

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068897.D
 Acq On : 19 Apr 2021 14:12
 Operator : VA/SY
 Sample : M2063-11
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-2-4

Quant Time: Apr 20 00:52:30 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)

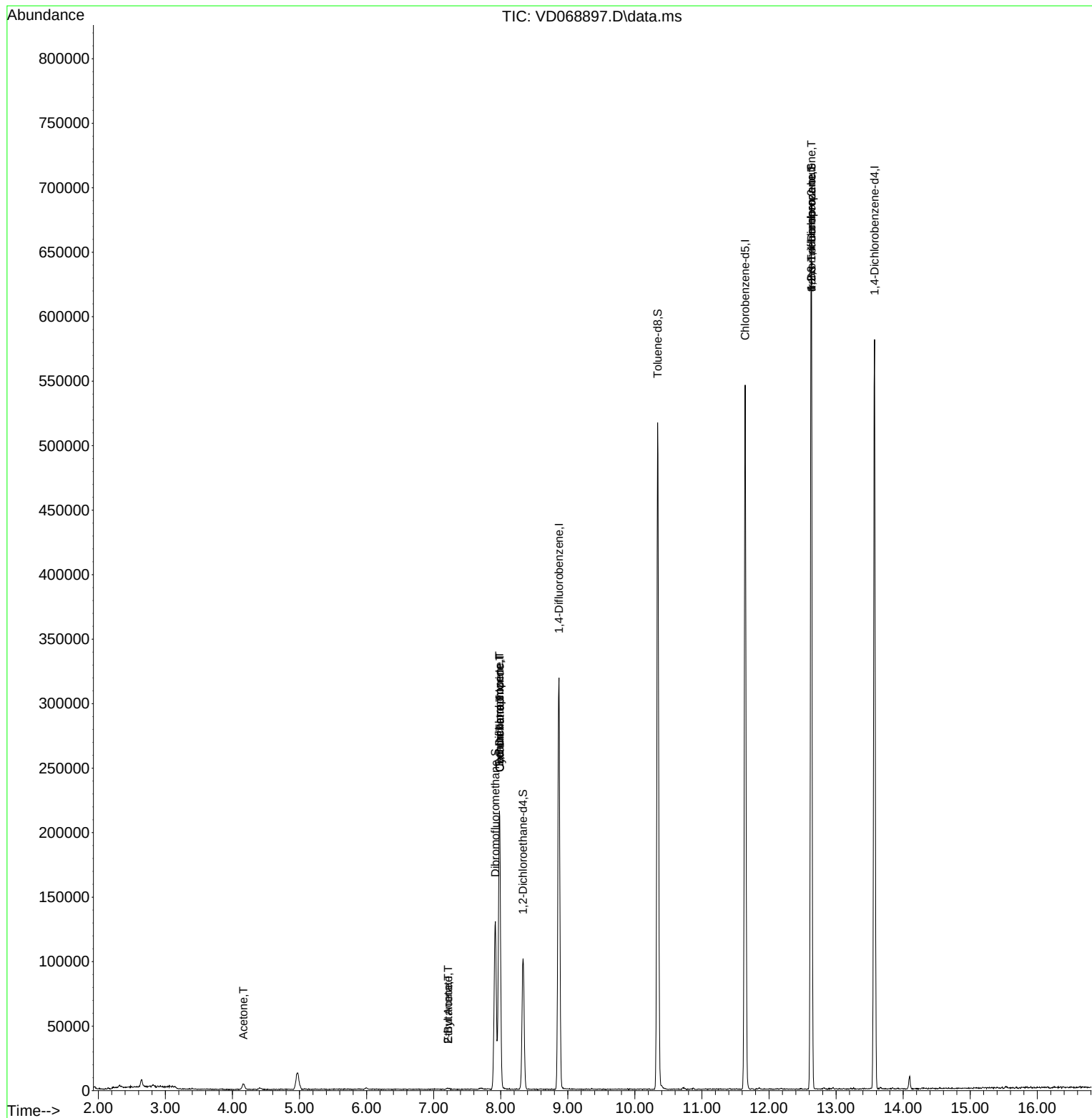
Internal Standards						
1) Pentafluorobenzene	7.979	168	167713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	291534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	331319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	162369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	82283	46.42	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.84%		
35) Dibromofluoromethane	7.920	113	93456	49.28	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.56%		
50) Toluene-d8	10.338	98	370933	51.85	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.70%		
62) 4-Bromofluorobenzene	12.632	95	151506	63.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	127.54%		
Target Compounds						
11) Tert butyl alcohol	5.209	59	59	Below Cal	#	73
16) Acetone	4.162	43	7684	31.31	ug/l	98
25) 2-Butanone	7.214	43	1594	4.59	ug/l	90
31) Cyclohexane	7.985	56	3792	1.29	ug/l	# 64
36) 1,1-Dichloropropene	7.979	75	12507	4.24	ug/l	# 49
37) Ethyl Acetate	7.214	43	1594	1.84	ug/l	# 64
38) Carbon Tetrachloride	7.985	117	16402	5.61	ug/l	# 14
76) 1,2,3-Trichloropropane	12.632	75	77318	52.12	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	77318	120.97	ug/l	# 16

