

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123119\
 Data File : VD064693.D
 Acq On : 31 Dec 2019 14:19
 Operator : VA/SY
 Sample : K6455-04
 Misc : 7.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

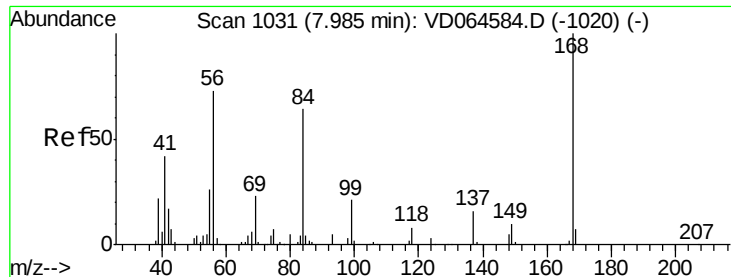
Instrument :
 MSVOA_D
 ClientSampleId :
 K435-SB4

Quant Time: Jan 01 00:46:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	480313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	761229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	680768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	226257	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	7.92	113	235946	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.34	98	920353	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.64	95	277279	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	1505	5.676	ug/l #	42
20) Methylene Chloride	4.97	84	19081	Below Cal		96
30) Chloroform	7.71	83	12038	1.454	ug/l	98
31) Cyclohexane	7.98	56	10448	1.323	ug/l #	6
36) 1,1-Dichloropropene	7.98	75	33606	4.587	ug/l #	50
38) Carbon Tetrachloride	7.98	117	46332	5.930	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	147475	59.938	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	147475	125.358	ug/l #	10

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD123119\  
Data File : VD064693.D  
Acq On    : 31 Dec 2019   14:19  
Operator  : VA/SY  
Sample    : K6455-04  
Misc      : 7.82G/5.00ml/MSV0A_D/SOIL  
ALS Vial  : 11      Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064693.D

Acq: 31 Dec 2019 14:19

Instrument :

MSVOA_D

ClientSampleId :

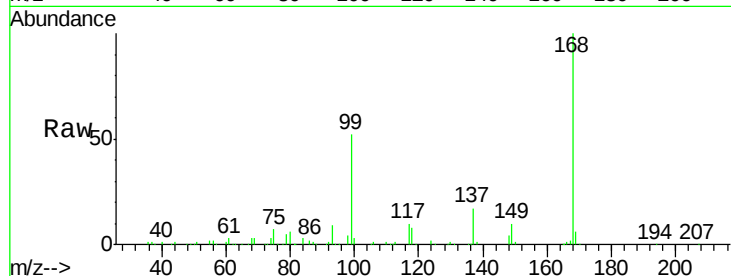
K435-SB4

Tgt Ion:168 Resp: 480313

Ion Ratio Lower Upper

168 100

99 52.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

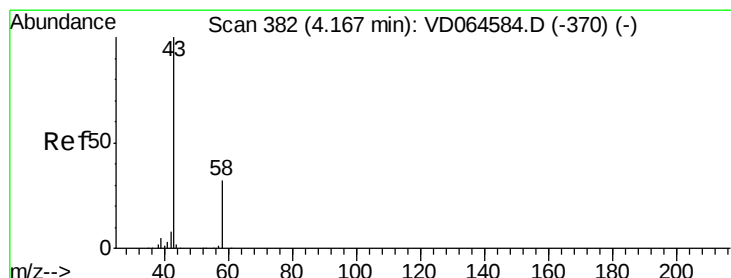
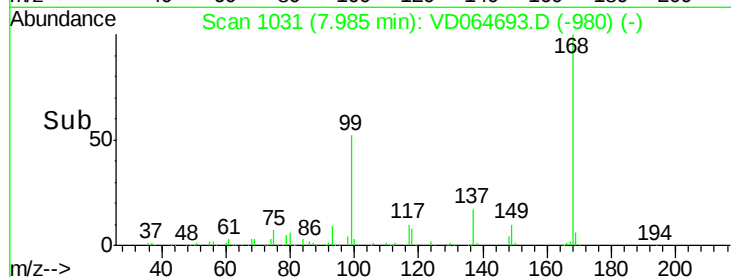
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.676 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064693.D

