

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066913.D
 Acq On : 28 Sep 2020 15:09
 Operator : VA/SY
 Sample : L4158-01
 Misc : 4.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-1

Quant Time: Sep 29 00:57:23 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	427968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	741168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	767734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	378500	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	225401	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
35) Dibromofluoromethane	7.91	113	237648	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.34	98	894779	55.69	ug/l	0.00
Spiked Amount			Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.63	95	366485	66.63	ug/l	0.00
Spiked Amount			Recovery	=	133.26%	

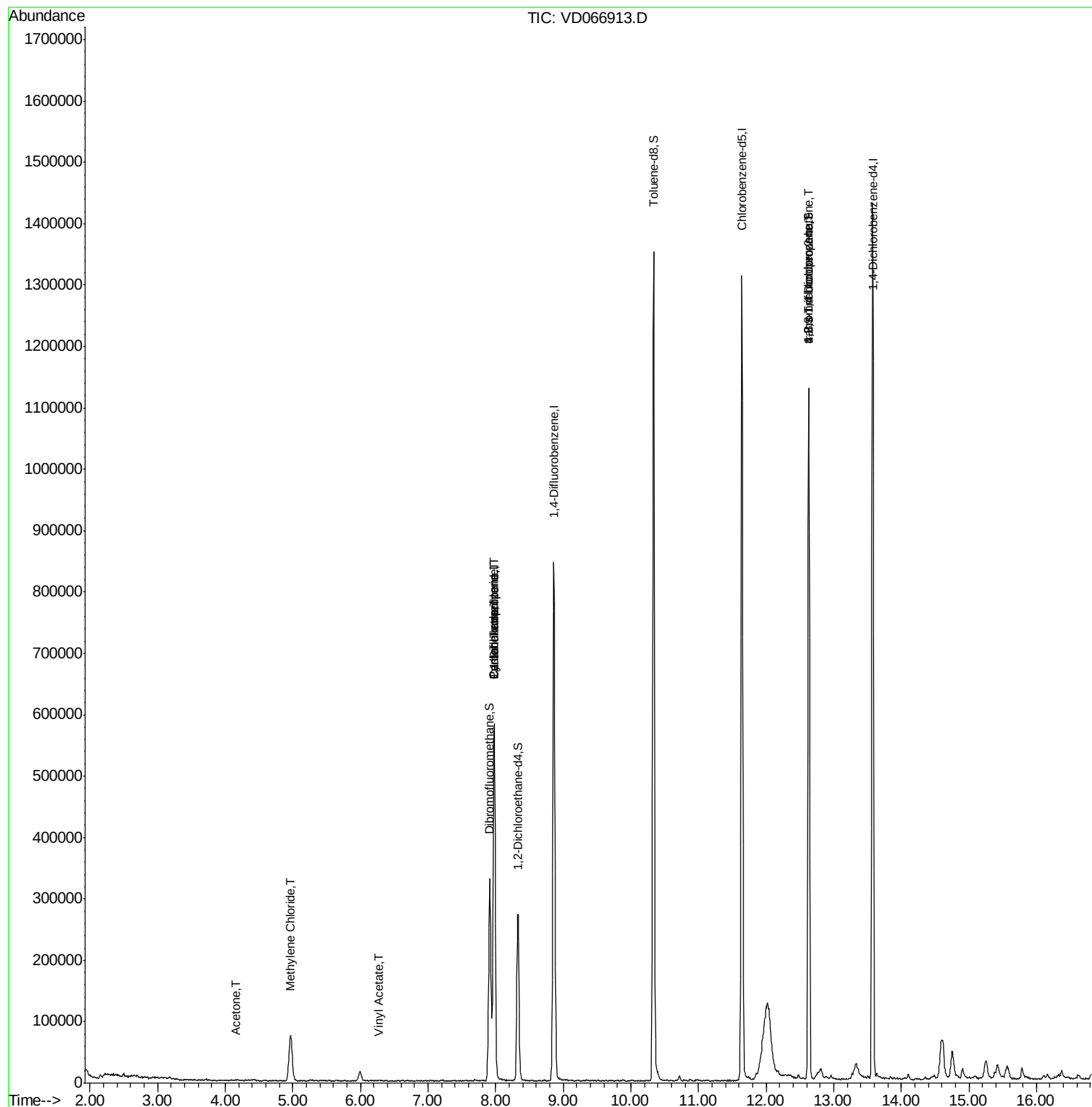
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	321	Below Cal	#	46
16) Acetone	4.16	43	2096	2.359	ug/l #	78
18) Methyl Acetate	4.64	43	62	Below Cal	#	50
20) Methylene Chloride	4.96	84	63351	8.362	ug/l	91
23) Vinyl Acetate	6.26	43	53	2.679	ug/l #	71
31) Cyclohexane	7.97	56	9377	1.231	ug/l #	6
36) 1,1-Dichloropropene	7.98	75	34033	4.628	ug/l #	50
38) Carbon Tetrachloride	7.98	117	46660	5.804	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	190260	60.656	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	190260	151.756	ug/l #	10

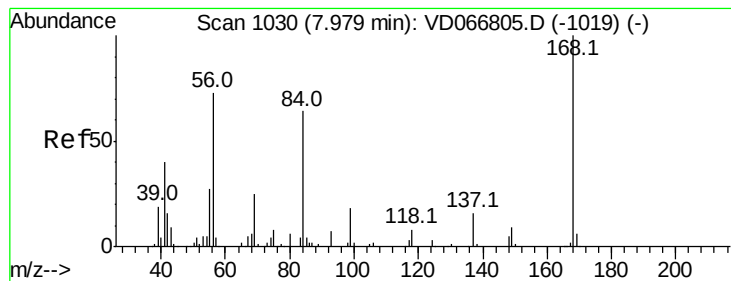
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
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Misc : 4.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Sep 29 00:57:23 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: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

