

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066817.D
 Acq On : 22 Sep 2020 18:07
 Operator : VA/SY
 Sample : L4099-05
 Misc : 6.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 031

Quant Time: Sep 23 02:09:31 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	357632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	658227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	647465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281832	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	207696	59.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.68%	
35) Dibromofluoromethane	7.91	113	216552	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.34	98	799112	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	
62) 4-Bromofluorobenzene	12.63	95	270317	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	

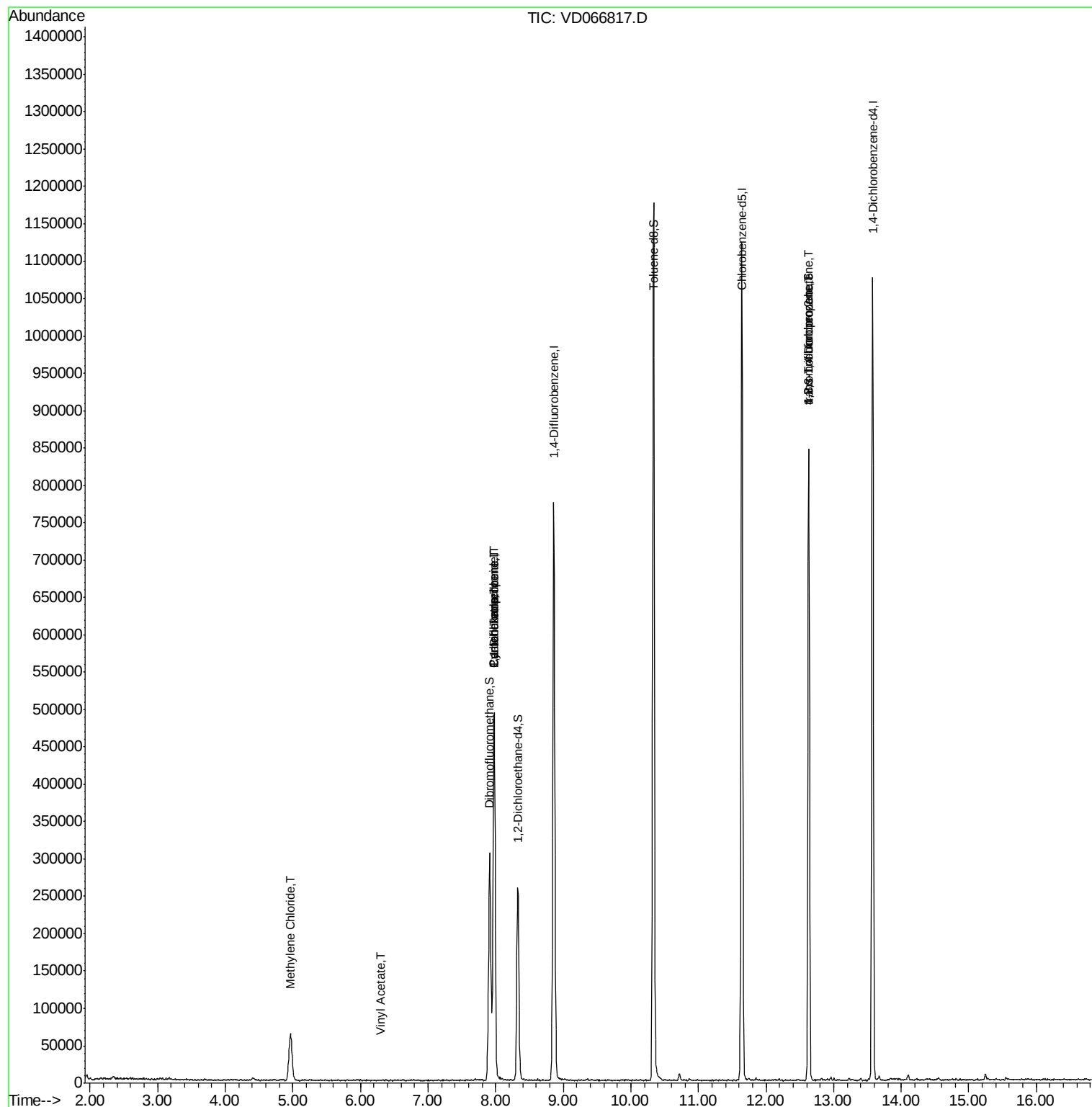
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	495	Below Cal	87
11) Tert butyl alcohol	5.23	59	62	Below Cal	# 72
18) Methyl Acetate	4.72	43	67	Below Cal	# 50
20) Methylene Chloride	4.97	84	50729	7.738	ug/l 90
23) Vinyl Acetate	6.30	43	193	2.705	ug/l # 71
31) Cyclohexane	7.98	56	8938	1.404	ug/l # 16
36) 1,1-Dichloropropene	7.98	75	30164	4.619	ug/l # 51
38) Carbon Tetrachloride	7.97	117	38717	5.423	ug/l # 17
76) 1,2,3-Trichloropropane	12.63	75	140249	60.048	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.63	75	140249	150.236	ug/l # 10

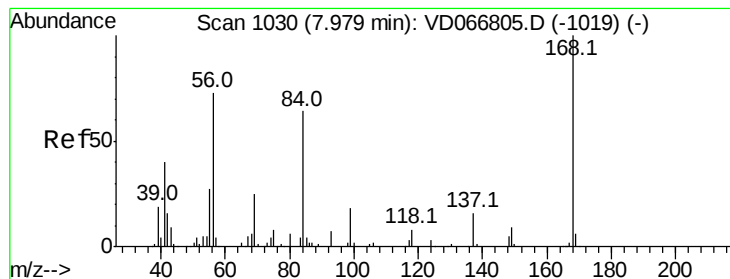
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092220\
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Quant Time: Sep 23 02:09:31 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: VD066817.D

Acq: 22 Sep 2020 18:07

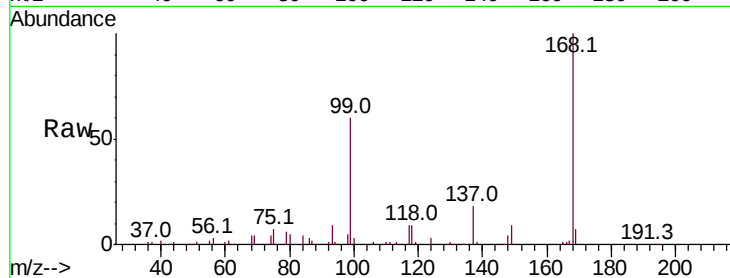
Instrument :
MSVOA_D
ClientSampleId :
031

