

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063924.D
 Acq On : 10 Oct 2019 21:49
 Operator : VA/SY
 Sample : K5298-03
 Misc : 6.49G/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 11 07:42:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	161425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	288307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	285969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	87606	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	
35) Dibromofluoromethane	7.92	113	86420	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	10.34	98	377544	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.63	95	115659	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

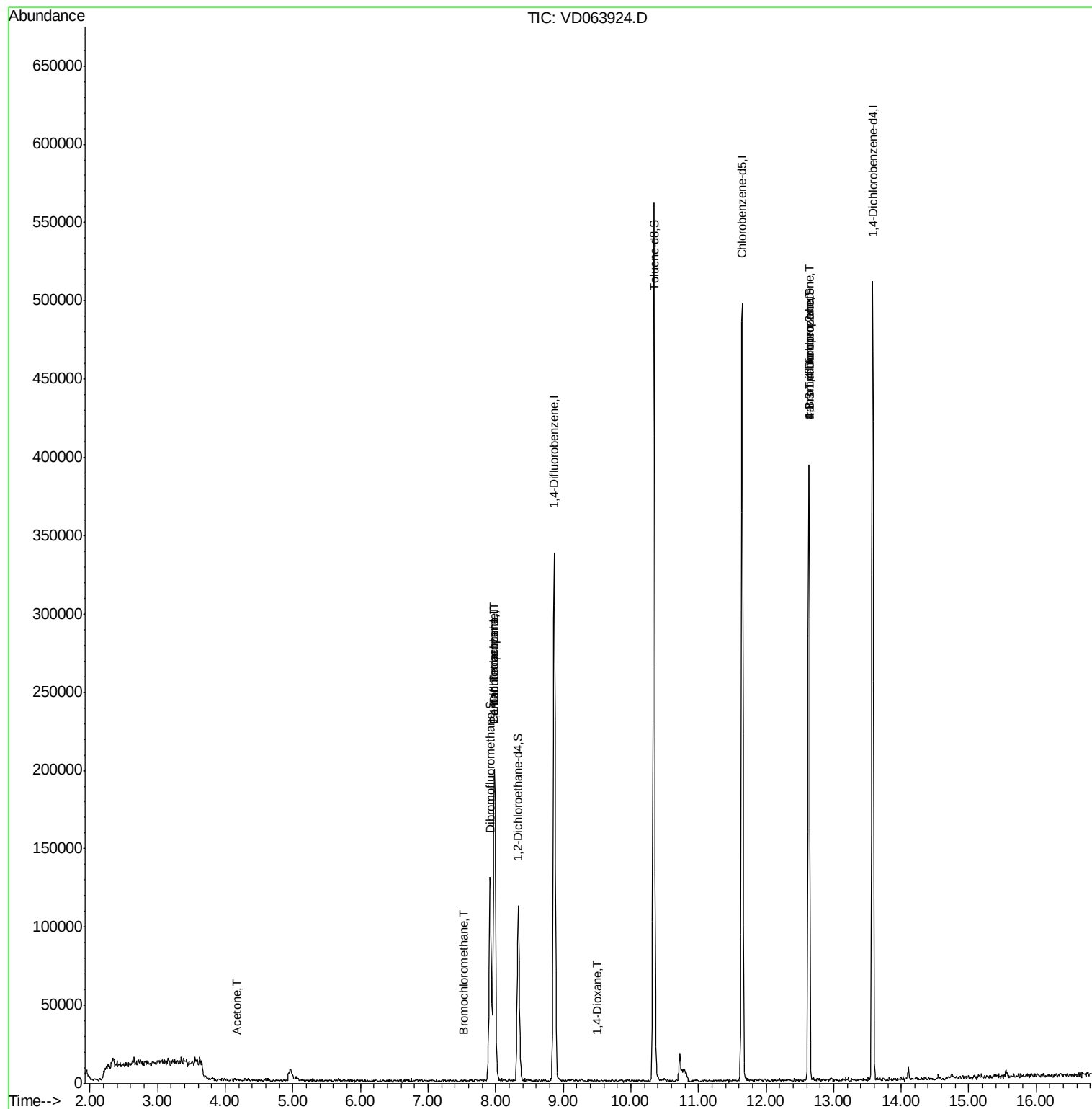
						Qvalue
3) Chloromethane	2.20	50	335	Below Cal	#	40
11) Tert butyl alcohol	5.26	59	132	Below Cal	#	1
16) Acetone	4.17	43	678	1.657	ug/l #	81
28) Bromochloromethane	7.52	49	177	2.023	ug/l #	10
31) Cyclohexane	7.99	56	3719	Below Cal	#	2
36) 1,1-Dichloropropene	7.98	75	11868	4.502	ug/l #	48
37) Ethyl Acetate	7.30	43	246	Below Cal	#	68
38) Carbon Tetrachloride	7.98	117	15463	5.805	ug/l #	22
49) 1,4-Dioxane	9.50	88	56	3.896	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	60857	66.881	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	60857	118.353	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.47	75	64	Below Cal	#	1

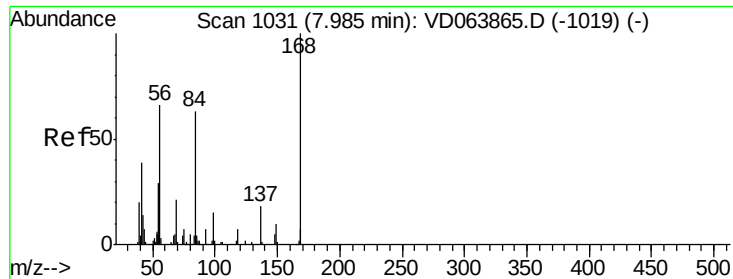
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101019\
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Acq On : 10 Oct 2019 21:49
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

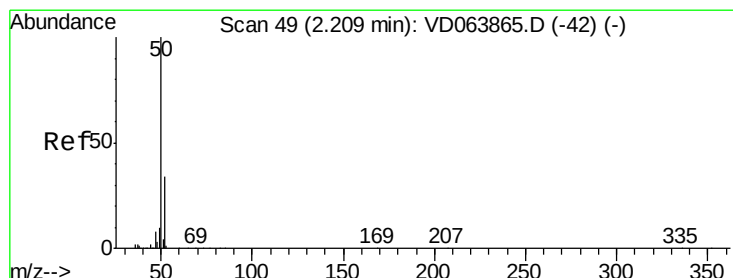
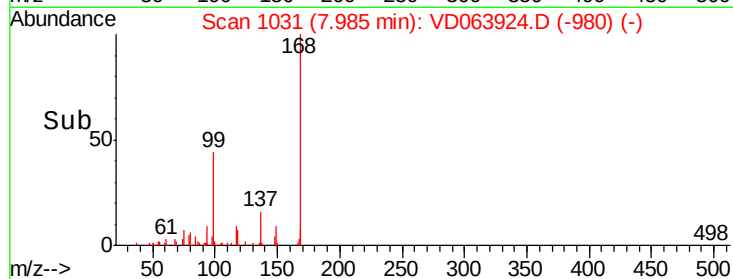
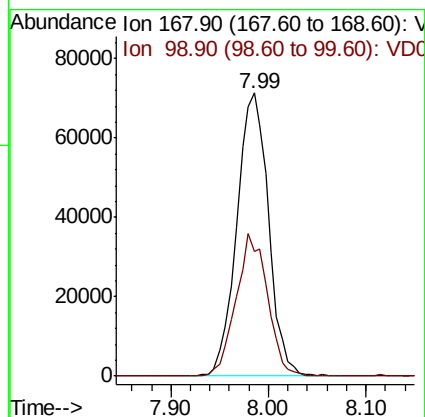
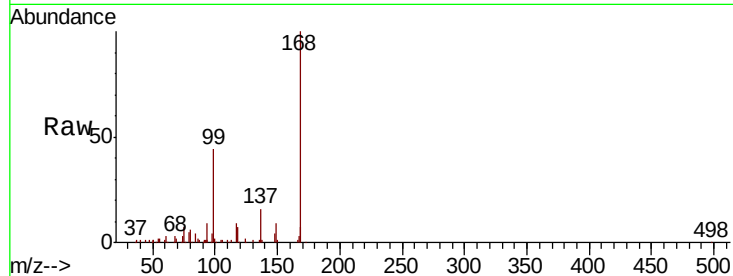




