

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
 Data File : VD064549.D
 Acq On : 17 Dec 2019 17:05
 Operator : VA/SY
 Sample : K6357-06
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-A

Quant Time: Dec 18 00:49:11 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	7.98	168	382399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	599938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	601096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310639	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	176818	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.92	113	187073	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.34	98	723804	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.64	95	267543	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	

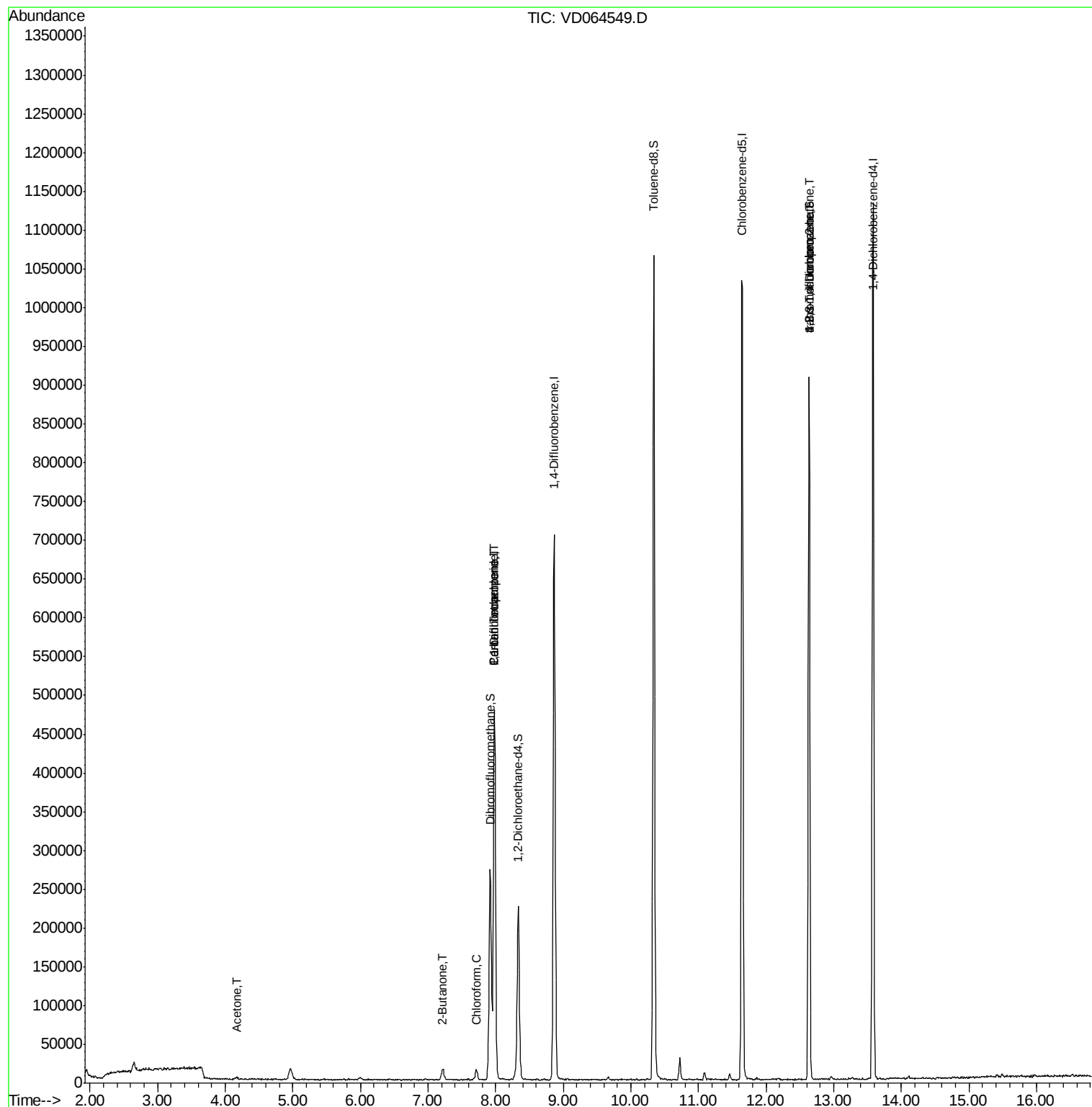
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	4544	6.497	ug/l #	78
20) Methylene Chloride	4.97	84	11228	Below Cal		95
25) 2-Butanone	7.21	43	1044	1.055	ug/l #	49
30) Chloroform	7.71	83	11987	1.812	ug/l	91
31) Cyclohexane	7.98	56	8125	Below Cal	#	9
36) 1,1-Dichloropropene	7.98	75	27529	4.851	ug/l #	49
38) Carbon Tetrachloride	7.98	117	36992	6.177	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	140350	54.940	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	140350	119.798	ug/l #	9

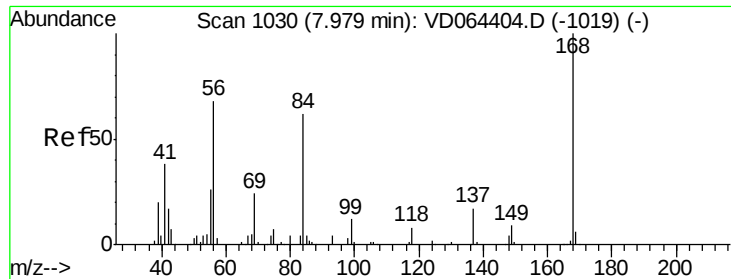
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
Data File : VD064549.D
Acq On : 17 Dec 2019 17:05
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Sample : K6357-06
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PF-A

Quant Time: Dec 18 00:49:11 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: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064549.D

