

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\
 Data File : VD062244.D
 Acq On : 11 May 2019 18:22
 Operator : FY/SY
 Sample : K2718-15RE
 Misc : 6.14g/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-1824-01RE

Quant Time: May 11 22:23:19 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	7.05	168	582916	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	842634	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	573365	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	206901	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	315281	58.20	ug/l	0.02
Spiked Amount			Recovery	=	116.40%	
35) Dibromofluoromethane	6.93	113	354753	50.74	ug/l	0.03
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.41	98	732406	43.45	ug/l	0.01
Spiked Amount			Recovery	=	86.90%	
62) 4-Bromofluorobenzene	13.55	95	242404	35.81	ug/l	0.00
Spiked Amount			Recovery	=	71.62%	

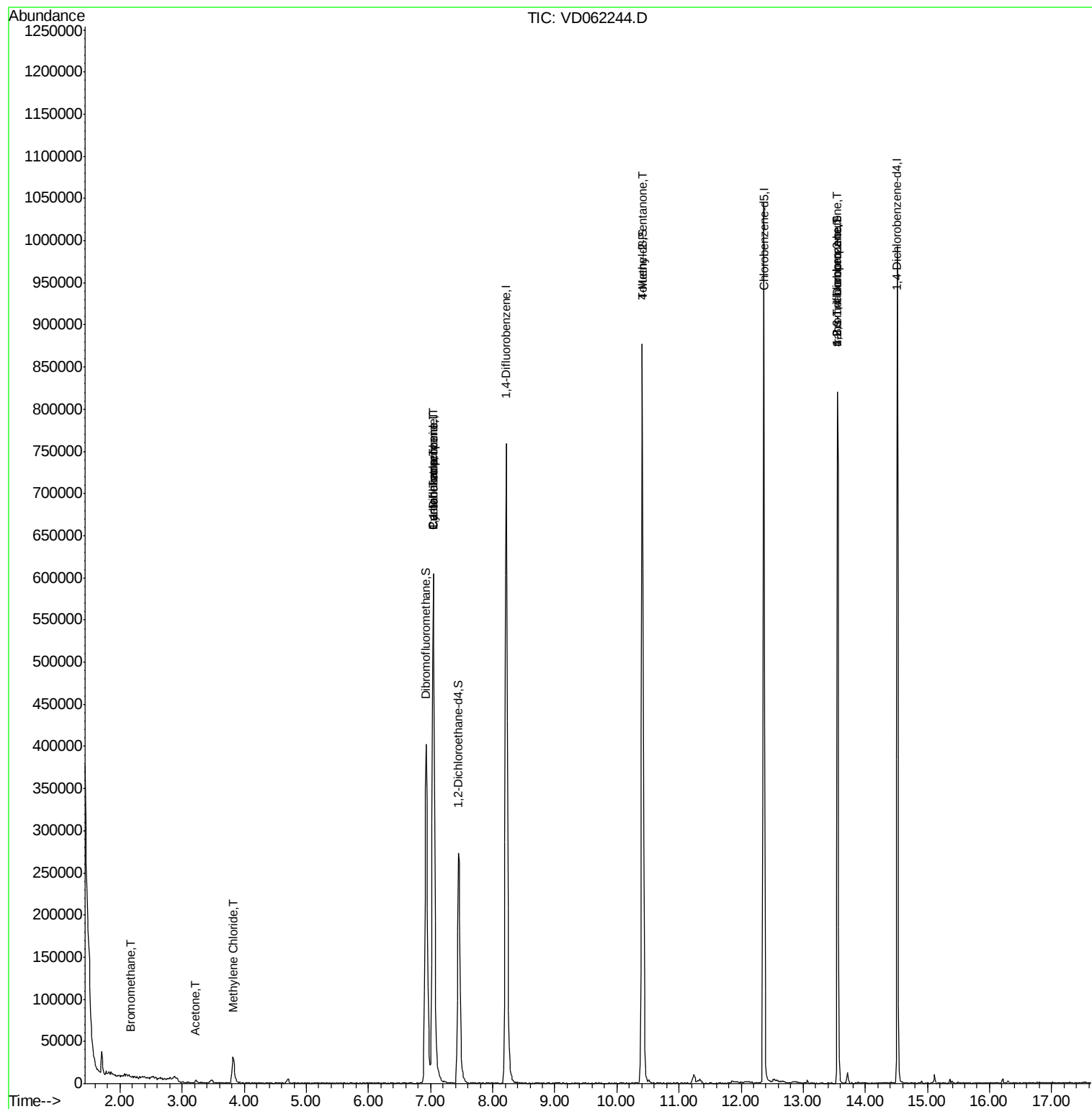
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	1031	1.111	ug/l #	12
16) Acetone	3.22	43	5265	4.635	ug/l	97
18) Methyl Acetate	3.71	43	235	Below Cal	#	53
20) Methylene Chloride	3.82	84	22910	4.830	ug/l #	86
31) Cyclohexane	7.05	56	10483	1.844	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	44785	6.482	ug/l #	47
38) Carbon Tetrachloride	7.05	117	58715	6.140	ug/l #	15
51) 4-Methyl-2-Pentanone	10.40	43	4208	1.575	ug/l #	1
76) 1,2,3-Trichloropropane	13.55	75	91405	37.174	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.55	75	107406	154.731	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051119\
Data File : VD062244.D
Acq On : 11 May 2019 18:22
Operator : FY/SY
Sample : K2718-15RE
Misc : 6.14g/5mL/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-1824-01RE

