

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062427.D
 Acq On : 16 May 2019 19:47
 Operator : FY/SY
 Sample : K2865-09RE
 Misc : 4.37g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-D1RE

Quant Time: May 17 02:31:15 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

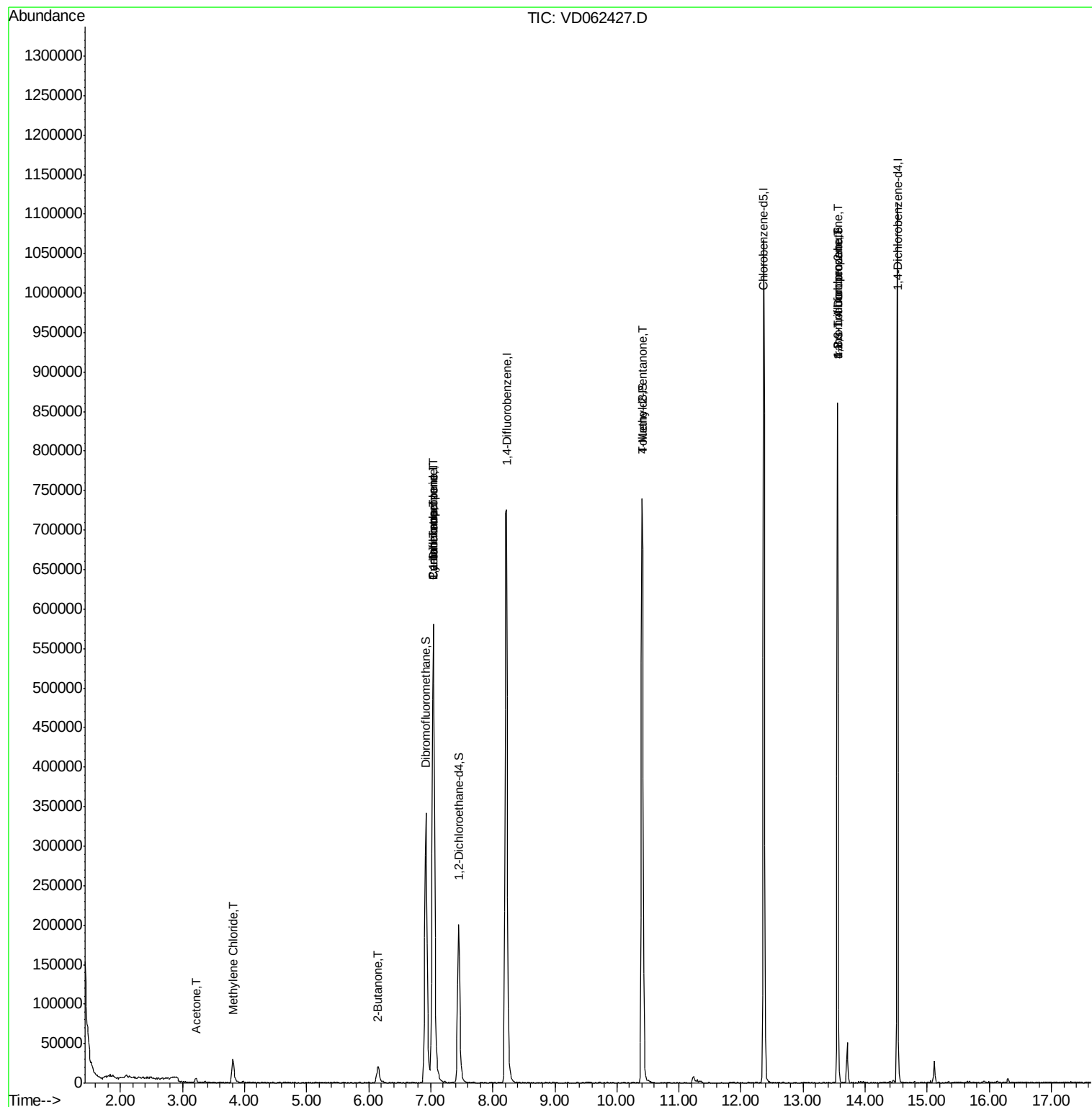
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	567536	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	817831	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	597870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	240711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	226731	42.99	ug/l	0.03
Spiked Amount	50.000		Recovery	=	85.98%	
35) Dibromofluoromethane	6.92	113	293998	43.33	ug/l	0.03
Spiked Amount	50.000		Recovery	=	86.66%	
50) Toluene-d8	10.41	98	629588	38.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.96%	
62) 4-Bromofluorobenzene	13.55	95	227261	34.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.18%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	9874	8.927	ug/l #	87
20) Methylene Chloride	3.81	84	19633	4.251	ug/l	92
25) 2-Butanone	6.15	43	1541	1.277	ug/l #	56
31) Cyclohexane	7.04	56	11825	2.137	ug/l #	8
36) 1,1-Dichloropropene	7.04	75	44895	6.695	ug/l #	46
38) Carbon Tetrachloride	7.04	117	57660	6.213	ug/l #	16
51) 4-Methyl-2-Pentanone	10.41	43	2672	1.031	ug/l #	1
76) 1,2,3-Trichloropropane	13.55	75	72255	25.258	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	100029	123.863	ug/l #	16

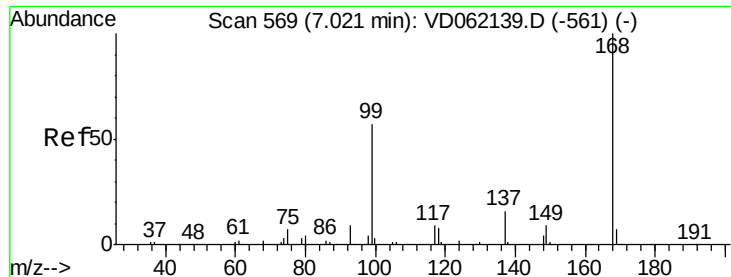
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