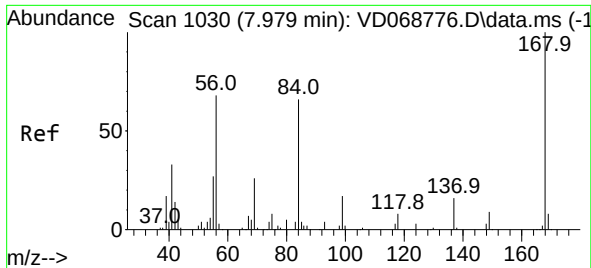
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068897.D
Acq On : 19 Apr 2021 14:12
Operator : VA/SY
Sample : M2063-11
Misc : 6.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3-2-4

Quant Time: Apr 20 00:52:30 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

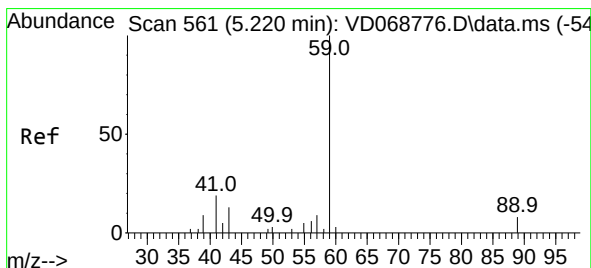
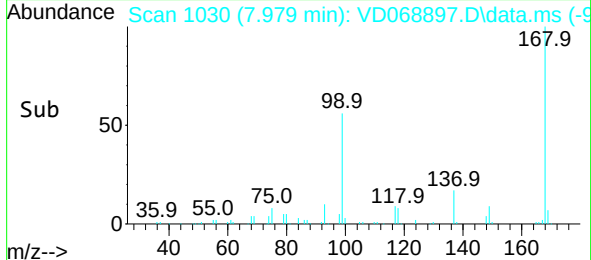
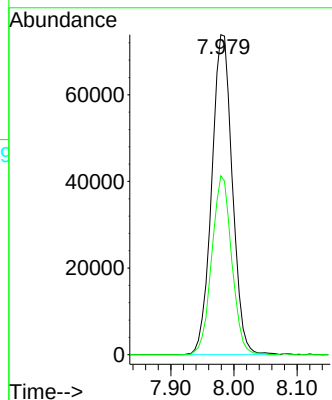
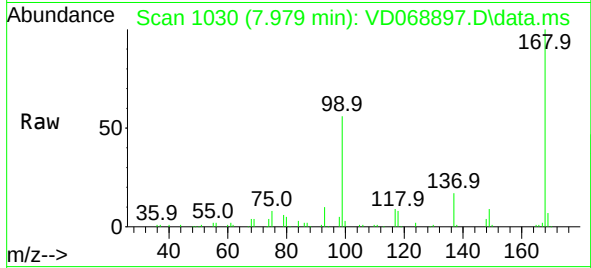




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

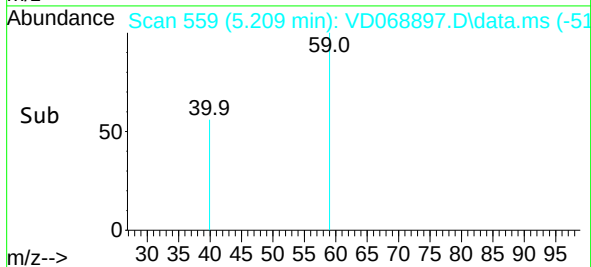
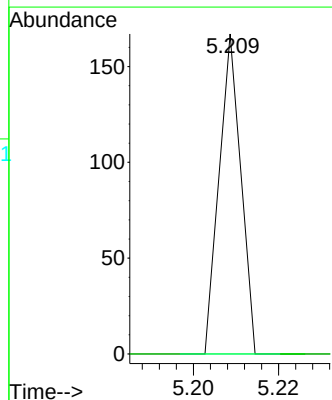
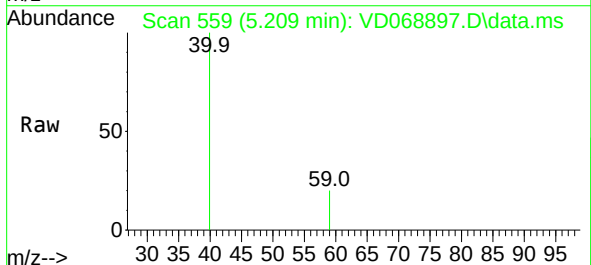
Instrument :
MSVOA_D
ClientSampleId :
TP3-2-4

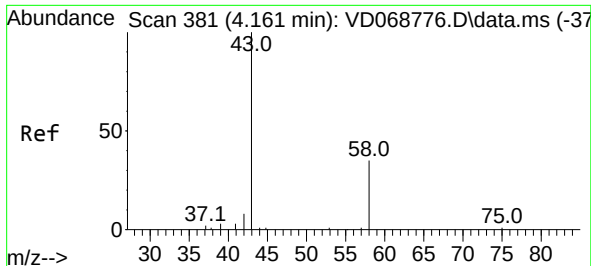
Tgt Ion:168 Resp: 167713
Ion Ratio Lower Upper
168 100
99 55.9 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

