

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071451.D
 Acq On : 23 Dec 2021 19:05
 Operator : VA/SY
 Sample : M5044-03
 Misc : 4.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-3-4.5

Quant Time: Dec 24 03:32:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	452688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	790582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	766173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	401227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	265493	44.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.320%
35) Dibromofluoromethane	7.914	113	249243	46.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.332	98	1034717	51.532	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.620	95	444445	62.290	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.580%

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.209	59	658	Below Cal	#	71
13) Acrolein	3.879	56	1631	5.616	ug/l #	1
14) Allyl chloride	4.950	41	110878	12.430	ug/l #	65
15) Acrylonitrile	5.491	53	8972	7.142	ug/l #	30
16) Acetone	4.150	43	66953	44.337	ug/l #	68
17) Carbon Disulfide	4.409	76	17937	1.167	ug/l #	95
18) Methyl Acetate	4.950	43	205340	44.055	ug/l #	51
20) Methylene Chloride	4.962	84	17932	Below Cal	#	80
25) 2-Butanone	7.209	43	21763	12.065	ug/l #	64
31) Cyclohexane	7.961	56	98375	9.632	ug/l #	63
36) 1,1-Dichloropropene	7.979	75	41545	4.894	ug/l #	43
37) Ethyl Acetate	7.209	43	21763	5.553	ug/l #	67
38) Carbon Tetrachloride	7.973	117	49733	5.938	ug/l #	17
39) Methylcyclohexane	9.350	83	137801	13.868	ug/l #	50
43) Isopropyl Acetate	8.444	43	62839	8.080	ug/l #	47
47) Bromodichloromethane	9.638	83	37229	4.482	ug/l #	29
48) Methyl methacrylate	9.485	41	110709	28.766	ug/l #	35
49) 1,4-Dioxane	9.320	88	66	1.785	ug/l #	23
51) 4-Methyl-2-Pentanone	10.261	43	337634	82.517	ug/l #	72
55) 1,1,2-Trichloroethane	10.767	97	226880	54.637	ug/l #	28
56) Ethyl methacrylate	10.673	69	41932	7.674	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.908	63	10330	3.946	ug/l #	49
59) 2-Hexanone	11.950	43	239945	82.962	ug/l #	27
61) 1,2-Dibromoethane	11.208	107	4509	1.096	ug/l #	1
69) o-Xylene	12.173	106	32334	3.183	ug/l	67
71) Bromoform	12.620	173	3750	1.207	ug/l #	29
74) N-amyl acetate	12.261	43	399629	48.153	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.702	83	33304	5.955	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	219487	46.040	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.949	105	143255	5.615	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	219487	130.088	ug/l #	18
84) 1,2,4-Trimethylbenzene	13.255	105	48295	1.913	ug/l	95
85) sec-Butylbenzene	13.391	105	74328	2.236	ug/l #	66
86) p-Isopropyltoluene	13.661	119	95962	3.480	ug/l	92
89) n-Butylbenzene	13.802	91	121370	4.484	ug/l #	1
90) Hexachloroethane	14.102	117	228348	43.708	ug/l #	14

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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

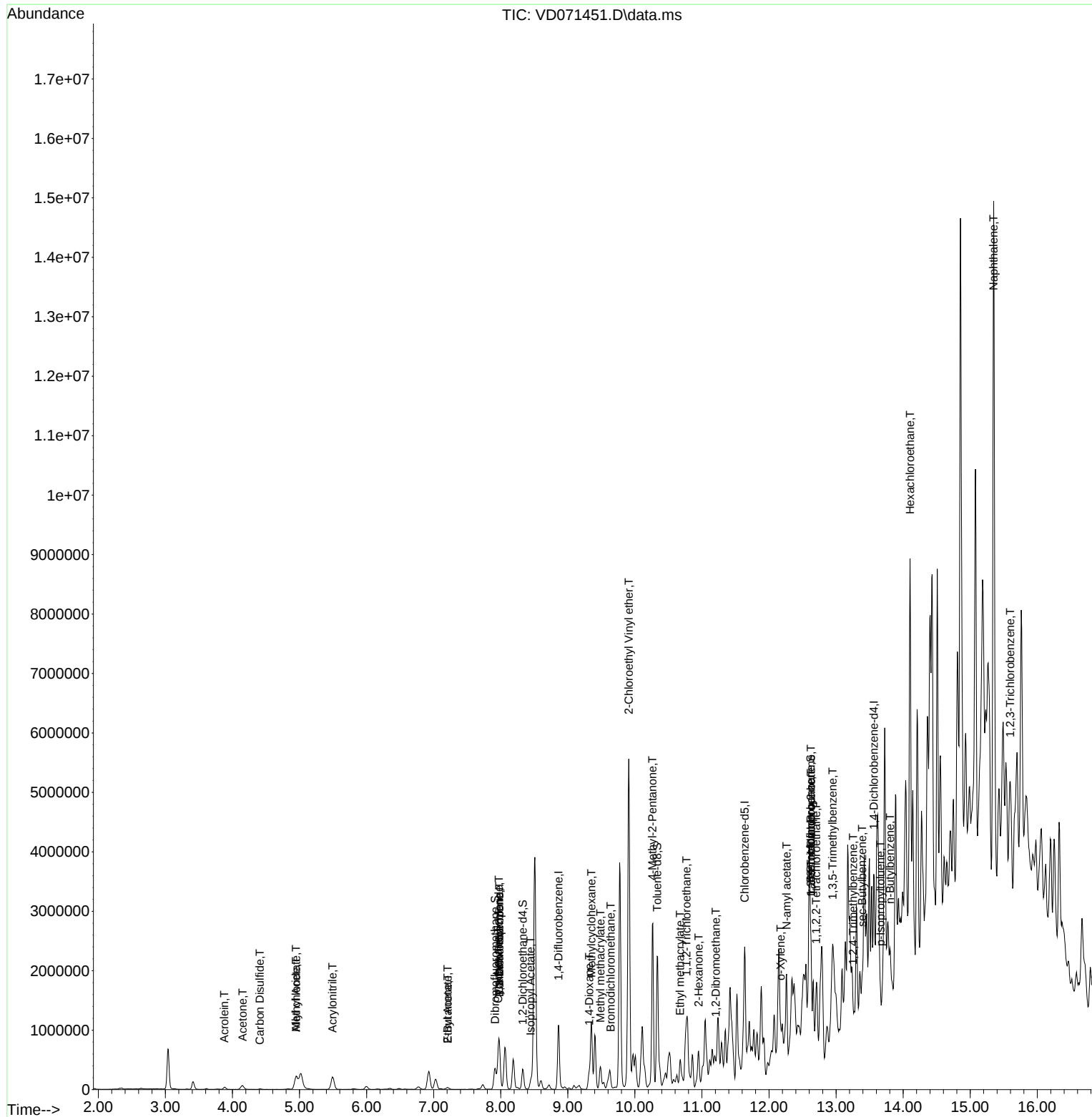
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.349	128	97067	7.113	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.596	180	26393	4.256	ug/l #	13

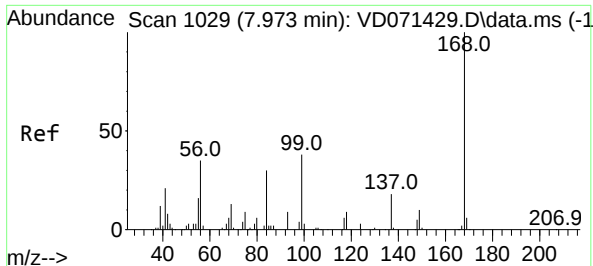
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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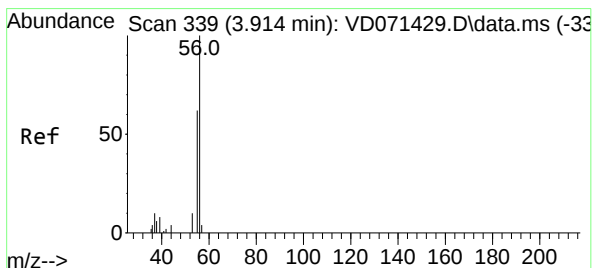
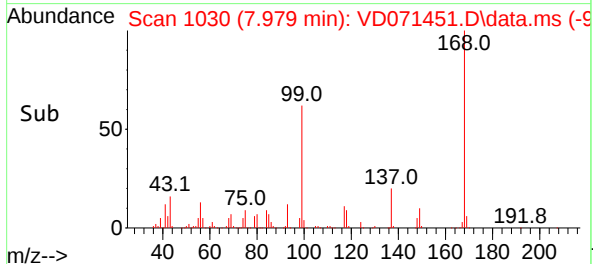
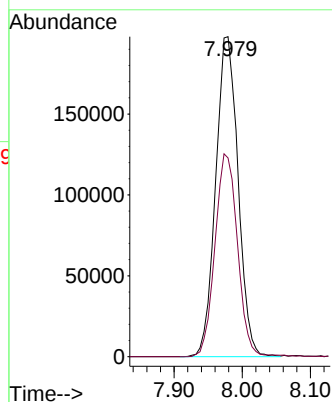
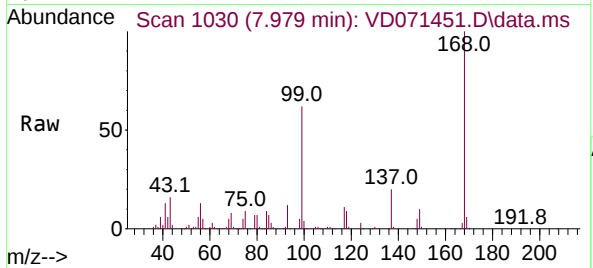




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

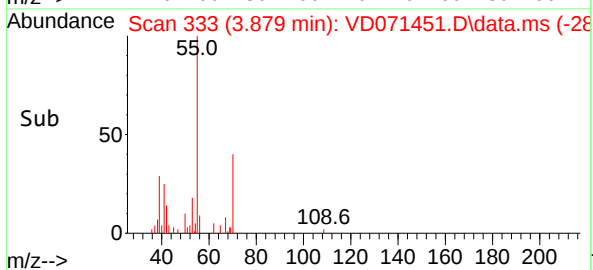
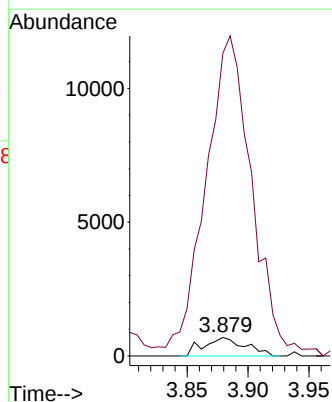
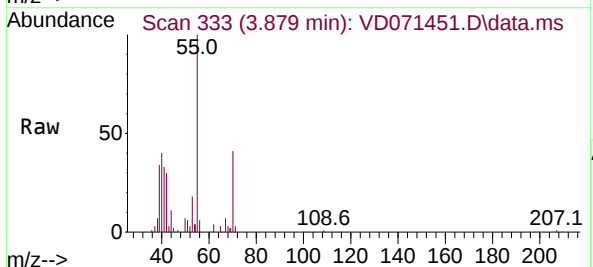
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

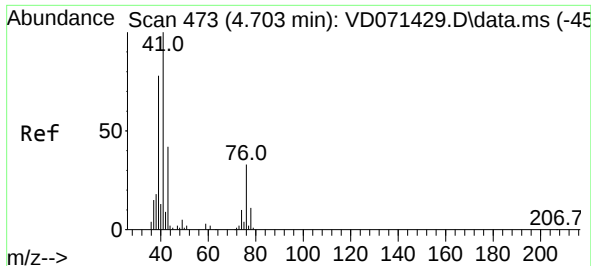
Tgt Ion:168 Resp: 452688
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#13
Acrolein
Concen: 5.616 ug/l
RT: 3.879 min Scan# 333
Delta R.T. -0.035 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 56 Resp: 1631
Ion Ratio Lower Upper
56 100
55 1947.8 58.6 87.8#

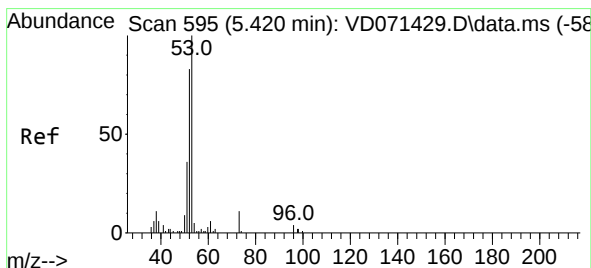
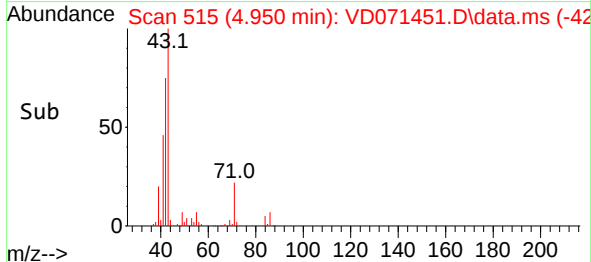
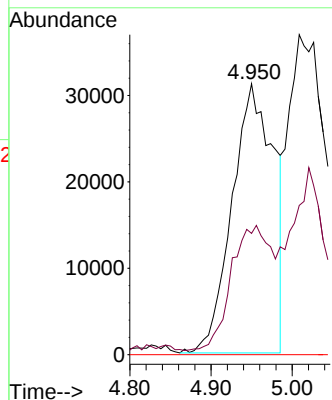
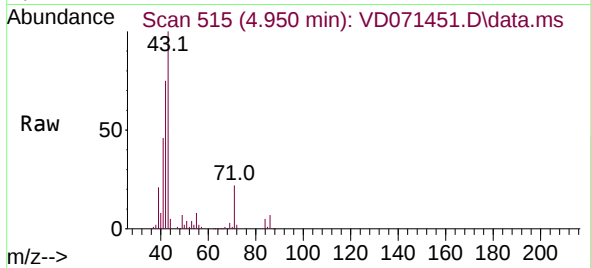




