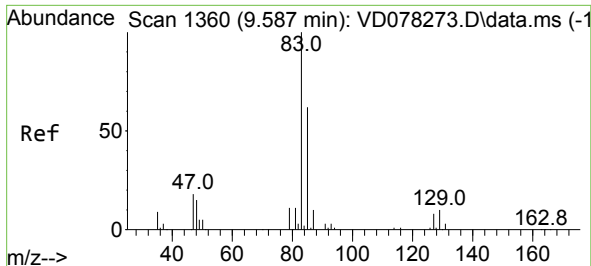
Ion Ratio Lower Upper

93 100

95 79.5 67.7 101.5

174 84.8 85.4 128.2#





#47

Bromodichloromethane

Concen: 50.654 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

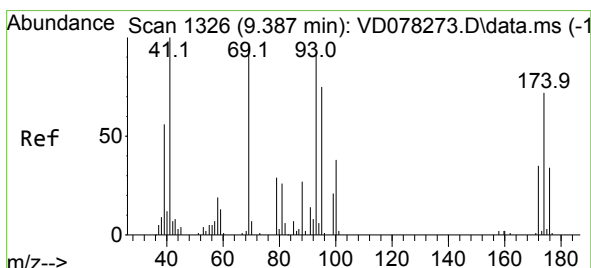
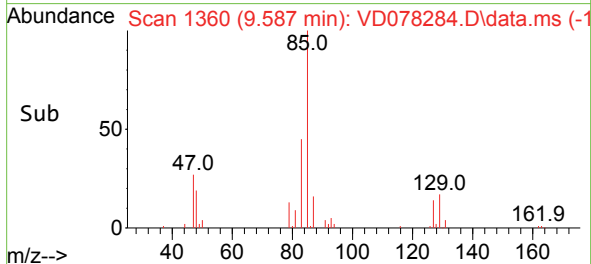
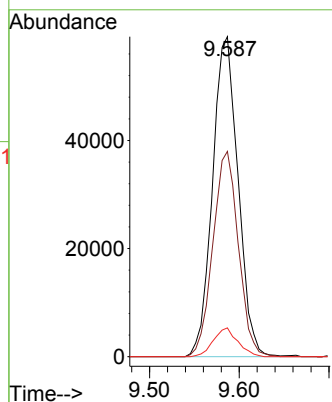
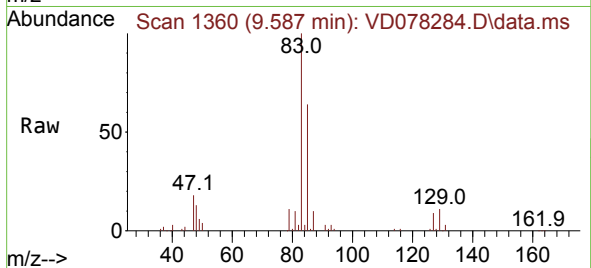
Tgt Ion: 83 Resp: 116860

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.4

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 53.205 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

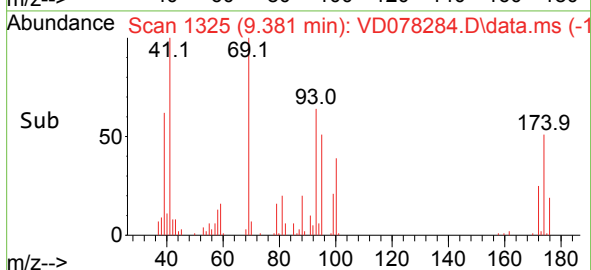
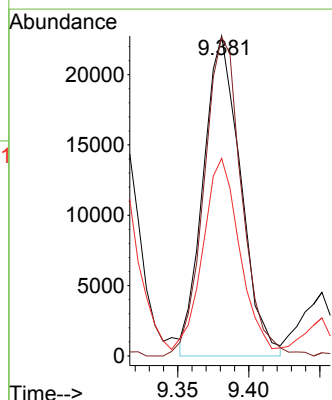
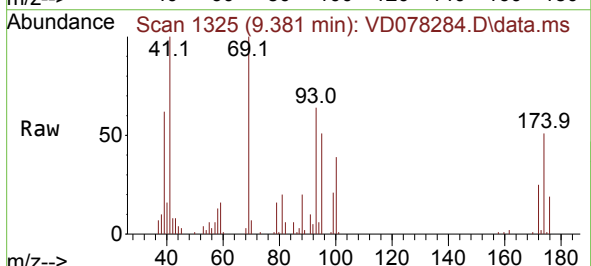
Tgt Ion: 41 Resp: 41563

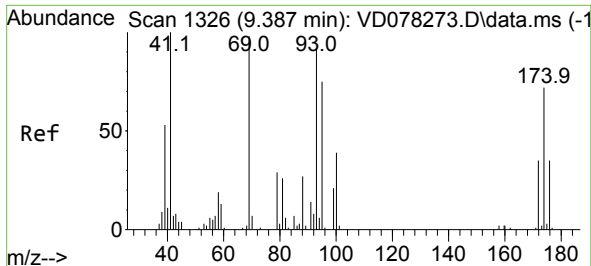
Ion Ratio Lower Upper

41 100

69 100.6 102.2 153.2#

39 58.6 41.4 62.2





#49

1,4-Dioxane

Concen: 1068.865 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

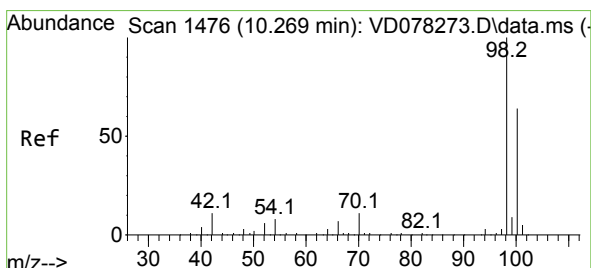
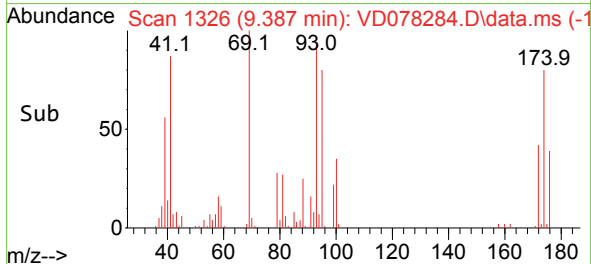
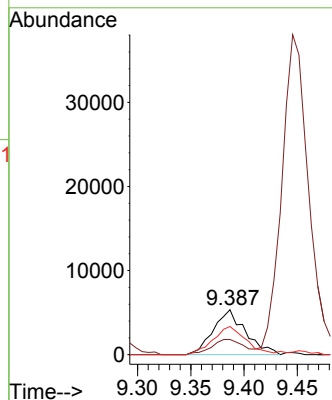
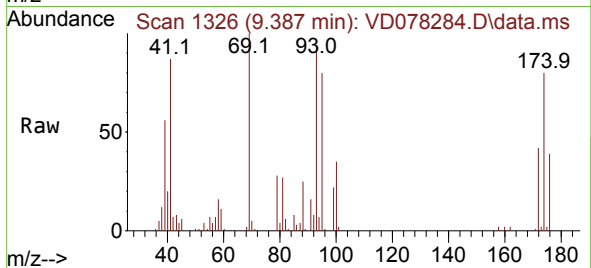
Tgt Ion: 88 Resp: 11243

Ion Ratio Lower Upper

88 100

43 34.4 19.0 28.6#

58 63.6 43.5 65.3



#50

Toluene-d8

Concen: 50.010 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078284.D

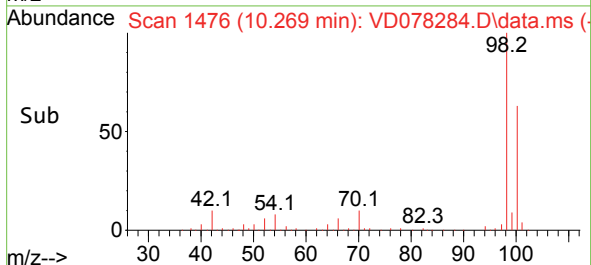
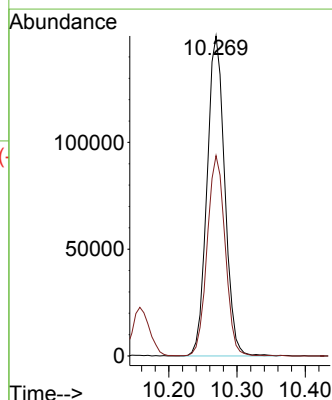
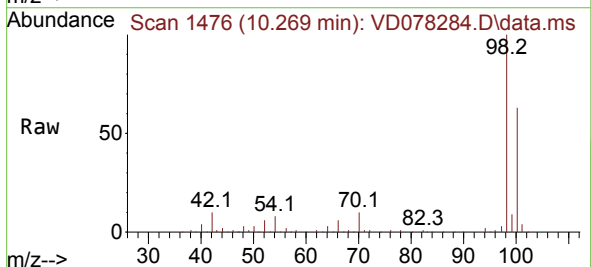
Acq: 30 Jan 2024 17:42

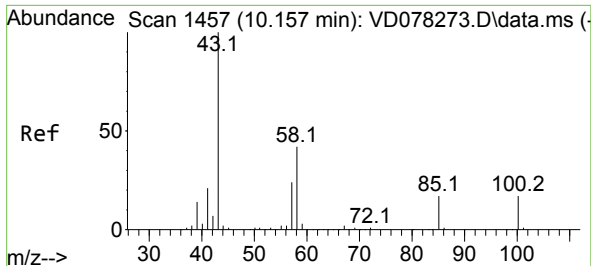
Tgt Ion: 98 Resp: 270491

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5

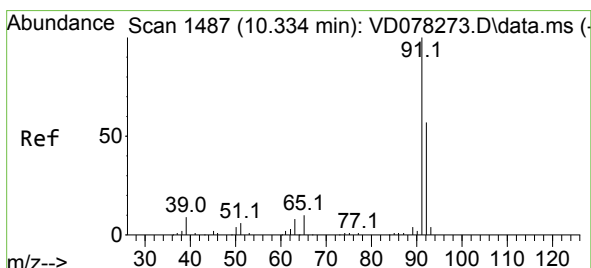
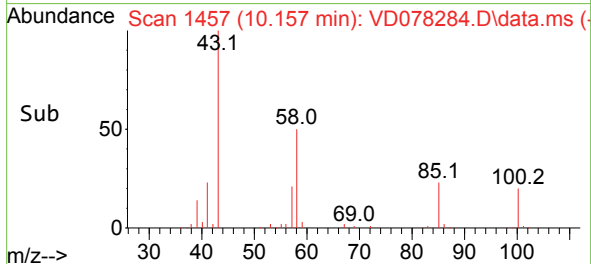
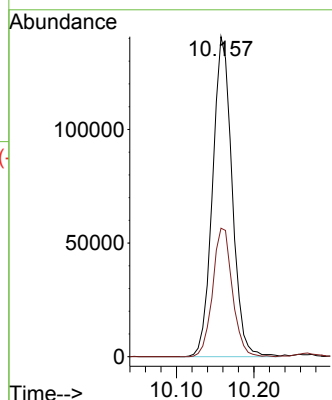
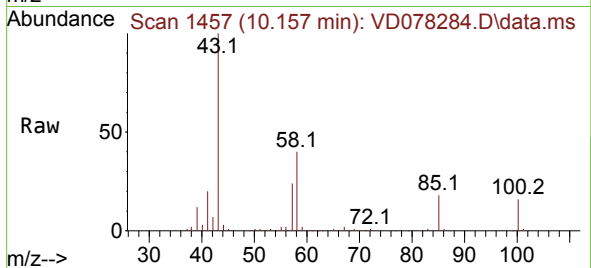




#51
4-Methyl-2-Pentanone
Concen: 278.589 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

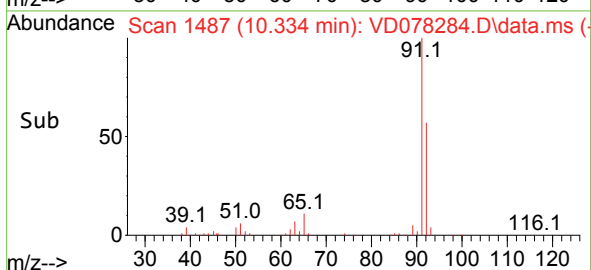
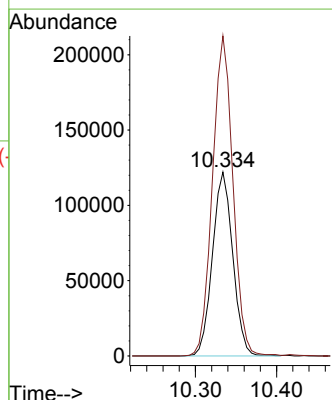
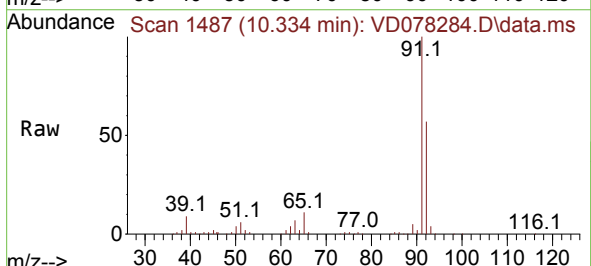
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

