

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078901.D
 Acq On : 10 May 2024 18:08
 Operator : RP/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 11 05:03:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 04:52:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	208293	142.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	285.000%#
35) Dibromofluoromethane	7.805	113	248039	156.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	313.020%#
50) Toluene-d8	10.269	98	993177	166.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	333.200%#
62) 4-Bromofluorobenzene	12.575	95	287394	170.687	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	341.380%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	236132	144.874	ug/l	99
3) Chloromethane	2.146	50	316711	131.892	ug/l	97
4) Vinyl Chloride	2.281	62	522684	143.629	ug/l	96
5) Bromomethane	2.675	94	533061	151.634	ug/l	99
6) Chloroethane	2.828	64	394952	131.511	ug/l	99
7) Trichlorofluoromethane	3.170	101	414130	122.846	ug/l	95
8) Diethyl Ether	3.593	74	123973	142.938	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	258185	137.545	ug/l	97
10) Methyl Iodide	4.164	142	360510	161.077	ug/l	99
11) Tert butyl alcohol	5.069	59	55030	726.450	ug/l	96
12) 1,1-Dichloroethene	3.934	96	266202	143.914	ug/l #	94
13) Acrolein	3.793	56	115375	677.206	ug/l	96
14) Allyl chloride	4.558	41	267880	156.430	ug/l	99
15) Acrylonitrile	5.252	53	237650	783.488	ug/l	97
16) Acetone	4.022	43	203118	707.142	ug/l	96
17) Carbon Disulfide	4.270	76	828961	136.603	ug/l	99
18) Methyl Acetate	4.564	43	84721	152.833	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	545951	166.140	ug/l	98
20) Methylene Chloride	4.805	84	295021	153.535	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	294214	153.934	ug/l	90
22) Diisopropyl ether	6.216	45	576635	154.029	ug/l	96
23) Vinyl Acetate	6.158	43	1833215	813.281	ug/l #	93
24) 1,1-Dichloroethane	6.111	63	434444	149.553	ug/l	98
25) 2-Butanone	7.081	43	278029	790.336	ug/l	91
26) 2,2-Dichloropropane	7.075	77	395819	150.692	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	346554	156.546	ug/l	95
28) Bromochloromethane	7.422	49	154411	152.325	ug/l	86
29) Tetrahydrofuran	7.446	42	158933	812.135	ug/l	91
30) Chloroform	7.599	83	490357	147.646	ug/l	96
31) Cyclohexane	7.875	56	348226	145.849	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	440876	150.910	ug/l	97
36) 1,1-Dichloropropene	8.011	75	347711	163.307	ug/l	98
37) Ethyl Acetate	7.169	43	117113	166.687	ug/l	99
38) Carbon Tetrachloride	7.993	117	411070	164.413	ug/l	97
39) Methylcyclohexane	9.275	83	486644	178.284	ug/l	94
40) Benzene	8.252	78	1116929	162.679	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	70569	181.199	ug/l	91
42) 1,2-Dichloroethane	8.328	62	250780	156.714	ug/l	100
43) Isopropyl Acetate	8.358	43	219388	168.126	ug/l	98
44) Trichloroethene	9.028	130	301025	164.506	ug/l	87
45) 1,2-Dichloropropane	9.305	63	231043	152.763	ug/l	95
46) Dibromomethane	9.393	93	152123	158.484	ug/l	97
47) Bromodichloromethane	9.587	83	375817	158.225	ug/l	97
48) Methyl methacrylate	9.381	41	104699	172.851	ug/l	95
49) 1,4-Dioxane	9.387	88	33046	3573.452	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	575361	858.940	ug/l	97
52) Toluene	10.334	92	768143	172.448	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	345196	171.527	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	405478	167.803	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	201695	157.389	ug/l	94
56) Ethyl methacrylate	10.599	69	243512	183.727	ug/l	95
57) 1,3-Dichloropropane	10.881	76	323019	162.264	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	474621	903.285	ug/l	98
59) 2-Hexanone	10.922	43	417531	846.098	ug/l	95
60) Dibromochloromethane	11.075	129	287649	166.440	ug/l	99
61) 1,2-Dibromoethane	11.181	107	195757	163.306	ug/l	99
64) Tetrachloroethene	10.810	164	265739	162.834	ug/l	94
65) Chlorobenzene	11.604	112	853567	161.932	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	303621	166.771	ug/l	98
67) Ethyl Benzene	11.681	91	1497985	178.037	ug/l	95
68) m/p-Xylenes	11.793	106	1251111	361.549	ug/l	96
69) o-Xylene	12.122	106	572602	183.055	ug/l	99
70) Styrene	12.134	104	1014755	182.961	ug/l	98
71) Bromoform	12.299	173	162693	165.858	ug/l #	96
73) Isopropylbenzene	12.422	105	1410932	173.299	ug/l	99
74) N-amyl acetate	12.234	43	214204	167.669	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	215042	151.989	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	270732	274.994	ug/l #	100
77) Bromobenzene	12.698	156	350917	168.998	ug/l	94
78) n-propylbenzene	12.763	91	1650500	168.356	ug/l	97
79) 2-Chlorotoluene	12.846	91	887932	165.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1166801	172.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	77546	161.440	ug/l	96
82) 4-Chlorotoluene	12.946	91	934338	159.840	ug/l	98
83) tert-Butylbenzene	13.163	119	1071916	177.751	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1227424	179.524	ug/l	97
85) sec-Butylbenzene	13.345	105	1527782	171.415	ug/l	99
86) p-Isopropyltoluene	13.457	119	1432015	185.111	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	746196	170.755	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	685273	157.649	ug/l	100
89) n-Butylbenzene	13.787	91	1171982	171.536	ug/l	99
90) Hexachloroethane	14.051	117	247495	157.769	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	605812	162.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	29732	152.535	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	378515	173.973	ug/l	97
94) Hexachlorobutadiene	15.204	225	189268	161.311	ug/l	99
95) Naphthalene	15.328	128	716152	187.494	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	331349	174.594	ug/l	99

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ALS Vial : 8 Sample Multiplier: 1

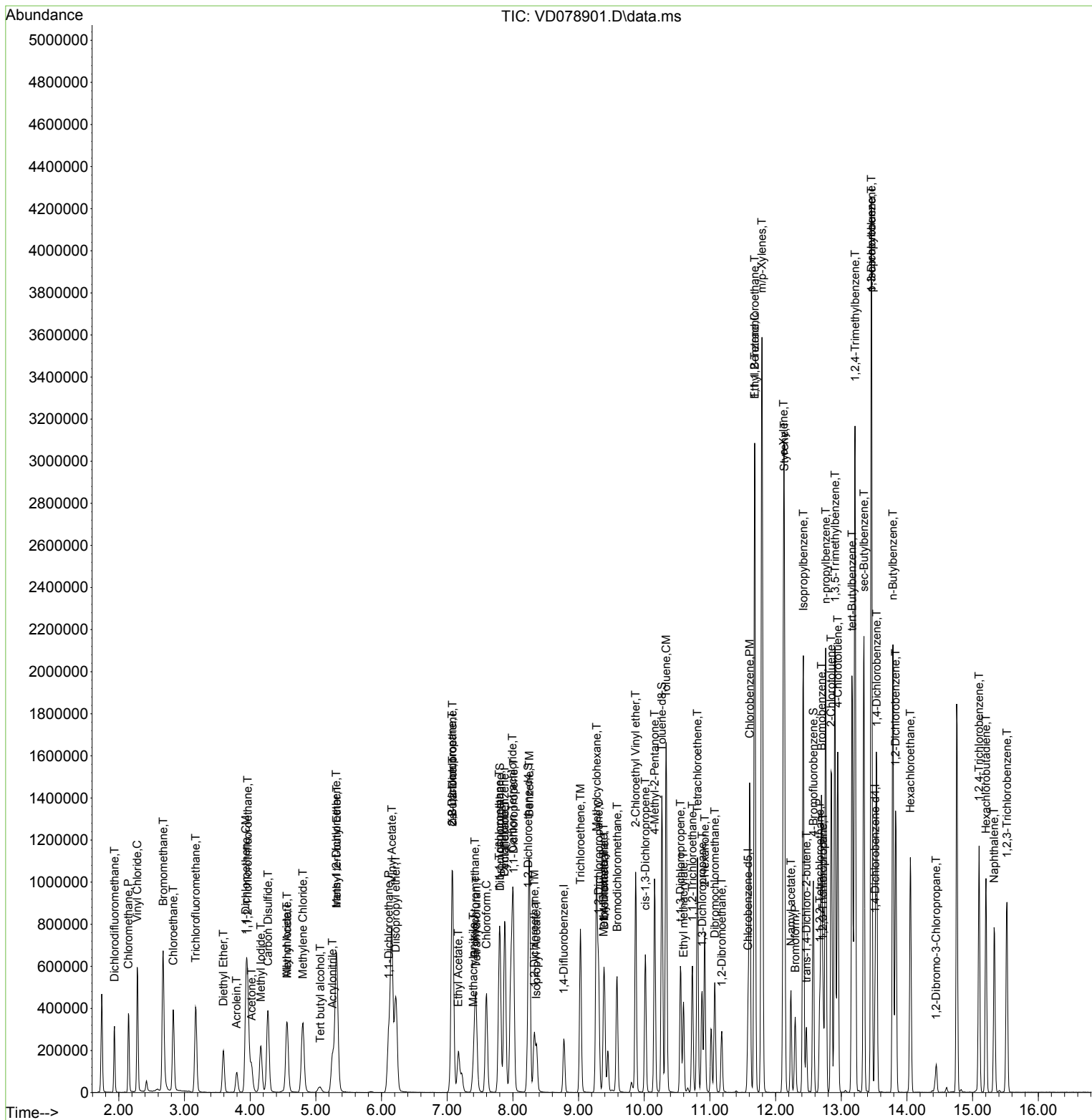
Instrument :
MSVOA_D
ClientSampleId :

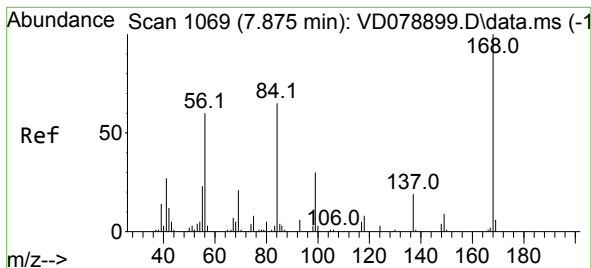
Quant Time: May 11 05:03:33 2024
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Quant Title : SW846 8260
QLast Update : Sat May 11 04:52:10 2024
Response via : Initial Calibration

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

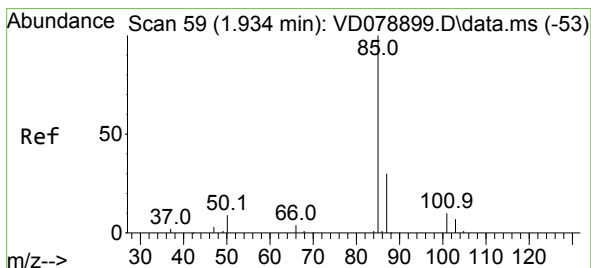
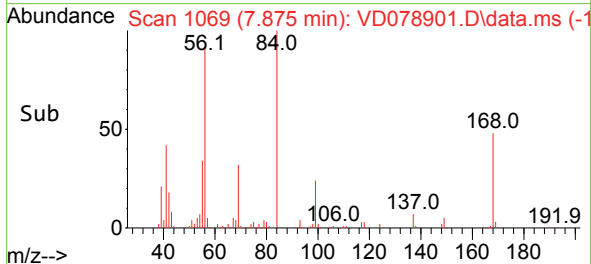
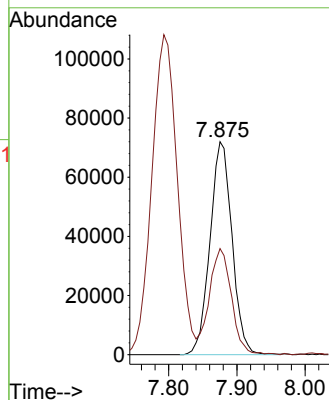
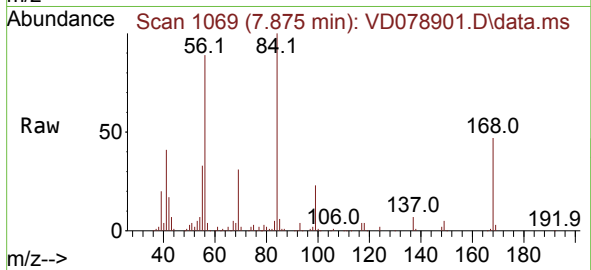
ClientSampleId :

Tgt Ion:168 Resp: 162047

Ion Ratio Lower Upper

168 100

99 49.8 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 144.874 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078901.D

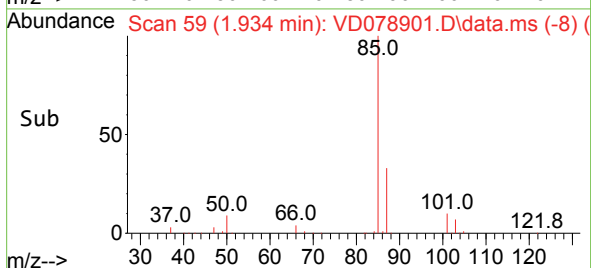
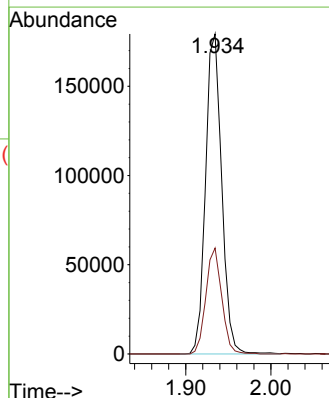
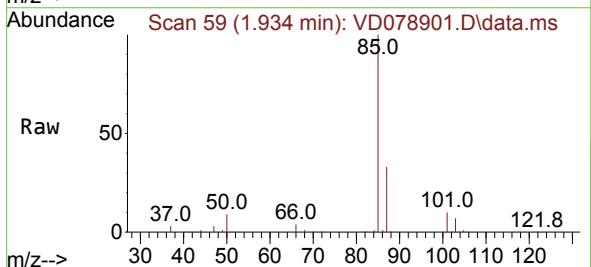
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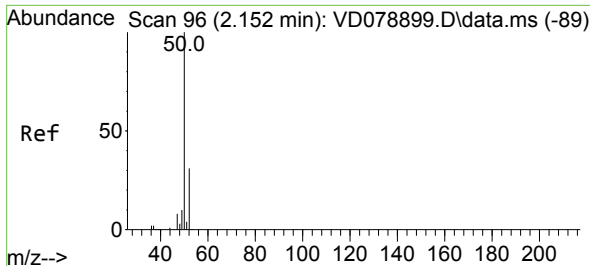
Tgt Ion: 85 Resp: 236132

Ion Ratio Lower Upper

85 100

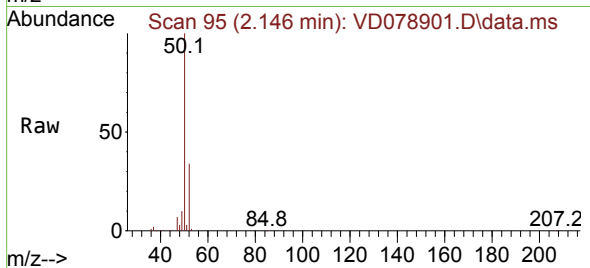
87 33.1 16.2 48.5



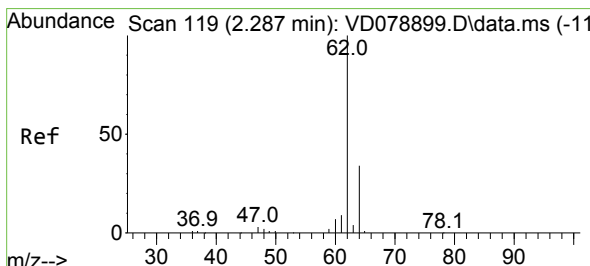
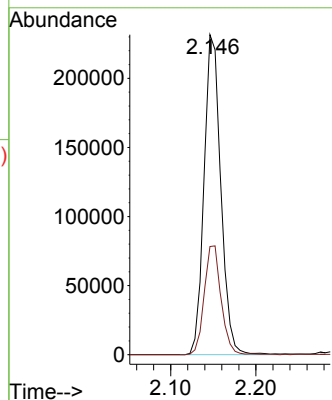
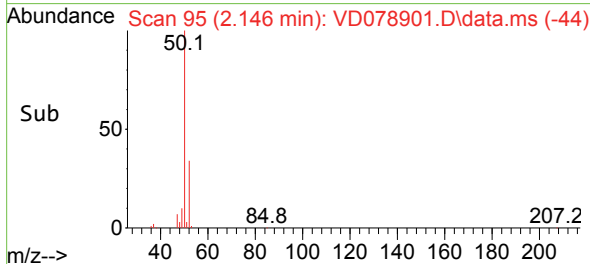


#3
Chloromethane
Concen: 131.892 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

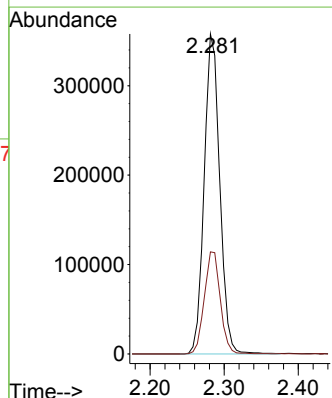
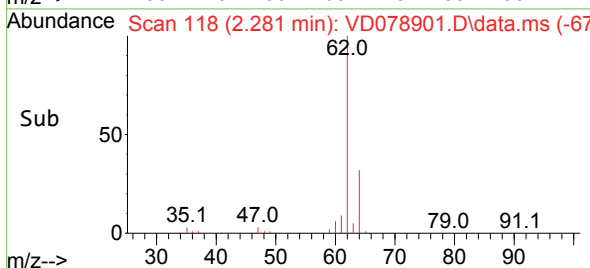
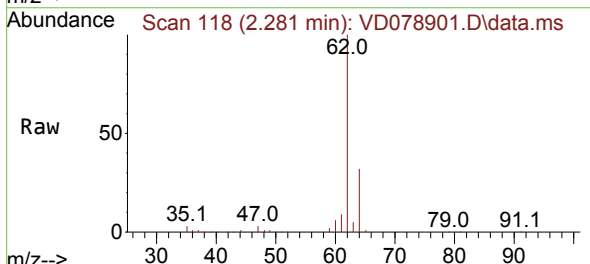


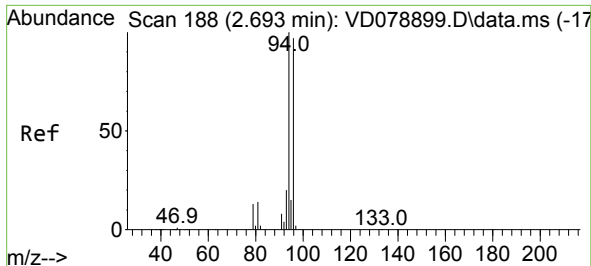
Tgt Ion: 50 Resp: 316711
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 143.629 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 62 Resp: 522684
Ion Ratio Lower Upper
62 100
64 31.9 23.7 35.5

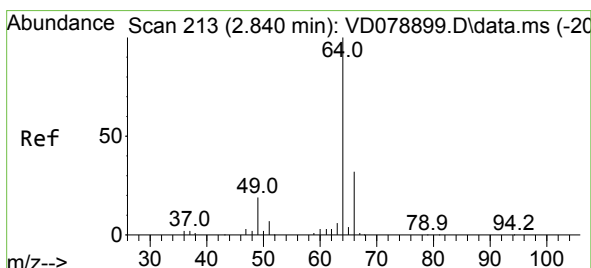
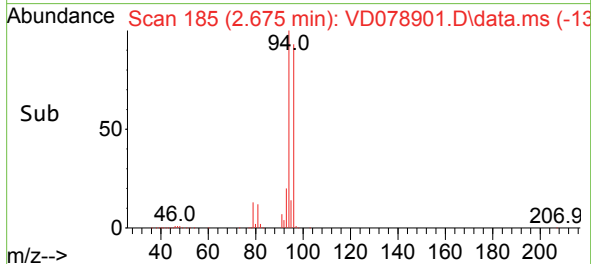
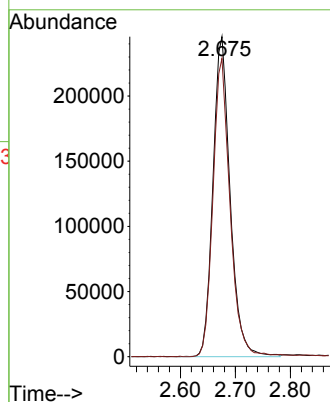
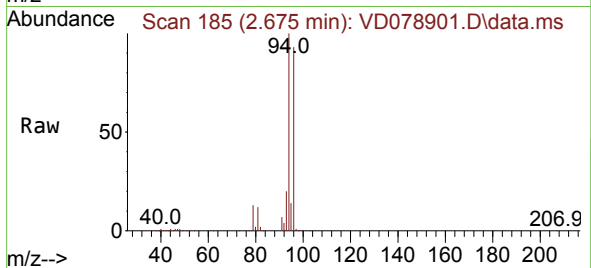




#5
Bromomethane
Concen: 151.634 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

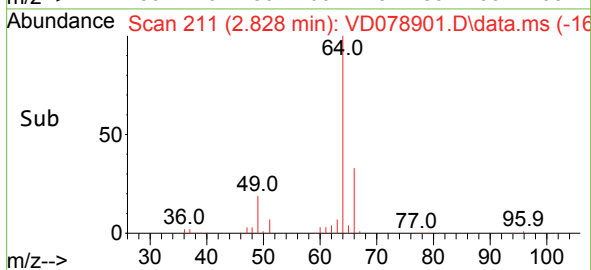
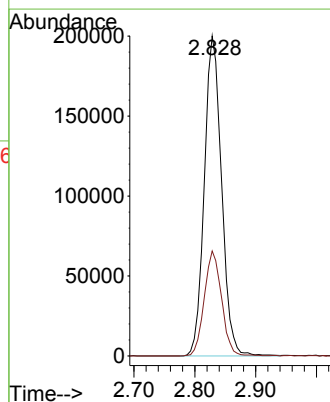
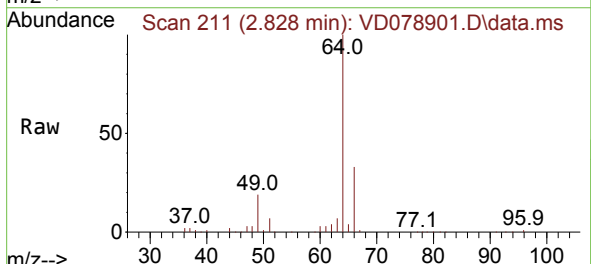
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ClientSampleId :

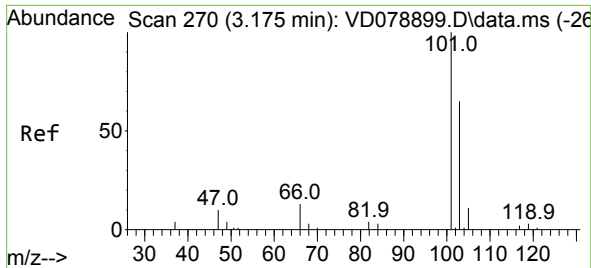
Tgt Ion: 94 Resp: 533061
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3



#6
Chloroethane
Concen: 131.511 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 64 Resp: 394952
Ion Ratio Lower Upper
64 100
66 32.8 26.8 40.2

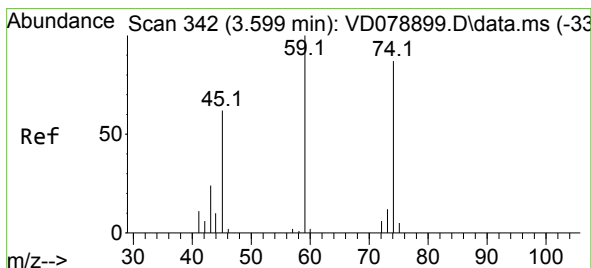
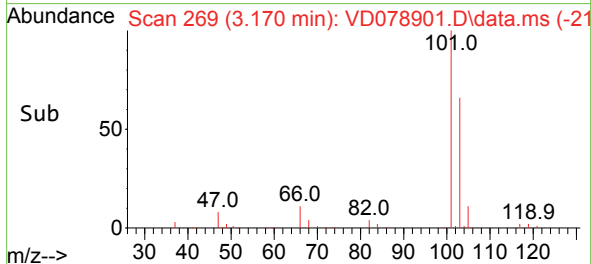
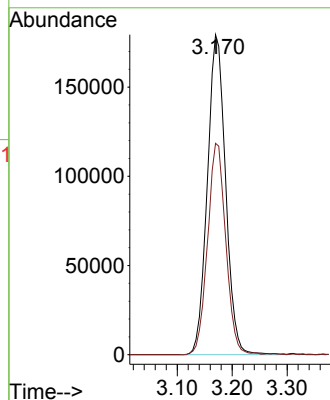
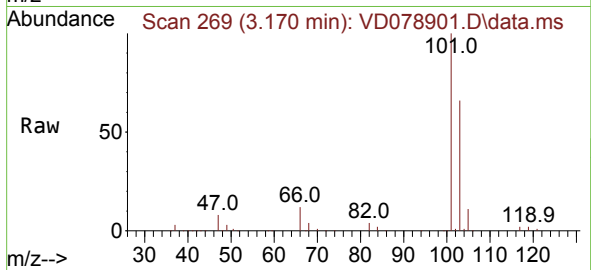




#7
Trichlorofluoromethane
Concen: 122.846 ug/l
RT: 3.170 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

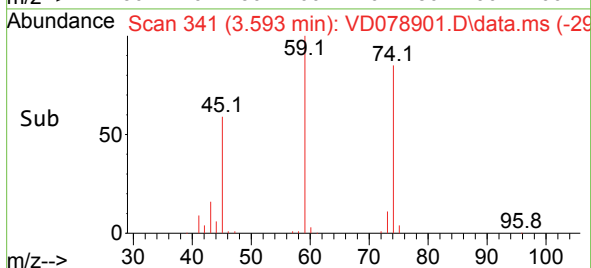
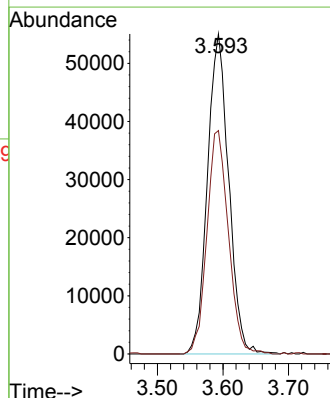
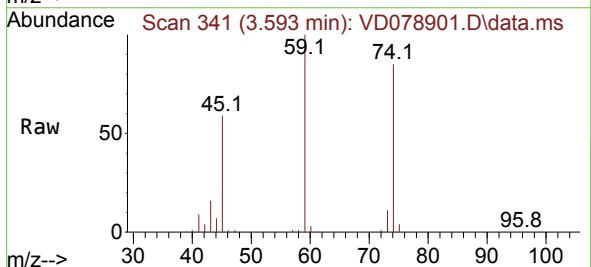
Instrument :
MSVOA_D
ClientSampleId :

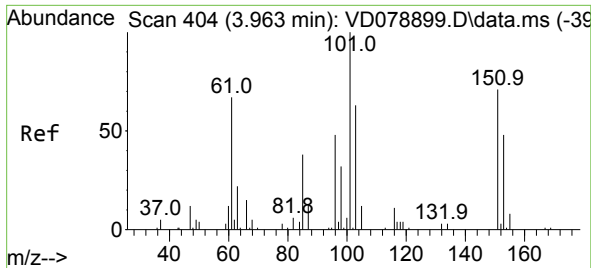
Tgt Ion:101 Resp: 414130
Ion Ratio Lower Upper
101 100
103 66.0 49.7 74.5



