

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073975.D
 Acq On : 08 Aug 2022 16:24
 Operator : VA/SY
 Sample : N3995-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Quant Time: Aug 08 18:18:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	1195	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	997	646.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 1292.460%#	
35) Dibromofluoromethane	7.902	113	112	18.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 36.800%#	
50) Toluene-d8	10.326	98	598	34.338	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 68.680%	
62) 4-Bromofluorobenzene	12.614	95	631	77.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 155.580%#	
Target Compounds						Qvalue
3) Chloromethane	2.203	50	164	48.450	ug/l	# 40
4) Vinyl Chloride	2.356	62	55	12.067	ug/l	# 42
5) Bromomethane	2.785	94	669	211.496	ug/l	# 75
6) Chloroethane	2.932	64	124	38.924	ug/l	# 42
10) Methyl Iodide	4.309	142	121	49.738	ug/l	# 37
12) 1,1-Dichloroethene	3.938	96	61	27.918	ug/l	# 1
14) Allyl chloride	4.656	41	114	39.309	ug/l	# 53
16) Acetone	4.150	43	6570	21855.532	ug/l	# 83
18) Methyl Acetate	4.703	43	76	76.863	ug/l	# 47
20) Methylene Chloride	4.950	84	808	355.594	ug/l	# 75
21) trans-1,2-Dichloroethene	5.238	96	54	20.452	ug/l	# 1
22) Diisopropyl ether	6.385	45	58	9.283	ug/l	# 34
23) Vinyl Acetate	6.350	43	126	37.570	ug/l	# 69
25) 2-Butanone	7.179	43	2215	3745.171	ug/l	# 46
26) 2,2-Dichloropropane	7.191	77	1671	391.204	ug/l	# 54
29) Tetrahydrofuran	7.561	42	54	154.579	ug/l	# 30
36) 1,1-Dichloropropene	8.138	75	55	5.723	ug/l	# 40
37) Ethyl Acetate	7.279	43	123	34.419	ug/l	# 69
40) Benzene	8.350	78	56	2.146	ug/l	# 51
41) Methacrylonitrile	7.532	41	55	29.141	ug/l	# 22
43) Isopropyl Acetate	8.455	43	118	16.898	ug/l	# 49
48) Methyl methacrylate	9.514	41	59	18.477	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.208	43	335	96.423	ug/l	# 62
52) Toluene	10.402	92	53	3.071	ug/l	# 59
57) 1,3-Dichloropropane	10.938	76	56	6.758	ug/l	# 41
59) 2-Hexanone	11.196	43	107	46.497	ug/l	# 24
65) Chlorobenzene	11.655	112	59	2.444	ug/l	# 43
67) Ethyl Benzene	11.743	91	56	1.337	ug/l	# 43
68) m/p-Xylenes	11.838	106	167	9.833	ug/l	# 79
70) Styrene	12.185	104	103	3.865	ug/l	# 63
73) Isopropylbenzene	12.473	105	68	1.627	ug/l	# 48
76) 1,2,3-Trichloropropane	12.620	75	187	33.213	ug/l	# 100
78) n-propylbenzene	12.796	91	452	8.786	ug/l	# 52
79) 2-Chlorotoluene	12.890	91	295	10.194	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.949	105	126	3.545	ug/l	# 27
81) trans-1,4-Dichloro-2-b...	12.620	75	187	83.385	ug/l	# 11

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

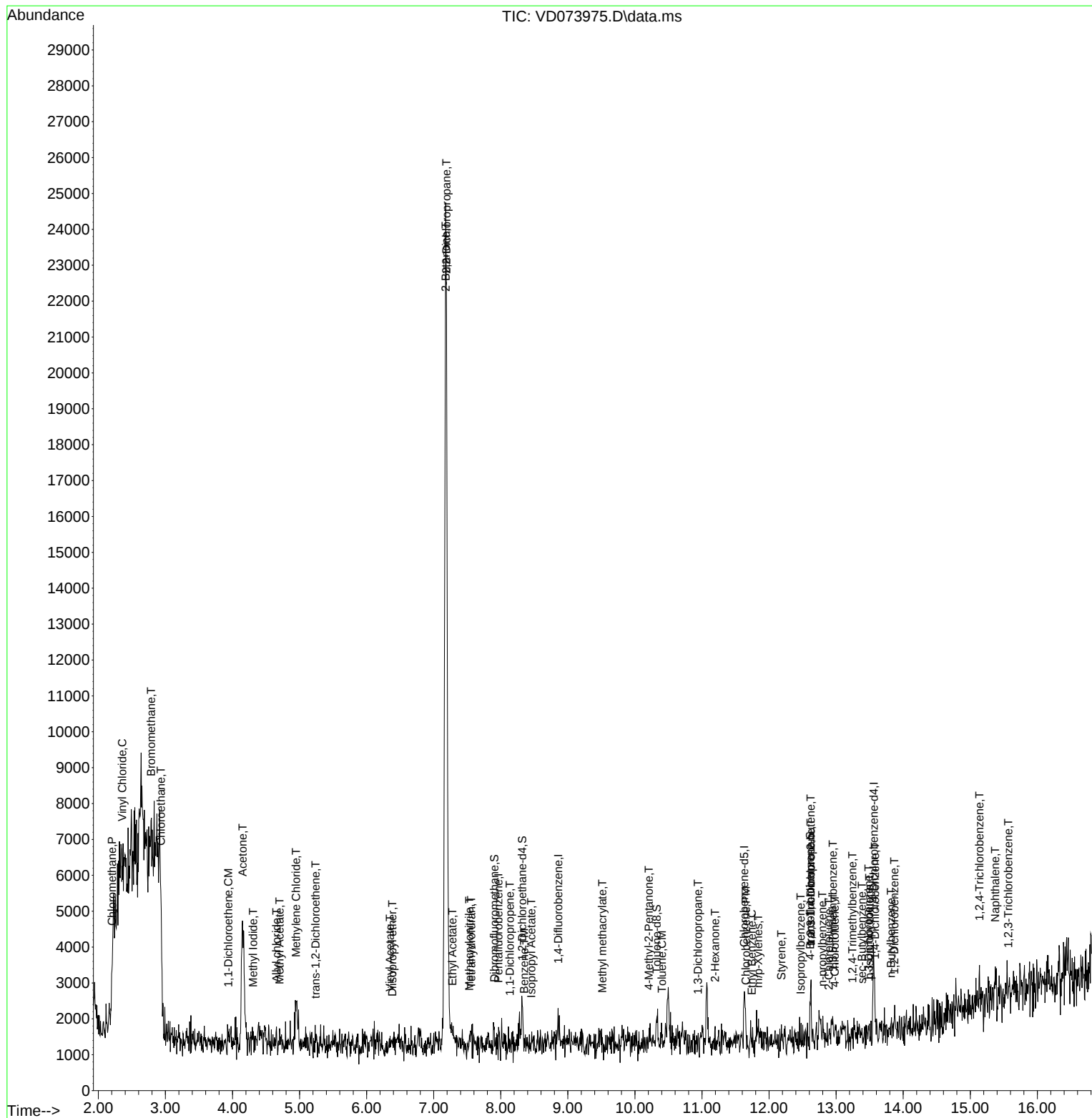
82) 4-Chlorotoluene	12.979	91	373	12.098	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.243	105	193	5.425	ug/l #	31
85) sec-Butylbenzene	13.385	105	68	1.458	ug/l #	56
86) p-Isopropyltoluene	13.496	119	59	1.492	ug/l #	50
87) 1,3-Dichlorobenzene	13.485	146	115	5.579	ug/l #	25
88) 1,4-Dichlorobenzene	13.579	146	431	20.821	ug/l #	60
89) n-Butylbenzene	13.820	91	78	2.148	ug/l #	33
91) 1,2-Dichlorobenzene	13.867	146	240	13.510	ug/l #	55
93) 1,2,4-Trichlorobenzene	15.137	180	242	22.859	ug/l #	30
95) Naphthalene	15.373	128	789	40.701	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.567	180	192	20.108	ug/l #	11

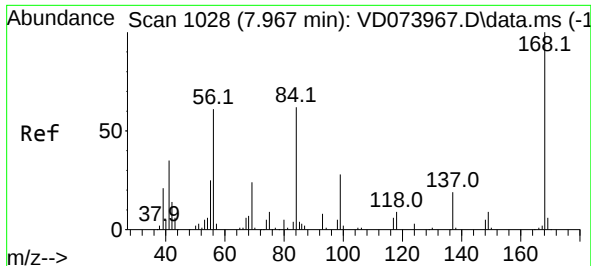
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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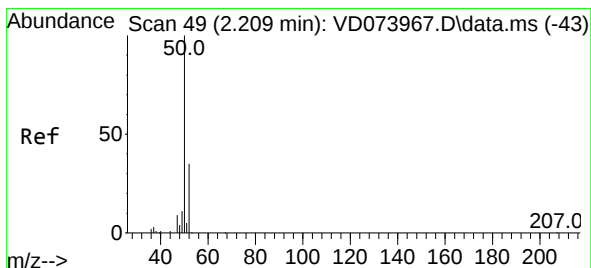
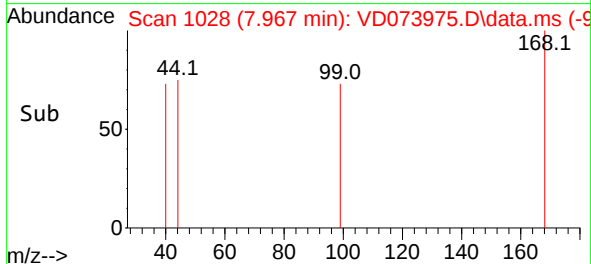
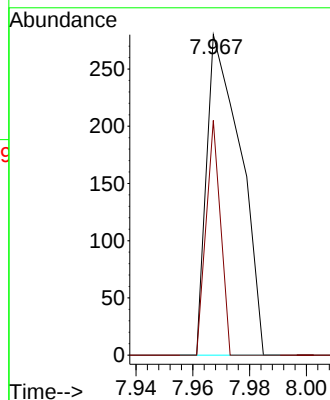
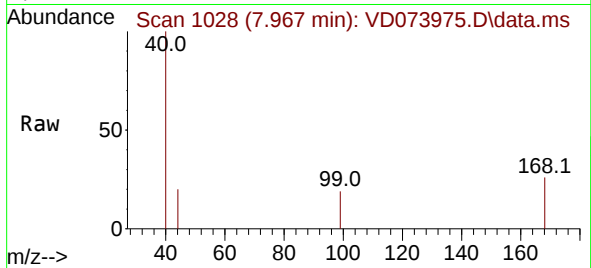




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

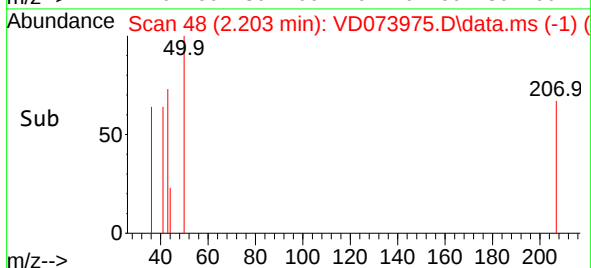
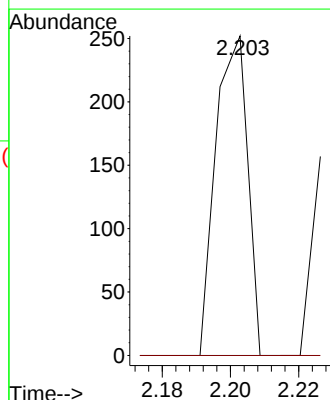
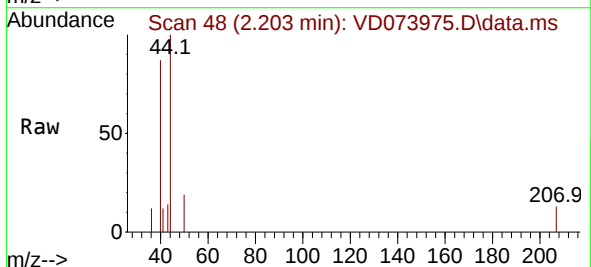
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

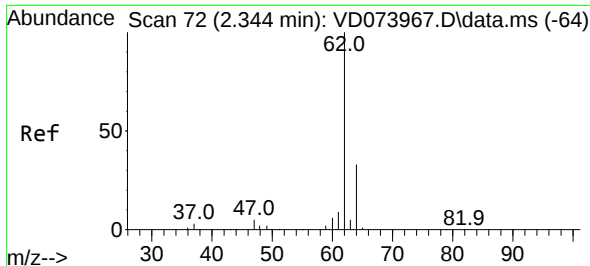
Tgt Ion:168 Resp: 231
Ion Ratio Lower Upper
168 100
99 73.2 46.2 69.4#



#3
Chloromethane
Concen: 48.450 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 50 Resp: 164
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#

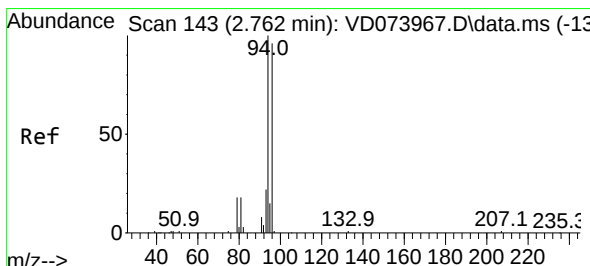
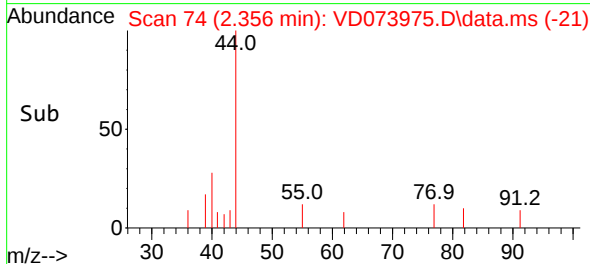
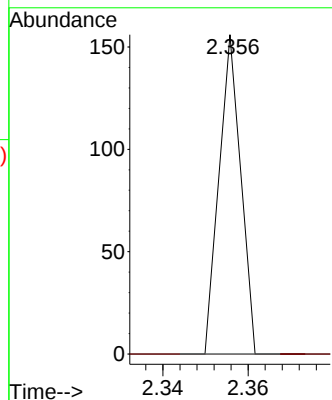
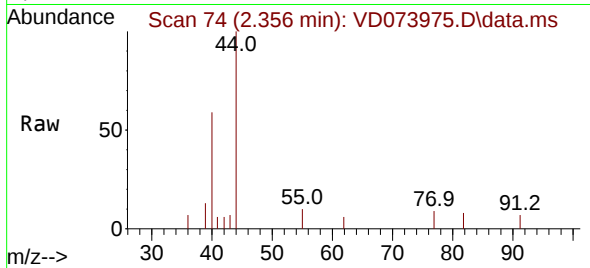




#4
 Vinyl Chloride
 Concen: 12.067 ug/l
 RT: 2.356 min Scan# 74
 Delta R.T. 0.012 min
 Lab File: VD073975.D
 Acq: 08 Aug 2022 16:24

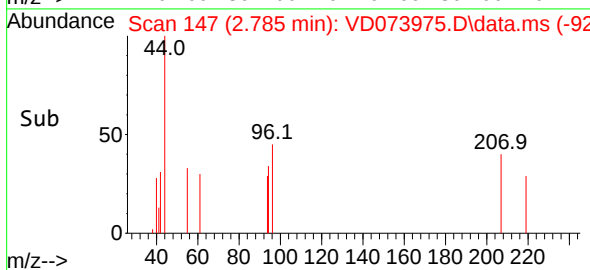
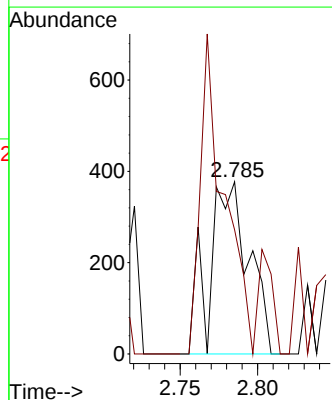
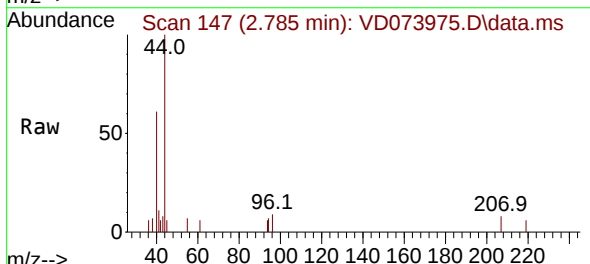
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

