

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066680.D
 Acq On : 14 Sep 2020 20:09
 Operator : VA/SY
 Sample : VD0914SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 02:40:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	310261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	587420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	538323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229969	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	245176	65.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.62%	
35) Dibromofluoromethane	7.91	113	216787	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
50) Toluene-d8	10.34	98	728936	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.63	95	240836	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	

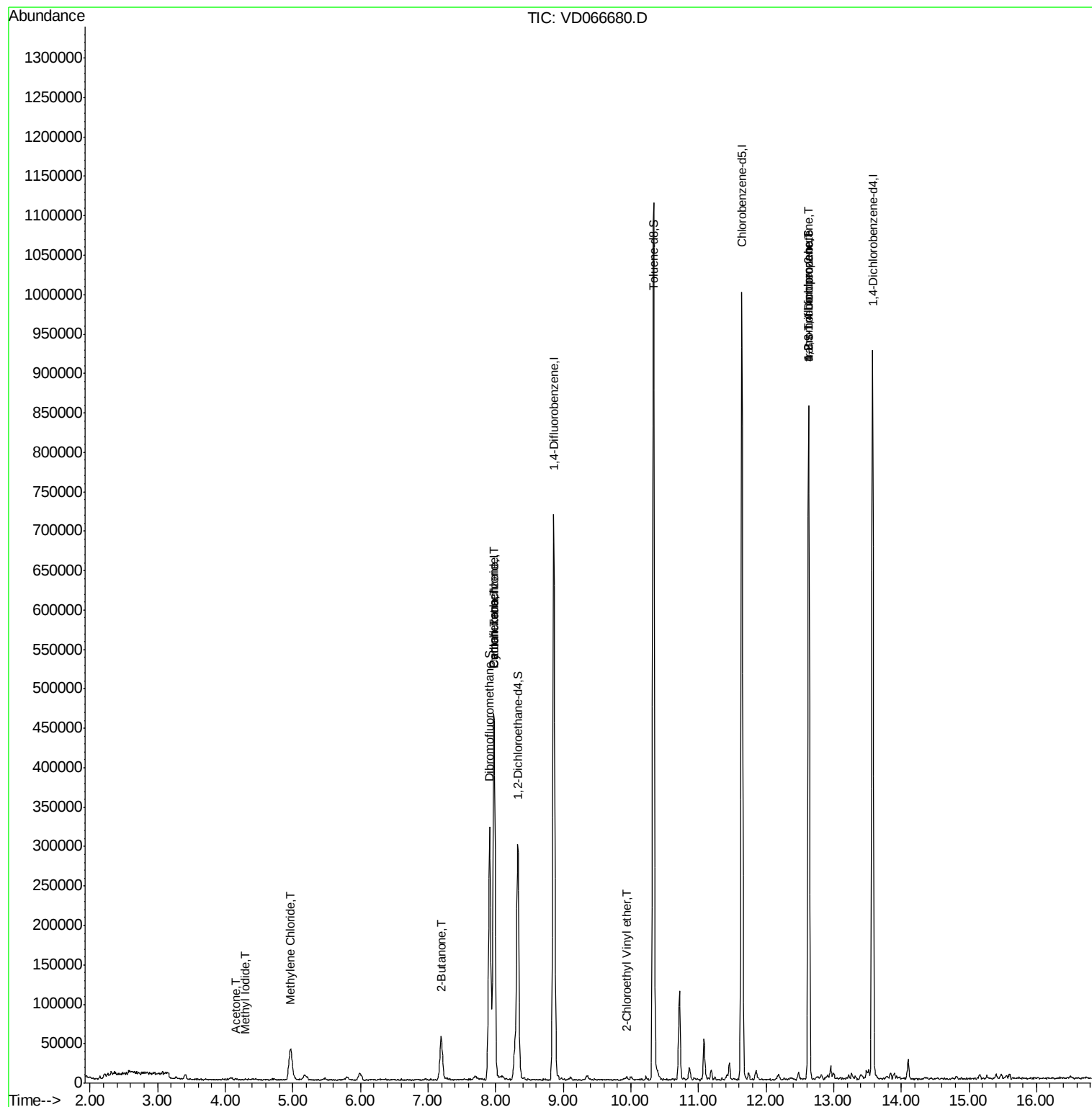
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1238	Below Cal	#	46
5) Bromomethane	2.78	94	2008	Below Cal	#	55
10) Methyl Iodide	4.30	142	1227	4.379	ug/l #	56
11) Tert butyl alcohol	5.19	59	7161	Below Cal	#	77
16) Acetone	4.16	43	2052	2.971	ug/l #	88
20) Methylene Chloride	4.96	84	29267	1.333	ug/l	96
25) 2-Butanone	7.19	43	2781	2.999	ug/l #	86
31) Cyclohexane	7.97	56	10848	1.771	ug/l #	13
38) Carbon Tetrachloride	7.98	117	35528	5.498	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.93	63	1674	1.052	ug/l #	82
76) 1,2,3-Trichloropropane	12.63	75	138840	62.776	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	138840	146.559	ug/l #	7

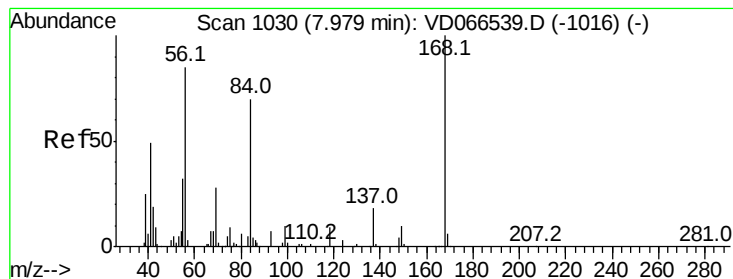
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
Data File : VD066680.D
Acq On : 14 Sep 2020 20:09
Operator : VA/SY
Sample : VD0914SBL02
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 15 02:40:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 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: VD066680.D

Acq: 14 Sep 2020 20:09

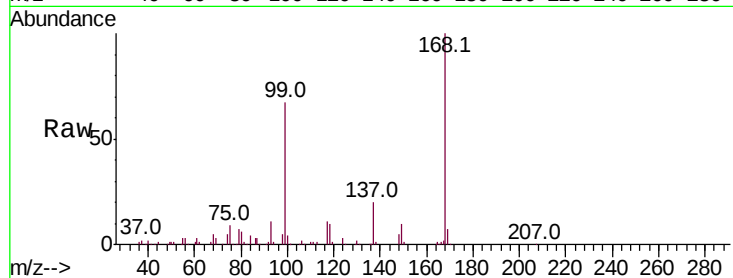
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 310261

