

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074377.D
 Acq On : 20 Sep 2022 20:38
 Operator : VA/SY
 Sample : N4668-12
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 21 02:26:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	82252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	140126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	132156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	42032	52.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.920%	
35) Dibromofluoromethane	7.805	113	45859	49.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.380%	
50) Toluene-d8	10.269	98	180624	56.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.440%	
62) 4-Bromofluorobenzene	12.569	95	54674	50.747	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	32837	43.338	ug/l	94
3) Chloromethane	2.140	50	51022	70.808	ug/l	98
4) Vinyl Chloride	2.275	62	31235	44.169	ug/l	97
5) Bromomethane	2.687	94	9366	21.423	ug/l	91
6) Chloroethane	2.828	64	20191	48.596	ug/l	99
7) Trichlorofluoromethane	3.164	101	64882	47.082	ug/l	98
8) Diethyl Ether	3.587	74	23368	53.197	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	44268	51.089	ug/l	99
10) Methyl Iodide	4.158	142	32997	30.829	ug/l	100
11) Tert butyl alcohol	5.046	59	25856	477.564	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	43958	49.837	ug/l	99
13) Acrolein	3.787	56	7762	132.937	ug/l	99
14) Allyl chloride	4.558	41	65213	51.087	ug/l	98
15) Acrylonitrile	5.252	53	54211	279.984	ug/l	98
16) Acetone	4.017	43	35866	198.712	ug/l	97
17) Carbon Disulfide	4.264	76	120113	41.822	ug/l	99
18) Methyl Acetate	4.552	43	26551	53.875	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	108241	57.306	ug/l	100
20) Methylene Chloride	4.793	84	63814	57.974	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	50177	51.379	ug/l	100
22) Diisopropyl ether	6.211	45	153086	56.939	ug/l	99
23) Vinyl Acetate	6.152	43	373128	271.967	ug/l	100
24) 1,1-Dichloroethane	6.111	63	95554	55.215	ug/l	96
25) 2-Butanone	7.081	43	64875	241.321	ug/l	98
26) 2,2-Dichloropropane	7.075	77	74676	52.273	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	58438	54.009	ug/l	98
28) Bromochloromethane	7.422	49	34865	52.175	ug/l	100
29) Tetrahydrofuran	7.440	42	42257	274.281	ug/l	99
30) Chloroform	7.593	83	94215	55.366	ug/l	90
31) Cyclohexane	7.875	56	78322	46.613	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	80579	53.679	ug/l	99
36) 1,1-Dichloropropene	8.005	75	71213	50.550	ug/l	99
37) Ethyl Acetate	7.163	43	31277	55.418	ug/l #	96
38) Carbon Tetrachloride	7.993	117	58288	46.689	ug/l	98
39) Methylcyclohexane	9.269	83	83044	48.735	ug/l	99
40) Benzene	8.252	78	212732	53.856	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14907	48.662	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	53176	52.712	ug/l	100
43) Isopropyl Acetate	8.358	43	59120	56.778	ug/l	99
44) Trichloroethene	9.028	130	55427	53.371	ug/l	96
45) 1,2-Dichloropropane	9.305	63	55587	55.956	ug/l	99
46) Dibromomethane	9.393	93	28522	55.817	ug/l	92
47) Bromodichloromethane	9.587	83	70423	55.953	ug/l	91
48) Methyl methacrylate	9.381	41	28202	55.969	ug/l	99
49) 1,4-Dioxane	9.381	88	6397	1143.945	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	156953	286.901	ug/l	99
52) Toluene	10.334	92	133915	55.039	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	66787	59.477	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	82110	56.519	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	38168	56.705	ug/l	94
56) Ethyl methacrylate	10.593	69	50475	57.245	ug/l	99
57) 1,3-Dichloropropane	10.875	76	67798	55.731	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	32865	142.877	ug/l	97
59) 2-Hexanone	10.916	43	104323	272.631	ug/l	99
60) Dibromochloromethane	11.069	129	44390	55.072	ug/l	99
61) 1,2-Dibromoethane	11.175	107	33969	52.550	ug/l	95
64) Tetrachloroethene	10.804	164	47059	52.533	ug/l	92
65) Chlorobenzene	11.604	112	144125	52.937	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	50214	53.708	ug/l	98
67) Ethyl Benzene	11.681	91	265459	53.147	ug/l	99
68) m/p-Xylenes	11.787	106	201820	105.483	ug/l	99
69) o-Xylene	12.116	106	97269	55.630	ug/l	100
70) Styrene	12.128	104	162780	54.663	ug/l	98
71) Bromoform	12.293	173	25106	50.041	ug/l #	97
73) Isopropylbenzene	12.416	105	257251	52.948	ug/l	99
74) N-amyl acetate	12.228	43	55049	51.269	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	44103	52.244	ug/l	100
76) 1,2,3-Trichloropropane	12.716	75	53414	91.388	ug/l #	100
77) Bromobenzene	12.698	156	55473	52.250	ug/l	100
78) n-propylbenzene	12.757	91	315685	52.379	ug/l	98
79) 2-Chlorotoluene	12.845	91	166149	52.274	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	206227	51.910	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	12130	52.014	ug/l #	100
82) 4-Chlorotoluene	12.940	91	169390	51.391	ug/l	99
83) tert-Butylbenzene	13.157	119	184685	52.423	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	206197	52.756	ug/l	100
85) sec-Butylbenzene	13.340	105	276873	52.961	ug/l	100
86) p-Isopropyltoluene	13.451	119	228712	52.348	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	112399	51.503	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	109696	51.431	ug/l	99
89) n-Butylbenzene	13.781	91	222519	52.000	ug/l	100
90) Hexachloroethane	14.045	117	34705	42.087	ug/l	94
91) 1,2-Dichlorobenzene	13.822	146	95883	52.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6205	49.448	ug/l	90
93) 1,2,4-Trichlorobenzene	15.092	180	64163	51.691	ug/l	99
94) Hexachlorobutadiene	15.192	225	37016	52.490	ug/l	96
95) Naphthalene	15.322	128	121815	52.944	ug/l	100
96) 1,2,3-Trichlorobenzene	15.510	180	56240	52.718	ug/l	99

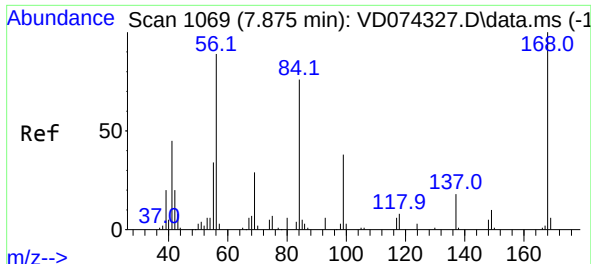
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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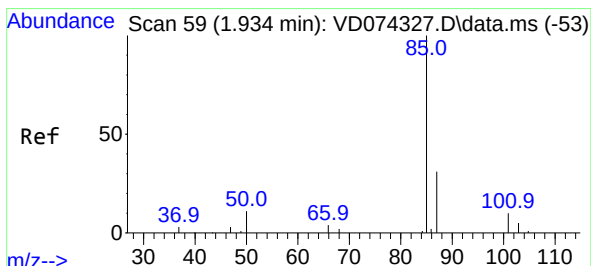
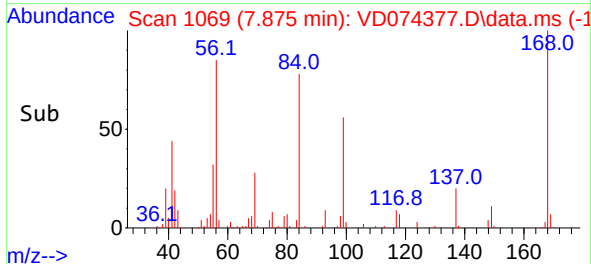
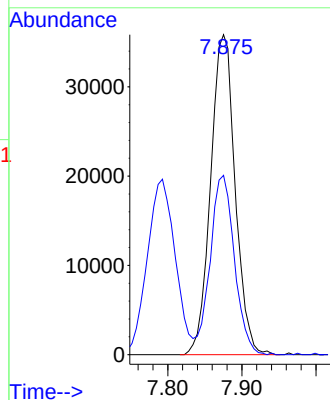
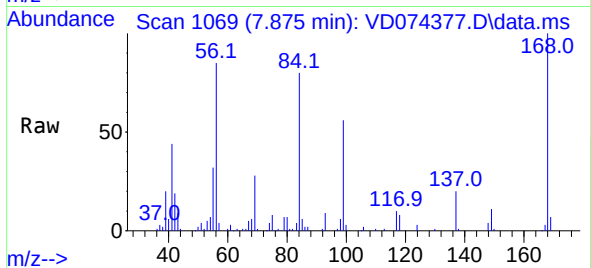
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

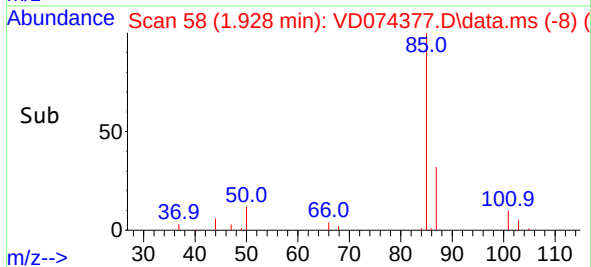
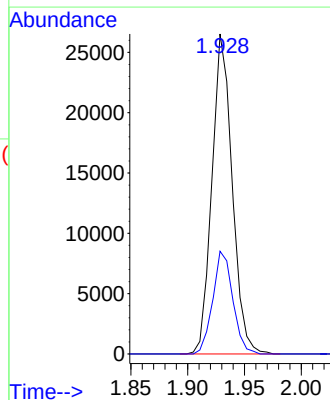
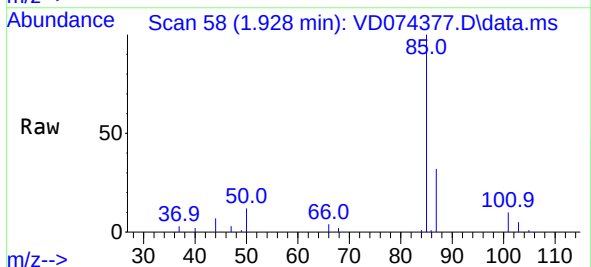
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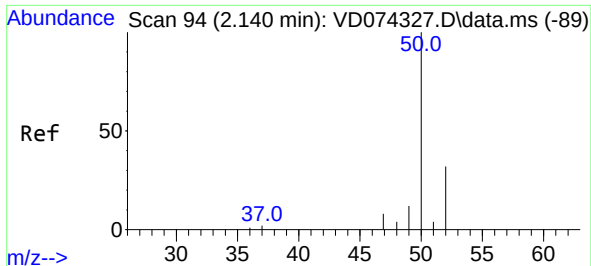
Tgt Ion:168 Resp: 82252
Ion Ratio Lower Upper
168 100
99 56.1 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 43.338 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 85 Resp: 32837
Ion Ratio Lower Upper
85 100
87 32.1 17.9 53.7

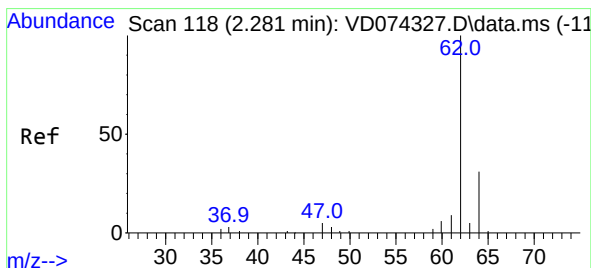
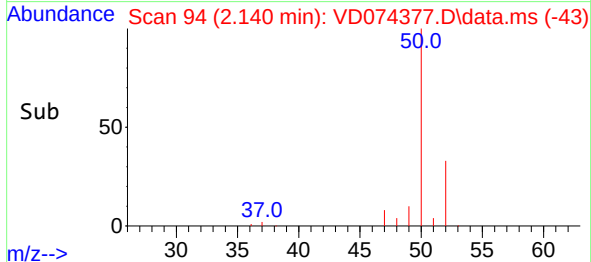
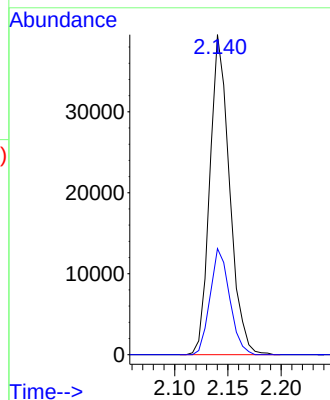
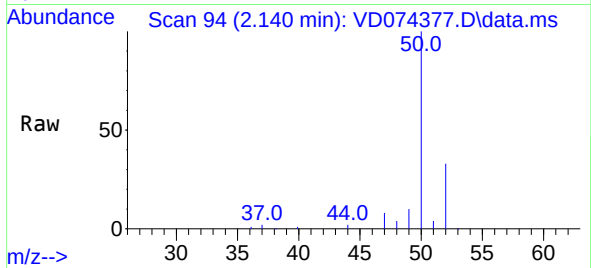




#3
Chloromethane
Concen: 70.808 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

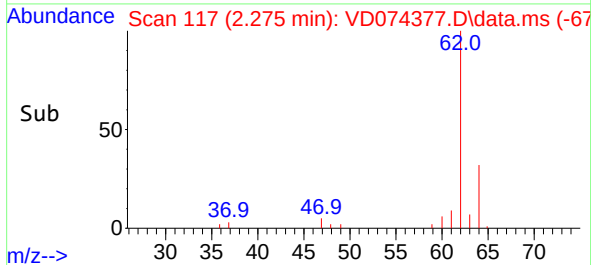
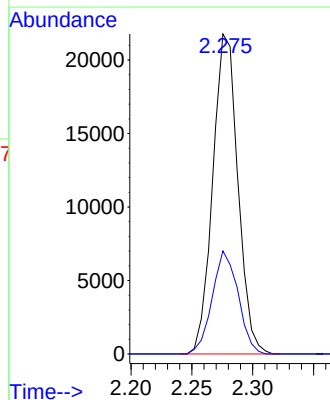
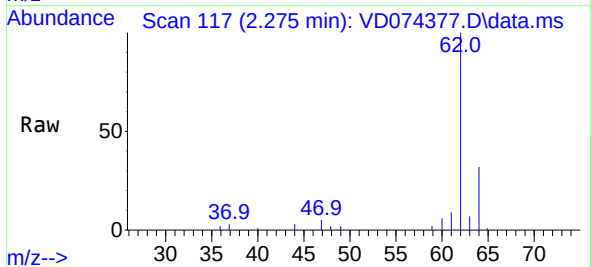
Instrument :
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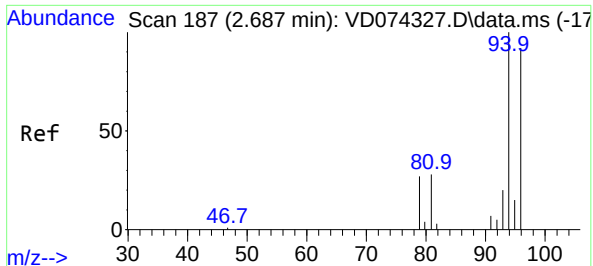
Tgt Ion: 50 Resp: 51022
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.8



#4
Vinyl Chloride
Concen: 44.169 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 62 Resp: 31235
Ion Ratio Lower Upper
62 100
64 32.2 27.0 40.4

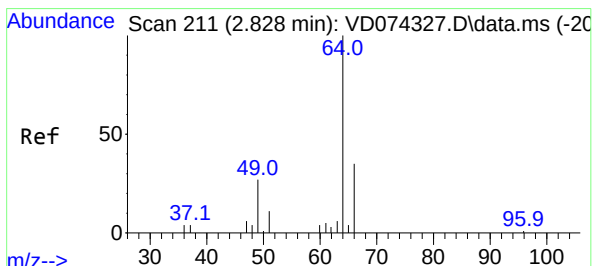
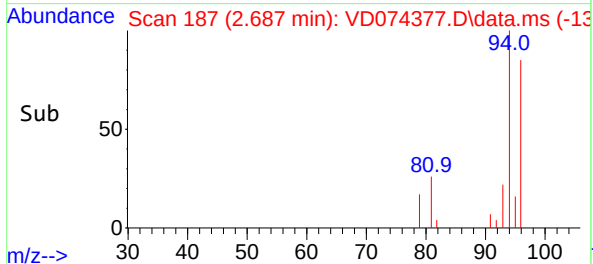
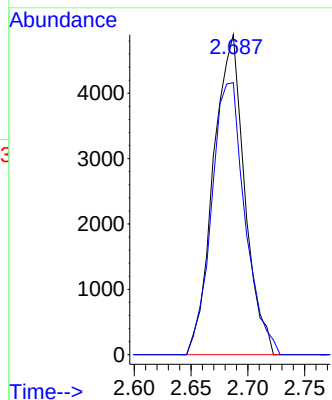
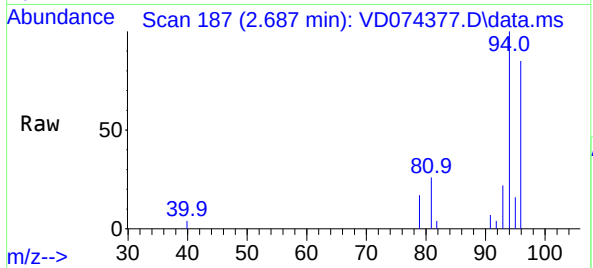




#5
Bromomethane
Concen: 21.423 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

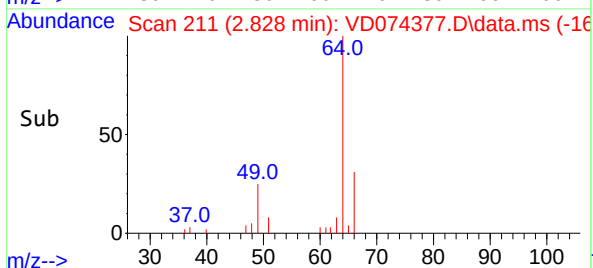
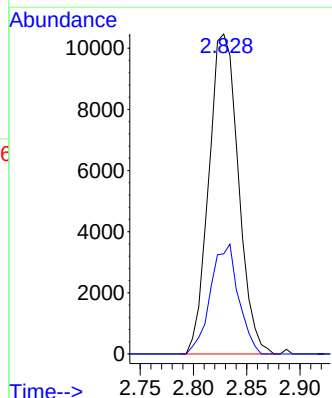
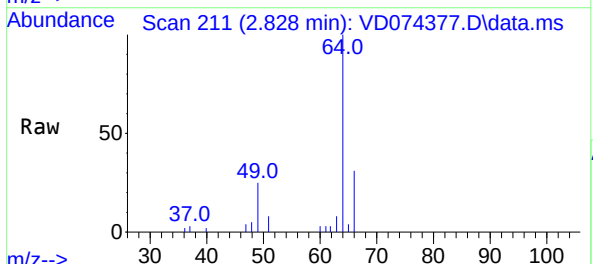
Instrument :
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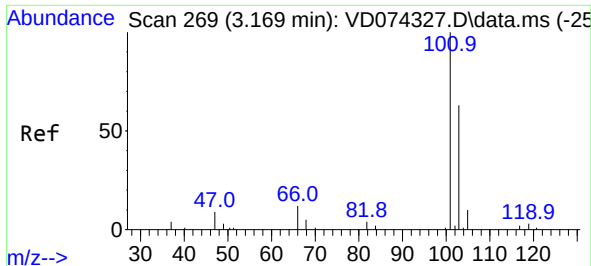
Tgt Ion: 94 Resp: 9366
Ion Ratio Lower Upper
94 100
96 85.0 74.6 112.0



#6
Chloroethane
Concen: 48.596 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 64 Resp: 20191
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8

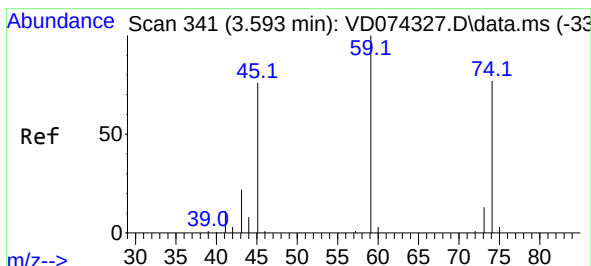
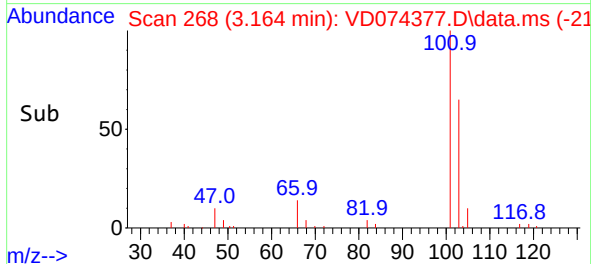
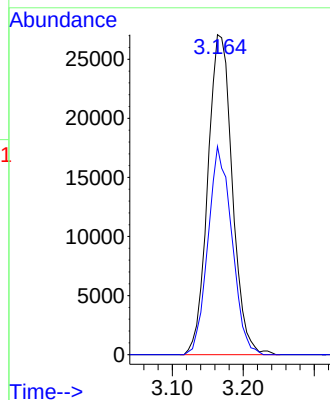
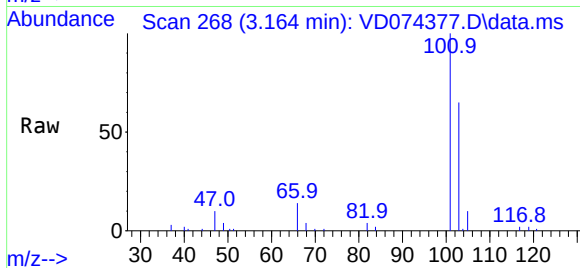




#7
Trichlorofluoromethane
Concen: 47.082 ug/l
RT: 3.164 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

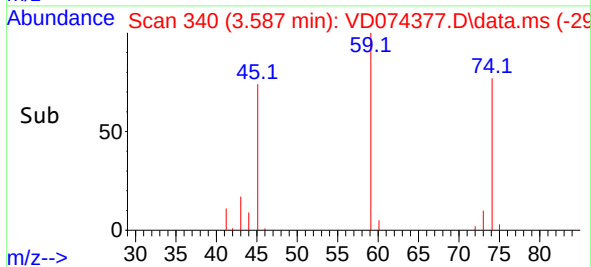
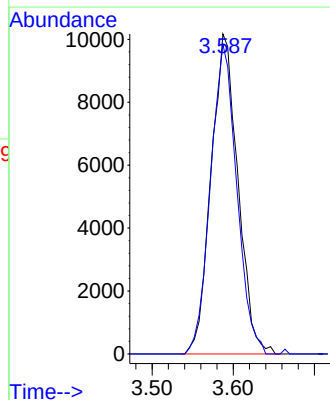
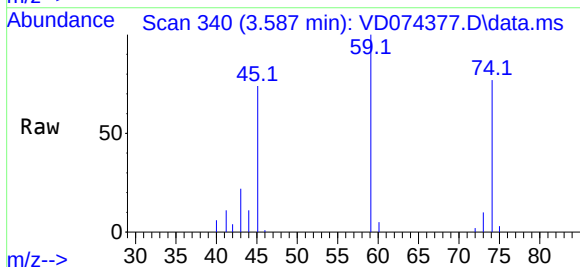
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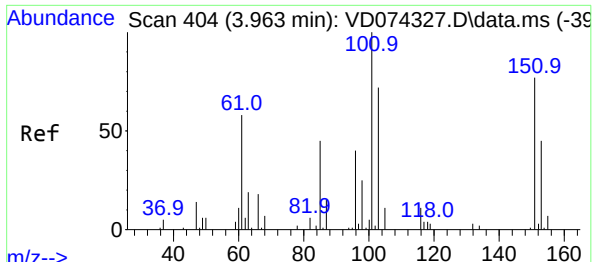
Tgt Ion:101 Resp: 64882
Ion Ratio Lower Upper
101 100
103 65.1 50.6 76.0



#8
Diethyl Ether
Concen: 53.197 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 74 Resp: 23368
Ion Ratio Lower Upper
74 100
45 94.6 47.9 143.6

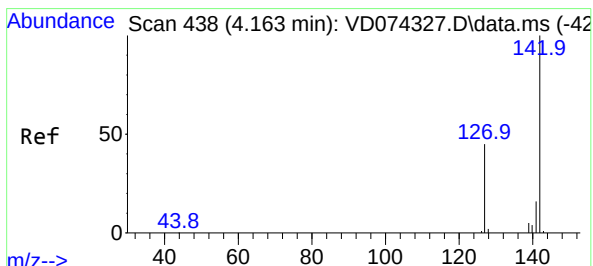
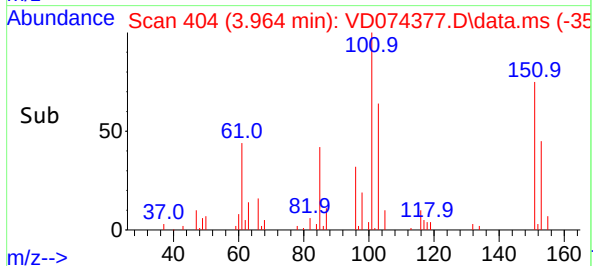
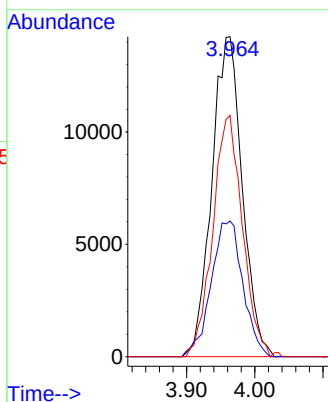
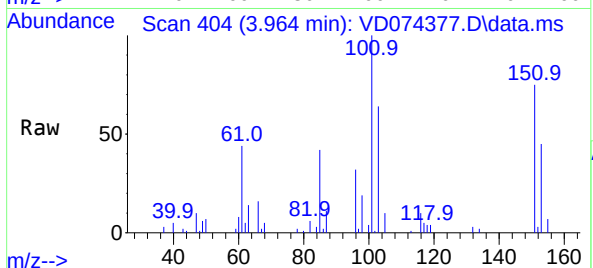




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.089 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.001 min
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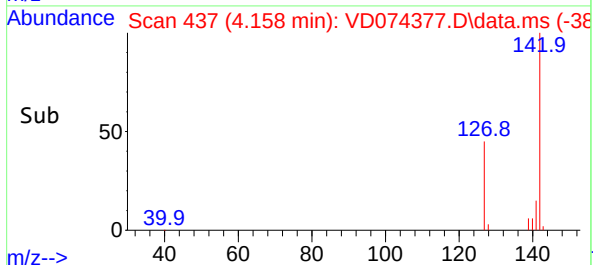
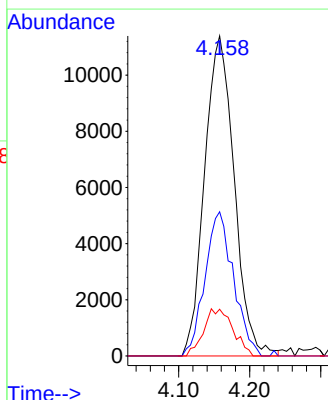
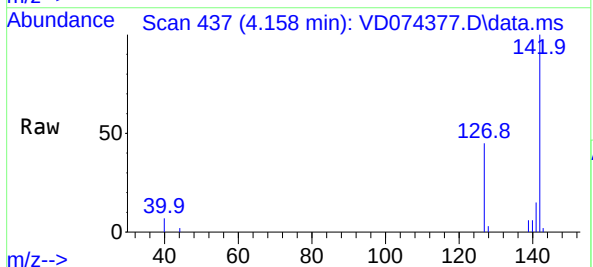
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ClientSampleId :
VSTDCCC050EC

