

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074815.D
 Acq On : 08 Nov 2022 20:38
 Operator : VA/SY
 Sample : N5494-19RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 23:40:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

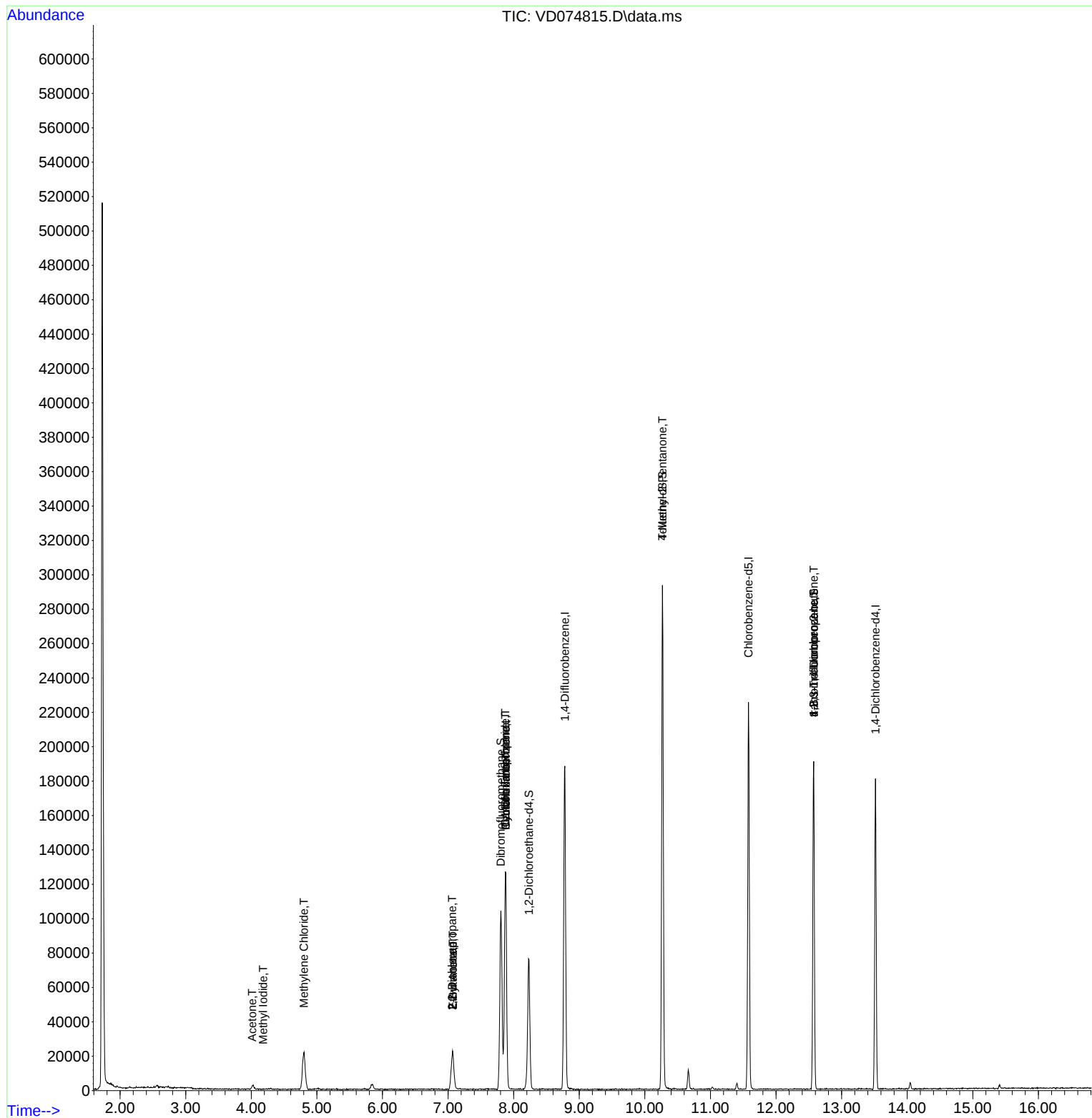
Internal Standards						
1) Pentafluorobenzene	7.881	168	106765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	142291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	51798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58669	69.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.760%			
35) Dibromofluoromethane	7.804	113	76951	70.378	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 140.760%			
50) Toluene-d8	10.269	98	211809	53.106	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.575	95	56967	49.468	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.940%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.181	142	57	5.591	ug/l #	43
11) Tert butyl alcohol	5.034	59	145	Below Cal	#	84
16) Acetone	4.016	43	3700	20.968	ug/l	89
20) Methylene Chloride	4.805	84	18942	1.884	ug/l	92
25) 2-Butanone	7.075	43	1263	5.206	ug/l #	42
26) 2,2-Dichloropropane	7.063	77	1829	1.035	ug/l #	50
31) Cyclohexane	7.881	56	1848	1.079	ug/l #	49
36) 1,1-Dichloropropene	7.875	75	7650	4.609	ug/l #	45
37) Ethyl Acetate	7.075	43	1263	2.281	ug/l #	1
38) Carbon Tetrachloride	7.875	117	10242	6.514	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	641	1.283	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	27982	69.687	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	27982	165.419	ug/l #	17

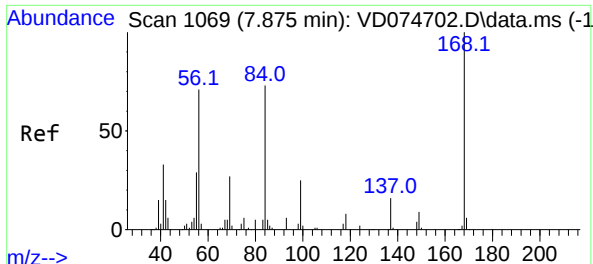
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
Data File : VD074815.D
Acq On : 08 Nov 2022 20:38
Operator : VA/SY
Sample : N5494-19RE
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

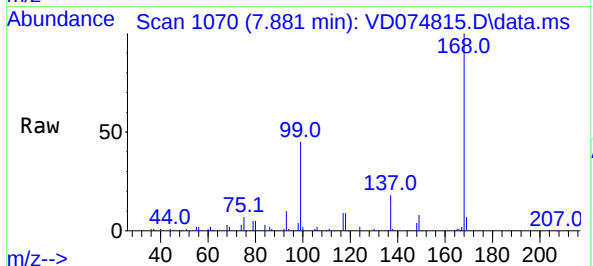
Quant Time: Nov 08 23:40:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