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

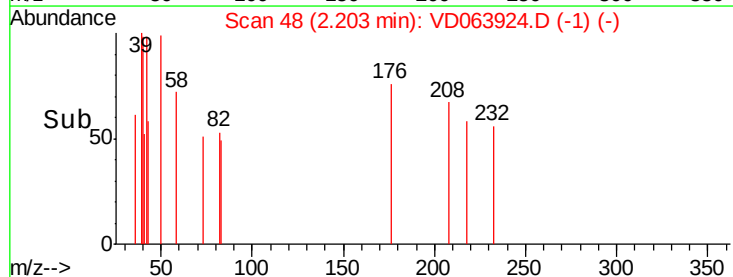
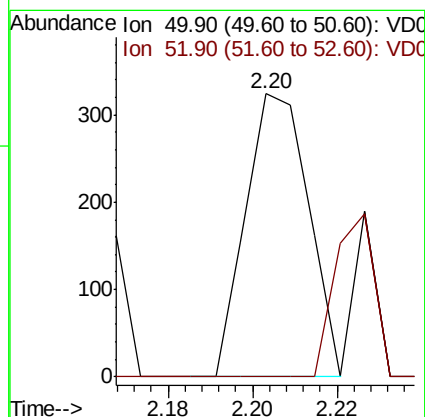
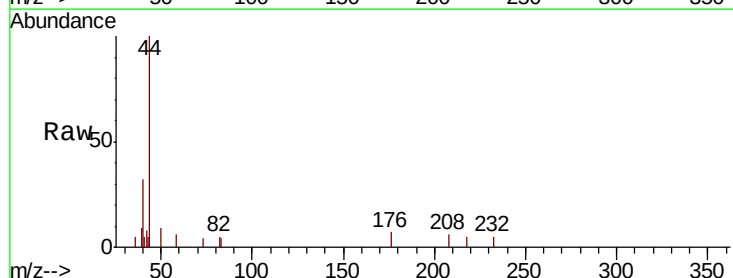
Instrument :
MSVOA_D
ClientSampleId :

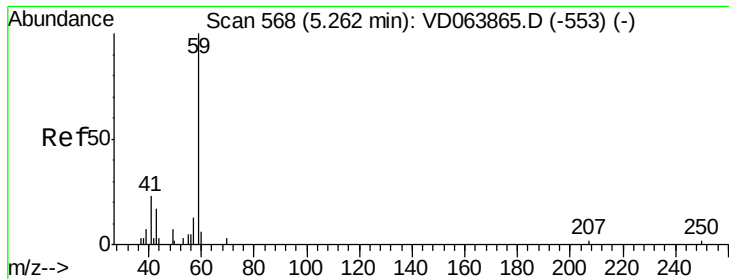
Tot Ion:168 Resp: 161425
Ion Ratio Lower Upper
168 100
99 44.1 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

Tgt Ion: 50 Resp: 335
Ion Ratio Lower Upper
50 100
52 0.0 27.5 41.3#



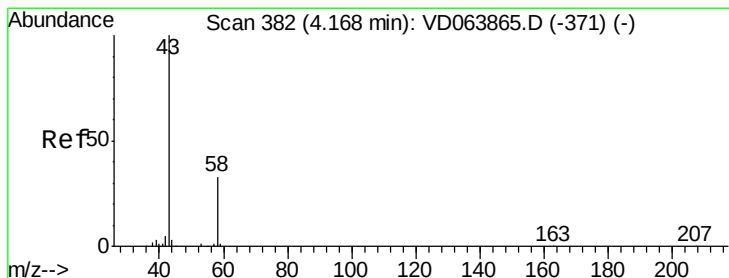
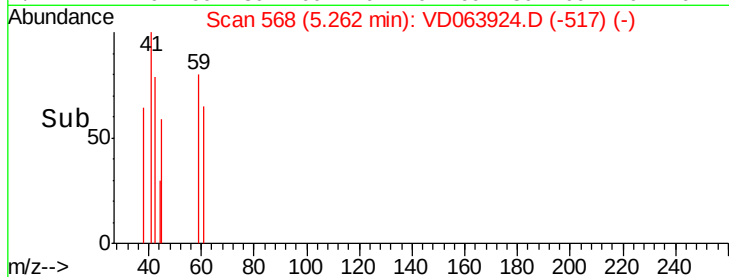
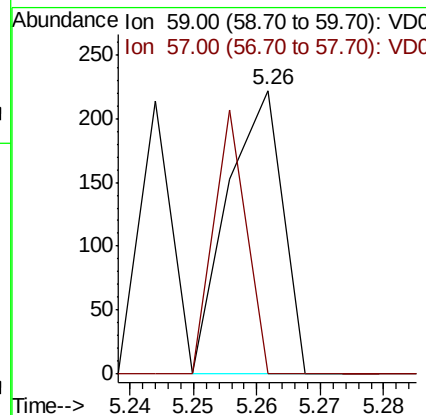
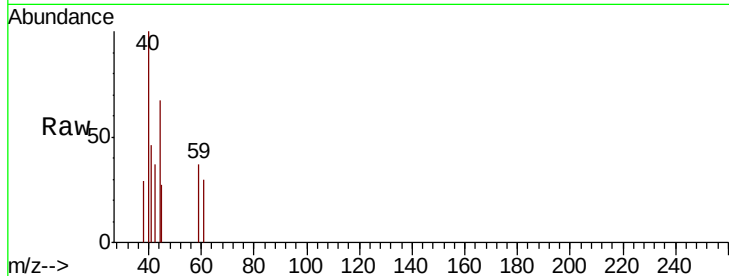


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.26 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VD063924.D
 Acq: 10 Oct 2019 21:49

Instrument :
 MSVOA_D
 ClientSampleId :

