

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066421.D
 Acq On : 26 Aug 2020 15:32
 Operator : VA/SY
 Sample : L3793-16
 Misc : 7.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Aug 27 07:29:33 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	197961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	293519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	268563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140186	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	111110	57.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.50%	
35) Dibromofluoromethane	7.91	113	92255	50.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.52%	
50) Toluene-d8	10.34	98	345277	51.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.63	95	118874	49.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.78%	

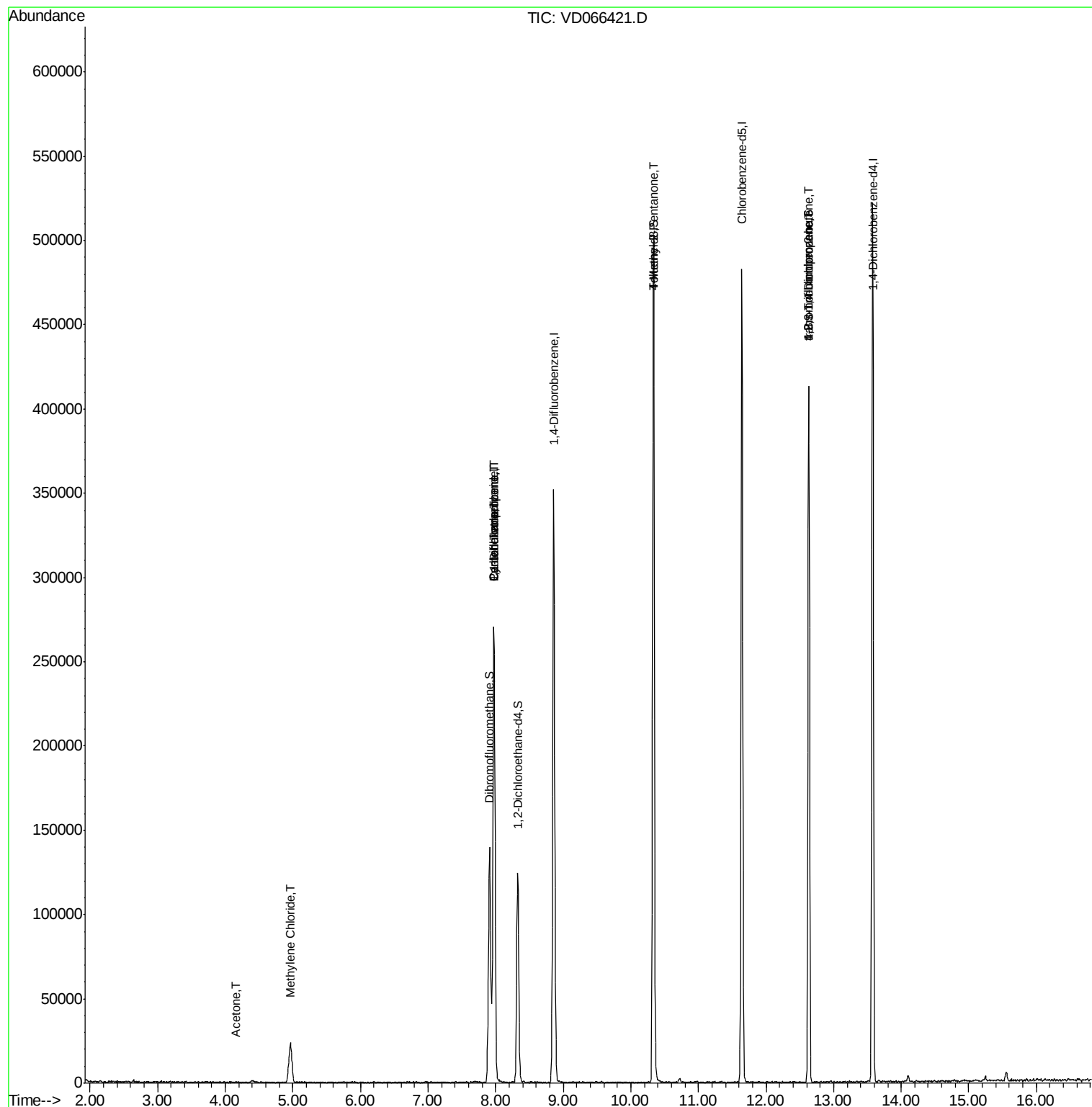
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	426	1.218	ug/l #	46
20) Methylene Chloride	4.97	84	18631	4.159	ug/l #	89
31) Cyclohexane	7.97	56	4248	1.576	ug/l #	47
36) 1,1-Dichloropropene	7.97	75	13993	5.225	ug/l #	50
38) Carbon Tetrachloride	7.97	117	22459	6.437	ug/l #	20
51) 4-Methyl-2-Pentanone	10.33	43	1791	2.025	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	69621	70.594	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	69621	149.849	ug/l #	6

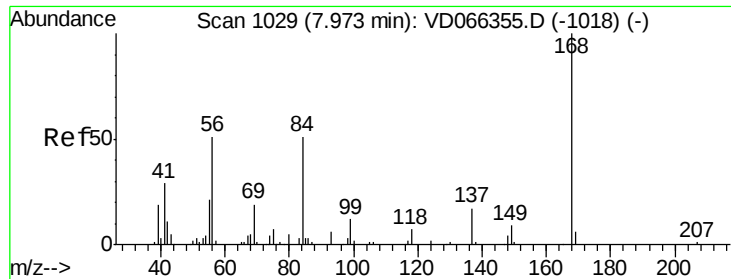
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
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MSVOA_D
ClientSampleId :
TP-6

Quant Time: Aug 27 07:29:33 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: VD066421.D

