

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068887.D
 Acq On : 16 Apr 2021 20:37
 Operator : VA/SY
 Sample : M2063-03
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-2-4

Quant Time: Apr 16 23:52:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

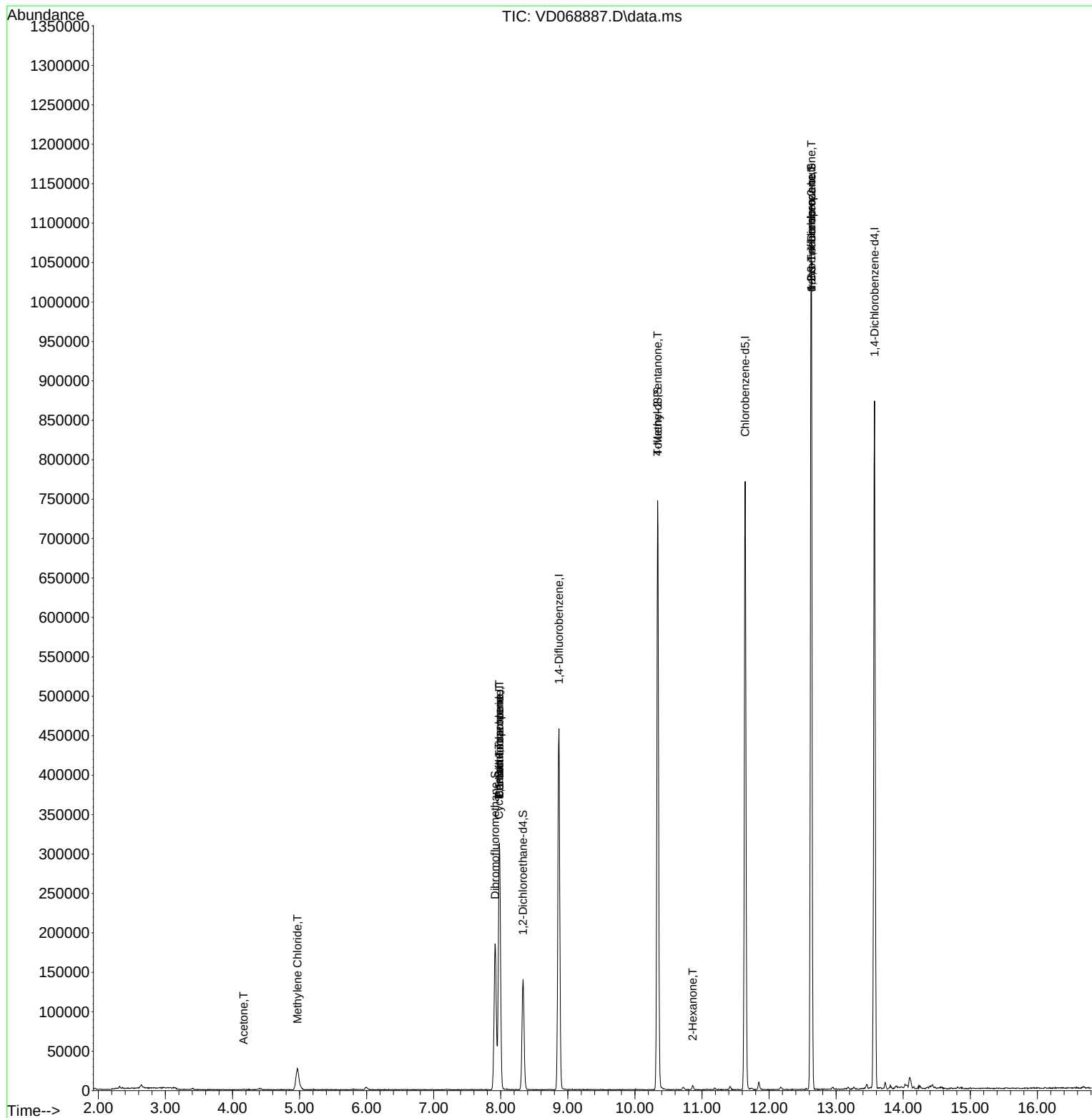
Internal Standards						
1) Pentafluorobenzene	7.979	168	247237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	417071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	463809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	241435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	110913	42.45	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.90%		
35) Dibromofluoromethane	7.914	113	131916	48.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.26%		
50) Toluene-d8	10.338	98	527037	51.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.00%		
62) 4-Bromofluorobenzene	12.632	95	221914	65.29	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	130.58%		
Target Compounds						
11) Tert butyl alcohol	5.214	59	210	Below Cal	#	73
16) Acetone	4.167	43	1037	2.87	ug/l #	40
20) Methylene Chloride	4.967	84	22285	3.09	ug/l	94
31) Cyclohexane	7.973	56	4766	1.10	ug/l #	6
36) 1,1-Dichloropropene	7.979	75	17668	4.19	ug/l #	49
38) Carbon Tetrachloride	7.979	117	23613	5.65	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	1799	1.41	ug/l #	1
59) 2-Hexanone	10.861	43	1675	1.96	ug/l #	19
76) 1,2,3-Trichloropropane	12.632	75	115194	52.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	115194	121.20	ug/l #	16

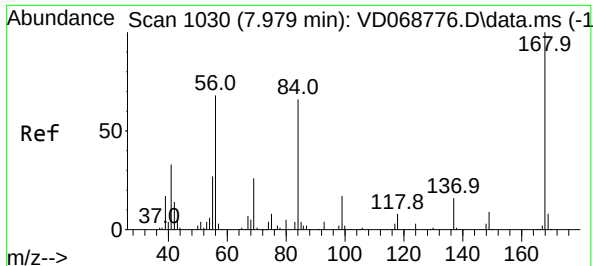
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
Data File : VD068887.D
Acq On : 16 Apr 2021 20:37
Operator : VA/SY
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Misc : 5.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP1-2-4

