

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062373.D
 Acq On : 15 May 2019 4:55
 Operator : FY/SY
 Sample : K2735-16RE
 Misc : 2.84g/5mL/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-1218-01RE

Quant Time: May 15 06:34:02 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	7.06	168	525962	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	722157	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	535563	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	255602	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	251029	51.36	ug/l	0.05
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	6.94	113	291203	48.60	ug/l	0.05
Spiked Amount 50.000			Recovery	=	97.20%	
50) Toluene-d8	10.43	98	410997	28.45	ug/l	0.03
Spiked Amount 50.000			Recovery	=	56.90%	
62) 4-Bromofluorobenzene	13.56	95	186134	32.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	64.18%	

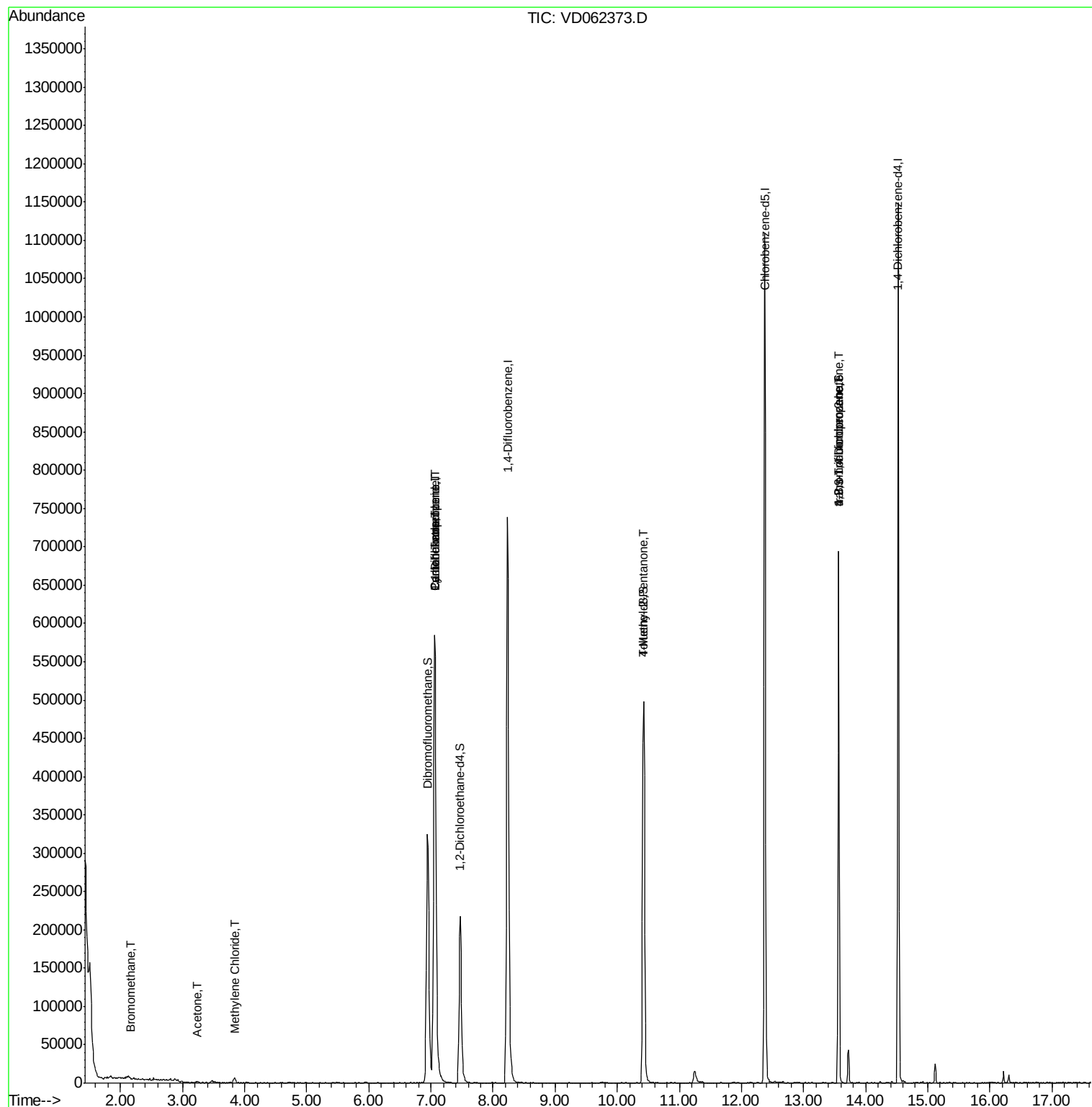
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	941	1.124	ug/l #	12
16) Acetone	3.23	43	3521	3.435	ug/l #	50
18) Methyl Acetate	3.52	43	208	Below Cal	#	53
20) Methylene Chloride	3.84	84	4864	1.136	ug/l #	85
31) Cyclohexane	7.06	56	13828	2.696	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	45003	7.601	ug/l #	52
38) Carbon Tetrachloride	7.06	117	58258	7.109	ug/l #	15
51) 4-Methyl-2-Pentanone	10.42	43	2440	1.066	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	79815	26.275	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	84892	98.995	ug/l #	16

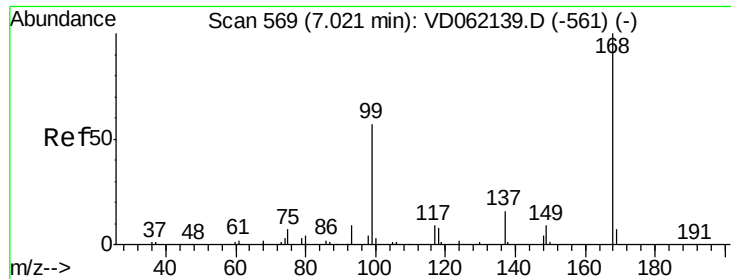
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\
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Acq On : 15 May 2019 4:55
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Quant Time: May 15 06:34:02 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: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

Instrument :

MSVOA_D

ClientSampleId :

