

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075710.D
 Acq On : 17 Apr 2023 19:35
 Operator : KP/SY
 Sample : 02270-12
 Misc : 2.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-27-10-12-20230411

Quant Time: Apr 18 01:19:29 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)

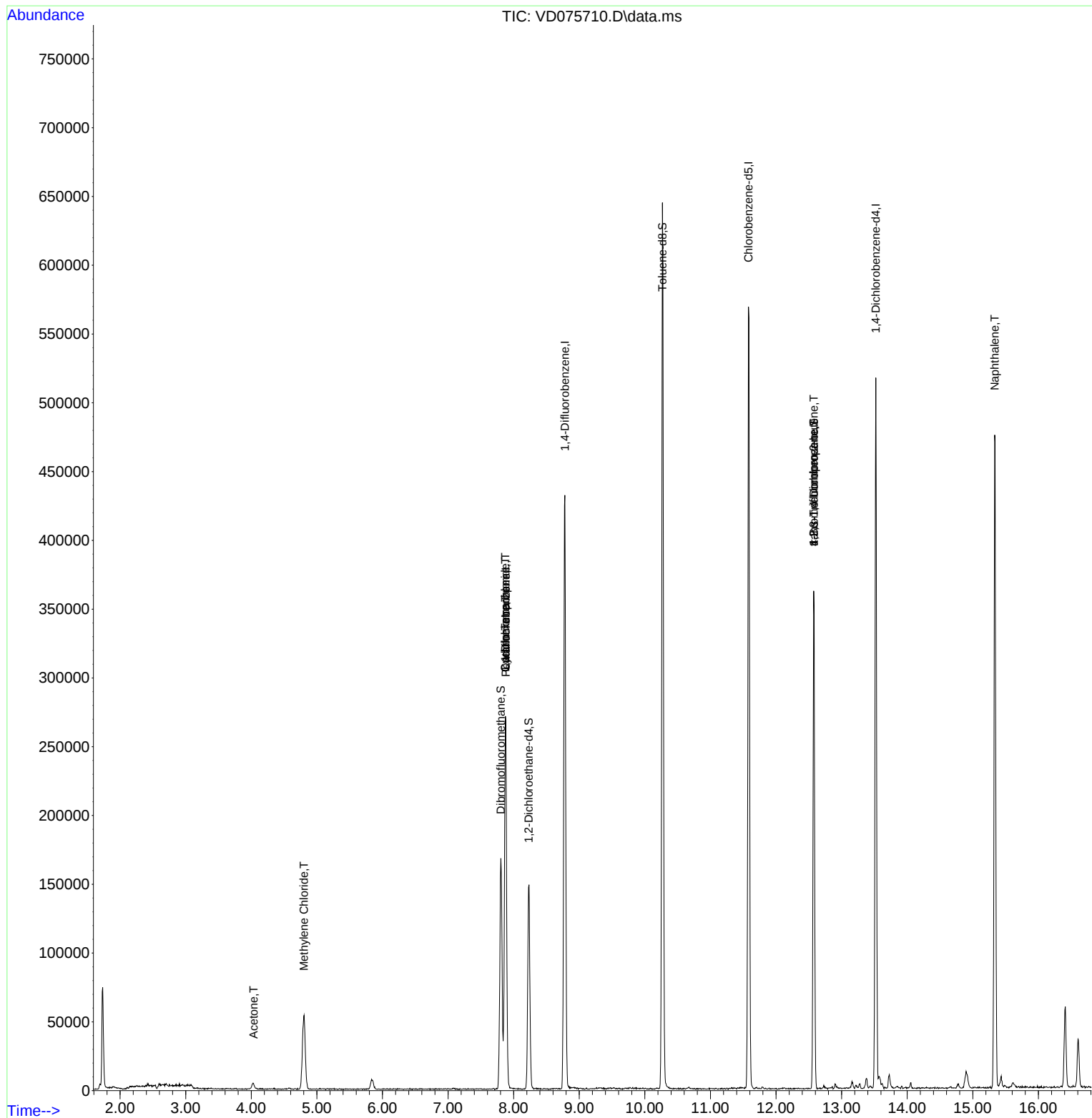
Internal Standards						
1) Pentafluorobenzene	7.881	168	223173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	422513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	368837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	145653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115069	54.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.640%	
35) Dibromofluoromethane	7.804	113	127528	44.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.760%	
50) Toluene-d8	10.269	98	475464	41.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.560%	
62) 4-Bromofluorobenzene	12.575	95	114646	37.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	7290	18.785	ug/l	92
20) Methylene Chloride	4.805	84	48874	12.854	ug/l #	59
31) Cyclohexane	7.875	56	4127	1.242	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	16953	4.324	ug/l #	46
38) Carbon Tetrachloride	7.875	117	20886	6.050	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	55977	47.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55977	102.144	ug/l #	5
95) Naphthalene	15.333	128	427582	88.334	ug/l	99

