

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073413.D
 Acq On : 27 May 2022 16:09
 Operator : VA/SY
 Sample : N3076-01
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:44:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	277849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	485343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	510048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	220119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	140041	45.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.220%
35) Dibromofluoromethane	7.908	113	162886	50.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.332	98	604397	51.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.620	95	213169	51.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.900%

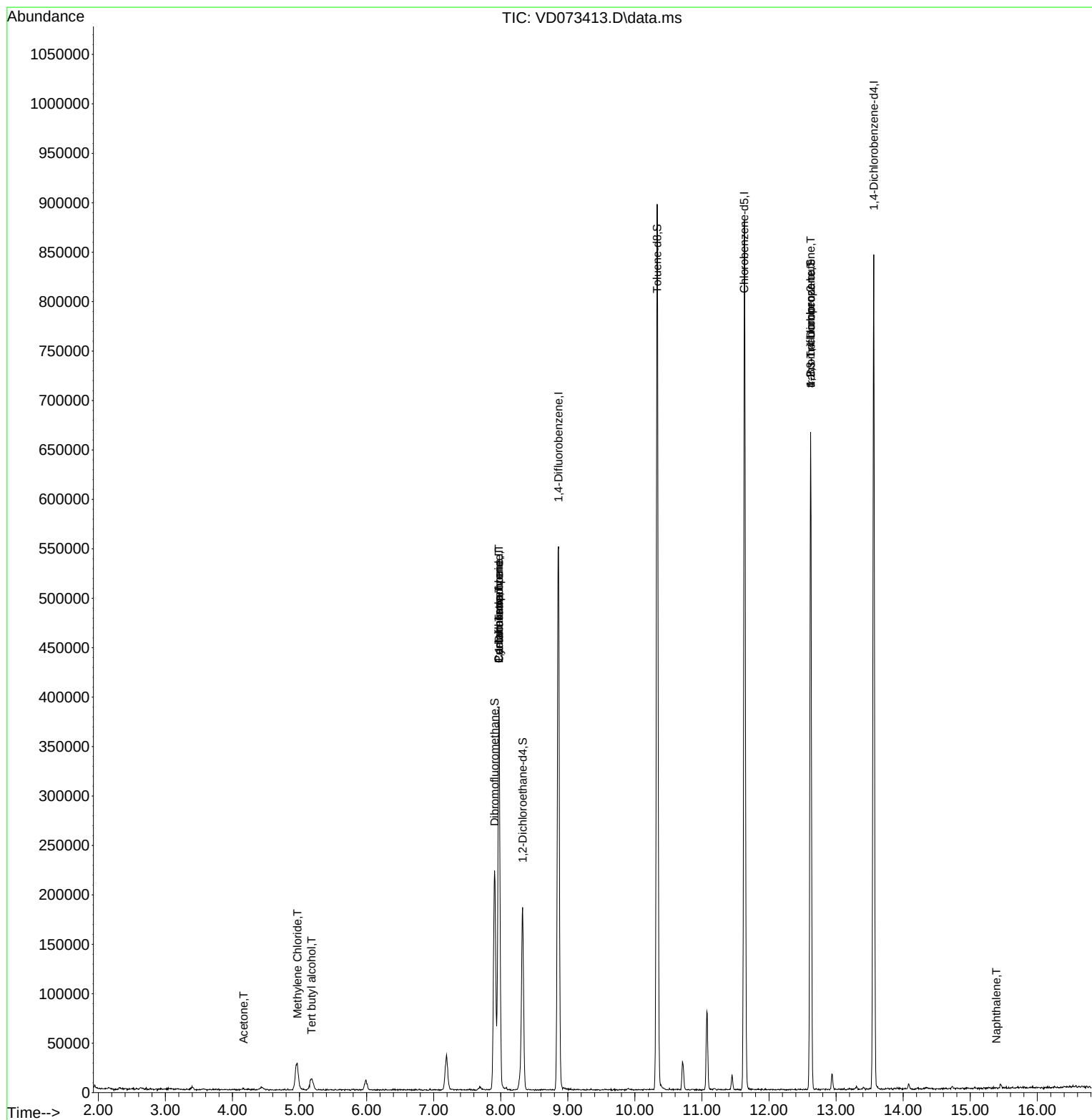
Target Compounds					Qvalue	
5) Bromomethane	2.779	94	456	Below Cal		89
11) Tert butyl alcohol	5.179	59	11991	25.170	ug/l #	74
16) Acetone	4.168	43	2061	3.875	ug/l #	83
20) Methylene Chloride	4.967	84	21990	2.745	ug/l	85
31) Cyclohexane	7.973	56	6511	1.213	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	22551	4.682	ug/l #	51
38) Carbon Tetrachloride	7.973	117	29688	6.080	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	106694	49.401	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	106694	118.597	ug/l #	7
95) Naphthalene	15.390	128	466	3.602	ug/l #	70

