

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062602.D
 Acq On : 4 Jun 2019 17:05
 Operator : FY/SY
 Sample : K3183-03
 Misc : 5.32g/5mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 05 03:48:50 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	7.04	168	13064	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	18964	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	21124	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	11523	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	10516	68.65	ug/l	-0.02
Spiked Amount			Recovery	=	137.30%	
35) Dibromofluoromethane	6.92	113	8332	48.21	ug/l	-0.01
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	10.41	98	17480	46.17	ug/l	-0.01
Spiked Amount			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	13.55	95	9711	56.87	ug/l	-0.01
Spiked Amount			Recovery	=	113.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.74	50	1578	7.484	ug/l #	43
4) Vinyl Chloride	1.93	62	181	1.564	ug/l #	42
5) Bromomethane	2.17	94	2295	61.060	ug/l #	40
6) Chloroethane	2.24	64	177	3.261	ug/l #	45
8) Diethyl Ether	2.87	74	209	6.661	ug/l #	1
10) Methyl Iodide	3.31	142	4712	28.751	ug/l #	60
11) Tert butyl alcohol	4.04	59	184	28.163	ug/l #	80
12) 1,1-Dichloroethene	3.13	96	318	3.112	ug/l #	1
13) Acrolein	3.05	56	552	193.905	ug/l #	10
14) Allyl chloride	3.66	41	267	1.673	ug/l #	7
16) Acetone	3.20	43	24165	802.913	ug/l #	76
18) Methyl Acetate	3.63	43	1038	21.131	ug/l #	63
20) Methylene Chloride	3.80	84	224	2.011	ug/l #	40
23) Vinyl Acetate	5.16	43	434	2.195	ug/l #	80
25) 2-Butanone	6.05	43	213	7.515	ug/l #	62
29) Tetrahydrofuran	6.09	42	367	28.904	ug/l #	33
31) Cyclohexane	7.02	56	192	1.350	ug/l #	18
36) 1,1-Dichloropropene	7.01	75	683	3.618	ug/l #	41
37) Ethyl Acetate	6.16	43	204	2.563	ug/l #	72
38) Carbon Tetrachloride	7.03	117	861	3.063	ug/l #	15
43) Isopropyl Acetate	9.49	43	435	4.391	ug/l #	50
51) 4-Methyl-2-Pentanone	10.30	43	291	4.211	ug/l #	42
55) 1,1,2-Trichloroethane	11.23	97	1077	12.980	ug/l #	16
67) Ethyl Benzene	12.51	91	1287	1.707	ug/l #	47
68) m/p-Xylenes	12.67	106	334	1.281	ug/l #	66
74) N-amyl acetate	13.27	43	667	3.444	ug/l #	51
76) 1,2,3-Trichloropropane	13.73	75	858	6.206	ug/l #	42
78) n-propylbenzene	13.77	91	1398	1.597	ug/l #	57
79) 2-Chlorotoluene	13.77	91	1398	2.753	ug/l #	41
81) trans-1,4-Dichloro-2-buten	13.55	75	3488	88.053	ug/l #	5
84) 1,2,4-Trimethylbenzene	14.23	105	3076	4.650	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	581	1.609	ug/l #	25
88) 1,4-Dichlorobenzene	14.54	146	785	2.170	ug/l #	26
95) Naphthalene	16.12	128	3299	9.974	ug/l #	87

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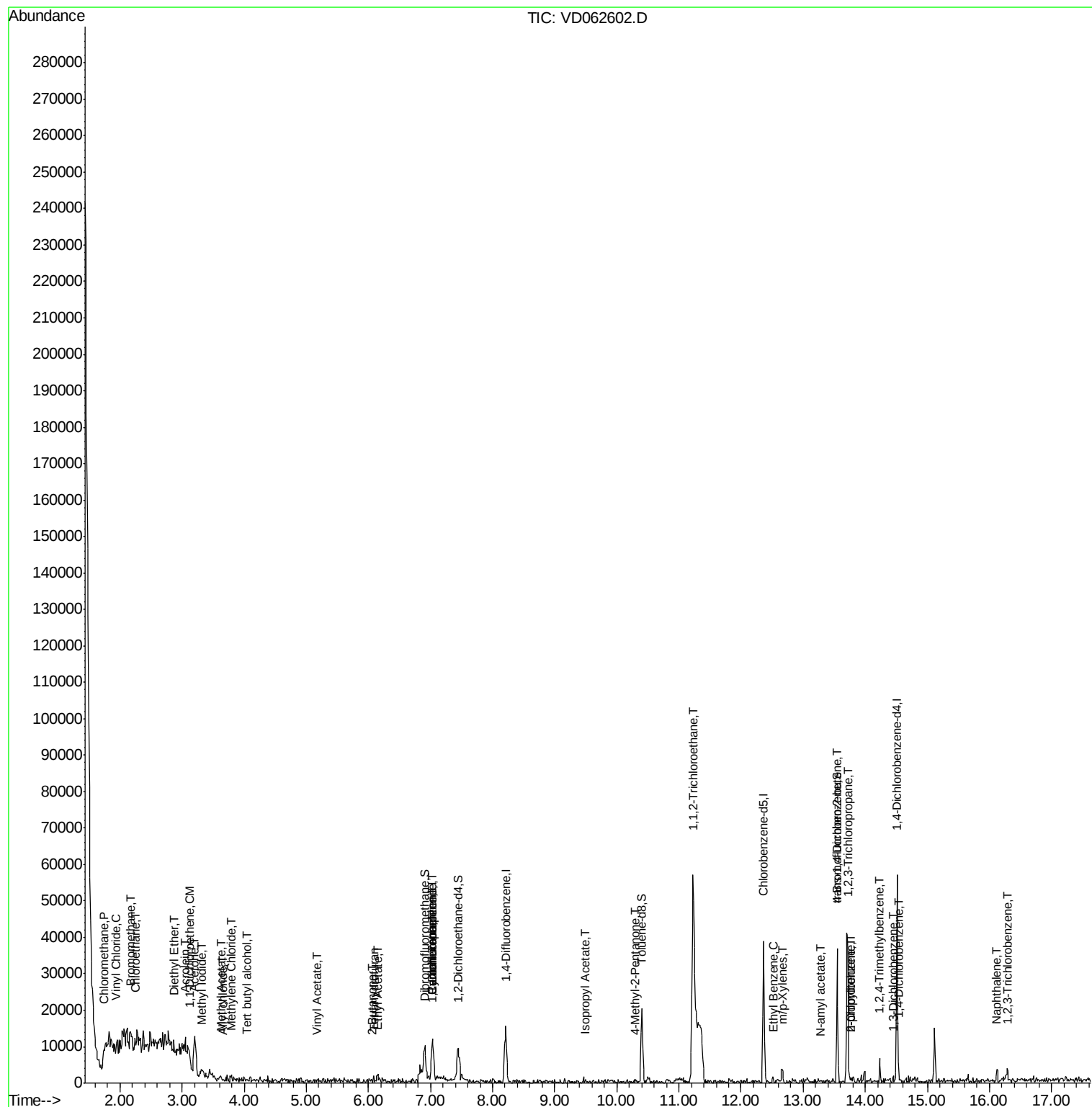
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	16.28	180	321	1.769	ug/l #	76

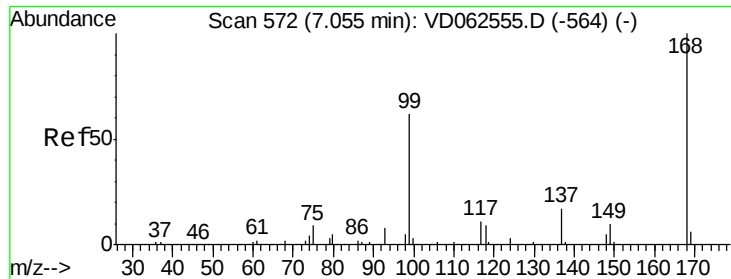
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

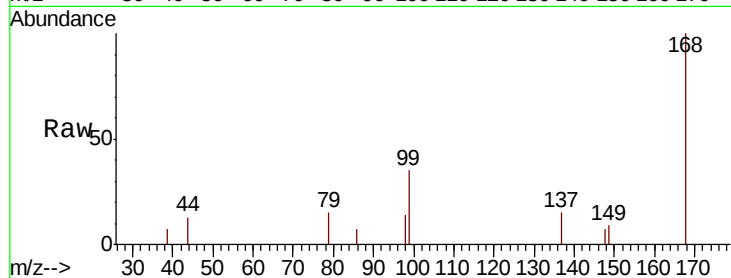
ClientSampleId :

Tot Ion:168 Resp: 13064

Ion Ratio Lower Upper

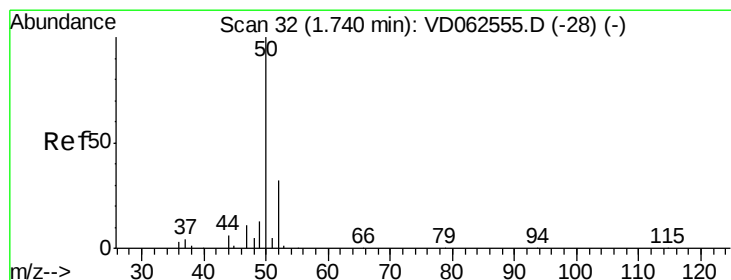
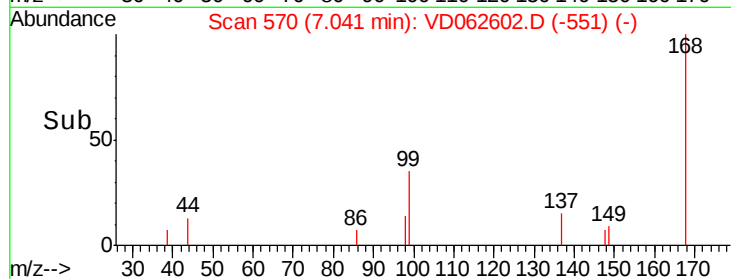
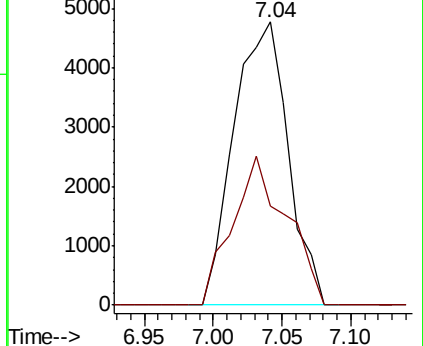
168 100

99 35.1 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: 7.484 ug/l

RT: 1.74 min Scan# 31

Delta R.T. -0.00 min

Lab File: VD062602.D

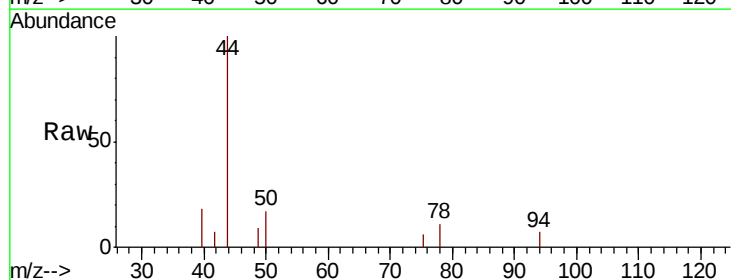
Acq: 4 Jun 2019 17:05

Tgt Ion: 50 Resp: 1578

Ion Ratio Lower Upper

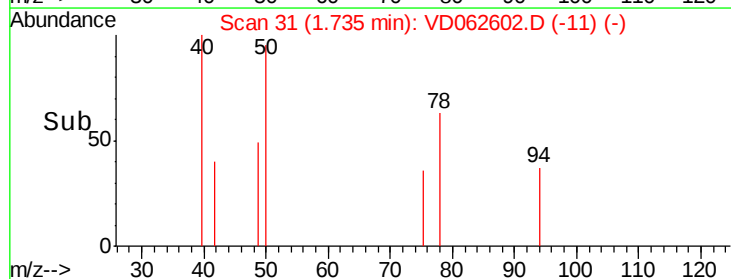
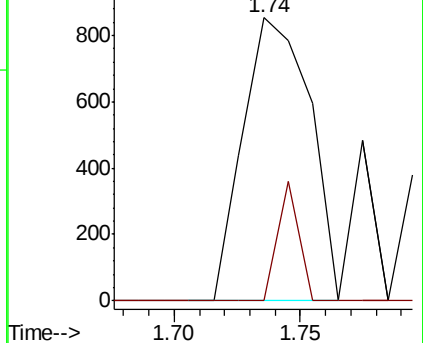
50 100

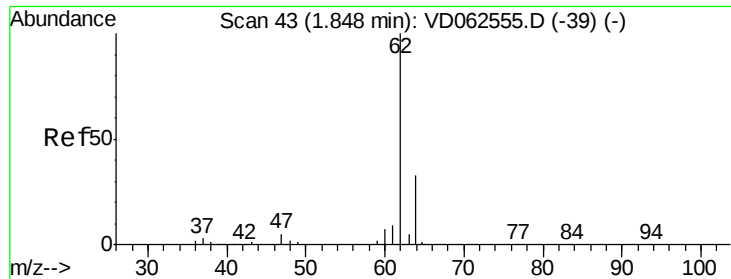
52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 1.564 ug/l

RT: 1.93 min Scan# 51

Delta R.T. 0.08 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

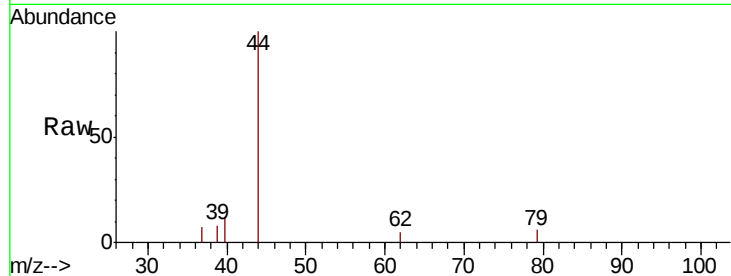
ClientSampleId :

