

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075003.D
 Acq On : 21 Nov 2022 14:57
 Operator : VA/SY
 Sample : N5699-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 00:18:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

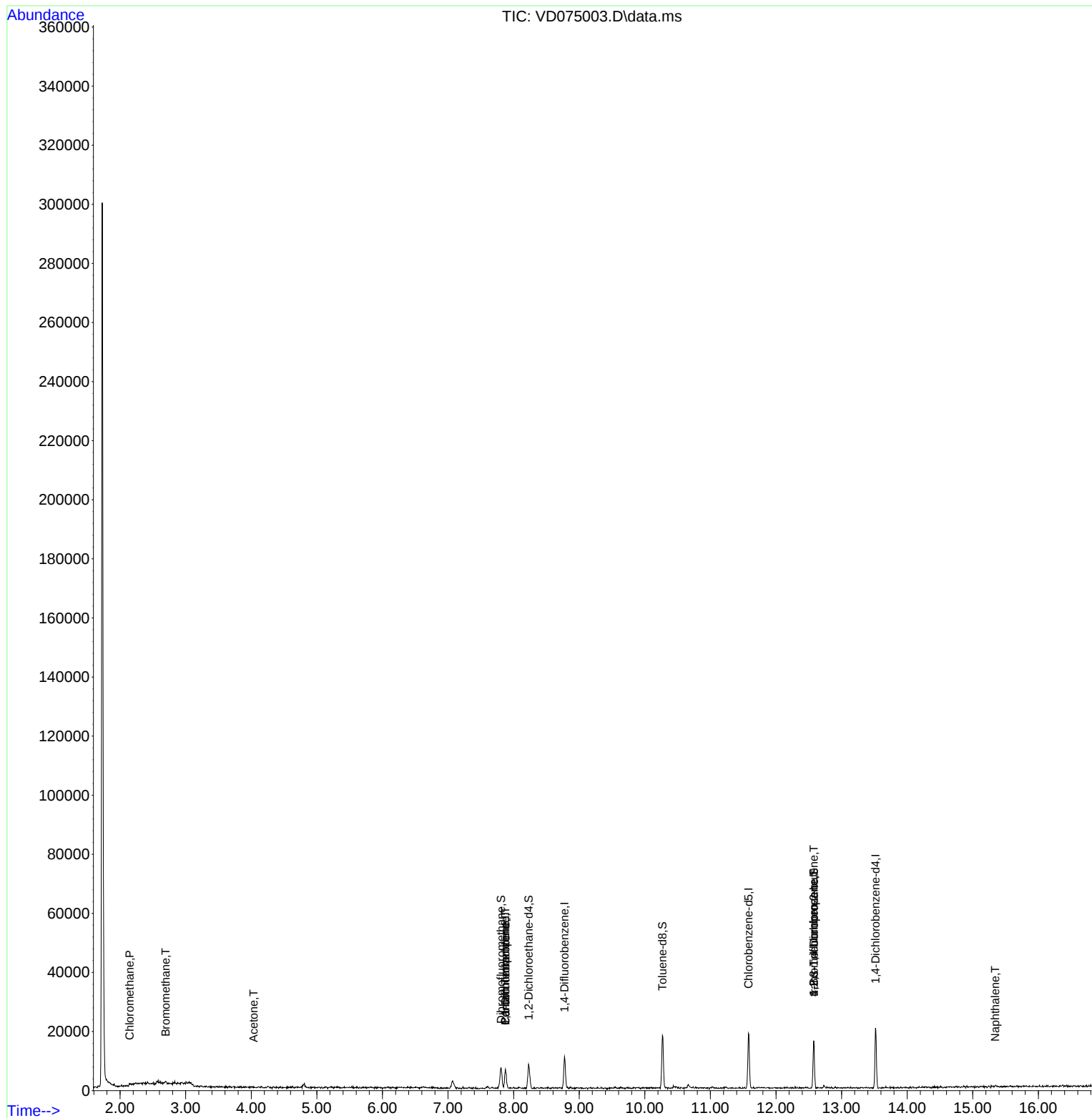
Internal Standards						
1) Pentafluorobenzene	7.875	168	6200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6729	178.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 357.140%#	
35) Dibromofluoromethane	7.810	113	5436	78.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 156.680%#	
50) Toluene-d8	10.269	98	14388	62.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.900%	
62) 4-Bromofluorobenzene	12.575	95	5429	77.348	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 154.700%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	338	1.579	ug/l #	37
5) Bromomethane	2.693	94	463	6.228	ug/l #	67
16) Acetone	4.034	43	54	5.276	ug/l #	37
20) Methylene Chloride	4.811	84	932	Below Cal	#	71
36) 1,1-Dichloropropene	7.875	75	128	1.255	ug/l #	39
38) Carbon Tetrachloride	7.875	117	383	3.990	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	2654	49.059	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	2654	120.686	ug/l #	17
95) Naphthalene	15.339	128	343	1.647	ug/l #	69

