

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066417.D
 Acq On : 26 Aug 2020 13:42
 Operator : VA/SY
 Sample : L3793-04
 Misc : 7.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 27 07:28:39 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	214607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	309003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	282878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	144392	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	112127	53.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.58%	
35) Dibromofluoromethane	7.91	113	96630	50.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.02%	
50) Toluene-d8	10.34	98	362478	51.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.63	95	120511	48.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.08%	

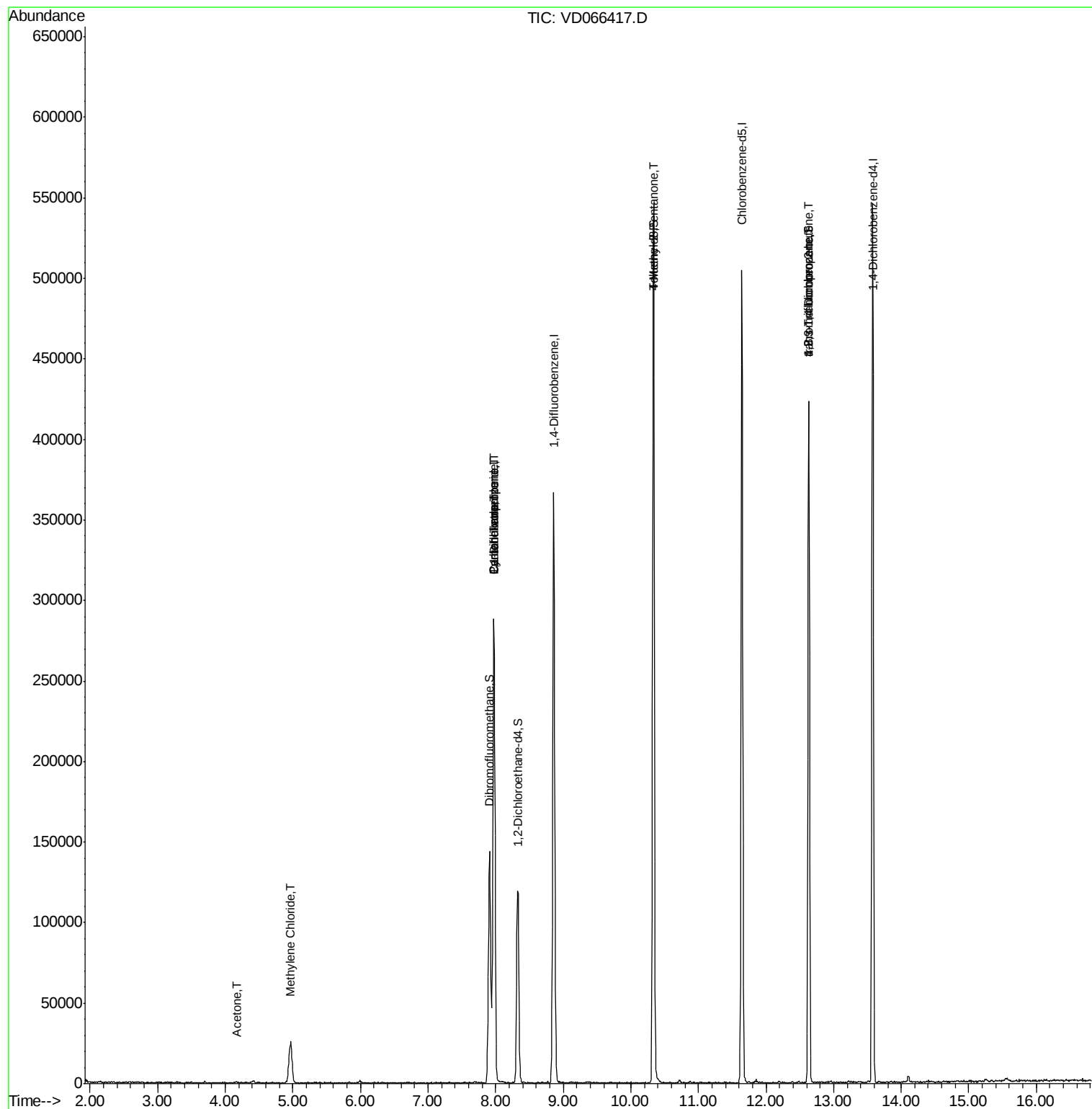
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	944	2.489	ug/l #	46
20) Methylene Chloride	4.97	84	20854	4.530	ug/l #	84
31) Cyclohexane	7.97	56	4653	1.593	ug/l #	29
36) 1,1-Dichloropropene	7.97	75	14766	5.237	ug/l #	47
38) Carbon Tetrachloride	7.97	117	20148	5.485	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1928	2.071	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	69935	68.847	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	69935	146.140	ug/l #	6

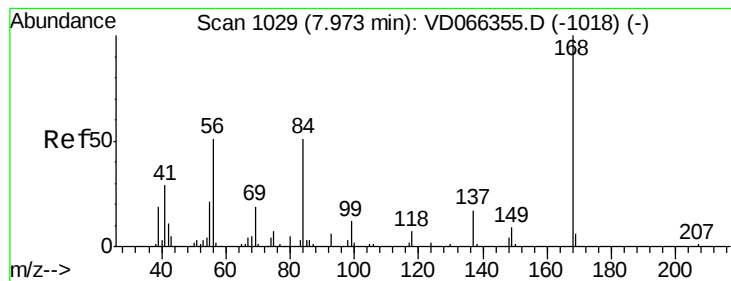
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
Data File : VD066417.D
Acq On : 26 Aug 2020 13:42
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Misc : 7.57G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Quant Time: Aug 27 07:28:39 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: VD066417.D

