

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069365.D
 Acq On : 07 Jun 2021 13:51
 Operator : VA/SY
 Sample : M2611-02RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1ARE

Quant Time: Jun 08 04:22:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	8738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	12838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	13285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5284	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7230	86.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.46%#
35) Dibromofluoromethane	7.914	113	3581	44.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.84%
50) Toluene-d8	10.332	98	15856	54.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.18%
62) 4-Bromofluorobenzene	12.632	95	4362	45.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.82%

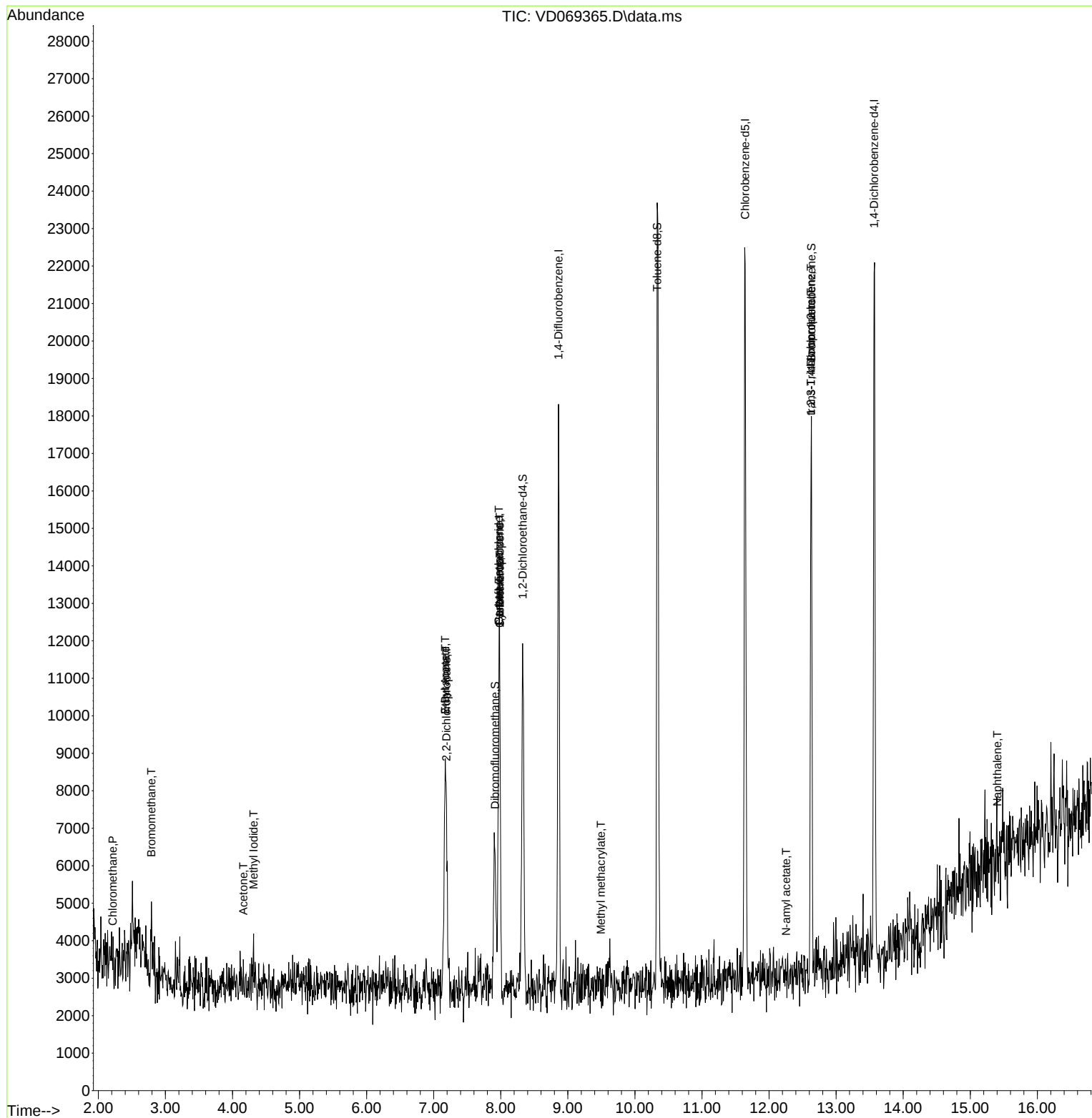
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.215	50	649	9.35	ug/l #	41
5) Bromomethane	2.791	94	1233	23.89	ug/l #	67
10) Methyl Iodide	4.314	142	703	9.26	ug/l #	66
11) Tert butyl alcohol	5.191	59	64	Below Cal	#	73
16) Acetone	4.162	43	189	12.92	ug/l #	40
20) Methylene Chloride	4.973	84	146	Below Cal	#	11
25) 2-Butanone	7.173	43	73	3.79	ug/l #	45
26) 2,2-Dichloropropane	7.191	77	207	1.32	ug/l #	51
31) Cyclohexane	7.985	56	237	1.78	ug/l #	36
36) 1,1-Dichloropropene	7.985	75	860	6.89	ug/l #	41
37) Ethyl Acetate	7.173	43	73	1.72	ug/l #	1
38) Carbon Tetrachloride	7.973	117	519	3.85	ug/l #	11
48) Methyl methacrylate	9.491	41	57	1.59	ug/l #	9
74) N-amyl acetate	12.255	43	68	1.06	ug/l #	37
76) 1,2,3-Trichloropropane	12.626	75	2737	59.62	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	2737	132.11	ug/l #	18
95) Naphthalene	15.402	128	57	3.60	ug/l #	69

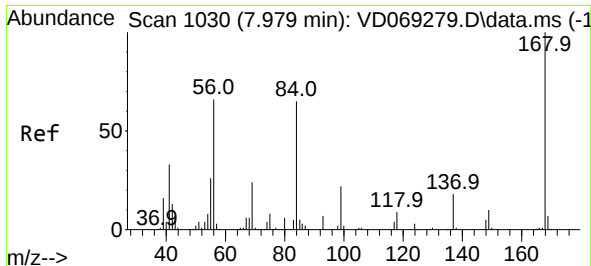
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
Data File : VD069365.D
Acq On : 07 Jun 2021 13:51
Operator : VA/SY
Sample : M2611-02RE
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

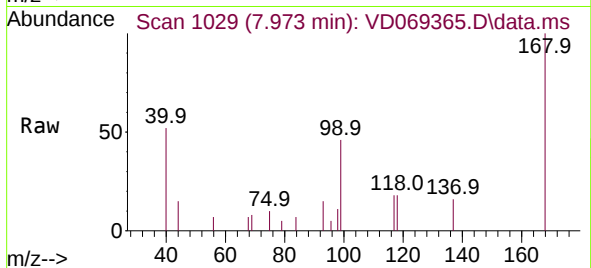
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration



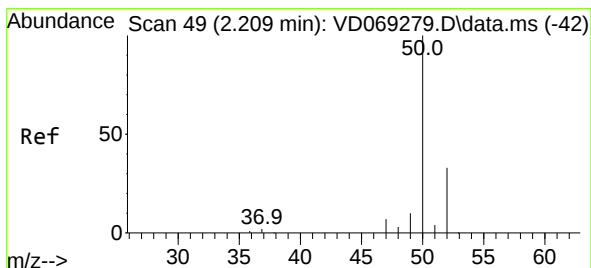
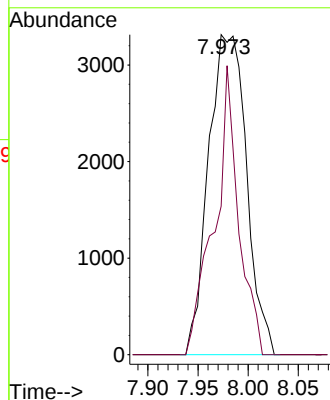
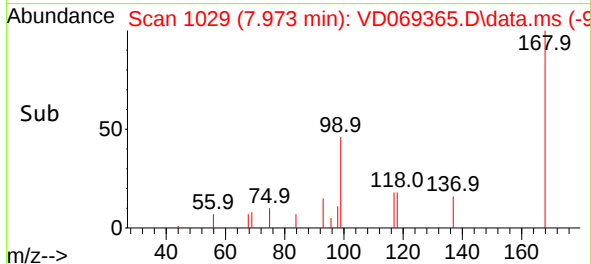


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

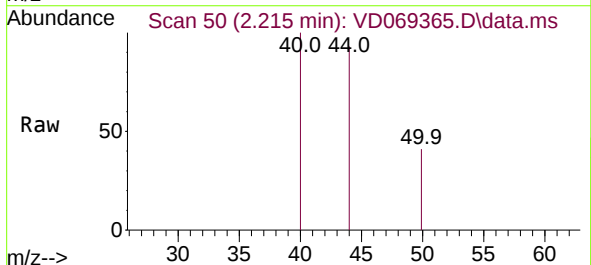
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MSVOA_D
ClientSampleId :
T-1ARE



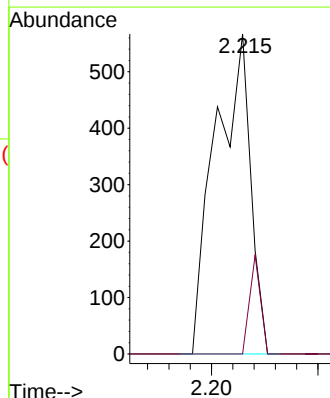
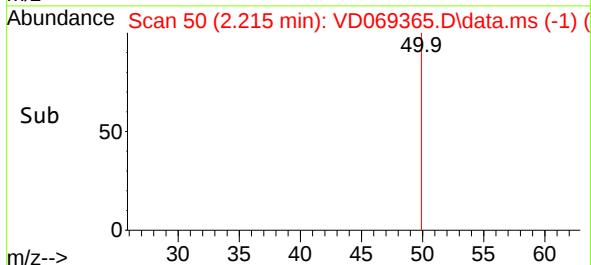
Tgt Ion:168 Resp: 8738
Ion Ratio Lower Upper
168 100
99 46.4 46.2 69.2

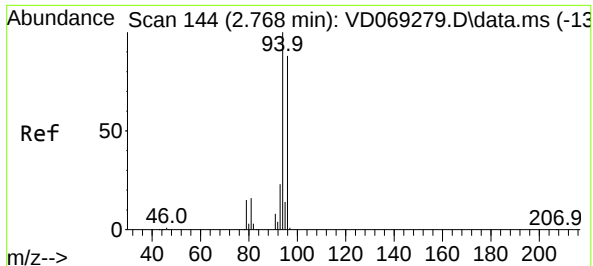


#3
Chloromethane
Concen: 9.35 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51



Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

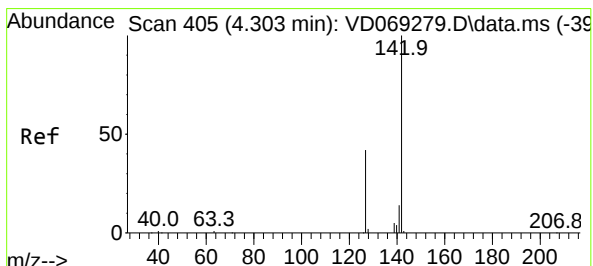
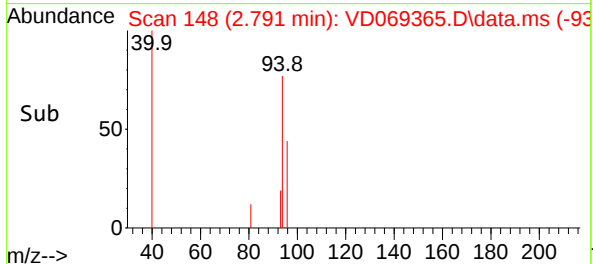
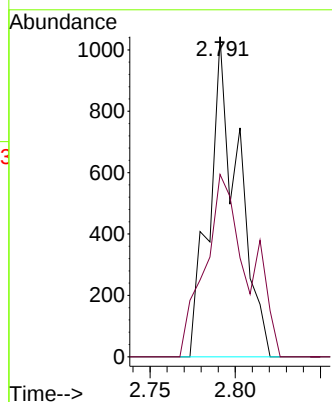
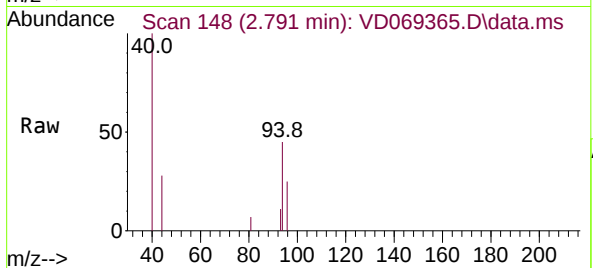




#5
Bromomethane
Concen: 23.89 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

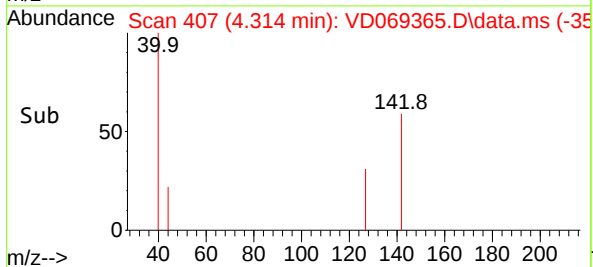
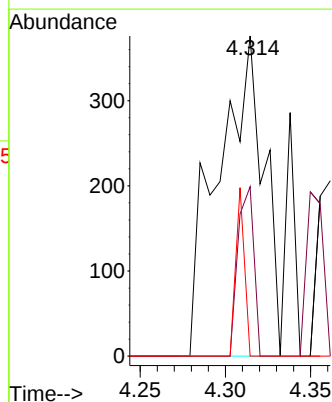
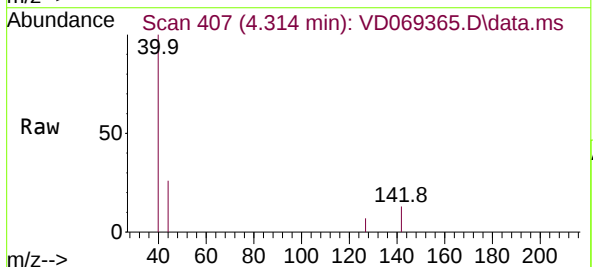
Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

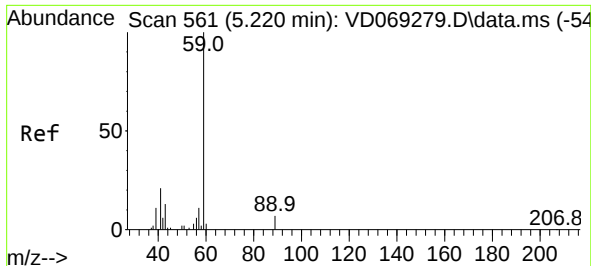
Tgt Ion: 94 Resp: 1233
Ion Ratio Lower Upper
94 100
96 57.0 70.3 105.5#