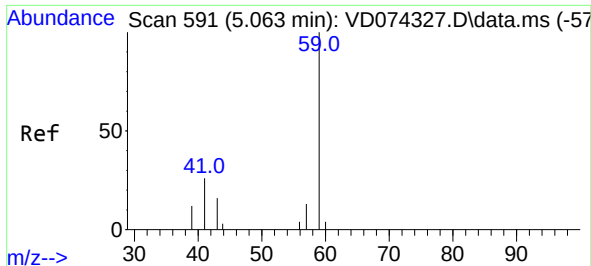
Tgt Ion:101 Resp: 44268
Ion Ratio Lower Upper
101 100
85 44.1 35.0 52.4
151 73.5 59.7 89.5



#10
Methyl Iodide
Concen: 30.829 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:142 Resp: 32997
Ion Ratio Lower Upper
142 100
127 43.4 34.6 51.8
141 14.6 11.7 17.5

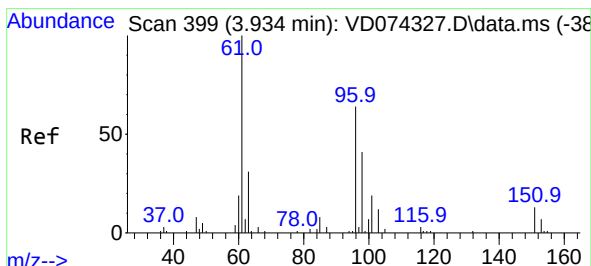
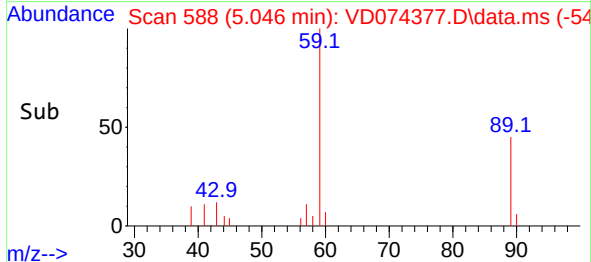
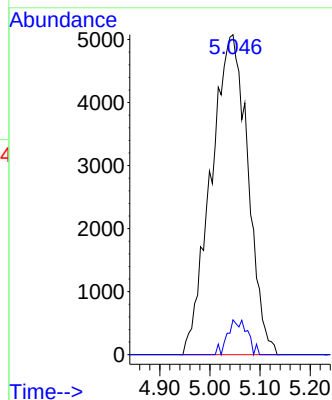
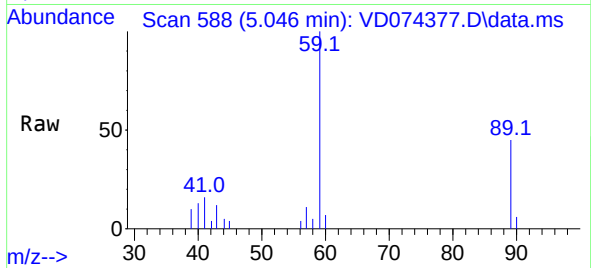




#11
Tert butyl alcohol
Concen: 477.564 ug/l
RT: 5.046 min Scan# 591
Delta R.T. -0.017 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

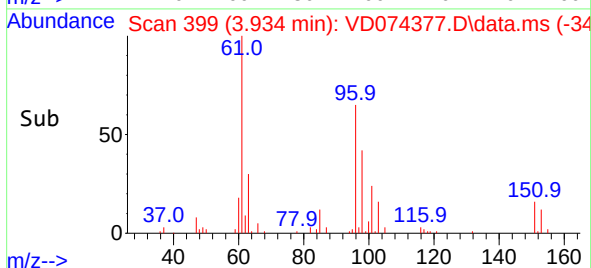
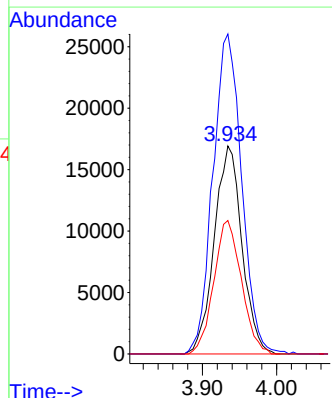
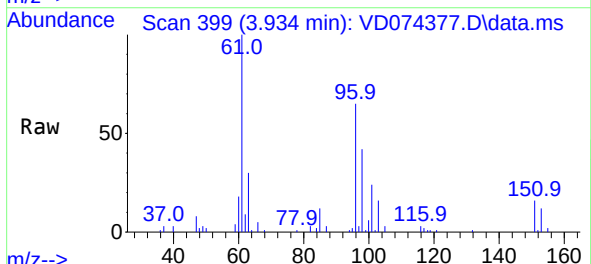
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 25856
Ion Ratio Lower Upper
59 100
57 5.8 7.7 11.5#

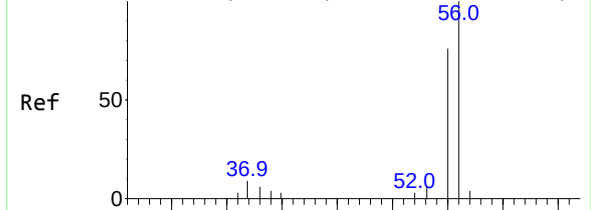


#12
1,1-Dichloroethene
Concen: 49.837 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

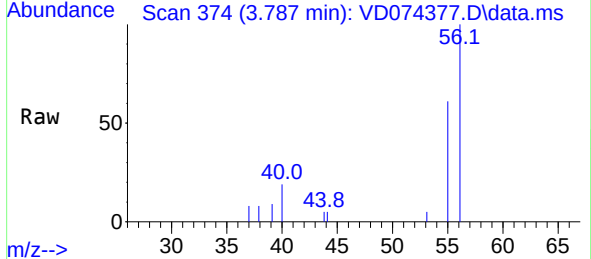
Tgt Ion: 96 Resp: 43958
Ion Ratio Lower Upper
96 100
61 153.8 122.3 183.5
98 64.1 50.7 76.1



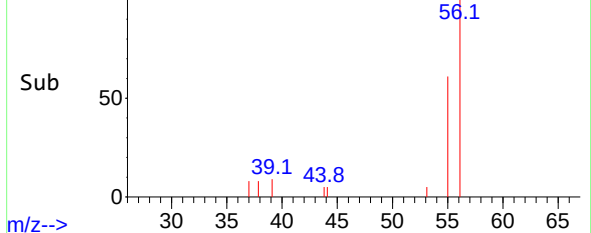
Abundance Scan 376 (3.799 min): VD074327.D\data.ms (-36



Abundance Scan 374 (3.787 min): VD074377.D\data.ms



Abundance Scan 374 (3.787 min): VD074377.D\data.ms (-32



#13

Acrolein

Concen: 132.937 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.012 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

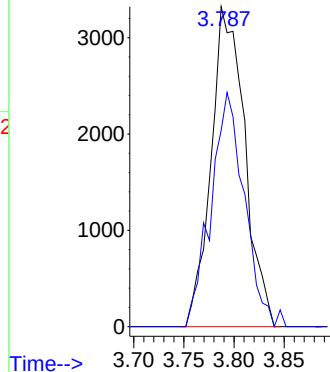
Tgt Ion: 56 Resp: 7762

Ion Ratio Lower Upper

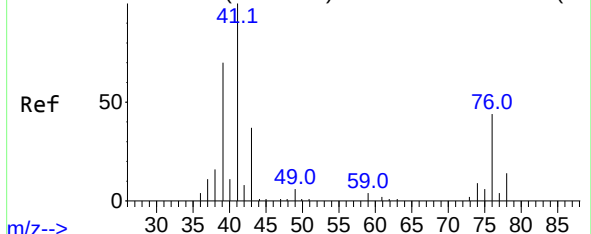
56 100

55 73.0 57.4 86.2

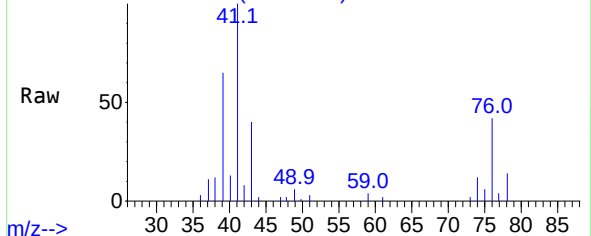
Abundance



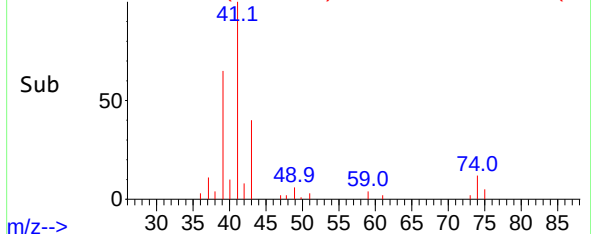
Abundance Scan 506 (4.563 min): VD074327.D\data.ms (-48



Abundance Scan 505 (4.558 min): VD074377.D\data.ms



Abundance Scan 505 (4.558 min): VD074377.D\data.ms (-45



#14

Allyl chloride

Concen: 51.087 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Tgt Ion: 41 Resp: 65213

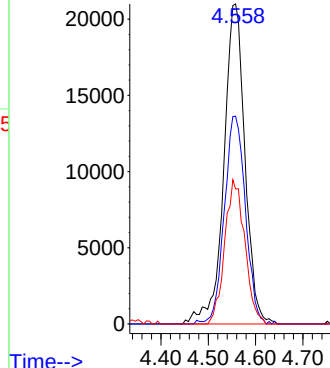
Ion Ratio Lower Upper

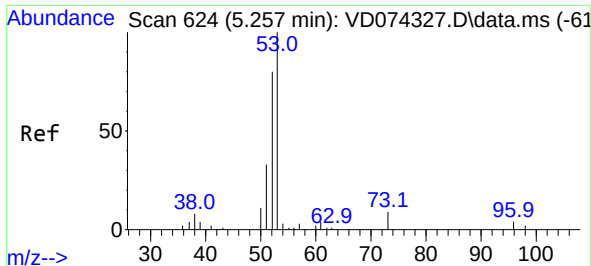
41 100

39 64.9 52.8 79.2

76 42.7 32.9 49.3

Abundance

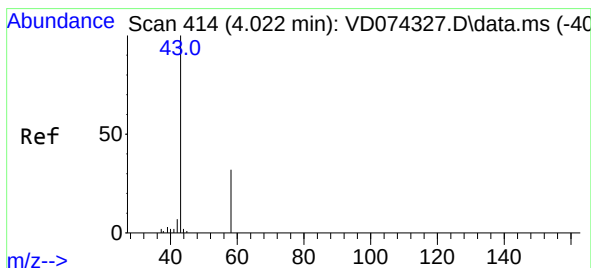
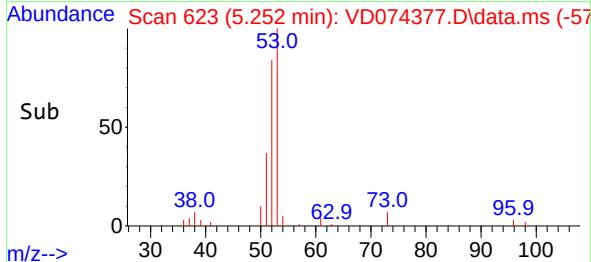
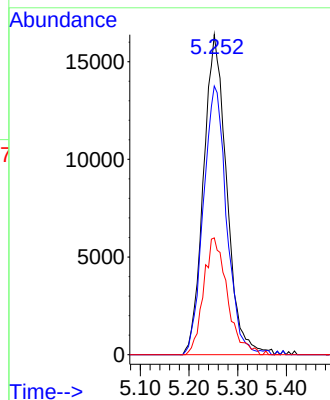
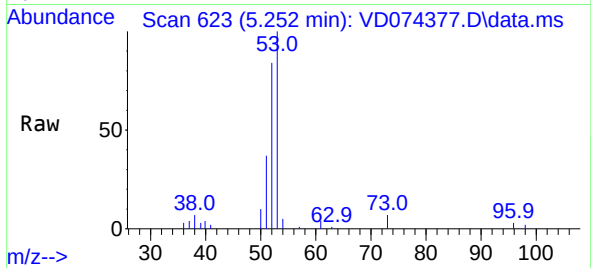




#15
Acrylonitrile
Concen: 279.984 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

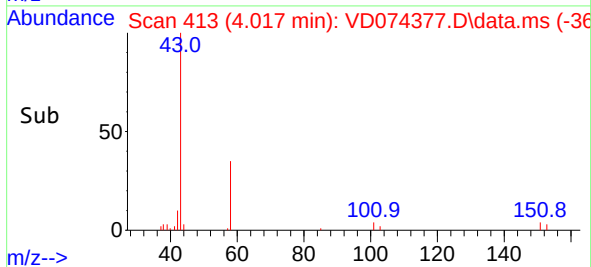
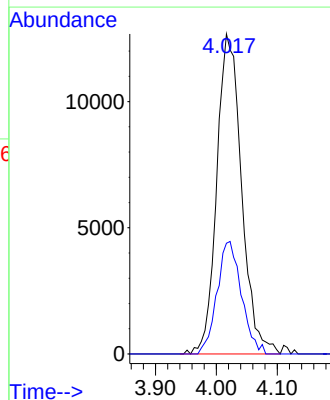
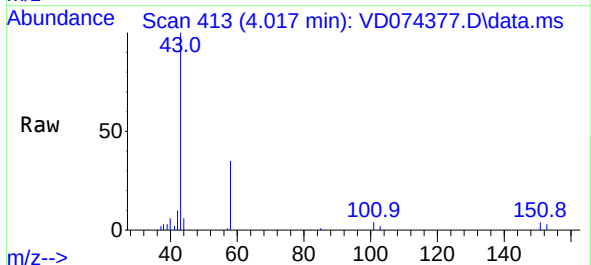
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

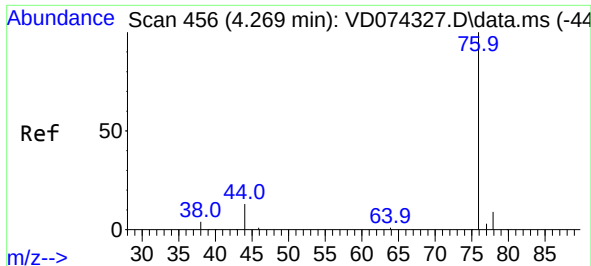
Tgt Ion: 53 Resp: 54211
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.4 29.0 43.6



#16
Acetone
Concen: 198.712 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 43 Resp: 35866
Ion Ratio Lower Upper
43 100
58 34.6 26.4 39.6

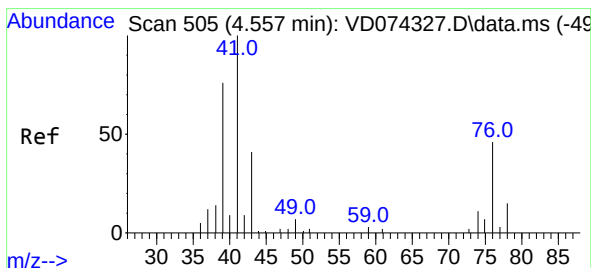
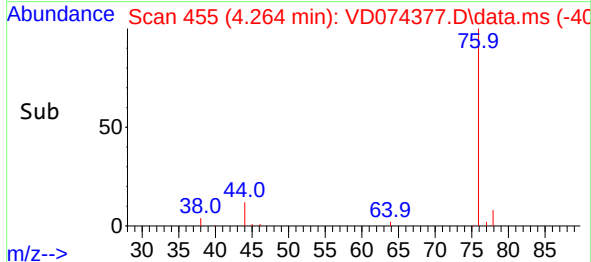
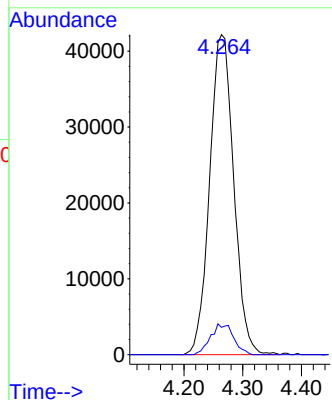
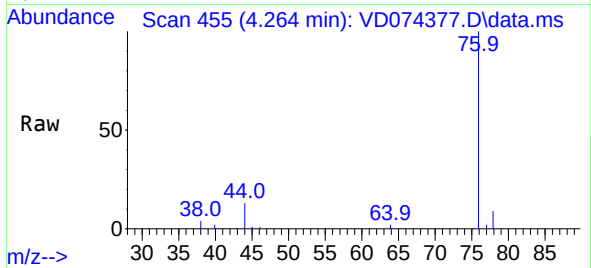




#17
Carbon Disulfide
Concen: 41.822 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

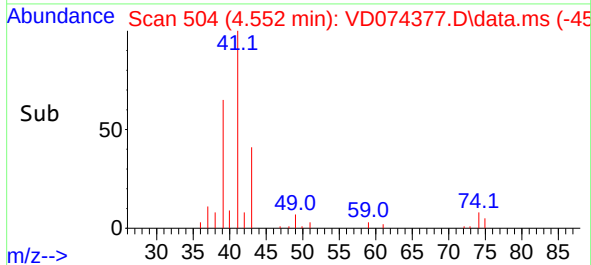
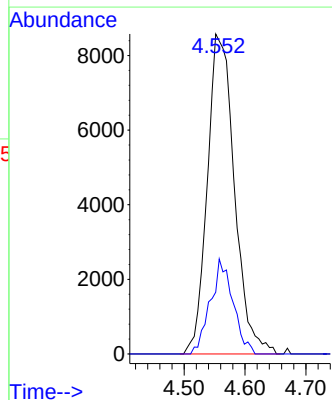
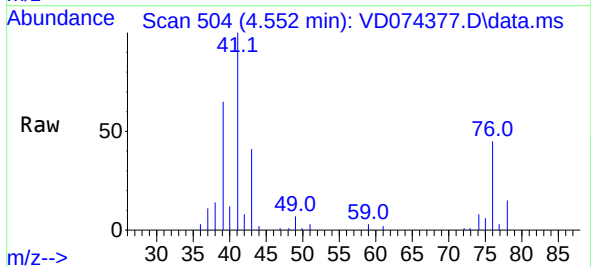
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

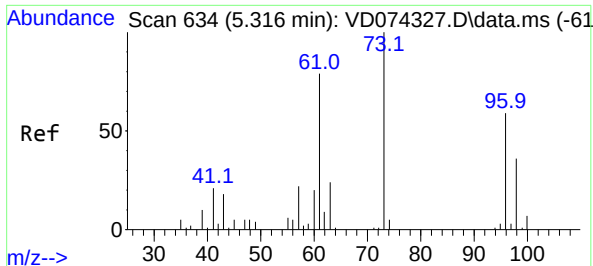
Tgt Ion: 76 Resp: 120113
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 53.875 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 43 Resp: 26551
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9

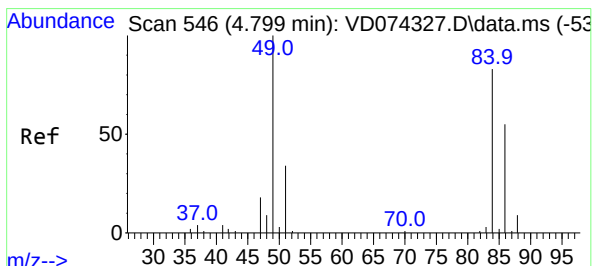
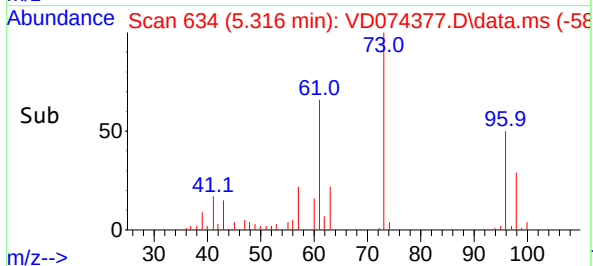
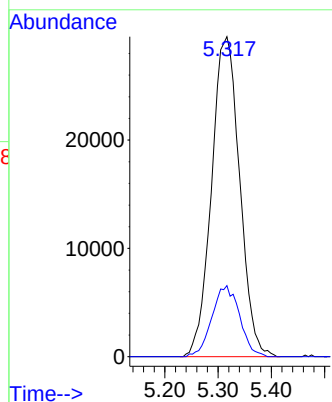
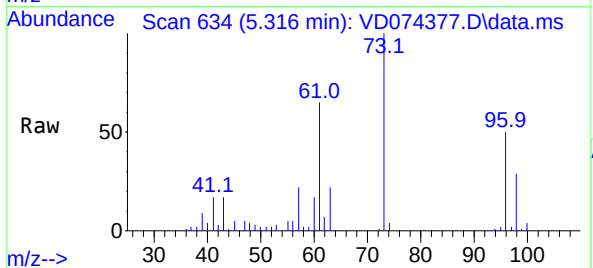




#19
Methyl tert-butyl Ether
Concen: 57.306 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

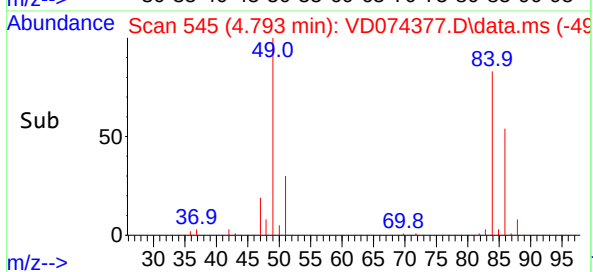
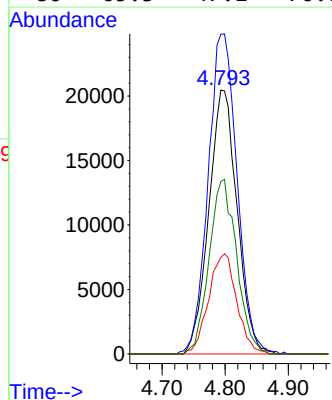
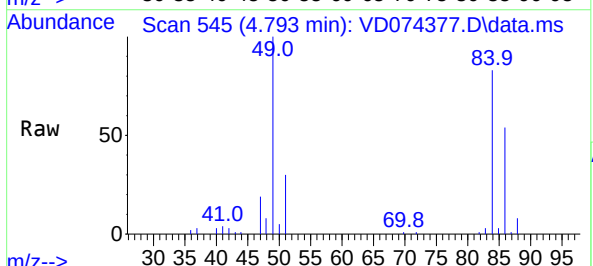
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

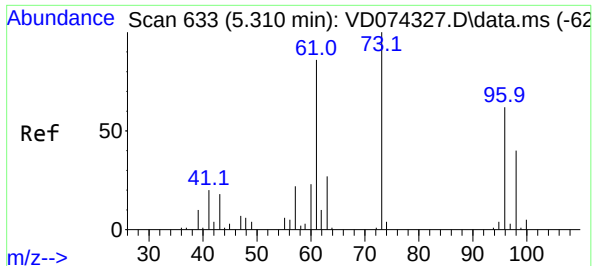
Tgt Ion: 73 Resp: 108241
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 57.974 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 84 Resp: 63814
Ion Ratio Lower Upper
84 100
49 121.1 88.4 132.6
51 36.6 28.0 42.0
86 65.3 47.1 70.7

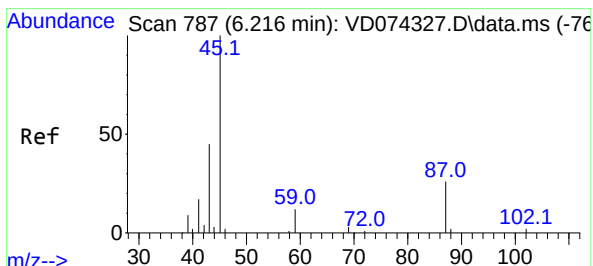
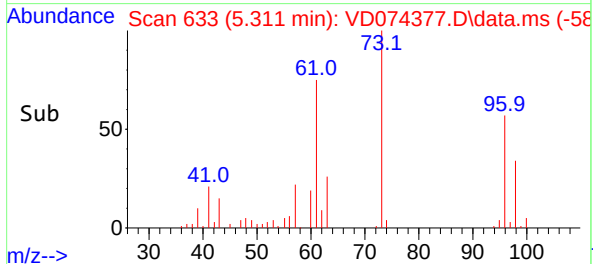
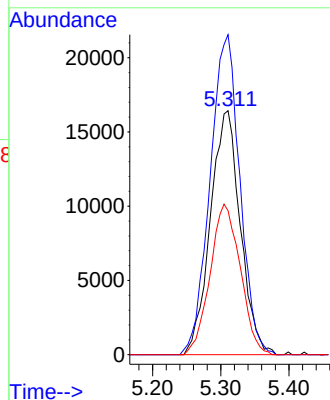
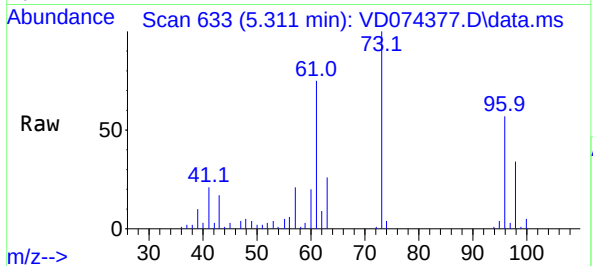




#21
trans-1,2-Dichloroethene
Concen: 51.379 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

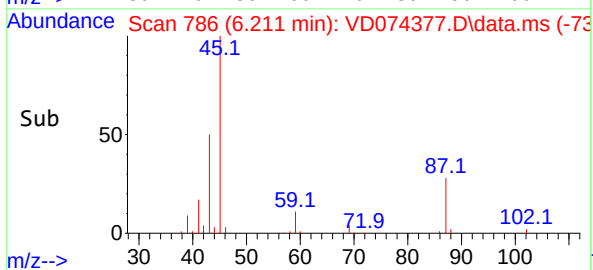
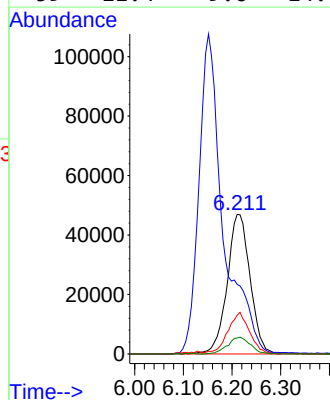
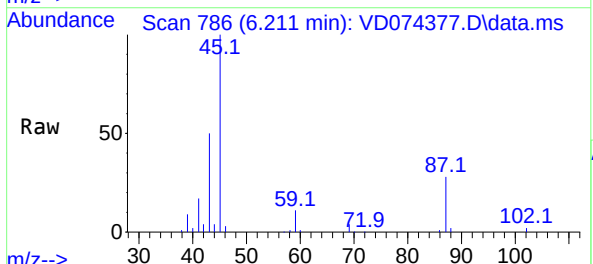
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

