

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078545.D
 Acq On : 26 Feb 2024 10:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 27 03:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	130257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	208563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71106	50.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.811	113	83405	62.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.920%	
50) Toluene-d8	10.269	98	323875	61.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.220%	
62) 4-Bromofluorobenzene	12.575	95	95112	61.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 123.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	65495	51.032	ug/l	94
3) Chloromethane	2.152	50	106257	45.051	ug/l	99
4) Vinyl Chloride	2.287	62	167546	46.553	ug/l	99
5) Bromomethane	2.699	94	130179	52.402	ug/l	98
6) Chloroethane	2.840	64	122458	46.661	ug/l	93
7) Trichlorofluoromethane	3.175	101	125359	51.634	ug/l	94
8) Diethyl Ether	3.593	74	35236	50.388	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	78770	51.430	ug/l	97
10) Methyl Iodide	4.175	142	80364	58.583	ug/l	94
11) Tert butyl alcohol	5.064	59	17675	231.123	ug/l	98
12) 1,1-Dichloroethene	3.946	96	74408	52.401	ug/l	96
13) Acrolein	3.805	56	33095	254.358	ug/l	97
14) Allyl chloride	4.564	41	80824	46.075	ug/l	94
15) Acrylonitrile	5.258	53	70881	236.778	ug/l	100
16) Acetone	4.028	43	68587	253.520	ug/l	87
17) Carbon Disulfide	4.275	76	210248	44.003	ug/l	99
18) Methyl Acetate	4.564	43	58300	56.464	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	150413	49.857	ug/l	99
20) Methylene Chloride	4.811	84	87805	55.367	ug/l	92
21) trans-1,2-Dichloroethene	5.317	96	86425	51.737	ug/l	91
22) Diisopropyl ether	6.216	45	185681	48.025	ug/l	99
23) Vinyl Acetate	6.158	43	411993	260.587	ug/l	98
24) 1,1-Dichloroethane	6.122	63	136446	49.817	ug/l	95
25) 2-Butanone	7.081	43	87473	244.810	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	123326	53.712	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	96880	52.860	ug/l	97
28) Bromochloromethane	7.422	49	48658	44.853	ug/l	90
29) Tetrahydrofuran	7.446	42	48086	229.581	ug/l	96
30) Chloroform	7.599	83	149206	51.487	ug/l	97
31) Cyclohexane	7.887	56	106108	44.537	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	132985	53.824	ug/l	98
36) 1,1-Dichloropropene	8.011	75	112248	54.540	ug/l	99
37) Ethyl Acetate	7.175	43	31416	43.545	ug/l	97
38) Carbon Tetrachloride	7.993	117	118190	57.988	ug/l	98
39) Methylcyclohexane	9.281	83	130031	53.219	ug/l	98
40) Benzene	8.252	78	333645	56.086	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12253	32.634	ug/l #	51
42) 1,2-Dichloroethane	8.328	62	80689	52.421	ug/l	99
43) Isopropyl Acetate	8.363	43	64788	48.496	ug/l	97
44) Trichloroethene	9.028	130	91059	60.000	ug/l	92
45) 1,2-Dichloropropane	9.305	63	77854	53.341	ug/l	97
46) Dibromomethane	9.399	93	45241	55.107	ug/l	94
47) Bromodichloromethane	9.587	83	114190	56.157	ug/l	99
48) Methyl methacrylate	9.375	41	37629	53.090	ug/l	92
49) 1,4-Dioxane	9.387	88	9420	1059.536	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	173659	244.915	ug/l	95
52) Toluene	10.334	92	216531	57.559	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	103633	55.855	ug/l	95
54) cis-1,3-Dichloropropene	10.022	75	124911	55.520	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	61532	55.656	ug/l #	90
56) Ethyl methacrylate	10.599	69	47601	46.553	ug/l	95
57) 1,3-Dichloropropane	10.881	76	101682	54.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	154532	256.571	ug/l	98
59) 2-Hexanone	10.922	43	129023	242.131	ug/l	93
60) Dibromochloromethane	11.075	129	79496	59.762	ug/l	98
61) 1,2-Dibromoethane	11.181	107	58749	56.602	ug/l	98
64) Tetrachloroethene	10.810	164	73465	59.885	ug/l	96
65) Chlorobenzene	11.610	112	227475	58.258	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	86666	60.397	ug/l	98
67) Ethyl Benzene	11.687	91	413157	59.055	ug/l	98
68) m/p-Xylenes	11.793	106	327337	119.950	ug/l	93
69) o-Xylene	12.122	106	144939	58.200	ug/l	91
70) Styrene	12.134	104	226542	55.739	ug/l	97
71) Bromoform	12.299	173	44611	59.066	ug/l #	98
73) Isopropylbenzene	12.422	105	397087	57.280	ug/l	97
74) N-amyl acetate	12.234	43	59184	45.128	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	68554	49.852	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	82246	93.839	ug/l #	100
77) Bromobenzene	12.704	156	93290	57.261	ug/l	96
78) n-propylbenzene	12.763	91	482484	55.850	ug/l	98
79) 2-Chlorotoluene	12.851	91	254780	55.063	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	334325	58.080	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	20989	49.715	ug/l	96
82) 4-Chlorotoluene	12.951	91	266778	53.683	ug/l	99
83) tert-Butylbenzene	13.169	119	280625	57.805	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	336285	57.562	ug/l	97
85) sec-Butylbenzene	13.346	105	420999	55.918	ug/l	97
86) p-Isopropyltoluene	13.463	119	376375	58.692	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	198218	57.005	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	197257	57.735	ug/l	99
89) n-Butylbenzene	13.787	91	347040	56.147	ug/l	99
90) Hexachloroethane	14.057	117	73915	56.081	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	166191	56.916	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9256	51.405	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	104142	60.687	ug/l	98
94) Hexachlorobutadiene	15.204	225	55760	62.252	ug/l	100
95) Naphthalene	15.334	128	180164	56.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	88576	60.904	ug/l	99

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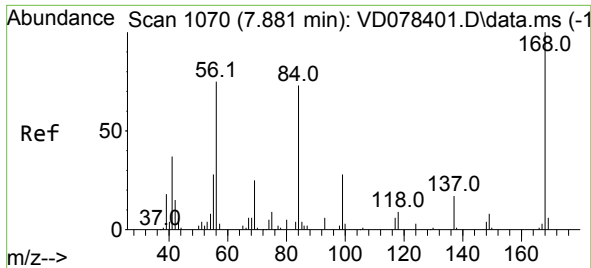
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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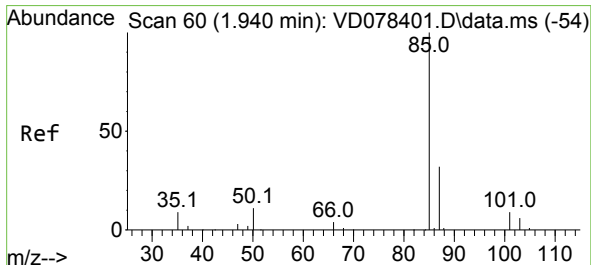
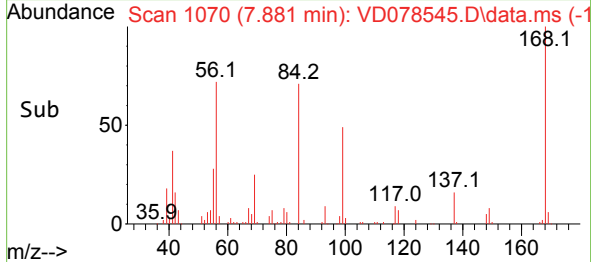
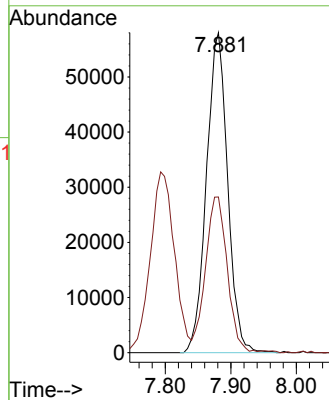
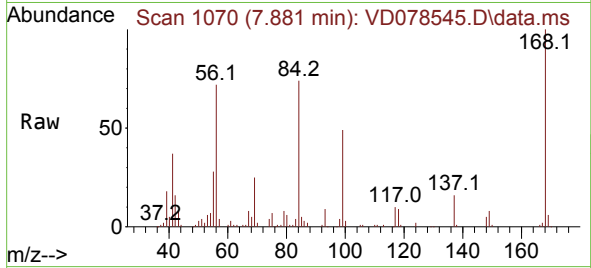




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078545.D
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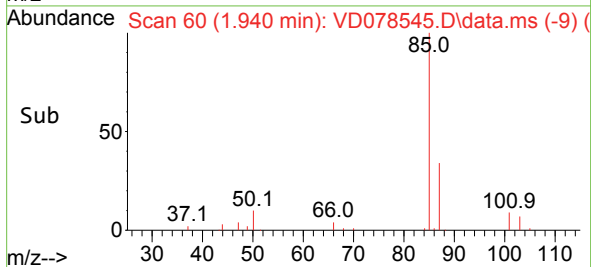
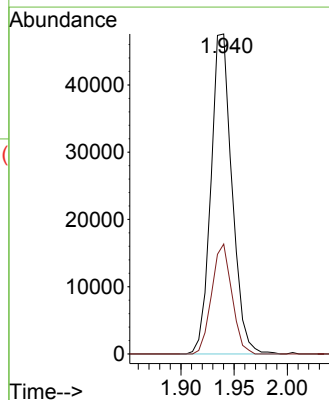
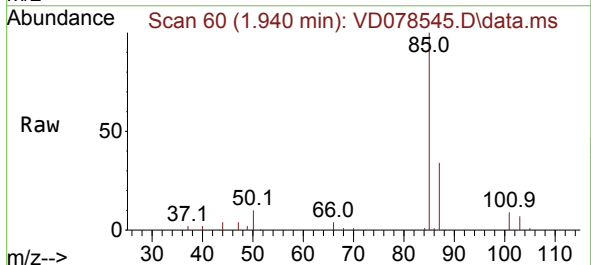
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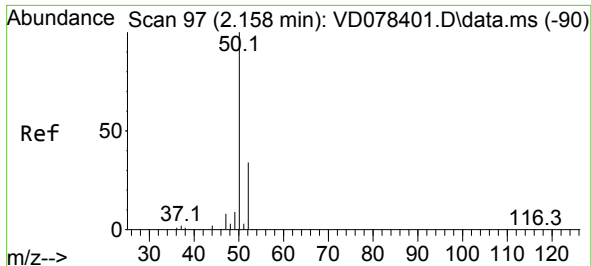
Tgt Ion:168 Resp: 130257
Ion Ratio Lower Upper
168 100
99 48.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 51.032 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 85 Resp: 65495
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.0

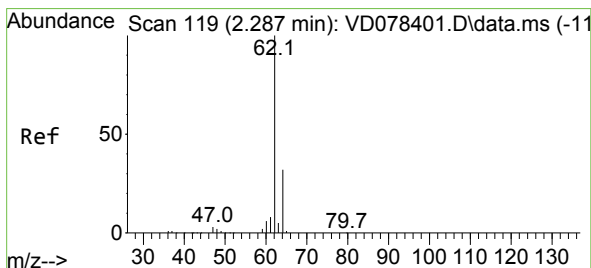
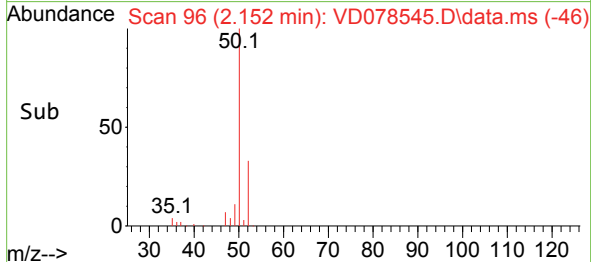
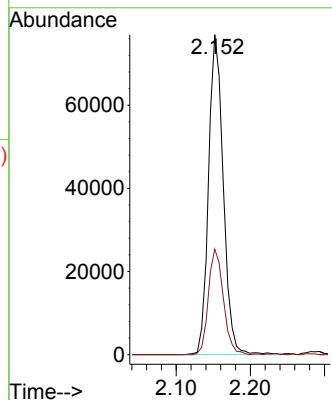
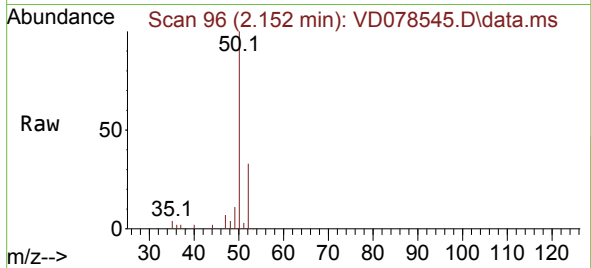




#3
Chloromethane
Concen: 45.051 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

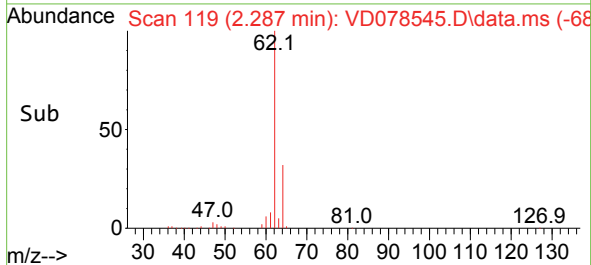
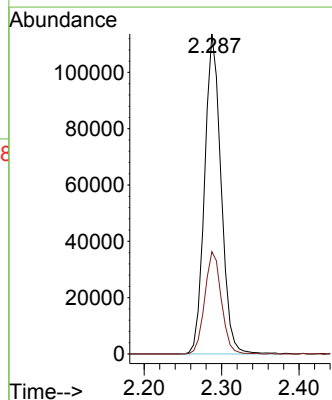
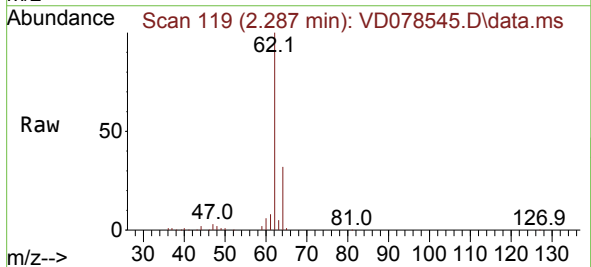
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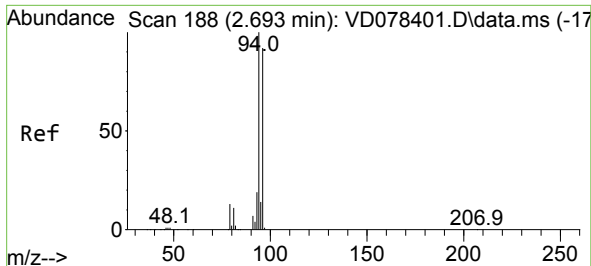
Tgt Ion: 50 Resp: 106257
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 46.553 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 62 Resp: 167546
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

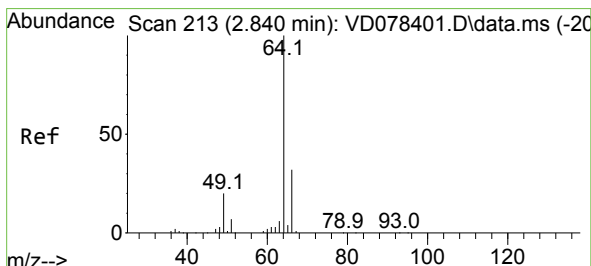
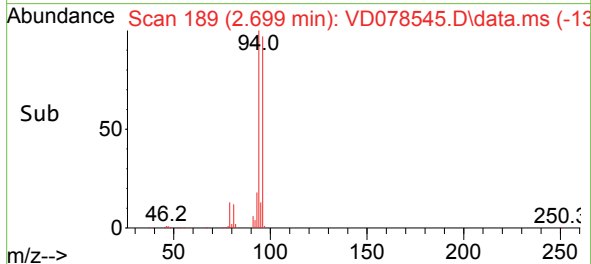
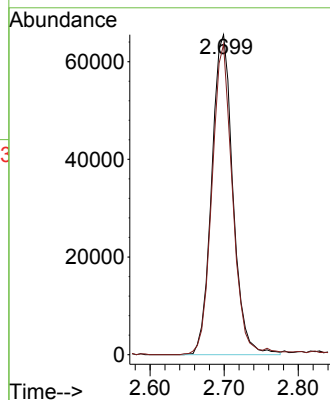
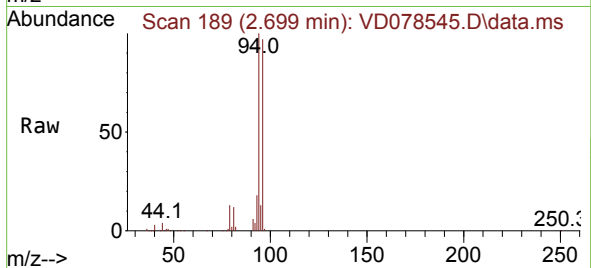




#5
Bromomethane
Concen: 52.402 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

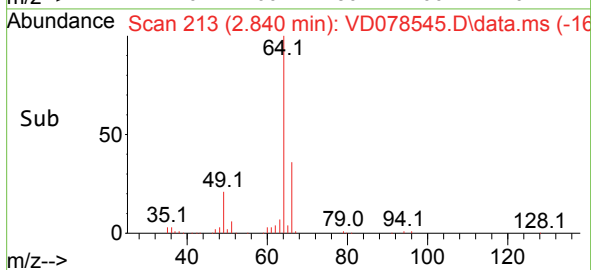
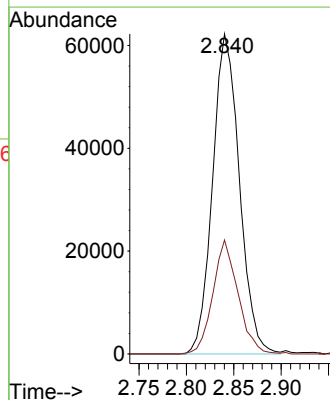
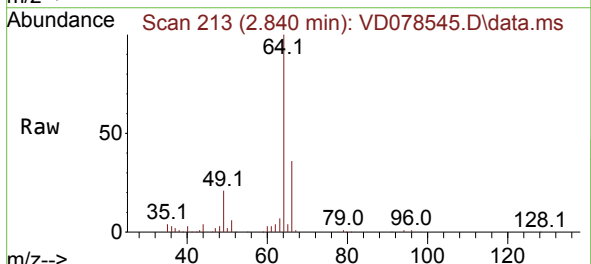
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Tgt Ion: 94 Resp: 130179
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 46.661 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 64 Resp: 122458
Ion Ratio Lower Upper
64 100
66 35.6 25.5 38.3

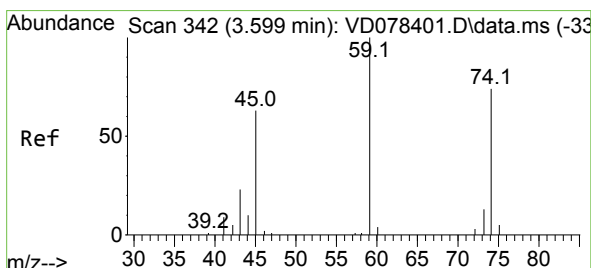
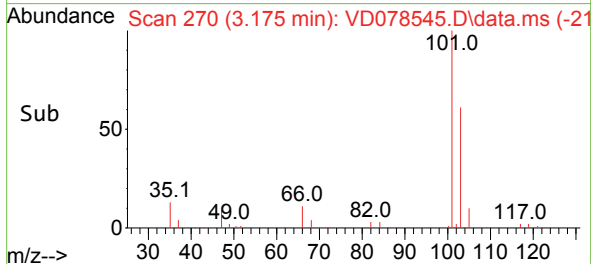
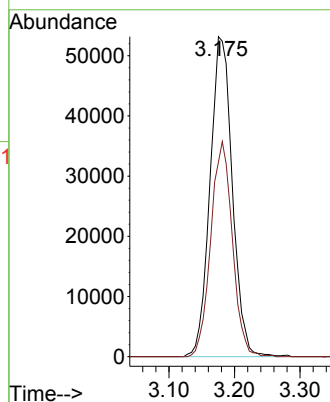
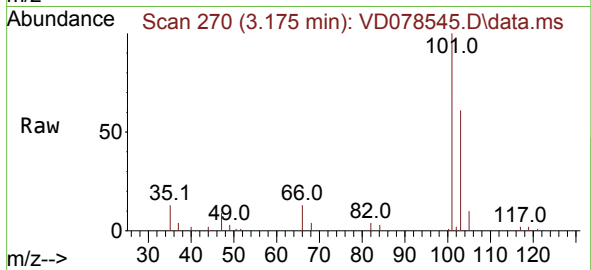




#7
Trichlorofluoromethane
Concen: 51.634 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078545.D
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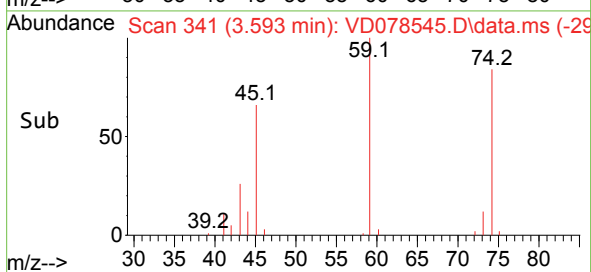
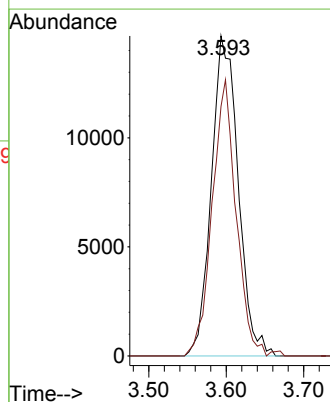
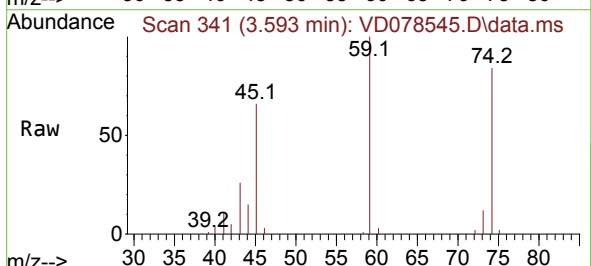
Instrument :
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Tgt Ion:101 Resp: 125359
Ion Ratio Lower Upper
101 100
103 60.8 52.3 78.5



#8
Diethyl Ether
Concen: 50.388 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 74 Resp: 35236
Ion Ratio Lower Upper
74 100
45 77.2 37.5 112.7

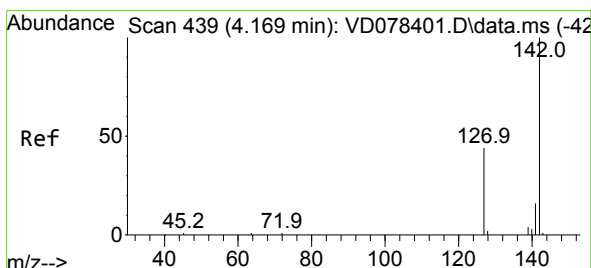
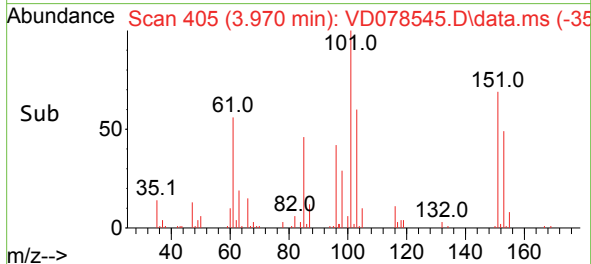
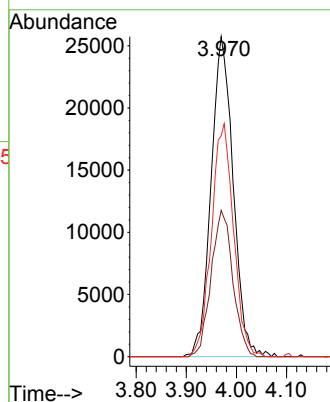
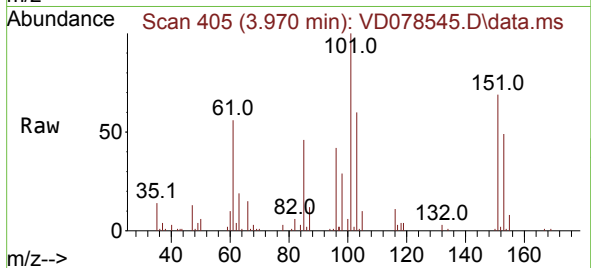




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.430 ug/l
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD078545.D
 Acq: 26 Feb 2024 10:01

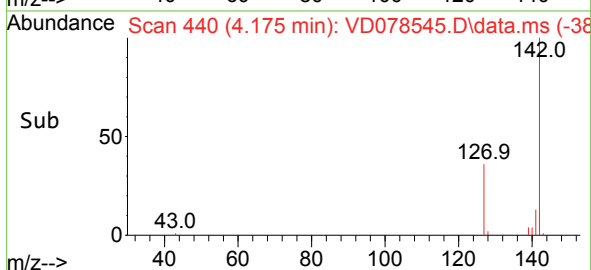
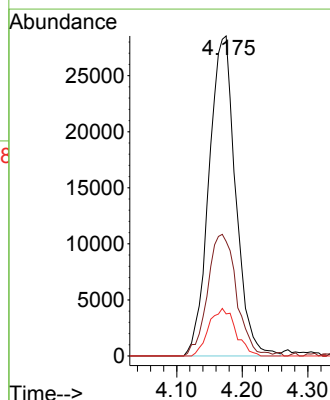
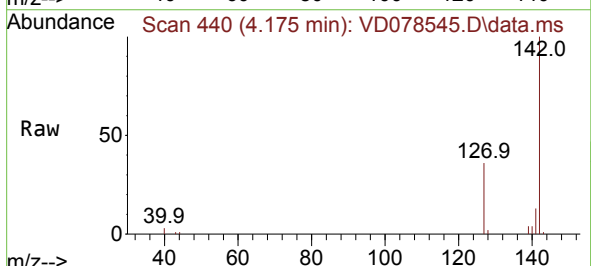
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 ClientSampleId :
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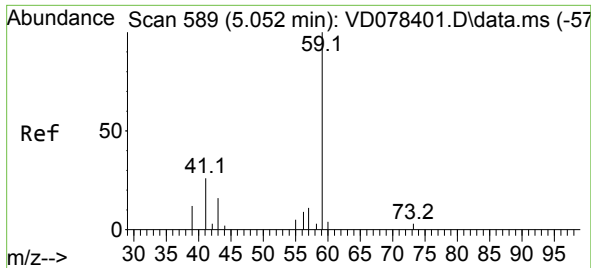
Tgt Ion:101 Resp: 78770
 Ion Ratio Lower Upper
 101 100
 85 44.9 33.8 50.6
 151 73.0 59.8 89.6