Acq: 26 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

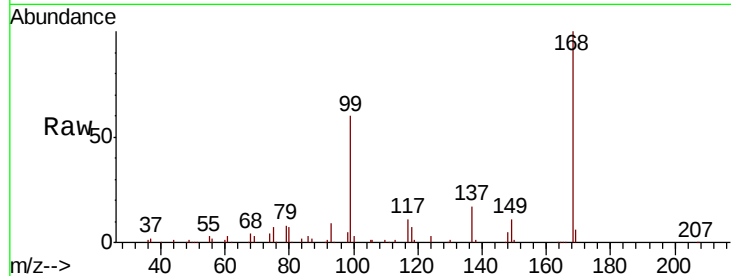
TP-6

Tot Ion:168 Resp: 197961

Ion Ratio Lower Upper

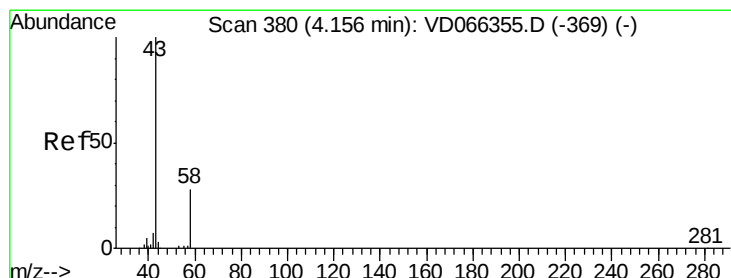
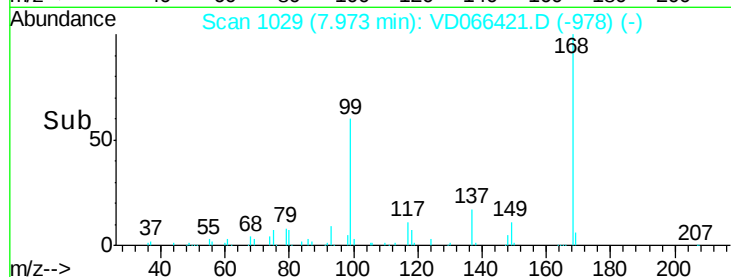
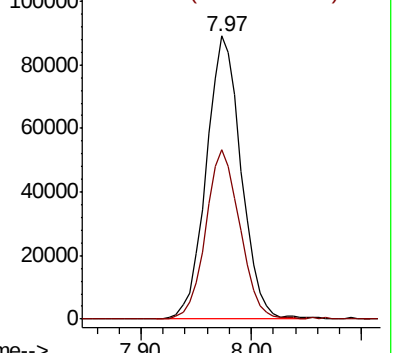
168 100

99 59.7 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: 1.218 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066421.D

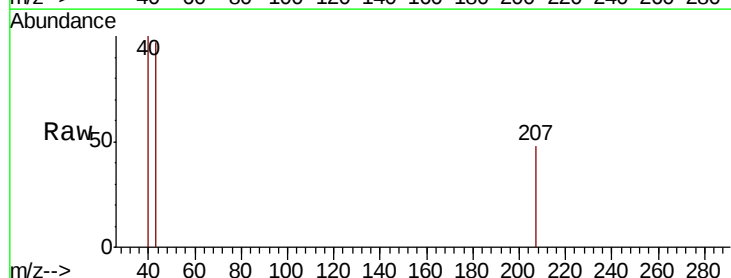
Acq: 26 Aug 2020 15:32

Tgt Ion: 43 Resp: 426

Ion Ratio Lower Upper

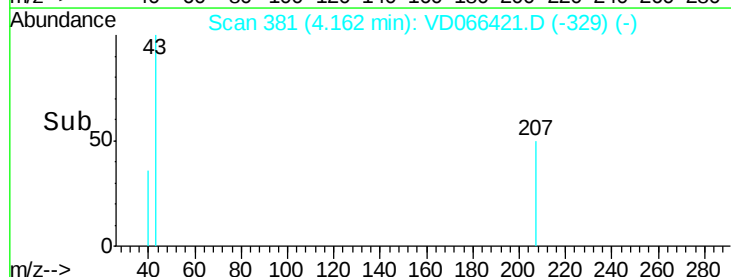
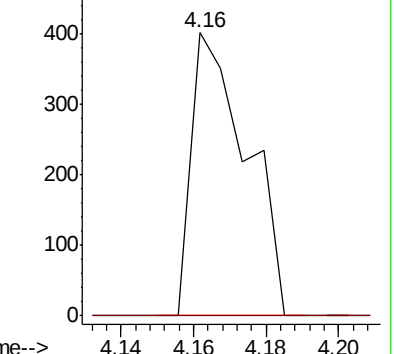
43 100

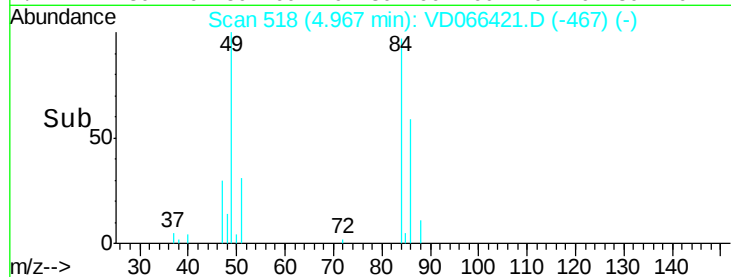
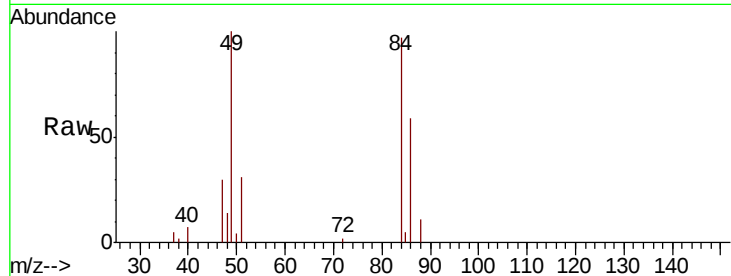
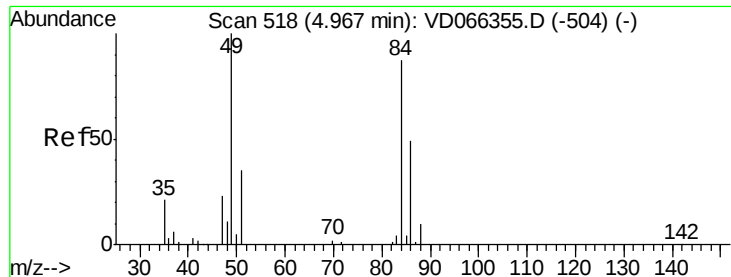
58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

