

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
 Data File : VD063642.D
 Acq On : 16 Aug 2019 17:10
 Operator : JC/SY
 Sample : K4389-03
 Misc : 5.13g/5ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E3(2)

Quant Time: Aug 17 06:02:30 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	848079	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1172896	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	818053	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	234332	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	538947	59.45	ug/l	-0.02
Spiked Amount			Recovery	=	118.90%	
35) Dibromofluoromethane	6.91	113	547766	55.45	ug/l	-0.02
Spiked Amount			Recovery	=	110.90%	
50) Toluene-d8	10.41	98	993537	45.75	ug/l	-0.01
Spiked Amount			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	13.55	95	314769	31.98	ug/l	-0.01
Spiked Amount			Recovery	=	63.96%	

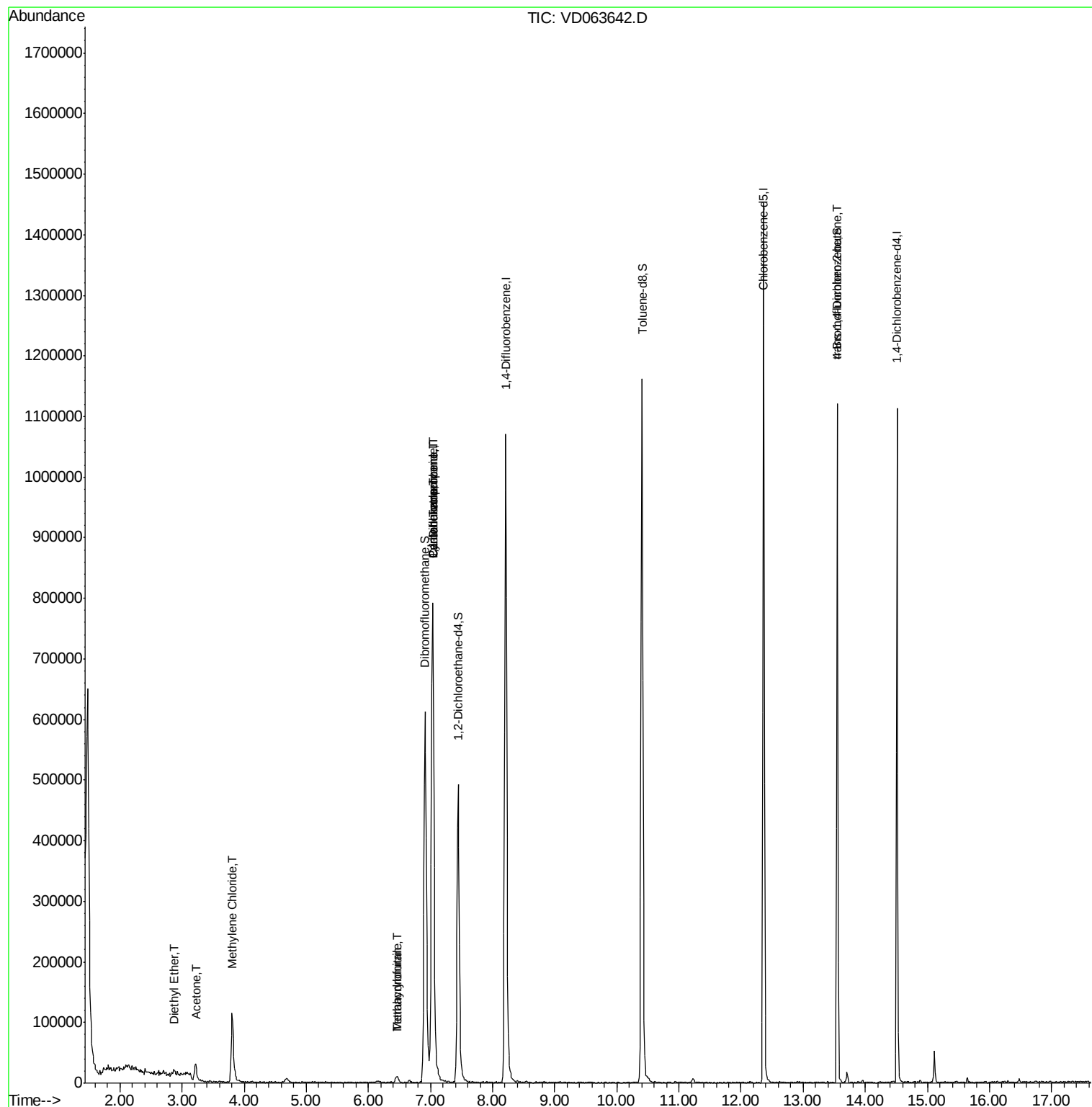
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.87	74	3020	1.370	ug/l	72
16) Acetone	3.22	43	52212	28.333	ug/l	94
20) Methylene Chloride	3.80	84	69879	8.769	ug/l	93
29) Tetrahydrofuran	6.46	42	7837	9.241	ug/l #	90
31) Cyclohexane	7.03	56	19227	2.349	ug/l #	8
36) 1,1-Dichloropropene	7.03	75	60880	5.872	ug/l #	53
38) Carbon Tetrachloride	7.03	117	78648	5.033	ug/l #	18
41) Methacrylonitrile	6.46	41	7979	1.459	ug/l #	86
81) trans-1,4-Dichloro-2-buten	13.55	75	148967	206.089	ug/l #	1

