

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075744.D
 Acq On : 19 Apr 2023 12:55
 Operator : KP/SY
 Sample : 02404-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:00:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

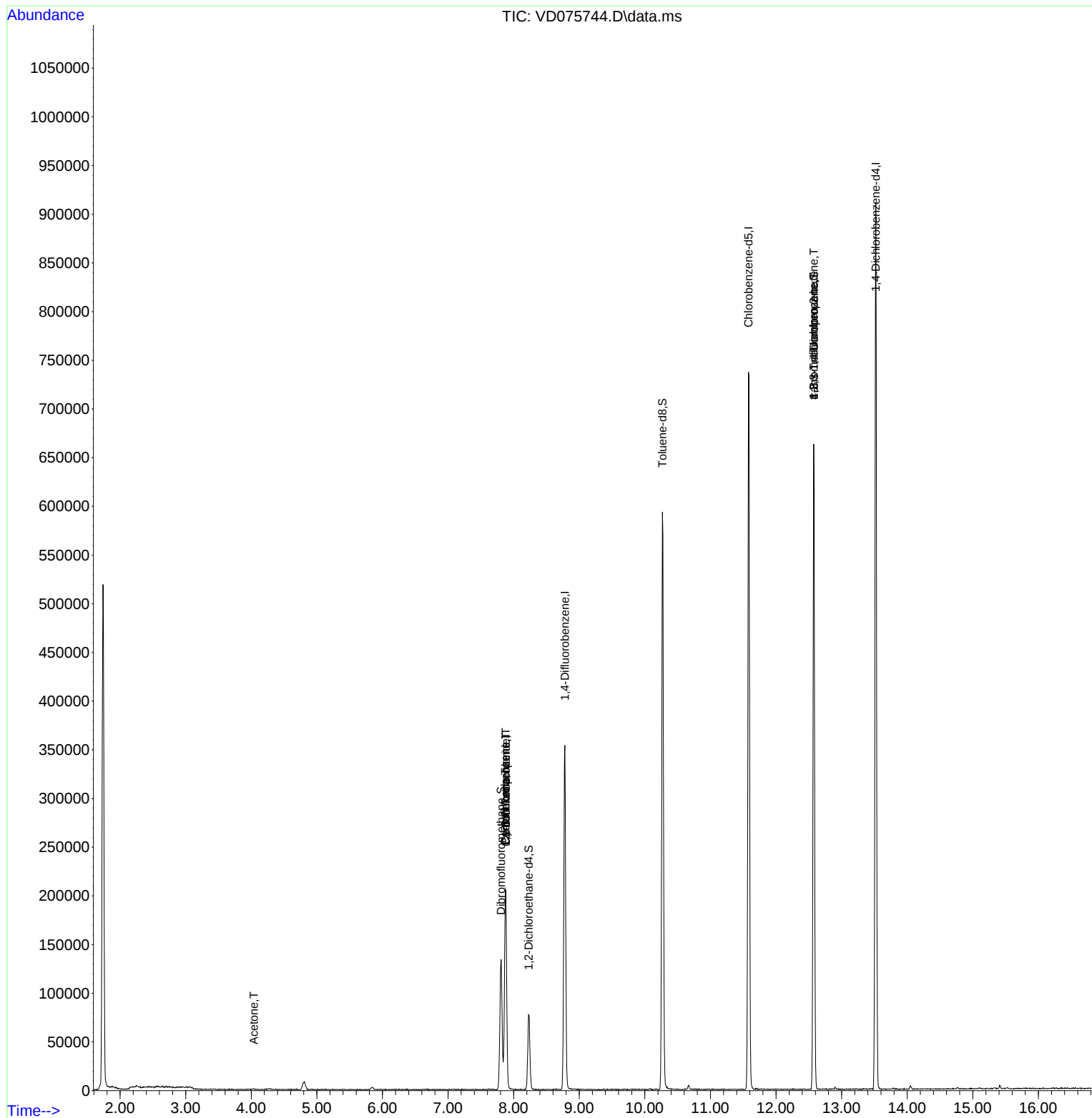
Internal Standards						
1) Pentafluorobenzene	7.875	168	171914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	342699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	479153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	262415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61449	37.657	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.320%		
35) Dibromofluoromethane	7.810	113	100431	43.571	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.140%		
50) Toluene-d8	10.269	98	447668	48.499	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.000%		
62) 4-Bromofluorobenzene	12.575	95	206976	84.361	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	168.720%#		
Target Compounds						
16) Acetone	4.040	43	1028	3.439	ug/l #	44
20) Methylene Chloride	4.810	84	7690	Below Cal	#	70
31) Cyclohexane	7.875	56	2984	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	12616	3.967	ug/l #	50
38) Carbon Tetrachloride	7.881	117	15445	5.516	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	100636	47.027	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	100636	101.926	ug/l #	5

