

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067281.D
 Acq On : 15 Oct 2020 14:11
 Operator : VA/SY
 Sample : L4392-05
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Oct 16 01:02:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	320866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	539545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	511293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245459	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	178172	55.43	ug/l	0.00
Spiked Amount			Recovery	=	110.86%	
35) Dibromofluoromethane	7.92	113	177849	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.34	98	640132	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.64	95	218798	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	

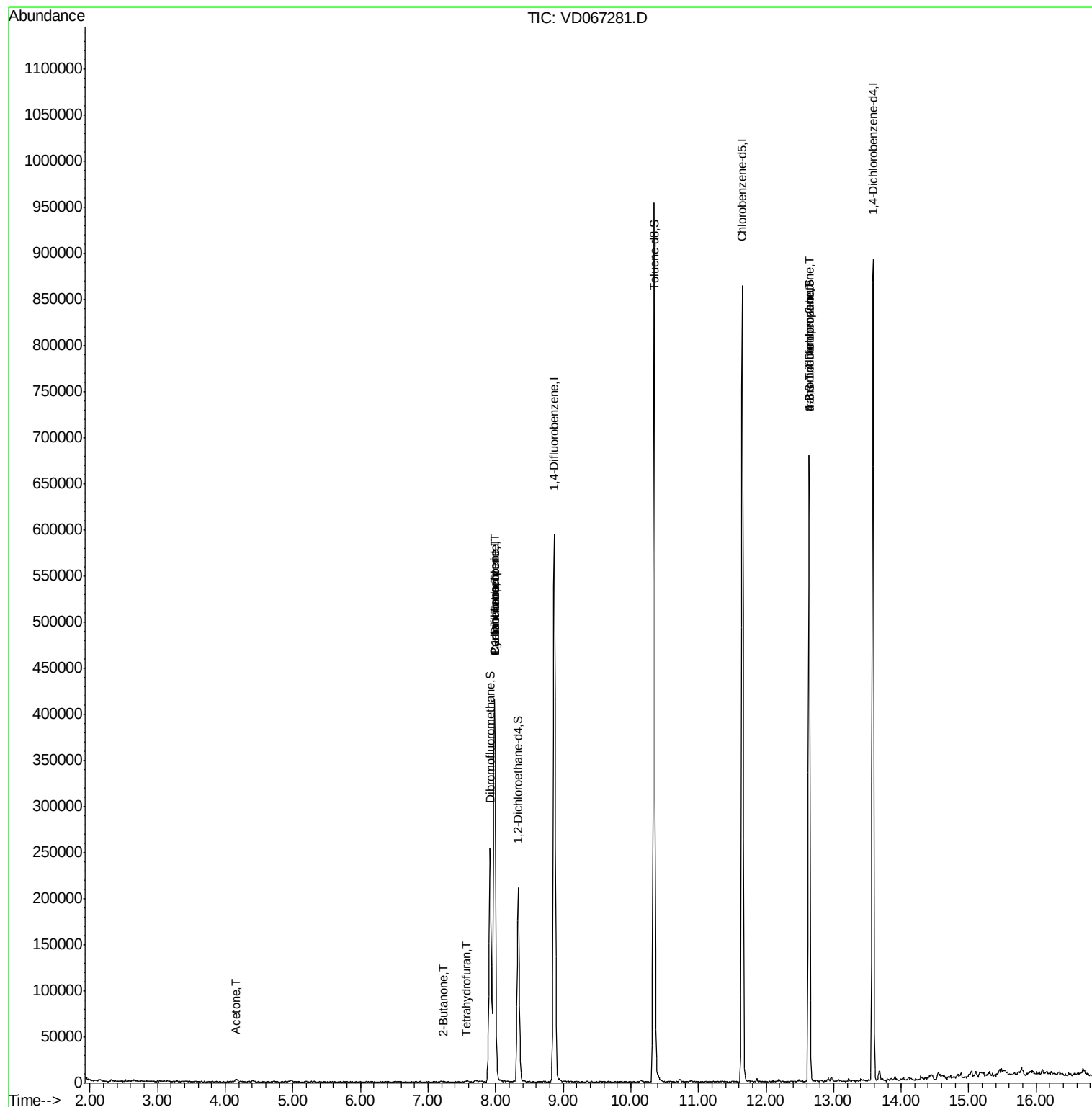
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	586	Below Cal	#	44
5) Bromomethane	2.78	94	242	Below Cal	#	24
16) Acetone	4.17	43	5521	12.263	ug/l	96
20) Methylene Chloride	4.98	84	1386	Below Cal	#	89
25) 2-Butanone	7.21	43	896	1.746	ug/l	45
29) Tetrahydrofuran	7.56	42	601	2.107	ug/l	40
31) Cyclohexane	7.98	56	6661	1.799	ug/l	33
36) 1,1-Dichloropropene	7.99	75	22907	5.009	ug/l	50
38) Carbon Tetrachloride	7.99	117	32658	5.588	ug/l	17
76) 1,2,3-Trichloropropane	12.64	75	112241	65.975	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.64	75	112241	149.612	ug/l	10

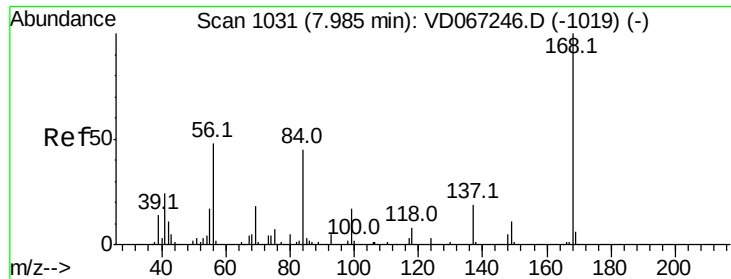
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101520\
Data File : VD067281.D
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Operator : VA/SY
Sample : L4392-05
Misc : 7.09G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
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Quant Time: Oct 16 01:02:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067281.D