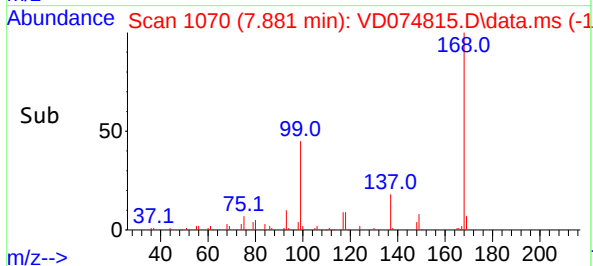
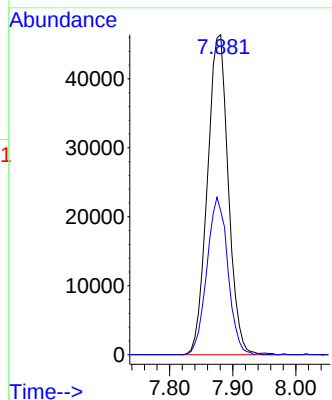


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 106765
Delta R.T. 0.006 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :

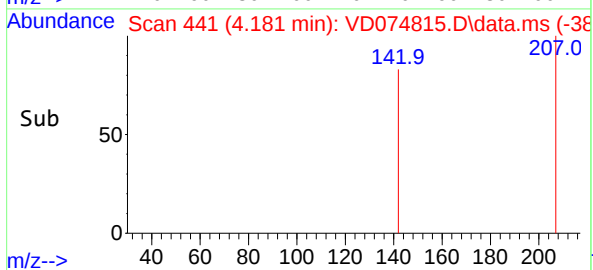
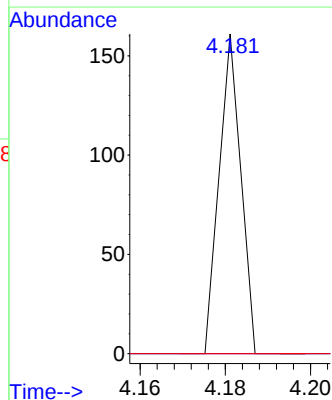
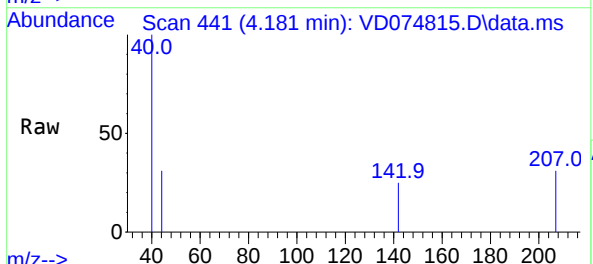


Tgt Ion:168 Resp: 106765
Ion Ratio Lower Upper
168 100
99 45.0 40.9 61.3



#10
Methyl Iodide
Concen: 5.591 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.023 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

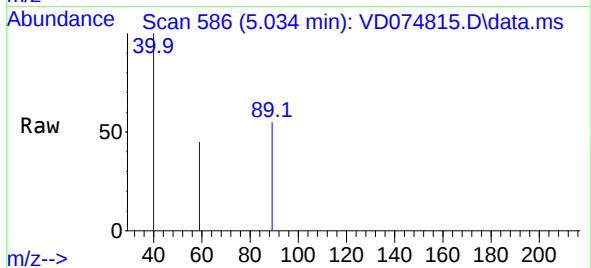
Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



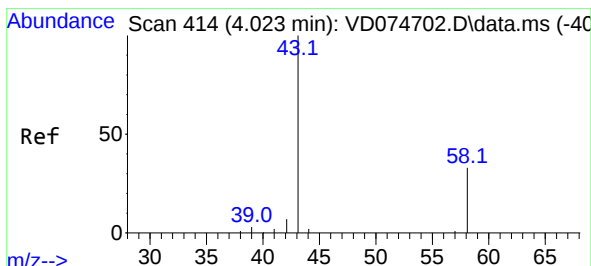
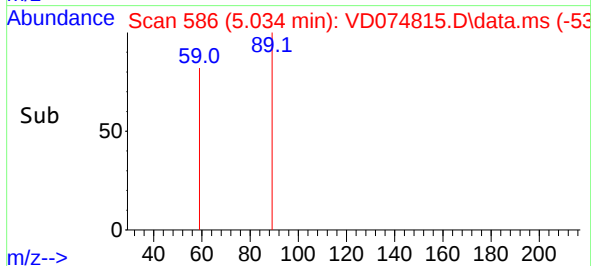
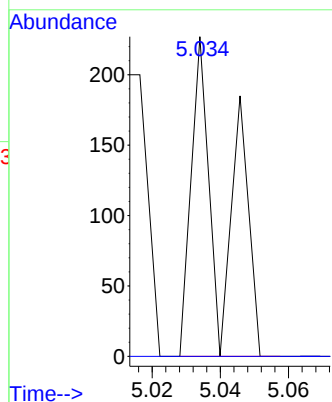


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.034 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :

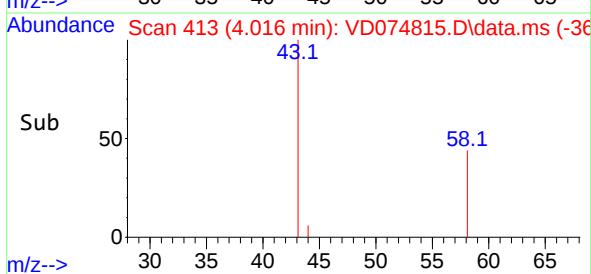
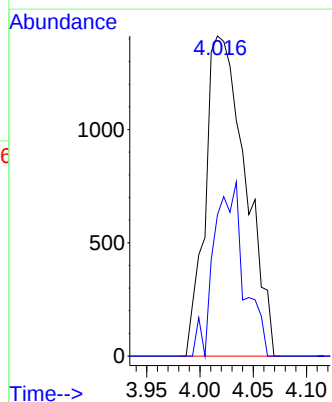
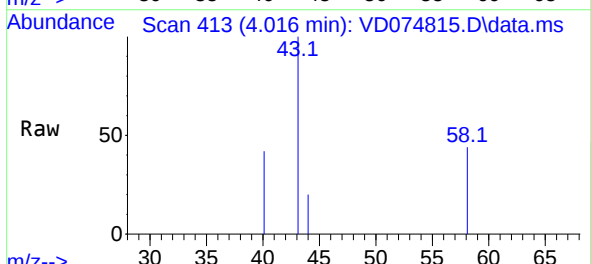