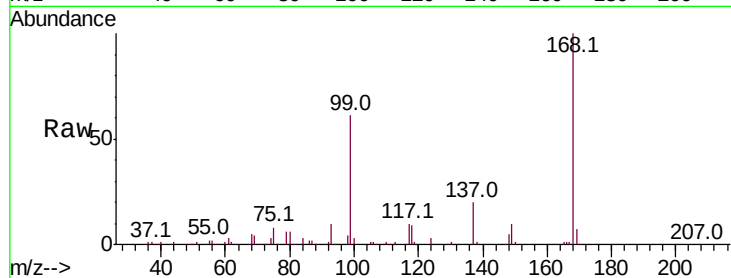
SP-1-1

Tot Ion:168 Resp: 427968

Ion Ratio Lower Upper

168 100

99 60.9 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

200000

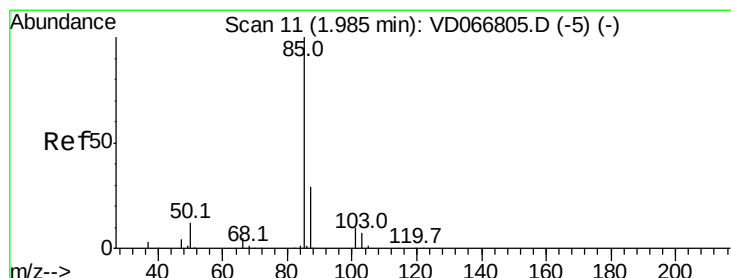
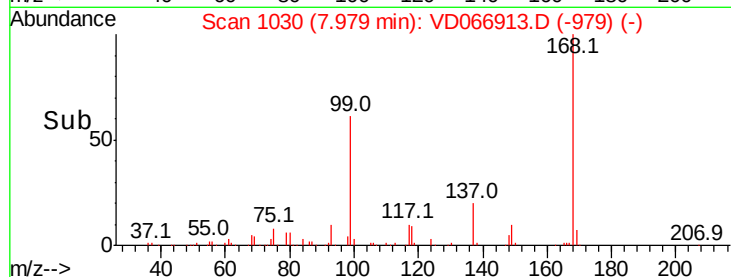
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066913.D

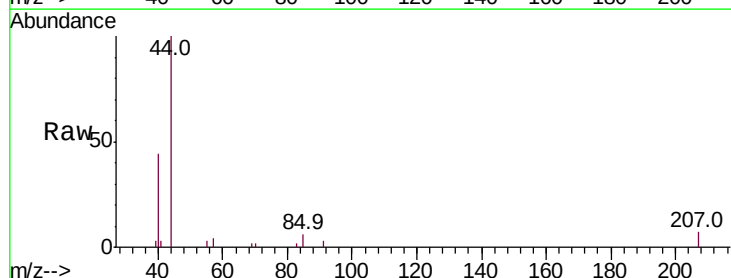
Acq: 28 Sep 2020 15:09

Tgt Ion: 85 Resp: 321

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

1.99

500

400

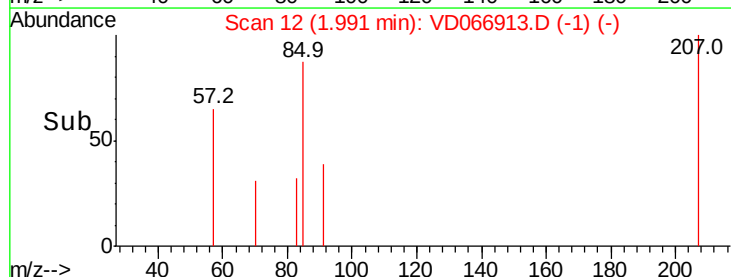
300

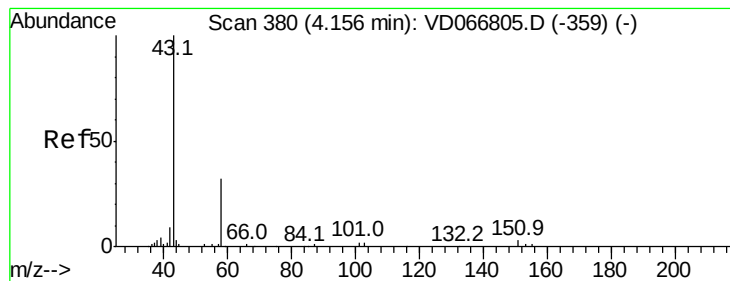
200

100

0

Time-->





#16

Acetone

Concen: 2.359 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampled :

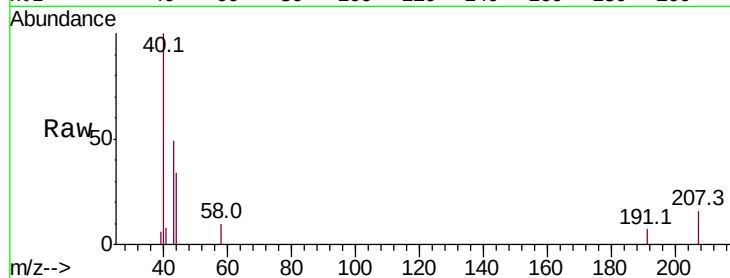
SP-1-1

Tot Ion: 43 Resp: 2096

Ion Ratio Lower Upper

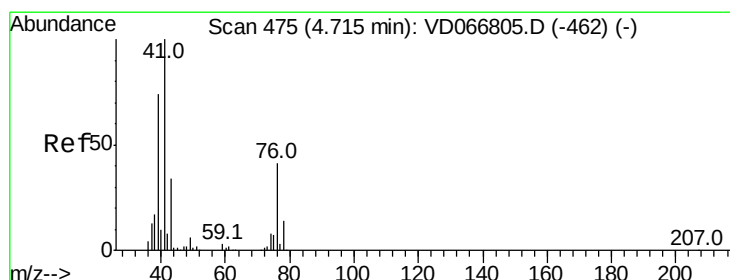
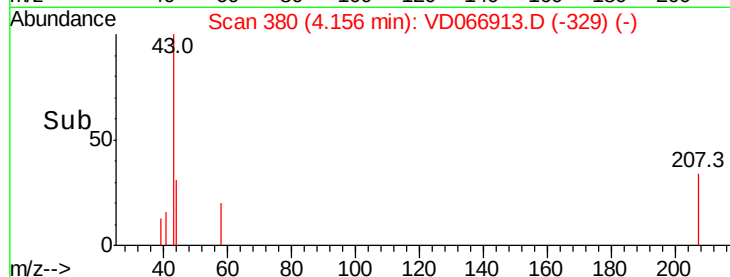
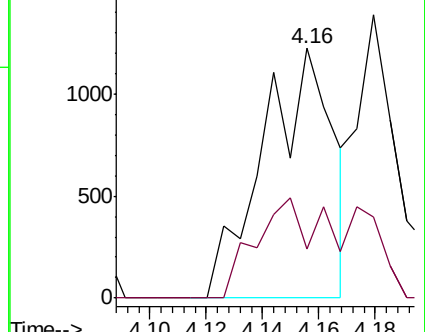
43 100

