

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066497.D
 Acq On : 01 Sep 2020 15:44
 Operator : VA/SY
 Sample : L3851-01
 Misc : 7.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11995

Quant Time: Sep 02 01:06:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	181069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	255911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	228870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113701	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	100260	56.48	ug/l	0.00
Spiked Amount						
			Recovery	=	112.96%	
35) Dibromofluoromethane	7.91	113	76658	47.90	ug/l	0.00
Spiked Amount						
			Recovery	=	95.80%	
50) Toluene-d8	10.34	98	295251	50.43	ug/l	0.00
Spiked Amount						
			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.63	95	99340	47.81	ug/l	0.00
Spiked Amount						
			Recovery	=	95.62%	

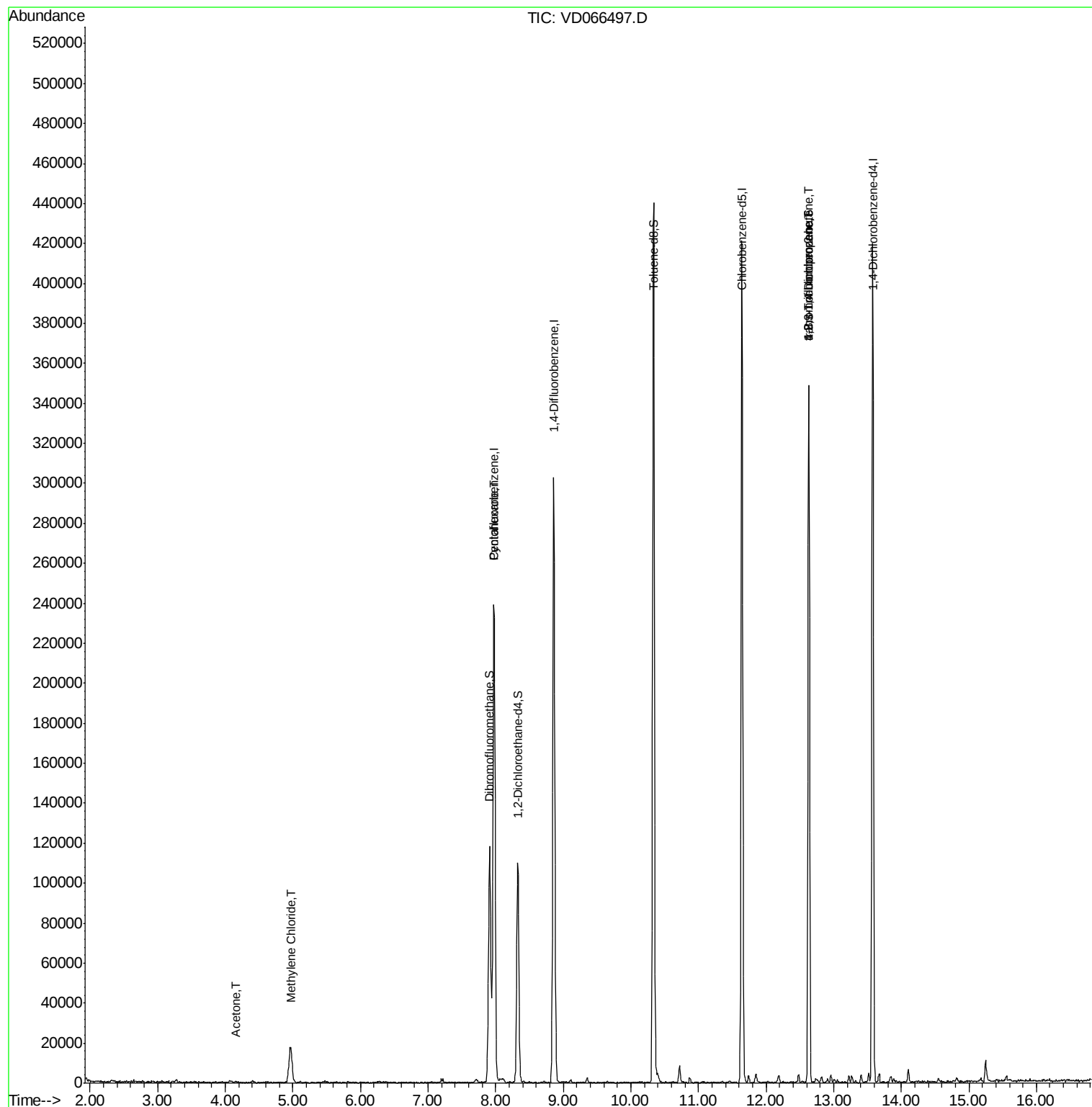
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	556	1.737	ug/l #	46
20) Methylene Chloride	4.97	84	15085	2.849	ug/l #	81
31) Cyclohexane	7.98	56	4382	1.778	ug/l #	44
76) 1,2,3-Trichloropropane	12.63	75	58832	73.550	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	58832	156.123	ug/l #	6