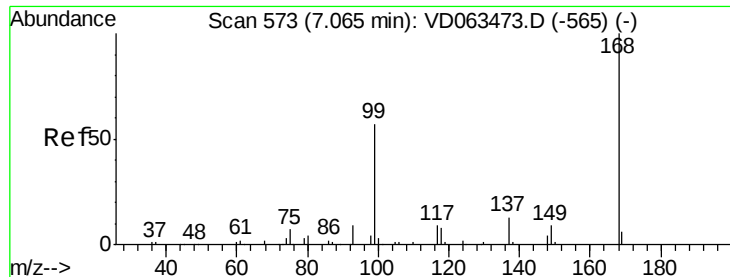
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
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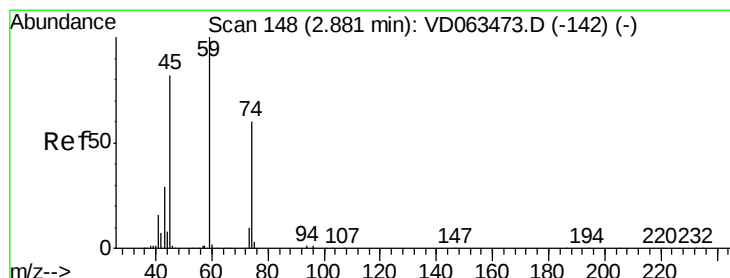
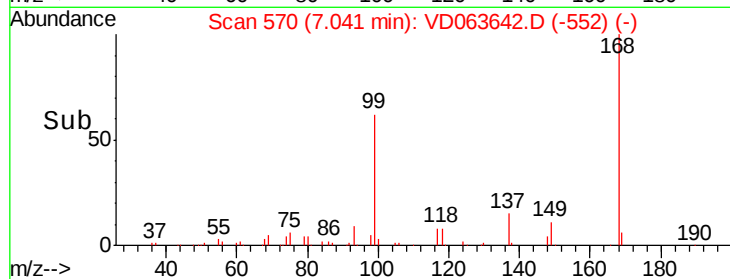
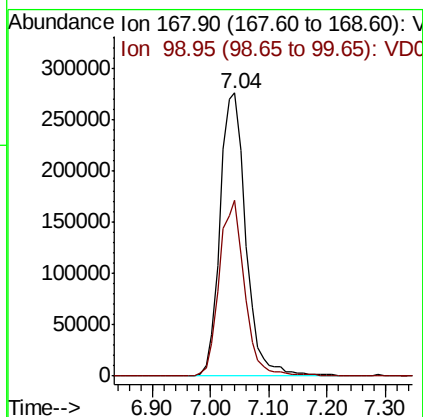
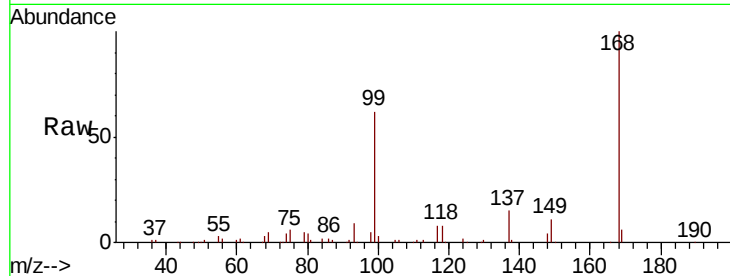




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

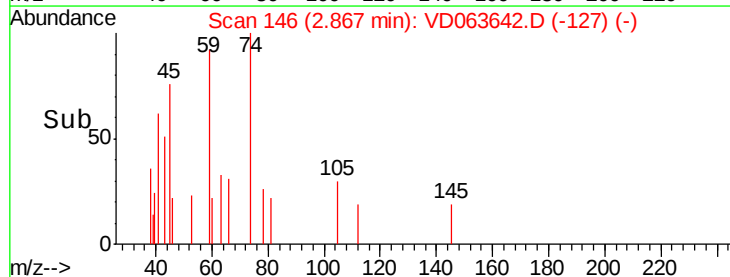
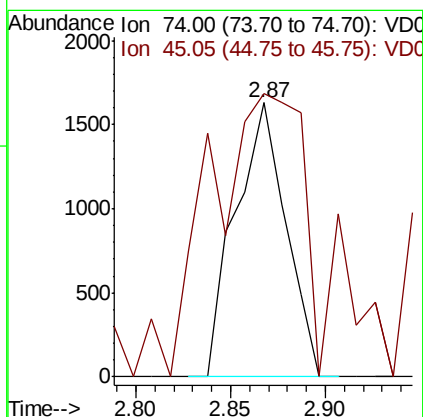
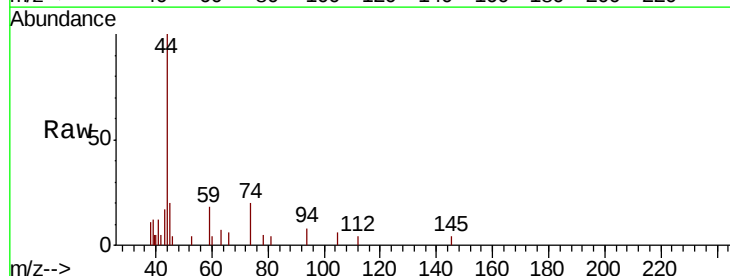
Instrument :
MSVOA_D
ClientSampleId :
T6-E3(2)

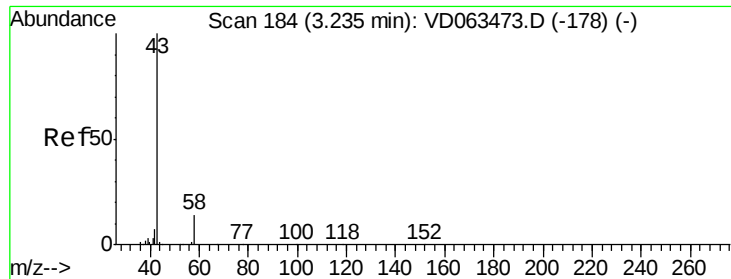
Tgt Ion:168 Resp: 848079
Ion Ratio Lower Upper
168 100
99 62.0 46.7 70.1



#8
Diethyl Ether
Concen: 1.370 ug/l
RT: 2.87 min Scan# 146
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion: 74 Resp: 3020
Ion Ratio Lower Upper
74 100
45 103.3 68.5 205.5





#16

Acetone

Concen: 28.333 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063642.D

Acq: 16 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

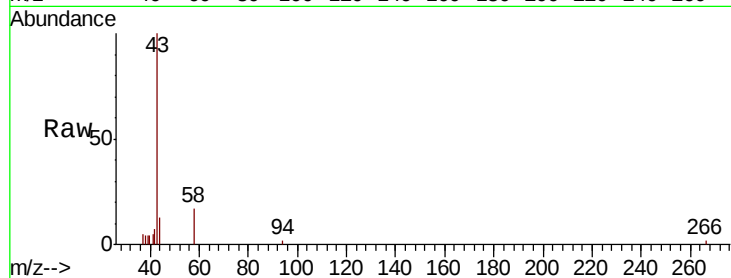
T6-E3(2)