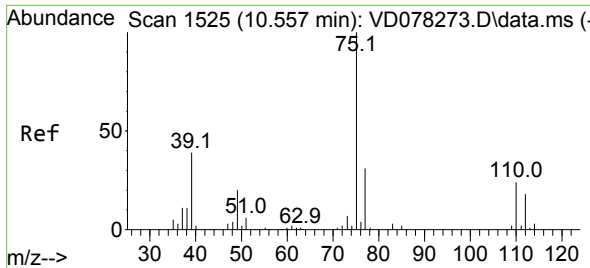
Tgt Ion: 43 Resp: 246374
Ion Ratio Lower Upper
43 100
58 40.5 38.9 58.3



#52
Toluene
Concen: 50.664 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 92 Resp: 212416
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4

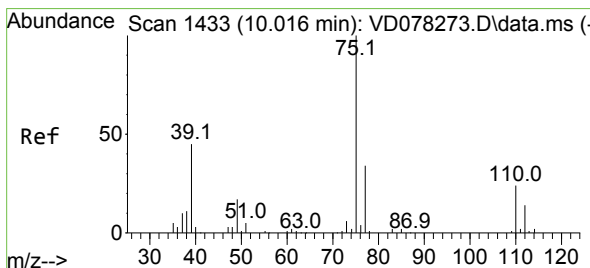
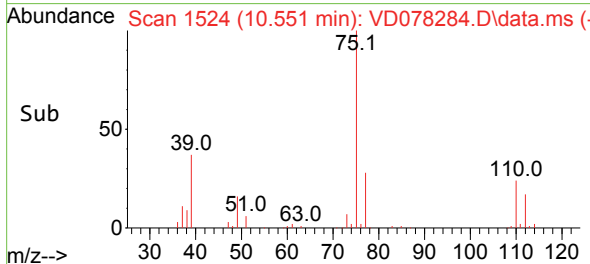
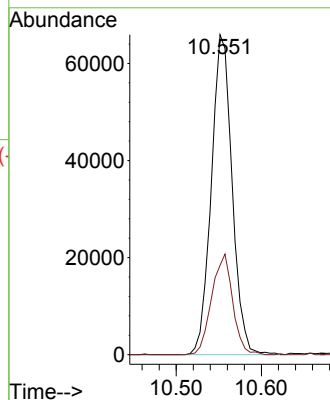
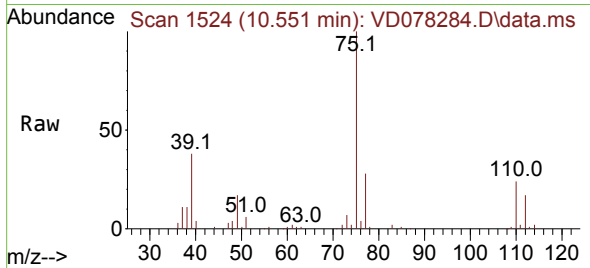




#53
t-1,3-Dichloropropene
Concen: 51.917 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

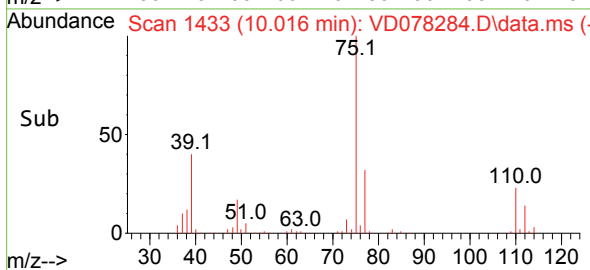
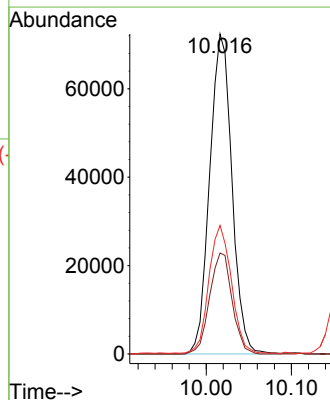
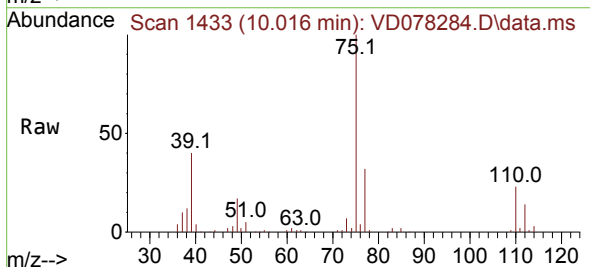
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

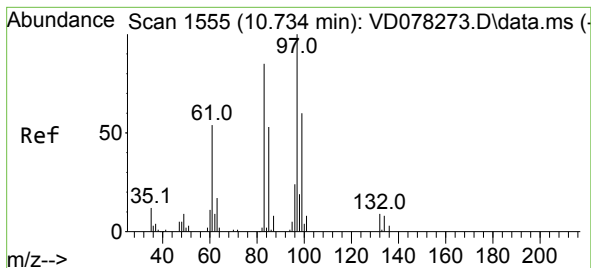
Tgt Ion: 75 Resp: 111876
Ion Ratio Lower Upper
75 100
77 27.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.457 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 75 Resp: 131272
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 40.2 22.1 33.1#

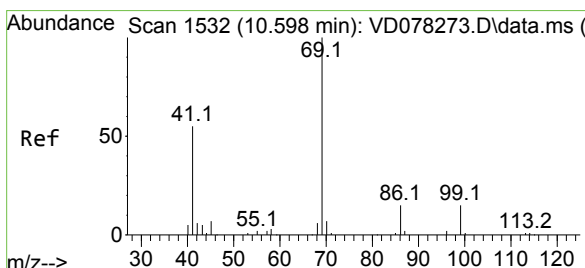
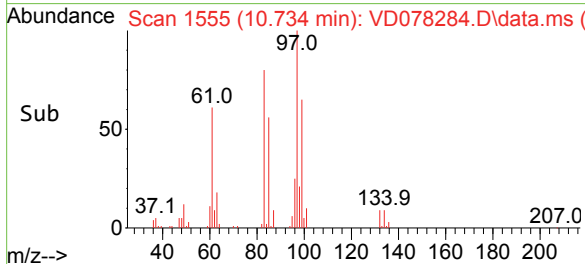
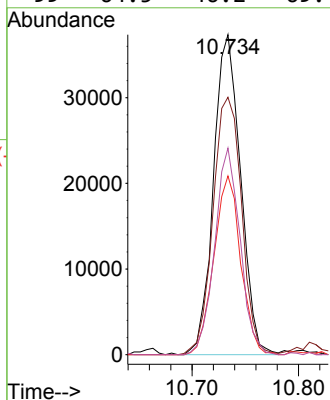
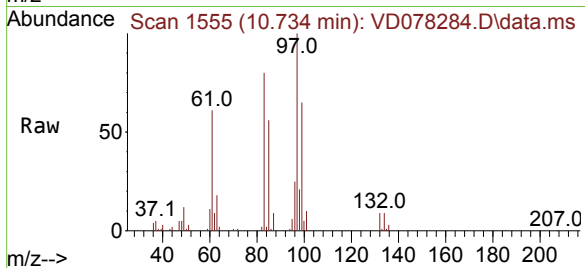




#55
 1,1,2-Trichloroethane
 Concen: 53.836 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078284.D
 Acq: 30 Jan 2024 17:42

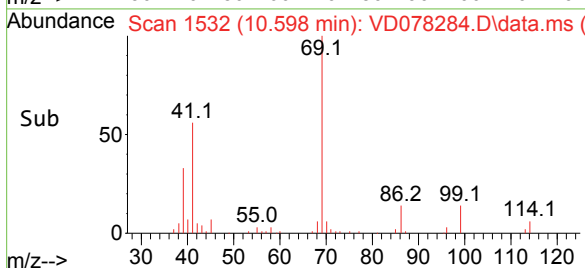
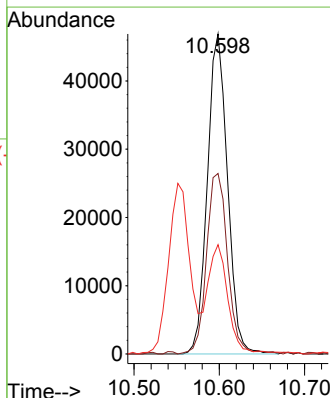
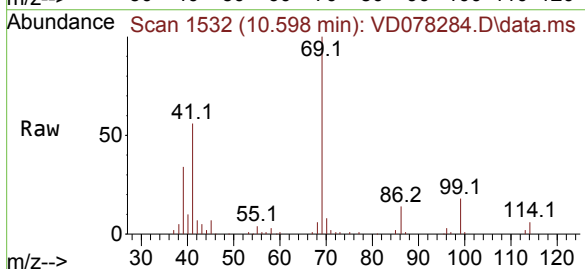
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

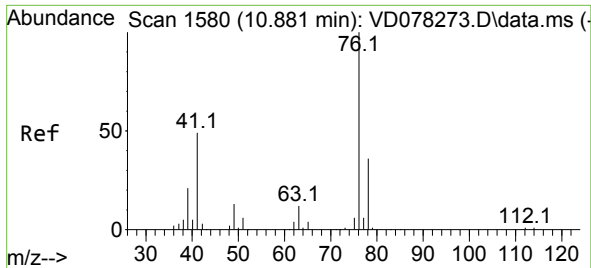
Tgt Ion:	97	Resp:	65876
Ion	Ratio	Lower	Upper
97	100		
83	80.5	65.8	98.6
85	55.8	45.7	68.5
99	64.5	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 55.556 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078284.D
 Acq: 30 Jan 2024 17:42

Tgt Ion:	69	Resp:	77108
Ion	Ratio	Lower	Upper
69	100		
41	59.1	39.1	58.7#
39	35.7	20.0	30.0#

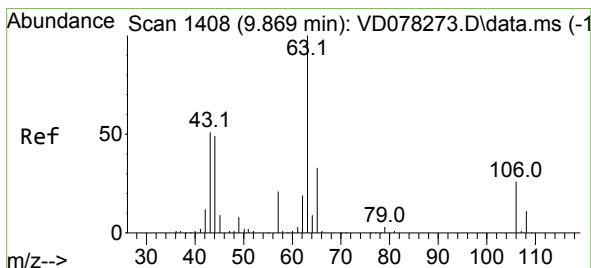
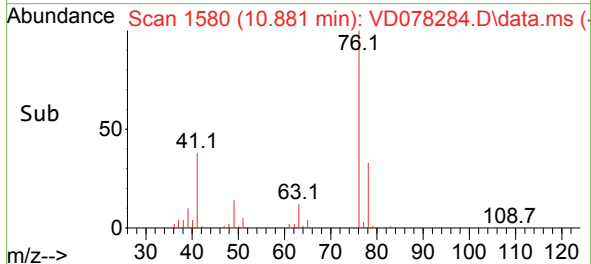
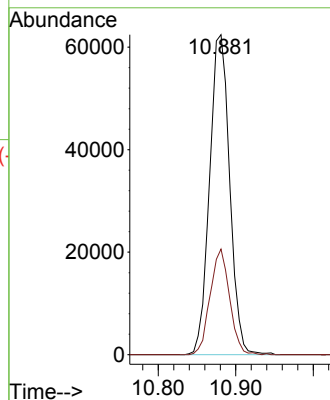
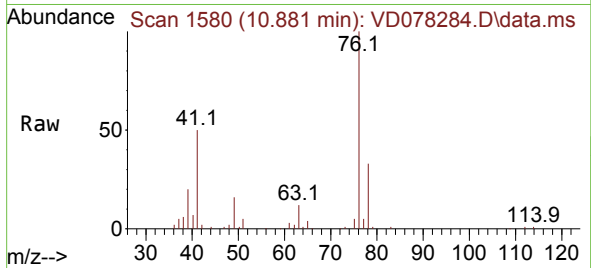




#57
1,3-Dichloropropane
Concen: 53.308 ug/l
RT: 10.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

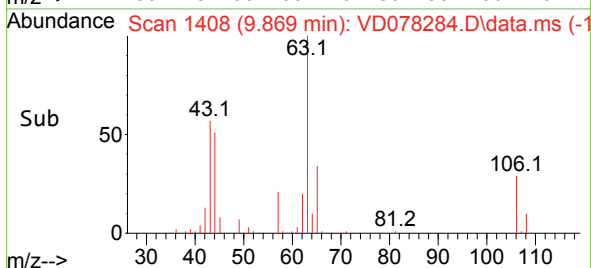
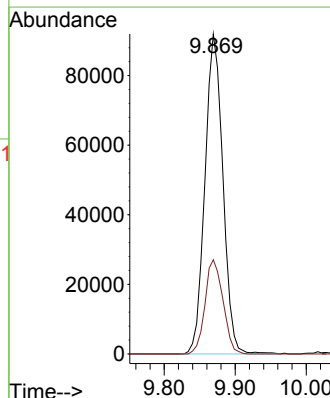
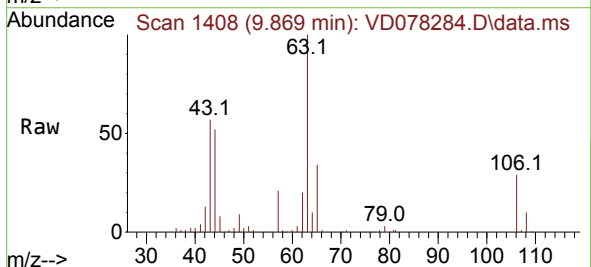
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

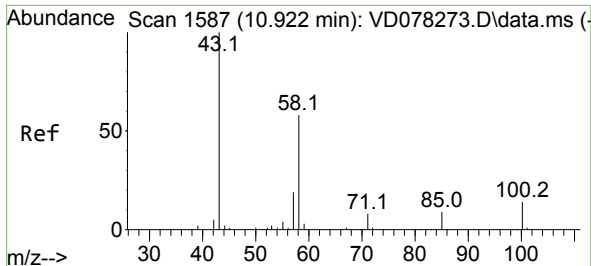
Tgt Ion: 76 Resp: 112474
Ion Ratio Lower Upper
76 100
78 31.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 256.482 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 63 Resp: 161884
Ion Ratio Lower Upper
63 100
106 29.4 25.3 37.9