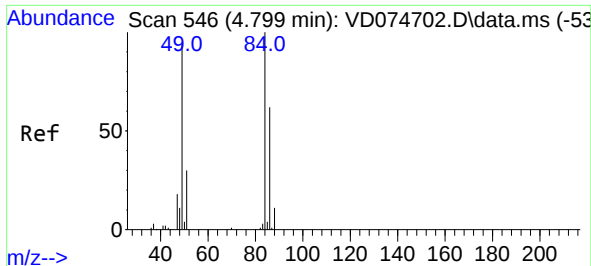
Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 20.968 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.007 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

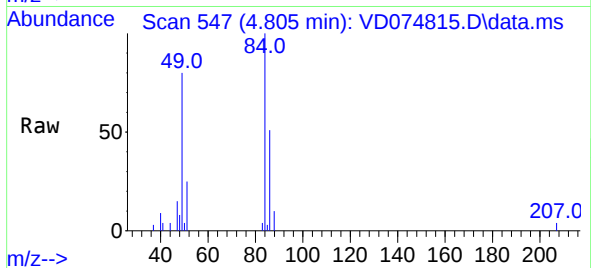
Tgt Ion: 43 Resp: 3700
Ion Ratio Lower Upper
43 100
58 44.2 30.2 45.2





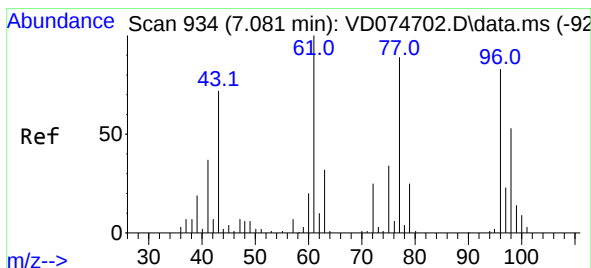
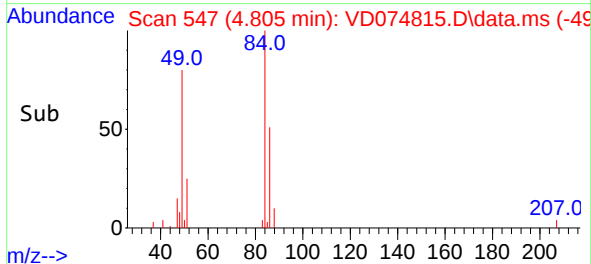
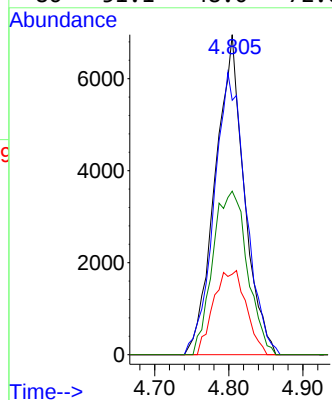
#20
Methylene Chloride
Concen: 1.884 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 18942

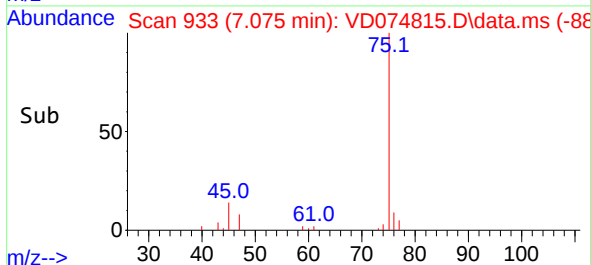
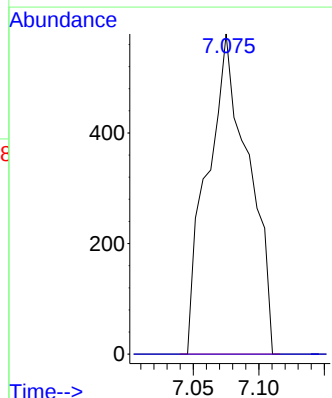
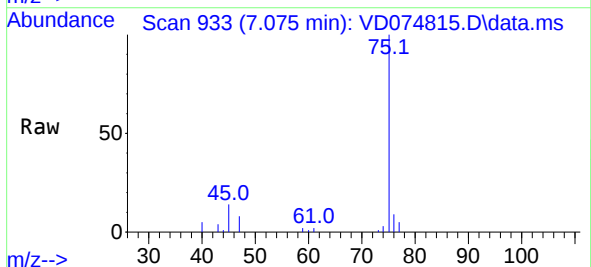
Ion	Ratio	Lower	Upper
84	100		
49	79.5	68.0	102.0
51	25.2	23.2	34.8
86	51.1	48.0	72.0

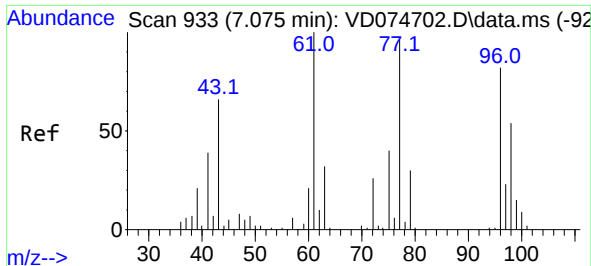


#25
2-Butanone
Concen: 5.206 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

