

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066975.D
 Acq On : 30 Sep 2020 15:53
 Operator : VA/SY
 Sample : L4193-03
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-12(13-14)

Quant Time: Oct 01 00:56:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	467027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	771313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	786435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	209511	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
35) Dibromofluoromethane	7.91	113	240588	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.34	98	927339	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.63	95	336727	58.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.66%	

Target Compounds

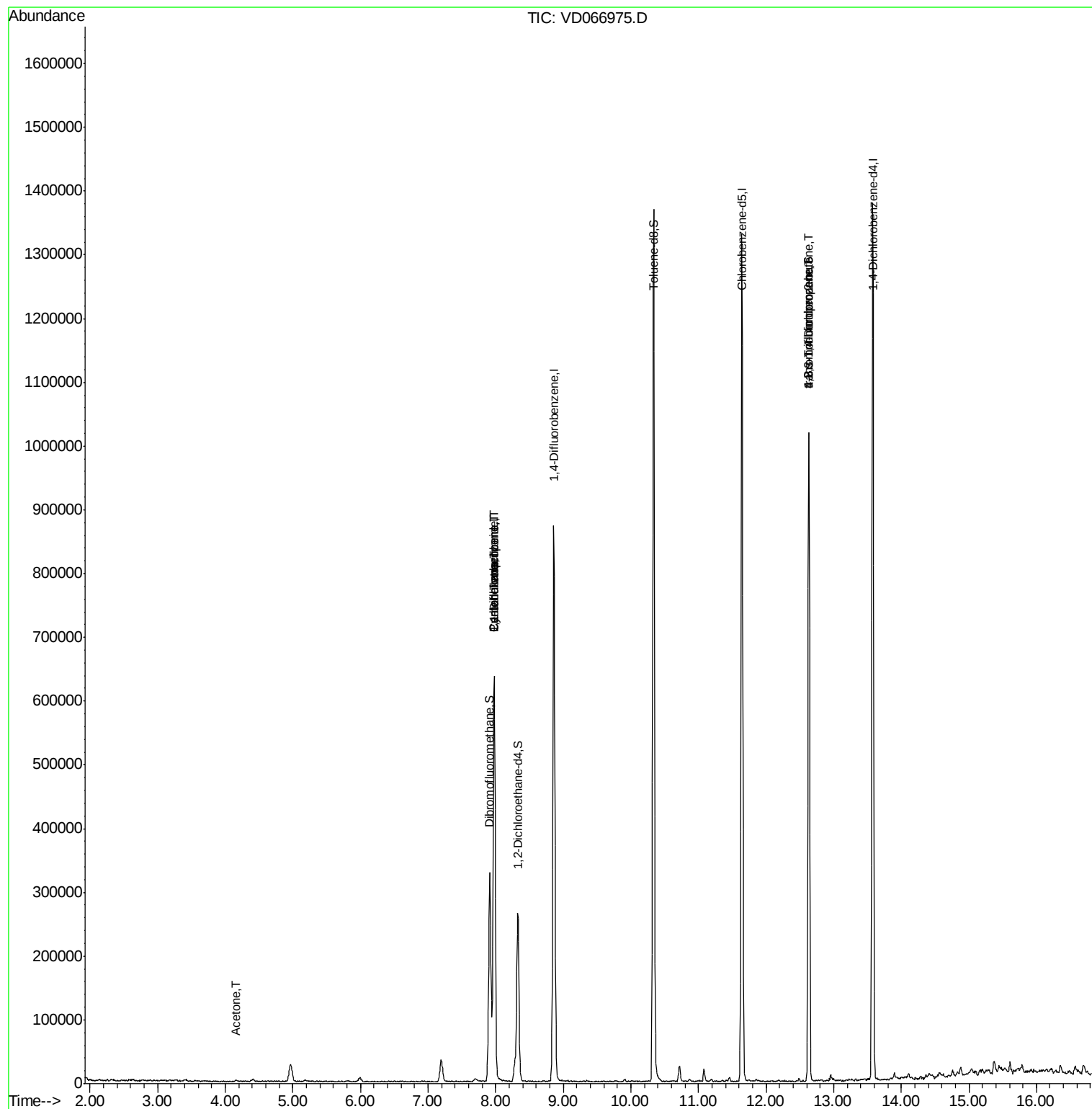
						Qvalue
2) Dichlorodifluoromethane	1.99	85	574	Below Cal	#	46
11) Tert butyl alcohol	5.23	59	81	Below Cal	#	72
16) Acetone	4.16	43	3386	3.492	ug/l	92
18) Methyl Acetate	4.73	43	61	Below Cal	#	50
20) Methylene Chloride	4.97	84	22950	Below Cal		96
31) Cyclohexane	7.97	56	8980	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	35326	4.617	ug/l #	51
38) Carbon Tetrachloride	7.98	117	48412	5.787	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	173752	55.585	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	173752	139.068	ug/l #	10

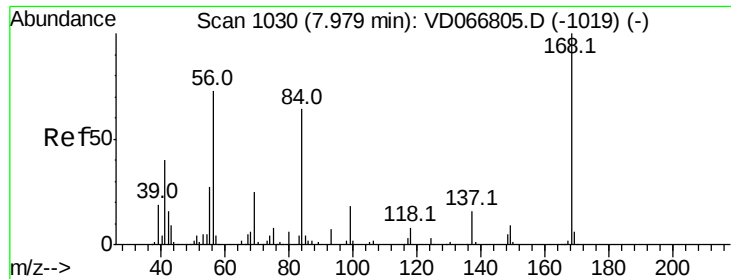
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD093020\
Data File : VD066975.D
Acq On : 30 Sep 2020 15:53
Operator : VA/SY
Sample : L4193-03
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-12(13-14)

Quant Time: Oct 01 00:56:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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: VD066975.D

Acq: 30 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

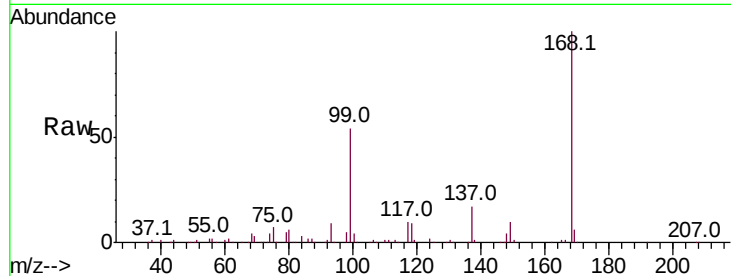
B-12(13-14)

