

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070463.D
 Acq On : 24 Sep 2021 19:08
 Operator : VA/SY
 Sample : M3908-04
 Misc : 6.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 03:10:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	3691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	6229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	6502	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2973	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	4235	89.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.720%#
35) Dibromofluoromethane	7.914	113	1963	44.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.540%
50) Toluene-d8	10.332	98	6969	43.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.580%
62) 4-Bromofluorobenzene	12.626	95	2198	39.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.140%

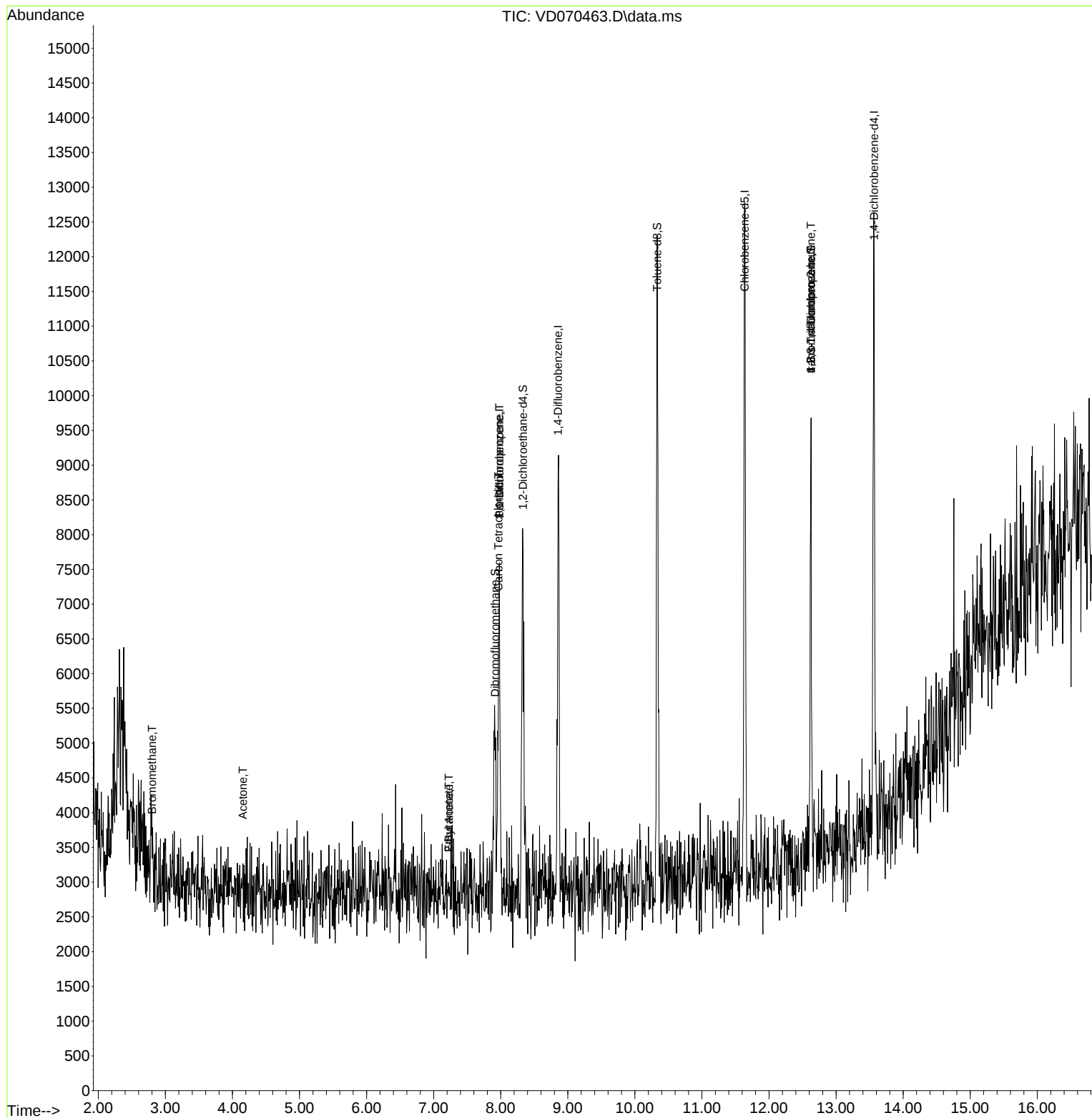
Target Compounds					Qvalue	
3) Chloromethane	2.209	50	56	Below Cal	#	42
5) Bromomethane	2.803	94	284	3.179	ug/l	96
16) Acetone	4.156	43	129	15.246	ug/l	# 36
20) Methylene Chloride	4.962	84	144	Below Cal	#	43
25) 2-Butanone	7.226	43	71	6.304	ug/l	# 47
36) 1,1-Dichloropropene	7.979	75	378	5.677	ug/l	# 41
37) Ethyl Acetate	7.226	43	71	2.852	ug/l	# 65
38) Carbon Tetrachloride	7.967	117	269	4.085	ug/l	# 12
76) 1,2,3-Trichloropropane	12.626	75	1352	44.958	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	1352	112.647	ug/l	# 17

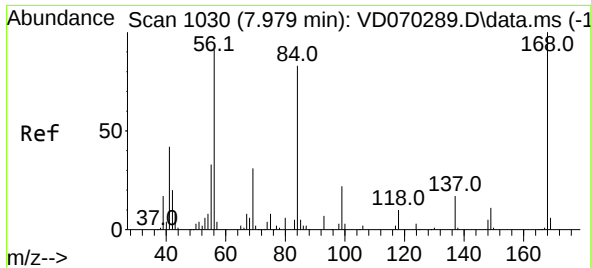
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 03:10:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