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

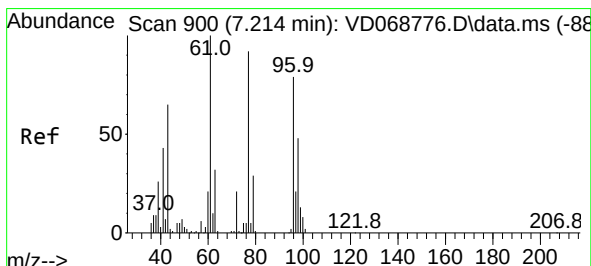
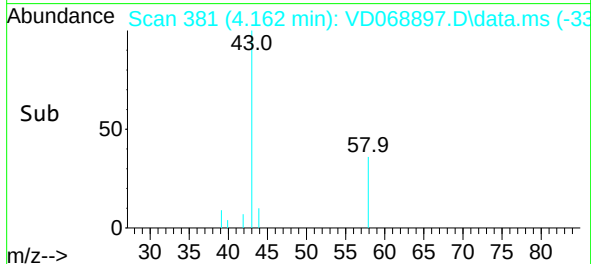
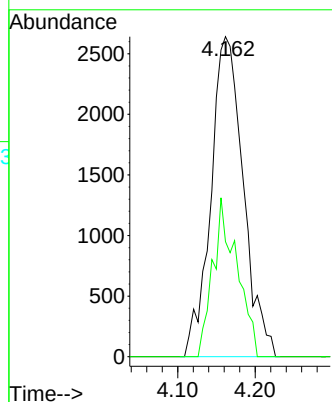
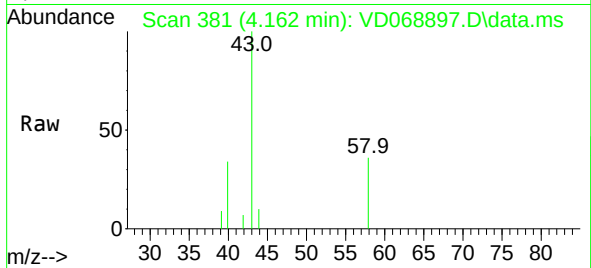




#16
Acetone
Concen: 31.31 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

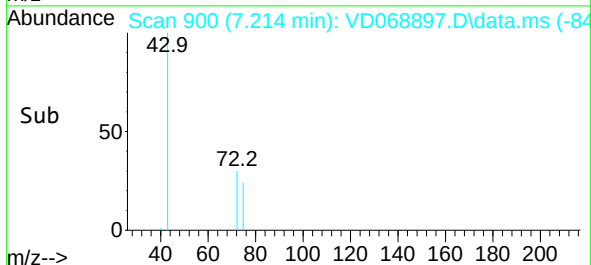
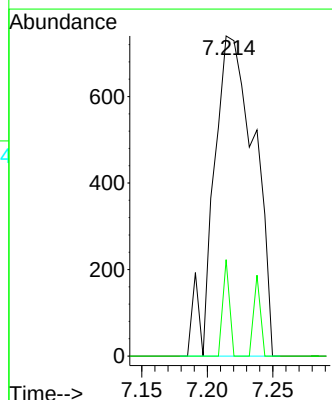
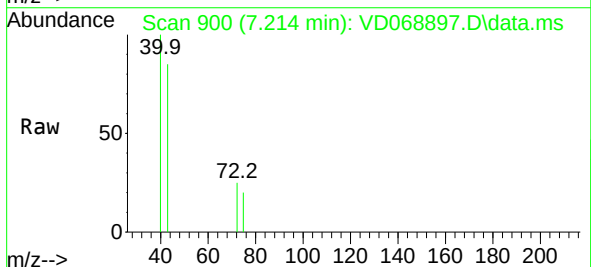
Instrument :
MSVOA_D
ClientSampleId :
TP3-2-4

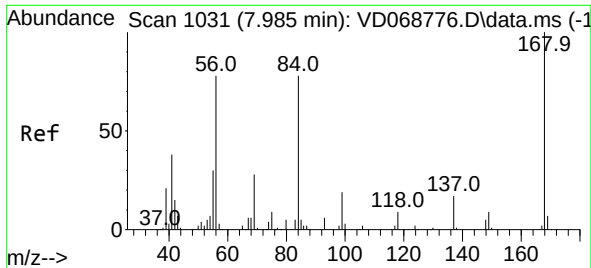
Tgt Ion: 43 Resp: 7684
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0



#25
2-Butanone
Concen: 4.59 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

Tgt Ion: 43 Resp: 1594
Ion Ratio Lower Upper
43 100
72 30.1 28.6 43.0

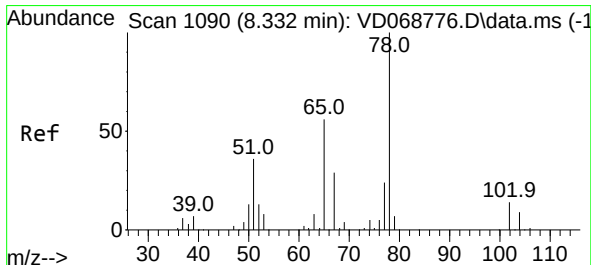
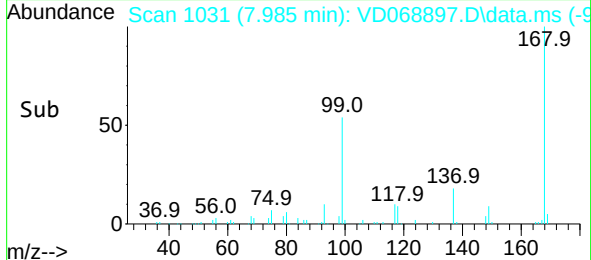
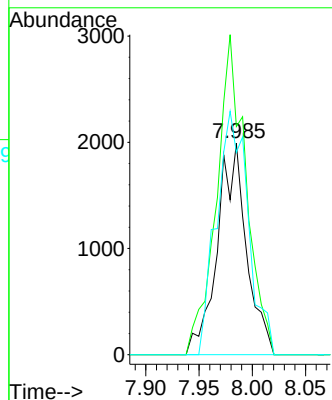
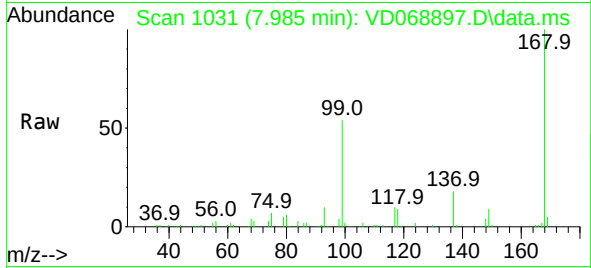