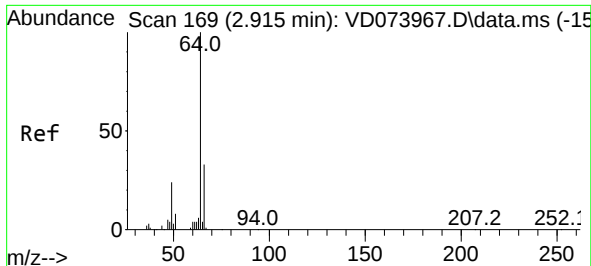
Tgt Ion: 62 Resp: 55
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 211.496 ug/l
 RT: 2.785 min Scan# 147
 Delta R.T. 0.024 min
 Lab File: VD073975.D
 Acq: 08 Aug 2022 16:24

Tgt Ion: 94 Resp: 669
 Ion Ratio Lower Upper
 94 100
 96 72.1 77.0 115.6#

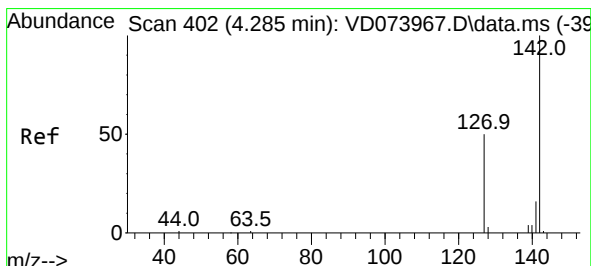
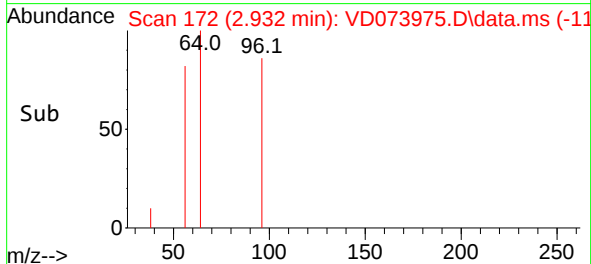
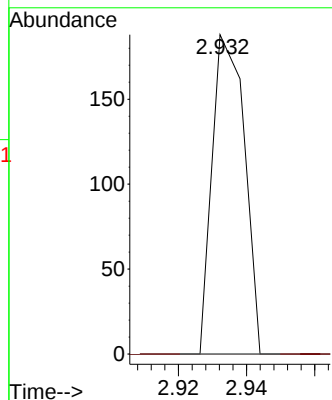
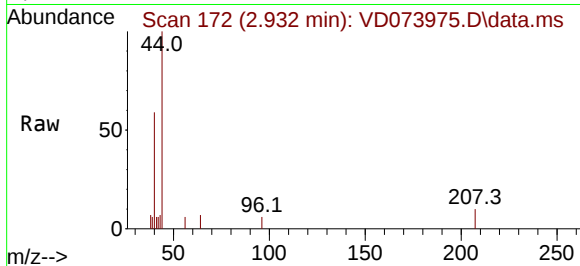




#6
Chloroethane
Concen: 38.924 ug/l
RT: 2.932 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

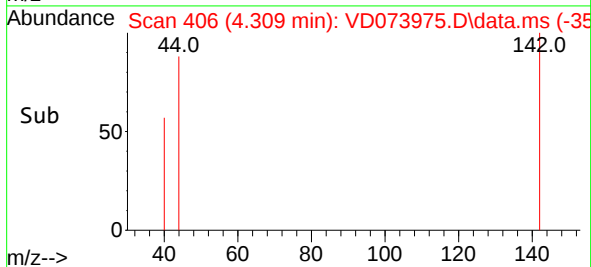
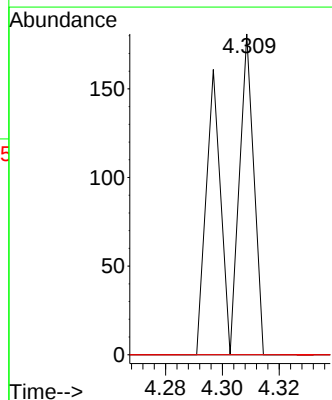
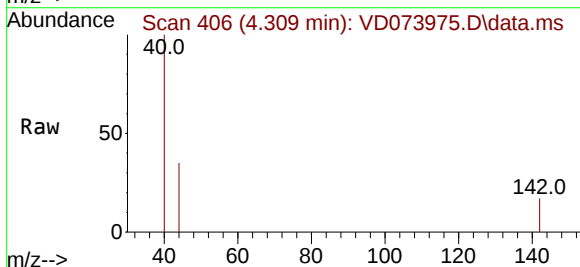
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

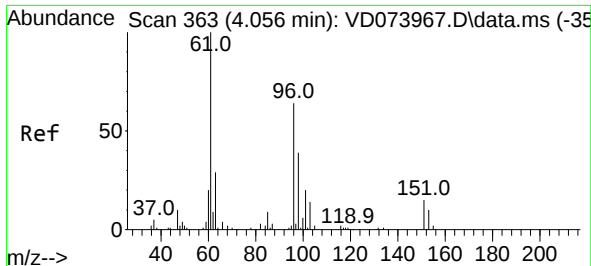
Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#10
Methyl Iodide
Concen: 49.738 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.024 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 142 Resp: 121
Ion Ratio Lower Upper
142 100
127 0.0 38.7 58.1#
141 0.0 11.8 17.8#





#12

1,1-Dichloroethene

Concen: 27.918 ug/l

RT: 3.938 min Scan# 34

Delta R.T. -0.118 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

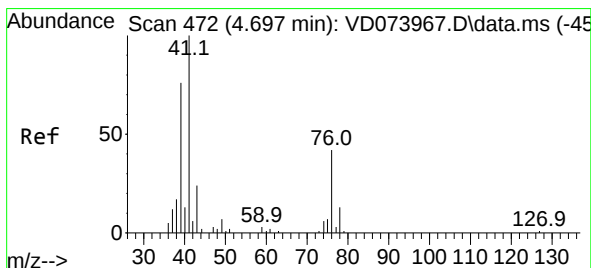
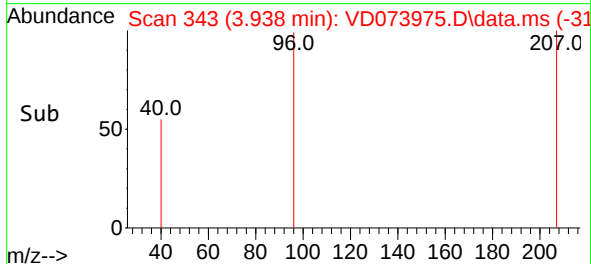
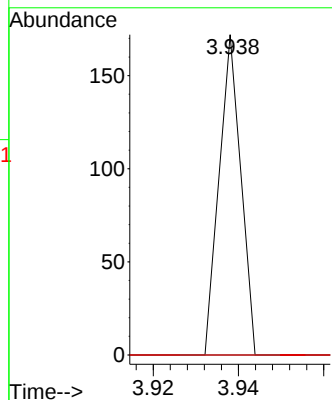
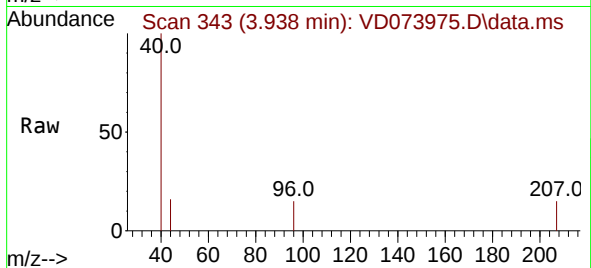
Tgt Ion: 96 Resp: 61

Ion Ratio Lower Upper

96 100

61 0.0 125.9 188.9#

98 0.0 49.2 73.8#



#14

Allyl chloride

Concen: 39.309 ug/l

RT: 4.656 min Scan# 465

Delta R.T. -0.041 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

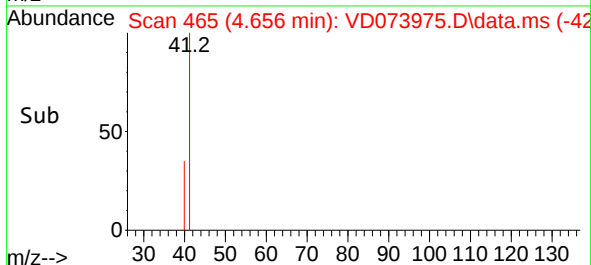
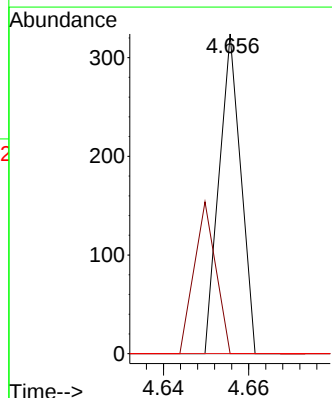
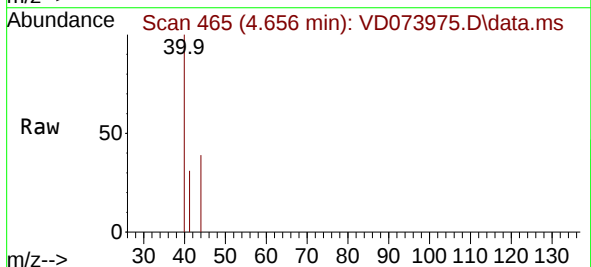
Tgt Ion: 41 Resp: 114

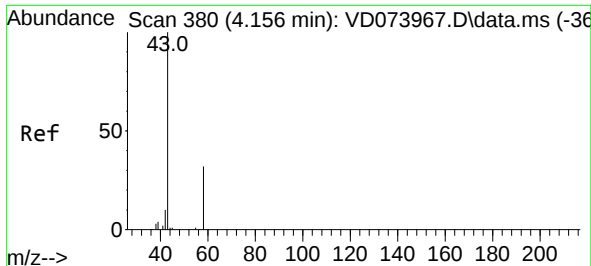
Ion Ratio Lower Upper

41 100

39 47.4 63.4 95.2#

76 0.0 34.4 51.6#

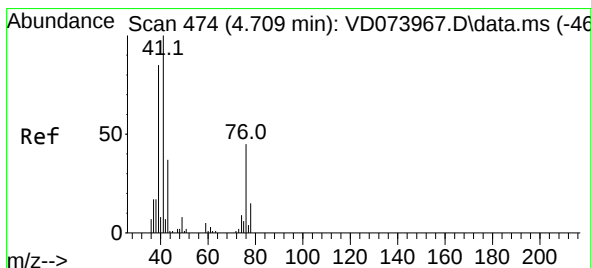
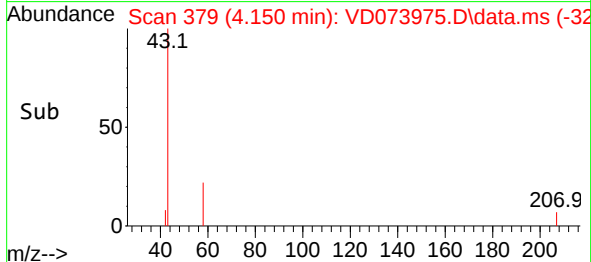
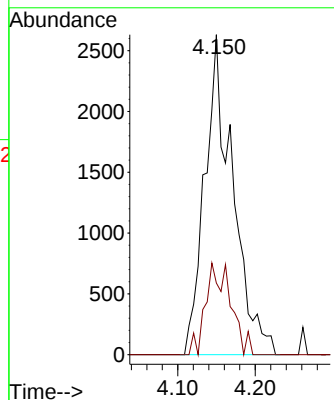
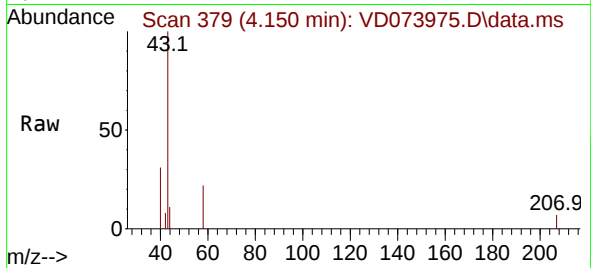




#16
Acetone
Concen: 21855.532 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

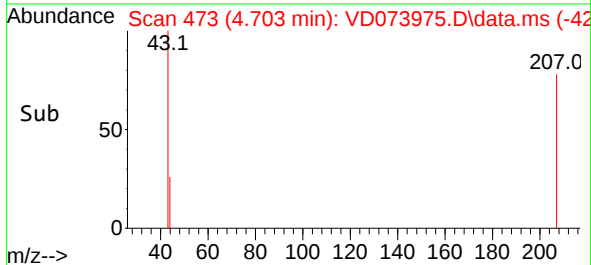
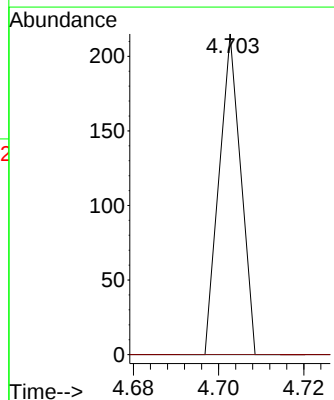
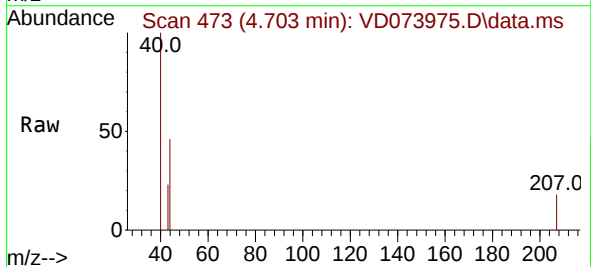
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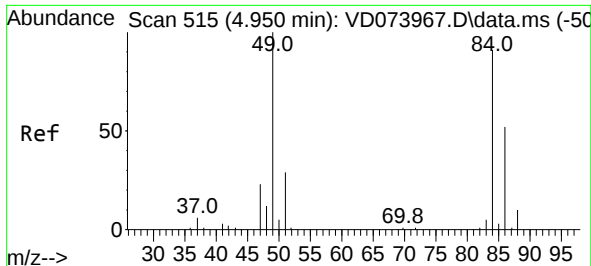
Tgt Ion: 43 Resp: 6570
Ion Ratio Lower Upper
43 100
58 22.4 25.4 38.0#



#18
Methyl Acetate
Concen: 76.863 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#

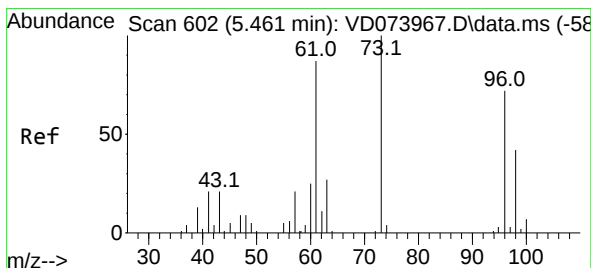
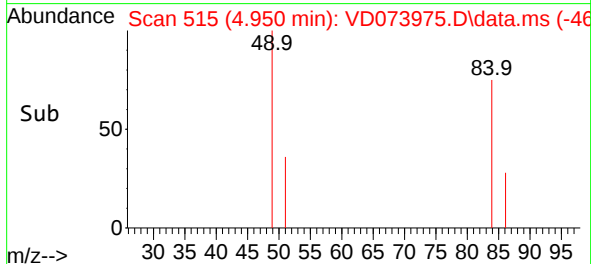
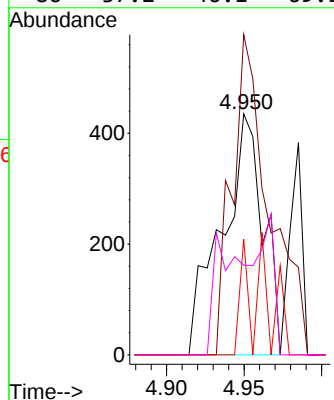
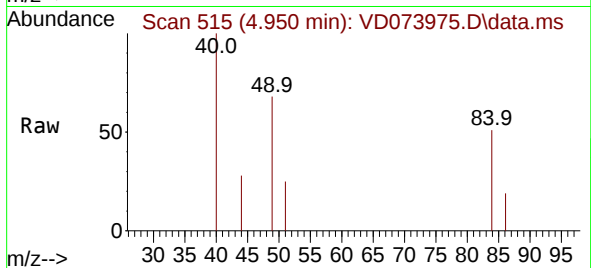




