

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062593.D
 Acq On : 3 Jun 2019 18:40
 Operator : VA/AP
 Sample : K3165-07RE
 Misc : 1.89g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 05:53:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	279222	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	345625	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	155634	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	39556	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	188384	57.54	ug/l	-0.02
Spiked Amount			Recovery	=	115.08%	
35) Dibromofluoromethane	6.93	113	172137	54.65	ug/l	-0.01
Spiked Amount			Recovery	=	109.30%	
50) Toluene-d8	10.41	98	185009	26.81	ug/l	-0.01
Spiked Amount			Recovery	=	53.62%	
62) 4-Bromofluorobenzene	13.55	95	46873	15.06	ug/l	-0.01
Spiked Amount			Recovery	=	30.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	1325	Below Cal	#	43
5) Bromomethane	2.18	94	2230	2.776	ug/l #	12
11) Tert butyl alcohol	4.07	59	7249	51.911	ug/l #	80
13) Acrolein	3.06	56	195	3.205	ug/l #	1
16) Acetone	3.23	43	121706	189.200	ug/l #	88
18) Methyl Acetate	3.64	43	2934	2.795	ug/l #	63
20) Methylene Chloride	3.82	84	18397	7.726	ug/l	90
25) 2-Butanone	6.07	43	16177	26.702	ug/l	98
29) Tetrahydrofuran	6.47	42	680	2.506	ug/l #	33
36) 1,1-Dichloropropene	7.04	75	21815	6.341	ug/l #	52
37) Ethyl Acetate	6.07	43	15748	10.857	ug/l #	72
38) Carbon Tetrachloride	7.05	117	26243	5.123	ug/l #	19
39) Methylcyclohexane	8.87	83	8768	3.010	ug/l #	72
43) Isopropyl Acetate	9.05	43	10577	5.859	ug/l #	50
48) Methyl methacrylate	9.05	41	15884	13.210	ug/l #	63
51) 4-Methyl-2-Pentanone	10.31	43	32809	26.049	ug/l #	87
52) Toluene	10.51	92	1153529	250.463	ug/l	98
53) t-1,3-Dichloropropene	10.88	75	5781	1.786	ug/l #	44
56) Ethyl methacrylate	11.08	69	18326	11.370	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.86	63	2835	3.430	ug/l #	49
59) 2-Hexanone	11.49	43	47399	53.652	ug/l #	40
67) Ethyl Benzene	12.52	91	86766	15.620	ug/l	93
68) m/p-Xylenes	12.67	106	152061	79.131	ug/l	91
69) o-Xylene	13.05	106	55846	30.465	ug/l	92
70) Styrene	13.07	104	12367	3.973	ug/l	90
73) Isopropylbenzene	13.40	105	8134	3.119	ug/l #	72
74) N-amyl acetate	13.32	43	43676	65.686	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.67	83	13182	31.873	ug/l #	32
78) n-propylbenzene	13.77	91	18332	6.099	ug/l	100
79) 2-Chlorotoluene	13.85	91	9035	5.184	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.94	105	33455	15.013	ug/l	87
81) trans-1,4-Dichloro-2-buten	13.55	75	23378	171.922	ug/l #	6
82) 4-Chlorotoluene	13.94	91	5798	2.779	ug/l #	41
83) tert-Butylbenzene	14.23	119	8163	3.283	ug/l #	62

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062593.D
 Acq On : 3 Jun 2019 18:40
 Operator : VA/AP
 Sample : K3165-07RE
 Misc : 1.89g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 05:53:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

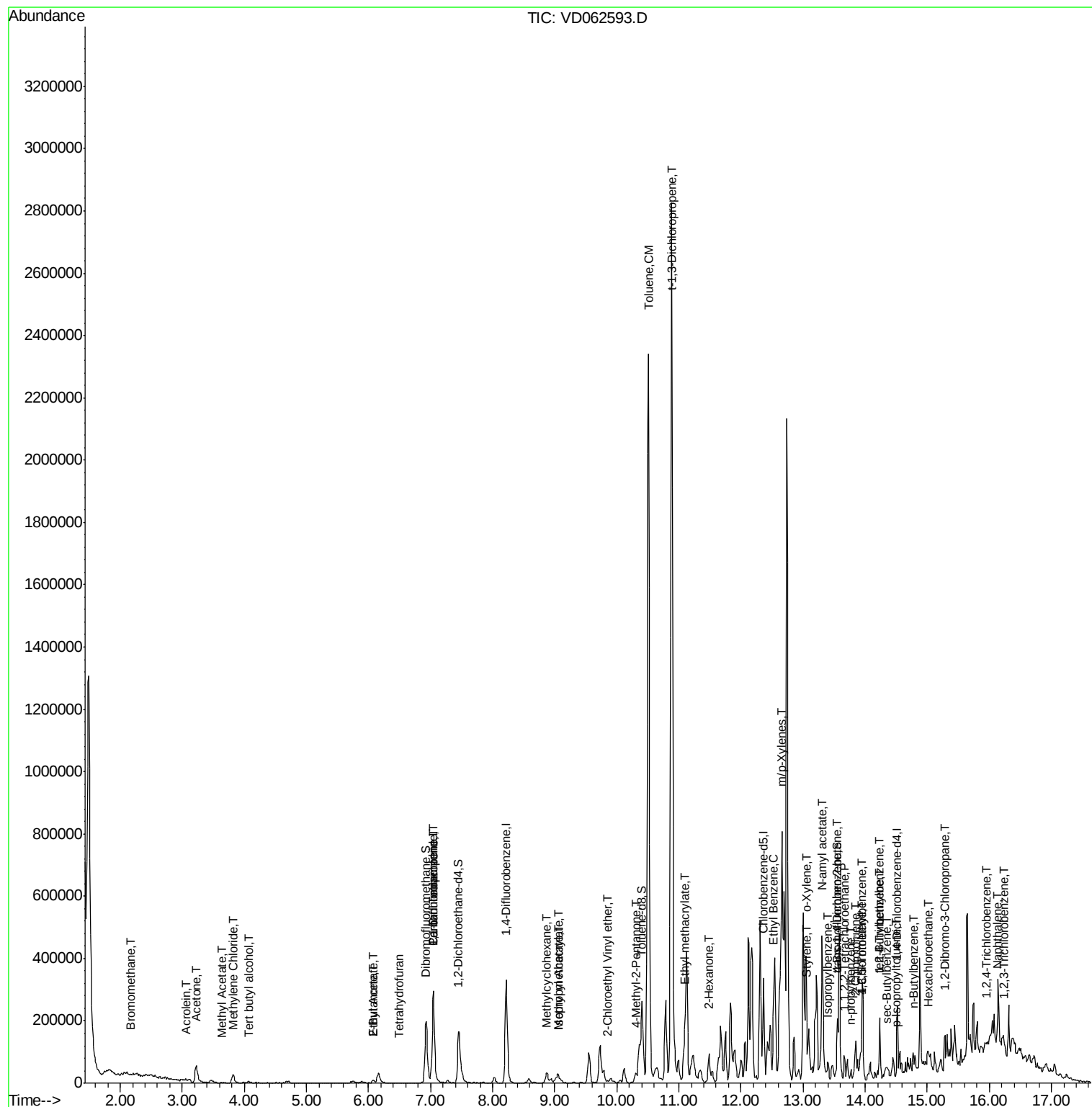
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	14.23	105	85199	37.522	ug/l	100
85) sec-Butylbenzene	14.36	105	3329	1.264	ug/l #	60
86) p-Isopropyltoluene	14.49	119	3754	1.525	ug/l	81
89) n-Butylbenzene	14.77	91	12269	5.585	ug/l #	14
90) Hexachloroethane	15.00	117	3031	4.643	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	15.28	75	560	6.530	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.94	180	1033	1.239	ug/l #	79
95) Naphthalene	16.12	128	22294	19.636	ug/l	99
96) 1,2,3-Trichlorobenzene	16.25	180	979	1.572	ug/l #	12

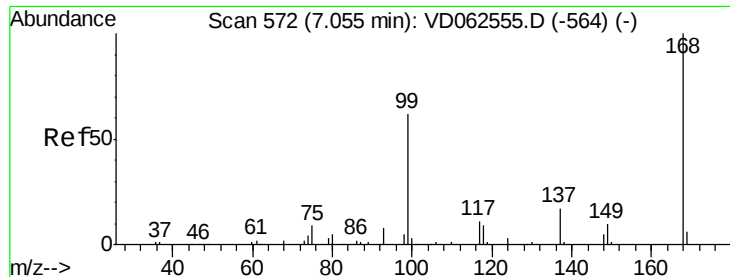
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062593.D
Acq On : 3 Jun 2019 18:40
Operator : VA/AP
Sample : K3165-07RE
Misc : 1.89g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 04 05:53:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

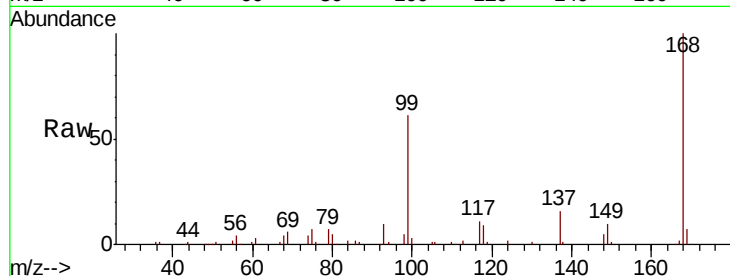
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 279222

Ion Ratio Lower Upper

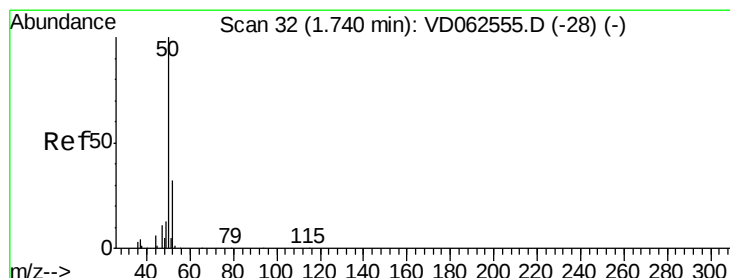
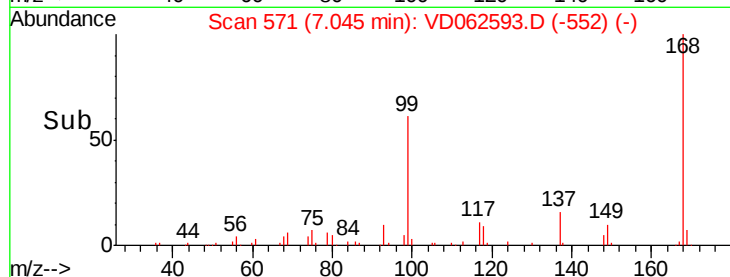
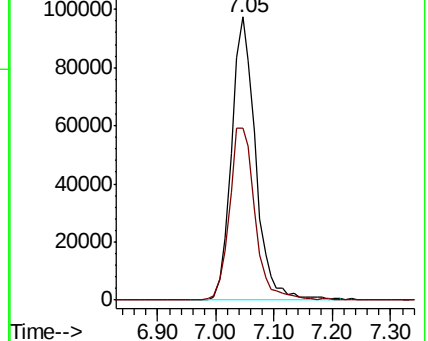
168 100

99 60.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: Below Cal

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062593.D

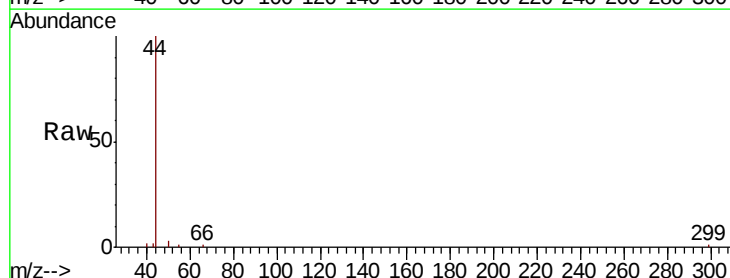
Acq: 3 Jun 2019 18:40

Tgt Ion: 50 Resp: 1325

Ion Ratio Lower Upper

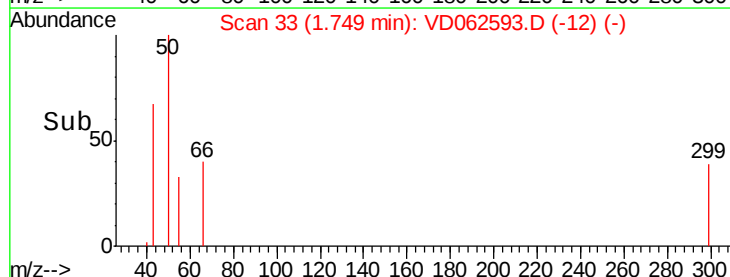
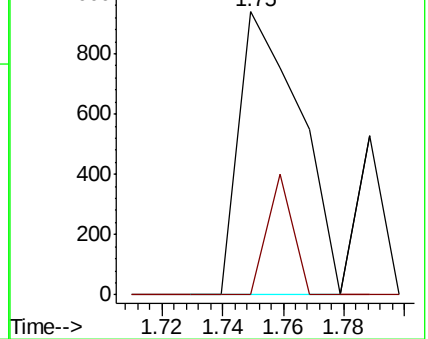
50 100

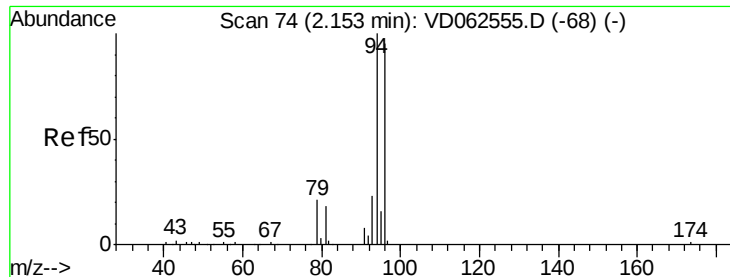
52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 2.776 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.03 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :
MSVOA_D
ClientSampleId :

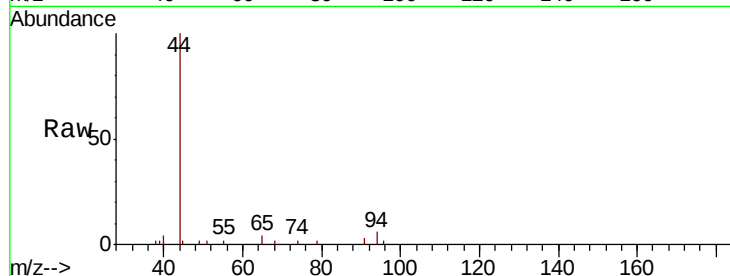
Tot Ion: 94 Resp: 2230

Ion Ratio Lower Upper

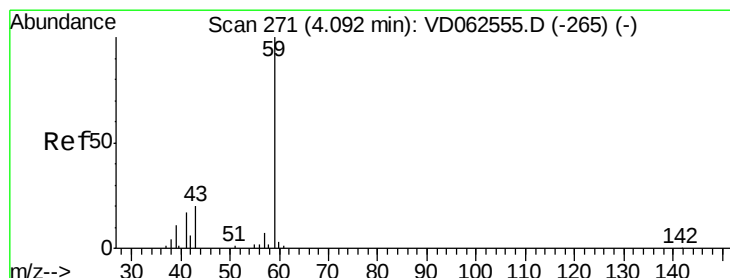
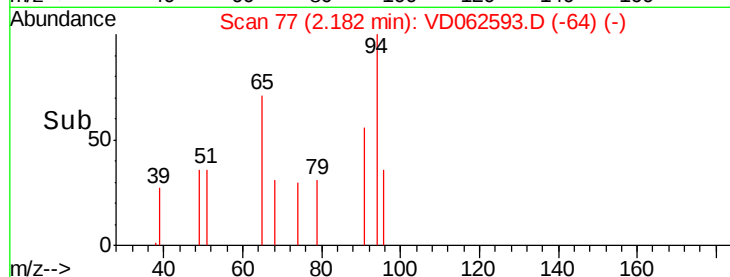
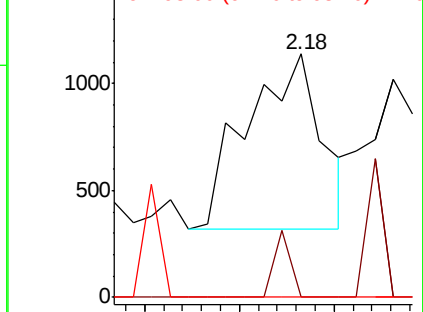
94 100

96 0.0 76.2 114.4#

93 0.0 18.4 27.6#



Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC



#11

Tert butyl alcohol

Concen: 51.911 ug/l

RT: 4.07 min Scan# 269

Delta R.T. -0.02 min

Lab File: VD062593.D

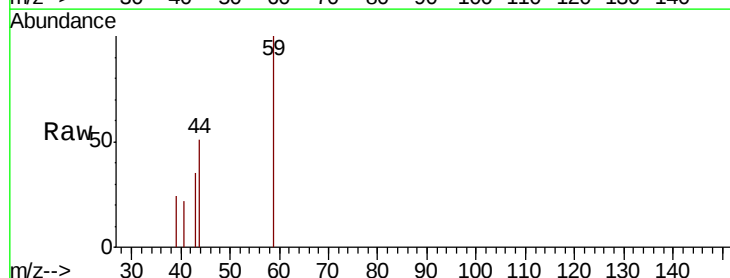
Acq: 3 Jun 2019 18:40

Tgt Ion: 59 Resp: 7249

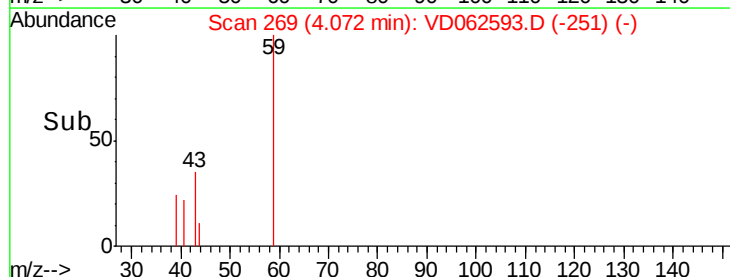
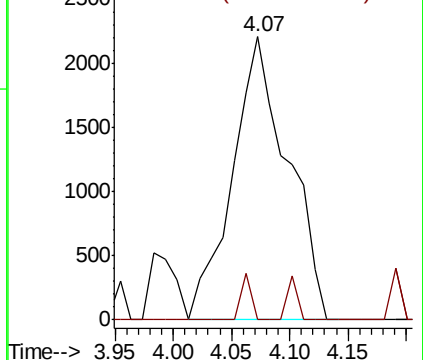
Ion Ratio Lower Upper

