

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078676.D
 Acq On : 14 Mar 2024 19:35
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 15 05:52:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	97752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	163045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89765	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55139	60.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.380%	
35) Dibromofluoromethane	7.804	113	61711	58.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.580%	
50) Toluene-d8	10.269	98	225251	57.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.700%	
62) 4-Bromofluorobenzene	12.569	95	69503	61.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	51257	56.339	ug/l	97
3) Chloromethane	2.146	50	94621	65.869	ug/l	99
4) Vinyl Chloride	2.281	62	141904	66.965	ug/l	97
5) Bromomethane	2.687	94	122111	60.185	ug/l	99
6) Chloroethane	2.834	64	112937	68.340	ug/l	97
7) Trichlorofluoromethane	3.169	101	98284	58.626	ug/l	97
8) Diethyl Ether	3.593	74	28965	59.176	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.963	101	60333	57.344	ug/l	99
10) Methyl Iodide	4.163	142	74279	59.684	ug/l	96
11) Tert butyl alcohol	5.063	59	12136	296.017	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	57048	57.038	ug/l	88
13) Acrolein	3.793	56	13534	210.737	ug/l	95
14) Allyl chloride	4.563	41	67765	60.721	ug/l	97
15) Acrylonitrile	5.258	53	62792	318.230	ug/l	98
16) Acetone	4.022	43	43562	245.907	ug/l	99
17) Carbon Disulfide	4.263	76	197189	60.140	ug/l	97
18) Methyl Acetate	4.558	43	26747	70.354	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	125974	62.456	ug/l	98
20) Methylene Chloride	4.799	84	78470	66.589	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	72199	61.177	ug/l	94
22) Diisopropyl ether	6.216	45	169318	66.731	ug/l #	97
23) Vinyl Acetate	6.152	43	492470	331.813	ug/l	99
24) 1,1-Dichloroethane	6.110	63	117814	61.932	ug/l	98
25) 2-Butanone	7.081	43	70031	297.346	ug/l	94
26) 2,2-Dichloropropane	7.075	77	91351	56.758	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	83058	61.705	ug/l	99
28) Bromochloromethane	7.428	49	40979	60.423	ug/l	99
29) Tetrahydrofuran	7.446	42	44718	349.085	ug/l	97
30) Chloroform	7.599	83	132718	62.572	ug/l	98
31) Cyclohexane	7.875	56	88551	57.509	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	105758	58.768	ug/l	99
36) 1,1-Dichloropropene	8.004	75	97575	63.519	ug/l	97
37) Ethyl Acetate	7.163	43	31647	63.061	ug/l	97
38) Carbon Tetrachloride	7.987	117	97632	60.286	ug/l	94
39) Methylcyclohexane	9.275	83	111227	62.417	ug/l	94
40) Benzene	8.252	78	295028	63.534	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	17865	67.930	ug/l	93
42) 1,2-Dichloroethane	8.322	62	76282	67.361	ug/l	99
43) Isopropyl Acetate	8.363	43	59659	65.368	ug/l #	85
44) Trichloroethene	9.028	130	76795	60.939	ug/l	94
45) 1,2-Dichloropropane	9.304	63	71846	65.222	ug/l	97
46) Dibromomethane	9.393	93	42961	65.060	ug/l	95
47) Bromodichloromethane	9.587	83	104159	66.260	ug/l	96
48) Methyl methacrylate	9.381	41	29784	66.976	ug/l	95
49) 1,4-Dioxane	9.387	88	7894	1291.142	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	161874	339.265	ug/l	98
52) Toluene	10.334	92	194489	65.055	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	92294	64.215	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	111076	64.287	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	58603	66.273	ug/l	96
56) Ethyl methacrylate	10.598	69	61060	68.881	ug/l	97
57) 1,3-Dichloropropane	10.881	76	92500	64.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	110564	282.863	ug/l	98
59) 2-Hexanone	10.922	43	112661	318.520	ug/l	99
60) Dibromochloromethane	11.075	129	72936	66.883	ug/l	99
61) 1,2-Dibromoethane	11.181	107	55228	64.537	ug/l	100
64) Tetrachloroethene	10.810	164	64136	59.442	ug/l	97
65) Chlorobenzene	11.604	112	204036	59.885	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	80725	64.695	ug/l	98
67) Ethyl Benzene	11.681	91	361594	62.280	ug/l	98
68) m/p-Xylenes	11.793	106	299997	127.245	ug/l	98
69) o-Xylene	12.122	106	136995	62.803	ug/l	99
70) Styrene	12.134	104	239941	65.534	ug/l	99
71) Bromoform	12.298	173	42236	62.634	ug/l #	97
73) Isopropylbenzene	12.416	105	343090	58.051	ug/l	100
74) N-amyl acetate	12.234	43	57644	60.073	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	66461	60.746	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	77743	112.413	ug/l #	100
77) Bromobenzene	12.698	156	87323	59.578	ug/l	99
78) n-propylbenzene	12.763	91	429706	59.731	ug/l	100
79) 2-Chlorotoluene	12.845	91	231014	58.535	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	297444	60.859	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	19618	59.461	ug/l	96
82) 4-Chlorotoluene	12.945	91	250978	60.125	ug/l	100
83) tert-Butylbenzene	13.163	119	246319	58.450	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	300874	61.087	ug/l	98
85) sec-Butylbenzene	13.345	105	387723	60.796	ug/l	98
86) p-Isopropyltoluene	13.457	119	331339	60.690	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	187652	60.670	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	180211	59.120	ug/l	99
89) n-Butylbenzene	13.787	91	295492	59.930	ug/l	100
90) Hexachloroethane	14.051	117	65226	57.739	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	159060	59.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8317	56.826	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	89789	57.754	ug/l	97
94) Hexachlorobutadiene	15.198	225	47848	56.849	ug/l	98
95) Naphthalene	15.328	128	162649	60.174	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	80926	60.169	ug/l	99

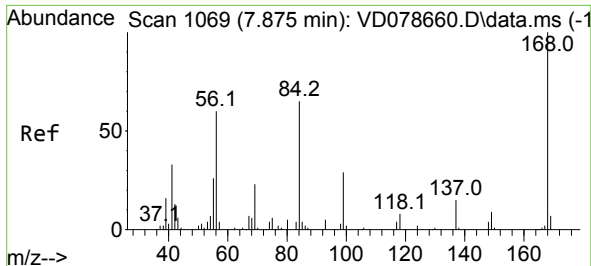
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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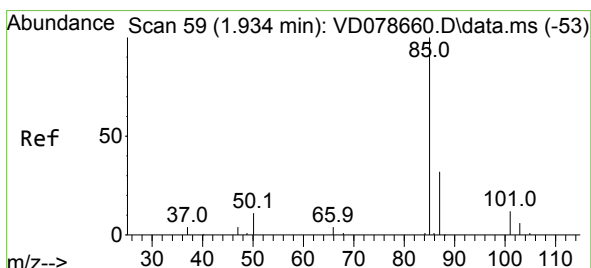
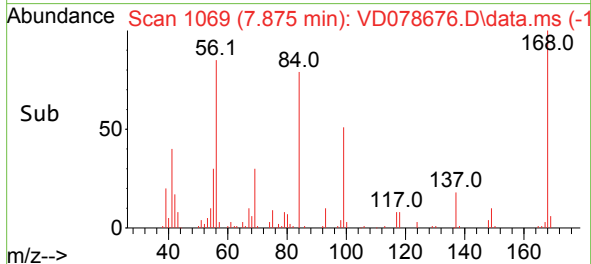
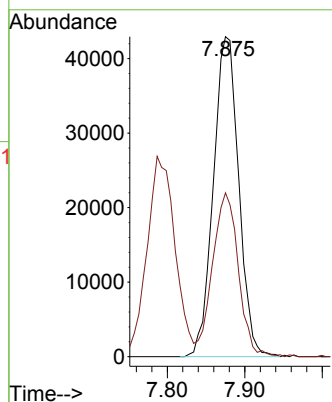
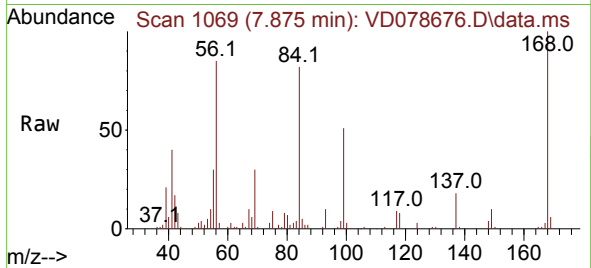
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

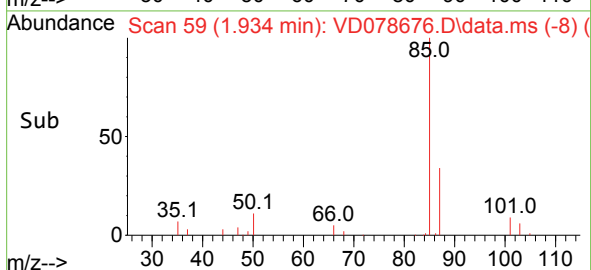
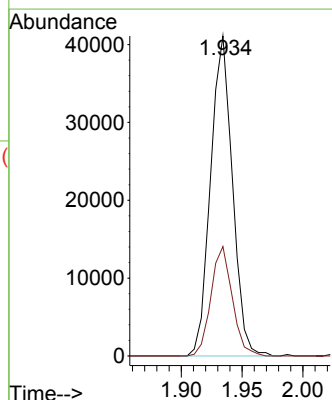
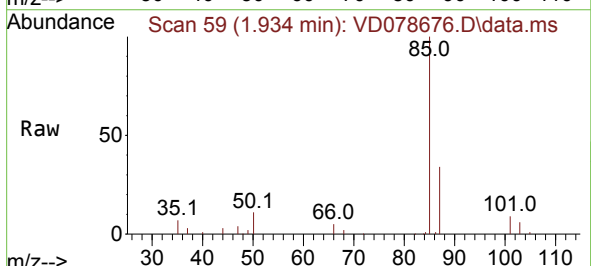
Instrument :
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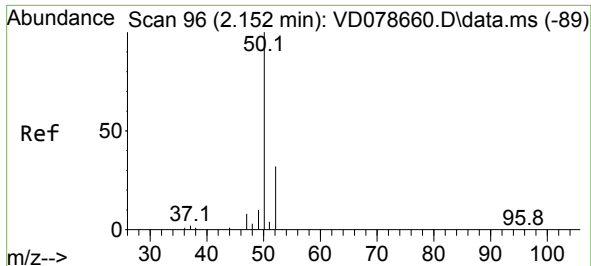
Tgt Ion:168 Resp: 97752
Ion Ratio Lower Upper
168 100
99 50.6 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 56.339 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 85 Resp: 51257
Ion Ratio Lower Upper
85 100
87 34.2 16.2 48.5

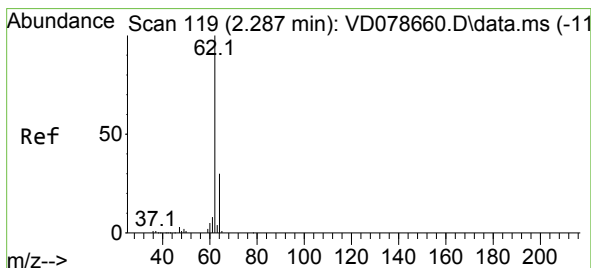
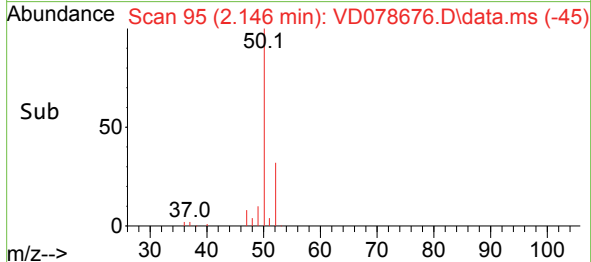
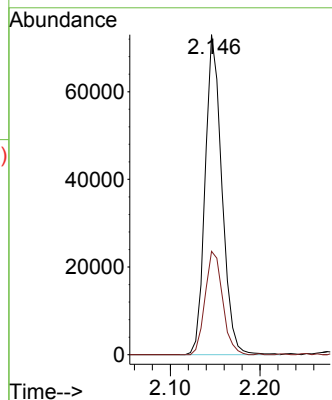
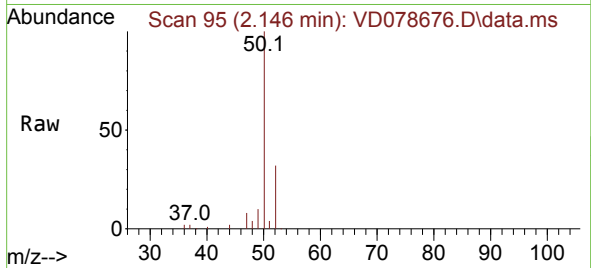




#3
Chloromethane
Concen: 65.869 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

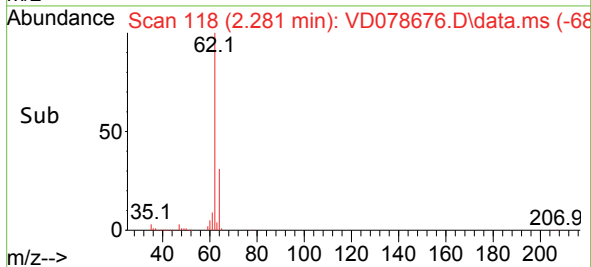
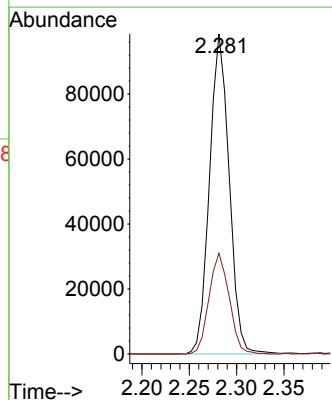
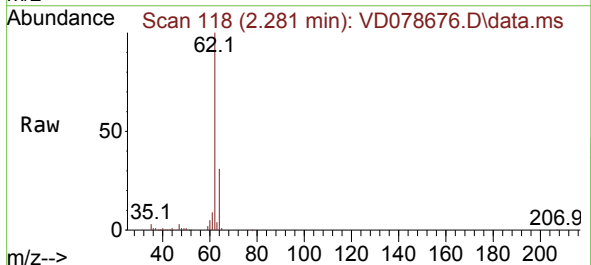
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ClientSampleId :
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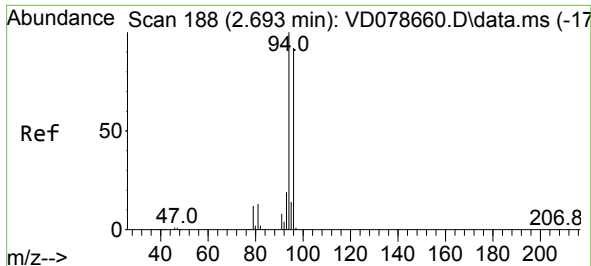
Tgt Ion: 50 Resp: 94621
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 66.965 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 62 Resp: 141904
Ion Ratio Lower Upper
62 100
64 31.5 23.7 35.5

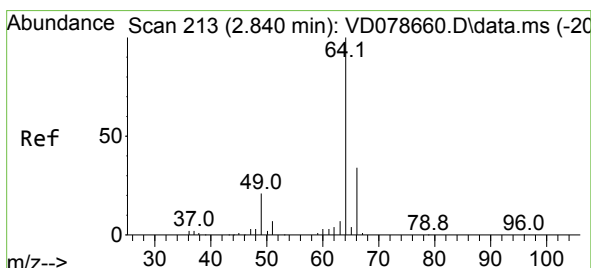
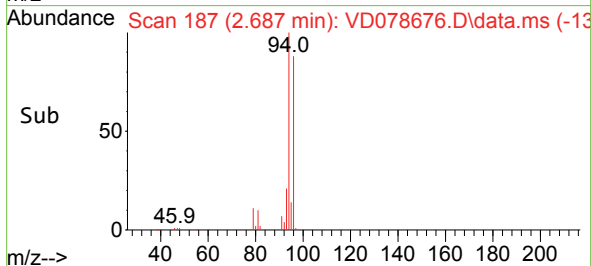
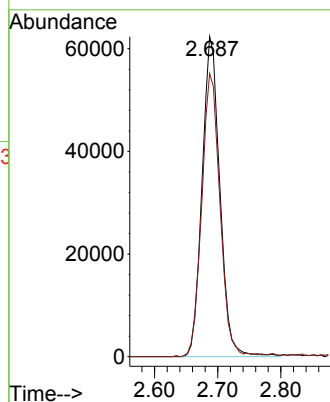
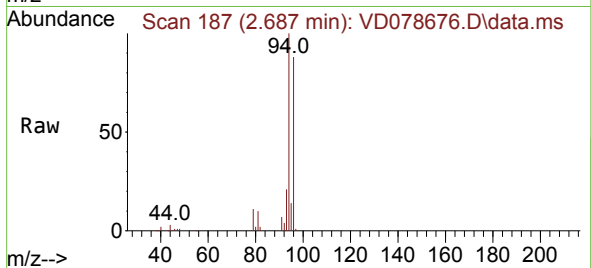




#5
Bromomethane
Concen: 60.185 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

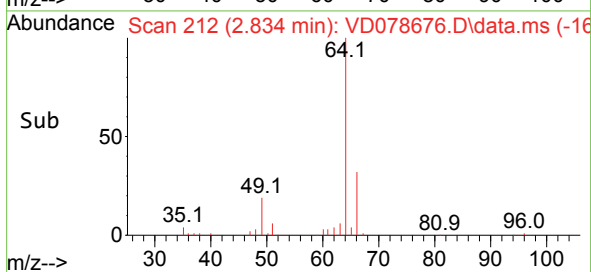
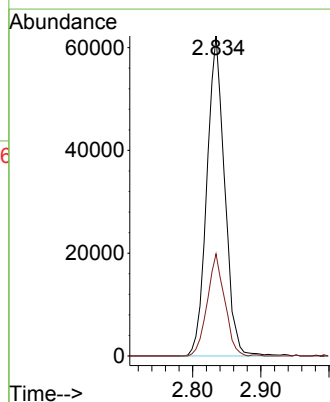
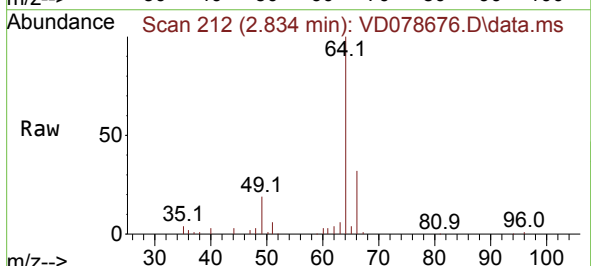
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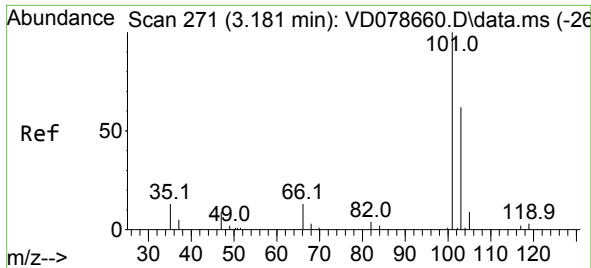
Tgt Ion: 94 Resp: 122111
Ion Ratio Lower Upper
94 100
96 90.6 73.5 110.3



#6
Chloroethane
Concen: 68.340 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 64 Resp: 112937
Ion Ratio Lower Upper
64 100
66 31.9 26.8 40.2

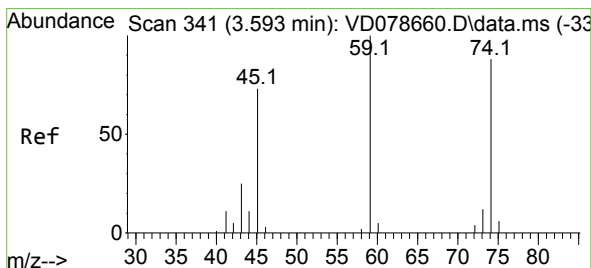
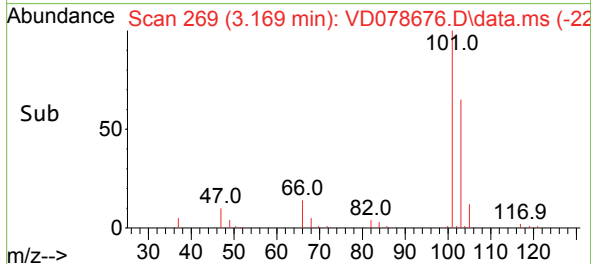
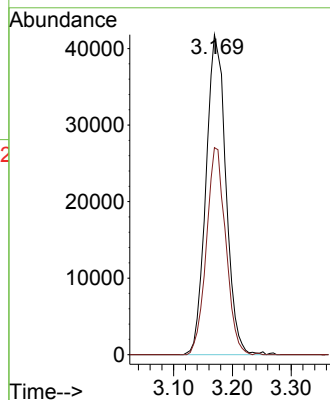
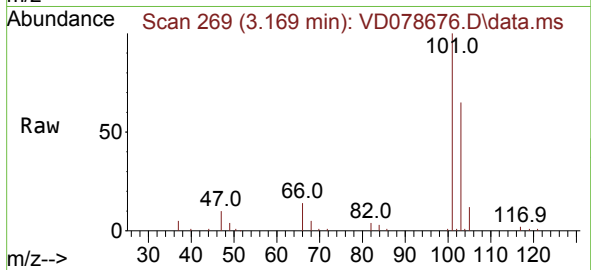




#7
 Trichlorofluoromethane
 Concen: 58.626 ug/l
 RT: 3.169 min Scan# 271
 Delta R.T. -0.012 min
 Lab File: VD078676.D
 Acq: 14 Mar 2024 19:35

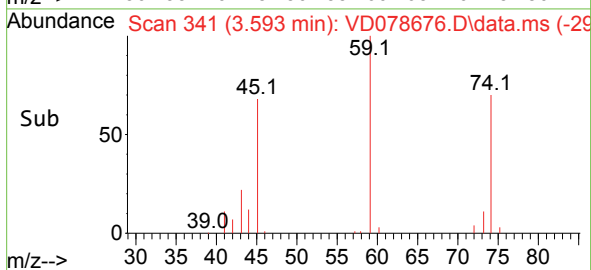
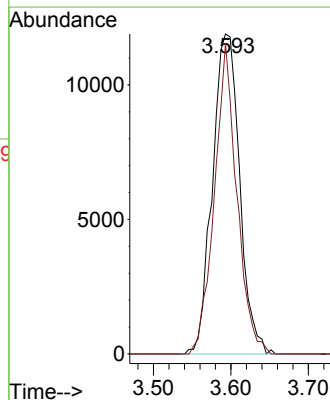
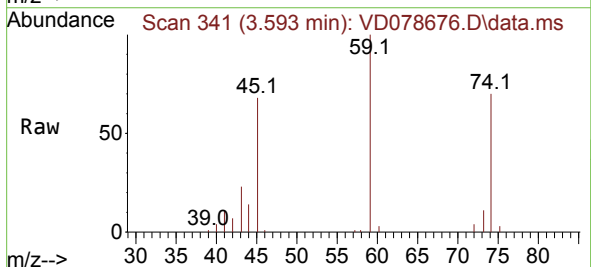
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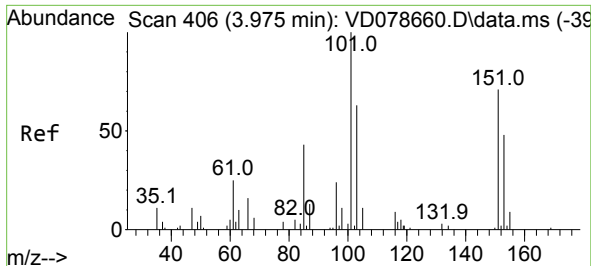
Tgt Ion:101 Resp: 98284
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.7 74.5



#8
 Diethyl Ether
 Concen: 59.176 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078676.D
 Acq: 14 Mar 2024 19:35

Tgt Ion: 74 Resp: 28965
 Ion Ratio Lower Upper
 74 100
 45 80.4 42.4 127.3

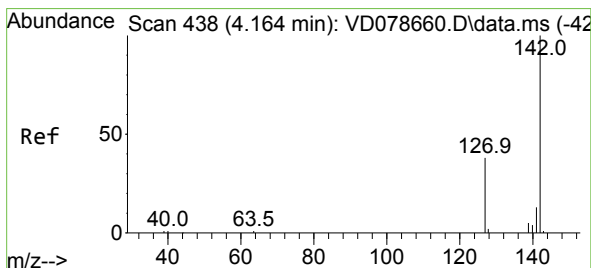
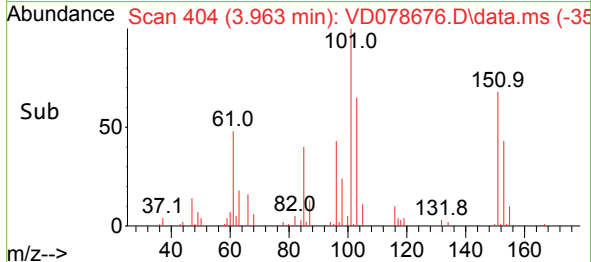
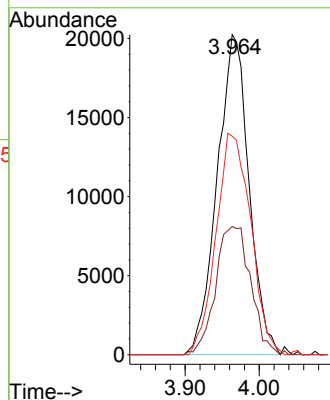
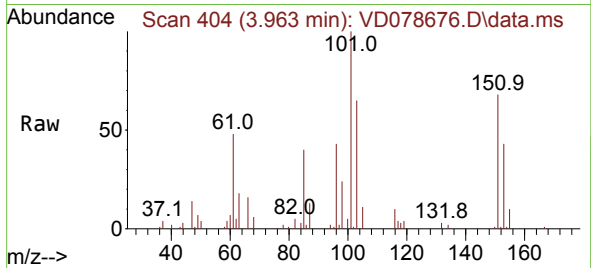




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.344 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078676.D
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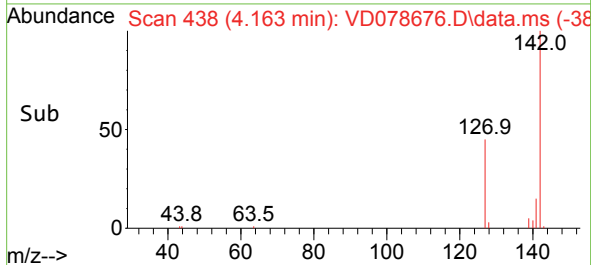
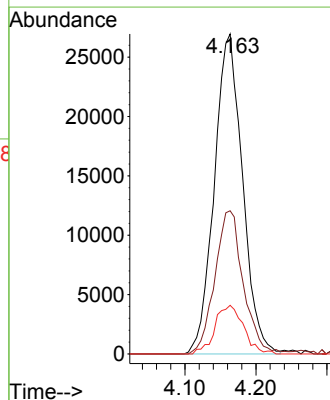
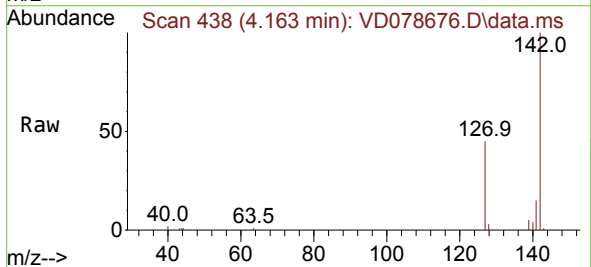
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