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

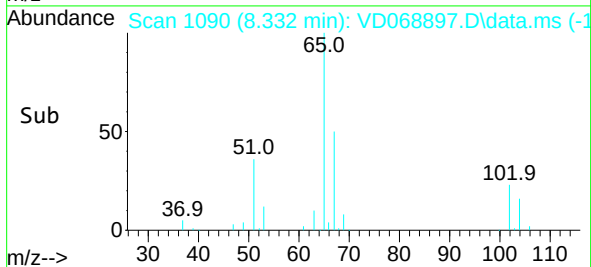
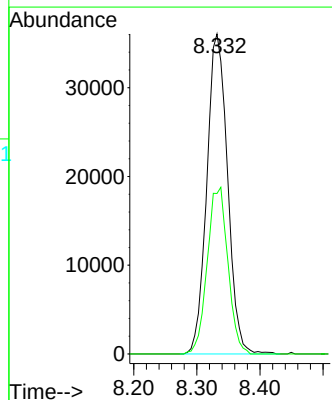
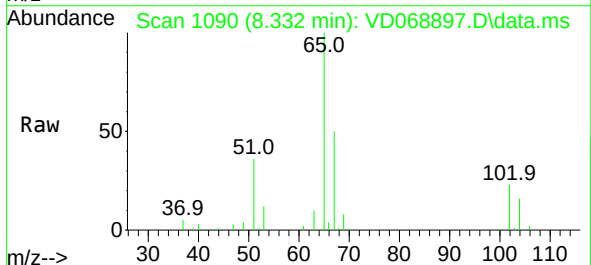
Instrument :
MSVOA_D
ClientSampled :
TP3-2-4

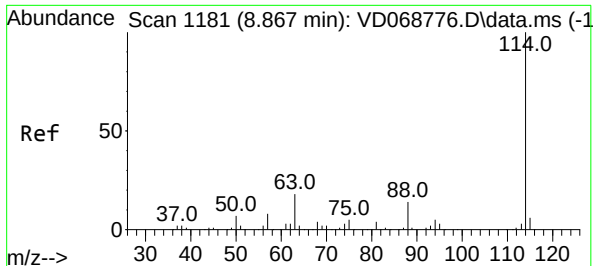
Tgt Ion: 56 Resp: 3792
Ion Ratio Lower Upper
56 100
69 107.8 30.0 45.0#
84 95.6 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 46.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

Tgt Ion: 65 Resp: 82283
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

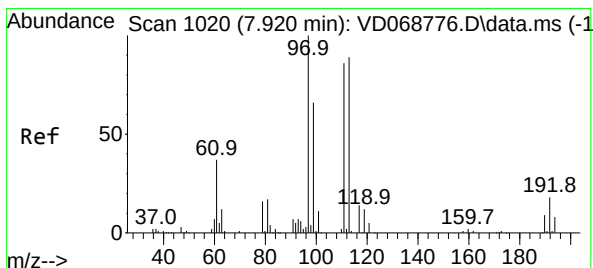
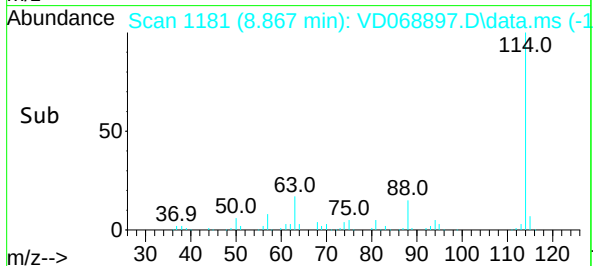
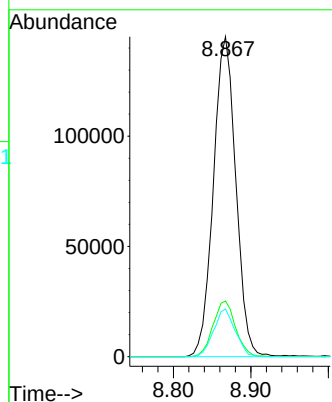
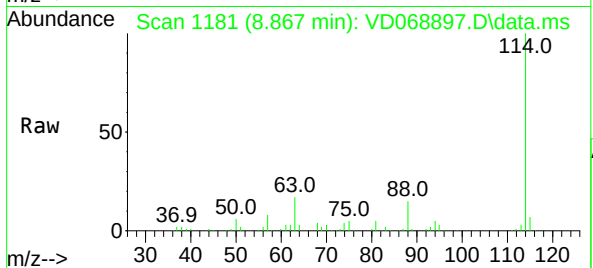




