

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073077.D
 Acq On : 18 May 2022 01:48
 Operator : VA/SY
 Sample : N2824-04
 Misc : 5.05 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 05:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	305340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179811	47.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.180%
35) Dibromofluoromethane	7.908	113	191134	48.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.332	98	683584	47.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.620	95	244853	47.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.900%

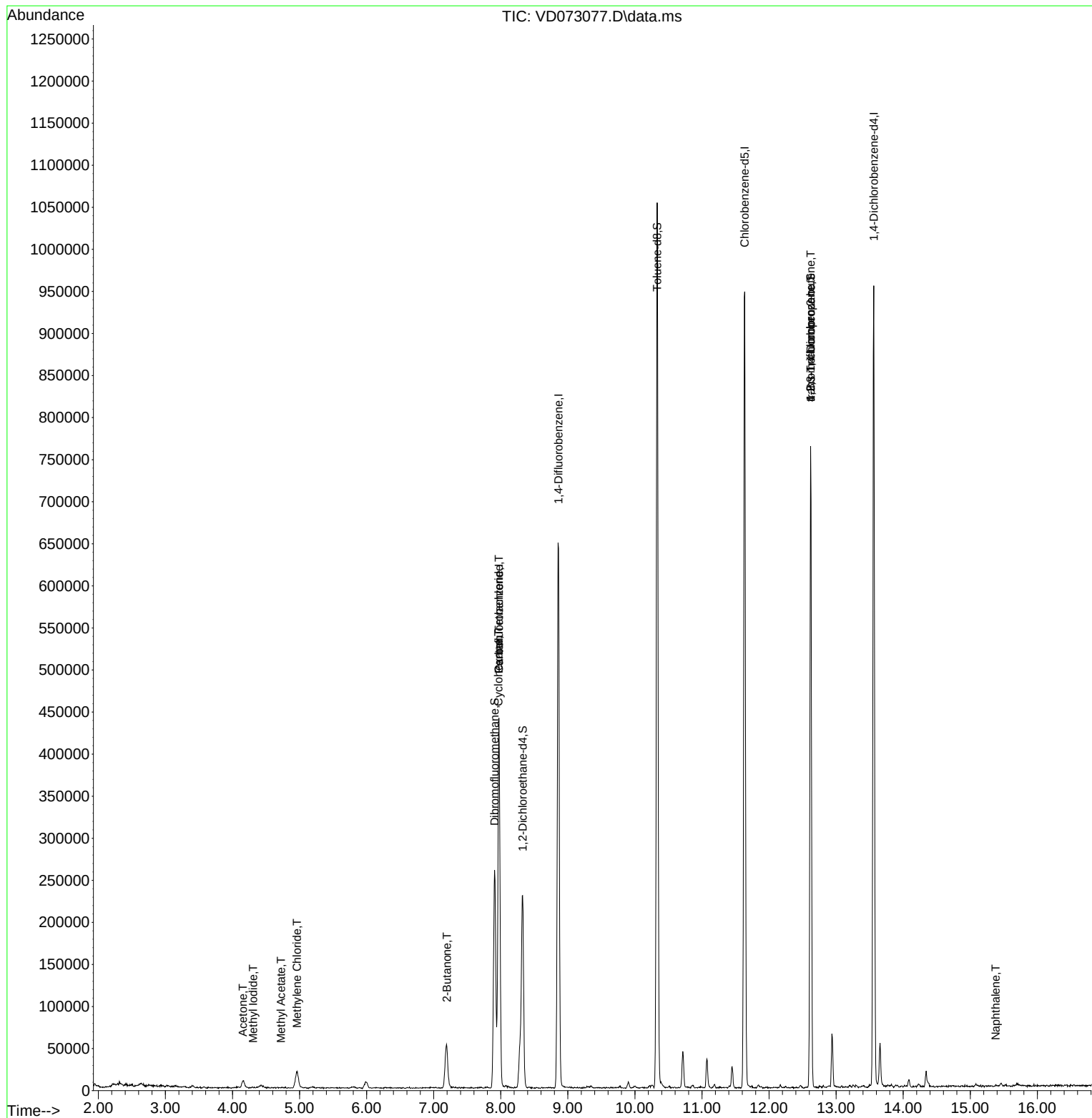
Target Compounds					Qvalue	
10) Methyl Iodide	4.309	142	475	4.375	ug/l #	73
16) Acetone	4.156	43	16307	23.599	ug/l	90
18) Methyl Acetate	4.726	43	58	1.487	ug/l #	55
20) Methylene Chloride	4.961	84	14821	2.955	ug/l #	82
25) 2-Butanone	7.197	43	7559	7.224	ug/l	98
31) Cyclohexane	7.967	56	7903	1.149	ug/l #	4
38) Carbon Tetrachloride	7.973	117	33601	5.132	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	122920	43.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	122920	104.913	ug/l #	7
95) Naphthalene	15.379	128	929	4.348	ug/l #	70