#14
 Allyl chloride
 Concen: 12.430 ug/l
 RT: 4.950 min Scan# 51
 Delta R.T. 0.247 min
 Lab File: VD071451.D
 Acq: 23 Dec 2021 19:05

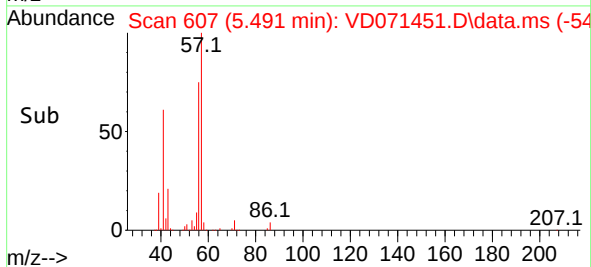
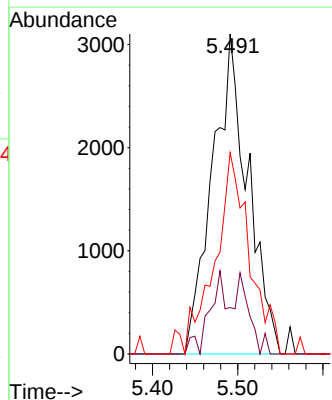
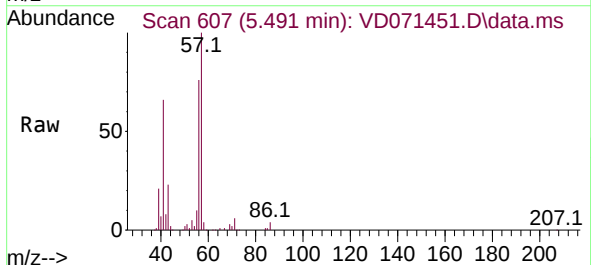
Instrument :
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 ClientSampleId :
 DA-3-4.5

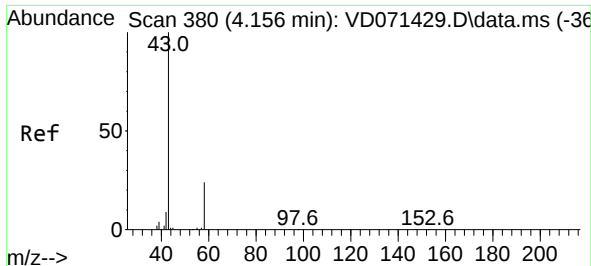
Tgt Ion: 41 Resp: 110878
 Ion Ratio Lower Upper
 41 100
 39 44.4 45.6 68.4#
 76 0.0 30.2 45.4#



#15
 Acrylonitrile
 Concen: 7.142 ug/l
 RT: 5.491 min Scan# 607
 Delta R.T. 0.071 min
 Lab File: VD071451.D
 Acq: 23 Dec 2021 19:05

Tgt Ion: 53 Resp: 8972
 Ion Ratio Lower Upper
 53 100
 52 8.4 63.8 95.8#
 51 62.8 28.5 42.7#

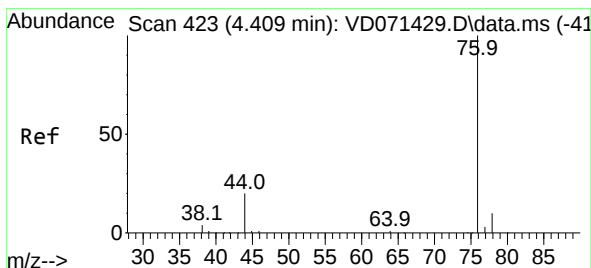
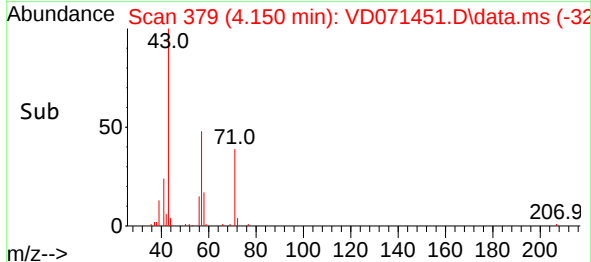
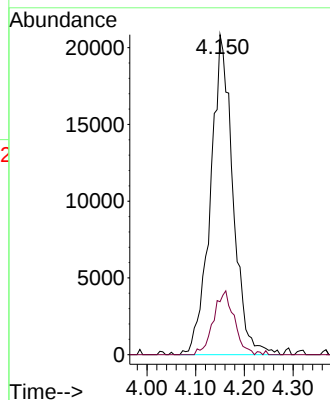
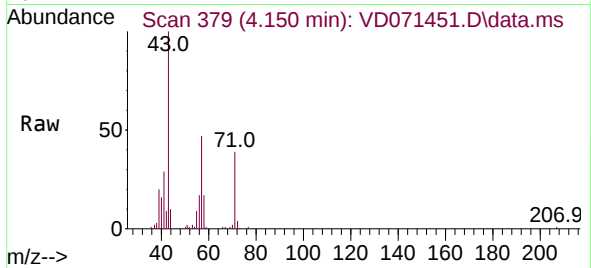




#16
Acetone
Concen: 44.337 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

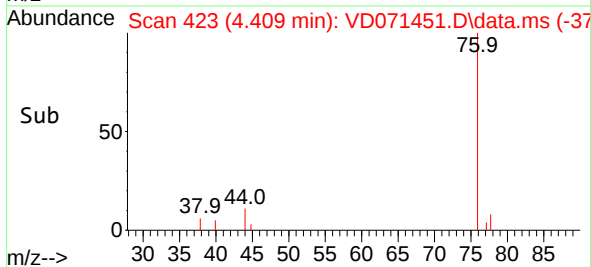
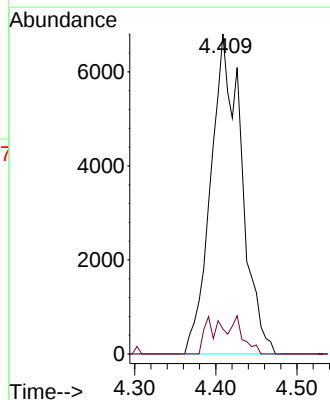
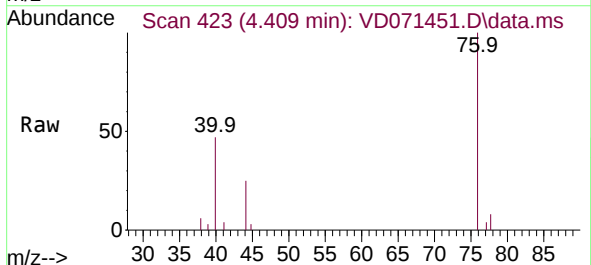
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

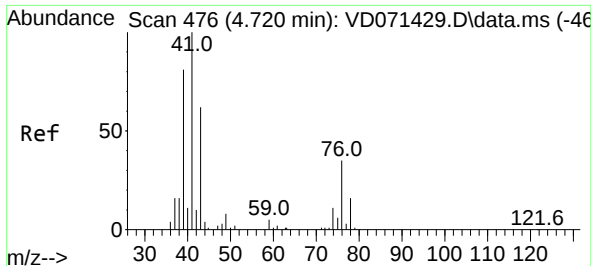
Tgt Ion: 43 Resp: 66953
Ion Ratio Lower Upper
43 100
58 16.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 1.167 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 76 Resp: 17937
Ion Ratio Lower Upper
76 100
78 7.8 7.8 11.8#





#18

Methyl Acetate

Concen: 44.055 ug/l

RT: 4.950 min Scan# 515

Delta R.T. 0.230 min

Lab File: VD071451.D

Acq: 23 Dec 2021 19:05

Instrument :

MSVOA_D

ClientSampleId :

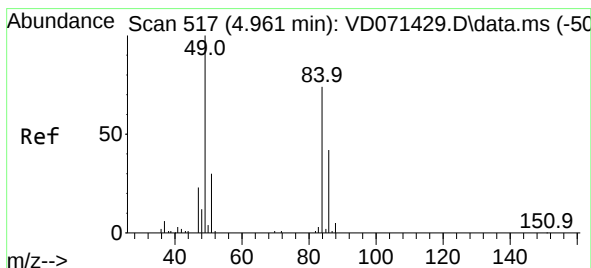
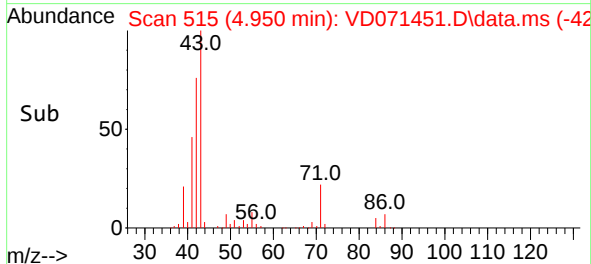
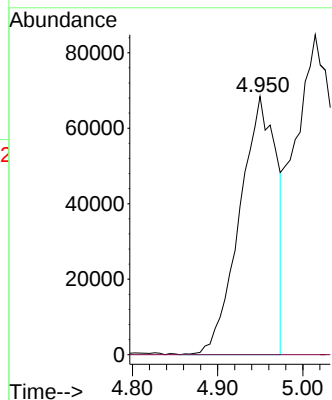
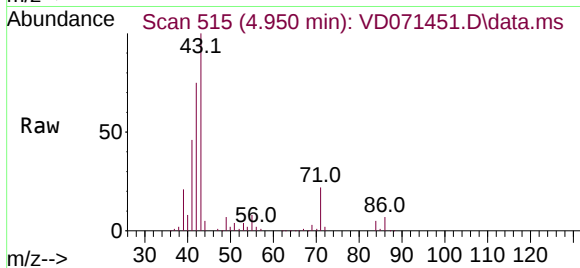
DA-3-4.5

Tgt Ion: 43 Resp: 205340

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. 0.001 min

Lab File: VD071451.D

Acq: 23 Dec 2021 19:05

Tgt Ion: 84 Resp: 17932

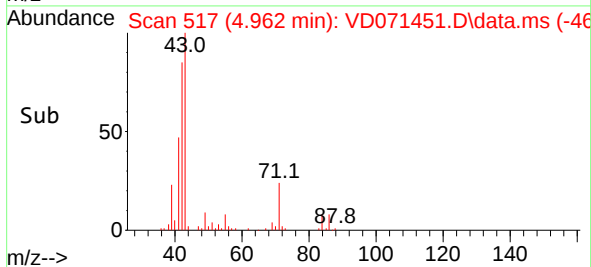
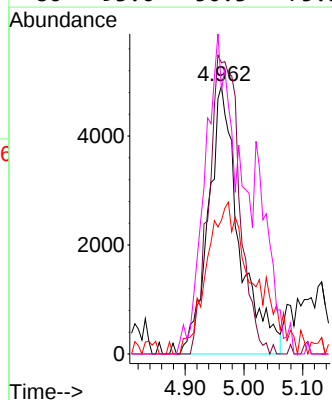
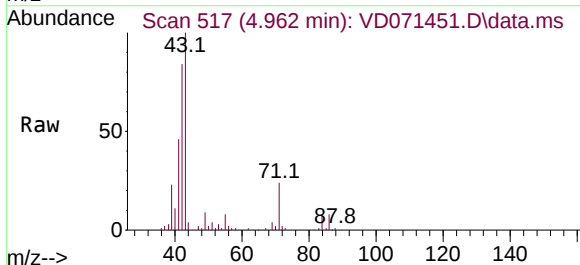
Ion Ratio Lower Upper

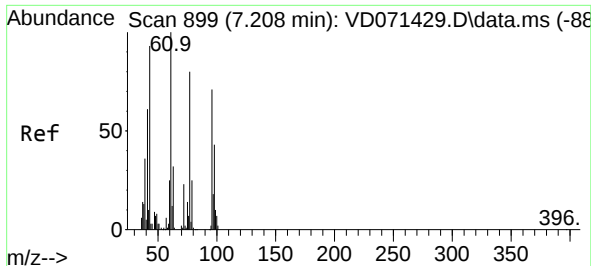
84 100

49 108.5 95.8 143.6

51 49.9 30.9 46.3#

86 93.6 50.3 75.5#

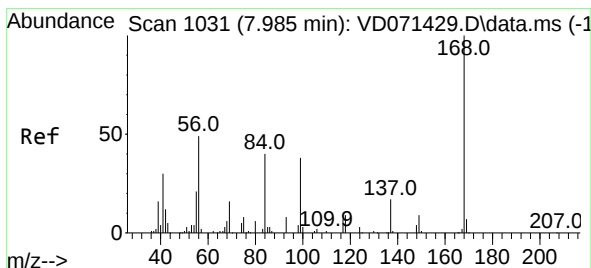
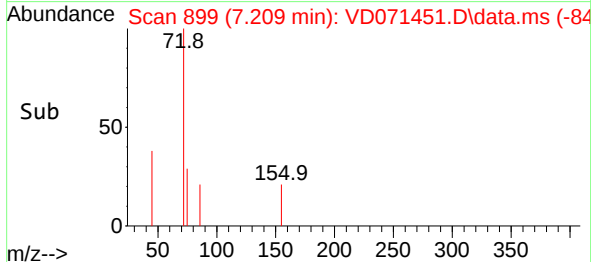
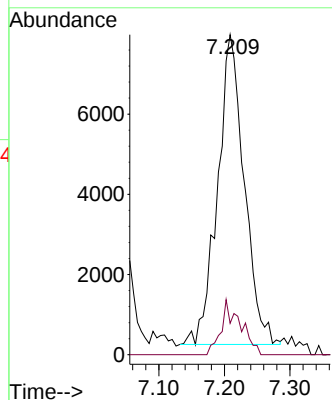
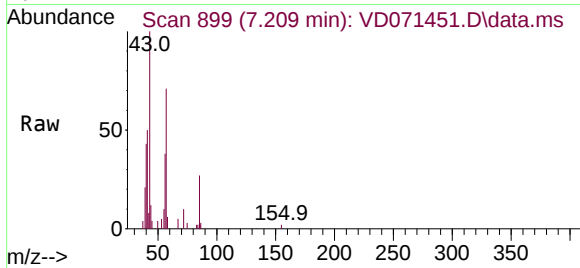




