

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064948.D
 Acq On : 24 Jan 2020 17:38
 Operator : VA/SY
 Sample : L1242-04
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200058-COMPOSITE-4

Quant Time: Jan 25 03:17:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

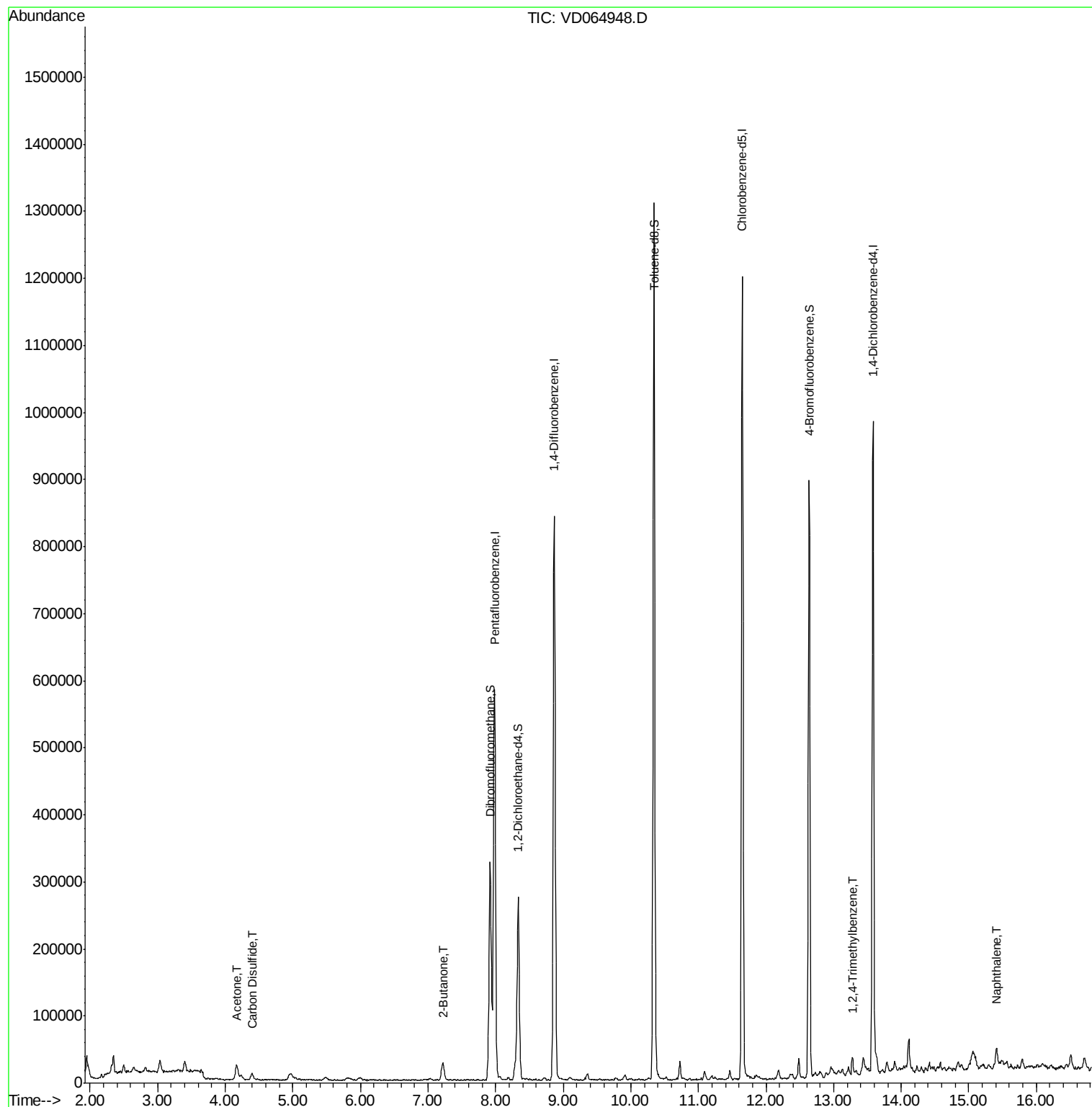
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	442516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	720981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	647326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	208684	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
35) Dibromofluoromethane	7.92	113	224725	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.34	98	851569	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.64	95	255453	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
16) Acetone	4.17	43	41483	47.529	ug/l	96
17) Carbon Disulfide	4.40	76	17451	1.377	ug/l #	92
25) 2-Butanone	7.23	43	14571	12.706	ug/l	92
84) 1,2,4-Trimethylbenzene	13.27	105	16095	1.087	ug/l	94
95) Naphthalene	15.41	128	26741	3.368	ug/l	96

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064948.D

Acq: 24 Jan 2020 17:38

Instrument :

MSVOA_D

ClientSampleId :

