

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
 Data File : VD064544.D
 Acq On : 17 Dec 2019 14:41
 Operator : VA/SY
 Sample : K6324-04
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12

Quant Time: Dec 18 00:48:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	488136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	770365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	756494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	372624	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	215632	48.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.60%	
35) Dibromofluoromethane	7.92	113	237407	48.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.82%	
50) Toluene-d8	10.34	98	938419	51.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.64	95	329166	56.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.04%	

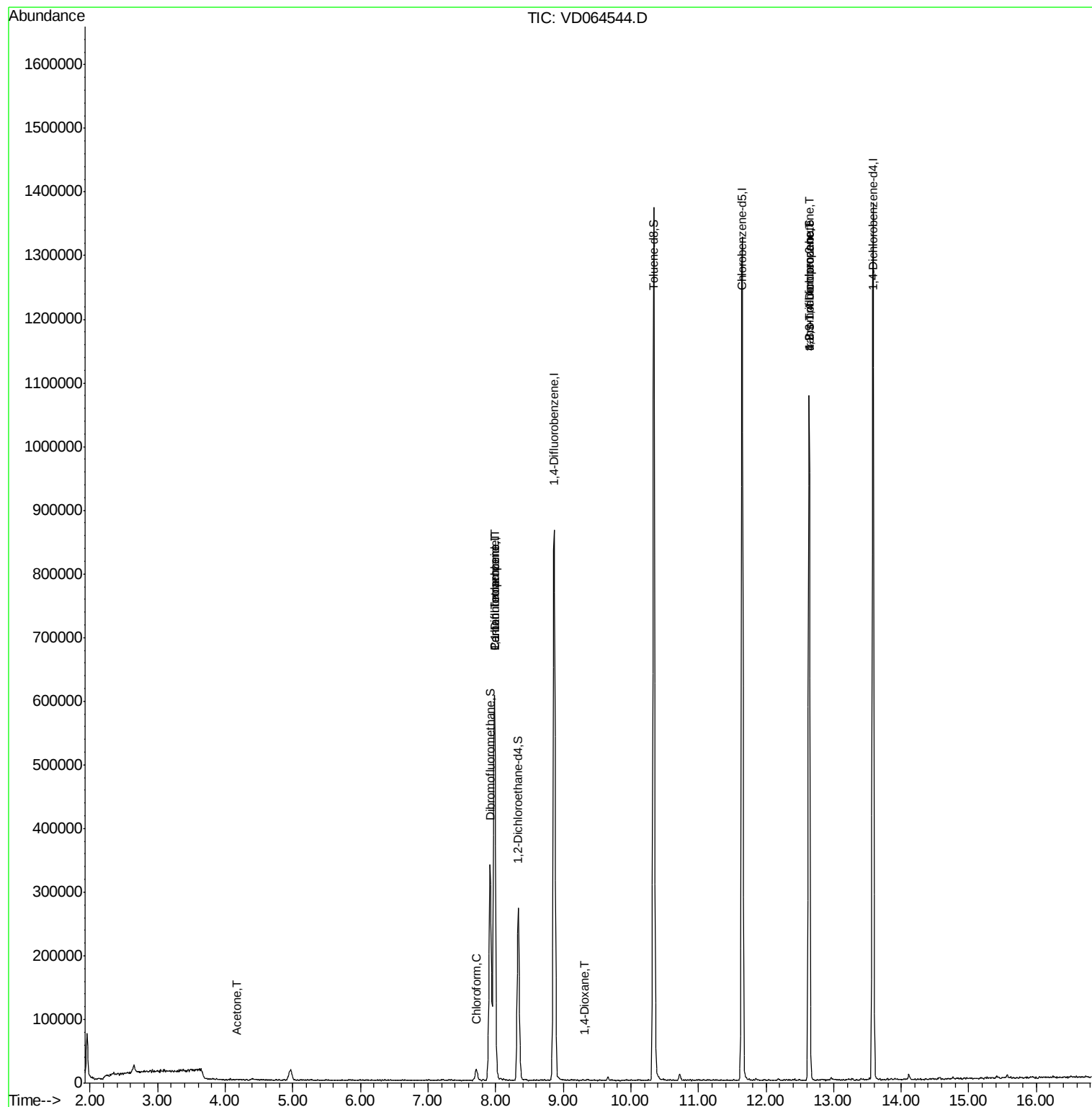
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.18	43	1082	1.212	ug/l #	47
20) Methylene Chloride	4.96	84	12925	Below Cal		89
30) Chloroform	7.71	83	17120	2.028	ug/l	96
31) Cyclohexane	7.97	56	10360	Below Cal	#	55
36) 1,1-Dichloropropene	7.99	75	34403	4.721	ug/l #	49
38) Carbon Tetrachloride	7.98	117	45144	5.870	ug/l #	15
49) 1,4-Dioxane	9.31	88	53	1.571	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	173657	56.670	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	173657	123.571	ug/l #	9

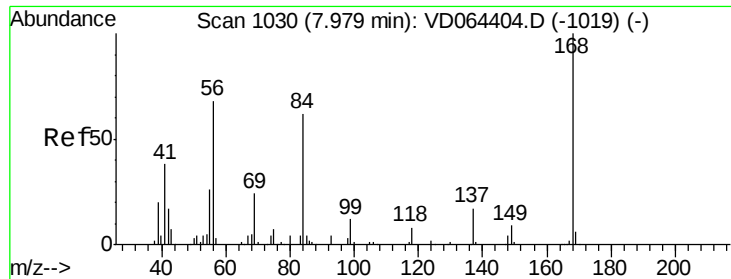
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
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Quant Time: Dec 18 00:48:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064544.D