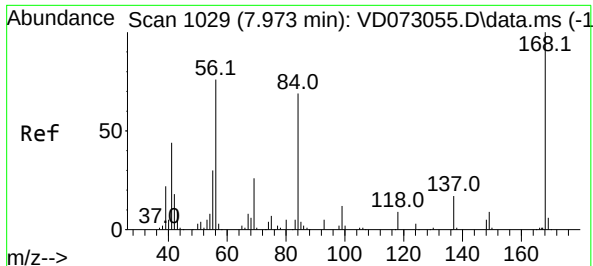
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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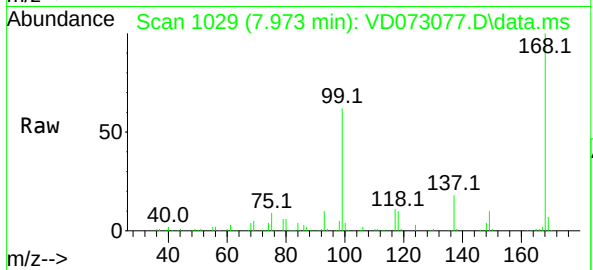
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



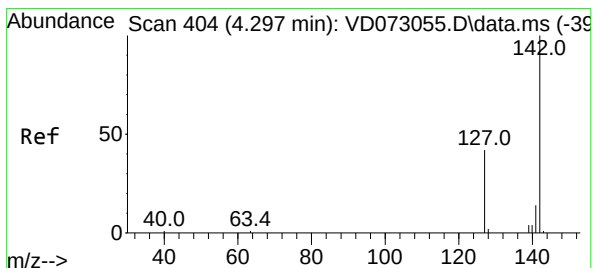
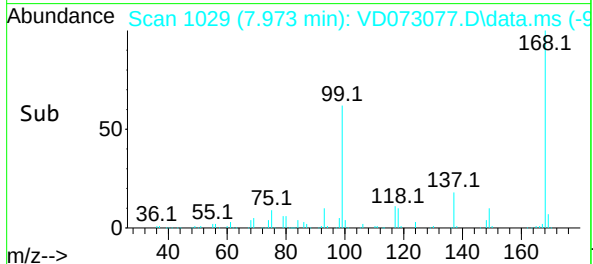
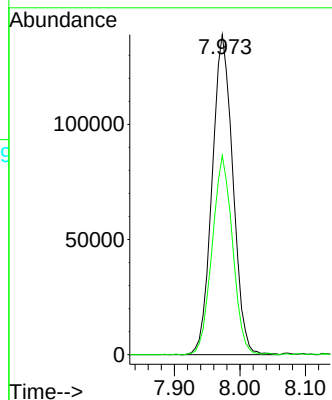


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Instrument :
MSVOA_D
ClientSampleId :

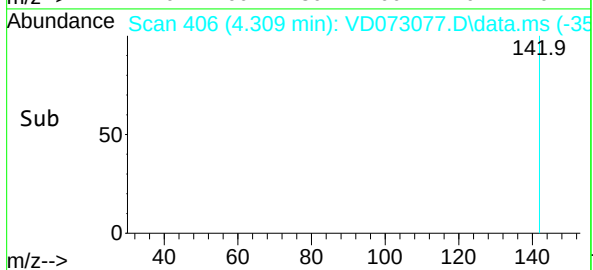
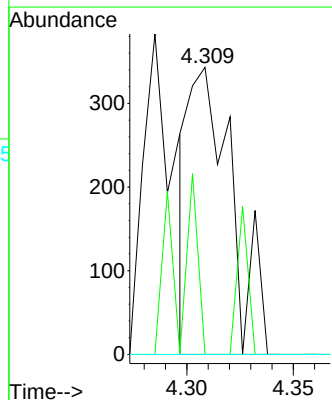
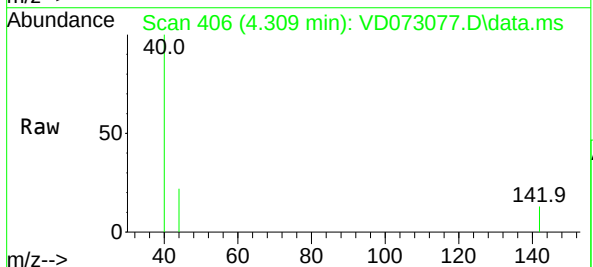


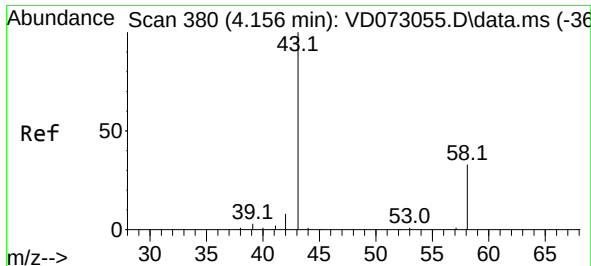
Tgt Ion:168 Resp: 305340
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#10
Methyl Iodide
Concen: 4.375 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
127 30.5 37.3 55.9#
141 0.0 11.7 17.5#