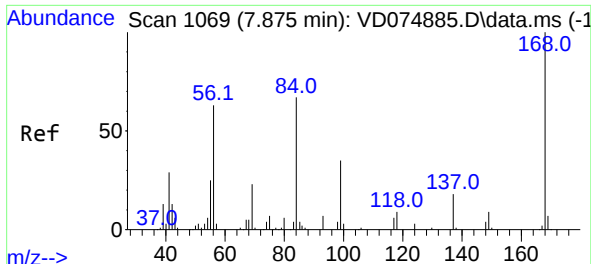
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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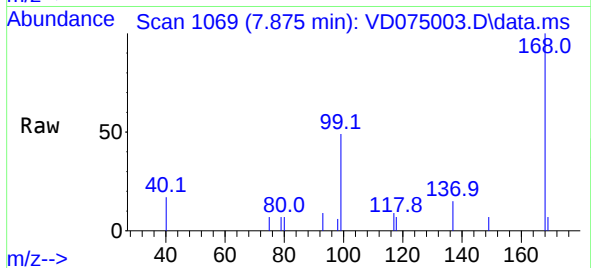
Quant Time: Nov 22 00:18:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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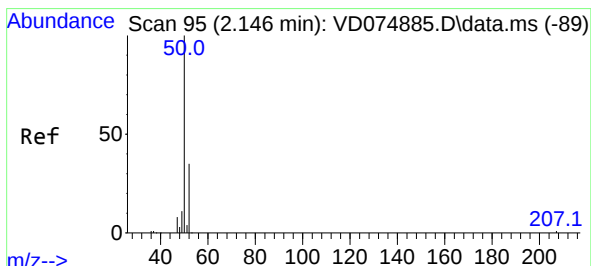
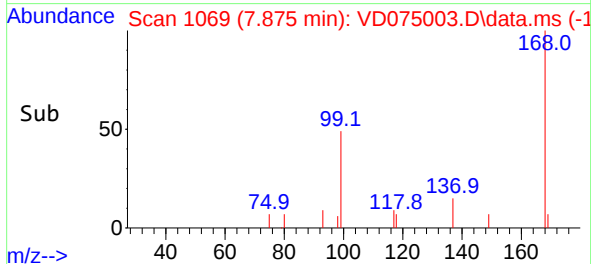
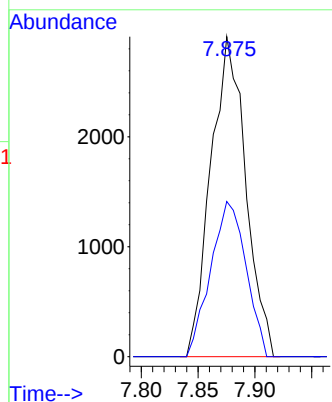


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :

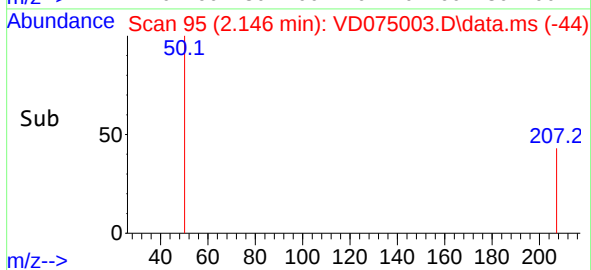
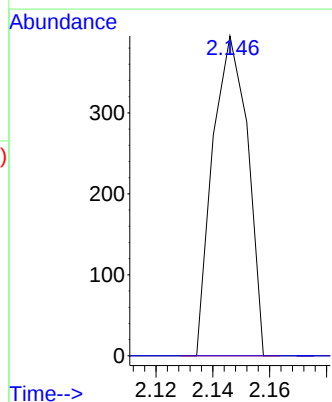
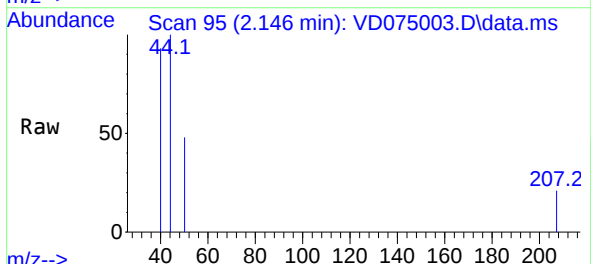


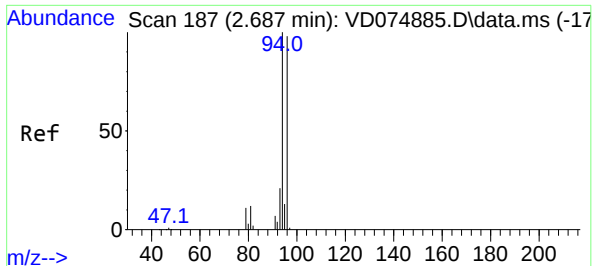
Tgt Ion:168 Resp: 6200
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#3
Chloromethane
Concen: 1.579 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