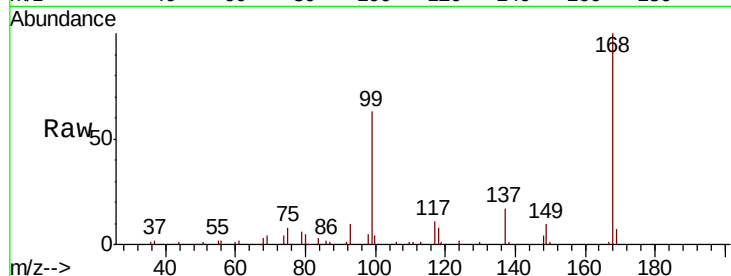
TP-22-D1RE

Tot Ion:168 Resp: 567536

Ion Ratio Lower Upper

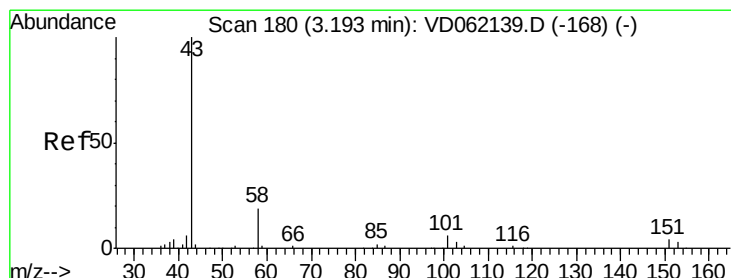
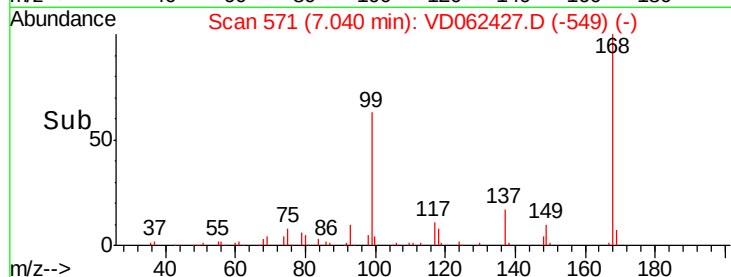
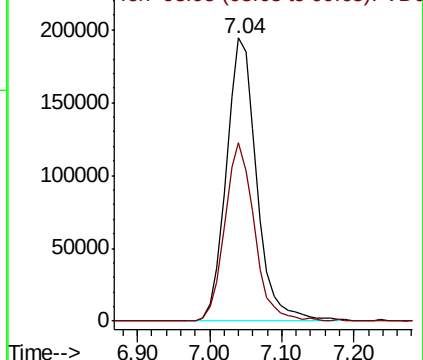
168 100

99 63.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 8.927 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062427.D

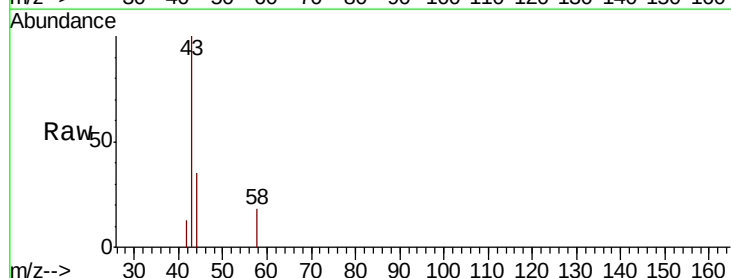
Acq: 16 May 2019 19:47

Tgt Ion: 43 Resp: 9874

Ion Ratio Lower Upper

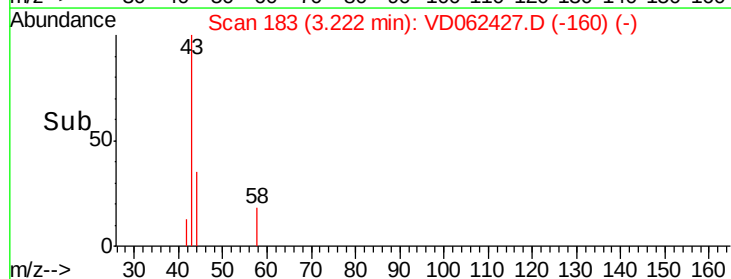
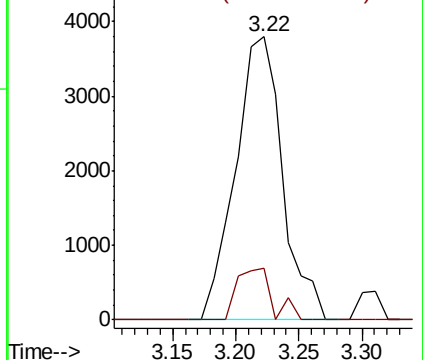
43 100

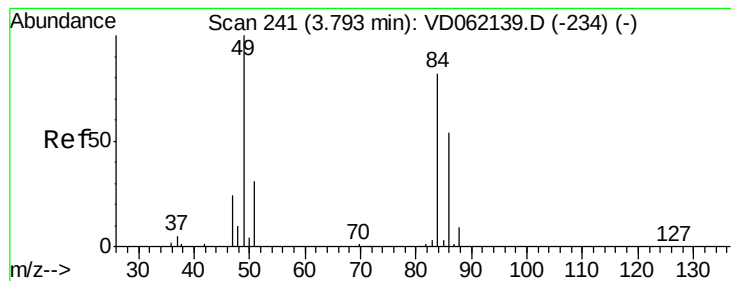
58 18.3 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 4.251 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

