

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066471.D
 Acq On : 28 Aug 2020 20:26
 Operator : VA/SY
 Sample : L3833-01
 Misc : 7.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12018

Quant Time: Aug 29 00:48:19 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	202269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	287194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	273660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142950	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	107537	54.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.46%	
35) Dibromofluoromethane	7.91	113	87120	48.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.02%	
50) Toluene-d8	10.33	98	344710	52.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.63	95	122959	52.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.48%	

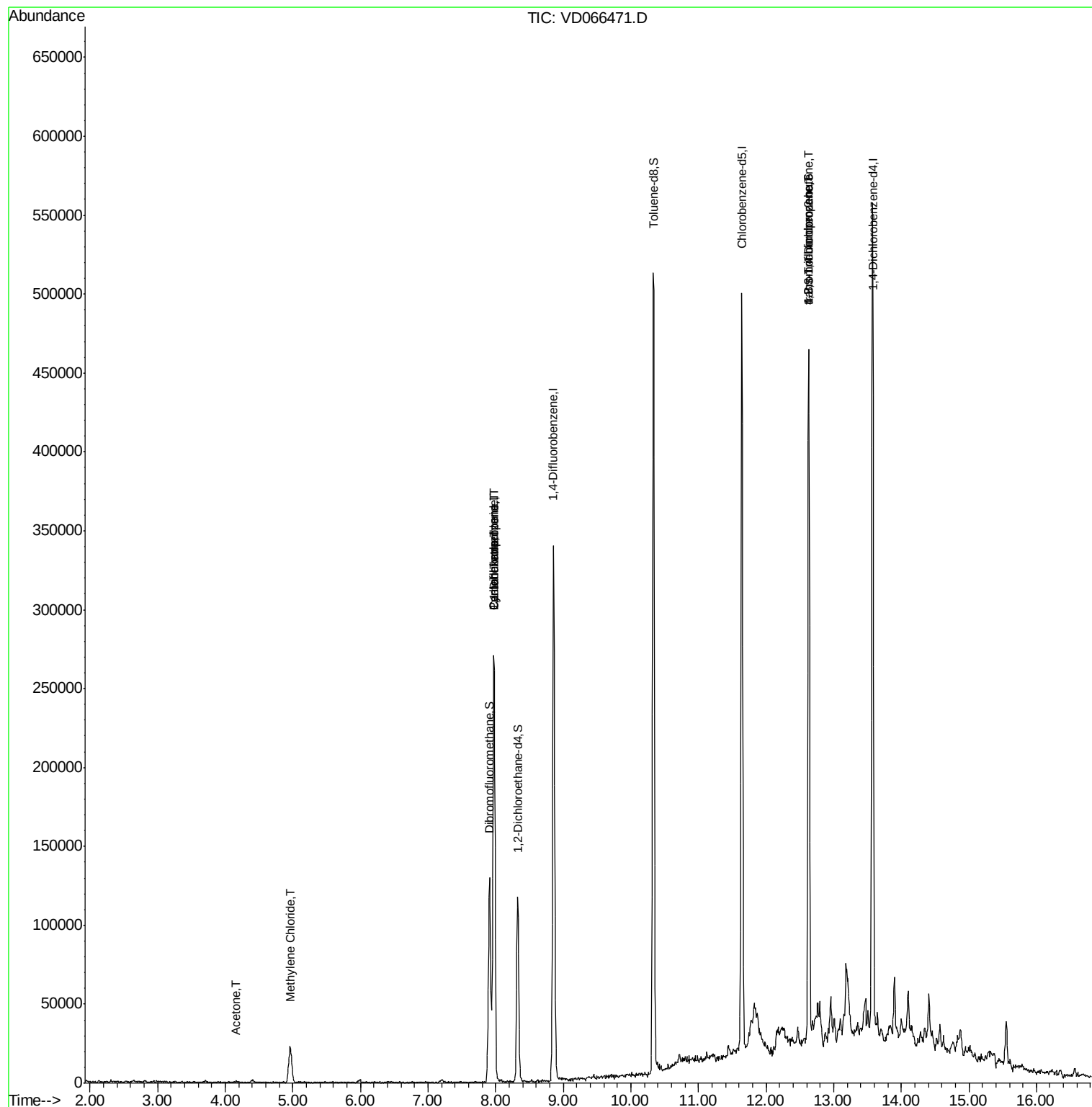
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	1441	4.031	ug/l #	46
20) Methylene Chloride	4.96	84	18445	3.804	ug/l	88
31) Cyclohexane	7.97	56	4331	1.573	ug/l #	25
36) 1,1-Dichloropropene	7.98	75	14057	5.364	ug/l #	51
38) Carbon Tetrachloride	7.98	117	21924	6.422	ug/l #	14
76) 1,2,3-Trichloropropane	12.63	75	73621	73.207	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	73621	155.394	ug/l #	6

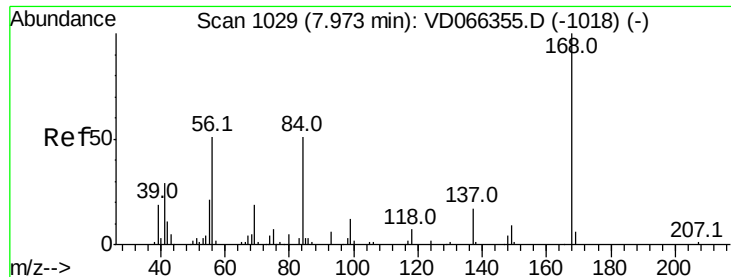
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD066471.D
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Quant Time: Aug 29 00:48:19 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: VD066471.D