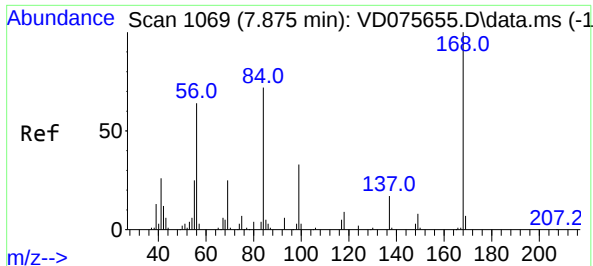
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
Data File : VD075710.D
Acq On : 17 Apr 2023 19:35
Operator : KP/SY
Sample : 02270-12
Misc : 2.73G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-27-10-12-20230411

Quant Time: Apr 18 01:19:29 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

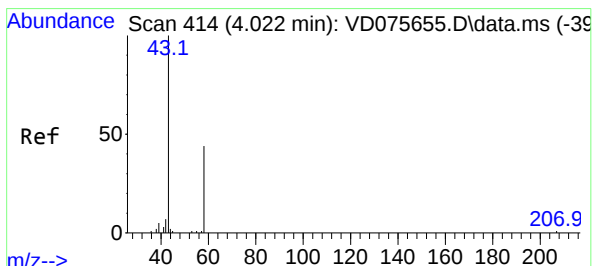
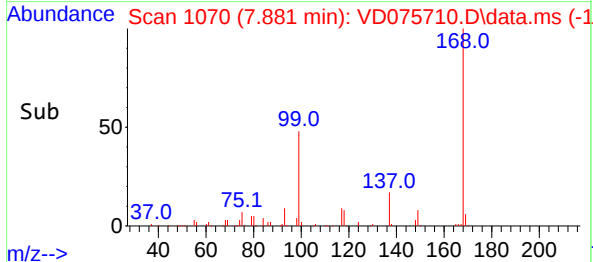
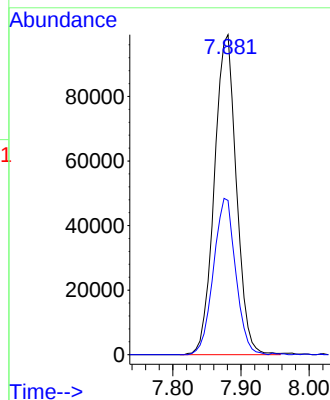
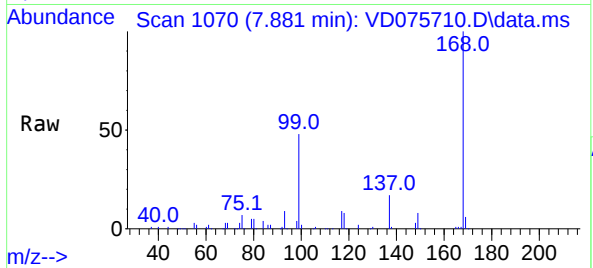




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

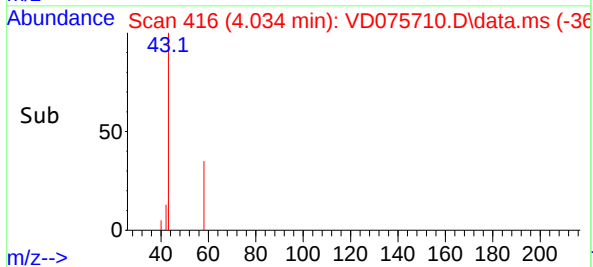
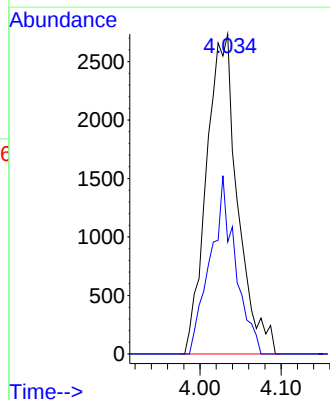
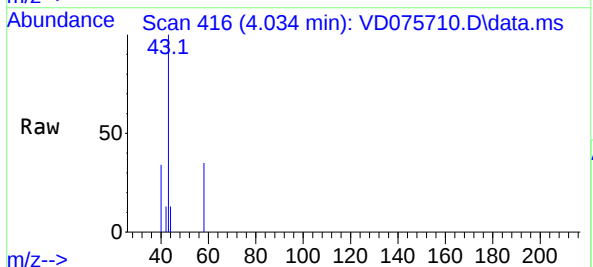
Instrument :
MSVOA_D
ClientSampleId :
SB-27-10-12-20230411

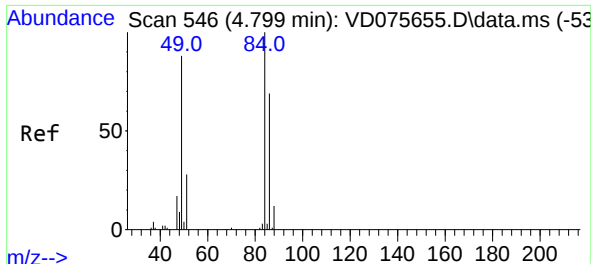
Tgt Ion:168 Resp: 223173
Ion Ratio Lower Upper
168 100
99 48.2 43.8 65.6