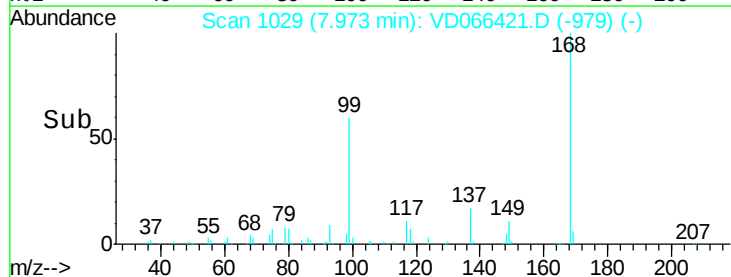
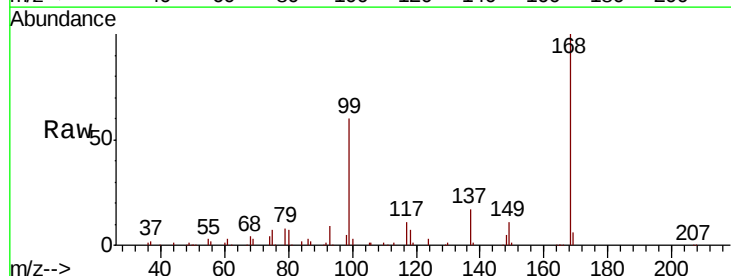
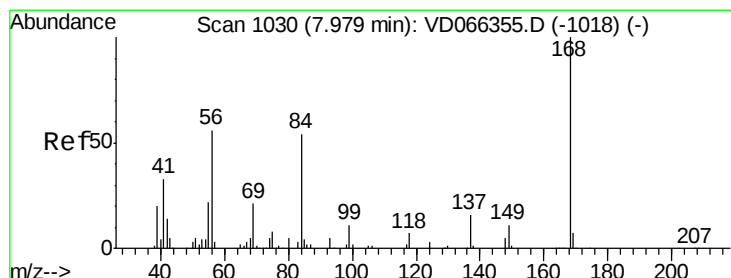
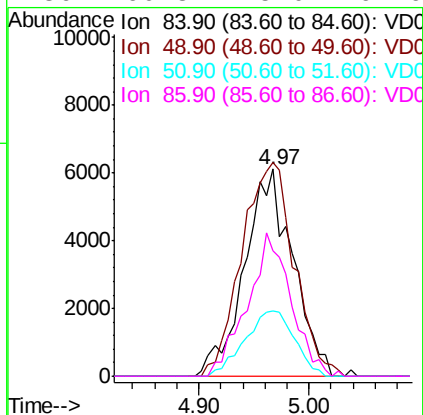




#20
Methvlene Chloride
Concen: 4.159 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066421.D
Acq: 26 Aug 2020 15:32

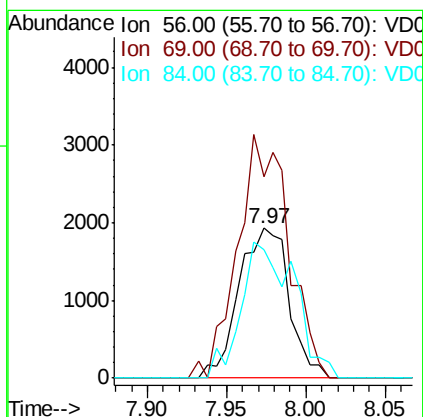
Instrument :
MSVOA_D
ClientSampleId :
TP-6

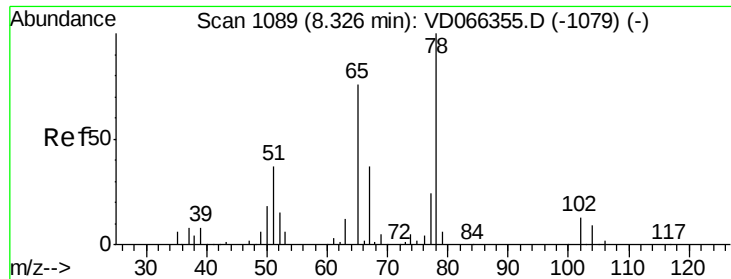
Tot Ion:	84	Resp:	18631
Ion	Ratio	Lower	Upper
84	100		
49	103.1	92.5	138.7
51	31.6	32.5	48.7#
86	60.8	45.0	67.6



#31
Cyclohexane
Concen: 1.576 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066421.D
Acq: 26 Aug 2020 15:32

Tgt Ion:	56	Resp:	4248
Ion	Ratio	Lower	Upper
56	100		
69	134.2	29.6	44.4#
84	85.3	76.6	115.0