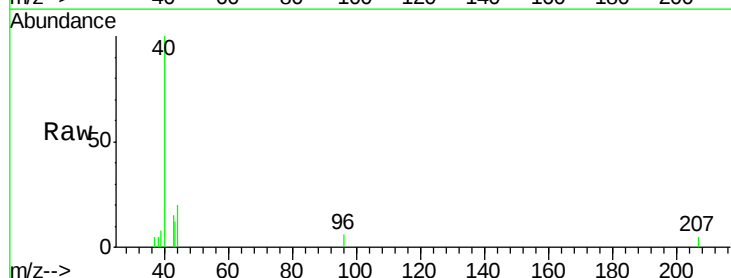
Acq: 31 Dec 2019 14:19

Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

1000

800

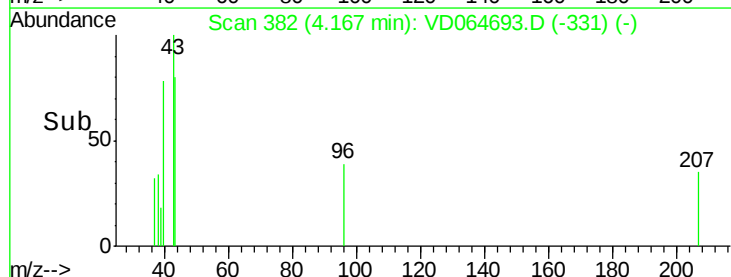
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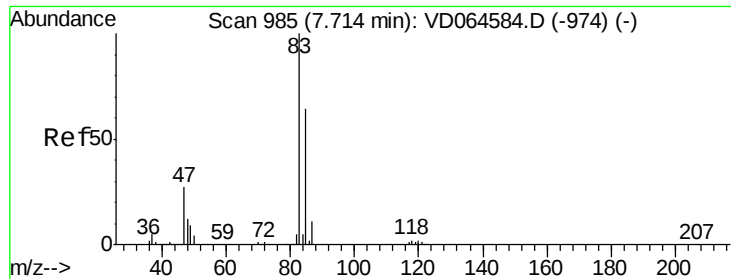
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200

0

Time-->

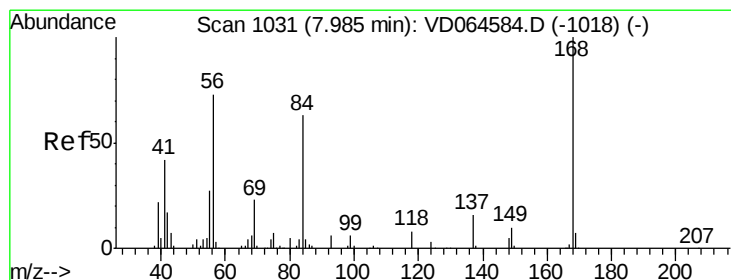
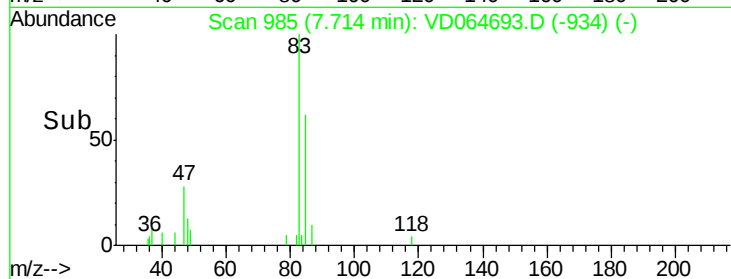
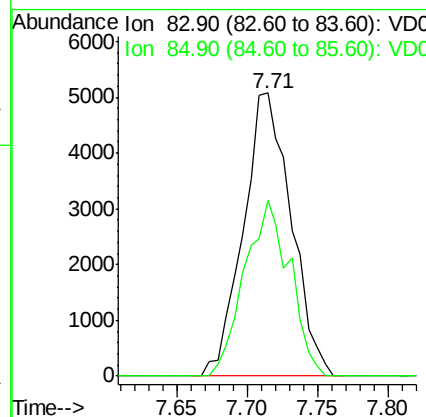
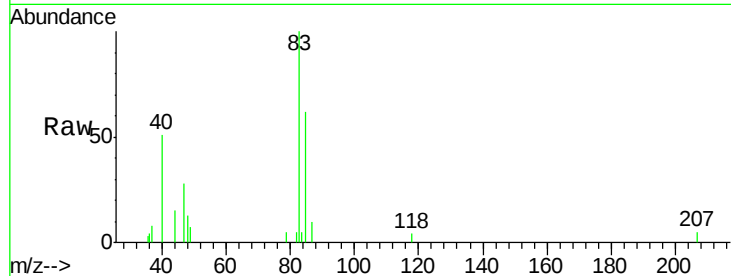




#30
Chloroform
Concen: 1.454 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064693.D
Acq: 31 Dec 2019 14:19

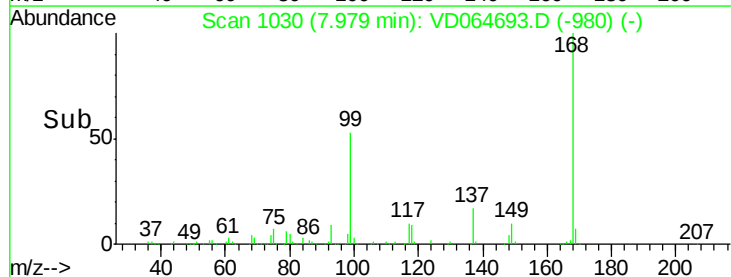
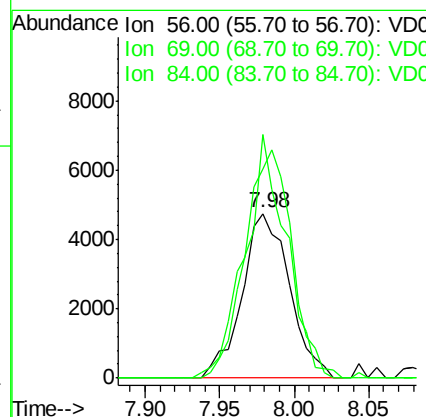
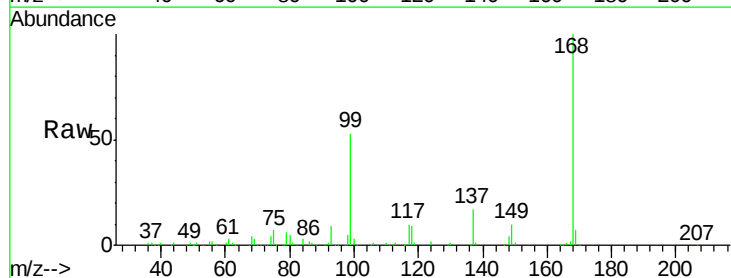
Instrument :
MSVOA_D
ClientSampleId :
K435-SB4