Quant Time: Apr 16 23:52:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

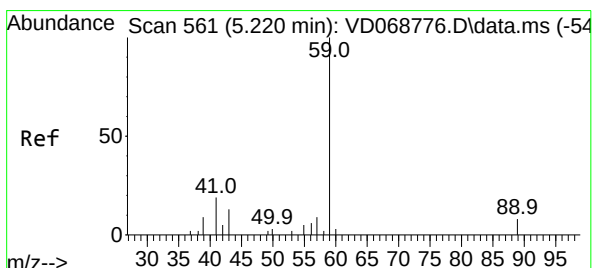
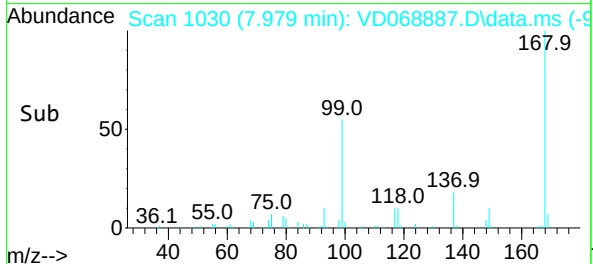
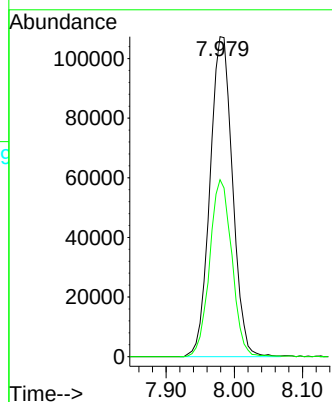
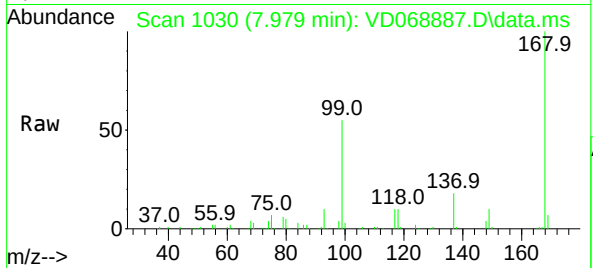




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

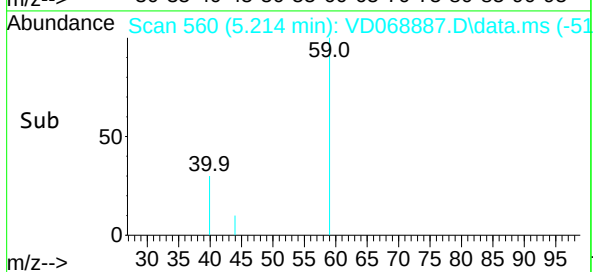
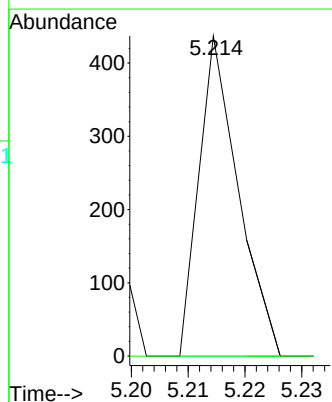
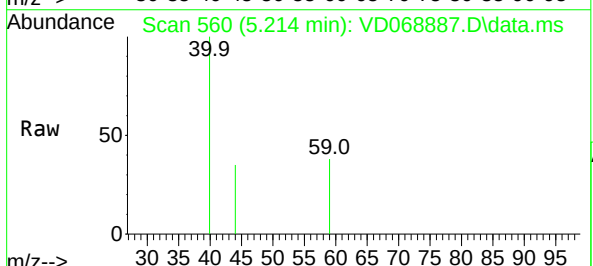
Instrument :
MSVOA_D
ClientSampled :
TP1-2-4

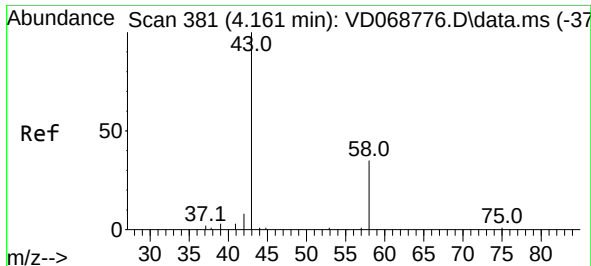
Tgt Ion:168 Resp: 247237
Ion Ratio Lower Upper
168 100
99 55.3 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