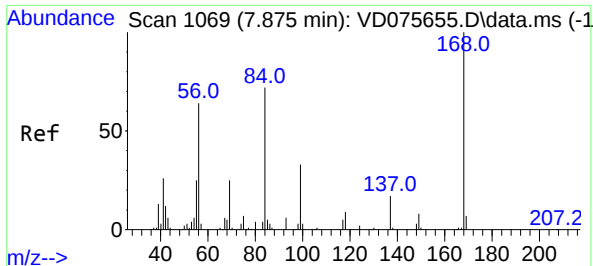
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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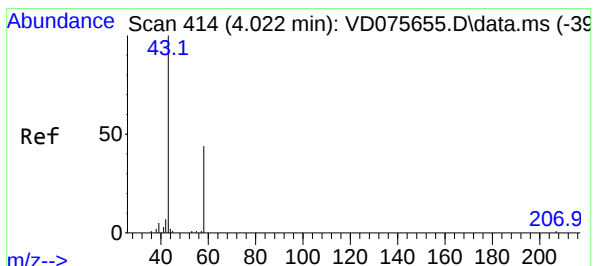
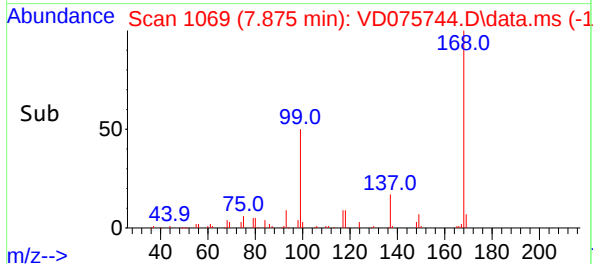
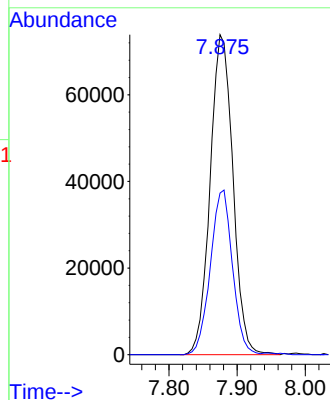
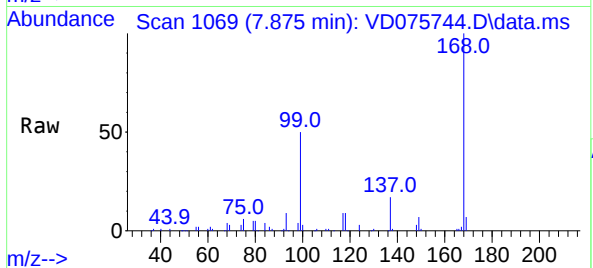




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

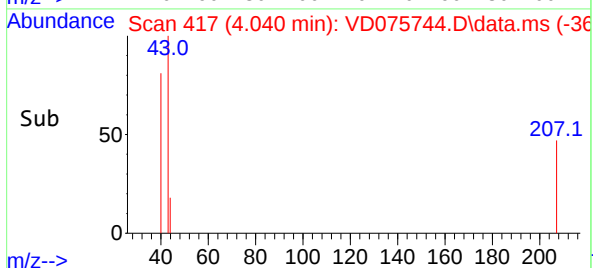
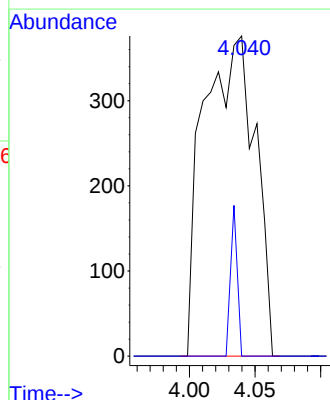
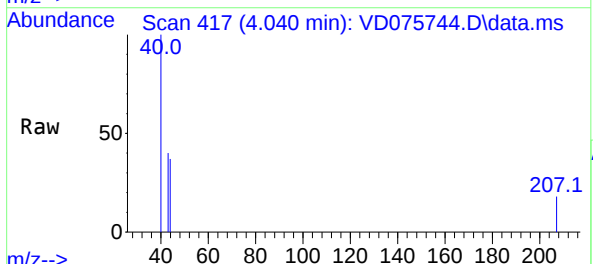
Instrument :
MSVOA_D
ClientSampleId :

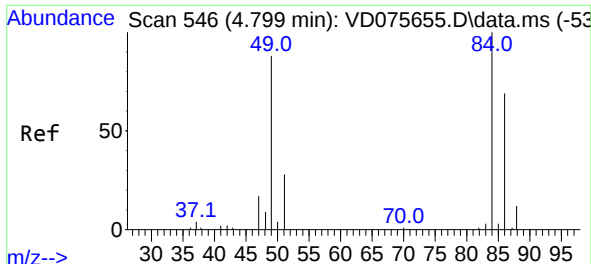
Tgt Ion:168 Resp: 171914
Ion Ratio Lower Upper
168 100
99 50.5 43.8 65.6