Tot Ion:168 Resp: 467027

Ion Ratio Lower Upper

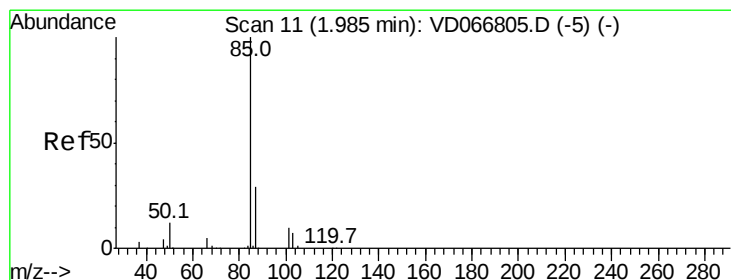
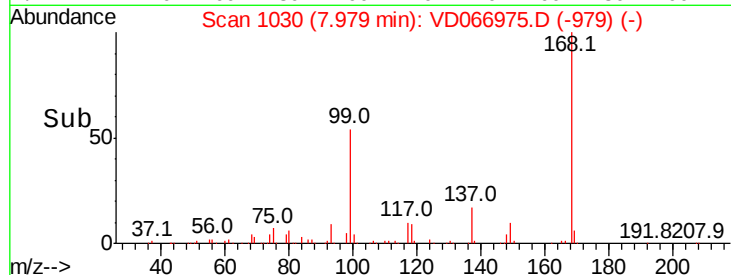
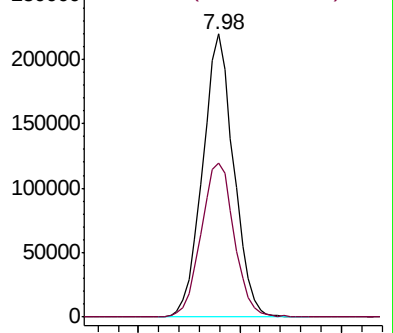
168 100

99 54.1 46.6 69.8



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: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066975.D

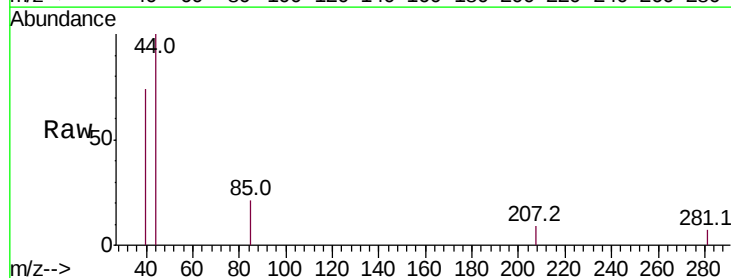
Acq: 30 Sep 2020 15:53

Tgt Ion: 85 Resp: 574

Ion Ratio Lower Upper

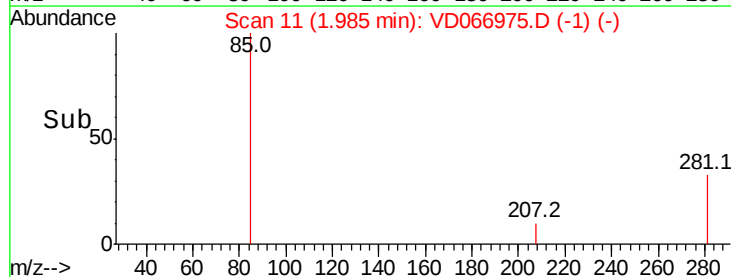
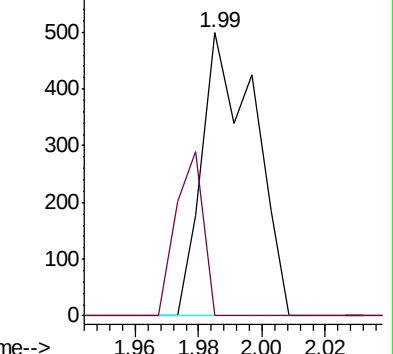
85 100

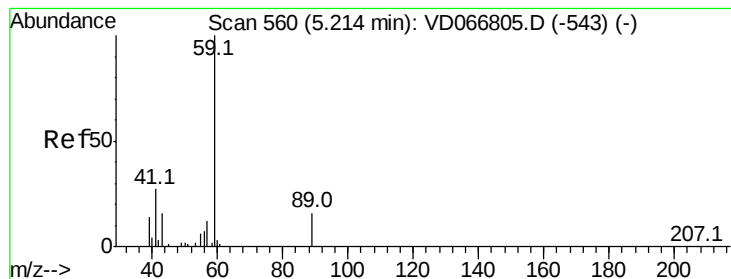
87 0.0 14.5 43.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



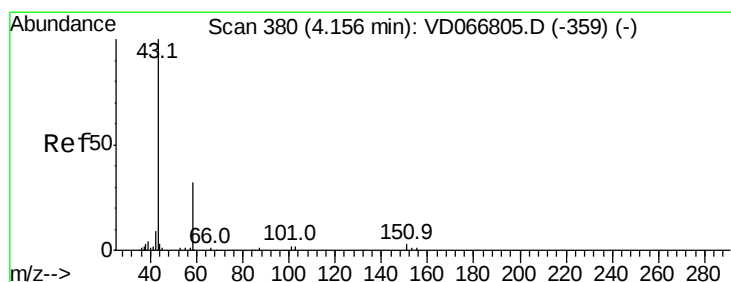
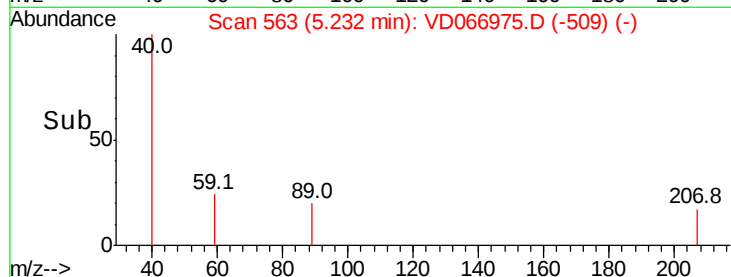
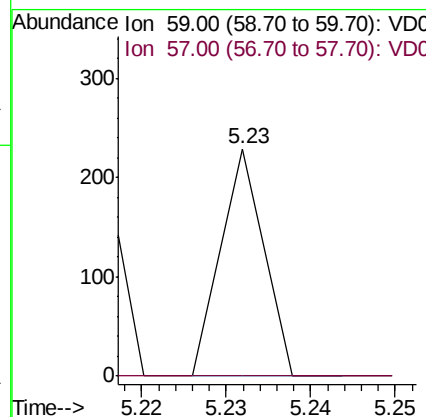
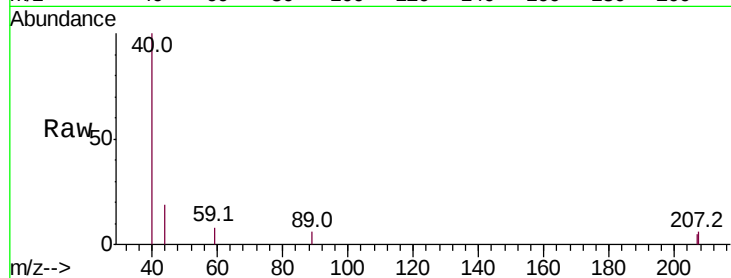