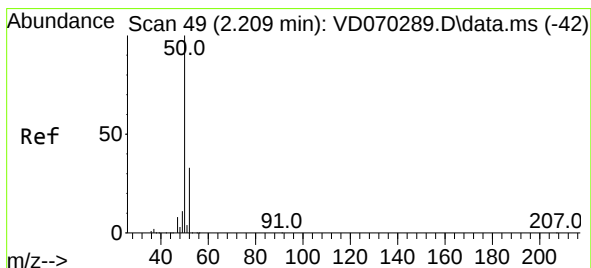
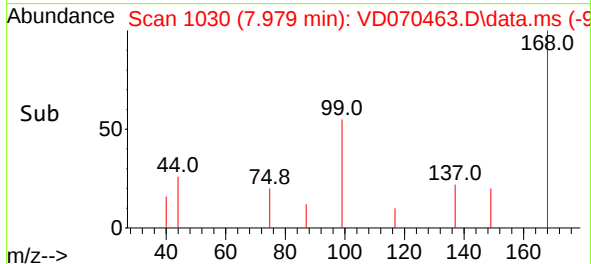
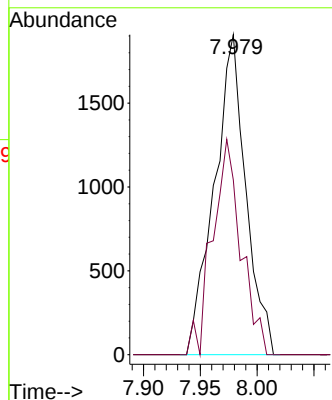
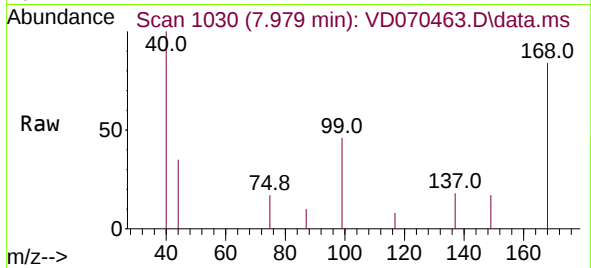




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

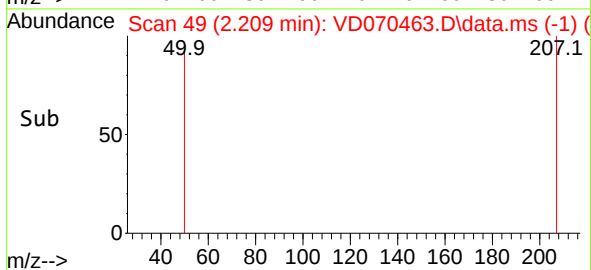
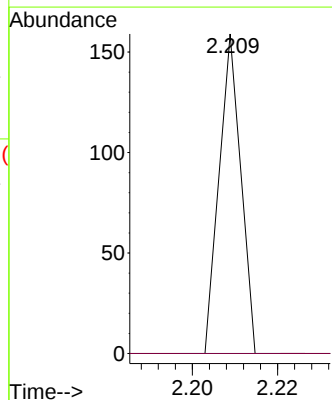
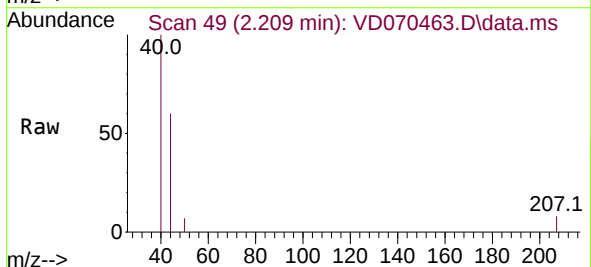
Instrument :
MSVOA_D
ClientSampled :

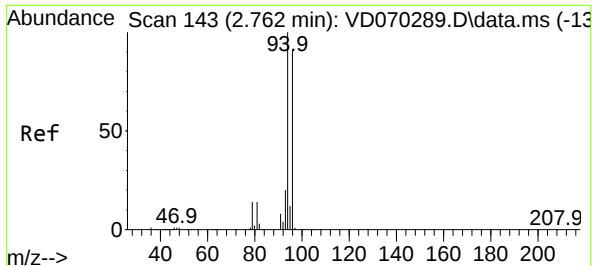
Tgt Ion:168 Resp: 3691
Ion Ratio Lower Upper
168 100
99 54.6 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

Tgt Ion: 50 Resp: 56
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

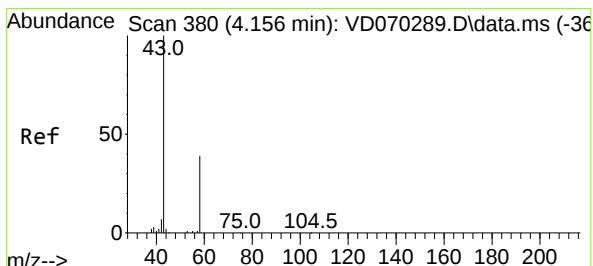
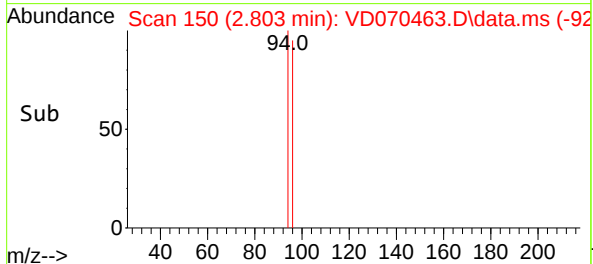
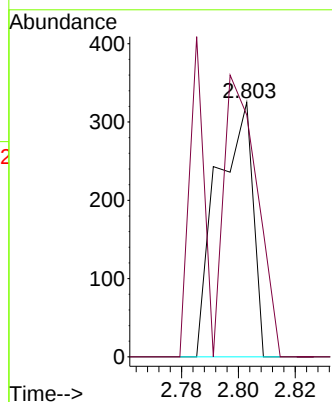
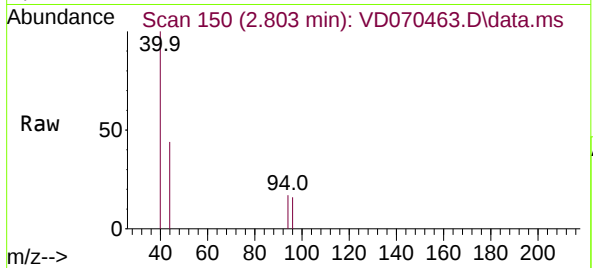




