

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075745.D
 Acq On : 19 Apr 2023 13:23
 Operator : KP/SY
 Sample : 02370-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:00:21 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	3804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	7947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	10004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3830	106.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 212.140%#	
35) Dibromofluoromethane	7.810	113	3470	64.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.840%	
50) Toluene-d8	10.275	98	8789	41.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.120%	
62) 4-Bromofluorobenzene	12.575	95	2961	52.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.080%	

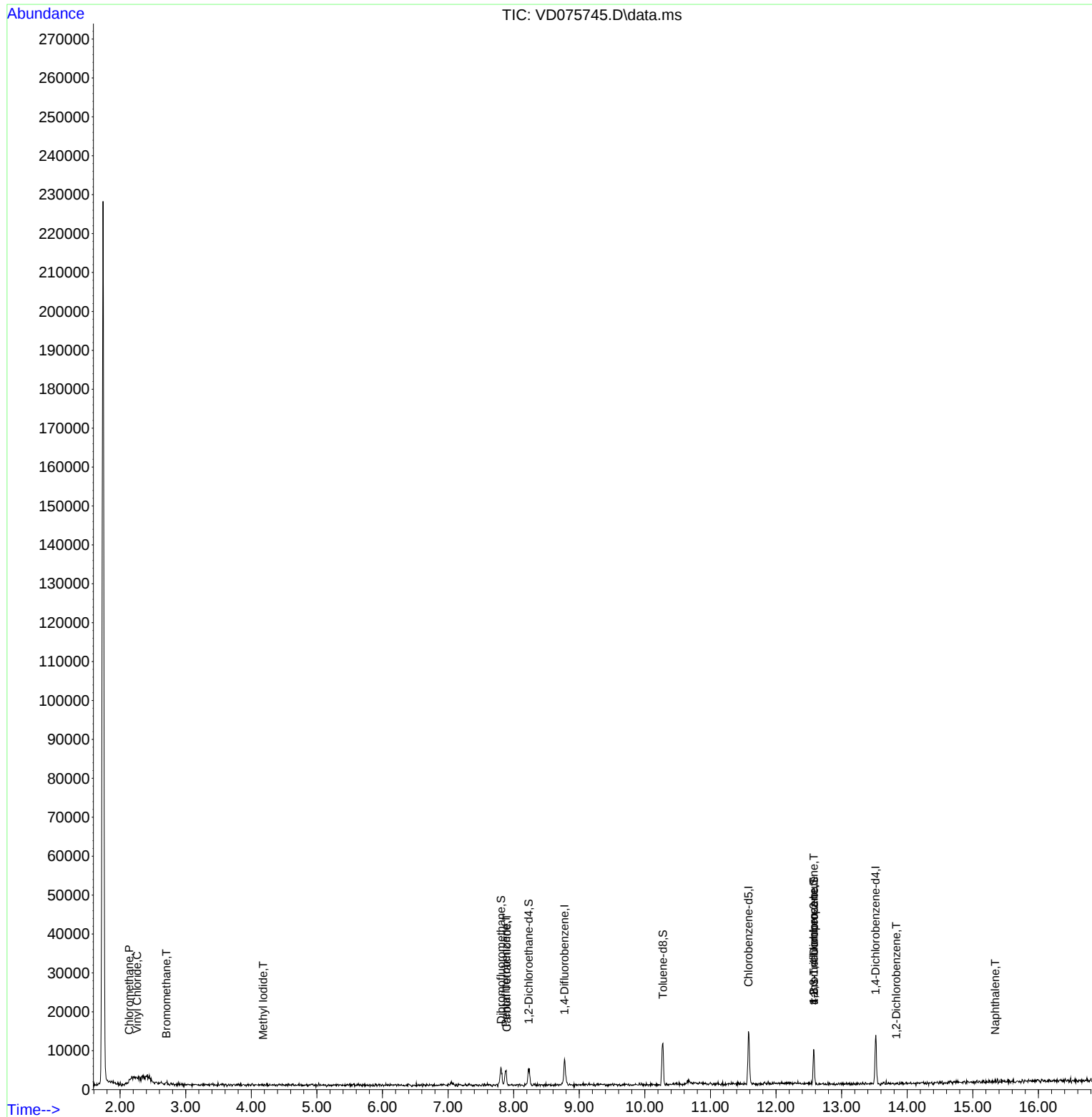
Target Compounds			Qvalue			
3) Chloromethane	2.140	50	391	6.126	ug/l #	40
4) Vinyl Chloride	2.258	62	109	1.287	ug/l #	43
5) Bromomethane	2.705	94	437	6.609	ug/l	93
10) Methyl Iodide	4.181	142	83	1.474	ug/l #	38
38) Carbon Tetrachloride	7.893	117	118	1.817	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	1542	44.118	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	1542	95.621	ug/l #	5
91) 1,2-Dichlorobenzene	13.833	146	141	1.091	ug/l #	24
95) Naphthalene	15.339	128	304	2.134	ug/l #	69