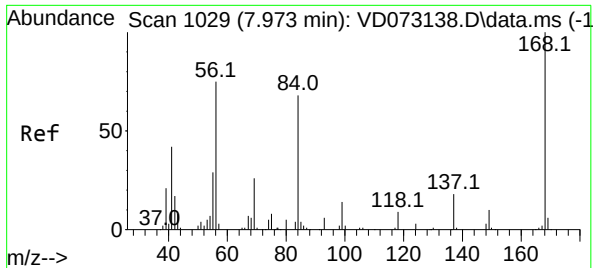
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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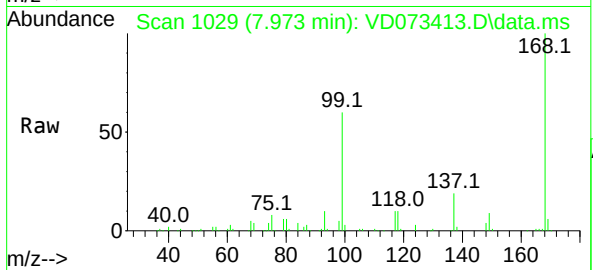
Quant Time: May 28 09:44:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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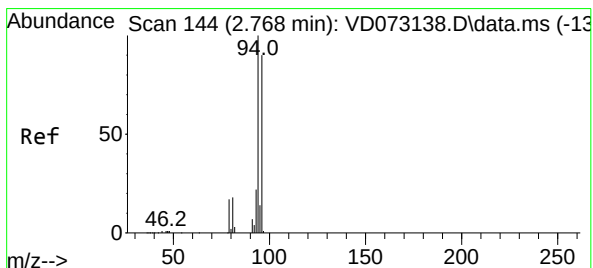
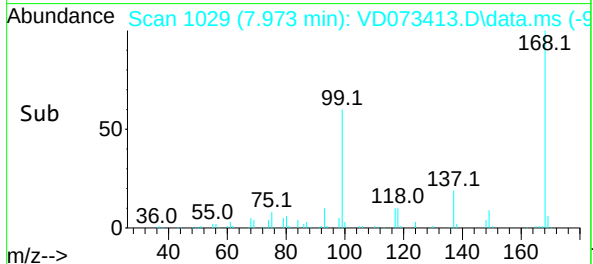
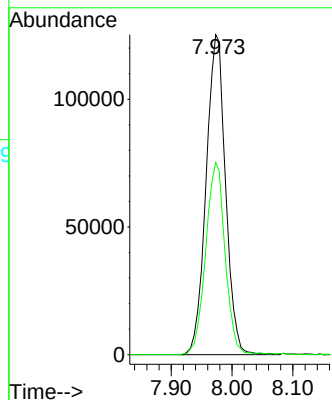


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

Instrument :
MSVOA_D
ClientSampleId :

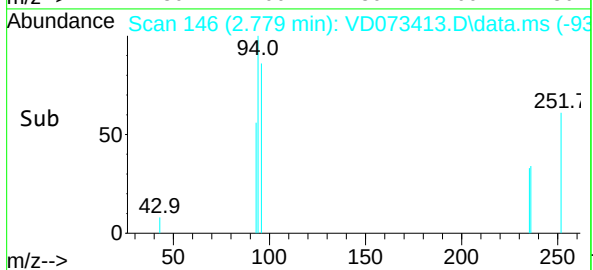
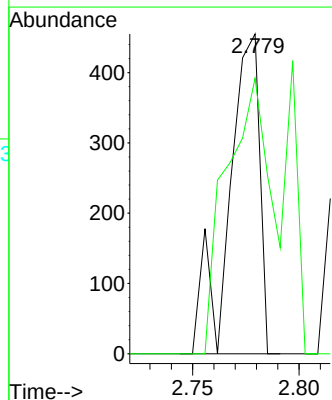
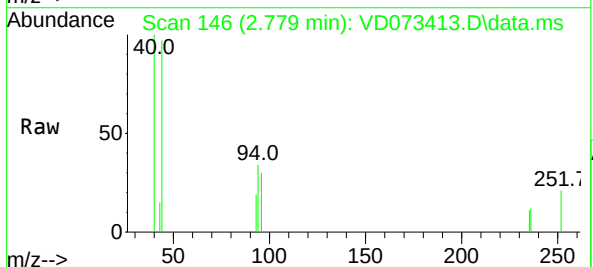


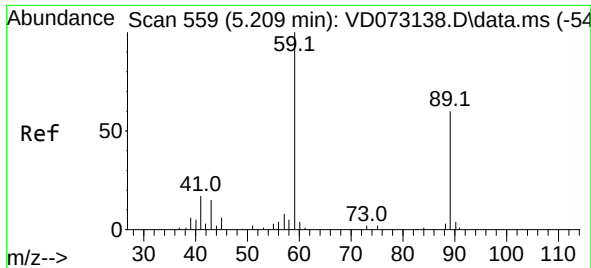
Tgt Ion:168 Resp: 277849
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 86.2 77.6 116.4

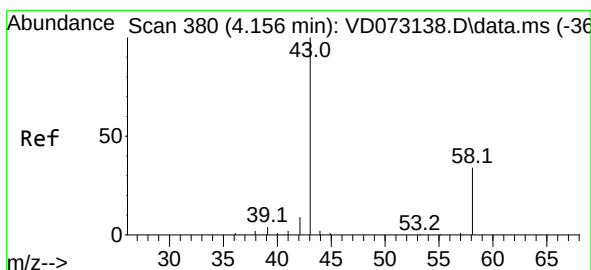
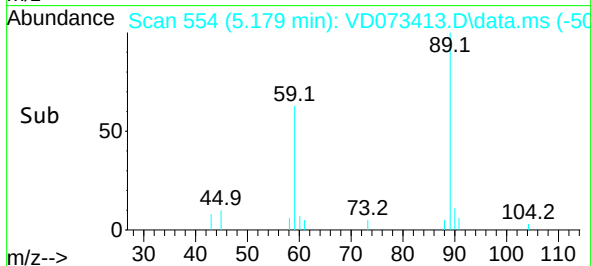
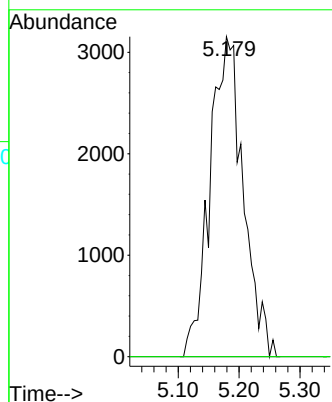
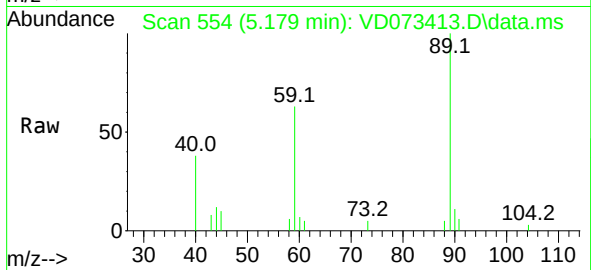