Tot Ion:168 Resp: 357632

Ion Ratio Lower Upper

168 100

99 60.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

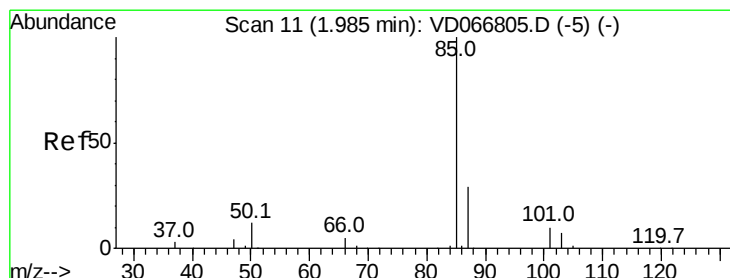
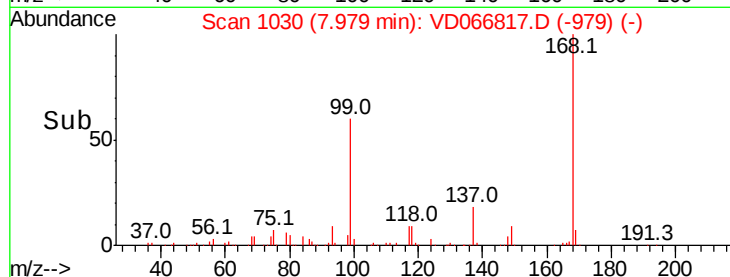
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066817.D

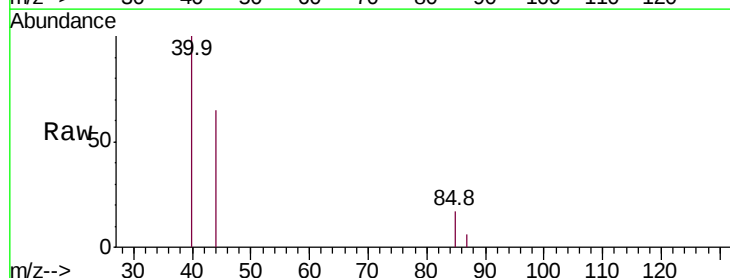
Acq: 22 Sep 2020 18:07

Tgt Ion: 85 Resp: 495

Ion Ratio Lower Upper

85 100

87 36.1 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

600

500

400

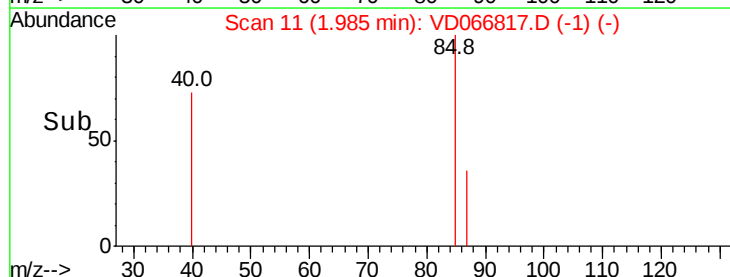
300

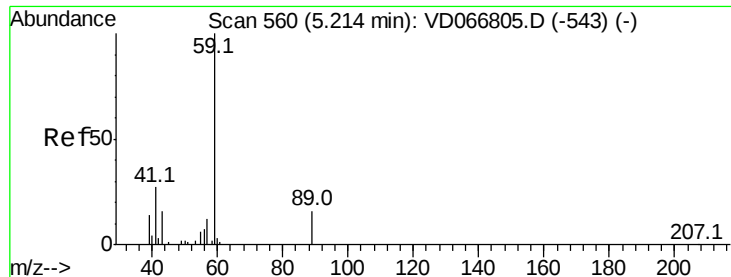
200

100

0

Time-->



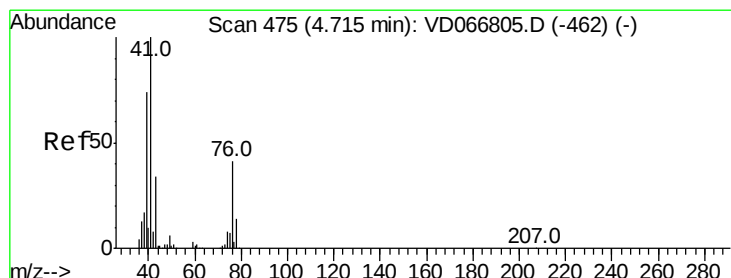
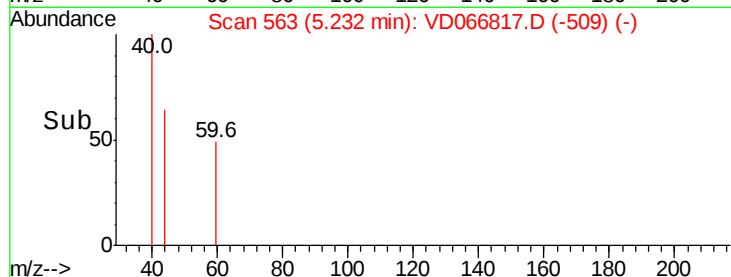
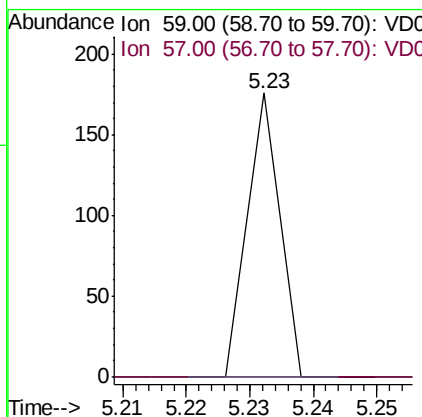
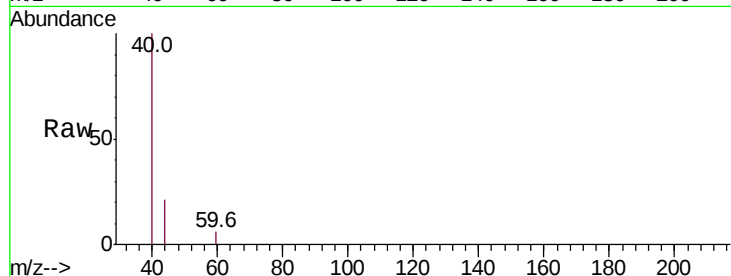


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: VD066817.D
 Acq: 22 Sep 2020 18:07

