

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066772.D
 Acq On : 18 Sep 2020 17:59
 Operator : VA/SY
 Sample : L4073-02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 H-1A

Quant Time: Sep 19 03:16:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	376540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	684452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	648215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282358	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	225980	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
35) Dibromofluoromethane	7.91	113	218683	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
50) Toluene-d8	10.34	98	849967	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
62) 4-Bromofluorobenzene	12.63	95	272661	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	

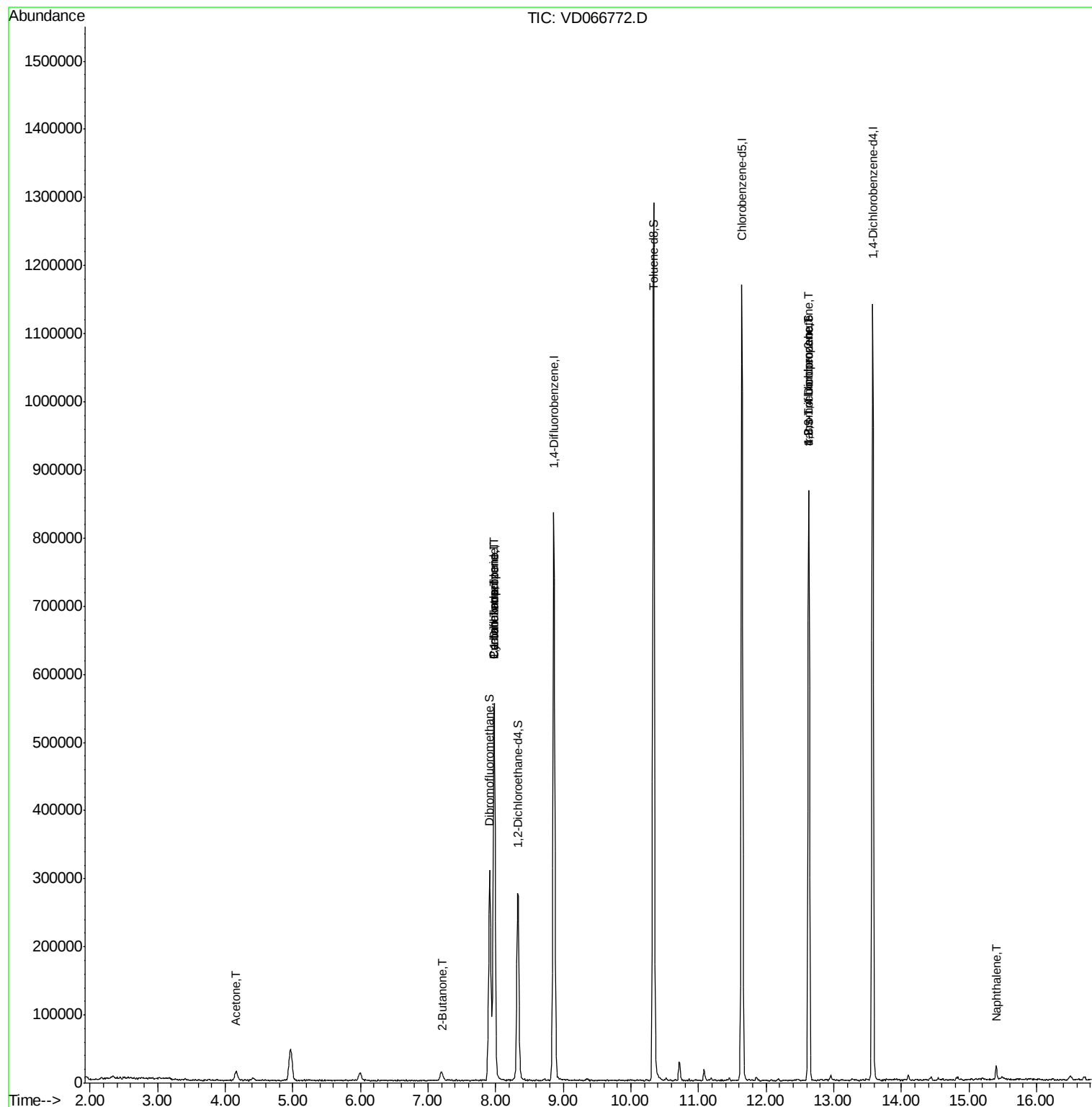
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	189	Below Cal	#	43
11) Tert butyl alcohol	5.20	59	286	Below Cal	#	76
16) Acetone	4.16	43	26814	32.776	ug/l #	89
18) Methyl Acetate	4.82	43	71	Below Cal	#	52
25) 2-Butanone	7.22	43	2628	2.467	ug/l #	49
31) Cyclohexane	7.98	56	10005	1.410	ug/l #	33
36) 1,1-Dichloropropene	7.98	75	33885	4.815	ug/l #	50
38) Carbon Tetrachloride	7.98	117	44208	5.916	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	149841	61.998	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	149841	133.802	ug/l #	8
95) Naphthalene	15.40	128	15621	1.851	ug/l	97

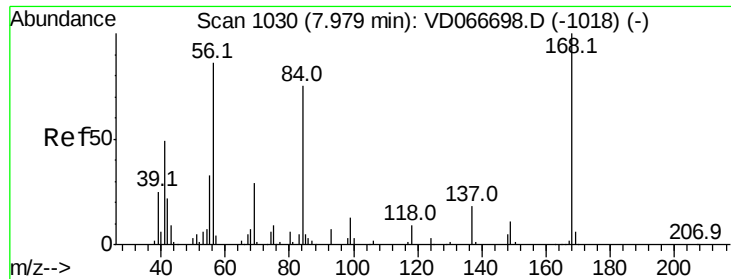
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091820\
Data File : VD066772.D
Acq On : 18 Sep 2020 17:59
Operator : VA/SY
Sample : L4073-02
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
H-1A

Quant Time: Sep 19 03:16:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066772.D

Acq: 18 Sep 2020 17:59

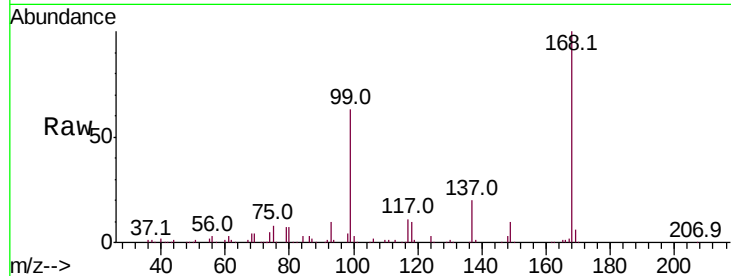
Instrument :
MSVOA_D
ClientSampled :
H-1A