TP-22-D1RE

Tot Ion: 84 Resp: 19633

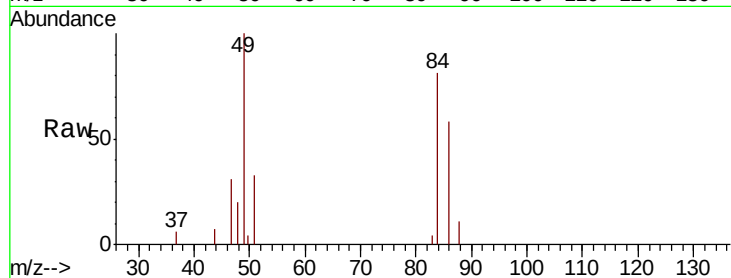
Ion Ratio Lower Upper

84 100

49 123.7 94.0 141.0

51 40.3 29.0 43.4

86 71.5 49.8 74.6

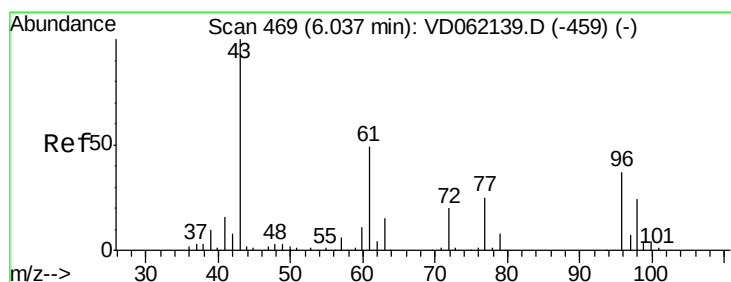
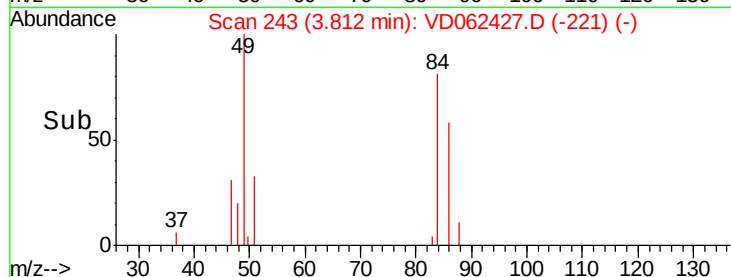
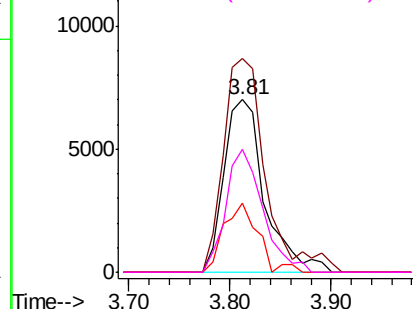


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#25

2-Butanone

Concen: 1.277 ug/l

RT: 6.15 min Scan# 481

Delta R.T. 0.12 min

Lab File: VD062427.D

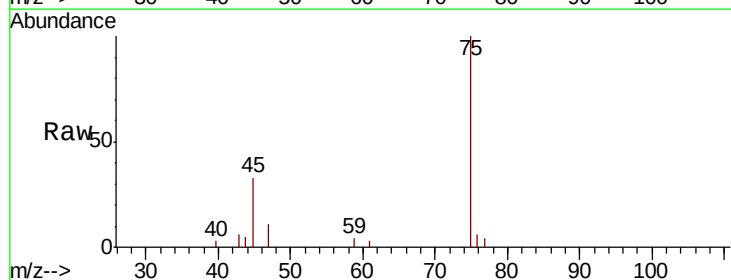
Acq: 16 May 2019 19:47

Tgt Ion: 43 Resp: 1541

Ion Ratio Lower Upper

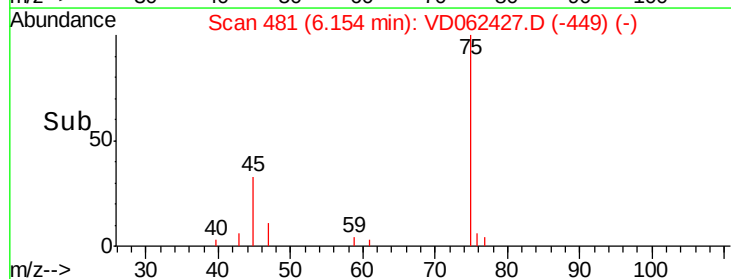
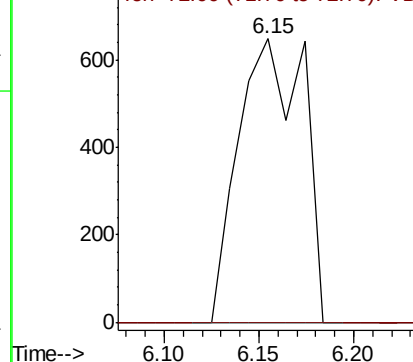
43 100

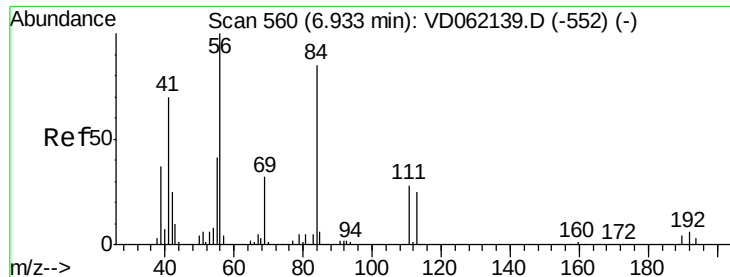
72 0.0 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

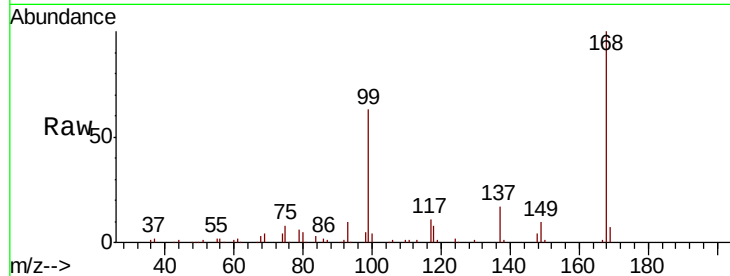




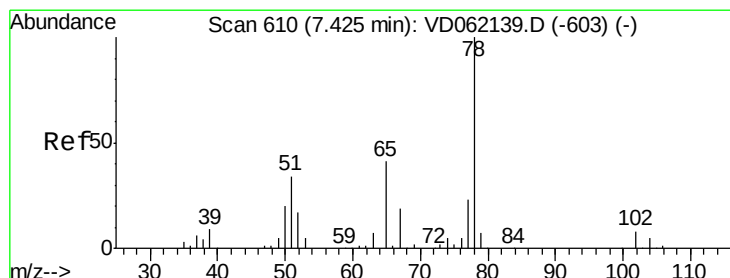
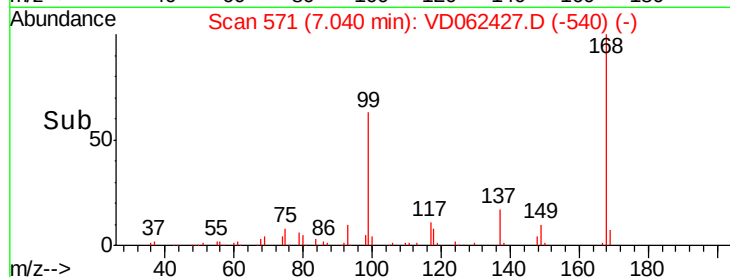
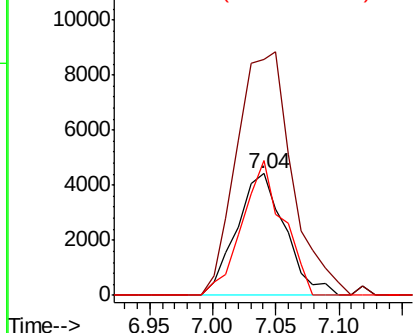
#31
Cyclohexane
Concen: 2.137 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD062427.D
Acq: 16 May 2019 19:47