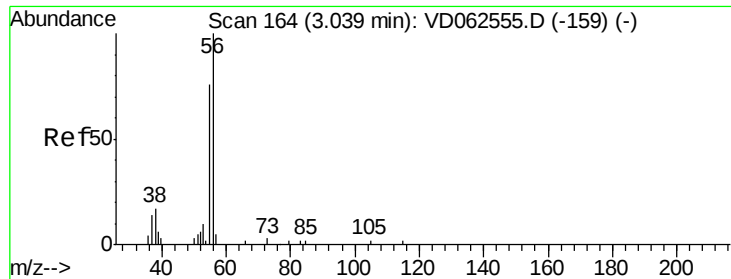
59 100

57 0.0 5.4 8.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 3.205 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

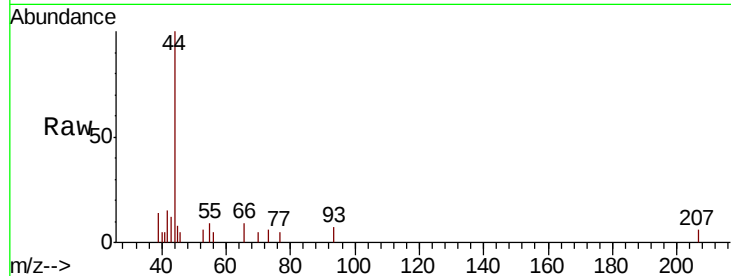
ClientSampleId :

Tot Ion: 56 Resp: 195

Ion Ratio Lower Upper

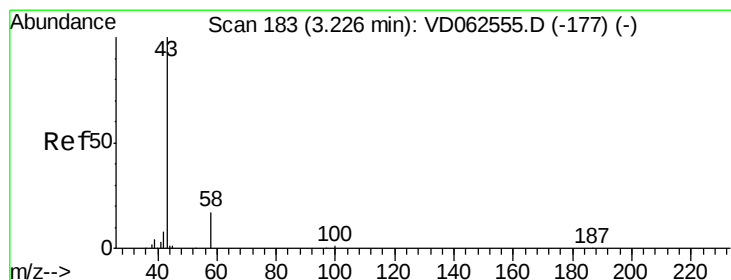
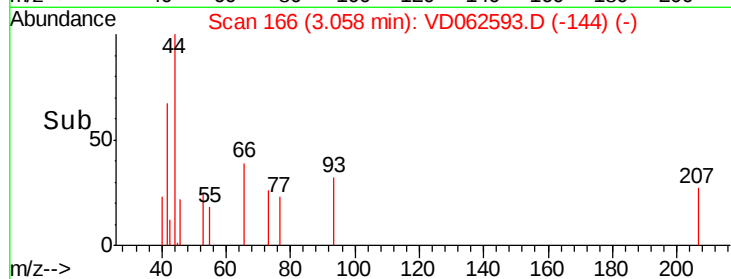
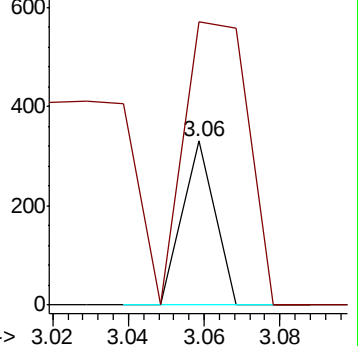
56 100

55 172.5 62.6 93.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 189.200 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062593.D

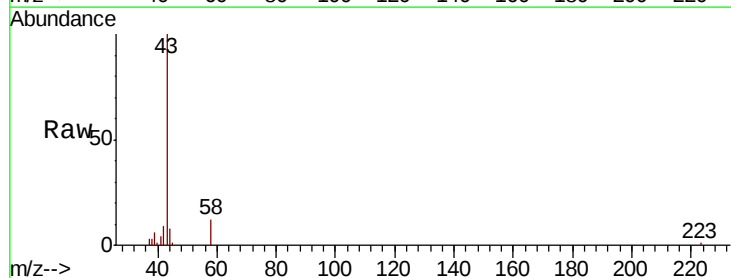
Acq: 3 Jun 2019 18:40

Tgt Ion: 43 Resp: 121706

Ion Ratio Lower Upper

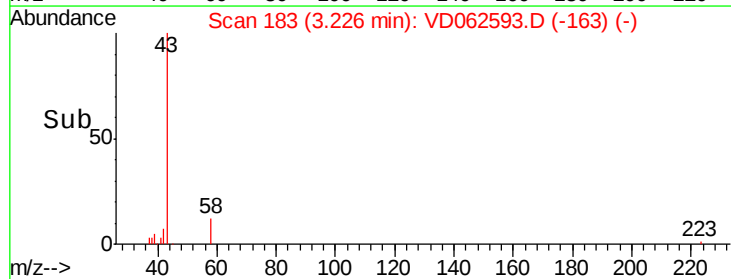
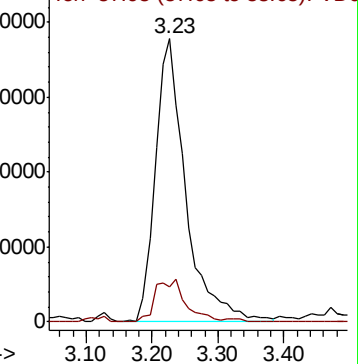
43 100

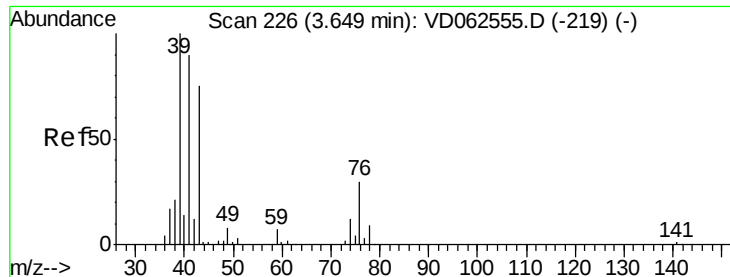
58 12.2 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

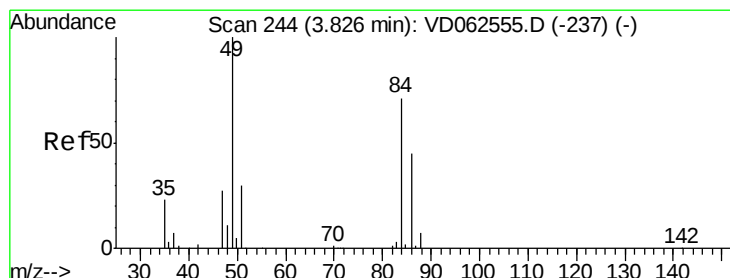
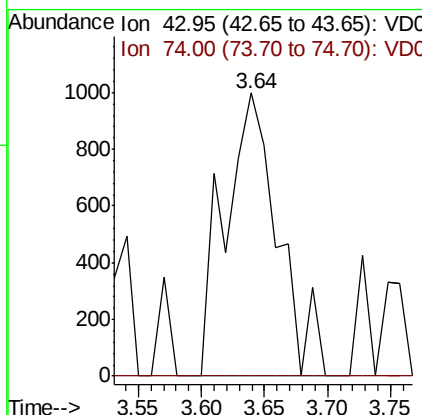
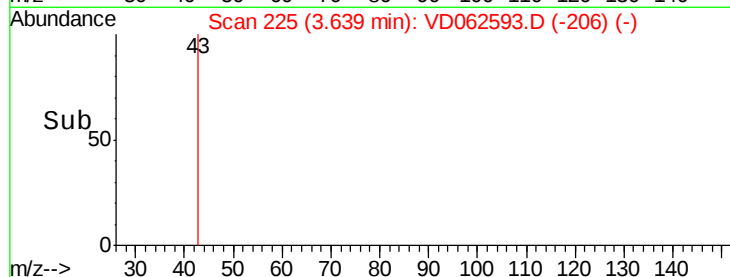
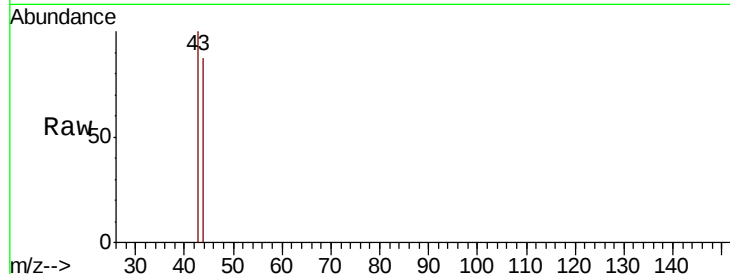




#18
Methvl Acetate
Concen: 2.795 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

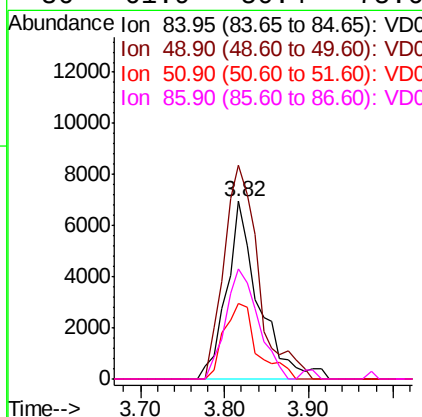
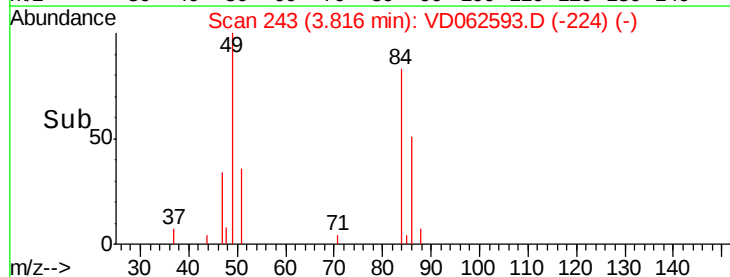
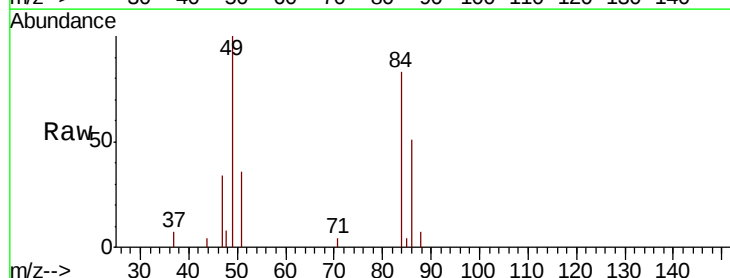
Instrument :
MSVOA_D
ClientSampleId :

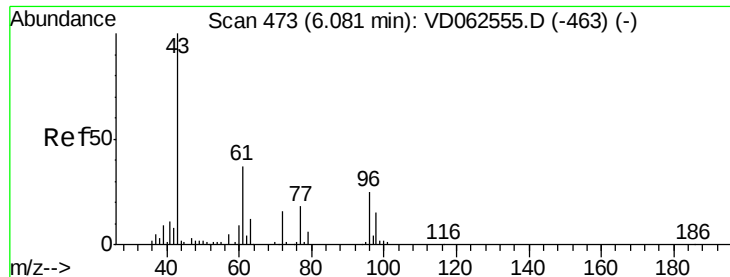
Tot Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
74 0.0 12.5 18.7#



#20
Methylene Chloride
Concen: 7.726 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 84 Resp: 18397
Ion Ratio Lower Upper
84 100
49 120.3 112.3 168.5
51 42.7 33.6 50.4
86 61.9 50.4 75.6





#25

2-Butanone

Concen: 26.702 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.01 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

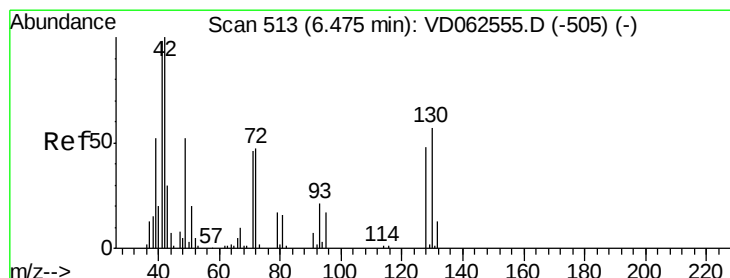
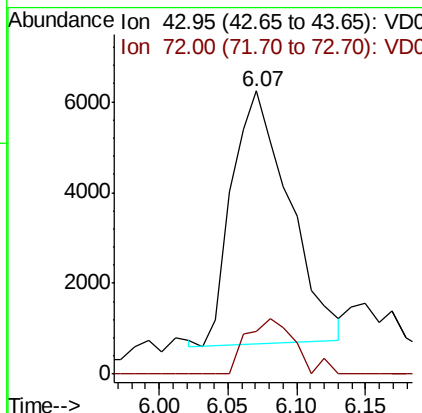
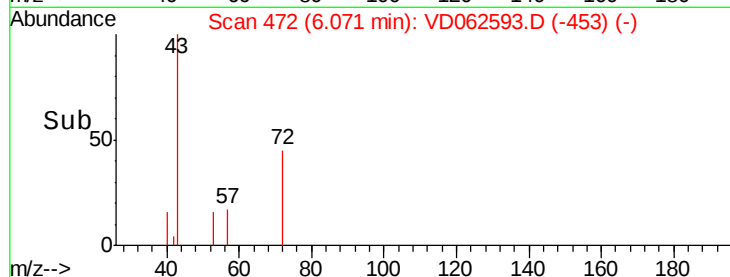
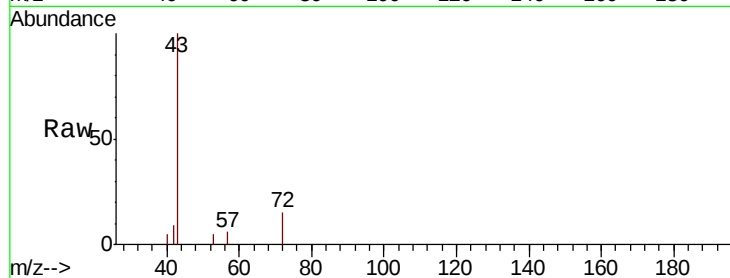
ClientSampleId :

Tot Ion: 43 Resp: 16177

Ion Ratio Lower Upper

43 100

72 15.2 12.7 19.1



#29

Tetrahydrofuran

Concen: 2.506 ug/l

RT: 6.47 min Scan# 513

Delta R.T. -0.00 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

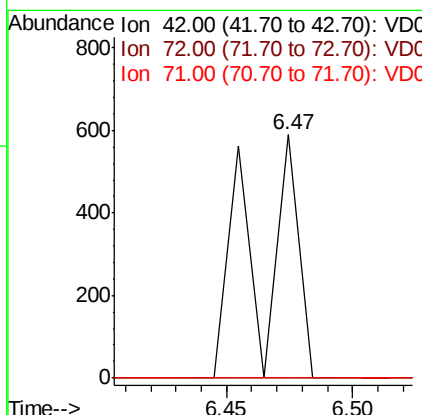
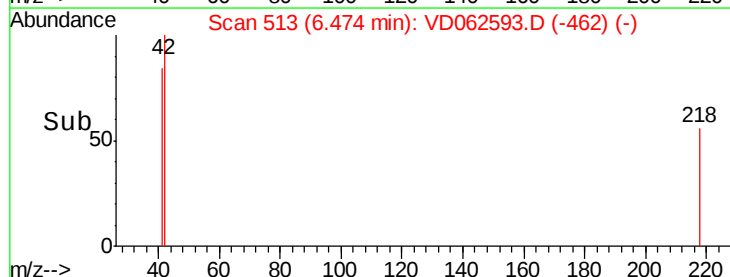
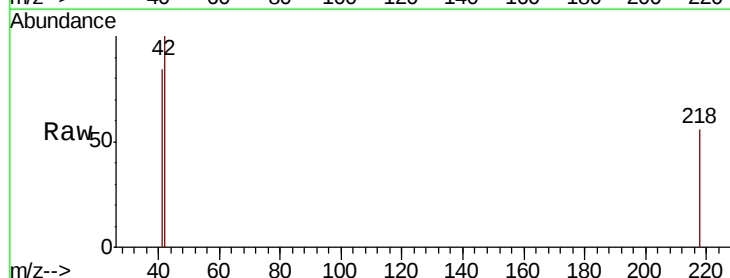
Tgt Ion: 42 Resp: 680

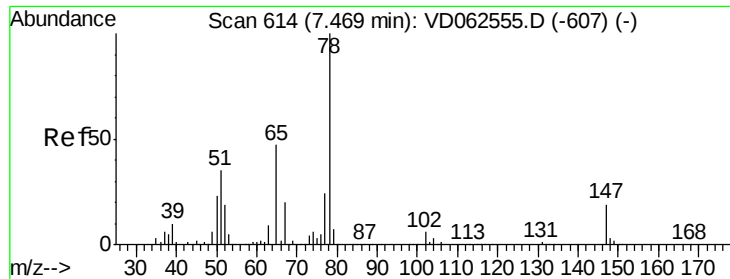
Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

