

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112019\
 Data File : VD064318.D
 Acq On : 20 Nov 2019 17:40
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 07:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	867533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1236323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1071264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	543740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	355188	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.92	113	359647	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.34	98	1355375	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.64	95	543088	58.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.16%	

Target Compounds

						Qvalue
10) Methyl Iodide	4.29	142	1471	2.193	ug/l #	59
13) Acrolein	3.92	56	736	1.746	ug/l	90
15) Acrylonitrile	5.44	53	3712	2.367	ug/l #	90
16) Acetone	4.18	43	7471	4.420	ug/l #	84
20) Methylene Chloride	4.97	84	38972	4.564	ug/l	99
25) 2-Butanone	7.22	43	8036	3.680	ug/l	94
29) Tetrahydrofuran	7.57	42	4157	3.168	ug/l #	76
30) Chloroform	7.72	83	18587	1.309	ug/l	99
31) Cyclohexane	7.98	56	50058	3.575	ug/l #	69
39) Methylcyclohexane	9.36	83	198183	13.726	ug/l	96
48) Methyl methacrylate	9.54	41	5524	1.140	ug/l #	37
49) 1,4-Dioxane	9.47	88	451	9.241	ug/l #	1
51) 4-Methyl-2-Pentanone	10.24	43	11465	2.412	ug/l	96
55) 1,1,2-Trichloroethane	10.78	97	63234	11.471	ug/l #	24
56) Ethyl methacrylate	10.68	69	28564	3.704	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.95	63	11027	3.530	ug/l	96
59) 2-Hexanone	10.96	43	211824	62.645	ug/l #	32
64) Tetrachloroethene	10.88	164	8587	1.042	ug/l #	75
67) Ethyl Benzene	11.75	91	230534	5.851	ug/l	99
68) m/p-Xylenes	11.86	106	435272	28.819	ug/l	100
73) Isopropylbenzene	12.48	105	594469	14.895	ug/l	99
74) N-amyl acetate	12.27	43	1149922	122.012	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.71	83	81600	13.569	ug/l #	26
76) 1,2,3-Trichloropropane	12.83	75	10550	2.409	ug/l #	100
78) n-propylbenzene	12.83	91	1398977	30.681	ug/l	98
79) 2-Chlorotoluene	12.92	91	162880	6.327	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.97	105	1964877	59.915	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.64	75	226572	102.762	ug/l #	17
82) 4-Chlorotoluene	12.97	91	195568	7.283	ug/l #	48
83) tert-Butylbenzene	13.23	119	83126	2.875	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	5893989	182.045	ug/l	98
85) sec-Butylbenzene	13.41	105	496313	12.779	ug/l #	72
86) p-Isopropyltoluene	13.53	119	468789	12.696	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	19058	1.085	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112019\
 Data File : VD064318.D
 Acq On : 20 Nov 2019 17:40
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 07:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

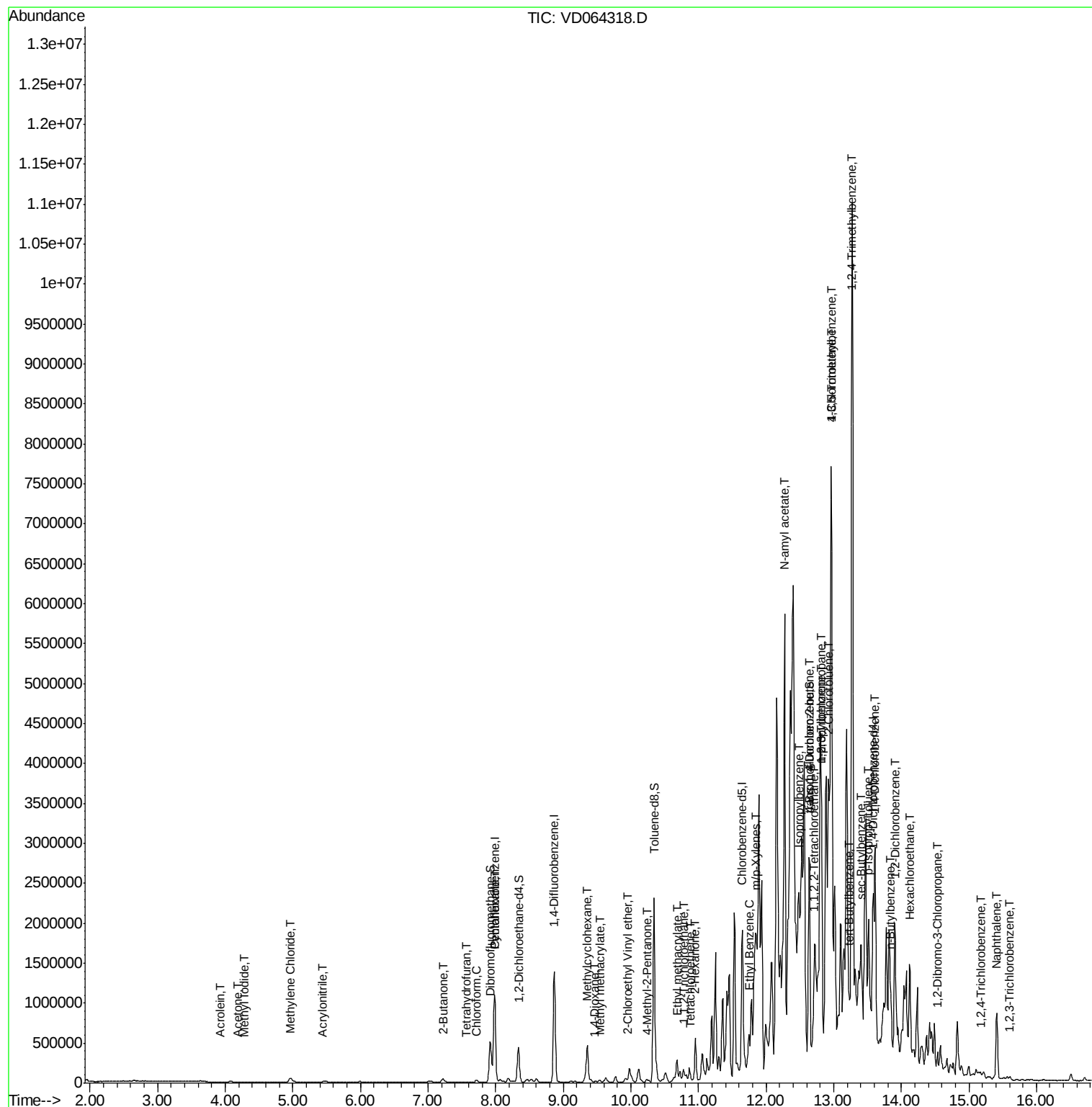
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.85	91	485128	14.543	ug/l #	70
90) Hexachloroethane	14.13	117	55948	8.199	ug/l #	13
91) 1,2-Dichlorobenzene	13.90	146	15307	1.005	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.53	75	1333	1.240	ug/l	60
93) 1,2,4-Trichlorobenzene	15.18	180	14075	1.198	ug/l #	47
95) Naphthalene	15.41	128	757339	39.314	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	13272	1.329	ug/l #	75

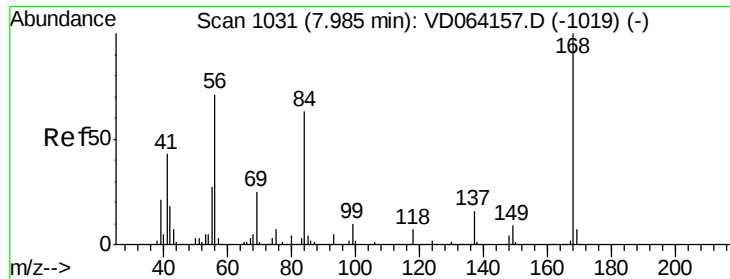
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112019\
Data File : VD064318.D
Acq On : 20 Nov 2019 17:40
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 21 07:05:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

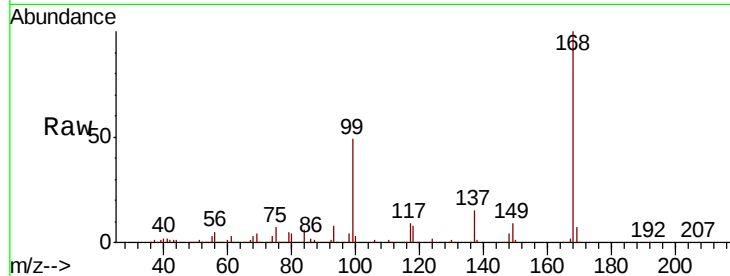
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 867533

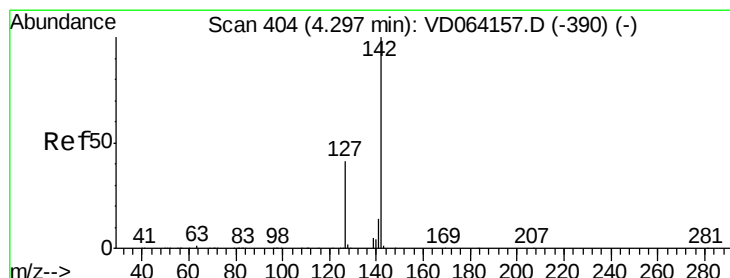
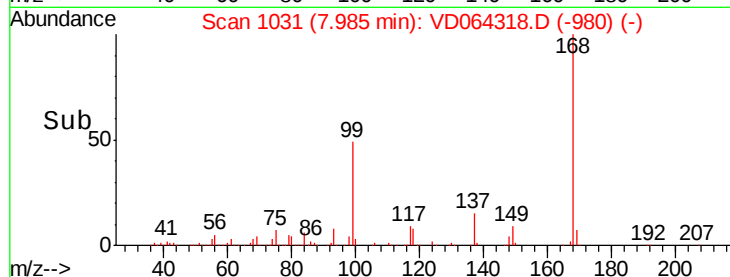
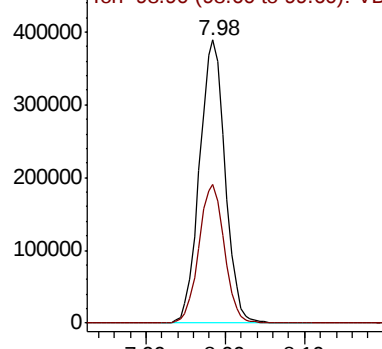
Ion Ratio Lower Upper

168 100

99 48.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 2.193 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

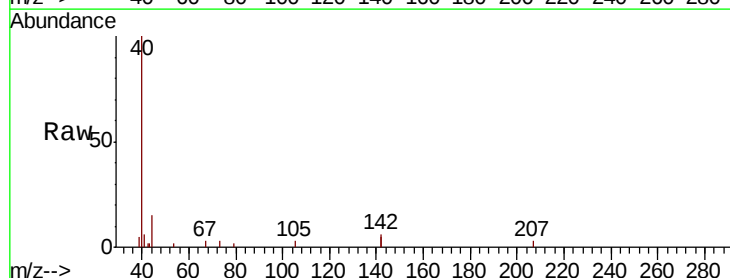
Tgt Ion:142 Resp: 1471

Ion Ratio Lower Upper

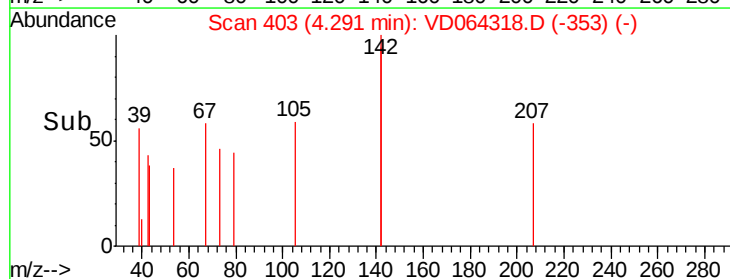
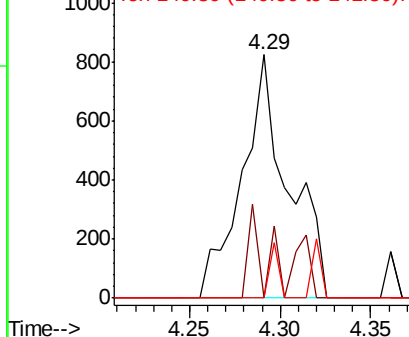
142 100

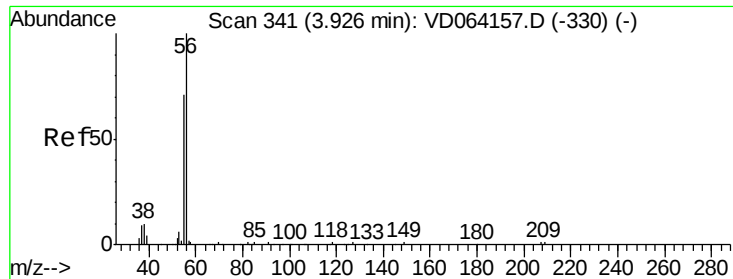
127 13.5 34.4 51.6#

141 4.5 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 1.746 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

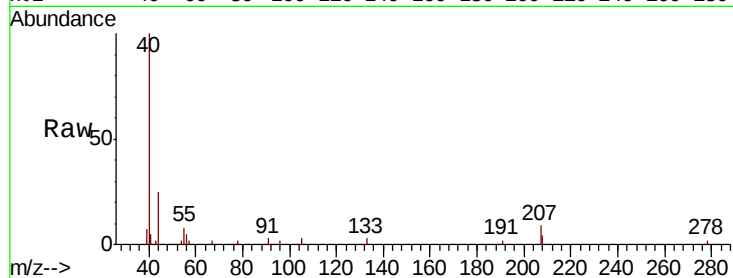
ClientSampled :

Tot Ion: 56 Resp: 736

Ion Ratio Lower Upper

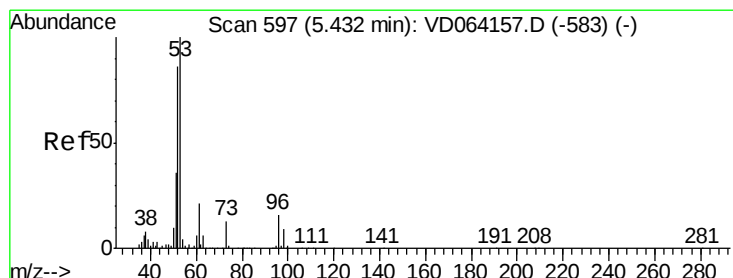
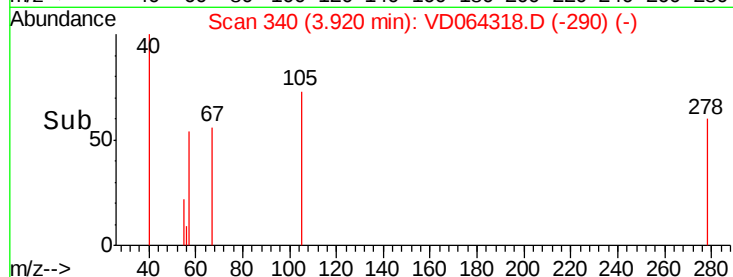
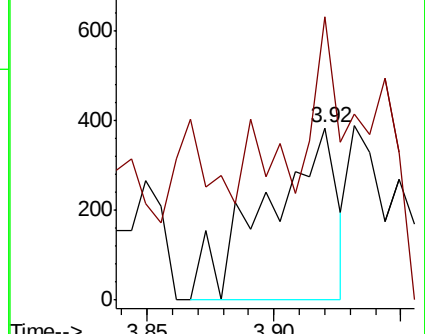
56 100

55 61.5 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#15

Acrylonitrile

Concen: 2.367 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

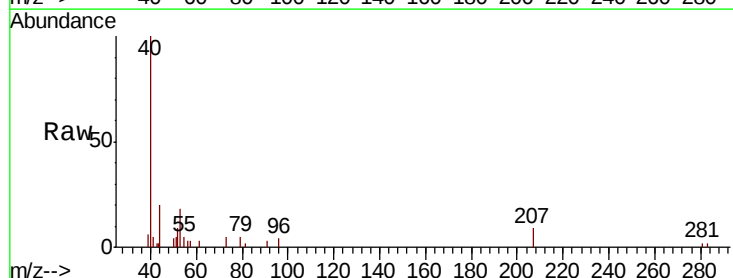
Tgt Ion: 53 Resp: 3712

Ion Ratio Lower Upper

53 100

52 77.6 66.7 100.1

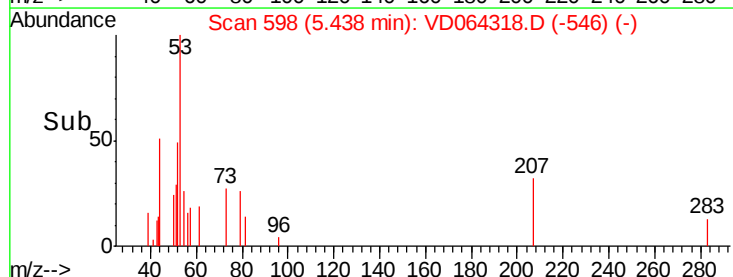
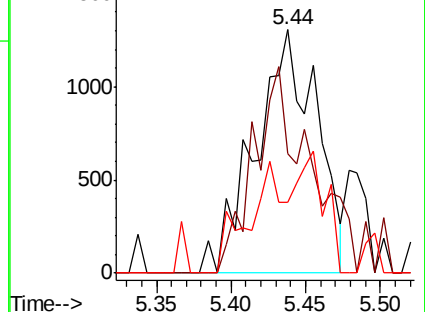
51 26.6 30.6 46.0#

