

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066171.D
 Acq On : 10 Aug 2020 18:21
 Operator : VA/SY
 Sample : L3623-03
 Misc : 4.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STP-7A

Quant Time: Aug 11 04:36:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	251592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	428994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	493203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	273604	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	119020	53.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.06%	
35) Dibromofluoromethane	7.91	113	132850	48.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.76%	
50) Toluene-d8	10.34	98	530423	52.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.63	95	237140	65.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	131.20%	

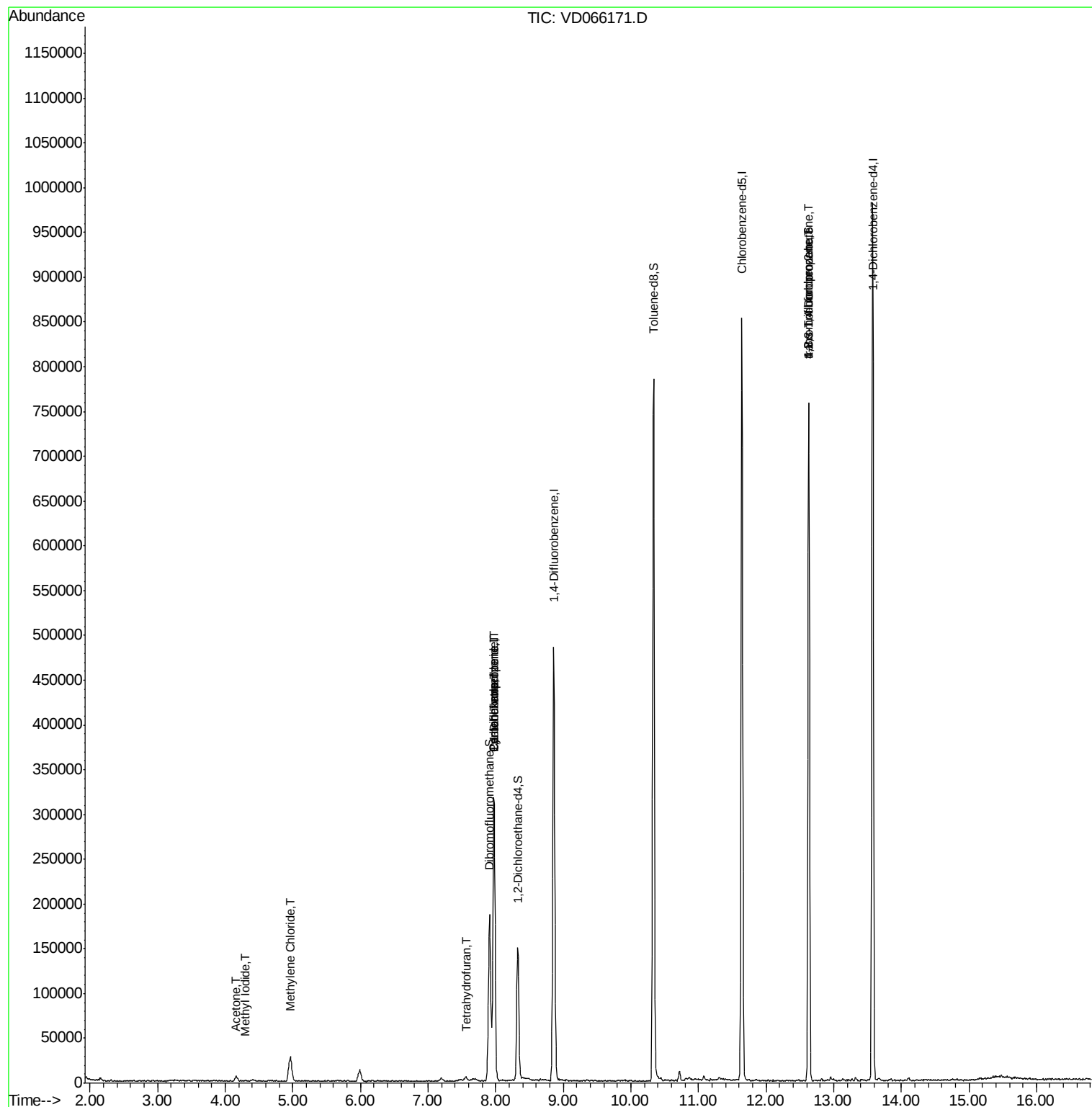
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	70	6.739	ug/l #	39
11) Tert butyl alcohol	5.21	59	56	Below Cal	#	76
16) Acetone	4.16	43	8333	19.566	ug/l #	87
20) Methylene Chloride	4.97	84	21783	4.678	ug/l #	88
29) Tetrahydrofuran	7.57	42	1272	3.277	ug/l #	73
31) Cyclohexane	7.97	56	5618	1.429	ug/l #	36
36) 1,1-Dichloropropene	7.97	75	16980	4.212	ug/l #	50
38) Carbon Tetrachloride	7.98	117	23274	5.177	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	117138	51.339	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	117138	113.488	ug/l #	13

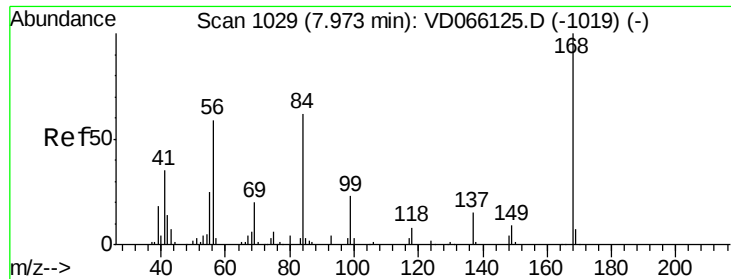
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081020\
Data File : VD066171.D
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Quant Time: Aug 11 04:36:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 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: VD066171.D

Acq: 10 Aug 2020 18:21

Instrument :

MSVOA_D

ClientSampleId :