Acq: 17 Dec 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

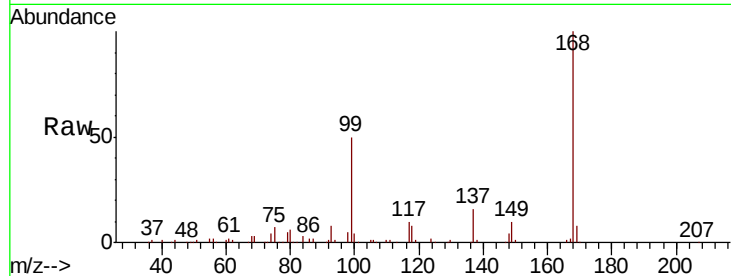
PF-A

Tgt Ion:168 Resp: 382399

Ion Ratio Lower Upper

168 100

99 50.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

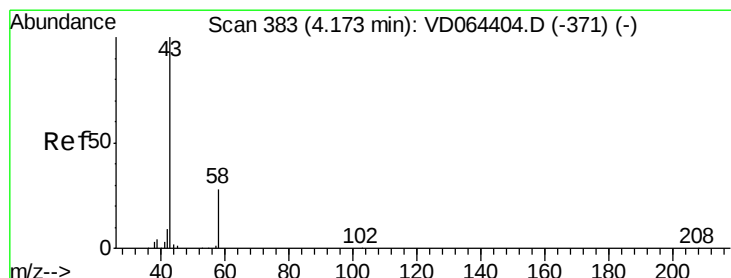
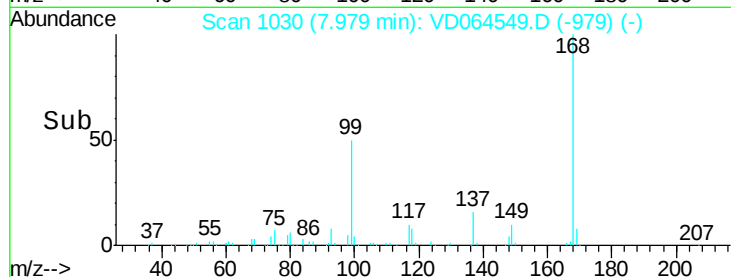
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.497 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.00 min

Lab File: VD064549.D

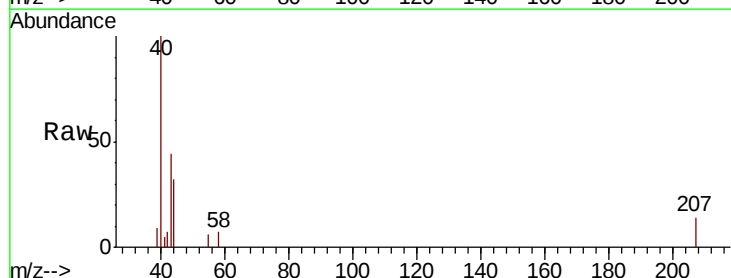
Acq: 17 Dec 2019 17:05

Tgt Ion: 43 Resp: 4544

Ion Ratio Lower Upper

43 100

58 16.7 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

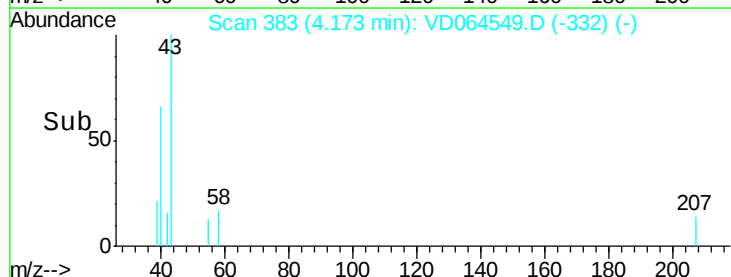
1500

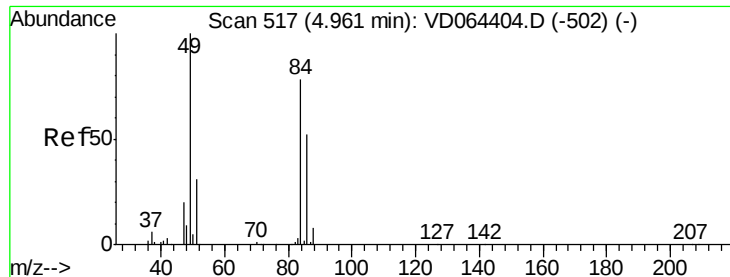
1000

500

0

Time-->

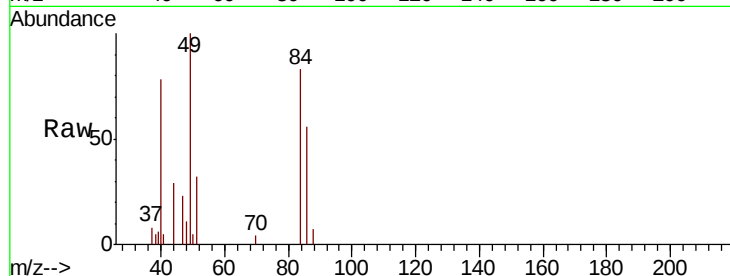




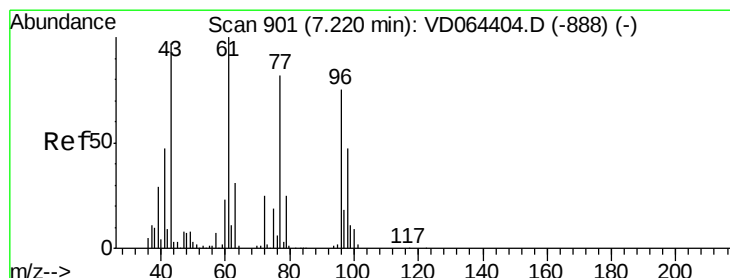
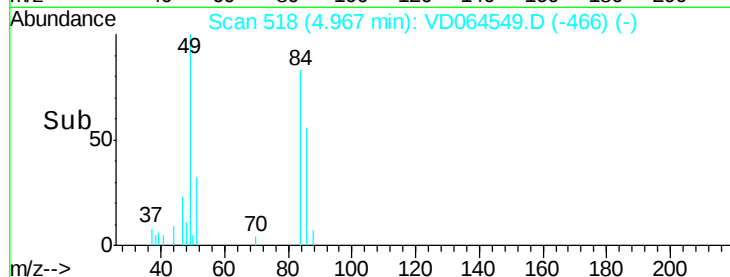
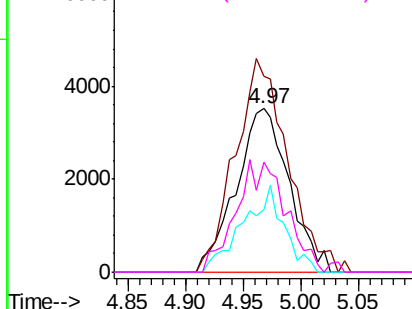
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064549.D
Acq: 17 Dec 2019 17:05