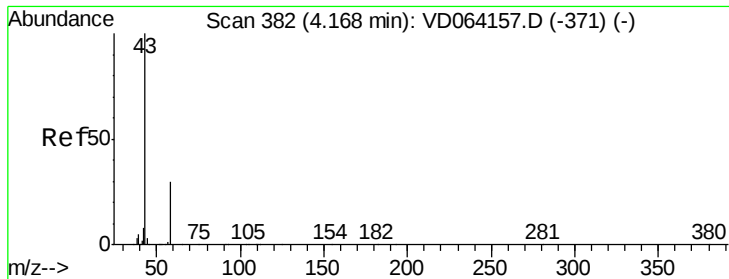


Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC

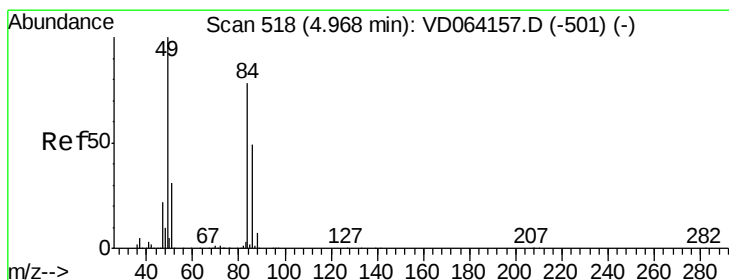
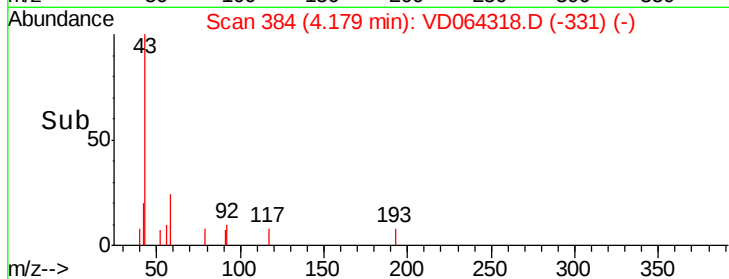
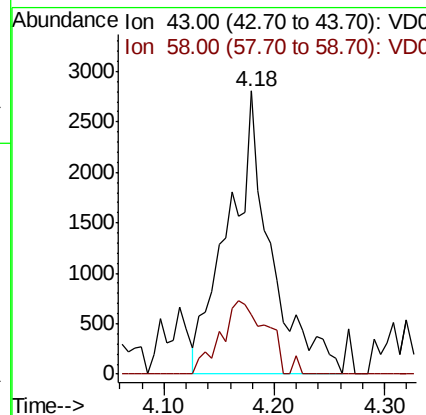
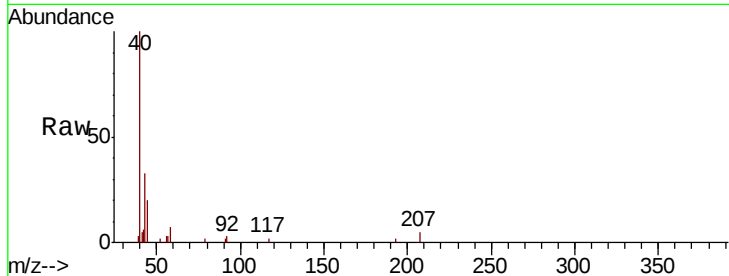




#16
Acetone
Concen: 4.420 ug/l
RT: 4.18 min Scan# 384
Delta R.T. 0.01 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

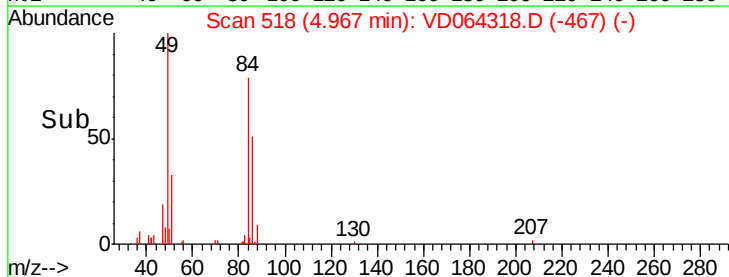
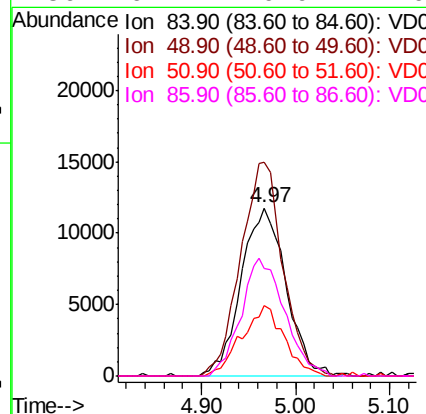
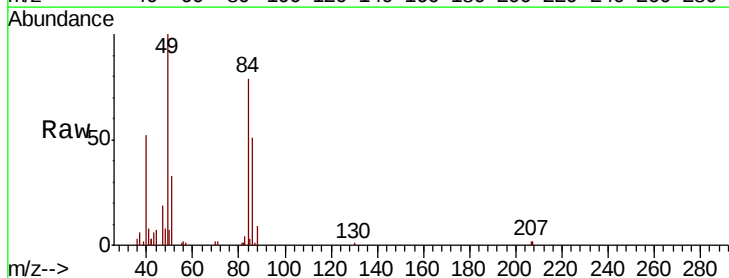
Instrument :
MSVOA_D
ClientSampleId :

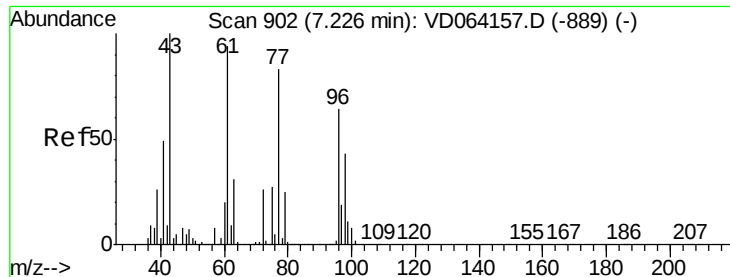
Tot Ion: 43 Resp: 7471
Ion Ratio Lower Upper
43 100
58 21.2 24.1 36.1#



#20
Methylene Chloride
Concen: 4.564 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Tgt Ion: 84 Resp: 38972
Ion Ratio Lower Upper
84 100
49 127.2 102.1 153.1
51 42.3 32.2 48.2
86 64.4 49.9 74.9





#25

2-Butanone

Concen: 3.680 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

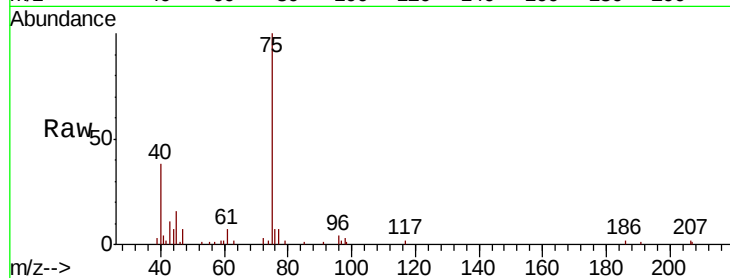
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 8036

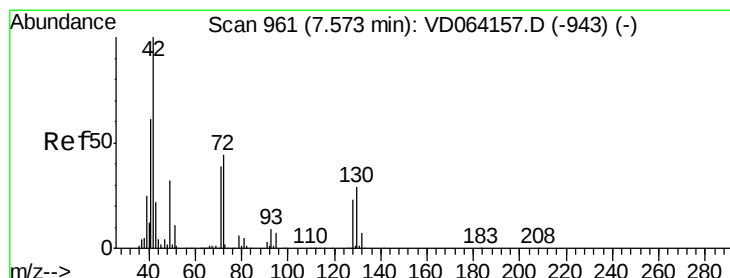
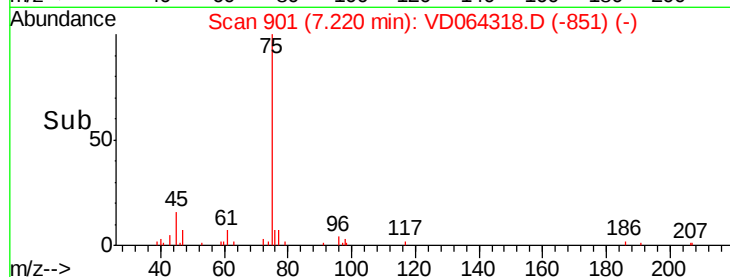
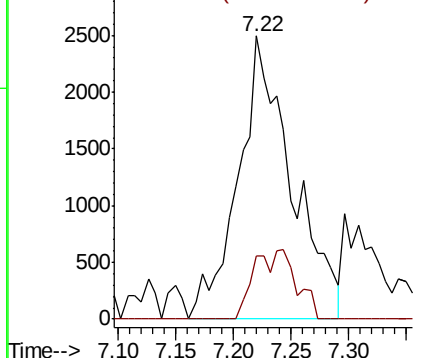
Ion Ratio Lower Upper

43 100

72 22.5 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 3.168 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

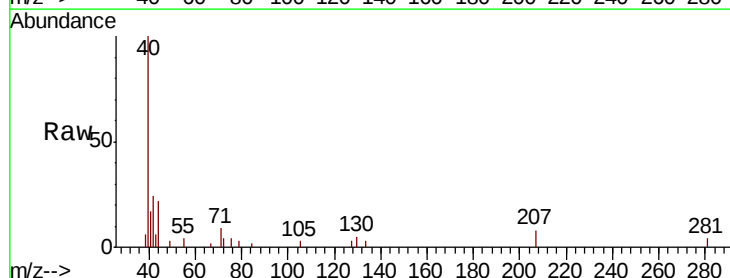
Tgt Ion: 42 Resp: 4157

Ion Ratio Lower Upper

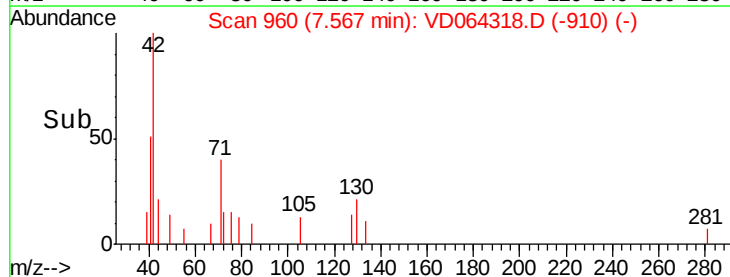
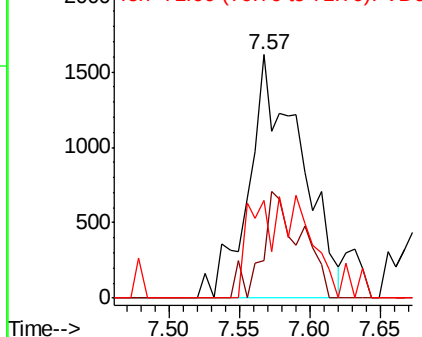
42 100

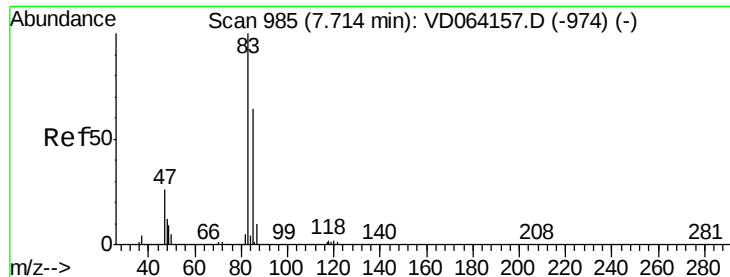
72 33.0 33.4 50.2#

71 18.0 31.0 46.4#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC





#30

Chloroform

Concen: 1.309 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

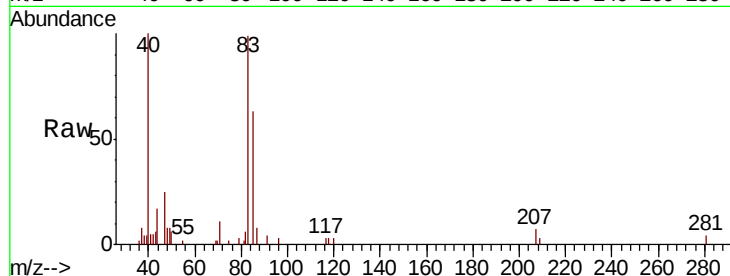
ClientSampleId :

Tot Ion: 83 Resp: 18587

Ion Ratio Lower Upper

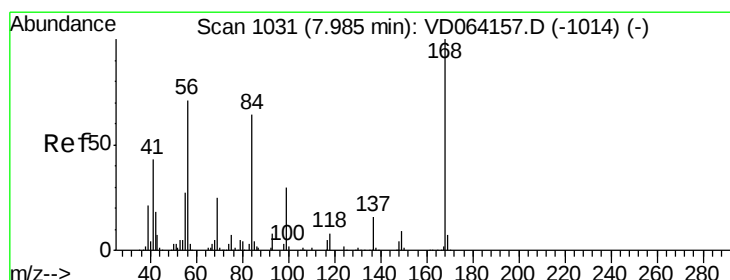
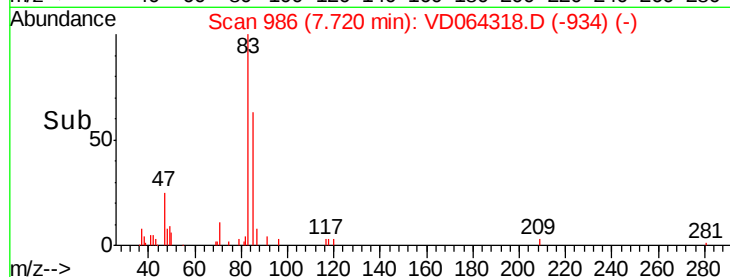
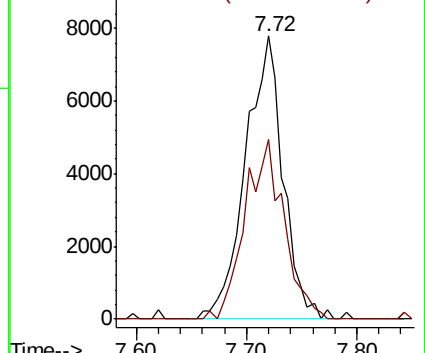
83 100

85 63.5 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC



#31

Cyclohexane

Concen: 3.575 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

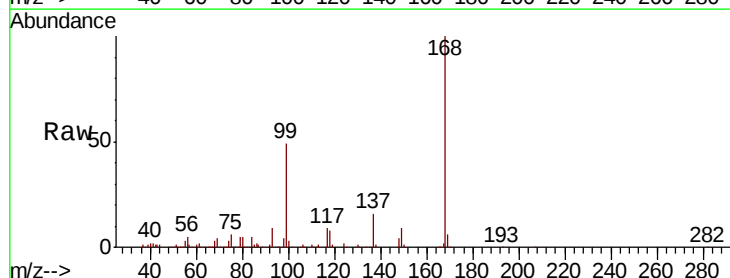
Tgt Ion: 56 Resp: 50058

Ion Ratio Lower Upper

56 100

69 80.8 28.2 42.4#

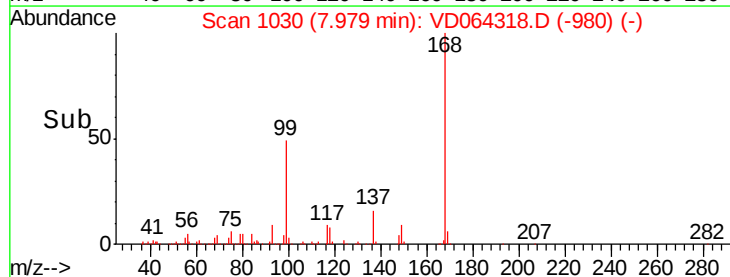
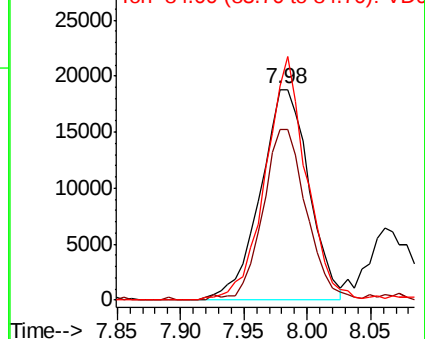
84 101.8 71.8 107.6