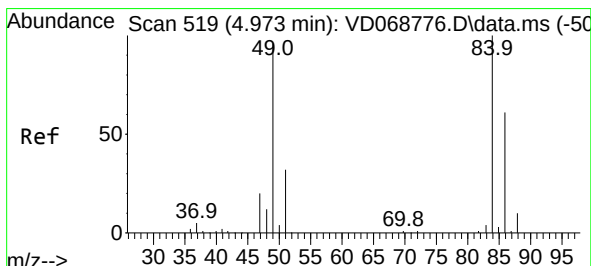
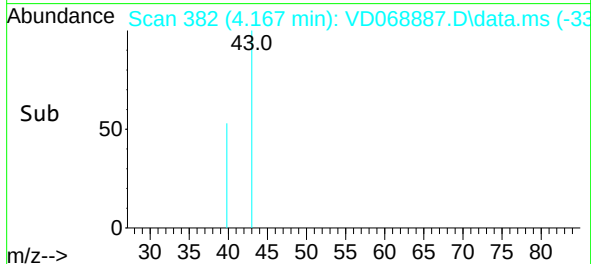
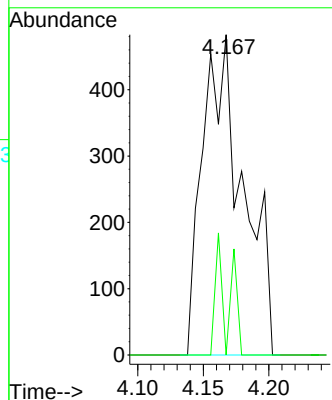
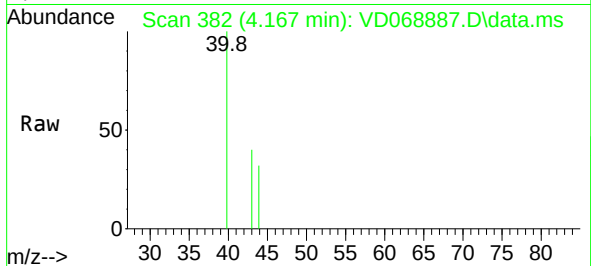




#16
Acetone
Concen: 2.87 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

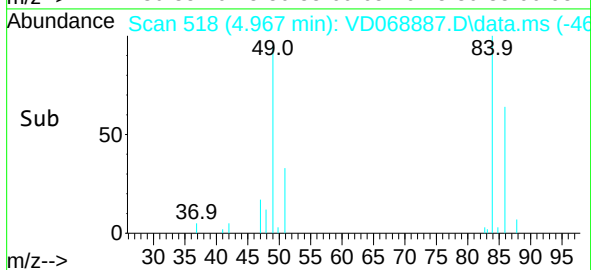
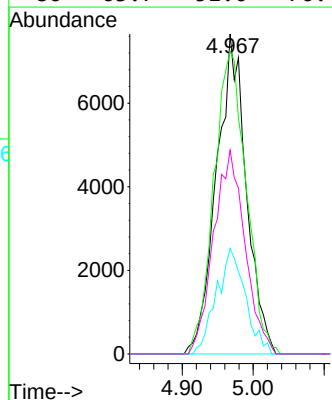
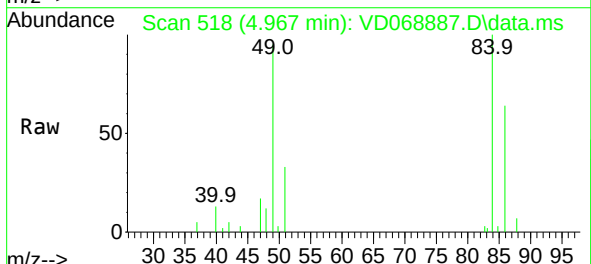
Instrument :
MSVOA_D
ClientSampled :
TP1-2-4

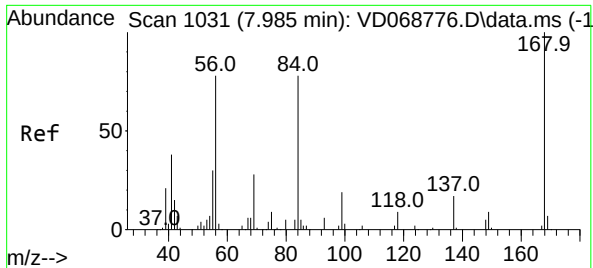
Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 3.09 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Tgt Ion: 84 Resp: 22285
Ion Ratio Lower Upper
84 100
49 94.7 83.4 125.0
51 33.0 23.4 35.2
86 63.7 51.0 76.4

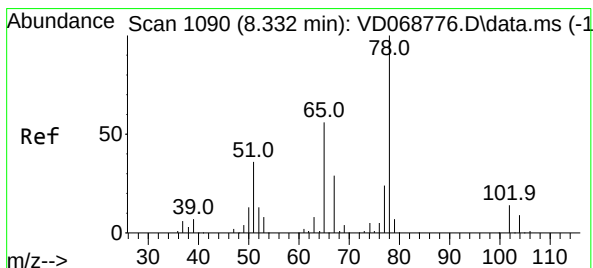
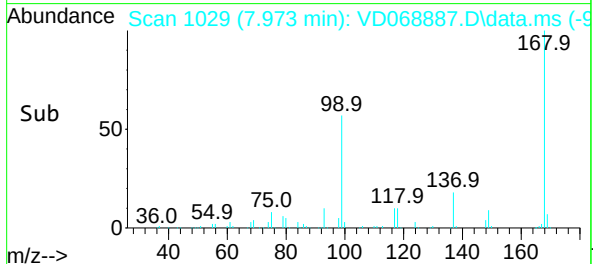
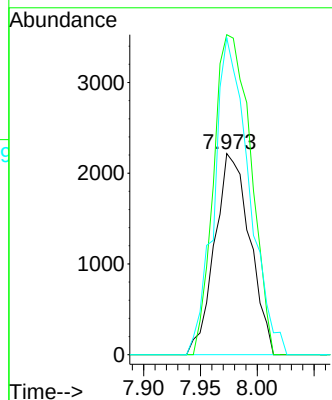
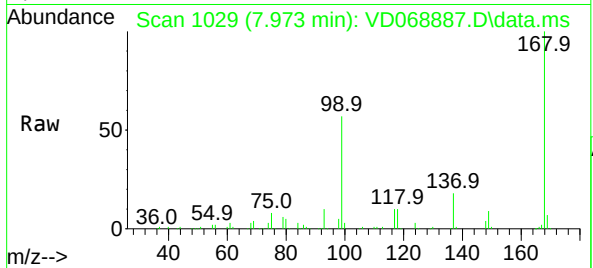