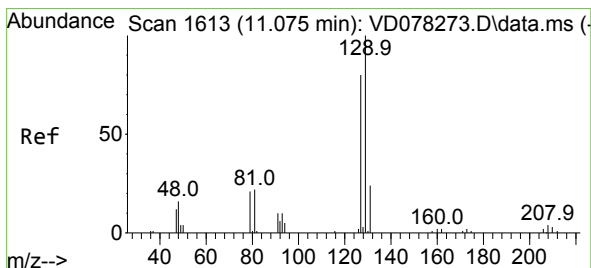
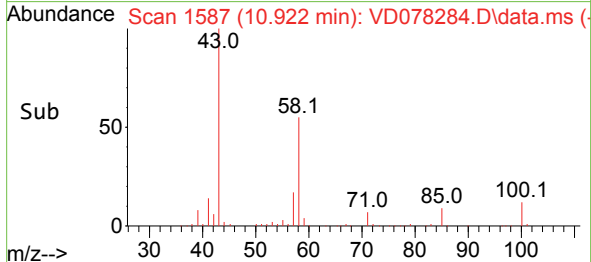
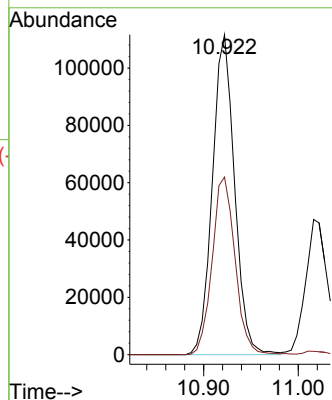
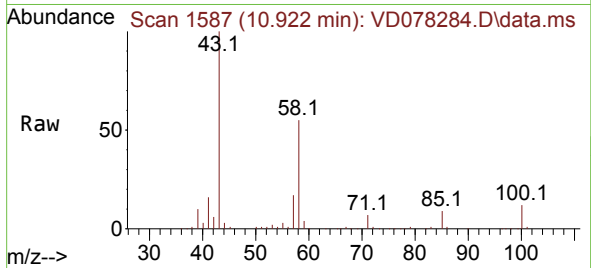




#59
2-Hexanone
Concen: 272.513 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

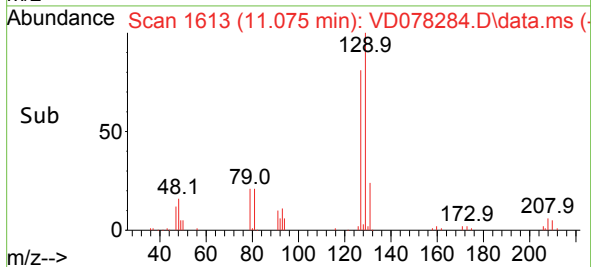
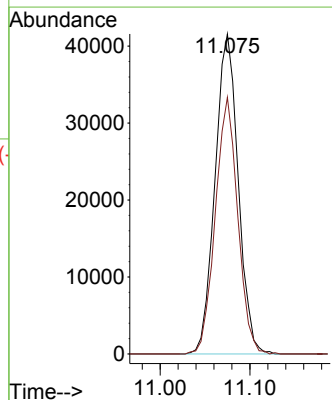
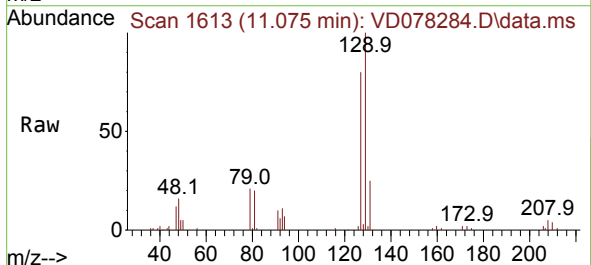
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

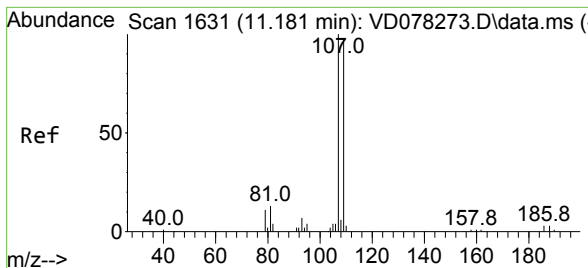
Tgt Ion: 43 Resp: 181505
Ion Ratio Lower Upper
43 100
58 57.4 34.1 102.2



#60
Dibromochloromethane
Concen: 52.415 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 129 Resp: 74452
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5

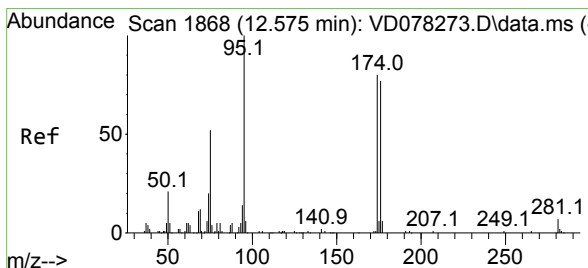
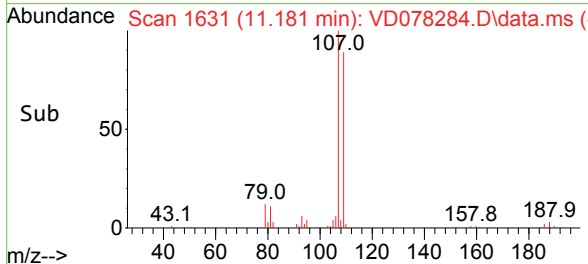
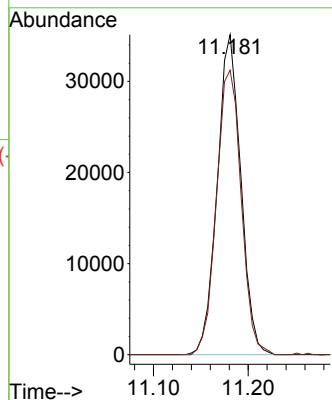
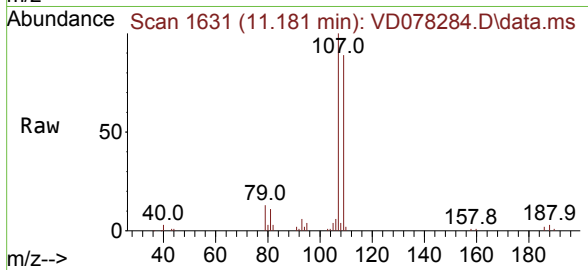




#61
1,2-Dibromoethane
Concen: 52.608 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

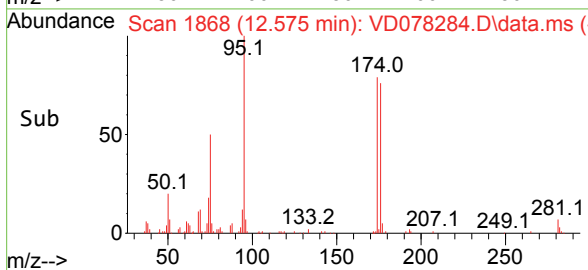
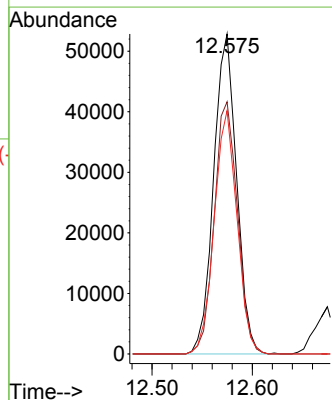
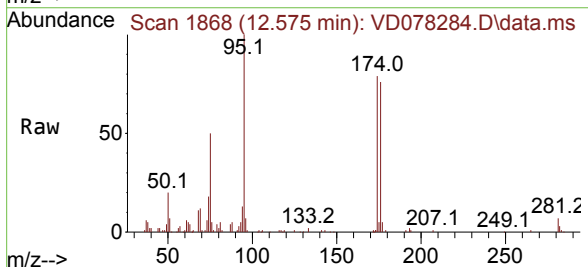
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

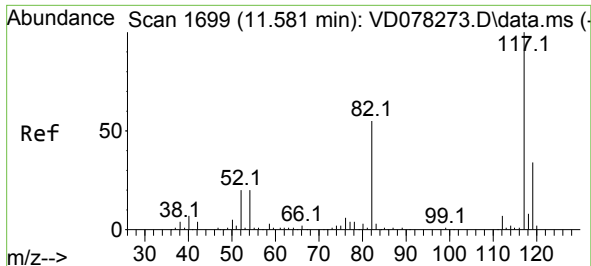
Tgt Ion:107 Resp: 60777
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.769 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 95 Resp: 83853
Ion Ratio Lower Upper
95 100
174 80.0 0.0 201.8
176 75.7 0.0 191.8

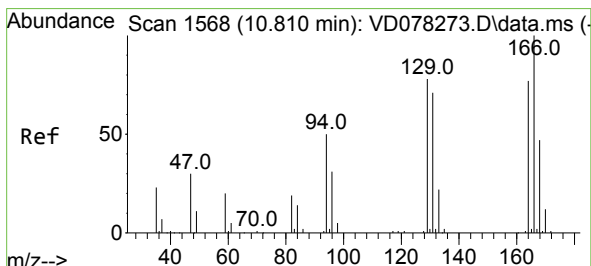
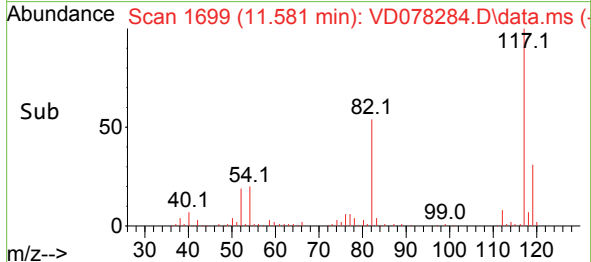
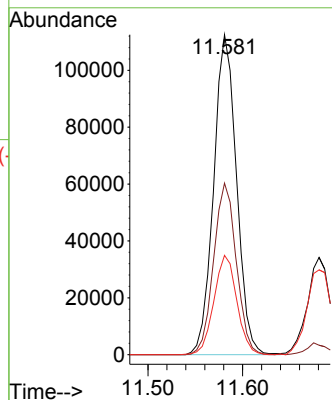
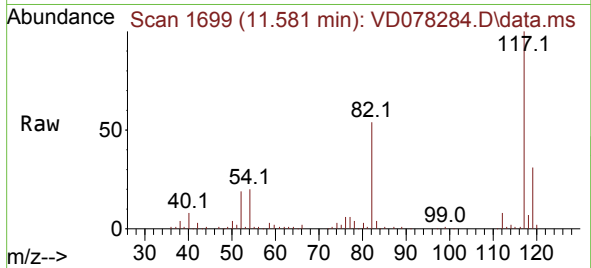




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

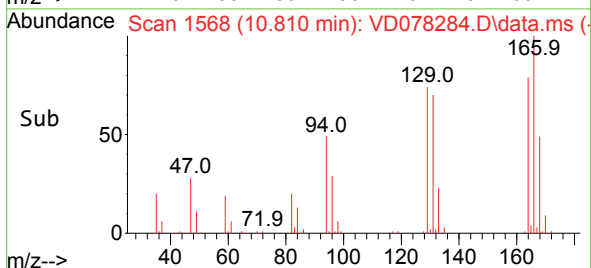
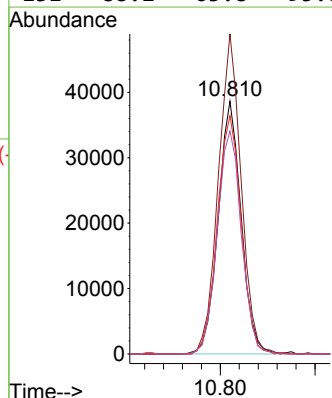
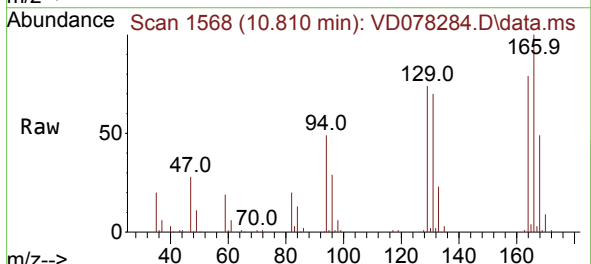
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

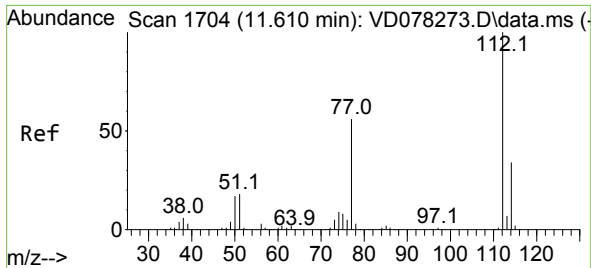
Tgt Ion:117 Resp: 188954
Ion Ratio Lower Upper
117 100
82 53.6 38.3 57.5
119 31.1 25.0 37.4



#64
Tetrachloroethene
Concen: 49.436 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:164 Resp: 65151
Ion Ratio Lower Upper
164 100
166 126.7 99.2 148.8
129 94.3 68.4 102.6
131 88.2 63.8 95.8

