

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067149.D
 Acq On : 07 Oct 2020 13:43
 Operator : VA/SY
 Sample : L4224-01
 Misc : 10.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-100620

Quant Time: Oct 08 07:23:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	381280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	603058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	528325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	242052	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	182780	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	7.91	113	200801	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
50) Toluene-d8	10.34	98	690218	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.64	95	217899	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	

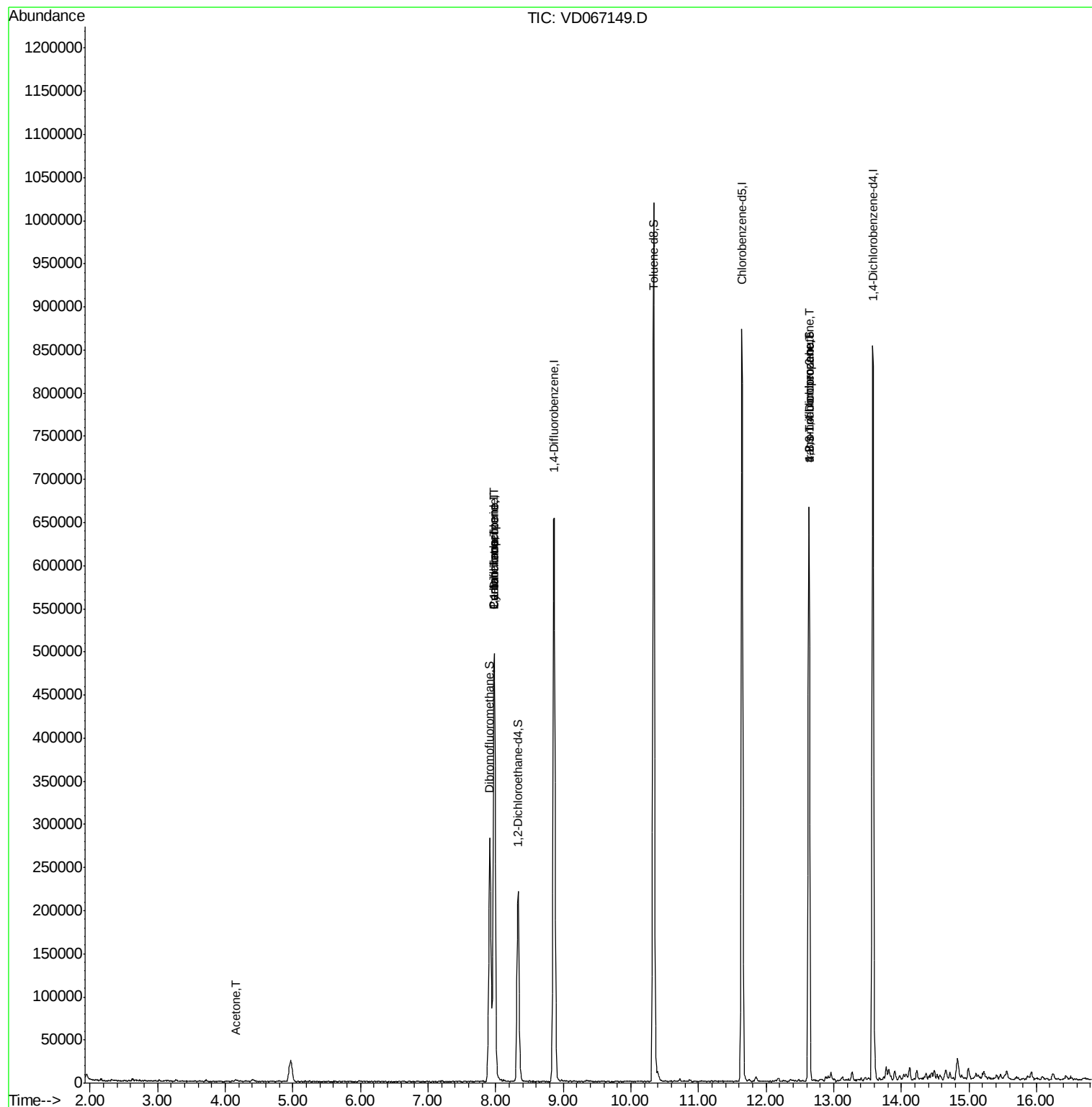
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	174	Below Cal	#	40
5) Bromomethane	2.79	94	111	Below Cal	#	19
16) Acetone	4.16	43	4097	7.308	ug/l	91
20) Methylene Chloride	4.96	84	21465	Below Cal		94
26) 2,2-Dichloropropane	7.21	77	71	Below Cal	#	53
31) Cyclohexane	7.98	56	7279	1.320	ug/l	# 1
36) 1,1-Dichloropropene	7.98	75	27580	4.906	ug/l	# 49
38) Carbon Tetrachloride	7.98	117	39536	6.500	ug/l	# 16
76) 1,2,3-Trichloropropane	12.64	75	110060	52.202	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	110060	130.146	ug/l	# 12

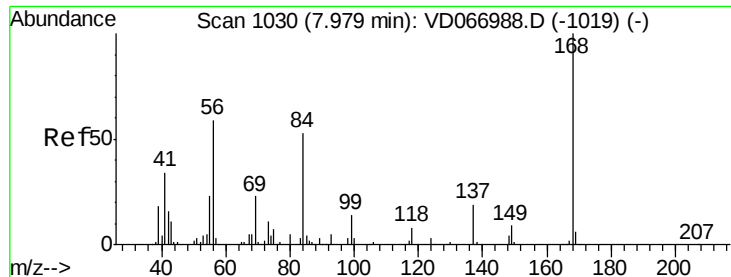
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD067149.D