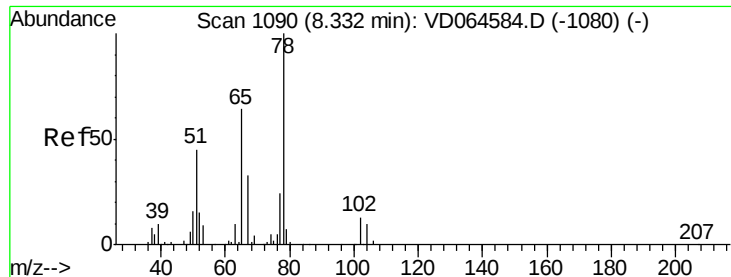
Tgt Ion: 83 Resp: 12038
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064693.D
Acq: 31 Dec 2019 14:19

Tgt Ion: 56 Resp: 10448
Ion Ratio Lower Upper
56 100
69 126.6 24.7 37.1#
84 147.7 69.4 104.2#

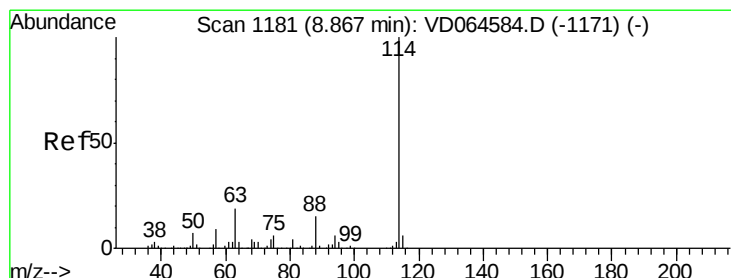
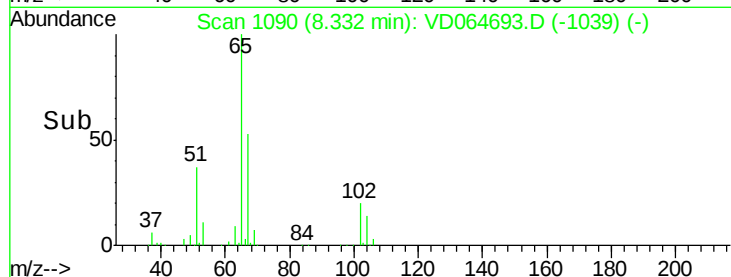
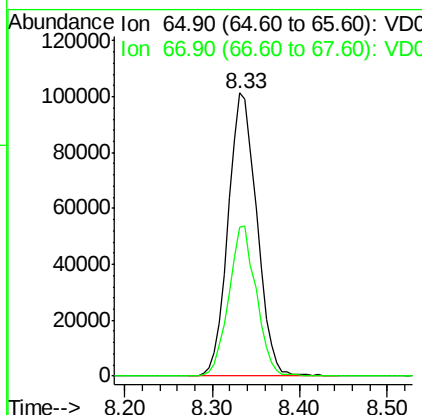
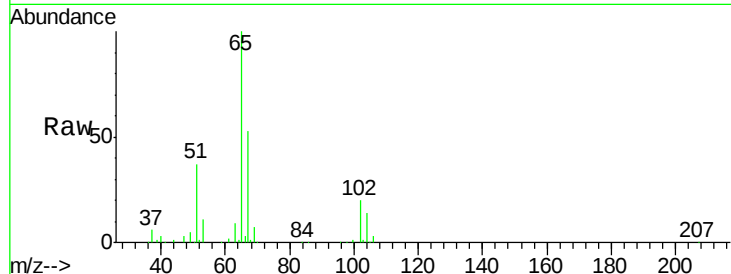




#33
 1,2-Dichloroethane-d4
 Concen: 53.421 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064693.D
 Acq: 31 Dec 2019 14:19

