

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067287.D
 Acq On : 15 Oct 2020 16:55
 Operator : VA/SY
 Sample : L4392-01RE
 Misc : 4.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Oct 16 01:03:16 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	7.98	168	112146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	186549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	198304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	97438	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	83535	74.35	ug/l	0.00
Spiked Amount			Recovery	=	148.70%	
35) Dibromofluoromethane	7.91	113	71014	57.20	ug/l	0.00
Spiked Amount			Recovery	=	114.40%	
50) Toluene-d8	10.34	98	228078	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.64	95	81795	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	

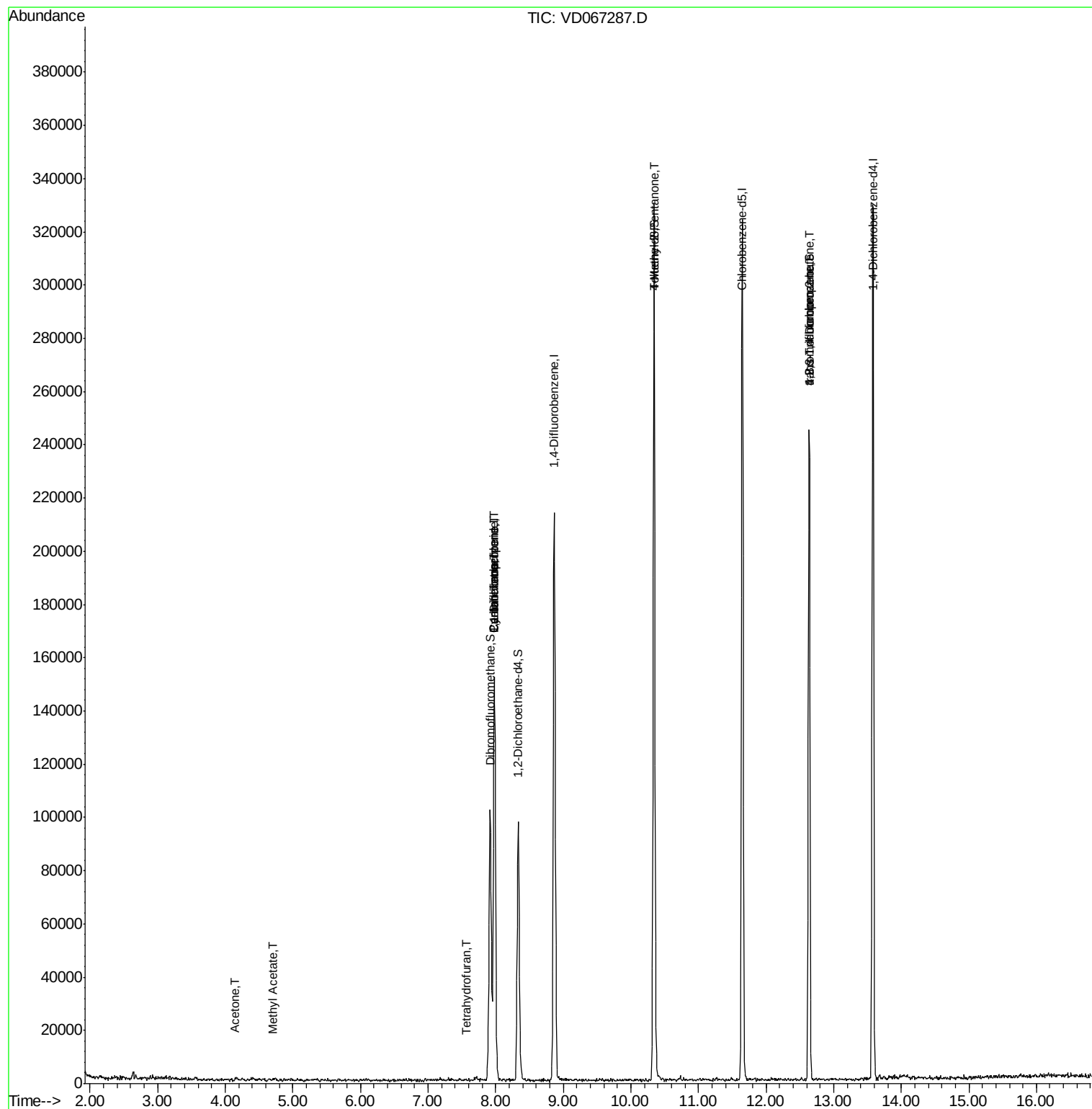
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	212	Below Cal	#	34
16) Acetone	4.15	43	822	5.224	ug/l #	42
18) Methyl Acetate	4.70	43	676	1.884	ug/l #	41
20) Methylene Chloride	4.97	84	191	Below Cal	#	64
29) Tetrahydrofuran	7.57	42	240	2.407	ug/l #	74
31) Cyclohexane	7.98	56	2276	1.759	ug/l #	41
36) 1,1-Dichloropropene	7.98	75	8273	5.232	ug/l #	50
38) Carbon Tetrachloride	7.98	117	12575	6.223	ug/l #	17
51) 4-Methyl-2-Pentanone	10.34	43	1124	2.441	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	40101	59.379	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	40101	134.654	ug/l #	10

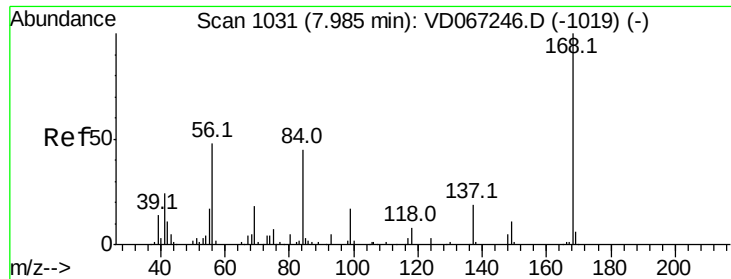
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101520\
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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: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067287.D

