

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075755.D
 Acq On : 19 Apr 2023 18:13
 Operator : KP/SY
 Sample : 02270-22RE
 Misc : 4.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:01:45 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)

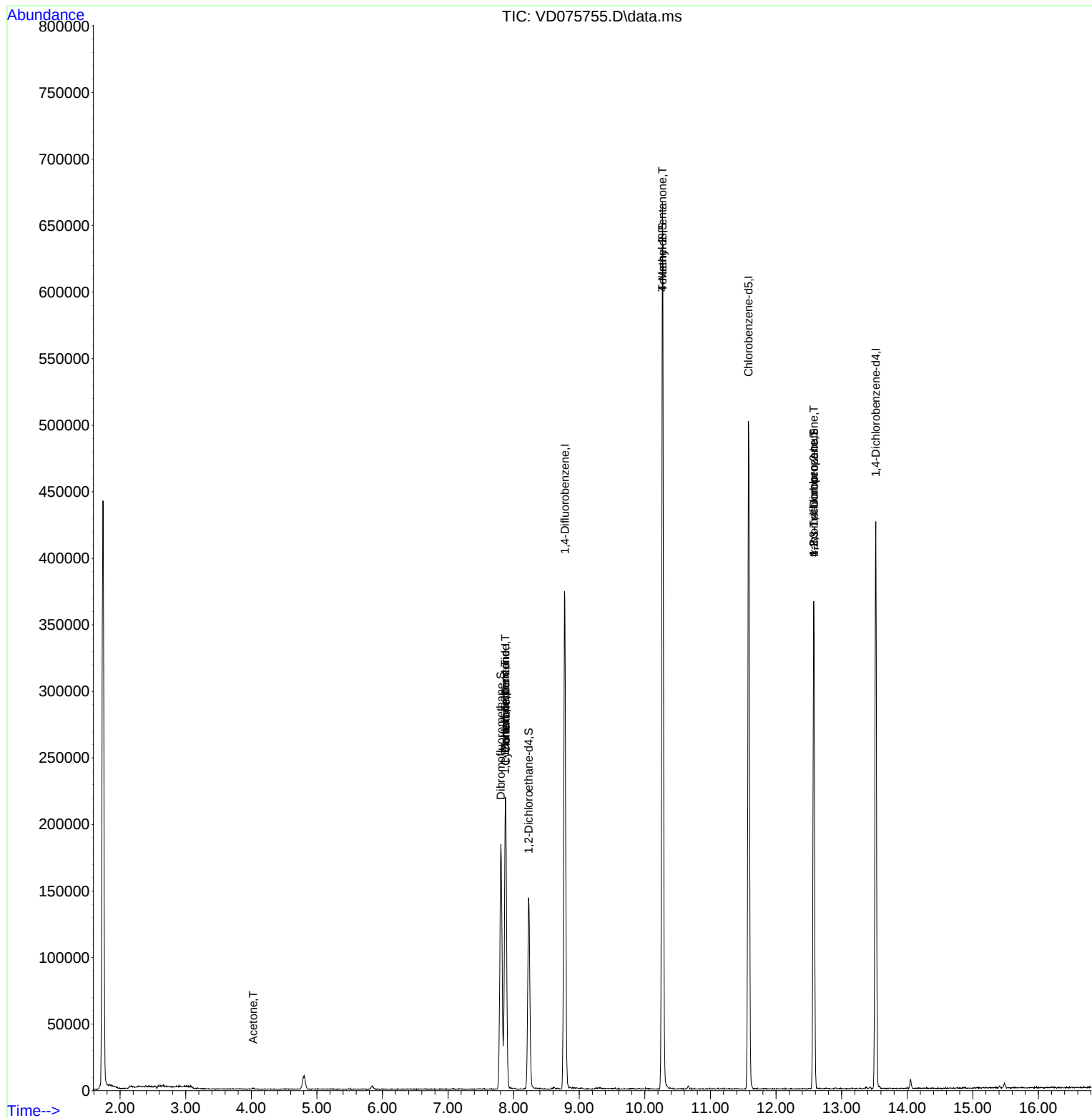
Internal Standards						
1) Pentafluorobenzene	7.875	168	183625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	366349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110850	63.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.200%	
35) Dibromofluoromethane	7.804	113	137206	55.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.269	98	483150	48.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.575	95	115762	44.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.280%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	703	2.202	ug/l #	44
20) Methylene Chloride	4.805	84	9070	Below Cal	#	79
31) Cyclohexane	7.881	56	3735	1.366	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	13629	4.009	ug/l #	50
38) Carbon Tetrachloride	7.875	117	17208	5.748	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1334	1.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	56024	55.945	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	56024	121.255	ug/l #	5