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

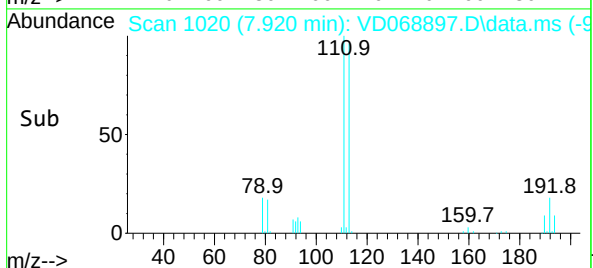
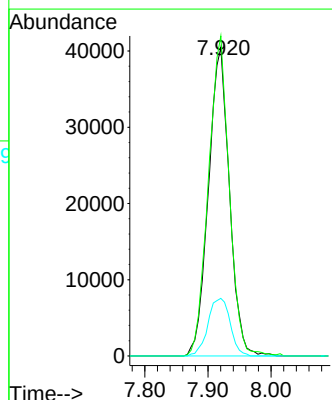
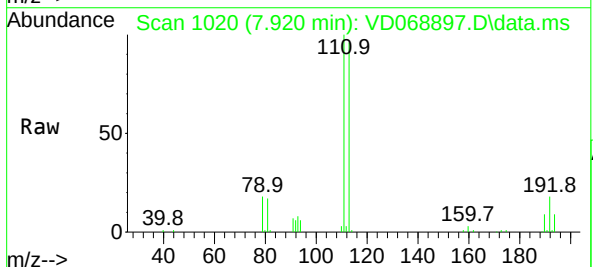
Instrument :
MSVOA_D
ClientSampled :
TP3-2-4

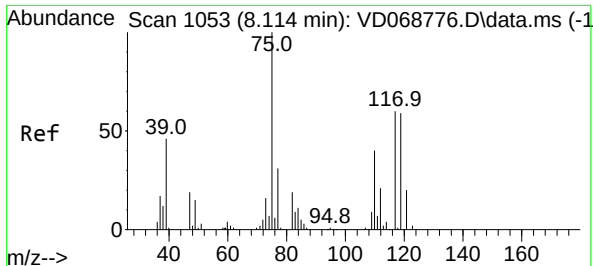
Tgt Ion:114 Resp: 291534
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.28 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

Tgt Ion:113 Resp: 93456
Ion Ratio Lower Upper
113 100
111 103.0 82.5 123.7
192 19.7 15.1 22.7



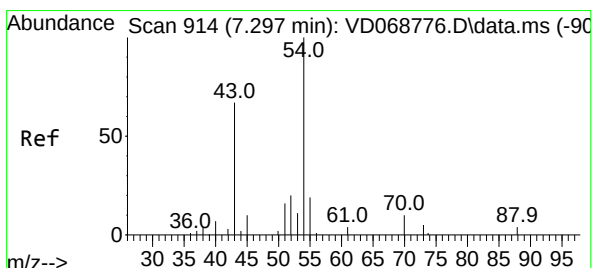
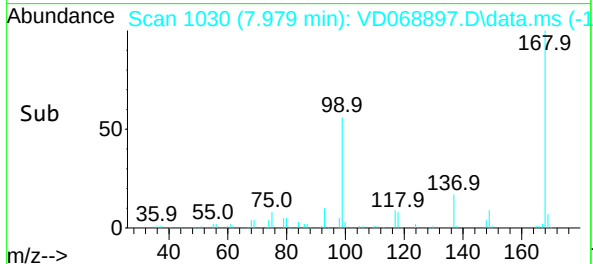
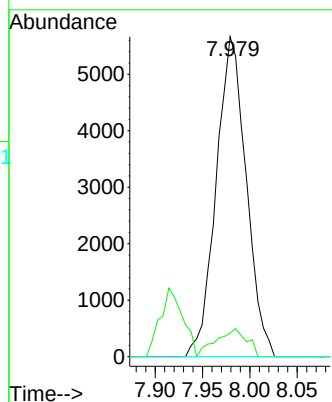
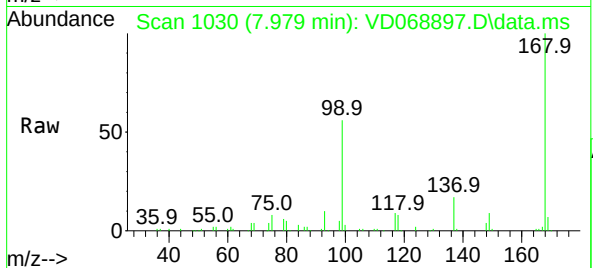