#11
Tert butyl alcohol
Concen: 25.170 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

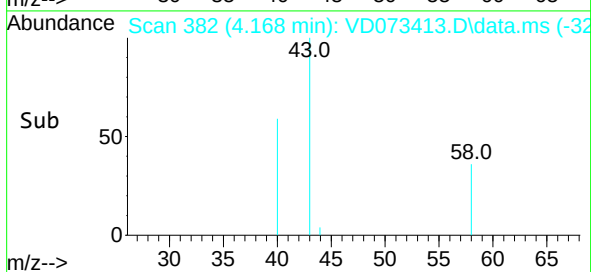
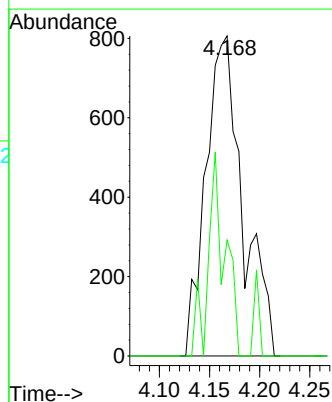
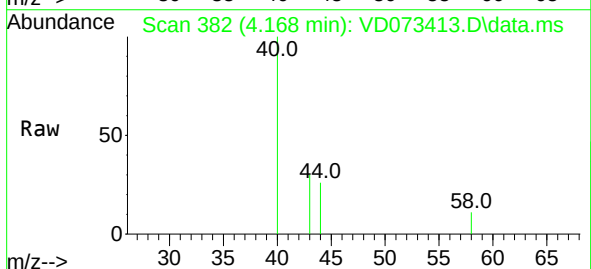
Instrument :
MSVOA_D
ClientSampleId :

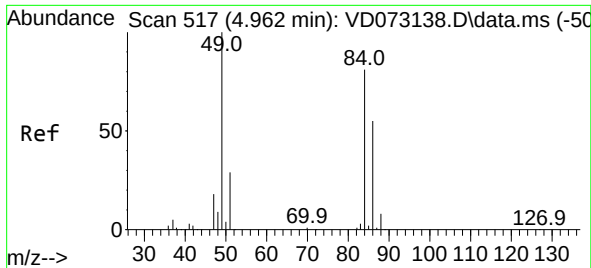
Tgt Ion: 59 Resp: 11991
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.875 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

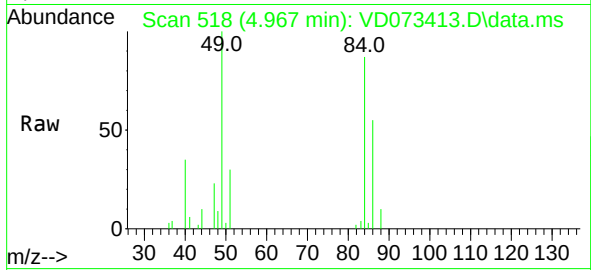
Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 36.2 22.1 33.1#



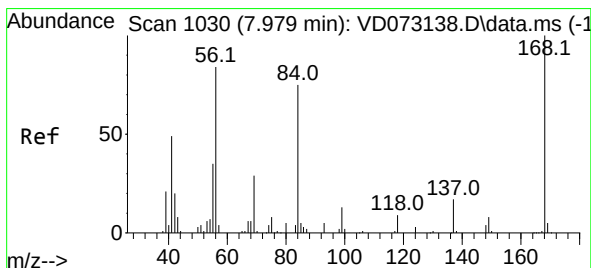
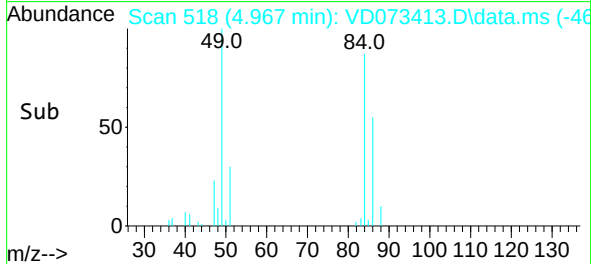
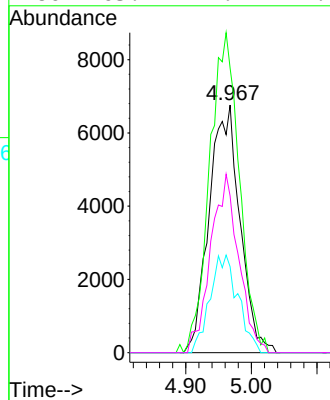