#8
Diethyl Ether
Concen: 142.938 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 74 Resp: 123973
Ion Ratio Lower Upper
74 100
45 70.6 42.4 127.3

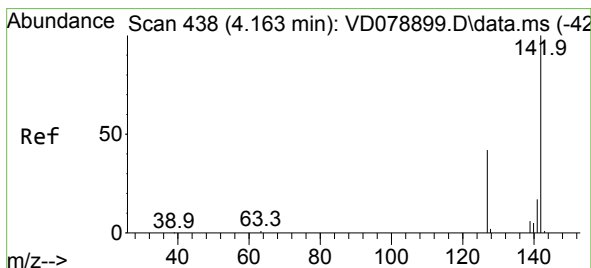
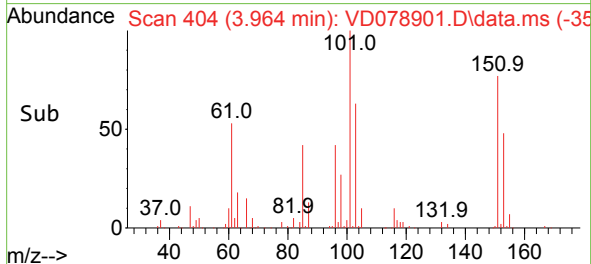
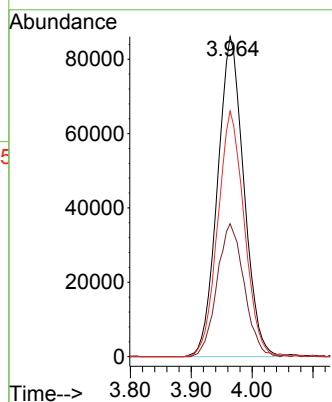
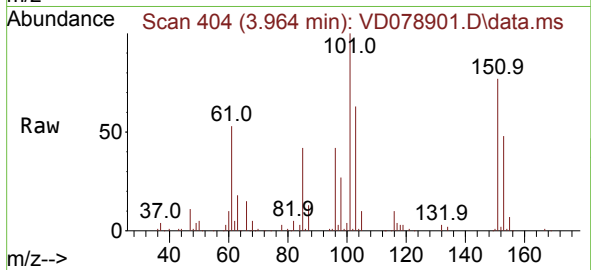




#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.545 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

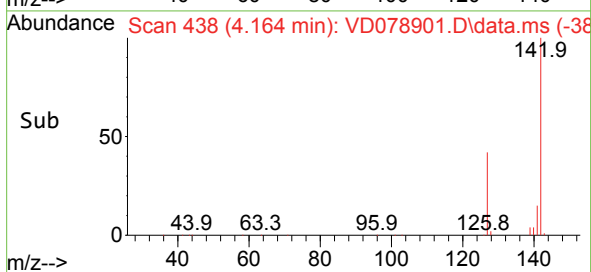
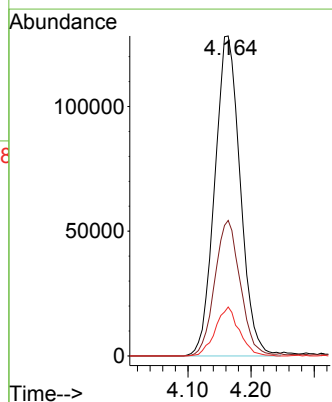
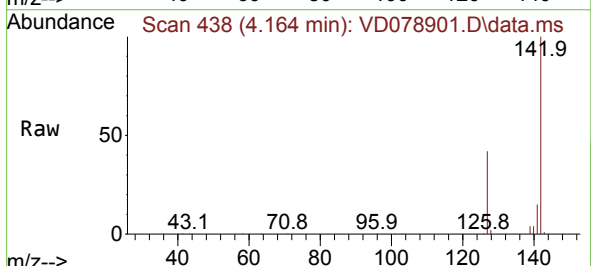
Instrument :
MSVOA_D
ClientSampleId :

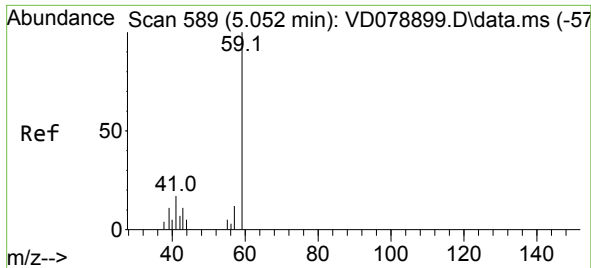
Tgt Ion:101 Resp: 258185
Ion Ratio Lower Upper
101 100
85 42.8 35.8 53.6
151 77.4 59.4 89.2



#10
Methyl Iodide
Concen: 161.077 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

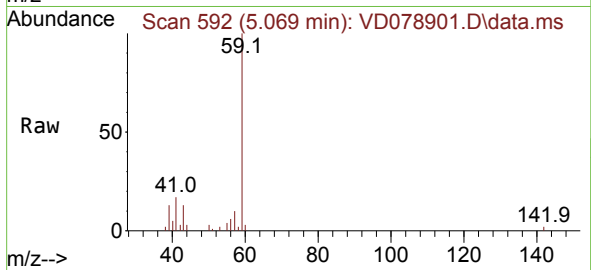
Tgt Ion:142 Resp: 360510
Ion Ratio Lower Upper
142 100
127 42.6 33.5 50.3
141 14.4 11.7 17.5



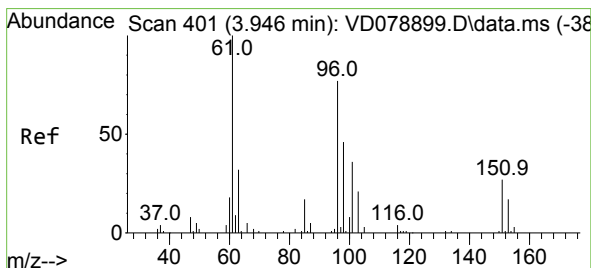
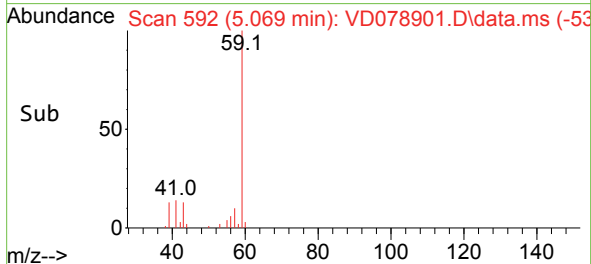
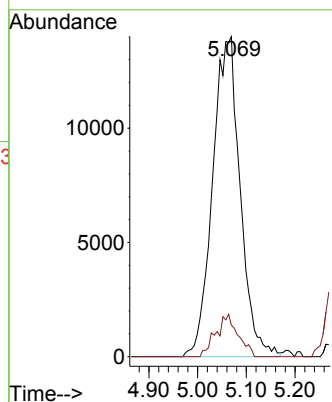


#11
Tert butyl alcohol
Concen: 726.450 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

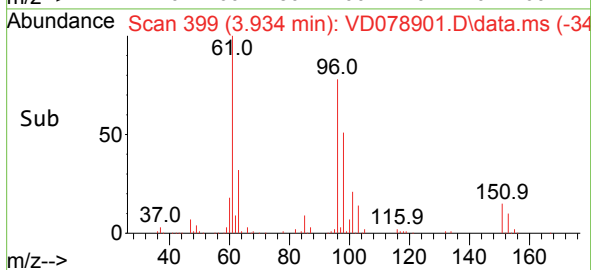
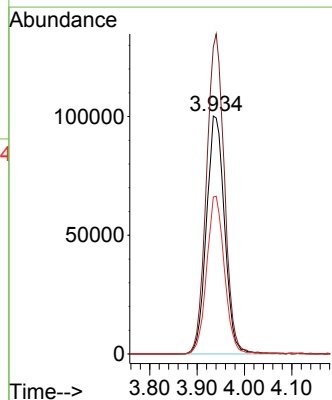
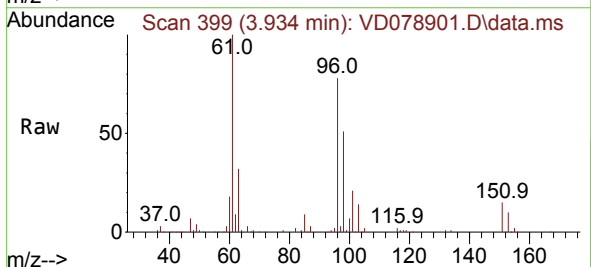


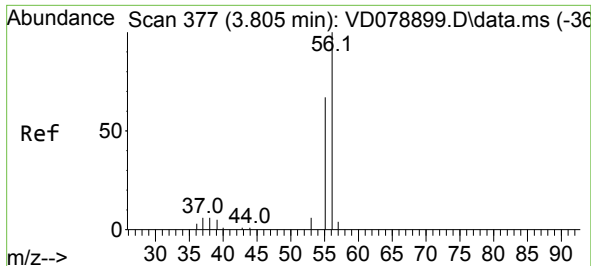
Tgt Ion: 59 Resp: 55030
Ion Ratio Lower Upper
59 100
57 10.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 143.914 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 96 Resp: 266202
Ion Ratio Lower Upper
96 100
61 129.0 101.4 152.0
98 66.0 43.4 65.0#

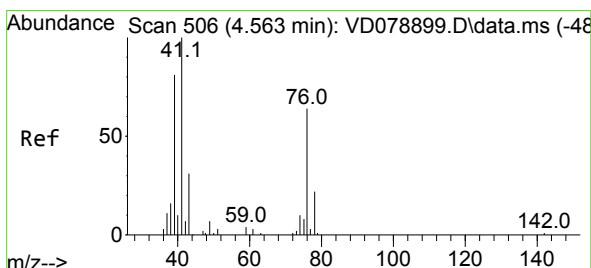
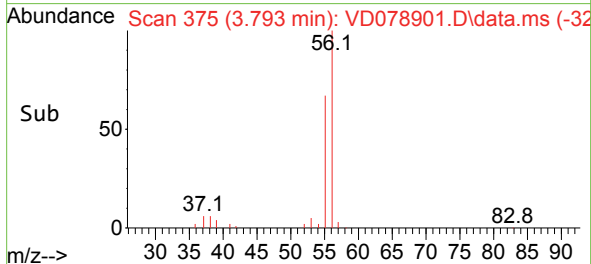
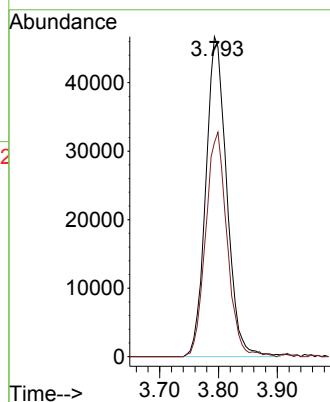
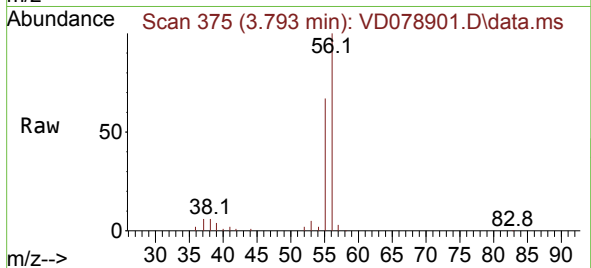




#13
Acrolein
Concen: 677.206 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

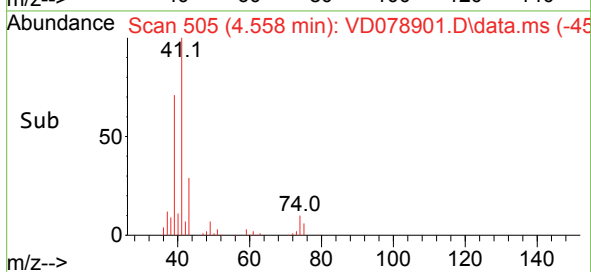
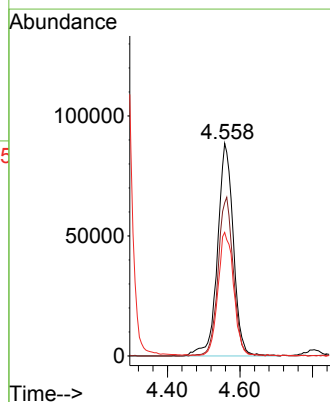
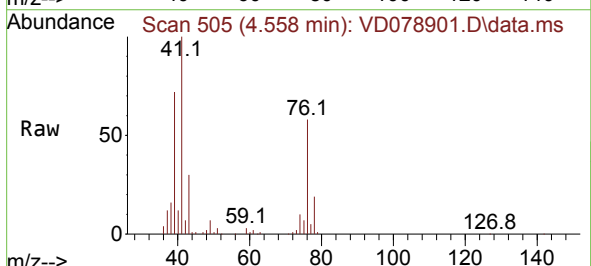
Instrument :
MSVOA_D
ClientSampleId :

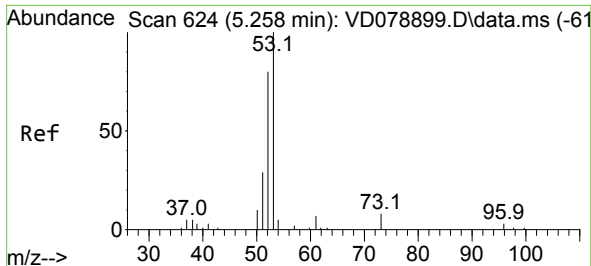
Tgt Ion: 56 Resp: 115375
Ion Ratio Lower Upper
56 100
55 71.9 54.9 82.3



#14
Allyl chloride
Concen: 156.430 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 41 Resp: 267880
Ion Ratio Lower Upper
41 100
39 72.3 57.8 86.6
76 58.1 44.8 67.2

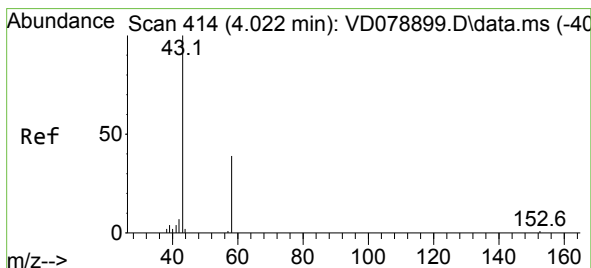
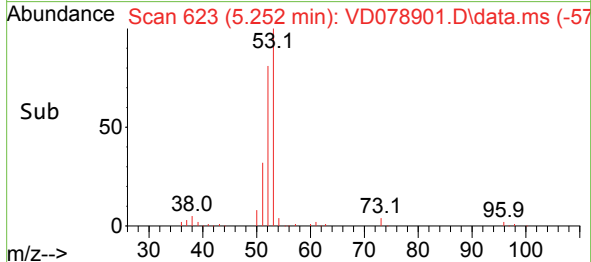
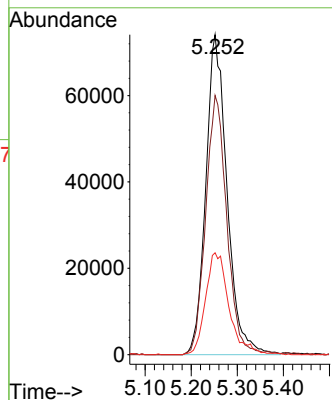
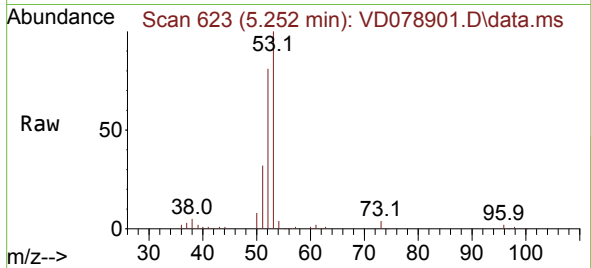




#15
Acrylonitrile
Concen: 783.488 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

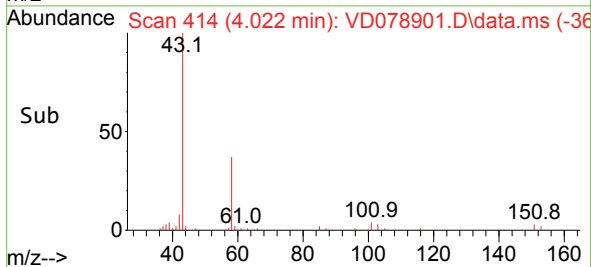
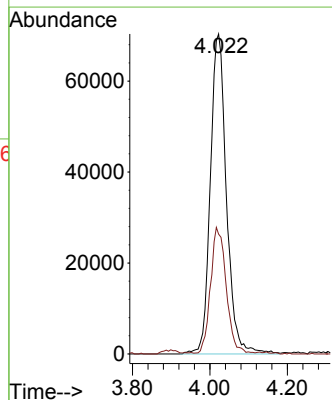
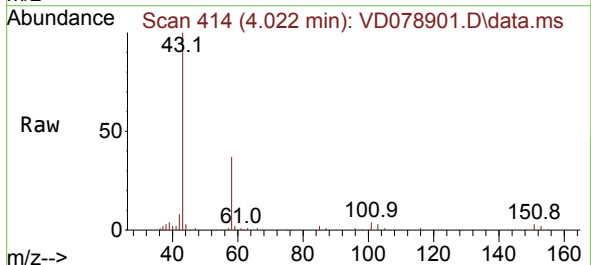
Instrument :
MSVOA_D
ClientSampleId :

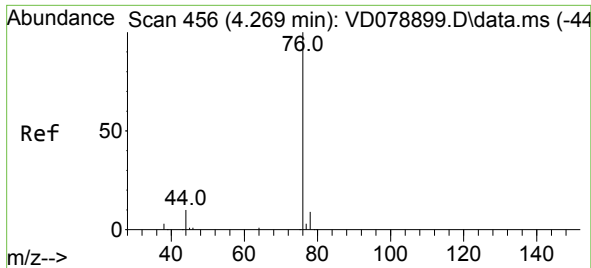
Tgt Ion: 53 Resp: 237650
Ion Ratio Lower Upper
53 100
52 80.4 61.9 92.9
51 35.3 29.0 43.4



#16
Acetone
Concen: 707.142 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 43 Resp: 203118
Ion Ratio Lower Upper
43 100
58 37.4 28.2 42.4

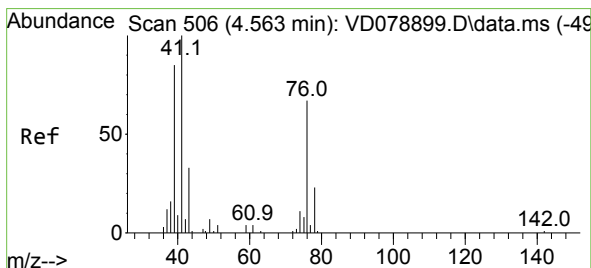
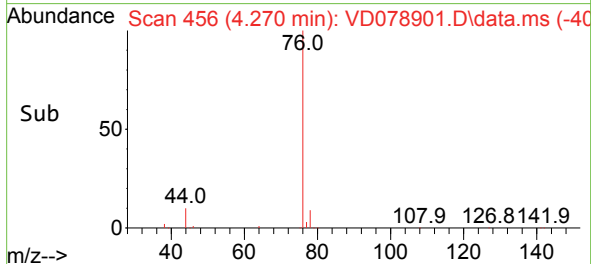
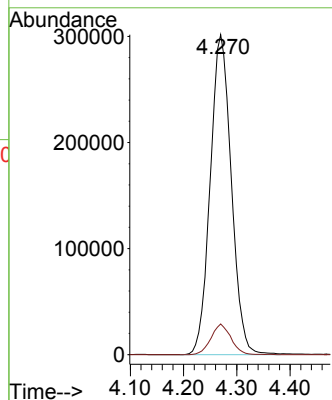
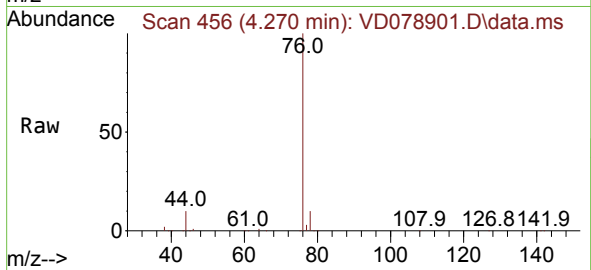




#17
Carbon Disulfide
Concen: 136.603 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

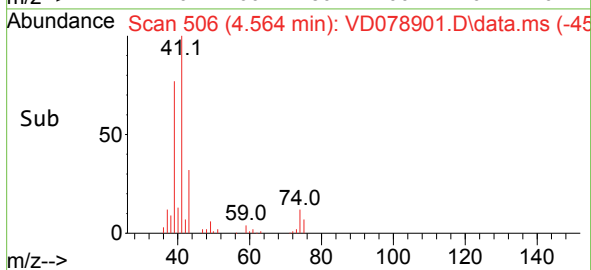
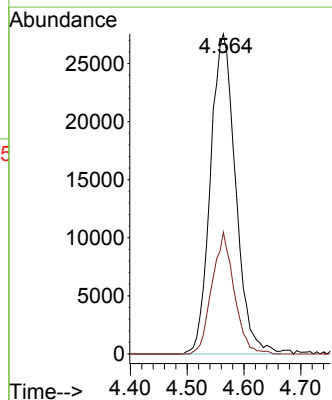
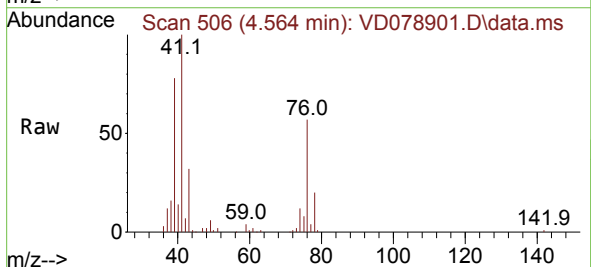
Instrument :
MSVOA_D
ClientSampleId :

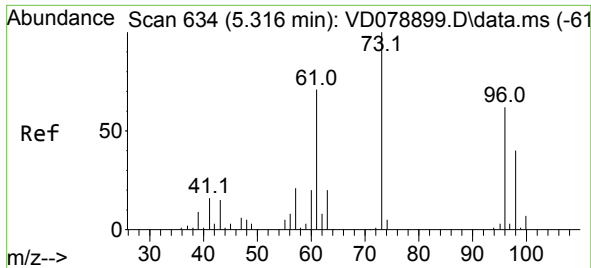
Tgt Ion: 76 Resp: 828961
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 152.833 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 43 Resp: 84721
Ion Ratio Lower Upper
43 100
74 33.5 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 166.140 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

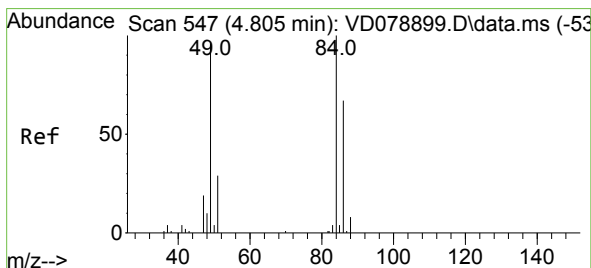
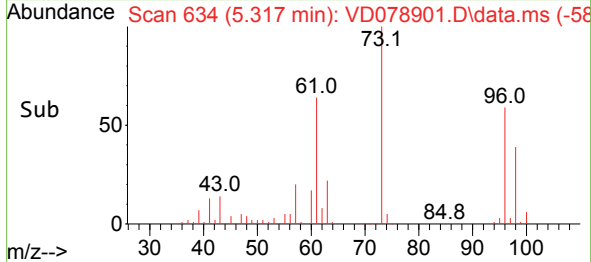
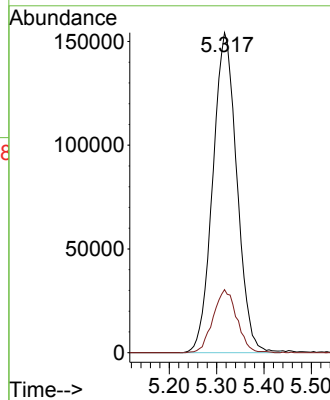
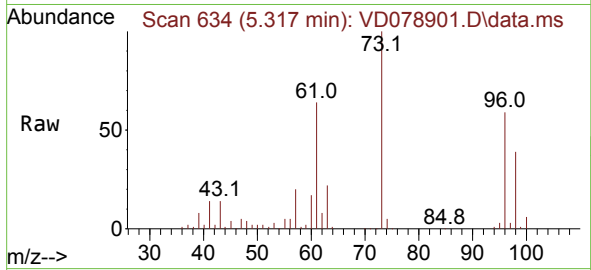
ClientSampleId :

Tgt Ion: 73 Resp: 545951

Ion Ratio Lower Upper

73 100

57 19.7 16.4 24.6



#20

Methylene Chloride

Concen: 153.535 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Tgt Ion: 84 Resp: 295021

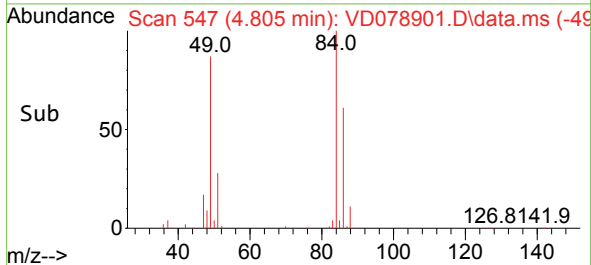
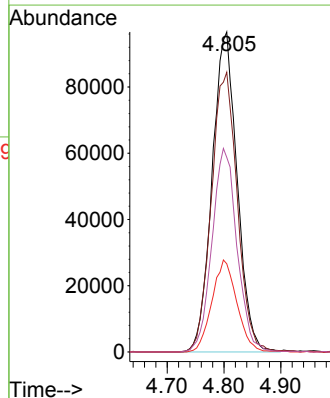
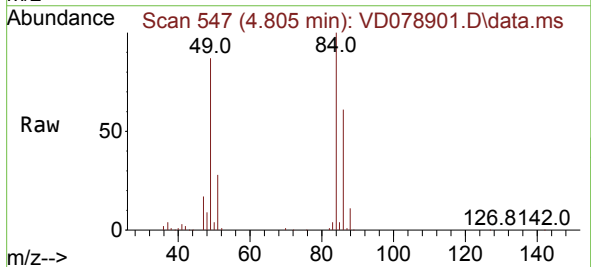
Ion Ratio Lower Upper