Ion Ratio Lower Upper

168 100

99 67.2 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

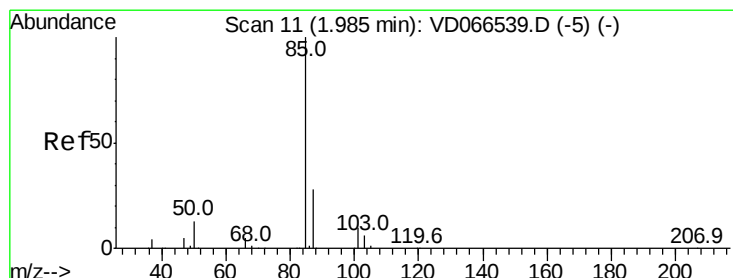
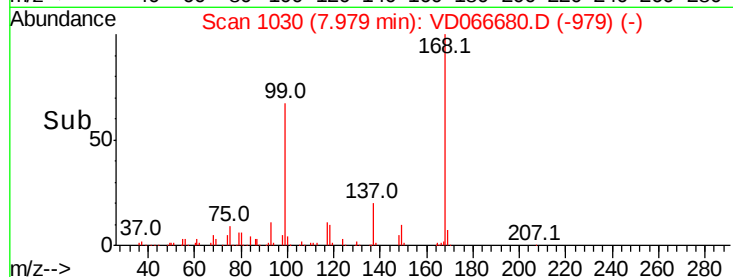
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066680.D

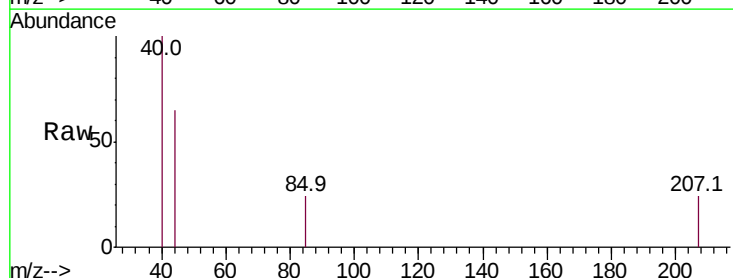
Acq: 14 Sep 2020 20:09

Tgt Ion: 85 Resp: 1238

Ion Ratio Lower Upper

85 100

87 0.0 14.2 42.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1000

800

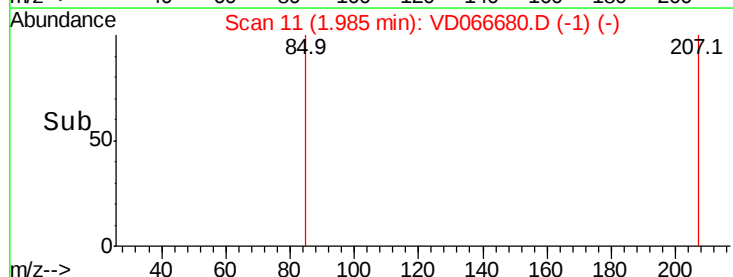
600

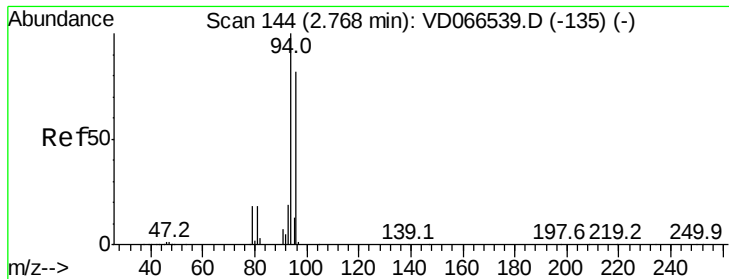
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066680.D

Acq: 14 Sep 2020 20:09

Instrument :

MSVOA_D

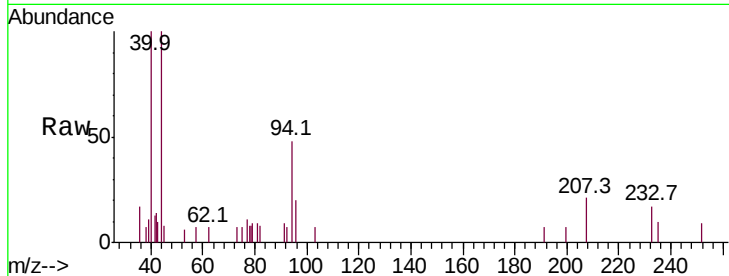
ClientSampleId :

Tot Ion: 94 Resp: 2008

Ion Ratio Lower Upper

94 100

96 41.7 65.2 97.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

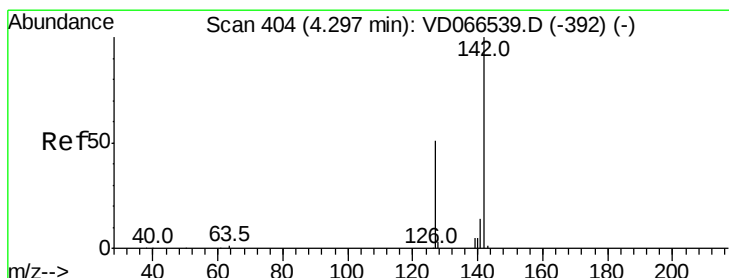
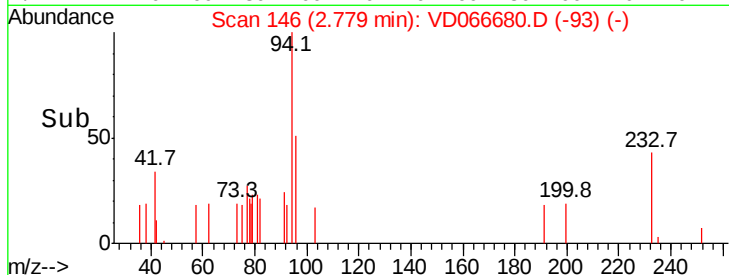
2.78