#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

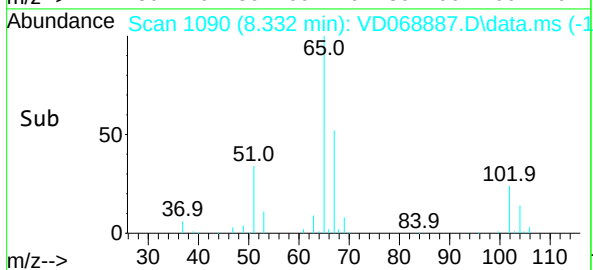
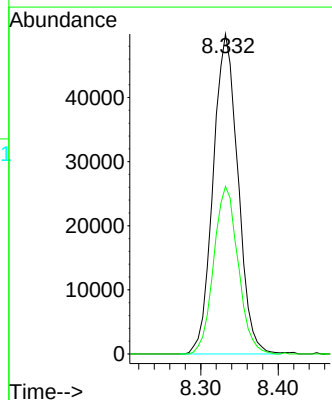
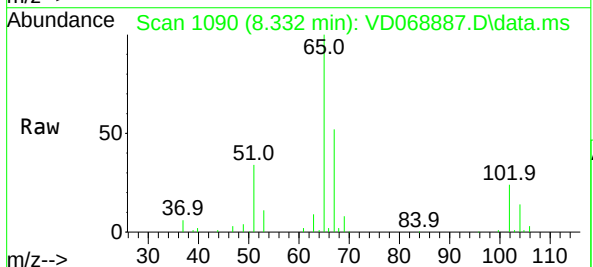
Instrument :
MSVOA_D
ClientSampleId :
TP1-2-4

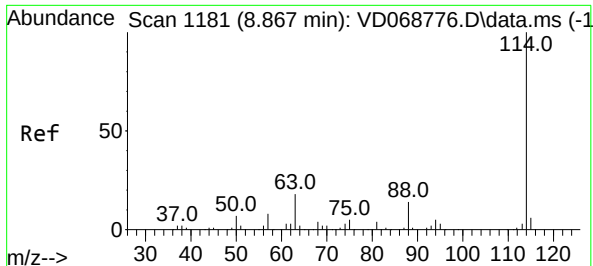
Tgt Ion: 56 Resp: 4766
Ion Ratio Lower Upper
56 100
69 159.2 30.0 45.0#
84 157.5 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 42.45 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Tgt Ion: 65 Resp: 110913
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0

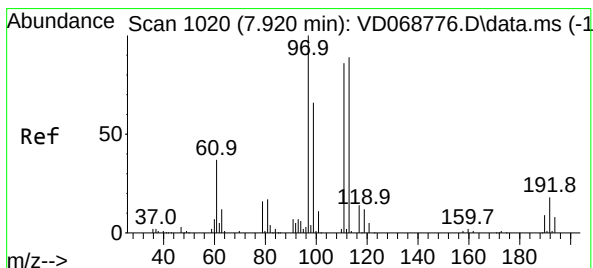
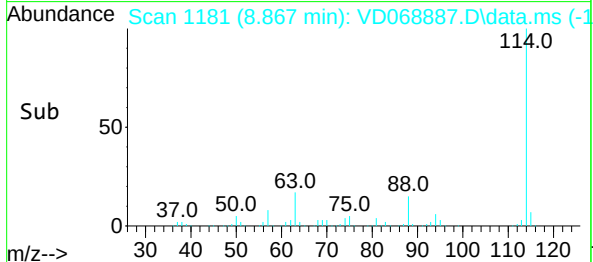
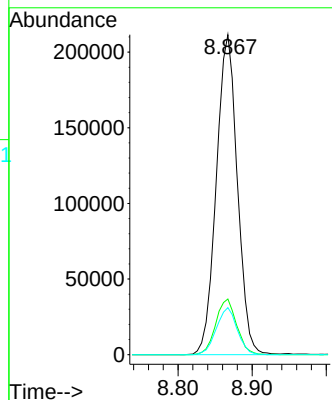
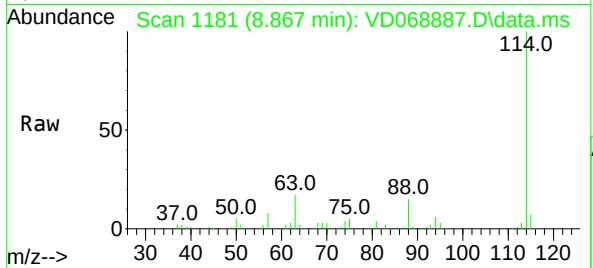




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

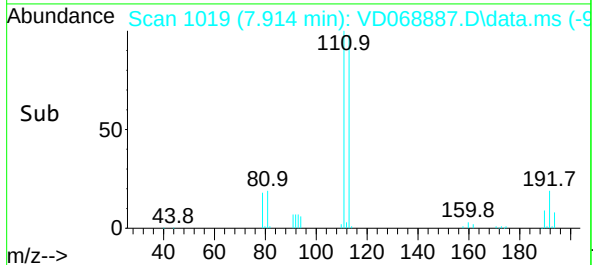
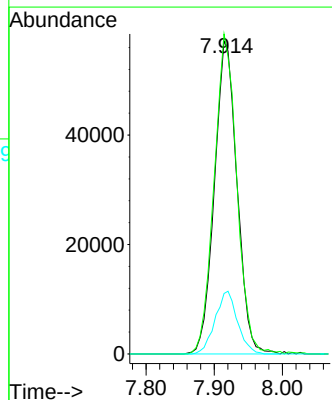
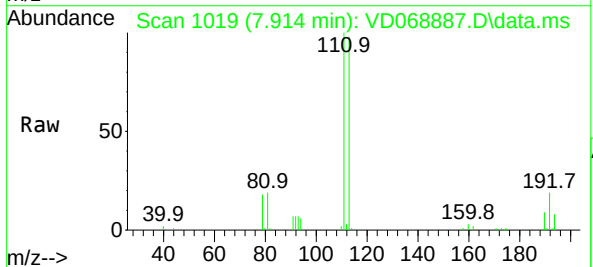
Instrument :
MSVOA_D
ClientSampled :
TP1-2-4