Acq: 15 Oct 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

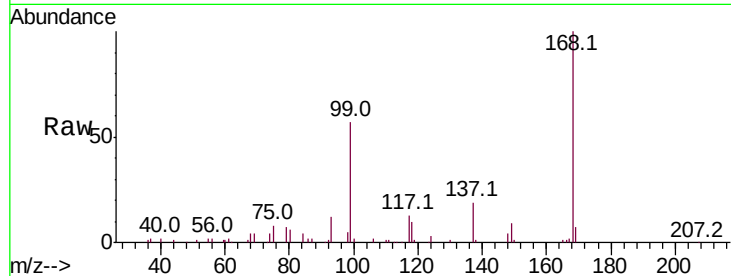
TP-1RE

Tot Ion:168 Resp: 112146

Ion Ratio Lower Upper

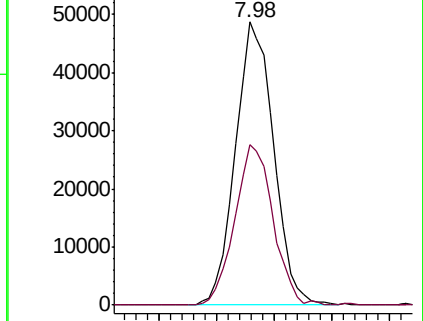
168 100

99 56.6 45.9 68.9

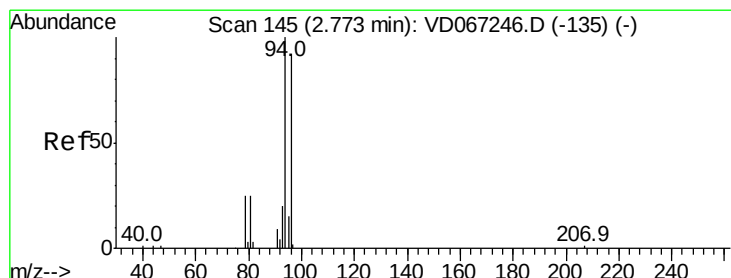
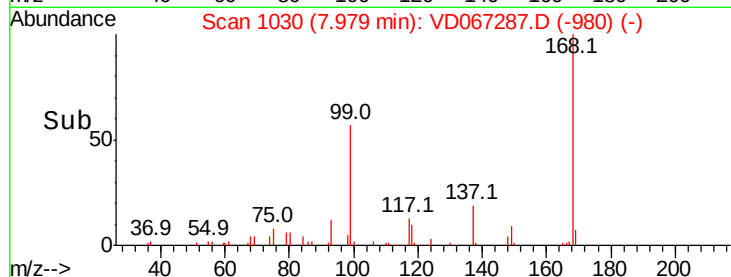


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067287.D

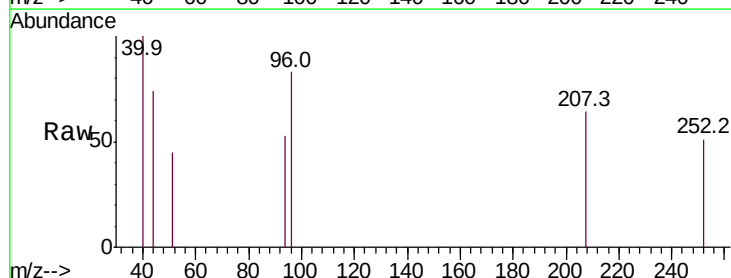
Acq: 15 Oct 2020 16:55

Tgt Ion: 94 Resp: 212

Ion Ratio Lower Upper

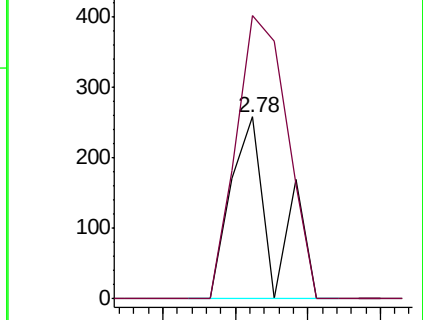
94 100

96 155.4 73.8 110.6#

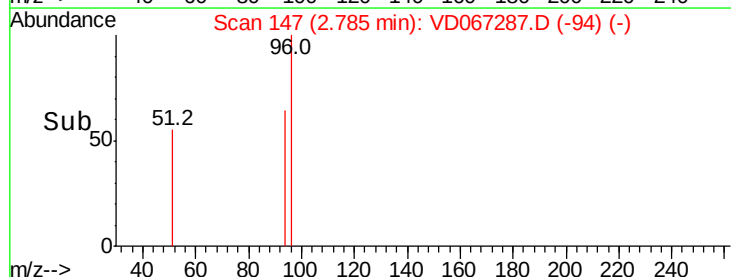


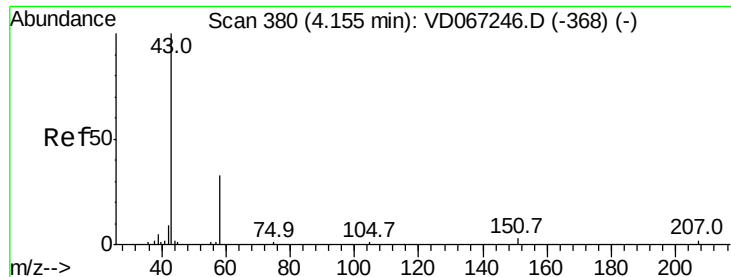
Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->





#16

Acetone

Concen: 5.224 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067287.D

Acq: 15 Oct 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

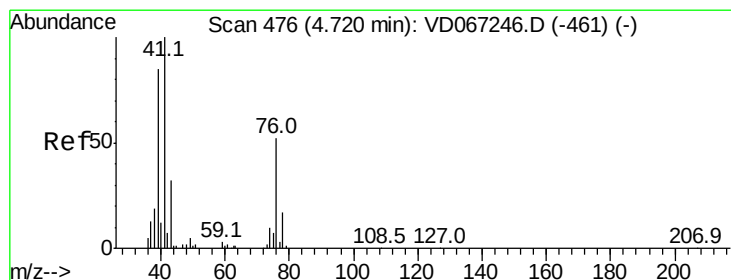
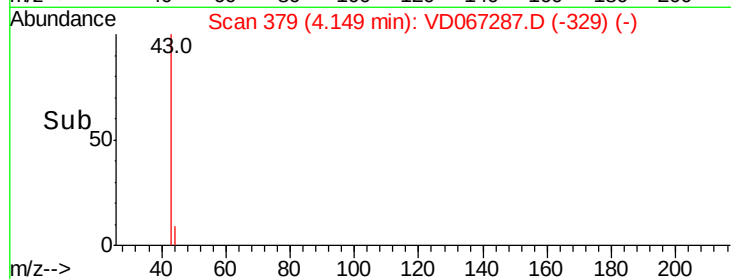
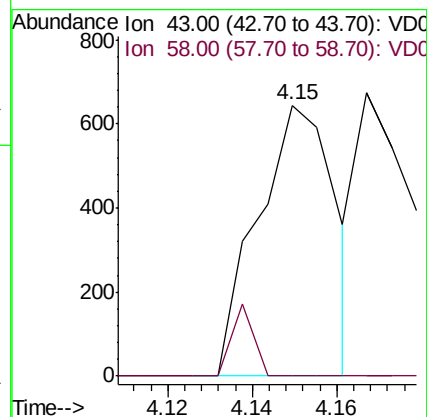
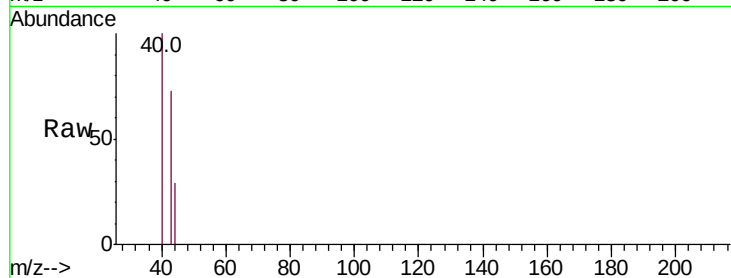
TP-1RE