#20
Methylene Chloride
Concen: 355.594 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

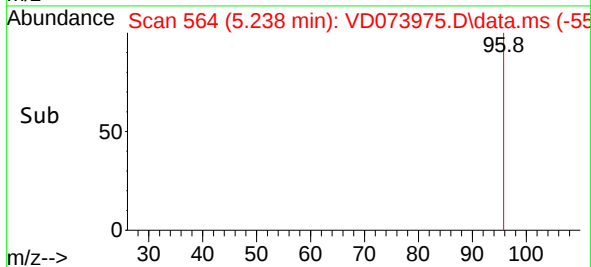
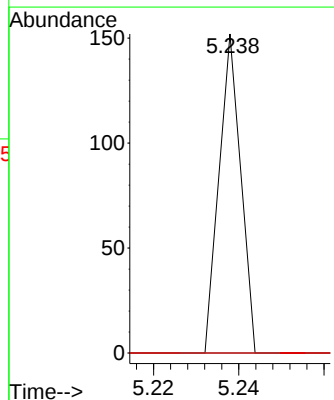
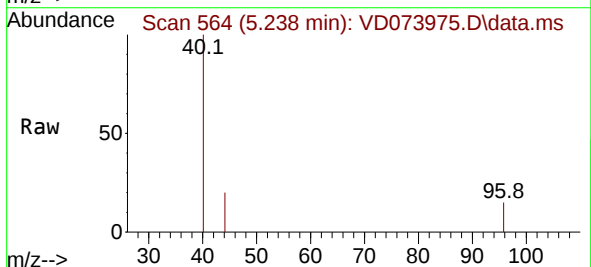
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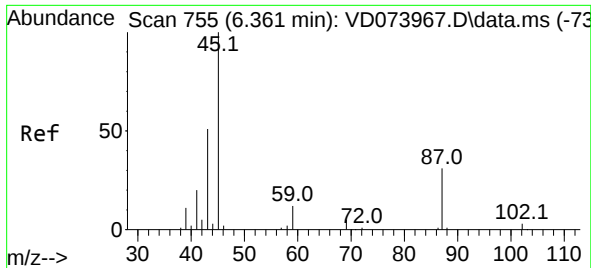
Tgt Ion: 84 Resp: 808
Ion Ratio Lower Upper
84 100
49 132.9 87.9 131.9#
51 48.0 25.7 38.5#
86 37.2 46.1 69.1#



#21
trans-1,2-Dichloroethene
Concen: 20.452 ug/l
RT: 5.238 min Scan# 564
Delta R.T. -0.224 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 0.0 96.9 145.3#
98 0.0 47.2 70.8#

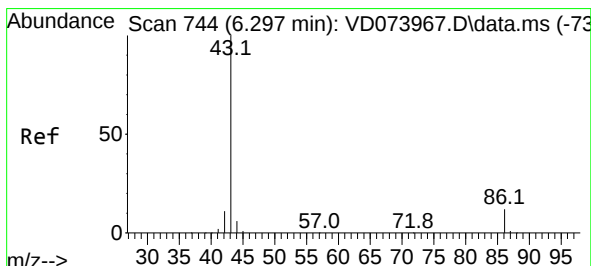
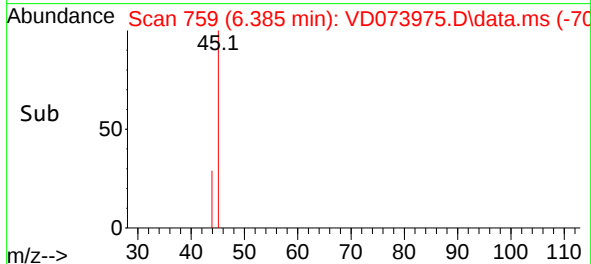
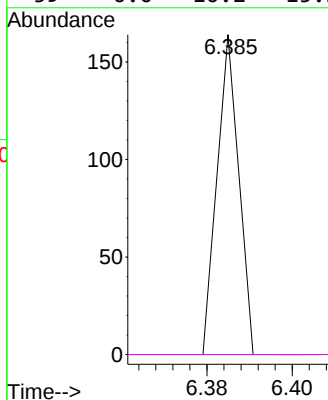
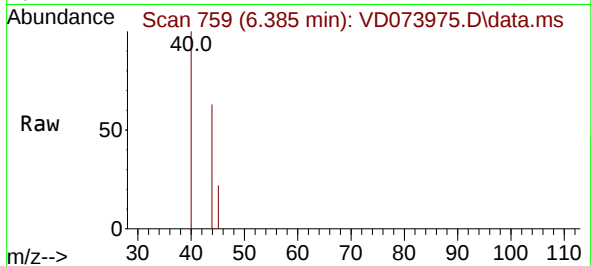




#22
Diisopropyl ether
Concen: 9.283 ug/l
RT: 6.385 min Scan# 71
Delta R.T. 0.024 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

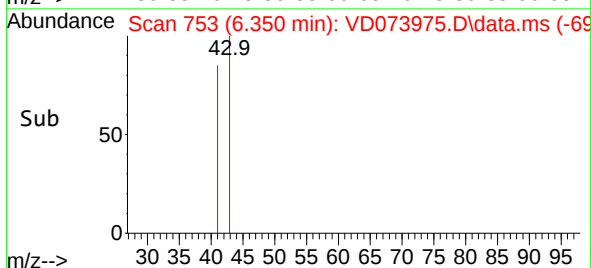
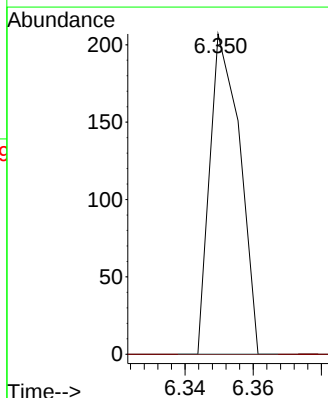
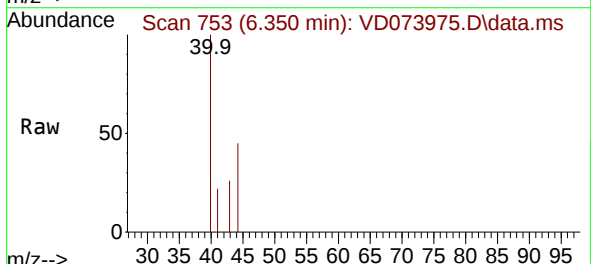
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

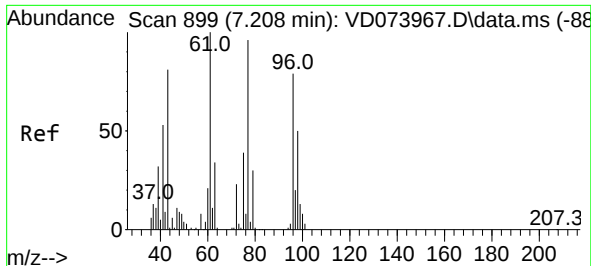
Tgt Ion:	45	Resp:	58
Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.1	69.1#
87	0.0	25.8	38.6#
59	0.0	10.2	15.2#



#23
Vinyl Acetate
Concen: 37.570 ug/l
RT: 6.350 min Scan# 753
Delta R.T. 0.053 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion:	43	Resp:	126
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.7	14.5#

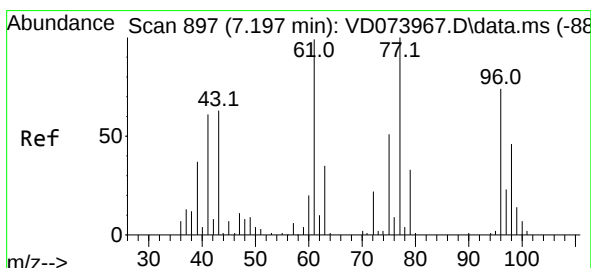
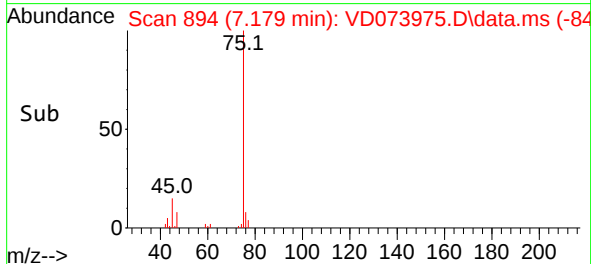
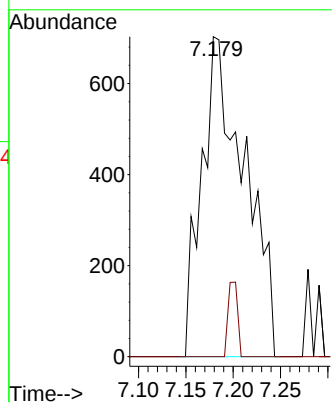
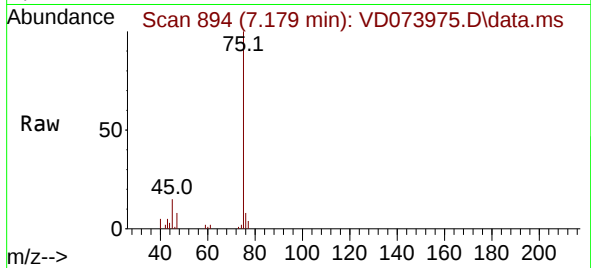




#25
2-Butanone
Concen: 3745.171 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.029 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

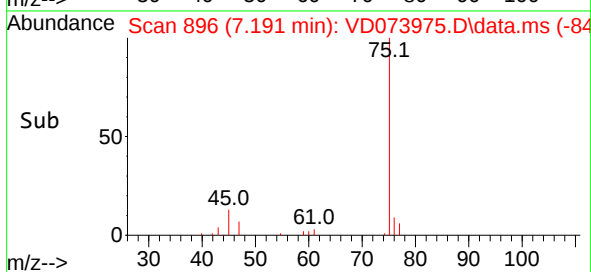
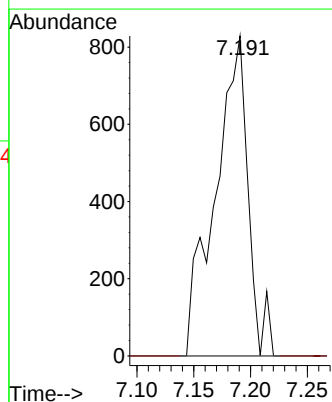
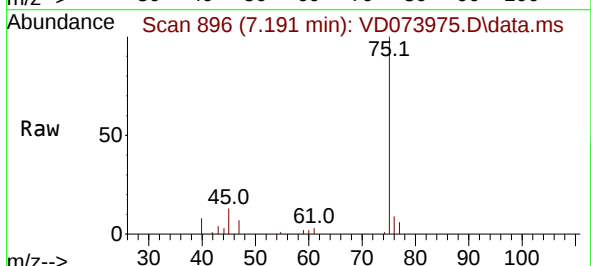
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

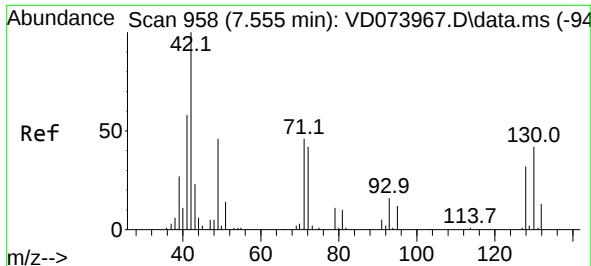
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#26
2,2-Dichloropropane
Concen: 391.204 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 77 Resp: 1671
Ion Ratio Lower Upper
77 100
97 0.0 11.1 33.1#





#29

Tetrahydrofuran

Concen: 154.579 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

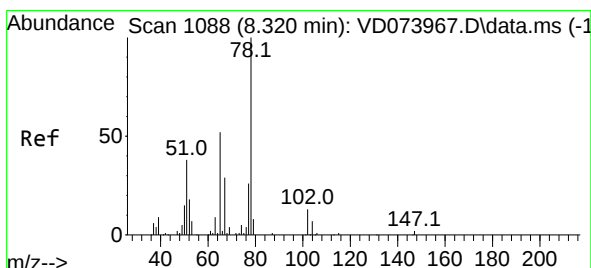
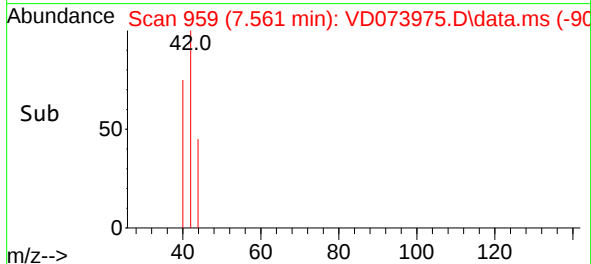
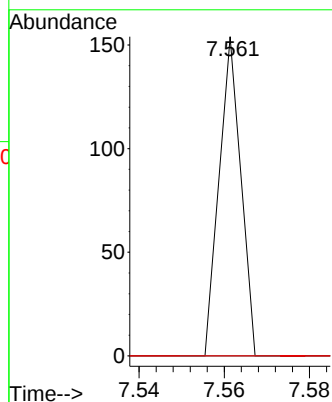
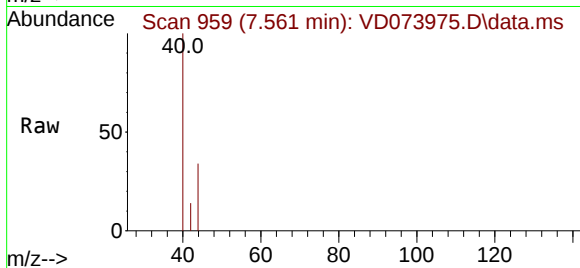
Tgt Ion: 42 Resp: 54

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 36.9 55.3#



#33

1,2-Dichloroethane-d4

Concen: 646.233 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073975.D

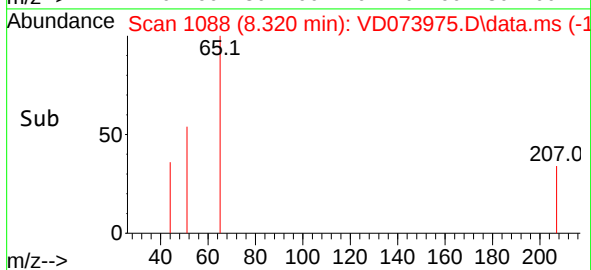
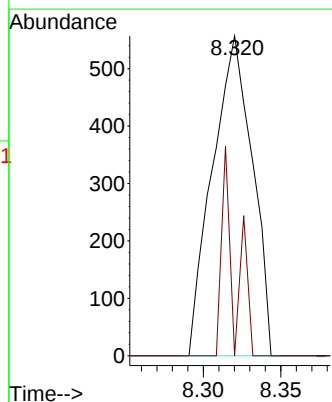
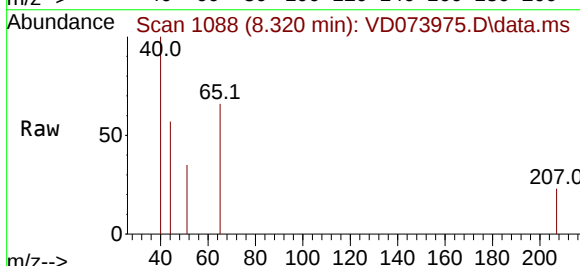
Acq: 08 Aug 2022 16:24

