

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074493.D
 Acq On : 07 Oct 2022 16:20
 Operator : VA/SY
 Sample : N5014-14RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 02:25:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

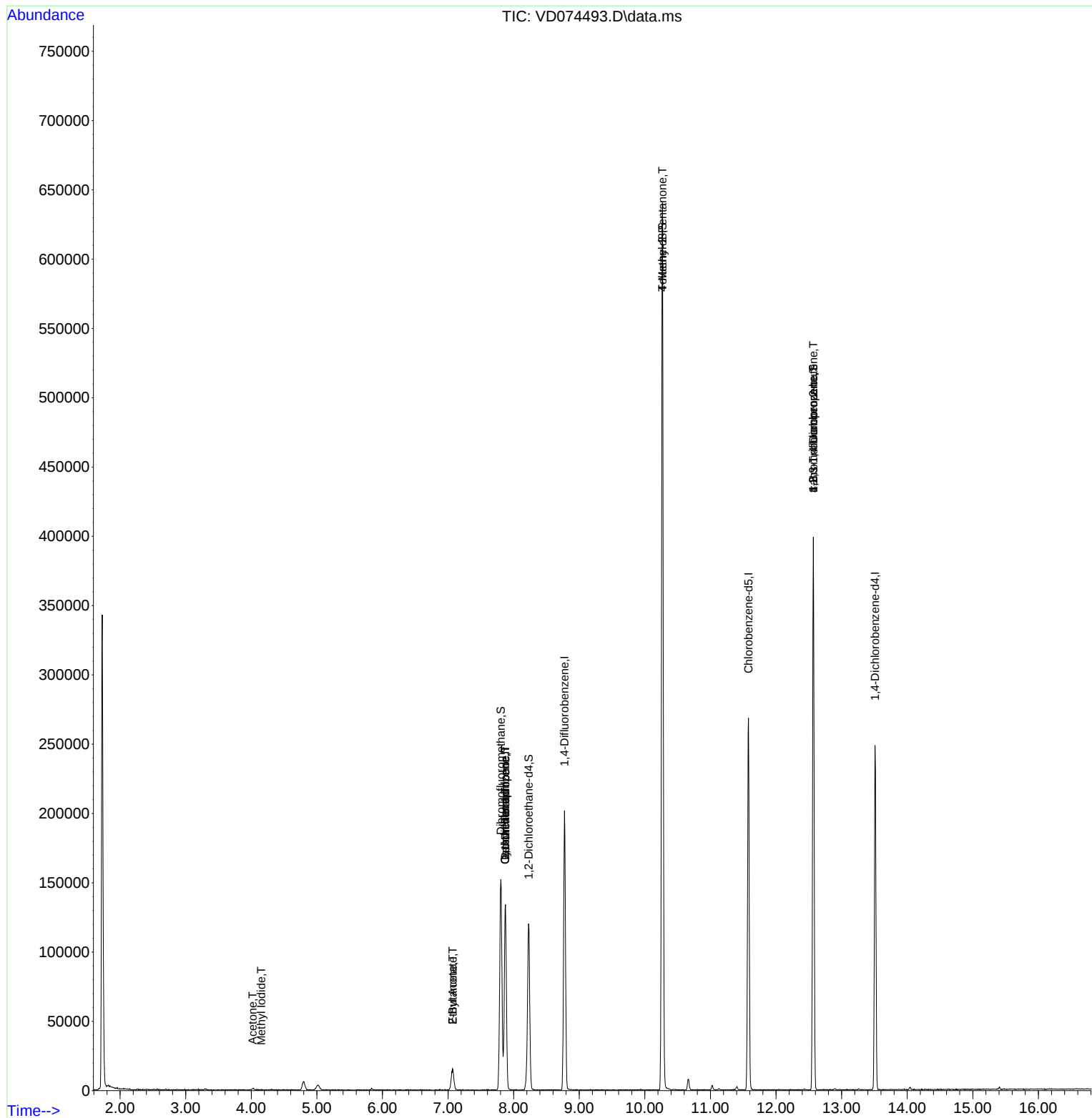
Internal Standards						
1) Pentafluorobenzene	7.875	168	106009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	167046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	70658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92098	97.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.560%#	
35) Dibromofluoromethane	7.804	113	111662	89.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 179.600%#	
50) Toluene-d8	10.269	98	461492	99.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 199.460%#	
62) 4-Bromofluorobenzene	12.569	95	120640	91.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 182.060%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.152	142	146	5.895	ug/l #	43
11) Tert butyl alcohol	4.999	59	3312	Below Cal	#	84
16) Acetone	4.022	43	1488	17.433	ug/l #	87
20) Methylene Chloride	4.799	84	5296	Below Cal	#	85
25) 2-Butanone	7.069	43	656	2.428	ug/l #	42
31) Cyclohexane	7.869	56	1902	1.005	ug/l #	36
36) 1,1-Dichloropropene	7.875	75	7852	4.499	ug/l #	47
37) Ethyl Acetate	7.069	43	656	1.145	ug/l #	44
38) Carbon Tetrachloride	7.869	117	10537	6.813	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1223	2.251	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	60153	110.903	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	60153	247.436	ug/l #	17

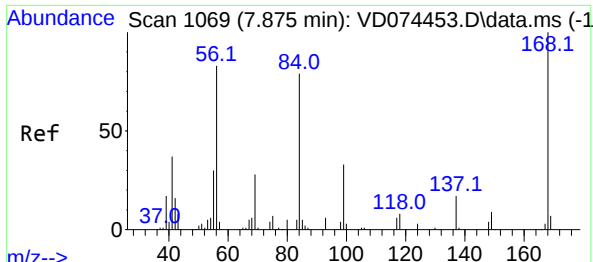
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
Data File : VD074493.D
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Operator : VA/SY
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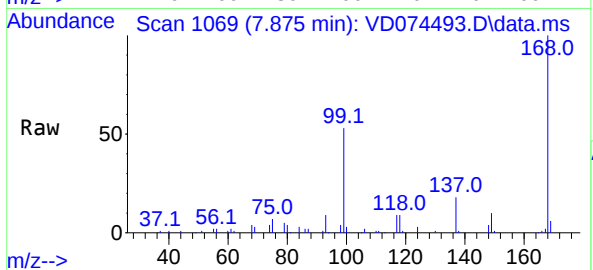
Quant Time: Oct 08 02:25:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