1000

500

0

Time-->



#10

Methyl Iodide

Concen: 4.379 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066680.D

Acq: 14 Sep 2020 20:09

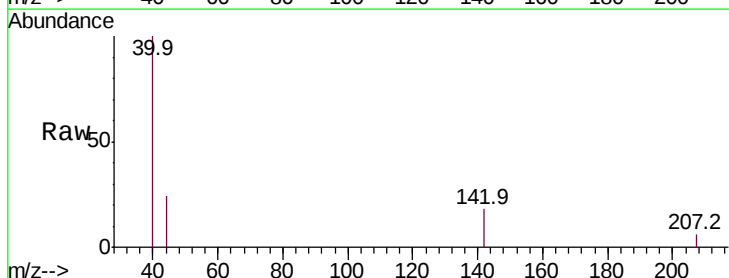
Tgt Ion: 142 Resp: 1227

Ion Ratio Lower Upper

142 100

127 18.3 40.6 61.0#

141 0.0 12.2 18.4#



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

800

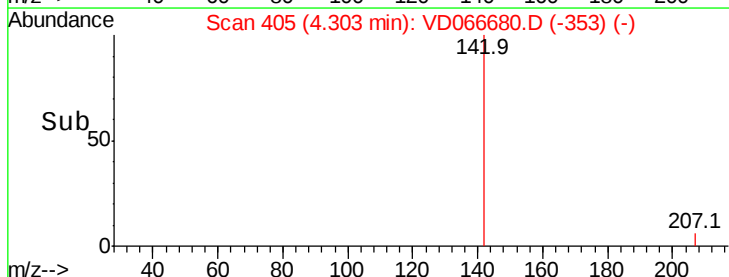
600

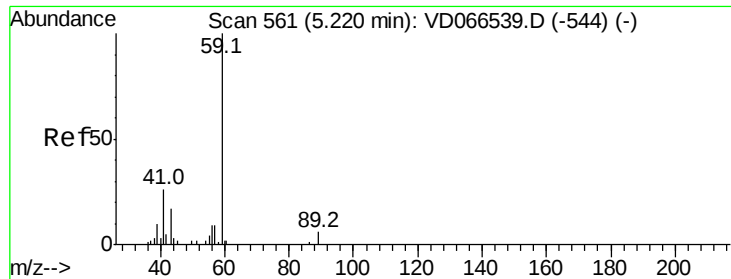
400

200

0

Time-->

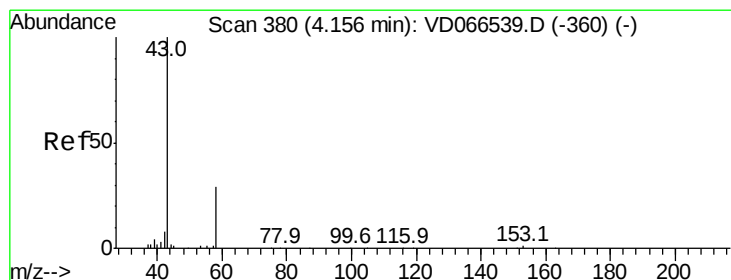
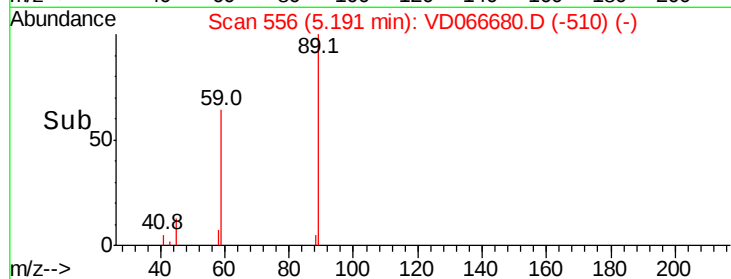
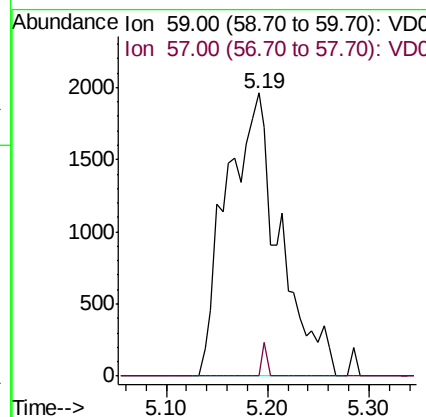
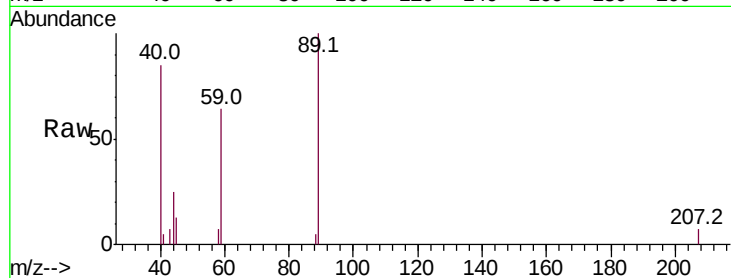




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD066680.D
Acq: 14 Sep 2020 20:09

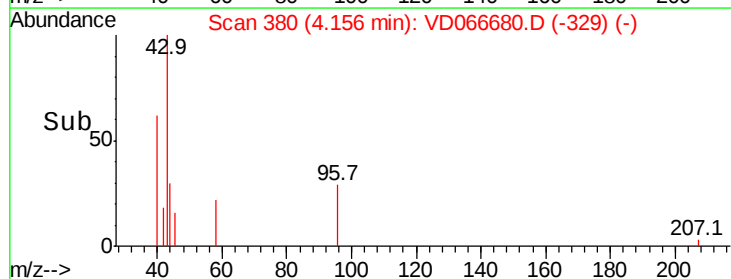
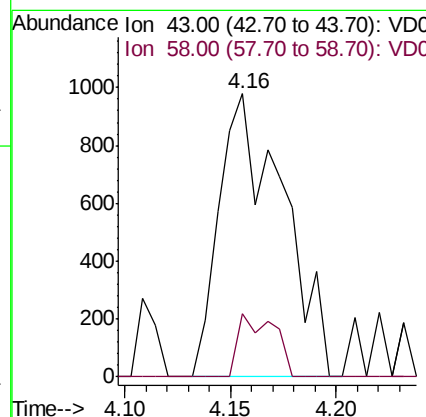
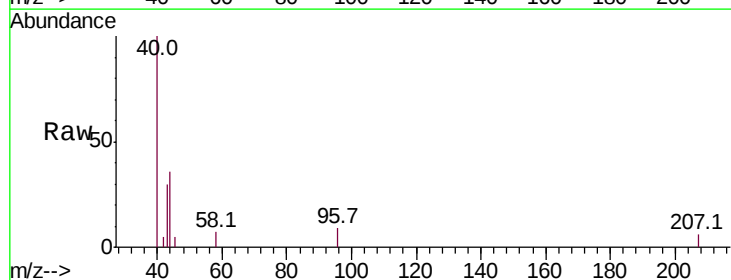
Instrument :
MSVOA_D
ClientSampleId :

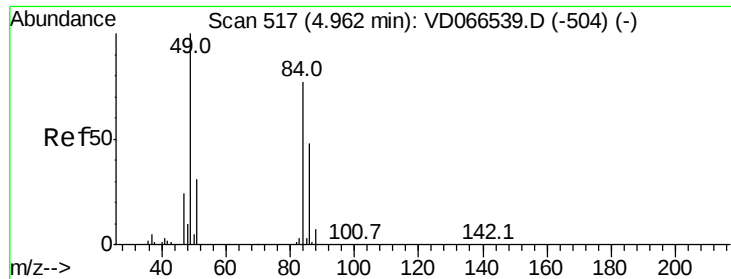
Tot Ion: 59 Resp: 7161
Ion Ratio Lower Upper
59 100
57 1.1 7.6 11.4#



#16
Acetone
Concen: 2.971 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD066680.D
Acq: 14 Sep 2020 20:09

Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
58 22.5 22.9 34.3#





#20

Methylene Chloride

Concen: 1.333 ug/l

RT: 4.96 min Scan# 517

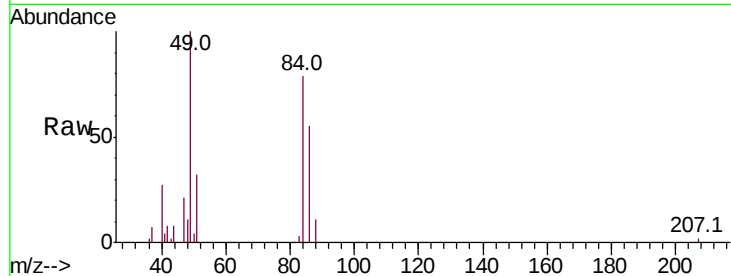
Delta R.T. 0.00 min

Lab File: VD066680.D

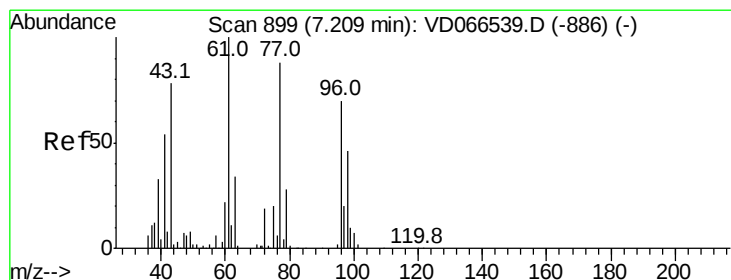
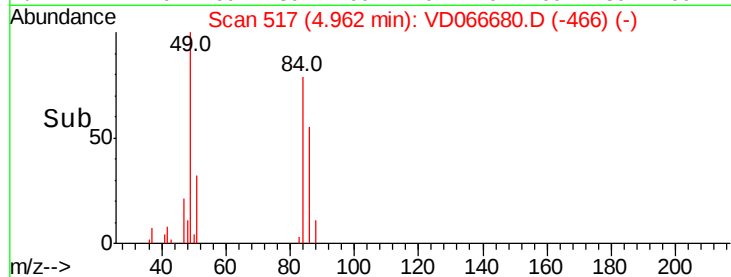
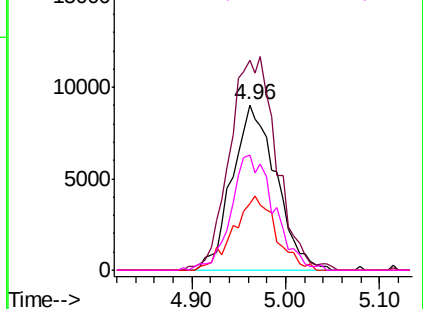
Acq: 14 Sep 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	29267
Ion	Ratio	Lower	Upper
84	100		
49	126.6	104.3	156.5
51	39.9	32.2	48.4
86	69.5	50.0	75.0



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



#25

2-Butanone

Concen: 2.999 ug/l

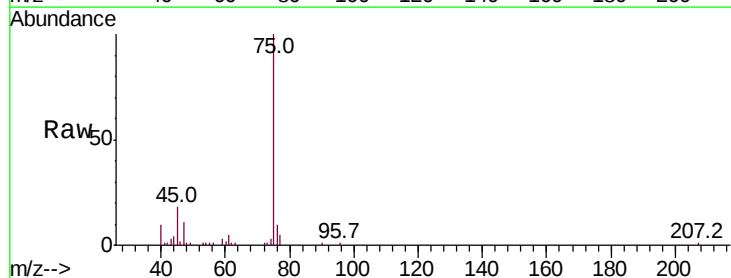
RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

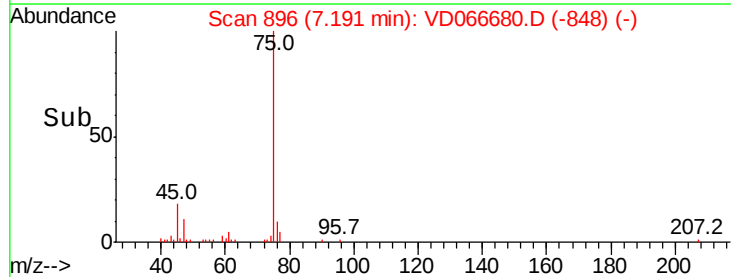
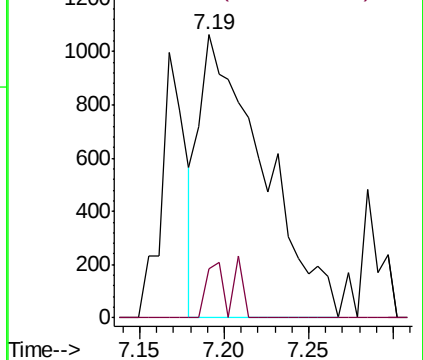
Lab File: VD066680.D

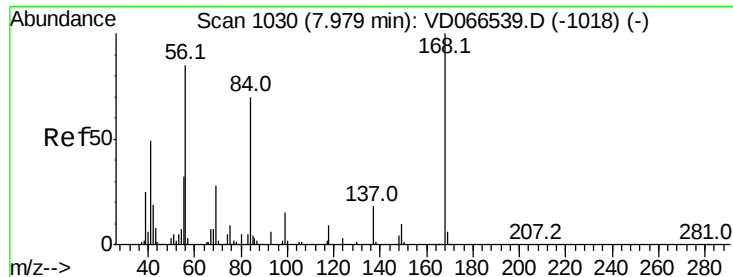
Acq: 14 Sep 2020 20:09

Tgt Ion:	43	Resp:	2781
Ion	Ratio	Lower	Upper
43	100		
72	17.5	19.8	29.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

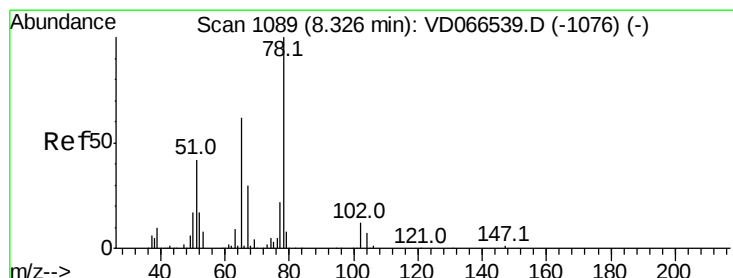
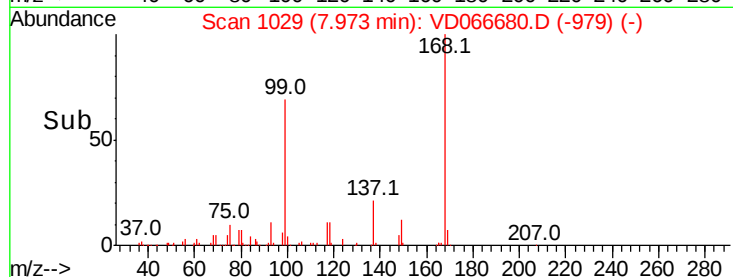
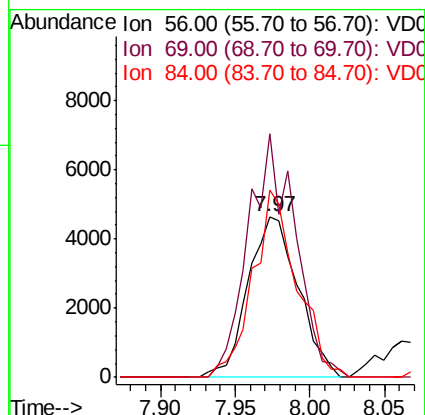
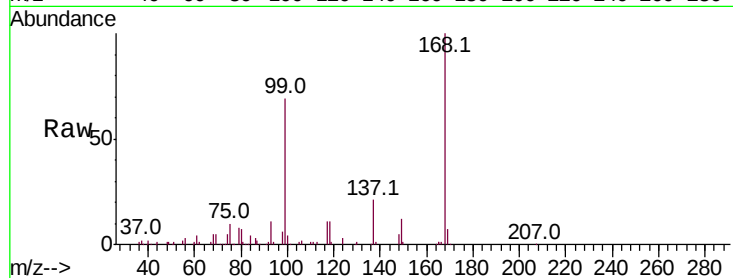




