

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071601.D
 Acq On : 04 Jan 2022 18:58
 Operator : VA/SY
 Sample : M5330-04
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 05 01:30:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

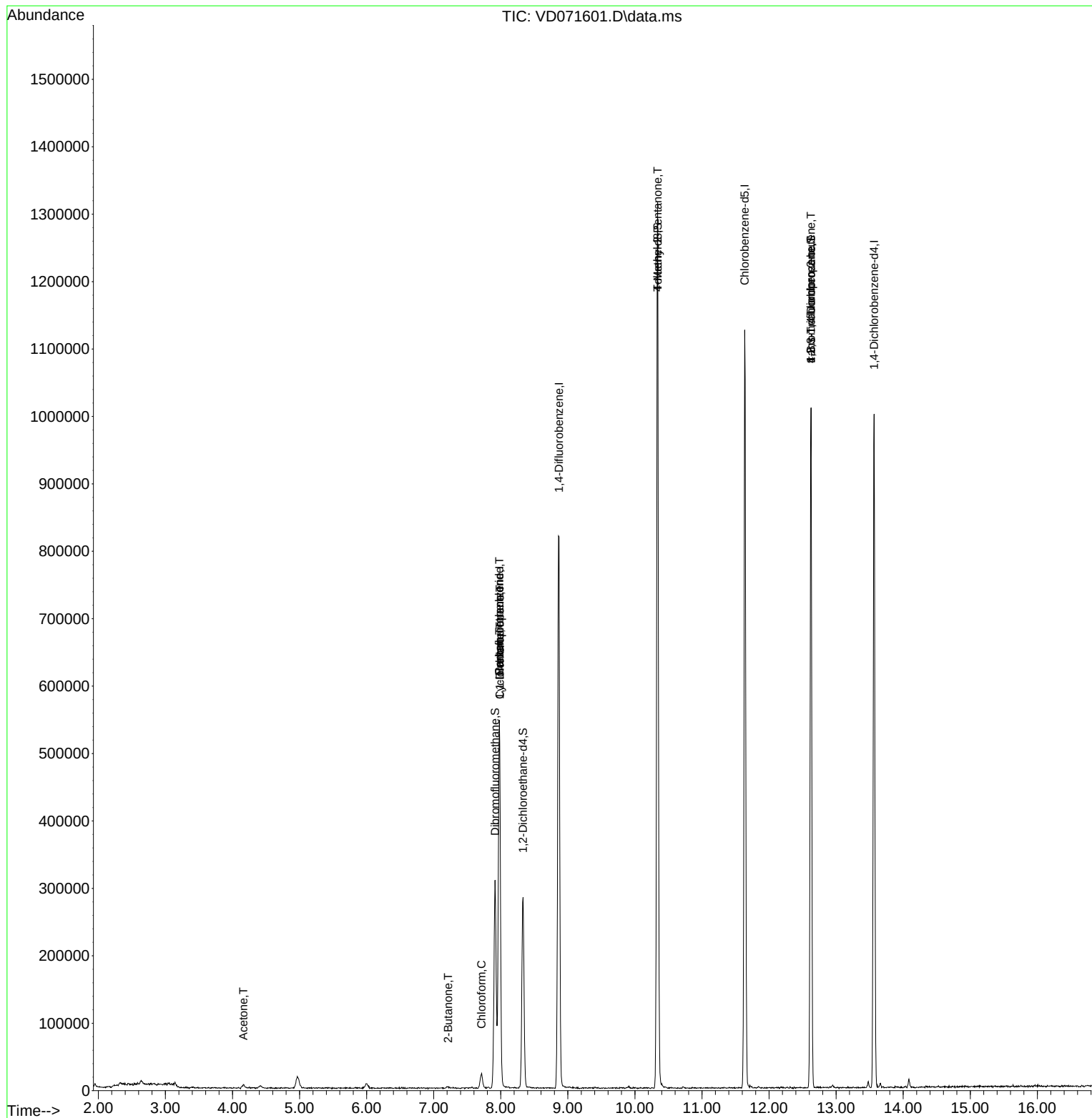
Internal Standards						
1) Pentafluorobenzene	7.979	168	371312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	660700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	577773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	226954	46.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.040%		
35) Dibromofluoromethane	7.914	113	208558	46.968	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.940%		
50) Toluene-d8	10.338	98	834660	49.740	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.626	95	251172	42.122	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.240%		
Target Compounds						
11) Tert butyl alcohol	5.179	59	69	Below Cal	#	71
16) Acetone	4.161	43	9643	7.785	ug/l #	74
20) Methylene Chloride	4.961	84	11897	Below Cal		93
25) 2-Butanone	7.214	43	1928	1.303	ug/l #	45
30) Chloroform	7.714	83	18906	2.194	ug/l	93
31) Cyclohexane	7.985	56	11634	1.389	ug/l #	49
36) 1,1-Dichloropropene	7.985	75	36066	5.084	ug/l #	50
38) Carbon Tetrachloride	7.979	117	40265	5.753	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	4851	1.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	149761	51.879	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	149761	146.585	ug/l #	18

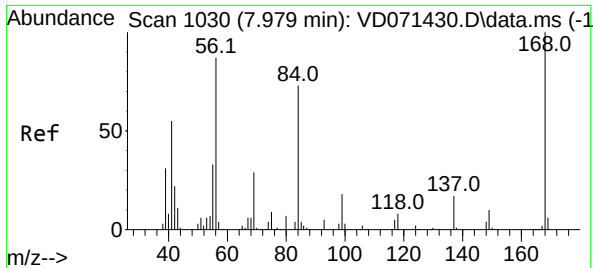
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
Data File : VD071601.D
Acq On : 04 Jan 2022 18:58
Operator : VA/SY
Sample : M5330-04
Misc : 6.54G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 05 01:30:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