Quant Time: May 11 22:23:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

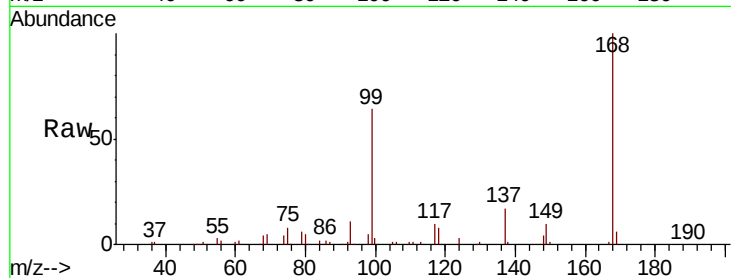
P026-SS006-1824-01RE

Tot Ion:168 Resp: 582916

Ion Ratio Lower Upper

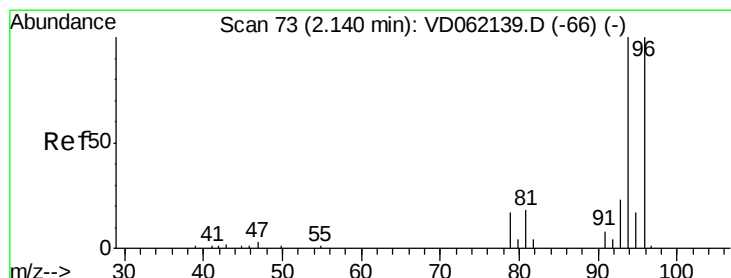
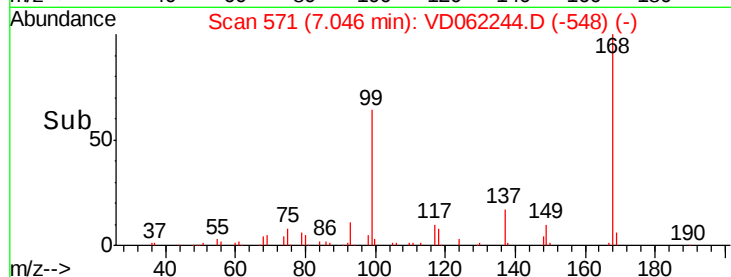
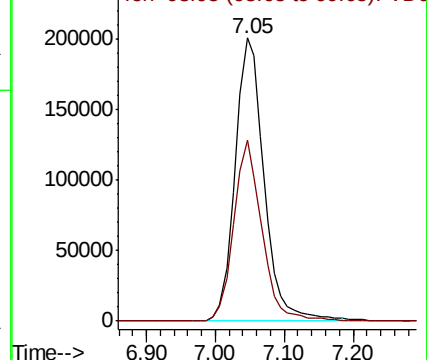
168 100

99 63.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.111 ug/l

RT: 2.17 min Scan# 76

Delta R.T. 0.03 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

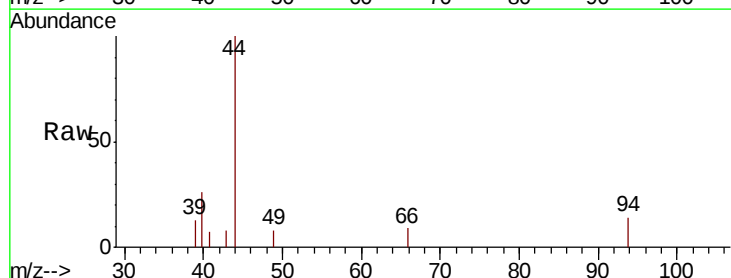
Tgt Ion: 94 Resp: 1031

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

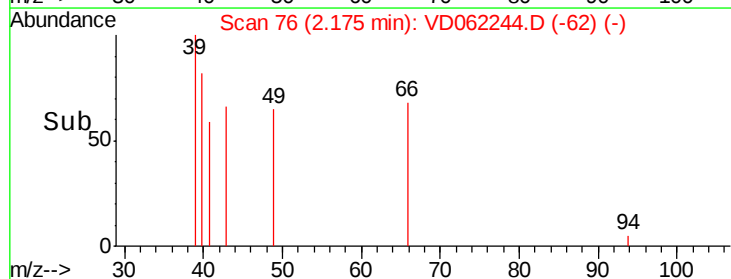
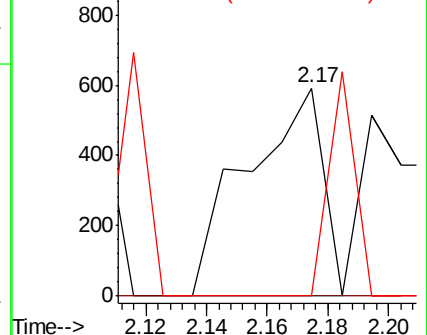
93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 4.635 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

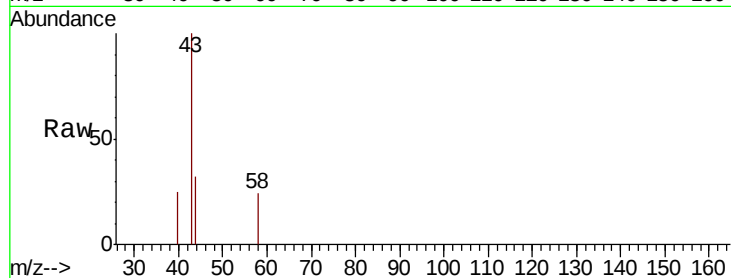
P026-SS006-1824-01RE

Tot Ion: 43 Resp: 5265

Ion Ratio Lower Upper

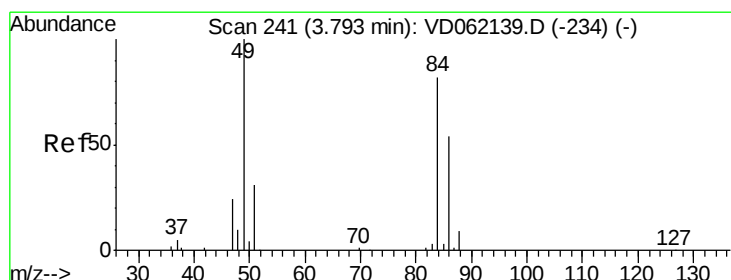
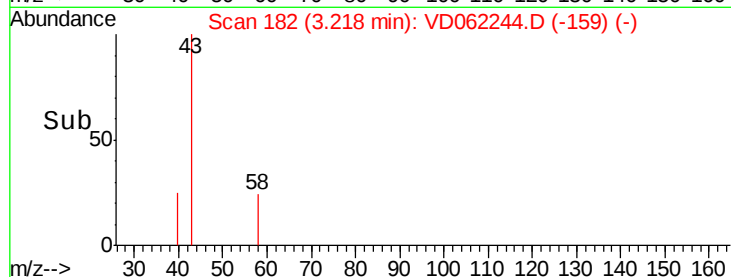
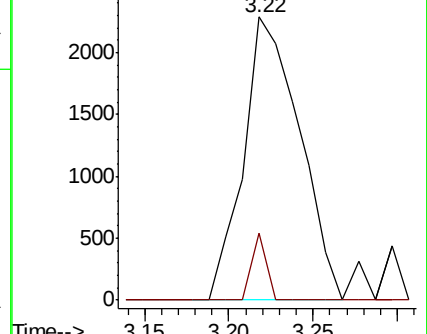
43 100