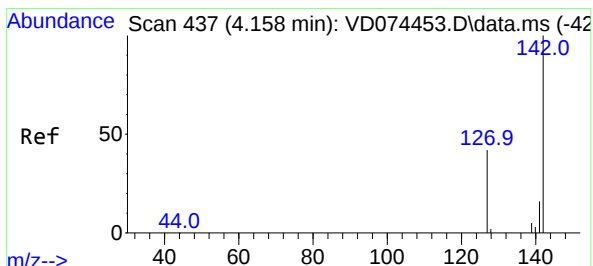
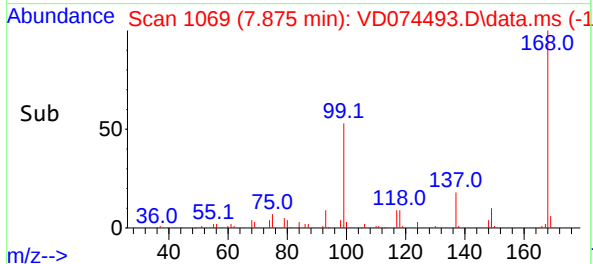
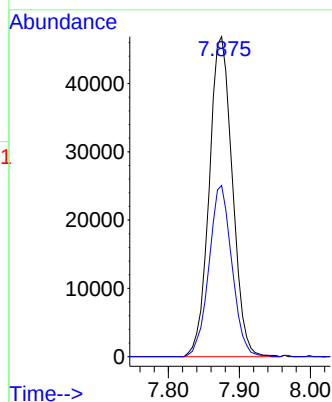


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :

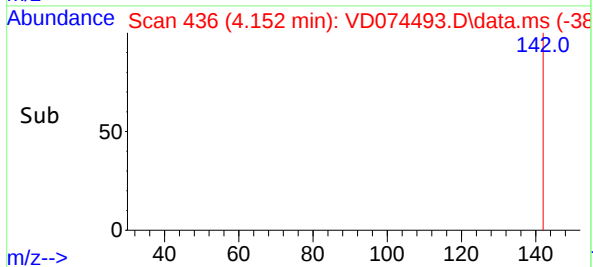
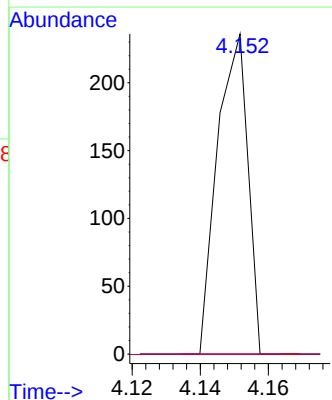
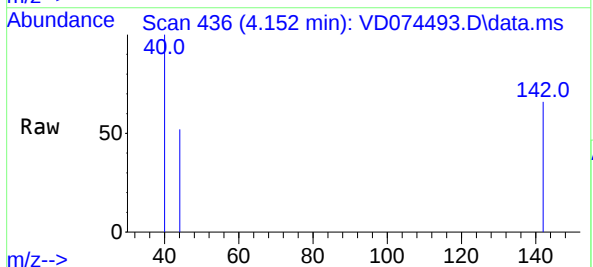


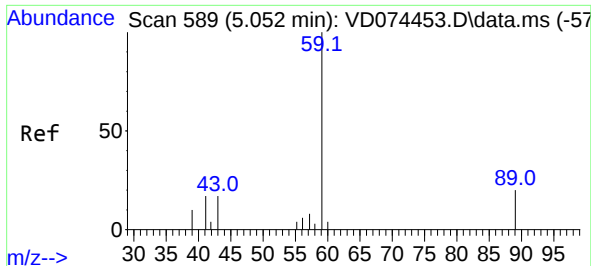
Tgt Ion:168 Resp: 106009
Ion Ratio Lower Upper
168 100
99 53.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.895 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Tgt Ion:142 Resp: 146
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.999 min Scan# 51

Delta R.T. -0.053 min

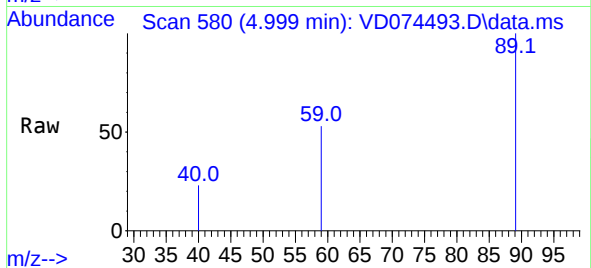
Lab File: VD074493.D

Acq: 07 Oct 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

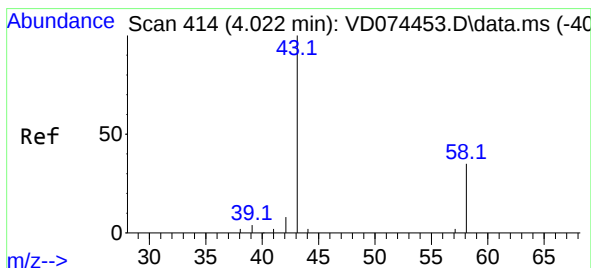
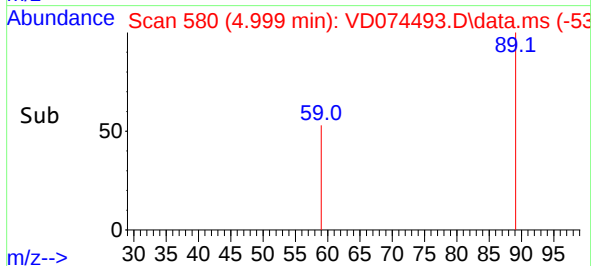
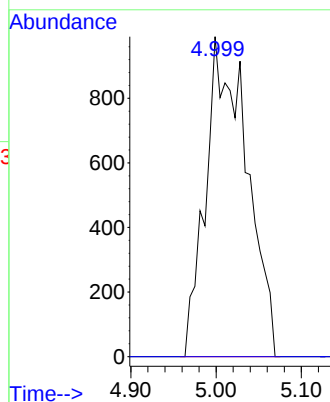


