

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066771.D
 Acq On : 18 Sep 2020 17:31
 Operator : VA/SY
 Sample : L4017-06
 Misc : 4.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-6

Quant Time: Sep 19 03:16:09 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	378479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	685967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	671516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	294451	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	228918	56.69	ug/l	0.00
Spiked Amount			Recovery	=	113.38%	
35) Dibromofluoromethane	7.91	113	219448	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	
50) Toluene-d8	10.34	98	842908	56.26	ug/l	0.00
Spiked Amount			Recovery	=	112.52%	
62) 4-Bromofluorobenzene	12.63	95	285717	55.24	ug/l	0.00
Spiked Amount			Recovery	=	110.48%	

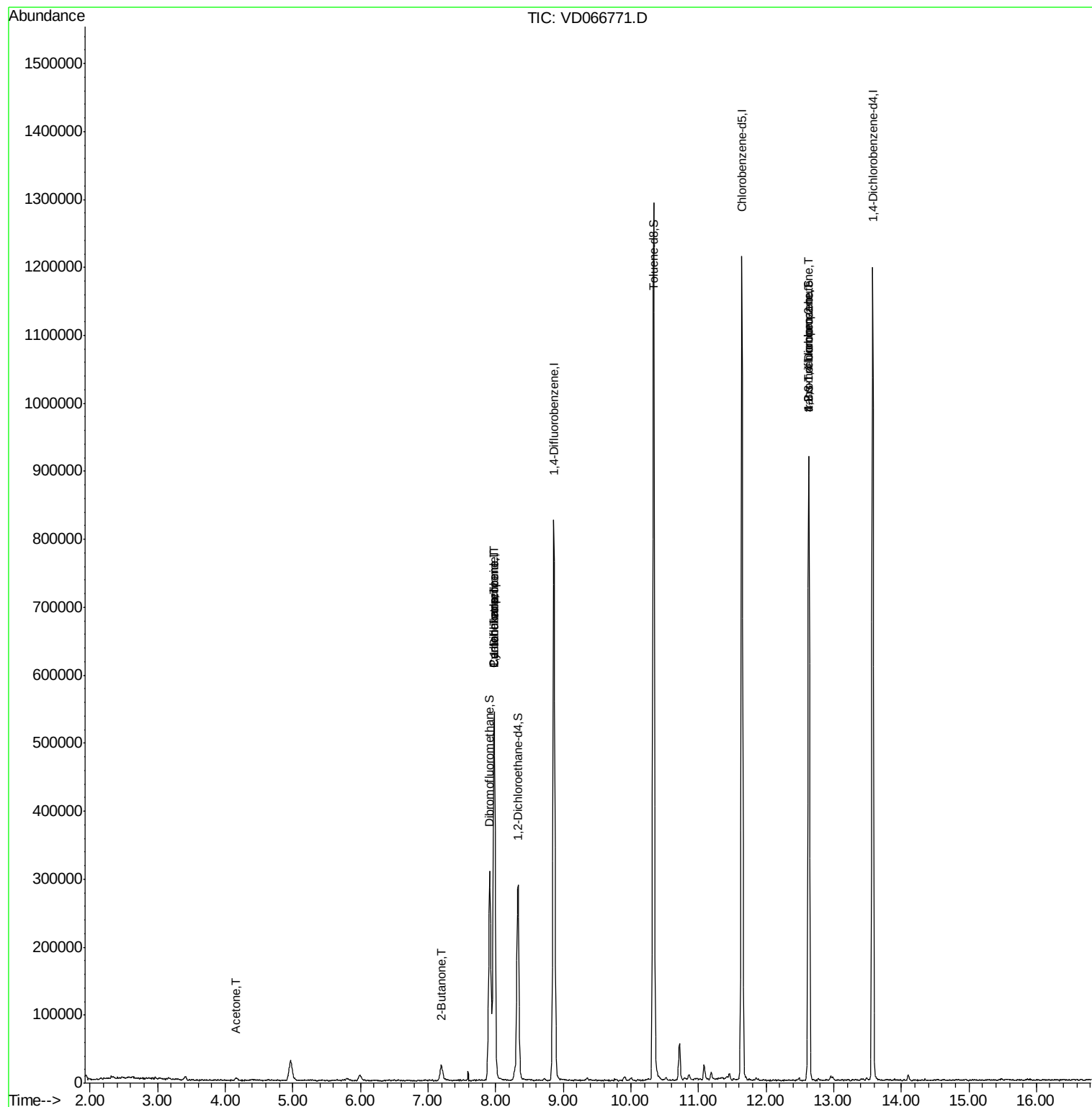
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	204	Below Cal	#	38
11) Tert butyl alcohol	5.22	59	601	Below Cal	#	76
16) Acetone	4.17	43	5638	6.856	ug/l	91
18) Methyl Acetate	4.65	43	57	Below Cal	#	52
20) Methylene Chloride	4.97	84	22206	Below Cal		94
25) 2-Butanone	7.19	43	1762	1.646	ug/l #	49
31) Cyclohexane	7.98	56	10770	1.510	ug/l #	43
36) 1,1-Dichloropropene	7.98	75	34796	4.934	ug/l #	50
38) Carbon Tetrachloride	7.97	117	42590	5.687	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	154953	61.480	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	154953	132.684	ug/l #	8

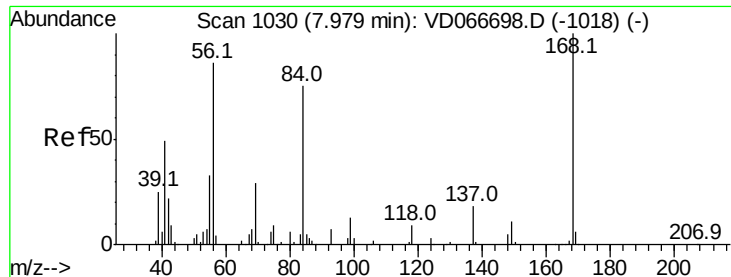
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091820\
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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: VD066771.D

Acq: 18 Sep 2020 17:31

Instrument :

MSVOA_D

ClientSampleId :