Tot Ion: 43 Resp: 822

Ion Ratio Lower Upper

43 100

58 0.0 26.1 39.1#



#18

Methyl Acetate

Concen: 1.884 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.02 min

Lab File: VD067287.D

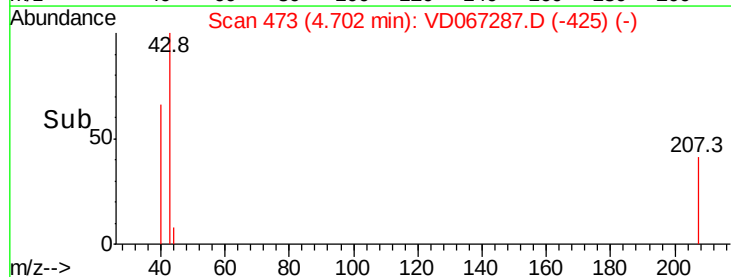
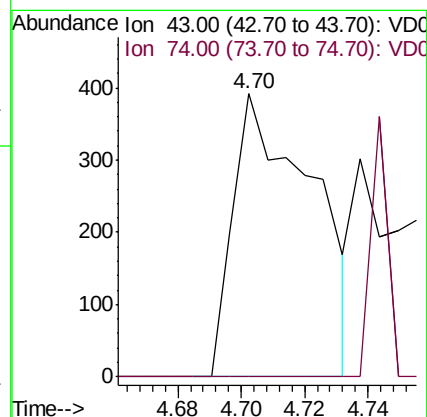
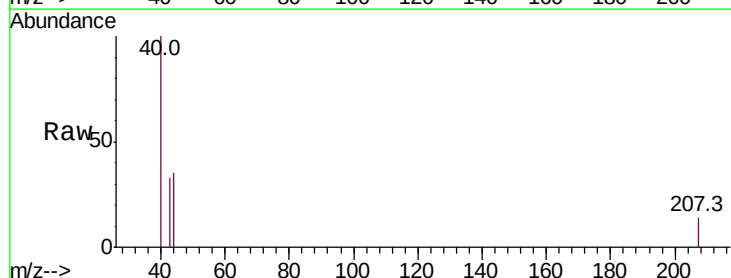
Acq: 15 Oct 2020 16:55

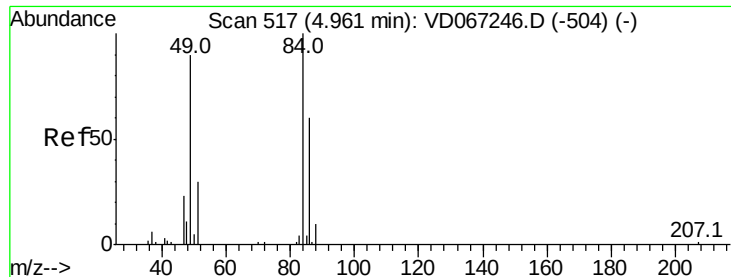
Tgt Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

74 0.0 26.6 39.8#

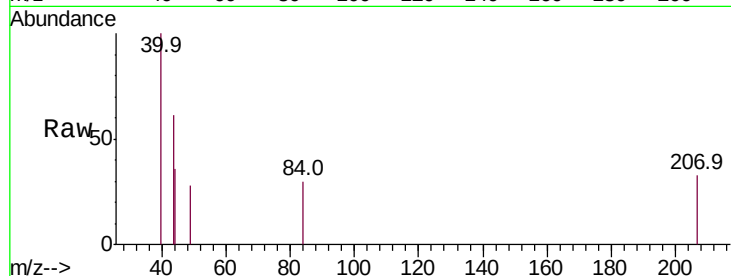




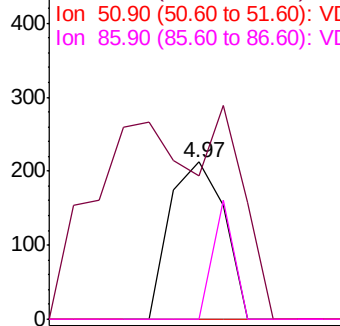
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

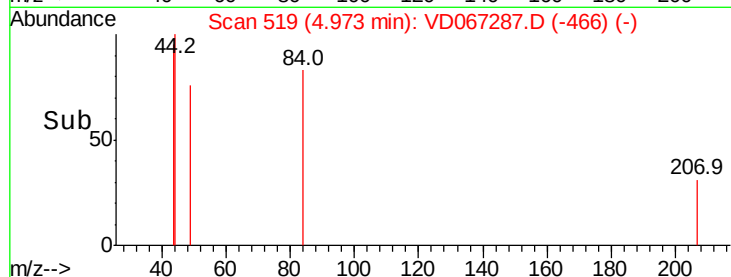
Tot Ion: 84 Resp: 191
Ion Ratio Lower Upper
84 100
49 91.5 72.2 108.2
51 0.0 23.8 35.8#
86 0.0 48.2 72.4#



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

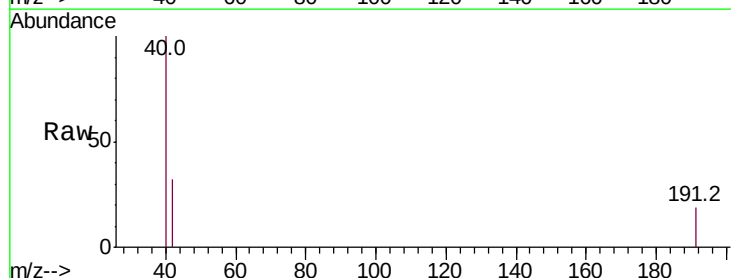
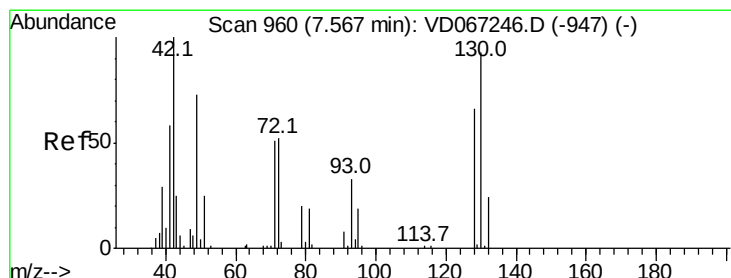


Time--> 4.94 4.96 4.98 5.00

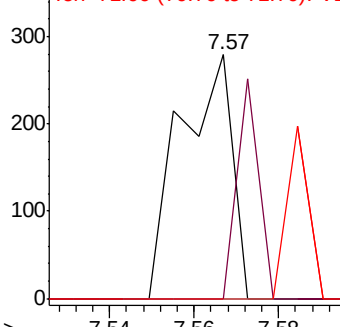


#29
Tetrahydrofuran
Concen: 2.407 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