#10
 Methyl Iodide
 Concen: 58.583 ug/l
 RT: 4.175 min Scan# 440
 Delta R.T. 0.006 min
 Lab File: VD078545.D
 Acq: 26 Feb 2024 10:01

Tgt Ion:142 Resp: 80364
 Ion Ratio Lower Upper
 142 100
 127 41.3 29.4 44.0
 141 15.0 11.1 16.7

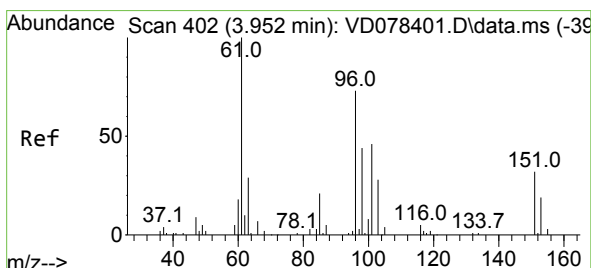
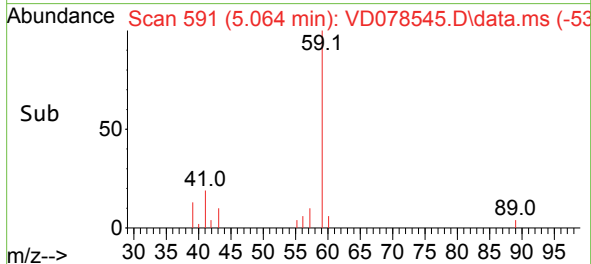
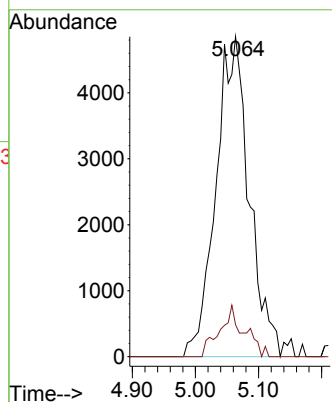
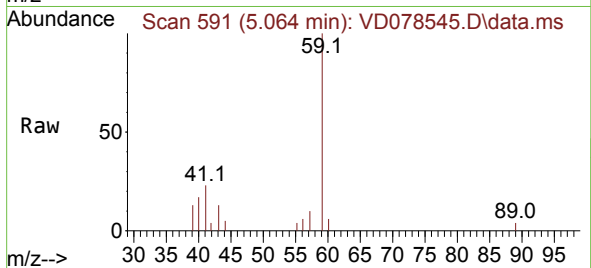




#11
Tert butyl alcohol
Concen: 231.123 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

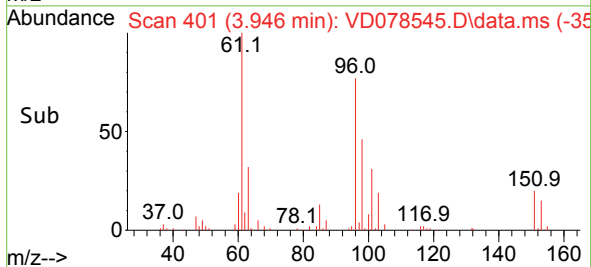
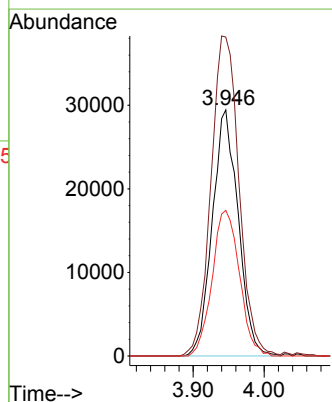
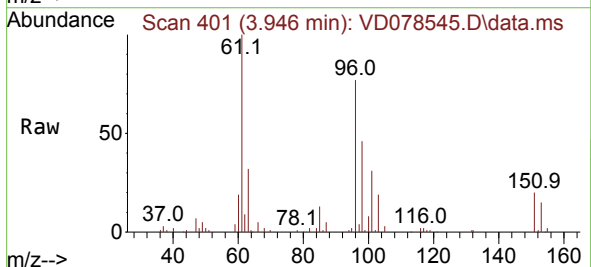
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

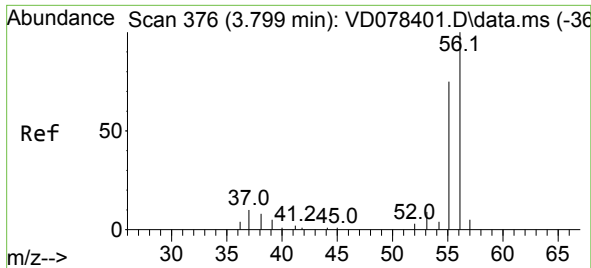
Tgt Ion: 59 Resp: 17675
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 52.401 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 96 Resp: 74408
Ion Ratio Lower Upper
96 100
61 129.6 100.6 150.8
98 59.2 50.2 75.2

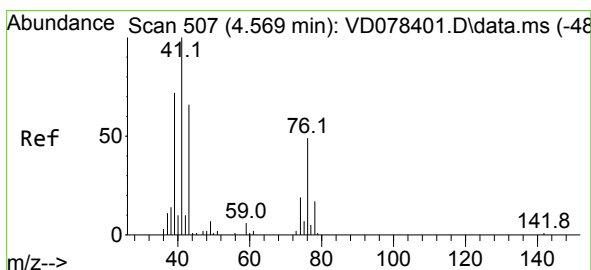
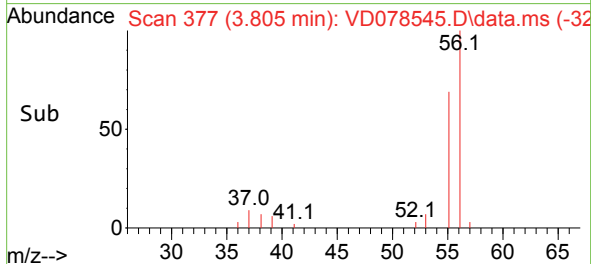
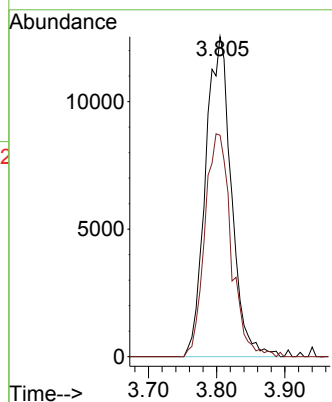
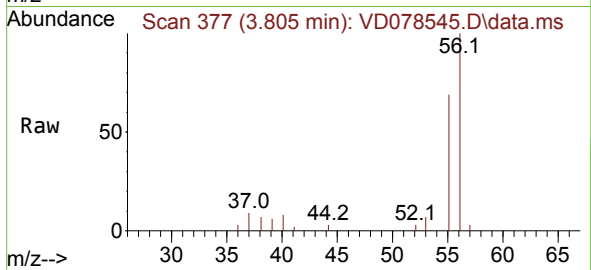




#13
Acrolein
Concen: 254.358 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

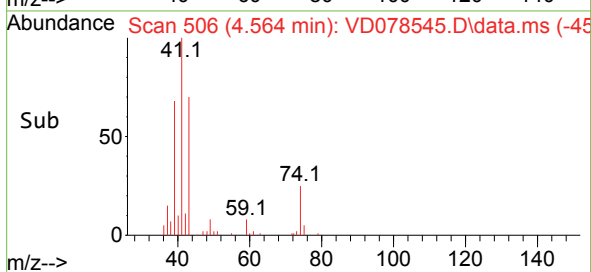
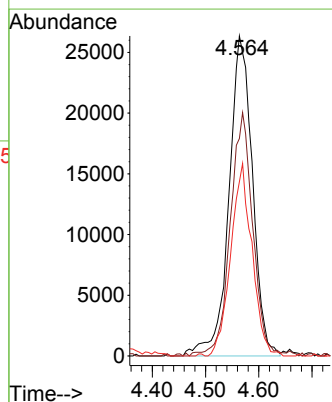
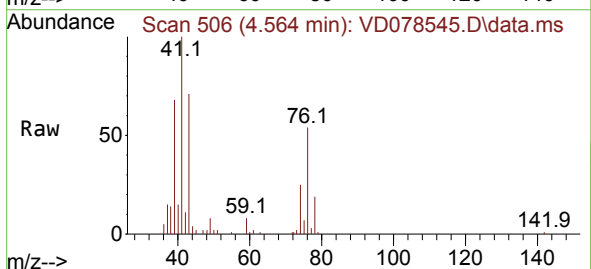
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

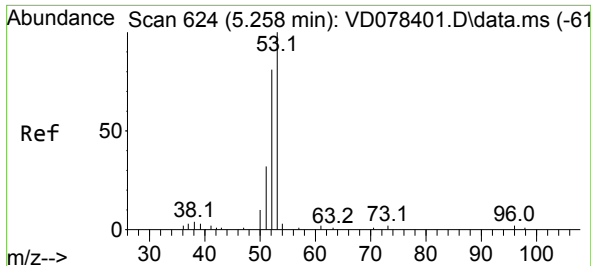
Tgt Ion: 56 Resp: 33095
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7



#14
Allyl chloride
Concen: 46.075 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 41 Resp: 80824
Ion Ratio Lower Upper
41 100
39 73.1 53.8 80.6
76 54.5 45.8 68.8

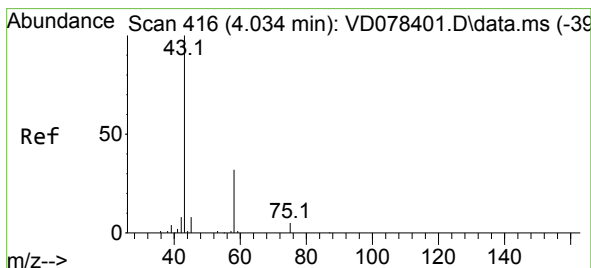
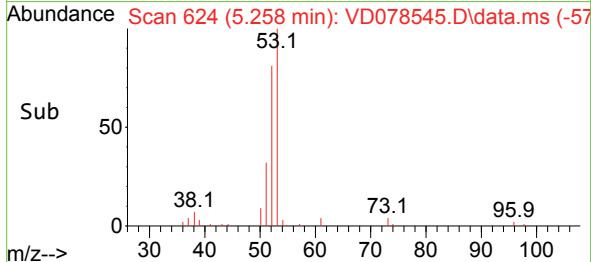
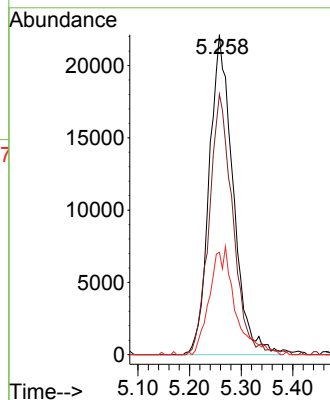
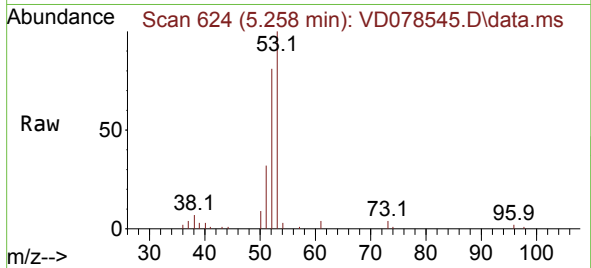




#15
Acrylonitrile
Concen: 236.778 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

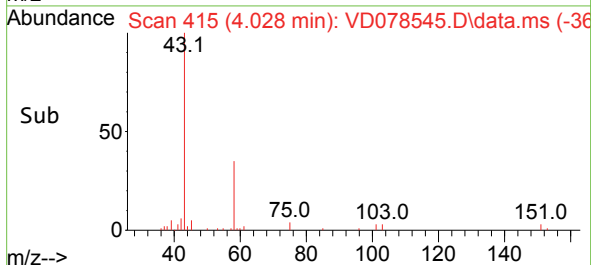
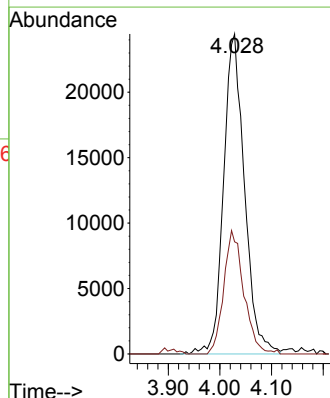
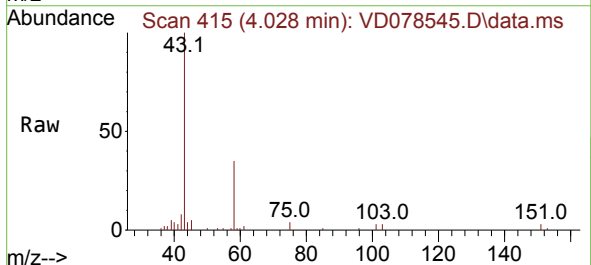
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

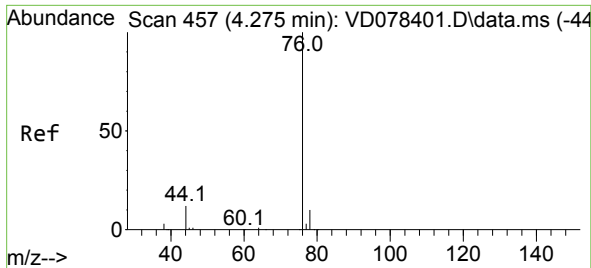
Tgt Ion:	53	Resp:	70881
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.0	97.4
51	36.1	28.3	42.5



#16
Acetone
Concen: 253.520 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:	43	Resp:	68587
Ion	Ratio	Lower	Upper
43	100		
58	35.0	34.7	52.1

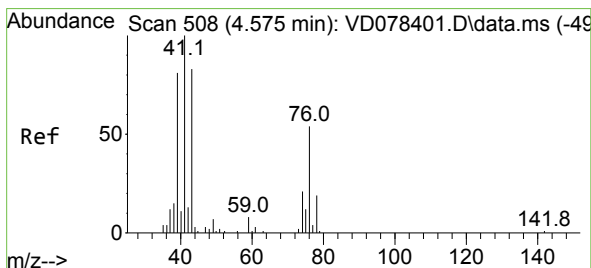
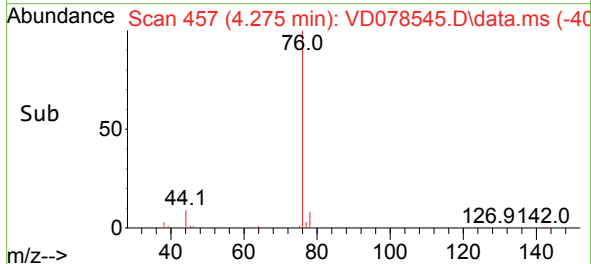
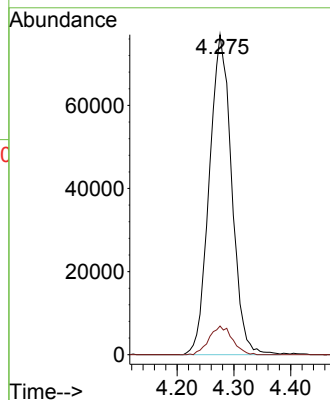
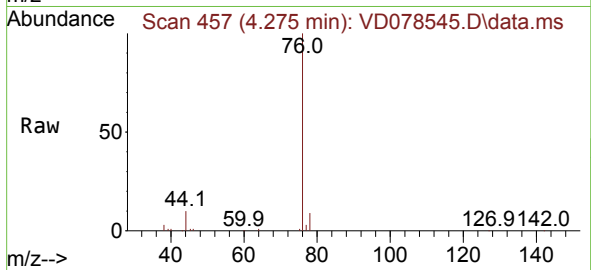




#17
Carbon Disulfide
Concen: 44.003 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

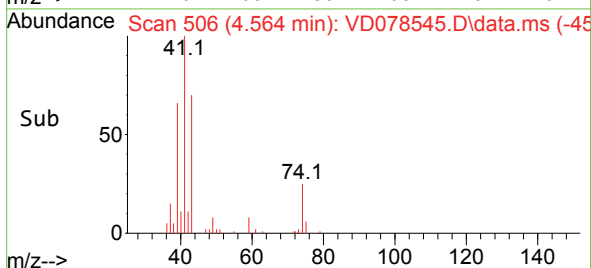
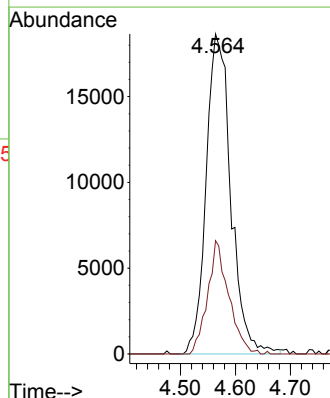
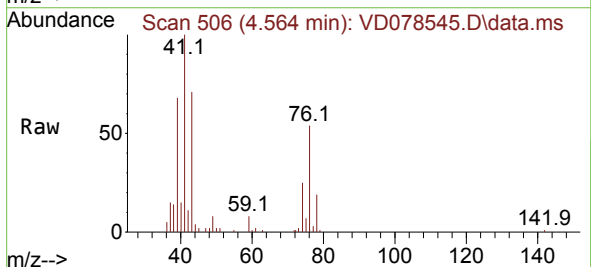
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

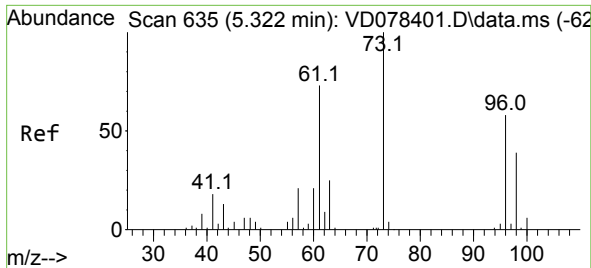
Tgt Ion: 76 Resp: 210248
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 56.464 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 43 Resp: 58300
Ion Ratio Lower Upper
43 100
74 30.3 26.4 39.6

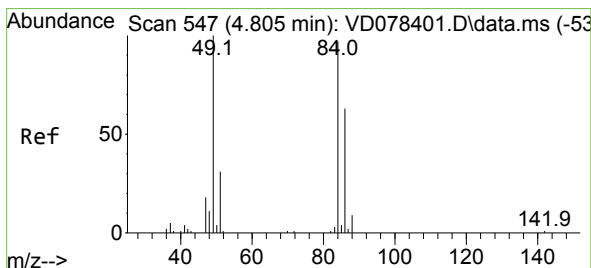
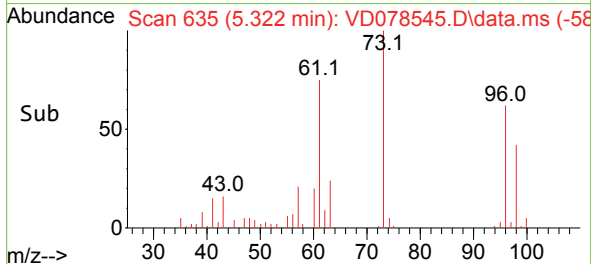
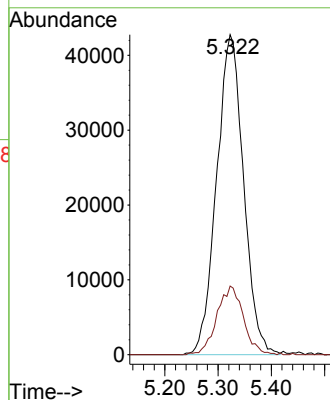
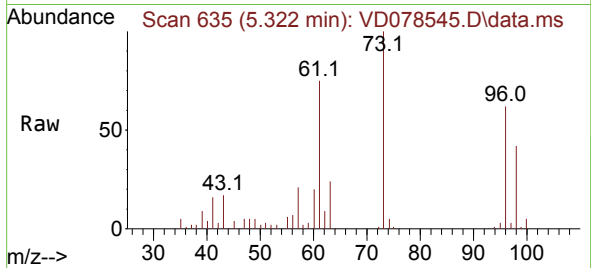




#19
Methyl tert-butyl Ether
Concen: 49.857 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

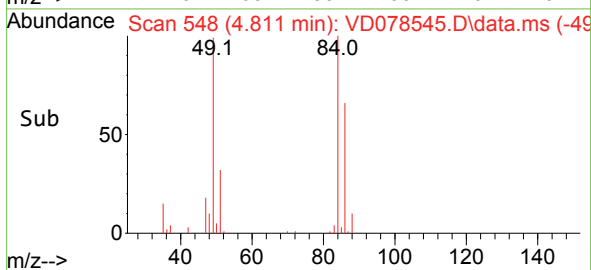
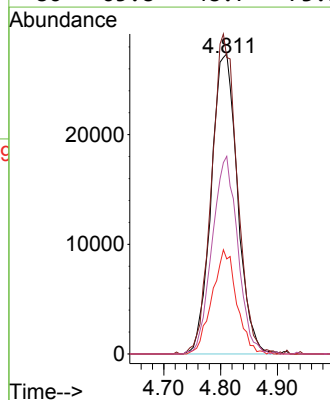
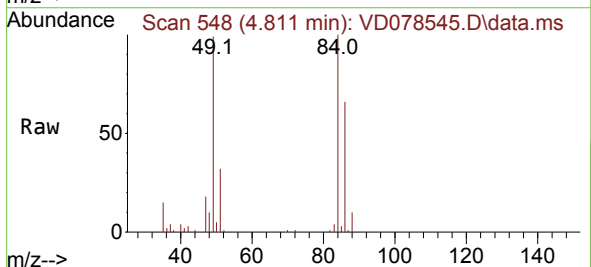
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 150413
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 55.367 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 84 Resp: 87805
Ion Ratio Lower Upper
84 100
49 98.8 71.4 107.2
51 31.7 24.5 36.7
86 65.8 48.7 73.1

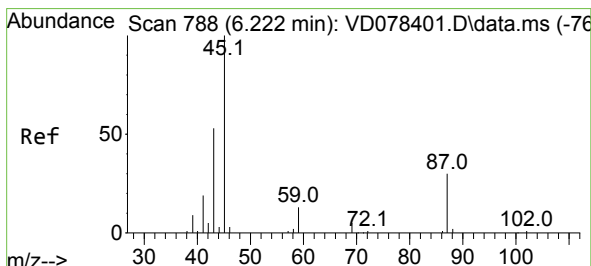
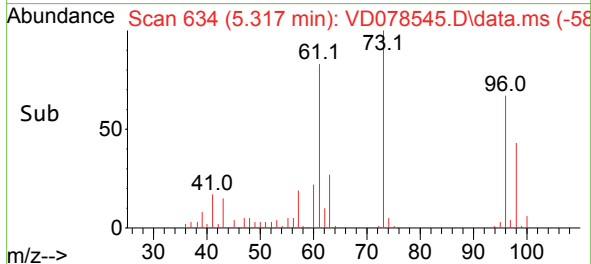
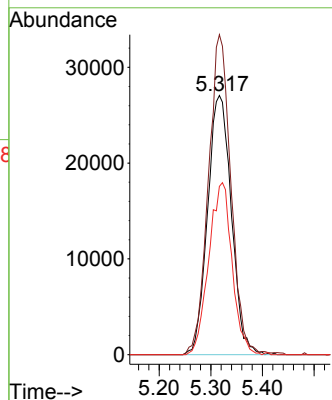
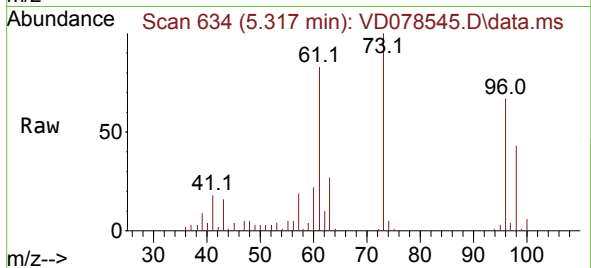




#21
trans-1,2-Dichloroethene
Concen: 51.737 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

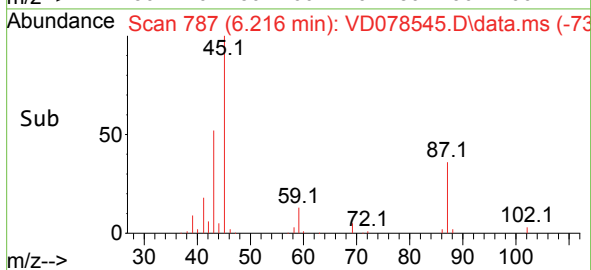
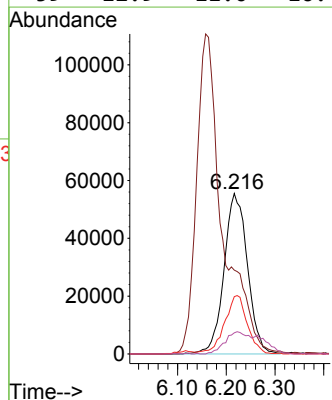
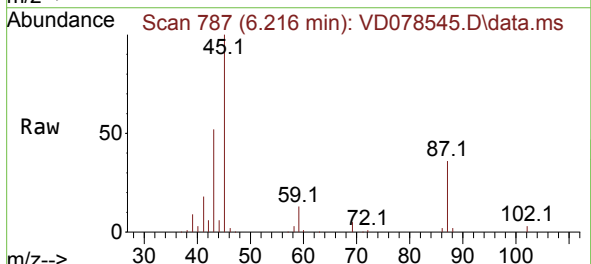
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

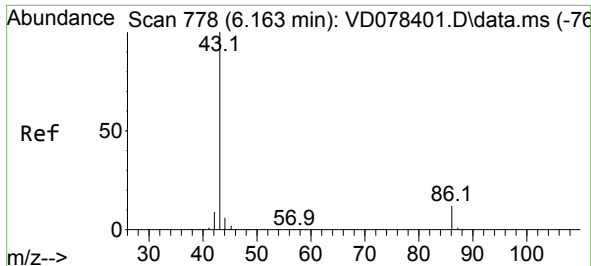
Tgt Ion: 96 Resp: 86425
Ion Ratio Lower Upper
96 100
61 123.5 89.3 133.9
98 64.9 48.6 73.0