#25
2-Butanone
Concen: 12.065 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

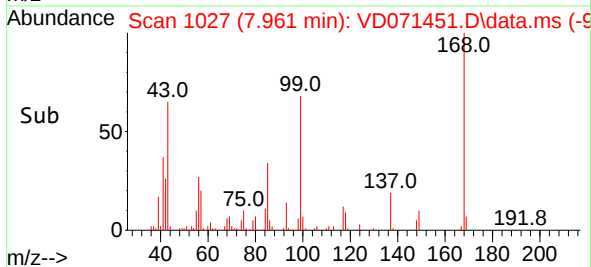
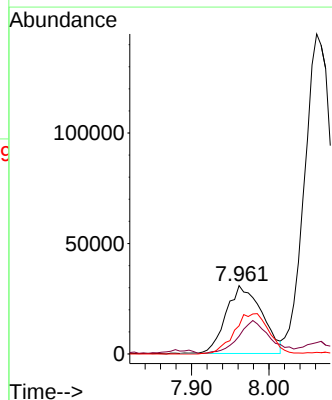
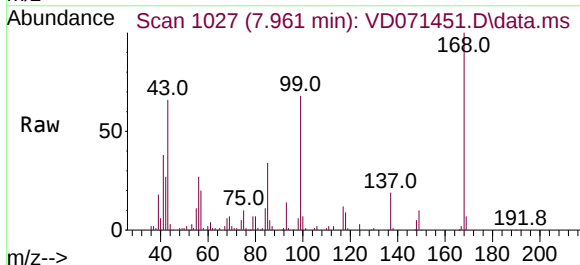
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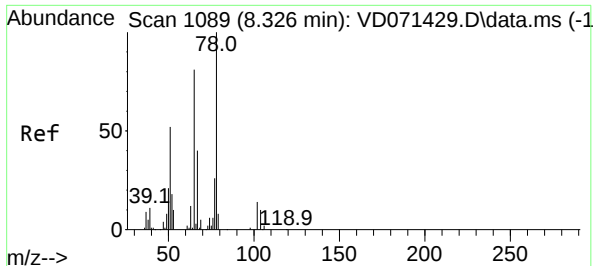
Tgt Ion: 43 Resp: 21763
Ion Ratio Lower Upper
43 100
72 10.1 23.8 35.6#



#31
Cyclohexane
Concen: 9.632 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.024 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 56 Resp: 98375
Ion Ratio Lower Upper
56 100
69 21.9 25.9 38.9#
84 41.7 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 44.160 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071451.D

Acq: 23 Dec 2021 19:05

Instrument :

MSVOA_D

ClientSampleId :

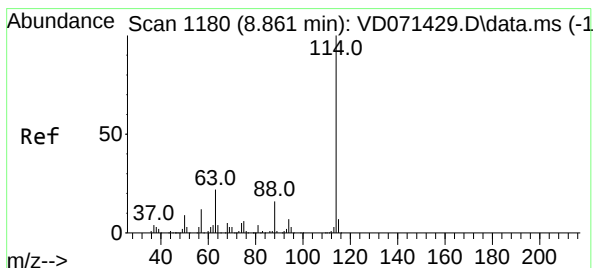
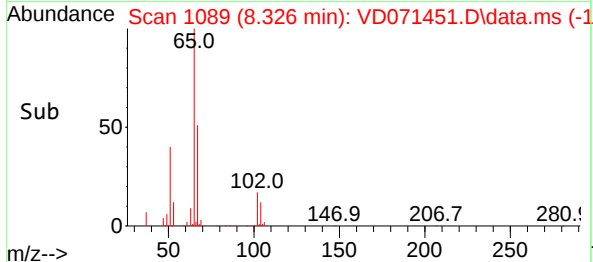
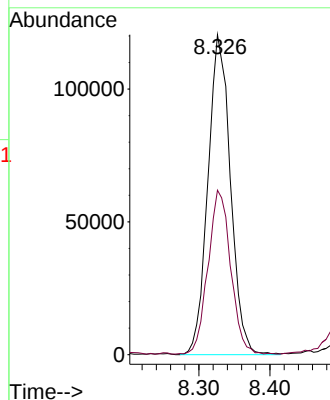
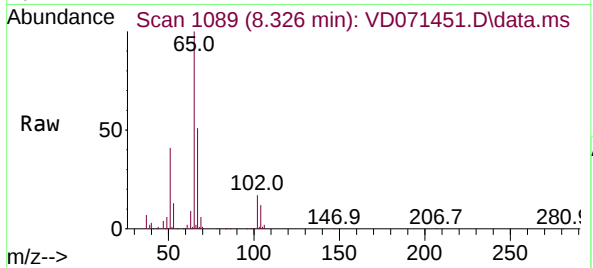
DA-3-4.5

Tgt Ion: 65 Resp: 265493

Ion Ratio Lower Upper

65 100

67 51.2 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071451.D

Acq: 23 Dec 2021 19:05

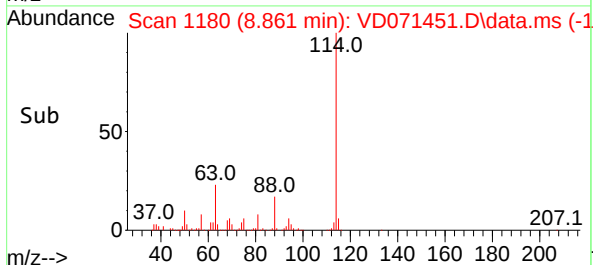
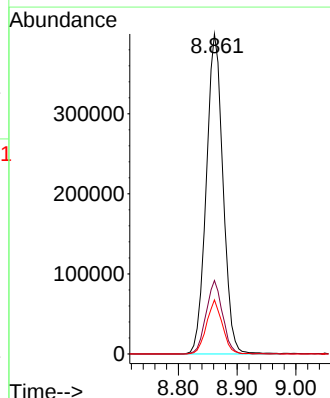
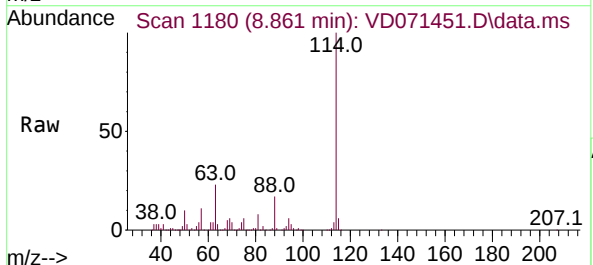
Tgt Ion: 114 Resp: 790582

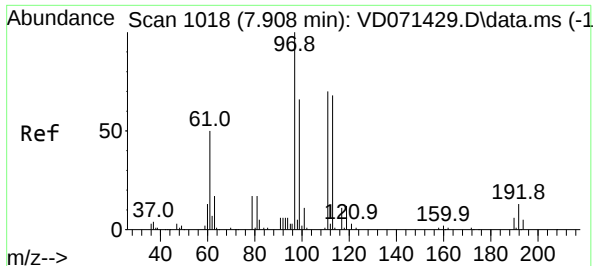
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.909 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071451.D

Acq: 23 Dec 2021 19:05

Instrument :

MSVOA_D

ClientSampleId :

DA-3-4.5

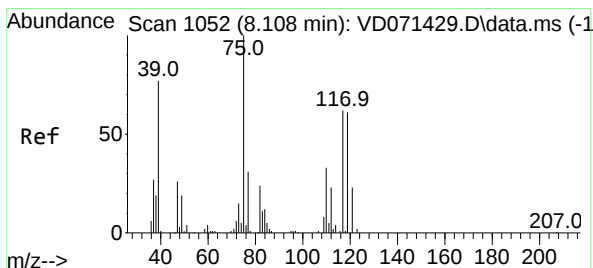
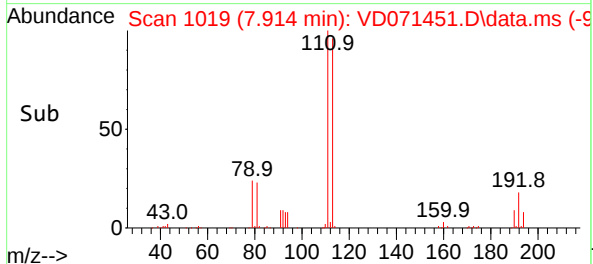
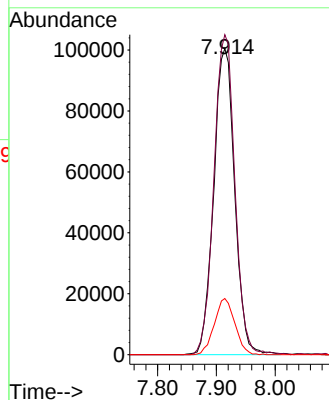
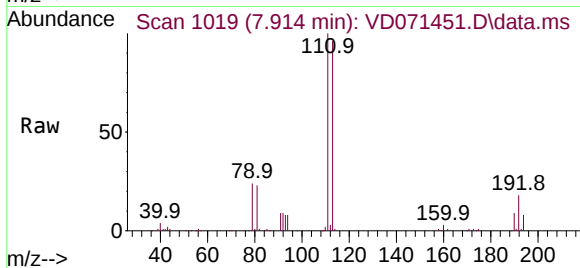
Tgt Ion:113 Resp: 249243

Ion Ratio Lower Upper

113 100

111 104.4 82.0 123.0

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.894 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071451.D

Acq: 23 Dec 2021 19:05

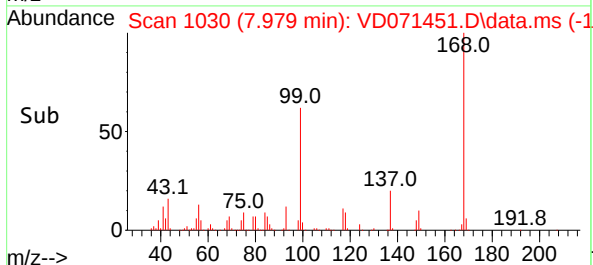
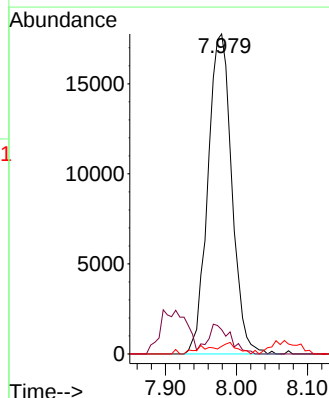
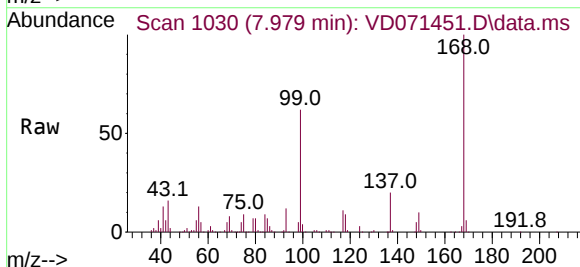
Tgt Ion: 75 Resp: 41545

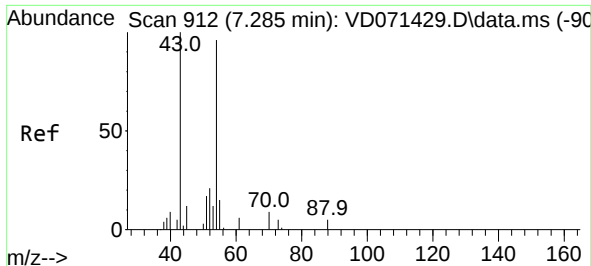
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.4#

77 2.2 24.8 37.2#





#37

Ethyl Acetate

Concen: 5.553 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.076 min

Lab File: VD071451.D

Acq: 23 Dec 2021 19:05

Instrument :

MSVOA_D

ClientSampleId :