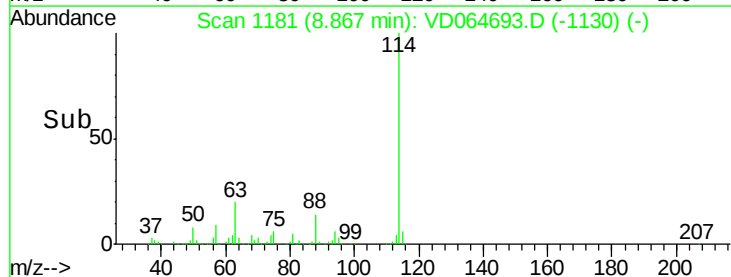
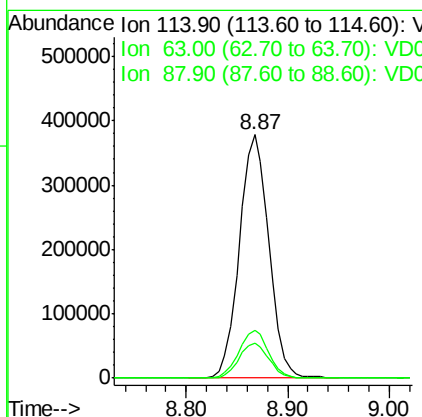
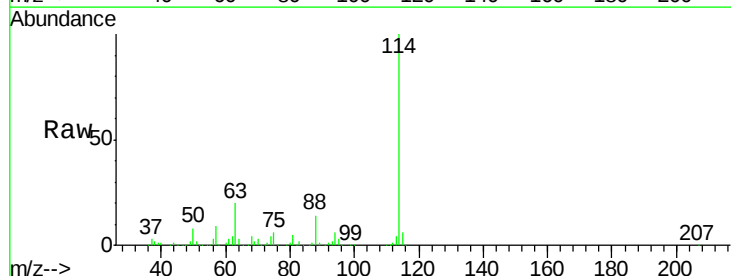
Instrument :
 MSVOA_D
 ClientSampleId :
 K435-SB4

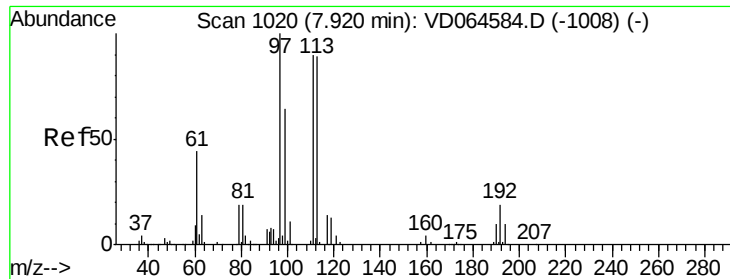
Tgt Ion: 65 Resp: 226257
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064693.D
 Acq: 31 Dec 2019 14:19

Tgt Ion: 114 Resp: 761229
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 14.3 0.0 29.2

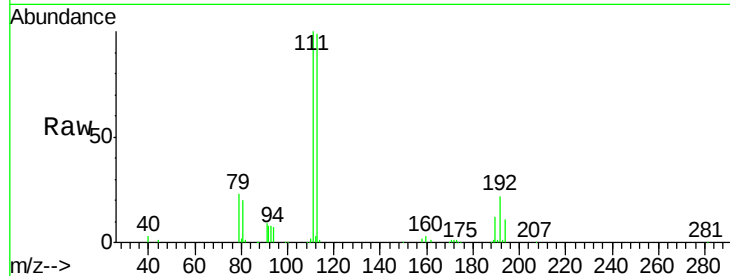




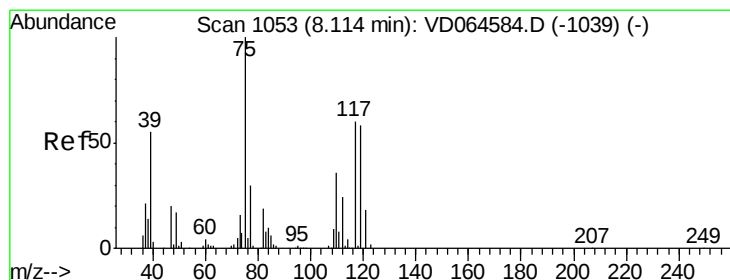
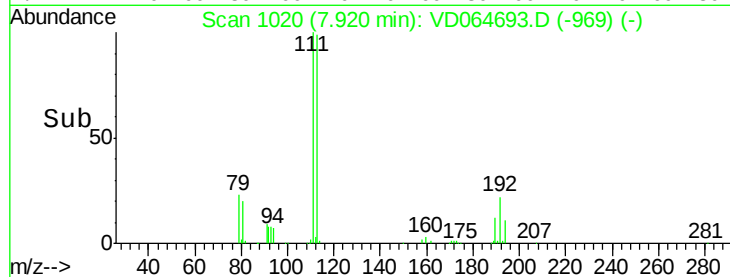
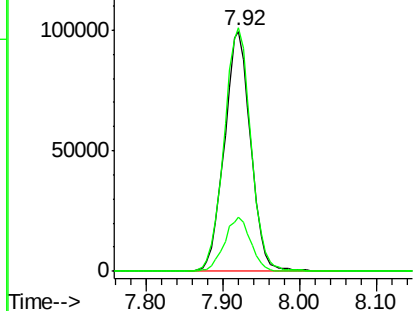
#35
 Dibromofluoromethane
 Concen: 50.521 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064693.D
 Acq: 31 Dec 2019 14:19