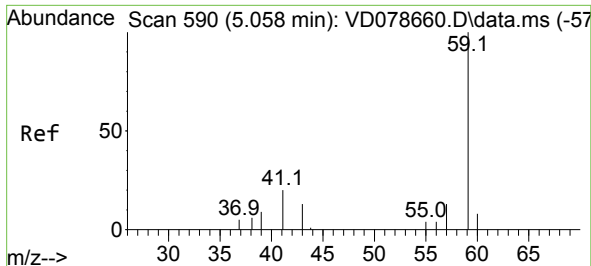
Tgt Ion:101 Resp: 60333
Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.6
151 75.5 59.4 89.2



#10
Methyl Iodide
Concen: 59.684 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:142 Resp: 74279
Ion Ratio Lower Upper
142 100
127 45.1 33.5 50.3
141 15.5 11.7 17.5

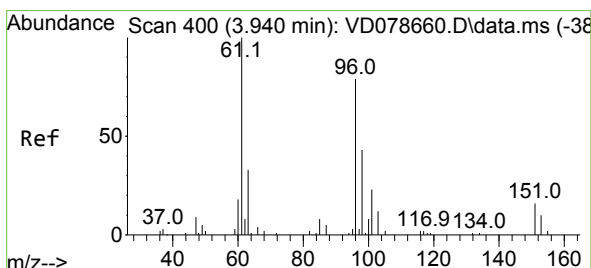
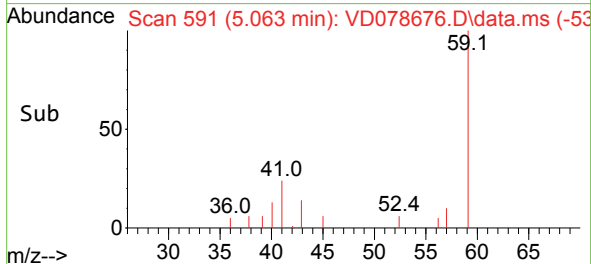
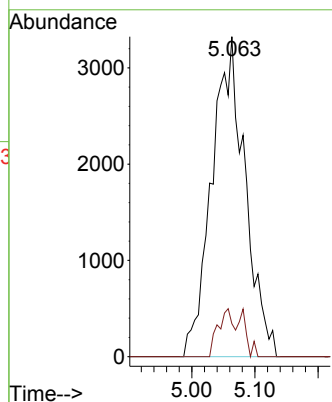
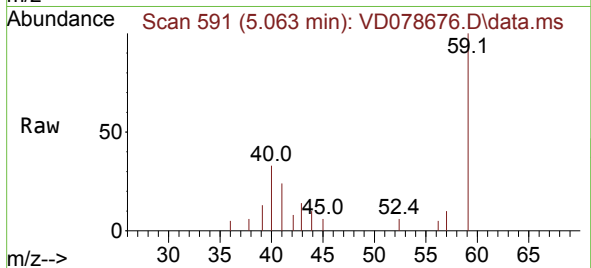




#11
Tert butyl alcohol
Concen: 296.017 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

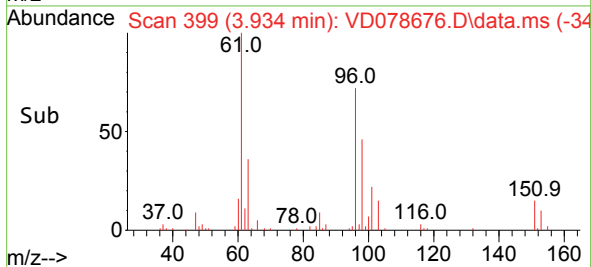
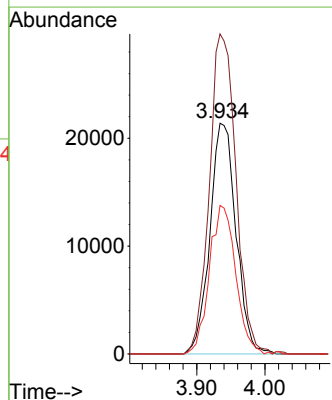
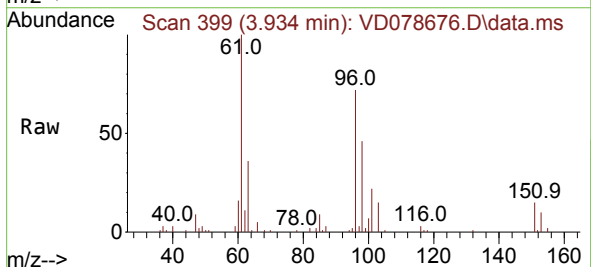
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

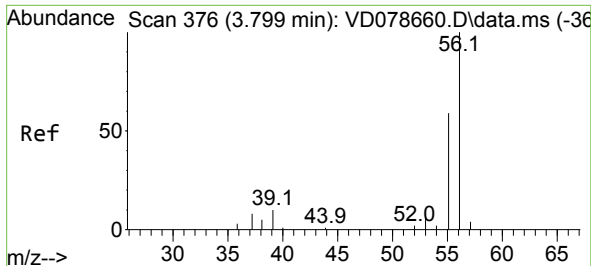
Tgt Ion: 59 Resp: 12136
Ion Ratio Lower Upper
59 100
57 7.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 57.038 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 96 Resp: 57048
Ion Ratio Lower Upper
96 100
61 138.7 101.4 152.0
98 64.3 43.4 65.0





#13

Acrolein

Concen: 210.737 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

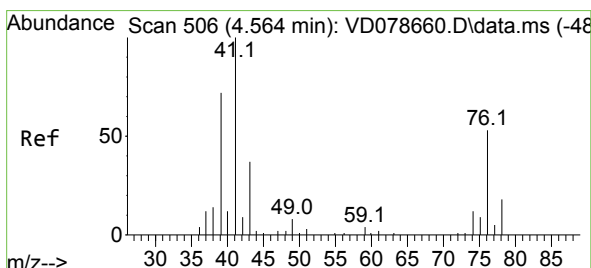
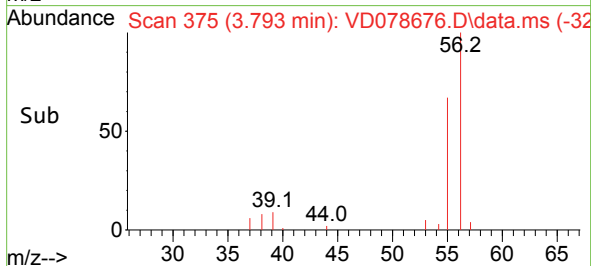
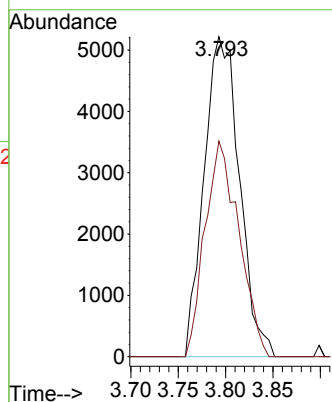
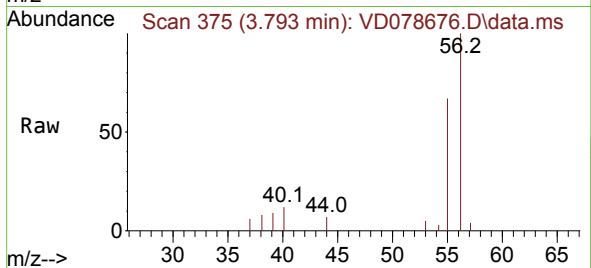
VSTDCCC050EC

Tgt Ion: 56 Resp: 13534

Ion Ratio Lower Upper

56 100

55 64.7 54.9 82.3



#14

Allyl chloride

Concen: 60.721 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

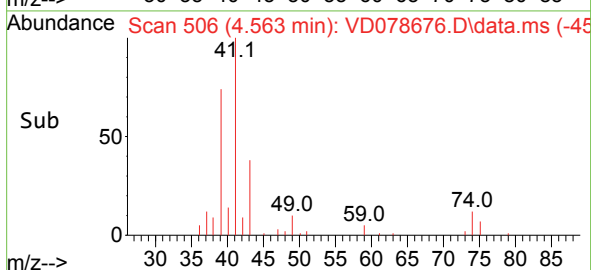
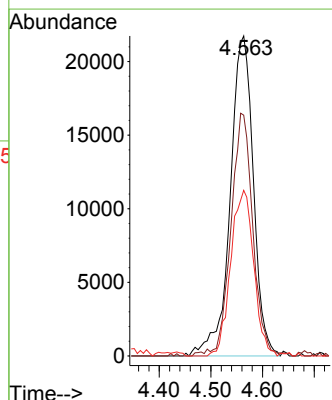
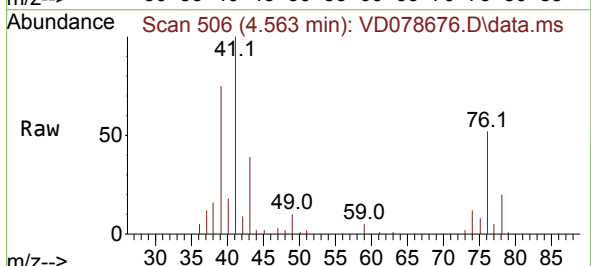
Tgt Ion: 41 Resp: 67765

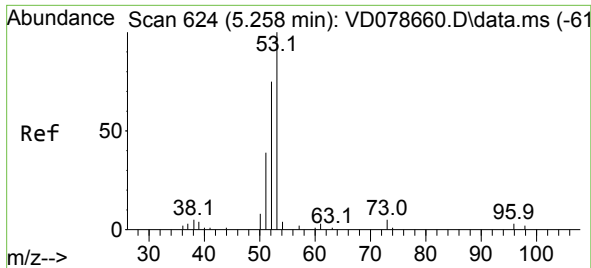
Ion Ratio Lower Upper

41 100

39 71.7 57.8 86.6

76 51.2 44.8 67.2

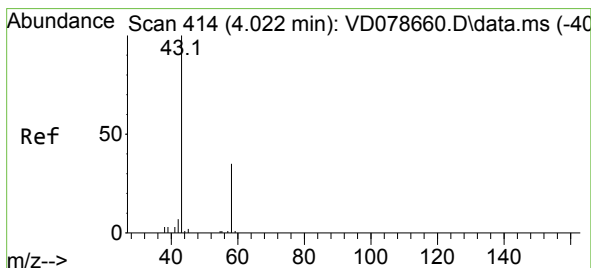
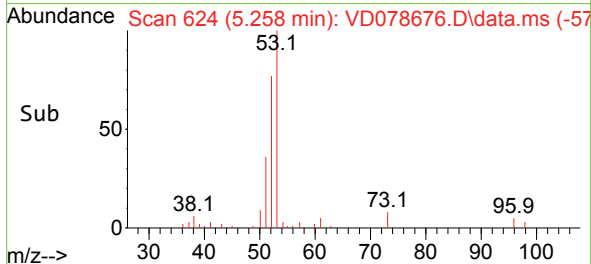
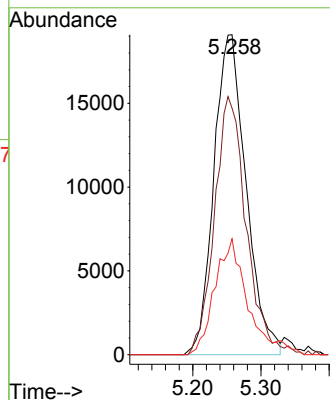
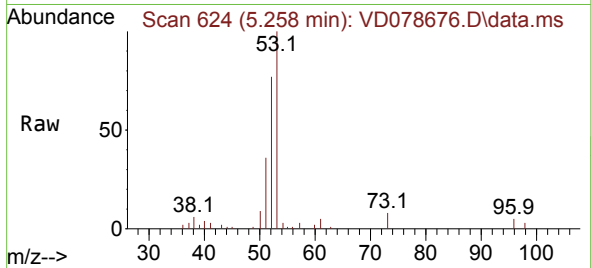




#15
Acrylonitrile
Concen: 318.230 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

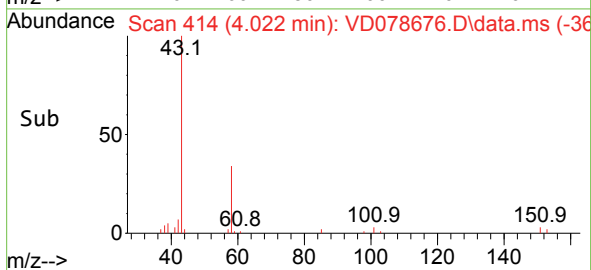
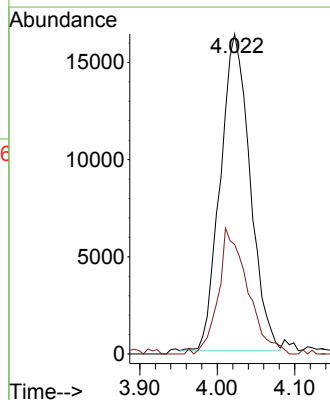
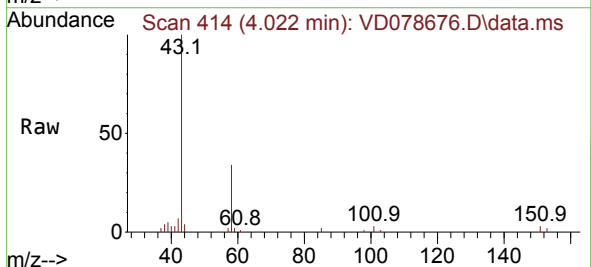
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

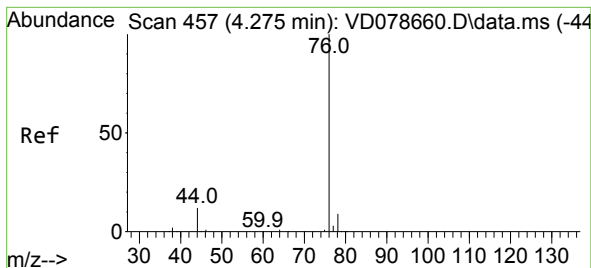
Tgt Ion:	53	Resp:	62792
Ion	Ratio	Lower	Upper
53	100		
52	79.4	61.9	92.9
51	37.1	29.0	43.4



#16
Acetone
Concen: 245.907 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:	43	Resp:	43562
Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.2	42.4





#17

Carbon Disulfide

Concen: 60.140 ug/l

RT: 4.263 min Scan# 41

Delta R.T. -0.012 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

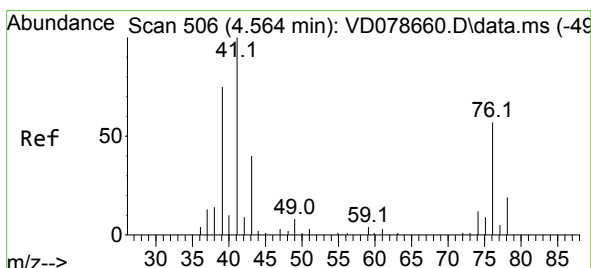
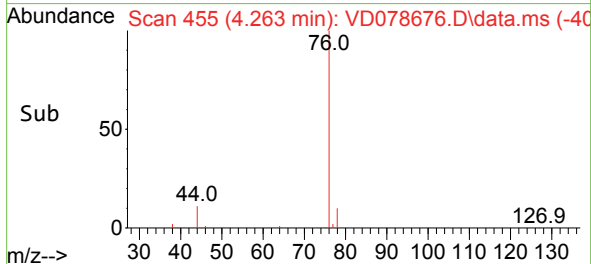
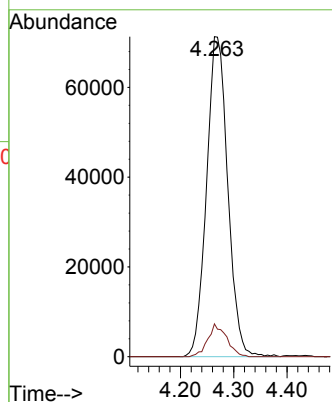
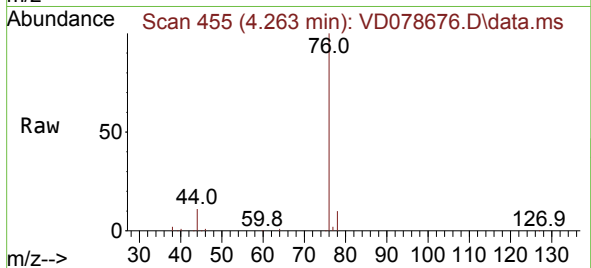
VSTDCCC050EC

Tgt Ion: 76 Resp: 197189

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9



#18

Methyl Acetate

Concen: 70.354 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078676.D

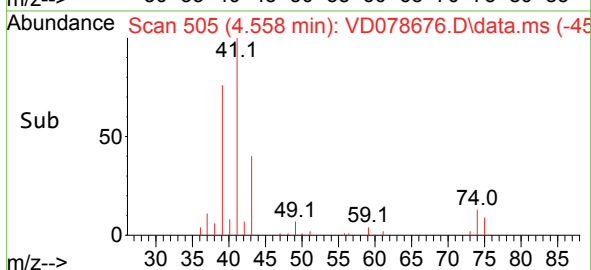
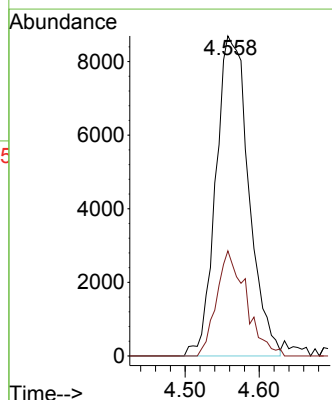
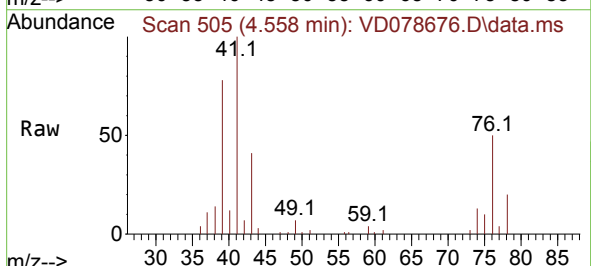
Acq: 14 Mar 2024 19:35

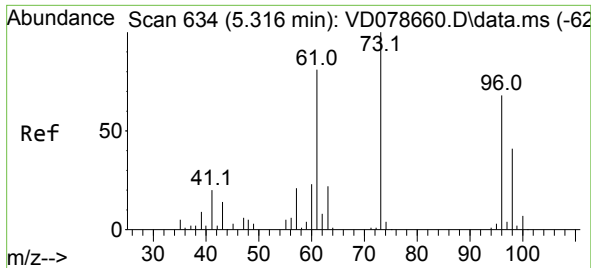
Tgt Ion: 43 Resp: 26747

Ion Ratio Lower Upper

43 100

74 29.8 25.3 37.9

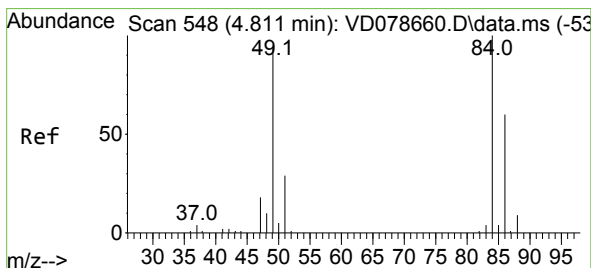
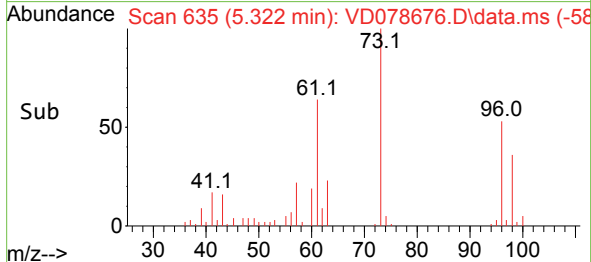
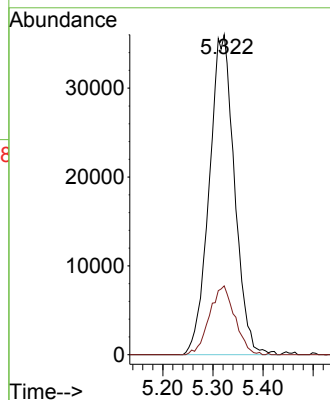
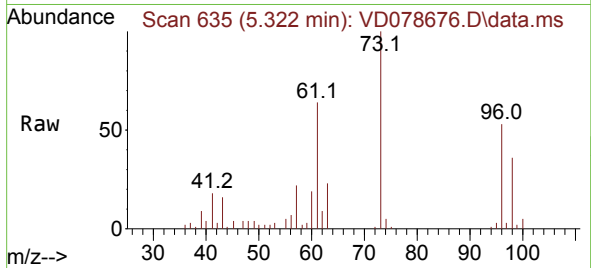




#19
Methyl tert-butyl Ether
Concen: 62.456 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

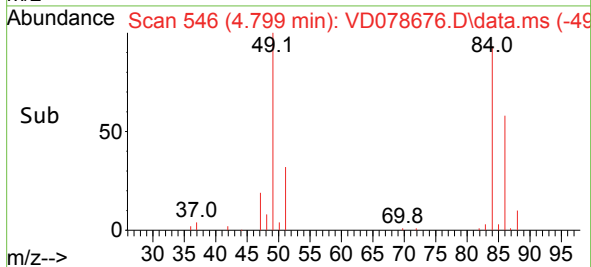
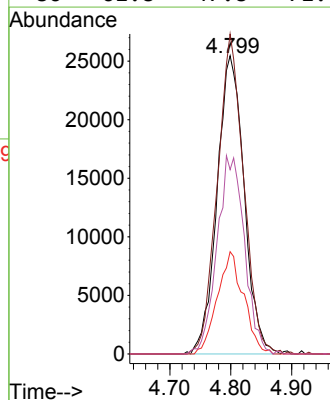
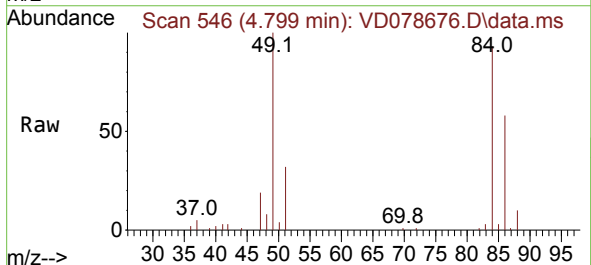
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

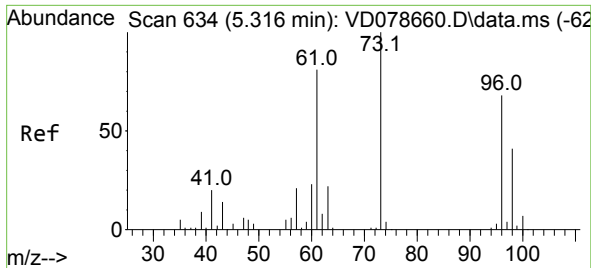
Tgt Ion: 73 Resp: 125974
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 66.589 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

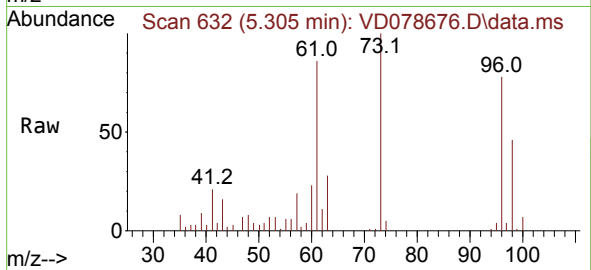
Tgt Ion: 84 Resp: 78470
Ion Ratio Lower Upper
84 100
49 107.3 75.6 113.4
51 34.3 23.4 35.0
86 61.8 47.8 71.6





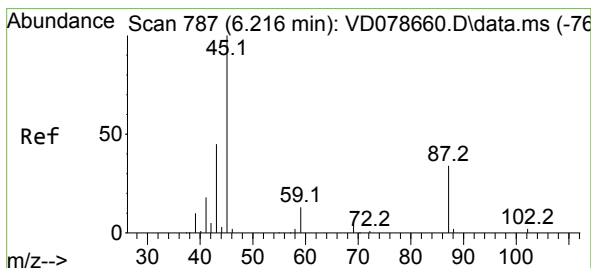
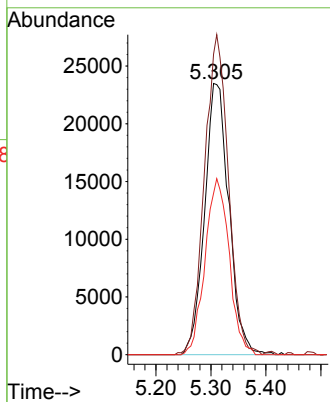
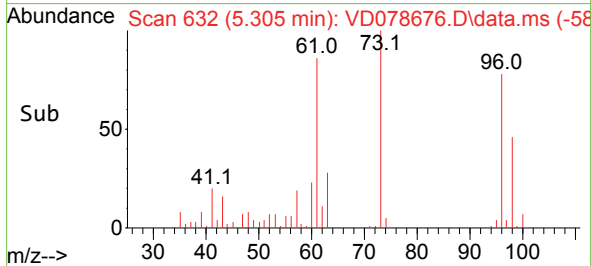
#21
trans-1,2-Dichloroethene
Concen: 61.177 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

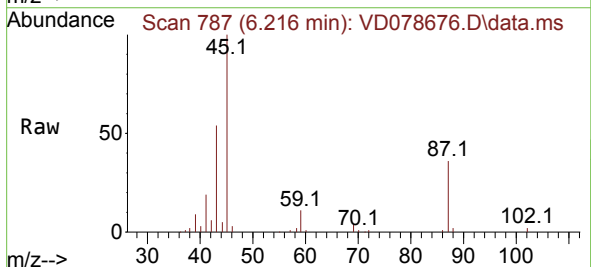


Tgt Ion: 96 Resp: 72199

Ion	Ratio	Lower	Upper
96	100		
61	110.8	96.1	144.1
98	59.4	48.9	73.3

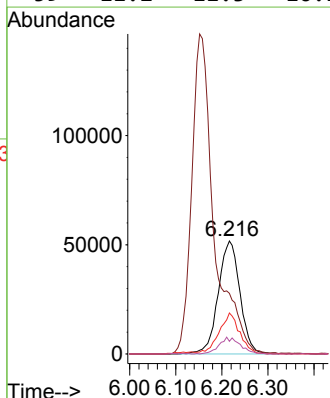
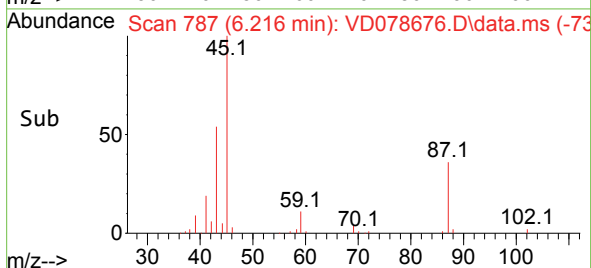