58 23.5 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 4.830 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Tgt Ion: 84 Resp: 22910

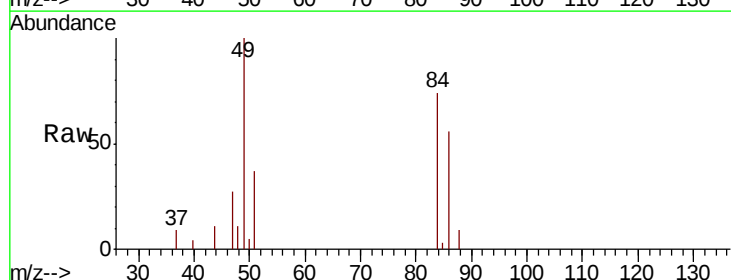
Ion Ratio Lower Upper

84 100

49 129.9 94.0 141.0

51 48.6 29.0 43.4#

86 73.4 49.8 74.6

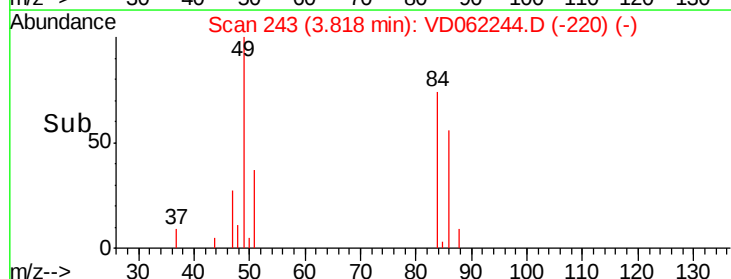
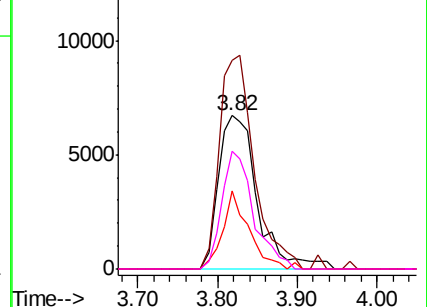


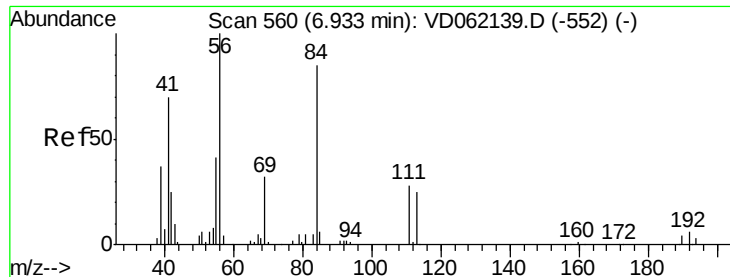
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#31

Cyclohexane

Concen: 1.844 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.11 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-1824-01RE

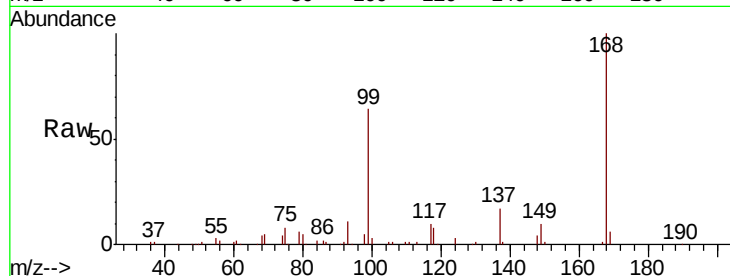
Tot Ion: 56 Resp: 10483

Ion Ratio Lower Upper

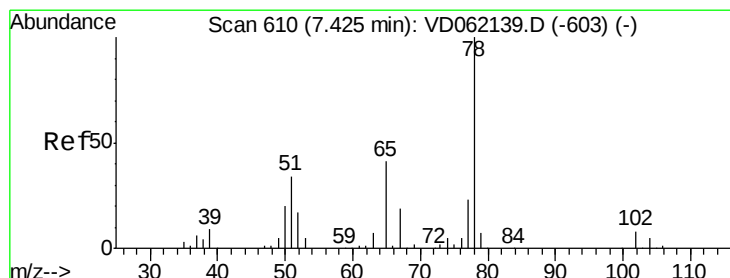
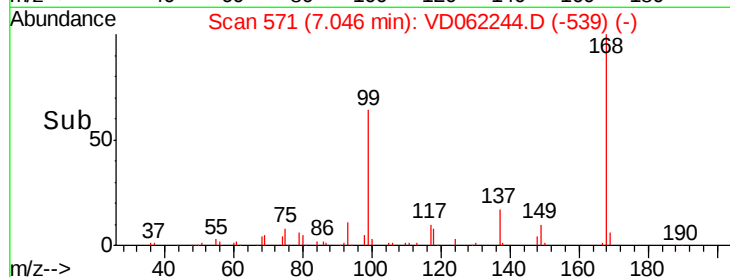
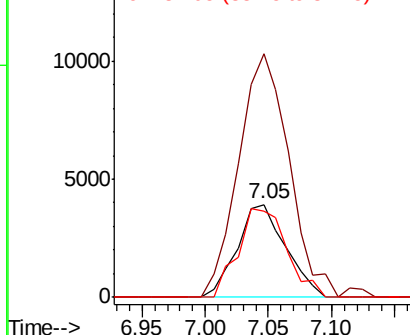
56 100