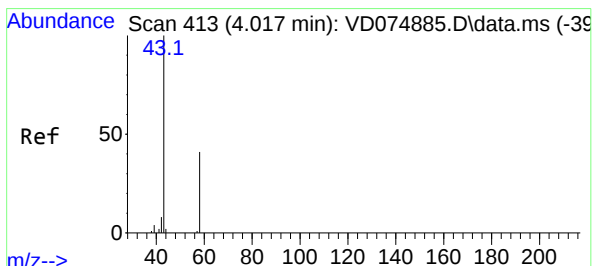
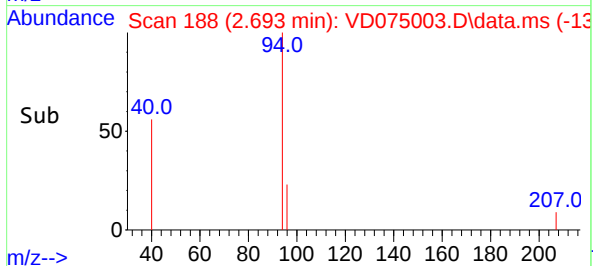
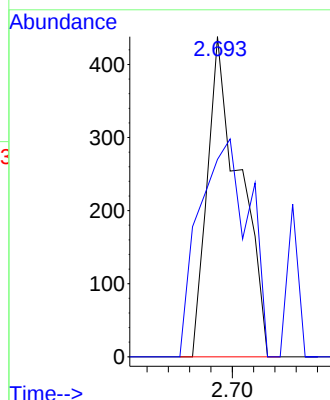
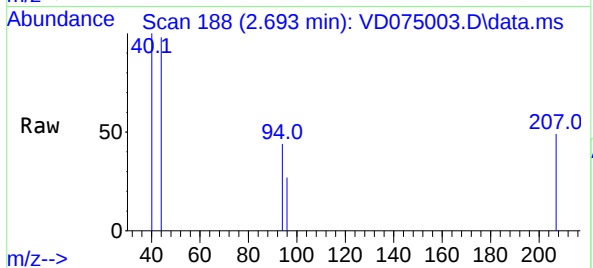




#5
Bromomethane
Concen: 6.228 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

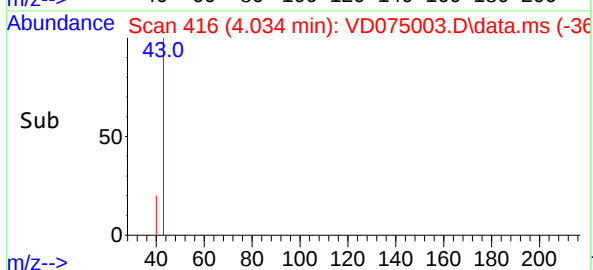
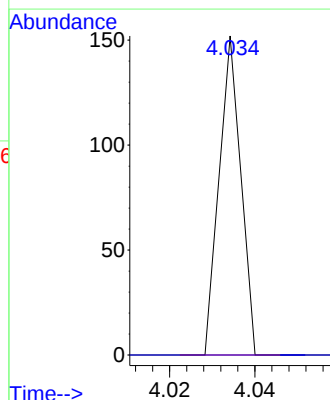
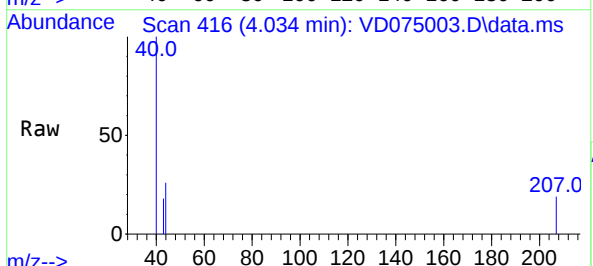
Instrument :
MSVOA_D
ClientSampleId :

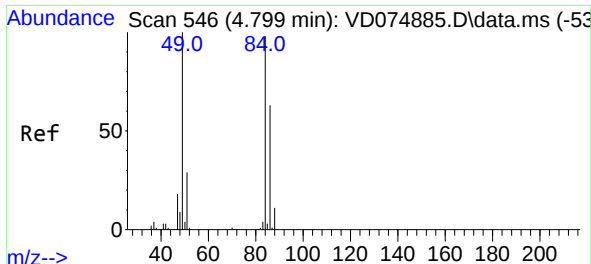
Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 61.6 74.6 112.0#



#16
Acetone
Concen: 5.276 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

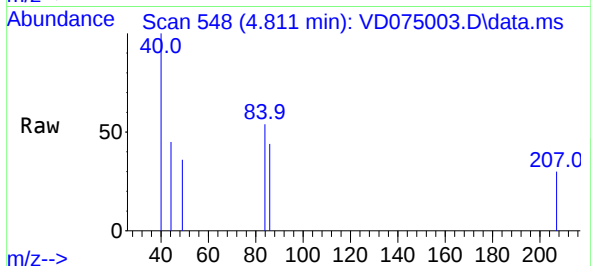
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



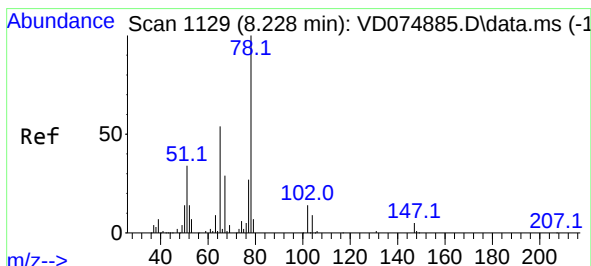
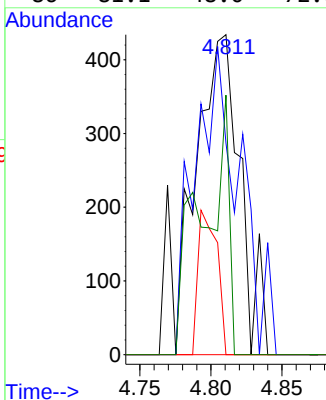
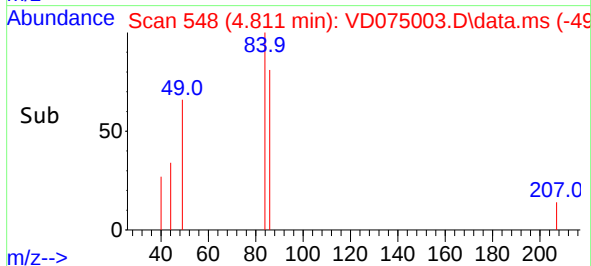