Instrument :
 MSVOA_D
 ClientSampleId :
 031

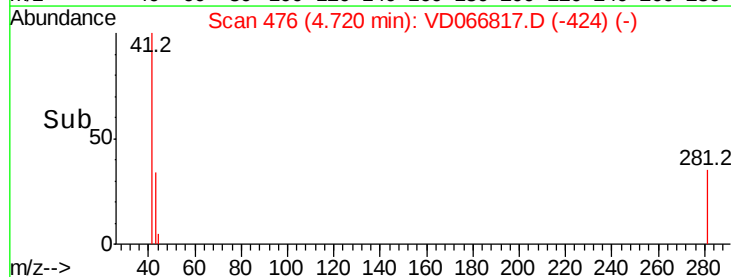
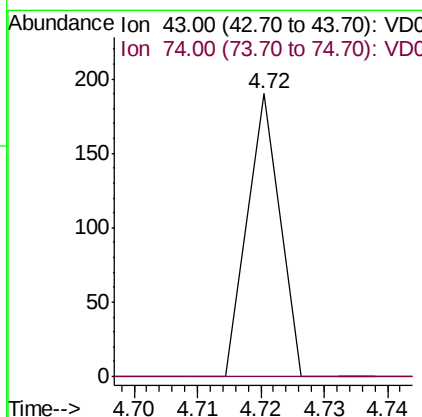
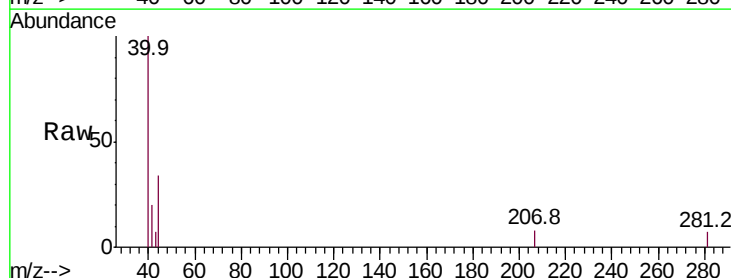
Tot Ion: 59 Resp: 62
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

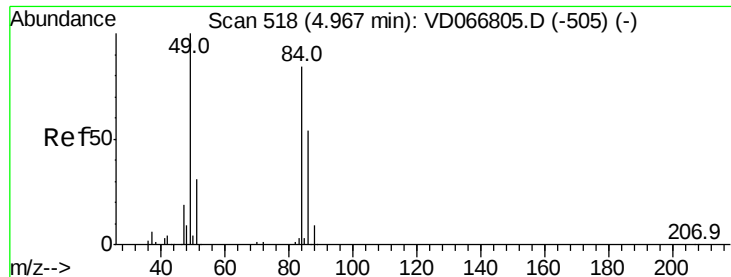


#18

Methyl Acetate
 Concen: Below Cal
 RT: 4.72 min Scan# 476
 Delta R.T. 0.01 min
 Lab File: VD066817.D
 Acq: 22 Sep 2020 18:07

Tgt Ion: 43 Resp: 67
 Ion Ratio Lower Upper
 43 100
 74 0.0 20.3 30.5#

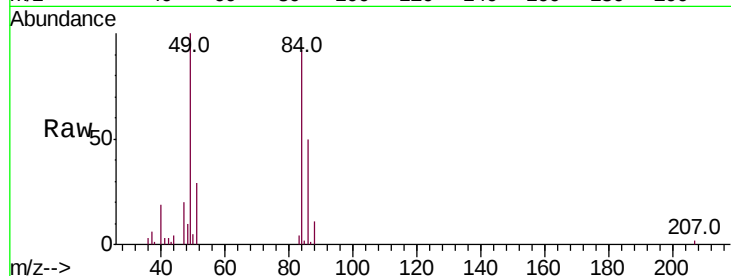




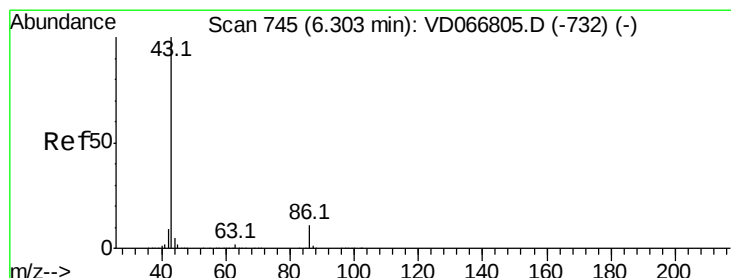
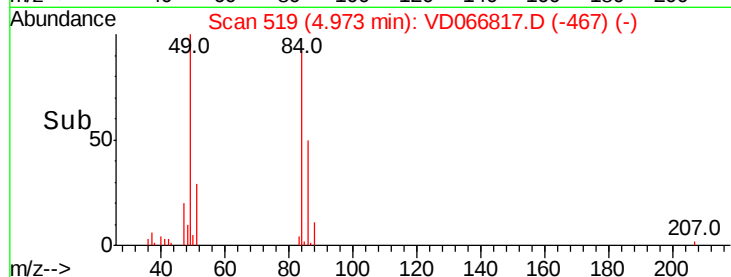
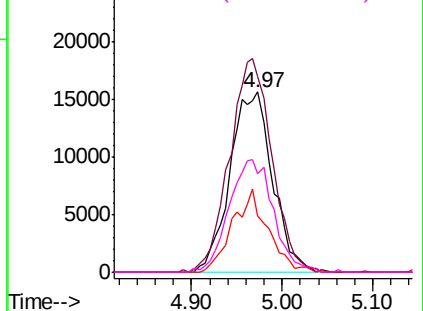
#20
Methvlene Chloride
Concen: 7.738 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

Instrument :
MSVOA_D
ClientSampleId :
031

Tot Ion:	84	Resp:	50729
Ion	Ratio	Lower	Upper
84	100		
49	109.1	95.4	143.2
51	31.5	29.7	44.5
86	54.6	51.4	77.2