Tgt Ion: 43 Resp: 52212

Ion Ratio Lower Upper

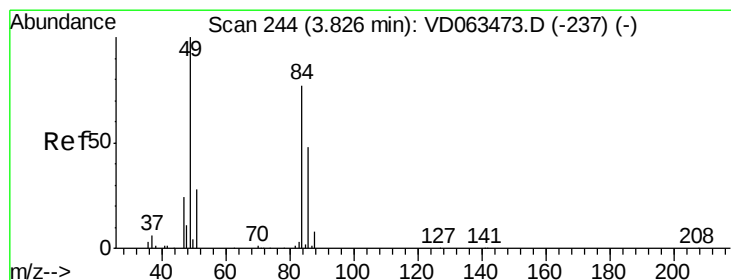
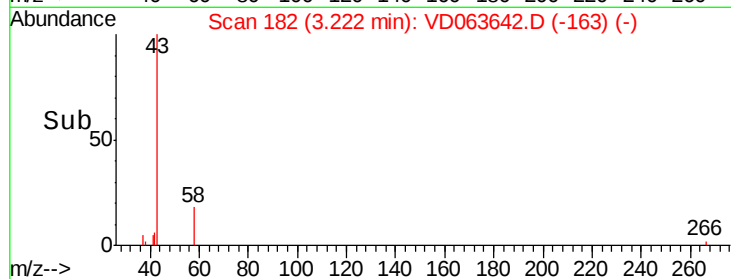
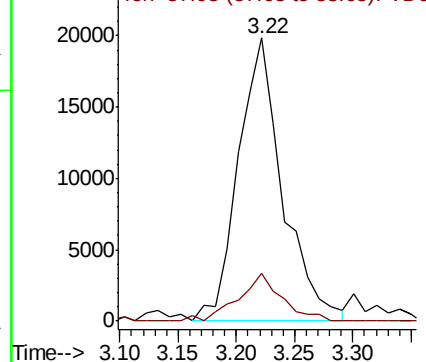
43 100

58 16.9 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 8.769 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD063642.D

Acq: 16 Aug 2019 17:10

Tgt Ion: 84 Resp: 69879

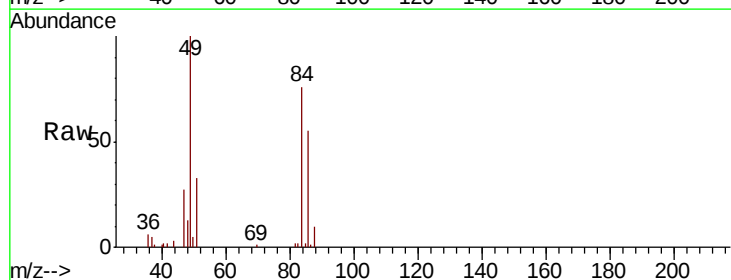
Ion Ratio Lower Upper

84 100

49 131.2 103.4 155.2

51 42.7 28.5 42.7

86 72.7 49.4 74.2

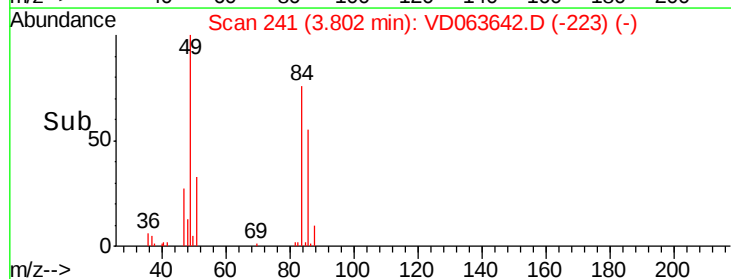
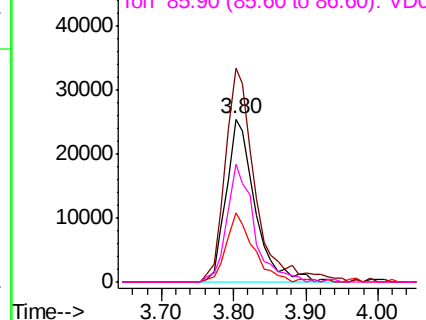


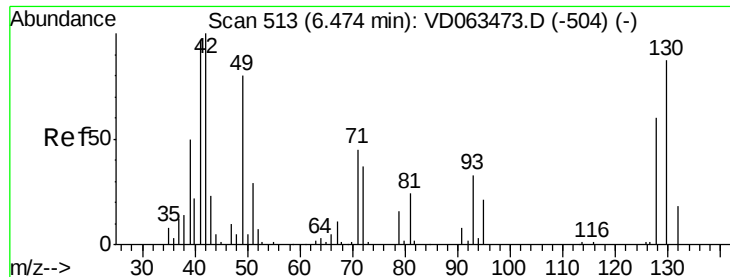
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

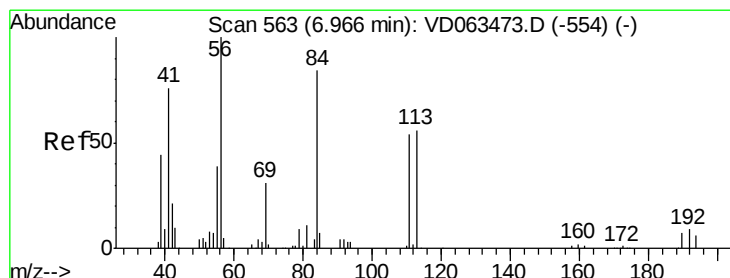
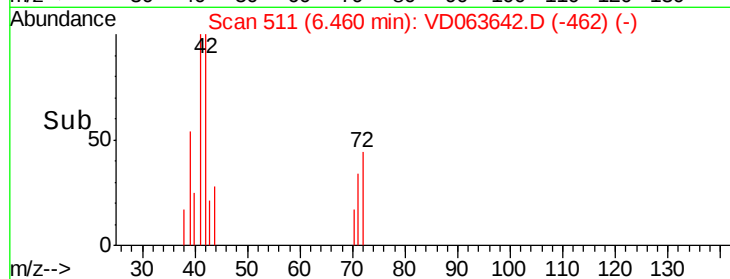
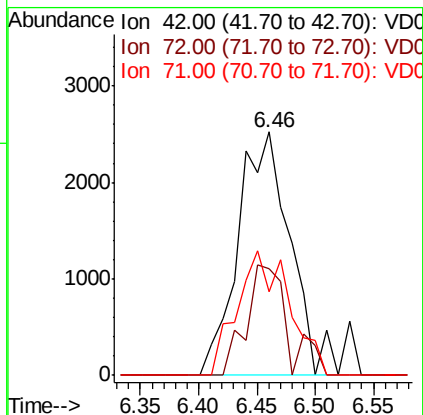
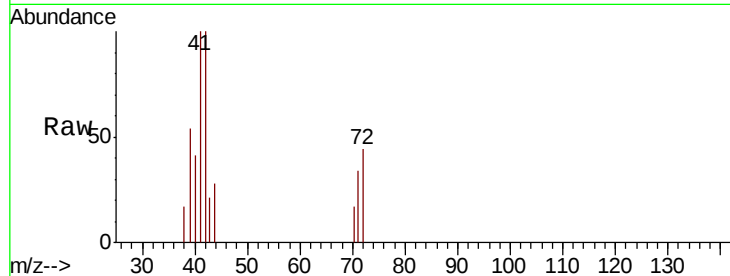