Acq: 26 Aug 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

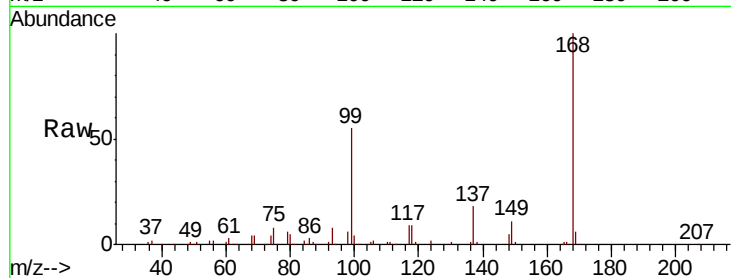
TP-2

Tot Ion:168 Resp: 214607

Ion Ratio Lower Upper

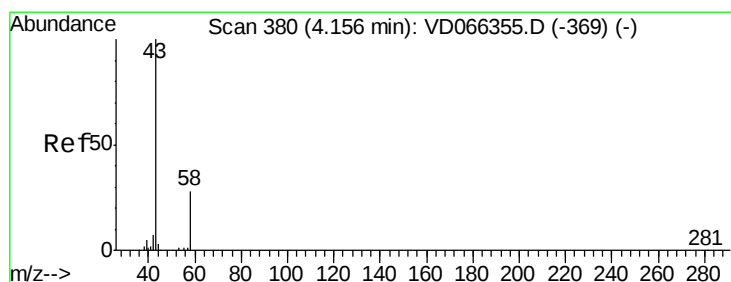
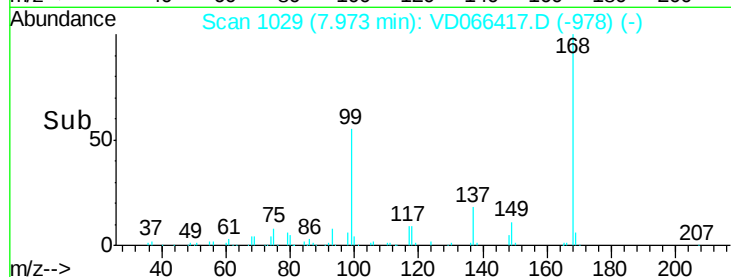
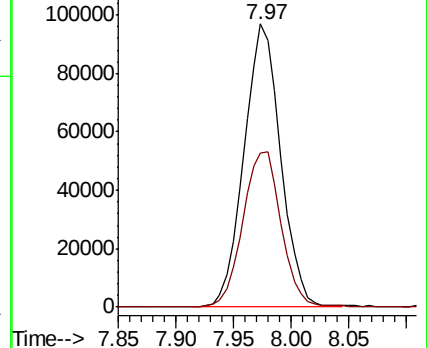
168 100

99 54.7 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: 2.489 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066417.D

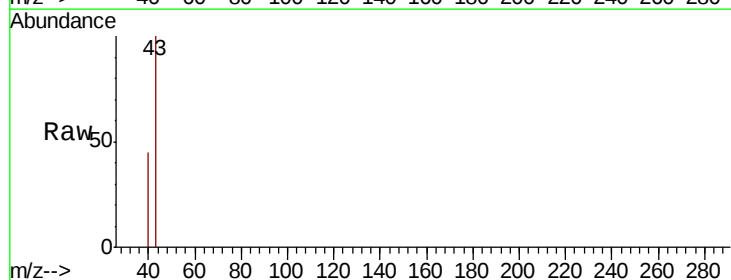
Acq: 26 Aug 2020 13:42

Tgt Ion: 43 Resp: 944

Ion Ratio Lower Upper

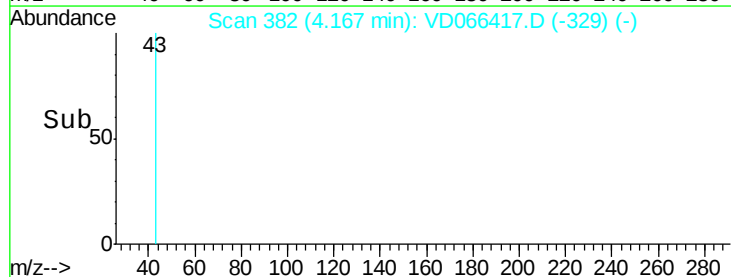
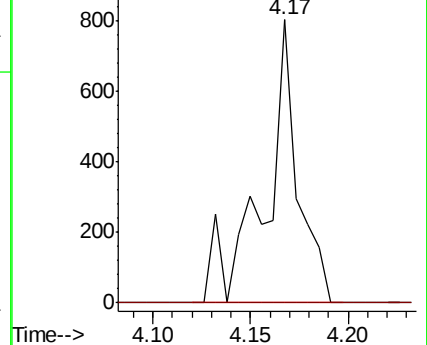
43 100

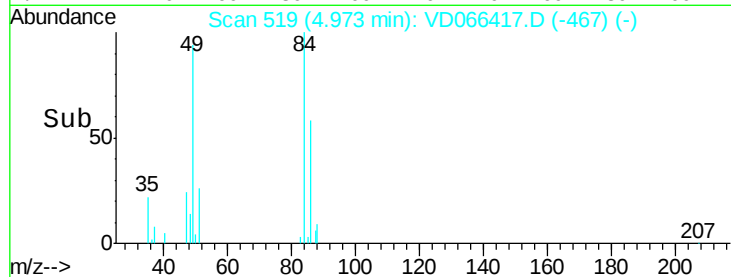
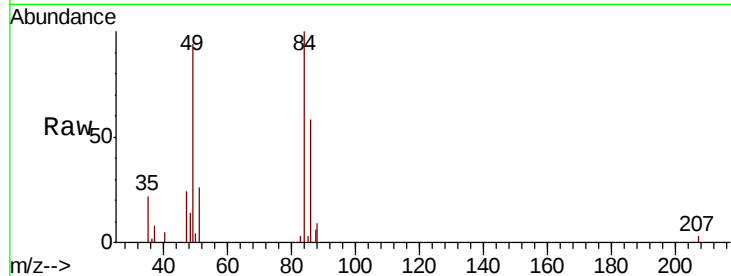
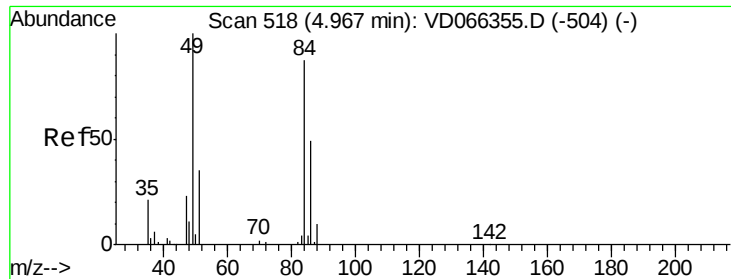
58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