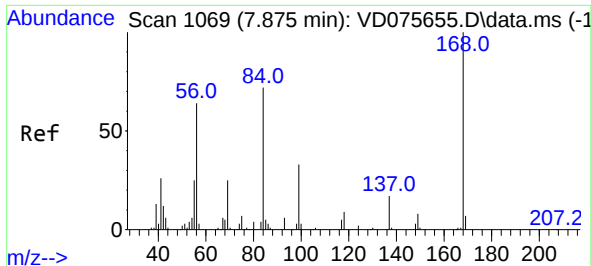
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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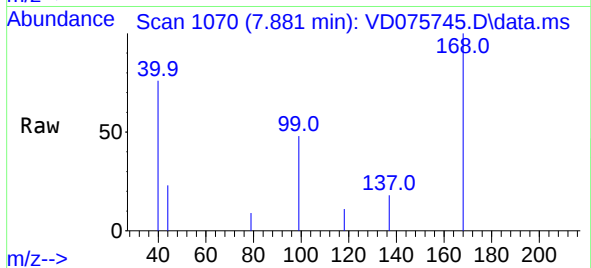
Quant Time: Apr 20 06:00:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
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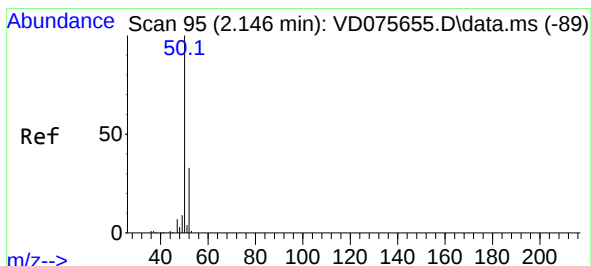
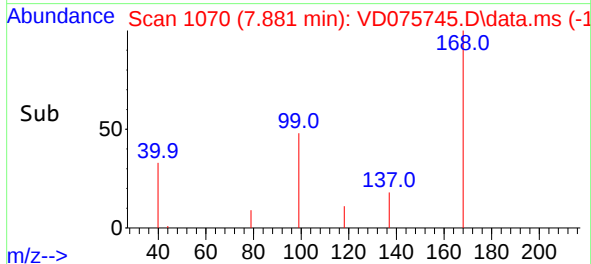
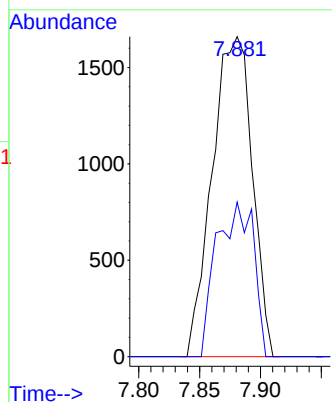


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

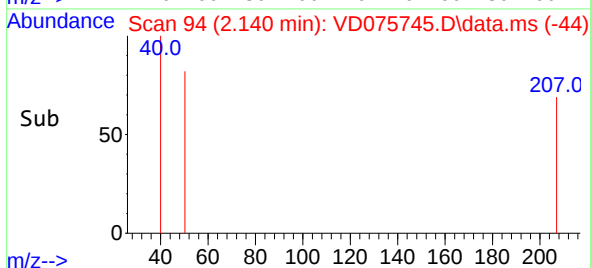
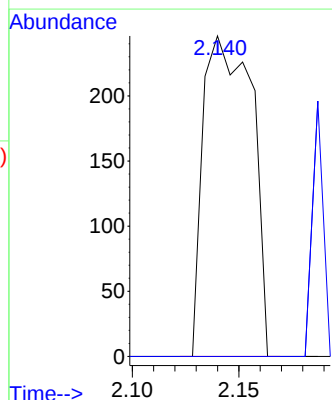
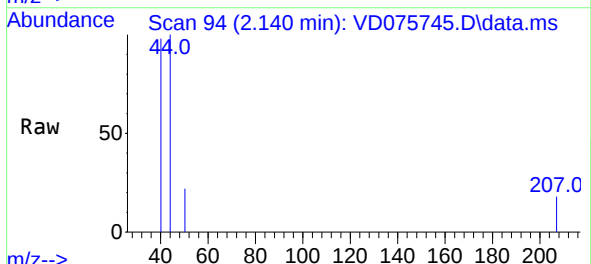


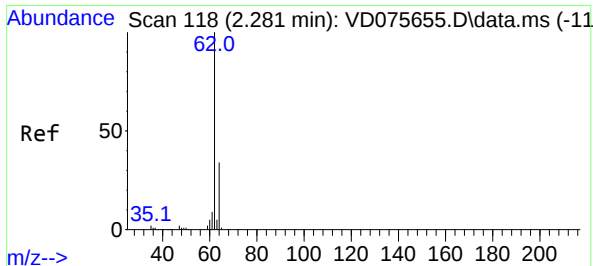
Tgt Ion:168 Resp: 3804
Ion Ratio Lower Upper
168 100
99 48.3 43.8 65.6



#3
Chloromethane
Concen: 6.126 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