#5
Bromomethane
Concen: 3.179 ug/l
RT: 2.803 min Scan# 150
Delta R.T. 0.041 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

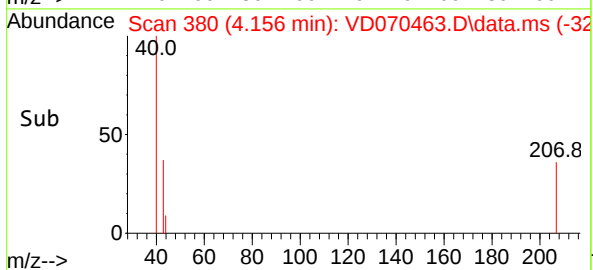
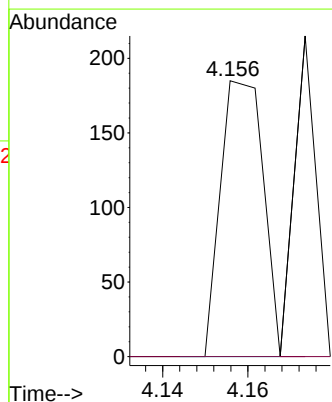
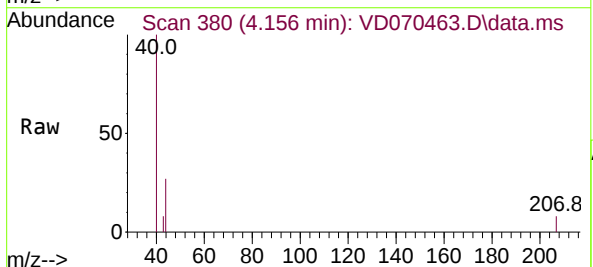
Instrument :
MSVOA_D
ClientSampled :

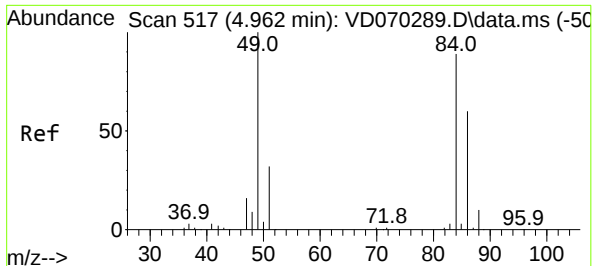
Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 95.1 73.0 109.6



#16
Acetone
Concen: 15.246 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

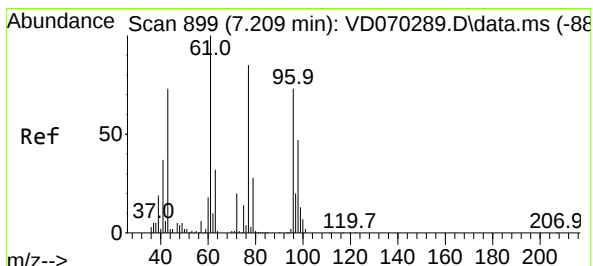
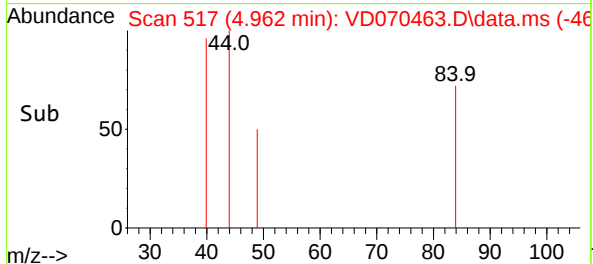
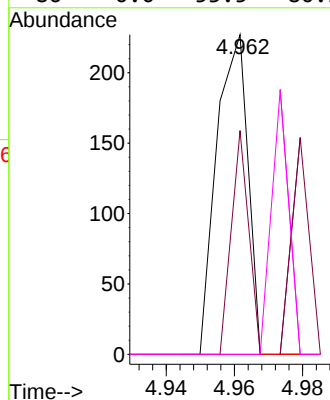
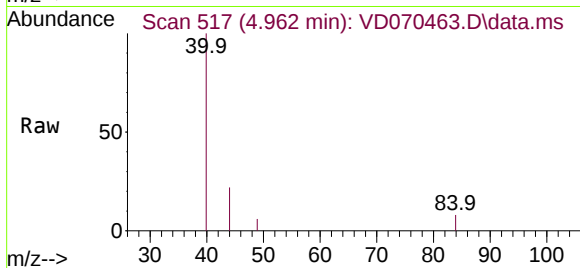
Delta R.T. -0.000 min

Lab File: VD070463.D

Acq: 24 Sep 2021 19:08

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	84	Resp:	144
Ion	Ratio	Lower	Upper
84	100		
49	70.0	89.6	134.4#
51	0.0	28.6	43.0#
86	0.0	53.5	80.3#