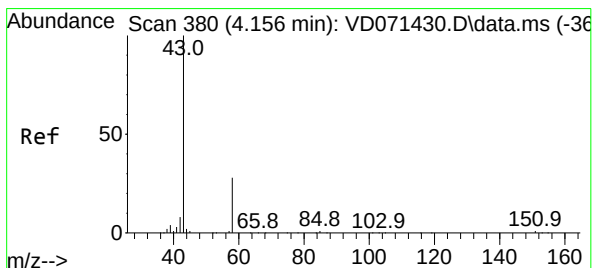
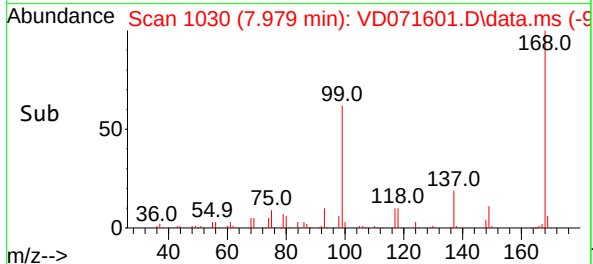
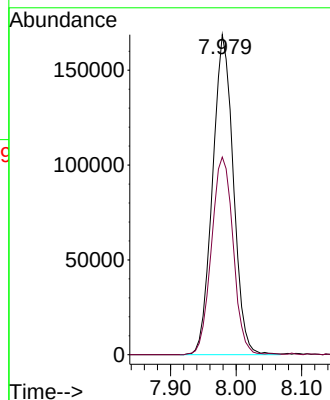
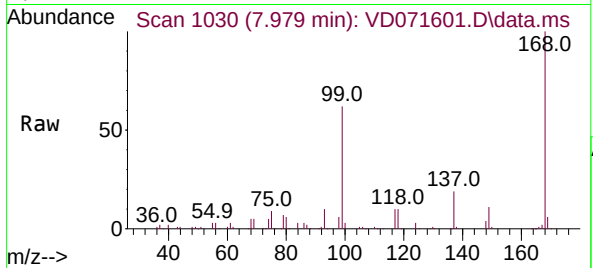




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

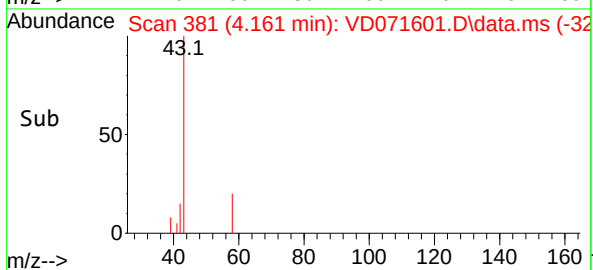
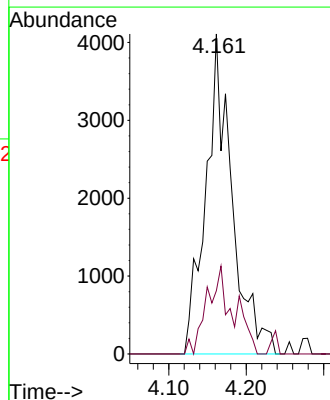
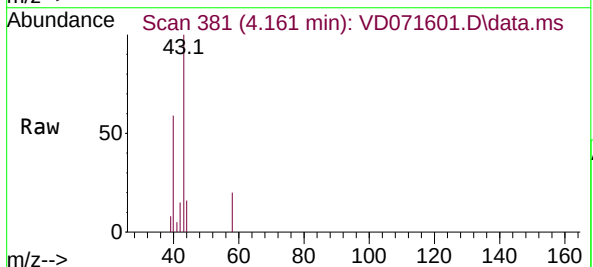
Instrument :
MSVOA_D
ClientSampleId :

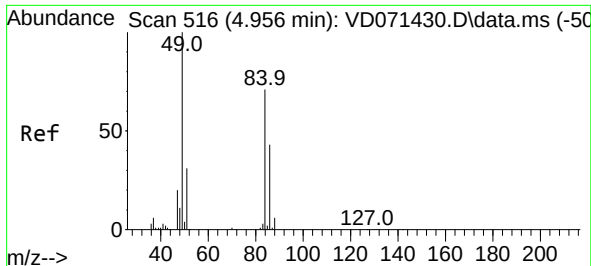
Tgt Ion:168 Resp: 371312
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#16
Acetone
Concen: 7.785 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

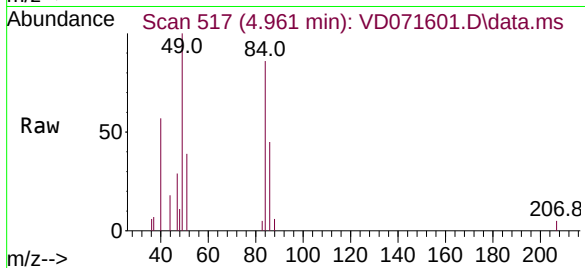
Tgt Ion: 43 Resp: 9643
Ion Ratio Lower Upper
43 100
58 19.8 27.8 41.8#