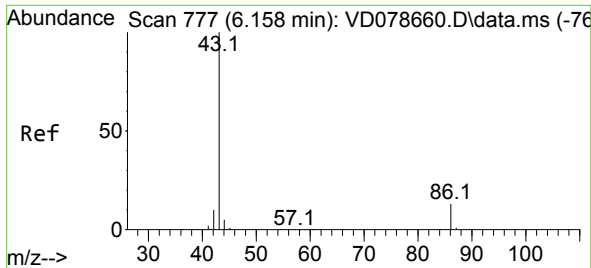
#22
Diisopropyl ether
Concen: 66.731 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35



Tgt Ion: 45 Resp: 169318

Ion	Ratio	Lower	Upper
45	100		
43	53.2	44.3	66.5
87	36.0	28.3	42.5
59	11.2	11.3	16.9

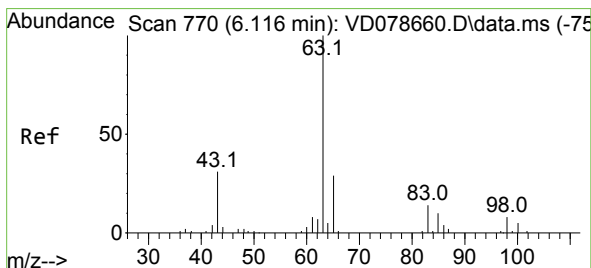
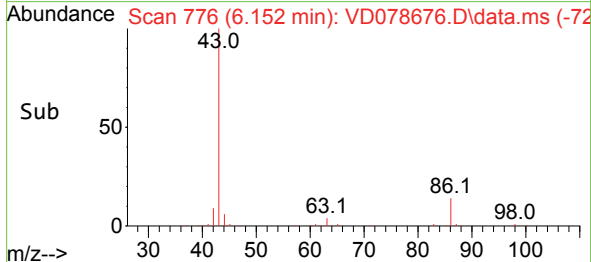
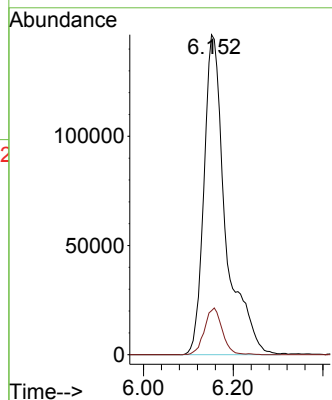
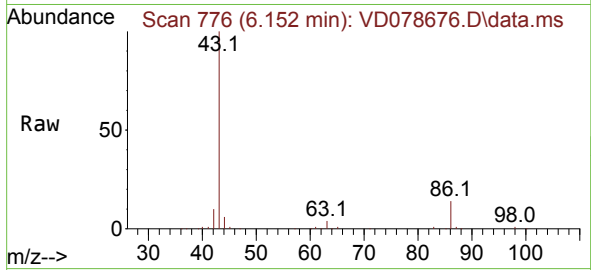




#23
 Vinyl Acetate
 Concen: 331.813 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD078676.D
 Acq: 14 Mar 2024 19:35

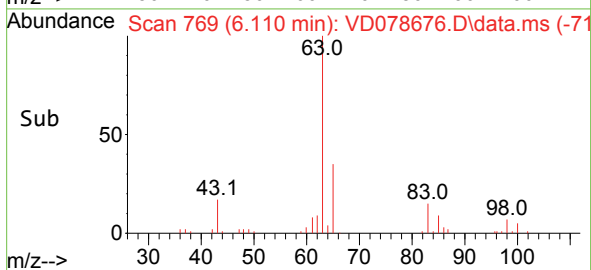
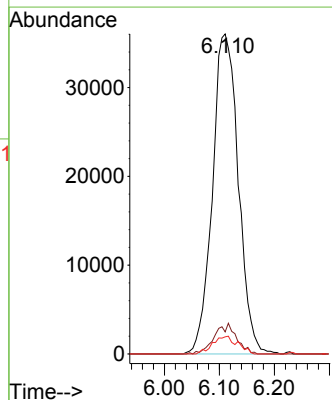
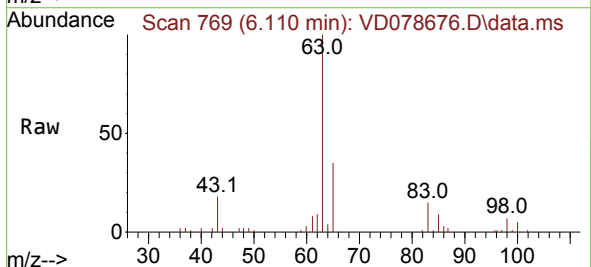
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

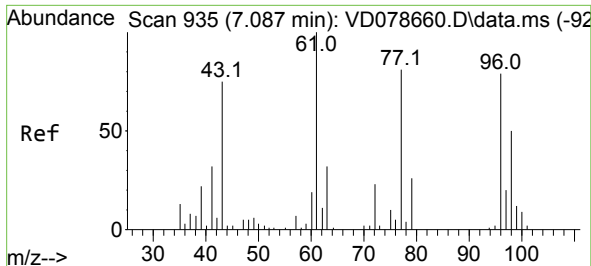
Tgt Ion: 43 Resp: 492470
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 61.932 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078676.D
 Acq: 14 Mar 2024 19:35

Tgt Ion: 63 Resp: 117814
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 11.9
 100 5.3 2.7 8.1

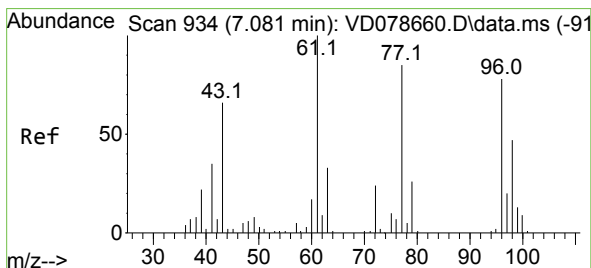
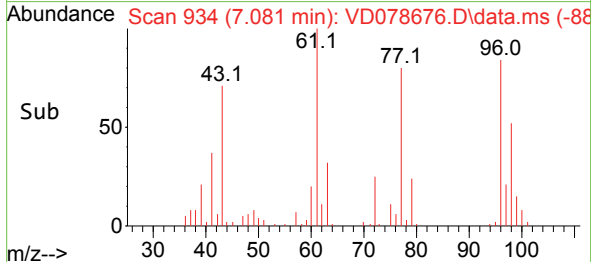
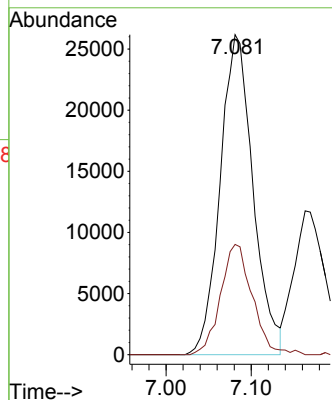
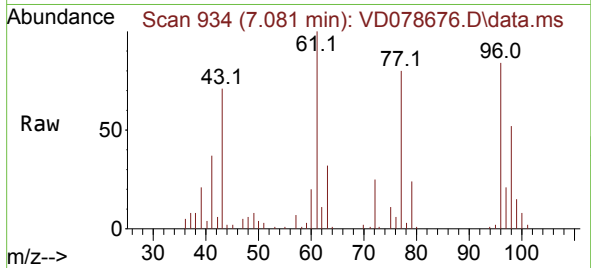




#25
2-Butanone
Concen: 297.346 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

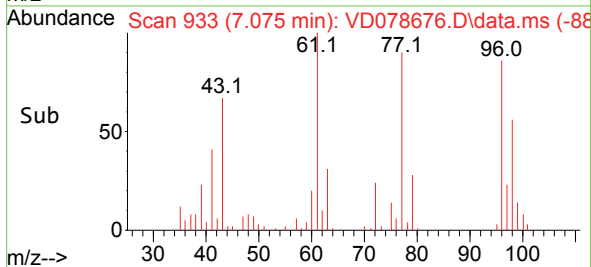
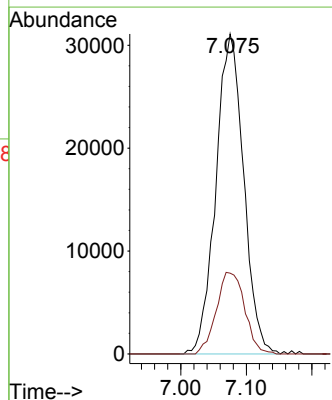
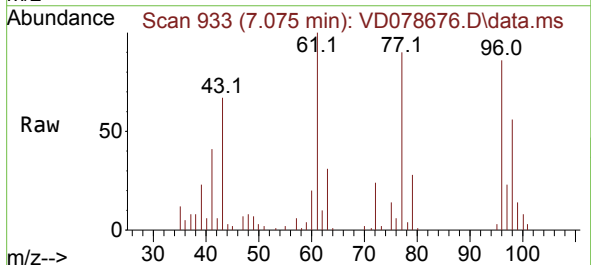
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

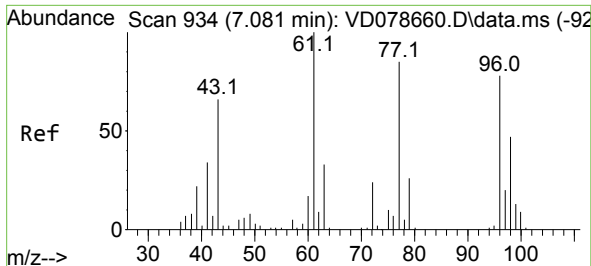
Tgt Ion: 43 Resp: 70031
Ion Ratio Lower Upper
43 100
72 34.4 25.0 37.6



#26
2,2-Dichloropropane
Concen: 56.758 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 77 Resp: 91351
Ion Ratio Lower Upper
77 100
97 26.0 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 61.705 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

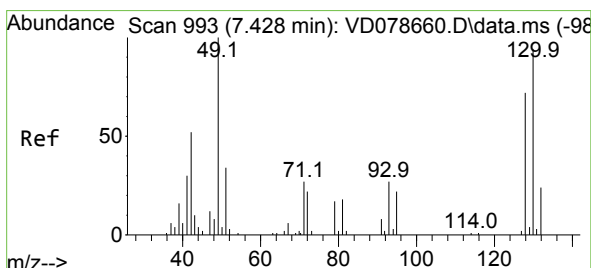
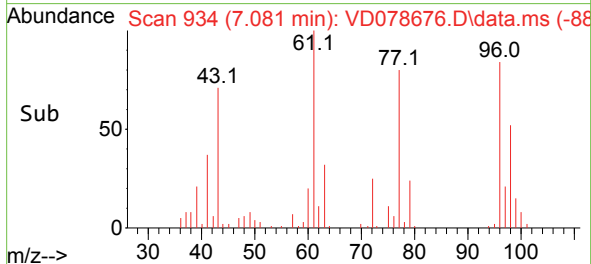
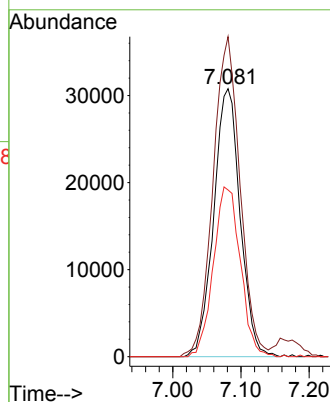
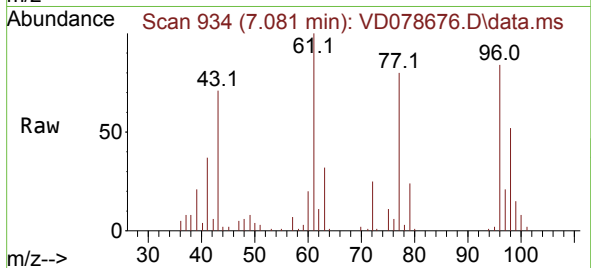
Tgt Ion: 96 Resp: 83058

Ion Ratio Lower Upper

96 100

61 121.9 0.0 245.0

98 64.5 0.0 126.6



#28

Bromochloromethane

Concen: 60.423 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

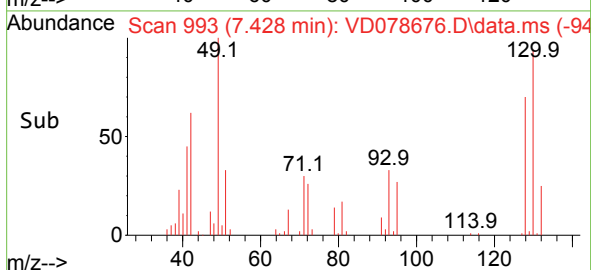
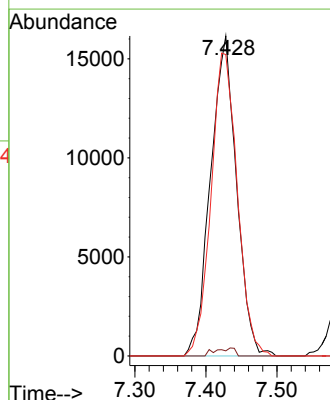
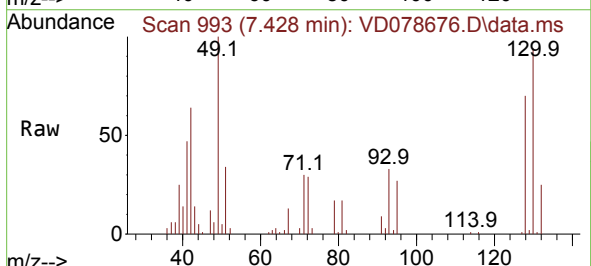
Tgt Ion: 49 Resp: 40979

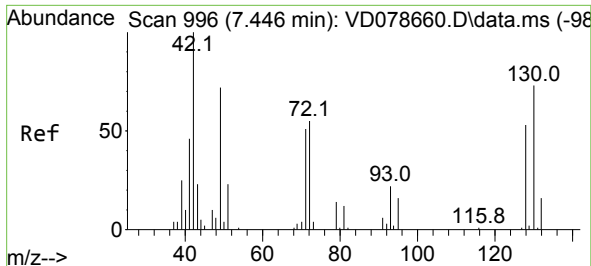
Ion Ratio Lower Upper

49 100

129 1.9 0.0 6.2

130 95.9 77.1 115.7





#29

Tetrahydrofuran

Concen: 349.085 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

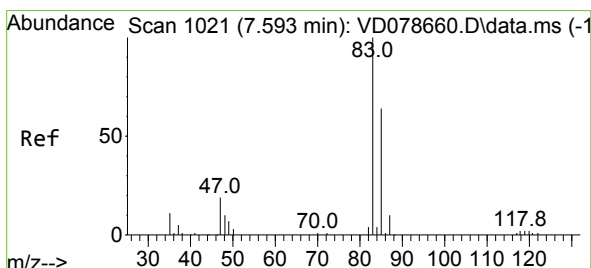
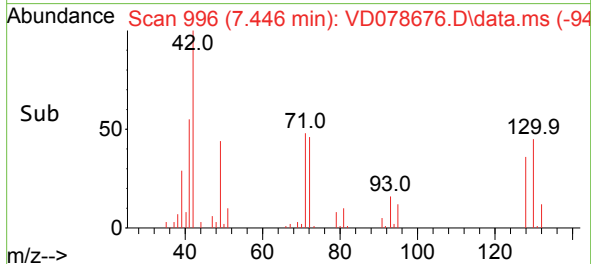
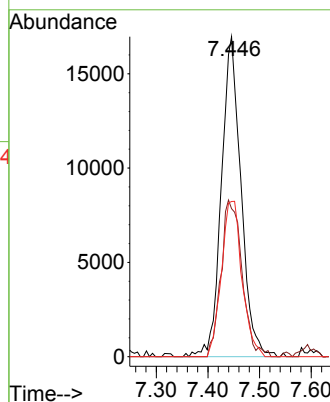
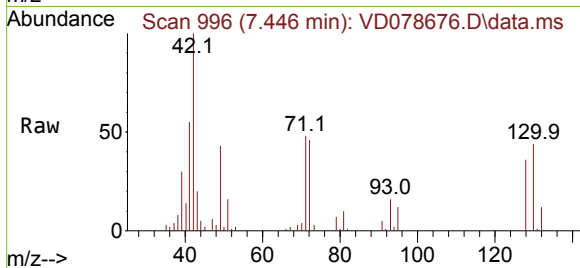
Tgt Ion: 42 Resp: 44718

Ion Ratio Lower Upper

42 100

72 52.5 43.8 65.6

71 51.0 42.0 63.0



#30

Chloroform

Concen: 62.572 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078676.D

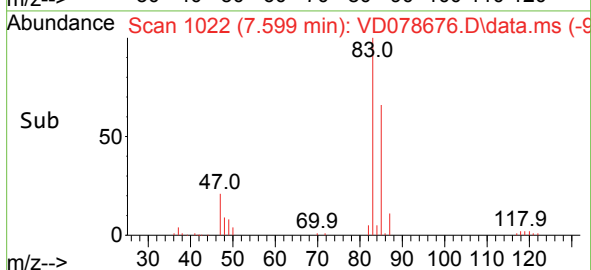
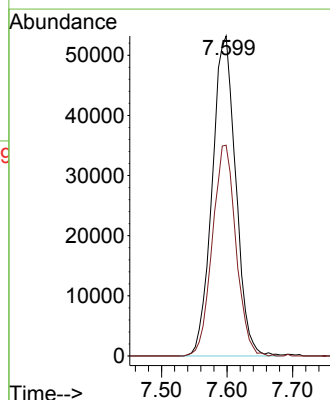
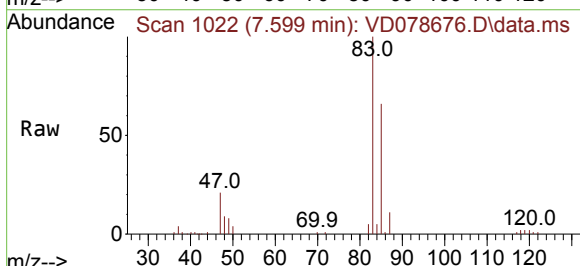
Acq: 14 Mar 2024 19:35

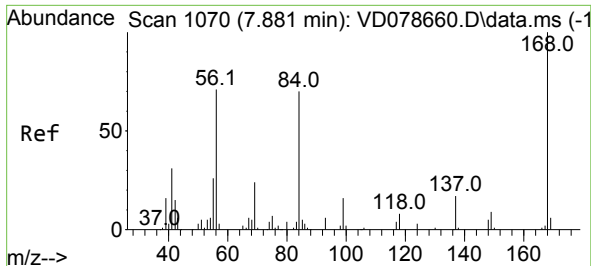
Tgt Ion: 83 Resp: 132718

Ion Ratio Lower Upper

83 100

85 65.9 51.2 76.8

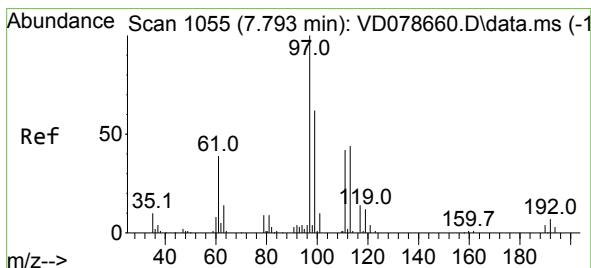
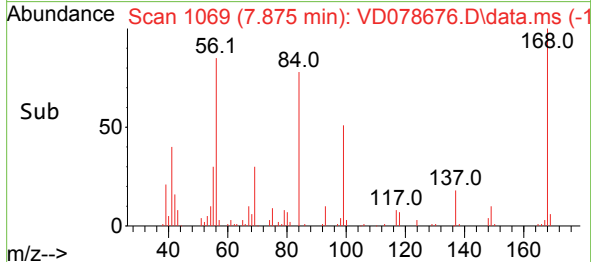
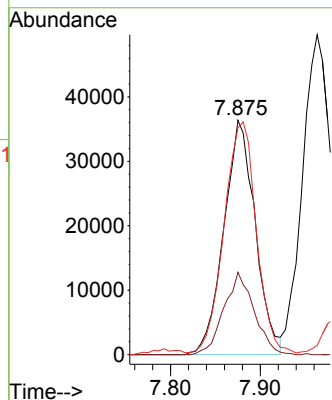
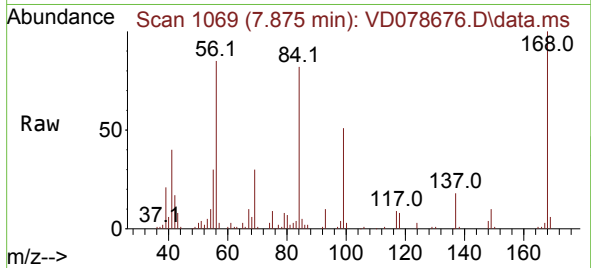




#31
Cyclohexane
Concen: 57.509 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

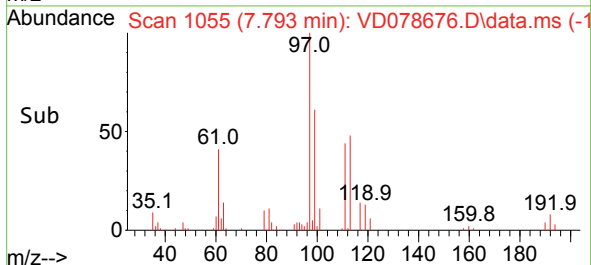
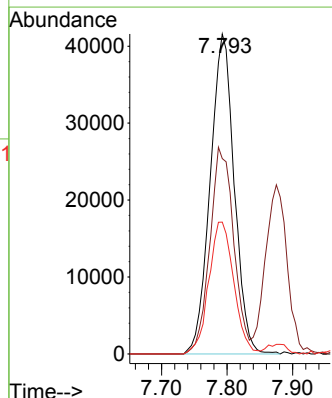
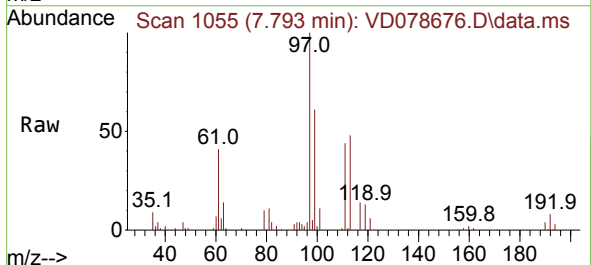
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

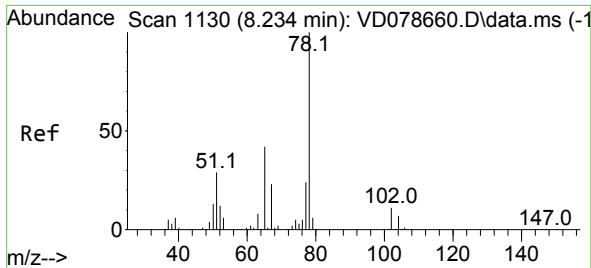
Tgt Ion: 56 Resp: 88551
Ion Ratio Lower Upper
56 100
69 35.1 26.6 40.0
84 94.9 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 58.768 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 97 Resp: 105758
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.9 33.0 49.6

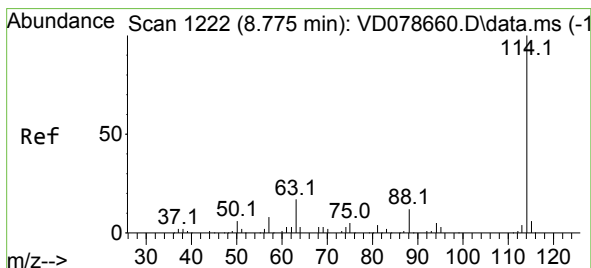
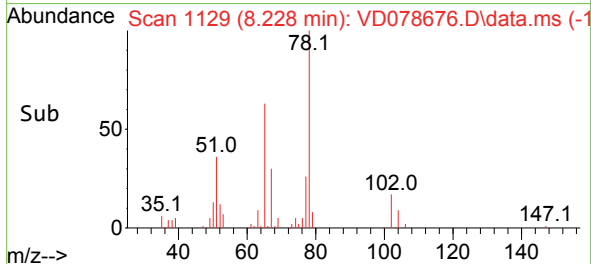
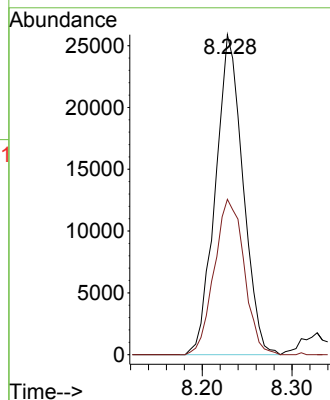
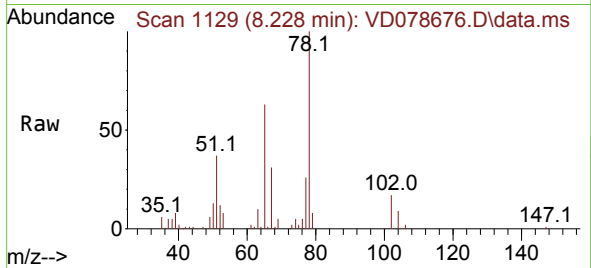




#33
1,2-Dichloroethane-d4
Concen: 60.189 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

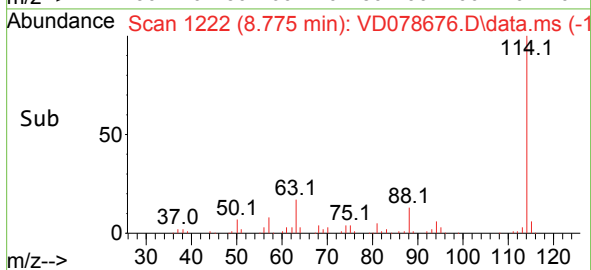
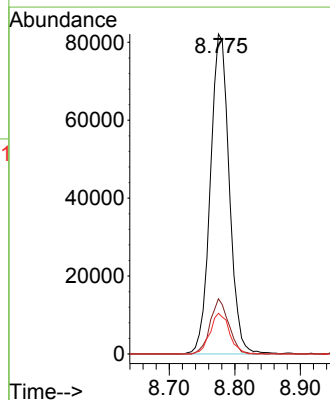
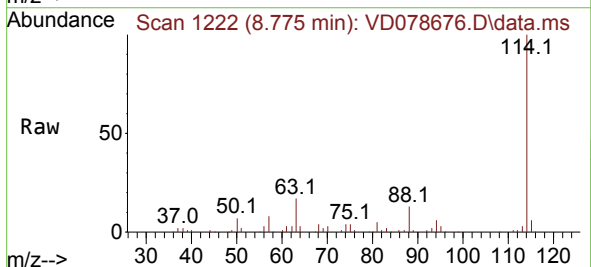
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

