

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062305.D
 Acq On : 13 May 2019 15:26
 Operator : FY/SY
 Sample : K2734-02
 Misc : 6.18g/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-1824-01

Quant Time: May 14 05:10:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

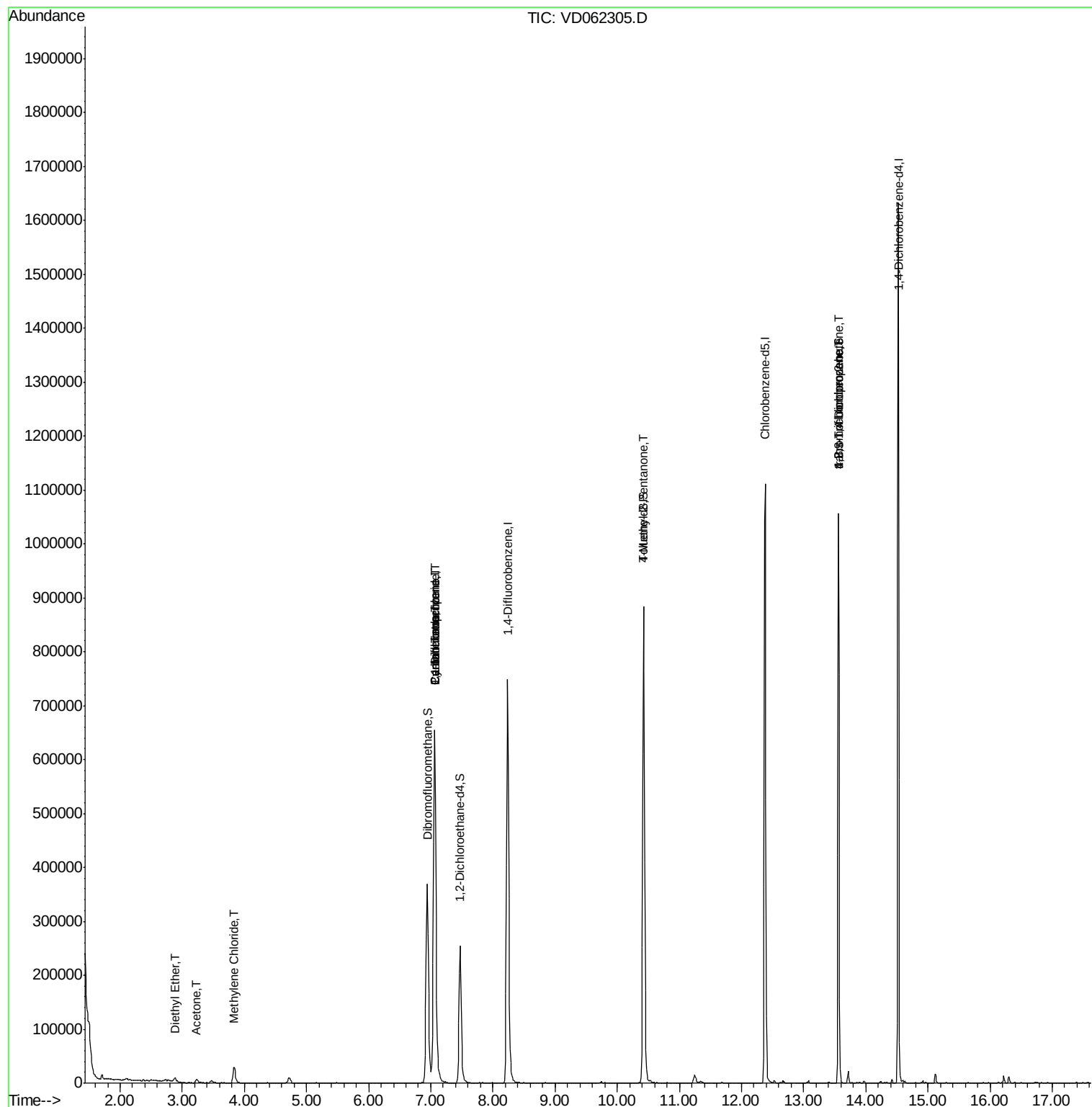
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	628201	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	800112	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	618163	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	329487	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	294600	50.46	ug/l	0.04
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	6.95	113	331104	49.88	ug/l	0.05
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.42	98	710032	44.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.72%	
62) 4-Bromofluorobenzene	13.56	95	294534	45.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.64%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.88	74	2141	1.338	ug/l	81
16) Acetone	3.23	43	13437	10.975	ug/l #	71
18) Methyl Acetate	3.65	43	204	Below Cal	#	53
20) Methylene Chloride	3.84	84	21065	4.121	ug/l	96
31) Cyclohexane	7.06	56	14654	2.392	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	53997	8.231	ug/l #	44
38) Carbon Tetrachloride	7.06	117	66820	7.359	ug/l #	15
51) 4-Methyl-2-Pentanone	10.42	43	3515	1.386	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	129758	33.138	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	132778	120.115	ug/l #	16