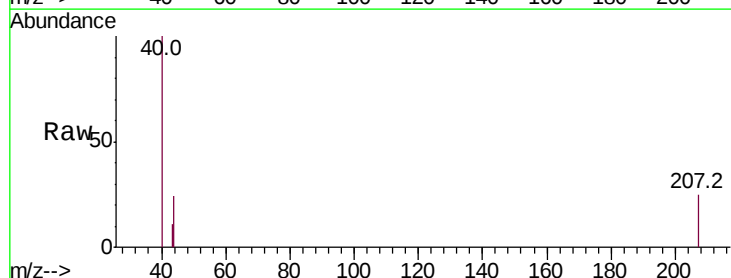


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

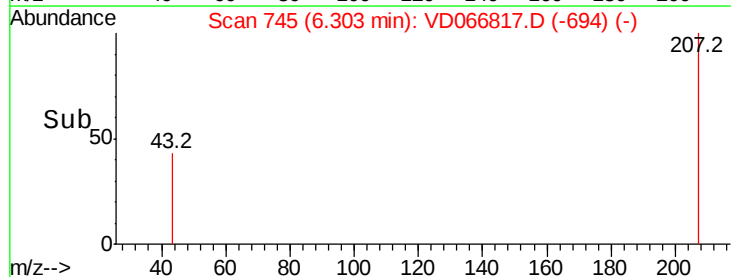
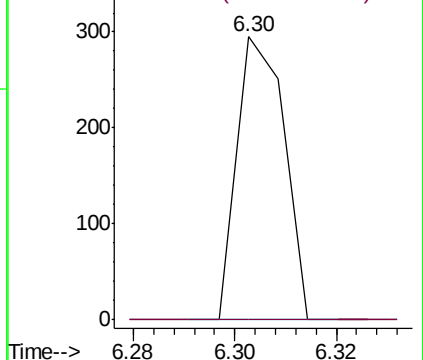


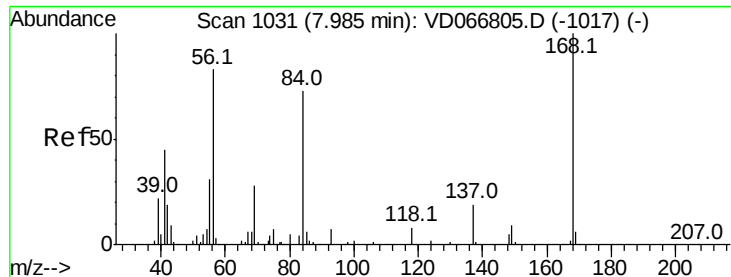
#23
Vinyl Acetate
Concen: 2.705 ug/l
RT: 6.30 min Scan# 745
Delta R.T. 0.00 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

Tgt Ion:	43	Resp:	193
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC

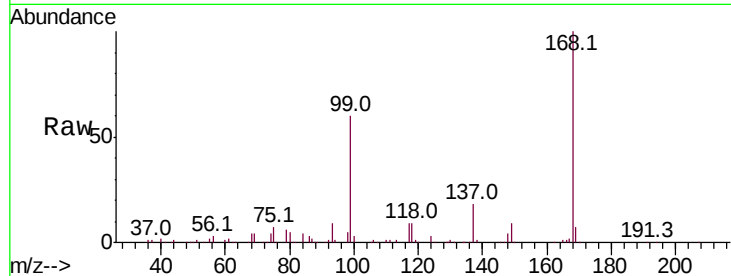




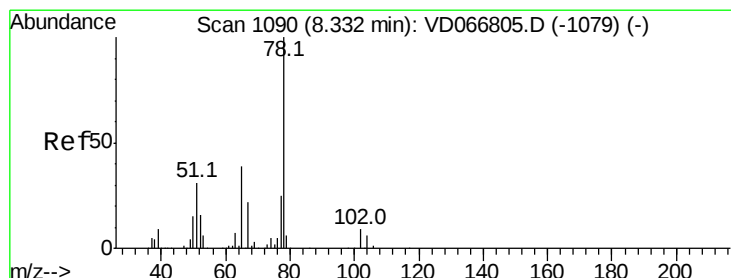
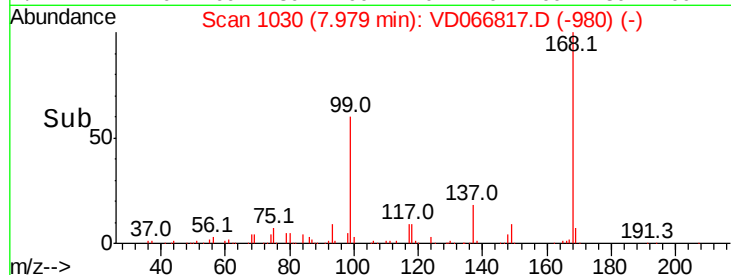
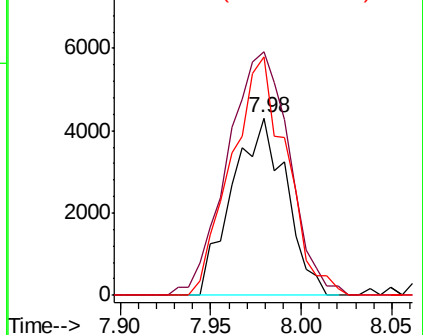
#31
Cyclohexane
Concen: 1.404 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

Instrument :
MSVOA_D
ClientSampleId :
031

Tot Ion: 56 Resp: 8938
Ion Ratio Lower Upper
56 100
69 132.5 27.0 40.4#
84 134.3 70.2 105.4#

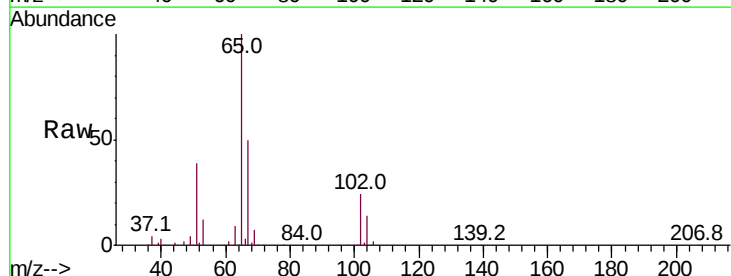


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

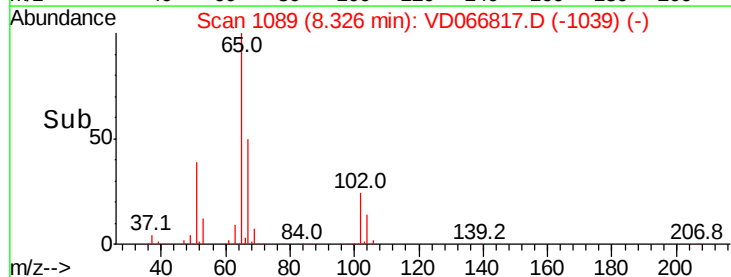
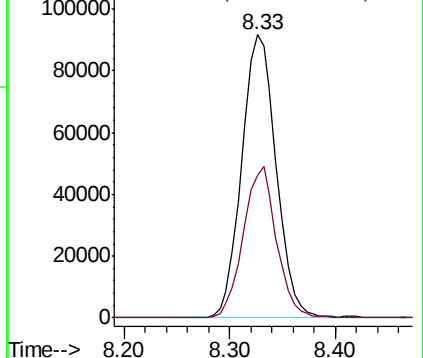