#20
Methylene Chloride
Concen: 2.745 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

Instrument :
MSVOA_D
ClientSampleId :

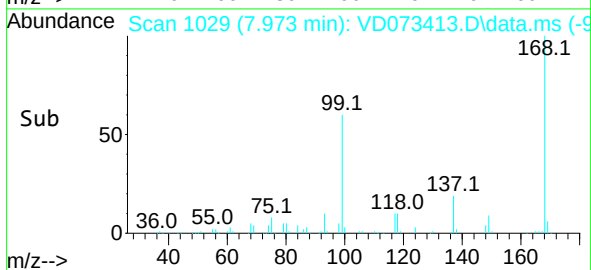
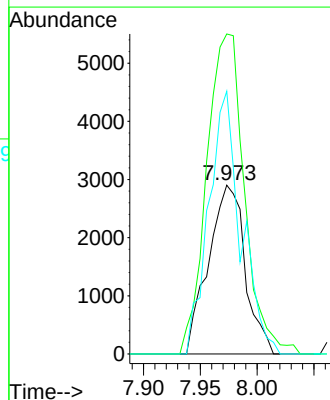
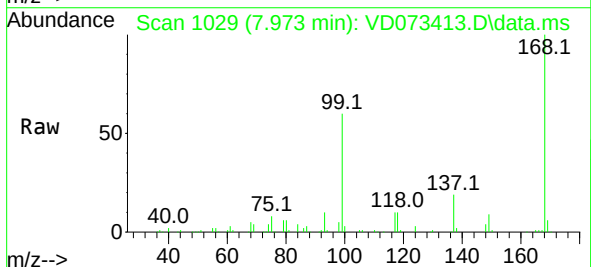


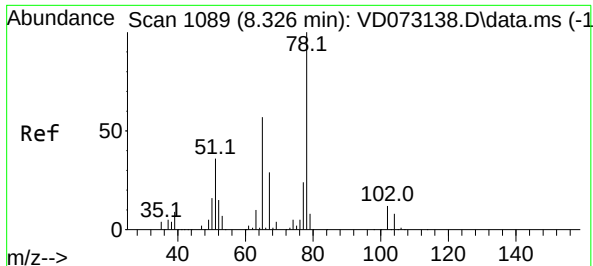
Tgt Ion:	84	Resp:	21990
Ion	Ratio	Lower	Upper
84	100		
49	114.8	112.8	169.2
51	34.7	32.6	48.8
86	63.2	47.9	71.9



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

Tgt Ion:	56	Resp:	6511
Ion	Ratio	Lower	Upper
56	100		
69	189.6	25.4	38.2#
84	155.7	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.607 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073413.D

Acq: 27 May 2022 16:09

Instrument :

MSVOA_D

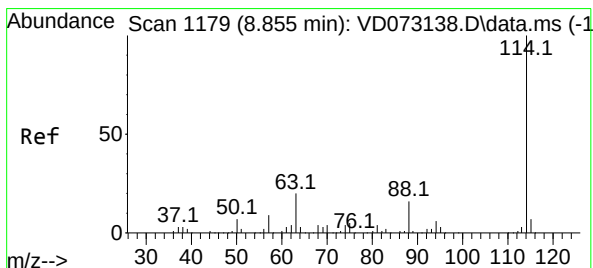
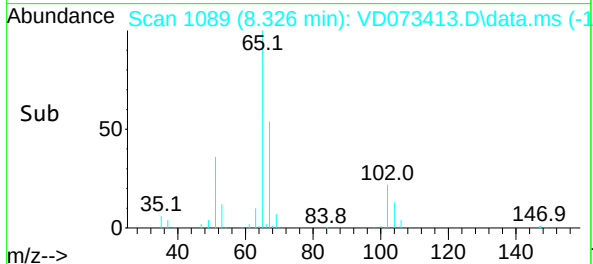
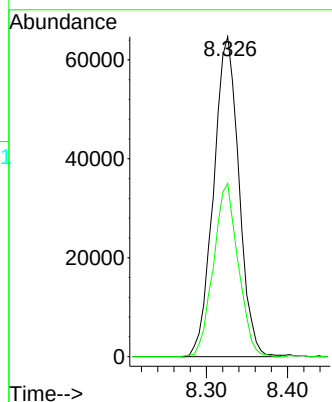
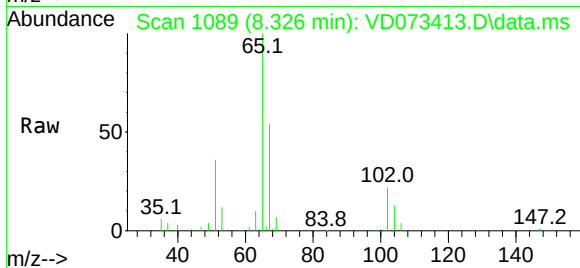
ClientSampleId :