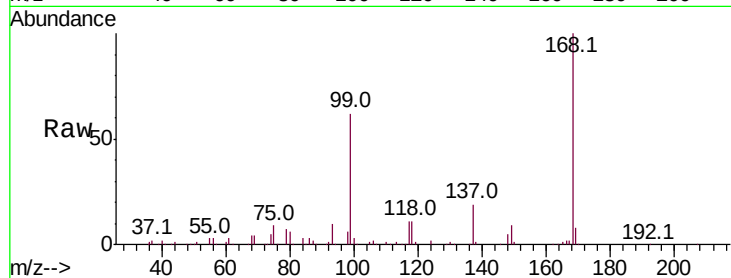
SS-6

Tot Ion:168 Resp: 378479

Ion Ratio Lower Upper

168 100

99 61.7 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

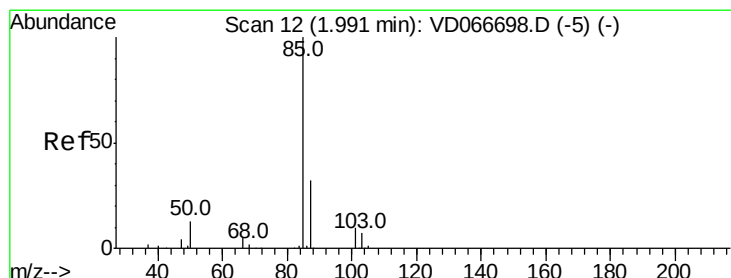
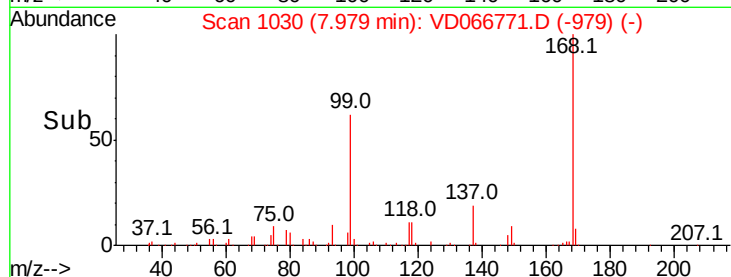
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066771.D

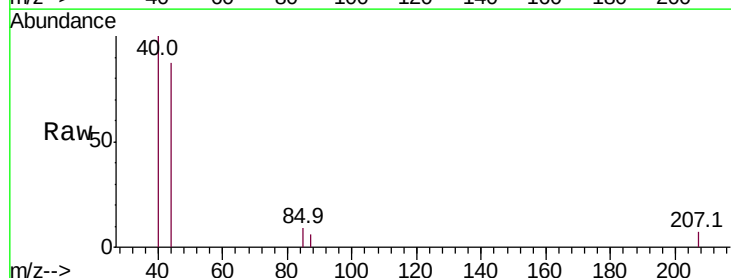
Acq: 18 Sep 2020 17:31

Tgt Ion: 85 Resp: 204

Ion Ratio Lower Upper

85 100

87 66.0 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

250

200

150

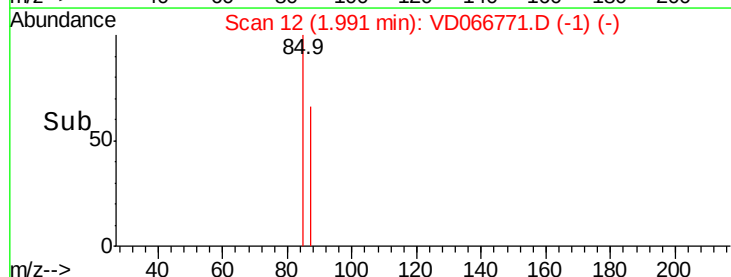
100

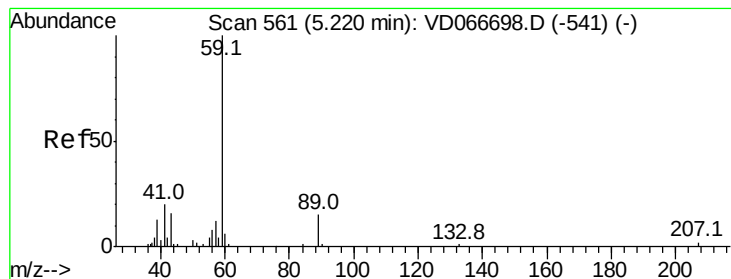
50

0

Time-->

1.96 1.98 2.00 2.02



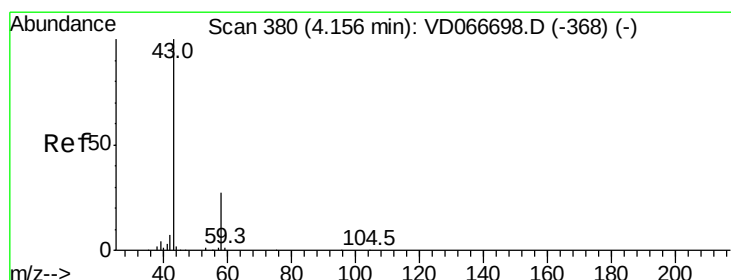
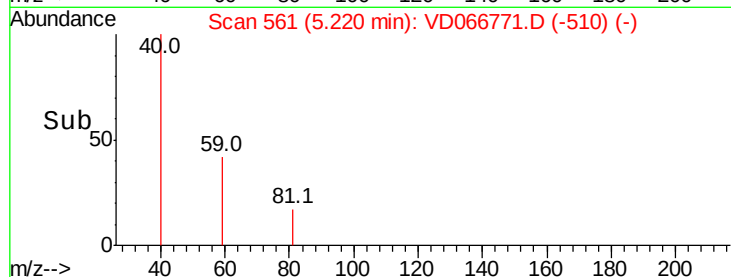
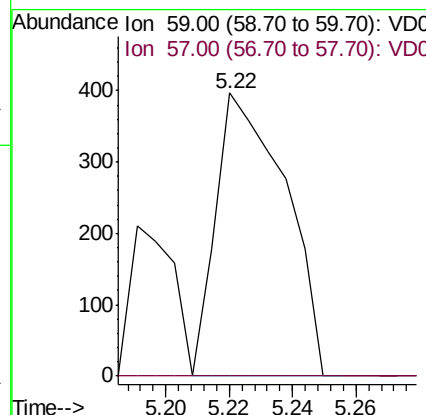
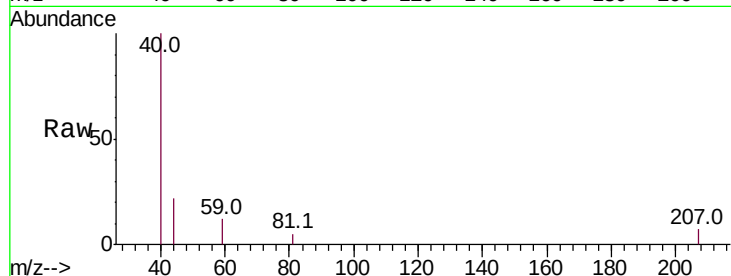


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066771.D
Acq: 18 Sep 2020 17:31