Acq: 28 Aug 2020 20:26

Instrument :

MSVOA_D

ClientSampleId :

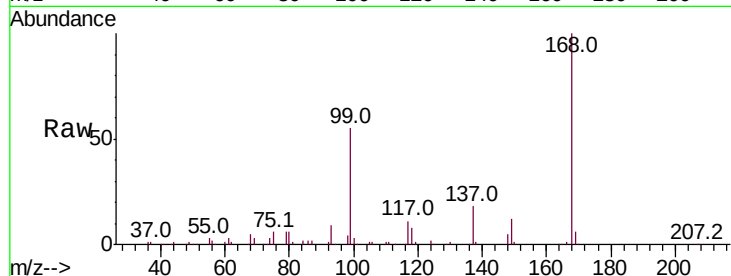
12018

Tot Ion:168 Resp: 202269

Ion Ratio Lower Upper

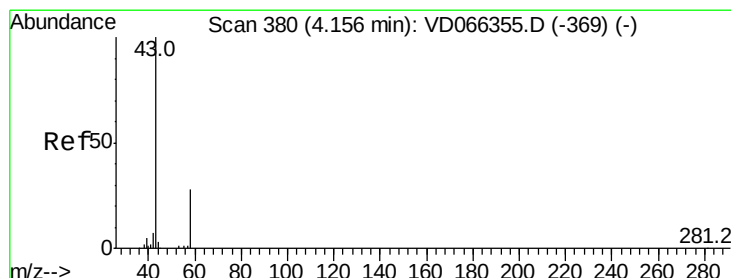
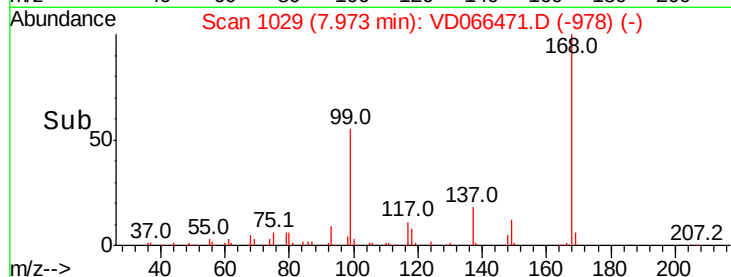
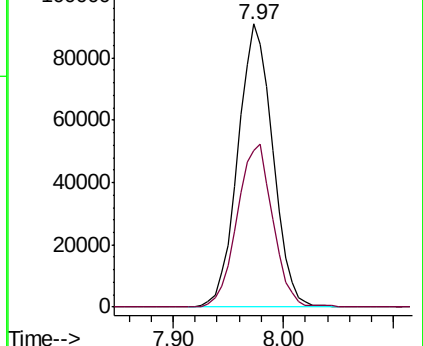
168 100

99 55.2 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: 4.031 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066471.D

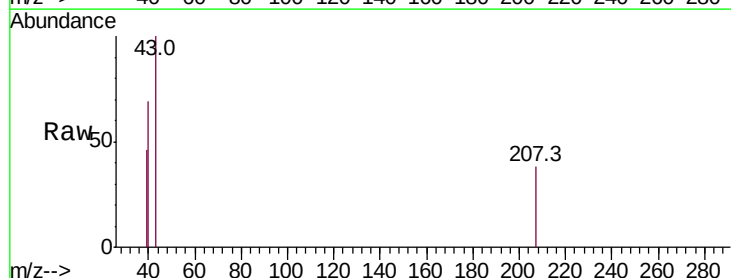
Acq: 28 Aug 2020 20:26

Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

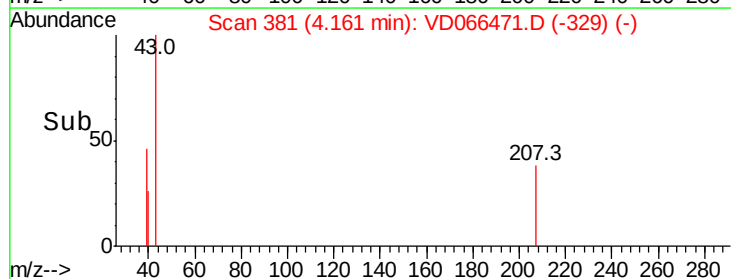
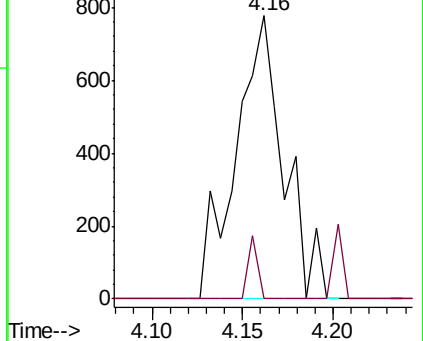
43 100

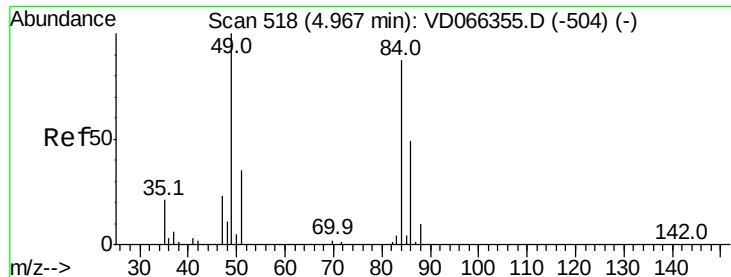
58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