69 261.2 25.8 38.6#

84 92.2 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: 58.201 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062244.D

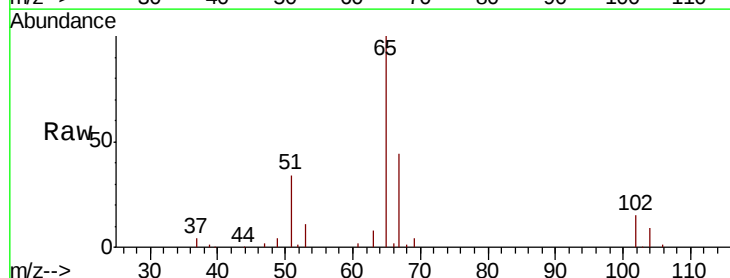
Acq: 11 May 2019 18:22

Tgt Ion: 65 Resp: 315281

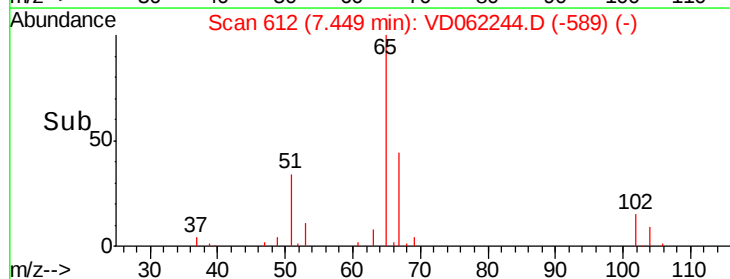
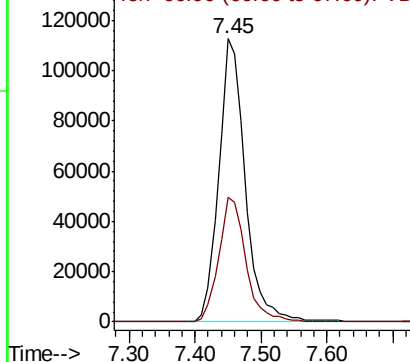
Ion Ratio Lower Upper

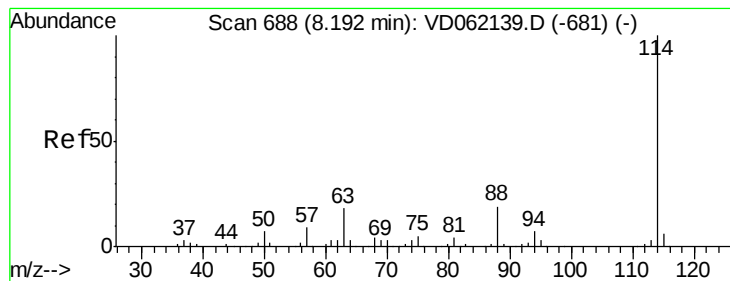
65 100

67 44.0 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: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-1824-01RE

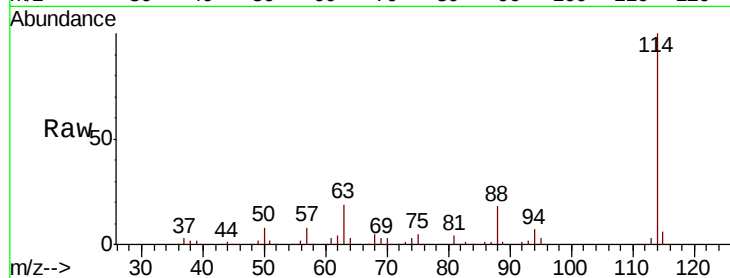
Tot Ion:114 Resp: 842634

Ion Ratio Lower Upper

114 100

63 18.6 0.0 32.4

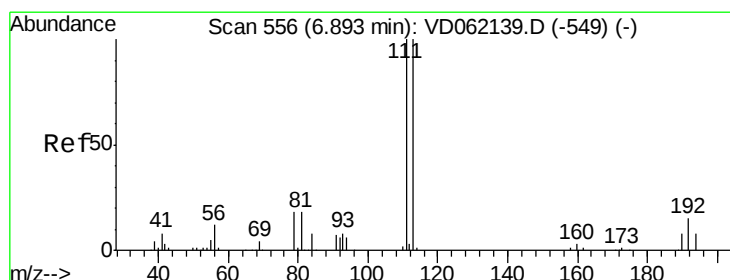
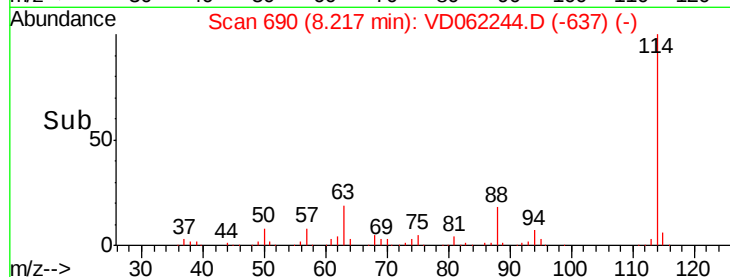
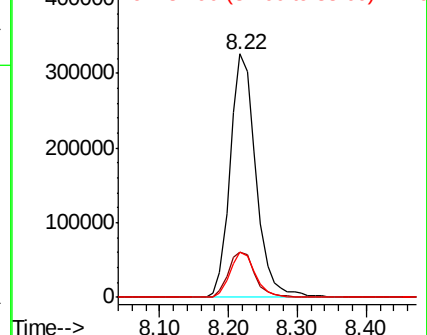
88 18.4 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.741 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