Tgt Ion: 59 Resp: 3312

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 17.433 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD074493.D

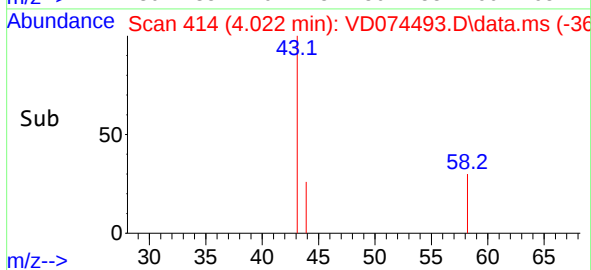
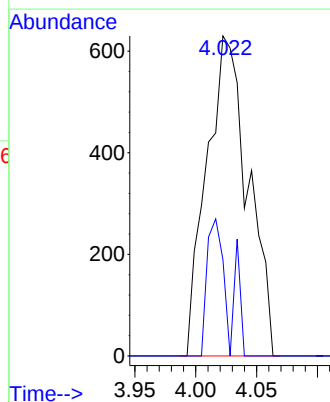
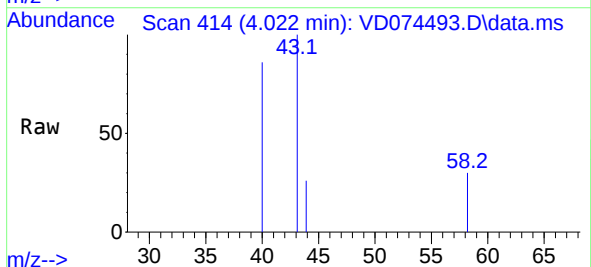
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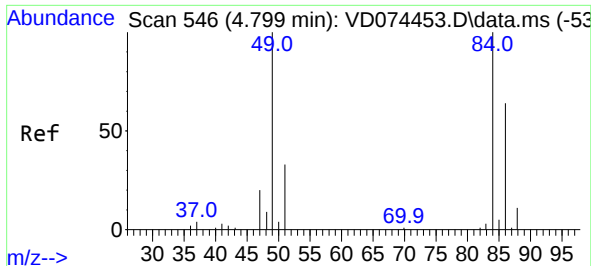
Tgt Ion: 43 Resp: 1488

Ion Ratio Lower Upper

43 100

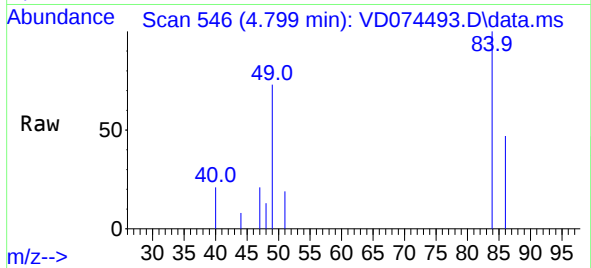
58 30.2 30.2 45.2#



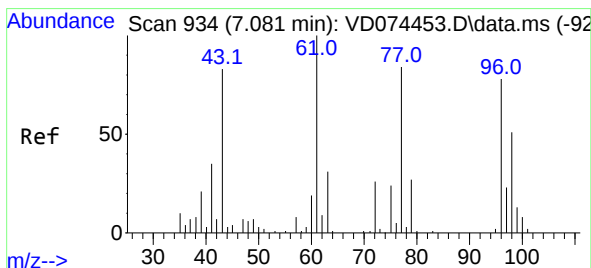
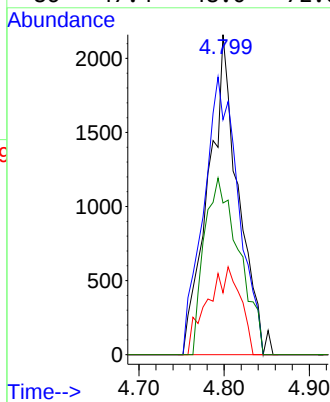
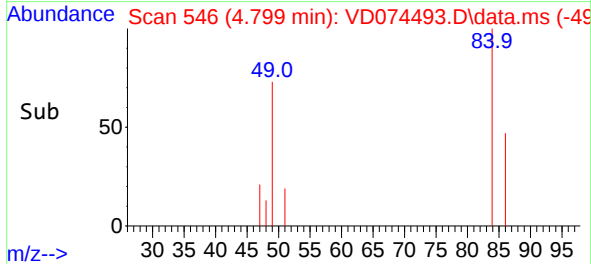


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :

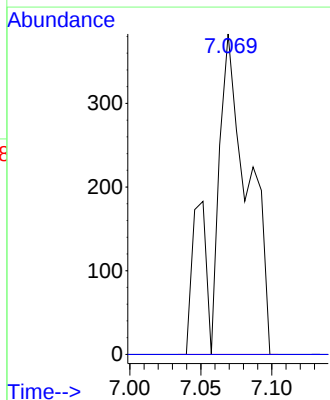
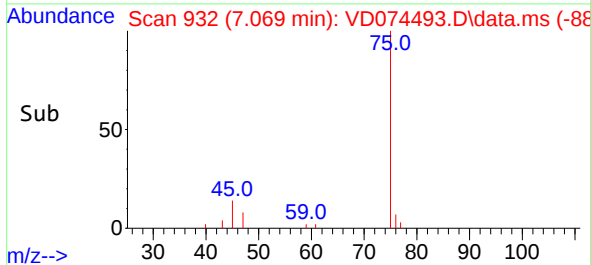
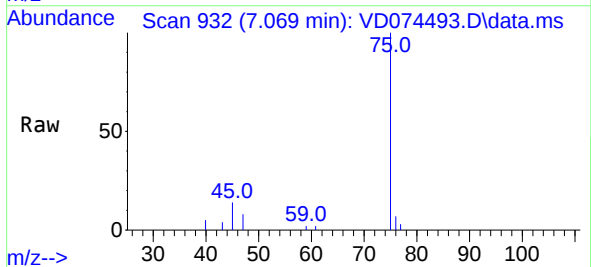


