

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066385.D
 Acq On : 24 Aug 2020 17:07
 Operator : VA/SY
 Sample : L3780-09
 Misc : 8.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-082120-B

Quant Time: Aug 25 02:42:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	223330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	345049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	329541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	172388	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	119435	54.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.10%	
35) Dibromofluoromethane	7.91	113	110411	51.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.34%	
50) Toluene-d8	10.33	98	412940	52.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.63	95	149552	53.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.78%	

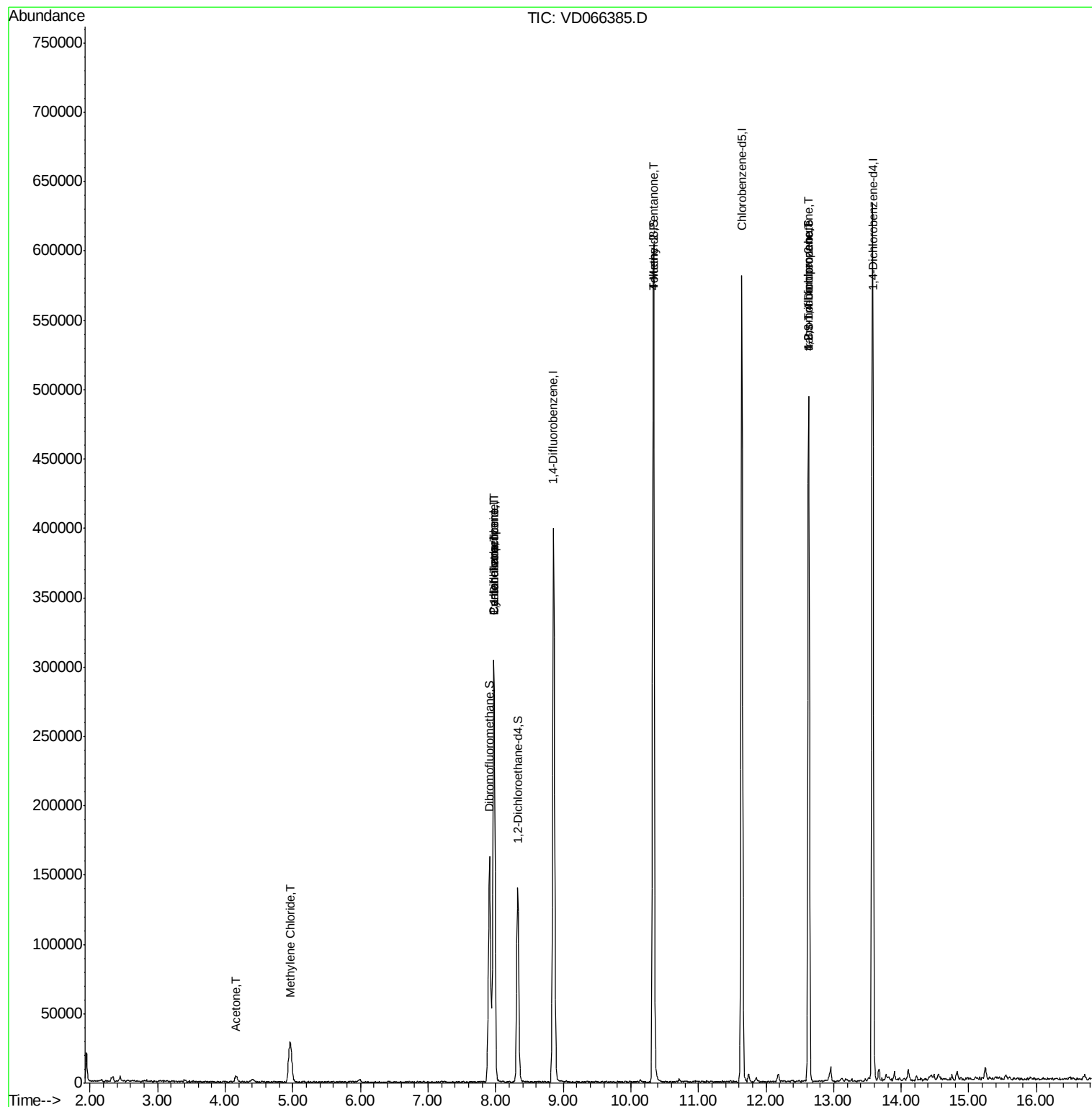
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	119	Below Cal	#	71
16) Acetone	4.16	43	7684	19.466	ug/l	99
20) Methylene Chloride	4.97	84	24550	6.076	ug/l #	95
31) Cyclohexane	7.97	56	4894	1.610	ug/l #	51
36) 1,1-Dichloropropene	7.97	75	16207	5.148	ug/l #	53
38) Carbon Tetrachloride	7.97	117	22674	5.528	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	2341	2.252	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	82420	67.961	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	82420	144.259	ug/l #	6

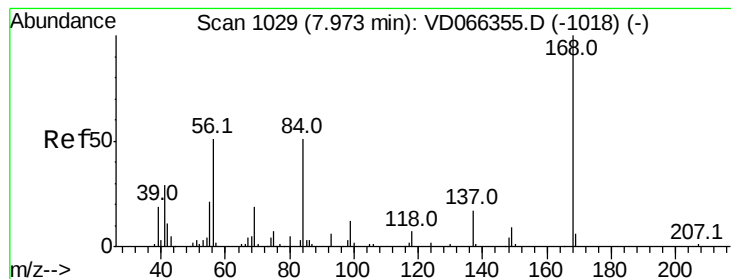
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

