

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066774.D
 Acq On : 18 Sep 2020 18:54
 Operator : VA/SY
 Sample : L4017-08
 Misc : 5.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

Quant Time: Sep 19 03:16:37 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	7.97	168	377643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	670938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	651957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301623	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	227943	56.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.14%	
35) Dibromofluoromethane	7.91	113	219489	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
50) Toluene-d8	10.34	98	821953	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.63	95	280482	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	

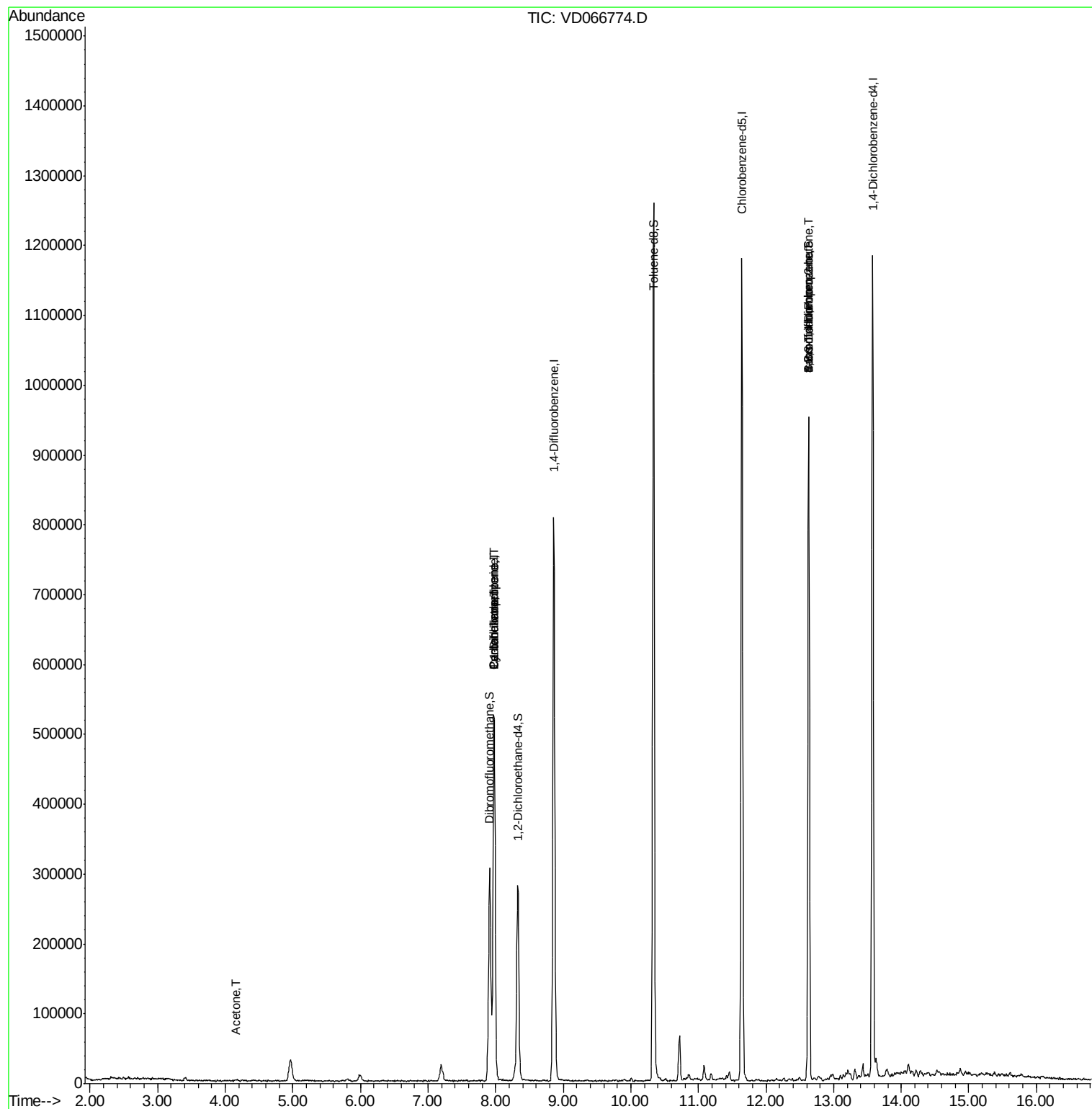
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	342	Below Cal	#	43
11) Tert butyl alcohol	5.22	59	60	Below Cal	#	76
16) Acetone	4.17	43	3952	4.817	ug/l #	74
18) Methyl Acetate	4.70	43	90	Below Cal	#	52
20) Methylene Chloride	4.97	84	24623	Below Cal	#	86
31) Cyclohexane	7.98	56	9457	1.329	ug/l #	31
36) 1,1-Dichloropropene	7.97	75	33124	4.802	ug/l #	49
38) Carbon Tetrachloride	7.98	117	41213	5.626	ug/l #	16
71) Bromoform	12.63	173	2516	1.007	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	157422	60.974	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	157422	131.593	ug/l #	8

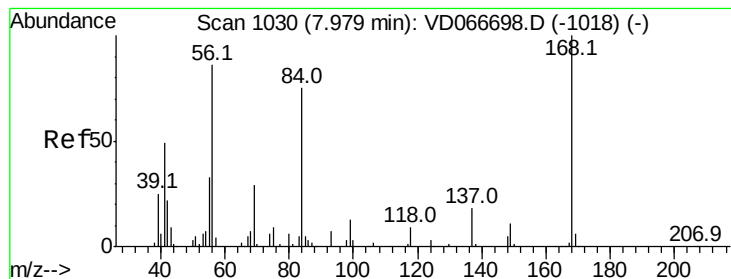
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091820\
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QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066774.D