#16
Acetone
Concen: 3.439 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

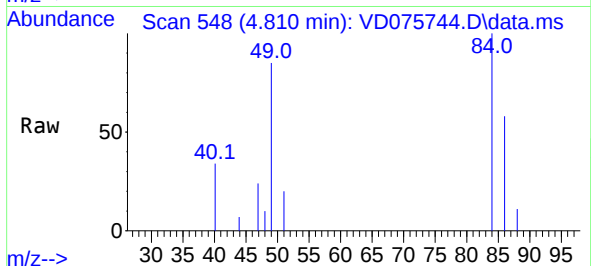
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



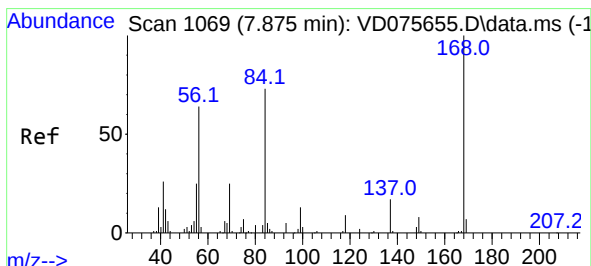
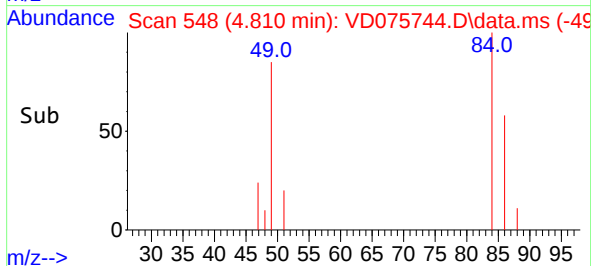
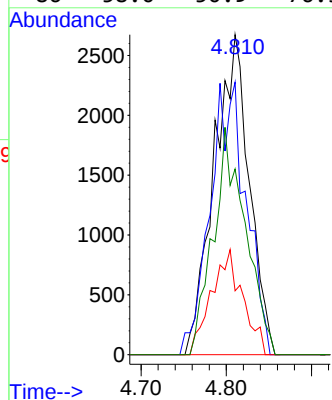


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.011 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

Instrument :
MSVOA_D
ClientSampleId :

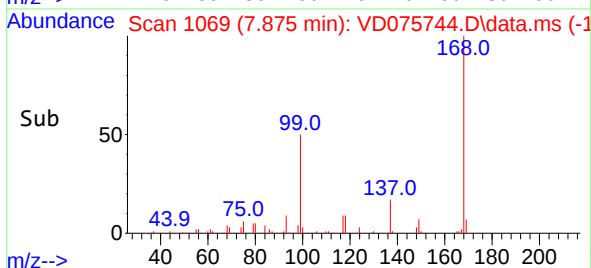
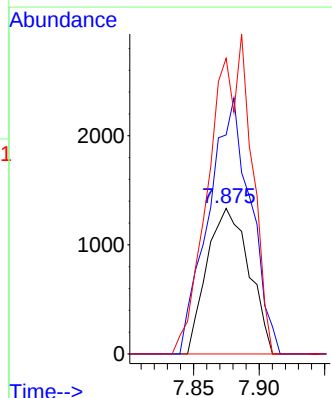
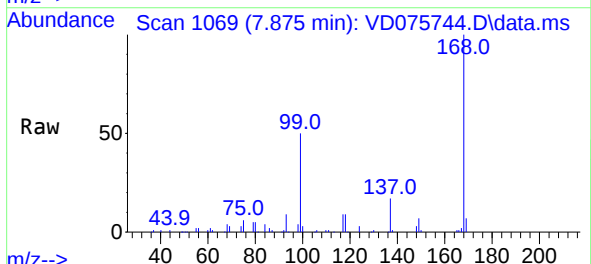


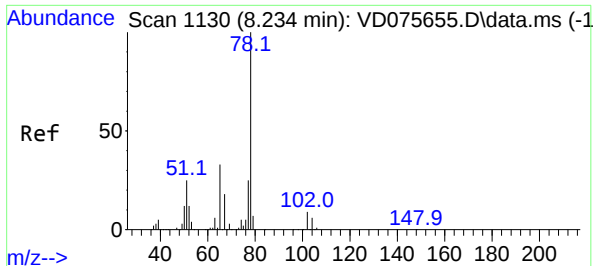
Tgt Ion: 84 Resp: 7690
Ion Ratio Lower Upper
84 100
49 85.2 106.4 159.6#
51 20.0 32.4 48.6#
86 58.0 50.9 76.3



