

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067587.D
 Acq On : 10 Nov 2020 17:23
 Operator : VA/SY
 Sample : L4701-03
 Misc : 6.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRANSFORMER-1-3-TOP

Quant Time: Nov 11 00:05:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	249355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	431029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	423803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209691	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	129361	59.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.66%	
35) Dibromofluoromethane	7.92	113	132385	50.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.96%	
50) Toluene-d8	10.34	98	487868	53.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.64	95	183269	58.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.34%	

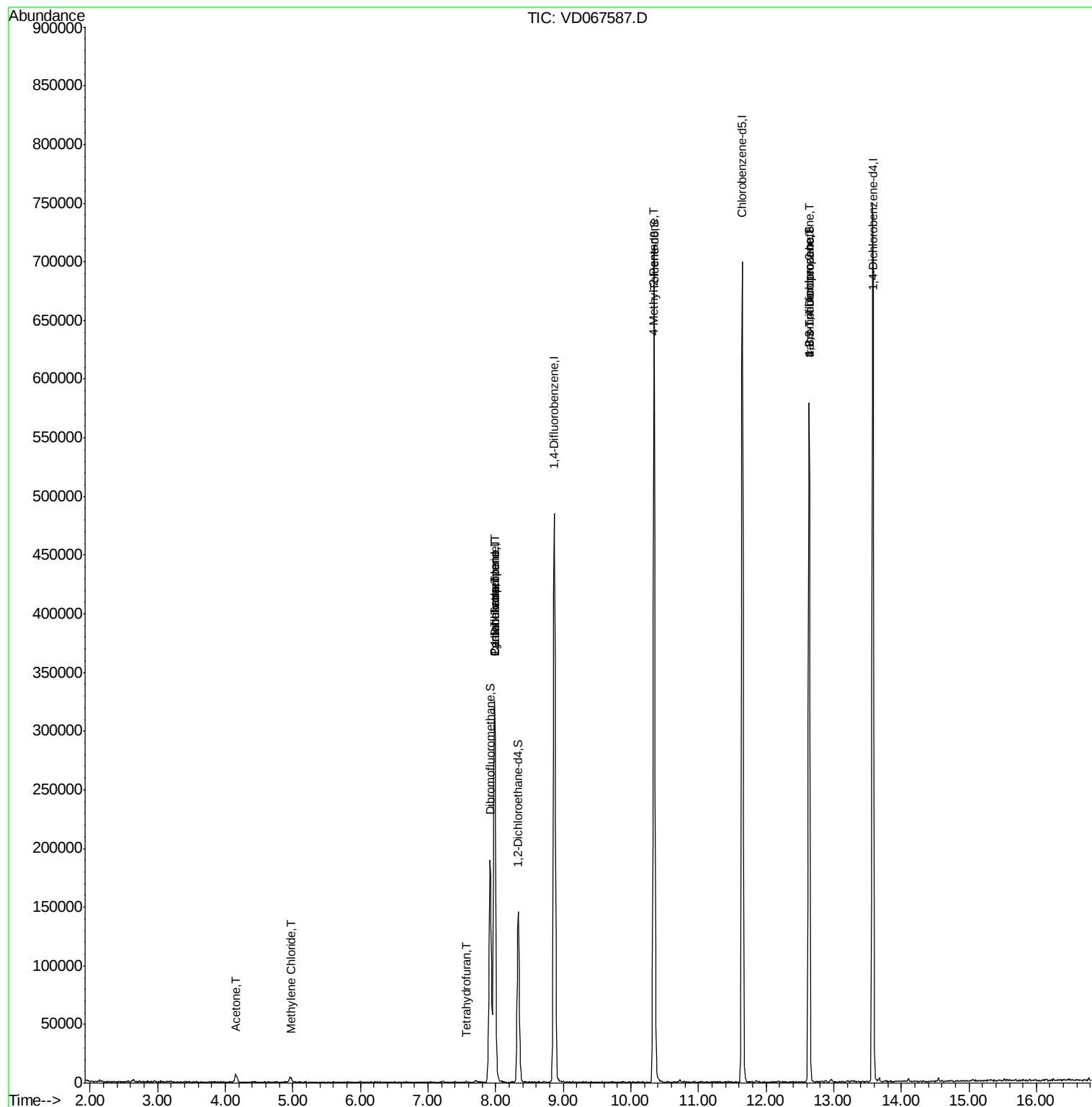
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	11134	34.125	ug/l #	76
20) Methylene Chloride	4.98	84	3711	1.610	ug/l #	73
29) Tetrahydrofuran	7.57	42	486	2.327	ug/l #	32
31) Cyclohexane	7.98	56	4819	1.524	ug/l #	31
36) 1,1-Dichloropropene	7.98	75	16117	4.368	ug/l #	49
38) Carbon Tetrachloride	7.98	117	26310	5.488	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1208	1.333	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	96977	76.663	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	96977	155.647	ug/l #	10

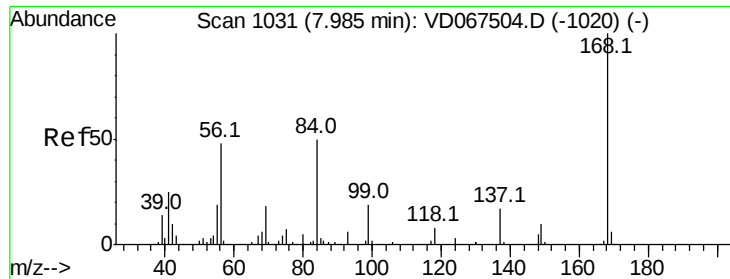
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111020\
Data File : VD067587.D
Acq On : 10 Nov 2020 17:23
Operator : VA/SY
Sample : L4701-03
Misc : 6.64G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TRANSFORMER-1-3-TOP

Quant Time: Nov 11 00:05:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067587.D

Acq: 10 Nov 2020 17:23

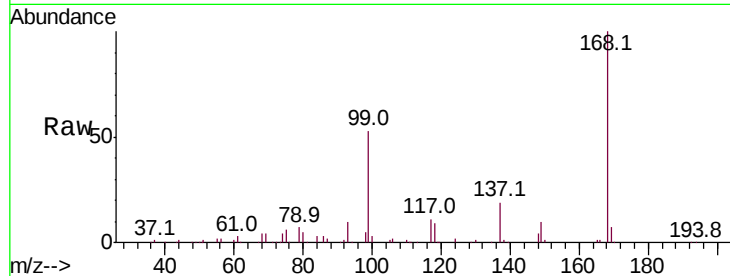
Instrument :
MSVOA_D
ClientSampleId :
TRANSFORMER-1-3-TOP