Acq: 15 Oct 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

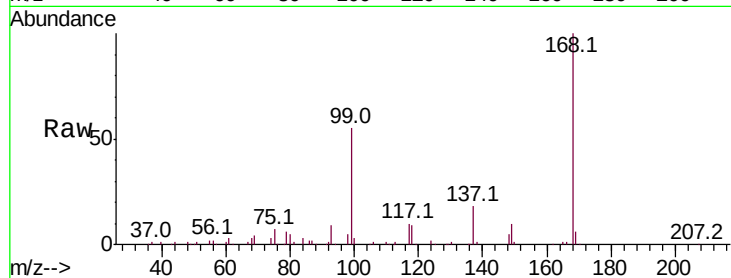
TP-2

Tot Ion:168 Resp: 320866

Ion Ratio Lower Upper

168 100

99 54.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

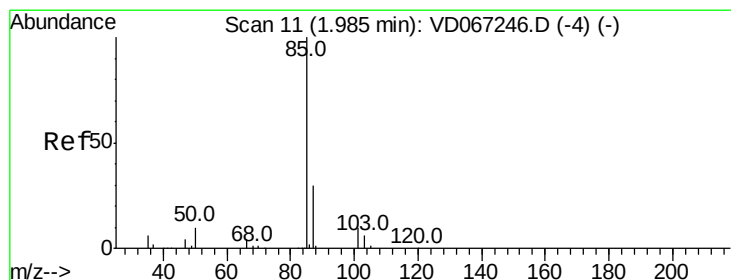
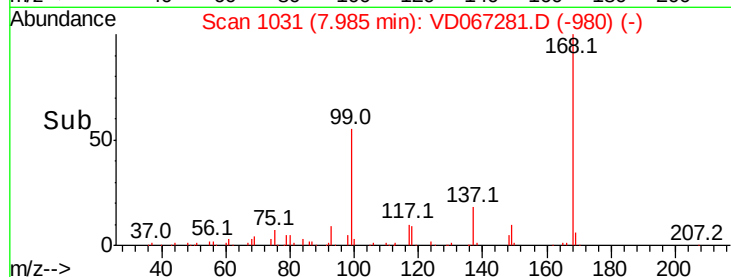
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067281.D

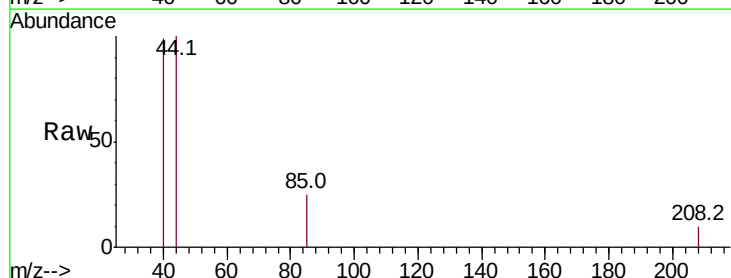
Acq: 15 Oct 2020 14:11

Tgt Ion: 85 Resp: 586

Ion Ratio Lower Upper

85 100

87 0.0 15.2 45.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

400

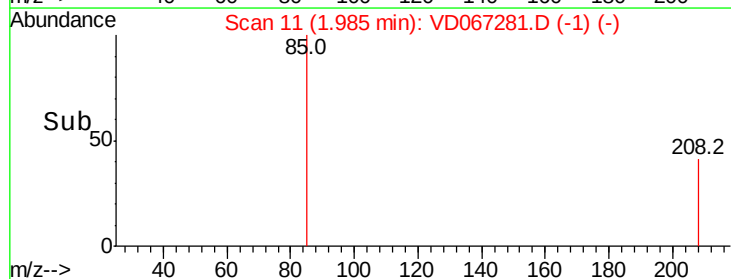
300

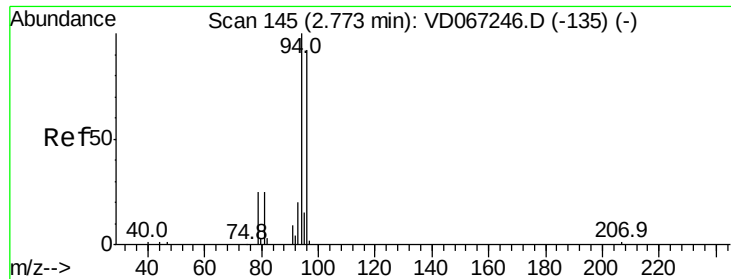
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067281.D

Acq: 15 Oct 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

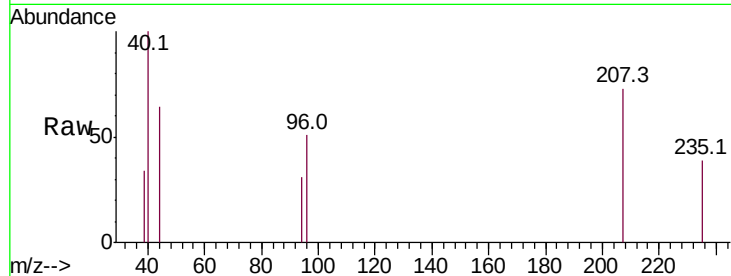
TP-2

Tot Ion: 94 Resp: 242

Ion Ratio Lower Upper

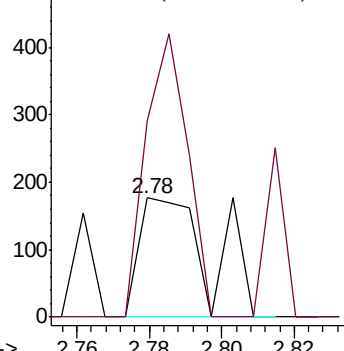
94 100

96 164.4 73.8 110.6#

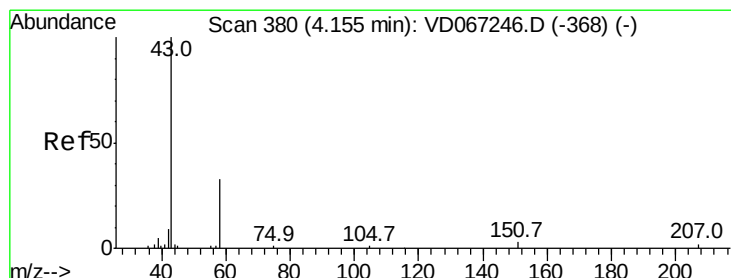
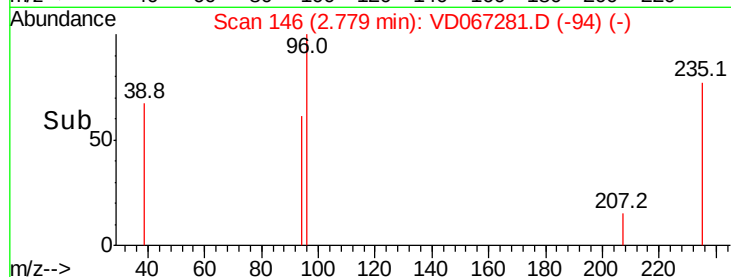