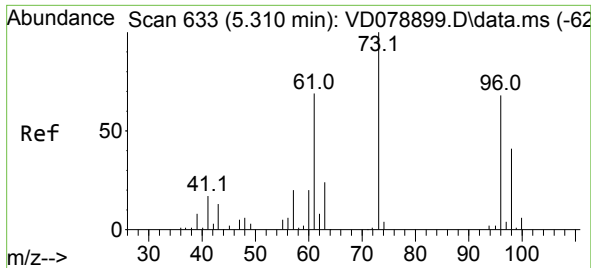
84 100

49 87.4 75.6 113.4

51 27.6 23.4 35.0

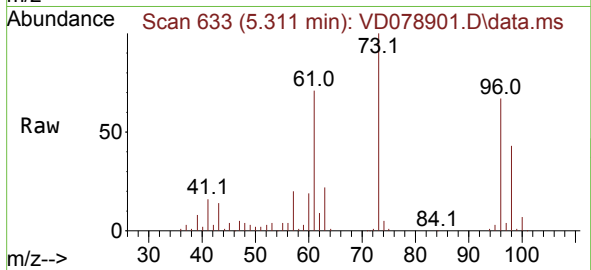
86 60.8 47.8 71.6



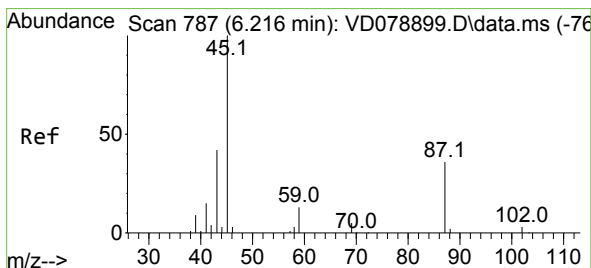
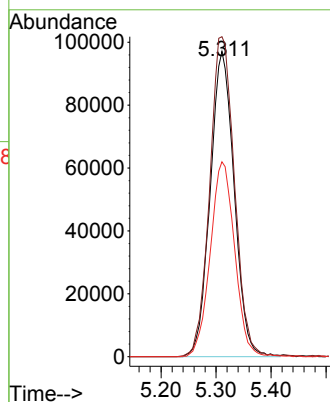
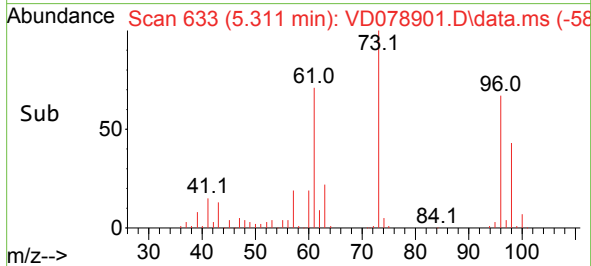


#21
trans-1,2-Dichloroethene
Concen: 153.934 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

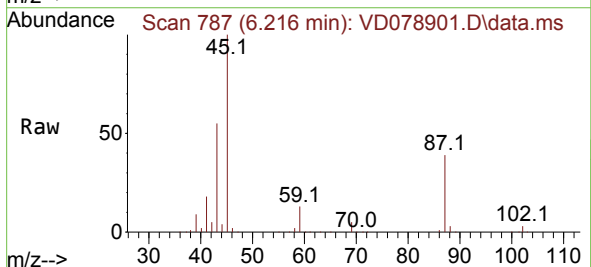
Instrument :
MSVOA_D
ClientSampleId :



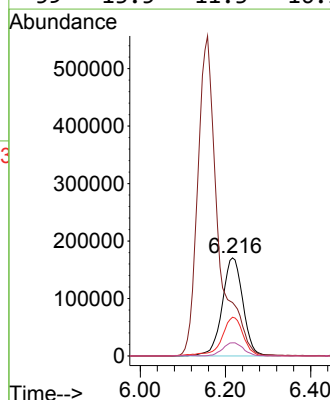
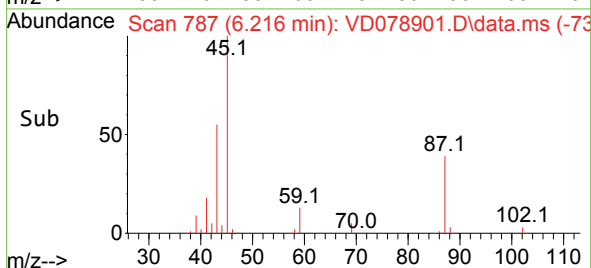
Tgt Ion: 96 Resp: 294214
Ion Ratio Lower Upper
96 100
61 104.7 96.1 144.1
98 63.8 48.9 73.3

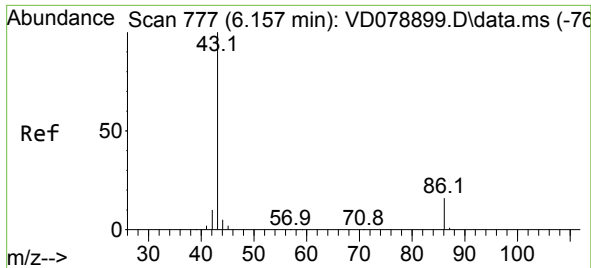


#22
Diisopropyl ether
Concen: 154.029 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08



Tgt Ion: 45 Resp: 576635
Ion Ratio Lower Upper
45 100
43 53.7 44.3 66.5
87 39.2 28.3 42.5
59 13.5 11.3 16.9

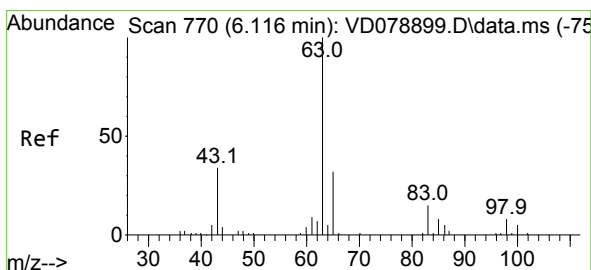
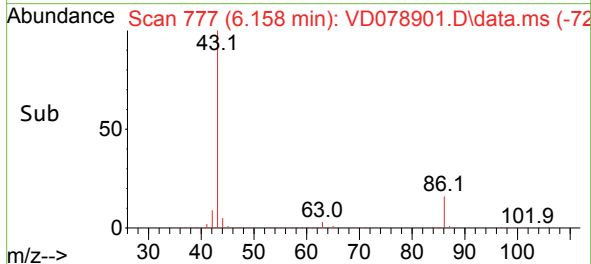
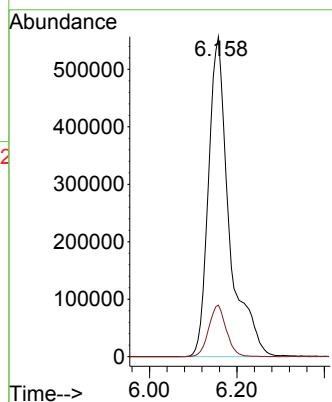
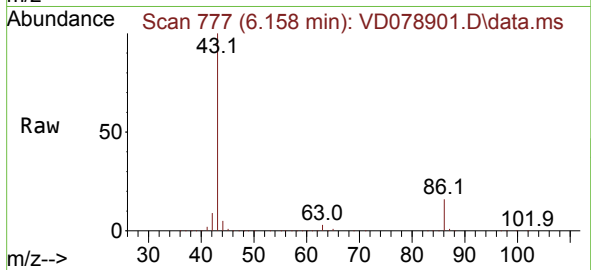




#23
 Vinyl Acetate
 Concen: 813.281 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078901.D
 Acq: 10 May 2024 18:08

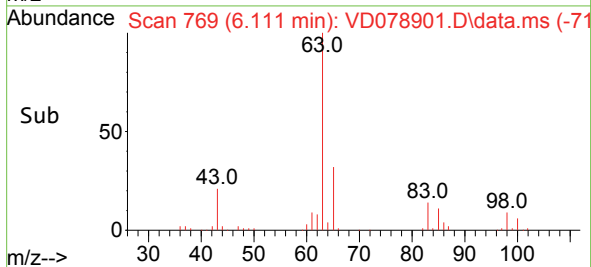
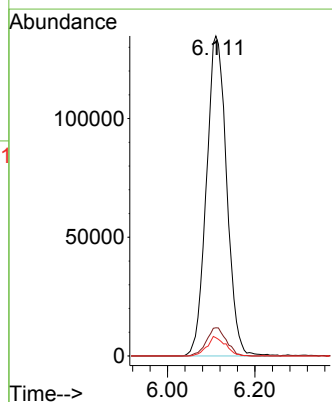
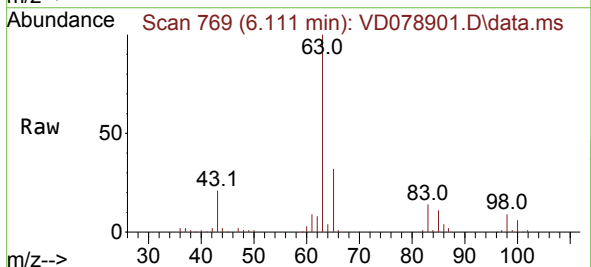
Instrument :
 MSVOA_D
 ClientSampleId :

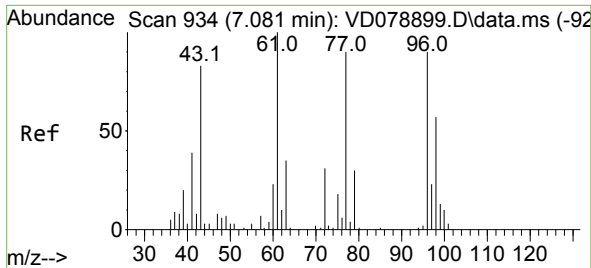
Tgt Ion: 43 Resp: 1833215
 Ion Ratio Lower Upper
 43 100
 86 16.1 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 149.553 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078901.D
 Acq: 10 May 2024 18:08

Tgt Ion: 63 Resp: 434444
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.0 11.9
 100 5.7 2.7 8.1

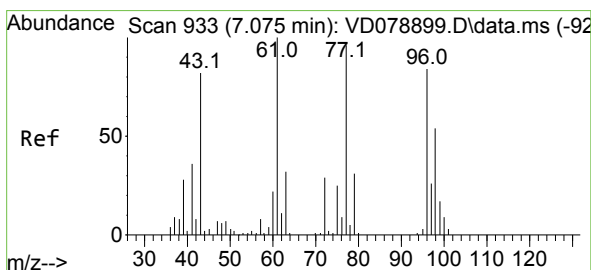
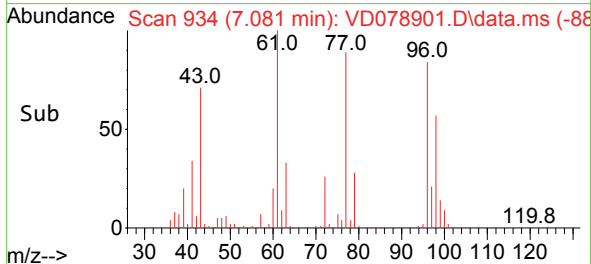
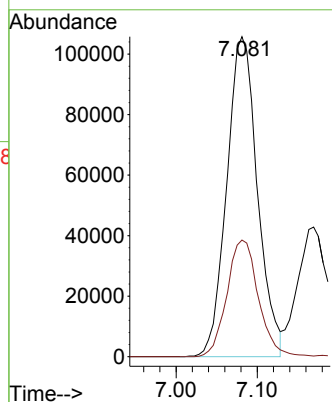
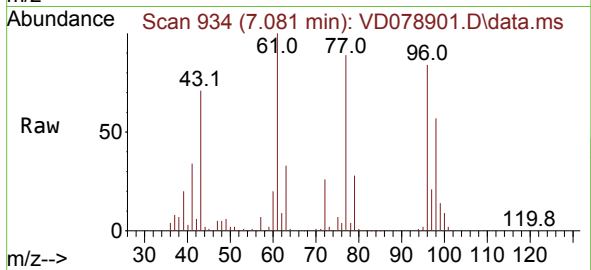




#25
2-Butanone
Concen: 790.336 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

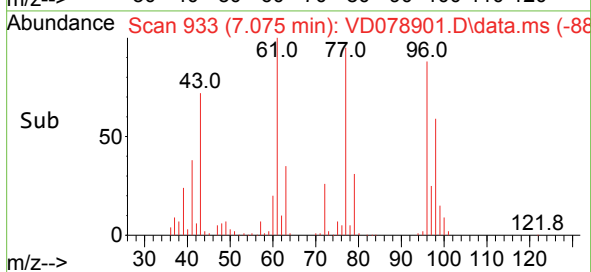
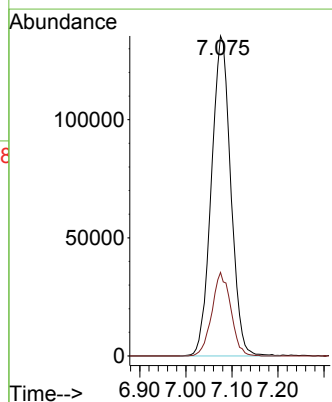
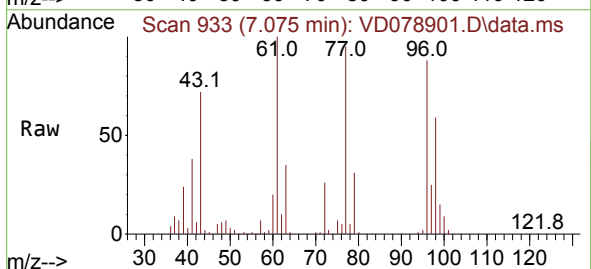
Instrument :
MSVOA_D
ClientSampleId :

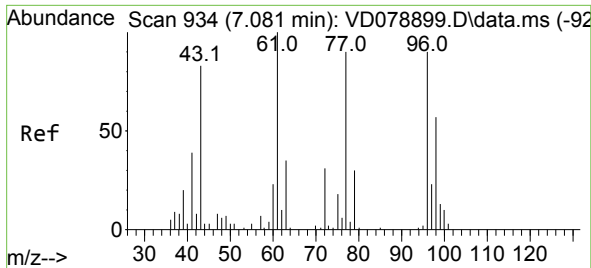
Tgt Ion: 43 Resp: 278029
Ion Ratio Lower Upper
43 100
72 36.4 25.0 37.6



#26
2,2-Dichloropropane
Concen: 150.692 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

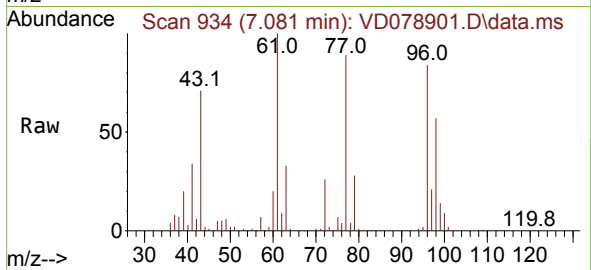
Tgt Ion: 77 Resp: 395819
Ion Ratio Lower Upper
77 100
97 25.5 12.4 37.0



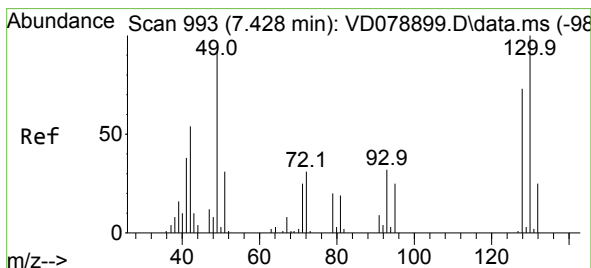
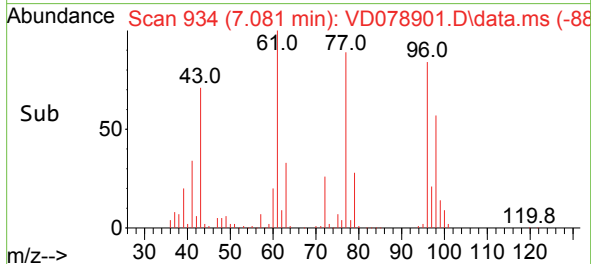
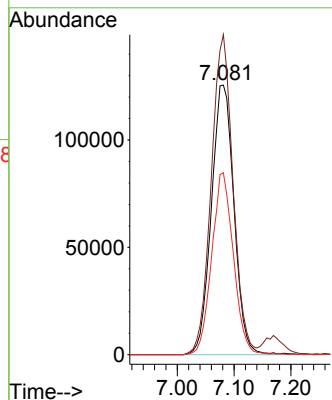


#27
cis-1,2-Dichloroethene
Concen: 156.546 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

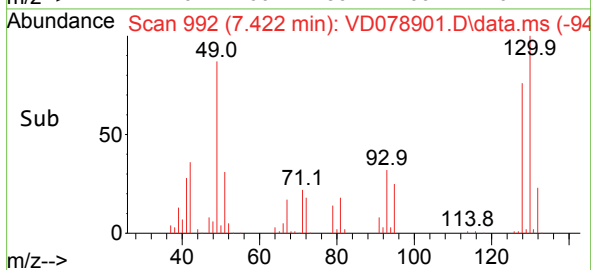
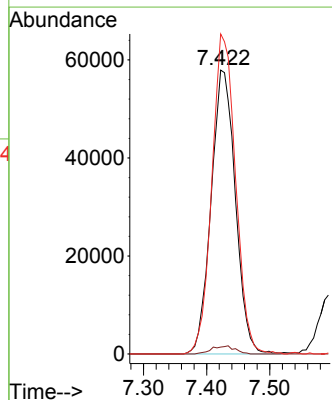
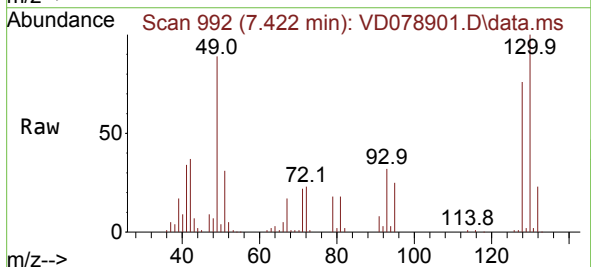


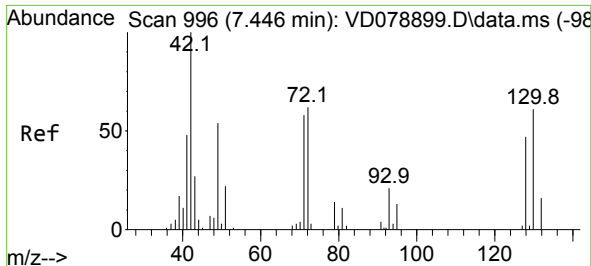
Tgt Ion: 96 Resp: 346554
Ion Ratio Lower Upper
96 100
61 114.5 0.0 245.0
98 64.8 0.0 126.6



#28
Bromochloromethane
Concen: 152.325 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 49 Resp: 154411
Ion Ratio Lower Upper
49 100
129 2.7 0.0 6.2
130 110.2 77.1 115.7





#29

Tetrahydrofuran

Concen: 812.135 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

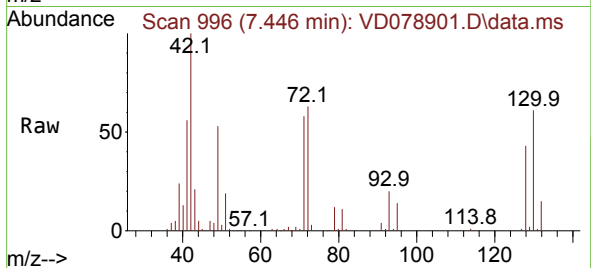
Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :



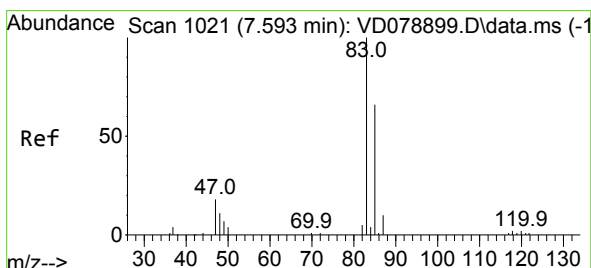
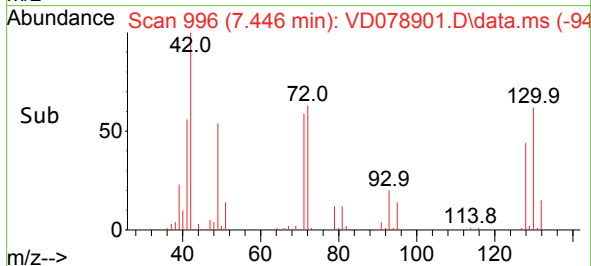
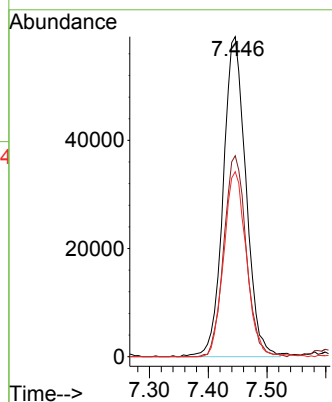
Tgt Ion: 42 Resp: 158933

Ion Ratio Lower Upper

42 100

72 61.9 43.8 65.6

71 57.9 42.0 63.0



#30

Chloroform

Concen: 147.646 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078901.D

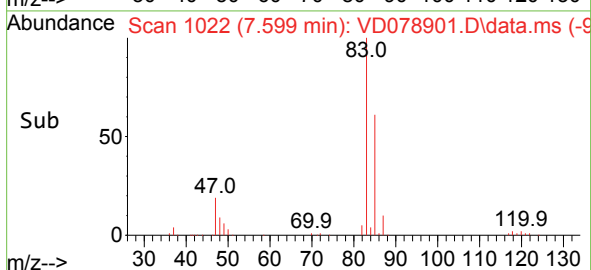
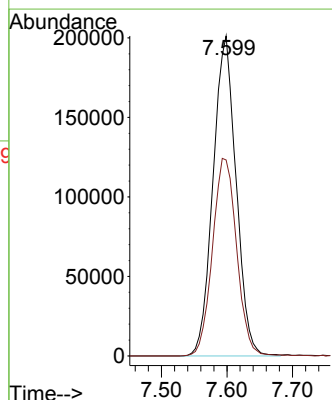
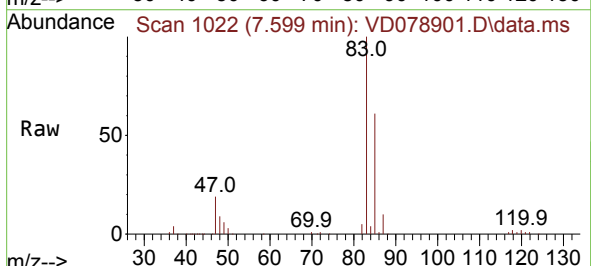
Acq: 10 May 2024 18:08

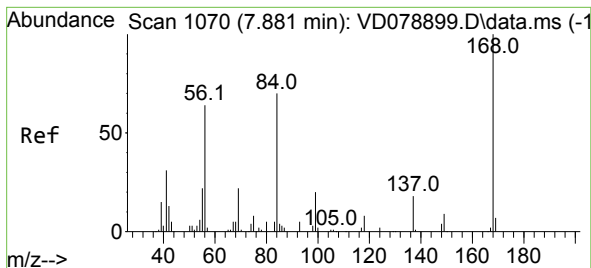
Tgt Ion: 83 Resp: 490357

Ion Ratio Lower Upper

83 100

85 61.2 51.2 76.8





#31

Cyclohexane

Concen: 145.849 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

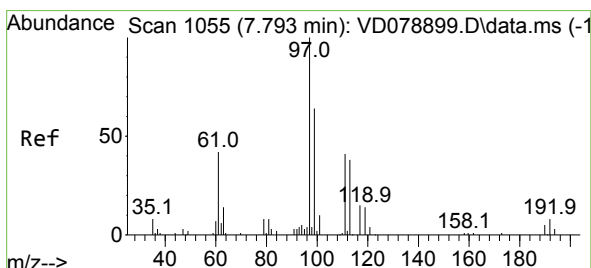
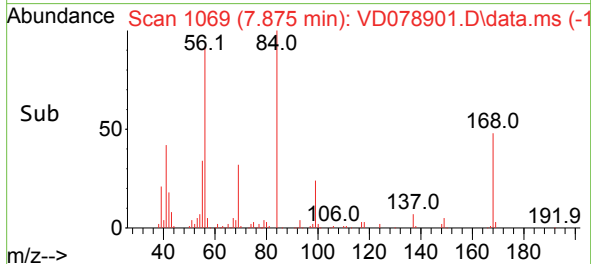
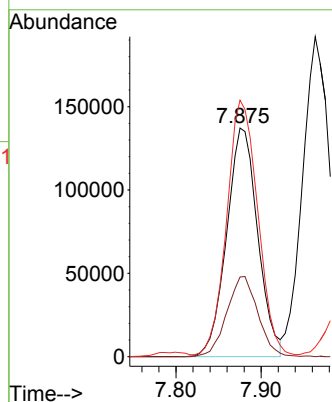
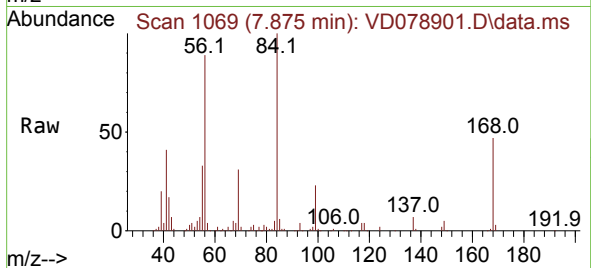
Tgt Ion: 56 Resp: 348226

Ion Ratio Lower Upper

56 100

69 34.8 26.6 40.0

84 110.5 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 150.910 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

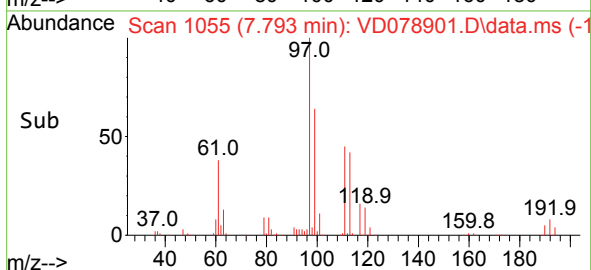
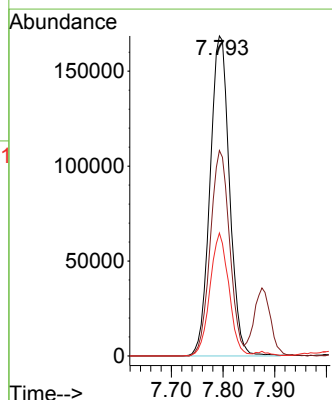
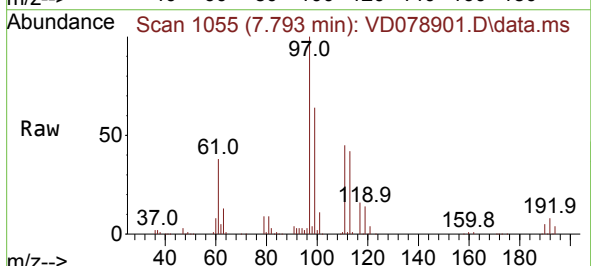
Tgt Ion: 97 Resp: 440876

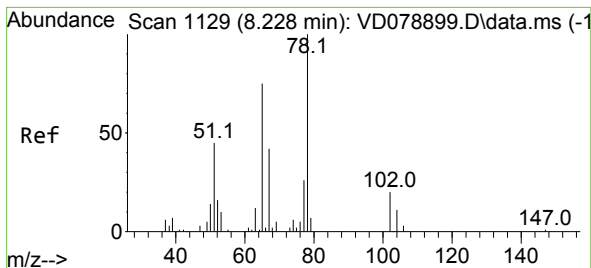
Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 37.4 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 142.496 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

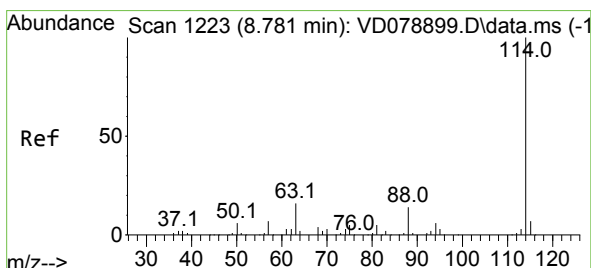
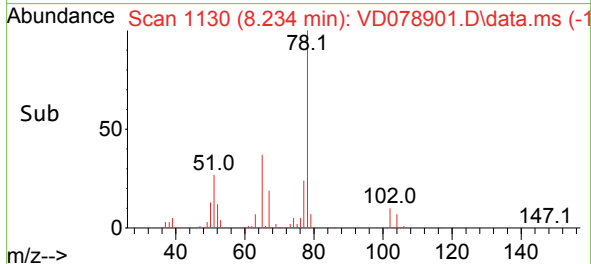
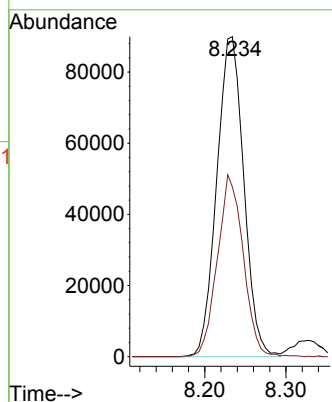
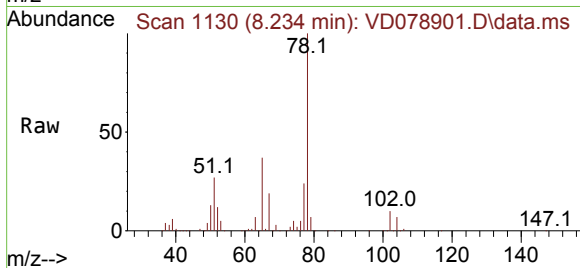
ClientSampleId :