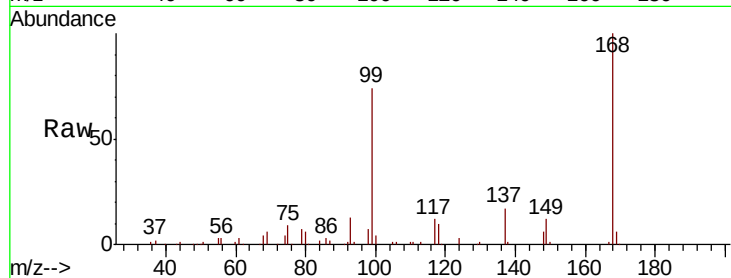
P026-SS017-1218-01RE

Tot Ion:168 Resp: 525962

Ion Ratio Lower Upper

168 100

99 73.7 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

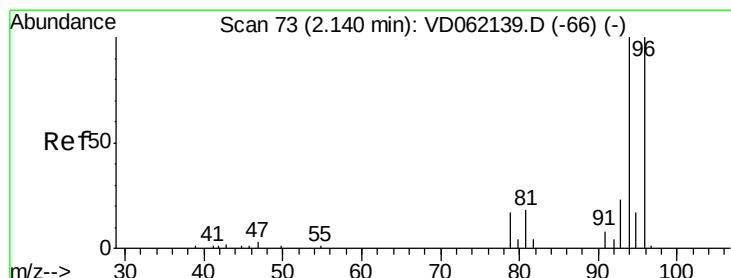
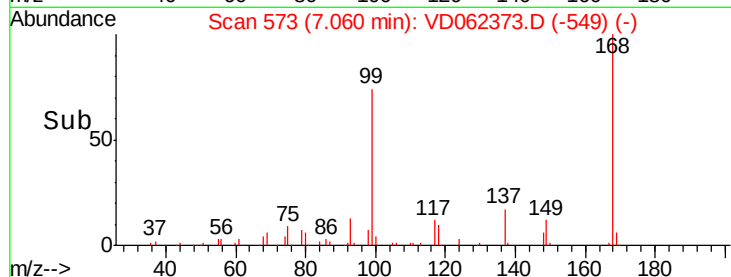
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.124 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

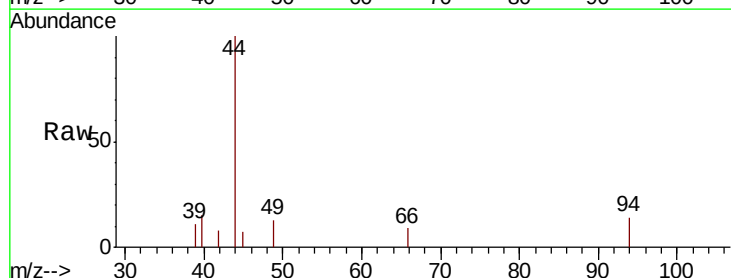
Tgt Ion: 94 Resp: 941

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

1000

800

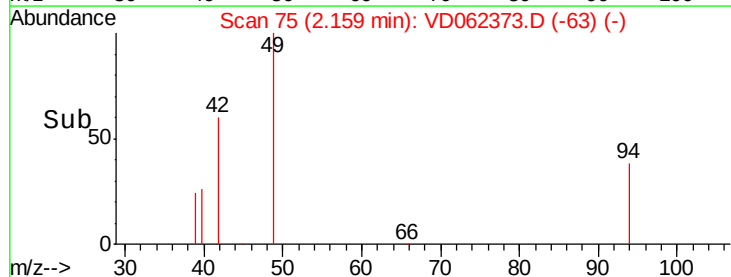
600

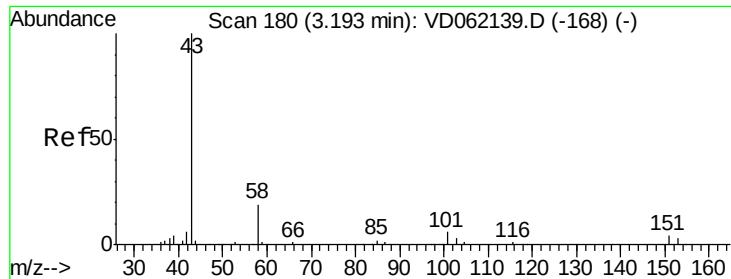
400

200

0

Time--> 2.14 2.16 2.18 2.20





#16

Acetone

Concen: 3.435 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

Instrument :

MSVOA_D

ClientSampleId :

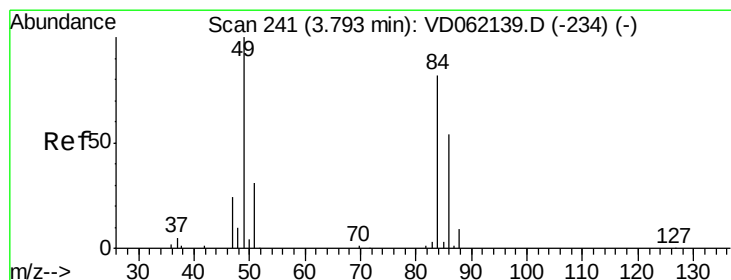
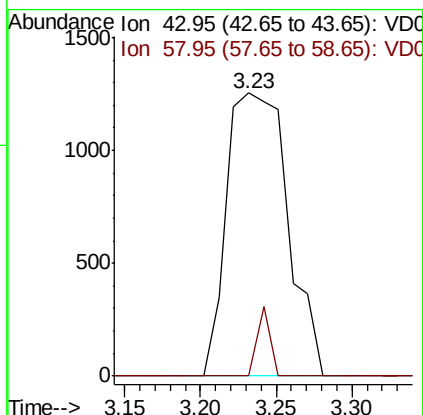
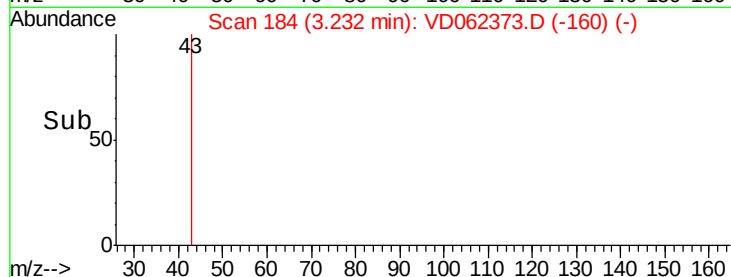
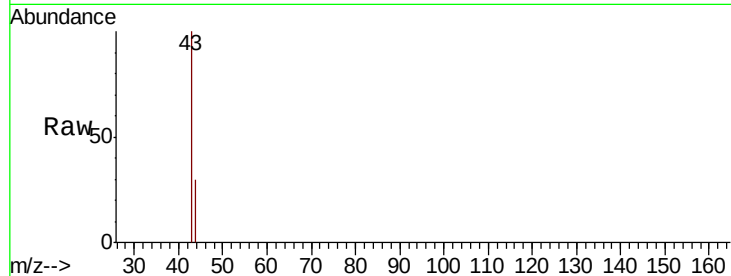
P026-SS017-1218-01RE