Acq: 17 Dec 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

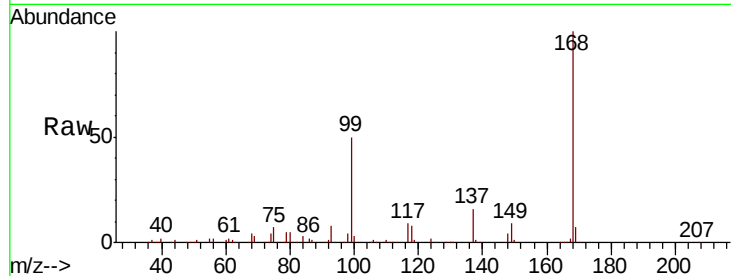
EP-12

Tgt Ion:168 Resp: 488136

Ion Ratio Lower Upper

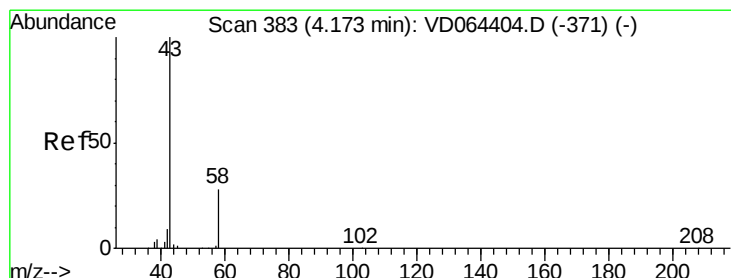
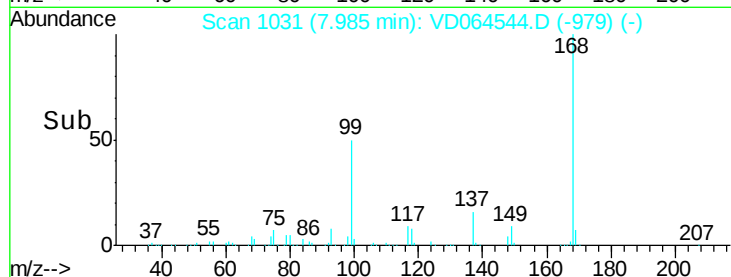
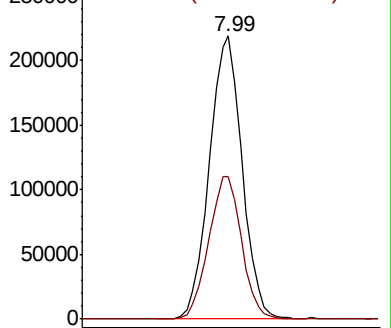
168 100

99 50.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1.212 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064544.D

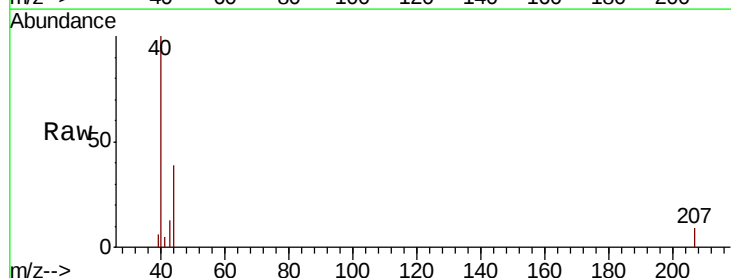
Acq: 17 Dec 2019 14:41

Tgt Ion: 43 Resp: 1082

Ion Ratio Lower Upper

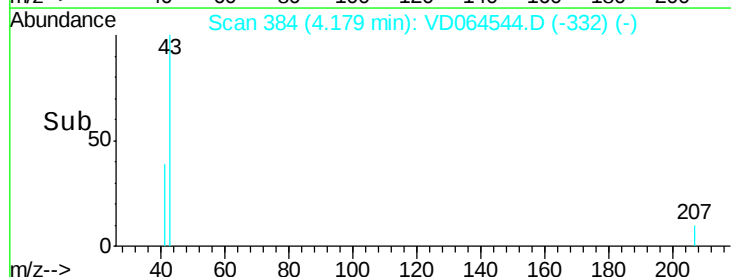
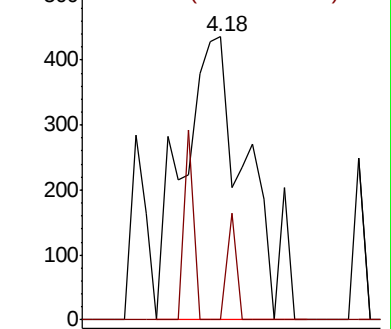
43 100

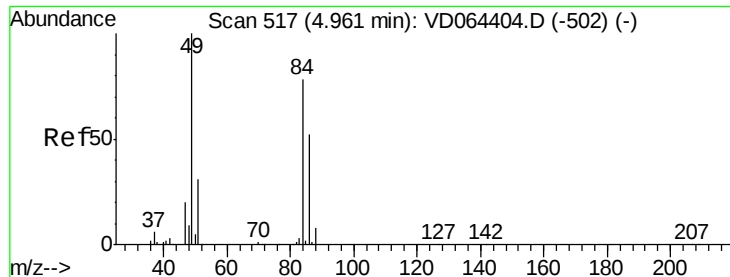
58 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

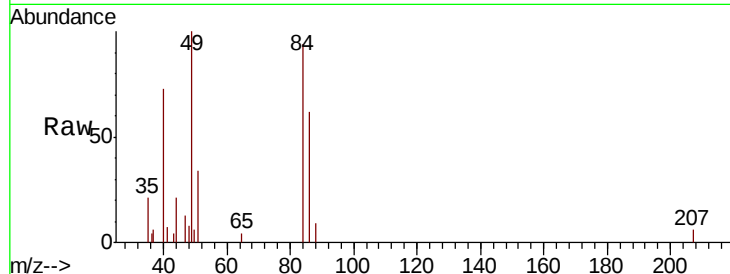




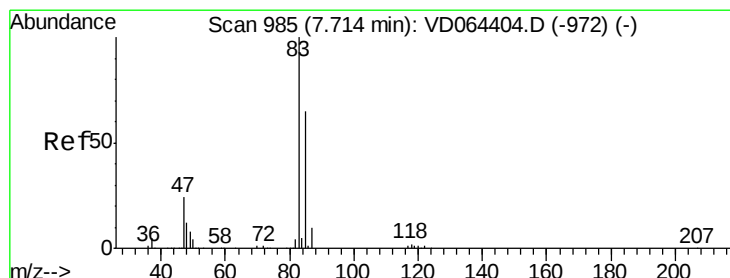
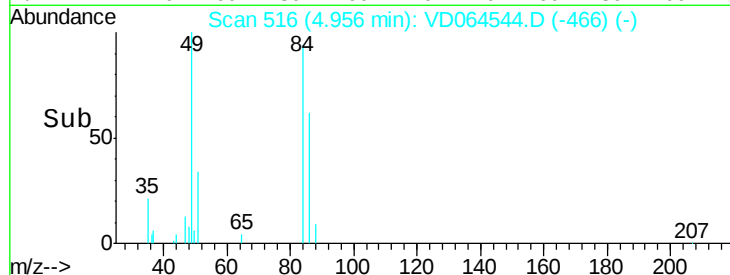
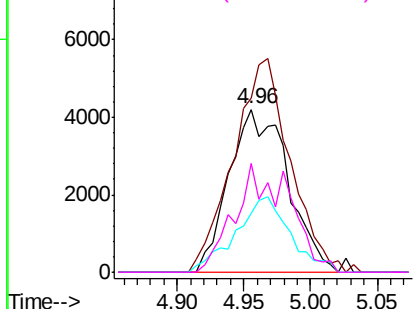
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064544.D
Acq: 17 Dec 2019 14:41