DA-3-4.5

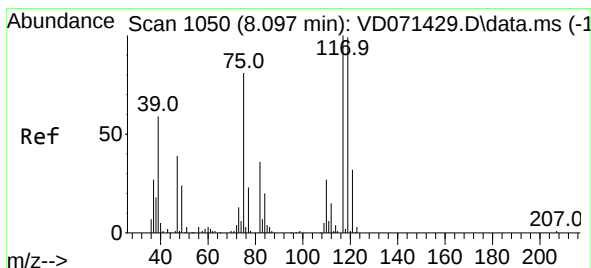
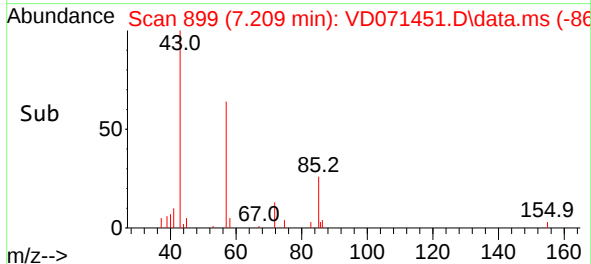
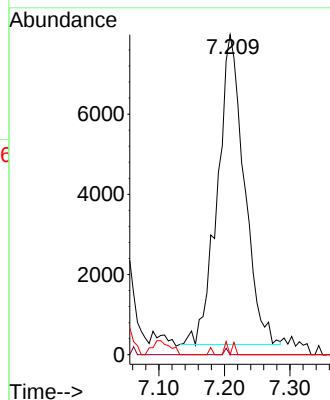
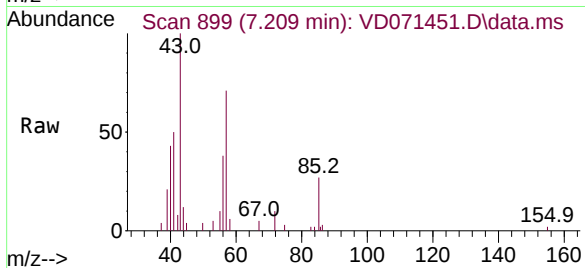
Tgt Ion: 43 Resp: 21763

Ion Ratio Lower Upper

43 100

61 0.3 13.0 19.6#

70 1.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071451.D

Acq: 23 Dec 2021 19:05

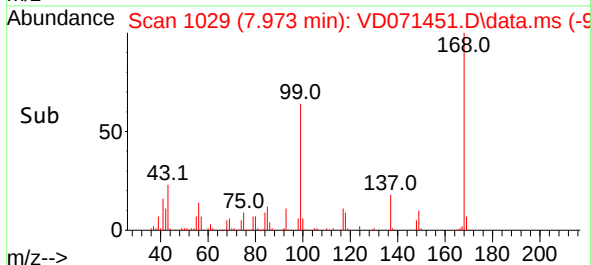
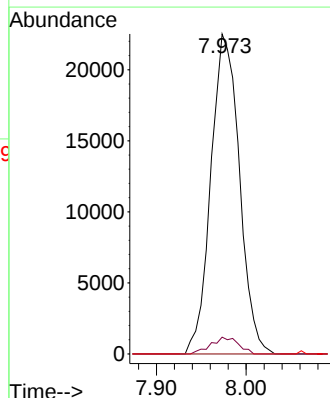
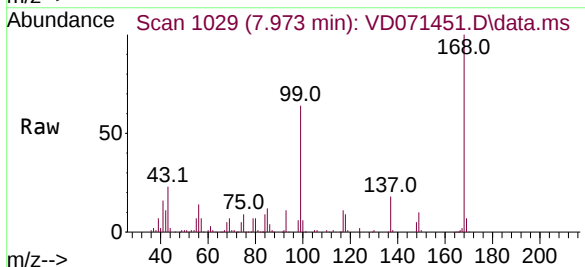
Tgt Ion: 117 Resp: 49733

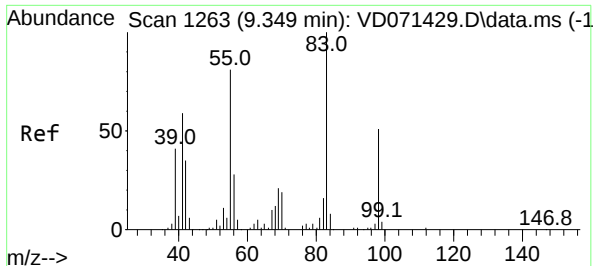
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

121 0.0 23.6 35.4#

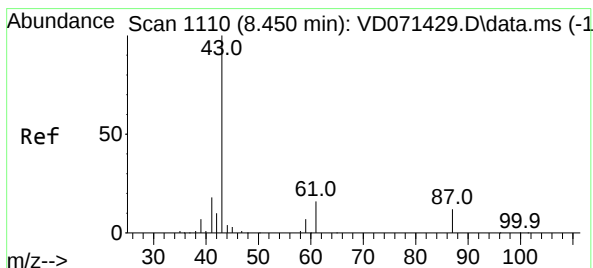
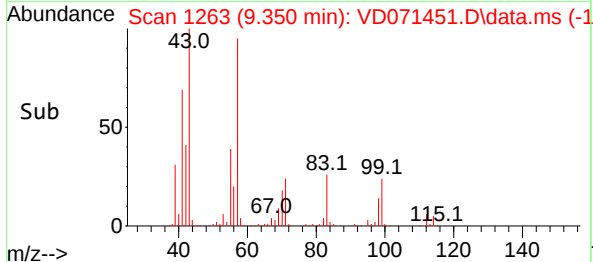
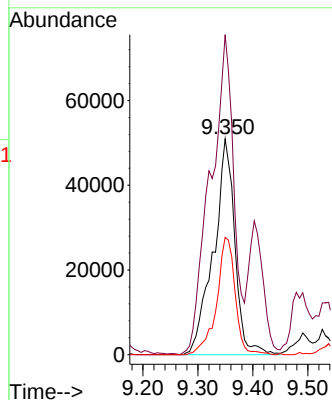
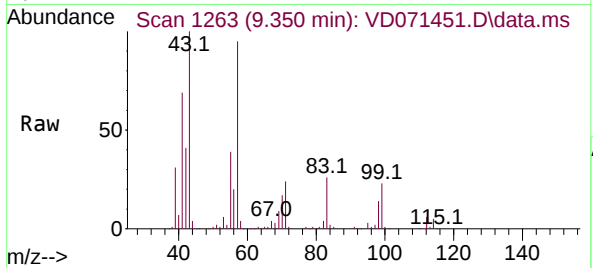




#39
Methylcyclohexane
Concen: 13.868 ug/l
RT: 9.350 min Scan# 1109
Delta R.T. 0.001 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

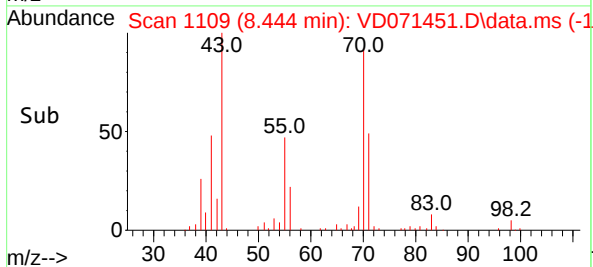
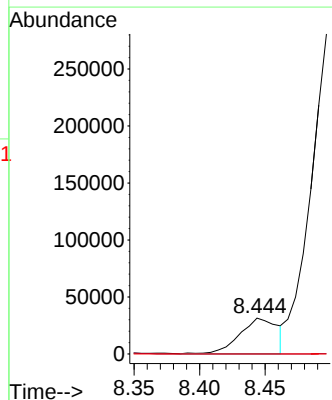
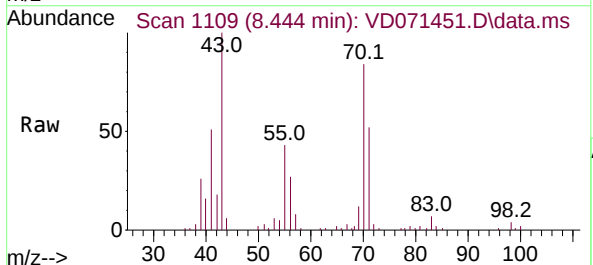
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

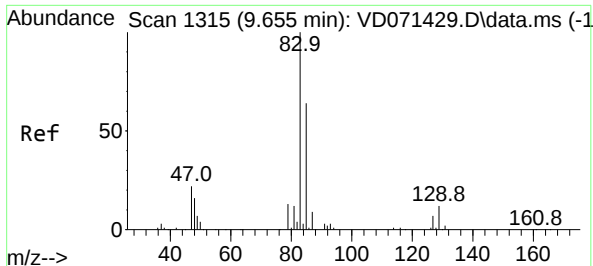
Tgt Ion: 83 Resp: 137801
Ion Ratio Lower Upper
83 100
55 148.3 65.8 98.8#
98 54.3 38.7 58.1



#43
Isopropyl Acetate
Concen: 8.080 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 43 Resp: 62839
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#

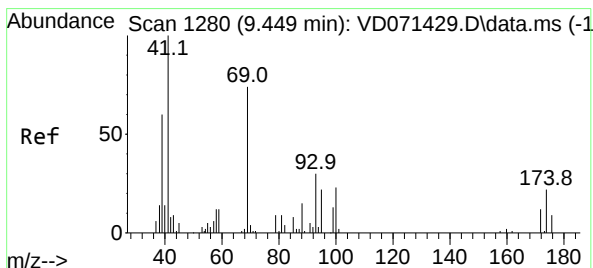
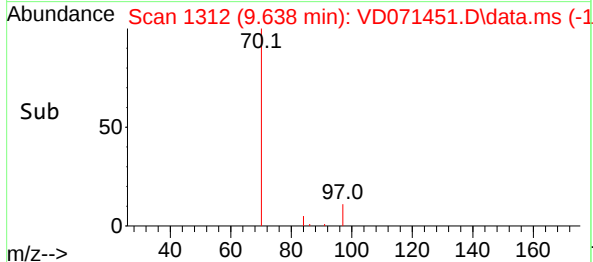
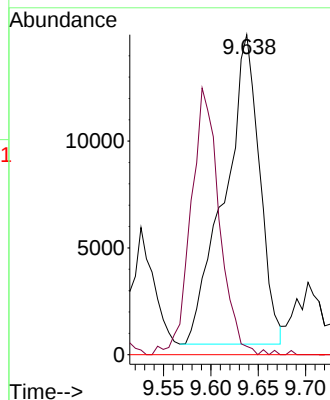
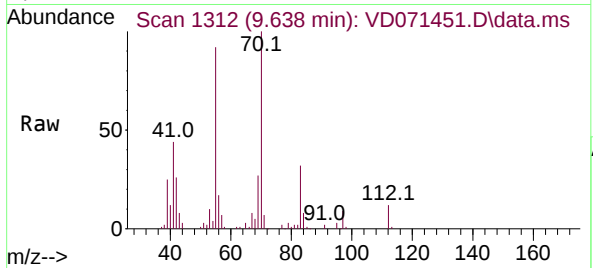




#47
Bromodichloromethane
Concen: 4.482 ug/l
RT: 9.638 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

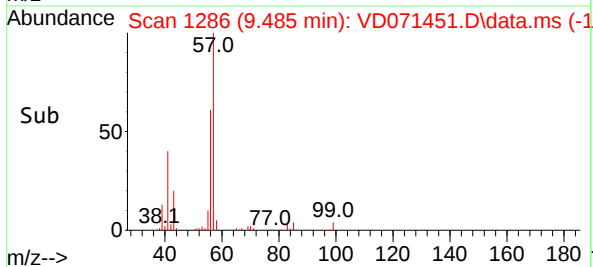
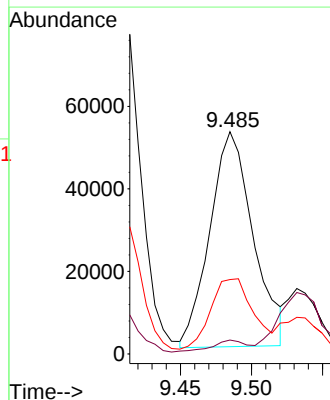
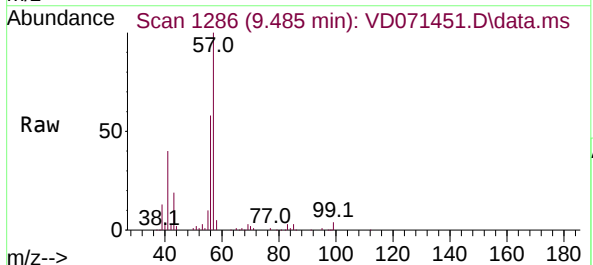
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

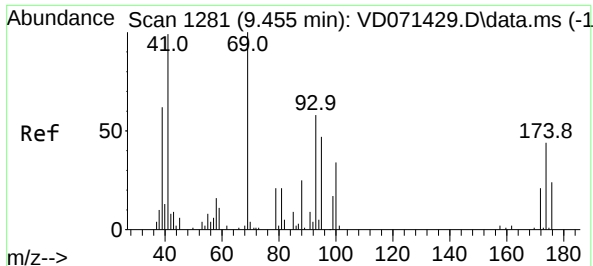
Tgt Ion: 83 Resp: 37229
Ion Ratio Lower Upper
83 100
85 2.7 50.0 75.0#
127 0.0 7.3 10.9#



#48
Methyl methacrylate
Concen: 28.766 ug/l
RT: 9.485 min Scan# 1286
Delta R.T. 0.036 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 41 Resp: 110709
Ion Ratio Lower Upper
41 100
69 4.6 69.8 104.6#
39 32.9 35.6 53.4#