Tot Ion:168 Resp: 249355

Ion Ratio Lower Upper

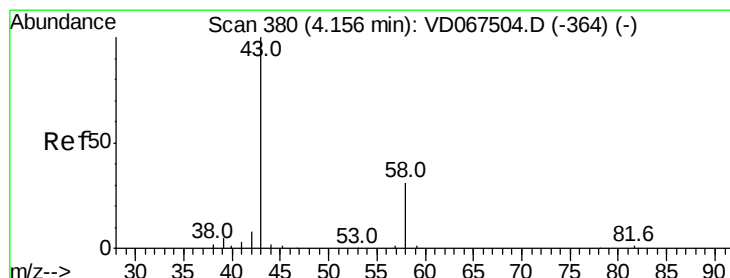
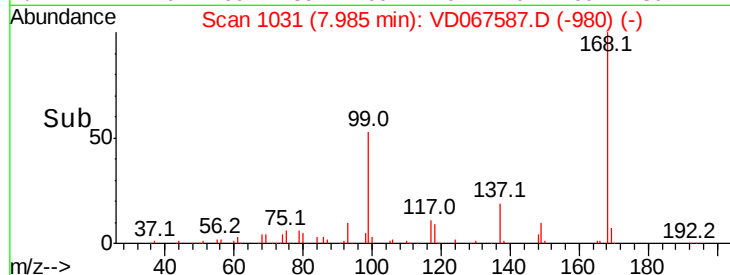
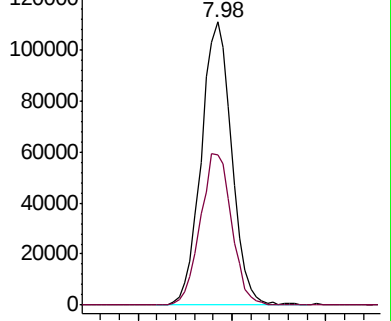
168 100

99 53.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 34.125 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067587.D

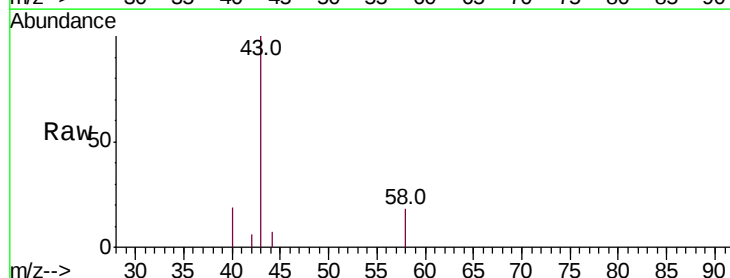
Acq: 10 Nov 2020 17:23

Tgt Ion: 43 Resp: 11134

Ion Ratio Lower Upper

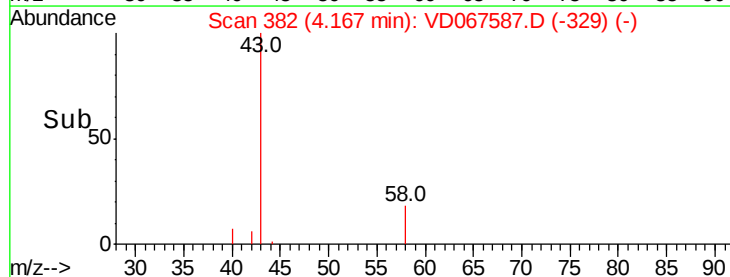
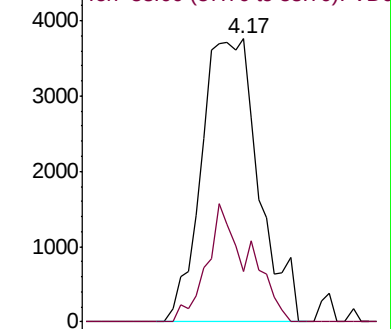
43 100

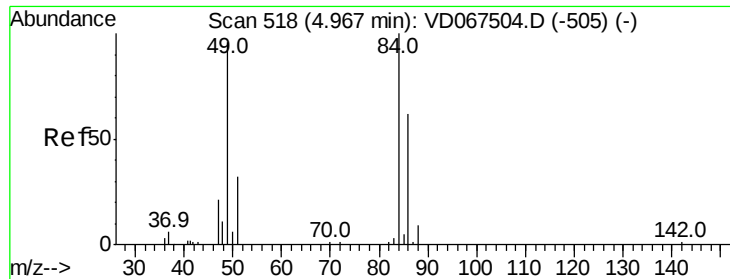
58 18.0 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

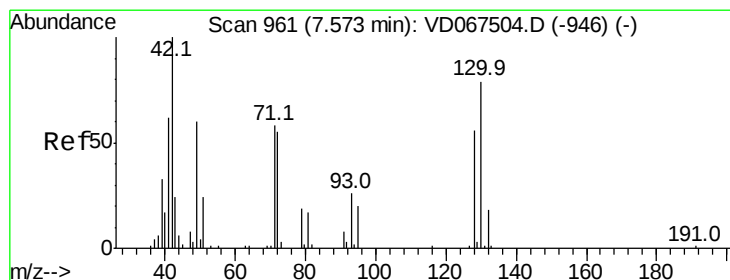
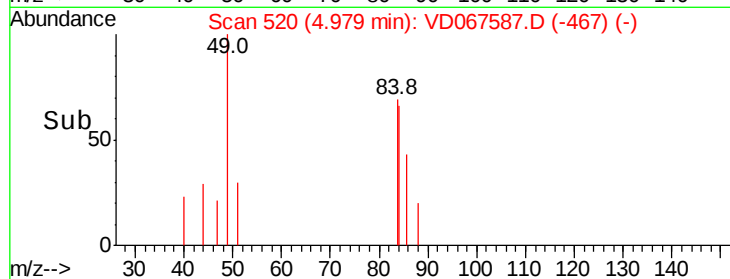
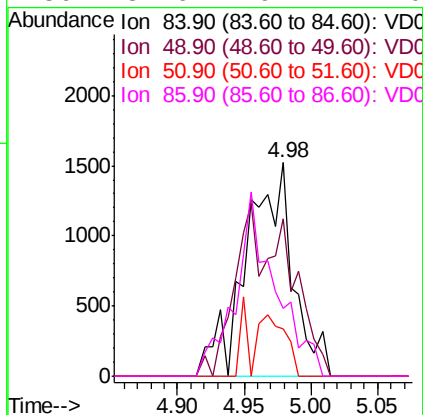
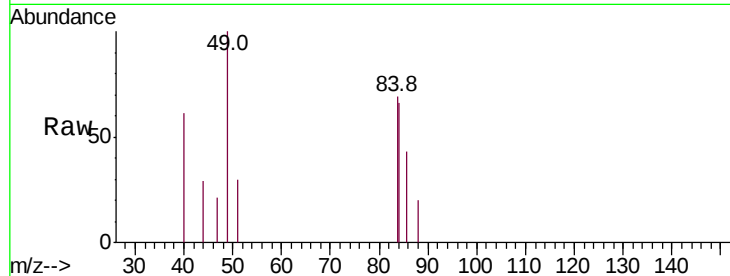