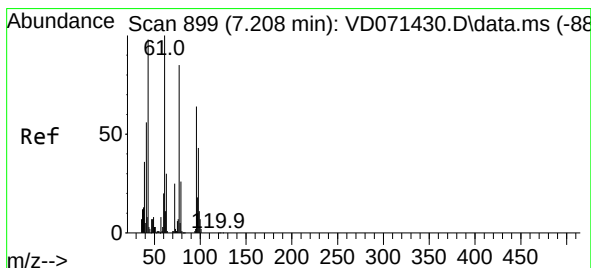
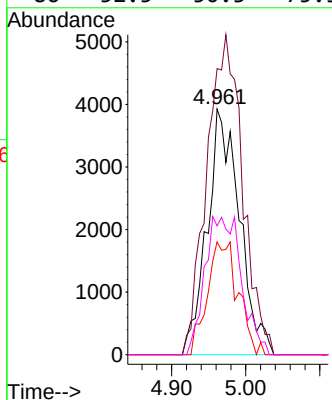
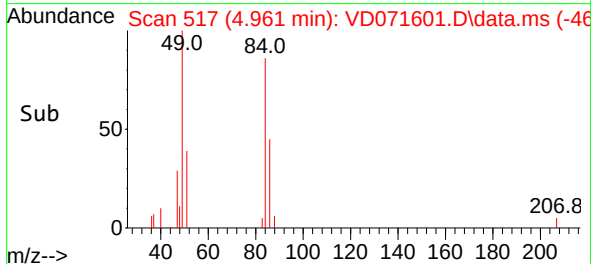


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Instrument :
MSVOA_D
ClientSampleId :

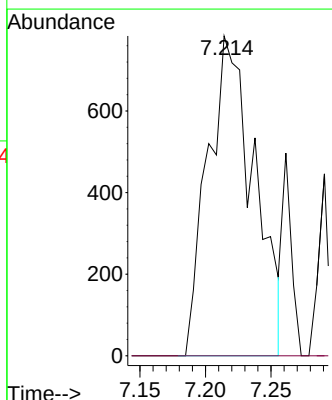
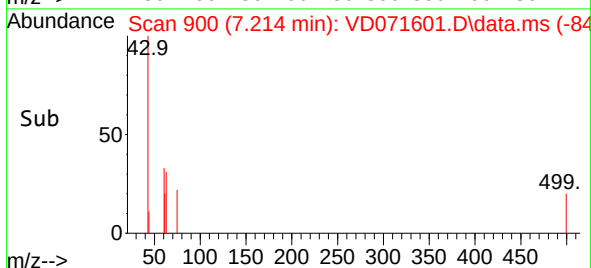
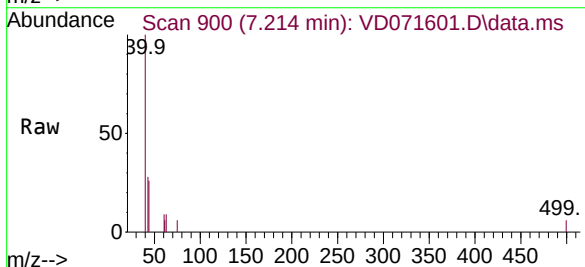


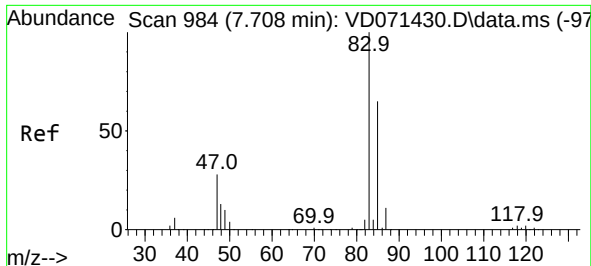
Tgt Ion:	84	Resp:	11897
Ion	Ratio	Lower	Upper
84	100		
49	116.5	95.8	143.6
51	45.9	30.9	46.3
86	52.5	50.3	75.5



#25
2-Butanone
Concen: 1.303 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Tgt Ion:	43	Resp:	1928
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.6#

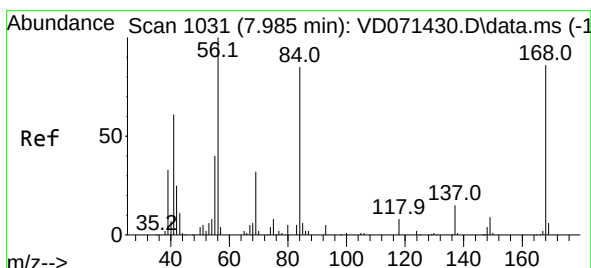
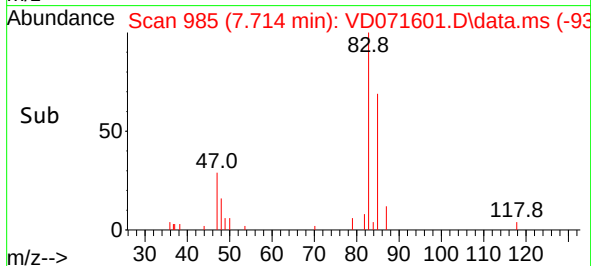
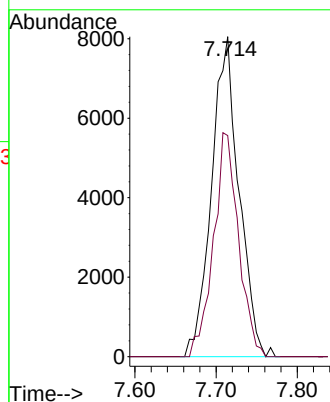
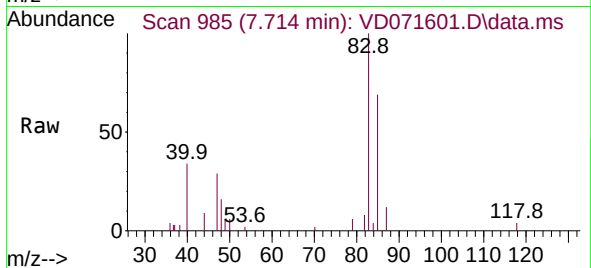