58 19.8 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.64 min Scan# 462

Delta R.T. -0.08 min

Lab File: VD066913.D

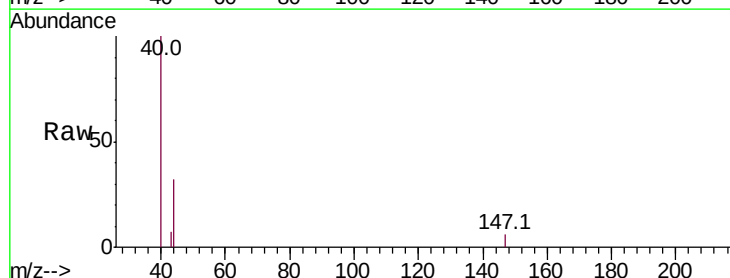
Acq: 28 Sep 2020 15:09

Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

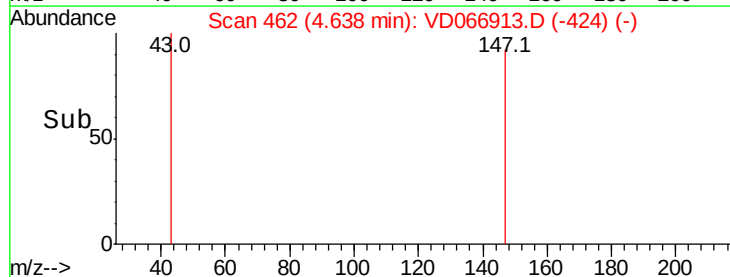
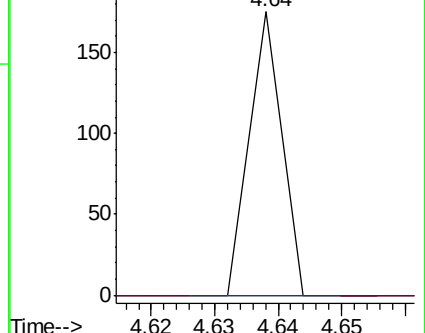
43 100

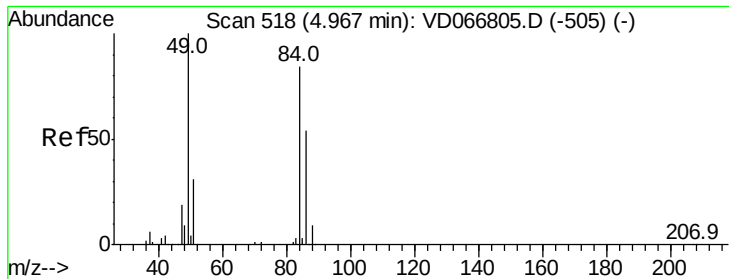
74 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

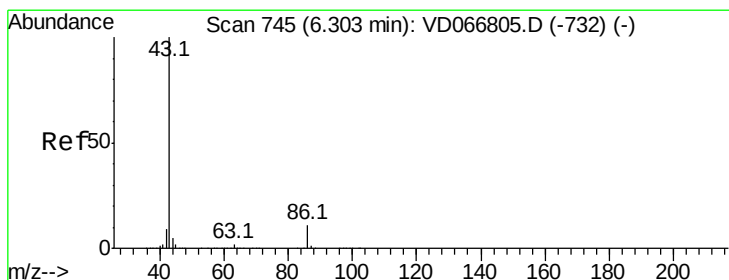
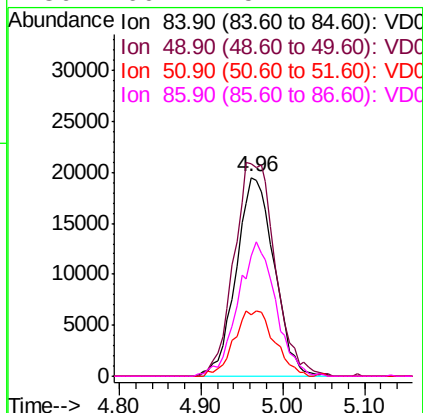
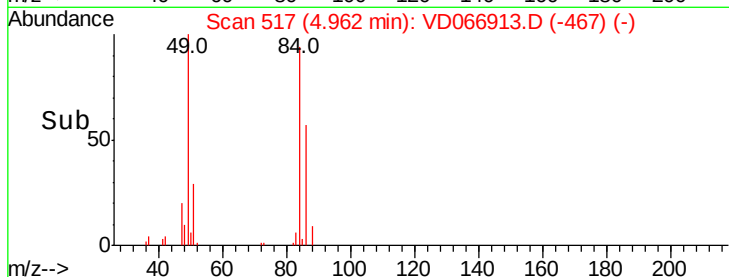
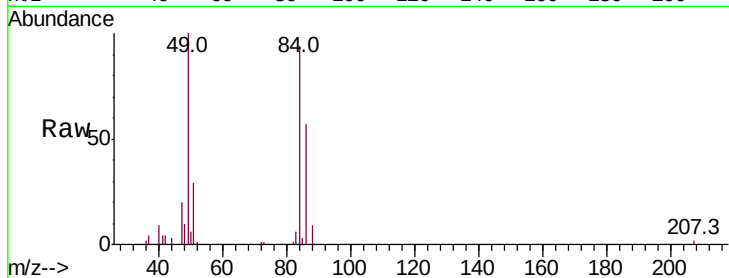




#20
Methvlene Chloride
Concen: 8.362 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066913.D
Acq: 28 Sep 2020 15:09