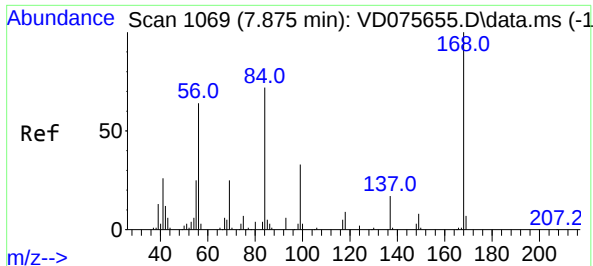
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
Data File : VD075755.D
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Misc : 4.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

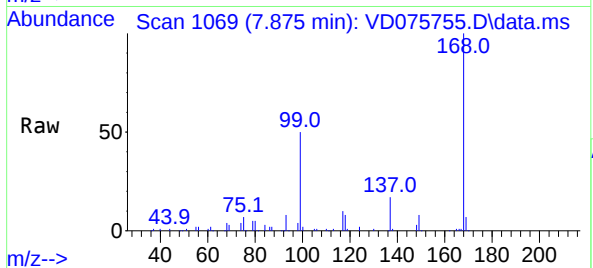
Quant Time: Apr 20 06:01:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration



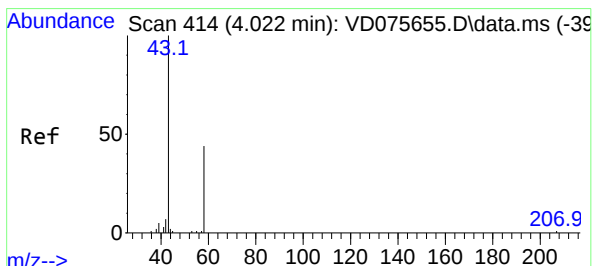
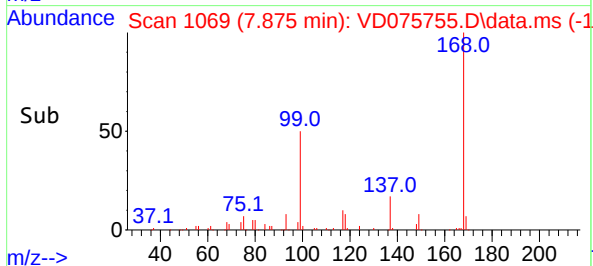
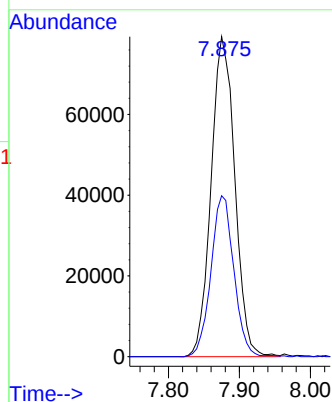


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :

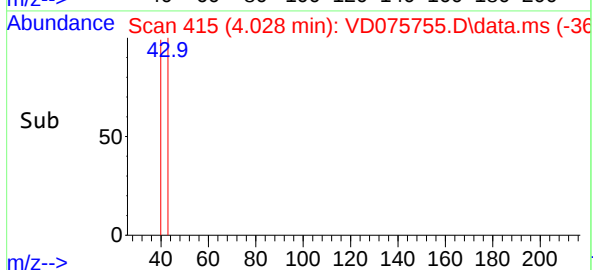
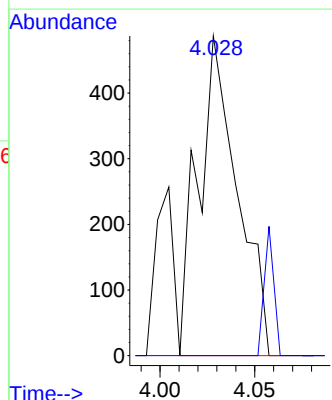
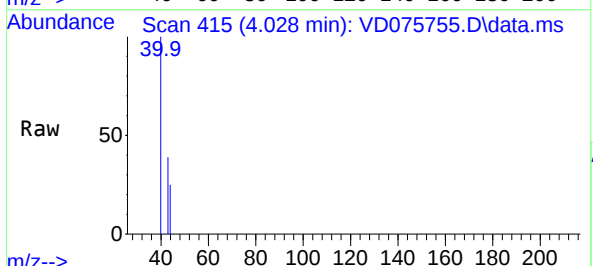


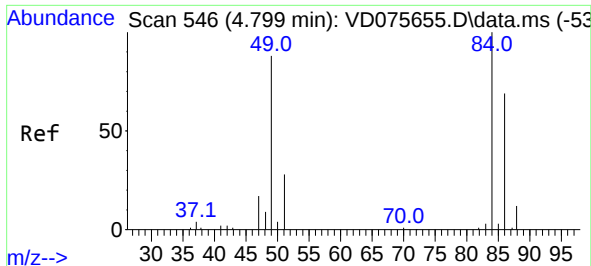
Tgt Ion:168 Resp: 183625
Ion Ratio Lower Upper
168 100
99 50.3 43.8 65.6