#29
Tetrahydrofuran
Concen: 9.241 ug/l
RT: 6.46 min Scan# 511
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

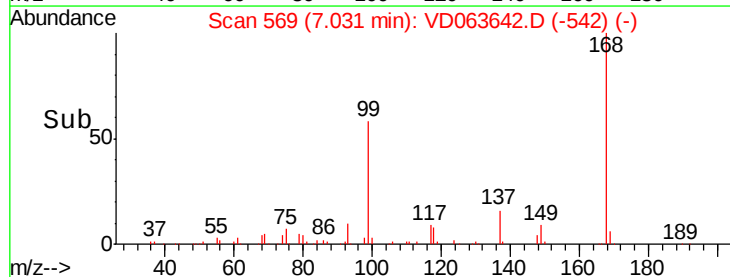
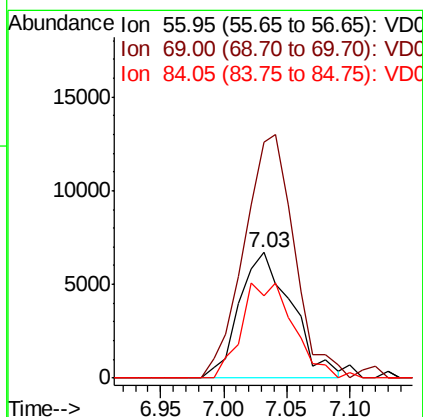
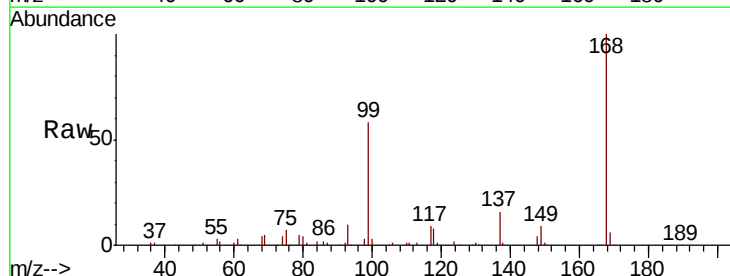
Instrument :
MSVOA_D
ClientSampleId :
T6-E3(2)

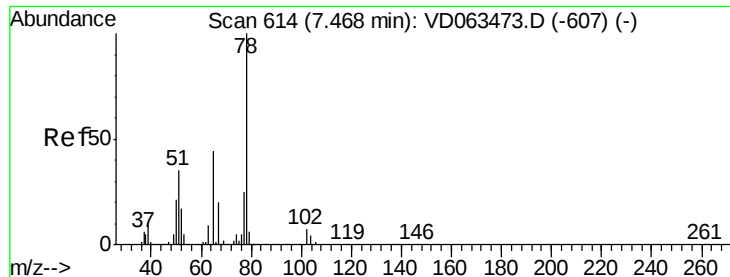
Tgt Ion: 42 Resp: 7837
Ion Ratio Lower Upper
42 100
72 36.1 31.5 47.3
71 51.0 33.8 50.8#



#31
Cyclohexane
Concen: 2.349 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.07 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion: 56 Resp: 19227
Ion Ratio Lower Upper
56 100
69 187.8 25.0 37.6#
84 65.9 69.7 104.5#

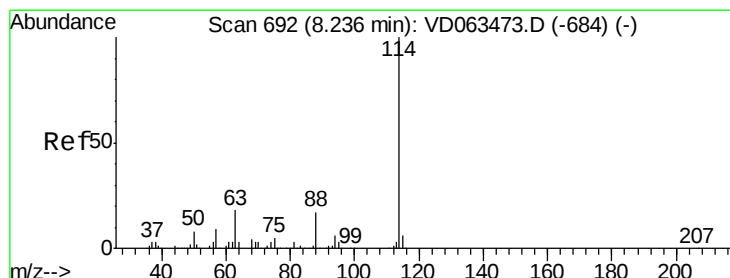
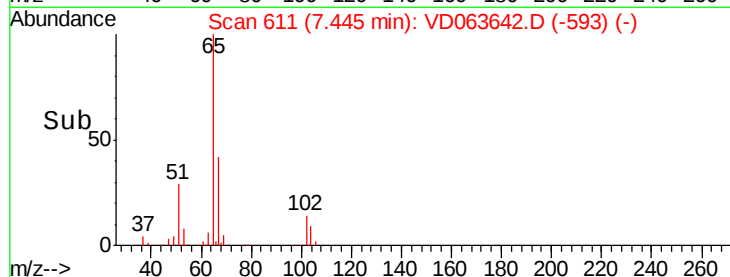
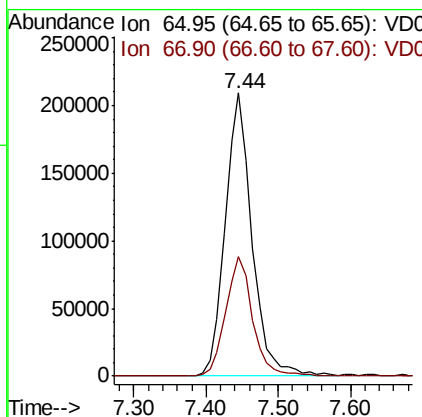
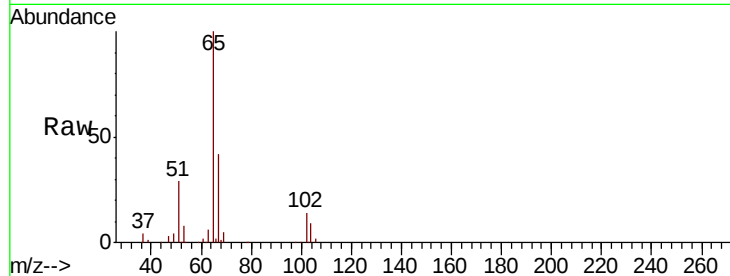




#33
 1,2-Dichloroethane-d4
 Concen: 59.452 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063642.D
 Acq: 16 Aug 2019 17:10