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

Tgt Ion: 56 Resp: 2984
Ion Ratio Lower Upper
56 100
69 150.4 25.5 38.3#
84 203.0 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 37.657 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075744.D

Acq: 19 Apr 2023 12:55

Instrument :

MSVOA_D

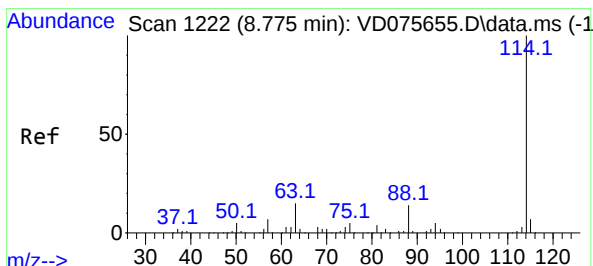
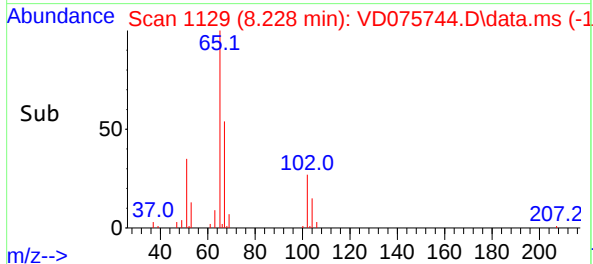
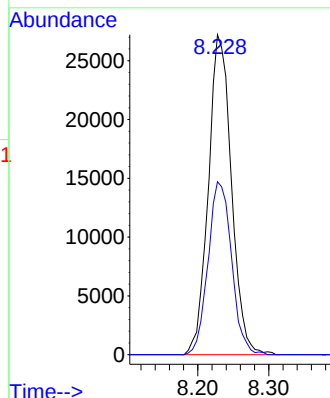
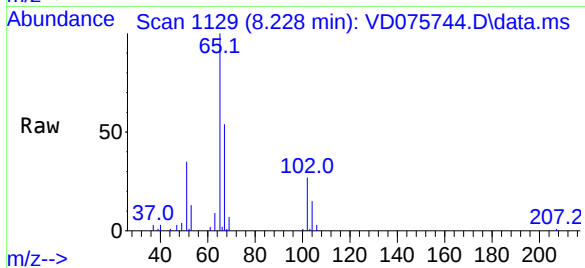
ClientSampleId :

Tgt Ion: 65 Resp: 61449

Ion Ratio Lower Upper

65 100

67 55.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075744.D

Acq: 19 Apr 2023 12:55

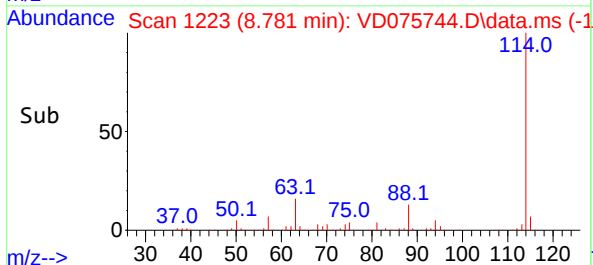
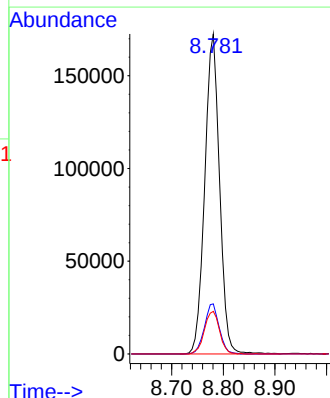
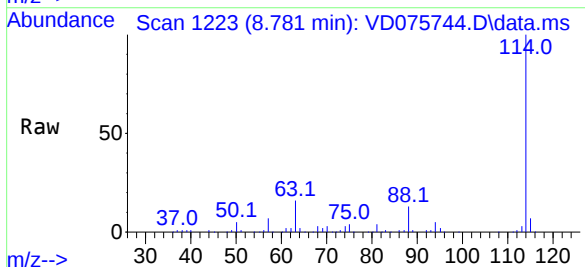
Tgt Ion: 114 Resp: 342699

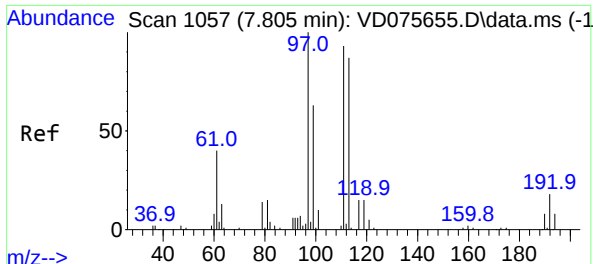
Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