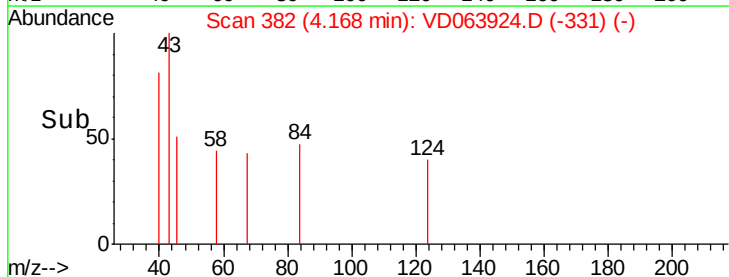
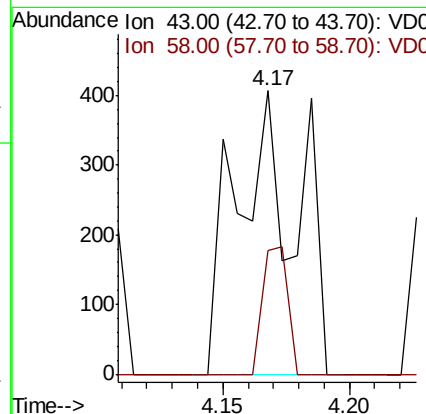
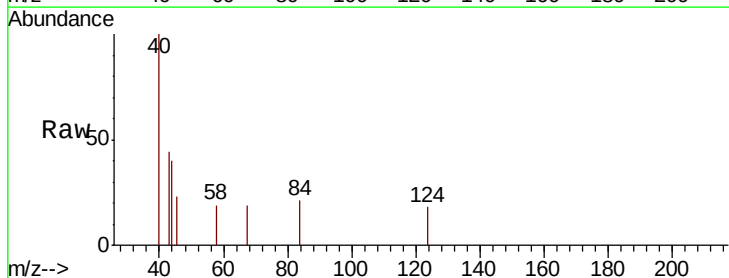
Tot Ion: 59 Resp: 132
 Ion Ratio Lower Upper
 59 100
 57 55.3 8.8 13.2#

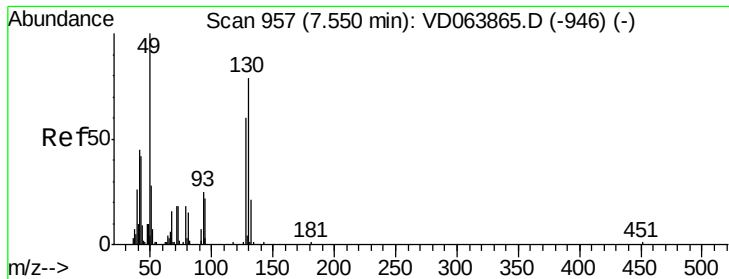


#16

Acetone
 Concen: 1.657 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VD063924.D
 Acq: 10 Oct 2019 21:49

Tgt Ion: 43 Resp: 678
 Ion Ratio Lower Upper
 43 100
 58 43.7 26.2 39.4#





#28

Bromochloromethane

Concen: 2.023 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.03 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

Instrument :

MSVOA_D

ClientSampleId :

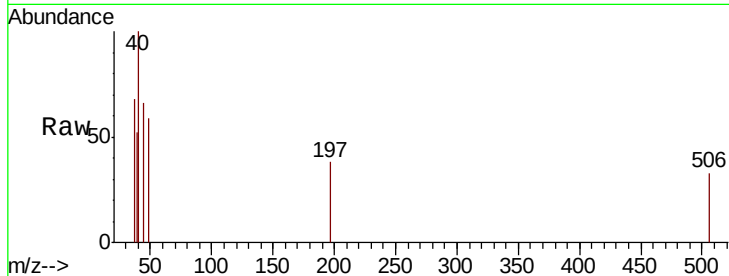
Tot Ion: 49 Resp: 177

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.6

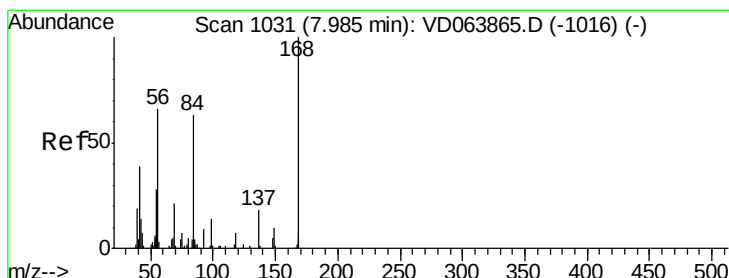
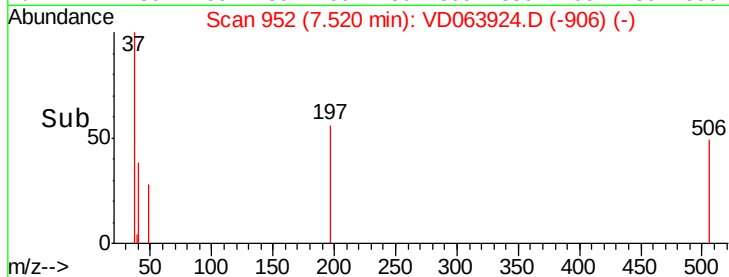
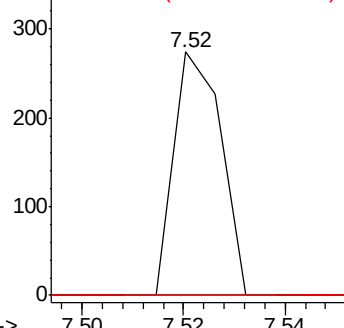
130 0.0 66.8 100.2#



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): VDC

Ion 129.80 (129.50 to 130.50): VDC



#31

Cyclohexane

Concen: Below Cal

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

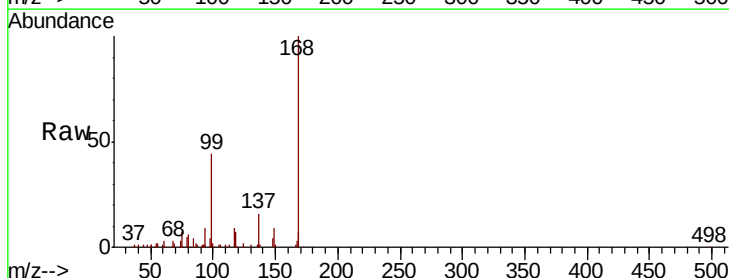
Tgt Ion: 56 Resp: 3719

Ion Ratio Lower Upper

56 100

69 110.0 25.0 37.4#

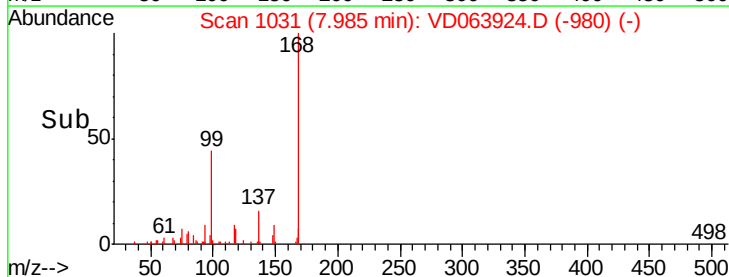
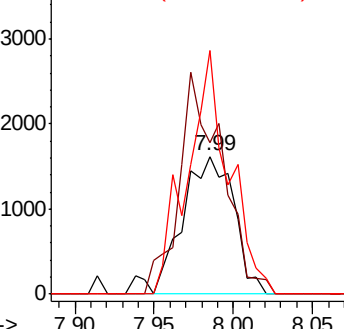
84 176.8 76.3 114.5#