Tgt Ion: 65 Resp: 140041

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073413.D

Acq: 27 May 2022 16:09

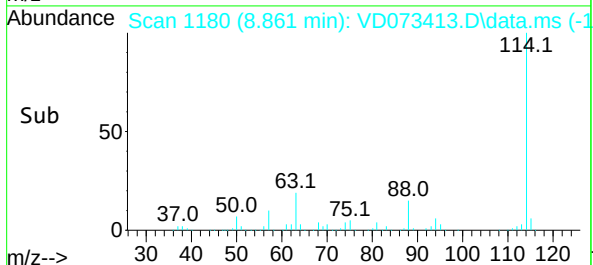
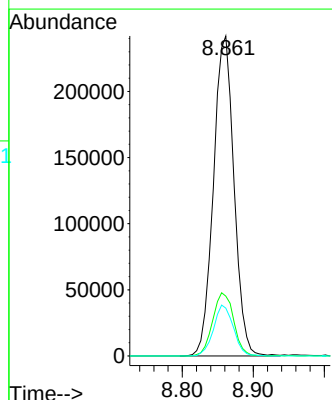
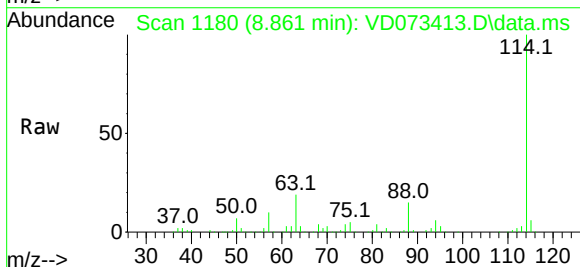
Tgt Ion: 114 Resp: 485343

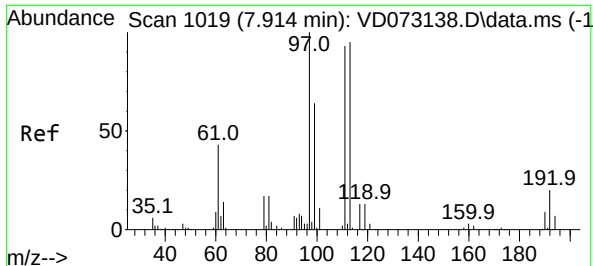
Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.860 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

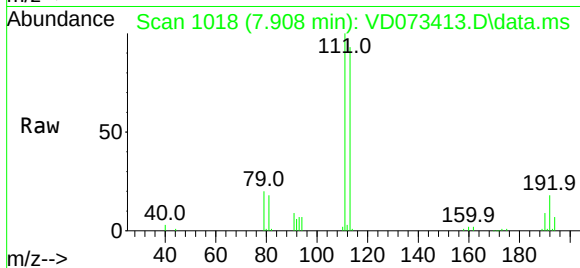
Lab File: VD073413.D

Acq: 27 May 2022 16:09

Instrument :

MSVOA_D

ClientSampleId :



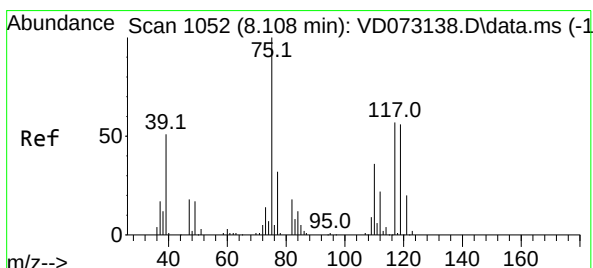
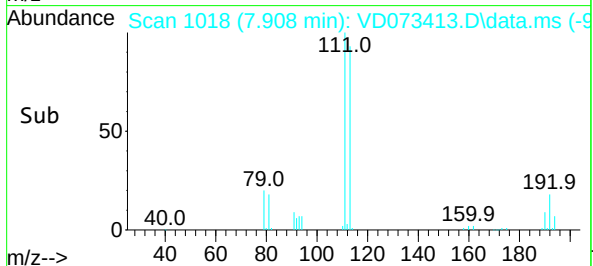
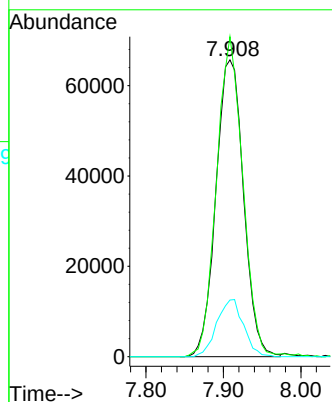
Tgt Ion:113 Resp: 162886

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.682 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073413.D

Acq: 27 May 2022 16:09

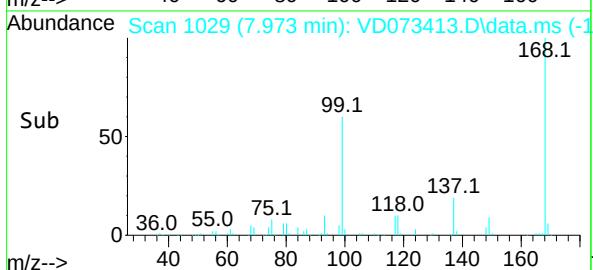
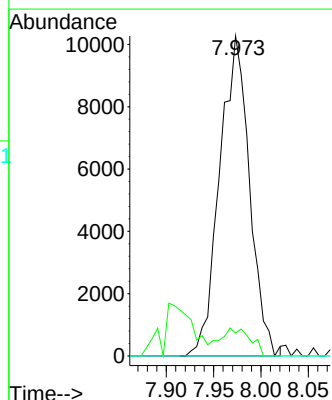
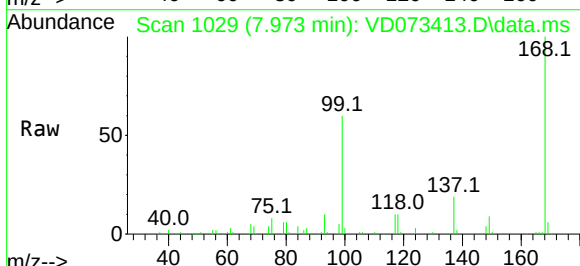
Tgt Ion: 75 Resp: 22551