#30
Chloroform
Concen: 2.194 ug/l
RT: 7.714 min Scan# 984
Delta R.T. 0.012 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

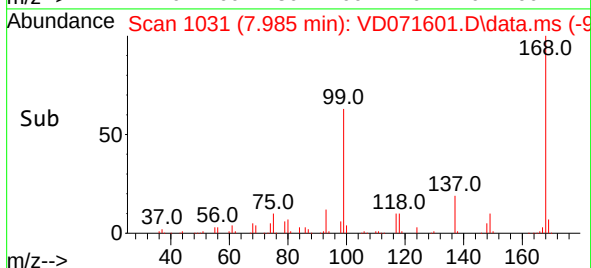
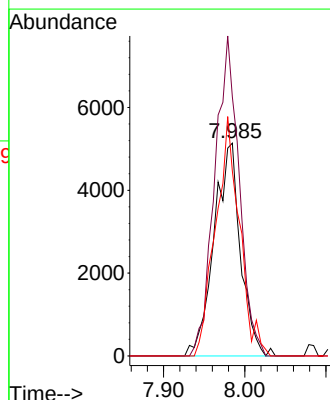
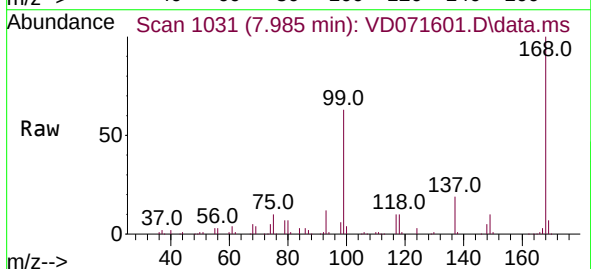
Instrument :
MSVOA_D
ClientSampleId :

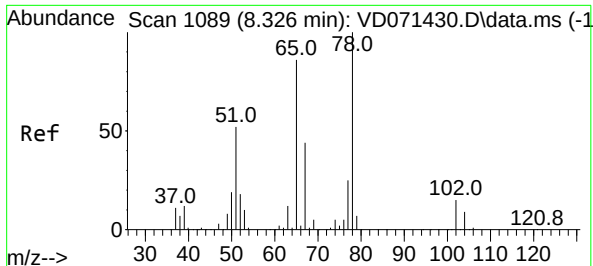
Tgt Ion: 83 Resp: 18906
Ion Ratio Lower Upper
83 100
85 69.1 51.0 76.6



#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Tgt Ion: 56 Resp: 11634
Ion Ratio Lower Upper
56 100
69 121.7 25.9 38.9#
84 86.8 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 46.023 ug/l

RT: 8.332 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD071601.D

Acq: 04 Jan 2022 18:58

Instrument :

MSVOA_D

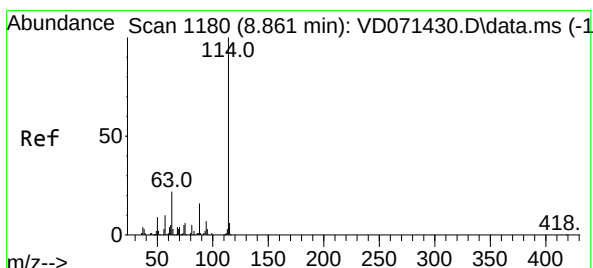
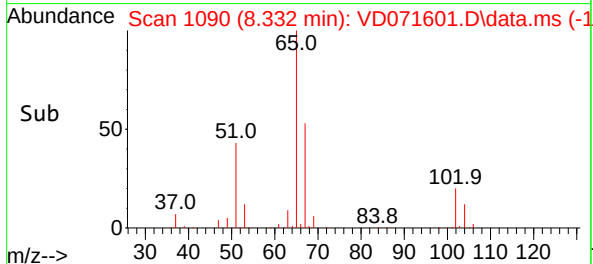
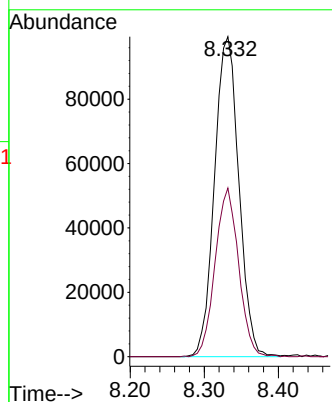
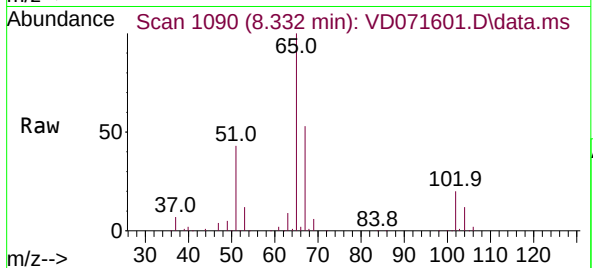
ClientSampleId :