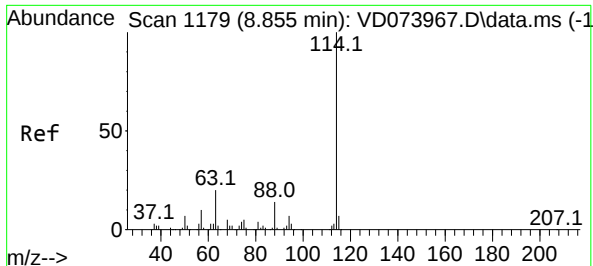
Tgt Ion: 65 Resp: 997

Ion Ratio Lower Upper

65 100

67 21.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

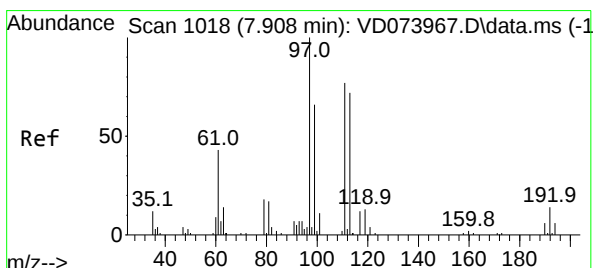
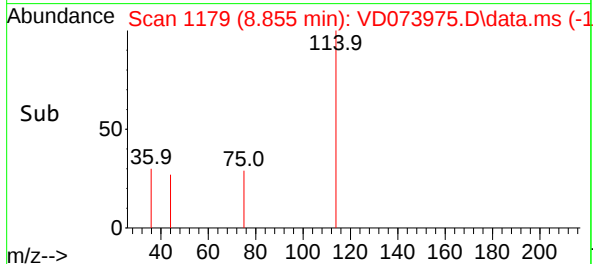
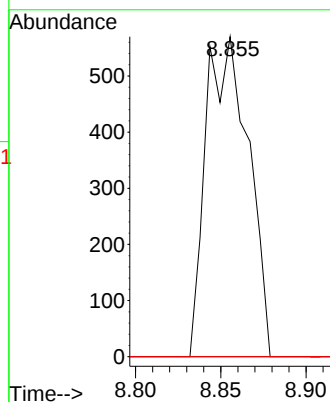
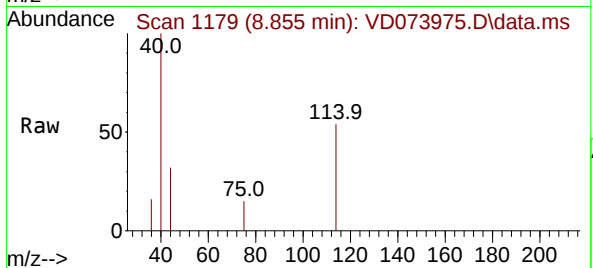
Instrument :

MSVOA_D

ClientSampleId :

COMP-2

Tgt Ion:	114	Resp:	988
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	39.8
88	0.0	0.0	28.0



#35

Dibromofluoromethane

Concen: 18.400 ug/l

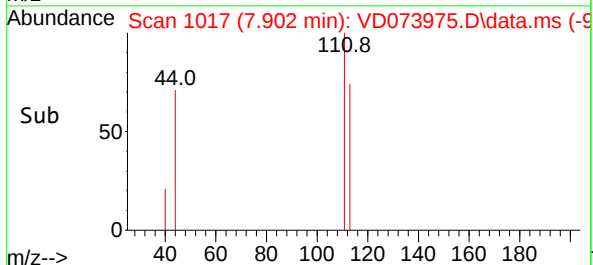
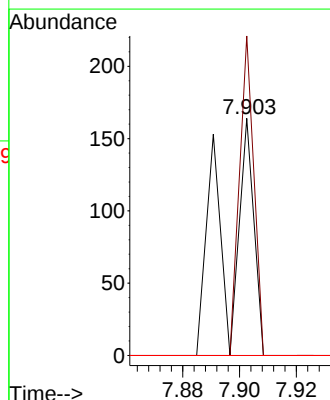
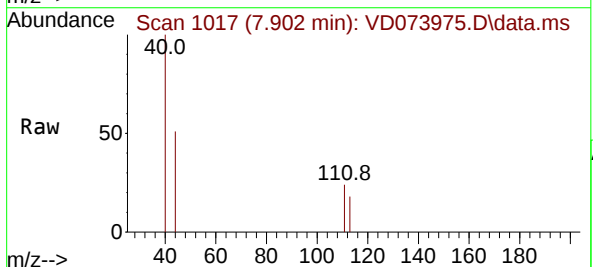
RT: 7.902 min Scan# 1017

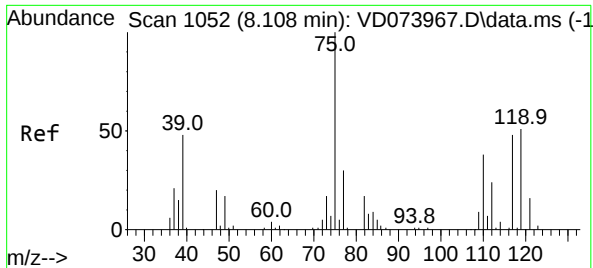
Delta R.T. -0.006 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Tgt Ion:	113	Resp:	112
Ion	Ratio	Lower	Upper
113	100		
111	69.6	83.0	124.4#
192	0.0	14.8	22.2#





#36

1,1-Dichloropropene

Concen: 5.723 ug/l

RT: 8.138 min Scan# 11

Delta R.T. 0.029 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

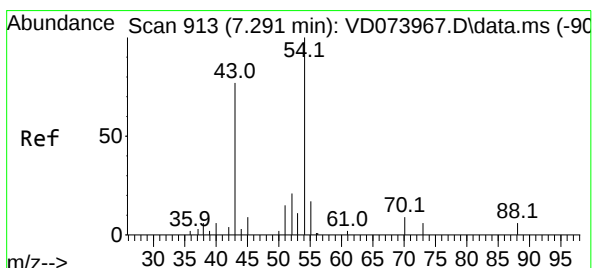
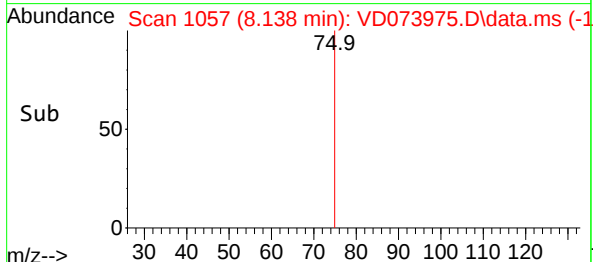
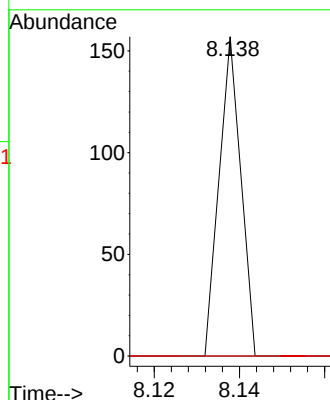
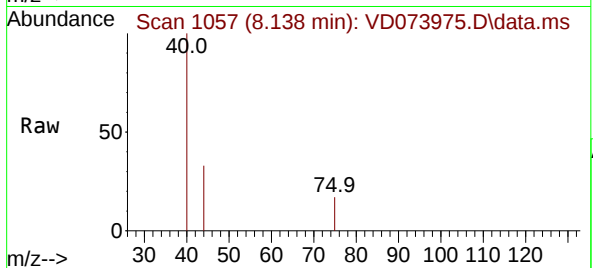
Tgt Ion: 75 Resp: 55

Ion Ratio Lower Upper

75 100

110 0.0 18.9 56.7#

77 0.0 25.5 38.3#



#37

Ethyl Acetate

Concen: 34.419 ug/l

RT: 7.279 min Scan# 911

Delta R.T. -0.012 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

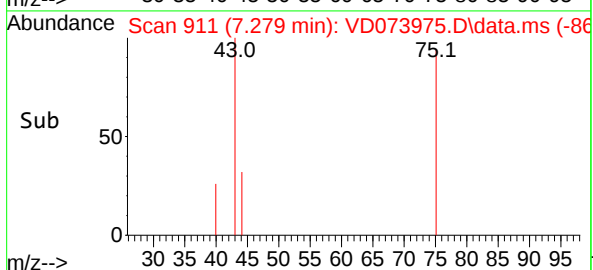
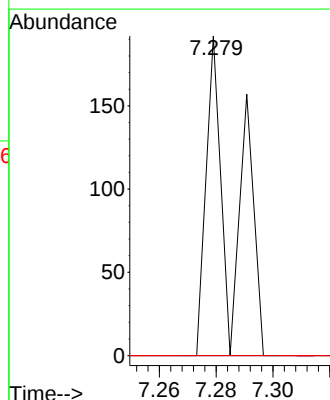
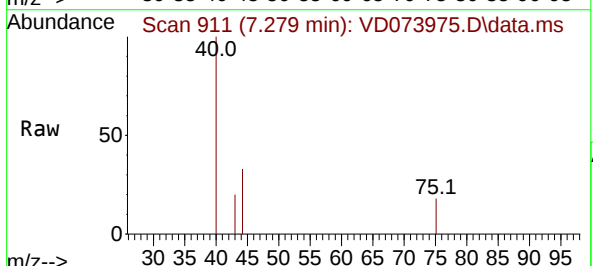
Tgt Ion: 43 Resp: 123

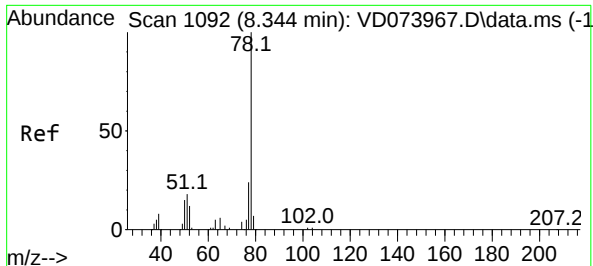
Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

70 0.0 7.7 11.5#

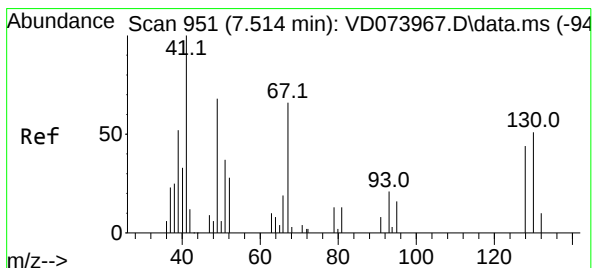
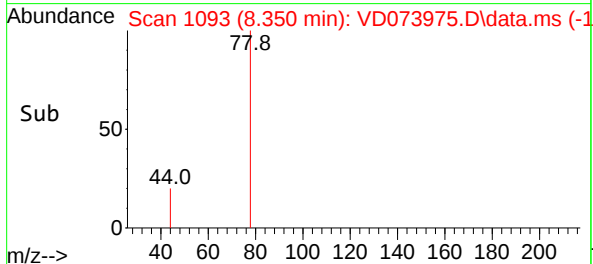
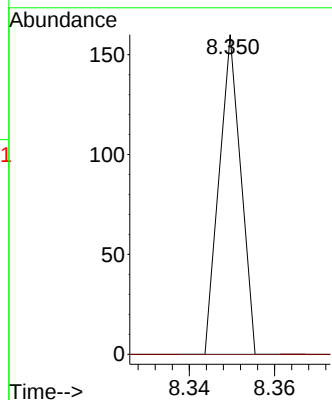
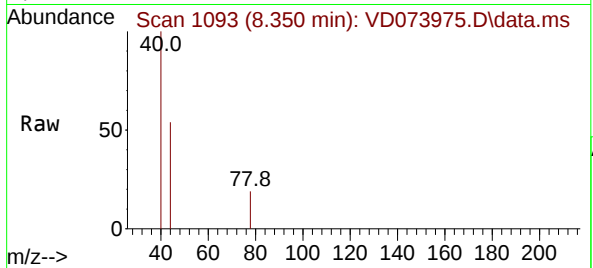




#40
Benzene
Concen: 2.146 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

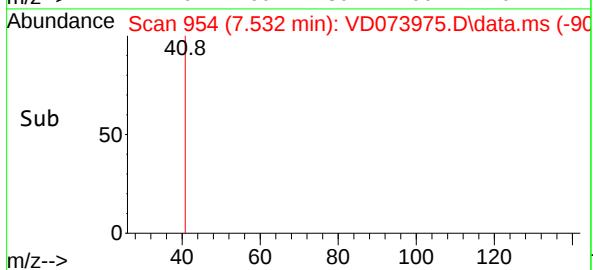
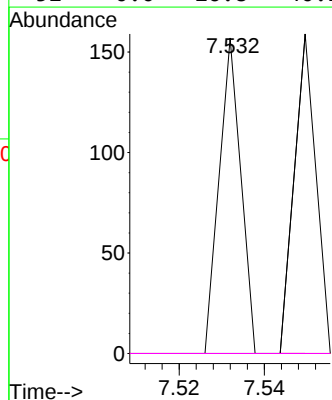
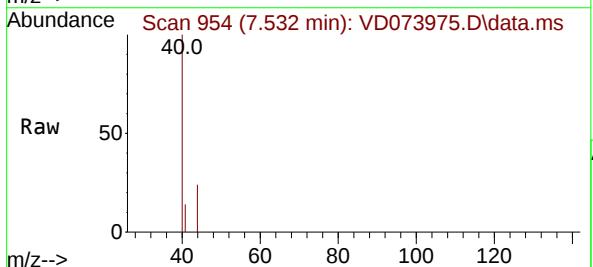
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

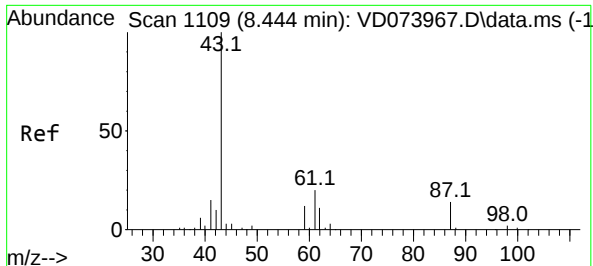
Tgt Ion: 78 Resp: 56
Ion Ratio Lower Upper
78 100
77 0.0 19.3 28.9#



#41
Methacrylonitrile
Concen: 29.141 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.018 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
39 0.0 45.3 67.9#
67 0.0 60.2 90.4#
52 0.0 26.8 40.2#

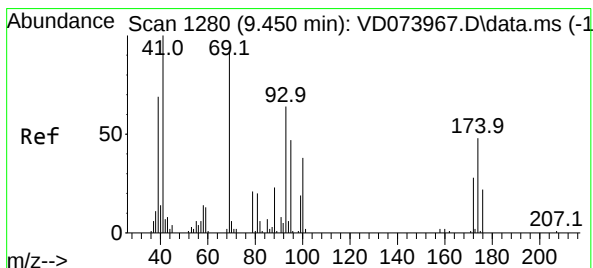
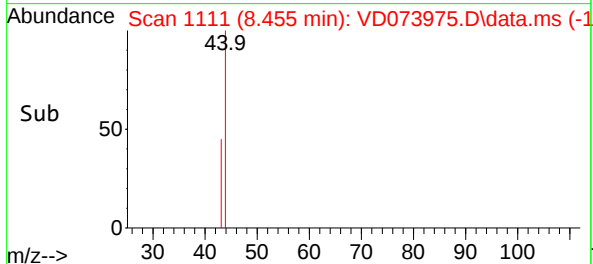
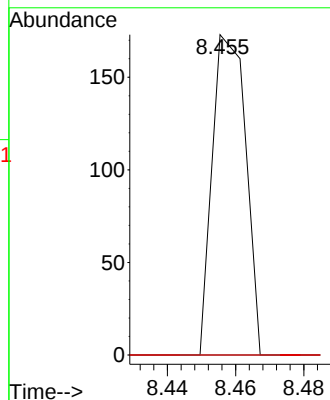
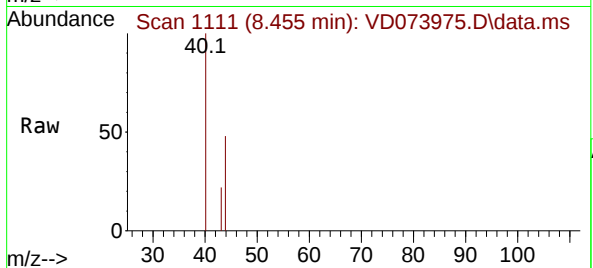




#43
Isopropyl Acetate
Concen: 16.898 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.012 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

