

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063775.D
 Acq On : 23 Aug 2019 19:16
 Operator : JC/SY
 Sample : K4462-03RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 26 11:14:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	938186	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1300913	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	970906	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	468409	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	529568	52.81	ug/l	-0.02
Spiked Amount						
			Recovery	=	105.62%	
35) Dibromofluoromethane	6.92	113	673193	61.44	ug/l	-0.01
Spiked Amount						
			Recovery	=	122.88%	
50) Toluene-d8	10.41	98	1483942	61.60	ug/l	-0.01
Spiked Amount						
			Recovery	=	123.20%	
62) 4-Bromofluorobenzene	13.55	95	520213	47.65	ug/l	-0.01
Spiked Amount						
			Recovery	=	95.30%	

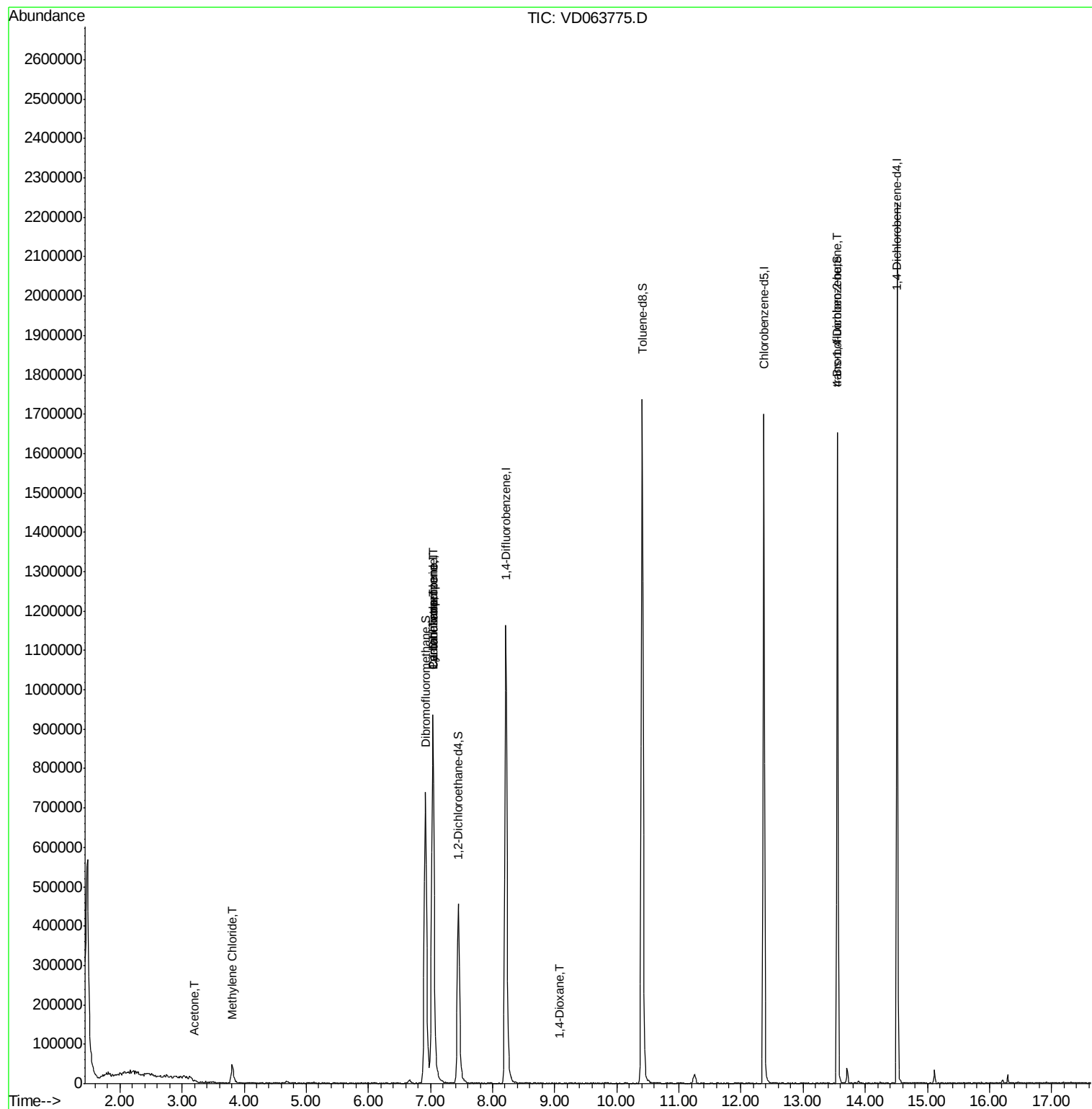
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.21	43	5292	2.596	ug/l #	65
20) Methylene Chloride	3.80	84	27828	3.157	ug/l	96
31) Cyclohexane	7.04	56	20143	2.225	ug/l #	8
36) 1,1-Dichloropropene	7.04	75	70152	6.100	ug/l #	48
38) Carbon Tetrachloride	7.04	117	85415	4.928	ug/l #	18
49) 1,4-Dioxane	9.07	88	303	32.300	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.55	75	228877	158.407	ug/l #	1

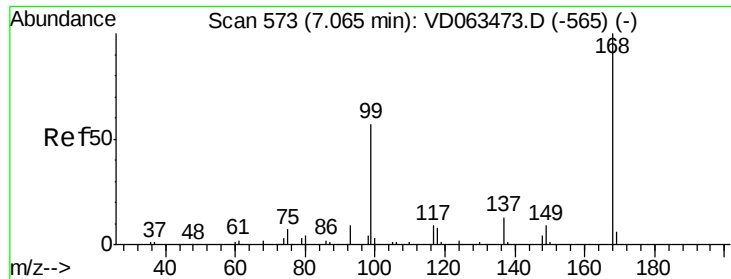
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Aug 26 11:14:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