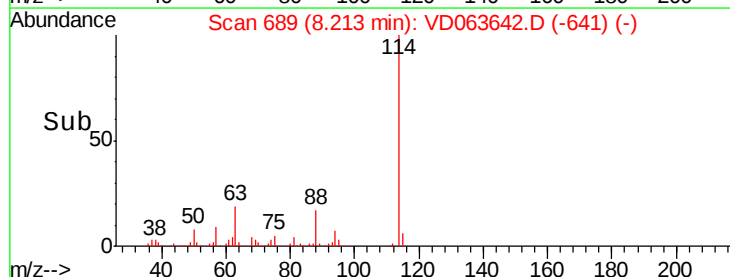
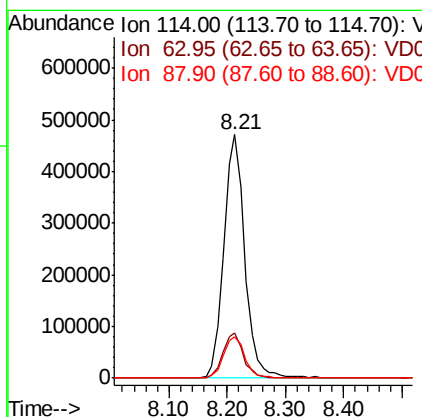
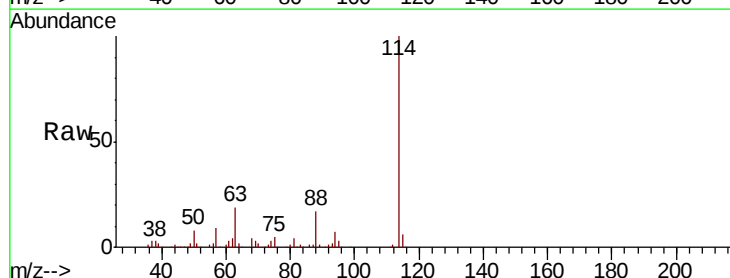
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E3(2)

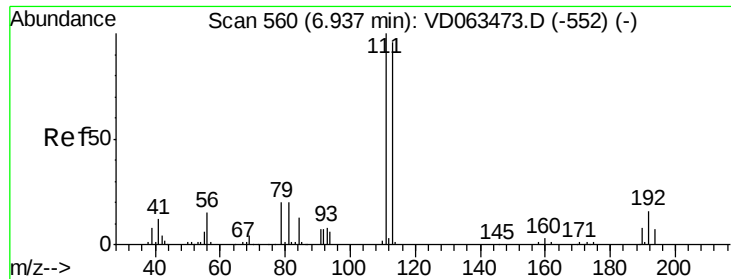
Tgt Ion: 65 Resp: 538947
 Ion Ratio Lower Upper
 65 100
 67 42.3 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063642.D
 Acq: 16 Aug 2019 17:10

Tgt Ion: 114 Resp: 1172896
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 17.2 0.0 35.0

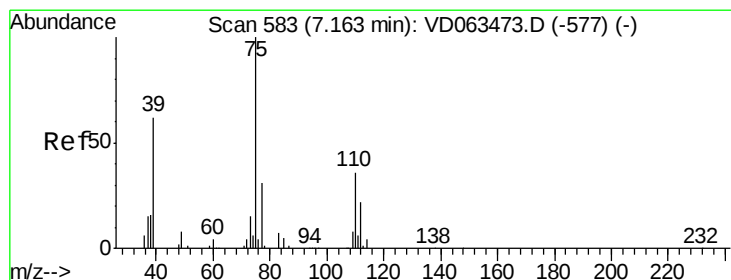
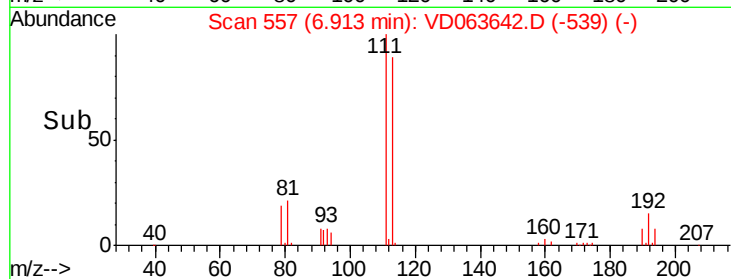
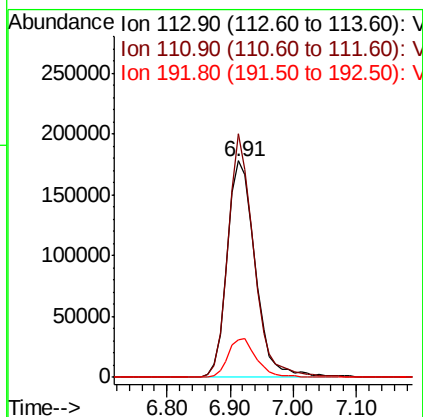
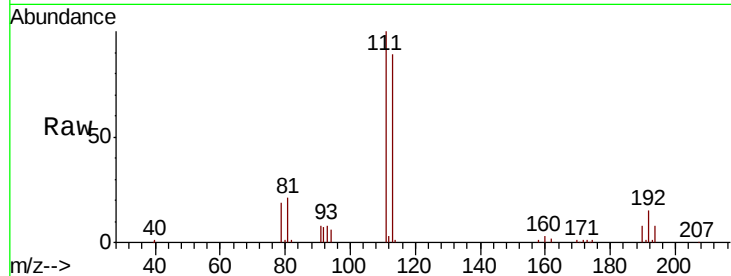




#35
 Dibromofluoromethane
 Concen: 55.452 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD063642.D
 Acq: 16 Aug 2019 17:10

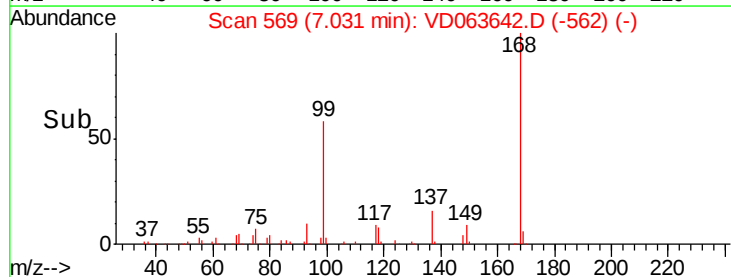
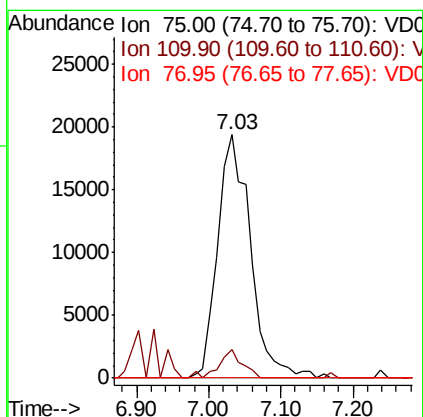
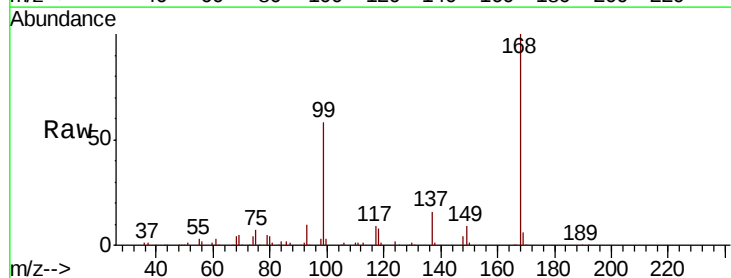
Instrument :
 MSVOA_D
 ClientSampled :
 T6-E3(2)