#31
Cyclohexane
Concen: 1.771 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066680.D
Acq: 14 Sep 2020 20:09

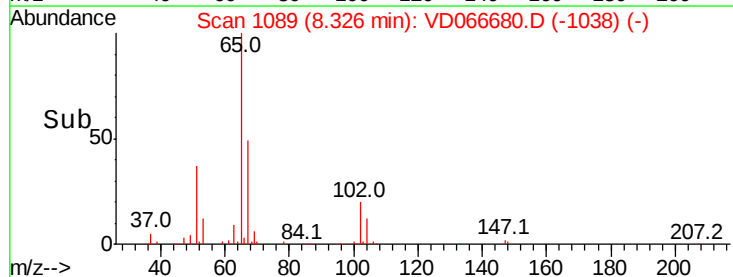
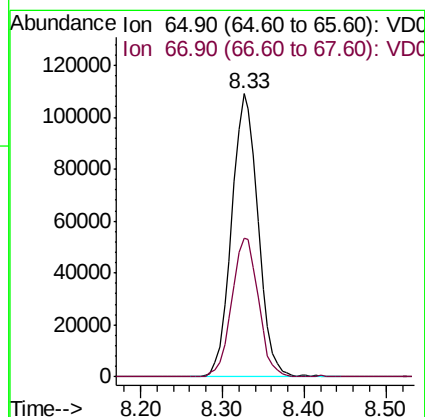
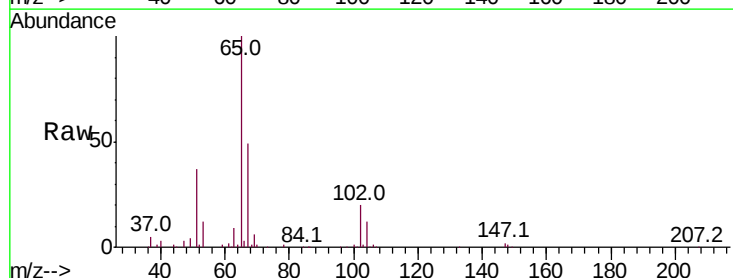
Instrument :
MSVOA_D
ClientSampleId :

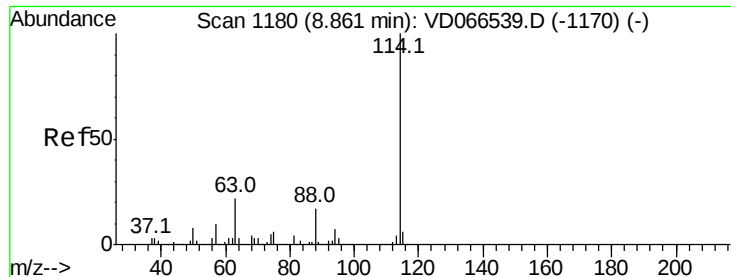
Tot Ion: 56 Resp: 10848
Ion Ratio Lower Upper
56 100
69 151.4 26.3 39.5#
84 116.2 66.1 99.1#



#33
1,2-Dichloroethane-d4
Concen: 65.313 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066680.D
Acq: 14 Sep 2020 20:09

Tgt Ion: 65 Resp: 245176
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.8

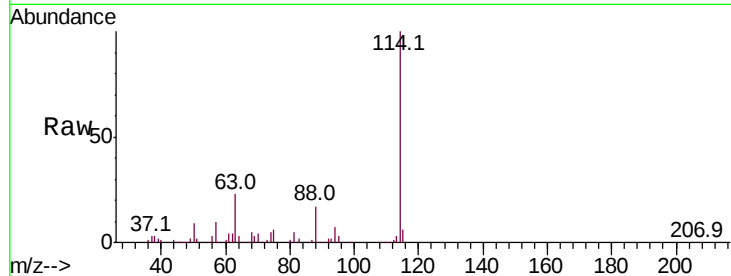




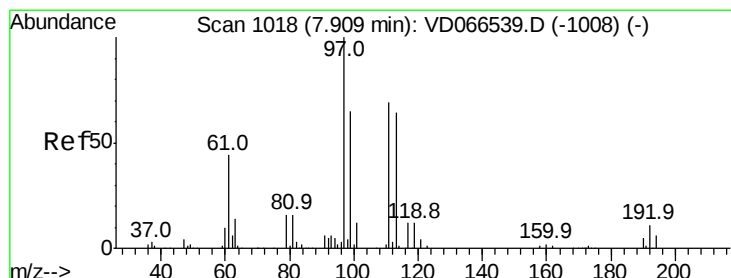
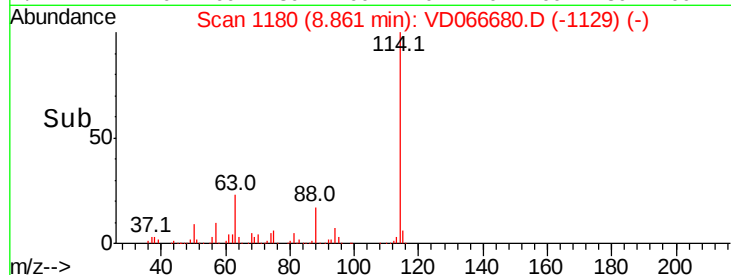
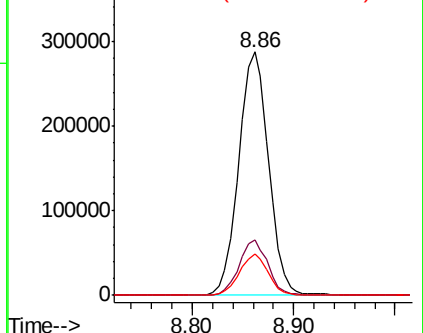
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066680.D
 Acq: 14 Sep 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 587420
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.2
 88 17.0 0.0 33.2

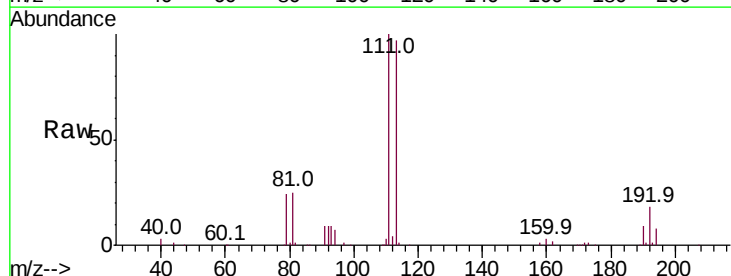


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

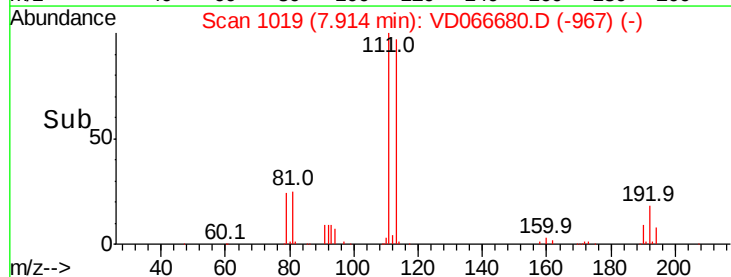
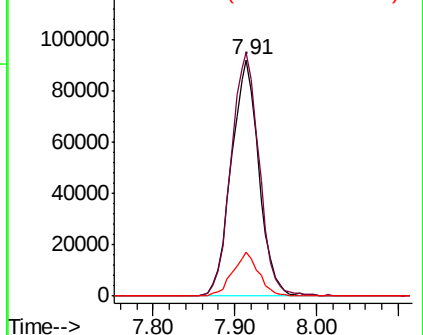