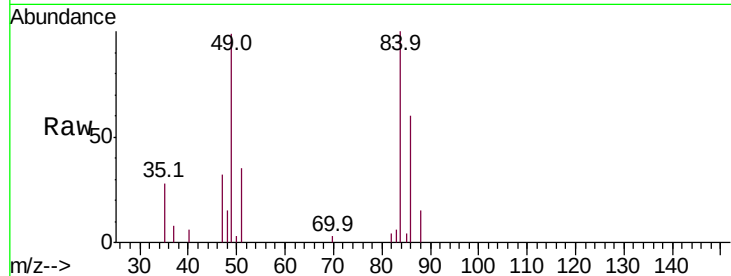




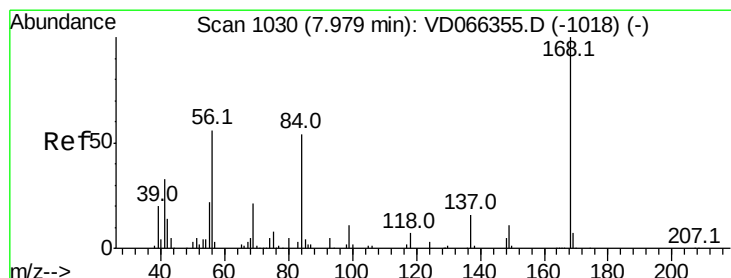
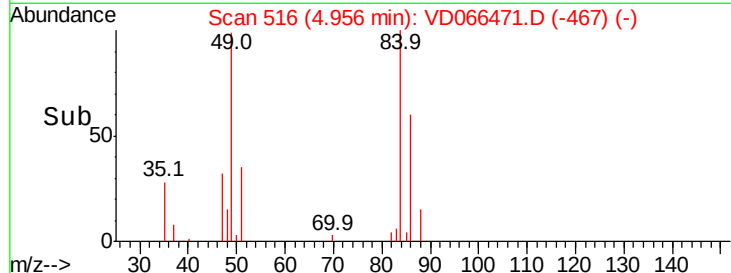
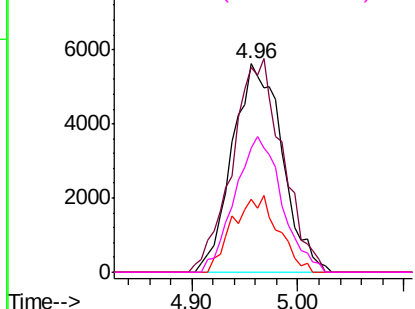
#20
Methylene Chloride
Concen: 3.804 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

Instrument :
MSVOA_D
ClientSampled :
12018

Tot Ion: 84 Resp: 18445
Ion Ratio Lower Upper
84 100
49 98.6 92.5 138.7
51 35.0 32.5 48.7
86 59.9 45.0 67.6

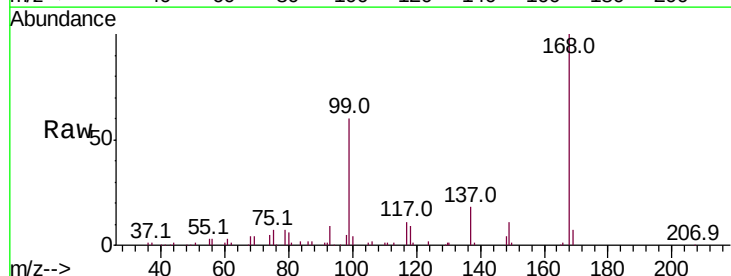


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

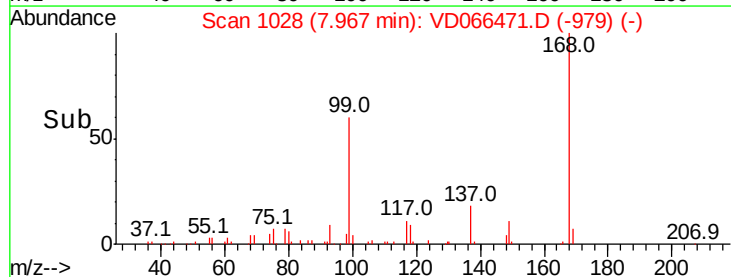
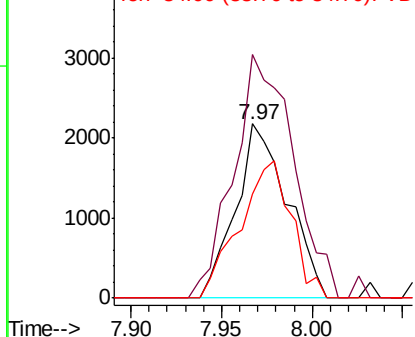


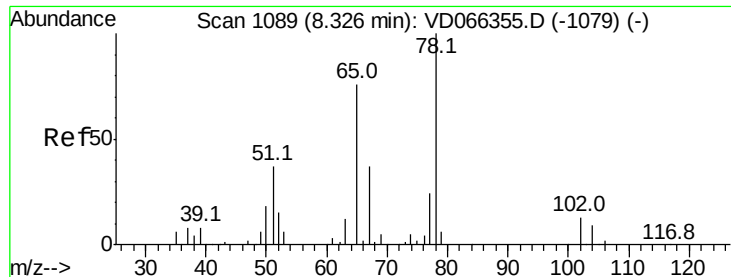
#31
Cyclohexane
Concen: 1.573 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

Tgt Ion: 56 Resp: 4331
Ion Ratio Lower Upper
56 100
69 139.8 29.6 44.4#
84 59.8 76.6 115.0#