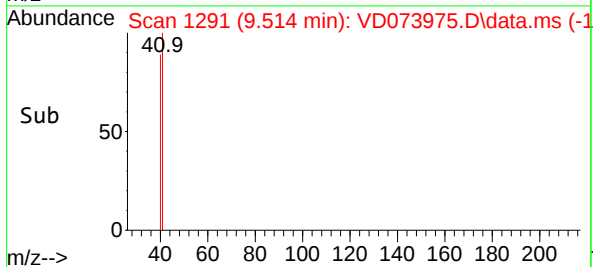
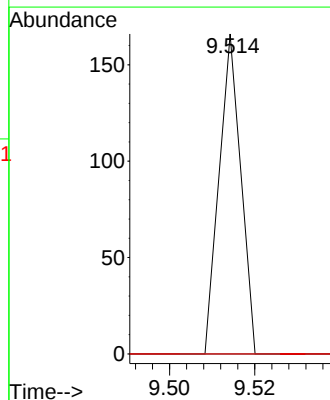
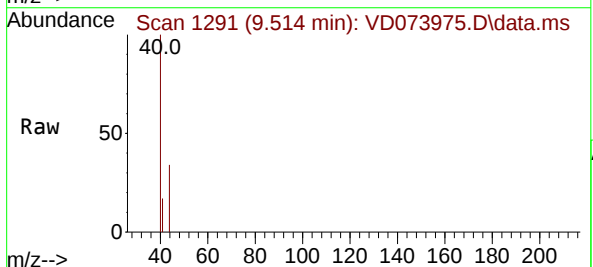
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

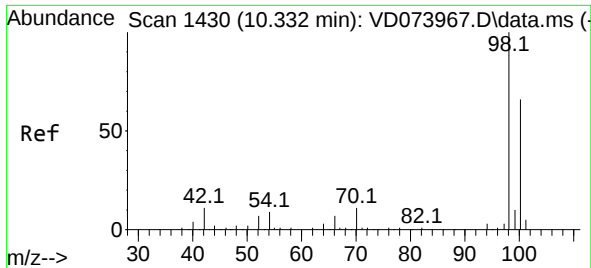
Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
61 0.0 25.8 38.6#
87 0.0 11.8 17.8#



#48
Methyl methacrylate
Concen: 18.477 ug/l
RT: 9.514 min Scan# 1291
Delta R.T. 0.065 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 0.0 50.6 76.0#

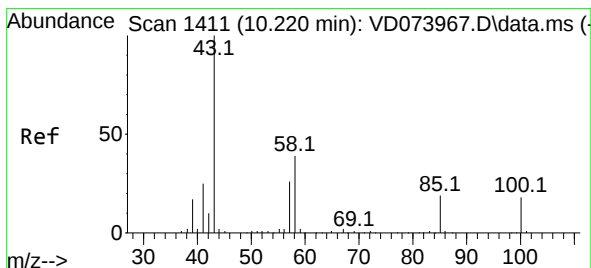
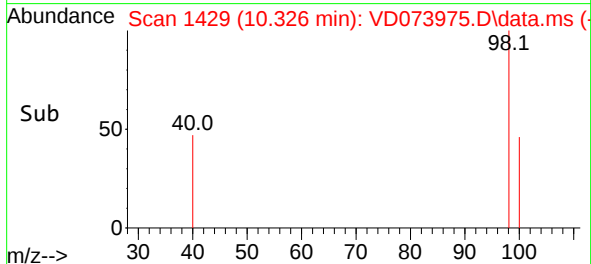
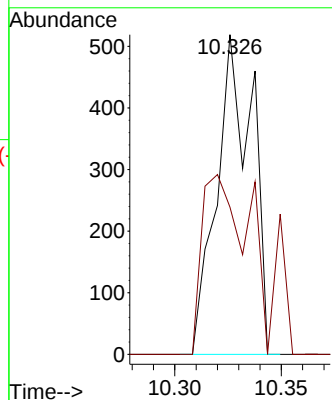
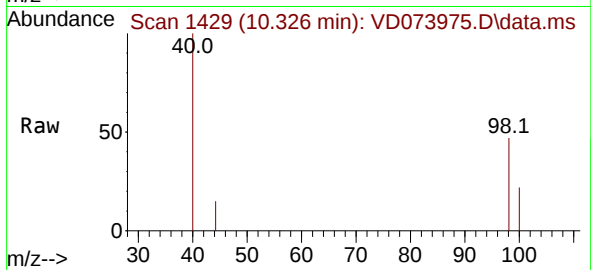




#50
Toluene-d8
Concen: 34.338 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

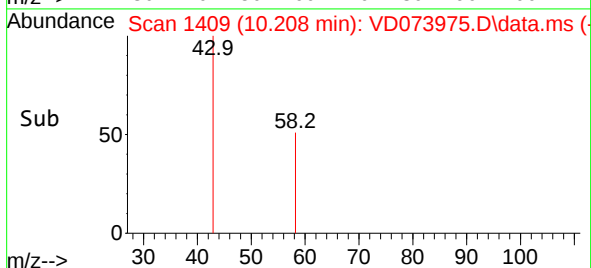
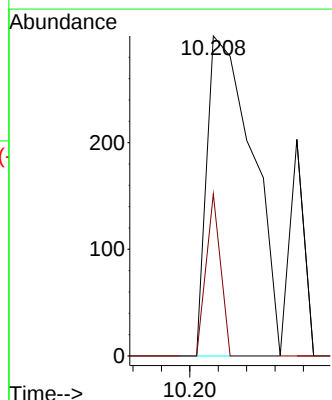
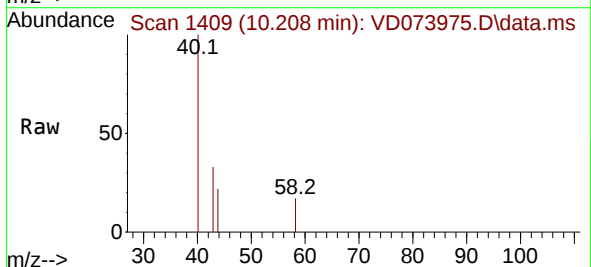
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

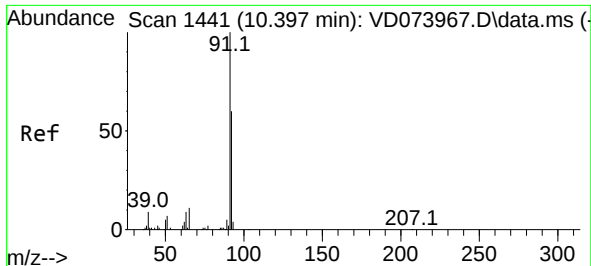
Tgt Ion: 98 Resp: 598
Ion Ratio Lower Upper
98 100
100 87.0 52.4 78.6#



#51
4-Methyl-2-Pentanone
Concen: 96.423 ug/l
RT: 10.208 min Scan# 1409
Delta R.T. -0.012 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 16.1 31.6 47.4#

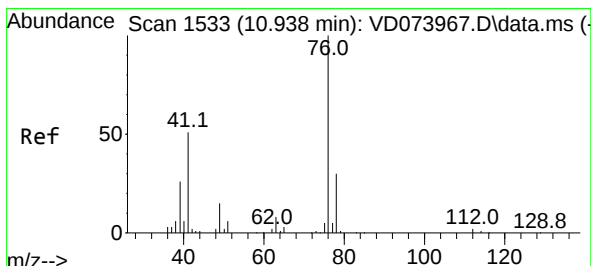
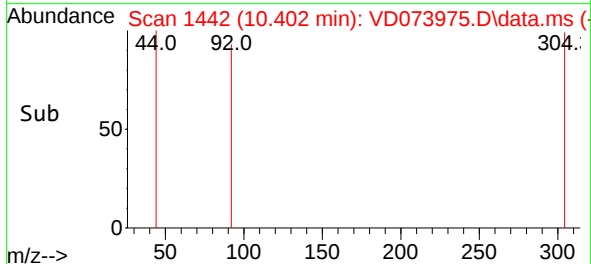
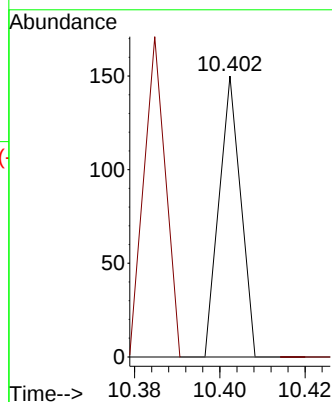
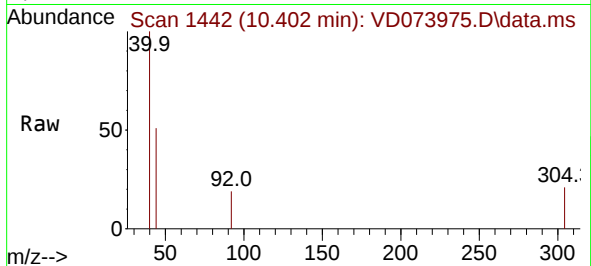




#52
Toluene
Concen: 3.071 ug/l
RT: 10.402 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

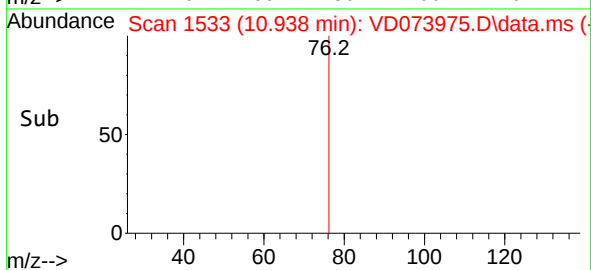
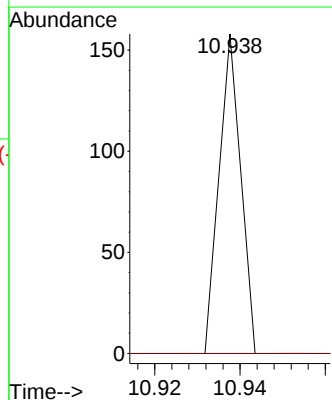
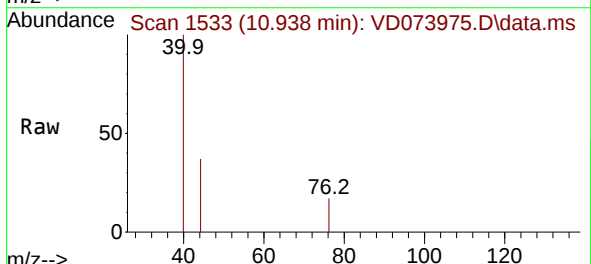
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

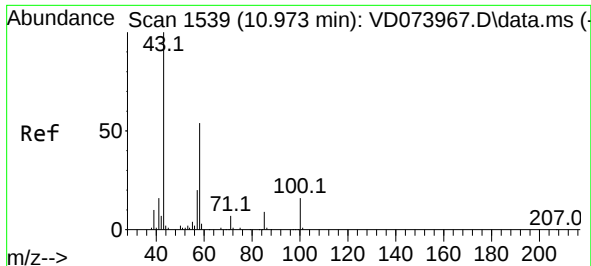
Tgt Ion: 92 Resp: 53
Ion Ratio Lower Upper
92 100
91 113.2 135.6 203.4#



#57
1,3-Dichloropropane
Concen: 6.758 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 26.6 39.8#





#59

2-Hexanone

Concen: 46.497 ug/l

RT: 11.196 min Scan# 11

Delta R.T. 0.223 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

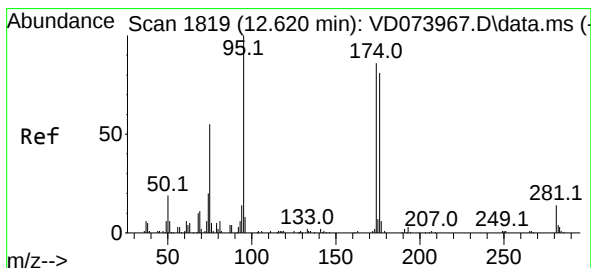
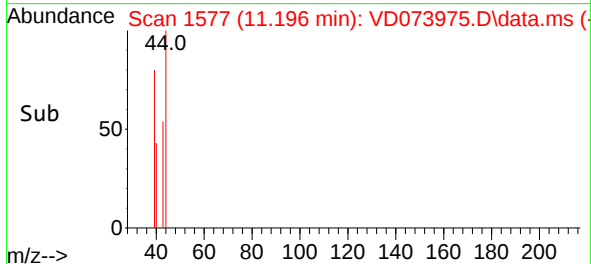
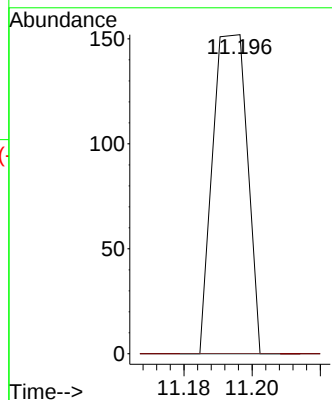
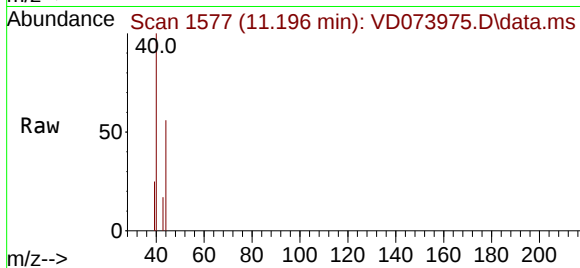
COMP-2

Tgt Ion: 43 Resp: 107

Ion Ratio Lower Upper

43 100

58 0.0 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: 77.785 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. -0.006 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

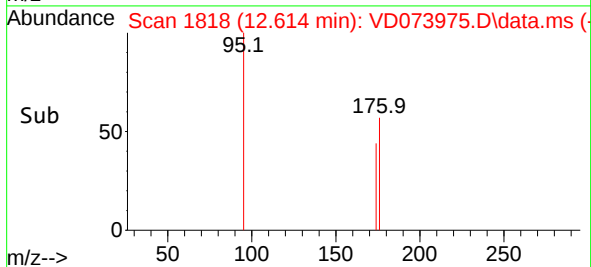
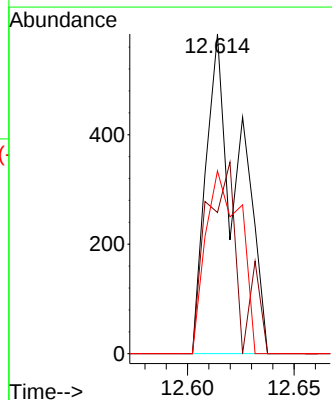
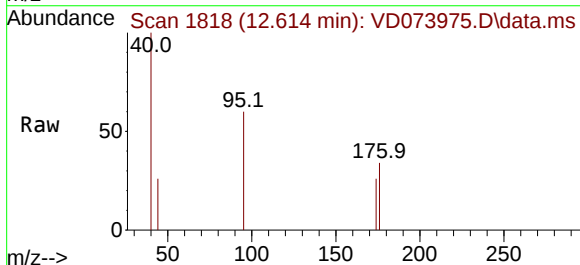
Tgt Ion: 95 Resp: 631

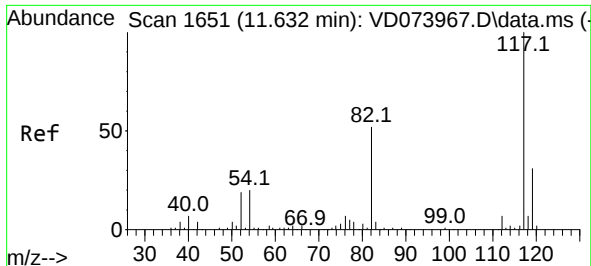
Ion Ratio Lower Upper

95 100

174 59.0 0.0 163.0

176 59.9 0.0 154.8

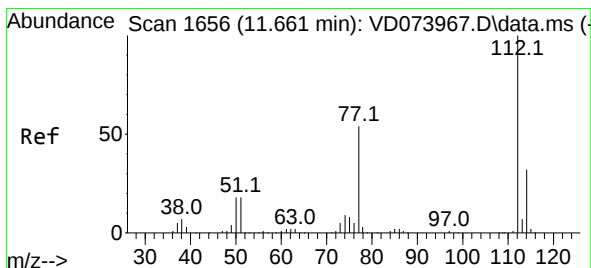
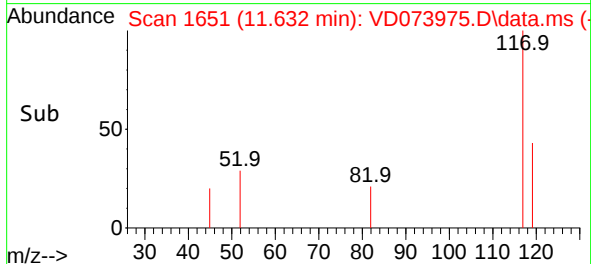
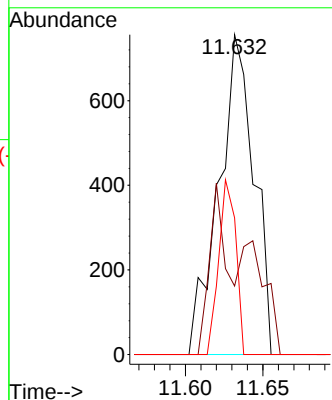
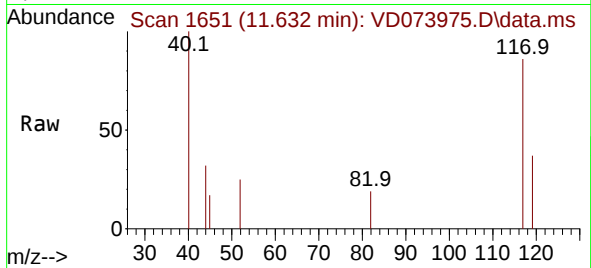