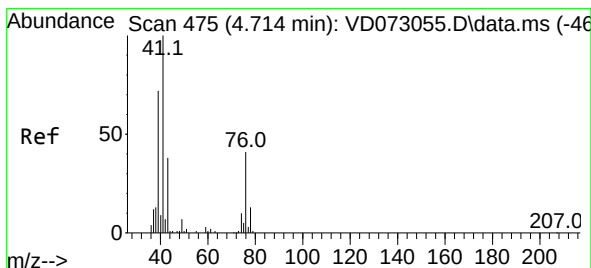
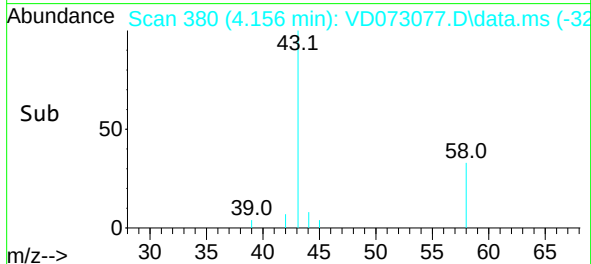
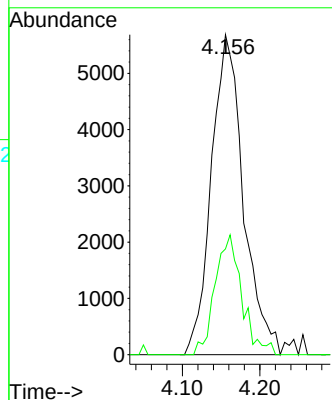
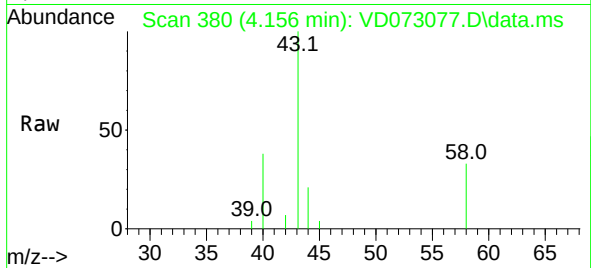




#16
Acetone
Concen: 23.599 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

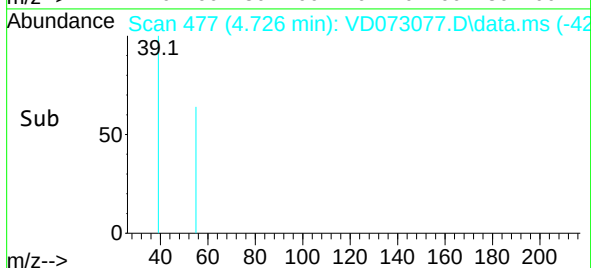
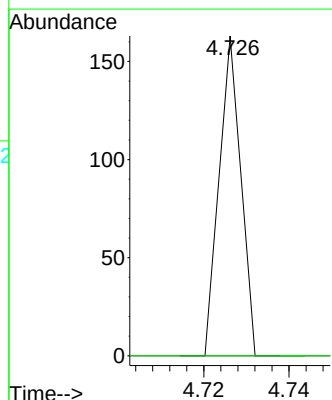
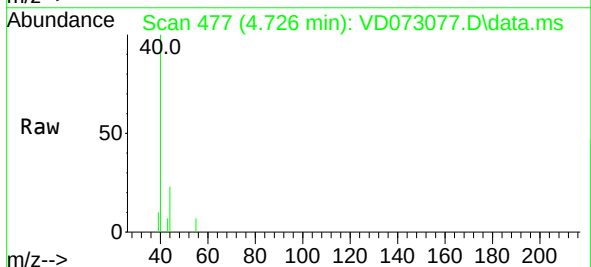
Instrument :
MSVOA_D
ClientSampleId :

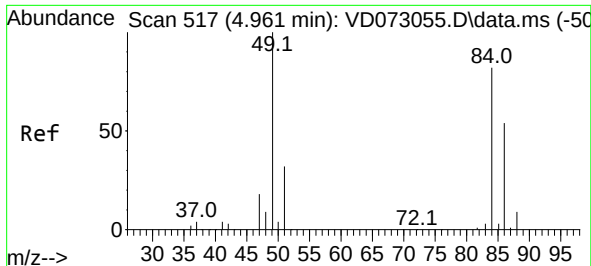
Tgt Ion: 43 Resp: 16307
Ion Ratio Lower Upper
43 100
58 33.1 22.1 33.1



#18
Methyl Acetate
Concen: 1.487 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

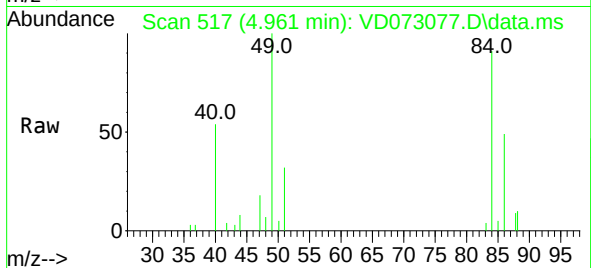
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



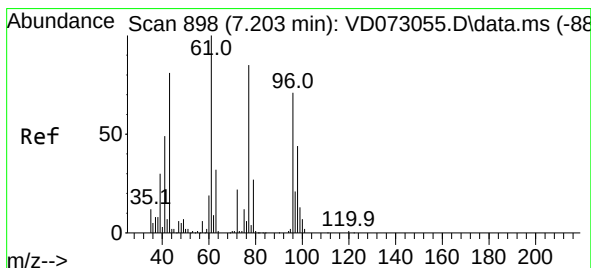
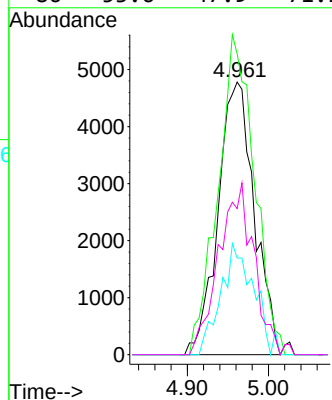


#20
Methylene Chloride
Concen: 2.955 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Instrument :
MSVOA_D
ClientSampleId :