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :

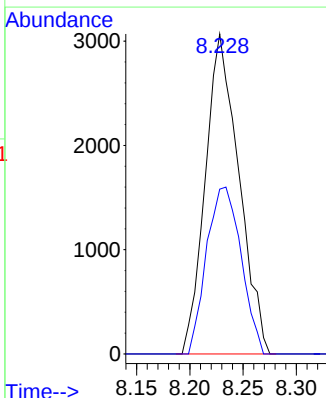
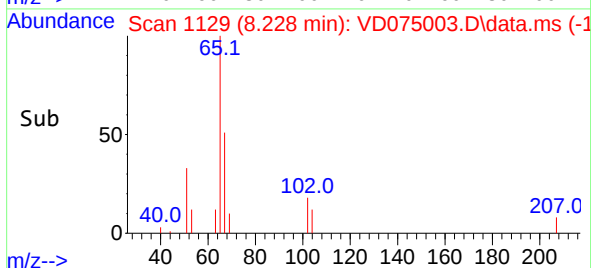
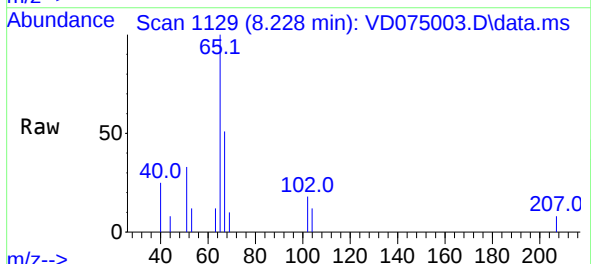


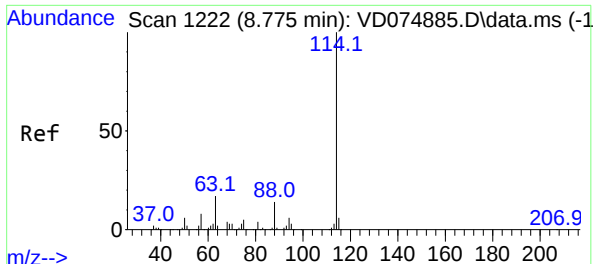
Tgt Ion: 84 Resp: 932
Ion Ratio Lower Upper
84 100
49 66.1 68.0 102.0#
51 0.0 23.2 34.8#
86 81.1 48.0 72.0#



#33
1,2-Dichloroethane-d4
Concen: 178.574 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Tgt Ion: 65 Resp: 6729
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075003.D

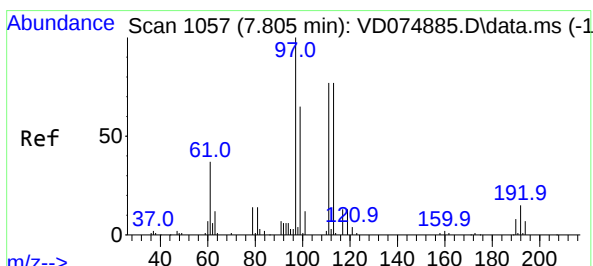
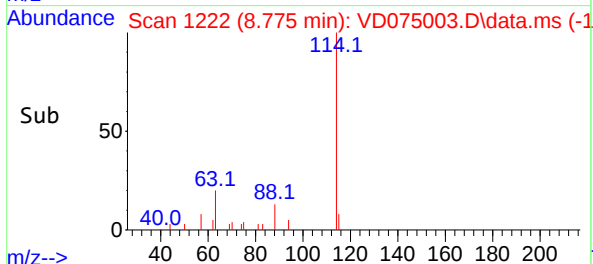
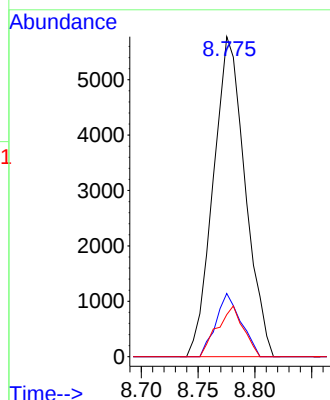
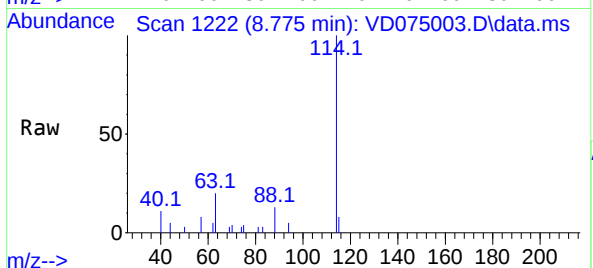
Acq: 21 Nov 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	114	Resp:	11257
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	33.2
88	13.2	0.0	28.2