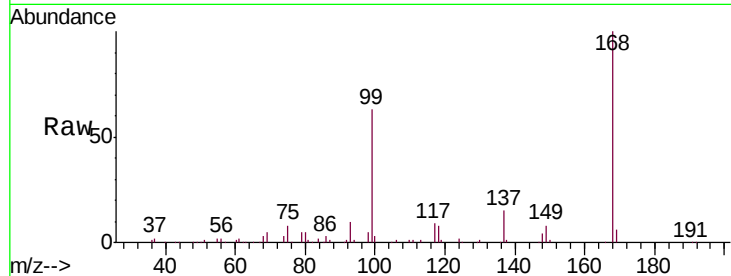
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 938186

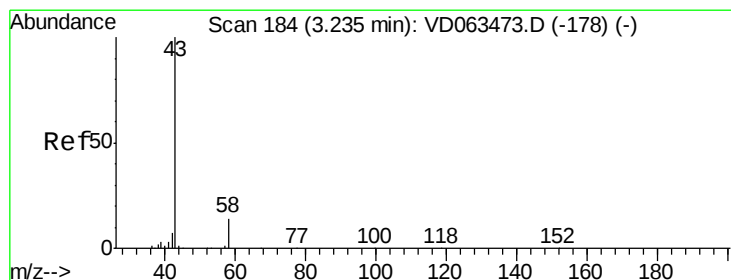
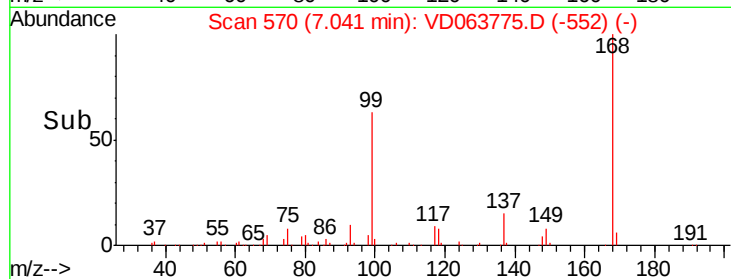
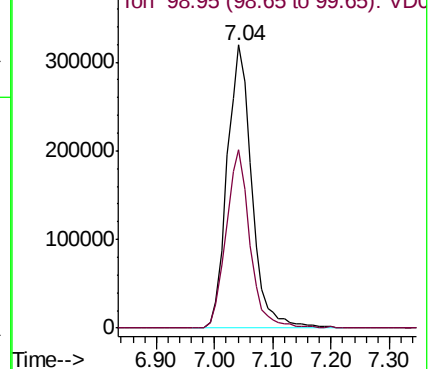
Ion Ratio Lower Upper

168 100

99 63.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 2.596 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063775.D

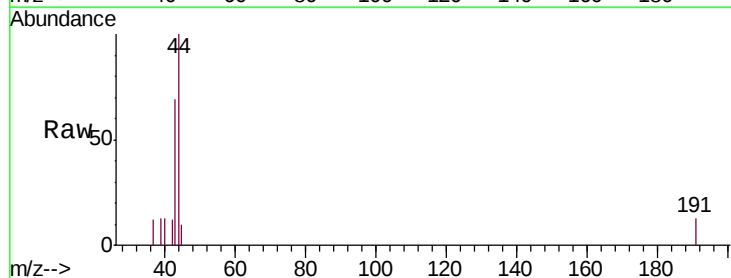
Acq: 23 Aug 2019 19:16

Tgt Ion: 43 Resp: 5292

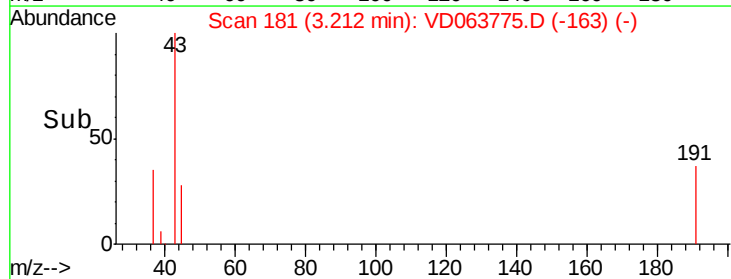
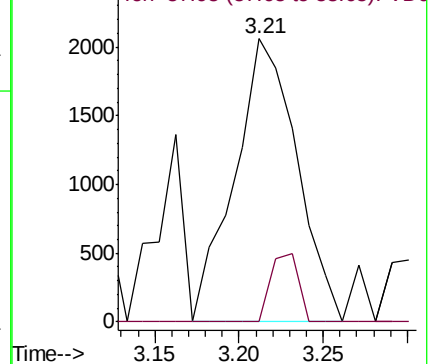
Ion Ratio Lower Upper