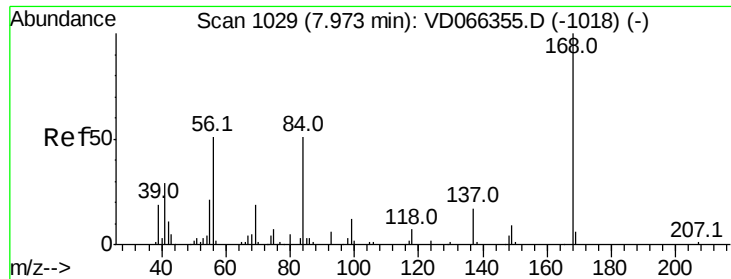
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090120\
Data File : VD066497.D
Acq On : 01 Sep 2020 15:44
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Sample : L3851-01
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Quant Time: Sep 02 01:06:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066497.D

Acq: 01 Sep 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

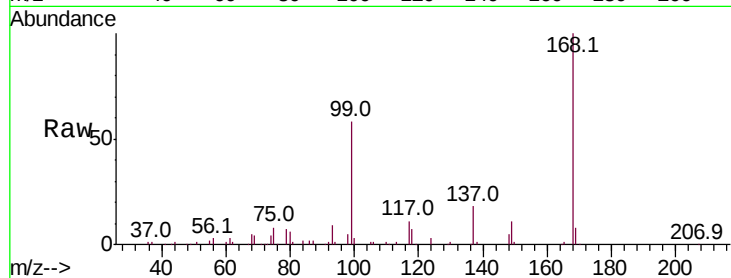
11995

Tot Ion:168 Resp: 181069

Ion Ratio Lower Upper

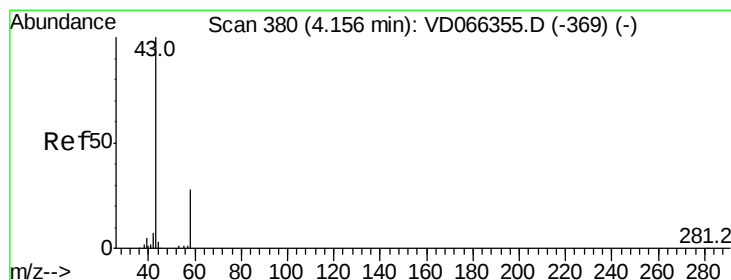
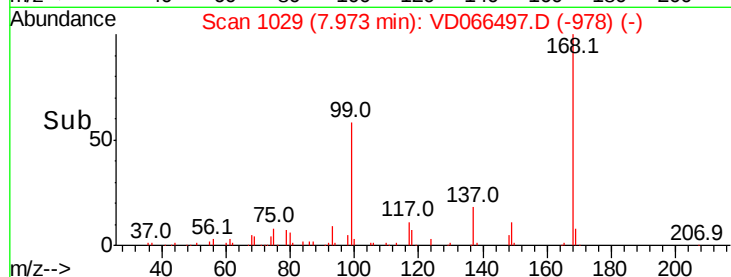
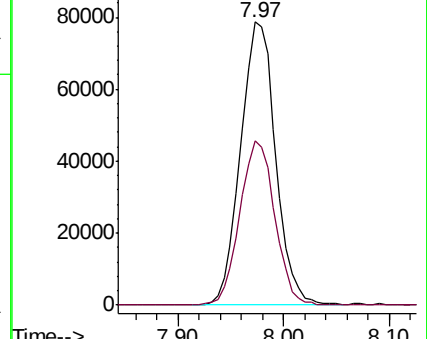
168 100

99 57.6 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1.737 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066497.D