Instrument :
MSVOA_D
ClientSampleId :
SS-6

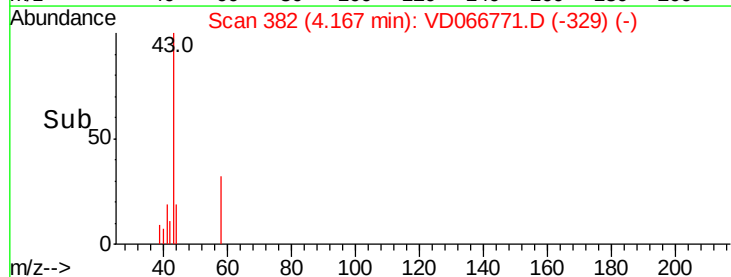
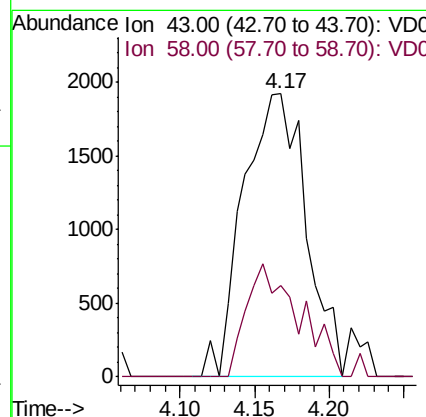
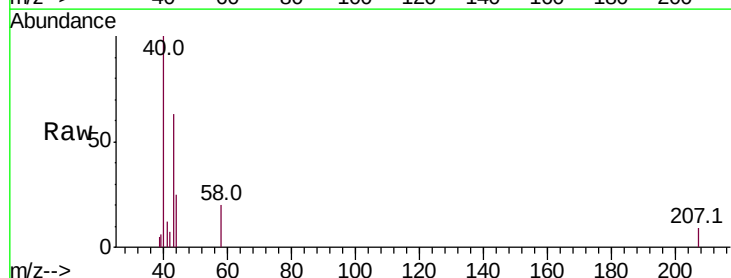
Tot Ion: 59 Resp: 601
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#

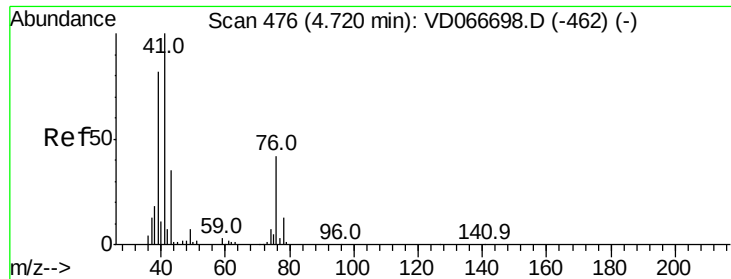


#16

Acetone
Concen: 6.856 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD066771.D
Acq: 18 Sep 2020 17:31

Tgt Ion: 43 Resp: 5638
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9

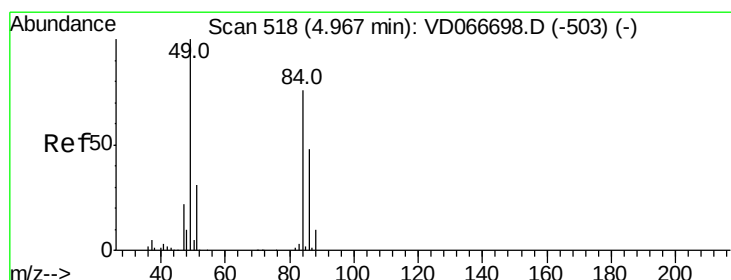
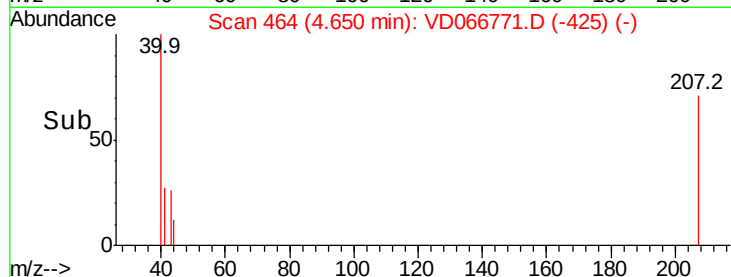
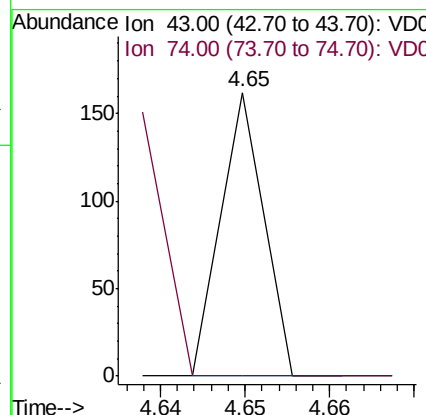
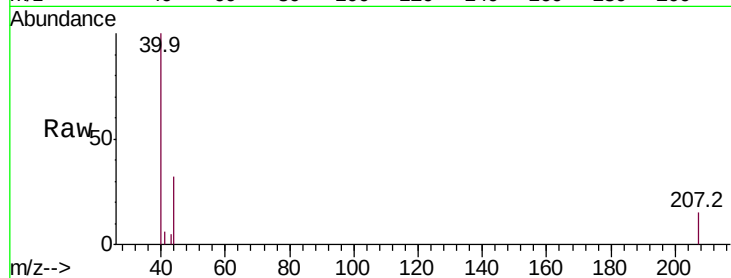




#18
Methyl Acetate
Concen: Below Cal
RT: 4.65 min Scan# 464
Delta R.T. -0.07 min
Lab File: VD066771.D
Acq: 18 Sep 2020 17:31

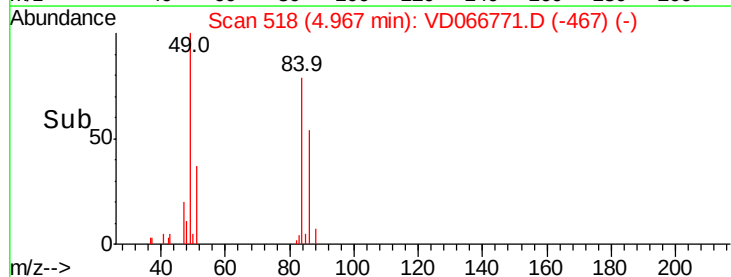
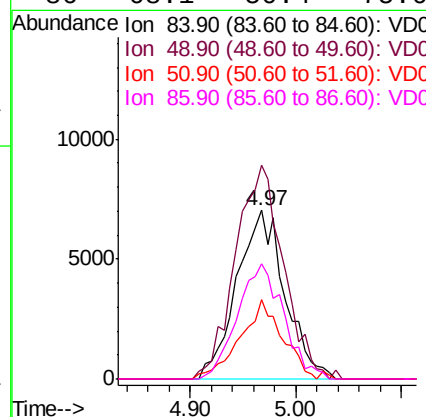
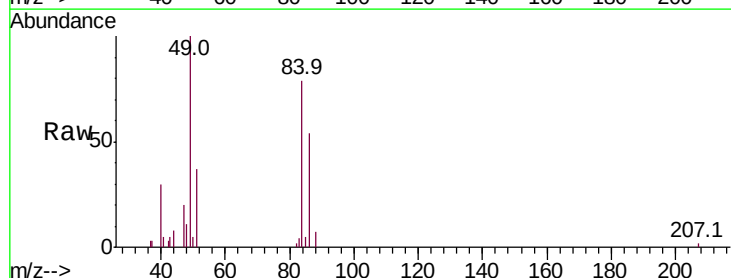
Instrument :
MSVOA_D
ClientSampleId :
SS-6