#10
Methyl Iodide
Concen: 9.26 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion: 142 Resp: 703
Ion Ratio Lower Upper
142 100
127 18.3 36.2 54.2#
141 10.0 12.2 18.2#



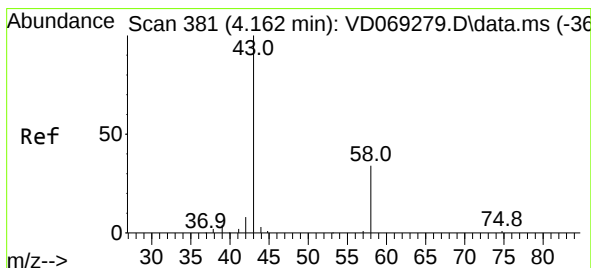
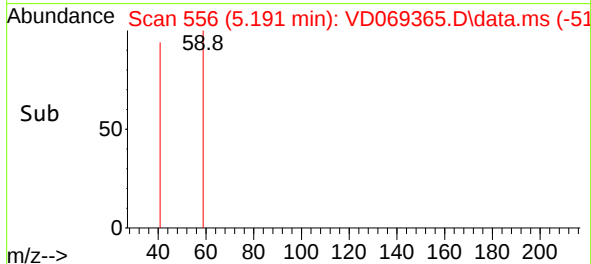
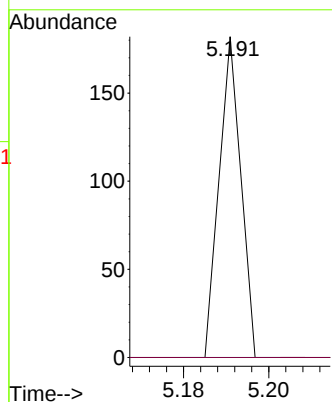
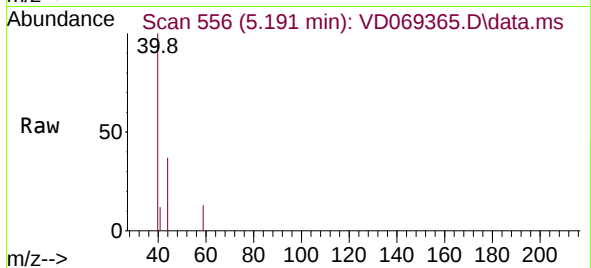


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

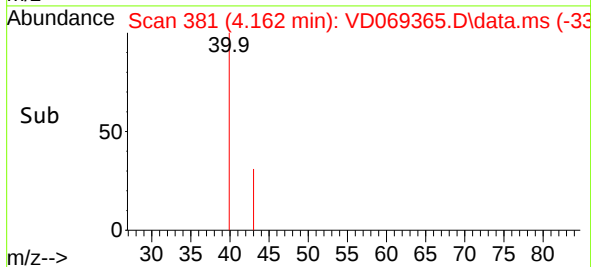
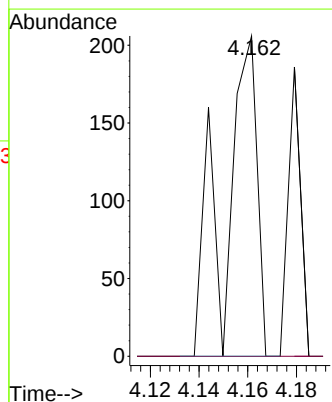
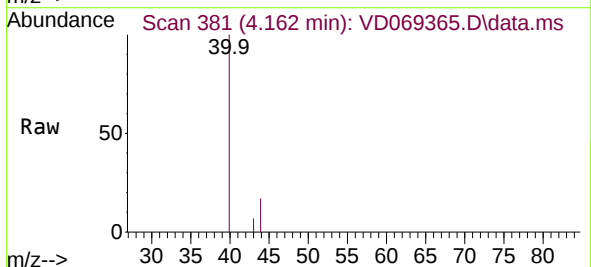
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

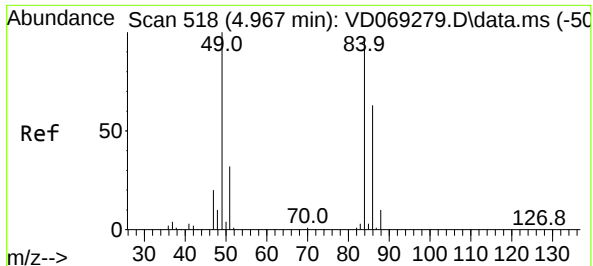


#16

Acetone
Concen: 12.92 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#

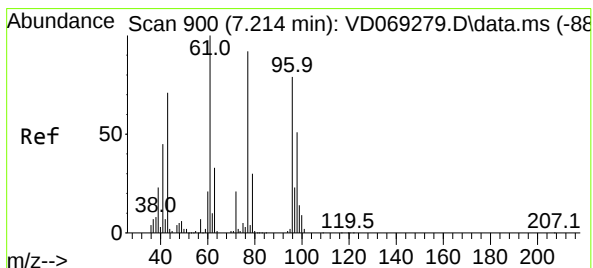
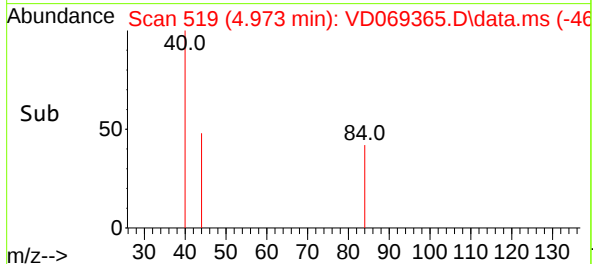
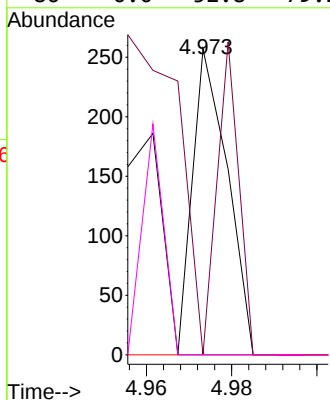
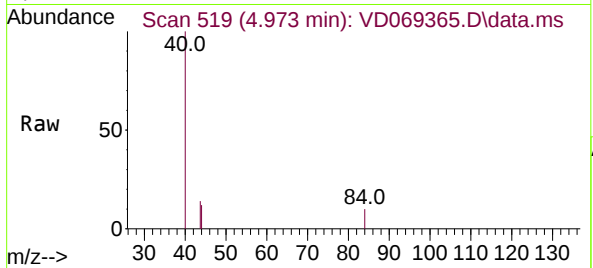




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

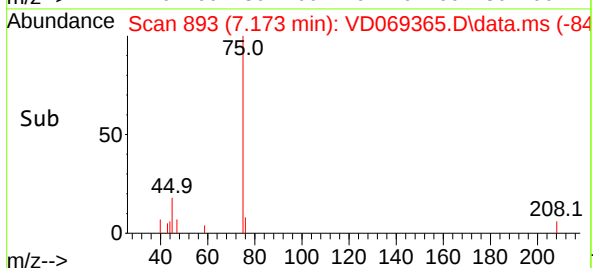
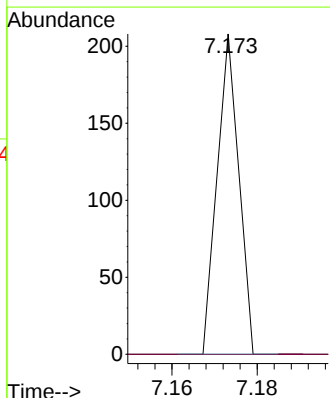
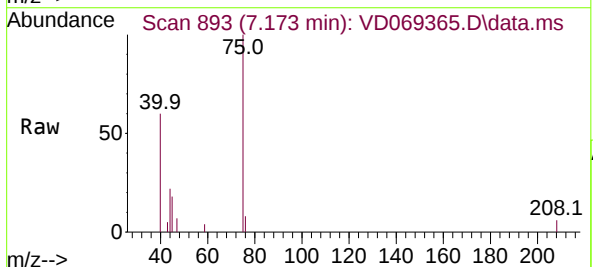
Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