Tgt Ion: 43 Resp: 1263

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

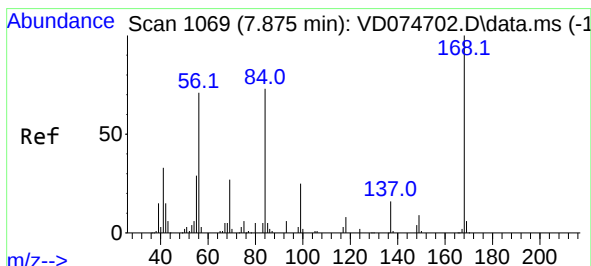
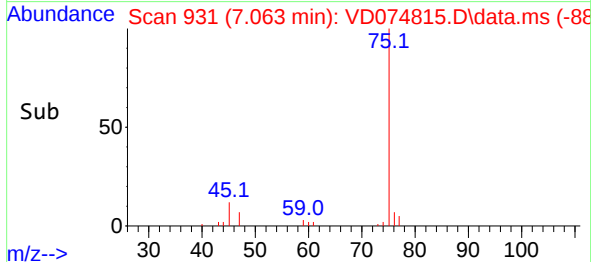
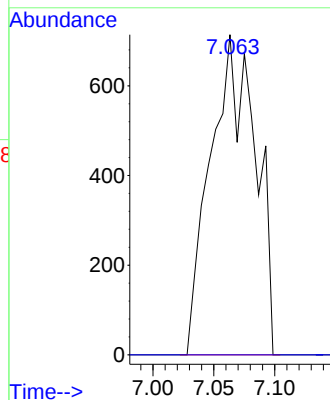
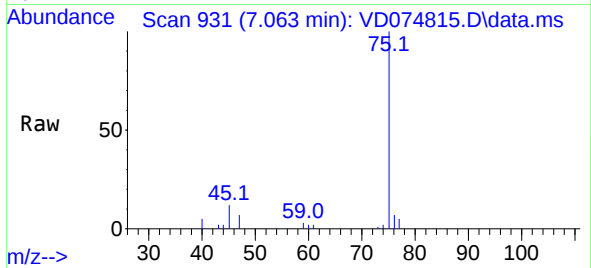




#26
2,2-Dichloropropane
Concen: 1.035 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

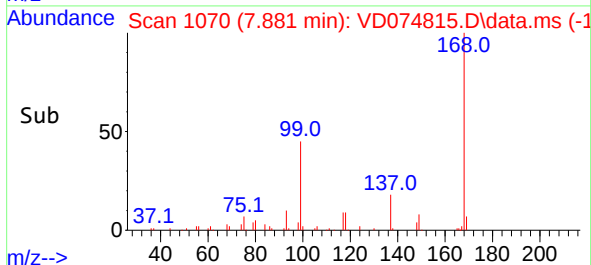
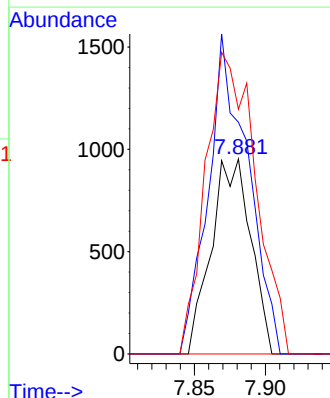
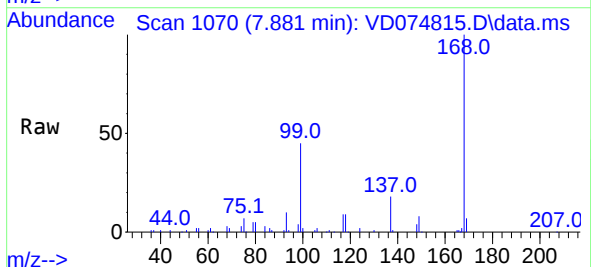
Instrument :
MSVOA_D
ClientSampleId :

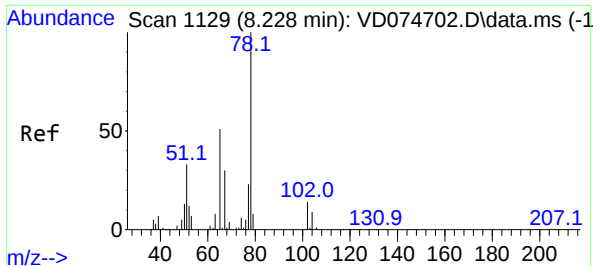
Tgt Ion: 77 Resp: 1829
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

Tgt Ion: 56 Resp: 1848
Ion Ratio Lower Upper
56 100
69 118.8 29.2 43.8#
84 125.5 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 69.382 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074815.D

Acq: 08 Nov 2022 20:38

Instrument :

MSVOA_D

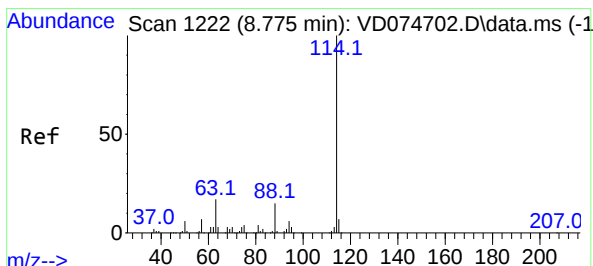
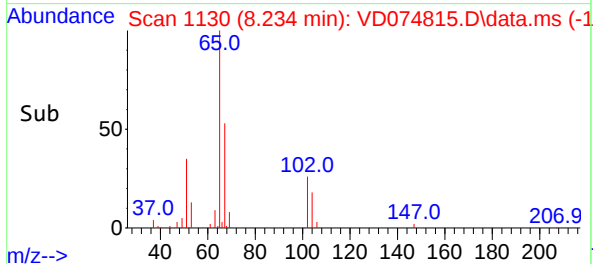
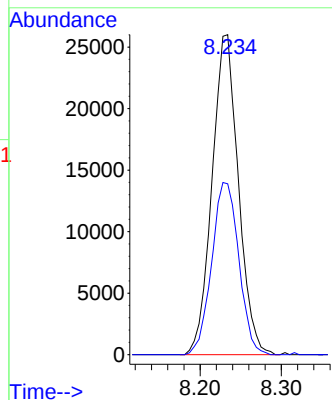
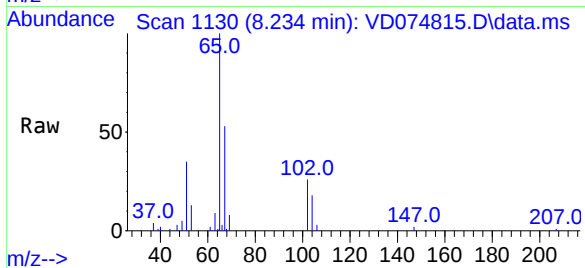
ClientSampleId :