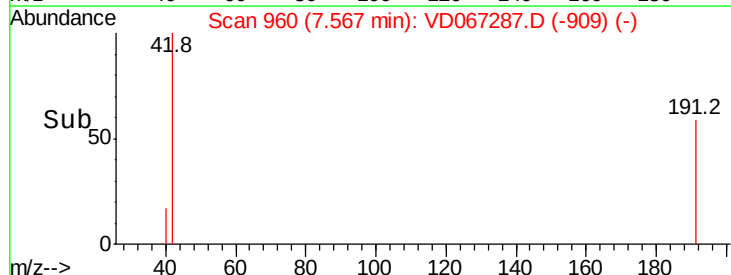
Tgt Ion: 42 Resp: 240
Ion Ratio Lower Upper
42 100
72 37.1 43.2 64.8#
71 29.2 39.4 59.0#

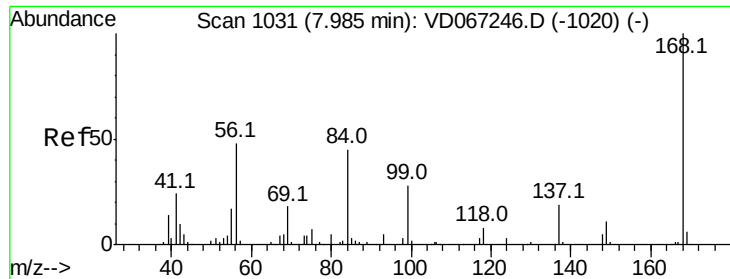


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



Time--> 7.54 7.56 7.58

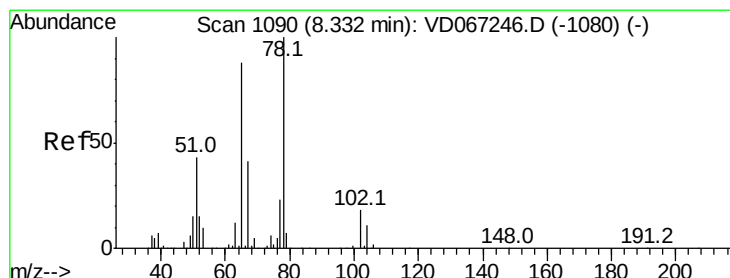
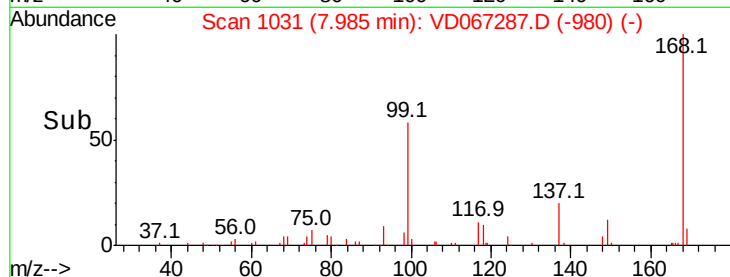
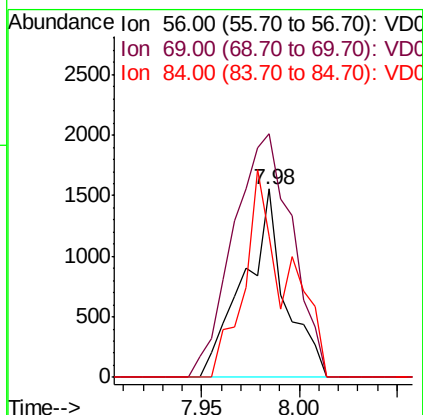
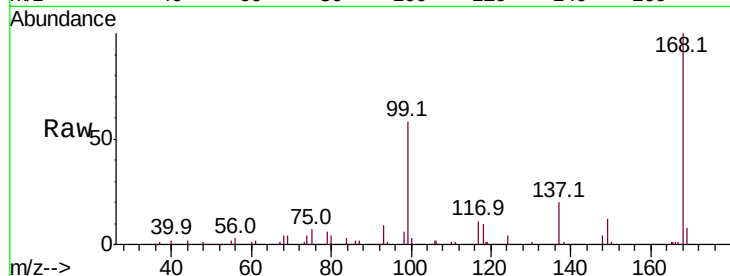




#31
Cyclohexane
Concen: 1.759 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

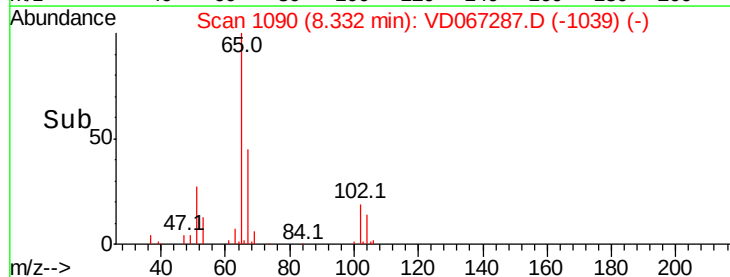
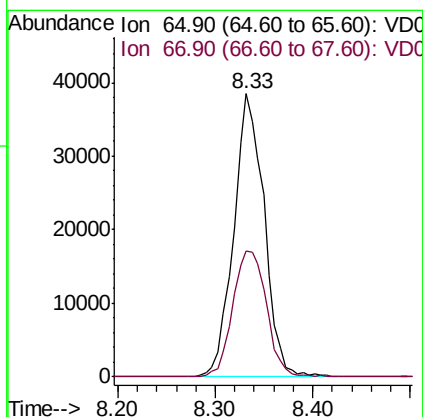
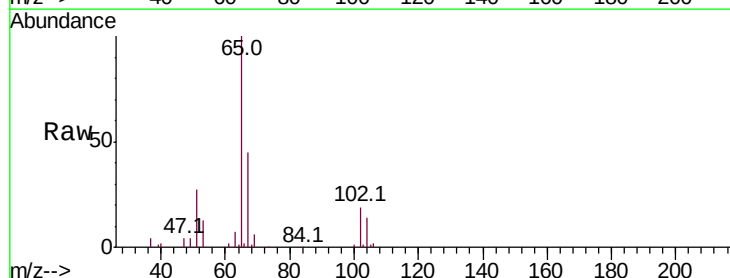
Instrument :
MSVOA_D
ClientSampled :
TP-1RE

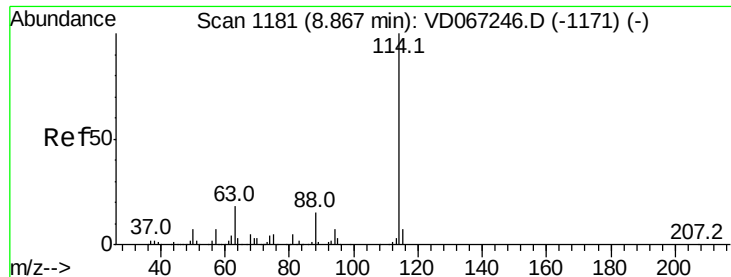
Tot Ion: 56 Resp: 2276
Ion Ratio Lower Upper
56 100
69 129.5 29.8 44.6#
84 75.0 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 74.350 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