Instrument :
MSVOA_D
ClientSampled :
EP-12

Tgt Ion: 84 Resp: 12925
Ion Ratio Lower Upper
84 100
49 106.8 102.6 153.8
51 36.4 32.0 48.0
86 66.6 53.4 80.0

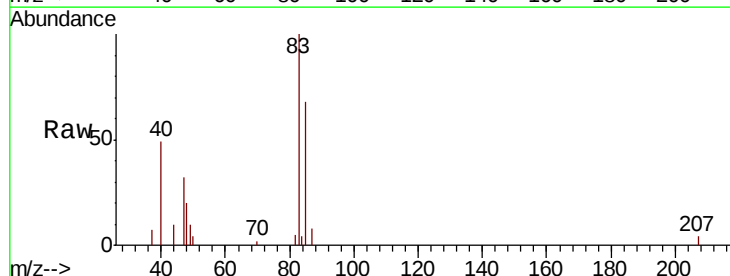


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

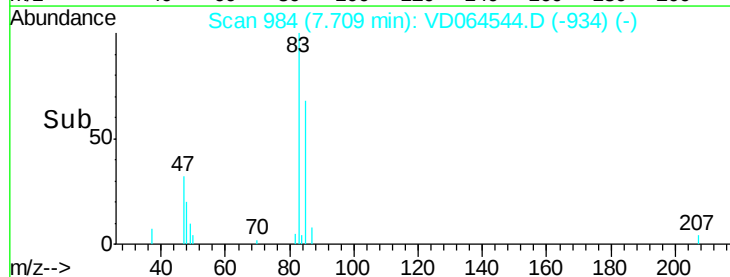
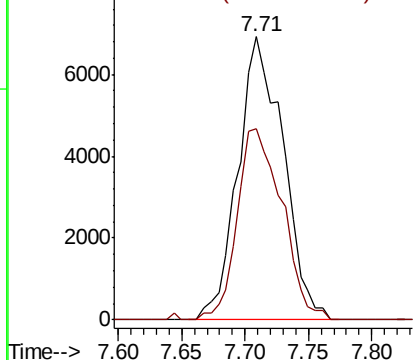


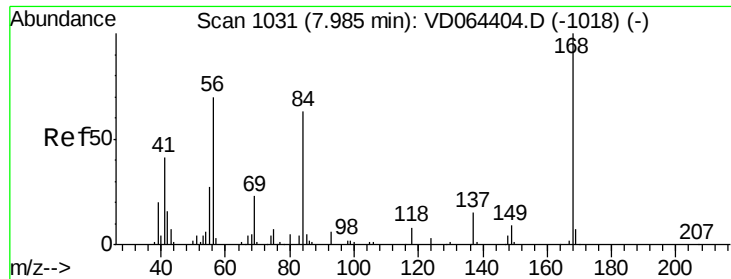
#30
Chloroform
Concen: 2.028 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064544.D
Acq: 17 Dec 2019 14:41

Tgt Ion: 83 Resp: 17120
Ion Ratio Lower Upper
83 100
85 67.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

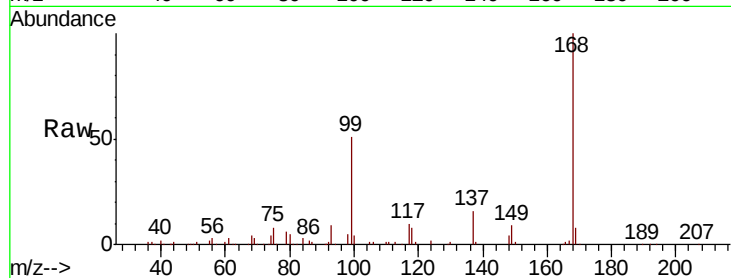




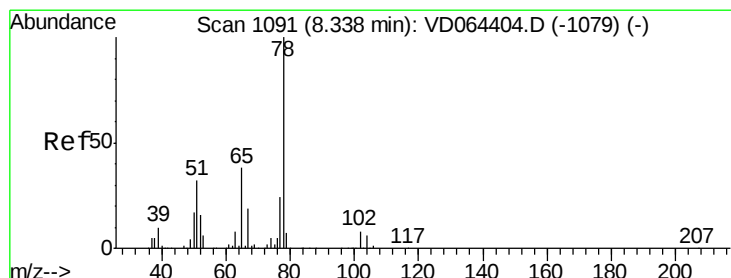
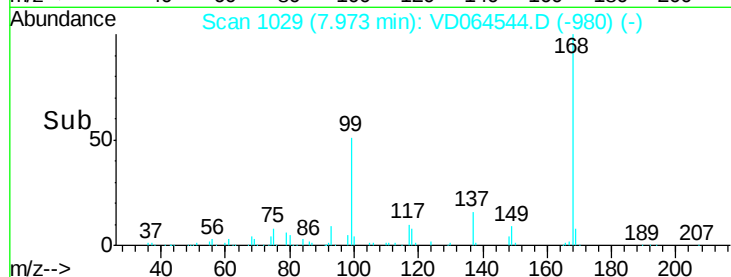
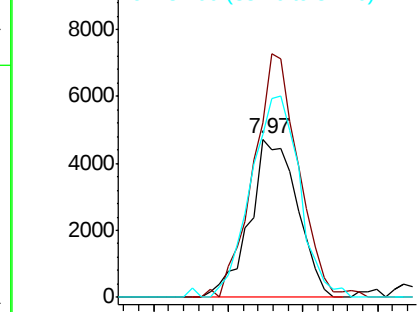
#31
Cyclohexane
Concen: Below Cal
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064544.D
Acq: 17 Dec 2019 14:41