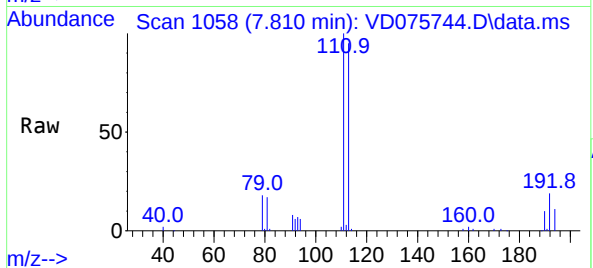
88 13.3 0.0 30.6



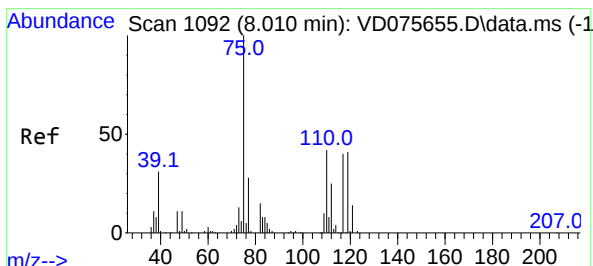
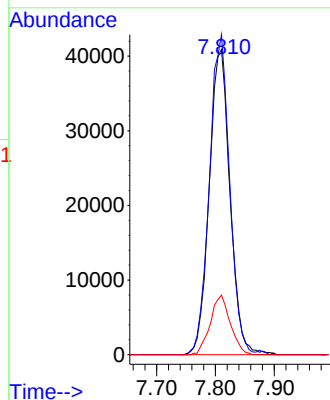
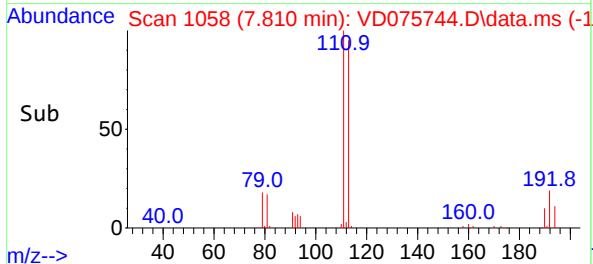


#35
Dibromofluoromethane
Concen: 43.571 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

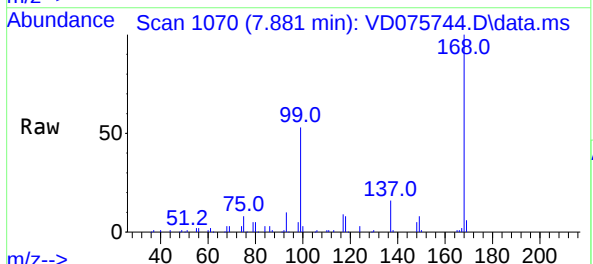
Instrument :
MSVOA_D
ClientSampleId :



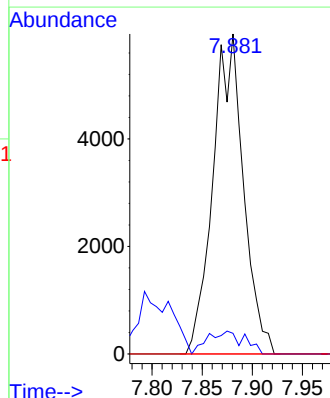
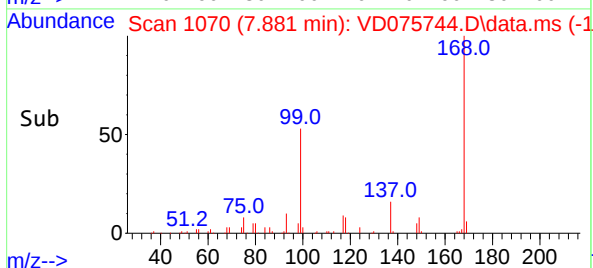
Tgt Ion:113 Resp: 100431
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 18.8 15.2 22.8

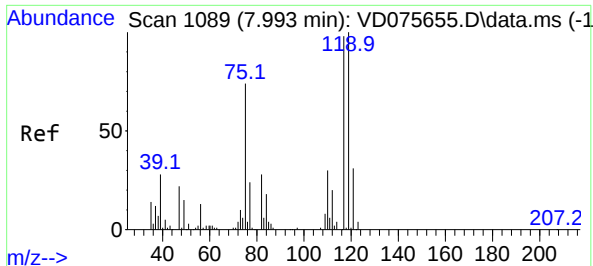


#36
1,1-Dichloropropene
Concen: 3.967 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55