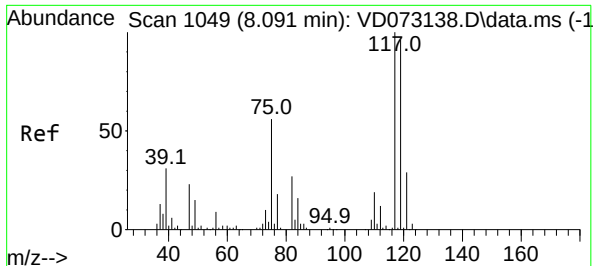
Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.1#

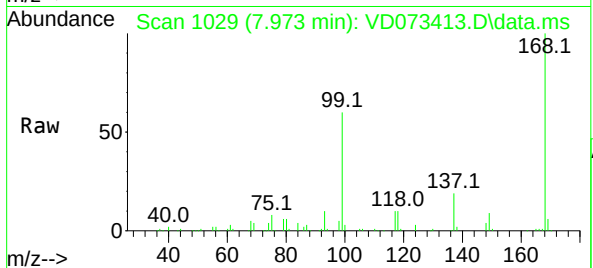
77 0.0 24.2 36.2#



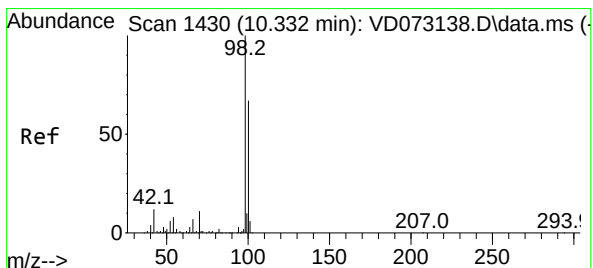
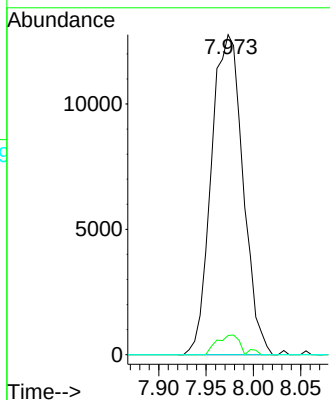
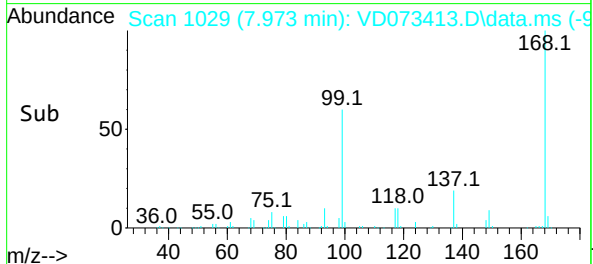


#38
Carbon Tetrachloride
Concen: 6.080 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

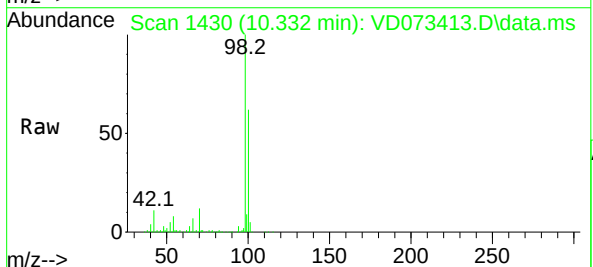
Instrument :
MSVOA_D
ClientSampleId :



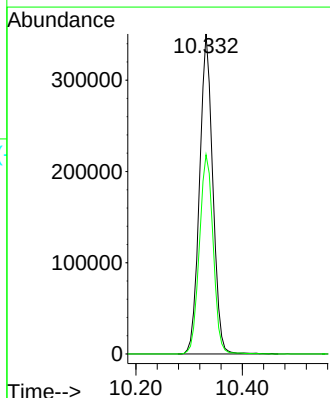
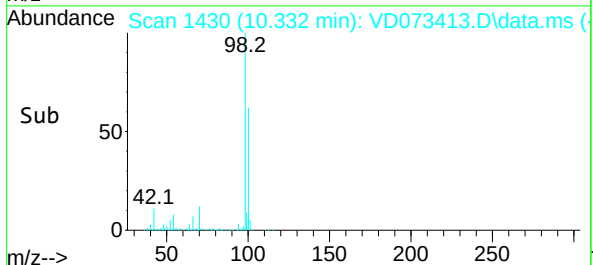
Tgt Ion:117 Resp: 29688
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.5 36.7#

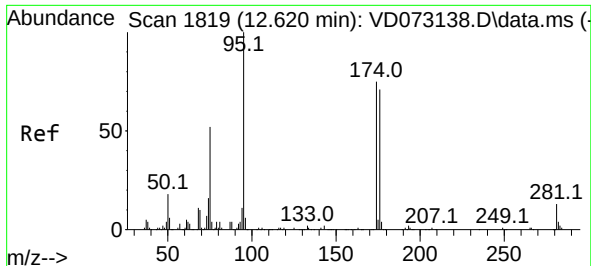


#50
Toluene-d8
Concen: 51.196 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09