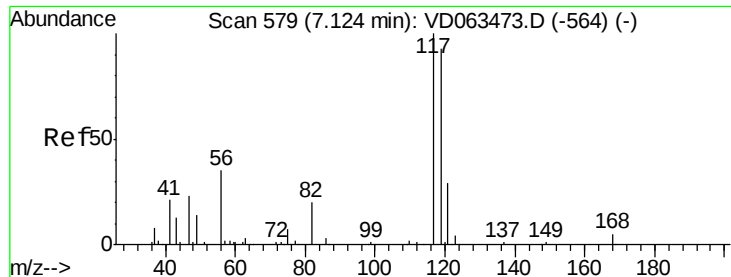
Tgt Ion:113 Resp: 547766
 Ion Ratio Lower Upper
 113 100
 111 112.6 83.1 124.7
 192 17.2 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 5.872 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.13 min
 Lab File: VD063642.D
 Acq: 16 Aug 2019 17:10

Tgt Ion: 75 Resp: 60880
 Ion Ratio Lower Upper
 75 100
 110 12.0 17.6 52.8#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.033 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD063642.D

Acq: 16 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

T6-E3(2)

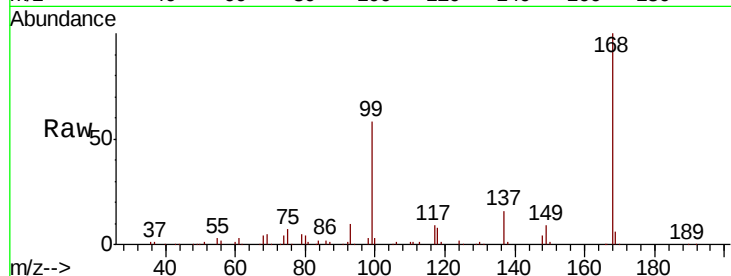
Tgt Ion:117 Resp: 78648

Ion Ratio Lower Upper

117 100

119 6.0 74.2 111.2#

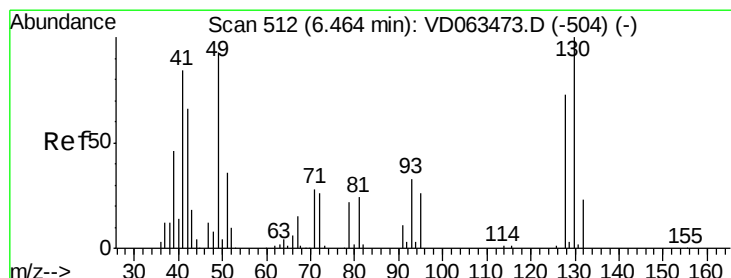
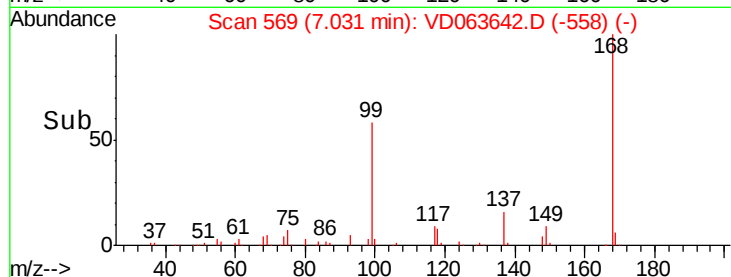
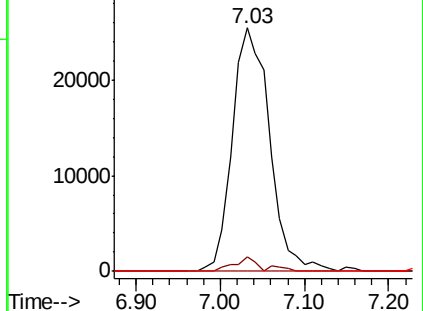
121 0.0 23.1 34.7#



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



#41

Methacrylonitrile

Concen: 1.459 ug/l

RT: 6.46 min Scan# 511

Delta R.T. -0.00 min

Lab File: VD063642.D

Acq: 16 Aug 2019 17:10

Tgt Ion: 41 Resp: 7979

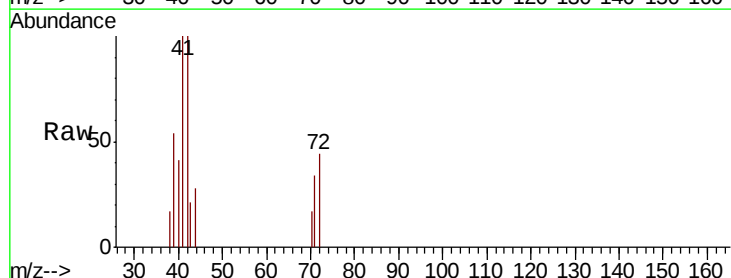
Ion Ratio Lower Upper

41 100

39 54.2 44.6 66.8

67 0.0 14.4 21.6#

52 0.0 9.3 13.9#

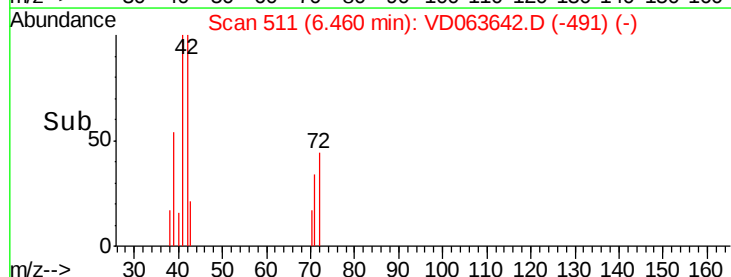
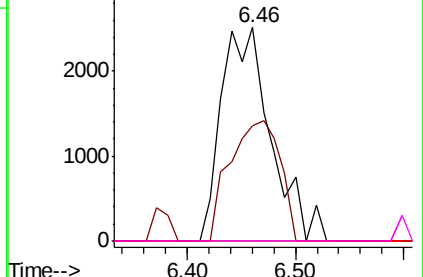