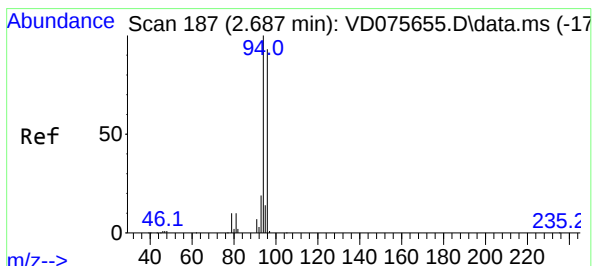
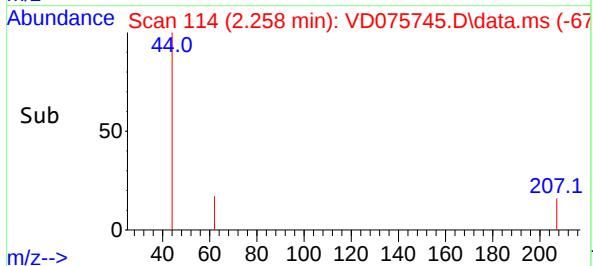
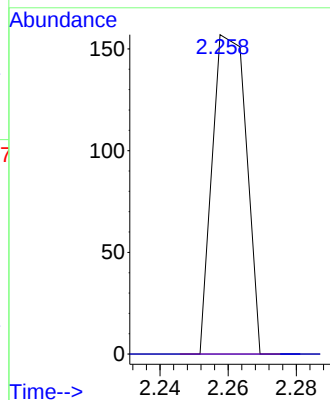
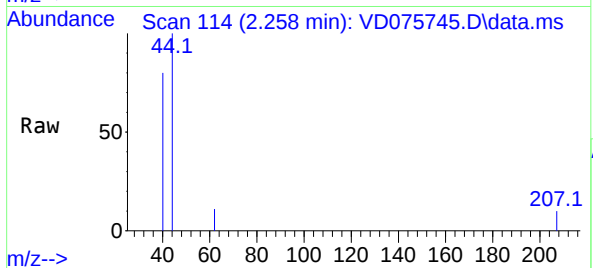




#4
 Vinyl Chloride
 Concen: 1.287 ug/l
 RT: 2.258 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: VD075745.D
 Acq: 19 Apr 2023 13:23

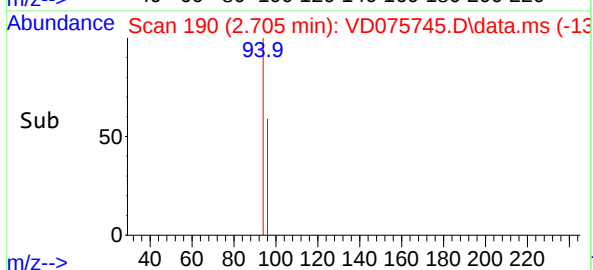
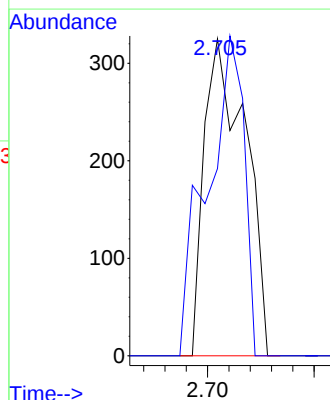
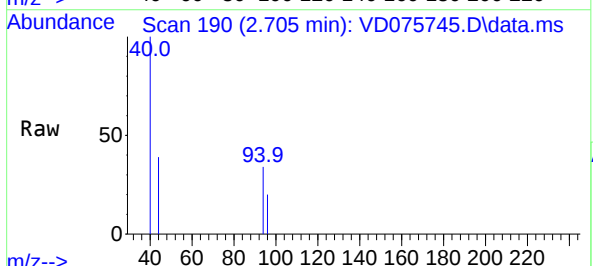
Instrument :
 MSVOA_D
 ClientSampleId :

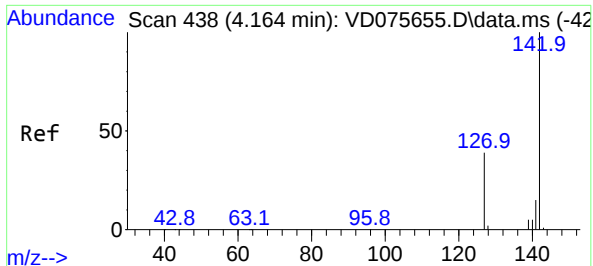
Tgt Ion: 62 Resp: 109
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 6.609 ug/l
 RT: 2.705 min Scan# 190
 Delta R.T. 0.018 min
 Lab File: VD075745.D
 Acq: 19 Apr 2023 13:23

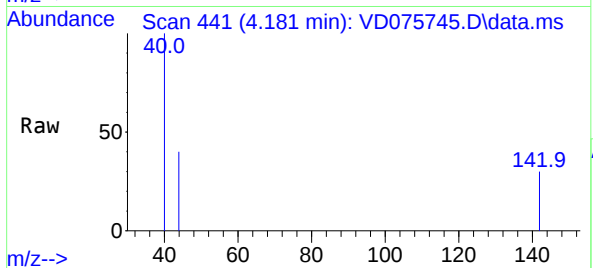
Tgt Ion: 94 Resp: 437
 Ion Ratio Lower Upper
 94 100
 96 89.9 77.5 116.3