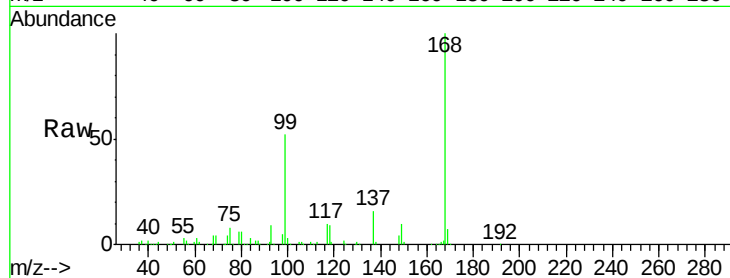
20200058-COMPOSITE-4

Tot Ion:168 Resp: 442516

Ion Ratio Lower Upper

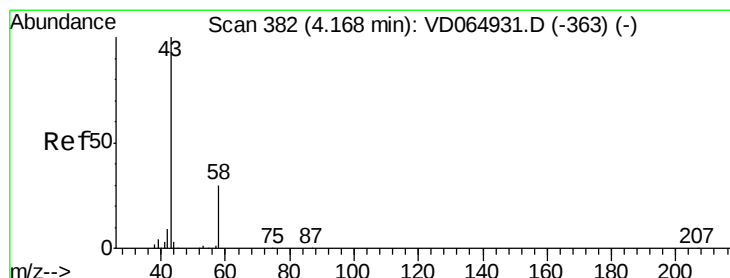
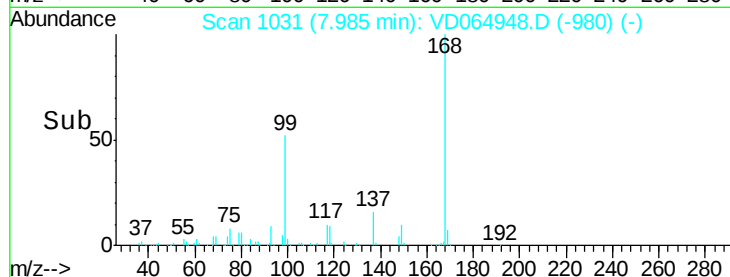
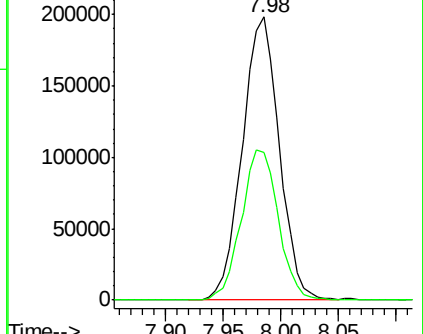
168 100

99 52.3 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 47.529 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064948.D

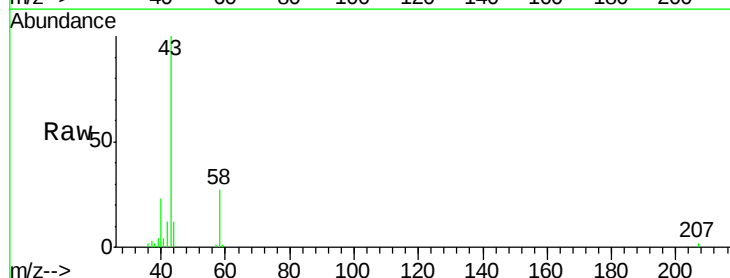
Acq: 24 Jan 2020 17:38

Tgt Ion: 43 Resp: 41483

Ion Ratio Lower Upper

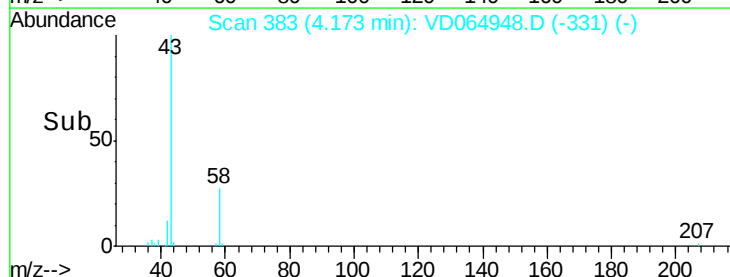
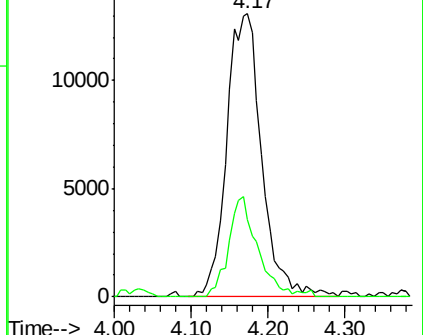
43 100