Tot Ion:168 Resp: 376540

Ion Ratio Lower Upper

168 100

99 63.1 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

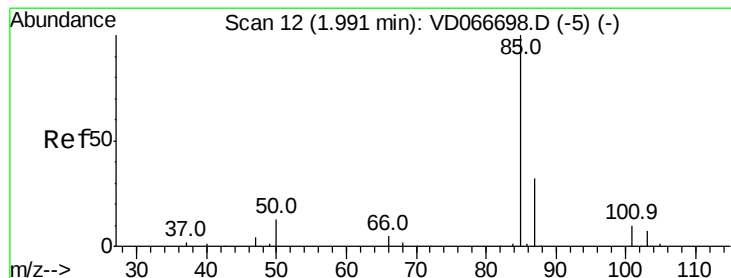
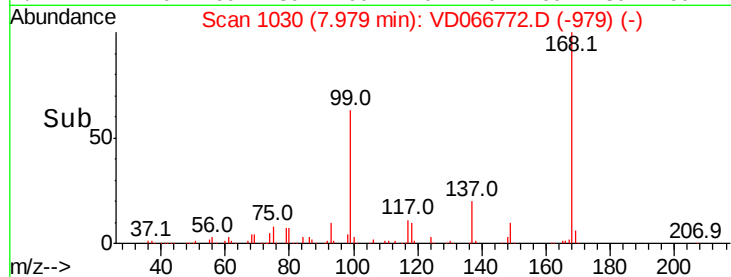
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066772.D

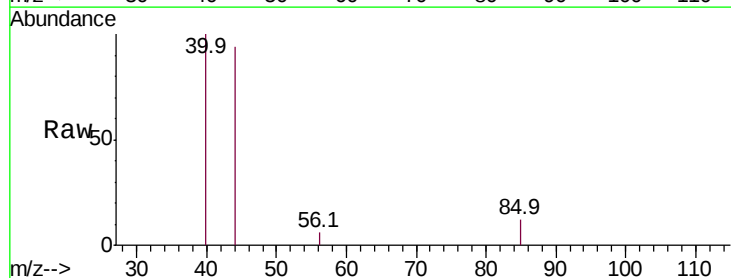
Acq: 18 Sep 2020 17:59

Tgt Ion: 85 Resp: 189

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

300

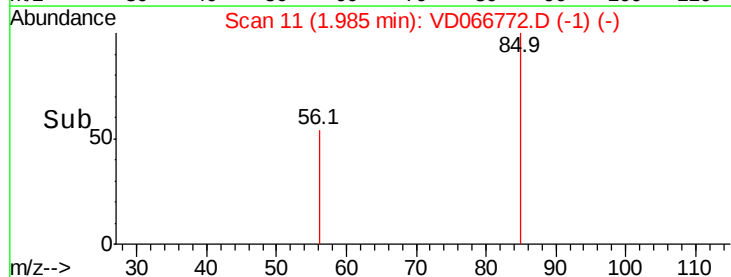
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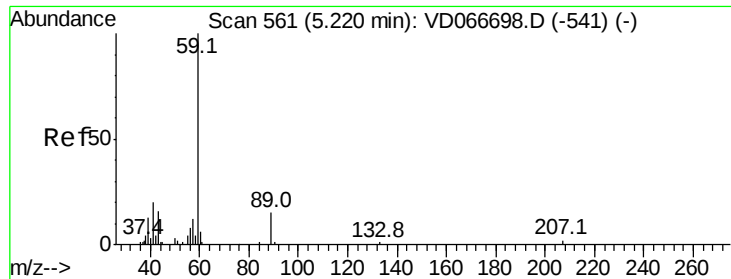
100

0

Time-->

1.96 1.98 2.00



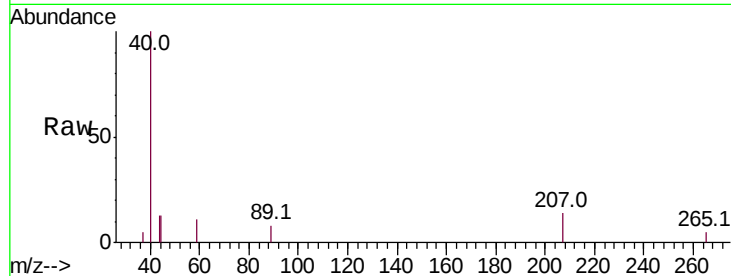


#11

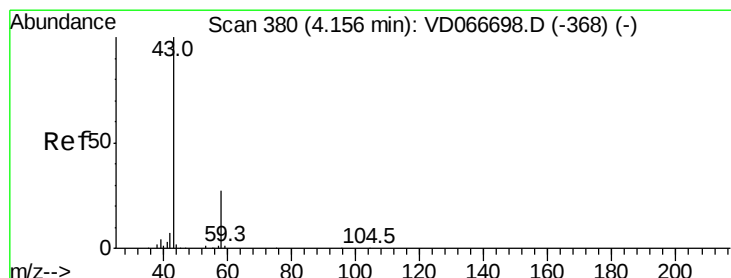
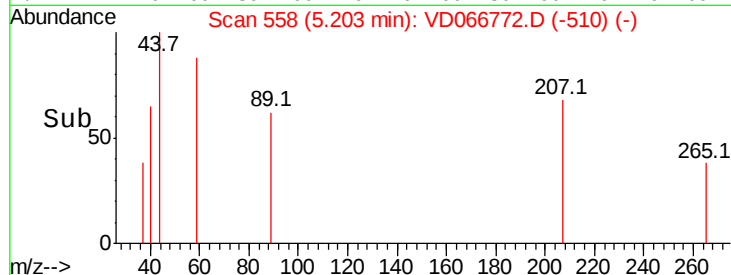
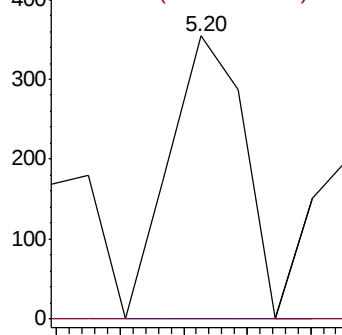
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 H-1A

Tot Ion: 59 Resp: 286
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#



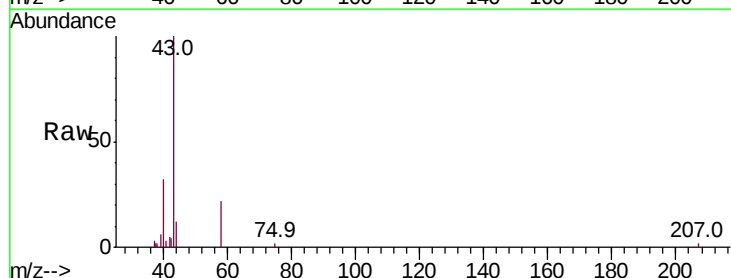
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