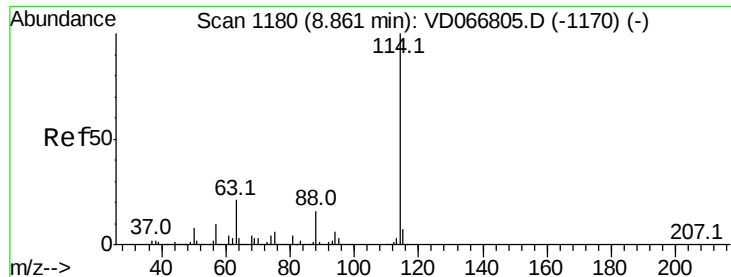
#33
1,2-Dichloroethane-d4
Concen: 59.336 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

Tgt Ion: 65 Resp: 207696
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

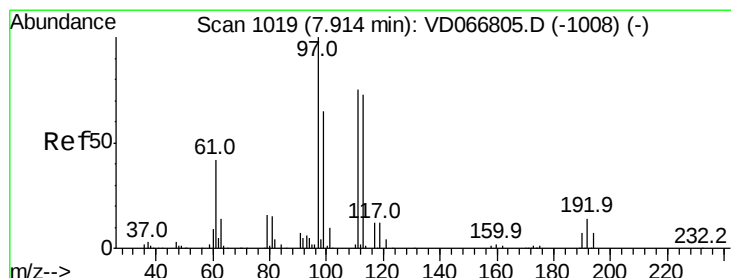
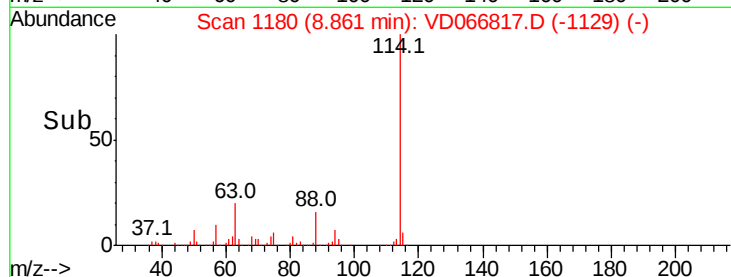
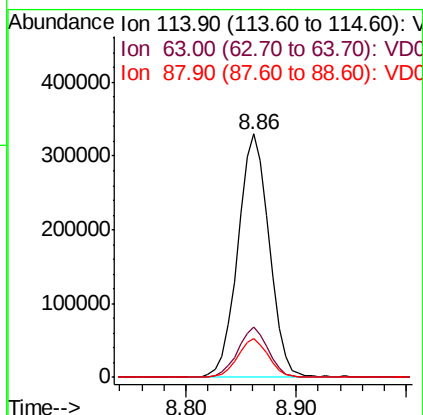
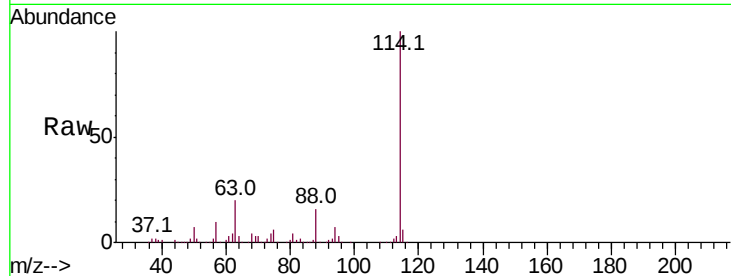




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066817.D
 Acq: 22 Sep 2020 18:07

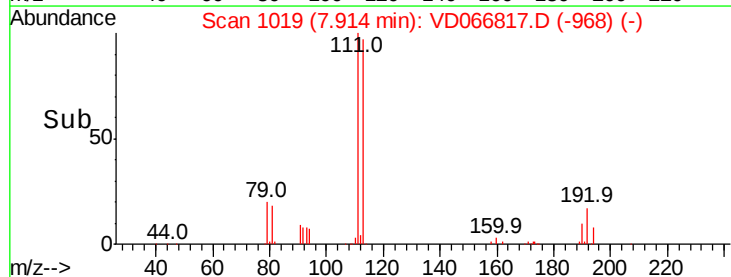
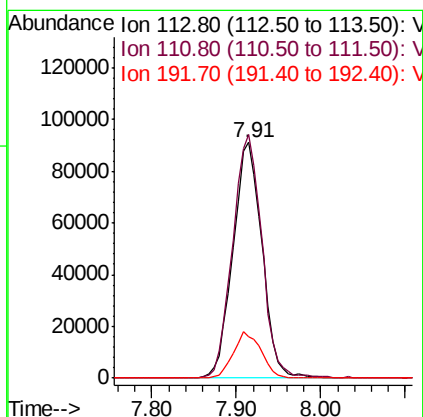
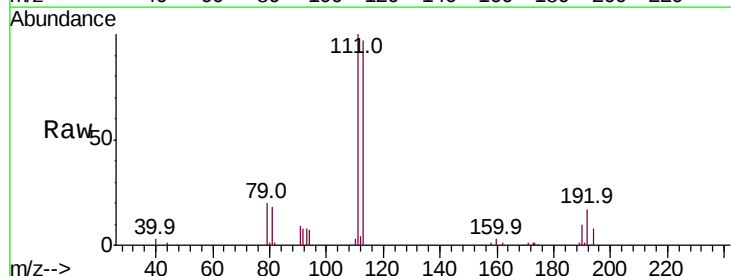
Instrument :
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 ClientSampleId :
 031

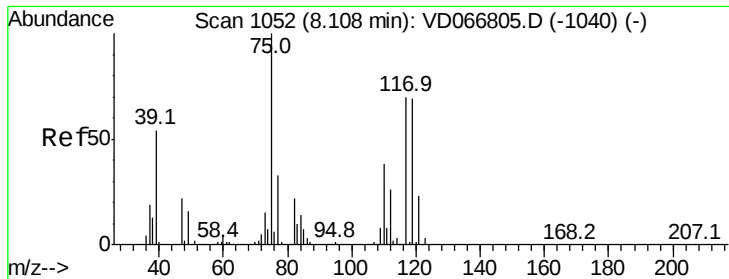
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.712 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066817.D
 Acq: 22 Sep 2020 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	18.9	14.4	21.6