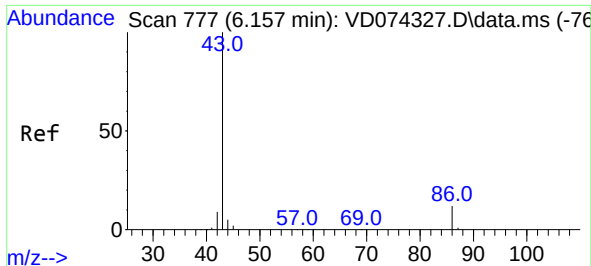
Tgt Ion: 96 Resp: 50177
Ion Ratio Lower Upper
96 100
61 131.2 105.1 157.7
98 59.0 47.4 71.2



#22
Diisopropyl ether
Concen: 56.939 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 45 Resp: 153086
Ion Ratio Lower Upper
45 100
43 48.9 38.9 58.3
87 27.8 21.0 31.4
59 11.4 9.6 14.4

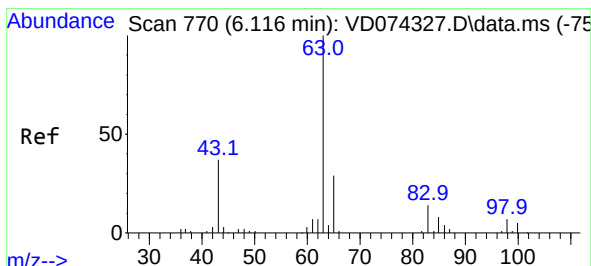
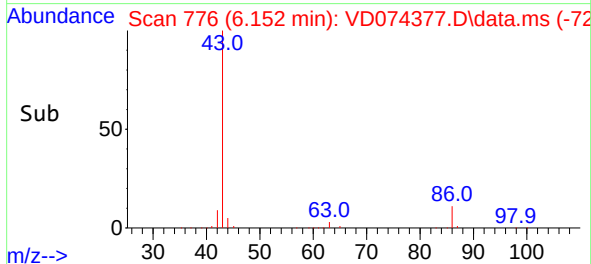
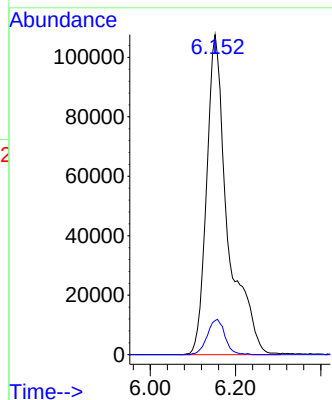
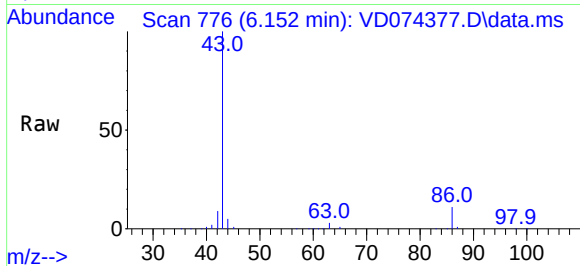




#23
 Vinyl Acetate
 Concen: 271.967 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD074377.D
 Acq: 20 Sep 2022 20:38

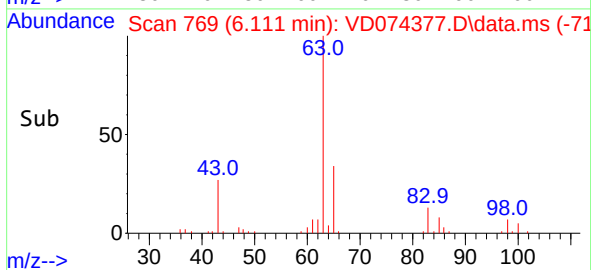
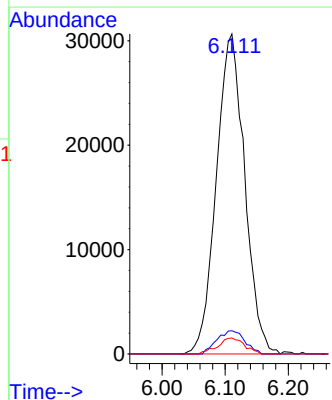
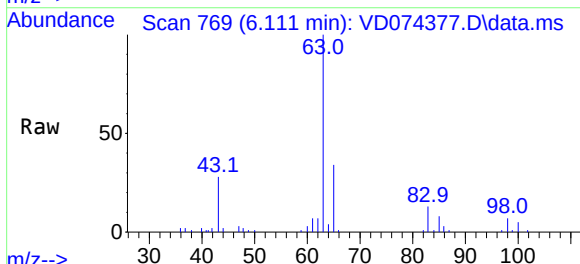
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

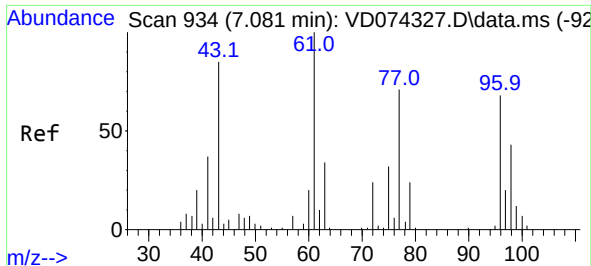
Tgt Ion: 43 Resp: 373128
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 55.215 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD074377.D
 Acq: 20 Sep 2022 20:38

Tgt Ion: 63 Resp: 95554
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.8 8.4
 100 5.0 2.2 6.6

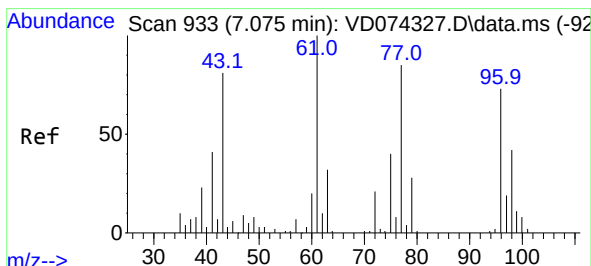
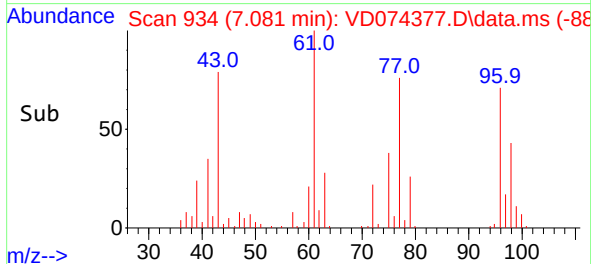
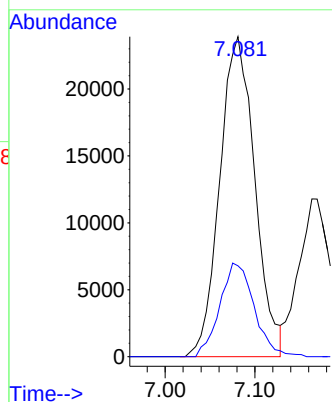
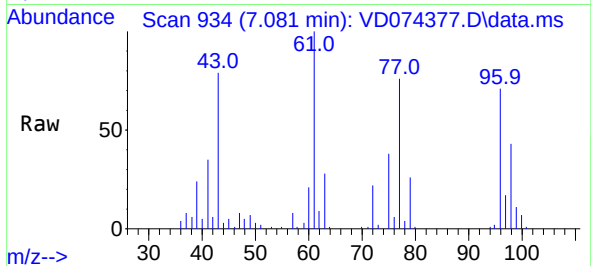




#25
2-Butanone
Concen: 241.321 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

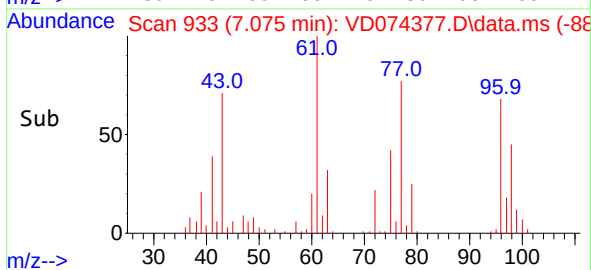
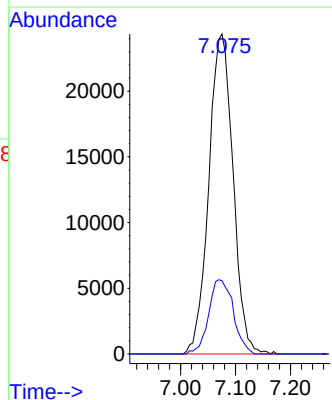
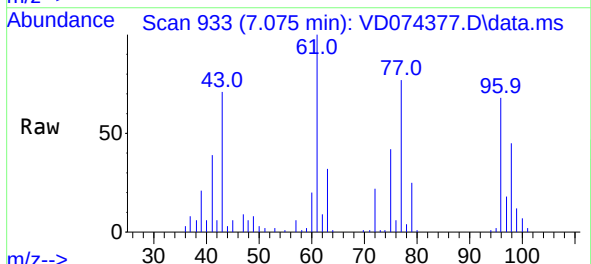
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

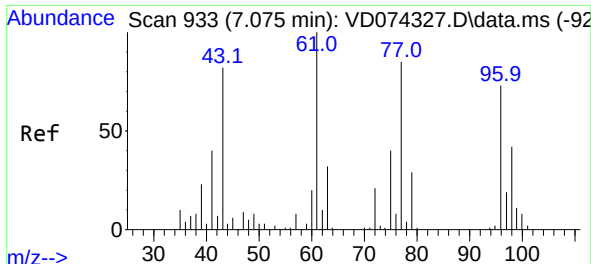
Tgt Ion: 43 Resp: 64875
Ion Ratio Lower Upper
43 100
72 28.4 21.8 32.6



#26
2,2-Dichloropropane
Concen: 52.273 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 77 Resp: 74676
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.4

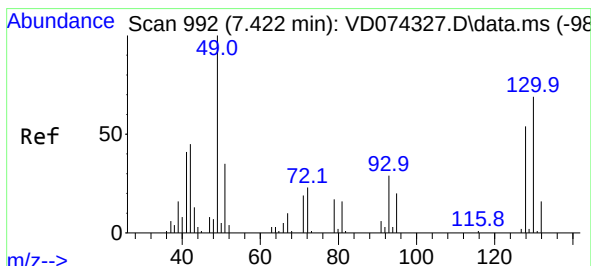
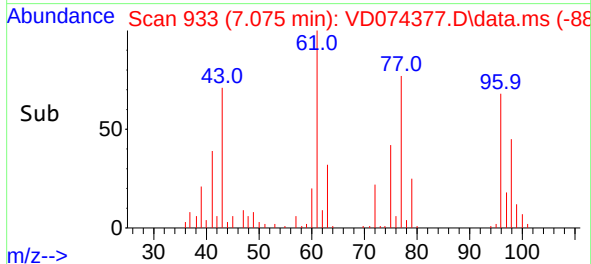
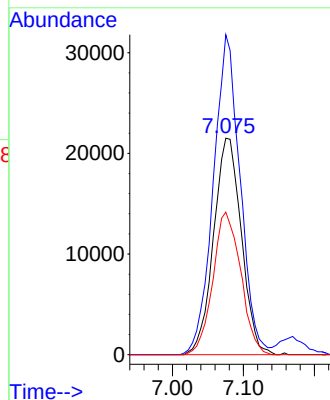
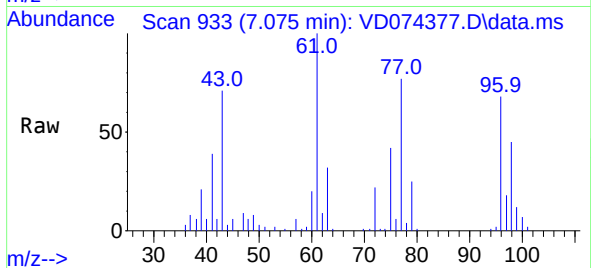




#27
cis-1,2-Dichloroethene
Concen: 54.009 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

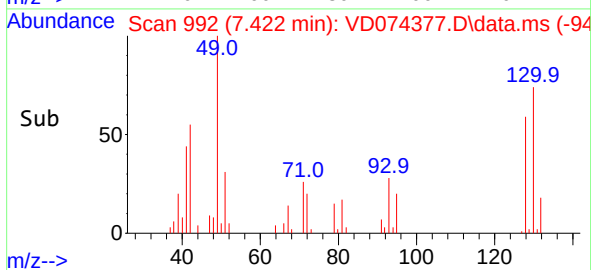
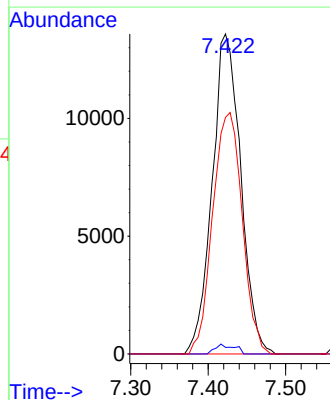
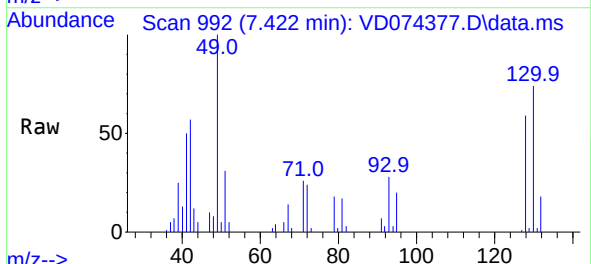
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

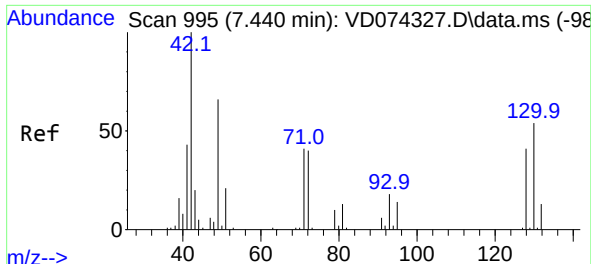
Tgt Ion: 96 Resp: 58438
Ion Ratio Lower Upper
96 100
61 142.1 0.0 289.4
98 65.9 0.0 130.2



#28
Bromochloromethane
Concen: 52.175 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 49 Resp: 34865
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.6
130 77.9 62.2 93.2

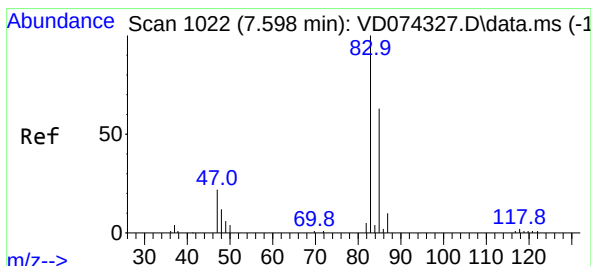
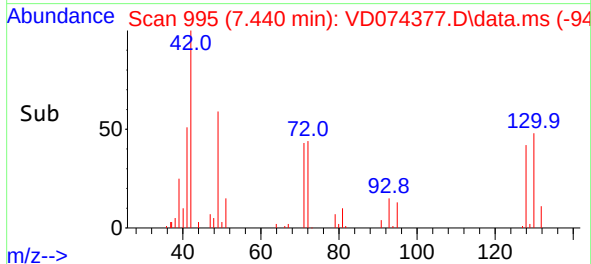
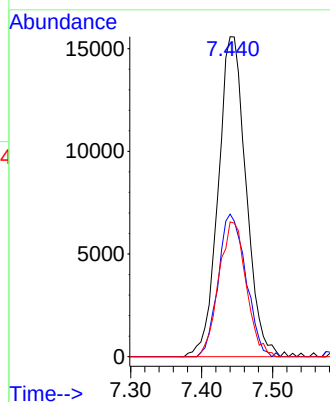
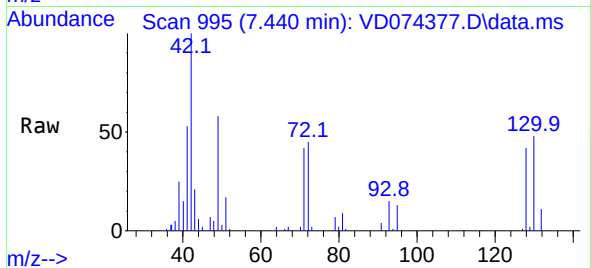




#29
Tetrahydrofuran
Concen: 274.281 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

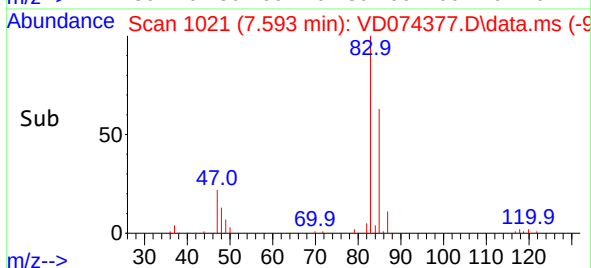
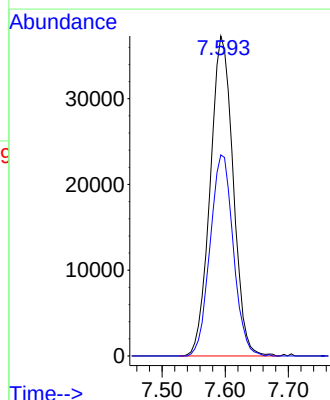
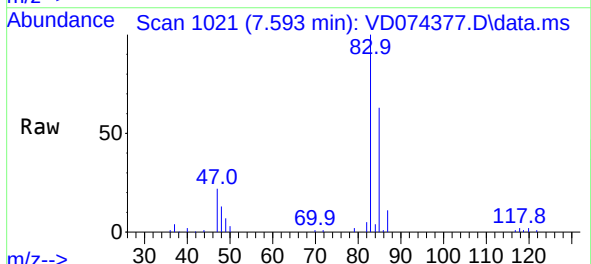
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

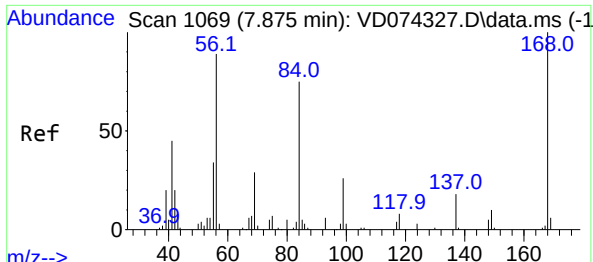
Tgt Ion: 42 Resp: 42257
Ion Ratio Lower Upper
42 100
72 44.5 36.1 54.1
71 41.5 34.1 51.1



#30
Chloroform
Concen: 55.366 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

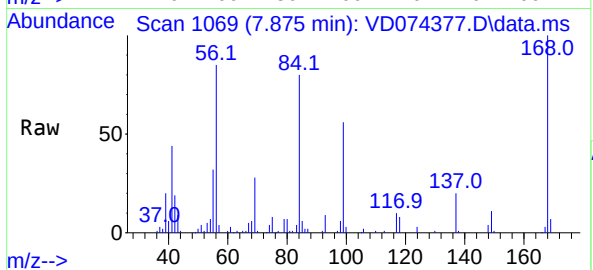
Tgt Ion: 83 Resp: 94215
Ion Ratio Lower Upper
83 100
85 62.8 56.7 85.1



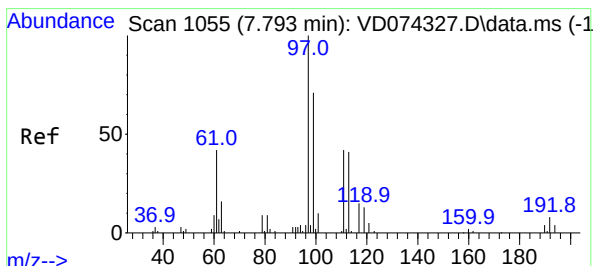
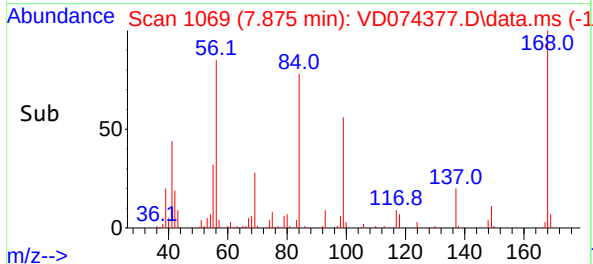
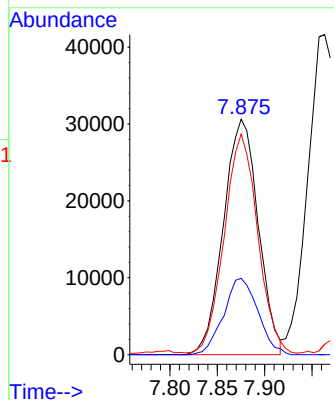


#31
Cyclohexane
Concen: 46.613 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

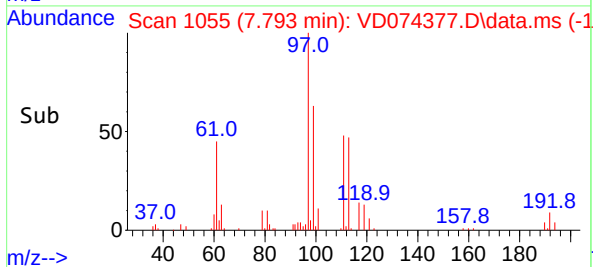
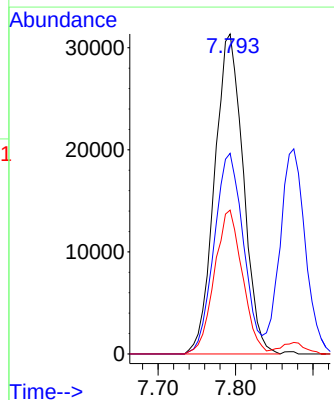
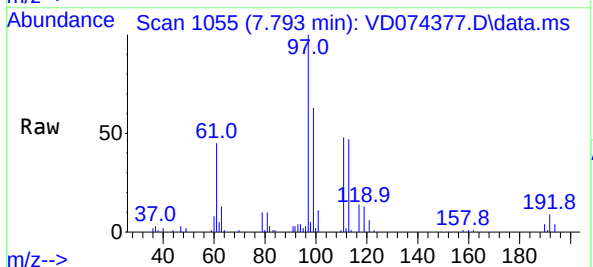


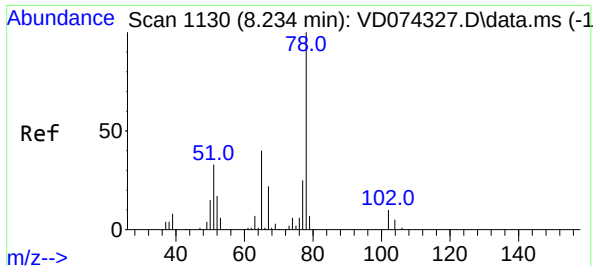
Tgt Ion: 56 Resp: 78322
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 92.7 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 53.679 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 97 Resp: 80579
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 44.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.465 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

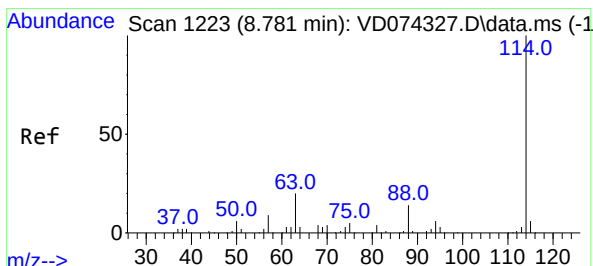
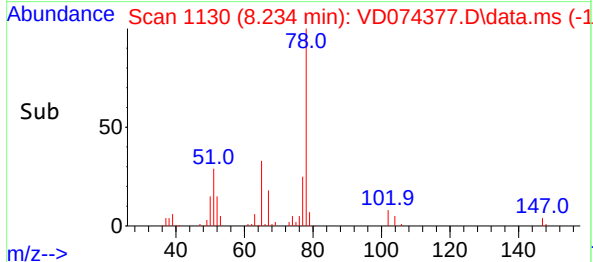
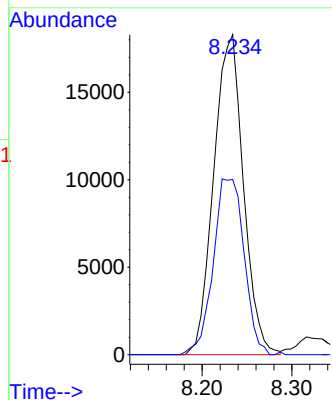
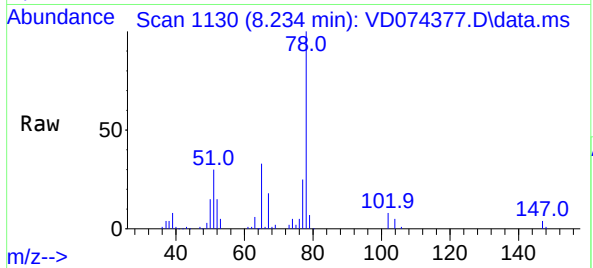
VSTDCCC050EC

Tgt Ion: 65 Resp: 42032

Ion Ratio Lower Upper

65 100

67 57.1 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

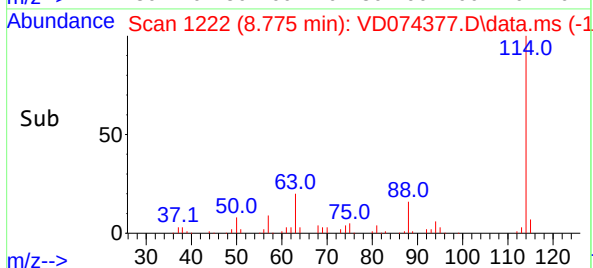
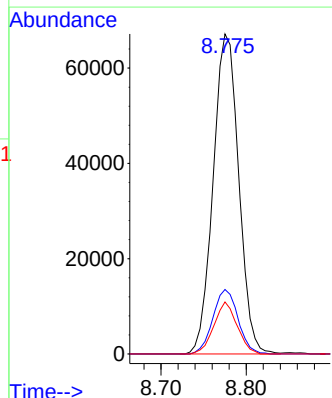
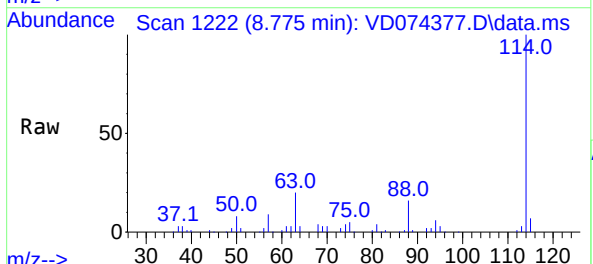
Tgt Ion: 114 Resp: 140126