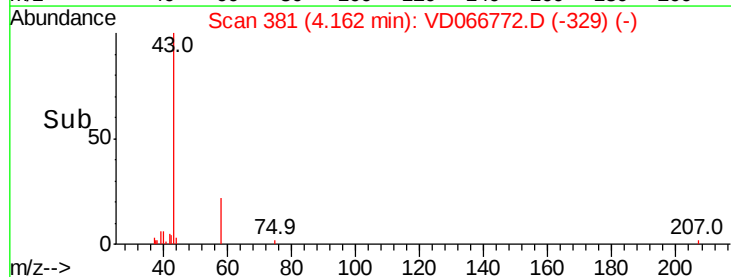
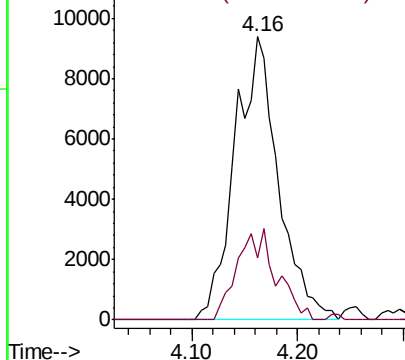
#16

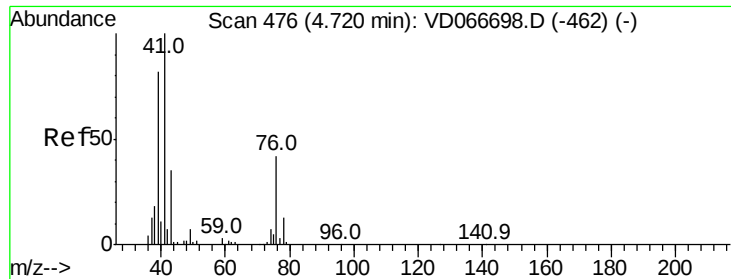
Acetone
 Concen: 32.776 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

Tgt Ion: 43 Resp: 26814
 Ion Ratio Lower Upper
 43 100
 58 21.7 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

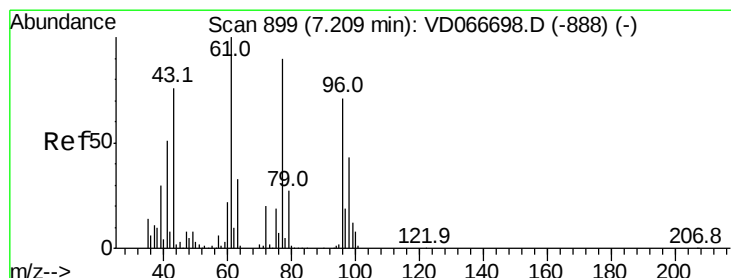
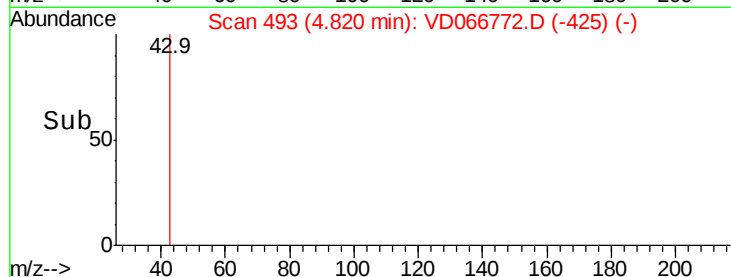
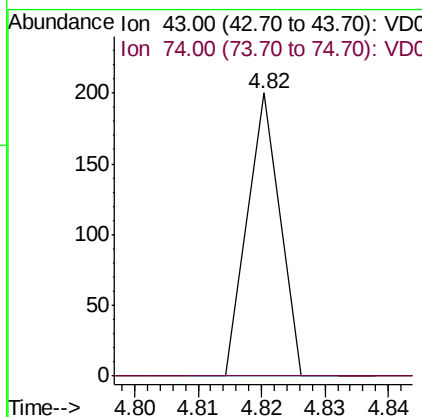
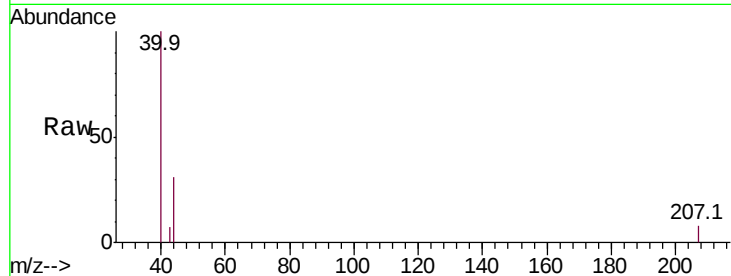




#18
Methyl Acetate
Concen: Below Cal
RT: 4.82 min Scan# 493
Delta R.T. 0.10 min
Lab File: VD066772.D
Acq: 18 Sep 2020 17:59

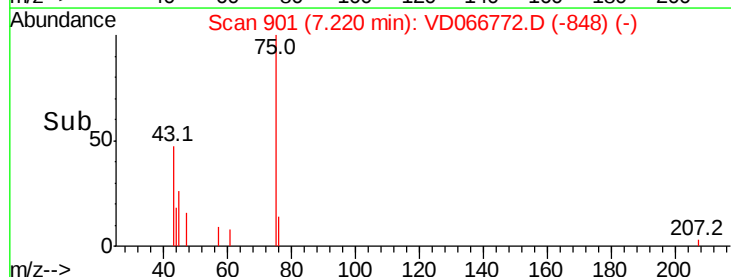
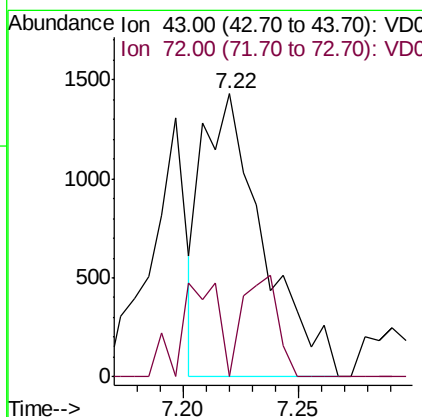
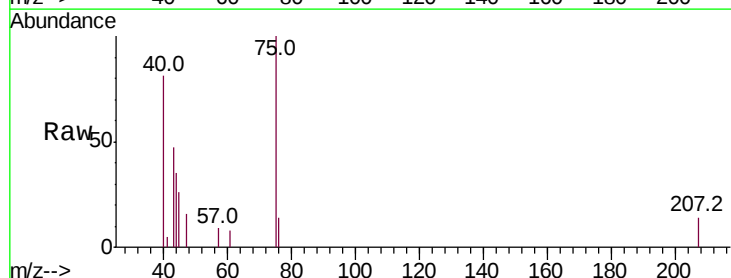
Instrument :
MSVOA_D
ClientSampleId :
H-1A