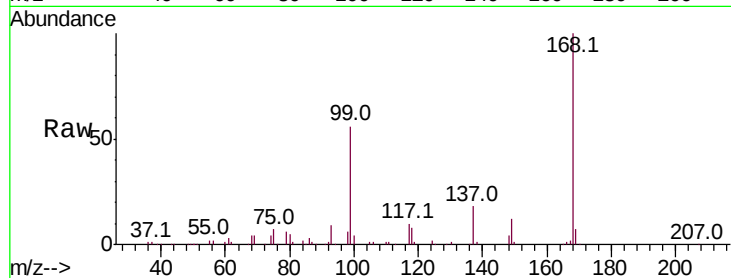
JC-03-082120-B

Tot Ion:168 Resp: 223330

Ion Ratio Lower Upper

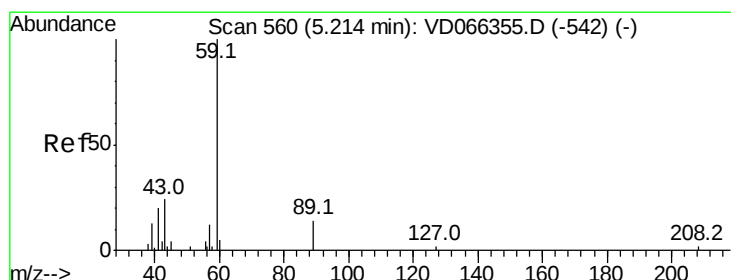
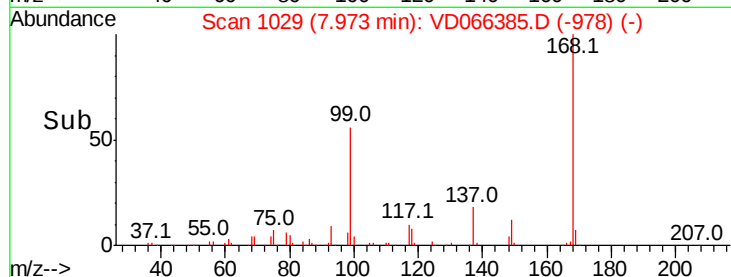
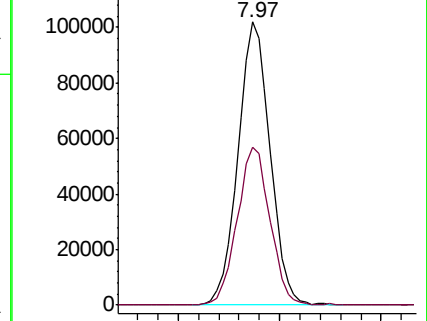
168 100

99 55.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066385.D

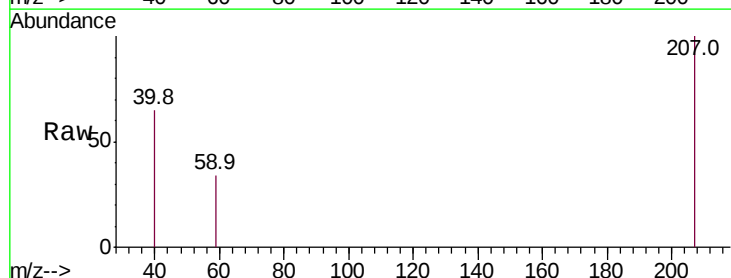
Acq: 24 Aug 2020 17:07

Tgt Ion: 59 Resp: 119

Ion Ratio Lower Upper

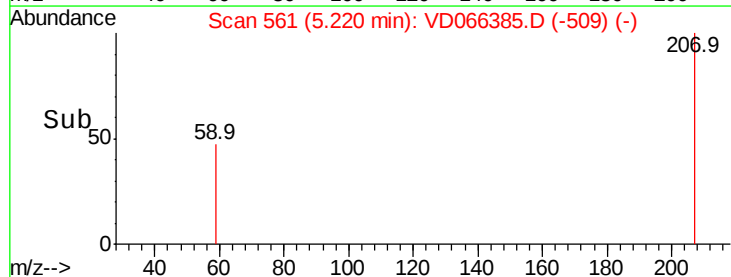
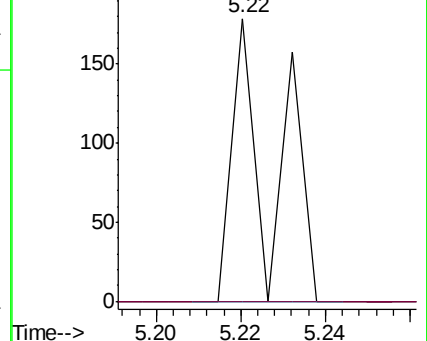
59 100

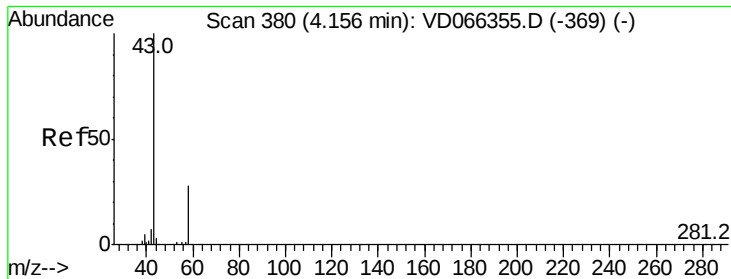
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 19.466 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

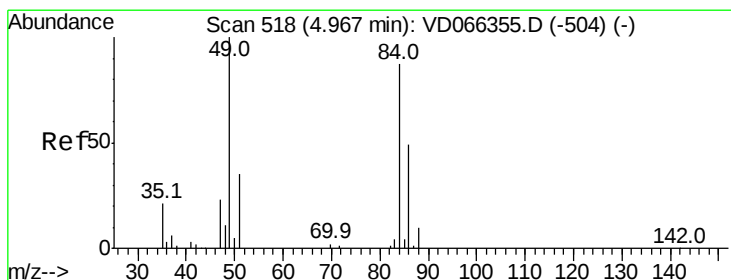
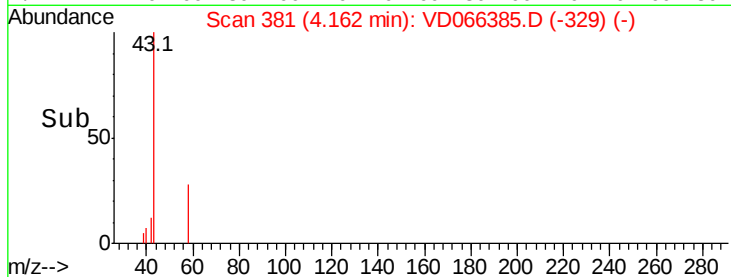
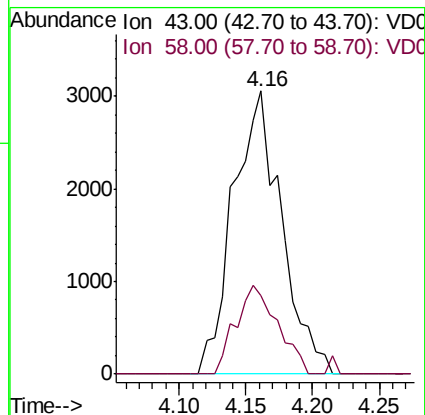
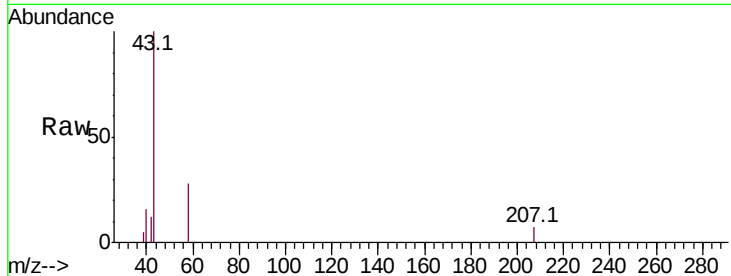
JC-03-082120-B