#20
Methvlene Chloride
Concen: 1.610 ug/l
RT: 4.98 min Scan# 520
Delta R.T. 0.01 min
Lab File: VD067587.D
Acq: 10 Nov 2020 17:23

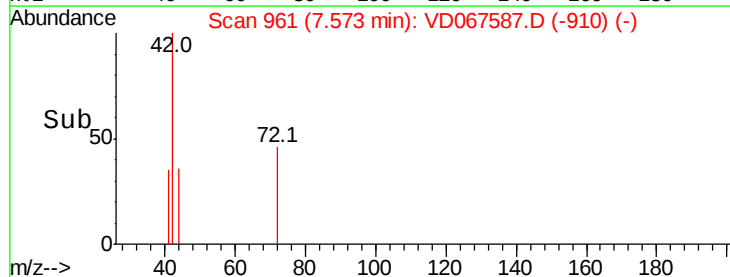
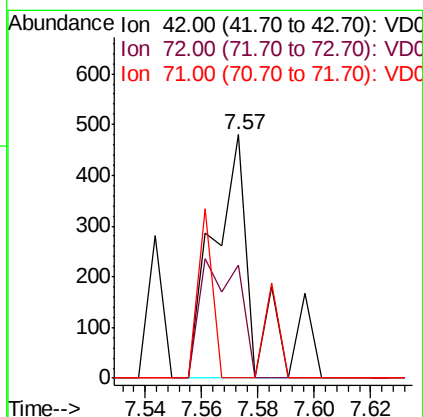
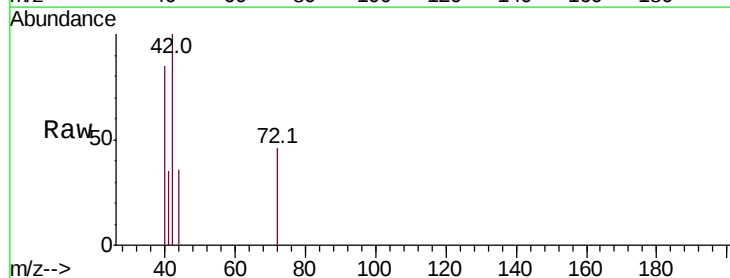
Instrument :
MSVOA_D
ClientSampleId :
TRANSFORMER-1-3-TOP

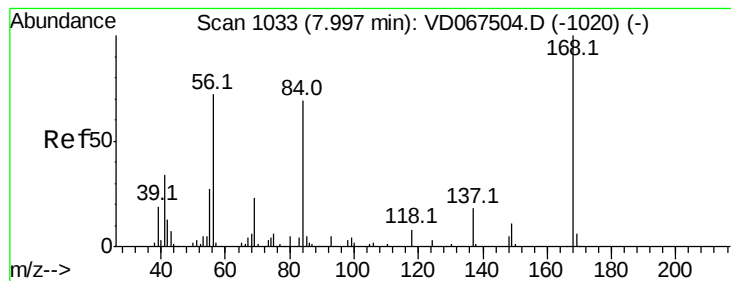
Tot Ion: 84 Resp: 3711
Ion Ratio Lower Upper
84 100
49 73.7 77.0 115.4#
51 22.1 25.4 38.2#
86 31.6 49.4 74.0#



#29
Tetrahydrofuran
Concen: 2.327 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD067587.D
Acq: 10 Nov 2020 17:23

Tgt Ion: 42 Resp: 486
Ion Ratio Lower Upper
42 100
72 0.0 46.3 69.5#
71 13.8 44.0 66.0#





#31

Cyclohexane

Concen: 1.524 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.02 min

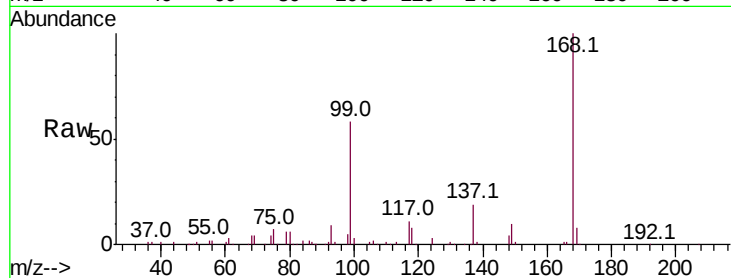
Lab File: VD067587.D

Acq: 10 Nov 2020 17:23

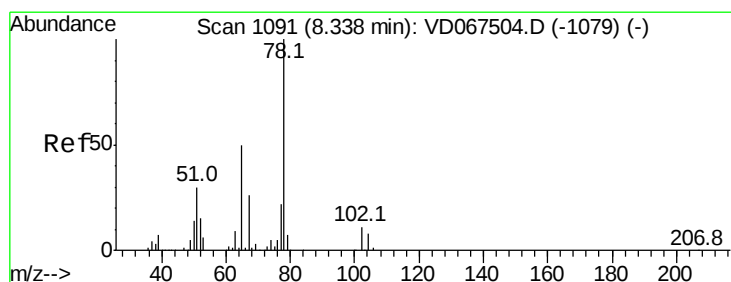
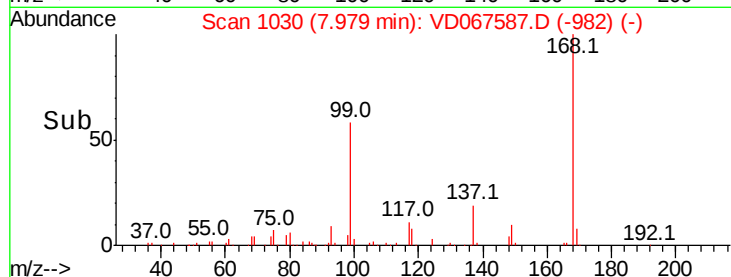
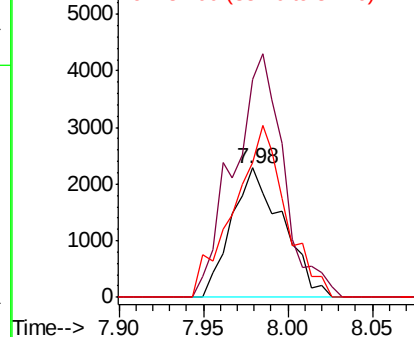
Instrument :
MSVOA_D
ClientSampleId :
TRANSFORMER-1-3-TOP