Tgt Ion: 65 Resp: 208293

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

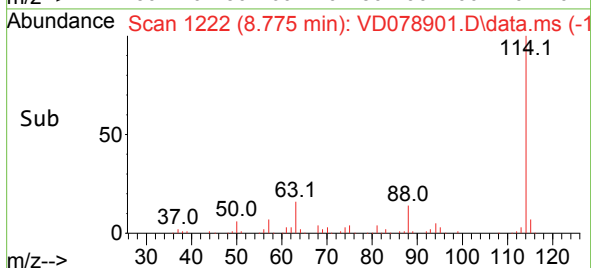
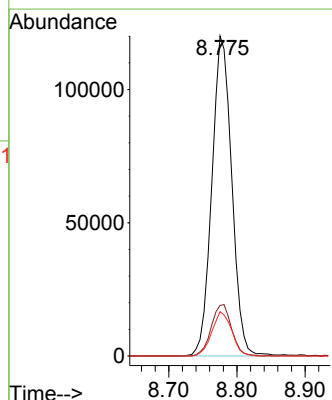
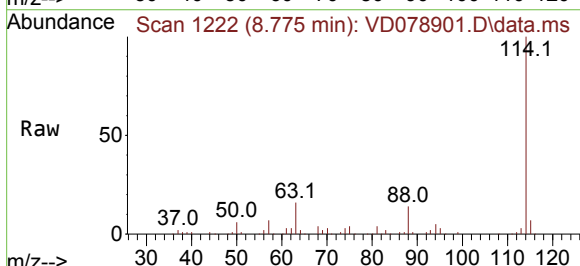
Tgt Ion: 114 Resp: 244147

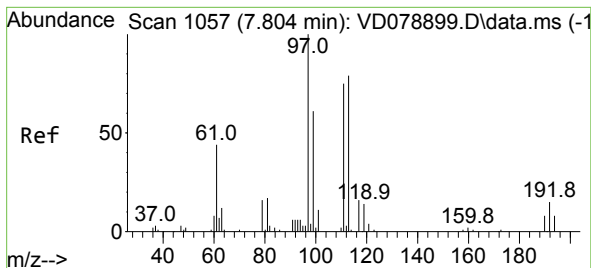
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.4

88 13.8 0.0 24.6





#35

Dibromofluoromethane

Concen: 156.513 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

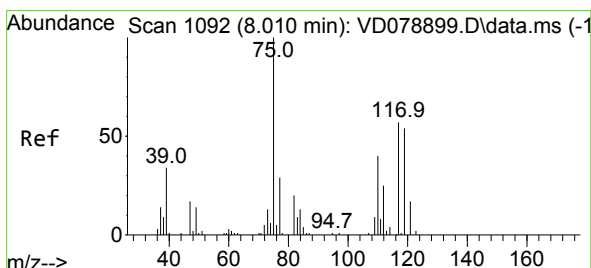
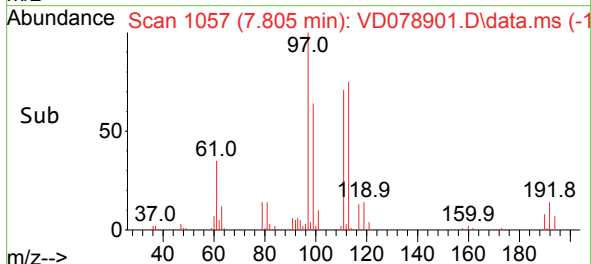
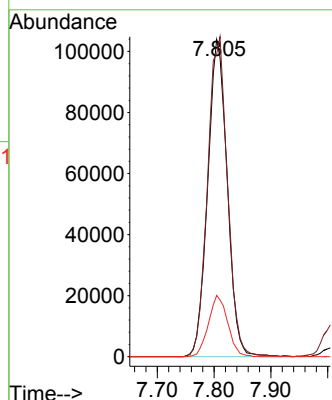
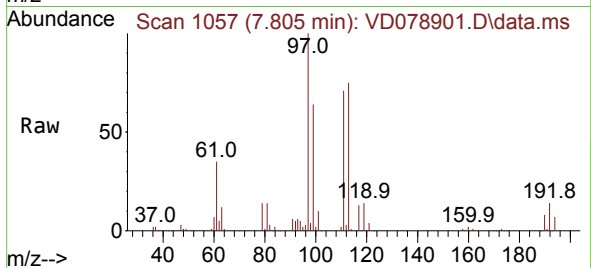
Tgt Ion:113 Resp: 248039

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 19.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 163.307 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

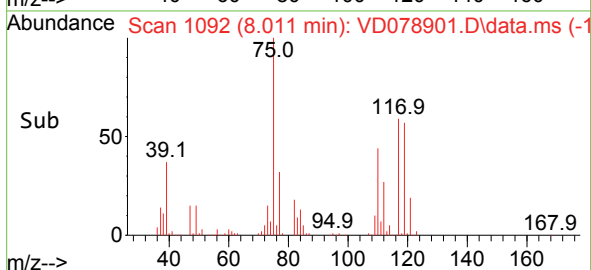
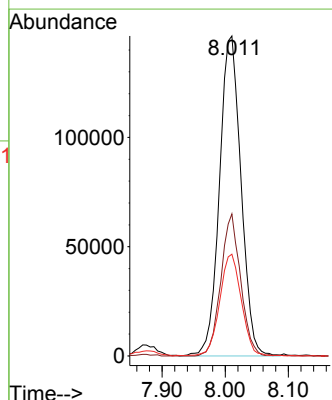
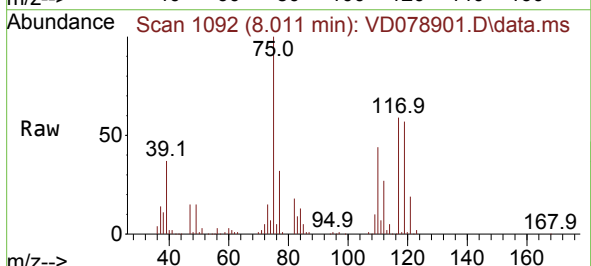
Tgt Ion: 75 Resp: 347711

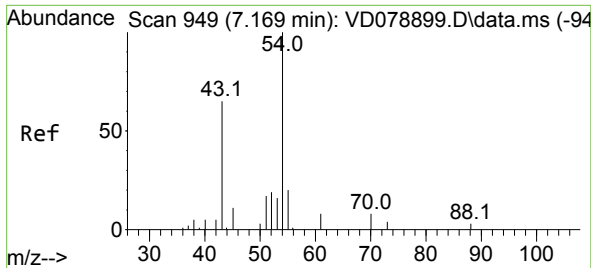
Ion Ratio Lower Upper

75 100

110 40.6 19.1 57.1

77 32.0 25.4 38.2

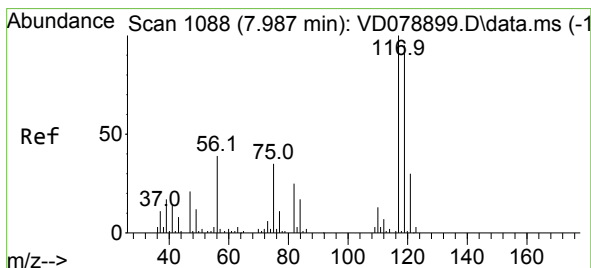
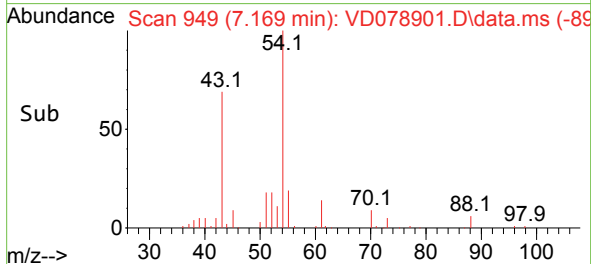
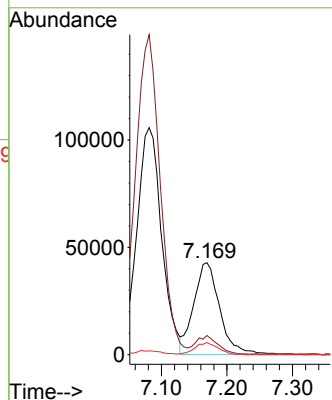
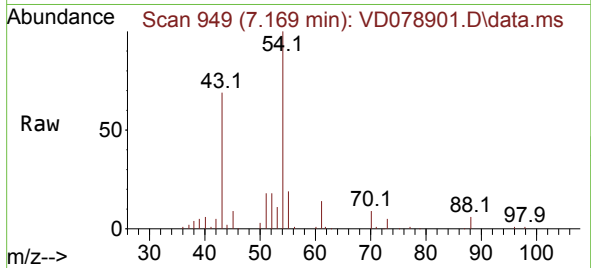




#37
Ethyl Acetate
Concen: 166.687 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

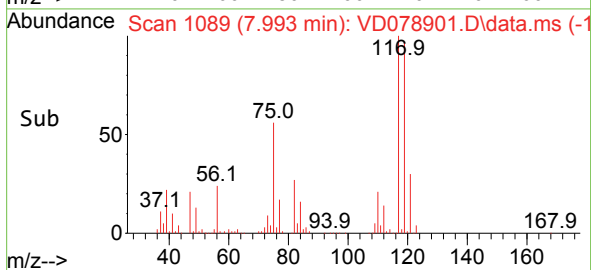
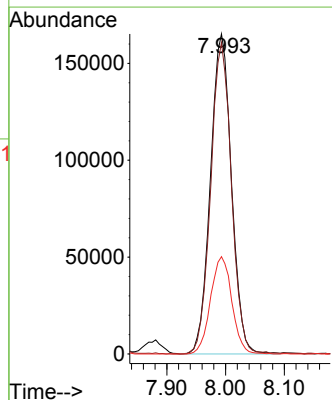
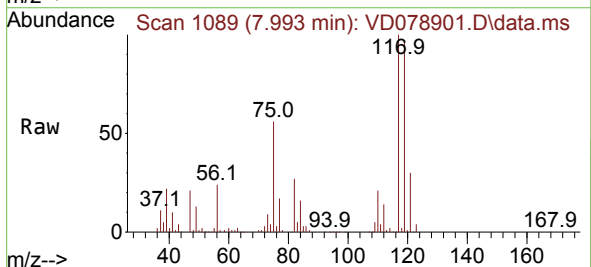
Instrument :
MSVOA_D
ClientSampleId :

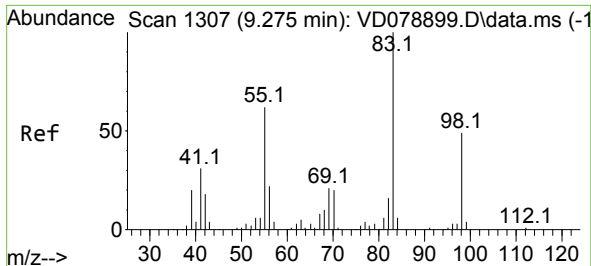
Tgt Ion: 43 Resp: 117113
Ion Ratio Lower Upper
43 100
61 17.4 14.6 21.8
70 12.0 9.4 14.0



#38
Carbon Tetrachloride
Concen: 164.413 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 117 Resp: 411070
Ion Ratio Lower Upper
117 100
119 97.4 79.2 118.8
121 30.4 26.8 40.2

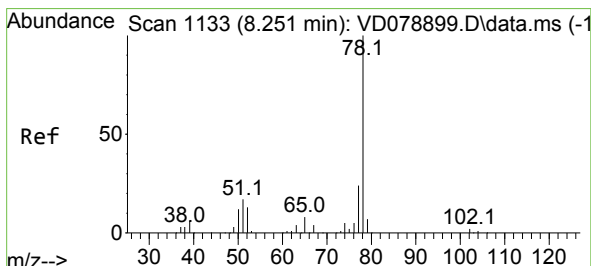
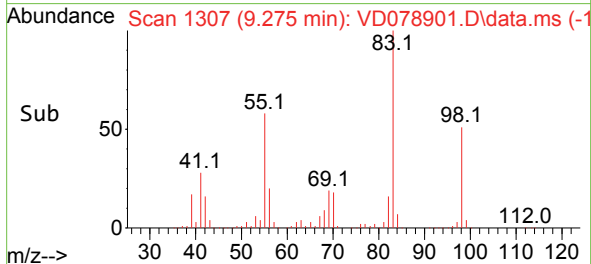
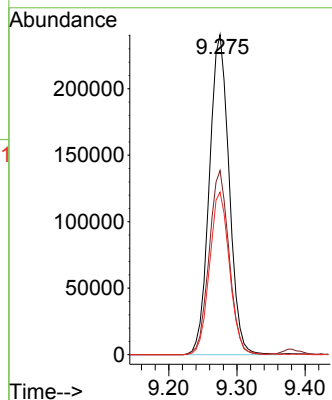
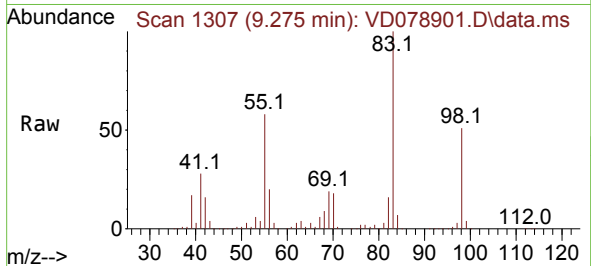




#39
Methylcyclohexane
Concen: 178.284 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

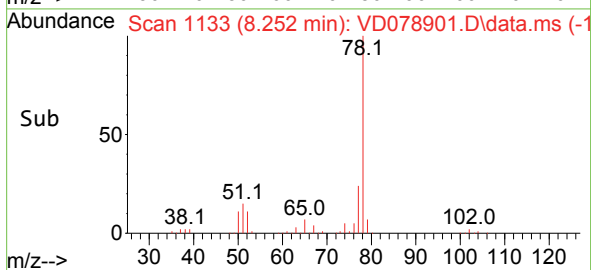
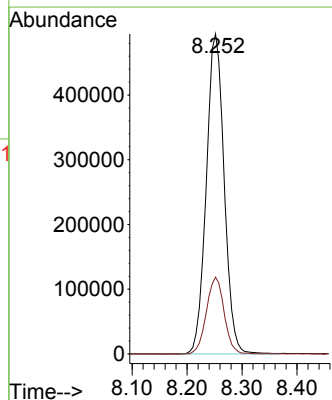
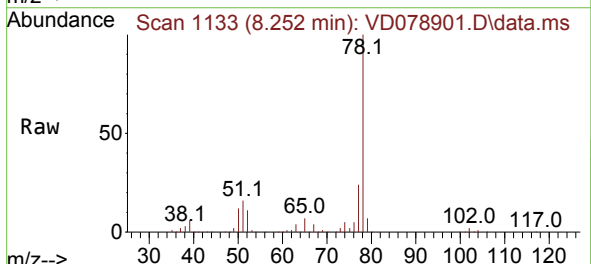
Instrument :
MSVOA_D
ClientSampleId :

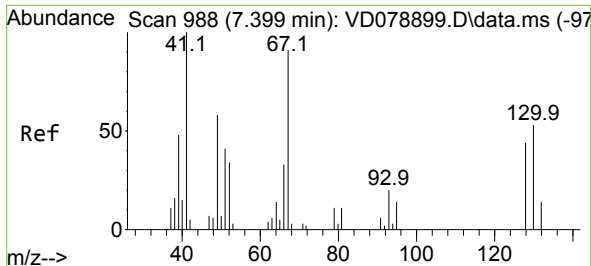
Tgt Ion: 83 Resp: 486644
Ion Ratio Lower Upper
83 100
55 57.6 51.7 77.5
98 50.8 41.4 62.0



#40
Benzene
Concen: 162.679 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

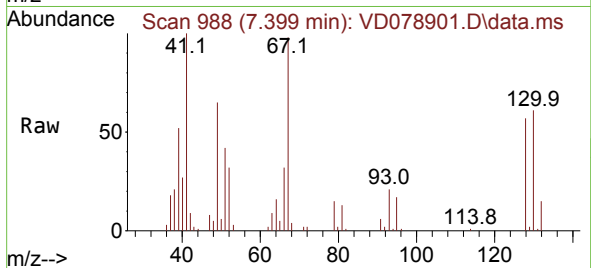
Tgt Ion: 78 Resp: 1116929
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6



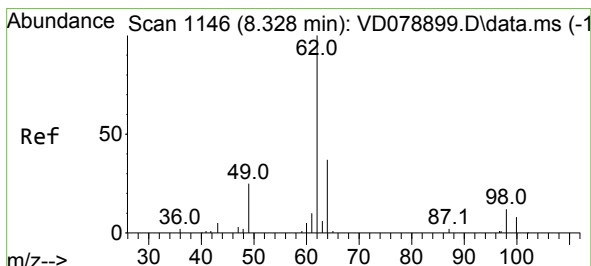
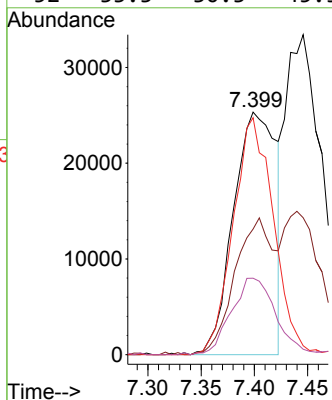
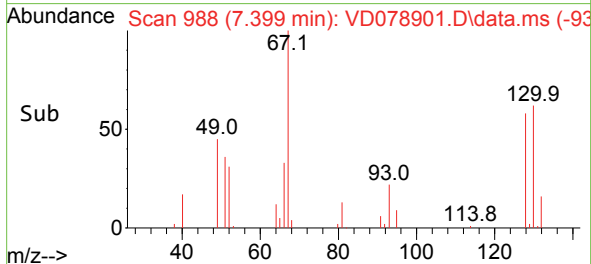


#41
Methacrylonitrile
Concen: 181.199 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

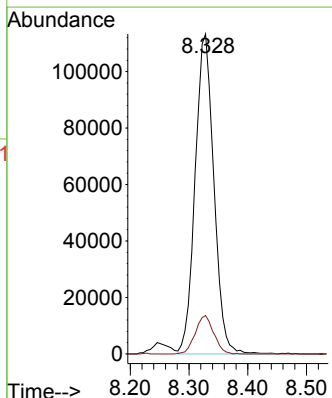
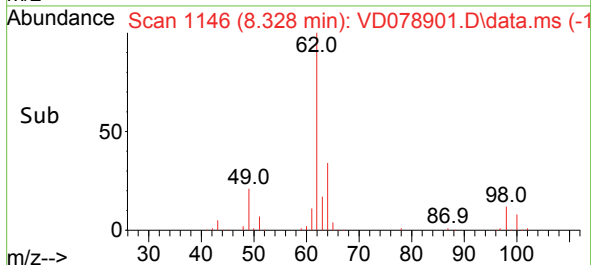
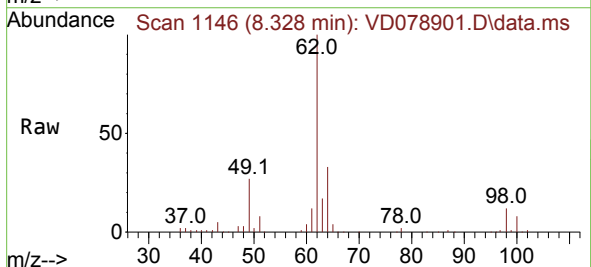


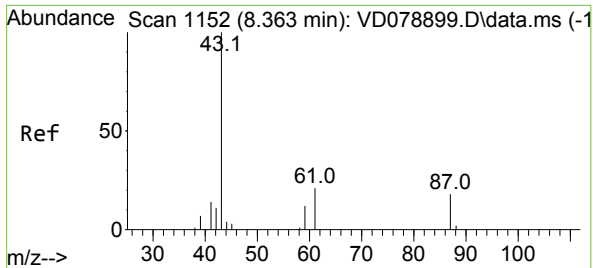
Tgt Ion:	41	Resp:	70569
Ion	Ratio	Lower	Upper
41	100		
39	52.4	39.8	59.6
67	92.8	83.5	125.3
52	33.3	30.3	45.5



#42
1,2-Dichloroethane
Concen: 156.714 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion:	62	Resp:	250780
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	23.8

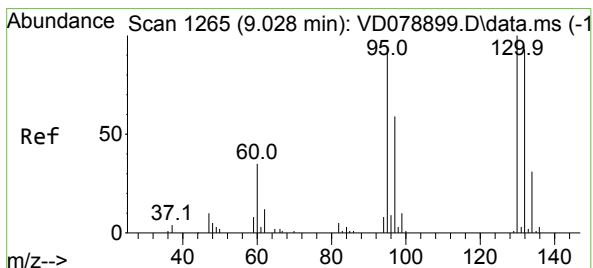
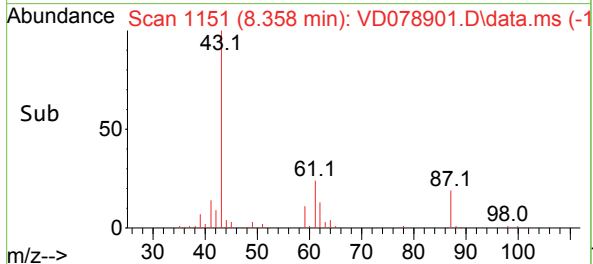
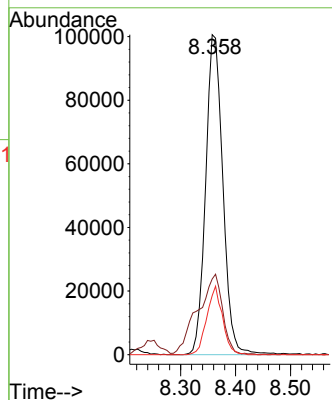
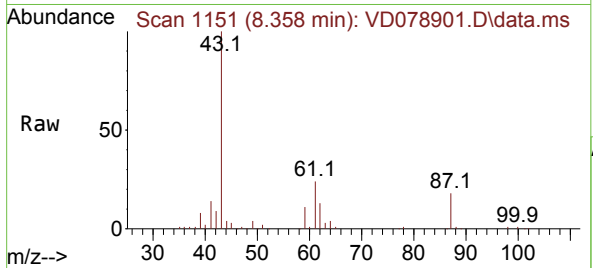




#43
Isopropyl Acetate
Concen: 168.126 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

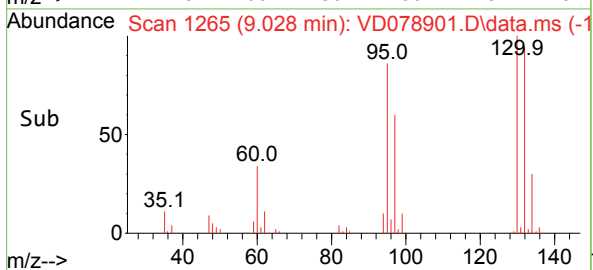
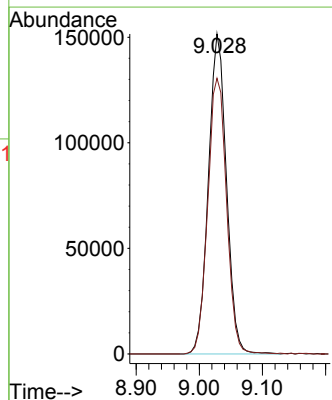
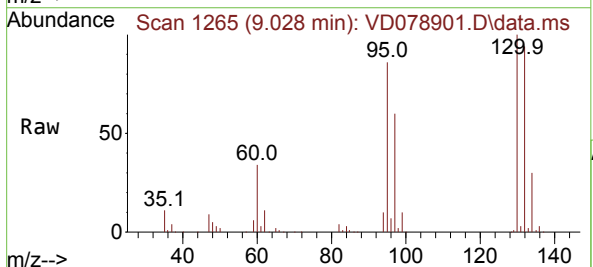
Instrument :
MSVOA_D
ClientSampleId :

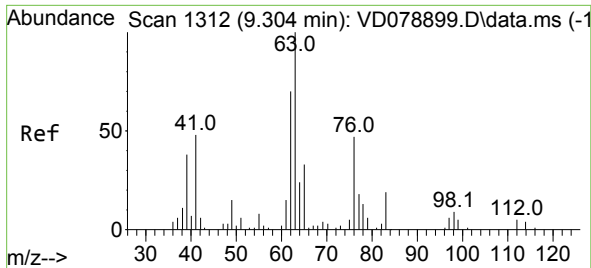
Tgt Ion: 43 Resp: 219388
Ion Ratio Lower Upper
43 100
61 36.4 30.1 45.1
87 19.5 14.4 21.6



#44
Trichloroethene
Concen: 164.506 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion:130 Resp: 301025
Ion Ratio Lower Upper
130 100
95 86.2 0.0 197.8

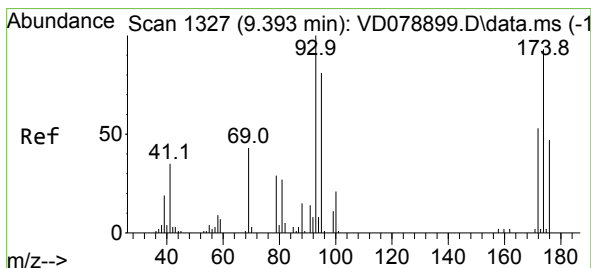
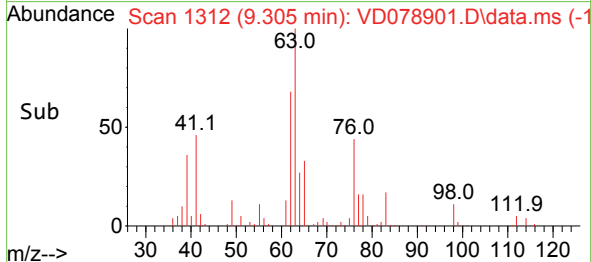
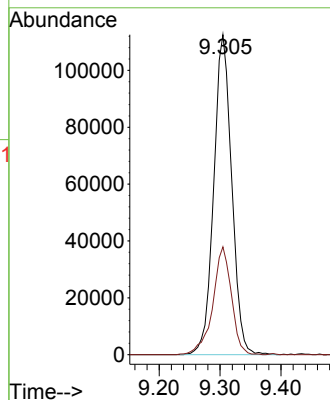
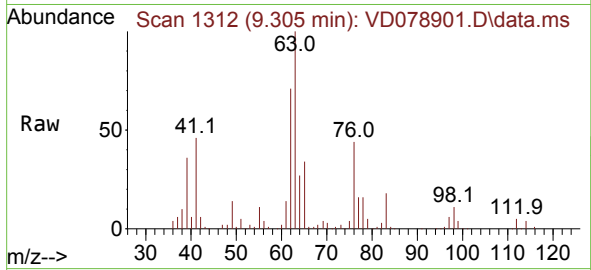




#45
1,2-Dichloropropane
Concen: 152.763 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