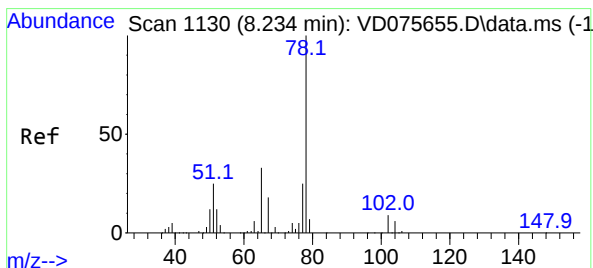
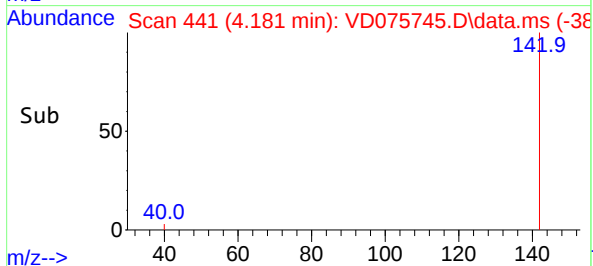
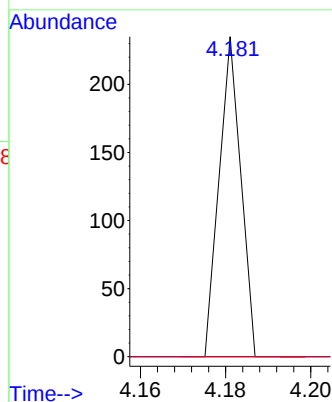


#10
Methyl Iodide
Concen: 1.474 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.017 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

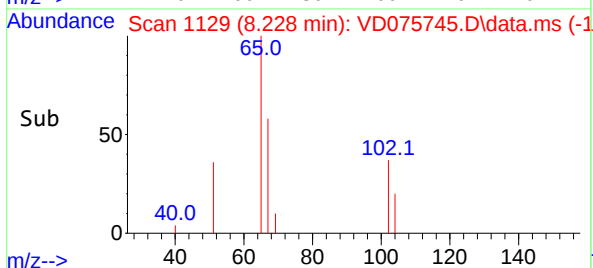
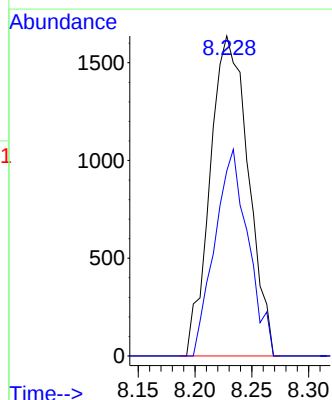
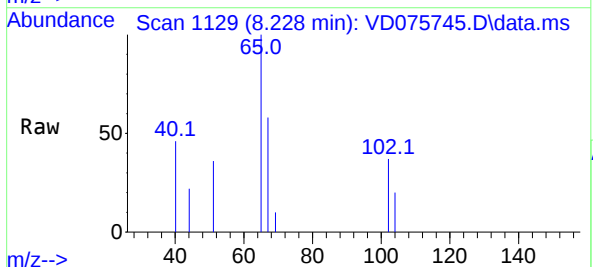


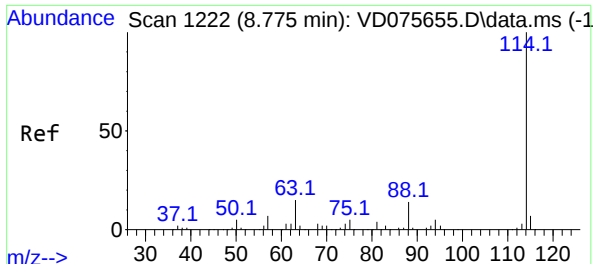
Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 37.1 55.7#
141 0.0 11.3 16.9#



#33
1,2-Dichloroethane-d4
Concen: 106.073 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Tgt Ion: 65 Resp: 3830
Ion Ratio Lower Upper
65 100
67 56.4 0.0 102.2



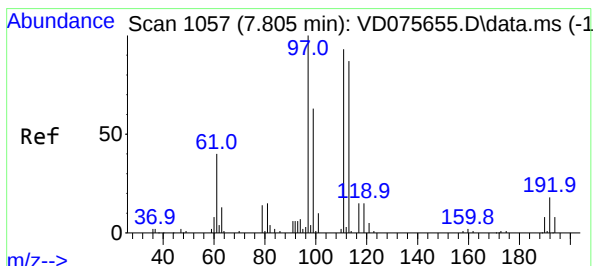
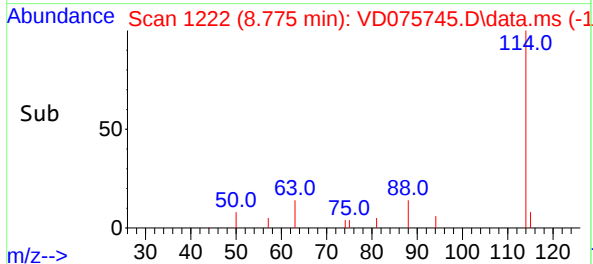
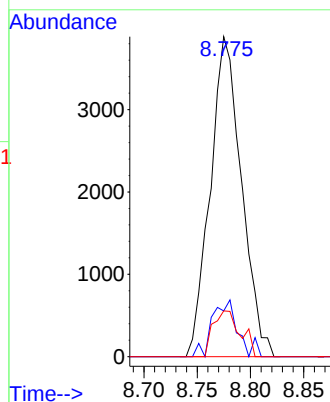
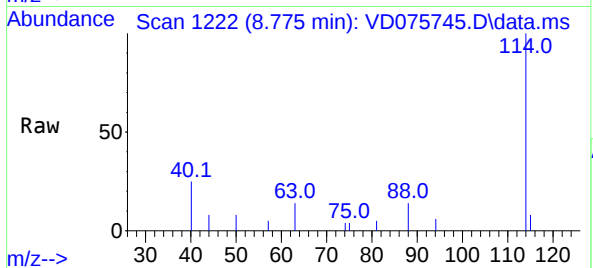