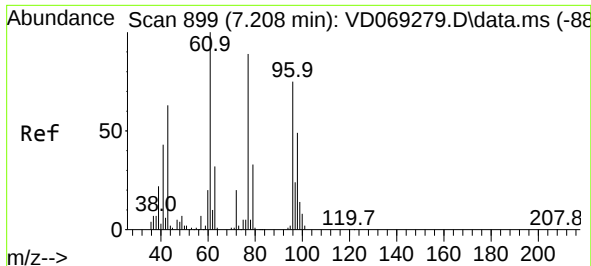
Tgt Ion: 84	Resp: 146
Ion Ratio	Lower Upper
84 100	
49 0.0	83.7 125.5#
51 0.0	26.4 39.6#
86 0.0	52.8 79.2#



#25
2-Butanone
Concen: 3.79 ug/l
RT: 7.173 min Scan# 893
Delta R.T. -0.041 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

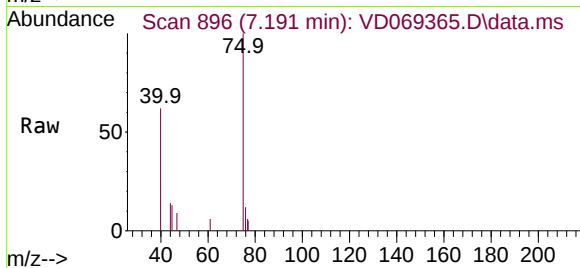
Tgt Ion: 43	Resp: 73
Ion Ratio	Lower Upper
43 100	
72 0.0	23.9 35.9#



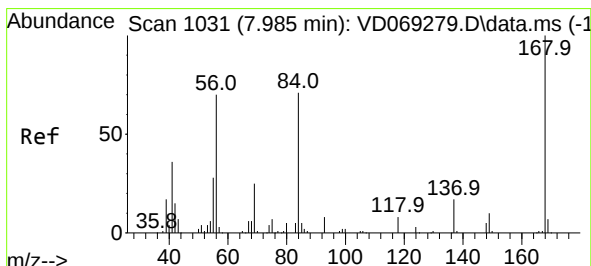
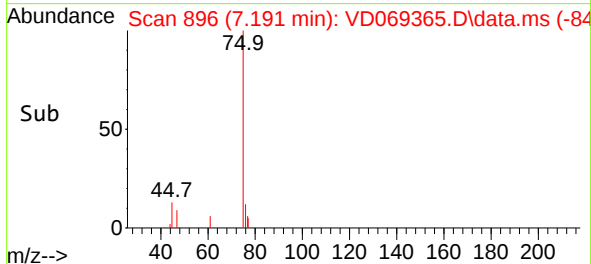
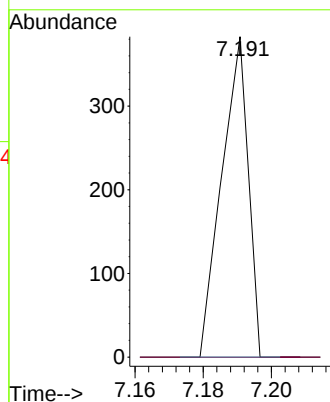


#26
2,2-Dichloropropane
Concen: 1.32 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Instrument :
MSVOA_D
ClientSampled :
T-1ARE

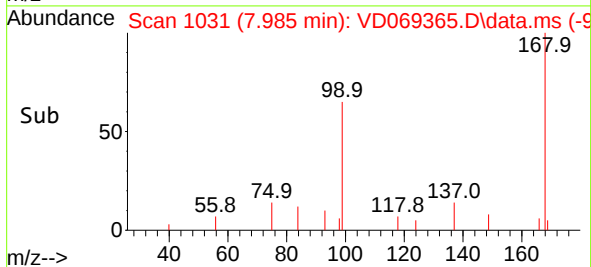
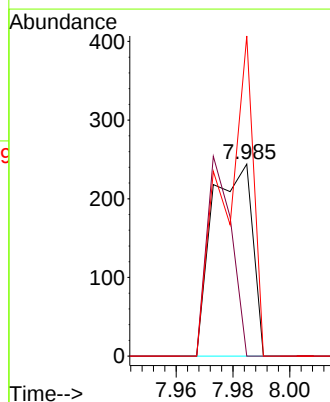
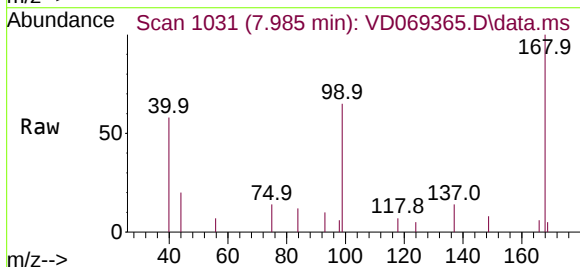


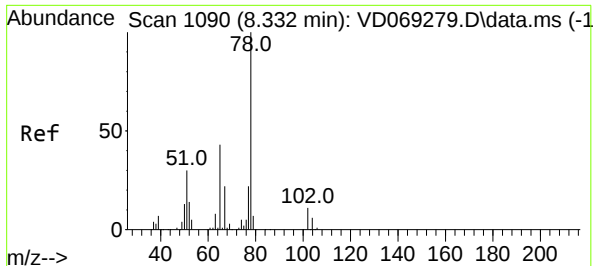
Tgt Ion: 77 Resp: 207
Ion Ratio Lower Upper
77 100
97 0.0 12.1 36.3#



#31
Cyclohexane
Concen: 1.78 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion: 56 Resp: 237
Ion Ratio Lower Upper
56 100
69 0.0 29.0 43.4#
84 166.8 81.1 121.7#

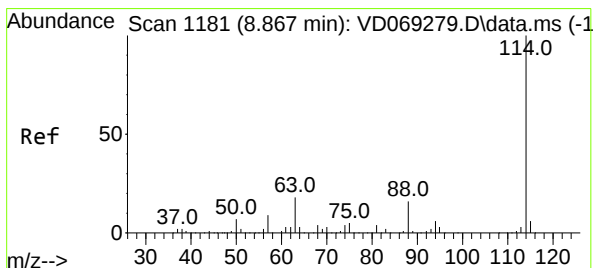
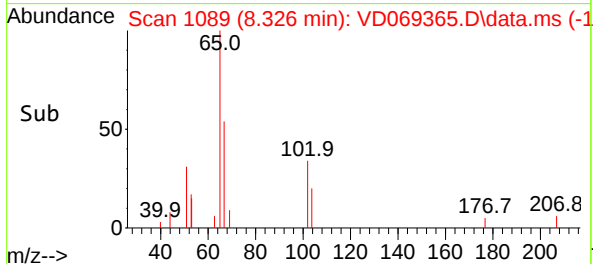
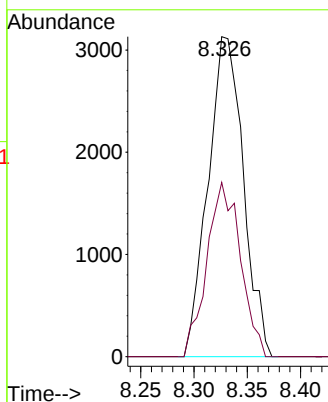
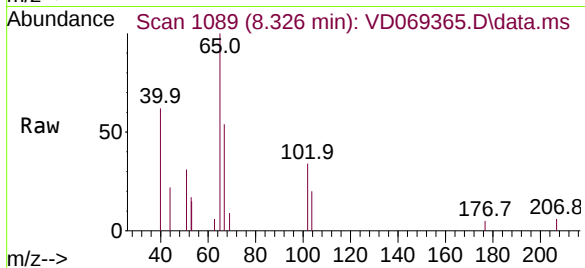