Tot Ion: 56 Resp: 4819

Ion	Ratio	Lower	Upper
56	100		
69	169.2	25.9	38.9#
84	104.7	76.2	114.4



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: 59.331 ug/l

RT: 8.33 min Scan# 1090

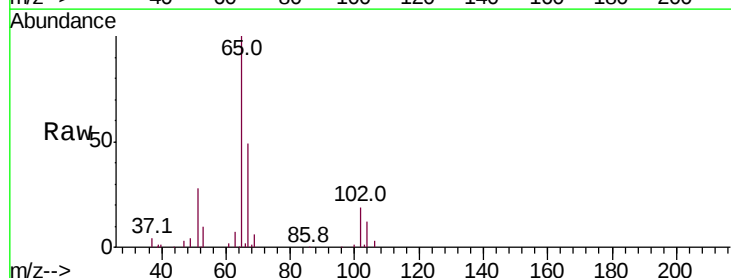
Delta R.T. -0.01 min

Lab File: VD067587.D

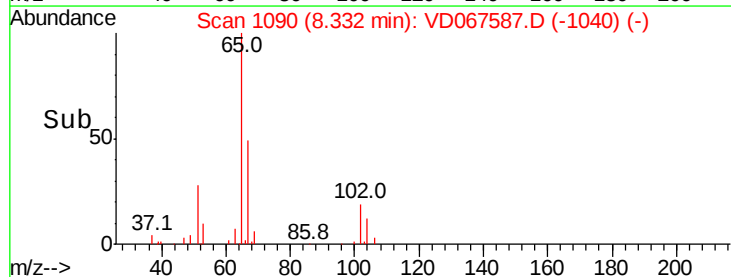
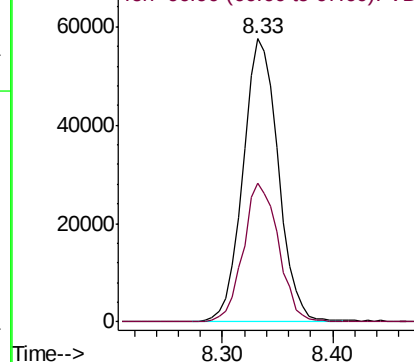
Acq: 10 Nov 2020 17:23

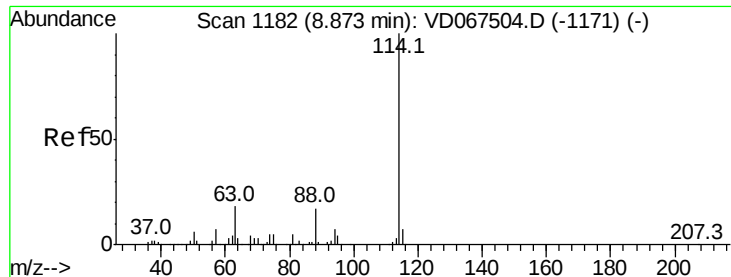
Tgt Ion: 65 Resp: 129361

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	99.4



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

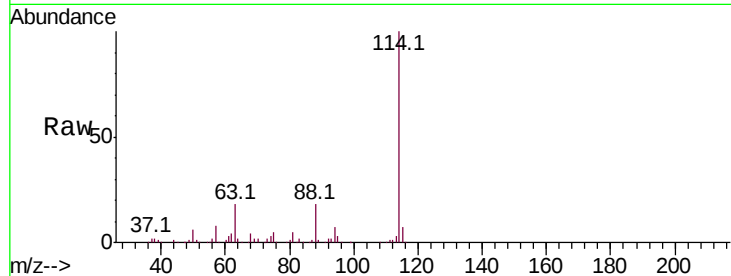




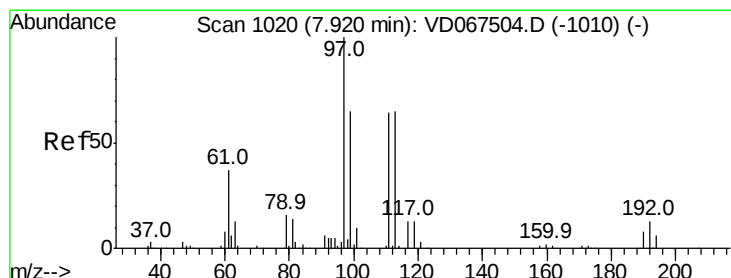
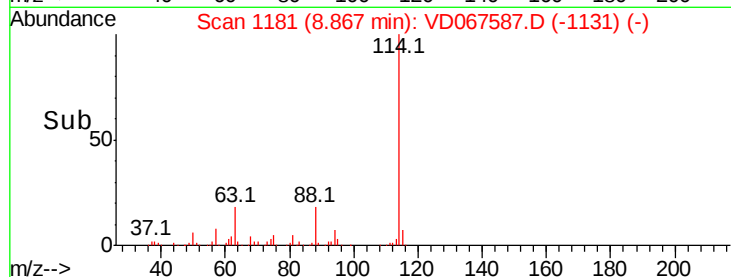
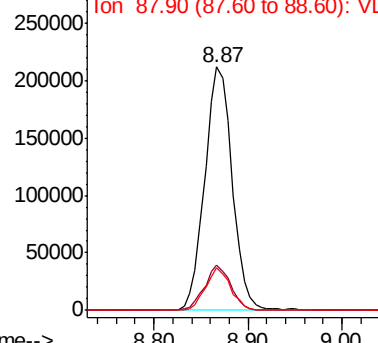
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067587.D
 Acq: 10 Nov 2020 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TRANSFORMER-1-3-TOP