Instrument :
MSVOA_D
ClientSampled :
EP-12

Tgt Ion: 56 Resp: 10360
Ion Ratio Lower Upper
56 100
69 110.5 26.2 39.4#
84 97.4 70.3 105.5

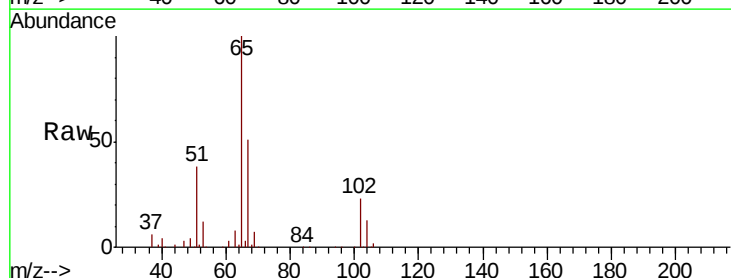


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

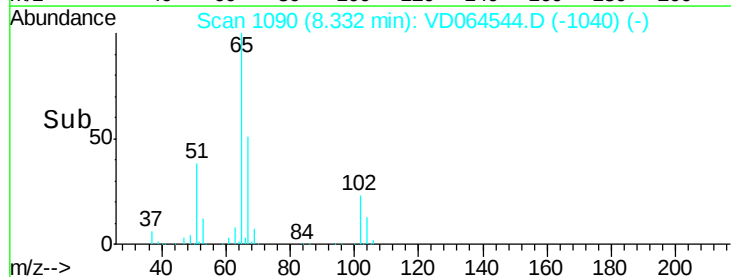
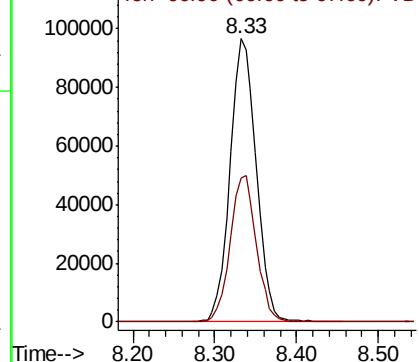


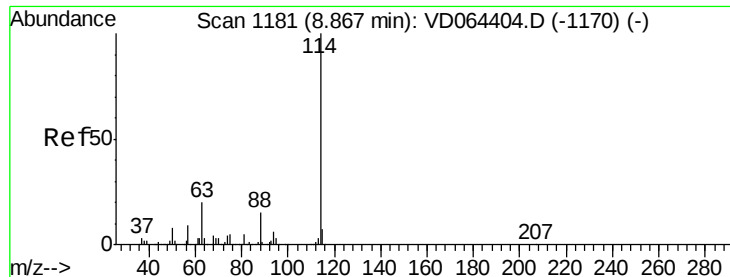
#33
1,2-Dichloroethane-d4
Concen: 48.804 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064544.D
Acq: 17 Dec 2019 14:41

Tgt Ion: 65 Resp: 215632
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

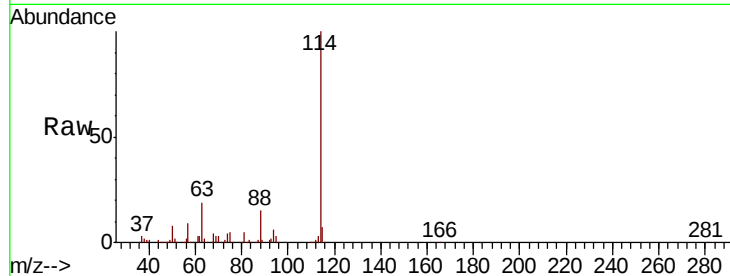




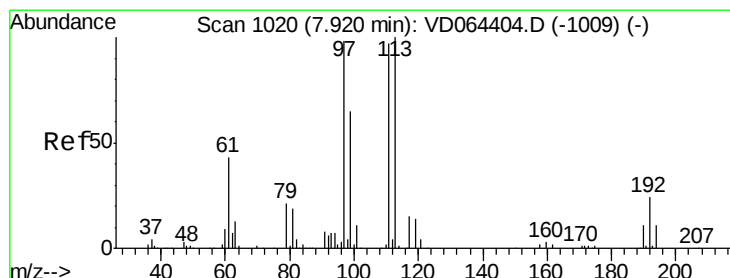
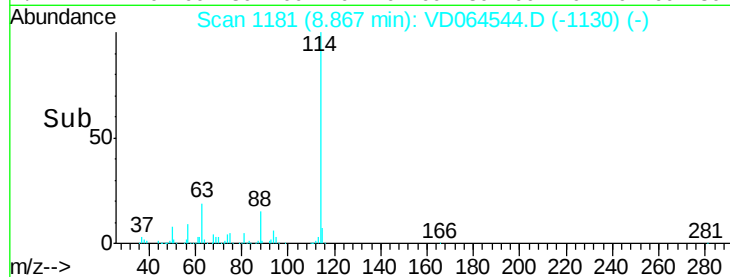
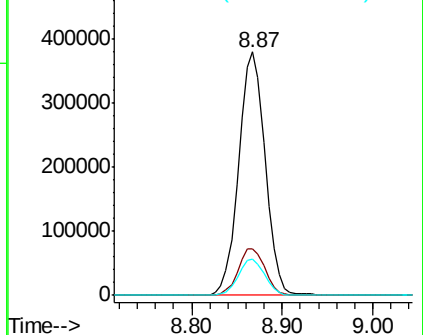
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064544.D
 Acq: 17 Dec 2019 14:41

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12

Tgt Ion:114 Resp: 770365
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 14.7 0.0 29.2