Acq: 18 Sep 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

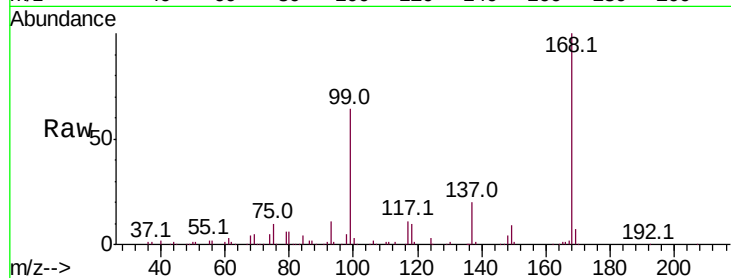
SS-8

Tot Ion:168 Resp: 377643

Ion Ratio Lower Upper

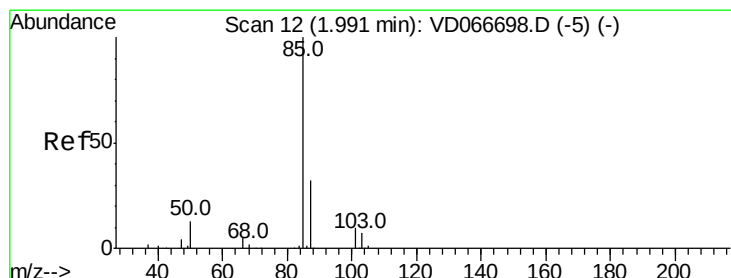
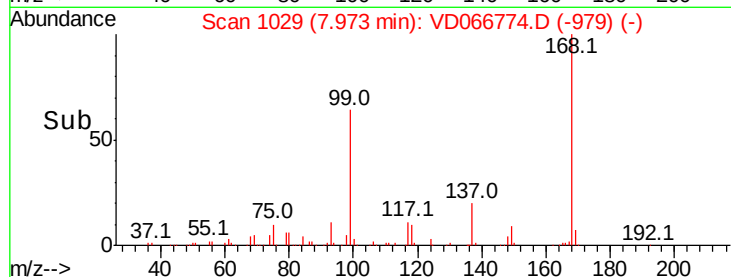
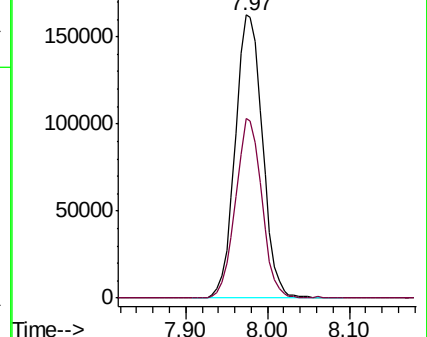
168 100

99 63.6 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD066774.D

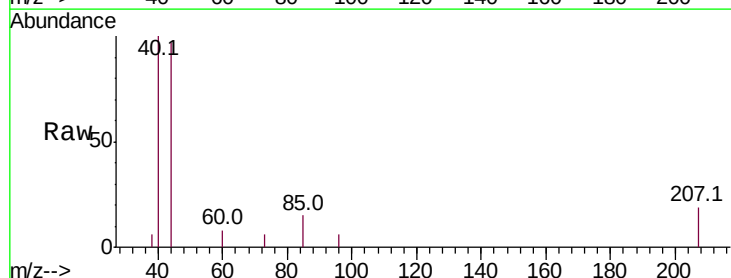
Acq: 18 Sep 2020 18:54

Tgt Ion: 85 Resp: 342

Ion Ratio Lower Upper

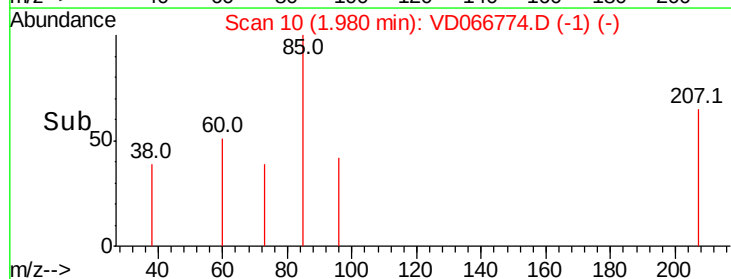
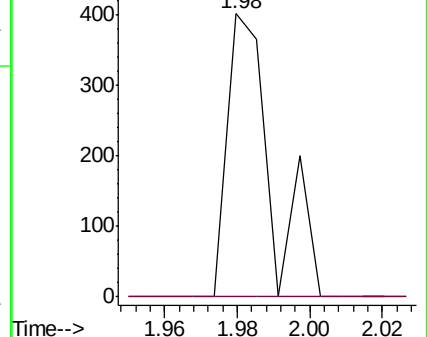
85 100

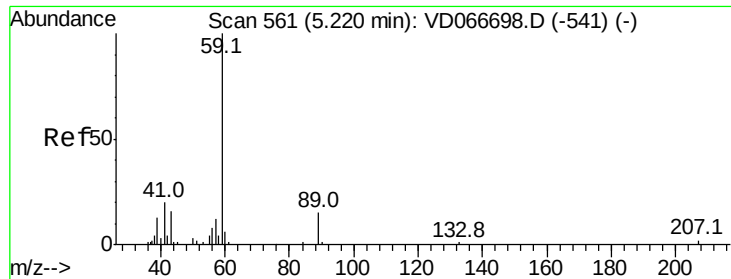
87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

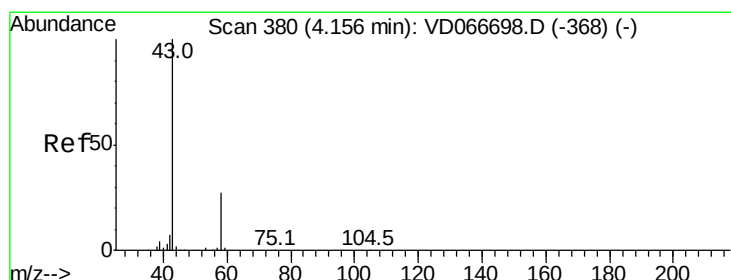
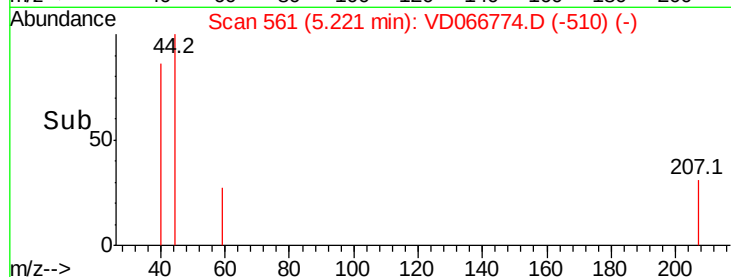
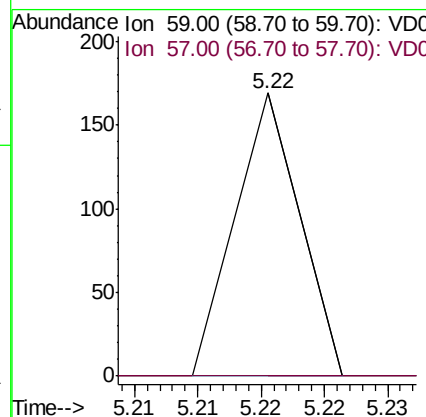
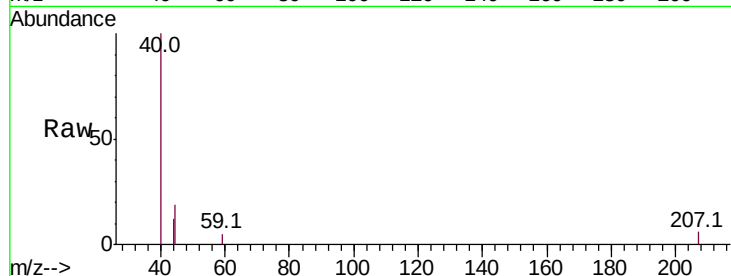