Tot Ion: 43 Resp: 3521

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#20

Methylene Chloride

Concen: 1.136 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.05 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

Tgt Ion: 84 Resp: 4864

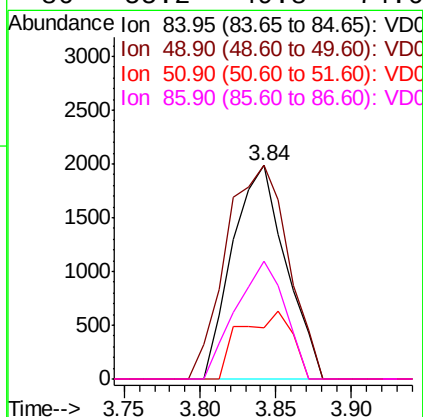
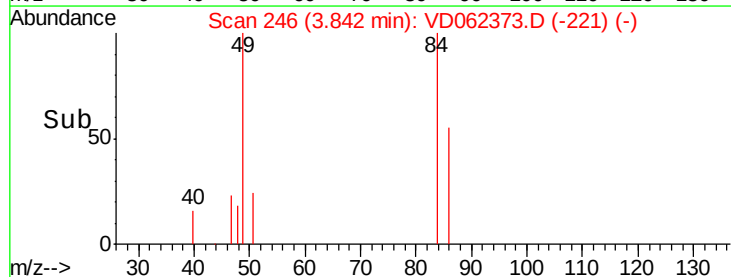
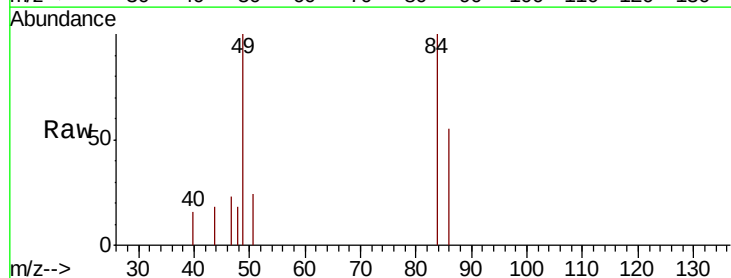
Ion Ratio Lower Upper

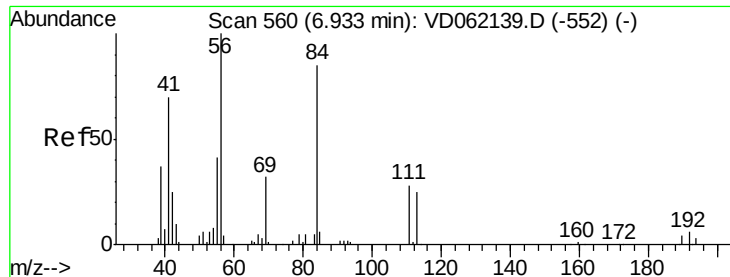
84 100

49 99.8 94.0 141.0

51 23.7 29.0 43.4#

86 55.2 49.8 74.6

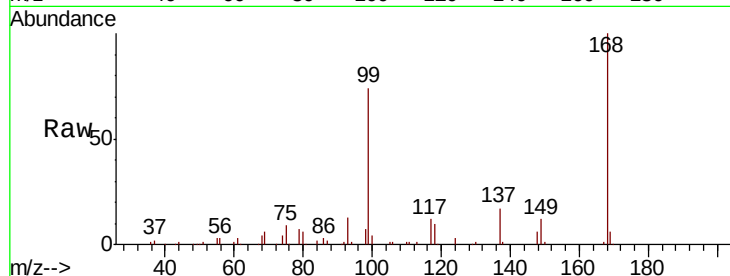




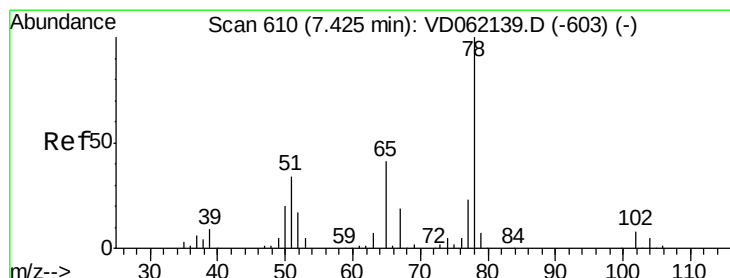
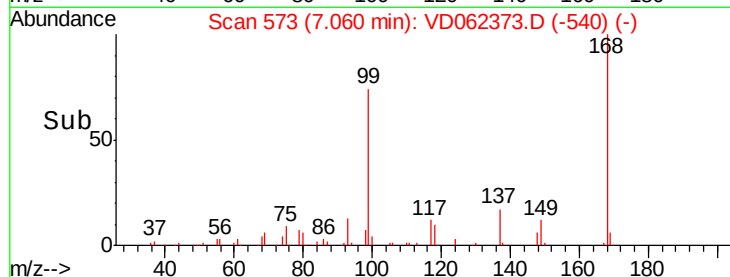
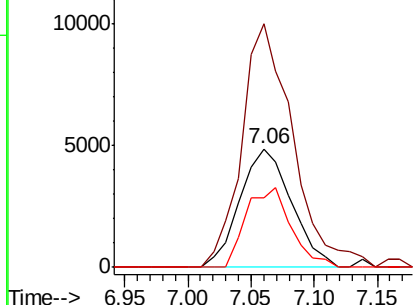
#31
Cyclohexane
Concen: 2.696 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062373.D
Acq: 15 May 2019 4:55