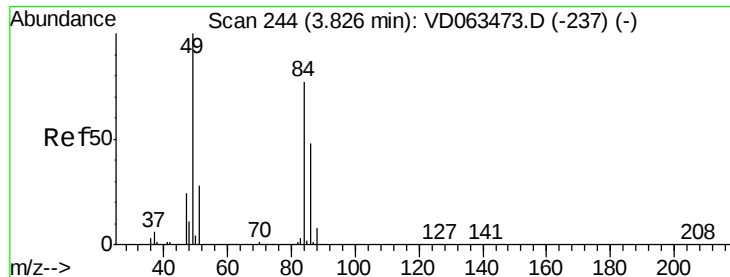
43 100

58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): V

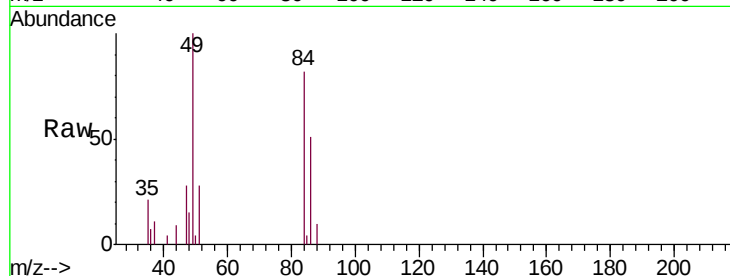




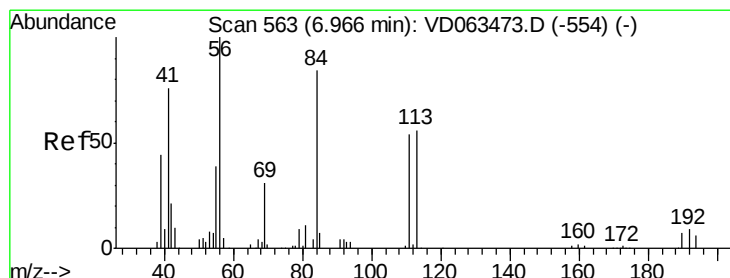
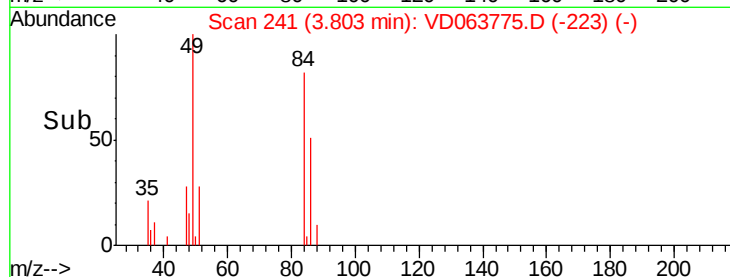
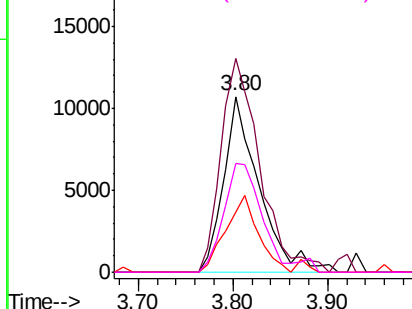
#20
Methvlene Chloride
Concen: 3.157 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 27828
Ion Ratio Lower Upper
84 100
49 121.7 103.4 155.2
51 34.0 28.5 42.7
86 62.2 49.4 74.2

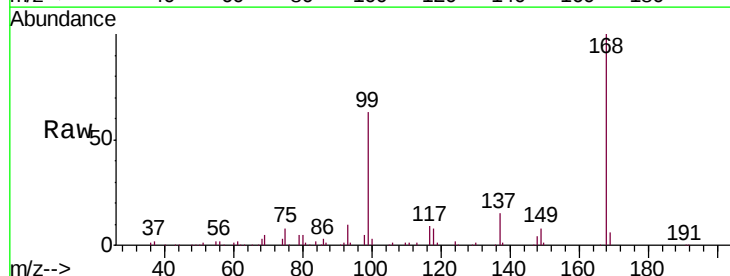


Abundance Ion 83.95 (83.65 to 84.65): VDC
20000 Ion 48.90 (48.60 to 49.60): VDC
15000 Ion 50.90 (50.60 to 51.60): VDC
10000 Ion 85.90 (85.60 to 86.60): VDC
5000
0

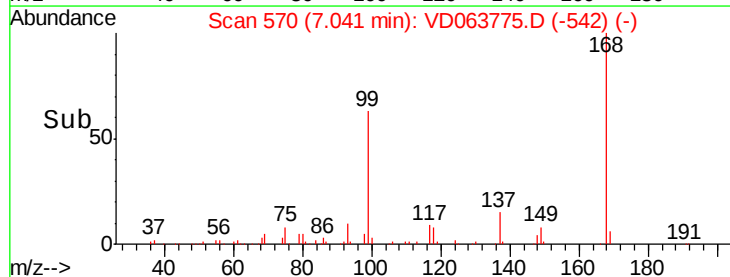
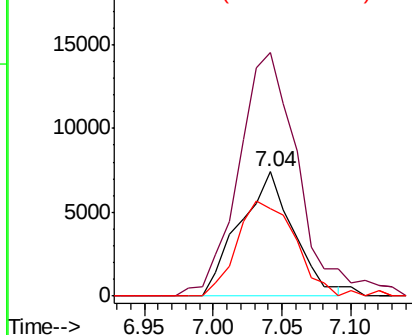


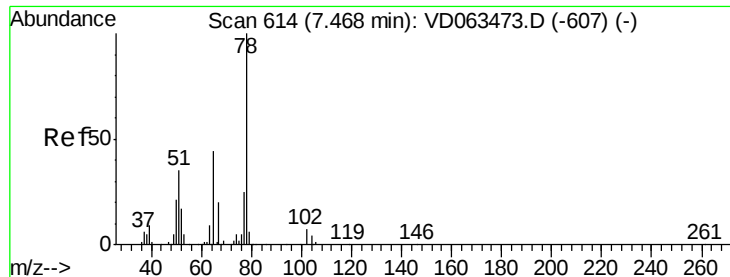
#31
Cyclohexane
Concen: 2.225 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

Tgt Ion: 56 Resp: 20143
Ion Ratio Lower Upper
56 100
69 195.7 25.0 37.6#
84 70.4 69.7 104.5