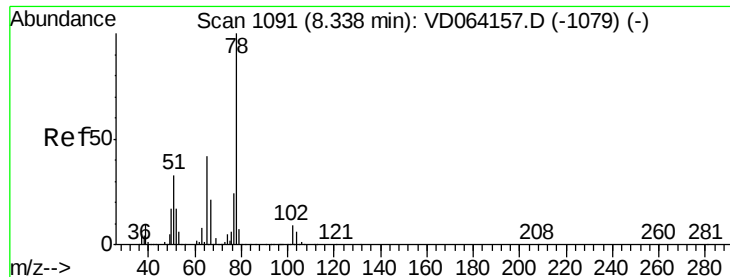


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

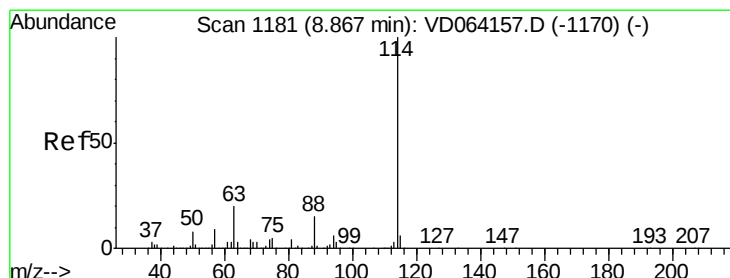
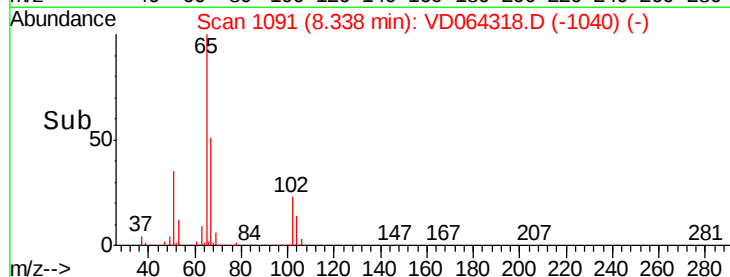
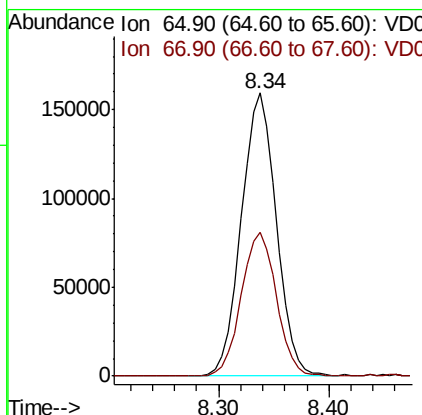
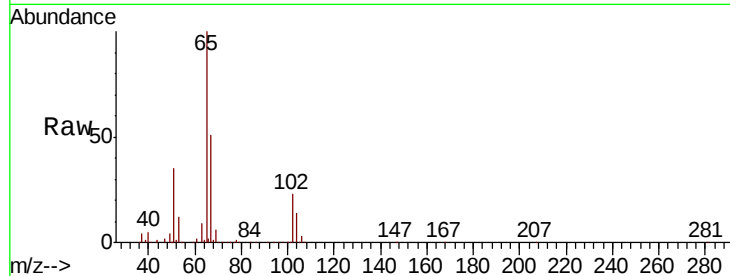




#33
 1,2-Dichloroethane-d4
 Concen: 49.781 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

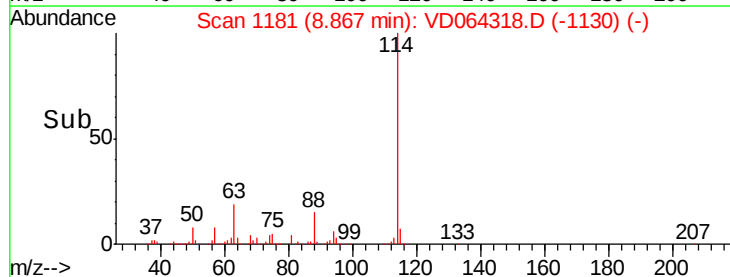
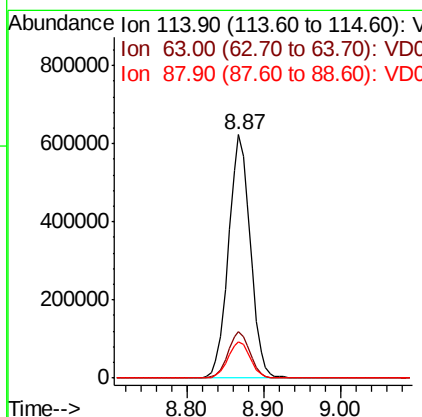
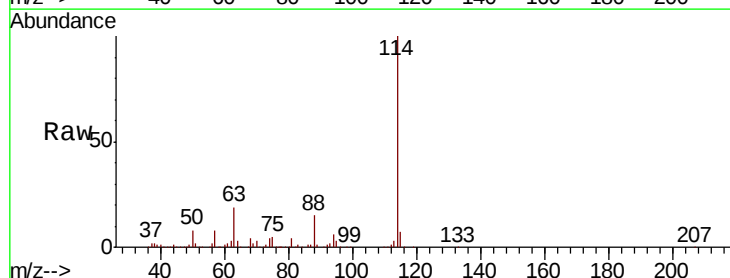
Instrument :
 MSVOA_D
 ClientSampleId :

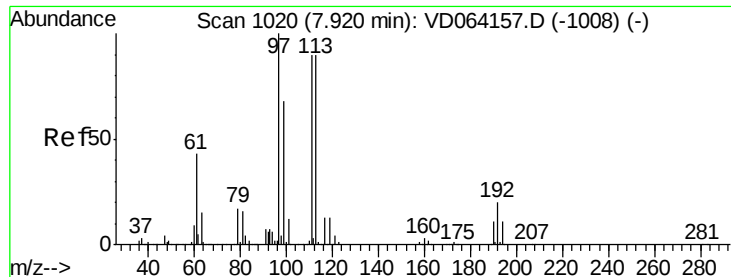
Tot Ion: 65 Resp: 355188
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Tgt Ion:114 Resp: 1236323
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.1 0.0 30.2

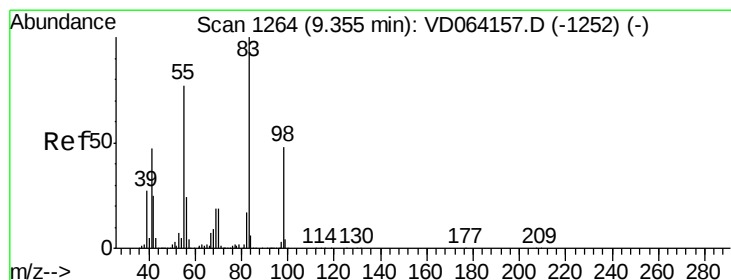
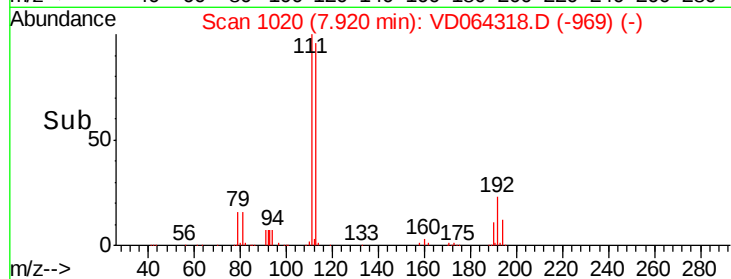
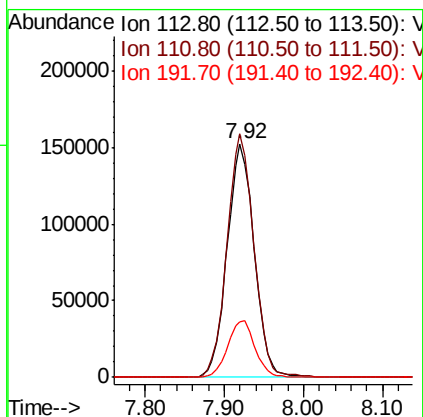
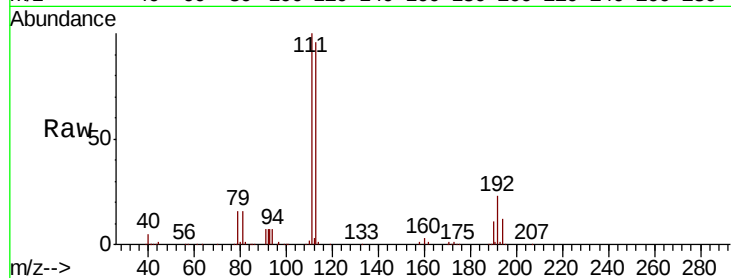




#35
 Dibromofluoromethane
 Concen: 50.678 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

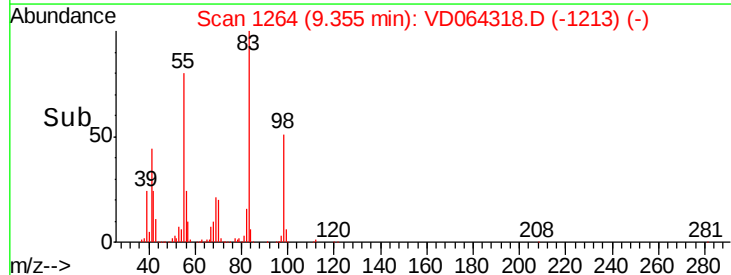
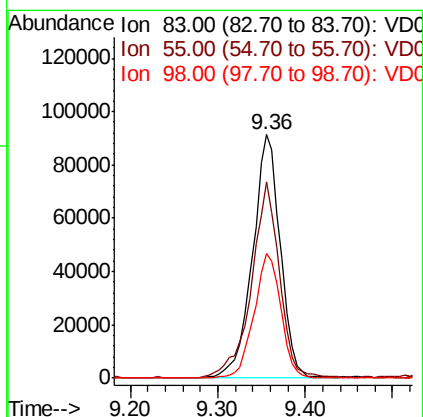
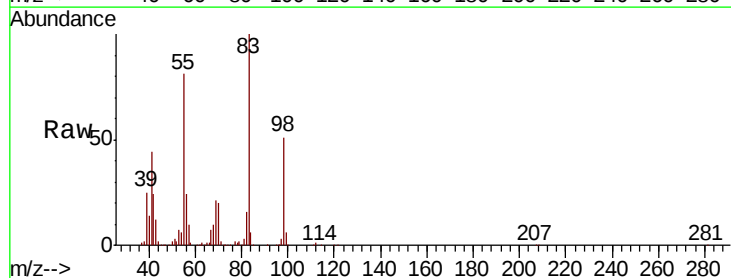
Instrument :
 MSVOA_D
 ClientSampleId :

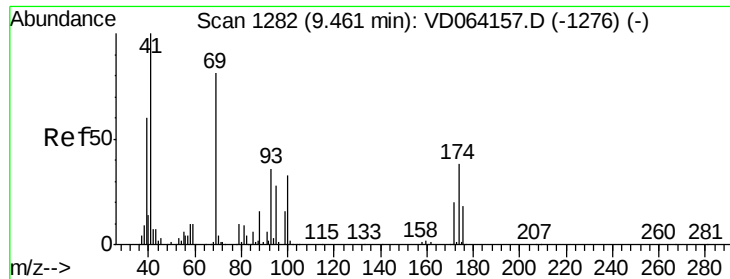
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.5	122.3
192	24.3	18.8	28.2



#39
 Methylcyclohexane
 Concen: 13.726 ug/l
 RT: 9.36 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.7	92.5
98	51.0	38.6	58.0

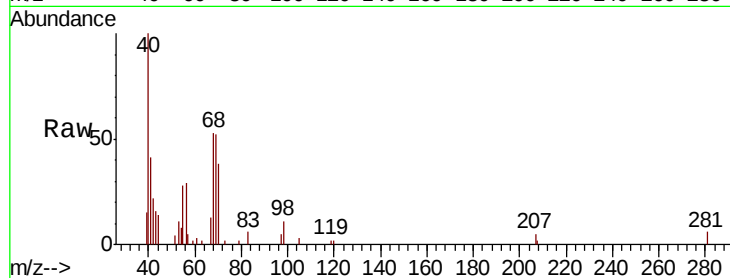




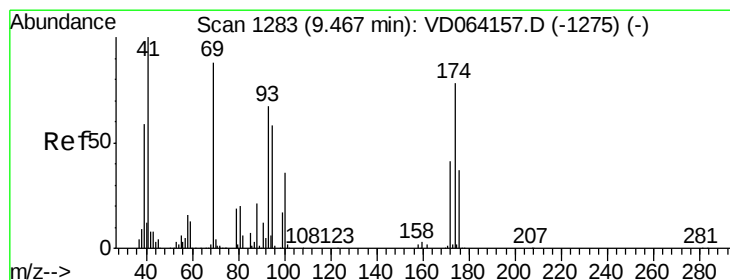
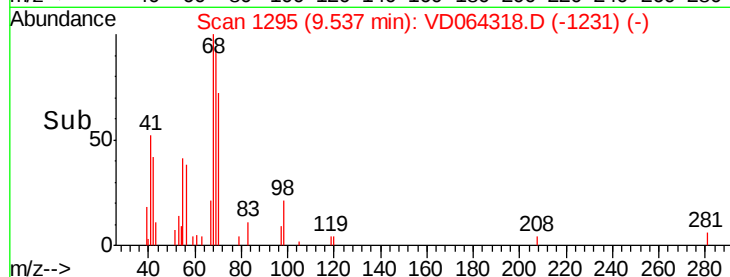
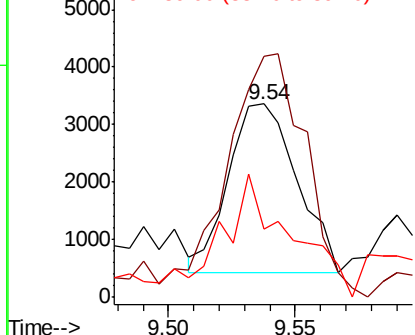
#48
Methyl methacrylate
Concen: 1.140 ug/l
RT: 9.54 min Scan# 1295
Delta R.T. 0.08 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 41 Resp: 5524
Ion Ratio Lower Upper
41 100
69 166.1 64.6 97.0#
39 74.7 48.2 72.2#

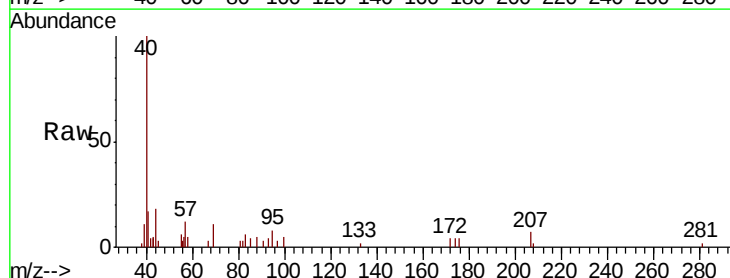


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

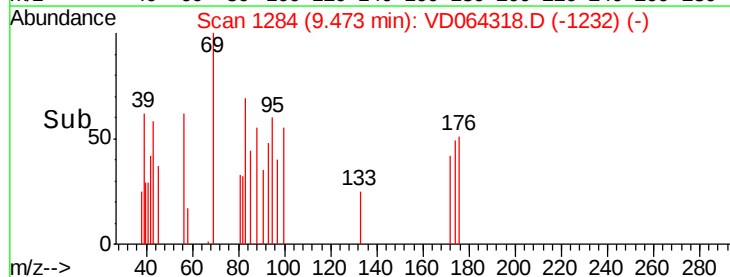
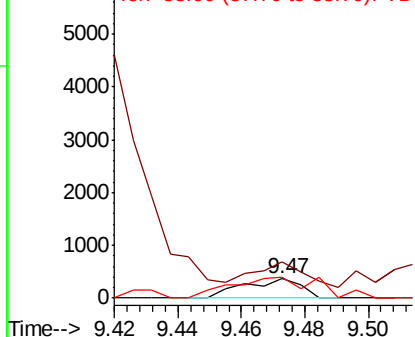


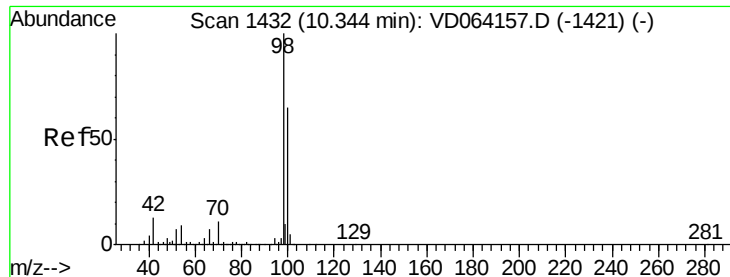
#49
1,4-Dioxane
Concen: 9.241 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Tgt Ion: 88 Resp: 451
Ion Ratio Lower Upper
88 100
43 160.8 29.8 44.8#
58 171.2 58.1 87.1#