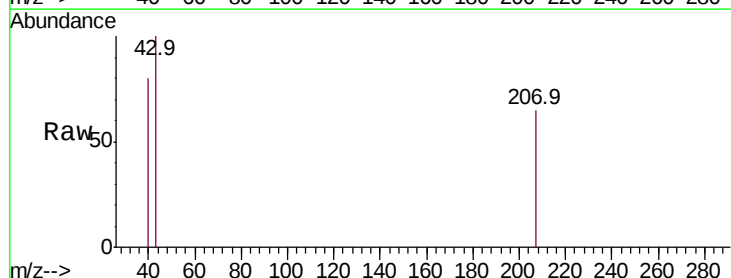
Acq: 01 Sep 2020 15:44

Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

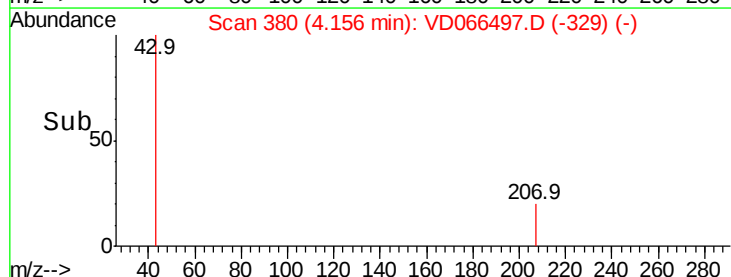
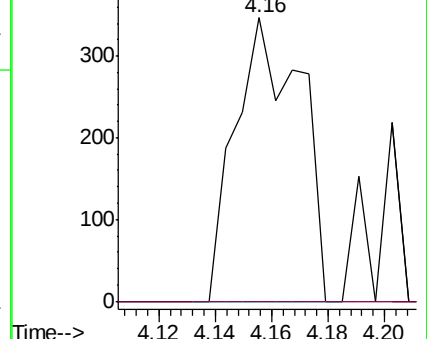
43 100

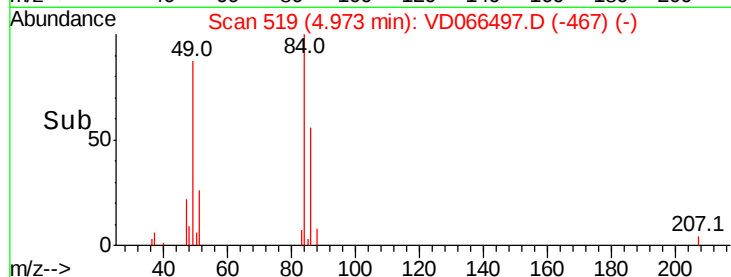
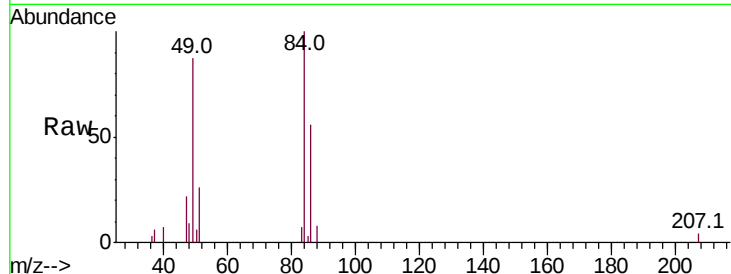
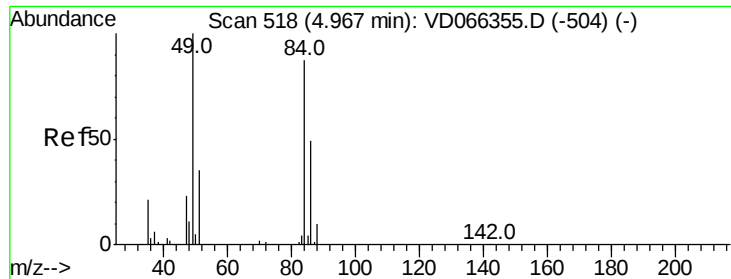
58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

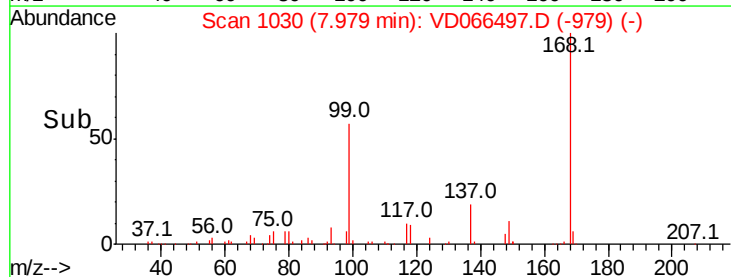
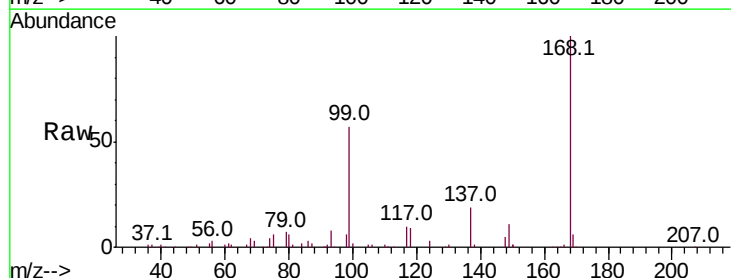
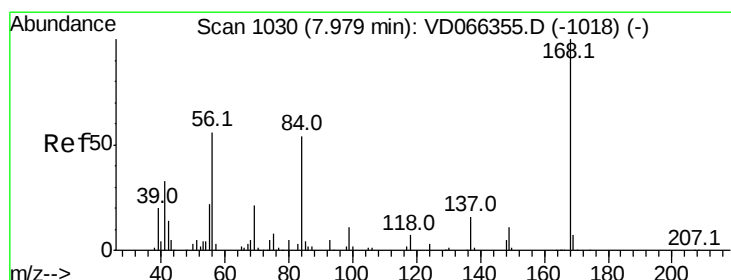
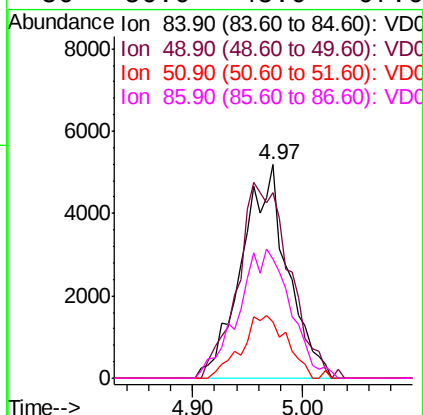