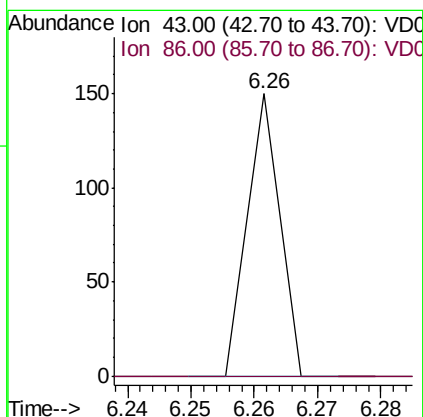
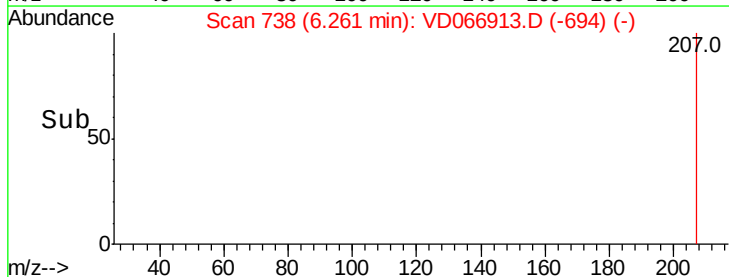
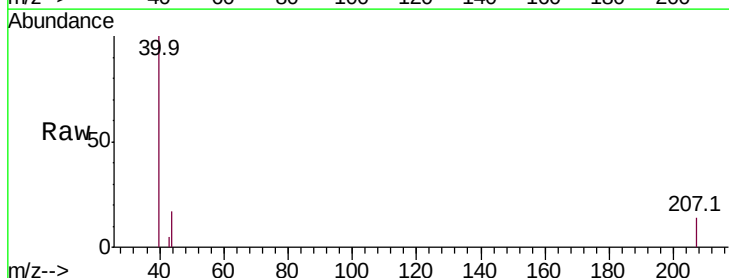
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

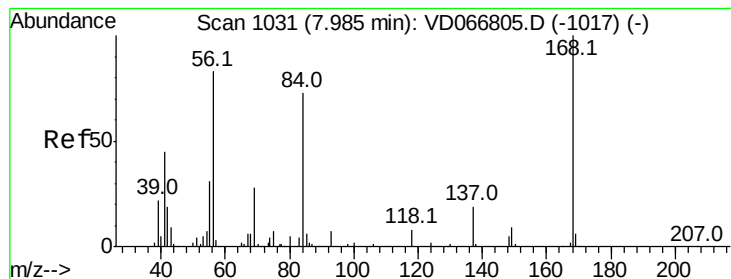
Tot Ion:	84	Resp:	63351
Ion	Ratio	Lower	Upper
84	100		
49	106.8	95.4	143.2
51	31.0	29.7	44.5
86	60.4	51.4	77.2



#23
Vinyl Acetate
Concen: 2.679 ug/l
RT: 6.26 min Scan# 738
Delta R.T. -0.04 min
Lab File: VD066913.D
Acq: 28 Sep 2020 15:09

Tgt Ion:	43	Resp:	53
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#





#31

Cyclohexane

Concen: 1.231 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampleID :

SP-1-1

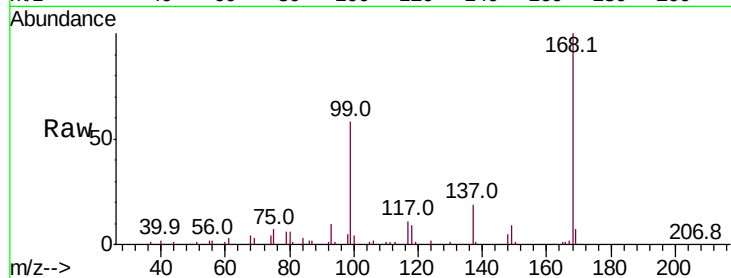
Tot Ion: 56 Resp: 9377

Ion Ratio Lower Upper

56 100

69 144.8 27.0 40.4#

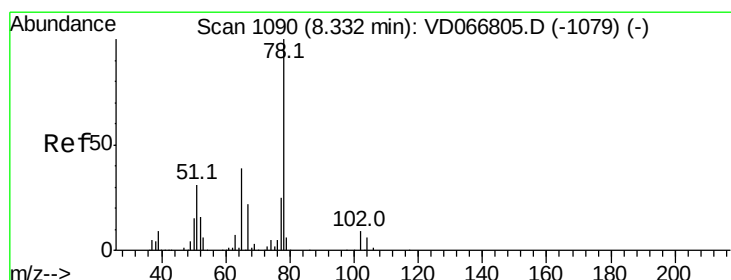
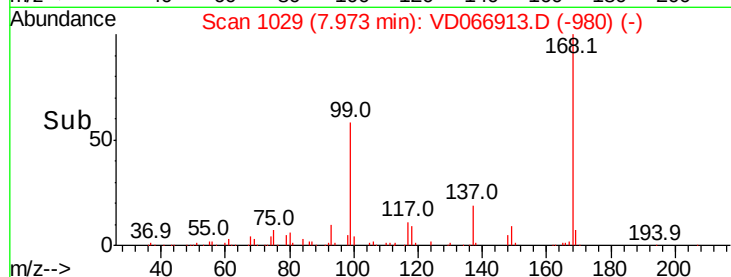
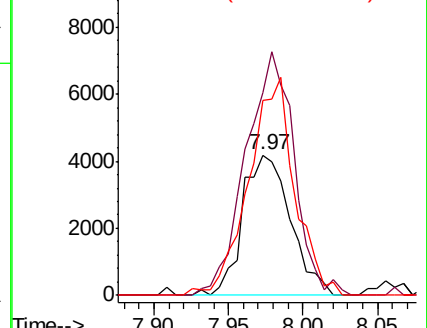
84 139.1 70.2 105.4#



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: 53.811 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066913.D

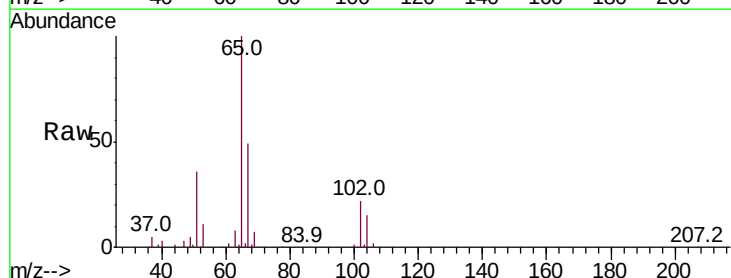
Acq: 28 Sep 2020 15:09

Tgt Ion: 65 Resp: 225401

Ion Ratio Lower Upper

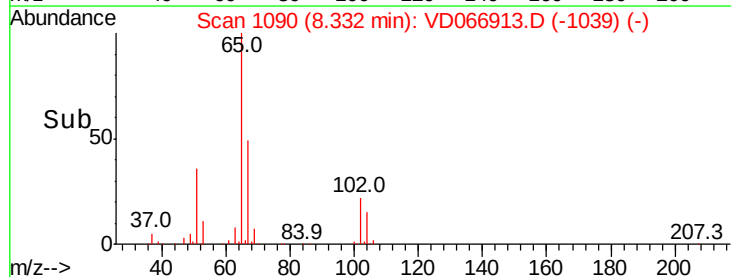
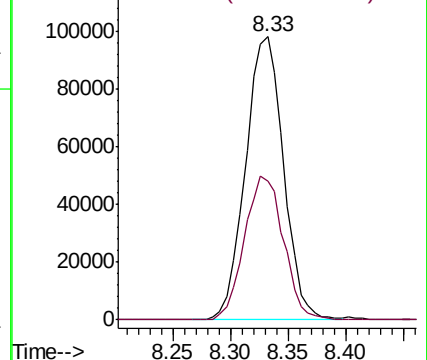
65 100