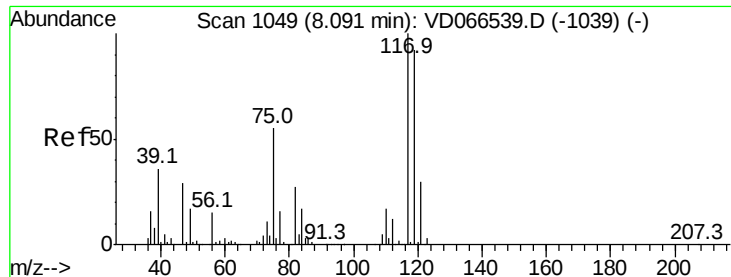
#35
 Dibromofluoromethane
 Concen: 54.706 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066680.D
 Acq: 14 Sep 2020 20:09

Tgt Ion:113 Resp: 216787
 Ion Ratio Lower Upper
 113 100
 111 105.0 83.2 124.8
 192 17.5 13.7 20.5



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





#38

Carbon Tetrachloride

Concen: 5.498 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066680.D

Acq: 14 Sep 2020 20:09

Instrument :

MSVOA_D

ClientSampled :

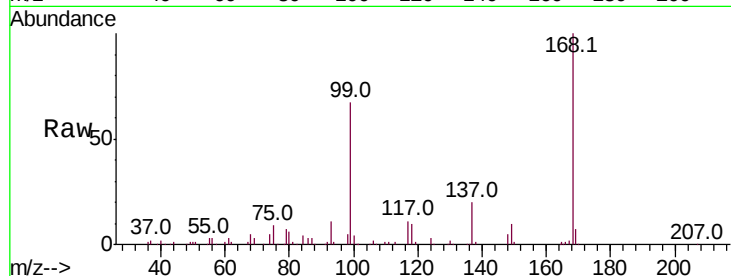
Tot Ion:117 Resp: 35528

Ion Ratio Lower Upper

117 100

119 7.9 73.9 110.9#

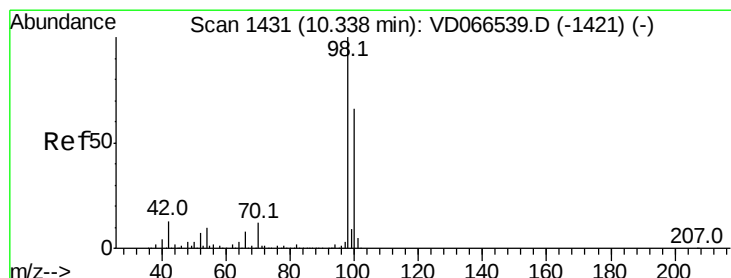
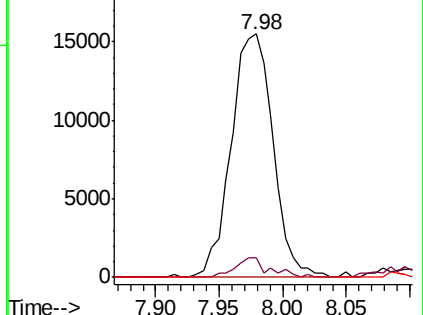
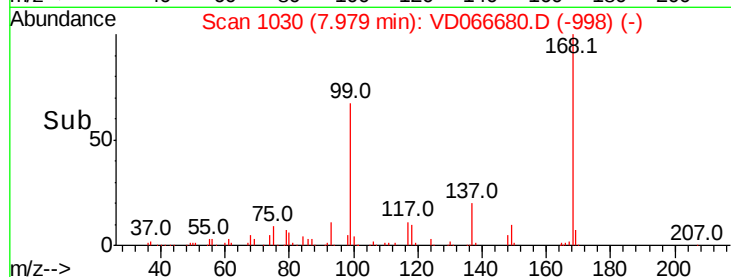
121 0.0 24.1 36.1#



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: 51.466 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066680.D

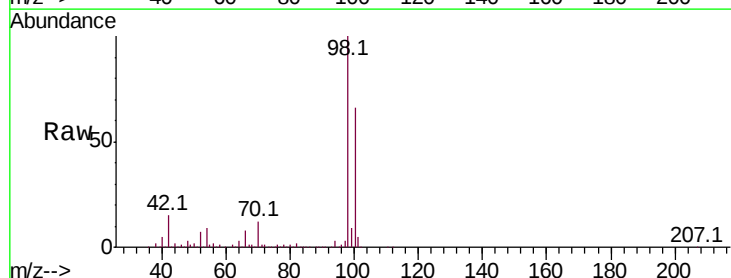
Acq: 14 Sep 2020 20:09

Tgt Ion: 98 Resp: 728936

Ion Ratio Lower Upper

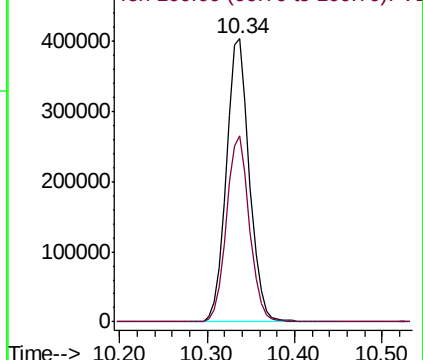
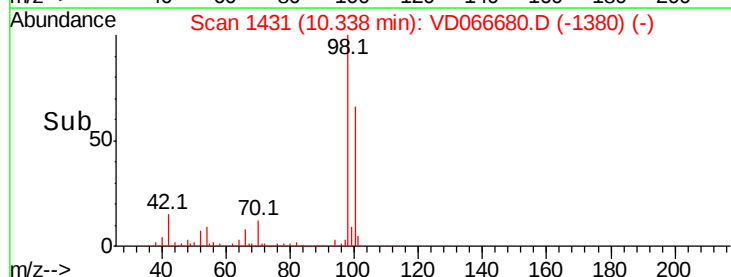
98 100

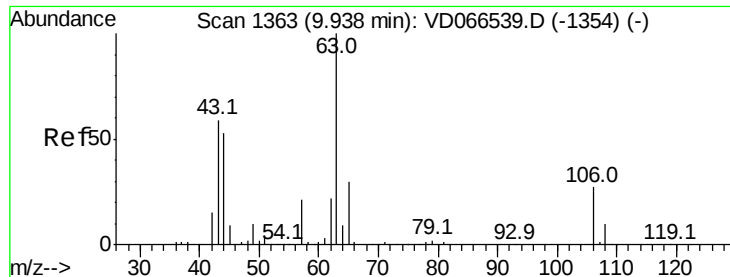
100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