#20
Methvlene Chloride
Concen: 2.849 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066497.D
Acq: 01 Sep 2020 15:44

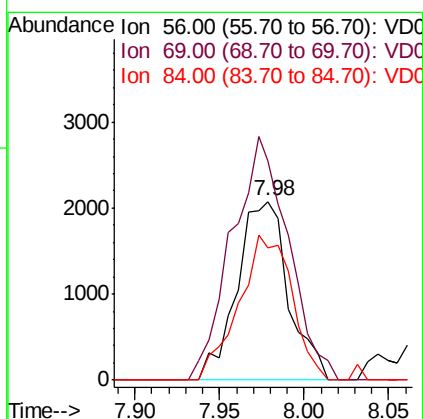
Instrument :
MSVOA_D
ClientSampleId :
11995

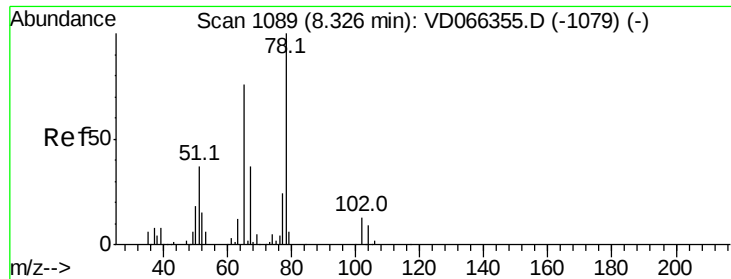
Tot Ion:	84	Resp:	15085
Ion	Ratio	Lower	Upper
84	100		
49	86.8	92.5	138.7#
51	26.5	32.5	48.7#
86	56.0	45.0	67.6



#31
Cyclohexane
Concen: 1.778 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066497.D
Acq: 01 Sep 2020 15:44

Tgt Ion:	56	Resp:	4382
Ion	Ratio	Lower	Upper
56	100		
69	122.4	29.6	44.4#
84	74.1	76.6	115.0#





#33

1,2-Dichloroethane-d4

Concen: 56.478 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066497.D

Acq: 01 Sep 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

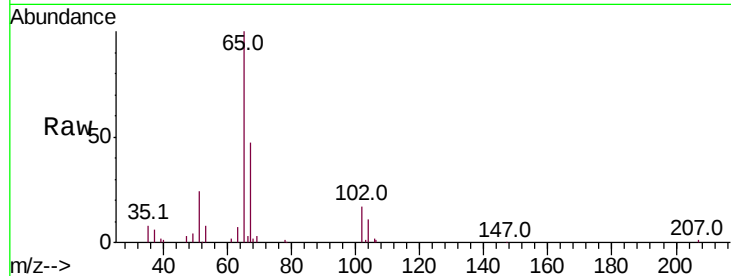
11995

Tot Ion: 65 Resp: 100260

Ion Ratio Lower Upper

65 100

67 44.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

50000

40000

30000

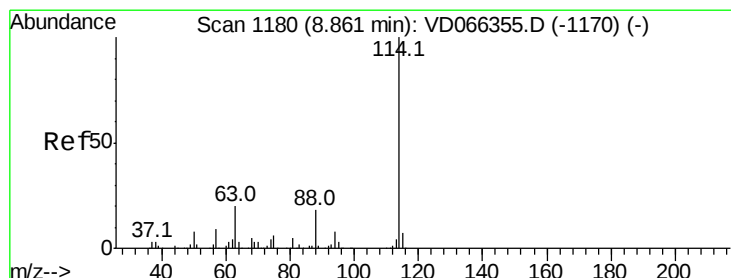
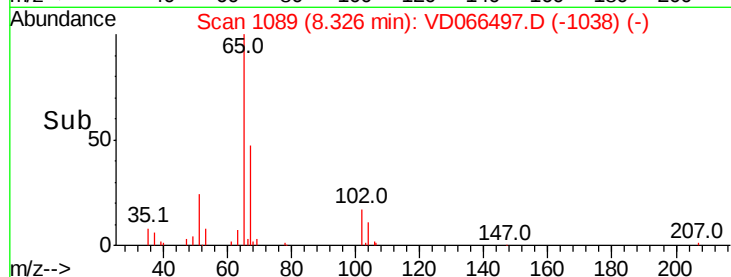
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066497.D