#22
Diisopropyl ether
Concen: 48.025 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 45 Resp: 185681
Ion Ratio Lower Upper
45 100
43 50.5 40.0 60.0
87 35.1 28.2 42.4
59 12.9 11.0 16.4

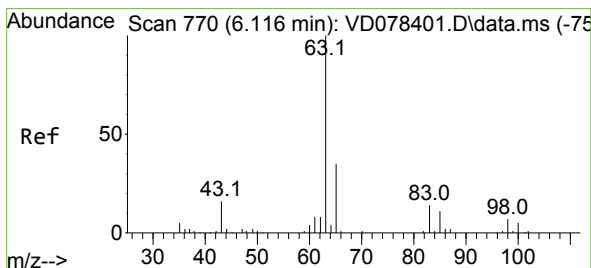
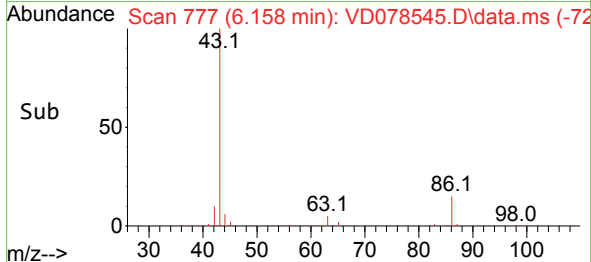
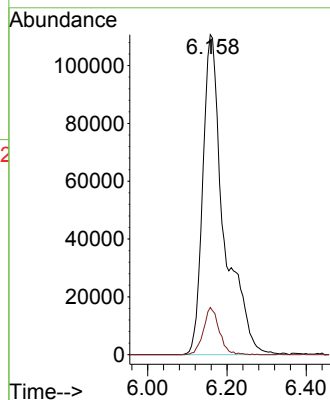
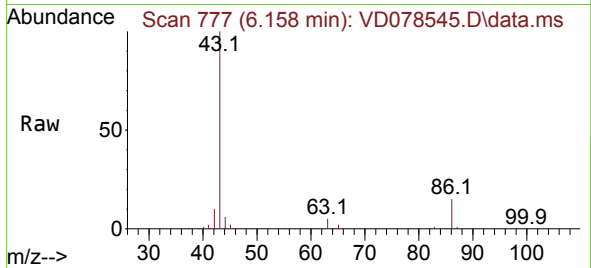




#23
 Vinyl Acetate
 Concen: 260.587 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. -0.005 min
 Lab File: VD078545.D
 Acq: 26 Feb 2024 10:01

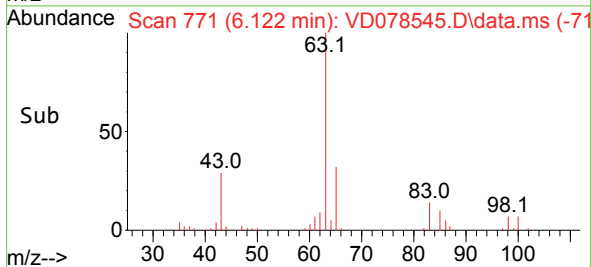
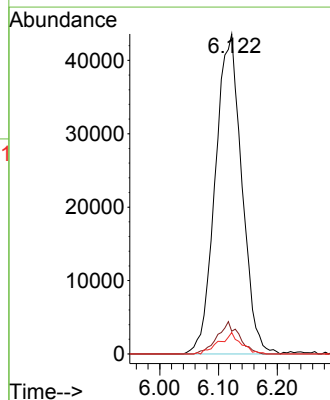
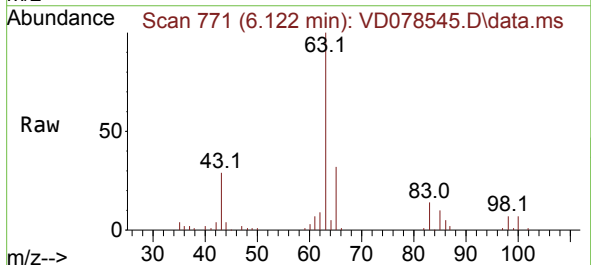
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

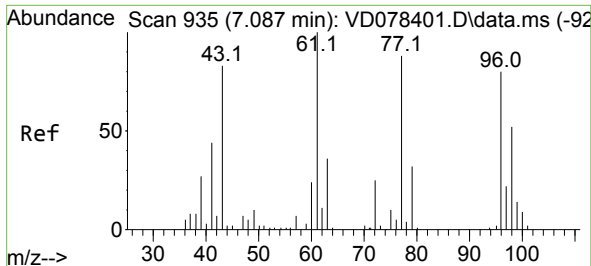
Tgt Ion: 43 Resp: 411993
 Ion Ratio Lower Upper
 43 100
 86 14.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 49.817 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078545.D
 Acq: 26 Feb 2024 10:01

Tgt Ion: 63 Resp: 136446
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 6.7 2.5 7.5

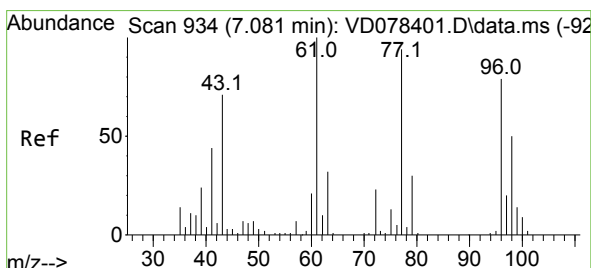
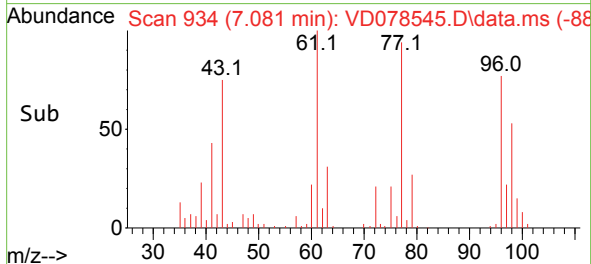
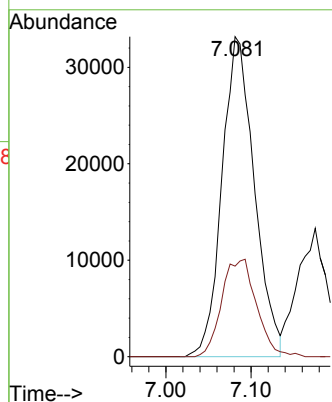
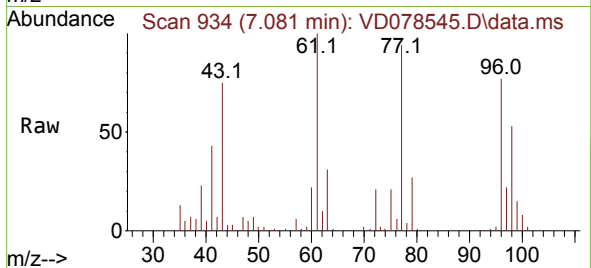




#25
2-Butanone
Concen: 244.810 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

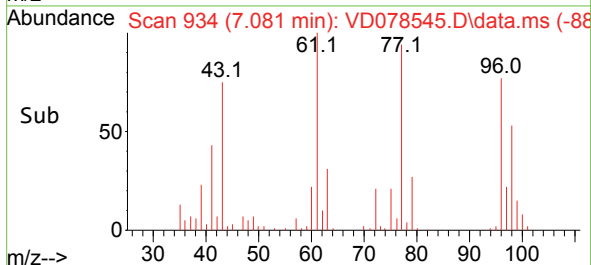
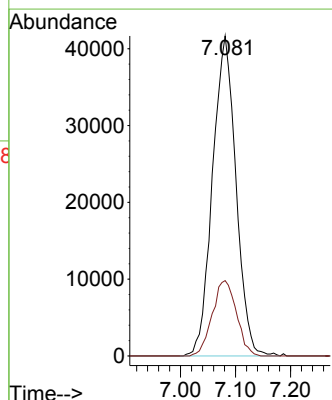
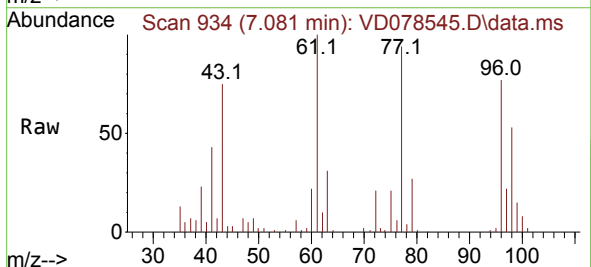
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 87473
Ion Ratio Lower Upper
43 100
72 28.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 53.712 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 77 Resp: 123326
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6



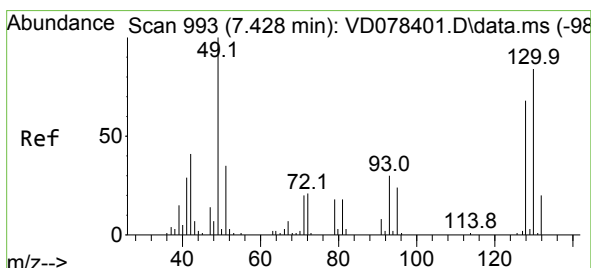
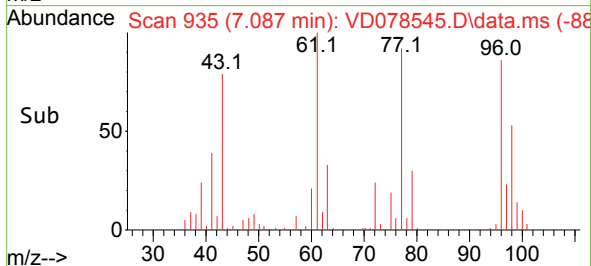
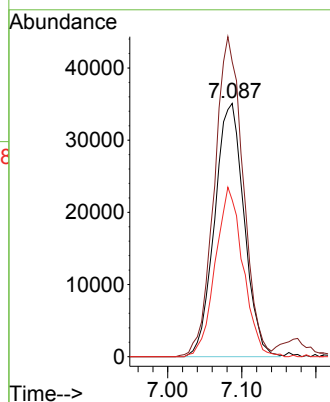
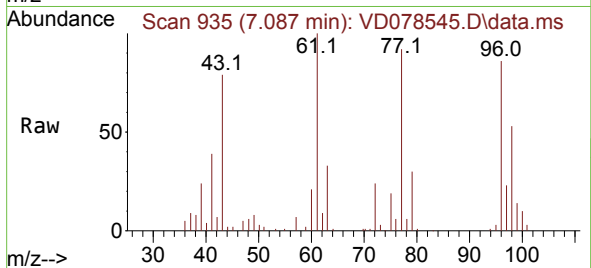


#27
 cis-1,2-Dichloroethene
 Concen: 52.860 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078545.D
 Acq: 26 Feb 2024 10:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 96880

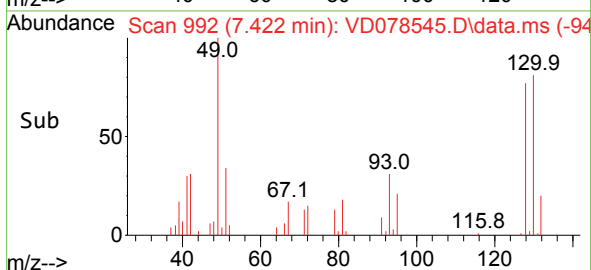
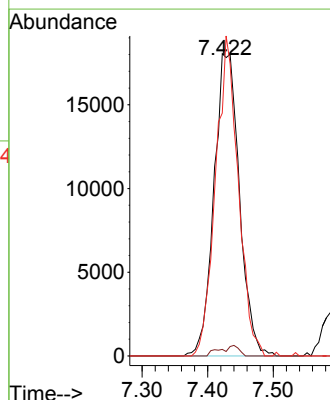
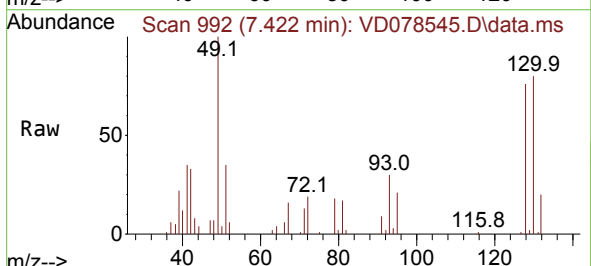
Ion	Ratio	Lower	Upper
96	100		
61	123.5	0.0	239.2
98	63.1	0.0	128.6

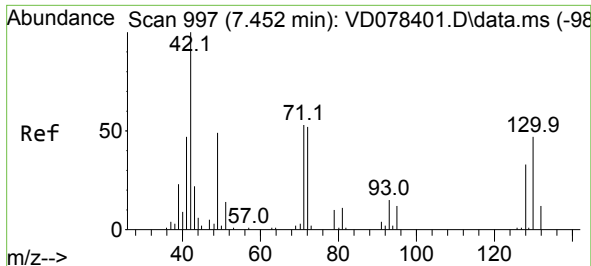


#28
 Bromochloromethane
 Concen: 44.853 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078545.D
 Acq: 26 Feb 2024 10:01

Tgt Ion: 49 Resp: 48658

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	6.0
130	93.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 229.581 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

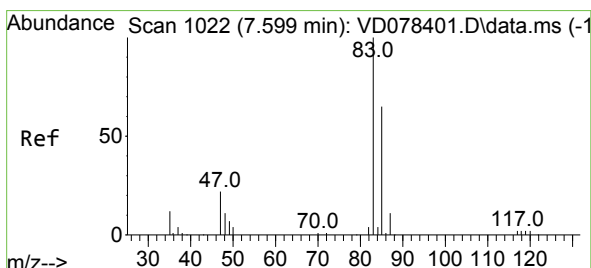
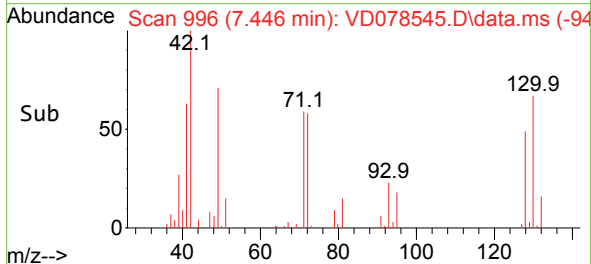
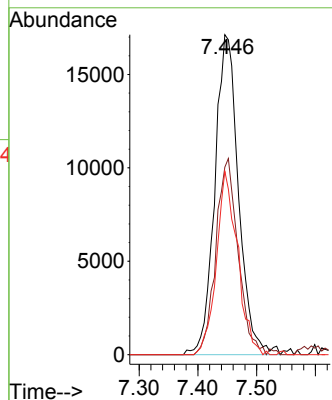
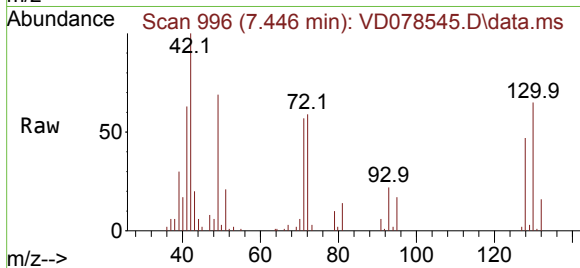
Tgt Ion: 42 Resp: 48086

Ion Ratio Lower Upper

42 100

72 57.4 46.5 69.7

71 51.0 44.5 66.7



#30

Chloroform

Concen: 51.487 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078545.D

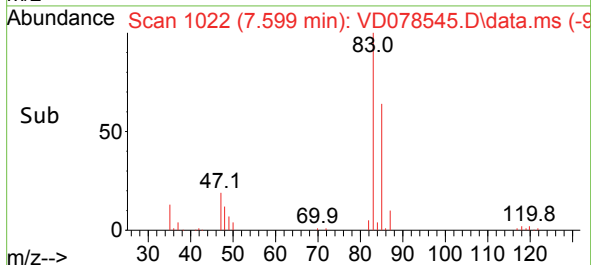
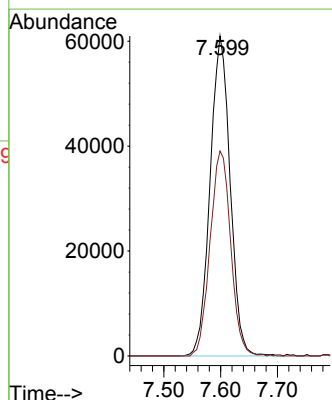
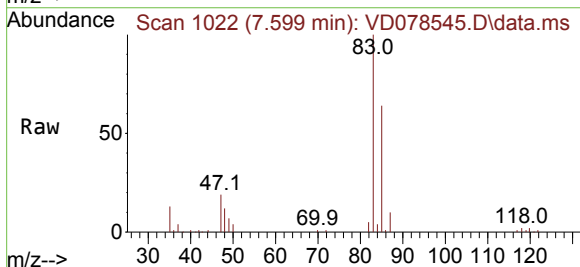
Acq: 26 Feb 2024 10:01

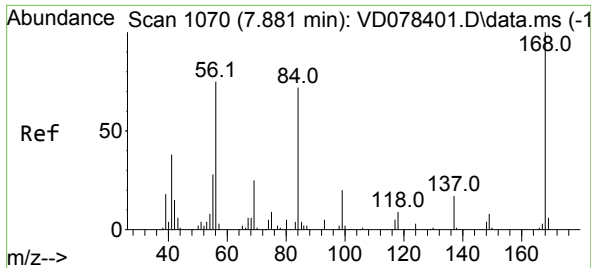
Tgt Ion: 83 Resp: 149206

Ion Ratio Lower Upper

83 100

85 64.1 53.4 80.2

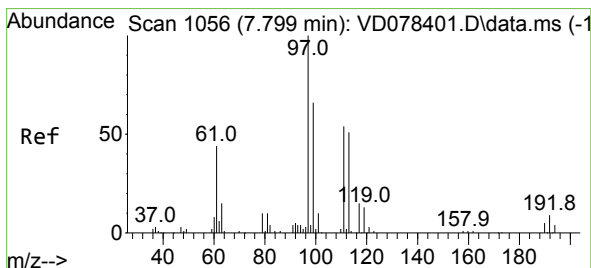
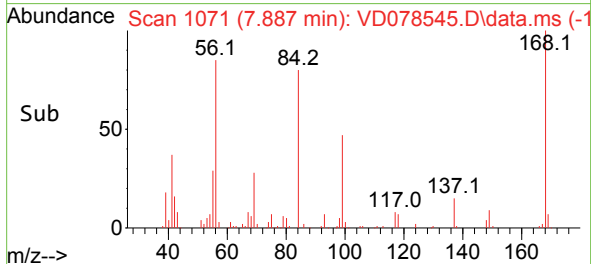
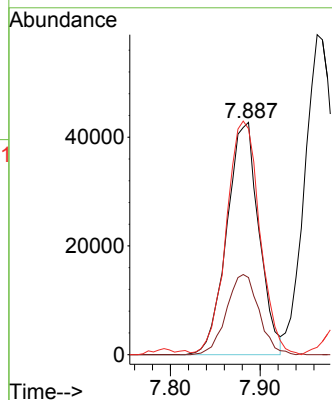
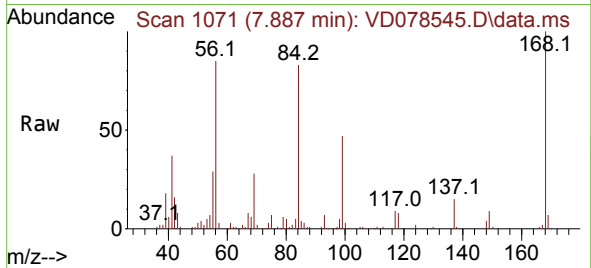




#31
Cyclohexane
Concen: 44.537 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

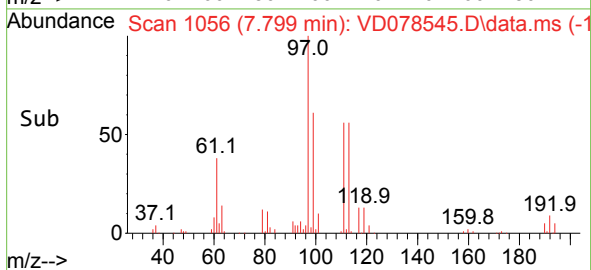
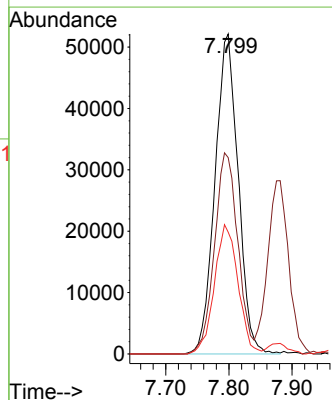
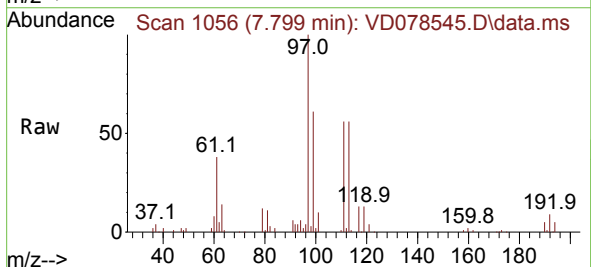
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

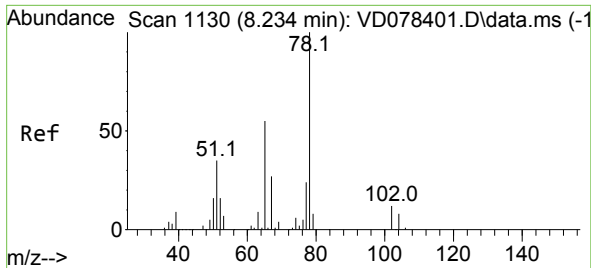
Tgt Ion: 56 Resp: 106108
Ion Ratio Lower Upper
56 100
69 33.2 28.6 43.0
84 95.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 53.824 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 97 Resp: 132985
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 41.2 33.8 50.8

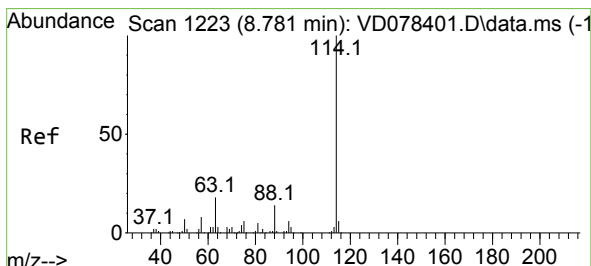
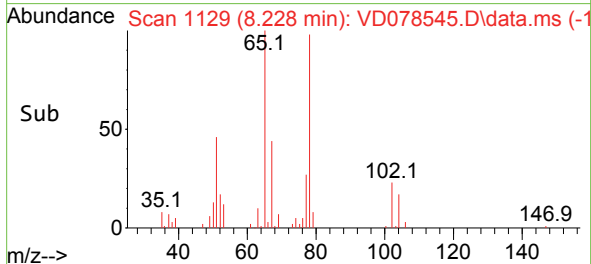
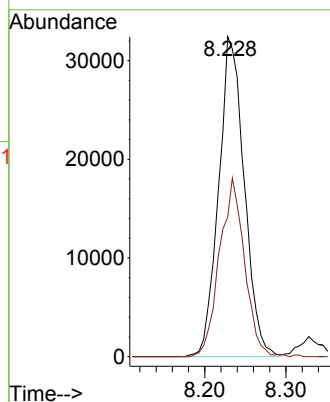
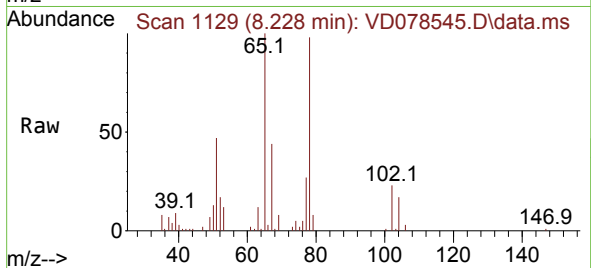




#33
1,2-Dichloroethane-d4
Concen: 50.487 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

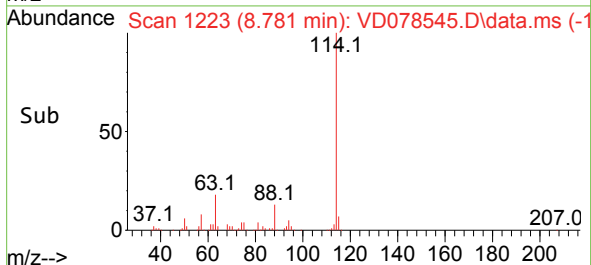
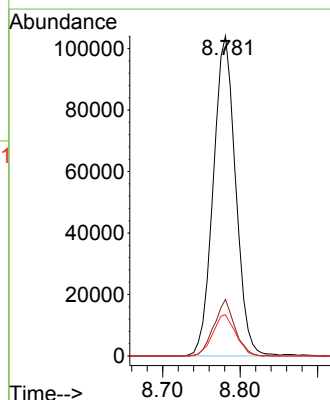
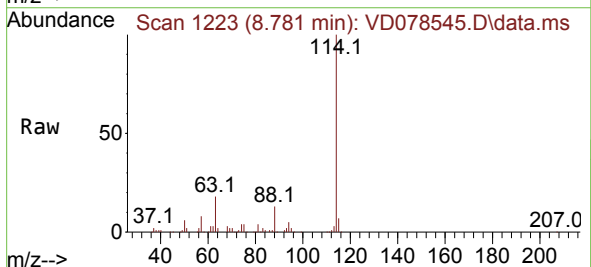
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 71106
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

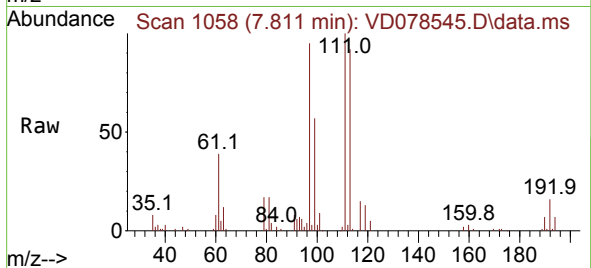
Tgt Ion:114 Resp: 208563
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.4
88 12.9 0.0 26.2