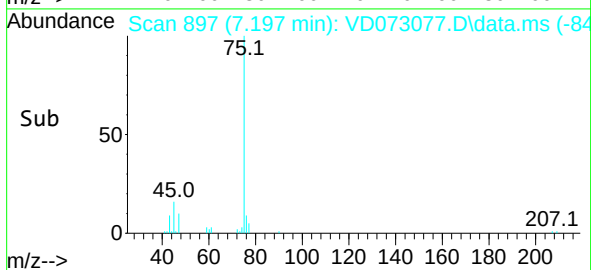
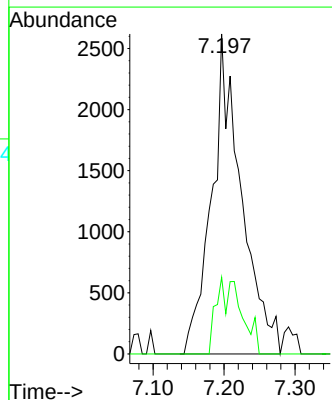
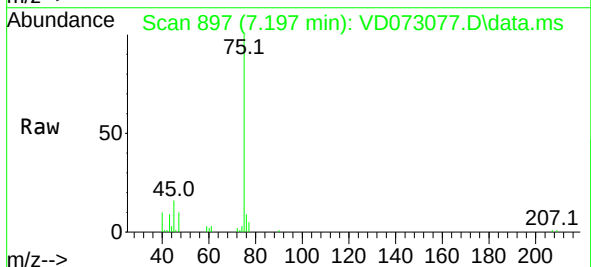


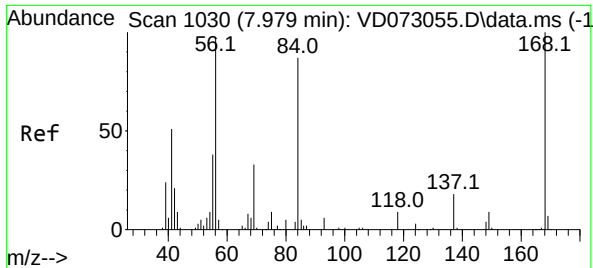
Tgt Ion:	84	Resp:	14821
Ion	Ratio	Lower	Upper
84	100		
49	110.4	112.8	169.2#
51	35.4	32.6	48.8
86	53.6	47.9	71.9



#25
2-Butanone
Concen: 7.224 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

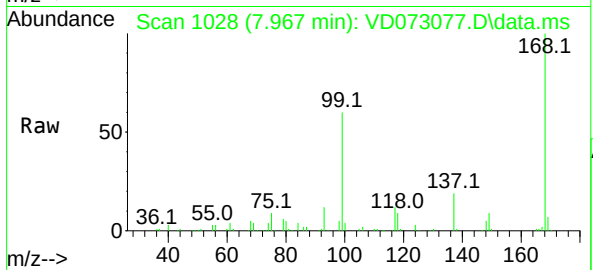
Tgt Ion:	43	Resp:	7559
Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.6	27.8



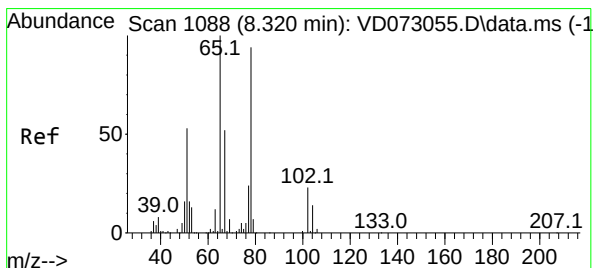
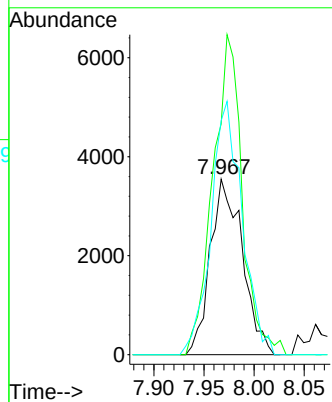
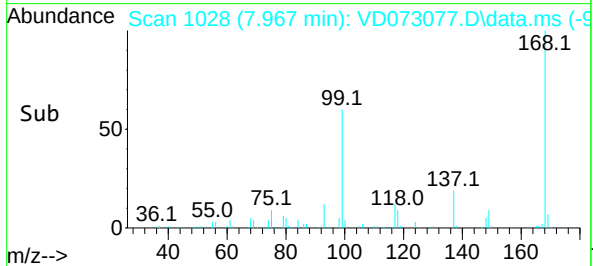


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Instrument :
MSVOA_D
ClientSampleId :

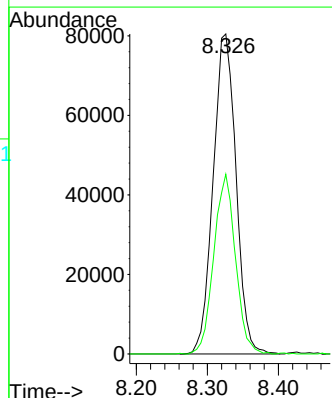
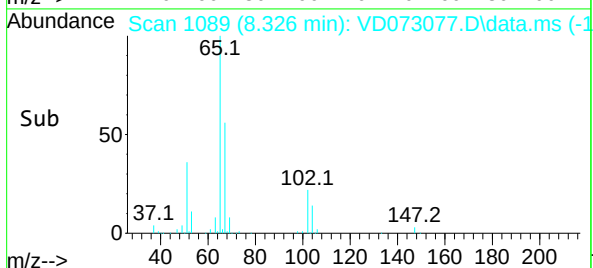
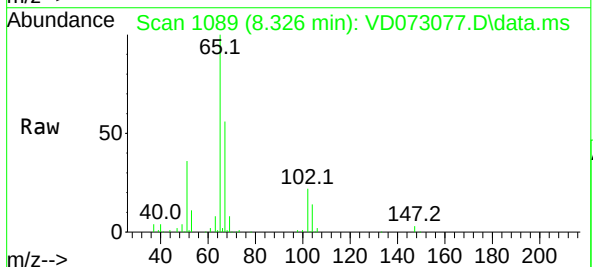