#36

1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

Instrument :
MSVOA_D
ClientSampled :
TP3-2-4

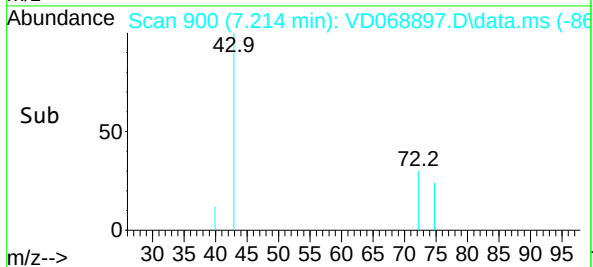
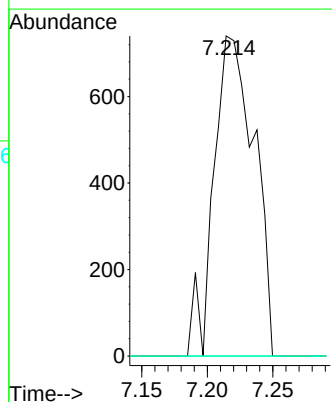
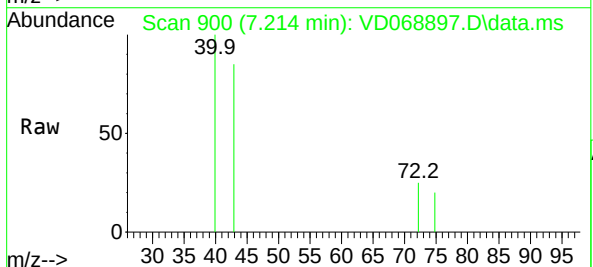
Tgt Ion: 75 Resp: 12507
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 24.7 37.1#

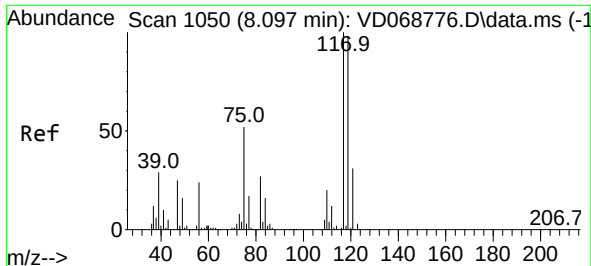


#37

Ethyl Acetate
Concen: 1.84 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.083 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

Tgt Ion: 43 Resp: 1594
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
70 0.0 9.4 14.0#

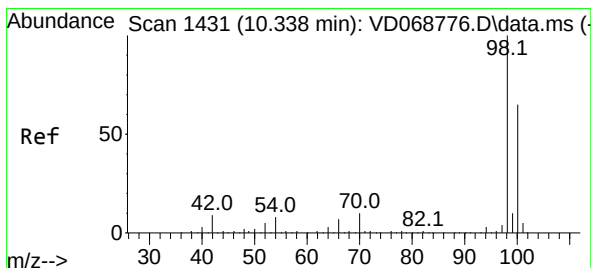
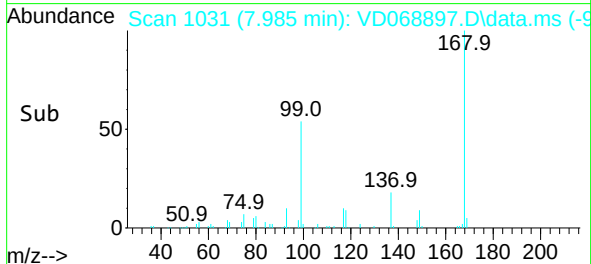
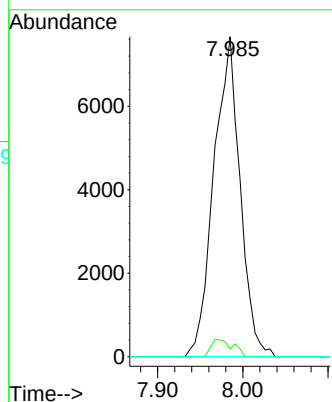
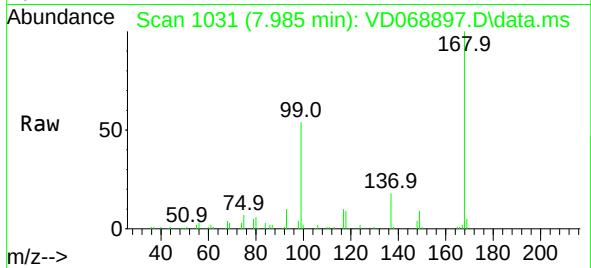




#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

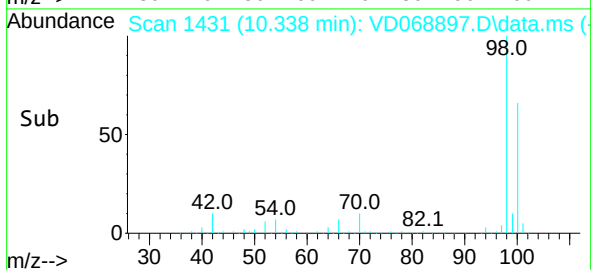
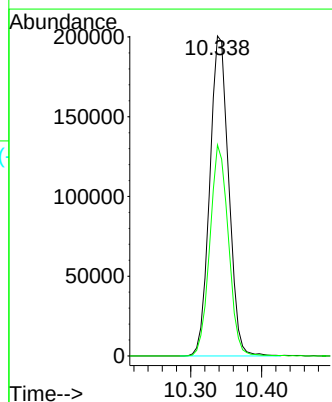
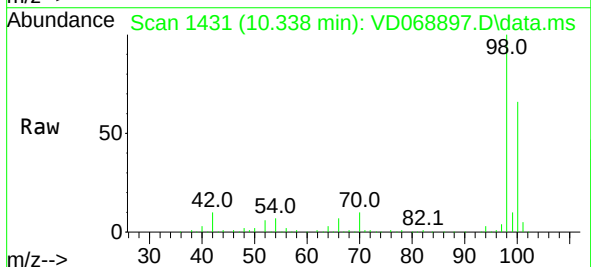
Instrument :
MSVOA_D
ClientSampled :
TP3-2-4