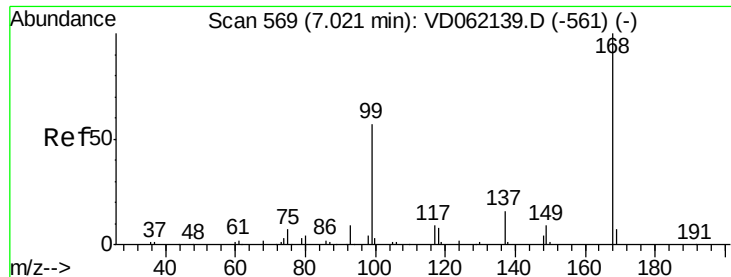
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051319\
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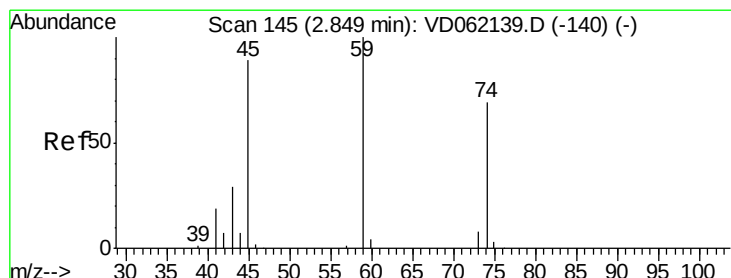
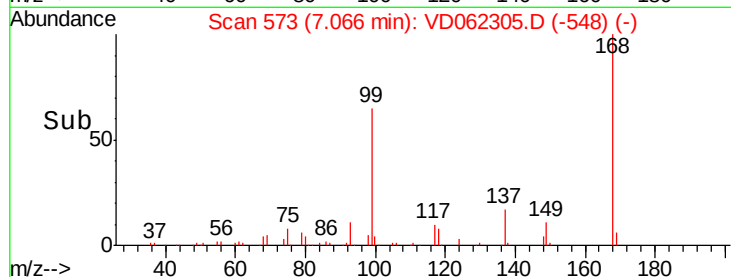
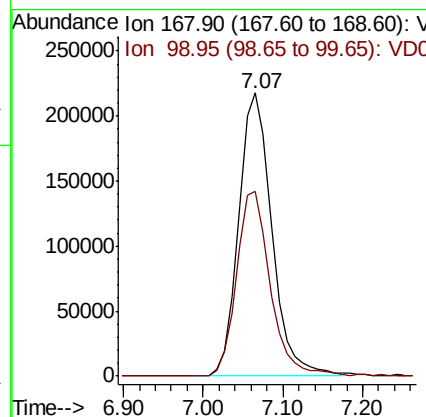
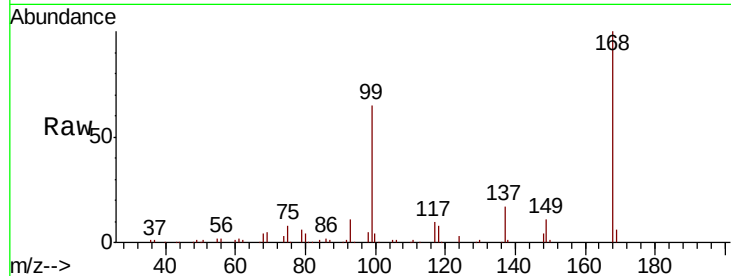




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062305.D
Acq: 13 May 2019 15:26

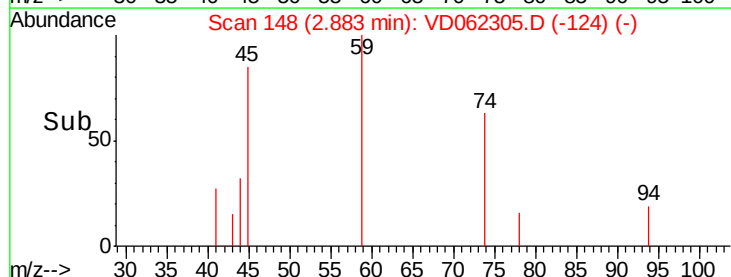
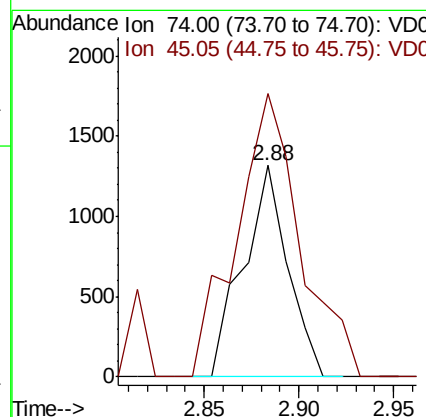
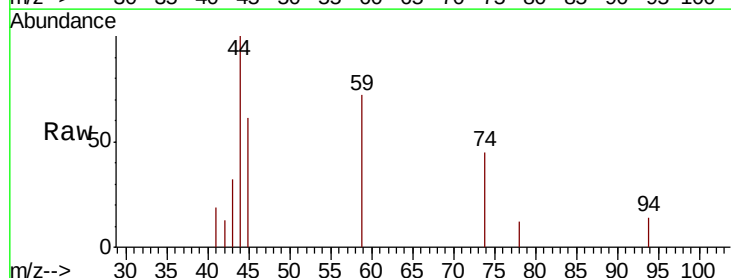
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-1824-01

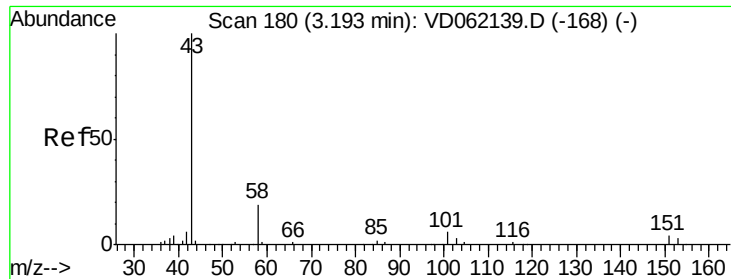
Tot Ion:168 Resp: 628201
Ion Ratio Lower Upper
168 100
99 65.2 46.5 69.7



#8
Diethyl Ether
Concen: 1.338 ug/l
RT: 2.88 min Scan# 148
Delta R.T. 0.03 min
Lab File: VD062305.D
Acq: 13 May 2019 15:26

Tgt Ion: 74 Resp: 2141
Ion Ratio Lower Upper
74 100
45 134.1 56.9 170.7





#16

Acetone

Concen: 10.975 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

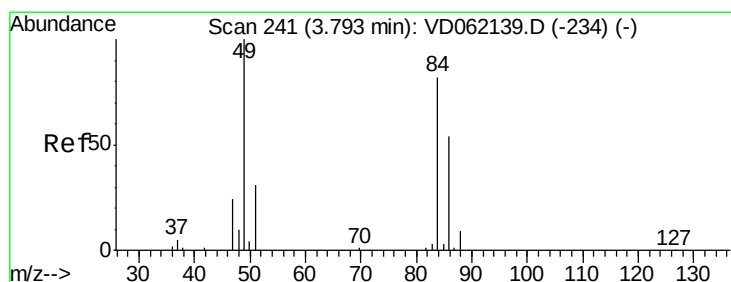
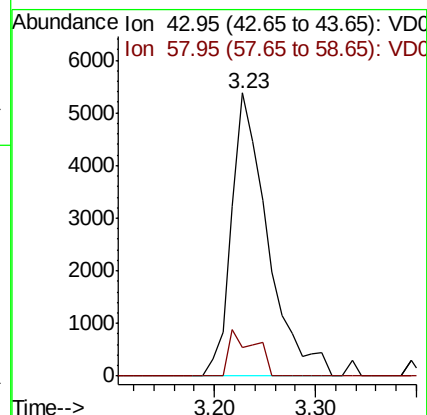
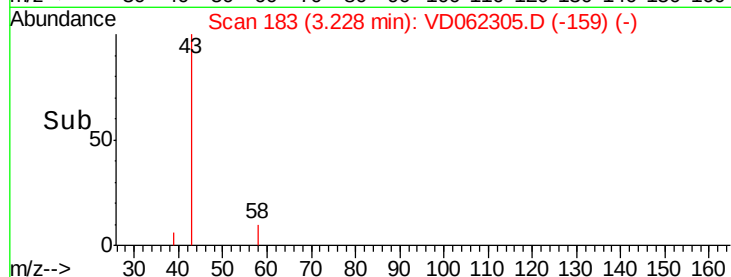
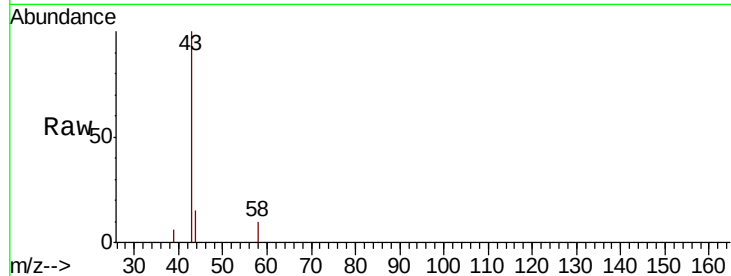
P021-SS004-1824-01