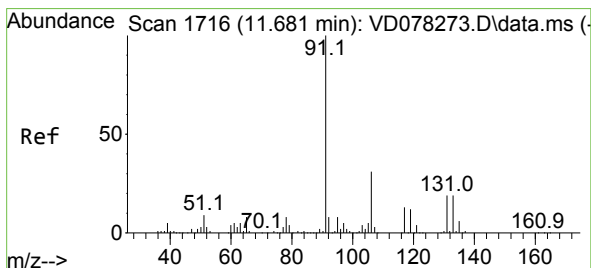
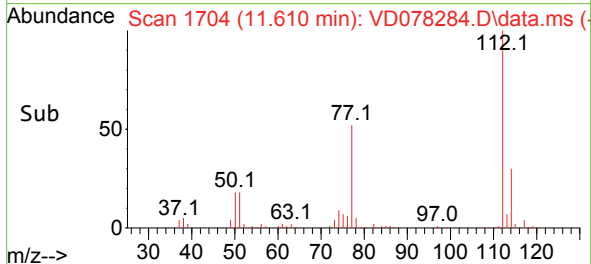
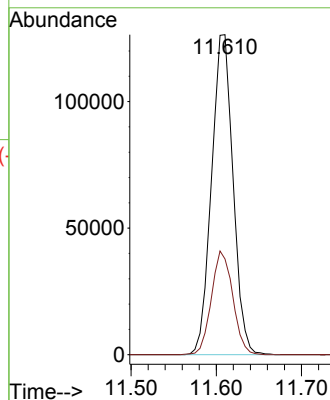
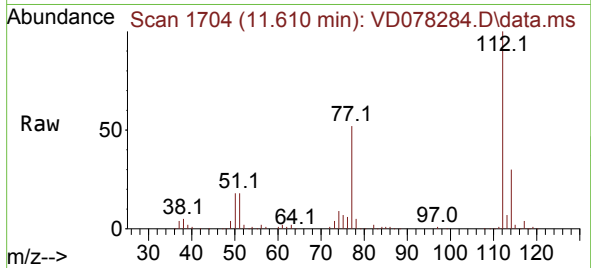




#65
Chlorobenzene
Concen: 49.067 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

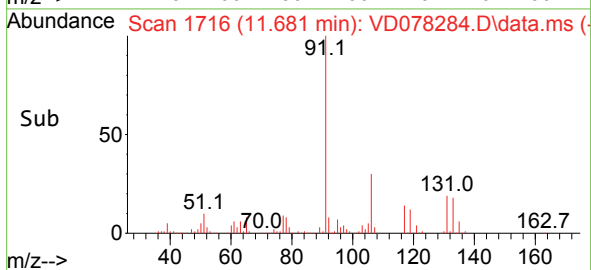
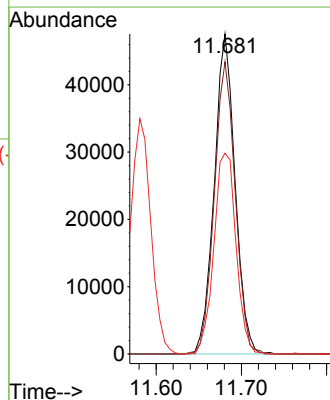
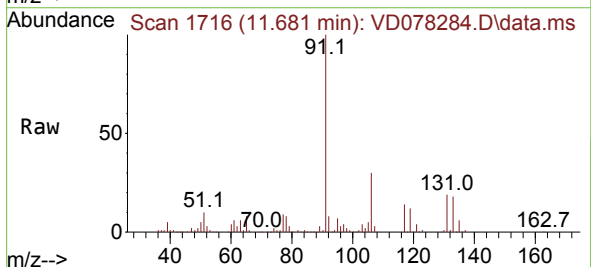
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

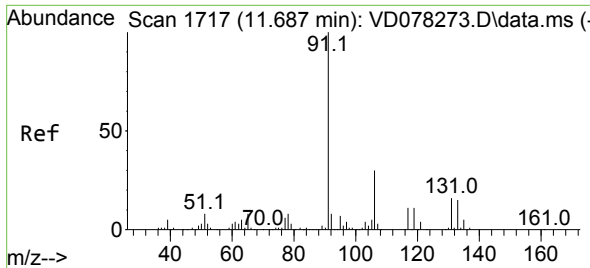
Tgt Ion:112 Resp: 221811
Ion Ratio Lower Upper
112 100
114 29.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.213 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:131 Resp: 80819
Ion Ratio Lower Upper
131 100
133 91.4 48.5 145.5
119 66.8 35.6 106.9

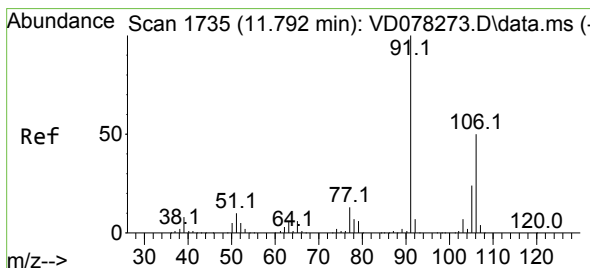
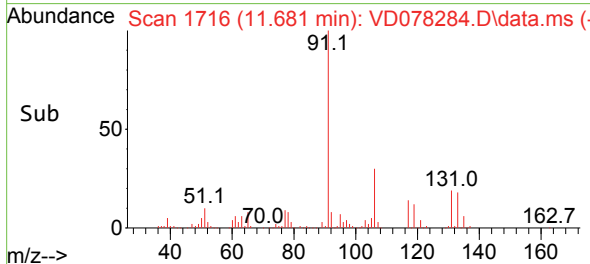
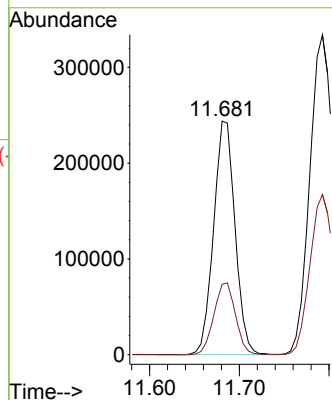
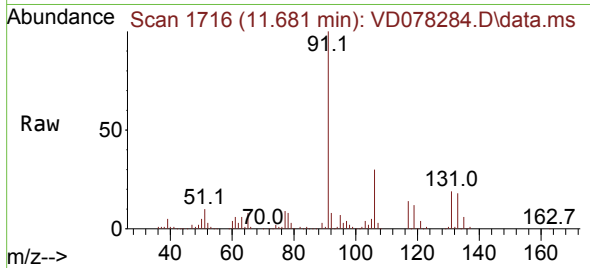




#67
Ethyl Benzene
Concen: 49.391 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

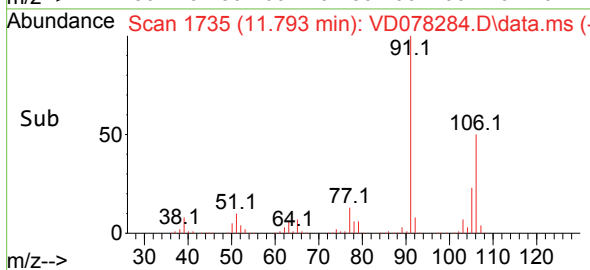
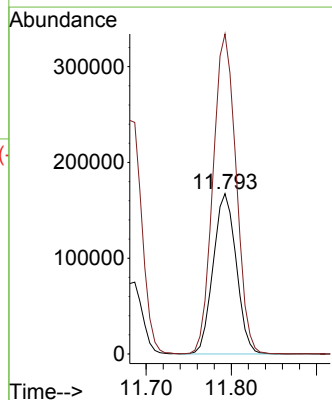
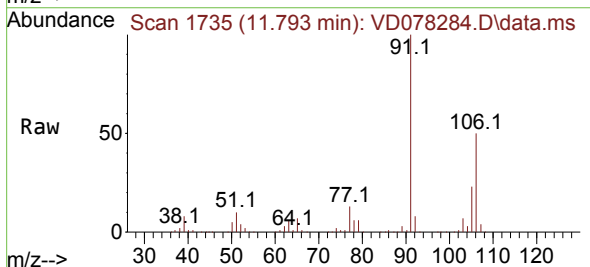
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

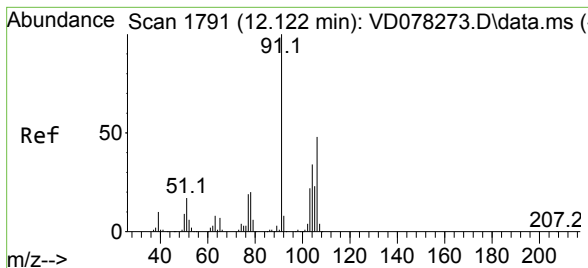
Tgt Ion: 91 Resp: 404446
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7



#68
m/p-Xylenes
Concen: 100.073 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:106 Resp: 315266
Ion Ratio Lower Upper
106 100
91 200.2 147.0 220.6

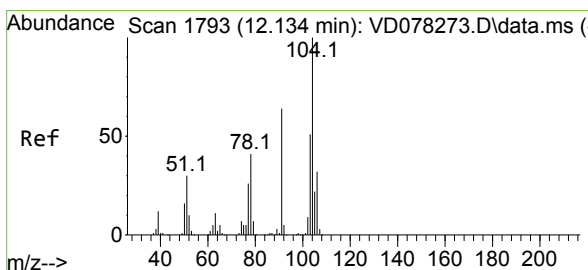
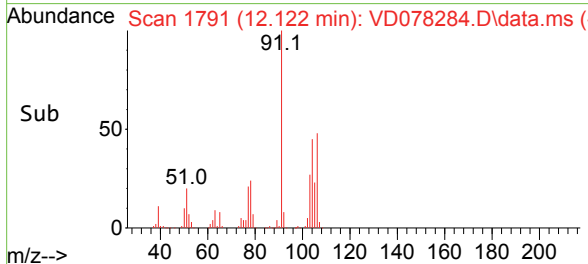
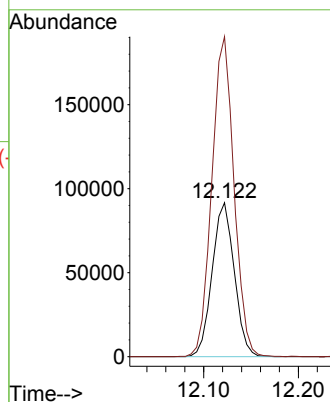
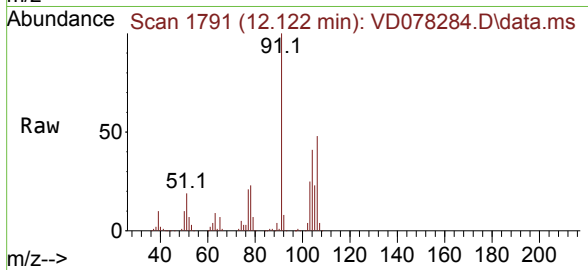




#69
o-Xylene
Concen: 51.298 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

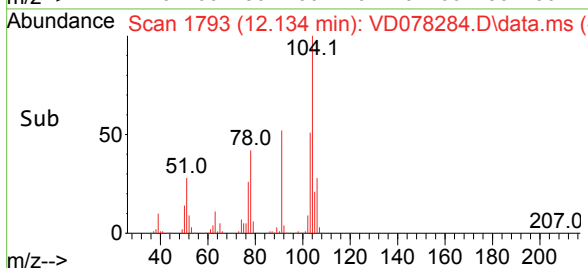
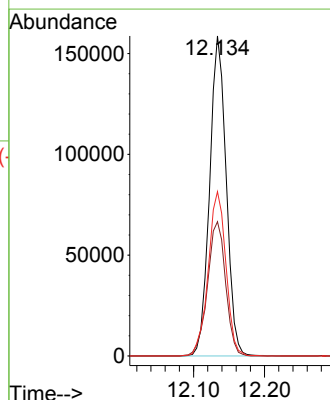
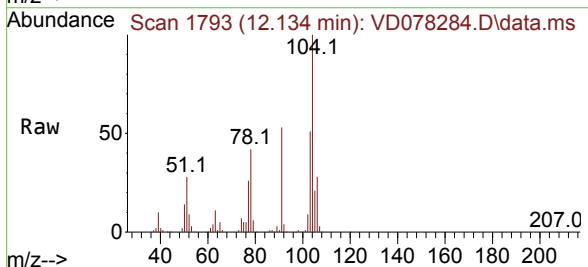
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

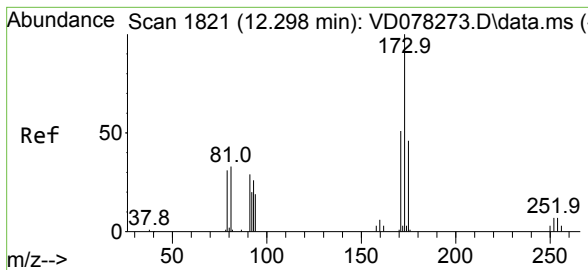
Tgt Ion:106 Resp: 148516
Ion Ratio Lower Upper
106 100
91 208.1 97.9 293.6



#70
Styrene
Concen: 52.094 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:104 Resp: 257568
Ion Ratio Lower Upper
104 100
78 45.9 33.2 49.8
103 54.9 43.6 65.4