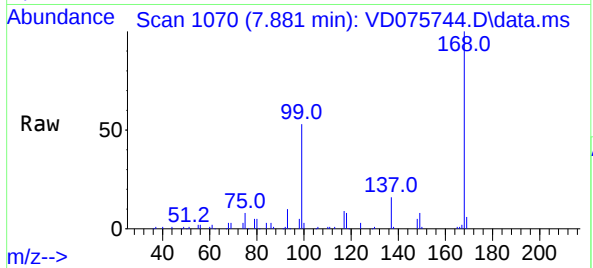
Tgt Ion: 75 Resp: 12616
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.6 36.8#



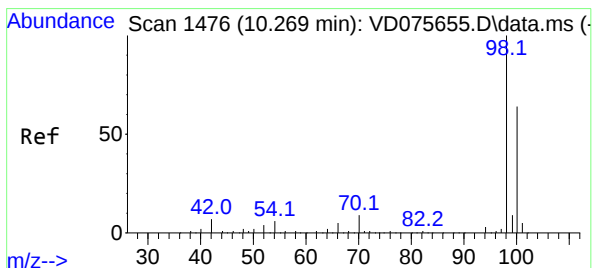
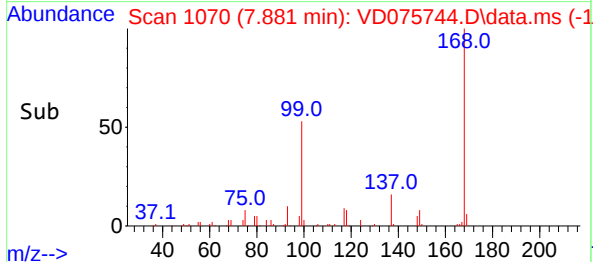
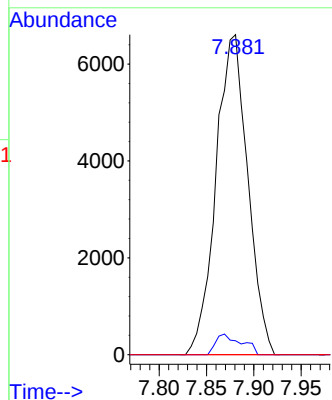


#38
Carbon Tetrachloride
Concen: 5.516 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

Instrument :
MSVOA_D
ClientSampleId :

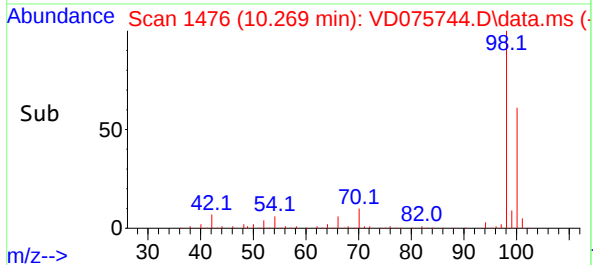
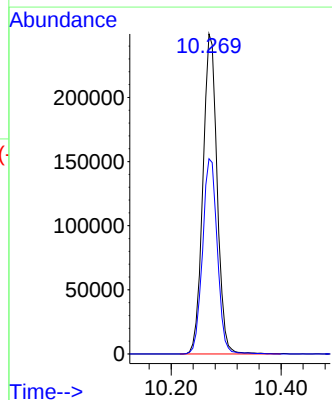
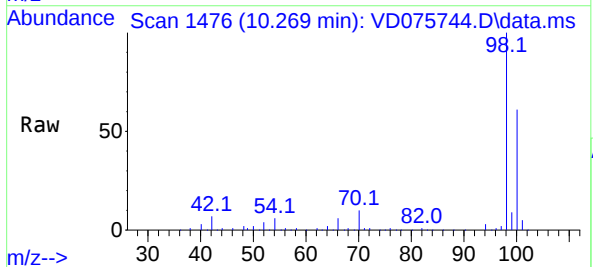


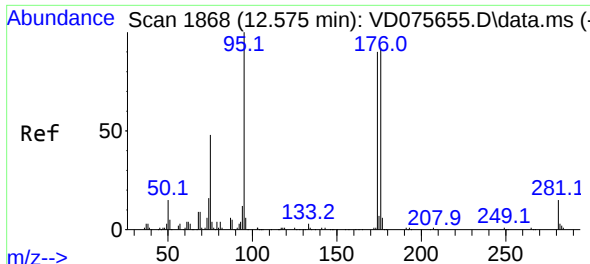
Tgt Ion:117 Resp: 15445
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 48.499 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

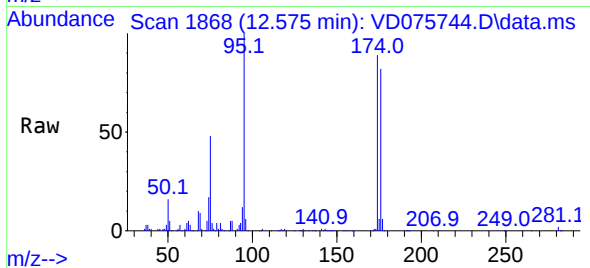
Tgt Ion: 98 Resp: 447668
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