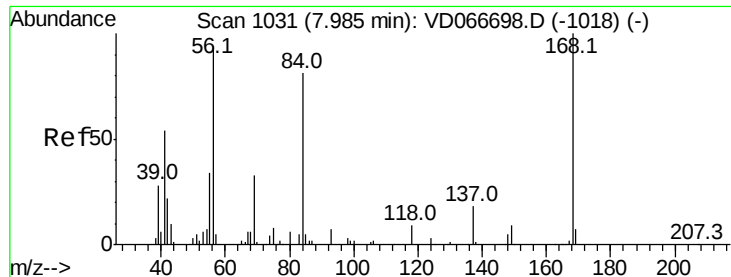
Tot Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#25
2-Butanone
Concen: 2.467 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD066772.D
Acq: 18 Sep 2020 17:59

Tgt Ion: 43 Resp: 2628
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#

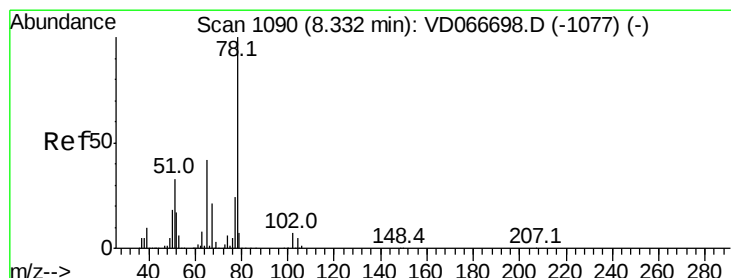
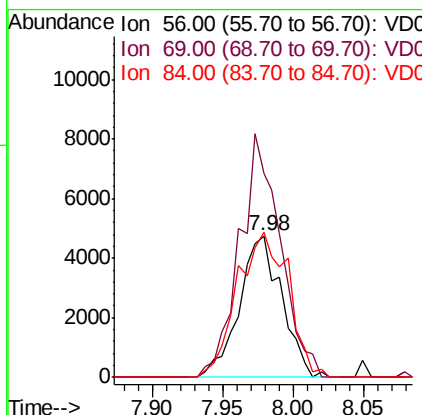
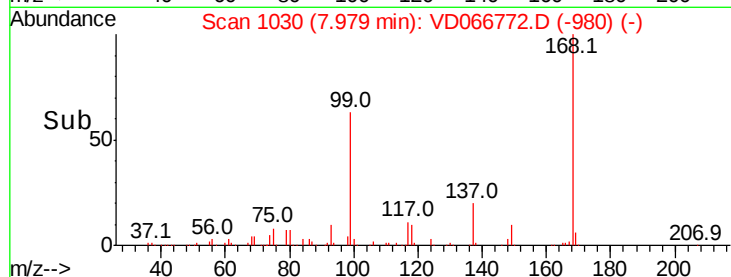
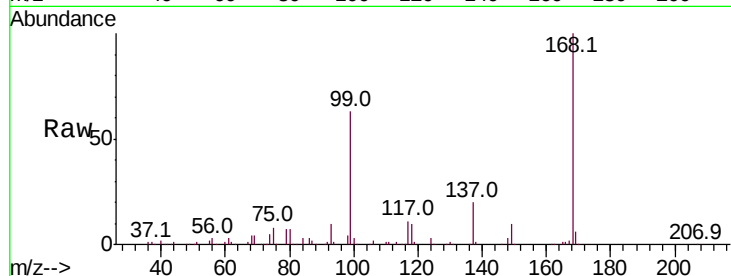




#31
Cyclohexane
Concen: 1.410 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066772.D
Acq: 18 Sep 2020 17:59

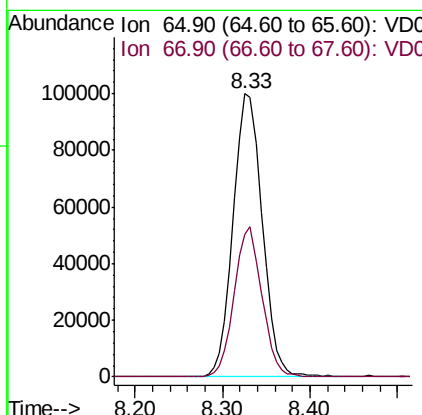
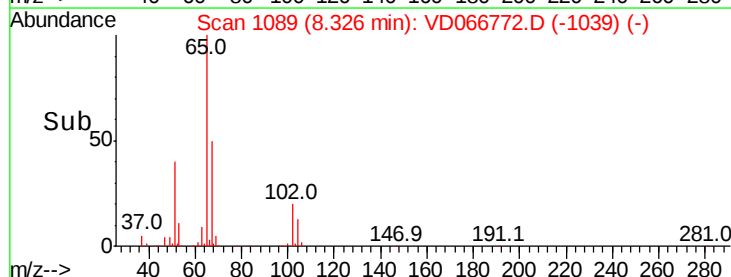
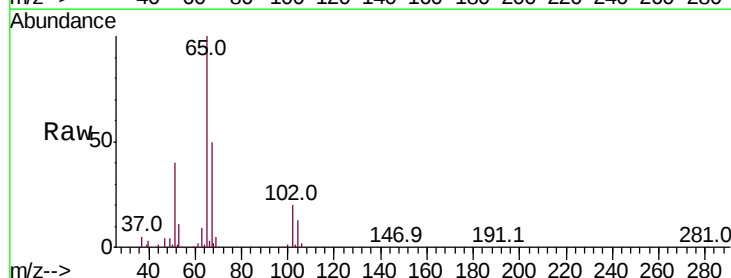
Instrument :
MSVOA_D
ClientSampleId :
H-1A

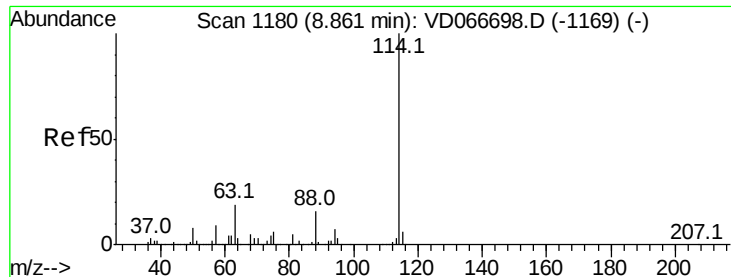
Tot Ion: 56 Resp: 10005
Ion Ratio Lower Upper
56 100
69 143.9 27.7 41.5#
84 102.1 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 56.250 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066772.D
Acq: 18 Sep 2020 17:59