Tot Ion: 43 Resp: 7684

Ion Ratio Lower Upper

43 100

58 27.8 22.7 34.1



#20

Methylene Chloride

Concen: 6.076 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

Tgt Ion: 84 Resp: 24550

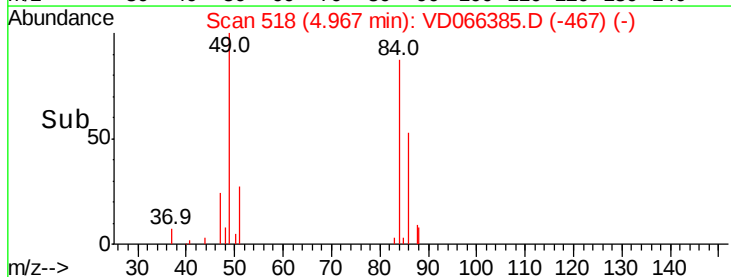
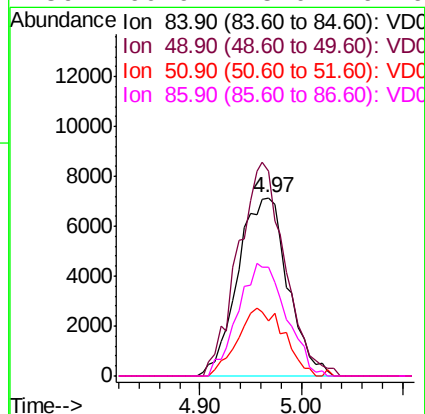
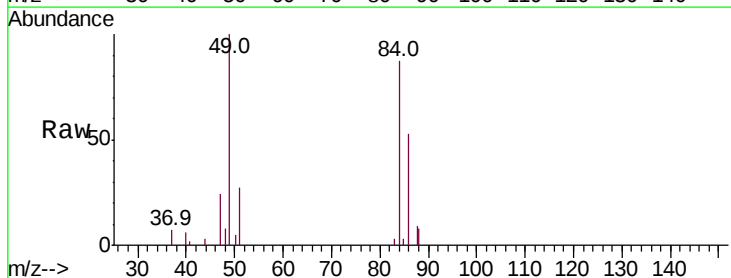
Ion Ratio Lower Upper

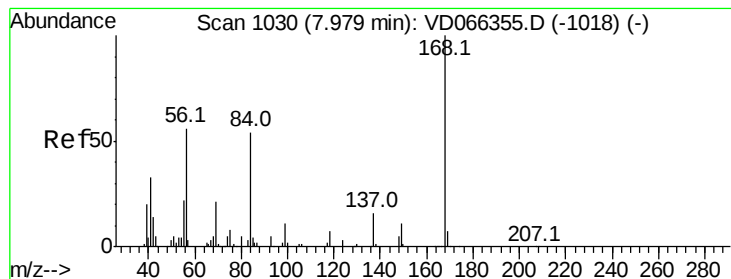
84 100

49 114.8 92.5 138.7

51 31.2 32.5 48.7#

86 60.9 45.0 67.6





#31

Cyclohexane

Concen: 1.610 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-B

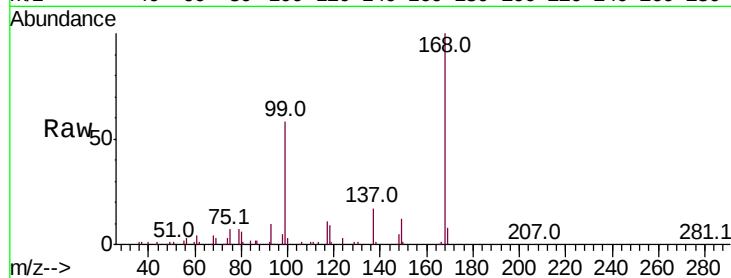
Tot Ion: 56 Resp: 4894

Ion Ratio Lower Upper

56 100

69 125.4 29.6 44.4#

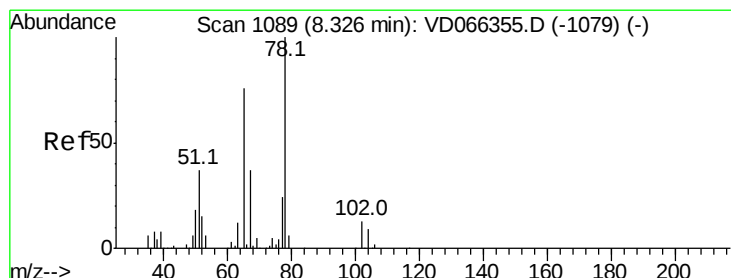
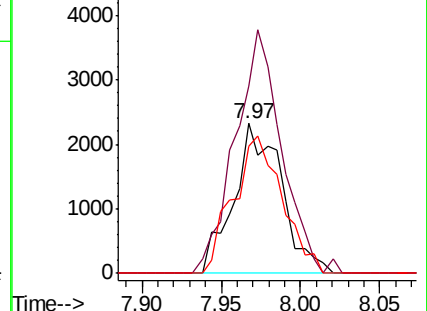
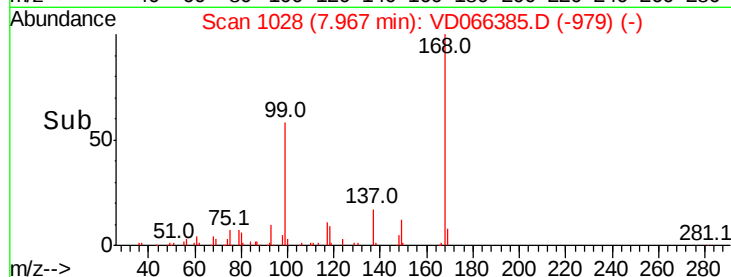
84 84.8 76.6 115.0