#25

2-Butanone

Concen: 6.304 ug/l

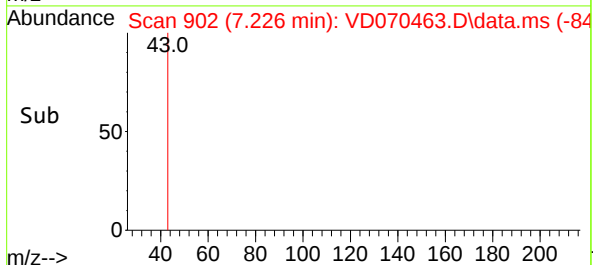
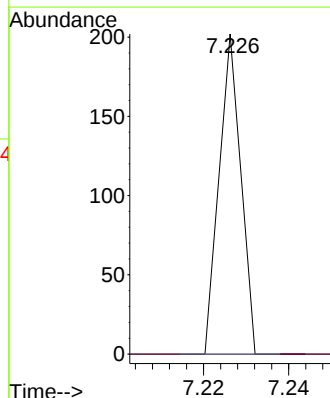
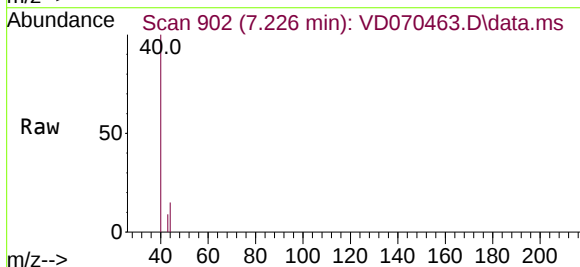
RT: 7.226 min Scan# 902

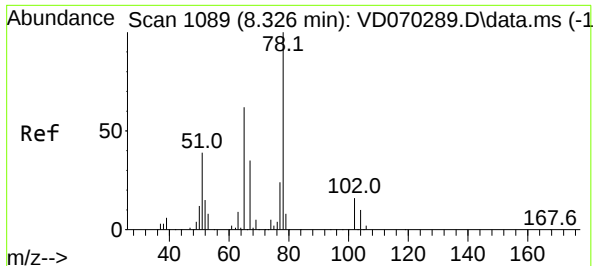
Delta R.T. 0.018 min

Lab File: VD070463.D

Acq: 24 Sep 2021 19:08

Tgt Ion:	43	Resp:	71
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.4#

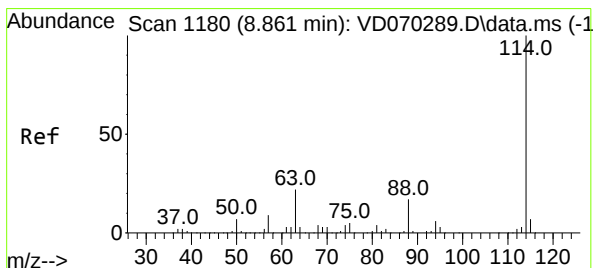
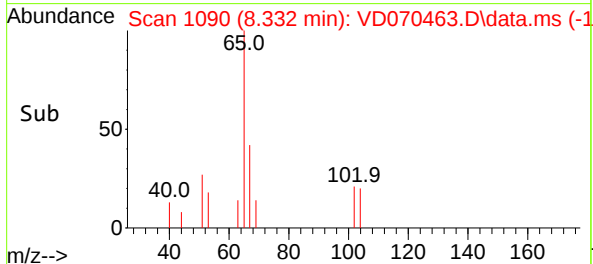
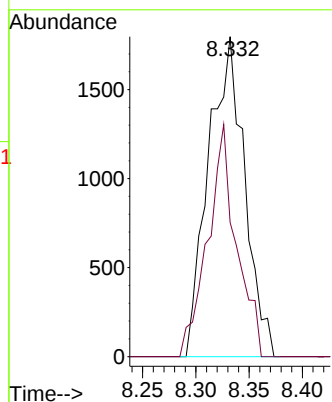
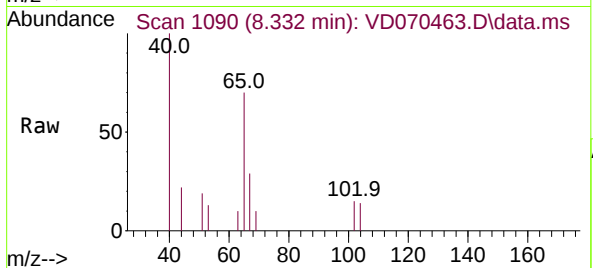




#33
1,2-Dichloroethane-d4
Concen: 89.359 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

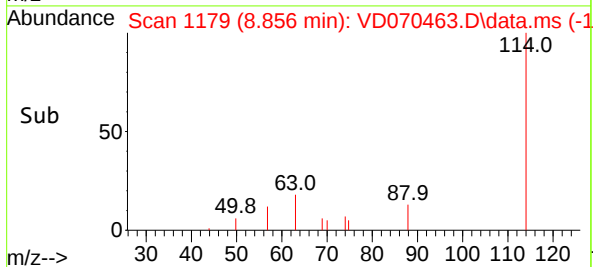
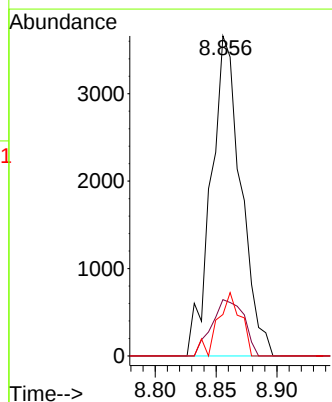
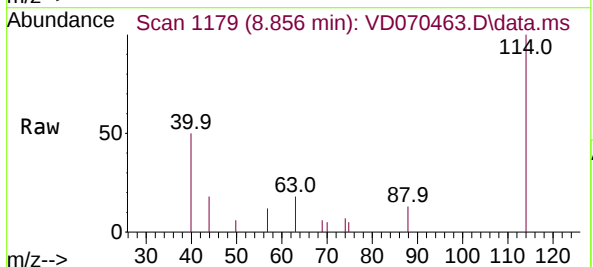
Instrument :
MSVOA_D
ClientSampled :