Tot Ion: 43 Resp: 13437

Ion Ratio Lower Upper

43 100

58 10.3 19.9 29.9#



#20

Methylene Chloride

Concen: 4.121 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

Tgt Ion: 84 Resp: 21065

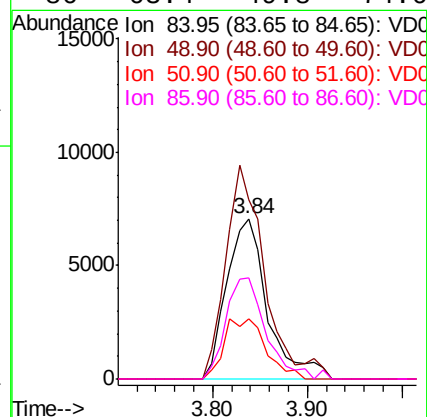
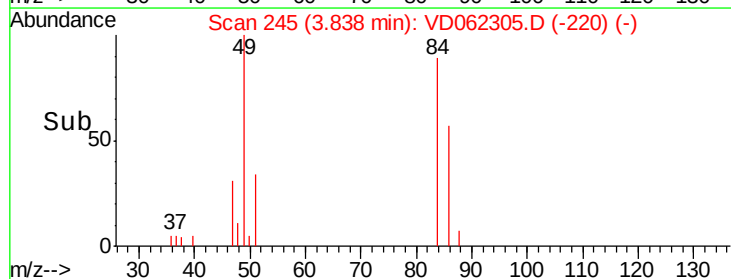
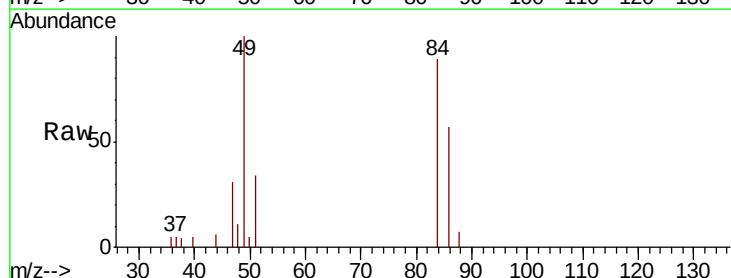
Ion Ratio Lower Upper

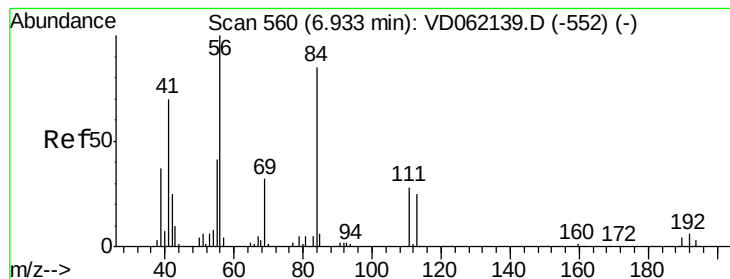
84 100

49 111.9 94.0 141.0

51 37.9 29.0 43.4

86 63.4 49.8 74.6





#31

Cyclohexane

Concen: 2.392 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.12 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1824-01

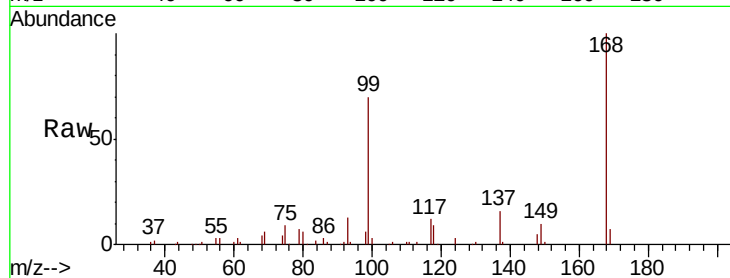
Tot Ion: 56 Resp: 14654

Ion Ratio Lower Upper

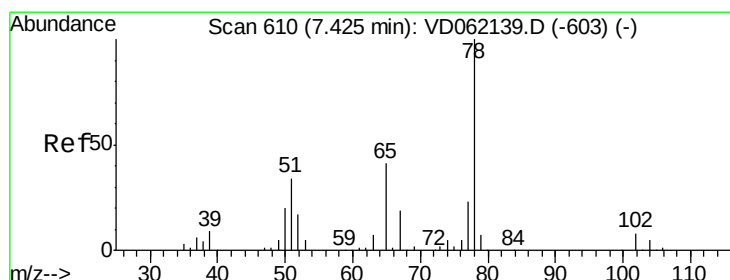
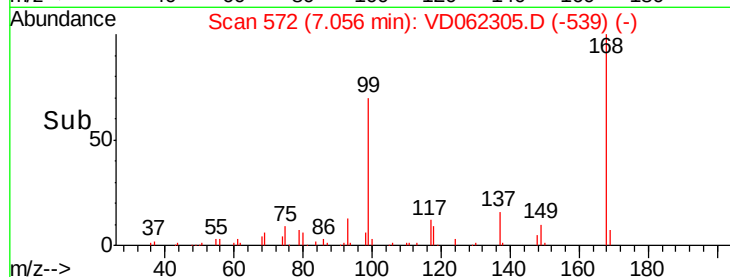
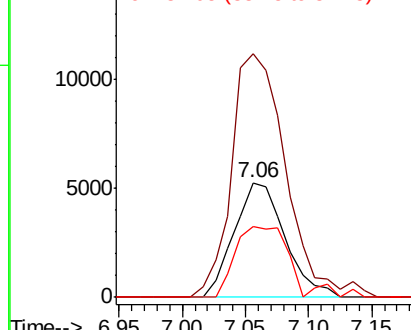
56 100