Tgt Ion: 65 Resp: 83535
Ion Ratio Lower Upper
65 100
67 49.4 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: VD067287.D

Acq: 15 Oct 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE

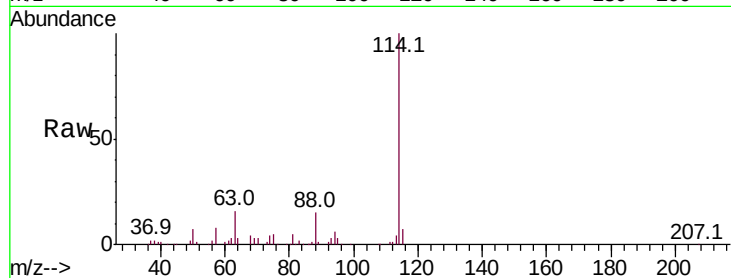
Tot Ion:114 Resp: 186549

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

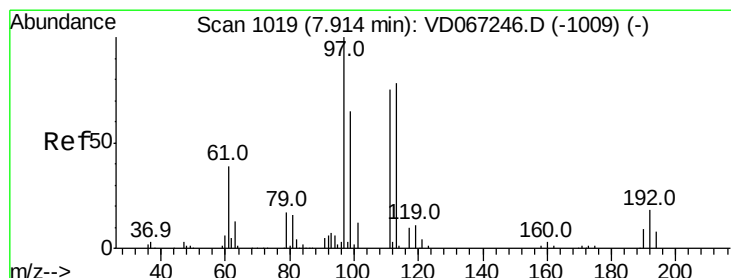
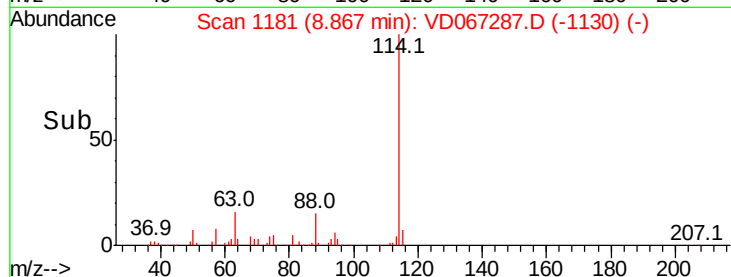
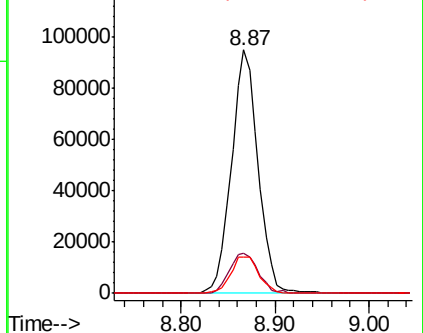
88 14.9 0.0 30.6



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: 57.201 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067287.D

Acq: 15 Oct 2020 16:55

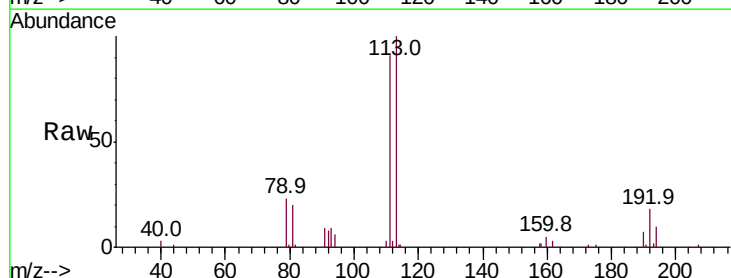
Tgt Ion:113 Resp: 71014

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

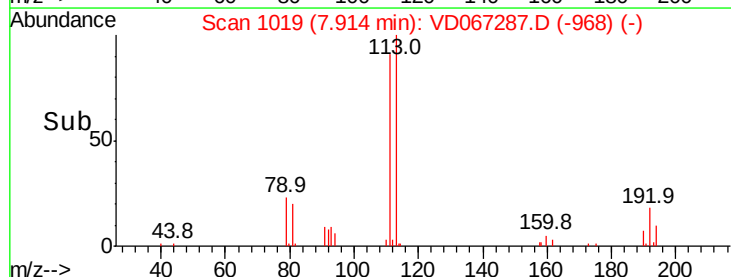
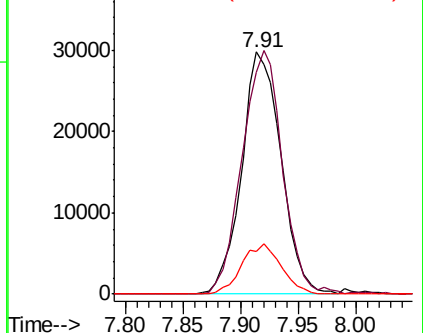
192 20.6 17.0 25.4

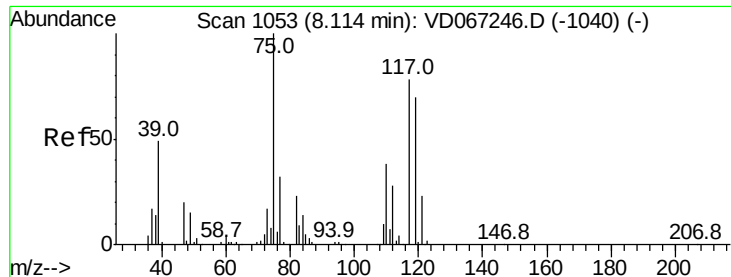


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.232 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067287.D