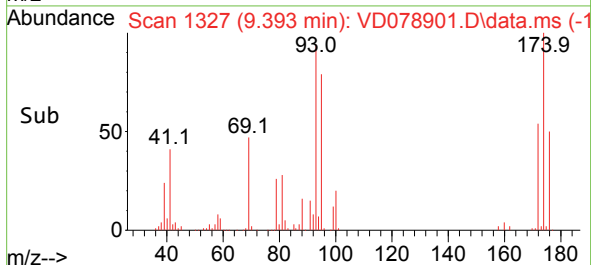
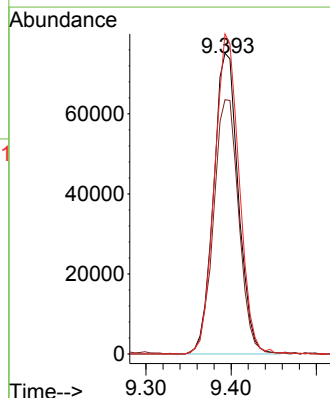
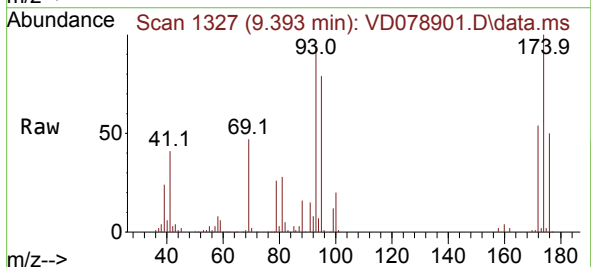
Instrument :
MSVOA_D
ClientSampleId :

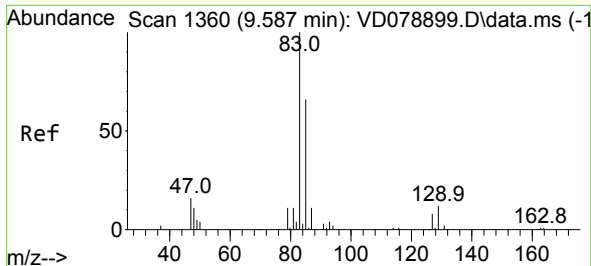
Tgt Ion: 63 Resp: 231043
Ion Ratio Lower Upper
63 100
65 33.7 24.8 37.2



#46
Dibromomethane
Concen: 158.484 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

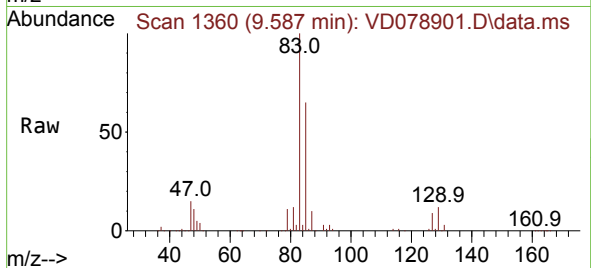
Tgt Ion: 93 Resp: 152123
Ion Ratio Lower Upper
93 100
95 86.0 67.3 100.9
174 105.4 80.9 121.3



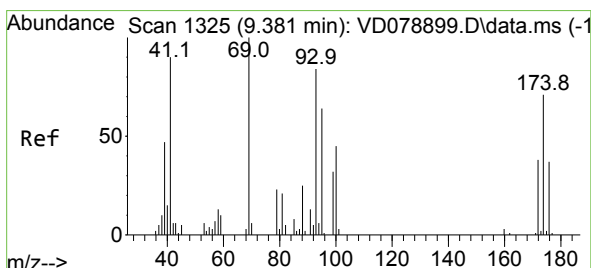
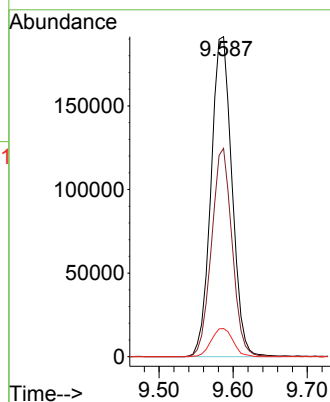
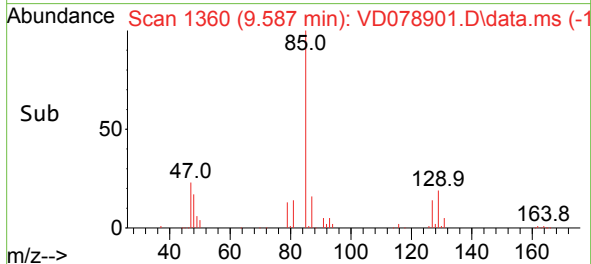


#47
Bromodichloromethane
Concen: 158.225 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

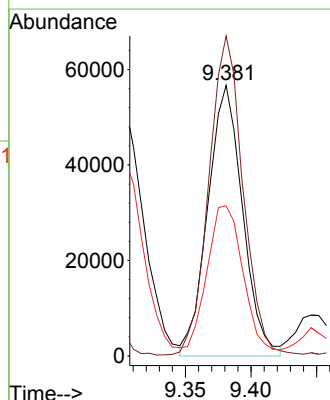
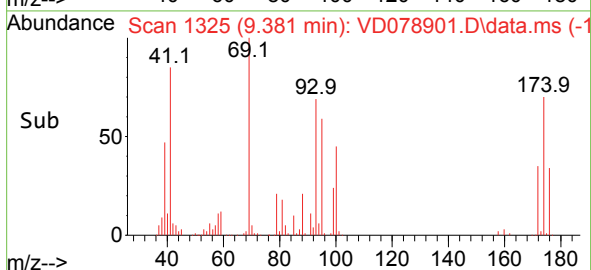
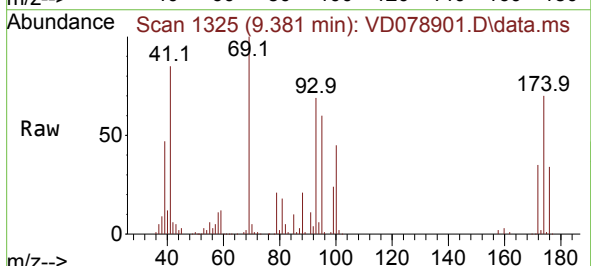


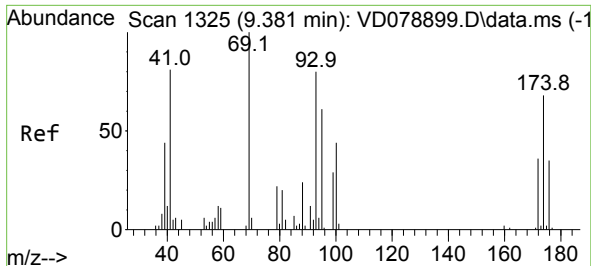
Tgt Ion: 83 Resp: 375817
Ion Ratio Lower Upper
83 100
85 65.1 54.0 81.0
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 172.851 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 41 Resp: 104699
Ion Ratio Lower Upper
41 100
69 115.1 88.3 132.5
39 54.0 46.6 69.8





#49

1,4-Dioxane

Concen: 3573.452 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

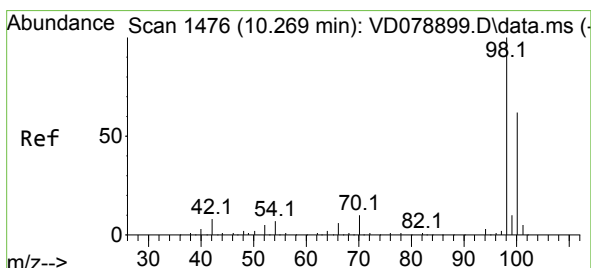
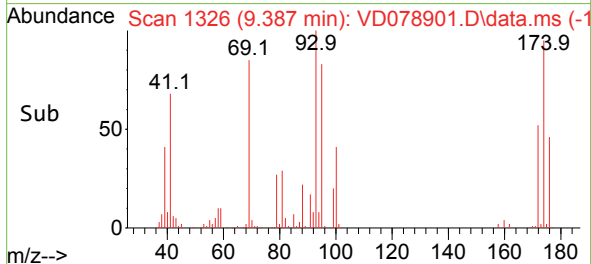
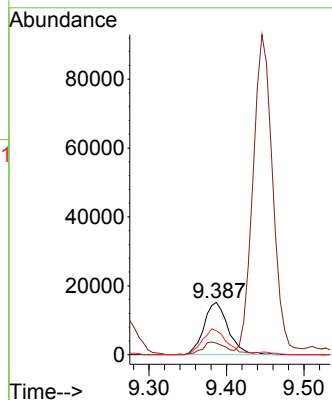
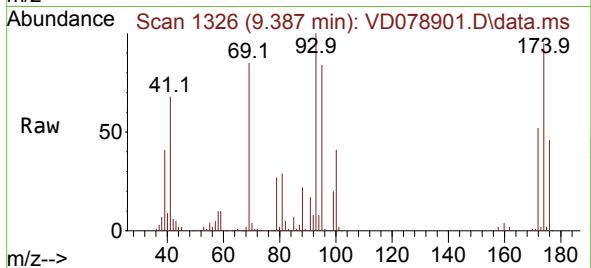
Tgt Ion: 88 Resp: 33046

Ion Ratio Lower Upper

88 100

43 23.5 23.2 34.8

58 48.8 51.0 76.6#



#50

Toluene-d8

Concen: 166.603 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078901.D

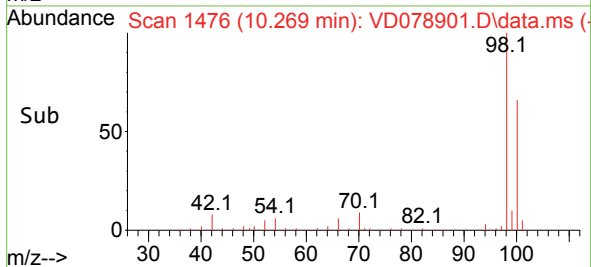
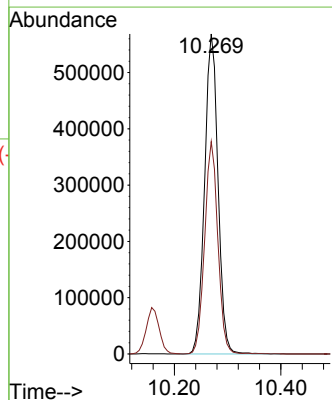
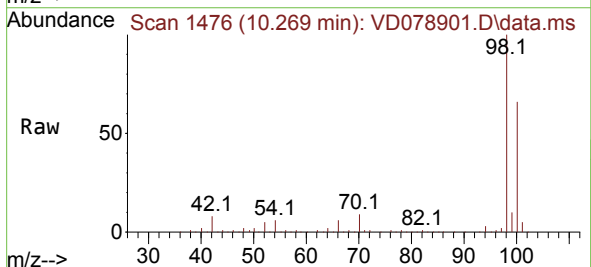
Acq: 10 May 2024 18:08

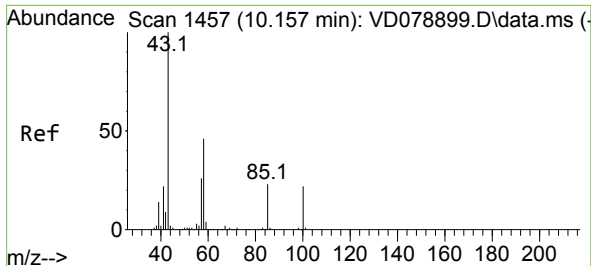
Tgt Ion: 98 Resp: 993177

Ion Ratio Lower Upper

98 100

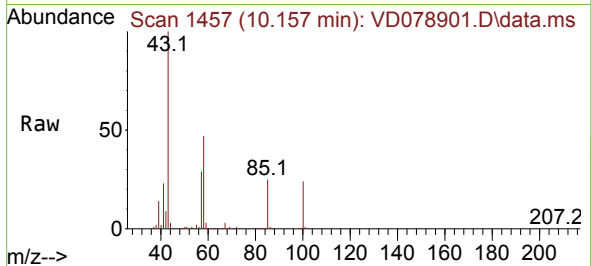
100 65.3 50.5 75.7



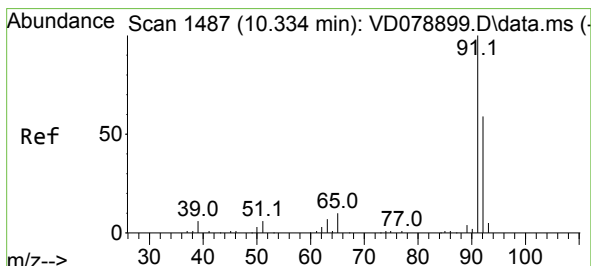
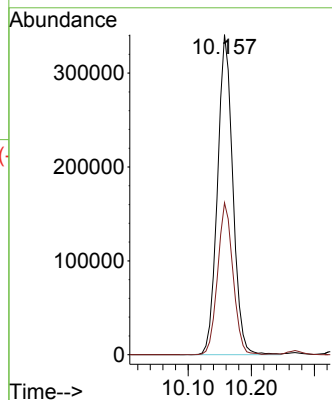
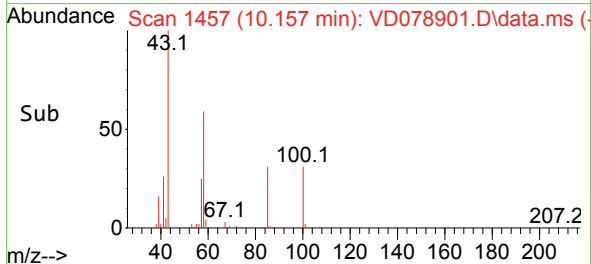


#51
4-Methyl-2-Pentanone
Concen: 858.940 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

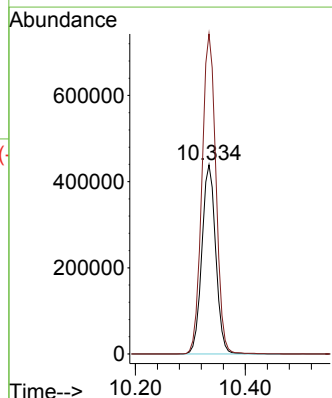
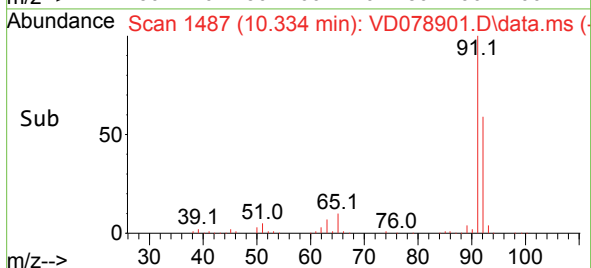
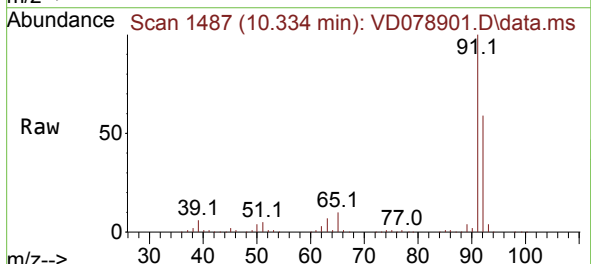


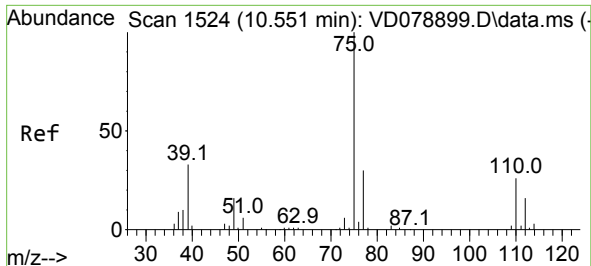
Tgt Ion: 43 Resp: 575361
Ion Ratio Lower Upper
43 100
58 47.4 36.4 54.6



#52
Toluene
Concen: 172.448 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 92 Resp: 768143
Ion Ratio Lower Upper
92 100
91 171.3 136.6 205.0

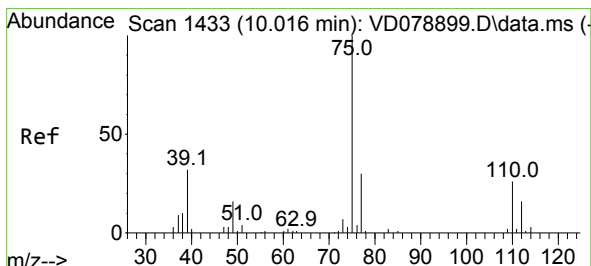
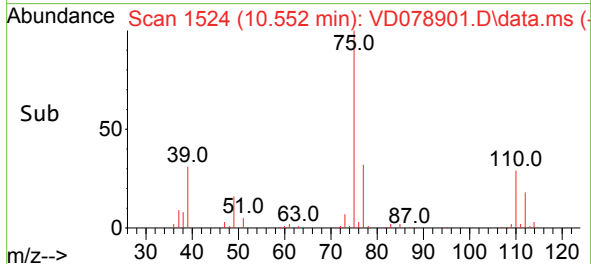
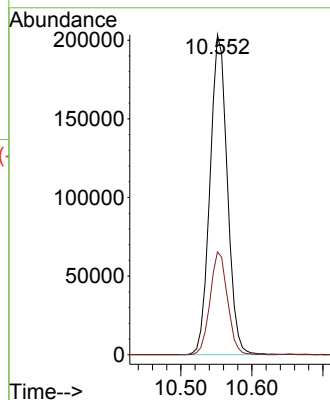
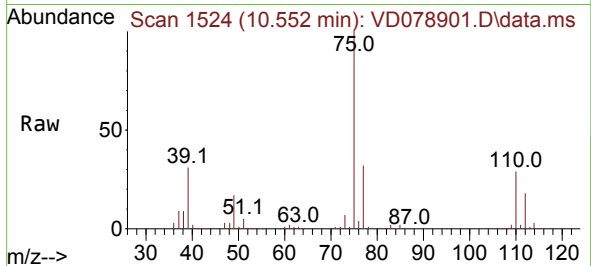




#53
 t-1,3-Dichloropropene
 Concen: 171.527 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078901.D
 Acq: 10 May 2024 18:08

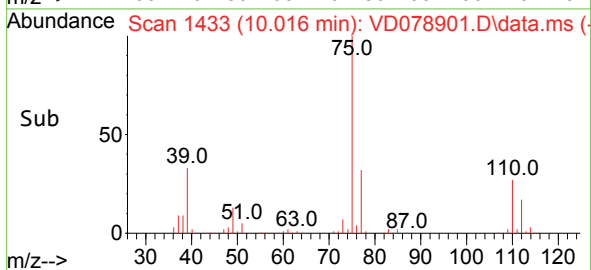
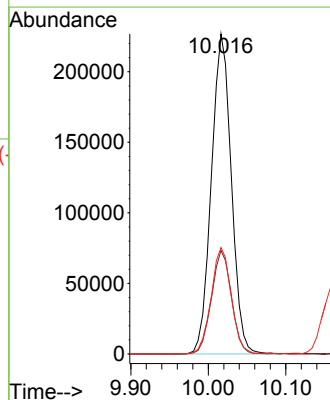
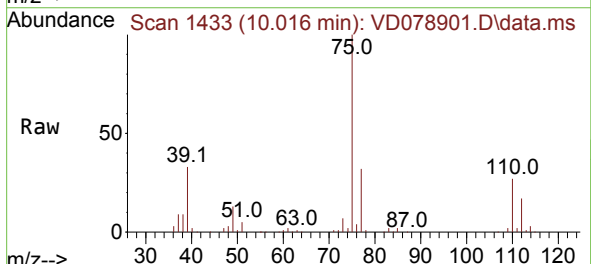
Instrument :
 MSVOA_D
 ClientSampleId :

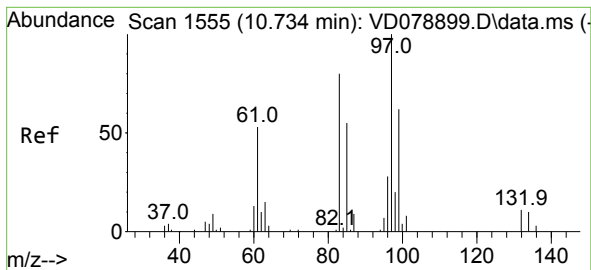
Tgt Ion: 75 Resp: 345196
 Ion Ratio Lower Upper
 75 100
 77 32.2 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 167.803 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078901.D
 Acq: 10 May 2024 18:08

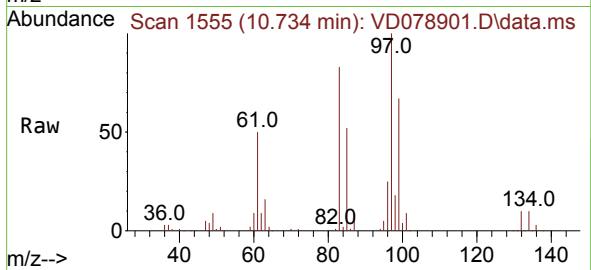
Tgt Ion: 75 Resp: 405478
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 33.2 26.7 40.1





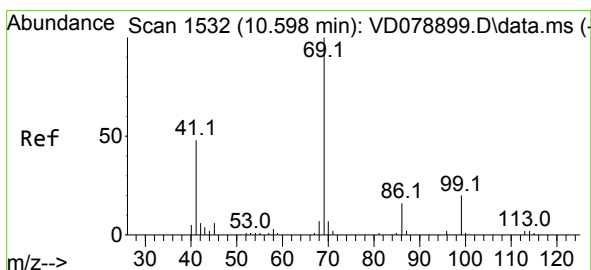
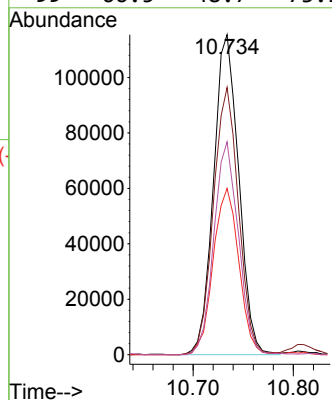
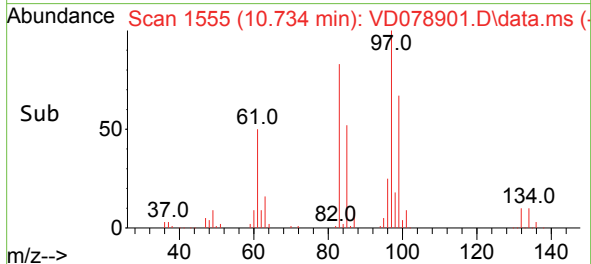
#55
 1,1,2-Trichloroethane
 Concen: 157.389 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078901.D
 Acq: 10 May 2024 18:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 97 Resp: 201695

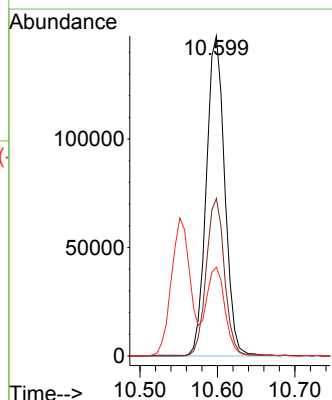
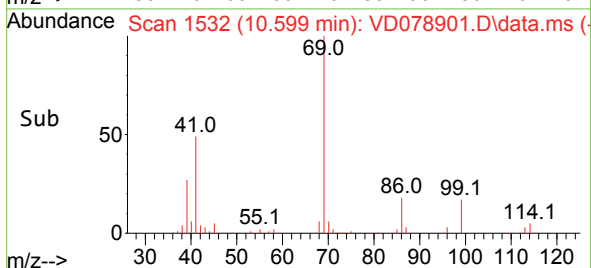
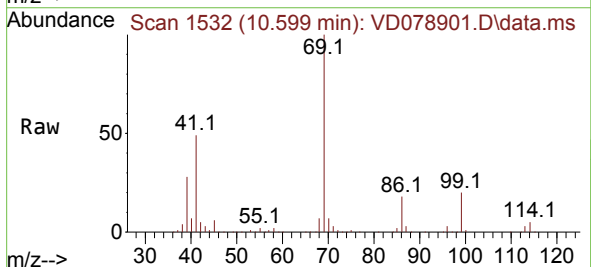
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.1	102.1
85	51.9	48.2	72.2
99	66.5	48.7	73.1

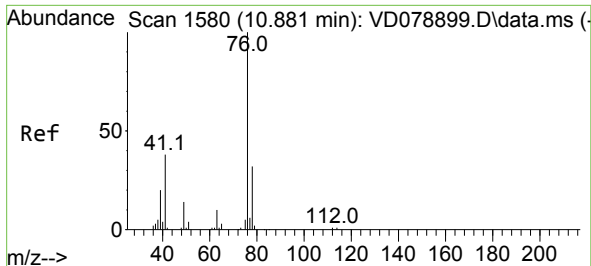


#56
 Ethyl methacrylate
 Concen: 183.727 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078901.D
 Acq: 10 May 2024 18:08

Tgt Ion: 69 Resp: 243512

Ion	Ratio	Lower	Upper
69	100		
41	48.3	40.9	61.3
39	28.2	25.5	38.3





#57

1,3-Dichloropropane

Concen: 162.264 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

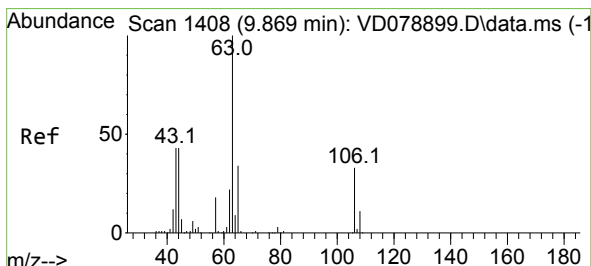
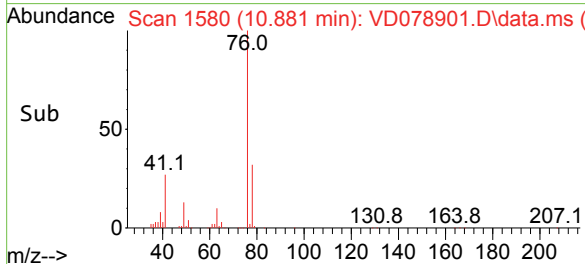
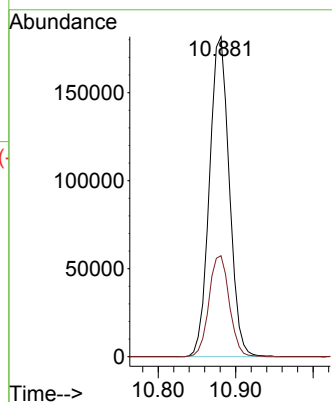
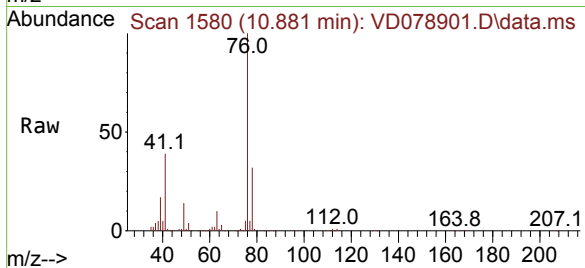
ClientSampleId :

Tgt Ion: 76 Resp: 323019

Ion Ratio Lower Upper

76 100

78 32.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 903.285 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078901.D