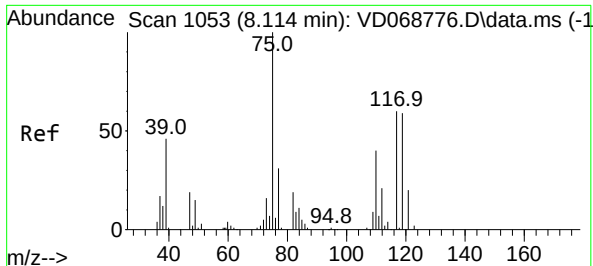
Tgt Ion:114 Resp: 417071
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 14.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.63 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Tgt Ion:113 Resp: 131916
Ion Ratio Lower Upper
113 100
111 102.8 82.5 123.7
192 19.8 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.19 ug/l

RT: 7.979 min Scan# 1030

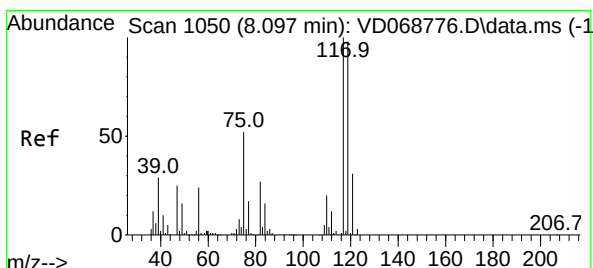
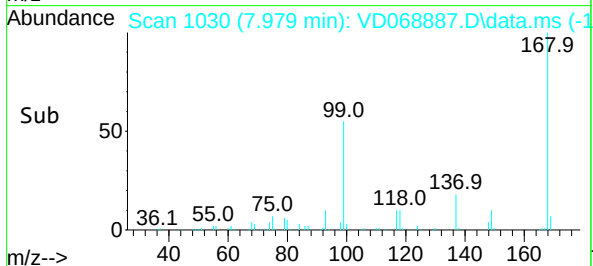
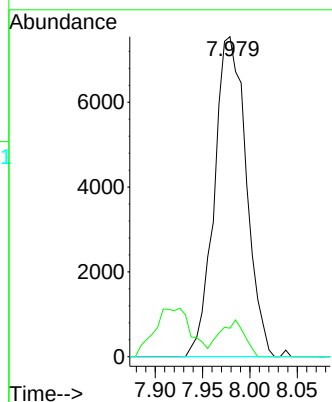
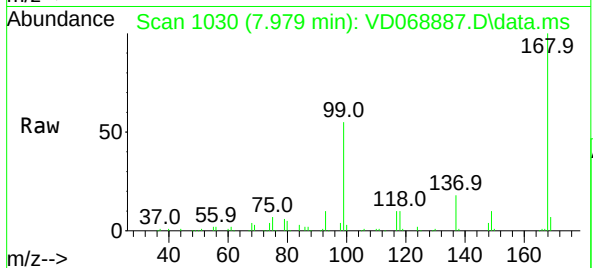
Delta R.T. -0.135 min

Lab File: VD068887.D

Acq: 16 Apr 2021 20:37

Tgt Ion:	75	Resp:	17668
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	24.7	37.1#

Instrument :
MSVOA_D
ClientSampleId :
TP1-2-4



#38

Carbon Tetrachloride

Concen: 5.65 ug/l

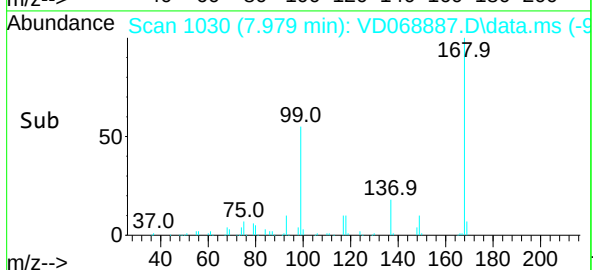
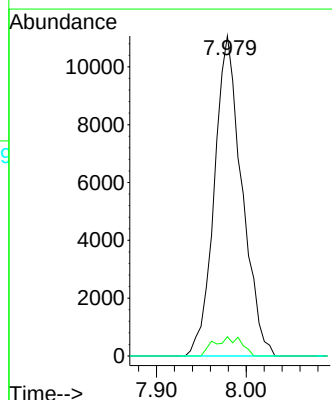
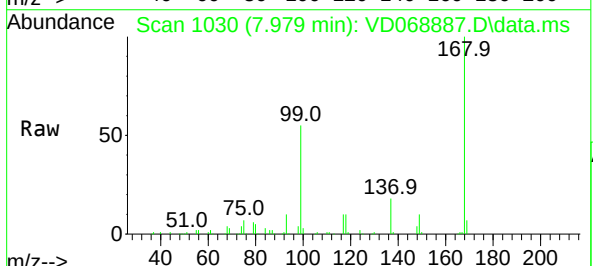
RT: 7.979 min Scan# 1030