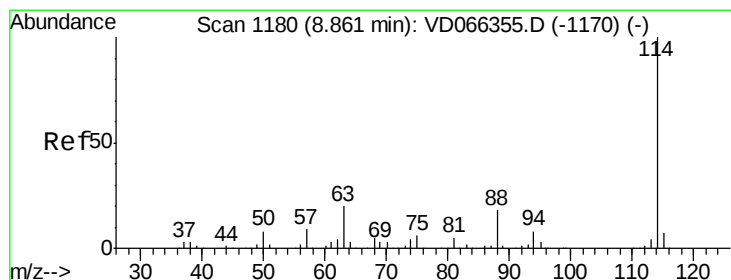
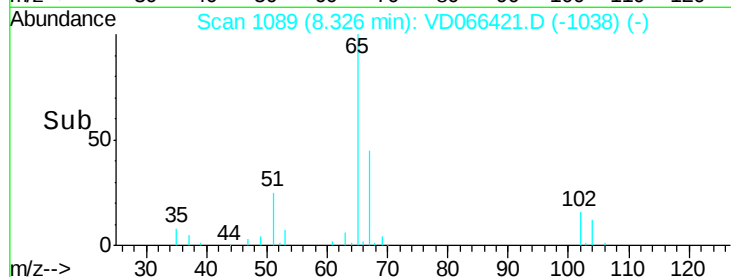
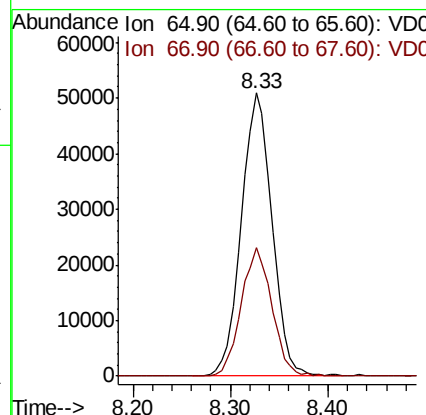
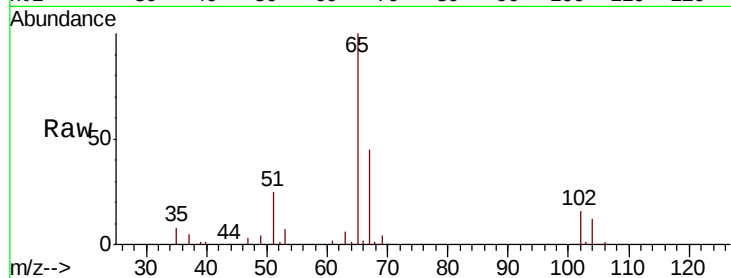




#33
 1,2-Dichloroethane-d4
 Concen: 57.250 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066421.D
 Acq: 26 Aug 2020 15:32

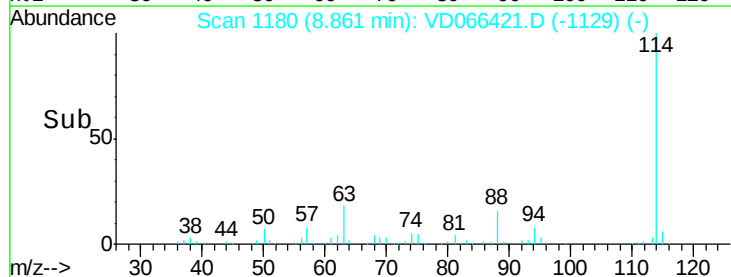
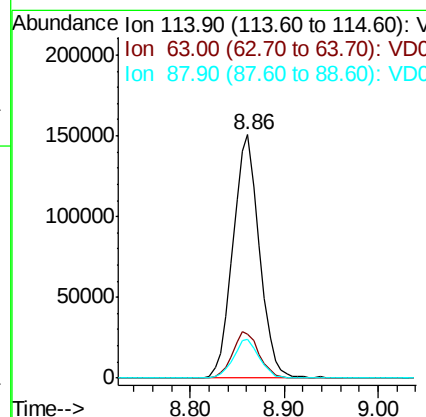
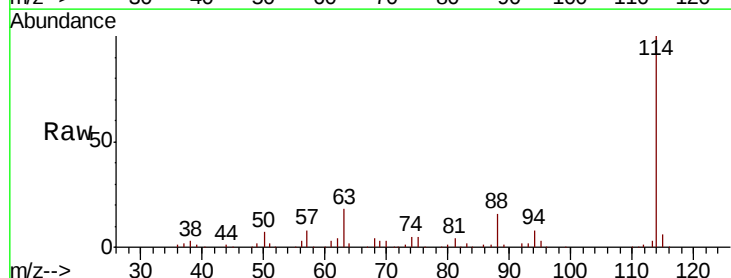
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-6

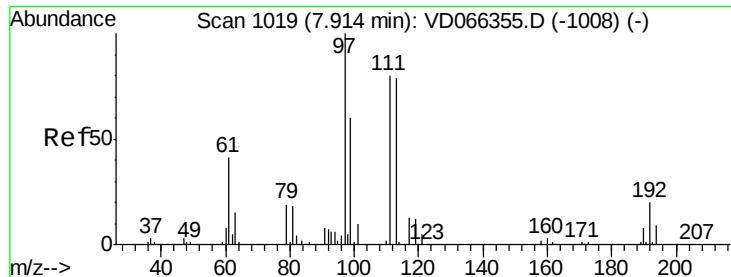
Tot Ion: 65 Resp: 111110
 Ion Ratio Lower Upper
 65 100
 67 45.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066421.D
 Acq: 26 Aug 2020 15:32

Tgt Ion: 114 Resp: 293519
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 40.8
 88 15.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.264 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066421.D

Acq: 26 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampled :

TP-6

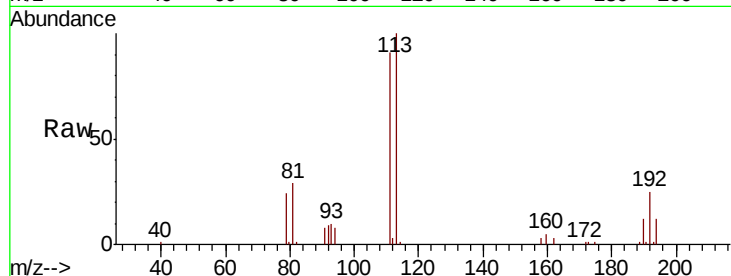
Tot Ion:113 Resp: 92255

Ion Ratio Lower Upper

113 100

111 102.0 80.3 120.5

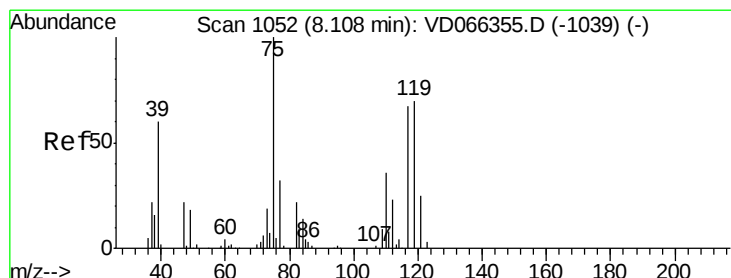
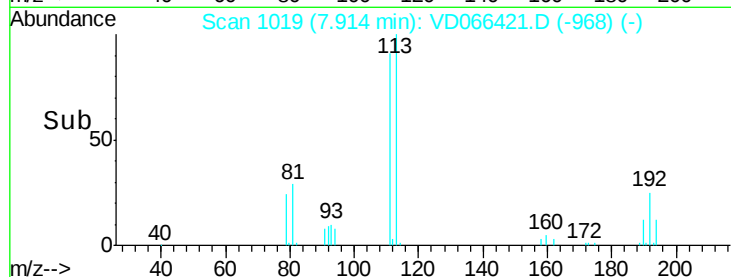
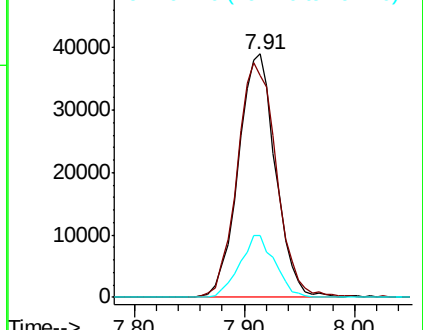
192 24.0 19.0 28.6



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



#36

1,1-Dichloropropene

Concen: 5.225 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066421.D

Acq: 26 Aug 2020 15:32

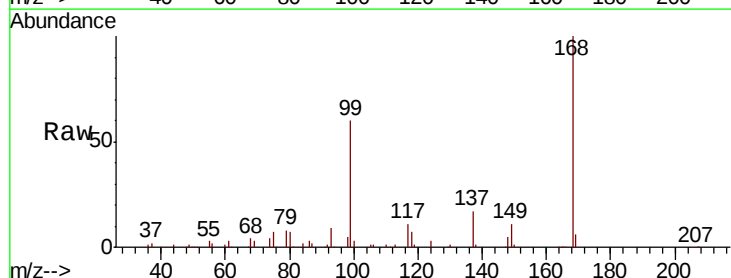
Tgt Ion: 75 Resp: 13993

Ion Ratio Lower Upper

75 100

110 11.1 18.7 56.1#

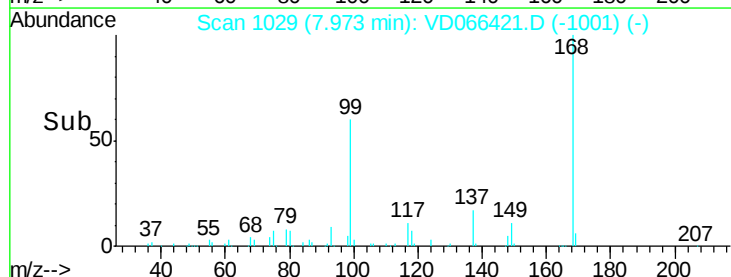
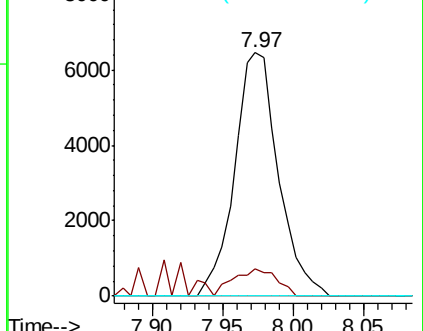
77 0.0 25.2 37.8#

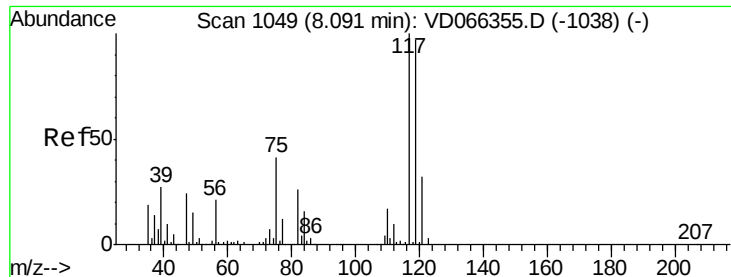


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.437 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066421.D