Instrument :
 MSVOA_D
 ClientSampled :
 K435-SB4

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.6	121.0
192	22.4	17.9	26.9

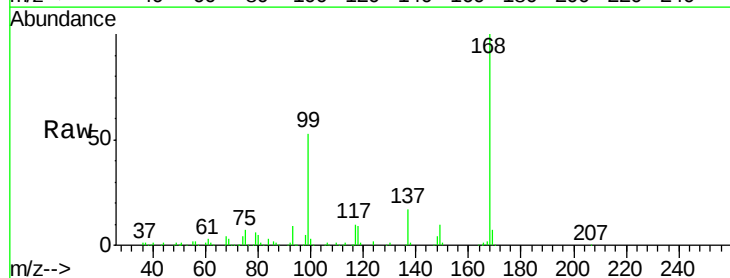


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

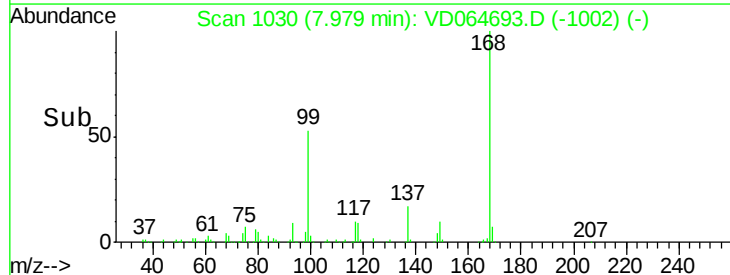
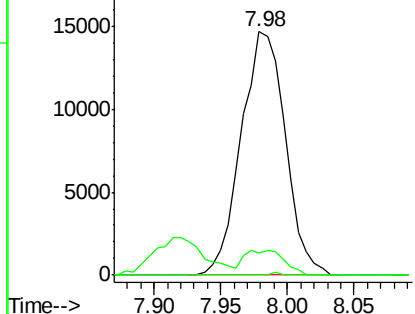


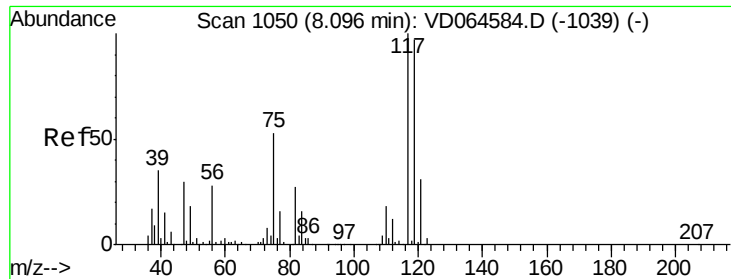
#36
 1,1-Dichloropropene
 Concen: 4.587 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064693.D
 Acq: 31 Dec 2019 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.2	24.2	36.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

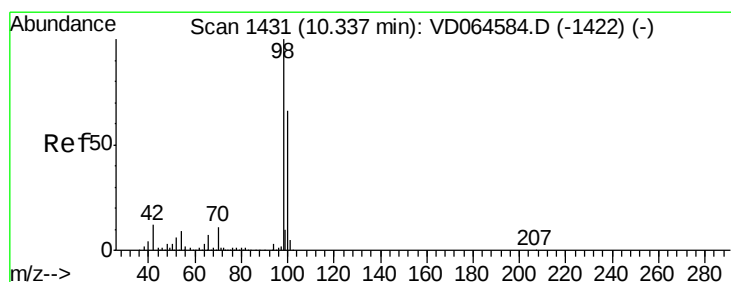
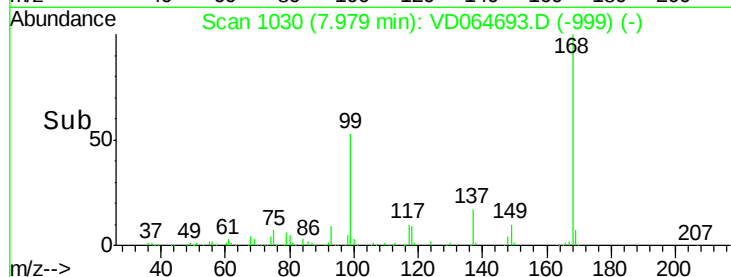
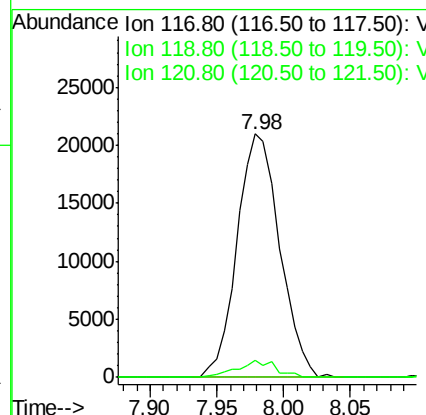
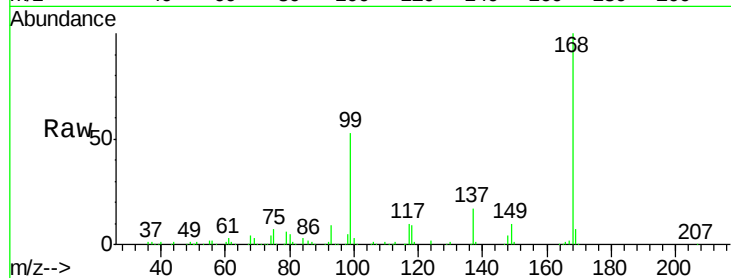