71 0.0 33.0 49.6#





#33

1,2-Dichloroethane-d4

Concen: 57.540 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

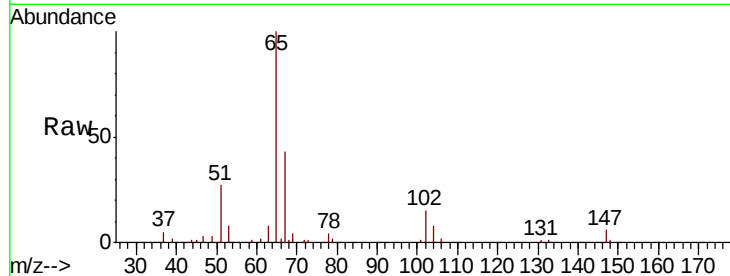
ClientSampleId :

Tot Ion: 65 Resp: 188384

Ion Ratio Lower Upper

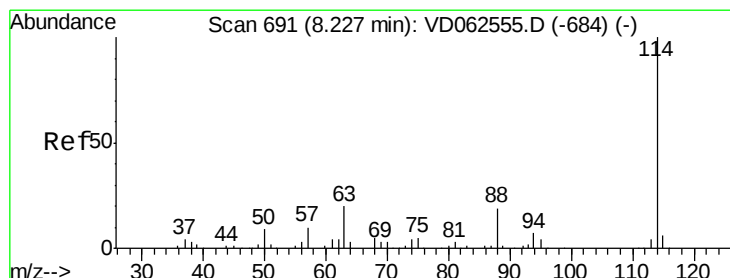
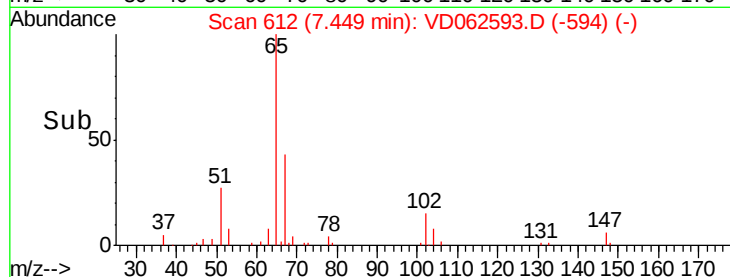
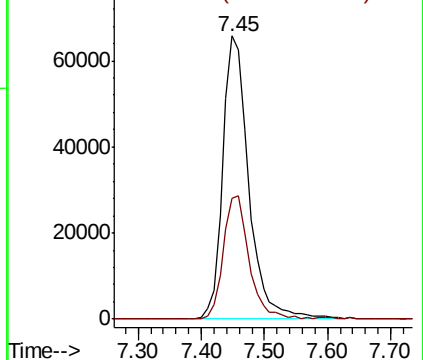
65 100

67 42.8 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

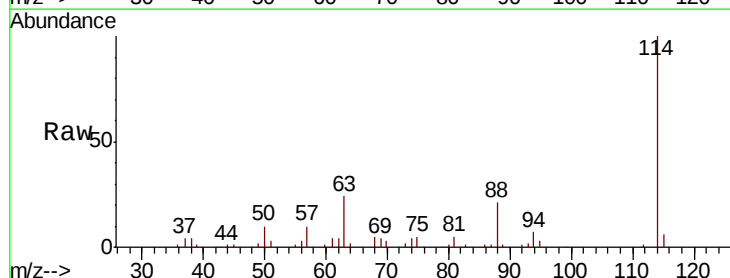
Tgt Ion: 114 Resp: 345625

Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.6

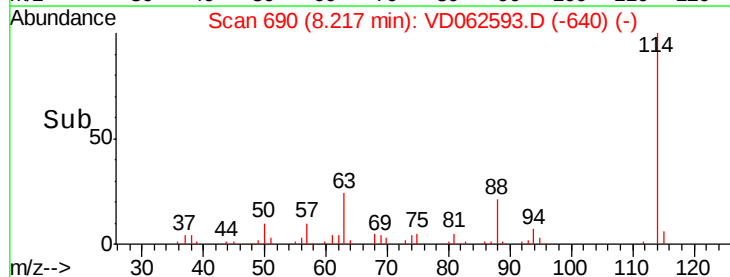
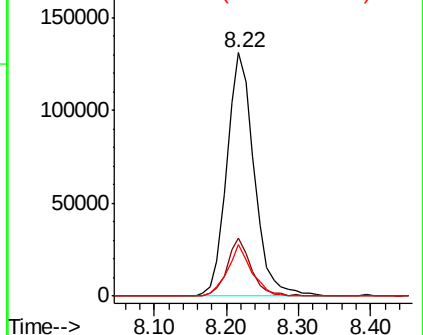
88 21.1 0.0 37.6

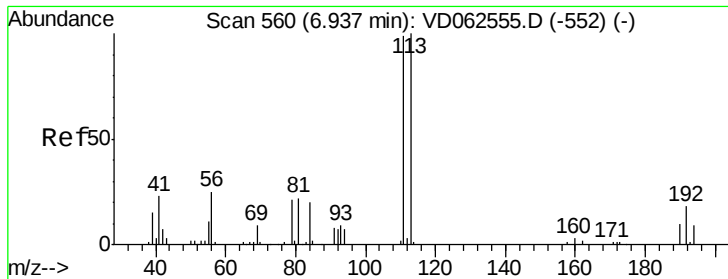


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

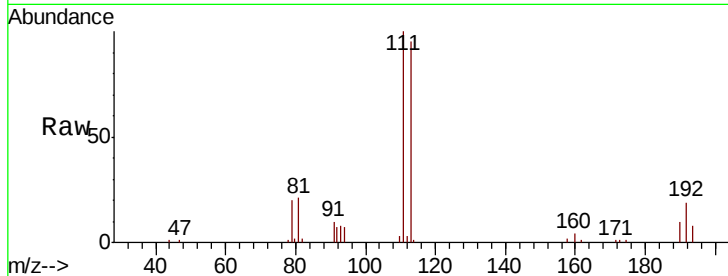




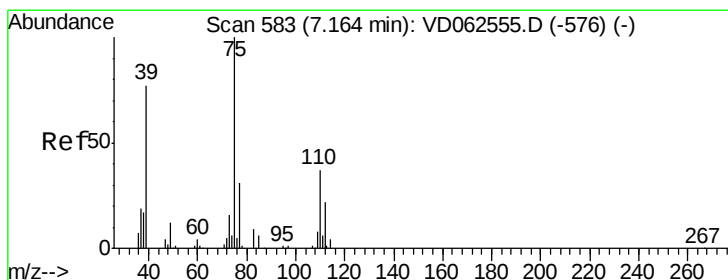
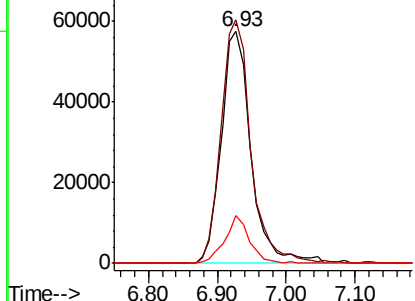
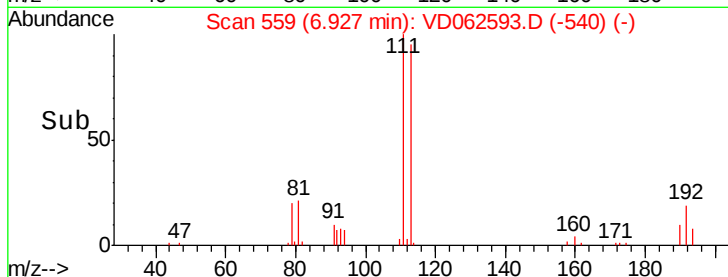
#35
 Dibromofluoromethane
 Concen: 54.654 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	78.8	118.2
192	20.4	14.6	22.0

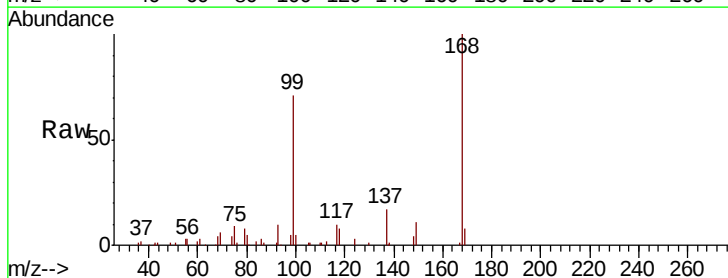


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

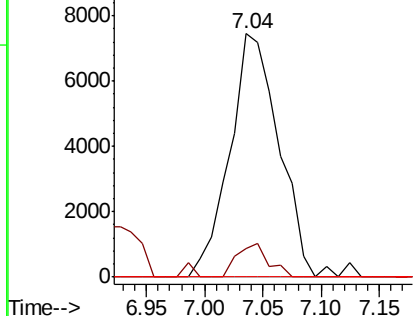
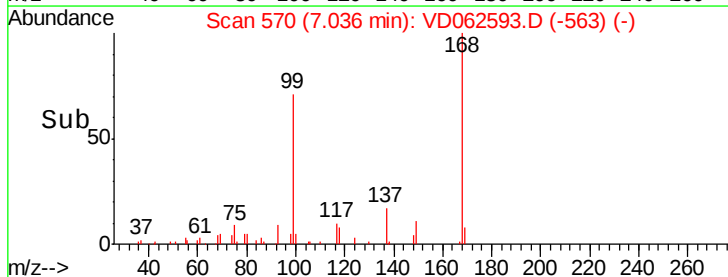


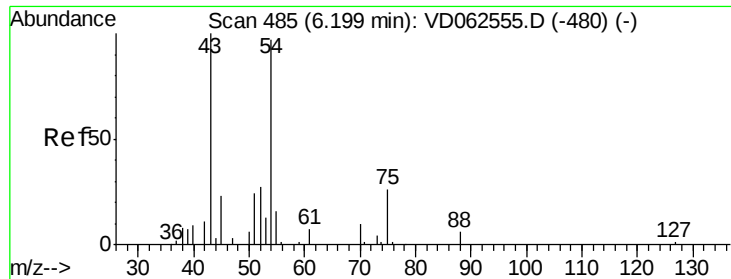
#36
 1,1-Dichloropropene
 Concen: 6.341 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.6	18.3	54.8#
77	0.0	24.4	36.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC

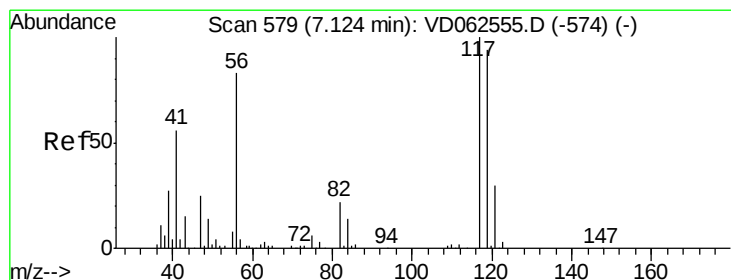
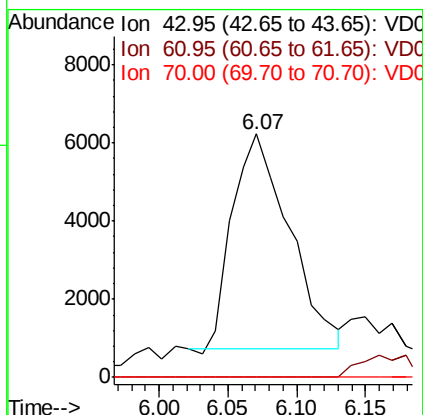
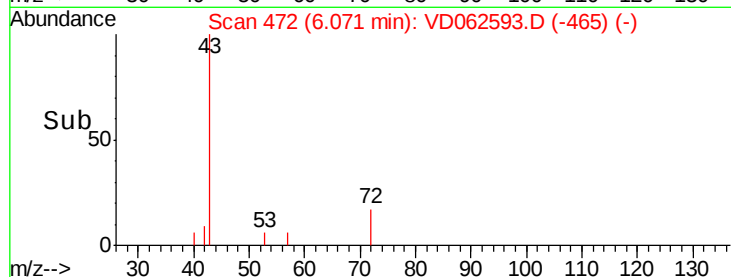
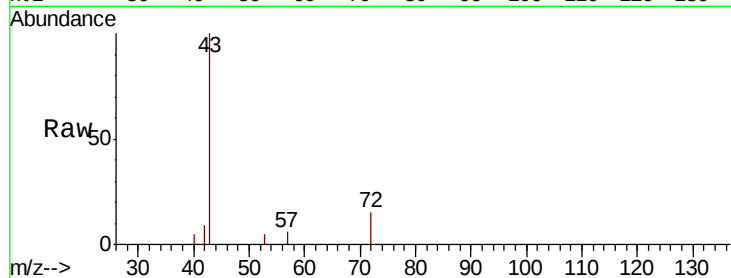




#37
Ethyl Acetate
Concen: 10.857 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.13 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

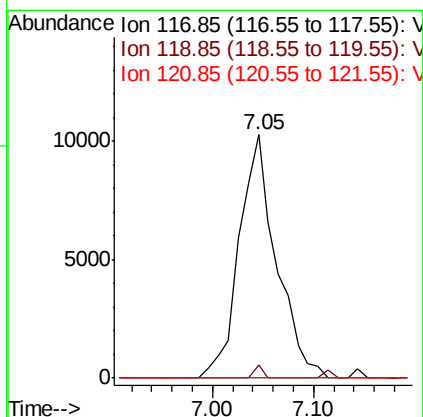
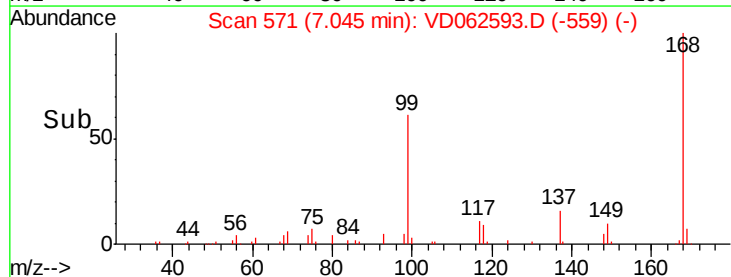
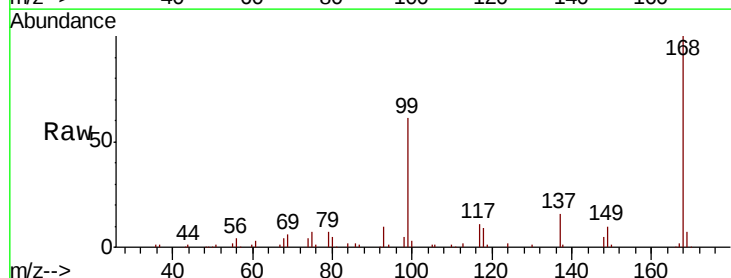
Instrument :
MSVOA_D
ClientSampleId :

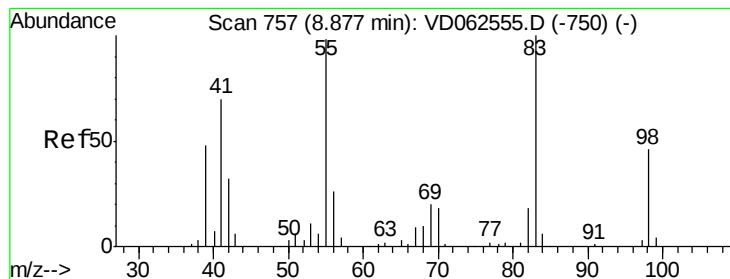
Tot Ion: 43 Resp: 15748
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.5 9.7#



#38
Carbon Tetrachloride
Concen: 5.123 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 117 Resp: 26243
Ion Ratio Lower Upper
117 100
119 5.4 71.4 107.2#
121 0.0 22.5 33.7#





#39

Methvlcvclohexane

Concen: 3.010 ug/l

RT: 8.87 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

ClientSampleId :

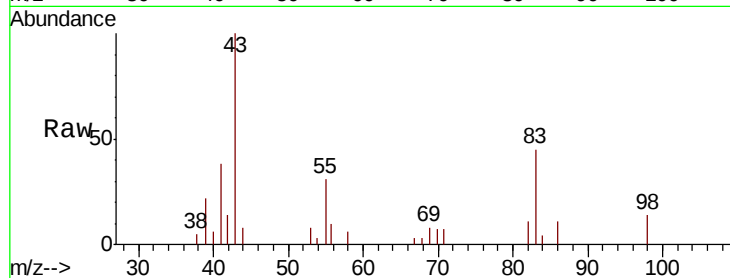
Tot Ion: 83 Resp: 8768

Ion Ratio Lower Upper

83 100

55 68.1 78.7 118.1#

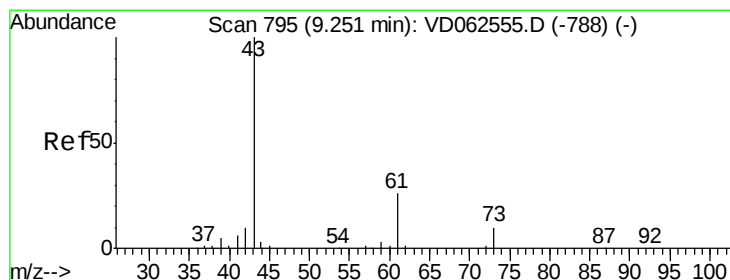
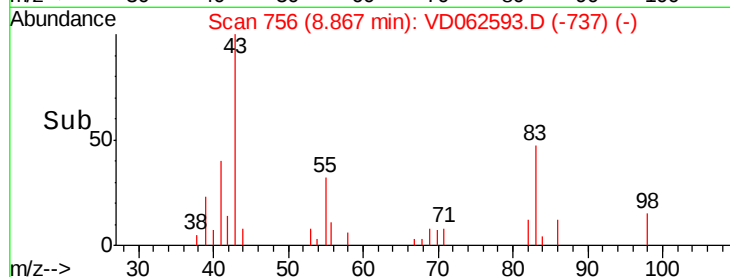
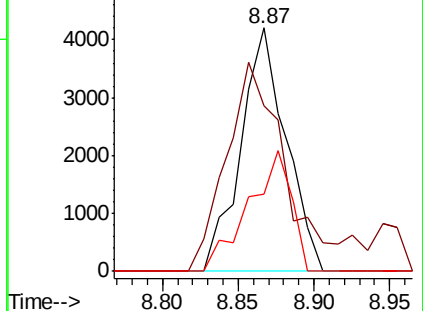
98 32.0 37.2 55.8#