#16
Acetone
Concen: 18.785 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

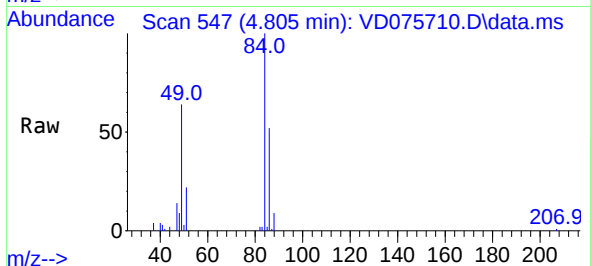
Tgt Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
58 35.0 24.4 36.6





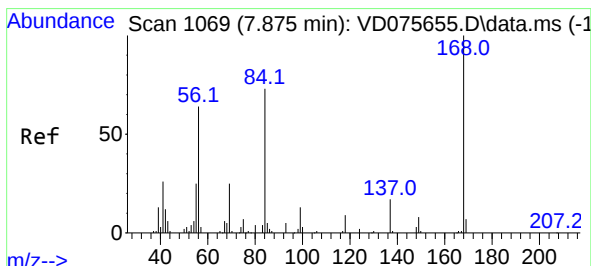
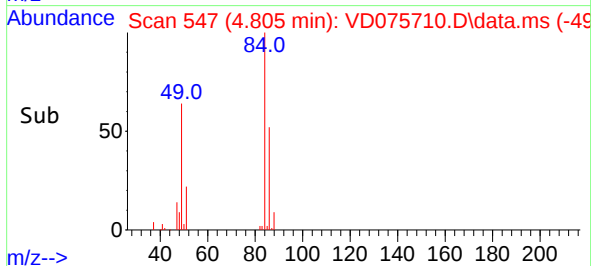
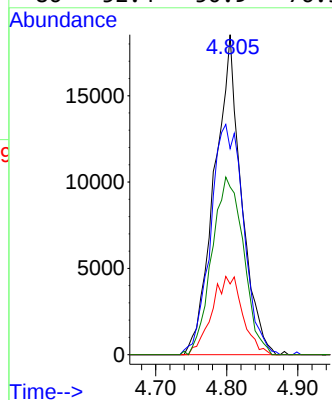
#20
Methylene Chloride
Concen: 12.854 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-27-10-12-20230411



Tgt Ion: 84 Resp: 48874

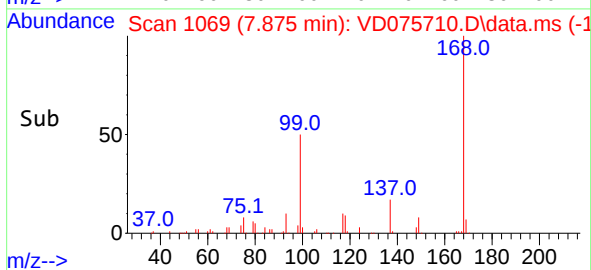
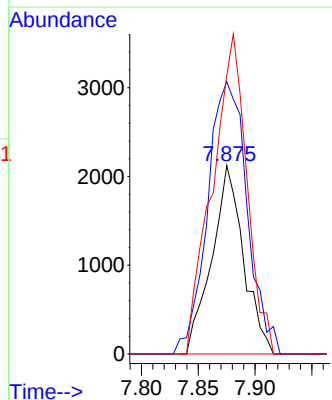
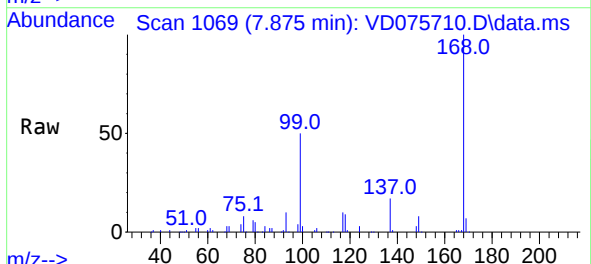
Ion	Ratio	Lower	Upper
84	100		
49	64.4	106.4	159.6#
51	22.1	32.4	48.6#
86	52.4	50.9	76.3

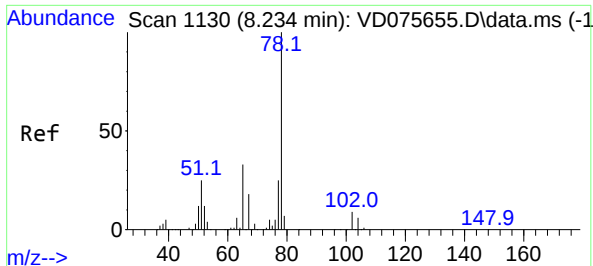


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Tgt Ion: 56 Resp: 4127

Ion	Ratio	Lower	Upper
56	100		
69	144.6	25.5	38.3#
84	147.9	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 54.320 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075710.D