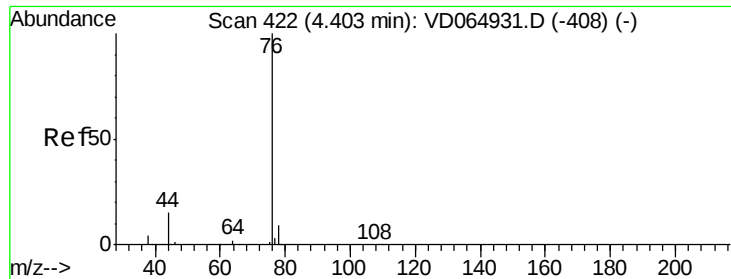
58 27.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

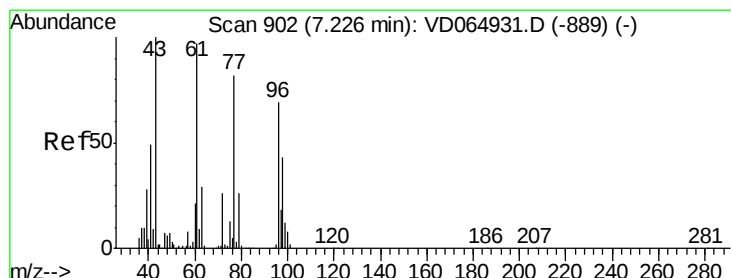
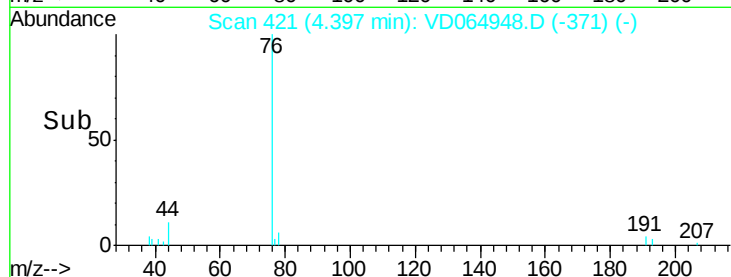
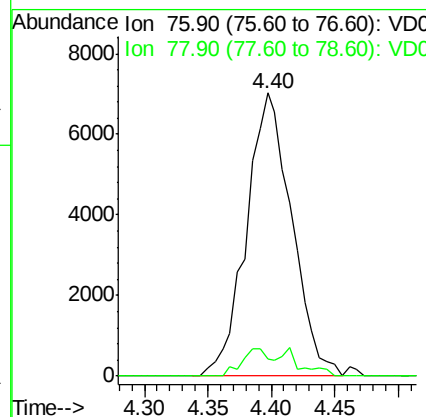
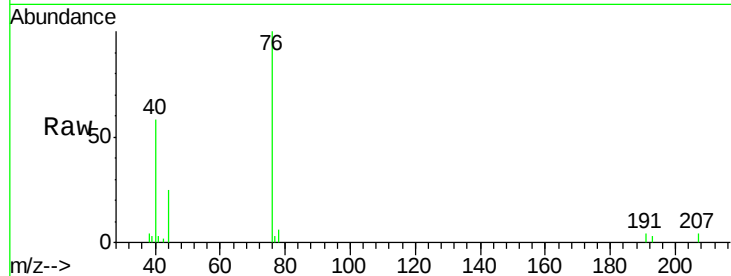




#17
Carbon Disulfide
Concen: 1.377 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064948.D
Acq: 24 Jan 2020 17:38

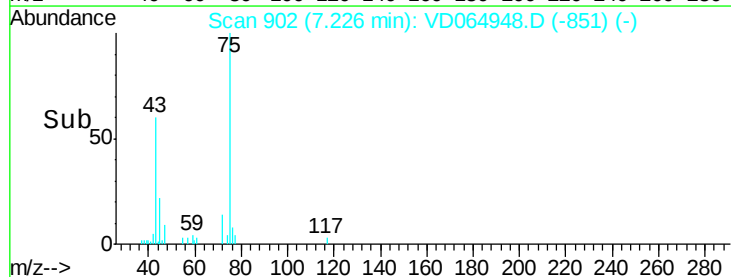
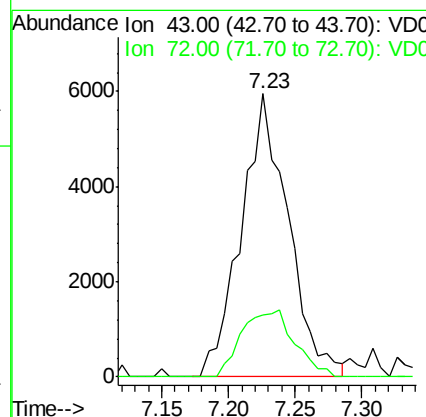
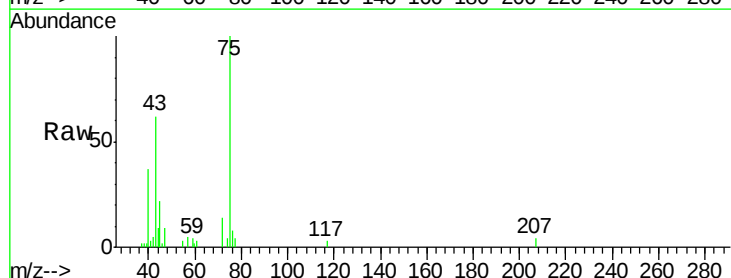
Instrument :
MSVOA_D
ClientSampleId :
20200058-COMPOSITE-4