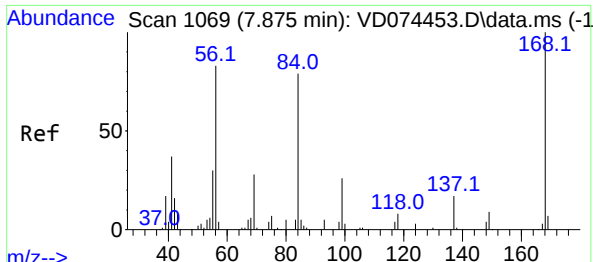
Tgt Ion: 84 Resp: 5296
Ion Ratio Lower Upper
84 100
49 73.5 68.0 102.0
51 19.4 23.2 34.8#
86 47.4 48.0 72.0#



#25
2-Butanone
Concen: 2.428 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

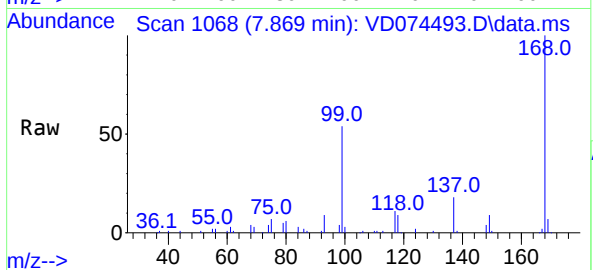
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



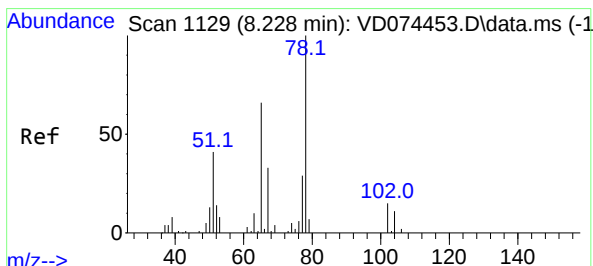
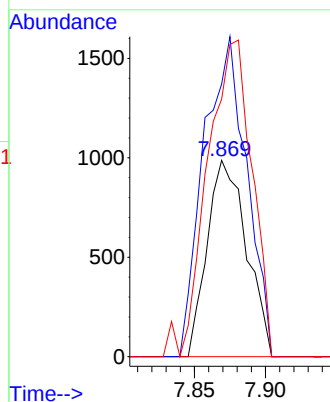
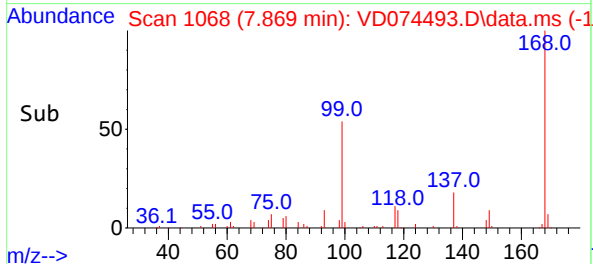


#31
Cyclohexane
Concen: 1.005 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :

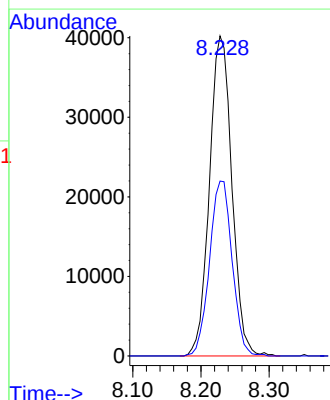
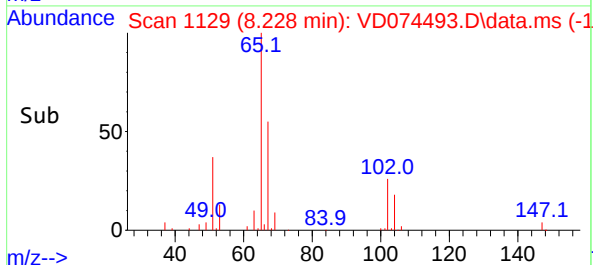
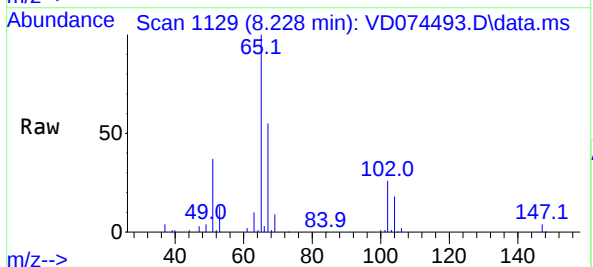


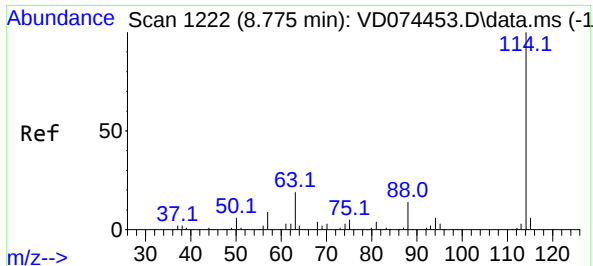
Tgt Ion: 56 Resp: 1902
Ion Ratio Lower Upper
56 100
69 138.9 29.2 43.8#
84 131.2 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 97.784 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Tgt Ion: 65 Resp: 92098
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2