Acq: 01 Sep 2020 15:44

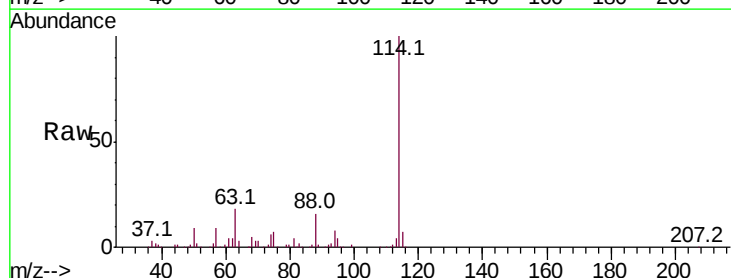
Tgt Ion: 114 Resp: 255911

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

88 15.6 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

150000

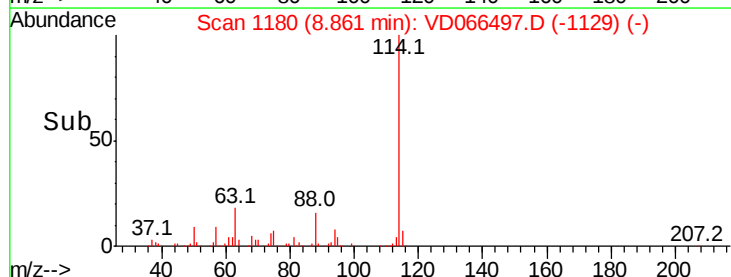
100000

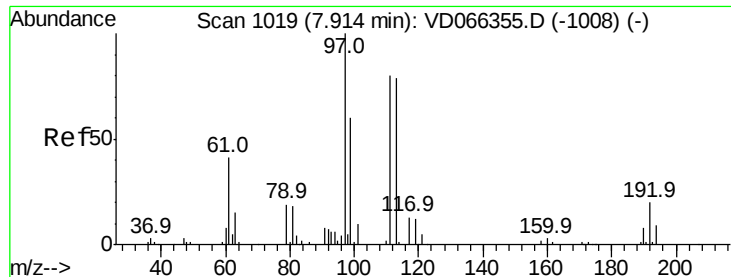
50000

0

8.80 8.90 9.00

Time-->

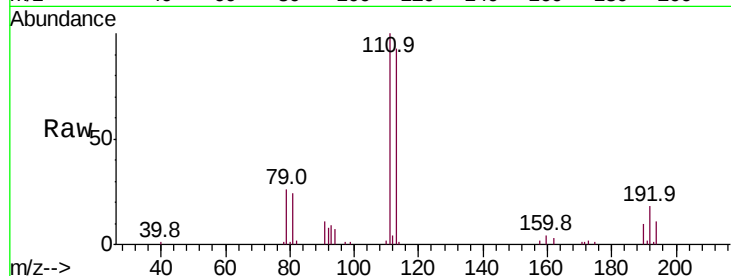




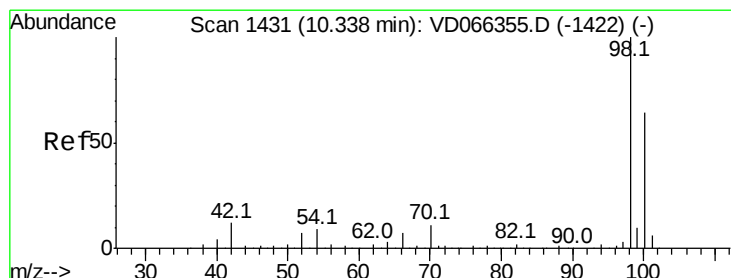
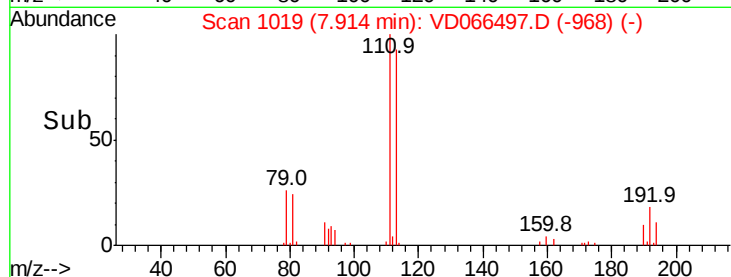
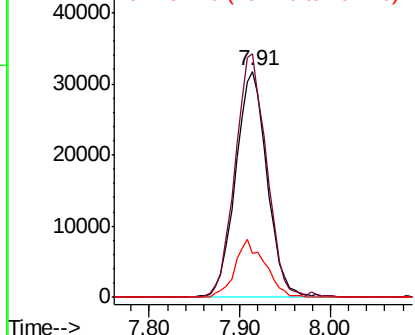
#35
 Dibromofluoromethane
 Concen: 47.904 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066497.D
 Acq: 01 Sep 2020 15:44