Acq: 17 Apr 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

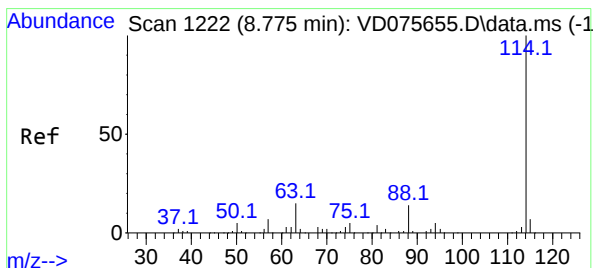
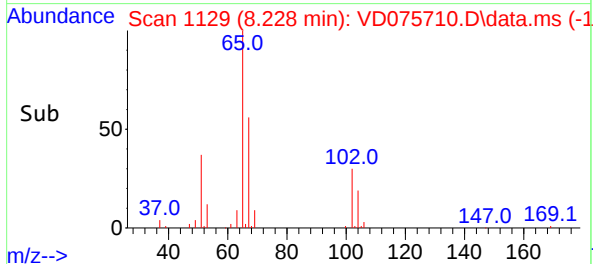
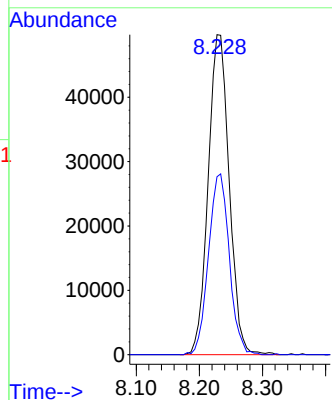
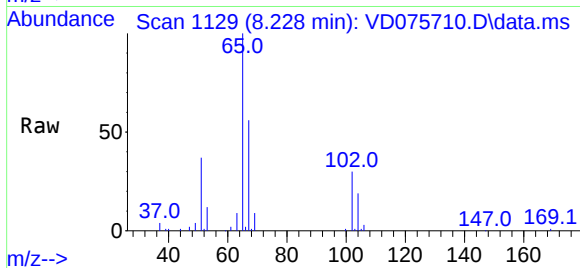
SB-27-10-12-20230411

Tgt Ion: 65 Resp: 115069

Ion Ratio Lower Upper

65 100

67 55.9 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: VD075710.D

Acq: 17 Apr 2023 19:35

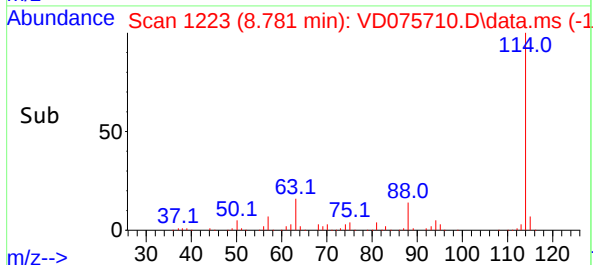
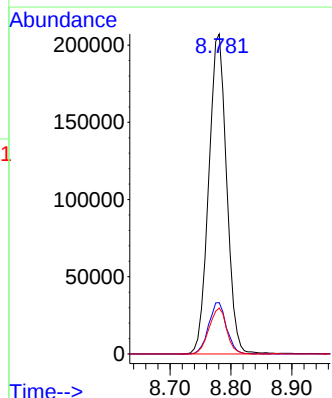
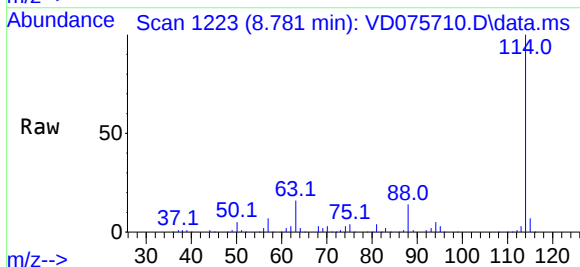
Tgt Ion: 114 Resp: 422513

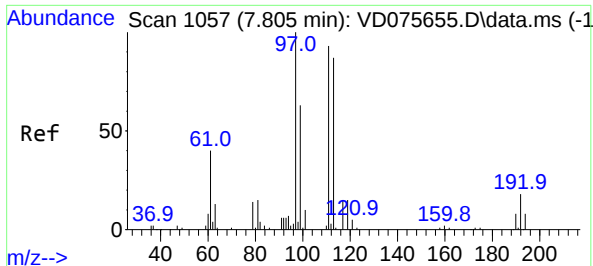
Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