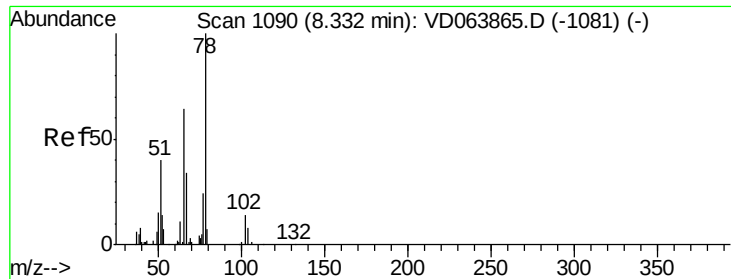


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

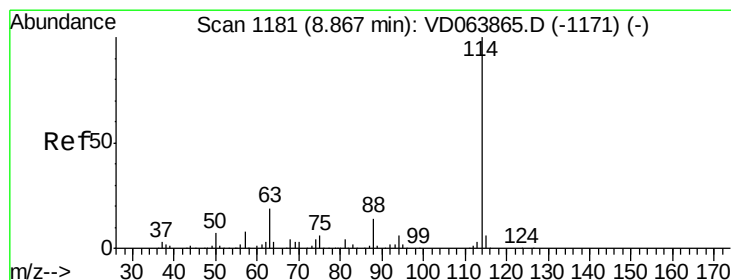
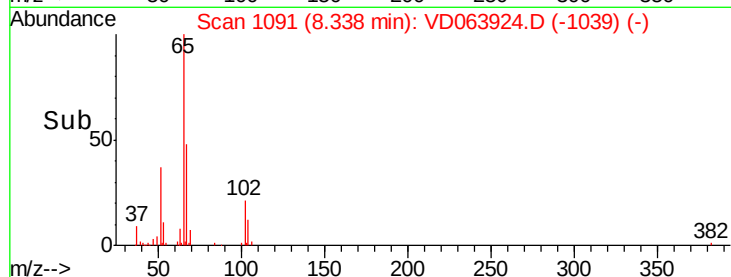
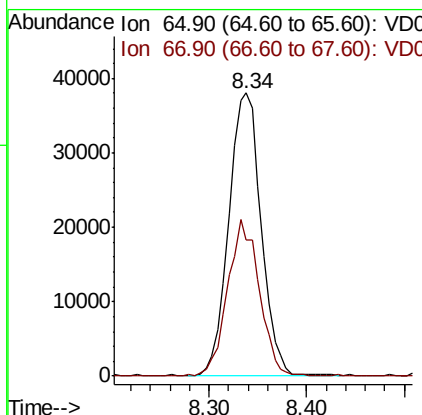
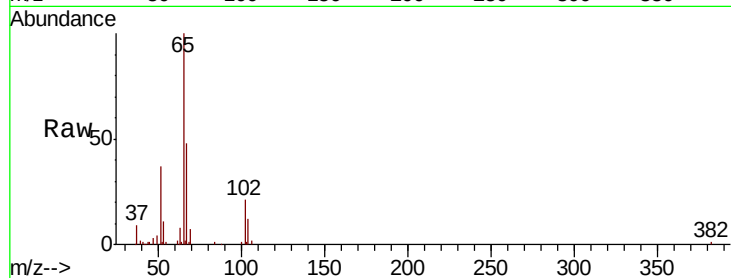




#33
 1,2-Dichloroethane-d4
 Concen: 55.743 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063924.D
 Acq: 10 Oct 2019 21:49

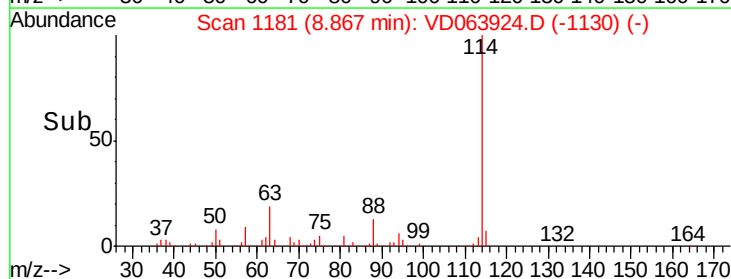
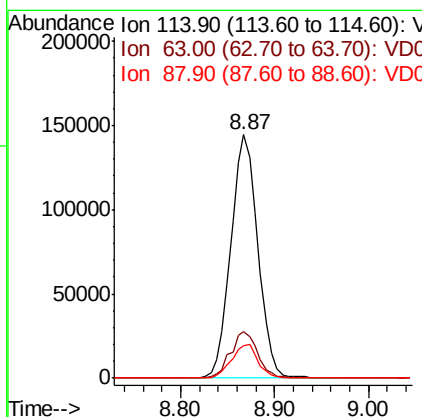
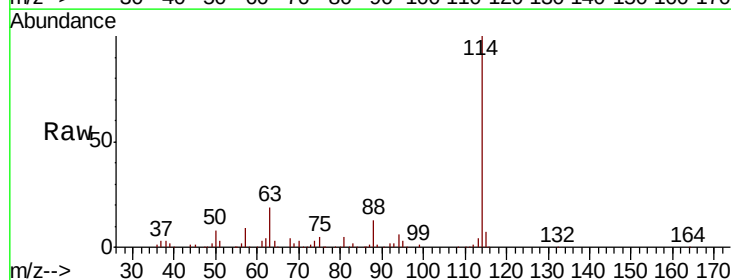
Instrument :
 MSVOA_D
 ClientSampleId :

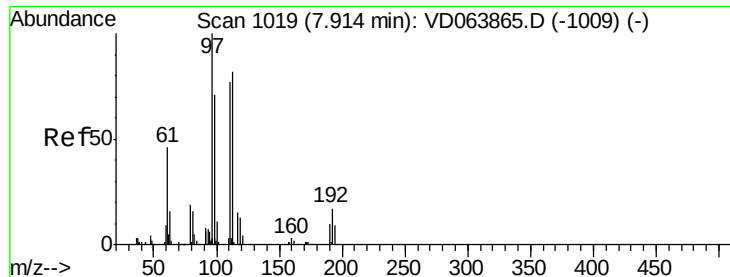
Tot Ion: 65 Resp: 87606
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063924.D
 Acq: 10 Oct 2019 21:49

Tgt Ion: 114 Resp: 288307
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 13.2 0.0 27.4

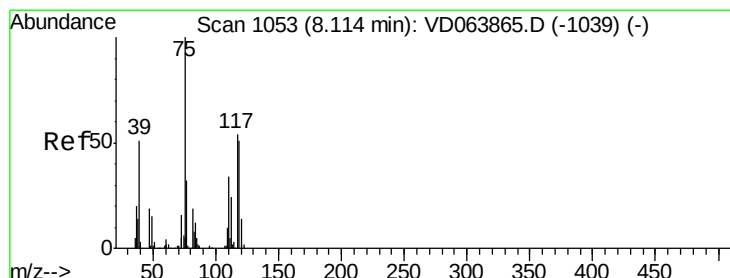
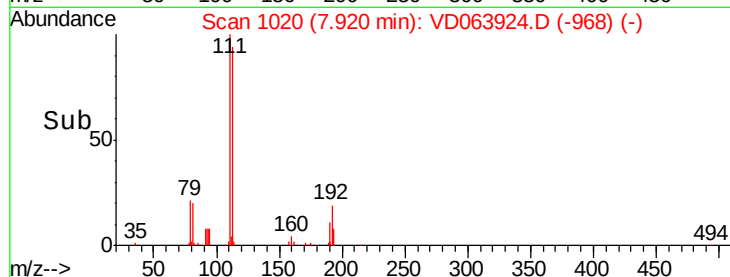
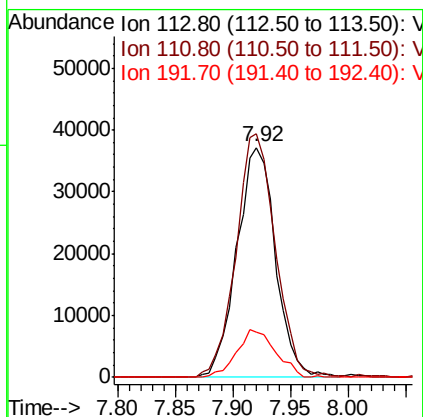
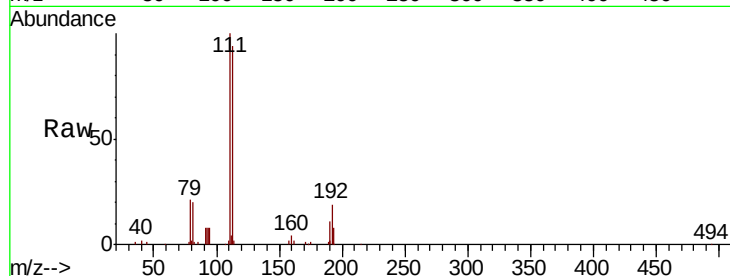