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.0
88	17.6	0.0	33.0

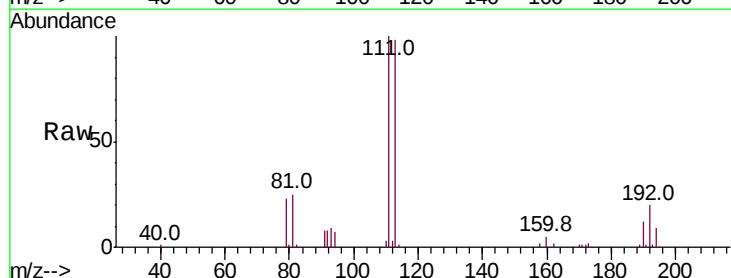


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

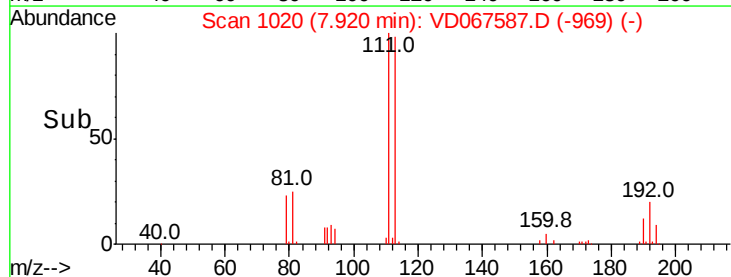
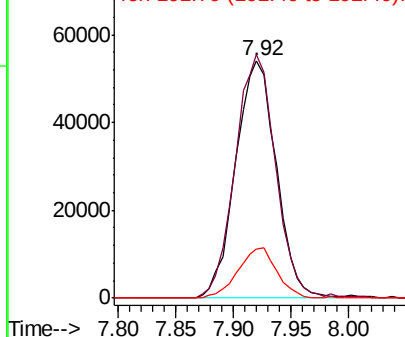


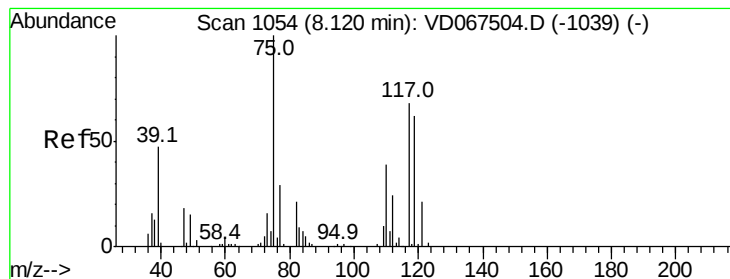
#35
 Dibromofluoromethane
 Concen: 50.977 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067587.D
 Acq: 10 Nov 2020 17:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.0	120.0
192	20.3	16.3	24.5



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: 4.368 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067587.D

Acq: 10 Nov 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

TRANSFORMER-1-3-TOP

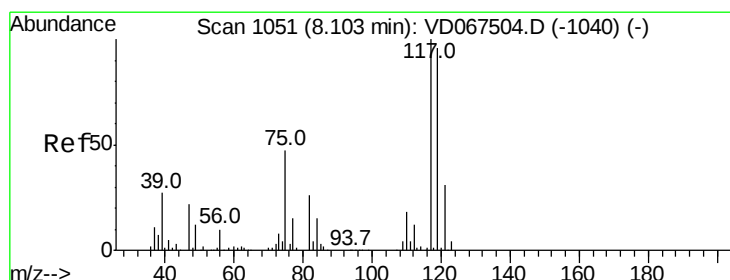
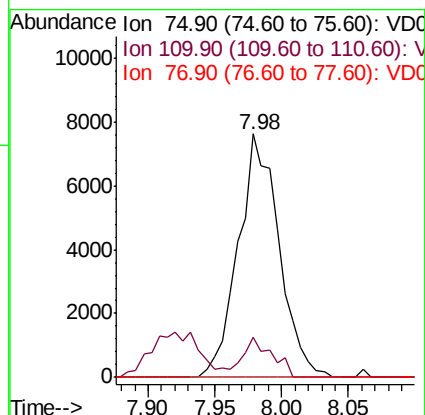
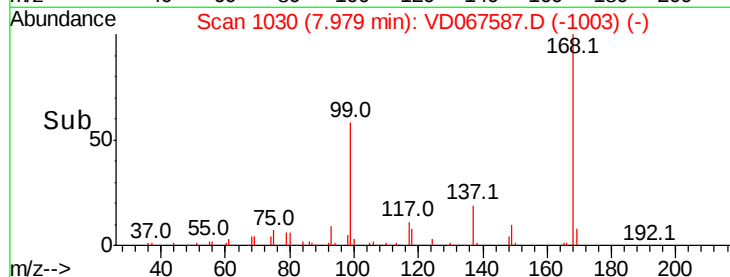
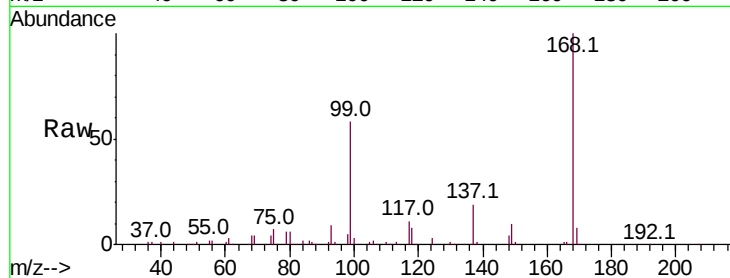
Tot Ion: 75 Resp: 16117

Ion Ratio Lower Upper

75 100

110 11.4 19.9 59.7#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.488 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067587.D