Instrument :
 MSVOA_D
 ClientSampled :
 11995

Tot Ion:113 Resp: 76658
 Ion Ratio Lower Upper
 113 100
 111 107.2 80.3 120.5
 192 24.1 19.0 28.6

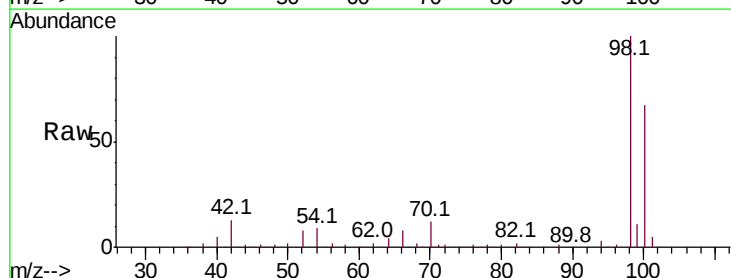


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

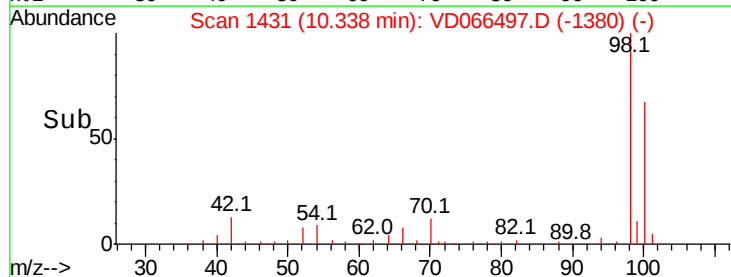
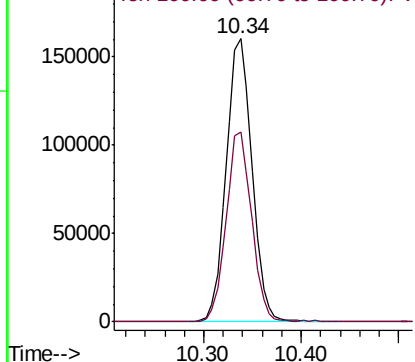


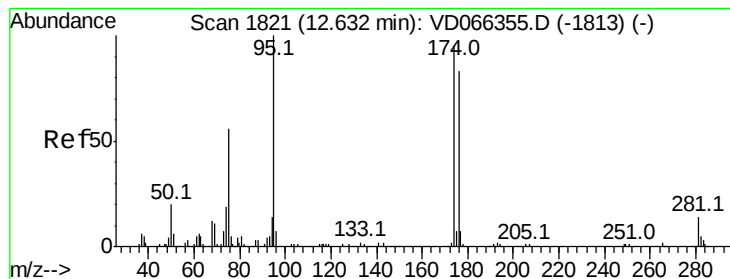
#50
 Toluene-d8
 Concen: 50.427 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066497.D
 Acq: 01 Sep 2020 15:44