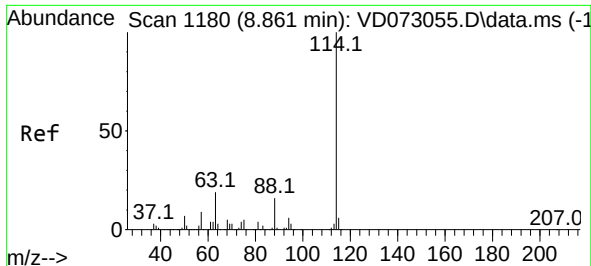
Tgt Ion: 56 Resp: 7903
Ion Ratio Lower Upper
56 100
69 131.5 25.4 38.2#
84 133.3 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.089 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

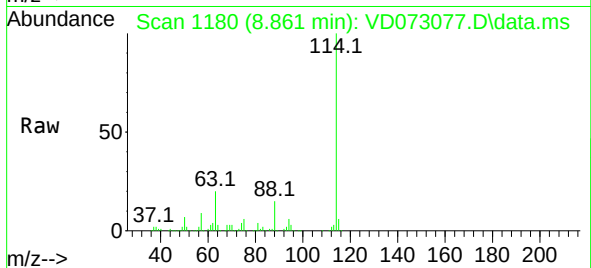
Tgt Ion: 65 Resp: 179811
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4



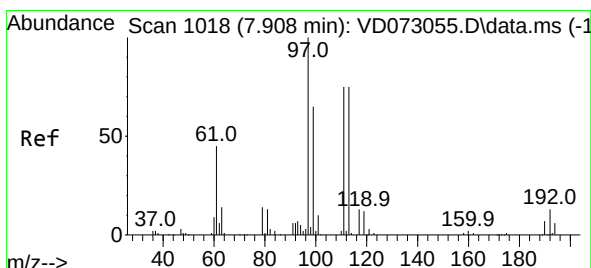
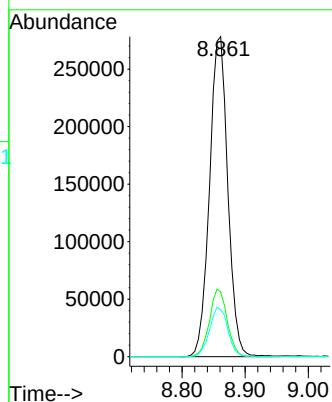
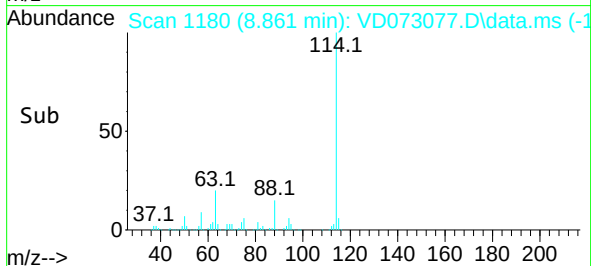


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

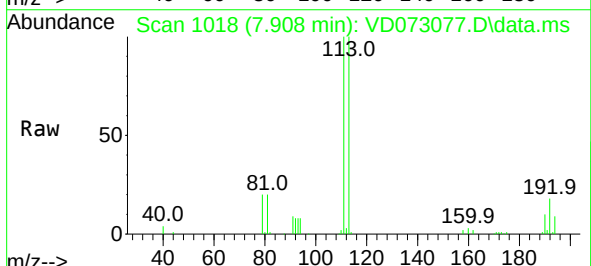
Instrument :
MSVOA_D
ClientSampleId :



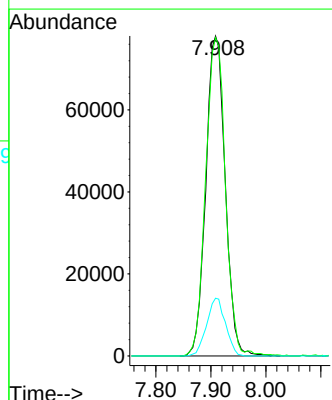
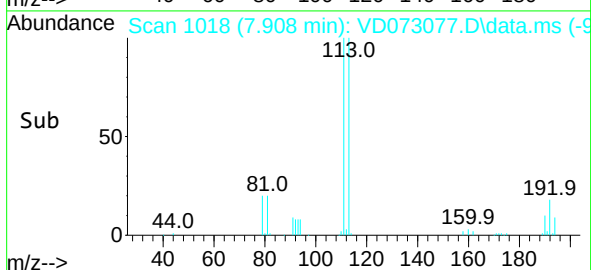
Tgt Ion:114 Resp: 559393
Ion Ratio Lower Upper
114 100
63 20.2 0.0 46.6
88 14.7 0.0 33.2