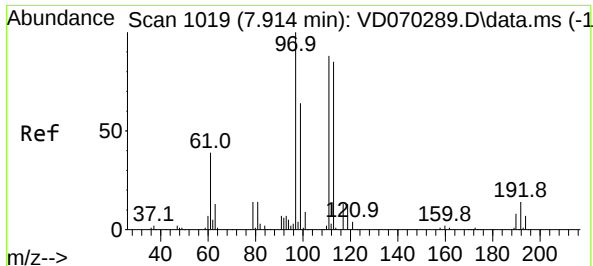
Tgt Ion: 65 Resp: 4235
Ion Ratio Lower Upper
65 100
67 57.4 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

Tgt Ion: 114 Resp: 6229
Ion Ratio Lower Upper
114 100
63 17.6 0.0 43.4
88 12.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.273 ug/l

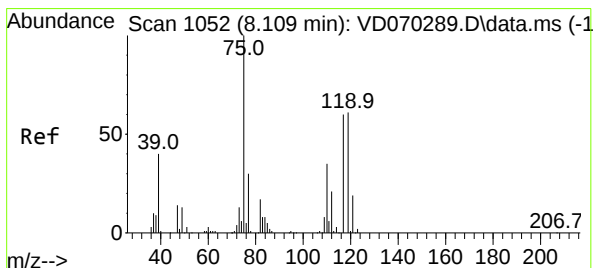
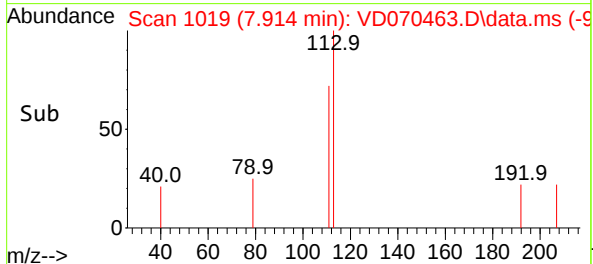
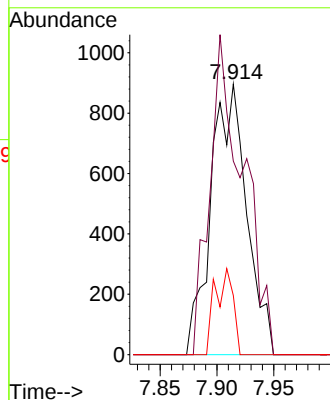
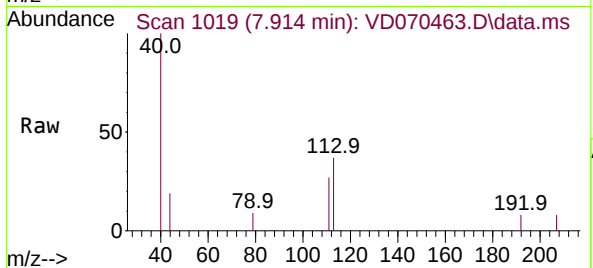
RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070463.D

Acq: 24 Sep 2021 19:08

Tgt Ion:	113	Resp:	1963
Ion	Ratio	Lower	Upper
113	100		
111	110.4	81.4	122.2
192	16.0	13.0	19.6



#36

1,1-Dichloropropene

Concen: 5.677 ug/l

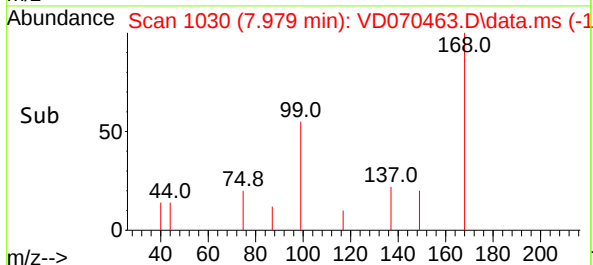
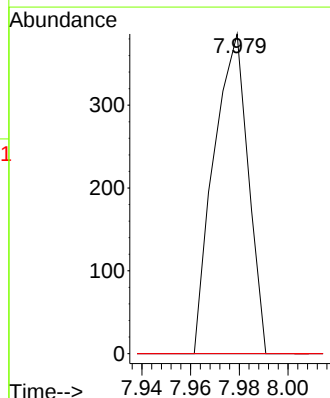
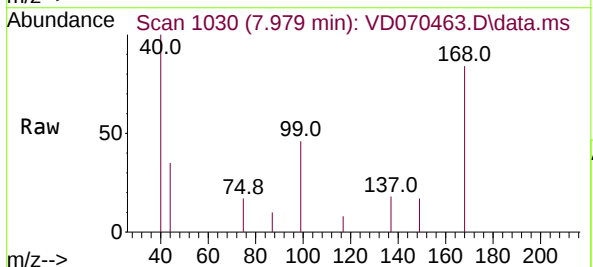
RT: 7.979 min Scan# 1030