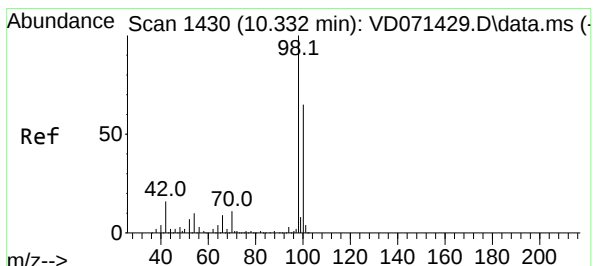
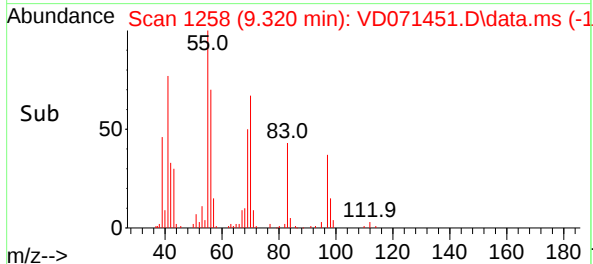
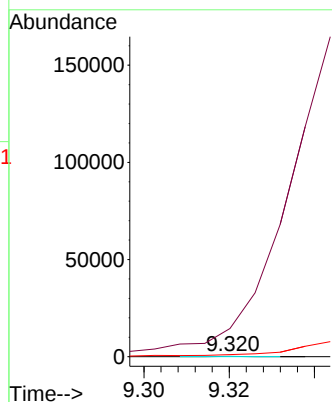
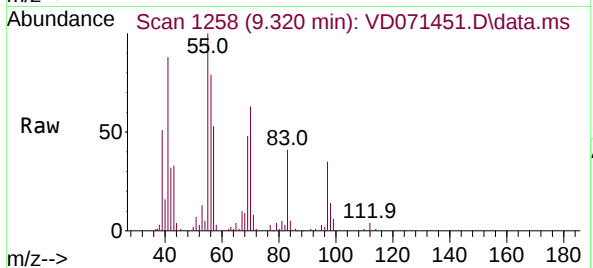




#49
1,4-Dioxane
Concen: 1.785 ug/l
RT: 9.320 min Scan# 1258
Delta R.T. -0.135 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

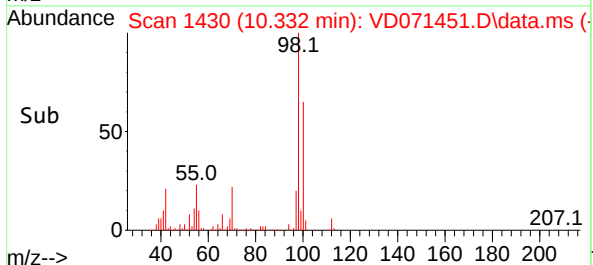
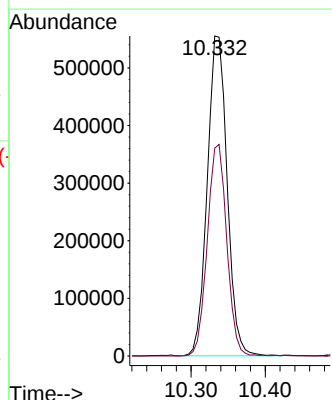
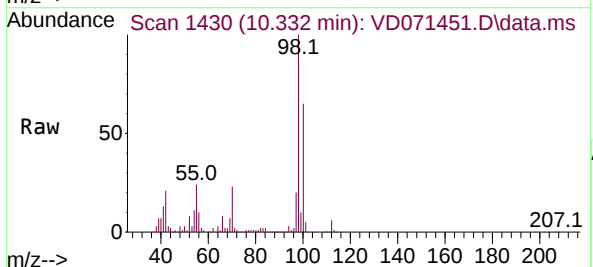
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

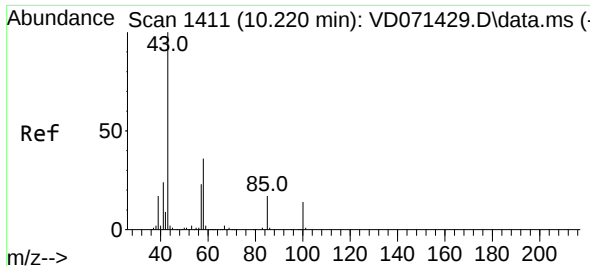
Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#



#50
Toluene-d8
Concen: 51.532 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 98 Resp: 1034717
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

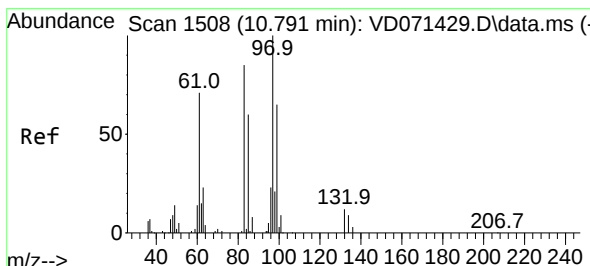
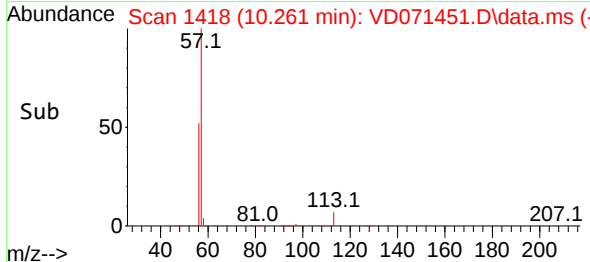
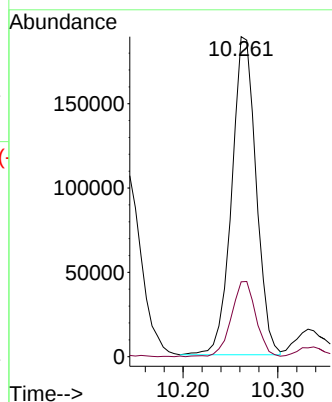
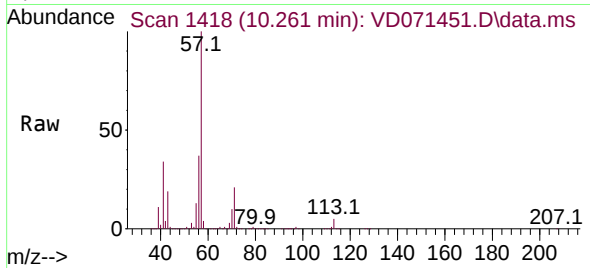




#51
4-Methyl-2-Pentanone
Concen: 82.517 ug/l
RT: 10.261 min Scan# 1411
Delta R.T. 0.041 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

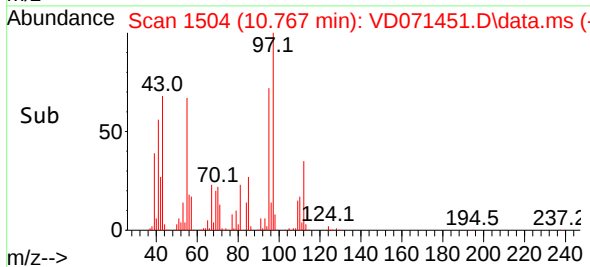
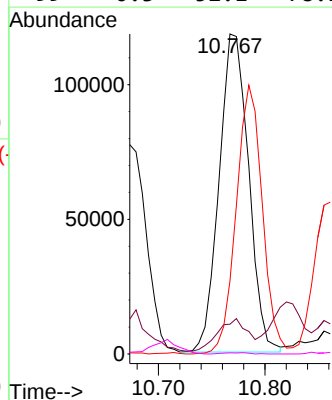
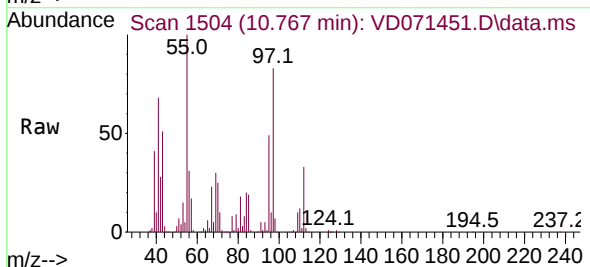
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

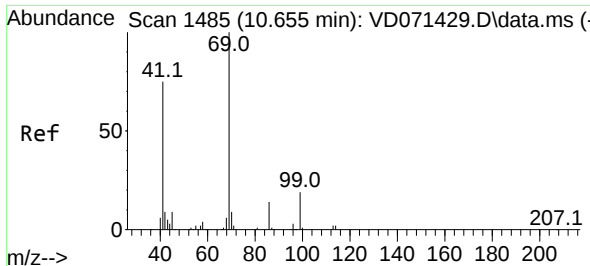
Tgt Ion: 43 Resp: 337634
Ion Ratio Lower Upper
43 100
58 23.9 33.1 49.7#



#55
1,1,2-Trichloroethane
Concen: 54.637 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 97 Resp: 226880
Ion Ratio Lower Upper
97 100
83 8.2 65.2 97.8#
85 22.7 43.4 65.0#
99 0.3 52.1 78.1#

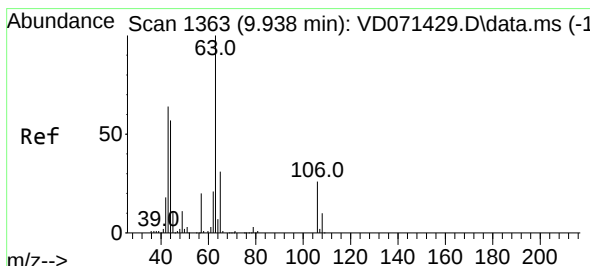
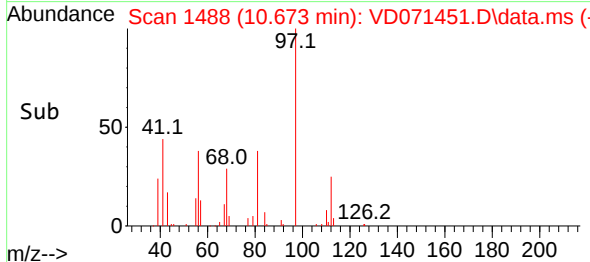
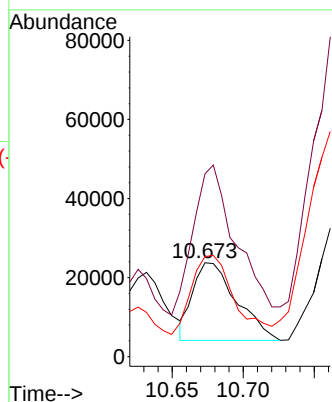
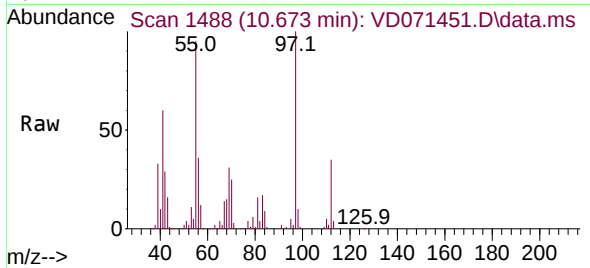




#56
Ethyl methacrylate
Concen: 7.674 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

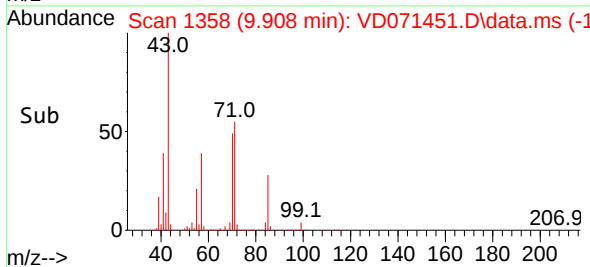
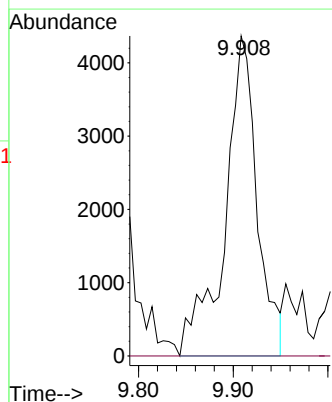
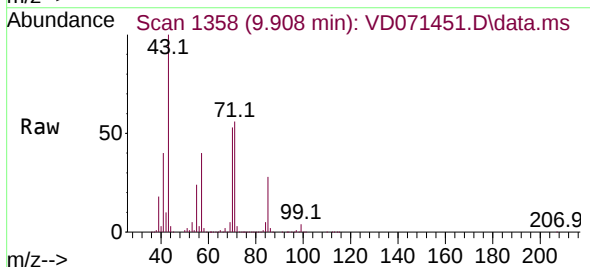
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

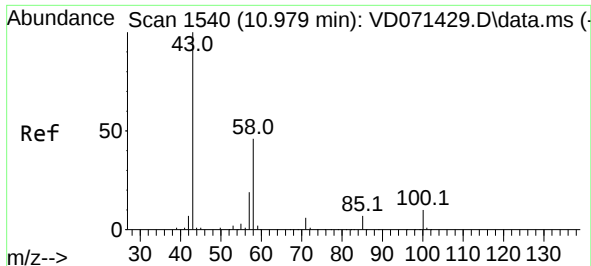
Tgt Ion: 69 Resp: 41932
Ion Ratio Lower Upper
69 100
41 256.3 50.2 75.2#
39 127.3 19.8 29.8#



#58
2-Chloroethyl Vinyl ether
Concen: 3.946 ug/l
RT: 9.908 min Scan# 1358
Delta R.T. -0.030 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 63 Resp: 10330
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.4#