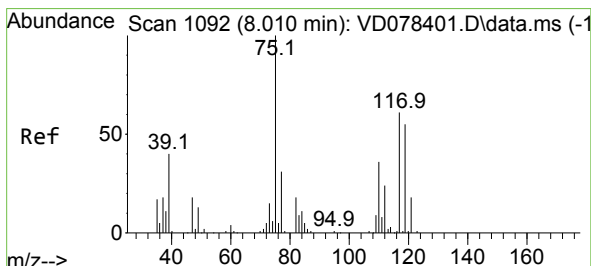
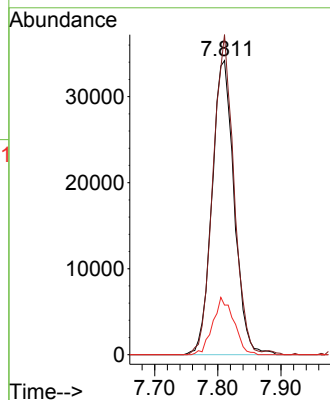
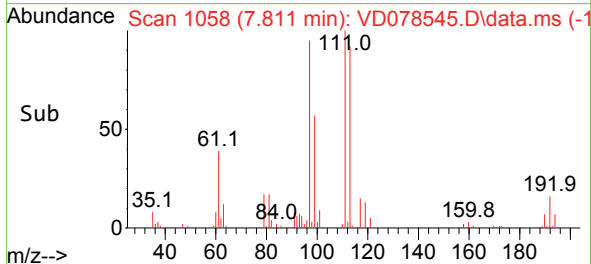


#35
Dibromofluoromethane
Concen: 62.955 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

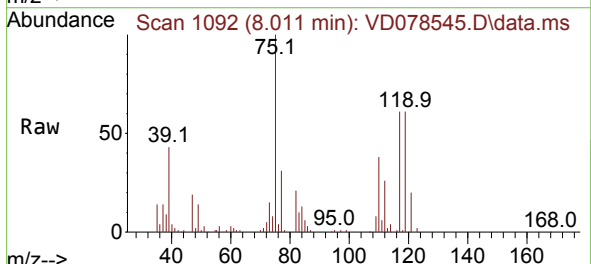
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



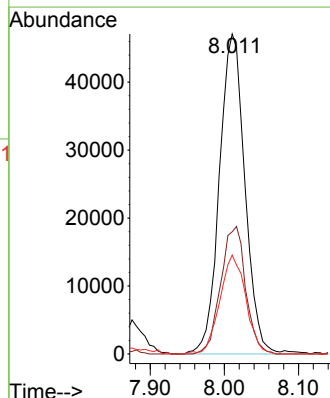
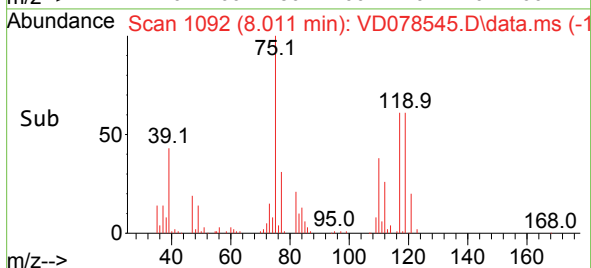
Tgt Ion:113 Resp: 83405
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 18.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 54.540 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01



Tgt Ion: 75 Resp: 112248
Ion Ratio Lower Upper
75 100
110 39.0 19.9 59.6
77 31.5 24.7 37.1

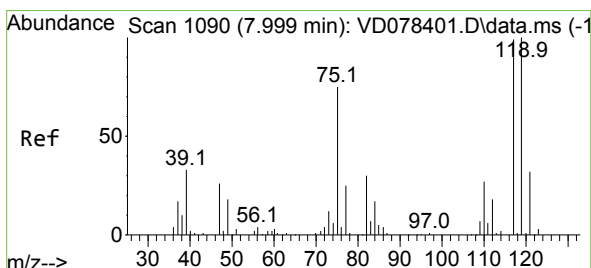
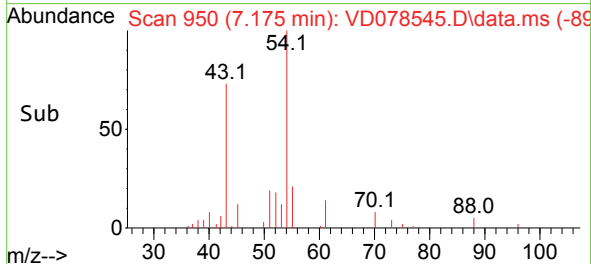
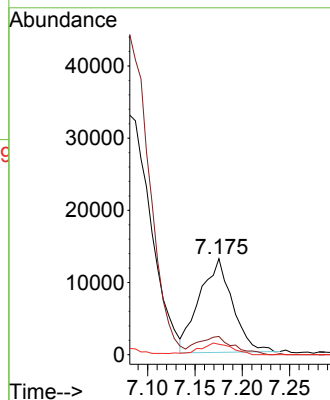
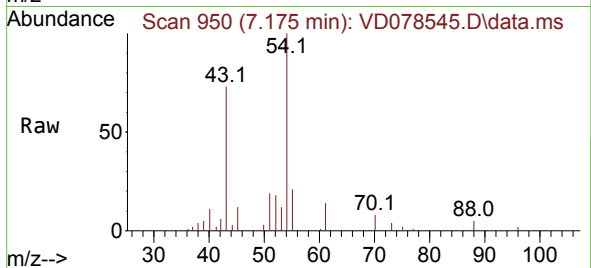




#37
Ethyl Acetate
Concen: 43.545 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

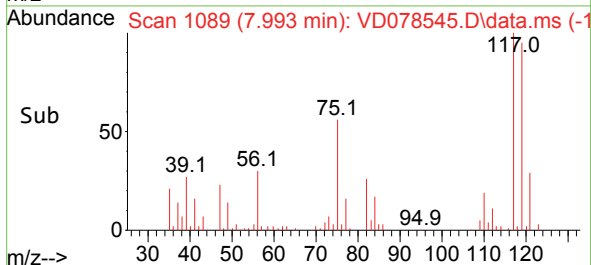
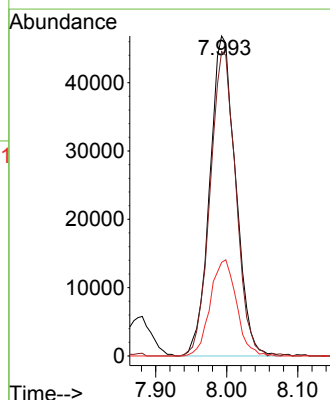
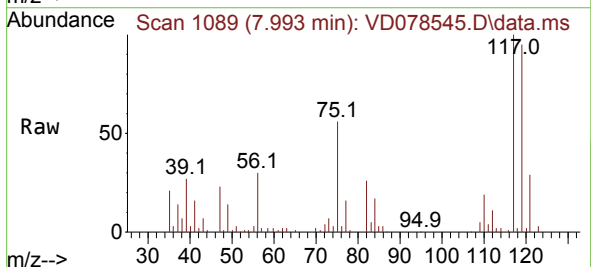
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

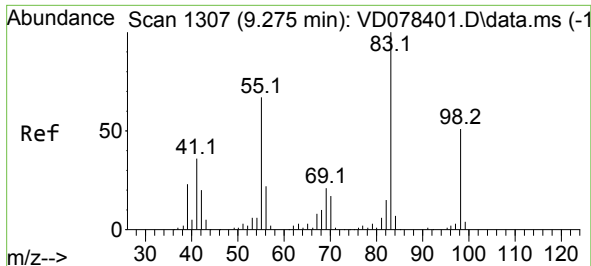
Tgt Ion: 43 Resp: 31416
Ion Ratio Lower Upper
43 100
61 20.8 14.9 22.3
70 12.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 57.988 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 117 Resp: 118190
Ion Ratio Lower Upper
117 100
119 95.1 78.0 117.0
121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 53.219 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

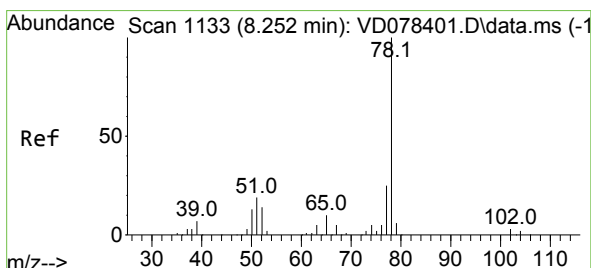
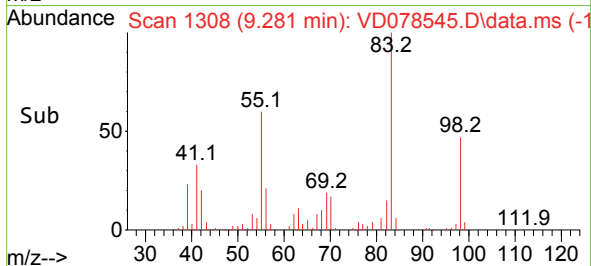
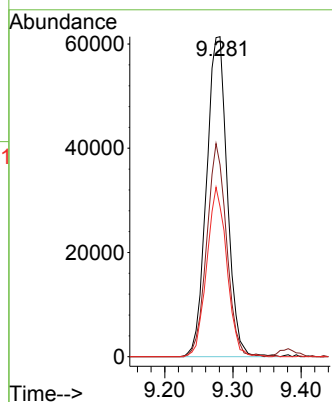
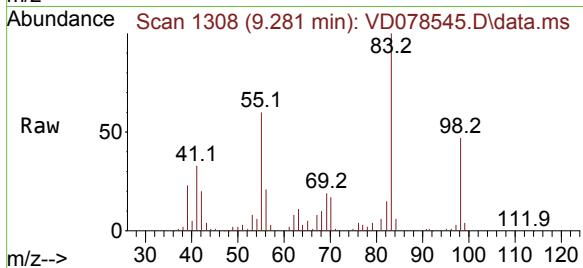
Tgt Ion: 83 Resp: 130031

Ion Ratio Lower Upper

83 100

55 59.9 49.4 74.0

98 46.9 38.4 57.6



#40

Benzene

Concen: 56.086 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078545.D

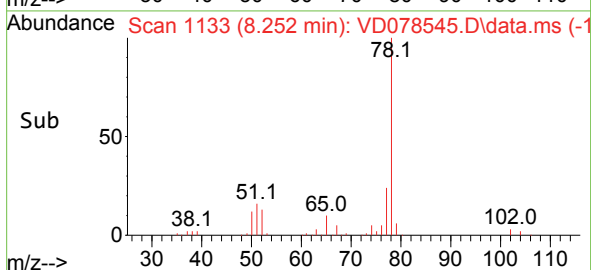
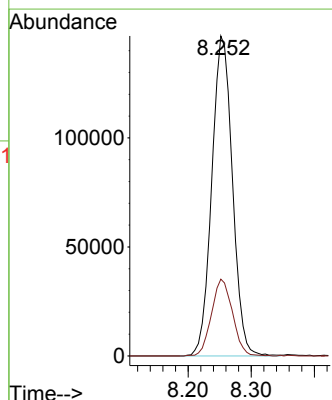
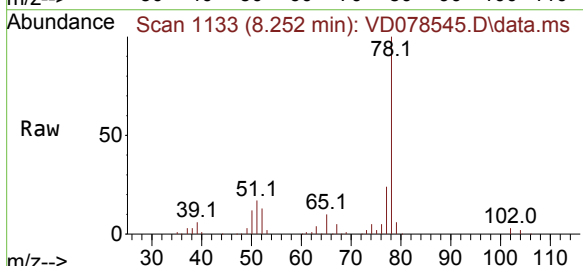
Acq: 26 Feb 2024 10:01

Tgt Ion: 78 Resp: 333645

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

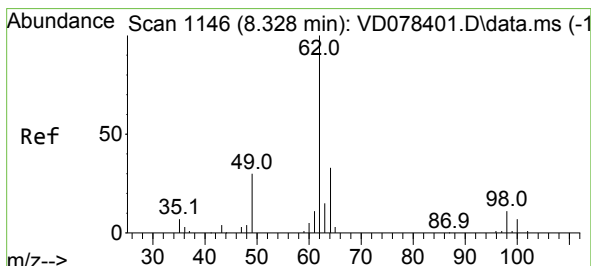
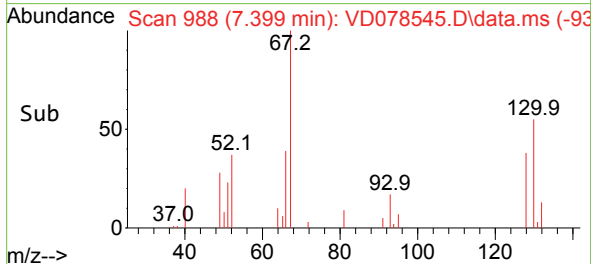
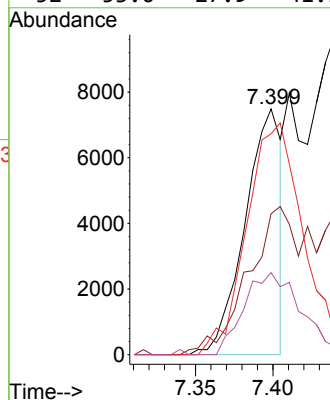
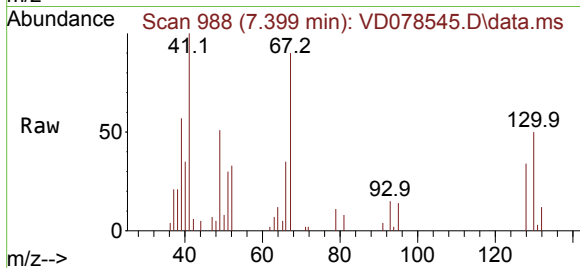




#41
Methacrylonitrile
Concen: 32.634 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

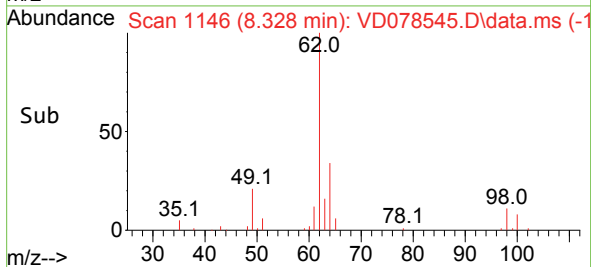
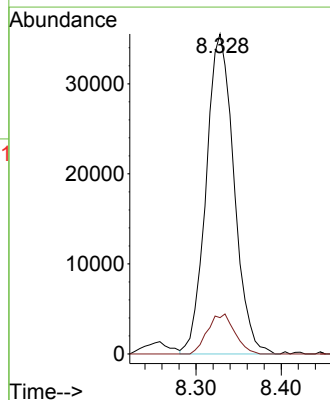
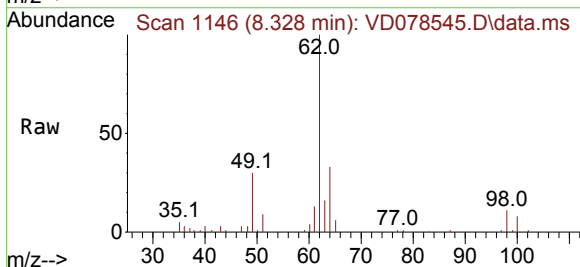
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

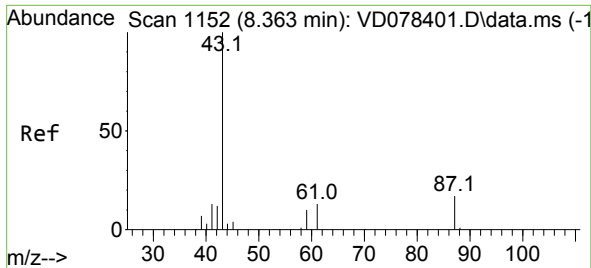
Tgt Ion: 41 Resp: 12253
Ion Ratio Lower Upper
41 100
39 78.6 34.0 51.0#
67 147.4 77.0 115.4#
52 53.0 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 52.421 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 62 Resp: 80689
Ion Ratio Lower Upper
62 100
98 12.2 0.0 25.4

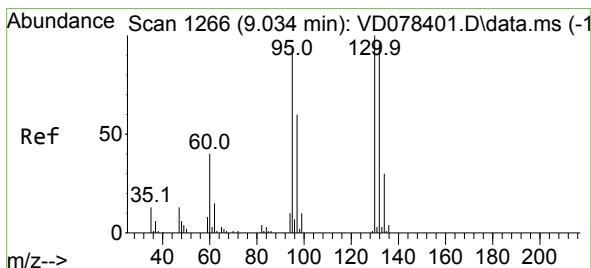
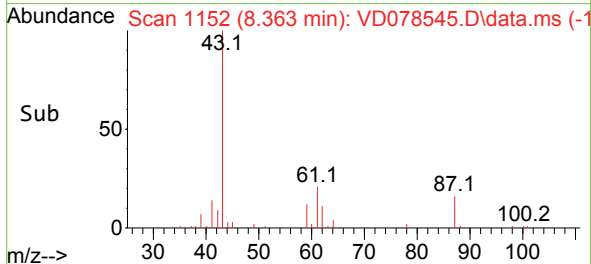
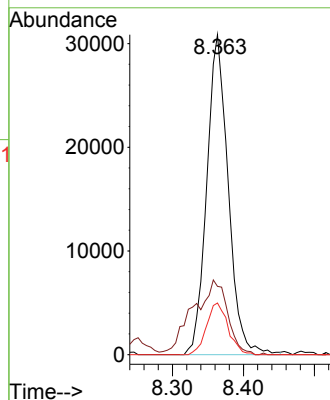
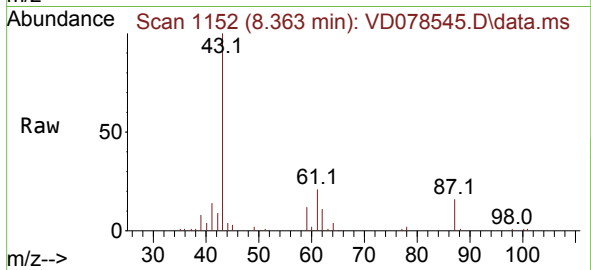




#43
Isopropyl Acetate
Concen: 48.496 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

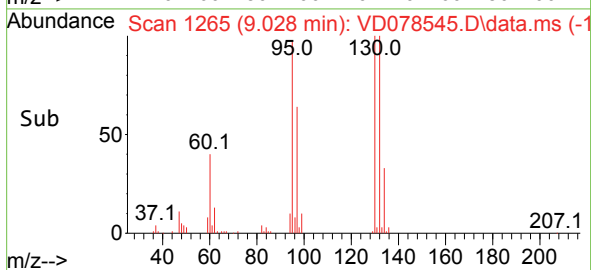
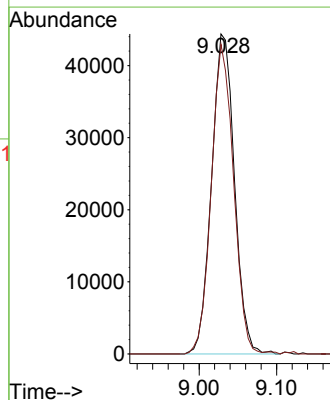
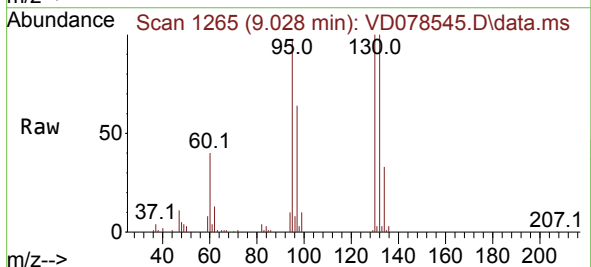
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

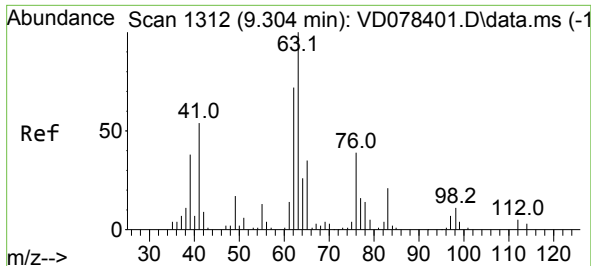
Tgt Ion: 43 Resp: 64788
Ion Ratio Lower Upper
43 100
61 37.7 31.4 47.0
87 16.3 14.9 22.3



#44
Trichloroethene
Concen: 60.000 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:130 Resp: 91059
Ion Ratio Lower Upper
130 100
95 96.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.341 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

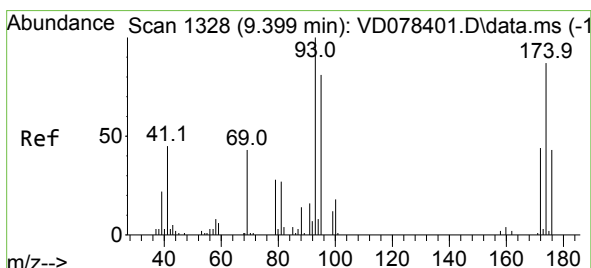
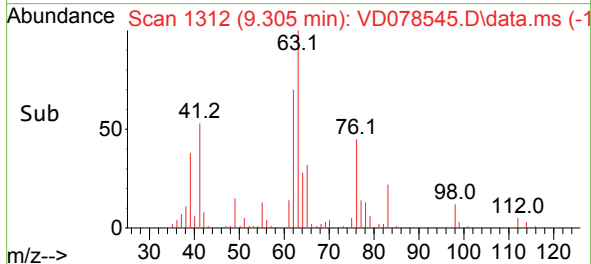
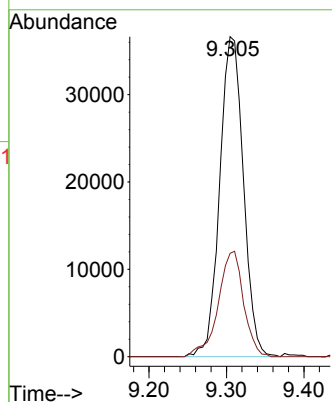
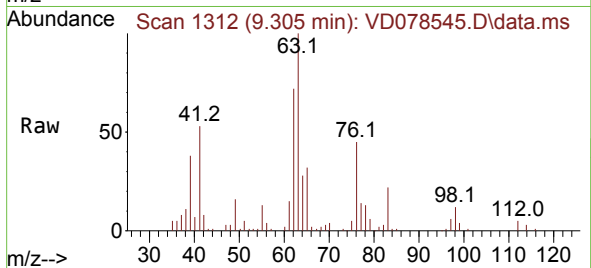
VSTDCCC050

Tgt Ion: 63 Resp: 77854

Ion Ratio Lower Upper

63 100

65 32.3 24.5 36.7



#46

Dibromomethane

Concen: 55.107 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

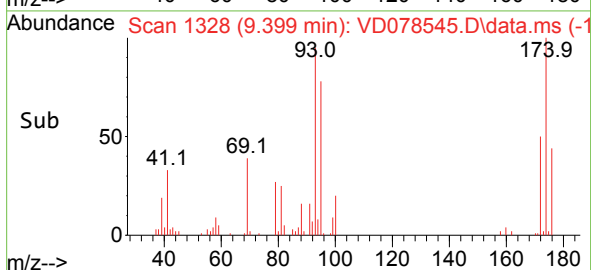
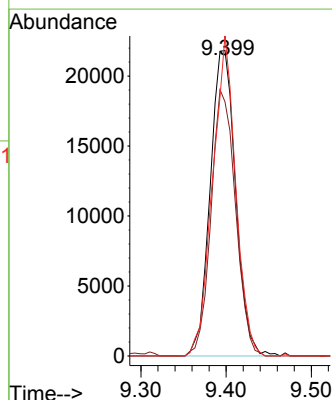
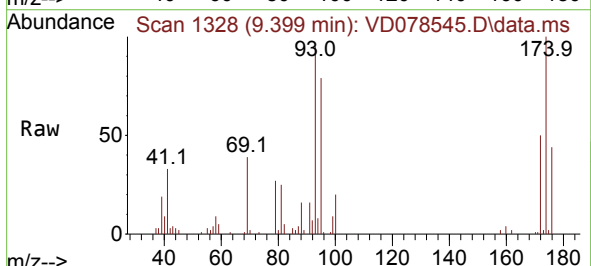
Tgt Ion: 93 Resp: 45241

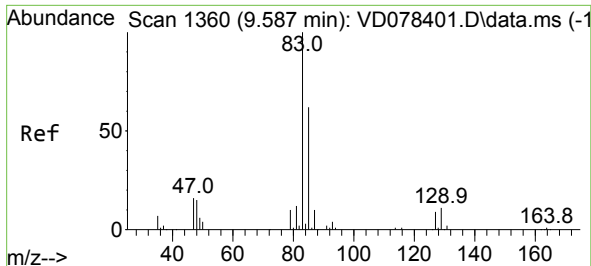
Ion Ratio Lower Upper

93 100

95 84.0 67.7 101.5

174 95.4 85.4 128.2

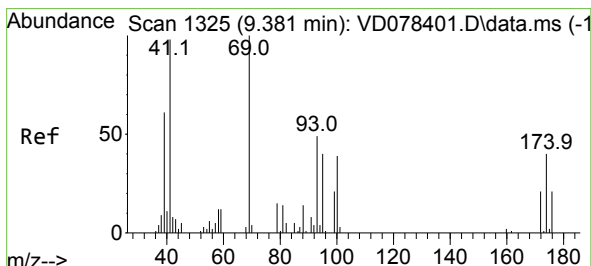
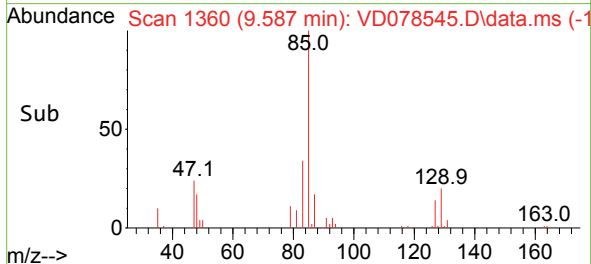
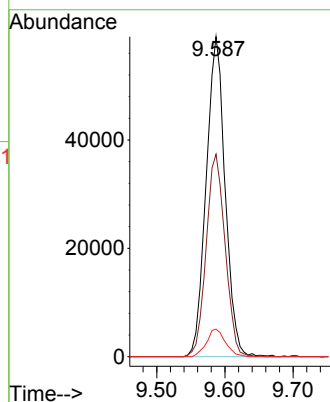
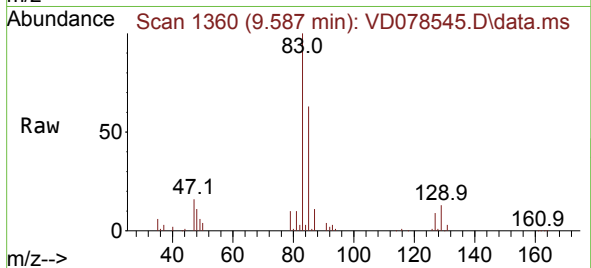