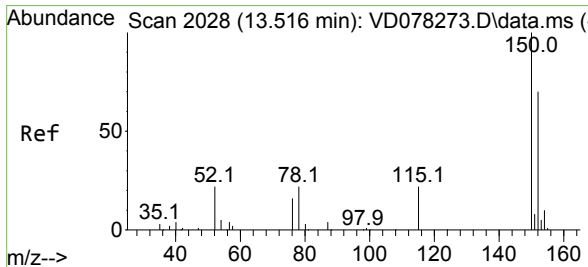
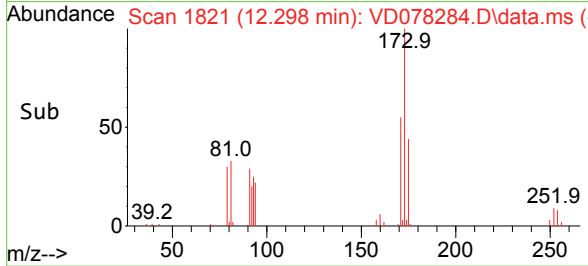
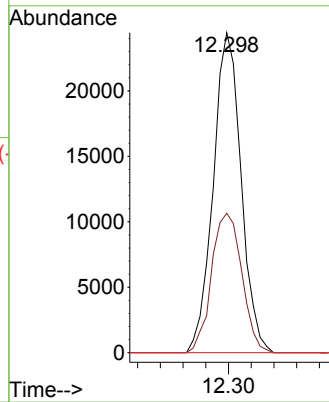
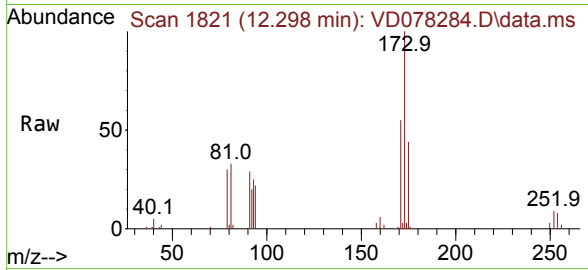




#71
Bromoform
Concen: 52.558 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

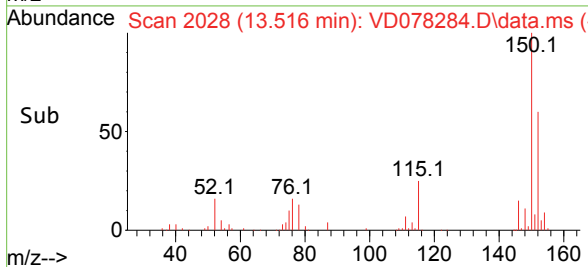
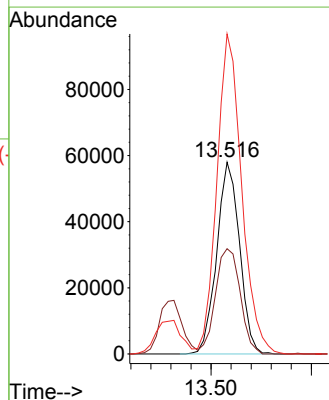
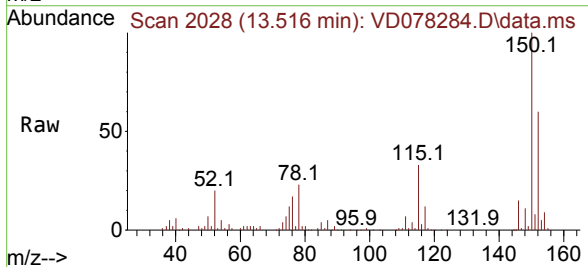
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

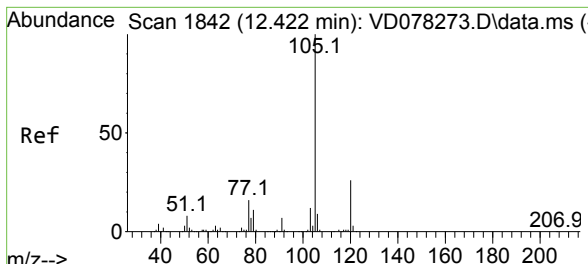
Tgt Ion:	173	Resp:	41663
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:	152	Resp:	91637
Ion Ratio	Lower	Upper	
152	100		
115	59.4	27.1	81.3
150	181.9	0.0	353.6

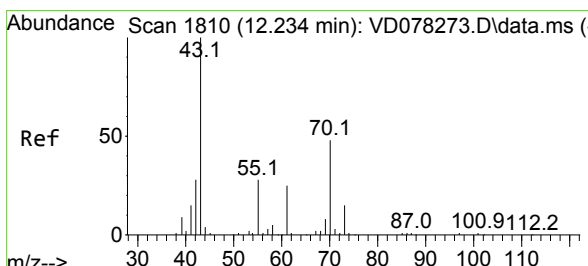
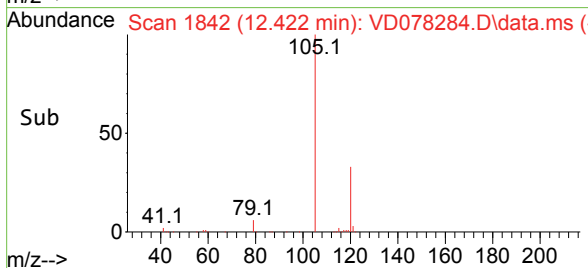
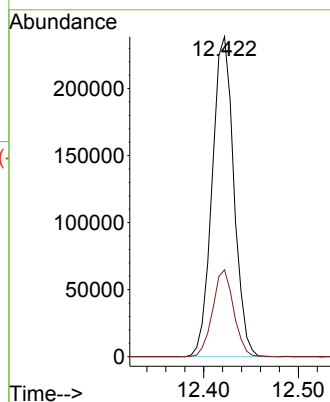
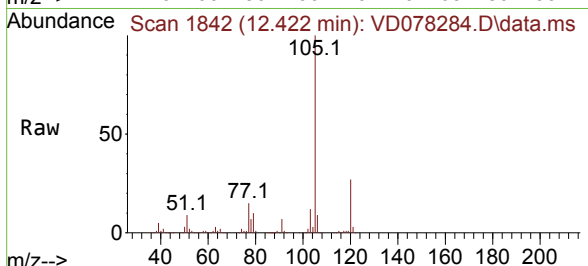




#73
Isopropylbenzene
Concen: 48.883 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

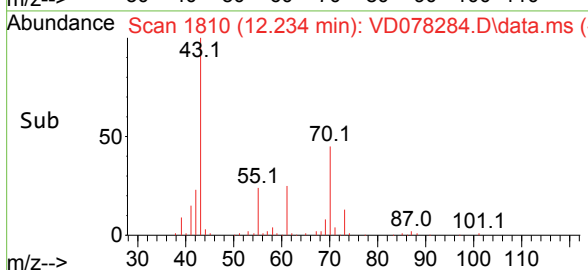
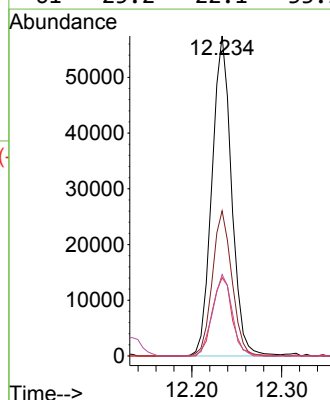
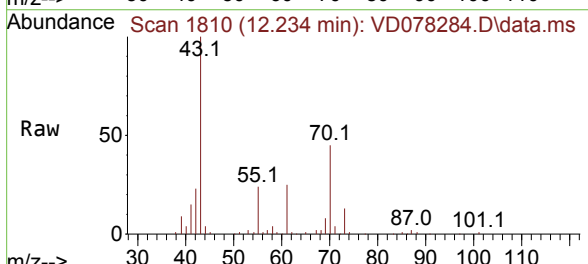
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

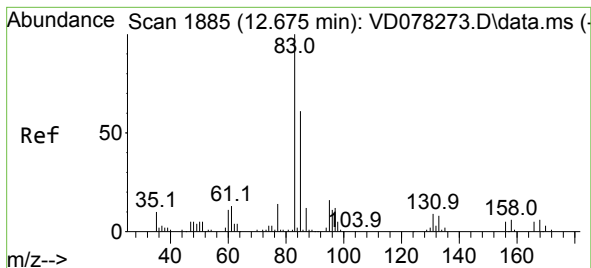
Tgt Ion:105 Resp: 379005
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 54.358 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 43 Resp: 87165
Ion Ratio Lower Upper
43 100
70 45.0 45.0 67.4
55 25.0 23.8 35.6
61 25.2 22.1 33.1

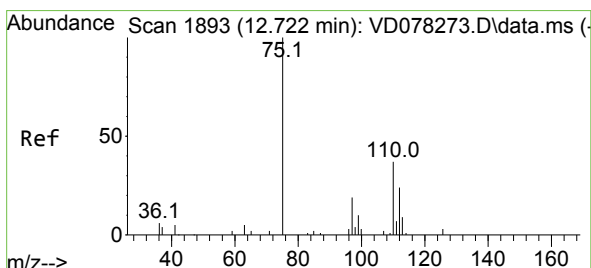
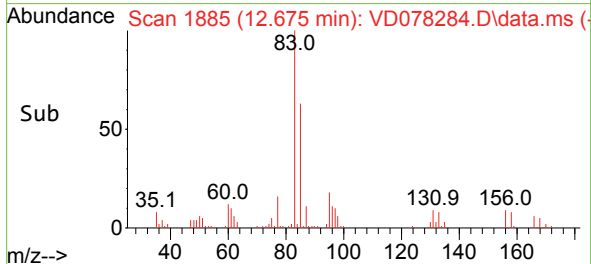
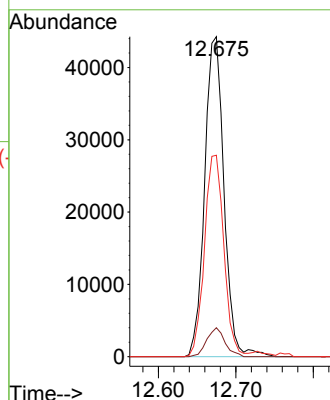
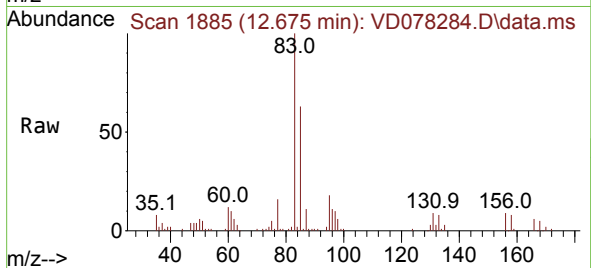




#75
1,1,2,2-Tetrachloroethane
Concen: 51.188 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

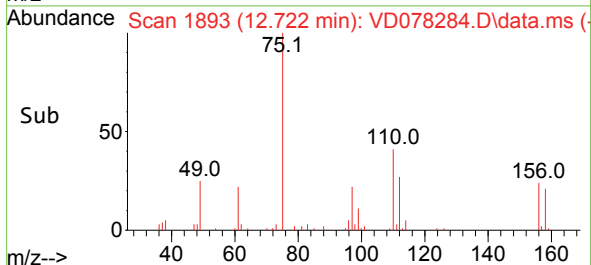
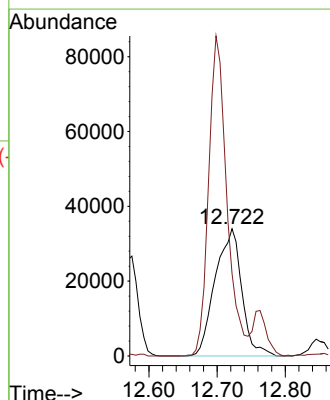
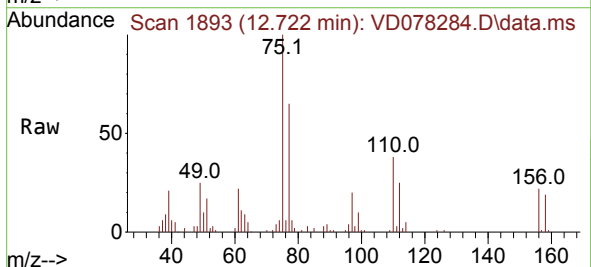
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

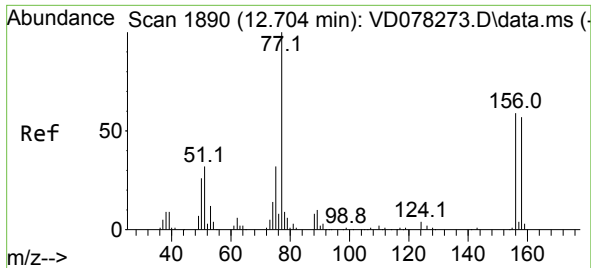
Tgt Ion: 83 Resp: 76643
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.3
85 63.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 96.299 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 75 Resp: 92233
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

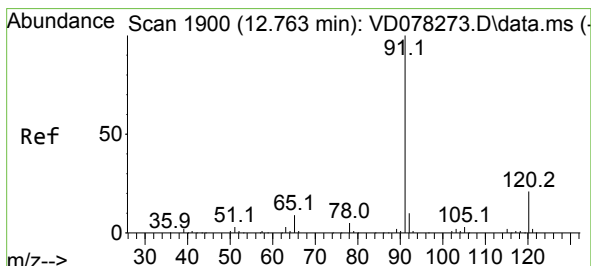
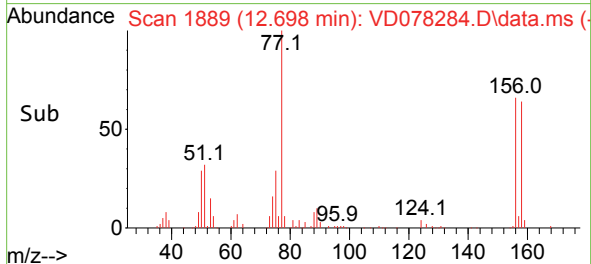
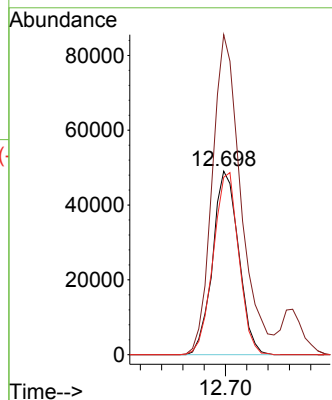
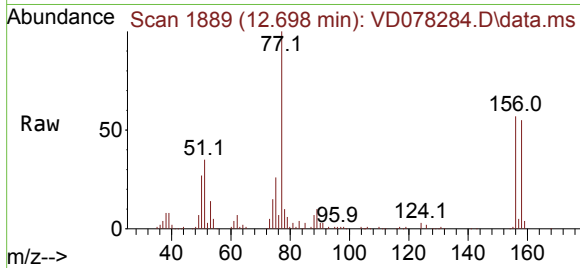