#35
 Dibromofluoromethane
 Concen: 49.048 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063924.D
 Acq: 10 Oct 2019 21:49

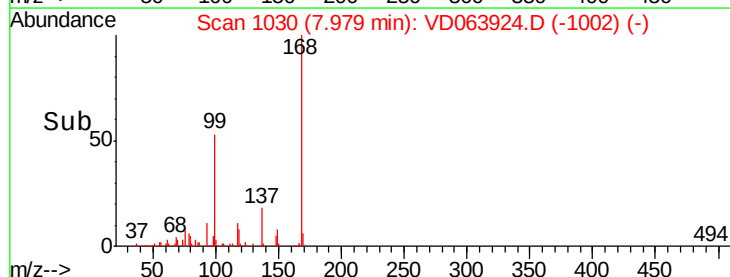
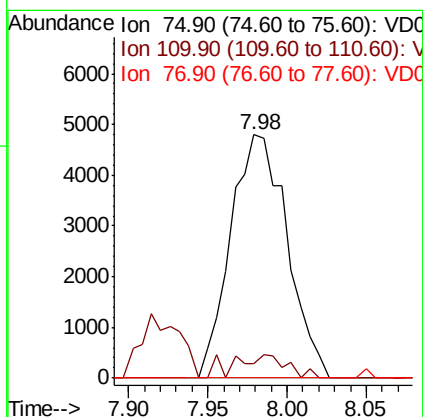
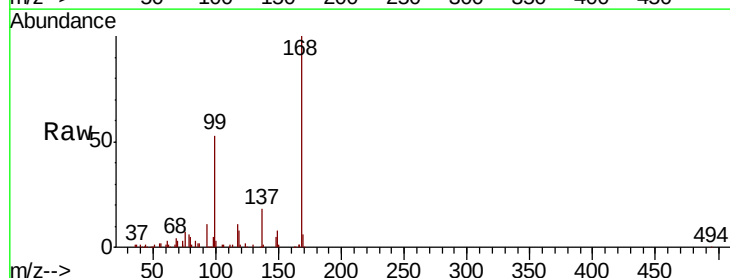
Instrument :
 MSVOA_D
 ClientSampleId :

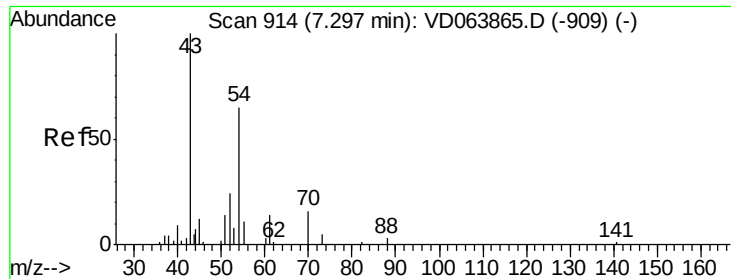
Tot Ion:113 Resp: 86420
 Ion Ratio Lower Upper
 113 100
 111 107.6 82.6 123.8
 192 20.8 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.502 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD063924.D
 Acq: 10 Oct 2019 21:49

Tgt Ion: 75 Resp: 11868
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.4 52.3#
 77 0.0 25.4 38.0#

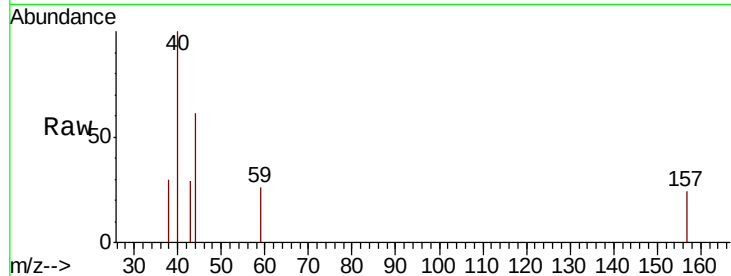




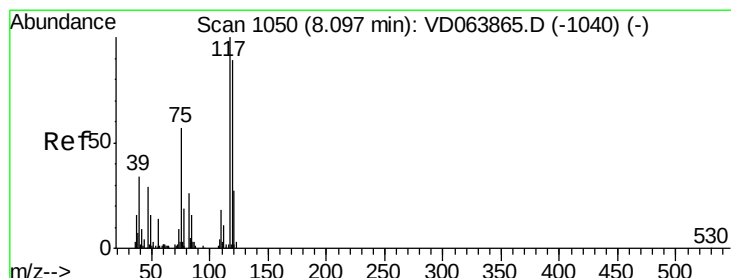
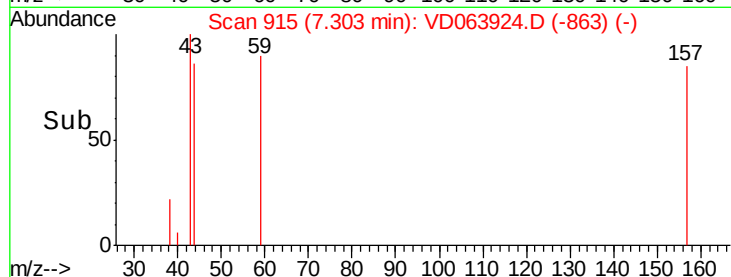
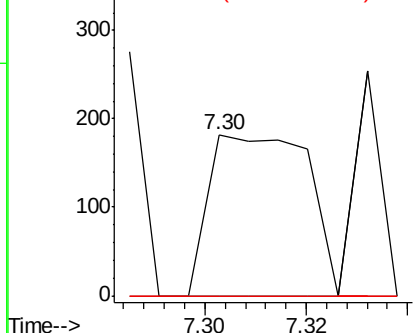
#37
Ethyl Acetate
Concen: Below Cal
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 8.2 12.4#