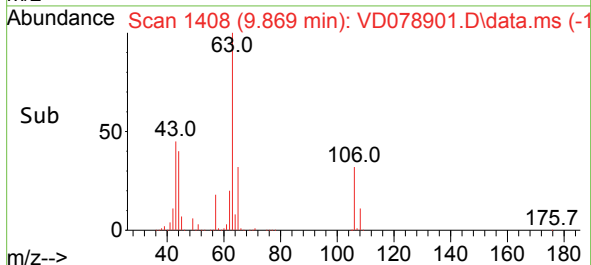
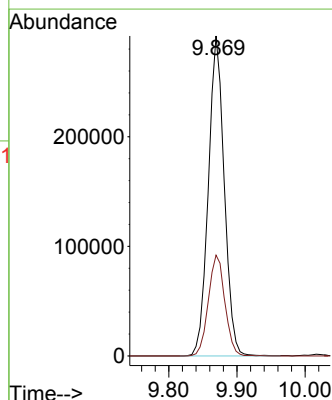
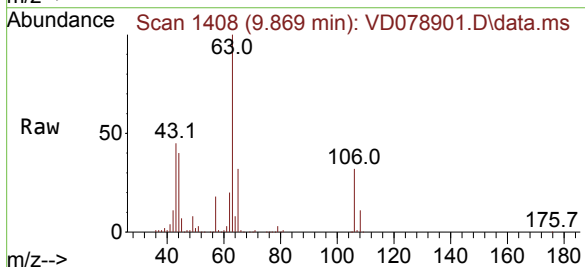
Acq: 10 May 2024 18:08

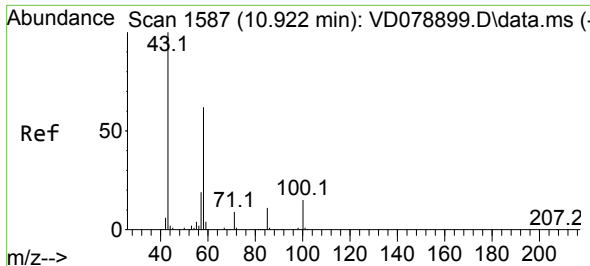
Tgt Ion: 63 Resp: 474621

Ion Ratio Lower Upper

63 100

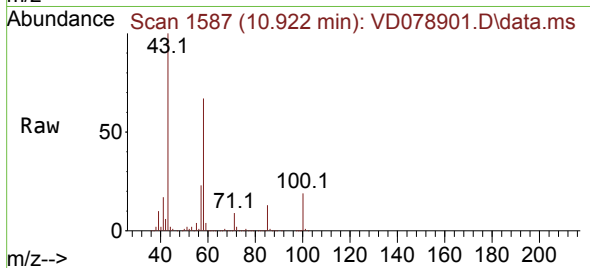
106 32.7 25.2 37.8



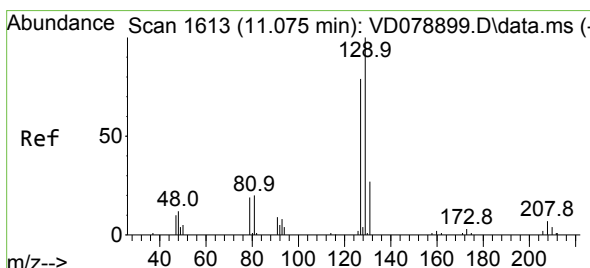
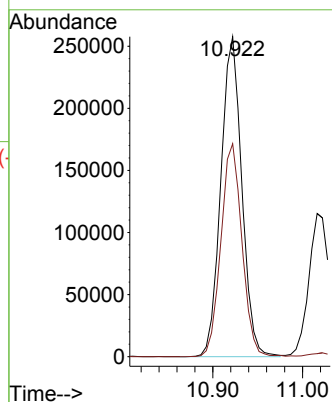
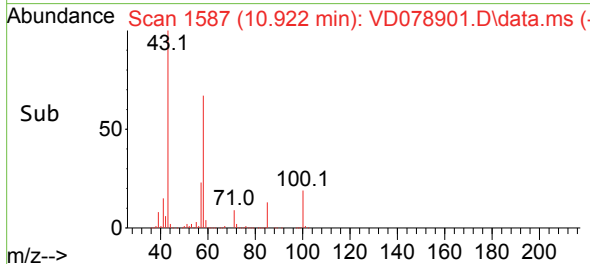


#59
2-Hexanone
Concen: 846.098 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

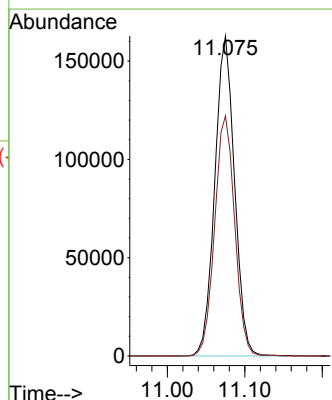
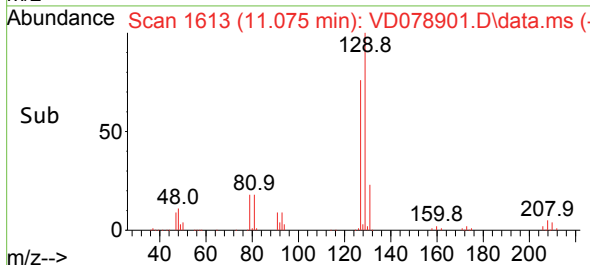
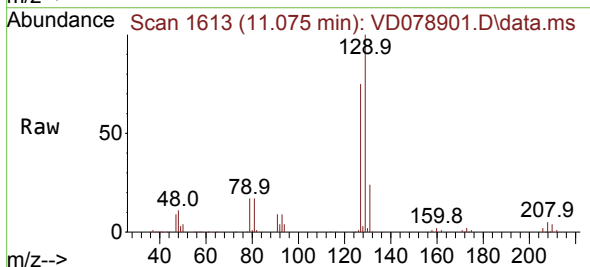


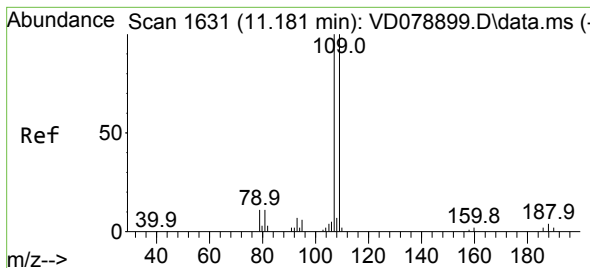
Tgt Ion: 43 Resp: 417531
Ion Ratio Lower Upper
43 100
58 66.8 31.5 94.5



#60
Dibromochloromethane
Concen: 166.440 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 129 Resp: 287649
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3

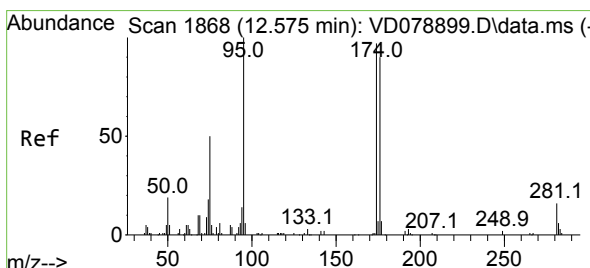
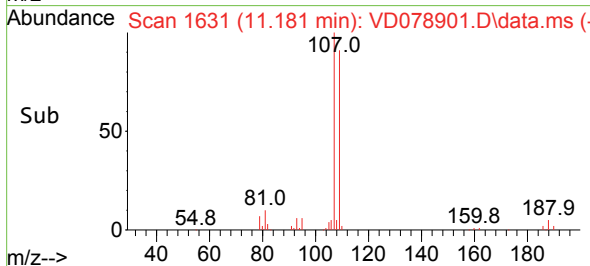
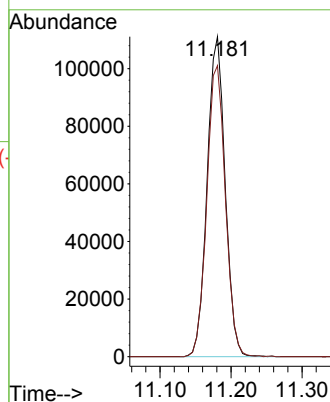
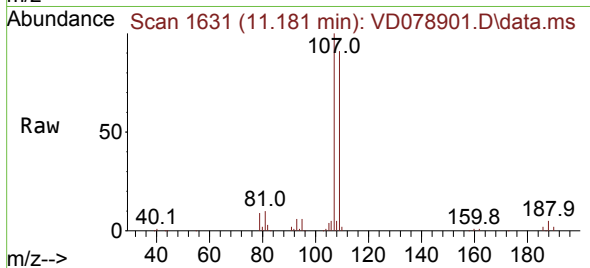




#61
1,2-Dibromoethane
Concen: 163.306 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

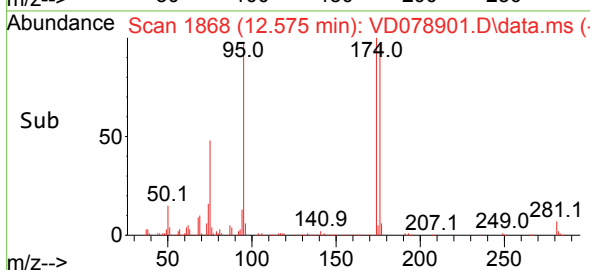
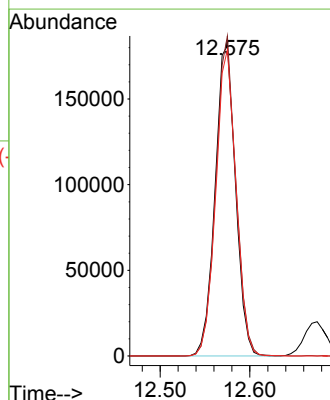
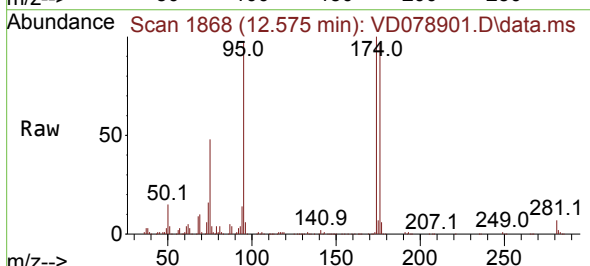
Instrument :
MSVOA_D
ClientSampleId :

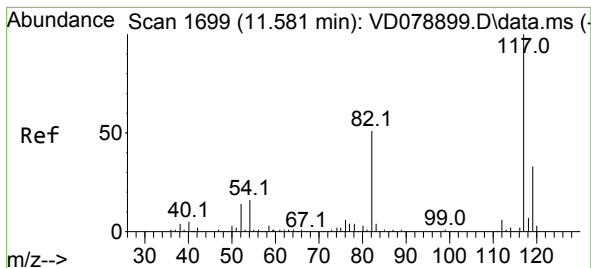
Tgt Ion:107 Resp: 195757
Ion Ratio Lower Upper
107 100
109 94.1 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 170.687 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 95 Resp: 287394
Ion Ratio Lower Upper
95 100
174 100.7 0.0 195.2
176 97.6 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

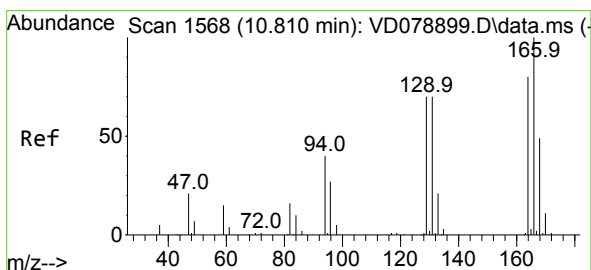
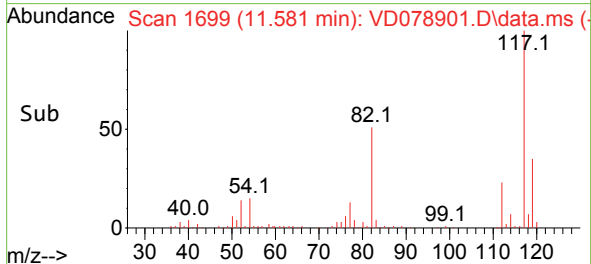
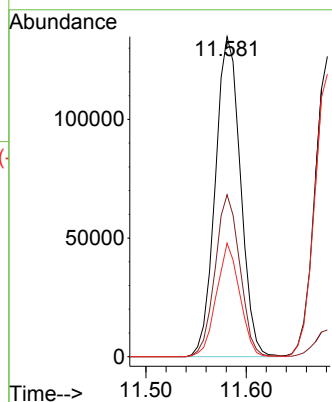
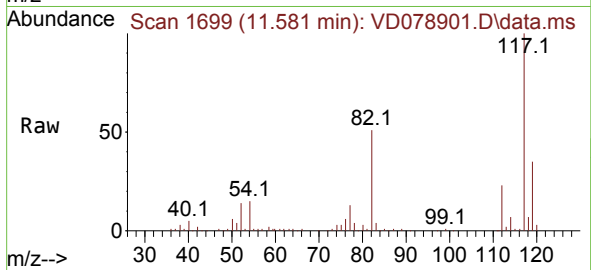
Tgt Ion:117 Resp: 235490

Ion Ratio Lower Upper

117 100

82 50.6 41.4 62.2

119 35.5 26.5 39.7



#64

Tetrachloroethene

Concen: 162.834 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Tgt Ion:164 Resp: 265739

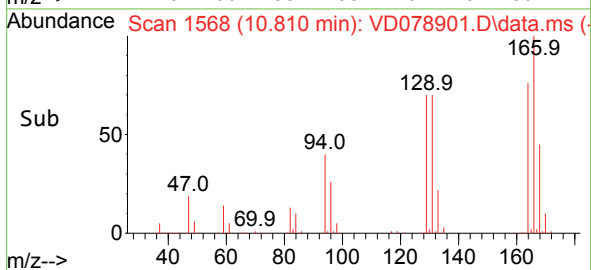
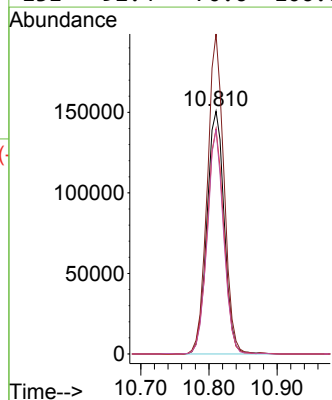
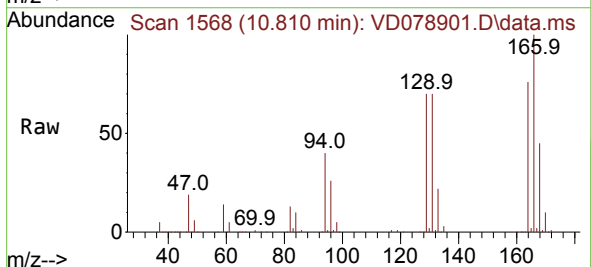
Ion Ratio Lower Upper

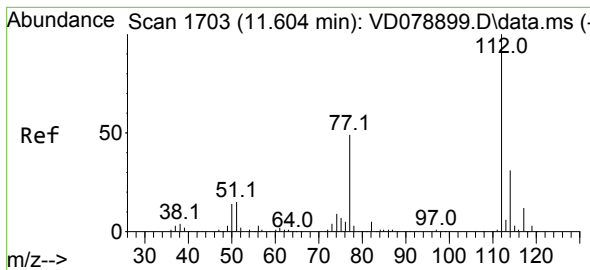
164 100

166 131.9 98.9 148.3

129 92.7 70.3 105.5

131 92.4 70.6 106.0

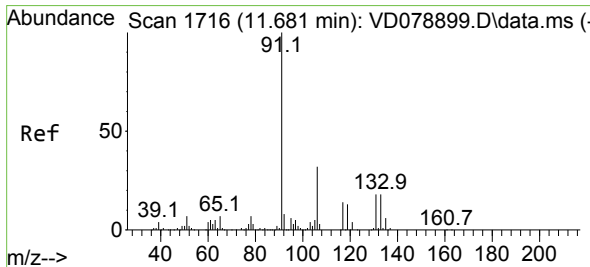
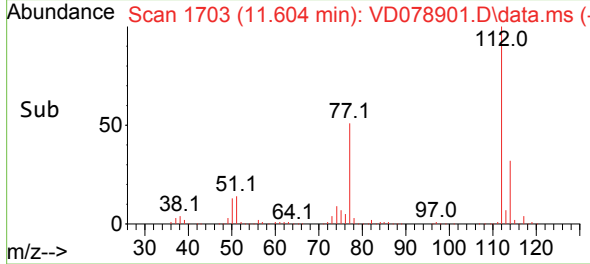
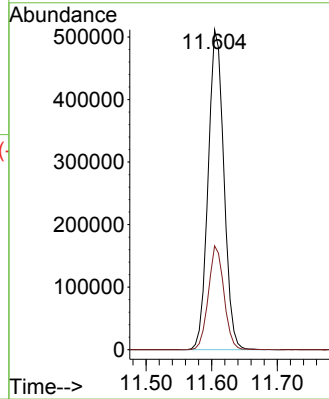
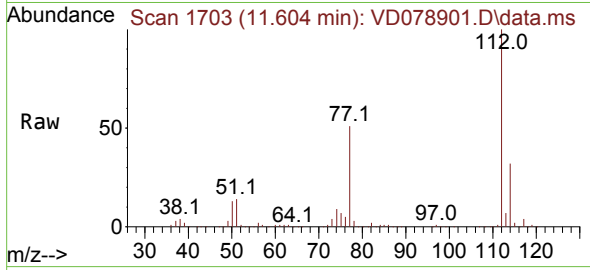




#65
Chlorobenzene
Concen: 161.932 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

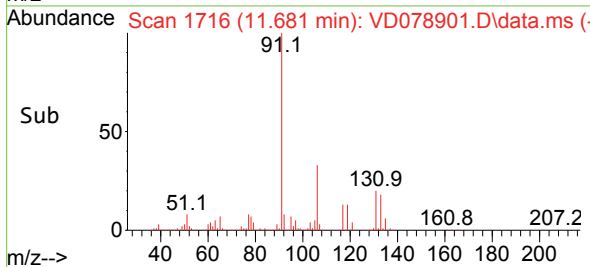
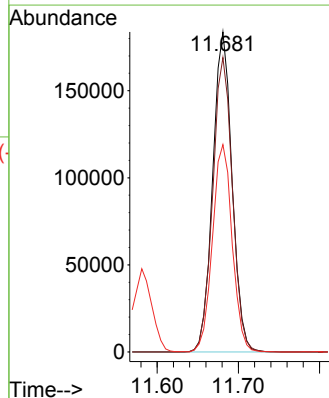
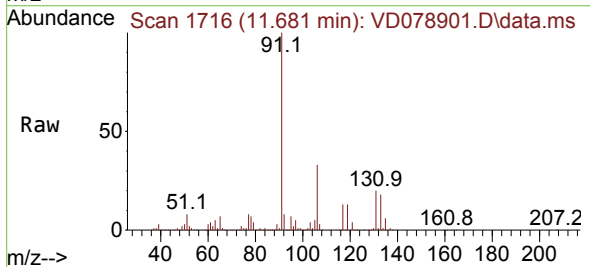
Instrument :
MSVOA_D
ClientSampleId :

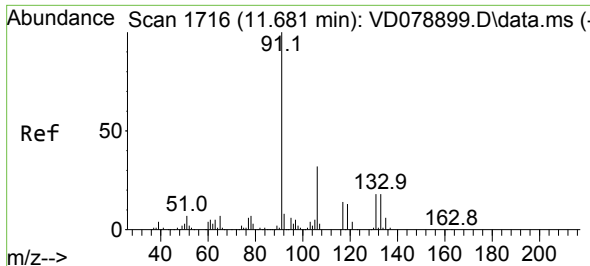
Tgt Ion:112 Resp: 853567
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 166.771 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion:131 Resp: 303621
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 66.2 34.1 102.3

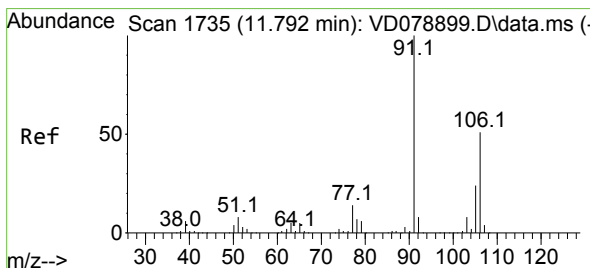
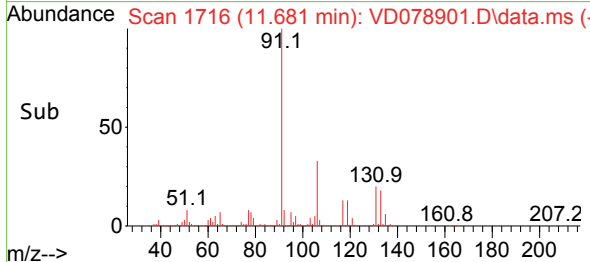
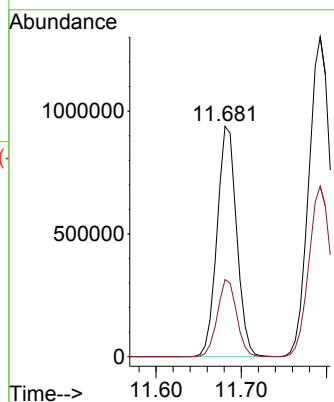
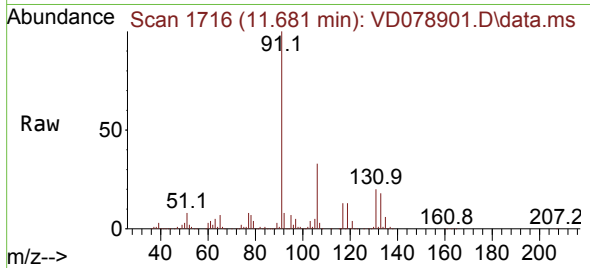




#67
Ethyl Benzene
Concen: 178.037 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

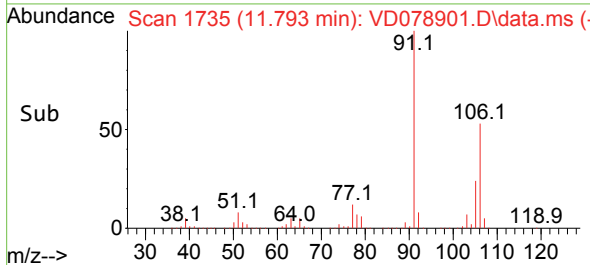
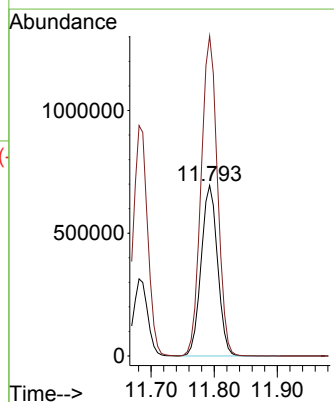
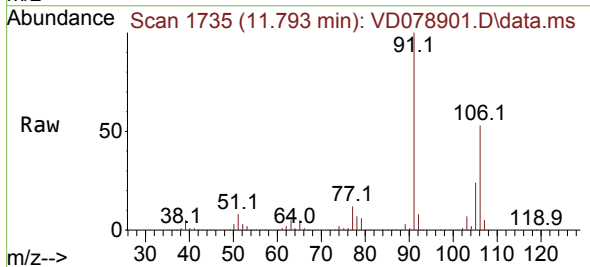
Instrument :
MSVOA_D
ClientSampleId :

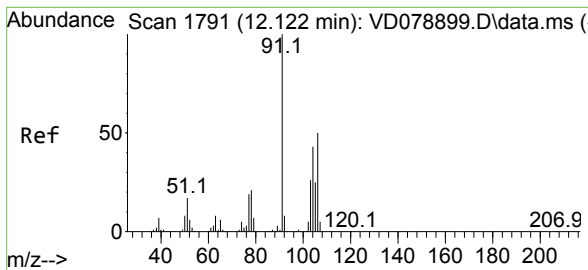
Tgt Ion: 91 Resp: 1497985
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7



#68
m/p-Xylenes
Concen: 361.549 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion:106 Resp: 1251111
Ion Ratio Lower Upper
106 100
91 186.8 154.4 231.6

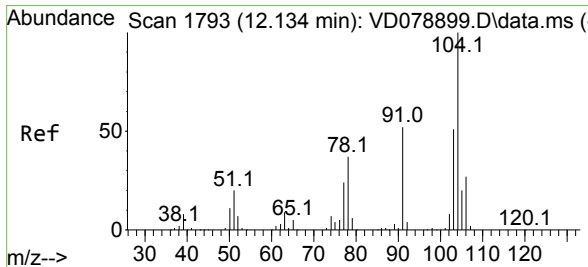
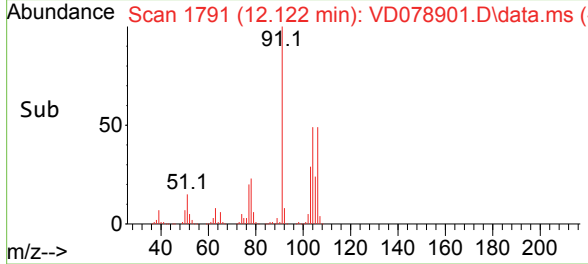
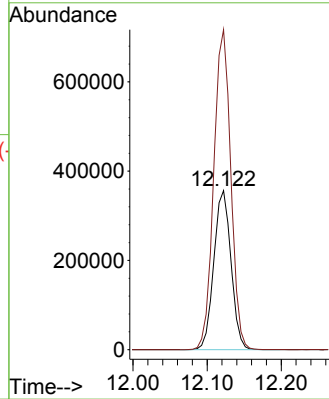
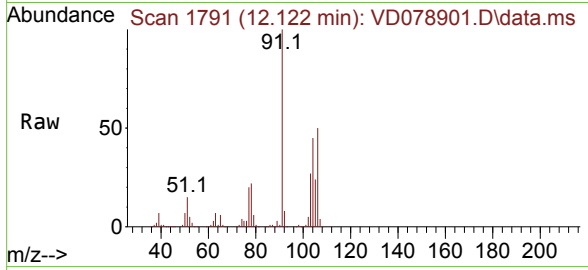




#69
o-Xylene
Concen: 183.055 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

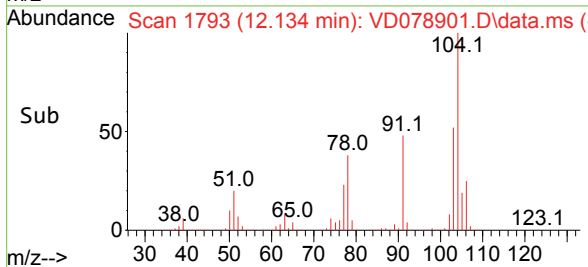
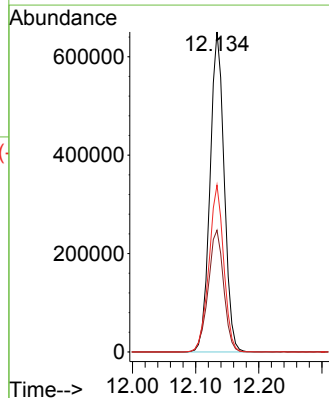
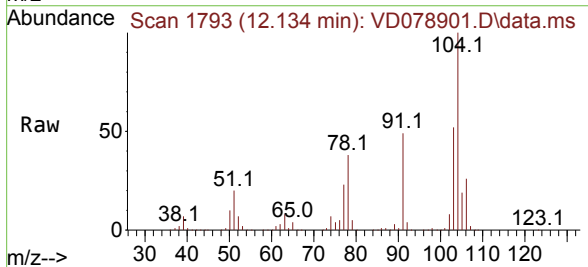
Instrument :
MSVOA_D
ClientSampleId :

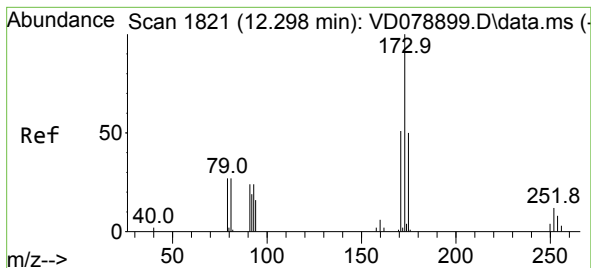
Tgt Ion:106 Resp: 572602
Ion Ratio Lower Upper
106 100
91 200.1 99.6 298.7