#35

Dibromofluoromethane

Concen: 78.338 ug/l

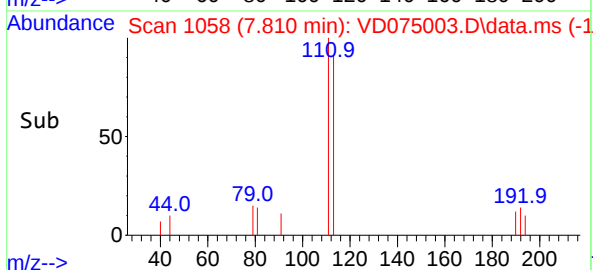
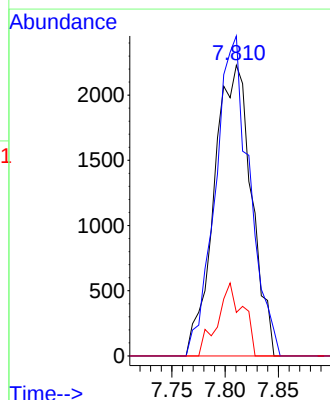
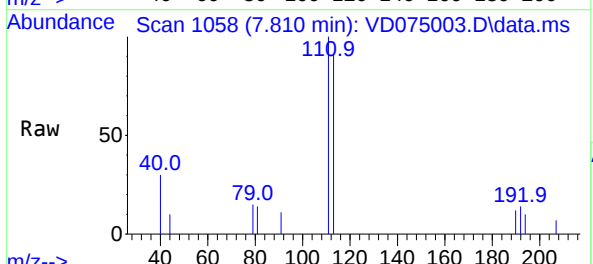
RT: 7.810 min Scan# 1058

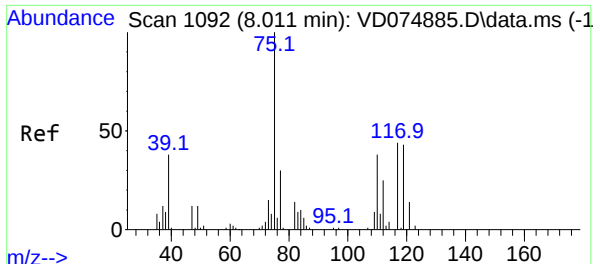
Delta R.T. 0.005 min

Lab File: VD075003.D

Acq: 21 Nov 2022 14:57

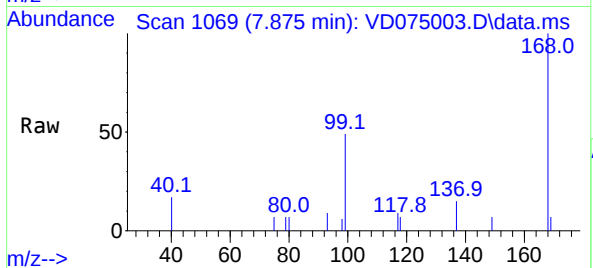
Tgt Ion:	113	Resp:	5436
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.3	123.5
192	17.1	16.4	24.6



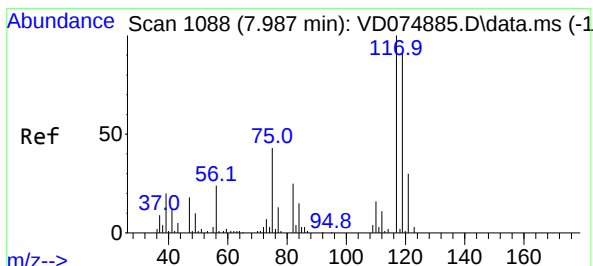
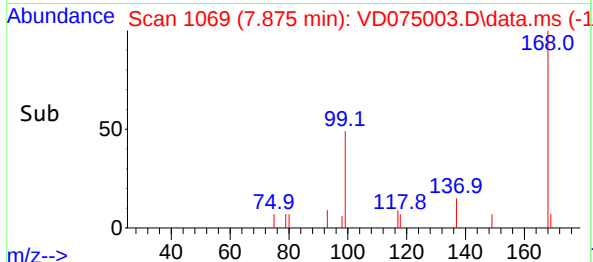
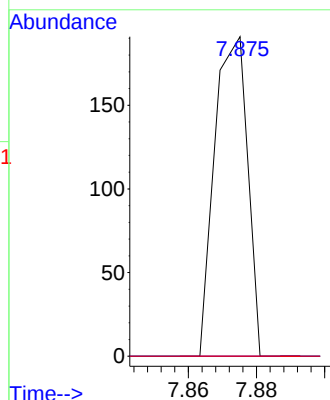


#36
1,1-Dichloropropene
Concen: 1.255 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :

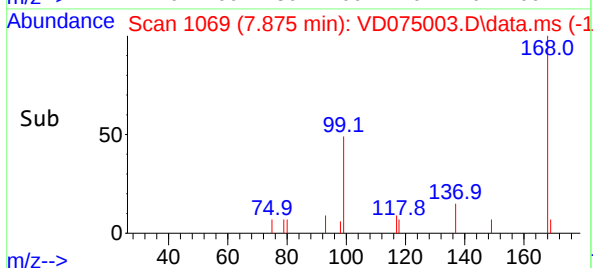
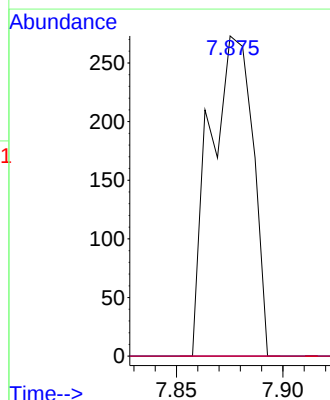
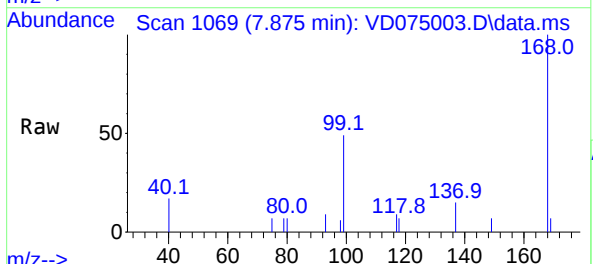


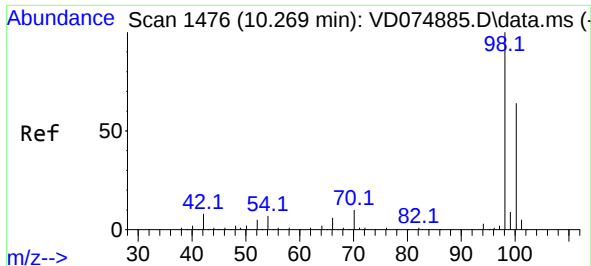
Tgt Ion: 75 Resp: 128
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 3.990 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Tgt Ion: 117 Resp: 383
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#

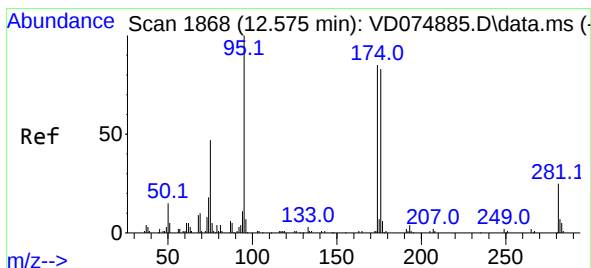
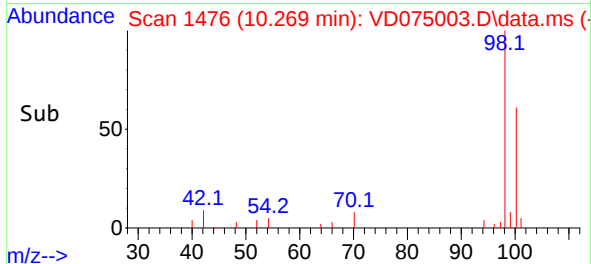
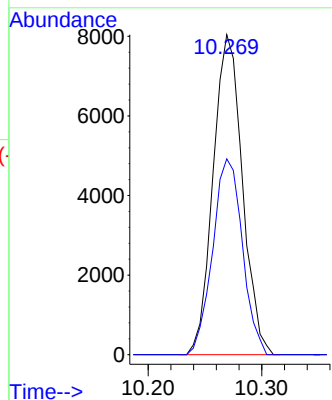
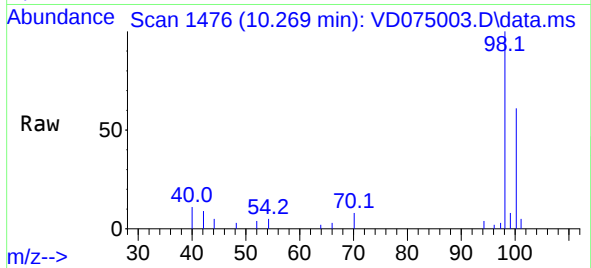




#50
Toluene-d8
Concen: 62.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

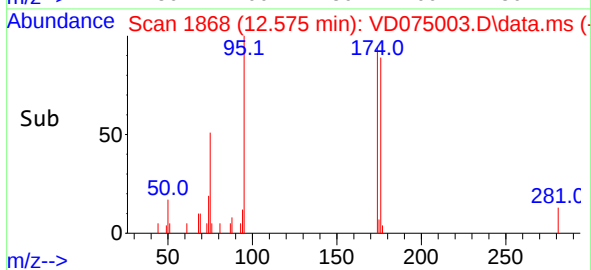
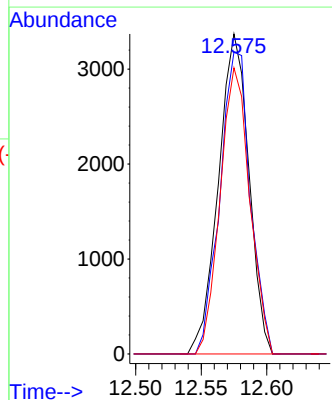
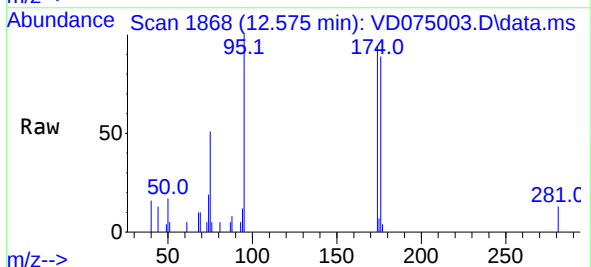
Instrument :
MSVOA_D
ClientSampleId :