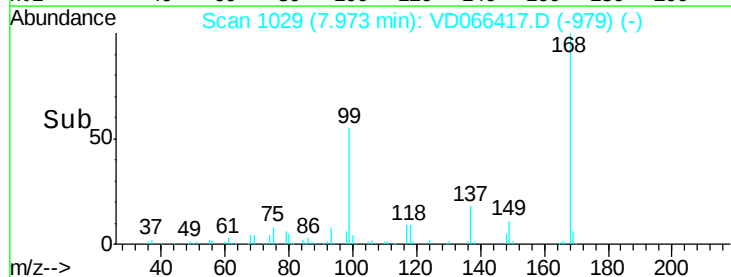
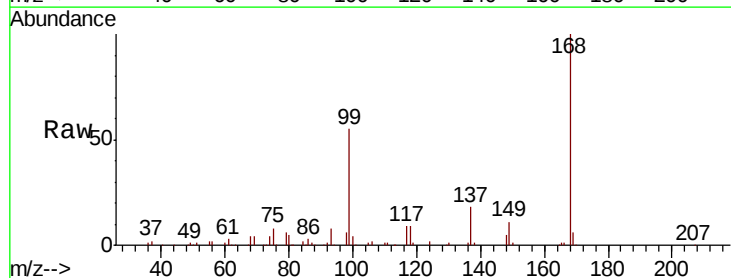
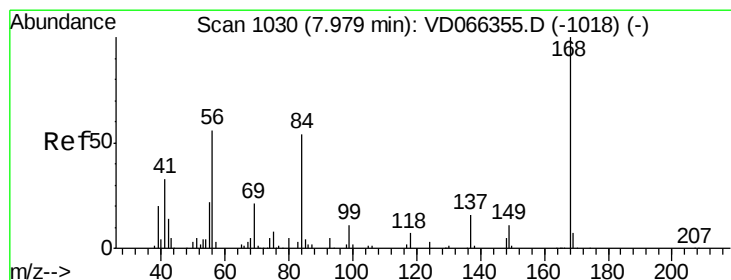
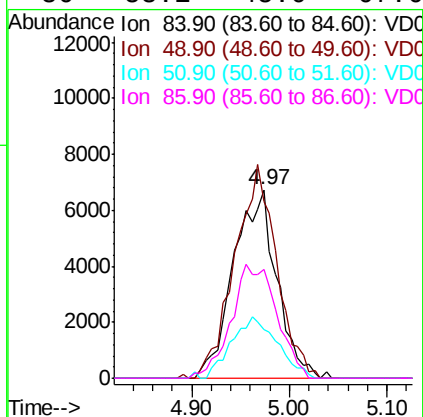




#20
Methvlene Chloride
Concen: 4.530 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066417.D
Acq: 26 Aug 2020 13:42

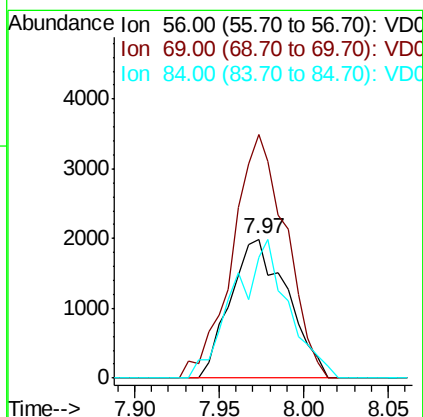
Instrument :
MSVOA_D
ClientSampled :
TP-2

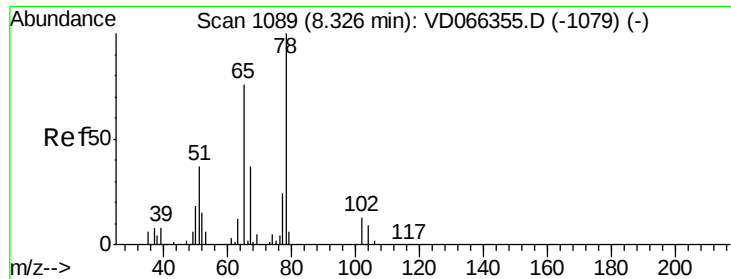
Tot Ion: 84 Resp: 20854
Ion Ratio Lower Upper
84 100
49 93.8 92.5 138.7
51 26.2 32.5 48.7#
86 58.1 45.0 67.6



#31
Cyclohexane
Concen: 1.593 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066417.D
Acq: 26 Aug 2020 13:42

Tgt Ion: 56 Resp: 4653
Ion Ratio Lower Upper
56 100
69 174.8 29.6 44.4#
84 86.4 76.6 115.0