#47
Bromodichloromethane
Concen: 56.157 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

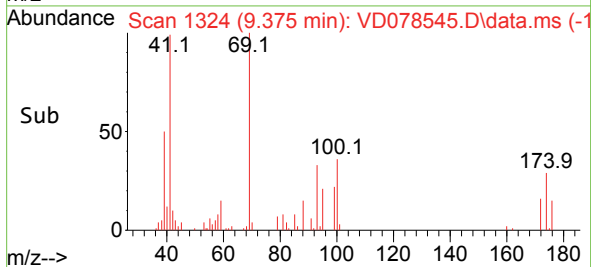
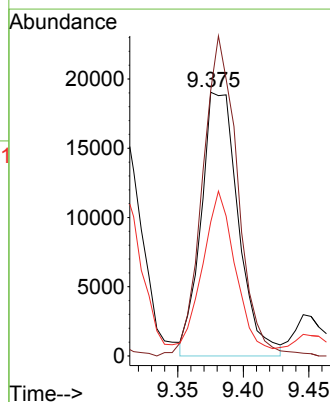
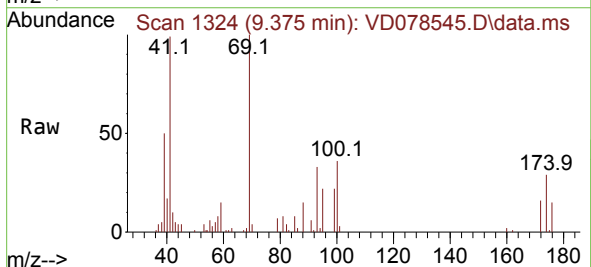
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 114190
Ion Ratio Lower Upper
83 100
85 63.3 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 53.090 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 41 Resp: 37629
Ion Ratio Lower Upper
41 100
69 114.7 102.2 153.2
39 51.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1059.536 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

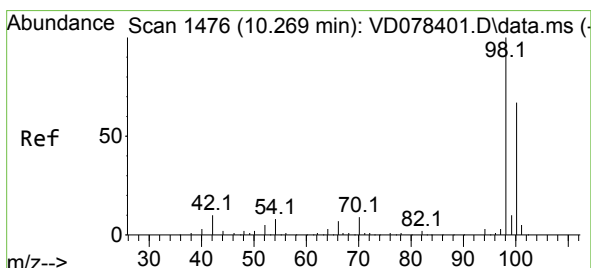
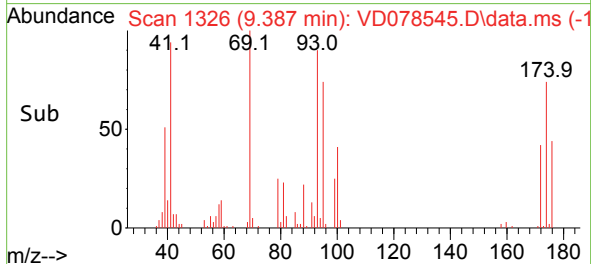
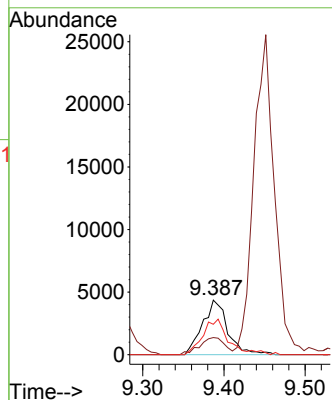
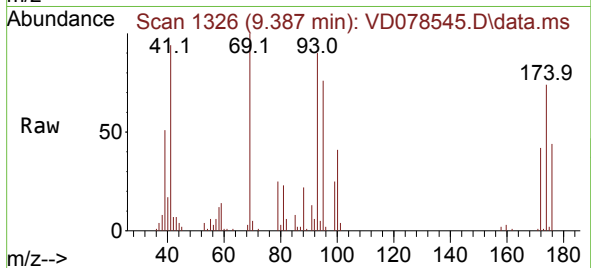
Tgt Ion: 88 Resp: 9420

Ion Ratio Lower Upper

88 100

43 31.1 19.0 28.6#

58 62.4 43.5 65.3



#50

Toluene-d8

Concen: 61.112 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078545.D

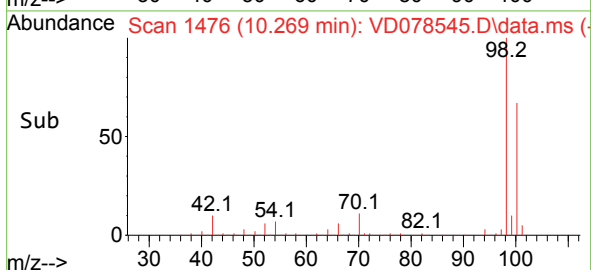
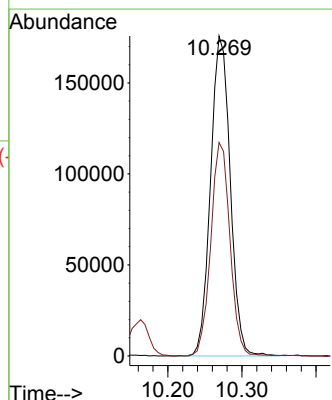
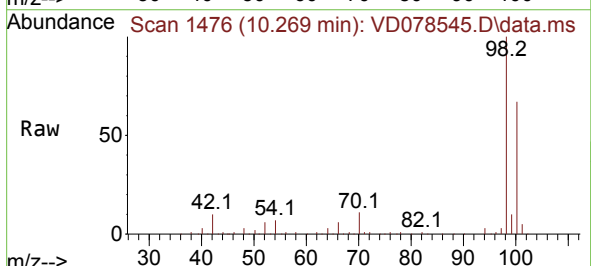
Acq: 26 Feb 2024 10:01

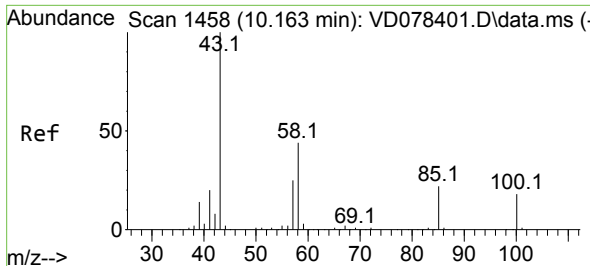
Tgt Ion: 98 Resp: 323875

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5

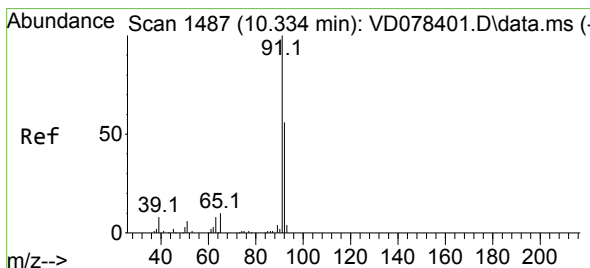
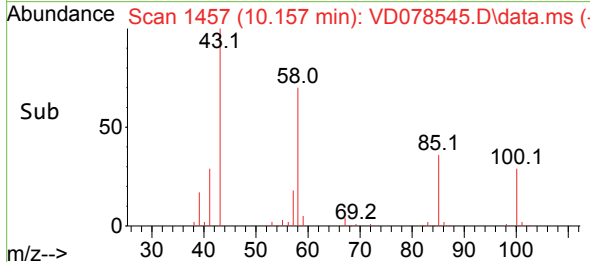
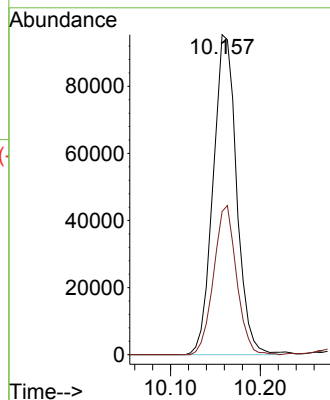
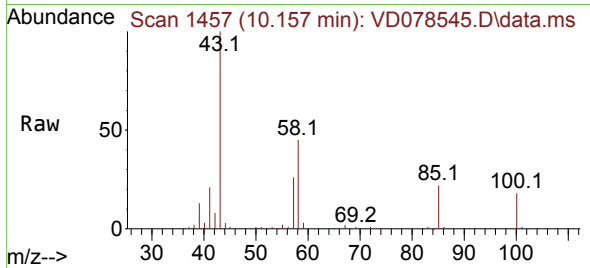




#51
4-Methyl-2-Pentanone
Concen: 244.915 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

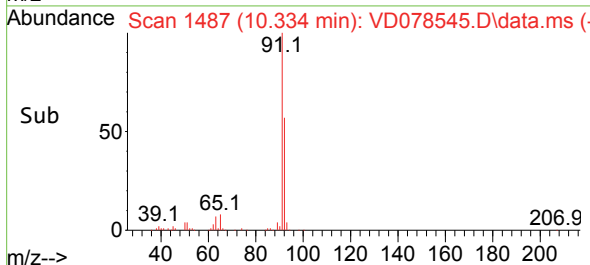
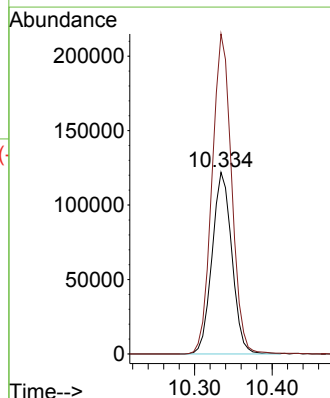
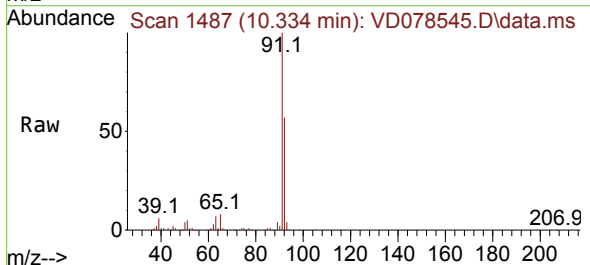
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

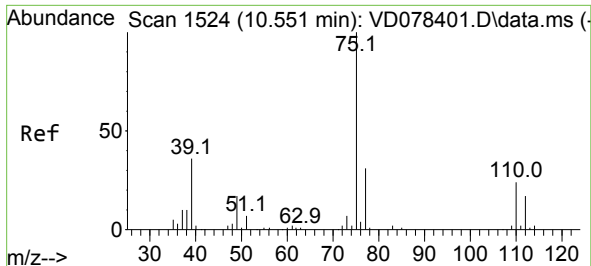
Tgt Ion: 43 Resp: 173659
Ion Ratio Lower Upper
43 100
58 45.4 38.9 58.3



#52
Toluene
Concen: 57.559 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 92 Resp: 216531
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.4

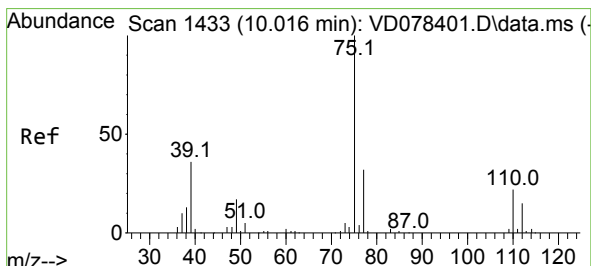
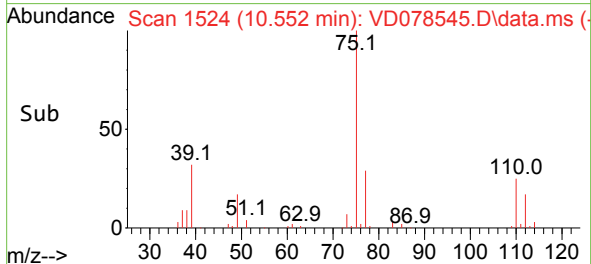
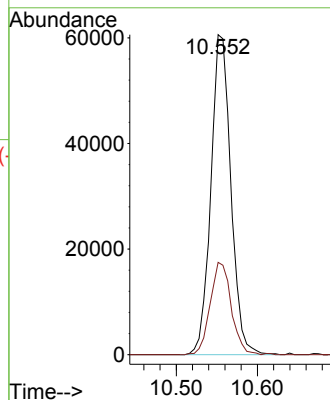
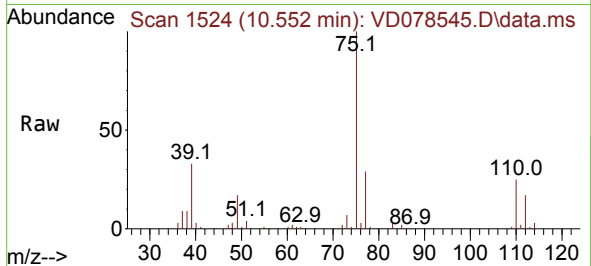




#53
t-1,3-Dichloropropene
Concen: 55.855 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

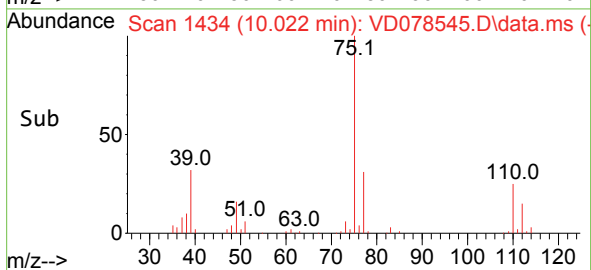
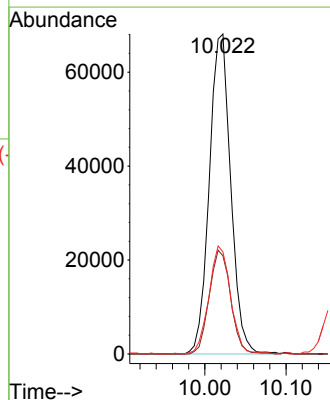
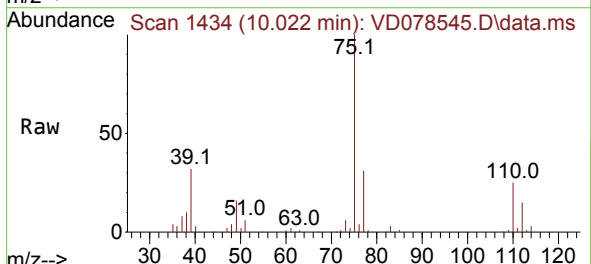
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

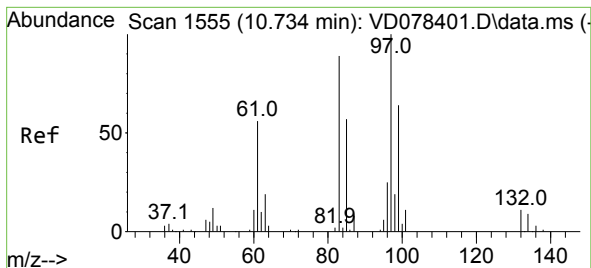
Tgt Ion: 75 Resp: 103633
Ion Ratio Lower Upper
75 100
77 28.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 55.520 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 75 Resp: 124911
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 31.9 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 55.656 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 61532

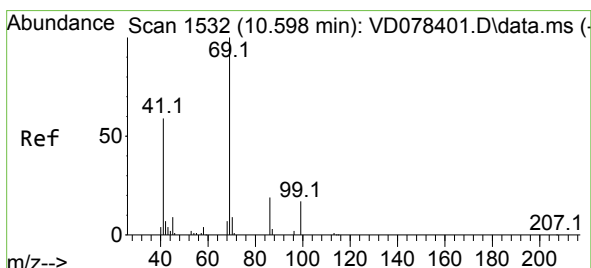
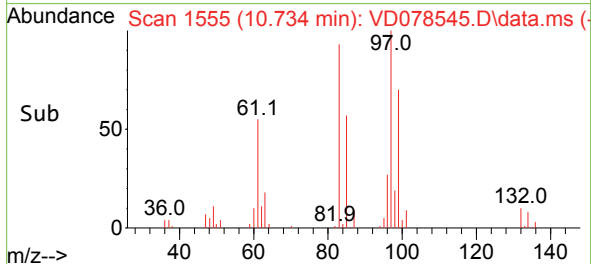
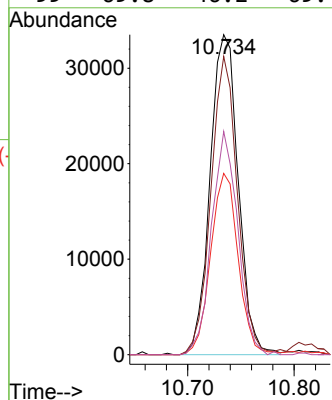
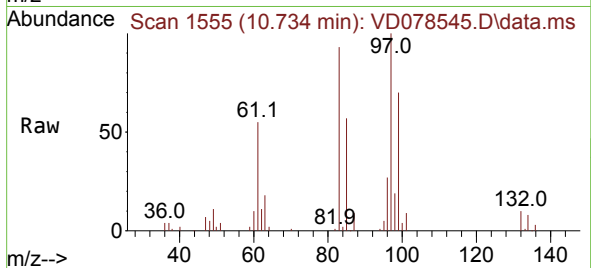
Ion Ratio Lower Upper

97 100

83 93.2 65.8 98.6

85 56.7 45.7 68.5

99 69.8 46.2 69.4#



#56

Ethyl methacrylate

Concen: 46.553 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

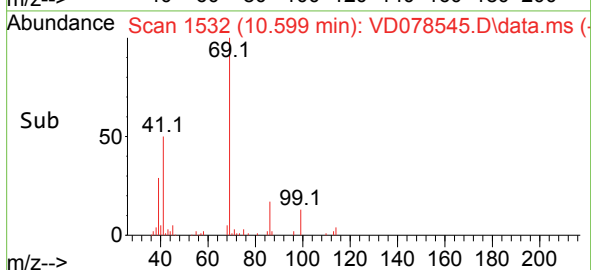
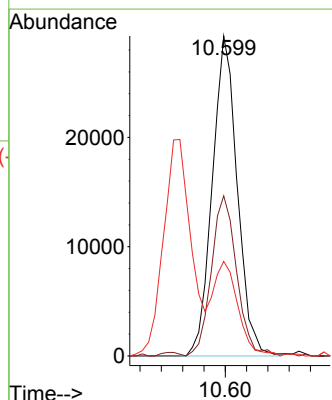
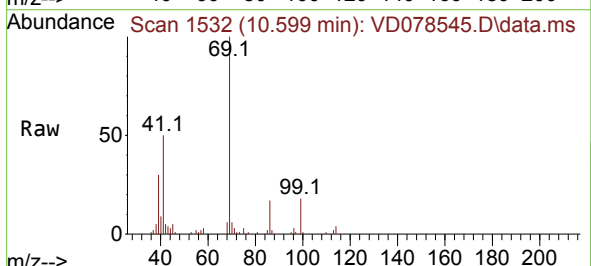
Tgt Ion: 69 Resp: 47601

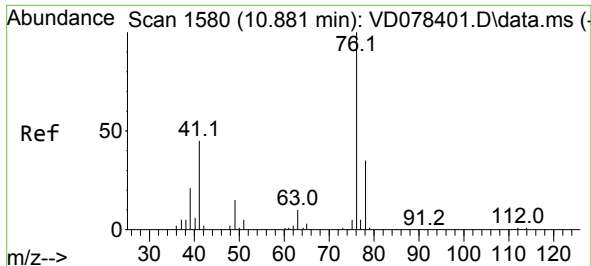
Ion Ratio Lower Upper

69 100

41 51.2 39.1 58.7

39 29.6 20.0 30.0





#57

1,3-Dichloropropane

Concen: 54.067 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

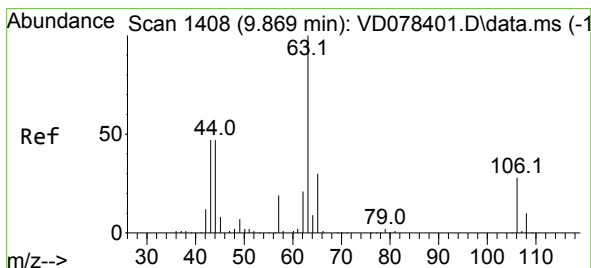
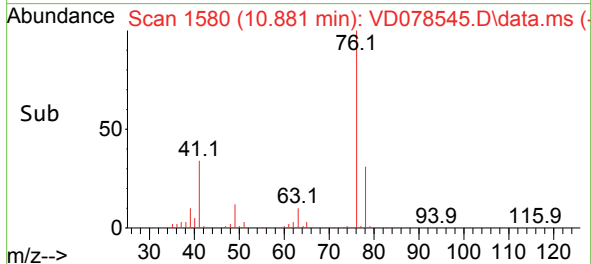
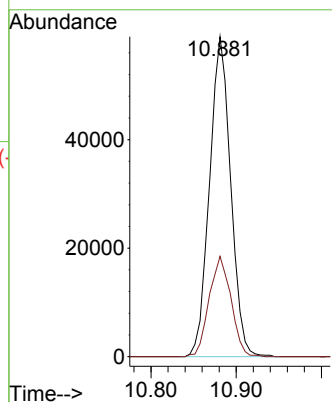
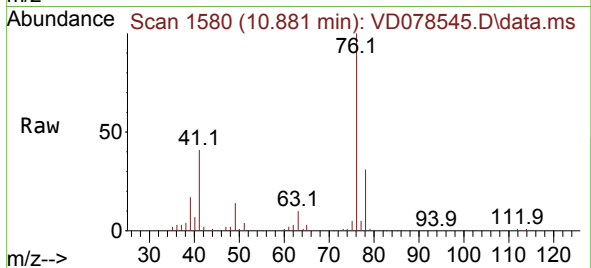
VSTDCCC050

Tgt Ion: 76 Resp: 101682

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.571 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078545.D

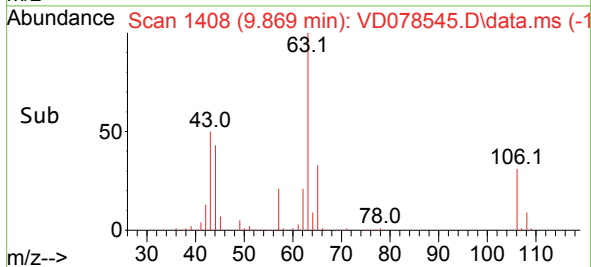
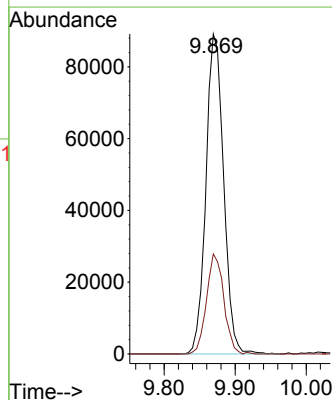
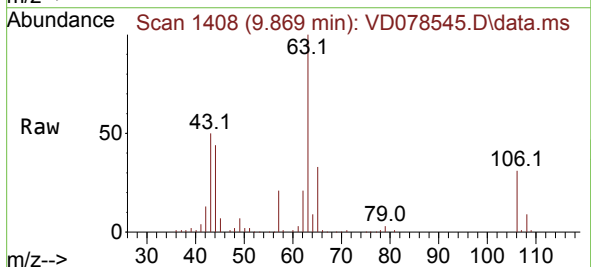
Acq: 26 Feb 2024 10:01

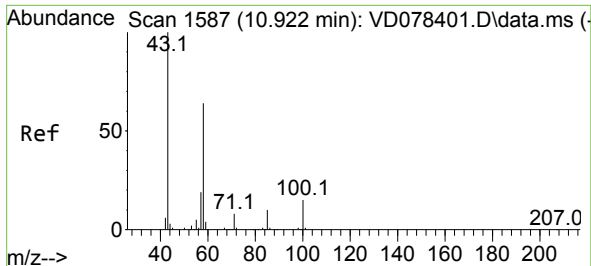
Tgt Ion: 63 Resp: 154532

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

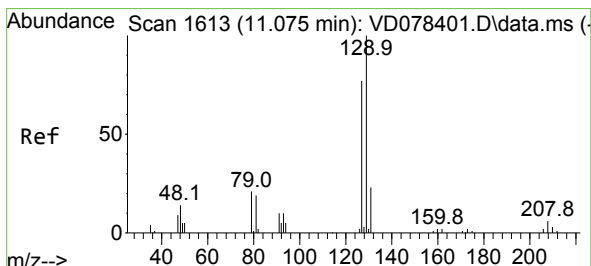
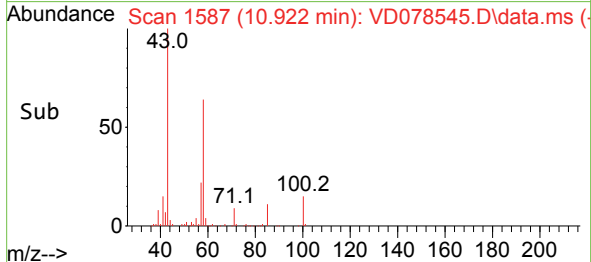
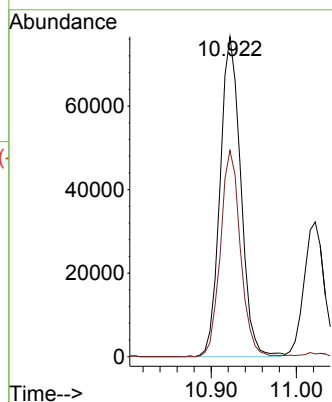
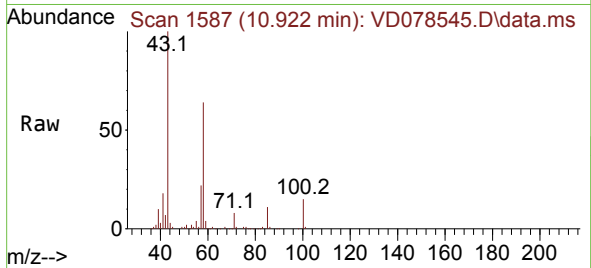