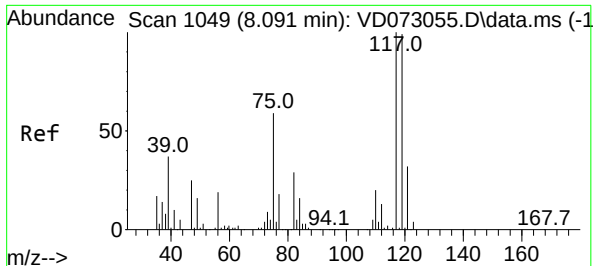


#35
Dibromofluoromethane
Concen: 48.665 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48



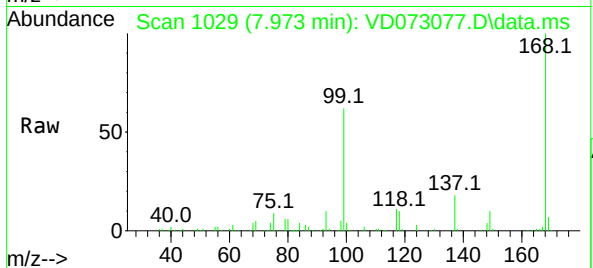
Tgt Ion:113 Resp: 191134
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 17.6 14.6 21.8



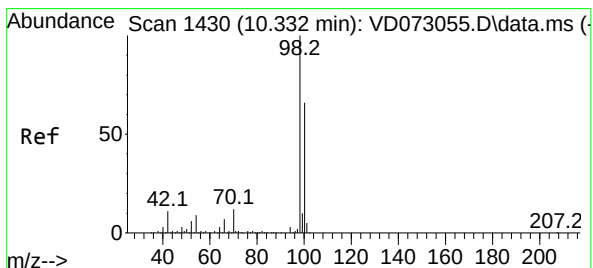
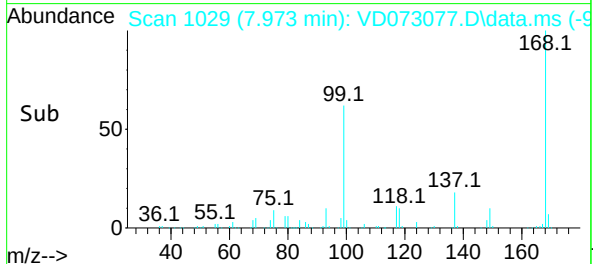
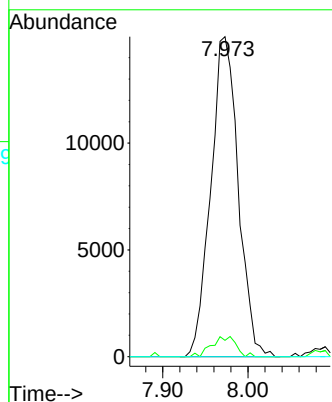


#38
Carbon Tetrachloride
Concen: 5.132 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Instrument :
MSVOA_D
ClientSampleId :

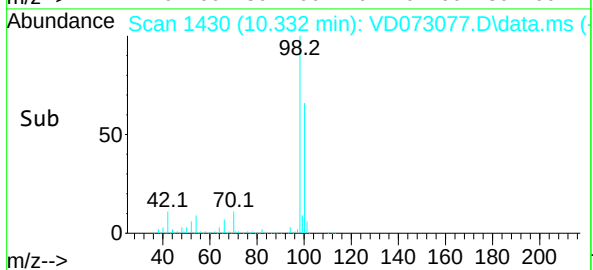
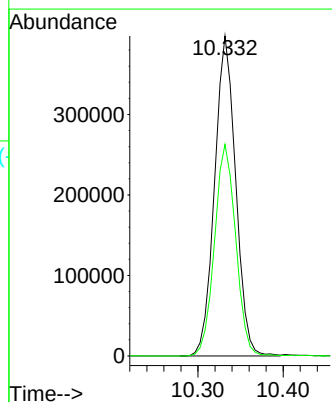
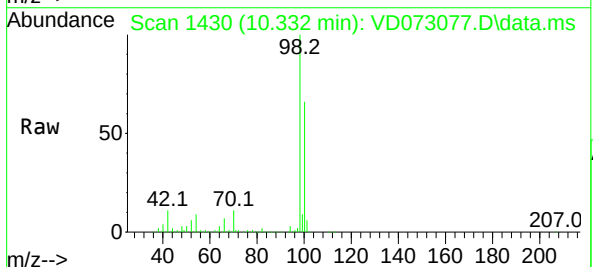


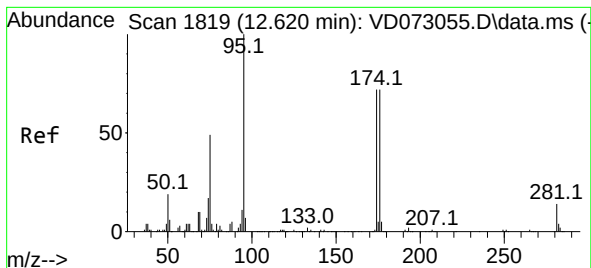
Tgt Ion:117 Resp: 33601
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.976 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Tgt Ion: 98 Resp: 683584
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