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: 54.549 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066385.D

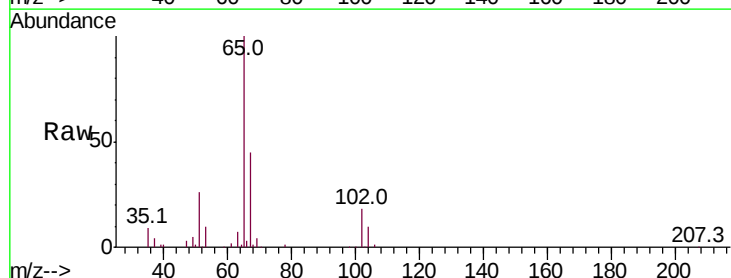
Acq: 24 Aug 2020 17:07

Tgt Ion: 65 Resp: 119435

Ion Ratio Lower Upper

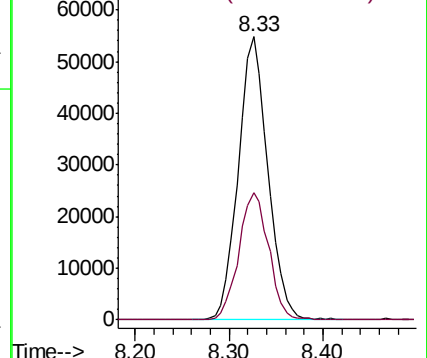
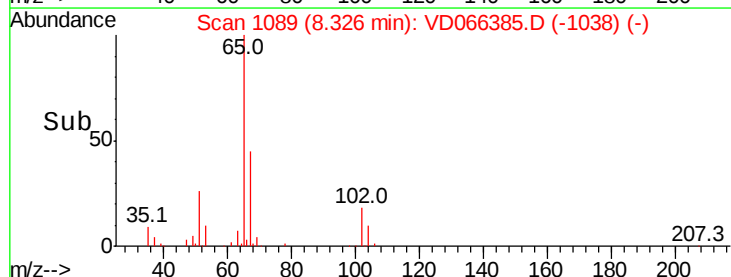
65 100

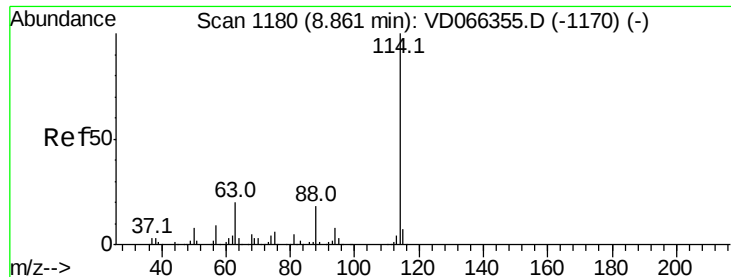
67 45.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

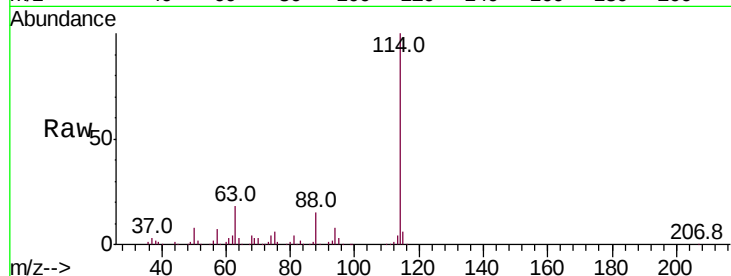




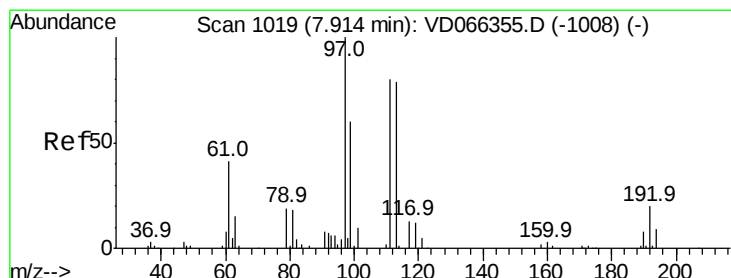
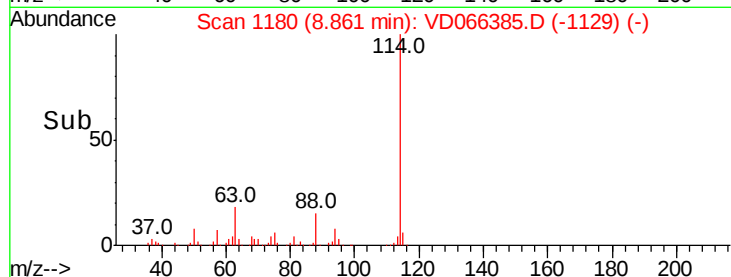
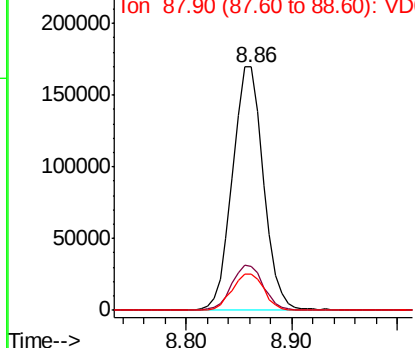
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

Instrument :
MSVOA_D
ClientSampleId :
JC-03-082120-B

Tot Ion:114 Resp: 345049
Ion Ratio Lower Upper
114 100
63 18.1 0.0 40.8
88 15.1 0.0 35.4