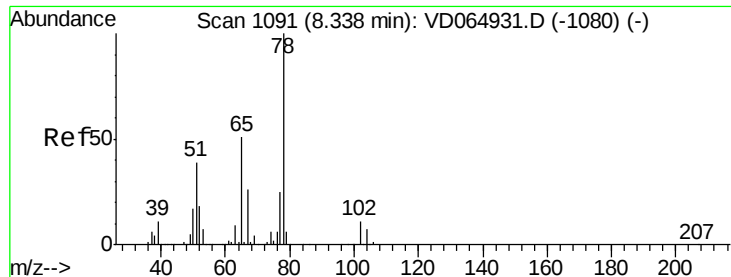
Tot Ion: 76 Resp: 17451
Ion Ratio Lower Upper
76 100
78 5.9 7.1 10.7#



#25
2-Butanone
Concen: 12.706 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD064948.D
Acq: 24 Jan 2020 17:38

Tgt Ion: 43 Resp: 14571
Ion Ratio Lower Upper
43 100
72 21.9 20.6 31.0





#33

1,2-Dichloroethane-d4

Concen: 49.164 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064948.D

Acq: 24 Jan 2020 17:38

Instrument :

MSVOA_D

ClientSampleId :

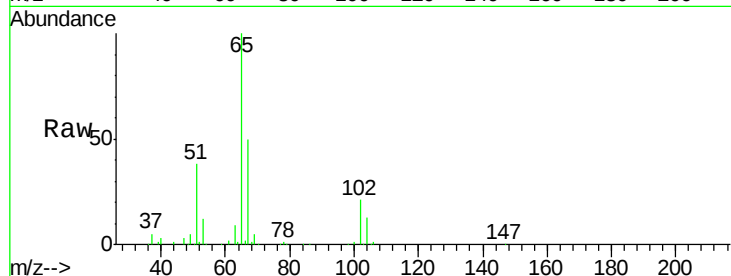
20200058-COMPOSITE-4

Tot Ion: 65 Resp: 208684

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

60000

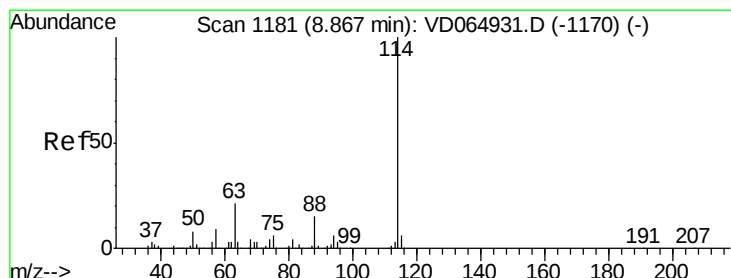
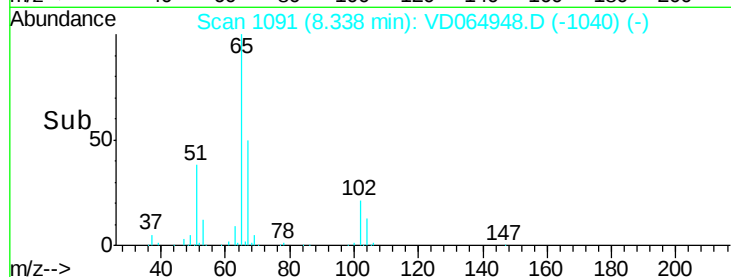
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064948.D