#38
Carbon Tetrachloride
Concen: 5.930 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064693.D
Acq: 31 Dec 2019 14:19

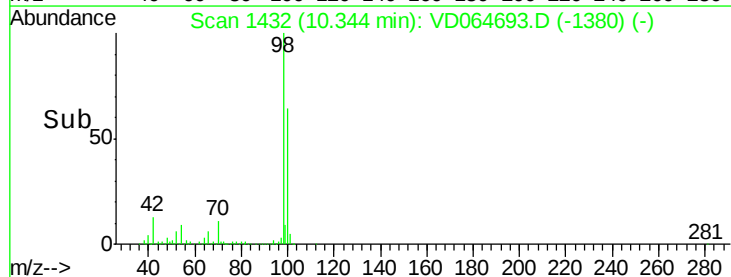
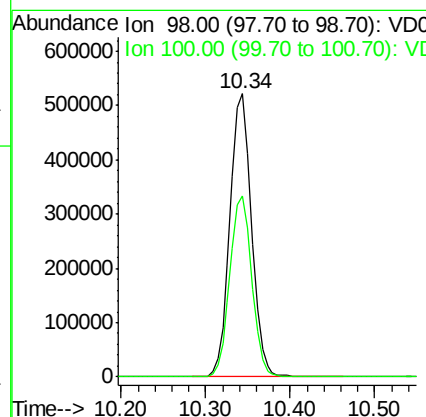
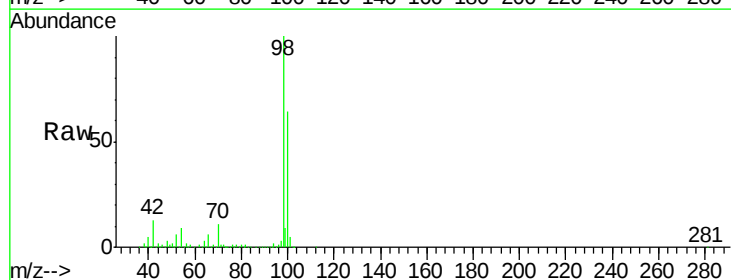
Instrument :
MSVOA_D
ClientSampleId :
K435-SB4

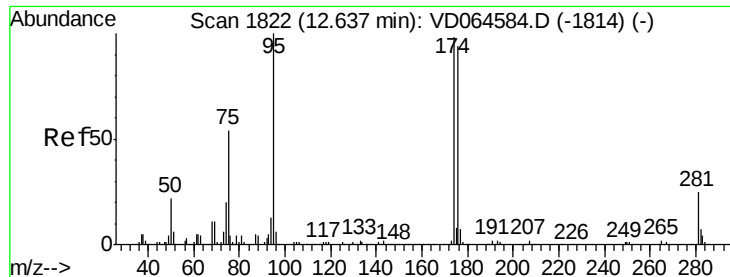
Tgt Ion: 117 Resp: 46332
Ion Ratio Lower Upper
117 100
119 7.1 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.455 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064693.D
Acq: 31 Dec 2019 14:19

Tgt Ion: 98 Resp: 920353
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

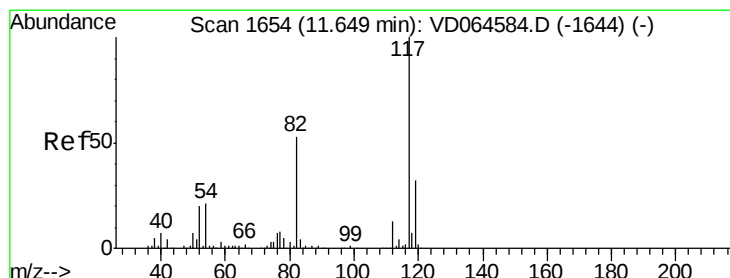
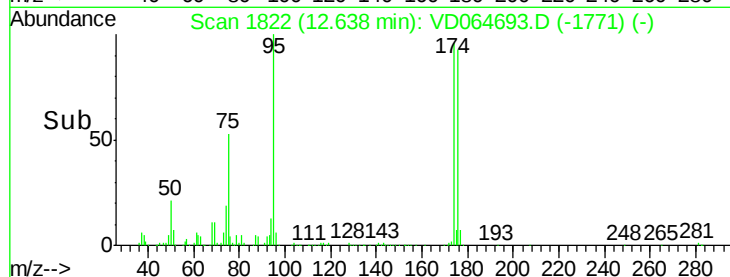
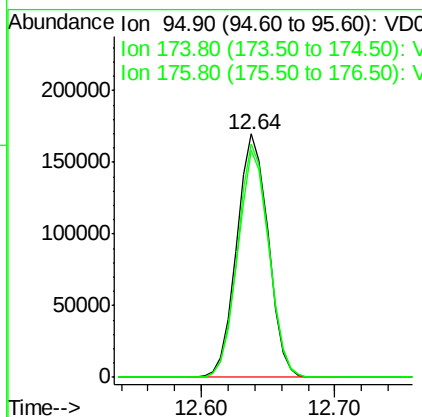
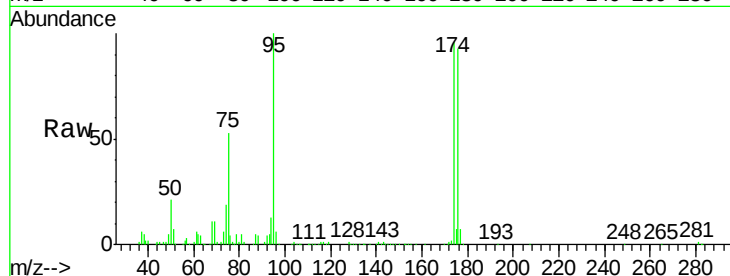