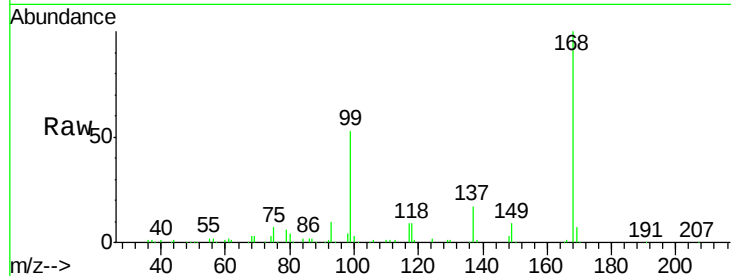
STP-7A

Tot Ion:168 Resp: 251592

Ion Ratio Lower Upper

168 100

99 53.2 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

120000

100000

80000

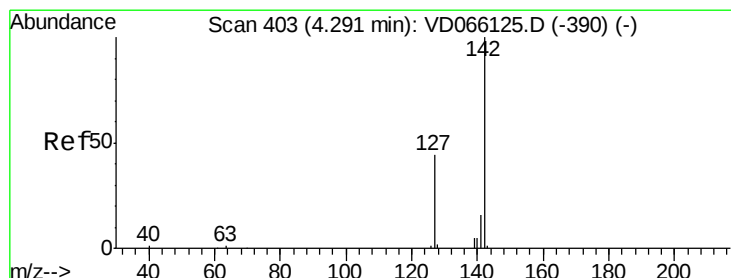
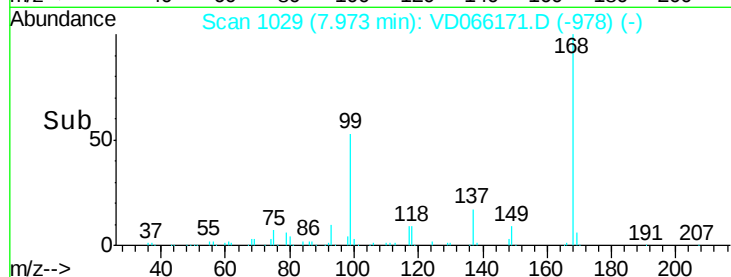
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 6.739 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066171.D

Acq: 10 Aug 2020 18:21

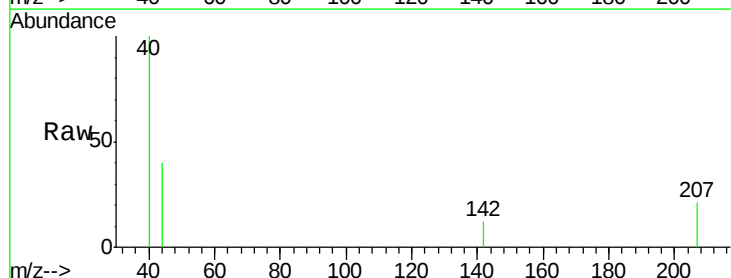
Tgt Ion:142 Resp: 70

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

141 0.0 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

250

200

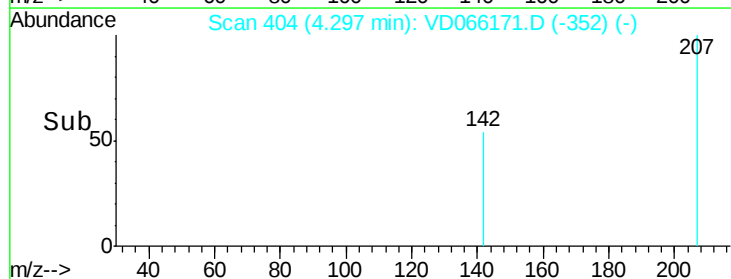
150

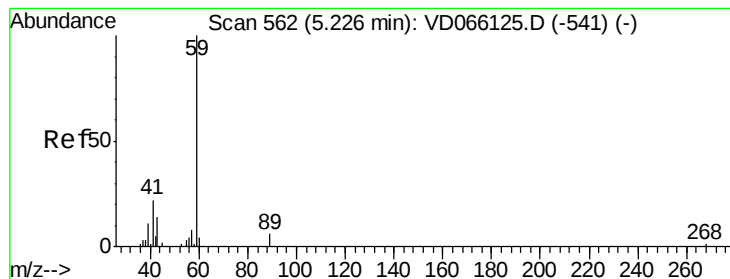
100

50

0

Time-->



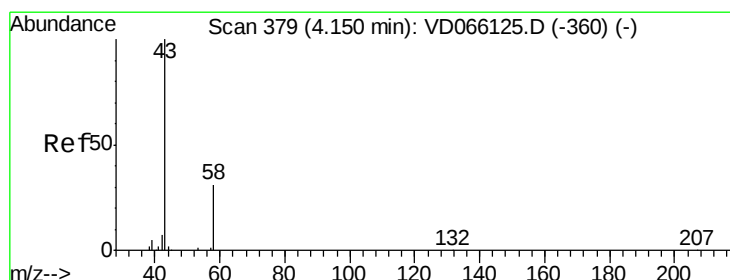
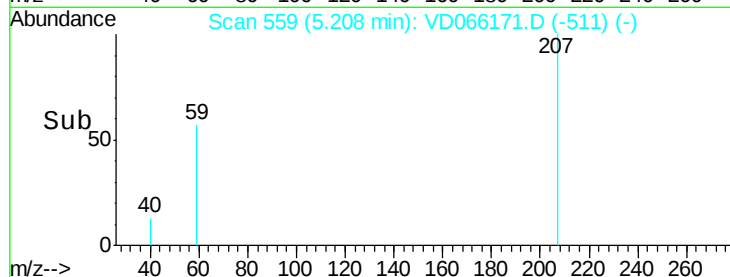
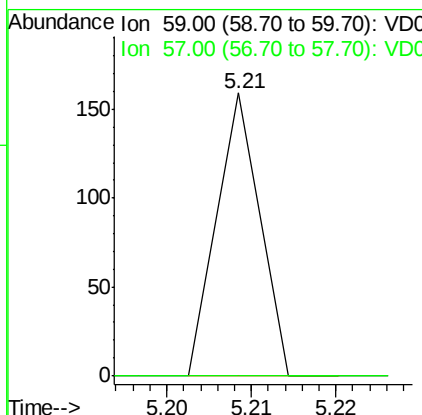
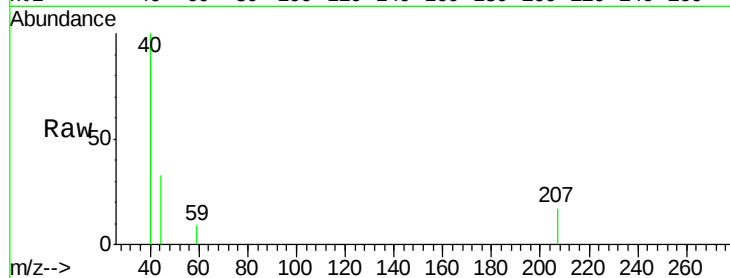


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066171.D
 Acq: 10 Aug 2020 18:21