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-1218-01RE

Tot Ion: 56 Resp: 13828
Ion Ratio Lower Upper
56 100
69 206.0 25.8 38.6#
84 59.3 72.2 108.4#

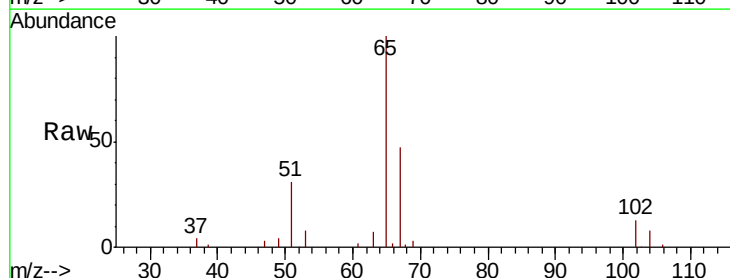


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

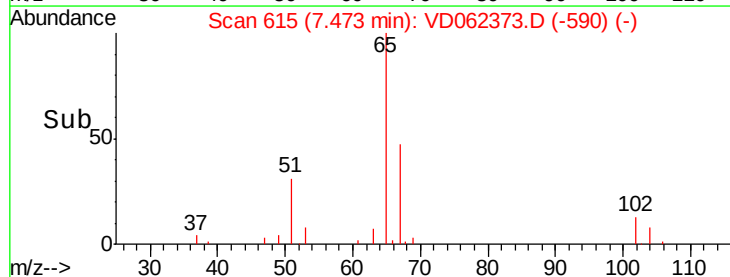
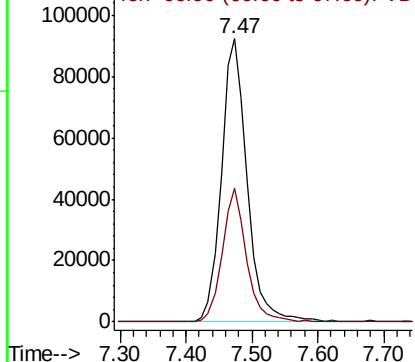


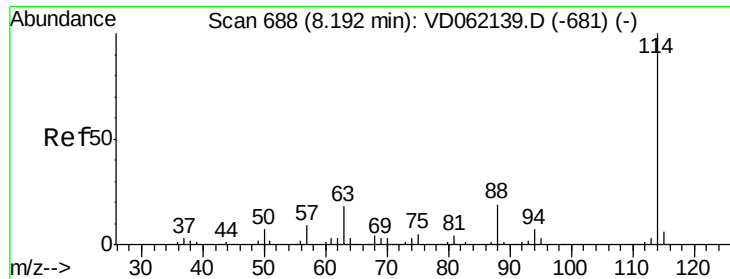
#33
1,2-Dichloroethane-d4
Concen: 51.358 ug/l
RT: 7.47 min Scan# 615
Delta R.T. 0.05 min
Lab File: VD062373.D
Acq: 15 May 2019 4:55

Tgt Ion: 65 Resp: 251029
Ion Ratio Lower Upper
65 100
67 47.1 0.0 98.0



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

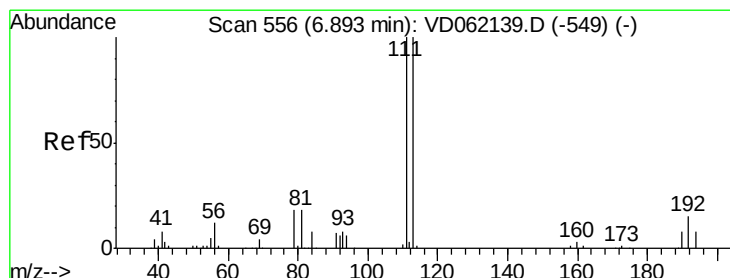
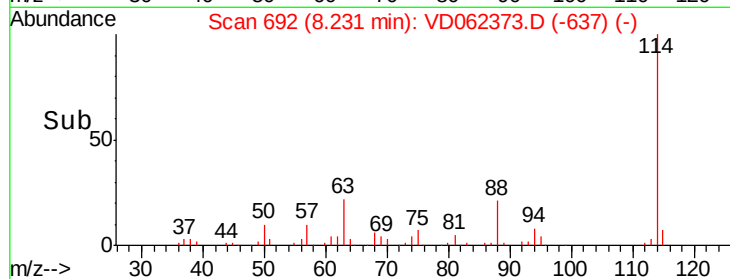
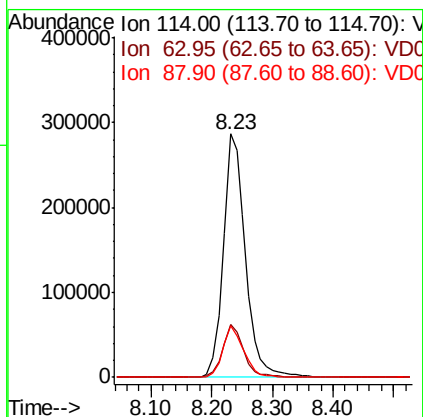
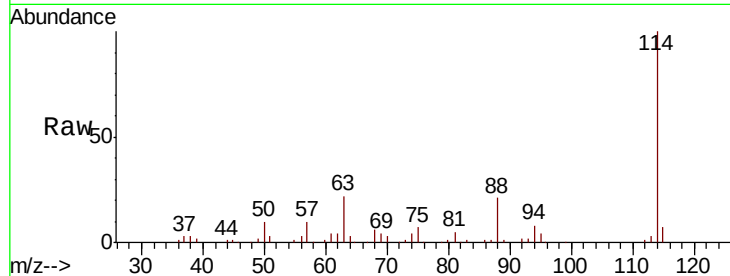




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062373.D
 Acq: 15 May 2019 4:55