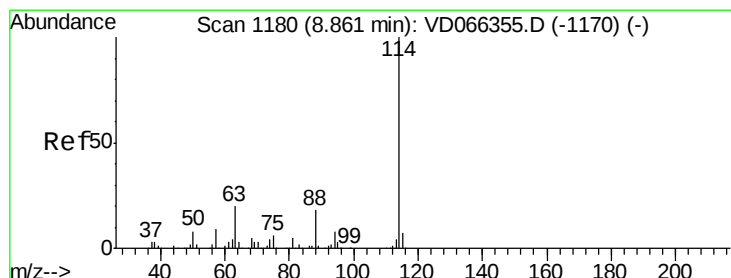
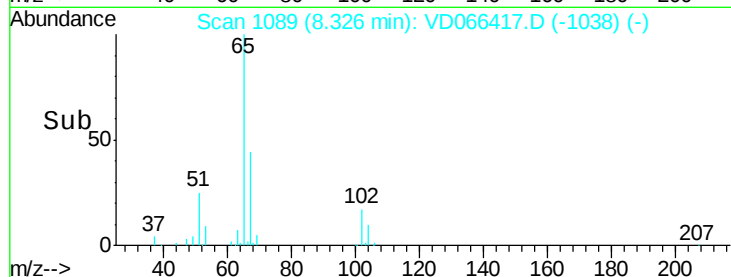
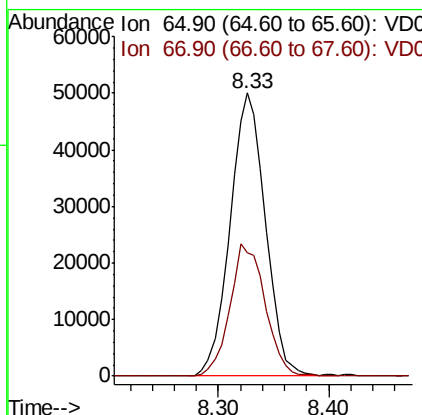
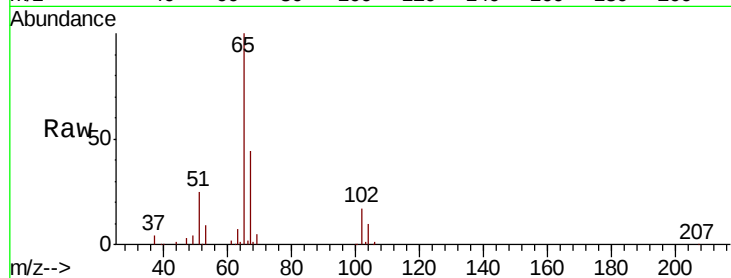




#33
 1,2-Dichloroethane-d4
 Concen: 53.292 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066417.D
 Acq: 26 Aug 2020 13:42

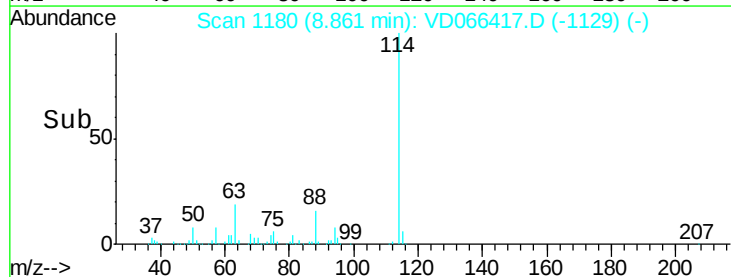
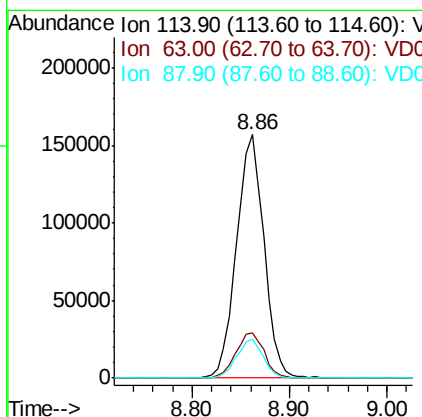
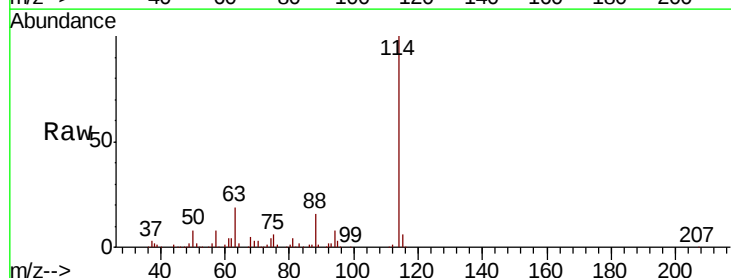
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

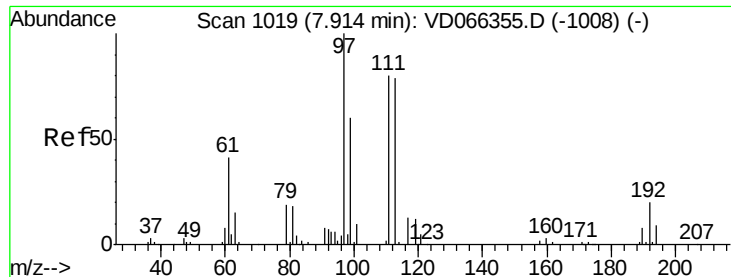
Tot Ion: 65 Resp: 112127
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066417.D
 Acq: 26 Aug 2020 13:42

Tgt Ion: 114 Resp: 309003
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.8
 88 16.2 0.0 35.4