Acq: 07 Oct 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

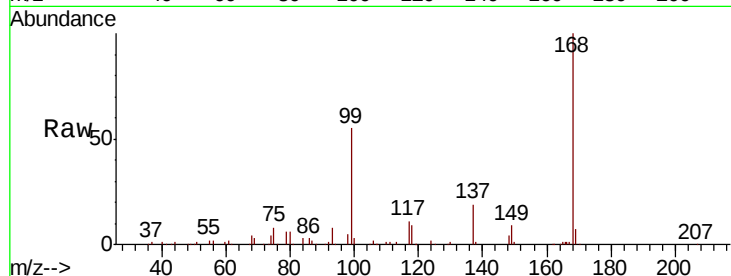
OR-02-100620

Tot Ion:168 Resp: 381280

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

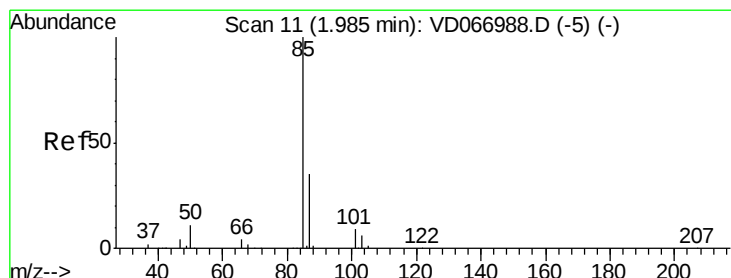
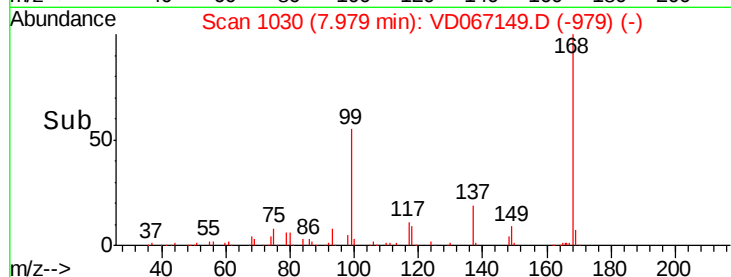
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067149.D

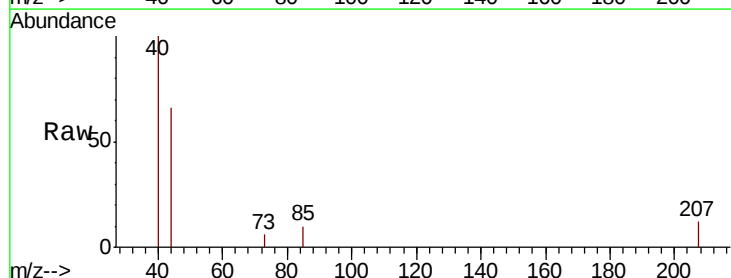
Acq: 07 Oct 2020 13:43

Tgt Ion: 85 Resp: 174

Ion Ratio Lower Upper

85 100

87 0.0 17.3 52.0#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

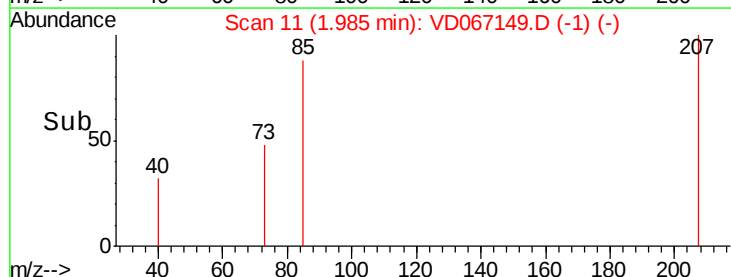
300

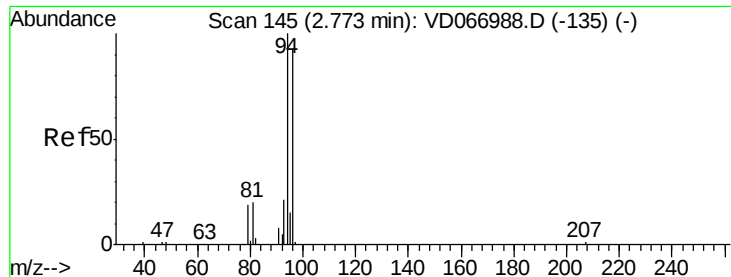
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067149.D

Acq: 07 Oct 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

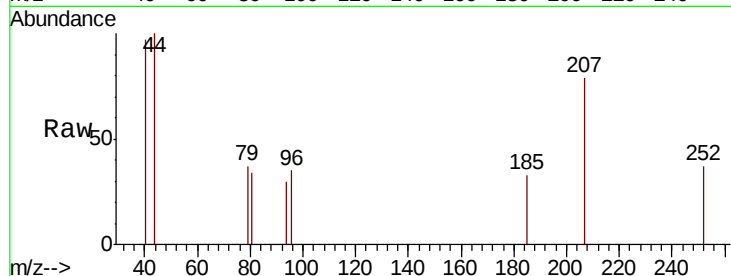
OR-02-100620

Tot Ion: 94 Resp: 111

Ion Ratio Lower Upper

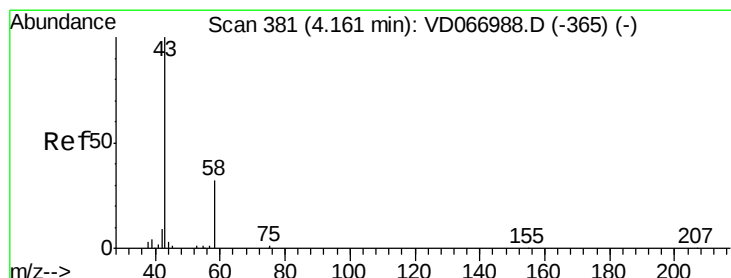
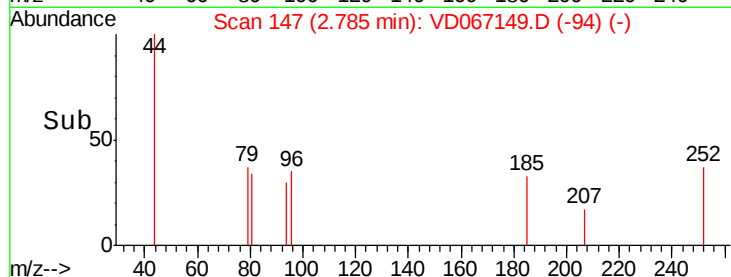
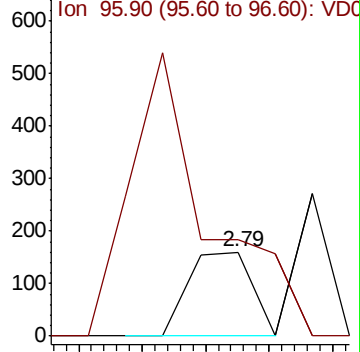
94 100