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#43

Isopropyl Acetate

Concen: 5.859 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.20 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

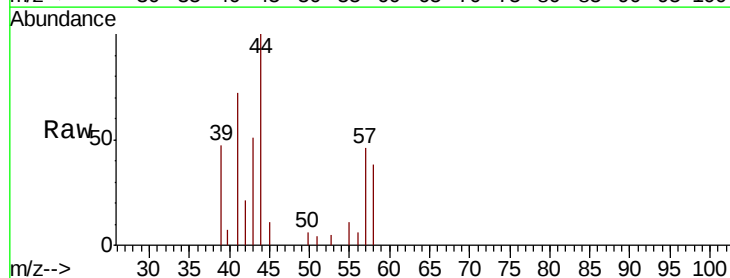
Tgt Ion: 43 Resp: 10577

Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

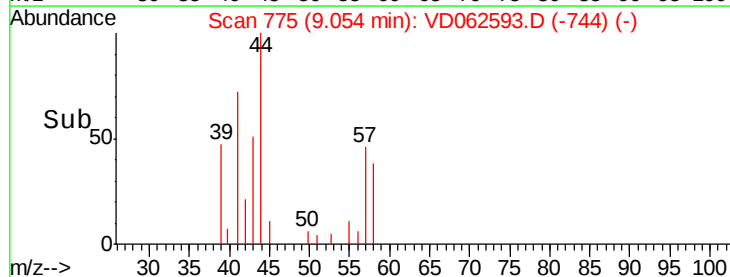
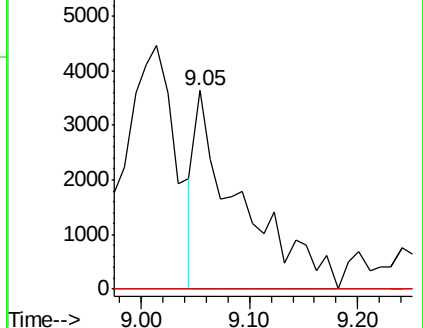
87 0.0 0.2 0.2#

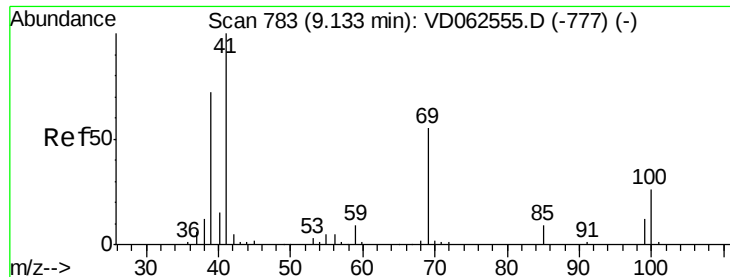


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

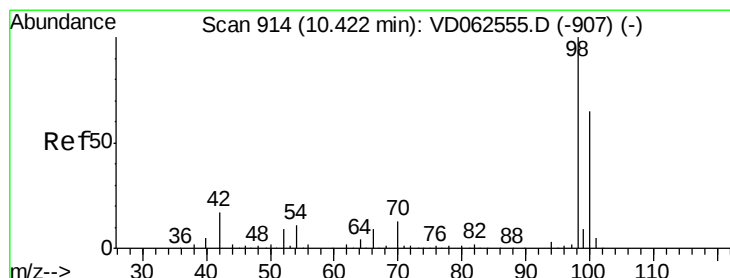
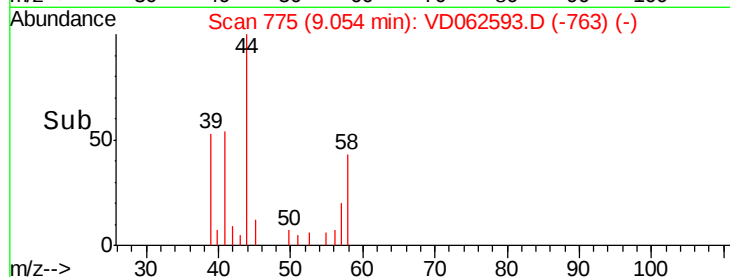
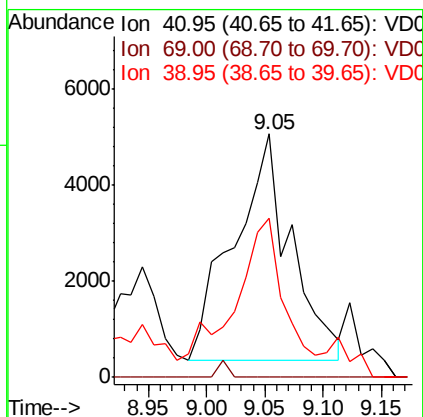
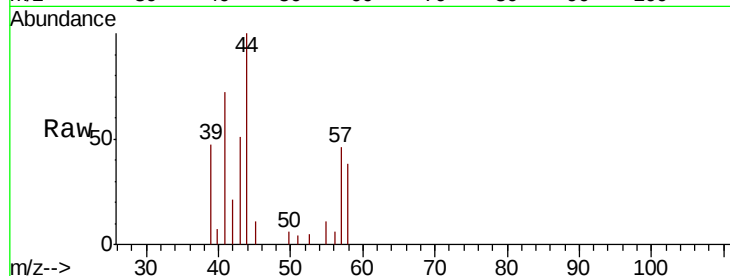




#48
Methyl methacrylate
Concen: 13.210 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.08 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

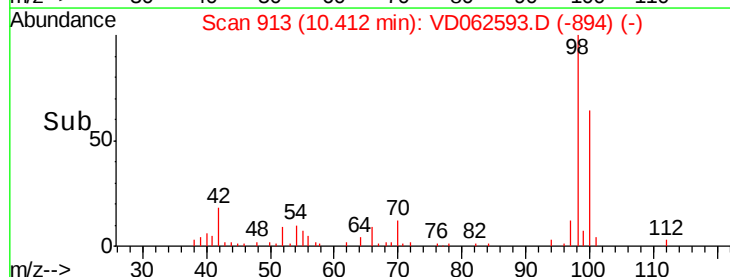
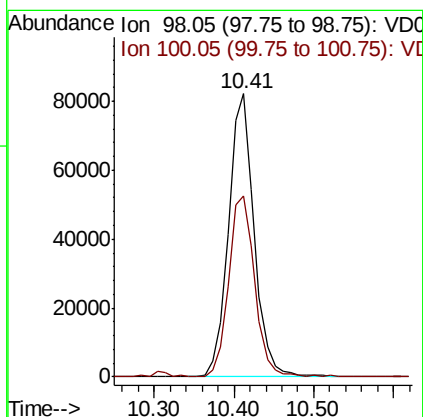
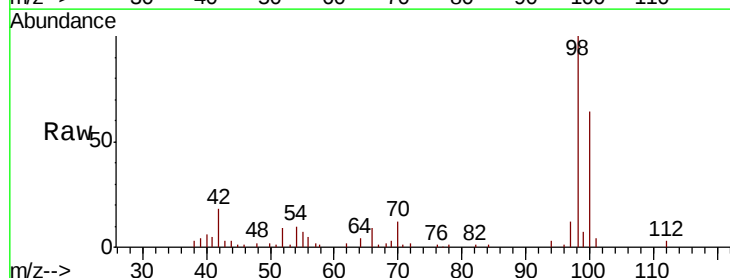
Instrument :
MSVOA_D
ClientSampled :

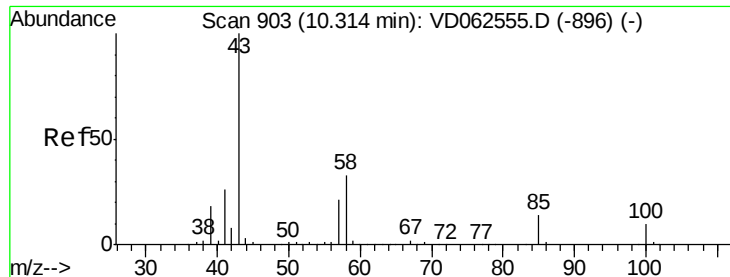
Tot Ion: 41 Resp: 15884
Ion Ratio Lower Upper
41 100
69 0.0 43.6 65.4#
39 65.5 58.1 87.1



#50
Toluene-d8
Concen: 26.810 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 98 Resp: 185009
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 26.049 ug/l

RT: 10.31 min Scan# 903

Delta R.T. -0.00 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

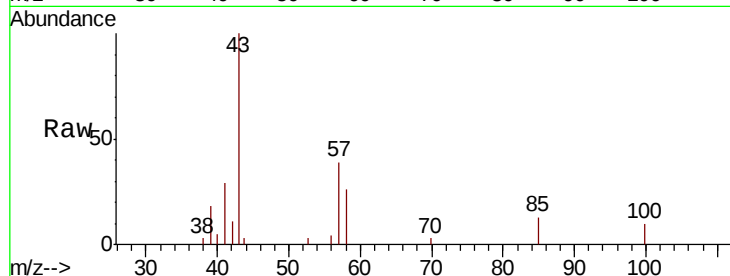
ClientSampleID :

Tot Ion: 43 Resp: 32809

Ion Ratio Lower Upper

43 100

58 25.5 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

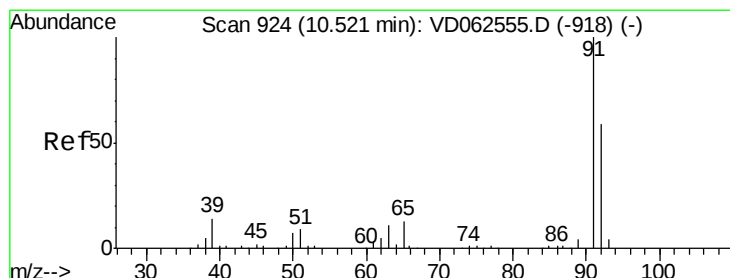
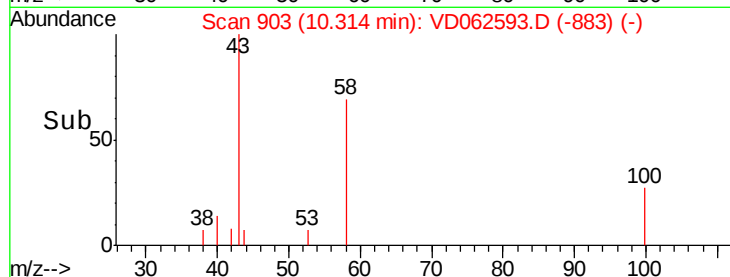
10.31

10000

5000

0

Time-->



#52

Toluene

Concen: 250.463 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD062593.D

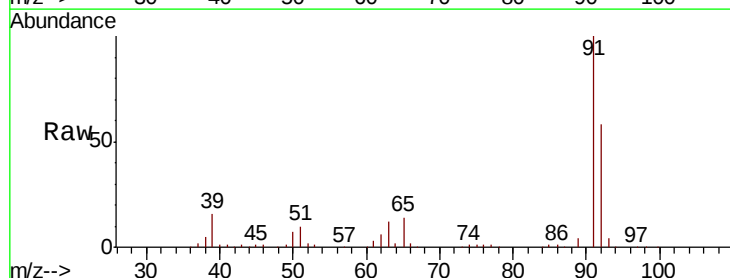
Acq: 3 Jun 2019 18:40

Tgt Ion: 92 Resp: 1153529

Ion Ratio Lower Upper

92 100

91 171.7 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.51

1000000

800000

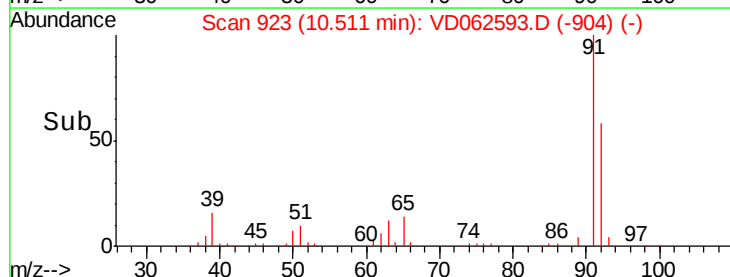
600000

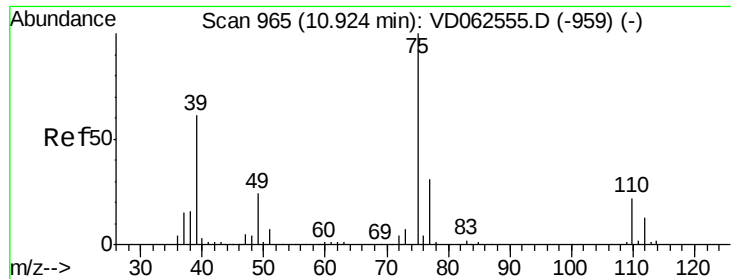
400000

200000

0

Time-->

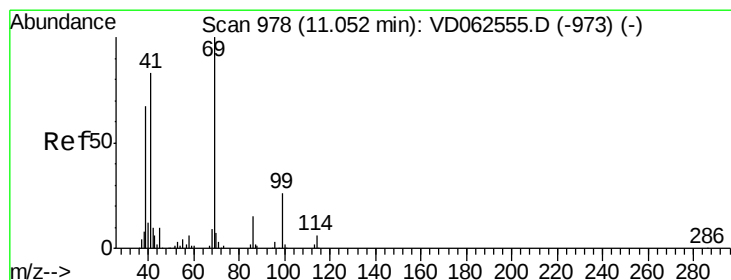
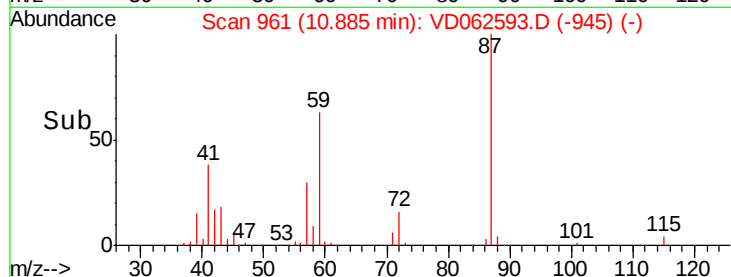
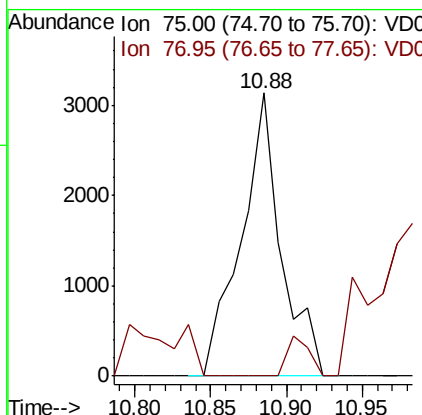
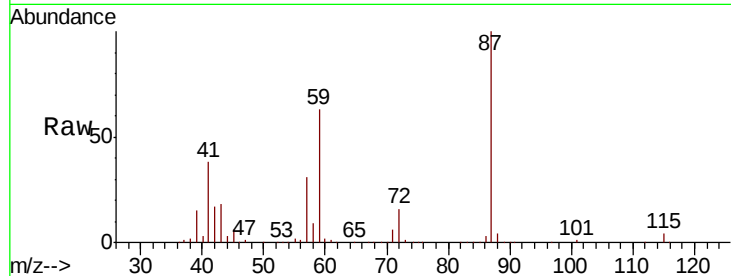




#53
t-1,3-Dichloropropene
Concen: 1.786 ug/l
RT: 10.88 min Scan# 961
Delta R.T. -0.04 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

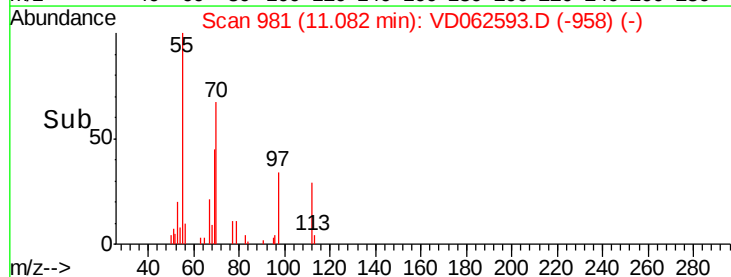
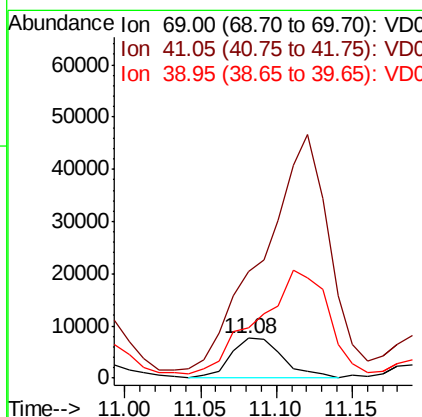
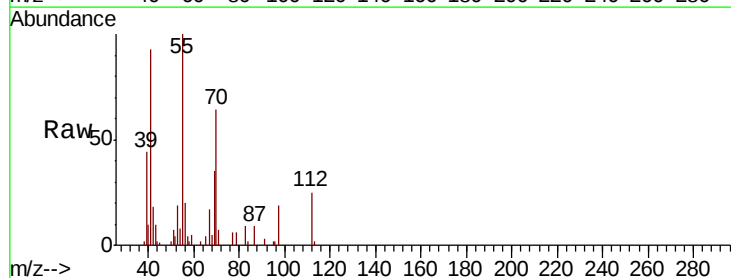
Instrument :
MSVOA_D
ClientSampled :