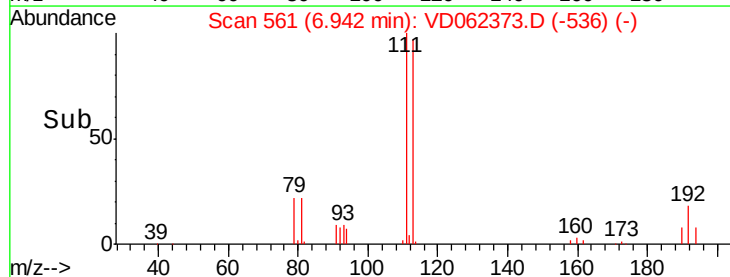
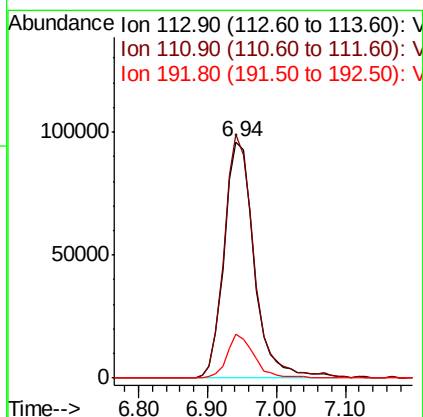
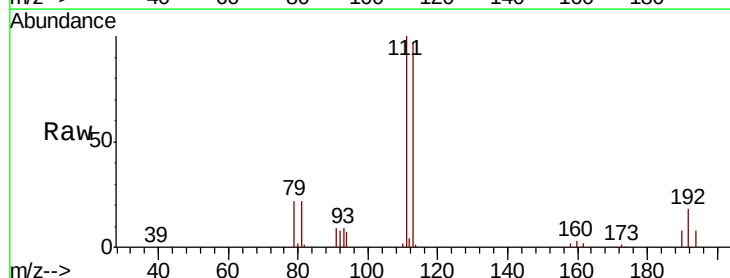
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-1218-01RE

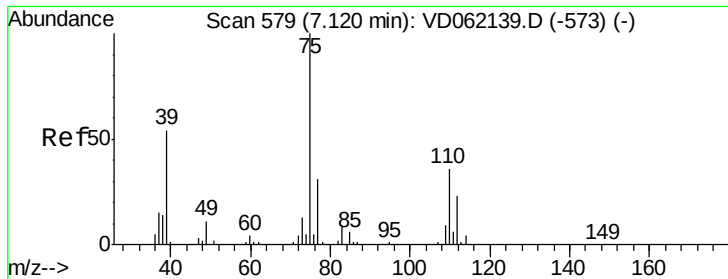
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	32.4
88	21.2	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 48.600 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062373.D
 Acq: 15 May 2019 4:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	78.5	117.7
192	18.5	13.0	19.4

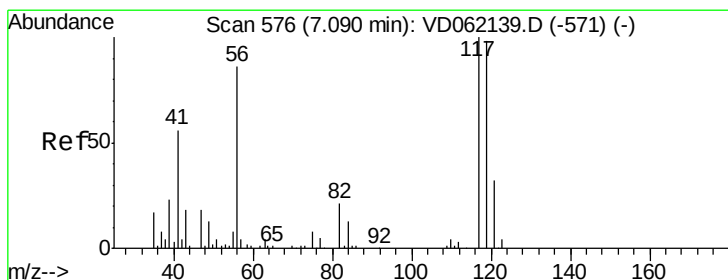
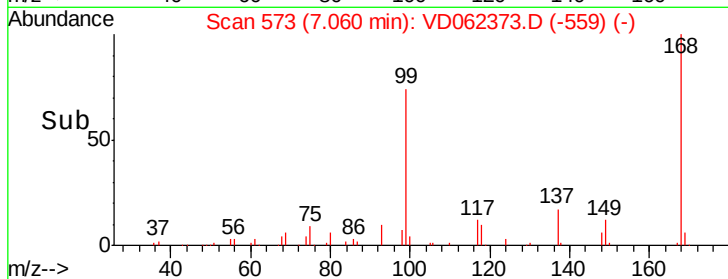
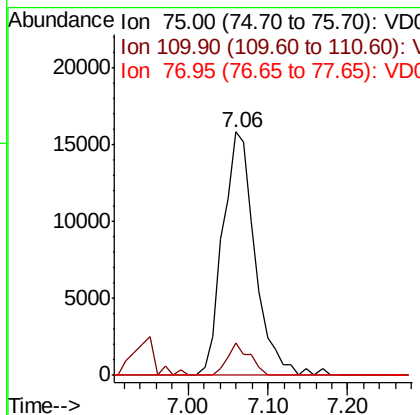
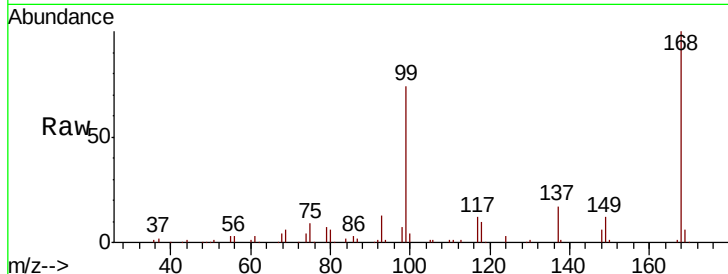




#36
 1,1-Dichloropropene
 Concen: 7.601 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD062373.D
 Acq: 15 May 2019 4:55

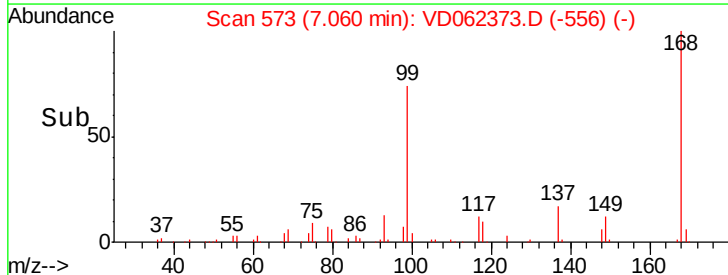
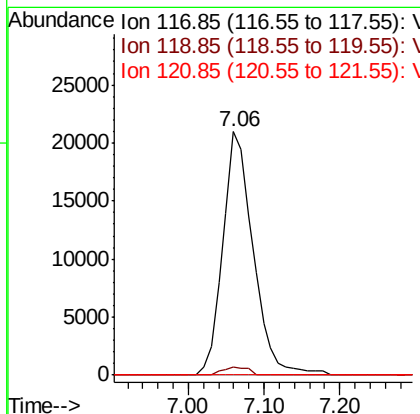
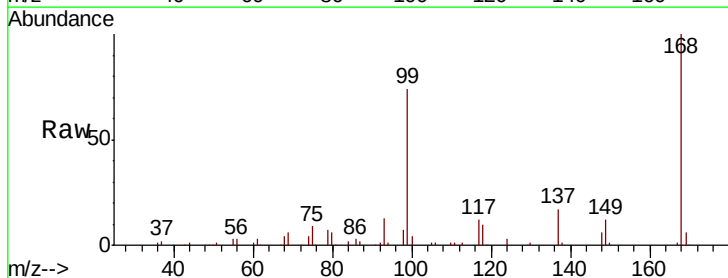
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-1218-01RE