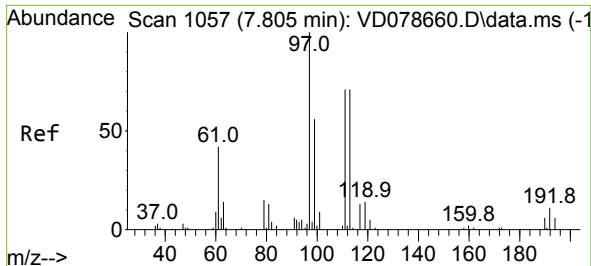
Tgt Ion: 65 Resp: 55139
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:114 Resp: 164440
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 12.7 0.0 24.6





#35

Dibromofluoromethane

Concen: 58.287 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

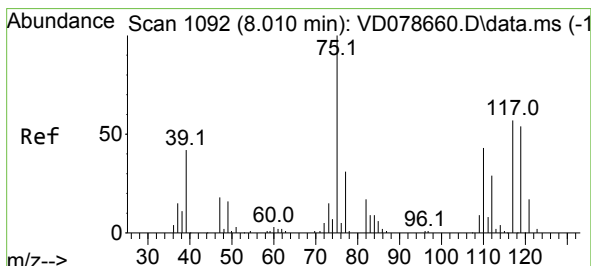
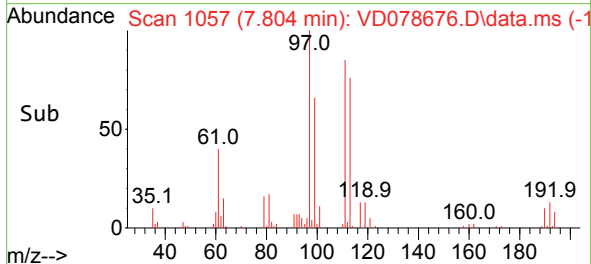
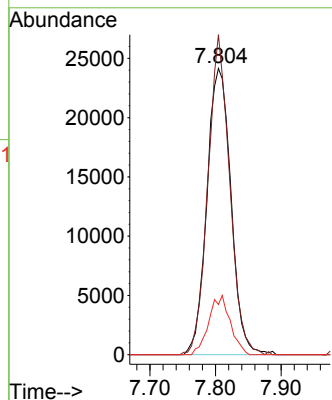
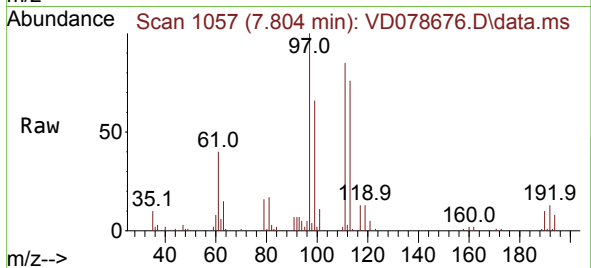
Tgt Ion:113 Resp: 61711

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

192 18.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 63.519 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

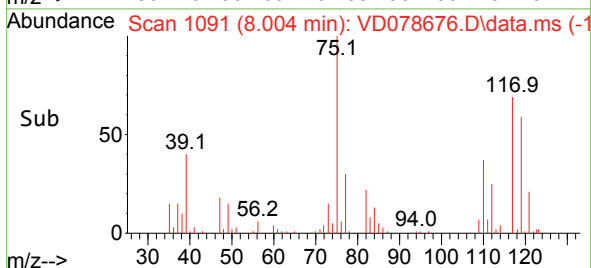
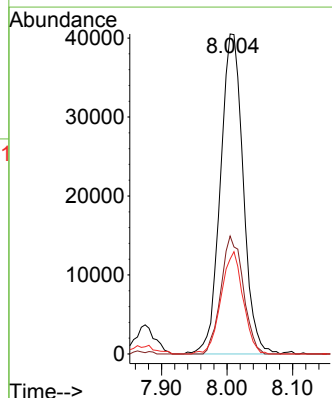
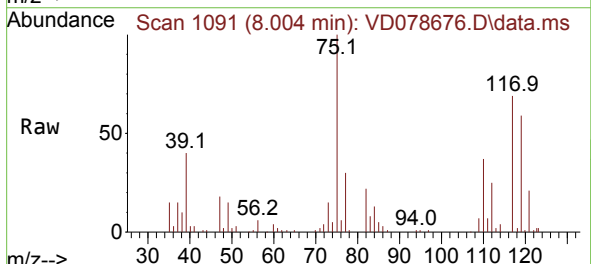
Tgt Ion: 75 Resp: 97575

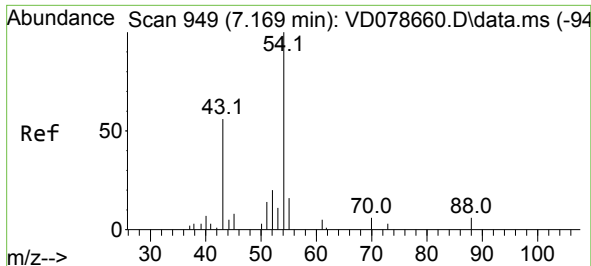
Ion Ratio Lower Upper

75 100

110 36.1 19.1 57.1

77 31.0 25.4 38.2





#37

Ethyl Acetate

Concen: 63.061 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

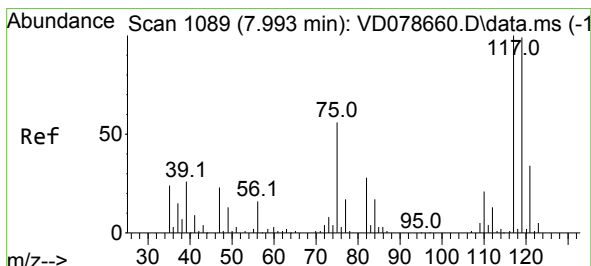
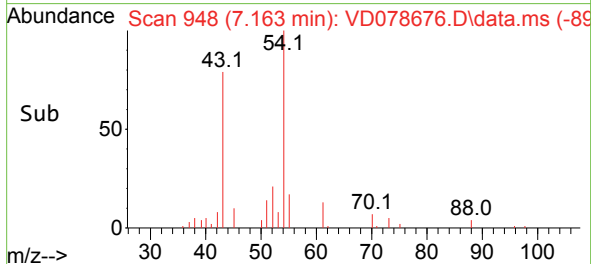
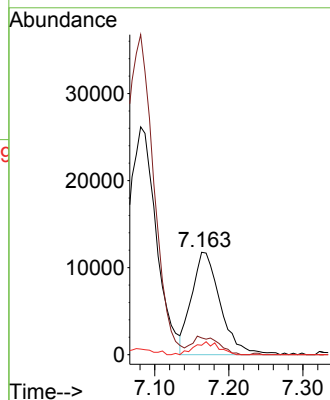
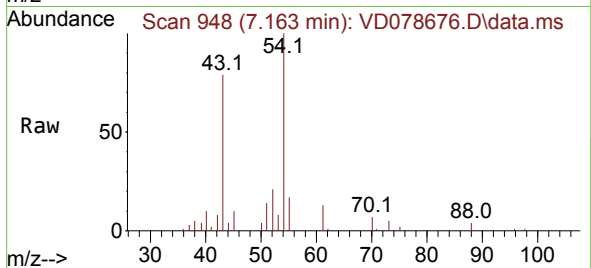
Tgt Ion: 43 Resp: 31647

Ion Ratio Lower Upper

43 100

61 16.5 14.6 21.8

70 10.7 9.4 14.0



#38

Carbon Tetrachloride

Concen: 60.286 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

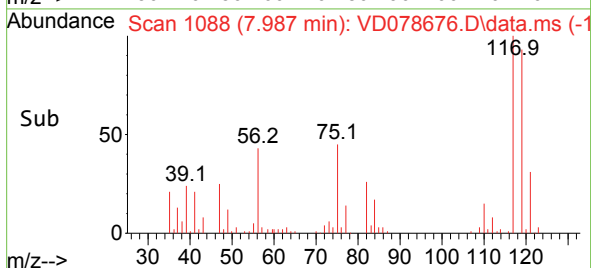
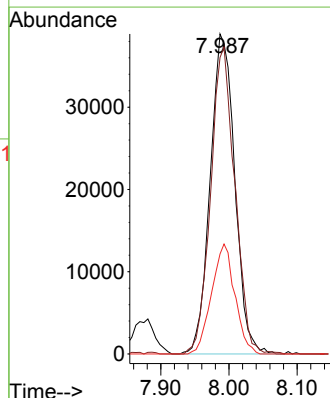
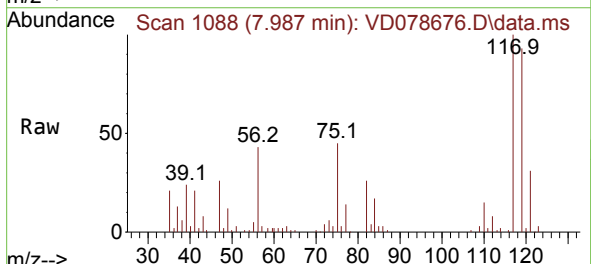
Tgt Ion: 117 Resp: 97632

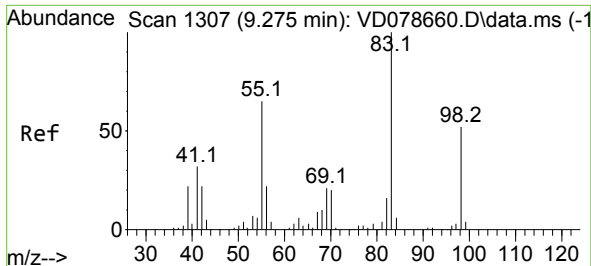
Ion Ratio Lower Upper

117 100

119 92.7 79.2 118.8

121 31.2 26.8 40.2

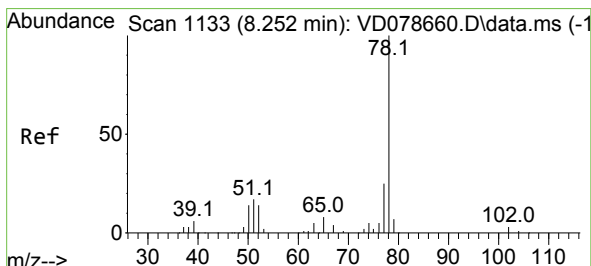
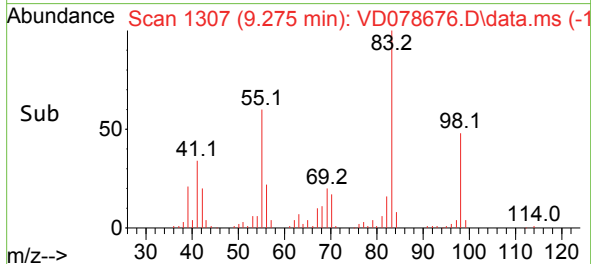
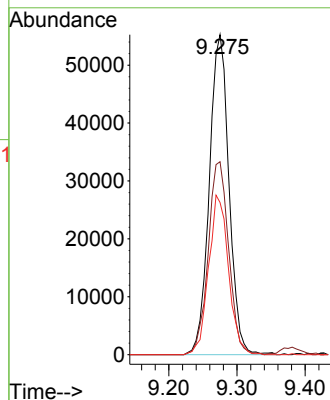
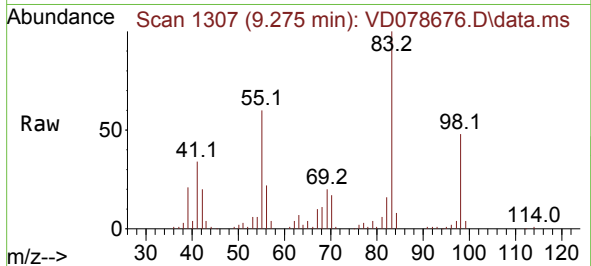




#39
Methylcyclohexane
Concen: 62.417 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

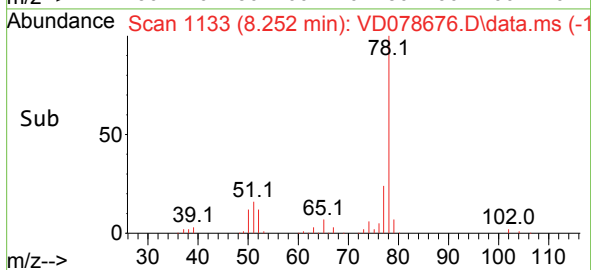
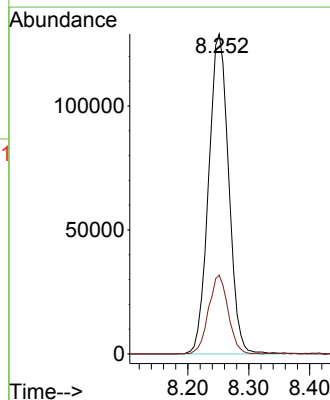
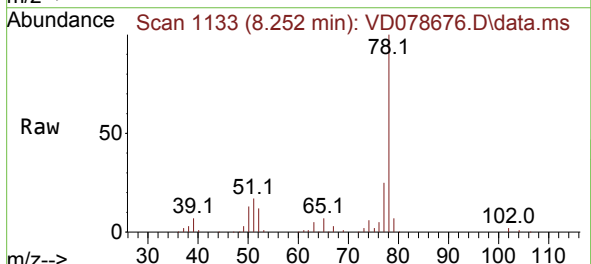
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

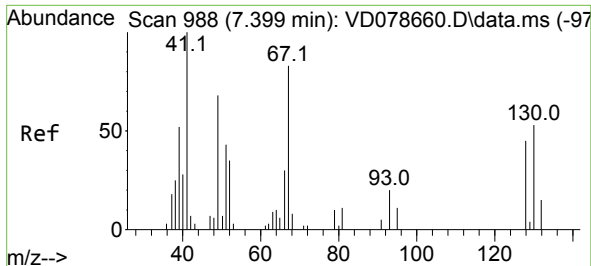
Tgt Ion: 83 Resp: 111227
Ion Ratio Lower Upper
83 100
55 60.3 51.7 77.5
98 47.6 41.4 62.0



#40
Benzene
Concen: 63.534 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 78 Resp: 295028
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6



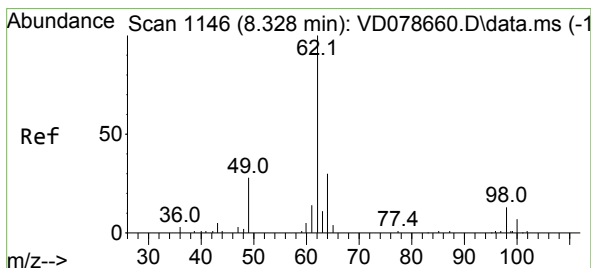
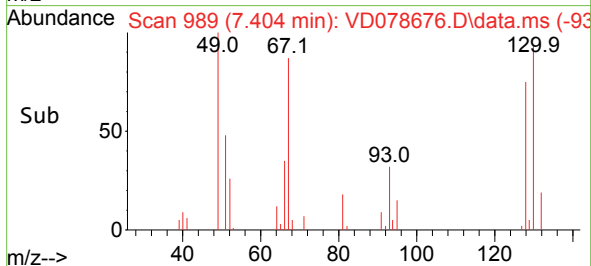
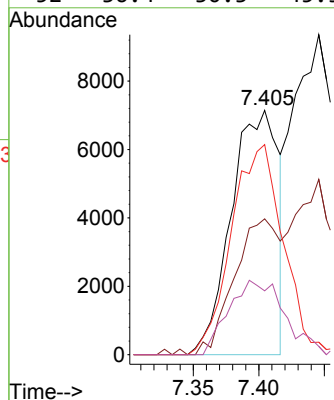
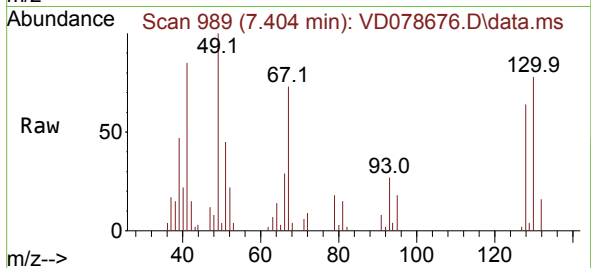


#41
Methacrylonitrile
Concen: 67.930 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 17865

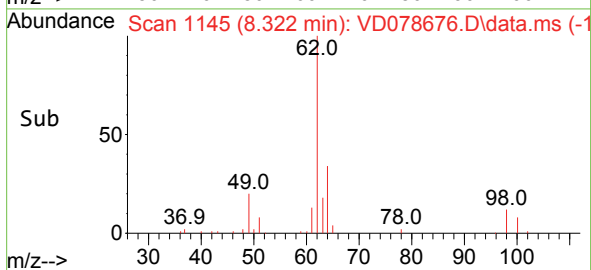
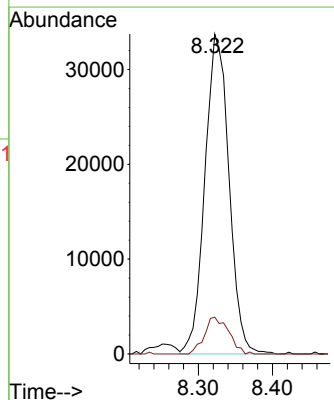
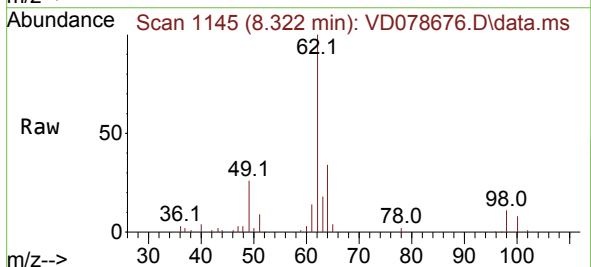
Ion	Ratio	Lower	Upper
41	100		
39	52.9	39.8	59.6
67	94.5	83.5	125.3
52	36.4	30.3	45.5

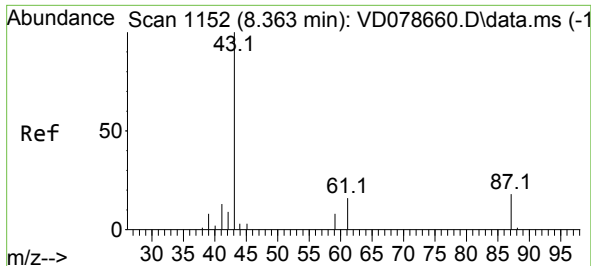


#42
1,2-Dichloroethane
Concen: 67.361 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 62 Resp: 76282

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	23.8

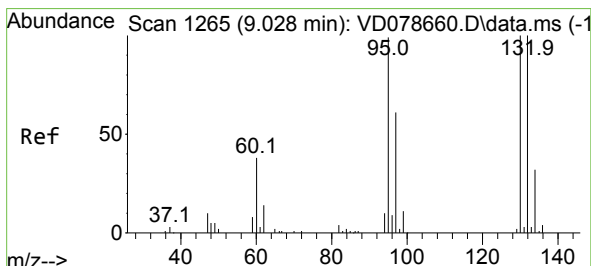
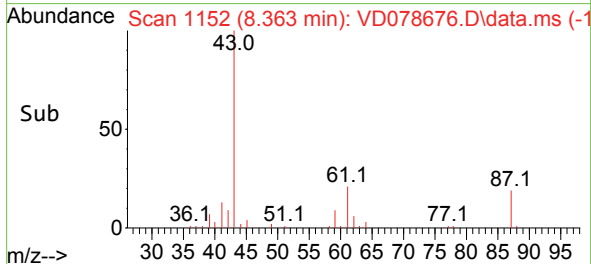
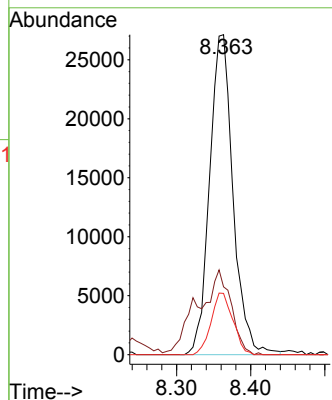
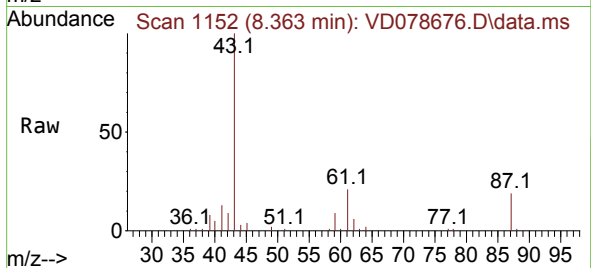




#43
Isopropyl Acetate
Concen: 65.368 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

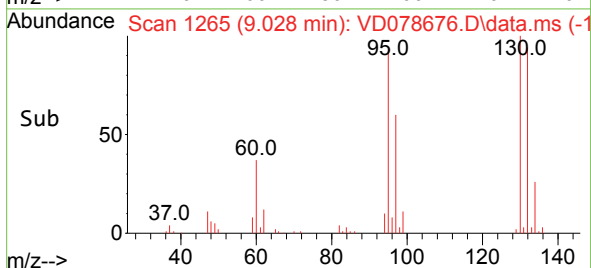
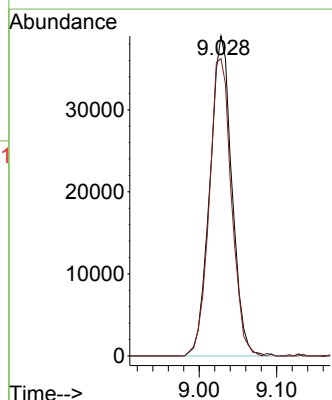
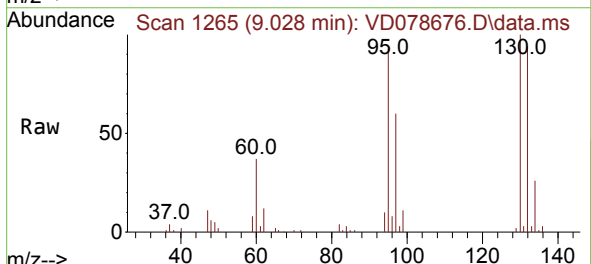
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

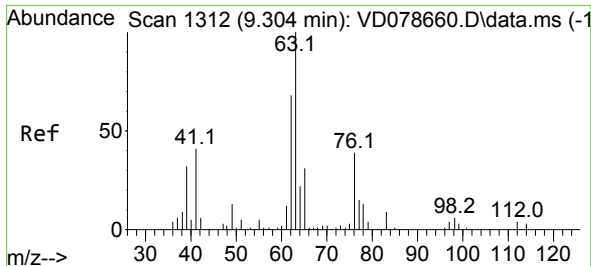
Tgt Ion: 43 Resp: 59659
Ion Ratio Lower Upper
43 100
61 24.8 30.1 45.1#
87 17.8 14.4 21.6



#44
Trichloroethene
Concen: 60.939 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:130 Resp: 76795
Ion Ratio Lower Upper
130 100
95 92.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 65.222 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

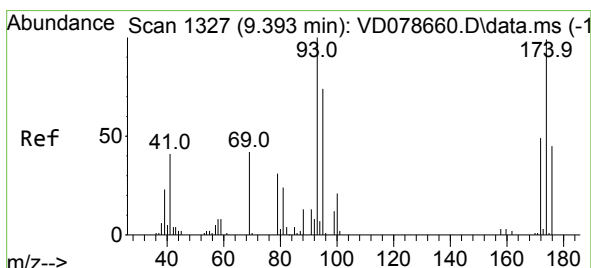
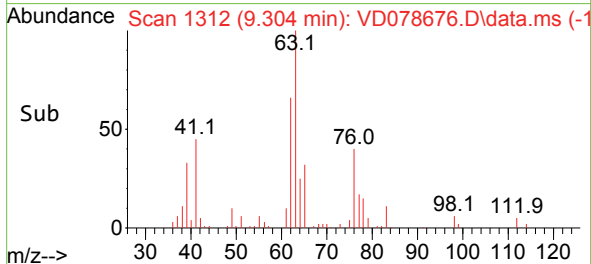
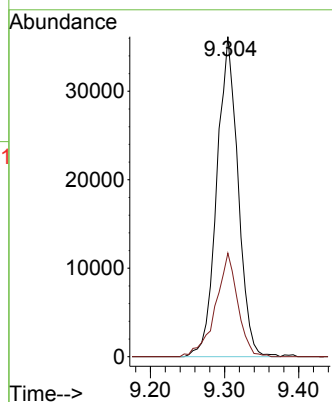
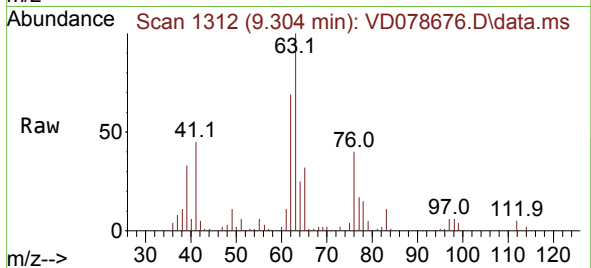
VSTDCCC050EC

Tgt Ion: 63 Resp: 71846

Ion Ratio Lower Upper

63 100

65 32.4 24.8 37.2



#46

Dibromomethane

Concen: 65.060 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

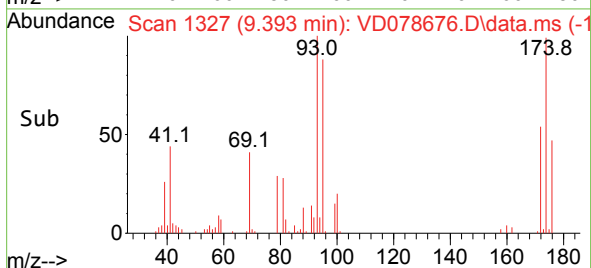
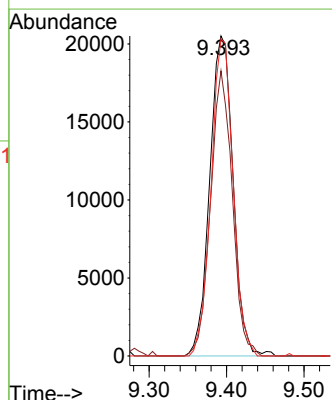
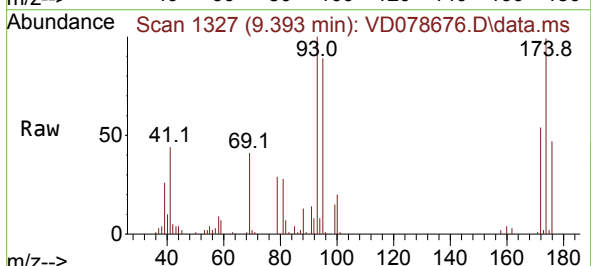
Tgt Ion: 93 Resp: 42961