Instrument :
 MSVOA_D
 ClientSampleId :
 STP-7A

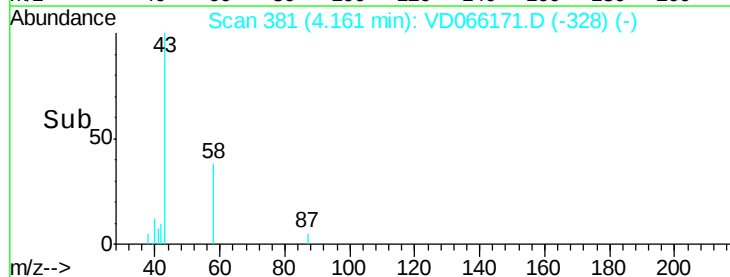
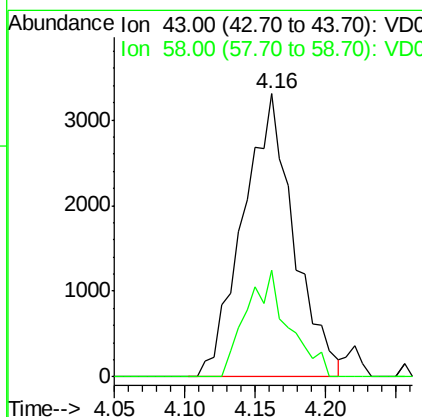
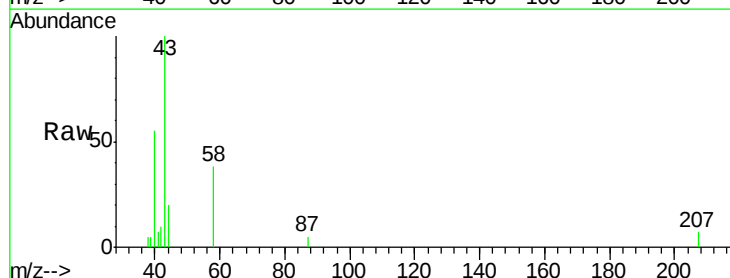
Tot Ion: 59 Resp: 56
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

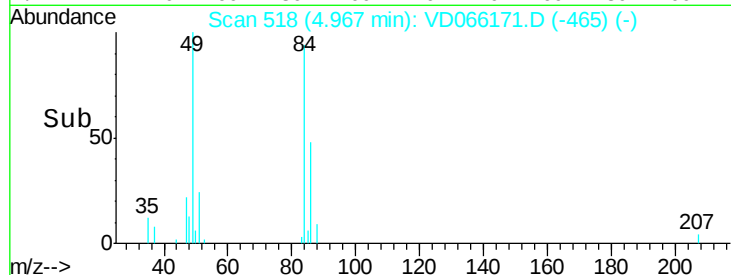
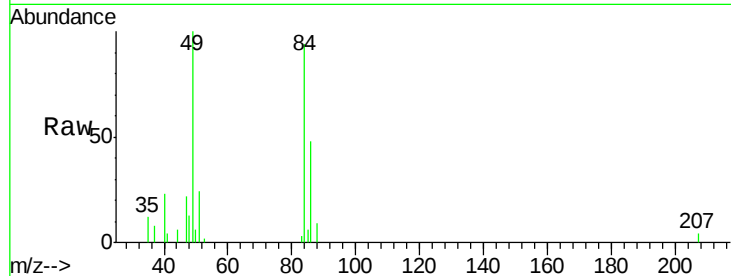
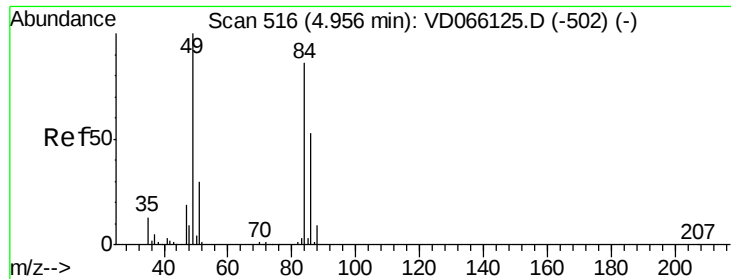


#16

Acetone
 Concen: 19.566 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066171.D
 Acq: 10 Aug 2020 18:21

Tgt Ion: 43 Resp: 8333
 Ion Ratio Lower Upper
 43 100
 58 37.9 24.7 37.1#

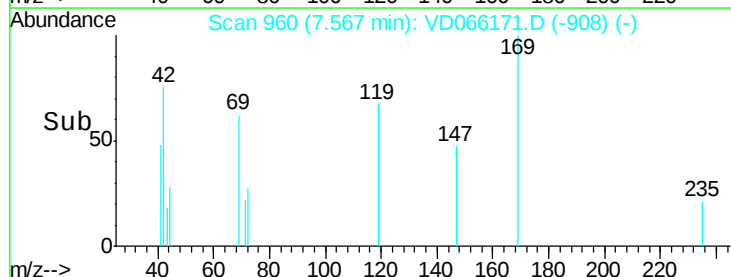
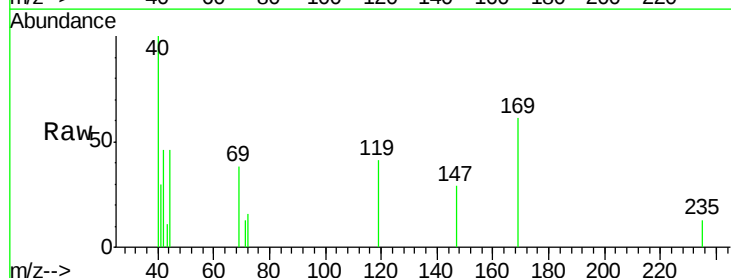
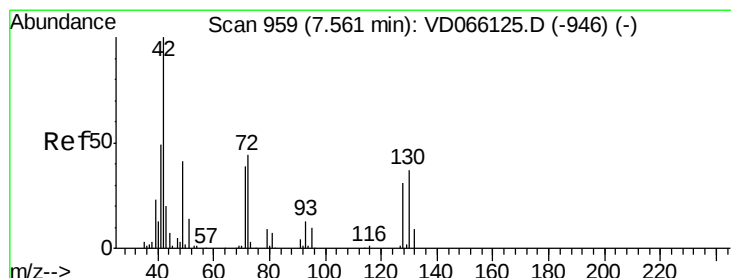
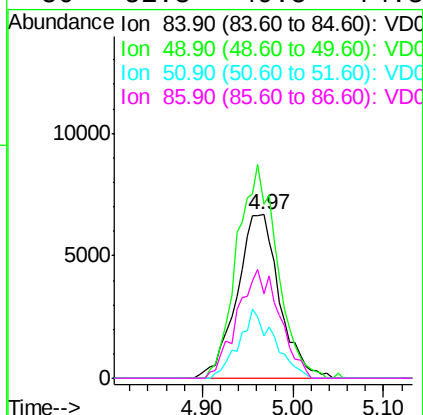