Acq: 15 Oct 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE

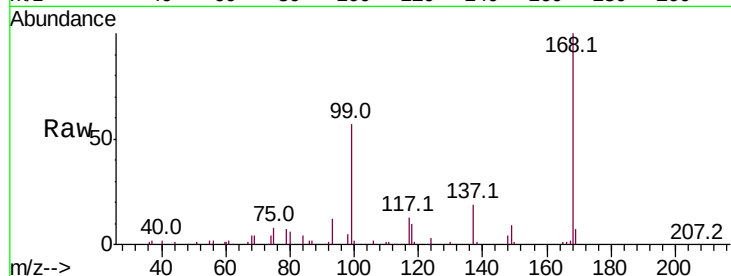
Tot Ion: 75 Resp: 8273

Ion Ratio Lower Upper

75 100

110 12.1 19.6 58.7#

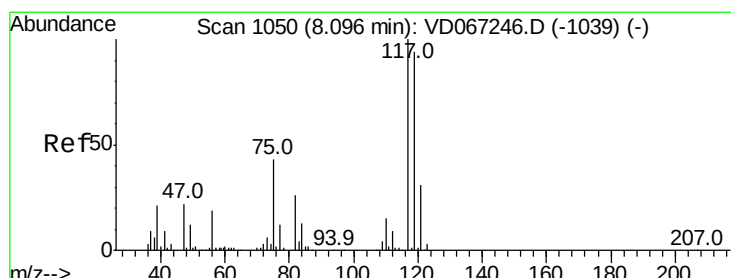
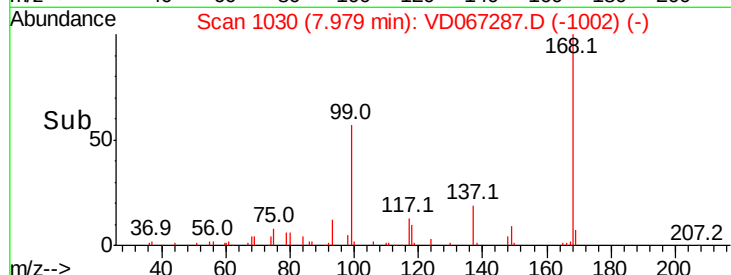
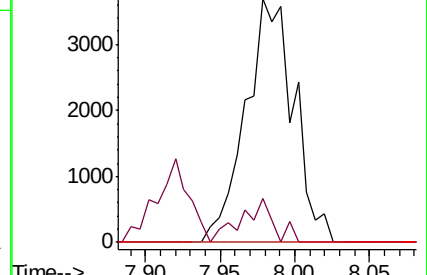
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 6.223 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067287.D

Acq: 15 Oct 2020 16:55

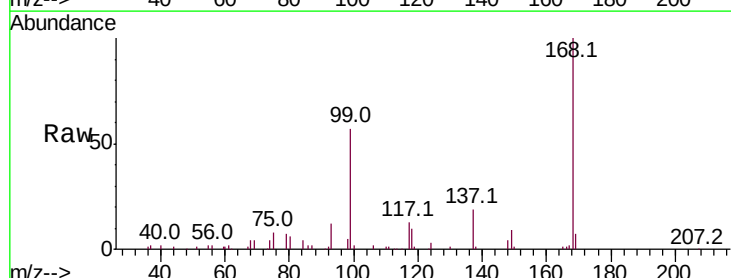
Tgt Ion: 117 Resp: 12575

Ion Ratio Lower Upper

117 100

119 5.0 75.0 112.4#

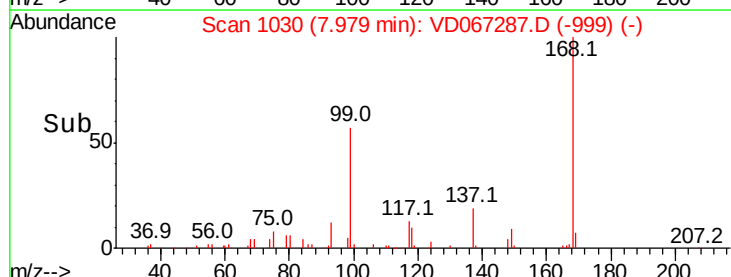
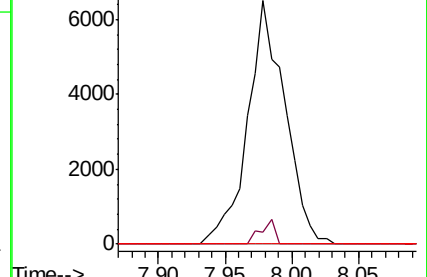
121 0.0 24.9 37.3#

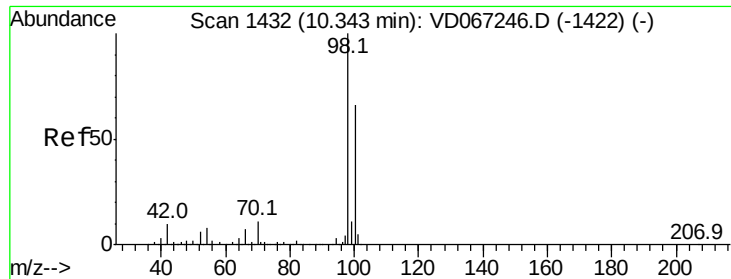


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

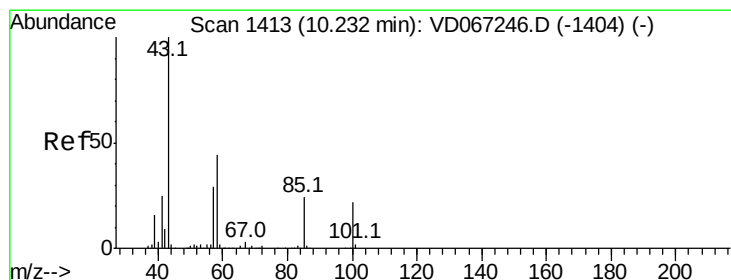
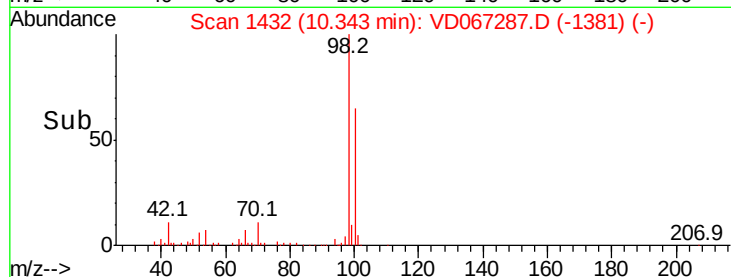
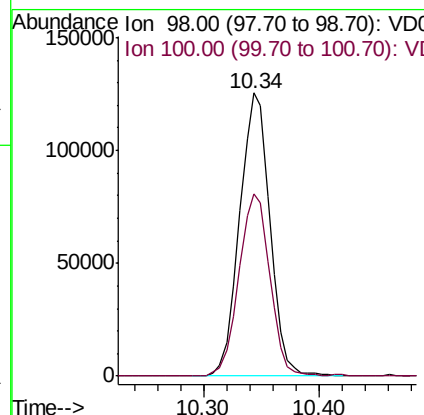
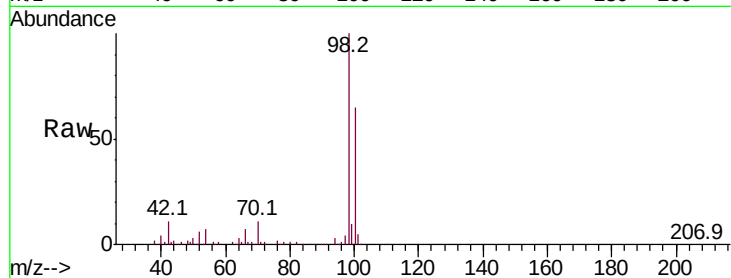




#50
Toluene-d8
Concen: 50.765 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