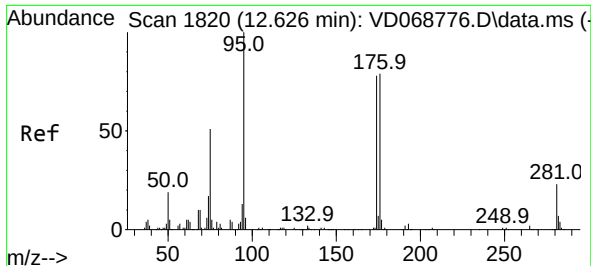
Tgt Ion:117 Resp: 16402
Ion Ratio Lower Upper
117 100
119 2.4 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

Tgt Ion: 98 Resp: 370933
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

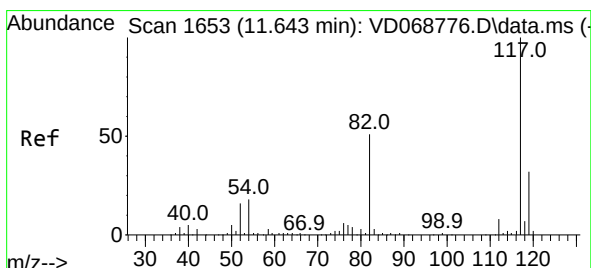
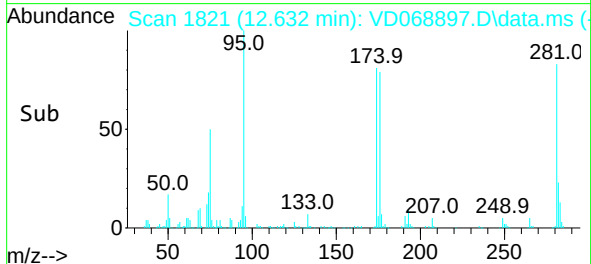
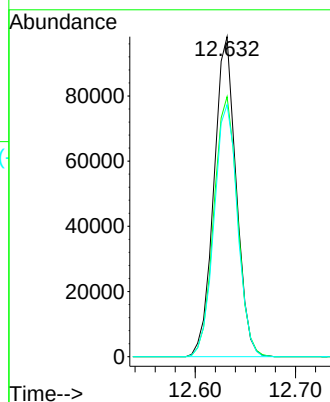
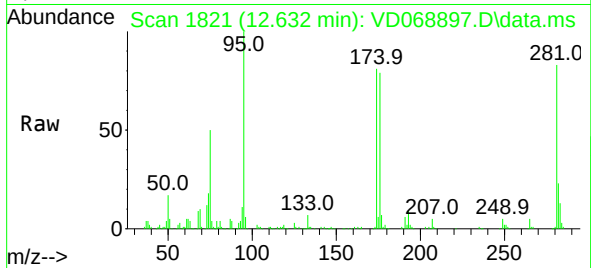




#62
4-Bromofluorobenzene
Concen: 63.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

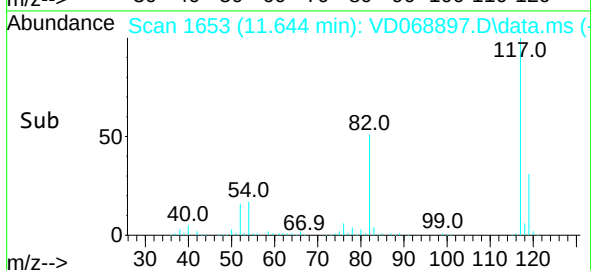
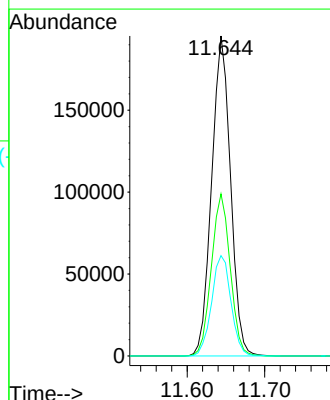
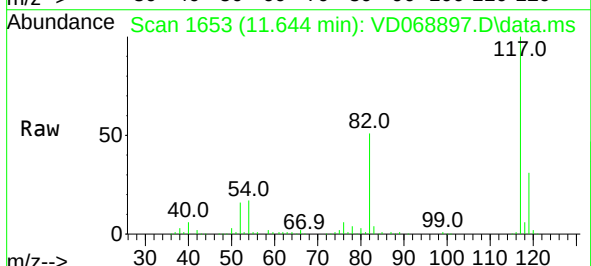
Instrument :
MSVOA_D
ClientSampleId :
TP3-2-4

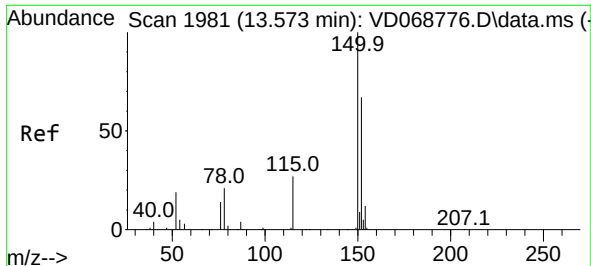
Tgt Ion: 95 Resp: 151506
Ion Ratio Lower Upper
95 100
174 85.8 0.0 168.0
176 82.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068897.D
Acq: 19 Apr 2021 14:12