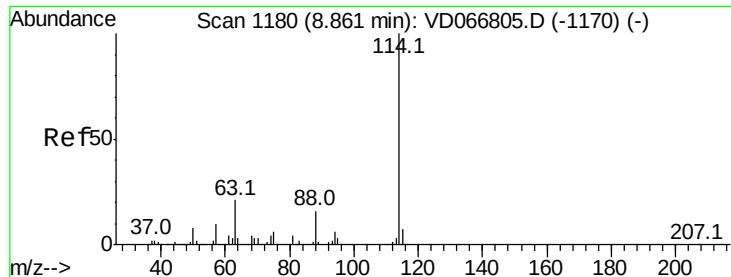
67 52.1 0.0 107.2



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: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

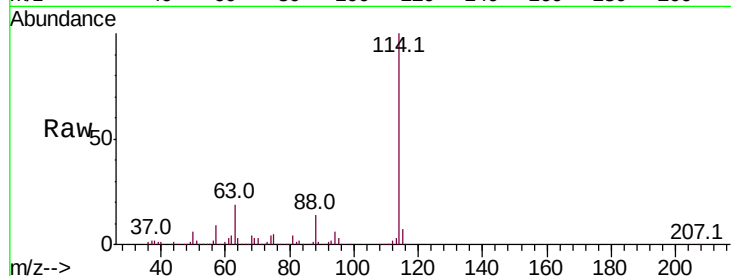
Tot Ion:114 Resp: 741168

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

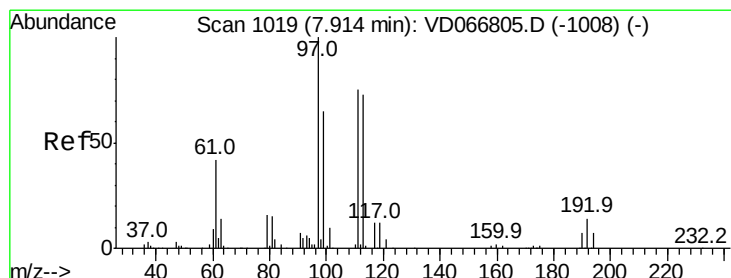
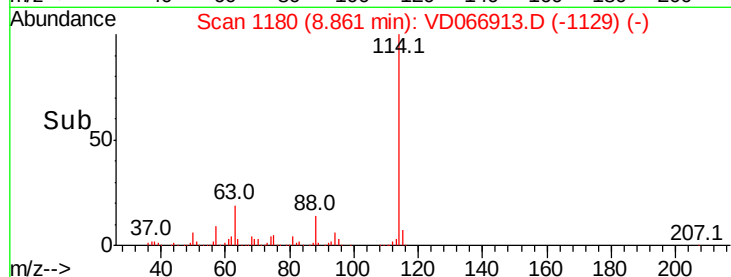
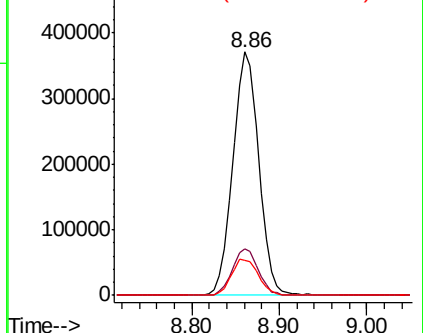
88 14.5 0.0 32.6



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: 50.399 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

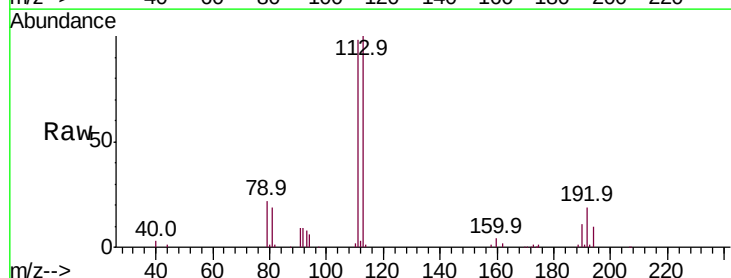
Tgt Ion:113 Resp: 237648

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

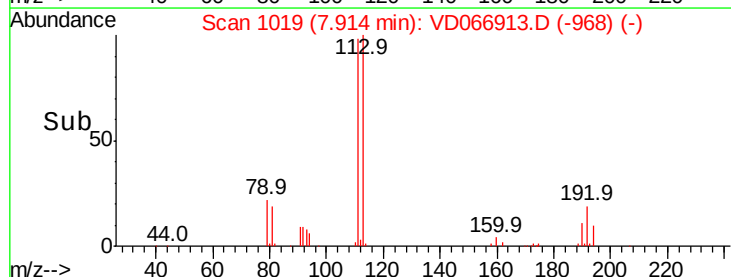
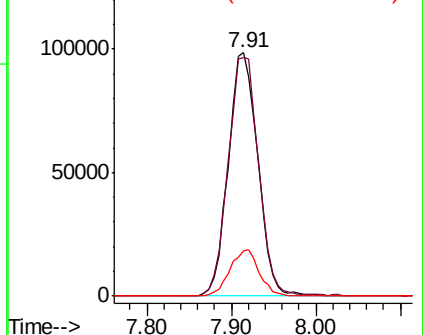
192 18.6 14.4 21.6

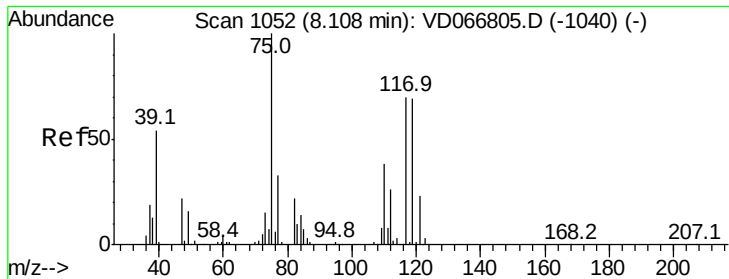


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.628 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