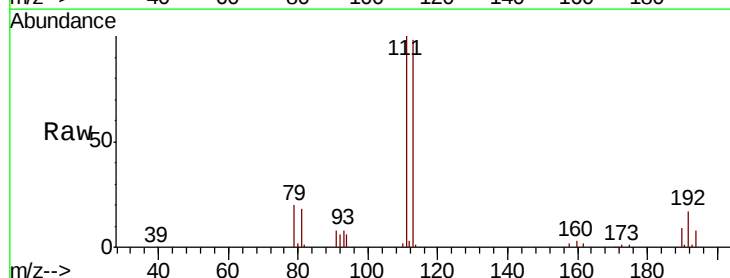
Tgt Ion:113 Resp: 354753

Ion Ratio Lower Upper

113 100

111 101.7 78.5 117.7

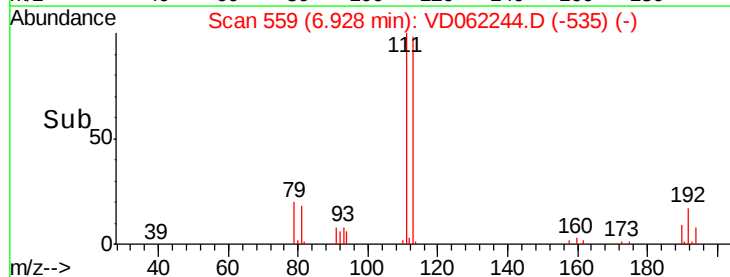
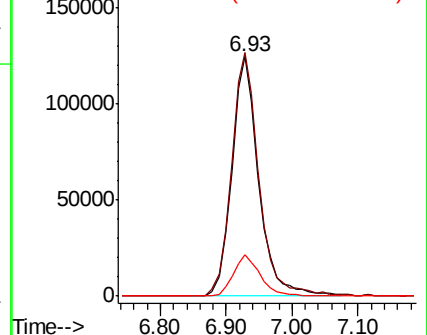
192 17.1 13.0 19.4

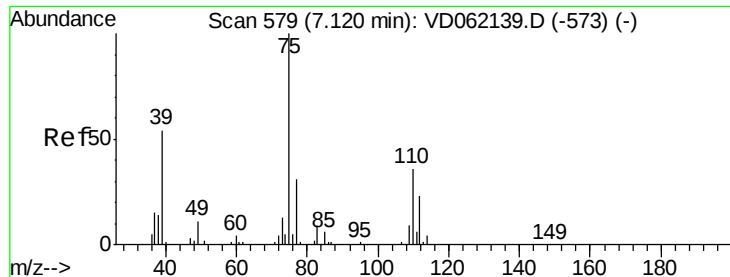


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

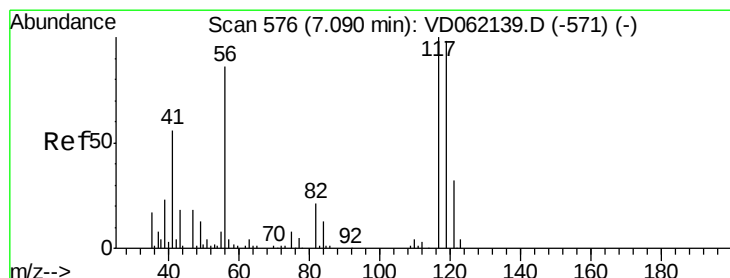
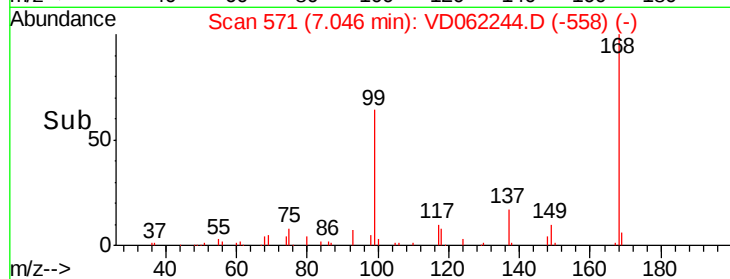
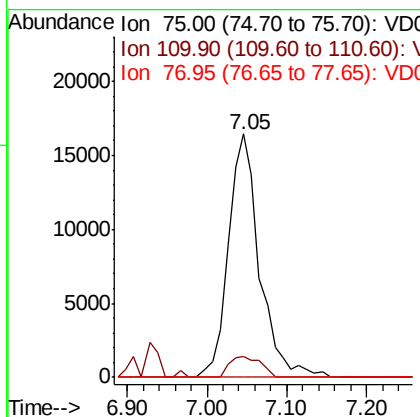
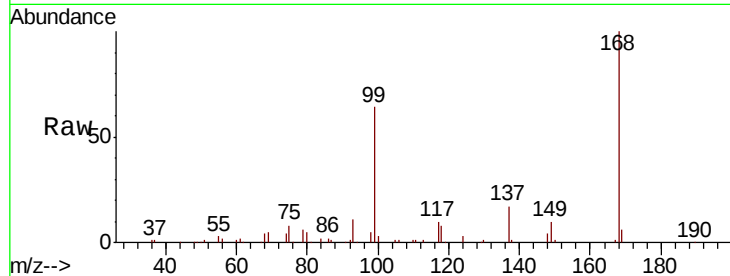




#36
 1,1-Dichloropropene
 Concen: 6.482 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD062244.D
 Acq: 11 May 2019 18:22

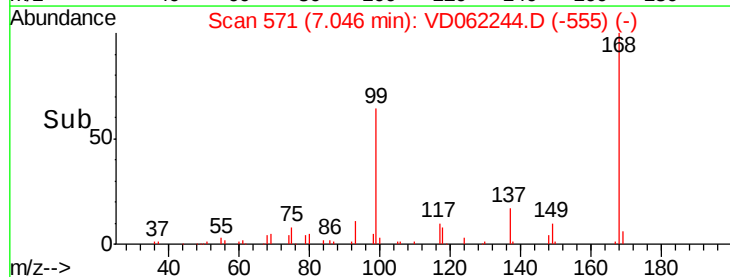
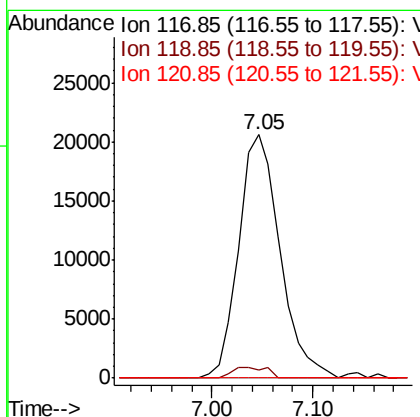
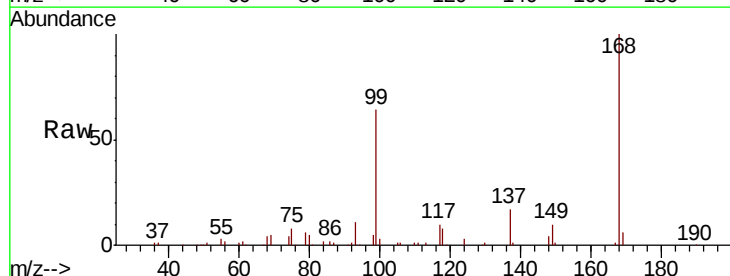
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-1824-01RE