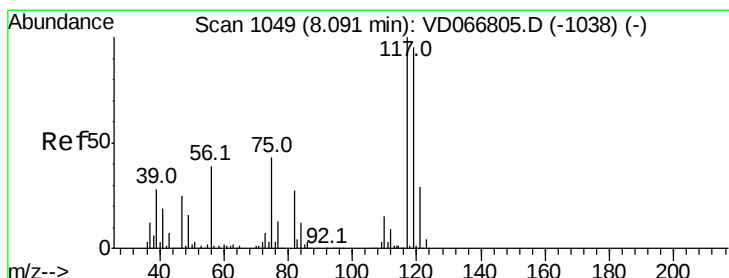
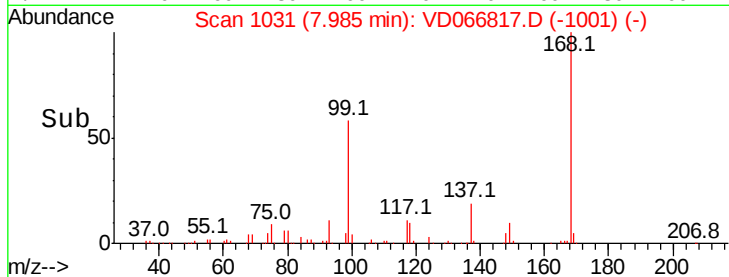
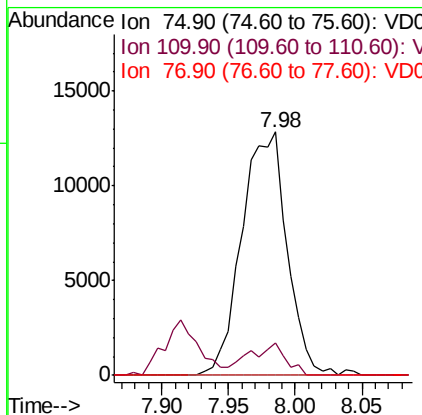
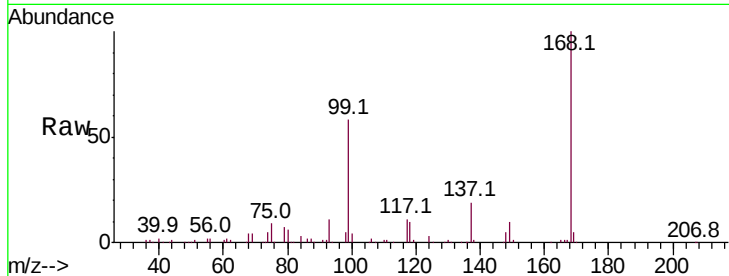




#36
 1,1-Dichloropropene
 Concen: 4.619 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD066817.D
 Acq: 22 Sep 2020 18:07

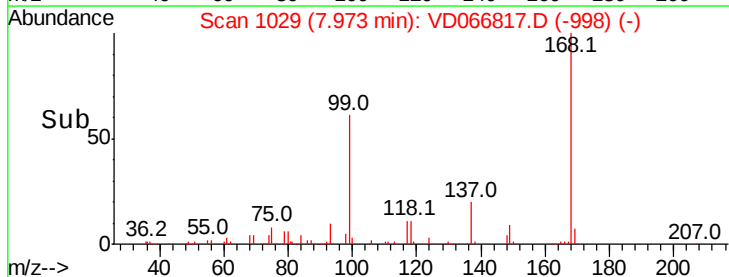
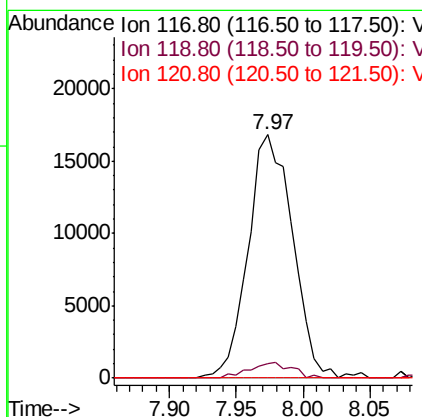
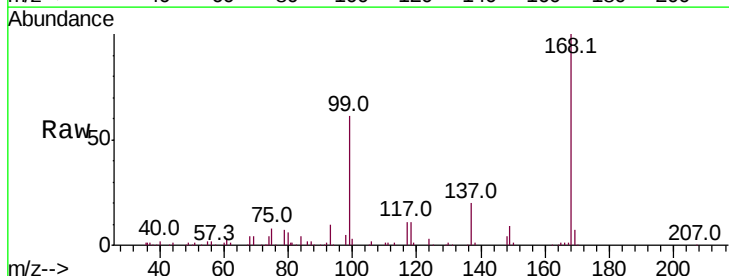
Instrument :
 MSVOA_D
 ClientSampleId :
 031

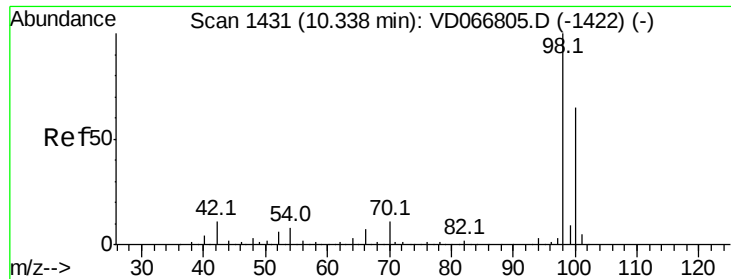
Tot Ion: 75 Resp: 30164
 Ion Ratio Lower Upper
 75 100
 110 11.1 17.9 53.8#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.423 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066817.D
 Acq: 22 Sep 2020 18:07

Tgt Ion: 117 Resp: 38717
 Ion Ratio Lower Upper
 117 100
 119 5.8 75.8 113.8#
 121 0.0 23.4 35.0#





#50

Toluene-d8

Concen: 56.007 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066817.D

Acq: 22 Sep 2020 18:07

Instrument :