Tgt Ion: 65 Resp: 225980
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.2

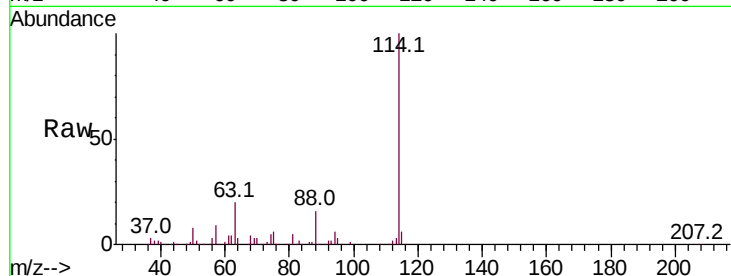




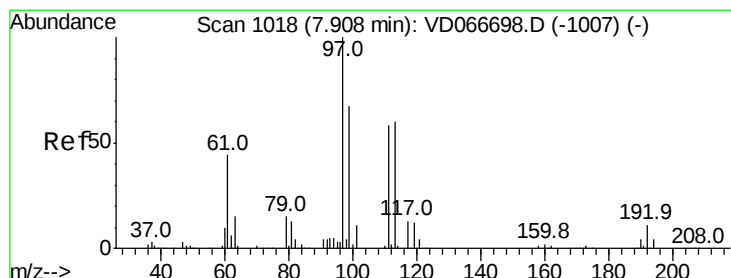
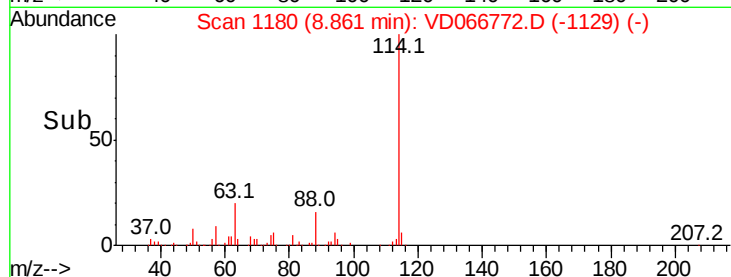
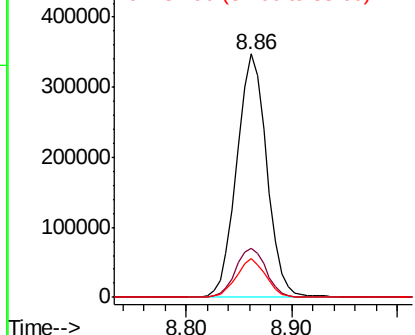
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 H-1A

Tot Ion:114 Resp: 684452
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.6
 88 16.1 0.0 32.2

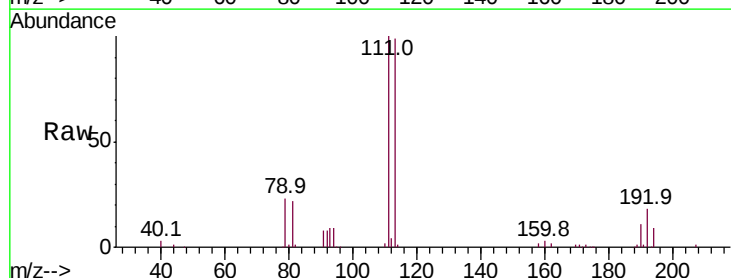


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

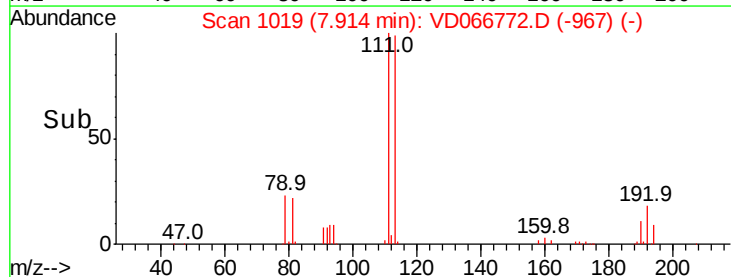
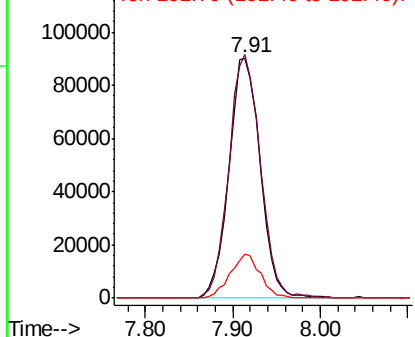


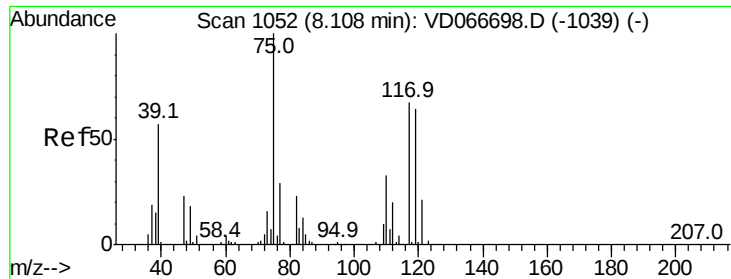
#35
 Dibromofluoromethane
 Concen: 52.113 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

Tgt Ion:113 Resp: 218683
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.2 124.8
 192 17.7 14.8 22.2



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

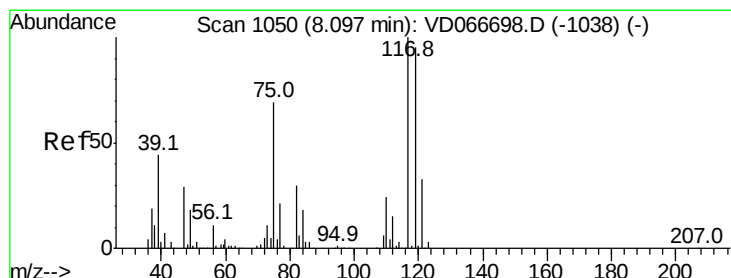
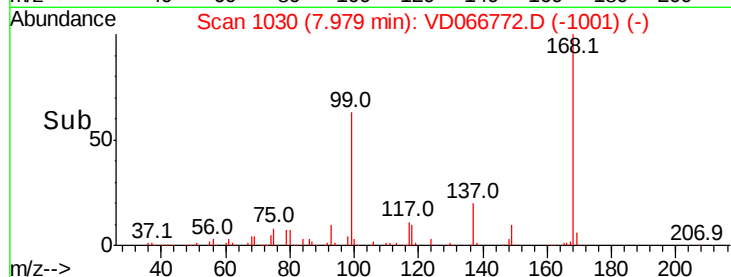
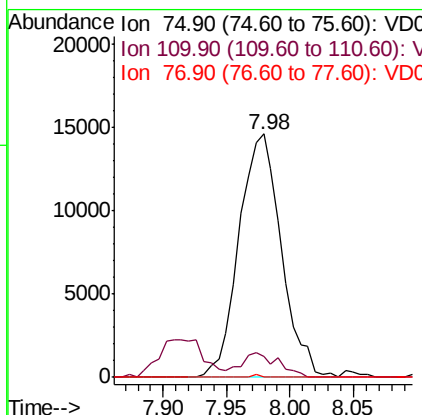
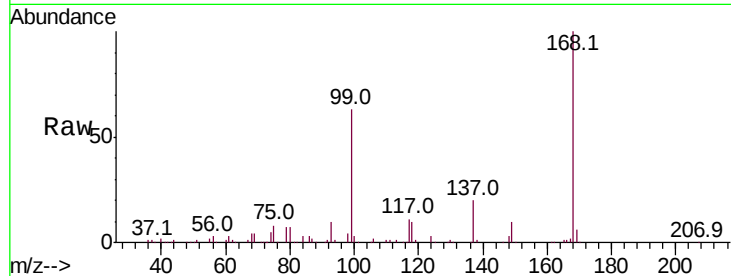