Instrument :
MSVOA_D
ClientSampleId :
TP-22-D1RE

Tot Ion: 56 Resp: 11825
Ion Ratio Lower Upper
56 100
69 194.4 25.8 38.6#
84 110.8 72.2 108.4#

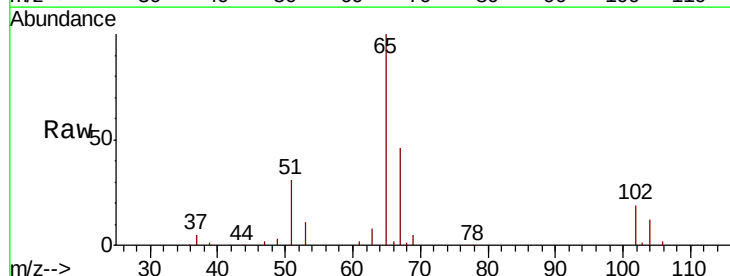


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

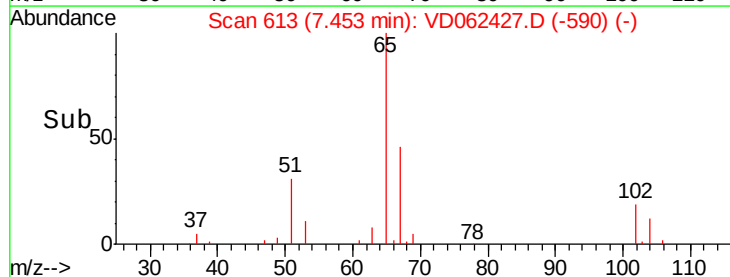
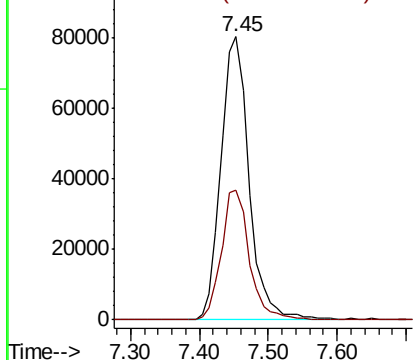


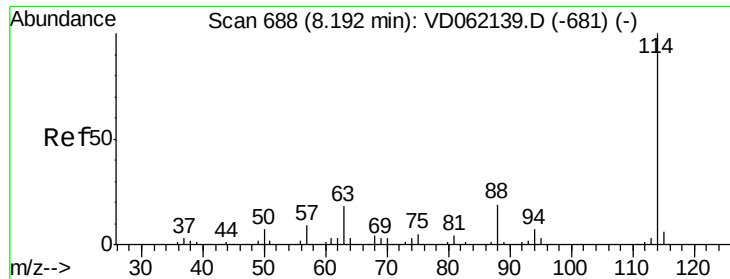
#33
1,2-Dichloroethane-d4
Concen: 42.989 ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062427.D
Acq: 16 May 2019 19:47

Tgt Ion: 65 Resp: 226731
Ion Ratio Lower Upper
65 100
67 45.8 0.0 98.0



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

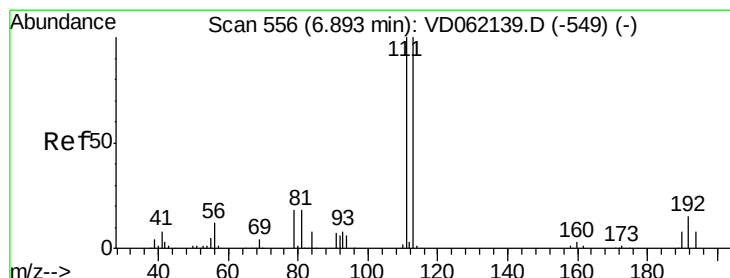
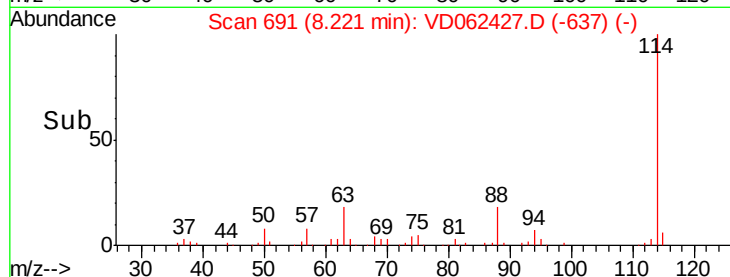
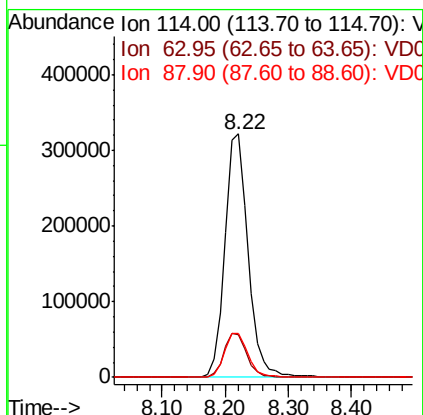
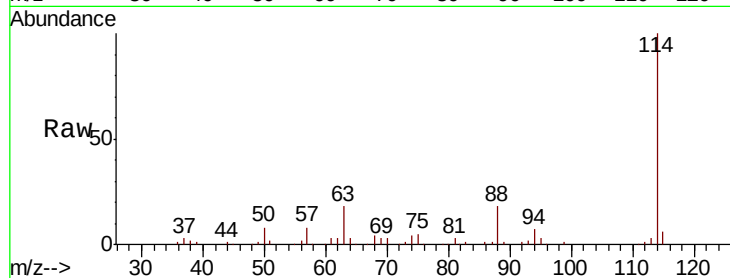