Acq: 26 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

TP-6

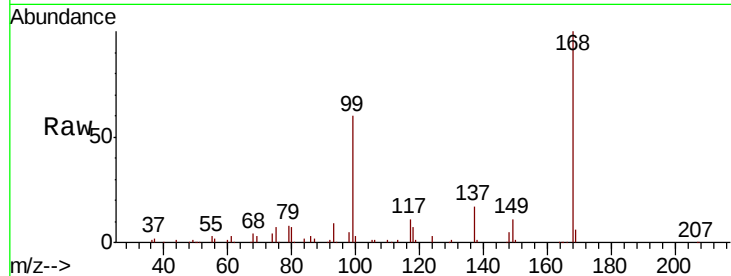
Tot Ion:117 Resp: 22459

Ion Ratio Lower Upper

117 100

119 10.2 77.2 115.8#

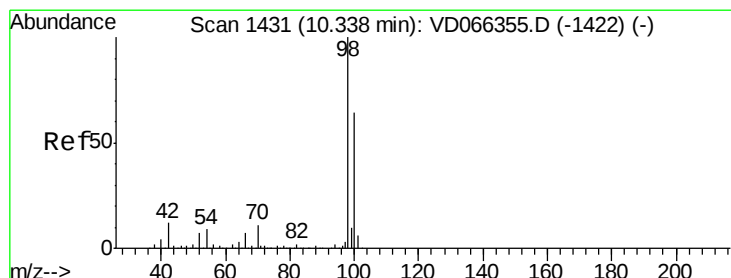
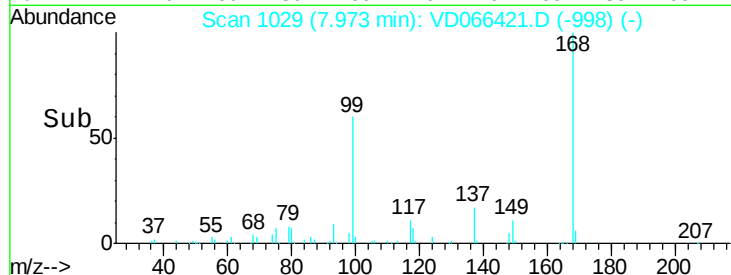
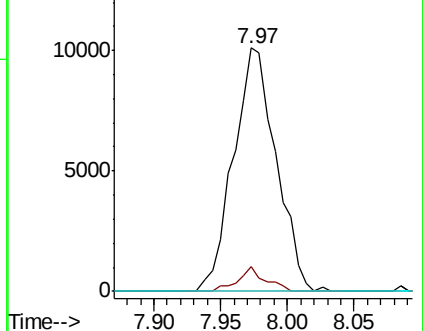
121 0.0 25.8 38.8#



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: 51.415 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066421.D

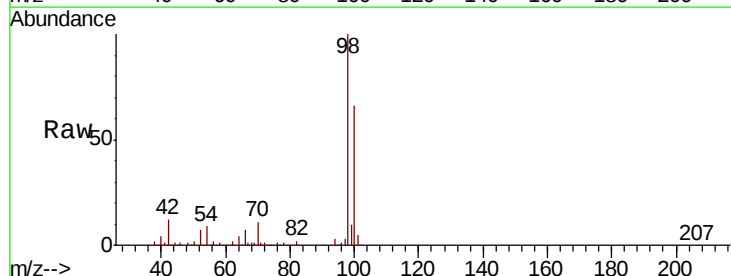
Acq: 26 Aug 2020 15:32

Tgt Ion: 98 Resp: 345277

Ion Ratio Lower Upper

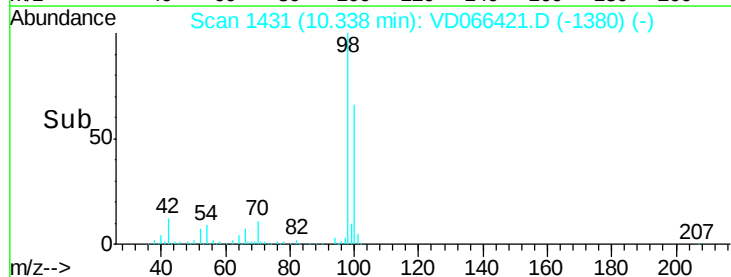
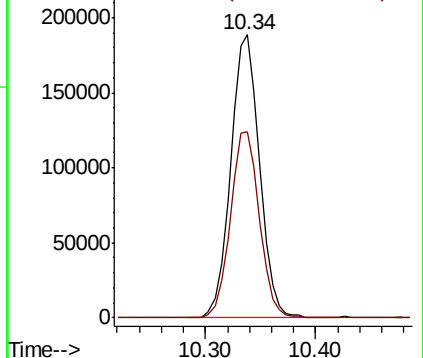
98 100

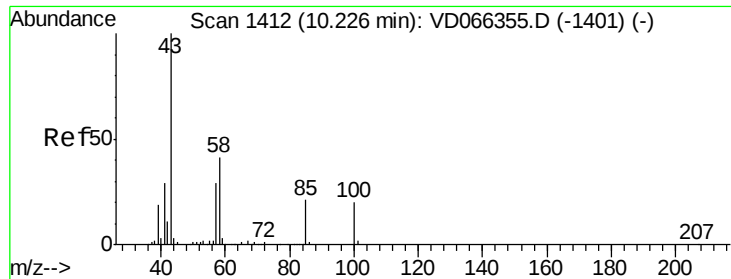
100 66.2 53.0 79.4



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: 2.025 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066421.D

Acq: 26 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampled :

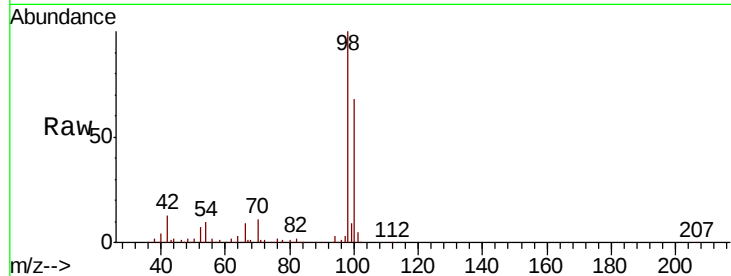
TP-6

Tot Ion: 43 Resp: 1791

Ion Ratio Lower Upper

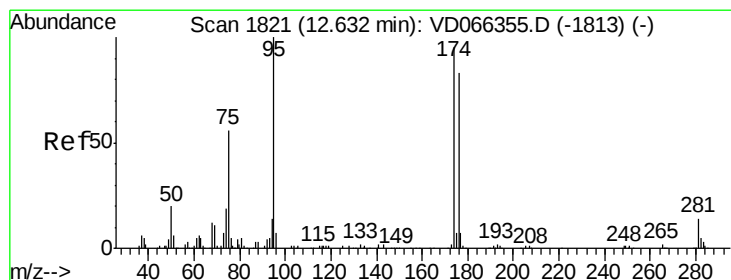
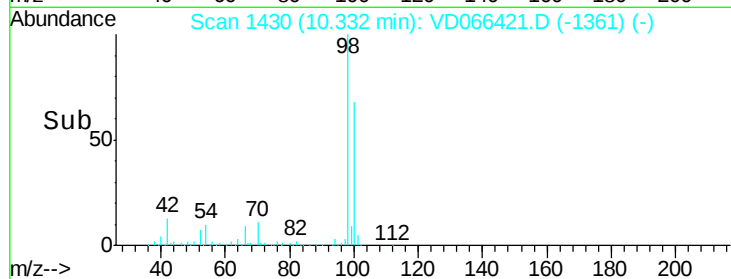
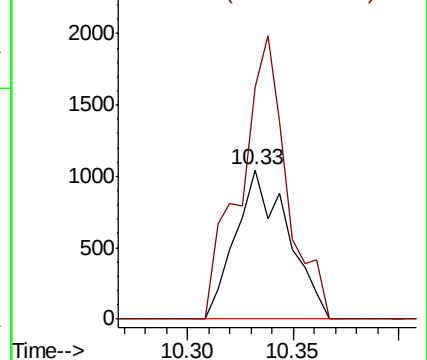
43 100