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

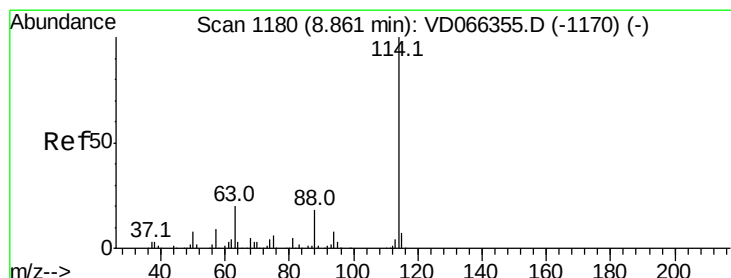
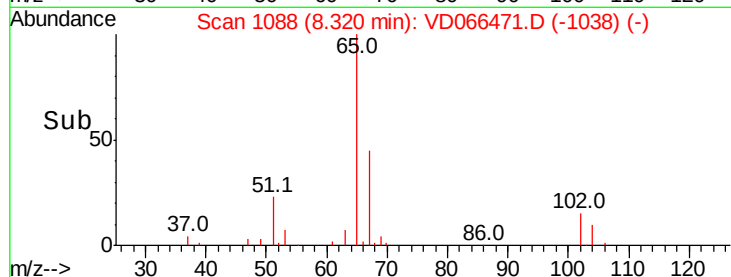
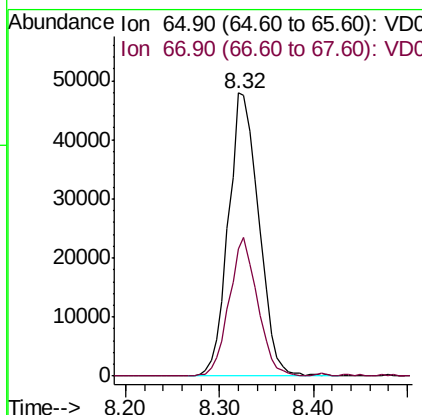
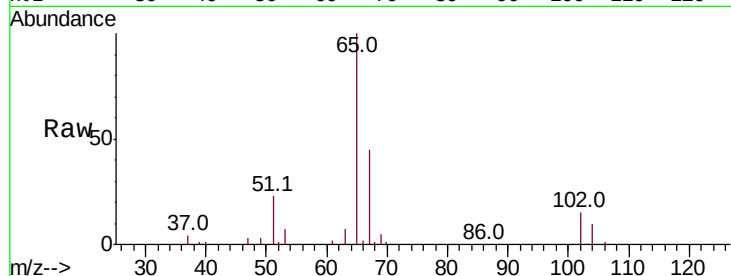




#33
 1,2-Dichloroethane-d4
 Concen: 54.228 ug/l
 RT: 8.32 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VD066471.D
 Acq: 28 Aug 2020 20:26

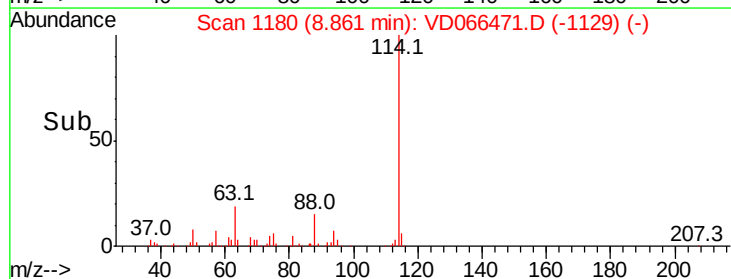
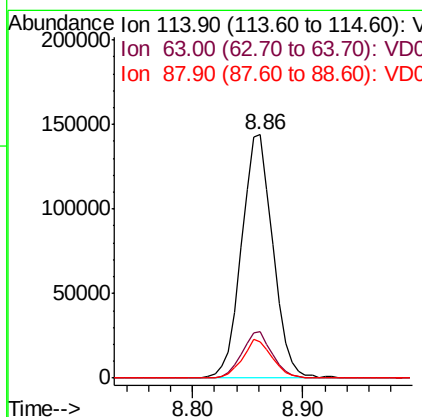
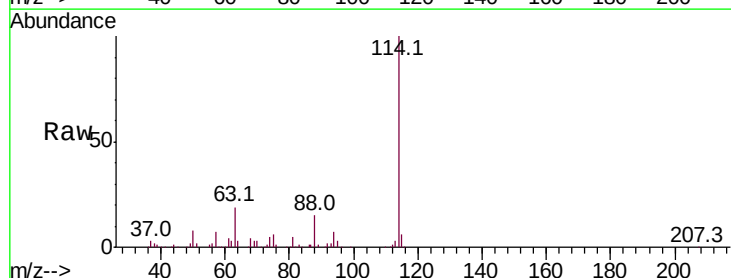
Instrument :
 MSVOA_D
 ClientSampled :
 12018

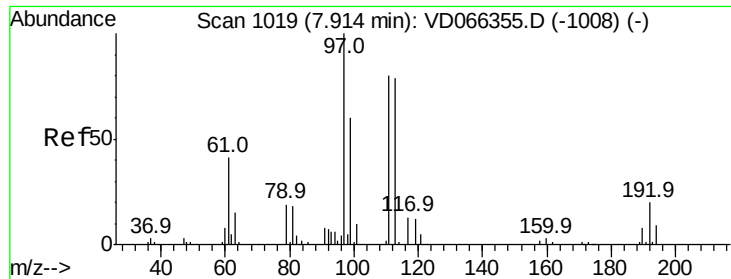
Tot Ion: 65 Resp: 107537
 Ion Ratio Lower Upper
 65 100
 67 45.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066471.D
 Acq: 28 Aug 2020 20:26