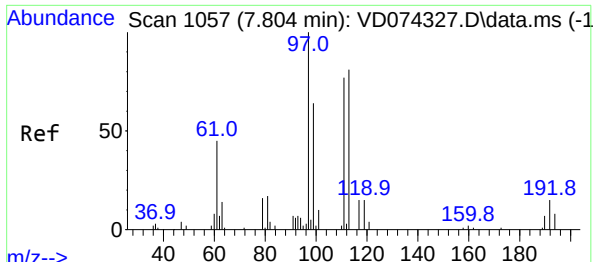
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.6

88 16.3 0.0 28.4

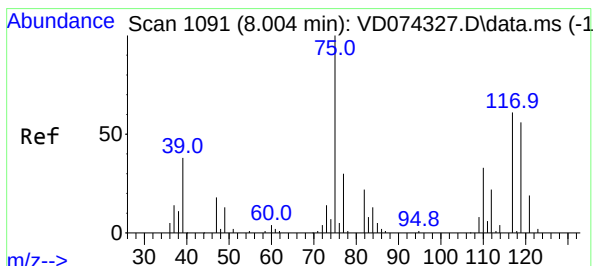
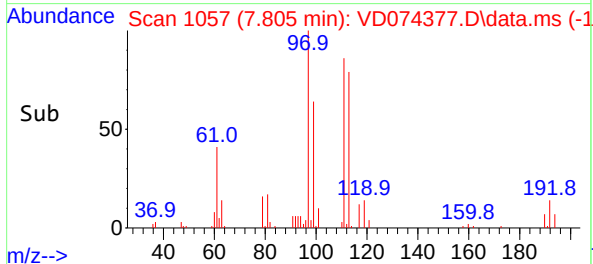
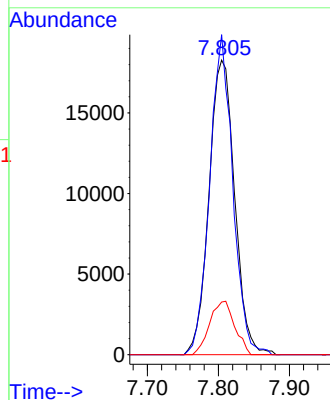
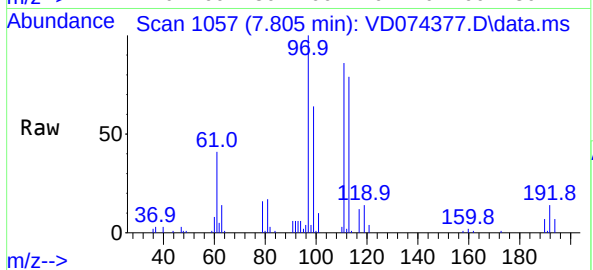




#35
Dibromofluoromethane
Concen: 49.691 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

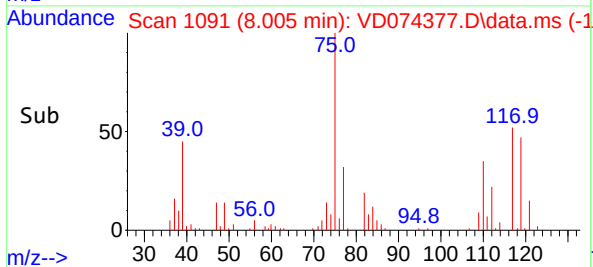
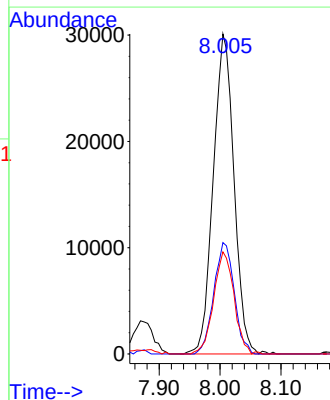
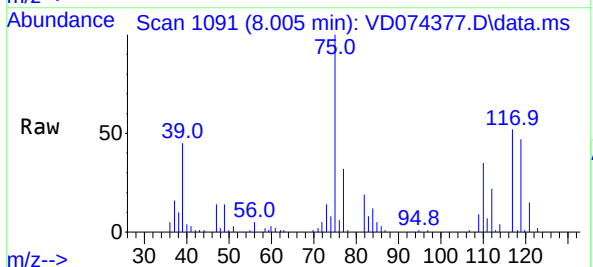
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

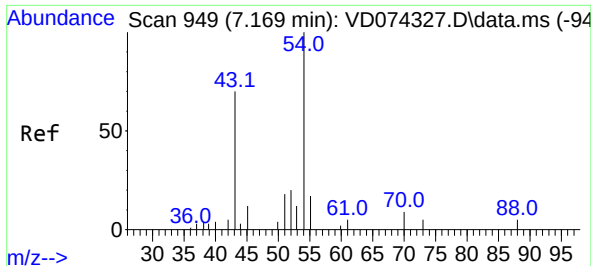
Tgt Ion:113 Resp: 45859
Ion Ratio Lower Upper
113 100
111 97.7 83.0 124.6
192 17.6 16.2 24.2



#36
1,1-Dichloropropene
Concen: 50.550 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 75 Resp: 71213
Ion Ratio Lower Upper
75 100
110 34.2 17.5 52.5
77 31.4 24.8 37.2

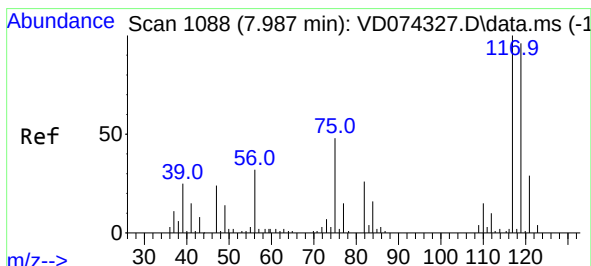
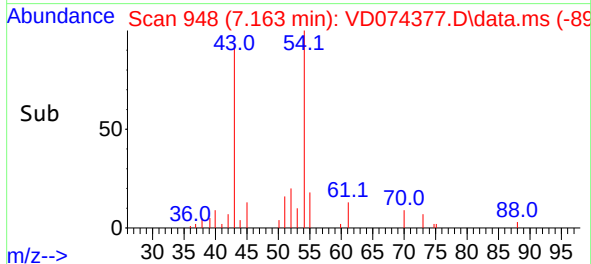
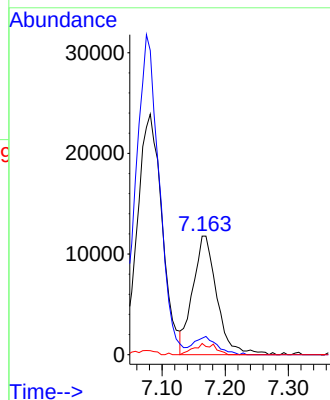
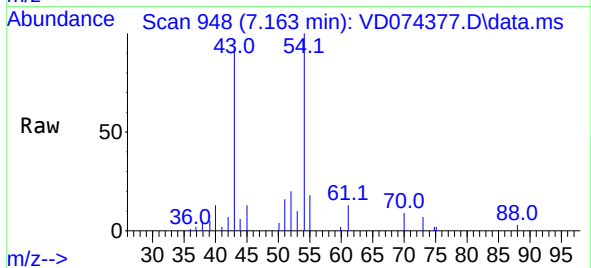




#37
Ethyl Acetate
Concen: 55.418 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

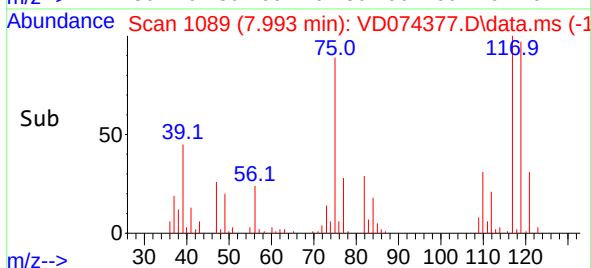
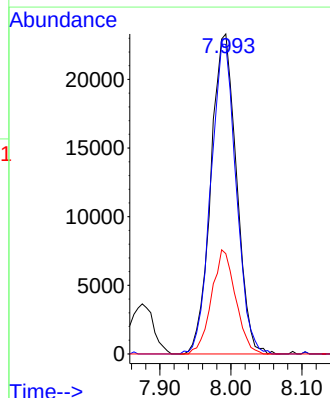
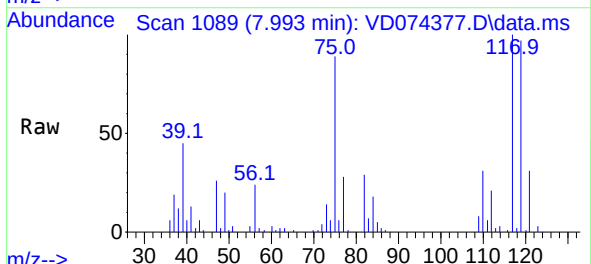
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

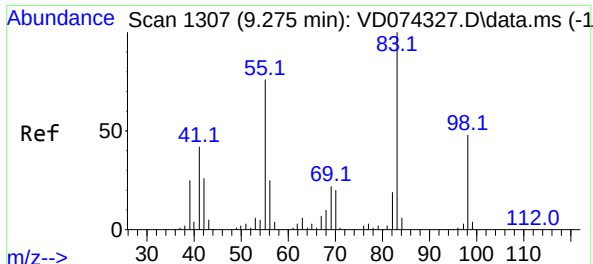
Tgt Ion: 43 Resp: 31277
Ion Ratio Lower Upper
43 100
61 14.2 12.1 18.1
70 8.1 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 46.689 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 117 Resp: 58288
Ion Ratio Lower Upper
117 100
119 96.7 78.8 118.2
121 31.3 23.9 35.9





#39

Methylcyclohexane

Concen: 48.735 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

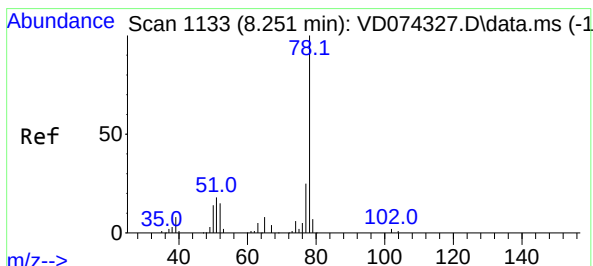
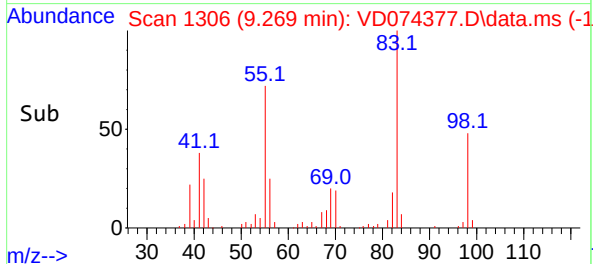
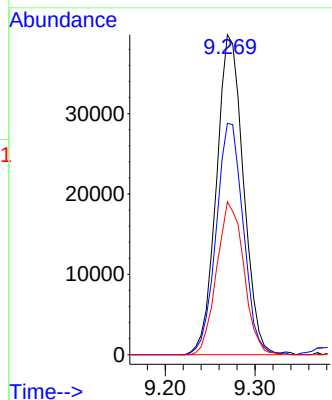
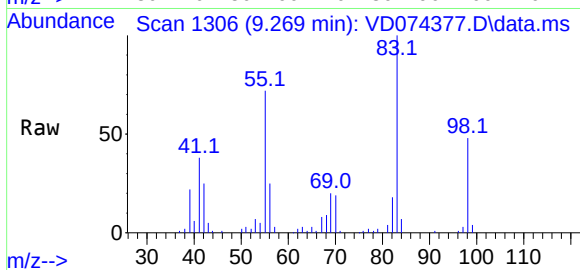
Tgt Ion: 83 Resp: 83044

Ion Ratio Lower Upper

83 100

55 72.3 57.2 85.8

98 47.8 38.3 57.5



#40

Benzene

Concen: 53.856 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD074377.D

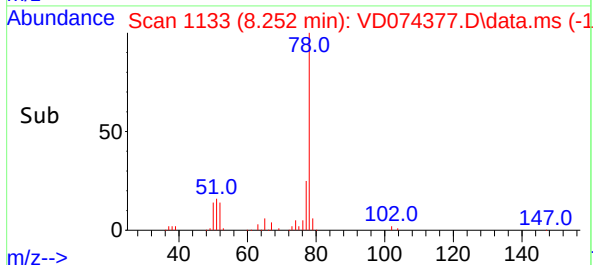
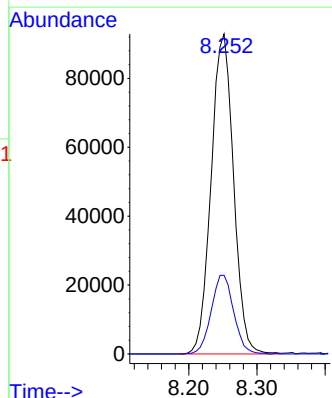
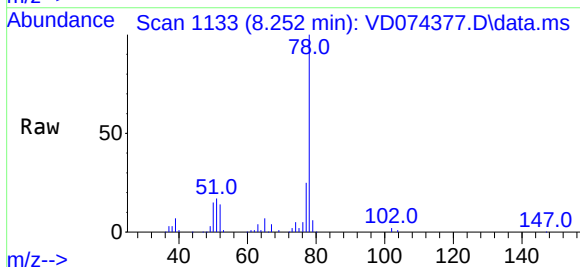
Acq: 20 Sep 2022 20:38

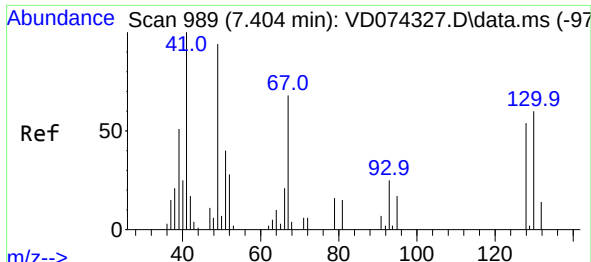
Tgt Ion: 78 Resp: 212732

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.2



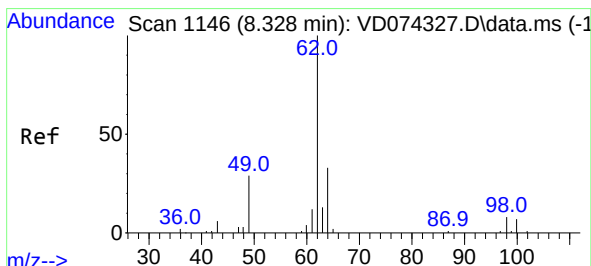
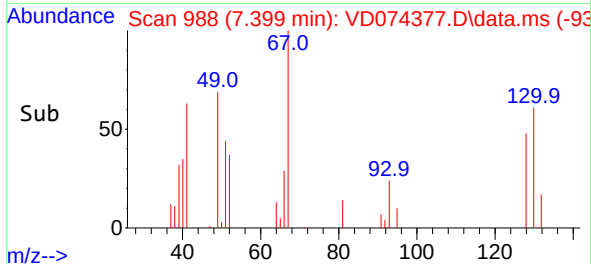
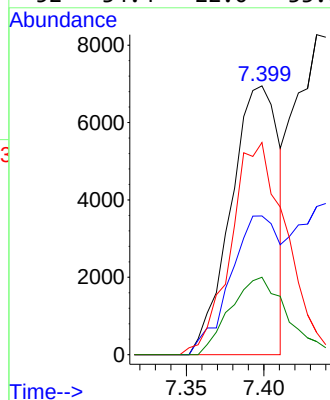
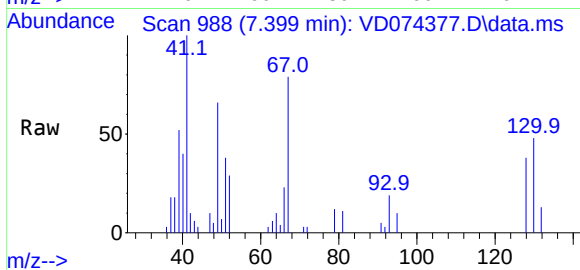


#41
Methacrylonitrile
Concen: 48.662 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 14907

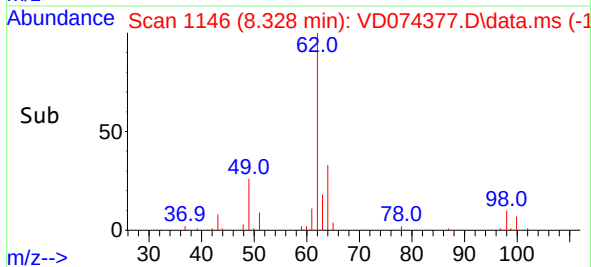
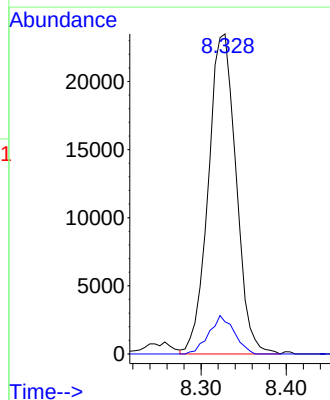
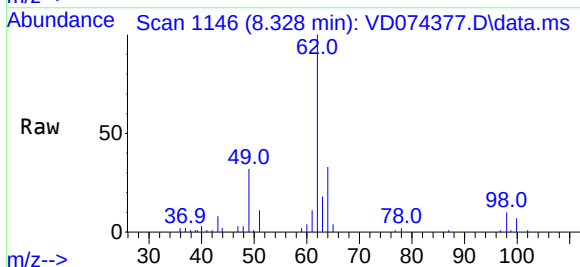
Ion	Ratio	Lower	Upper
41	100		
39	52.5	39.8	59.6
67	91.4	56.1	84.1#
52	34.4	22.0	33.0#

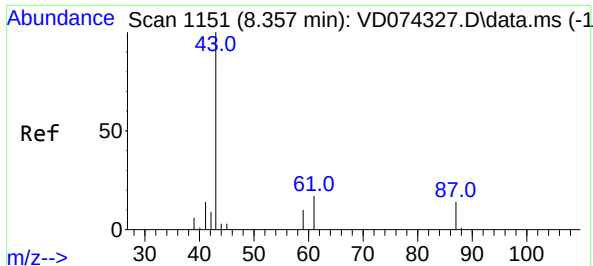


#42
1,2-Dichloroethane
Concen: 52.712 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 62 Resp: 53176

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4





#43

Isopropyl Acetate

Concen: 56.778 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. 0.001 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

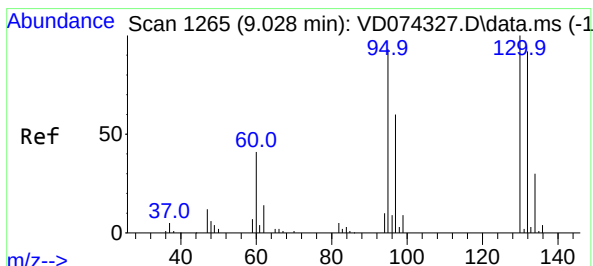
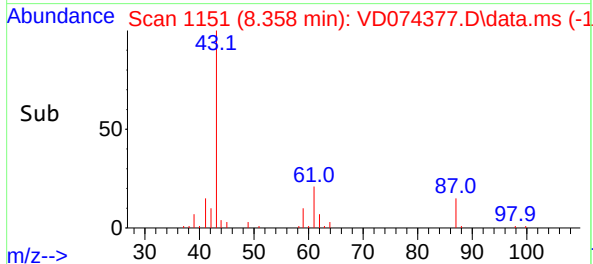
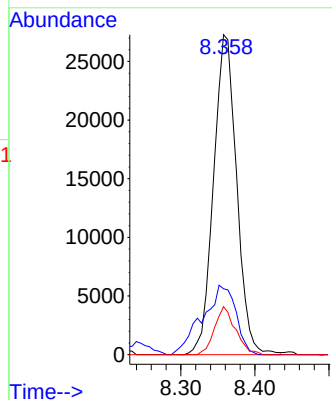
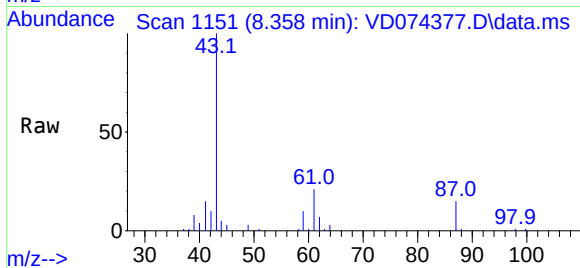
Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43	Resp: 59120
Ion Ratio	Lower Upper
43	100
61	31.3 24.5 36.7
87	13.6 10.8 16.2



#44

Trichloroethene

Concen: 53.371 ug/l

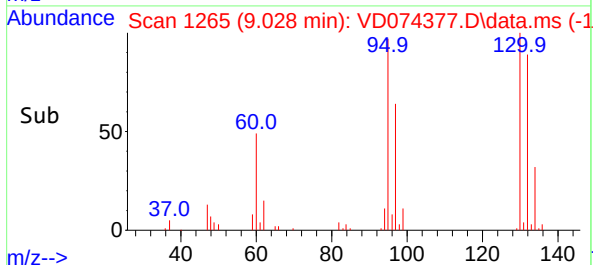
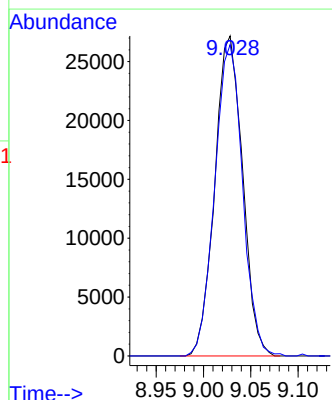
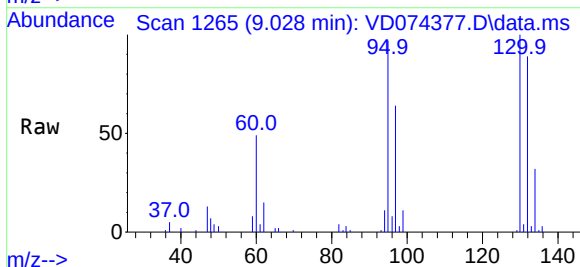
RT: 9.028 min Scan# 1265

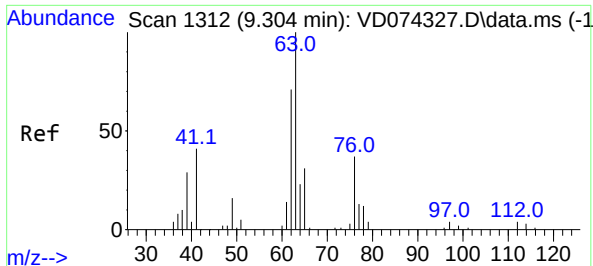
Delta R.T. 0.000 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Tgt Ion: 130	Resp: 55427
Ion Ratio	Lower Upper
130	100
95	97.3 0.0 202.2





#45

1,2-Dichloropropane

Concen: 55.956 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

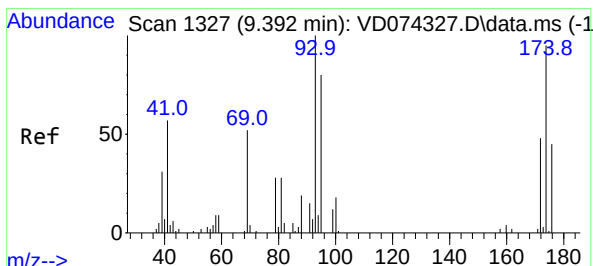
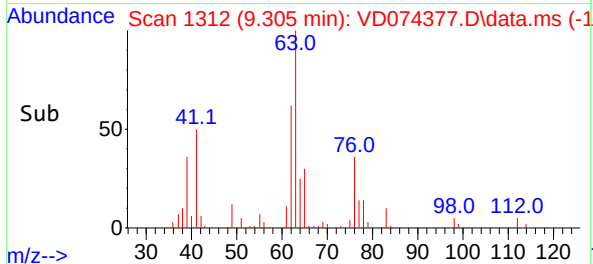
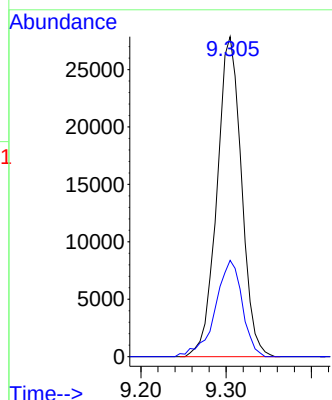
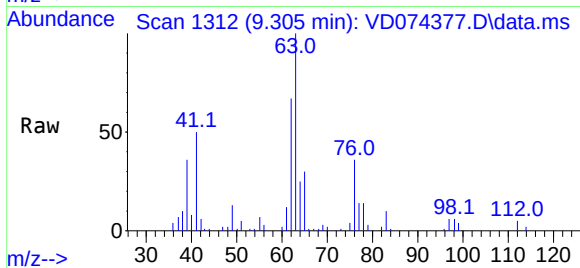
VSTDCCC050EC

Tgt Ion: 63 Resp: 55587

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#46

Dibromomethane

Concen: 55.817 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.001 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

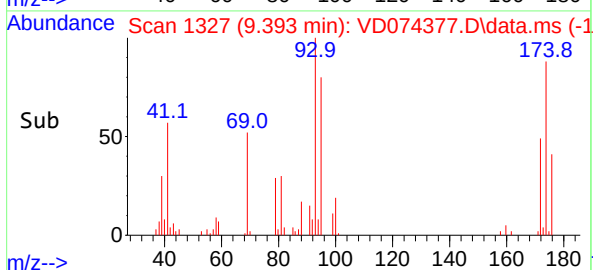
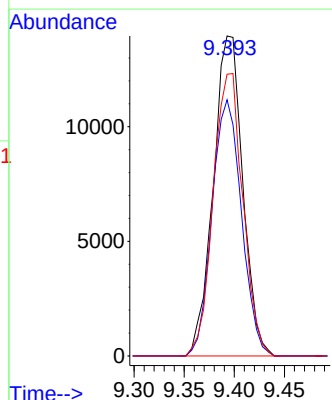
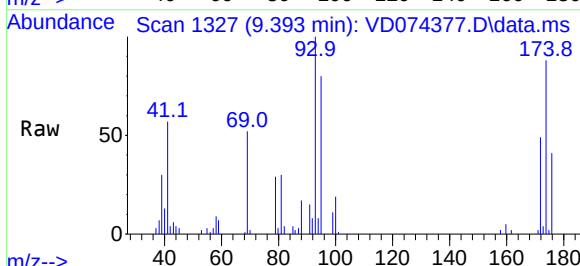
Tgt Ion: 93 Resp: 28522