Tot Ion: 62 Resp: 181

Ion Ratio Lower Upper

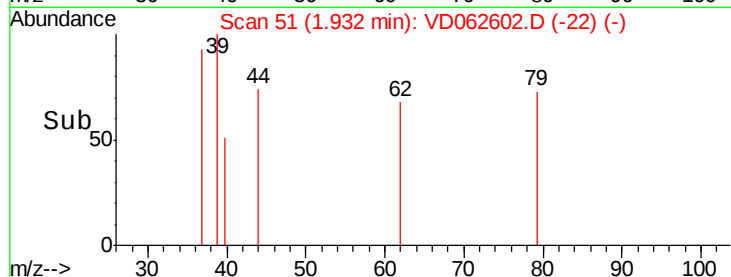
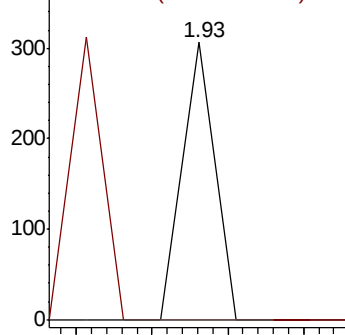
62 100

64 0.0 26.5 39.7#

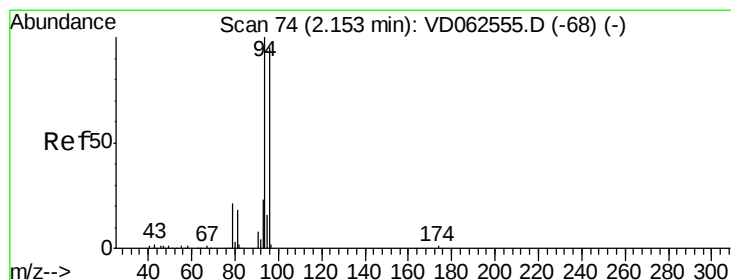


Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC



Time-->



#5

Bromomethane

Concen: 61.060 ug/l

RT: 2.17 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

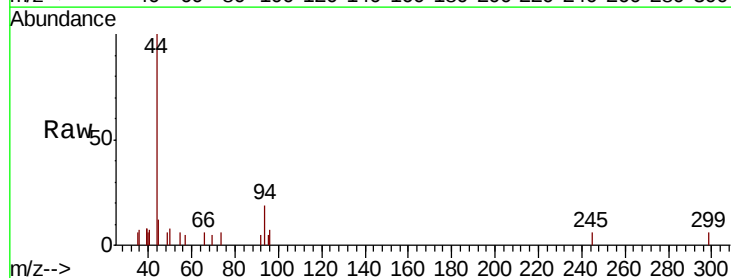
Tgt Ion: 94 Resp: 2295

Ion Ratio Lower Upper

94 100

96 33.7 76.2 114.4#

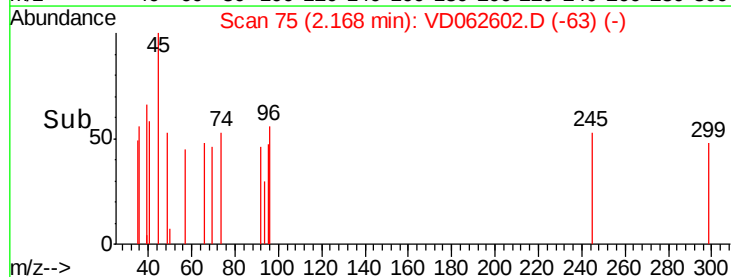
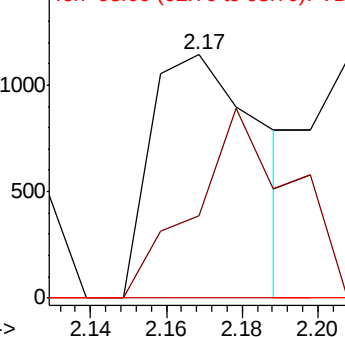
93 0.0 18.4 27.6#



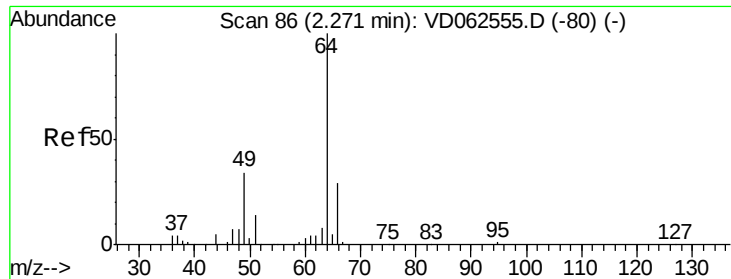
Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



Time-->



#6

Chloroethane

Concen: 3.261 ug/l

RT: 2.24 min Scan# 82

Delta R.T. -0.03 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

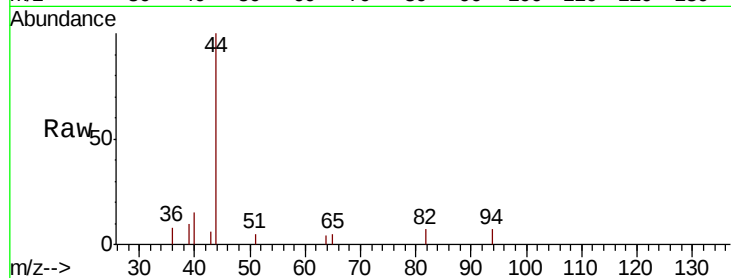
ClientSampled :

Tot Ion: 64 Resp: 177

Ion Ratio Lower Upper

64 100

66 0.0 23.4 35.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

600

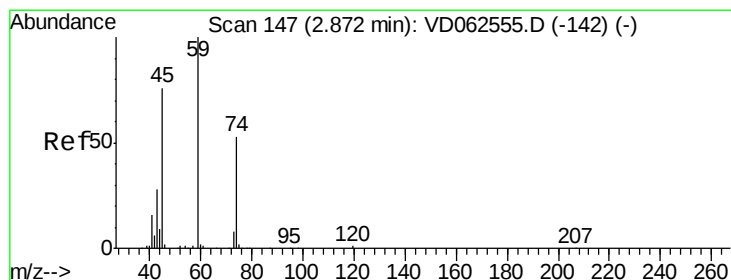
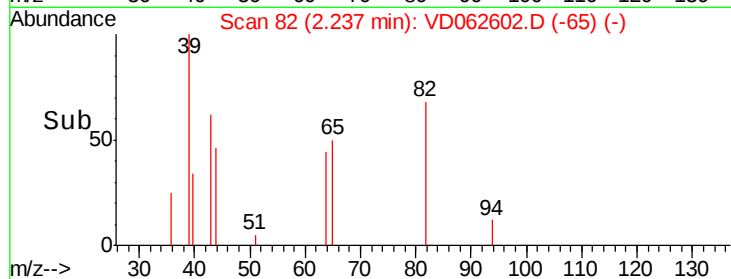
400

200

0

2.20 2.22 2.24 2.26

Time-->



#8

Diethyl Ether

Concen: 6.661 ug/l

RT: 2.87 min Scan# 146

Delta R.T. -0.00 min

Lab File: VD062602.D

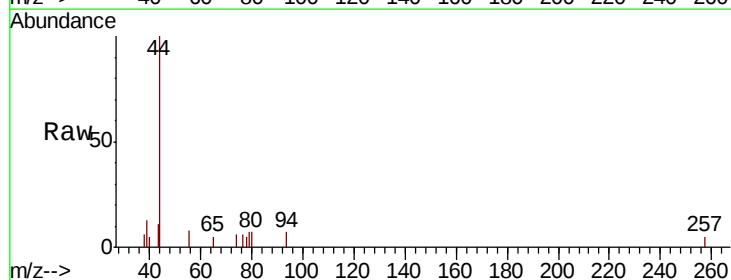
Acq: 4 Jun 2019 17:05

Tgt Ion: 74 Resp: 209

Ion Ratio Lower Upper

74 100

45 0.0 71.9 215.7#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

600

500

400

300

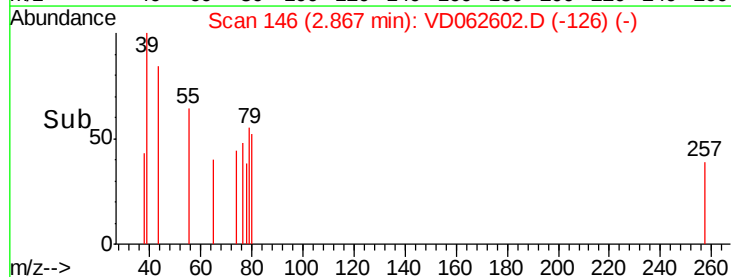
200

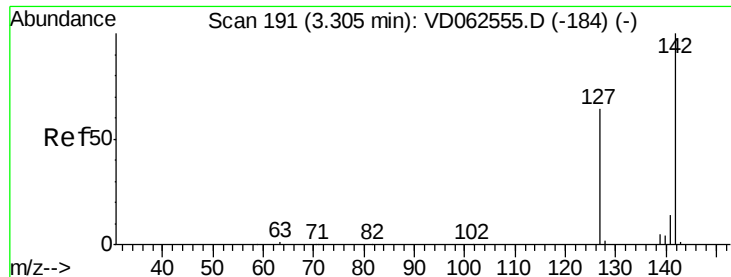
100

0

2.84 2.86 2.88 2.90

Time-->

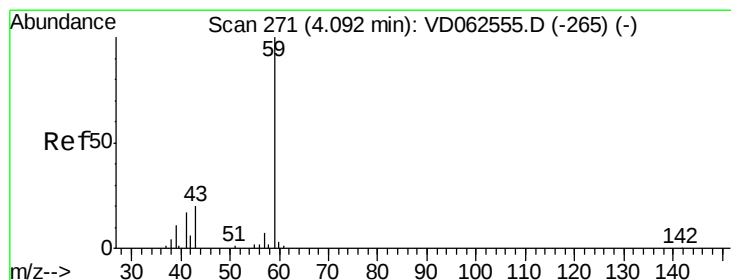
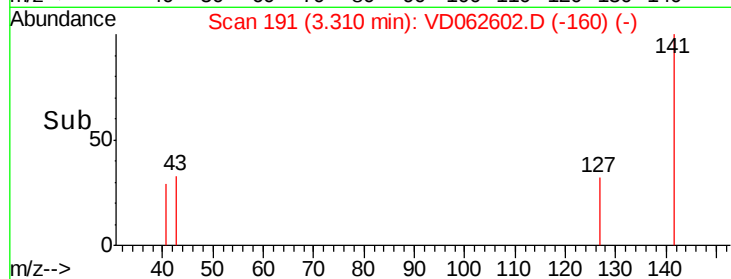
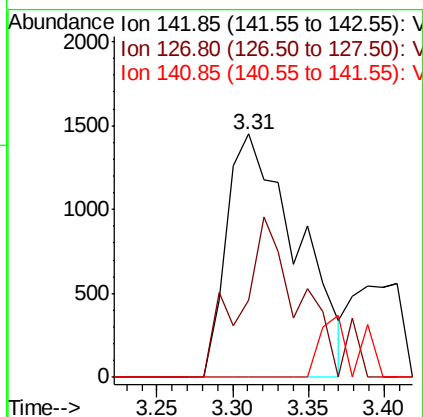
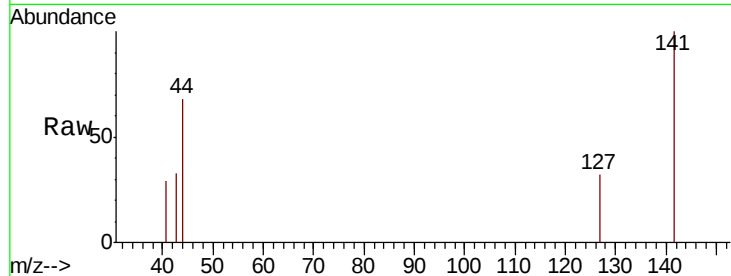




#10
Methvl Iodide
Concen: 28.751 ug/l
RT: 3.31 min Scan# 191
Delta R.T. 0.01 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

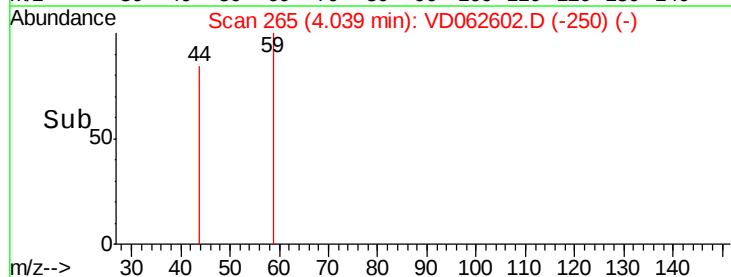
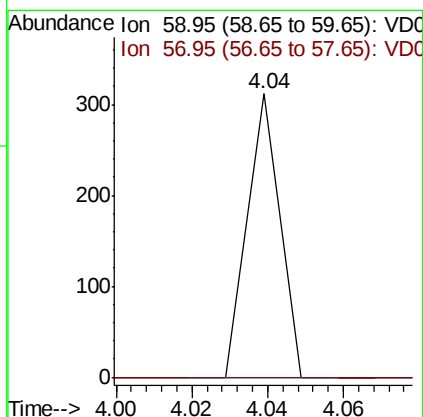
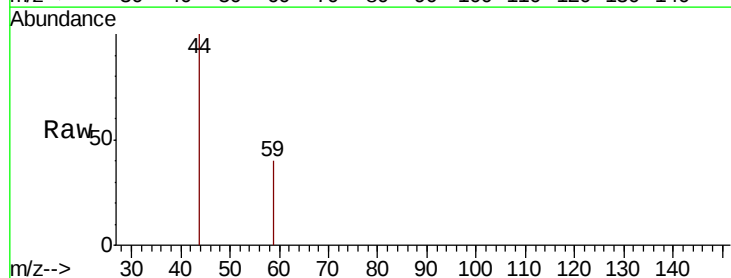
Instrument :
MSVOA_D
ClientSampleId :