Tgt Ion: 65 Resp: 58669

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074815.D

Acq: 08 Nov 2022 20:38

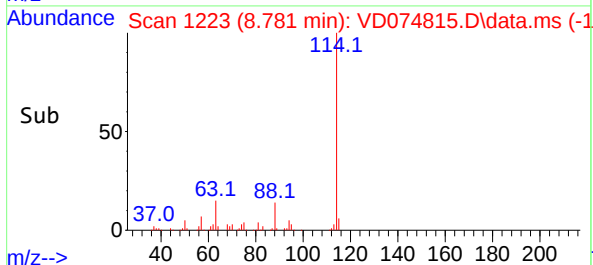
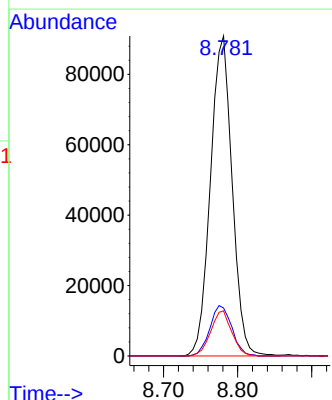
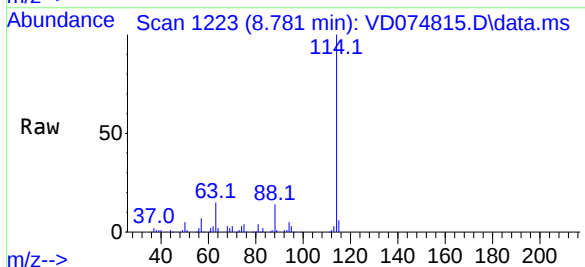
Tgt Ion: 114 Resp: 184840

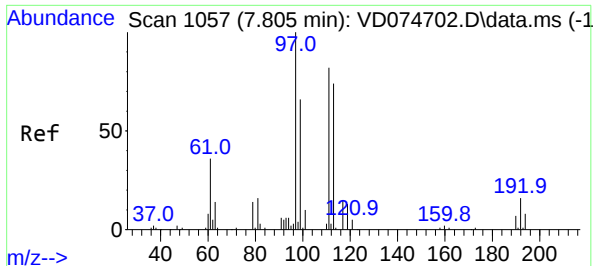
Ion Ratio Lower Upper

114 100

63 15.0 0.0 33.2

88 14.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 70.378 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074815.D

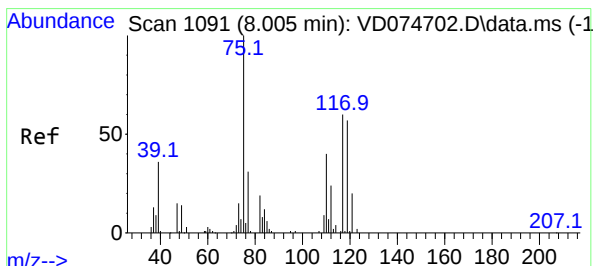
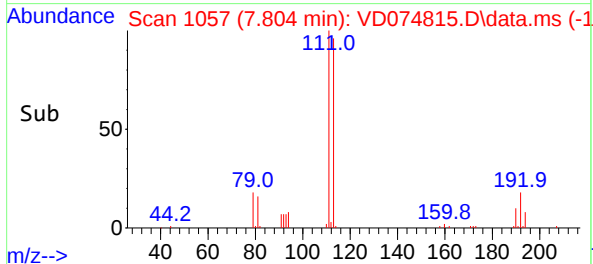
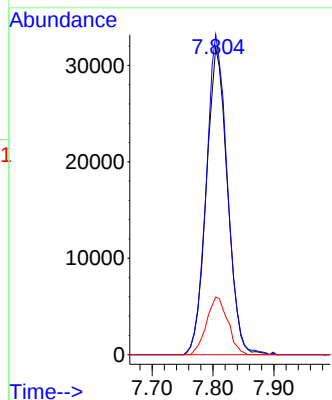
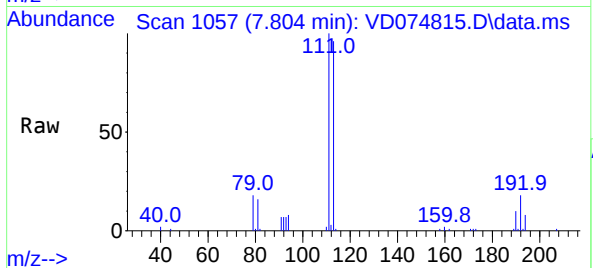
Acq: 08 Nov 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	76951
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	18.9	16.4	24.6



#36

1,1-Dichloropropene

Concen: 4.609 ug/l

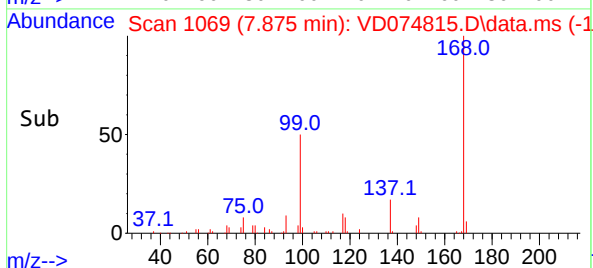
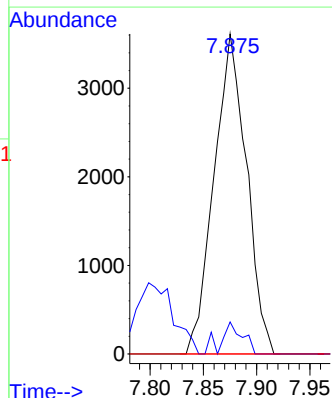
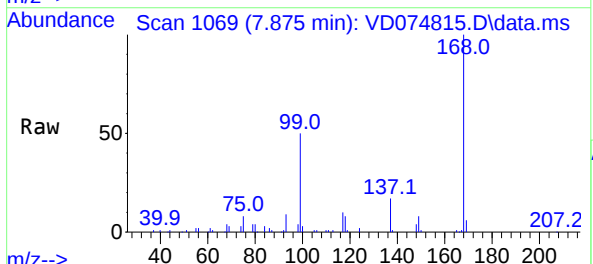
RT: 7.875 min Scan# 1069

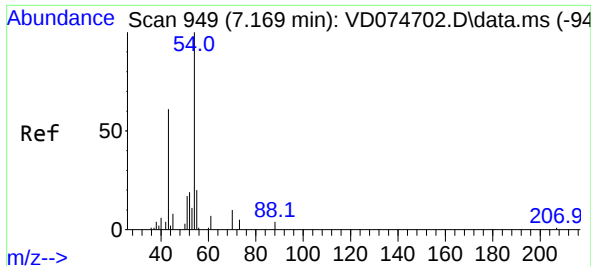
Delta R.T. -0.130 min

Lab File: VD074815.D

Acq: 08 Nov 2022 20:38

Tgt Ion:	75	Resp:	7650
Ion	Ratio	Lower	Upper
75	100		
110	6.6	19.7	59.0#
77	0.0	25.4	38.2#