#33
1,2-Dichloroethane-d4
Concen: 86.23 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

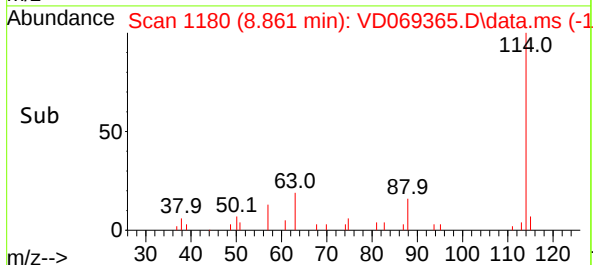
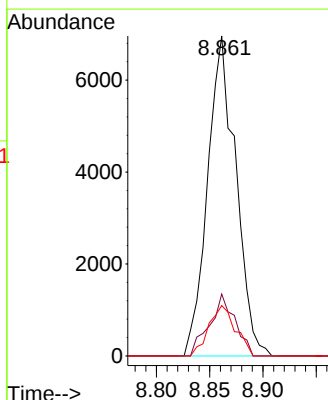
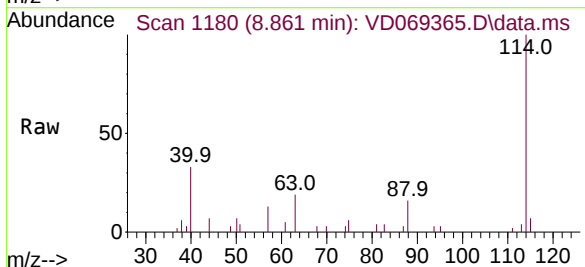
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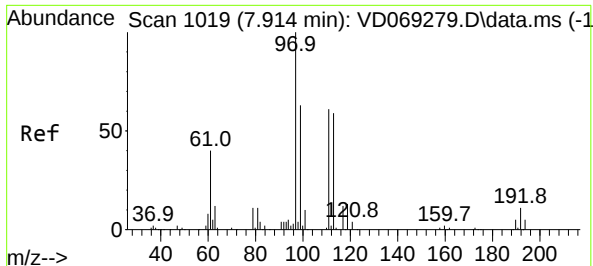
Tgt Ion: 65 Resp: 7230
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion: 114 Resp: 12838
Ion Ratio Lower Upper
114 100
63 19.3 0.0 35.6
88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.42 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069365.D

Acq: 07 Jun 2021 13:51

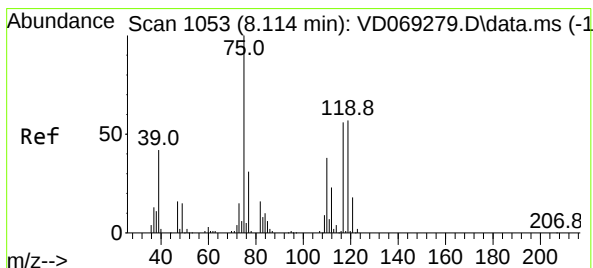
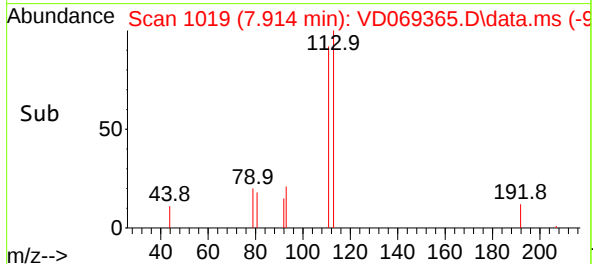
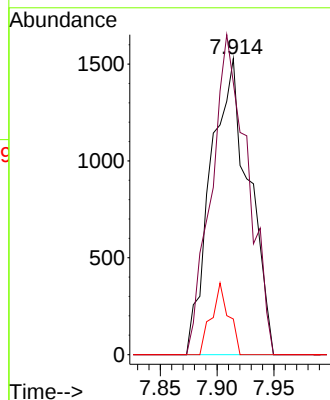
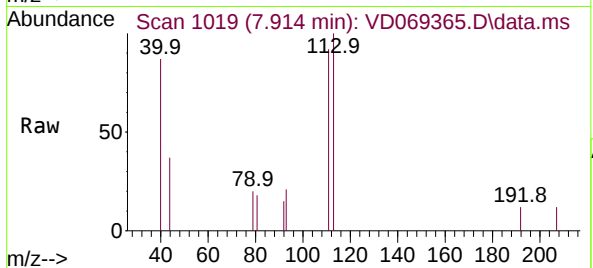
Tgt Ion:113 Resp: 3581

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

192 11.0 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 6.89 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD069365.D

Acq: 07 Jun 2021 13:51

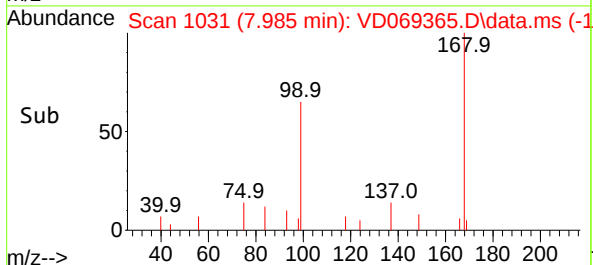
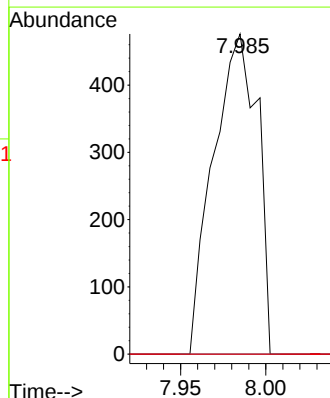
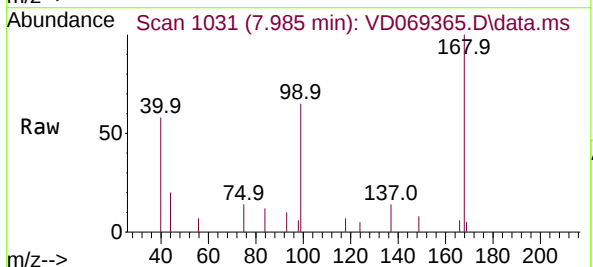
Tgt Ion: 75 Resp: 860

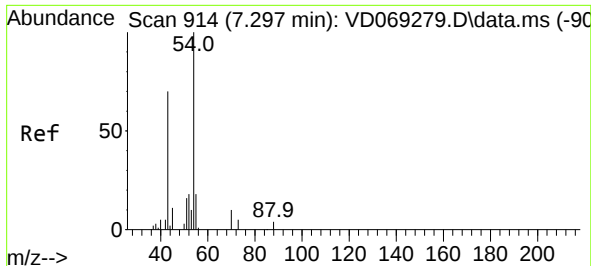
Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.2#