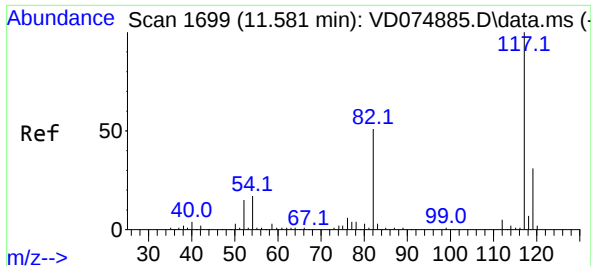
Tgt Ion: 98 Resp: 14388
Ion Ratio Lower Upper
98 100
100 62.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 77.348 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

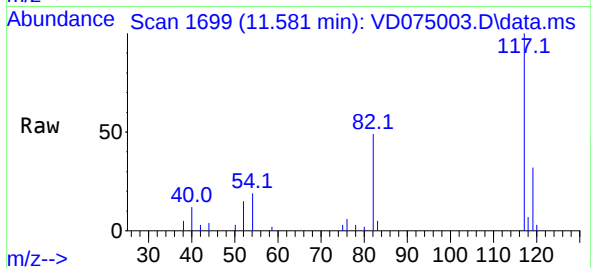
Tgt Ion: 95 Resp: 5429
Ion Ratio Lower Upper
95 100
174 94.2 0.0 197.0
176 87.2 0.0 182.6



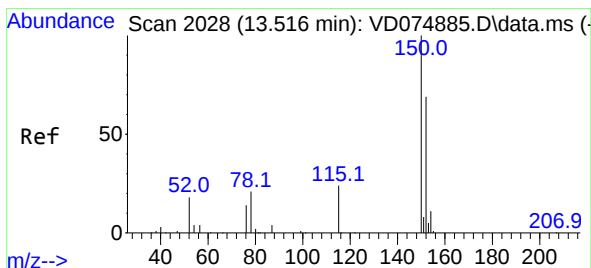
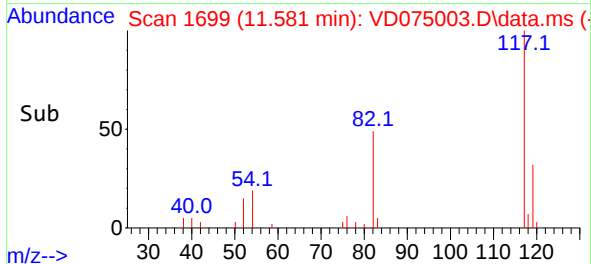
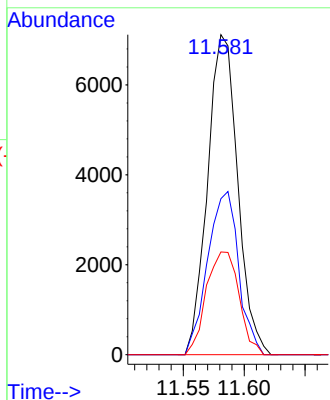


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :

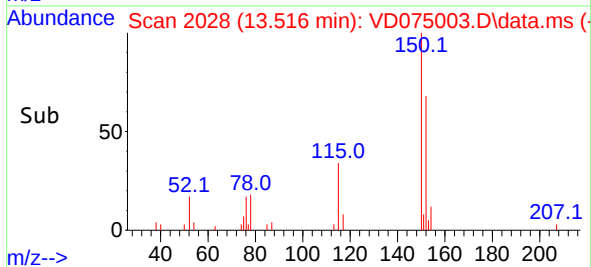
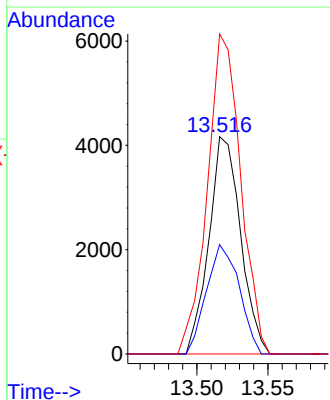
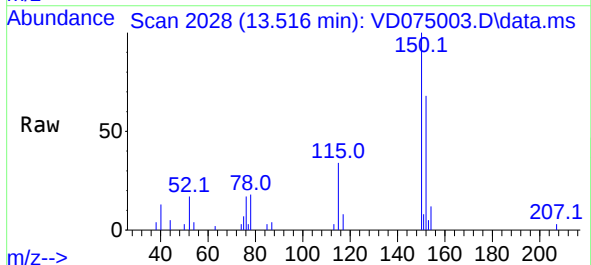


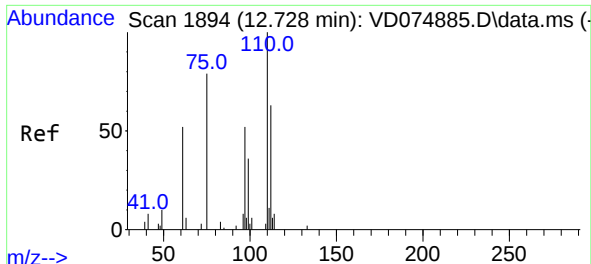
Tgt Ion:117 Resp: 12248
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Tgt Ion:152 Resp: 6468
Ion Ratio Lower Upper
152 100
115 51.9 26.8 80.4
150 154.9 0.0 348.2