Instrument :
MSVOA_D
ClientSampleId :
PF-A

Tgt Ion: 84 Resp: 11228
Ion Ratio Lower Upper
84 100
49 119.8 102.6 153.8
51 38.2 32.0 48.0
86 67.6 53.4 80.0

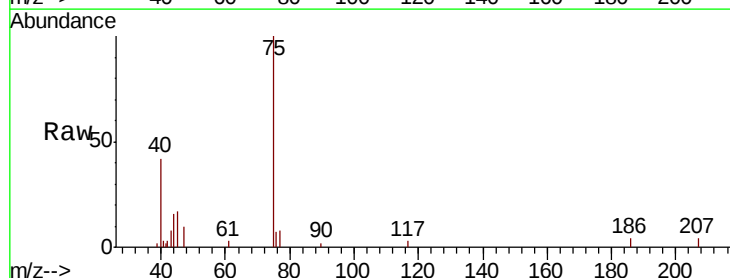


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

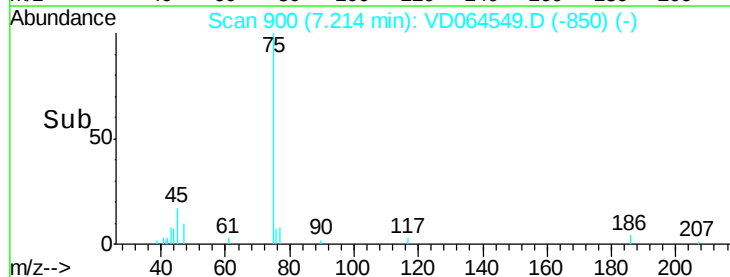
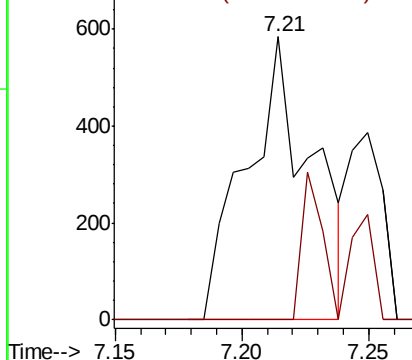


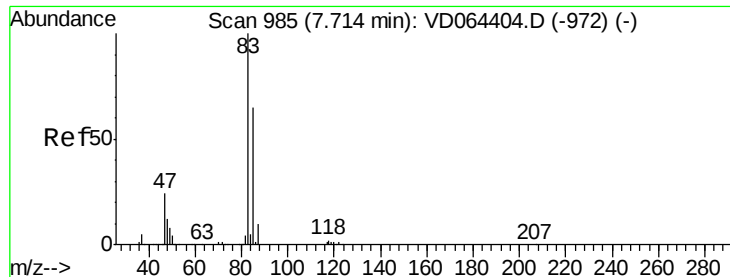
#25
2-Butanone
Concen: 1.055 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064549.D
Acq: 17 Dec 2019 17:05

Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC





#30

Chloroform

Concen: 1.812 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064549.D

Acq: 17 Dec 2019 17:05

Instrument :

MSVOA_D

ClientSampled :

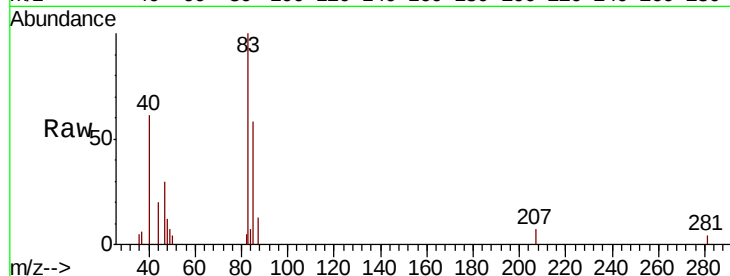
PF-A

Tgt Ion: 83 Resp: 11987

Ion Ratio Lower Upper

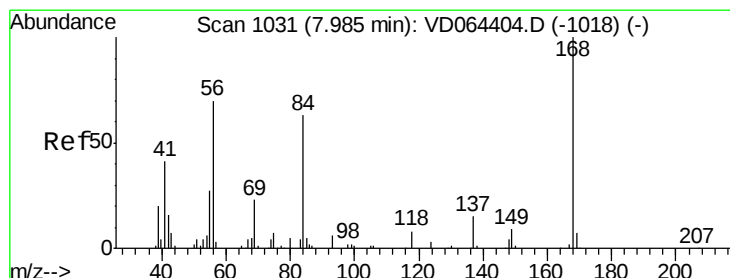
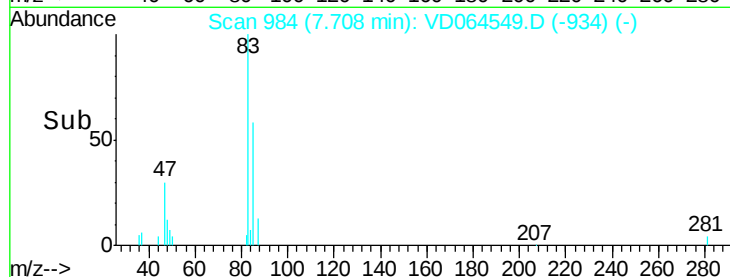
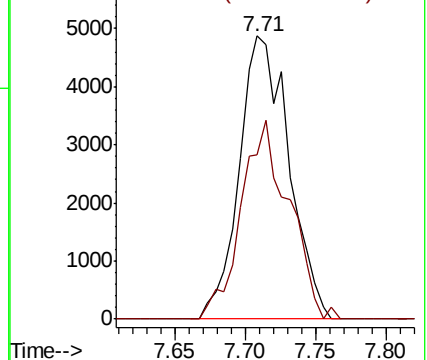
83 100

85 57.9 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: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064549.D