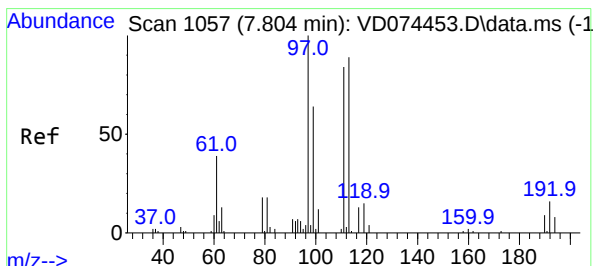
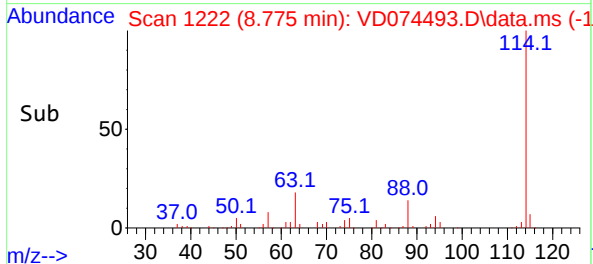
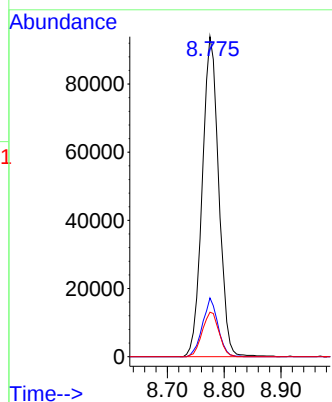
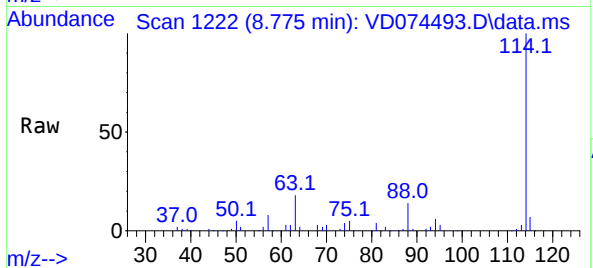




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

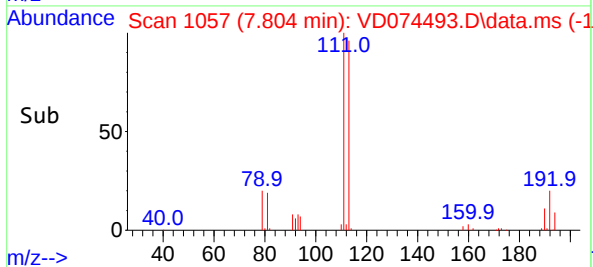
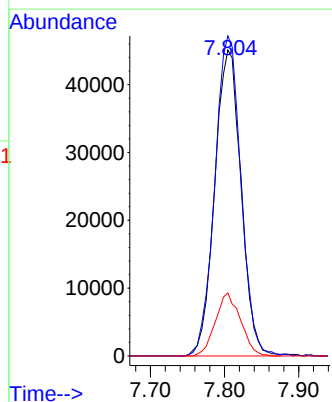
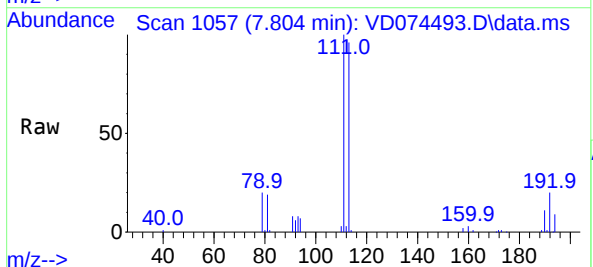
Instrument :
MSVOA_D
ClientSampleId :

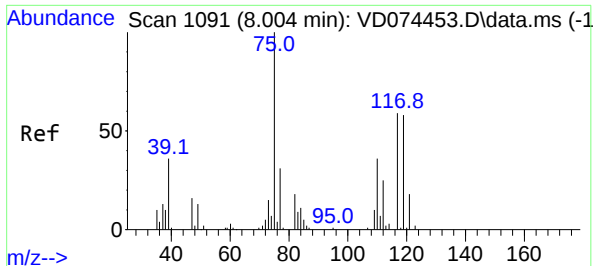
Tgt Ion:114 Resp: 188571
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.2
88 13.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 89.800 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

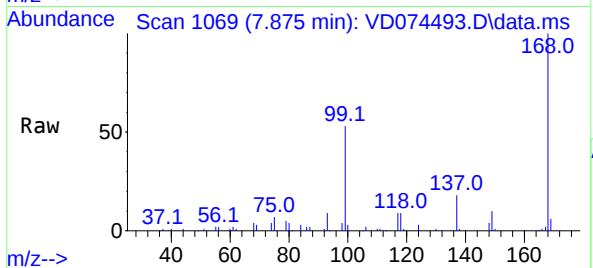
Tgt Ion:113 Resp: 111662
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.5 16.4 24.6



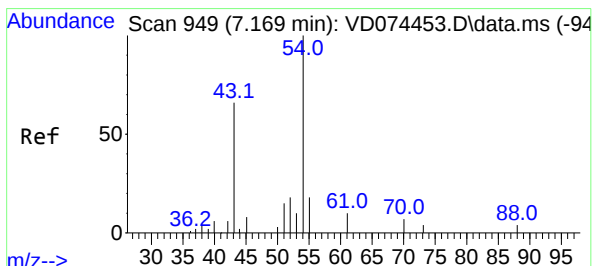
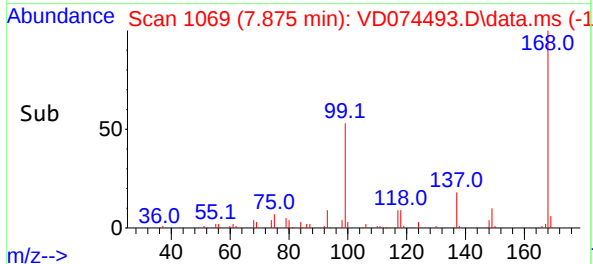
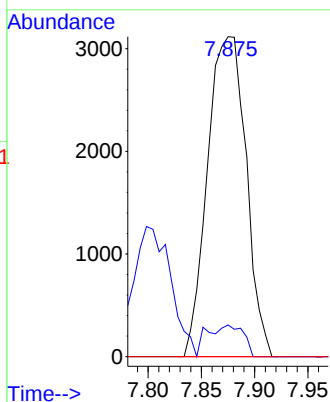