#70
Styrene
Concen: 182.961 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion:104 Resp: 1014755
Ion Ratio Lower Upper
104 100
78 41.6 34.6 52.0
103 54.6 44.2 66.2





#71

Bromoform

Concen: 165.858 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

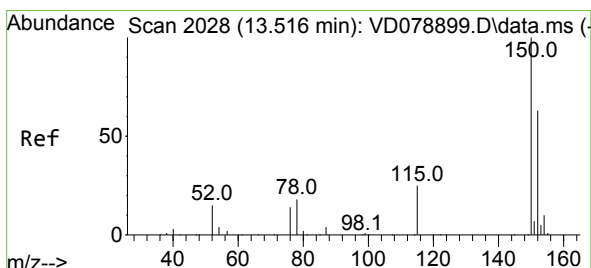
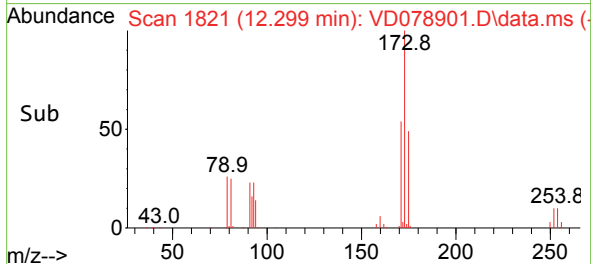
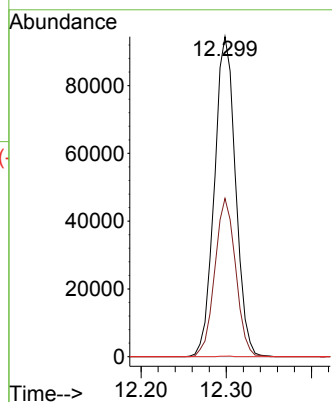
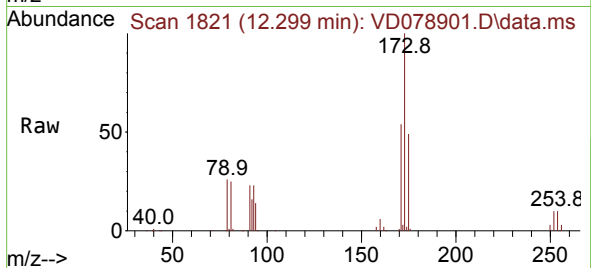
Tgt Ion:173 Resp: 162693

Ion Ratio Lower Upper

173 100

175 48.8 25.8 77.4

254 0.1 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: VD078901.D

Acq: 10 May 2024 18:08

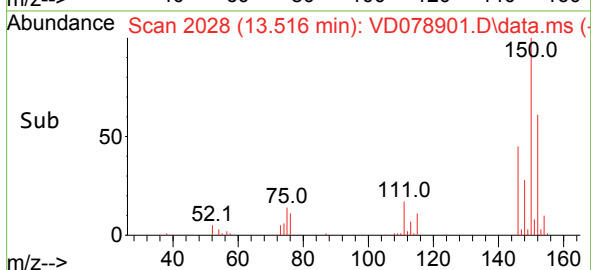
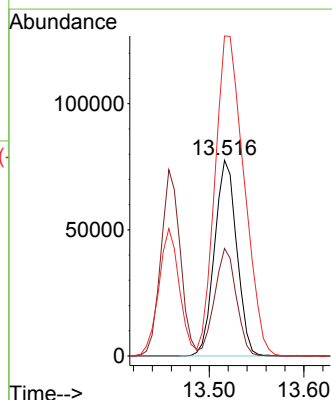
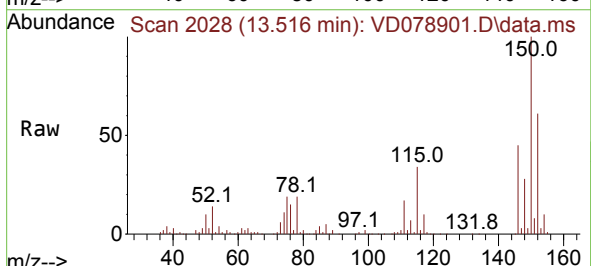
Tgt Ion:152 Resp: 126493

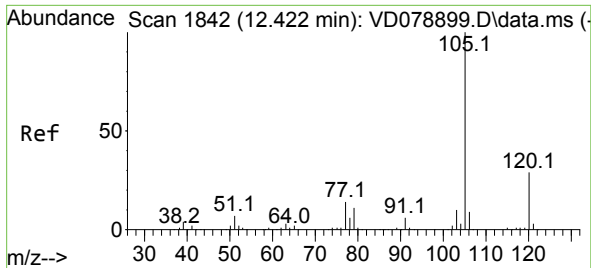
Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.2

150 213.5 0.0 350.2

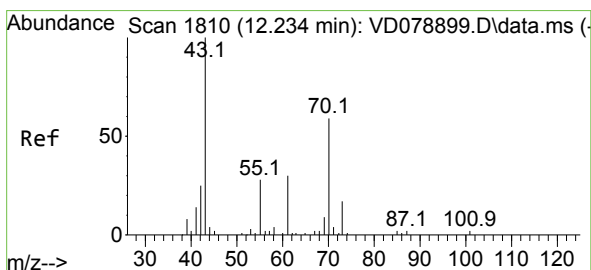
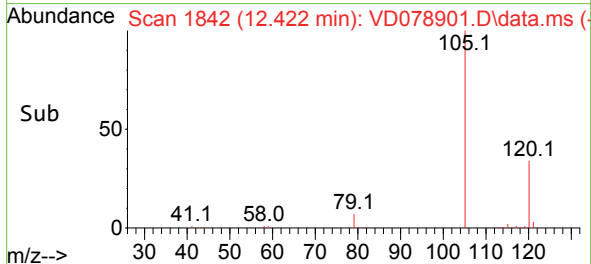
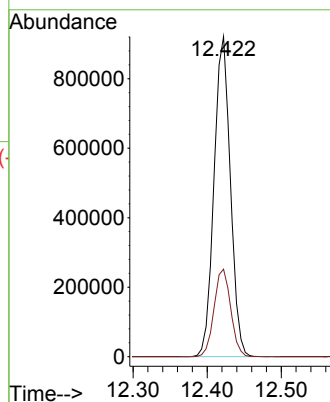
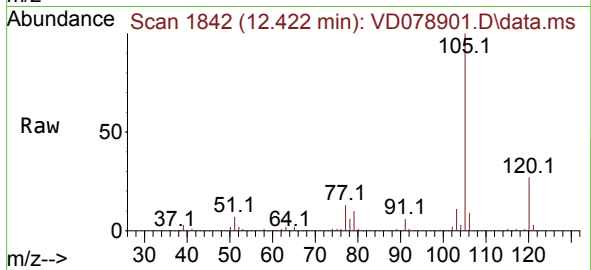




#73
Isopropylbenzene
Concen: 173.299 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

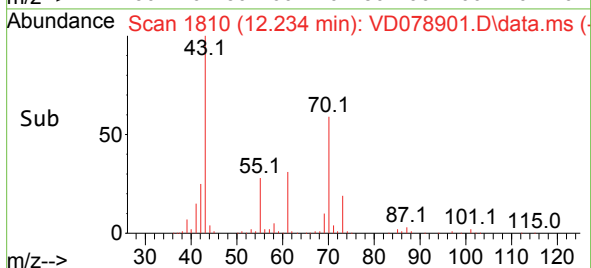
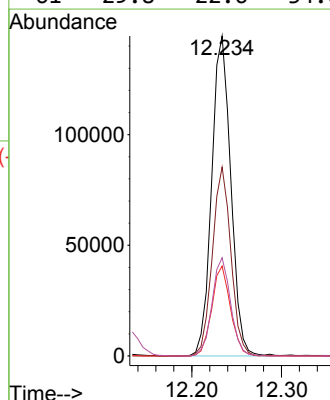
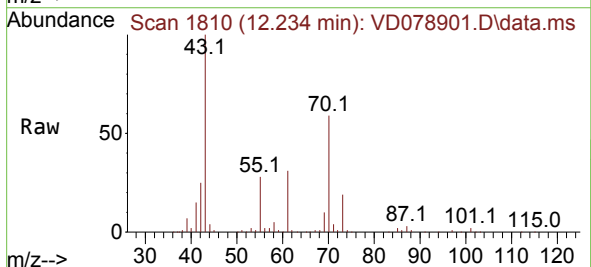
Instrument :
MSVOA_D
ClientSampleId :

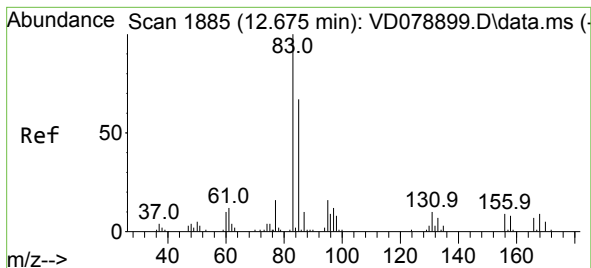
Tgt Ion:105 Resp: 1410932
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.0



#74
N-ethyl acetate
Concen: 167.669 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 43 Resp: 214204
Ion Ratio Lower Upper
43 100
70 57.4 42.1 63.1
55 27.5 22.6 33.8
61 29.8 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 151.989 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

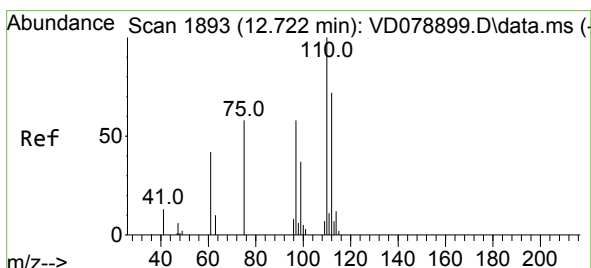
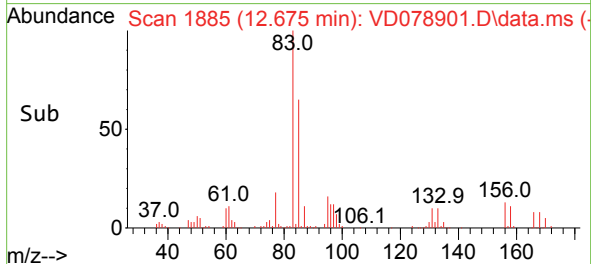
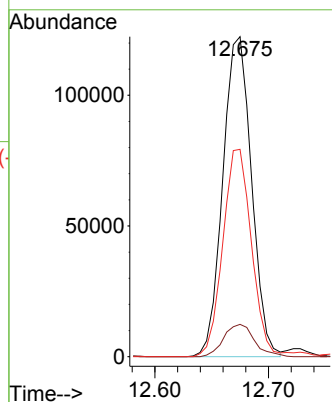
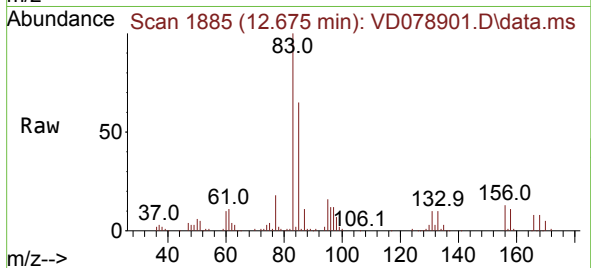
Tgt Ion: 83 Resp: 215042

Ion Ratio Lower Upper

83 100

131 10.8 4.9 14.7

85 65.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 274.994 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078901.D

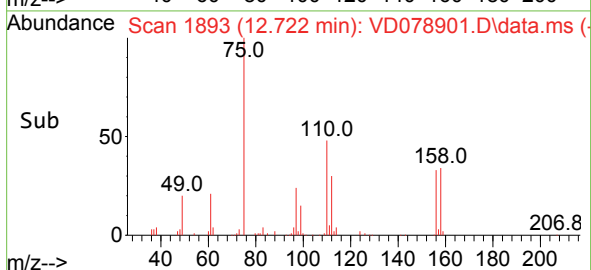
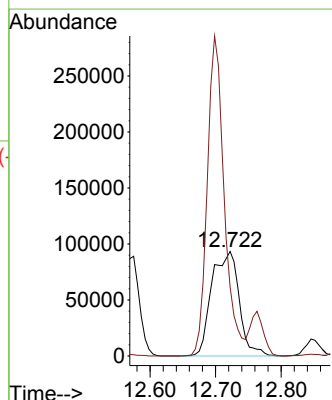
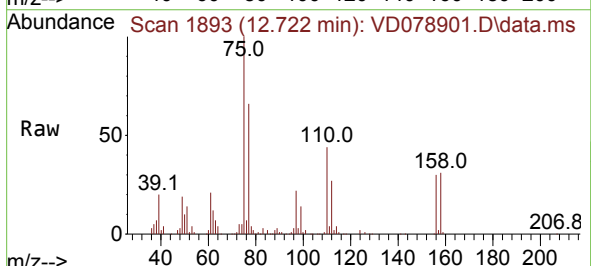
Acq: 10 May 2024 18:08

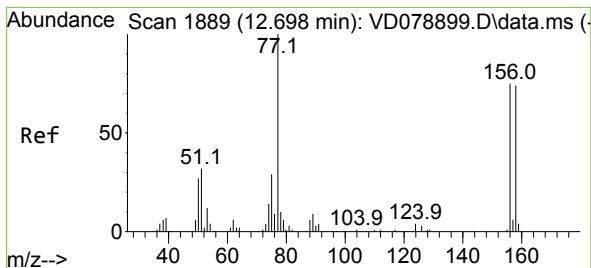
Tgt Ion: 75 Resp: 270732

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 168.998 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

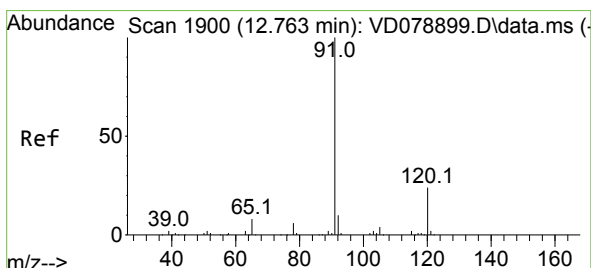
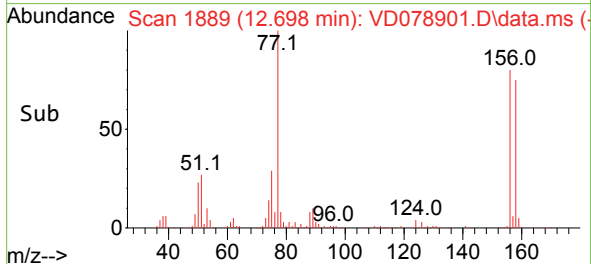
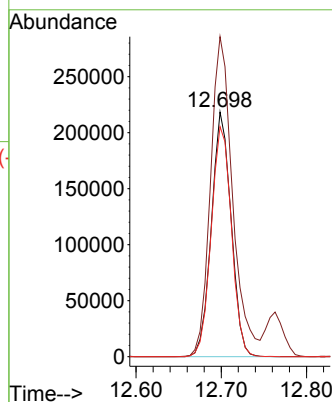
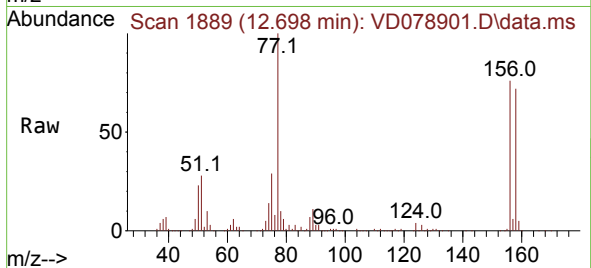
Tgt Ion:156 Resp: 350917

Ion Ratio Lower Upper

156 100

77 147.3 79.1 237.3

158 96.5 47.0 141.0



#78

n-propylbenzene

Concen: 168.356 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078901.D

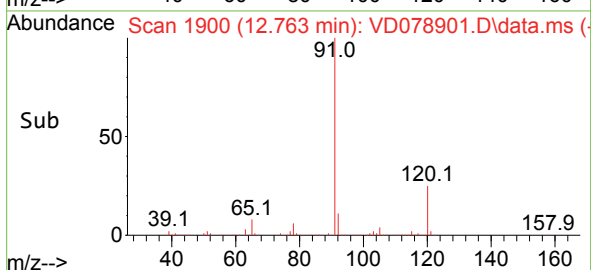
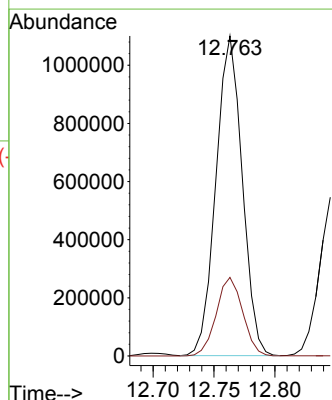
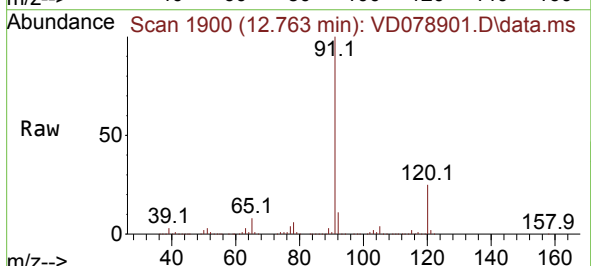
Acq: 10 May 2024 18:08

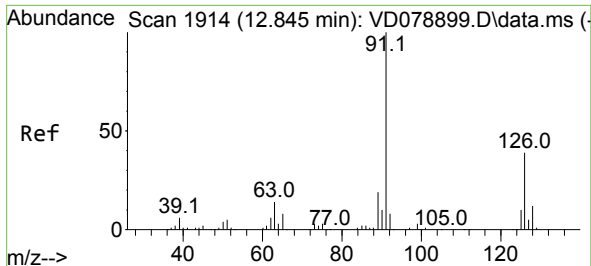
Tgt Ion: 91 Resp: 1650500

Ion Ratio Lower Upper

91 100

120 24.8 11.7 35.1

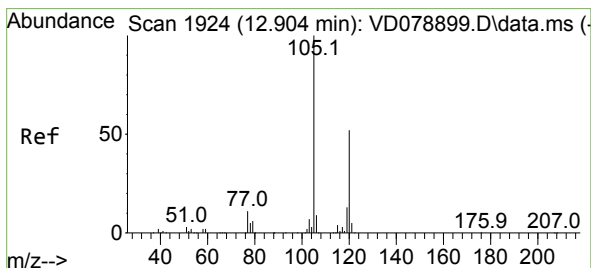
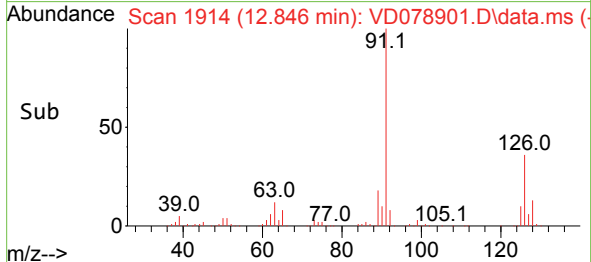
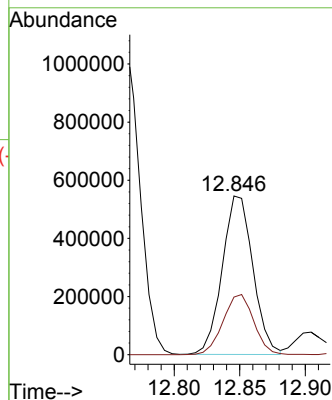
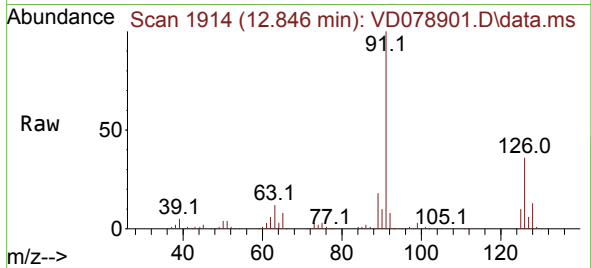




#79
2-Chlorotoluene
Concen: 165.573 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

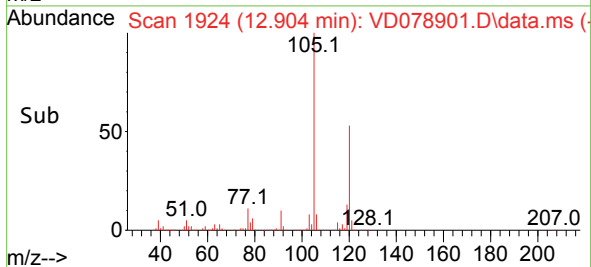
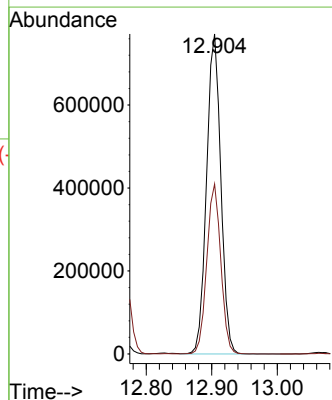
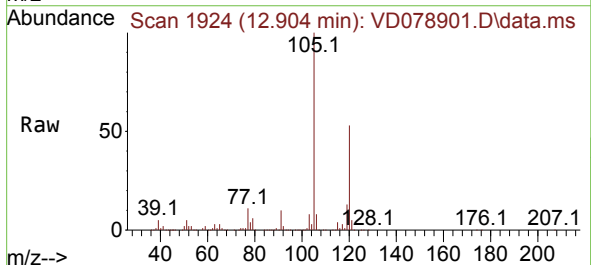
Instrument :
MSVOA_D
ClientSampleId :

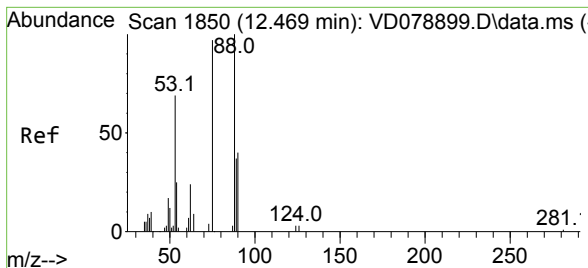
Tgt Ion: 91 Resp: 887932
Ion Ratio Lower Upper
91 100
126 38.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 172.135 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 105 Resp: 1166801
Ion Ratio Lower Upper
105 100
120 52.1 25.9 77.7

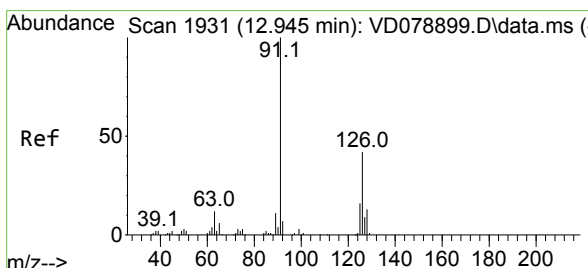
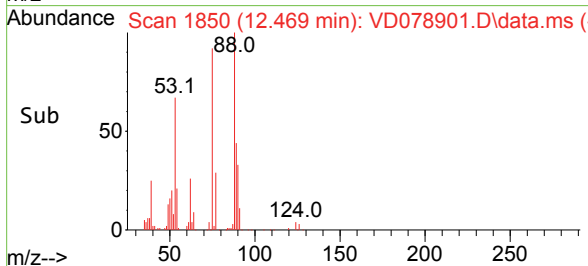
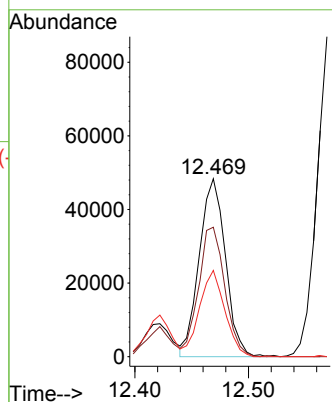
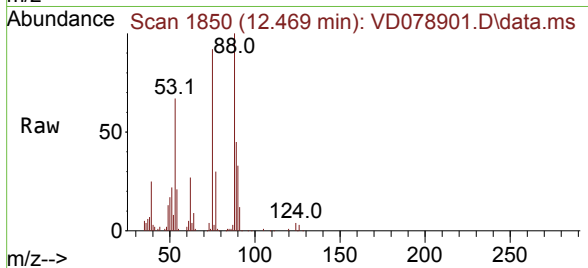




#81
trans-1,4-Dichloro-2-butene
Concen: 161.440 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

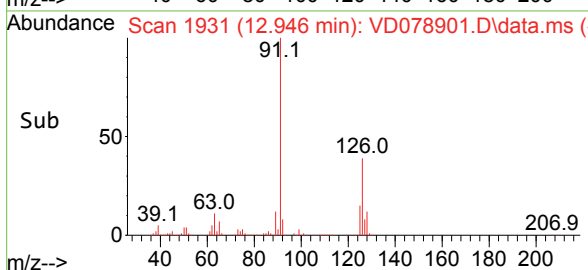
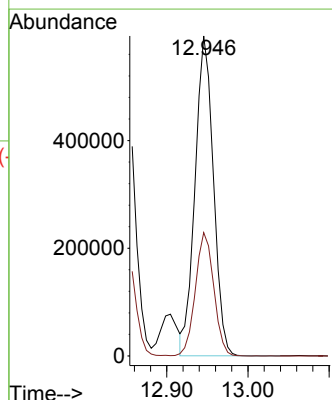
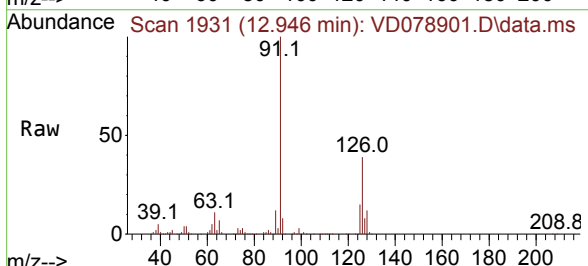
Instrument :
MSVOA_D
ClientSampleId :

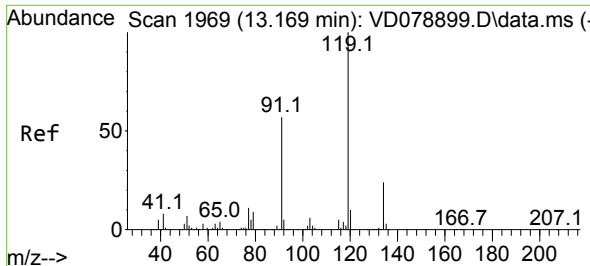
Tgt Ion: 75 Resp: 77546
Ion Ratio Lower Upper
75 100
53 72.9 61.0 91.6
89 47.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 159.840 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

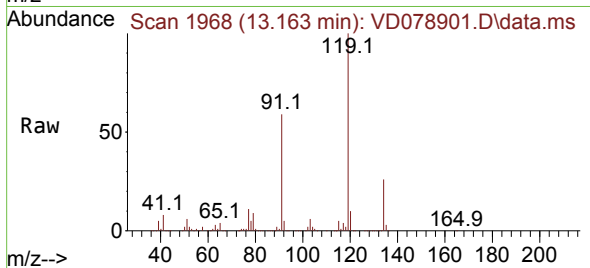
Tgt Ion: 91 Resp: 934338
Ion Ratio Lower Upper
91 100
126 38.7 18.9 56.5