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#16

Acetone

Concen: 12.263 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067281.D

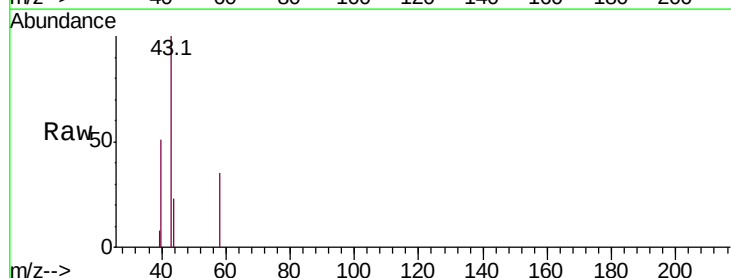
Acq: 15 Oct 2020 14:11

Tgt Ion: 43 Resp: 5521

Ion Ratio Lower Upper

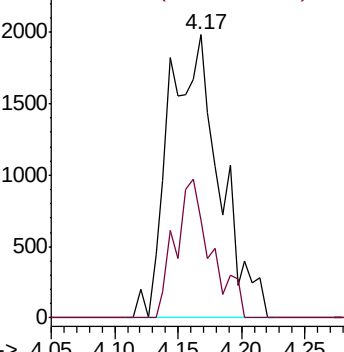
43 100

58 34.6 26.1 39.1

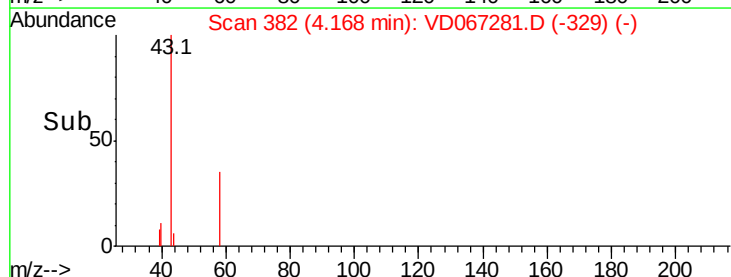


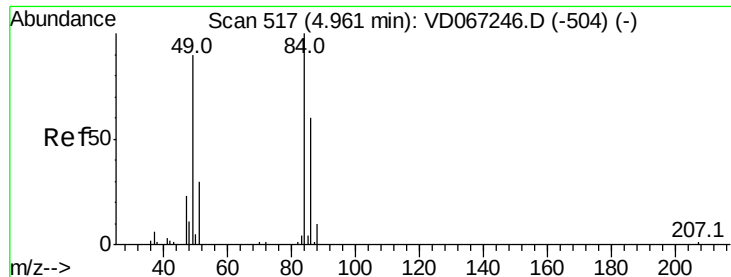
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->

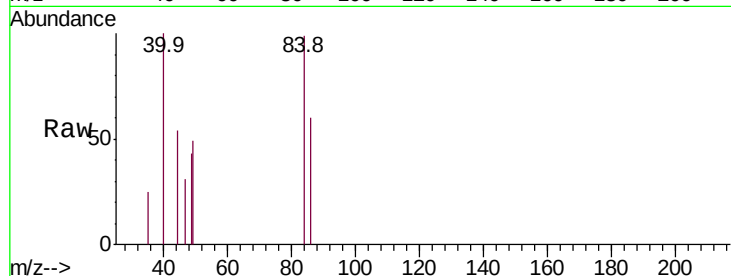




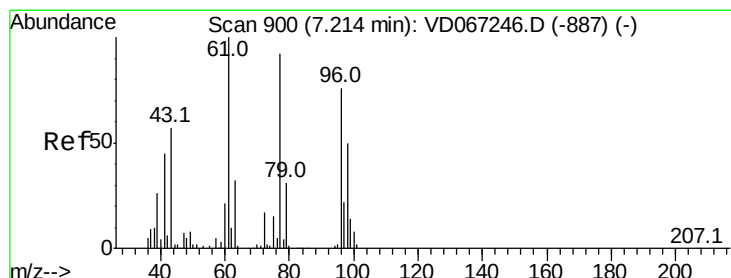
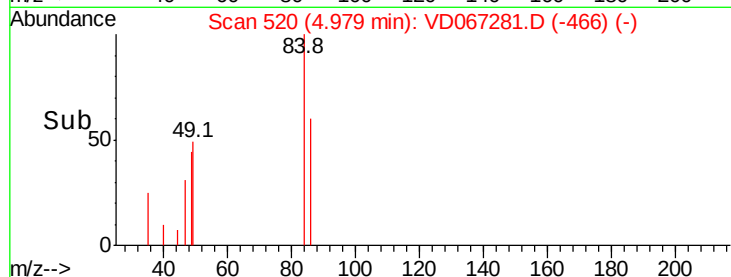
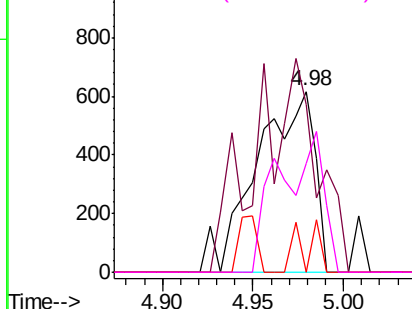
#20
Methylene Chloride
Concen: Below Cal
RT: 4.98 min Scan# 520
Delta R.T. 0.02 min
Lab File: VD067281.D
Acq: 15 Oct 2020 14:11

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion: 84 Resp: 1386
Ion Ratio Lower Upper
84 100
49 93.0 72.2 108.2
51 0.0 23.8 35.8#
86 60.5 48.2 72.4

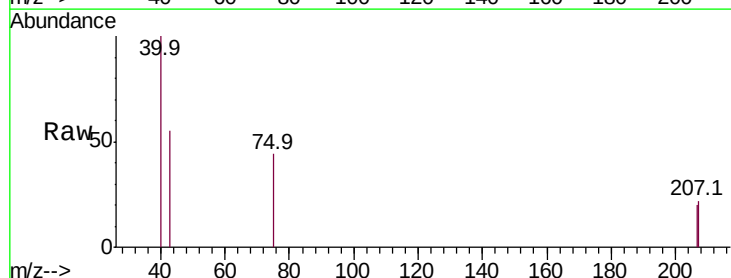


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

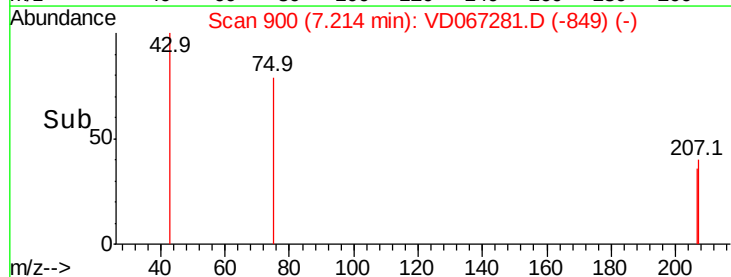
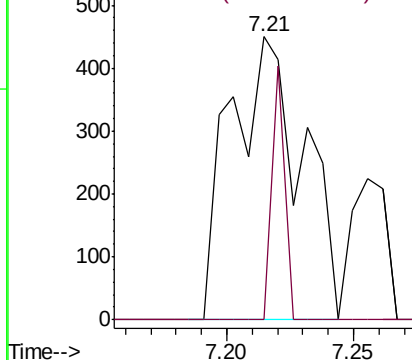


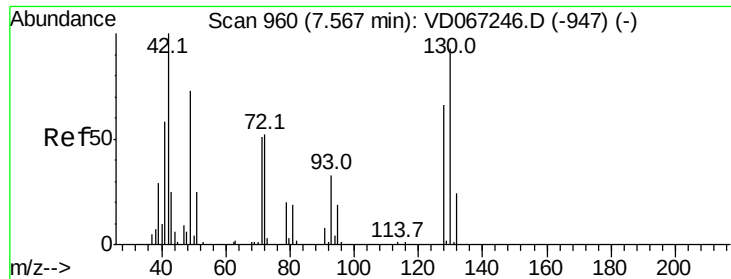
#25
2-Butanone
Concen: 1.746 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067281.D
Acq: 15 Oct 2020 14:11