#20
Methvlene Chloride
Concen: 4.678 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066171.D
Acq: 10 Aug 2020 18:21

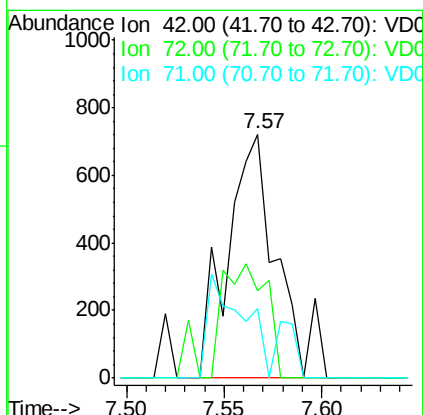
Instrument :
MSVOA_D
ClientSampled :
STP-7A

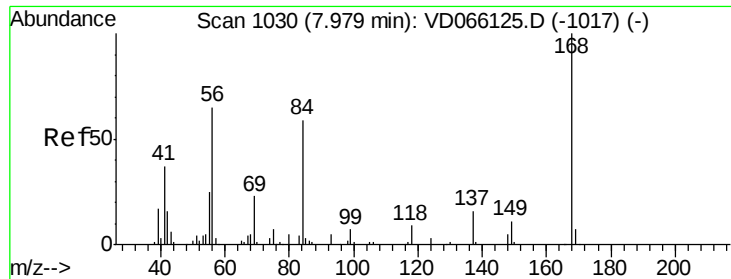
Tot Ion	84	Resp	21783
Ion	Ratio	Lower	Upper
84	100		
49	106.2	93.5	140.3
51	25.9	28.2	42.4#
86	51.3	49.5	74.3



#29
Tetrahydrofuran
Concen: 3.277 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066171.D
Acq: 10 Aug 2020 18:21

Tgt Ion	42	Resp	1272
Ion	Ratio	Lower	Upper
42	100		
72	41.1	34.8	52.2
71	9.1	33.5	50.3#

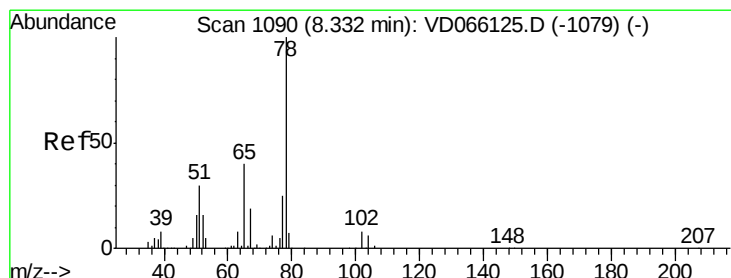
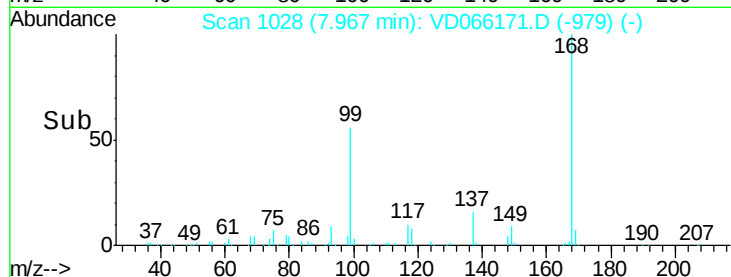
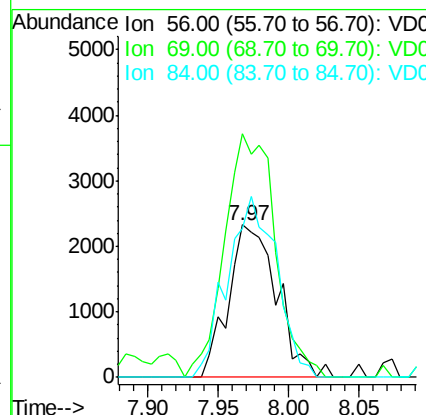
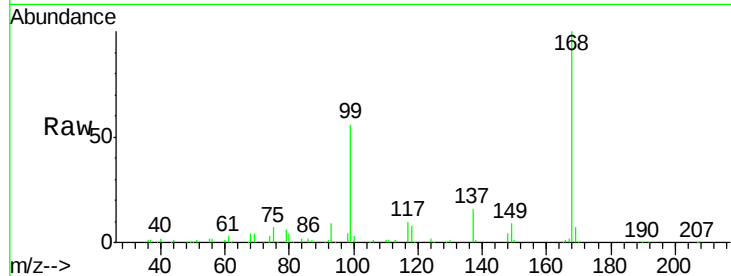




#31
Cyclohexane
Concen: 1.429 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066171.D
Acq: 10 Aug 2020 18:21

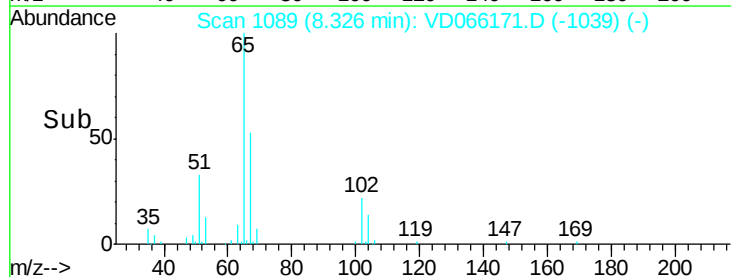
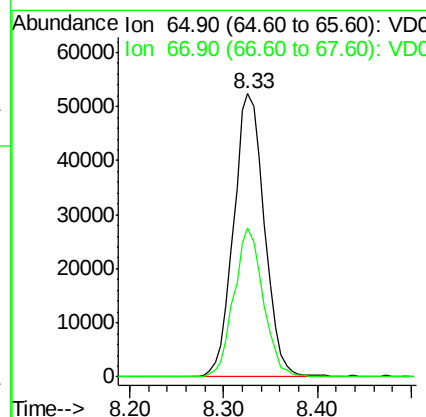
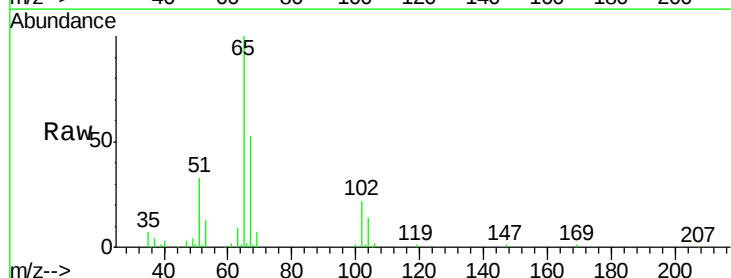
Instrument :
MSVOA_D
ClientSampled :
STP-7A