#37

Ethyl Acetate

Concen: 2.281 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

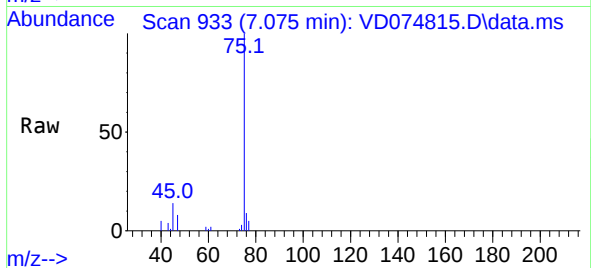
Lab File: VD074815.D

Acq: 08 Nov 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :



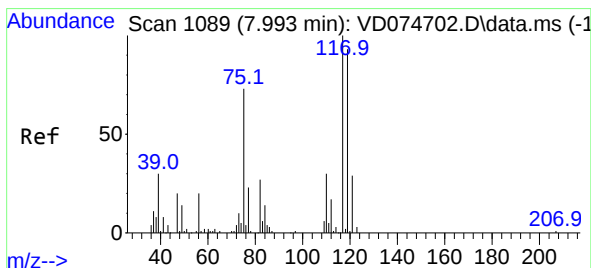
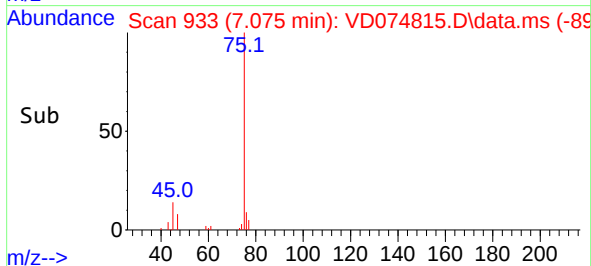
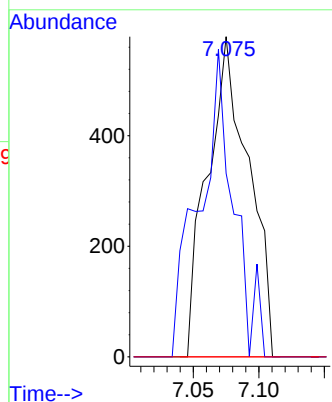
Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

61 80.4 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.514 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074815.D

Acq: 08 Nov 2022 20:38

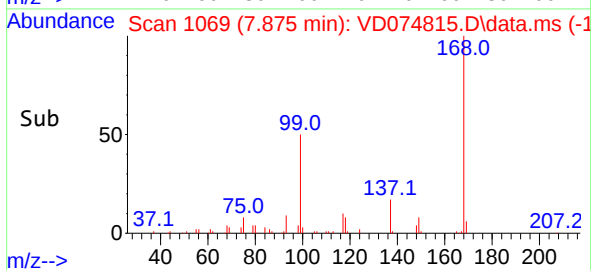
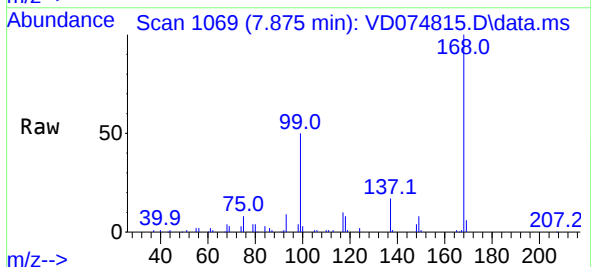
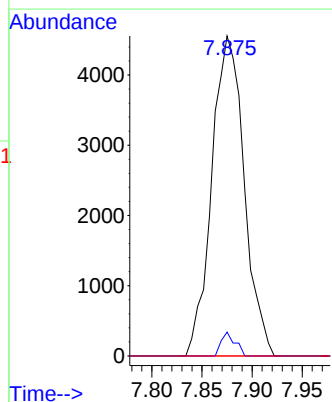
Tgt Ion: 117 Resp: 10242

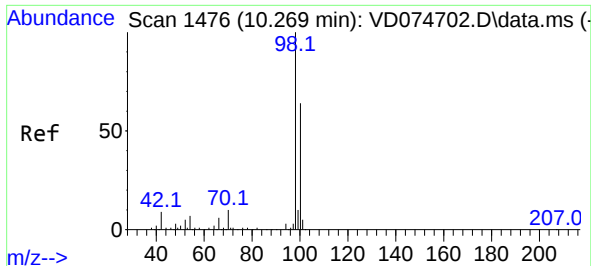
Ion Ratio Lower Upper

117 100

119 7.5 73.1 109.7#

121 0.0 25.0 37.6#

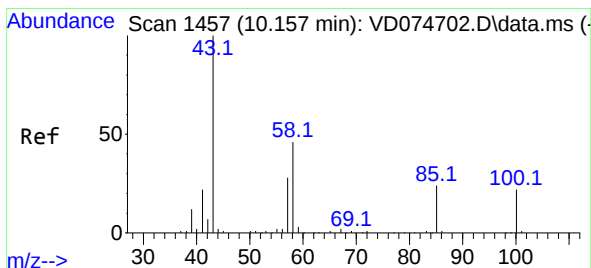
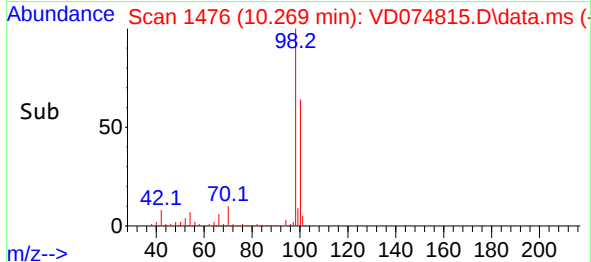
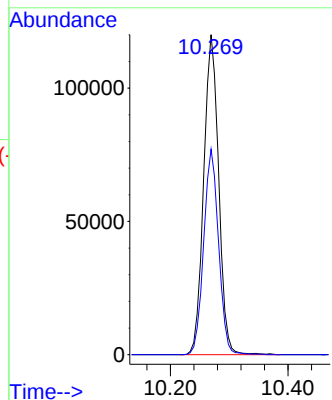
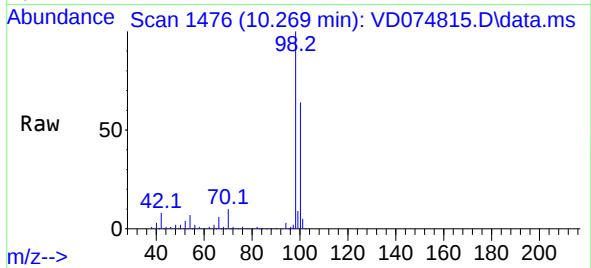