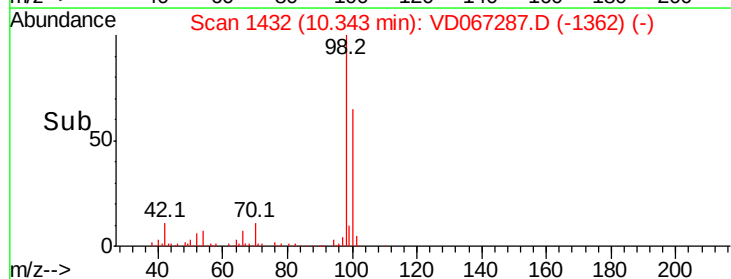
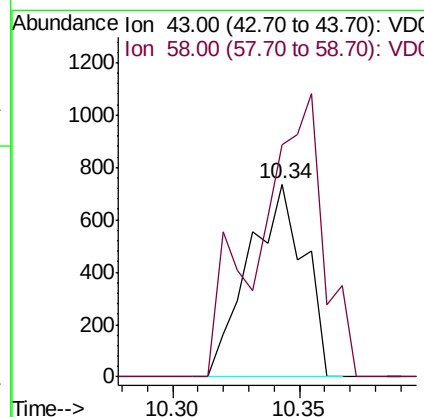
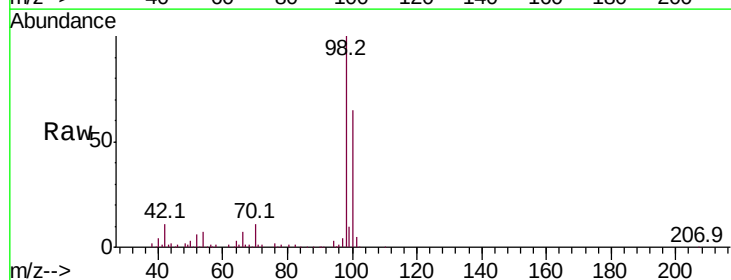
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

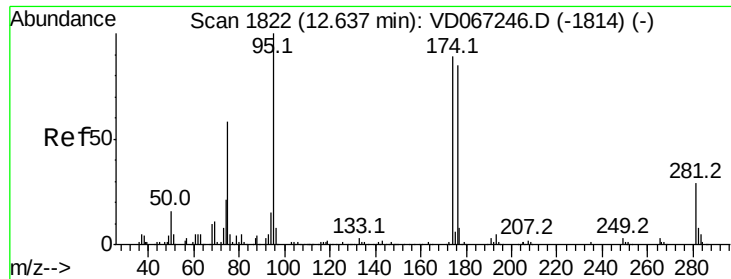
Tot Ion: 98 Resp: 228078
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 2.441 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 170.2 35.7 53.5#

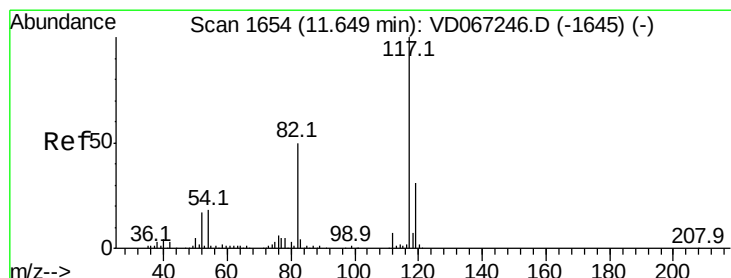
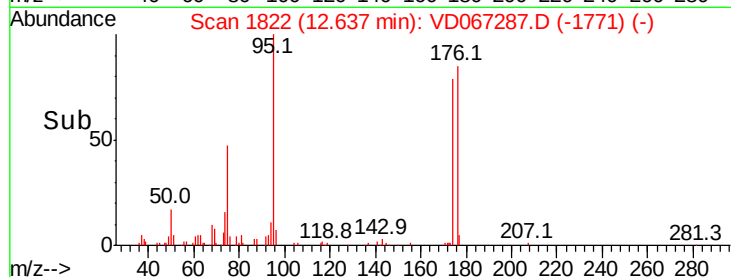
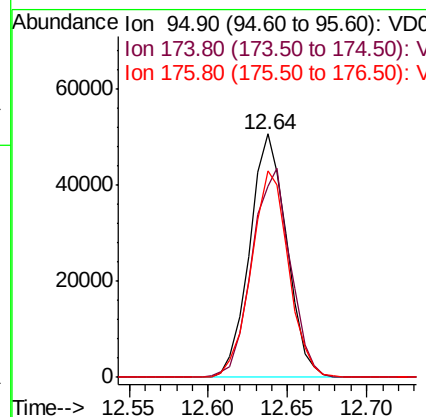
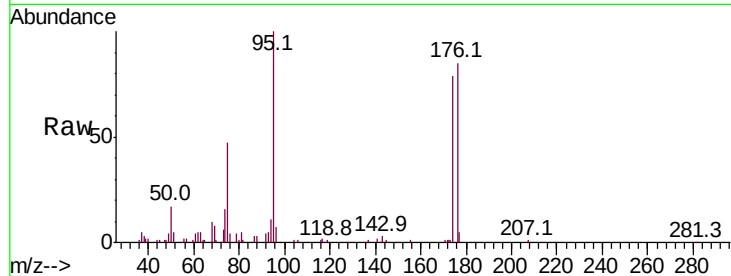




#62
4-Bromofluorobenzene
Concen: 52.357 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

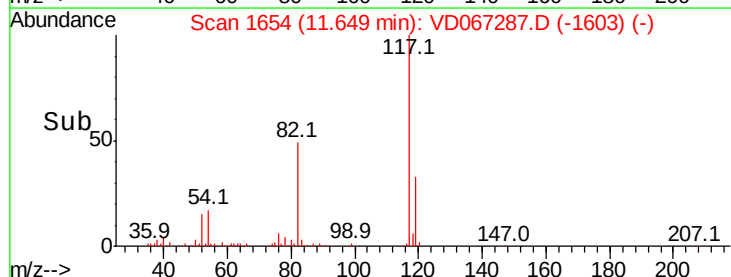
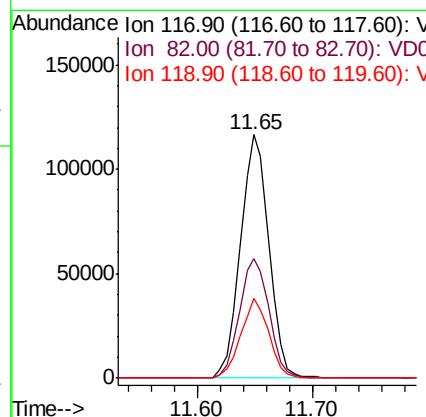
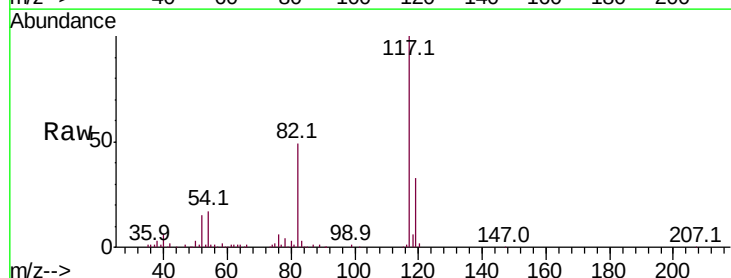
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