#16
Acetone
Concen: 2.202 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

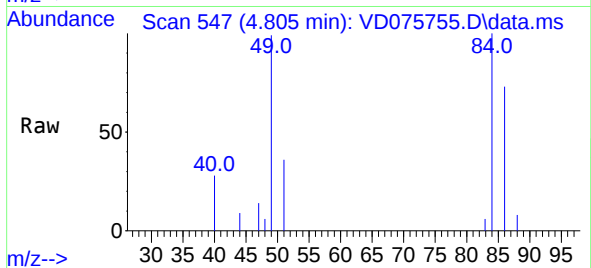
Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





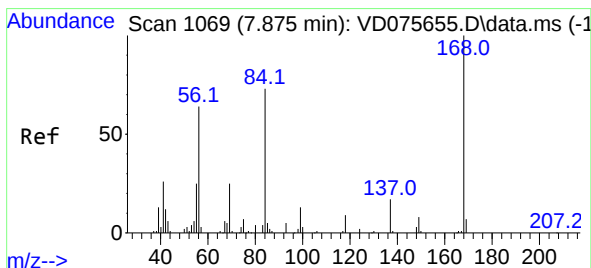
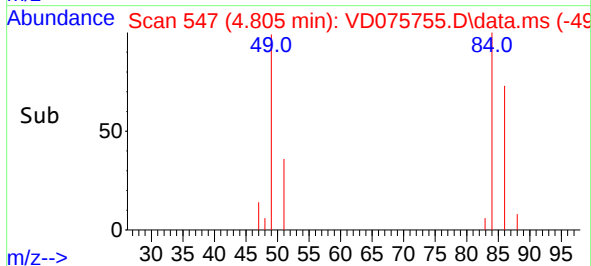
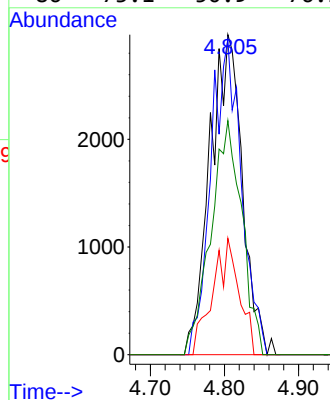
#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 9070

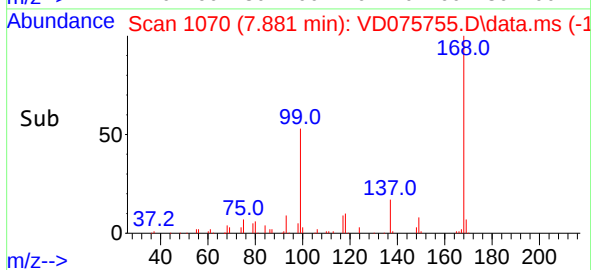
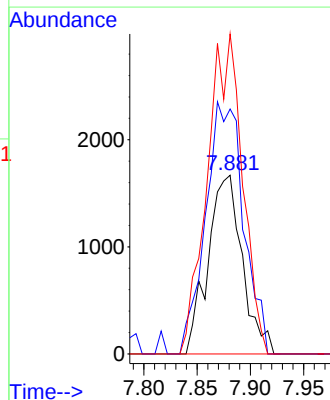
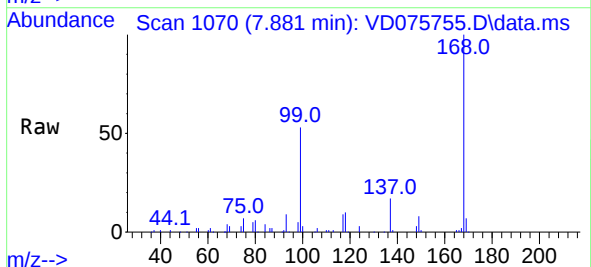
Ion	Ratio	Lower	Upper
84	100		
49	98.5	106.4	159.6#
51	36.4	32.4	48.6
86	73.1	50.9	76.3

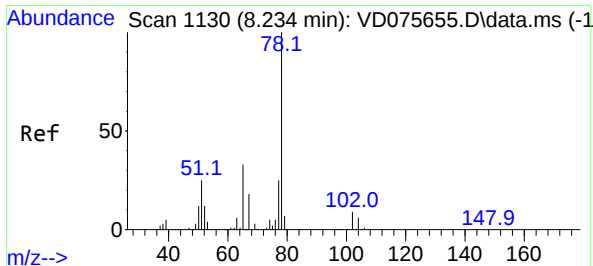


#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Tgt Ion: 56 Resp: 3735

Ion	Ratio	Lower	Upper
56	100		
69	137.1	25.5	38.3#
84	179.0	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 63.599 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075755.D

Acq: 19 Apr 2023 18:13

Instrument :