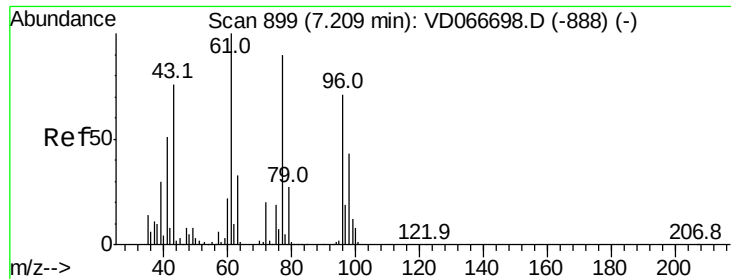
Tot Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066771.D
Acq: 18 Sep 2020 17:31

Tgt Ion: 84 Resp: 22206
Ion Ratio Lower Upper
84 100
49 126.6 105.0 157.6
51 46.8 32.2 48.4
86 68.1 50.4 75.6

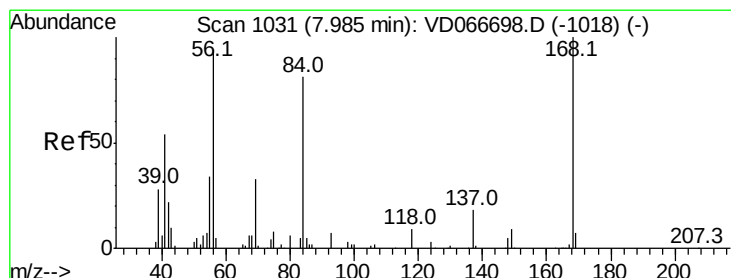
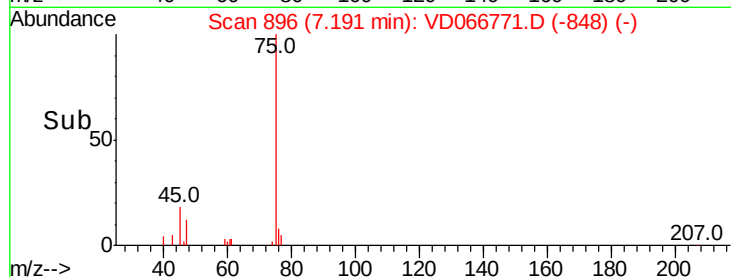
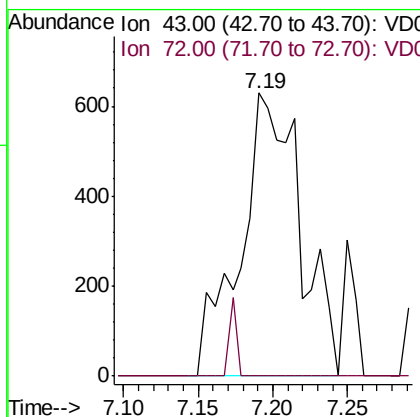
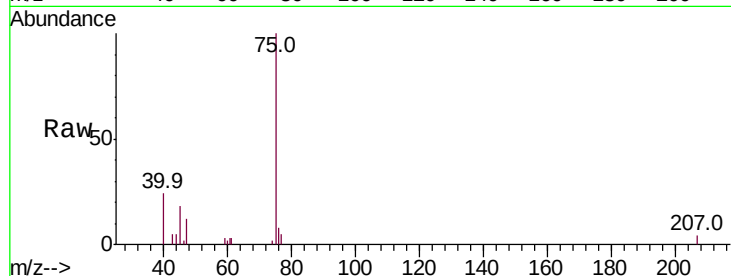




#25
2-Butanone
Concen: 1.646 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD066771.D
Acq: 18 Sep 2020 17:31

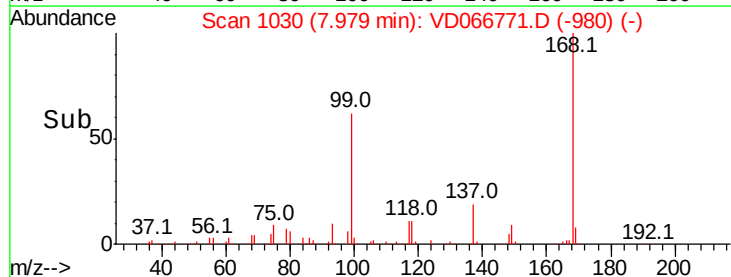
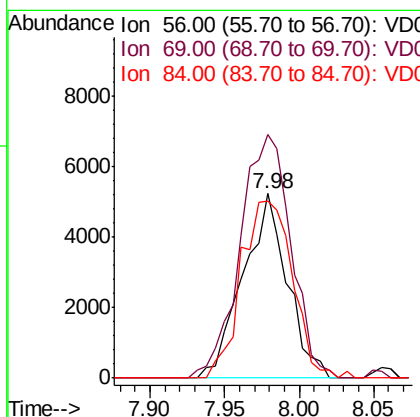
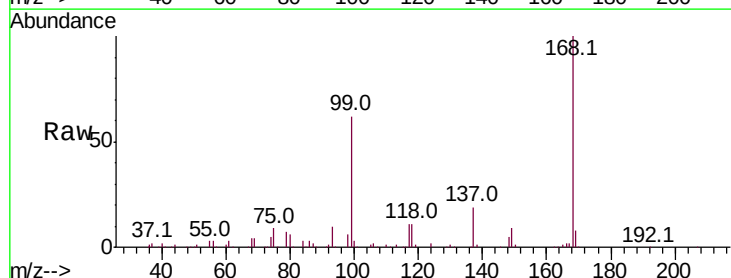
Instrument :
MSVOA_D
ClientSampled :
SS-6

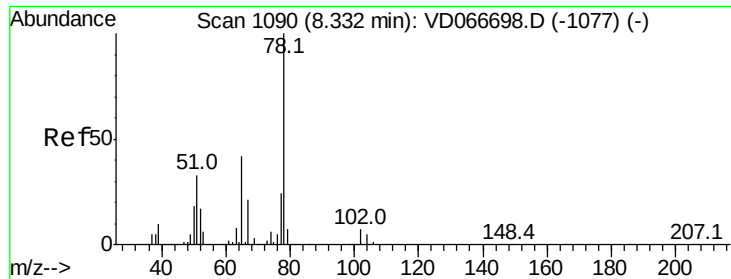
Tot Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.510 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066771.D
Acq: 18 Sep 2020 17:31

Tgt Ion: 56 Resp: 10770
Ion Ratio Lower Upper
56 100
69 132.0 27.7 41.5#
84 95.9 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 56.689 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