Abundance Ion 55.95 (55.65 to 56.65): VDC
20000 Ion 69.00 (68.70 to 69.70): VDC
15000 Ion 84.05 (83.75 to 84.75): VDC
10000
5000
0





#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

Instrument :

MSVOA_D

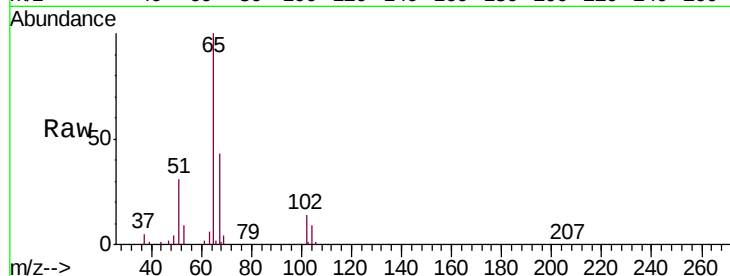
ClientSampleId :

Tot Ion: 65 Resp: 529568

Ion Ratio Lower Upper

65 100

67 42.8 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

150000

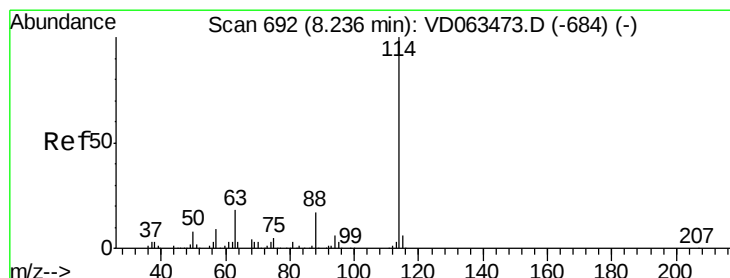
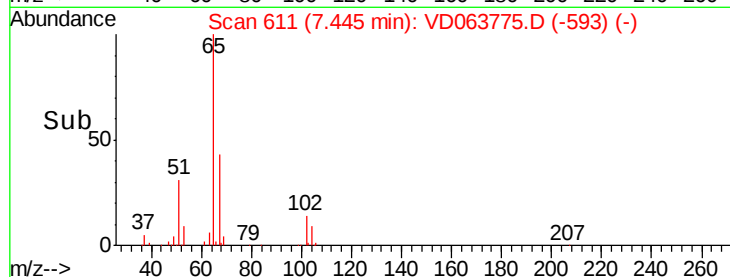
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

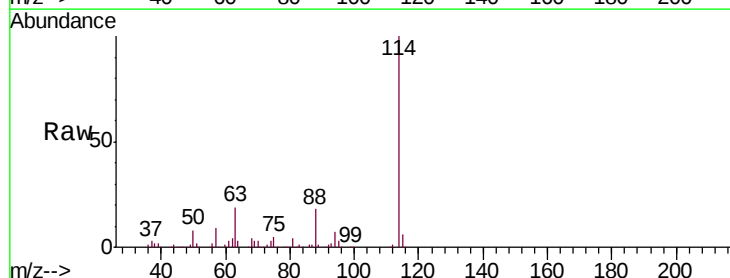
Tgt Ion: 114 Resp: 1300913

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.2

88 17.8 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

600000

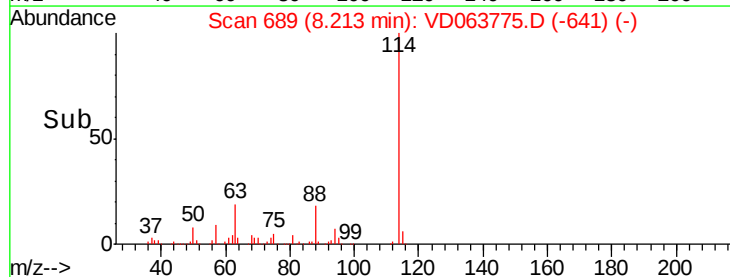
400000

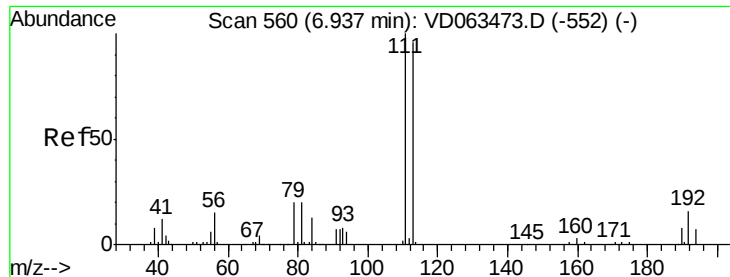
200000

0

Time-->

8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 61.443 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

Instrument :

MSVOA_D

ClientSampleId :