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



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

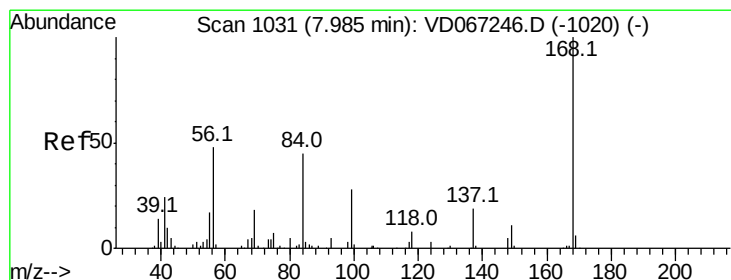
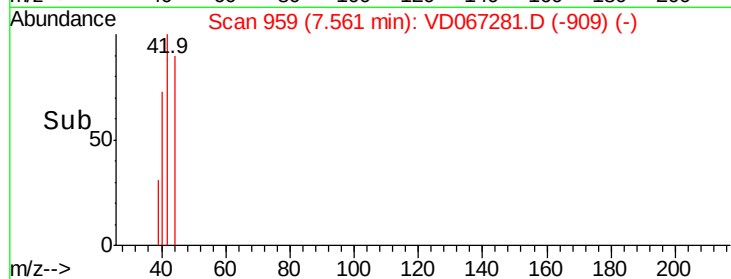
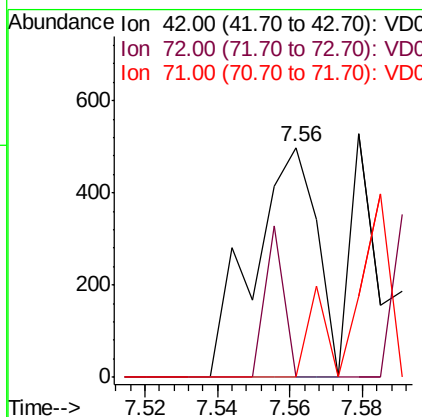
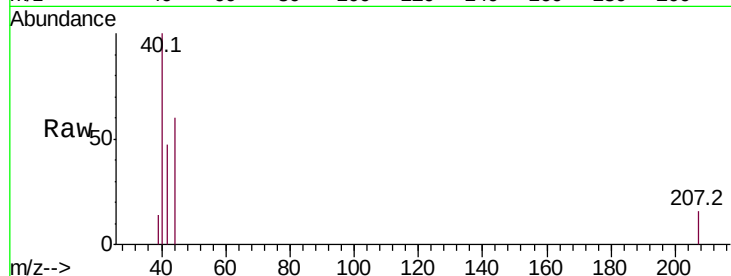




#29
Tetrahydrofuran
Concen: 2.107 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067281.D
Acq: 15 Oct 2020 14:11

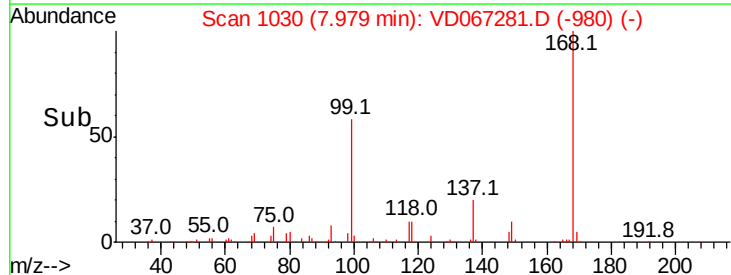
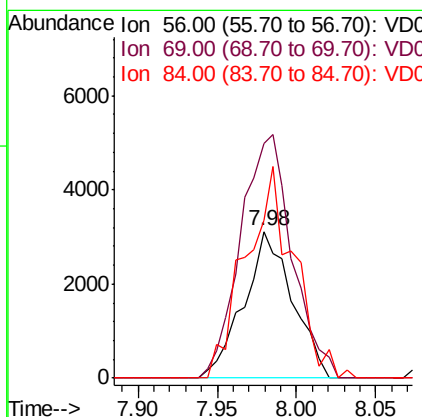
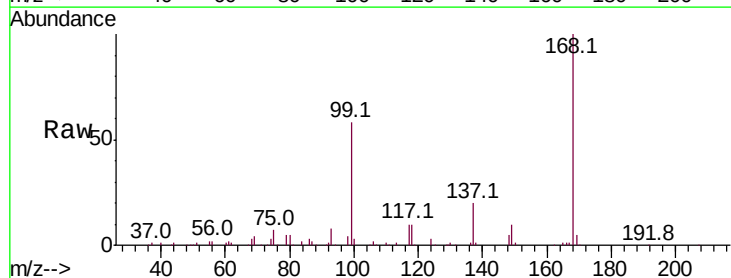
Instrument :
MSVOA_D
ClientSampled :
TP-2

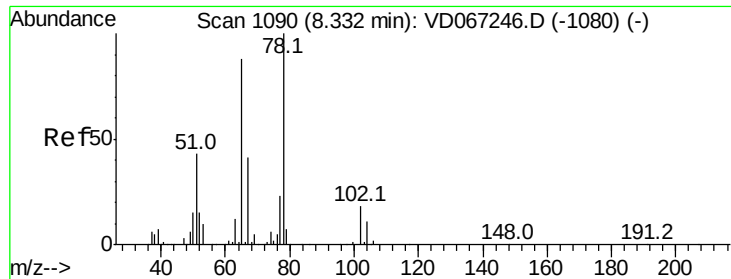
Tot Ion: 42 Resp: 601
Ion Ratio Lower Upper
42 100
72 19.1 43.2 64.8#
71 0.0 39.4 59.0#



#31
Cyclohexane
Concen: 1.799 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067281.D
Acq: 15 Oct 2020 14:11

Tgt Ion: 56 Resp: 6661
Ion Ratio Lower Upper
56 100
69 160.6 29.8 44.6#
84 107.6 76.6 114.8