Tgt Ion: 114 Resp: 287194
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.8
 88 14.9 0.0 35.4

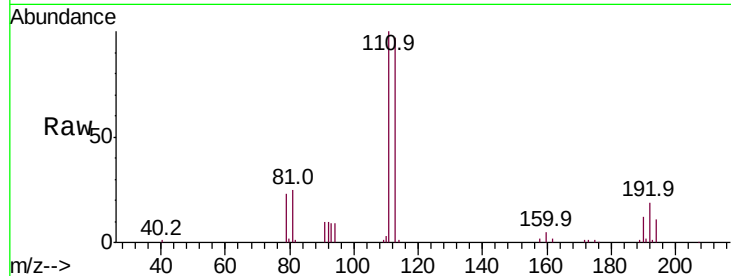




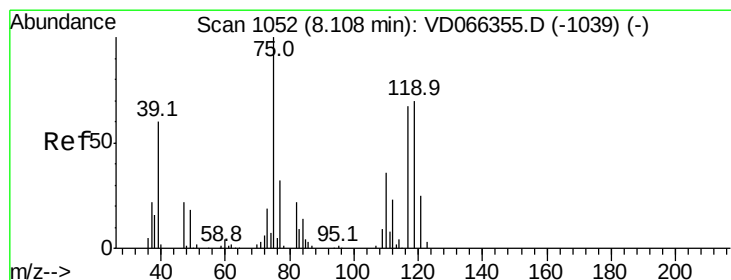
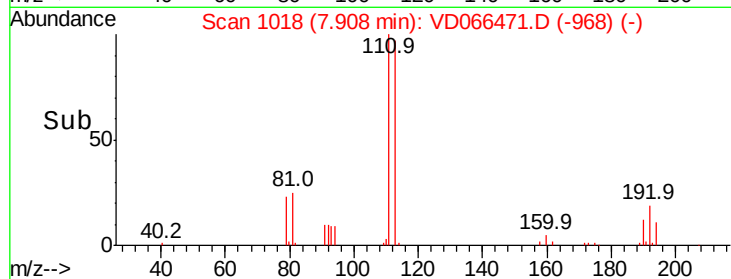
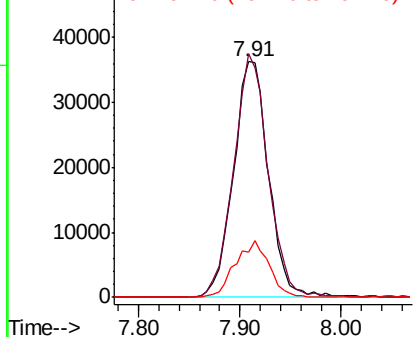
#35
 Dibromofluoromethane
 Concen: 48.512 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066471.D
 Acq: 28 Aug 2020 20:26

Instrument :
 MSVOA_D
 ClientSampleID :
 12018

Tot Ion:113 Resp: 87120
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.3 120.5
 192 23.4 19.0 28.6

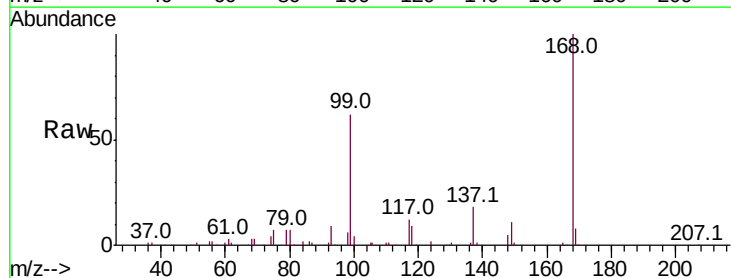


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

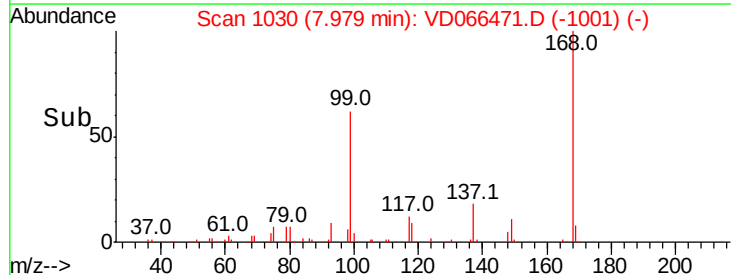
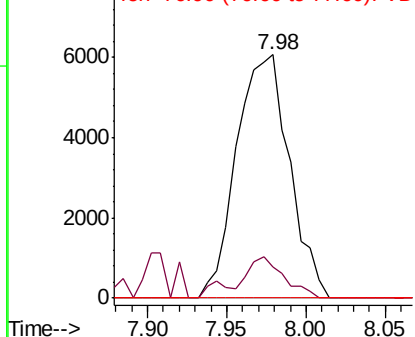


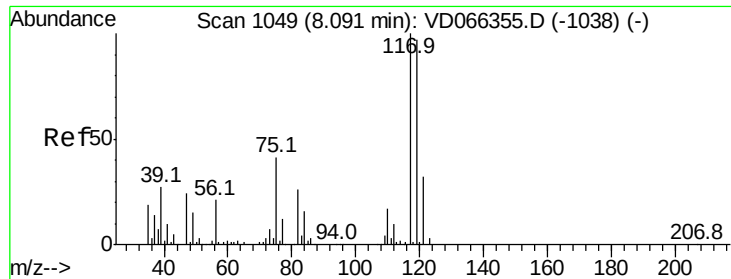
#36
 1,1-Dichloropropene
 Concen: 5.364 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066471.D
 Acq: 28 Aug 2020 20:26