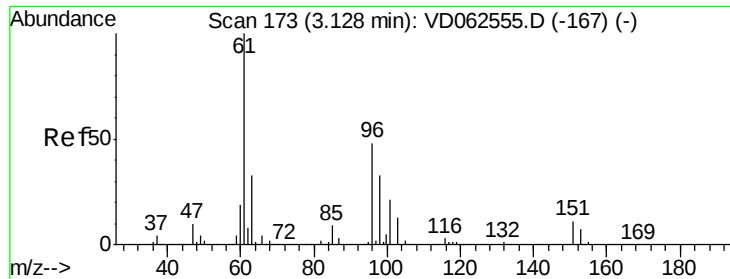
Tot Ion:142 Resp: 4712
Ion Ratio Lower Upper
142 100
127 31.8 51.2 76.8#
141 0.0 11.0 16.4#



#11
Tert butyl alcohol
Concen: 28.163 ug/l
RT: 4.04 min Scan# 265
Delta R.T. -0.05 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.0#





#12

1,1-Dichloroethene

Concen: 3.112 ug/l

RT: 3.13 min Scan# 173

Delta R.T. 0.01 min

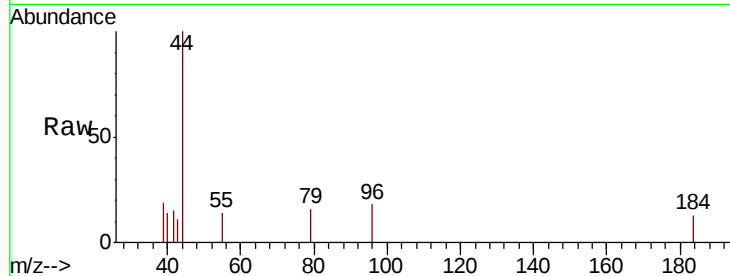
Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

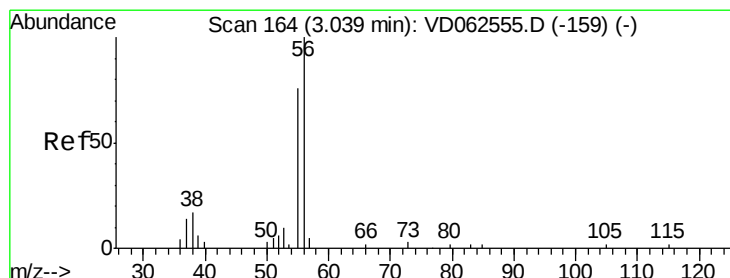
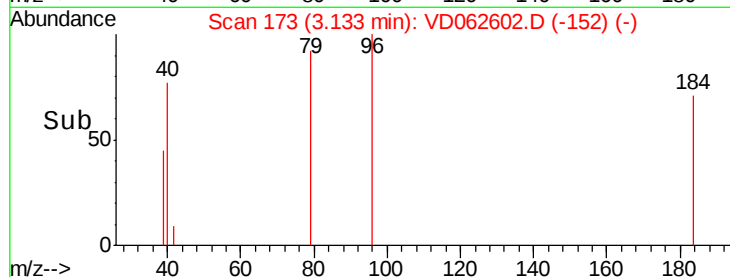
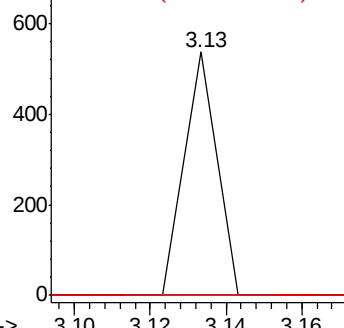
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 318

Ion	Ratio	Lower	Upper
96	100		
61	0.0	166.6	250.0#
98	0.0	54.4	81.6#



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#13

Acrolein

Concen: 193.905 ug/l

RT: 3.05 min Scan# 165

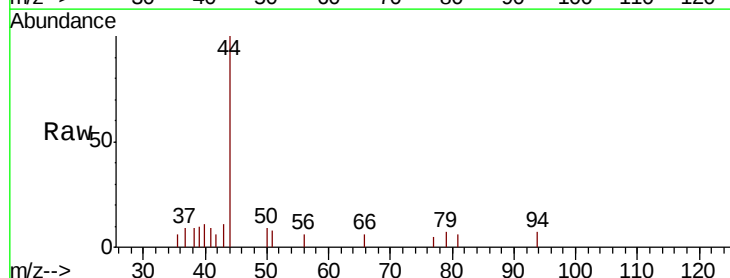
Delta R.T. 0.02 min

Lab File: VD062602.D

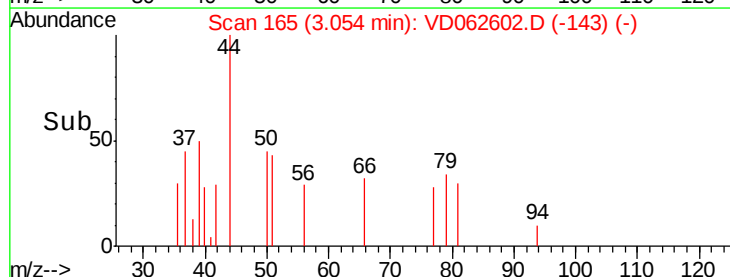
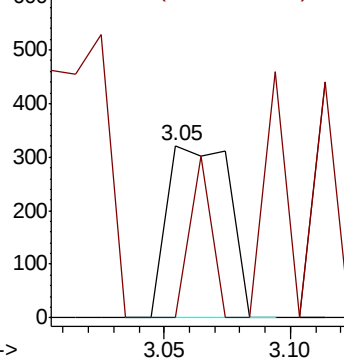
Acq: 4 Jun 2019 17:05

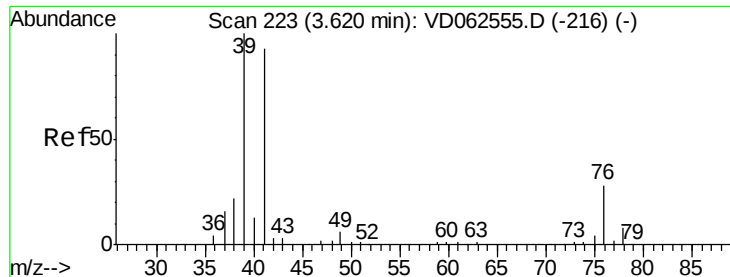
Tgt Ion: 56 Resp: 552

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.6	93.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC

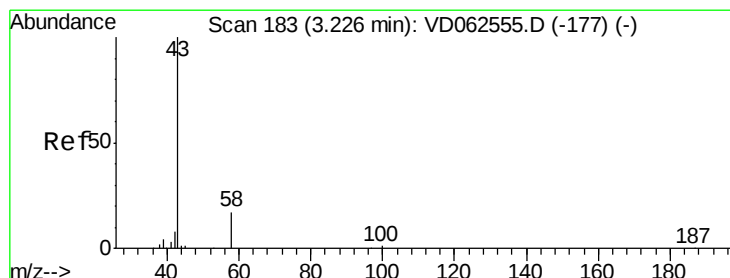
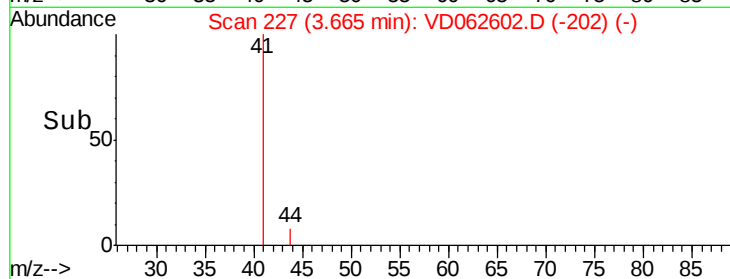
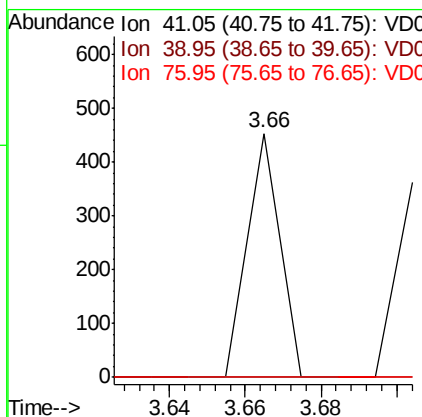
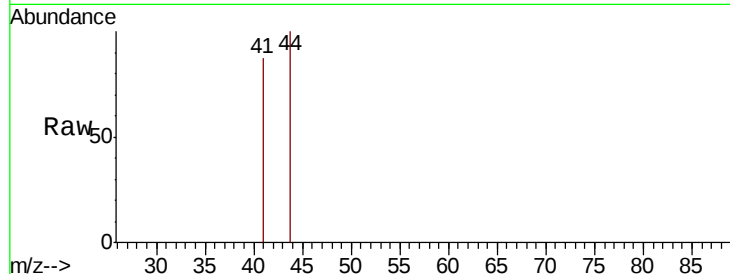




#14
Allvl chloride
Concen: 1.673 ug/l
RT: 3.66 min Scan# 227
Delta R.T. 0.05 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

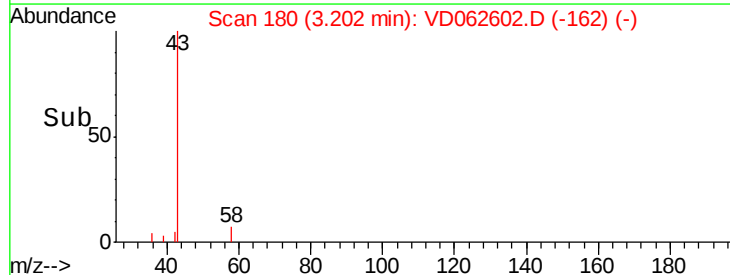
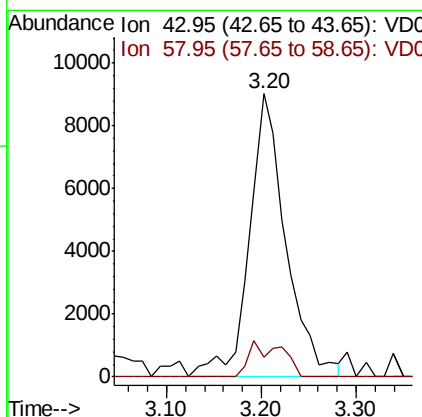
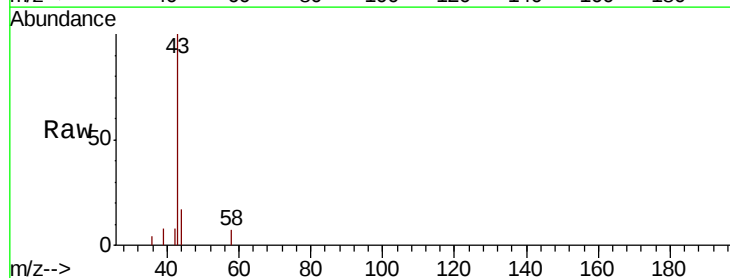
Instrument :
MSVOA_D
ClientSampleId :

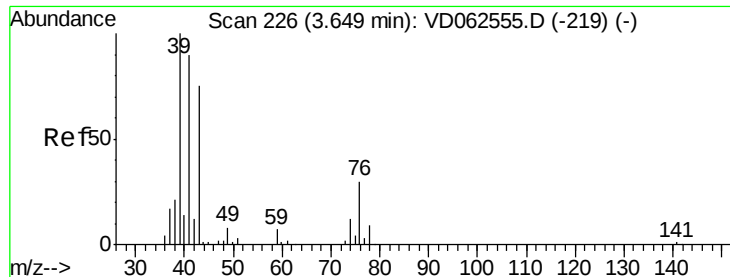
Tot Ion: 41 Resp: 267
Ion Ratio Lower Upper
41 100
39 0.0 86.3 129.5#
76 0.0 25.5 38.3#



#16
Acetone
Concen: 802.913 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.02 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Tgt Ion: 43 Resp: 24165
Ion Ratio Lower Upper
43 100
58 6.8 13.8 20.8#

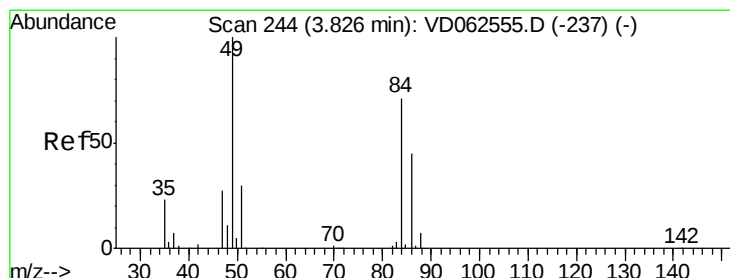
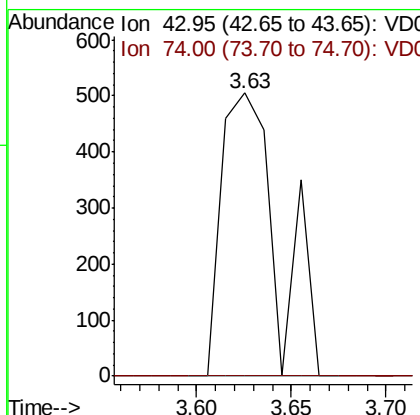
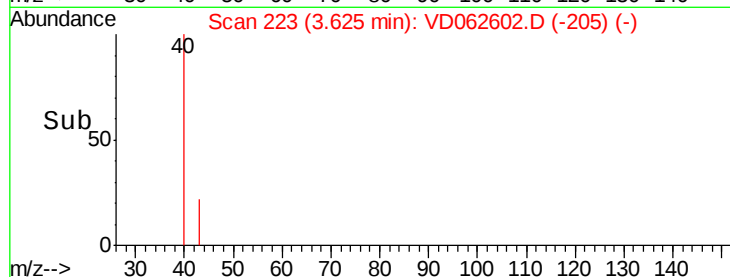
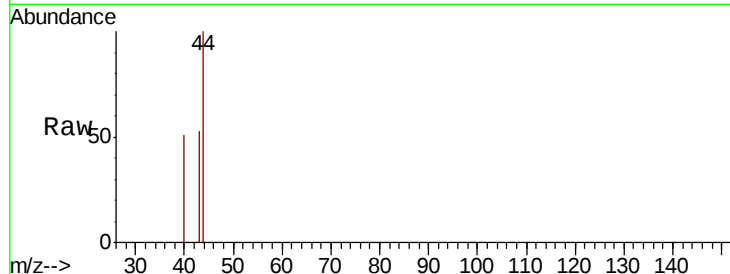