96 15.6 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#16

Acetone

Concen: 7.308 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067149.D

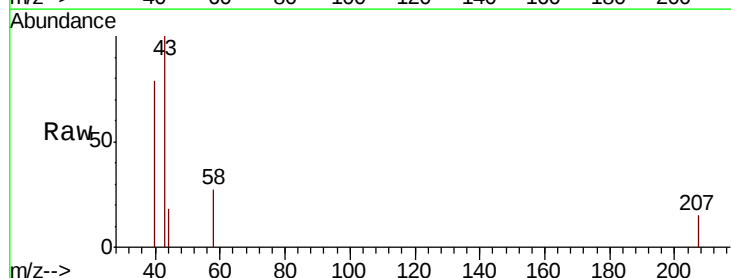
Acq: 07 Oct 2020 13:43

Tgt Ion: 43 Resp: 4097

Ion Ratio Lower Upper

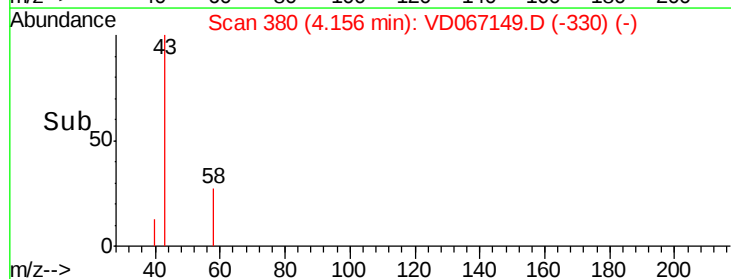
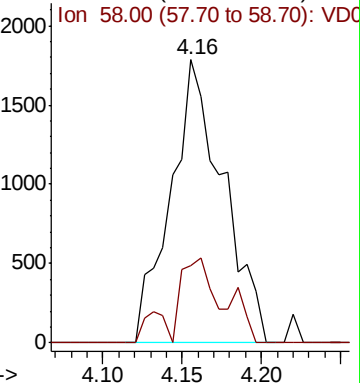
43 100

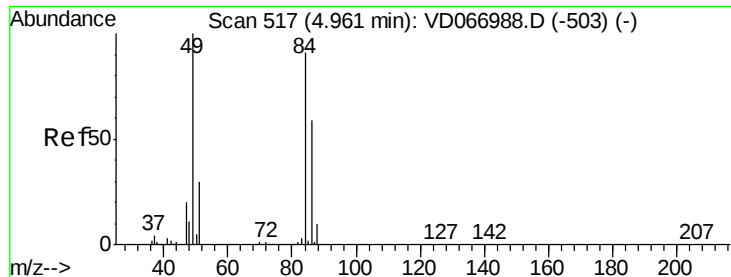
58 27.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

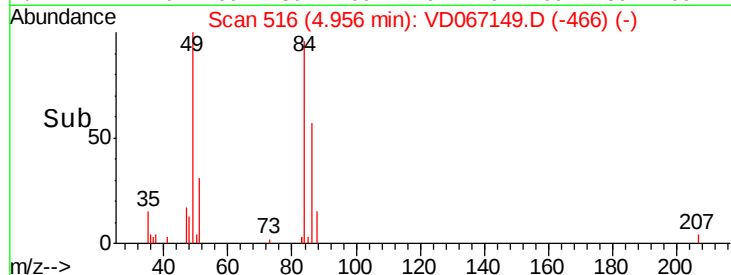
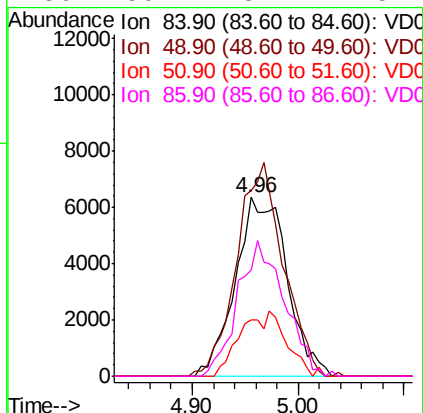
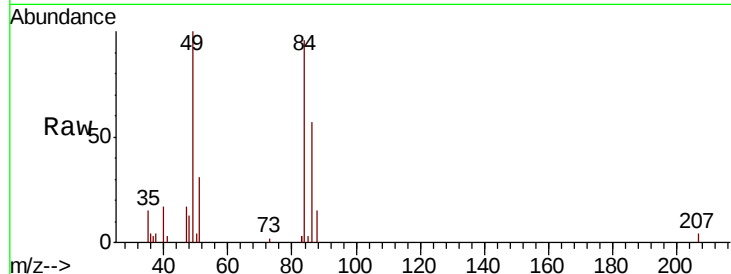




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067149.D
Acq: 07 Oct 2020 13:43

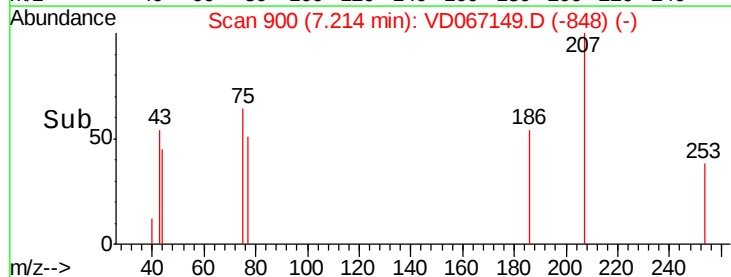
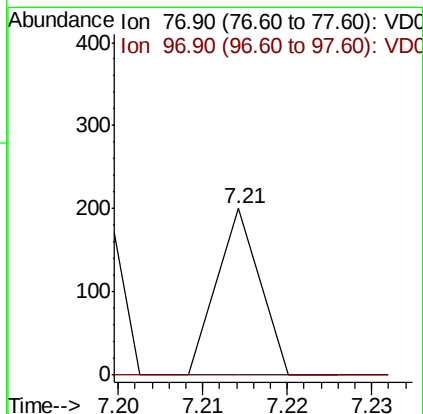
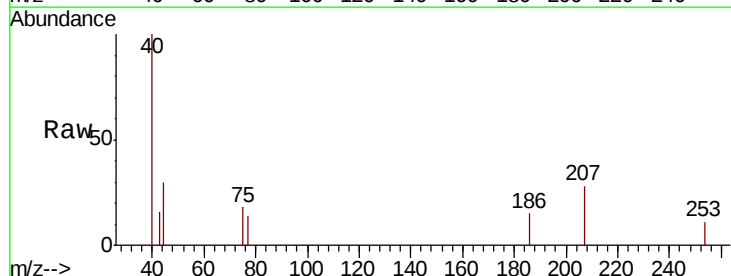
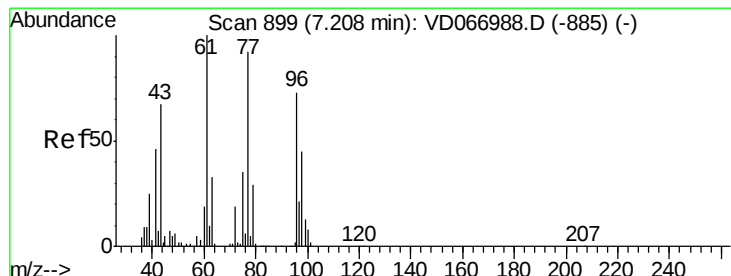
Instrument :
MSVOA_D
ClientSampleId :
OR-02-100620