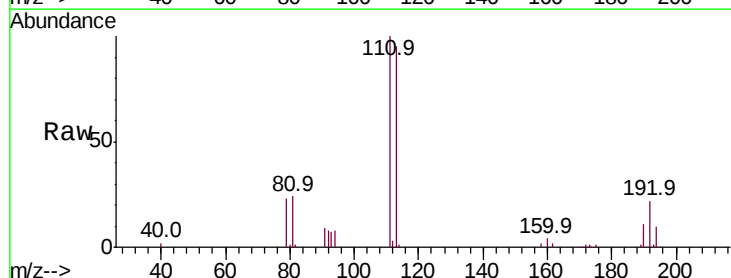


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

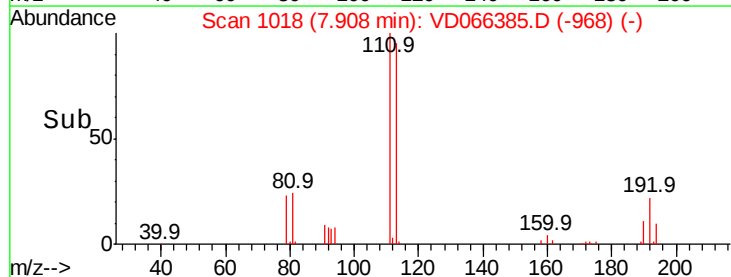
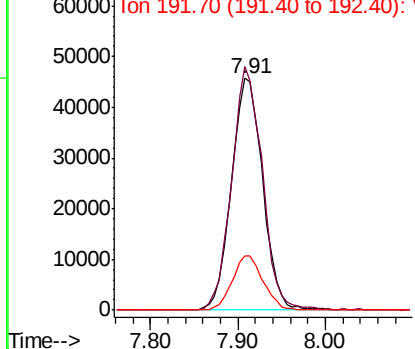


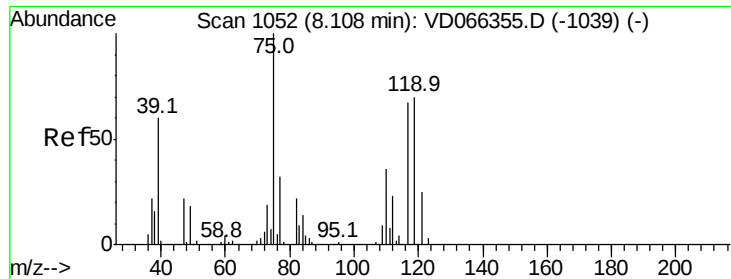
#35
Dibromofluoromethane
Concen: 51.172 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

Tgt Ion:113 Resp: 110411
Ion Ratio Lower Upper
113 100
111 102.8 80.3 120.5
192 22.9 19.0 28.6



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: 5.148 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-B

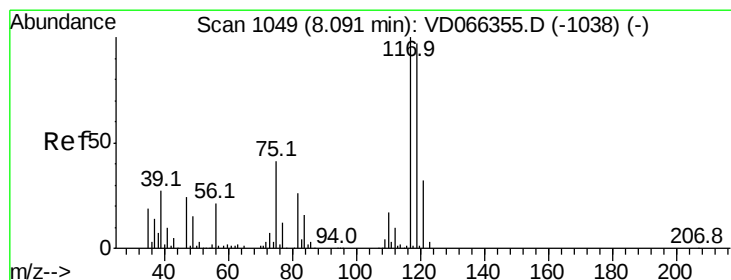
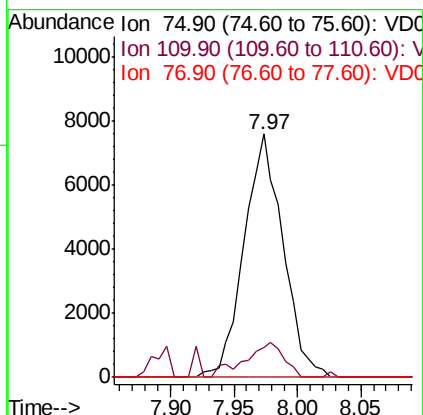
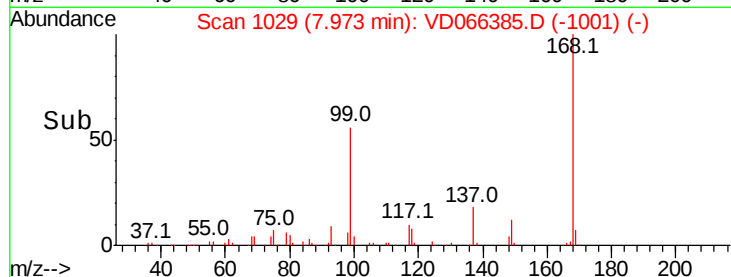
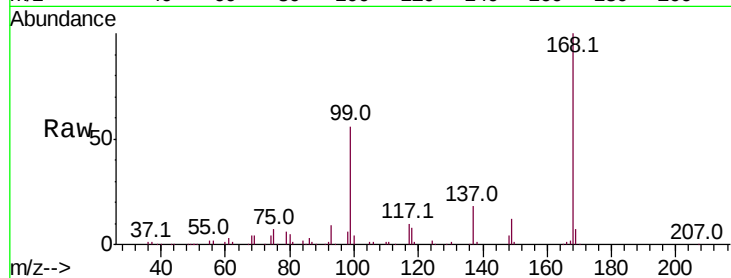
Tot Ion: 75 Resp: 16207

Ion Ratio Lower Upper

75 100

110 14.4 18.7 56.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.528 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