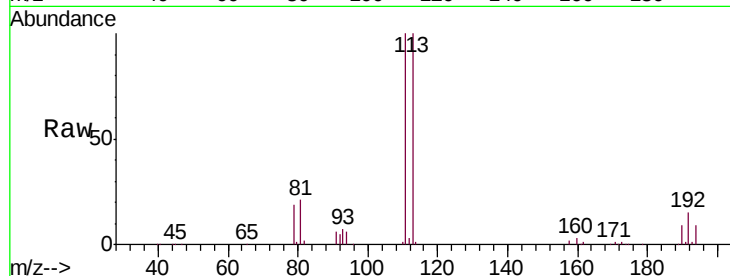
Tot Ion:113 Resp: 673193

Ion Ratio Lower Upper

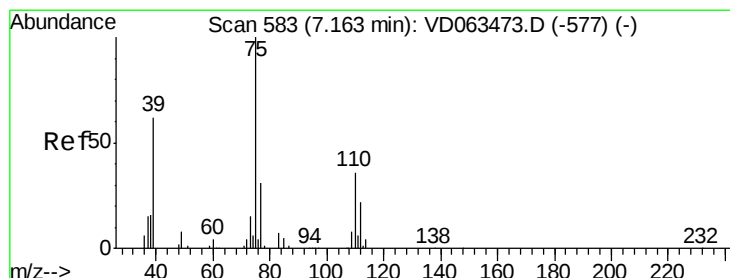
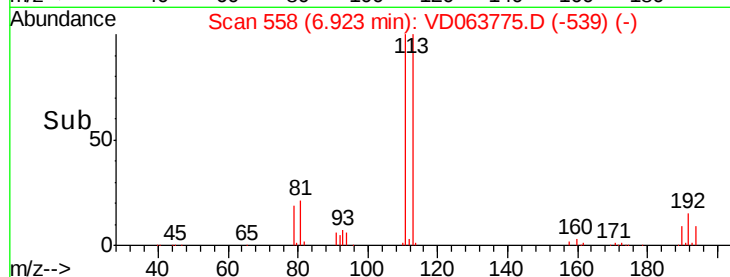
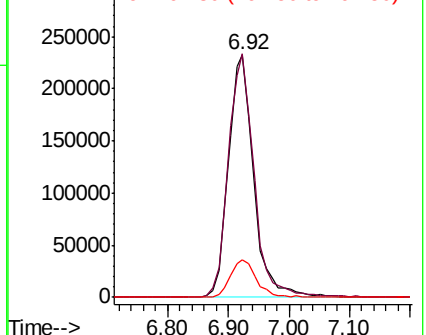
113 100

111 100.4 83.1 124.7

192 15.4 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 6.100 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.12 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

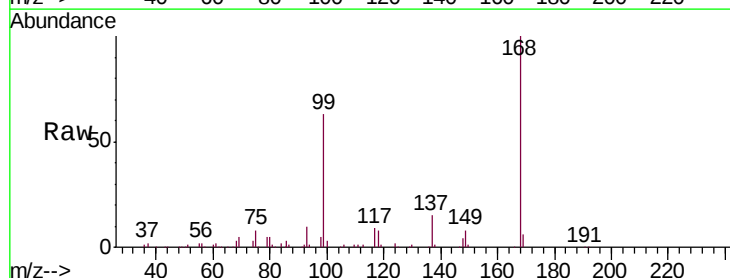
Tgt Ion: 75 Resp: 70152

Ion Ratio Lower Upper

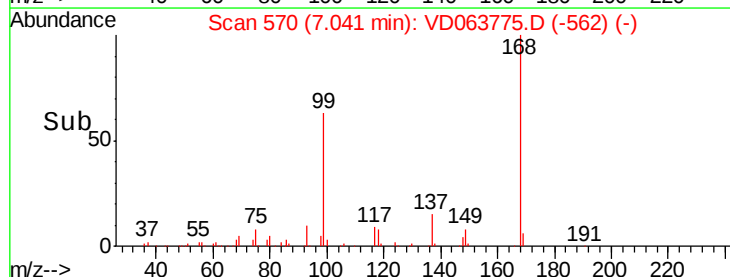
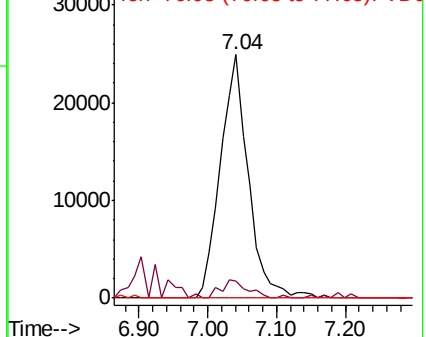
75 100