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

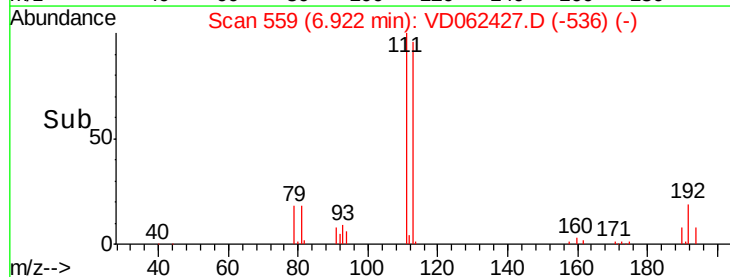
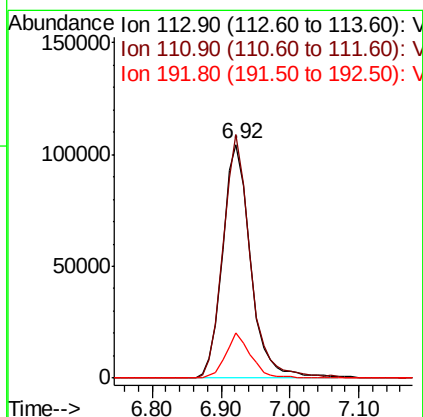
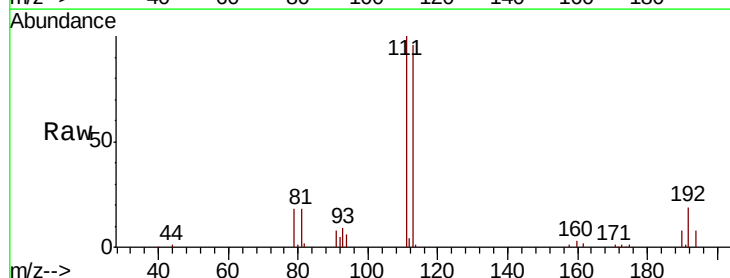
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-D1RE

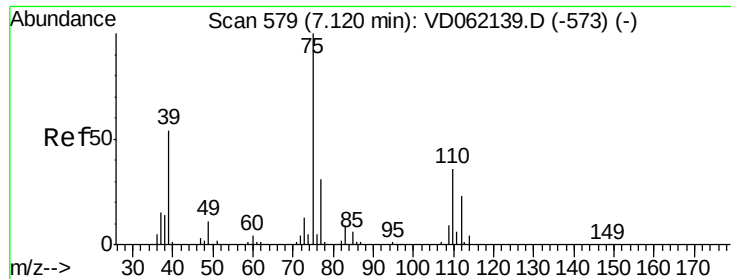
Tot Ion:114 Resp: 817831
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 32.4
 88 18.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 43.327 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

Tgt Ion:113 Resp: 293998
 Ion Ratio Lower Upper
 113 100
 111 104.0 78.5 117.7
 192 19.5 13.0 19.4#

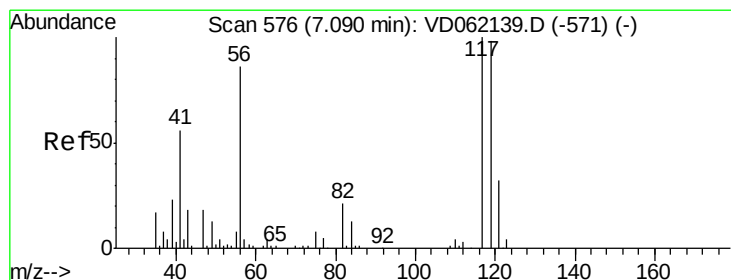
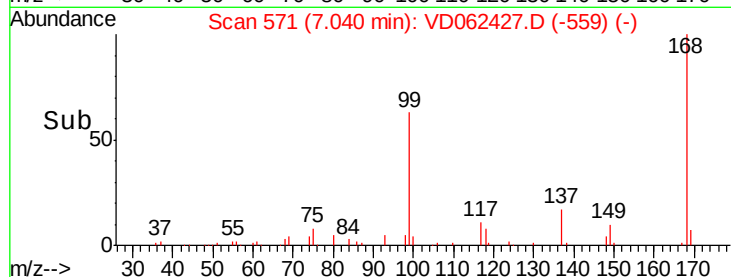
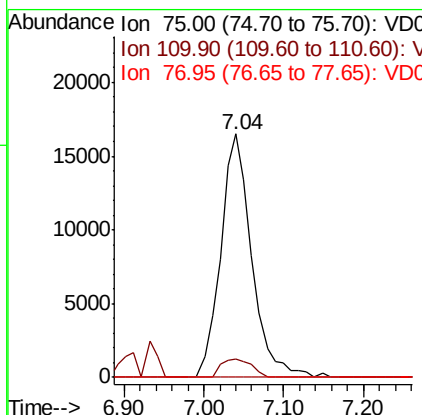
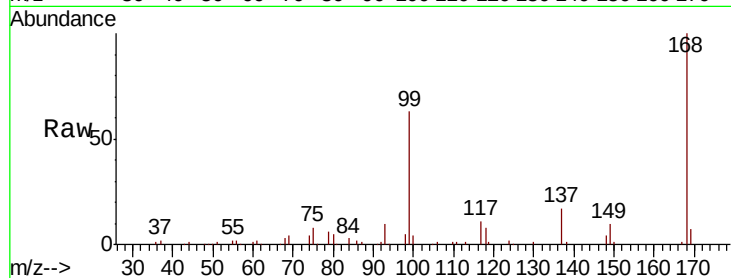




#36
 1,1-Dichloropropene
 Concen: 6.695 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