88 14.3 0.0 30.6

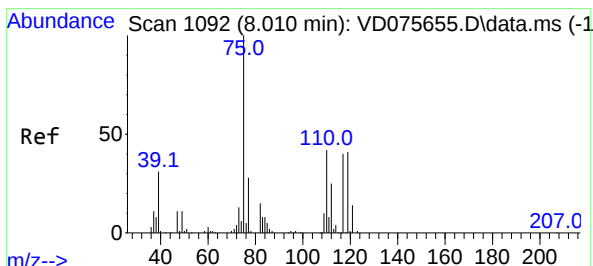
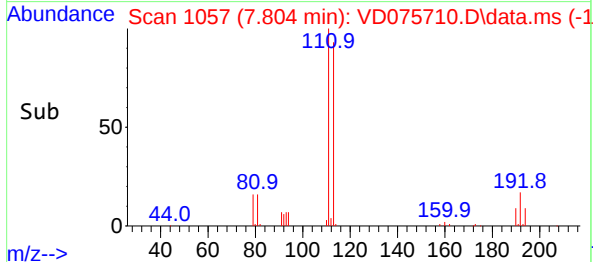
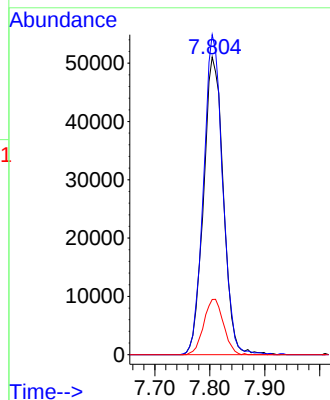
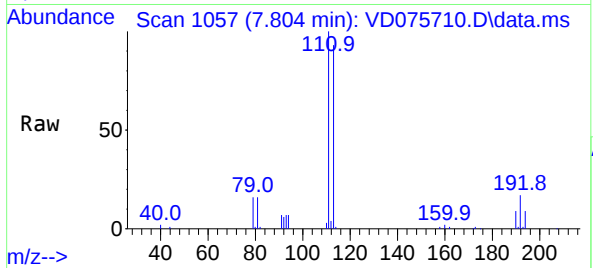




#35
Dibromofluoromethane
Concen: 44.875 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

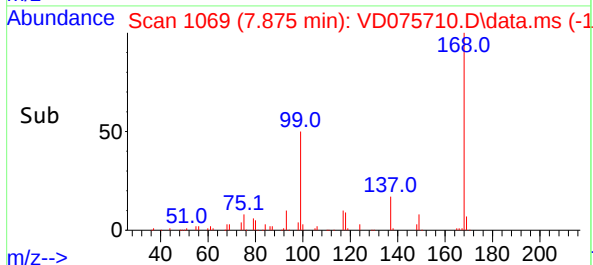
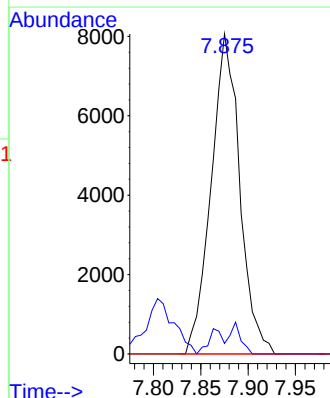
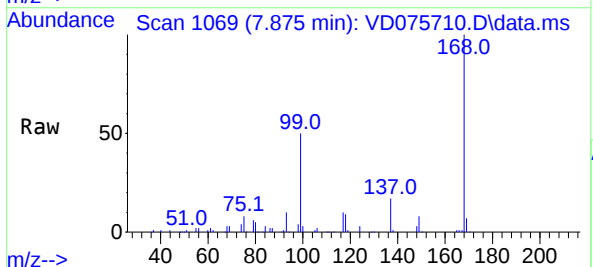
Instrument : MSVOA_D
ClientSampleId : SB-27-10-12-20230411

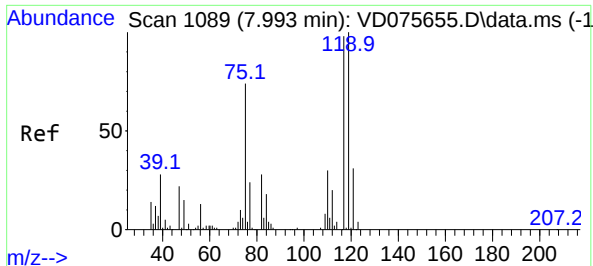
Tgt Ion:	113	Resp:	127528
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.4	122.0
192	18.6	15.2	22.8



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Tgt Ion:	75	Resp:	16953
Ion	Ratio	Lower	Upper
75	100		
110	3.7	17.1	51.2#
77	0.0	24.6	36.8#