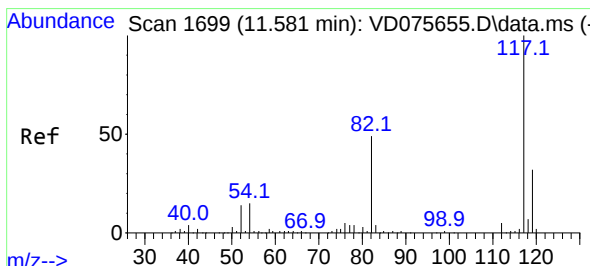
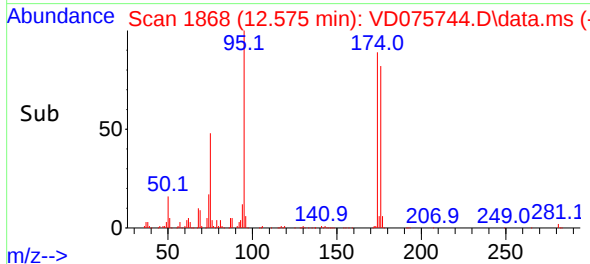
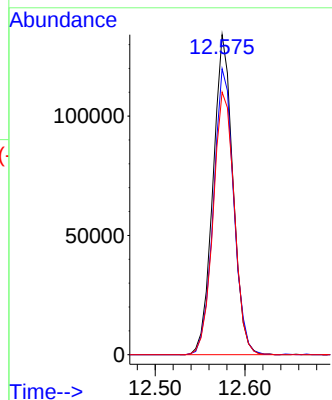


#62
4-Bromofluorobenzene
Concen: 84.361 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

Instrument :
MSVOA_D
ClientSampleId :

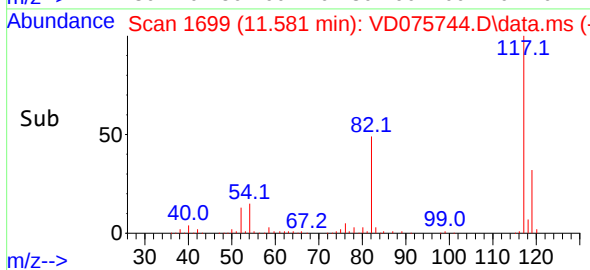
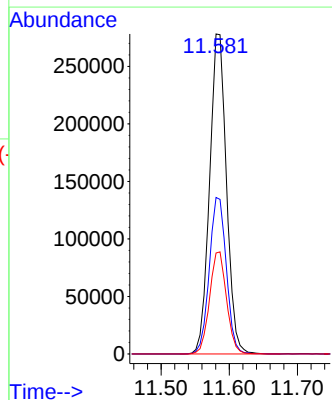
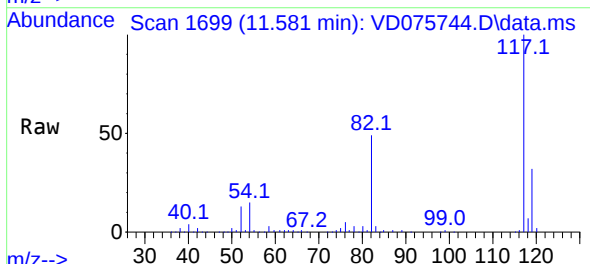


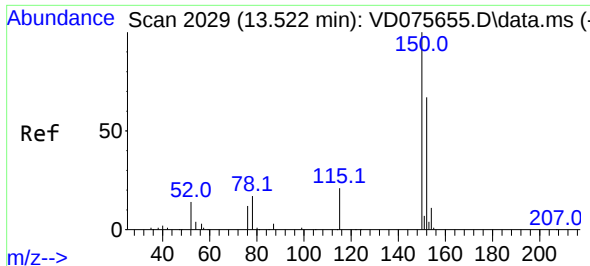
Tgt Ion: 95 Resp: 206976
Ion Ratio Lower Upper
95 100
174 90.7 0.0 164.0
176 86.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

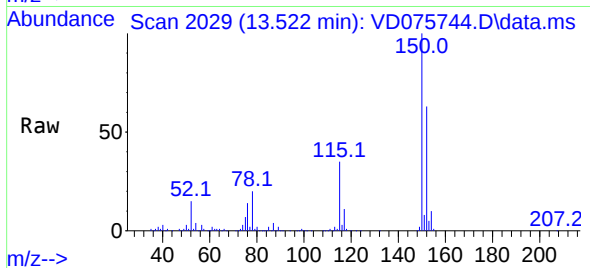
Tgt Ion: 117 Resp: 479153
Ion Ratio Lower Upper
117 100
82 48.9 44.0 66.0
119 31.5 25.1 37.7