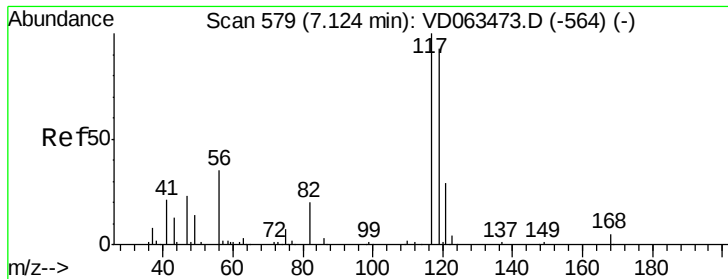
110 7.0 17.6 52.8#

77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V



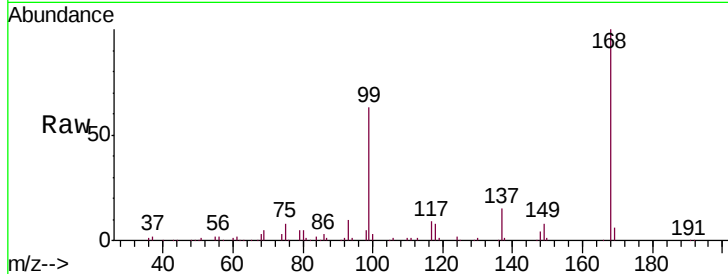


#38

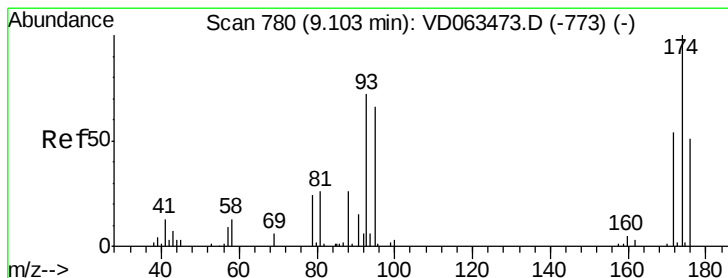
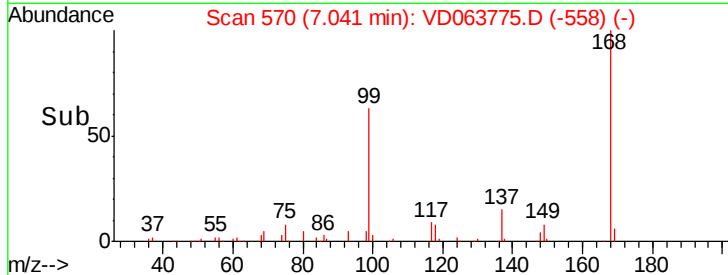
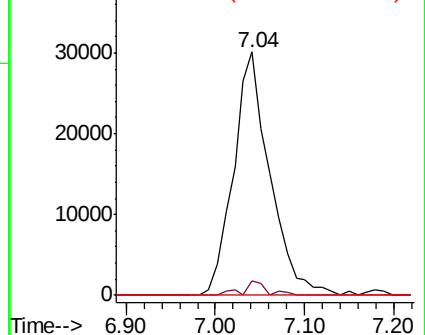
Carbon Tetrachloride
Concen: 4.928 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 85415
Ion Ratio Lower Upper
117 100
119 6.2 74.2 111.2#
121 0.0 23.1 34.7#



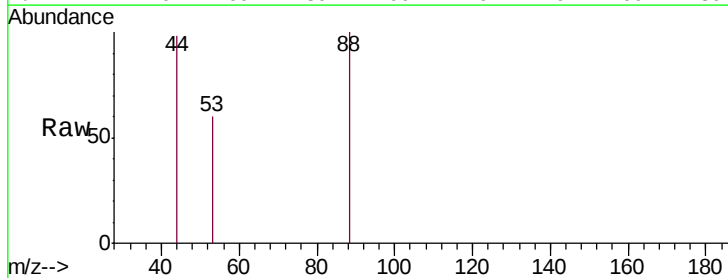
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



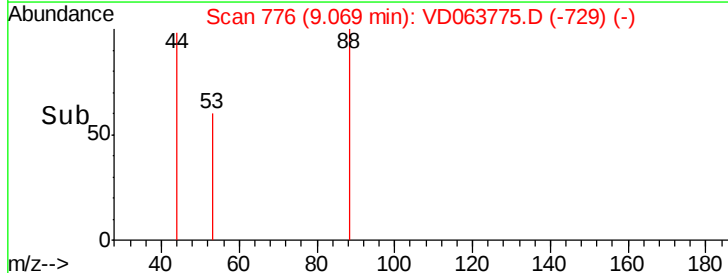
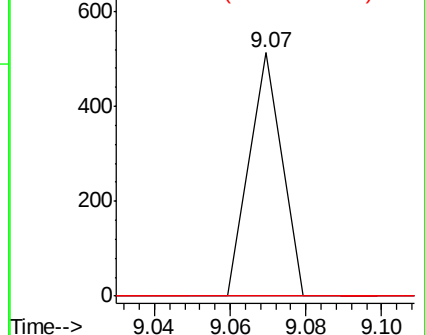
#49

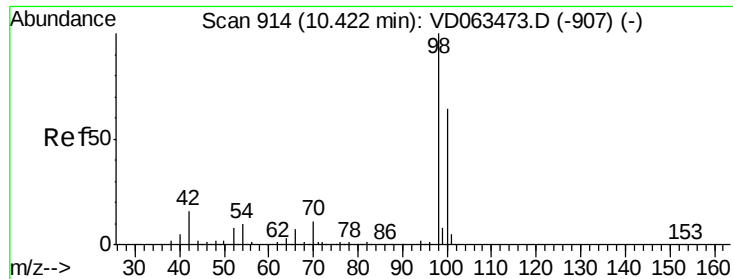
1,4-Dioxane
Concen: 32.300 ug/l
RT: 9.07 min Scan# 776
Delta R.T. -0.03 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

Tgt Ion: 88 Resp: 303
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 0.0 40.1 60.1#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

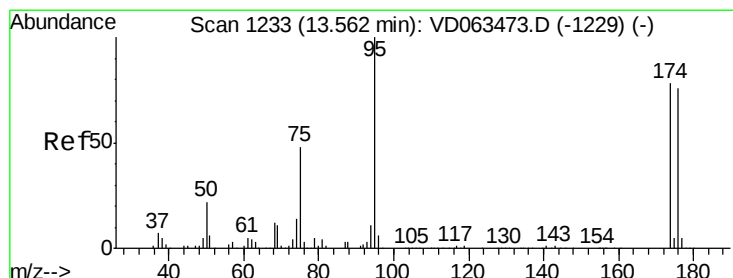
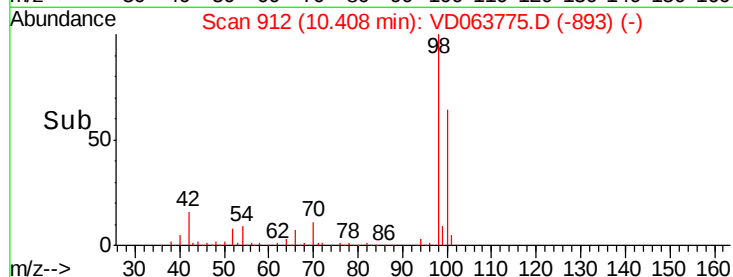
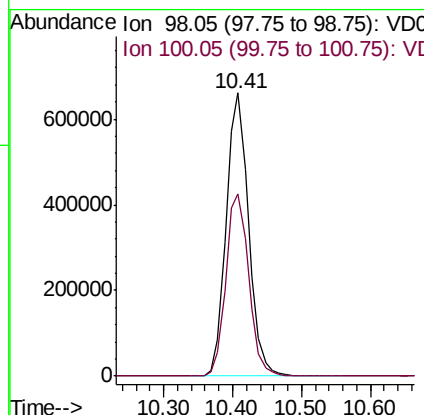
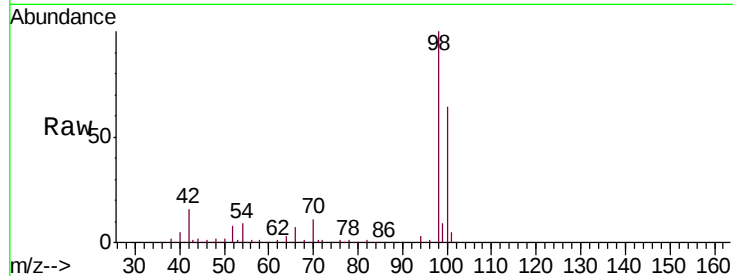