Acq: 17 Dec 2019 17:05

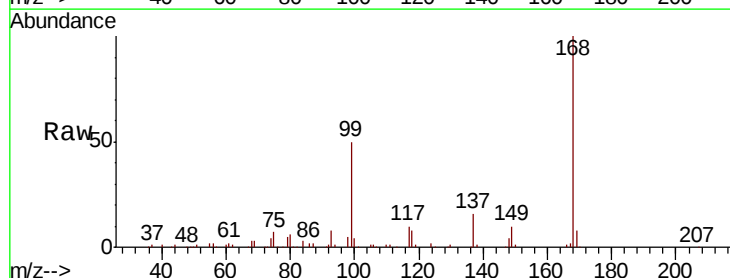
Tgt Ion: 56 Resp: 8125

Ion Ratio Lower Upper

56 100

69 156.4 26.2 39.4#

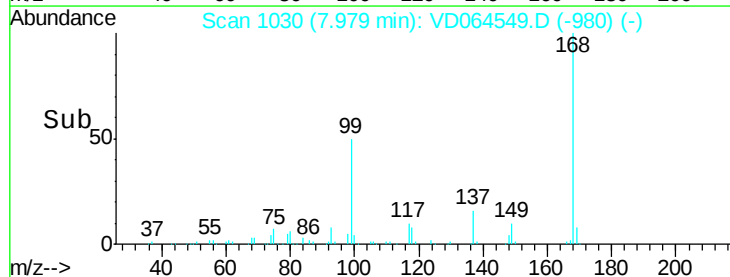
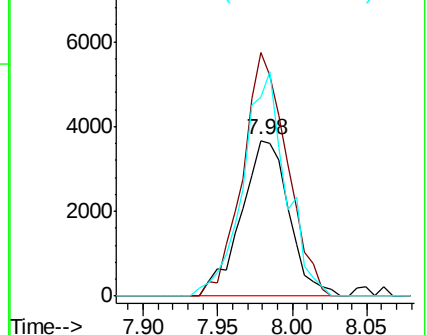
84 127.4 70.3 105.5#

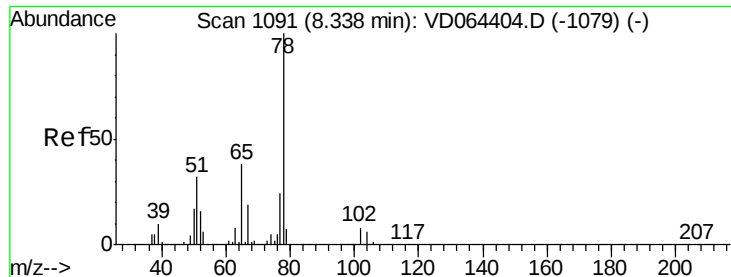


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.085 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064549.D

Acq: 17 Dec 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

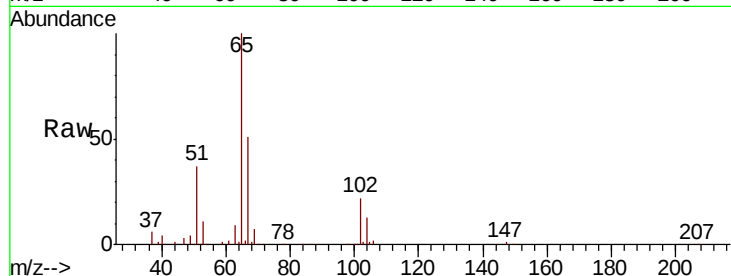
PF-A

Tgt Ion: 65 Resp: 176818

Ion Ratio Lower Upper

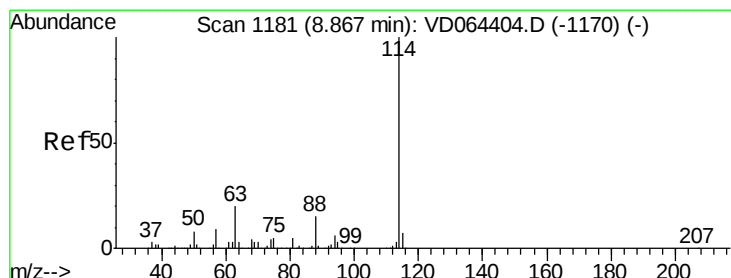
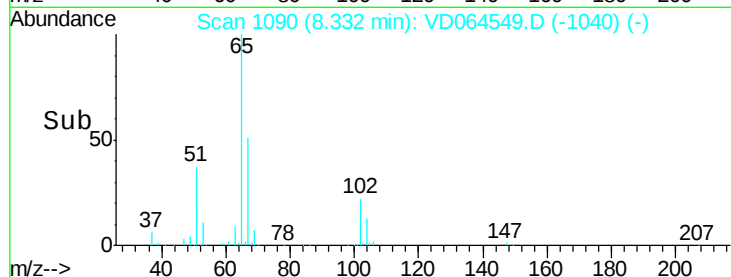
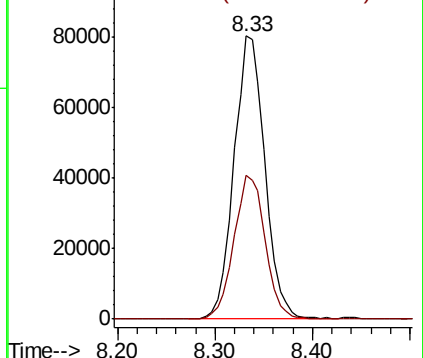
65 100