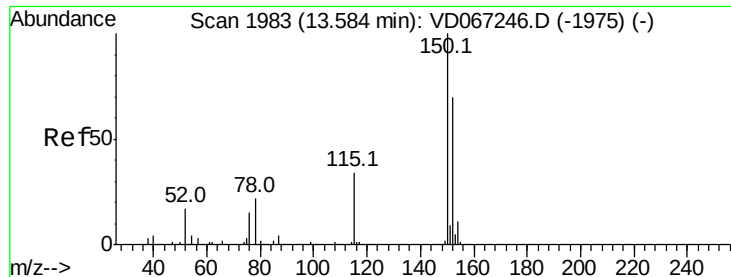
Tot Ion: 95 Resp: 81795
Ion Ratio Lower Upper
95 100
174 89.1 0.0 175.2
176 86.0 0.0 168.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

Tgt Ion: 117 Resp: 198304
Ion Ratio Lower Upper
117 100
82 49.1 39.9 59.9
119 32.8 24.9 37.3



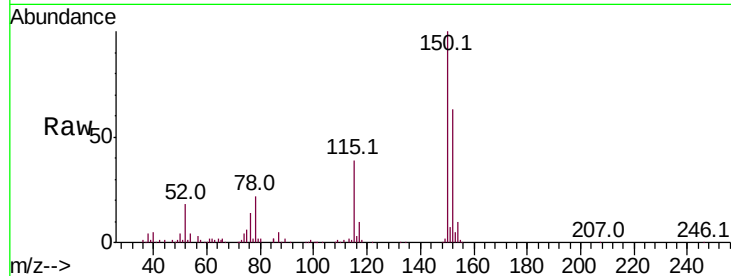


#72

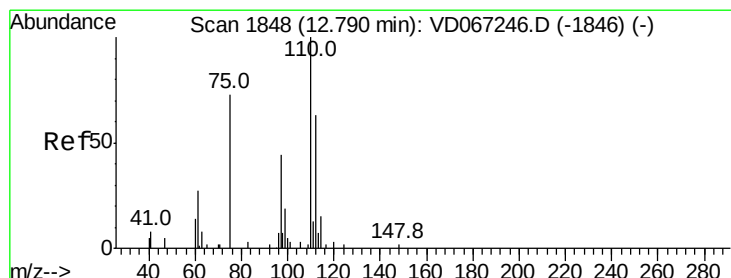
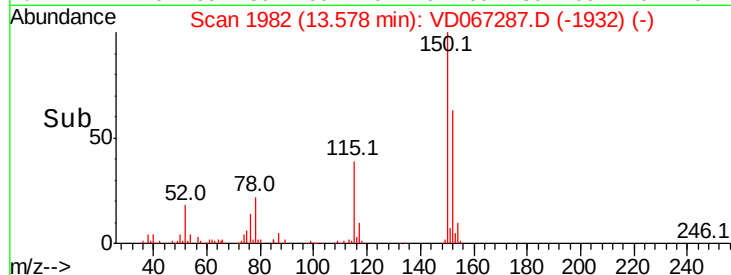
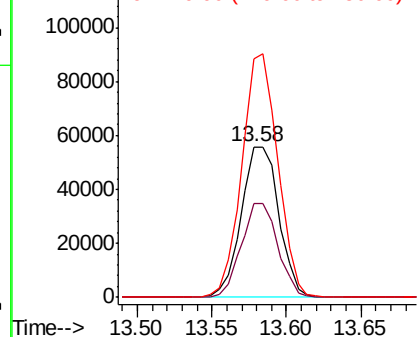
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tot Ion:152 Resp: 97438
Ion Ratio Lower Upper
152 100
115 60.4 29.3 87.9
150 154.2 0.0 339.0



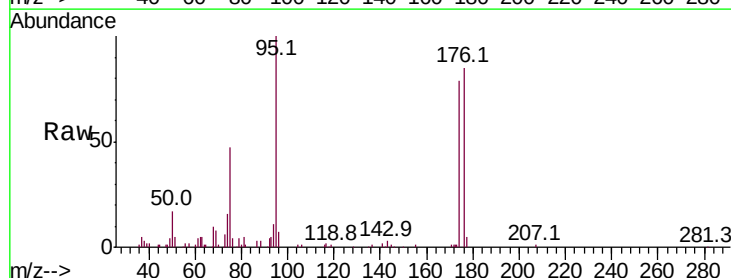
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



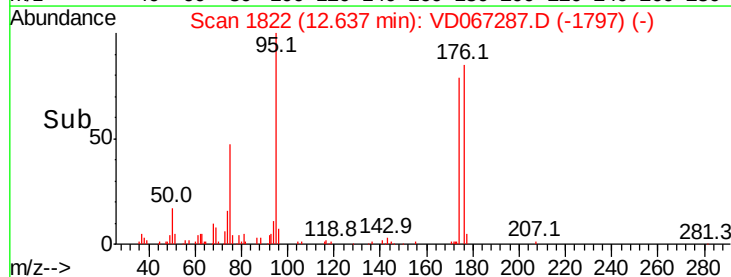
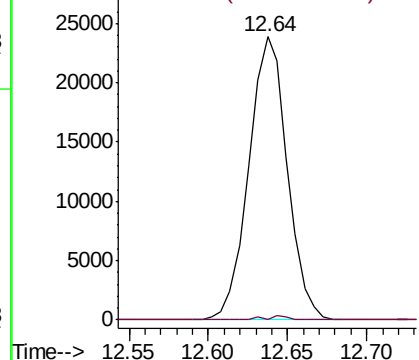
#76

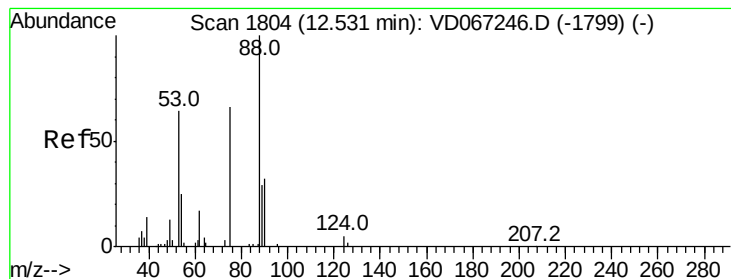
1,2,3-Trichloropropane
Concen: 59.379 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067287.D
Acq: 15 Oct 2020 16:55

Tgt Ion: 75 Resp: 40101
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 134.654 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067287.D

Acq: 15 Oct 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE

Tot Ion: 75 Resp: 40101

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 39.9 59.9#