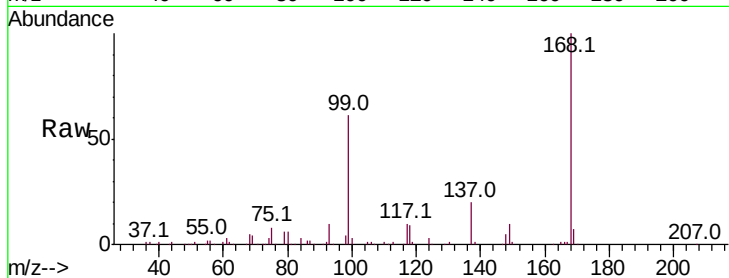
Tot Ion: 75 Resp: 34033

Ion Ratio Lower Upper

75 100

110 9.7 17.9 53.8#

77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VD066913.D (-998) (-)

Ion 109.90 (109.60 to 110.60): VD066913.D (-998) (-)

Ion 76.90 (76.60 to 77.60): VD066913.D (-998) (-)

7.98

15000

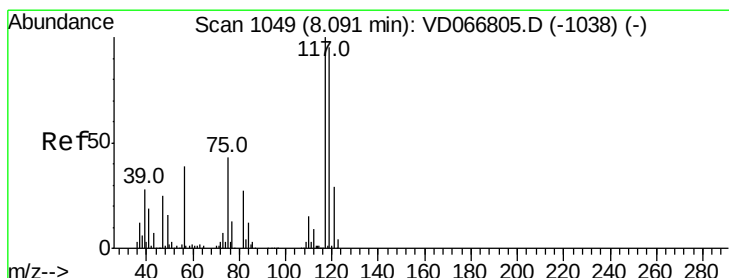
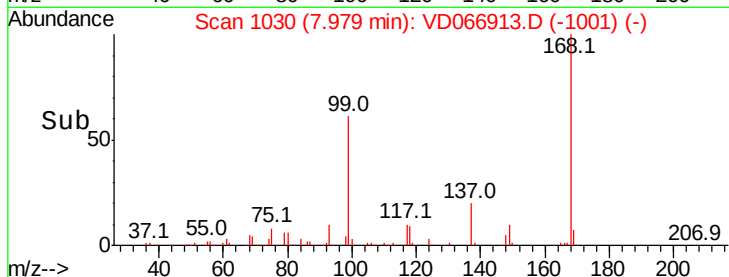
10000

5000

0

7.90 7.95 8.00 8.05

Time-->



#38

Carbon Tetrachloride

Concen: 5.804 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

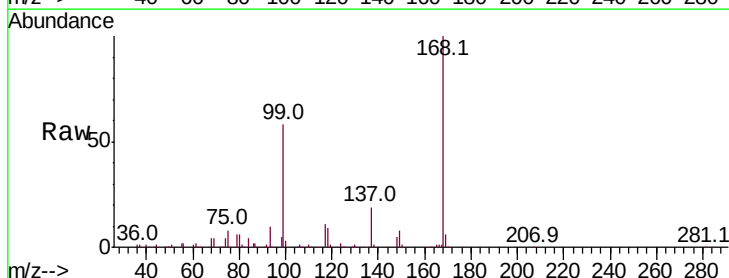
Tgt Ion: 117 Resp: 46660

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

121 0.0 23.4 35.0#



Abundance Ion 116.80 (116.50 to 117.50): VD066913.D (-998) (-)

Ion 118.80 (118.50 to 119.50): VD066913.D (-998) (-)

Ion 120.80 (120.50 to 121.50): VD066913.D (-998) (-)