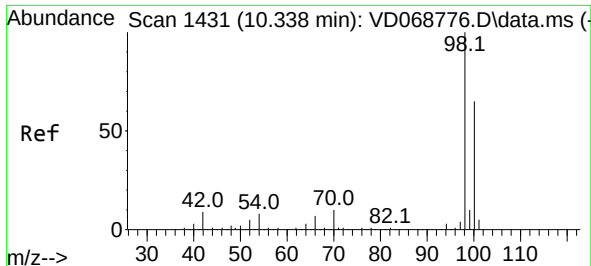
Delta R.T. -0.118 min

Lab File: VD068887.D

Acq: 16 Apr 2021 20:37

Tgt Ion:	117	Resp:	23613
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.6	115.0#
121	0.0	26.1	39.1#

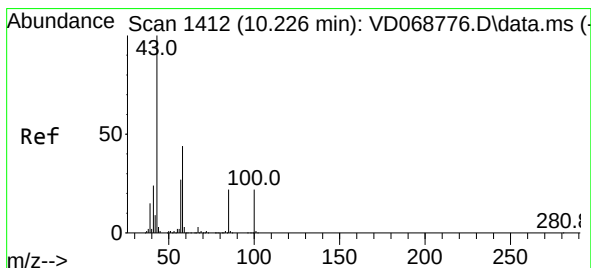
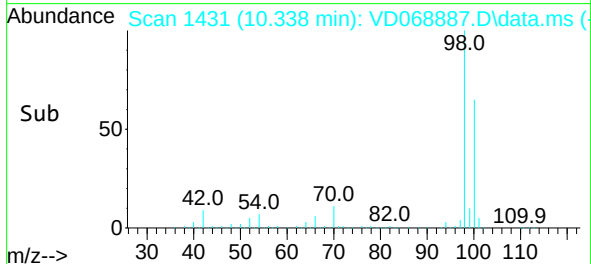
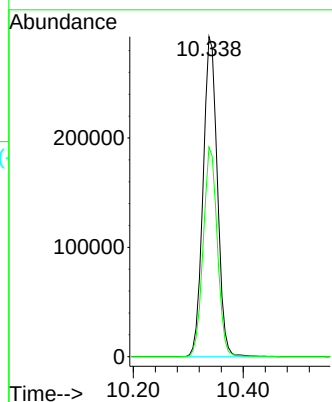
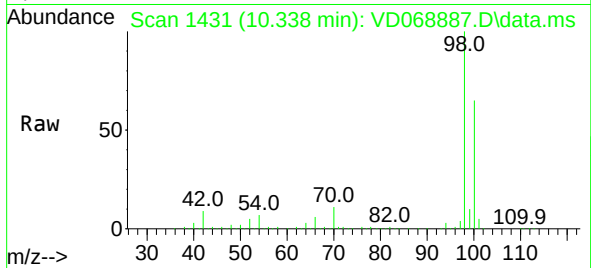




#50
Toluene-d8
Concen: 51.50 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

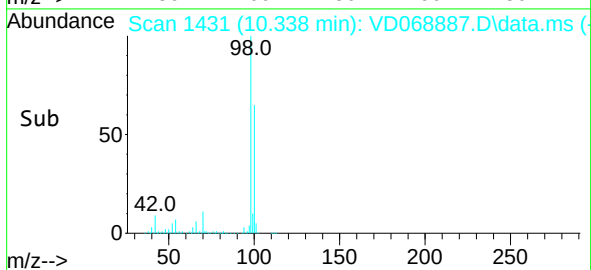
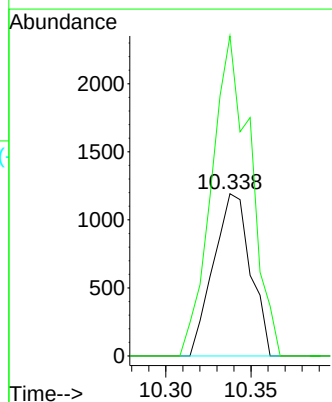
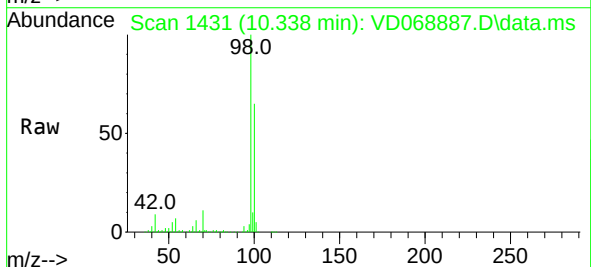
Instrument :
MSVOA_D
ClientSampleId :
TP1-2-4

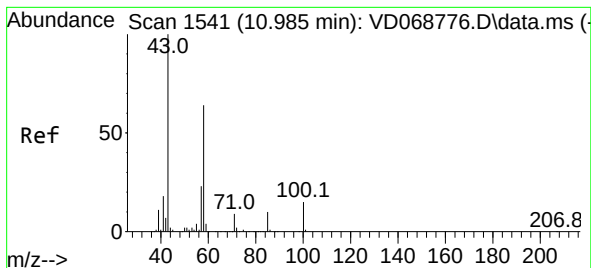
Tgt Ion: 98 Resp: 527037
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.41 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
58 207.6 37.3 55.9#