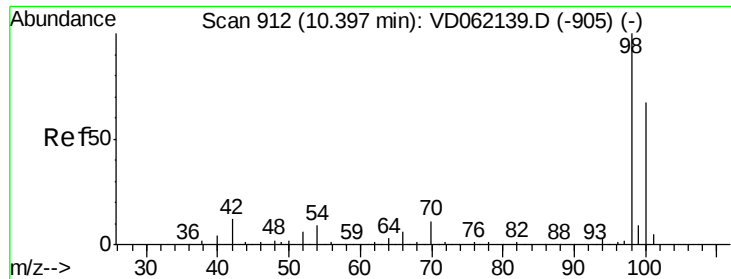
Tot Ion: 75 Resp: 44785
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.1 57.1#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.140 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: VD062244.D
 Acq: 11 May 2019 18:22

Tgt Ion: 117 Resp: 58715
 Ion Ratio Lower Upper
 117 100
 119 3.3 75.8 113.8#
 121 0.0 25.9 38.9#

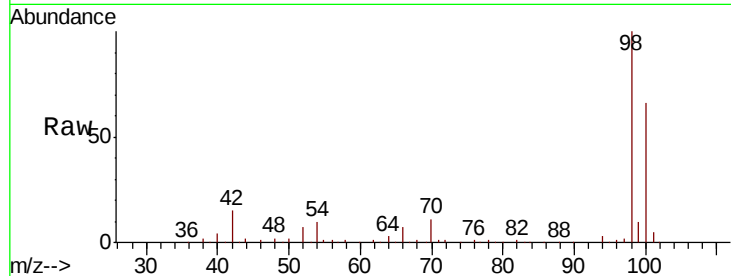




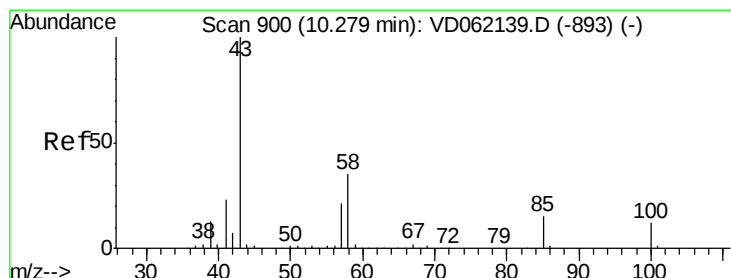
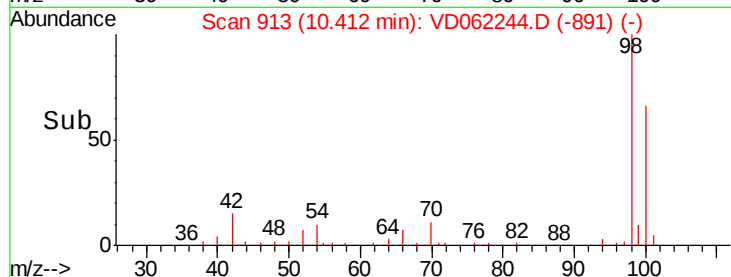
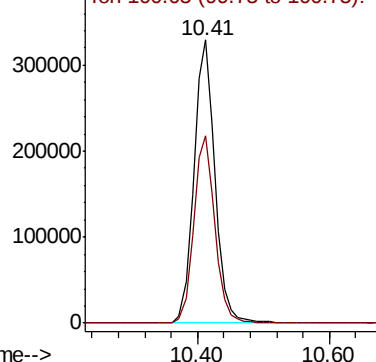
#50
Toluene-d8
Concen: 43.449 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062244.D
Acq: 11 May 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-1824-01RE

Tot Ion: 98 Resp: 732406
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.8

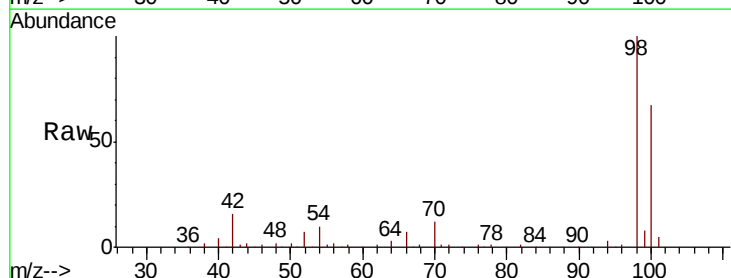


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

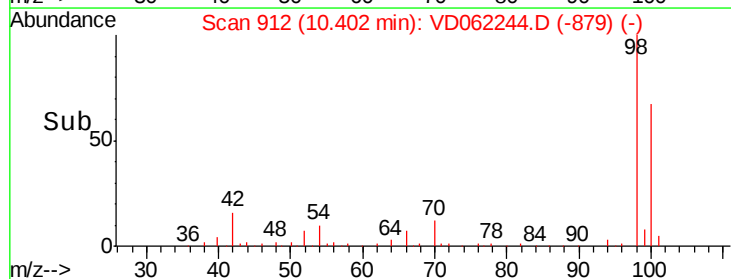
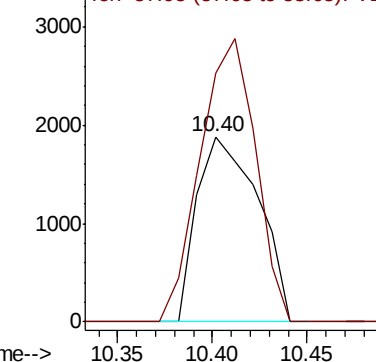