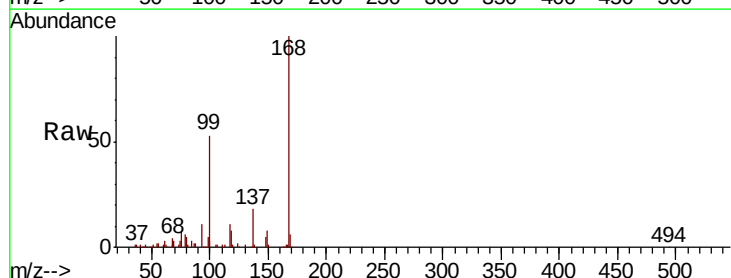


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

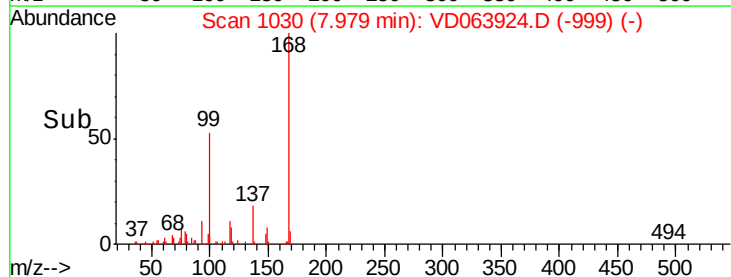
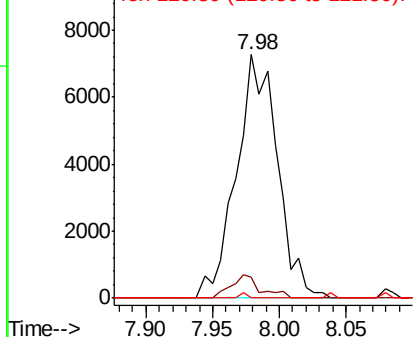


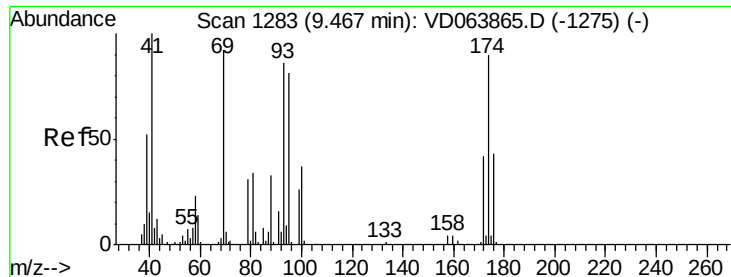
#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

Tgt Ion: 117 Resp: 15463
Ion Ratio Lower Upper
117 100
119 8.7 70.8 106.2#
121 0.0 21.4 32.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

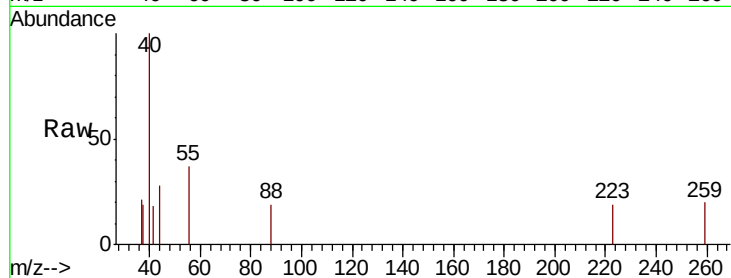




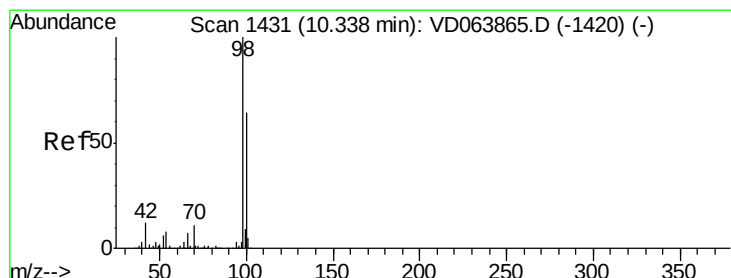
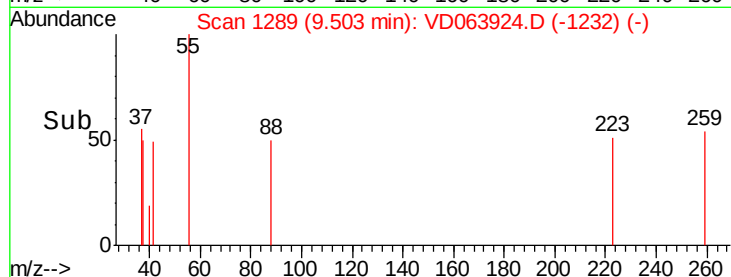
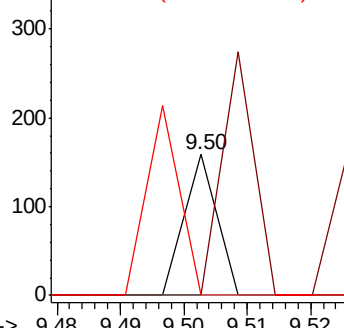
#49
1,4-Dioxane
Concen: 3.896 ug/l
RT: 9.50 min Scan# 1289
Delta R.T. 0.04 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 173.2 27.6 41.4#
58 135.7 54.1 81.1#

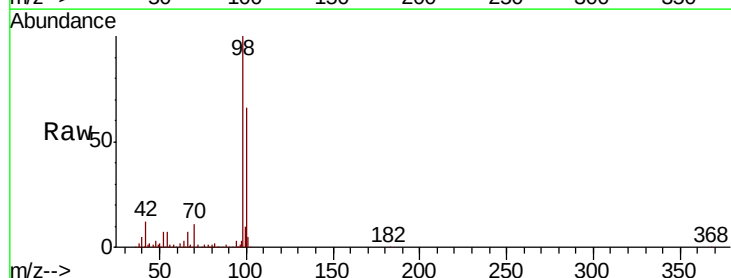


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

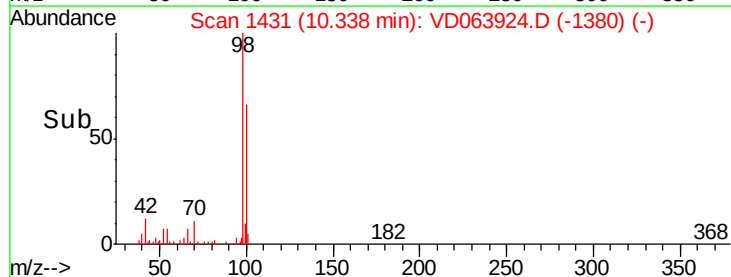
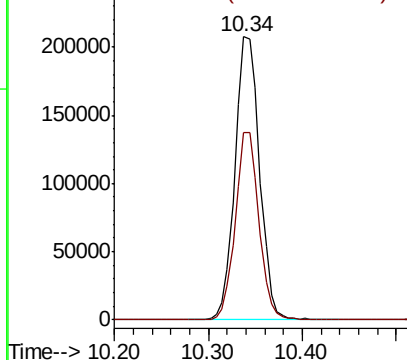


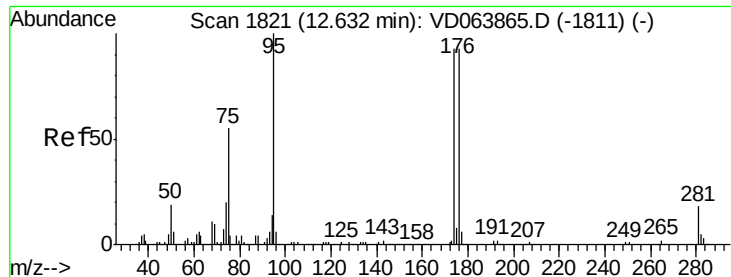
#50
Toluene-d8
Concen: 52.793 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