69 212.5 25.8 38.6#

84 62.2 72.2 108.4#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.463 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062305.D

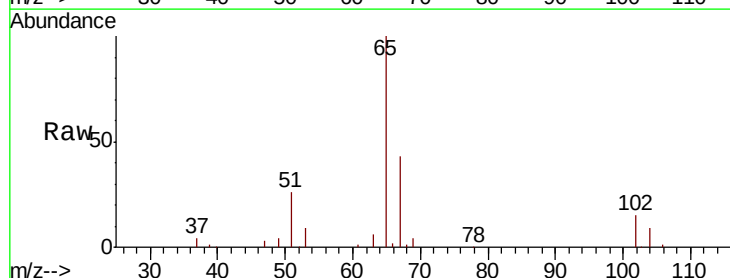
Acq: 13 May 2019 15:26

Tgt Ion: 65 Resp: 294600

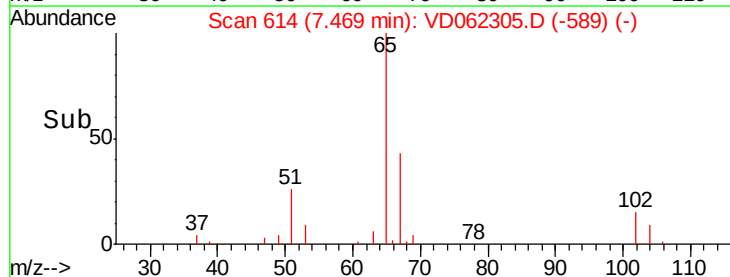
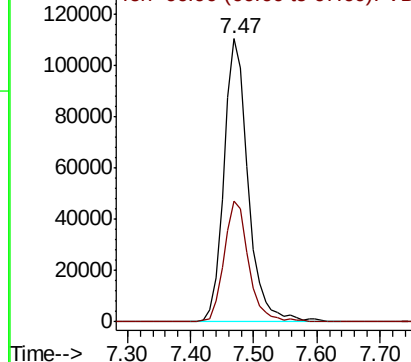
Ion Ratio Lower Upper

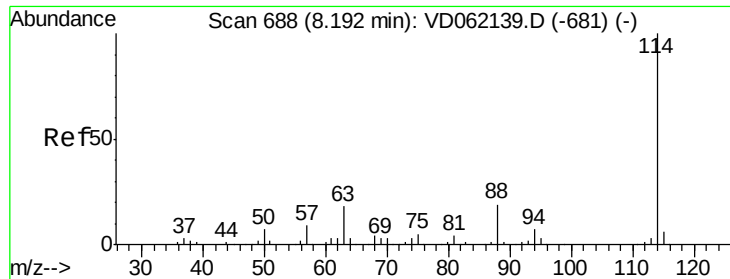
65 100

67 42.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

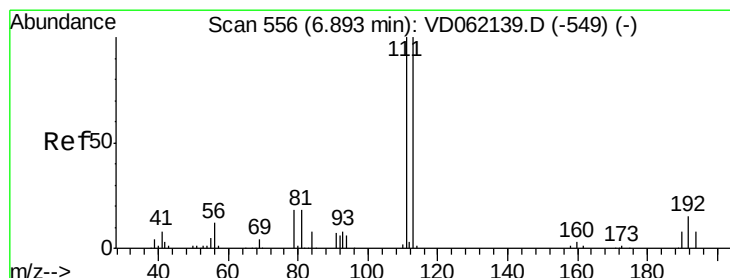
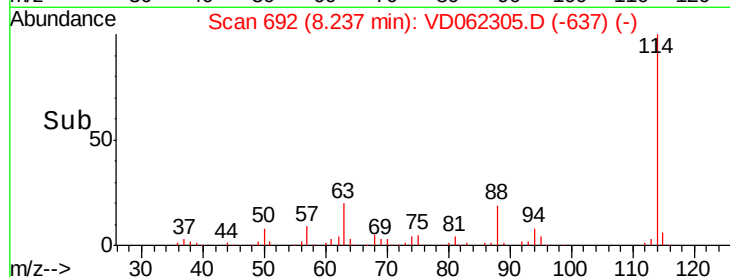
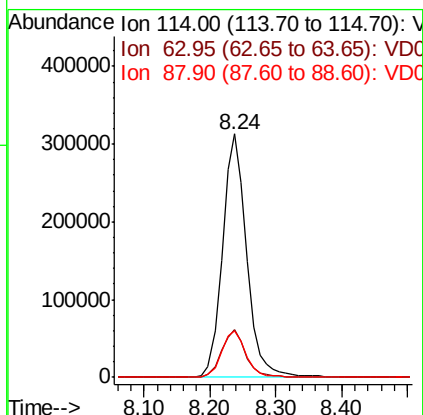
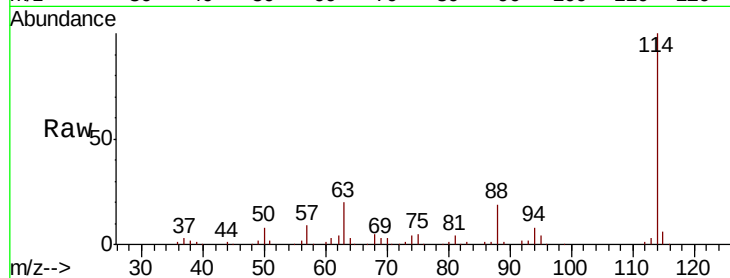




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062305.D
 Acq: 13 May 2019 15:26