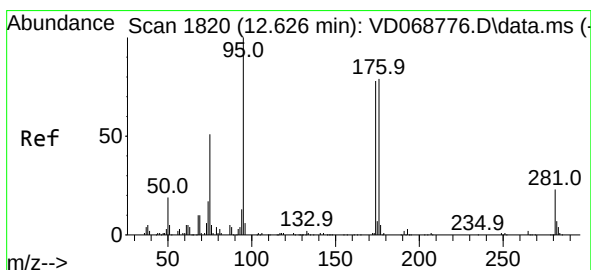
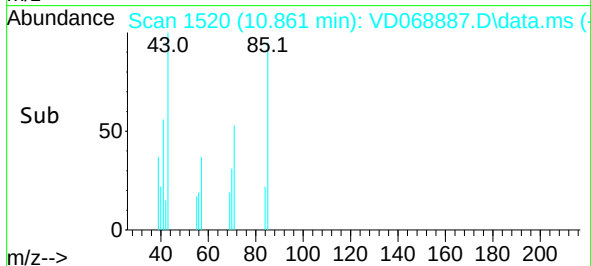
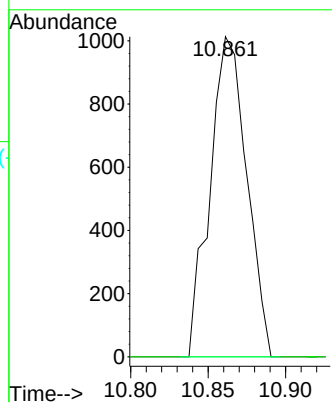
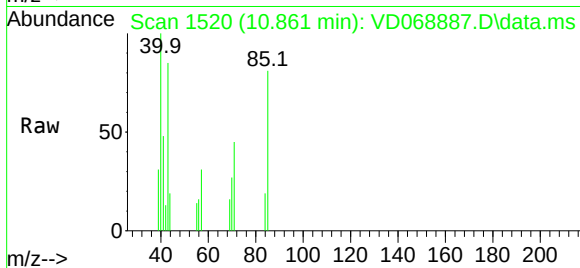




#59
2-Hexanone
Concen: 1.96 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.124 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

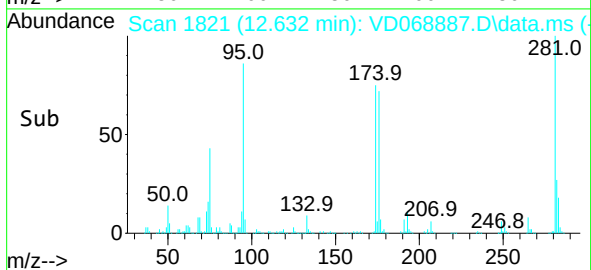
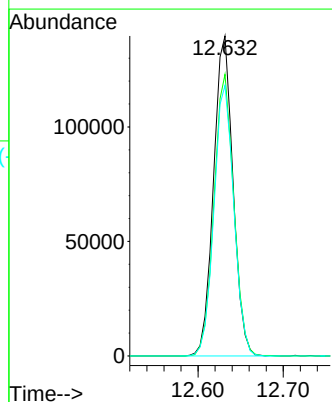
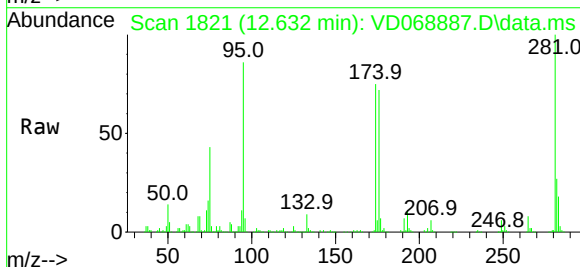
Instrument :
MSVOA_D
ClientSampled :
TP1-2-4

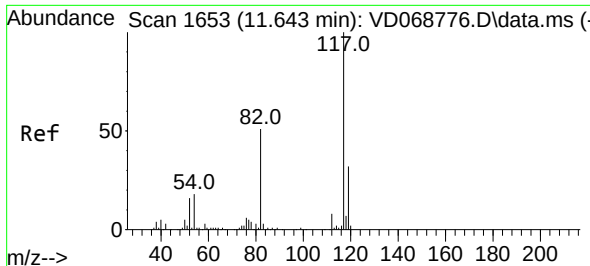
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 0.0 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 65.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Tgt Ion: 95 Resp: 221914
Ion Ratio Lower Upper
95 100
174 89.2 0.0 168.0
176 86.1 0.0 160.2

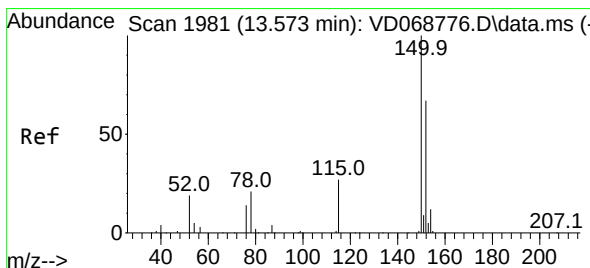
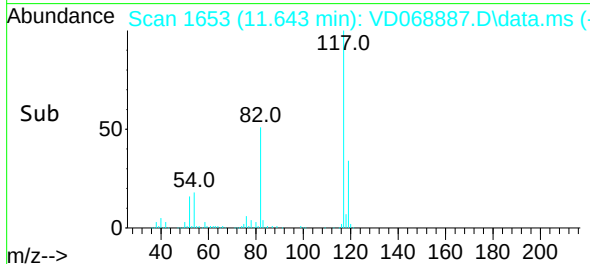
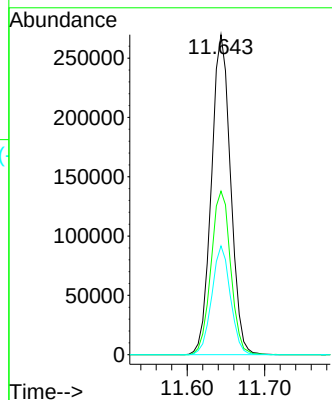
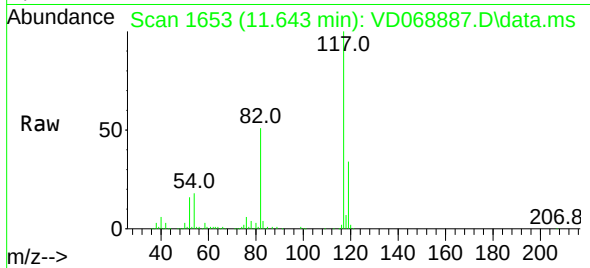