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

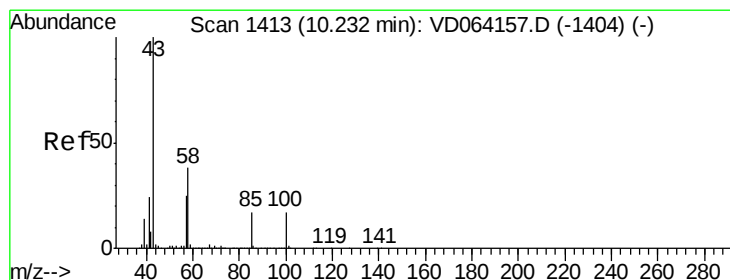
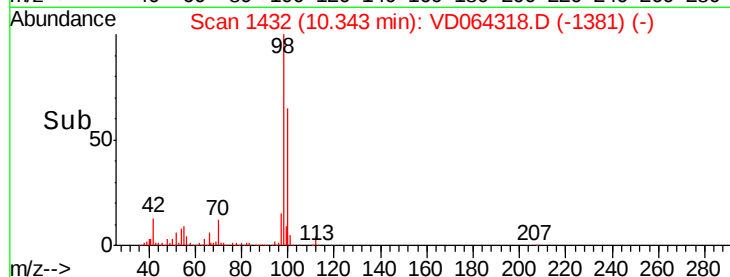
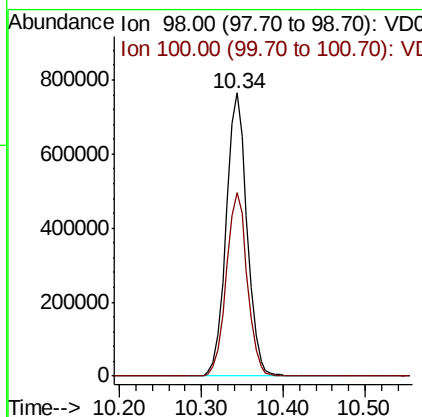
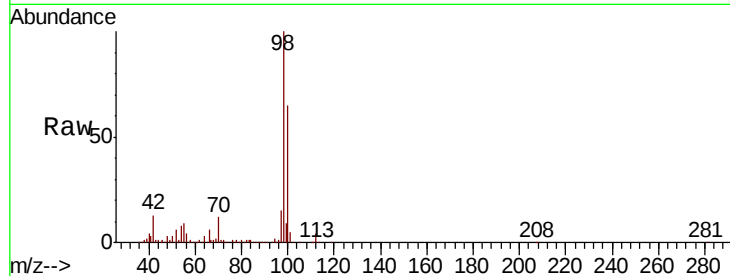




#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

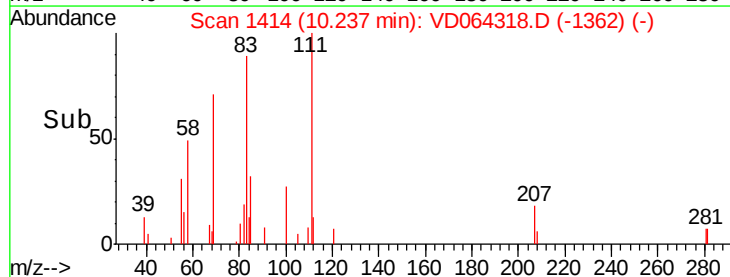
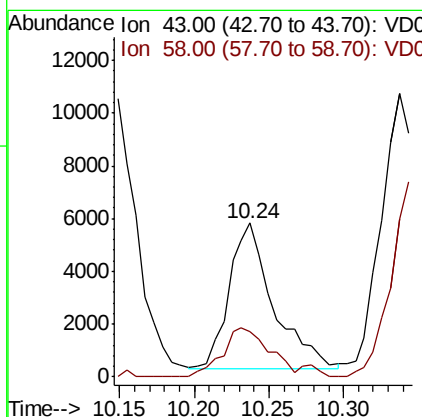
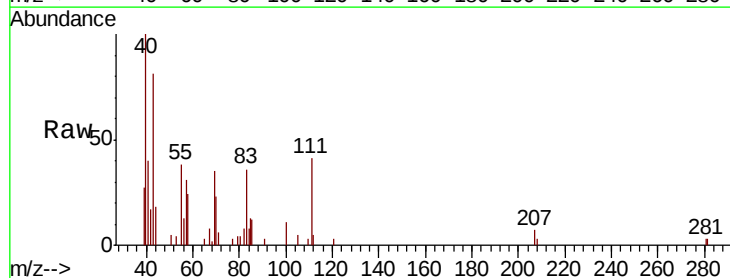
Instrument :
MSVOA_D
ClientSampleId :

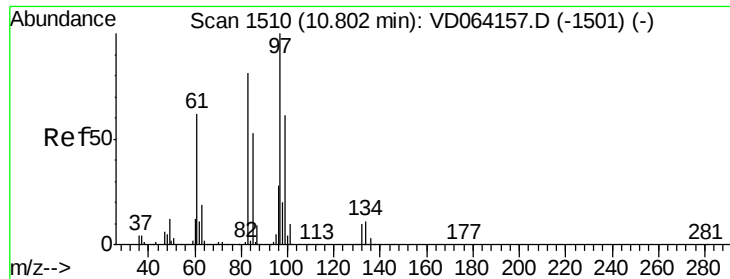
Tot Ion: 98 Resp: 1355375
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.412 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.01 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Tgt Ion: 43 Resp: 11465
Ion Ratio Lower Upper
43 100
58 35.2 30.2 45.4

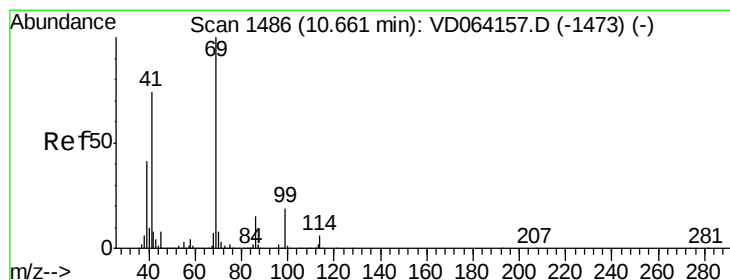
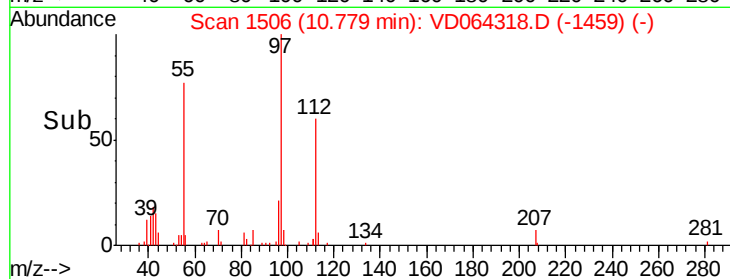
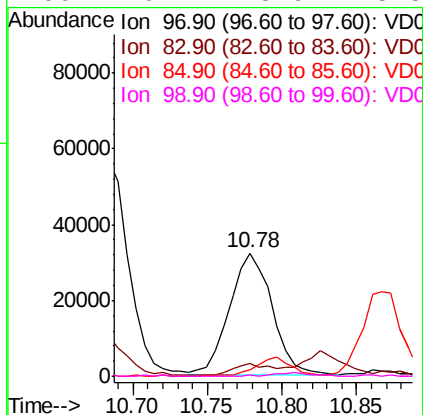
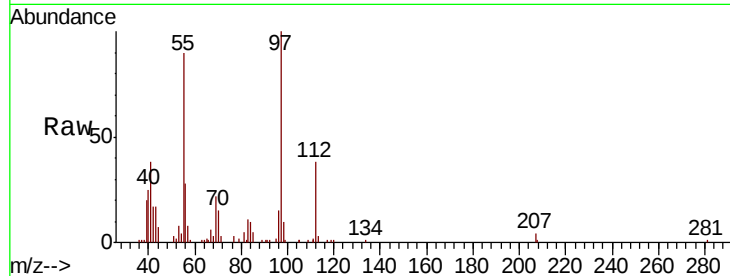




#55
 1,1,2-Trichloroethane
 Concen: 11.471 ug/l
 RT: 10.78 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

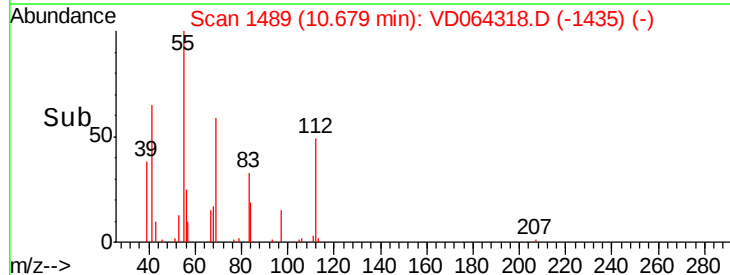
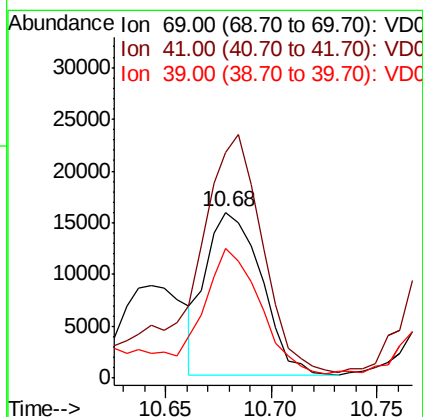
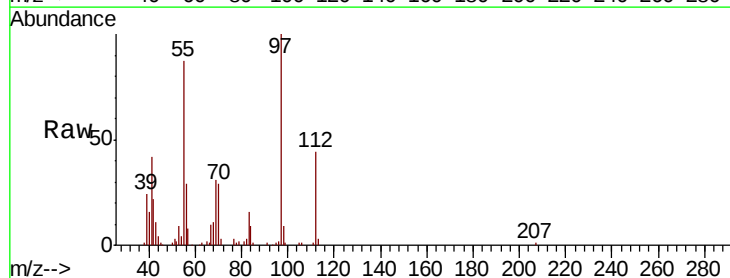
Instrument :
 MSVOA_D
 ClientSampled :

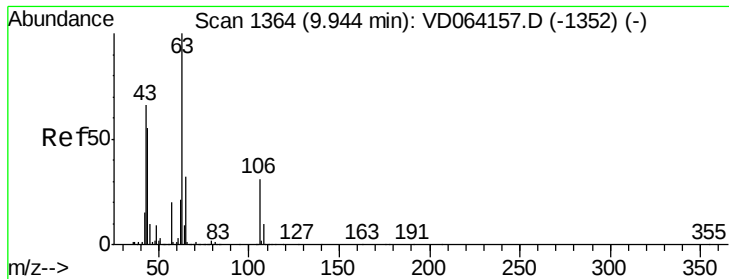
Tot Ion: 97 Resp: 63234
 Ion Ratio Lower Upper
 97 100
 83 10.0 65.1 97.7#
 85 4.9 42.0 63.0#
 99 0.7 48.9 73.3#



#56
 Ethyl methacrylate
 Concen: 3.704 ug/l
 RT: 10.68 min Scan# 1489
 Delta R.T. 0.02 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Tgt Ion: 69 Resp: 28564
 Ion Ratio Lower Upper
 69 100
 41 193.4 57.9 86.9#
 39 76.8 29.0 43.4#

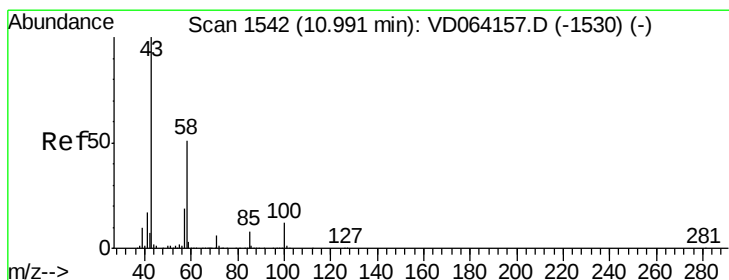
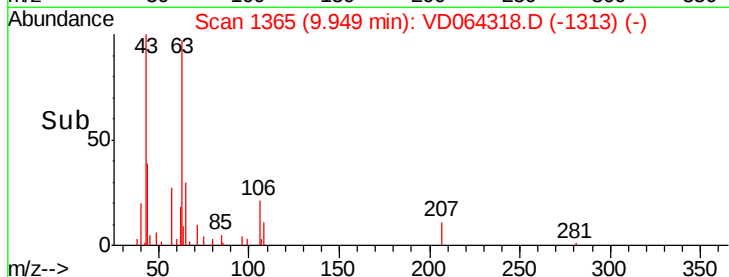
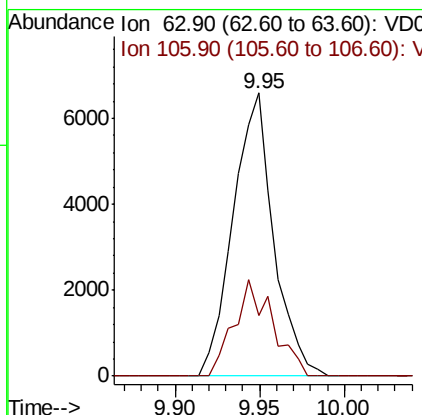
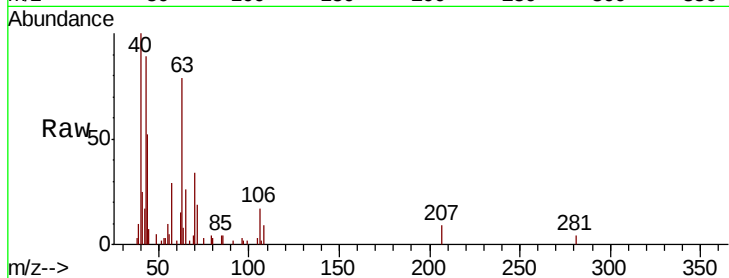




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.530 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

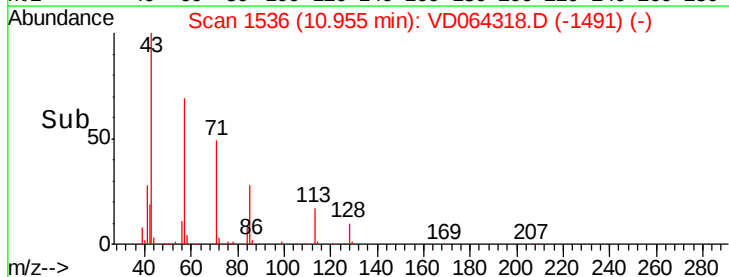
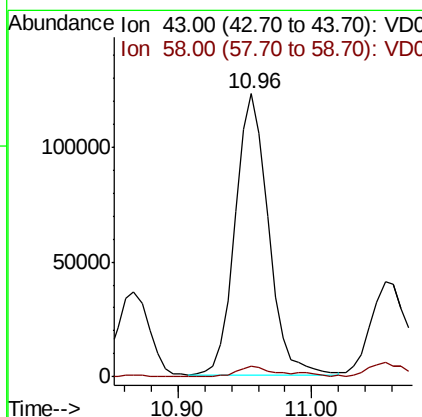
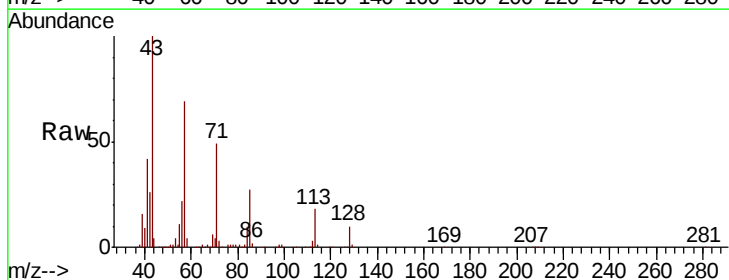
Instrument :
 MSVOA_D
 ClientSampleId :

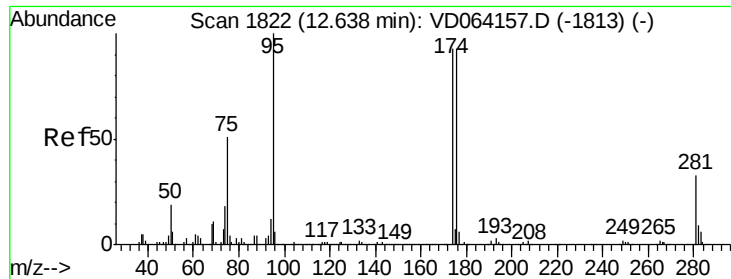
Tot Ion: 63 Resp: 11027
 Ion Ratio Lower Upper
 63 100
 106 32.4 24.1 36.1



#59
 2-Hexanone
 Concen: 62.645 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. -0.04 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Tgt Ion: 43 Resp: 211824
 Ion Ratio Lower Upper
 43 100
 58 3.9 25.9 77.7#

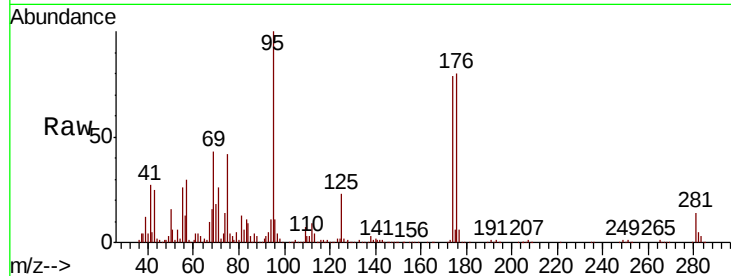




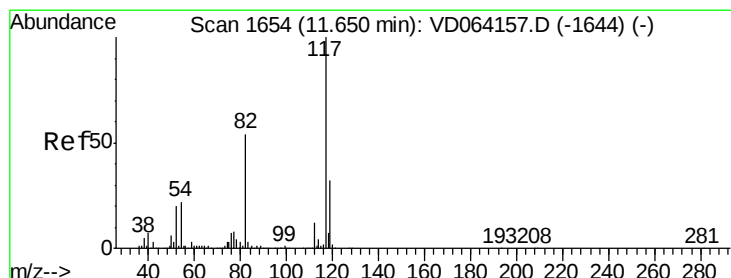
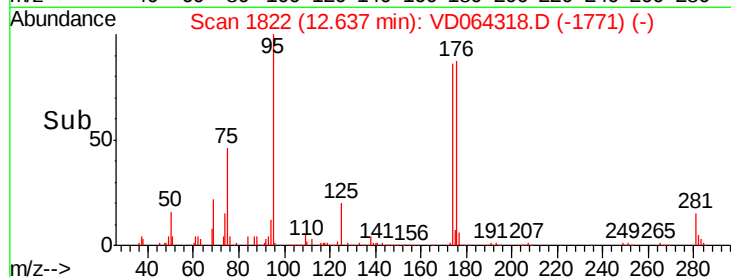
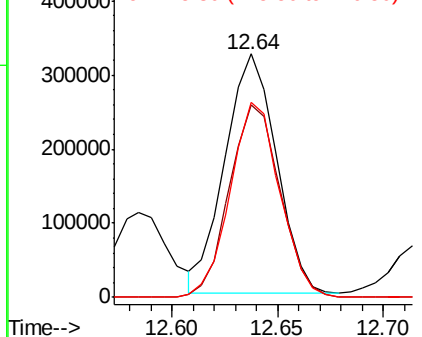
#62
4-Bromofluorobenzene
Concen: 58.578 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 543088
Ion Ratio Lower Upper
95 100
174 80.2 0.0 183.6
176 78.8 0.0 180.2