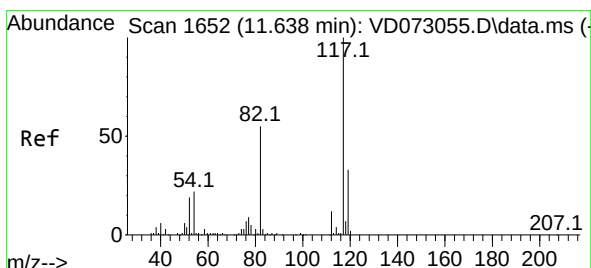
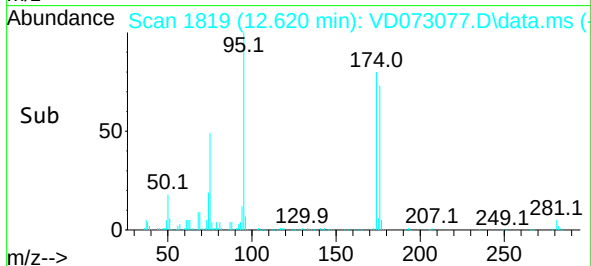
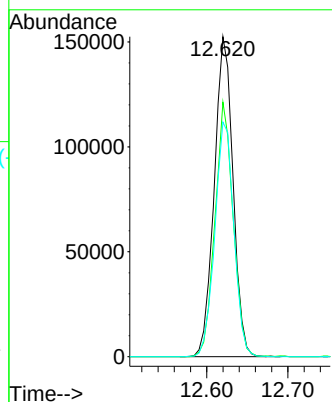
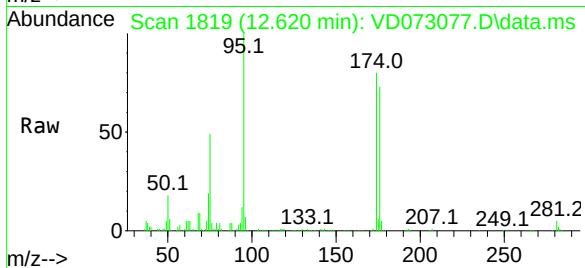




#62
4-Bromofluorobenzene
Concen: 47.445 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

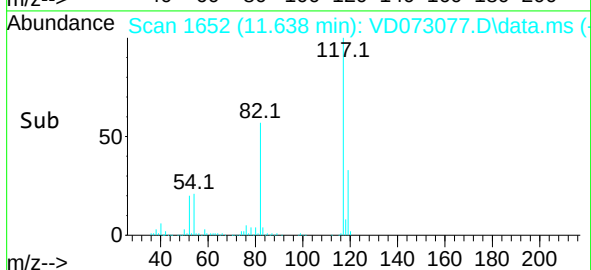
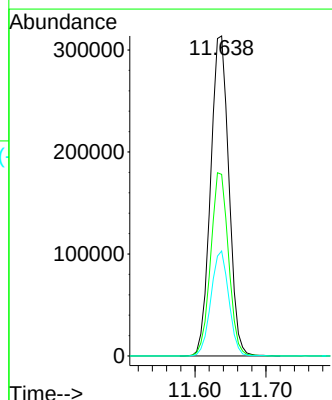
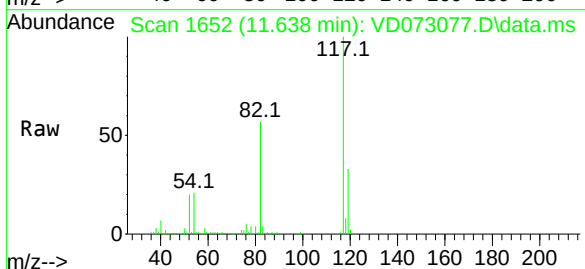
Instrument :
MSVOA_D
ClientSampleId :

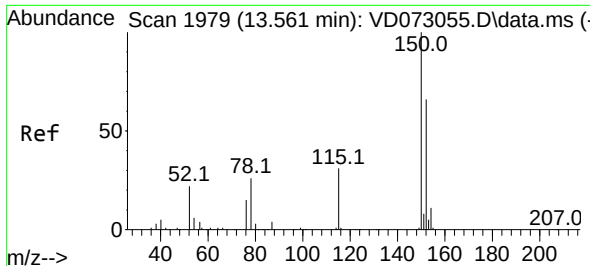
Tgt Ion: 95 Resp: 244853
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

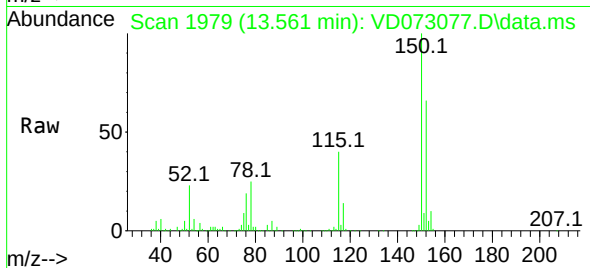
Tgt Ion: 117 Resp: 558851
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 32.8 26.6 40.0



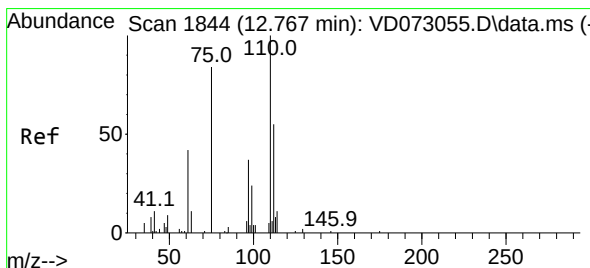
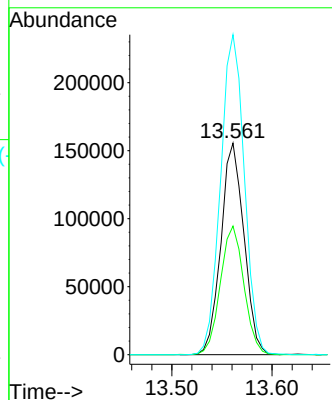
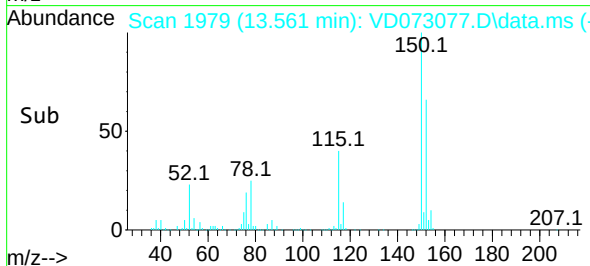