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

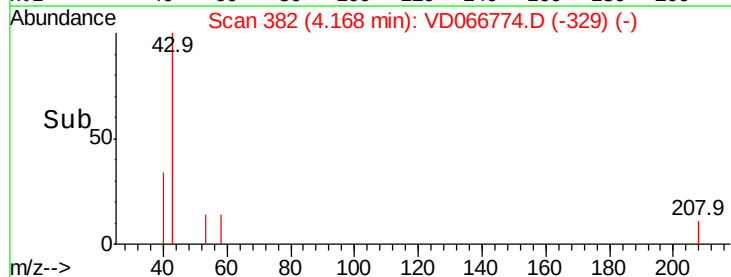
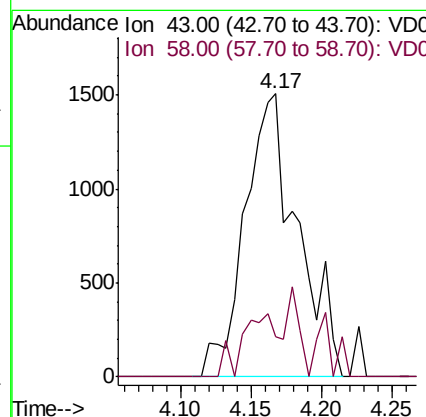
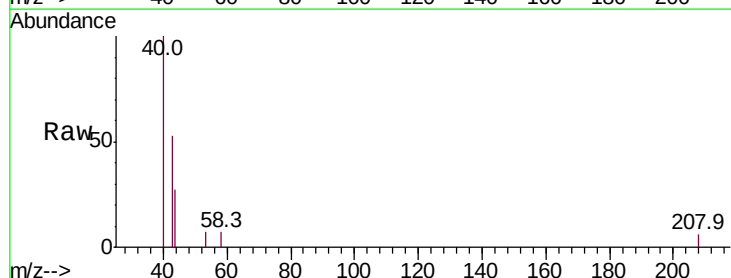
Instrument :
MSVOA_D
ClientSampleId :
SS-8

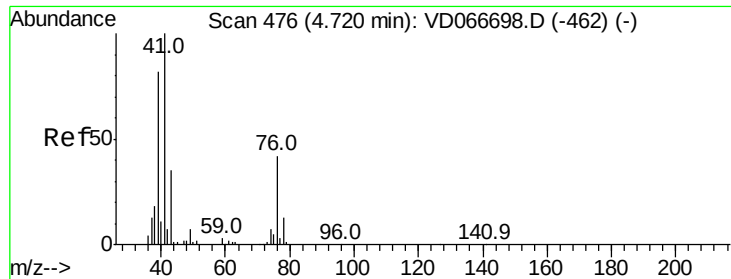
Tot Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#



#16
Acetone
Concen: 4.817 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

Tgt Ion: 43 Resp: 3952
Ion Ratio Lower Upper
43 100
58 14.1 21.9 32.9#

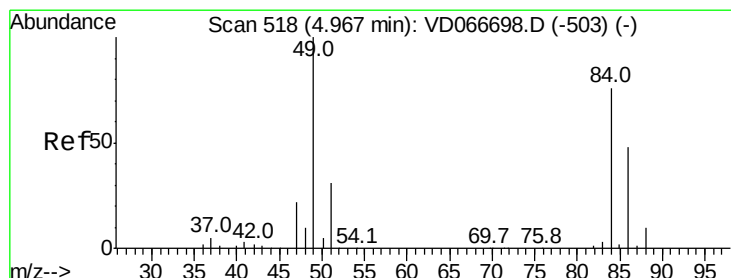
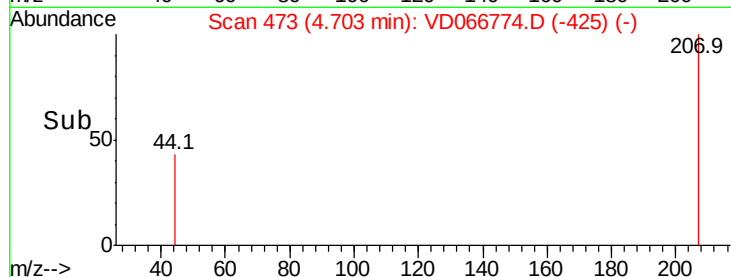
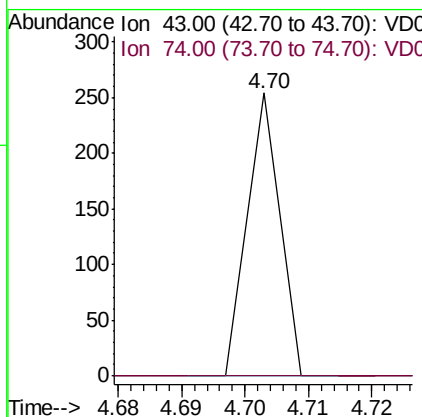
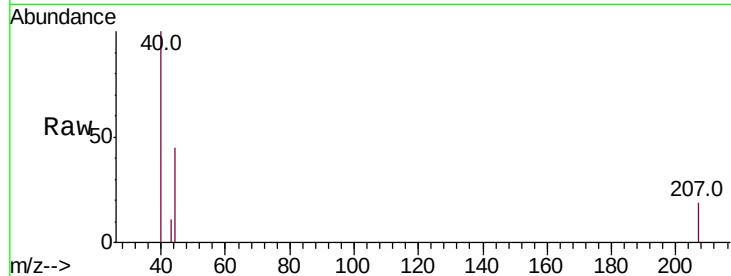




#18
Methyl Acetate
Concen: Below Cal
RT: 4.70 min Scan# 473
Delta R.T. -0.02 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

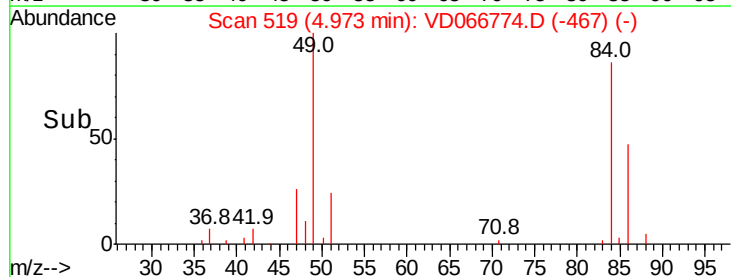
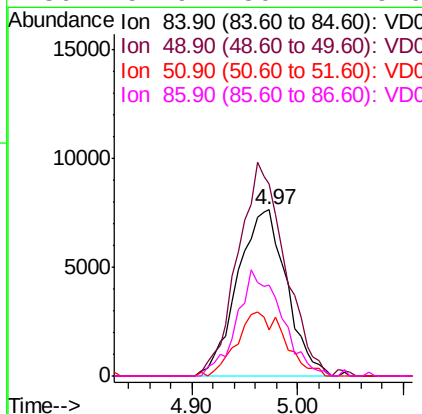
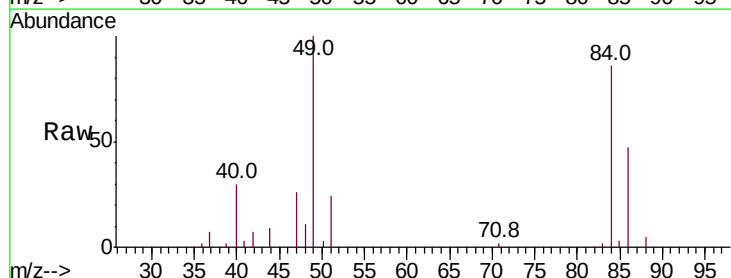
Instrument :
MSVOA_D
ClientSampleId :
SS-8