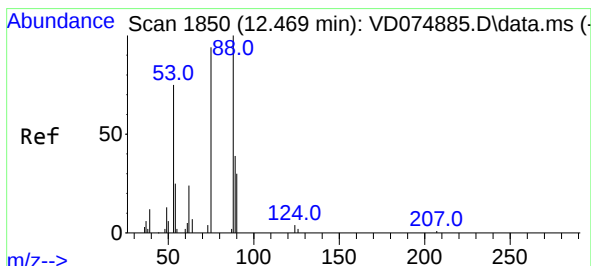
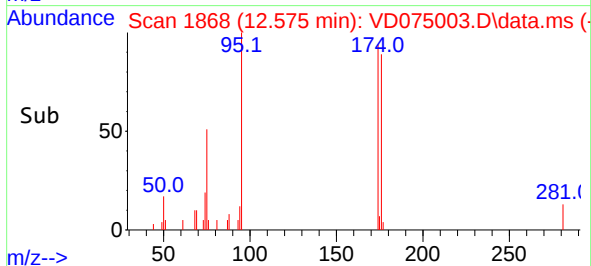
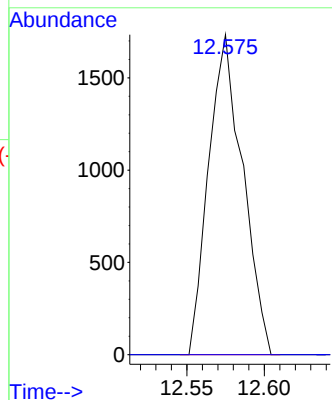
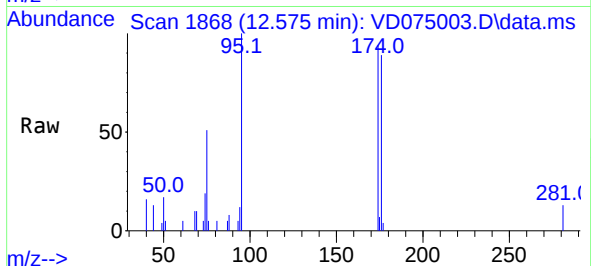




#76
1,2,3-Trichloropropane
Concen: 49.059 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

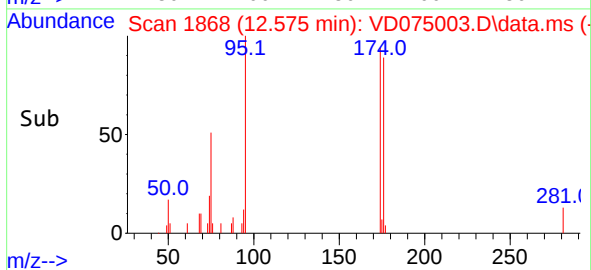
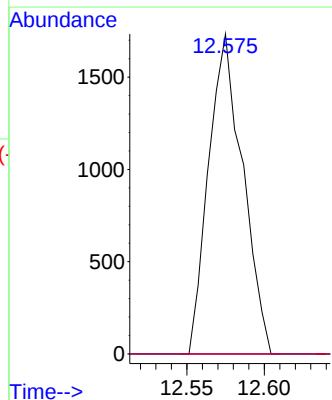
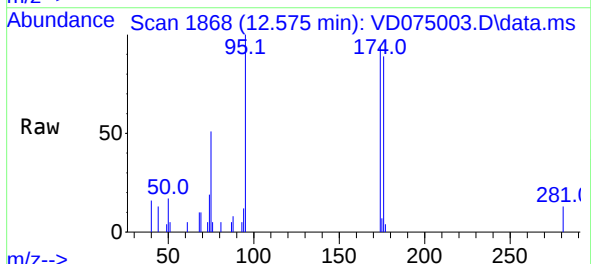
Instrument :
MSVOA_D
ClientSampleId :

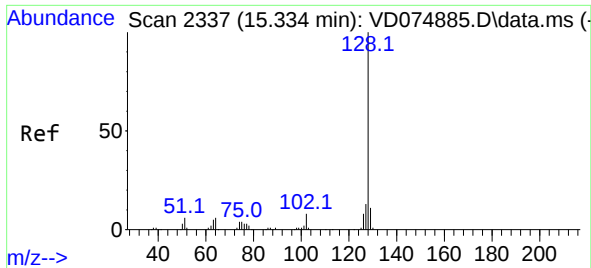
Tgt Ion: 75 Resp: 2654
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.686 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

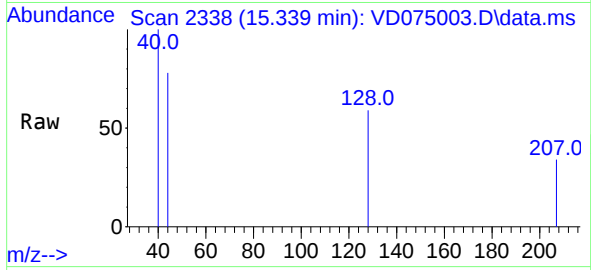
Tgt Ion: 75 Resp: 2654
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95
Naphthalene
Concen: 1.647 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	343
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.3	12.5#