Tgt Ion: 75 Resp: 14057
 Ion Ratio Lower Upper
 75 100
 110 11.5 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: 6.422 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066471.D

Acq: 28 Aug 2020 20:26

Instrument :

MSVOA_D

ClientSampleId :

12018

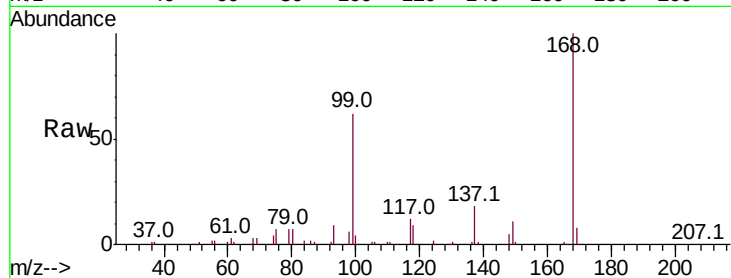
Tot Ion:117 Resp: 21924

Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

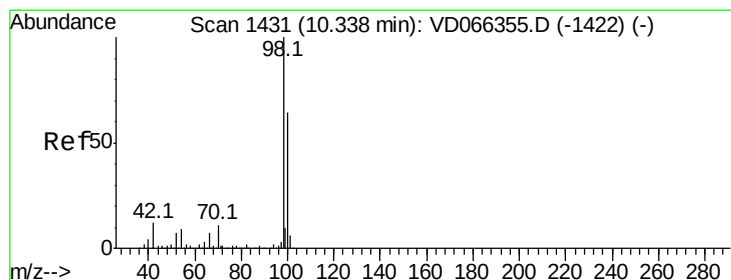
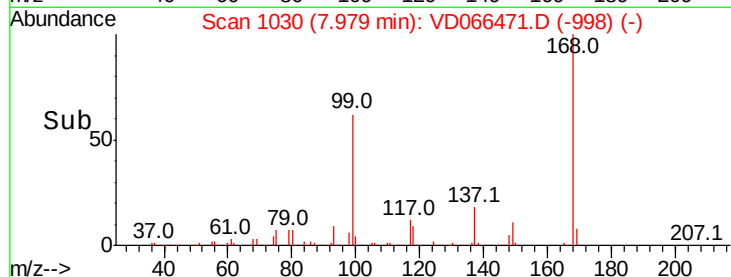
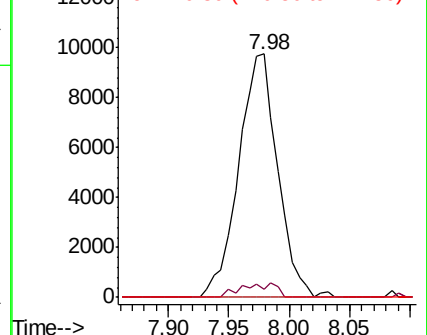
121 0.0 25.8 38.8#



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: 52.461 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066471.D

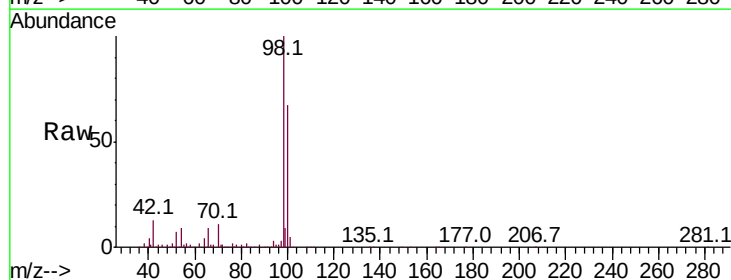
Acq: 28 Aug 2020 20:26

Tgt Ion: 98 Resp: 344710

Ion Ratio Lower Upper

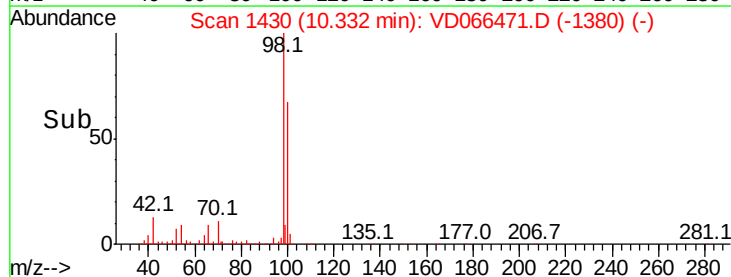
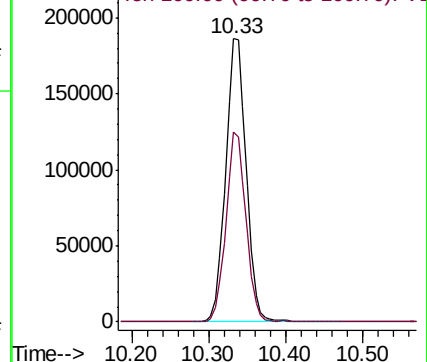
98 100

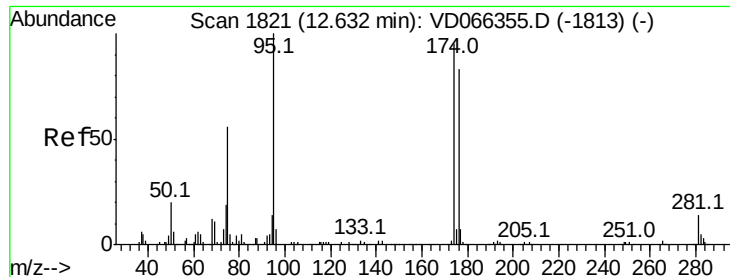
100 64.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