Tgt Ion: 65 Resp: 226954

Ion Ratio Lower Upper

65 100

67 50.8 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071601.D

Acq: 04 Jan 2022 18:58

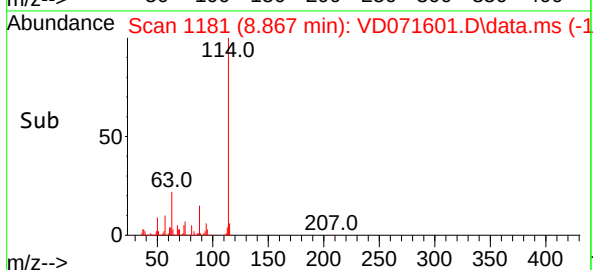
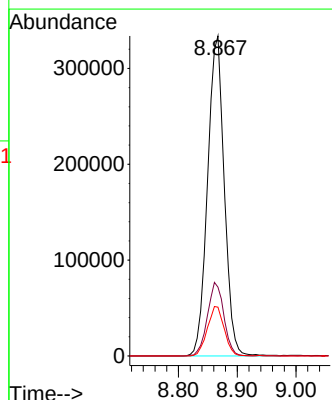
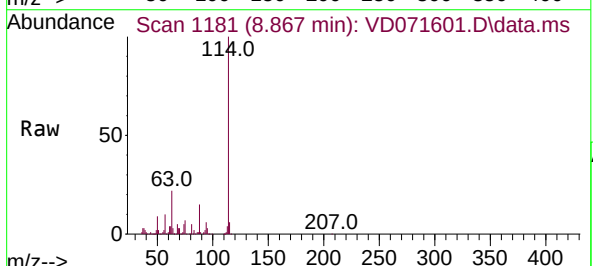
Tgt Ion: 114 Resp: 660700

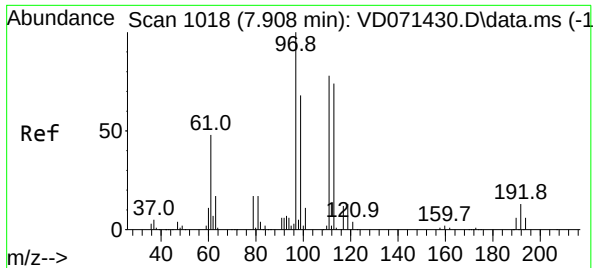
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 15.3 0.0 32.8

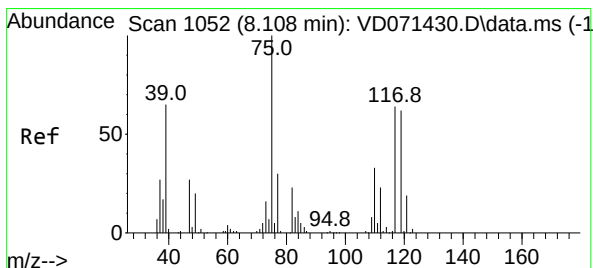
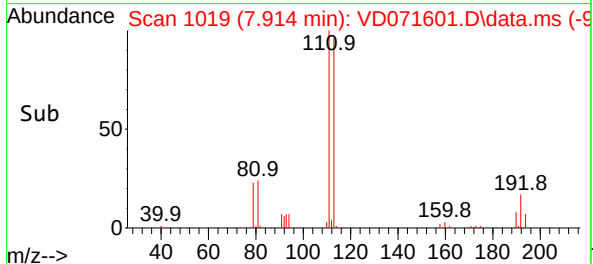
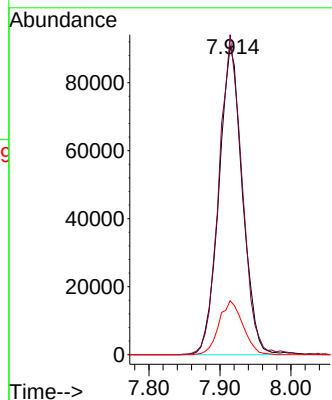
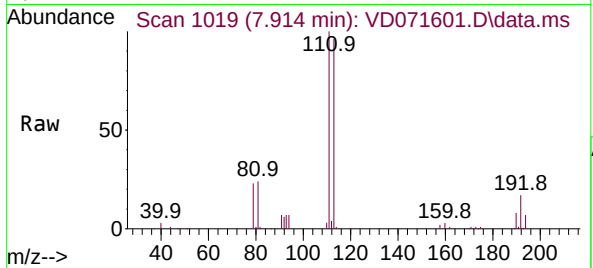




#35
Dibromofluoromethane
Concen: 46.968 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

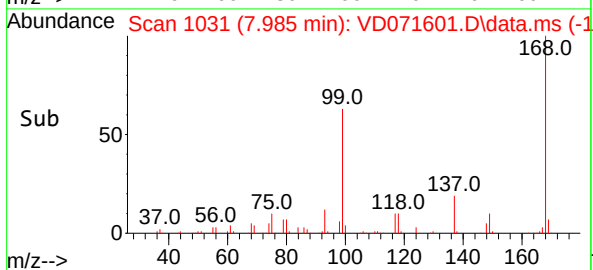
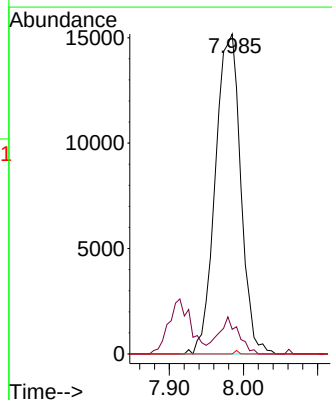
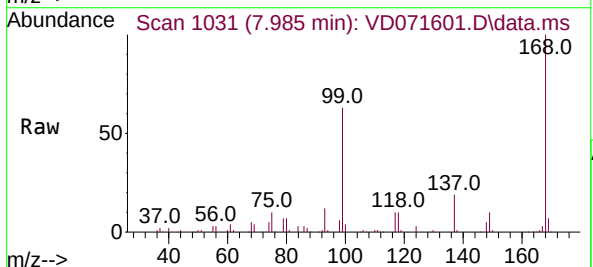
Instrument :
MSVOA_D
ClientSampleId :