#59
2-Hexanone
Concen: 242.131 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

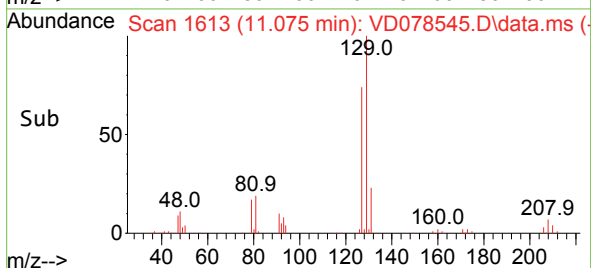
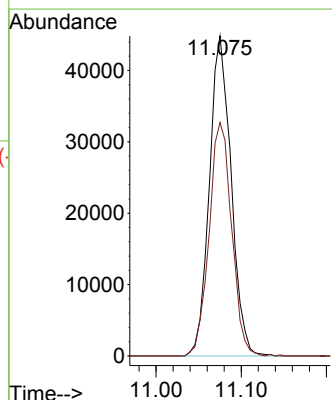
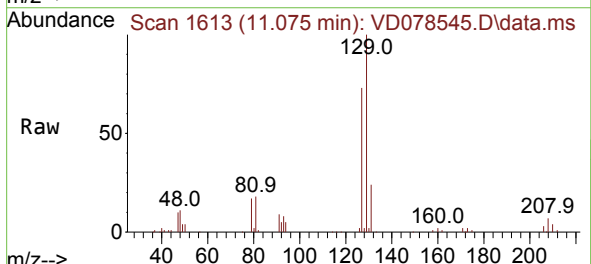
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

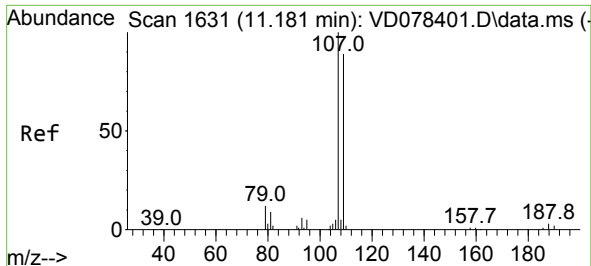
Tgt Ion: 43 Resp: 129023
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2



#60
Dibromochloromethane
Concen: 59.762 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 129 Resp: 79496
Ion Ratio Lower Upper
129 100
127 75.6 37.1 111.5

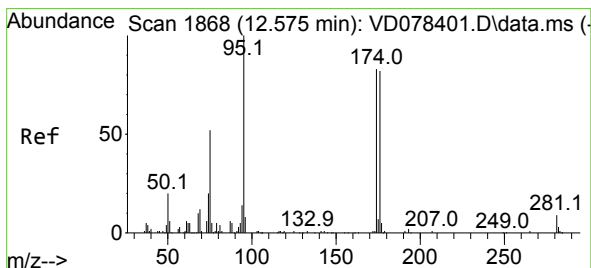
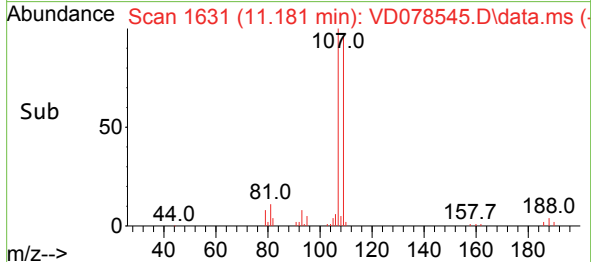
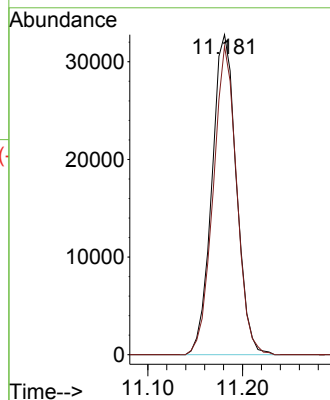
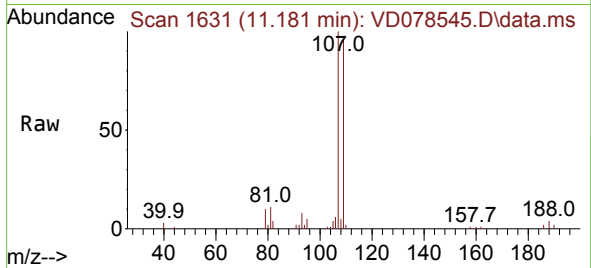




#61
1,2-Dibromoethane
Concen: 56.602 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

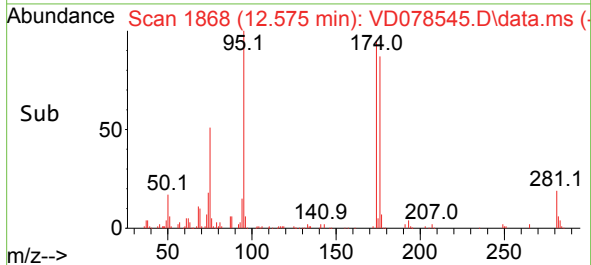
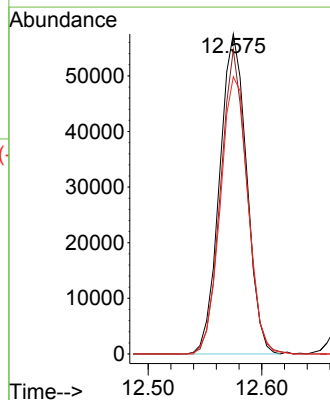
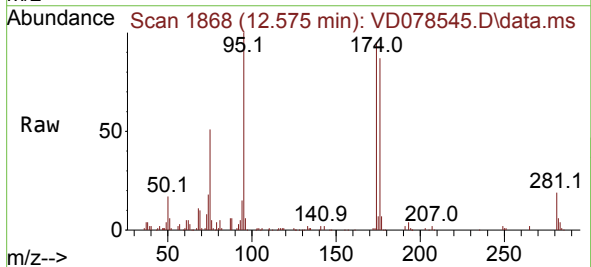
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

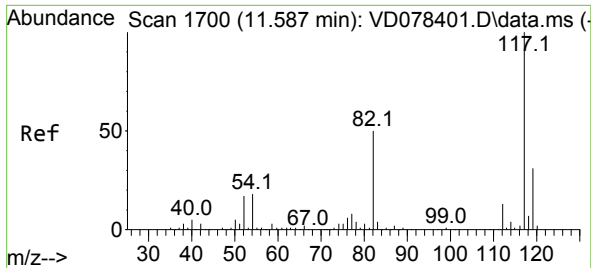
Tgt Ion:107 Resp: 58749
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 61.672 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 95 Resp: 95112
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 88.9 0.0 191.8

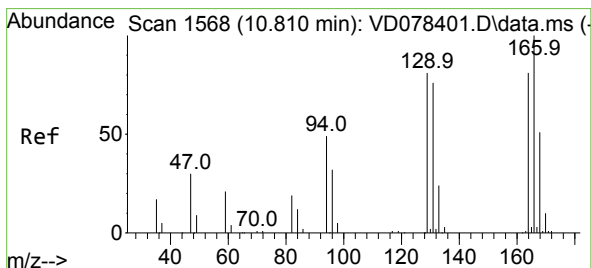
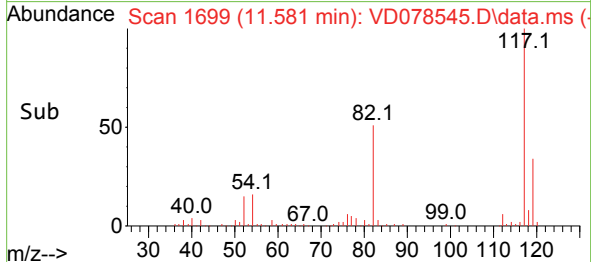
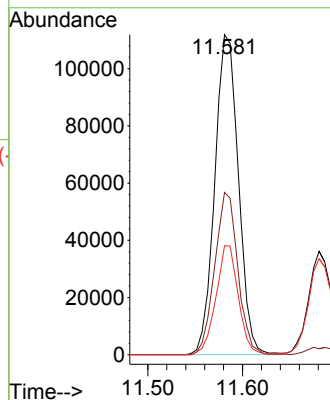
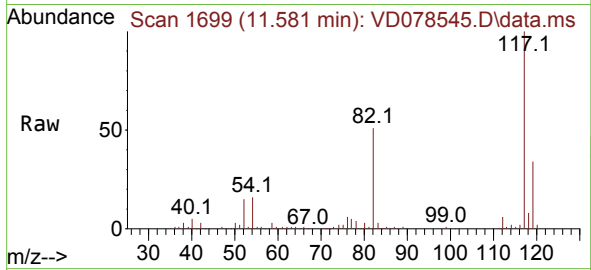




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

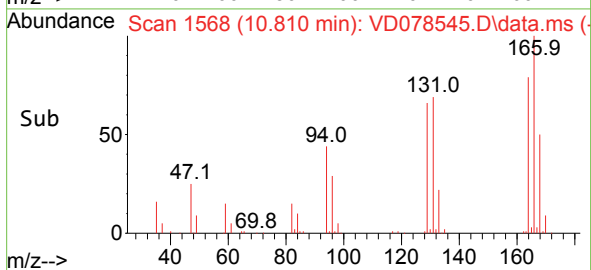
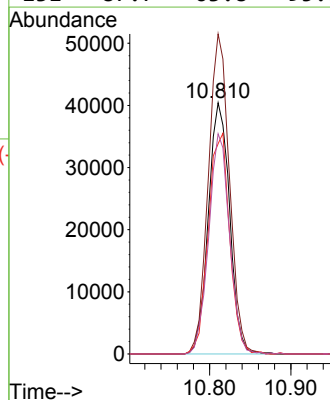
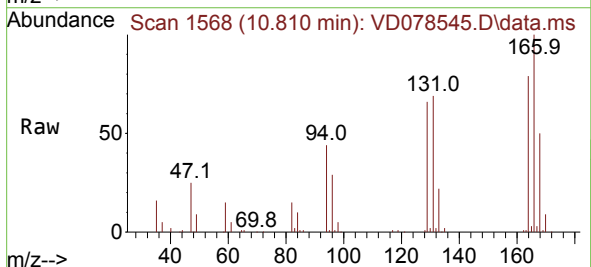
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

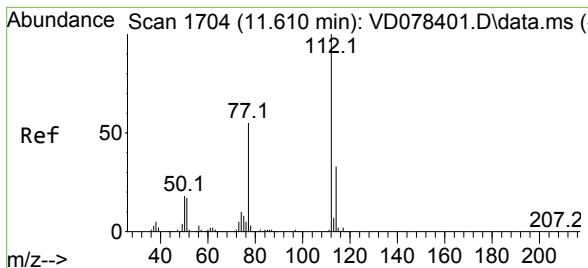
Tgt Ion:117 Resp: 194223
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 34.1 25.0 37.4



#64
Tetrachloroethene
Concen: 59.885 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:164 Resp: 73465
Ion Ratio Lower Upper
164 100
166 127.4 99.2 148.8
129 83.7 68.4 102.6
131 87.7 63.8 95.8

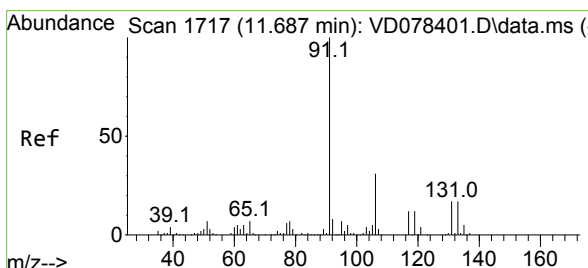
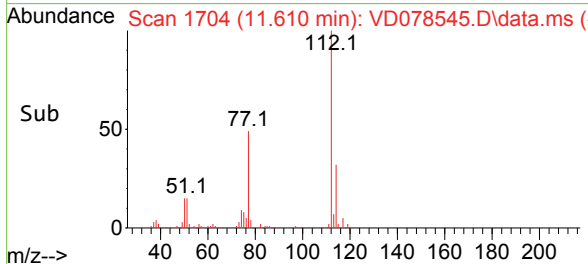
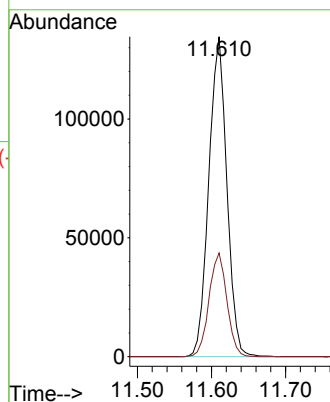
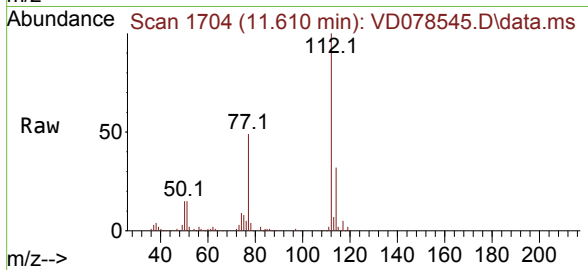




#65
Chlorobenzene
Concen: 58.258 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

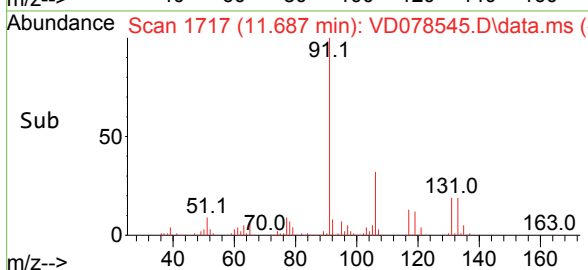
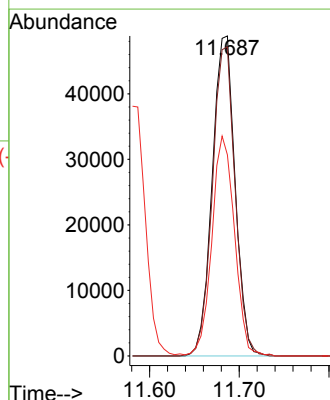
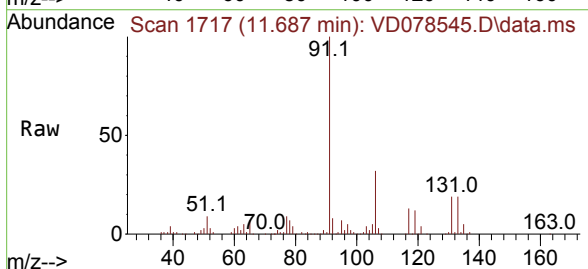
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

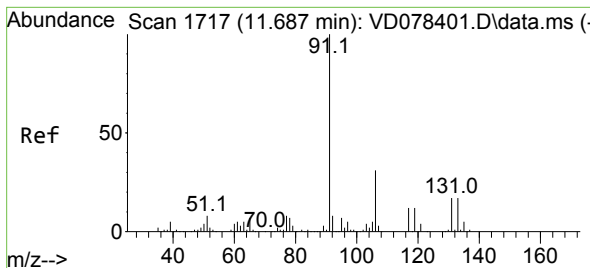
Tgt Ion:112 Resp: 227475
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 60.397 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:131 Resp: 86666
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.5
119 67.8 35.6 106.9

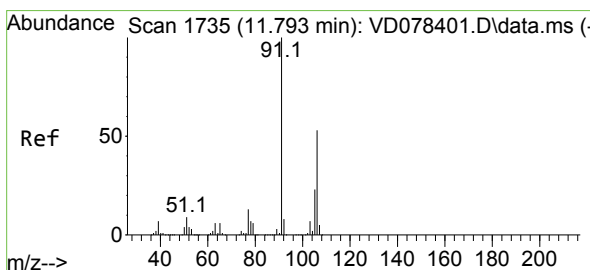
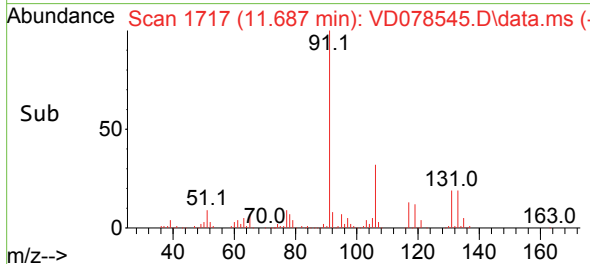
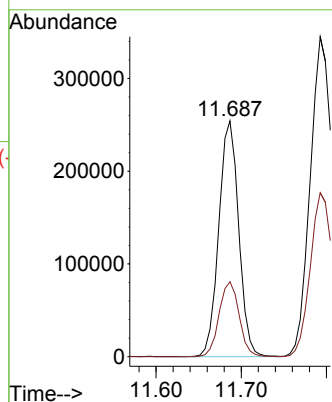
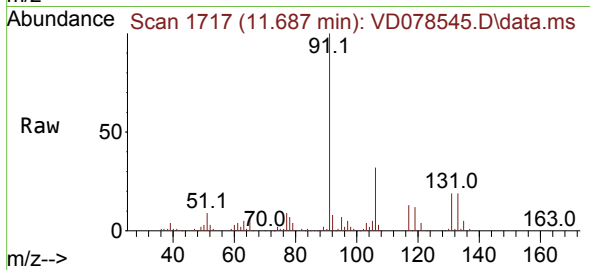




#67
Ethyl Benzene
Concen: 59.055 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

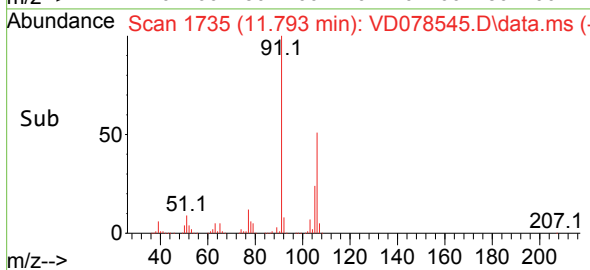
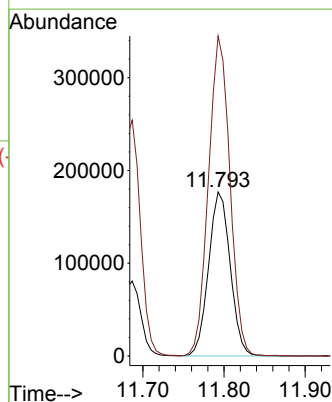
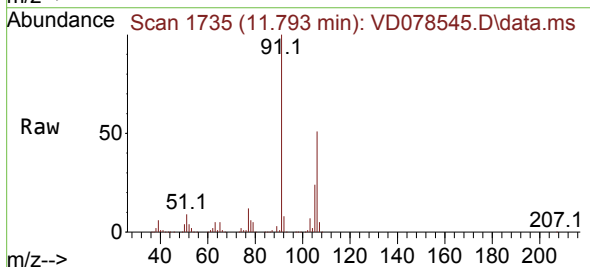
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

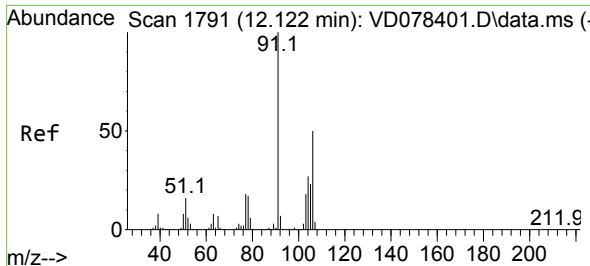
Tgt Ion: 91 Resp: 413157
Ion Ratio Lower Upper
91 100
106 31.8 26.5 39.7



#68
m/p-Xylenes
Concen: 119.950 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:106 Resp: 327337
Ion Ratio Lower Upper
106 100
91 193.7 147.0 220.6

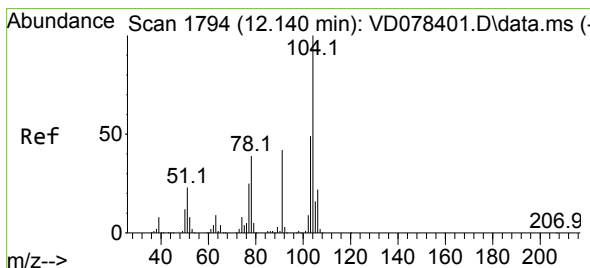
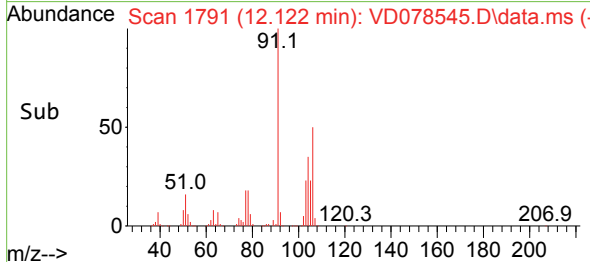
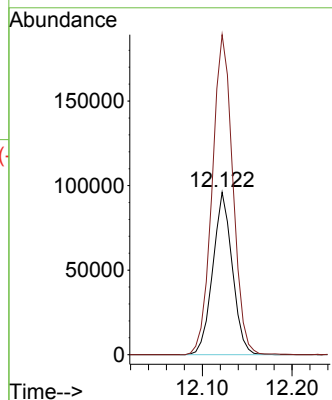
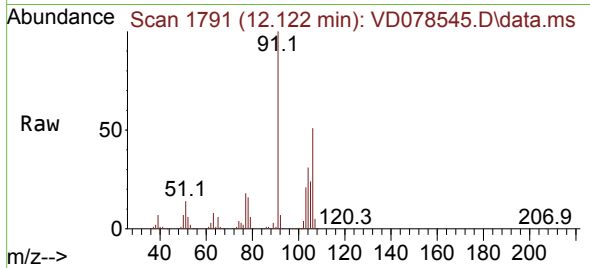




#69
o-Xylene
Concen: 58.200 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

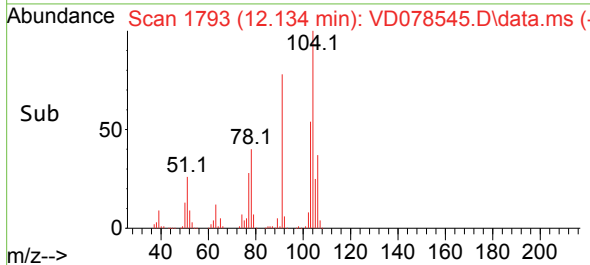
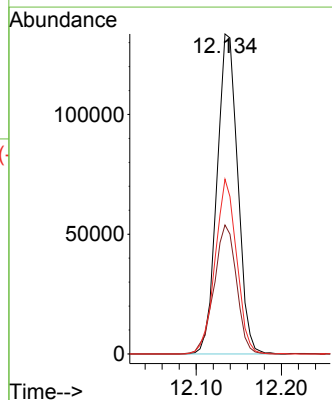
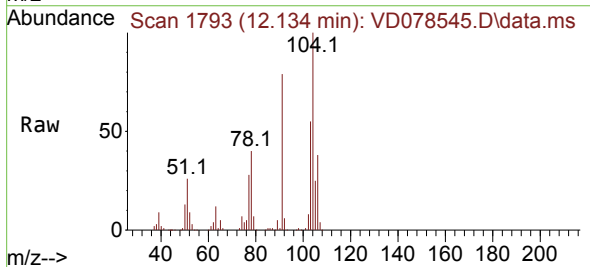
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

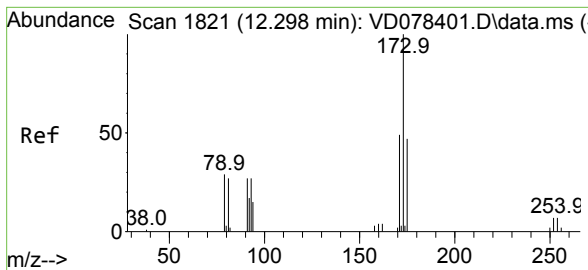
Tgt Ion:106 Resp: 144939
Ion Ratio Lower Upper
106 100
91 208.7 97.9 293.6



#70
Styrene
Concen: 55.739 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:104 Resp: 226542
Ion Ratio Lower Upper
104 100
78 43.5 33.2 49.8
103 56.5 43.6 65.4

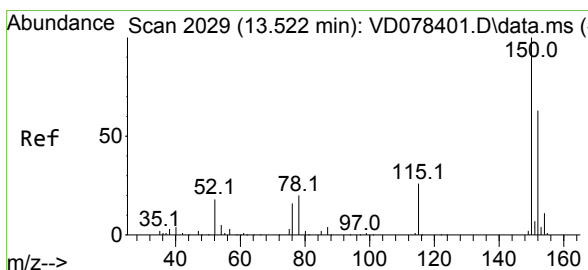
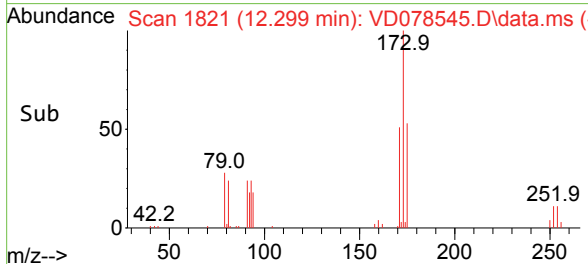
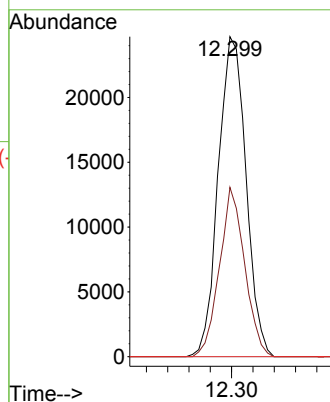
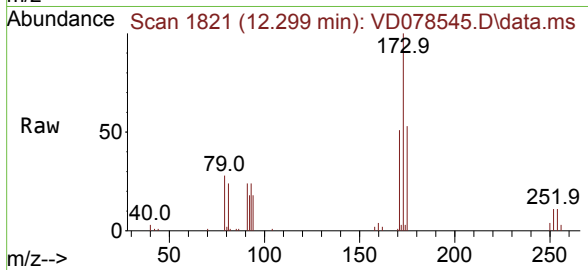




#71
Bromoform
Concen: 59.066 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