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 7947

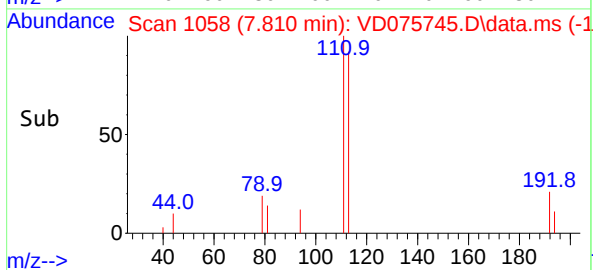
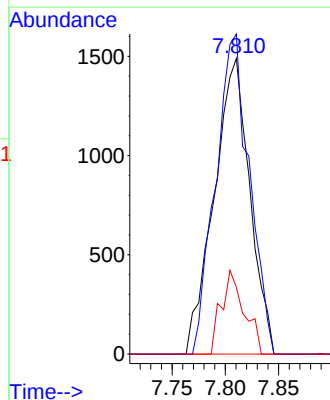
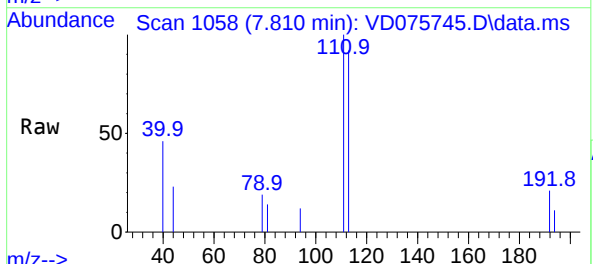
Ion	Ratio	Lower	Upper
114	100		
63	14.3	0.0	41.6
88	14.3	0.0	30.6

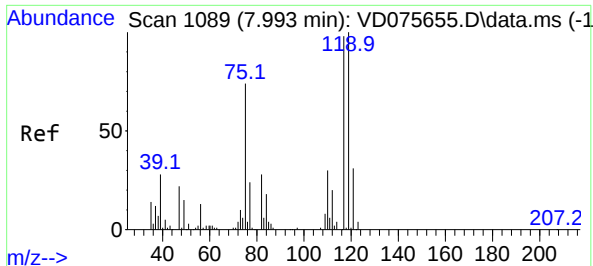


#35
Dibromofluoromethane
Concen: 64.919 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Tgt Ion:113 Resp: 3470

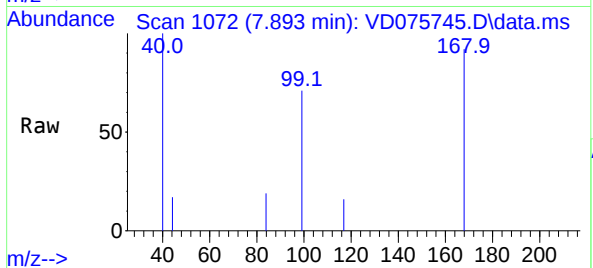
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	18.2	15.2	22.8



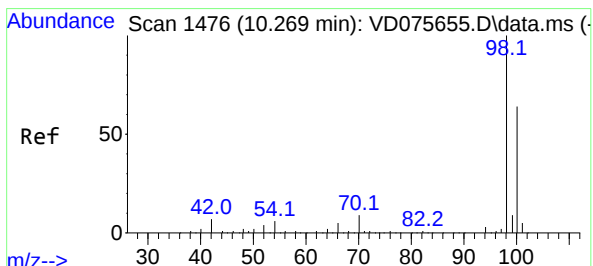
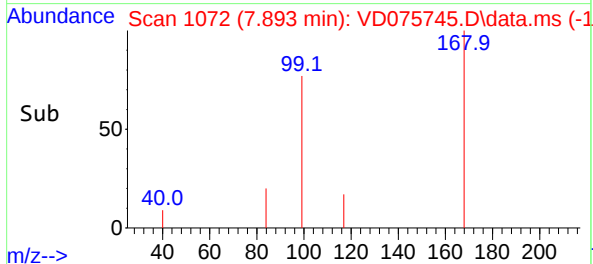
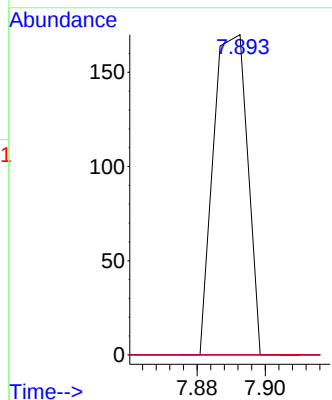


#38
Carbon Tetrachloride
Concen: 1.817 ug/l
RT: 7.893 min Scan# 1089
Delta R.T. -0.100 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