Tgt Ion: 98 Resp: 604397
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

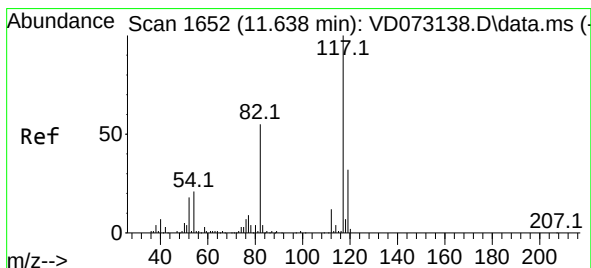
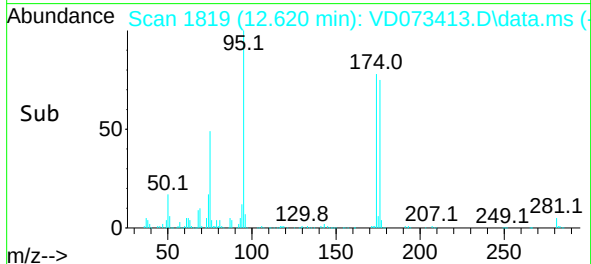
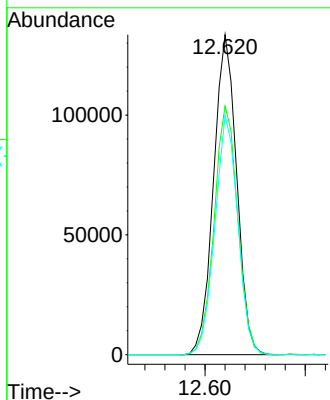
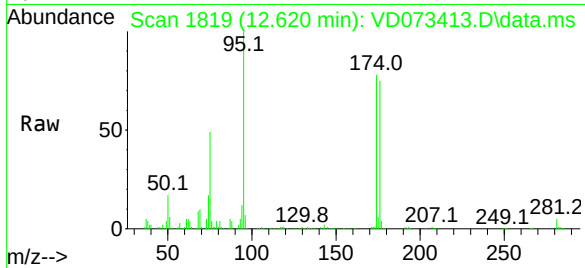




#62
4-Bromofluorobenzene
Concen: 51.452 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

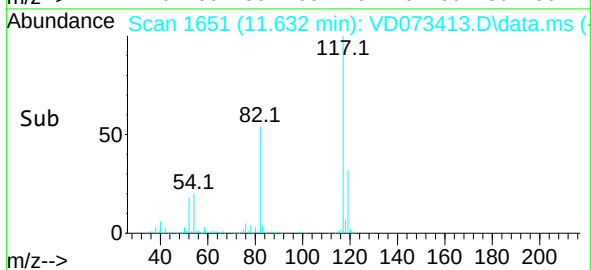
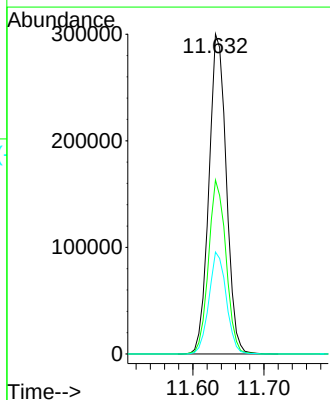
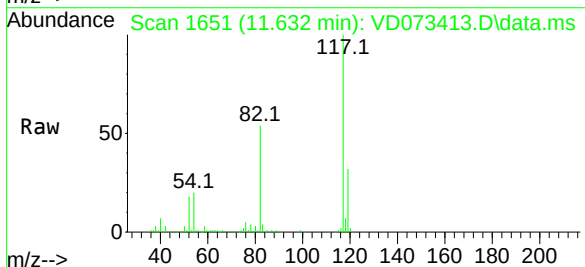
Instrument :
MSVOA_D
ClientSampleId :

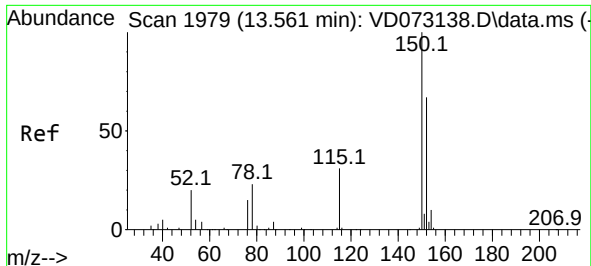
Tgt Ion: 95 Resp: 213169
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.8
176 74.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

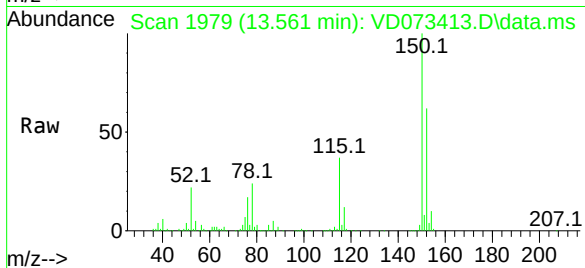
Tgt Ion: 117 Resp: 510048
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.9 26.6 40.0



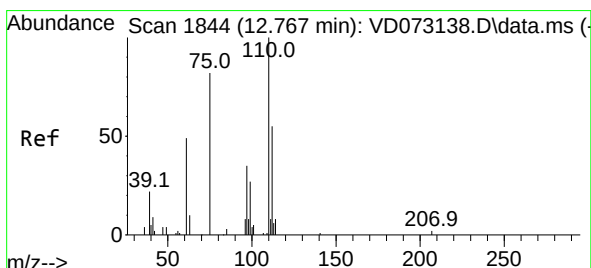
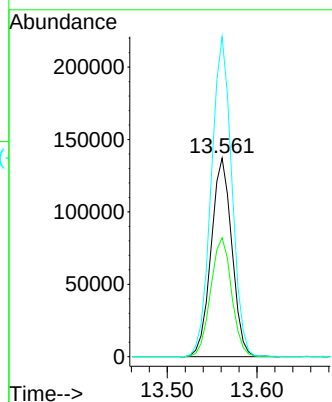
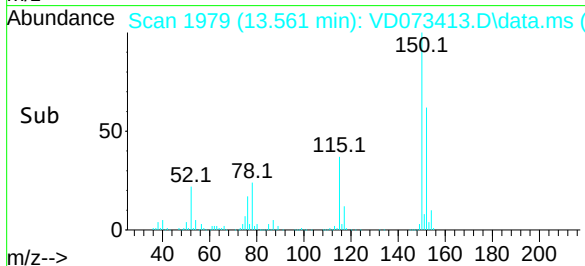