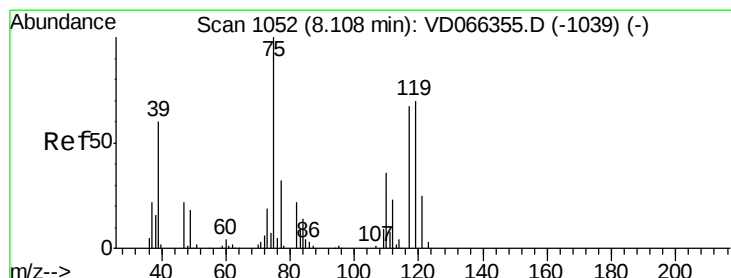
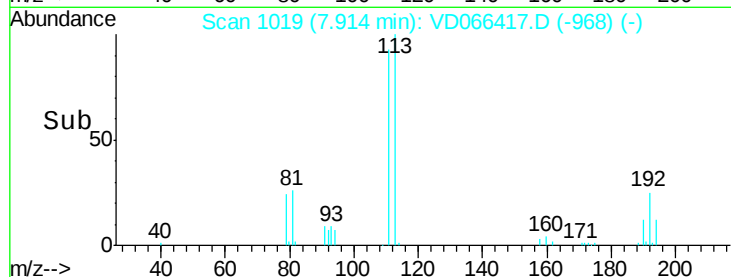
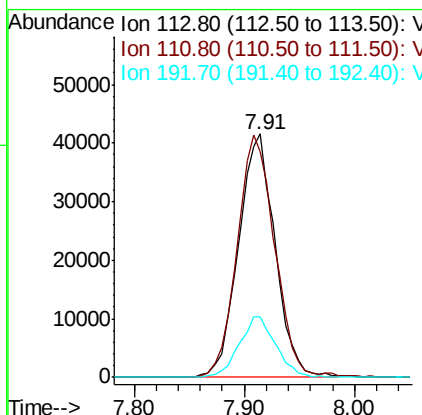
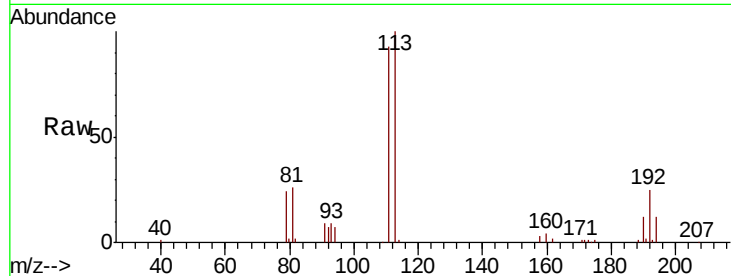




#35
 Dibromofluoromethane
 Concen: 50.010 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066417.D
 Acq: 26 Aug 2020 13:42

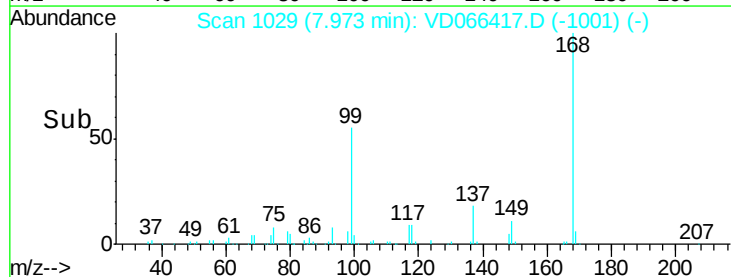
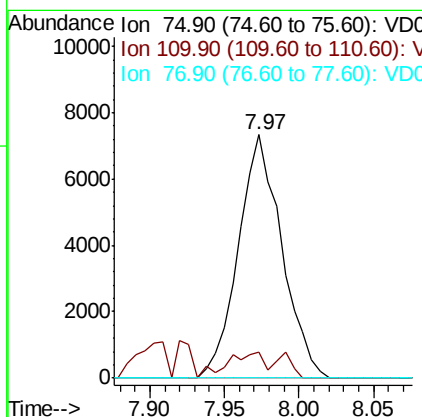
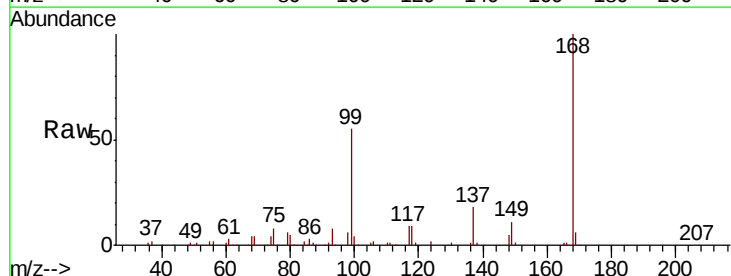
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

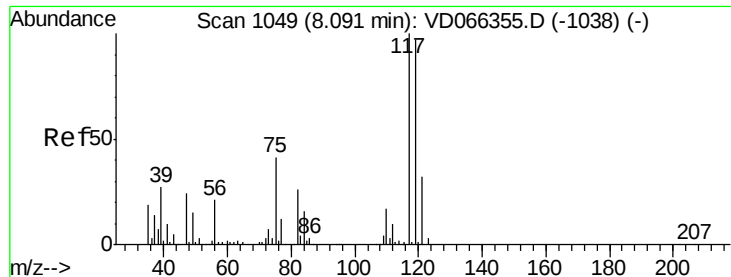
Tot Ion:113 Resp: 96630
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.3 120.5
 192 24.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.237 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066417.D
 Acq: 26 Aug 2020 13:42

Tgt Ion: 75 Resp: 14766
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.7 56.1#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.485 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.12 min

Lab File: VD066417.D

Acq: 26 Aug 2020 13:42

Instrument :

MSVOA_D

ClientSampled :