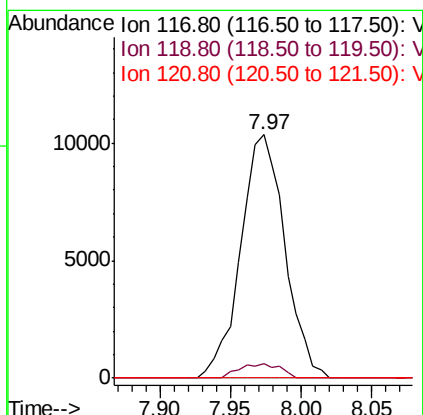
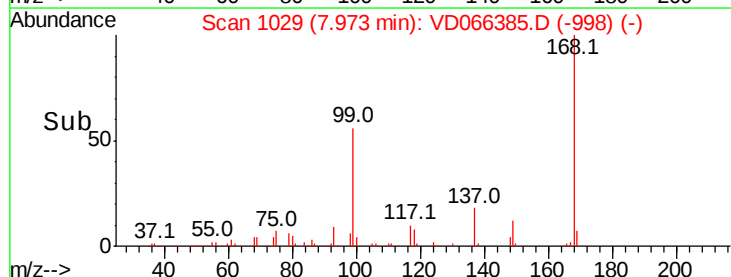
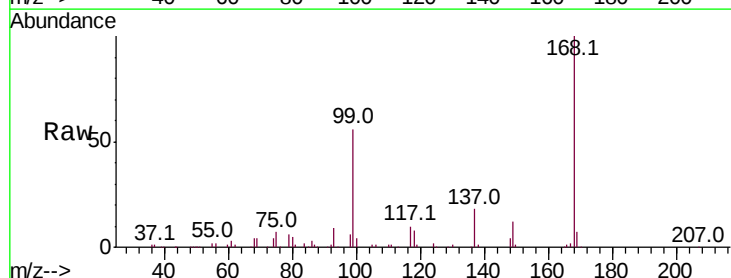
Tgt Ion: 117 Resp: 22674

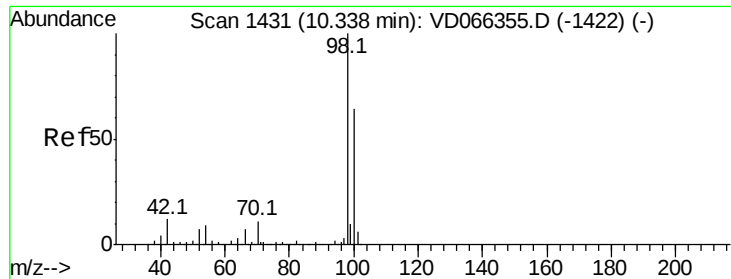
Ion Ratio Lower Upper

117 100

119 5.8 77.2 115.8#

121 0.0 25.8 38.8#

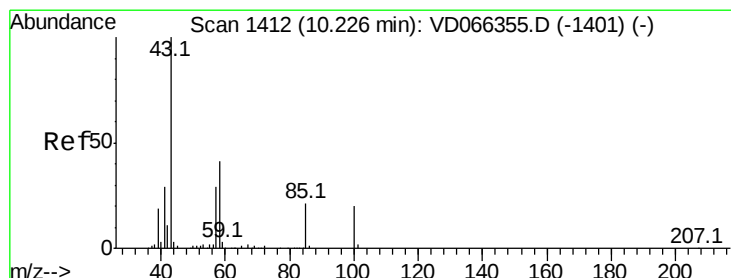
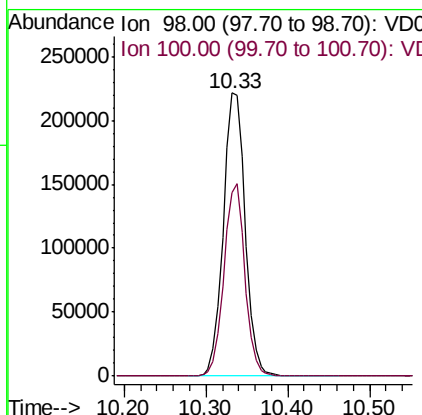
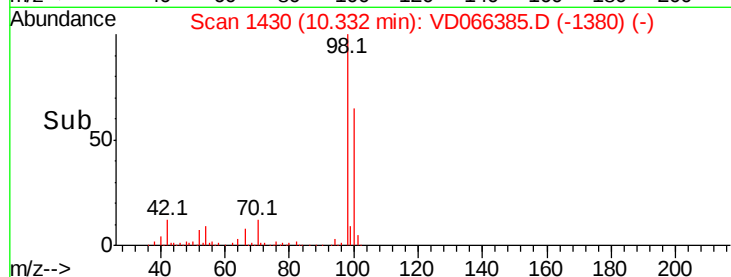
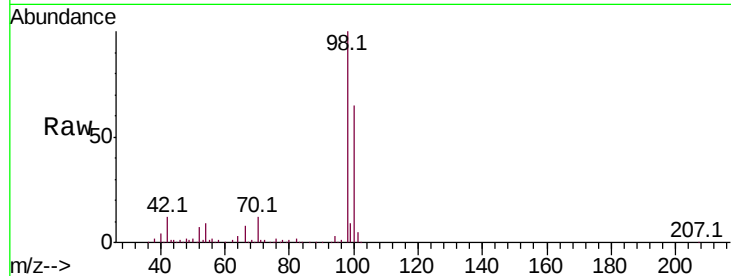




#50
Toluene-d8
Concen: 52.308 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

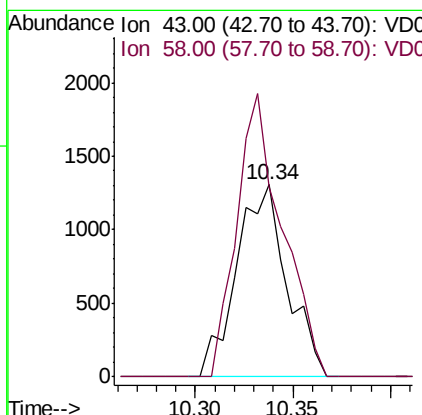
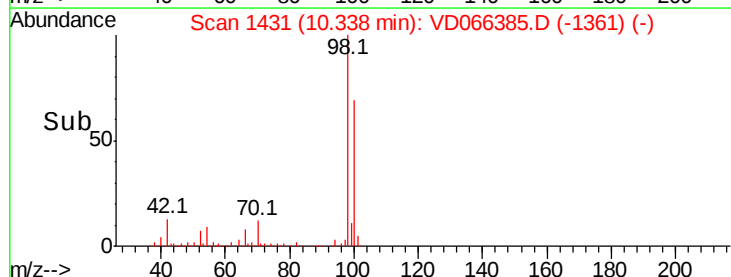
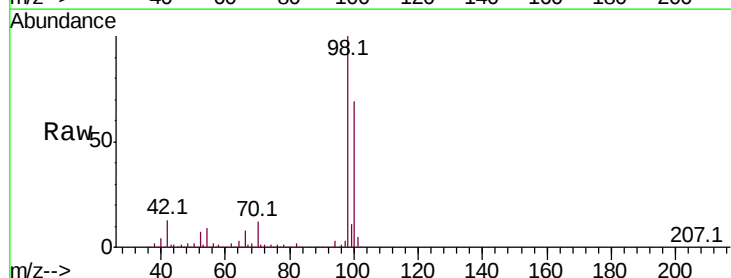
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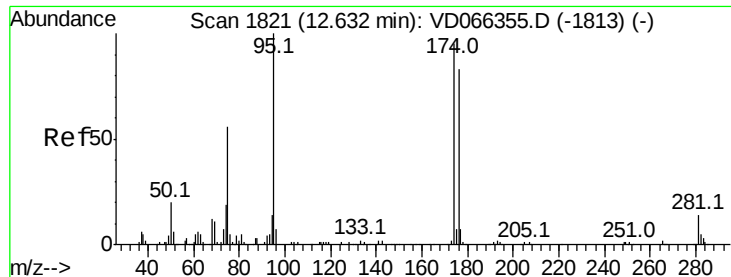
Tot Ion: 98 Resp: 412940
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 2.252 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
58 133.2 31.4 47.2#