#77
Bromobenzene
Concen: 48.728 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

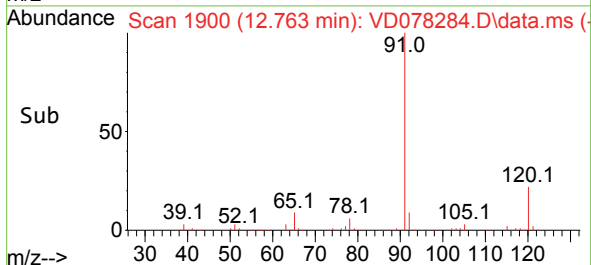
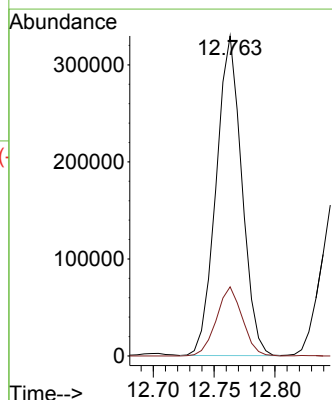
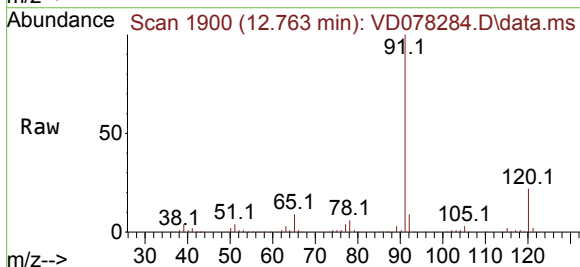
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

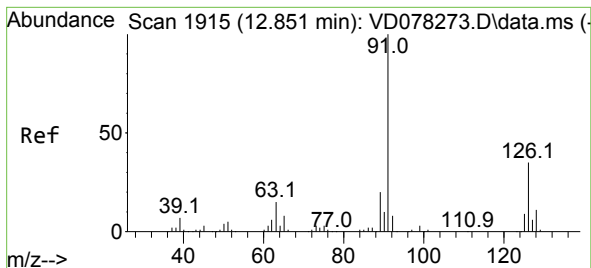
Tgt Ion:156 Resp: 83139
Ion Ratio Lower Upper
156 100
77 192.5 76.8 230.4
158 97.6 48.6 145.9



#78
n-propylbenzene
Concen: 50.069 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 91 Resp: 483579
Ion Ratio Lower Upper
91 100
120 21.8 12.4 37.2

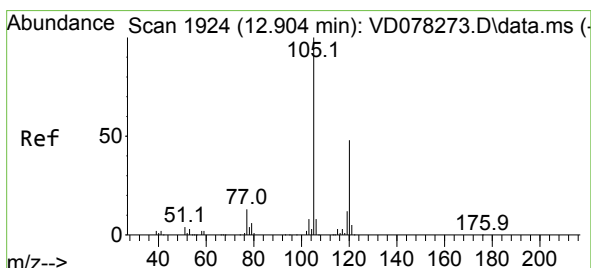
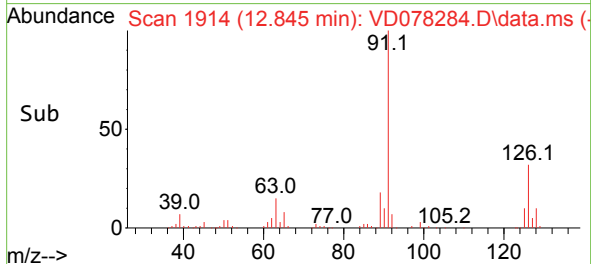
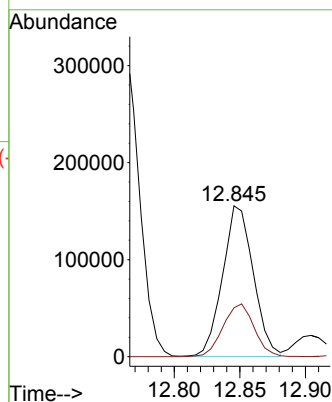
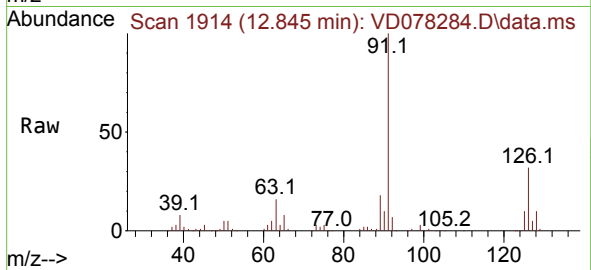




#79
2-Chlorotoluene
Concen: 48.933 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

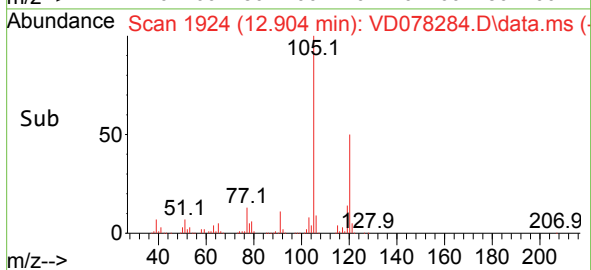
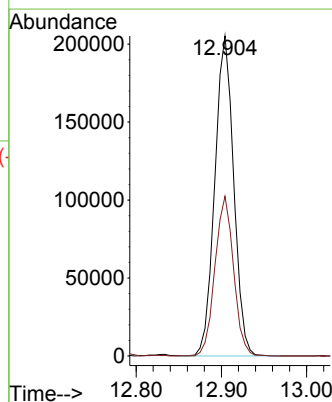
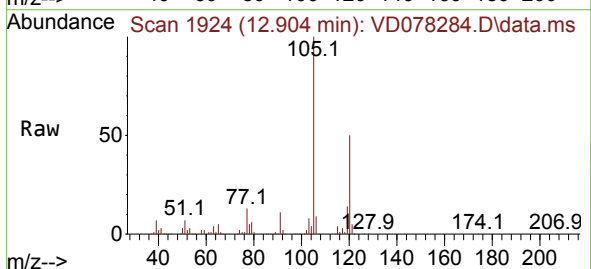
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

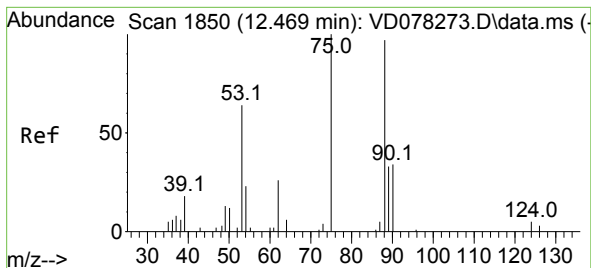
Tgt Ion: 91 Resp: 252994
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 50.127 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 105 Resp: 316174
Ion Ratio Lower Upper
105 100
120 49.1 26.4 79.2

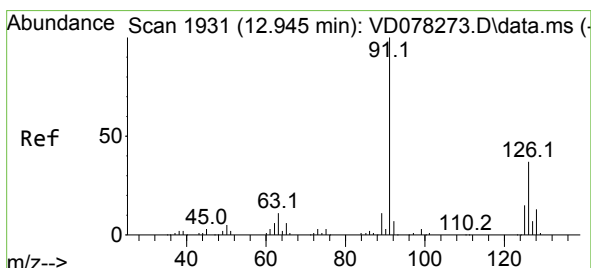
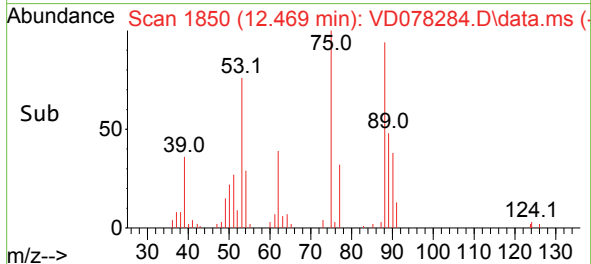
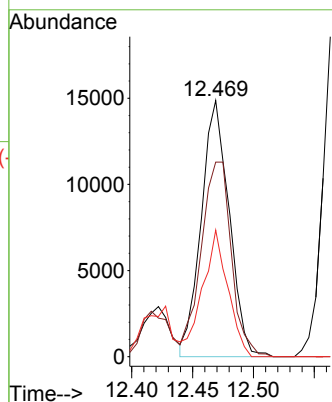
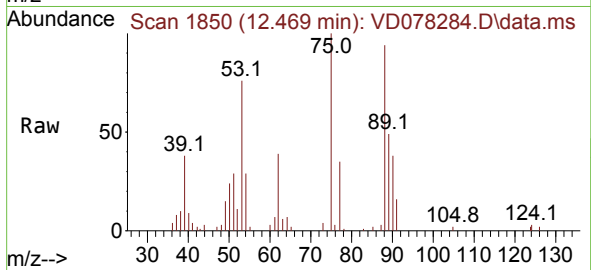




#81
trans-1,4-Dichloro-2-butene
Concen: 49.351 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

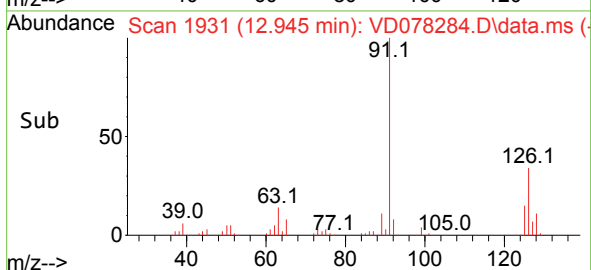
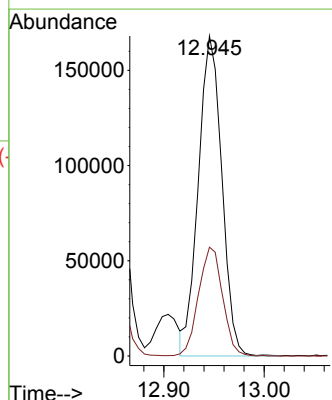
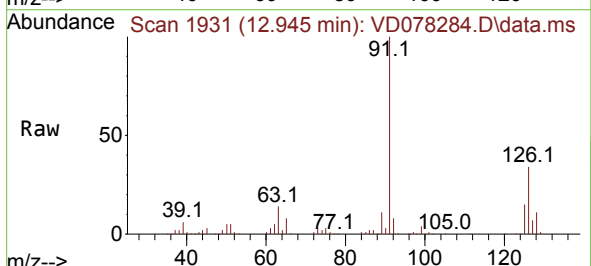
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

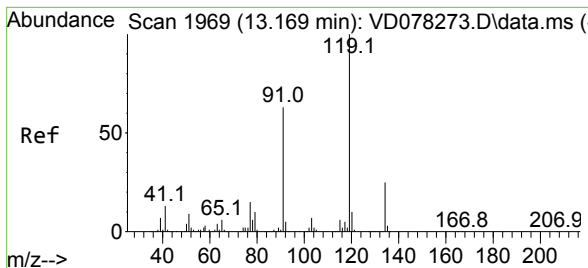
Tgt Ion: 75 Resp: 23767
Ion Ratio Lower Upper
75 100
53 82.3 63.0 94.4
89 45.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 49.637 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 91 Resp: 273593
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 49.745 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

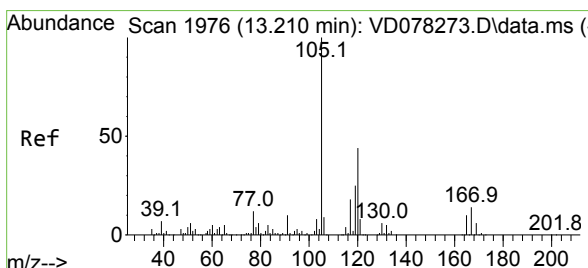
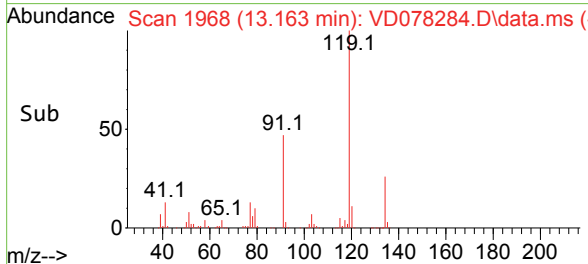
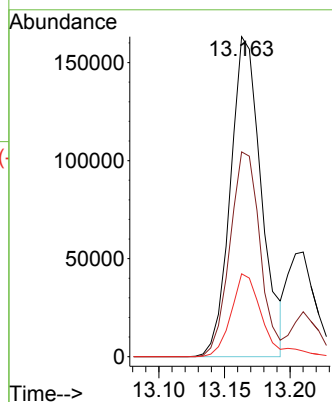
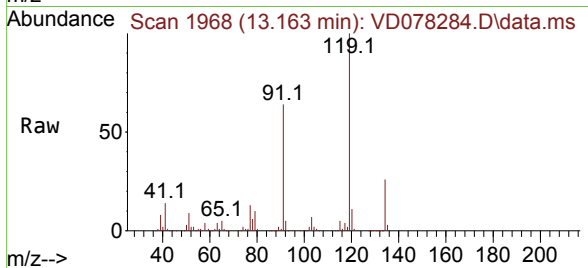
Tgt Ion:119 Resp: 267729