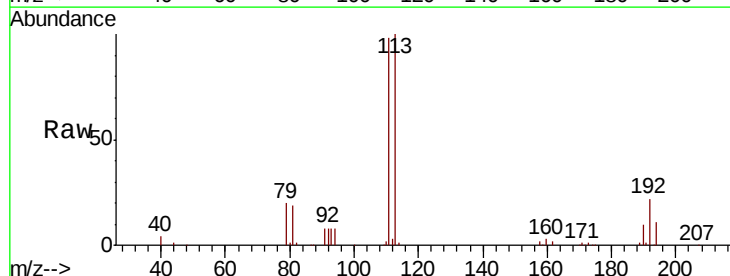


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

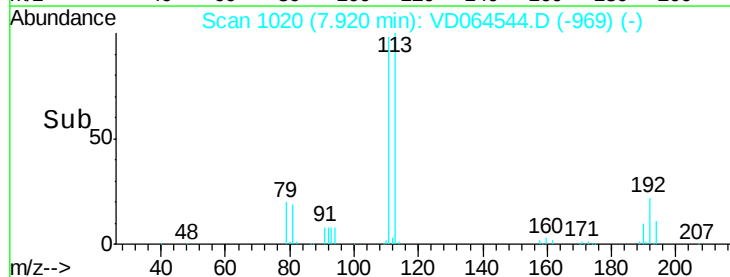
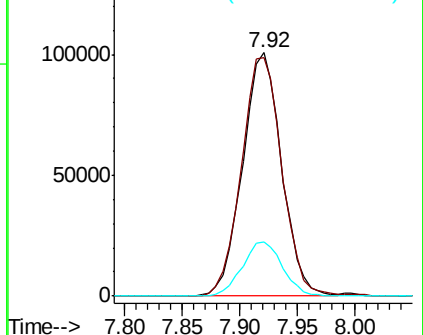


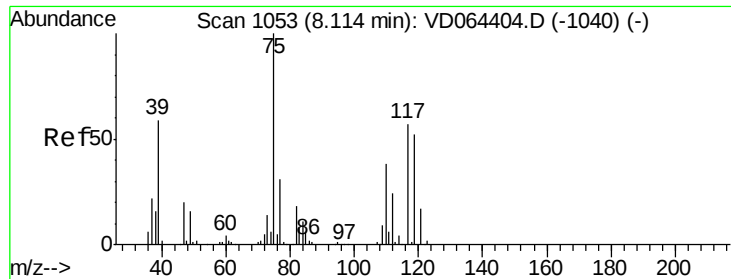
#35
 Dibromofluoromethane
 Concen: 48.913 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064544.D
 Acq: 17 Dec 2019 14:41

Tgt Ion:113 Resp: 237407
 Ion Ratio Lower Upper
 113 100
 111 101.9 79.4 119.2
 192 22.9 18.6 28.0



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

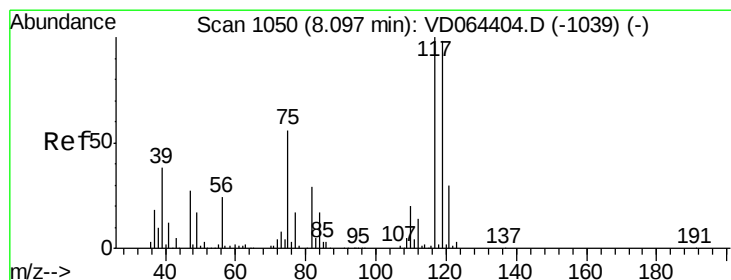
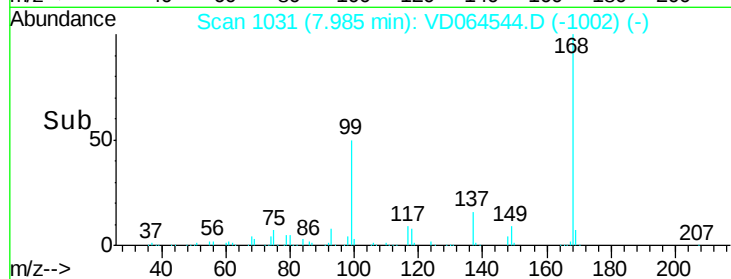
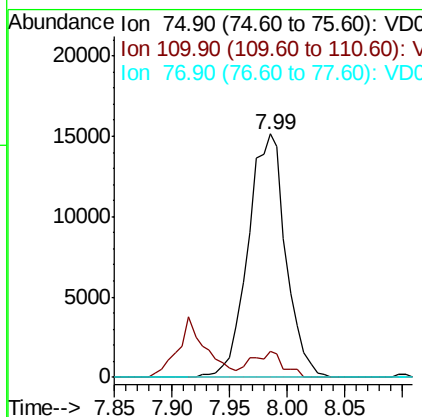
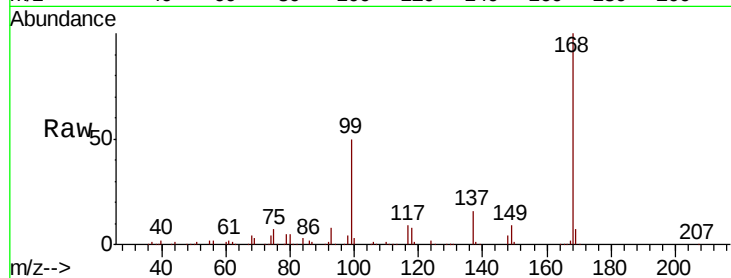




#36
 1,1-Dichloropropene
 Concen: 4.721 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064544.D
 Acq: 17 Dec 2019 14:41