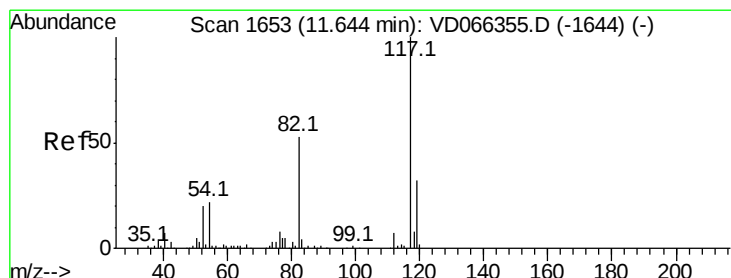
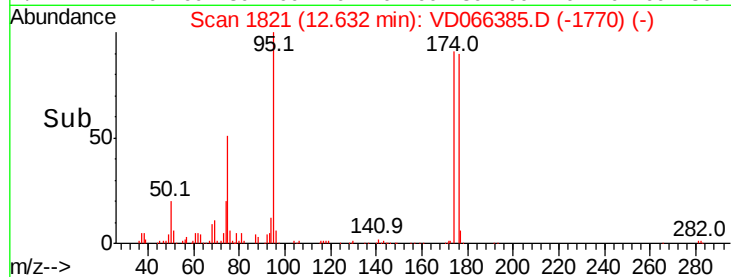
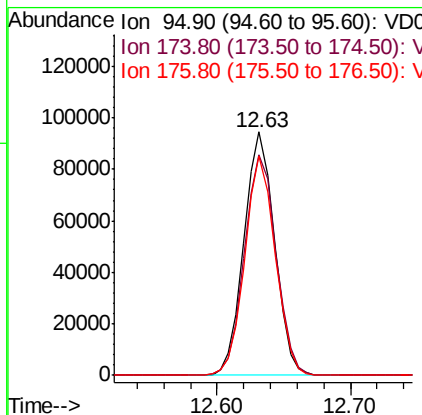
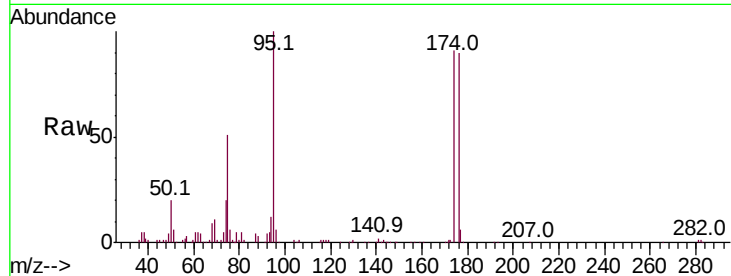




#62
4-Bromofluorobenzene
Concen: 53.387 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

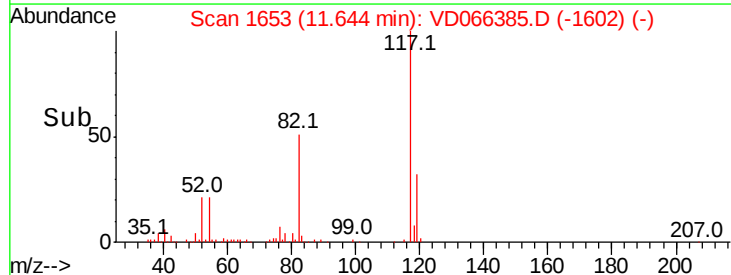
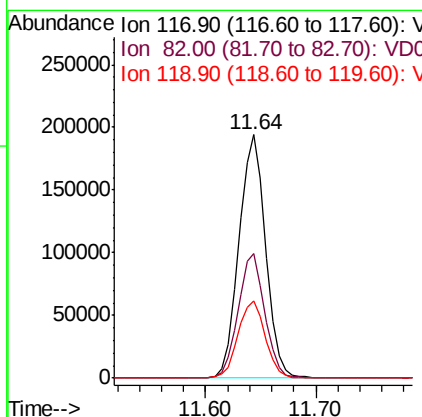
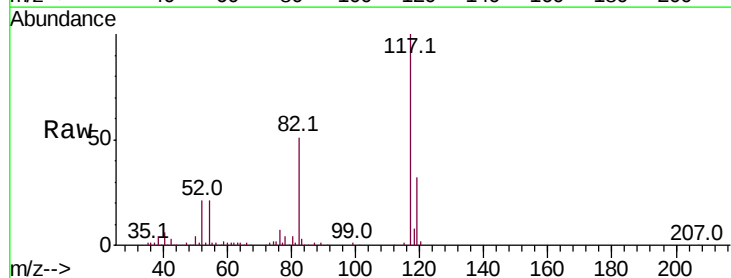
Instrument :
MSVOA_D
ClientSampleId :
JC-03-082120-B