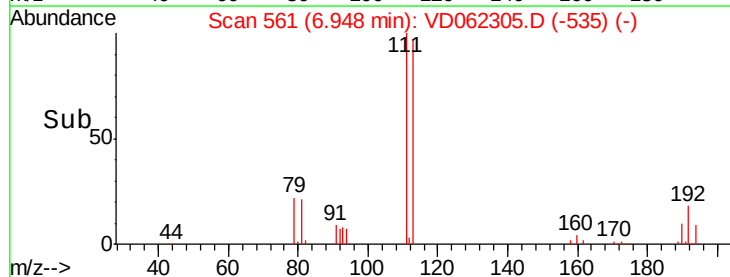
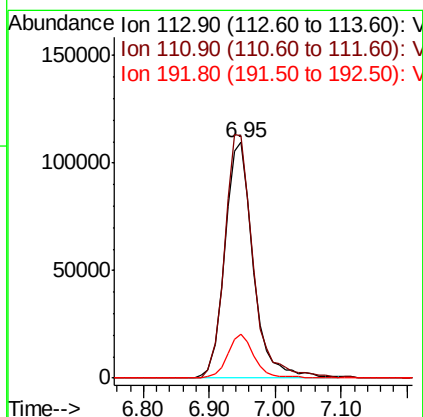
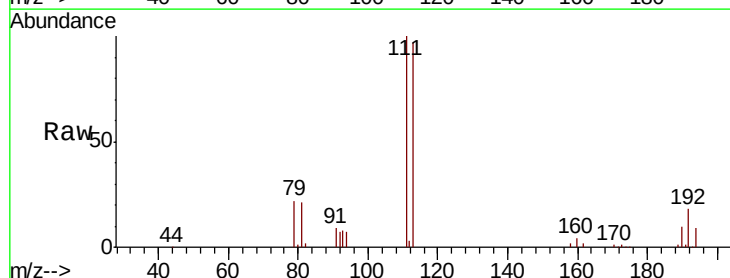
Instrument :
 MSVOA_D
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 P021-SS004-1824-01

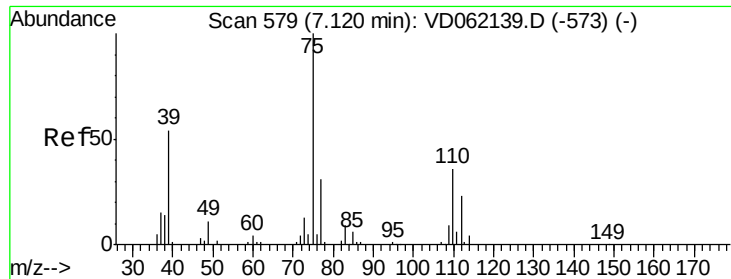
Tot Ion:114 Resp: 800112
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 32.4
 88 19.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 49.875 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062305.D
 Acq: 13 May 2019 15:26

Tgt Ion:113 Resp: 331104
 Ion Ratio Lower Upper
 113 100
 111 102.9 78.5 117.7
 192 18.6 13.0 19.4

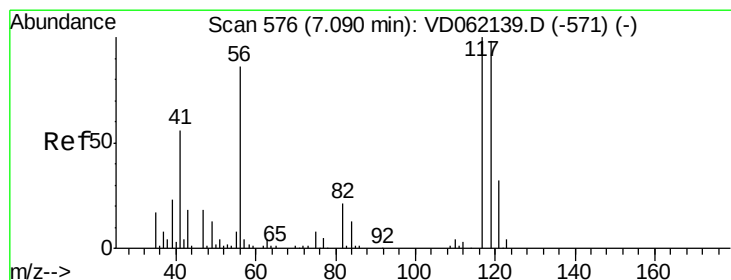
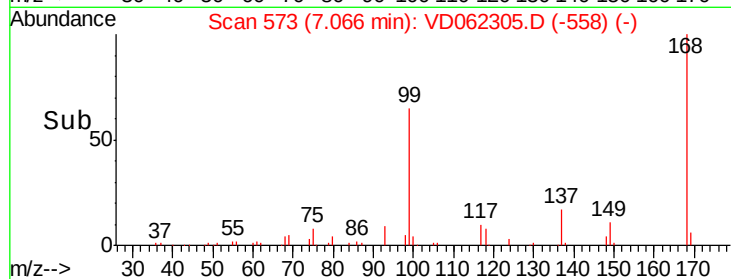
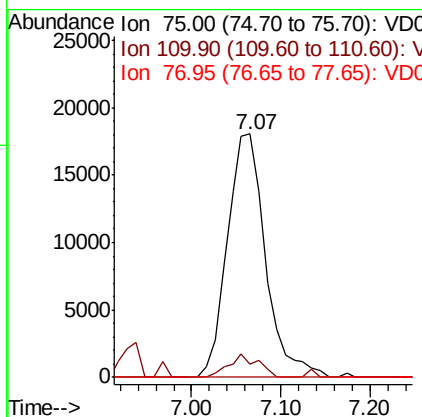
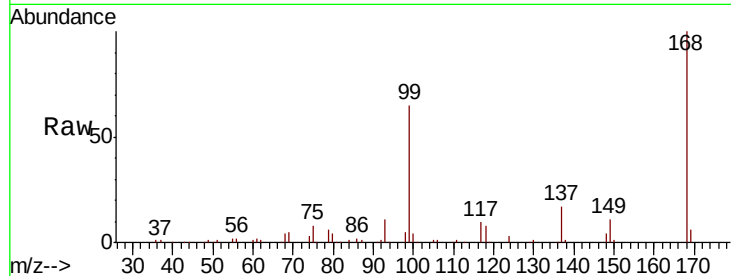




#36
 1,1-Dichloropropene
 Concen: 8.231 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: VD062305.D
 Acq: 13 May 2019 15:26