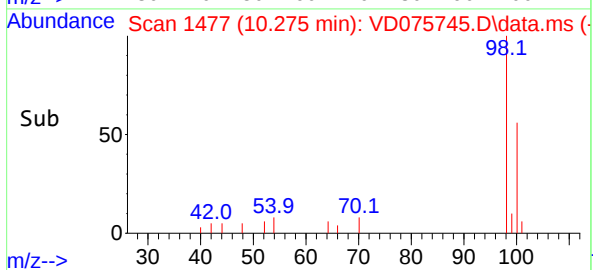
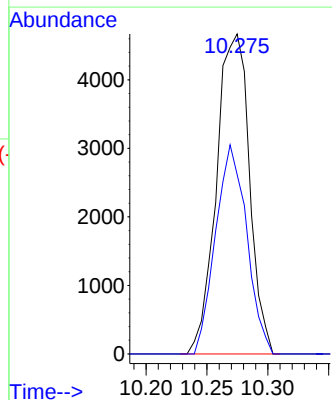
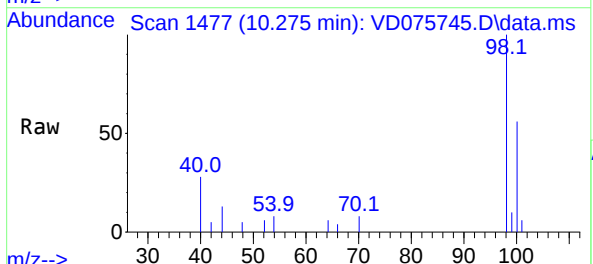


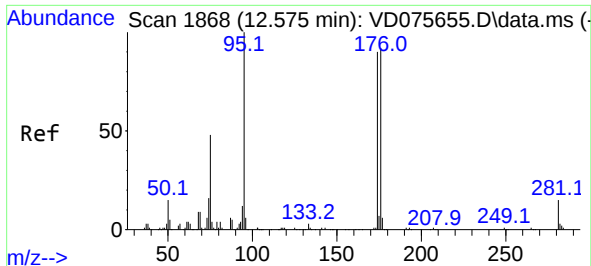
Tgt Ion:117 Resp: 118
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 41.060 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

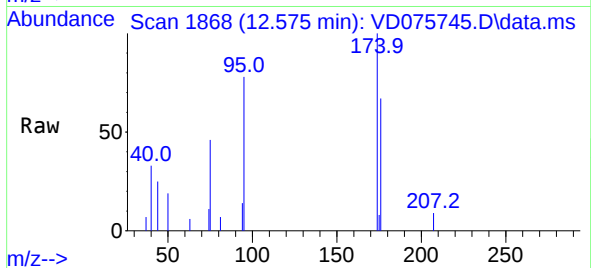
Tgt Ion: 98 Resp: 8789
Ion Ratio Lower Upper
98 100
100 61.8 52.1 78.1



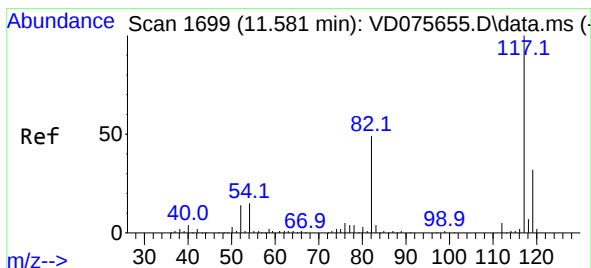
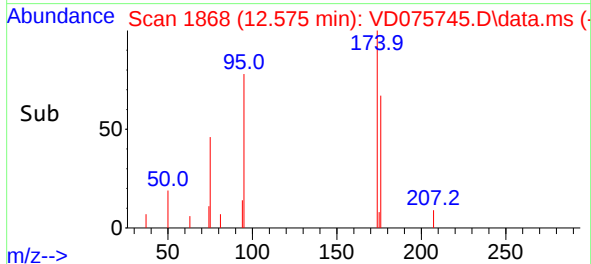
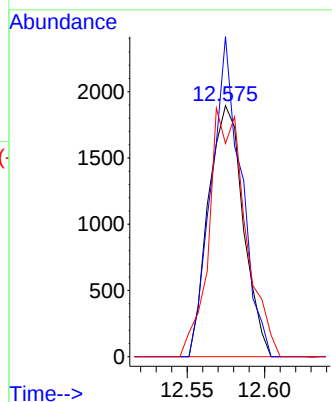


#62
4-Bromofluorobenzene
Concen: 52.044 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

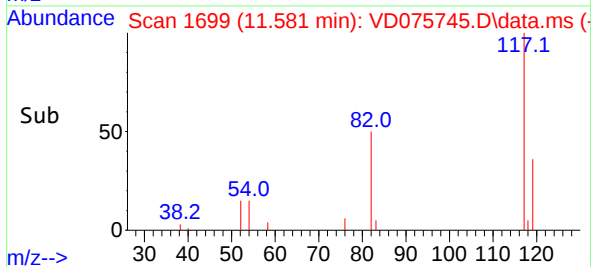
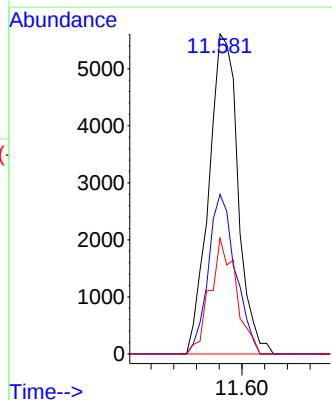
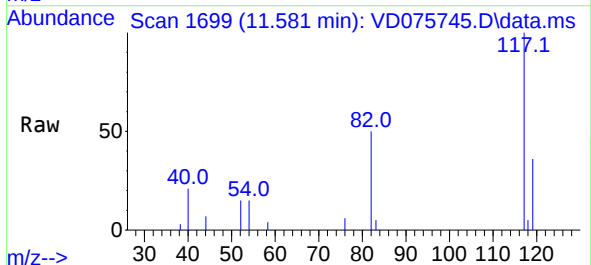