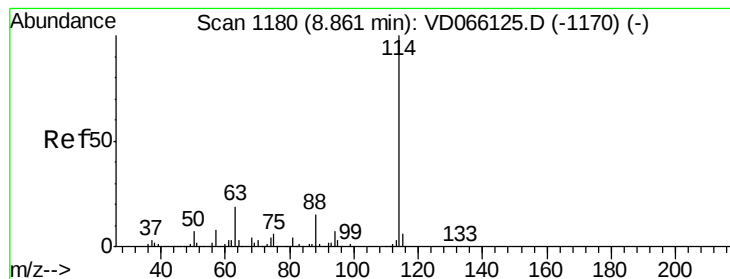
Tot Ion: 56 Resp: 5618
Ion Ratio Lower Upper
56 100
69 159.7 28.8 43.2#
84 97.7 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 53.025 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066171.D
Acq: 10 Aug 2020 18:21

Tgt Ion: 65 Resp: 119020
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066171.D

Acq: 10 Aug 2020 18:21

Instrument :

MSVOA_D

ClientSampleId :

STP-7A

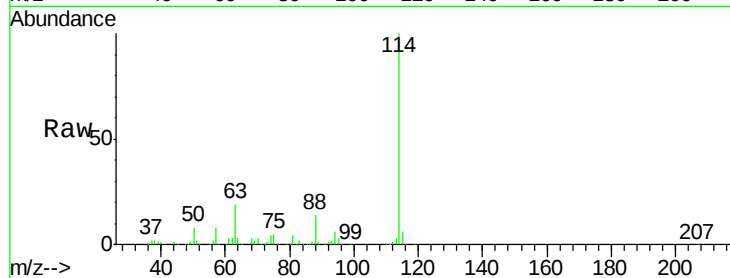
Tot Ion:114 Resp: 428994

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

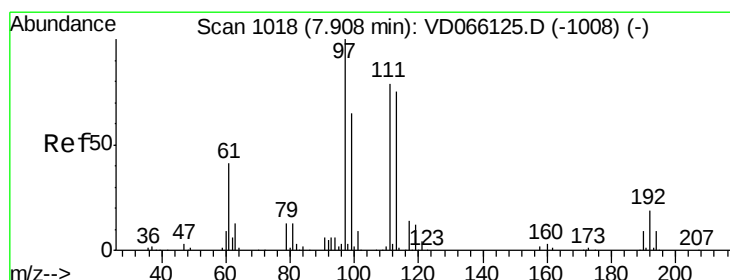
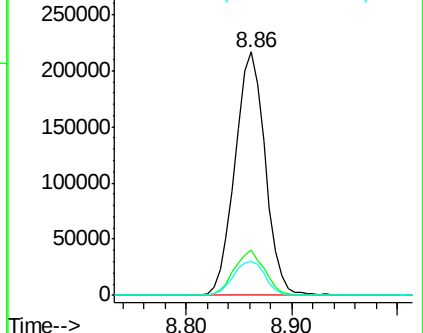
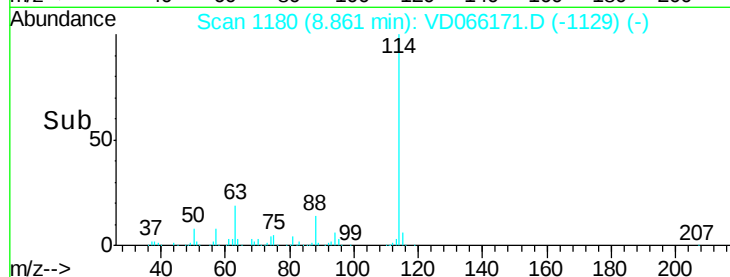
88 14.0 0.0 30.0



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: 48.884 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066171.D

Acq: 10 Aug 2020 18:21

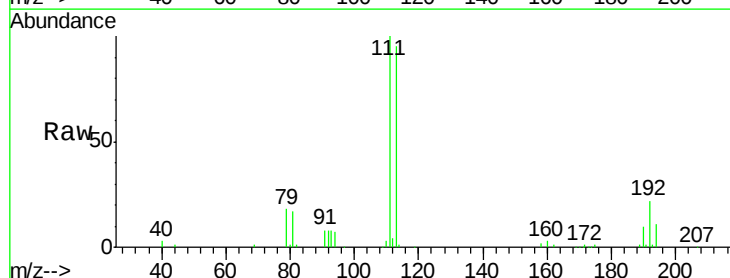
Tgt Ion:113 Resp: 132850

Ion Ratio Lower Upper

113 100

111 103.2 80.7 121.1

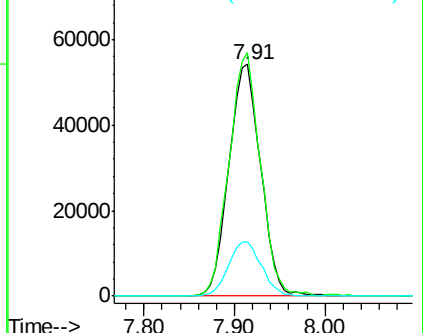
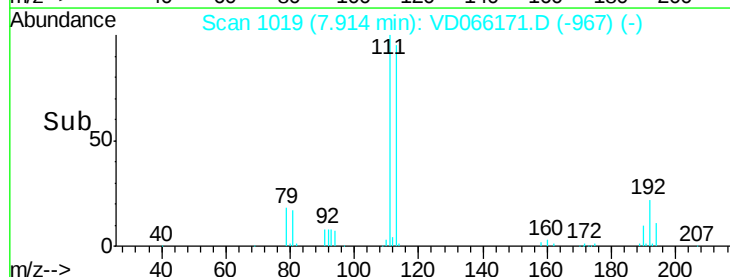
192 24.1 18.4 27.6