MSVOA_D

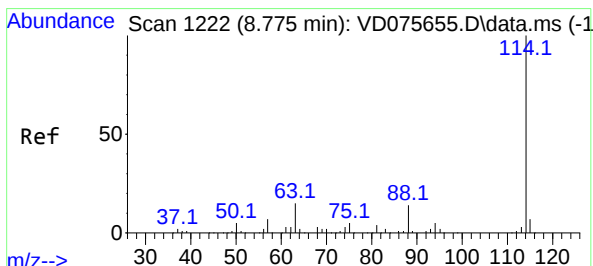
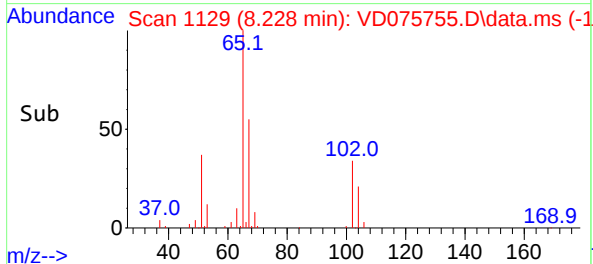
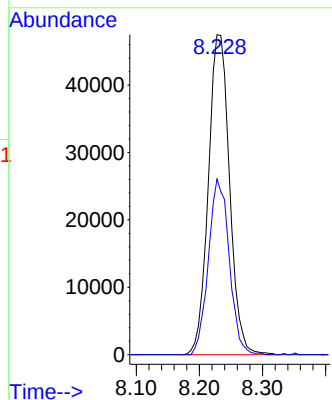
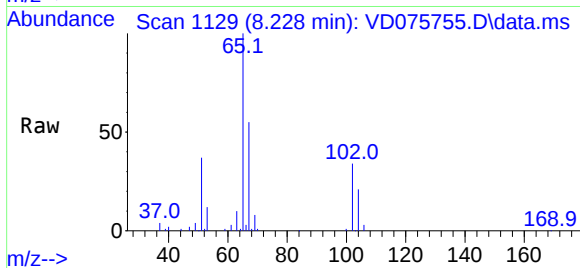
ClientSampleId :

Tgt Ion: 65 Resp: 110850

Ion Ratio Lower Upper

65 100

67 53.8 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: VD075755.D

Acq: 19 Apr 2023 18:13

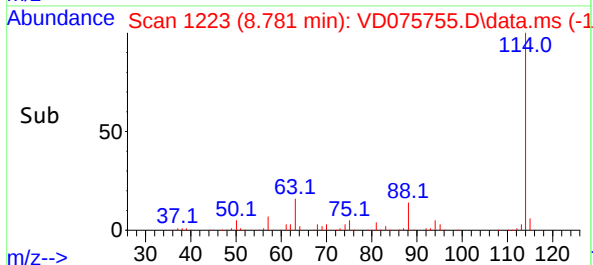
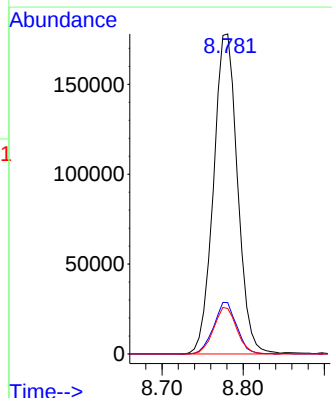
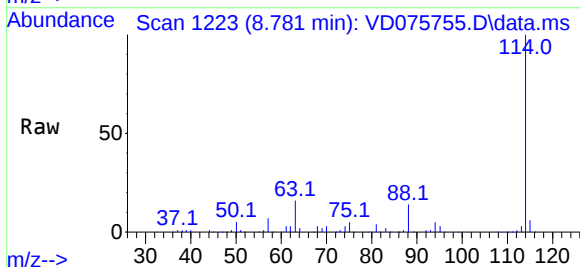
Tgt Ion: 114 Resp: 366349

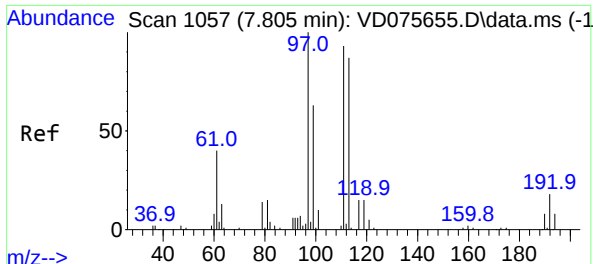
Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