58 170.1 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: 49.885 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066421.D

Acq: 26 Aug 2020 15:32

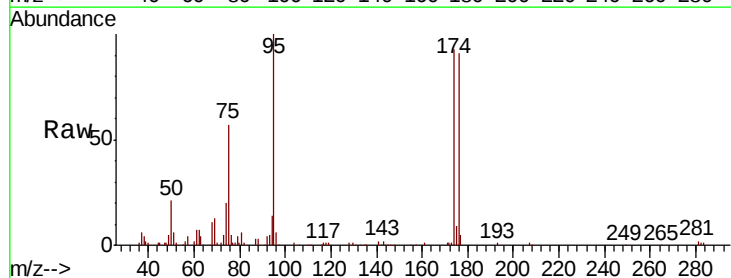
Tgt Ion: 95 Resp: 118874

Ion Ratio Lower Upper

95 100

174 96.9 0.0 183.4

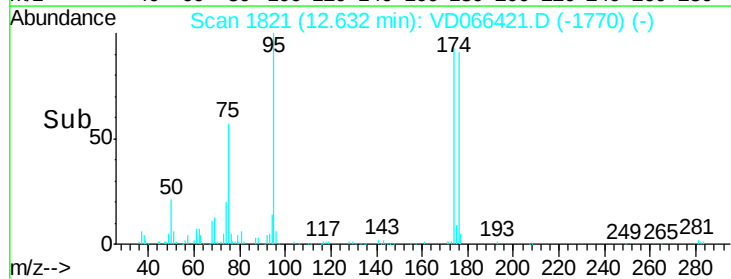
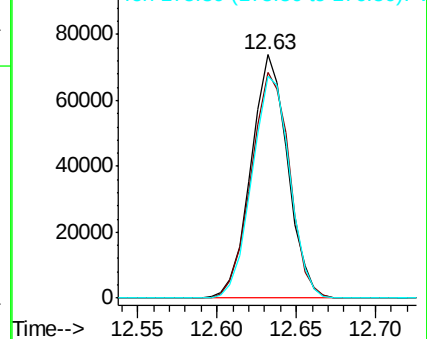
176 94.1 0.0 173.8

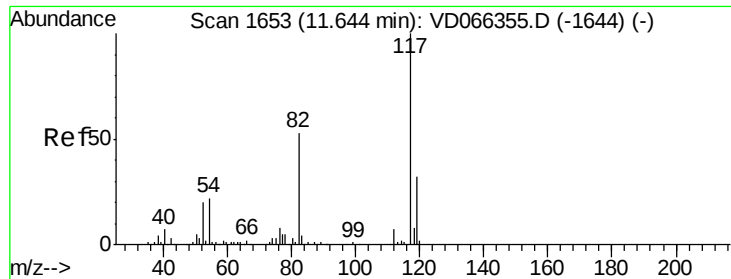


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

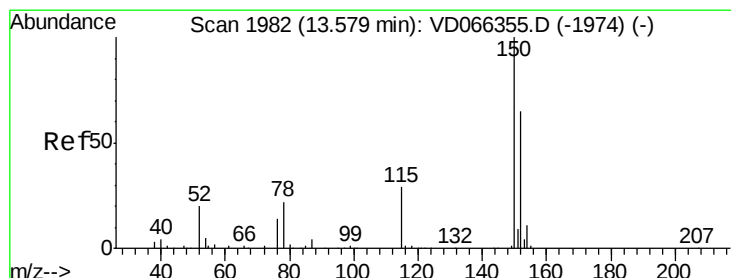
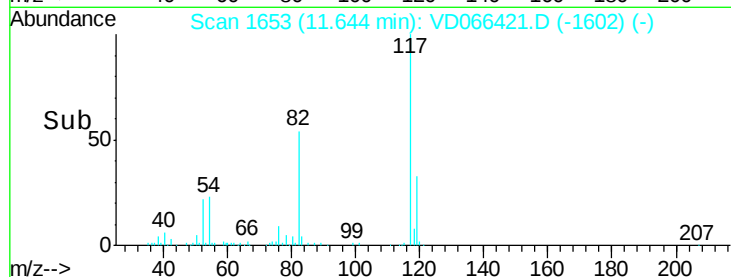
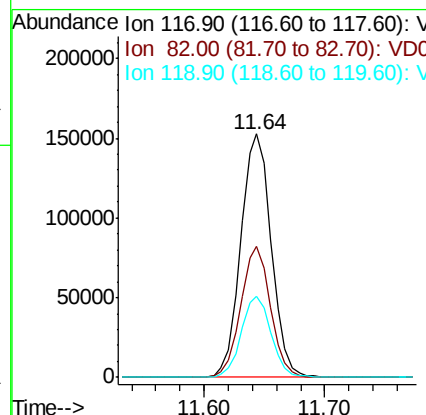
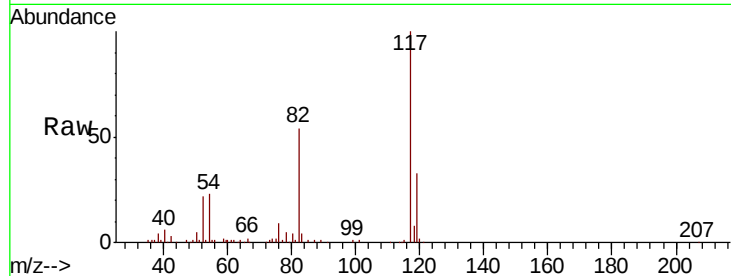