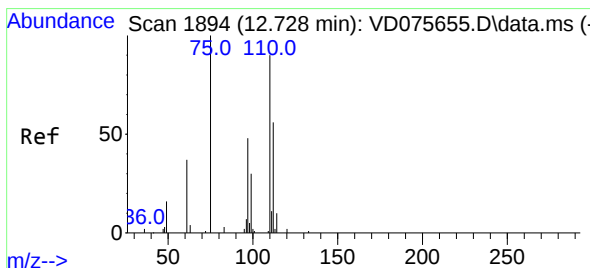
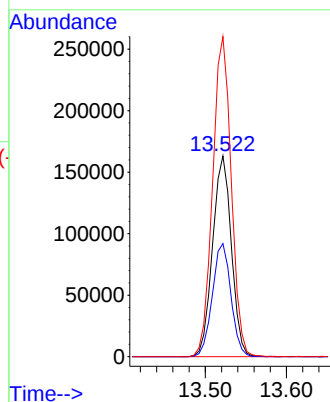
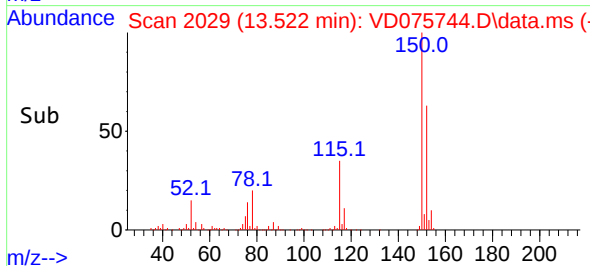


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075744.D
 Acq: 19 Apr 2023 12:55

Instrument :
 MSVOA_D
 ClientSampleId :

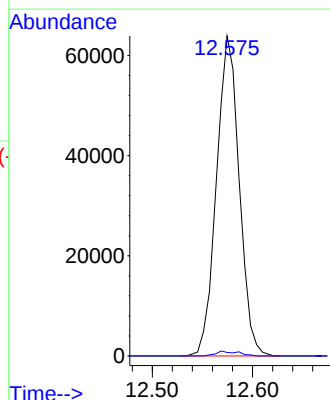
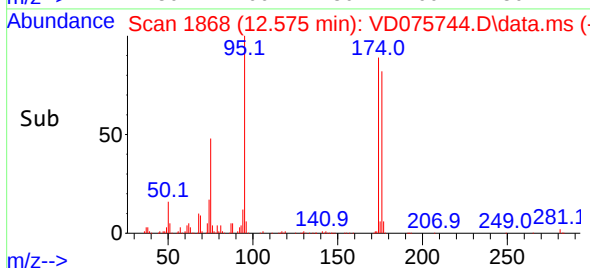
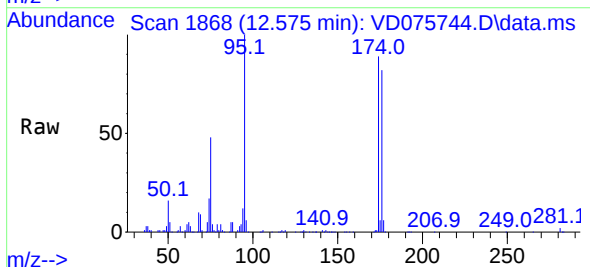


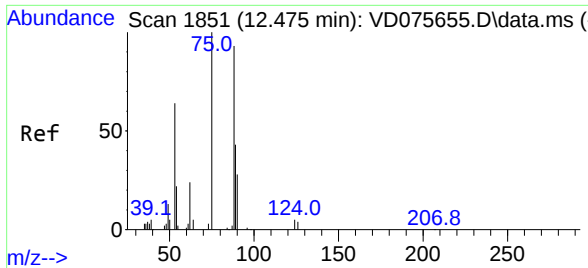
Tgt Ion:152 Resp: 262415
 Ion Ratio Lower Upper
 152 100
 115 55.8 30.1 90.3
 150 157.8 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 47.027 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075744.D
 Acq: 19 Apr 2023 12:55

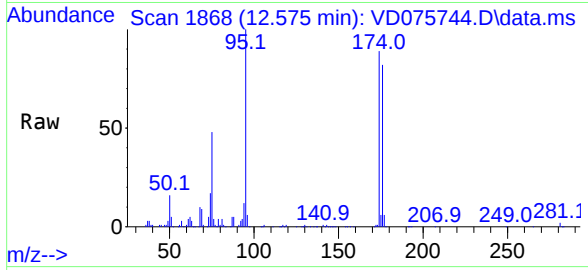
Tgt Ion: 75 Resp: 100636
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.926 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075744.D
 Acq: 19 Apr 2023 12:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	100636
Ion Ratio	Lower	Upper	
75	100		
53	0.1	90.5	135.7#
89	0.0	40.2	60.4#