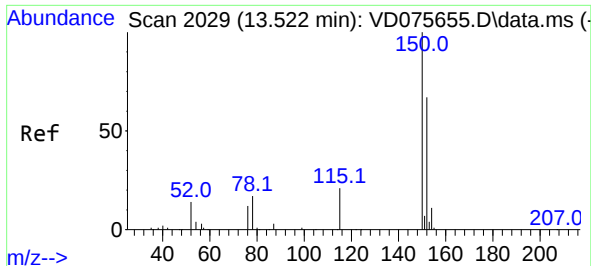
Tgt Ion: 95 Resp: 2961
Ion Ratio Lower Upper
95 100
174 108.2 0.0 164.0
176 102.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

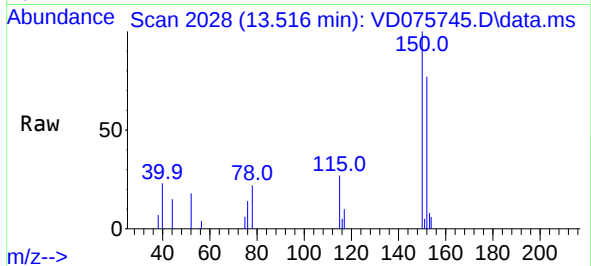
Tgt Ion: 117 Resp: 10004
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 36.1 25.1 37.7



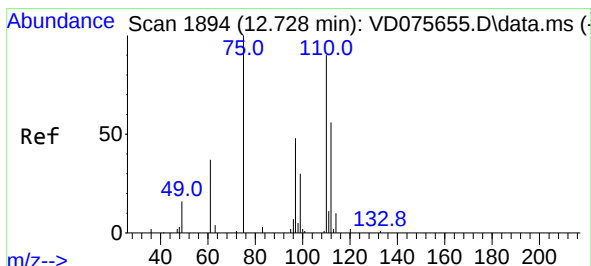
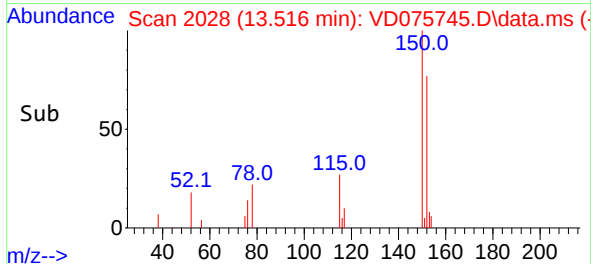
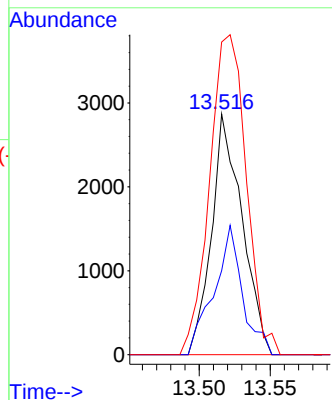


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

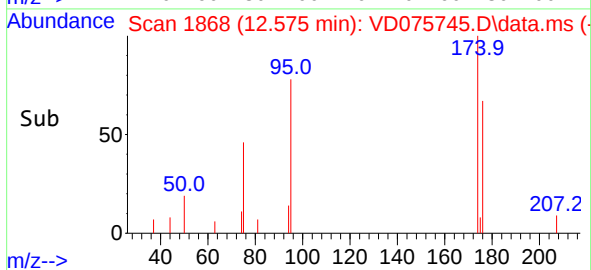
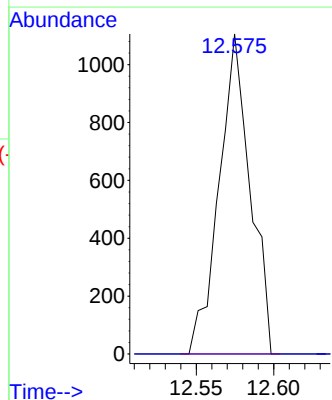
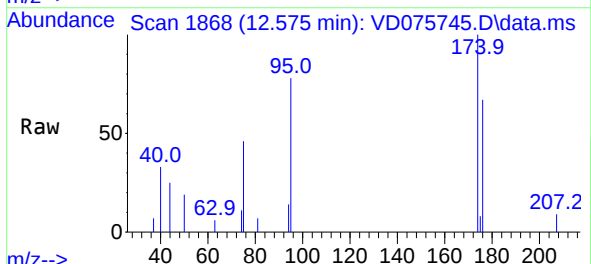


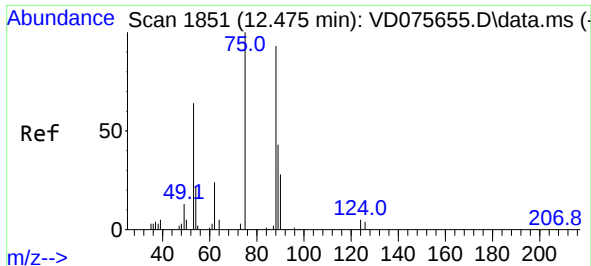
Tgt Ion:152 Resp: 4286
Ion Ratio Lower Upper
152 100
115 50.1 30.1 90.3
150 159.5 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 44.118 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