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073413.D
 Acq: 27 May 2022 16:09

Instrument :
 MSVOA_D
 ClientSampleId :

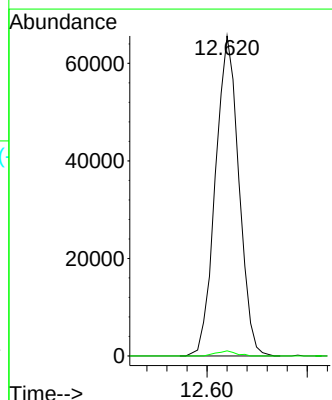
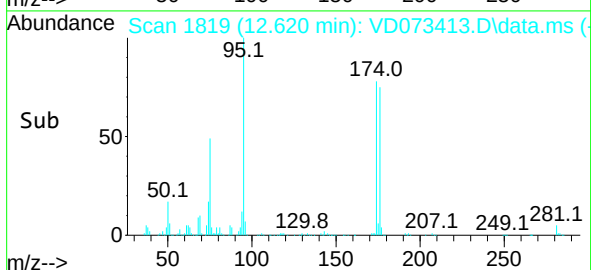
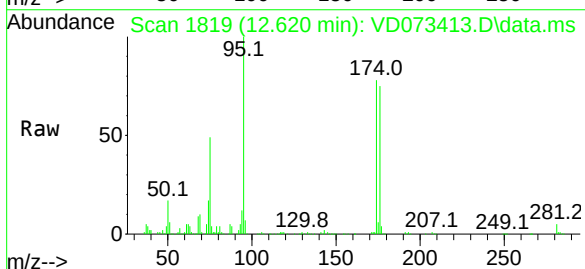


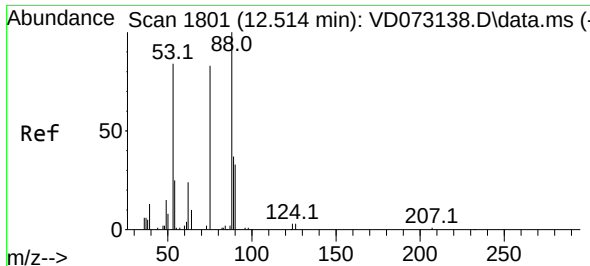
Tgt Ion:152 Resp: 220119
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.3 93.8
 150 159.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.401 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073413.D
 Acq: 27 May 2022 16:09

Tgt Ion: 75 Resp: 106694
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

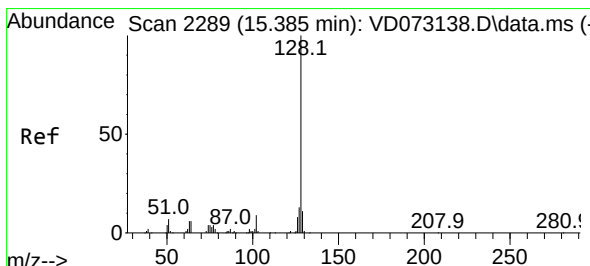
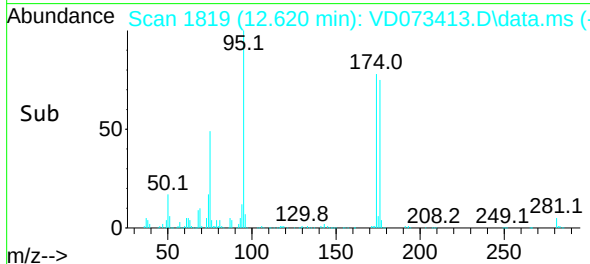
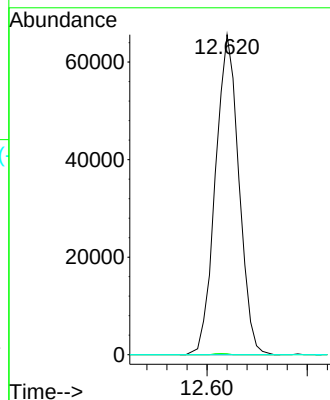
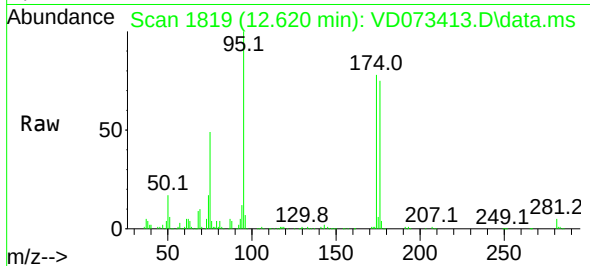




#81
trans-1,4-Dichloro-2-butene
Concen: 118.597 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 106694
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.602 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD073413.D
Acq: 27 May 2022 16:09

Tgt Ion: 128 Resp: 466
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