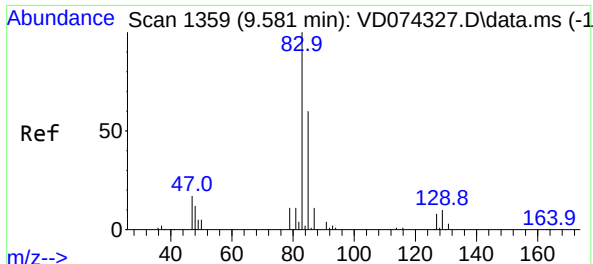
Ion Ratio Lower Upper

93 100

95 79.8 67.7 101.5

174 88.7 79.6 119.4

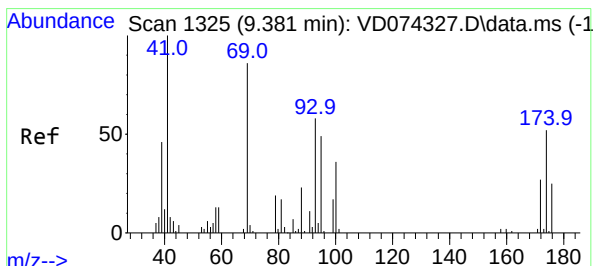
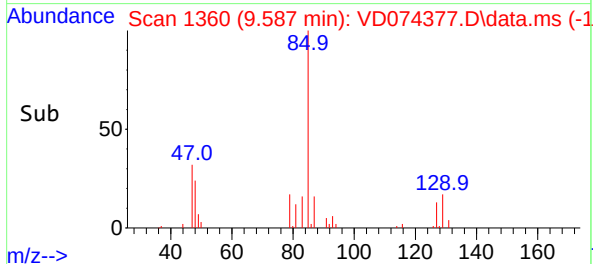
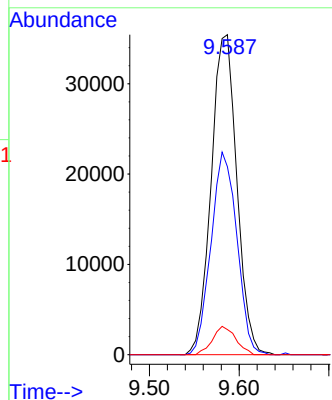
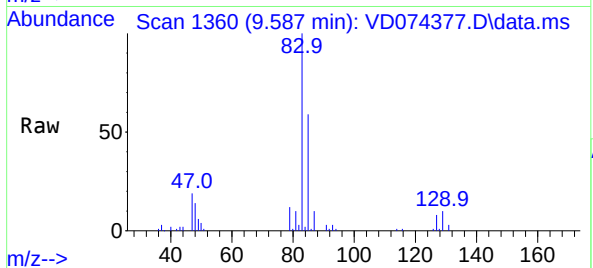




#47
Bromodichloromethane
Concen: 55.953 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

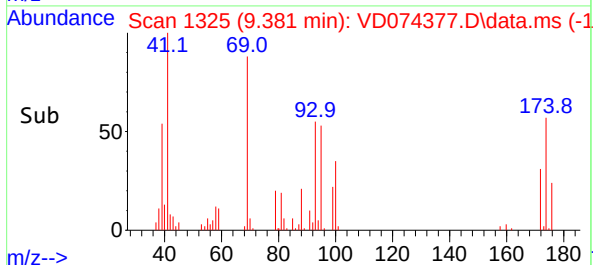
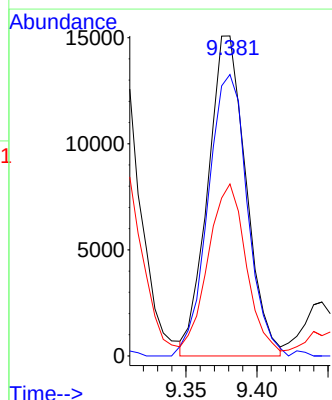
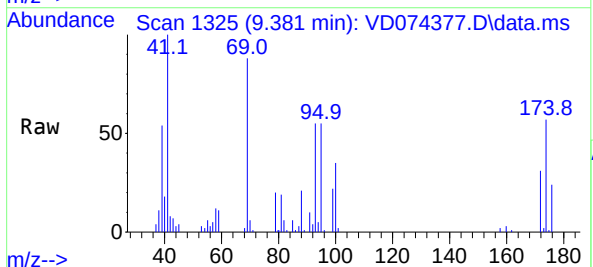
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

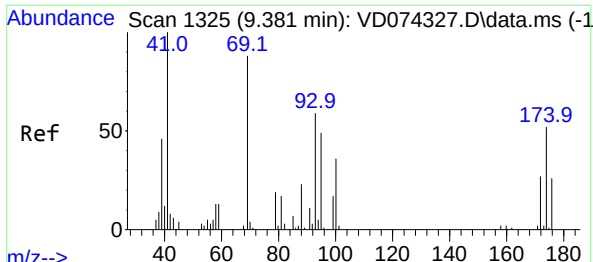
Tgt Ion: 83 Resp: 70423
Ion Ratio Lower Upper
83 100
85 58.7 53.4 80.2
127 7.8 6.9 10.3



#48
Methyl methacrylate
Concen: 55.969 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 41 Resp: 28202
Ion Ratio Lower Upper
41 100
69 91.0 72.7 109.1
39 51.1 41.6 62.4

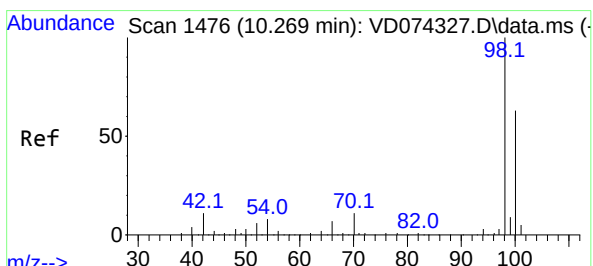
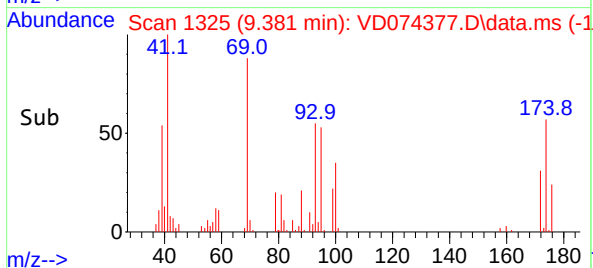
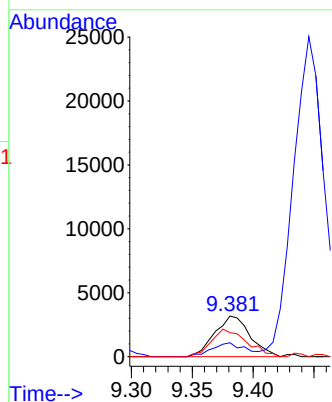
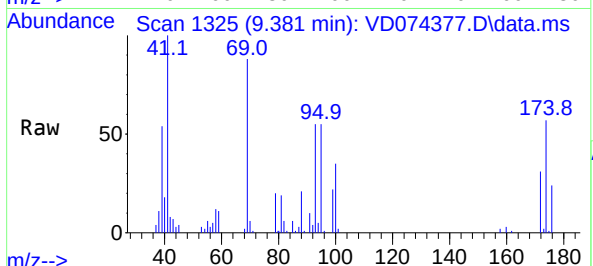




#49
1,4-Dioxane
Concen: 1143.945 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

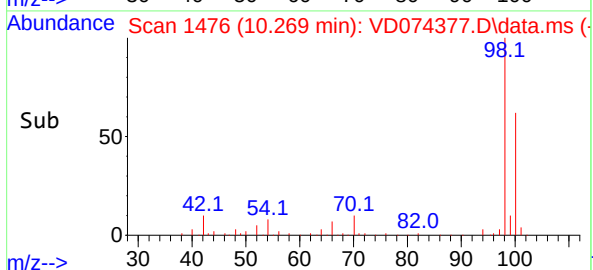
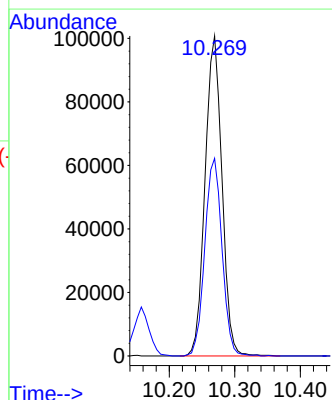
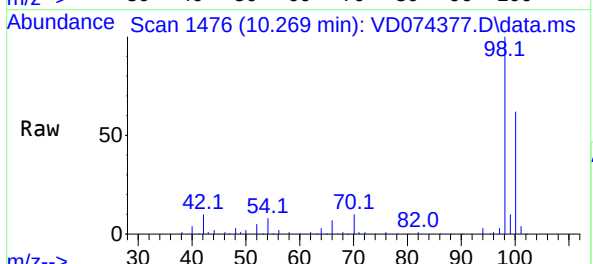
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

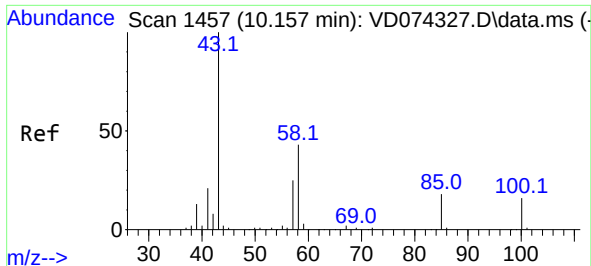
Tgt Ion: 88 Resp: 6397
Ion Ratio Lower Upper
88 100
43 33.1 27.0 40.4
58 68.3 54.2 81.2



#50
Toluene-d8
Concen: 56.722 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 98 Resp: 180624
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8

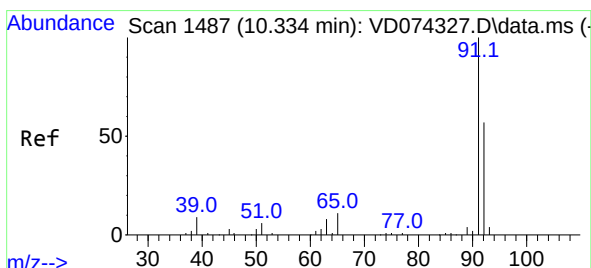
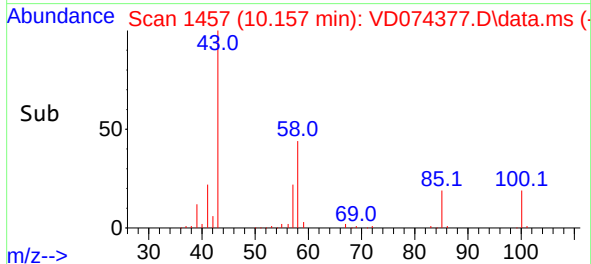
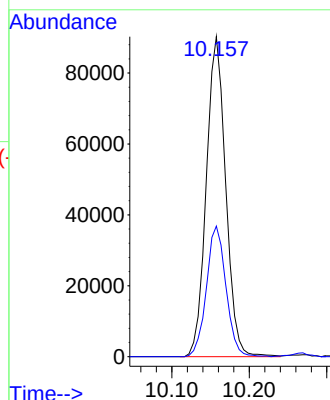
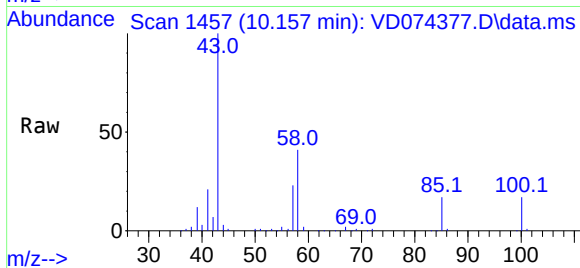




#51
4-Methyl-2-Pentanone
Concen: 286.901 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

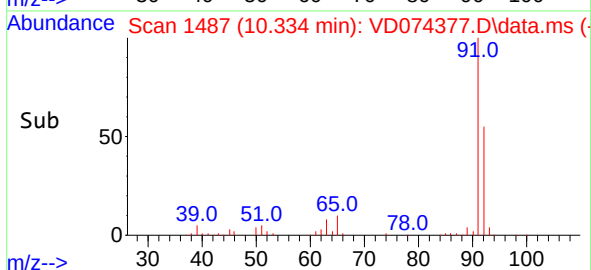
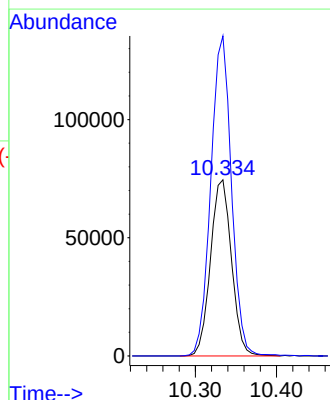
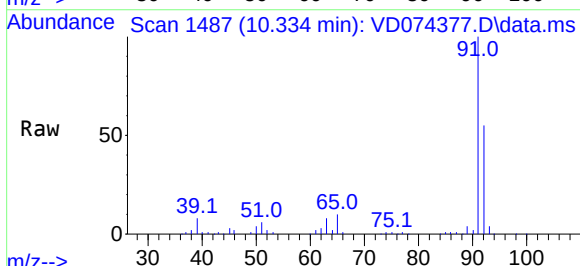
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

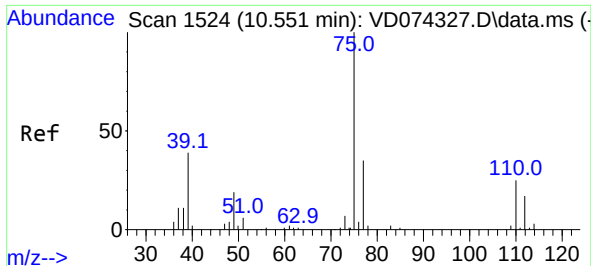
Tgt Ion: 43 Resp: 156953
Ion Ratio Lower Upper
43 100
58 41.1 33.3 49.9



#52
Toluene
Concen: 55.039 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 92 Resp: 133915
Ion Ratio Lower Upper
92 100
91 178.5 139.3 208.9

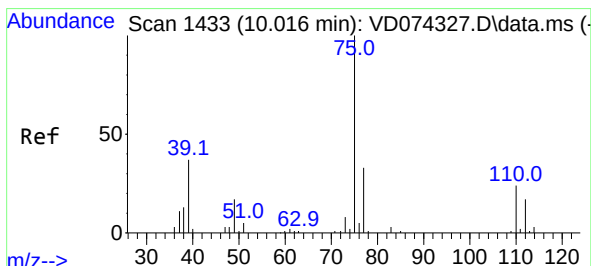
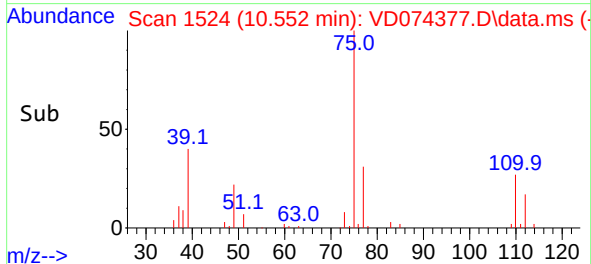
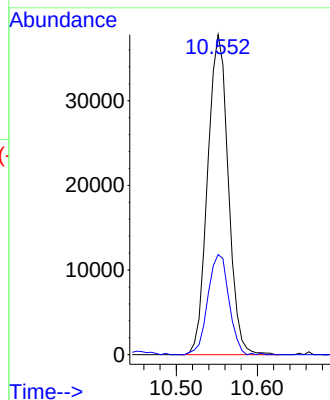
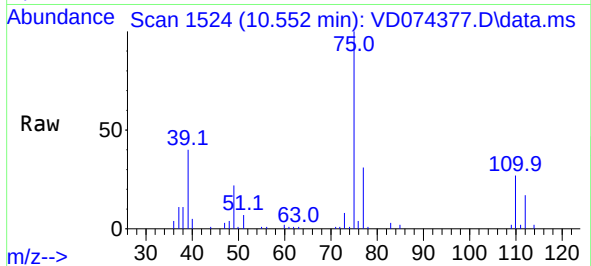




#53
t-1,3-Dichloropropene
Concen: 59.477 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

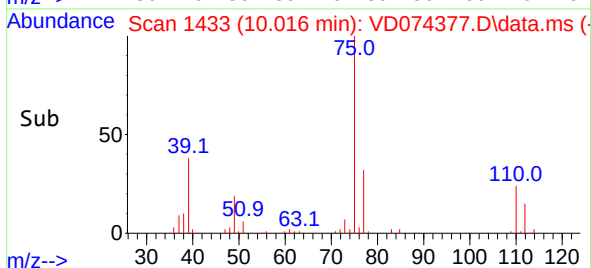
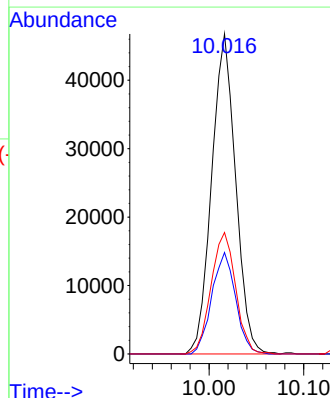
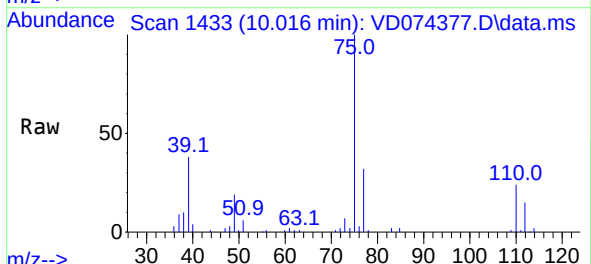
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

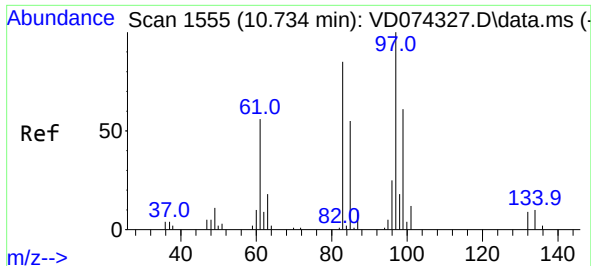
Tgt Ion: 75 Resp: 66787
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 56.519 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 75 Resp: 82110
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 37.9 31.6 47.4



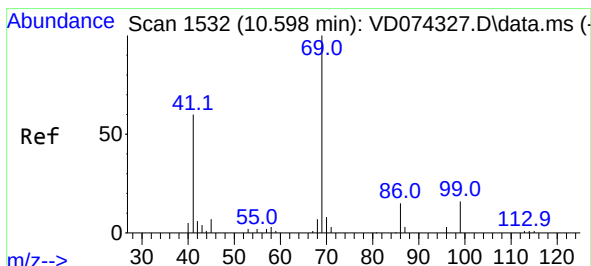
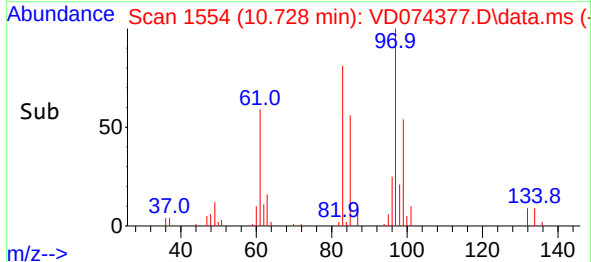
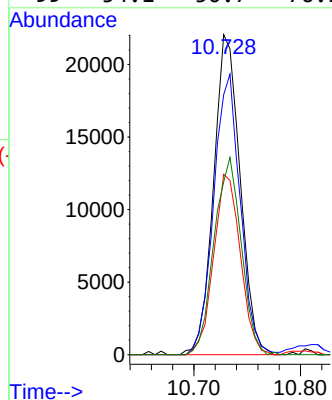
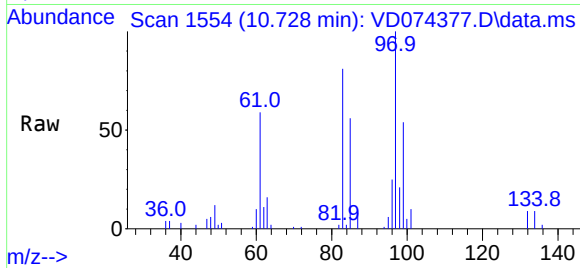


#55
1,1,2-Trichloroethane
Concen: 56.705 ug/l
RT: 10.728 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 38168

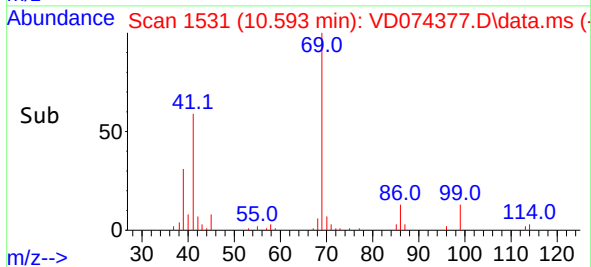
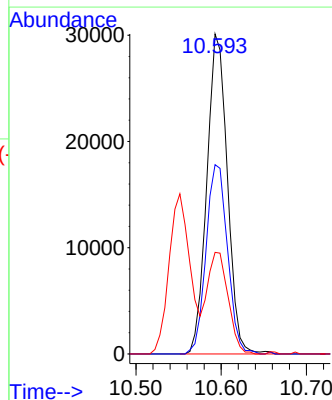
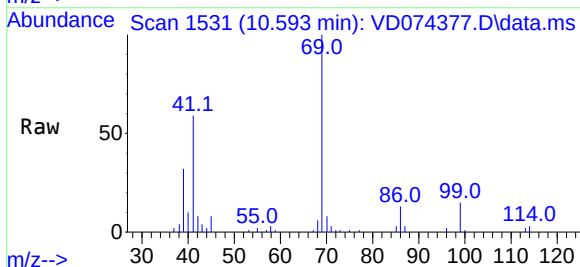
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.0	102.0
85	56.4	45.8	68.8
99	54.1	50.7	76.1

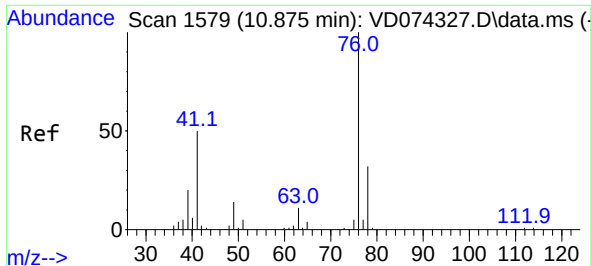


#56
Ethyl methacrylate
Concen: 57.245 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 69 Resp: 50475

Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.4	74.2
39	32.3	24.2	36.4





#57

1,3-Dichloropropane

Concen: 55.731 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

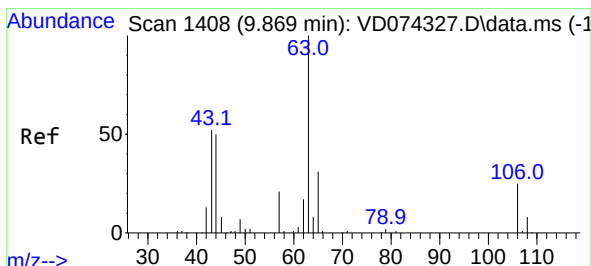
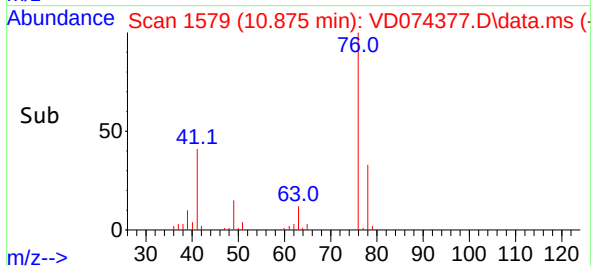
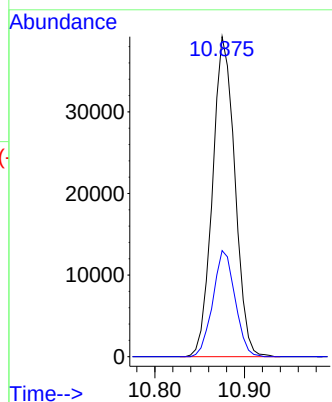
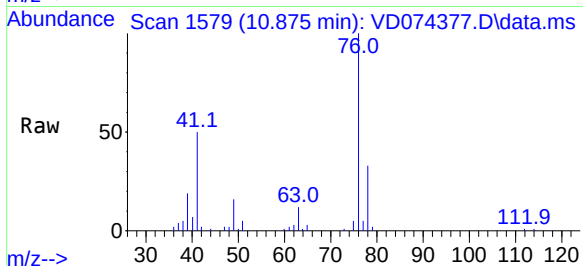
VSTDCCC050EC

Tgt Ion: 76 Resp: 67798

Ion Ratio Lower Upper

76 100

78 32.9 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 142.877 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074377.D

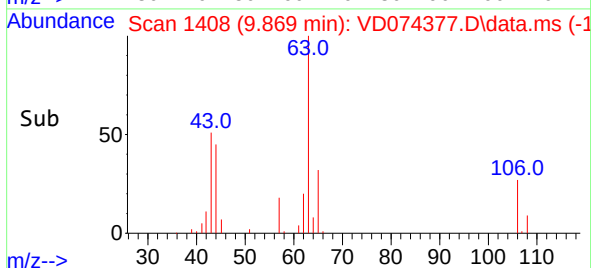
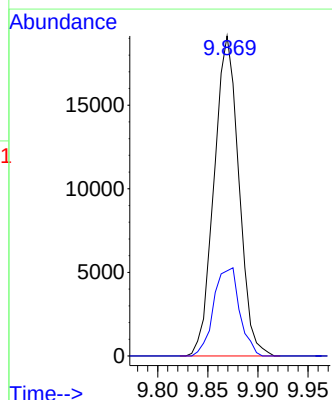
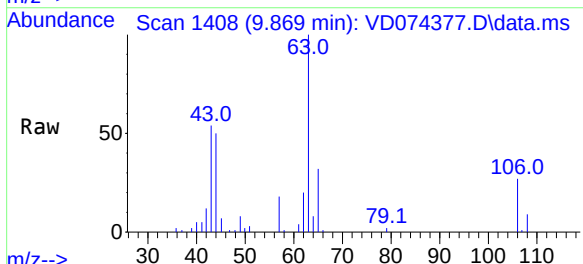
Acq: 20 Sep 2022 20:38