7.98

25000

20000

15000

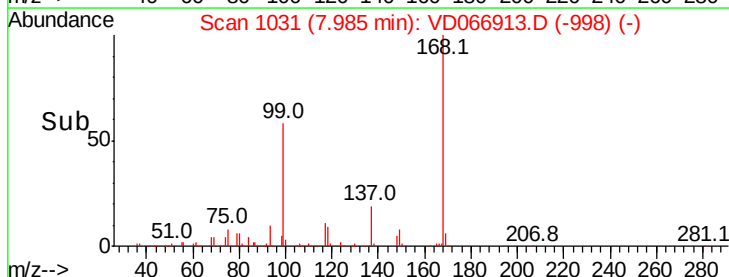
10000

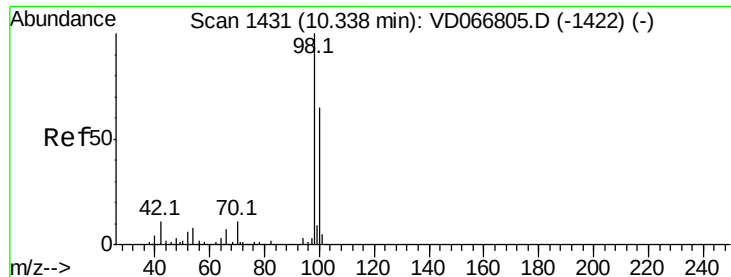
5000

0

7.90 7.95 8.00 8.05

Time-->





#50

Toluene-d8

Concen: 55.694 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

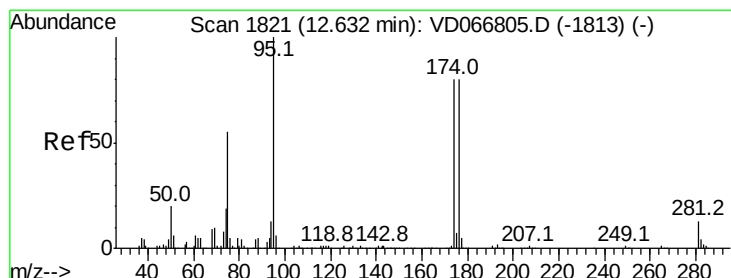
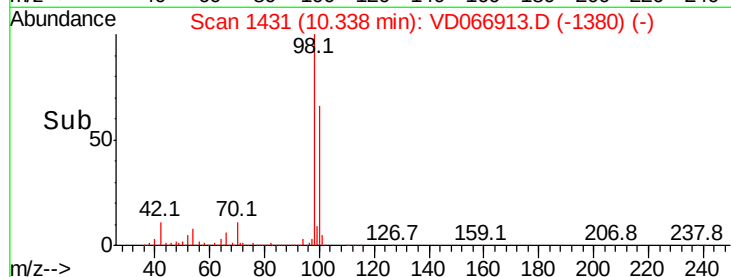
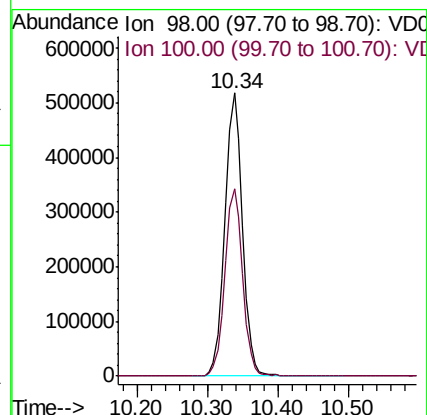
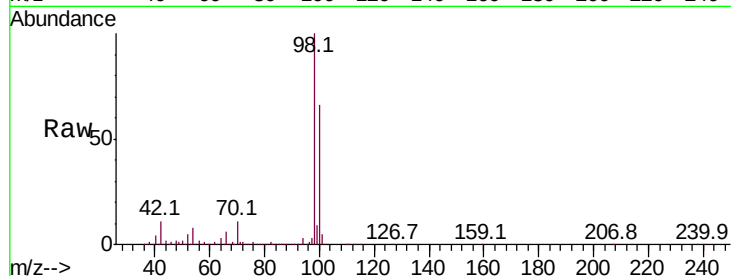
SP-1-1

Tot Ion: 98 Resp: 894779

Ion Ratio Lower Upper

98 100

100 66.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 66.635 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

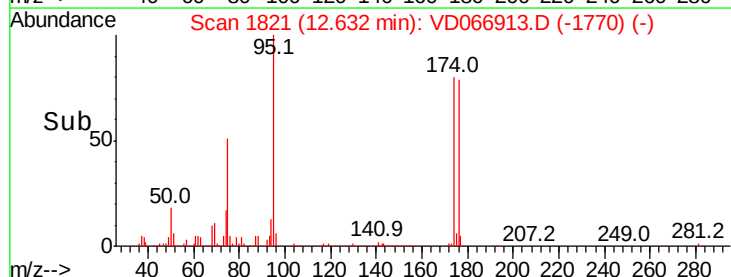
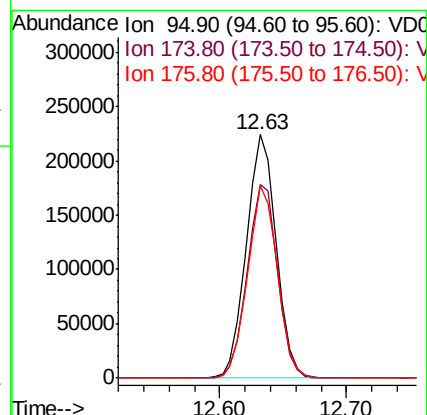
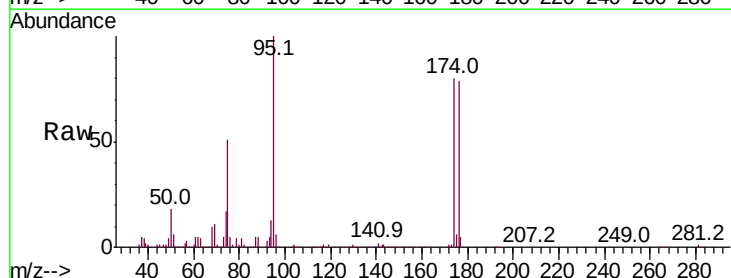
Tgt Ion: 95 Resp: 366485

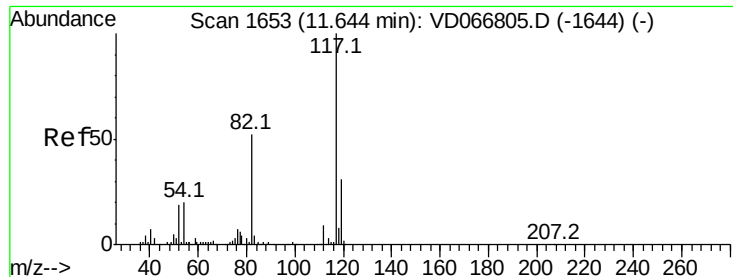
Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.8

176 78.7 0.0 154.4

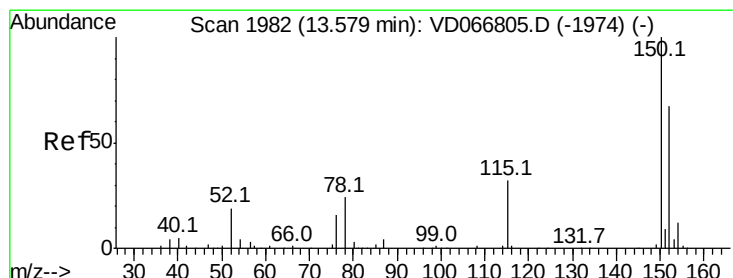
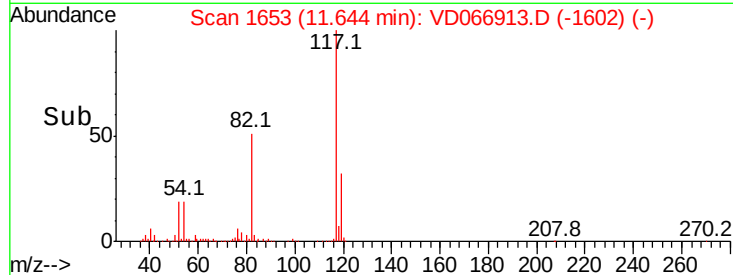
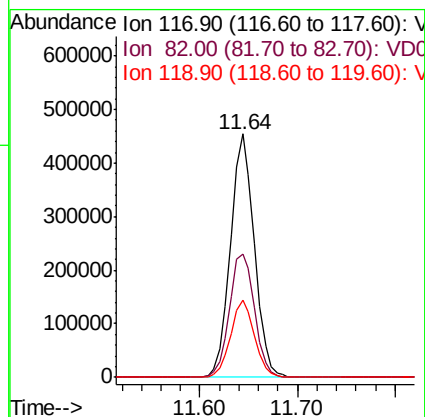
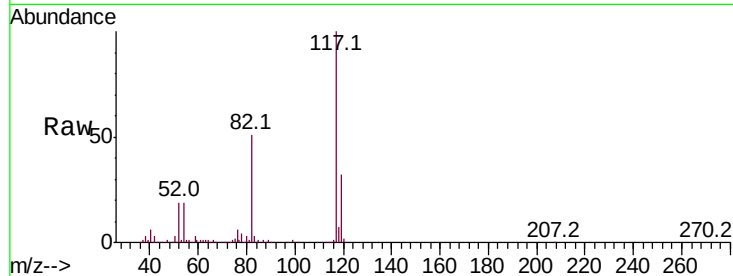