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

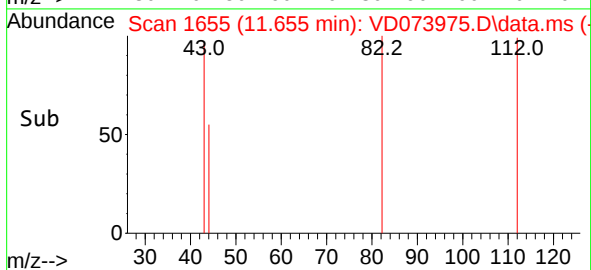
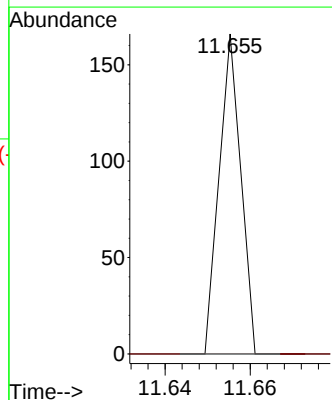
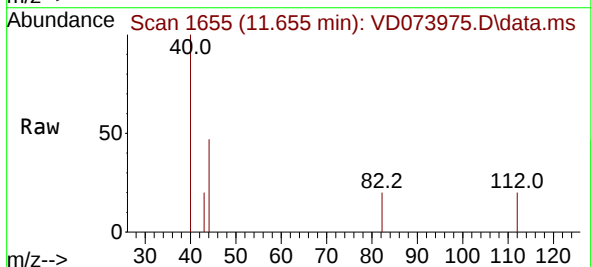
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

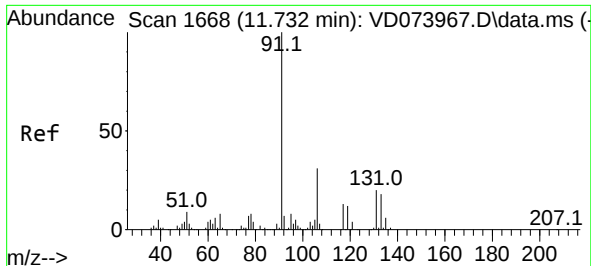
Tgt Ion:117 Resp: 1195
Ion Ratio Lower Upper
117 100
82 21.4 42.0 63.0#
119 42.7 24.8 37.2#



#65
Chlorobenzene
Concen: 2.444 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion:112 Resp: 59
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#





#67

Ethyl Benzene

Concen: 1.337 ug/l

RT: 11.743 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

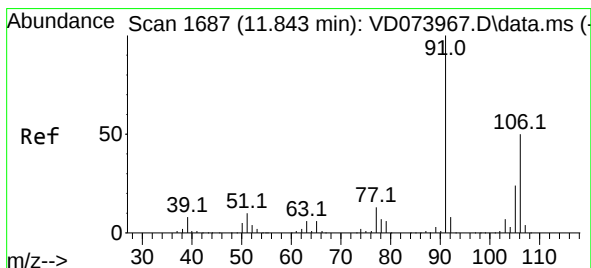
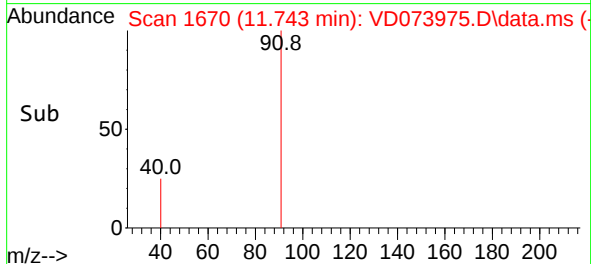
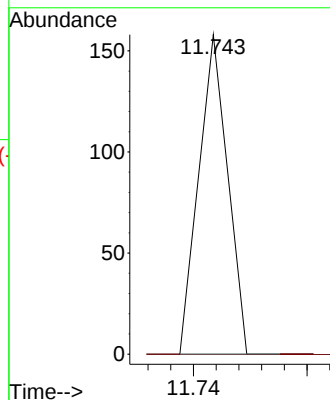
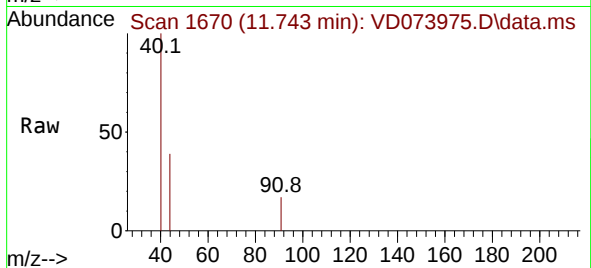
COMP-2

Tgt Ion: 91 Resp: 56

Ion Ratio Lower Upper

91 100

106 0.0 25.0 37.4#



#68

m/p-Xylenes

Concen: 9.833 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VD073975.D

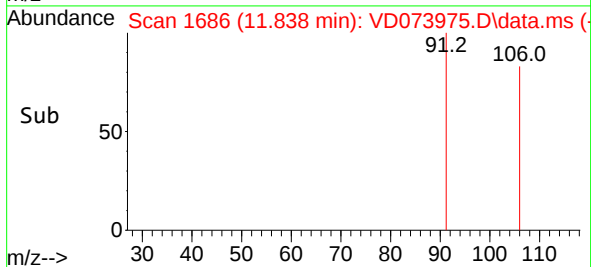
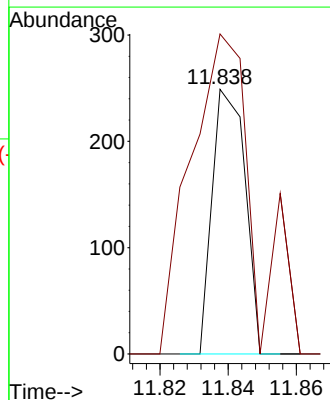
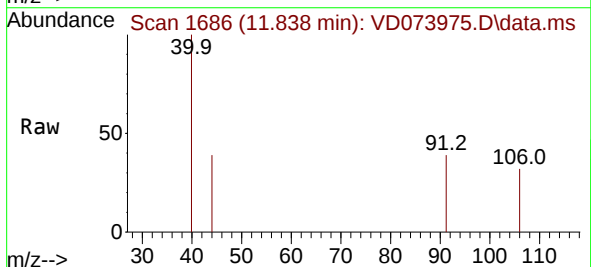
Acq: 08 Aug 2022 16:24

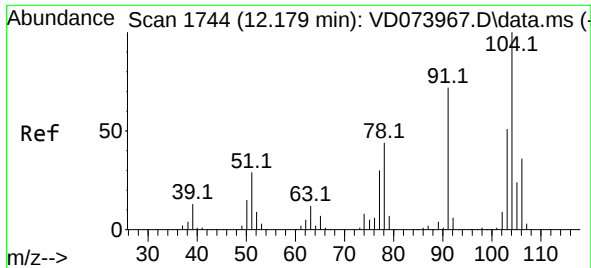
Tgt Ion:106 Resp: 167

Ion Ratio Lower Upper

106 100

91 231.1 159.7 239.5

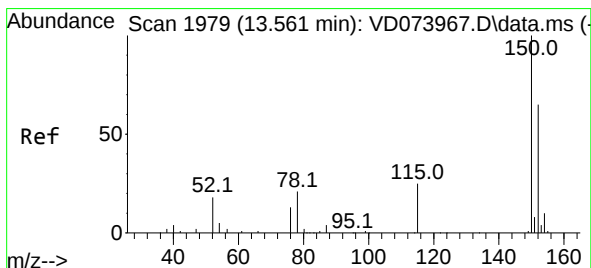
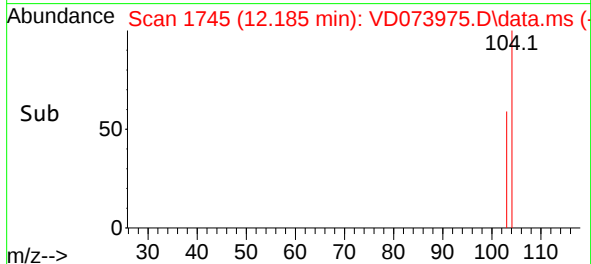
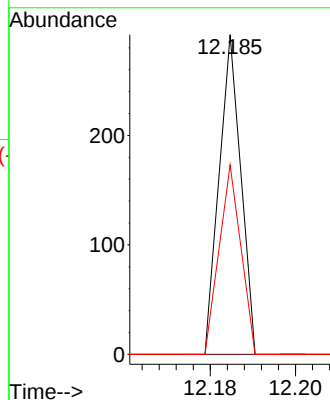
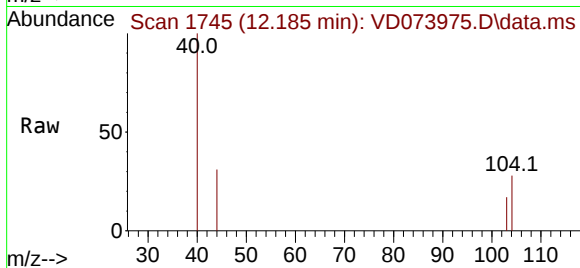




#70
Styrene
Concen: 3.865 ug/l
RT: 12.185 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

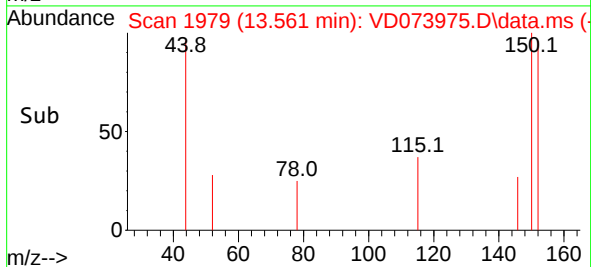
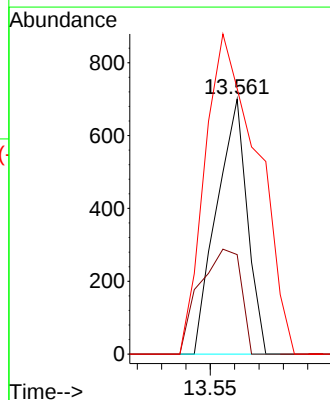
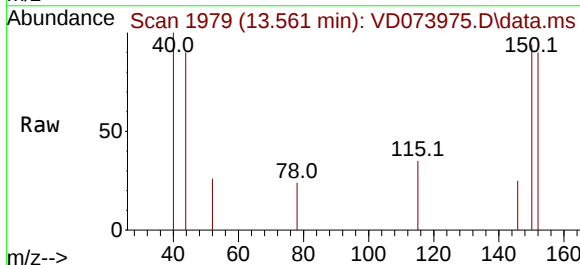
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

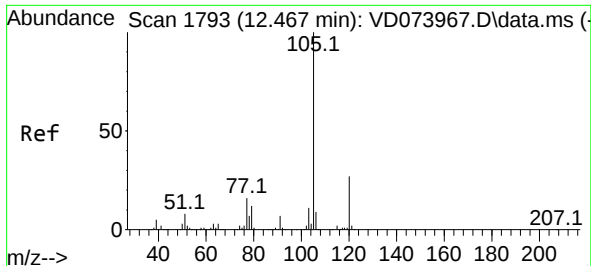
Tgt Ion:104 Resp: 103
Ion Ratio Lower Upper
104 100
78 0.0 38.4 57.6#
103 59.2 43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion:152 Resp: 611
Ion Ratio Lower Upper
152 100
115 55.5 30.4 91.3
150 215.4 0.0 357.2

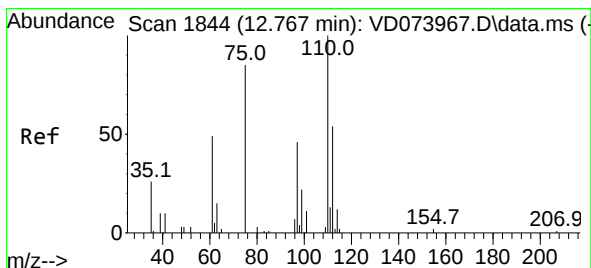
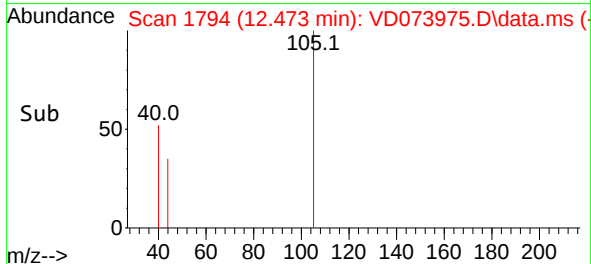
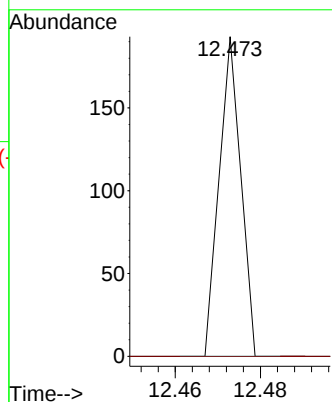
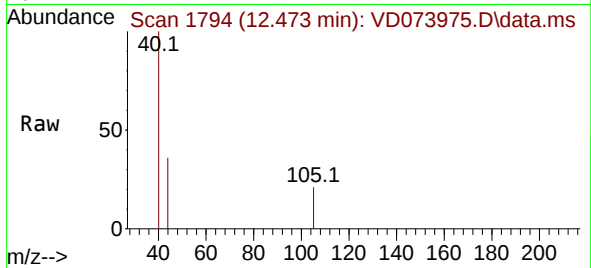




#73
Isopropylbenzene
Concen: 1.627 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

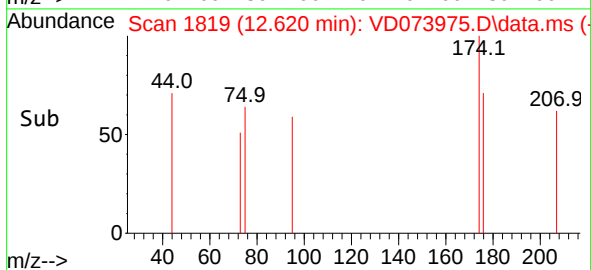
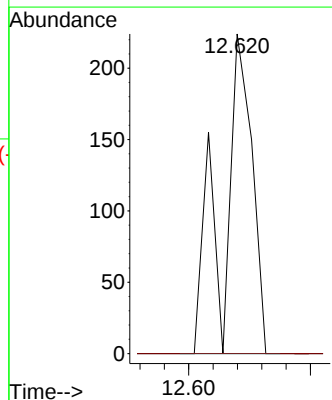
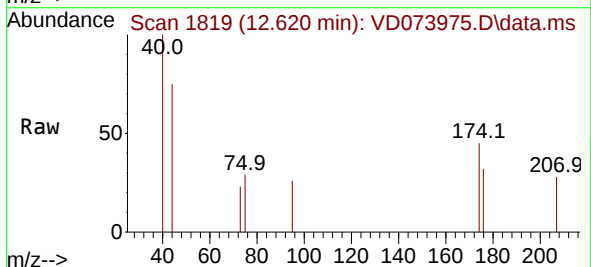
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

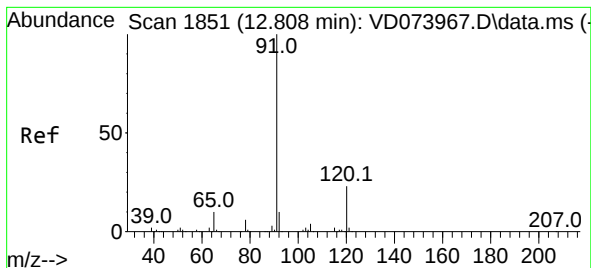
Tgt Ion:105 Resp: 68
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