#36
 1,1-Dichloropropene
 Concen: 4.815 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

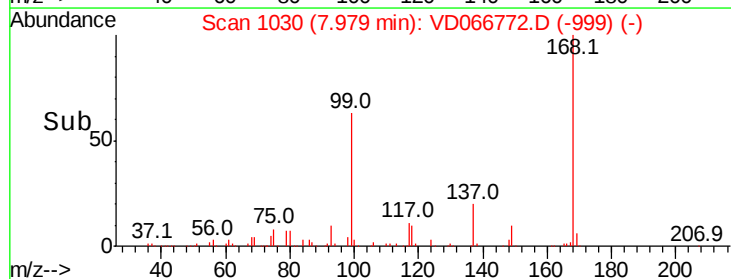
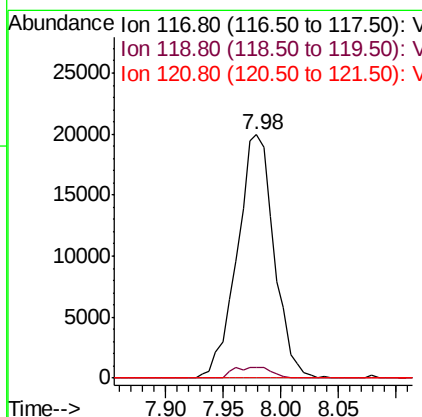
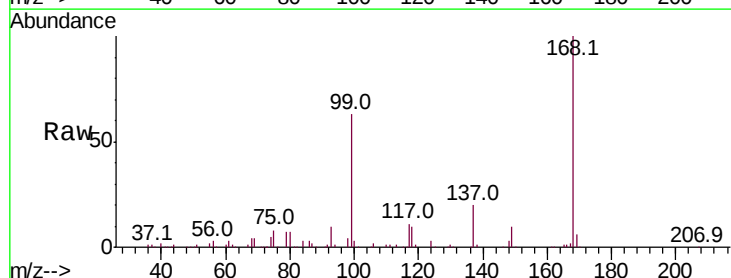
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 MSVOA_D
 ClientSampleId :
 H-1A

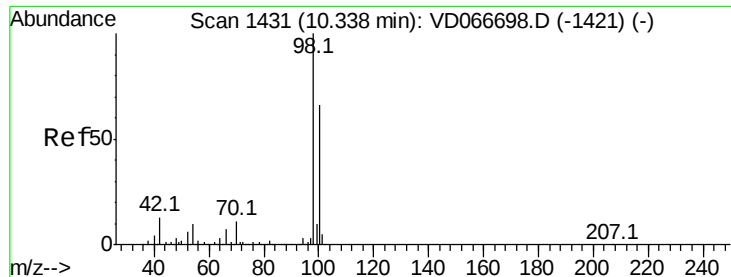
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.2	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.916 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.8	113.6#
121	0.0	26.2	39.4#





#50

Toluene-d8

Concen: 56.852 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066772.D

Acq: 18 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

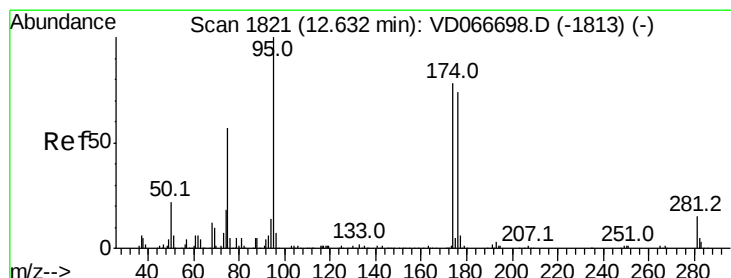
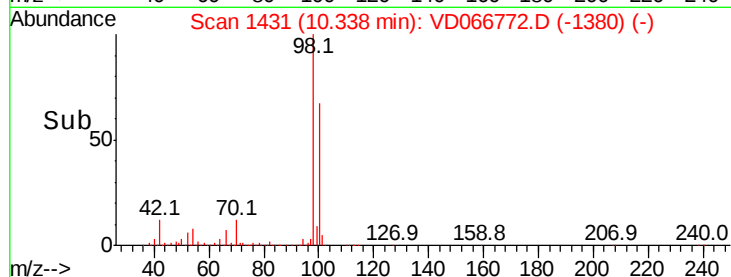
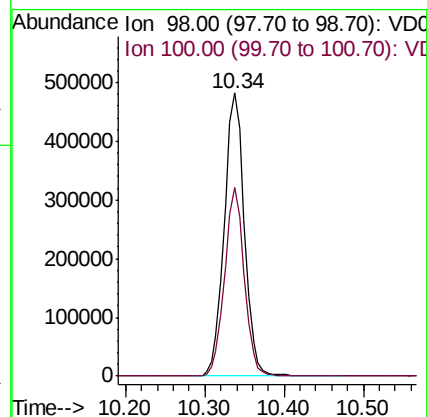
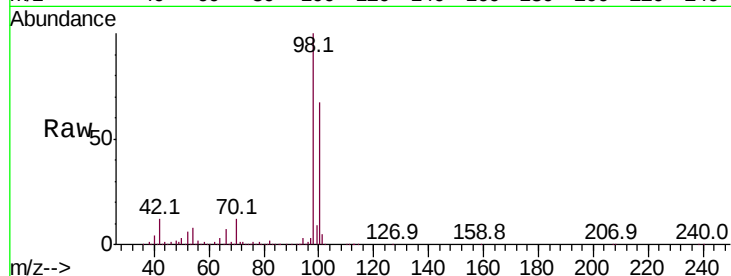
H-1A

Tot Ion: 98 Resp: 849967

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 52.834 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066772.D