TP-2

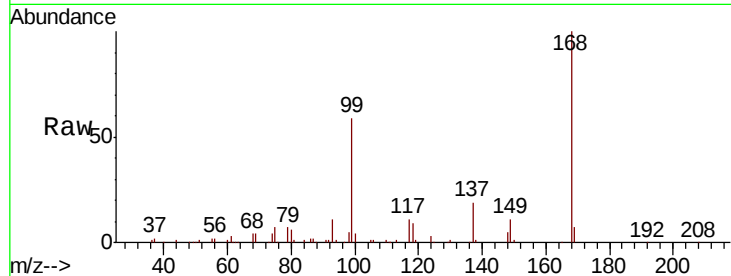
Tot Ion:117 Resp: 20148

Ion Ratio Lower Upper

117 100

119 6.3 77.2 115.8#

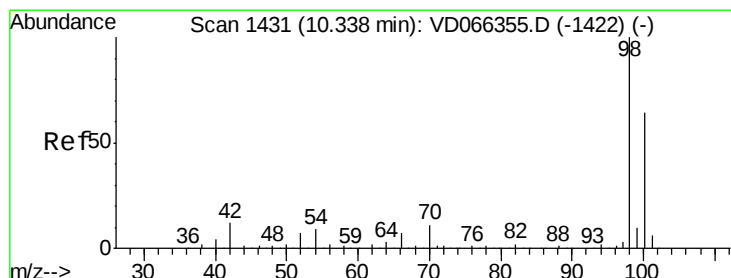
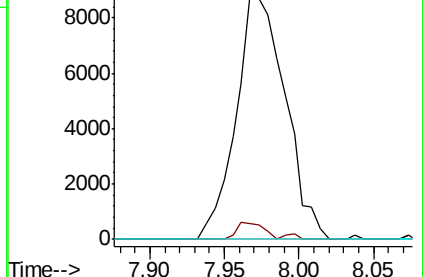
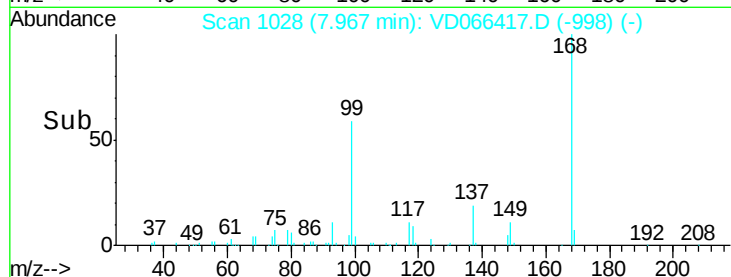
121 0.0 25.8 38.8#



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: 51.272 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066417.D

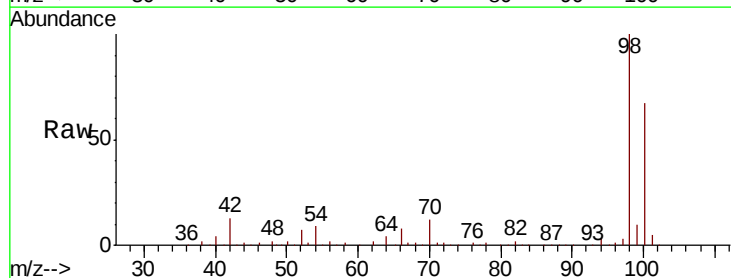
Acq: 26 Aug 2020 13:42

Tgt Ion: 98 Resp: 362478

Ion Ratio Lower Upper

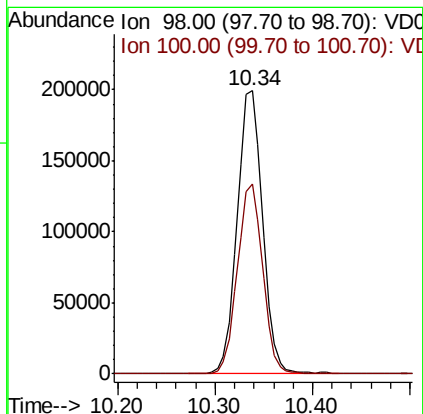
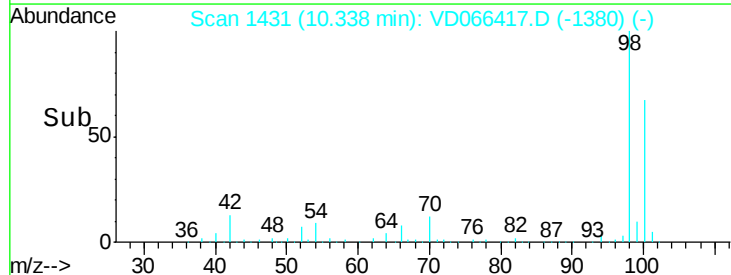
98 100

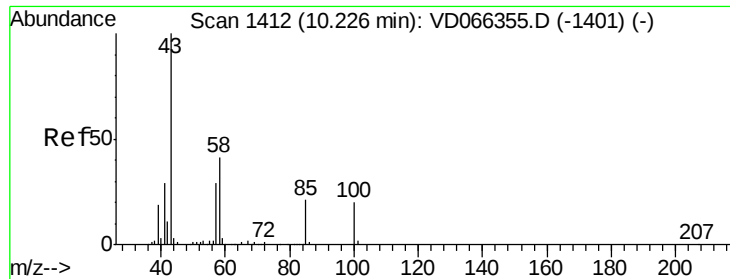
100 66.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 2.071 ug/l

RT: 10.33 min Scan# 1429

Delta R.T. 0.10 min

Lab File: VD066417.D

Acq: 26 Aug 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

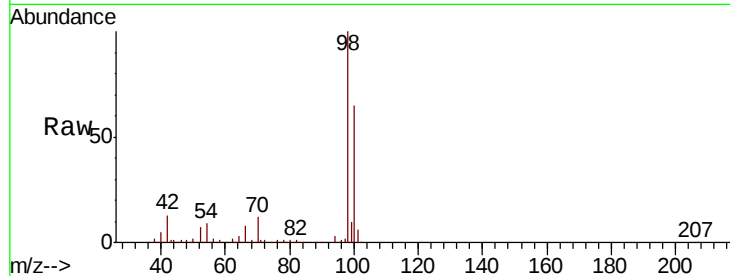
TP-2

Tot Ion: 43 Resp: 1928

Ion Ratio Lower Upper

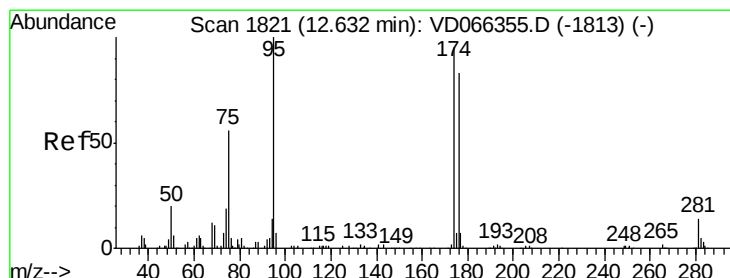
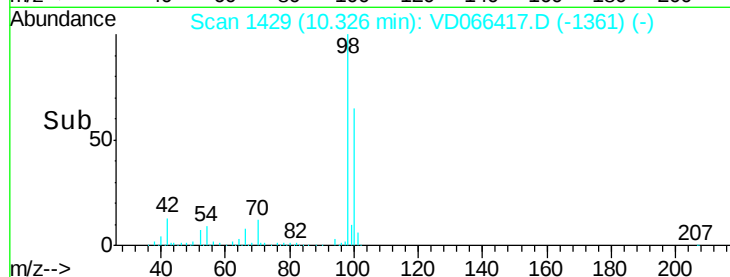
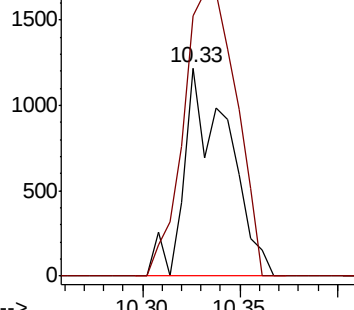
43 100