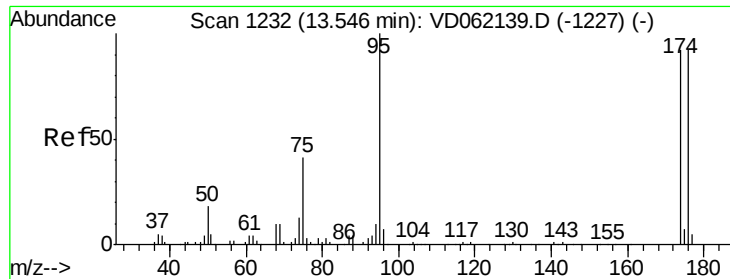
#51
4-Methyl-2-Pentanone
Concen: 1.575 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.12 min
Lab File: VD062244.D
Acq: 11 May 2019 18:22

Tgt Ion: 43 Resp: 4208
Ion Ratio Lower Upper
43 100
58 134.3 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: 35.810 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-1824-01RE

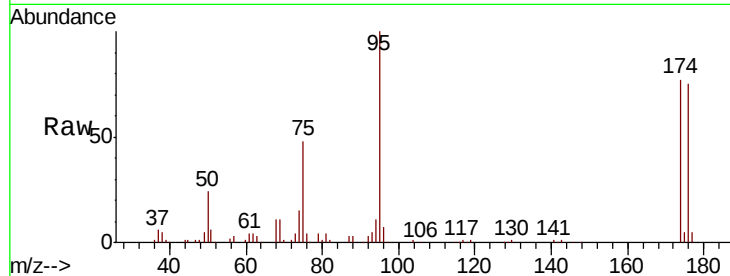
Tot Ion: 95 Resp: 242404

Ion Ratio Lower Upper

95 100

174 76.5 0.0 181.8

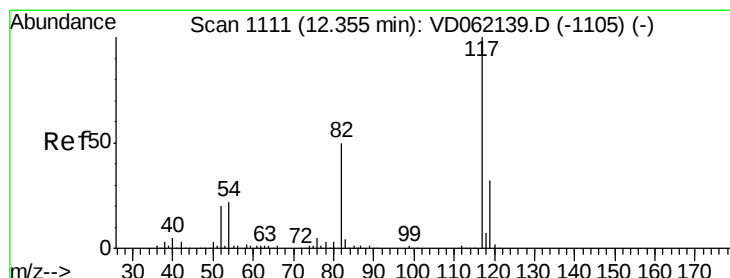
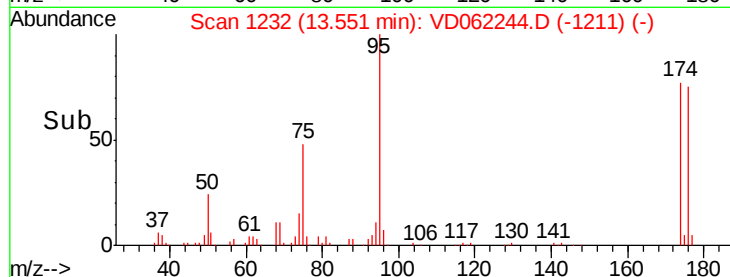
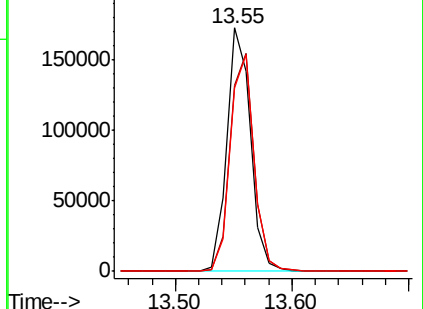
176 75.1 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

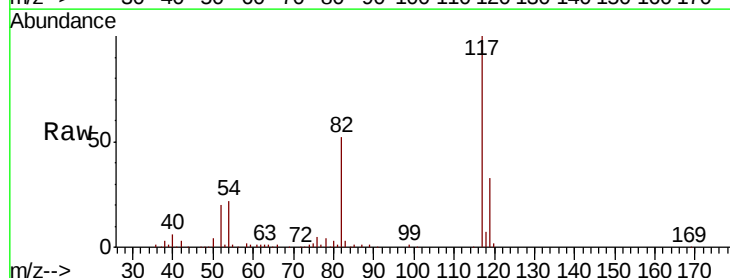
Tgt Ion: 117 Resp: 573365

Ion Ratio Lower Upper

117 100

82 51.7 36.2 54.2

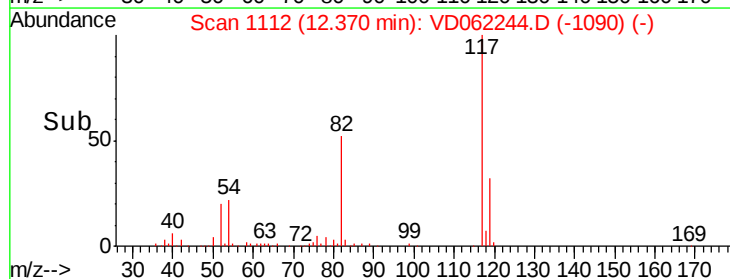
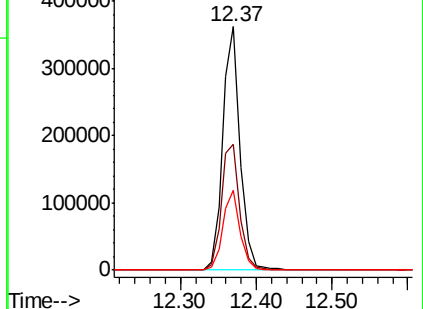
119 32.6 26.2 39.4