#76
1,2,3-Trichloropropane
Concen: 33.213 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 8.786 ug/l

RT: 12.796 min Scan# 1849

Delta R.T. -0.012 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

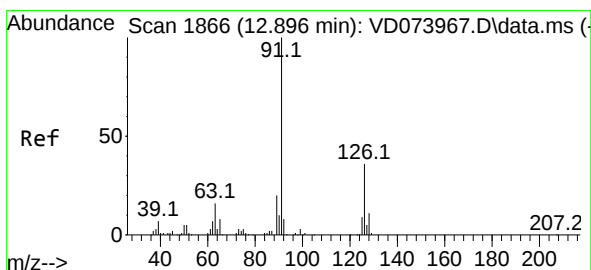
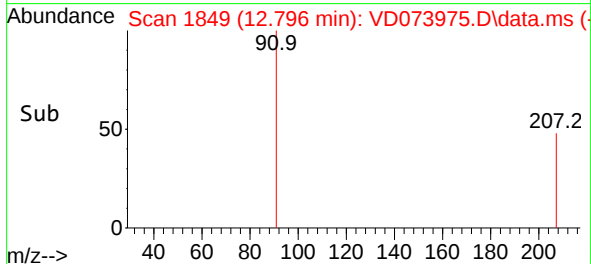
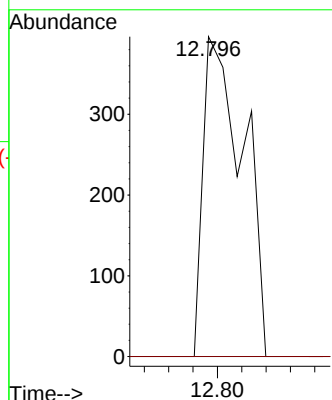
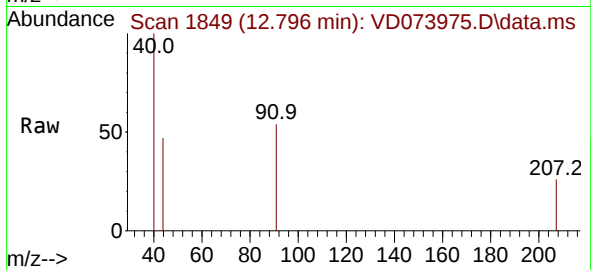
COMP-2

Tgt Ion: 91 Resp: 452

Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.7#



#79

2-Chlorotoluene

Concen: 10.194 ug/l

RT: 12.890 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VD073975.D

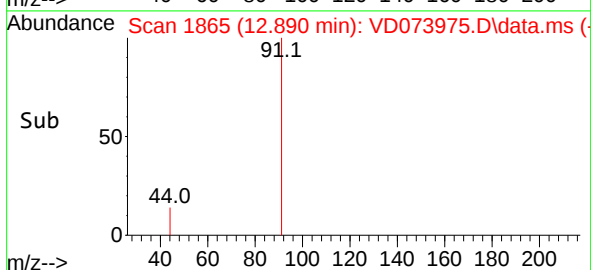
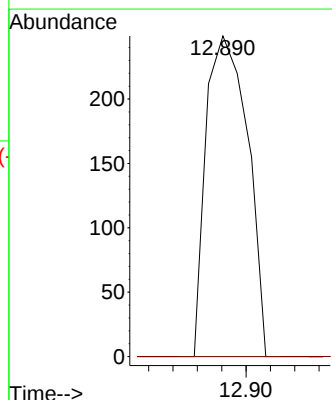
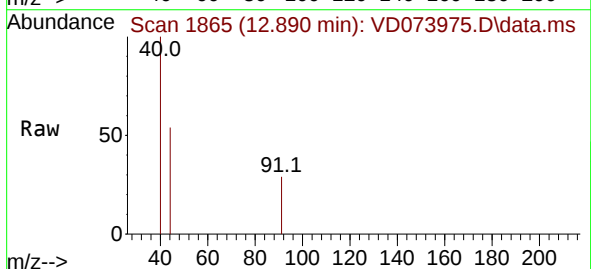
Acq: 08 Aug 2022 16:24

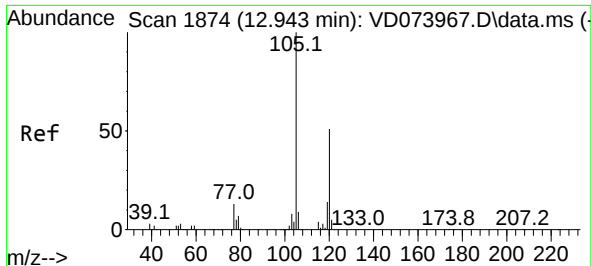
Tgt Ion: 91 Resp: 295

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#

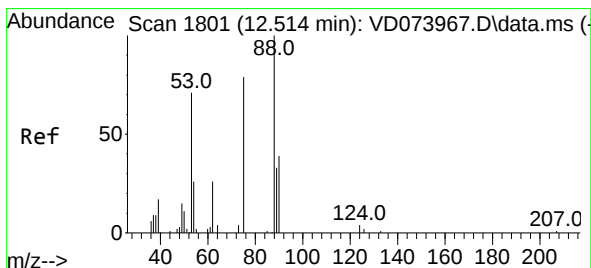
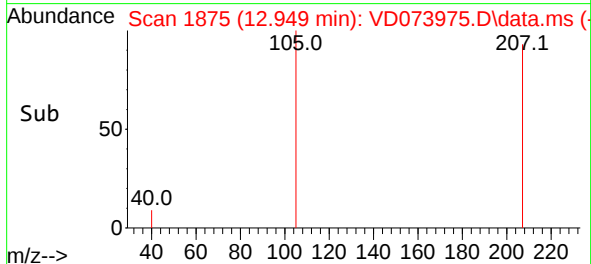
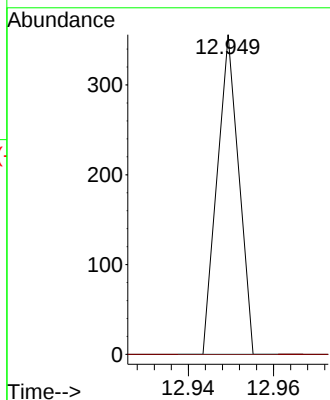
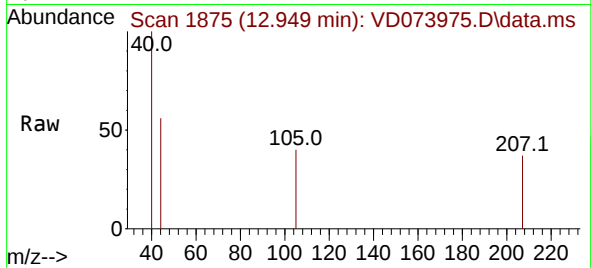




#80
 1,3,5-Trimethylbenzene
 Concen: 3.545 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VD073975.D
 Acq: 08 Aug 2022 16:24

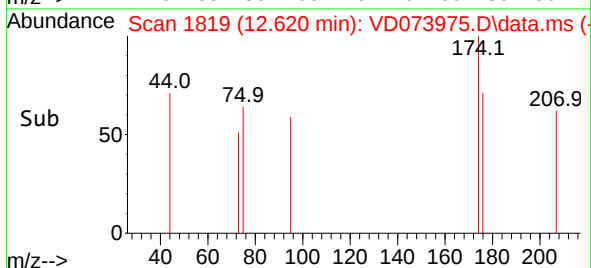
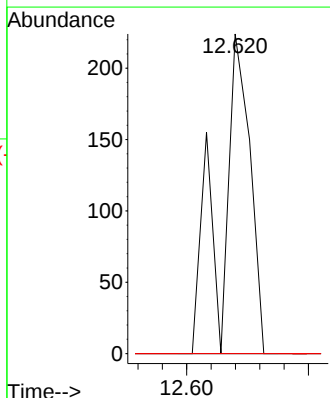
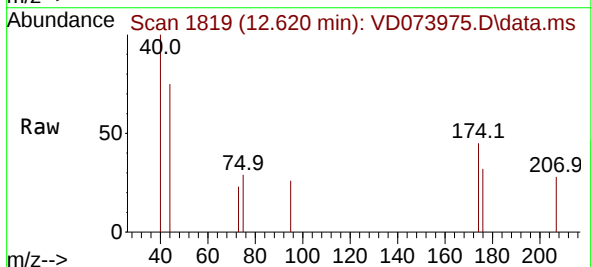
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

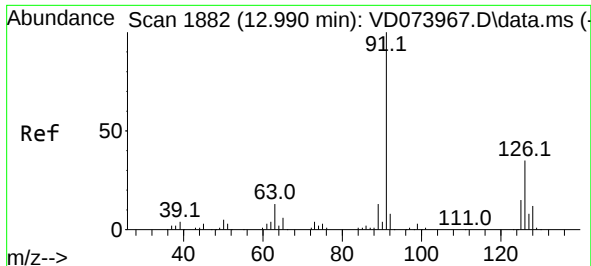
Tgt Ion:105 Resp: 126
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.2 75.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.385 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073975.D
 Acq: 08 Aug 2022 16:24

Tgt Ion: 75 Resp: 187
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.6#
 89 0.0 37.8 56.8#

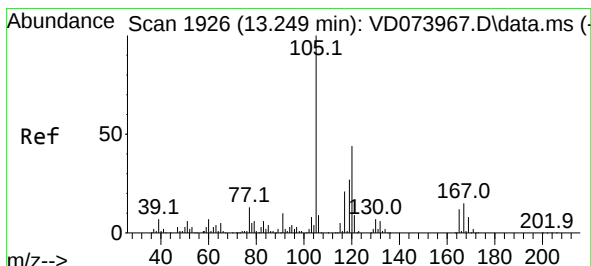
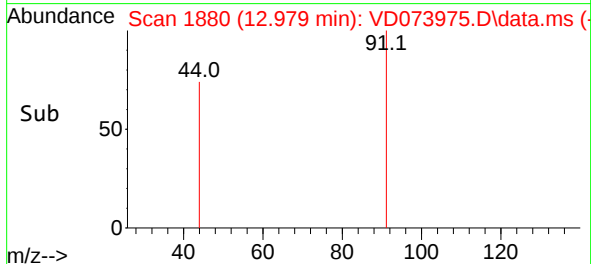
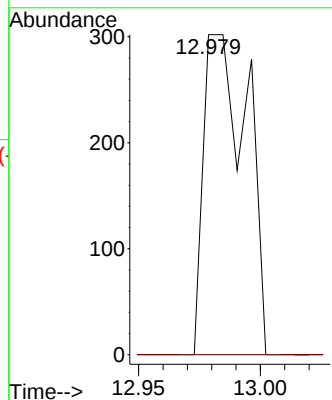
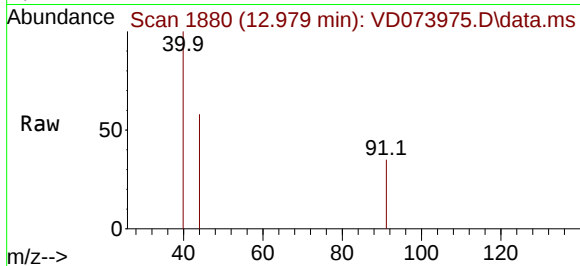




#82
4-Chlorotoluene
Concen: 12.098 ug/l
RT: 12.979 min Scan# 1880
Delta R.T. -0.012 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

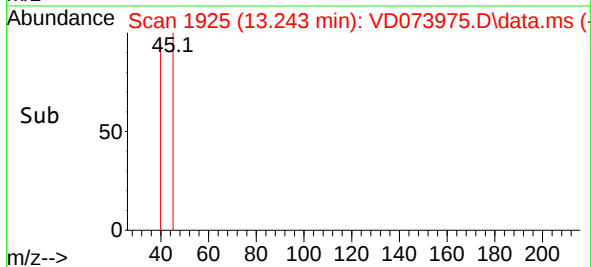
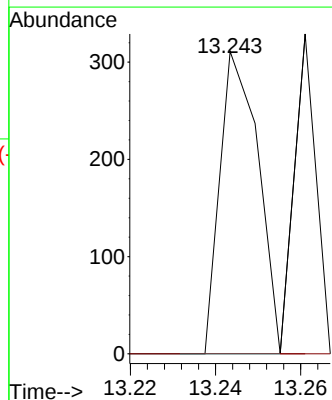
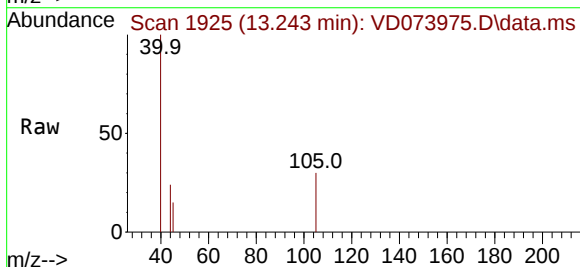
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

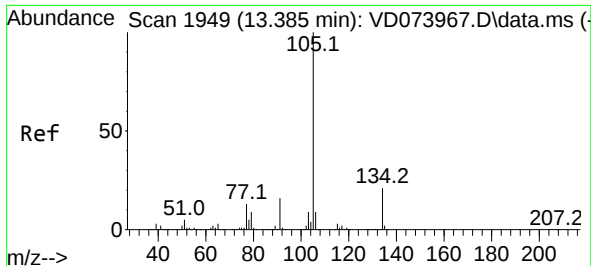
Tgt Ion: 91 Resp: 373
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#84
1,2,4-Trimethylbenzene
Concen: 5.425 ug/l
RT: 13.243 min Scan# 1925
Delta R.T. -0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

Tgt Ion: 105 Resp: 193
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.0#

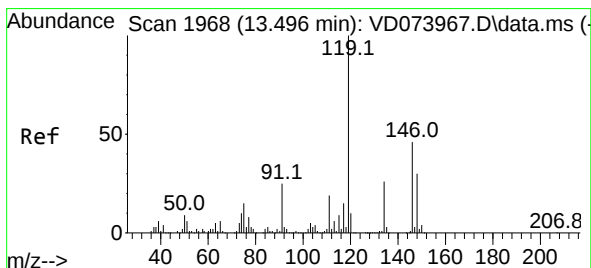
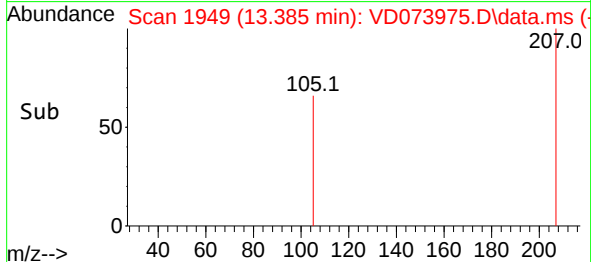
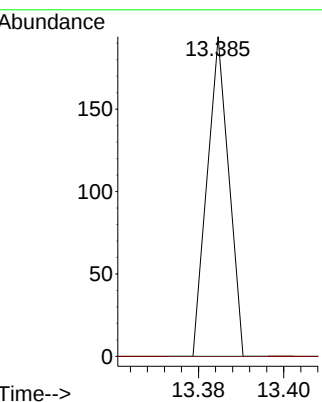
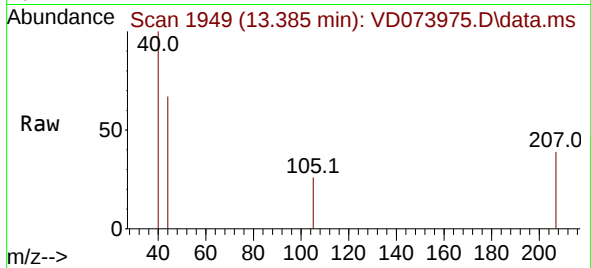




#85
 sec-Butylbenzene
 Concen: 1.458 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073975.D
 Acq: 08 Aug 2022 16:24