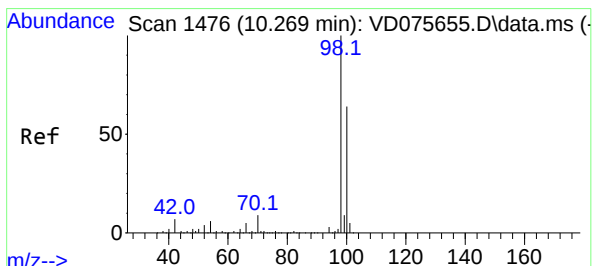
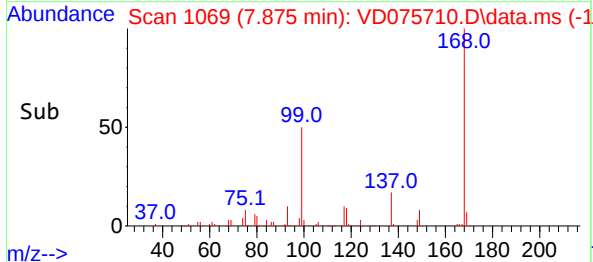
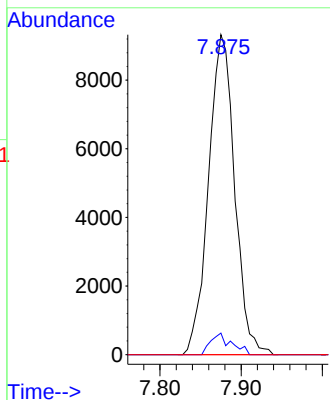
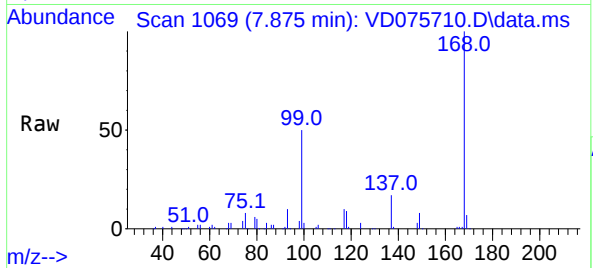




#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

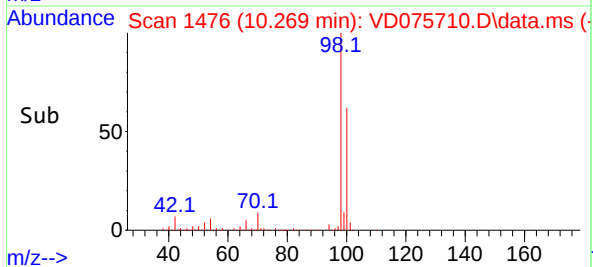
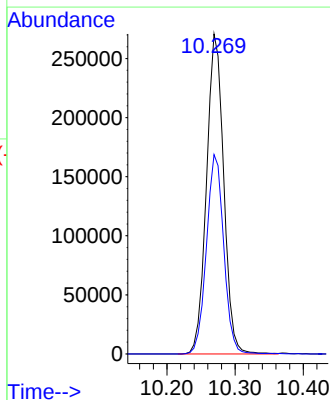
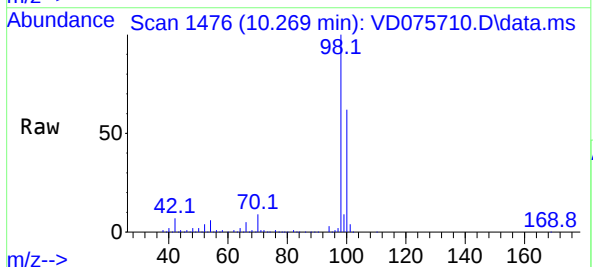
Instrument :
MSVOA_D
ClientSampleId :
SB-27-10-12-20230411

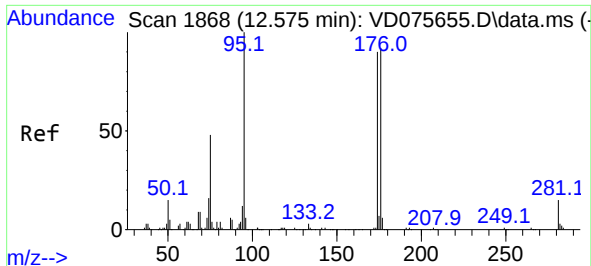
Tgt Ion:117 Resp: 20886
Ion Ratio Lower Upper
117 100
119 6.7 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 41.780 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

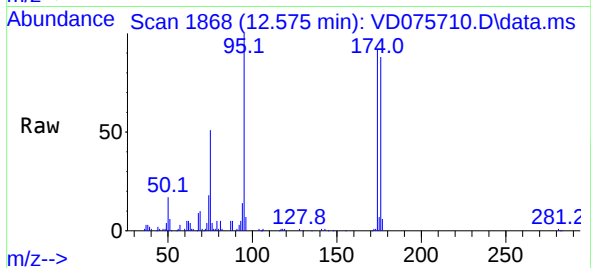
Tgt Ion: 98 Resp: 475464
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1



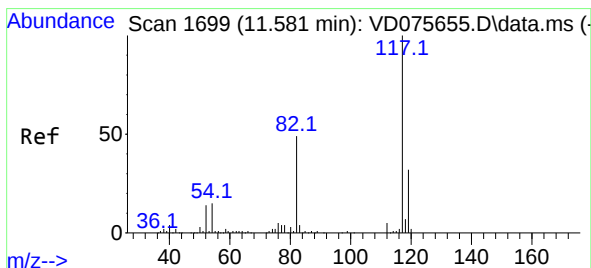
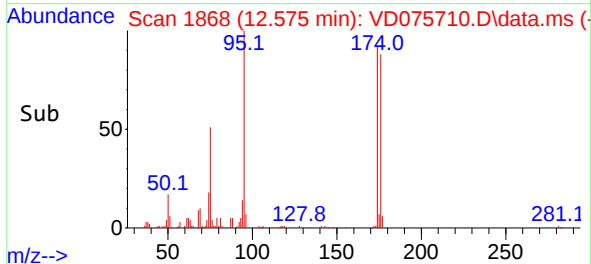
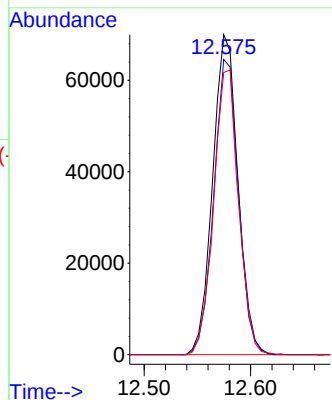