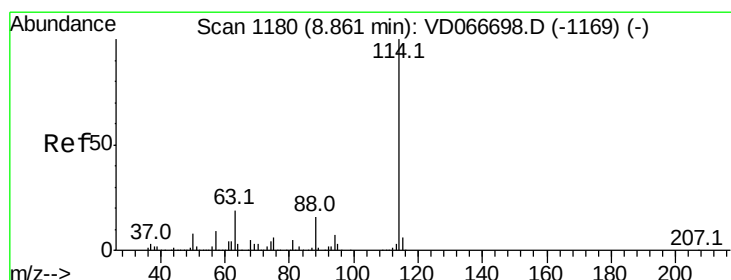
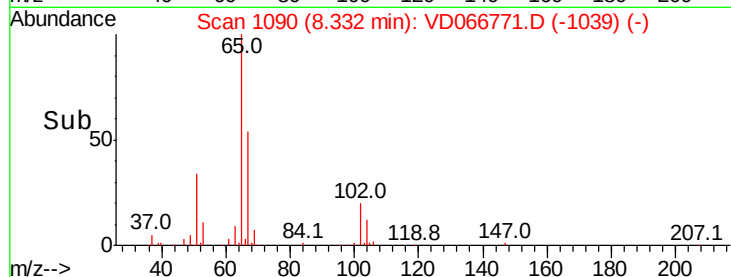
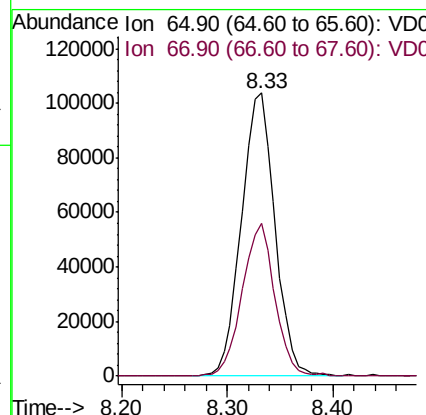
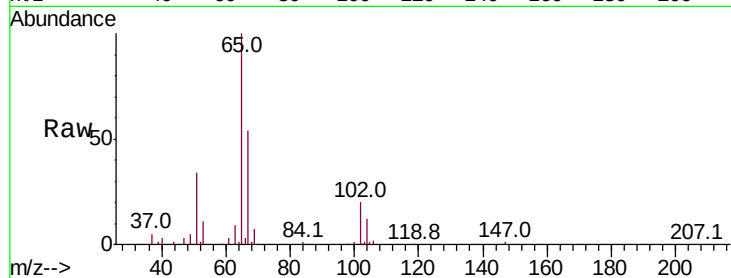
Lab File: VD066771.D

Acq: 18 Sep 2020 17:31

Instrument :
MSVOA_D
ClientSampleId :
SS-6

Tot Ion: 65 Resp: 228918

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

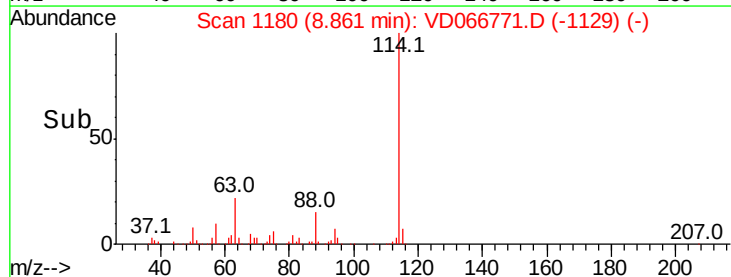
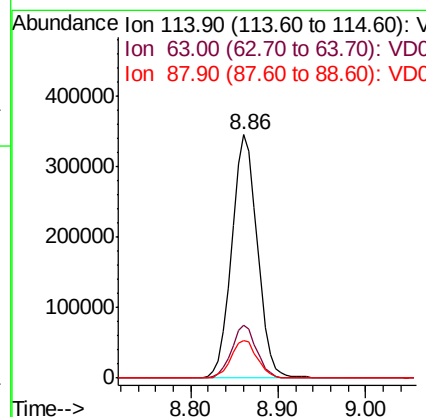
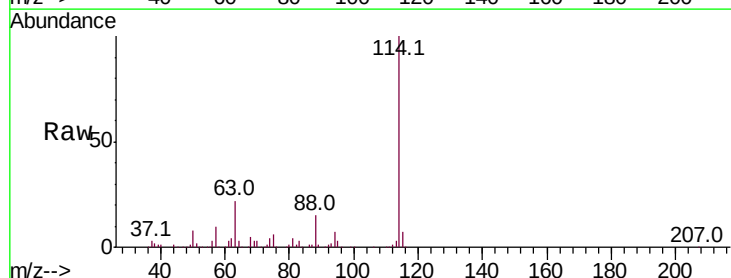
Delta R.T. -0.00 min

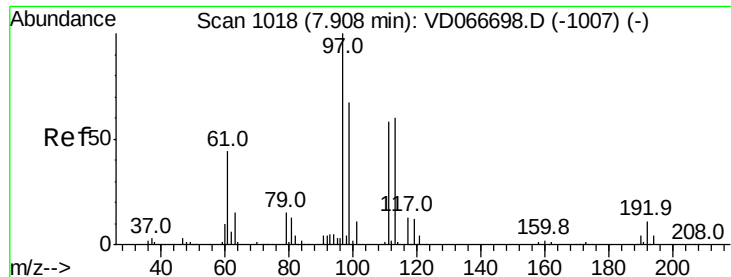
Lab File: VD066771.D

Acq: 18 Sep 2020 17:31

Tgt Ion: 114 Resp: 685967

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	37.6
88	15.2	0.0	32.2

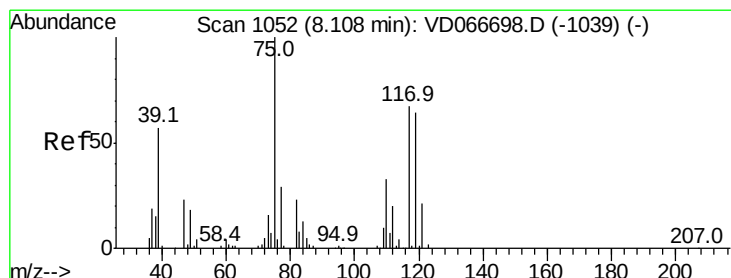
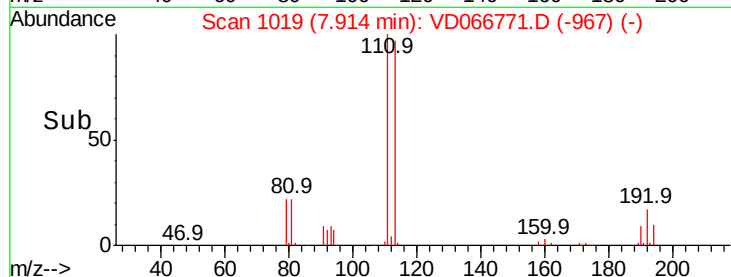
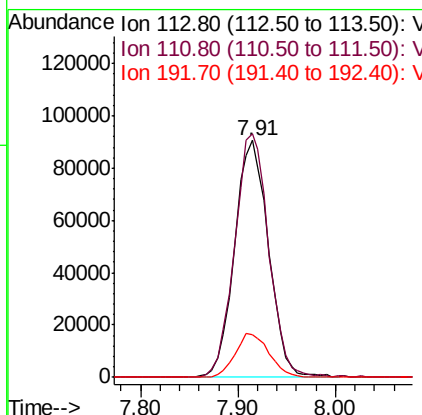
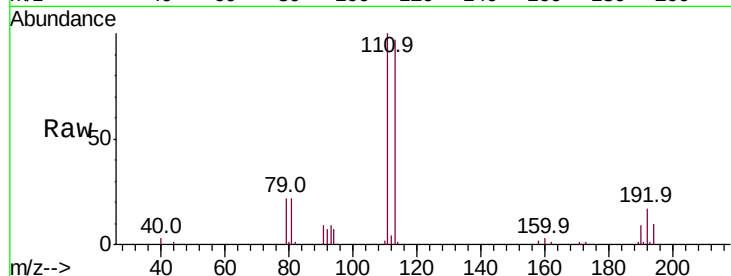