Tgt Ion: 98 Resp: 377544
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

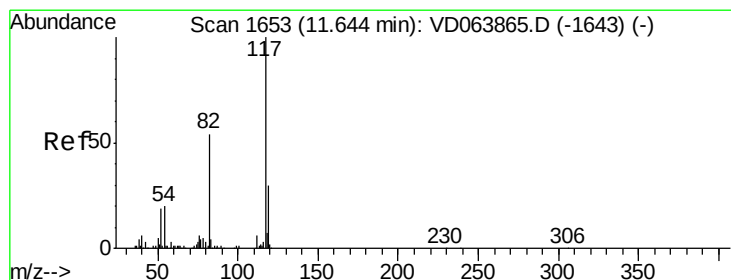
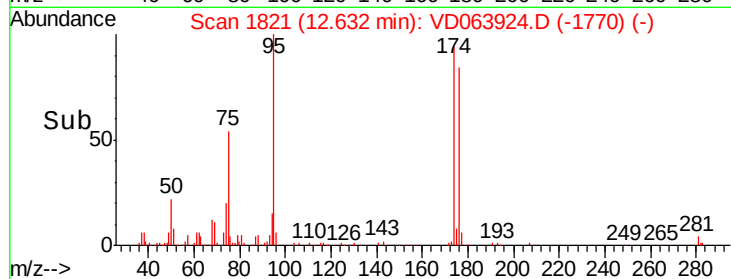
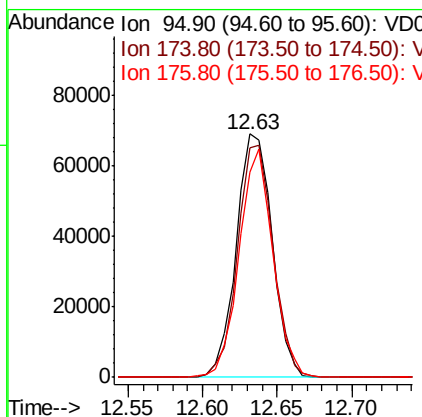
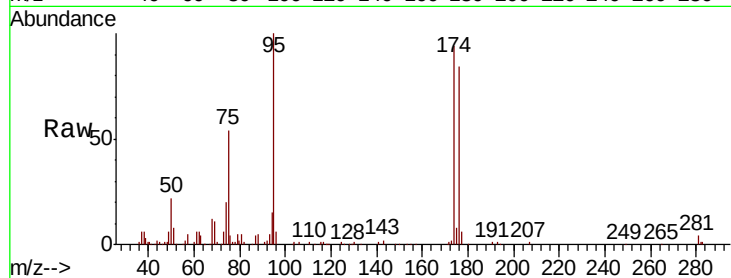




#62
4-Bromofluorobenzene
Concen: 46.541 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

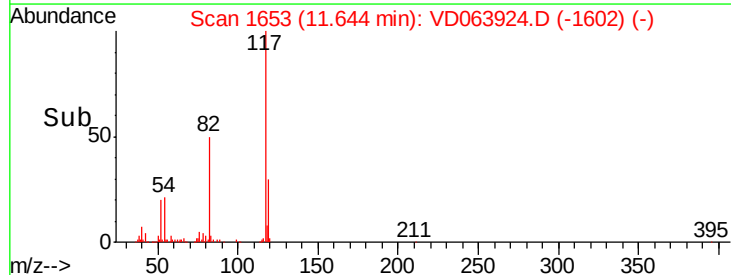
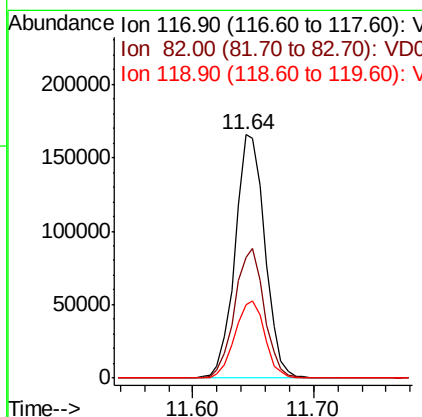
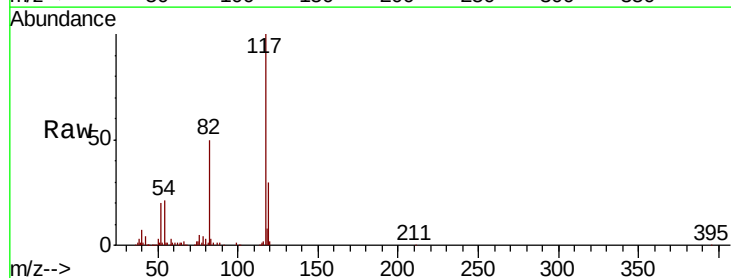
Instrument :
MSVOA_D
ClientSampleId :

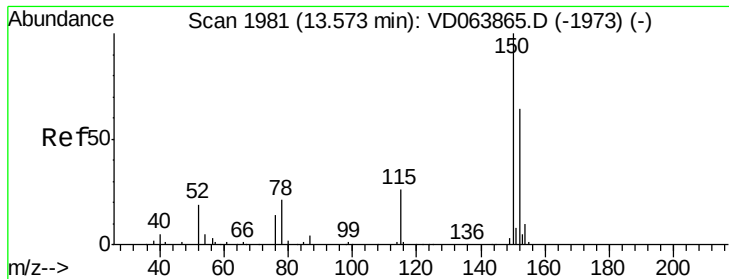
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	186.4
176	88.5	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063924.D
Acq: 10 Oct 2019 21:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.8	64.2
119	30.2	24.4	36.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

Instrument :

MSVOA_D

ClientSampleId :

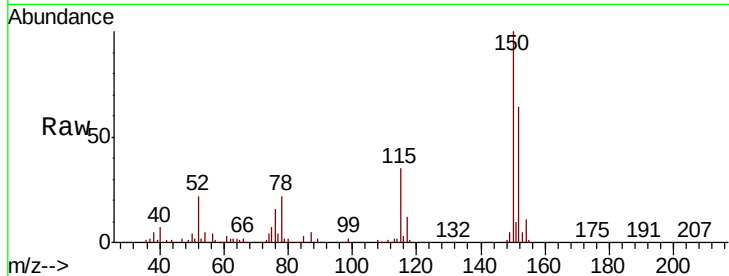
Tot Ion:152 Resp: 135856

Ion Ratio Lower Upper

152 100

115 54.2 25.9 77.7

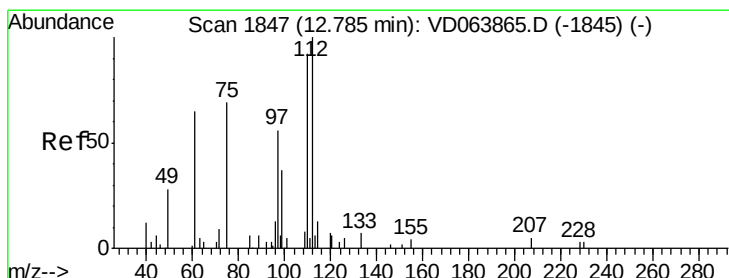
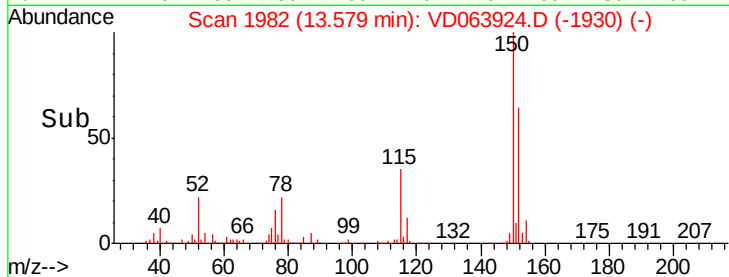
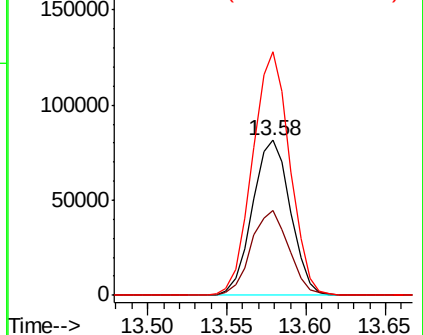
150 154.5 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 66.881 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD063924.D