58 163.2 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.038 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066417.D

Acq: 26 Aug 2020 13:42

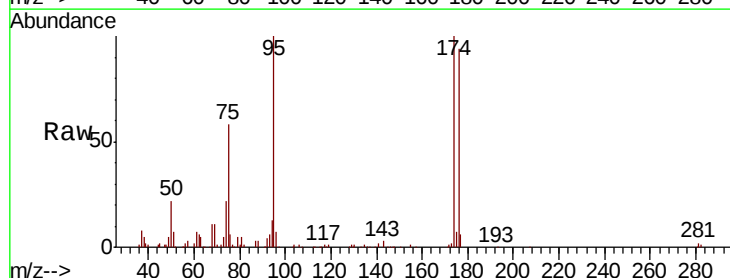
Tgt Ion: 95 Resp: 120511

Ion Ratio Lower Upper

95 100

174 98.6 0.0 183.4

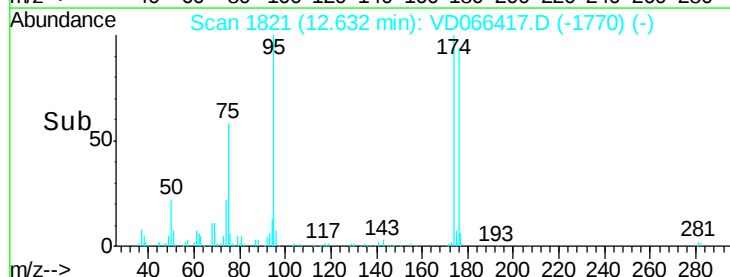
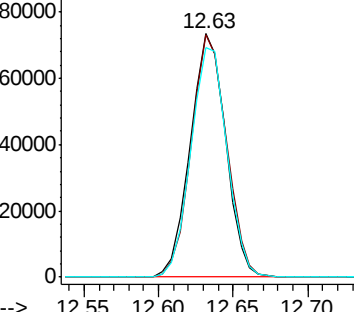
176 96.2 0.0 173.8

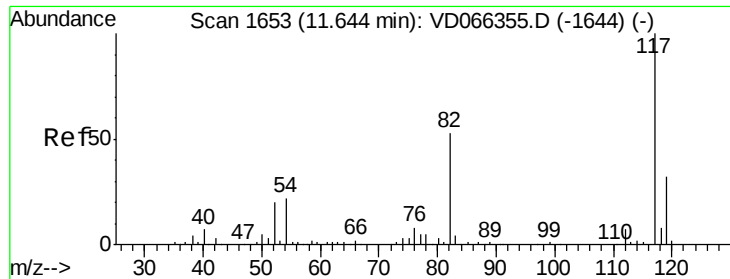


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

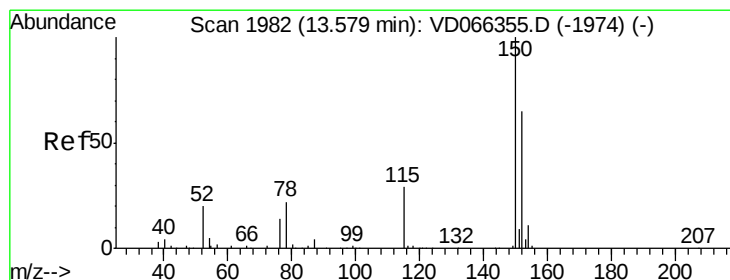
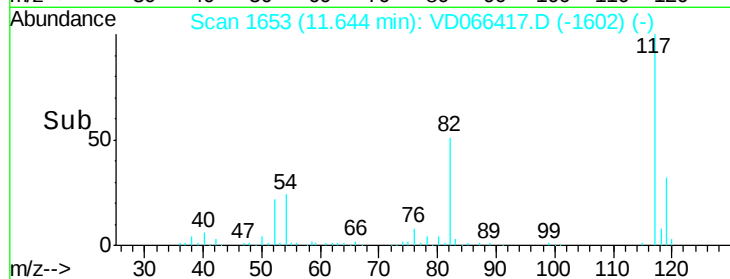
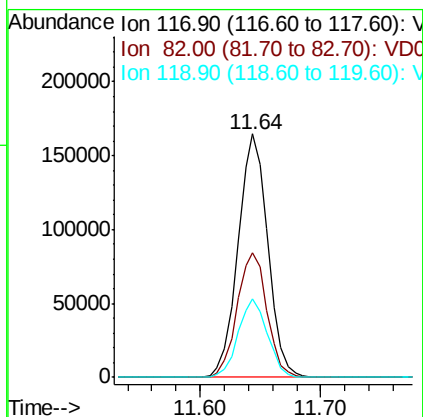
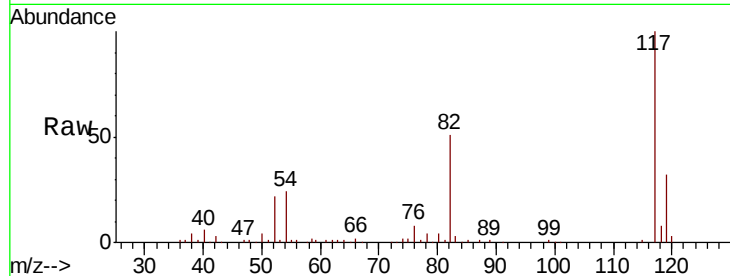




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066417.D
Acq: 26 Aug 2020 13:42