#35
 Dibromofluoromethane
 Concen: 52.180 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066771.D
 Acq: 18 Sep 2020 17:31

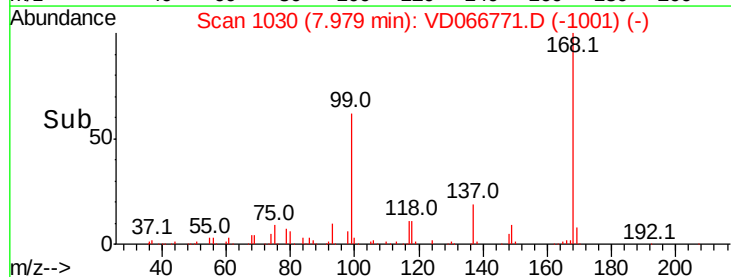
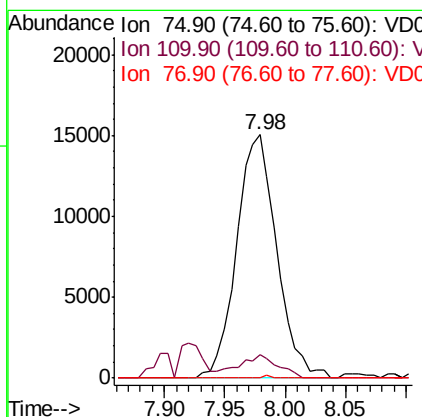
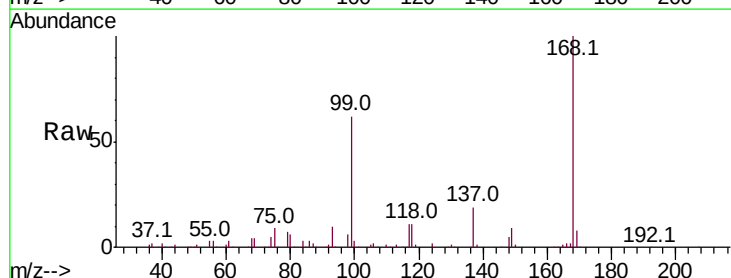
Instrument :
 MSVOA_D
 ClientSampled :
 SS-6

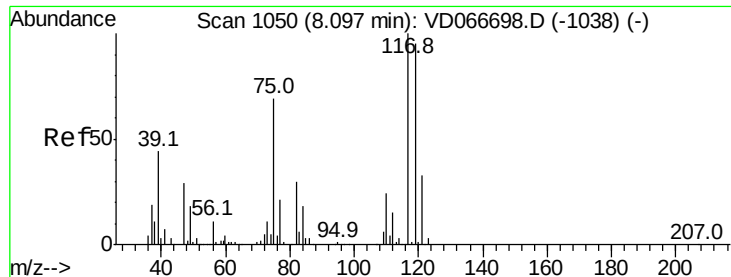
Tot Ion:113 Resp: 219448
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.2 124.8
 192 18.4 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.934 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066771.D
 Acq: 18 Sep 2020 17:31

Tgt Ion: 75 Resp: 34796
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.1 51.2#
 77 0.2 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.687 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066771.D

Acq: 18 Sep 2020 17:31

Instrument :

MSVOA_D

ClientSampled :

SS-6

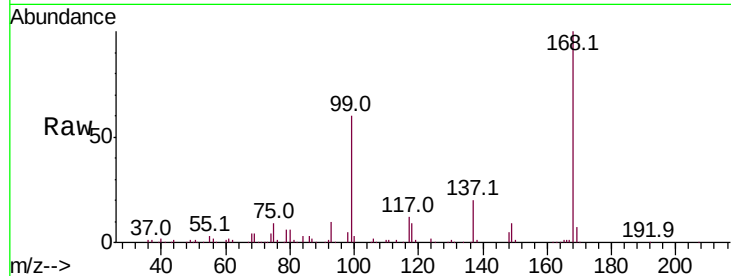
Tot Ion:117 Resp: 42590

Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

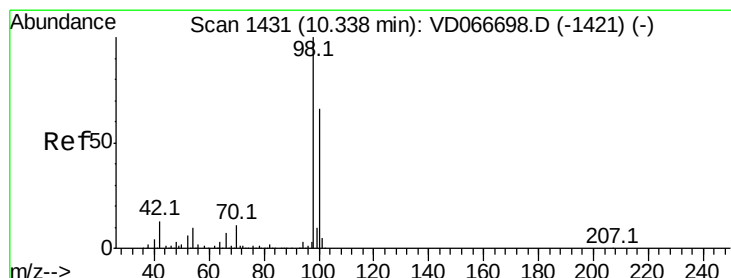
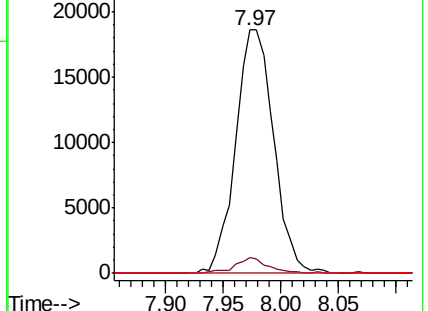
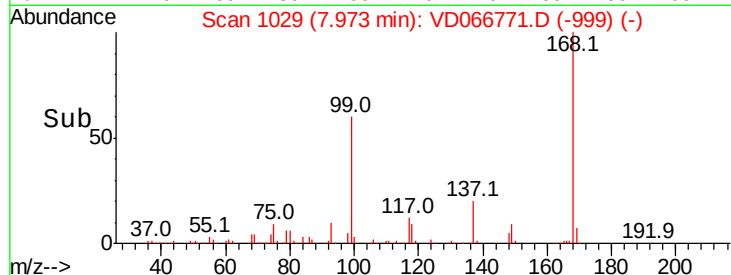
121 0.0 26.2 39.4#



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: 56.255 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066771.D