77 0.0 24.9 37.3#

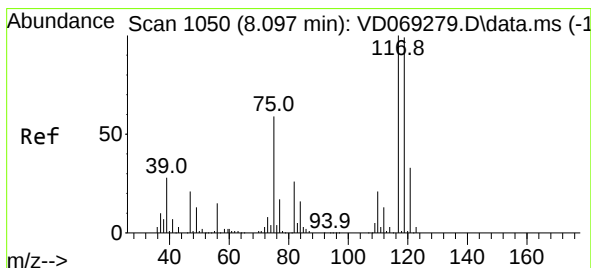
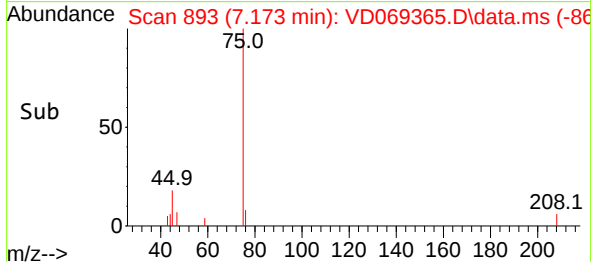
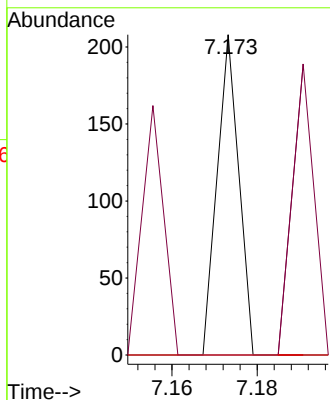
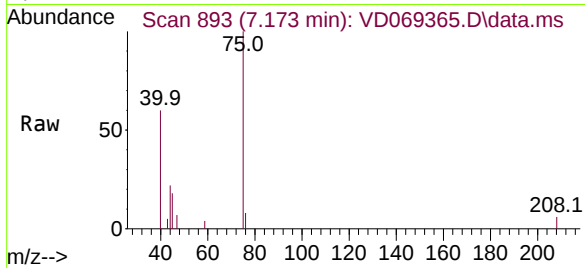




#37
Ethyl Acetate
Concen: 1.72 ug/l
RT: 7.173 min Scan# 893
Delta R.T. -0.124 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

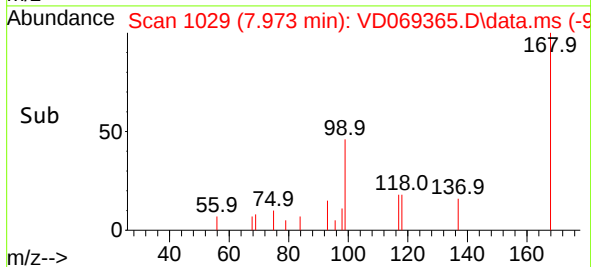
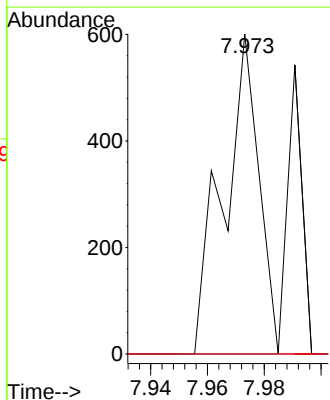
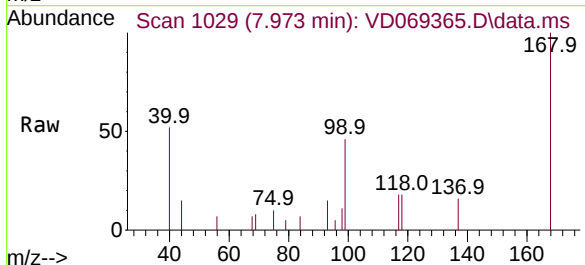
Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

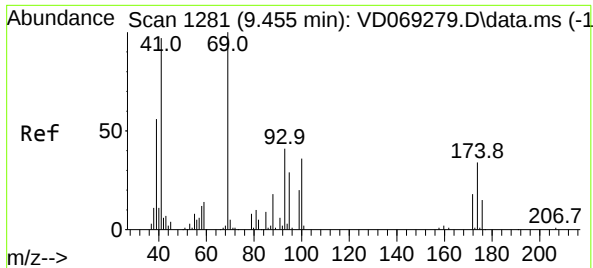
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
61 174.0 11.0 16.6#
70 0.0 9.7 14.5#



#38
Carbon Tetrachloride
Concen: 3.85 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion: 117 Resp: 519
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

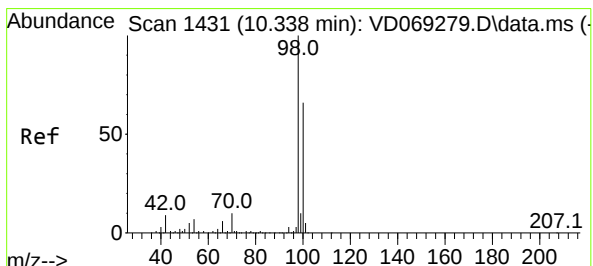
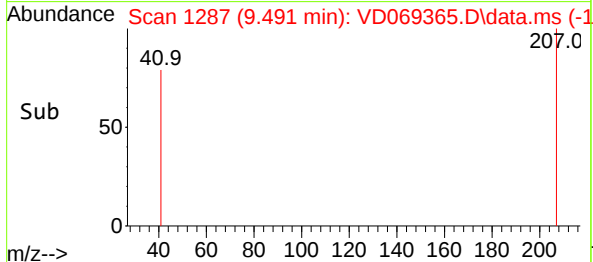
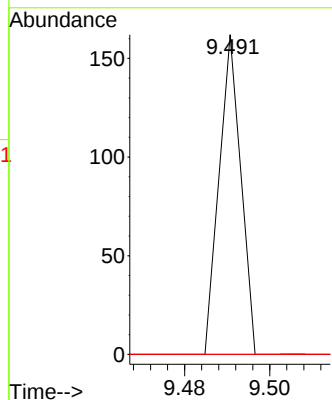
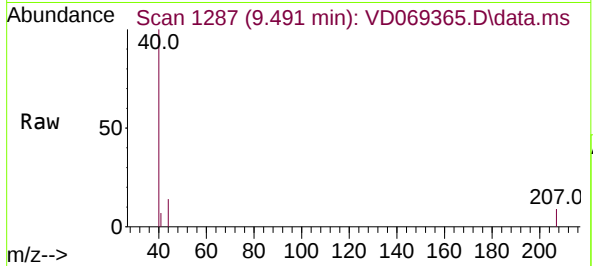




#48
Methyl methacrylate
Concen: 1.59 ug/l
RT: 9.491 min Scan# 1287
Delta R.T. 0.035 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

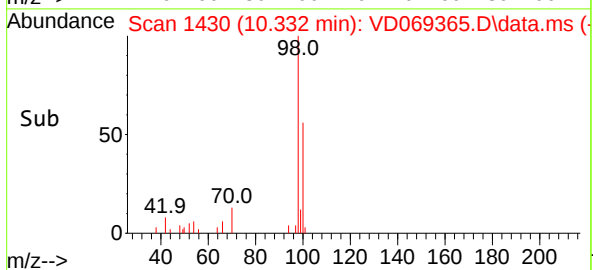
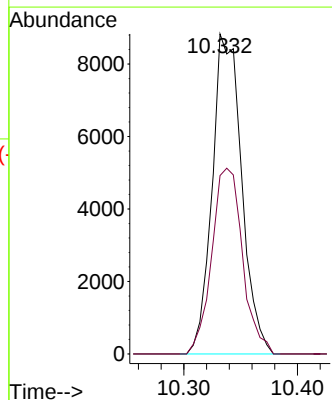
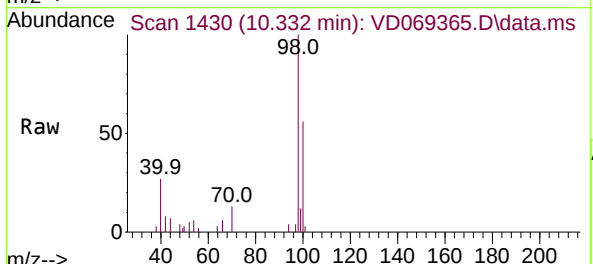
Instrument :
MSVOA_D
ClientSampled :
T-1ARE