Tgt Ion: 117 Resp: 331319
Ion Ratio Lower Upper
117 100
82 50.6 43.5 65.3
119 31.4 26.7 40.1

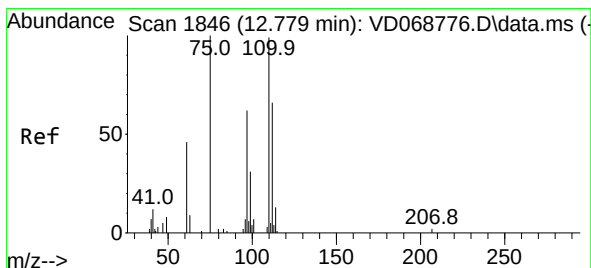
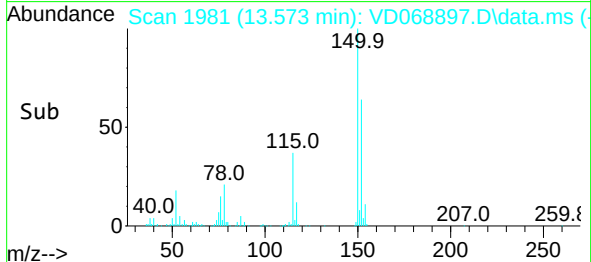
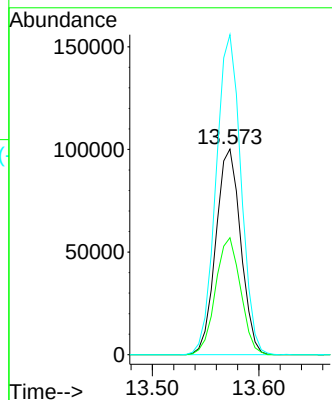
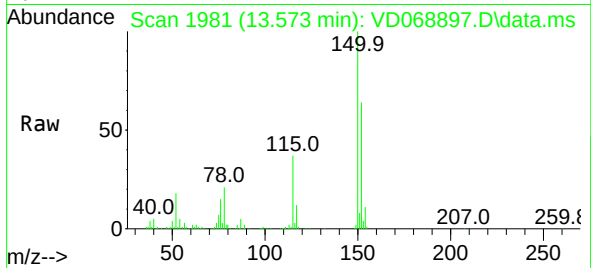




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068897.D
 Acq: 19 Apr 2021 14:12

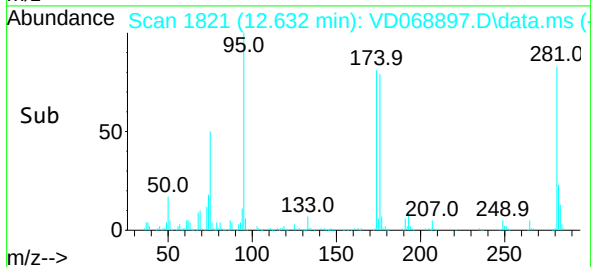
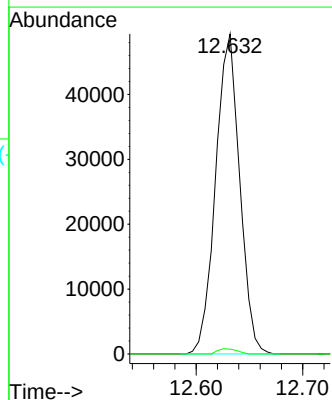
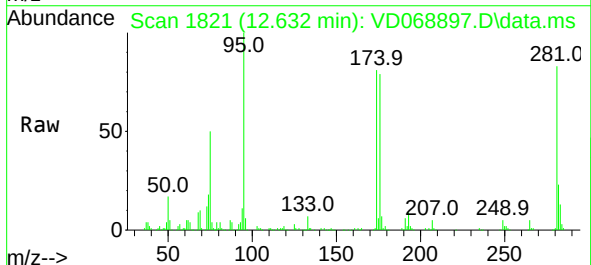
Instrument :
 MSVOA_D
 ClientSampled :
 TP3-2-4

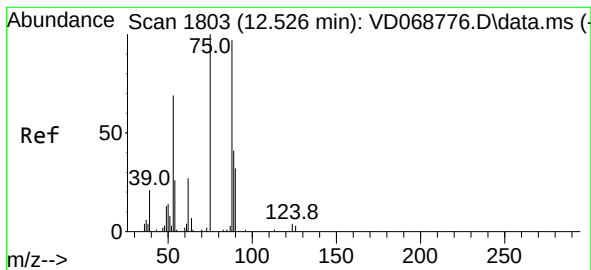
Tgt Ion:152 Resp: 162369
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.3 87.8
 150 156.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 52.12 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068897.D
 Acq: 19 Apr 2021 14:12

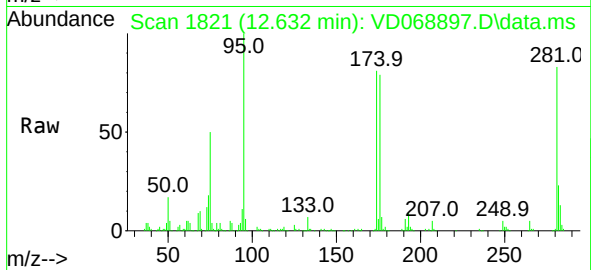
Tgt Ion: 75 Resp: 77318
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.97 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068897.D
 Acq: 19 Apr 2021 14:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-2-4



Tgt Ion: 75 Resp: 77318
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 1.1 36.6 54.8#