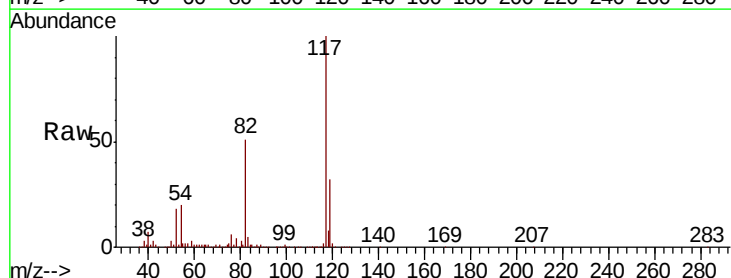


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

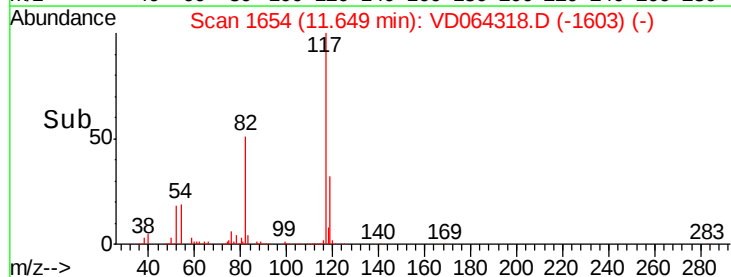
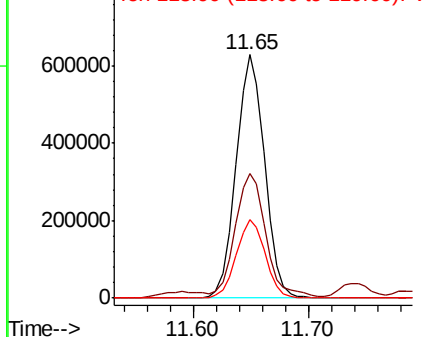


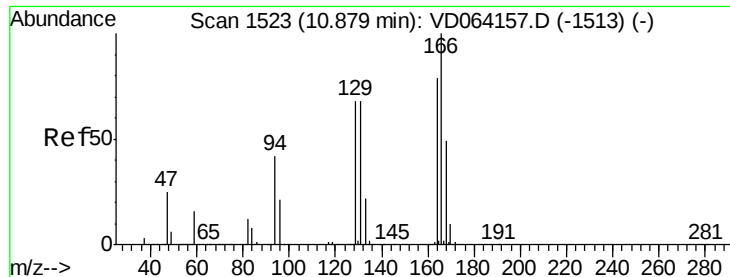
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Tgt Ion: 117 Resp: 1071264
Ion Ratio Lower Upper
117 100
82 48.9 42.8 64.2
119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.042 ug/l

RT: 10.88 min Scan# 1524

Delta R.T. 0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

ClientSampled :

Tot Ion:164 Resp: 8587

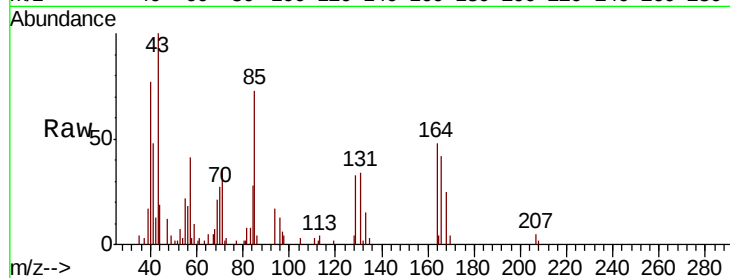
Ion Ratio Lower Upper

164 100

166 86.1 100.8 151.2#

129 68.6 68.7 103.1#

131 69.3 68.1 102.1

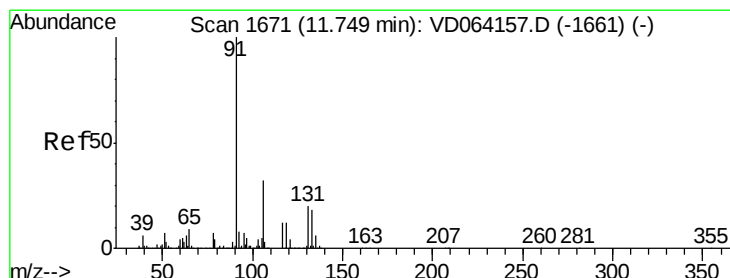
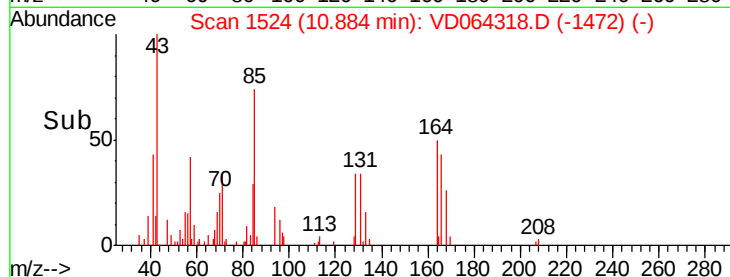
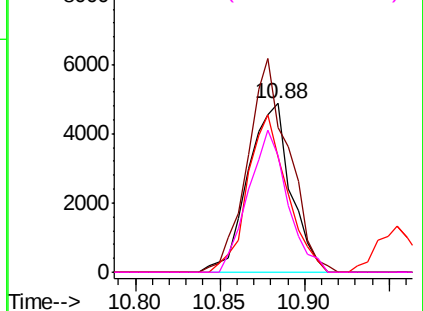


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 5.851 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064318.D

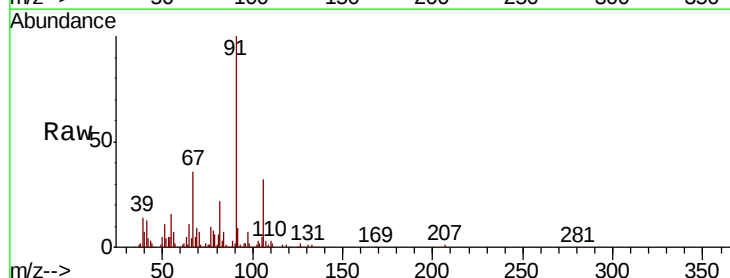
Acq: 20 Nov 2019 17:40

Tgt Ion: 91 Resp: 230534

Ion Ratio Lower Upper

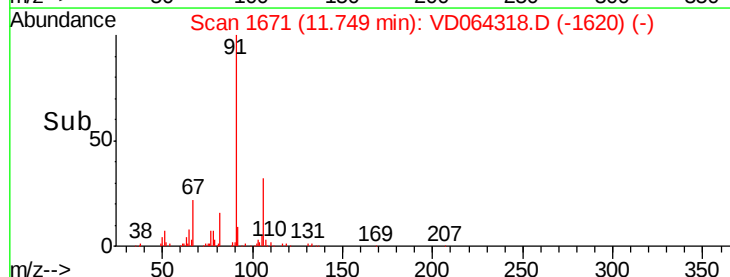
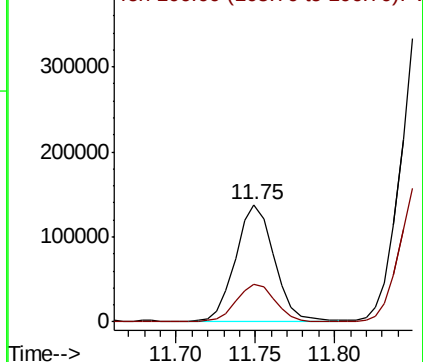
91 100

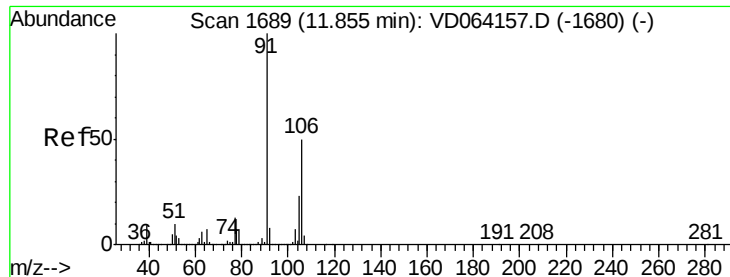
106 31.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

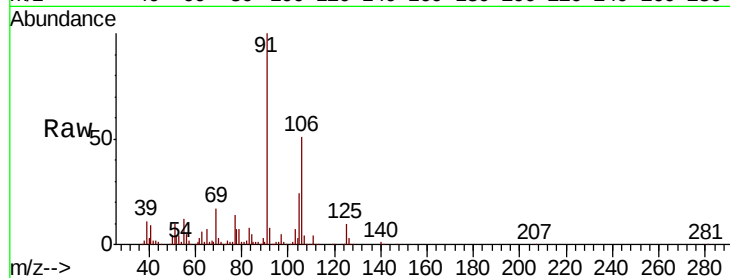




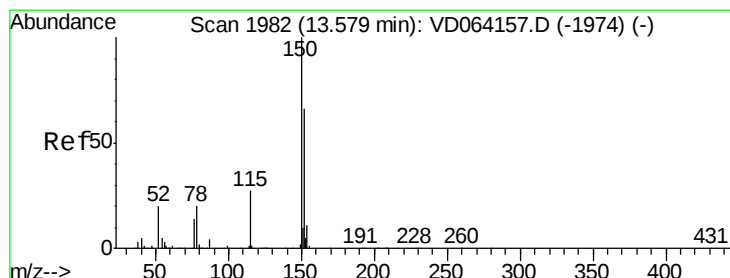
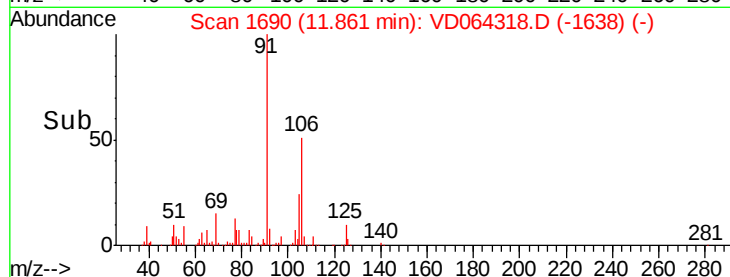
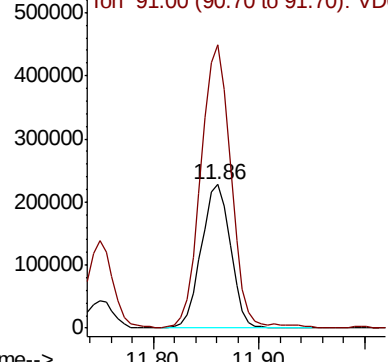
#68
m/p-Xvlenes
Concen: 28.819 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 435272
Ion Ratio Lower Upper
106 100
91 199.7 160.3 240.5

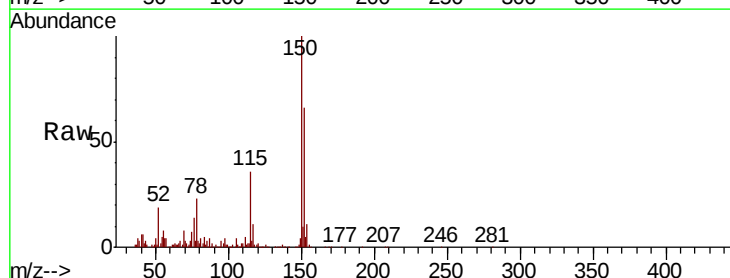


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

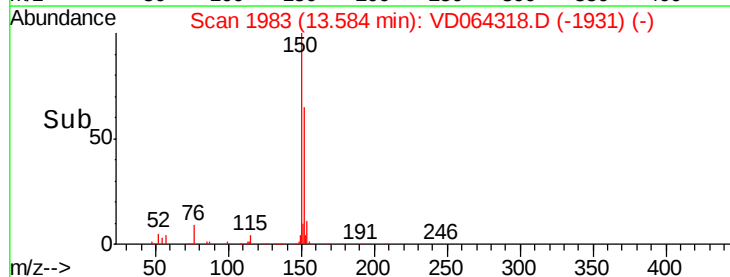
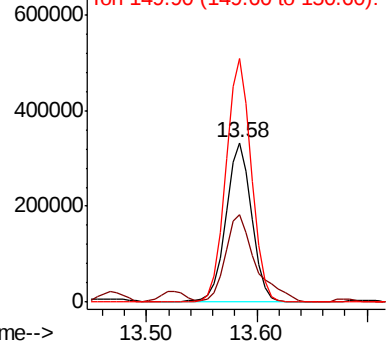


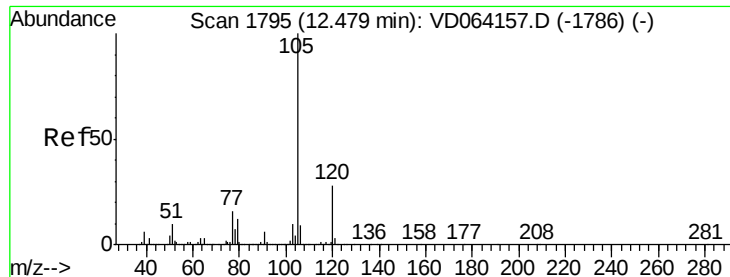
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Tgt Ion:152 Resp: 543740
Ion Ratio Lower Upper
152 100
115 63.7 27.4 82.2
150 151.0 0.0 351.6



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





#73

Isopropylbenzene

Concen: 14.895 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

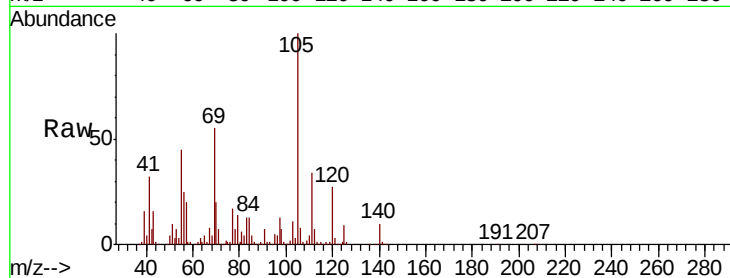
ClientSampleId :

Tot Ion:105 Resp: 594469

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

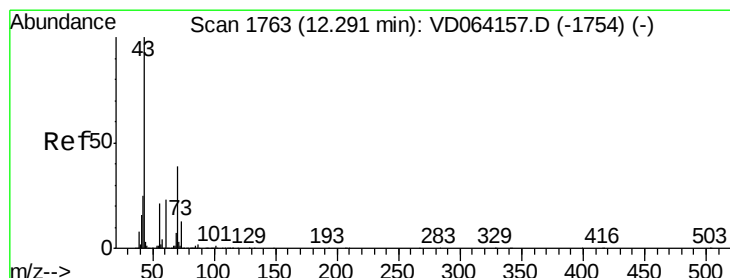
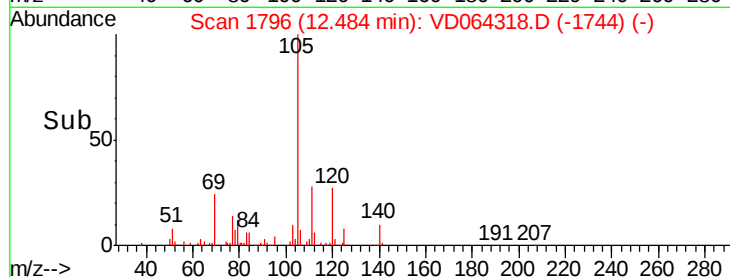
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 122.012 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Tgt Ion: 43 Resp: 1149922