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066913.D
Acq: 28 Sep 2020 15:09

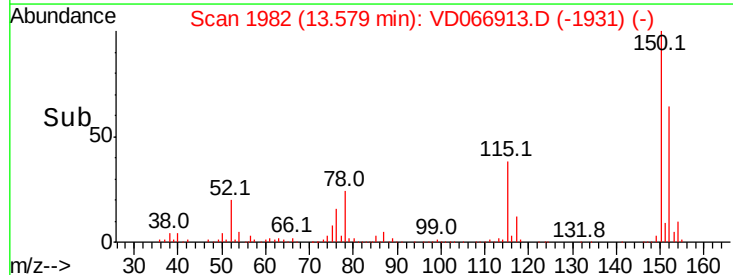
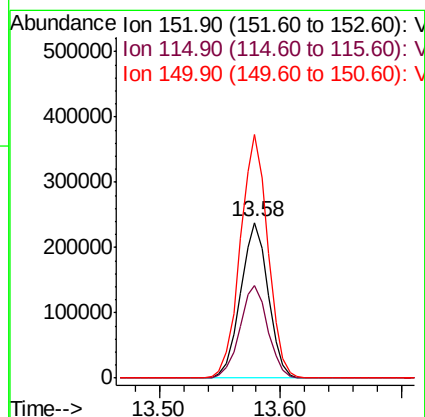
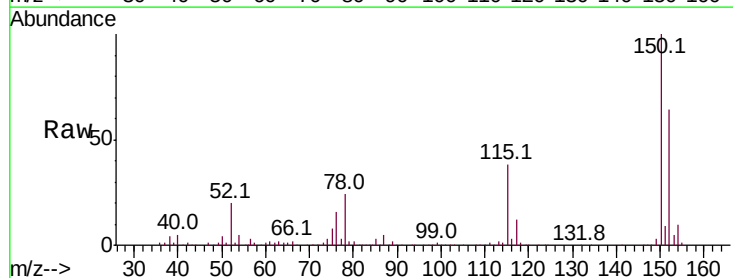
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

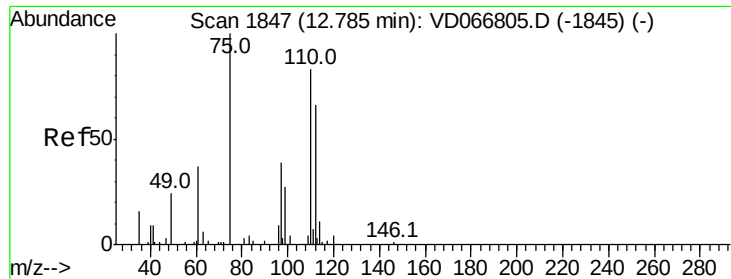
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.8	62.6
119	31.8	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066913.D
Acq: 28 Sep 2020 15:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.3	91.0
150	156.7	0.0	346.2

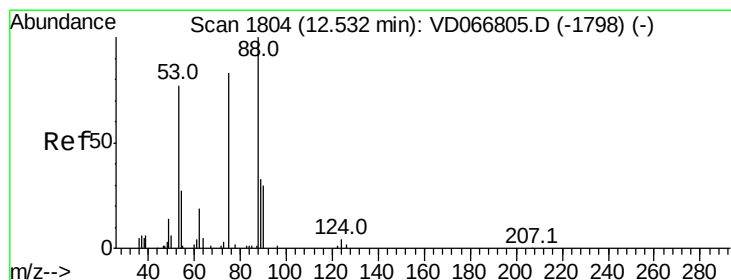
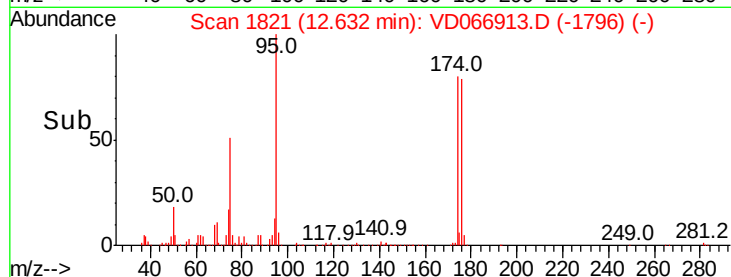
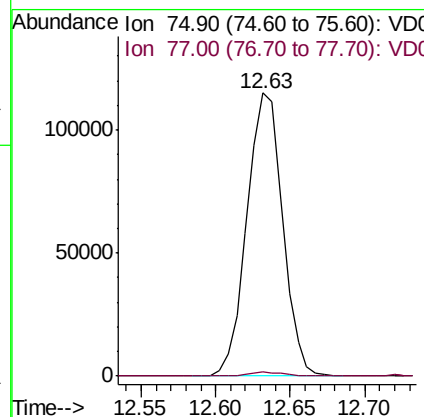
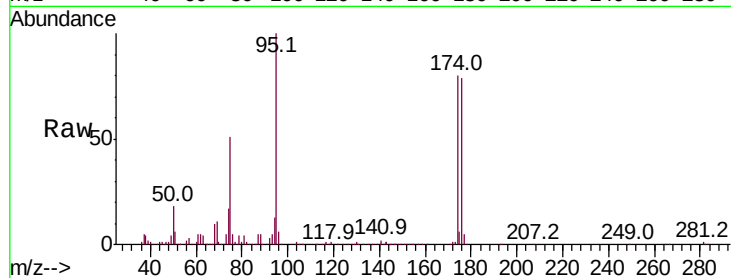




#76
 1,2,3-Trichloropropane
 Concen: 60.656 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066913.D
 Acq: 28 Sep 2020 15:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-1

Tot Ion: 75 Resp: 190260
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.756 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066913.D
 Acq: 28 Sep 2020 15:09

Tgt Ion: 75 Resp: 190260
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.5 117.7#
 89 0.1 38.1 57.1#