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: VD066975.D
 Acq: 30 Sep 2020 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 B-12(13-14)

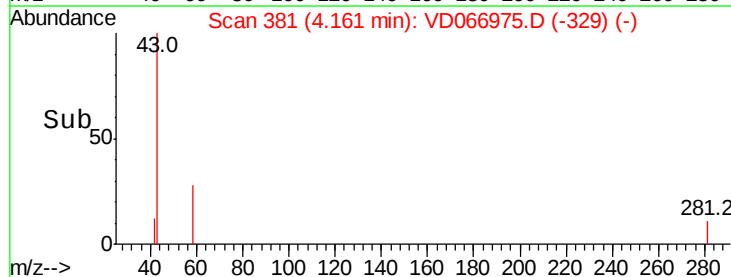
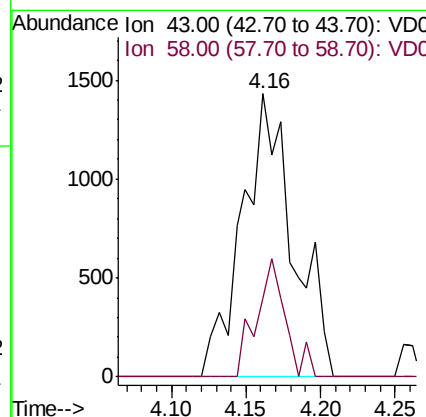
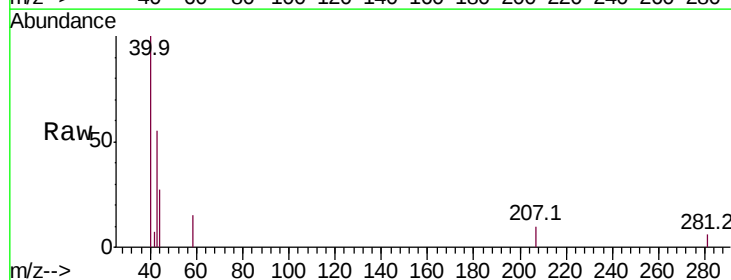
Tot Ion: 59 Resp: 81
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

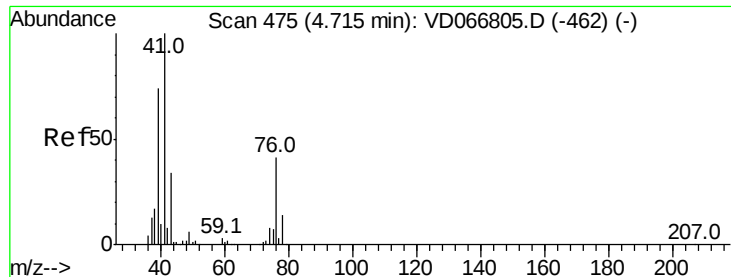


#16

Acetone
 Concen: 3.492 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066975.D
 Acq: 30 Sep 2020 15:53

Tgt Ion: 43 Resp: 3386
 Ion Ratio Lower Upper
 43 100
 58 27.8 25.6 38.4

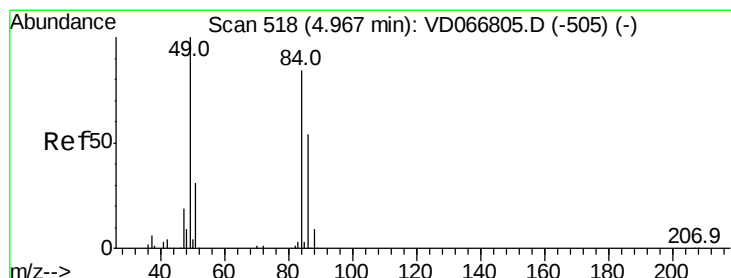
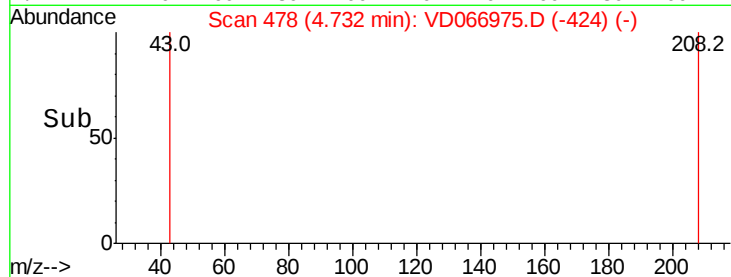
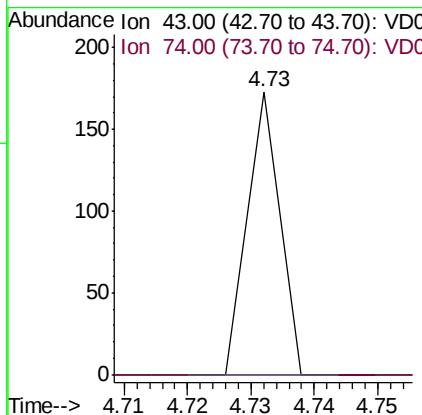
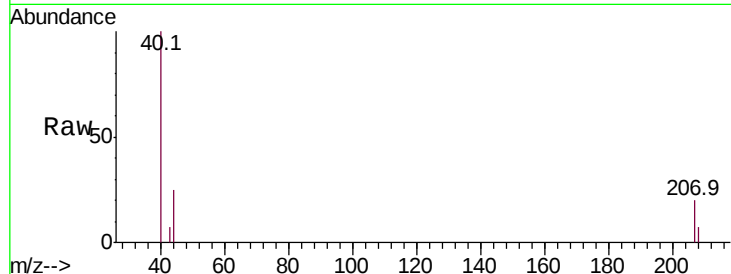




#18
Methyl Acetate
Concen: Below Cal
RT: 4.73 min Scan# 478
Delta R.T. 0.02 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