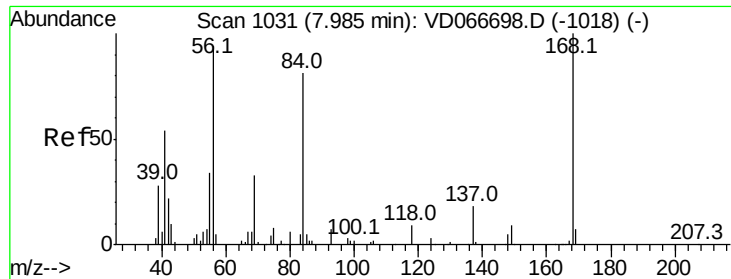
Tot Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

Tgt Ion: 84 Resp: 24623
Ion Ratio Lower Upper
84 100
49 115.7 105.0 157.6
51 27.6 32.2 48.4#
86 54.9 50.4 75.6

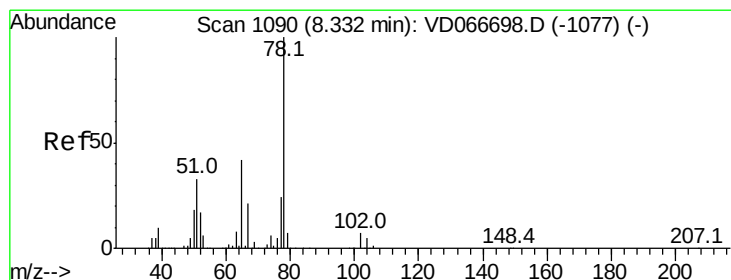
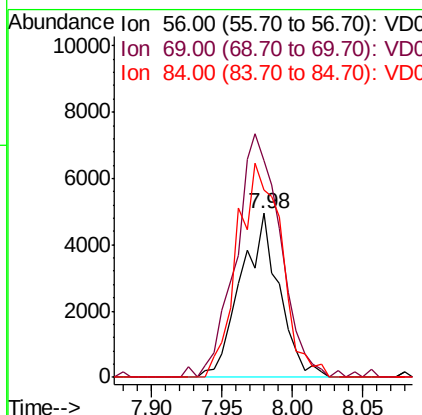
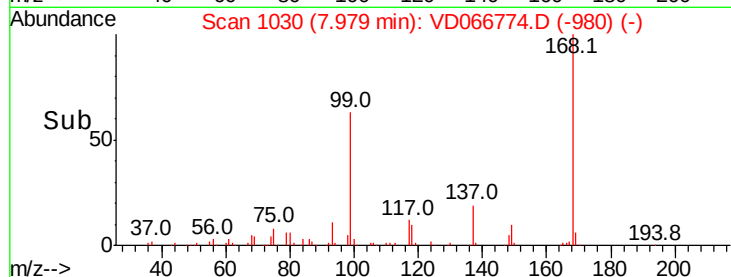
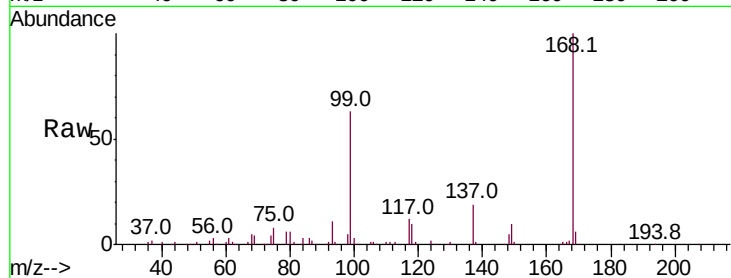




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

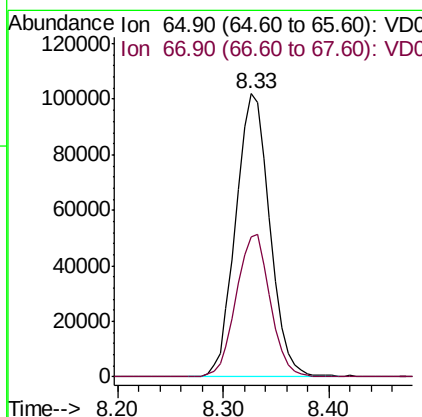
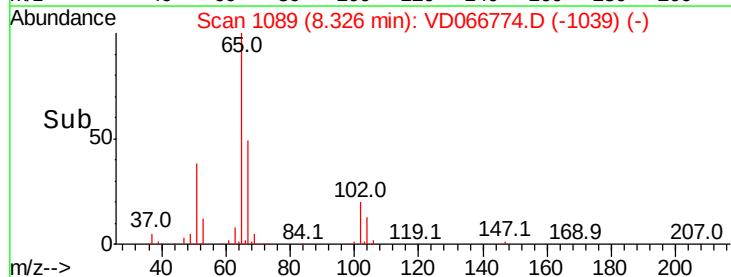
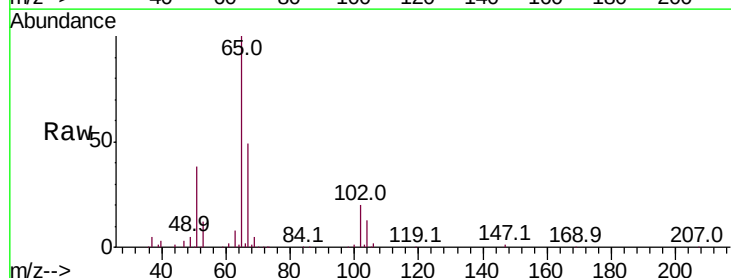
Instrument :
MSVOA_D
ClientSampled :
SS-8

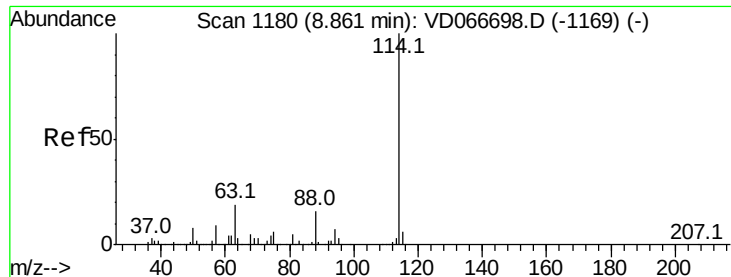
Tot Ion: 56 Resp: 9457
Ion Ratio Lower Upper
56 100
69 128.6 27.7 41.5#
84 114.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 56.572 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