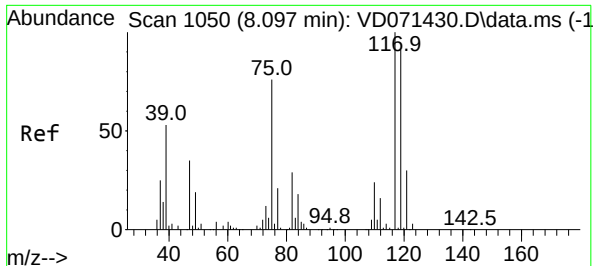
Tgt Ion:113 Resp: 208558
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.084 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

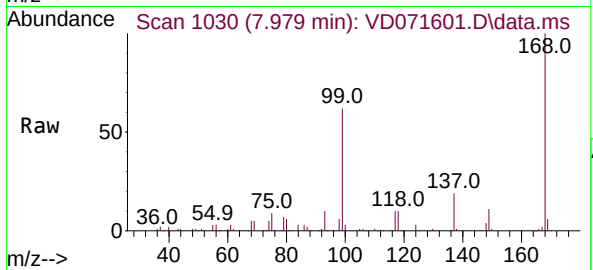
Tgt Ion: 75 Resp: 36066
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.4#
77 0.2 24.8 37.2#



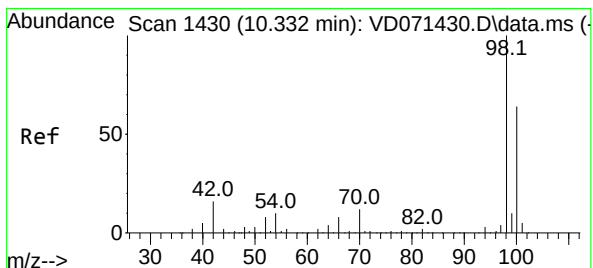
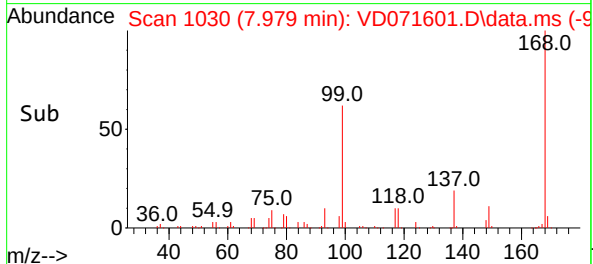
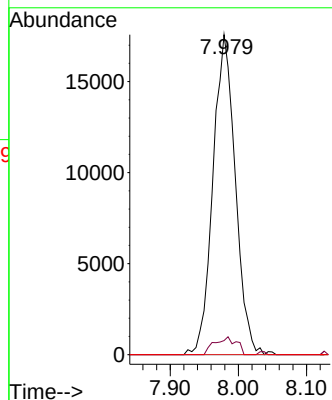


#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Instrument :
MSVOA_D
ClientSampleId :

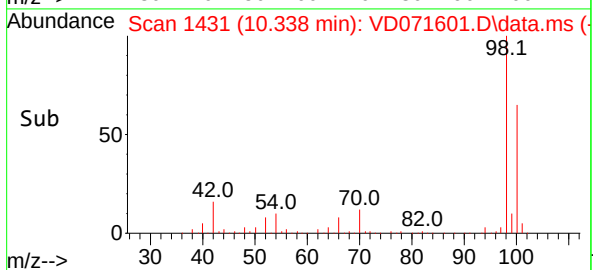
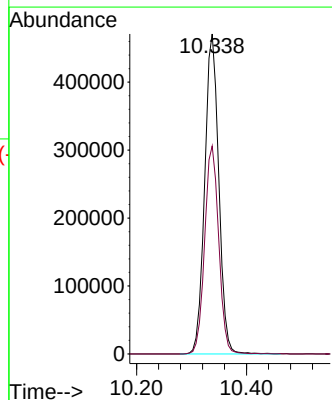
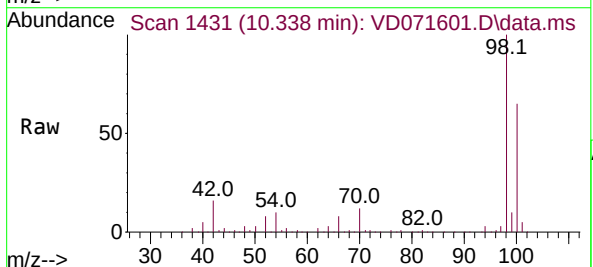


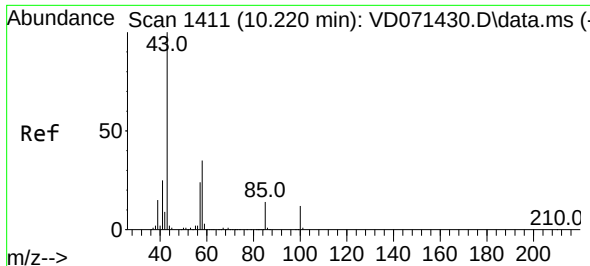
Tgt Ion:117 Resp: 40265
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.740 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Tgt Ion: 98 Resp: 834660
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