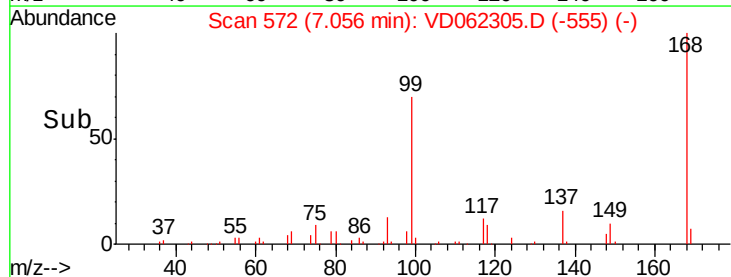
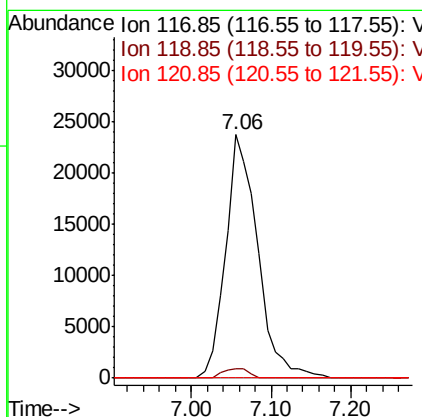
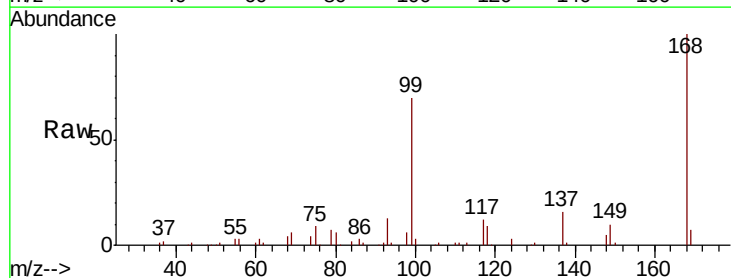
Instrument :
 MSVOA_D
 ClientSampleId :
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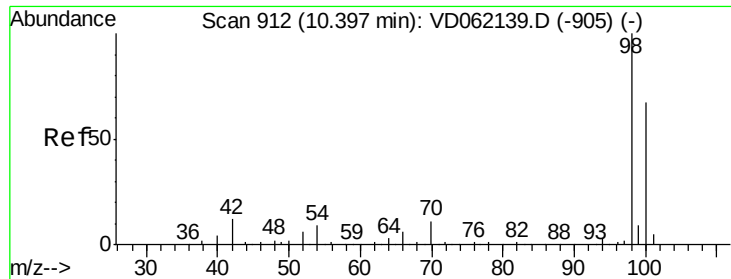
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.4	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 7.359 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.03 min
 Lab File: VD062305.D
 Acq: 13 May 2019 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.8	113.8#
121	0.0	25.9	38.9#

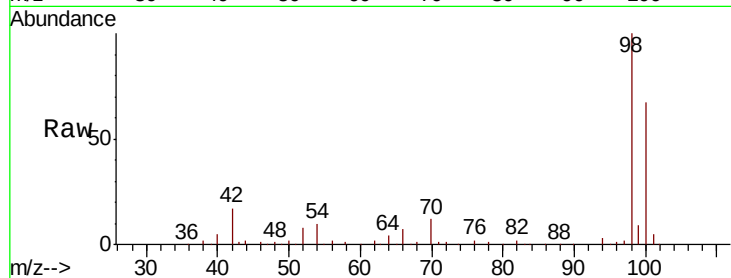




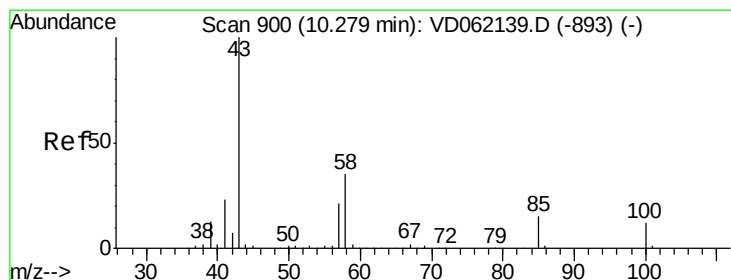
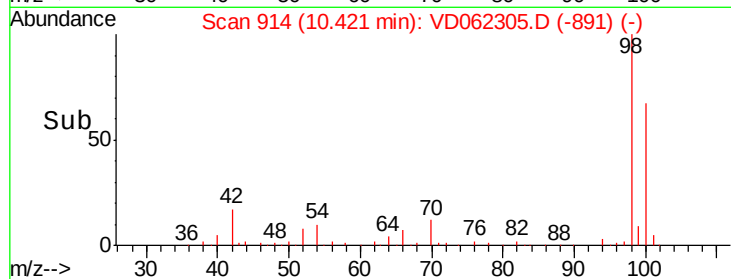
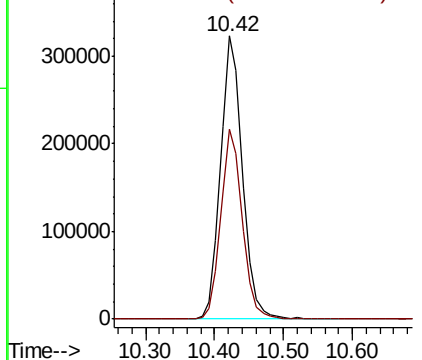
#50
Toluene-d8
Concen: 44.360 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062305.D
Acq: 13 May 2019 15:26

Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-1824-01

Tot Ion: 98 Resp: 710032
Ion Ratio Lower Upper
98 100
100 67.0 53.8 80.8

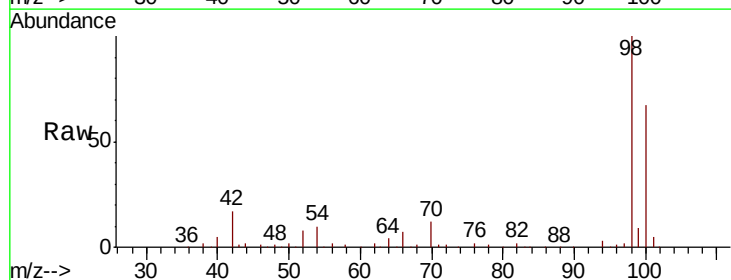


Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

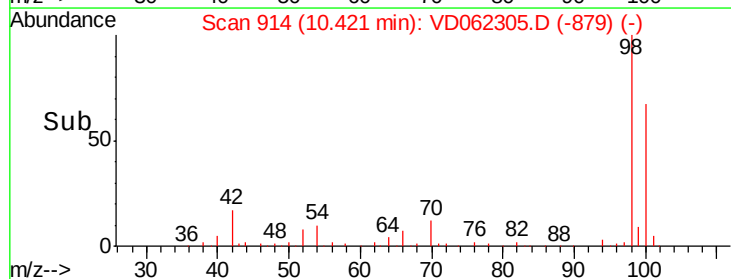
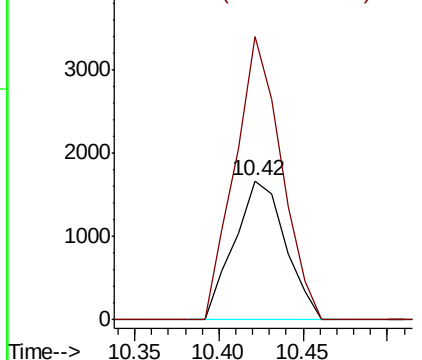