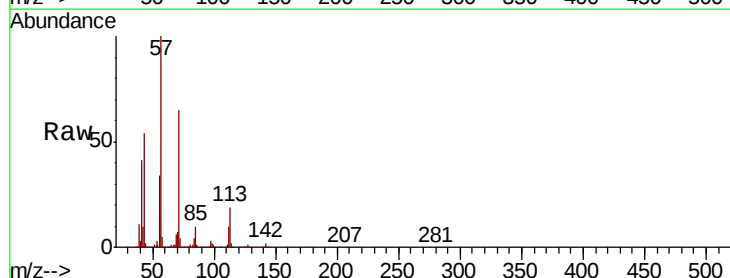
Ion Ratio Lower Upper

43 100

70 17.5 32.4 48.6#

55 0.0 17.9 26.9#

61 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

1000000

800000

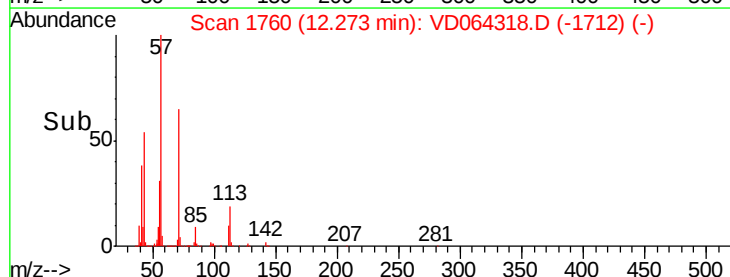
600000

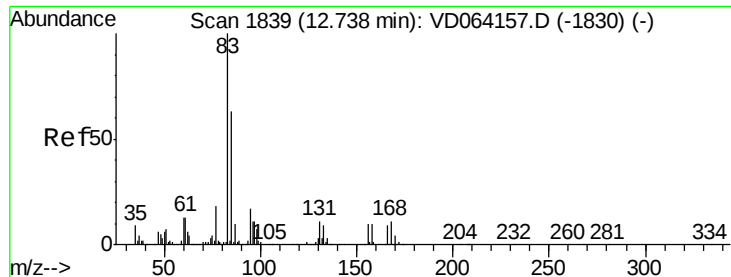
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 13.569 ug/l

RT: 12.71 min Scan# 1834

Delta R.T. -0.03 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

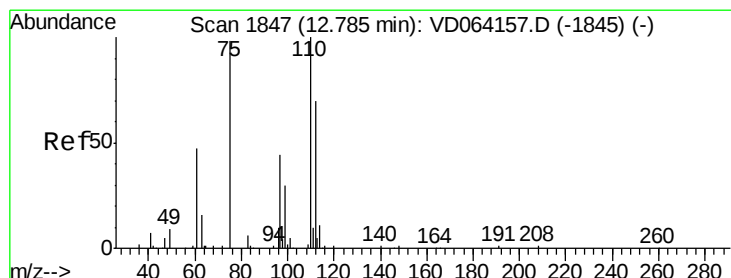
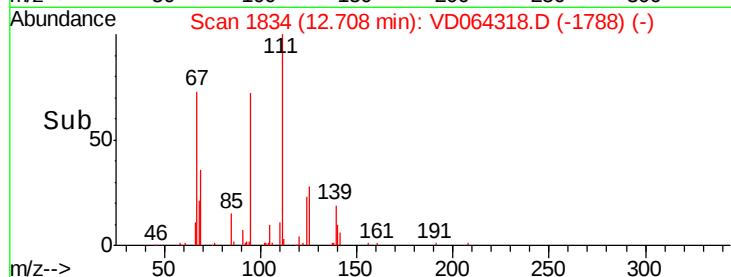
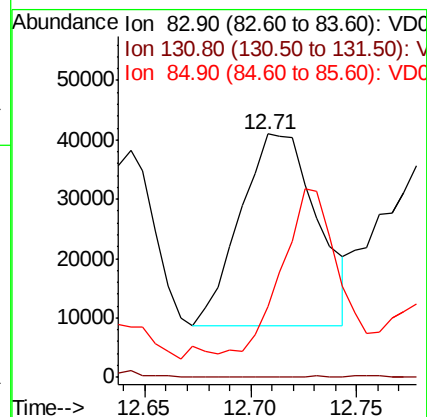
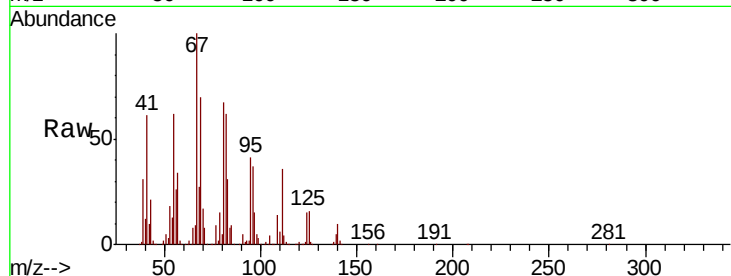
Tot Ion: 83 Resp: 81600

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 0.0 32.5 97.5#



#76

1,2,3-Trichloropropane

Concen: 2.409 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.04 min

Lab File: VD064318.D

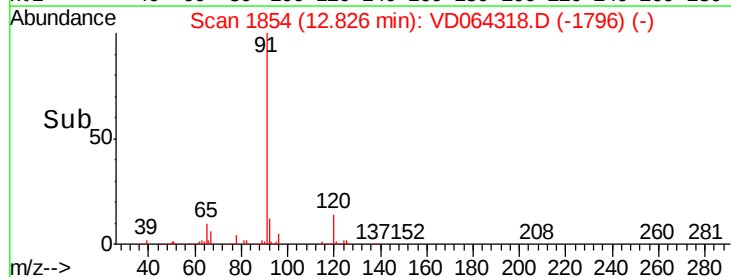
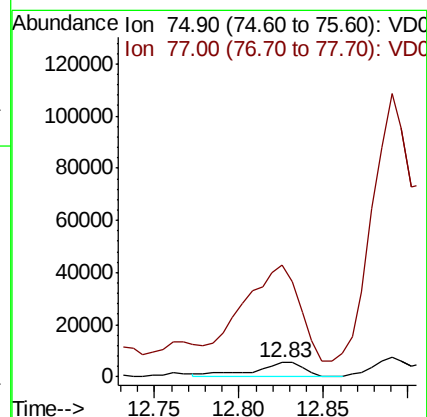
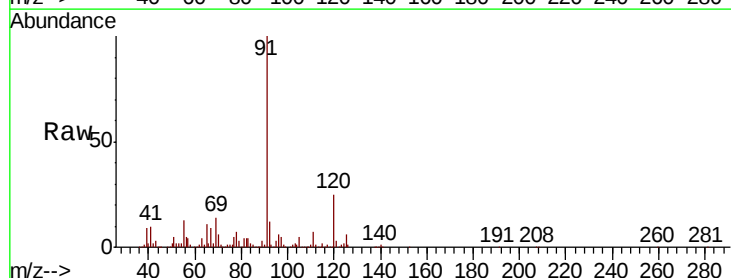
Acq: 20 Nov 2019 17:40

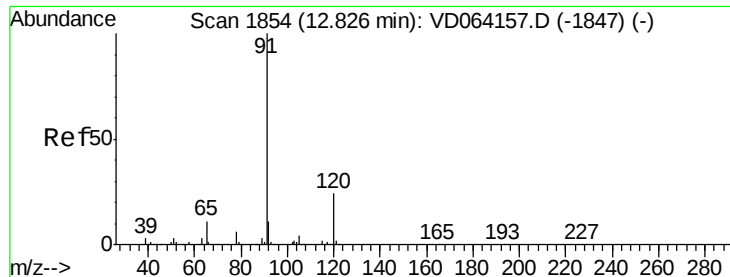
Tgt Ion: 75 Resp: 10550

Ion Ratio Lower Upper

75 100

77 881.0 0.0 0.0#





#78

n-propylbenzene

Concen: 30.681 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

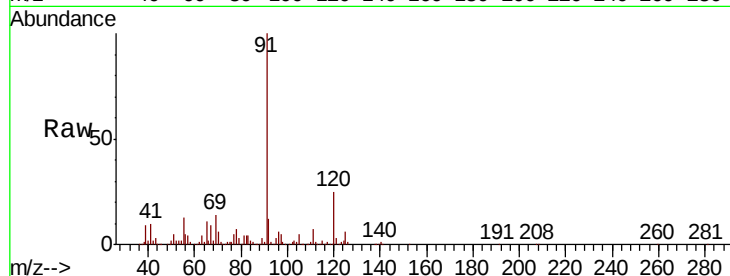
ClientSampled :

Tot Ion: 91 Resp: 1398977

Ion Ratio Lower Upper

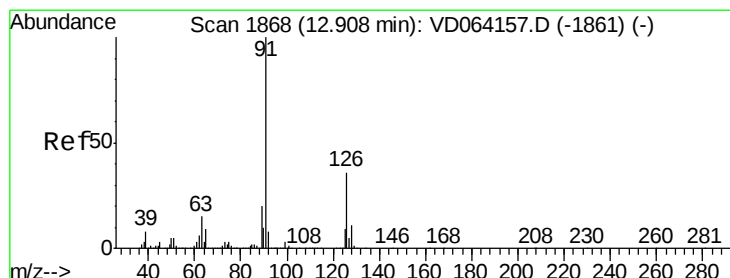
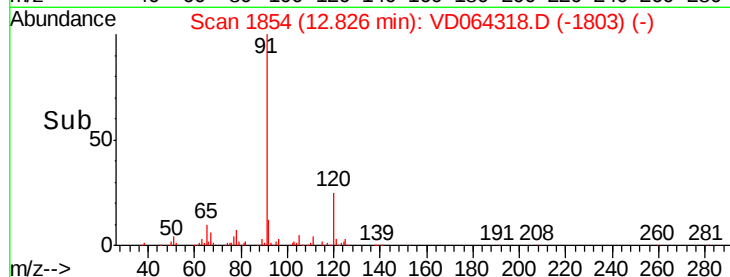
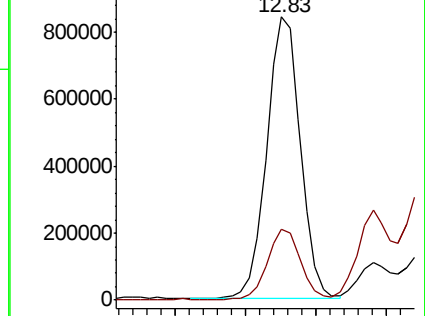
91 100

120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 6.327 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD064318.D

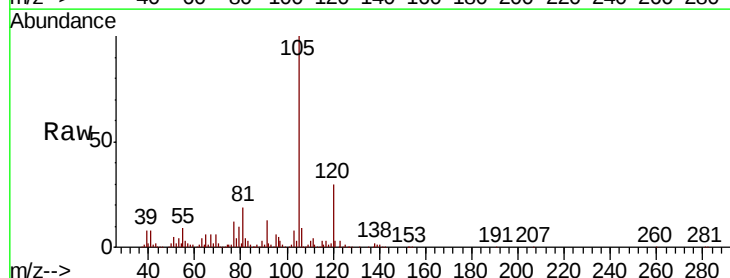
Acq: 20 Nov 2019 17:40

Tgt Ion: 91 Resp: 162880

Ion Ratio Lower Upper

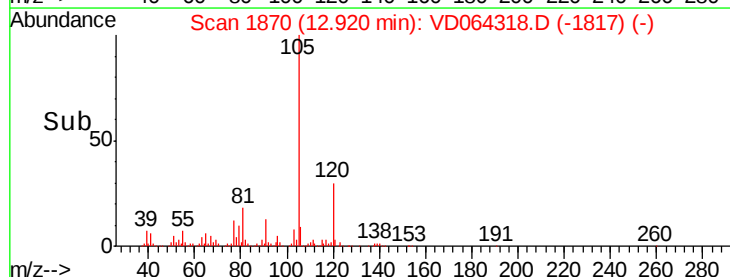
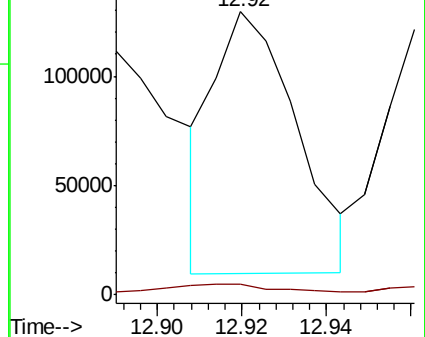
91 100

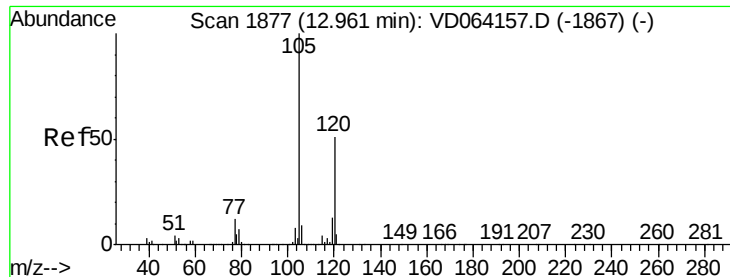
126 3.3 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

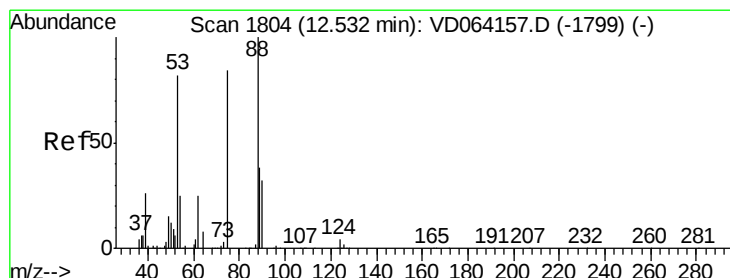
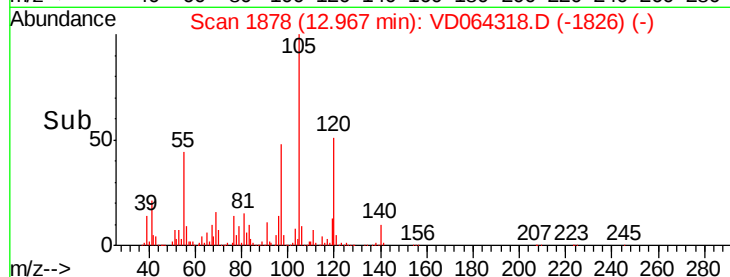
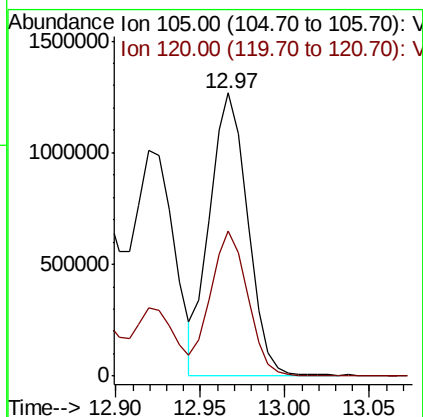
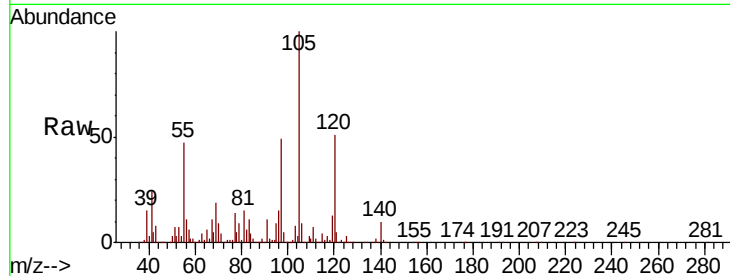




#80
 1,3,5-Trimethylbenzene
 Concen: 59.915 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

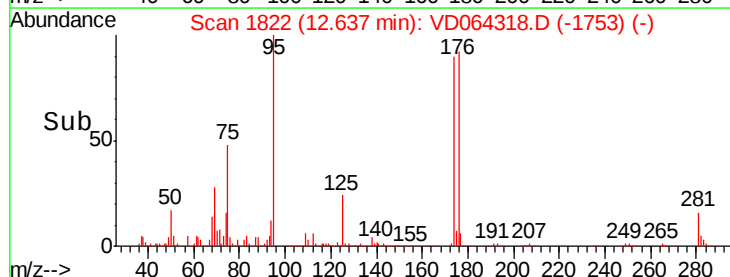
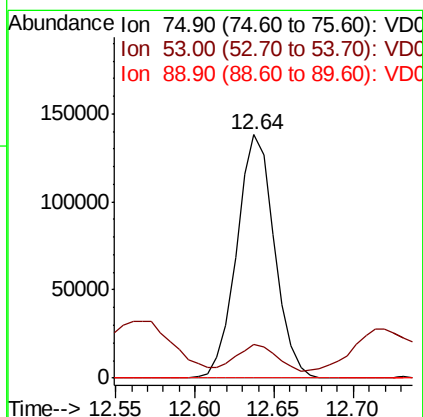
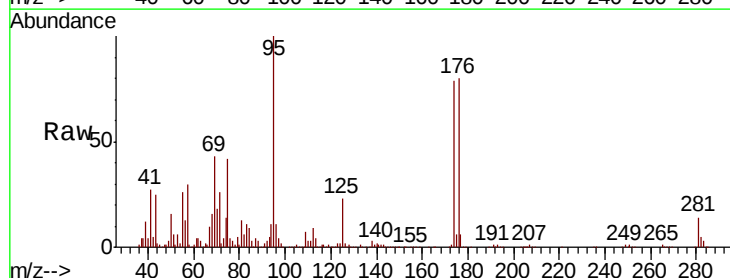
Instrument :
 MSVOA_D
 ClientSampleId :