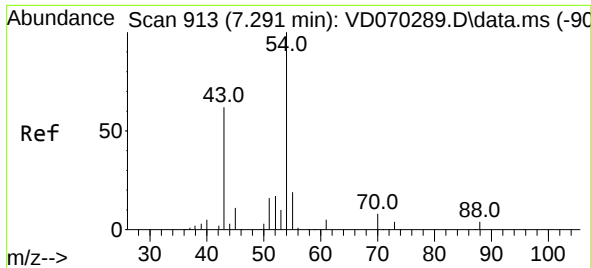
Delta R.T. -0.129 min

Lab File: VD070463.D

Acq: 24 Sep 2021 19:08

Tgt Ion:	75	Resp:	378
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.7#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 2.852 ug/l

RT: 7.226 min Scan# 902

Delta R.T. -0.065 min

Lab File: VD070463.D

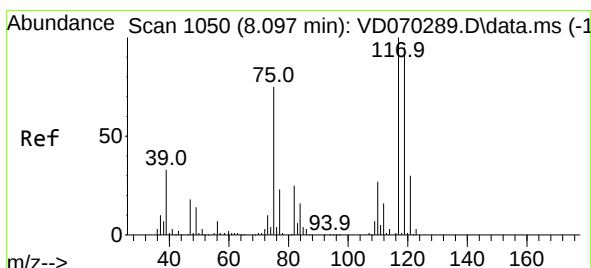
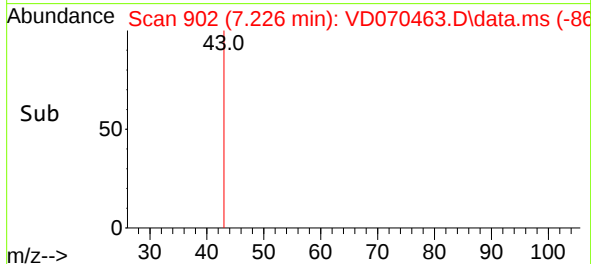
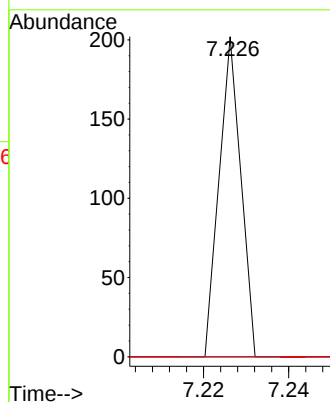
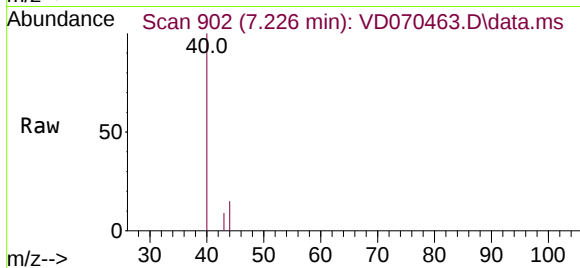
Acq: 24 Sep 2021 19:08

Instrument :

MSVOA_D

ClientSampled :

Tgt Ion: 43	Resp:	71
Ion	Ratio	Lower Upper
43	100	
61	0.0	13.0 19.6#
70	0.0	9.8 14.6#



#38

Carbon Tetrachloride

Concen: 4.085 ug/l

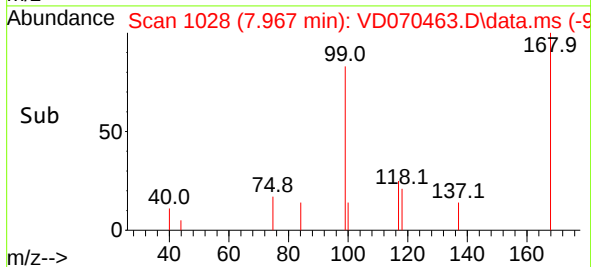
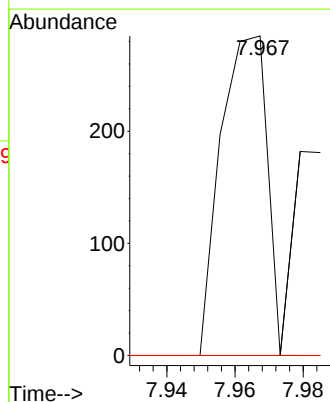
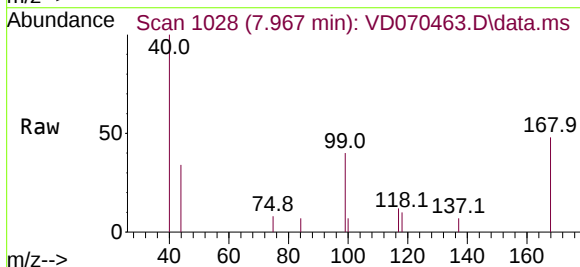
RT: 7.967 min Scan# 1028

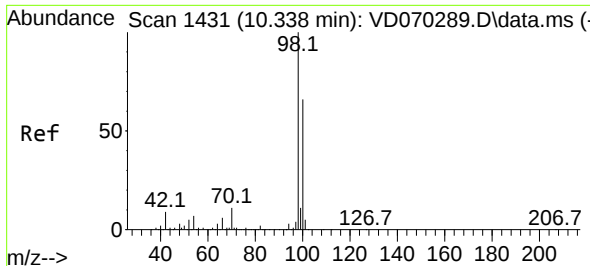
Delta R.T. -0.129 min

Lab File: VD070463.D

Acq: 24 Sep 2021 19:08

Tgt Ion: 117	Resp:	269
Ion	Ratio	Lower Upper
117	100	
119	0.0	76.1 114.1#
121	0.0	23.8 35.6#