#62
4-Bromofluorobenzene
Concen: 37.901 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-27-10-12-20230411

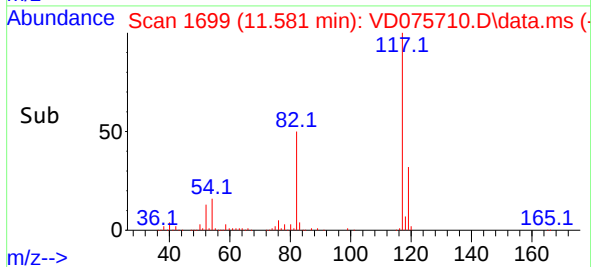
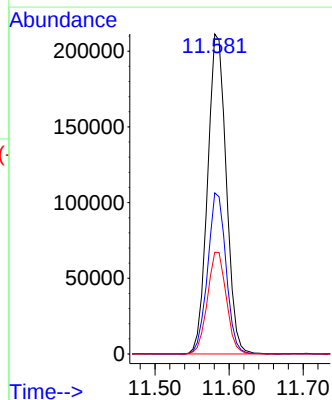
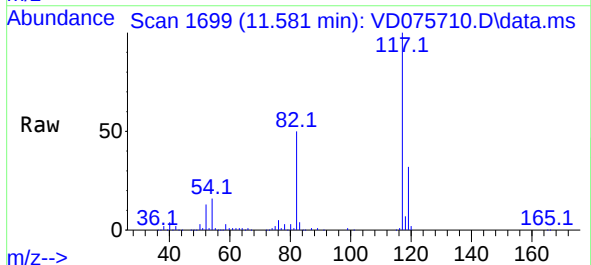


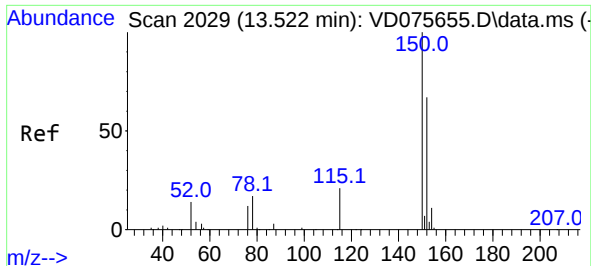
Tgt Ion: 95 Resp: 114646
Ion Ratio Lower Upper
95 100
174 91.5 0.0 164.0
176 87.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

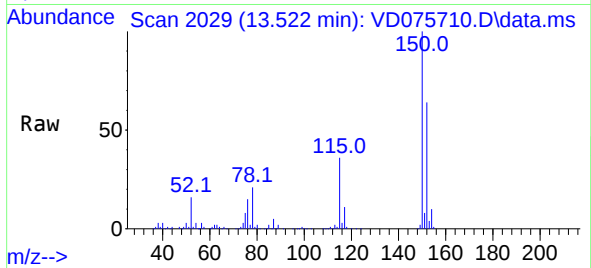
Tgt Ion: 117 Resp: 368837
Ion Ratio Lower Upper
117 100
82 50.3 44.0 66.0
119 31.8 25.1 37.7



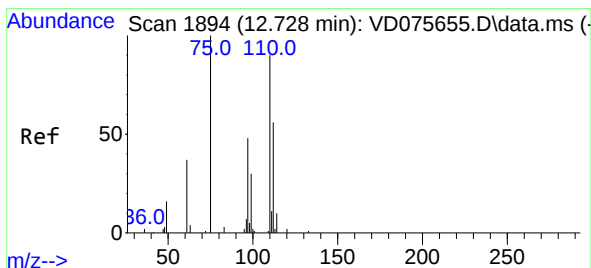
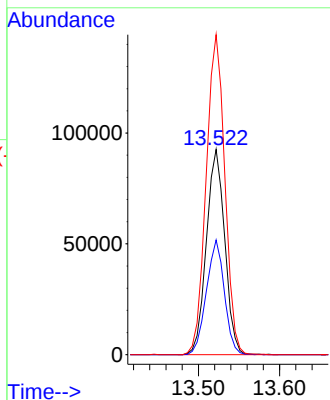
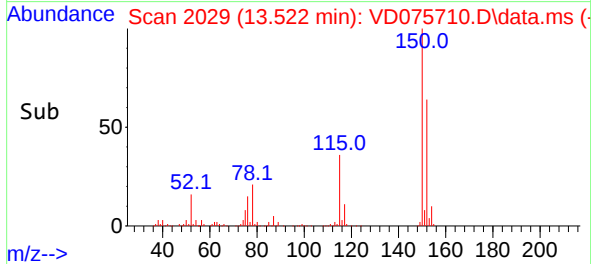