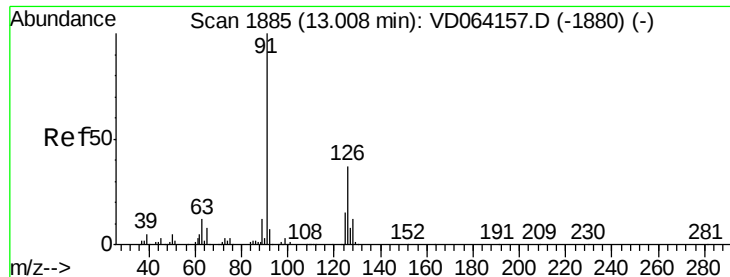
Tot Ion:105 Resp: 1964877
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.4 76.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.762 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Tgt Ion: 75 Resp: 226572
 Ion Ratio Lower Upper
 75 100
 53 11.0 79.4 119.0#
 89 0.0 36.6 55.0#





#82

4-Chlorotoluene

Concen: 7.283 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.04 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

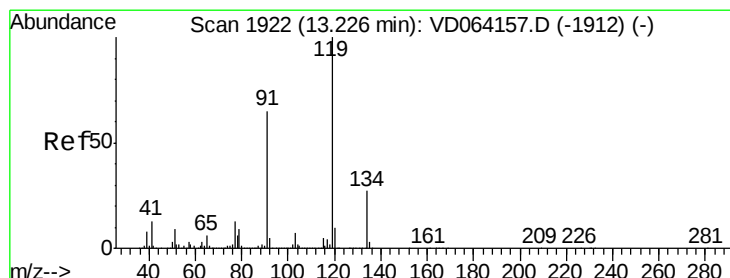
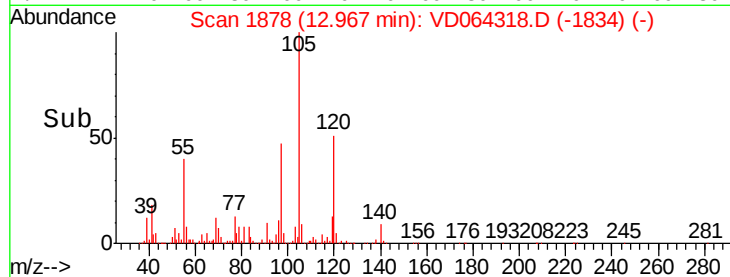
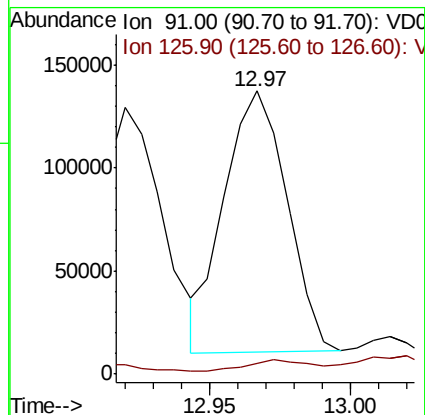
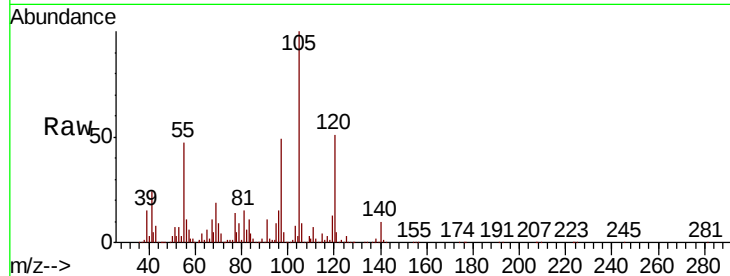
ClientSampleId :

Tot Ion: 91 Resp: 195568

Ion Ratio Lower Upper

91 100

126 5.2 17.8 53.4#



#83

tert-Butylbenzene

Concen: 2.875 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

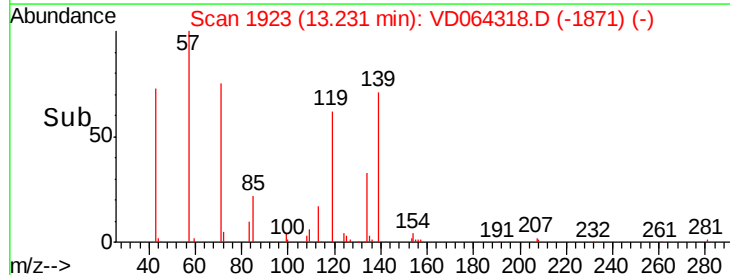
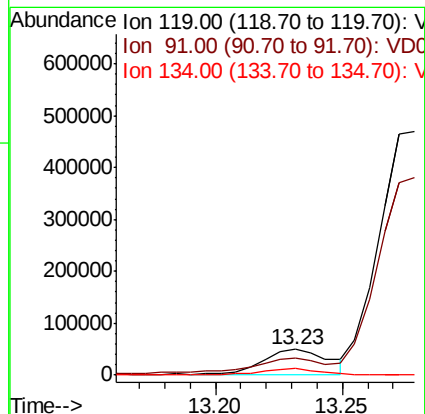
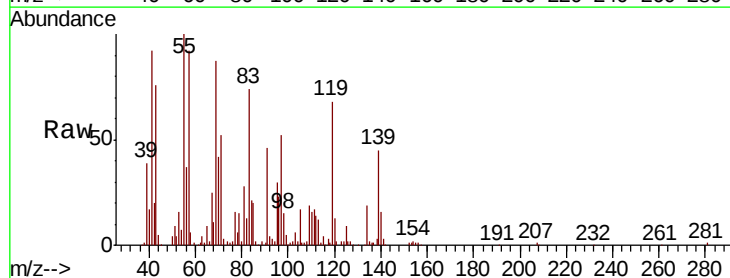
Tgt Ion: 119 Resp: 83126

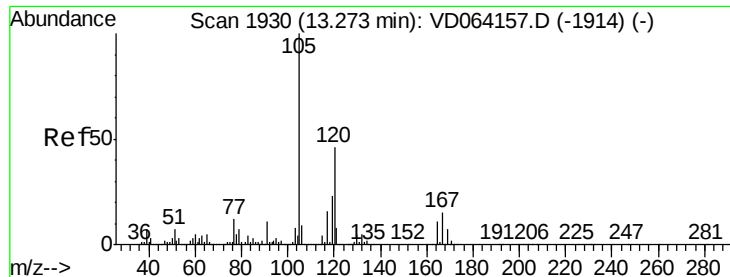
Ion Ratio Lower Upper

119 100

91 63.8 31.8 95.4

134 27.8 13.7 41.0





#84

1,2,4-Trimethylbenzene

Concen: 182.045 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

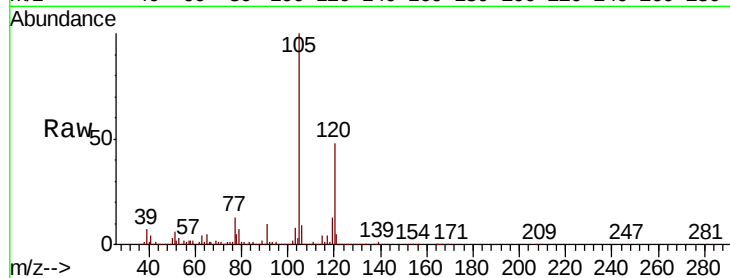
ClientSampleId :

Tot Ion:105 Resp: 5893989

Ion Ratio Lower Upper

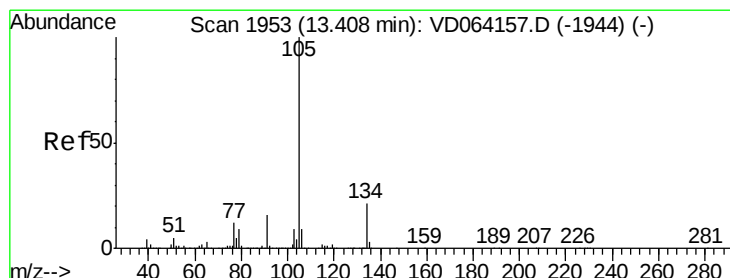
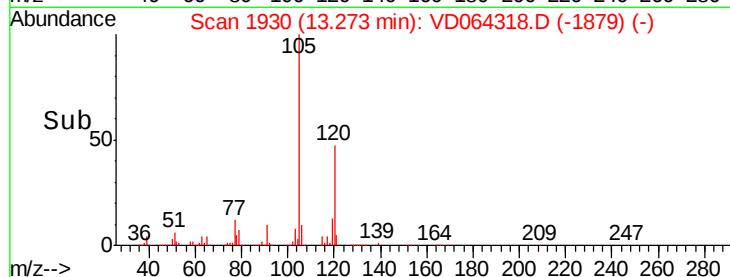
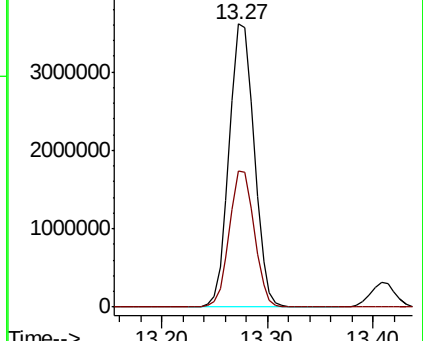
105 100

120 48.0 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 12.779 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064318.D

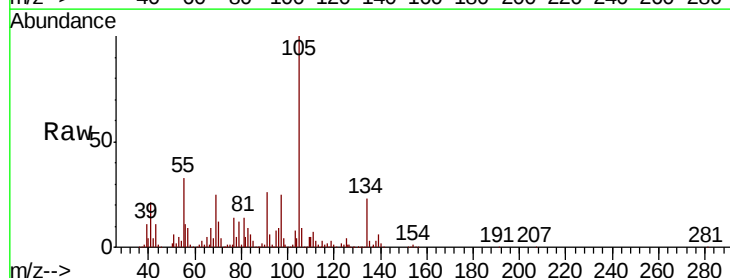
Acq: 20 Nov 2019 17:40

Tgt Ion:105 Resp: 496313

Ion Ratio Lower Upper

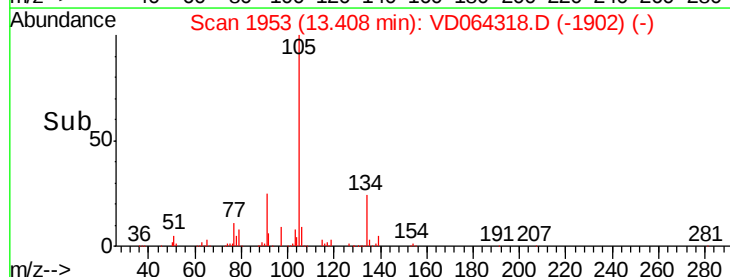
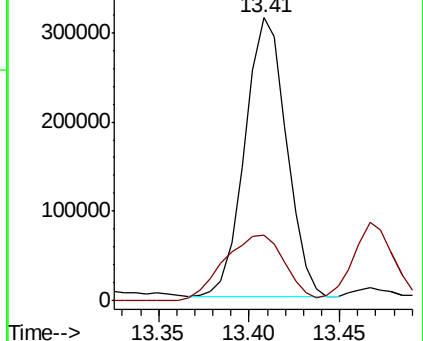
105 100

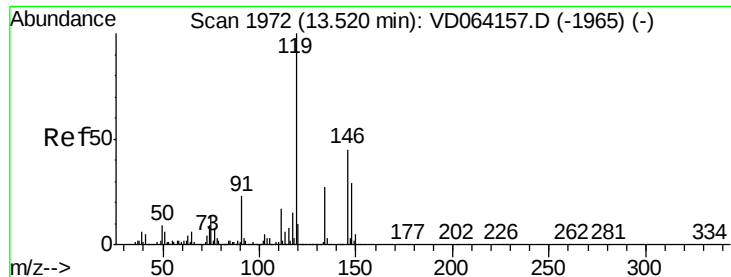
134 34.4 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

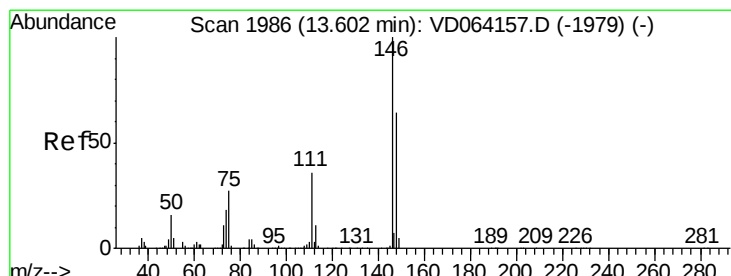
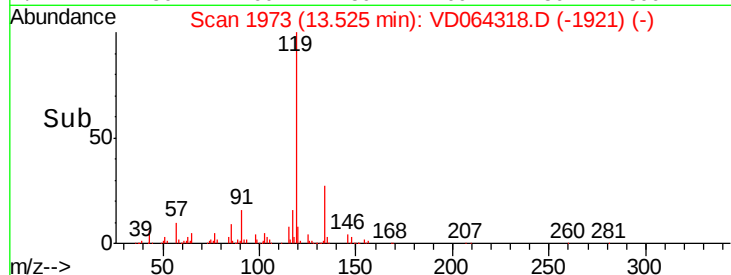
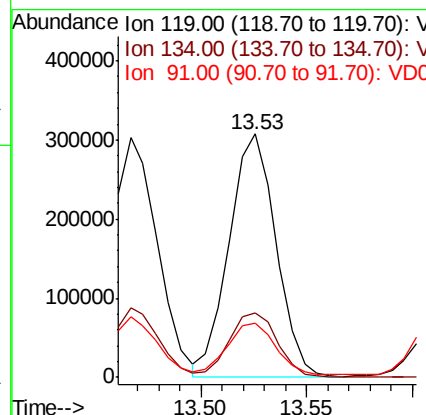
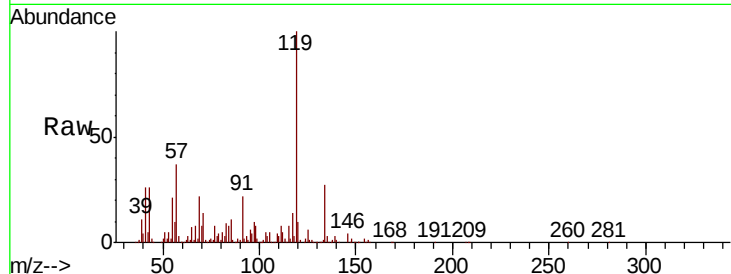




#86
 p-Isopropyltoluene
 Concen: 12.696 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

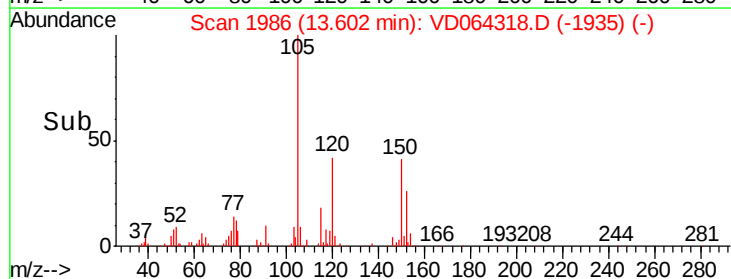
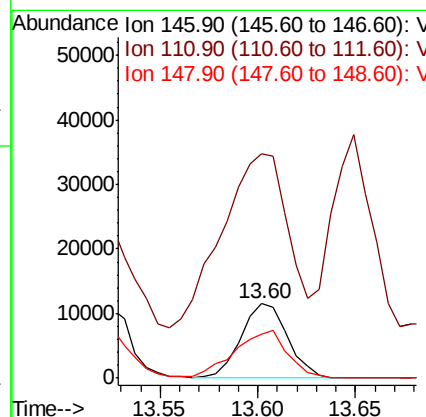
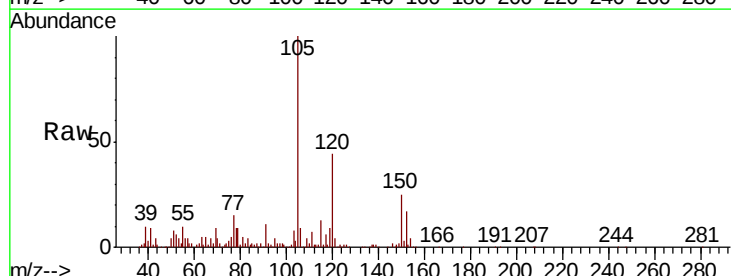
Instrument :
 MSVOA_D
 ClientSampleId :

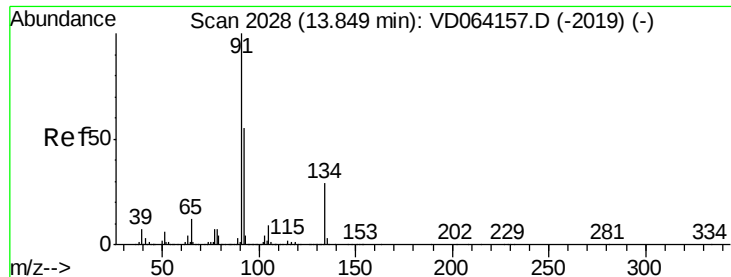
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.5	40.5
91	21.8	11.5	34.4



#88
 1,4-Dichlorobenzene
 Concen: 1.085 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	329.1	18.1	54.4#
148	73.3	31.9	95.7