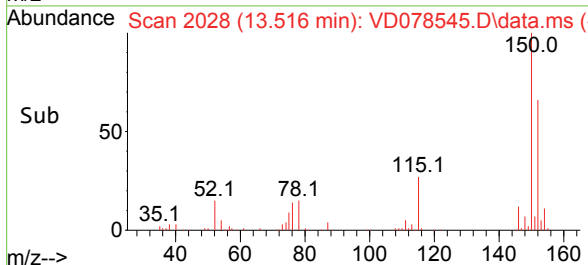
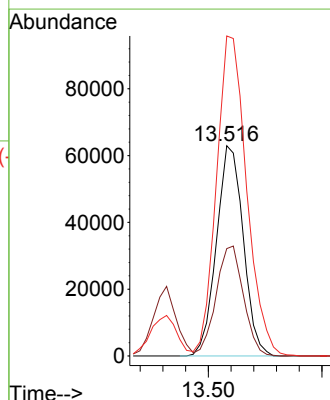
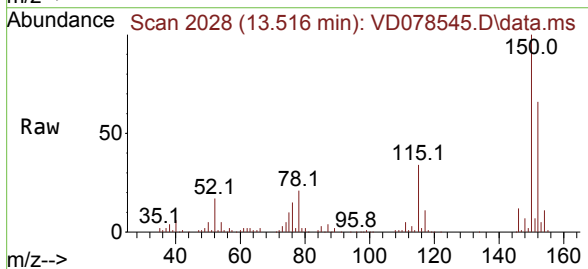
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

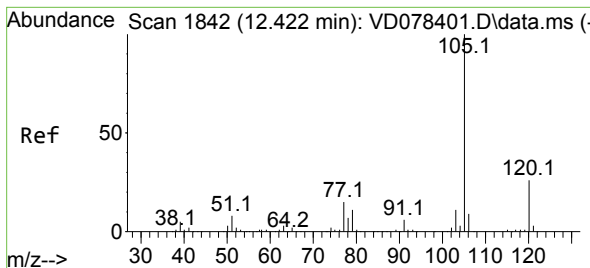
Tgt Ion:173 Resp: 44611
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:152 Resp: 103238
Ion Ratio Lower Upper
152 100
115 53.5 27.1 81.3
150 171.3 0.0 353.6





#73

Isopropylbenzene

Concen: 57.280 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

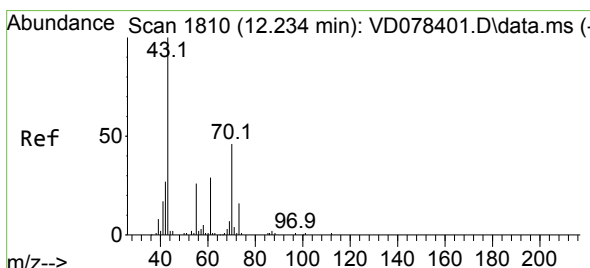
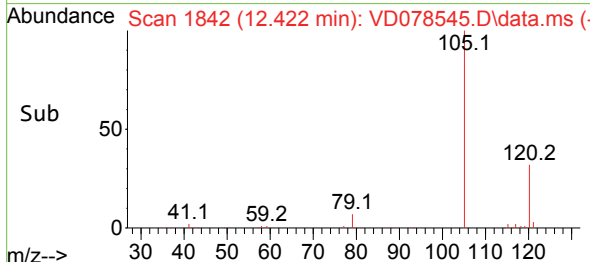
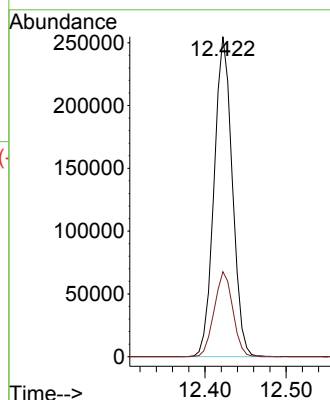
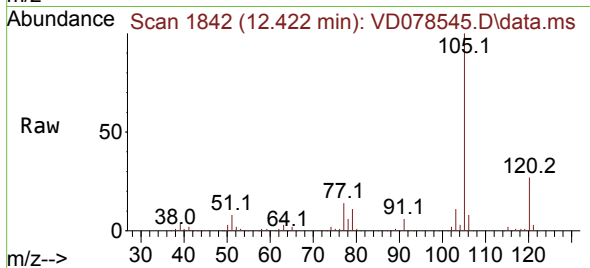
VSTDCCC050

Tgt Ion:105 Resp: 397087

Ion Ratio Lower Upper

105 100

120 27.1 14.3 42.9



#74

N-ethyl acetate

Concen: 45.128 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Tgt Ion: 43 Resp: 59184

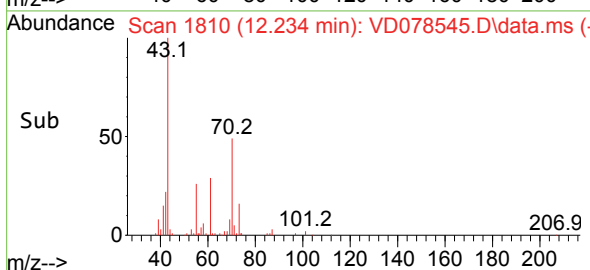
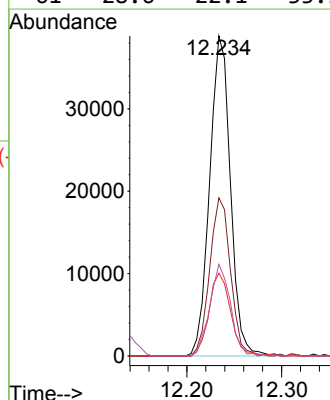
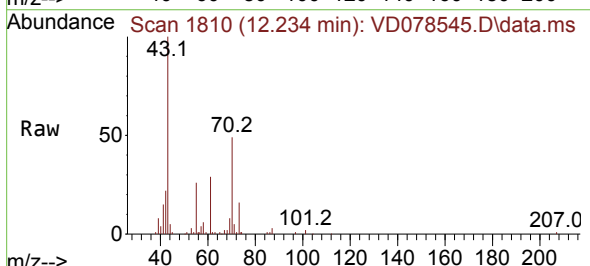
Ion Ratio Lower Upper

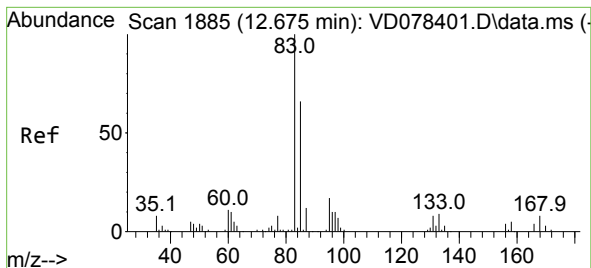
43 100

70 49.5 45.0 67.4

55 26.8 23.8 35.6

61 28.6 22.1 33.1

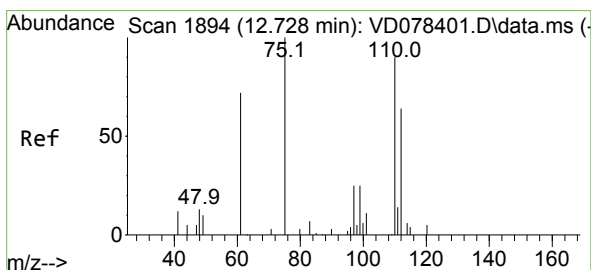
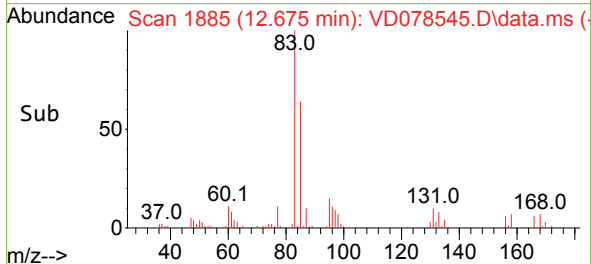
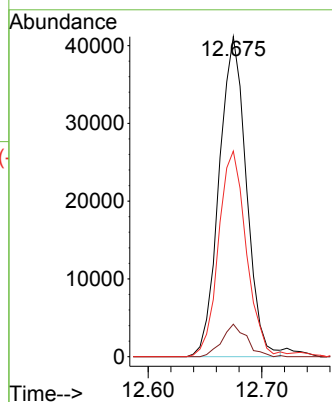
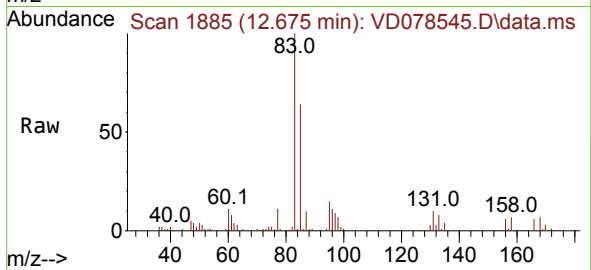




#75
1,1,2,2-Tetrachloroethane
Concen: 49.852 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

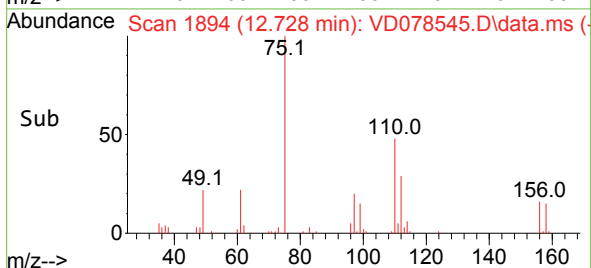
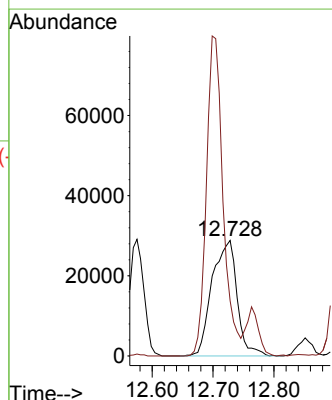
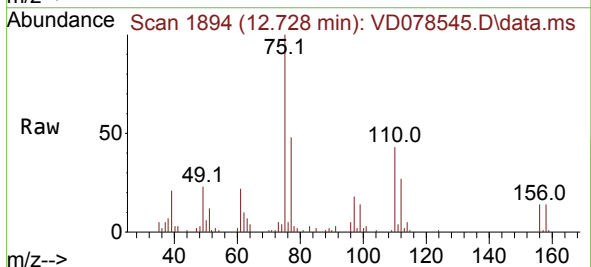
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

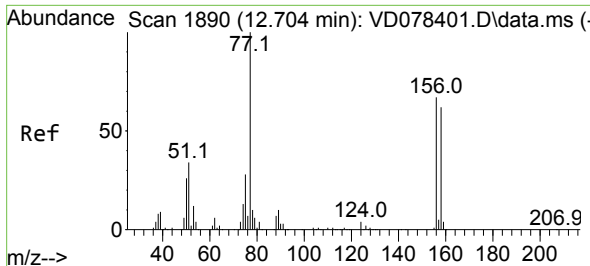
Tgt Ion: 83 Resp: 68554
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 65.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 93.839 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 75 Resp: 82246
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

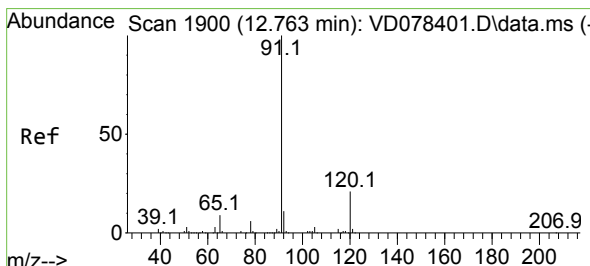
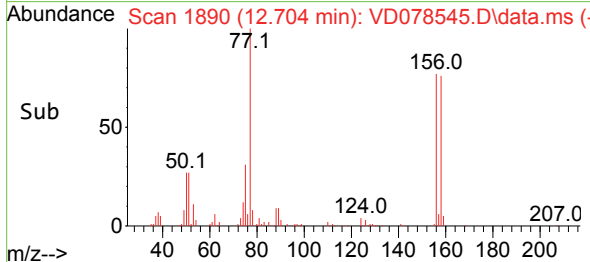
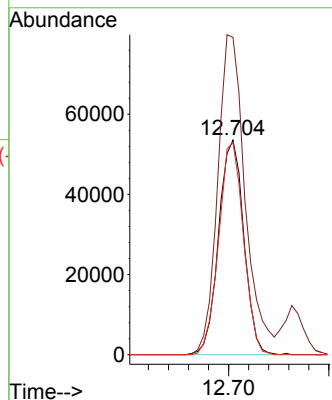
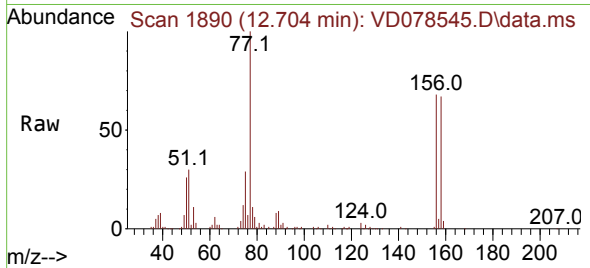




#77
Bromobenzene
Concen: 57.261 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

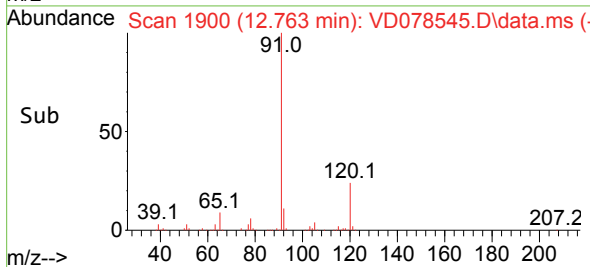
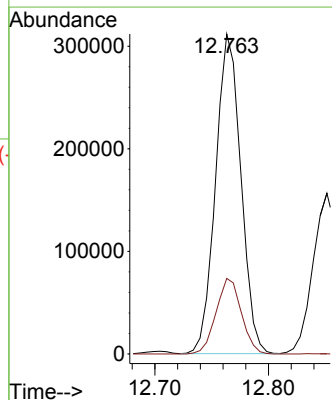
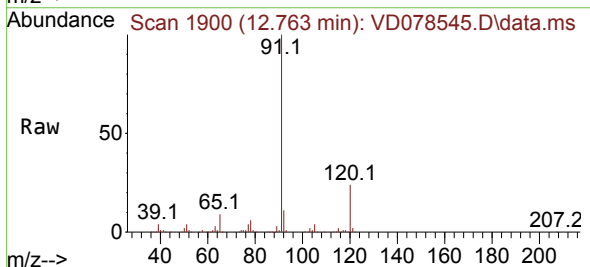
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

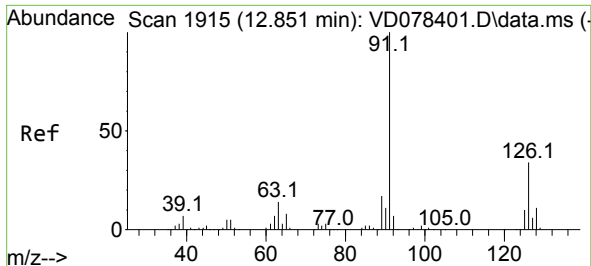
Tgt Ion:156 Resp: 93290
Ion Ratio Lower Upper
156 100
77 162.6 76.8 230.4
158 97.3 48.6 145.9



#78
n-propylbenzene
Concen: 55.850 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 91 Resp: 482484
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.2

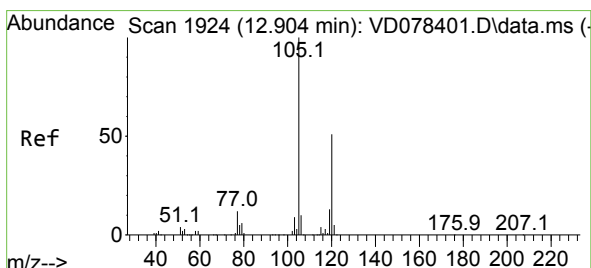
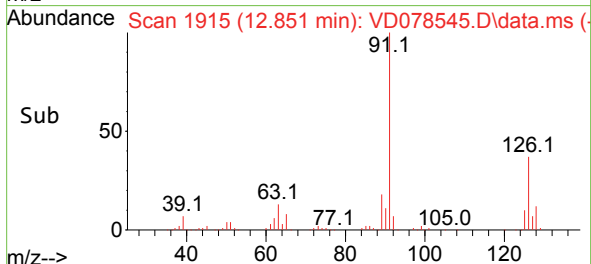
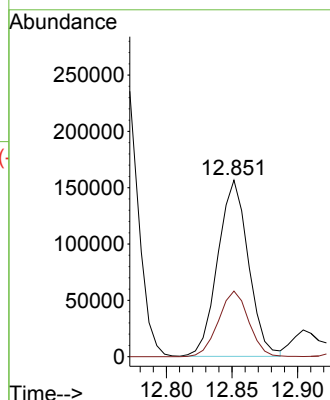
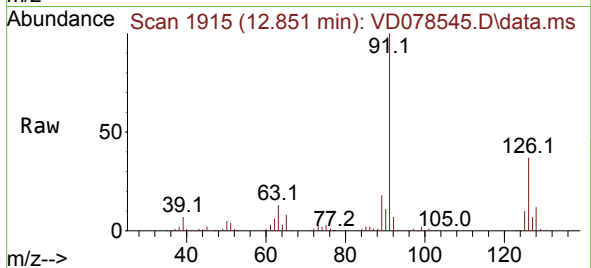




#79
2-Chlorotoluene
Concen: 55.063 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

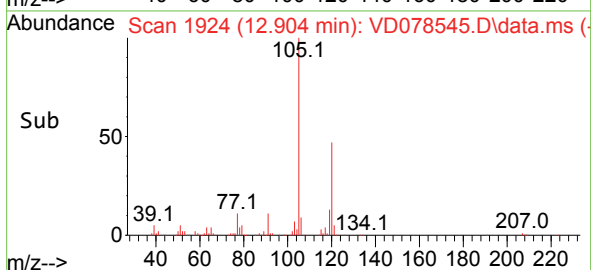
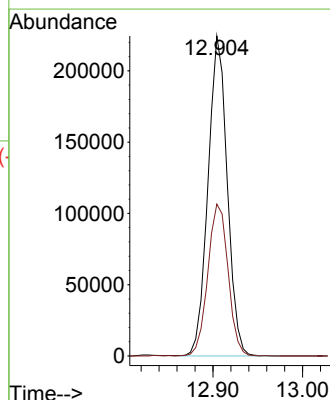
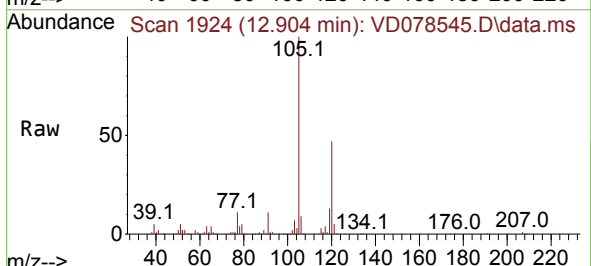
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

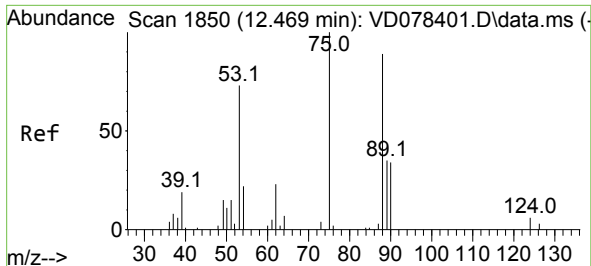
Tgt Ion: 91 Resp: 254780
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 58.080 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 105 Resp: 334325
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

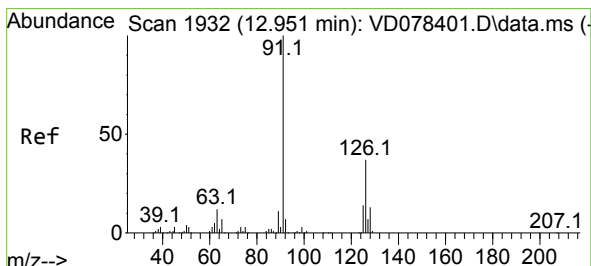
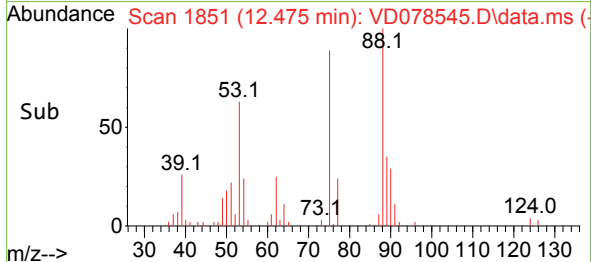
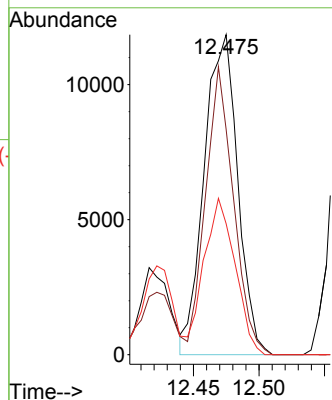
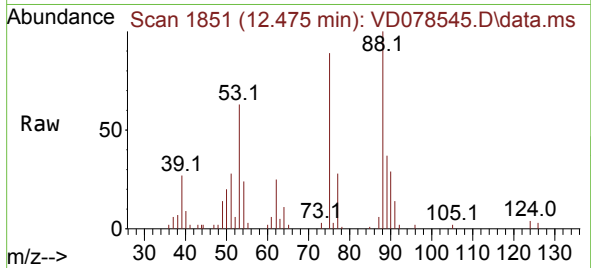




#81
trans-1,4-Dichloro-2-butene
Concen: 49.715 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

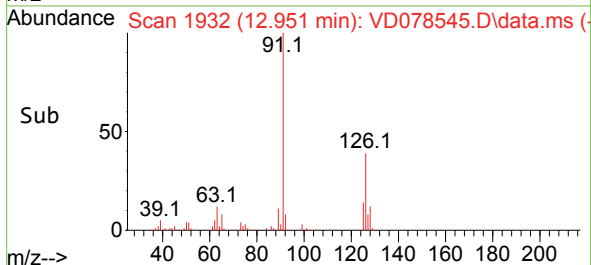
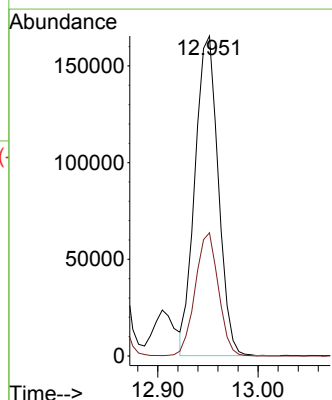
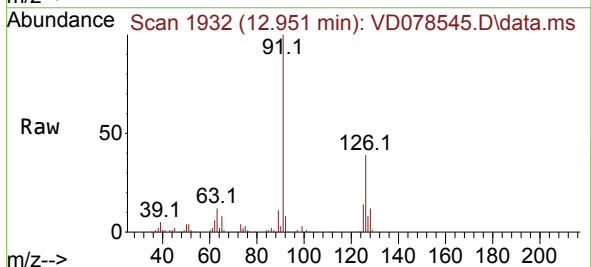
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

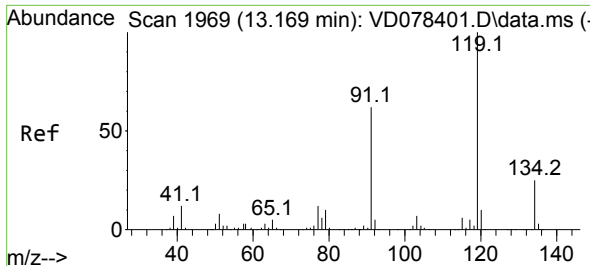
Tgt Ion: 75 Resp: 20989
Ion Ratio Lower Upper
75 100
53 75.0 63.0 94.4
89 45.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.683 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 91 Resp: 266778
Ion Ratio Lower Upper
91 100
126 38.5 19.4 58.4

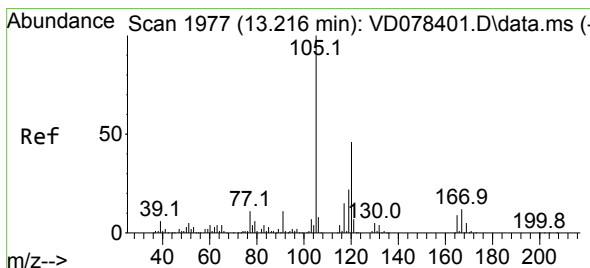
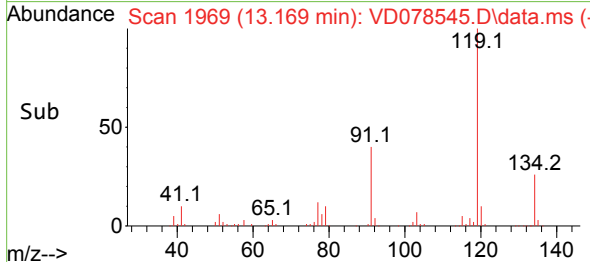
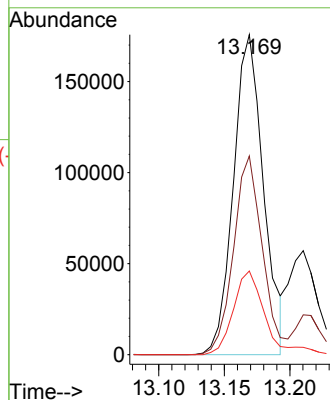
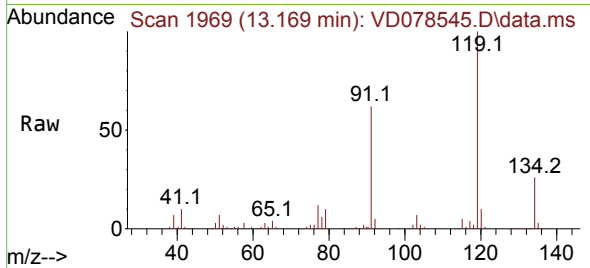




#83
tert-Butylbenzene
Concen: 57.805 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