#36
1,1-Dichloropropene
Concen: 4.499 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.129 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :

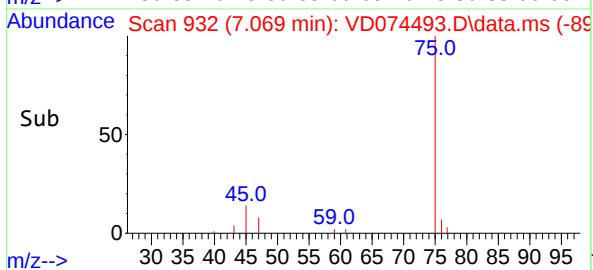
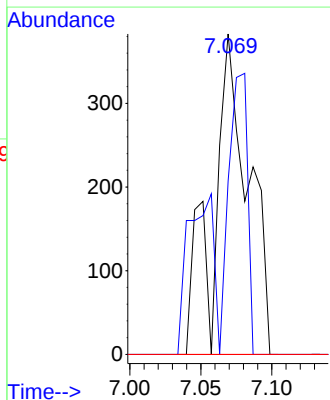
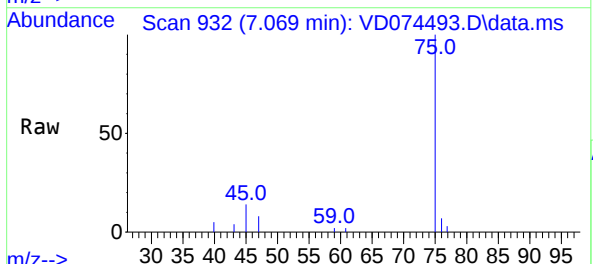


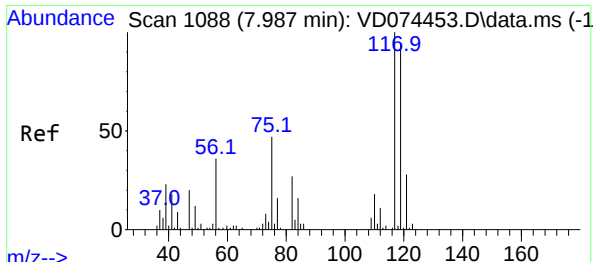
Tgt Ion: 75 Resp: 7852
Ion Ratio Lower Upper
75 100
110 9.3 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.145 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.100 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

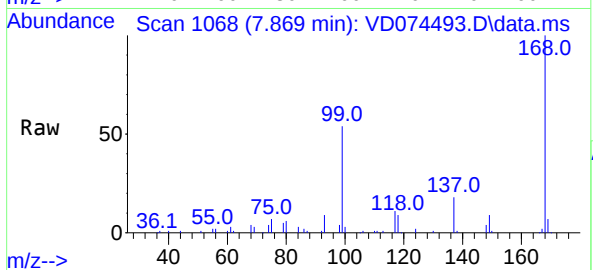
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
61 47.0 12.2 18.4#
70 0.0 9.6 14.4#



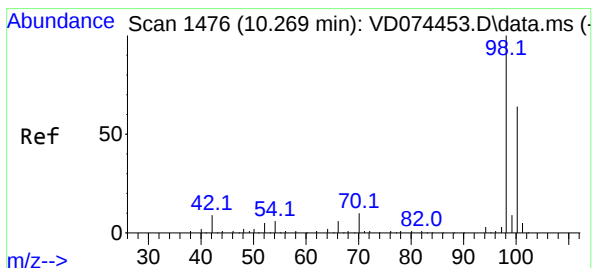
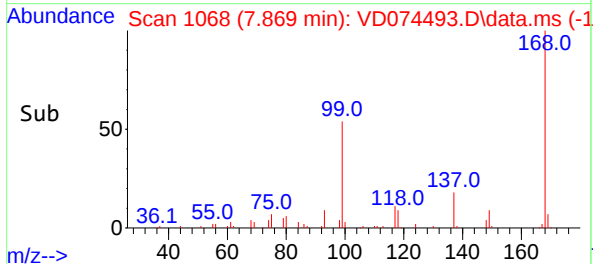
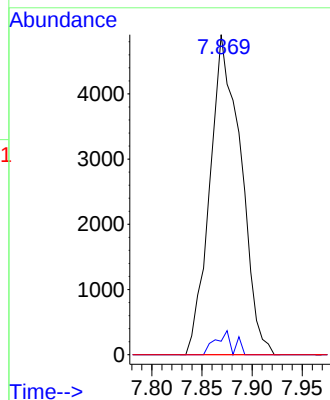


#38
Carbon Tetrachloride
Concen: 6.813 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :

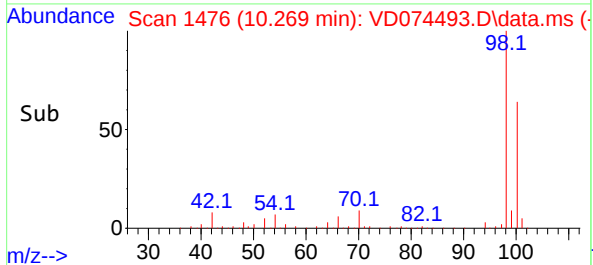
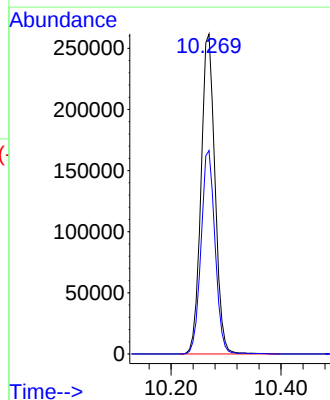
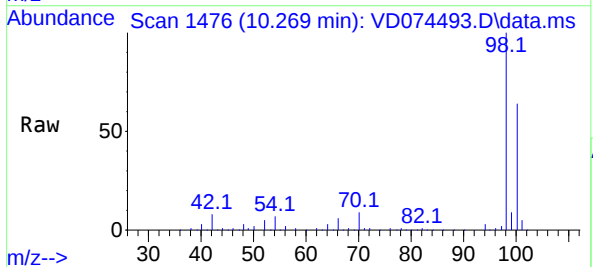