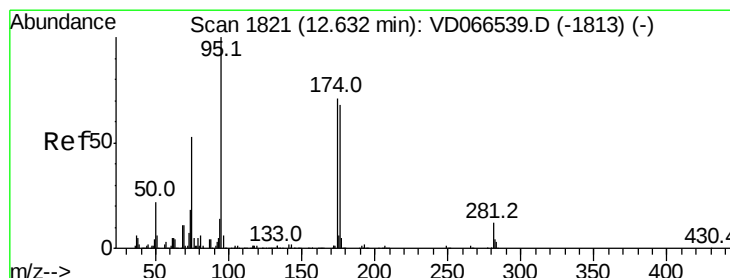
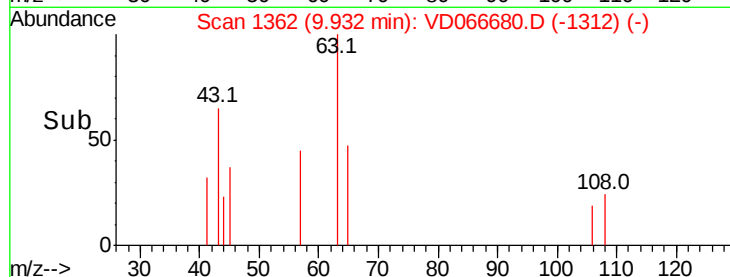
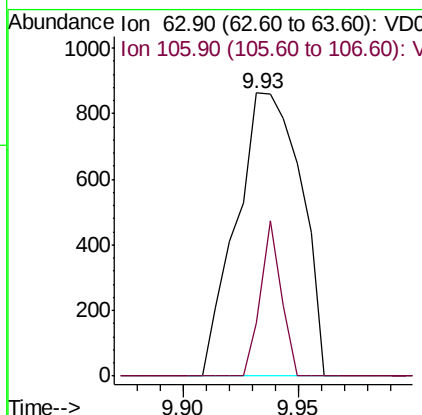
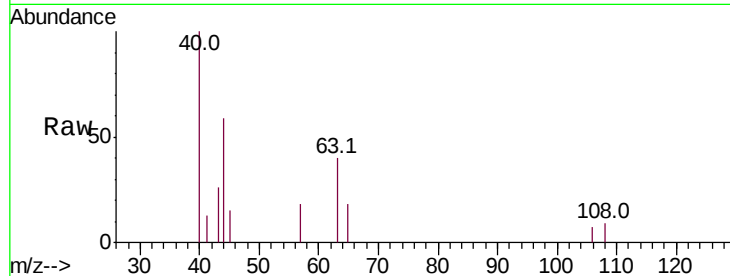




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.052 ug/l
 RT: 9.93 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VD066680.D
 Acq: 14 Sep 2020 20:09

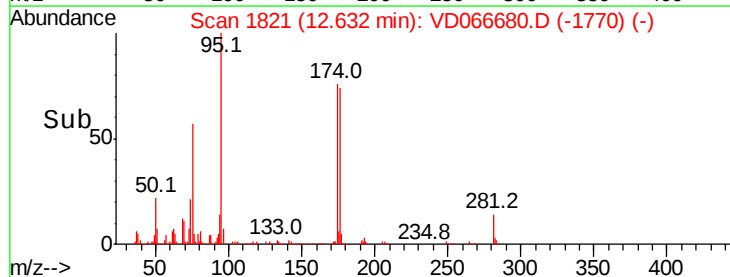
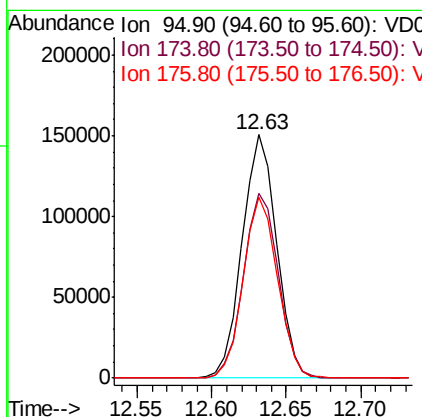
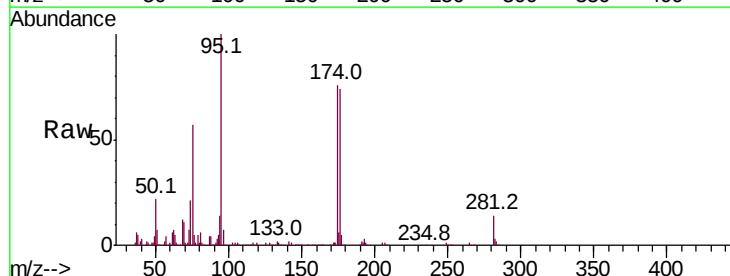
Instrument :
 MSVOA_D
 ClientSampleId :

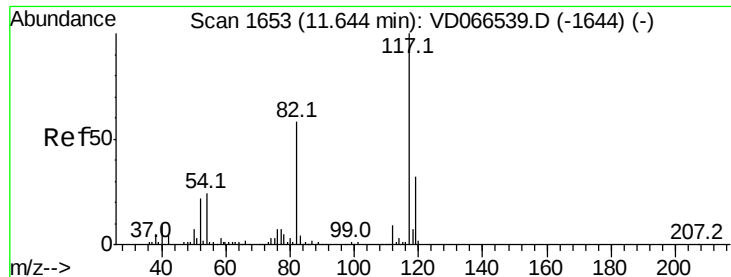
Tot Ion: 63 Resp: 1674
 Ion Ratio Lower Upper
 63 100
 106 18.0 22.0 33.0#



#62
 4-Bromofluorobenzene
 Concen: 51.280 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066680.D
 Acq: 14 Sep 2020 20:09

Tgt Ion: 95 Resp: 240836
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 155.8
 176 74.2 0.0 148.6

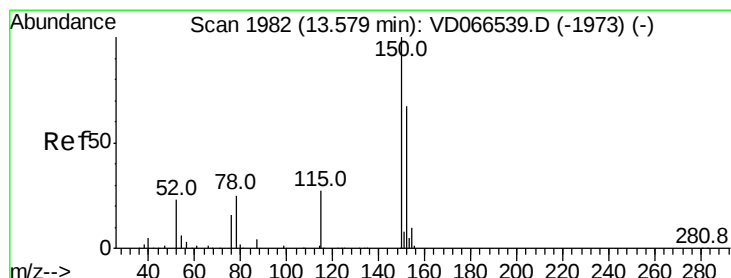
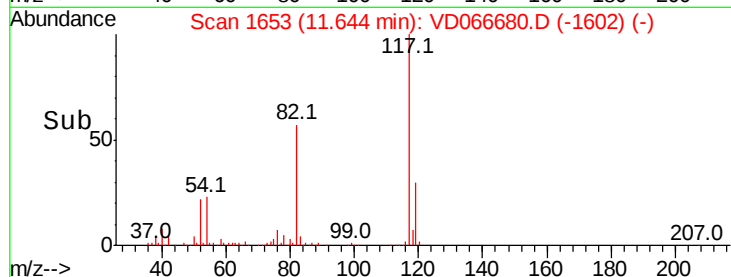
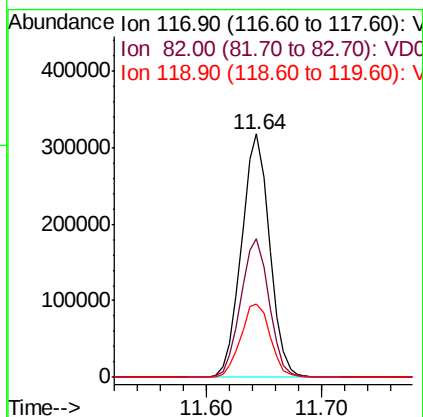
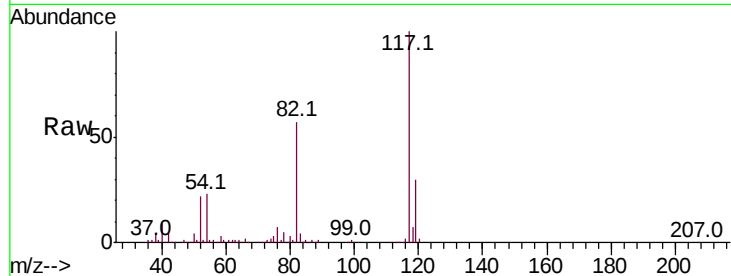