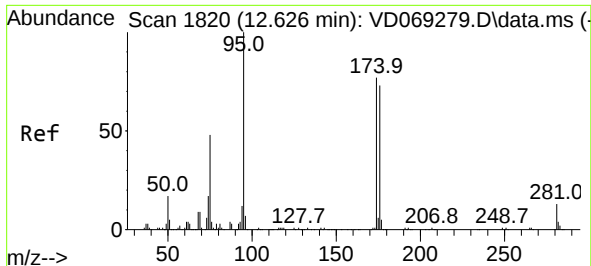
Tgt Ion: 41	Resp: 57
Ion Ratio	Lower Upper
41	100
69	0.0 77.6 116.4#
39	0.0 45.3 67.9#



#50
Toluene-d8
Concen: 54.09 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion: 98	Resp: 15856
Ion Ratio	Lower Upper
98	100
100	60.8 52.1 78.1

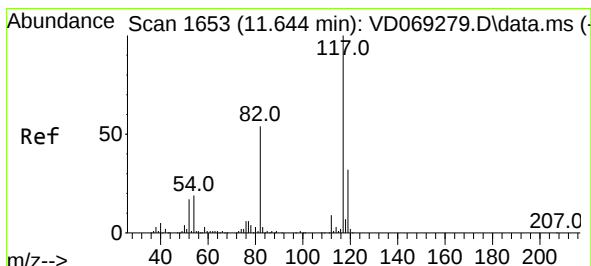
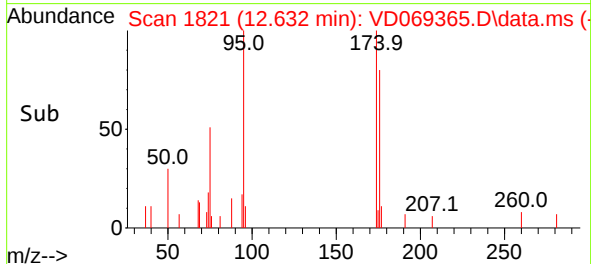
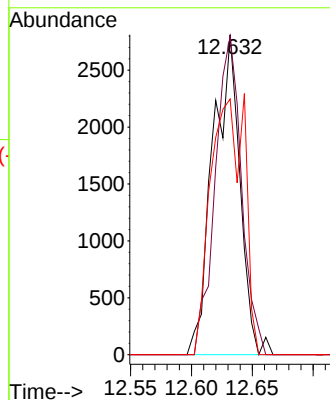
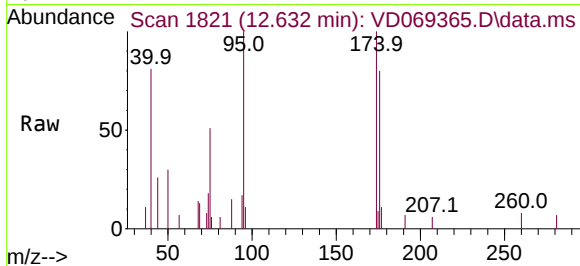




#62
4-Bromofluorobenzene
Concen: 45.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

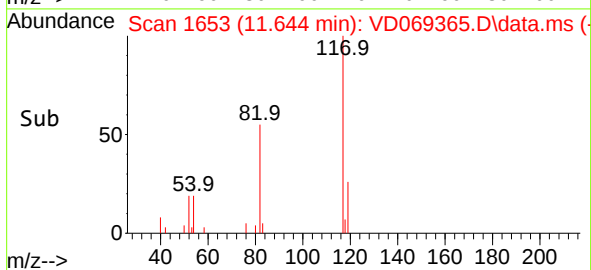
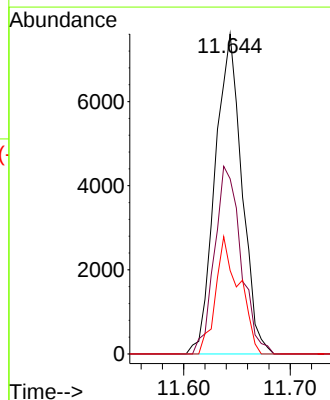
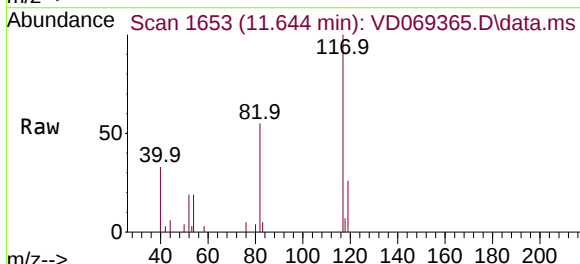
Instrument :
MSVOA_D
ClientSampled :
T-1ARE

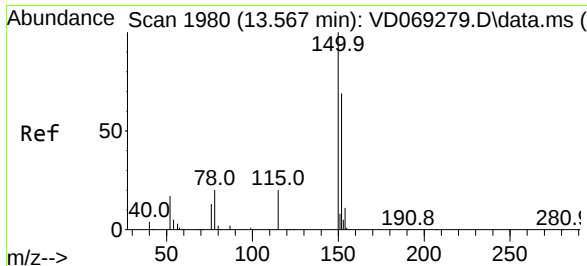
Tgt Ion:	95	Resp:	4362
Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	162.8
176	100.5	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion:	117	Resp:	13285
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.3	64.9
119	26.1	25.3	37.9

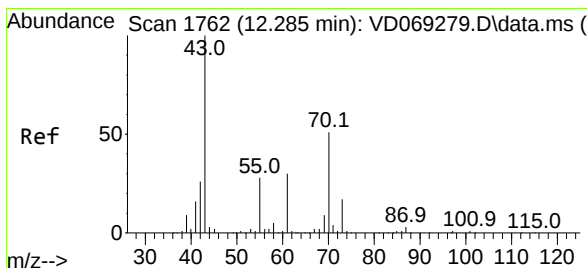
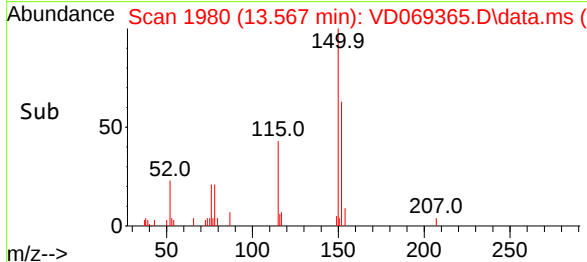
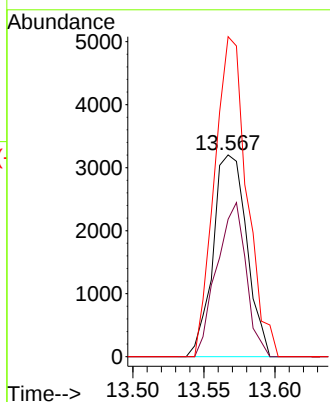
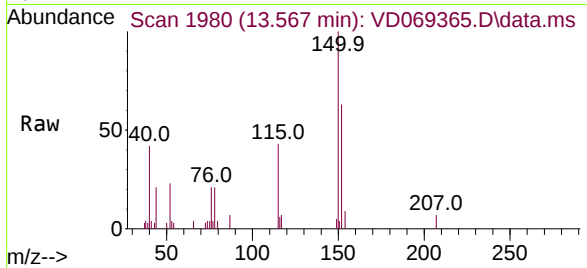