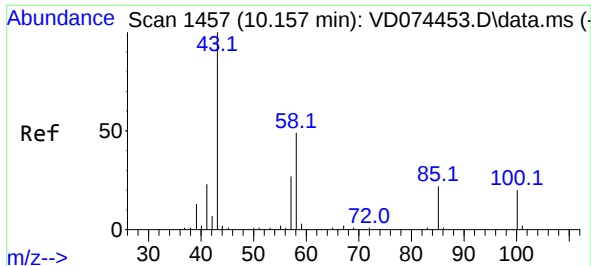
Tgt Ion:117 Resp: 10537
Ion Ratio Lower Upper
117 100
119 4.2 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 99.735 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Tgt Ion: 98 Resp: 461492
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 2.251 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074493.D

Acq: 07 Oct 2022 16:20

Instrument :

MSVOA_D

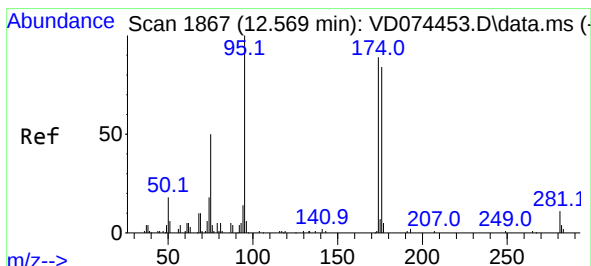
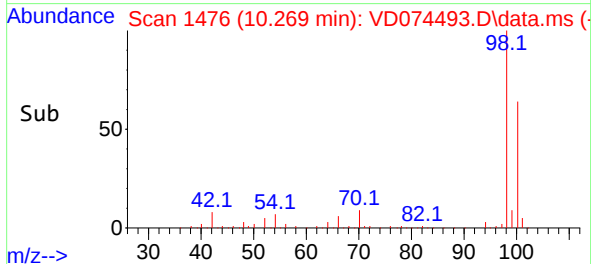
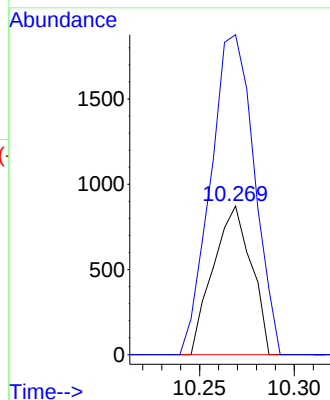
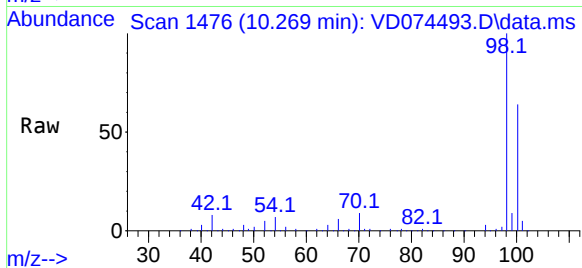
ClientSampleId :

Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

58 246.1 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 91.026 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074493.D

Acq: 07 Oct 2022 16:20

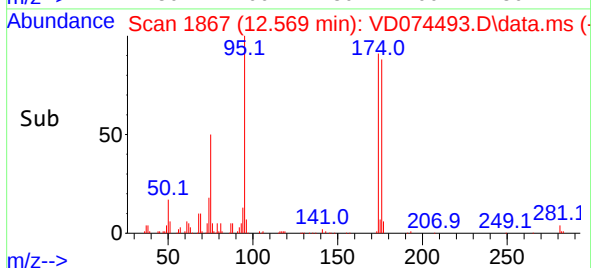
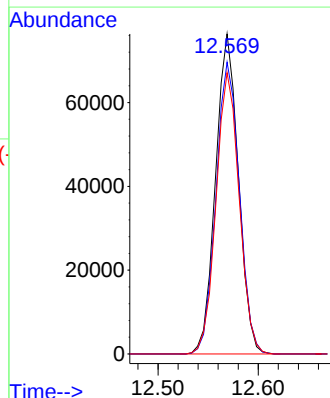
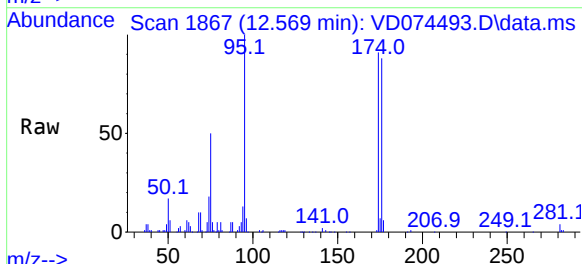
Tgt Ion: 95 Resp: 120640