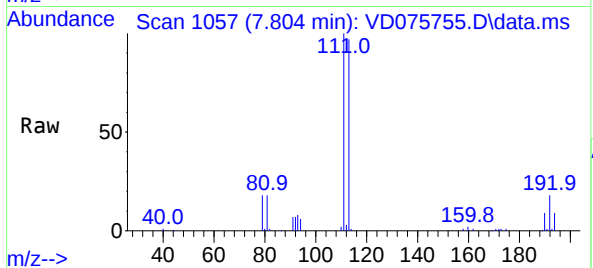
88 14.2 0.0 30.6



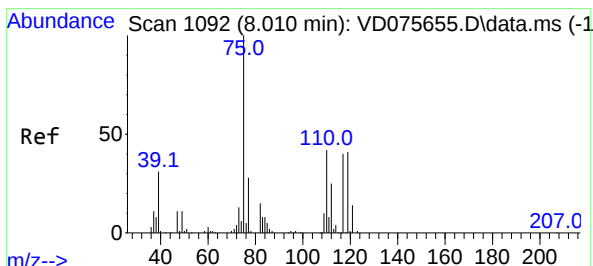
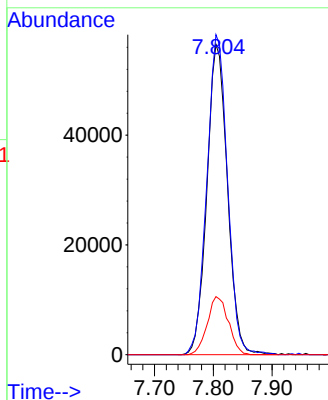
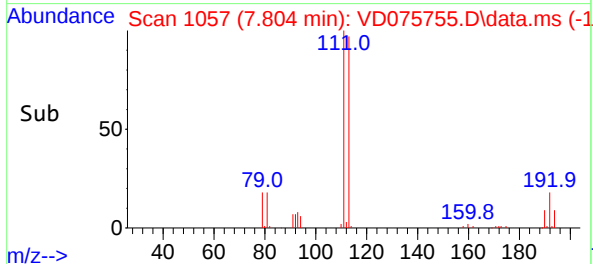


#35
Dibromofluoromethane
Concen: 55.683 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

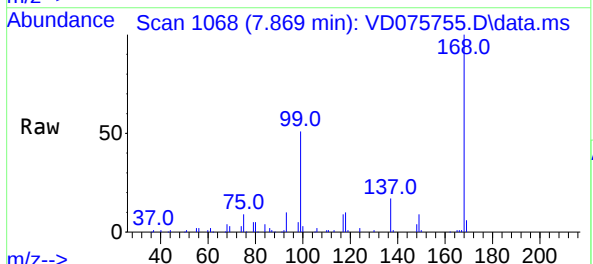
Instrument :
MSVOA_D
ClientSampleId :



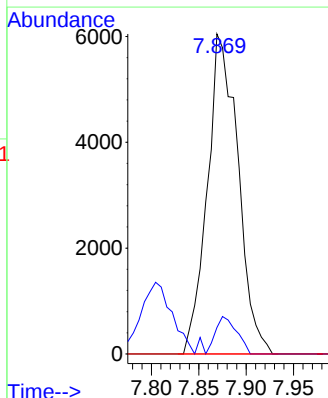
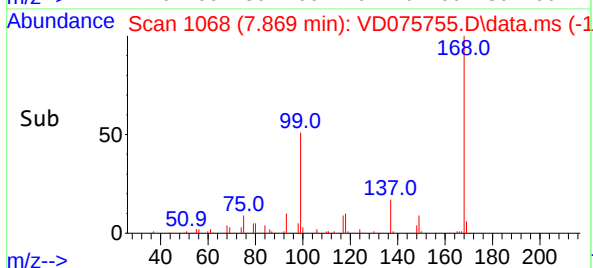
Tgt Ion:113 Resp: 137206
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 19.2 15.2 22.8

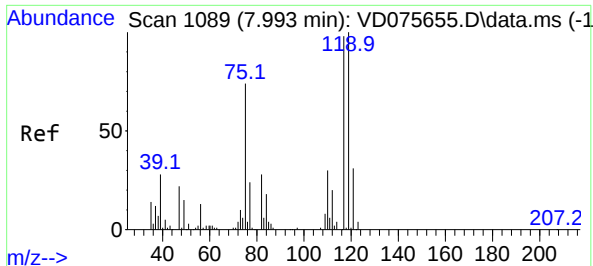


#36
1,1-Dichloropropene
Concen: 4.009 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13



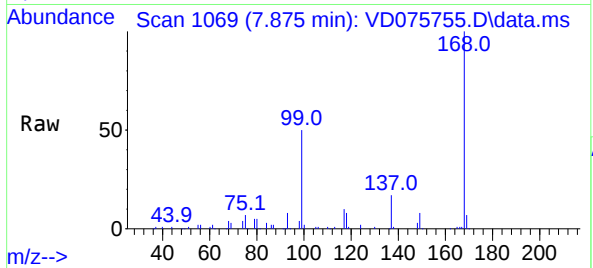
Tgt Ion: 75 Resp: 13629
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.6 36.8#