Tgt Ion: 98 Resp: 295251
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VD





#62

4-Bromofluorobenzene

Concen: 47.814 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066497.D

Acq: 01 Sep 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

11995

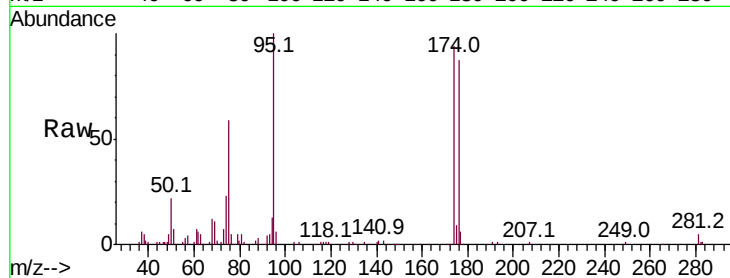
Tot Ion: 95 Resp: 99340

Ion Ratio Lower Upper

95 100

174 97.0 0.0 183.4

176 91.2 0.0 173.8



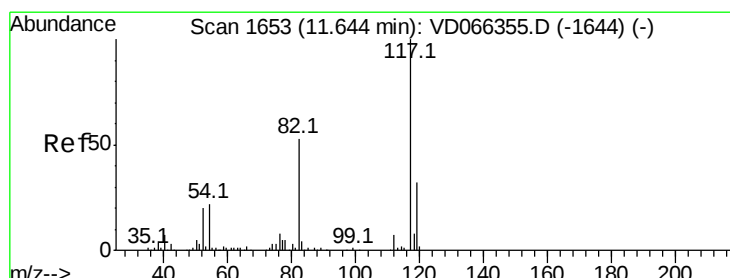
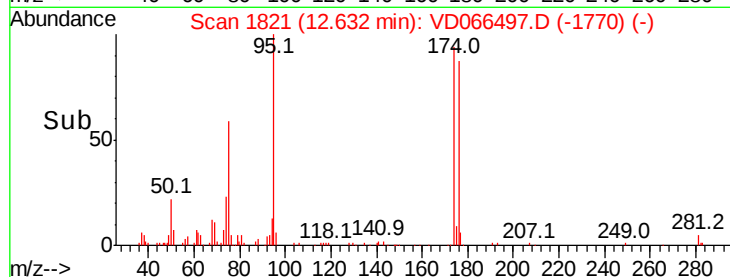
Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

Time--> 12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066497.D

Acq: 01 Sep 2020 15:44

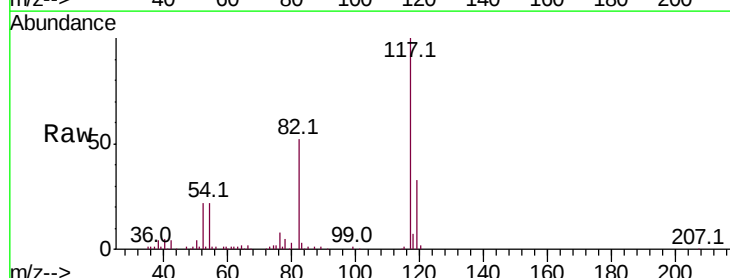
Tgt Ion: 117 Resp: 228870

Ion Ratio Lower Upper

117 100

82 51.6 42.8 64.2

119 32.9 25.8 38.8



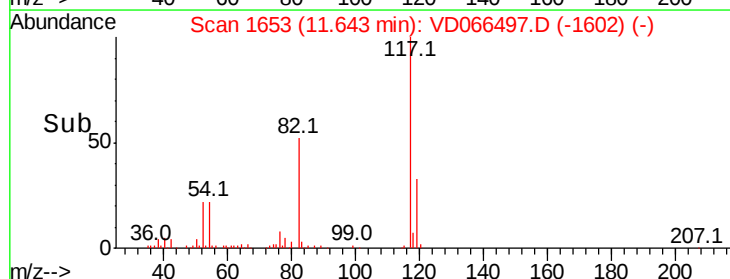
Abundance Ion 116.90 (116.60 to 117.60): V

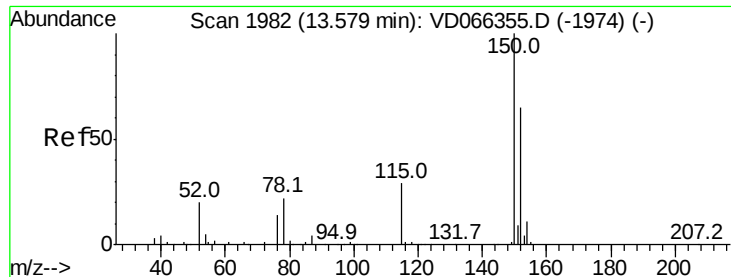
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.64