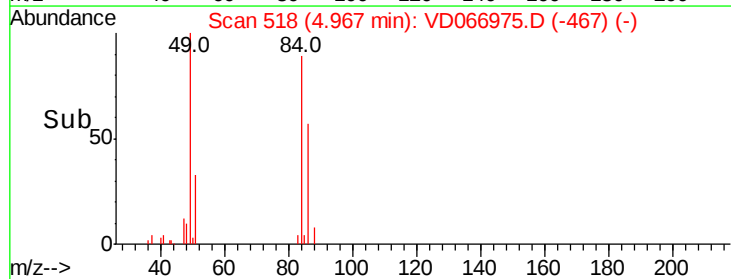
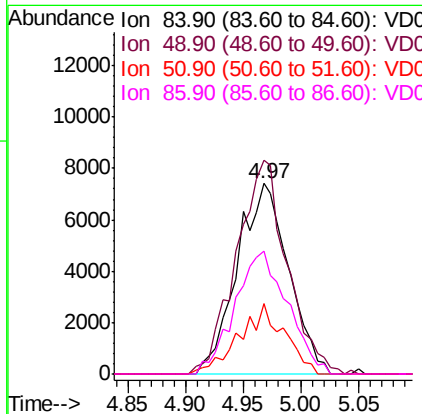
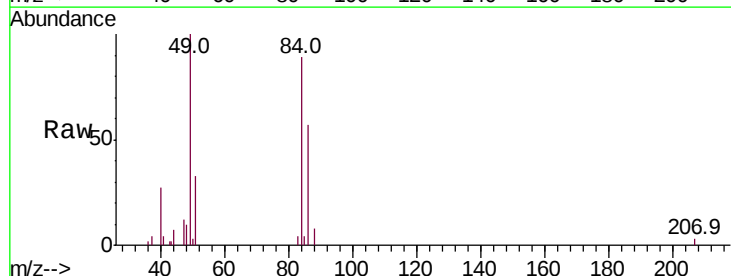
Instrument :
MSVOA_D
ClientSampleId :
B-12(13-14)

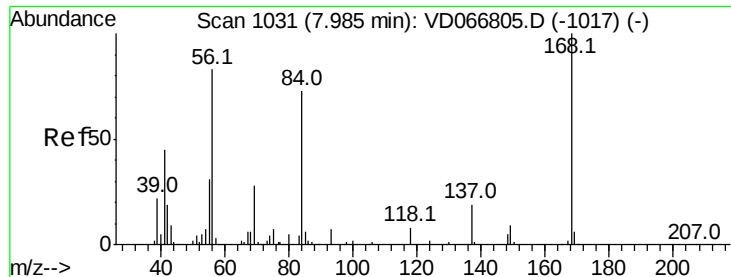
Tot Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

Tgt Ion: 84 Resp: 22950
Ion Ratio Lower Upper
84 100
49 112.2 95.4 143.2
51 36.9 29.7 44.5
86 64.3 51.4 77.2

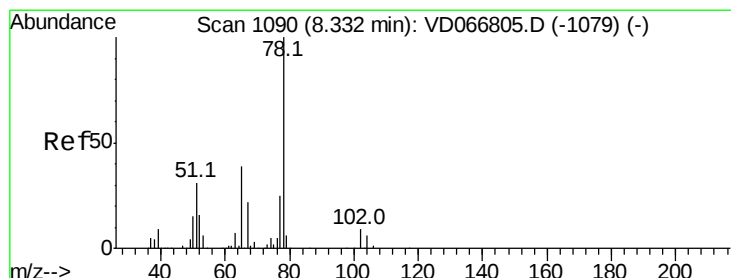
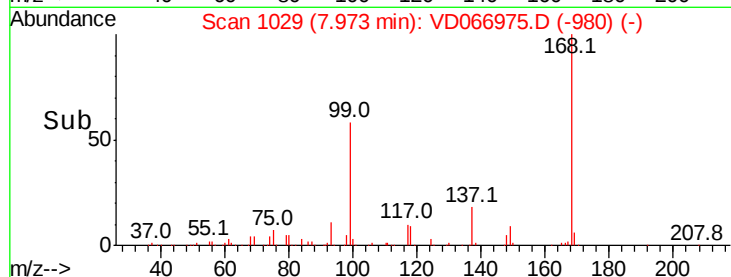
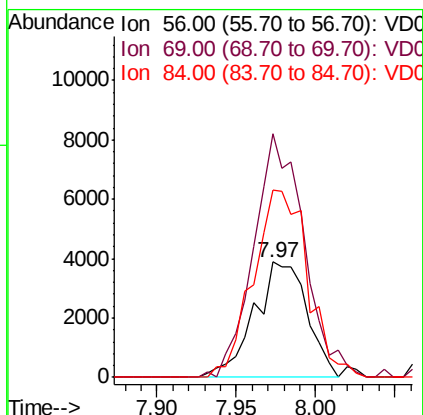
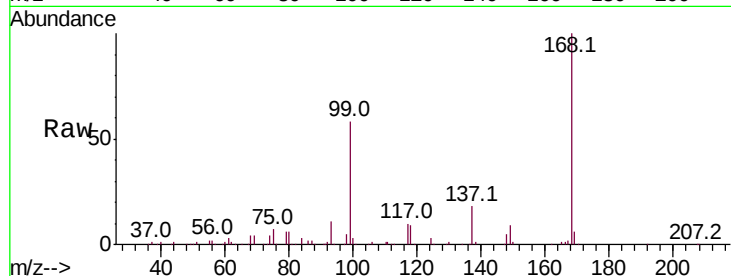




#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

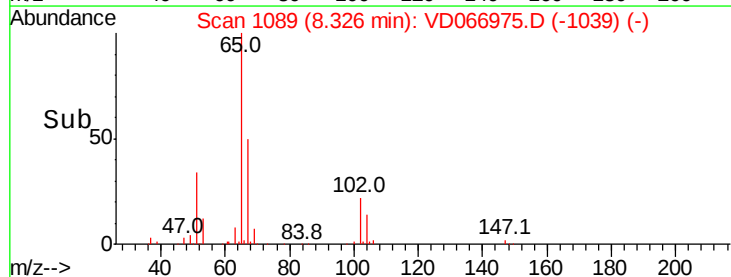
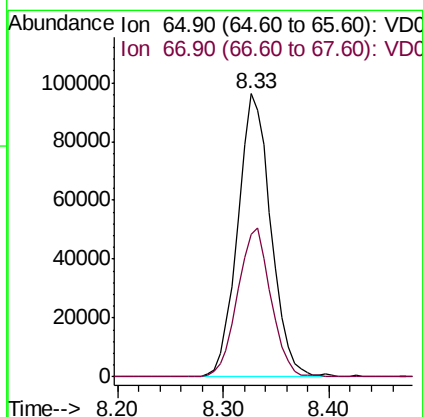
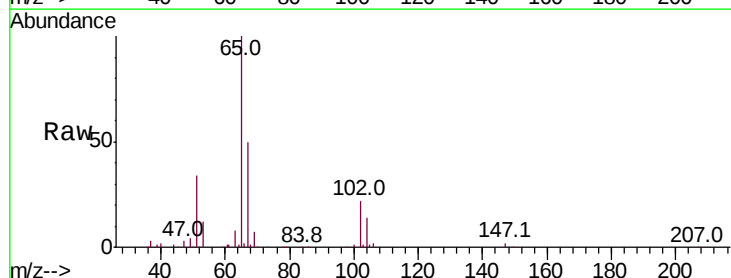
Instrument :
MSVOA_D
ClientSampleId :
B-12(13-14)