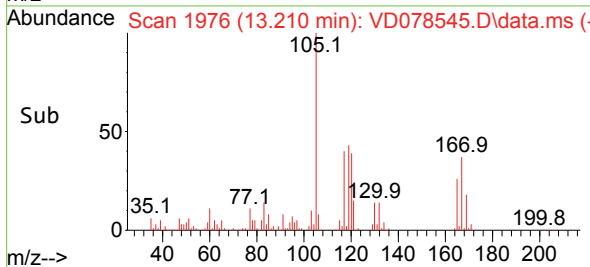
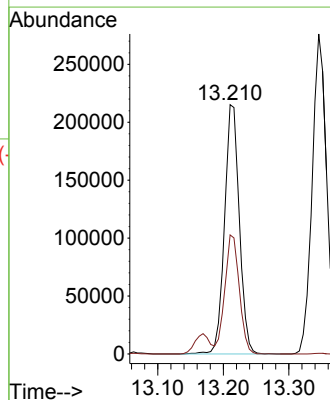
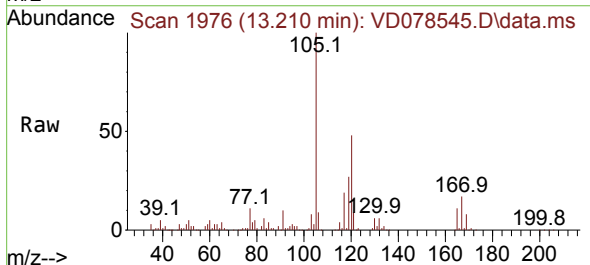
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

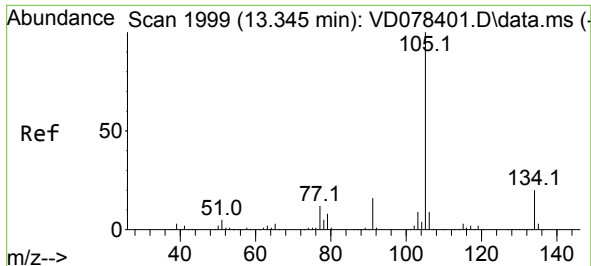
Tgt Ion:119 Resp: 280625
Ion Ratio Lower Upper
119 100
91 60.0 29.3 87.8
134 27.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 57.562 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:105 Resp: 336285
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.9

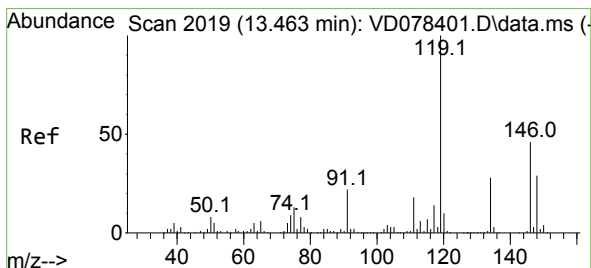
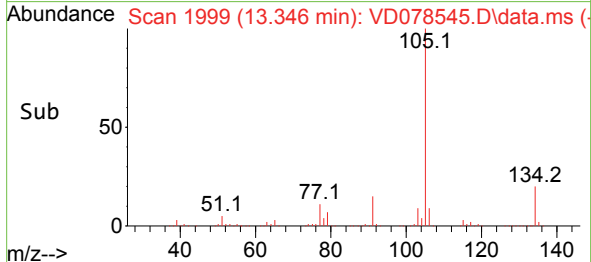
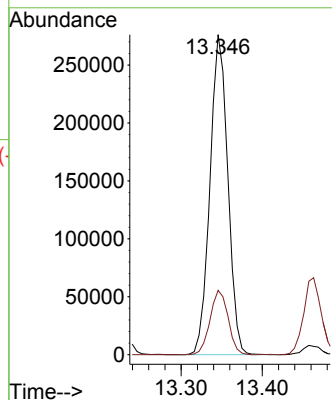
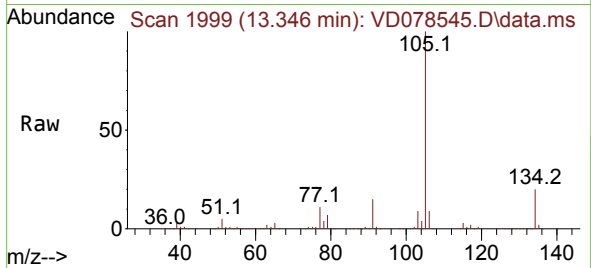




#85
 sec-Butylbenzene
 Concen: 55.918 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078545.D
 Acq: 26 Feb 2024 10:01

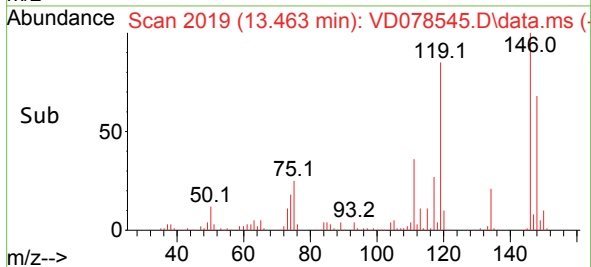
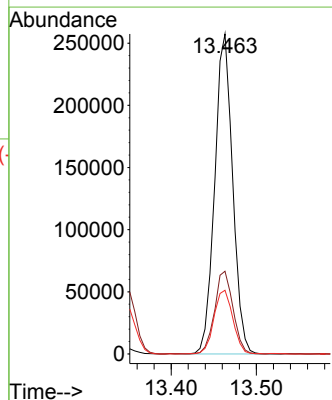
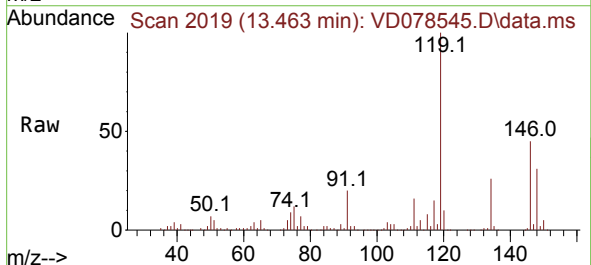
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

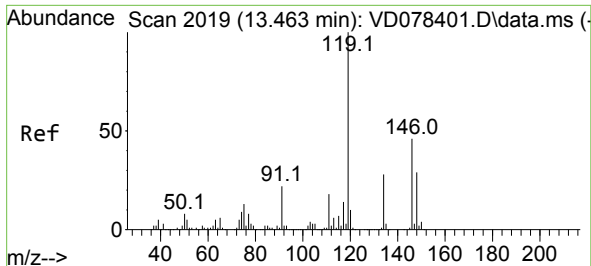
Tgt Ion:105 Resp: 420999
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 58.692 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078545.D
 Acq: 26 Feb 2024 10:01

Tgt Ion:119 Resp: 376375
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.0 10.5 31.5

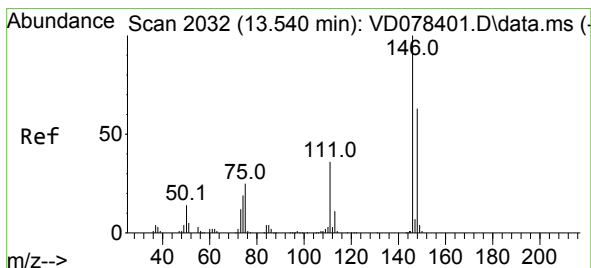
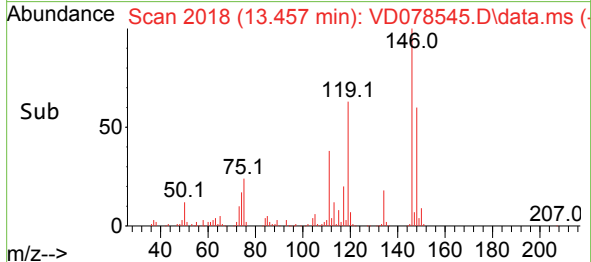
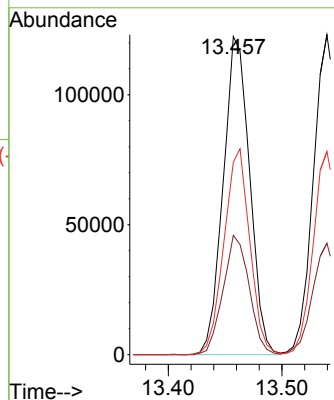
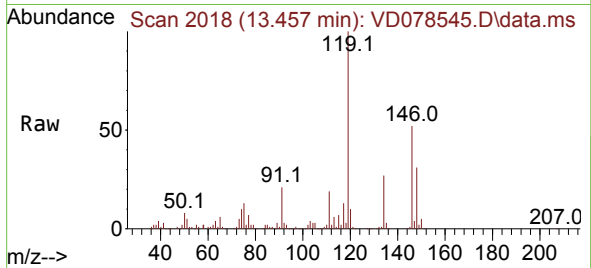




#87
1,3-Dichlorobenzene
Concen: 57.005 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

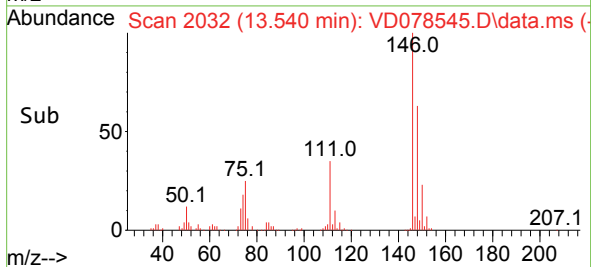
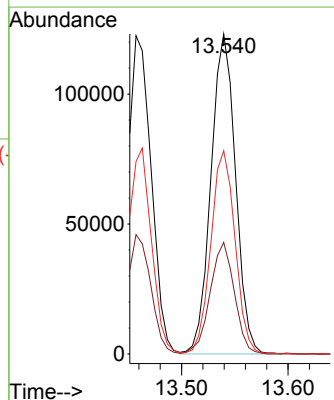
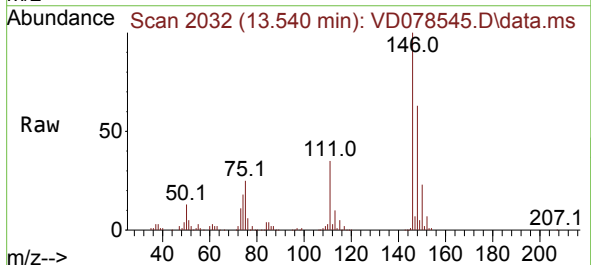
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

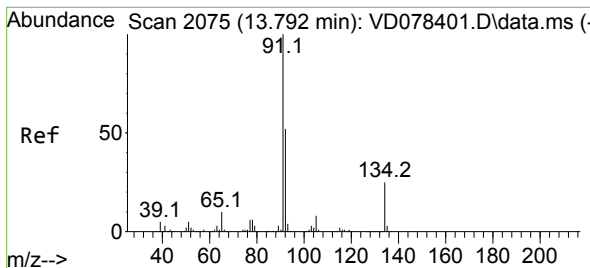
Tgt Ion:146 Resp: 198218
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.8
148 63.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 57.735 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion:146 Resp: 197257
Ion Ratio Lower Upper
146 100
111 34.4 17.4 52.3
148 62.7 31.7 95.1





#89

n-Butylbenzene

Concen: 56.147 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

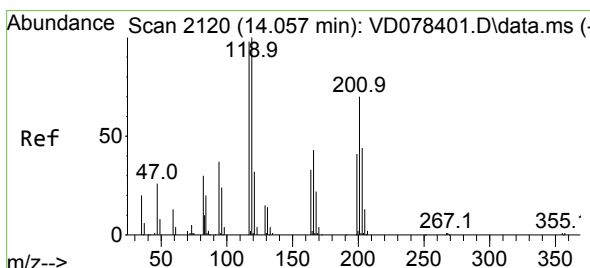
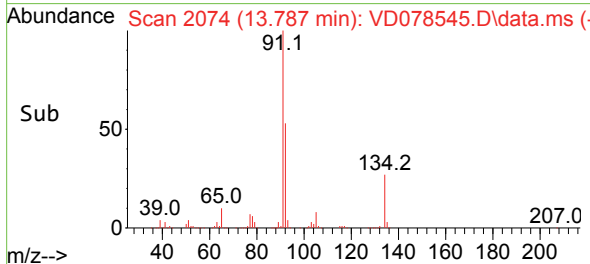
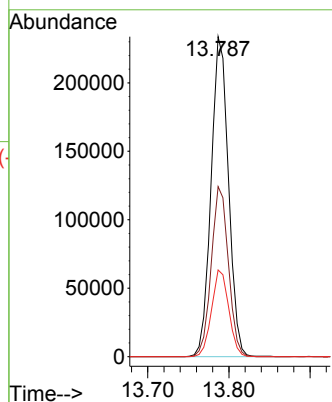
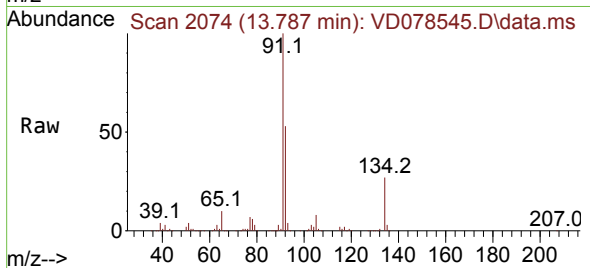
Tgt Ion: 91 Resp: 347040

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 26.8 13.8 41.3



#90

Hexachloroethane

Concen: 56.081 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD078545.D

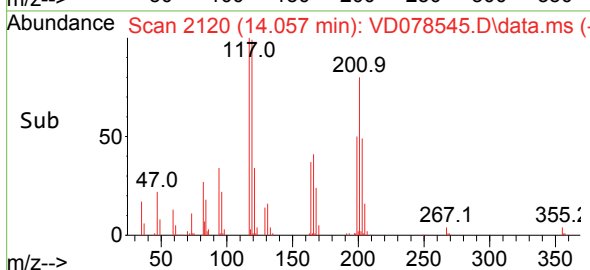
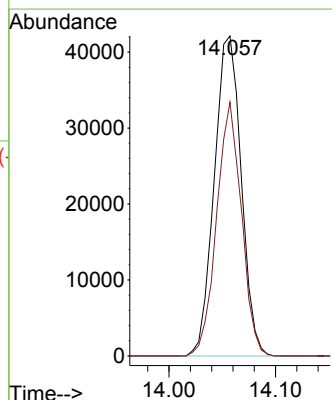
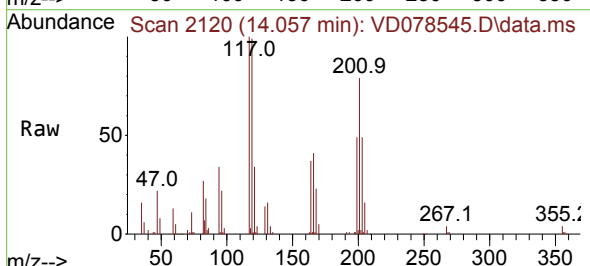
Acq: 26 Feb 2024 10:01

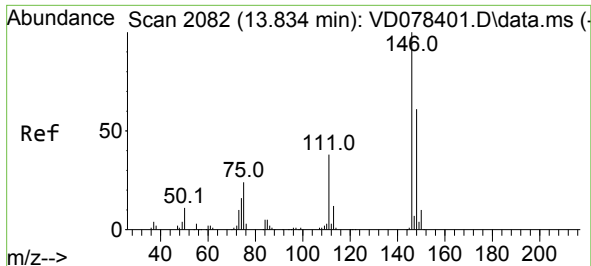
Tgt Ion: 117 Resp: 73915

Ion Ratio Lower Upper

117 100

201 73.1 38.5 115.5

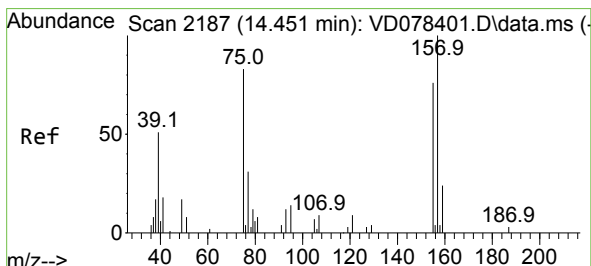
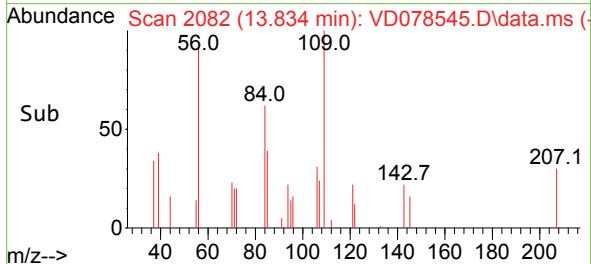
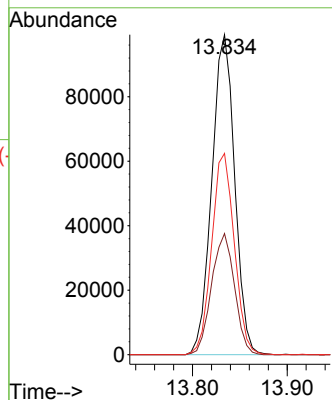
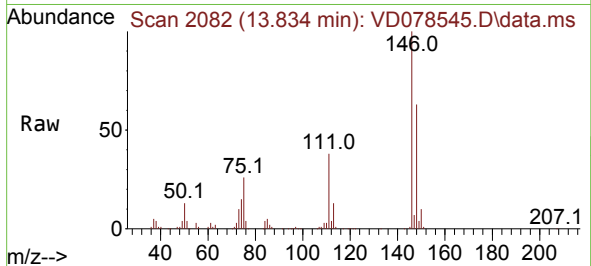




#91
1,2-Dichlorobenzene
Concen: 56.916 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

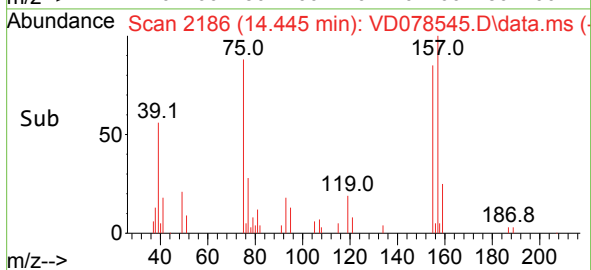
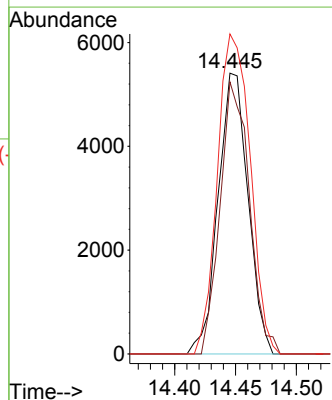
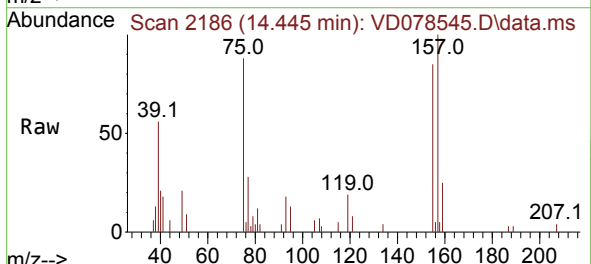
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

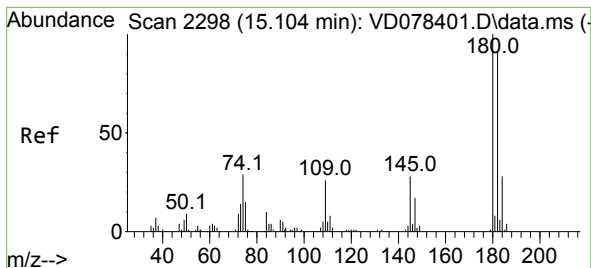
Tgt Ion:146 Resp: 166191
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 62.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.405 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078545.D
Acq: 26 Feb 2024 10:01

Tgt Ion: 75 Resp: 9256
Ion Ratio Lower Upper
75 100
155 94.6 47.9 143.8
157 124.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 60.687 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

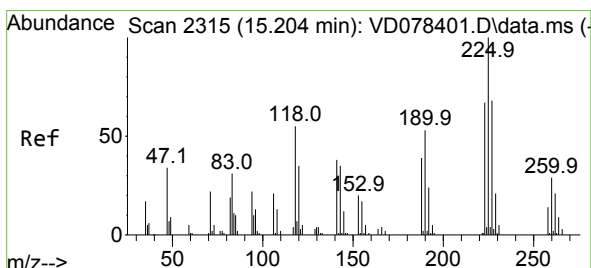
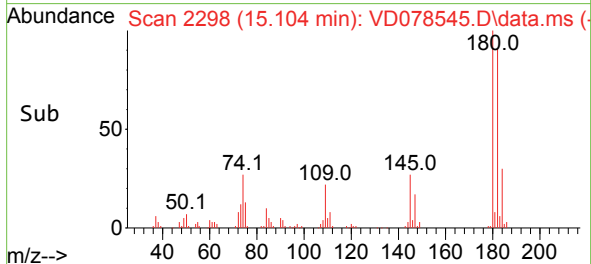
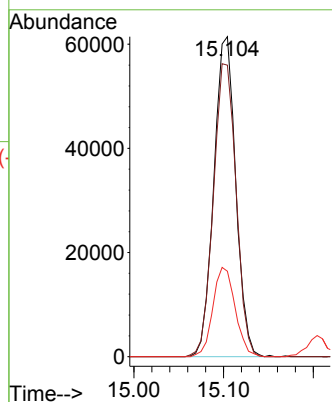
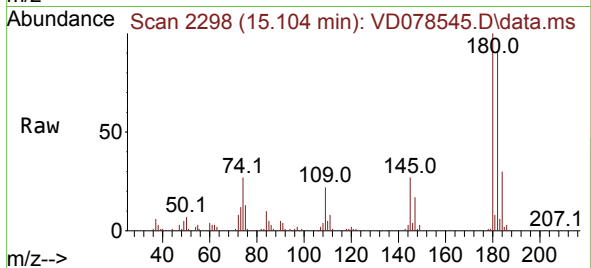
Tgt Ion:180 Resp: 104142

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.6

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 62.252 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

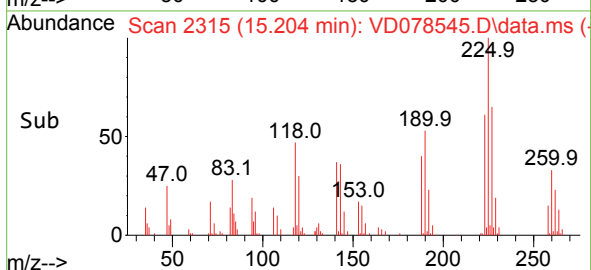
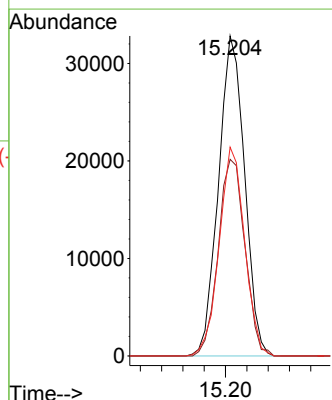
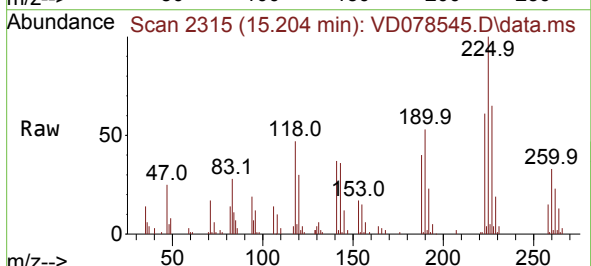
Tgt Ion:225 Resp: 55760

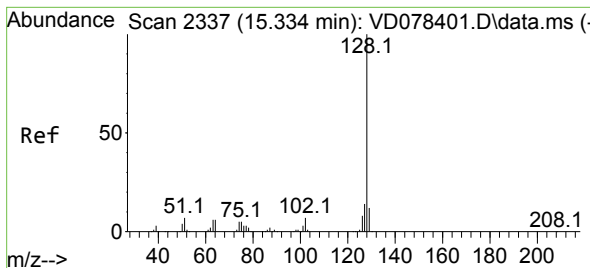
Ion Ratio Lower Upper

225 100

223 62.8 31.6 94.8

227 63.5 31.7 95.1





#95

Naphthalene

Concen: 56.605 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

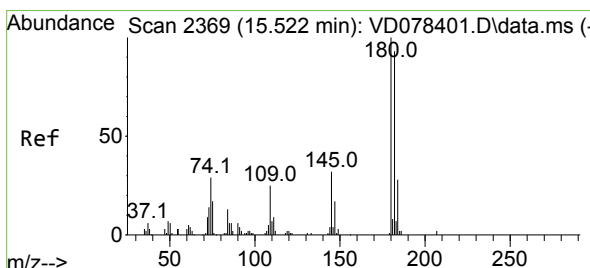
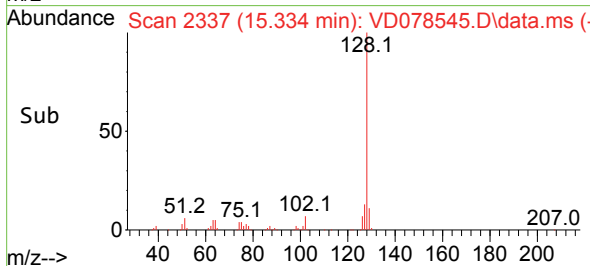
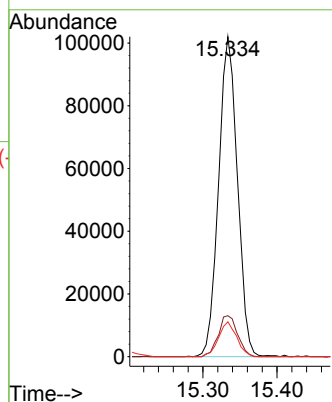
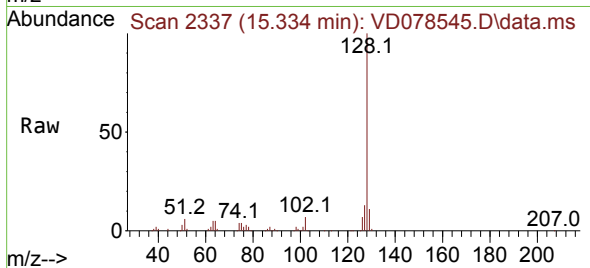
Tgt Ion:128 Resp: 180164

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 60.904 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078545.D

Acq: 26 Feb 2024 10:01

Tgt Ion:180 Resp: 88576

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 30.0 15.1 45.3