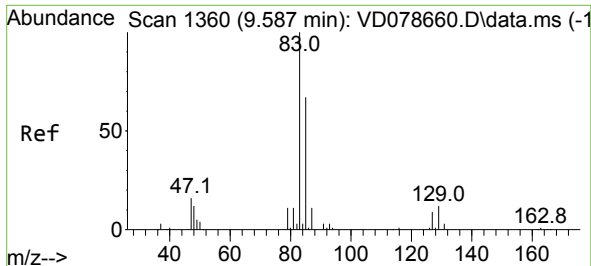
Ion Ratio Lower Upper

93 100

95 83.1 67.3 100.9

174 93.6 80.9 121.3

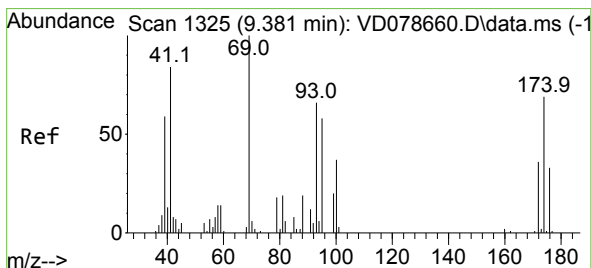
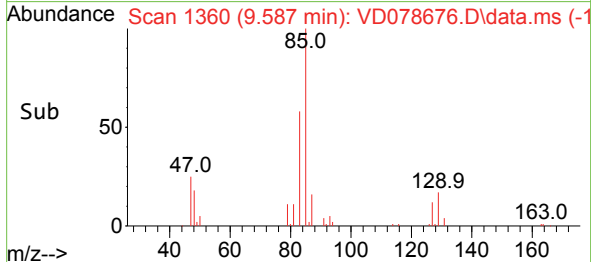
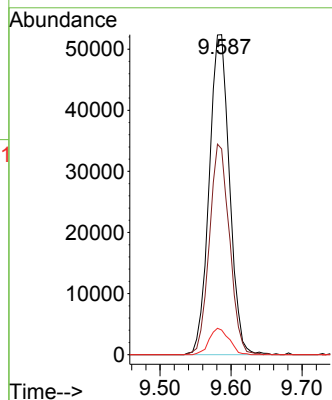
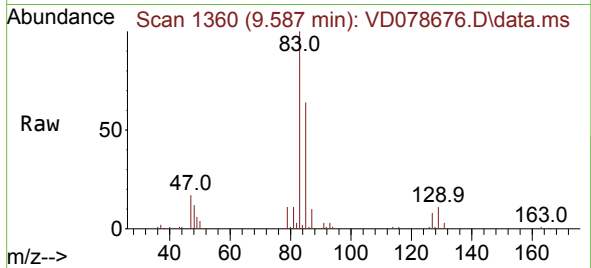




#47
Bromodichloromethane
Concen: 66.260 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

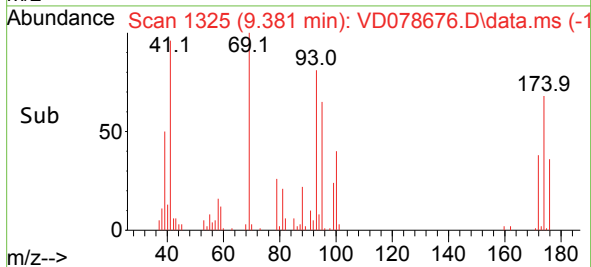
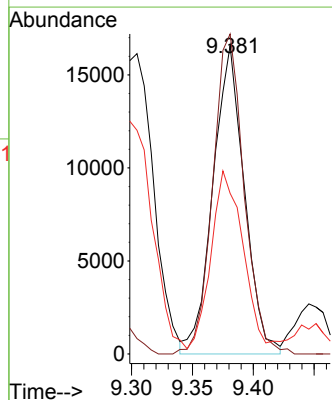
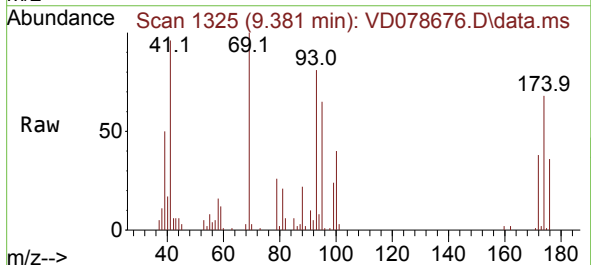
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

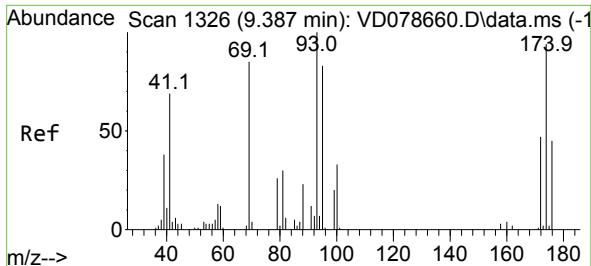
Tgt Ion: 83 Resp: 104159
Ion Ratio Lower Upper
83 100
85 64.3 54.0 81.0
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 66.976 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 41 Resp: 29784
Ion Ratio Lower Upper
41 100
69 103.1 88.3 132.5
39 59.4 46.6 69.8





#49

1,4-Dioxane

Concen: 1291.142 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

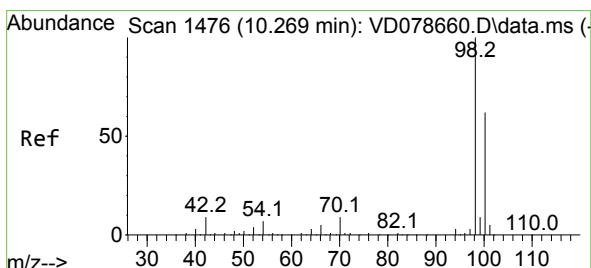
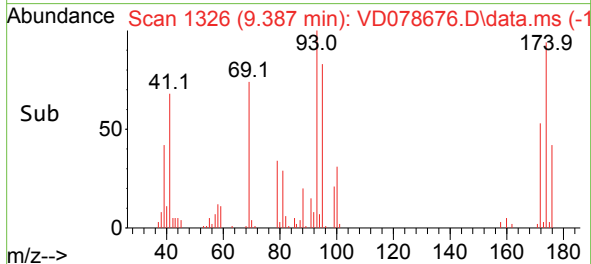
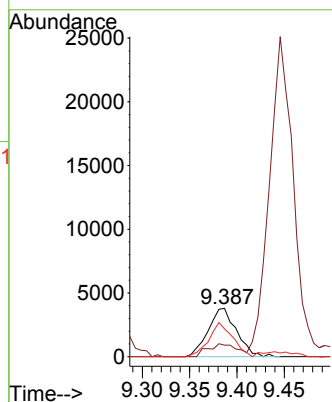
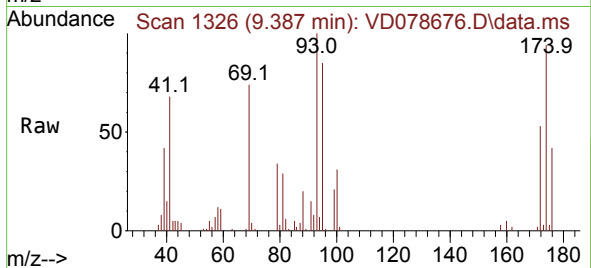
Tgt Ion: 88 Resp: 7894

Ion Ratio Lower Upper

88 100

43 27.4 23.2 34.8

58 58.9 51.0 76.6



#50

Toluene-d8

Concen: 57.849 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078676.D

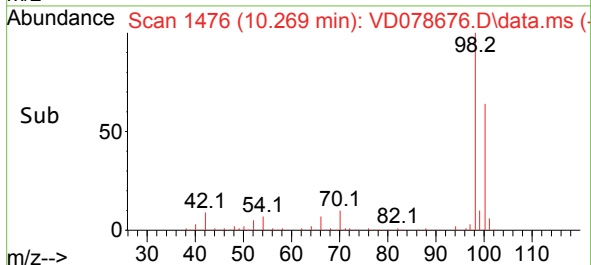
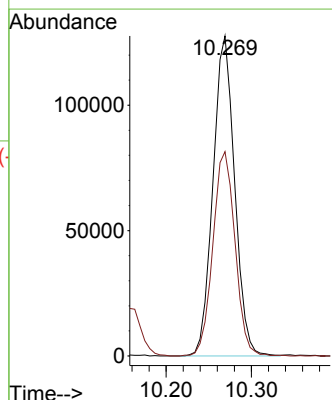
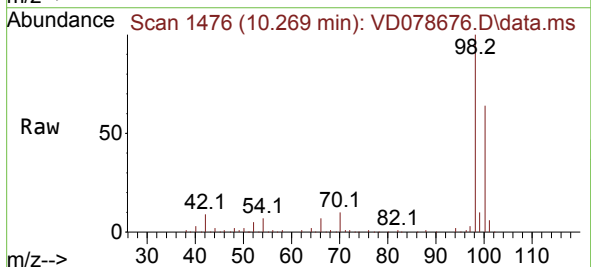
Acq: 14 Mar 2024 19:35

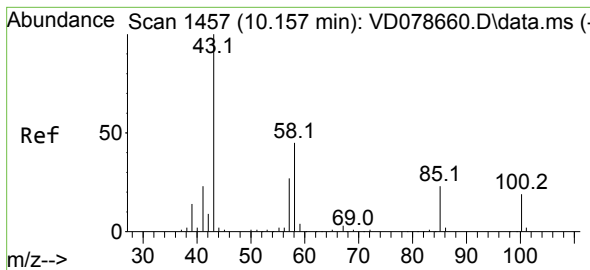
Tgt Ion: 98 Resp: 225251

Ion Ratio Lower Upper

98 100

100 65.4 50.5 75.7

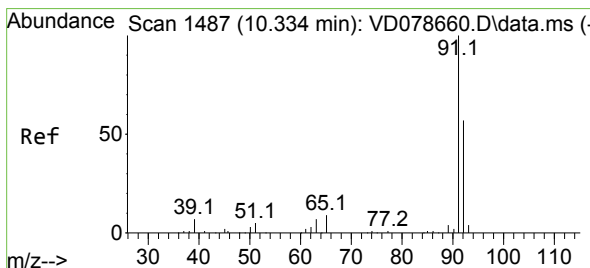
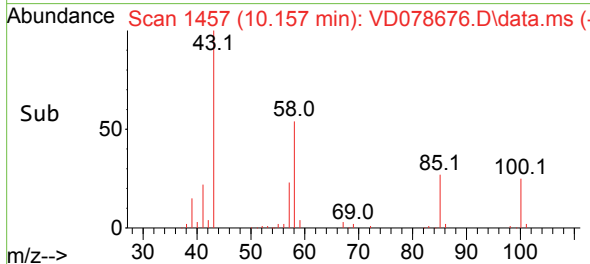
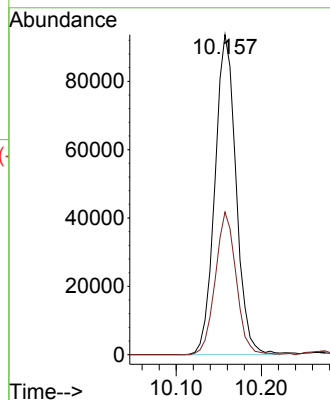
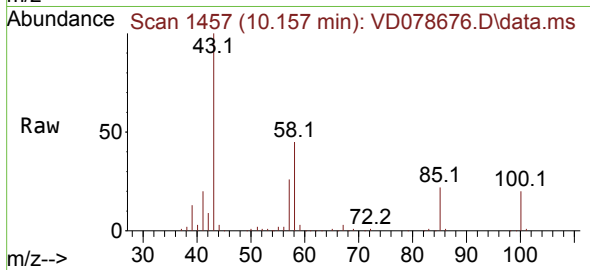




#51
4-Methyl-2-Pentanone
Concen: 339.265 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

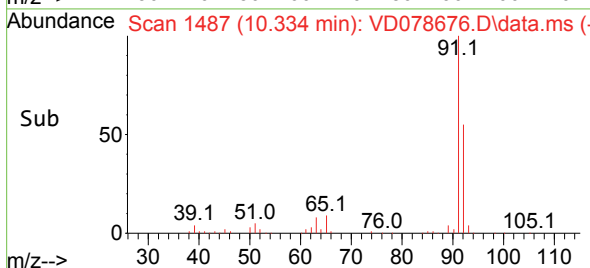
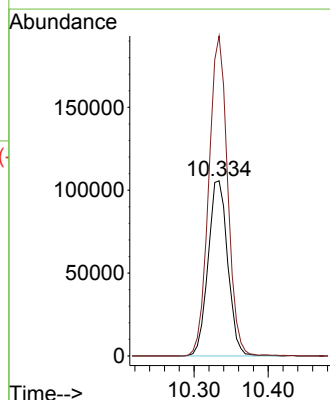
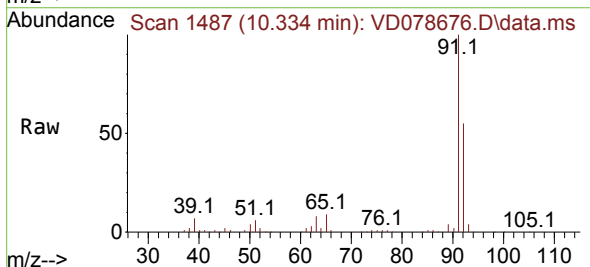
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

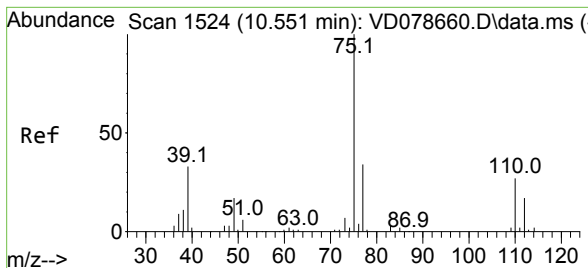
Tgt Ion: 43 Resp: 161874
Ion Ratio Lower Upper
43 100
58 44.0 36.4 54.6



#52
Toluene
Concen: 65.055 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 92 Resp: 194489
Ion Ratio Lower Upper
92 100
91 175.6 136.6 205.0

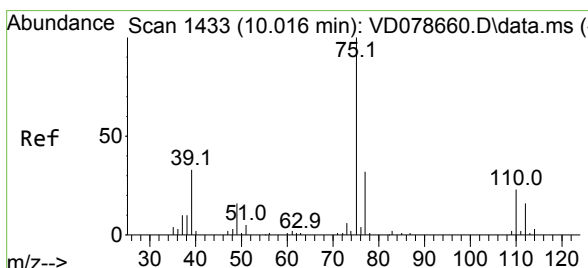
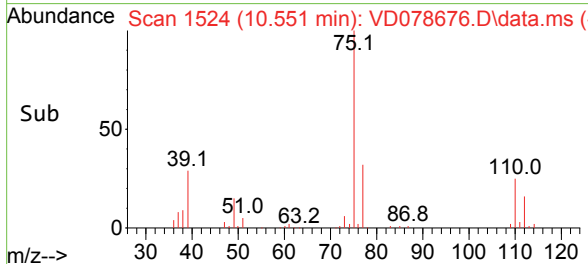
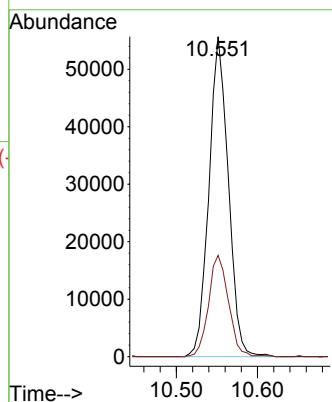
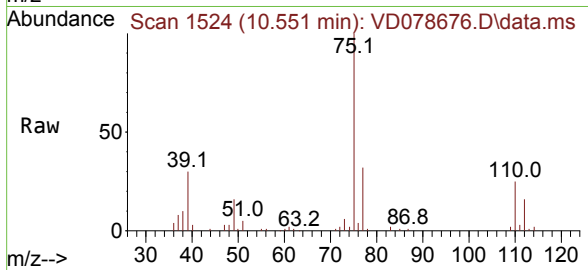




#53
 t-1,3-Dichloropropene
 Concen: 64.215 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078676.D
 Acq: 14 Mar 2024 19:35

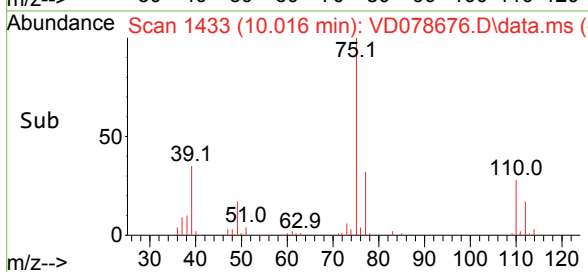
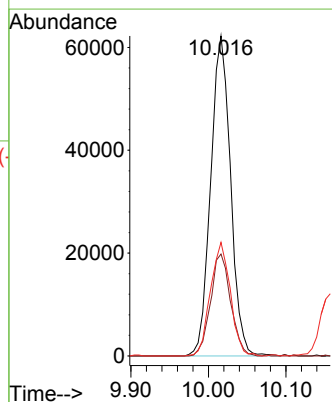
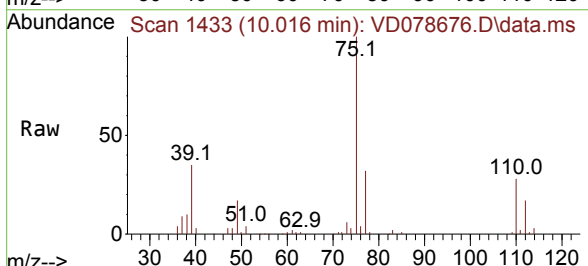
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

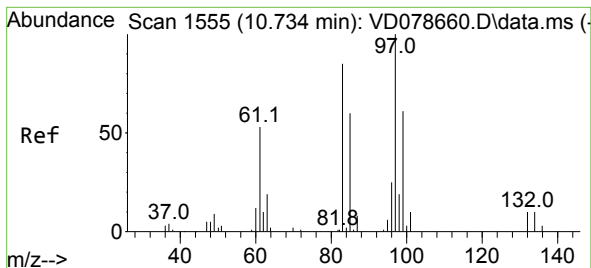
Tgt Ion: 75 Resp: 92294
 Ion Ratio Lower Upper
 75 100
 77 31.6 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 64.287 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078676.D
 Acq: 14 Mar 2024 19:35

Tgt Ion: 75 Resp: 111076
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 35.5 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 66.273 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 58603

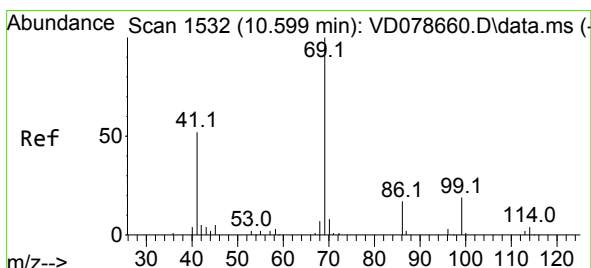
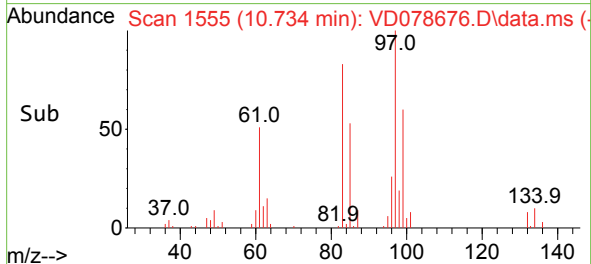
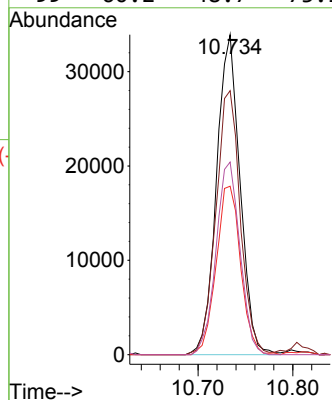
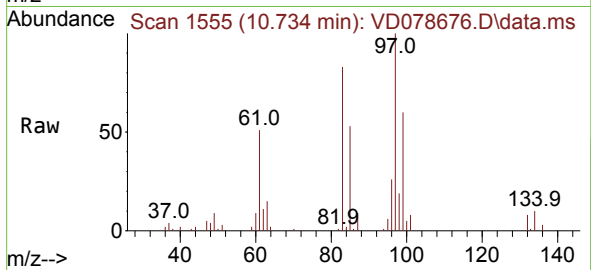
Ion Ratio Lower Upper

97 100

83 82.5 68.1 102.1

85 52.7 48.2 72.2

99 60.2 48.7 73.1



#56

Ethyl methacrylate

Concen: 68.881 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

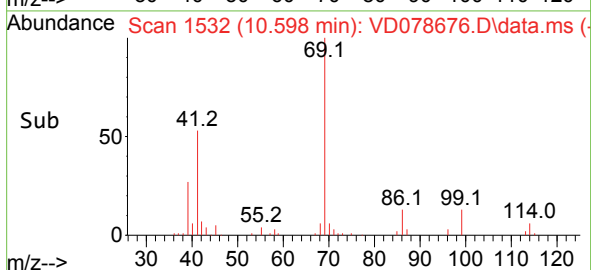
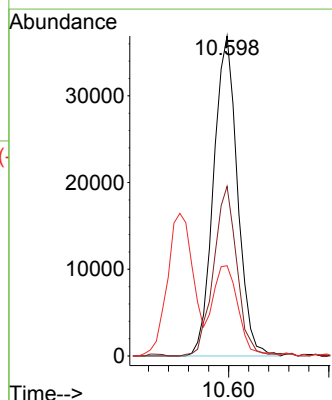
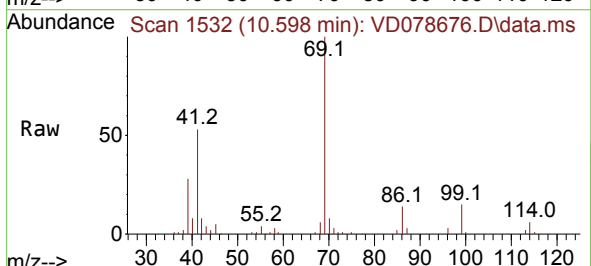
Tgt Ion: 69 Resp: 61060

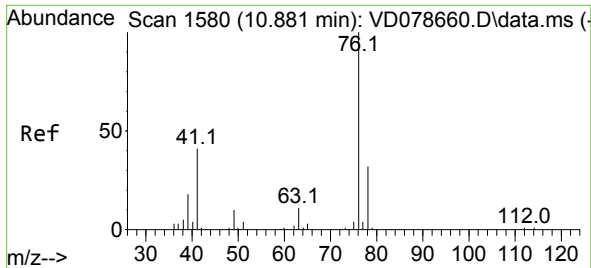
Ion Ratio Lower Upper

69 100

41 51.9 40.9 61.3

39 29.2 25.5 38.3

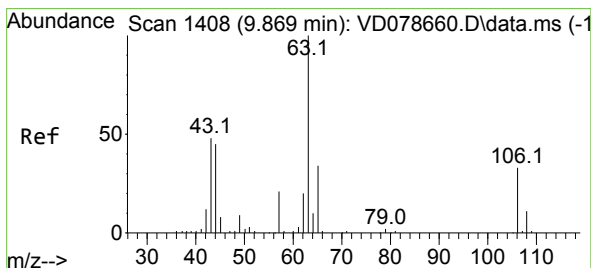
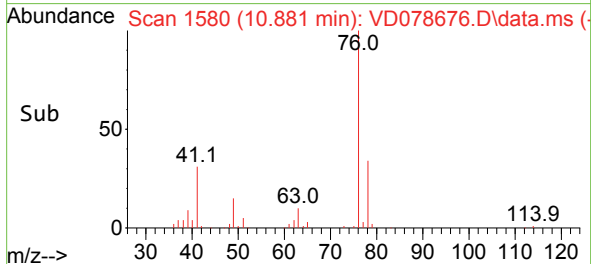
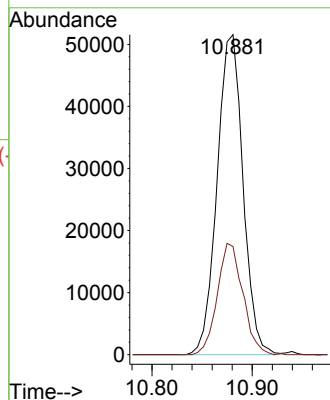
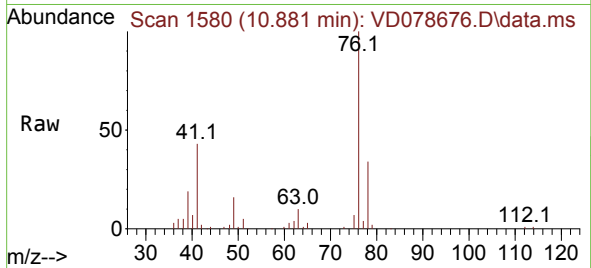




#57
1,3-Dichloropropane
Concen: 64.829 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

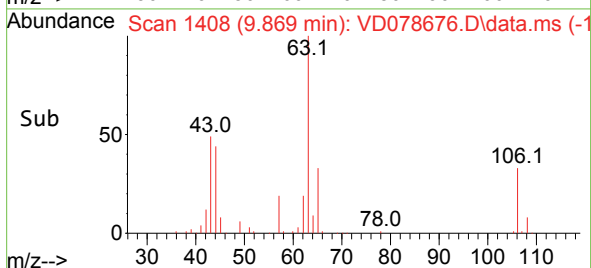
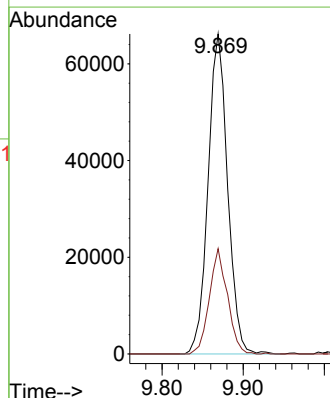
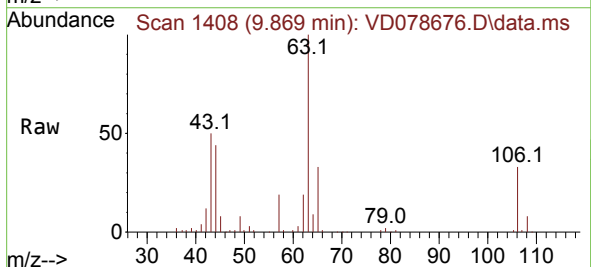
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

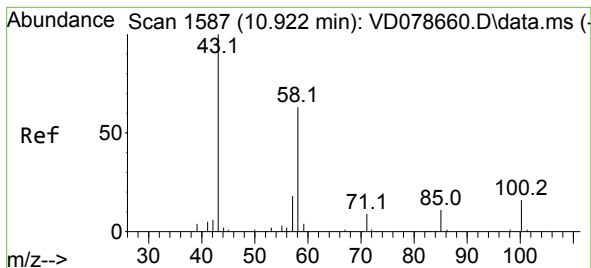
Tgt Ion: 76 Resp: 92500
Ion Ratio Lower Upper
76 100
78 34.2 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 282.863 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 63 Resp: 110564
Ion Ratio Lower Upper
63 100
106 30.5 25.2 37.8