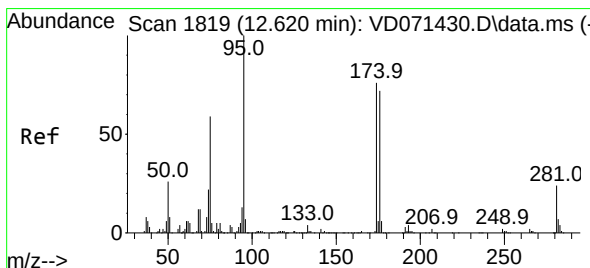
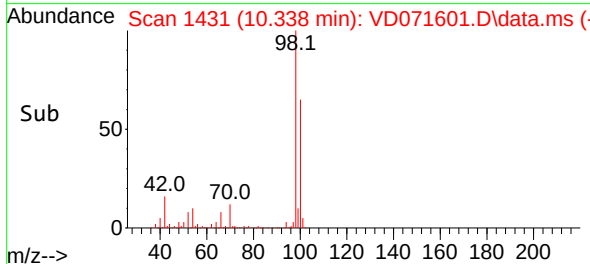
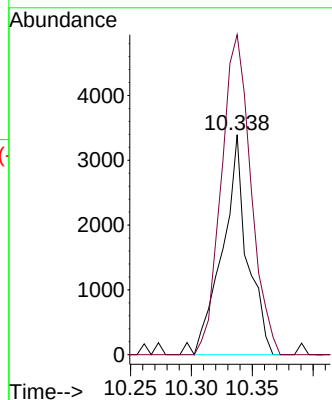
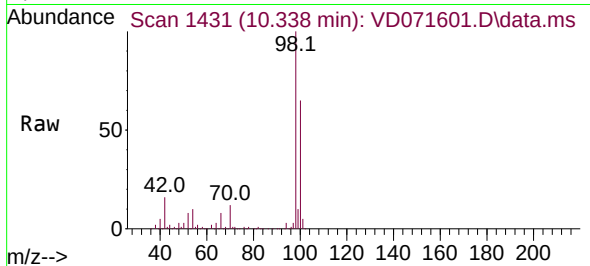




#51
4-Methyl-2-Pentanone
Concen: 1.419 ug/l
RT: 10.338 min Scan# 1411
Delta R.T. 0.118 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

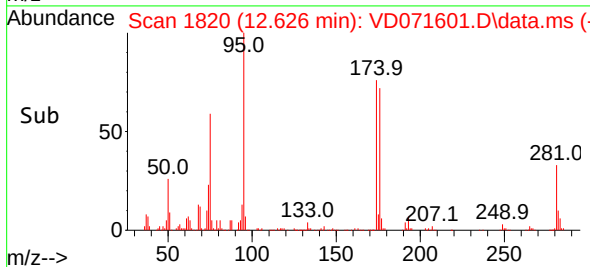
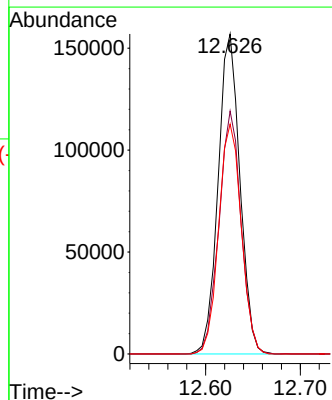
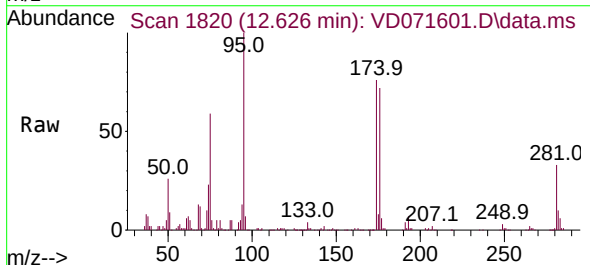
Instrument :
MSVOA_D
ClientSampleId :

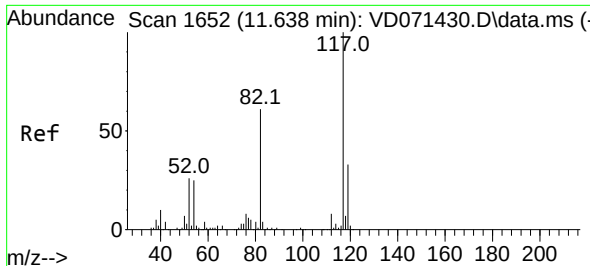
Tgt Ion: 43 Resp: 4851
Ion Ratio Lower Upper
43 100
58 172.5 33.1 49.7#



#62
4-Bromofluorobenzene
Concen: 42.122 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

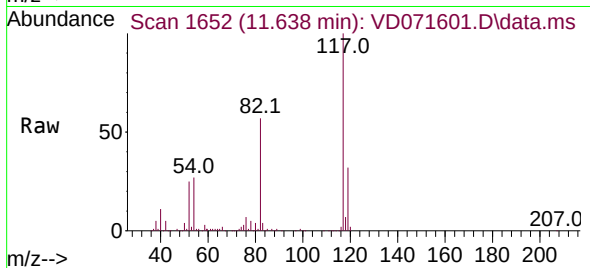
Tgt Ion: 95 Resp: 251172
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 74.4 0.0 154.0