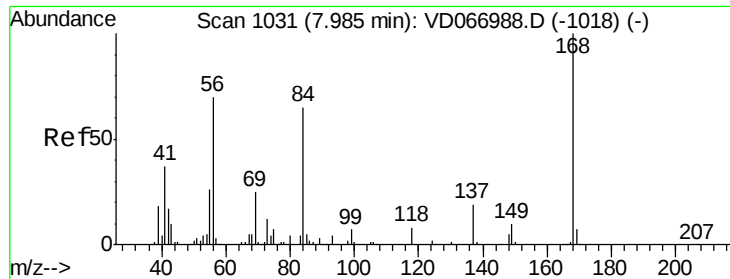
Tot Ion:	84	Resp:	21465
Ion	Ratio	Lower	Upper
84	100		
49	103.7	88.2	132.2
51	31.7	26.6	39.8
86	59.4	52.1	78.1



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067149.D
Acq: 07 Oct 2020 13:43

Tgt Ion:	77	Resp:	71
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.2#

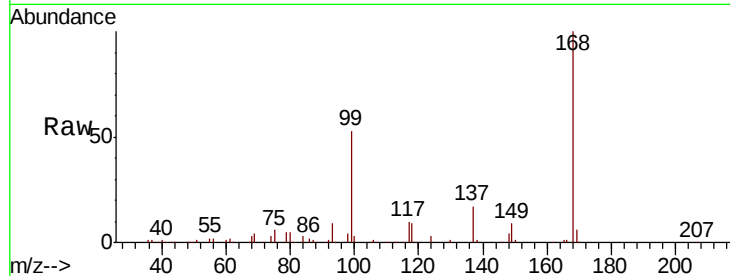




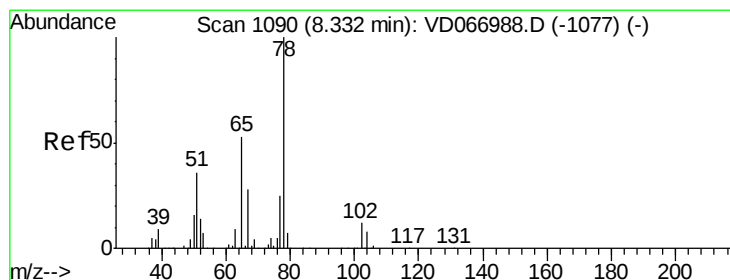
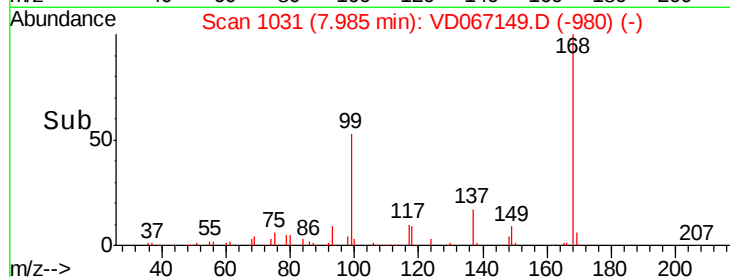
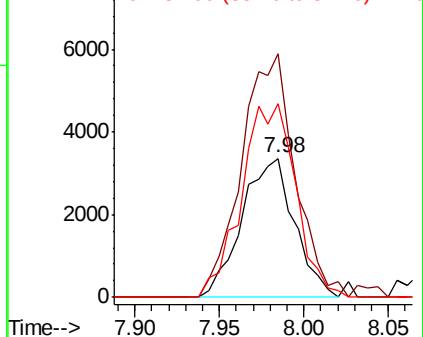
#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067149.D
Acq: 07 Oct 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
OR-02-100620

Tot Ion: 56 Resp: 7279
Ion Ratio Lower Upper
56 100
69 174.9 29.0 43.6#
84 139.0 74.2 111.2#

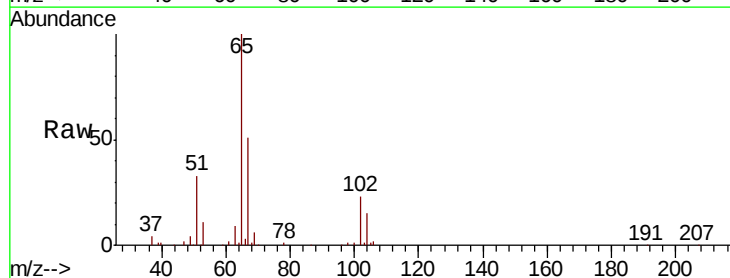


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

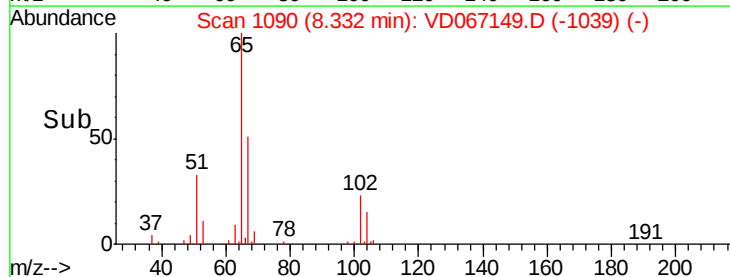
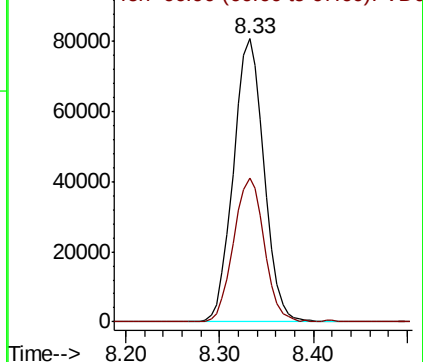