#59

2-Hexanone

Concen: 318.520 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

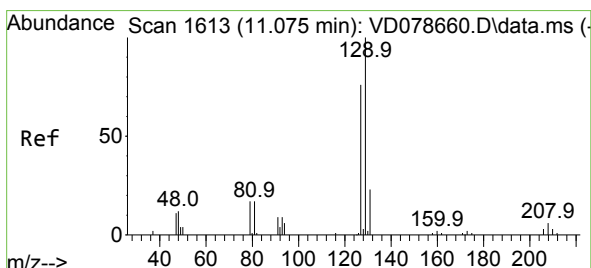
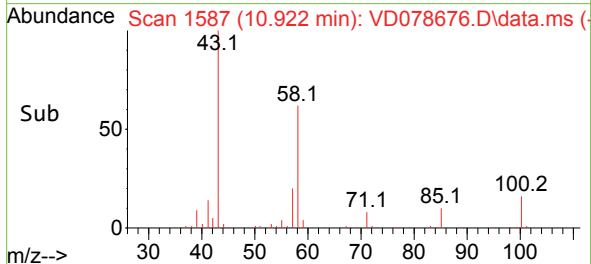
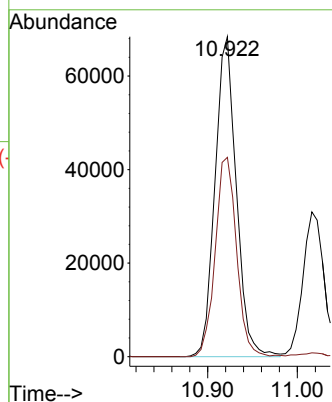
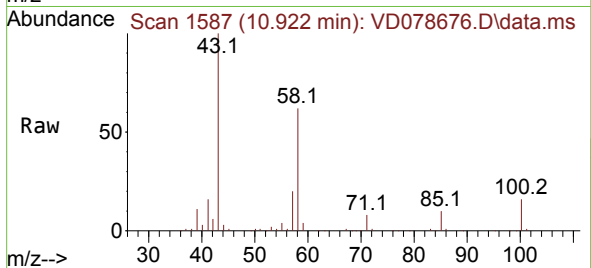
VSTDCCC050EC

Tgt Ion: 43 Resp: 112661

Ion Ratio Lower Upper

43 100

58 62.5 31.5 94.5



#60

Dibromochloromethane

Concen: 66.883 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078676.D

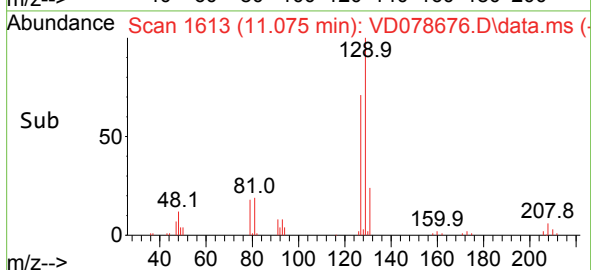
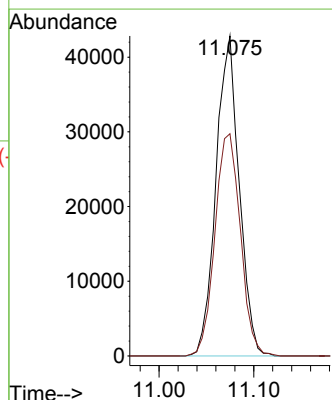
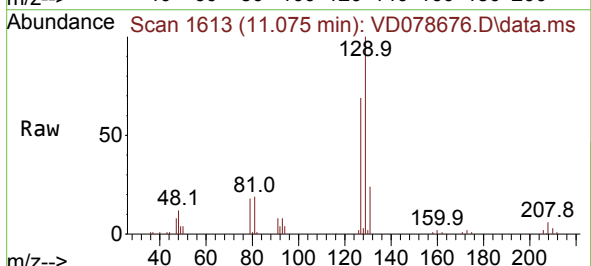
Acq: 14 Mar 2024 19:35

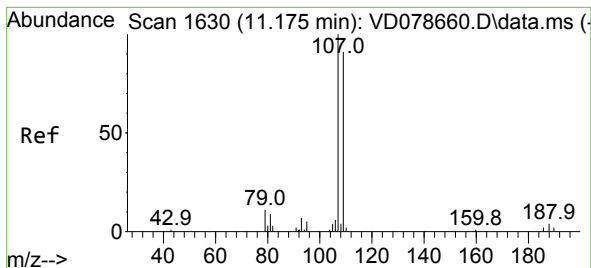
Tgt Ion:129 Resp: 72936

Ion Ratio Lower Upper

129 100

127 76.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 64.537 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

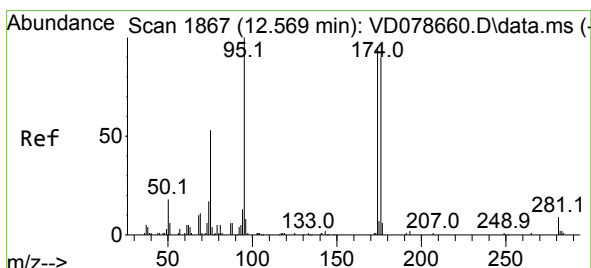
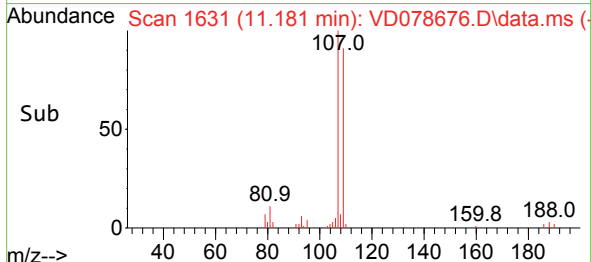
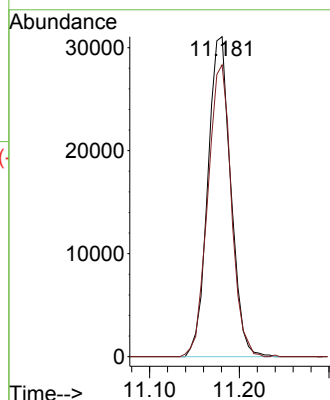
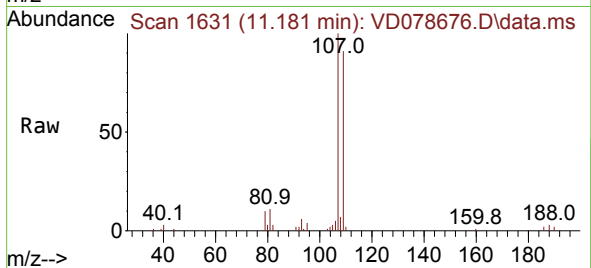
VSTDCCC050EC

Tgt Ion:107 Resp: 55228

Ion Ratio Lower Upper

107 100

109 93.4 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 61.014 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

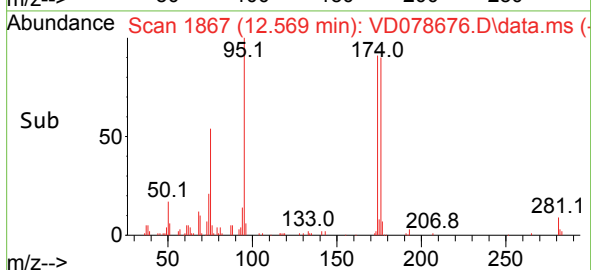
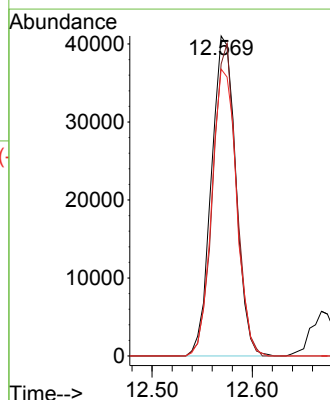
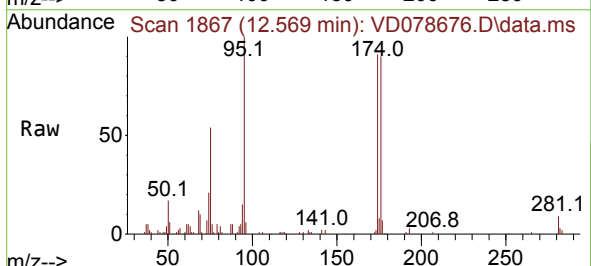
Tgt Ion: 95 Resp: 69503

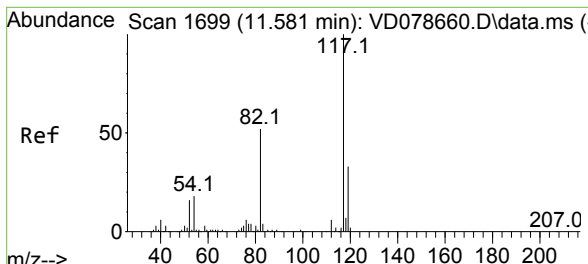
Ion Ratio Lower Upper

95 100

174 93.1 0.0 195.2

176 90.7 0.0 188.2

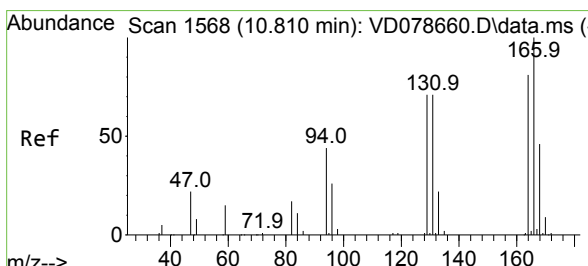
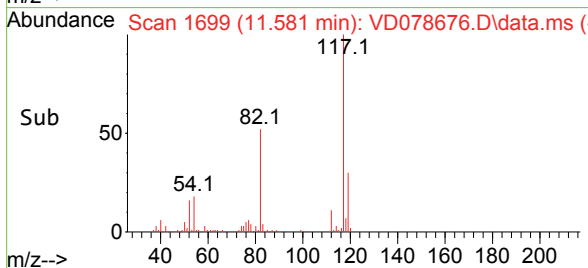
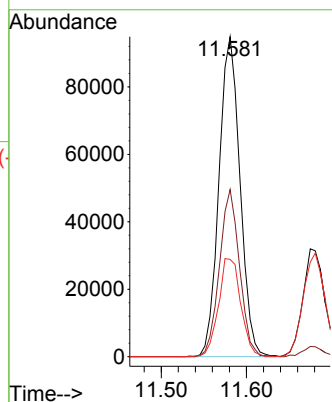
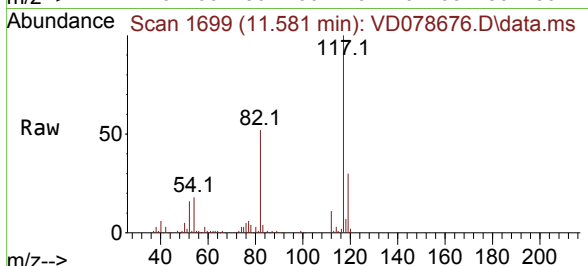




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

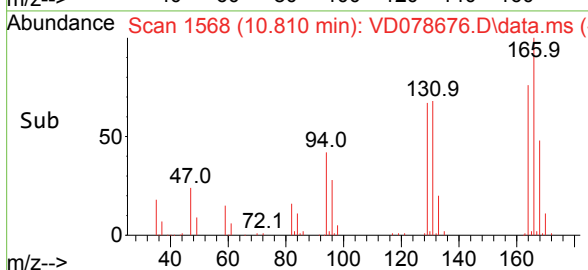
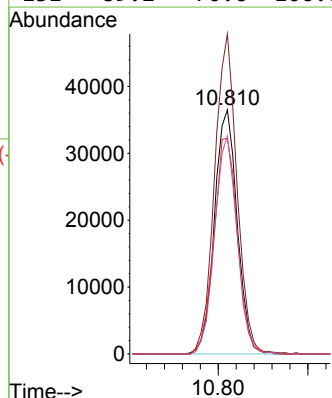
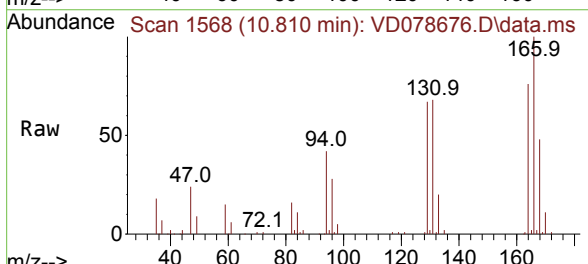
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

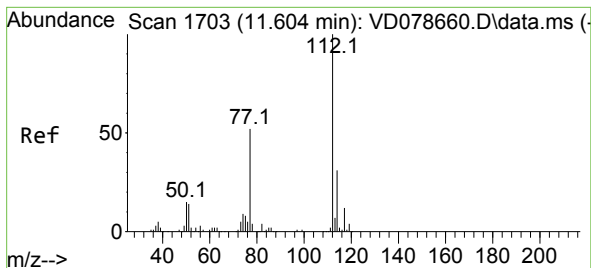
Tgt Ion:117	Resp: 163045
Ion Ratio	Lower Upper
117	100
82	52.3 41.4 62.2
119	30.4 26.5 39.7



#64
Tetrachloroethene
Concen: 59.442 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:164	Resp: 64136
Ion Ratio	Lower Upper
164	100
166	131.1 98.9 148.3
129	88.4 70.3 105.5
131	89.2 70.6 106.0





#65

Chlorobenzene

Concen: 59.885 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

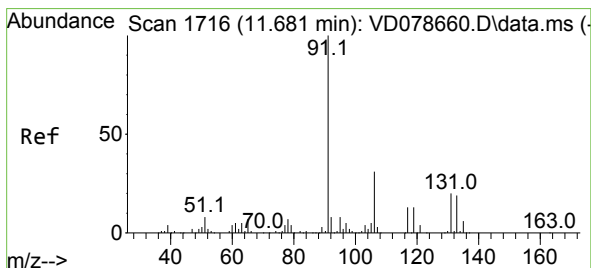
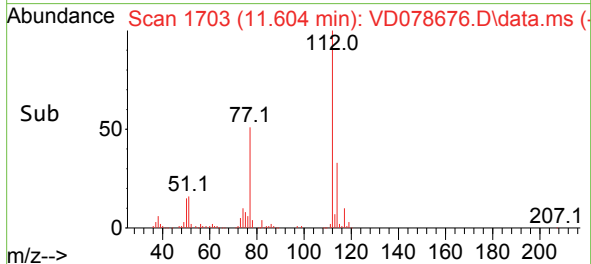
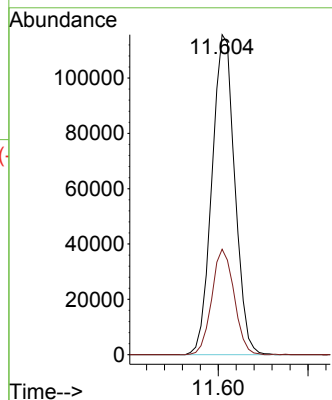
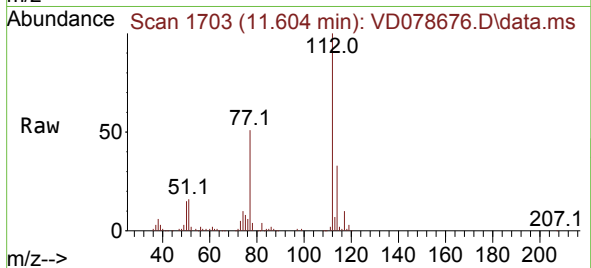
VSTDCCC050EC

Tgt Ion:112 Resp: 204036

Ion Ratio Lower Upper

112 100

114 33.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 64.695 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

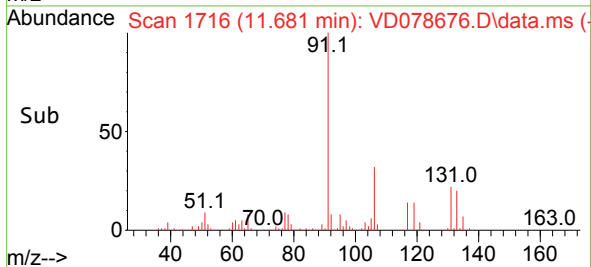
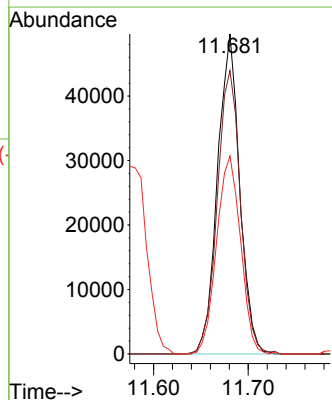
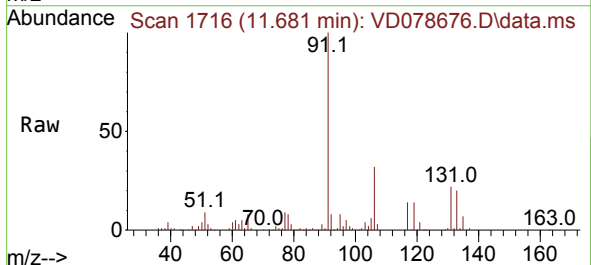
Tgt Ion:131 Resp: 80725

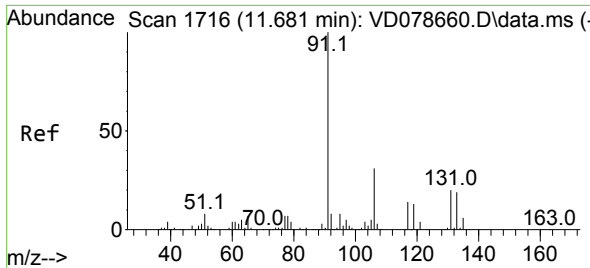
Ion Ratio Lower Upper

131 100

133 92.7 47.6 142.9

119 66.9 34.1 102.3

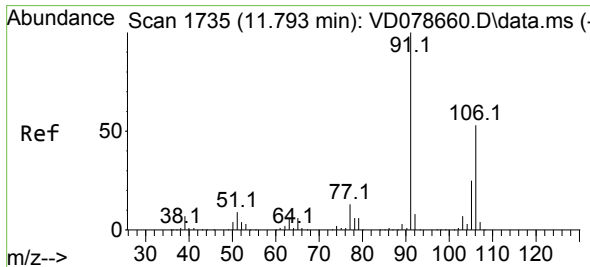
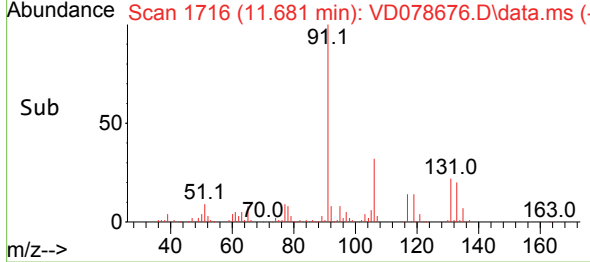
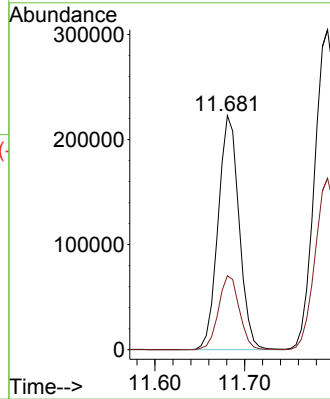
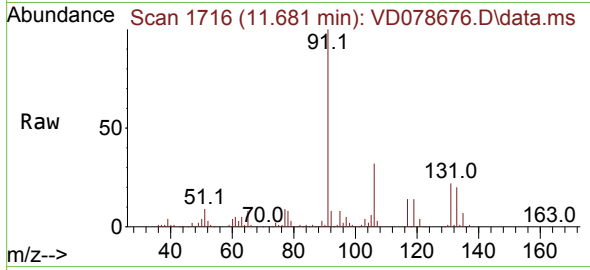




#67
Ethyl Benzene
Concen: 62.280 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

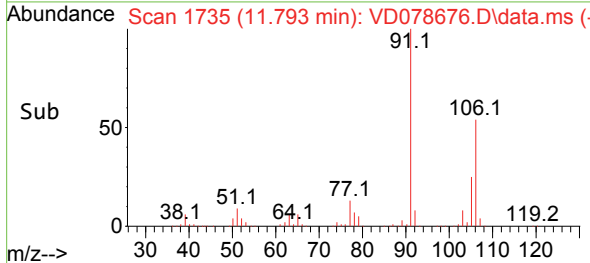
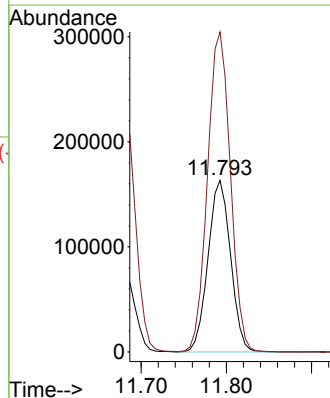
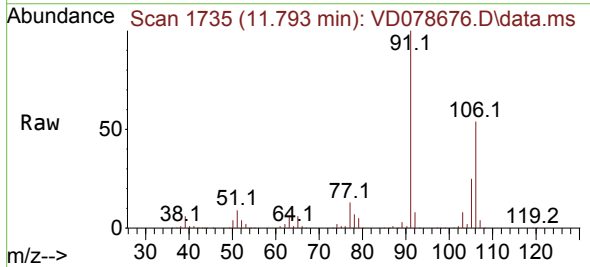
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

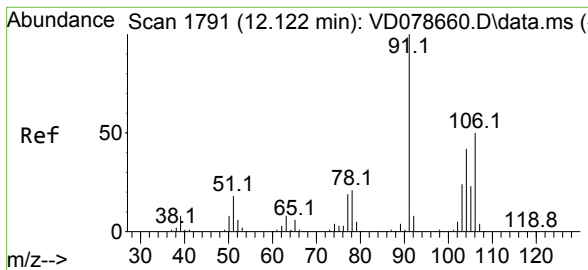
Tgt Ion: 91 Resp: 361594
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 127.245 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:106 Resp: 299997
Ion Ratio Lower Upper
106 100
91 189.3 154.4 231.6

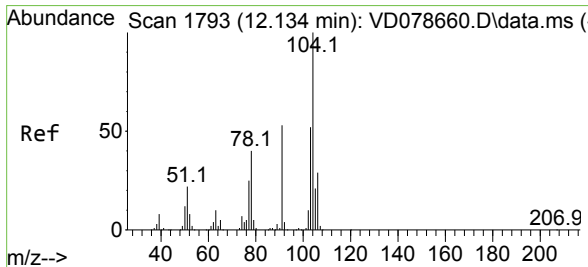
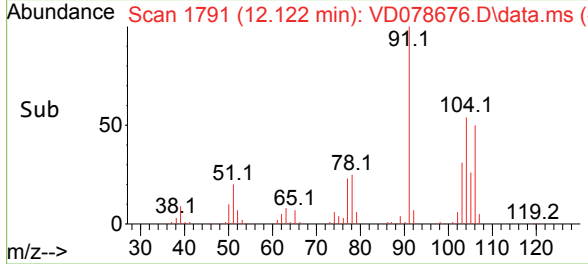
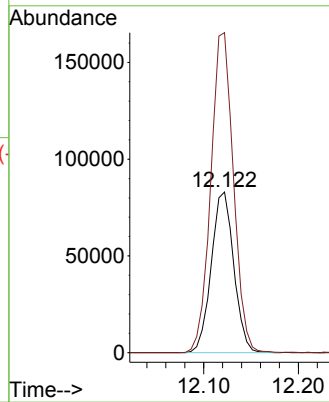
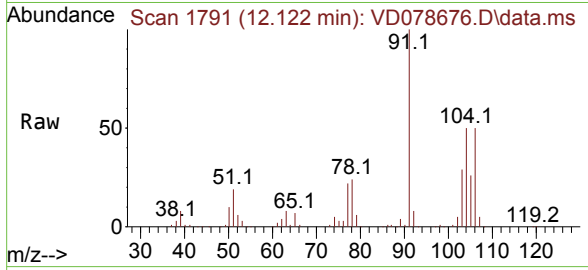




#69
o-Xylene
Concen: 62.803 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

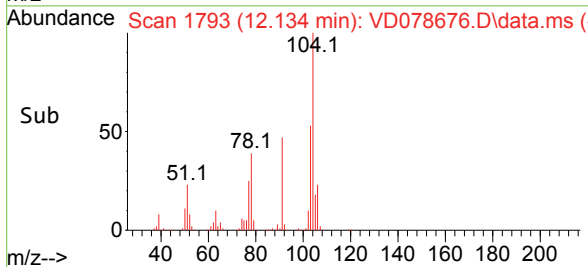
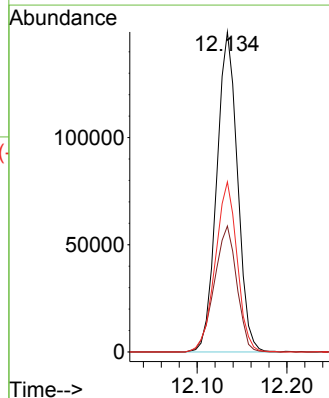
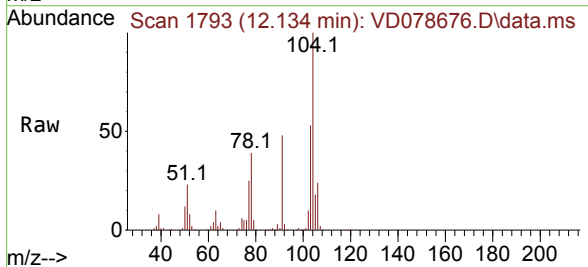
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

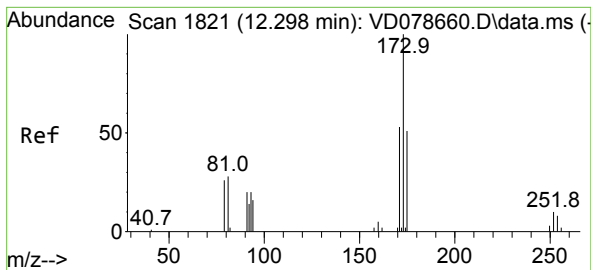
Tgt Ion:106 Resp: 136995
Ion Ratio Lower Upper
106 100
91 200.6 99.6 298.7



#70
Styrene
Concen: 65.534 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:104 Resp: 239941
Ion Ratio Lower Upper
104 100
78 42.7 34.6 52.0
103 55.8 44.2 66.2