Acq: 24 Jan 2020 17:38

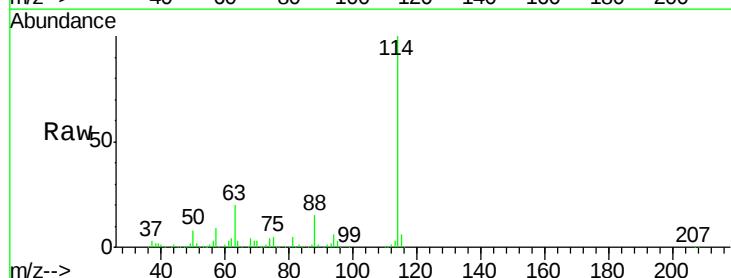
Tgt Ion: 114 Resp: 720981

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

88 14.9 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

300000

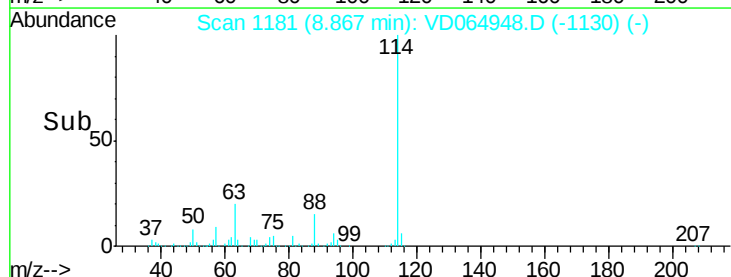
200000

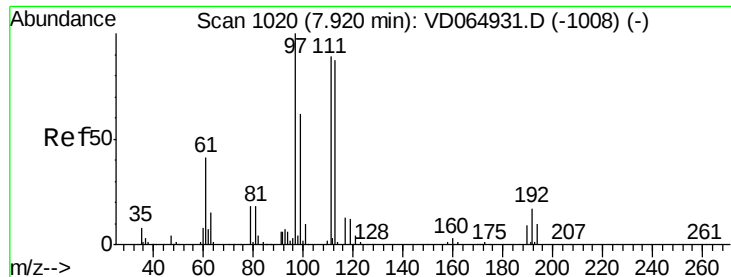
100000

0

8.80 8.90 9.00

Time-->

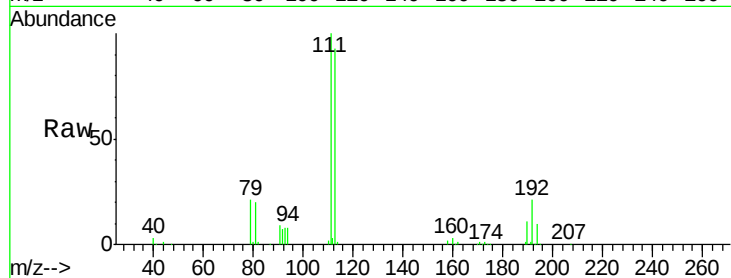




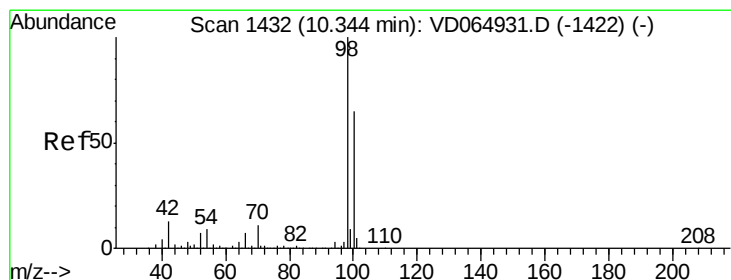
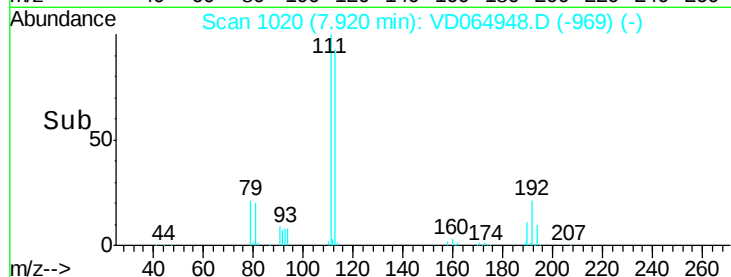
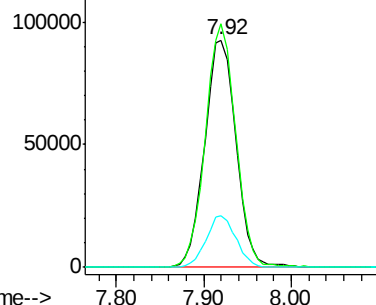
#35
Dibromofluoromethane
Concen: 49.600 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064948.D
Acq: 24 Jan 2020 17:38

Instrument :
MSVOA_D
ClientSampleId :
20200058-COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.6	16.9	25.3