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-27-10-12-20230411

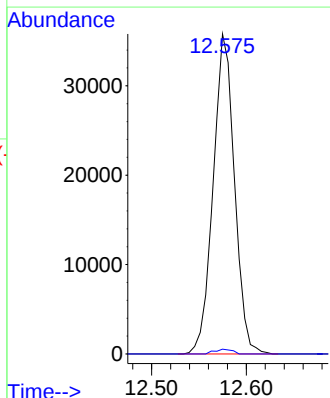
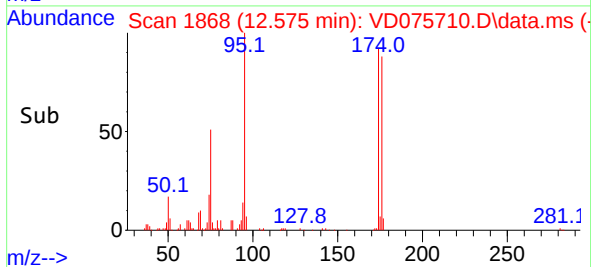
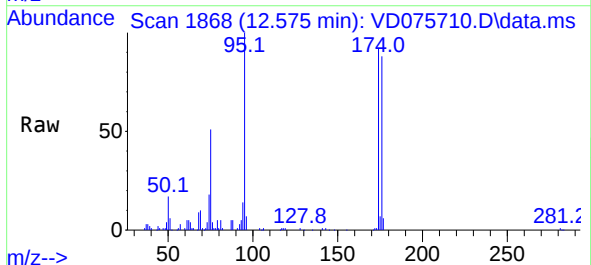


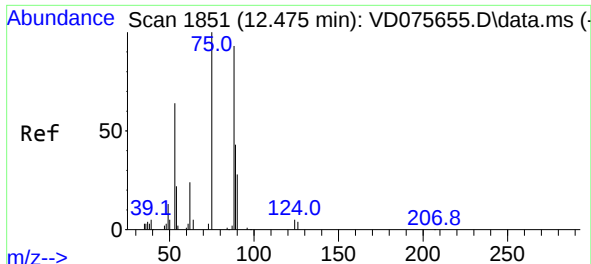
Tgt Ion:152 Resp: 145653
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 158.4 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 47.127 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Tgt Ion: 75 Resp: 55977
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

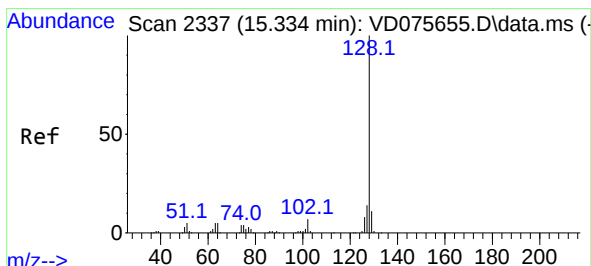
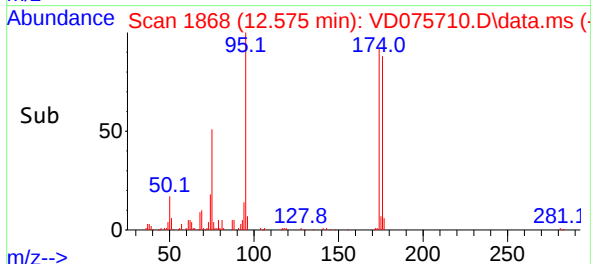
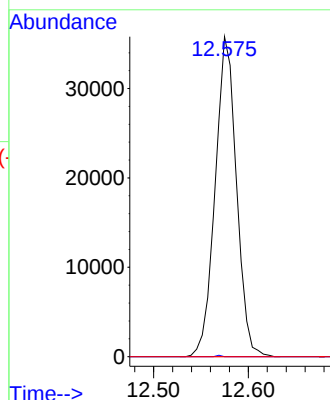
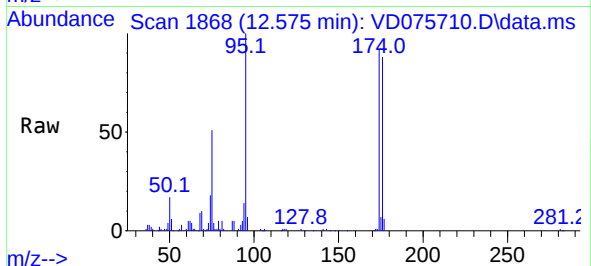




#81
trans-1,4-Dichloro-2-butene
Concen: 102.144 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Instrument : MSVOA_D
ClientSampleId : SB-27-10-12-20230411

Tgt Ion: 75 Resp: 55977
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#



#95
Naphthalene
Concen: 88.334 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD075710.D
Acq: 17 Apr 2023 19:35

Tgt Ion:128 Resp: 427582
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.4 8.8 13.2