Acq: 18 Sep 2020 17:59

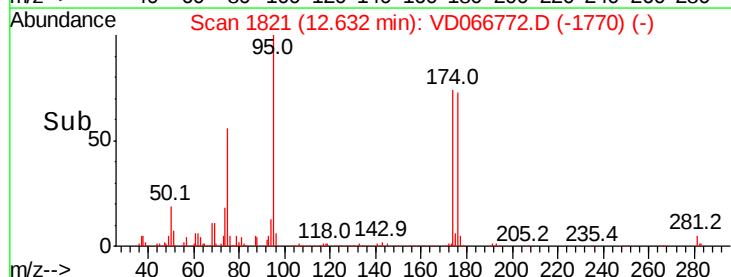
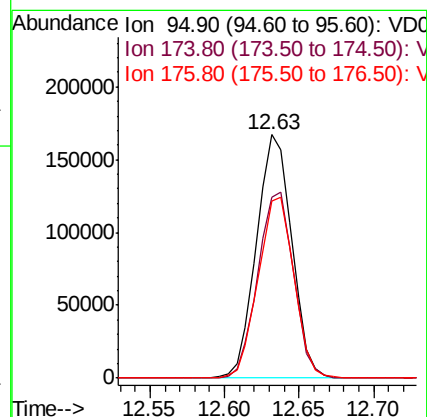
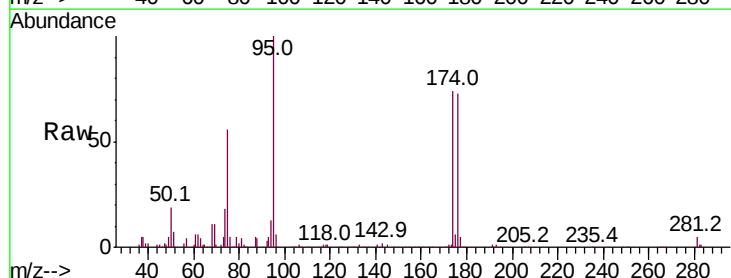
Tgt Ion: 95 Resp: 272661

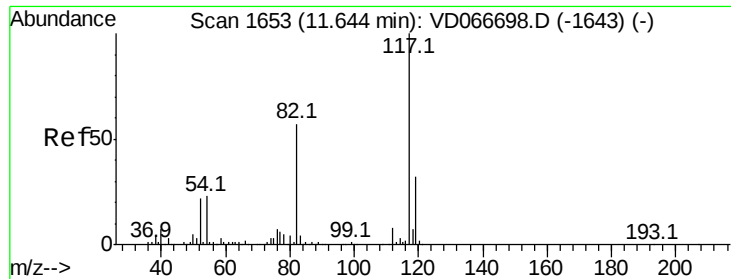
Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.6

176 75.5 0.0 150.2

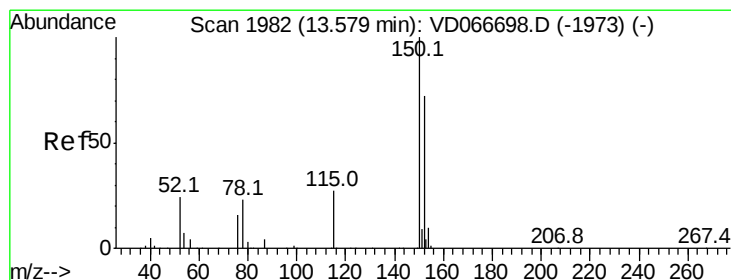
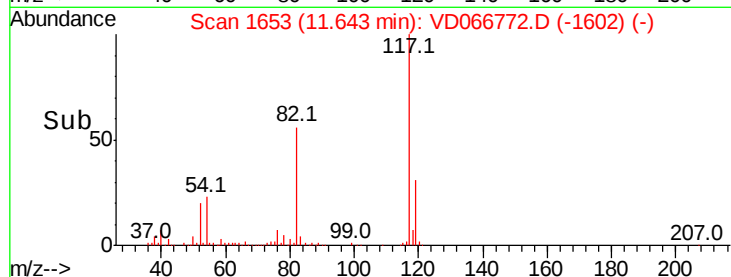
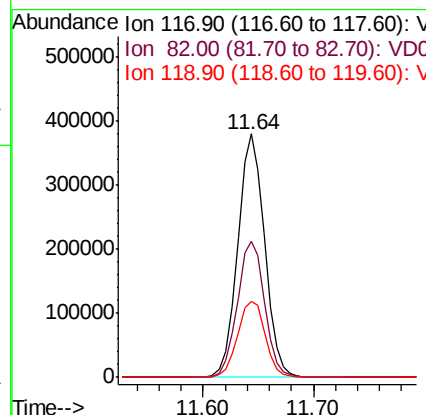
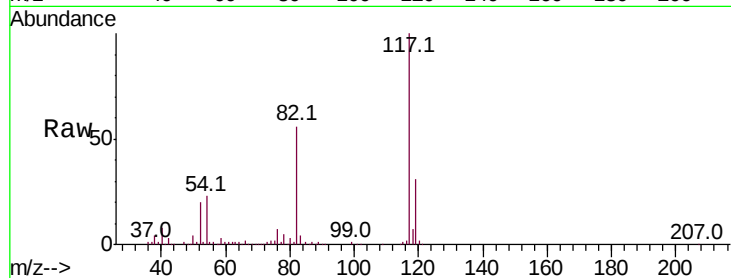




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066772.D
Acq: 18 Sep 2020 17:59

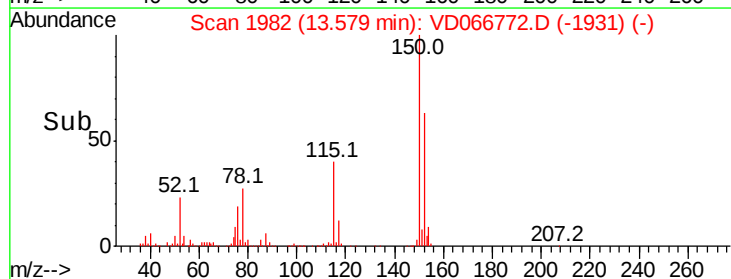
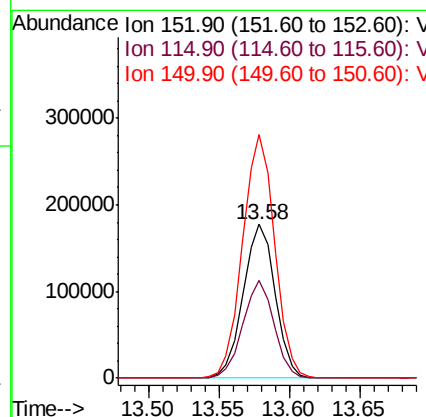
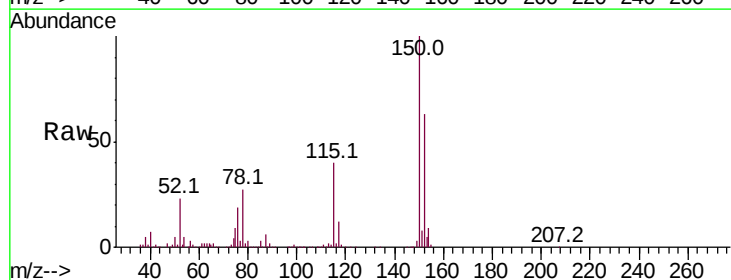
Instrument :
MSVOA_D
ClientSampleId :
H-1A