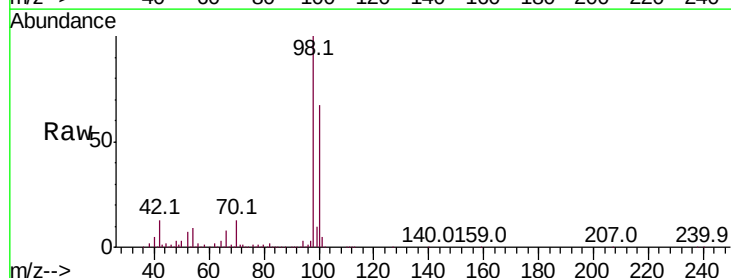
Acq: 18 Sep 2020 17:31

Tgt Ion: 98 Resp: 842908

Ion Ratio Lower Upper

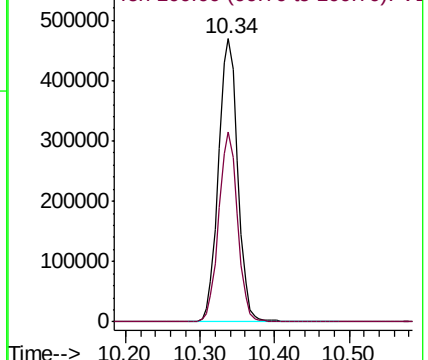
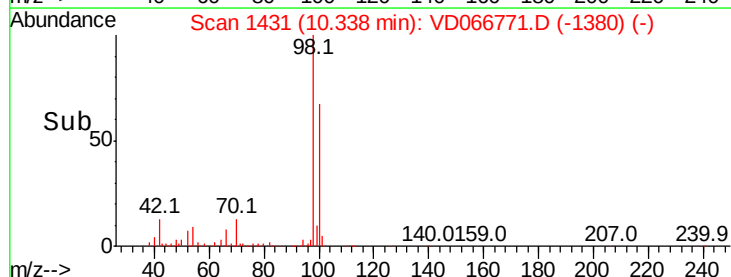
98 100

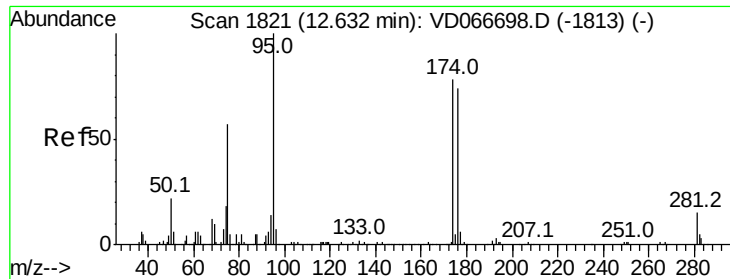
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

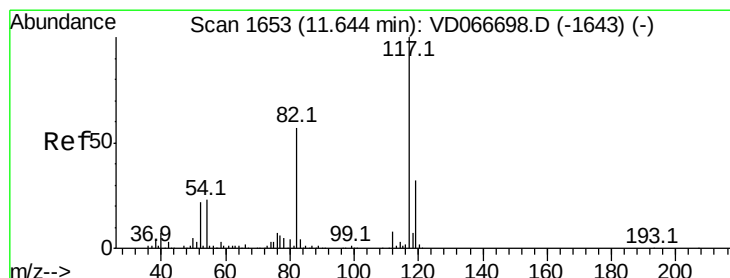
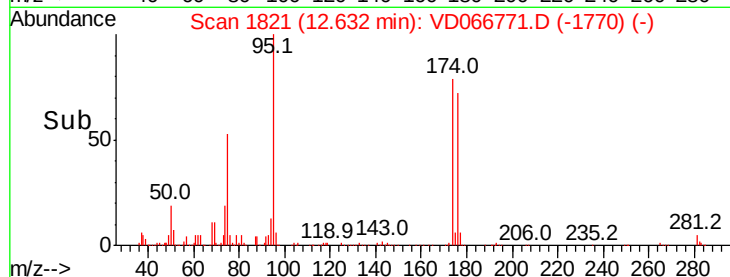
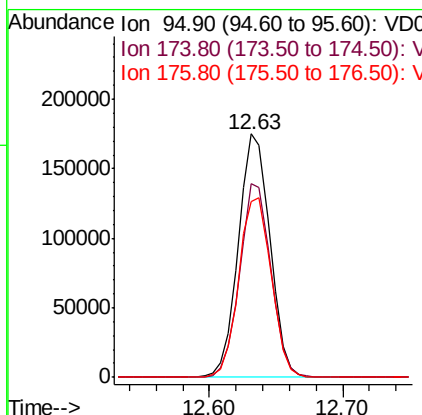
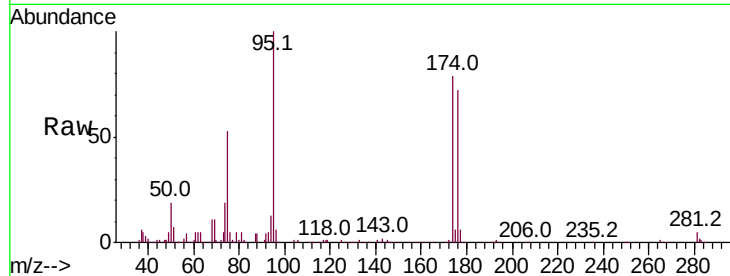




#62
4-Bromofluorobenzene
Concen: 55.241 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066771.D
Acq: 18 Sep 2020 17:31

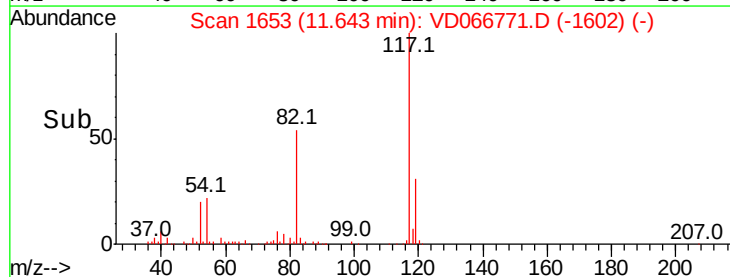
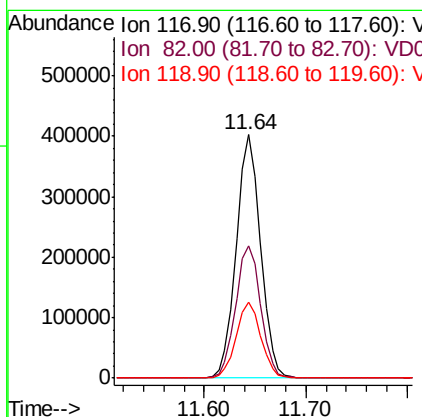
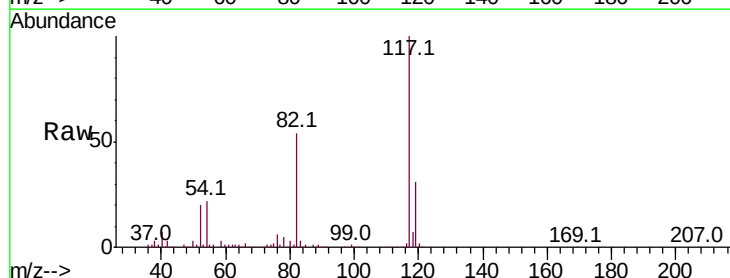
Instrument :
MSVOA_D
ClientSampleId :
SS-6