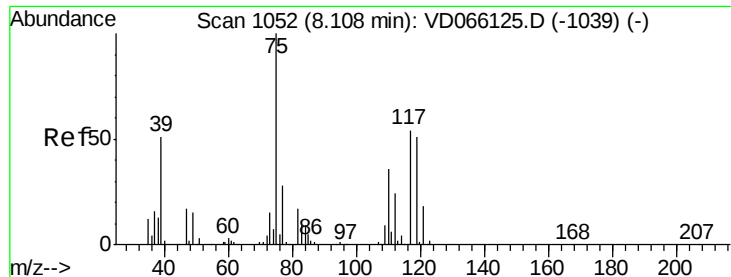


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

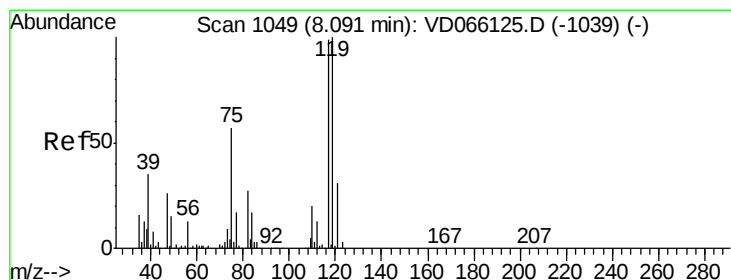
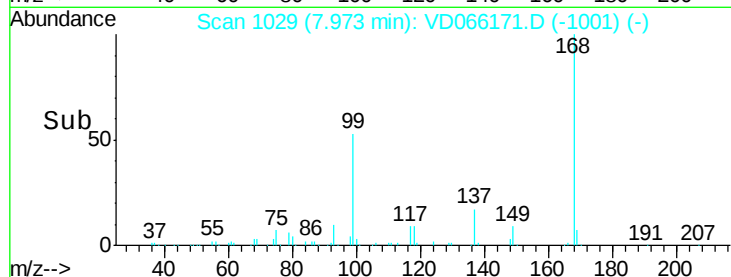
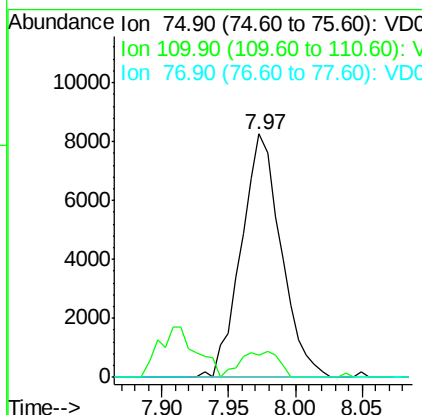
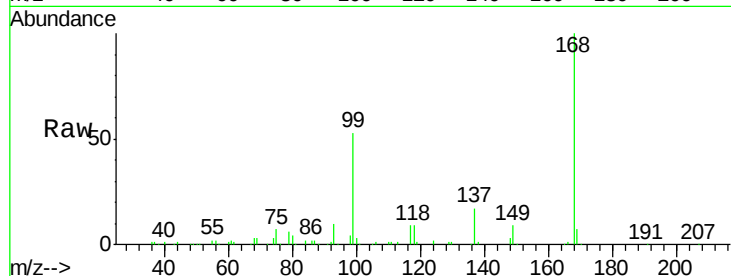




#36
 1,1-Dichloropropene
 Concen: 4.212 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066171.D
 Acq: 10 Aug 2020 18:21

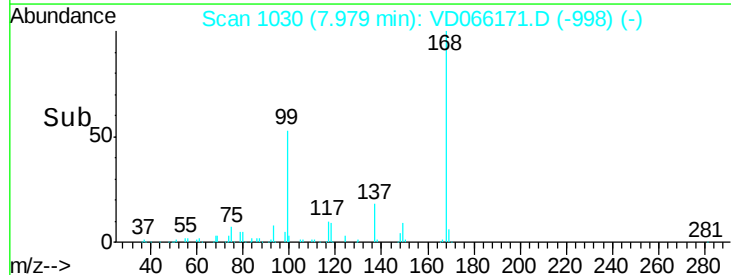
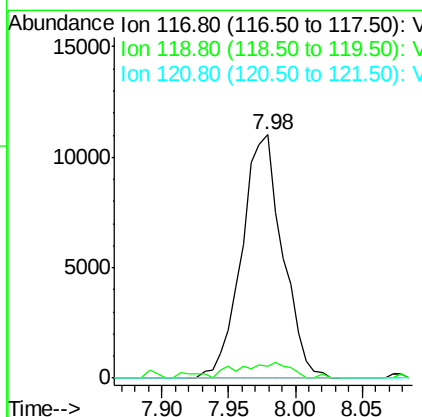
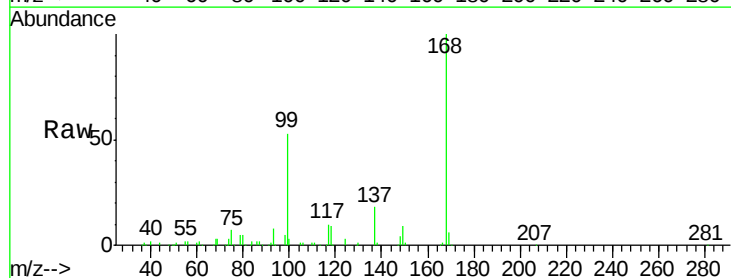
Instrument :
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 STP-7A

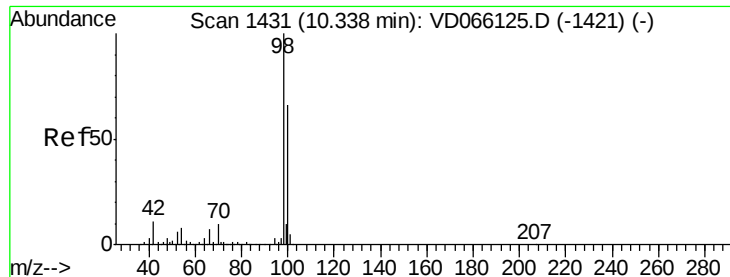
Tot Ion: 75 Resp: 16980
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.8 56.3#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.177 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066171.D
 Acq: 10 Aug 2020 18:21

Tgt Ion: 117 Resp: 23274
 Ion Ratio Lower Upper
 117 100
 119 4.7 81.0 121.4#
 121 0.0 24.8 37.2#