Tgt Ion: 65 Resp: 227943
Ion Ratio Lower Upper
65 100
67 50.4 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: VD066774.D

Acq: 18 Sep 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

SS-8

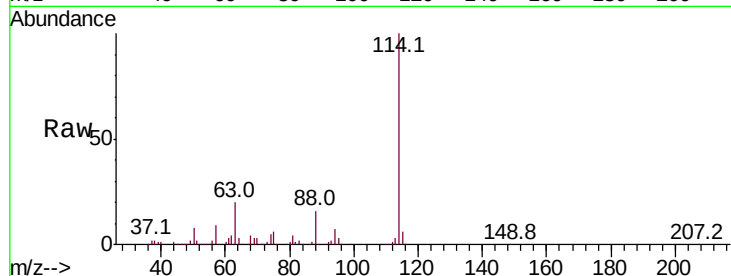
Tot Ion:114 Resp: 670938

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

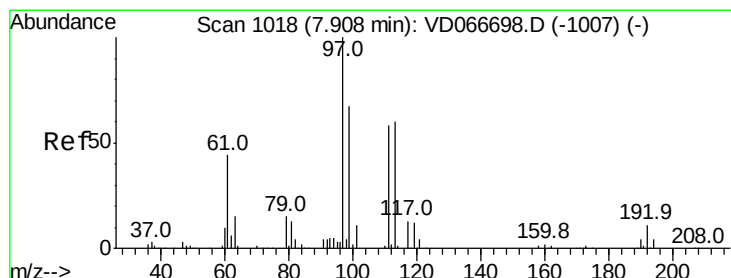
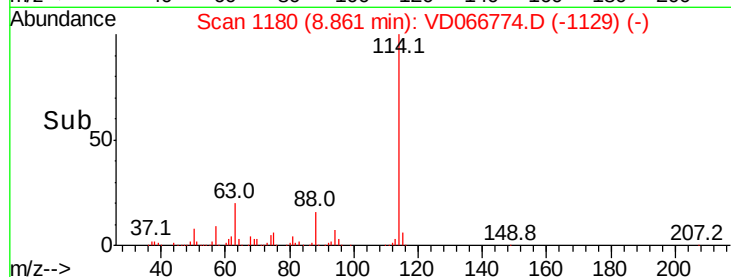
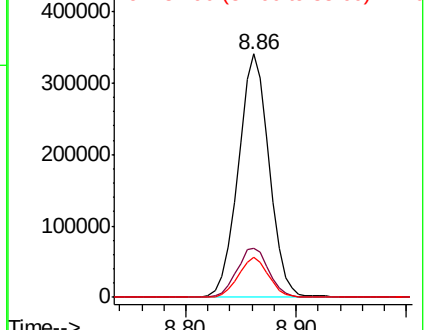
88 16.5 0.0 32.2



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: 53.358 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066774.D

Acq: 18 Sep 2020 18:54

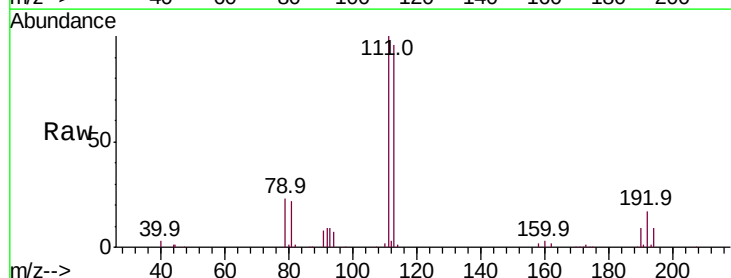
Tgt Ion:113 Resp: 219489

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

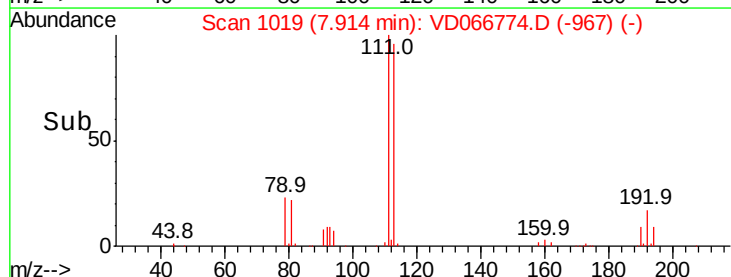
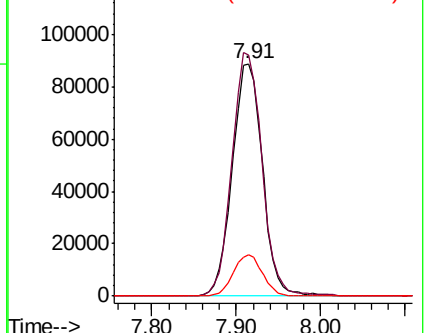
192 17.3 14.8 22.2

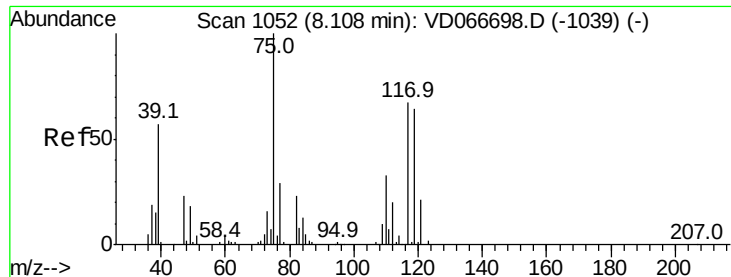


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

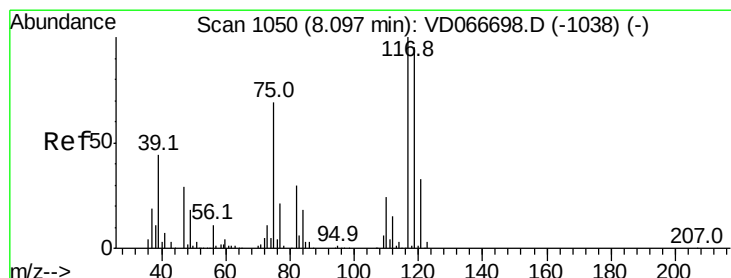
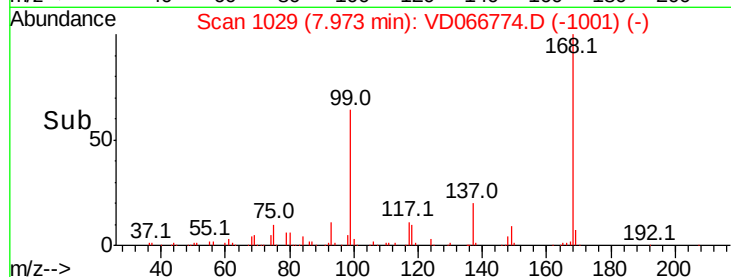
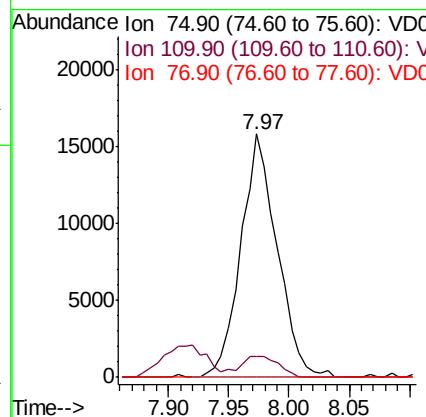
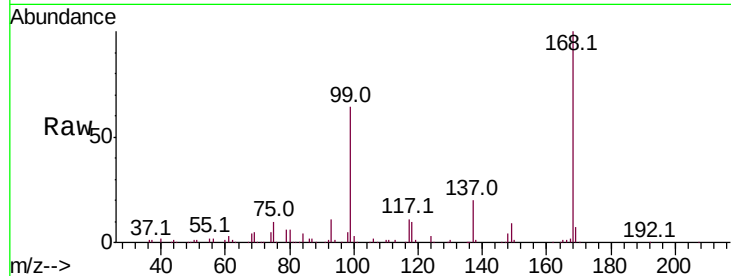