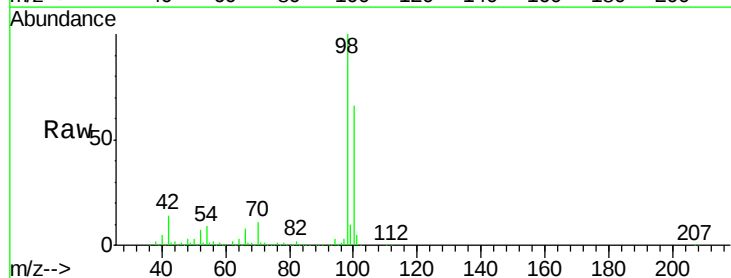


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

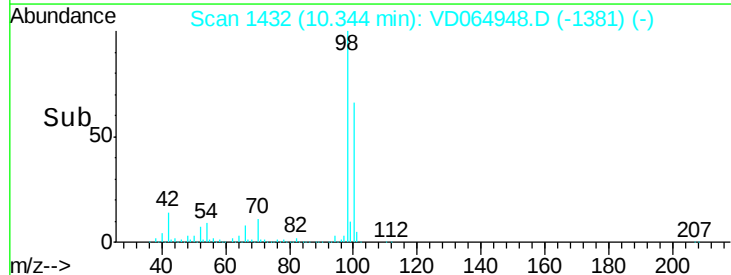
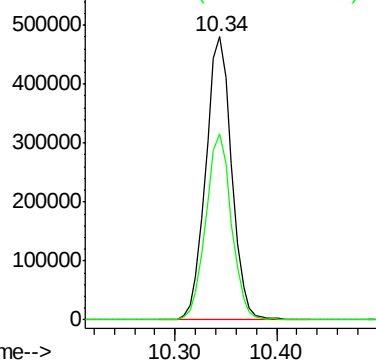


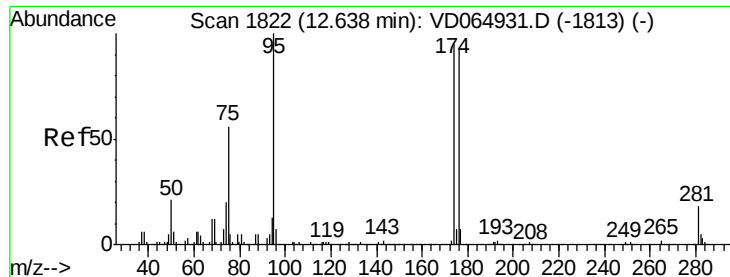
#50
Toluene-d8
Concen: 48.697 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064948.D
Acq: 24 Jan 2020 17:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

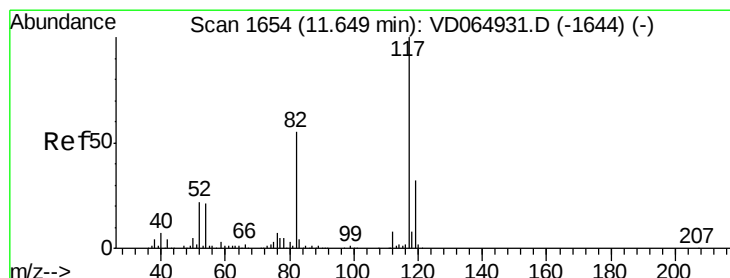
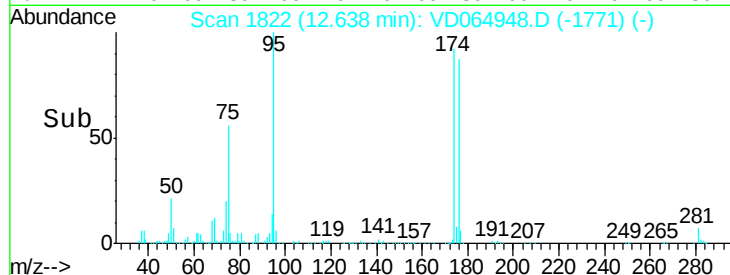
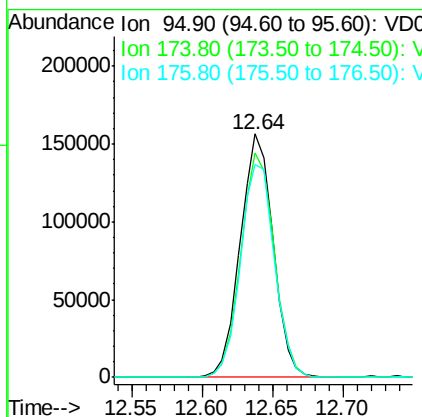
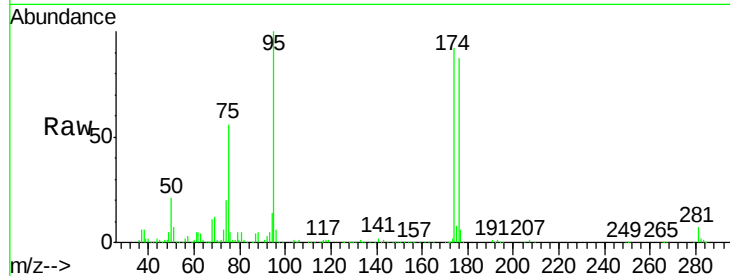




#62
4-Bromofluorobenzene
Concen: 47.736 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064948.D
Acq: 24 Jan 2020 17:38