#18
Methyl Acetate
Concen: 21.131 ug/l
RT: 3.63 min Scan# 223
Delta R.T. -0.02 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

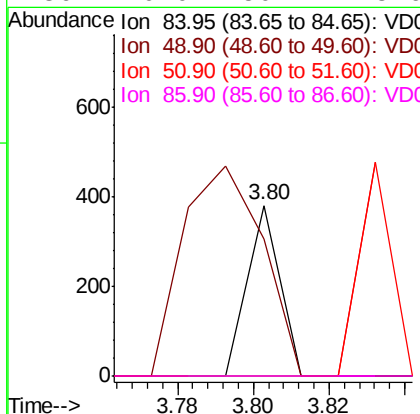
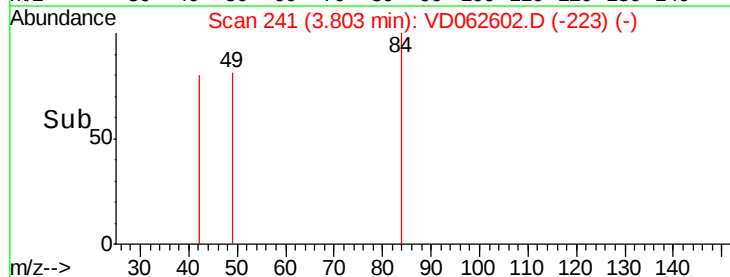
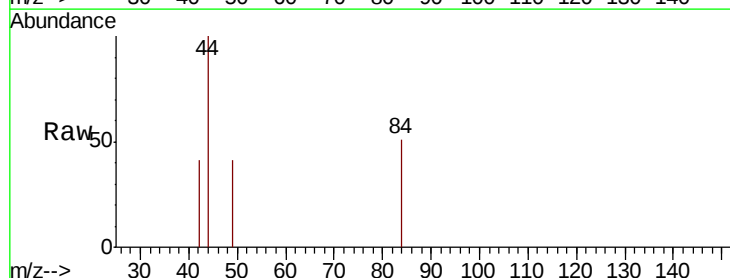
Instrument :
MSVOA_D
ClientSampleId :

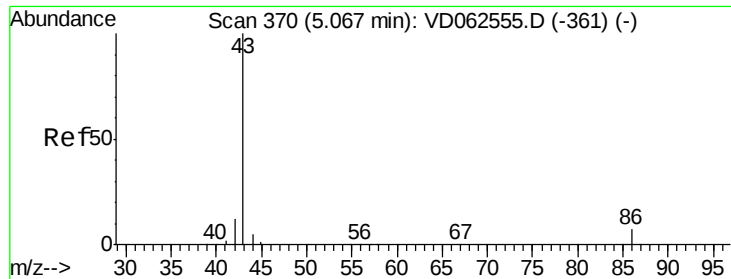
Tot Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
74 0.0 12.5 18.7#



#20
Methylene Chloride
Concen: 2.011 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Tgt Ion: 84 Resp: 224
Ion Ratio Lower Upper
84 100
49 80.5 112.3 168.5#
51 0.0 33.6 50.4#
86 0.0 50.4 75.6#

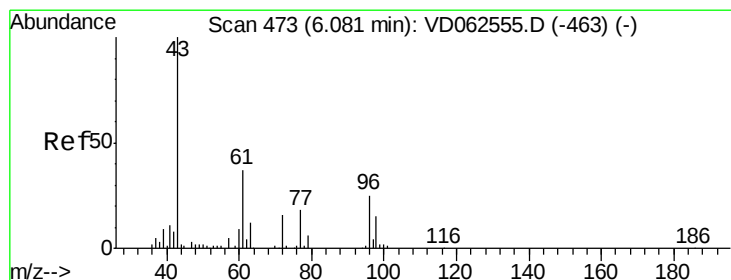
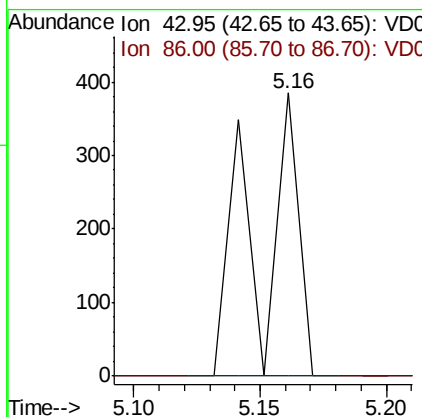
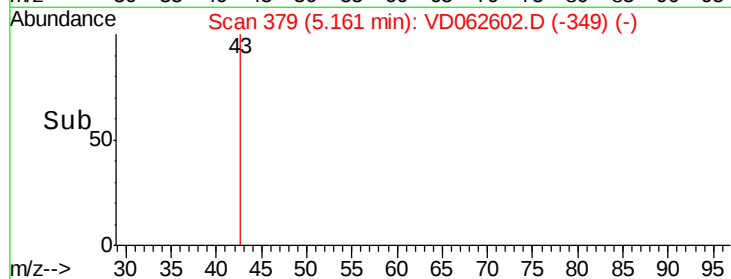
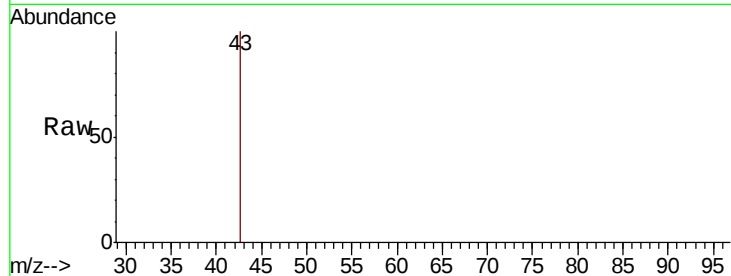




#23
 Vinyl Acetate
 Concen: 2.195 ug/l
 RT: 5.16 min Scan# 379
 Delta R.T. 0.09 min
 Lab File: VD062602.D
 Acq: 4 Jun 2019 17:05

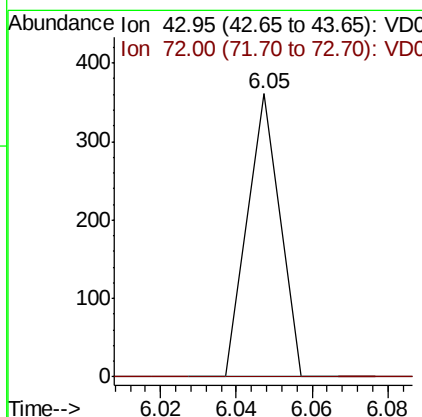
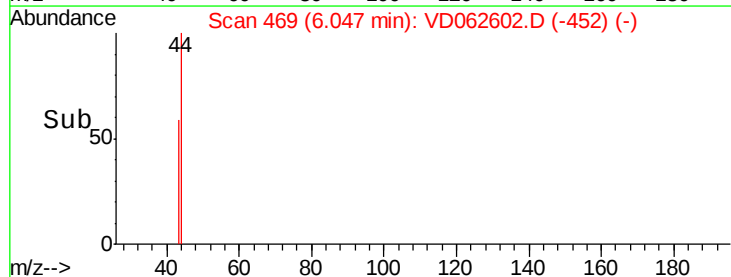
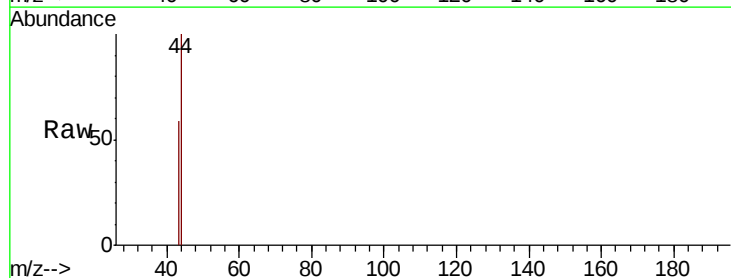
Instrument :
 MSVOA_D
 ClientSampleId :

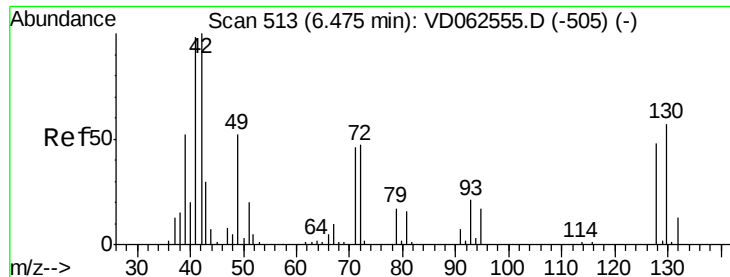
Tot Ion: 43 Resp: 434
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.5 8.3#



#25
 2-Butanone
 Concen: 7.515 ug/l
 RT: 6.05 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: VD062602.D
 Acq: 4 Jun 2019 17:05

Tgt Ion: 43 Resp: 213
 Ion Ratio Lower Upper
 43 100
 72 0.0 12.7 19.1#

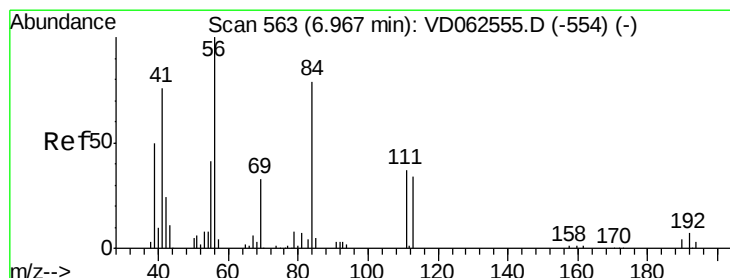
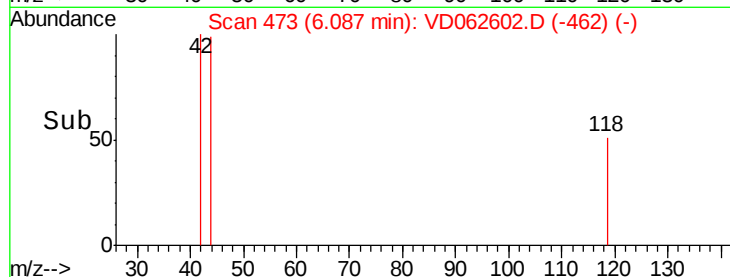
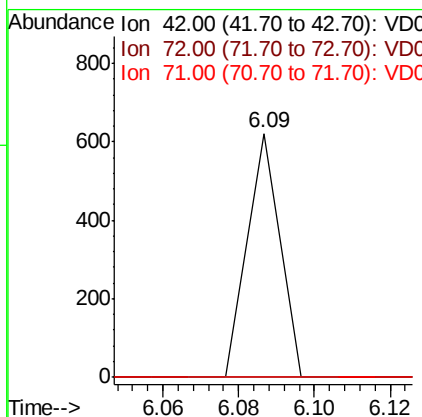
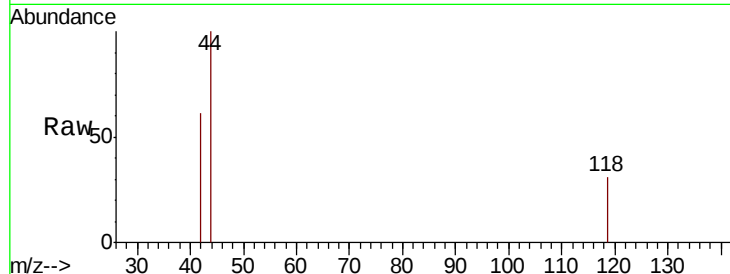




#29
Tetrahydrofuran
Concen: 28.904 ug/l
RT: 6.09 min Scan# 473
Delta R.T. -0.39 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

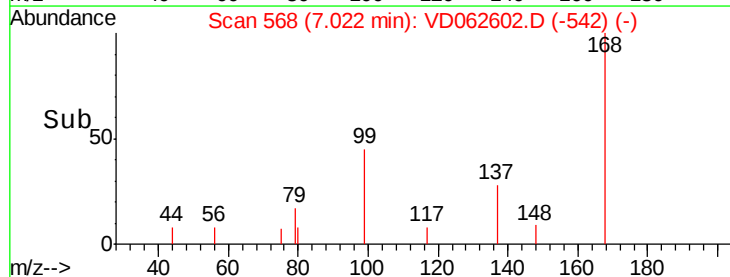
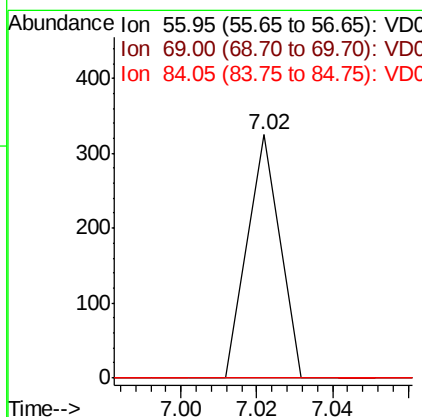
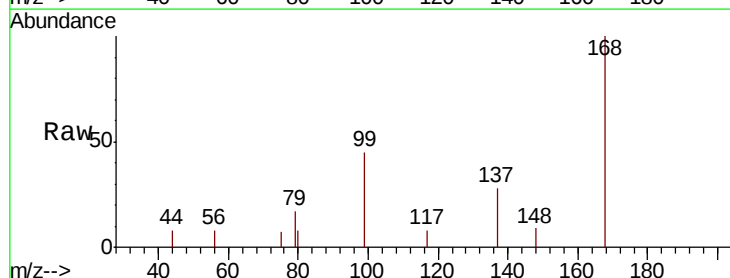
Instrument :
MSVOA_D
ClientSampleId :