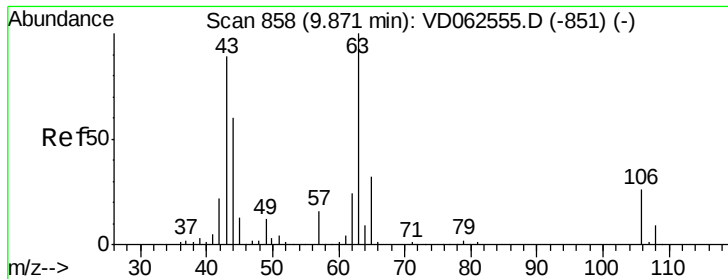
Tot Ion: 75 Resp: 5781
Ion Ratio Lower Upper
75 100
77 0.0 24.5 36.7#



#56
Ethyl methacrylate
Concen: 11.370 ug/l
RT: 11.08 min Scan# 981
Delta R.T. 0.03 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 69 Resp: 18326
Ion Ratio Lower Upper
69 100
41 268.6 66.1 99.1#
39 128.3 54.2 81.2#





#58

2-Chloroethyl Vinyl ether

Concen: 3.430 ug/l

RT: 9.86 min Scan# 857

Delta R.T. -0.01 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

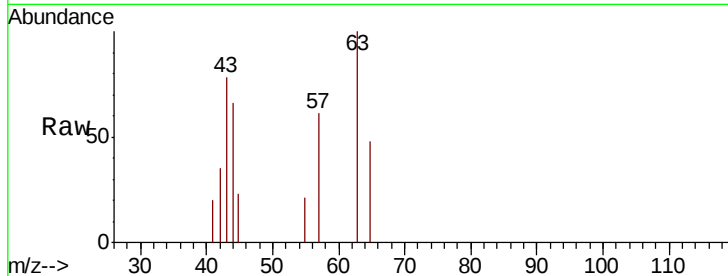
ClientSampleId :

Tot Ion: 63 Resp: 2835

Ion Ratio Lower Upper

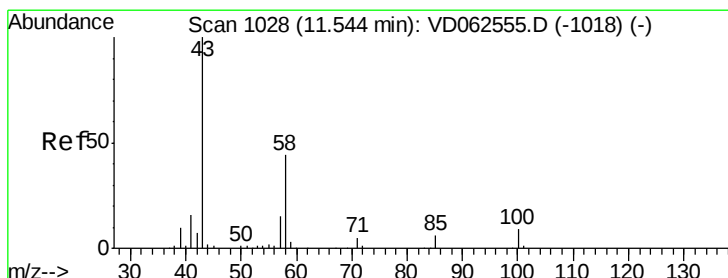
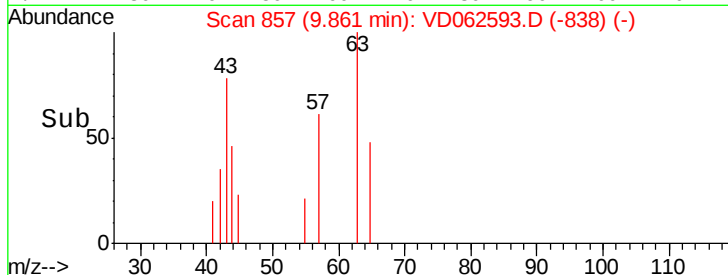
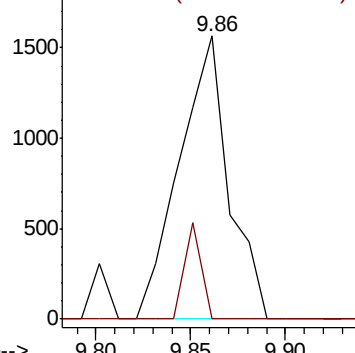
63 100

106 0.0 21.0 31.4#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC



#59

2-Hexanone

Concen: 53.652 ug/l

RT: 11.49 min Scan# 1022

Delta R.T. -0.06 min

Lab File: VD062593.D

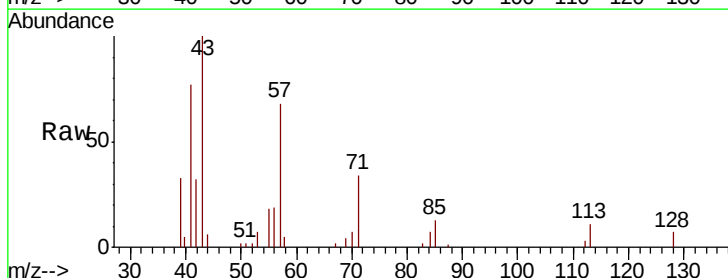
Acq: 3 Jun 2019 18:40

Tgt Ion: 43 Resp: 47399

Ion Ratio Lower Upper

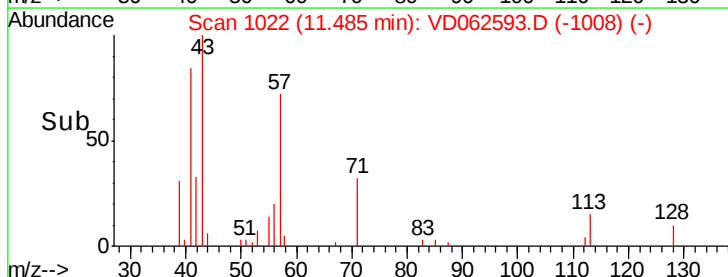
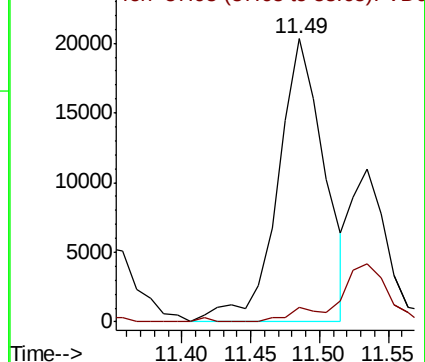
43 100

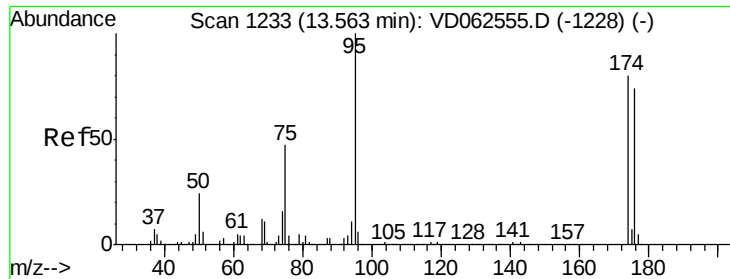
58 5.3 22.0 66.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

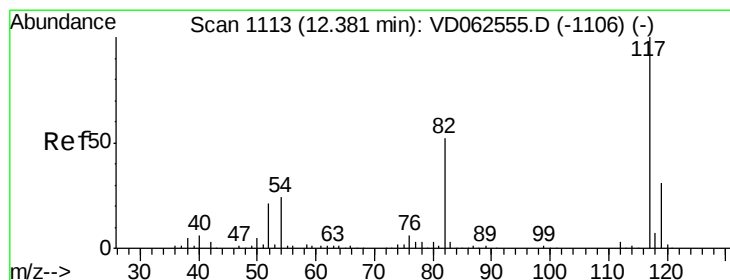
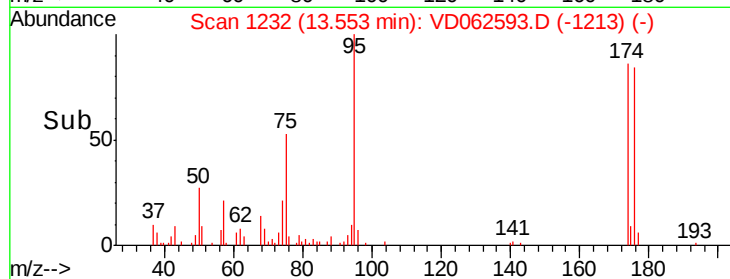
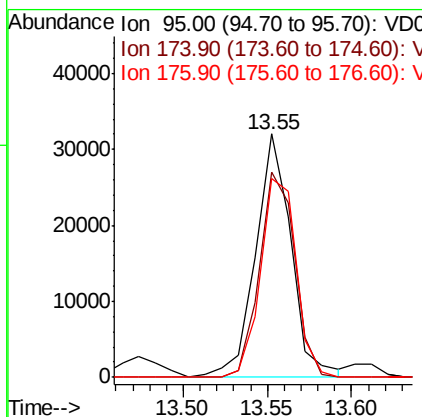
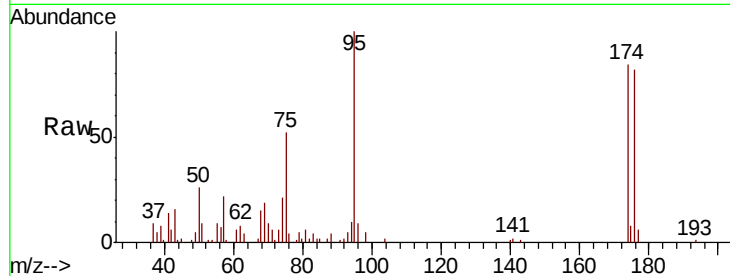




#62
4-Bromofluorobenzene
Concen: 15.062 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

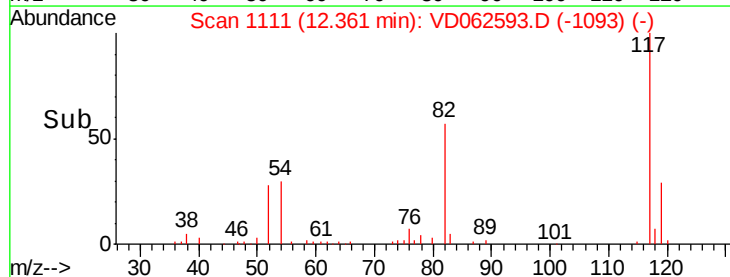
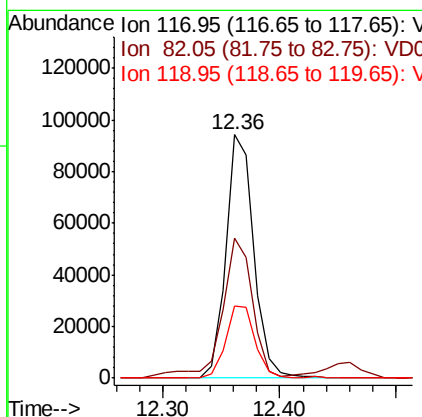
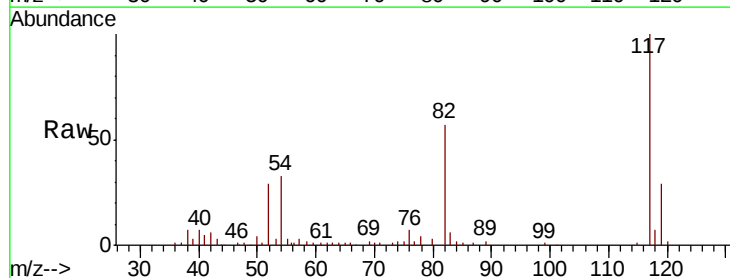
Instrument :
MSVOA_D
ClientSampled :

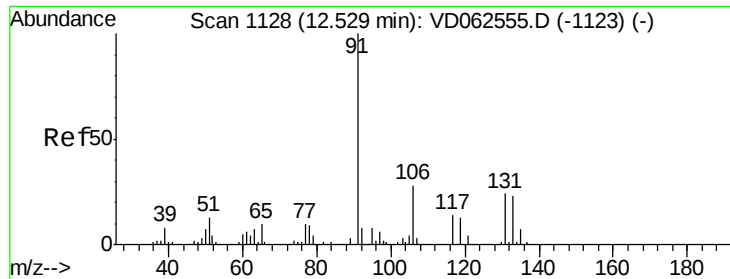
Tot Ion: 95 Resp: 46873
Ion Ratio Lower Upper
95 100
174 84.2 0.0 160.2
176 81.5 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 117 Resp: 155634
Ion Ratio Lower Upper
117 100
82 57.5 41.4 62.2
119 29.5 24.9 37.3

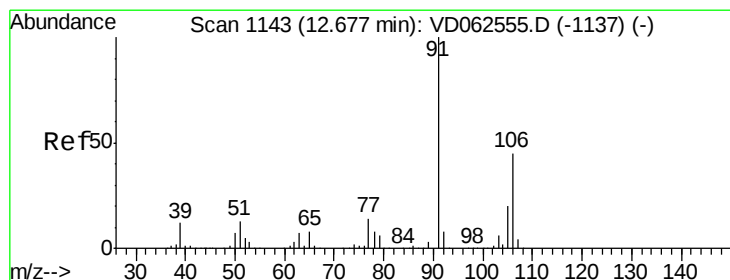
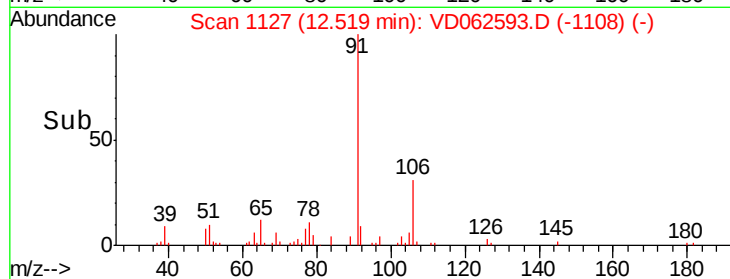
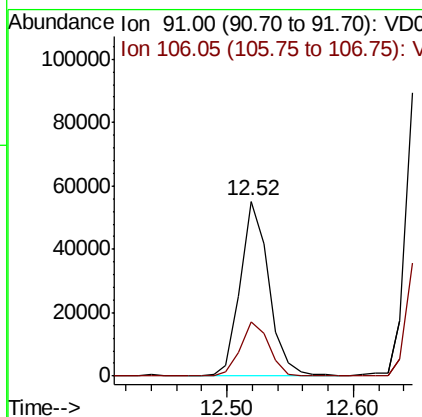
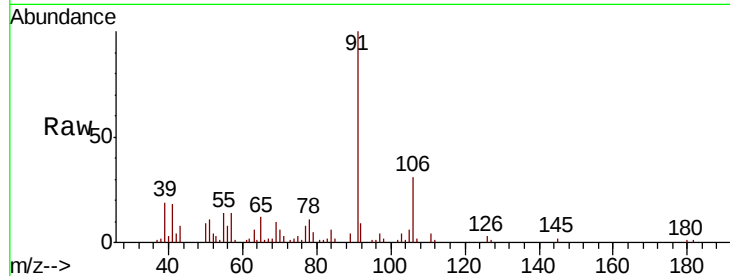




#67
Ethyl Benzene
Concen: 15.620 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

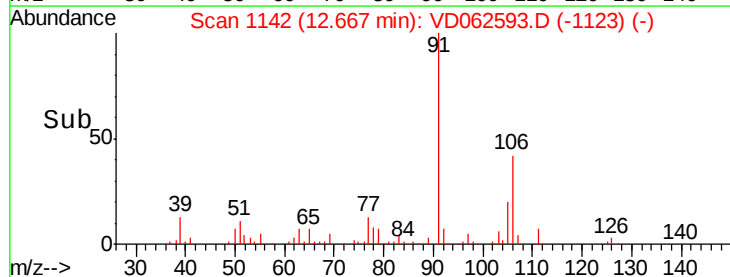
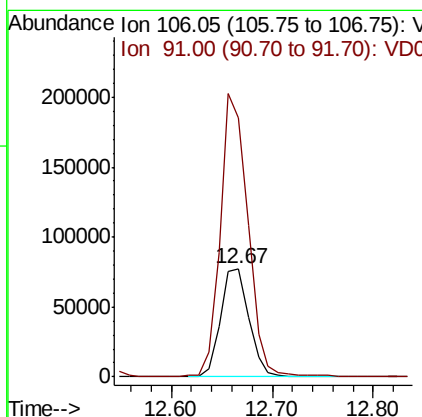
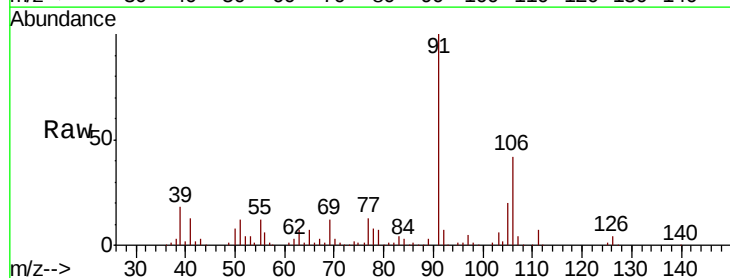
Instrument :
MSVOA_D
ClientSampled :

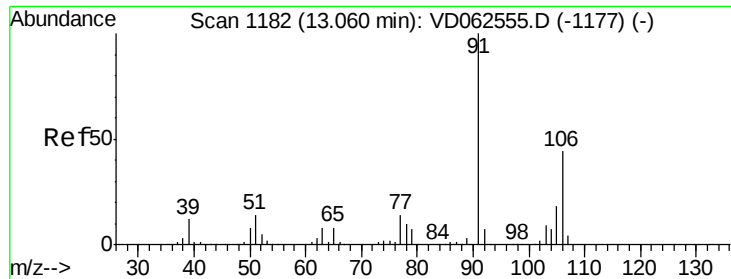
Tot Ion: 91 Resp: 86766
Ion Ratio Lower Upper
91 100
106 31.1 22.2 33.2



#68
m/p-Xylenes
Concen: 79.131 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 106 Resp: 152061
Ion Ratio Lower Upper
106 100
91 239.0 178.9 268.3