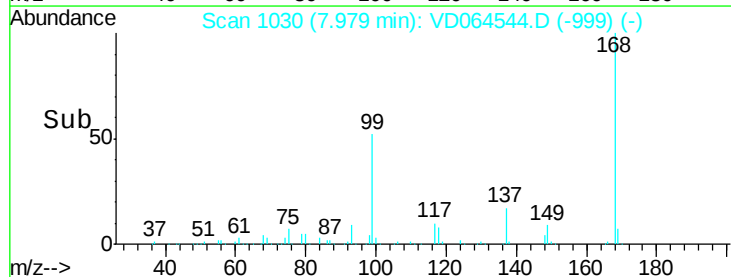
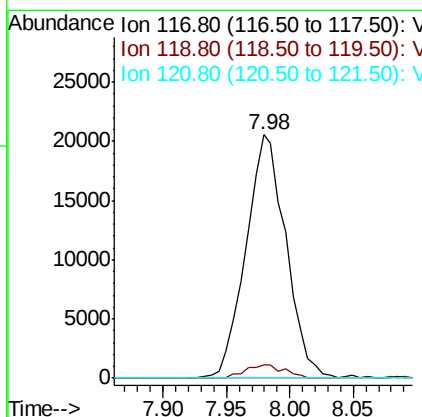
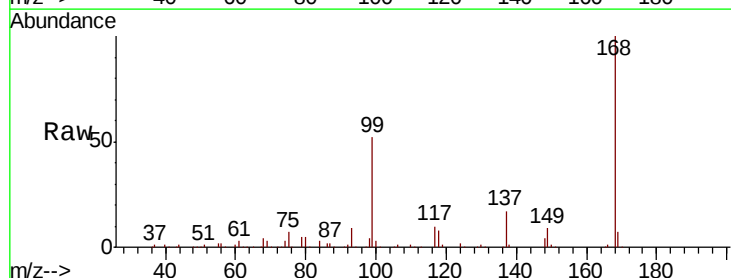
Instrument :
 MSVOA_D
 ClientSampleID :
 EP-12

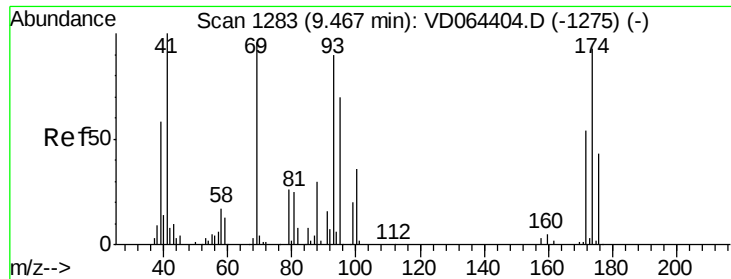
Tgt Ion: 75 Resp: 34403
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.870 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064544.D
 Acq: 17 Dec 2019 14:41

Tgt Ion: 117 Resp: 45144
 Ion Ratio Lower Upper
 117 100
 119 5.4 78.8 118.2#
 121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 1.571 ug/l

RT: 9.31 min Scan# 1256

Delta R.T. -0.16 min

Lab File: VD064544.D

Acq: 17 Dec 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

EP-12

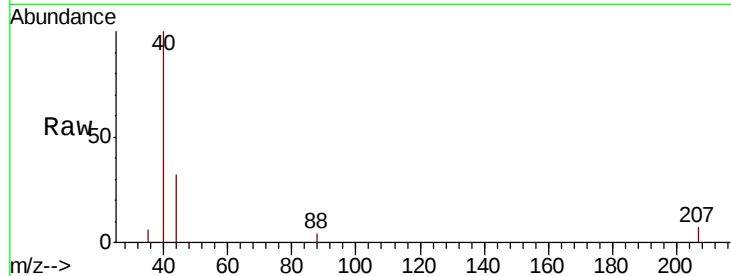
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 120.8 26.7 40.1#

58 0.0 52.3 78.5#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

250

200

150

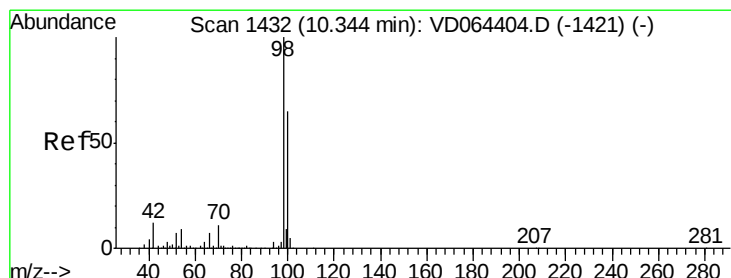
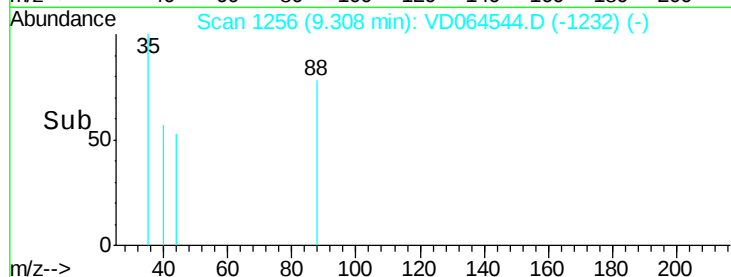
100