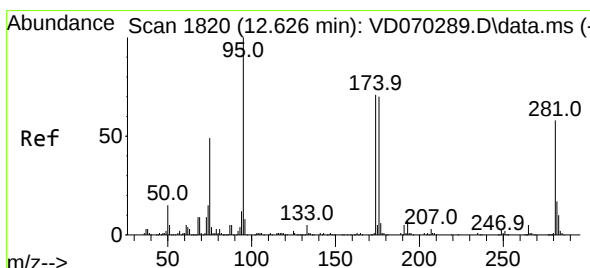
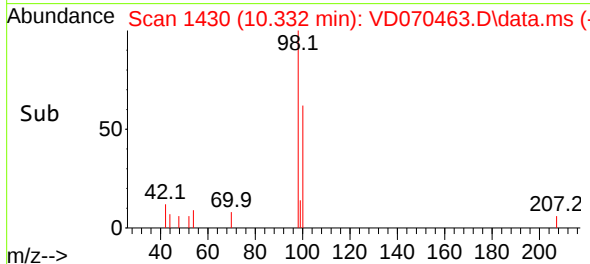
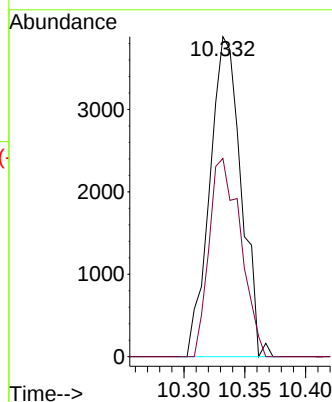
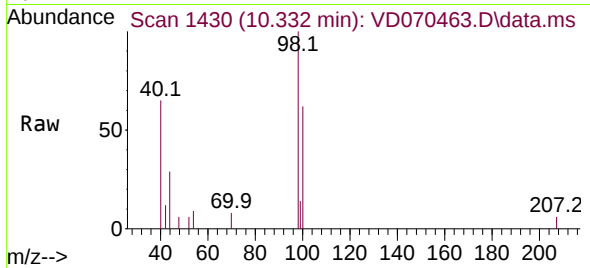




#50
Toluene-d8
Concen: 43.290 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

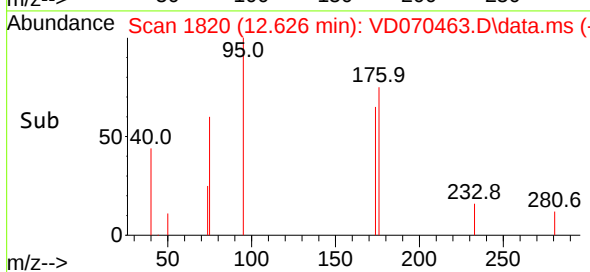
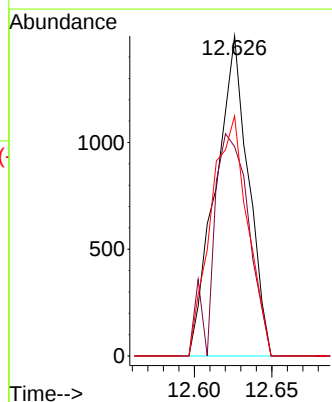
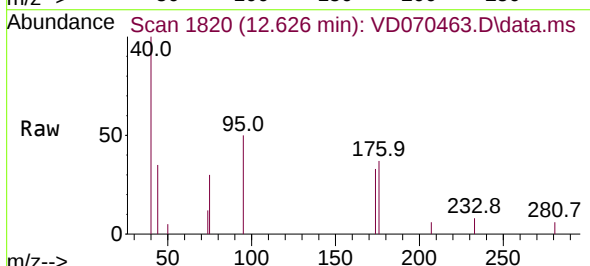
Instrument :
MSVOA_D
ClientSampled :

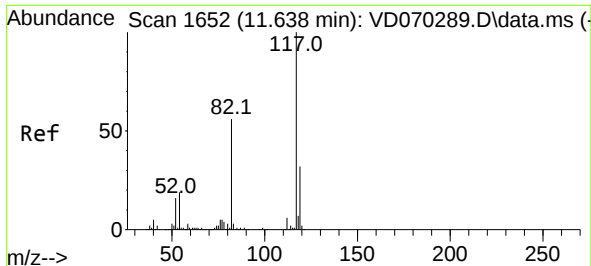
Tgt Ion: 98 Resp: 6969
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.067 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

Tgt Ion: 95 Resp: 2198
Ion Ratio Lower Upper
95 100
174 75.8 0.0 140.6
176 83.8 0.0 137.4

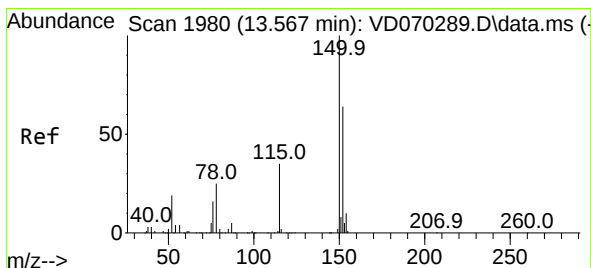
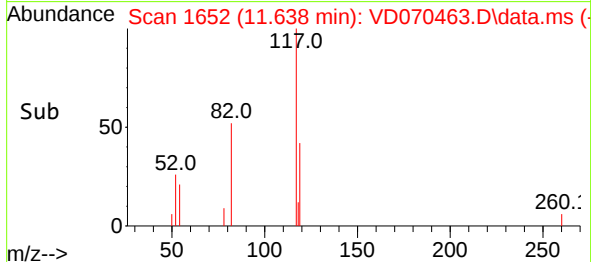
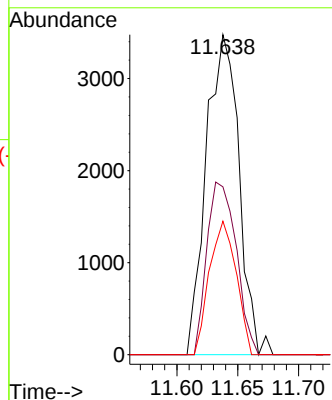
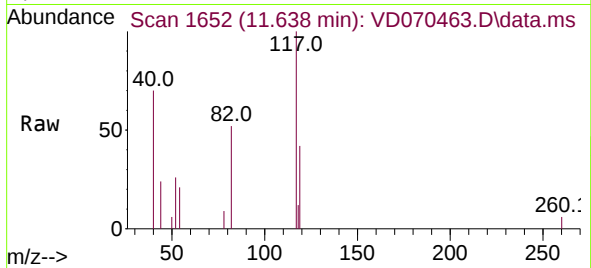