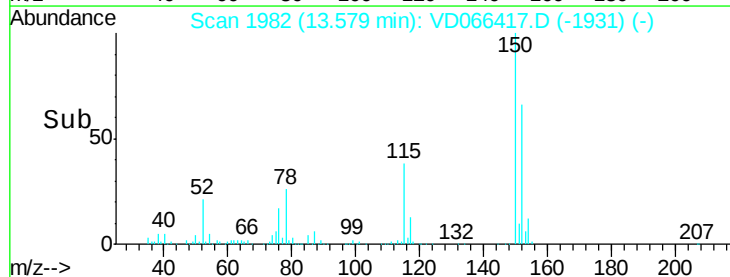
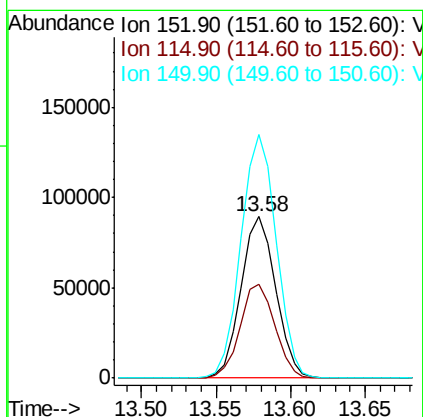
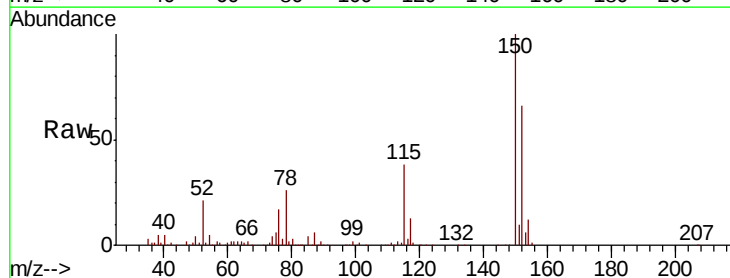
Instrument :
MSVOA_D
ClientSampled :
TP-2

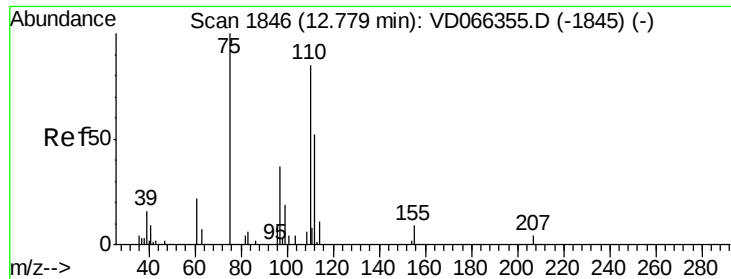
Tot Ion:117 Resp: 282878
Ion Ratio Lower Upper
117 100
82 51.0 42.8 64.2
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066417.D
Acq: 26 Aug 2020 13:42

Tgt Ion:152 Resp: 144392
Ion Ratio Lower Upper
152 100
115 58.2 28.3 85.0
150 153.2 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 68.847 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066417.D

Acq: 26 Aug 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

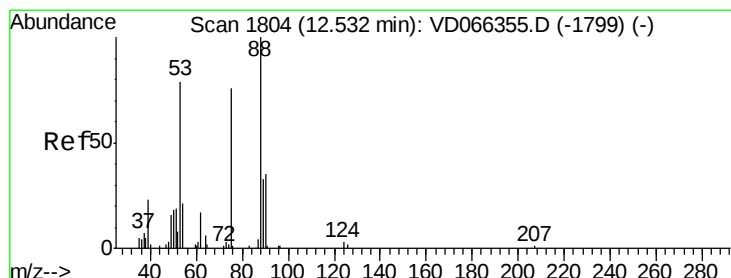
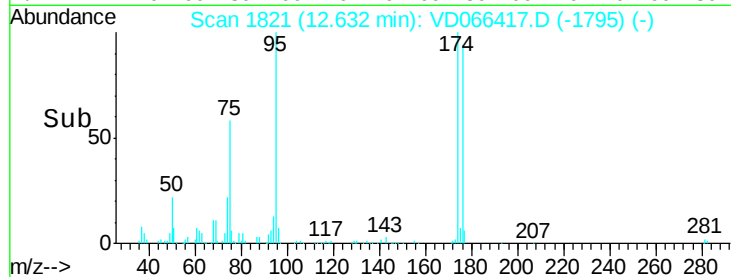
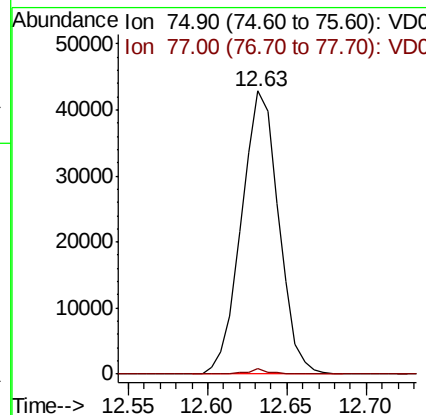
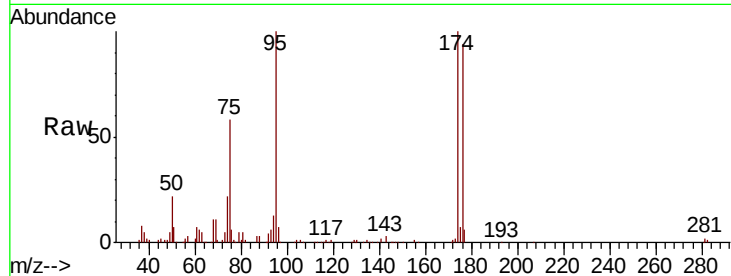
TP-2

Tot Ion: 75 Resp: 69935

Ion Ratio Lower Upper

75 100

77 1.0 182.9 548.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.140 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066417.D

Acq: 26 Aug 2020 13:42

Tgt Ion: 75 Resp: 69935

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#