#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066774.D
 Acq: 18 Sep 2020 18:54

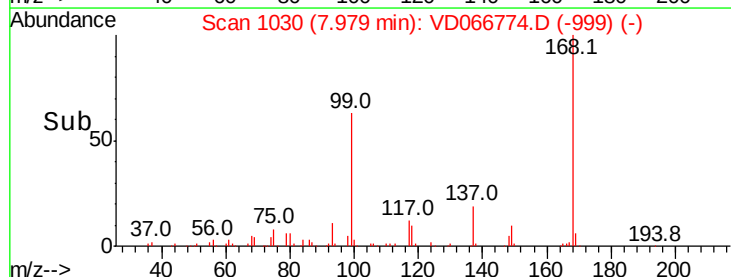
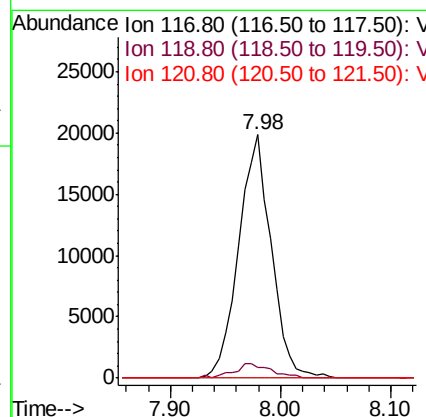
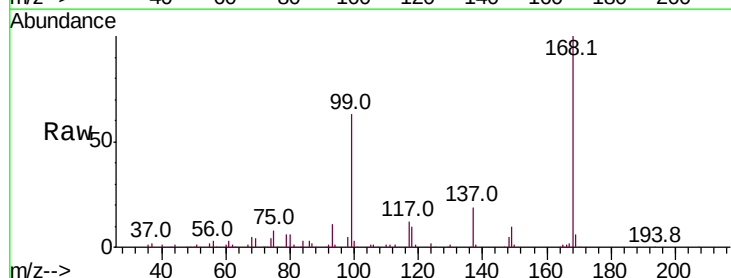
Instrument :
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 SS-8

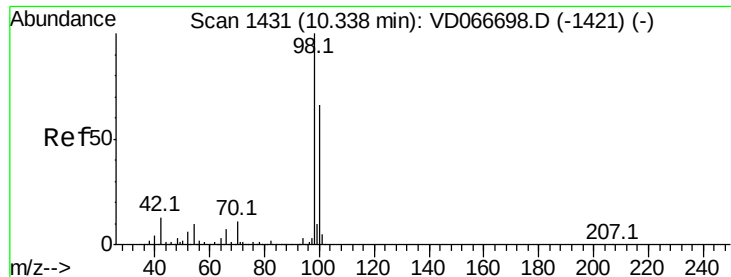
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.1	51.2#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.626 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD066774.D
 Acq: 18 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.8	113.6#
121	0.0	26.2	39.4#

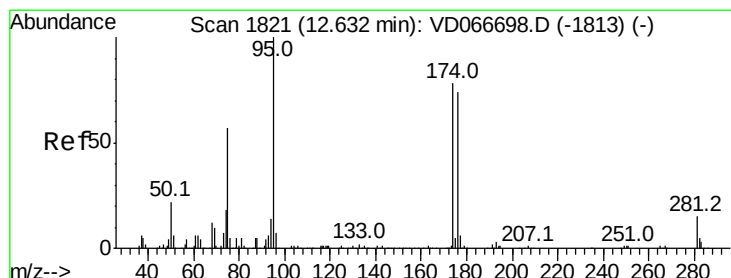
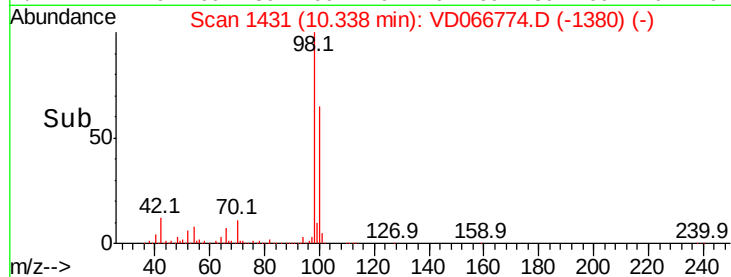
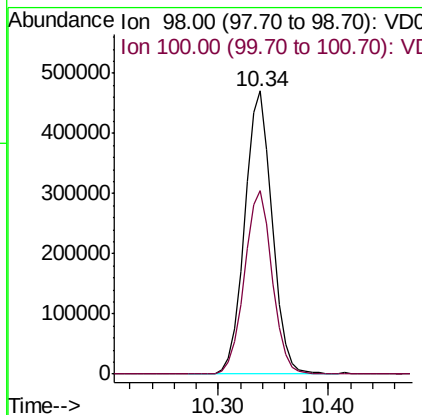
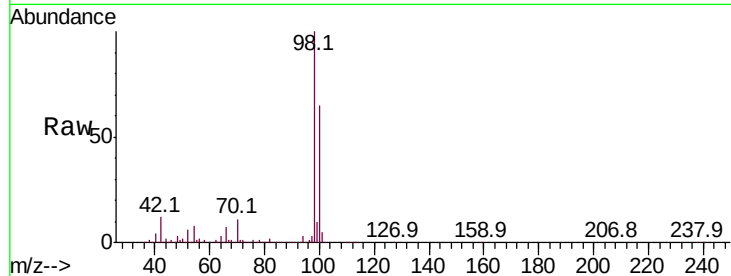




#50
Toluene-d8
Concen: 56.085 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