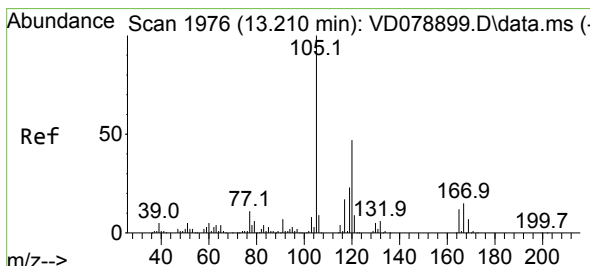
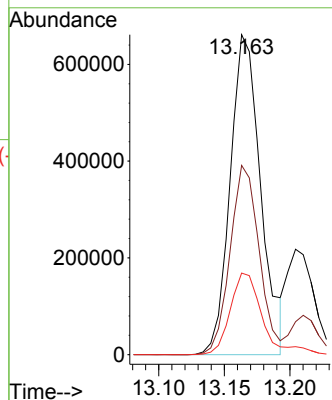
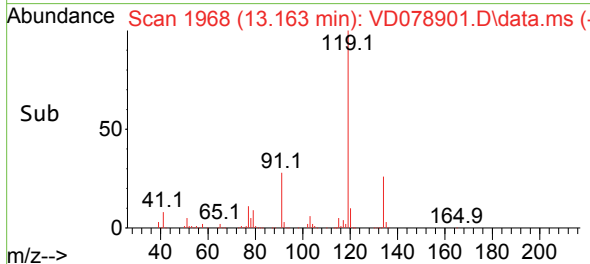


#83
tert-Butylbenzene
Concen: 177.751 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

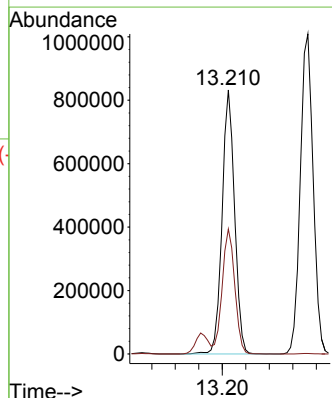
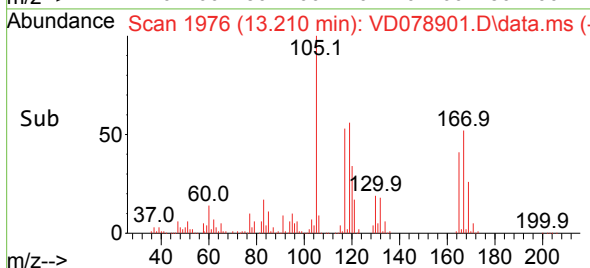
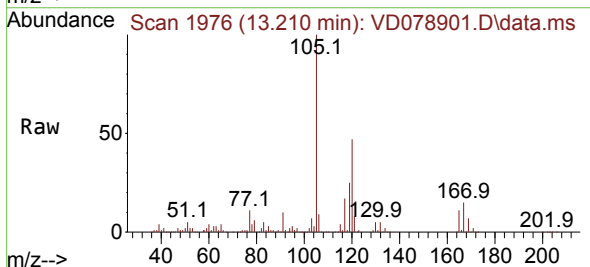


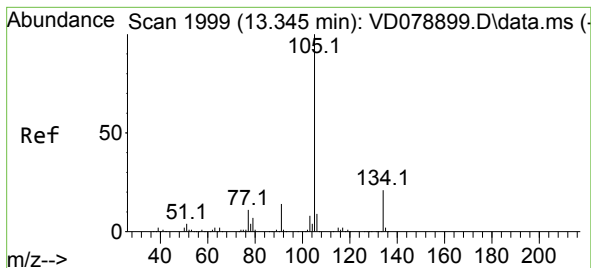
Tgt Ion:119 Resp: 1071916
Ion Ratio Lower Upper
119 100
91 56.4 28.9 86.7
134 26.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 179.524 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion:105 Resp: 1227424
Ion Ratio Lower Upper
105 100
120 47.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 171.415 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

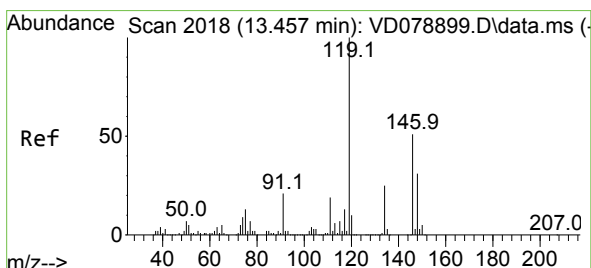
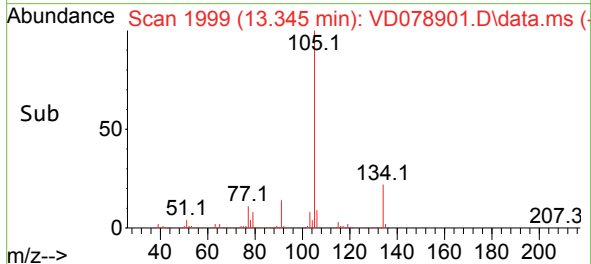
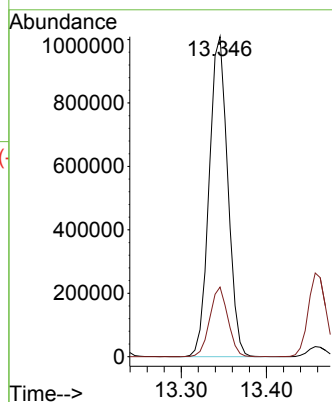
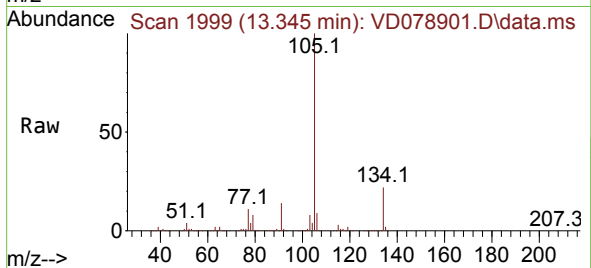
ClientSampleId :

Tgt Ion:105 Resp: 1527782

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.2



#86

p-Isopropyltoluene

Concen: 185.111 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

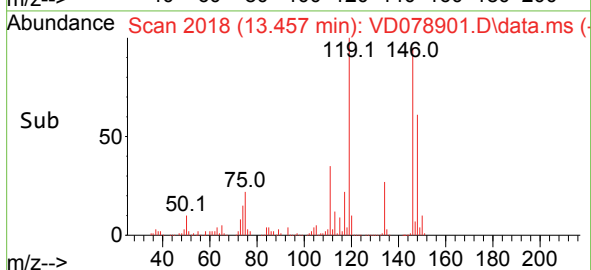
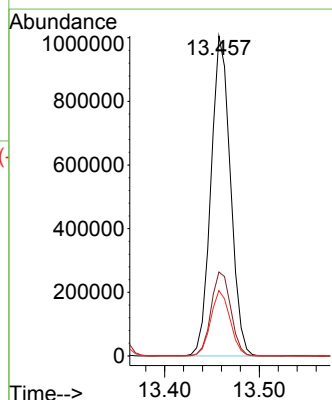
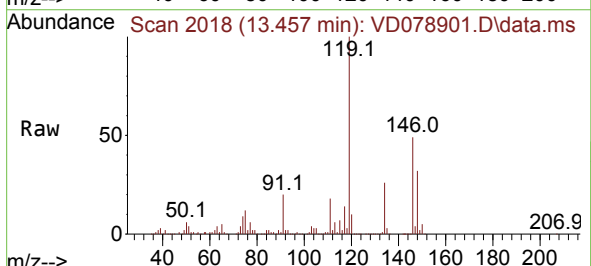
Tgt Ion:119 Resp: 1432015

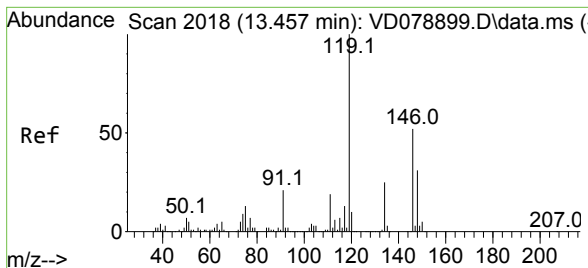
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 20.3 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 170.755 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

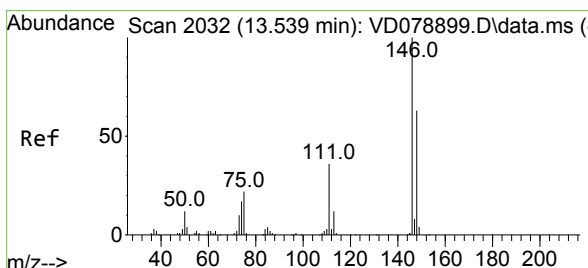
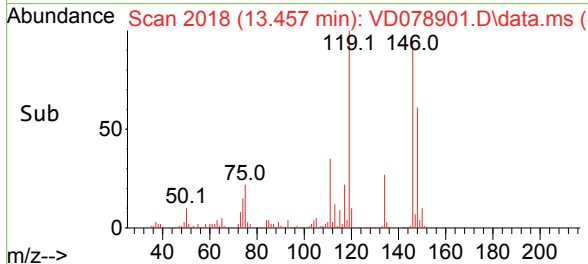
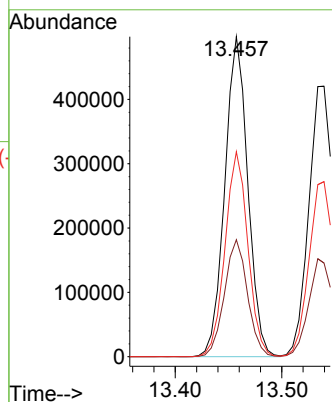
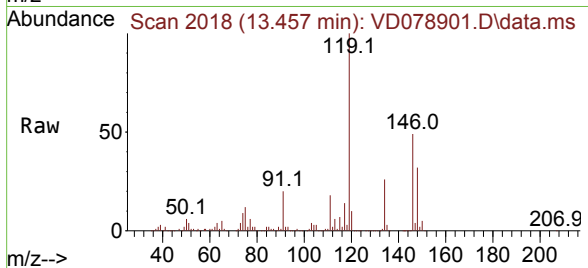
Tgt Ion:146 Resp: 746196

Ion Ratio Lower Upper

146 100

111 36.7 18.2 54.6

148 63.6 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 157.649 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

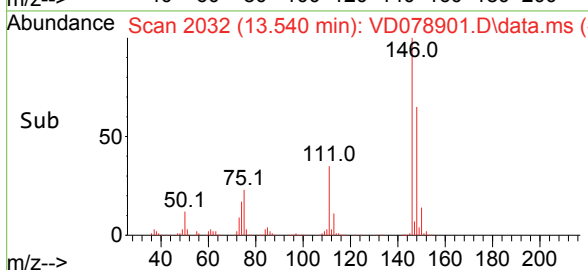
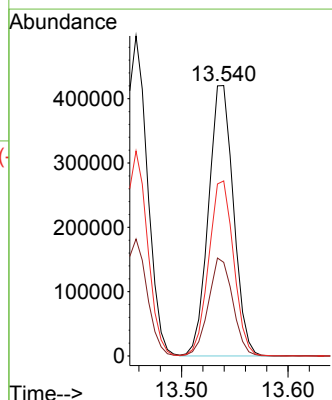
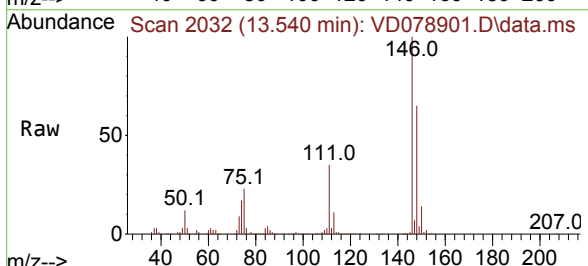
Tgt Ion:146 Resp: 685273

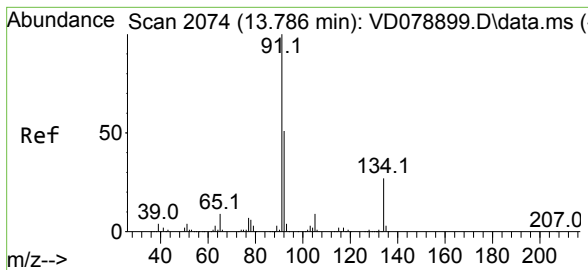
Ion Ratio Lower Upper

146 100

111 35.3 17.8 53.3

148 64.6 32.4 97.0

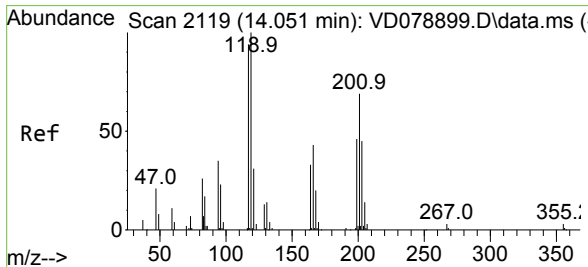
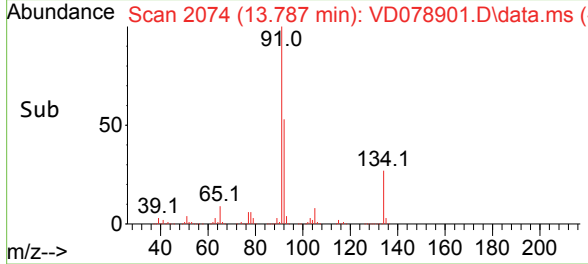
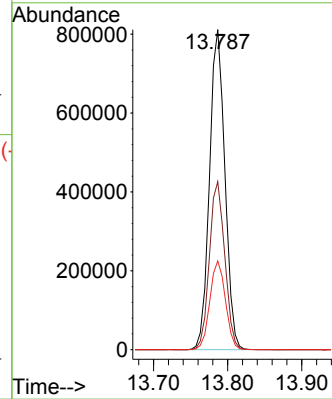
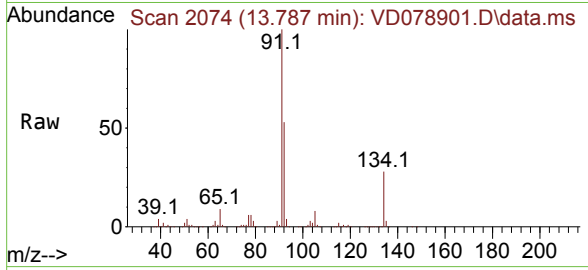




#89
n-Butylbenzene
Concen: 171.536 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

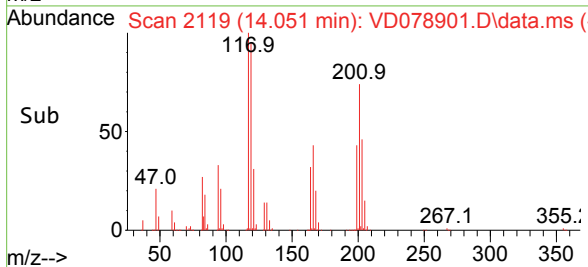
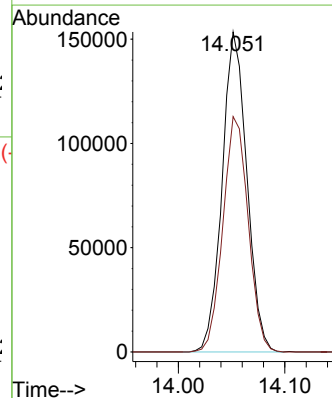
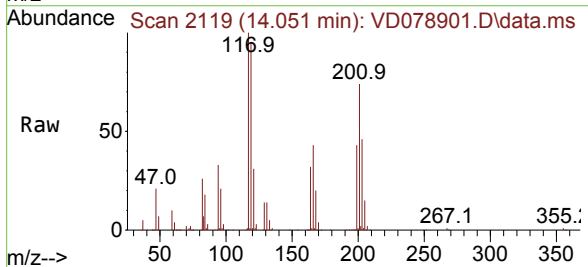
Instrument :
MSVOA_D
ClientSampleId :

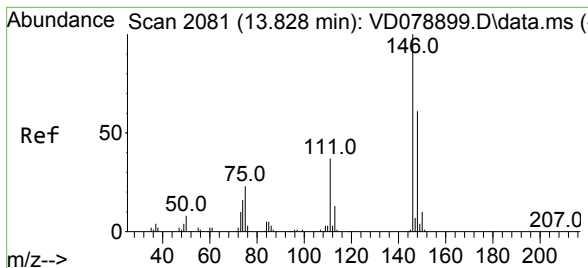
Tgt Ion: 91 Resp: 1171982
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 28.1 13.0 38.9



#90
Hexachloroethane
Concen: 157.769 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion: 117 Resp: 247495
Ion Ratio Lower Upper
117 100
201 75.2 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 162.279 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

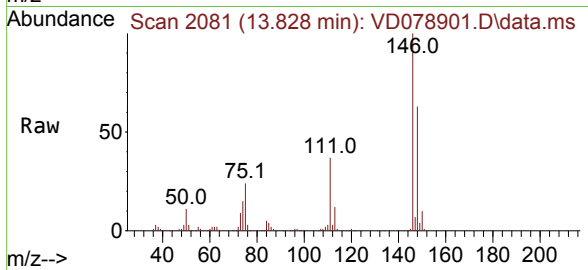
Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :



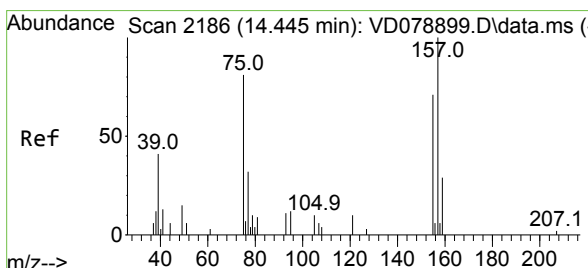
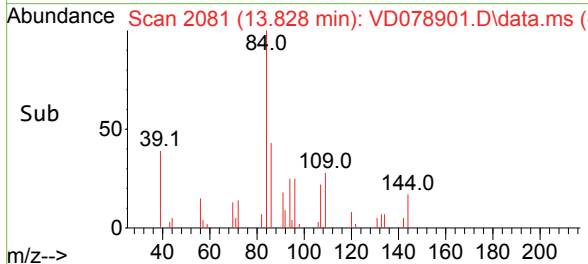
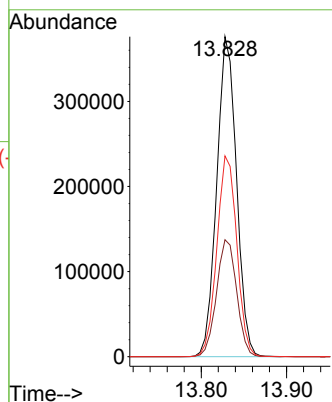
Tgt Ion:146 Resp: 605812

Ion Ratio Lower Upper

146 100

111 37.4 18.6 56.0

148 63.5 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 152.535 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

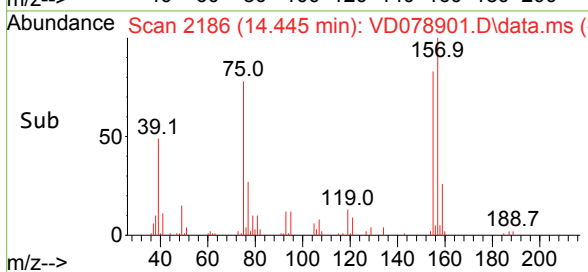
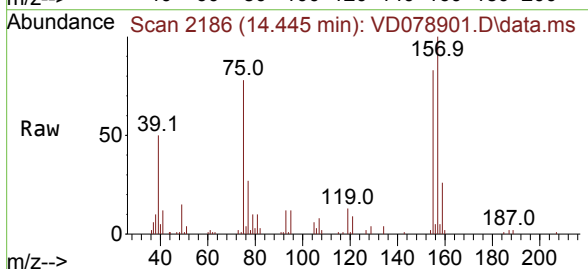
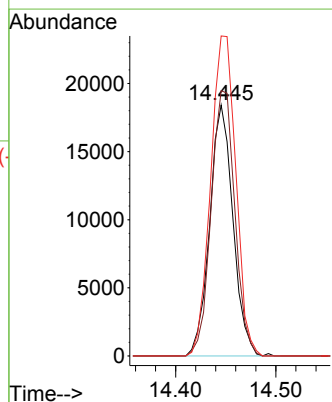
Tgt Ion: 75 Resp: 29732

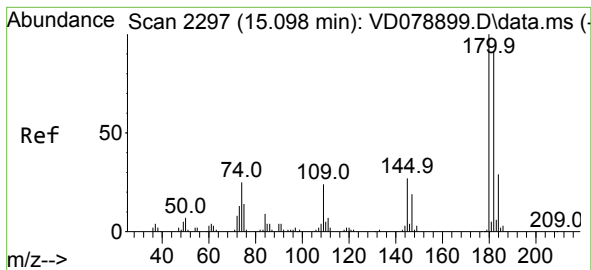
Ion Ratio Lower Upper

75 100

155 107.9 49.8 149.3

157 137.6 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 173.973 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

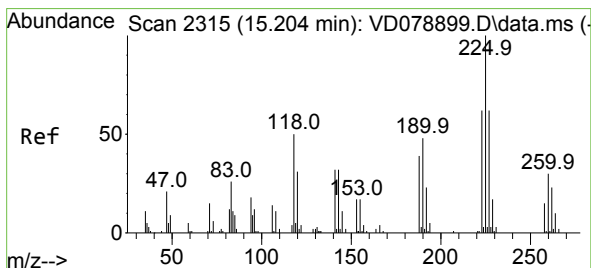
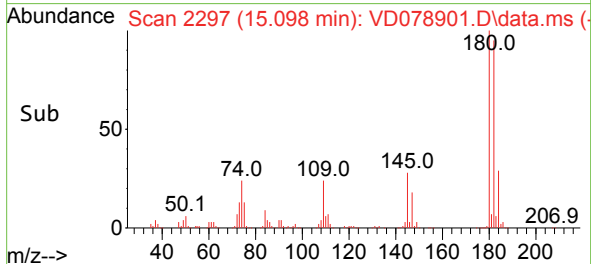
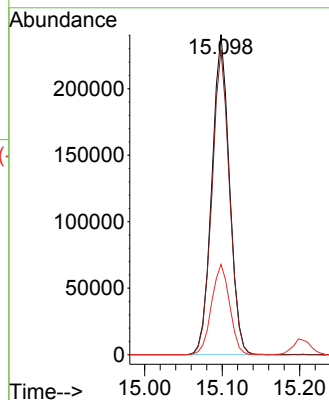
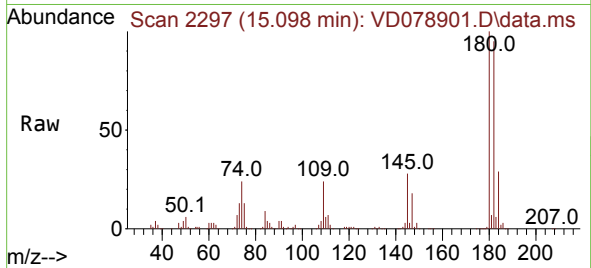
Tgt Ion:180 Resp: 378515

Ion Ratio Lower Upper

180 100

182 95.1 49.7 149.1

145 29.0 14.6 44.0



#94

Hexachlorobutadiene

Concen: 161.311 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078901.D

Acq: 10 May 2024 18:08

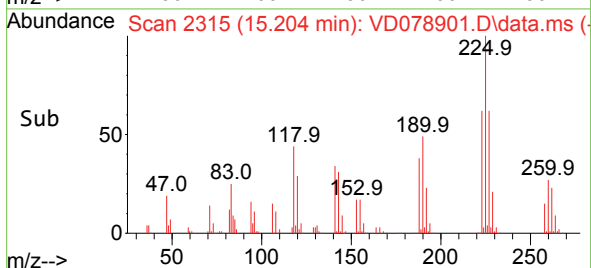
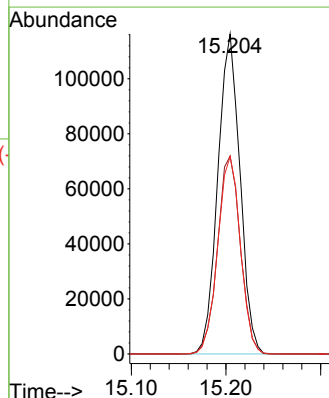
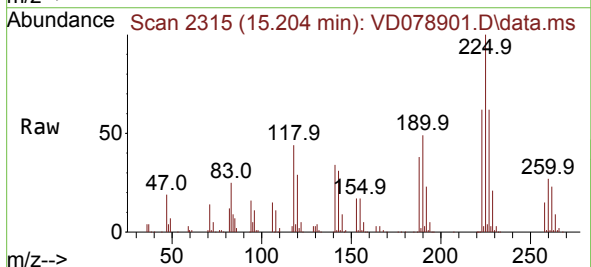
Tgt Ion:225 Resp: 189268

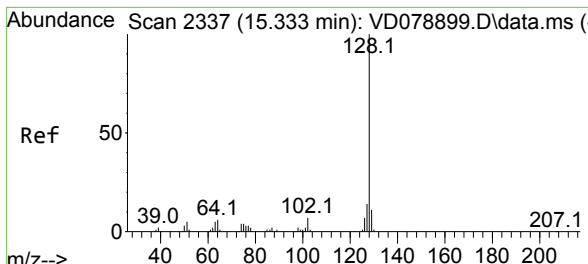
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.7

227 62.9 32.0 96.0

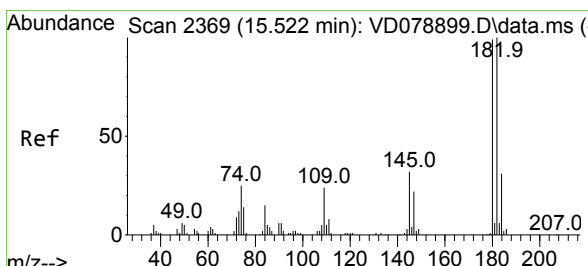
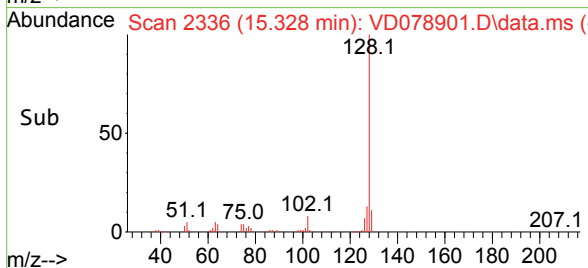
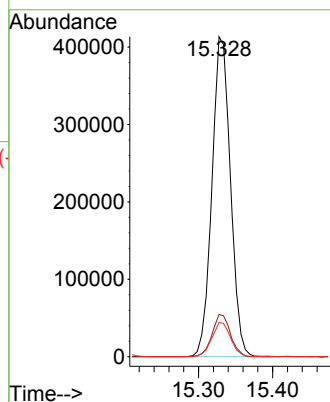
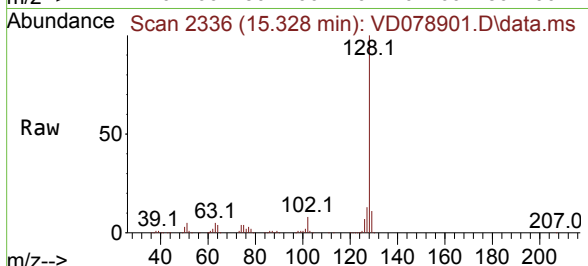




#95
Naphthalene
Concen: 187.494 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	716152
Ion Ratio	Lower	Upper
128	100	
127	13.2	9.3 13.9
129	10.7	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 174.594 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078901.D
Acq: 10 May 2024 18:08

Tgt Ion:180	Resp:	331349
Ion Ratio	Lower	Upper
180	100	
182	94.0	46.7 140.1
145	30.7	14.4 43.4