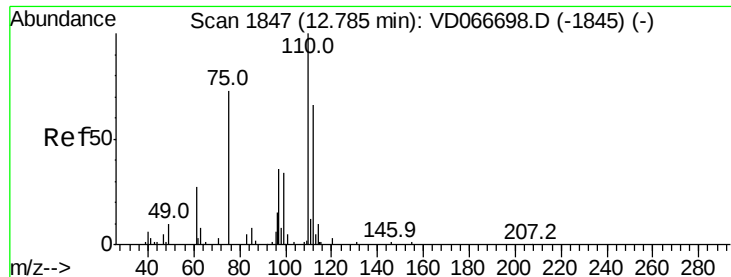
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.4	68.0
119	31.1	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066772.D
Acq: 18 Sep 2020 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.5	91.5
150	158.2	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 61.998 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066772.D

Acq: 18 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampled :

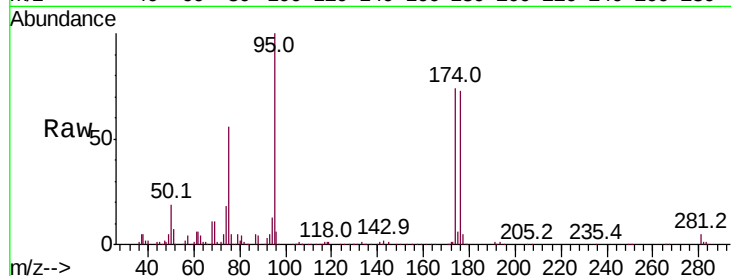
H-1A

Tot Ion: 75 Resp: 149841

Ion Ratio Lower Upper

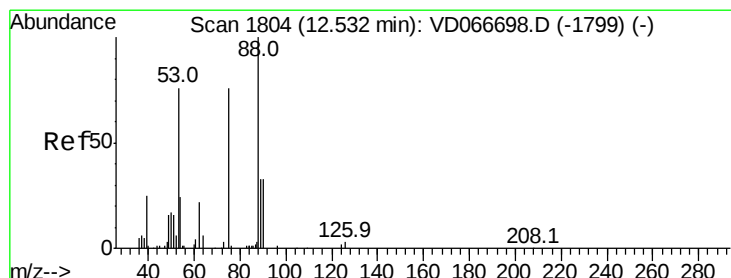
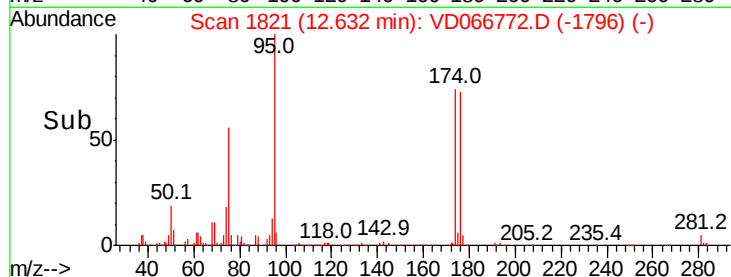
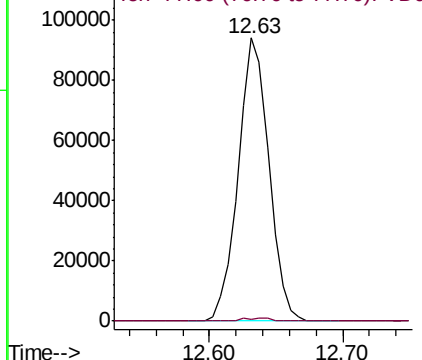
75 100

77 1.2 0.0 0.0#



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: 133.802 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066772.D

Acq: 18 Sep 2020 17:59

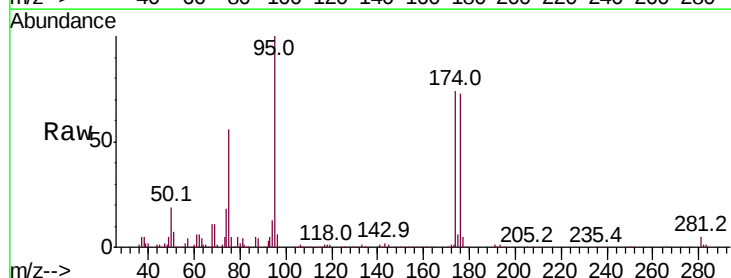
Tgt Ion: 75 Resp: 149841

Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.4#

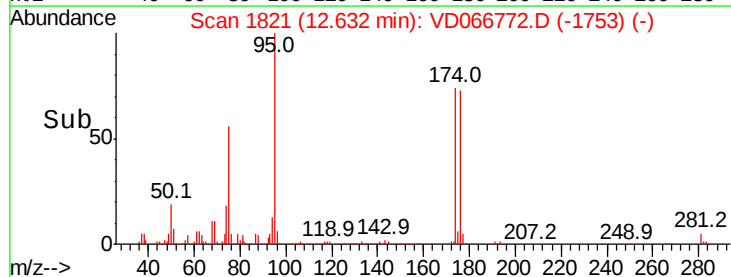
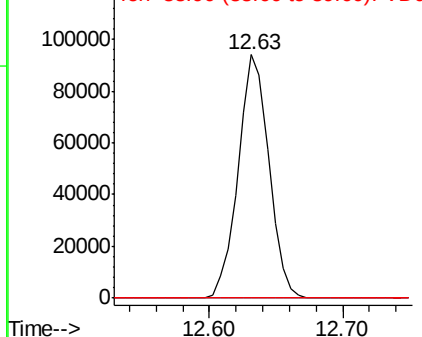
89 0.0 39.6 59.4#

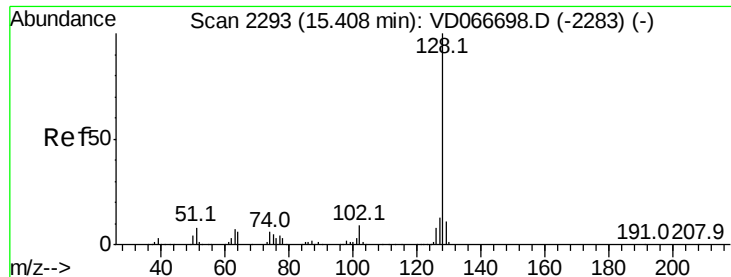


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#95

Naphthalene

Concen: 1.851 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066772.D

Acq: 18 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

H-1A

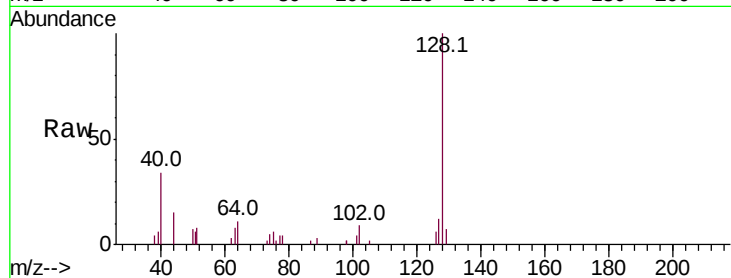
Tot Ion:128 Resp: 15621

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 11.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