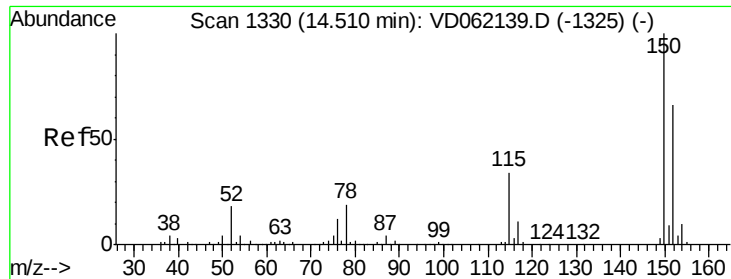


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-1824-01RE

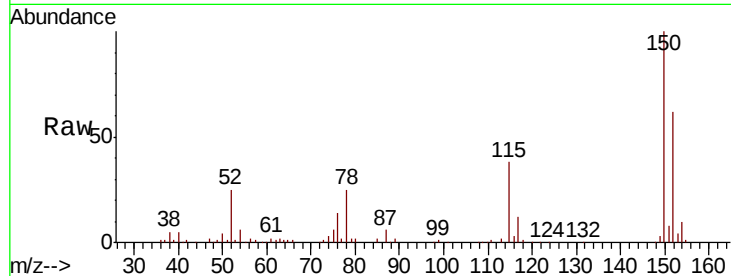
Tot Ion:152 Resp: 206901

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.7

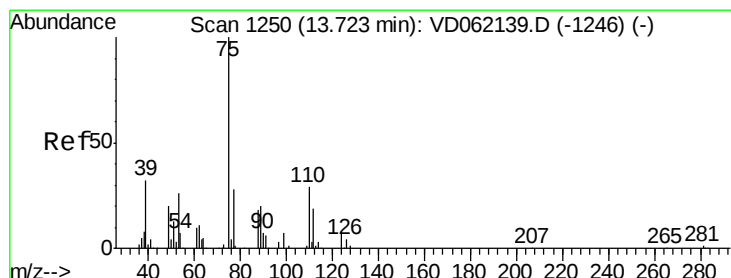
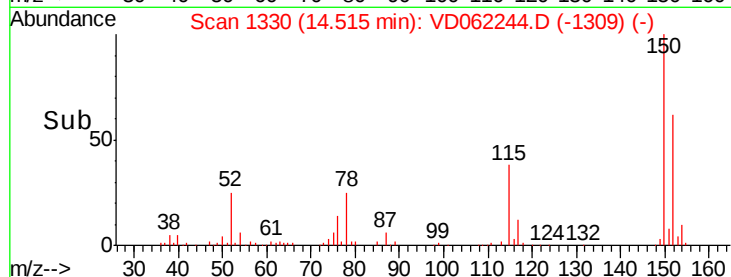
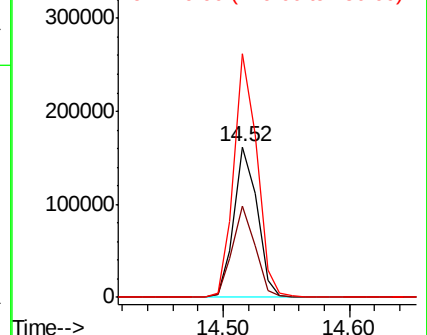
150 161.7 0.0 314.8



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: 37.174 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD062244.D

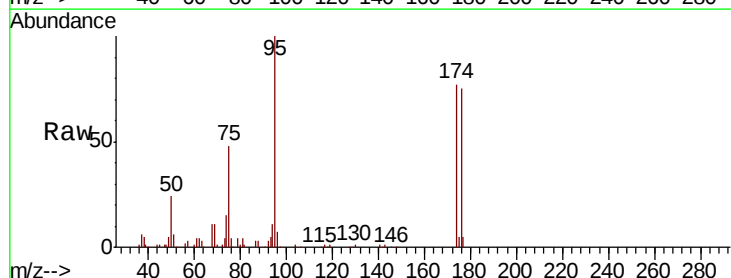
Acq: 11 May 2019 18:22

Tgt Ion: 75 Resp: 91405

Ion Ratio Lower Upper

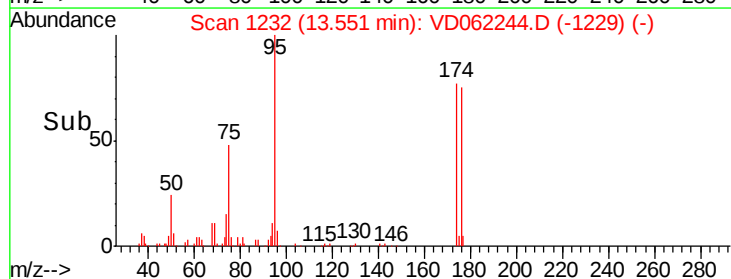
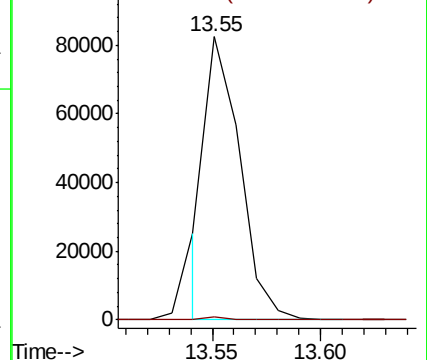
75 100

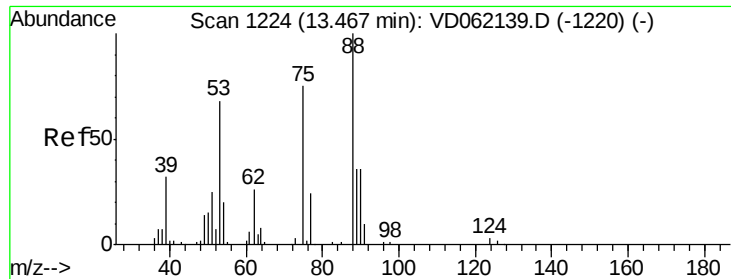
77 0.9 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 154.731 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-1824-01RE

Tot Ion: 75 Resp: 107406

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