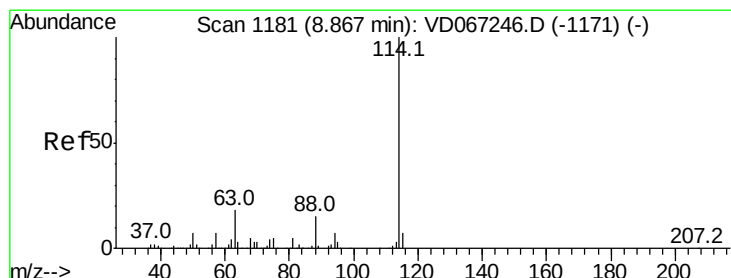
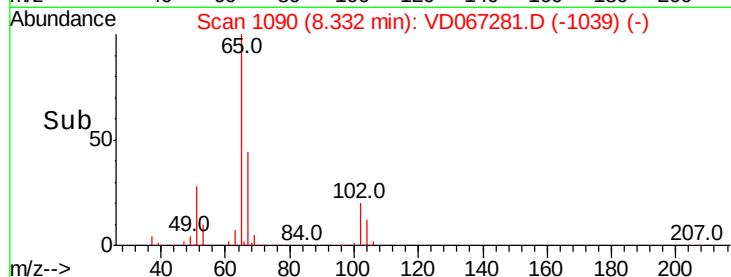
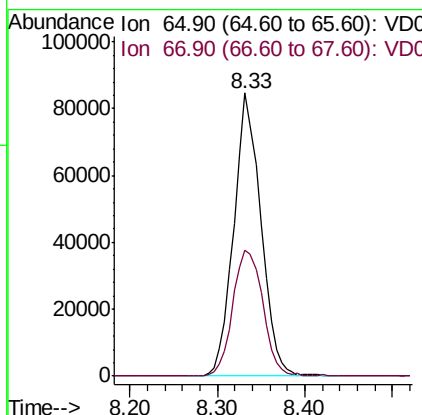
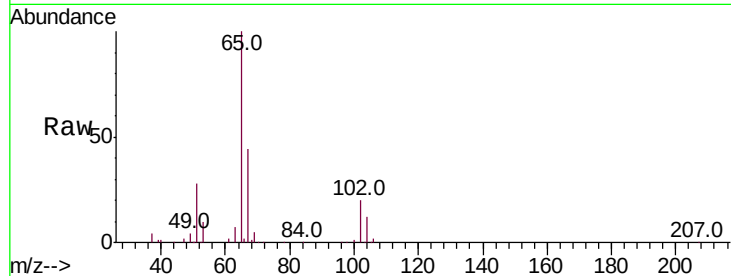




#33
 1,2-Dichloroethane-d4
 Concen: 55.426 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067281.D
 Acq: 15 Oct 2020 14:11

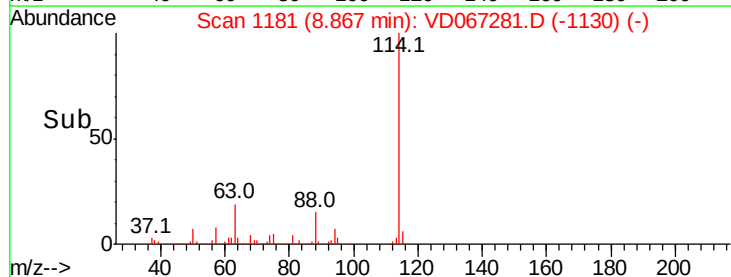
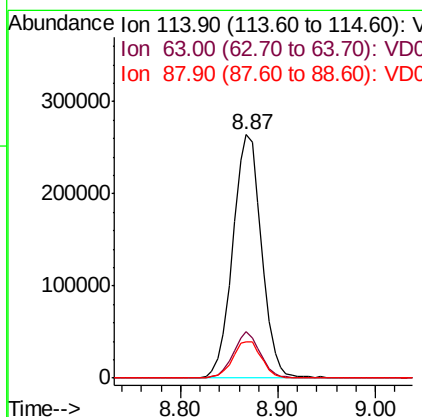
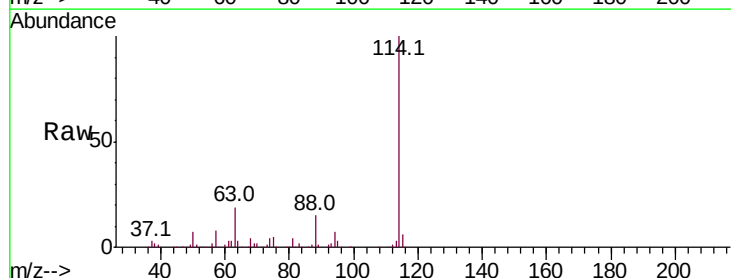
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

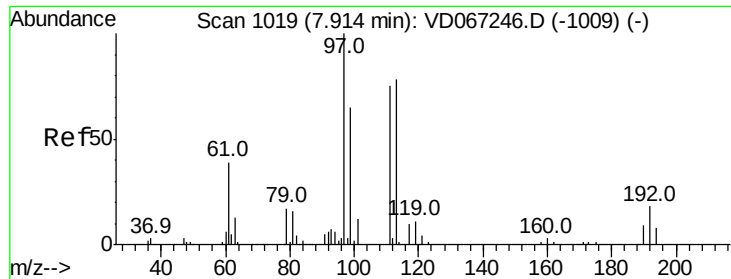
Tot Ion: 65 Resp: 178172
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067281.D
 Acq: 15 Oct 2020 14:11

Tgt Ion: 114 Resp: 539545
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.0
 88 14.8 0.0 30.6

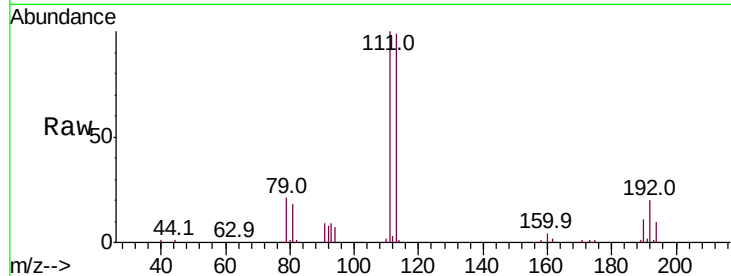




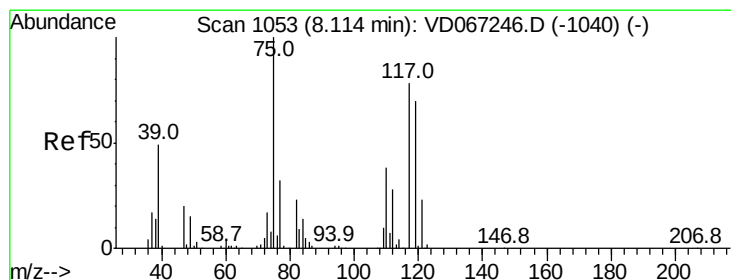
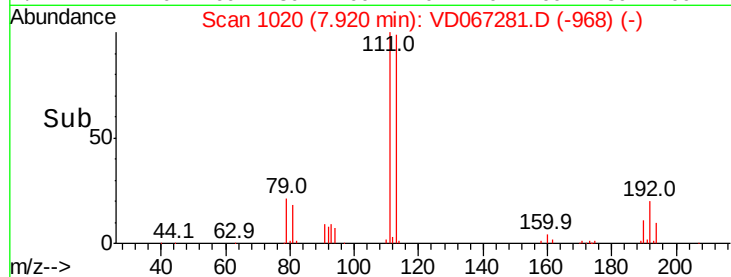
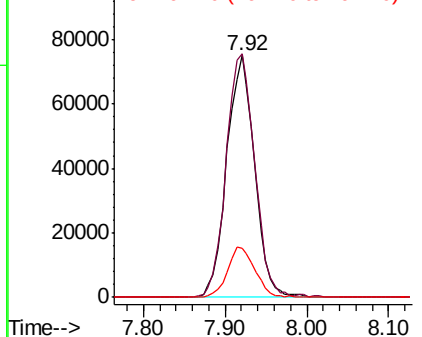
#35
 Dibromofluoromethane
 Concen: 49.531 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067281.D
 Acq: 15 Oct 2020 14:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion:113 Resp: 177849
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.6 122.4
 192 20.6 17.0 25.4