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

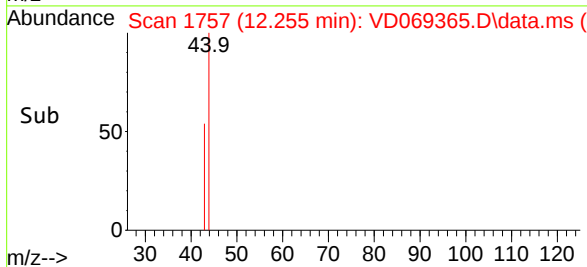
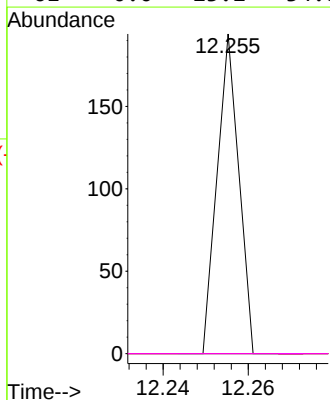
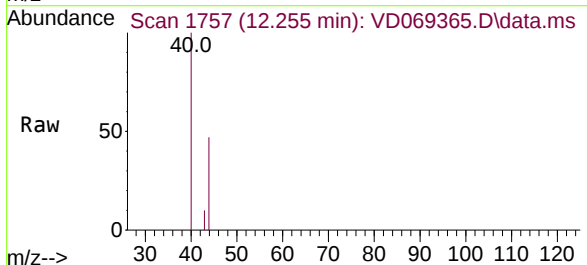
Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

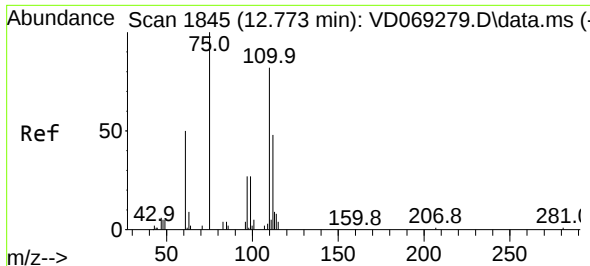
Tgt Ion:	152	Resp:	5284
Ion	Ratio	Lower	Upper
152	100		
115	66.3	29.4	88.3
150	152.6	0.0	355.0



#74
N-ethyl acetate
Concen: 1.06 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.029 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion:	43	Resp:	68
Ion	Ratio	Lower	Upper
43	100		
70	0.0	40.9	61.3#
55	0.0	23.4	35.0#
61	0.0	23.2	34.8#

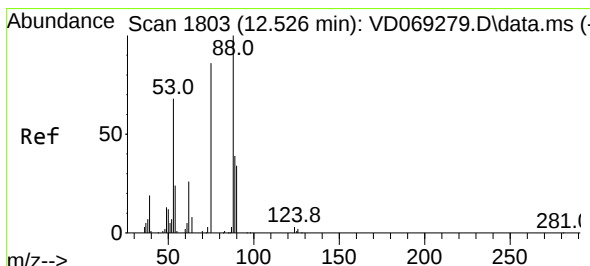
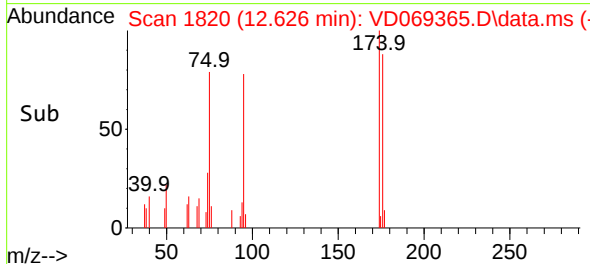
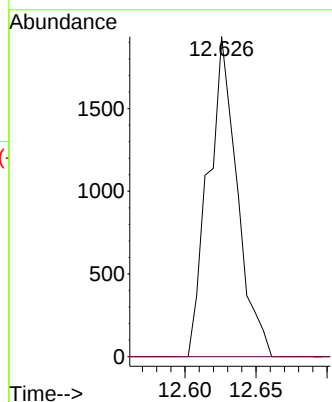
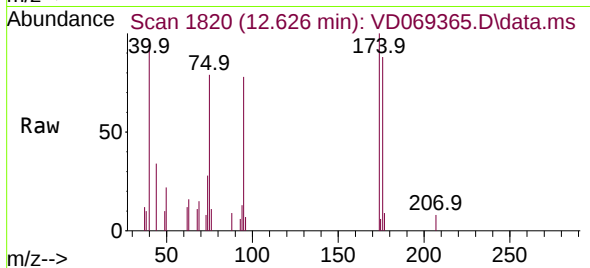




#76
1,2,3-Trichloropropane
Concen: 59.62 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

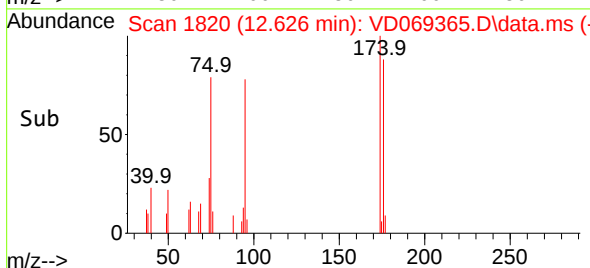
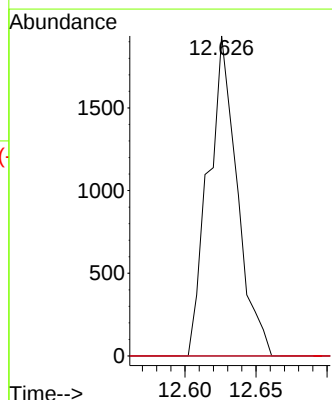
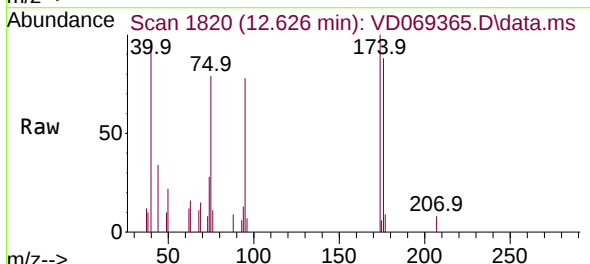
Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

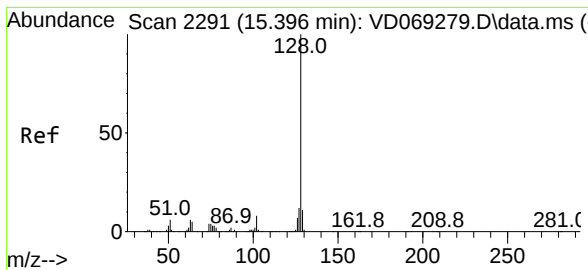
Tgt Ion: 75 Resp: 2737
Ion Ratio Lower Upper
75 100
77 0.0 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.11 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Tgt Ion: 75 Resp: 2737
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.60 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069365.D
Acq: 07 Jun 2021 13:51

Instrument :
MSVOA_D
ClientSampleId :
T-1ARE

Tgt Ion:128	Resp:	57
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.4 15.6#
129	0.0	8.8 13.2#