#50
Toluene-d8
Concen: 53.106 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

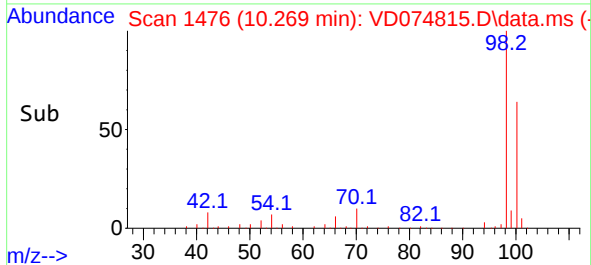
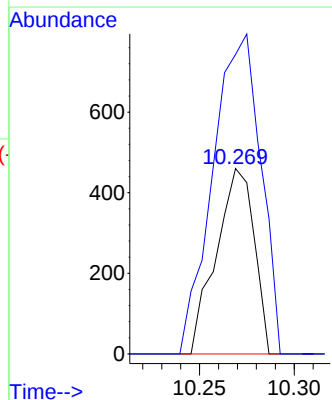
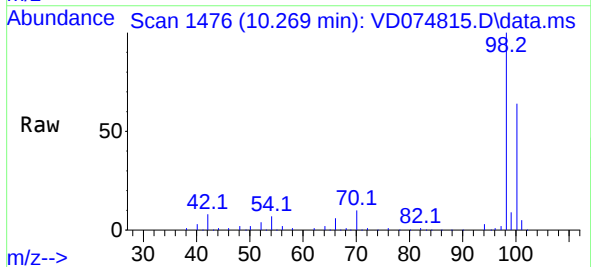
Instrument :
MSVOA_D
ClientSampleId :

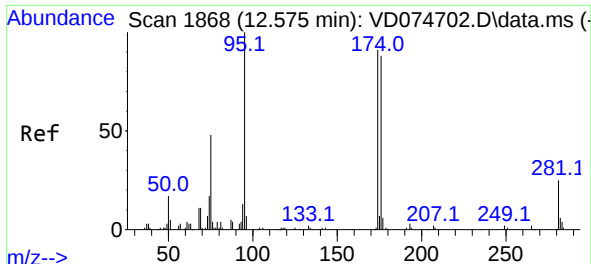
Tgt Ion: 98 Resp: 211809
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
58 217.6 37.8 56.6#

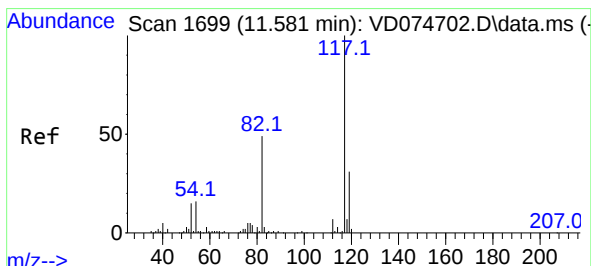
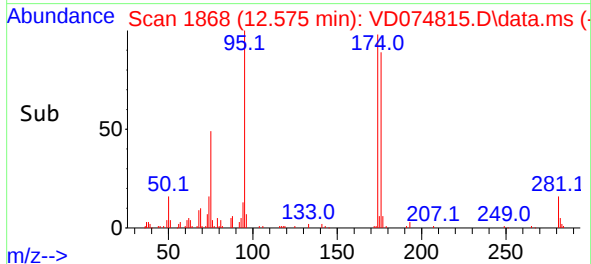
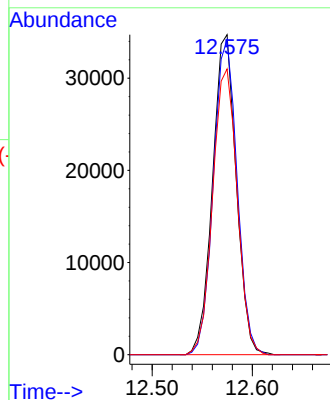
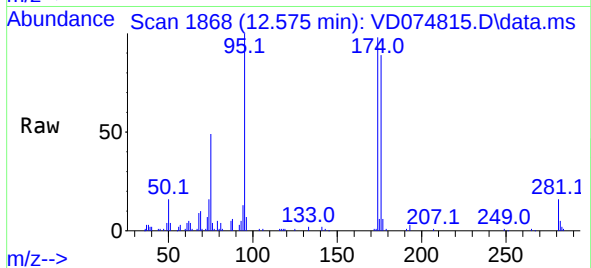




#62
4-Bromofluorobenzene
Concen: 49.468 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

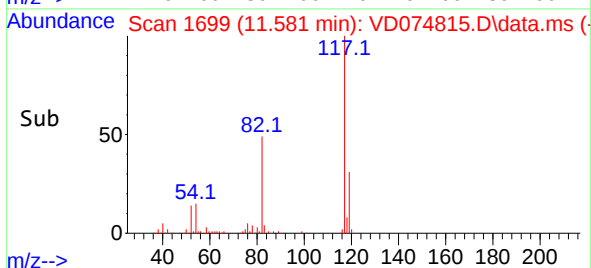
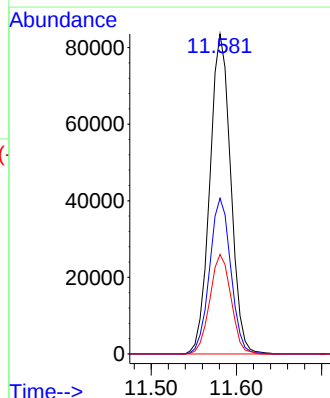
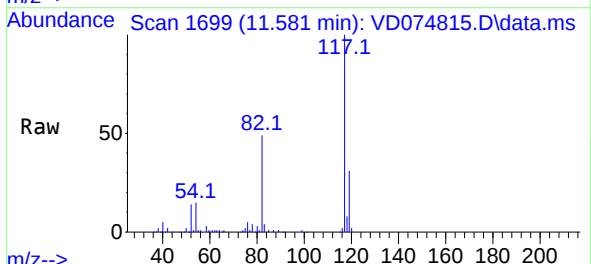
Instrument :
MSVOA_D
ClientSampleId :