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066680.D
Acq: 14 Sep 2020 20:09

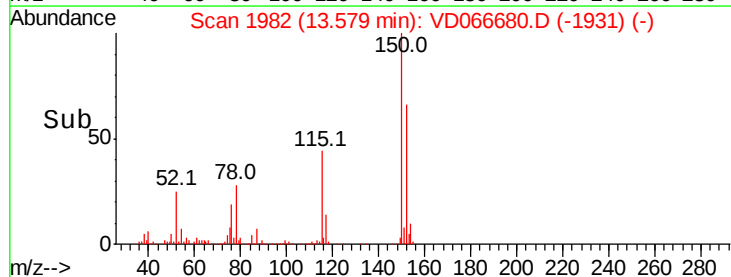
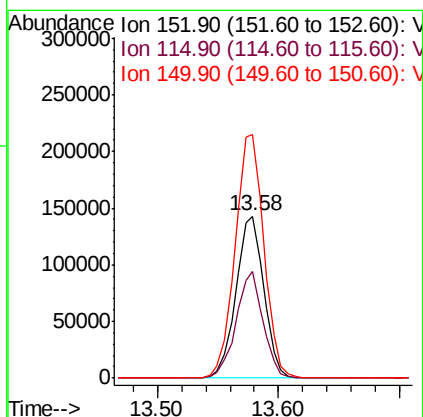
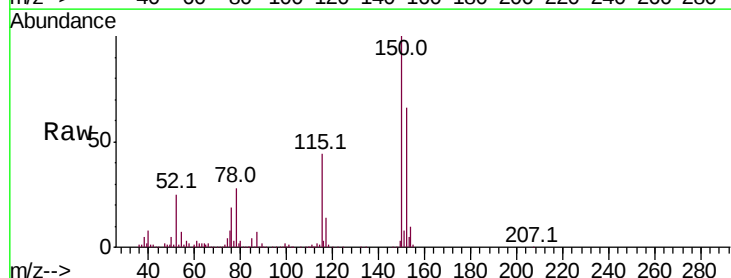
Instrument :
MSVOA_D
ClientSampleId :

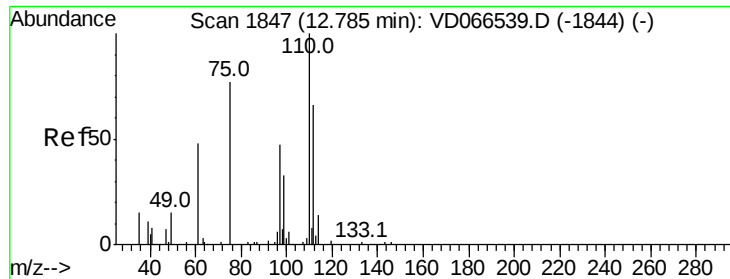
Tot Ion:117 Resp: 538323
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.2
119 30.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066680.D
Acq: 14 Sep 2020 20:09

Tgt Ion:152 Resp: 229969
Ion Ratio Lower Upper
152 100
115 63.5 30.4 91.2
150 154.9 0.0 345.8

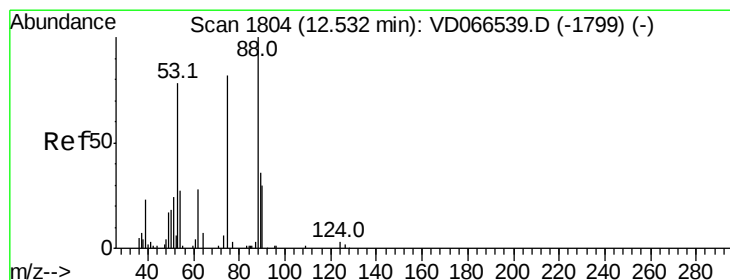
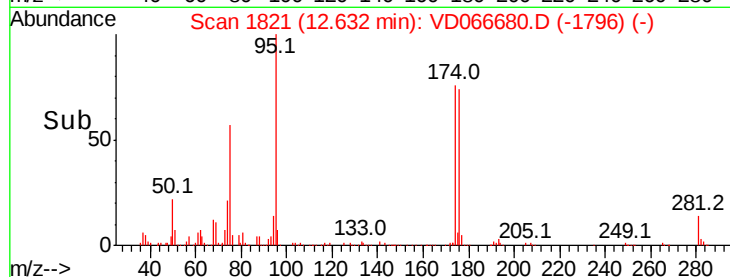
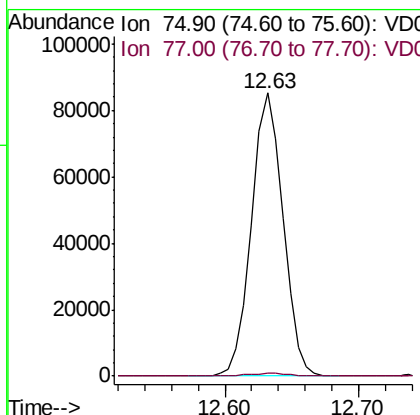
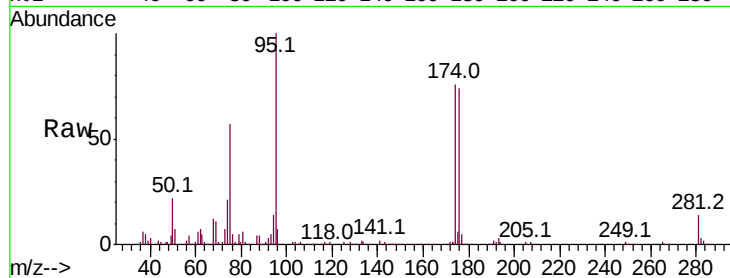




#76
 1,2,3-Trichloropropane
 Concen: 62.776 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066680.D
 Acq: 14 Sep 2020 20:09

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 138840
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.559 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066680.D
 Acq: 14 Sep 2020 20:09

Tgt Ion: 75 Resp: 138840
 Ion Ratio Lower Upper
 75 100
 53 0.3 87.0 130.4#
 89 0.2 37.1 55.7#