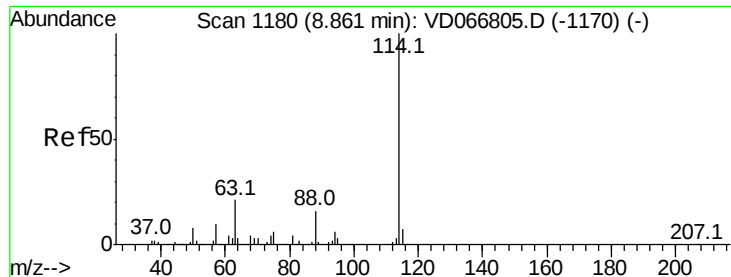
Tot Ion: 56 Resp: 8980
Ion Ratio Lower Upper
56 100
69 211.0 27.0 40.4#
84 162.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 45.834 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

Tgt Ion: 65 Resp: 209511
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2

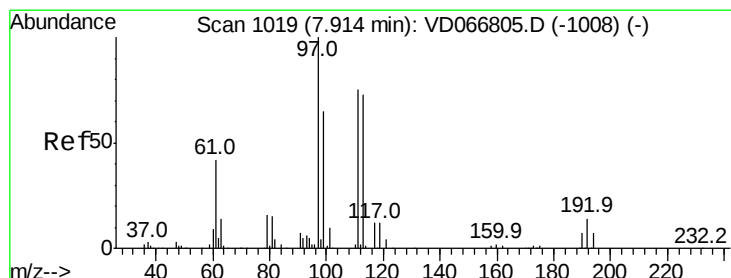
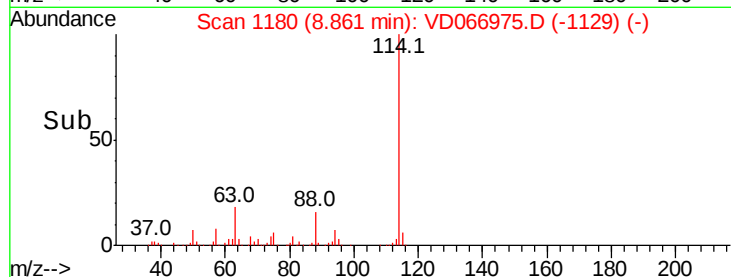
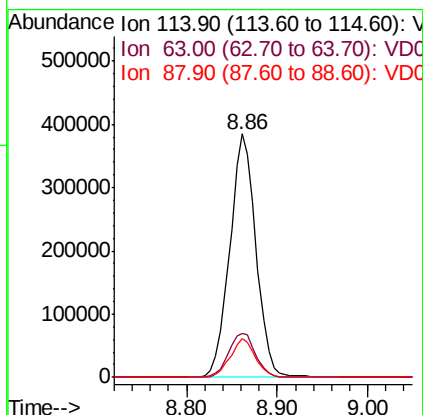
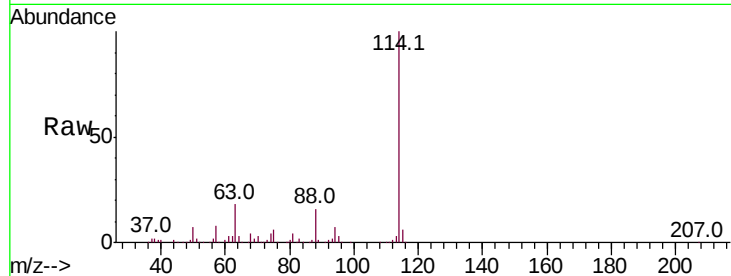




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066975.D
 Acq: 30 Sep 2020 15:53

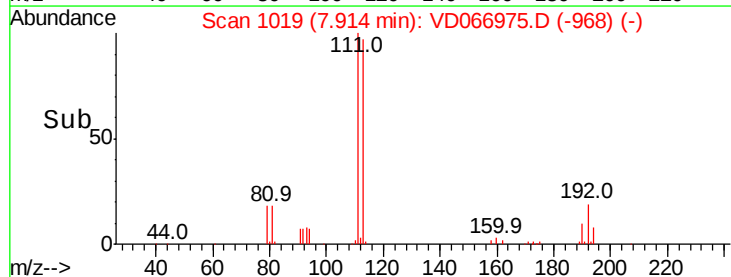
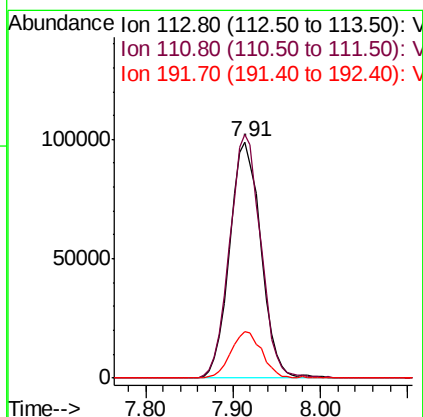
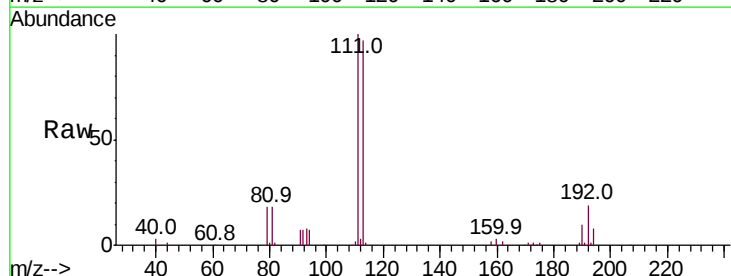
Instrument :
 MSVOA_D
 ClientSampleId :
 B-12(13-14)

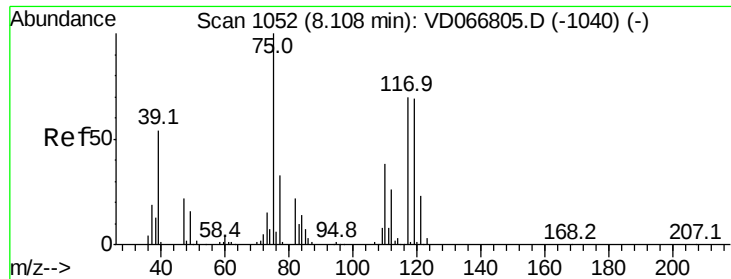
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	42.6
88	16.2	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.029 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066975.D
 Acq: 30 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	19.4	14.4	21.6