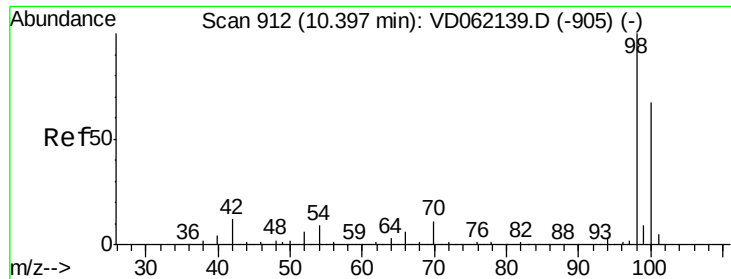
Tot Ion	Ratio	Lower	Upper
75	100		
110	13.4	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 7.109 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: VD062373.D
 Acq: 15 May 2019 4:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	75.8	113.8#
121	0.0	25.9	38.9#





#50

Toluene-d8

Concen: 28.449 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

Instrument :

MSVOA_D

ClientSampleId :

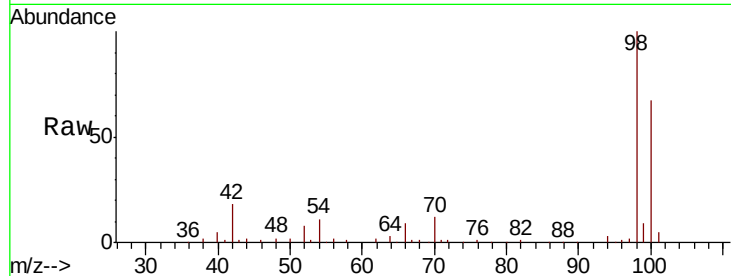
P026-SS017-1218-01RE

Tot Ion: 98 Resp: 410997

Ion Ratio Lower Upper

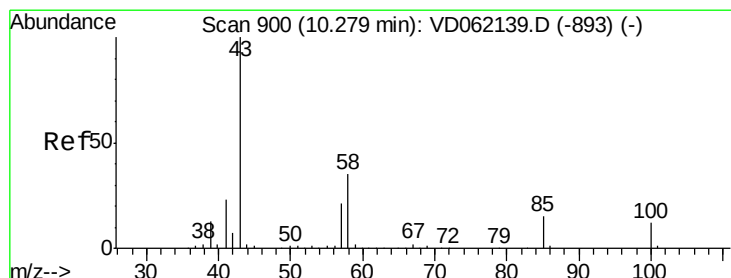
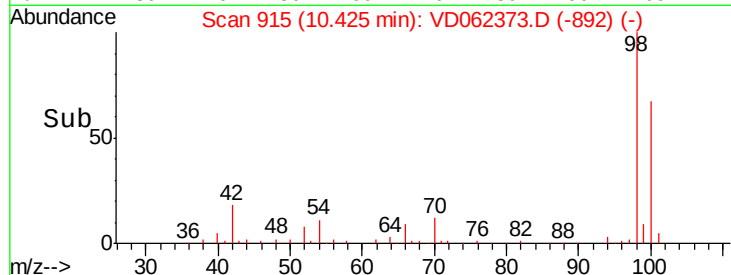
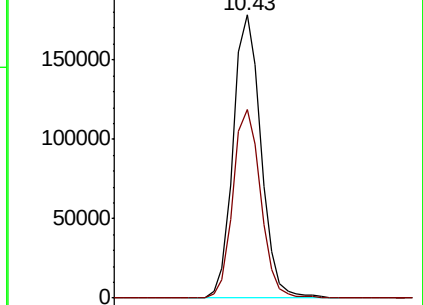
98 100

100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062373.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062373.D (-905) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.066 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.14 min

Lab File: VD062373.D

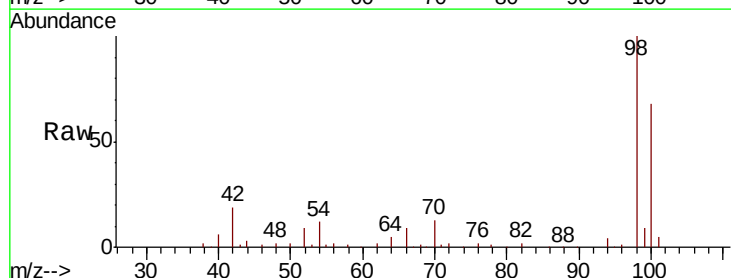
Acq: 15 May 2019 4:55

Tgt Ion: 43 Resp: 2440

Ion Ratio Lower Upper

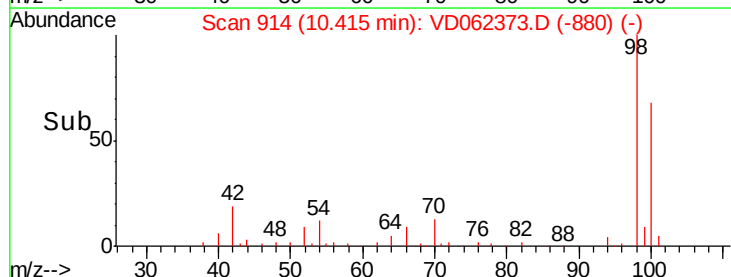
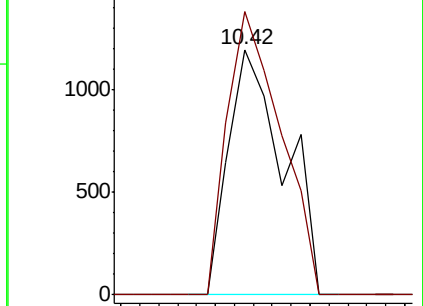
43 100