67 51.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064549.D

Acq: 17 Dec 2019 17:05

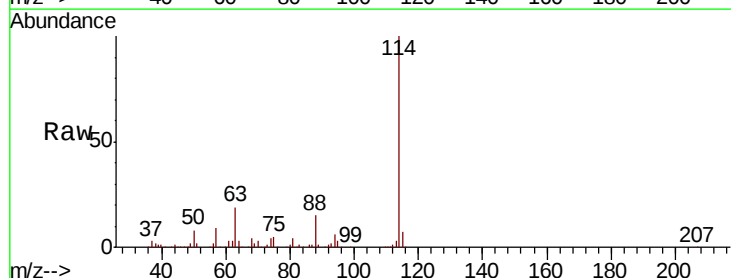
Tgt Ion: 114 Resp: 599938

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

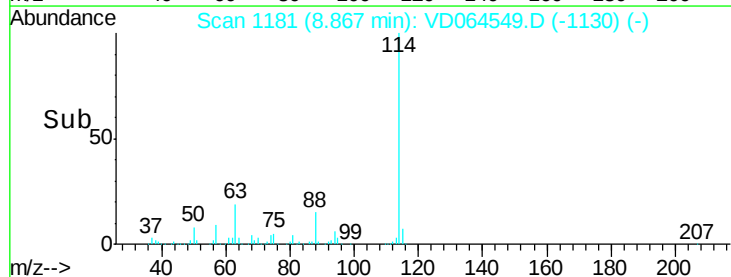
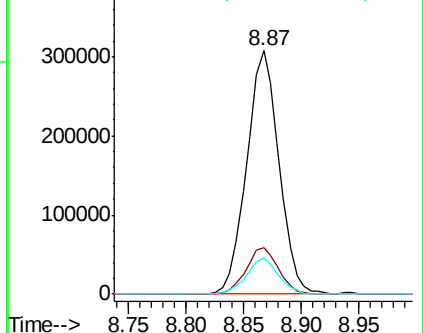
88 14.8 0.0 29.2

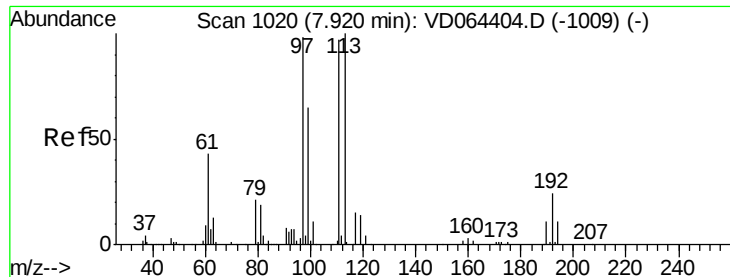


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

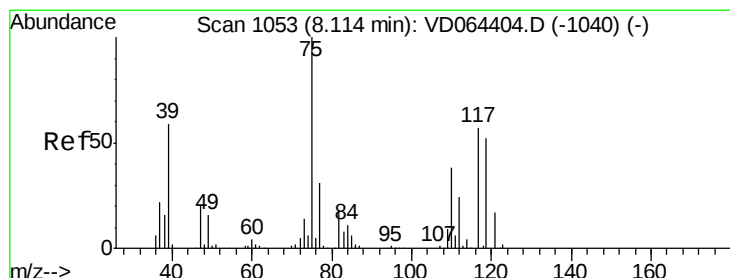
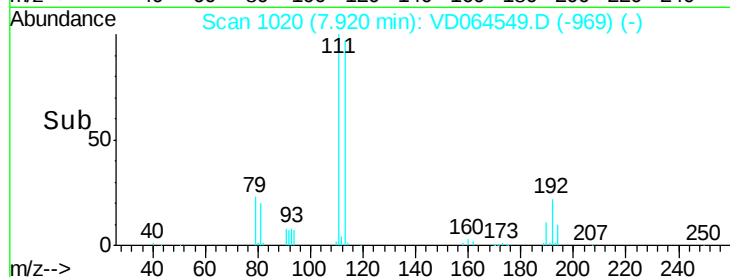
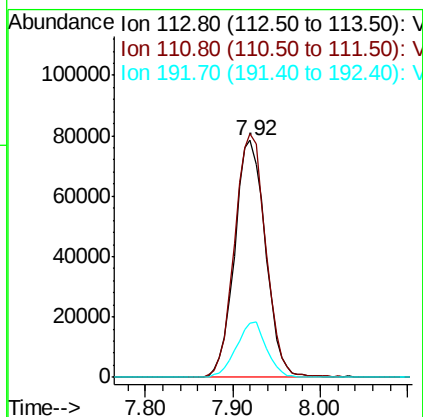
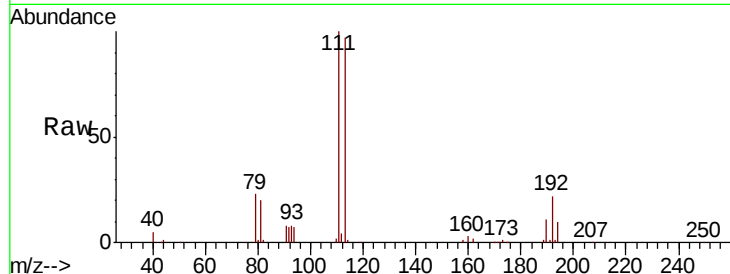




#35
 Dibromofluoromethane
 Concen: 49.491 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064549.D
 Acq: 17 Dec 2019 17:05

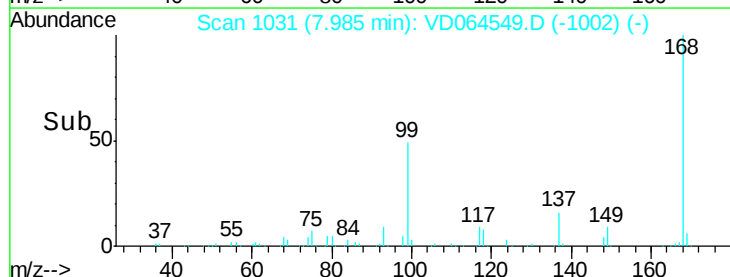
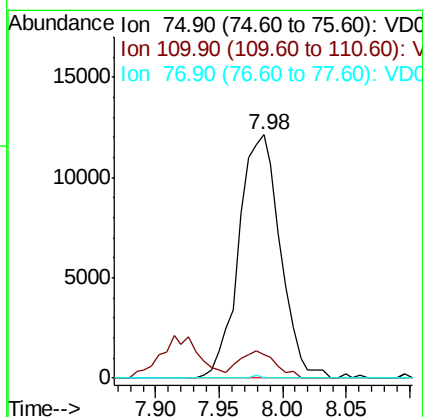
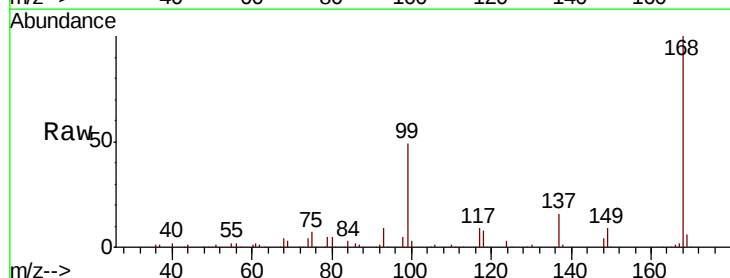
Instrument :
 MSVOA_D
 ClientSampled :
 PF-A