#36

1,1-Dichloropropene

Concen: 4.617 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD066975.D

Acq: 30 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

B-12(13-14)

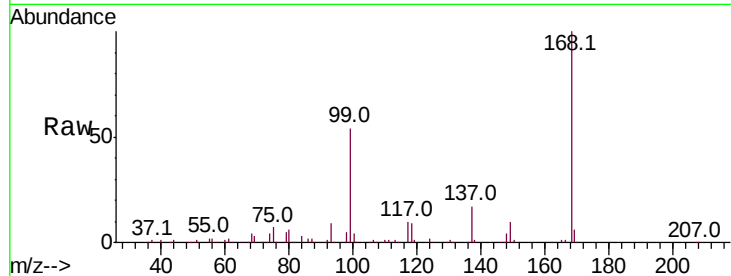
Tot Ion: 75 Resp: 35326

Ion Ratio Lower Upper

75 100

110 11.3 17.9 53.8#

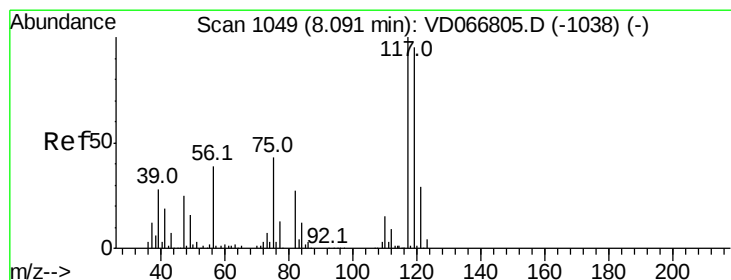
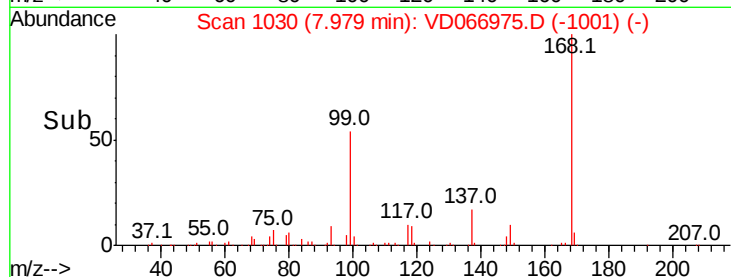
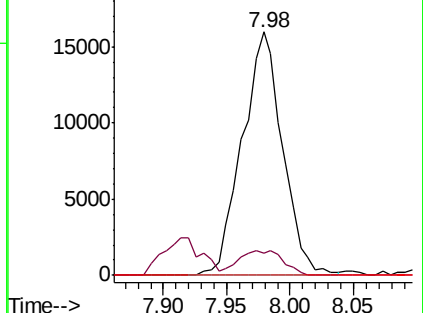
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.787 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066975.D

Acq: 30 Sep 2020 15:53

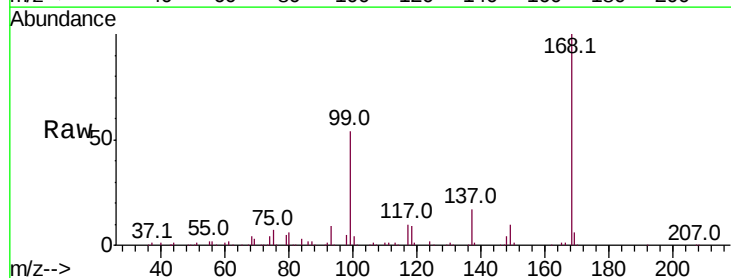
Tgt Ion: 117 Resp: 48412

Ion Ratio Lower Upper

117 100

119 6.5 75.8 113.8#

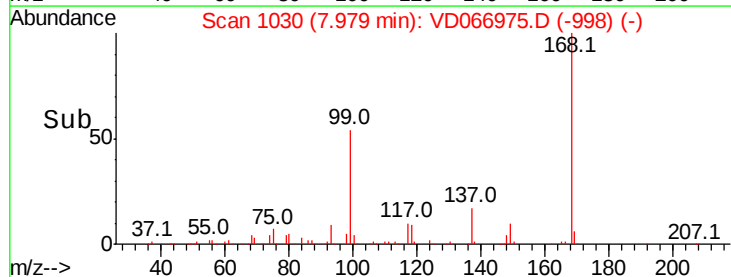
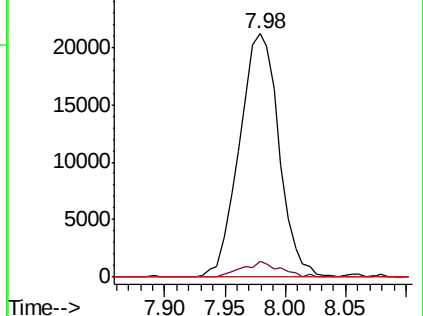
121 0.0 23.4 35.0#