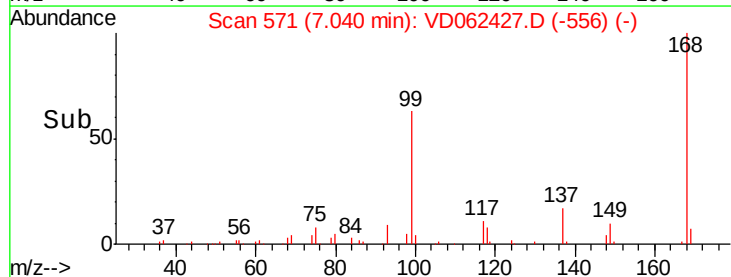
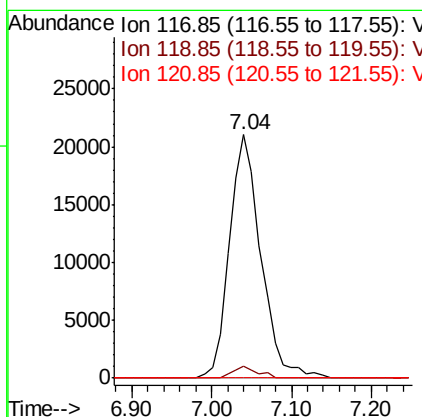
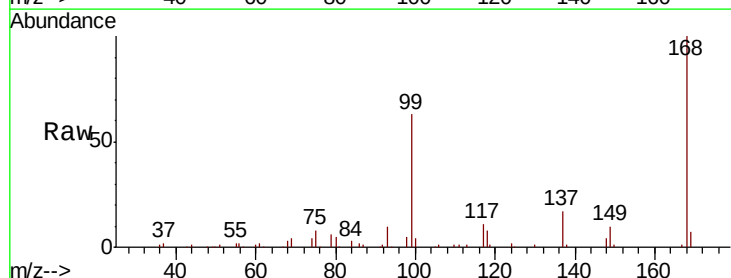
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-D1RE

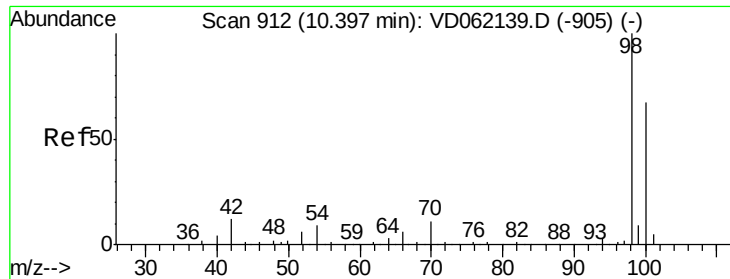
Tot Ion	75	Resp	44895
Ion Ratio	Lower	Upper	
75	100		
110	7.3	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.213 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.05 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

Tgt Ion	117	Resp	57660
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	4.7	75.8	113.8#
121	0.0	25.9	38.9#

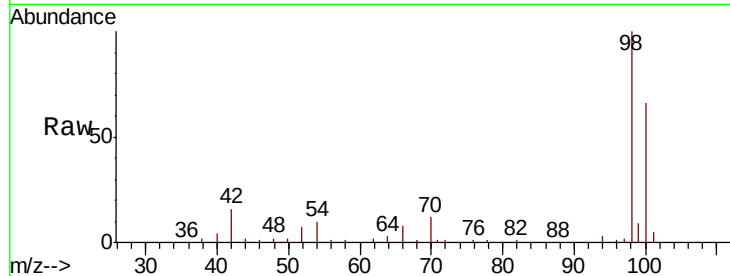




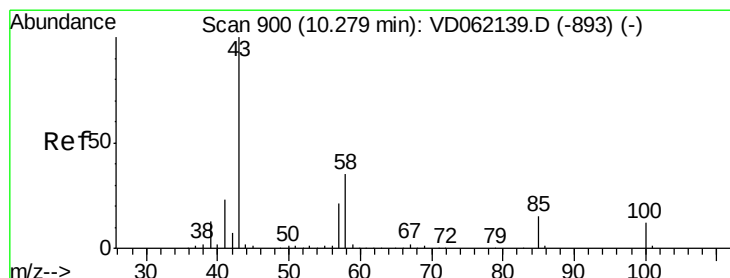
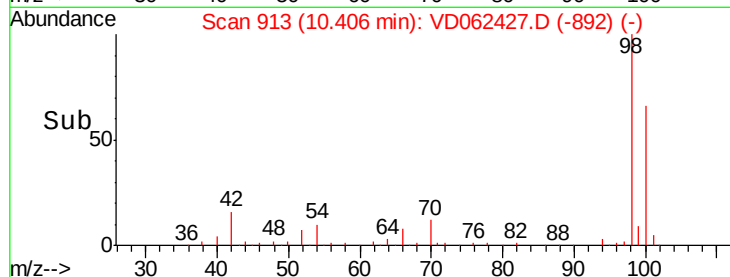
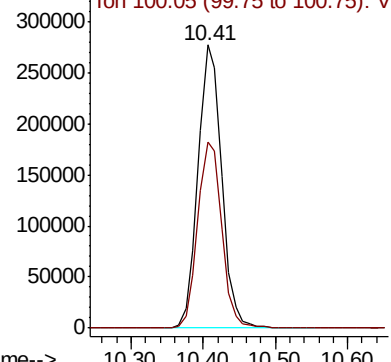
#50
Toluene-d8
Concen: 38.482 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062427.D
Acq: 16 May 2019 19:47

Instrument :
MSVOA_D
ClientSampleId :
TP-22-D1RE

Tot Ion: 98 Resp: 629588
Ion Ratio Lower Upper
98 100
100 65.6 53.8 80.8

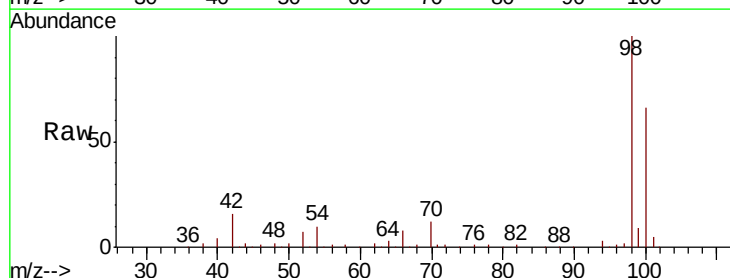


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

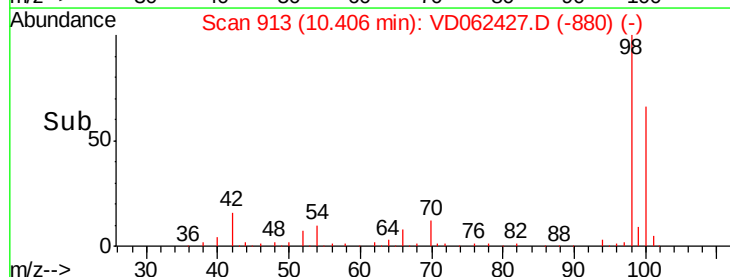
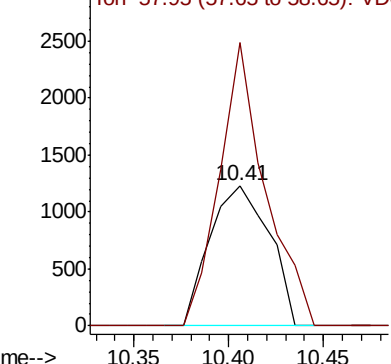