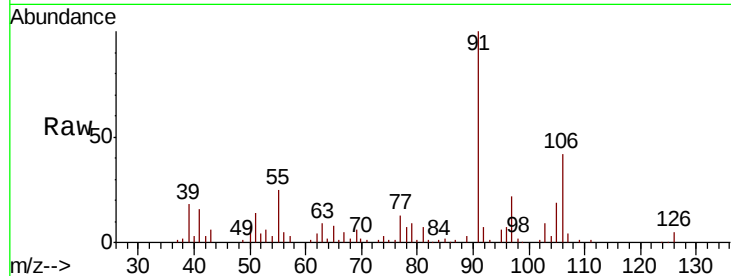




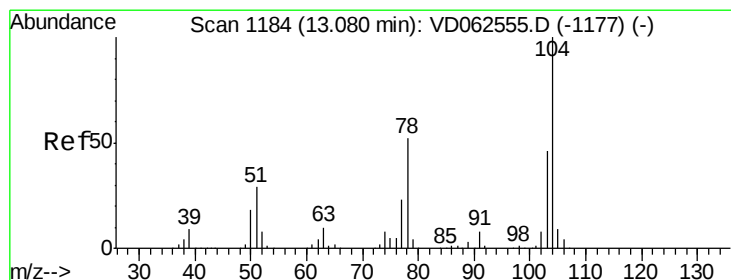
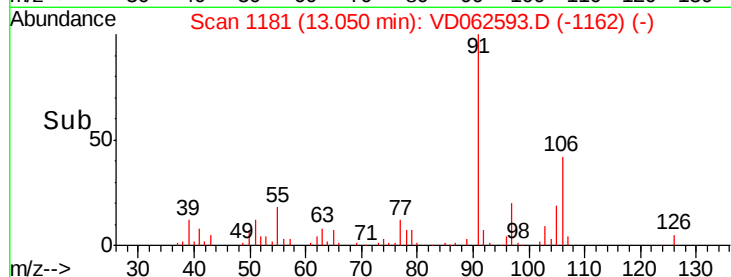
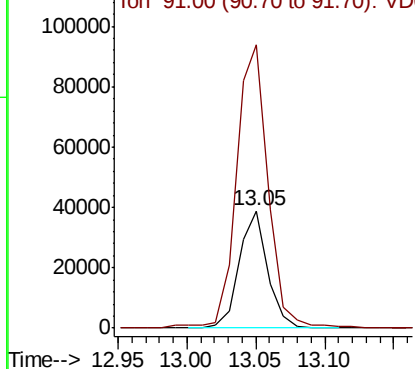
#69
o-Xylene
Concen: 30.465 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 55846
Ion Ratio Lower Upper
106 100
91 240.7 113.9 341.8

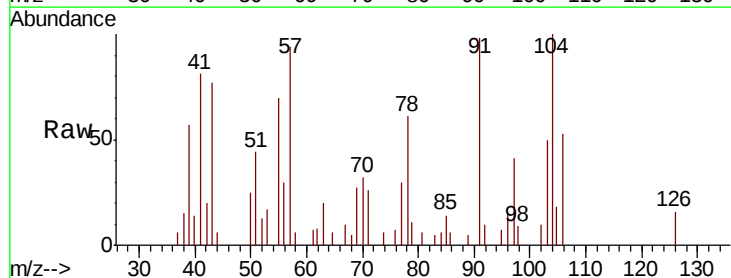


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

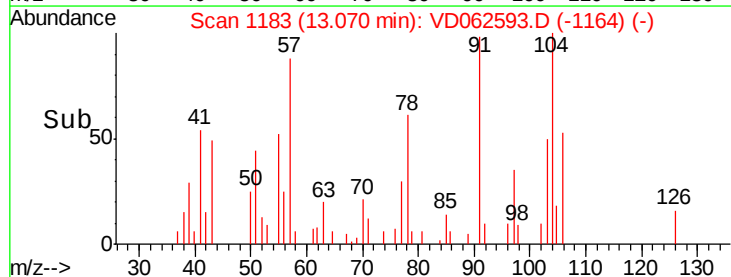
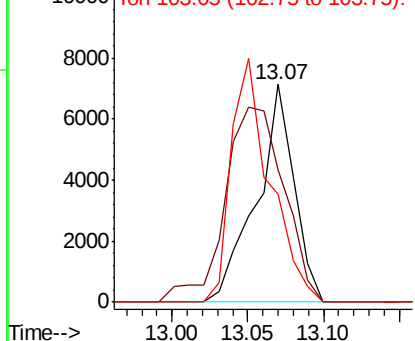


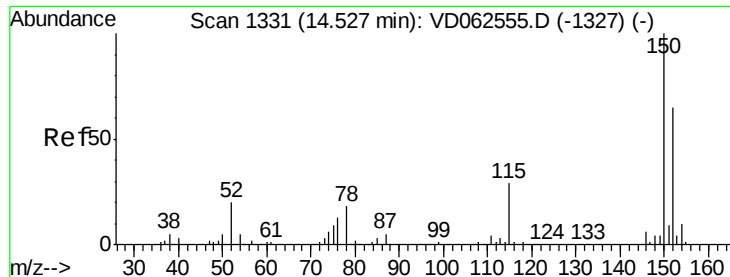
#70
Styrene
Concen: 3.973 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion:104 Resp: 12367
Ion Ratio Lower Upper
104 100
78 60.8 41.5 62.3
103 49.7 36.6 55.0



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

ClientSampled :

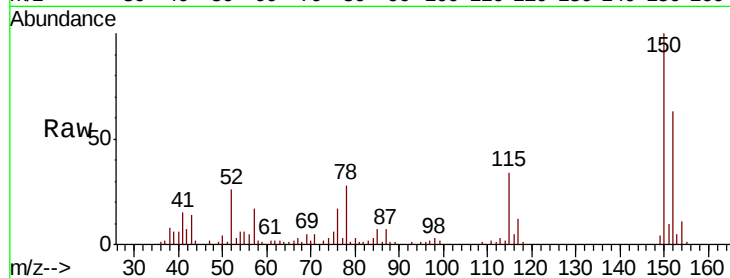
Tot Ion:152 Resp: 39556

Ion Ratio Lower Upper

152 100

115 53.7 28.4 85.3

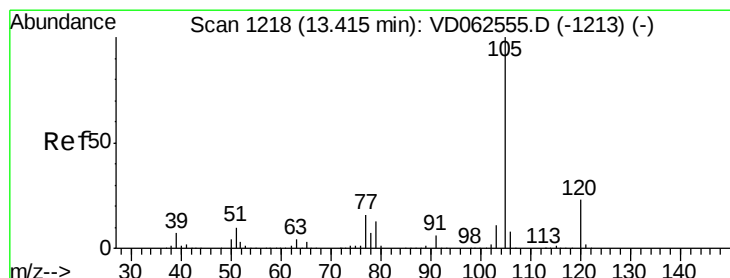
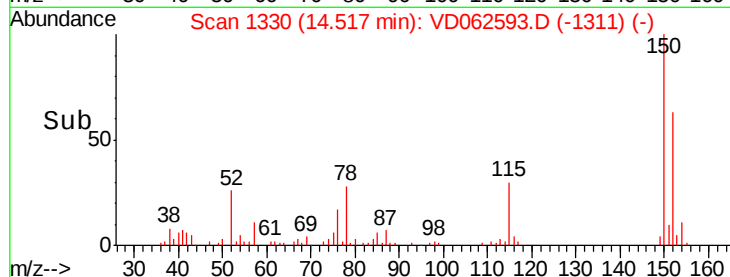
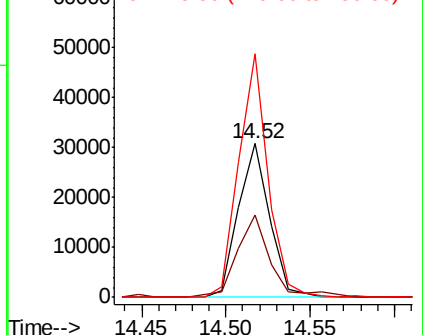
150 158.6 0.0 310.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 3.119 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VD062593.D

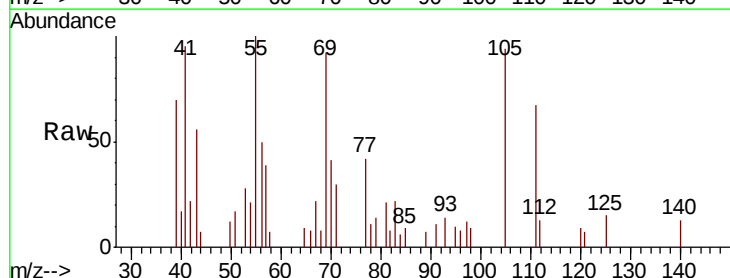
Acq: 3 Jun 2019 18:40

Tgt Ion:105 Resp: 8134

Ion Ratio Lower Upper

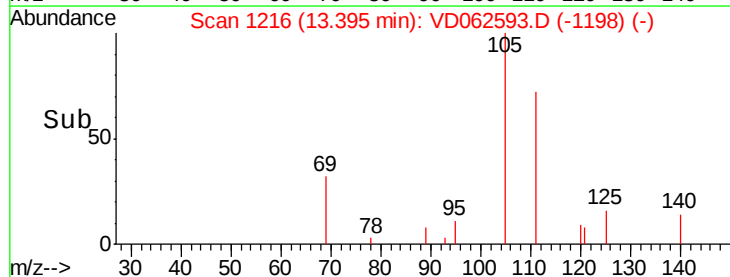
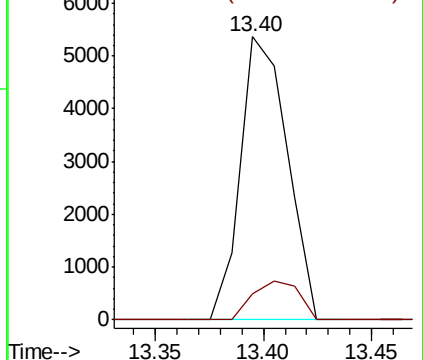
105 100

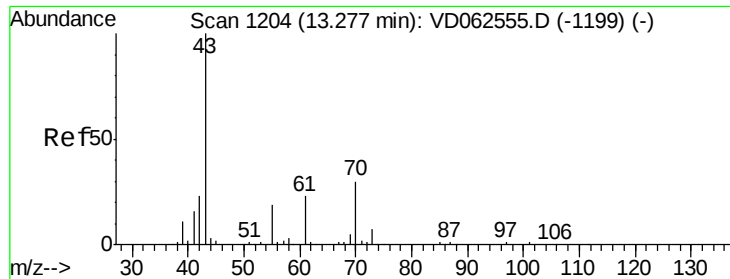
120 9.3 11.6 34.8#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 65.686 ug/l

RT: 13.32 min Scan# 1208

Delta R.T. 0.04 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 43676

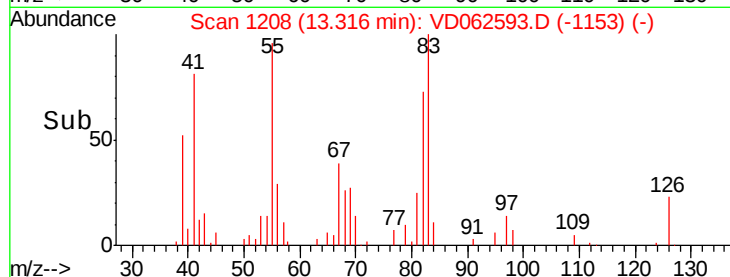
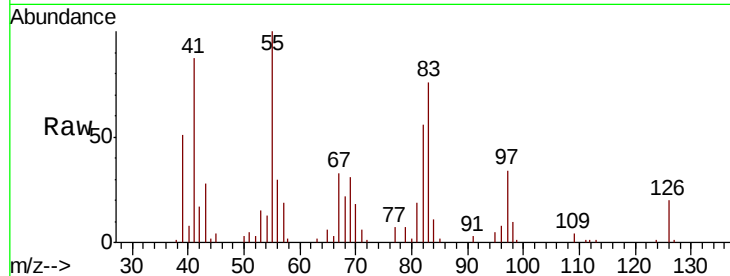
Ion Ratio Lower Upper

43 100

70 62.5 23.7 35.5#

55 354.2 15.0 22.4#

61 0.0 18.4 27.6#

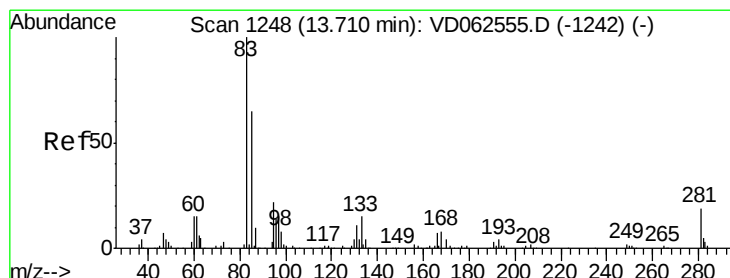
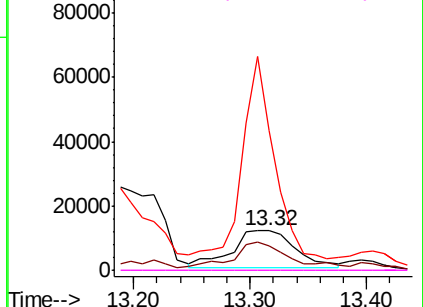


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 31.873 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.04 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

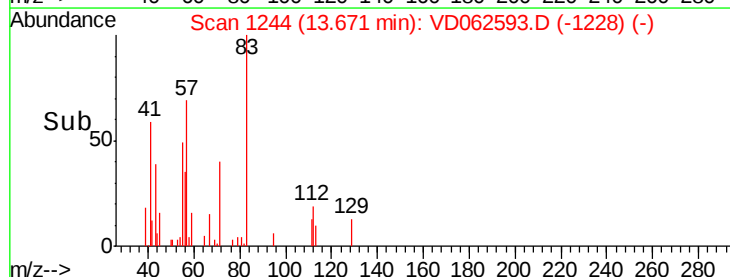
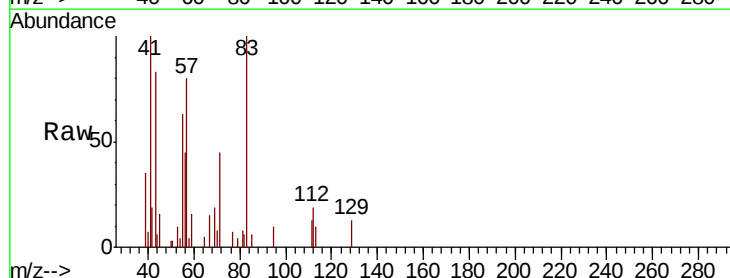
Tgt Ion: 83 Resp: 13182

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

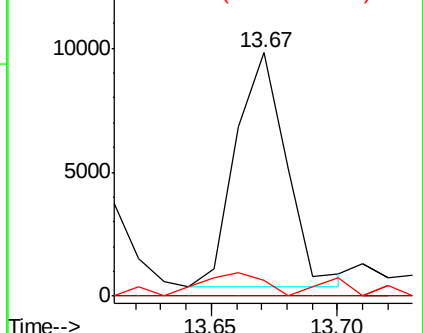
85 6.4 32.6 97.8#

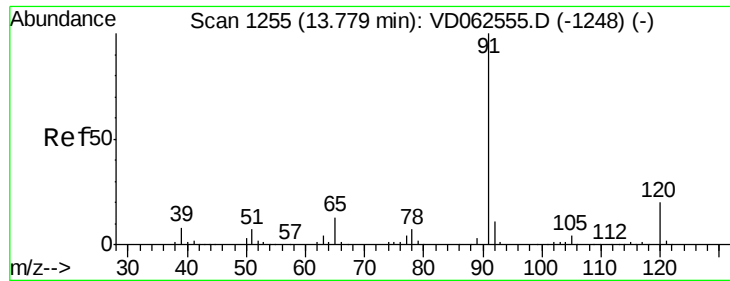


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC

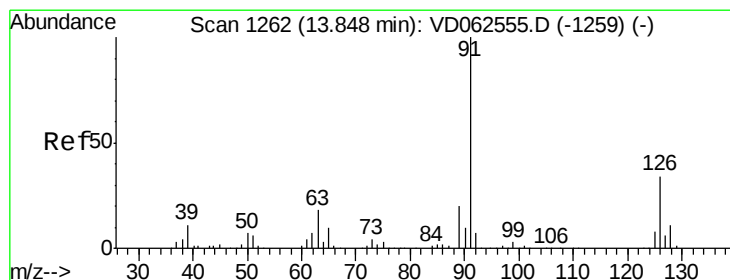
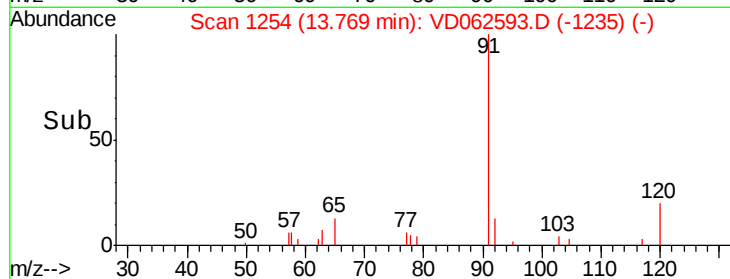
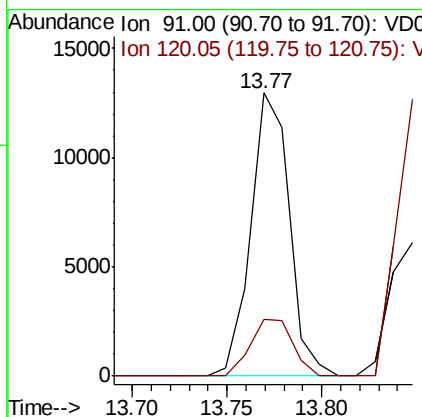
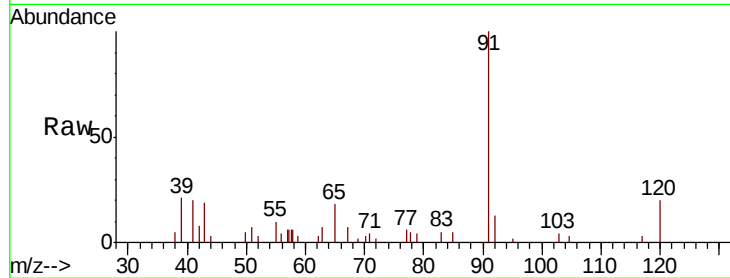