MSVOA_D

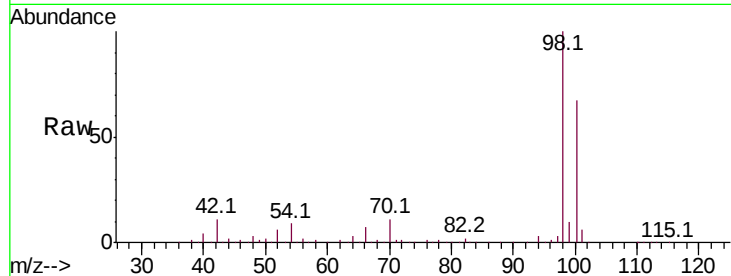
ClientSampleId :
031

Tot Ion: 98 Resp: 799112

Ion Ratio Lower Upper

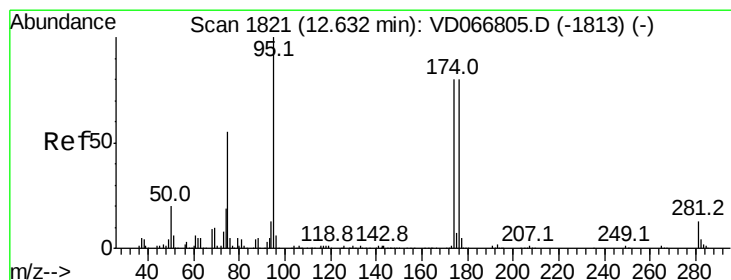
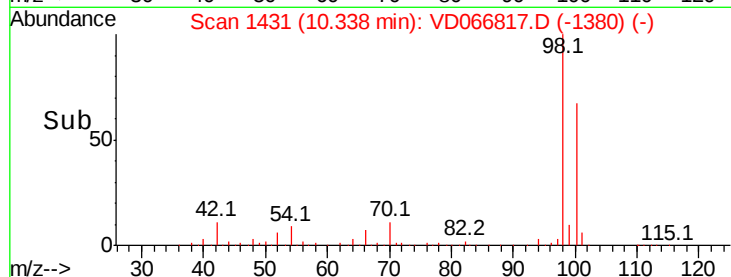
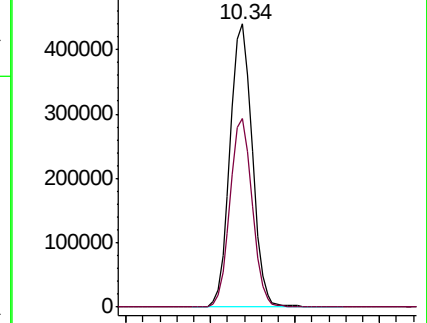
98 100

100 66.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 55.342 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066817.D

Acq: 22 Sep 2020 18:07

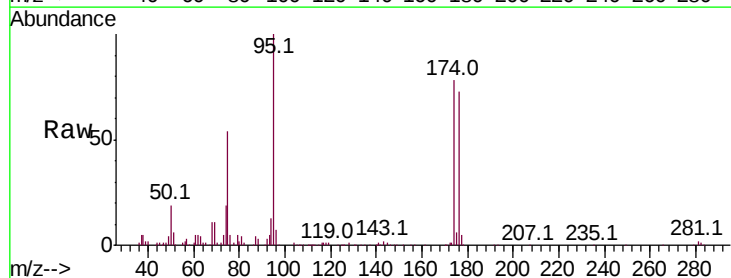
Tgt Ion: 95 Resp: 270317

Ion Ratio Lower Upper

95 100

174 78.8 0.0 159.8

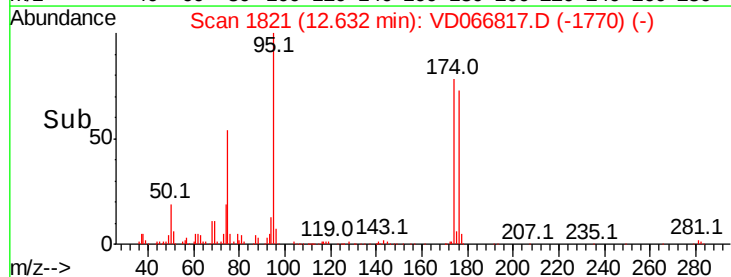
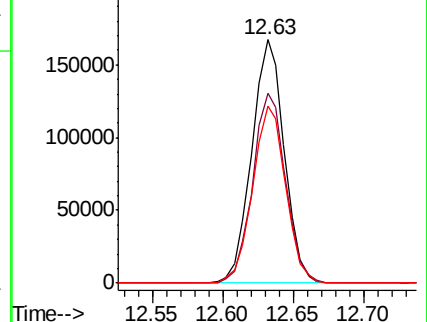
176 73.9 0.0 154.4

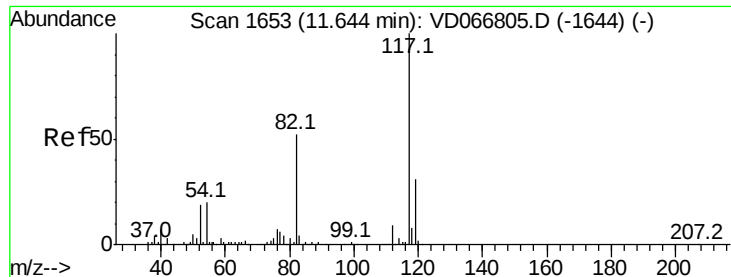


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

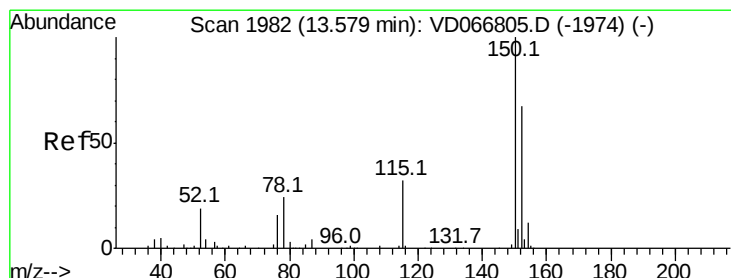
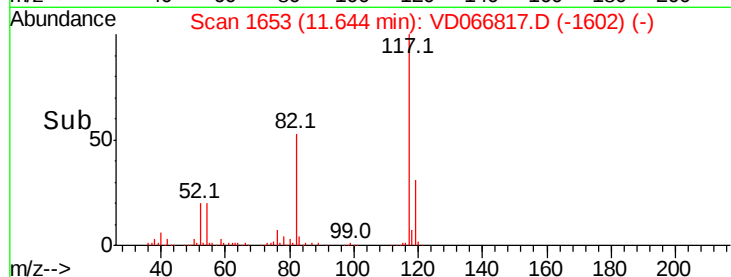
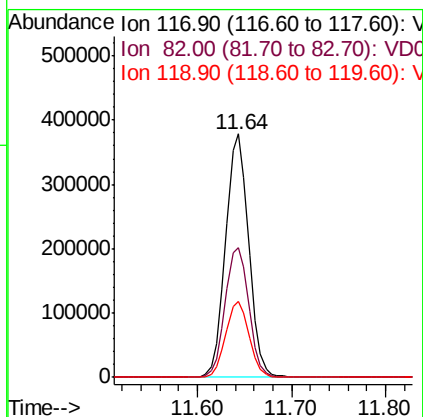
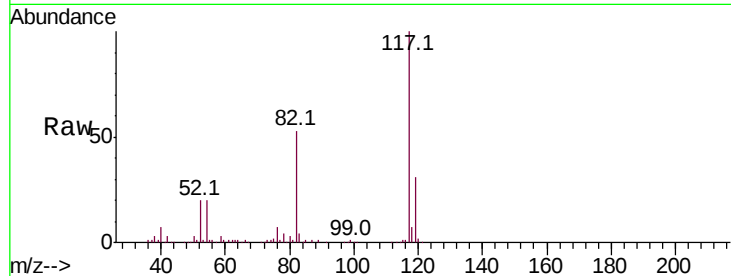