#71

Bromoform

Concen: 62.634 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

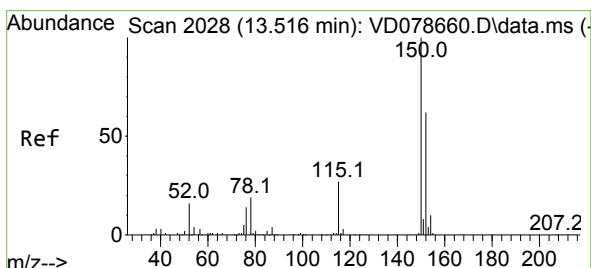
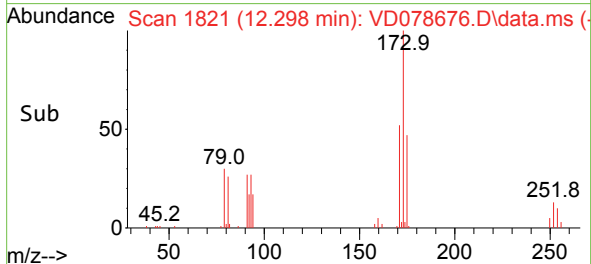
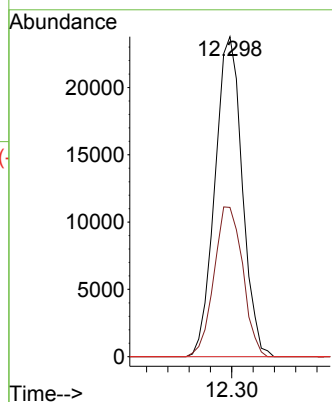
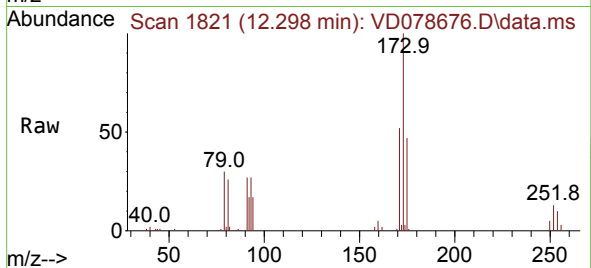
Tgt Ion:173 Resp: 42236

Ion Ratio Lower Upper

173 100

175 49.3 25.8 77.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

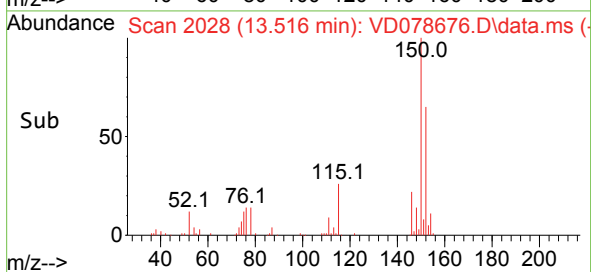
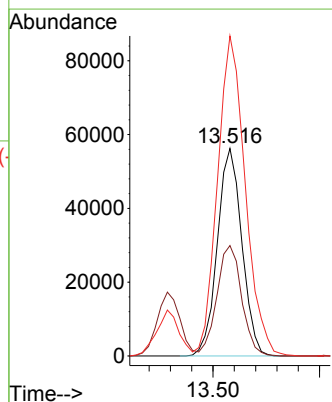
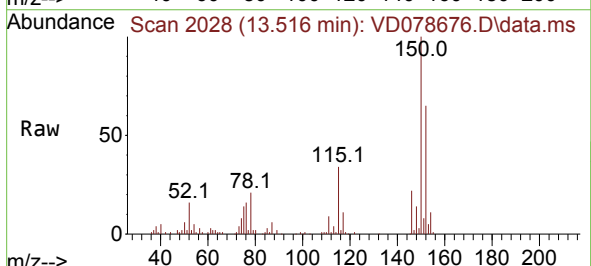
Tgt Ion:152 Resp: 89765

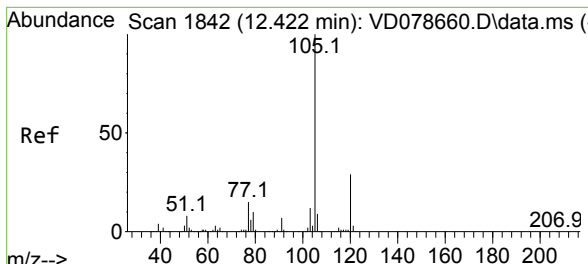
Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.2

150 174.6 0.0 350.2

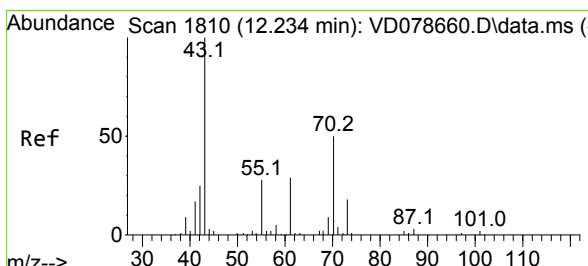
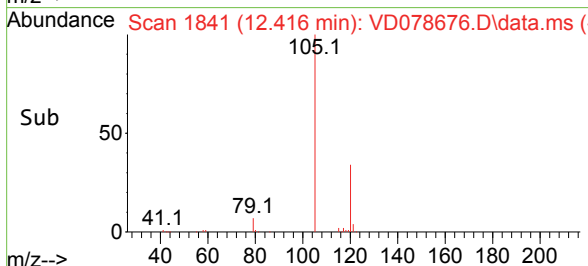
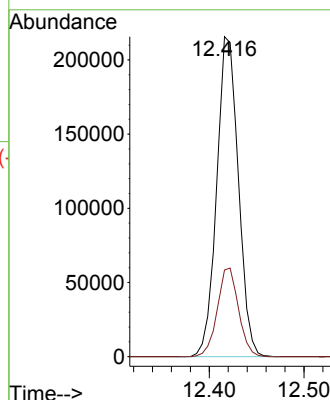
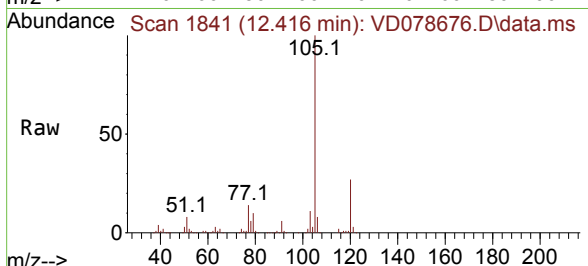




#73
Isopropylbenzene
Concen: 58.051 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

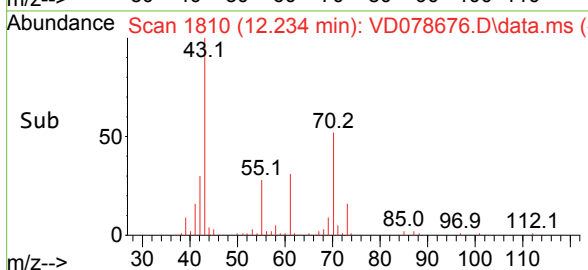
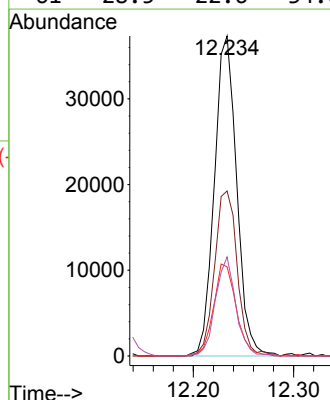
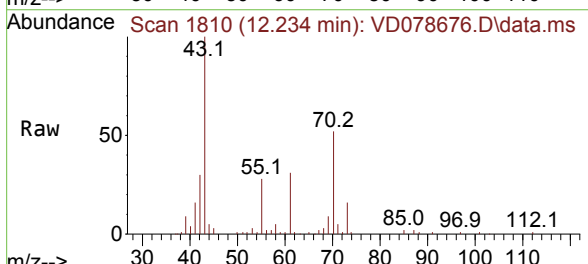
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

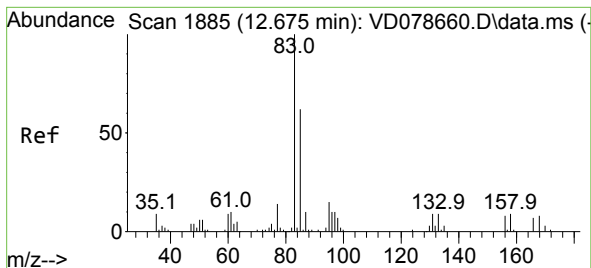
Tgt Ion:105 Resp: 343090
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.0



#74
N-ethyl acetate
Concen: 60.073 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 43 Resp: 57644
Ion Ratio Lower Upper
43 100
70 52.6 42.1 63.1
55 29.3 22.6 33.8
61 28.5 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 60.746 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

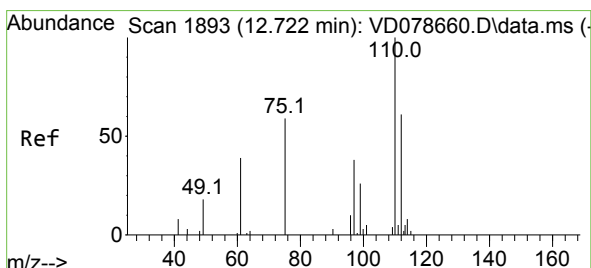
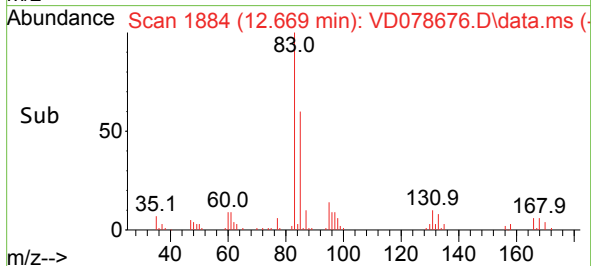
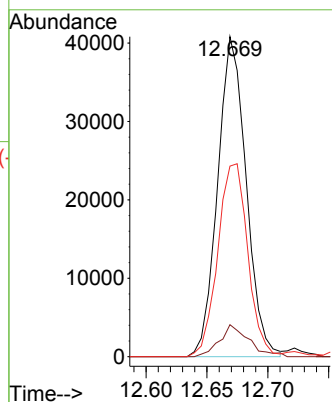
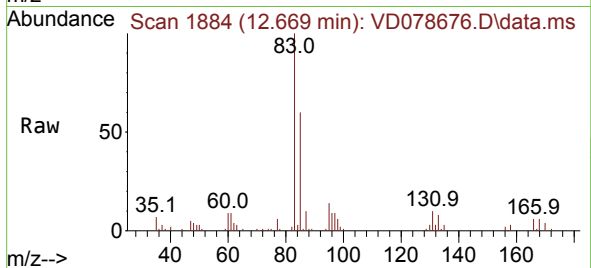
Tgt Ion: 83 Resp: 66461

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

85 63.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 112.413 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078676.D

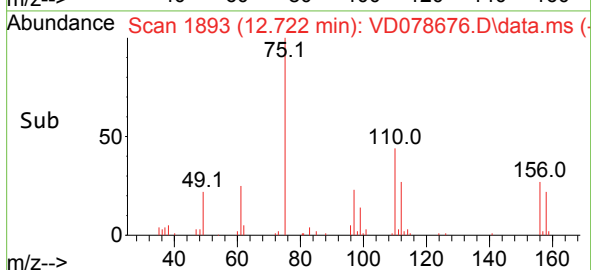
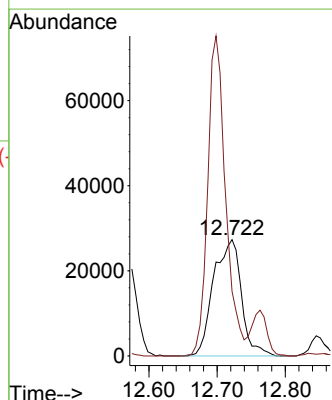
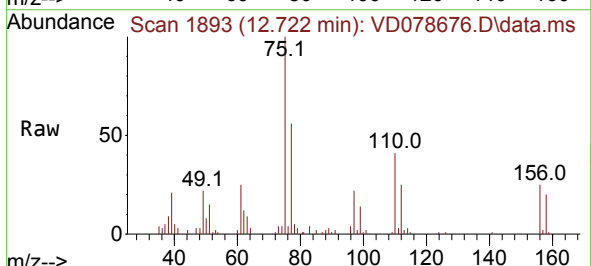
Acq: 14 Mar 2024 19:35

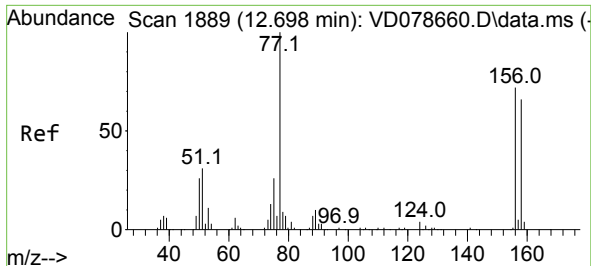
Tgt Ion: 75 Resp: 77743

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

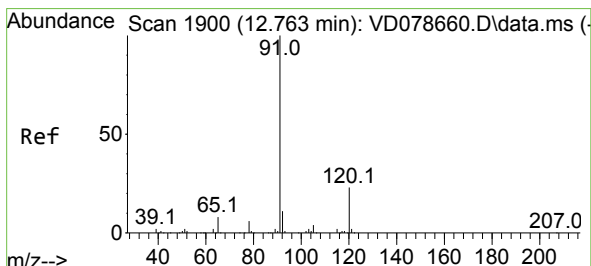
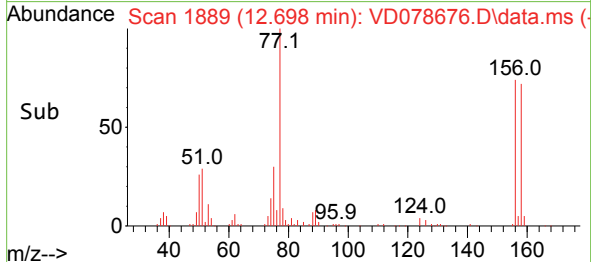
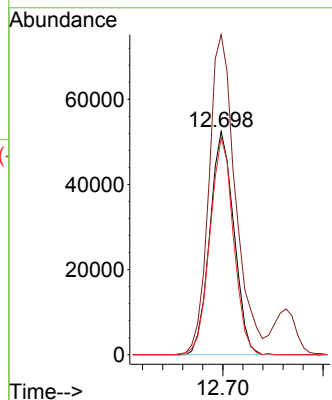
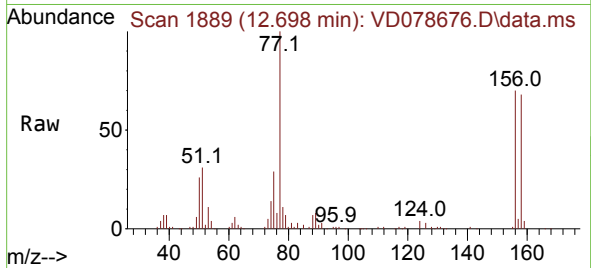




#77
Bromobenzene
Concen: 59.578 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

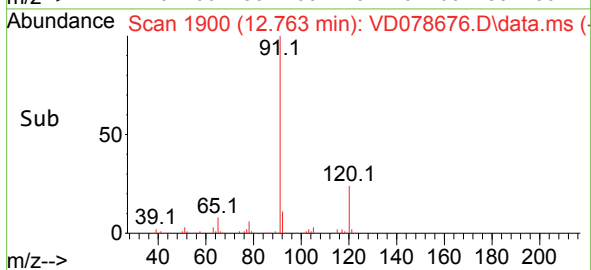
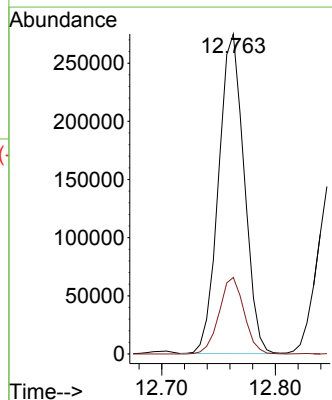
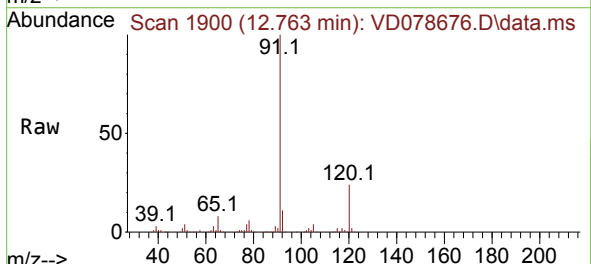
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

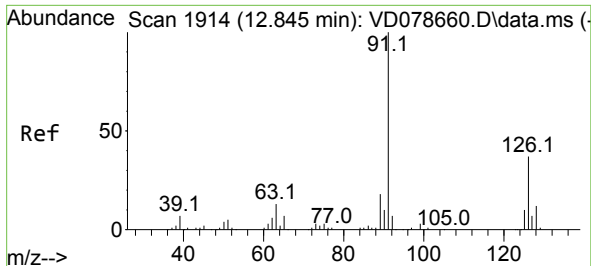
Tgt Ion:156 Resp: 87323
Ion Ratio Lower Upper
156 100
77 157.6 79.1 237.3
158 95.2 47.0 141.0



#78
n-propylbenzene
Concen: 59.731 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 91 Resp: 429706
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.1

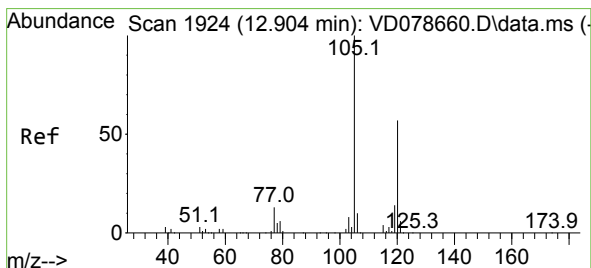
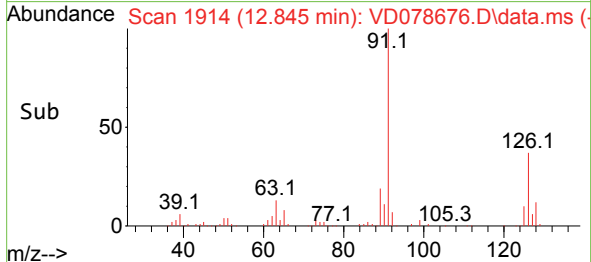
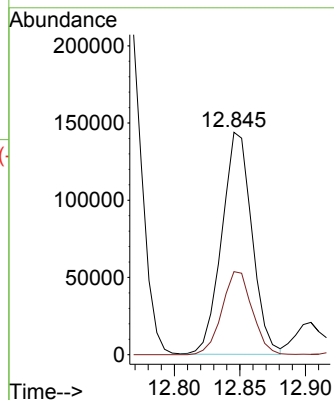
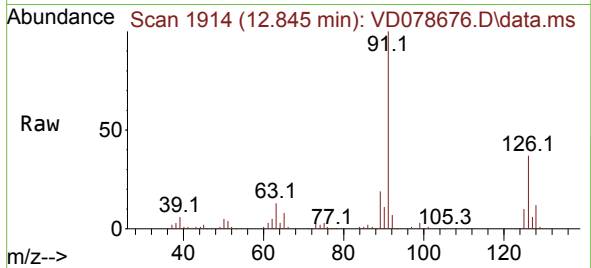




#79
2-Chlorotoluene
Concen: 58.535 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

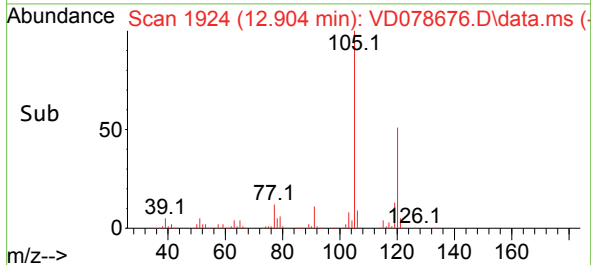
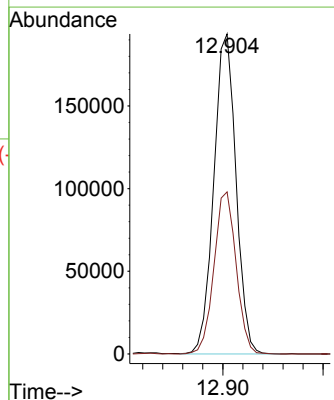
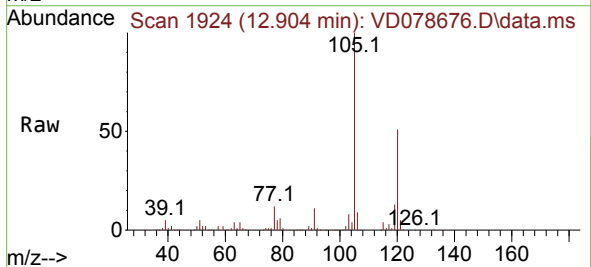
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

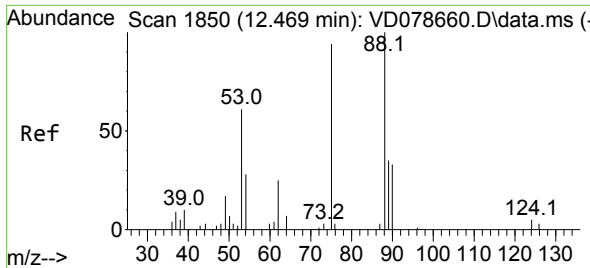
Tgt Ion: 91 Resp: 231014
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 60.859 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion: 105 Resp: 297444
Ion Ratio Lower Upper
105 100
120 50.6 25.9 77.7

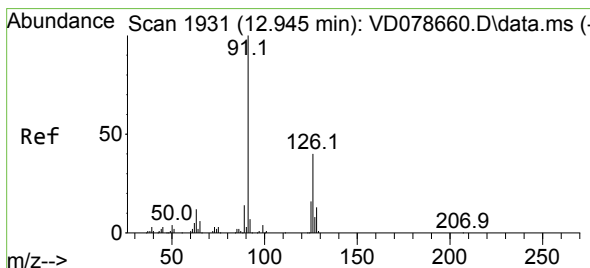
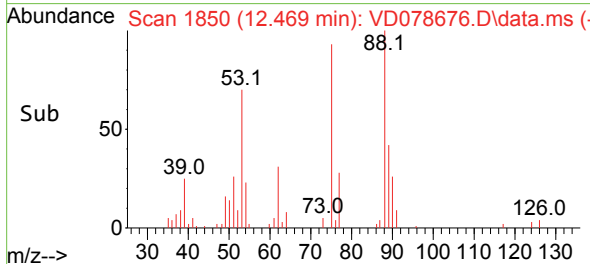
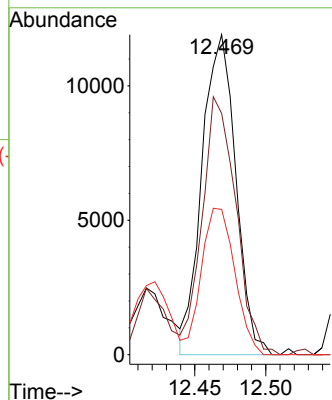
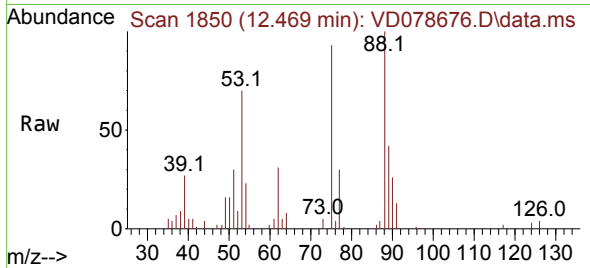




#81
trans-1,4-Dichloro-2-butene
Concen: 59.461 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

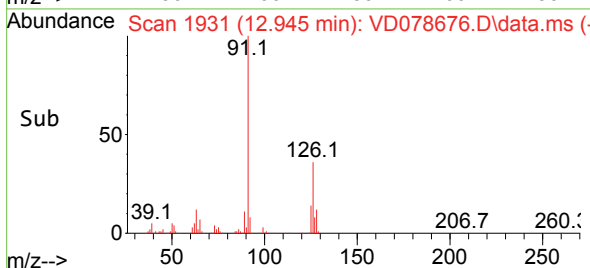
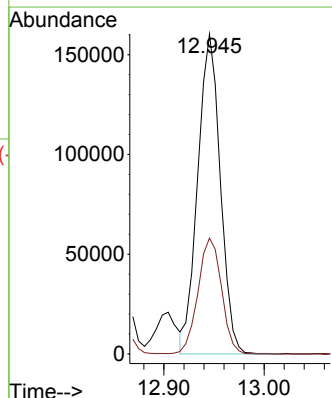
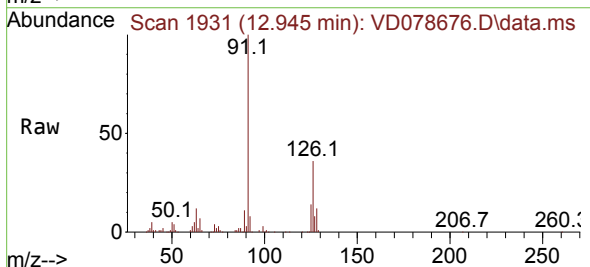
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

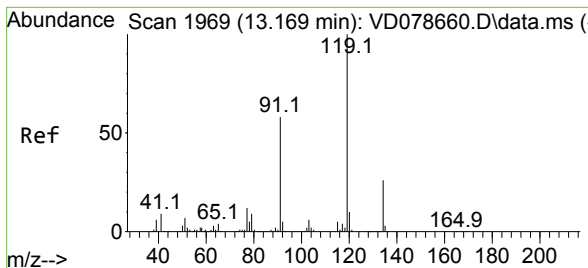
Tgt Ion:	75	Resp:	19618
Ion Ratio	Lower	Upper	
75	100		
53	80.5	61.0	91.6
89	45.7	35.4	53.0



#82
4-Chlorotoluene
Concen: 60.125 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:	91	Resp:	250978
Ion Ratio	Lower	Upper	
91	100		
126	37.7	18.9	56.5





#83

tert-Butylbenzene

Concen: 58.450 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

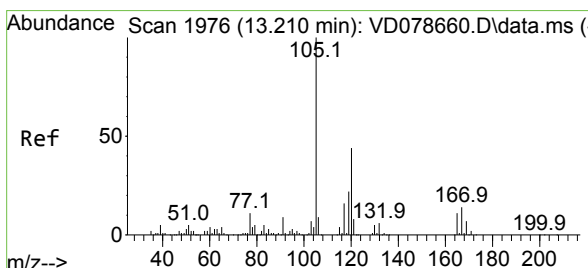
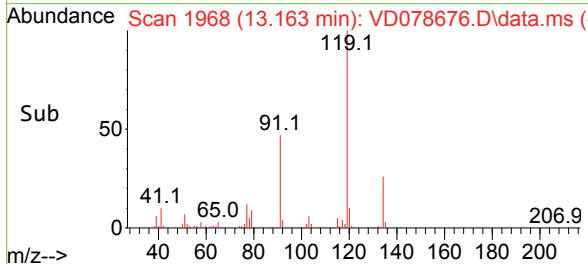
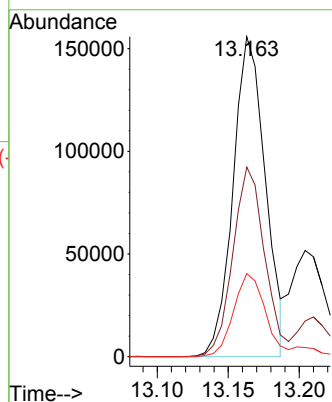
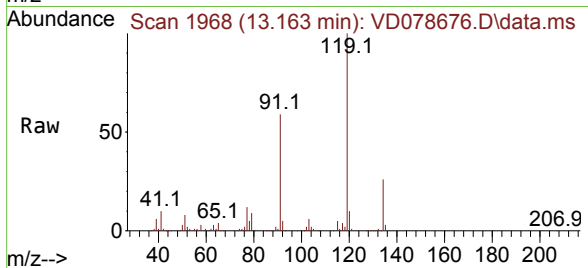
Tgt Ion:119 Resp: 246319