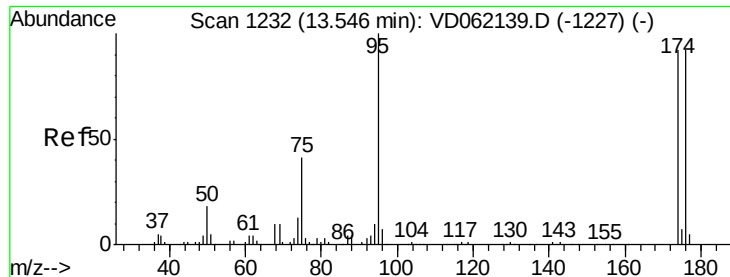
#51
4-Methyl-2-Pentanone
Concen: 1.386 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.14 min
Lab File: VD062305.D
Acq: 13 May 2019 15:26

Tgt Ion: 43 Resp: 3515
Ion Ratio Lower Upper
43 100
58 203.5 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD062139.D (-893) (-)
Ion 57.95 (57.65 to 58.65): VD062139.D (-893) (-)

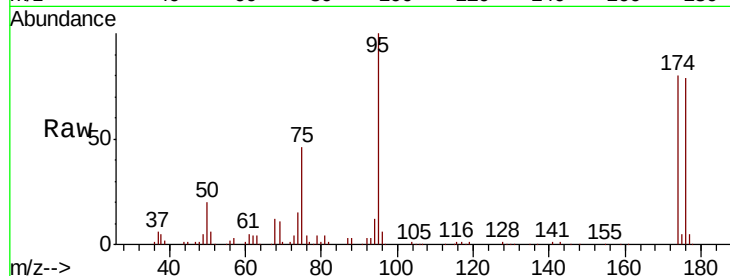




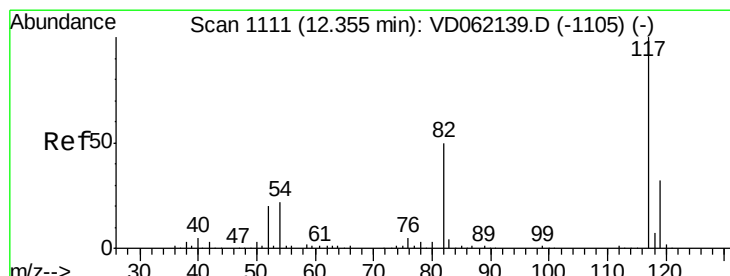
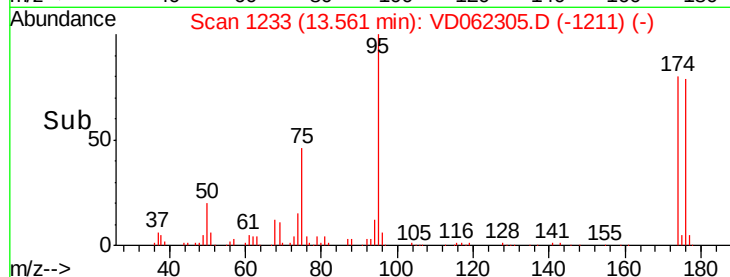
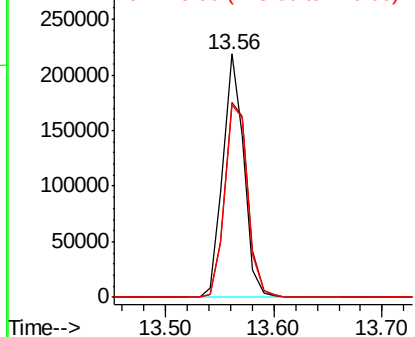
#62
4-Bromofluorobenzene
Concen: 45.824 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062305.D
Acq: 13 May 2019 15:26

Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-1824-01

Tot Ion: 95 Resp: 294534
Ion Ratio Lower Upper
95 100
174 80.2 0.0 181.8
176 79.0 0.0 174.4

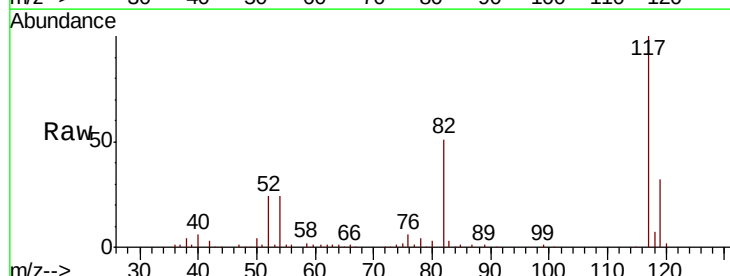


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

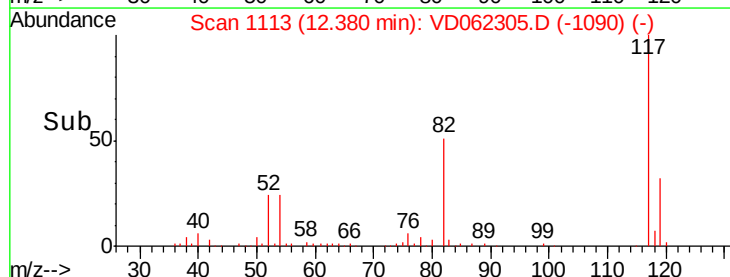
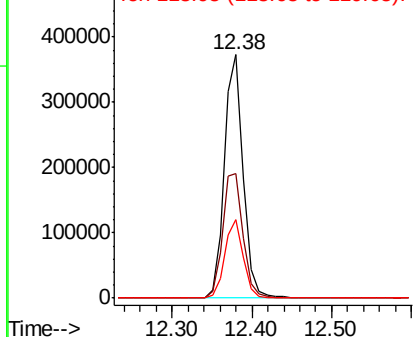


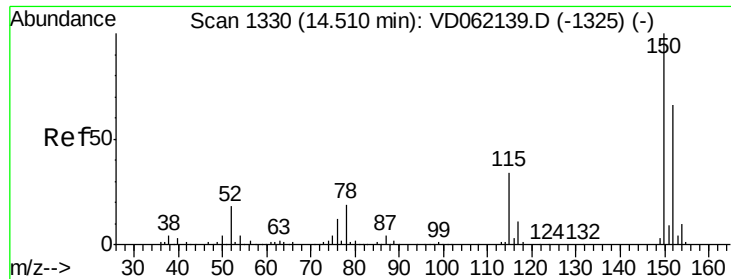
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062305.D
Acq: 13 May 2019 15:26

Tgt Ion: 117 Resp: 618163
Ion Ratio Lower Upper
117 100
82 51.0 36.2 54.2
119 32.3 26.2 39.4