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

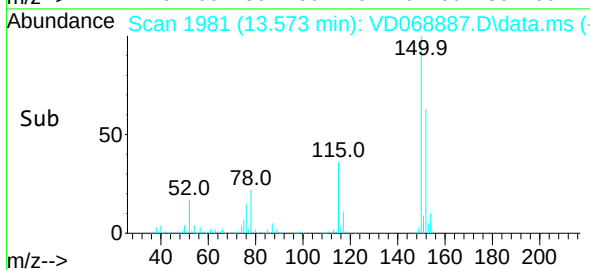
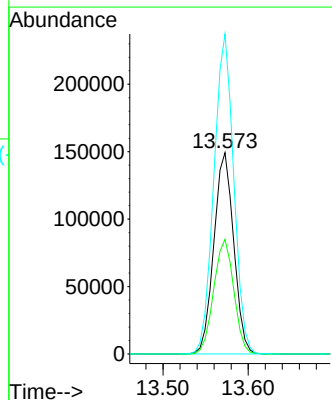
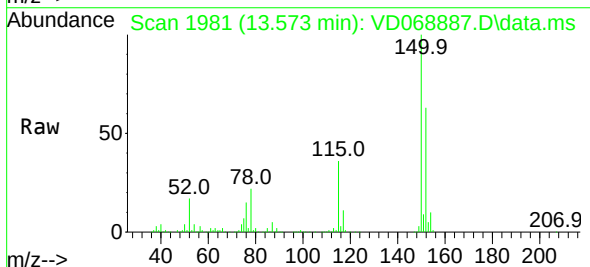
Instrument :
MSVOA_D
ClientSampleId :
TP1-2-4

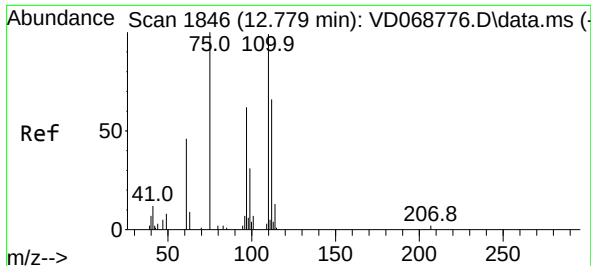
Tgt Ion:117 Resp: 463809
Ion Ratio Lower Upper
117 100
82 51.1 43.5 65.3
119 34.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Tgt Ion:152 Resp: 241435
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 158.8 0.0 347.6

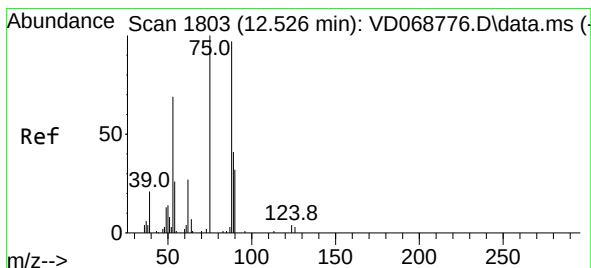
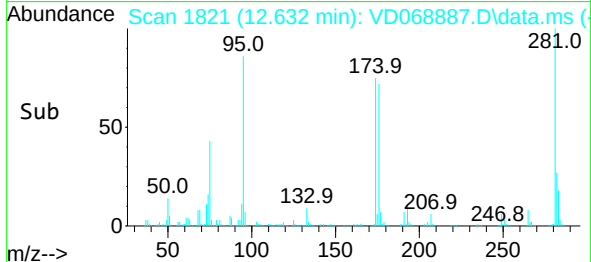
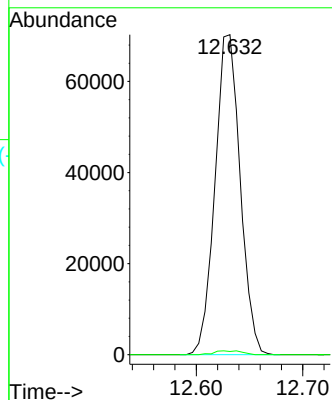
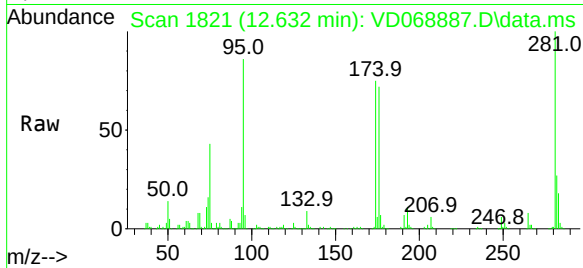




#76
1,2,3-Trichloropropane
Concen: 52.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Instrument :
MSVOA_D
ClientSampleId :
TP1-2-4

Tgt Ion: 75 Resp: 115194
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068887.D
Acq: 16 Apr 2021 20:37

Tgt Ion: 75 Resp: 115194
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 1.1 36.6 54.8#