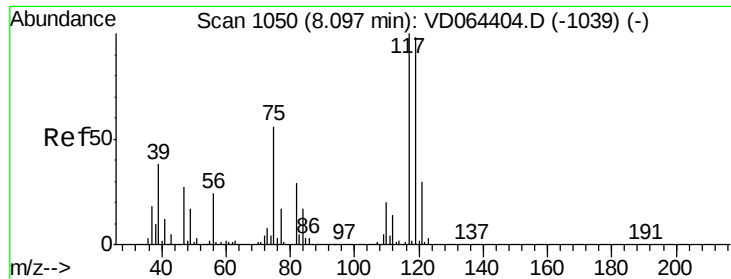
Tgt Ion: 113 Resp: 187073
 Ion Ratio Lower Upper
 113 100
 111 104.1 79.4 119.2
 192 22.6 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.851 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064549.D
 Acq: 17 Dec 2019 17:05

Tgt Ion: 75 Resp: 27529
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.6 55.8#
 77 0.2 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.177 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064549.D

Acq: 17 Dec 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

PF-A

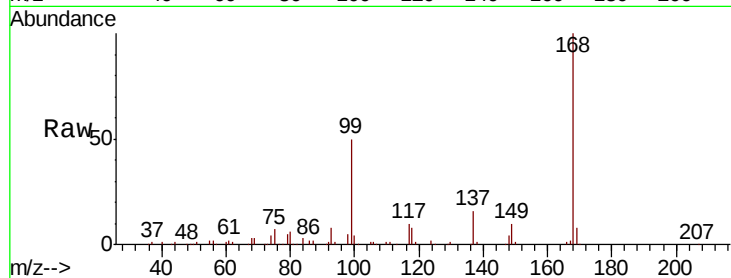
Tgt Ion:117 Resp: 36992

Ion Ratio Lower Upper

117 100

119 5.5 78.8 118.2#

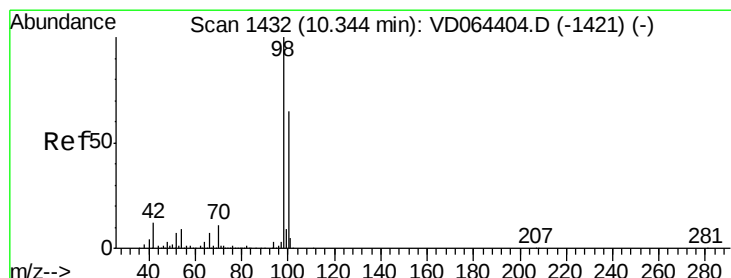
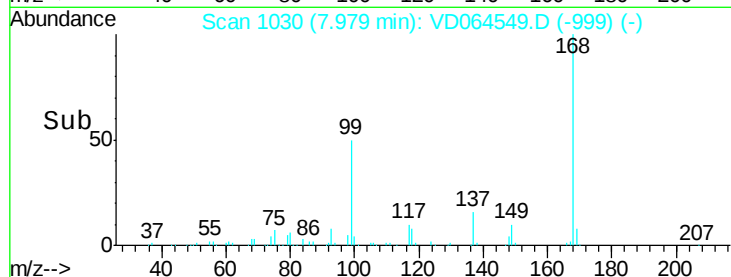
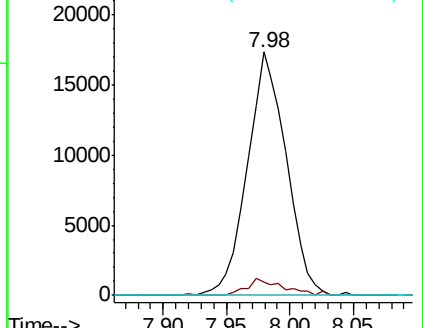
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.834 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064549.D

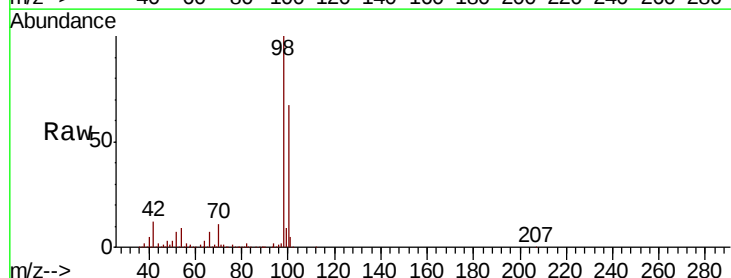
Acq: 17 Dec 2019 17:05

Tgt Ion: 98 Resp: 723804

Ion Ratio Lower Upper

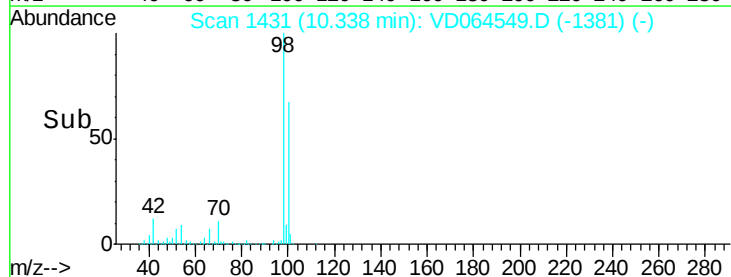
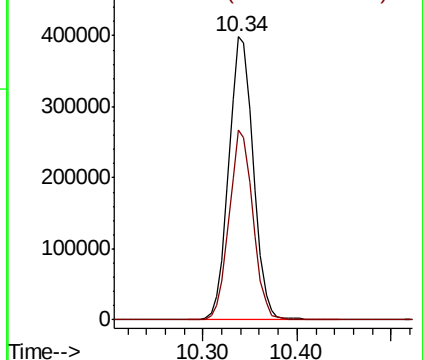
98 100