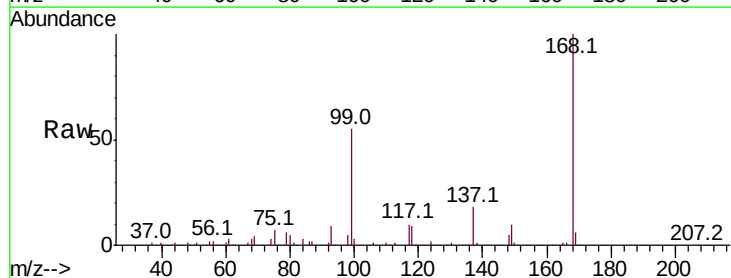


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

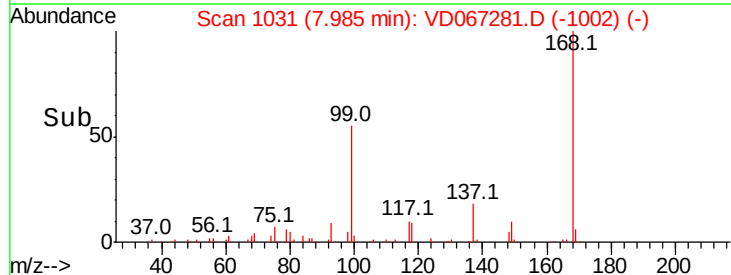
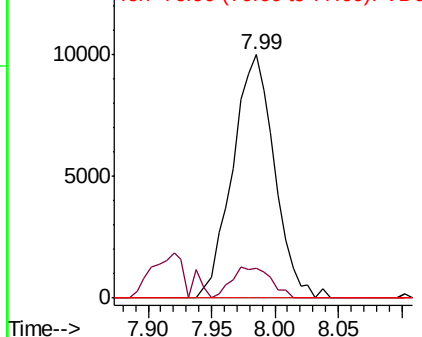


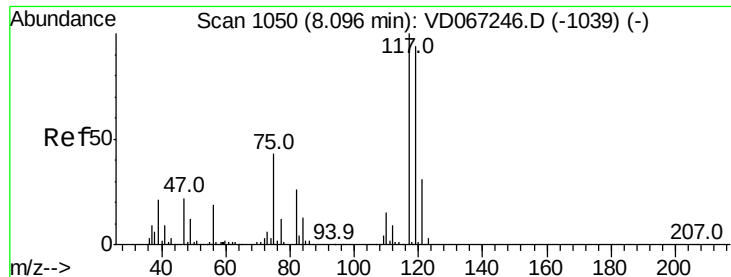
#36
 1,1-Dichloropropene
 Concen: 5.009 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067281.D
 Acq: 15 Oct 2020 14:11

Tgt Ion: 75 Resp: 22907
 Ion Ratio Lower Upper
 75 100
 110 11.9 19.6 58.7#
 77 0.0 24.6 37.0#



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: 5.588 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD067281.D

Acq: 15 Oct 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

TP-2

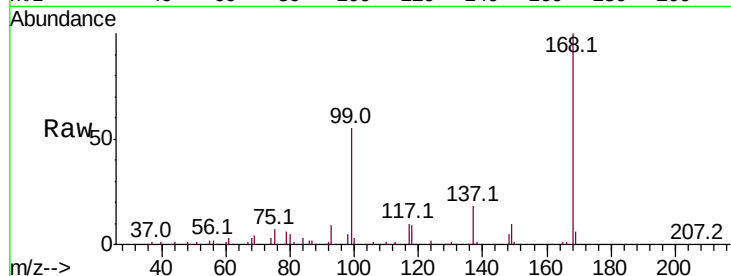
Tot Ion:117 Resp: 32658

Ion Ratio Lower Upper

117 100

119 4.8 75.0 112.4#

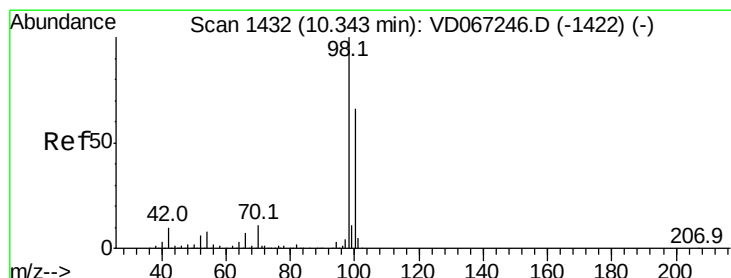
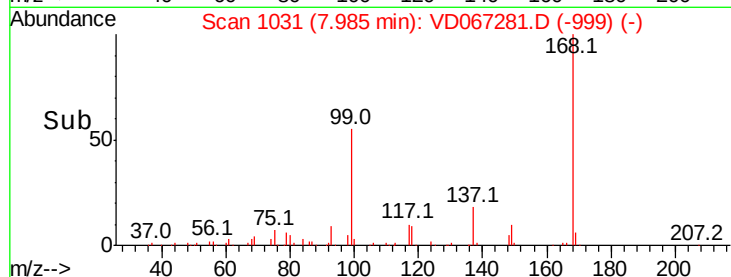
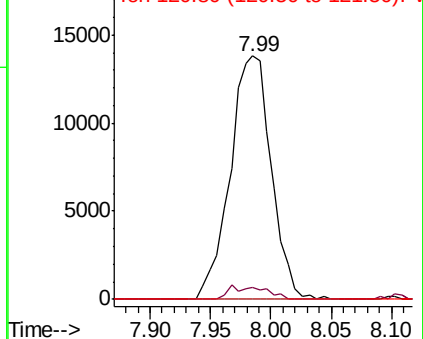
121 0.0 24.9 37.3#



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: 49.262 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067281.D