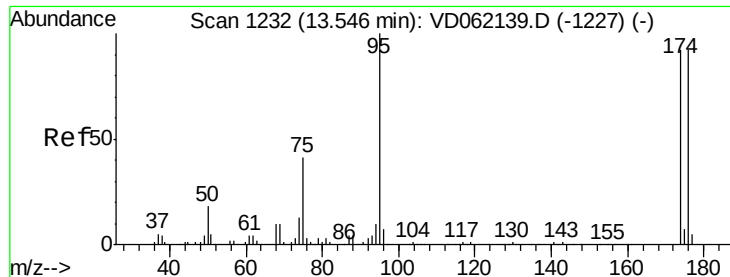
58 115.3 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD062373.D (-880) (-)

Ion 57.95 (57.65 to 58.65): VD062373.D (-880) (-)

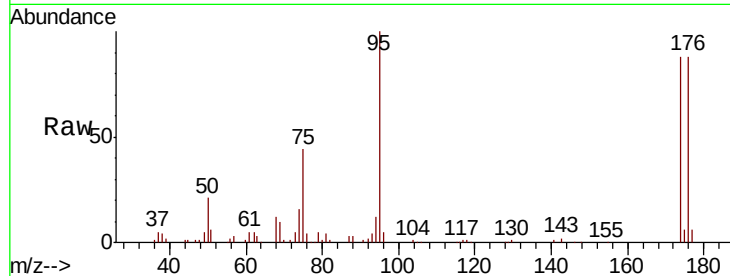




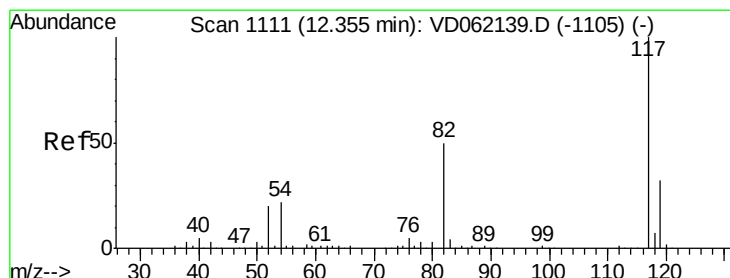
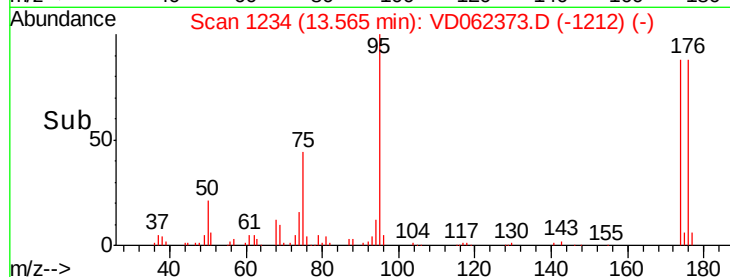
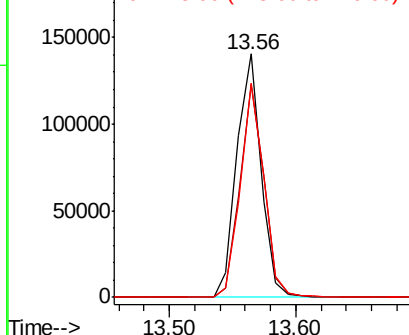
#62
4-Bromofluorobenzene
Concen: 32.085 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062373.D
Acq: 15 May 2019 4:55

Instrument :
MSVOA_D
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P026-SS017-1218-01RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	181.8
176	88.1	0.0	174.4

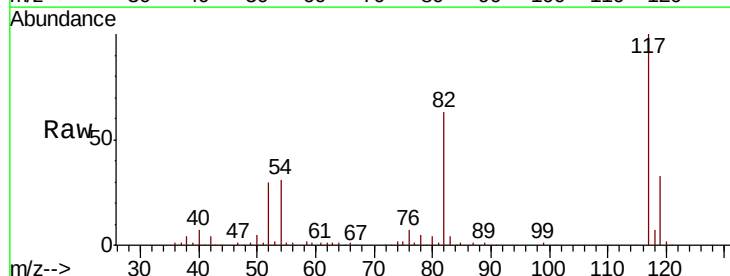


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

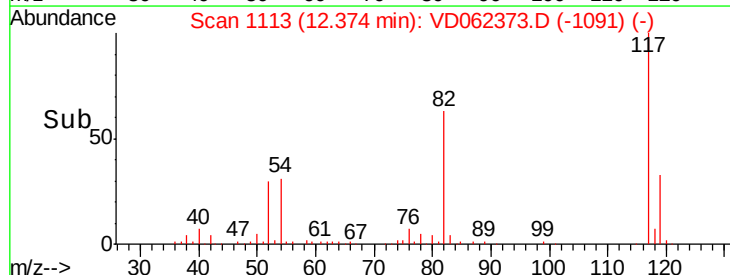
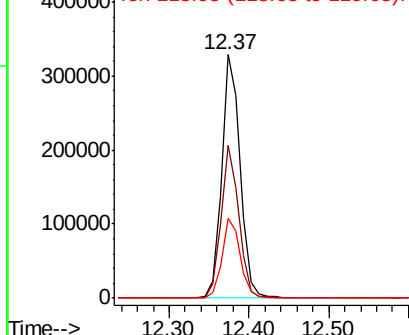


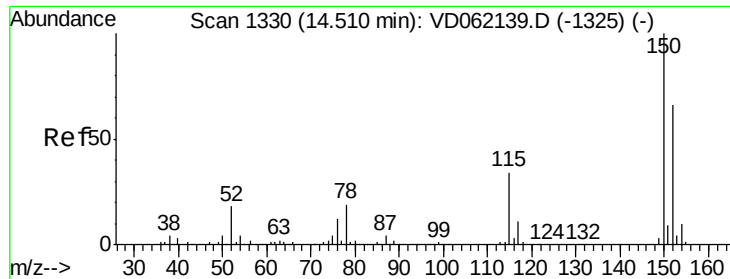
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062373.D
Acq: 15 May 2019 4:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.9	36.2	54.2#
119	32.9	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