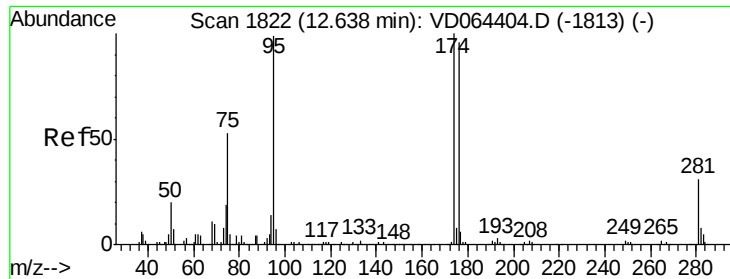
100 65.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

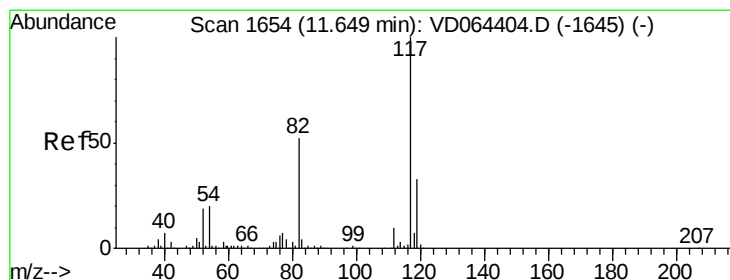
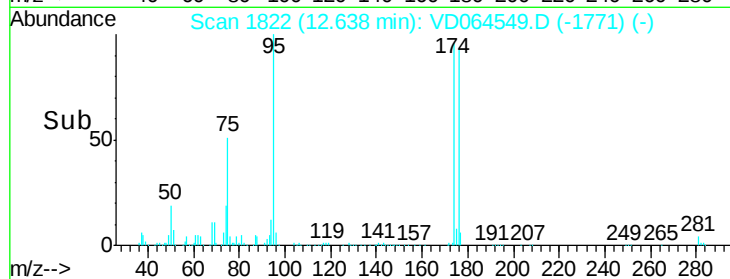
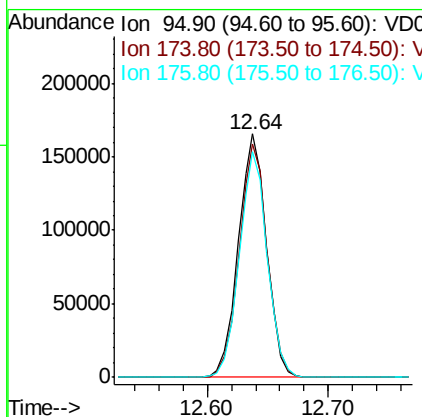
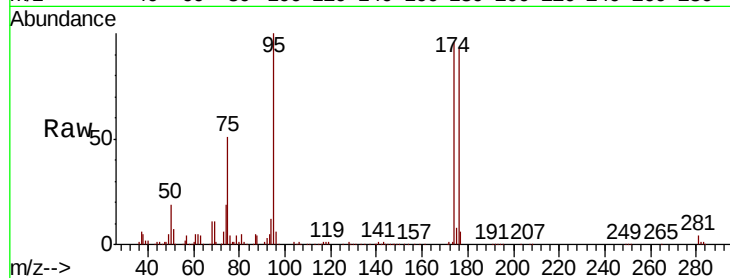




#62
4-Bromofluorobenzene
Concen: 58.468 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064549.D
Acq: 17 Dec 2019 17:05

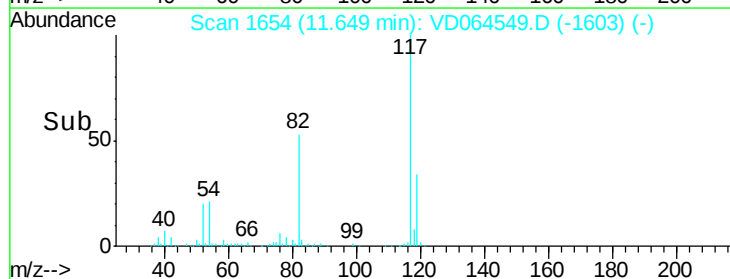
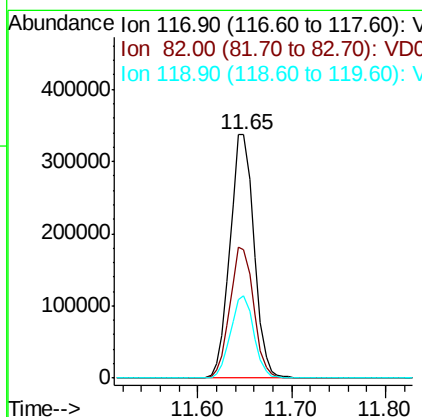
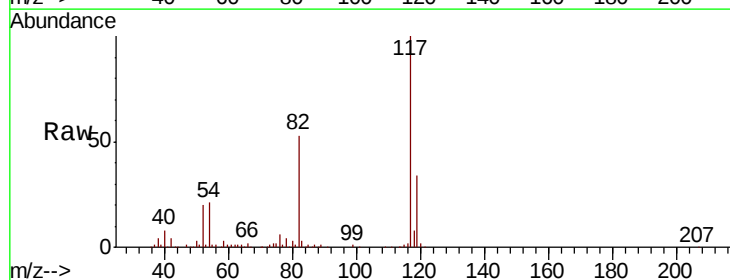
Instrument :
MSVOA_D
ClientSampleId :
PF-A

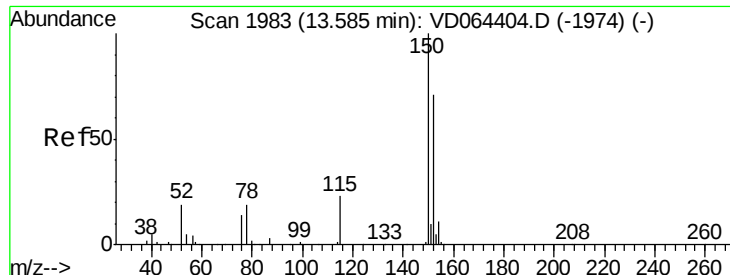
Tgt Ion: 95 Resp: 267543
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.2
176 91.9 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064549.D
Acq: 17 Dec 2019 17:05

Tgt Ion: 117 Resp: 601096
Ion Ratio Lower Upper
117 100
82 52.6 41.4 62.2
119 33.7 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: VD064549.D