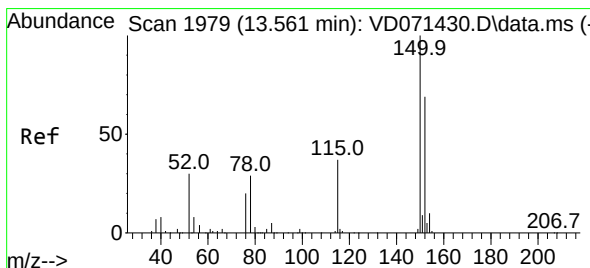
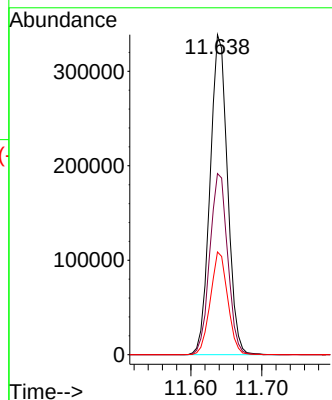
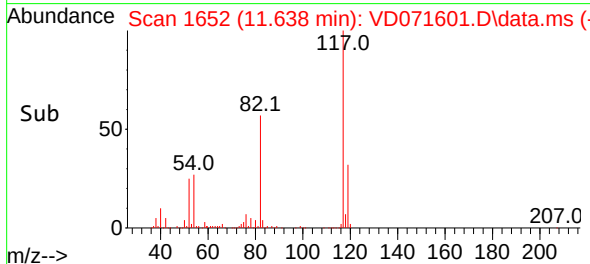


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

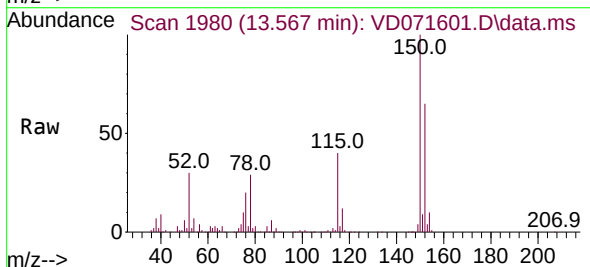
Instrument :
MSVOA_D
ClientSampleId :



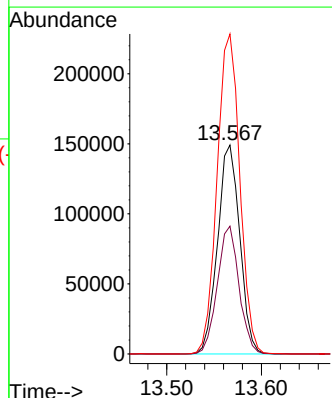
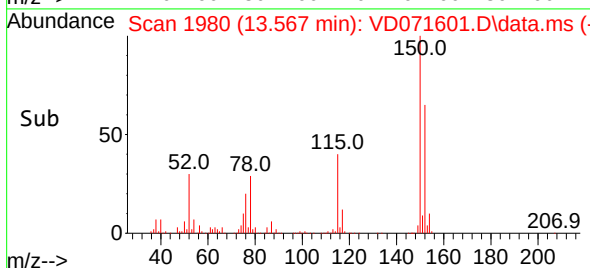
Tgt Ion:117 Resp: 577773
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 32.1 26.2 39.4

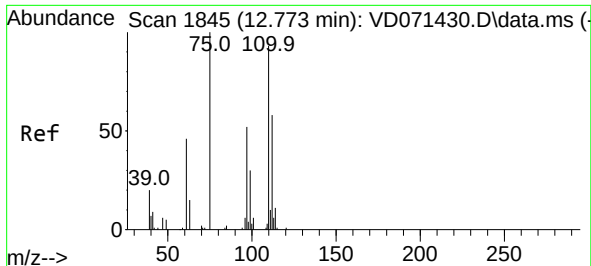


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58



Tgt Ion:152 Resp: 242955
Ion Ratio Lower Upper
152 100
115 59.9 29.8 89.3
150 156.9 0.0 349.2

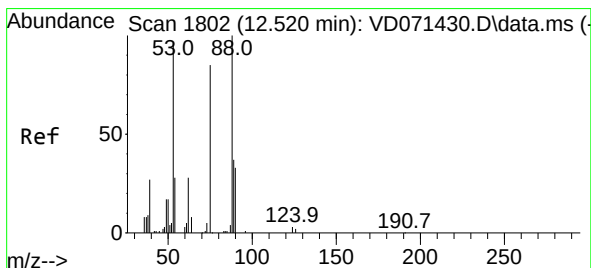
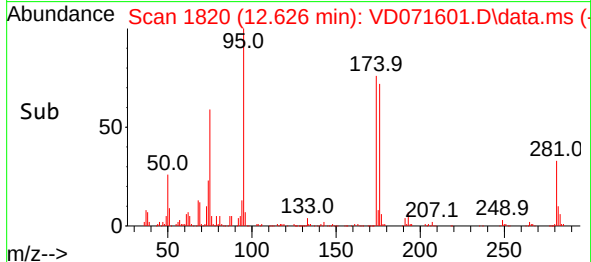
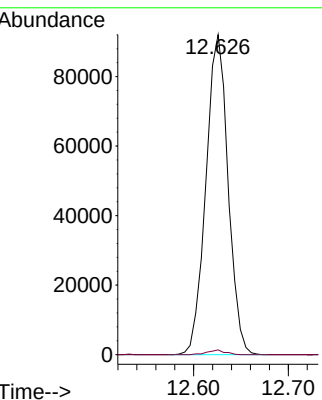
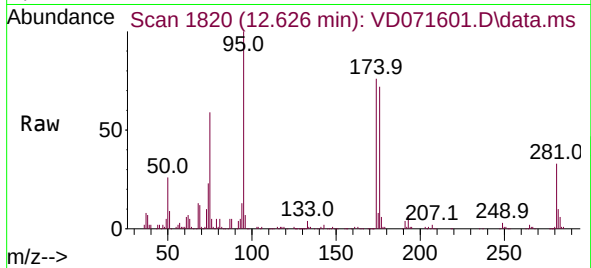




#76
1,2,3-Trichloropropane
Concen: 51.879 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 149761
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.585 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Tgt Ion: 75 Resp: 149761
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.2 34.5 51.7#