Acq: 10 Nov 2020 17:23

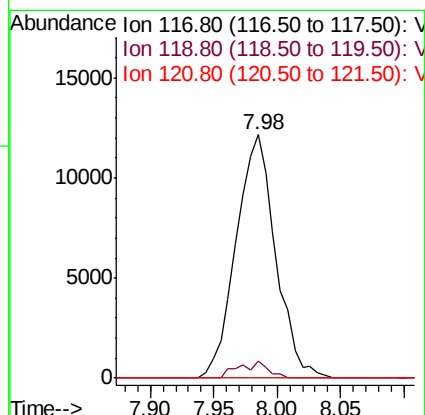
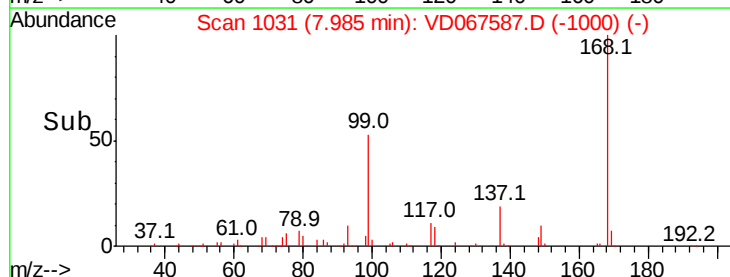
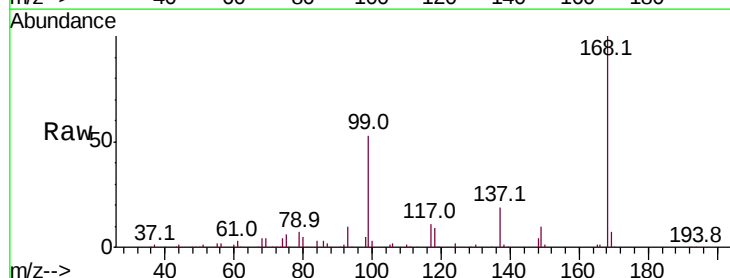
Tgt Ion: 117 Resp: 26310

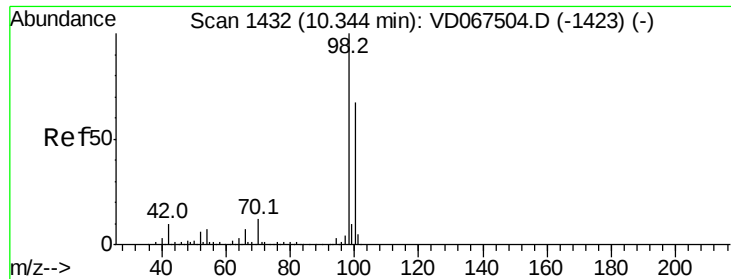
Ion Ratio Lower Upper

117 100

119 7.0 76.9 115.3#

121 0.0 24.5 36.7#

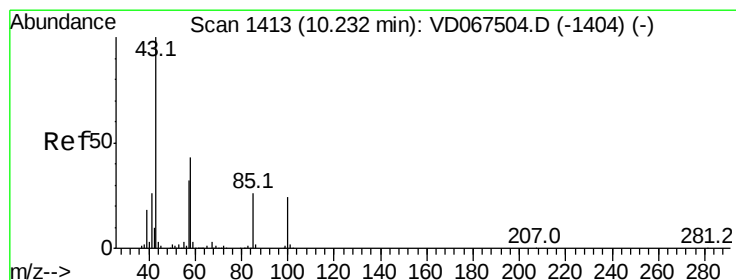
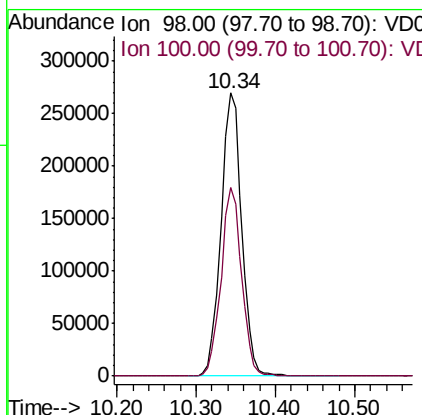
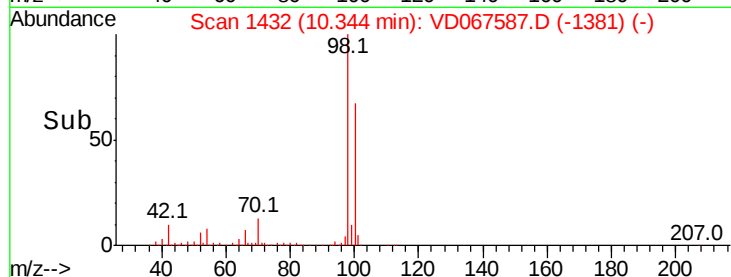
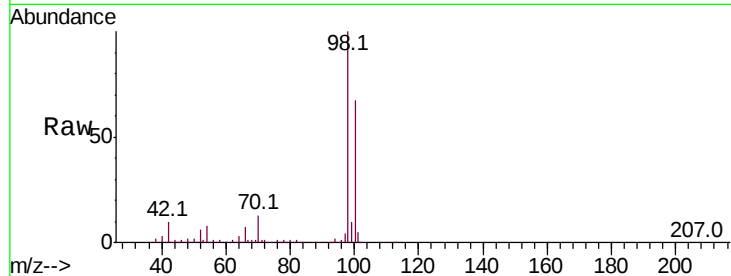




#50
Toluene-d8
Concen: 53.458 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067587.D
Acq: 10 Nov 2020 17:23

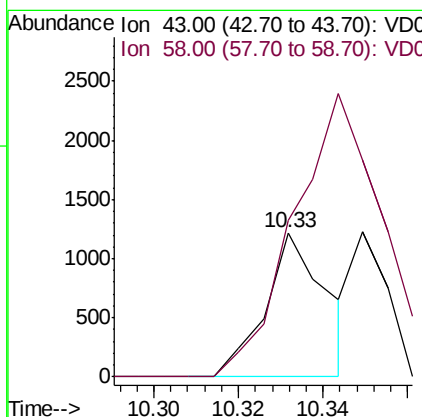
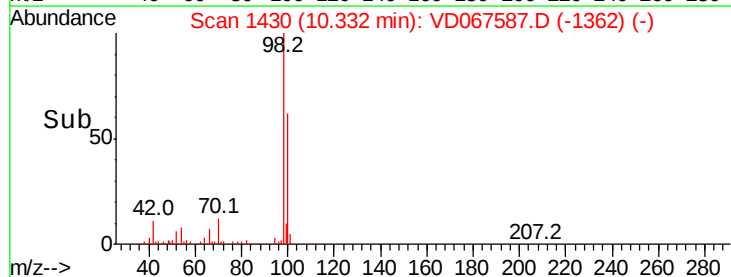
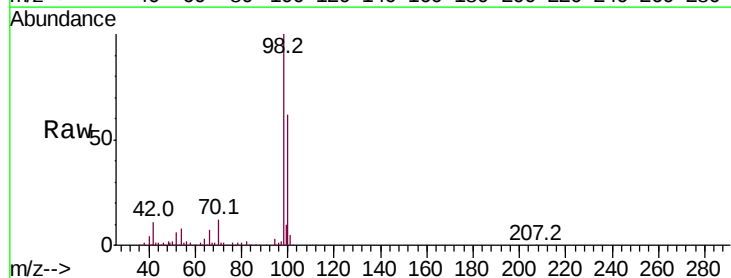
Instrument :
MSVOA_D
ClientSampleId :
TRANSFORMER-1-3-TOP