Acq: 17 Dec 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

PF-A

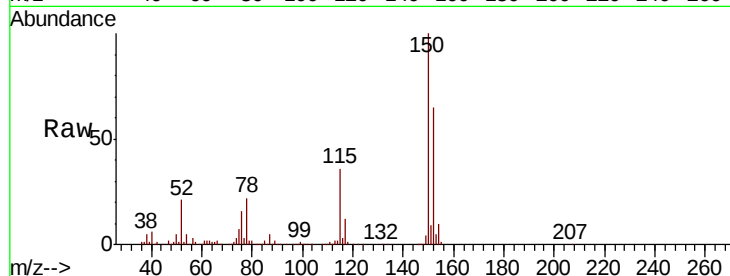
Tgt Ion:152 Resp: 310639

Ion Ratio Lower Upper

152 100

115 54.7 26.7 80.1

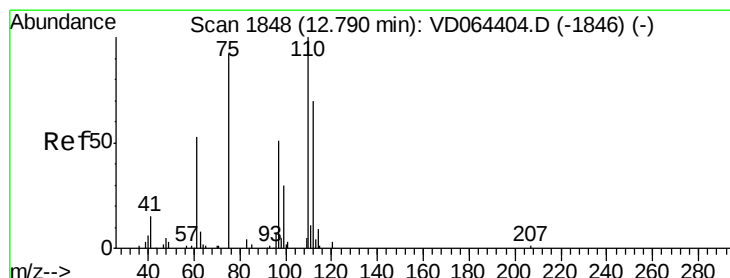
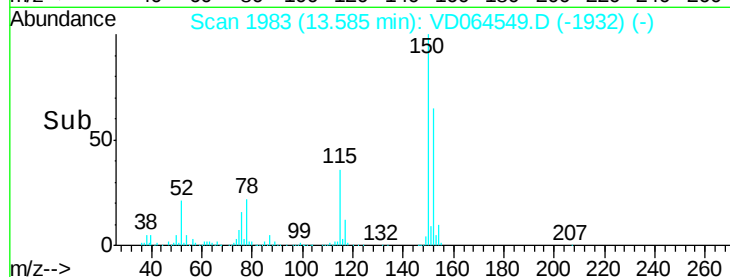
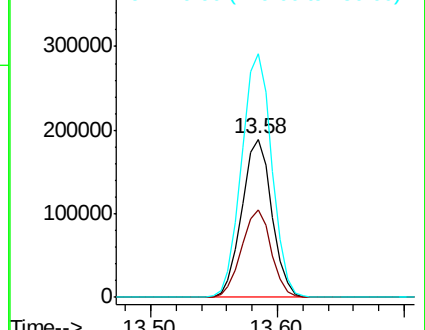
150 155.7 0.0 347.2



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: 54.940 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064549.D

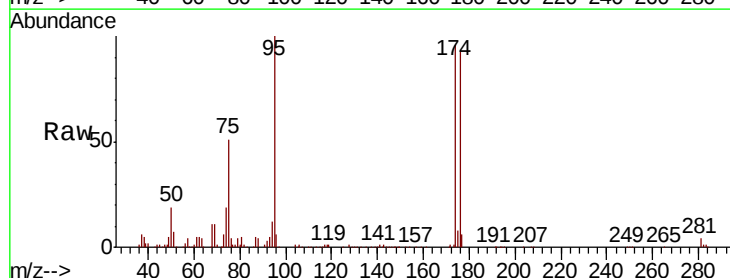
Acq: 17 Dec 2019 17:05

Tgt Ion: 75 Resp: 140350

Ion Ratio Lower Upper

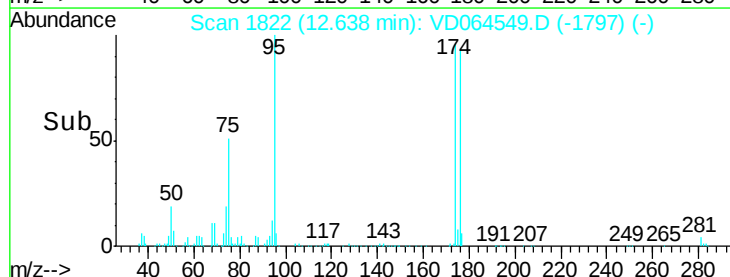
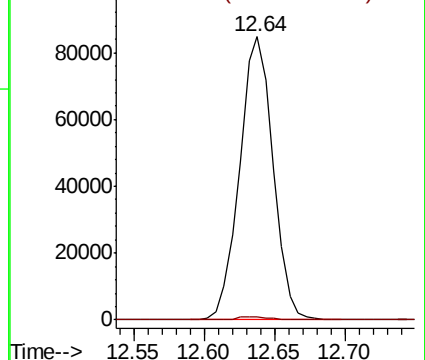
75 100

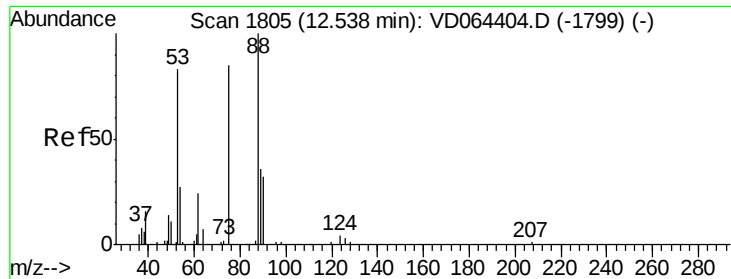
77 1.2 0.0 0.0#



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: 119.798 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064549.D

Acq: 17 Dec 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

PF-A

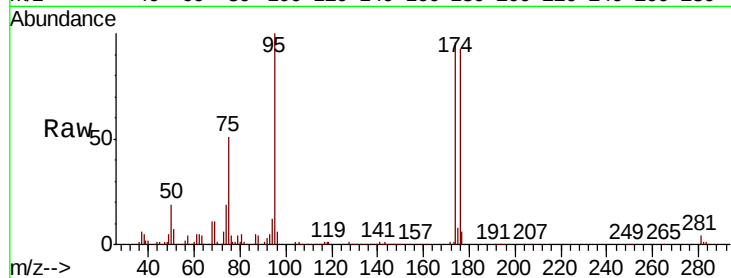
Tgt Ion: 75 Resp: 140350

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.1 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