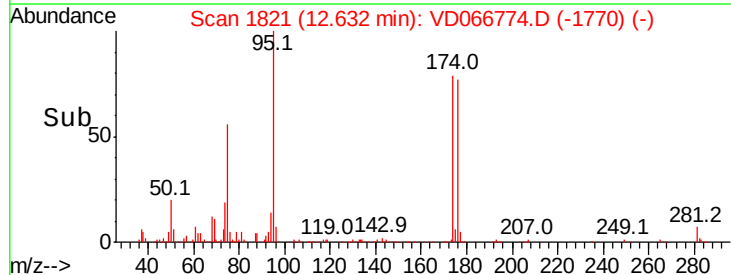
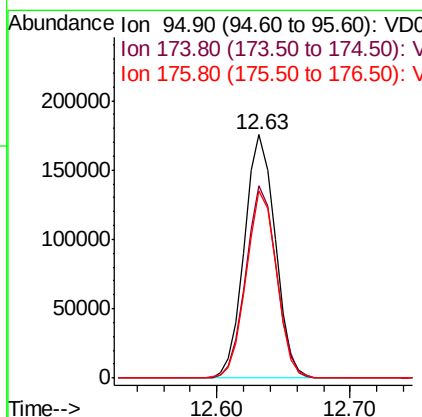
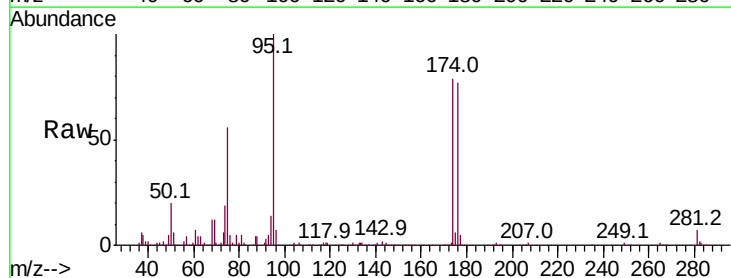
Instrument :
MSVOA_D
ClientSampled :
SS-8

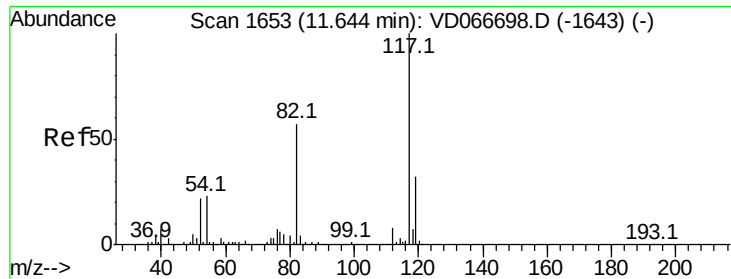
Tot Ion: 98 Resp: 821953
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 55.444 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

Tgt Ion: 95 Resp: 280482
Ion Ratio Lower Upper
95 100
174 78.1 0.0 156.6
176 75.3 0.0 150.2

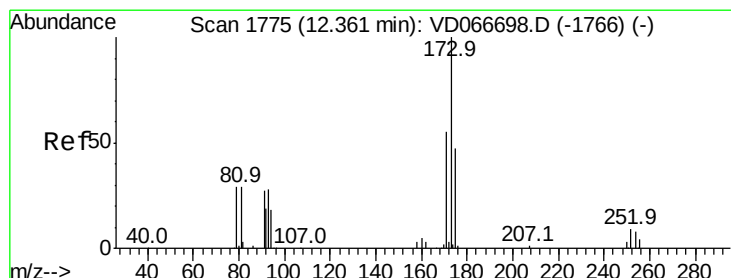
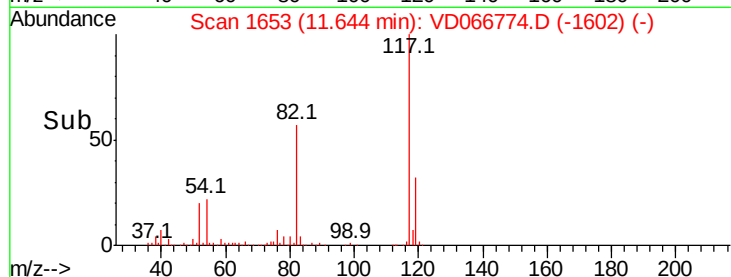
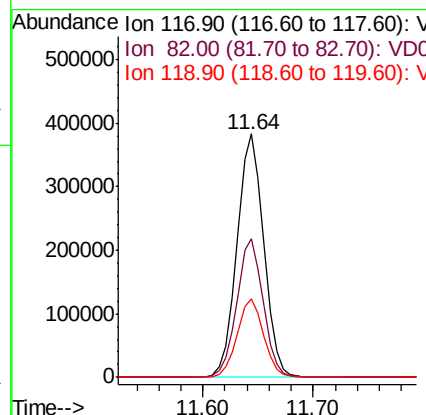
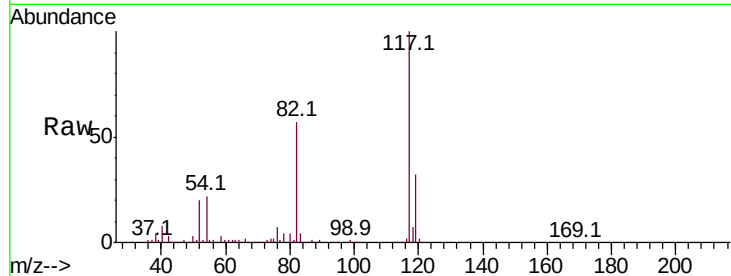




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

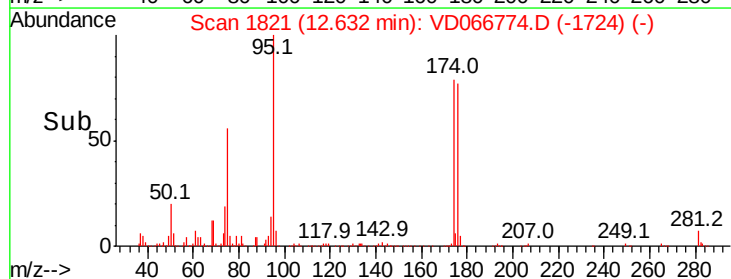
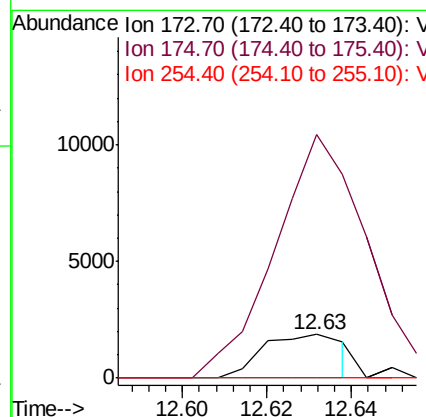
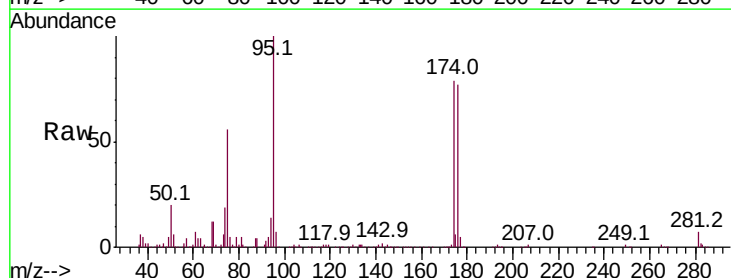
Instrument :
MSVOA_D
ClientSampleId :
SS-8