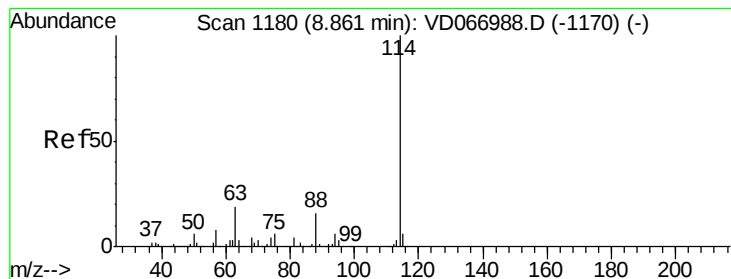
#33
1,2-Dichloroethane-d4
Concen: 49.770 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067149.D
Acq: 07 Oct 2020 13:43

Tgt Ion: 65 Resp: 182780
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.8



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: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067149.D

Acq: 07 Oct 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

OR-02-100620

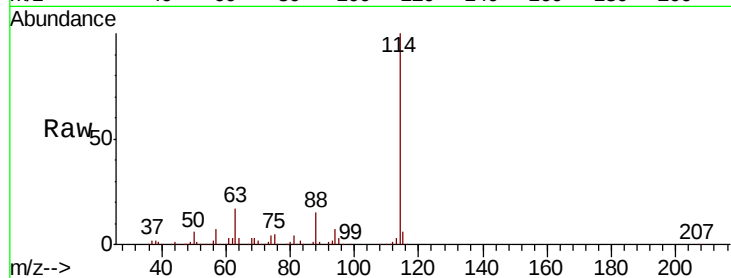
Tot Ion:114 Resp: 603058

Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

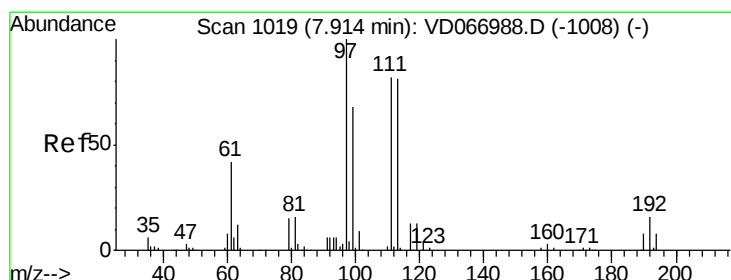
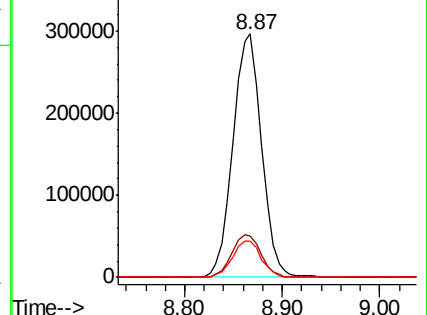
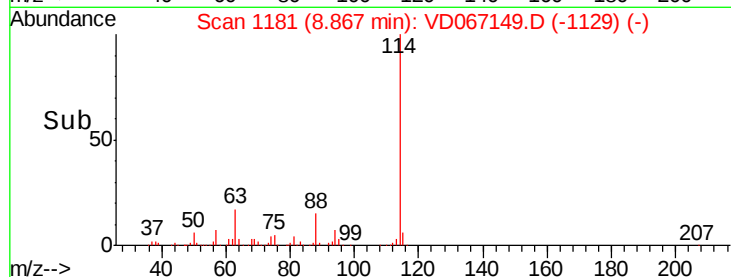
88 15.0 0.0 31.2



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: 50.860 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067149.D

Acq: 07 Oct 2020 13:43

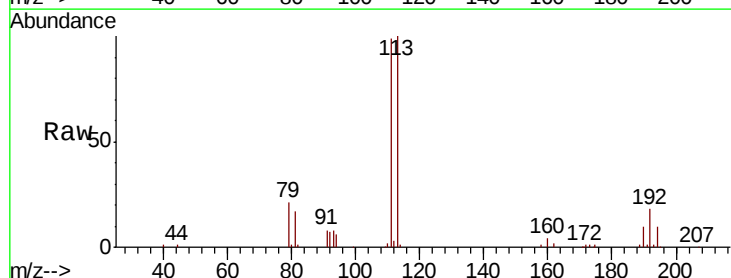
Tgt Ion:113 Resp: 200801

Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

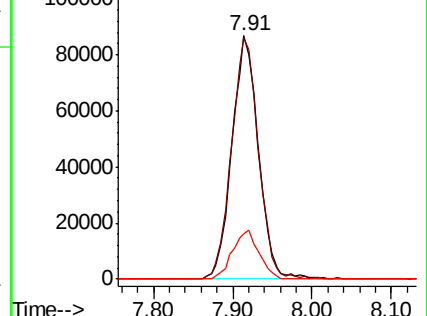
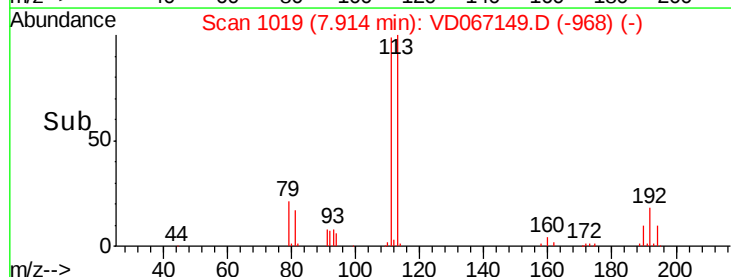
192 19.9 15.5 23.3

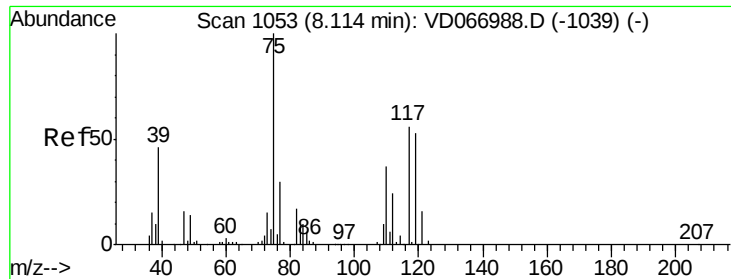


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.906 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067149.D

Acq: 07 Oct 2020 13:43

Instrument :

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ClientSampleId :