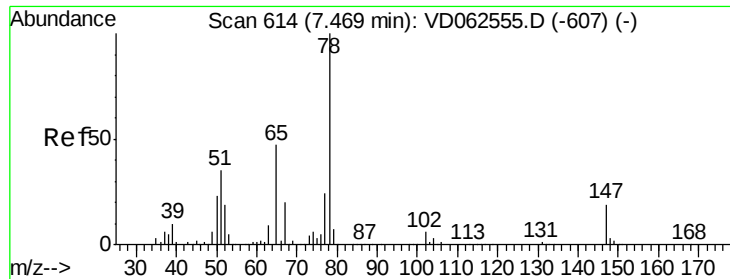
Tot Ion: 42 Resp: 367
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 0.0 33.0 49.6#



#31
Cyclohexane
Concen: 1.350 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.05 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Tgt Ion: 56 Resp: 192
Ion Ratio Lower Upper
56 100
69 0.0 26.2 39.2#
84 0.0 65.2 97.8#

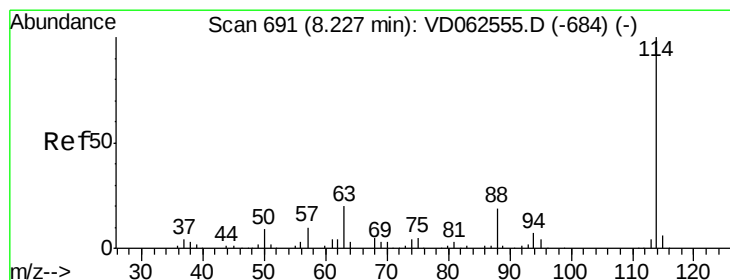
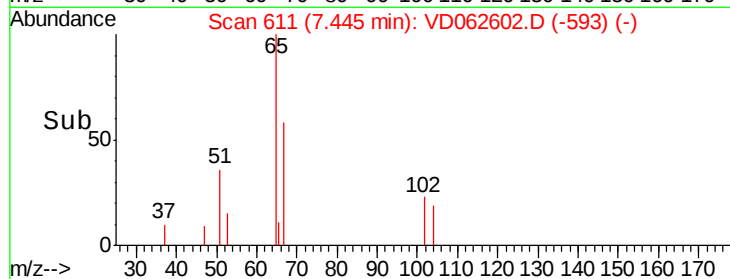
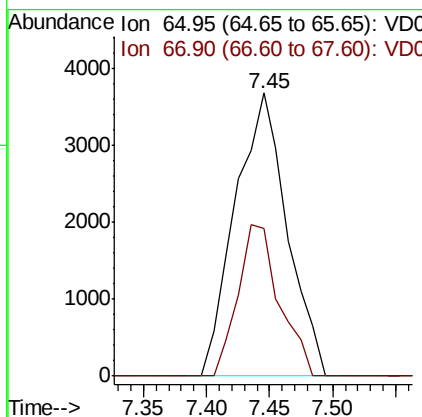
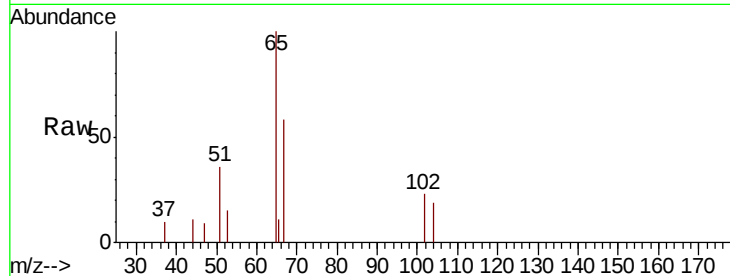




#33
 1,2-Dichloroethane-d4
 Concen: 68.652 ug/l
 RT: 7.45 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD062602.D
 Acq: 4 Jun 2019 17:05

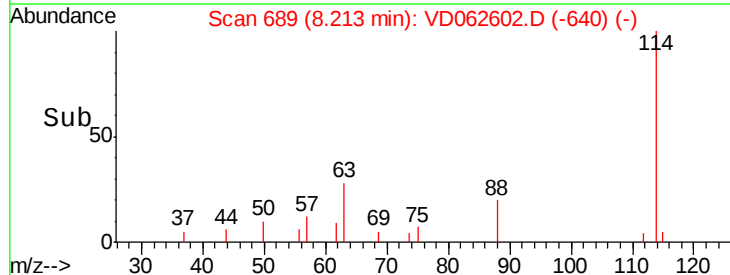
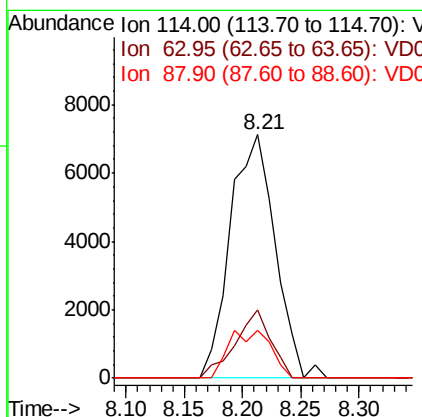
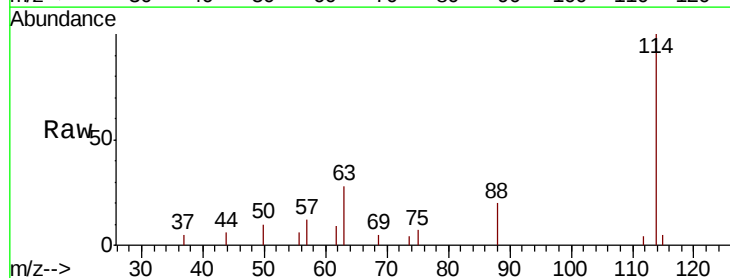
Instrument :
 MSVOA_D
 ClientSampled :

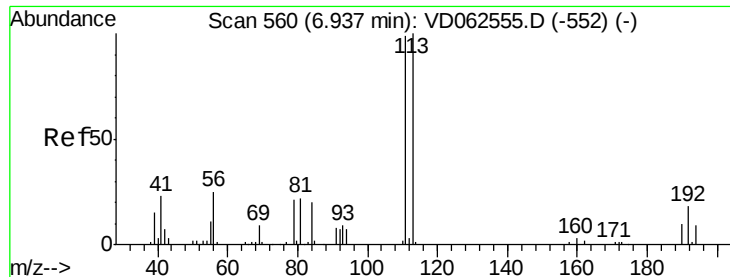
Tot Ion: 65 Resp: 10516
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 83.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062602.D
 Acq: 4 Jun 2019 17:05

Tgt Ion: 114 Resp: 18964
 Ion Ratio Lower Upper
 114 100
 63 28.2 0.0 40.6
 88 19.7 0.0 37.6





#35

Dibromofluoromethane

Concen: 48.214 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

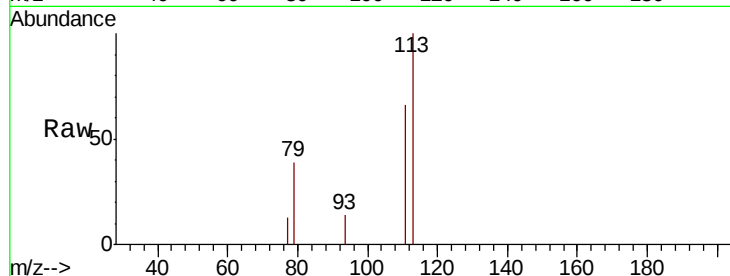
Tot Ion:113 Resp: 8332

Ion Ratio Lower Upper

113 100

111 66.3 78.8 118.2#

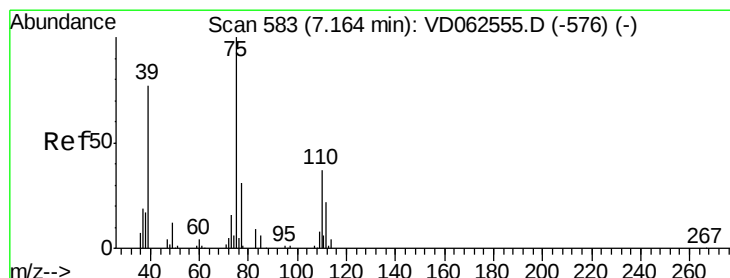
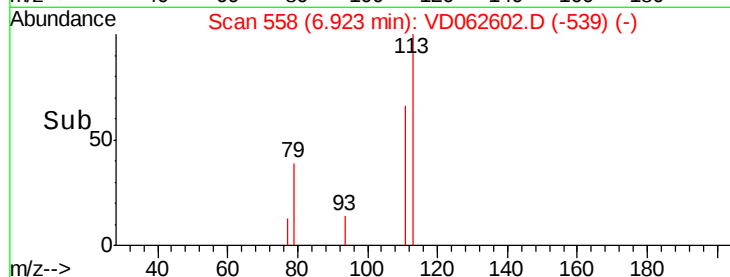
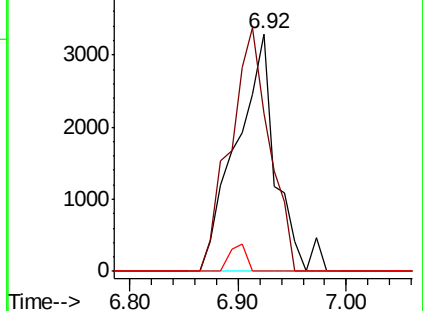
192 0.0 14.6 22.0#



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: 3.618 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.15 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

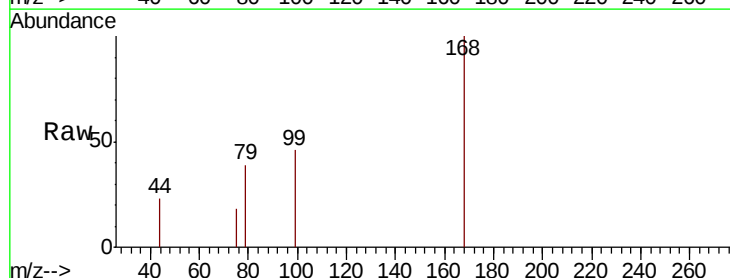
Tgt Ion: 75 Resp: 683

Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

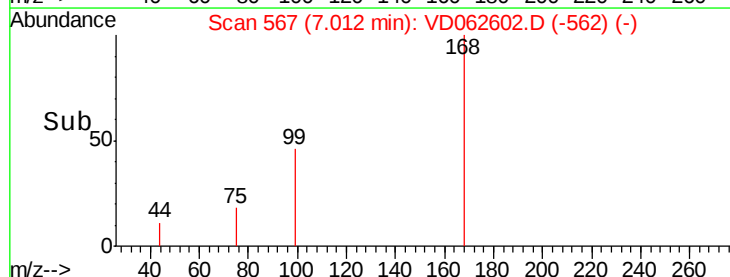
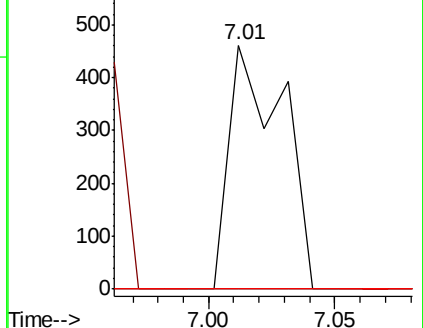
77 0.0 24.4 36.6#

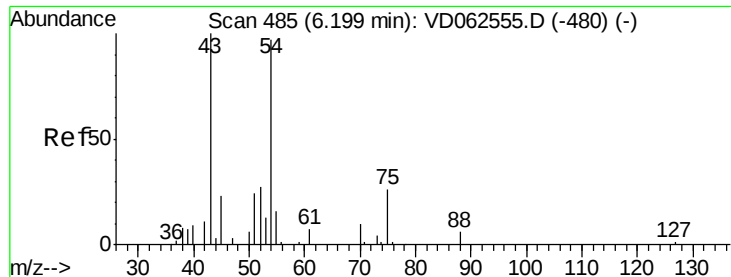


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

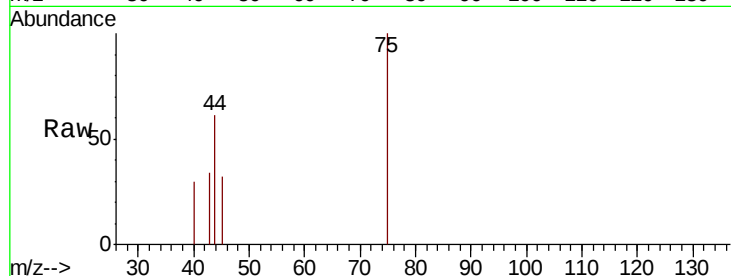




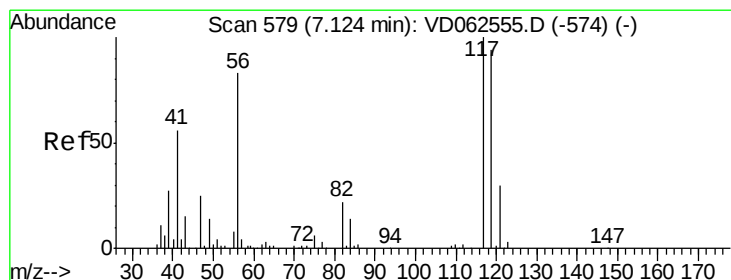
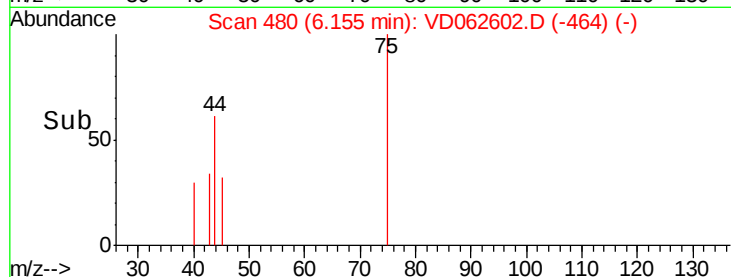
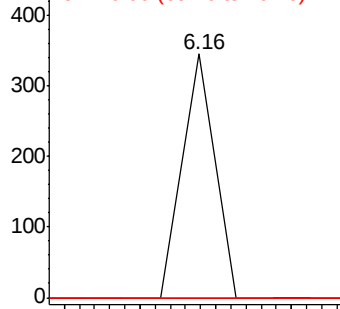
#37
Ethyl Acetate
Concen: 2.563 ug/l
RT: 6.16 min Scan# 480
Delta R.T. -0.04 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.5 9.7#