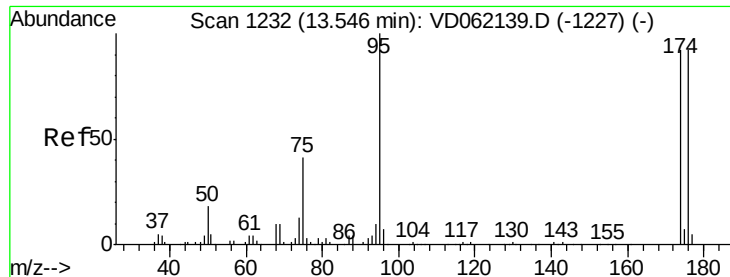
#51
4-Methyl-2-Pentanone
Concen: 1.031 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.13 min
Lab File: VD062427.D
Acq: 16 May 2019 19:47

Tgt Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
58 201.3 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: 34.591 ug/l

RT: 13.55 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

TP-22-D1RE

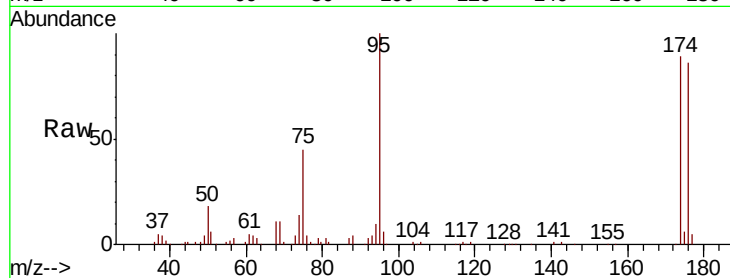
Tot Ion: 95 Resp: 227261

Ion Ratio Lower Upper

95 100

174 88.7 0.0 181.8

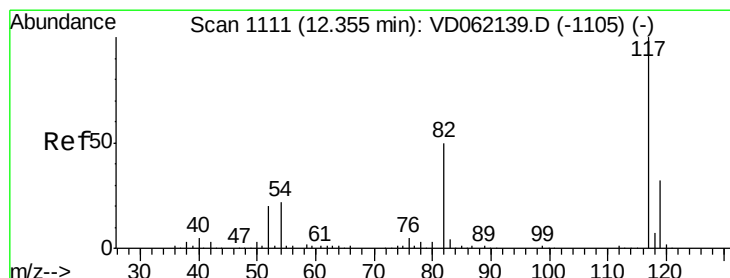
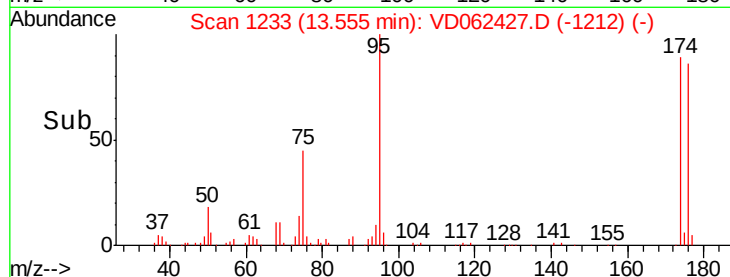
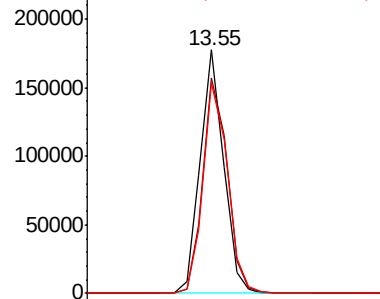
176 86.2 0.0 174.4



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: 12.36 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

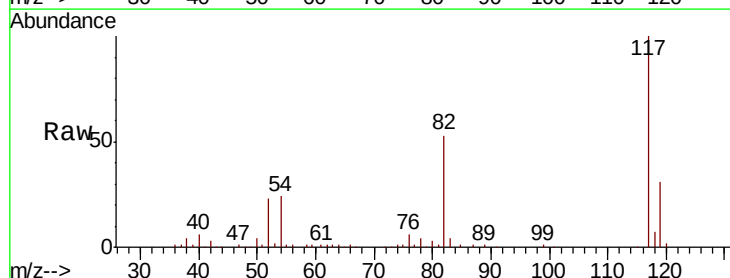
Tgt Ion: 117 Resp: 597870

Ion Ratio Lower Upper

117 100

82 53.1 36.2 54.2

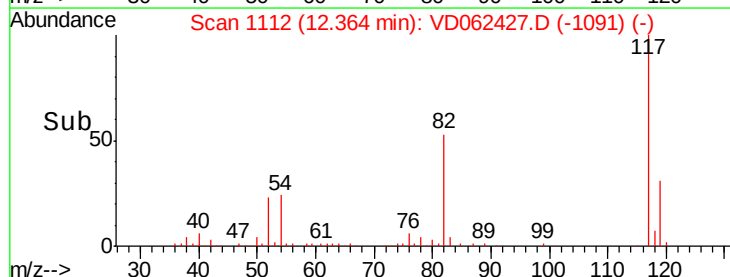
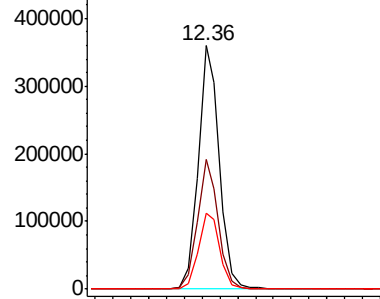
119 31.1 26.2 39.4