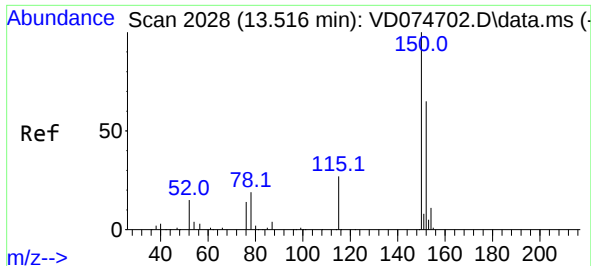
Tgt Ion: 95 Resp: 56967
Ion Ratio Lower Upper
95 100
174 98.3 0.0 197.0
176 92.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

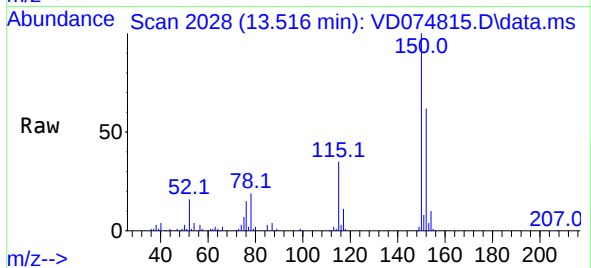
Tgt Ion: 117 Resp: 142291
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 31.1 25.2 37.8



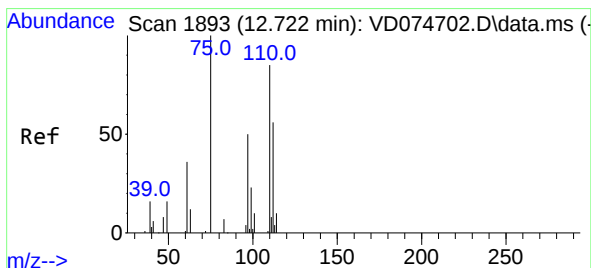
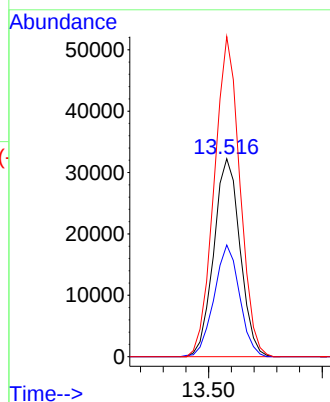
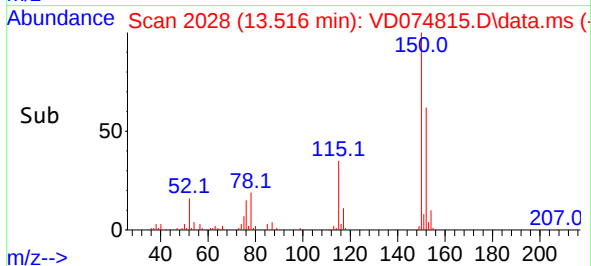


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074815.D
 Acq: 08 Nov 2022 20:38

Instrument :
 MSVOA_D
 ClientSampleId :

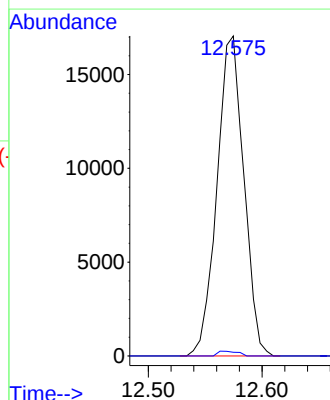
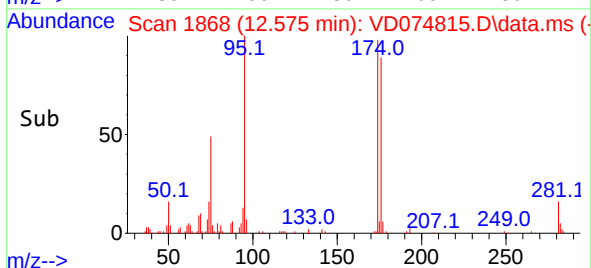
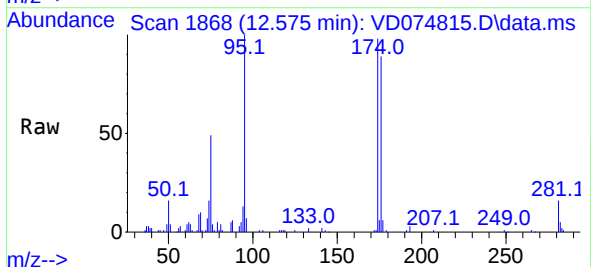


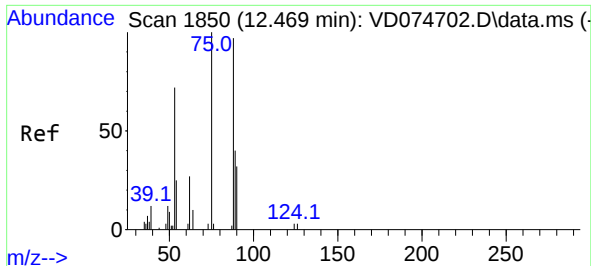
Tgt Ion:152 Resp: 51798
 Ion Ratio Lower Upper
 152 100
 115 54.7 26.8 80.4
 150 158.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 69.687 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074815.D
 Acq: 08 Nov 2022 20:38

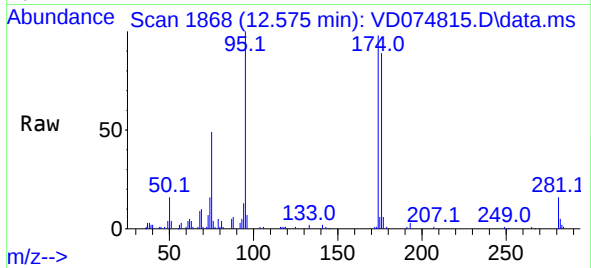
Tgt Ion: 75 Resp: 27982
 Ion Ratio Lower Upper
 75 100
 77 1.1 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.419 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074815.D
 Acq: 08 Nov 2022 20:38

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 27982
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