OR-02-100620

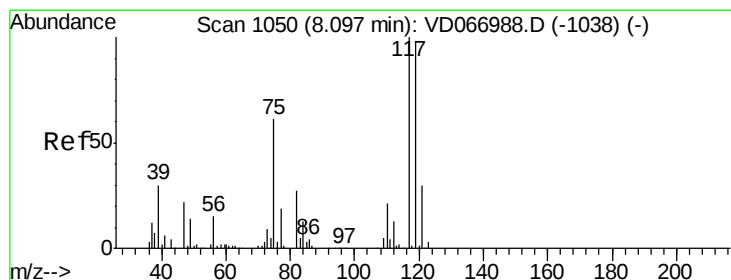
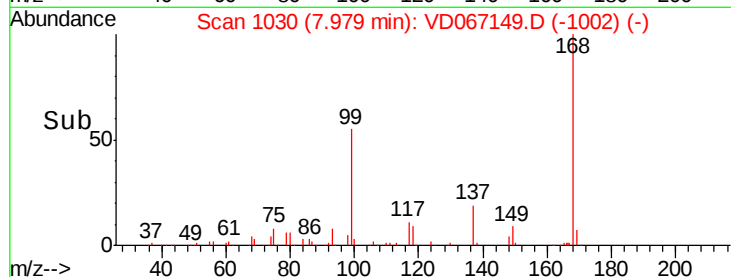
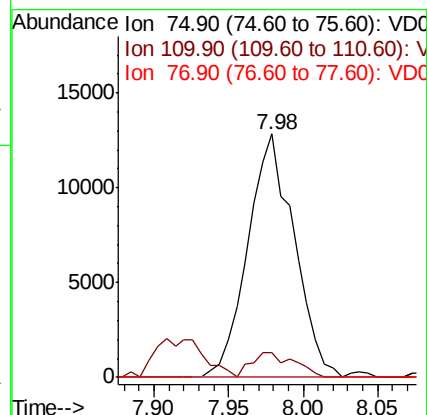
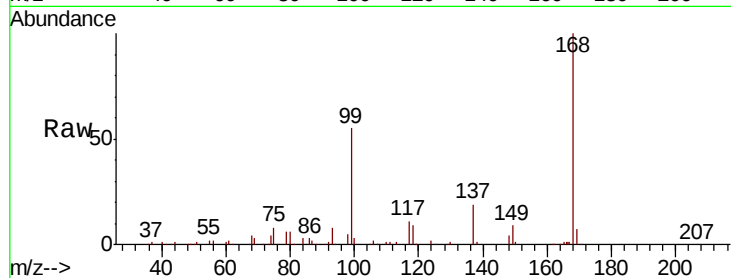
Tot Ion: 75 Resp: 27580

Ion Ratio Lower Upper

75 100

110 9.3 18.4 55.0#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.500 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067149.D

Acq: 07 Oct 2020 13:43

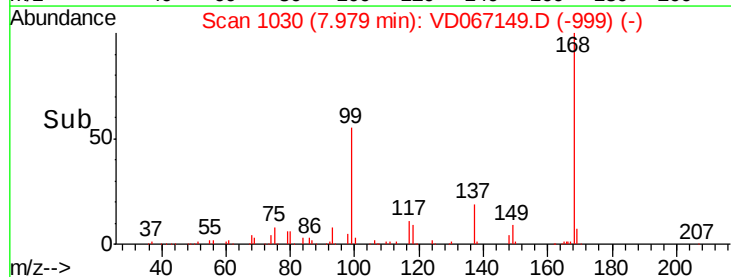
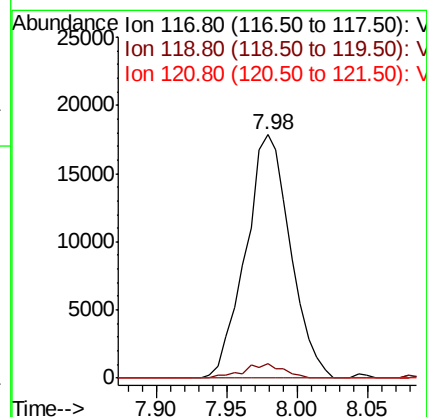
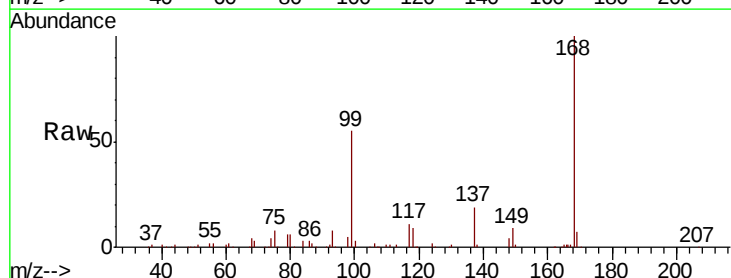
Tgt Ion: 117 Resp: 39536