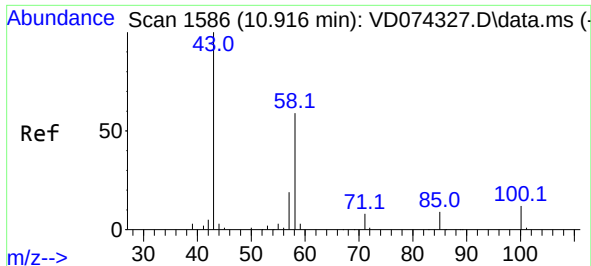
Tgt Ion: 63 Resp: 32865

Ion Ratio Lower Upper

63 100

106 28.8 21.9 32.9

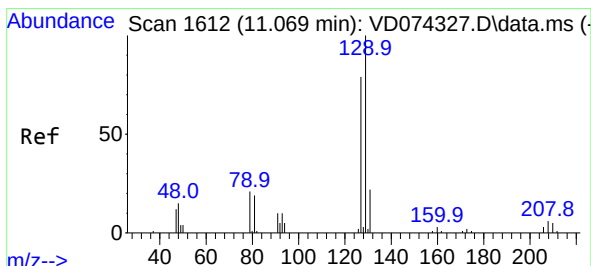
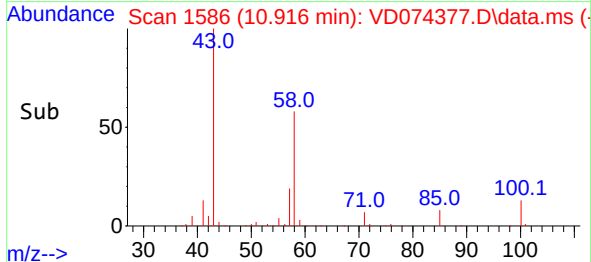
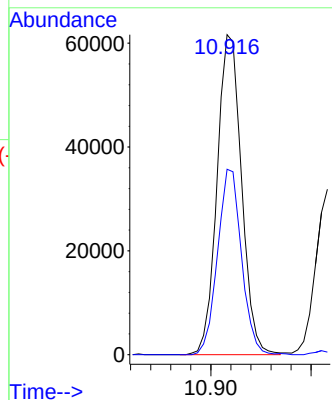
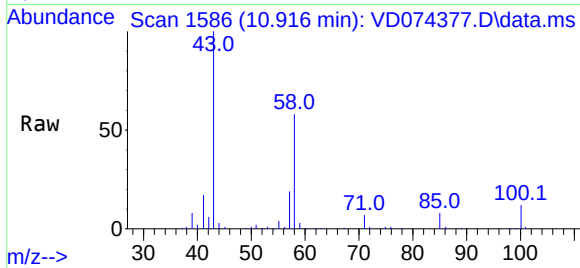




#59
2-Hexanone
Concen: 272.631 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

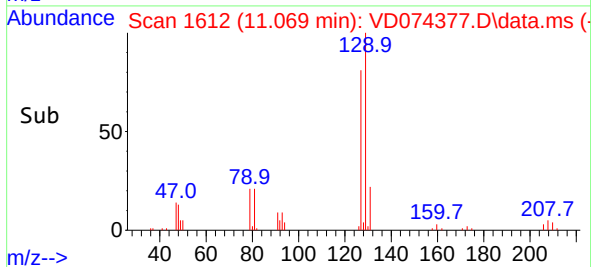
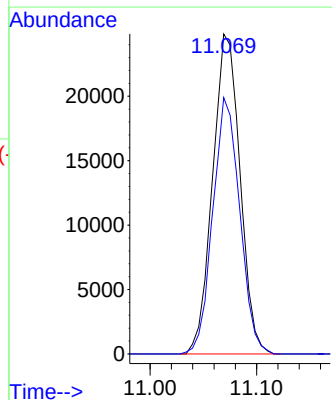
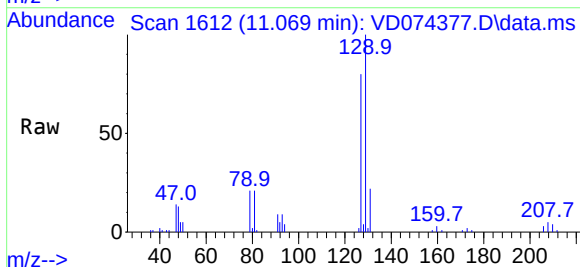
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

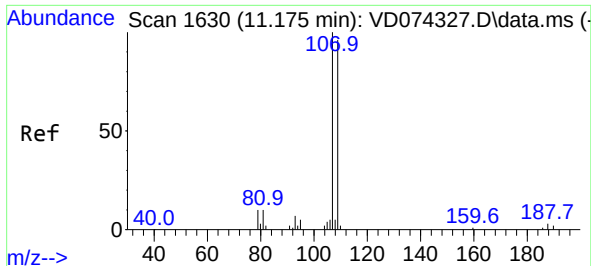
Tgt Ion: 43 Resp: 104323
Ion Ratio Lower Upper
43 100
58 56.8 28.6 85.8



#60
Dibromochloromethane
Concen: 55.072 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 129 Resp: 44390
Ion Ratio Lower Upper
129 100
127 78.6 39.0 116.9

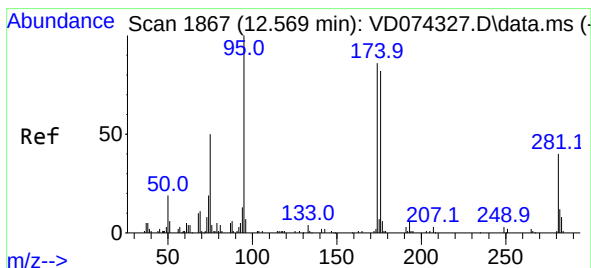
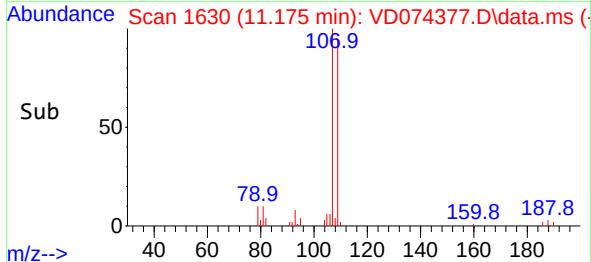
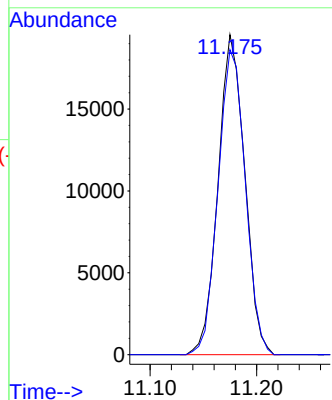
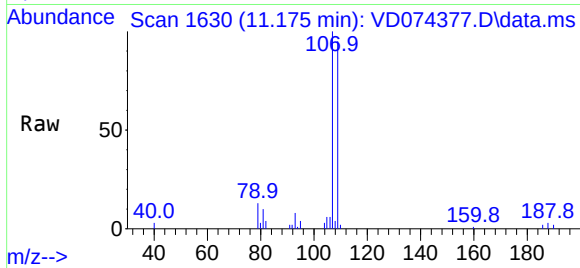




#61
1,2-Dibromoethane
Concen: 52.550 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

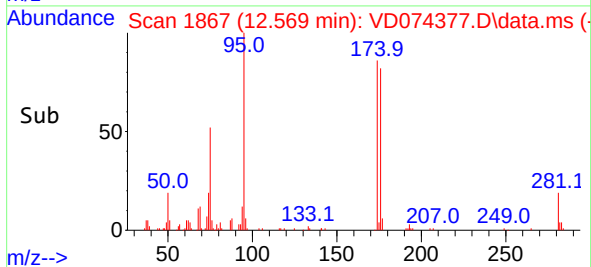
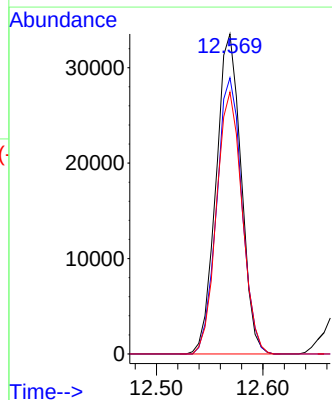
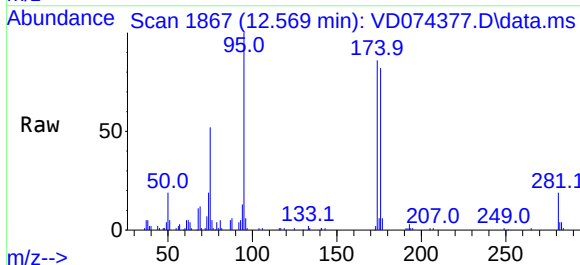
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

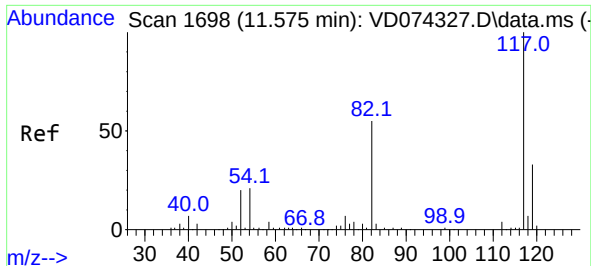
Tgt Ion:107 Resp: 33969
Ion Ratio Lower Upper
107 100
109 97.3 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 50.747 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 95 Resp: 54674
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.2
176 83.4 0.0 171.4



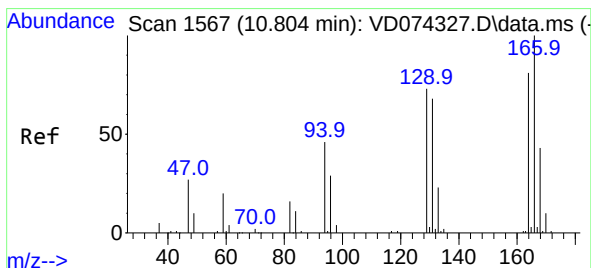
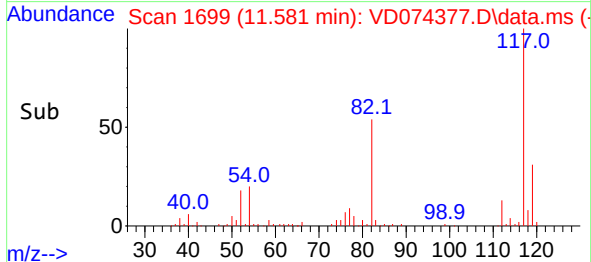
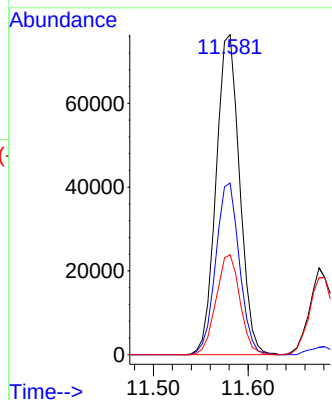
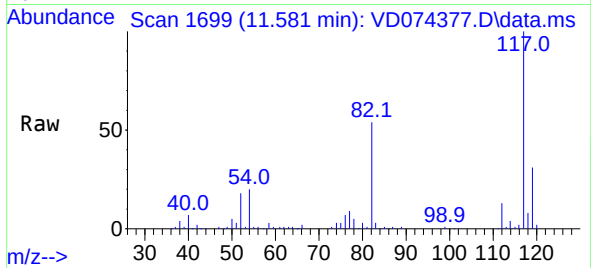


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 132156

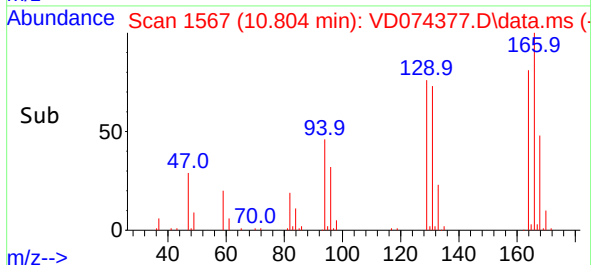
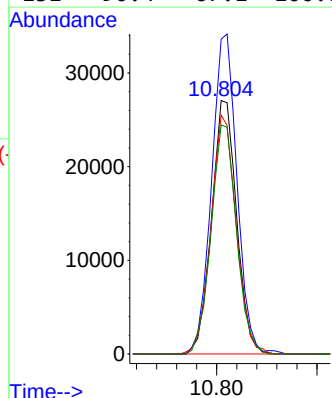
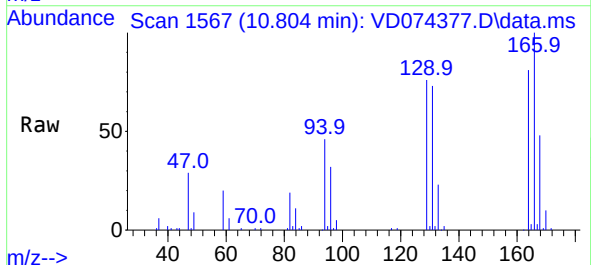
Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.2	66.2
119	31.2	25.4	38.0

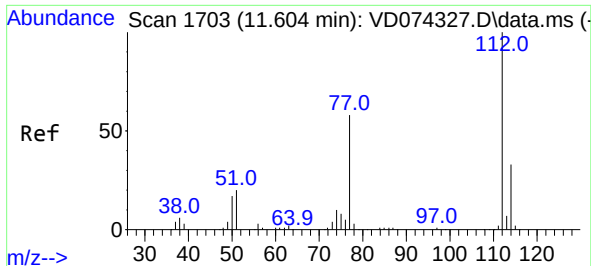


#64
Tetrachloroethene
Concen: 52.533 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:164 Resp: 47059

Ion	Ratio	Lower	Upper
164	100		
166	124.2	93.8	140.8
129	94.3	68.3	102.5
131	90.4	67.1	100.7

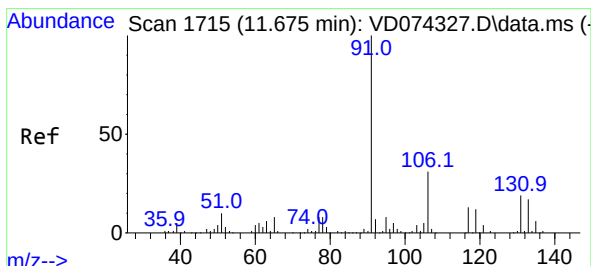
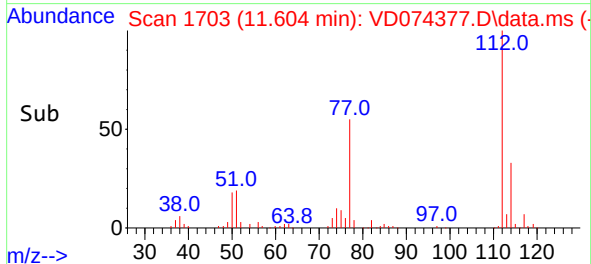
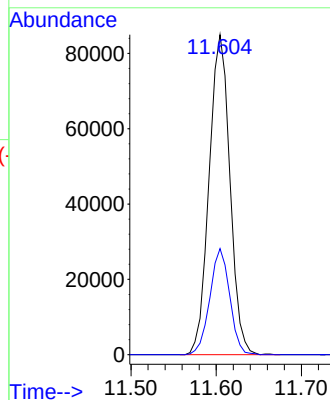
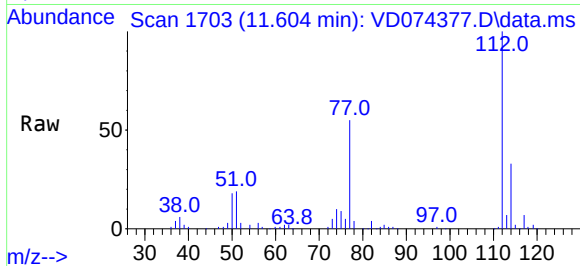




#65
Chlorobenzene
Concen: 52.937 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

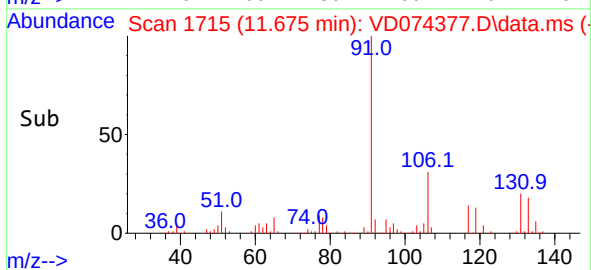
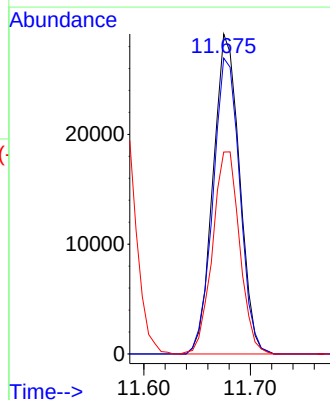
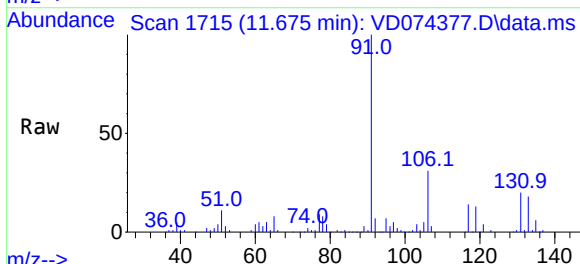
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

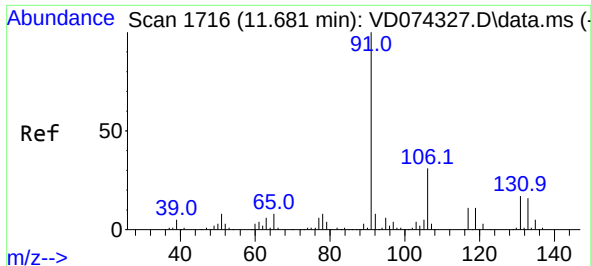
Tgt Ion:112 Resp: 144125
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.708 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:131 Resp: 50214
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.4
119 64.7 33.1 99.5

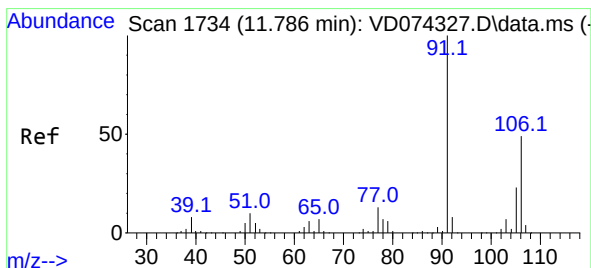
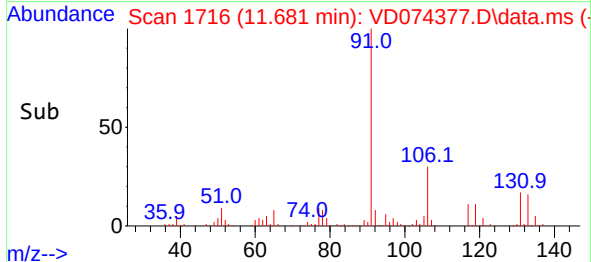
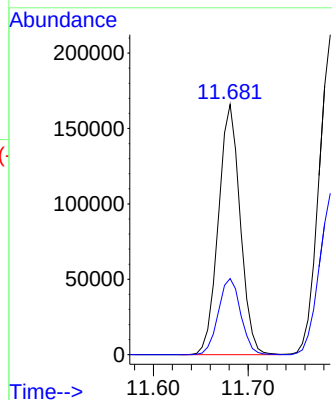
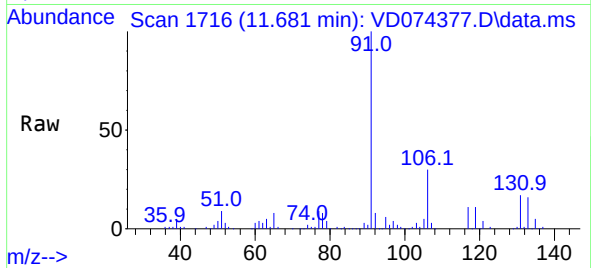




#67
Ethyl Benzene
Concen: 53.147 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

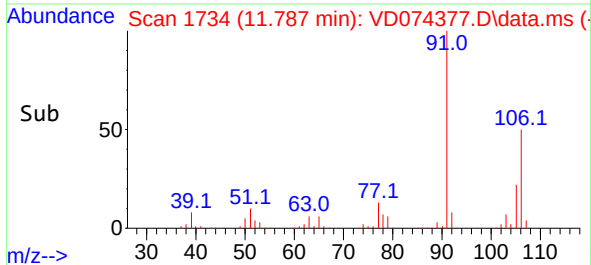
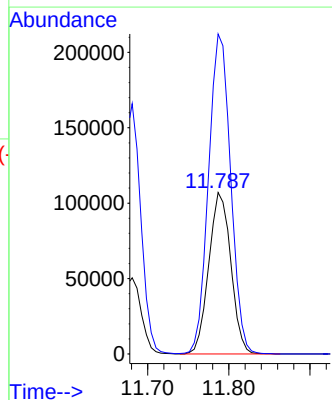
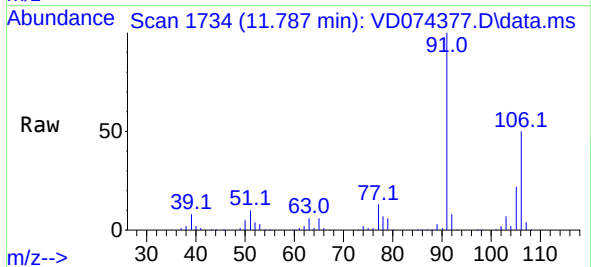
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

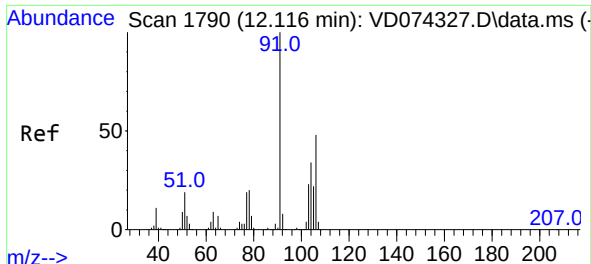
Tgt Ion: 91 Resp: 265459
Ion Ratio Lower Upper
91 100
106 30.4 24.8 37.2



#68
m/p-Xylenes
Concen: 105.483 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:106 Resp: 201820
Ion Ratio Lower Upper
106 100
91 199.2 158.6 237.8

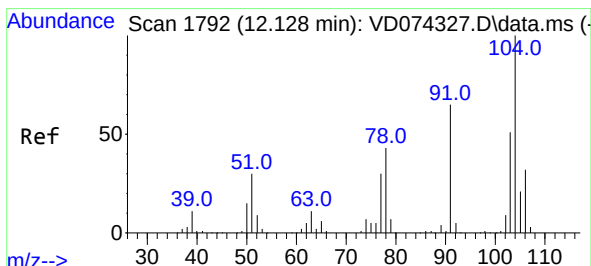
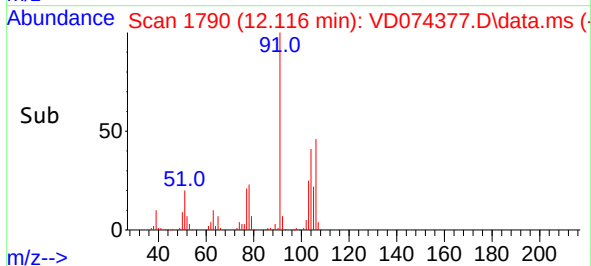
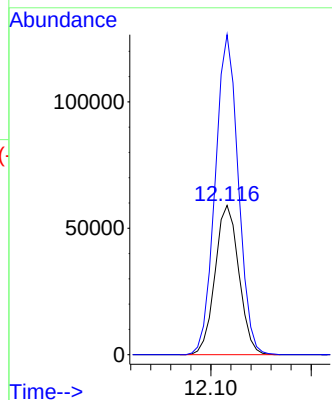
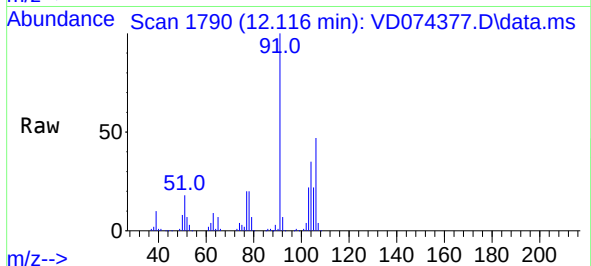




#69
o-Xylene
Concen: 55.630 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

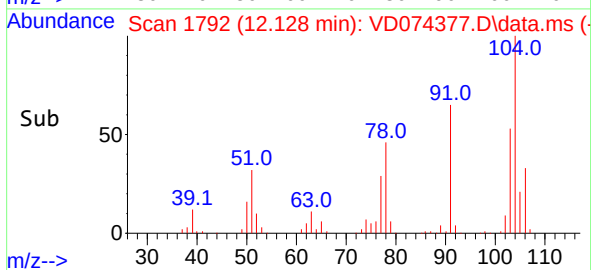
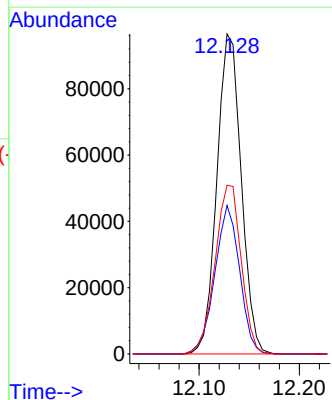
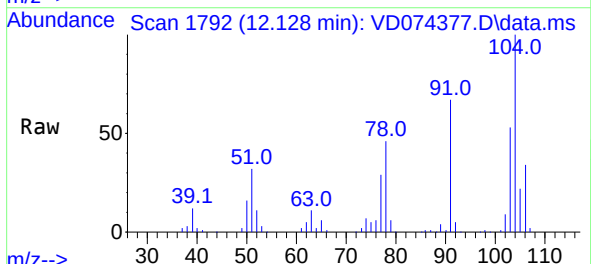
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

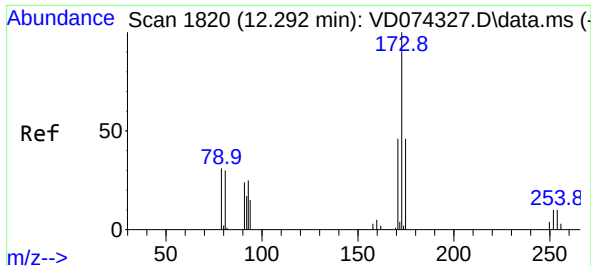
Tgt Ion:106 Resp: 97269
Ion Ratio Lower Upper
106 100
91 208.0 104.0 312.0



#70
Styrene
Concen: 54.663 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:104 Resp: 162780
Ion Ratio Lower Upper
104 100
78 47.4 38.4 57.6
103 56.8 44.1 66.1

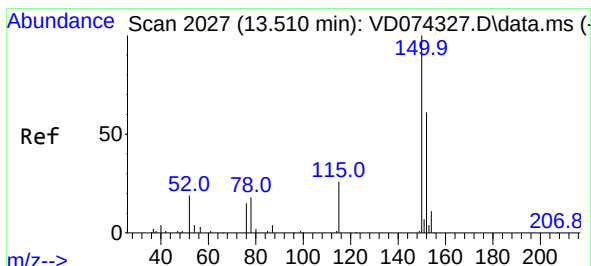
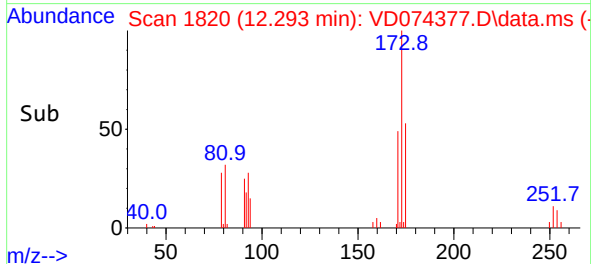
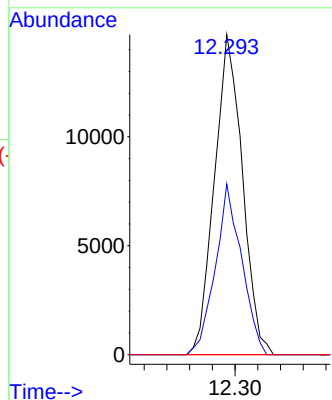
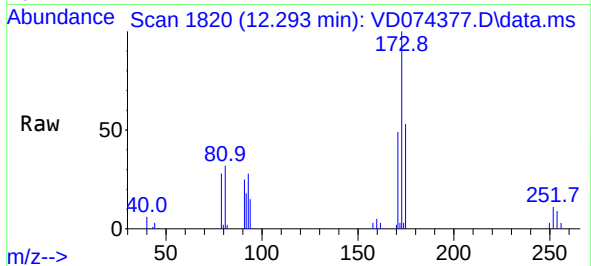