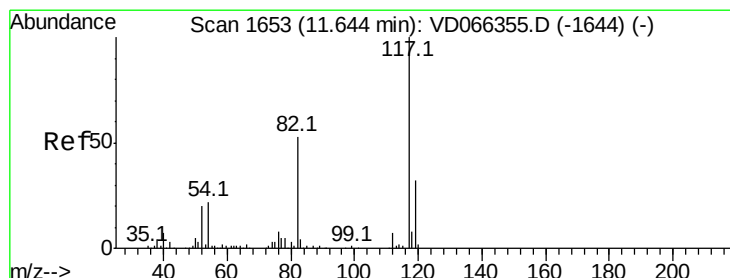
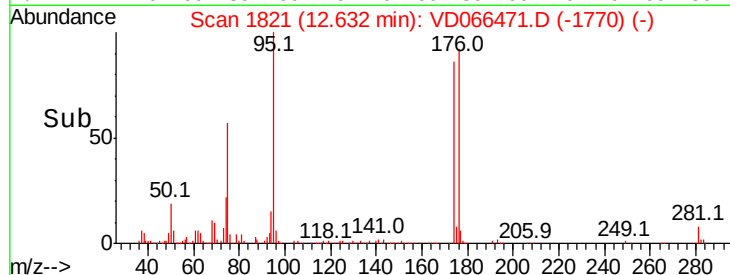
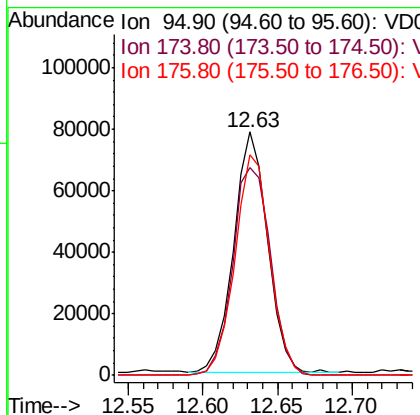
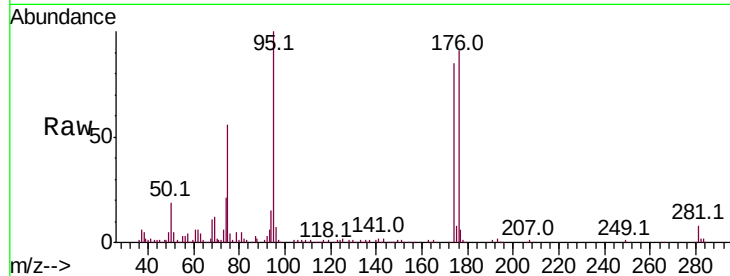




#62
4-Bromofluorobenzene
Concen: 52.736 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

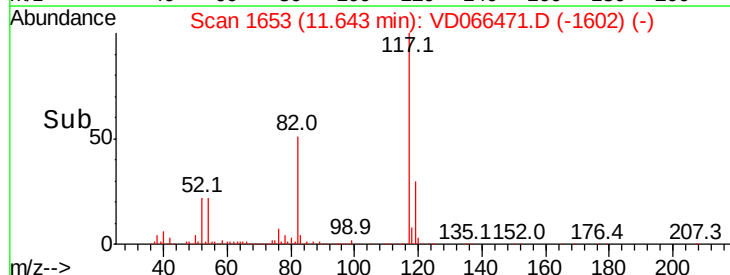
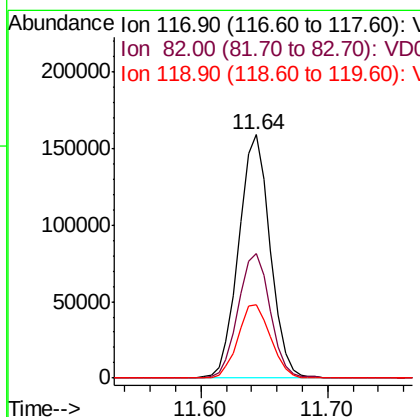
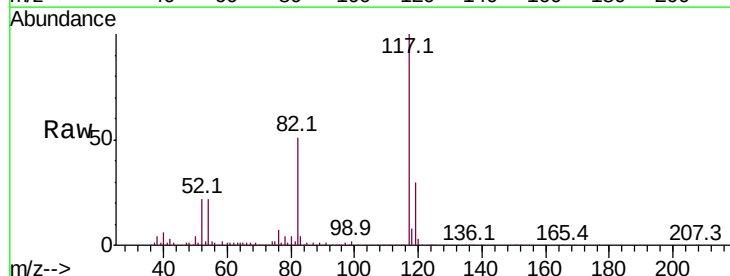
Instrument :
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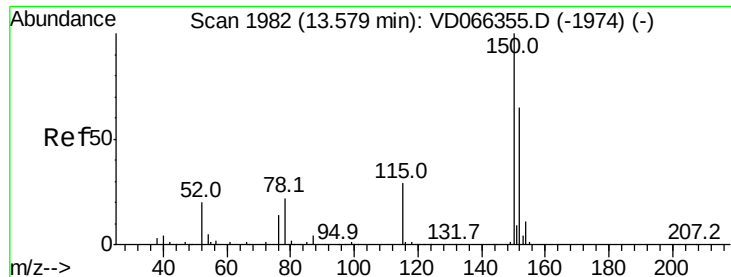
Tot Ion: 95 Resp: 122959
Ion Ratio Lower Upper
95 100
174 97.0 0.0 183.4
176 94.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

Tgt Ion: 117 Resp: 273660
Ion Ratio Lower Upper
117 100
82 50.7 42.8 64.2
119 30.2 25.8 38.8