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD073077.D
 Acq: 18 May 2022 01:48

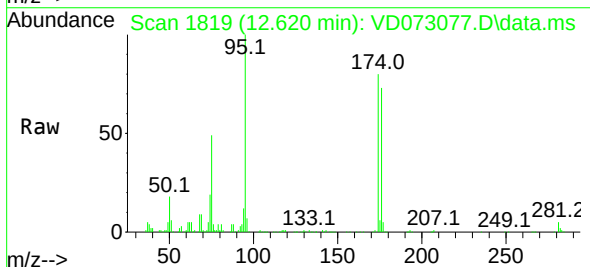
Instrument :
 MSVOA_D
 ClientSampleId :



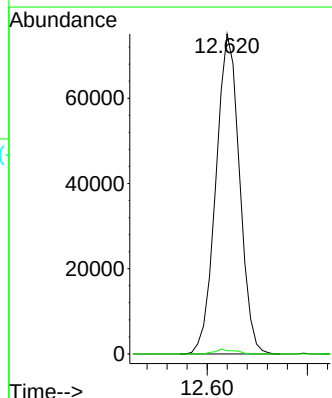
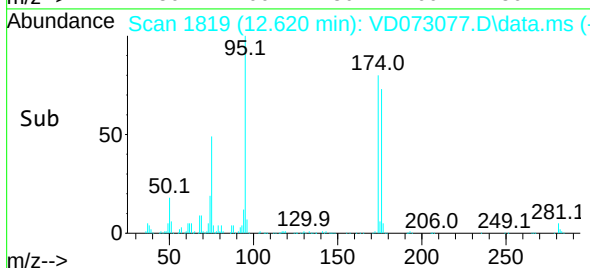
Tgt Ion:152 Resp: 248517
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.3 93.8
 150 156.2 0.0 348.6

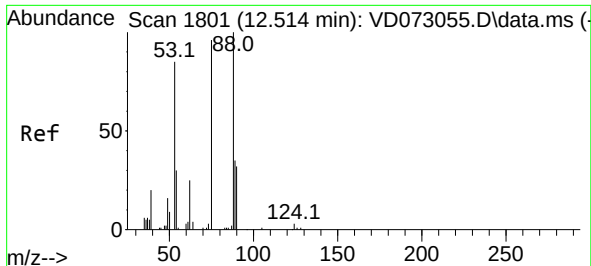


#76
 1,2,3-Trichloropropane
 Concen: 43.754 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073077.D
 Acq: 18 May 2022 01:48



Tgt Ion: 75 Resp: 122920
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

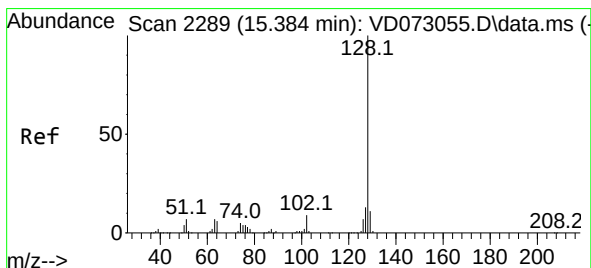
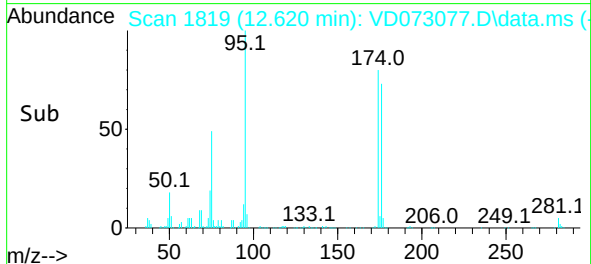
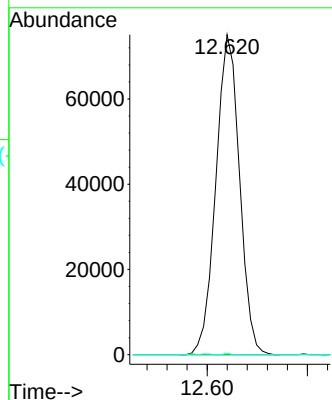
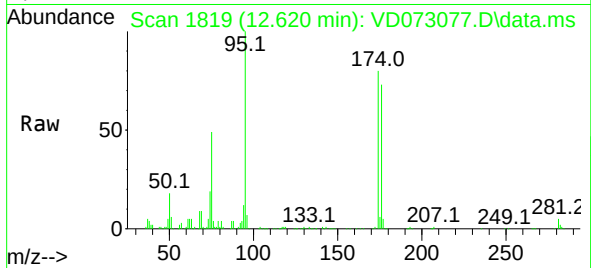




#81
trans-1,4-Dichloro-2-butene
Concen: 104.913 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 122920
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 4.348 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Tgt Ion:128 Resp: 929
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