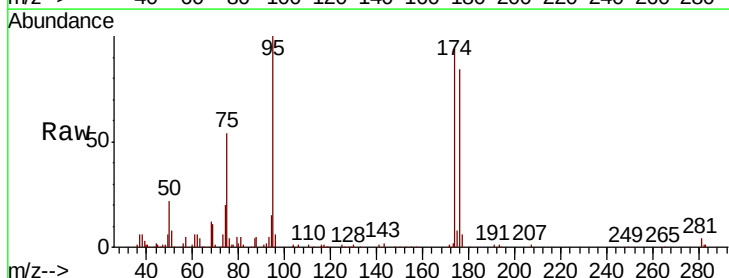
Acq: 10 Oct 2019 21:49

Tgt Ion: 75 Resp: 60857

Ion Ratio Lower Upper

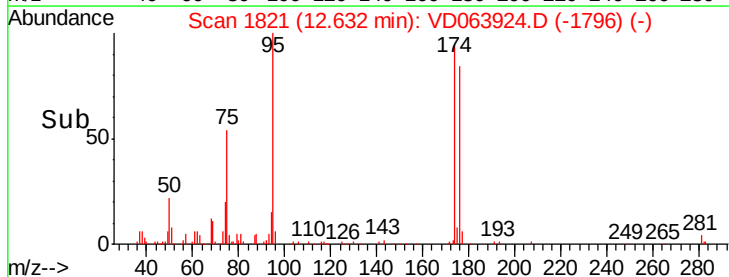
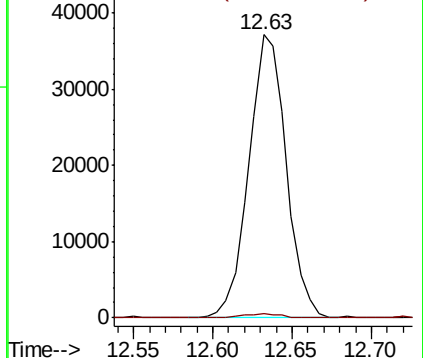
75 100

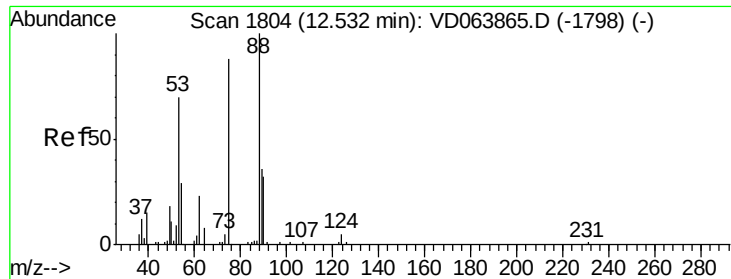
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 118.353 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

Instrument :

MSVOA_D

ClientSampleId :

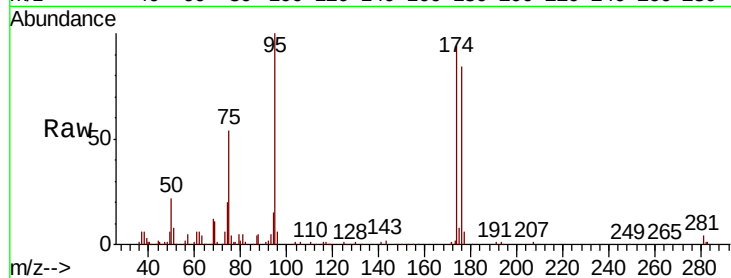
Tot Ion: 75 Resp: 60857

Ion Ratio Lower Upper

75 100

53 0.0 75.0 112.6#

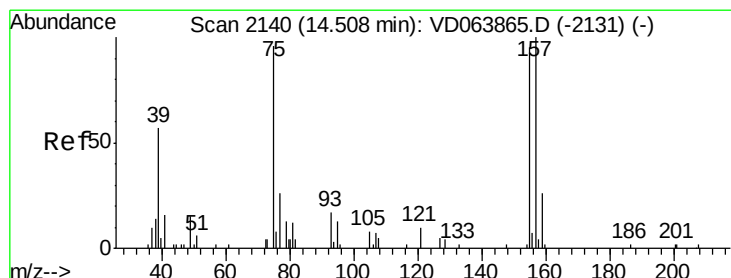
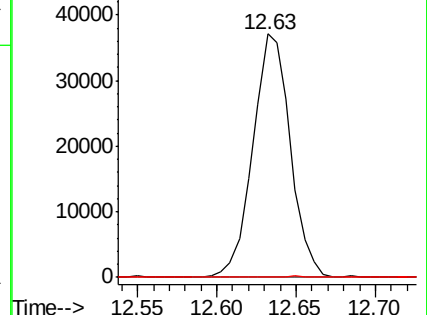
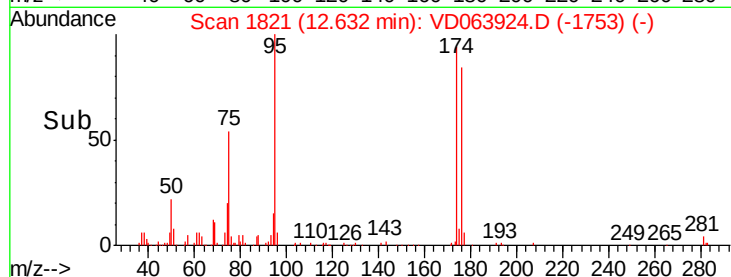
89 0.2 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.47 min Scan# 2133

Delta R.T. -0.04 min

Lab File: VD063924.D

Acq: 10 Oct 2019 21:49

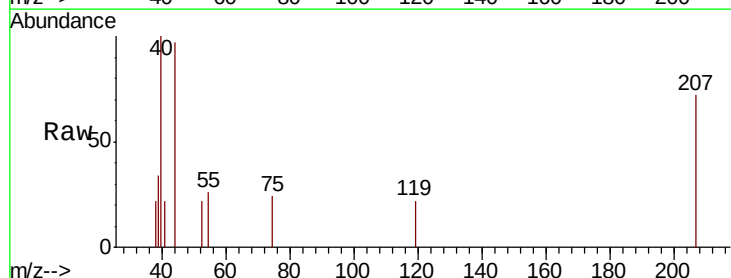
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

155 0.0 43.9 131.6#

157 0.0 56.0 167.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