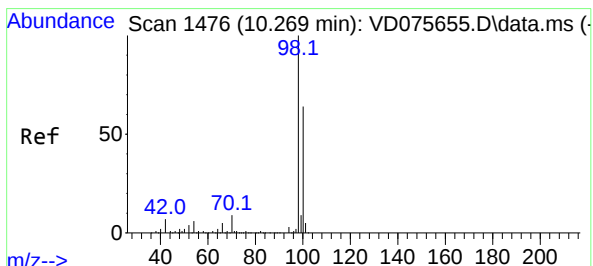
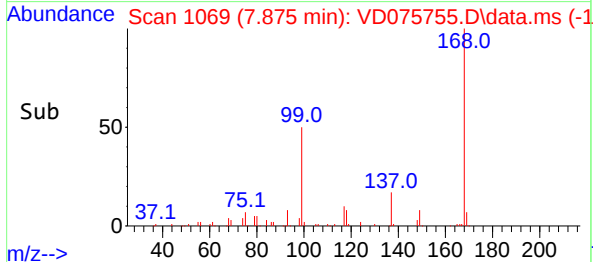
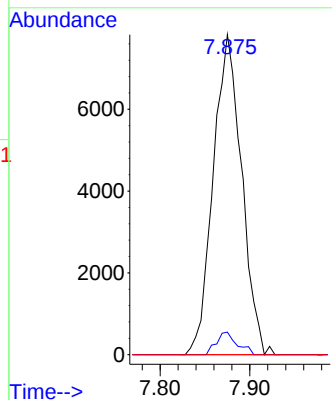


#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :

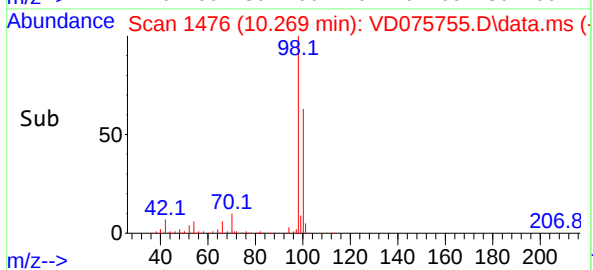
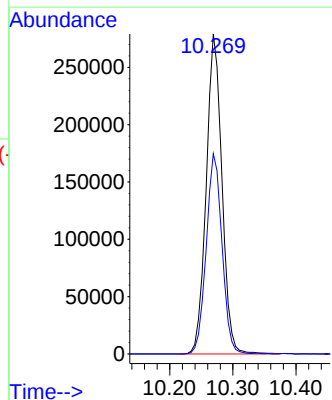
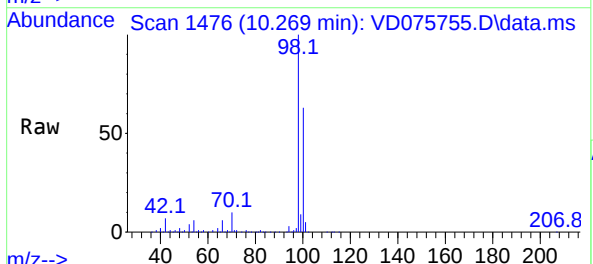


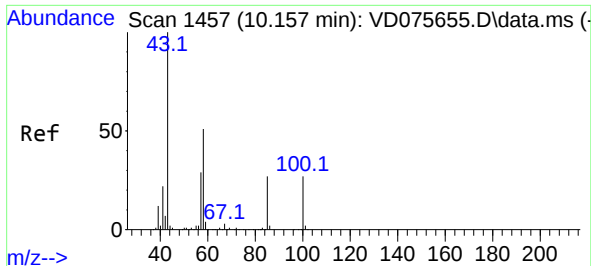
Tgt Ion:117 Resp: 17208
Ion Ratio Lower Upper
117 100
119 7.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 48.964 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

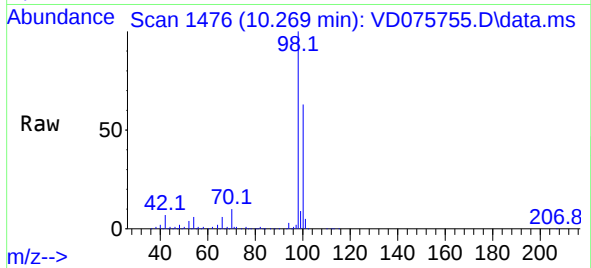
Tgt Ion: 98 Resp: 483150
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1



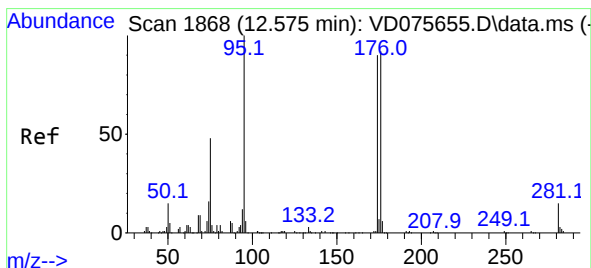
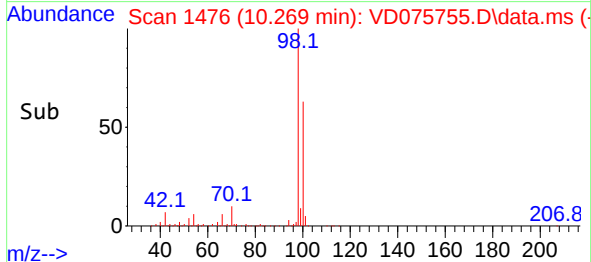
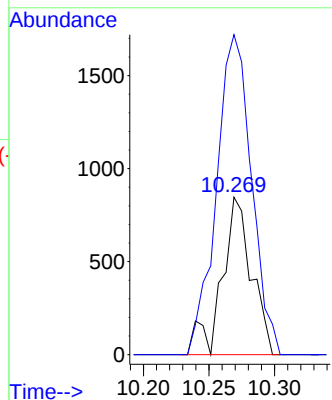