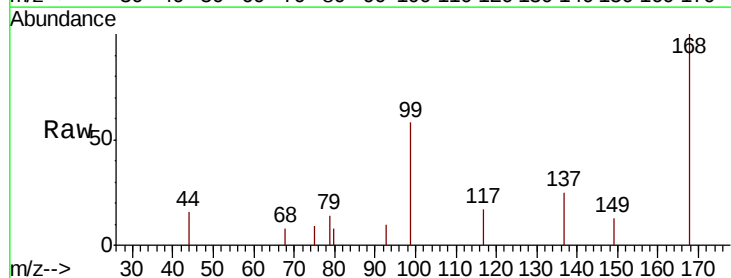


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

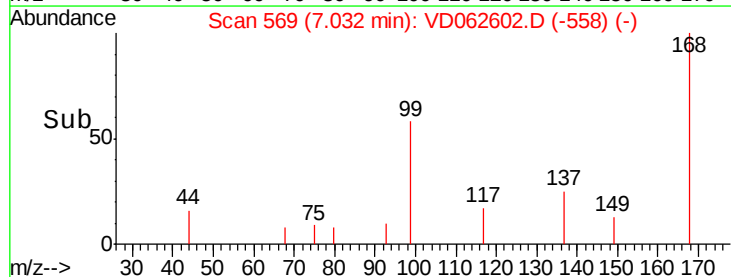
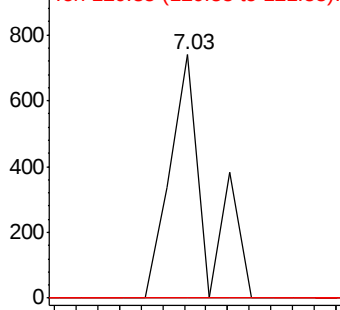


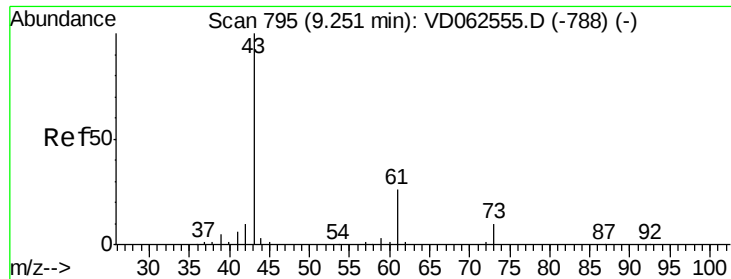
#38
Carbon Tetrachloride
Concen: 3.063 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.09 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Tgt Ion: 117 Resp: 861
Ion Ratio Lower Upper
117 100
119 0.0 71.4 107.2#
121 0.0 22.5 33.7#



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





#43

Isopropyl Acetate

Concen: 4.391 ug/l

RT: 9.49 min Scan# 819

Delta R.T. 0.24 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

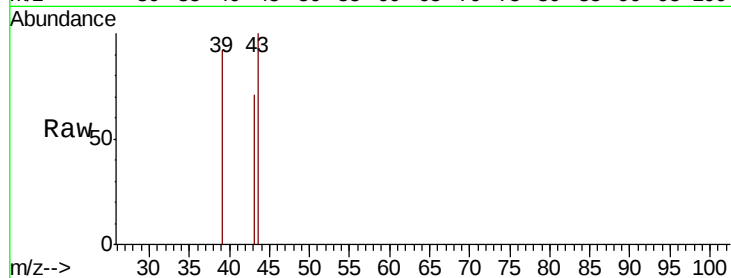
Tot Ion: 43 Resp: 435

Ion Ratio Lower Upper

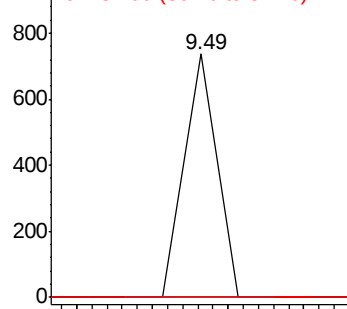
43 100

61 0.0 20.5 30.7#

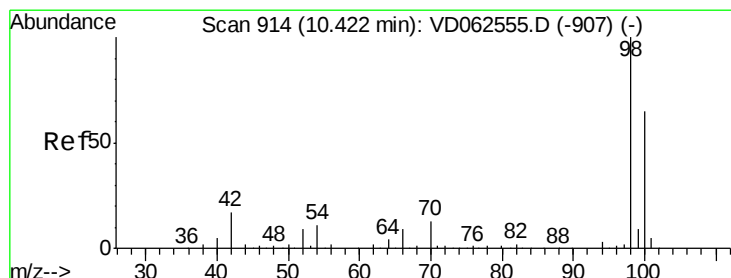
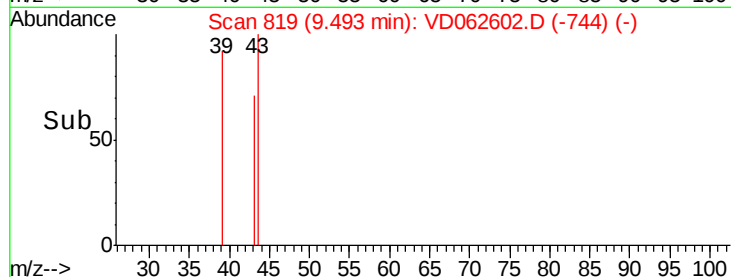
87 0.0 0.2 0.2#



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



Time-->



#50

Toluene-d8

Concen: 46.166 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062602.D

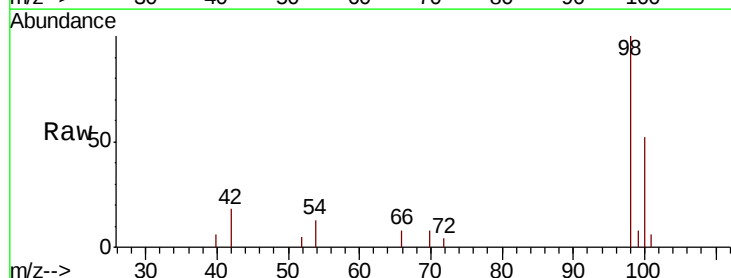
Acq: 4 Jun 2019 17:05

Tgt Ion: 98 Resp: 17480

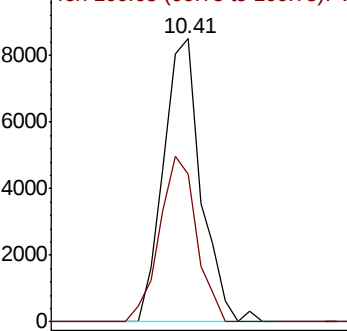
Ion Ratio Lower Upper

98 100

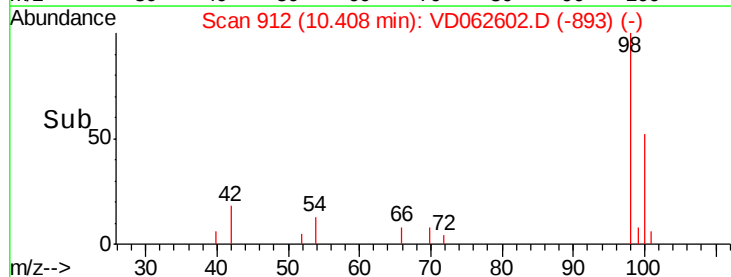
100 52.1 52.3 78.5#

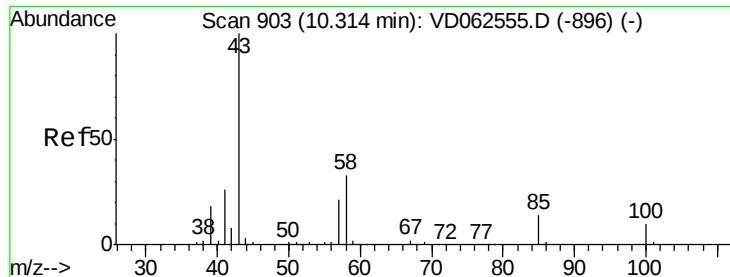


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



Time-->





#51

4-Methyl-2-Pentanone

Concen: 4.211 ug/l

RT: 10.30 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

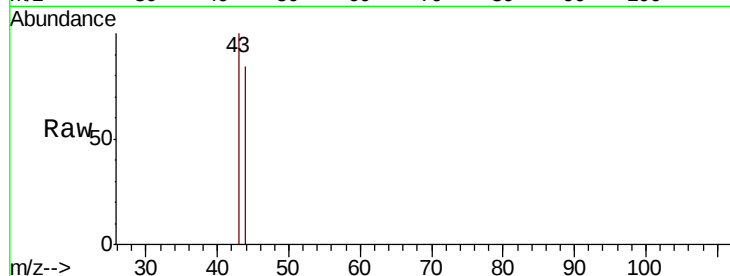
ClientSampleId :

Tot Ion: 43 Resp: 291

Ion Ratio Lower Upper

43 100

58 0.0 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.30

500

400

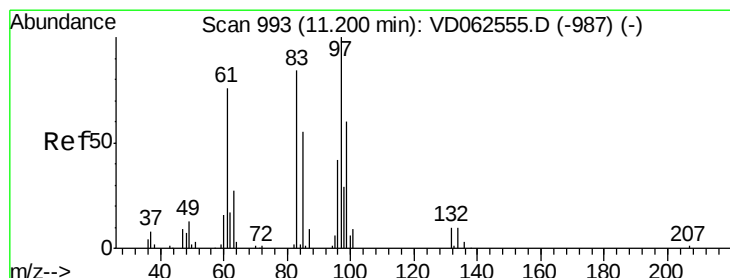
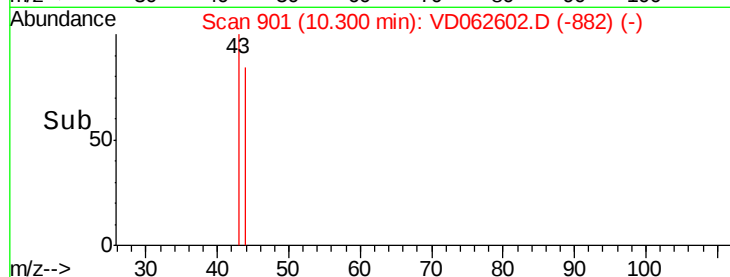
300

200

100

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 12.980 ug/l

RT: 11.23 min Scan# 995

Delta R.T. 0.03 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Tgt Ion: 97 Resp: 1077

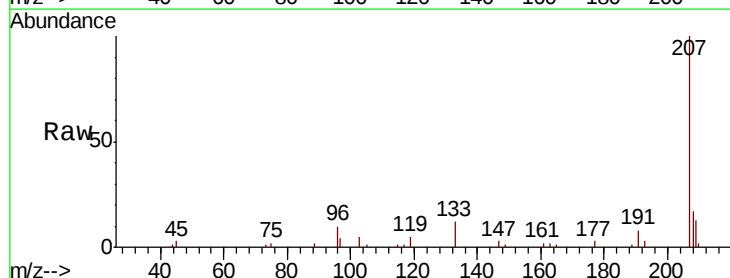
Ion Ratio Lower Upper

97 100

83 0.0 67.3 100.9#

85 0.0 43.8 65.8#

99 0.0 48.2 72.2#



Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

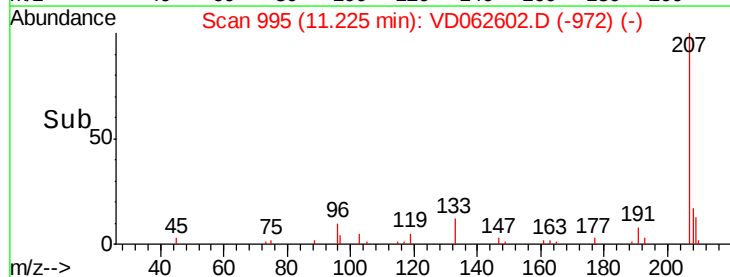
1500

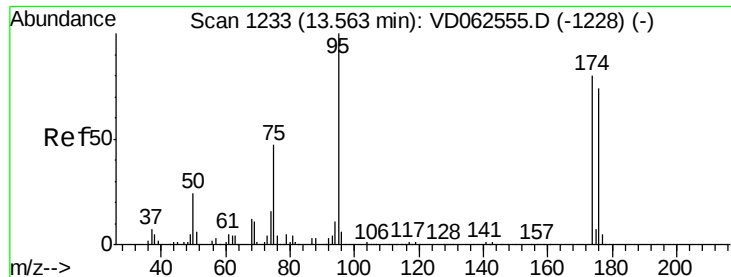
1000

500

0

Time-->

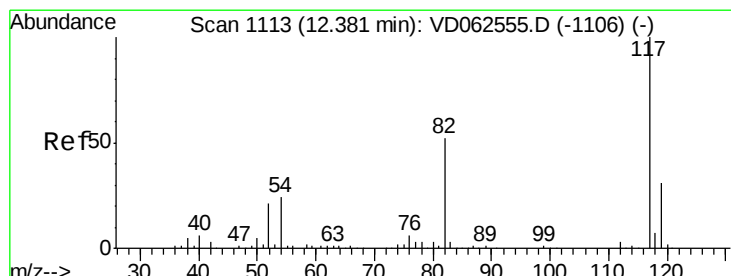
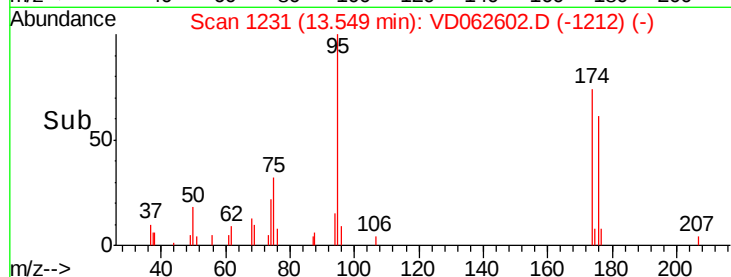
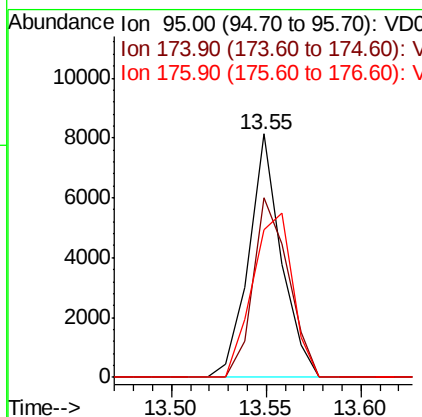
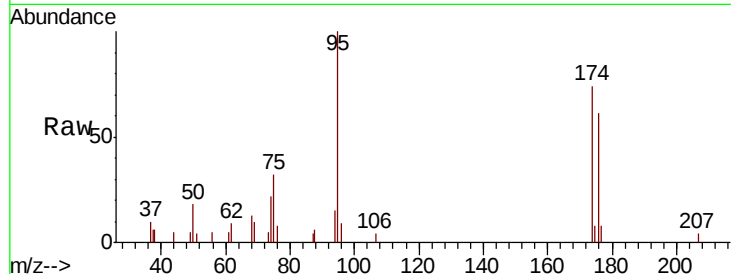