#71
Bromoform
Concen: 50.041 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

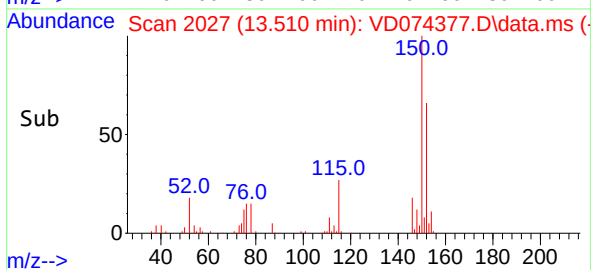
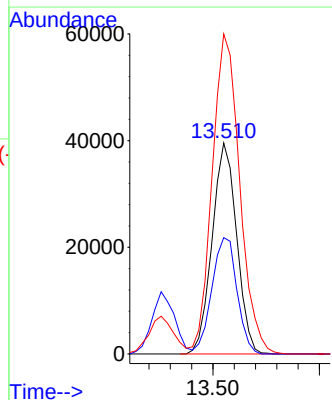
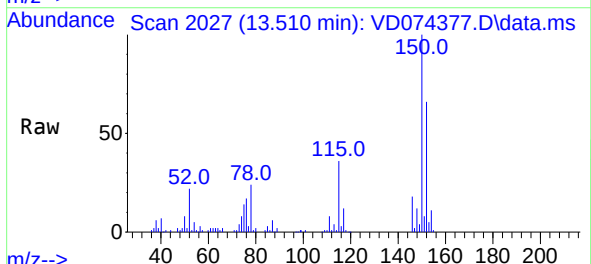
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

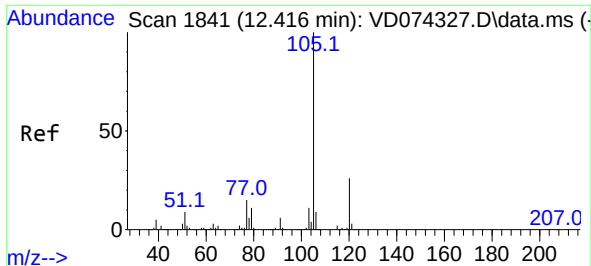
Tgt Ion:173 Resp: 25106
Ion Ratio Lower Upper
173 100
175 50.3 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:152 Resp: 63171
Ion Ratio Lower Upper
152 100
115 56.5 28.4 85.2
150 170.4 0.0 351.0

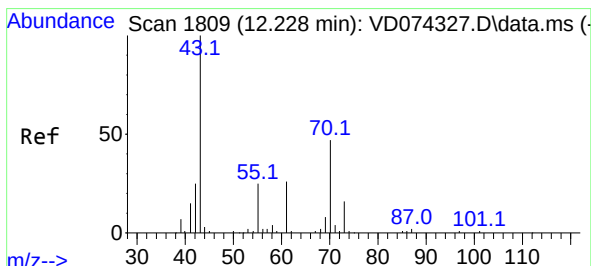
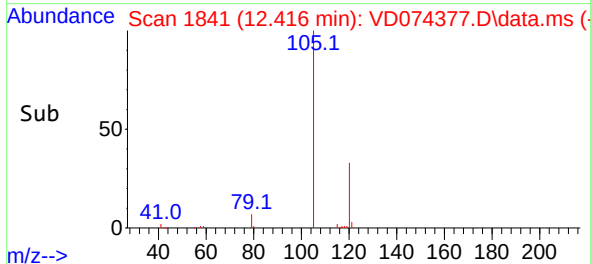
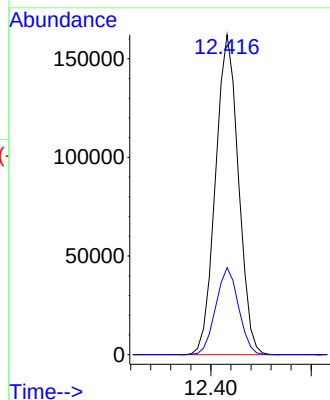
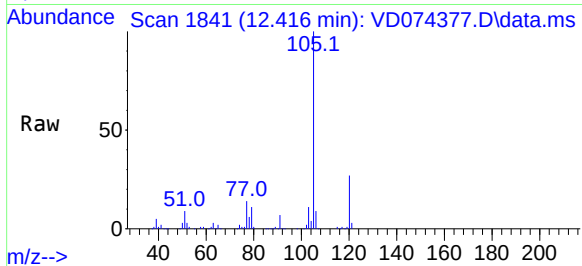




#73
Isopropylbenzene
Concen: 52.948 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

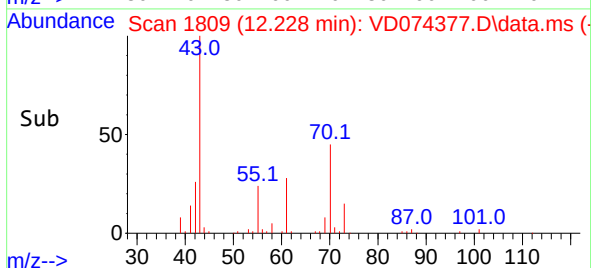
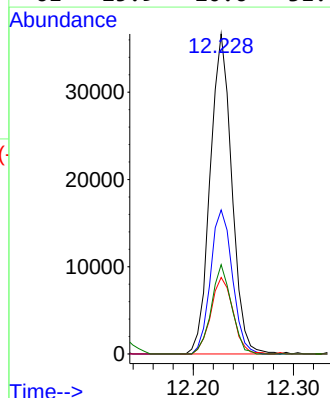
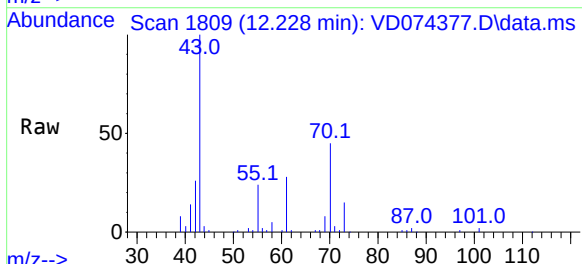
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

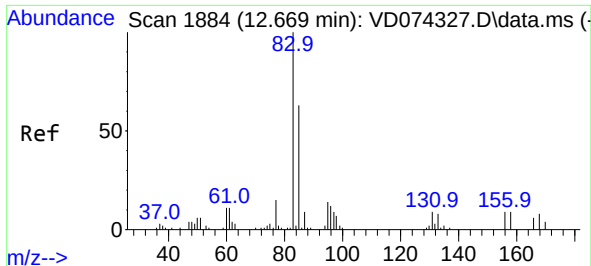
Tgt Ion:105 Resp: 257251
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6



#74
N-ethyl acetate
Concen: 51.269 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 43 Resp: 55049
Ion Ratio Lower Upper
43 100
70 45.4 34.6 51.8
55 24.5 18.2 27.2
61 25.9 20.6 31.0

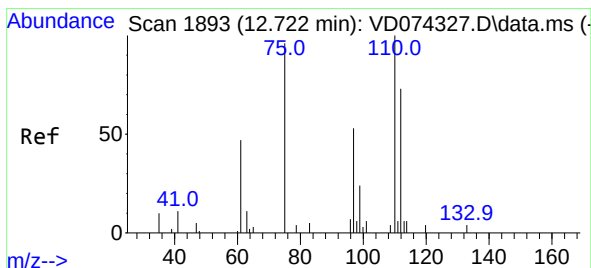
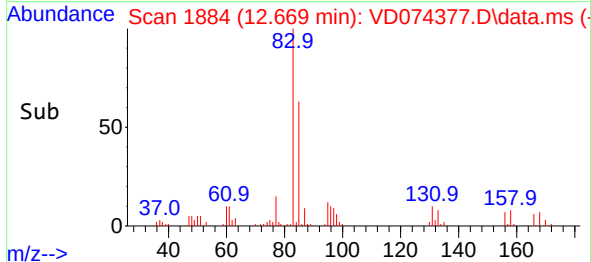
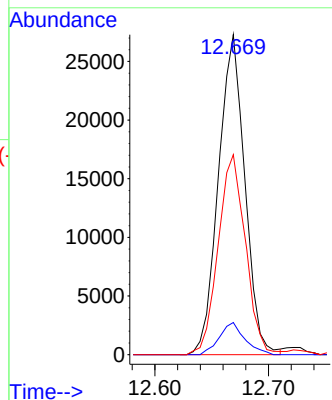
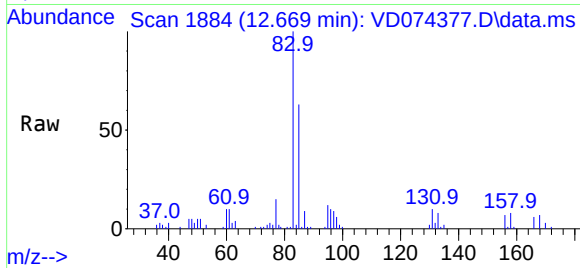




#75
1,1,2,2-Tetrachloroethane
Concen: 52.244 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

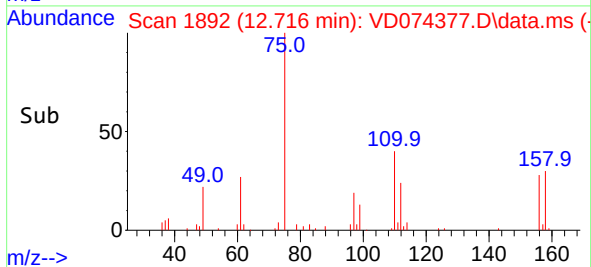
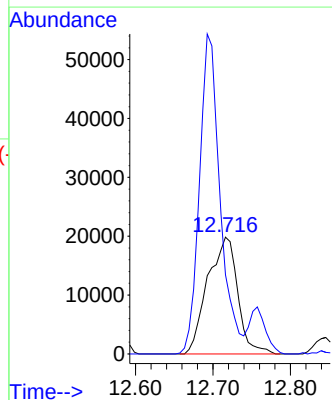
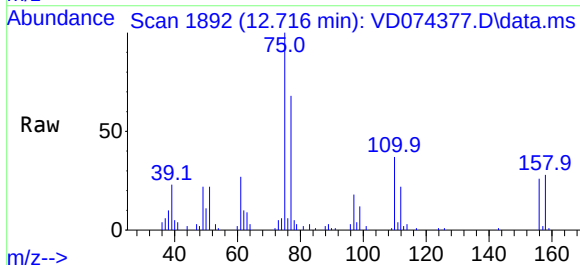
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

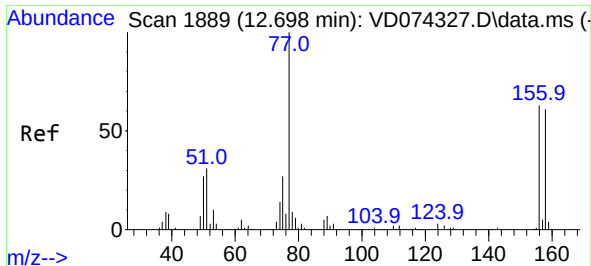
Tgt Ion: 83 Resp: 44103
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 64.5 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 91.388 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 75 Resp: 53414
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

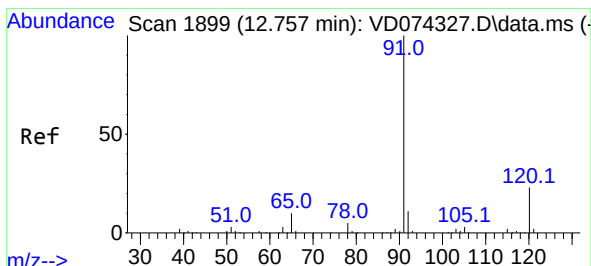
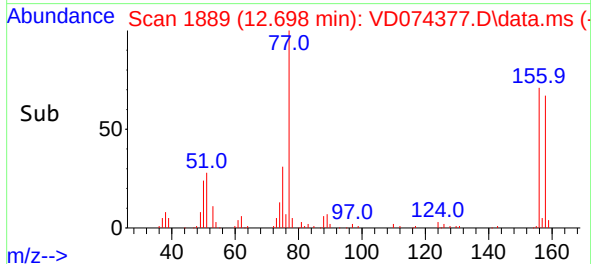
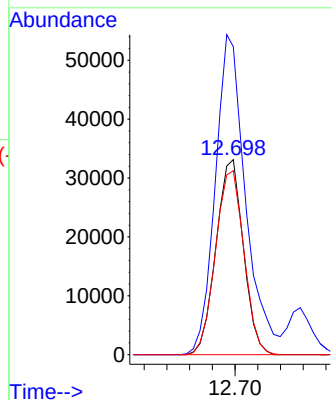
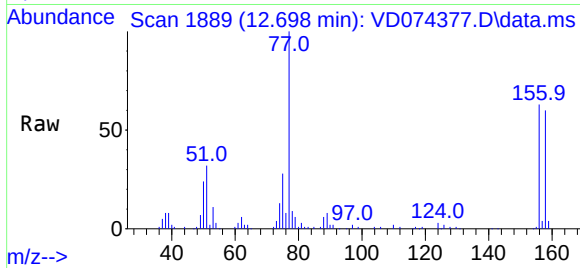




#77
Bromobenzene
Concen: 52.250 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

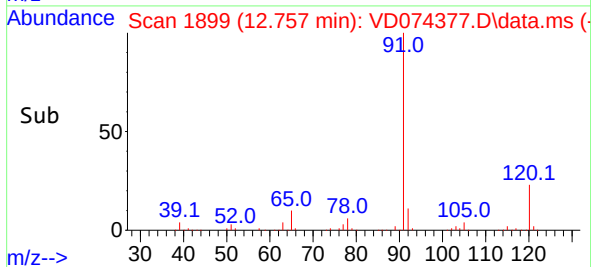
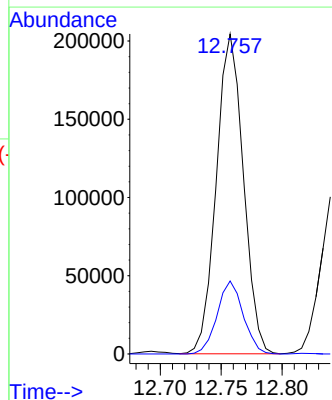
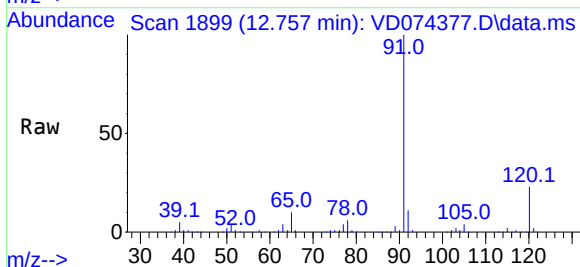
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

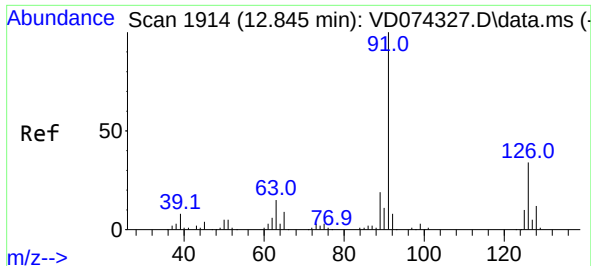
Tgt Ion:156 Resp: 55473
Ion Ratio Lower Upper
156 100
77 181.7 91.1 273.3
158 98.1 49.4 148.2



#78
n-propylbenzene
Concen: 52.379 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 91 Resp: 315685
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.7





#79

2-Chlorotoluene

Concen: 52.274 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

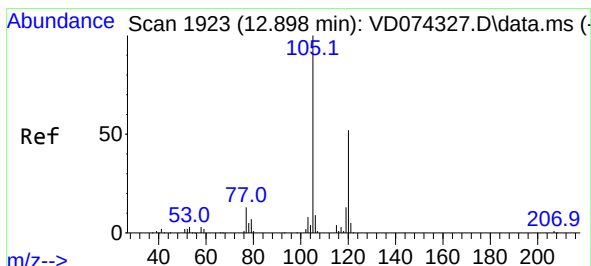
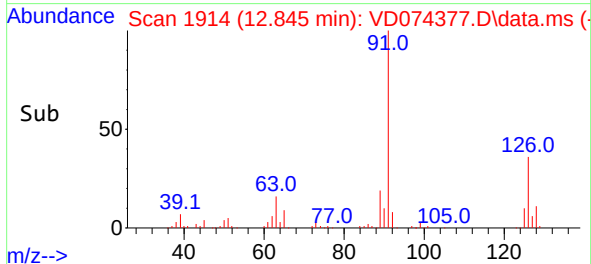
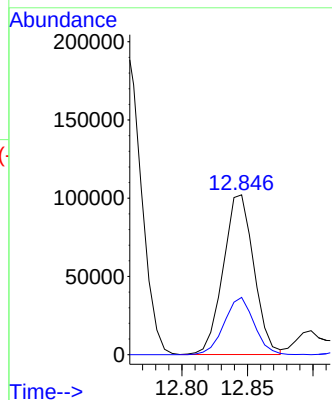
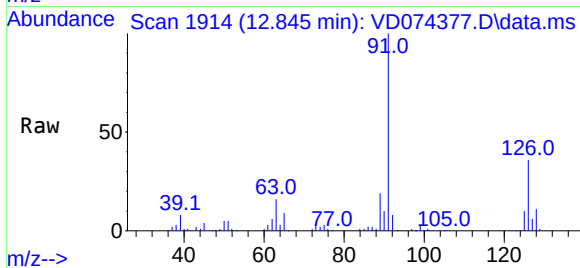
VSTDCCC050EC

Tgt Ion: 91 Resp: 166149

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 51.910 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VD074377.D

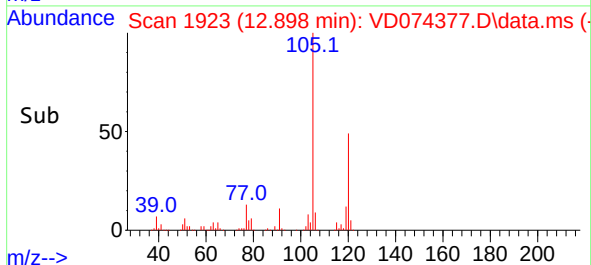
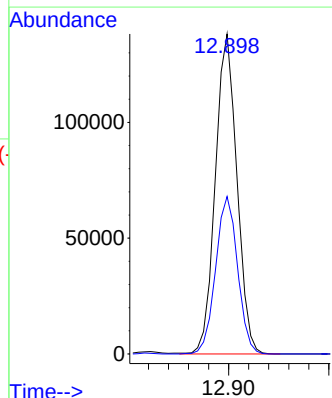
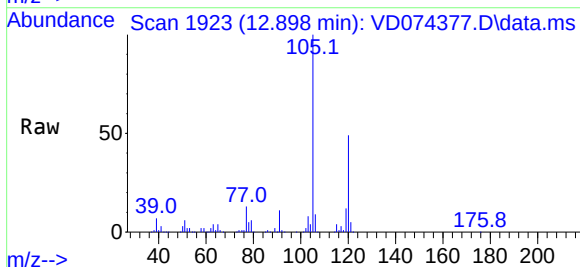
Acq: 20 Sep 2022 20:38

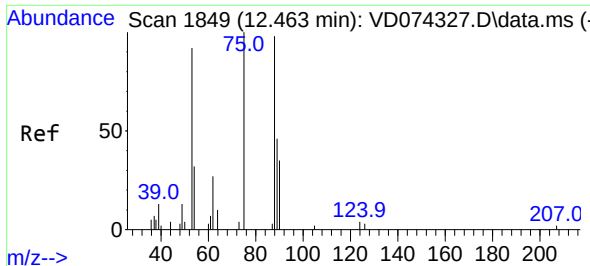
Tgt Ion: 105 Resp: 206227

Ion Ratio Lower Upper

105 100

120 50.1 24.6 74.0

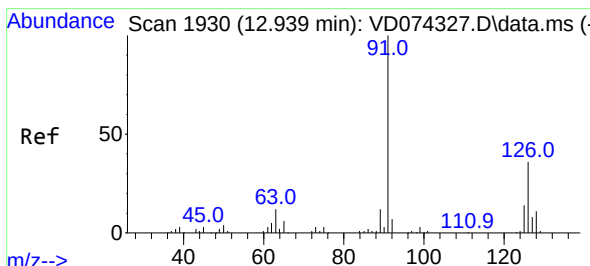
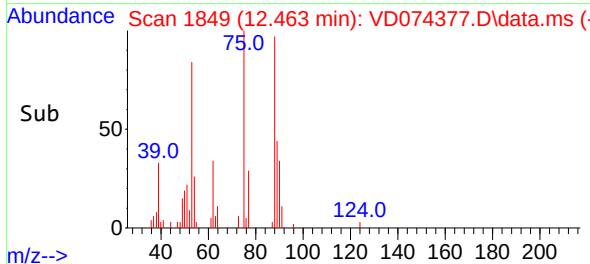
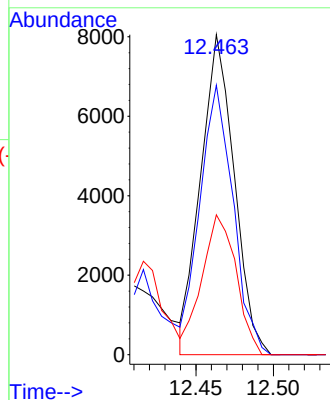
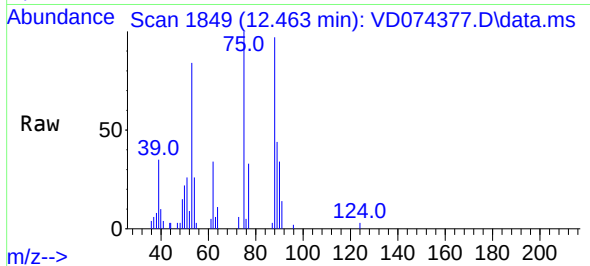




#81
trans-1,4-Dichloro-2-butene
Concen: 52.014 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

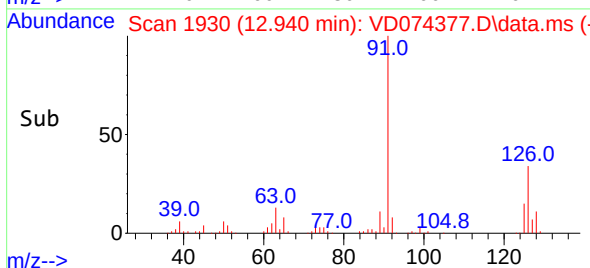
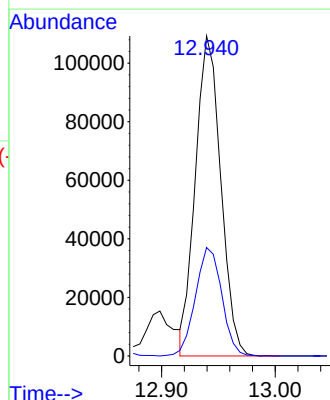
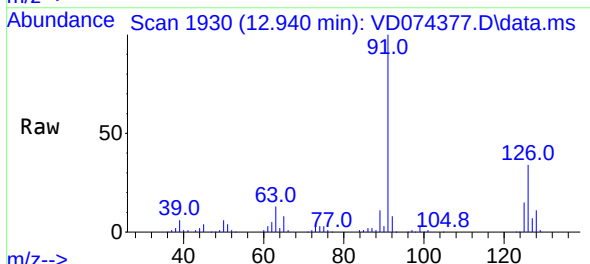
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

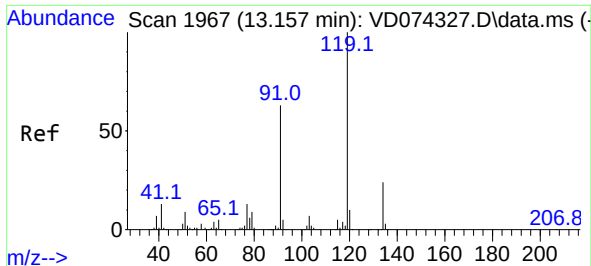
Tgt Ion: 75 Resp: 12130
Ion Ratio Lower Upper
75 100
53 83.3 0.0 0.0#
89 44.6 0.0 0.0#



#82
4-Chlorotoluene
Concen: 51.391 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion: 91 Resp: 169390
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6

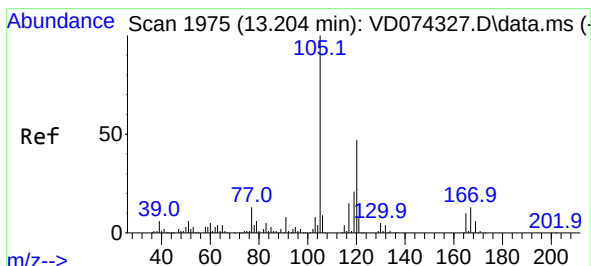
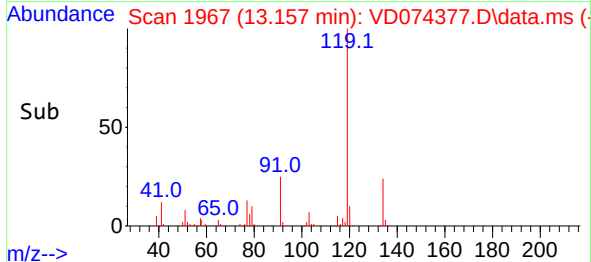
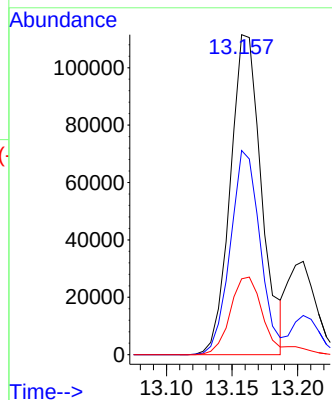
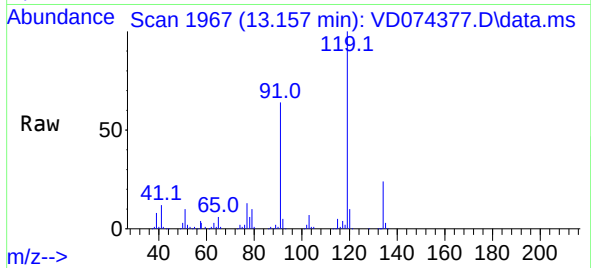