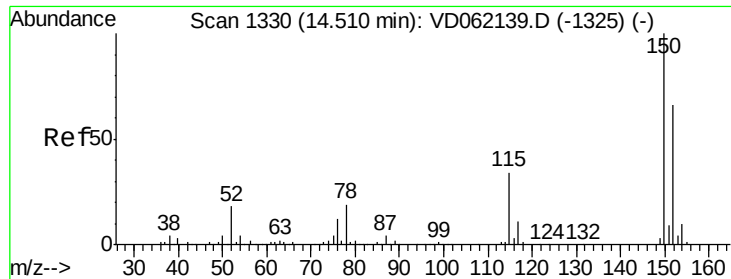


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

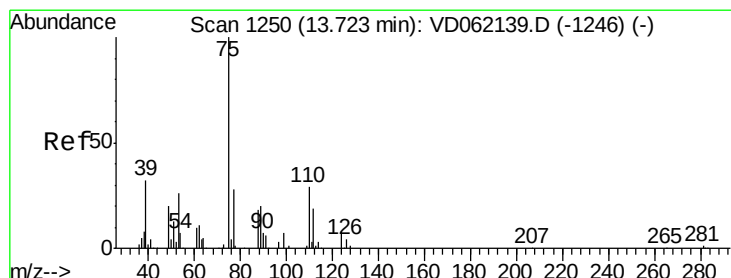
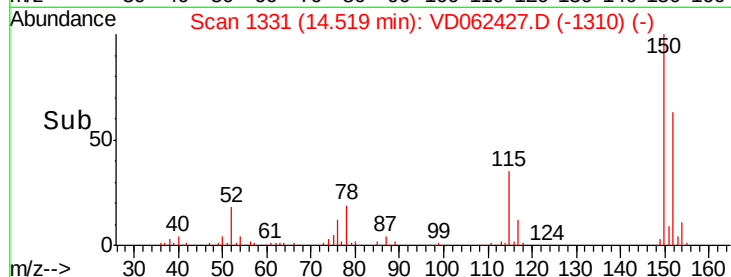
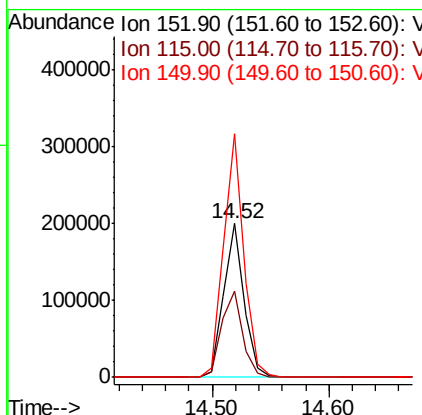
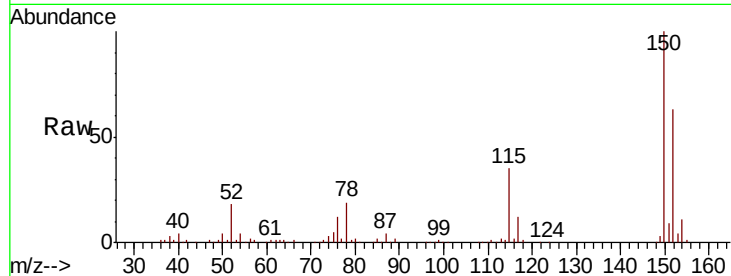




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

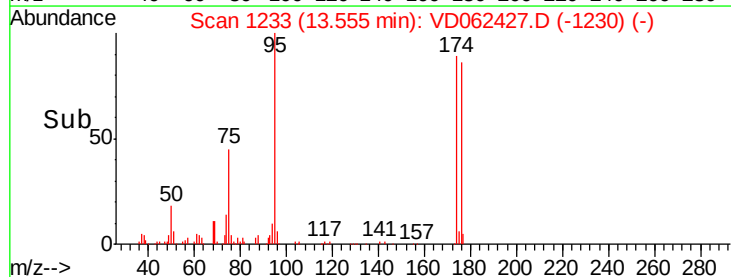
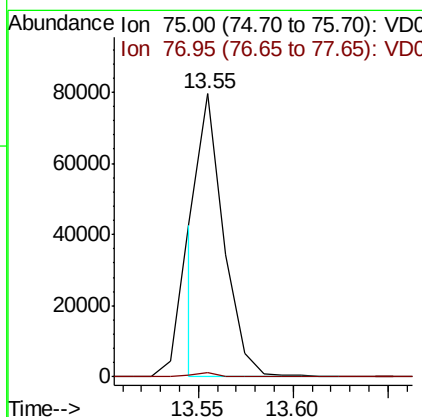
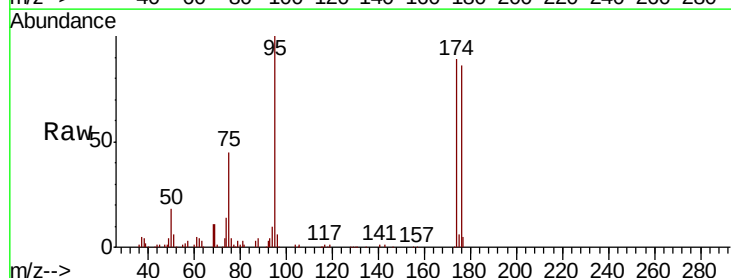
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-D1RE

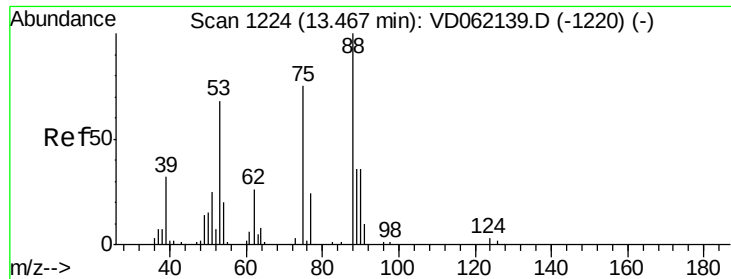
Tot Ion:152 Resp: 240711
 Ion Ratio Lower Upper
 152 100
 115 56.0 30.9 92.7
 150 158.4 0.0 314.8



#76
 1,2,3-Trichloropropane
 Concen: 25.258 ug/l
 RT: 13.55 min Scan# 1233
 Delta R.T. -0.17 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

Tgt Ion: 75 Resp: 72255
 Ion Ratio Lower Upper
 75 100
 77 1.5 16.4 49.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 123.863 ug/l

RT: 13.55 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

TP-22-D1RE

Tot Ion: 75 Resp: 100029

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