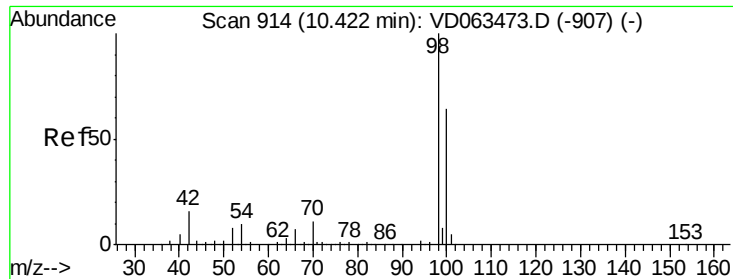
Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

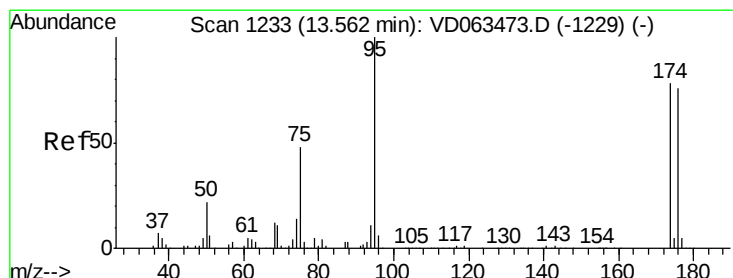
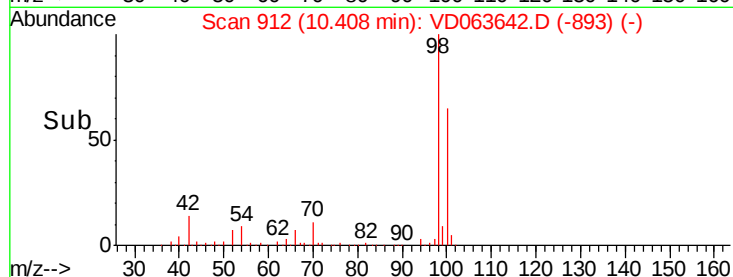
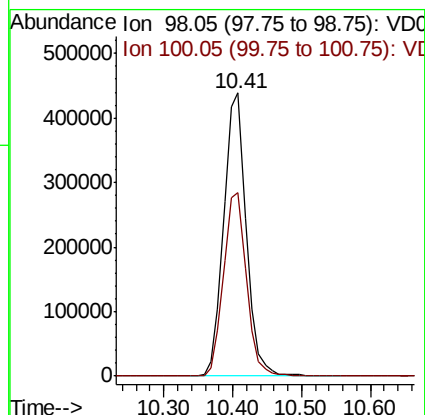
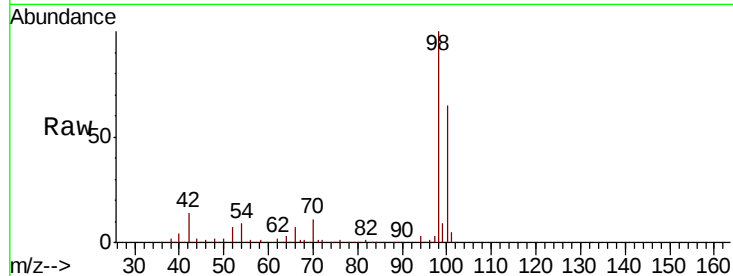




#50
Toluene-d8
Concen: 45.748 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

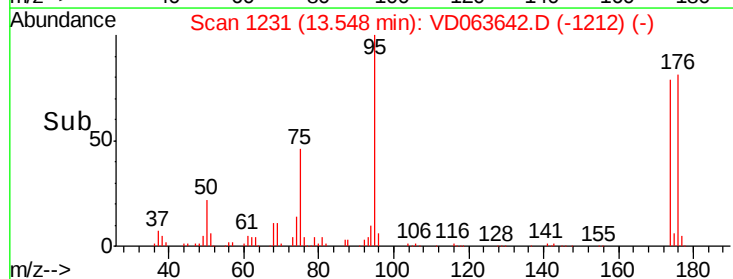
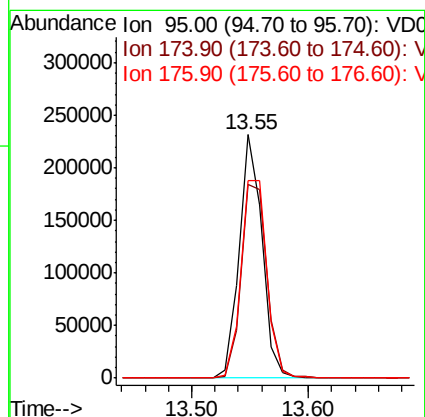
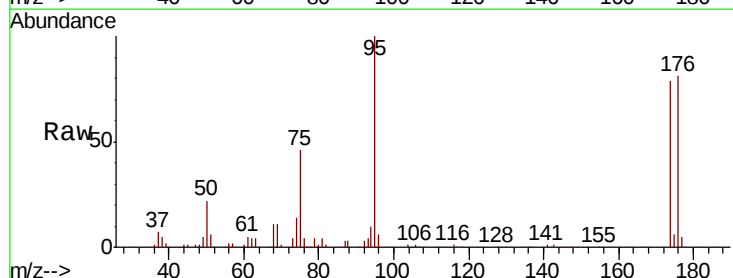
Instrument :
MSVOA_D
ClientSampleId :
T6-E3(2)

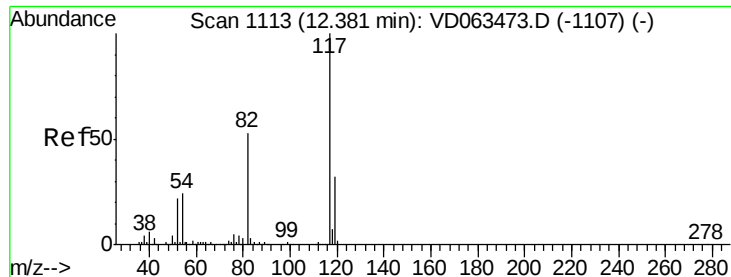
Tgt Ion: 98 Resp: 993537
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 31.978 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion: 95 Resp: 314769
Ion Ratio Lower Upper
95 100
174 79.5 0.0 155.4
176 81.3 0.0 152.4