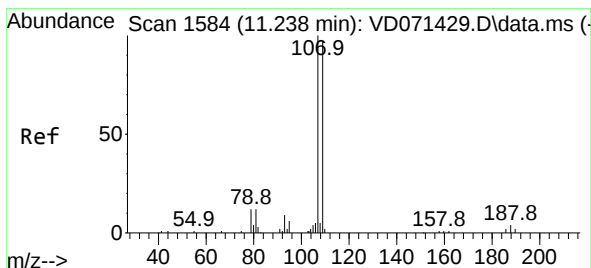
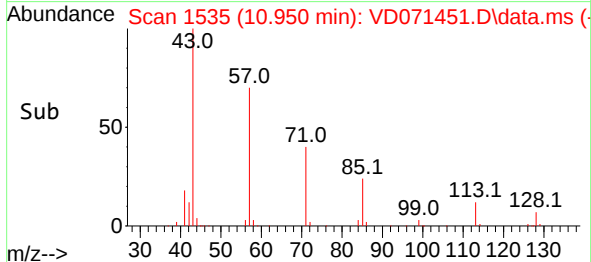
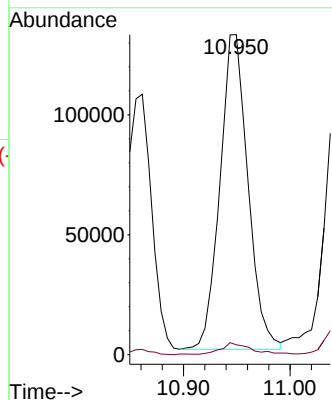
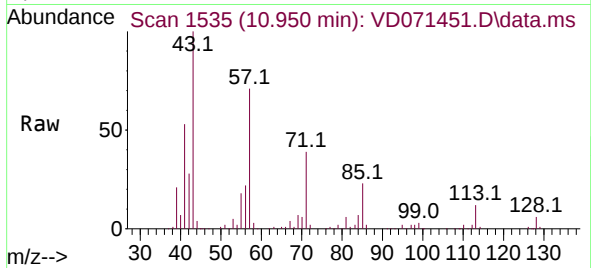




#59
2-Hexanone
Concen: 82.962 ug/l
RT: 10.950 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

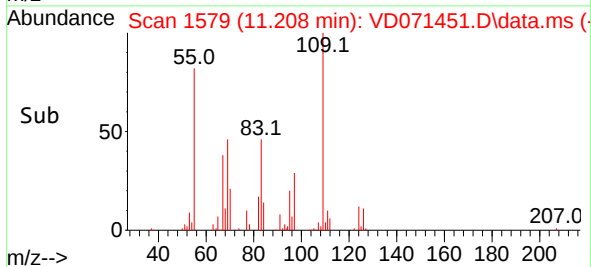
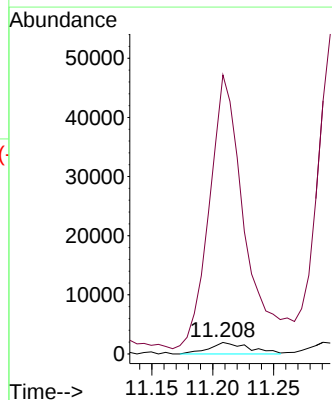
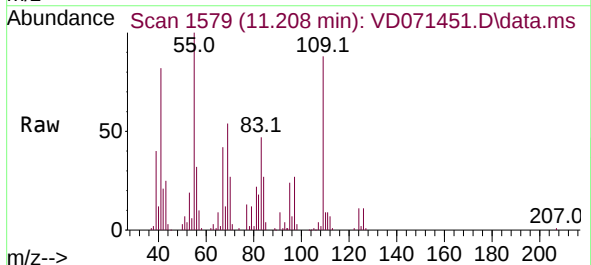
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

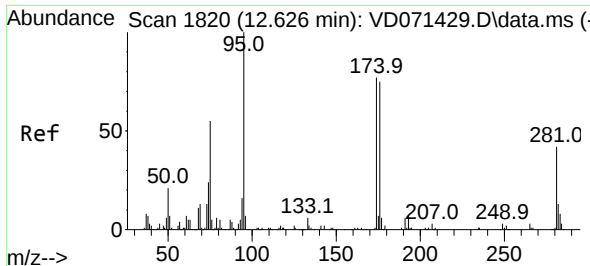
Tgt Ion: 43 Resp: 239945
Ion Ratio Lower Upper
43 100
58 3.8 28.7 86.1#



#61
1,2-Dibromoethane
Concen: 1.096 ug/l
RT: 11.208 min Scan# 1579
Delta R.T. -0.030 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 107 Resp: 4509
Ion Ratio Lower Upper
107 100
109 2021.3 74.6 112.0#

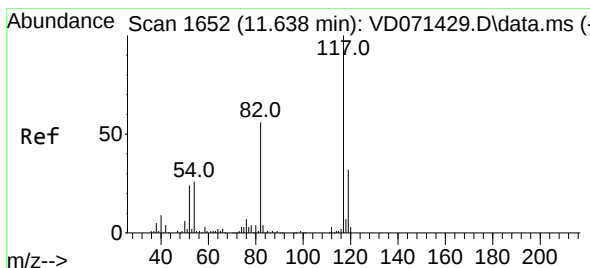
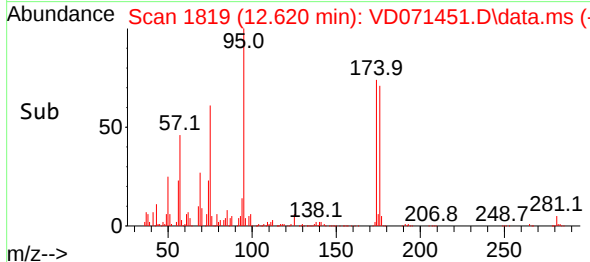
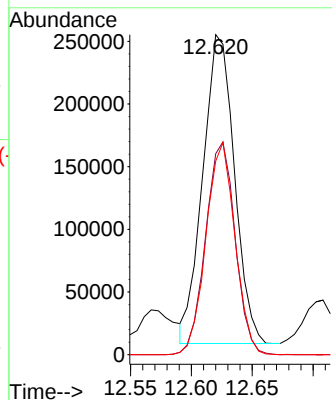
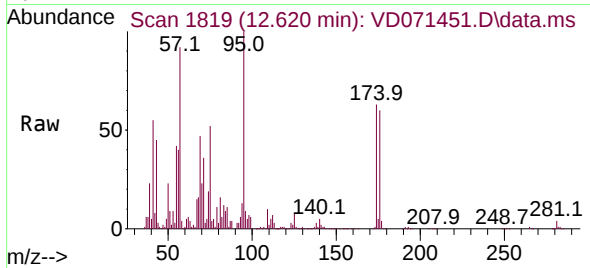




#62
4-Bromofluorobenzene
Concen: 62.290 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

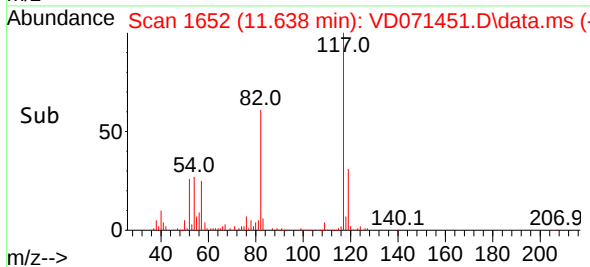
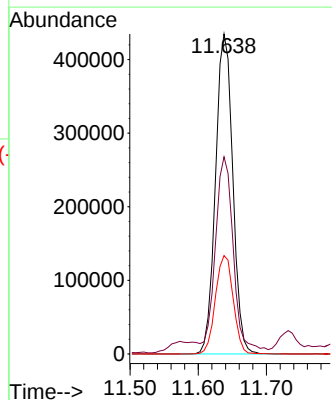
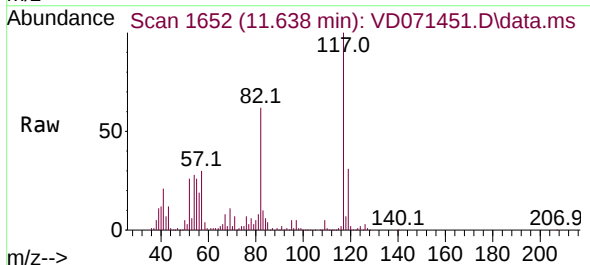
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

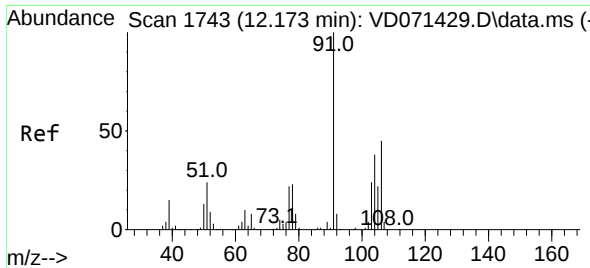
Tgt Ion: 95 Resp: 444445
Ion Ratio Lower Upper
95 100
174 64.5 0.0 159.4
176 62.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 117 Resp: 766173
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 30.8 26.2 39.4

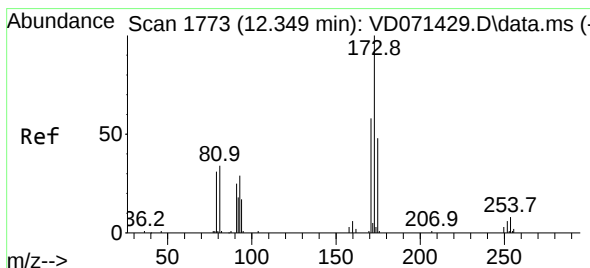
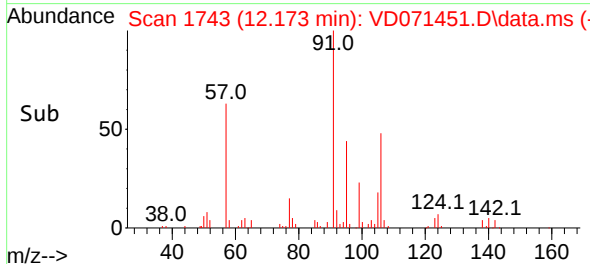
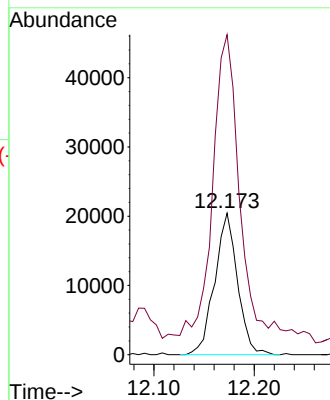
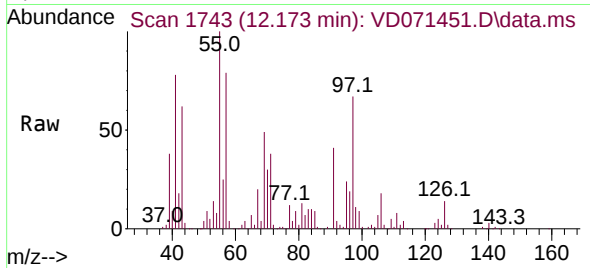




#69
o-Xylene
Concen: 3.183 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

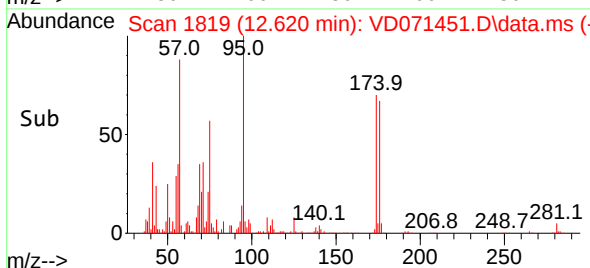
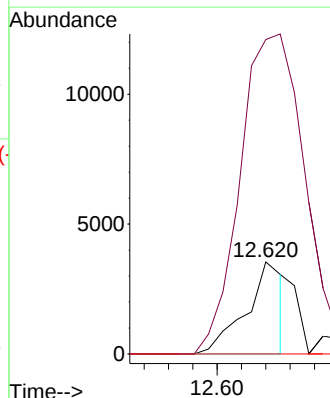
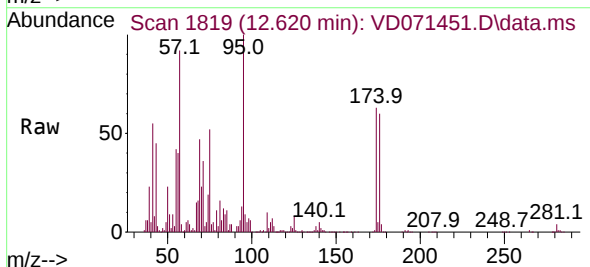
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

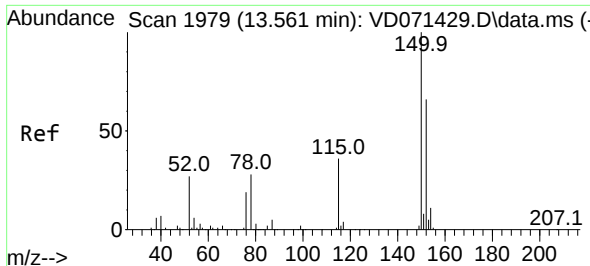
Tgt Ion:106 Resp: 32334
Ion Ratio Lower Upper
106 100
91 265.3 106.3 319.0



#71
Bromoform
Concen: 1.207 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion:173 Resp: 3750
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.1 0.1#