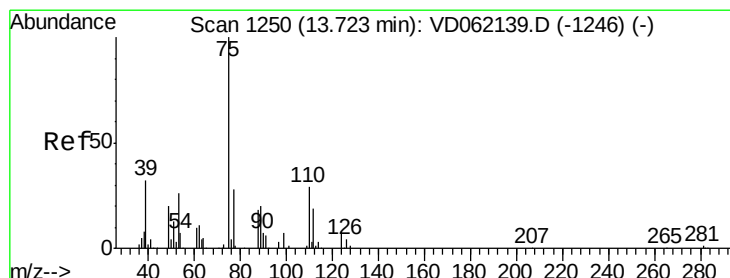
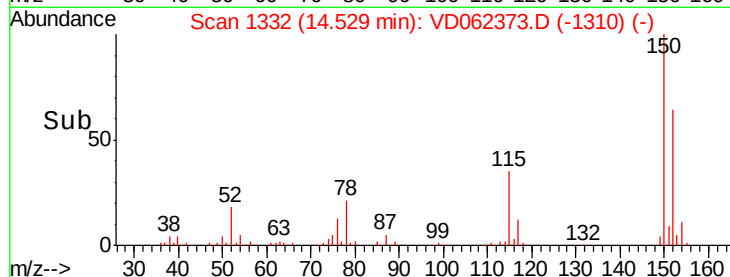
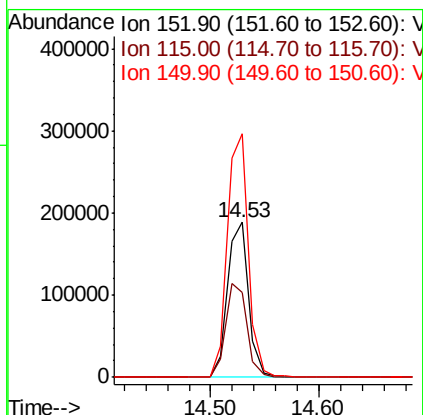
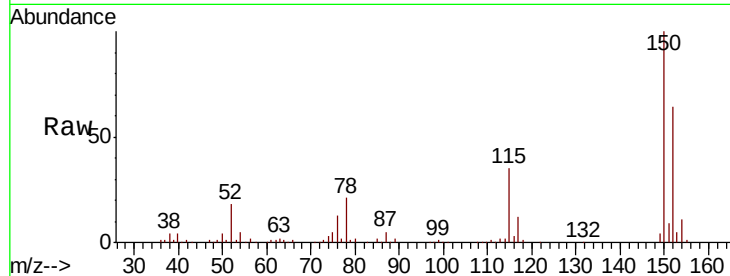




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: VD062373.D
 Acq: 15 May 2019 4:55

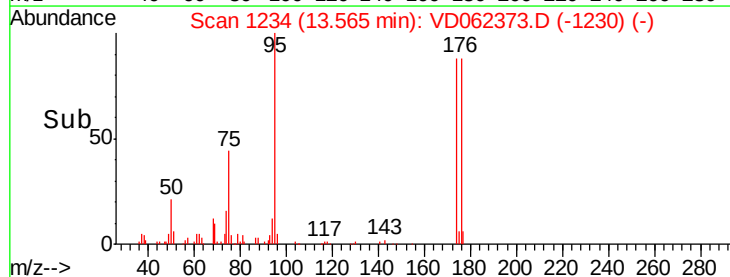
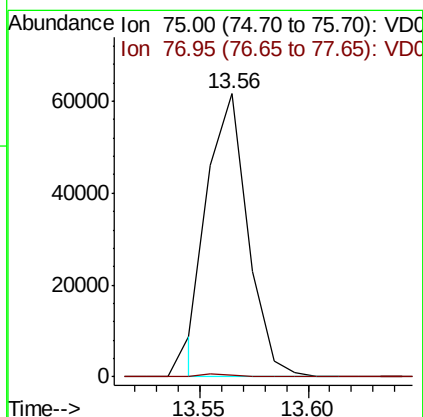
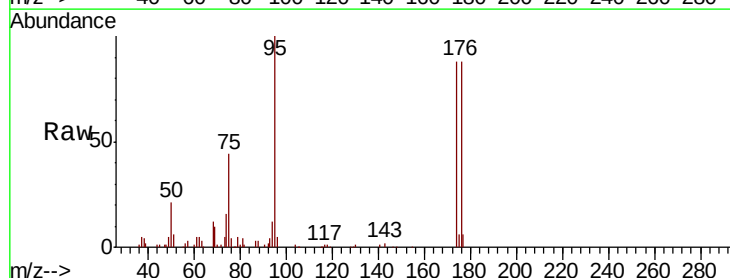
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-1218-01RE

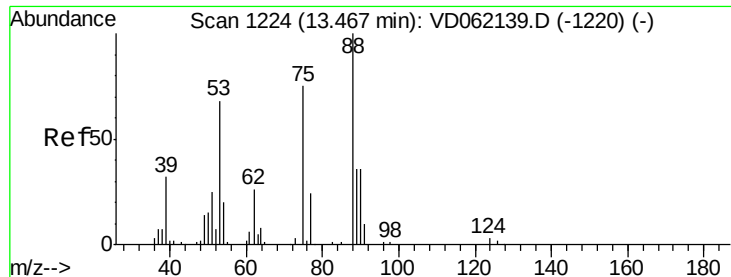
Tot Ion:152 Resp: 255602
 Ion Ratio Lower Upper
 152 100
 115 54.8 30.9 92.7
 150 157.1 0.0 314.8



#76
 1,2,3-Trichloropropane
 Concen: 26.275 ug/l
 RT: 13.56 min Scan# 1234
 Delta R.T. -0.16 min
 Lab File: VD062373.D
 Acq: 15 May 2019 4:55

Tgt Ion: 75 Resp: 79815
 Ion Ratio Lower Upper
 75 100
 77 0.8 16.4 49.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 98.995 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-1218-01RE

Tot Ion: 75 Resp: 84892

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