#62
4-Bromofluorobenzene
Concen: 49.024 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064693.D
Acq: 31 Dec 2019 14:19

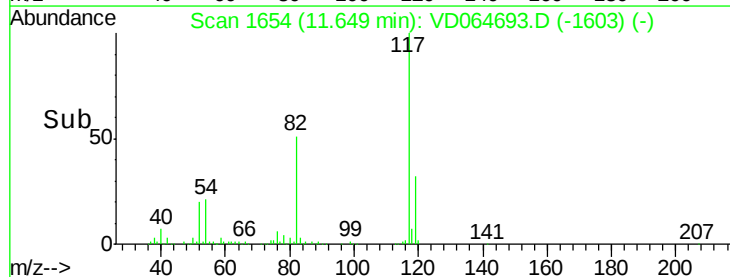
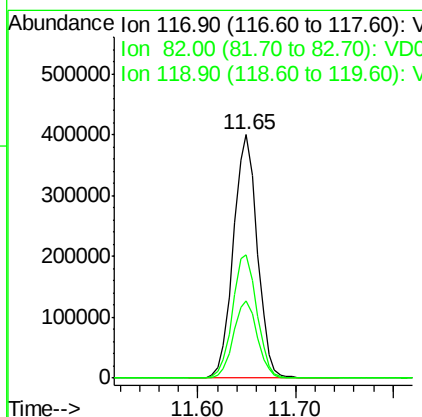
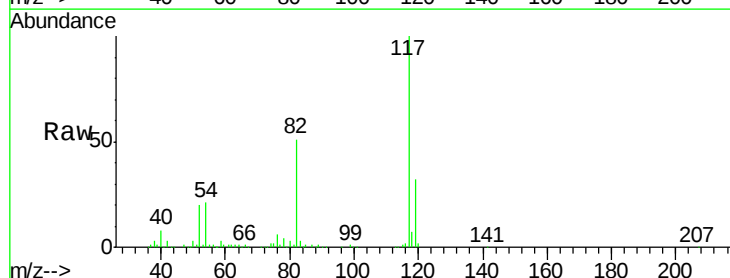
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ClientSampleId :
K435-SB4

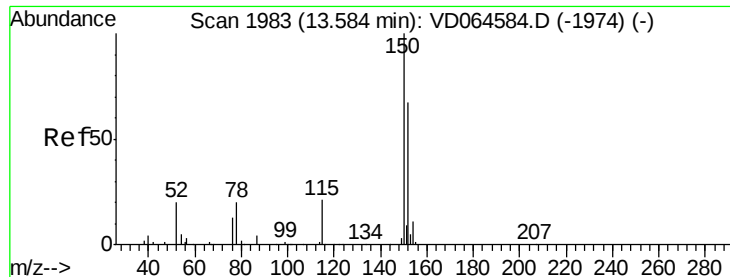
Tgt Ion: 95 Resp: 277279
Ion Ratio Lower Upper
95 100
174 95.2 0.0 193.2
176 92.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064693.D
Acq: 31 Dec 2019 14:19

Tgt Ion: 117 Resp: 680768
Ion Ratio Lower Upper
117 100
82 50.8 42.2 63.4
119 32.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064693.D

Acq: 31 Dec 2019 14:19

Instrument :

MSVOA_D

ClientSampleId :