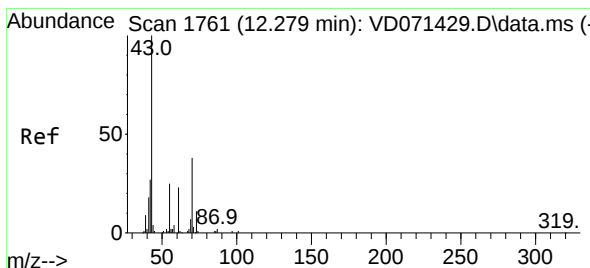
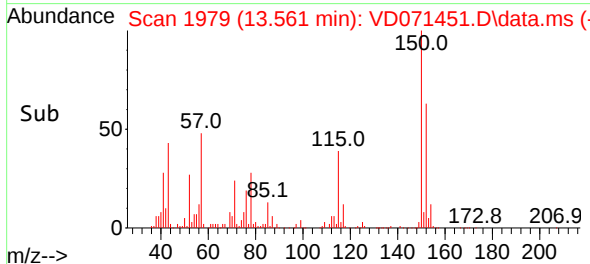
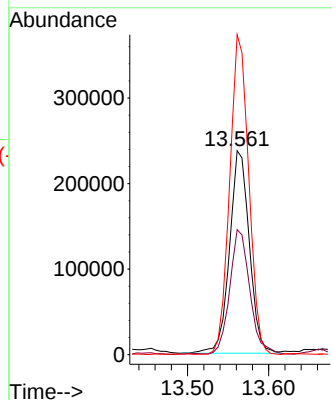
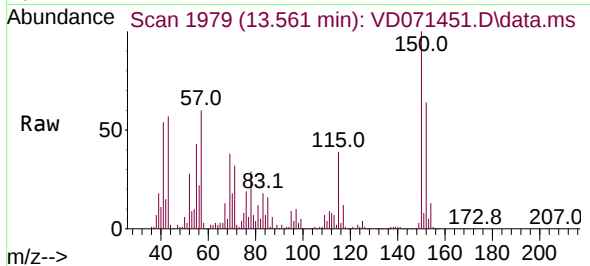




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

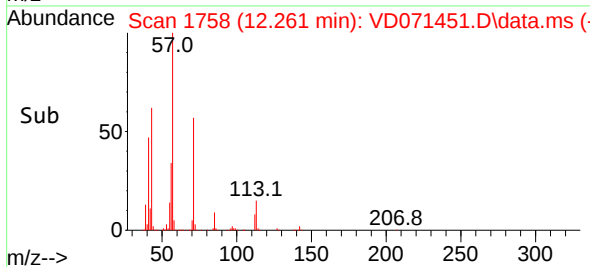
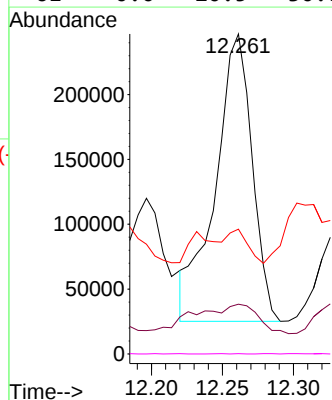
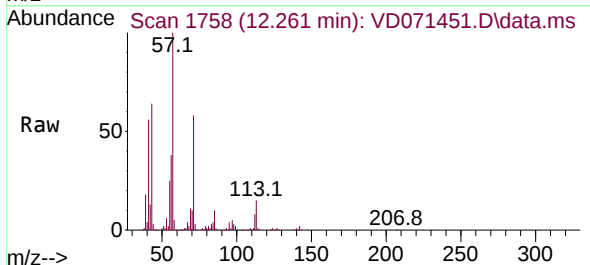
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

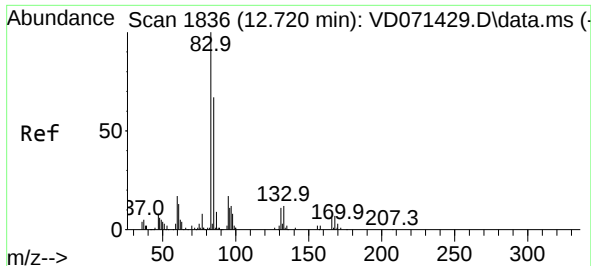
Tgt Ion:152 Resp: 401227
Ion Ratio Lower Upper
152 100
115 62.3 29.8 89.3
150 151.6 0.0 349.2



#74
N-ethyl acetate
Concen: 48.153 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 43 Resp: 399629
Ion Ratio Lower Upper
43 100
70 17.8 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

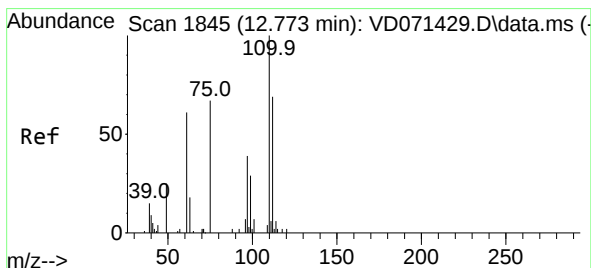
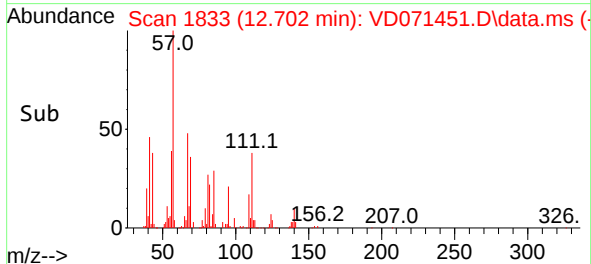
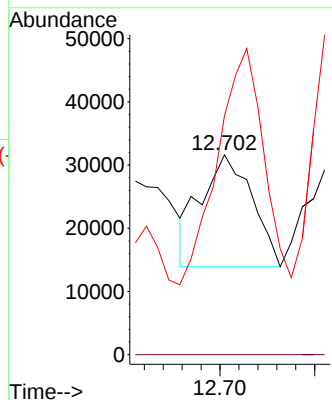
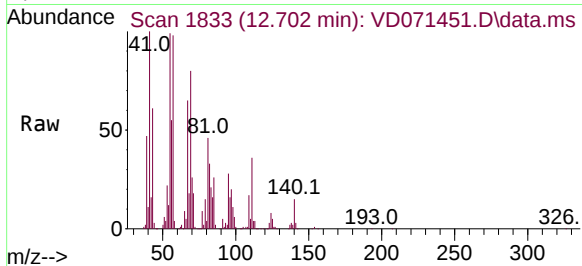




#75
1,1,2,2-Tetrachloroethane
Concen: 5.955 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

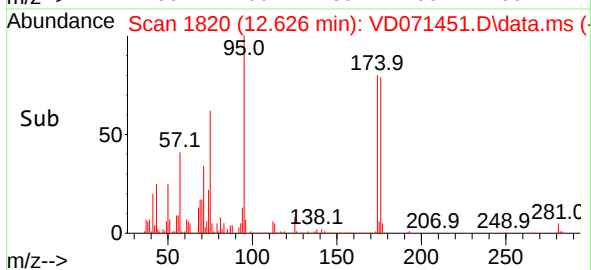
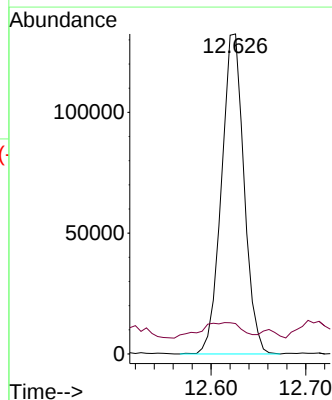
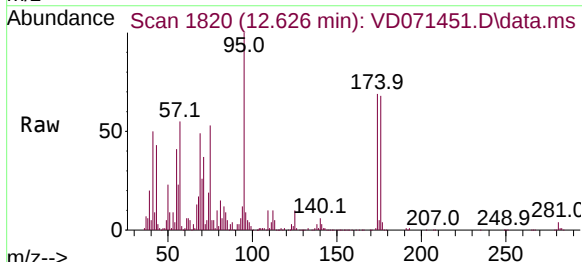
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

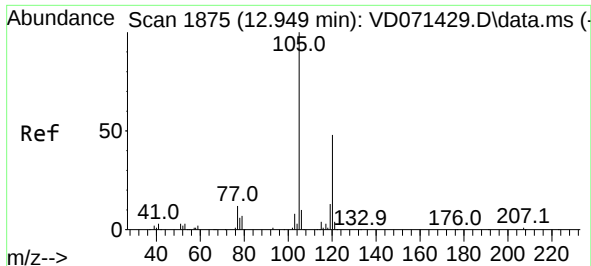
Tgt Ion: 83 Resp: 33304
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 261.4 32.0 96.2#



#76
1,2,3-Trichloropropane
Concen: 46.040 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 75 Resp: 219487
Ion Ratio Lower Upper
75 100
77 8.7 158.4 475.3#

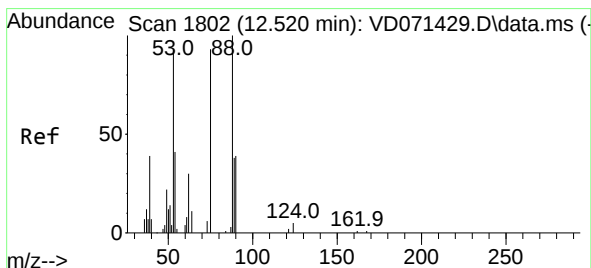
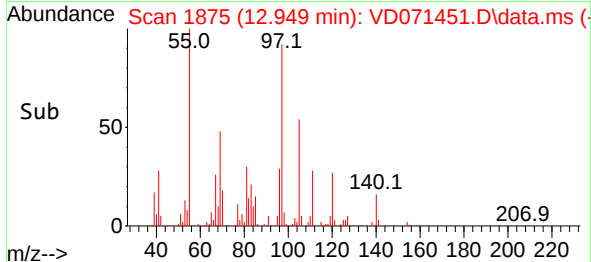
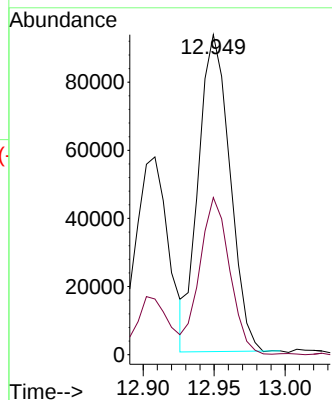
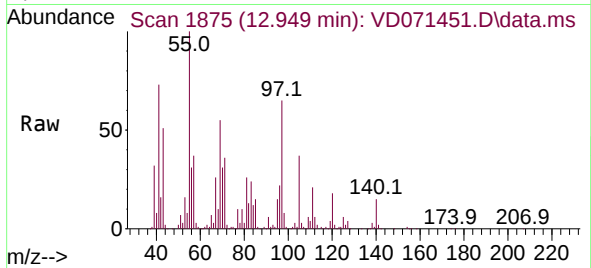




#80
1,3,5-Trimethylbenzene
Concen: 5.615 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

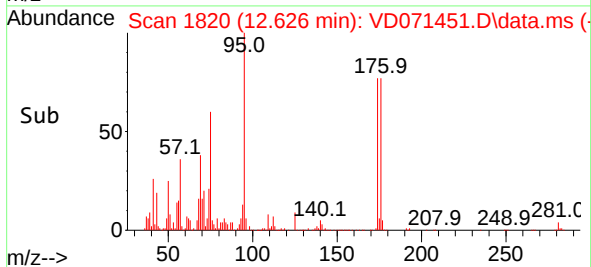
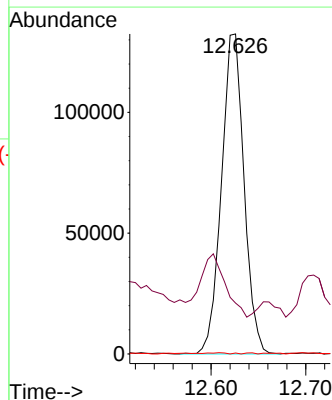
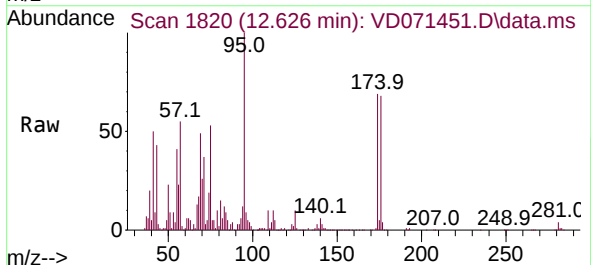
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

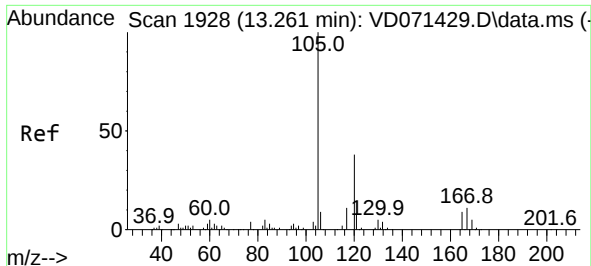
Tgt Ion:105 Resp: 143255
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.8



#81
trans-1,4-Dichloro-2-butene
Concen: 130.088 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 75 Resp: 219487
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.1 34.5 51.7#

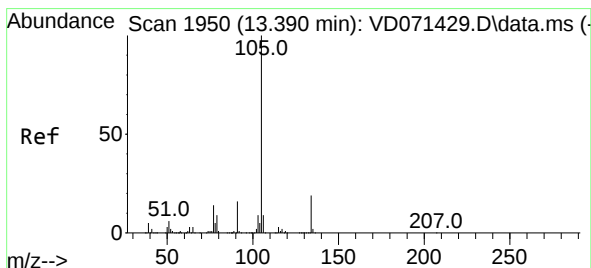
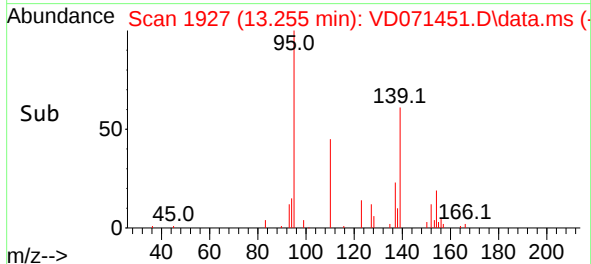
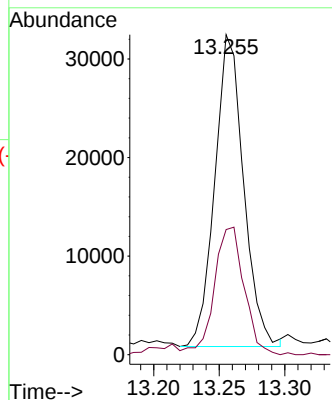
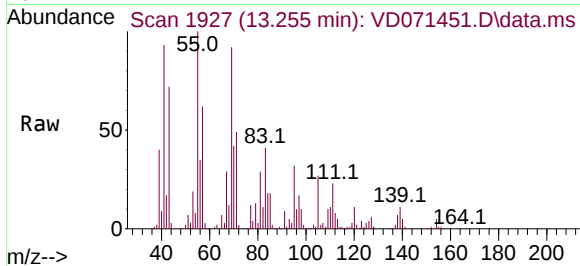