#51
4-Methyl-2-Pentanone
Concen: 1.326 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :

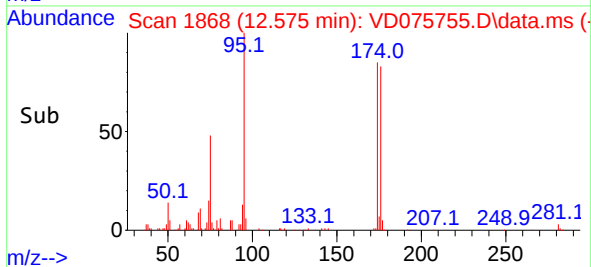
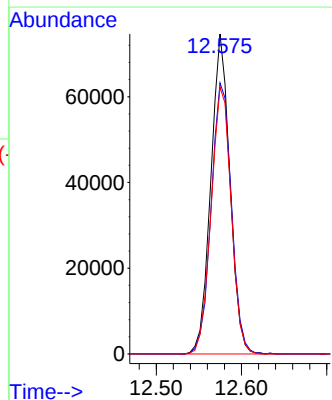
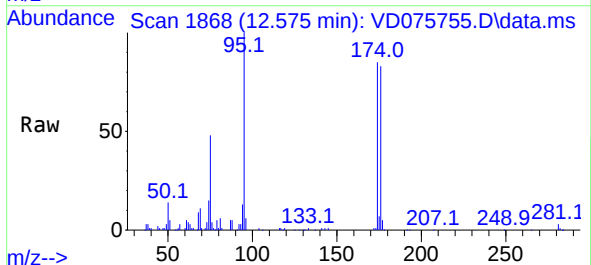


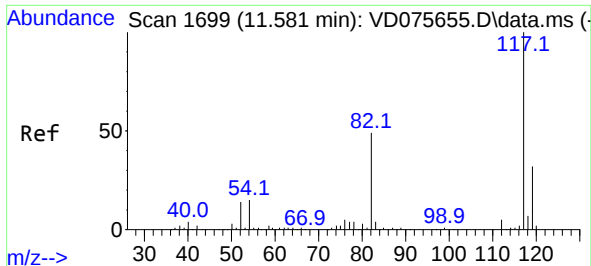
Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
58 239.9 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 44.137 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Tgt Ion: 95 Resp: 115762
Ion Ratio Lower Upper
95 100
174 90.0 0.0 164.0
176 87.5 0.0 156.8

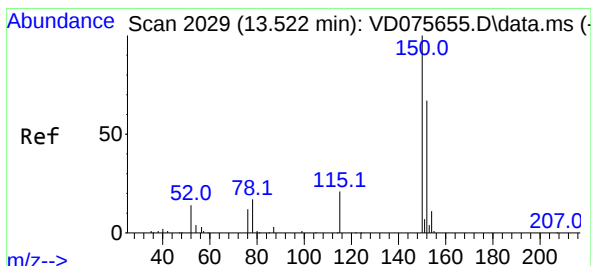
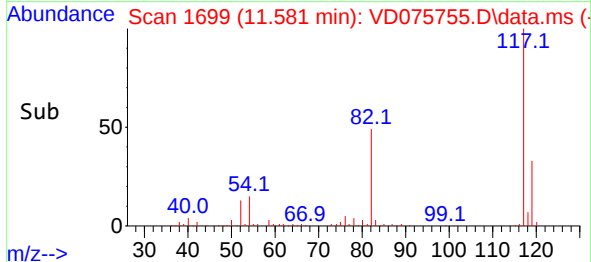
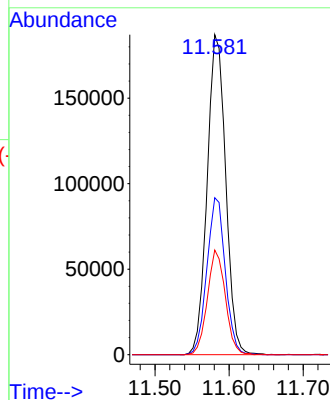
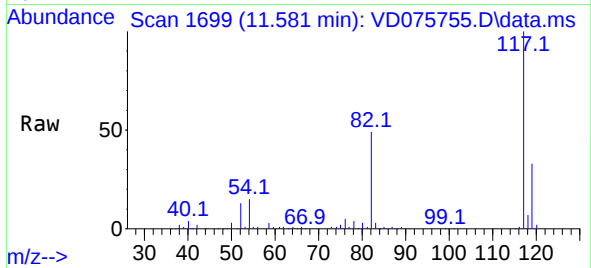