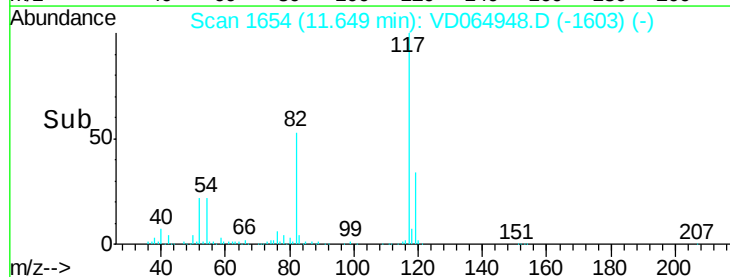
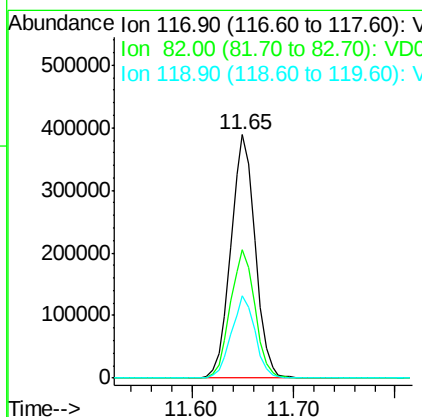
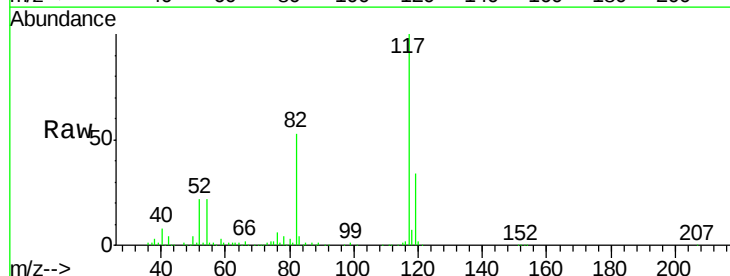
Instrument :
MSVOA_D
ClientSampleId :
20200058-COMPOSITE-4

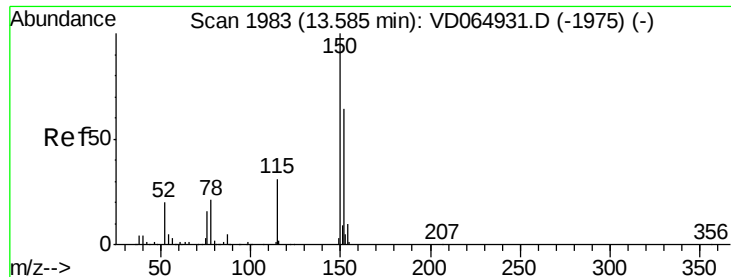
Tot Ion: 95 Resp: 255453
Ion Ratio Lower Upper
95 100
174 94.0 0.0 186.8
176 90.5 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064948.D
Acq: 24 Jan 2020 17:38

Tgt Ion: 117 Resp: 647326
Ion Ratio Lower Upper
117 100
82 52.7 43.6 65.4
119 33.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064948.D

Acq: 24 Jan 2020 17:38

Instrument :

MSVOA_D

ClientSampleId :