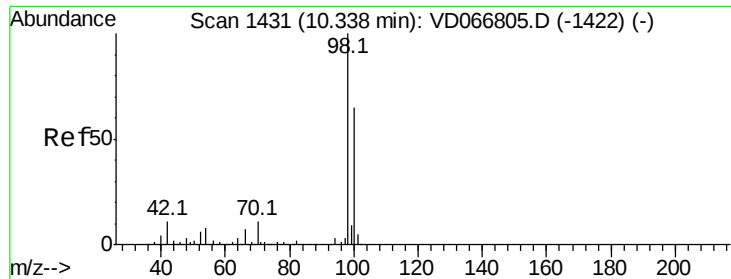


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

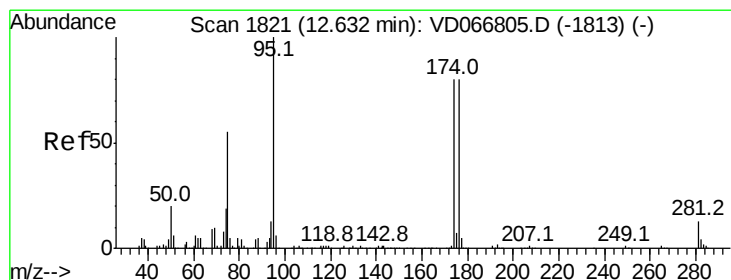
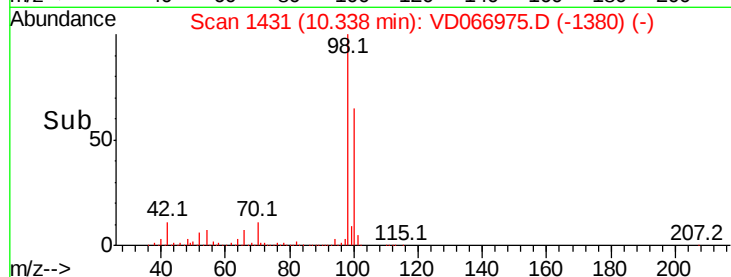
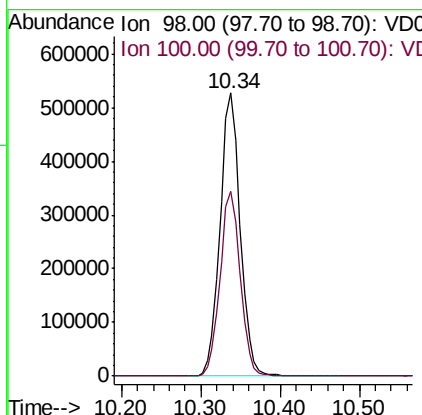
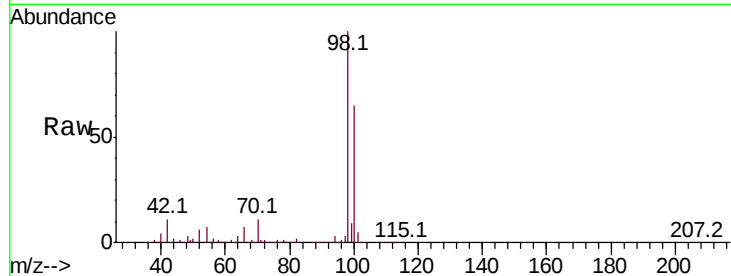




#50
Toluene-d8
Concen: 55.465 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

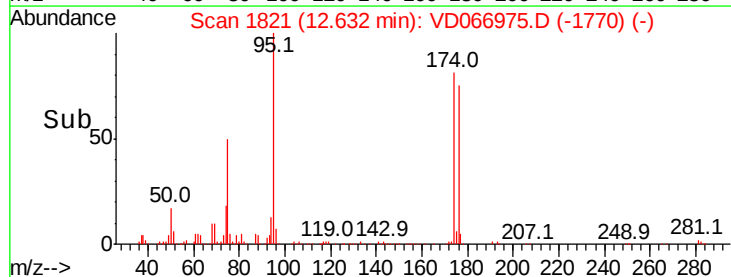
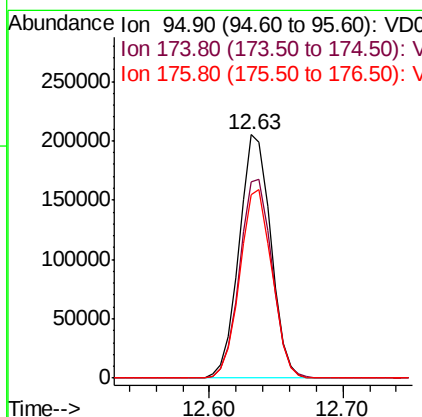
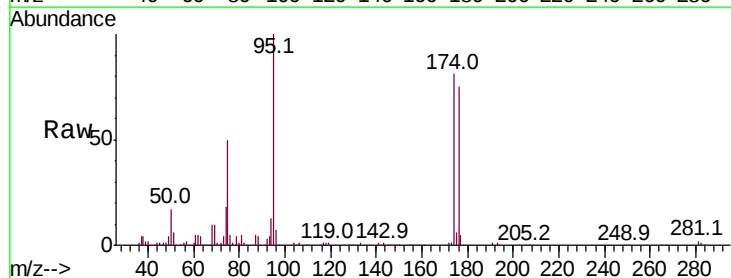
Instrument :
MSVOA_D
ClientSampleId :
B-12(13-14)

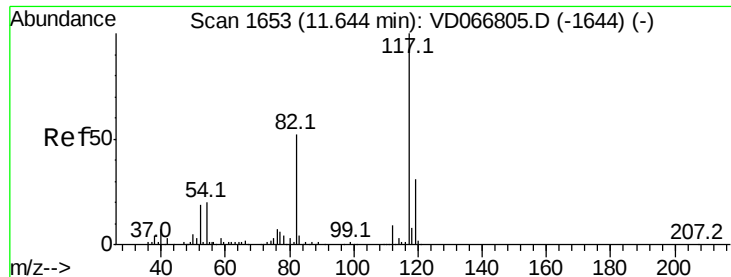
Tot Ion: 98 Resp: 927339
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 58.831 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

Tgt Ion: 95 Resp: 336727
Ion Ratio Lower Upper
95 100
174 83.3 0.0 159.8
176 78.7 0.0 154.4

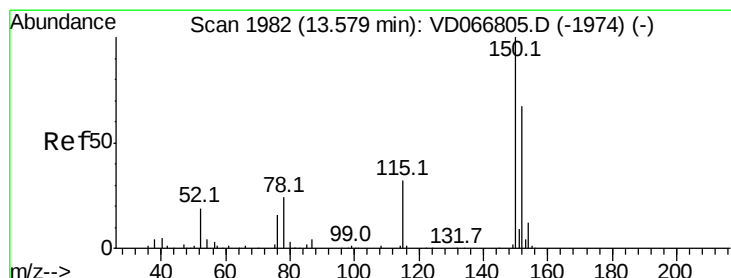
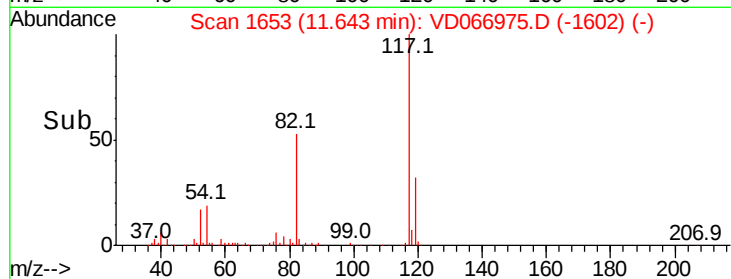
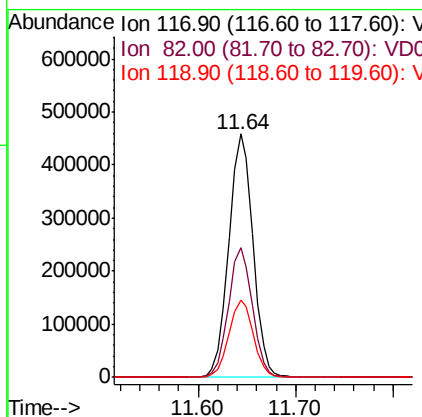
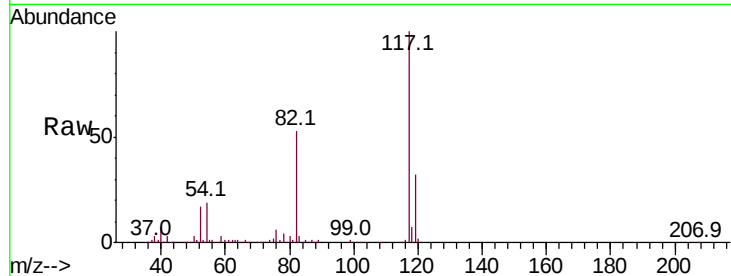