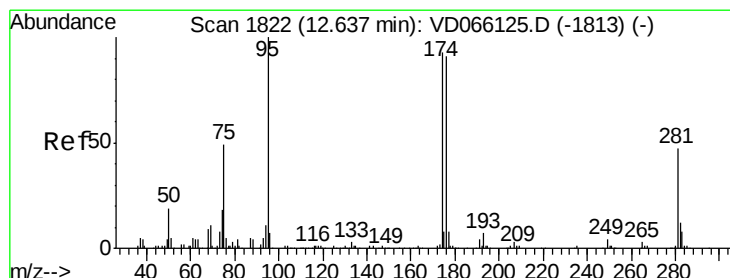
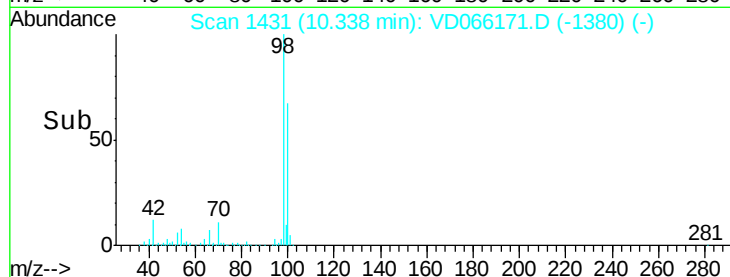
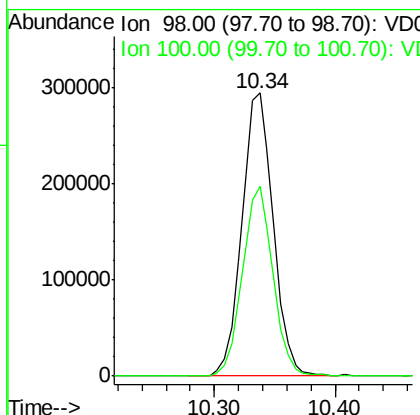
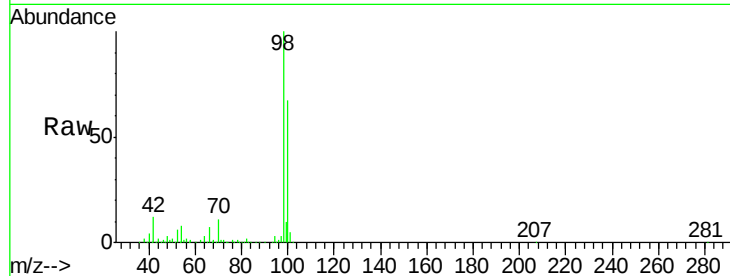




#50
Toluene-d8
Concen: 52.890 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066171.D
Acq: 10 Aug 2020 18:21

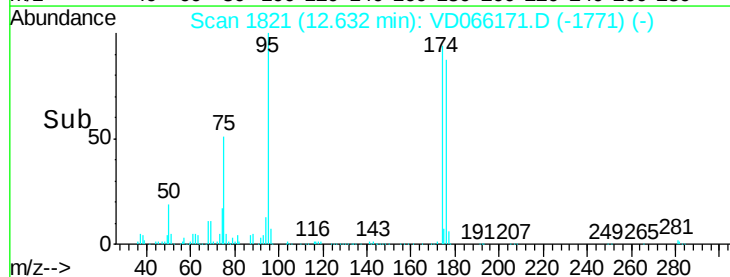
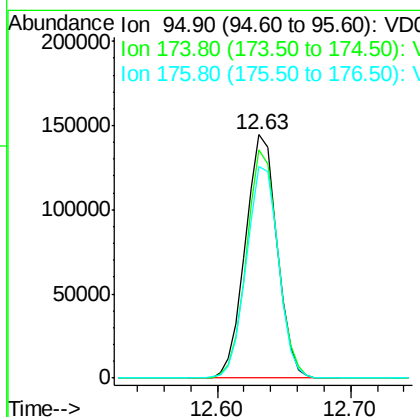
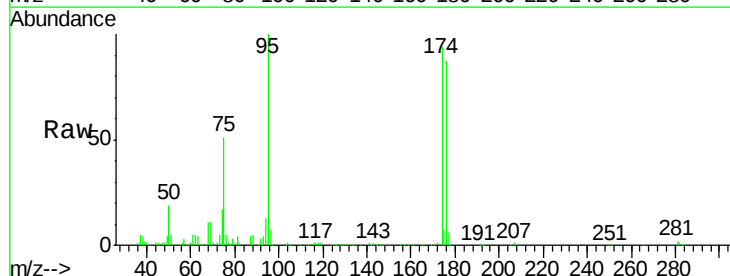
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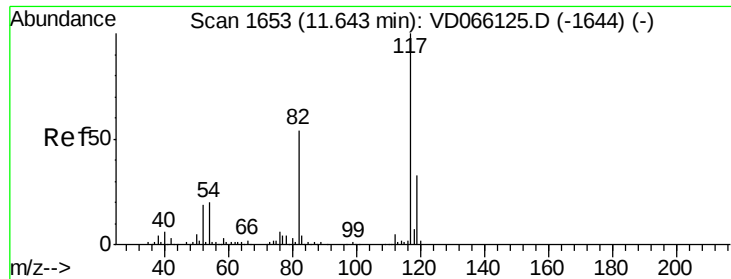
Tot Ion: 98 Resp: 530423
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 65.600 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066171.D
Acq: 10 Aug 2020 18:21

Tgt Ion: 95 Resp: 237140
Ion Ratio Lower Upper
95 100
174 92.0 0.0 180.8
176 87.4 0.0 181.2

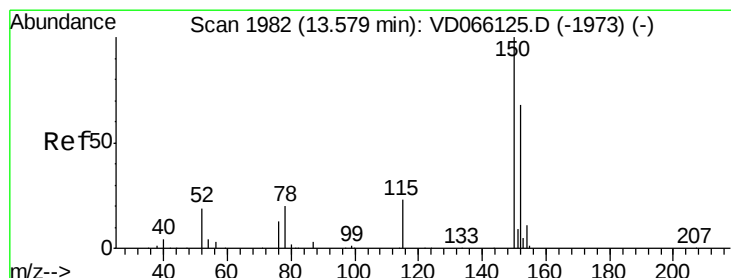
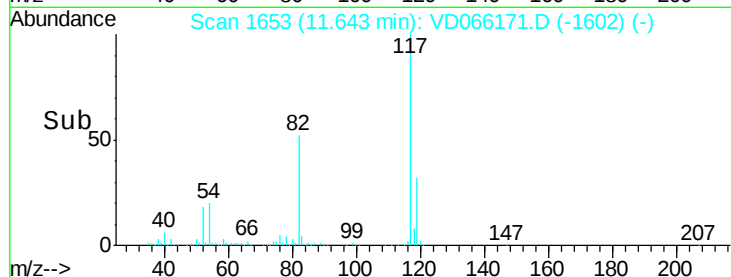
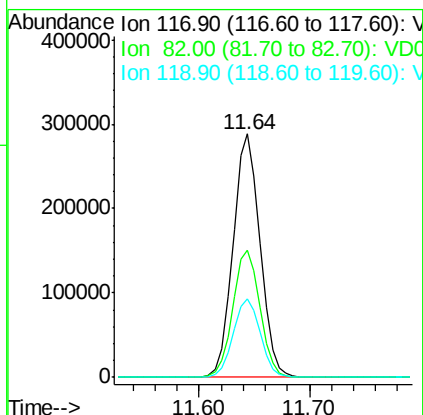
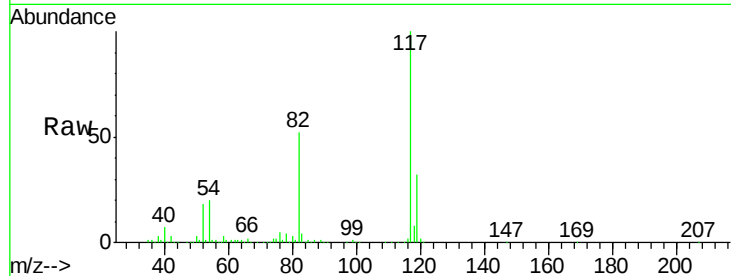