#62
4-Bromofluorobenzene
Concen: 56.871 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

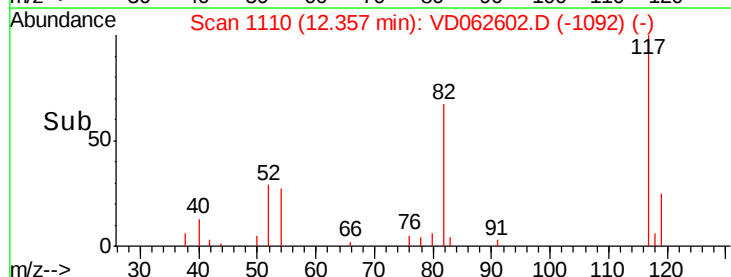
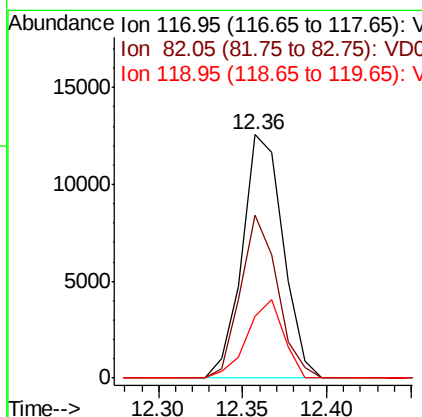
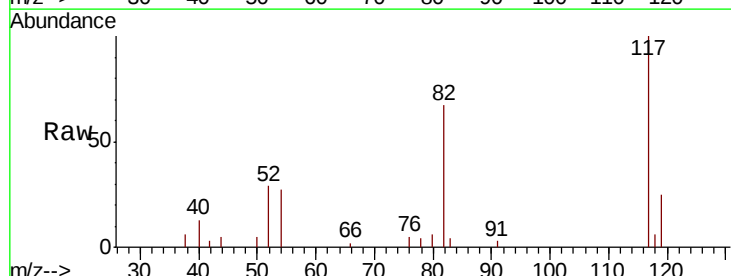
Instrument :
MSVOA_D
ClientSampleId :

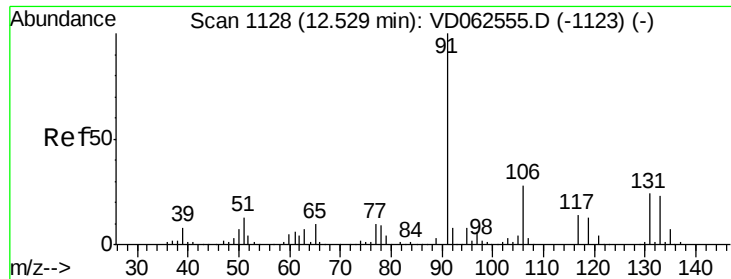
Tot Ion: 95 Resp: 9711
Ion Ratio Lower Upper
95 100
174 73.7 0.0 160.2
176 68.3 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Tgt Ion: 117 Resp: 21124
Ion Ratio Lower Upper
117 100
82 66.9 41.4 62.2#
119 25.4 24.9 37.3

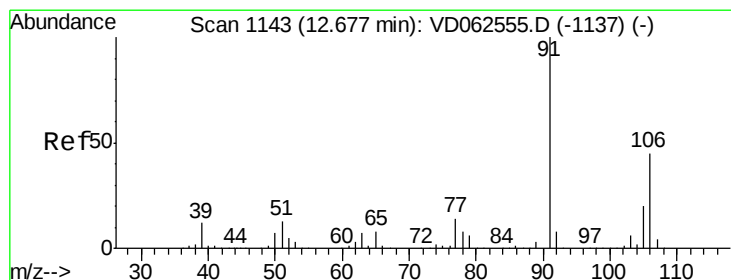
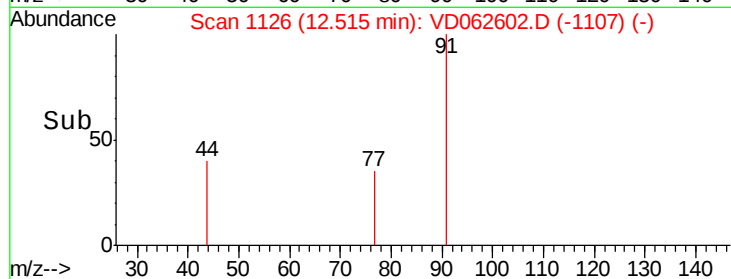
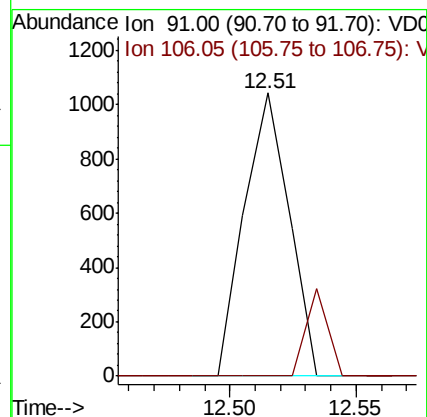
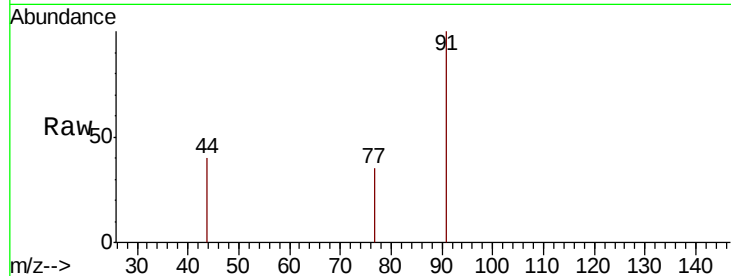




#67
Ethyl Benzene
Concen: 1.707 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

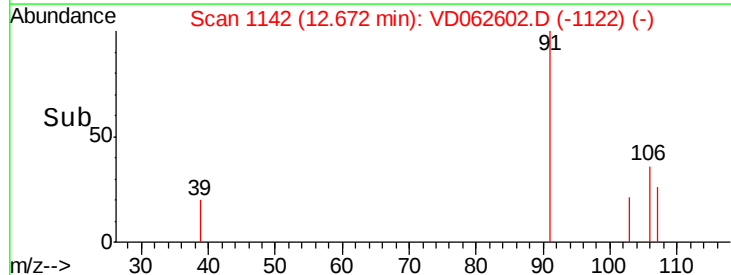
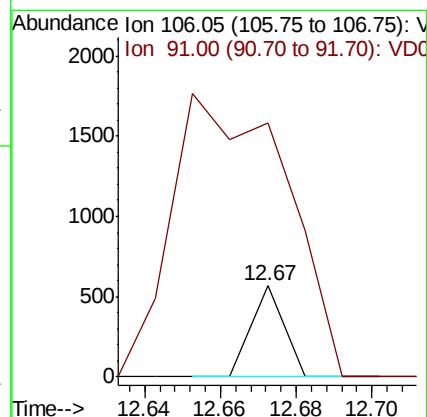
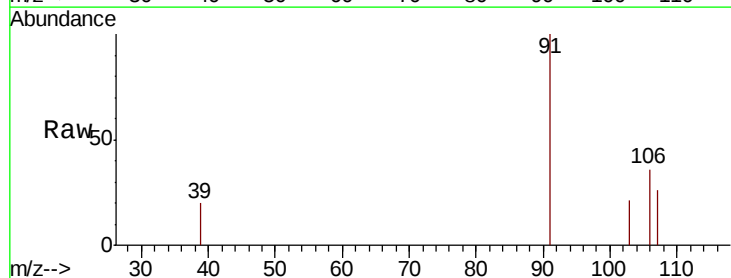
Instrument :
MSVOA_D
ClientSampled :

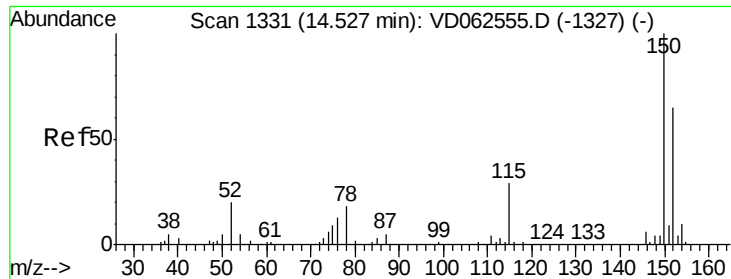
Tot Ion: 91 Resp: 1287
Ion Ratio Lower Upper
91 100
106 0.0 22.2 33.2#



#68
m/p-Xylenes
Concen: 1.281 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Tgt Ion: 106 Resp: 334
Ion Ratio Lower Upper
106 100
91 279.3 178.9 268.3#



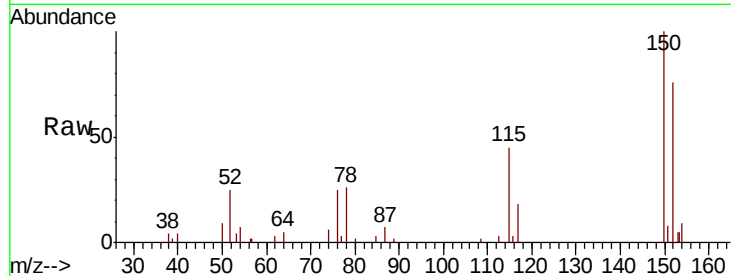


#72

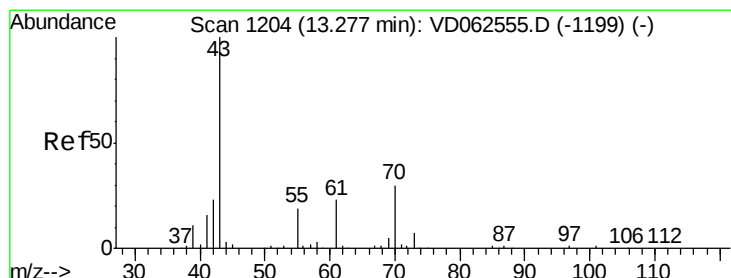
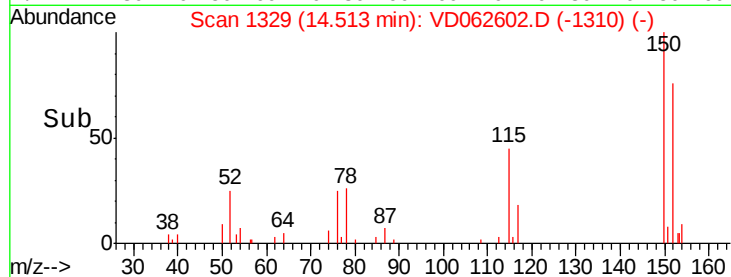
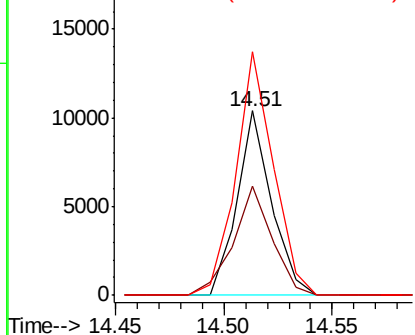
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 11523
Ion Ratio Lower Upper
152 100
115 59.2 28.4 85.3
150 132.0 0.0 310.4



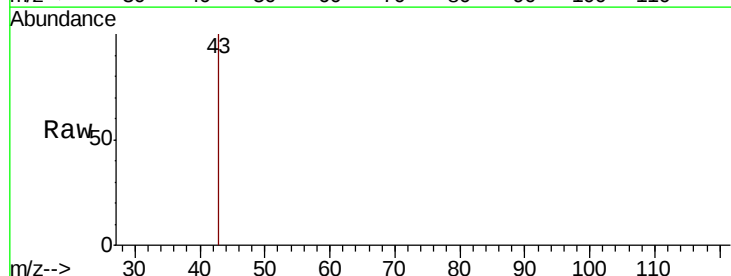
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



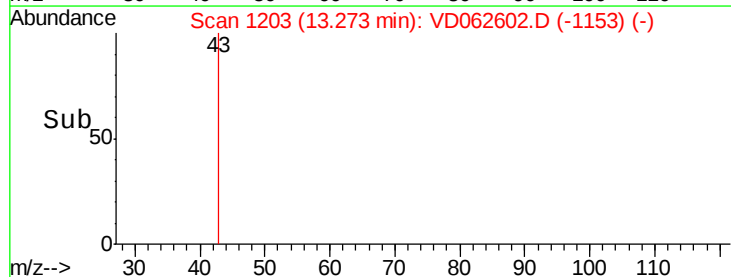
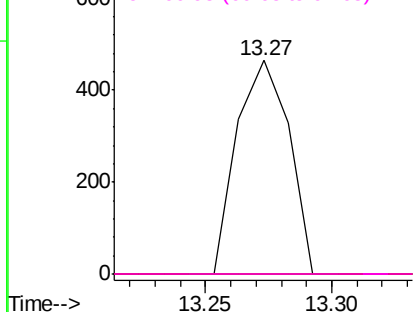
#74