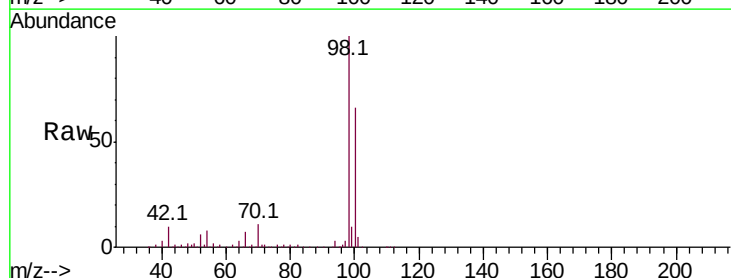
Acq: 15 Oct 2020 14:11

Tgt Ion: 98 Resp: 640132

Ion Ratio Lower Upper

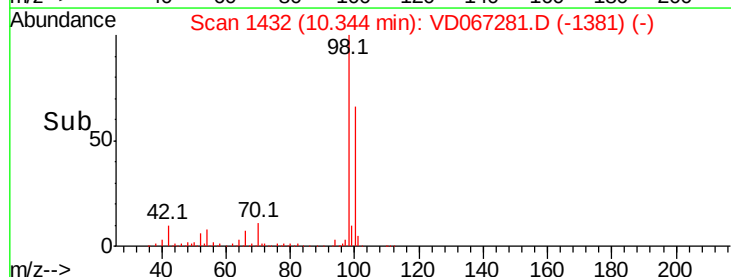
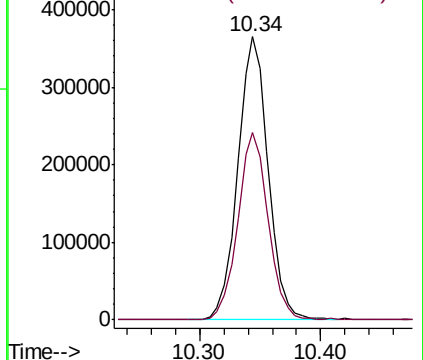
98 100

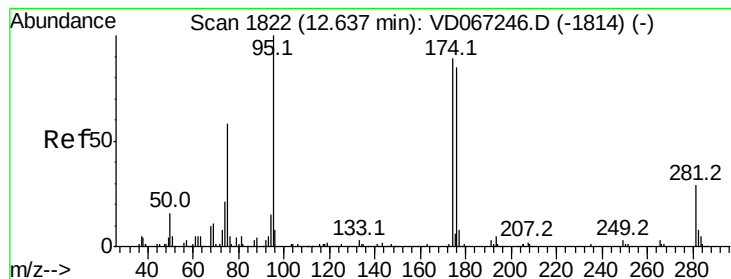
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.424 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067281.D

Acq: 15 Oct 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

TP-2

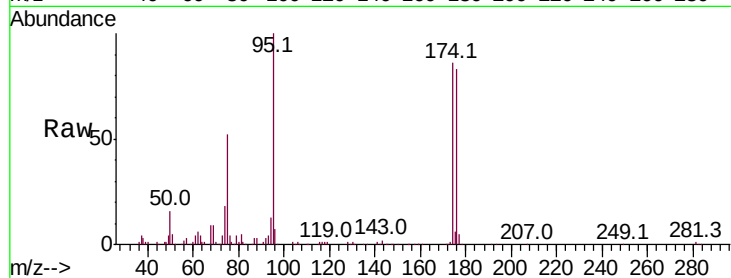
Tot Ion: 95 Resp: 218798

Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.2

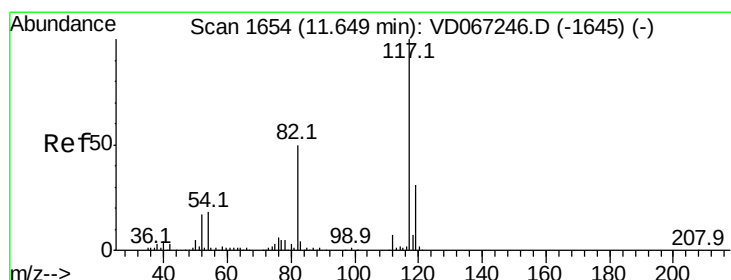
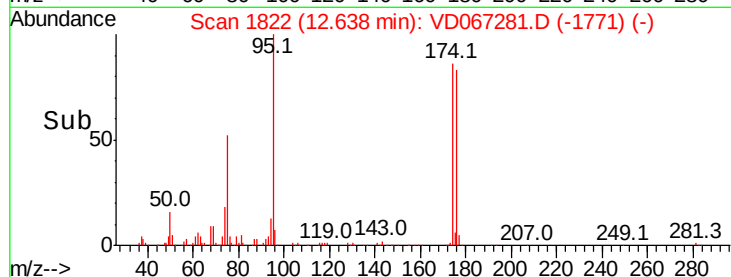
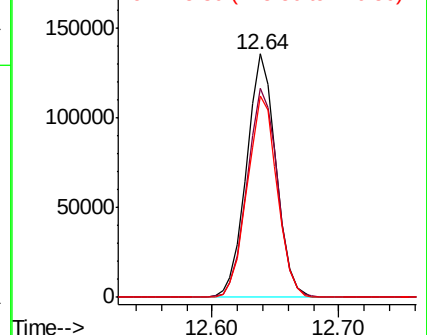
176 83.9 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067281.D

Acq: 15 Oct 2020 14:11

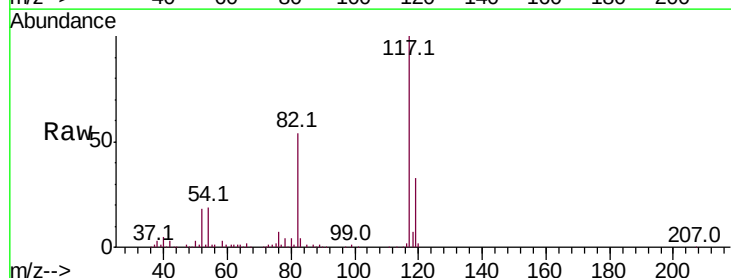
Tgt Ion: 117 Resp: 511293

Ion Ratio Lower Upper

117 100

82 54.1 39.9 59.9

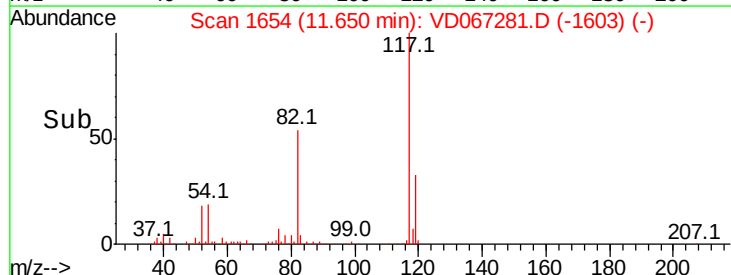
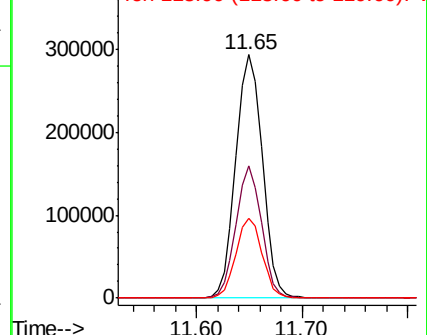
119 32.9 24.9 37.3