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066421.D
Acq: 26 Aug 2020 15:32

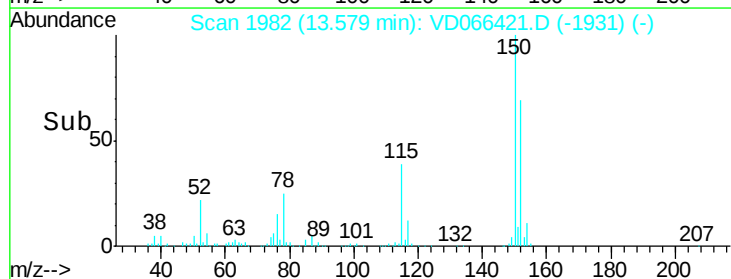
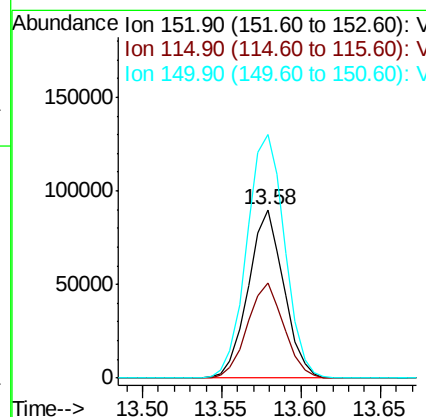
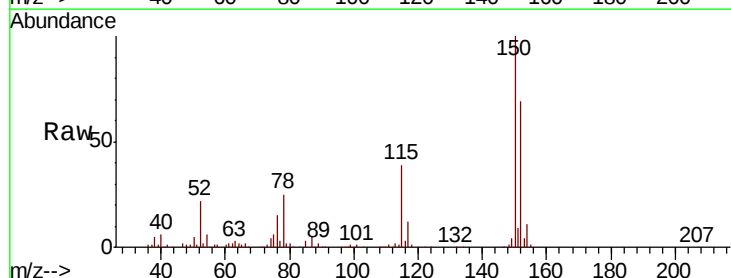
Instrument :
MSVOA_D
ClientSampleId :
TP-6

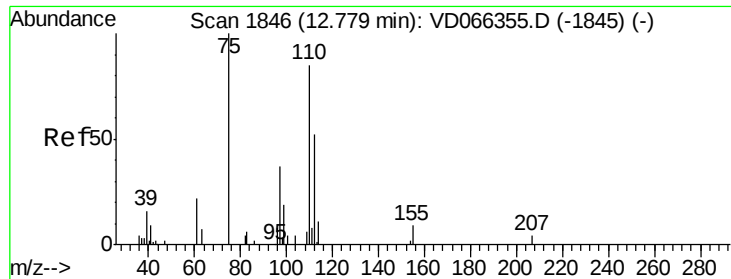
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.8	64.2
119	33.1	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066421.D
Acq: 26 Aug 2020 15:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.3	85.0
150	154.2	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 70.594 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066421.D

Acq: 26 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

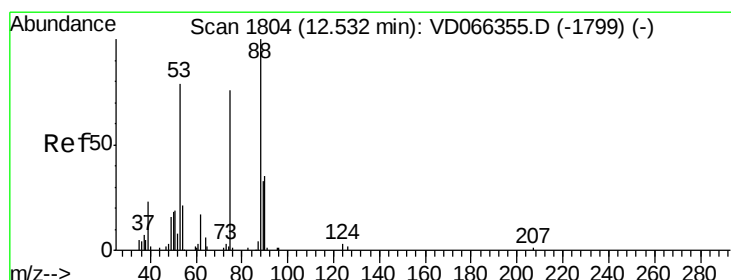
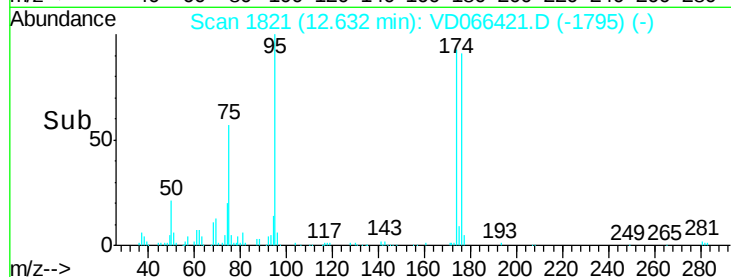
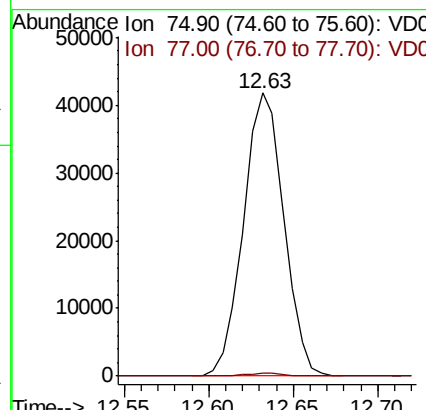
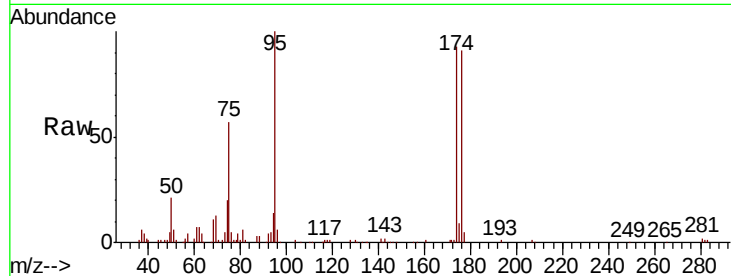
TP-6

Tot Ion: 75 Resp: 69621

Ion Ratio Lower Upper

75 100

77 0.8 182.9 548.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 149.849 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066421.D

Acq: 26 Aug 2020 15:32

Tgt Ion: 75 Resp: 69621

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#