#83
tert-Butylbenzene
Concen: 52.423 ug/l
RT: 13.157 min Scan# 1967
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

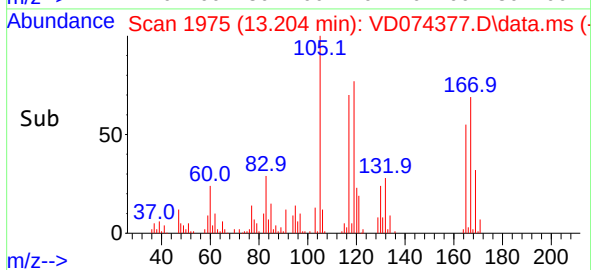
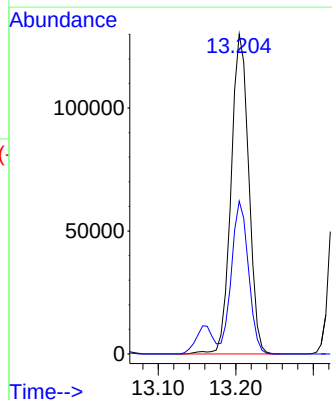
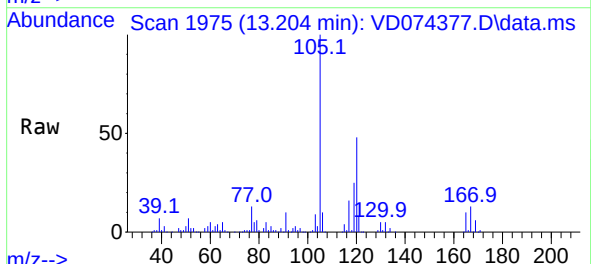
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

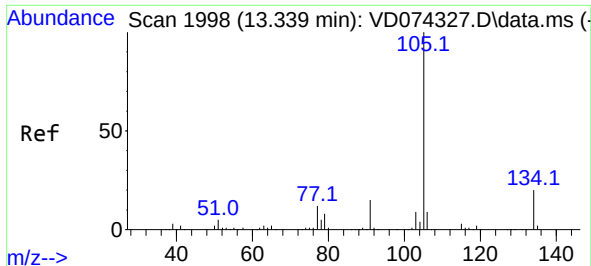
Tgt Ion:119 Resp: 184685
Ion Ratio Lower Upper
119 100
91 61.0 31.3 93.9
134 26.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 52.756 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:105 Resp: 206197
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3

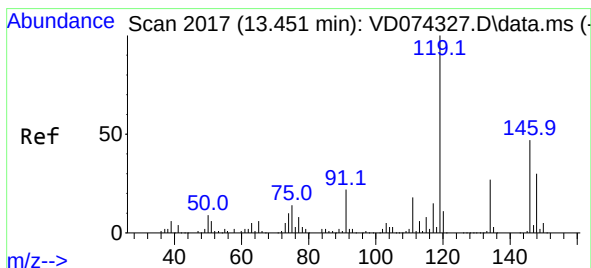
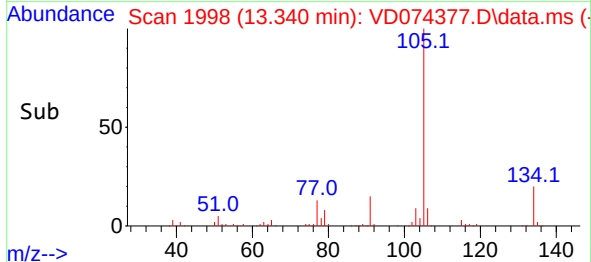
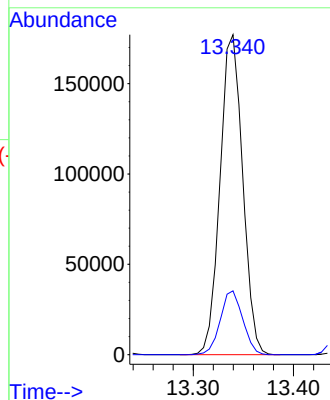
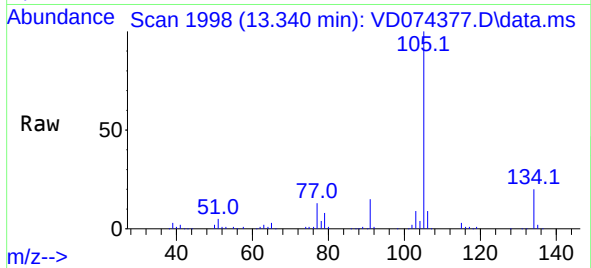




#85
sec-Butylbenzene
Concen: 52.961 ug/l
RT: 13.340 min Scan# 1998
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

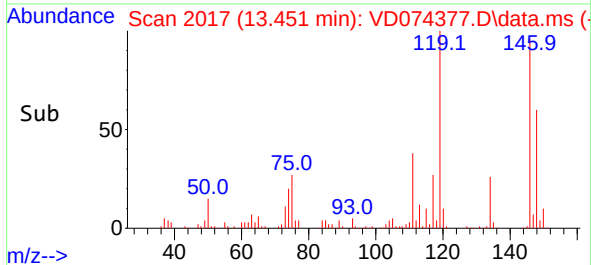
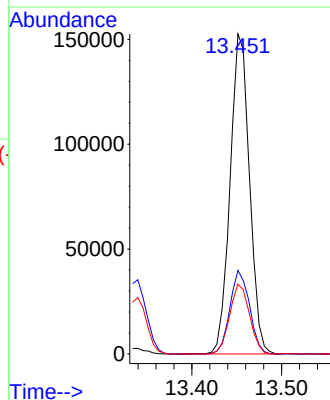
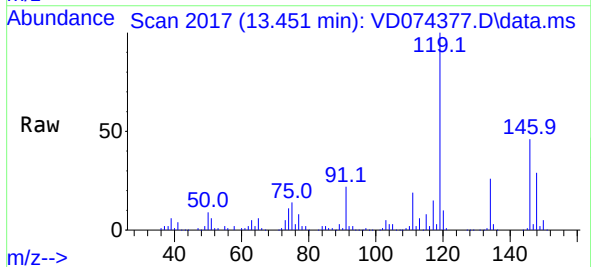
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

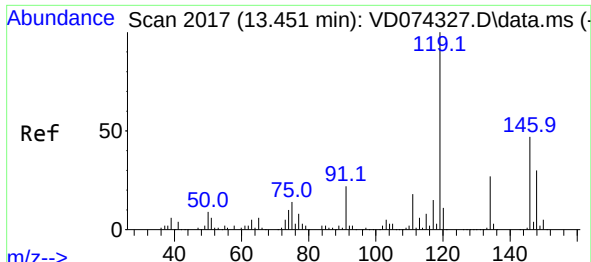
Tgt Ion:105 Resp: 276873
Ion Ratio Lower Upper
105 100
134 19.8 10.0 29.8



#86
p-Isopropyltoluene
Concen: 52.348 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:119 Resp: 228712
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.3
91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 51.503 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

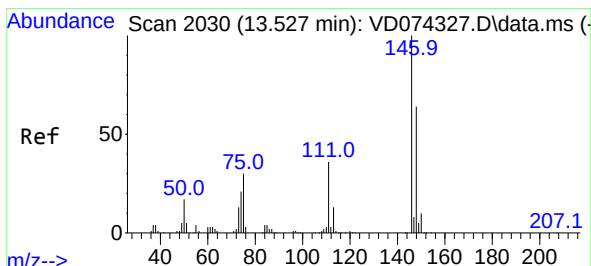
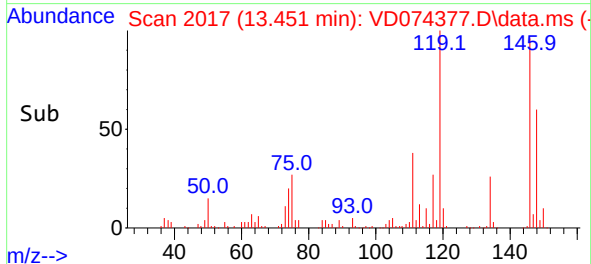
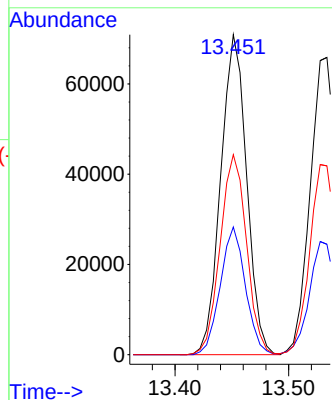
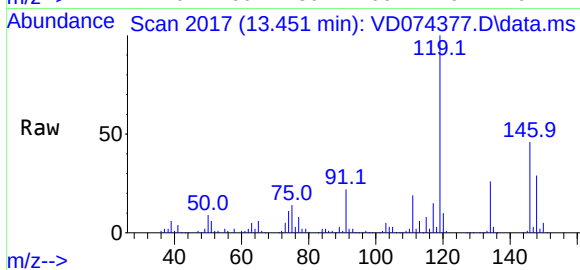
Tgt Ion:146 Resp: 112399

Ion Ratio Lower Upper

146 100

111 38.8 18.1 54.4

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.431 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.007 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

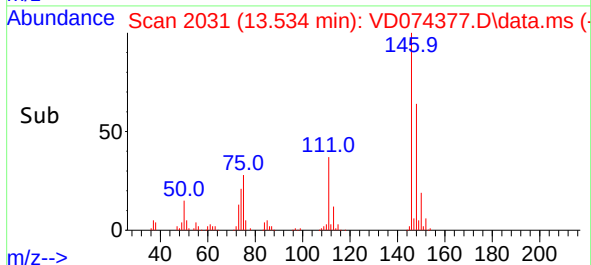
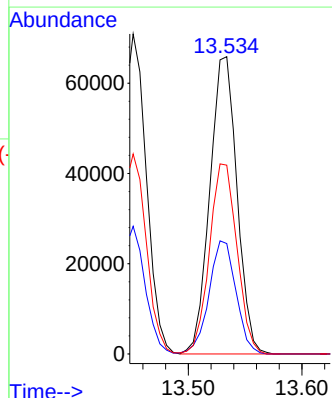
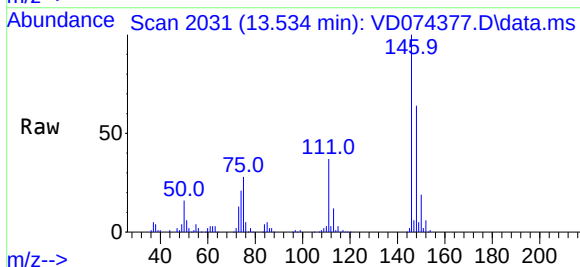
Tgt Ion:146 Resp: 109696

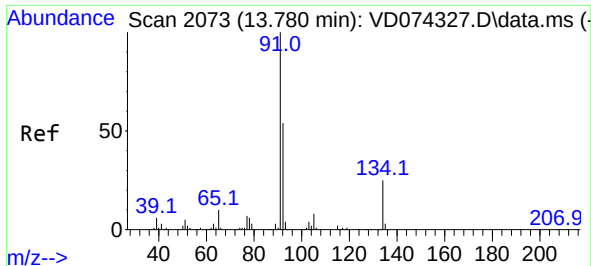
Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.2

148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 52.000 ug/l

RT: 13.781 min Scan# 2073

Delta R.T. 0.001 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

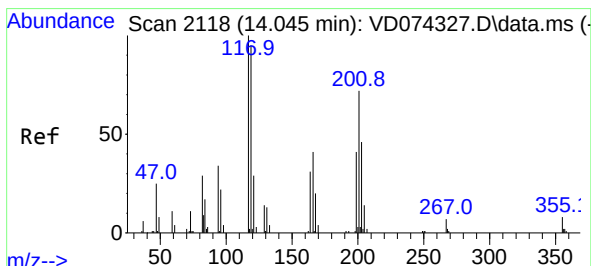
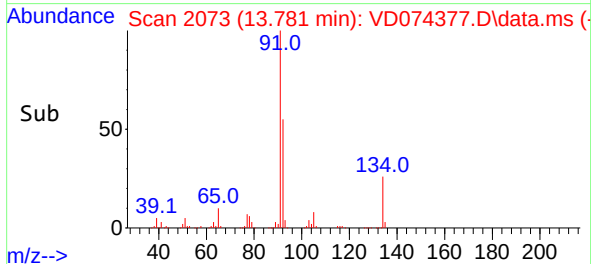
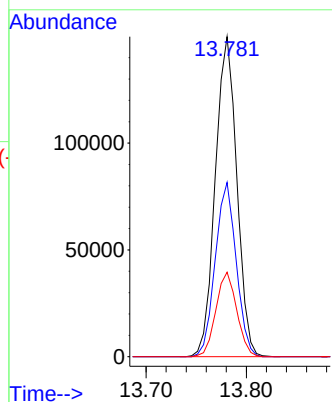
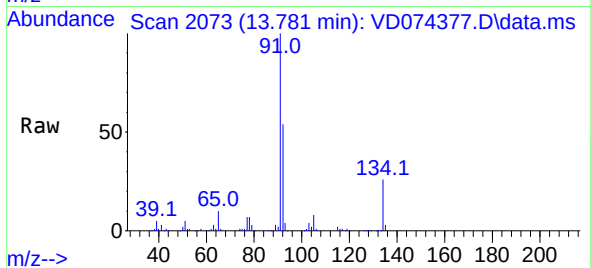
Tgt Ion: 91 Resp: 222519

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 25.6 13.1 39.1



#90

Hexachloroethane

Concen: 42.087 ug/l

RT: 14.045 min Scan# 2118

Delta R.T. 0.000 min

Lab File: VD074377.D

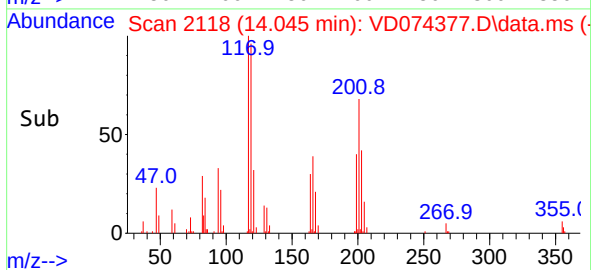
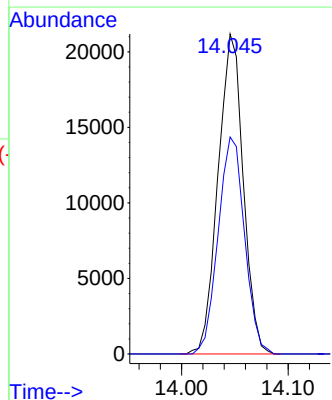
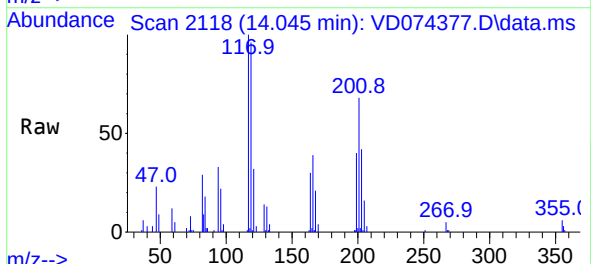
Acq: 20 Sep 2022 20:38

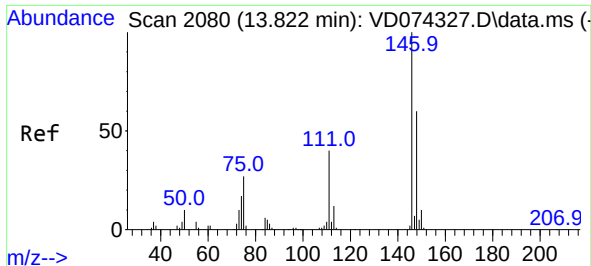
Tgt Ion: 117 Resp: 34705

Ion Ratio Lower Upper

117 100

201 71.2 38.0 113.9

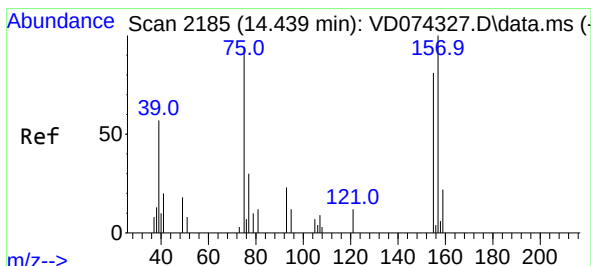
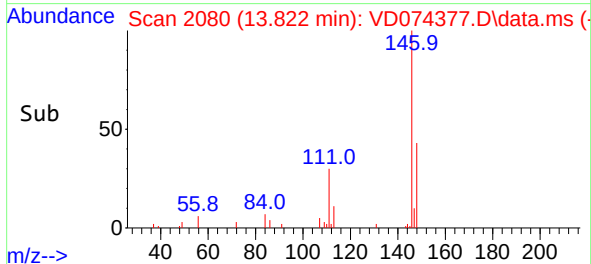
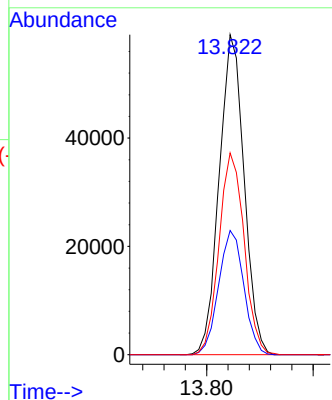
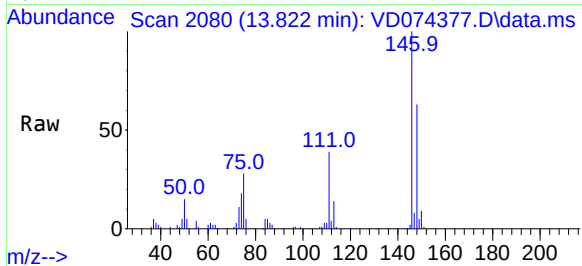




#91
1,2-Dichlorobenzene
Concen: 52.108 ug/l
RT: 13.822 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

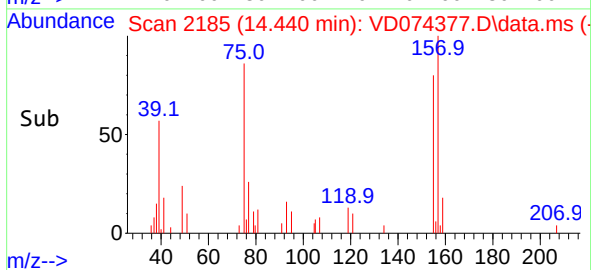
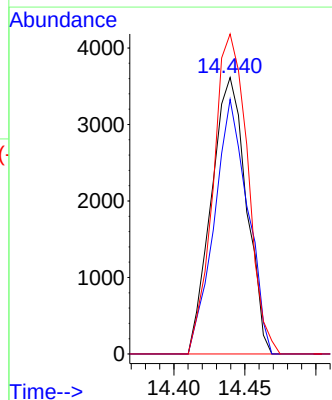
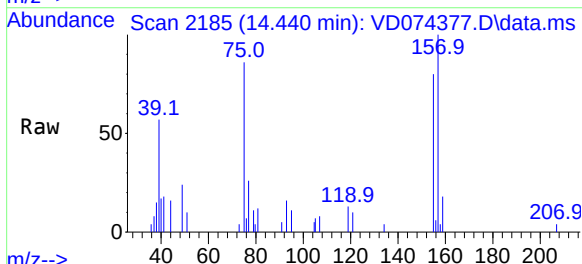
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

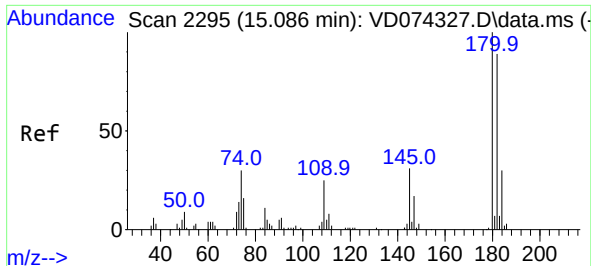
Tgt Ion:	146	Resp:	95883
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.4
148	63.4	31.5	94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.448 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. 0.001 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:	75	Resp:	6205
Ion	Ratio	Lower	Upper
75	100		
155	88.0	49.2	147.6
157	113.9	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 51.691 ug/l

RT: 15.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

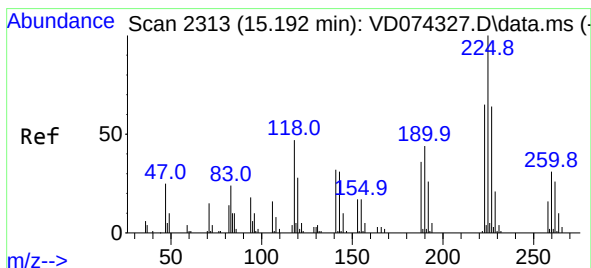
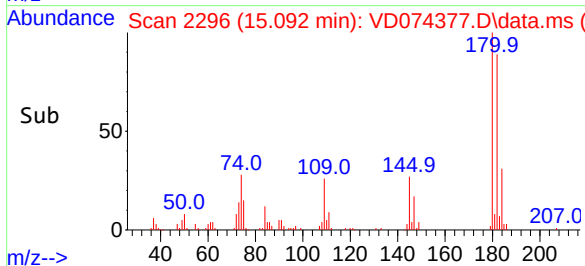
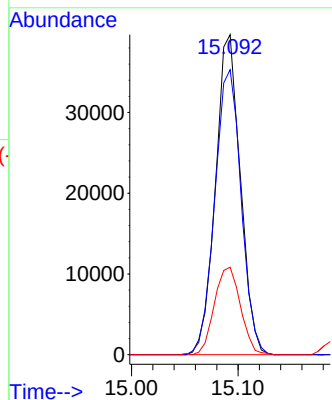
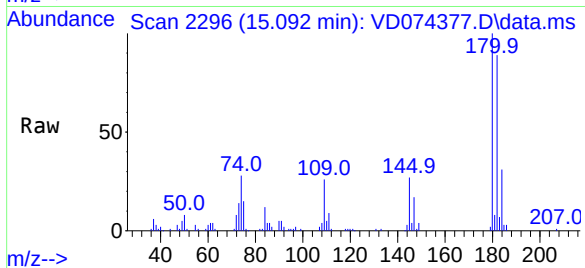
Tgt Ion:180 Resp: 64163

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 28.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 52.490 ug/l

RT: 15.192 min Scan# 2313

Delta R.T. 0.000 min

Lab File: VD074377.D

Acq: 20 Sep 2022 20:38

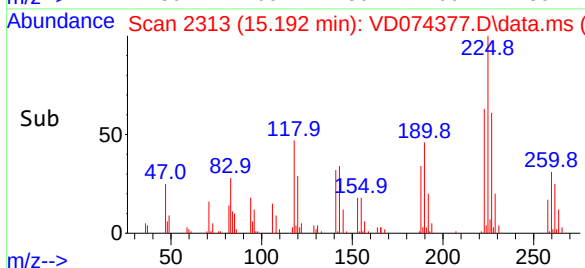
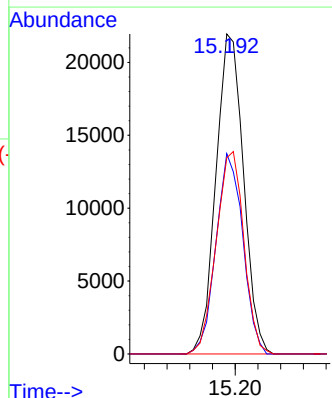
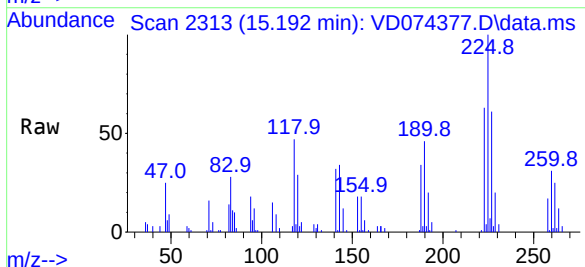
Tgt Ion:225 Resp: 37016

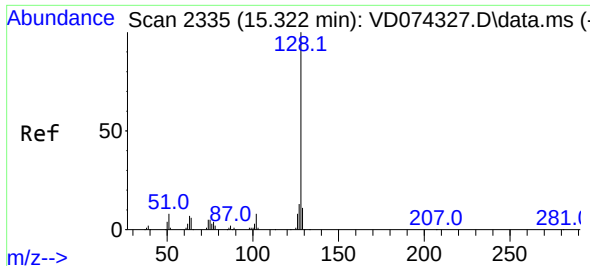
Ion Ratio Lower Upper

225 100

223 60.9 32.4 97.0

227 63.4 32.7 98.1

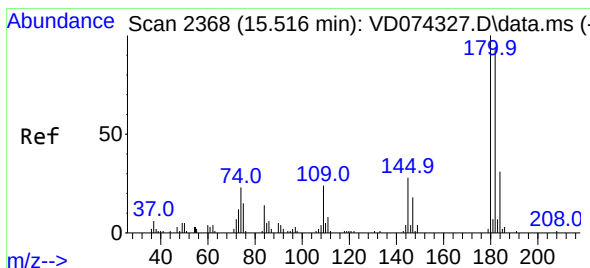
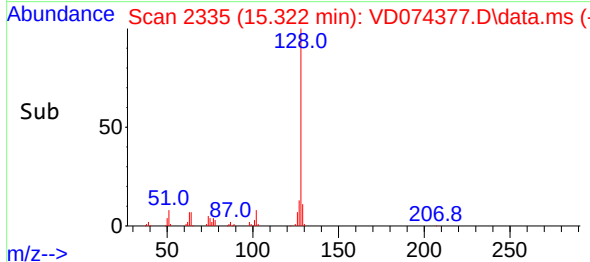
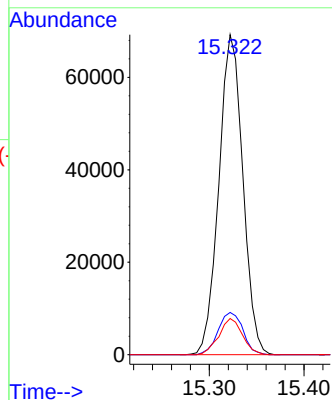
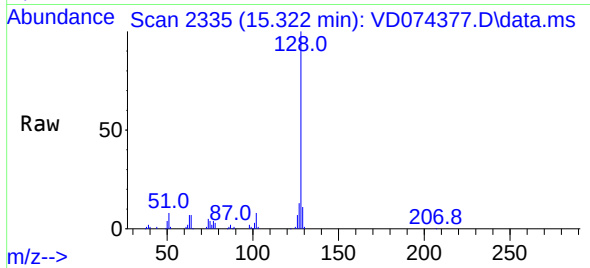




#95
Naphthalene
Concen: 52.944 ug/l
RT: 15.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 121815
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.718 ug/l
RT: 15.510 min Scan# 2367
Delta R.T. -0.006 min
Lab File: VD074377.D
Acq: 20 Sep 2022 20:38

Tgt Ion:180 Resp: 56240
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 31.1 15.8 47.3