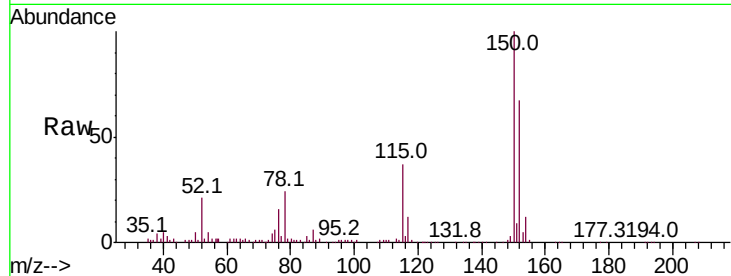


#72

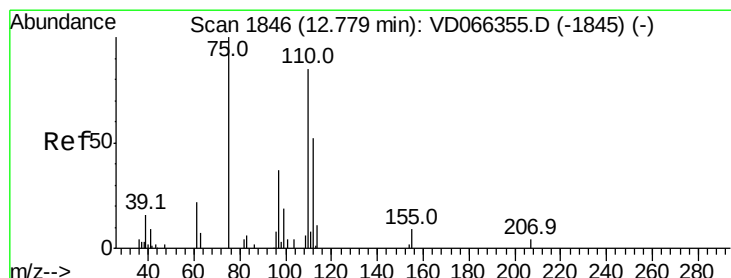
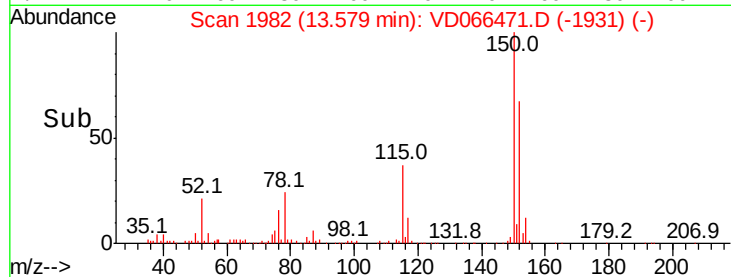
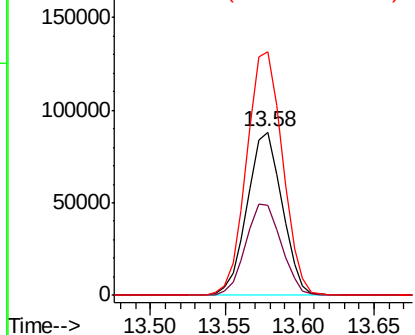
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

Instrument :
MSVOA_D
ClientSampleId :
12018

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.3	85.0
150	153.4	0.0	343.2



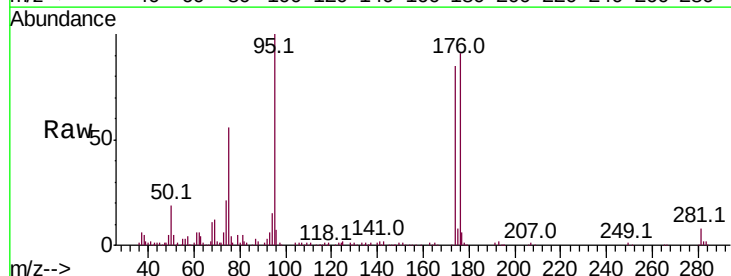
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



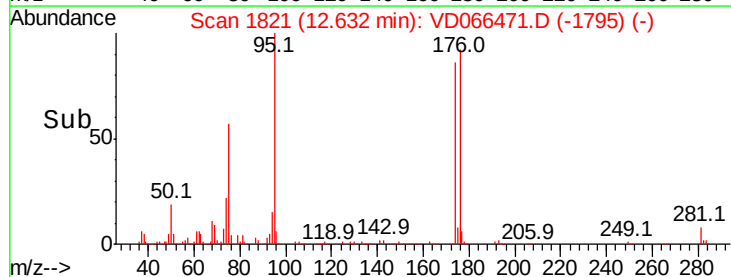
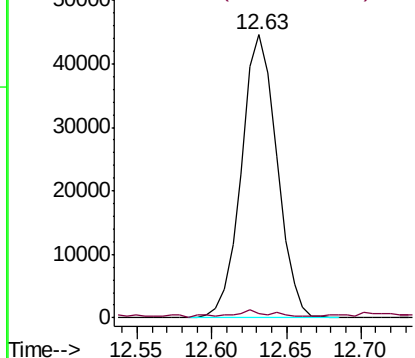
#76

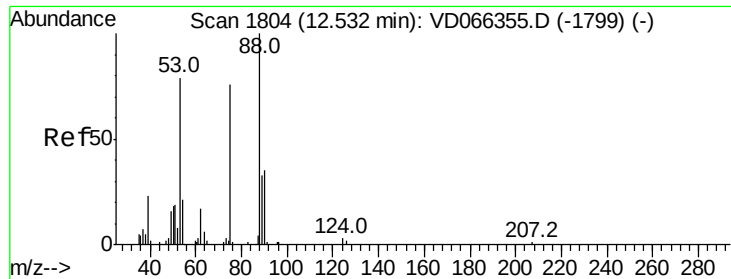
1,2,3-Trichloropropane
Concen: 73.207 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.8	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: 155.394 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066471.D
 Acq: 28 Aug 2020 20:26

Instrument :
 MSVOA_D
 ClientSampleId :
 12018

Tot Ion: 75 Resp: 73621
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.4 131.2#
 89 0.1 39.4 59.0#