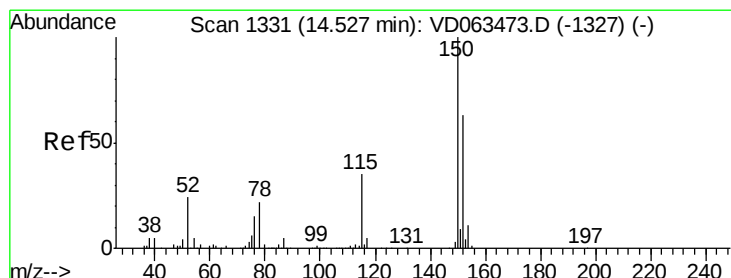
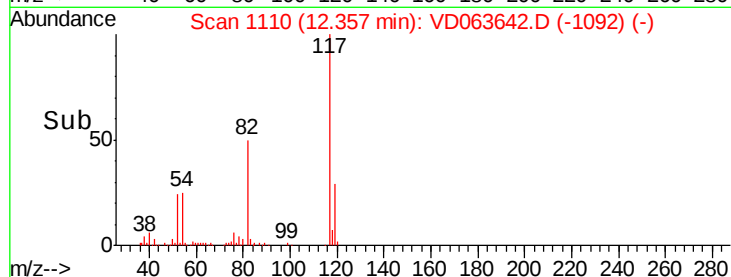
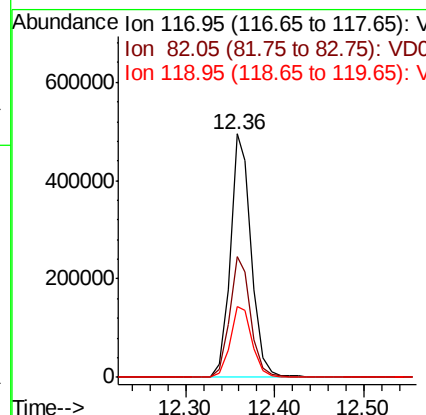
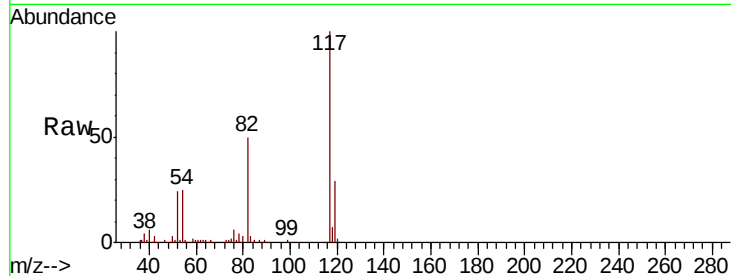




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

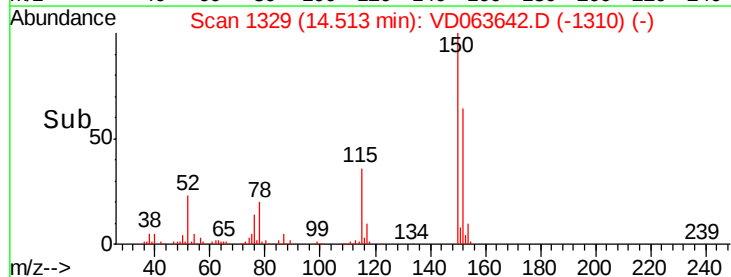
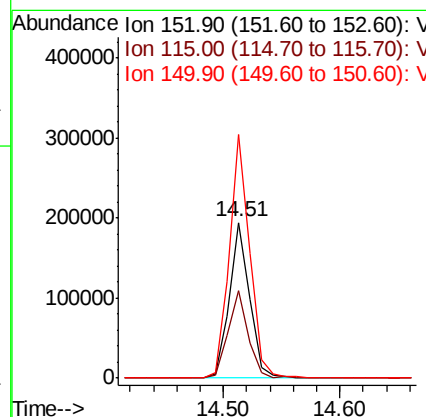
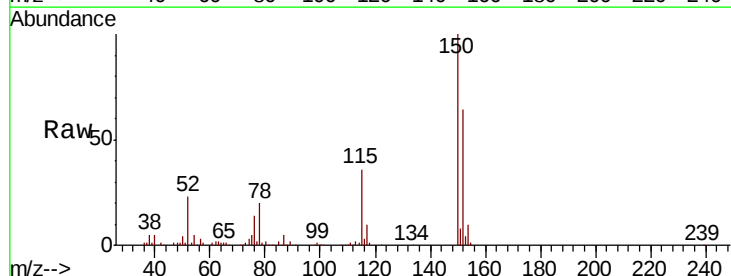
Instrument :
MSVOA_D
ClientSampleId :
T6-E3(2)

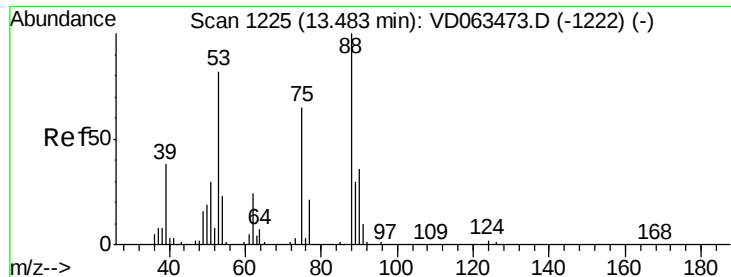
Tgt Ion:117 Resp: 818053
Ion Ratio Lower Upper
117 100
82 49.8 42.0 63.0
119 29.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion:152 Resp: 234332
Ion Ratio Lower Upper
152 100
115 56.4 30.9 92.7
150 156.5 0.0 318.6





#81

trans-1,4-Dichloro-2-butene

Concen: 206.089 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD063642.D

Acq: 16 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

T6-E3(2)

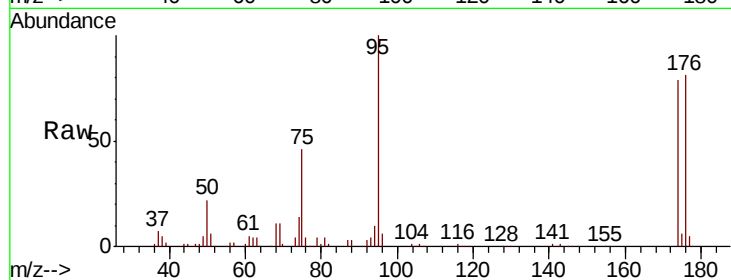
Tgt Ion: 75 Resp: 148967

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