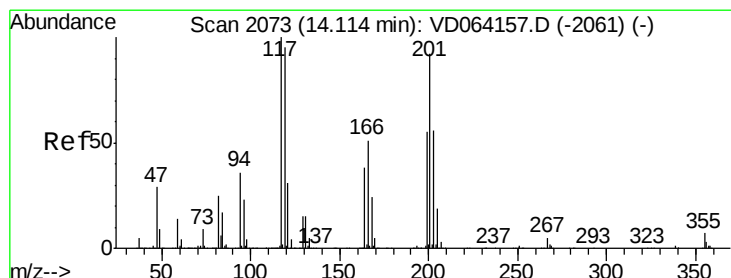
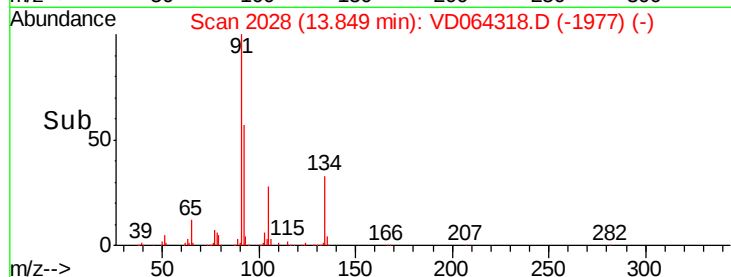
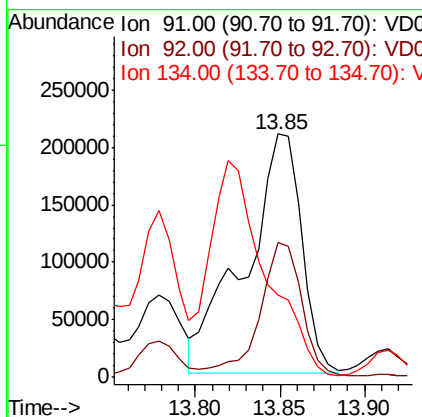
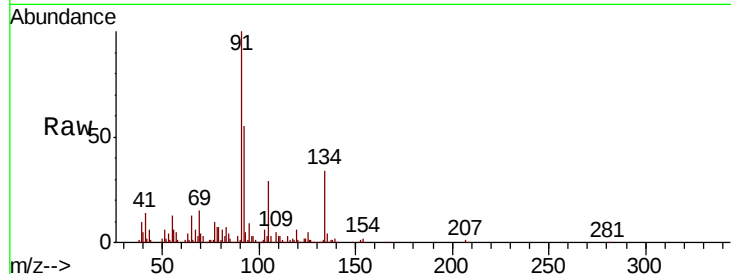




#89
n-Butylbenzene
Concen: 14.543 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

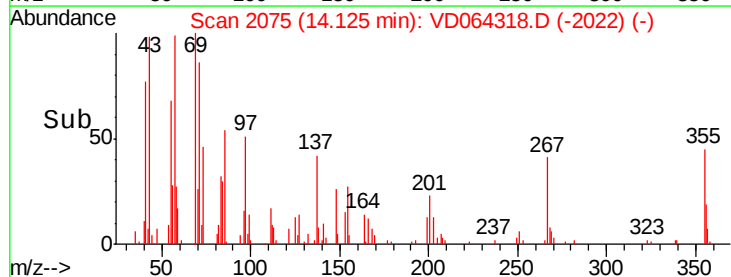
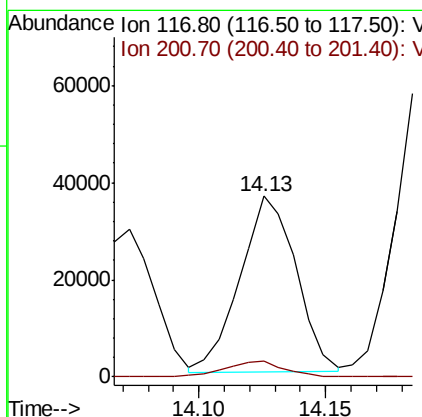
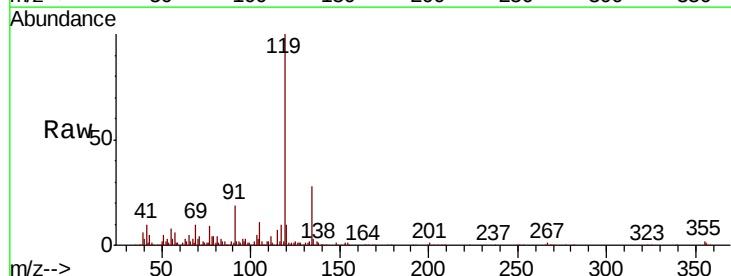
Instrument :
MSVOA_D
ClientSampleId :

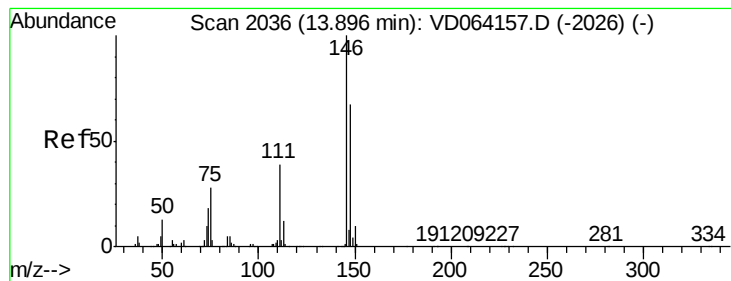
Tot Ion: 91 Resp: 485128
Ion Ratio Lower Upper
91 100
92 41.5 27.3 81.8
134 0.0 14.1 42.4#



#90
Hexachloroethane
Concen: 8.199 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD064318.D
Acq: 20 Nov 2019 17:40

Tgt Ion: 117 Resp: 55948
Ion Ratio Lower Upper
117 100
201 9.3 45.8 137.4#





#91

1,2-Dichlorobenzene

Concen: 1.005 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

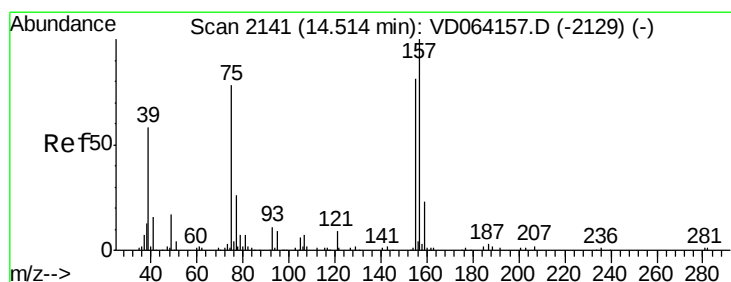
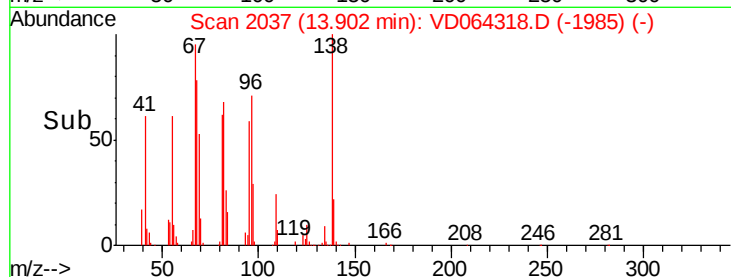
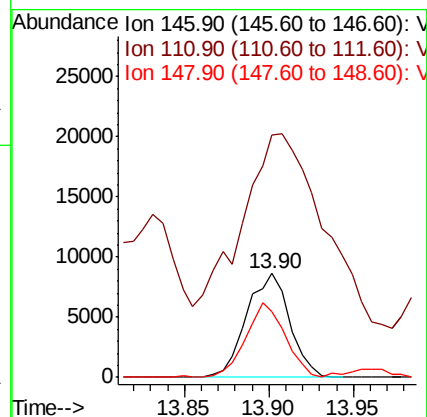
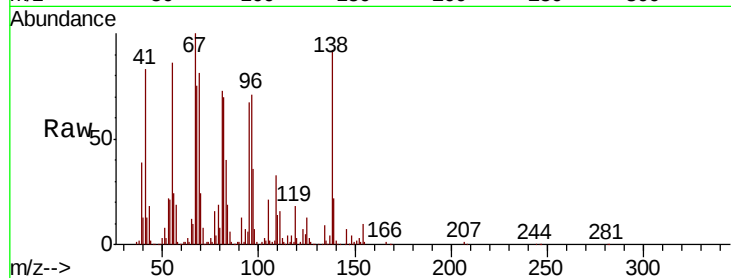
Tot Ion:146 Resp: 15307

Ion Ratio Lower Upper

146 100

111 354.4 19.7 59.0#

148 65.7 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.240 ug/l

RT: 14.53 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VD064318.D

Acq: 20 Nov 2019 17:40

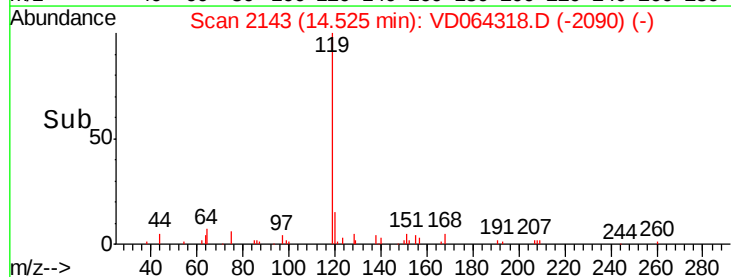
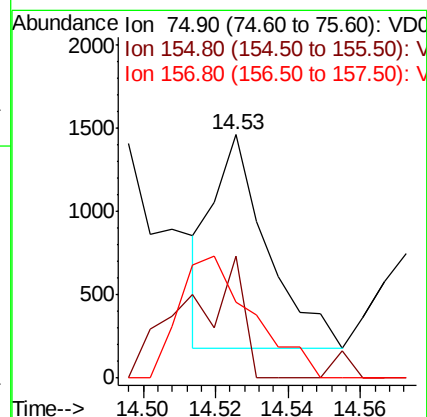
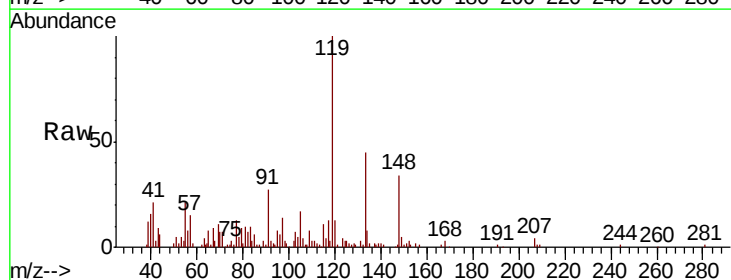
Tgt Ion: 75 Resp: 1333

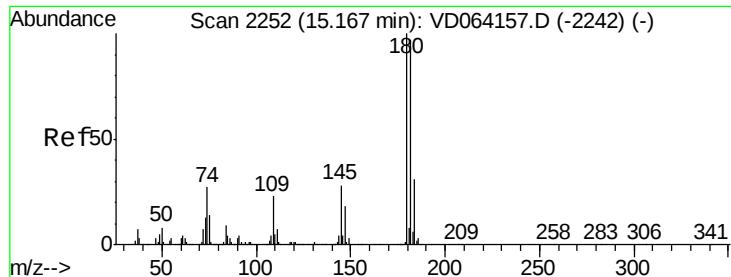
Ion Ratio Lower Upper

75 100

155 58.2 48.0 144.0

157 77.2 61.5 184.4

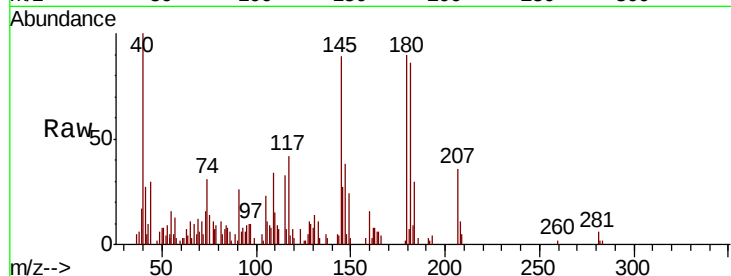




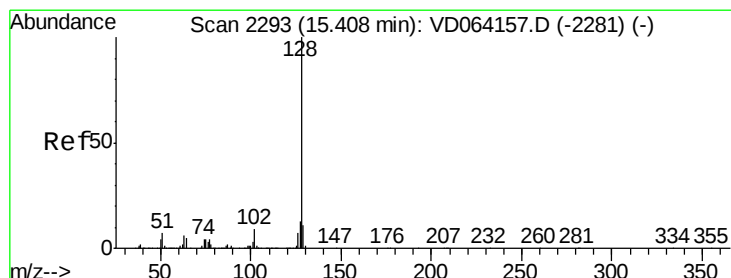
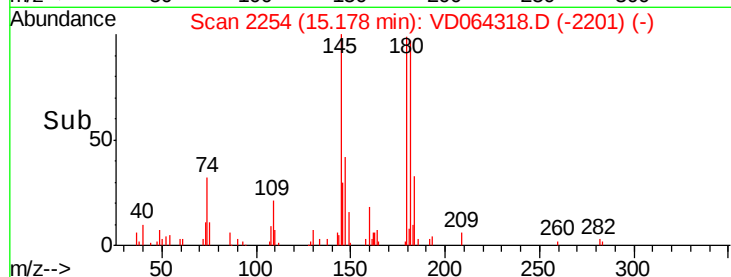
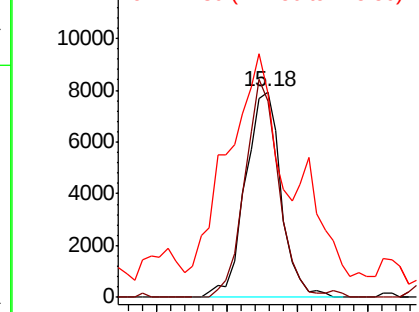
#93
 1,2,4-Trichlorobenzene
 Concen: 1.198 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 14075
 Ion Ratio Lower Upper
 180 100
 182 99.6 47.5 142.5
 145 141.9 14.2 42.6#

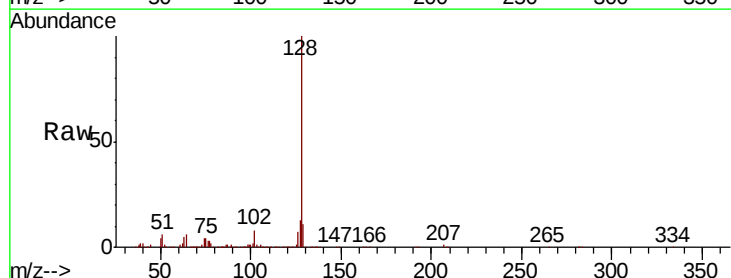


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

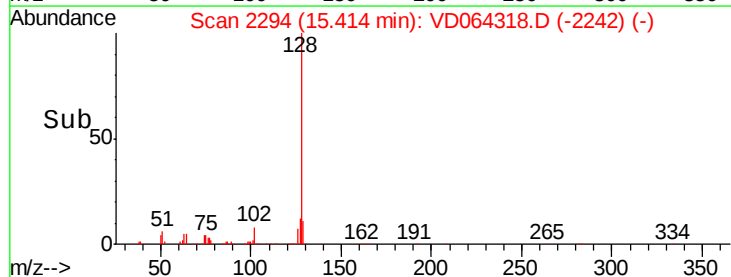
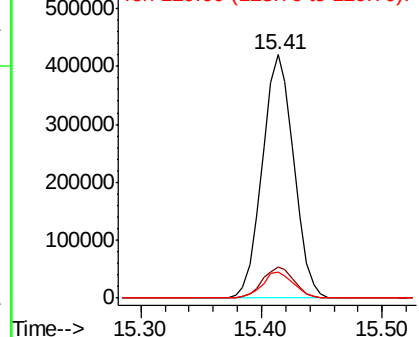


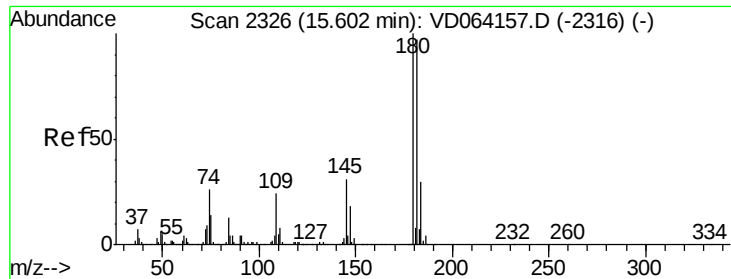
#95
 Naphthalene
 Concen: 39.314 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Tgt Ion:128 Resp: 757339
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.5 15.7
 129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

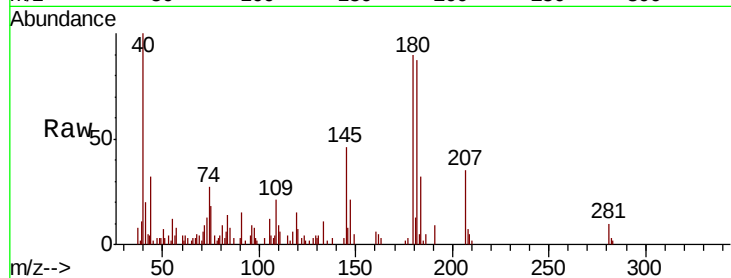




#96
 1,2,3-Trichlorobenzene
 Concen: 1.329 ug/l
 RT: 15.61 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: VD064318.D
 Acq: 20 Nov 2019 17:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.5	48.3	144.9
145	81.3	15.3	45.8#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