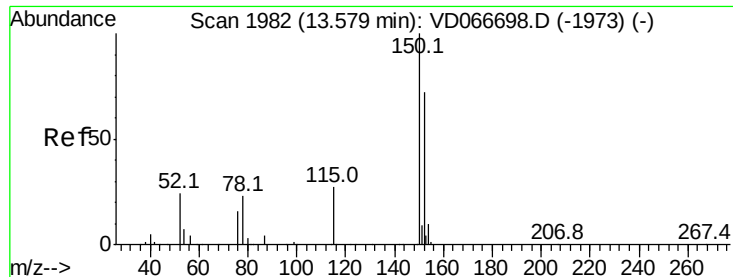
Tot Ion: 95 Resp: 285717
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.6
176 75.9 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066771.D
Acq: 18 Sep 2020 17:31

Tgt Ion: 117 Resp: 671516
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.0 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: VD066771.D

Acq: 18 Sep 2020 17:31

Instrument :

MSVOA_D

ClientSampleId :

SS-6

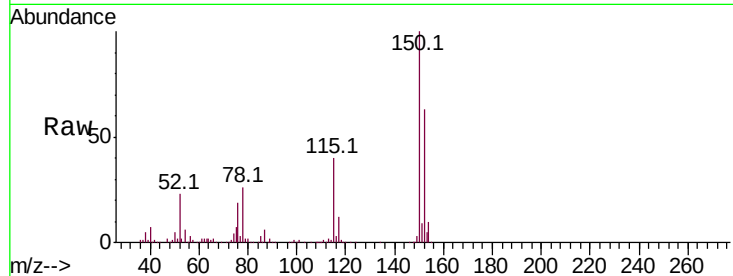
Tot Ion:152 Resp: 294451

Ion Ratio Lower Upper

152 100

115 62.7 30.5 91.5

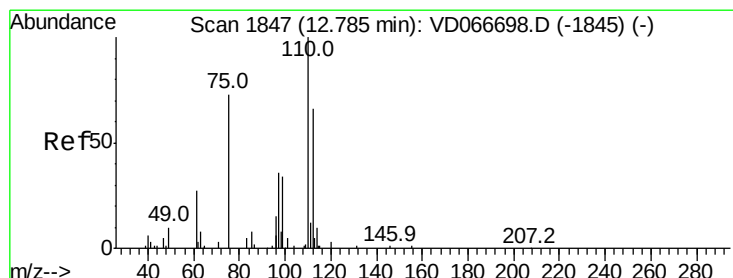
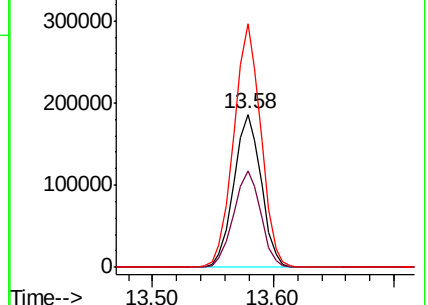
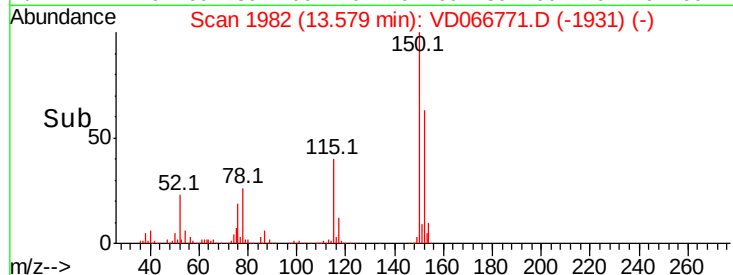
150 157.4 0.0 344.6



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: 61.480 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066771.D

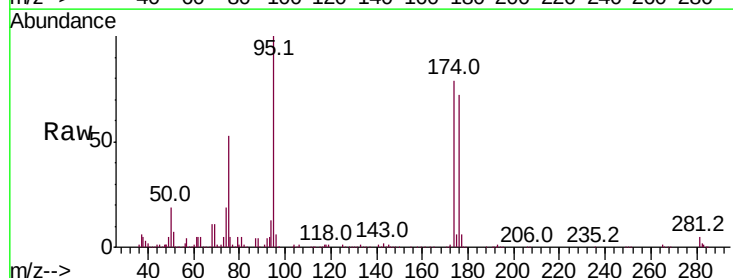
Acq: 18 Sep 2020 17:31

Tgt Ion: 75 Resp: 154953

Ion Ratio Lower Upper

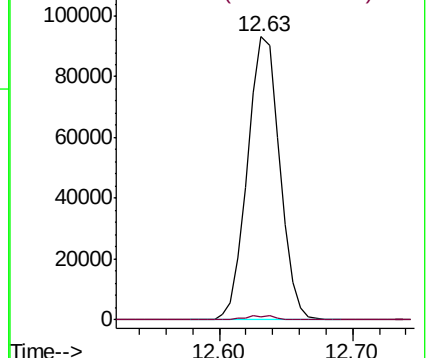
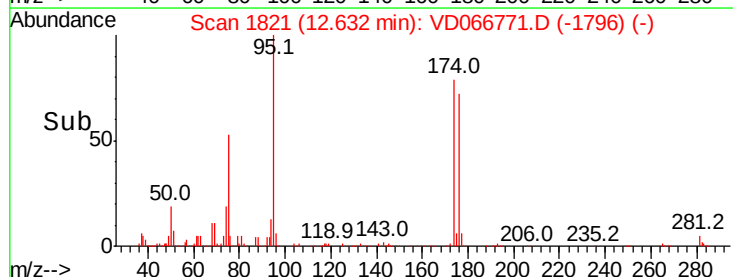
75 100

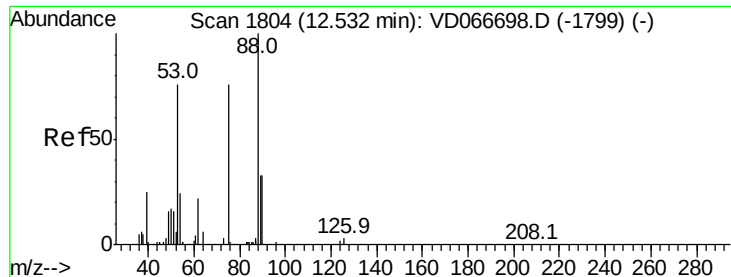
77 1.3 0.0 0.0#



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: 132.684 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066771.D

Acq: 18 Sep 2020 17:31

Instrument :

MSVOA_D

ClientSampleId :

SS-6

Tot Ion: 75 Resp: 154953

Ion Ratio Lower Upper

75 100

53 0.1 82.2 123.4#

89 0.2 39.6 59.4#