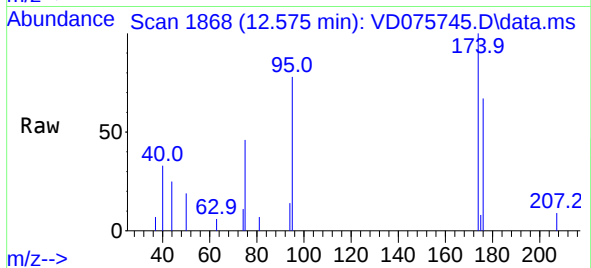
Tgt Ion: 75 Resp: 1542
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



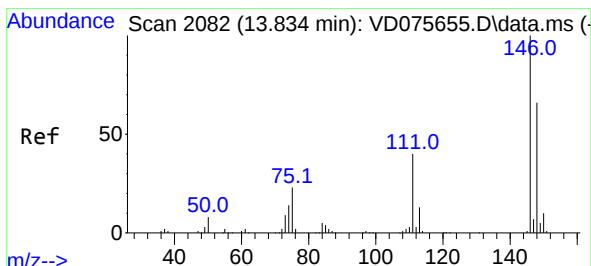
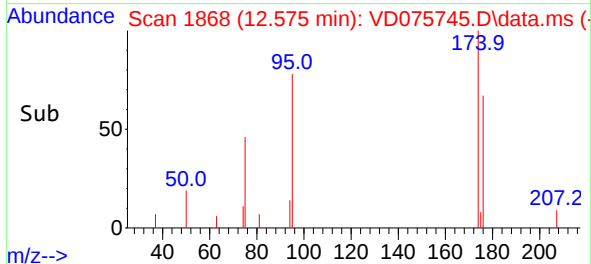
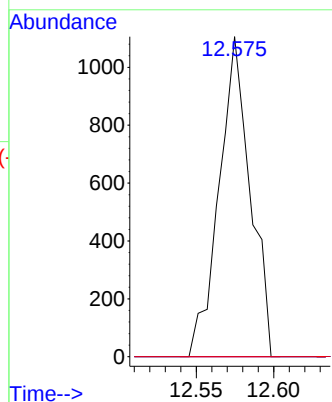


#81
trans-1,4-Dichloro-2-butene
Concen: 95.621 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

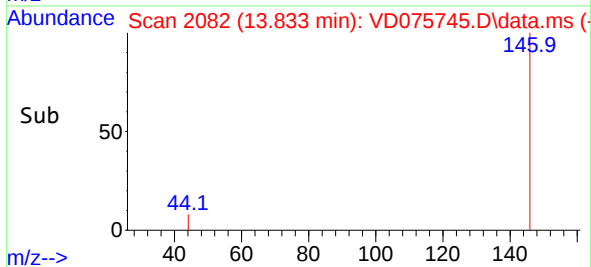
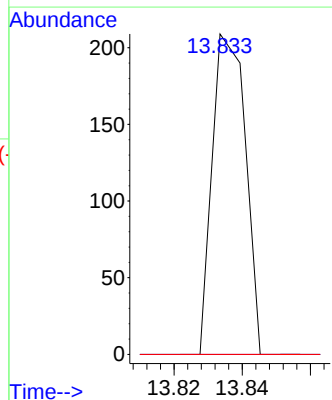
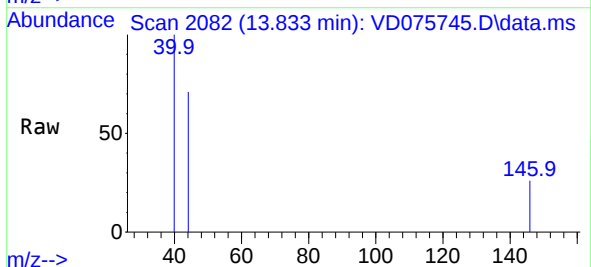


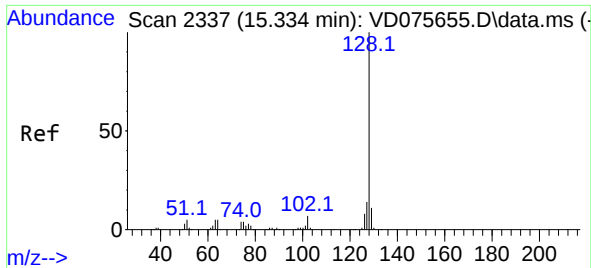
Tgt Ion: 75 Resp: 1542
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#91
1,2-Dichlorobenzene
Concen: 1.091 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

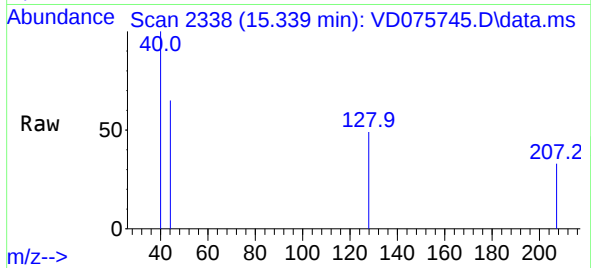
Tgt Ion: 146 Resp: 141
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 0.0 32.0 96.2#





#95
 Naphthalene
 Concen: 2.134 ug/l
 RT: 15.339 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VD075745.D
 Acq: 19 Apr 2023 13:23

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	304
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#