Ion Ratio Lower Upper

119 100

91 58.8 28.9 86.7

134 25.5 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 61.087 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078676.D

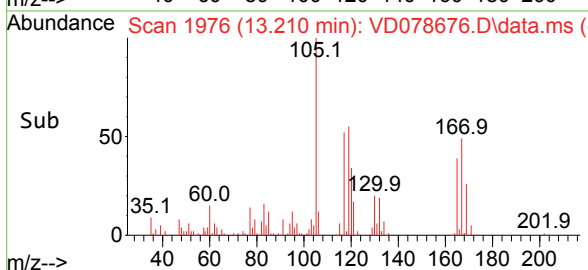
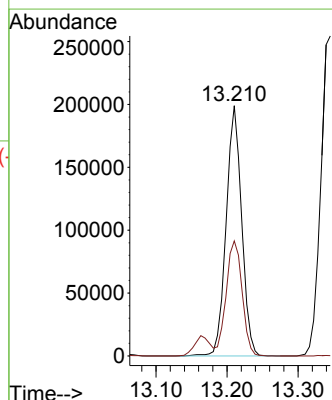
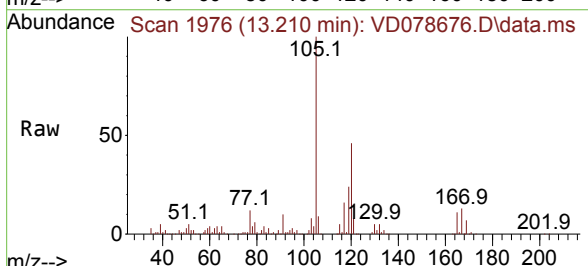
Acq: 14 Mar 2024 19:35

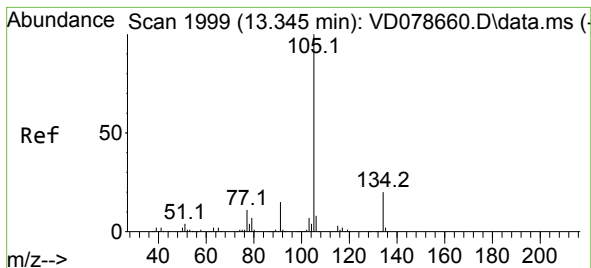
Tgt Ion:105 Resp: 300874

Ion Ratio Lower Upper

105 100

120 47.4 23.1 69.2

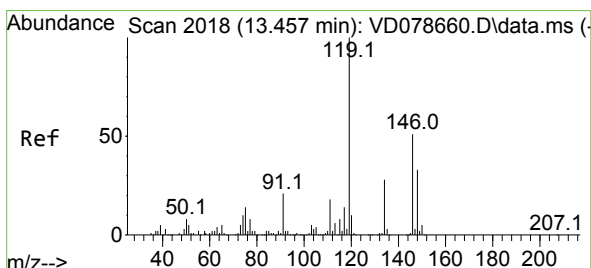
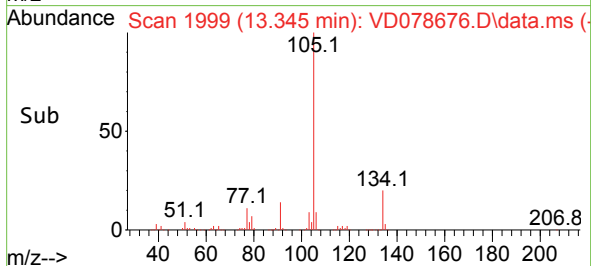
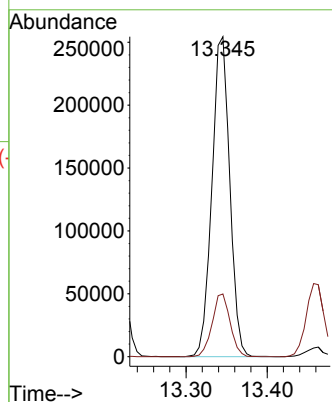
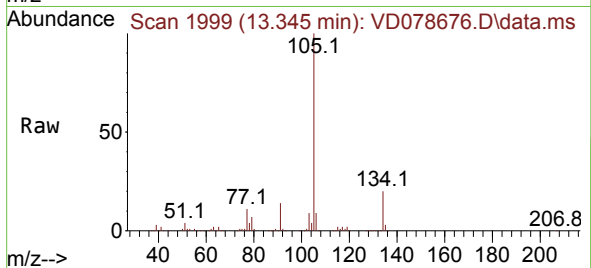




#85
sec-Butylbenzene
Concen: 60.796 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

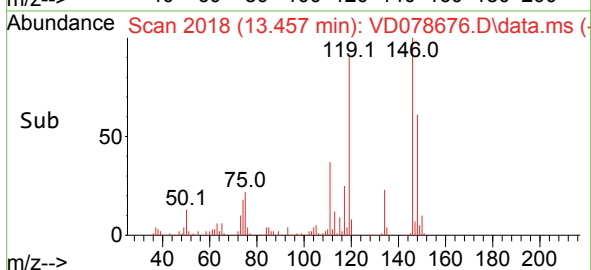
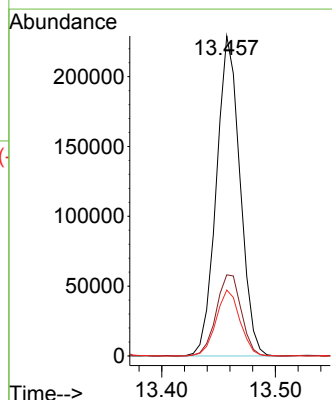
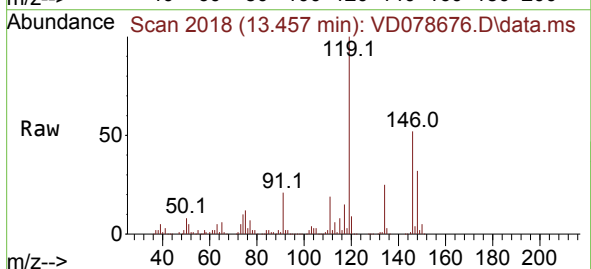
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

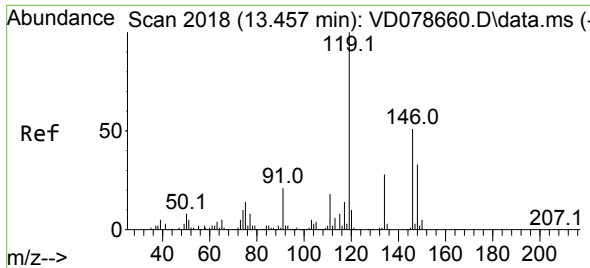
Tgt Ion:105 Resp: 387723
Ion Ratio Lower Upper
105 100
134 19.8 10.4 31.2



#86
p-Isopropyltoluene
Concen: 60.690 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:119 Resp: 331339
Ion Ratio Lower Upper
119 100
134 26.9 13.5 40.5
91 20.9 10.4 31.2

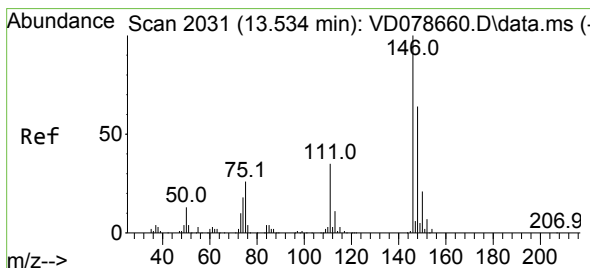
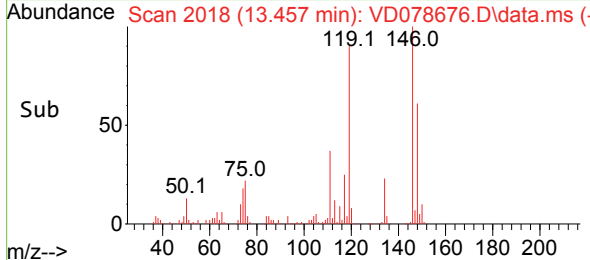
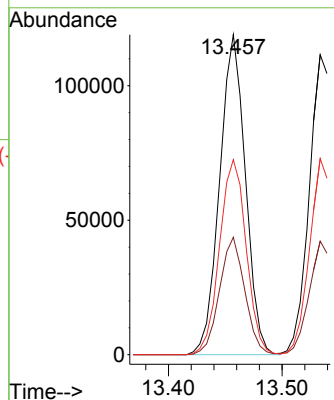
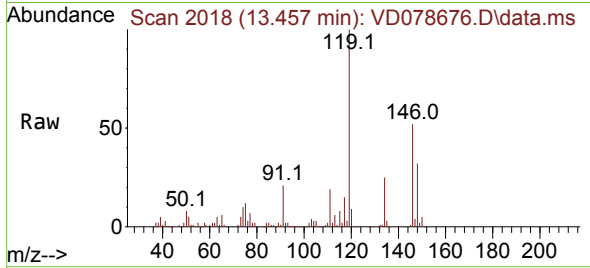




#87
1,3-Dichlorobenzene
Concen: 60.670 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

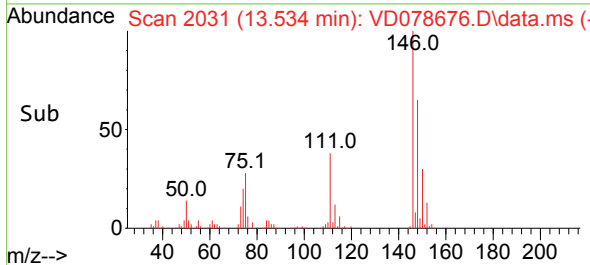
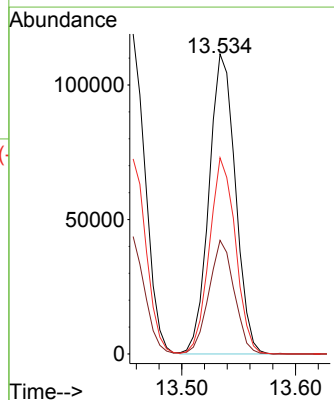
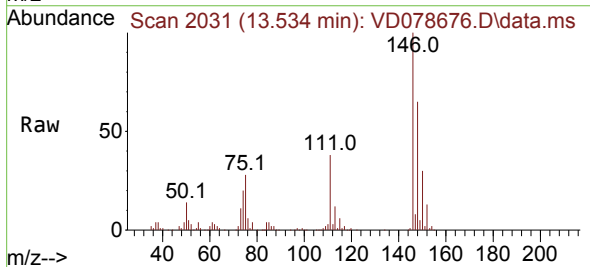
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

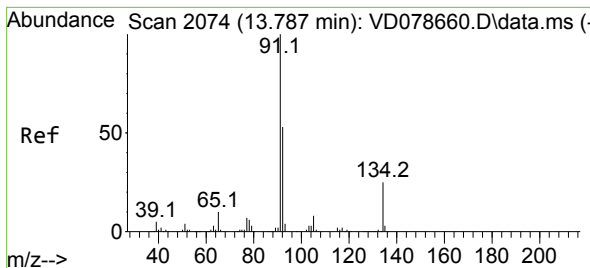
Tgt Ion:146 Resp: 187652
Ion Ratio Lower Upper
146 100
111 36.0 18.2 54.6
148 63.0 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 59.120 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:146 Resp: 180211
Ion Ratio Lower Upper
146 100
111 36.5 17.8 53.3
148 64.6 32.4 97.0





#89

n-Butylbenzene

Concen: 59.930 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

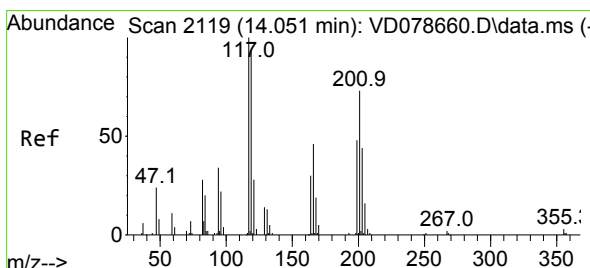
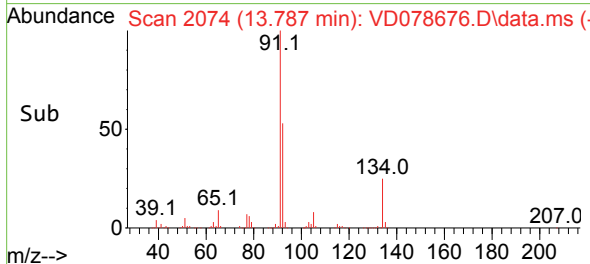
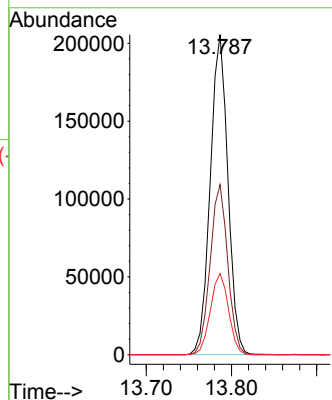
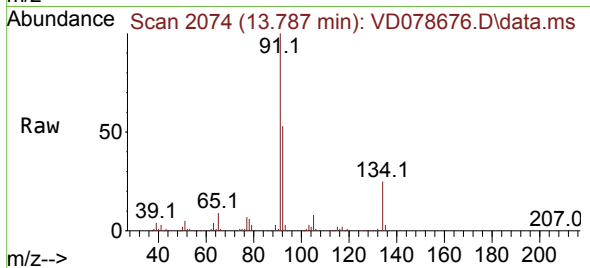
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 295492

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.0
134	26.0	13.0	38.9



#90

Hexachloroethane

Concen: 57.739 ug/l

RT: 14.051 min Scan# 2119

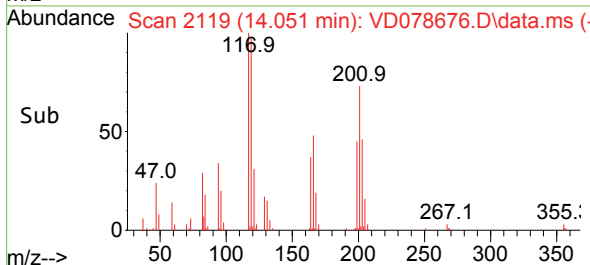
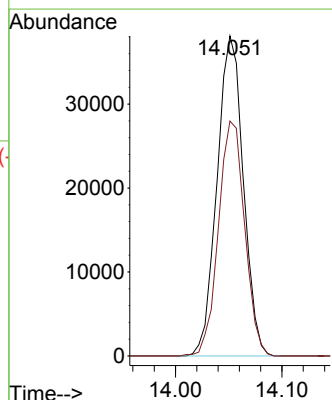
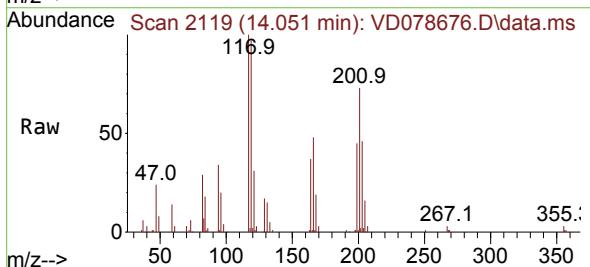
Delta R.T. -0.000 min

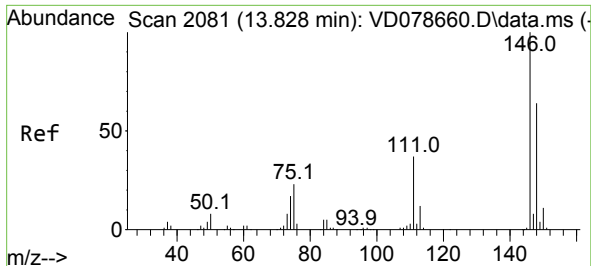
Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Tgt Ion: 117 Resp: 65226

Ion	Ratio	Lower	Upper
117	100		
201	73.3	36.2	108.6





#91

1,2-Dichlorobenzene

Concen: 59.709 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

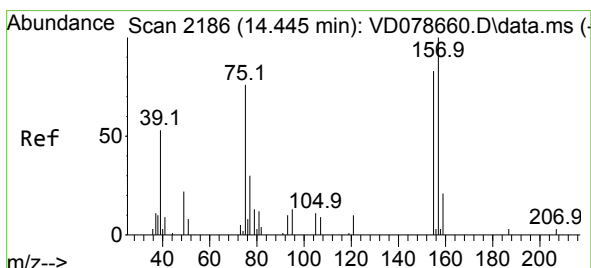
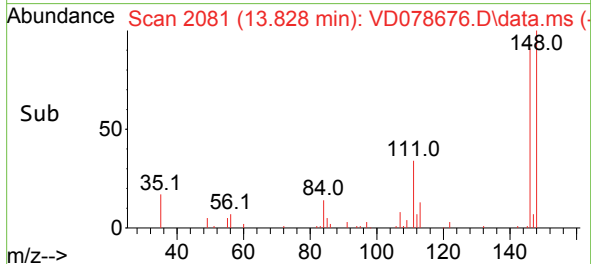
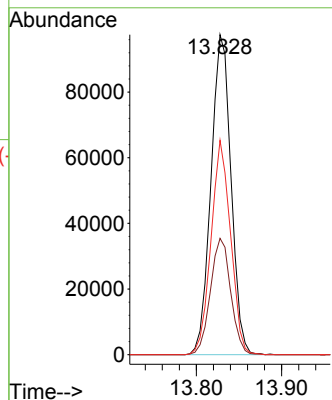
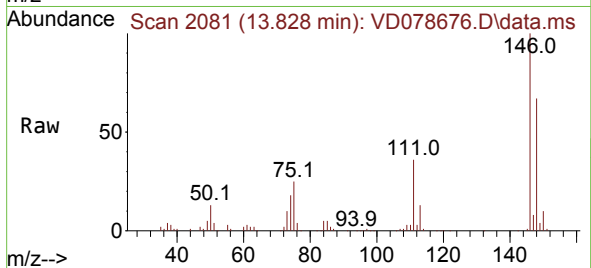
Tgt Ion:146 Resp: 159060

Ion Ratio Lower Upper

146 100

111 36.9 18.6 56.0

148 65.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.826 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

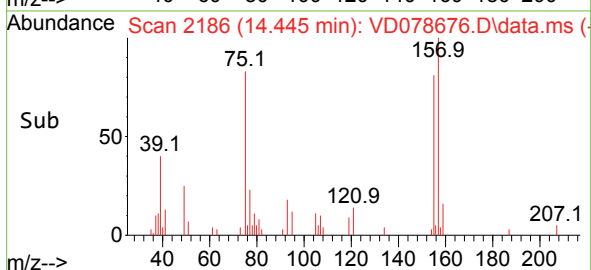
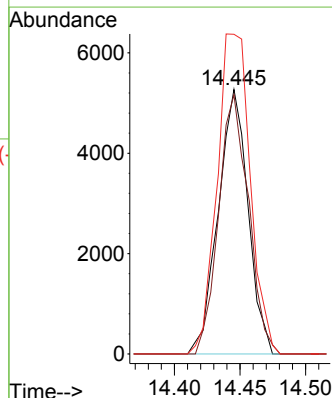
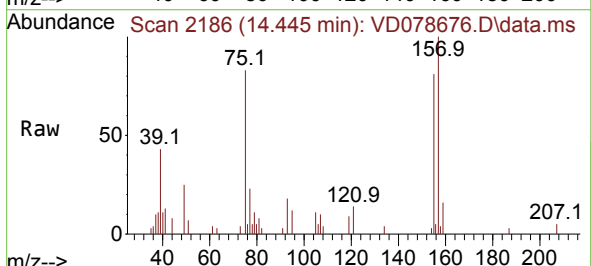
Tgt Ion: 75 Resp: 8317

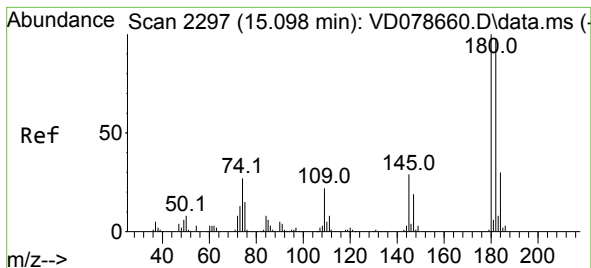
Ion Ratio Lower Upper

75 100

155 98.2 49.8 149.3

157 135.3 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 57.754 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

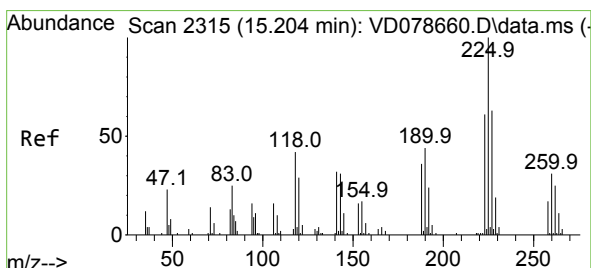
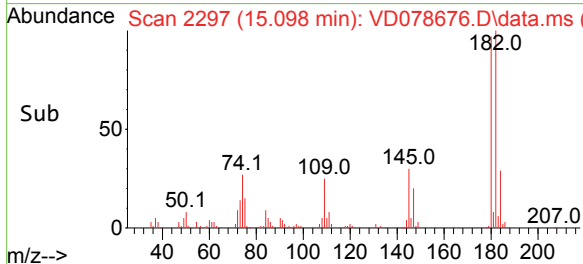
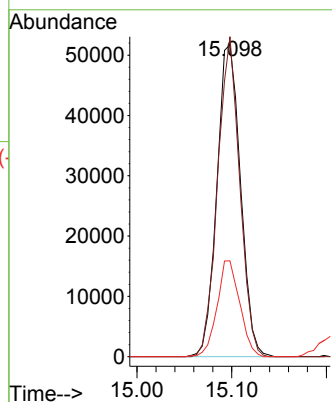
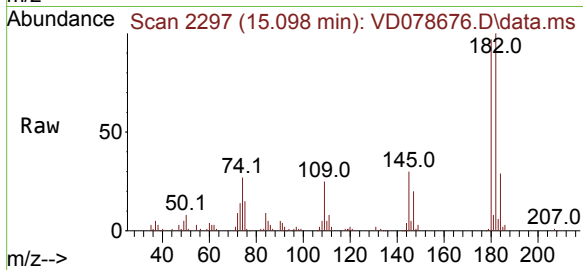
Tgt Ion:180 Resp: 89789

Ion Ratio Lower Upper

180 100

182 95.5 49.7 149.1

145 29.6 14.6 44.0



#94

Hexachlorobutadiene

Concen: 56.849 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078676.D

Acq: 14 Mar 2024 19:35

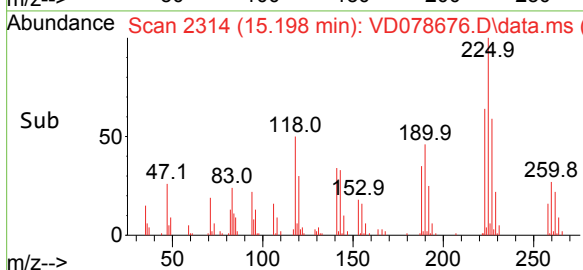
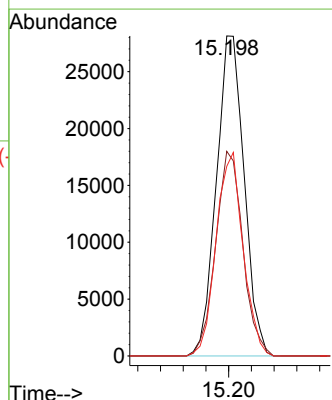
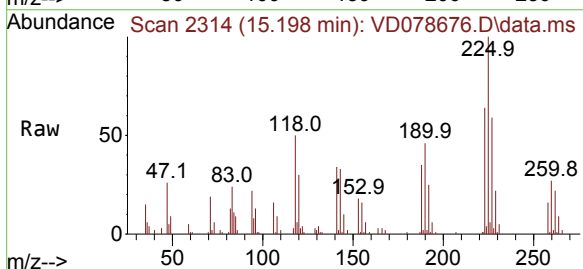
Tgt Ion:225 Resp: 47848

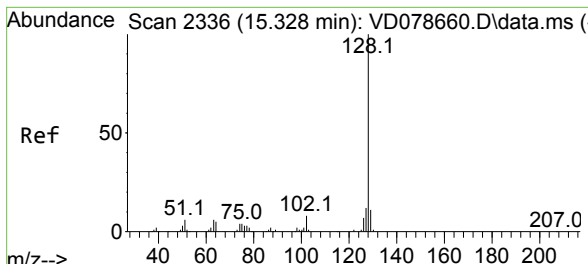
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.7

227 61.7 32.0 96.0

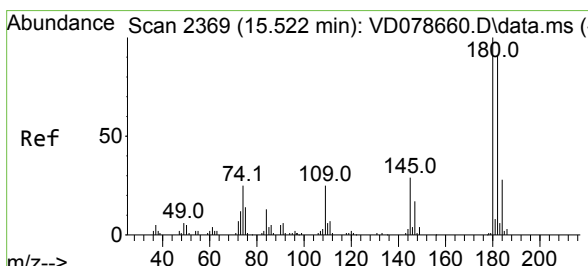
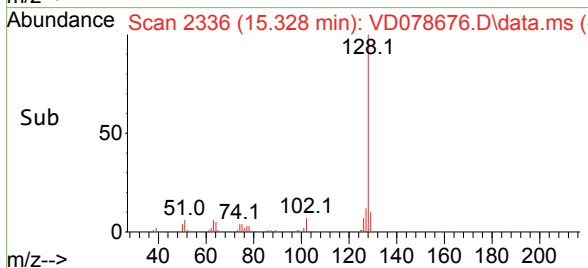
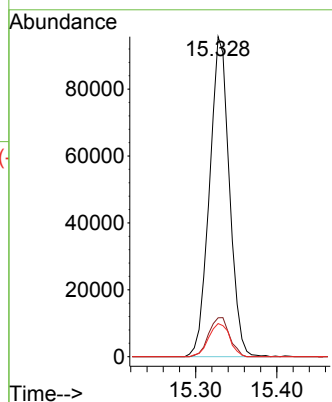
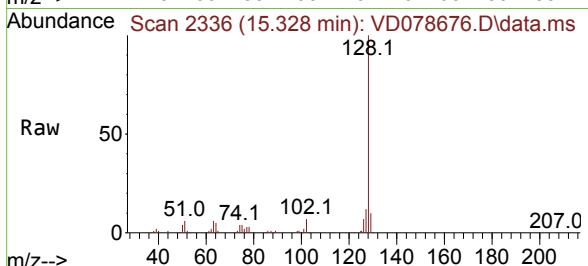




#95
Naphthalene
Concen: 60.174 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128	Resp: 162649
Ion Ratio	Lower Upper
128	100
127	12.1 9.3 13.9
129	10.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 60.169 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078676.D
Acq: 14 Mar 2024 19:35

Tgt Ion:180	Resp: 80926
Ion Ratio	Lower Upper
180	100
182	94.4 46.7 140.1
145	30.4 14.4 43.4