Ion Ratio Lower Upper

119 100

91 62.6 29.3 87.8

134 26.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.165 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078284.D

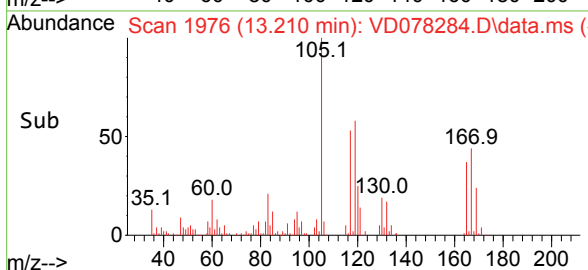
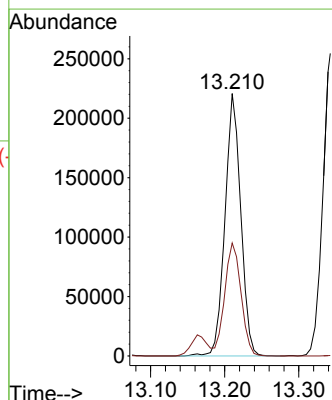
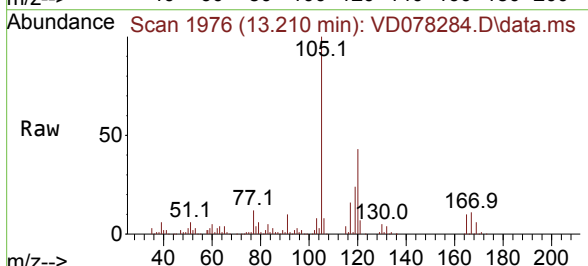
Acq: 30 Jan 2024 17:42

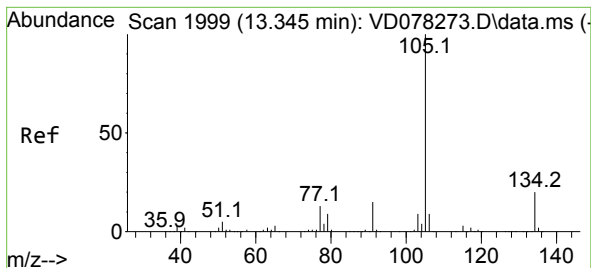
Tgt Ion:105 Resp: 326508

Ion Ratio Lower Upper

105 100

120 44.9 24.3 72.9

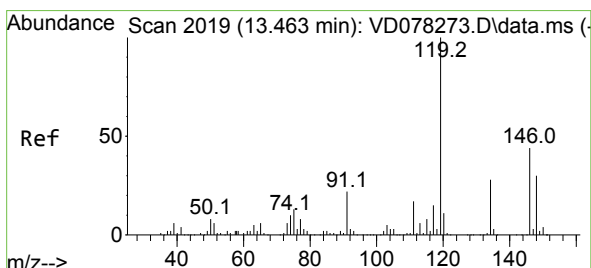
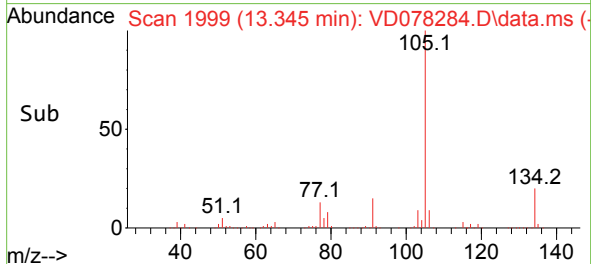
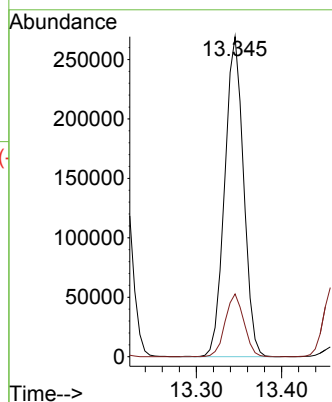
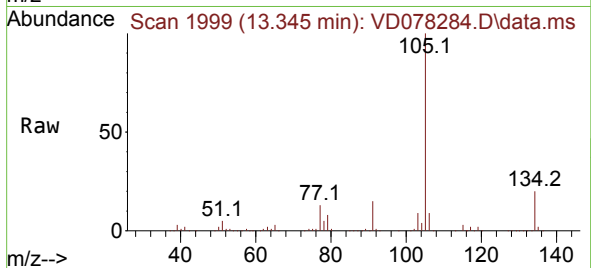




#85
 sec-Butylbenzene
 Concen: 48.910 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078284.D
 Acq: 30 Jan 2024 17:42

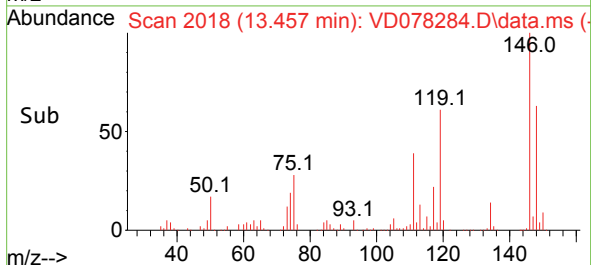
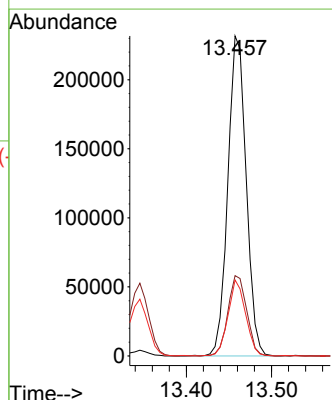
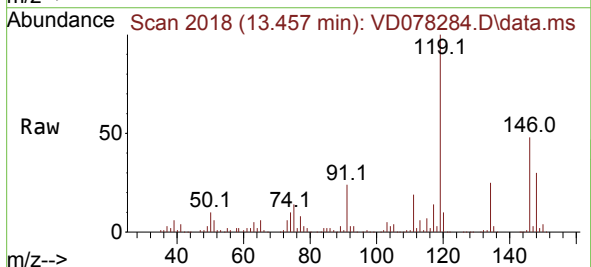
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

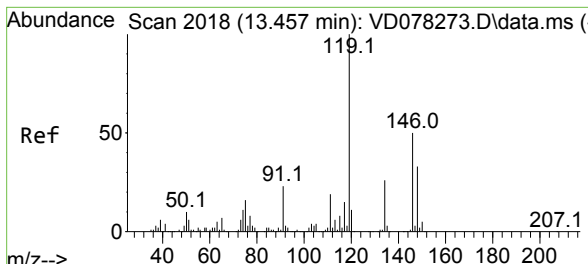
Tgt Ion:105 Resp: 413135
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.215 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078284.D
 Acq: 30 Jan 2024 17:42

Tgt Ion:119 Resp: 347409
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 22.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 50.030 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

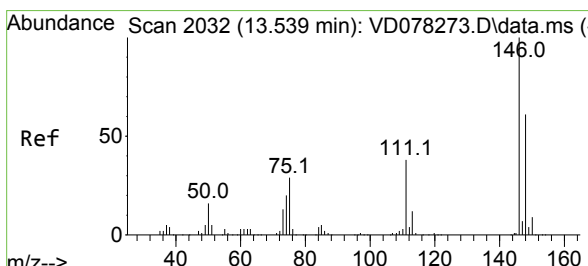
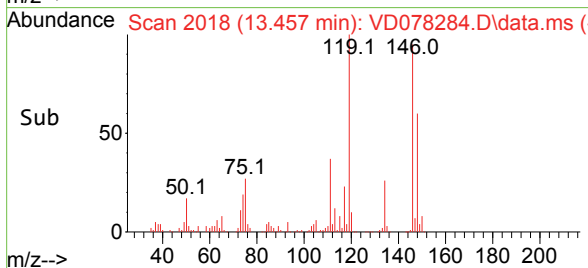
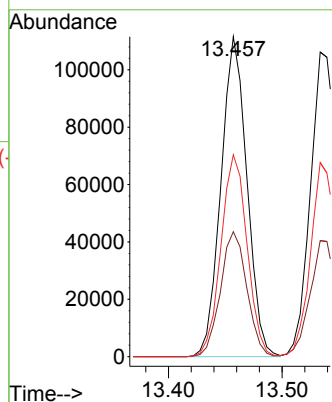
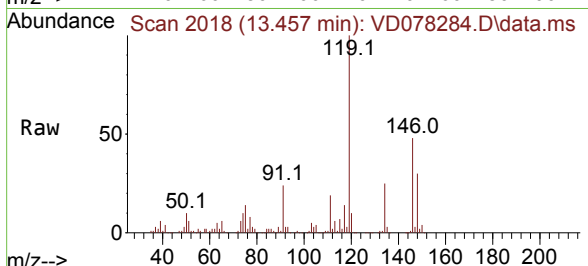
Tgt Ion:146 Resp: 177336

Ion Ratio Lower Upper

146 100

111 39.6 17.9 53.8

148 63.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 49.793 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

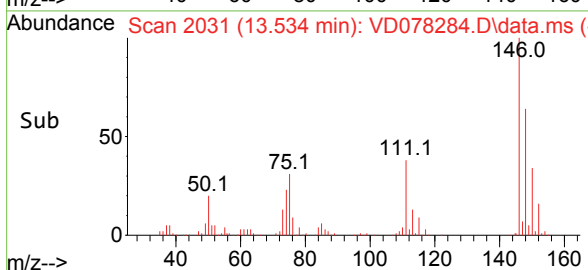
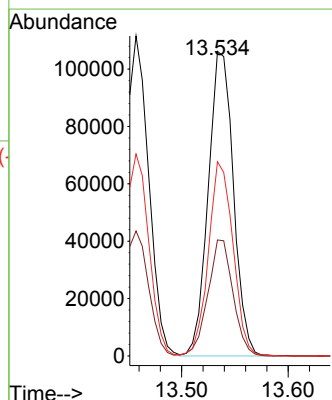
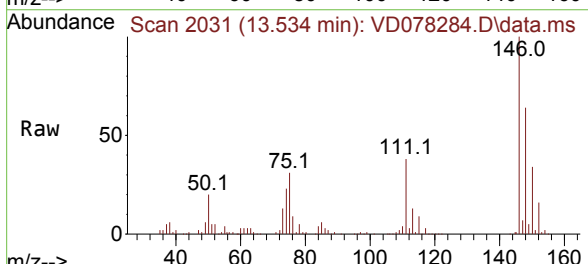
Tgt Ion:146 Resp: 174624

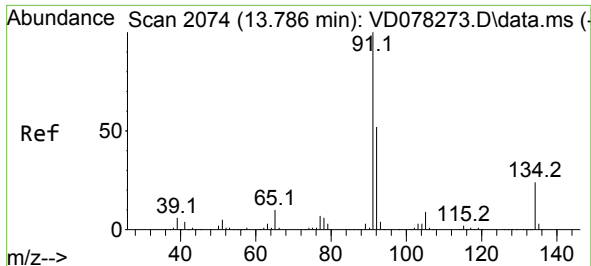
Ion Ratio Lower Upper

146 100

111 38.2 17.4 52.3

148 62.4 31.7 95.1

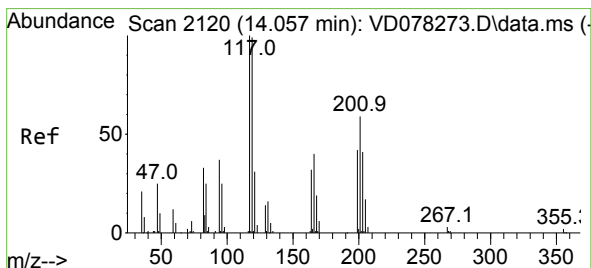
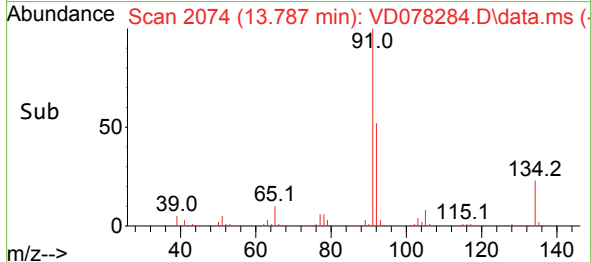
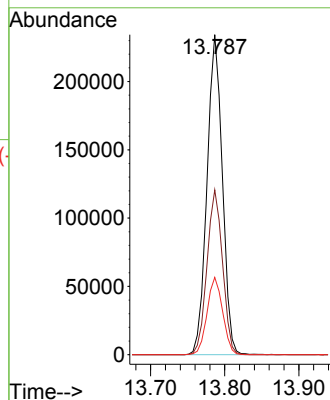
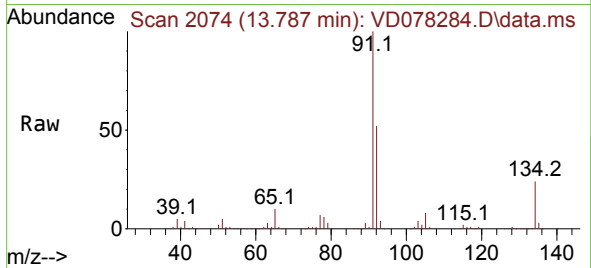