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

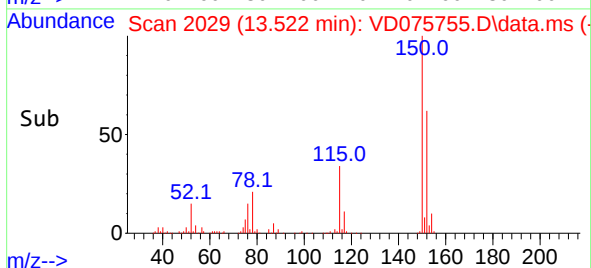
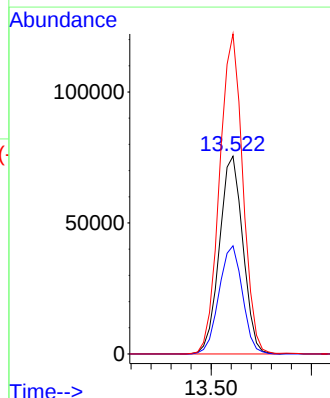
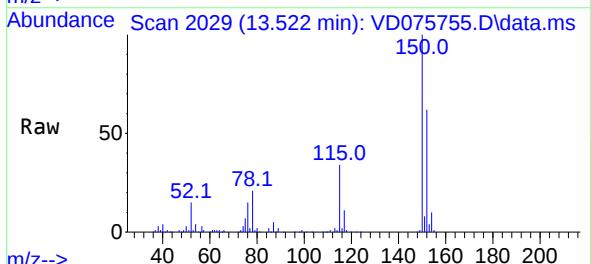
Instrument :
MSVOA_D
ClientSampleId :

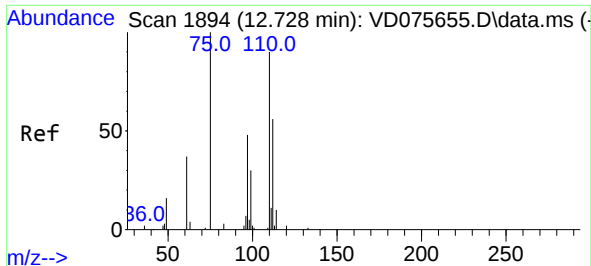
Tgt Ion:117 Resp: 325218
Ion Ratio Lower Upper
117 100
82 49.1 44.0 66.0
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Tgt Ion:152 Resp: 122799
Ion Ratio Lower Upper
152 100
115 54.7 30.1 90.3
150 159.7 0.0 364.8

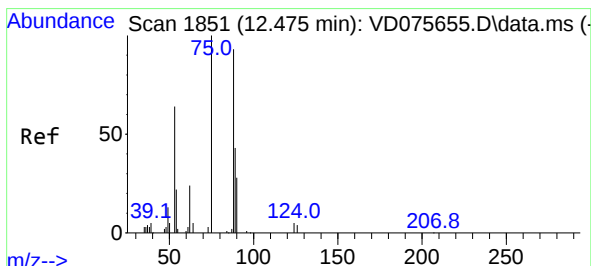
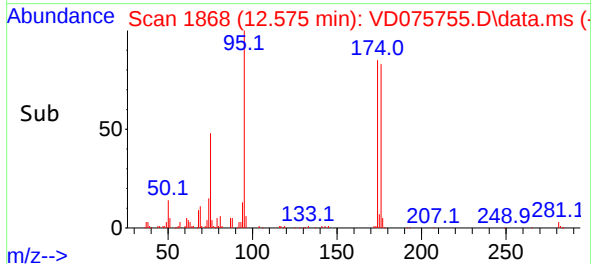
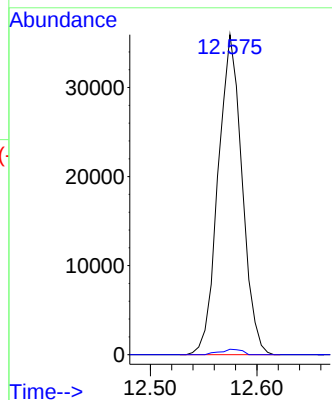
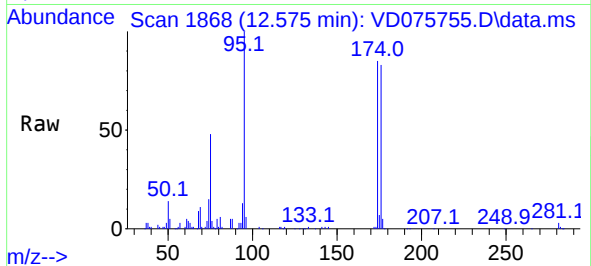




#76
1,2,3-Trichloropropane
Concen: 55.945 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 56024
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.255 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075755.D
Acq: 19 Apr 2023 18:13

Tgt Ion: 75 Resp: 56024
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