20200058-COMPOSITE-4

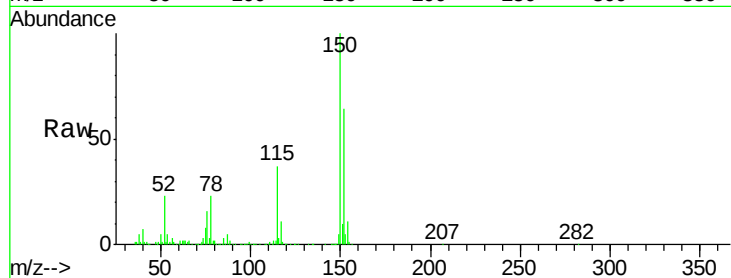
Tot Ion:152 Resp: 261040

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.4

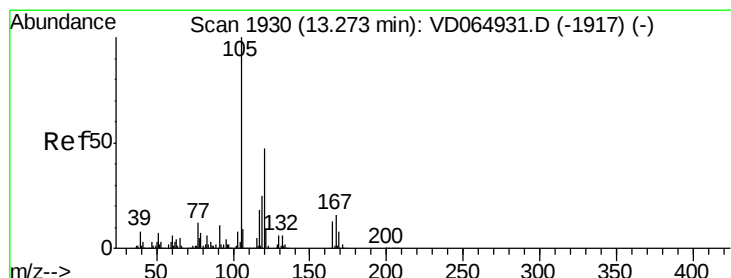
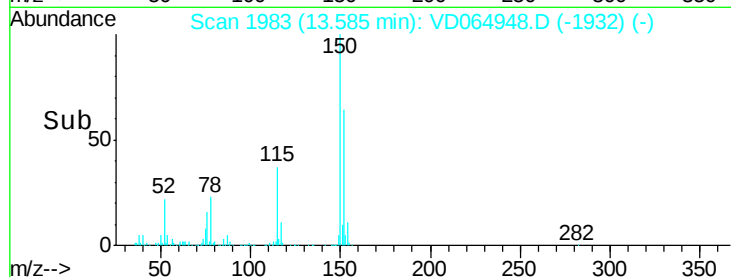
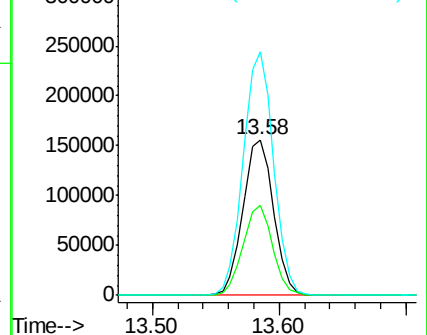
150 154.8 0.0 350.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.087 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD064948.D

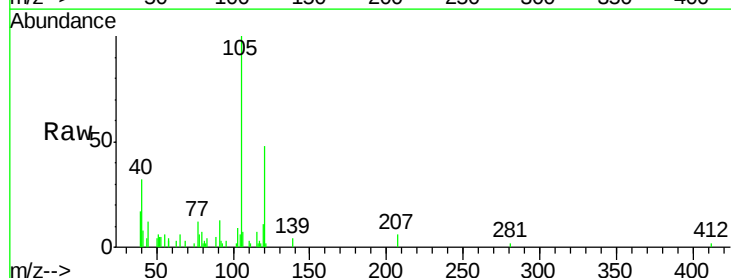
Acq: 24 Jan 2020 17:38

Tgt Ion:105 Resp: 16095

Ion Ratio Lower Upper

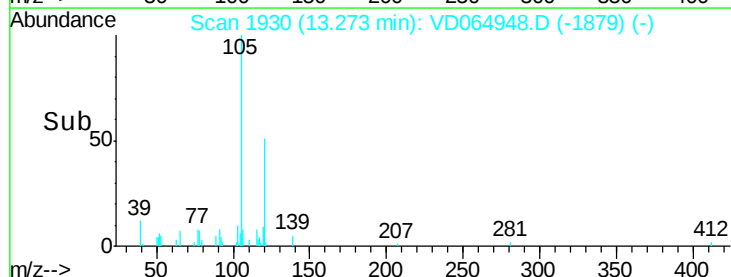
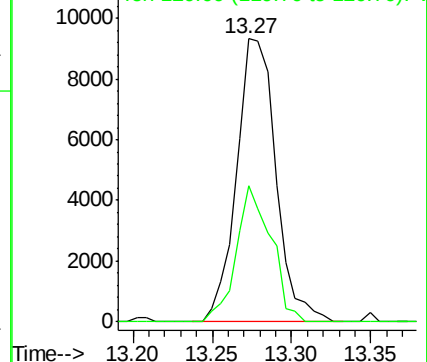
105 100

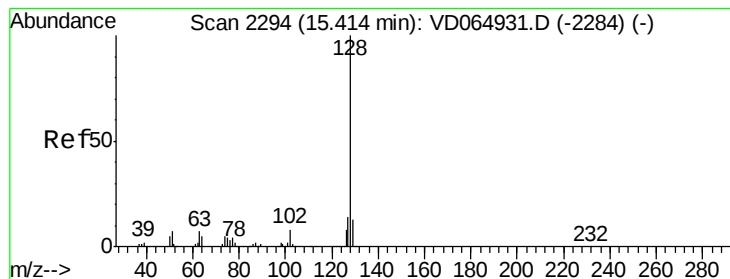
120 42.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.368 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064948.D

Acq: 24 Jan 2020 17:38

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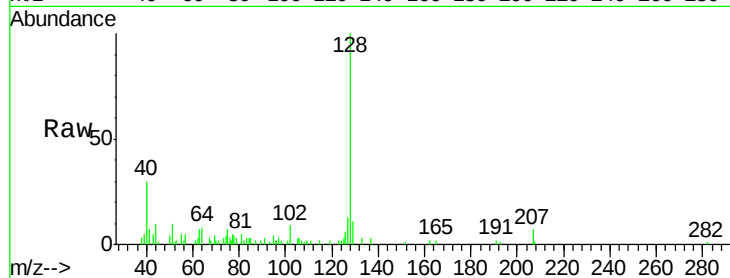
Tot Ion:128 Resp: 26741

Ion Ratio Lower Upper

128 100

127 15.2 10.6 15.8

129 10.7 9.3 13.9



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