K435-SB4

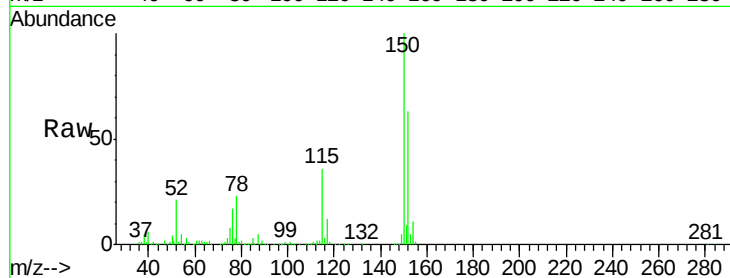
Tgt Ion:152 Resp: 311585

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

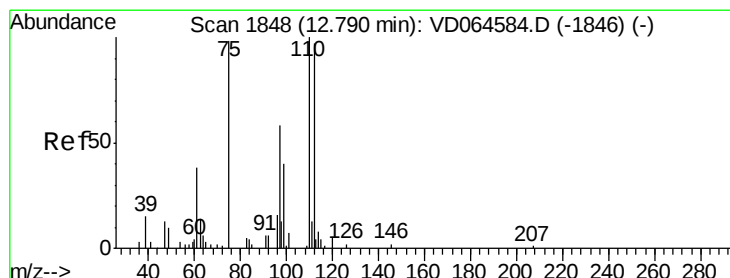
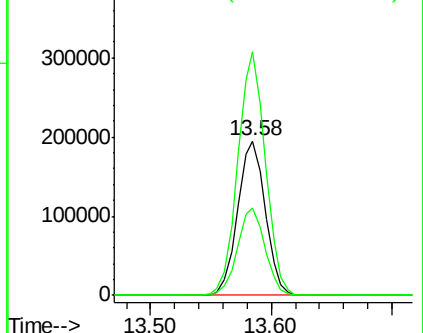
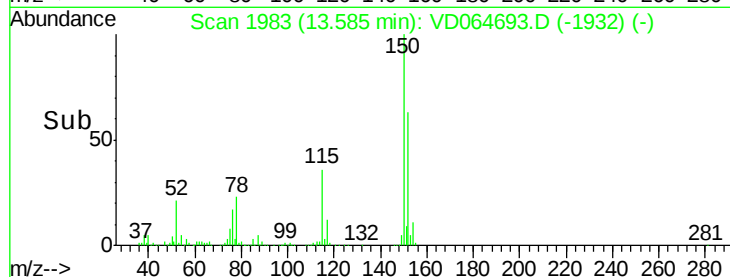
150 157.0 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 59.938 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064693.D

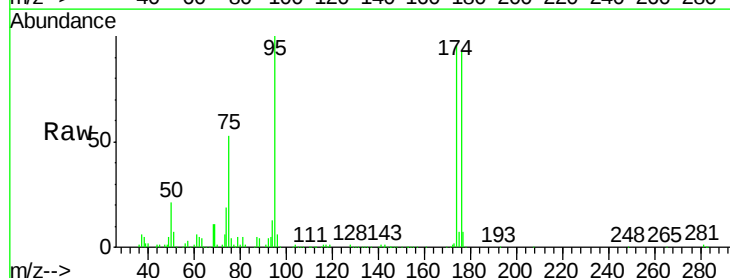
Acq: 31 Dec 2019 14:19

Tgt Ion: 75 Resp: 147475

Ion Ratio Lower Upper

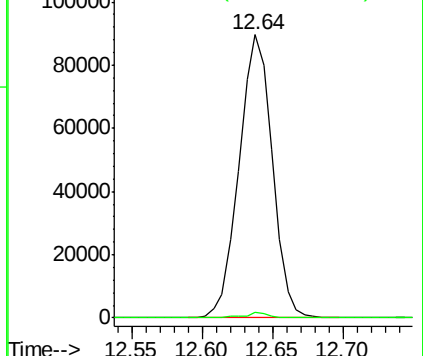
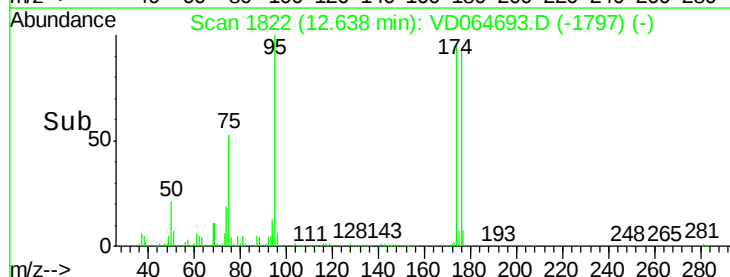
75 100

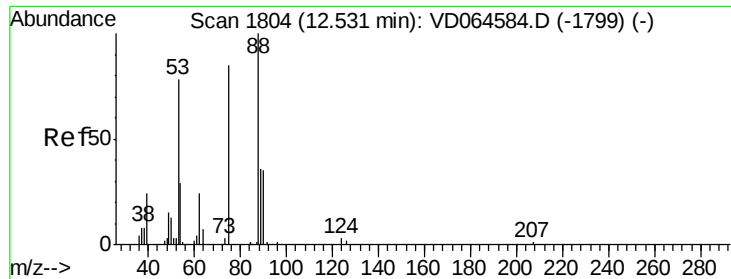
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 125.358 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064693.D

Acq: 31 Dec 2019 14:19

Instrument :

MSVOA_D

ClientSampleId :

K435-SB4

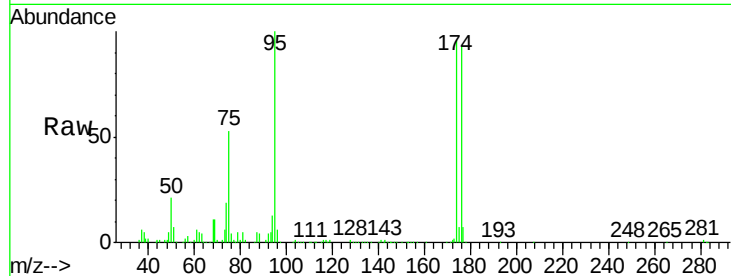
Tgt Ion: 75 Resp: 147475

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