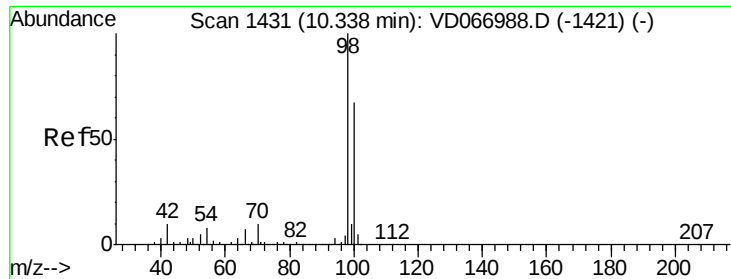
Ion Ratio Lower Upper

117 100

119 6.2 78.7 118.1#

121 0.0 24.2 36.2#

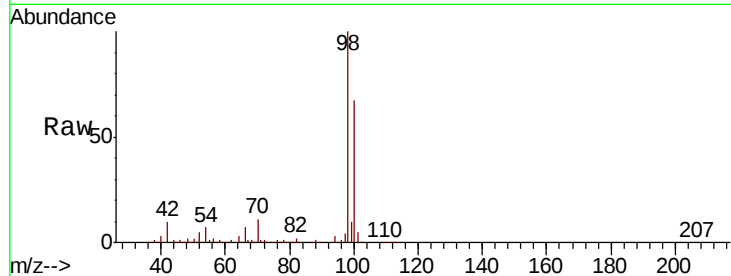




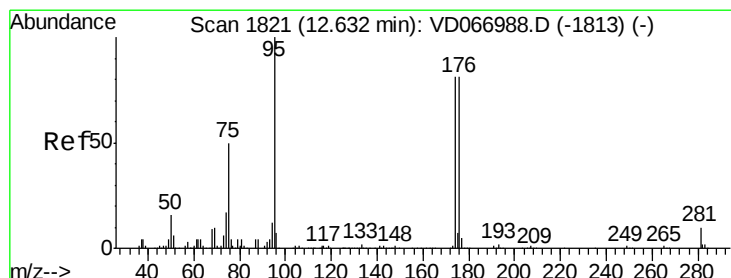
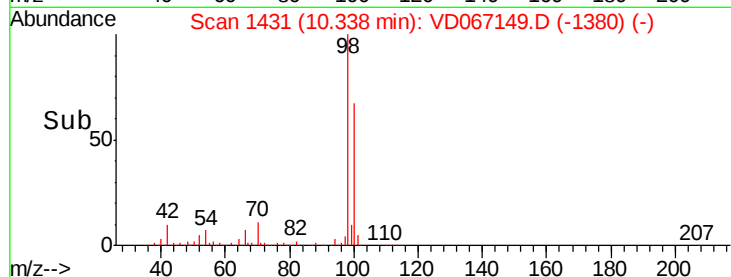
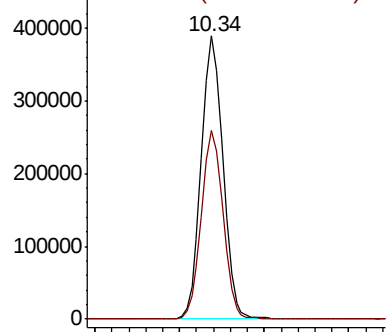
#50
Toluene-d8
Concen: 47.977 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067149.D
Acq: 07 Oct 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
OR-02-100620

Tot Ion: 98 Resp: 690218
Ion Ratio Lower Upper
98 100
100 66.8 52.8 79.2

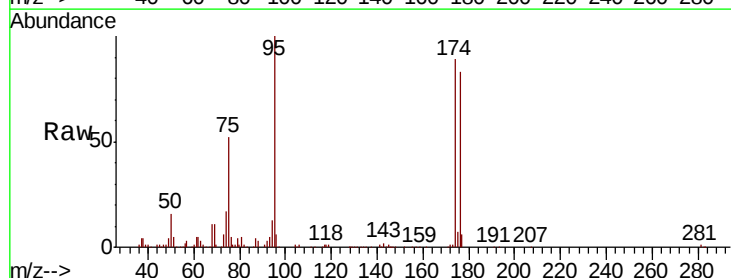


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

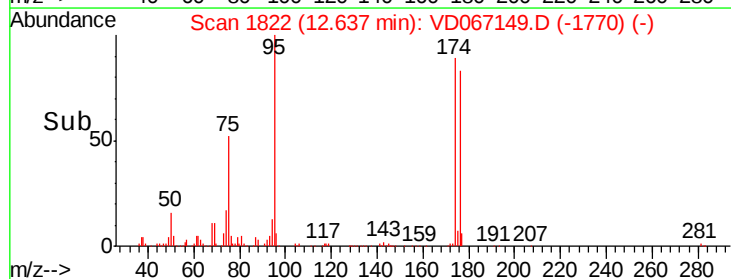
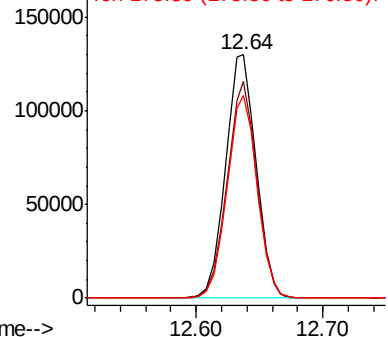


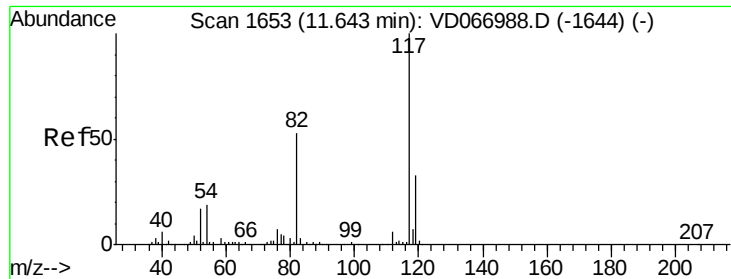
#62
4-Bromofluorobenzene
Concen: 44.616 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067149.D
Acq: 07 Oct 2020 13:43

Tgt Ion: 95 Resp: 217899
Ion Ratio Lower Upper
95 100
174 86.8 0.0 167.6
176 82.0 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VDC
Ion 173.80 (173.50 to 174.50): VDC
Ion 175.80 (175.50 to 176.50): VDC

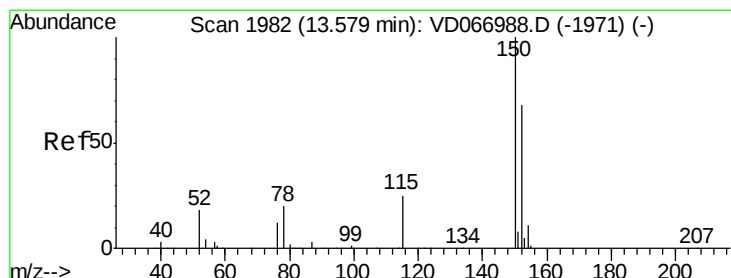
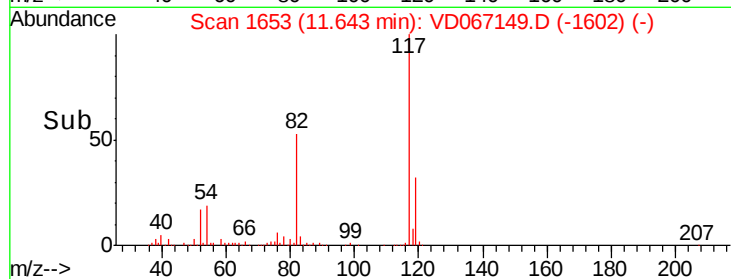
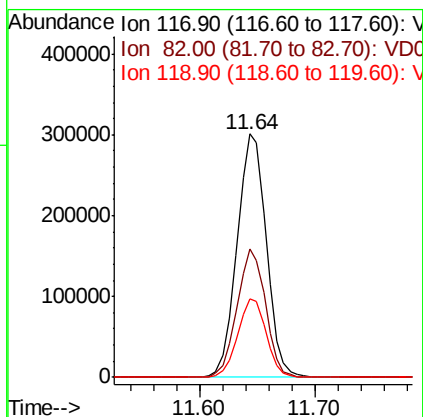
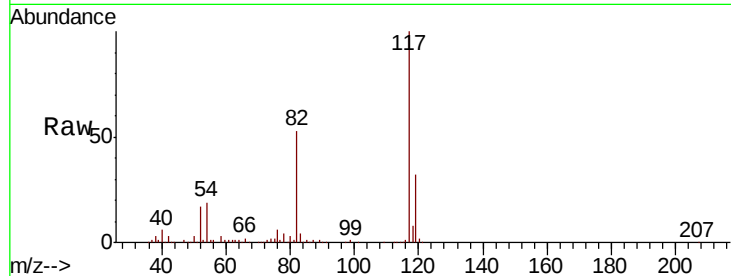