#50
Toluene-d8
Concen: 61.605 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

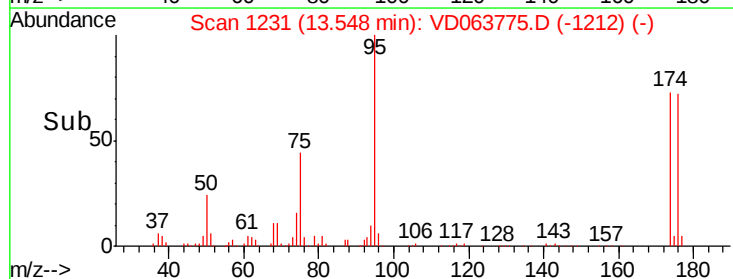
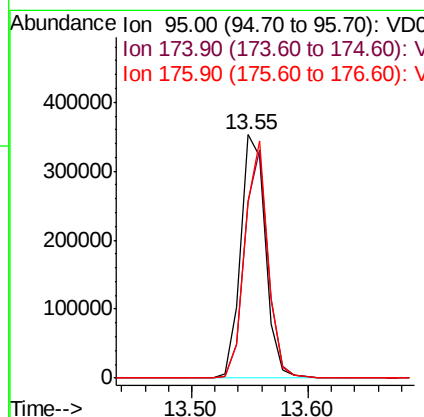
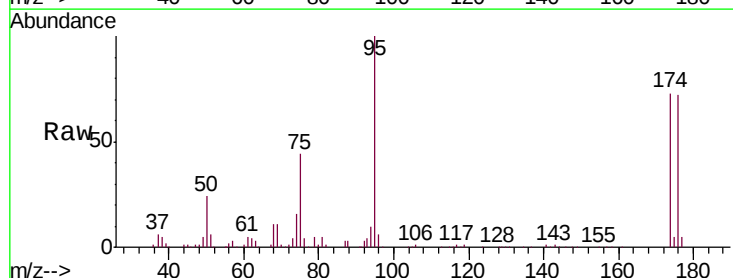
Instrument :
MSVOA_D
ClientSampleId :

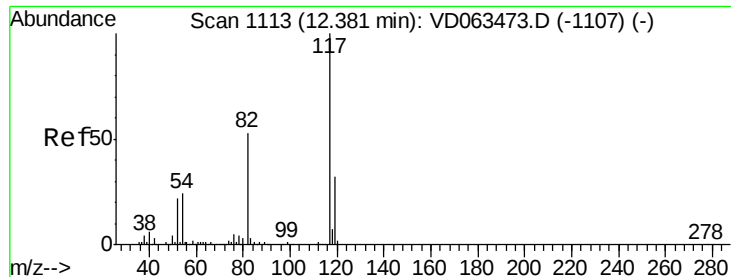
Tot Ion: 98 Resp: 1483942
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.648 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

Tgt Ion: 95 Resp: 520213
Ion Ratio Lower Upper
95 100
174 72.8 0.0 155.4
176 72.0 0.0 152.4

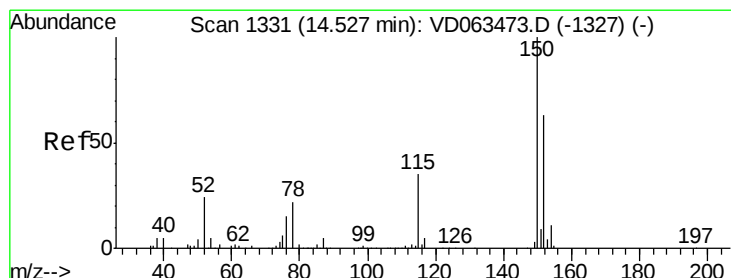
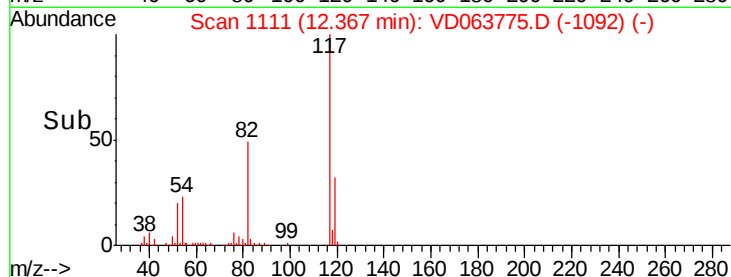
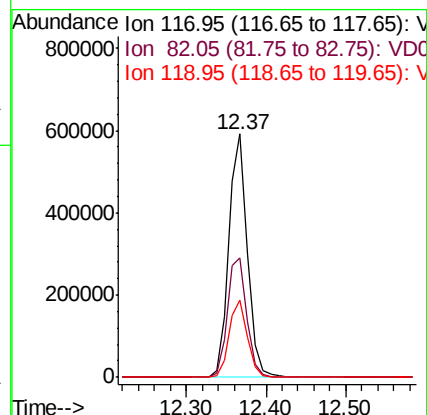
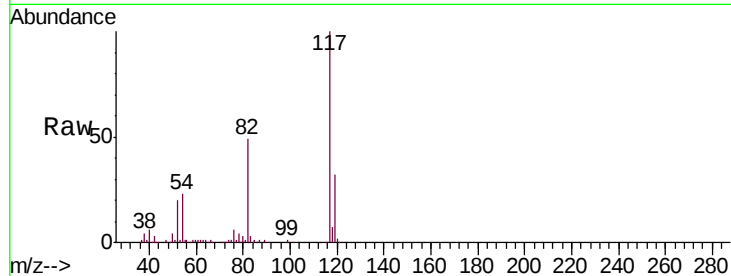