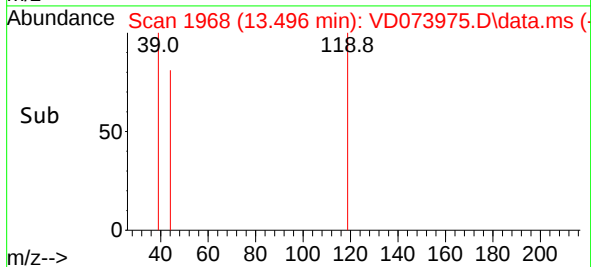
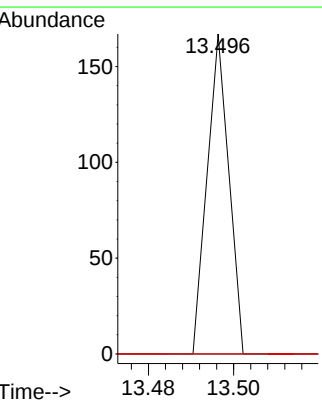
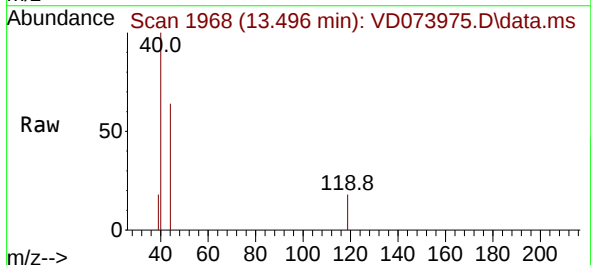
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

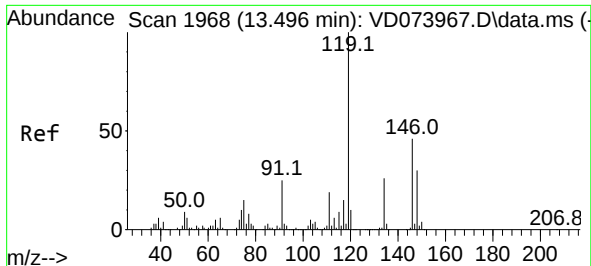
Tgt Ion:105 Resp: 68
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 1.492 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.000 min
 Lab File: VD073975.D
 Acq: 08 Aug 2022 16:24

Tgt Ion:119 Resp: 59
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 0.0 11.9 35.7#





#87

1,3-Dichlorobenzene

Concen: 5.579 ug/l

RT: 13.485 min Scan# 1968

Delta R.T. -0.012 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

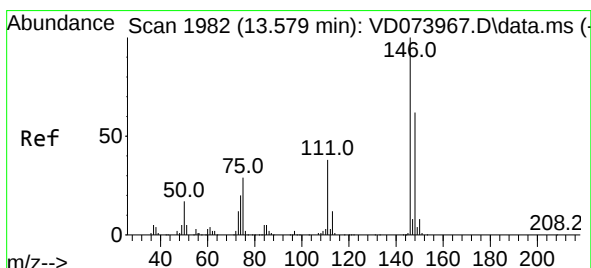
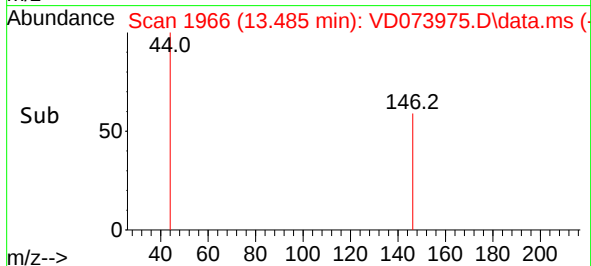
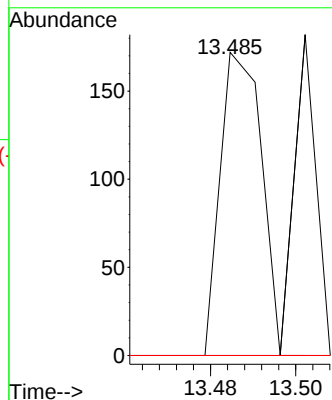
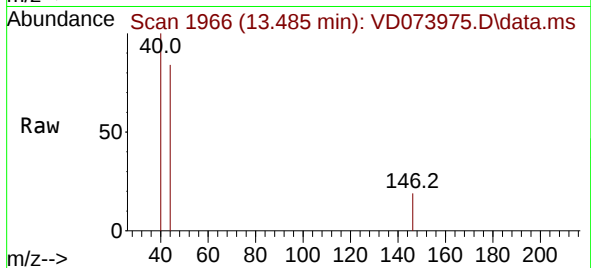
Tgt Ion:146 Resp: 115

Ion Ratio Lower Upper

146 100

111 0.0 20.2 60.5#

148 0.0 32.0 96.2#



#88

1,4-Dichlorobenzene

Concen: 20.821 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

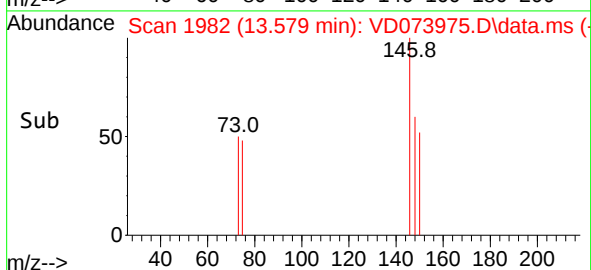
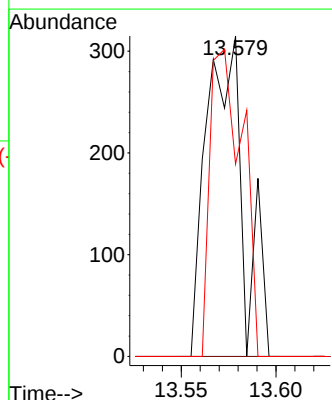
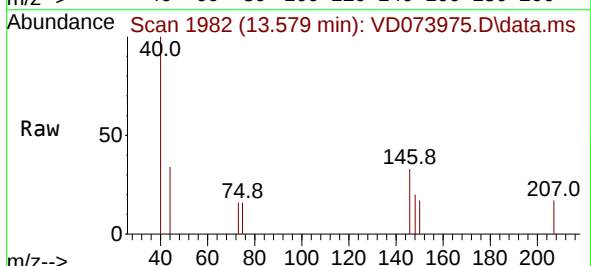
Tgt Ion:146 Resp: 431

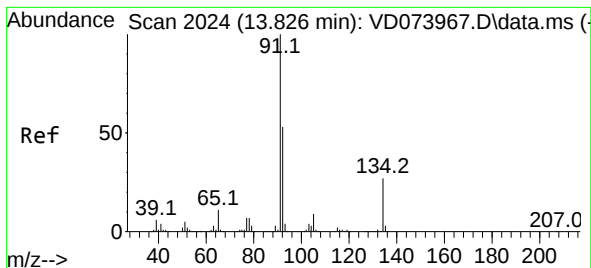
Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.7#

148 83.8 31.4 94.3





#89

n-Butylbenzene

Concen: 2.148 ug/l

RT: 13.820 min Scan# 2030

Delta R.T. -0.006 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

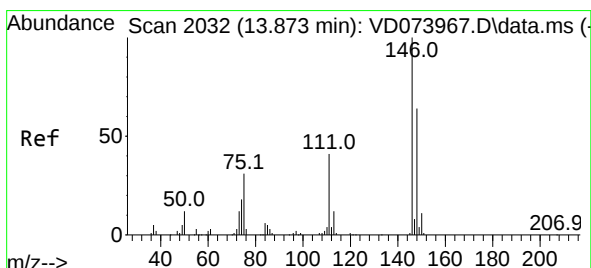
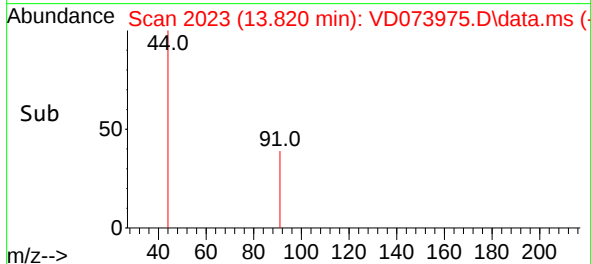
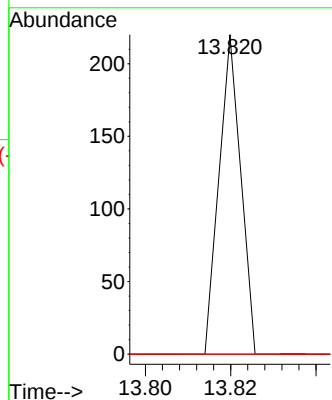
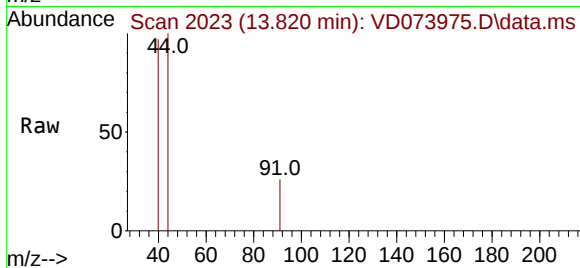
Tgt Ion: 91 Resp: 78

Ion Ratio Lower Upper

91 100

92 0.0 26.3 78.8#

134 0.0 13.3 39.8#



#91

1,2-Dichlorobenzene

Concen: 13.510 ug/l

RT: 13.867 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD073975.D

Acq: 08 Aug 2022 16:24

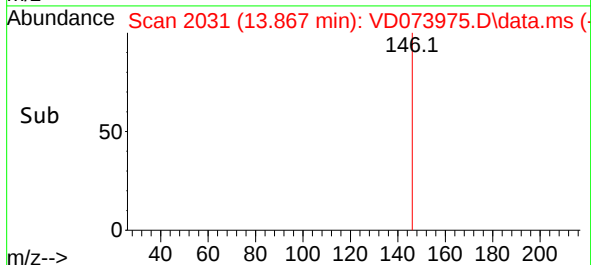
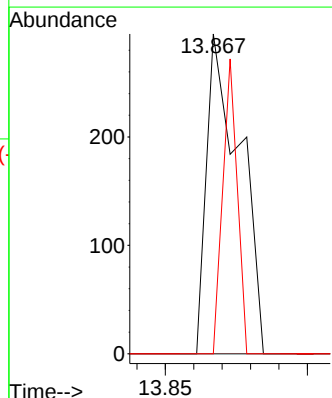
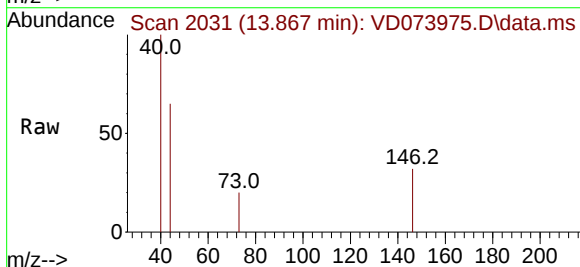
Tgt Ion:146 Resp: 240

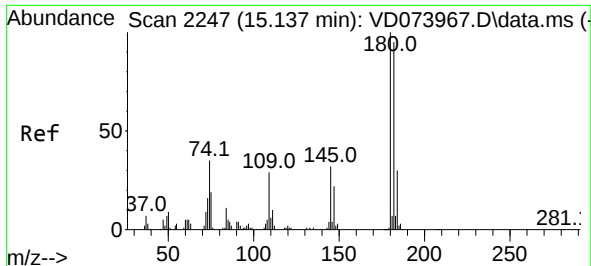
Ion Ratio Lower Upper

146 100

111 0.0 20.8 62.5#

148 40.0 31.9 95.5

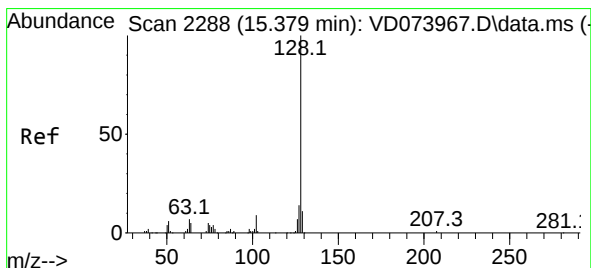
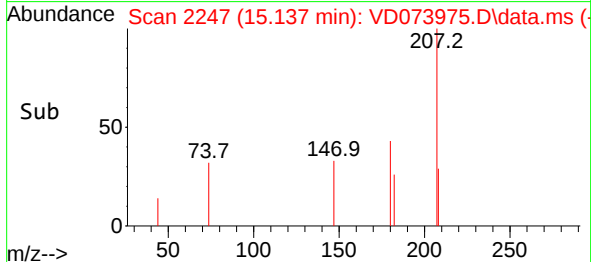
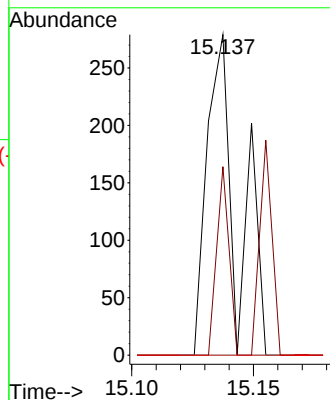
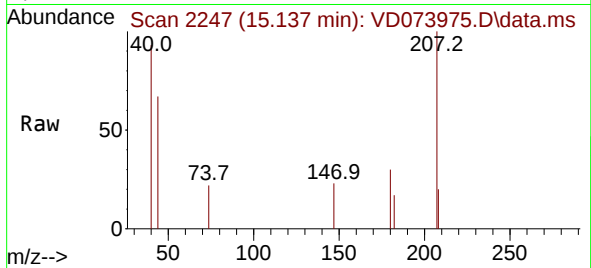




#93
1,2,4-Trichlorobenzene
Concen: 22.859 ug/l
RT: 15.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

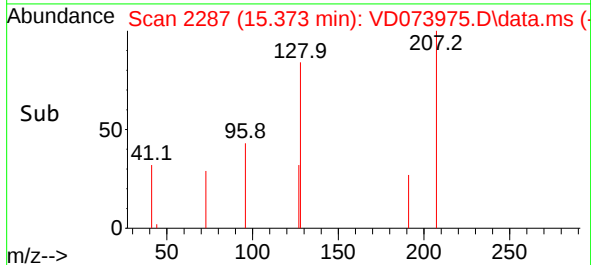
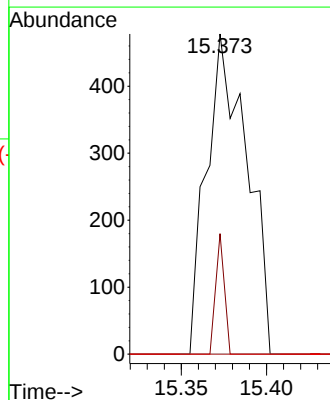
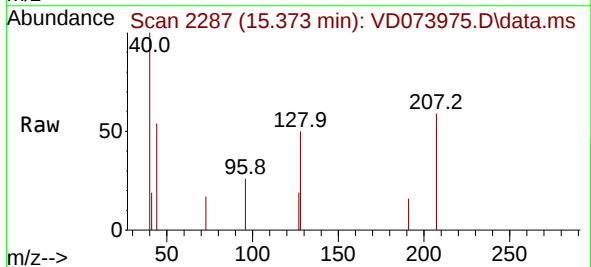
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

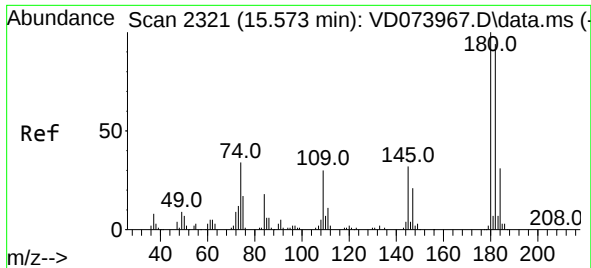
Tgt Ion:180 Resp: 242
Ion Ratio Lower Upper
180 100
182 24.0 48.8 146.4#
145 0.0 16.0 48.0#



#95
Naphthalene
Concen: 40.701 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.006 min
Lab File: VD073975.D
Acq: 08 Aug 2022 16:24

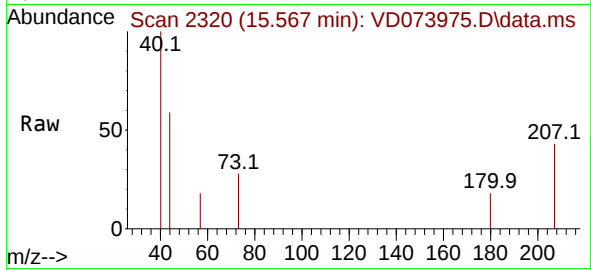
Tgt Ion:128 Resp: 789
Ion Ratio Lower Upper
128 100
127 8.1 10.9 16.3#
129 0.0 8.5 12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 20.108 ug/l
 RT: 15.567 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073975.D
 Acq: 08 Aug 2022 16:24

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2



Tgt Ion:180 Resp: 192
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.9 146.6#
 145 0.0 16.9 50.6#