50

0

9.29 9.30 9.31 9.32

Time-->



#50

Toluene-d8

Concen: 51.327 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064544.D

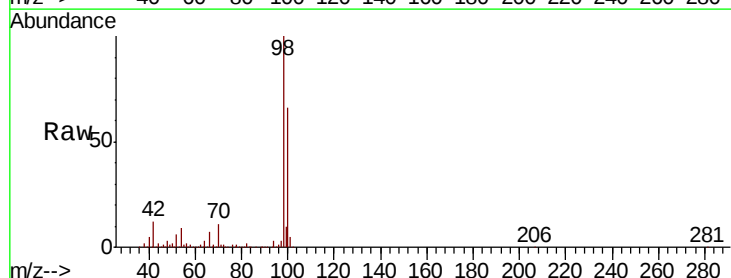
Acq: 17 Dec 2019 14:41

Tgt Ion: 98 Resp: 938419

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

600000

500000

400000

300000

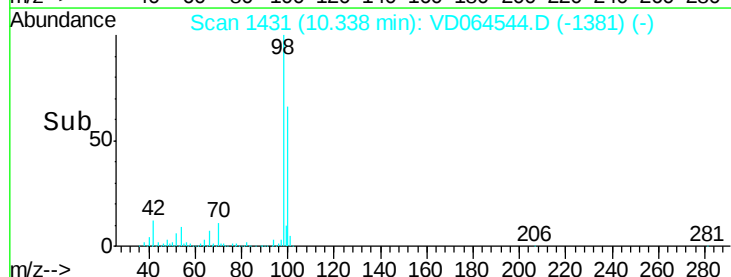
200000

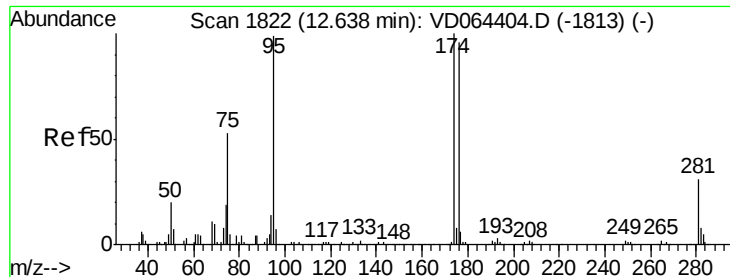
100000

0

10.20 10.30 10.40 10.50

Time-->

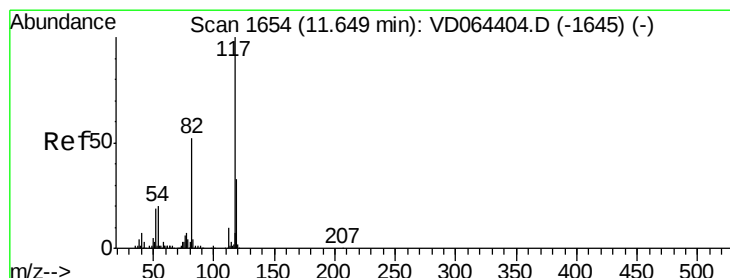
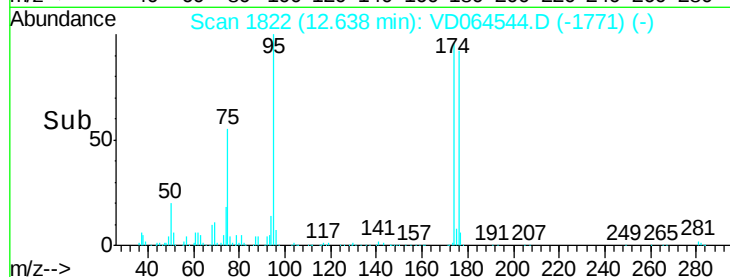
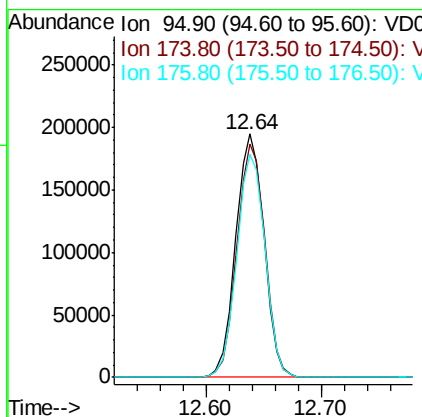
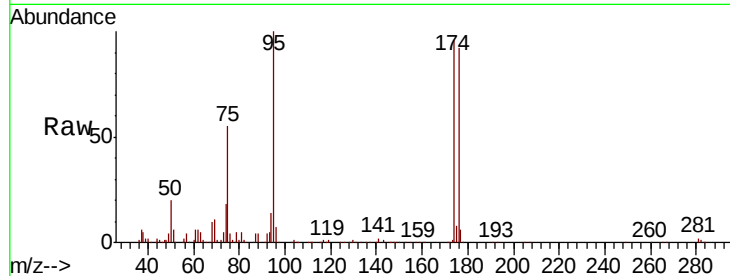




#62
4-Bromofluorobenzene
Concen: 56.021 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064544.D
Acq: 17 Dec 2019 14:41

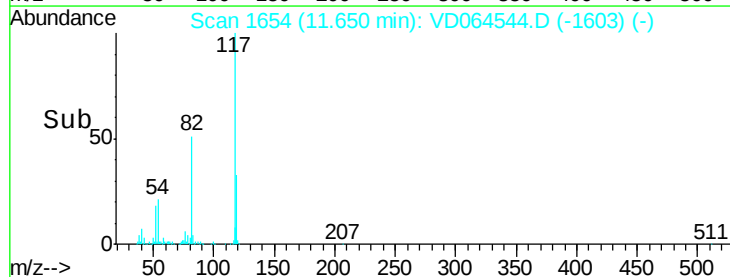
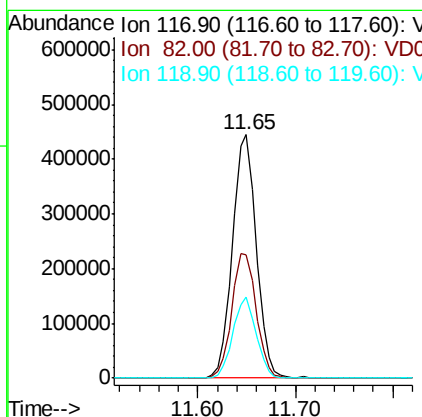
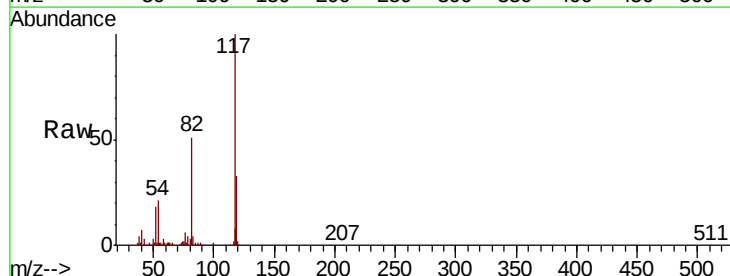
Instrument :
MSVOA_D
ClientSampled :
EP-12

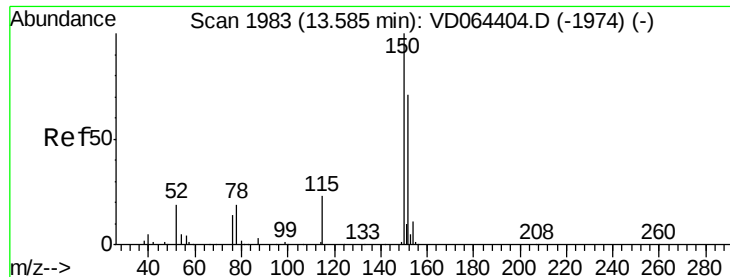
Tgt Ion: 95 Resp: 329166
Ion Ratio Lower Upper
95 100
174 95.4 0.0 197.2
176 91.9 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064544.D
Acq: 17 Dec 2019 14:41

Tgt Ion: 117 Resp: 756494
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.2
119 33.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064544.D