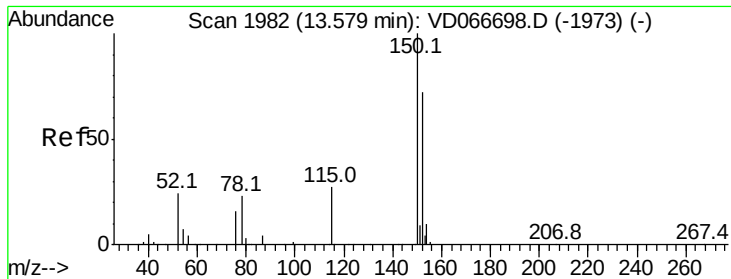
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.4	68.0
119	32.0	25.8	38.6



#71
Bromoform
Concen: 1.007 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.27 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	486.1	24.3	72.8#
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066774.D

Acq: 18 Sep 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

SS-8

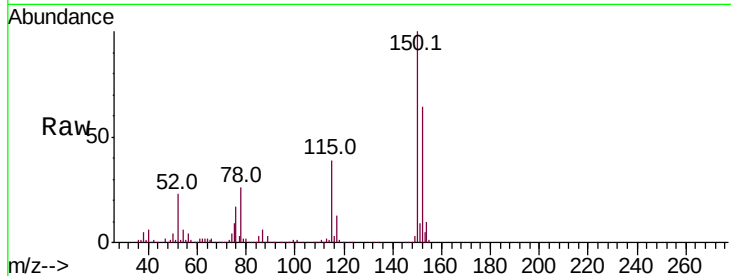
Tot Ion:152 Resp: 301623

Ion Ratio Lower Upper

152 100

115 60.9 30.5 91.5

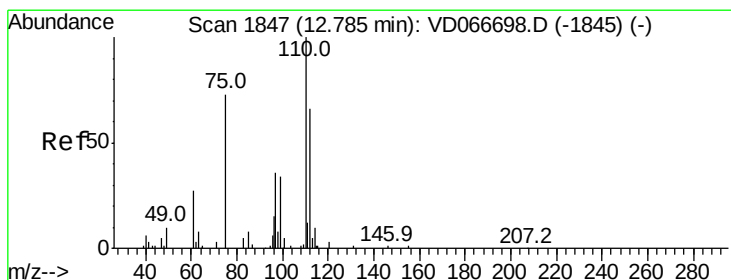
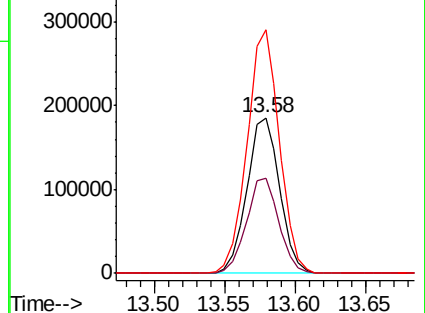
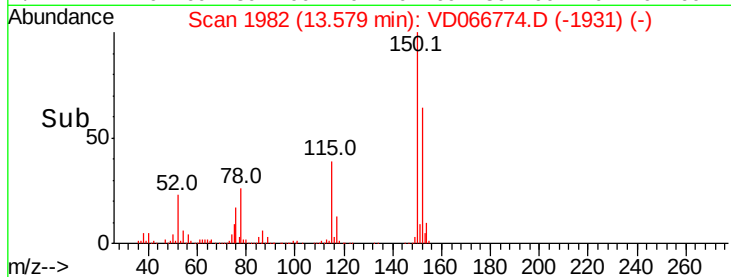
150 154.2 0.0 344.6



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: 60.974 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066774.D

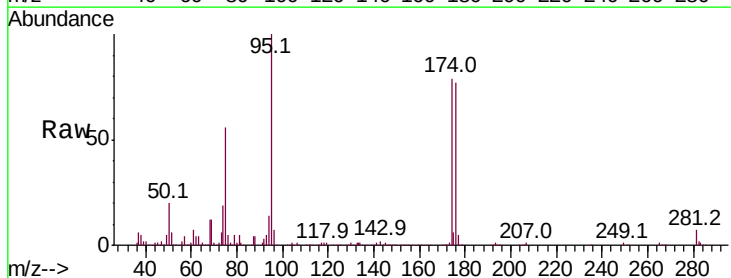
Acq: 18 Sep 2020 18:54

Tgt Ion: 75 Resp: 157422

Ion Ratio Lower Upper

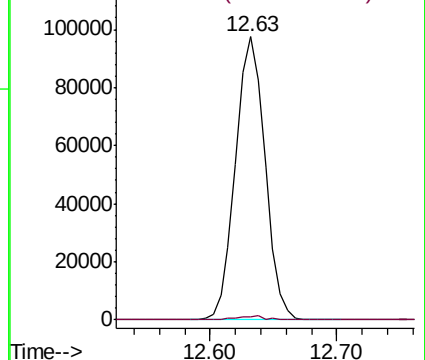
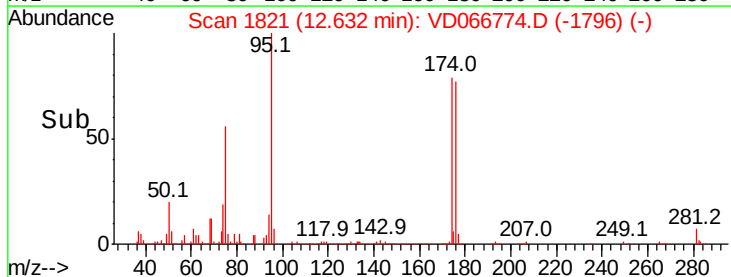
75 100

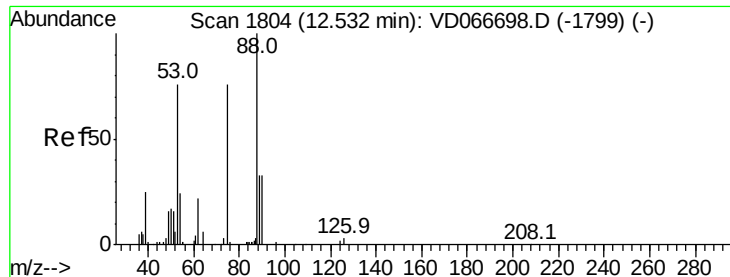
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.593 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066774.D
 Acq: 18 Sep 2020 18:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

Tot Ion: 75 Resp: 157422
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.2 123.4#
 89 0.0 39.6 59.4#