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1824-01

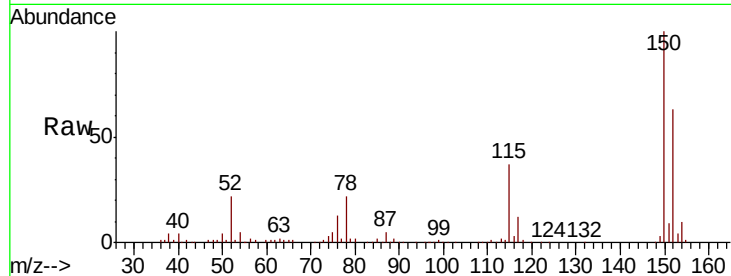
Tot Ion:152 Resp: 329487

Ion Ratio Lower Upper

152 100

115 57.7 30.9 92.7

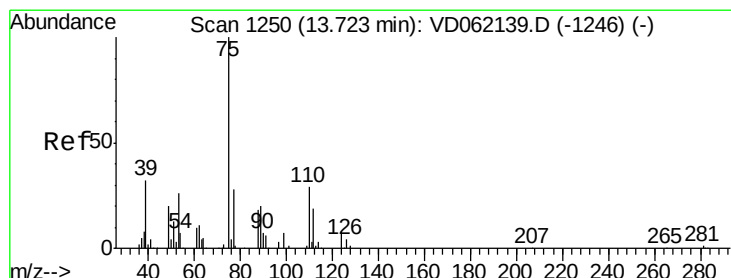
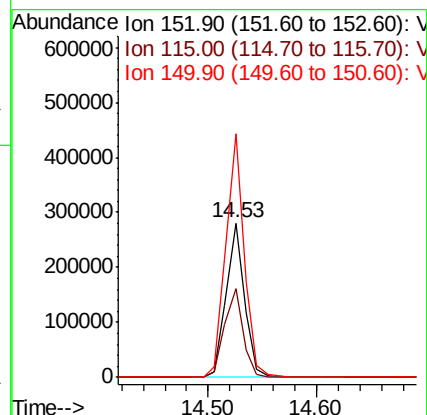
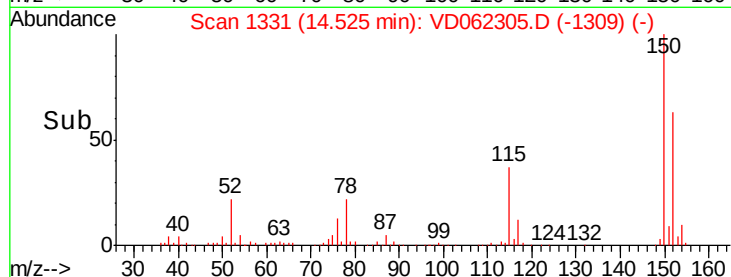
150 157.9 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 33.138 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062305.D

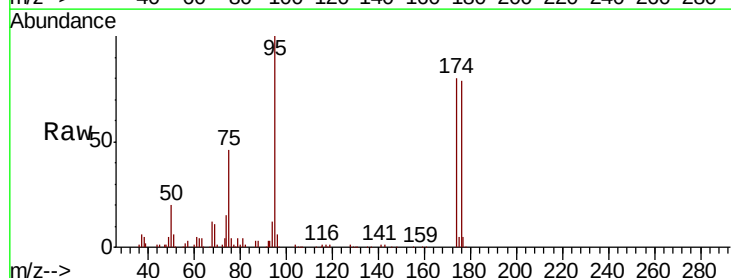
Acq: 13 May 2019 15:26

Tgt Ion: 75 Resp: 129758

Ion Ratio Lower Upper

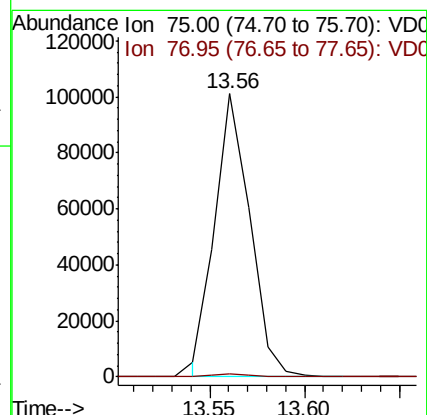
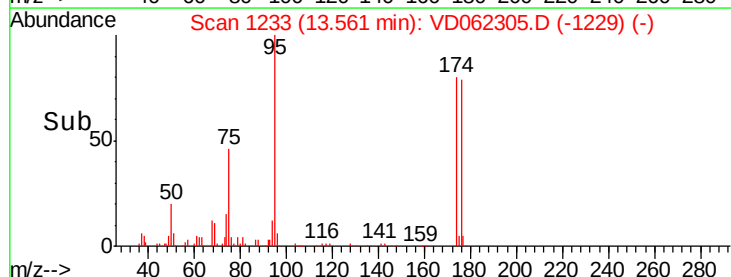
75 100

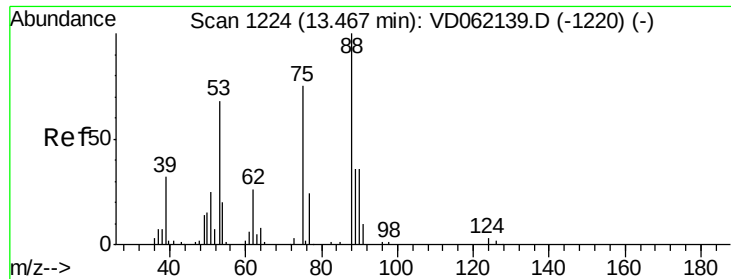
77 1.3 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 120.115 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062305.D

Acq: 13 May 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1824-01

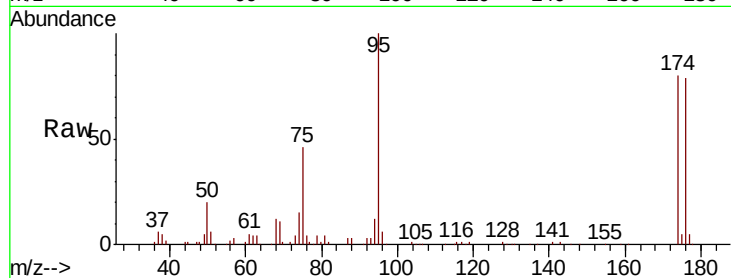
Tot Ion: 75 Resp: 132778

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