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

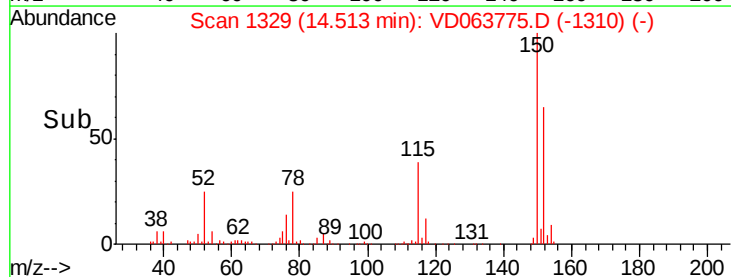
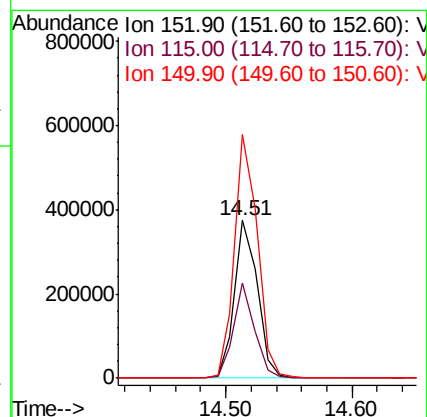
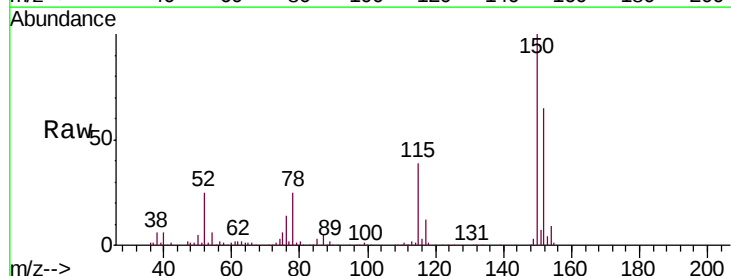
Instrument :
MSVOA_D
ClientSampleId :

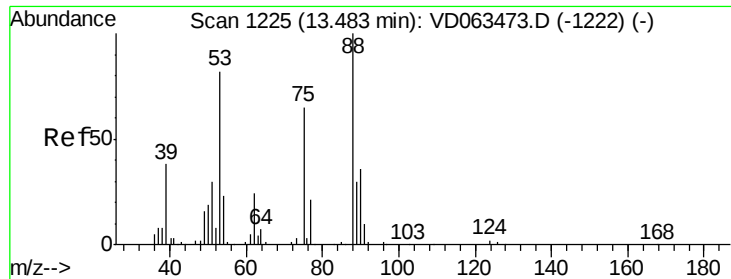
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	42.0	63.0
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.9	92.7
150	154.6	0.0	318.6





#81

trans-1,4-Dichloro-2-butene

Concen: 158.407 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

Instrument :

MSVOA_D

ClientSampleId :

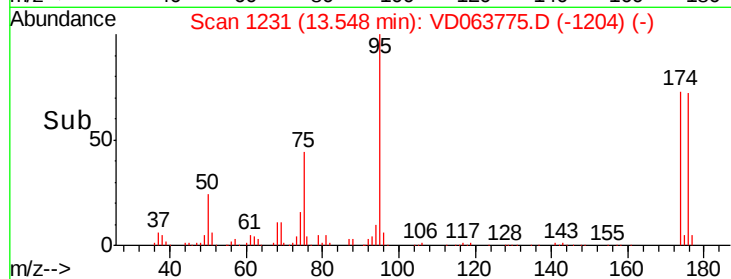
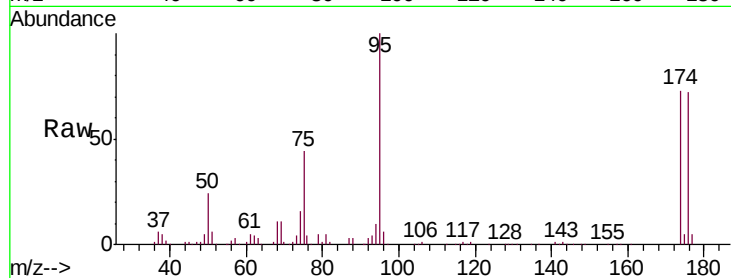
Tot Ion: 75 Resp: 228877

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

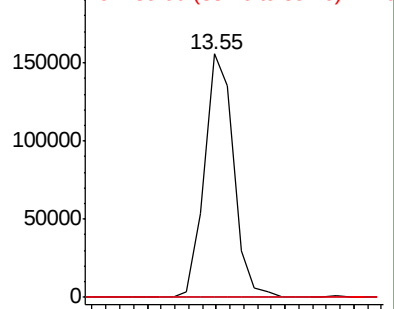
89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



Time-->