#78
n-propylbenzene
Concen: 6.099 ug/l
RT: 13.77 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

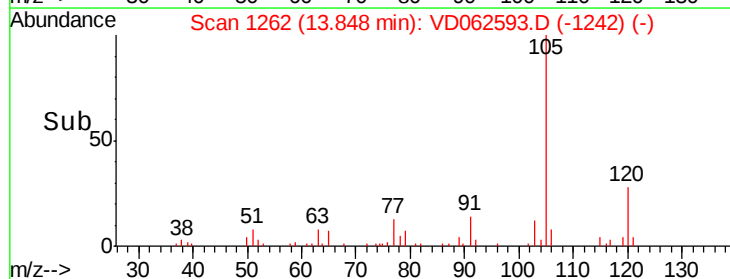
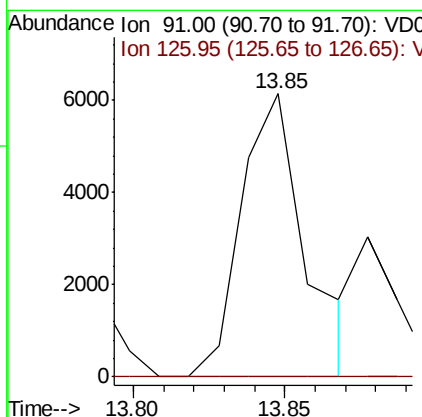
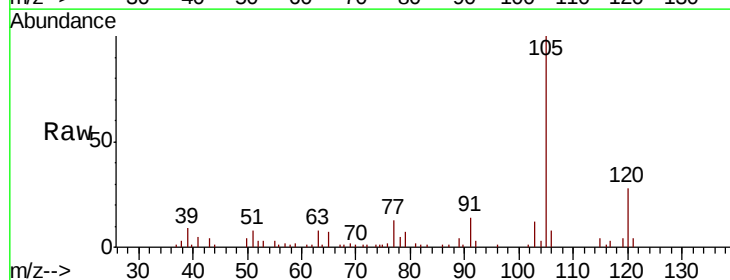
Instrument :
MSVOA_D
ClientSampled :

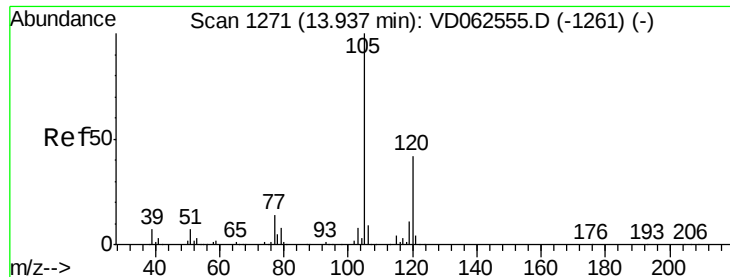
Tot Ion: 91 Resp: 18332
Ion Ratio Lower Upper
91 100
120 20.0 10.0 29.8



#79
2-Chlorotoluene
Concen: 5.184 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 91 Resp: 9035
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#

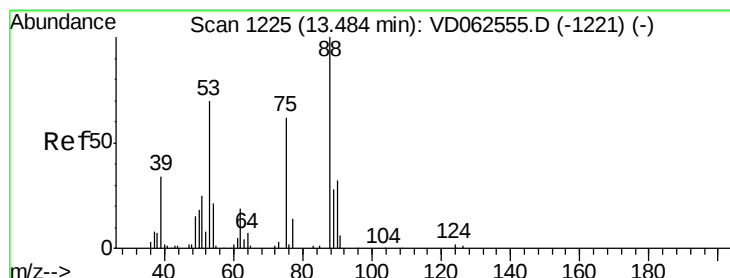
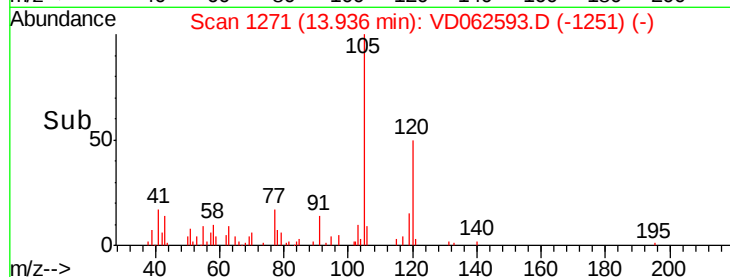
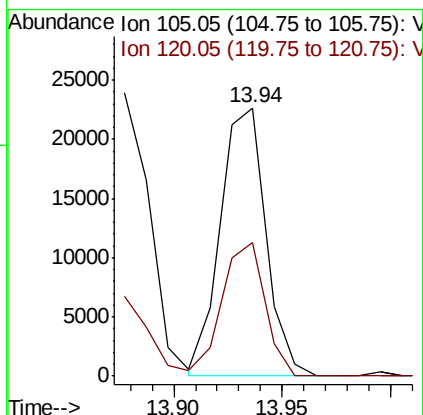
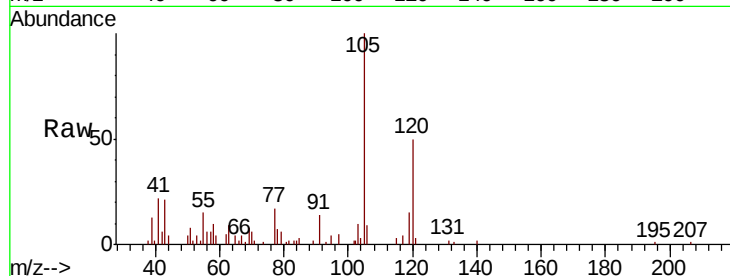




#80
 1,3,5-Trimethylbenzene
 Concen: 15.013 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

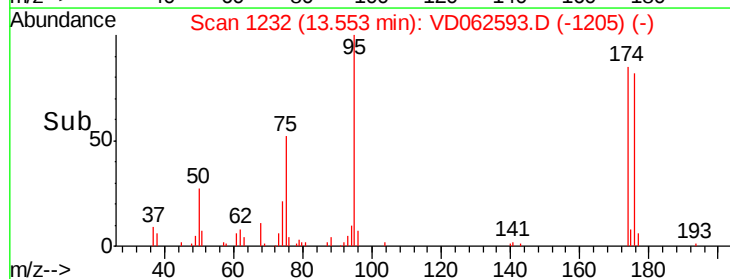
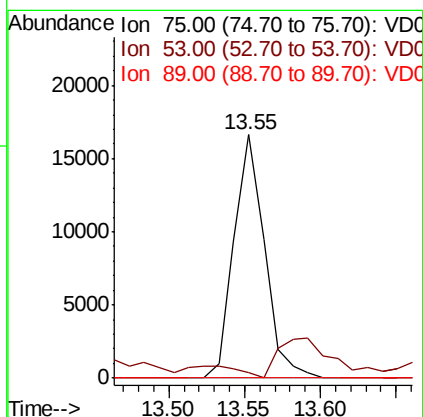
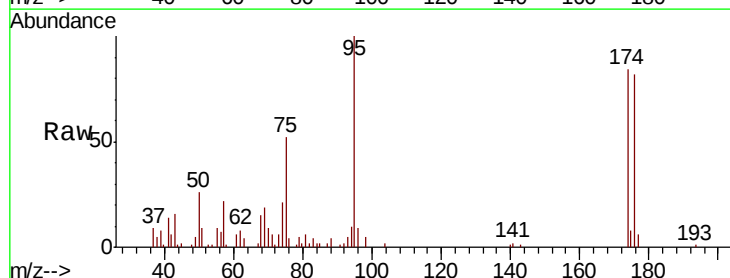
Instrument :
 MSVOA_D
 ClientSampleId :

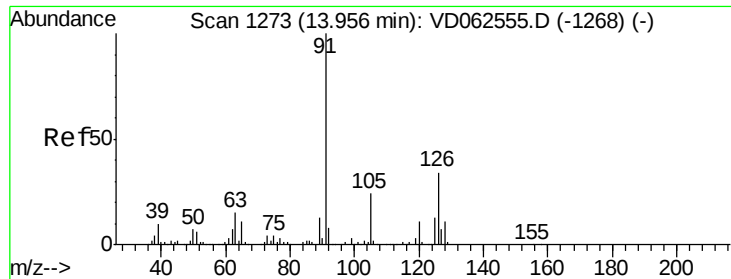
Tot Ion:105 Resp: 33455
 Ion Ratio Lower Upper
 105 100
 120 49.7 20.8 62.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 171.922 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.07 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

Tgt Ion: 75 Resp: 23378
 Ion Ratio Lower Upper
 75 100
 53 2.5 91.0 136.4#
 89 0.0 36.9 55.3#

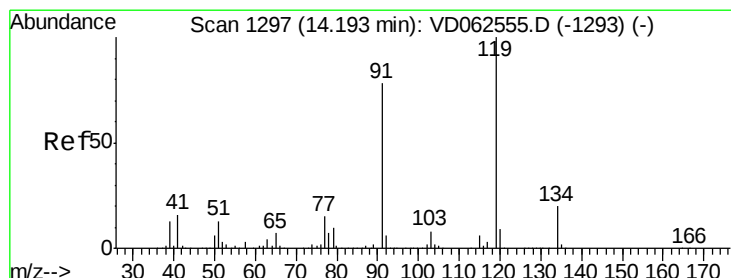
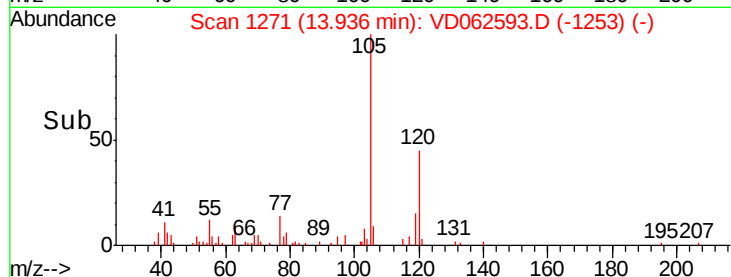
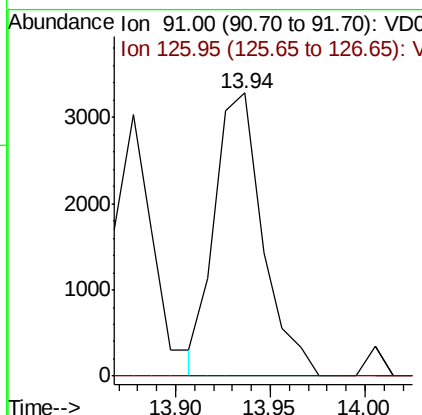
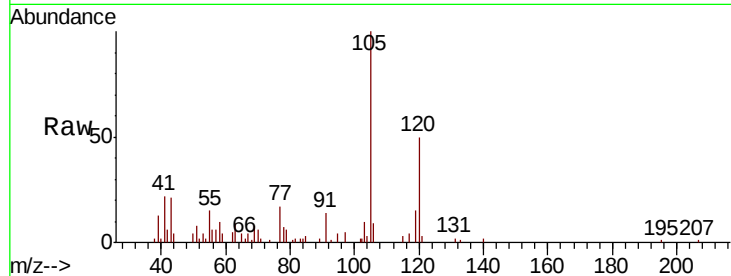




#82
4-Chlorotoluene
Concen: 2.779 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

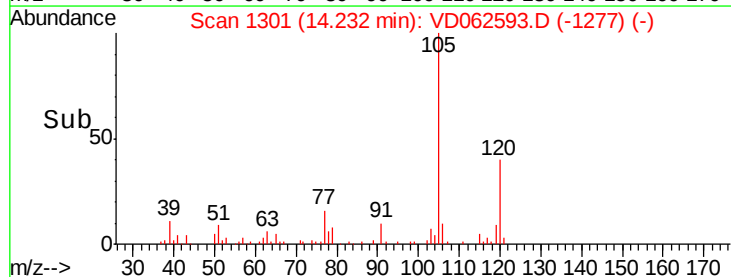
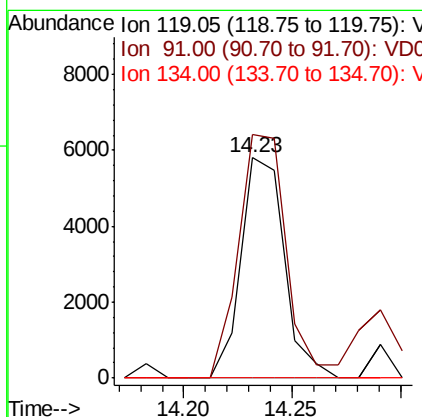
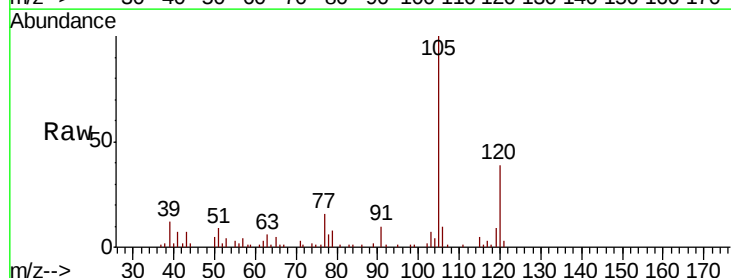
Instrument :
MSVOA_D
ClientSampleId :

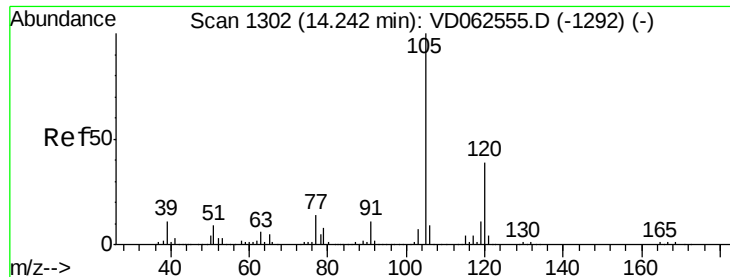
Tot Ion: 91 Resp: 5798
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 3.283 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. 0.04 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 119 Resp: 8163
Ion Ratio Lower Upper
119 100
91 110.6 39.1 117.5
134 0.0 10.1 30.3#

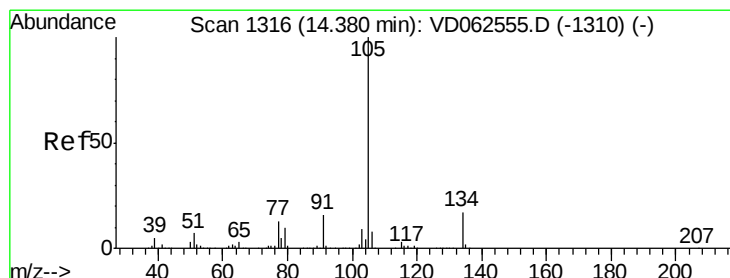
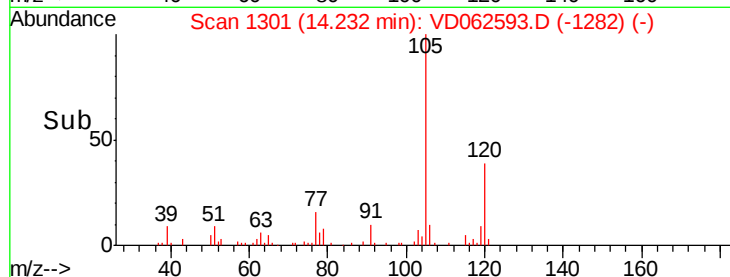
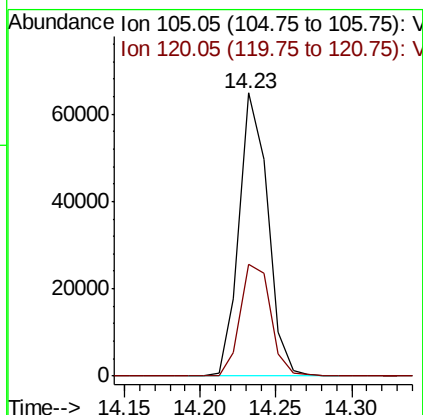
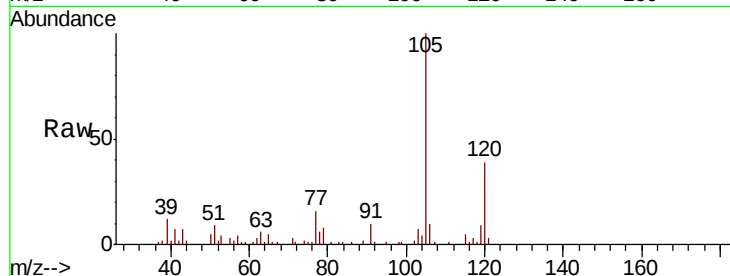




#84
 1,2,4-Trimethylbenzene
 Concen: 37.522 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

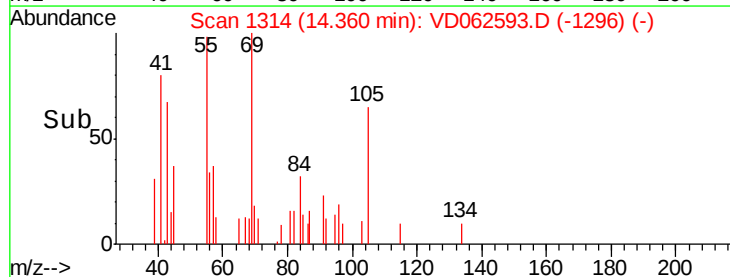
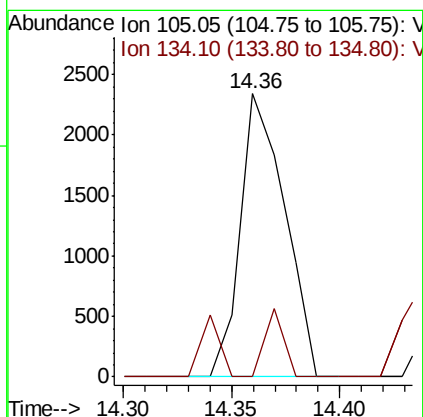
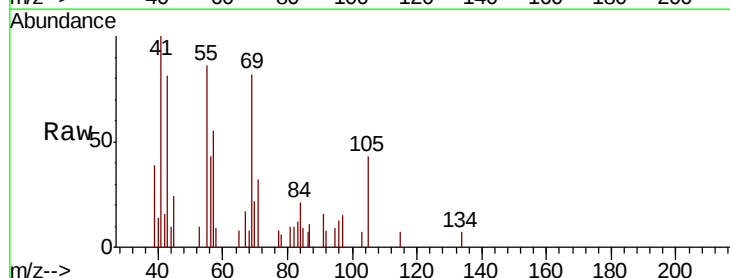
Instrument :
 MSVOA_D
 ClientSampleId :