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

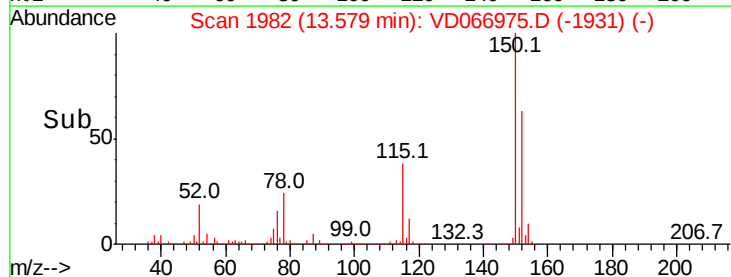
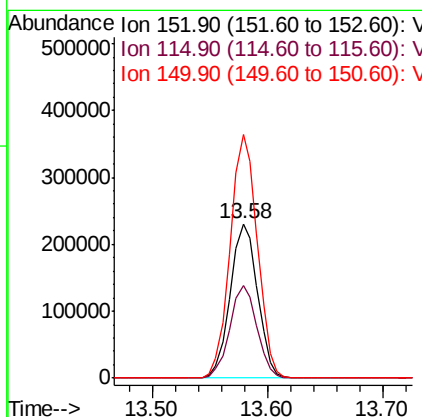
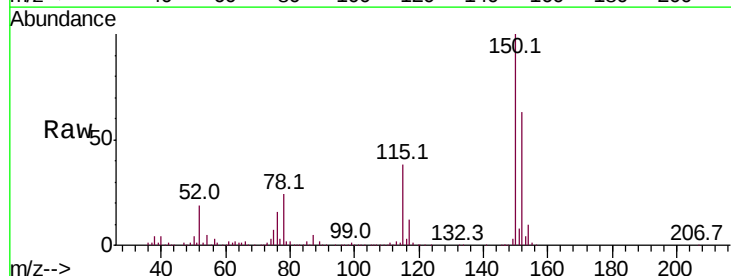
Instrument :
MSVOA_D
ClientSampleId :
B-12(13-14)

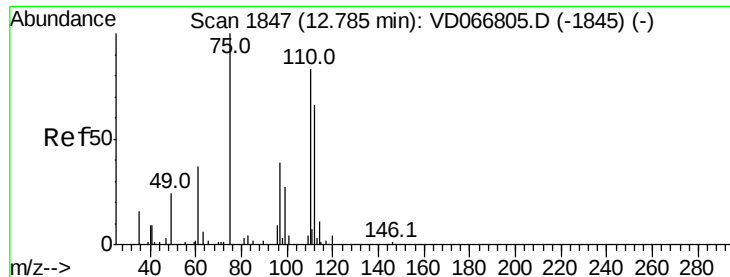
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.6
119	31.5	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.3	91.0
150	156.8	0.0	346.2





#76

1,2,3-Trichloropropane

Concen: 55.585 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066975.D

Acq: 30 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

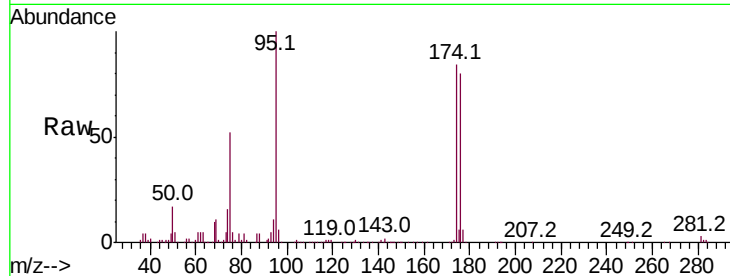
B-12(13-14)

Tot Ion: 75 Resp: 173752

Ion Ratio Lower Upper

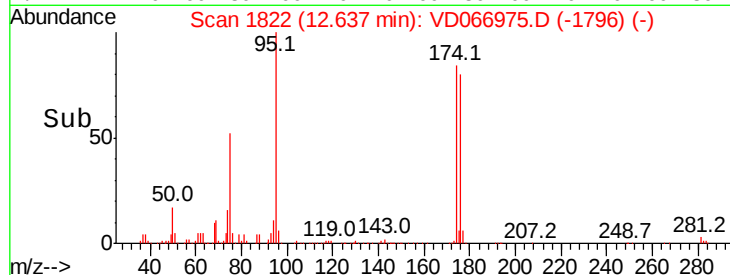
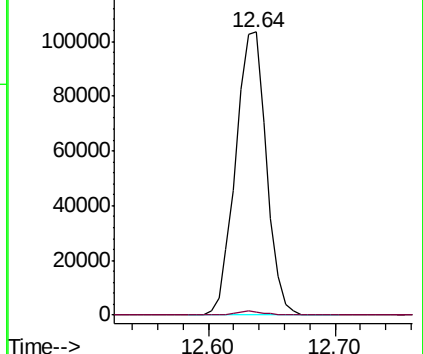
75 100

77 1.4 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: 139.068 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066975.D

Acq: 30 Sep 2020 15:53

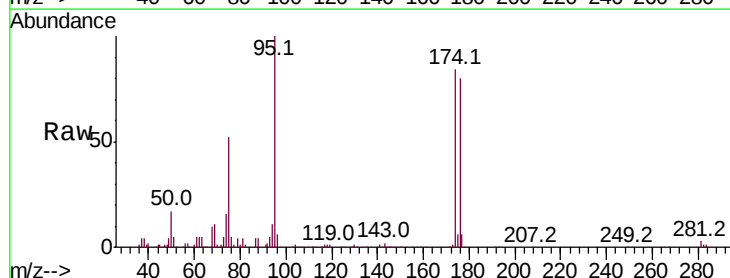
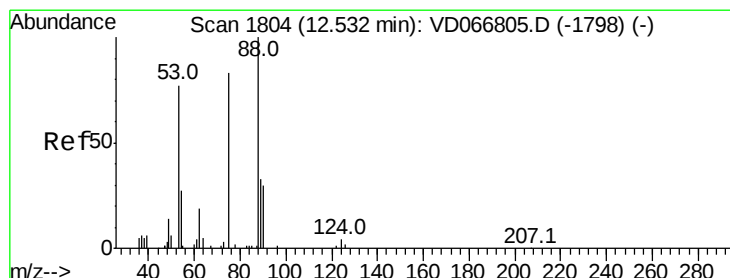
Tgt Ion: 75 Resp: 173752

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.1 38.1 57.1#



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