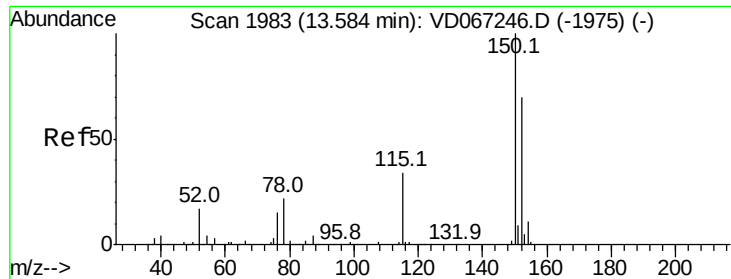


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



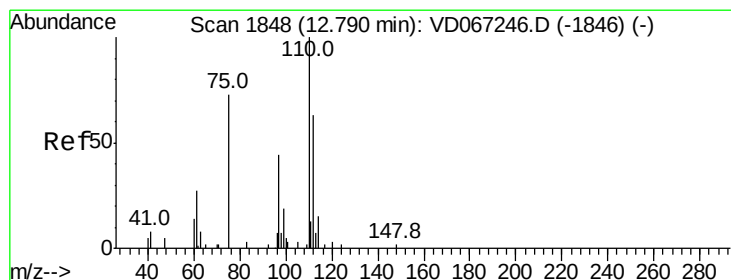
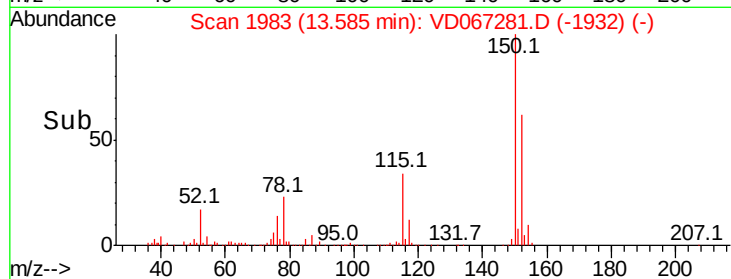
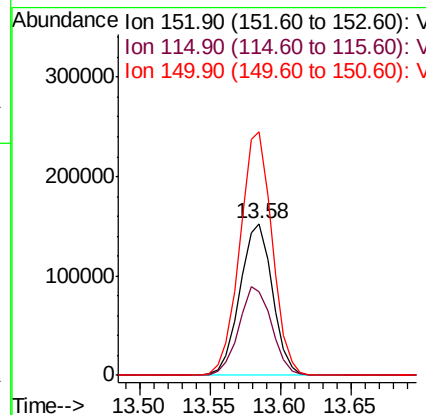
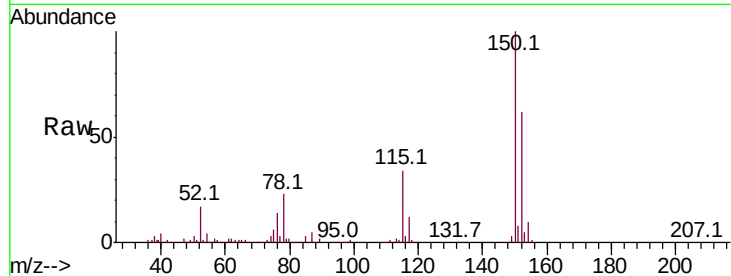


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067281.D
Acq: 15 Oct 2020 14:11

Instrument :
MSVOA_D
ClientSampleId :
TP-2

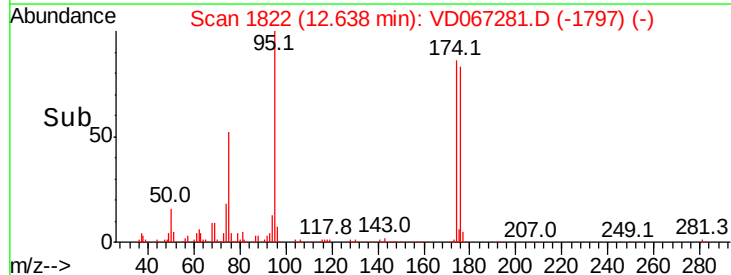
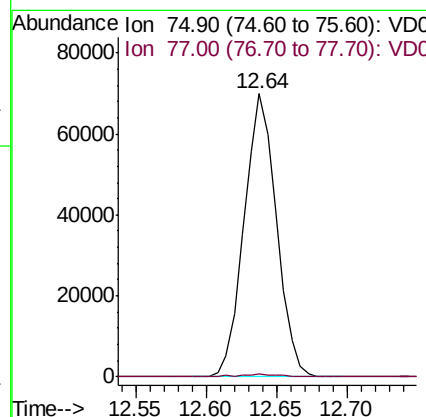
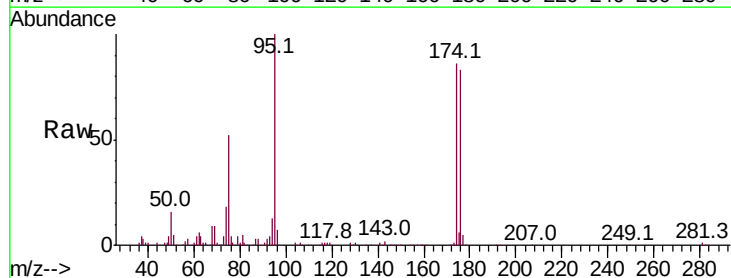
Tot Ion:152 Resp: 245459
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 159.2 0.0 339.0

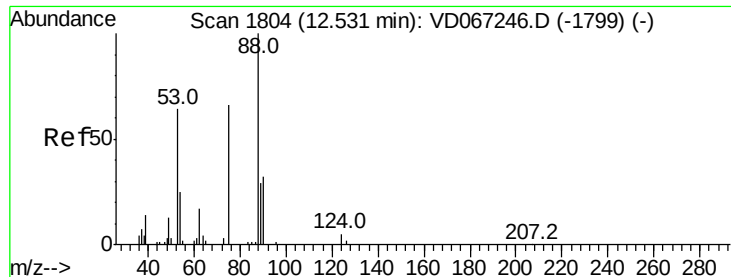


#76

1,2,3-Trichloropropane
Concen: 65.975 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067281.D
Acq: 15 Oct 2020 14:11

Tgt Ion: 75 Resp: 112241
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 149.612 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067281.D

Acq: 15 Oct 2020 14:11

Instrument :

MSVOA_D

ClientSampleId :

TP-2

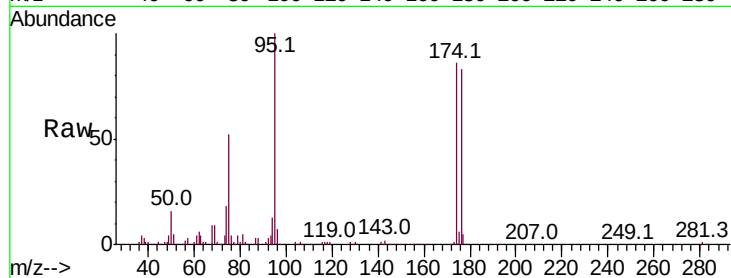
Tot Ion: 75 Resp: 112241

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.1 39.9 59.9#



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