Acq: 17 Dec 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

EP-12

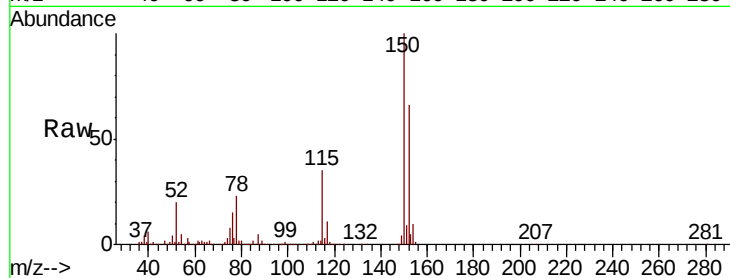
Tgt Ion: 152 Resp: 372624

Ion Ratio Lower Upper

152 100

115 53.4 26.7 80.1

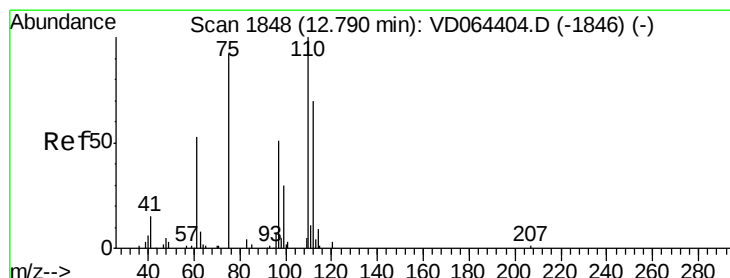
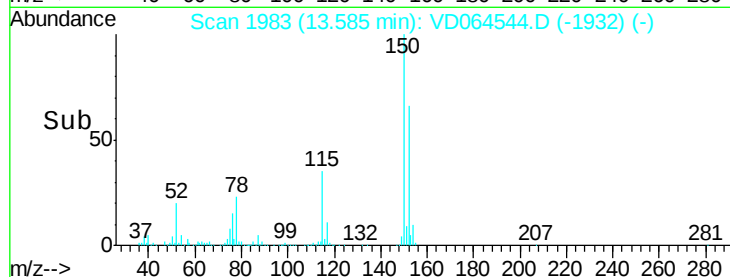
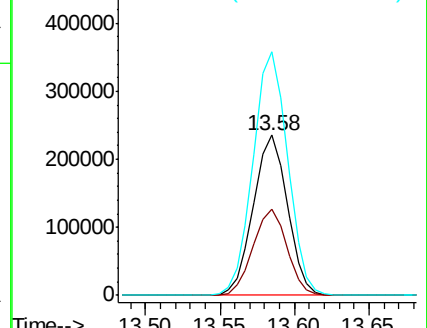
150 154.3 0.0 347.2



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: 56.670 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064544.D

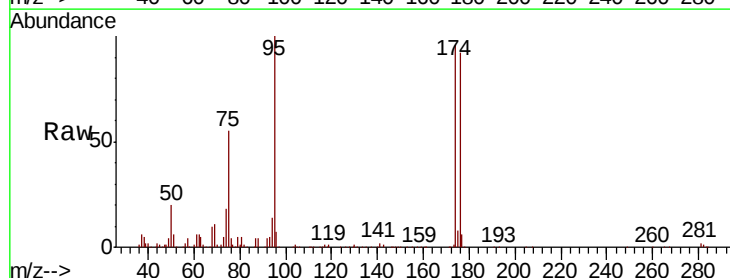
Acq: 17 Dec 2019 14:41

Tgt Ion: 75 Resp: 173657

Ion Ratio Lower Upper

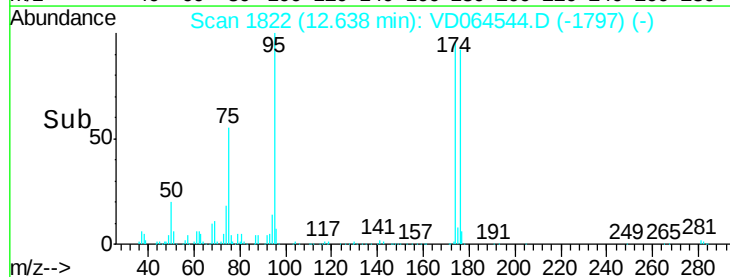
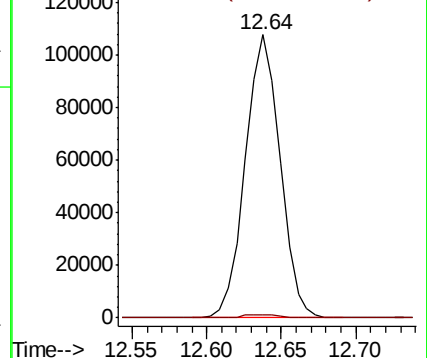
75 100

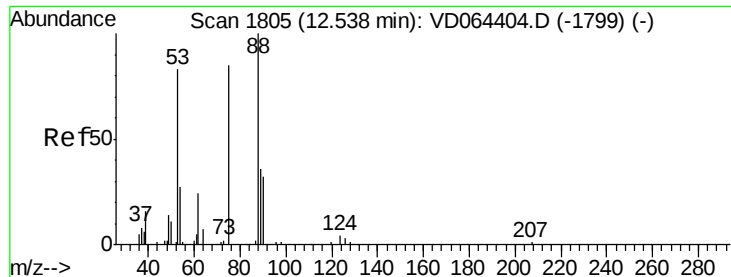
77 1.3 0.0 0.0#



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: 123.571 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064544.D

Acq: 17 Dec 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

EP-12

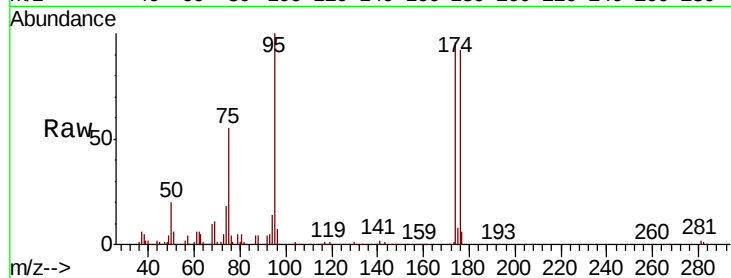
Tgt Ion: 75 Resp: 173657

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.0 38.5 57.7#



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