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

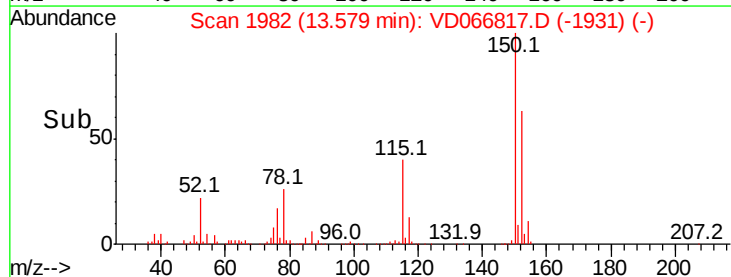
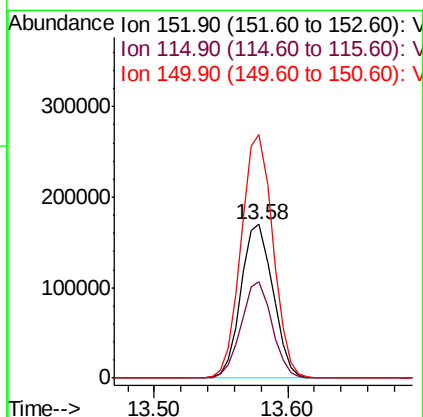
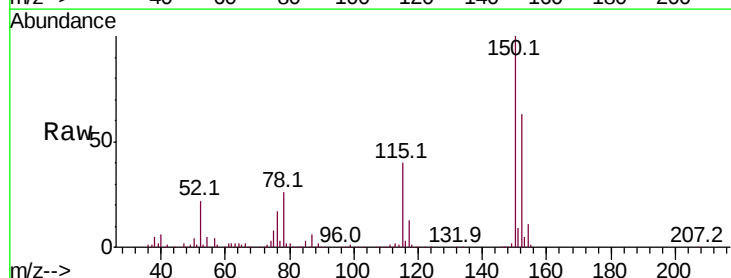
Instrument :
MSVOA_D
ClientSampled :
031

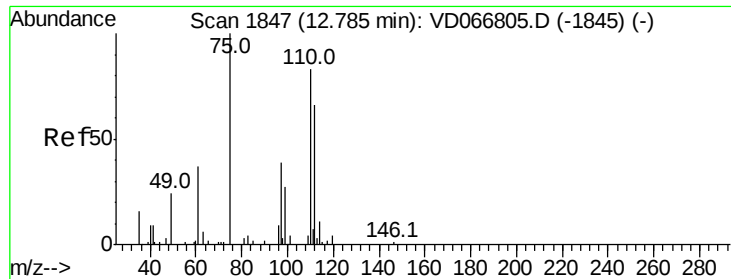
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.6
119	31.4	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.3	91.0
150	157.5	0.0	346.2





#76

1,2,3-Trichloropropane

Concen: 60.048 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066817.D

Acq: 22 Sep 2020 18:07

Instrument :

MSVOA_D

ClientSampled :

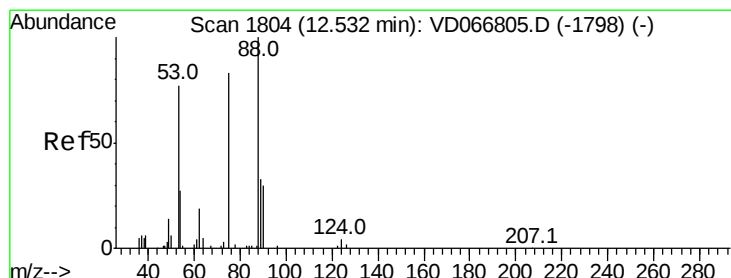
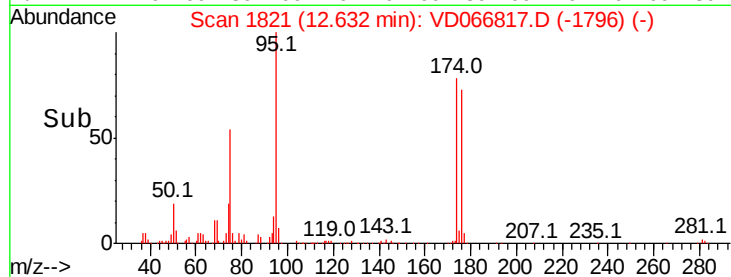
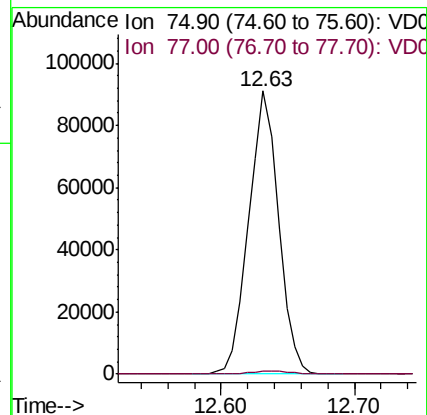
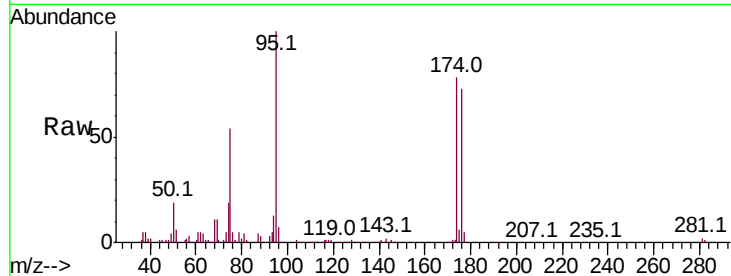
031

Tot Ion: 75 Resp: 140249

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 150.236 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066817.D

Acq: 22 Sep 2020 18:07

Tgt Ion: 75 Resp: 140249

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 38.1 57.1#