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066171.D
Acq: 10 Aug 2020 18:21

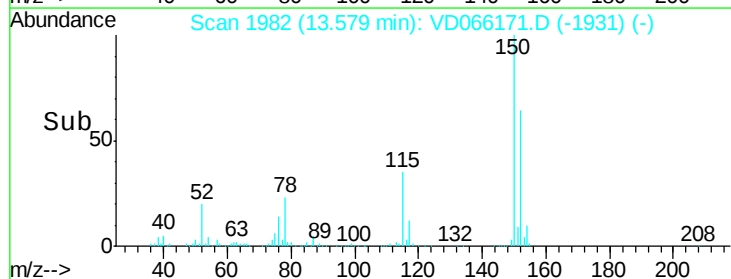
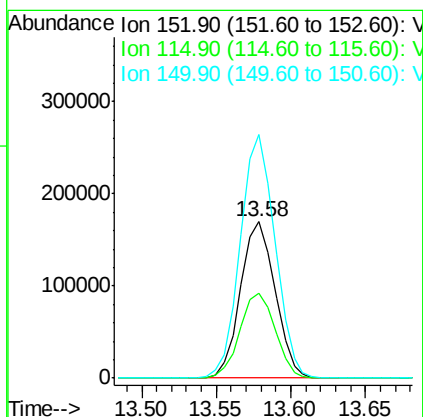
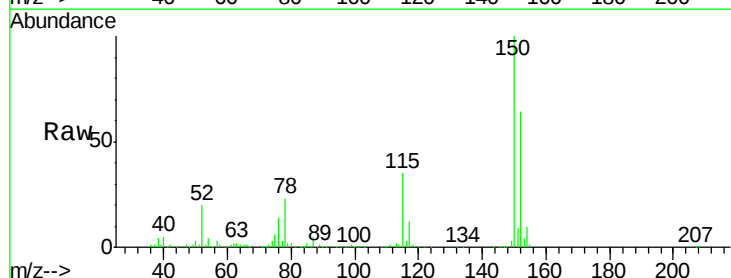
Instrument :
MSVOA_D
ClientSampleId :
STP-7A

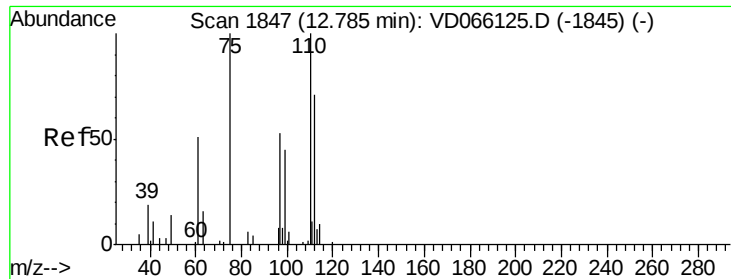
Tot Ion:117 Resp: 493203
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066171.D
Acq: 10 Aug 2020 18:21

Tgt Ion:152 Resp: 273604
Ion Ratio Lower Upper
152 100
115 55.5 28.0 83.9
150 156.2 0.0 346.4

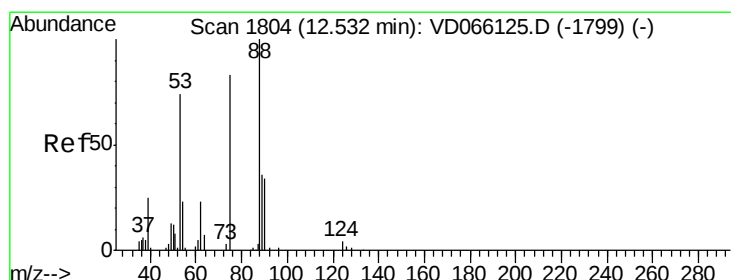
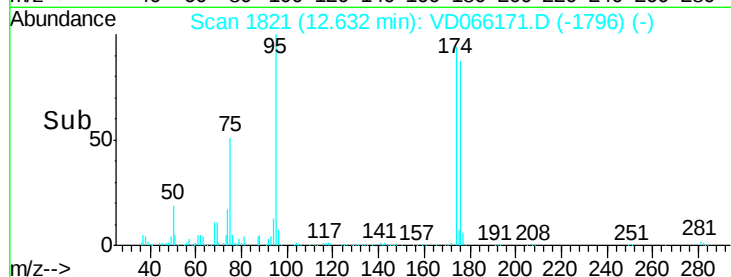
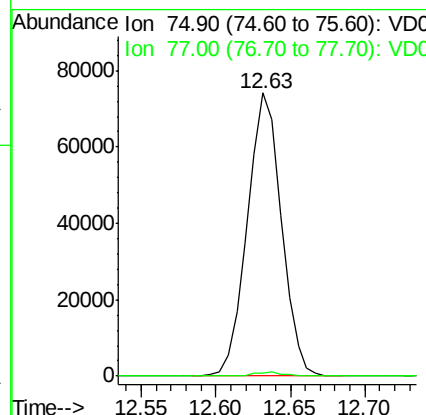
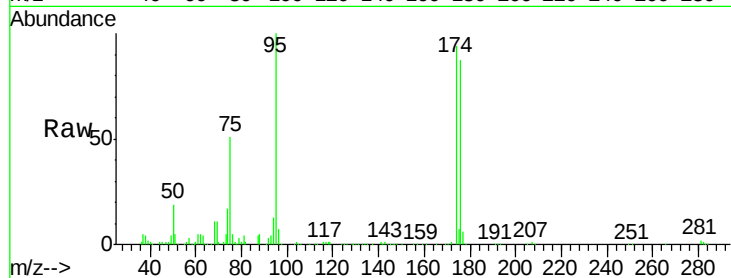




#76
 1,2,3-Trichloropropane
 Concen: 51.339 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066171.D
 Acq: 10 Aug 2020 18:21

Instrument :
 MSVOA_D
 ClientSampleId :
 STP-7A

Tot Ion: 75 Resp: 117138
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.488 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066171.D
 Acq: 10 Aug 2020 18:21

Tgt Ion: 75 Resp: 117138
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.2#
 89 0.0 36.6 55.0#