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

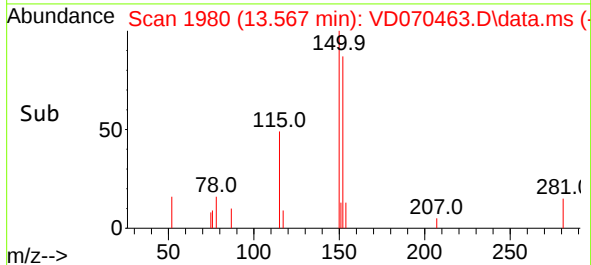
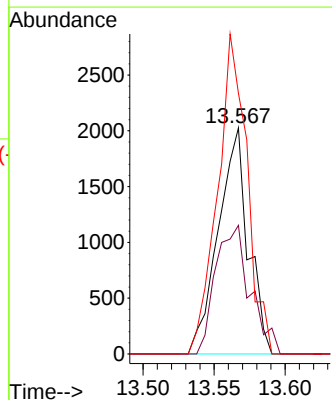
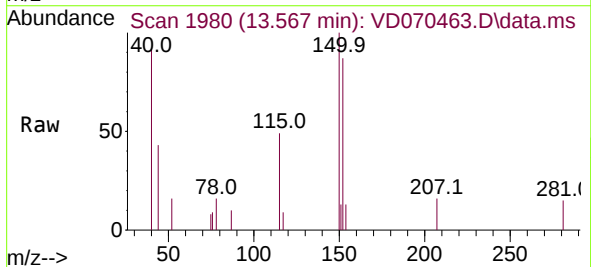
Instrument :
MSVOA_D
ClientSampleId :

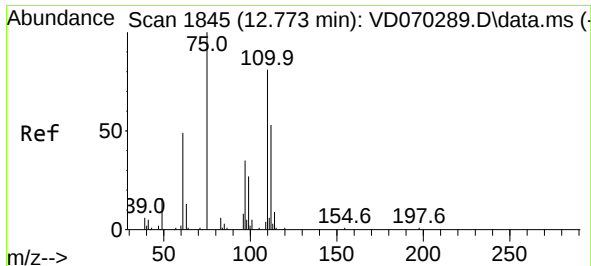
Tgt Ion:	117	Resp:	6502
Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.0	67.4
119	41.7	25.2	37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

Tgt Ion:	152	Resp:	2973
Ion	Ratio	Lower	Upper
152	100		
115	65.4	32.1	96.3
150	139.3	0.0	350.6

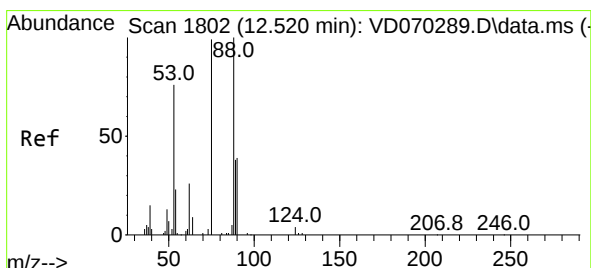
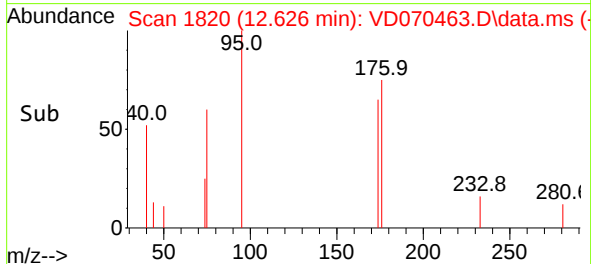
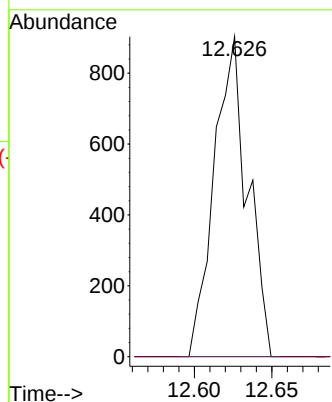
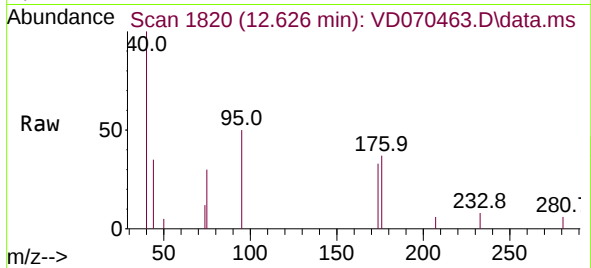




#76
1,2,3-Trichloropropane
Concen: 44.958 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 1352
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.647 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070463.D
Acq: 24 Sep 2021 19:08

Tgt Ion: 75 Resp: 1352
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#