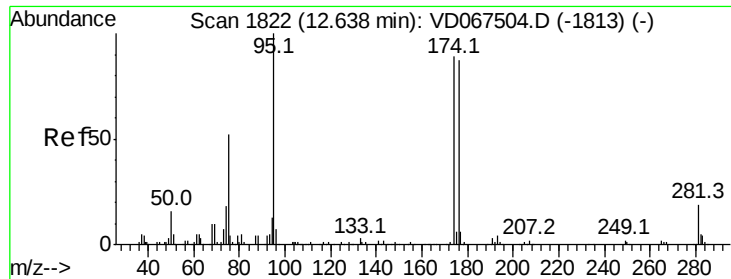
Tot Ion: 98 Resp: 487868
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 1.333 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.10 min
Lab File: VD067587.D
Acq: 10 Nov 2020 17:23

Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 292.8 35.6 53.4#





#62

4-Bromofluorobenzene

Concen: 58.166 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067587.D

Acq: 10 Nov 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

TRANSFORMER-1-3-TOP

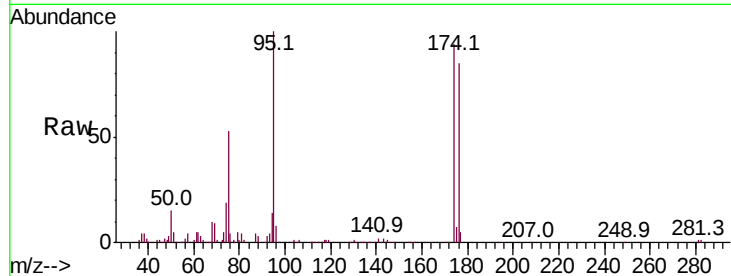
Tot Ion: 95 Resp: 183269

Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.8

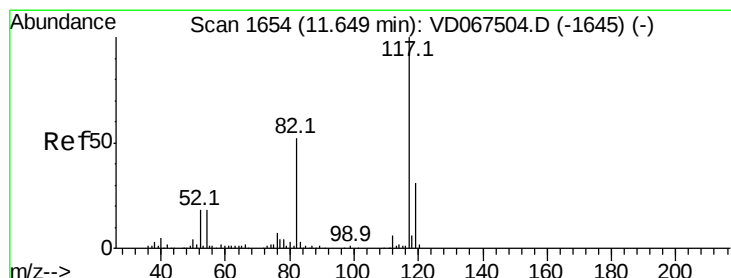
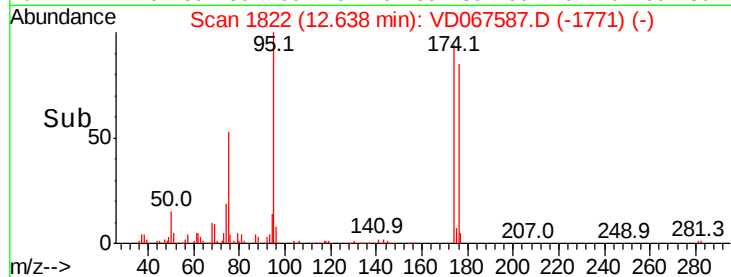
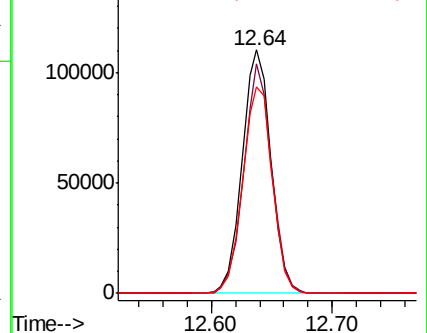
176 87.2 0.0 172.0



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: VD067587.D

Acq: 10 Nov 2020 17:23

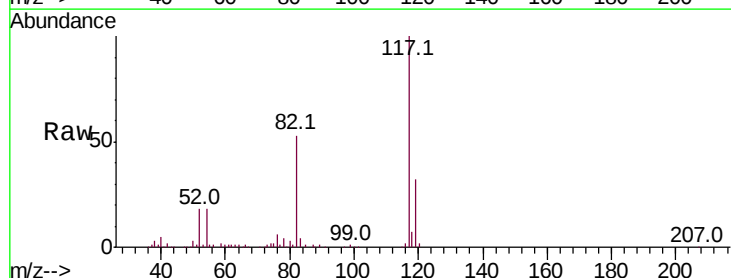
Tgt Ion: 117 Resp: 423803

Ion Ratio Lower Upper

117 100

82 52.7 41.6 62.4

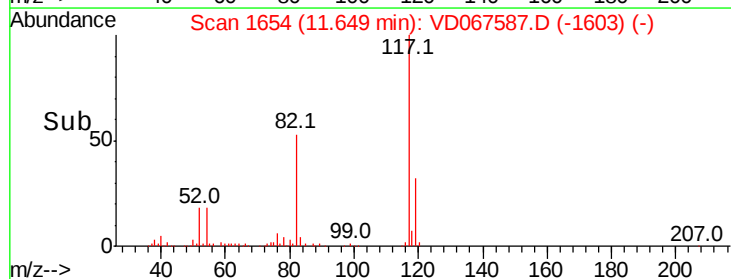
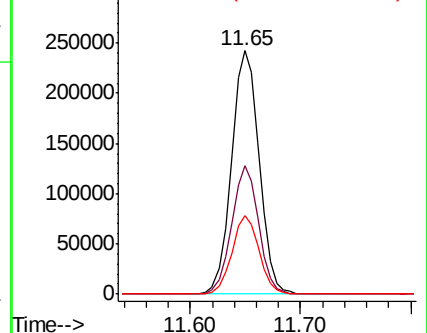
119 32.4 25.1 37.7