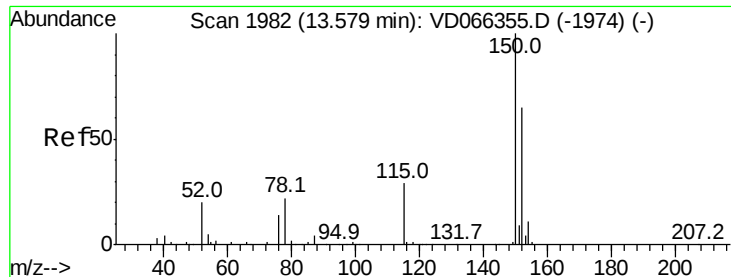
Tot Ion: 95 Resp: 149552
Ion Ratio Lower Upper
95 100
174 93.7 0.0 183.4
176 89.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

Tgt Ion: 117 Resp: 329541
Ion Ratio Lower Upper
117 100
82 51.2 42.8 64.2
119 31.6 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: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-B

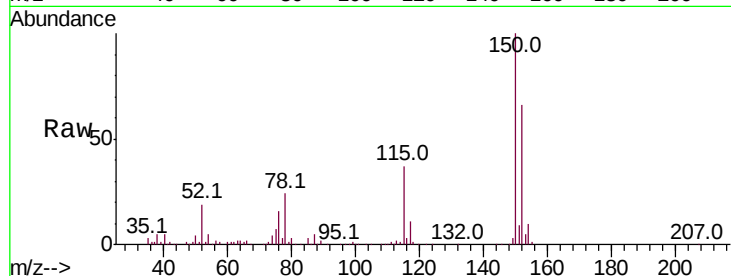
Tot Ion:152 Resp: 172388

Ion Ratio Lower Upper

152 100

115 58.1 28.3 85.0

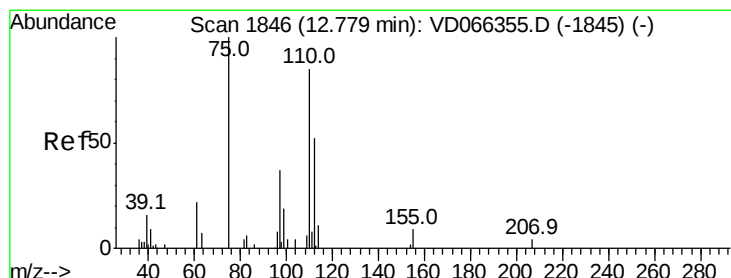
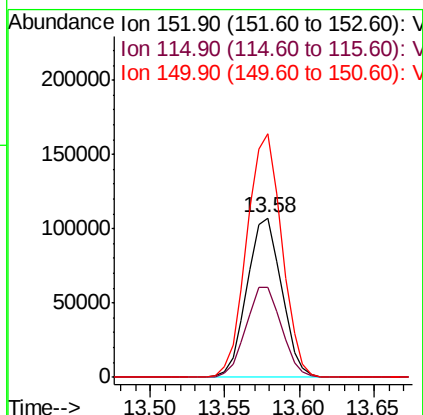
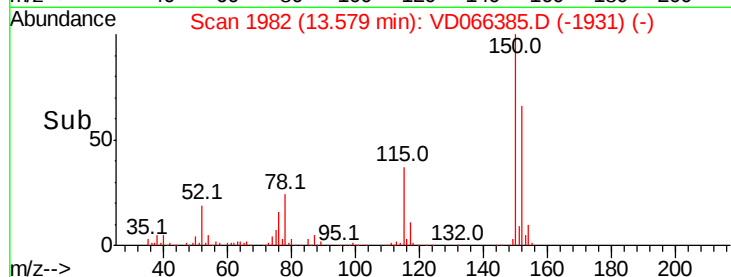
150 154.2 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 67.961 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066385.D

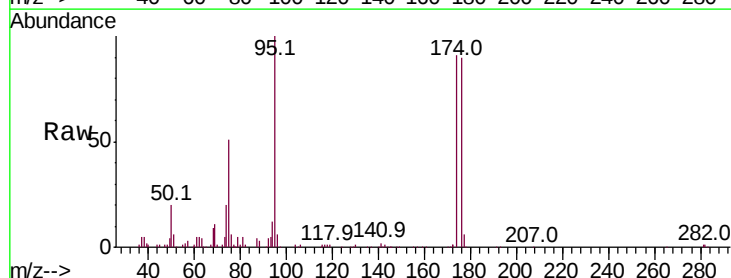
Acq: 24 Aug 2020 17:07

Tgt Ion: 75 Resp: 82420

Ion Ratio Lower Upper

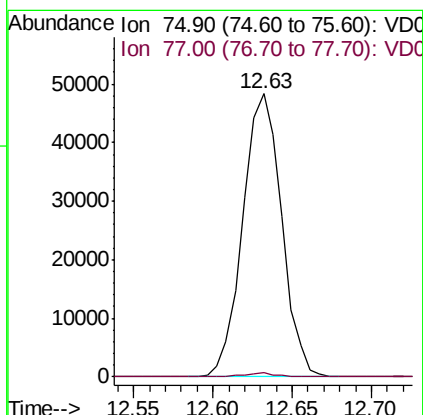
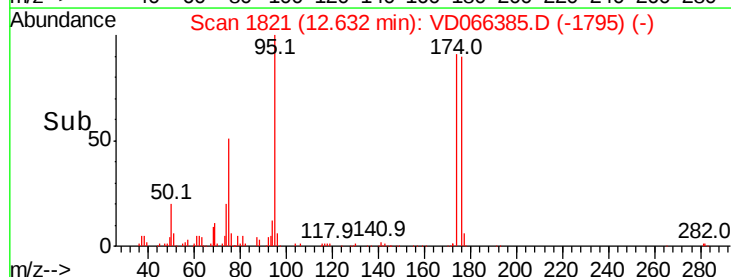
75 100

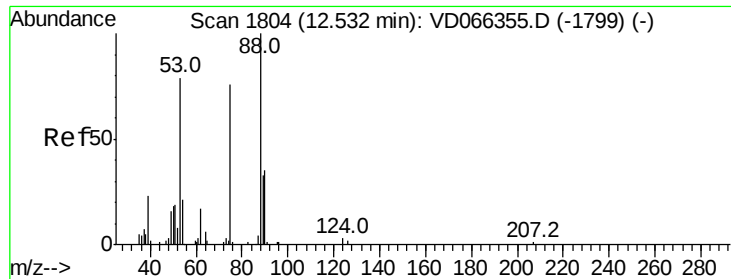
77 1.2 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 144.259 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-B

Tot Ion: 75 Resp: 82420

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#