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067149.D
Acq: 07 Oct 2020 13:43

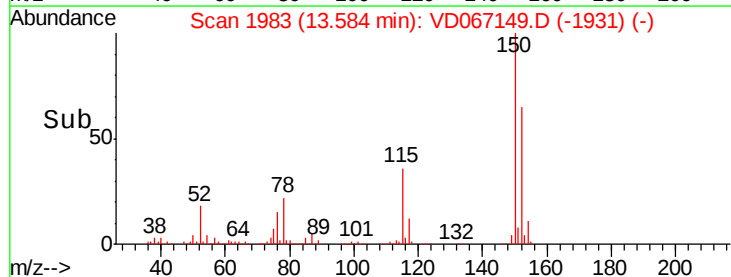
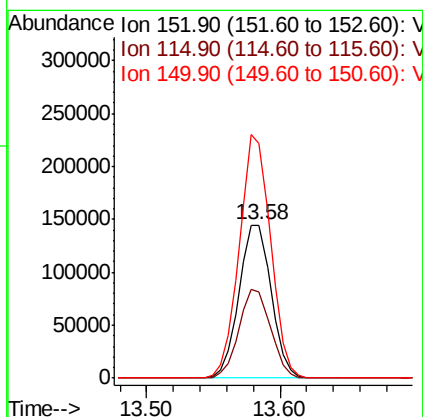
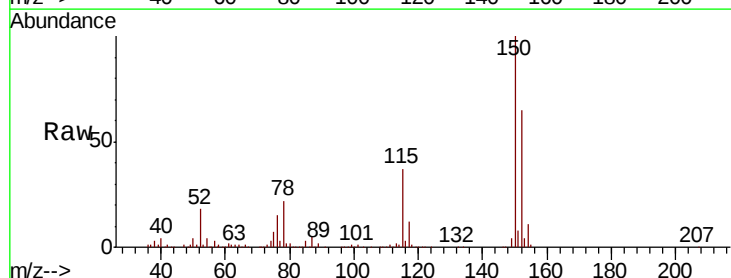
Instrument :
MSVOA_D
ClientSampleId :
OR-02-100620

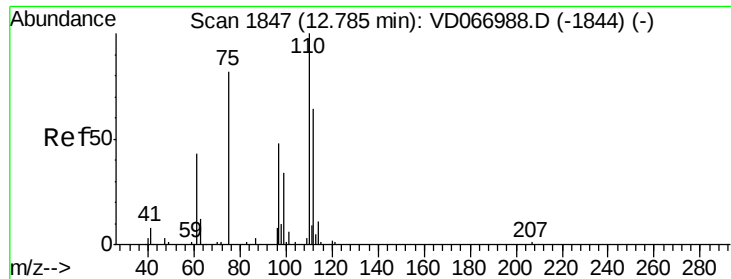
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.6	63.8
119	32.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067149.D
Acq: 07 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.6	88.8
150	153.9	0.0	344.8

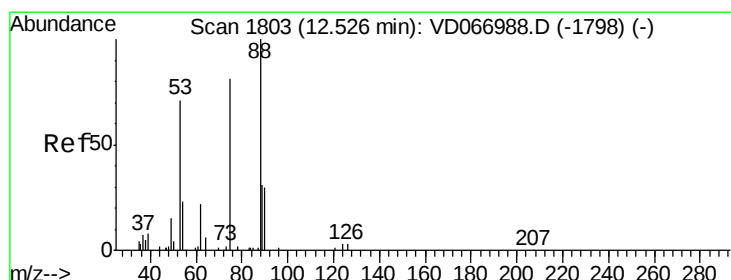
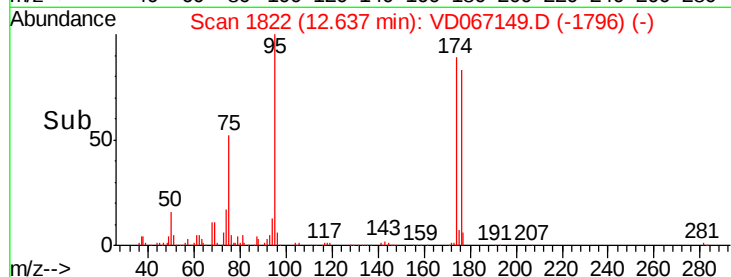
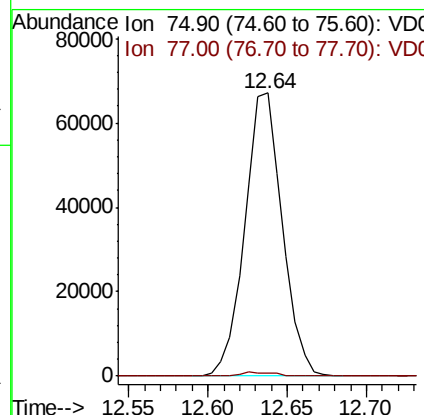
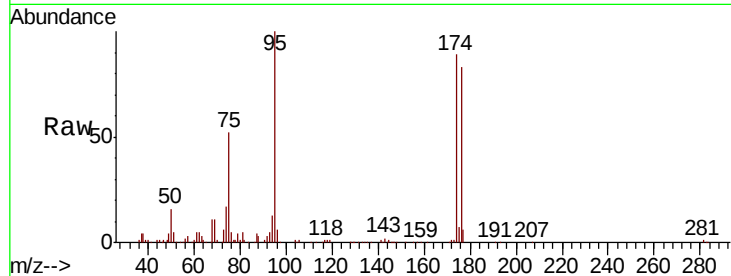




#76
 1,2,3-Trichloropropane
 Concen: 52.202 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067149.D
 Acq: 07 Oct 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-100620

Tot Ion: 75 Resp: 110060
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.146 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067149.D
 Acq: 07 Oct 2020 13:43

Tgt Ion: 75 Resp: 110060
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.0 38.9 58.3#