#89
n-Butylbenzene
Concen: 50.024 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

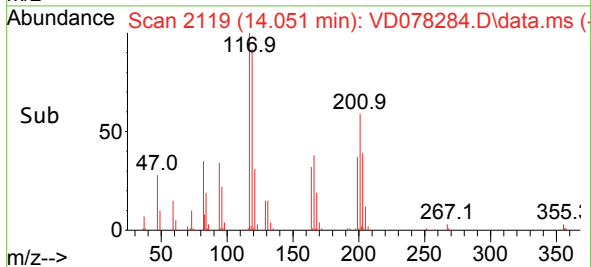
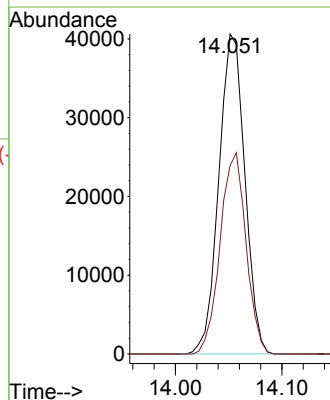
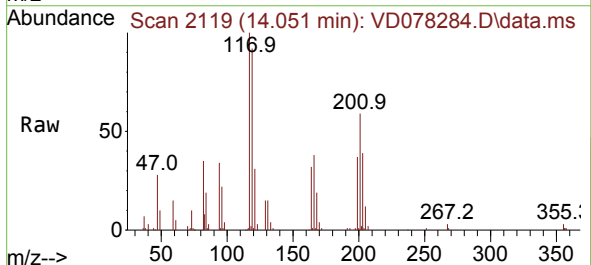
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

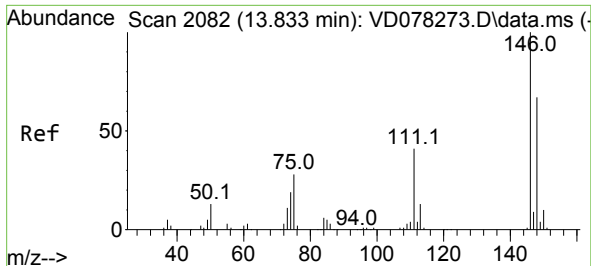
Tgt Ion: 91 Resp: 337241
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 24.5 13.8 41.3



#90
Hexachloroethane
Concen: 49.797 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 117 Resp: 68813
Ion Ratio Lower Upper
117 100
201 62.7 38.5 115.5

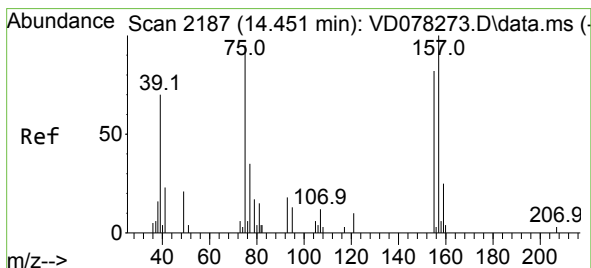
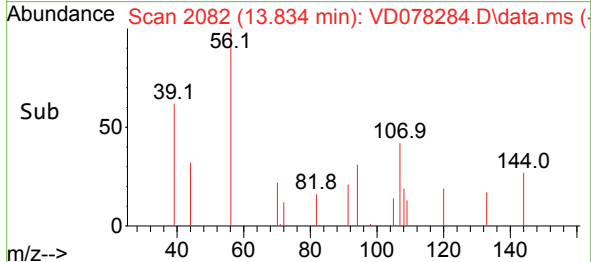
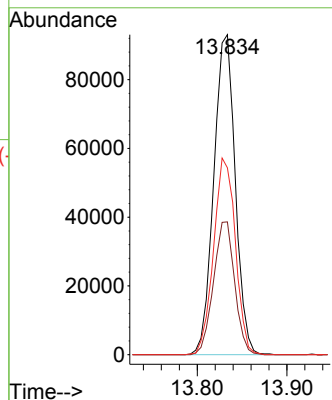
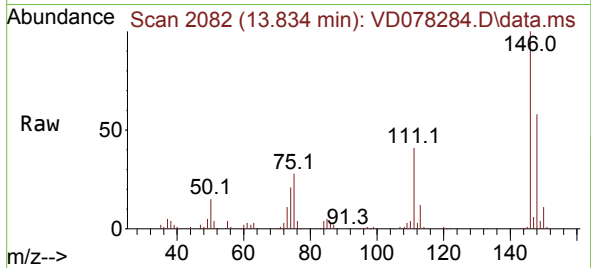




#91
1,2-Dichlorobenzene
Concen: 51.000 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

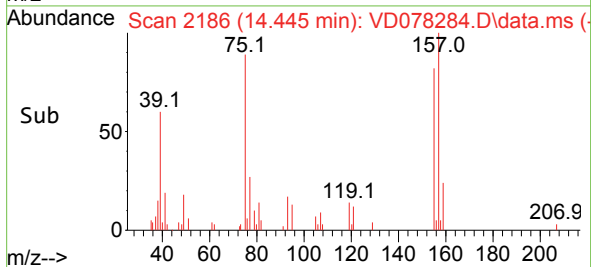
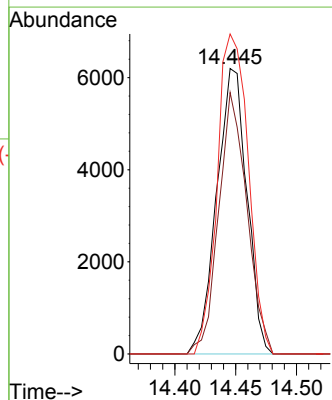
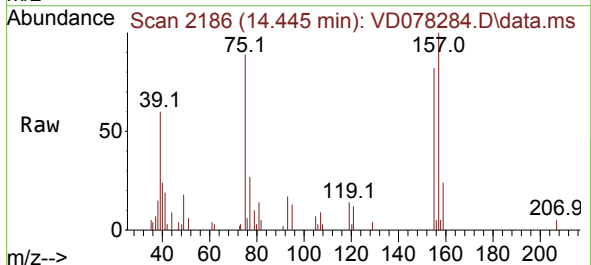
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

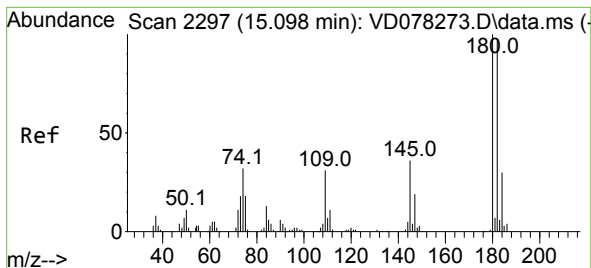
Tgt Ion:146 Resp: 154653
Ion Ratio Lower Upper
146 100
111 41.1 18.3 54.8
148 62.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.975 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion: 75 Resp: 10699
Ion Ratio Lower Upper
75 100
155 85.6 47.9 143.8
157 115.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.907 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

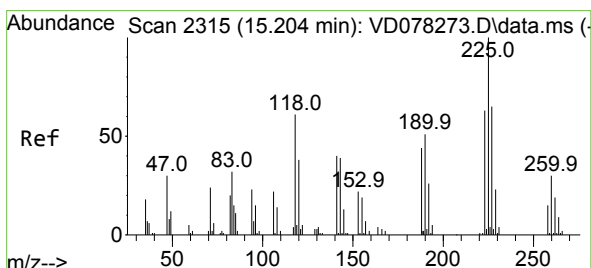
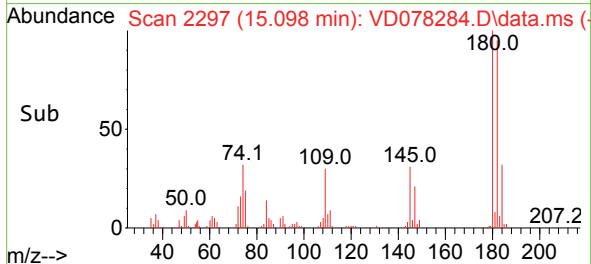
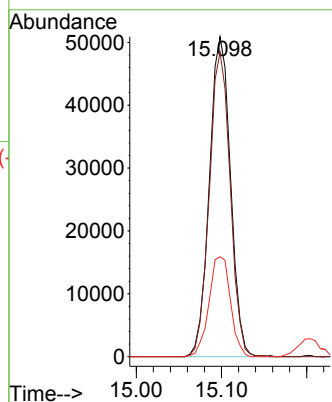
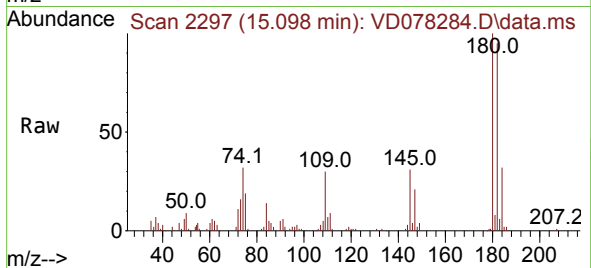
Tgt Ion:180 Resp: 87538

Ion Ratio Lower Upper

180 100

182 93.9 48.5 145.6

145 31.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.338 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078284.D

Acq: 30 Jan 2024 17:42

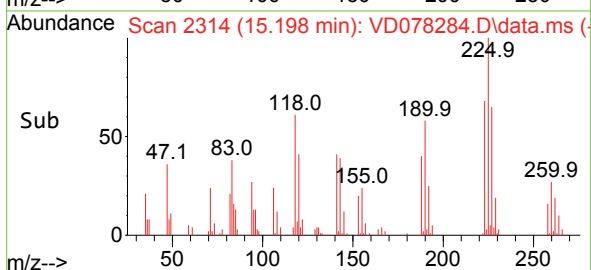
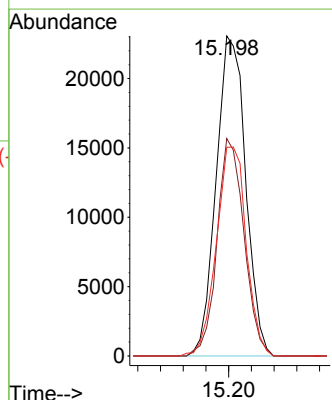
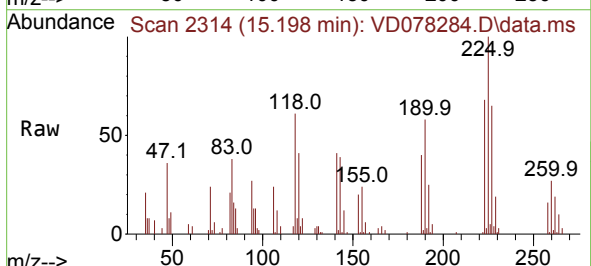
Tgt Ion:225 Resp: 41546

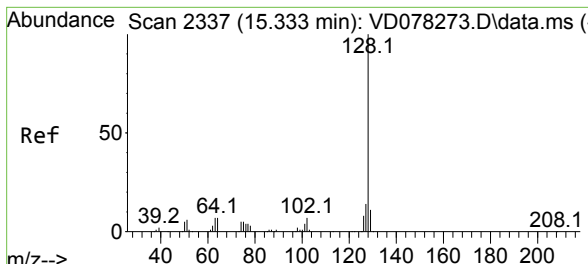
Ion Ratio Lower Upper

225 100

223 62.3 31.6 94.8

227 66.0 31.7 95.1

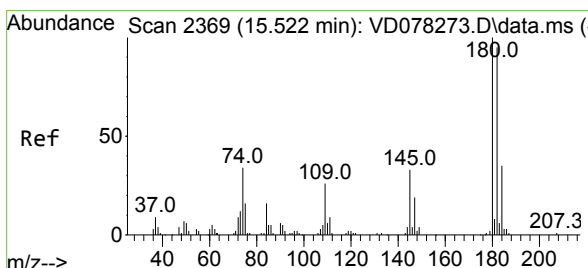
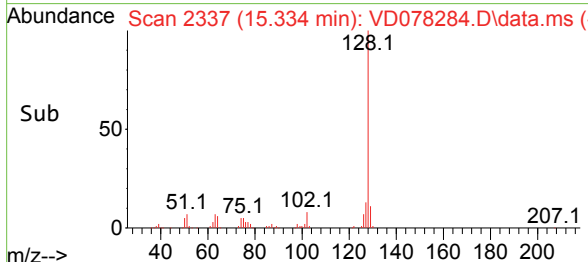
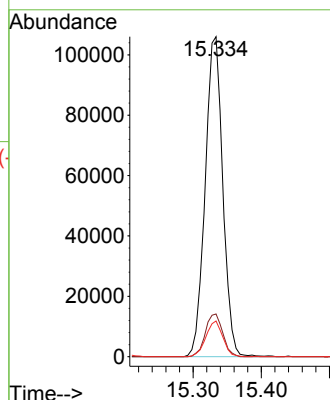
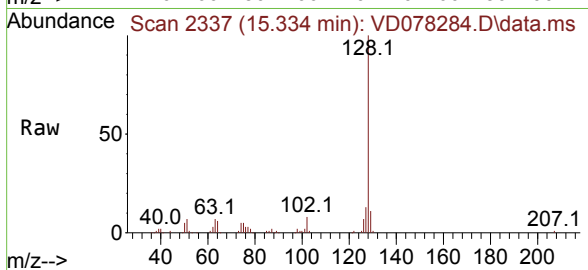




#95
Naphthalene
Concen: 54.437 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 190377
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.405 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078284.D
Acq: 30 Jan 2024 17:42

Tgt Ion:180 Resp: 80934
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.9
145 31.9 15.1 45.3