#84
1,2,4-Trimethylbenzene
Concen: 1.913 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

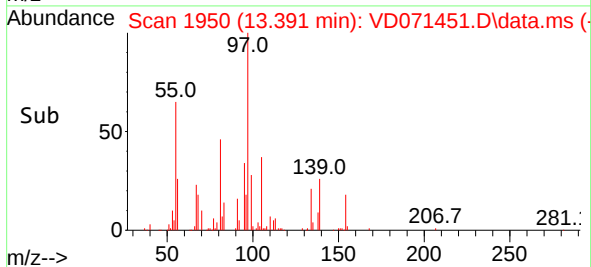
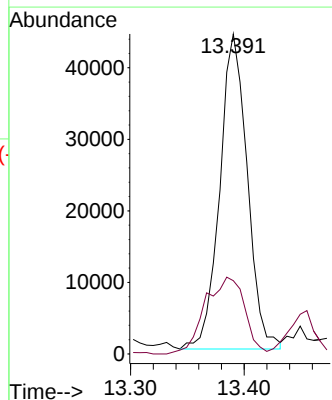
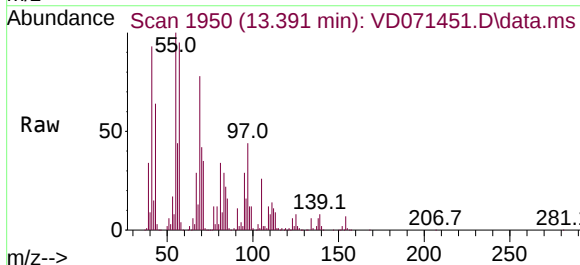
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

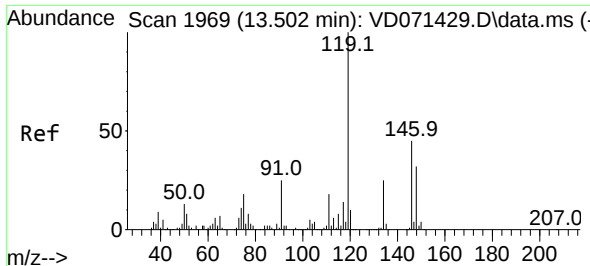
Tgt Ion:105 Resp: 48295
Ion Ratio Lower Upper
105 100
120 42.4 22.9 68.7



#85
sec-Butylbenzene
Concen: 2.236 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.001 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion:105 Resp: 74328
Ion Ratio Lower Upper
105 100
134 34.9 9.7 28.9#

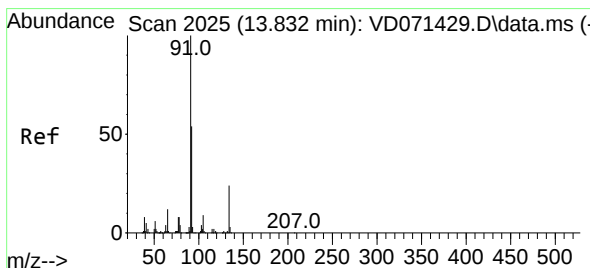
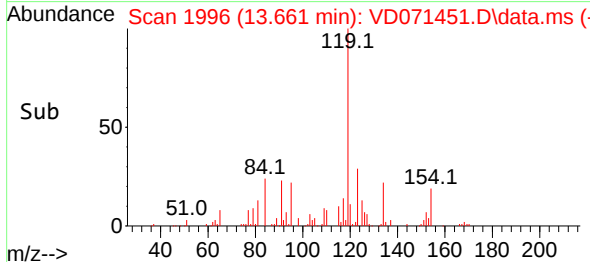
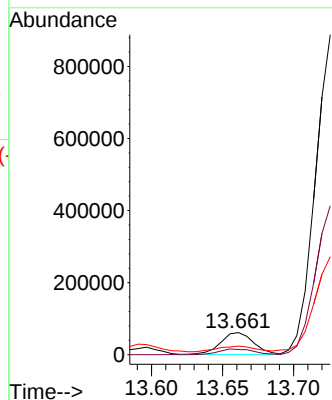
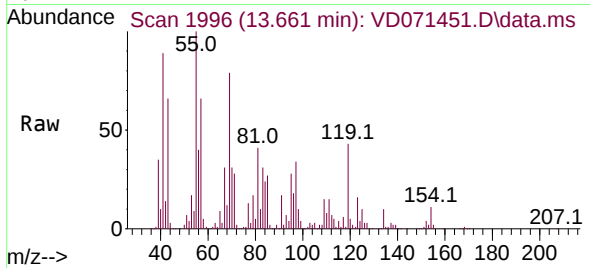




#86
p-Isopropyltoluene
Concen: 3.480 ug/l
RT: 13.661 min Scan# 1969
Delta R.T. 0.159 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

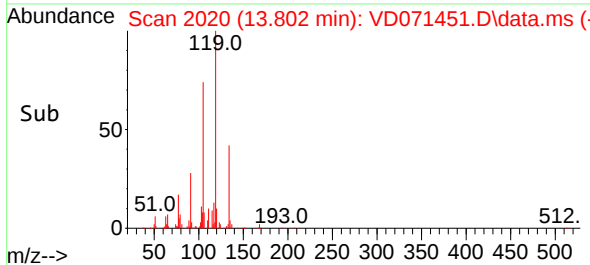
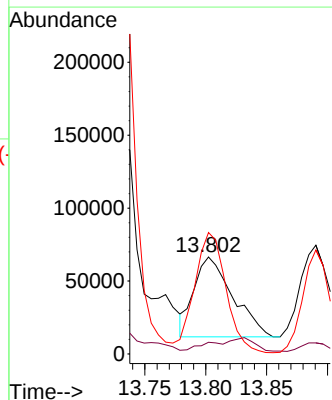
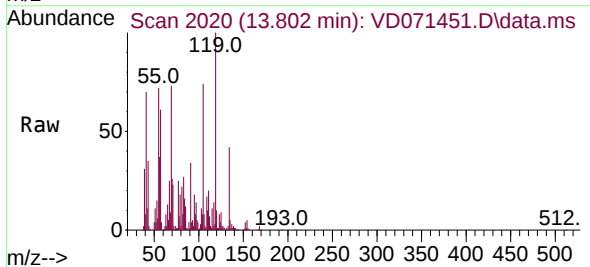
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

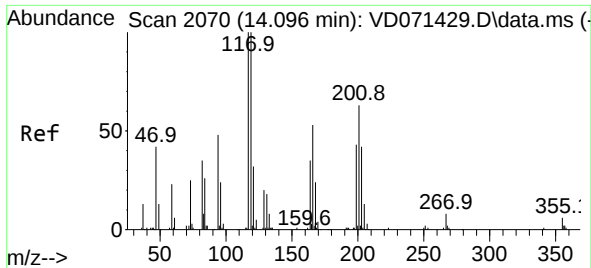
Tgt Ion:119 Resp: 95962
Ion Ratio Lower Upper
119 100
134 28.0 13.0 38.9
91 29.1 11.4 34.2



#89
n-Butylbenzene
Concen: 4.484 ug/l
RT: 13.802 min Scan# 2020
Delta R.T. -0.030 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

Tgt Ion: 91 Resp: 121370
Ion Ratio Lower Upper
91 100
92 0.0 27.3 81.9#
134 122.3 12.3 36.9#

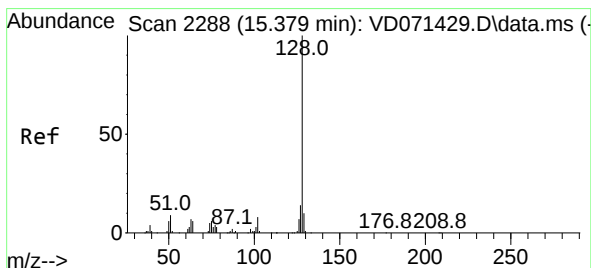
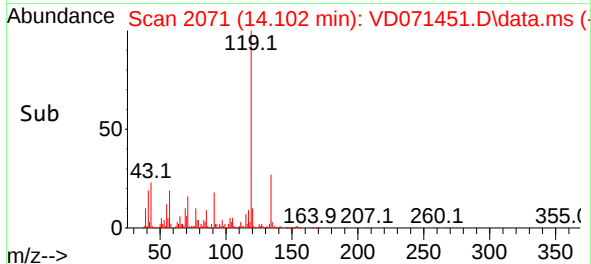
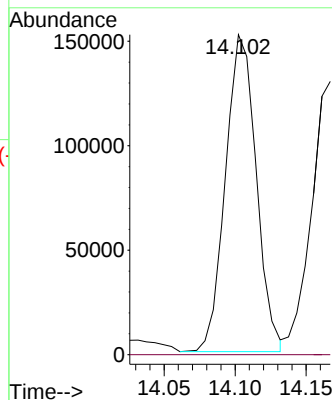
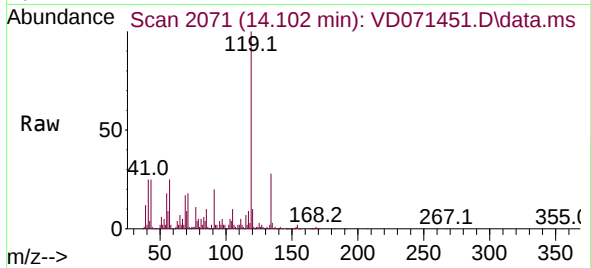




#90
Hexachloroethane
Concen: 43.708 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

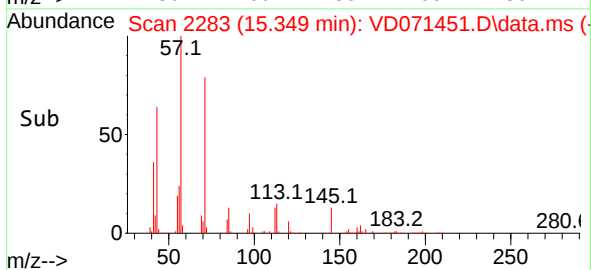
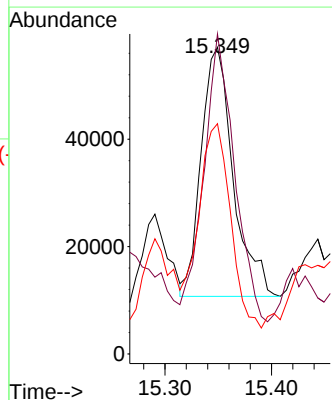
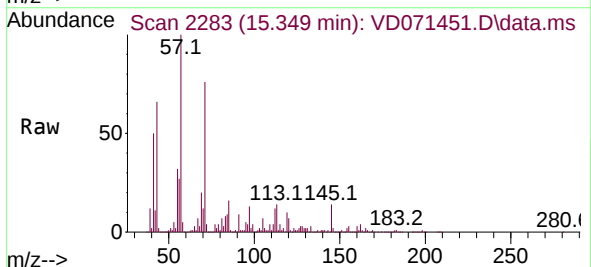
Instrument :
MSVOA_D
ClientSampleId :
DA-3-4.5

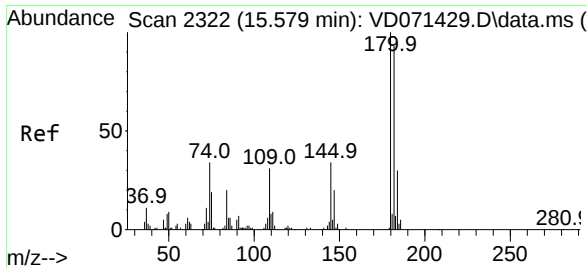
Tgt Ion:117 Resp: 228348
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#



#95
Naphthalene
Concen: 7.113 ug/l
RT: 15.349 min Scan# 2283
Delta R.T. -0.030 min
Lab File: VD071451.D
Acq: 23 Dec 2021 19:05

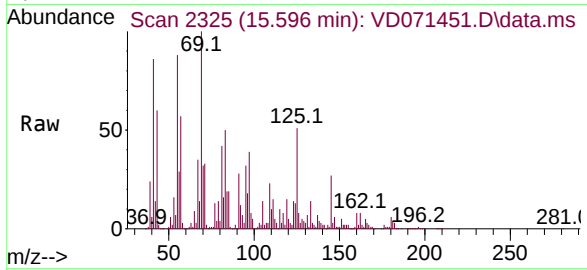
Tgt Ion:128 Resp: 97067
Ion Ratio Lower Upper
128 100
127 110.6 10.7 16.1#
129 81.5 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.256 ug/l
 RT: 15.596 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VD071451.D
 Acq: 23 Dec 2021 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-3-4.5



Tgt Ion:	180	Resp:	26393
Ion Ratio	Lower	Upper	
180	100		
182	0.0	46.7	140.1#
145	0.0	15.9	47.6#