Time--> 11.60 11.70



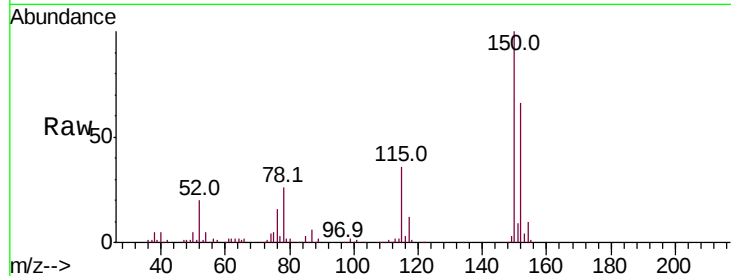


#72

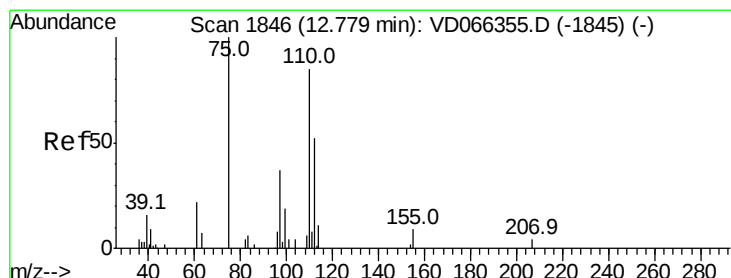
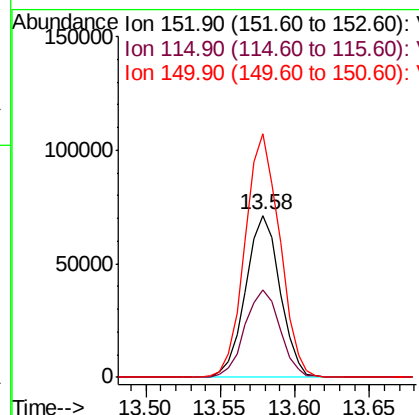
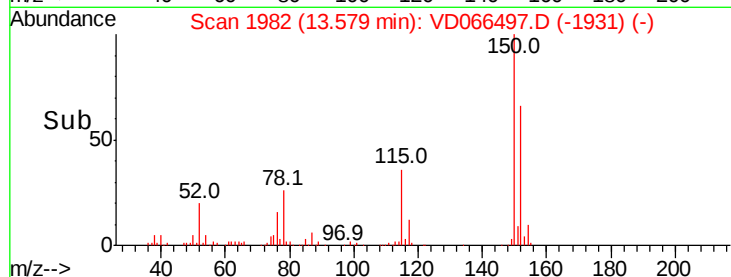
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066497.D
Acq: 01 Sep 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :
11995

Tot Ion:152 Resp: 113701
Ion Ratio Lower Upper
152 100
115 55.2 28.3 85.0
150 151.6 0.0 343.2



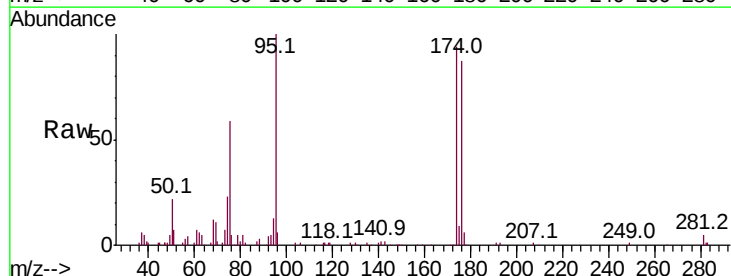
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



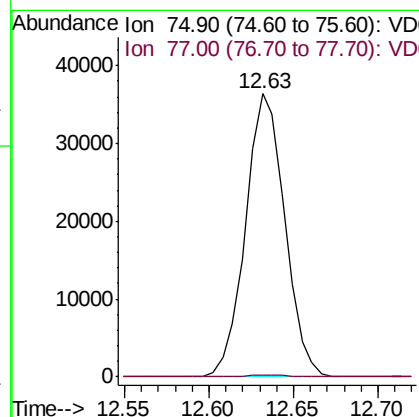
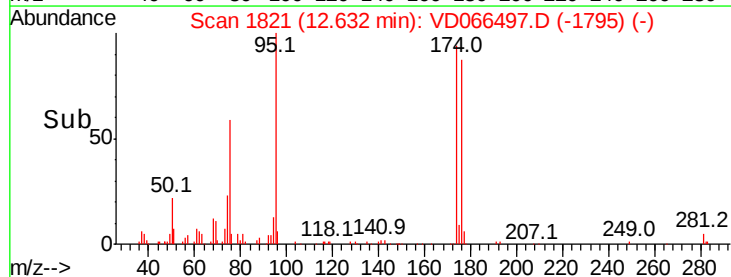
#76

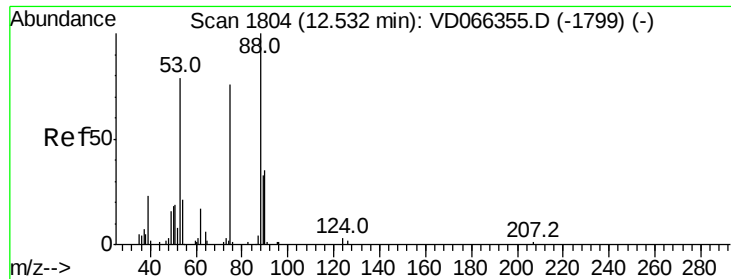
1,2,3-Trichloropropane
Concen: 73.550 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066497.D
Acq: 01 Sep 2020 15:44

Tgt Ion: 75 Resp: 58832
Ion Ratio Lower Upper
75 100
77 0.5 182.9 548.9#



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: 156.123 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066497.D

Acq: 01 Sep 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

11995

Tot Ion: 75 Resp: 58832

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#