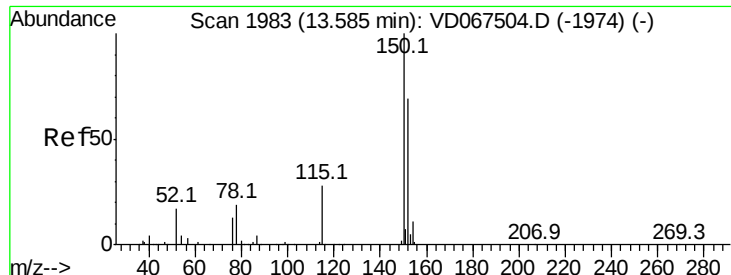


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. -0.01 min

Lab File: VD067587.D

Acq: 10 Nov 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

TRANSFORMER-1-3-TOP

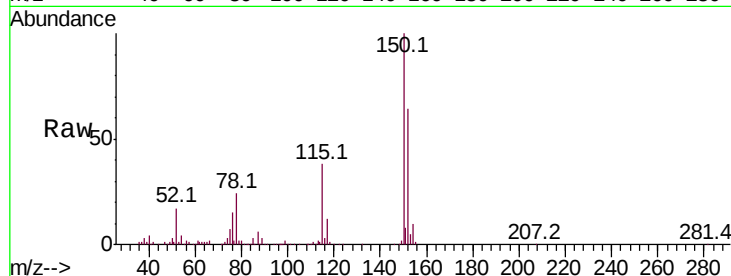
Tot Ion:152 Resp: 209691

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

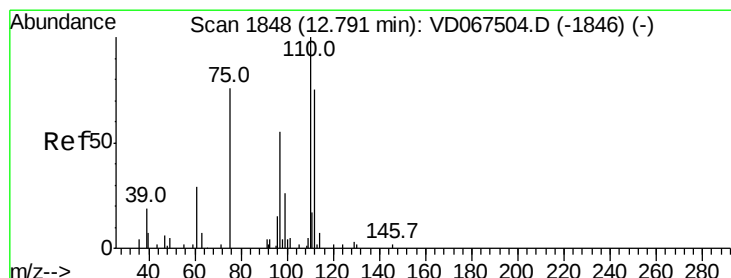
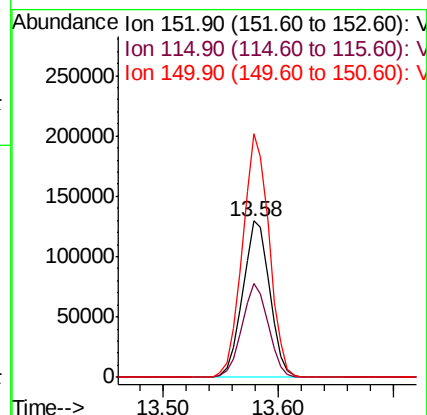
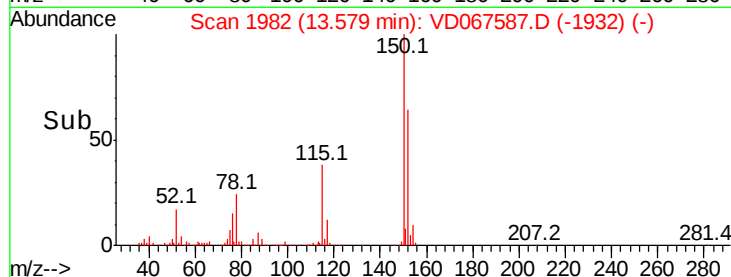
150 153.1 0.0 338.2



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: 76.663 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067587.D

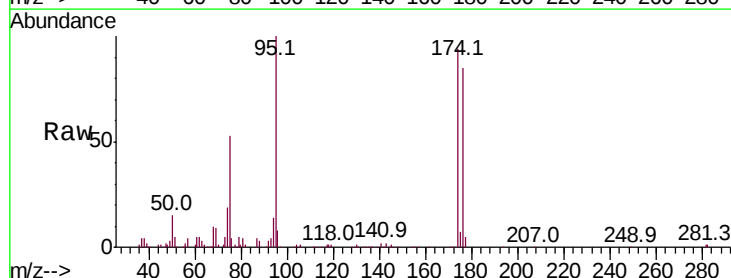
Acq: 10 Nov 2020 17:23

Tgt Ion: 75 Resp: 96977

Ion Ratio Lower Upper

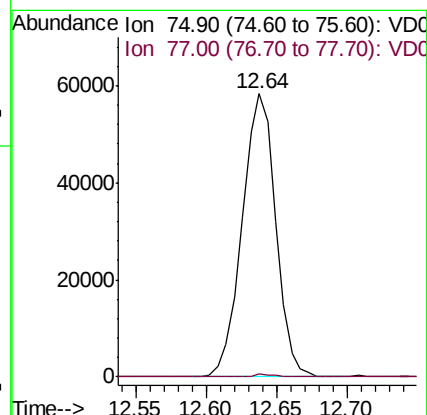
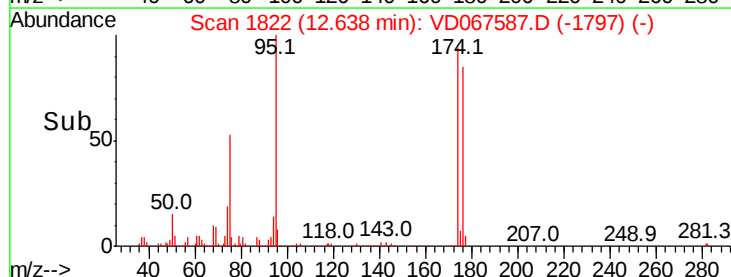
75 100

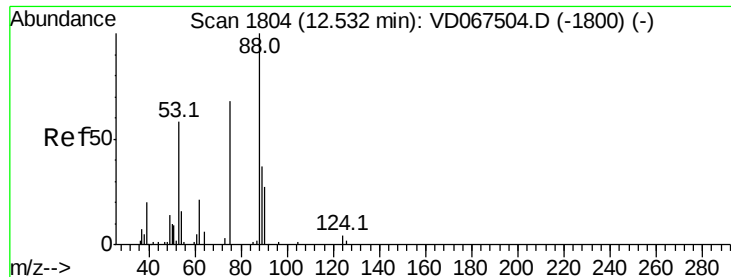
77 0.6 0.0 0.0#



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: 155.647 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067587.D

Acq: 10 Nov 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

TRANSFORMER-1-3-TOP

Tot Ion: 75 Resp: 96977

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