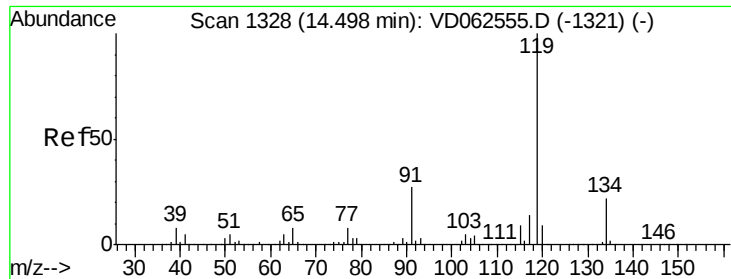
Tot Ion:105 Resp: 85199
 Ion Ratio Lower Upper
 105 100
 120 39.5 19.6 58.8



#85
 sec-Butylbenzene
 Concen: 1.264 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

Tgt Ion:105 Resp: 3329
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.7 26.1#

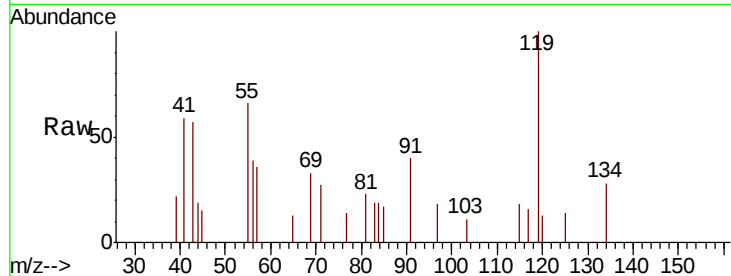




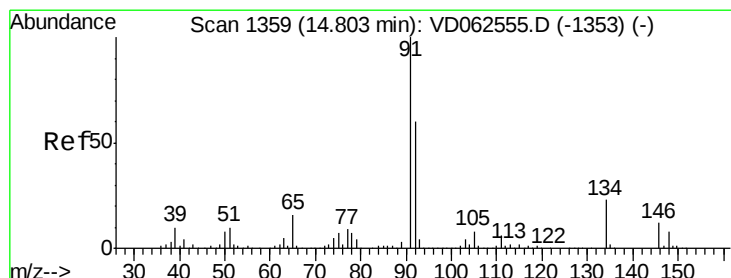
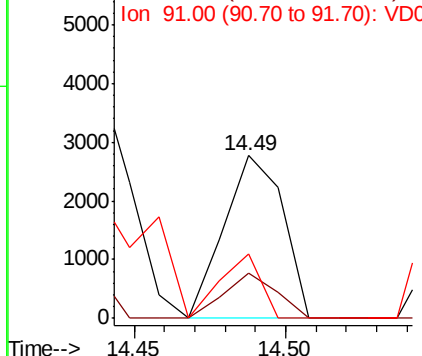
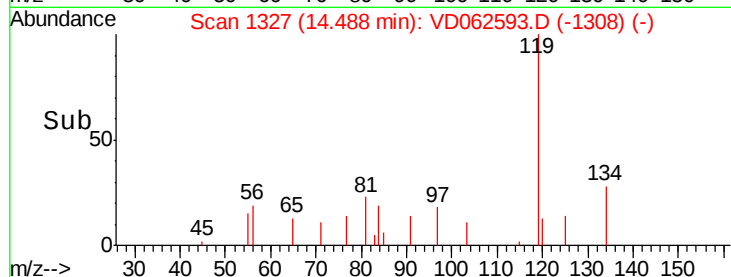
#86
p-Isopropyltoluene
Concen: 1.525 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. -0.01 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 119 Resp: 3754
Ion Ratio Lower Upper
119 100
134 27.9 11.2 33.6
91 39.8 13.6 40.7

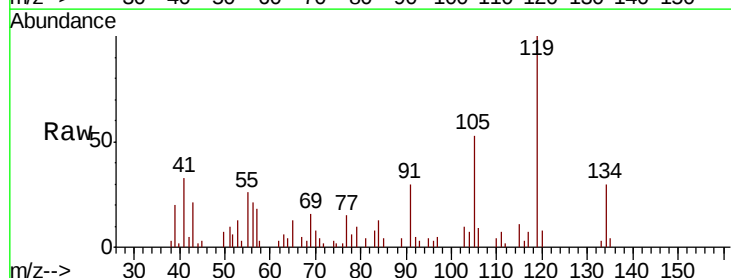


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 134.10 (133.80 to 134.80): V
Ion 91.00 (90.70 to 91.70): V

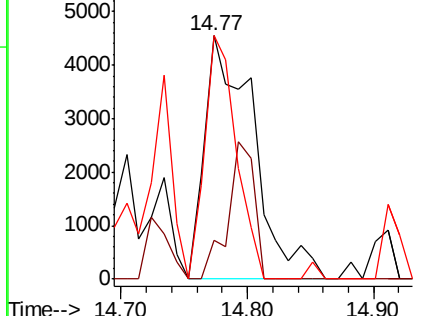
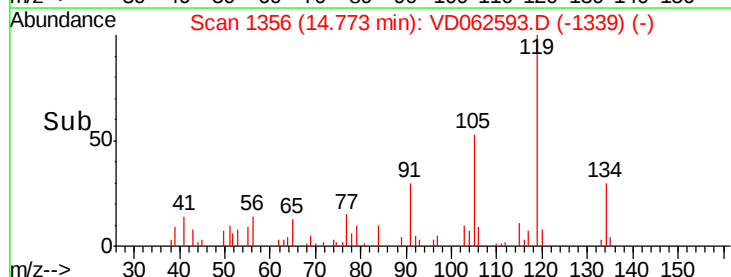


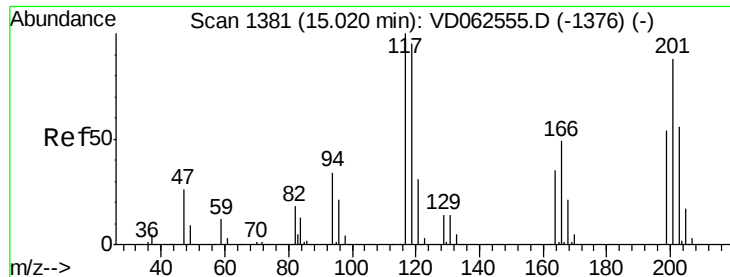
#89
n-Butylbenzene
Concen: 5.585 ug/l
RT: 14.77 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VD062593.D
Acq: 3 Jun 2019 18:40

Tgt Ion: 91 Resp: 12269
Ion Ratio Lower Upper
91 100
92 15.8 29.8 89.4#
134 100.0 11.3 33.8#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.10 (133.80 to 134.80): V





#90

Hexachloroethane

Concen: 4.643 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.02 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

Instrument :

MSVOA_D

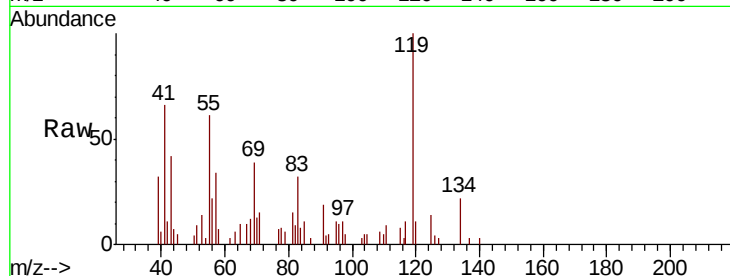
ClientSampleId :

Tot Ion:117 Resp: 3031

Ion Ratio Lower Upper

117 100

201 0.0 43.8 131.4#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

1500

1000

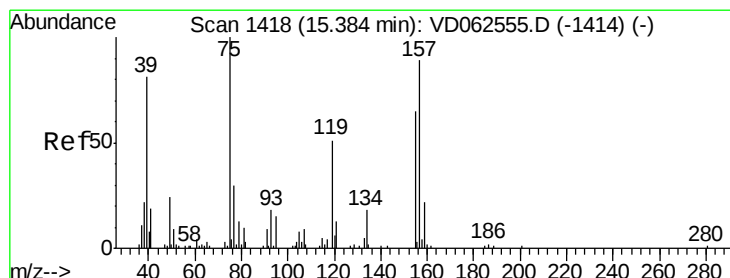
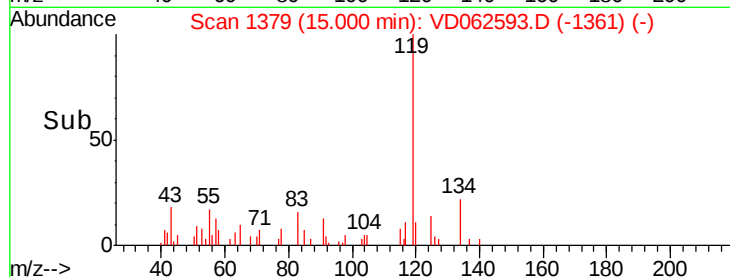
500

0

14.95

15.00

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.530 ug/l

RT: 15.28 min Scan# 1407

Delta R.T. -0.11 min

Lab File: VD062593.D

Acq: 3 Jun 2019 18:40

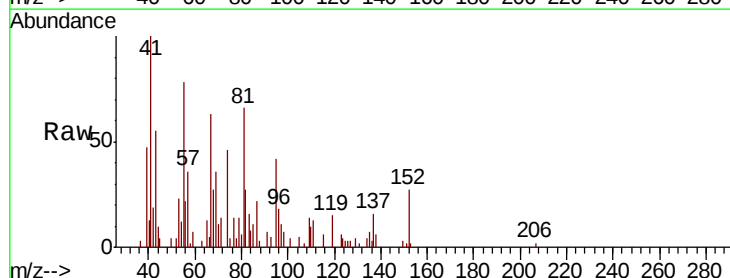
Tgt Ion: 75 Resp: 560

Ion Ratio Lower Upper

75 100

155 0.0 32.6 97.8#

157 0.0 44.5 133.7#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

800

600

400

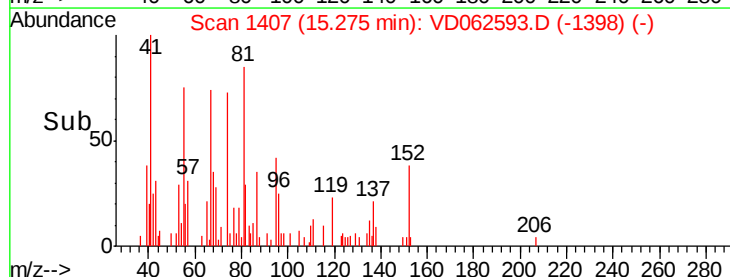
200

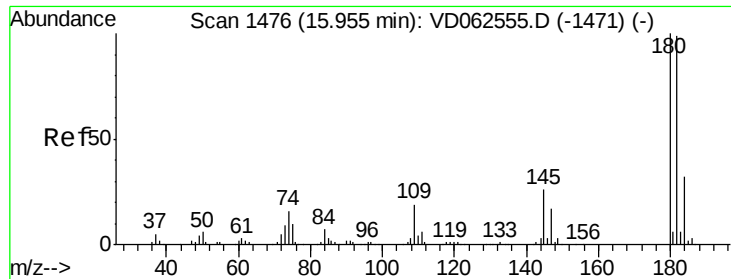
0

15.25

15.30

Time-->

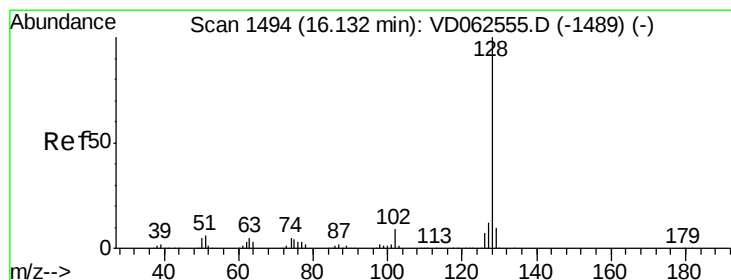
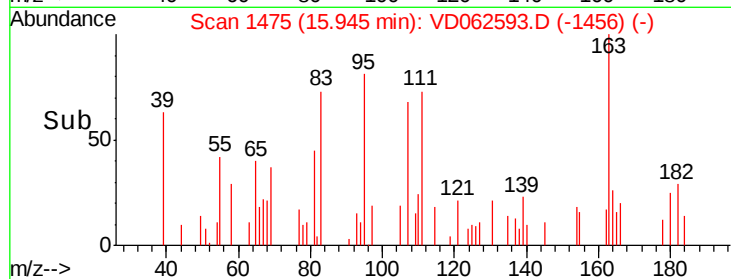
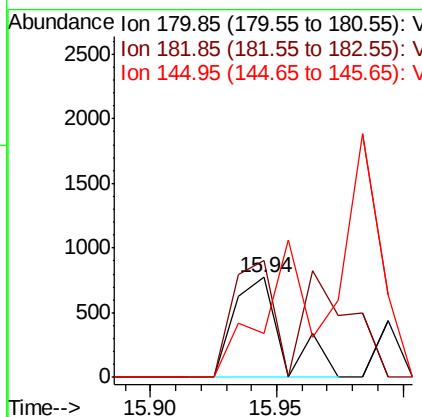
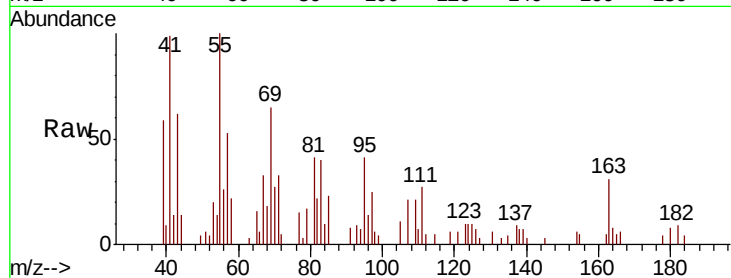




#93
 1,2,4-Trichlorobenzene
 Concen: 1.239 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

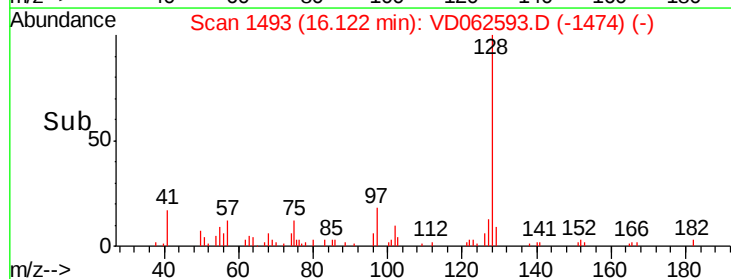
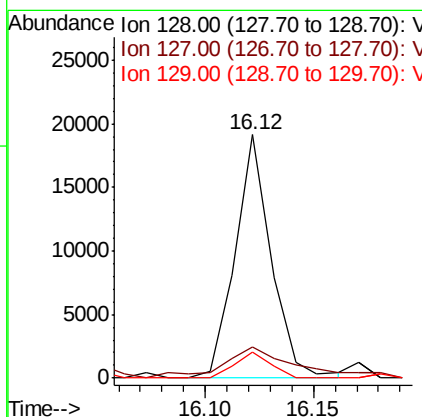
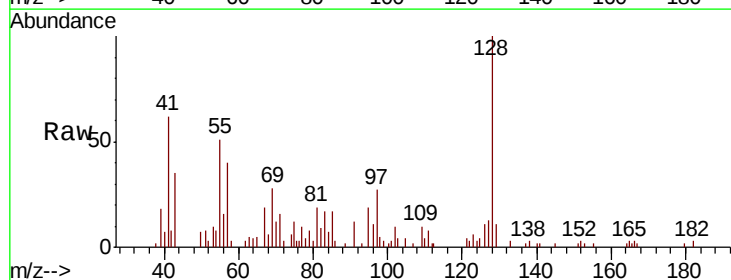
Instrument :
 MSVOA_D
 ClientSampled :

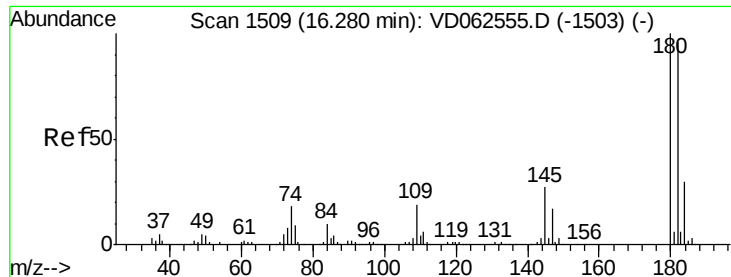
Tot Ion:180 Resp: 1033
 Ion Ratio Lower Upper
 180 100
 182 116.7 49.5 148.3
 145 43.7 13.1 39.3#



#95
 Naphthalene
 Concen: 19.636 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

Tgt Ion:128 Resp: 22294
 Ion Ratio Lower Upper
 128 100
 127 12.6 9.7 14.5
 129 10.8 8.2 12.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.572 ug/l
 RT: 16.25 min Scan# 1506
 Delta R.T. -0.03 min
 Lab File: VD062593.D
 Acq: 3 Jun 2019 18:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 979
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.1 144.3#
 145 0.0 13.3 39.9#