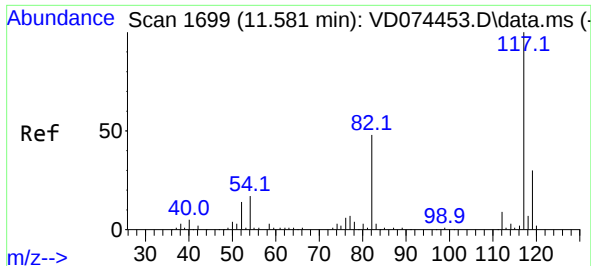
Ion Ratio Lower Upper

95 100

174 93.6 0.0 197.0

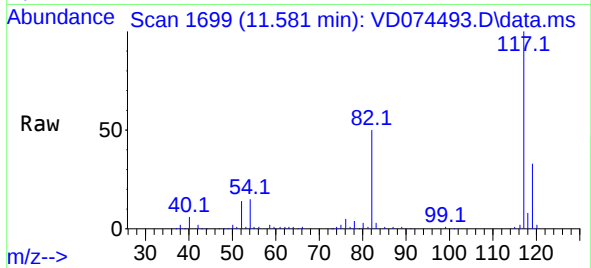
176 89.1 0.0 182.6



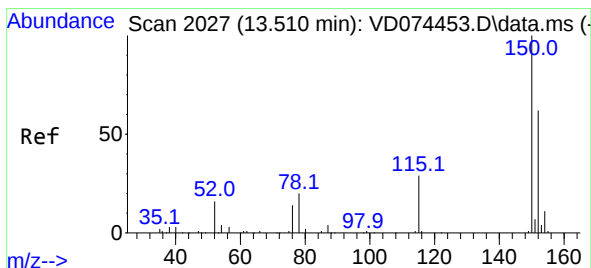
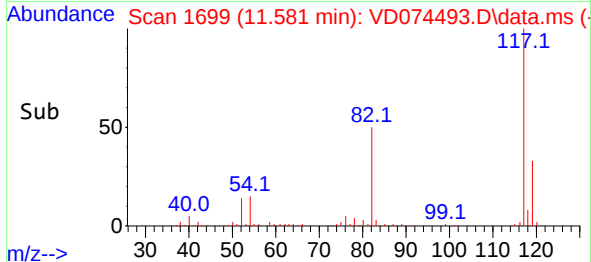
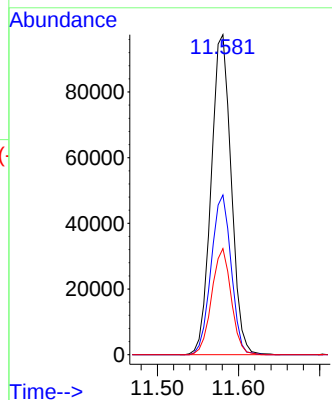


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :

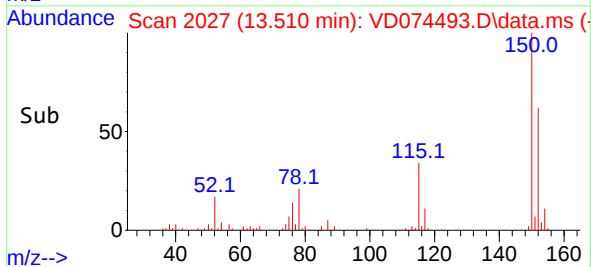
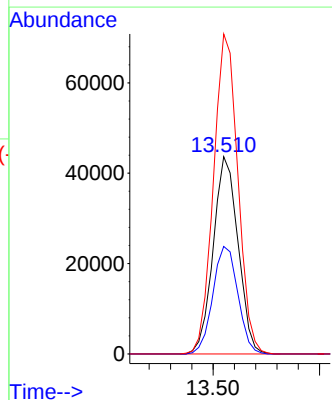
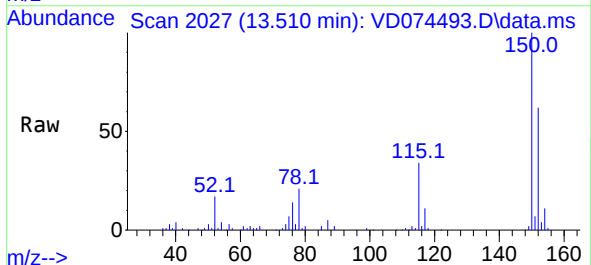


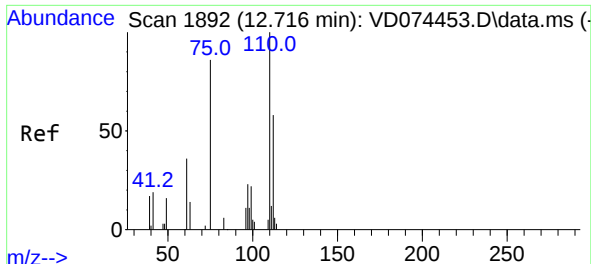
Tgt Ion:117 Resp: 167046
Ion Ratio Lower Upper
117 100
82 49.9 41.6 62.4
119 33.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Tgt Ion:152 Resp: 70658
Ion Ratio Lower Upper
152 100
115 54.9 26.8 80.4
150 159.3 0.0 348.2

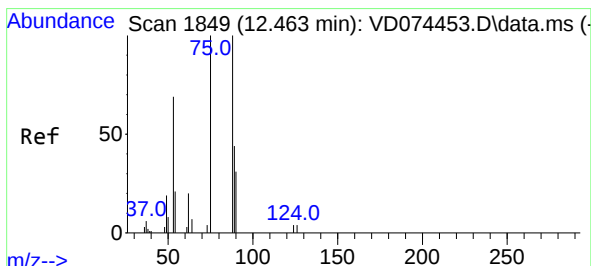
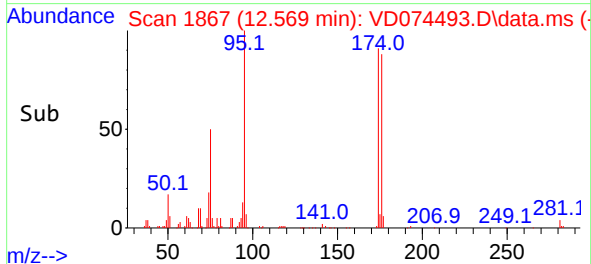
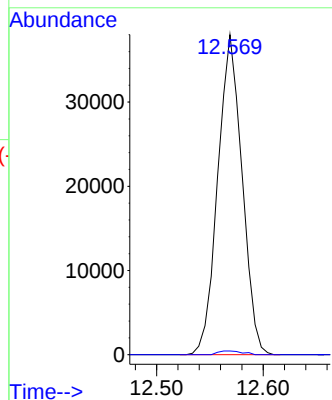
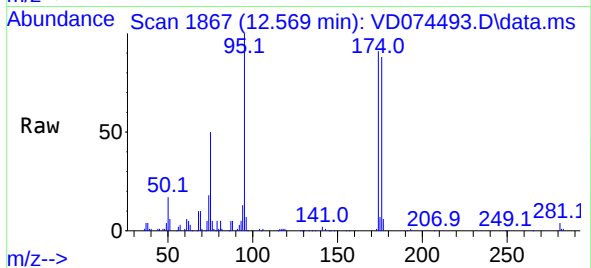




#76
1,2,3-Trichloropropane
Concen: 110.903 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 60153
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 247.436 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Tgt Ion: 75 Resp: 60153
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