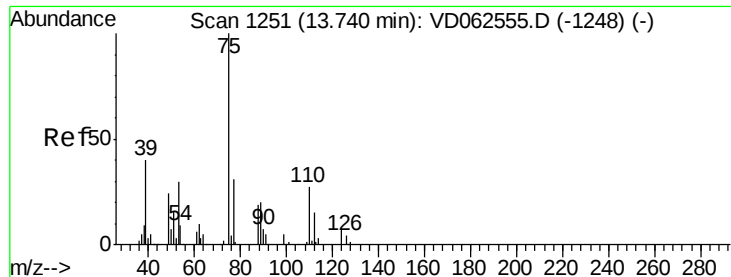
N-ethyl acetate
Concen: 3.444 ug/l
RT: 13.27 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD062602.D
Acq: 4 Jun 2019 17:05

Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
70 0.0 23.7 35.5#
55 0.0 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

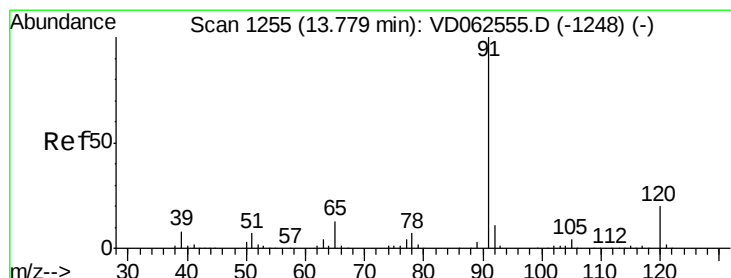
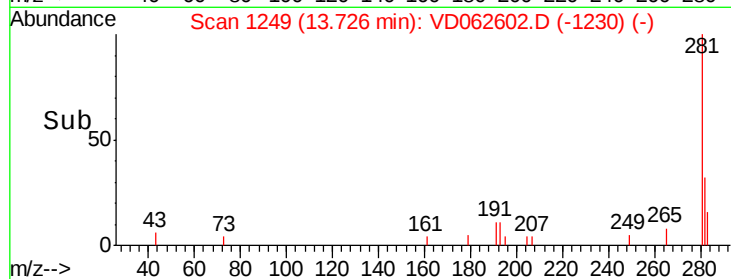
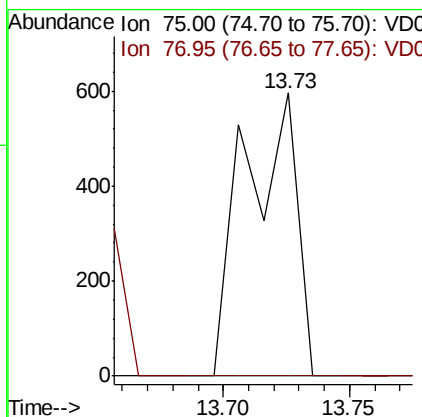
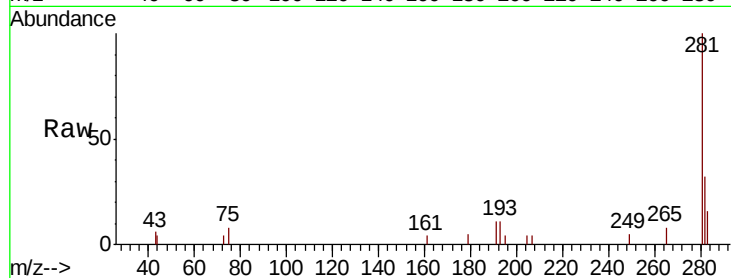




#76
 1,2,3-Trichloropropane
 Concen: 6.206 ug/l
 RT: 13.73 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VD062602.D
 Acq: 4 Jun 2019 17:05

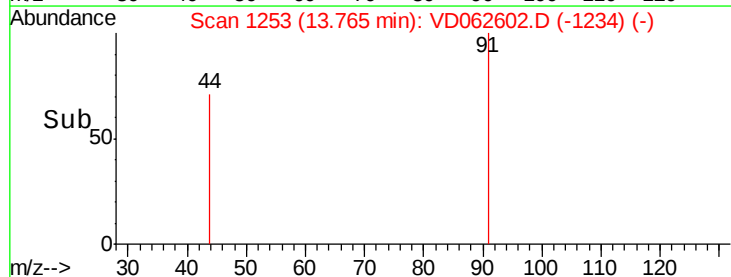
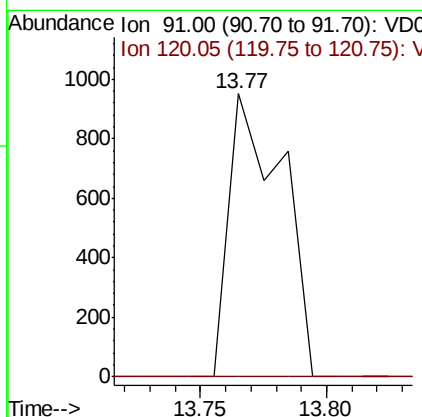
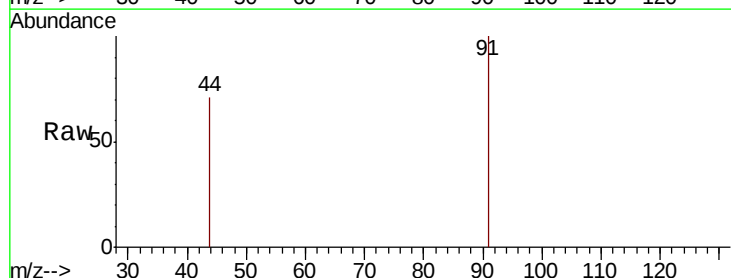
Instrument :
 MSVOA_D
 ClientSampleId :

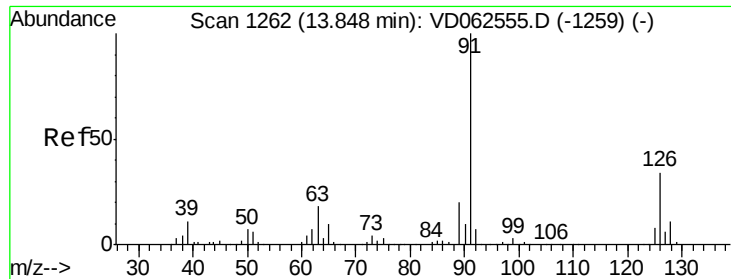
Tot Ion: 75 Resp: 858
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.5 49.5#



#78
 n-propylbenzene
 Concen: 1.597 ug/l
 RT: 13.77 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: VD062602.D
 Acq: 4 Jun 2019 17:05

Tgt Ion: 91 Resp: 1398
 Ion Ratio Lower Upper
 91 100
 120 0.0 10.0 29.8#





#79

2-Chlorotoluene

Concen: 2.753 ug/l

RT: 13.77 min Scan# 1253

Delta R.T. -0.08 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

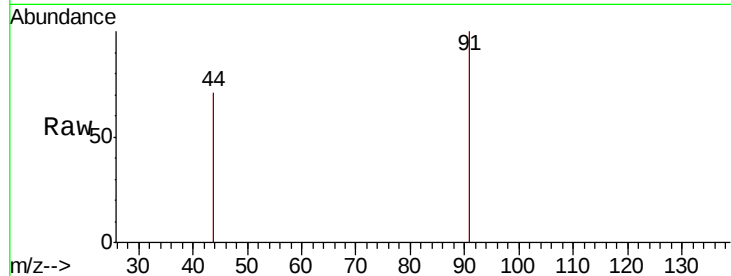
ClientSampled :

Tot Ion: 91 Resp: 1398

Ion Ratio Lower Upper

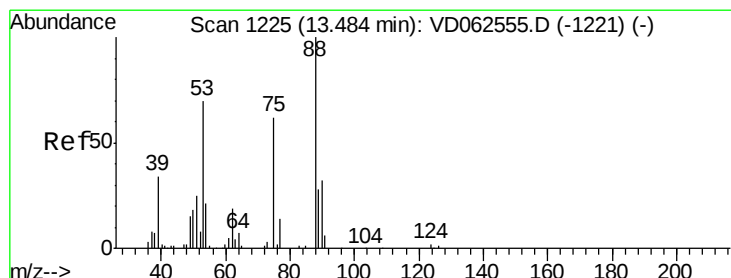
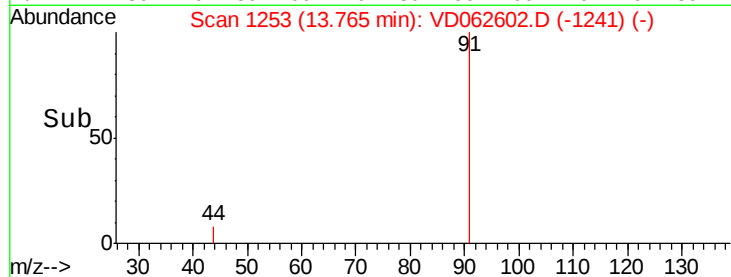
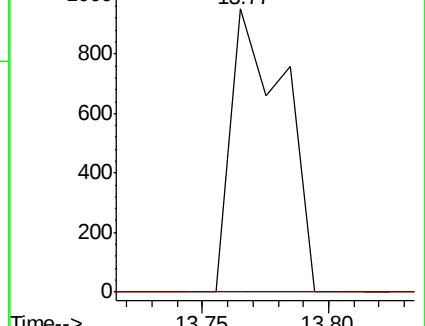
91 100

126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 88.053 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

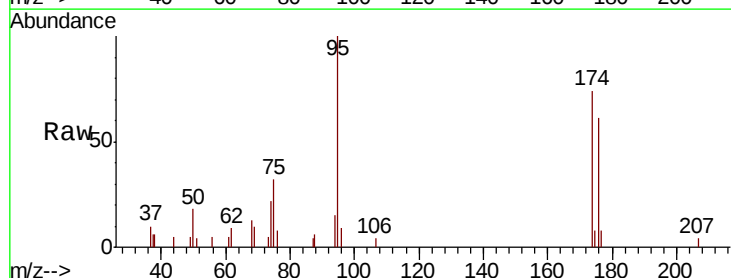
Tgt Ion: 75 Resp: 3488

Ion Ratio Lower Upper

75 100

53 0.0 91.0 136.4#

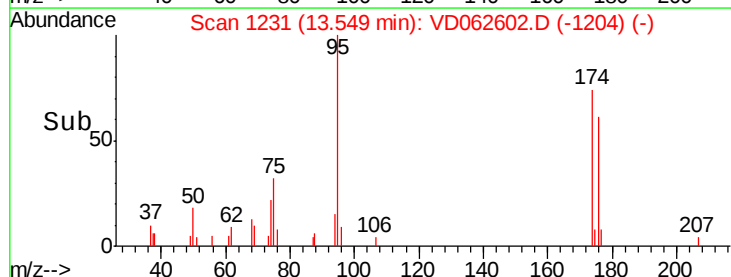
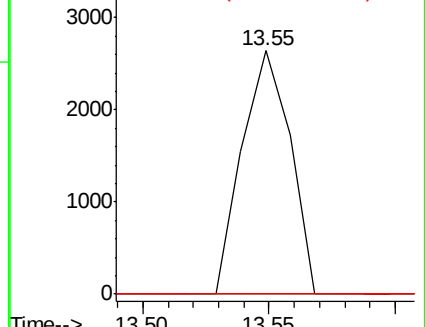
89 0.0 36.9 55.3#

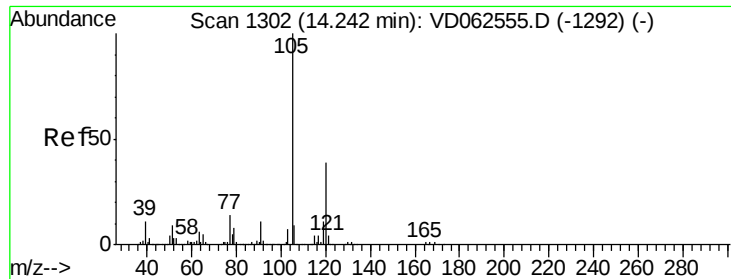


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#84

1,2,4-Trimethylbenzene

Concen: 4.650 ug/l

RT: 14.23 min Scan# 1300

Delta R.T. -0.01 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

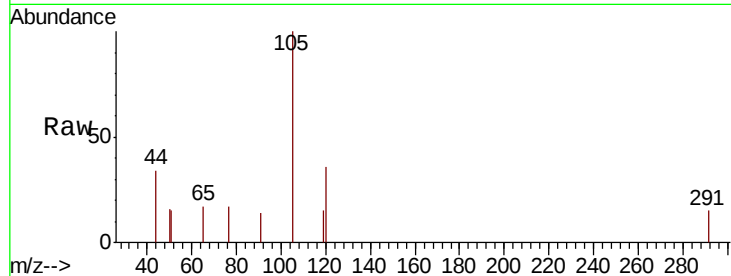
ClientSampled :

Tot Ion:105 Resp: 3076

Ion Ratio Lower Upper

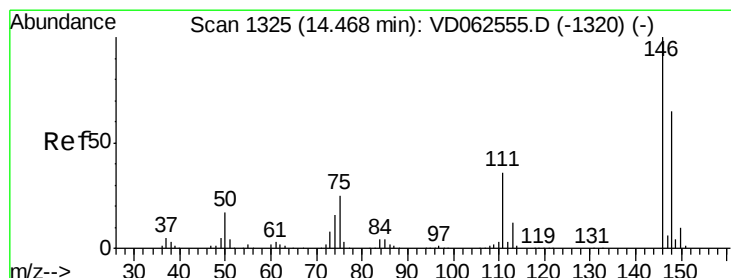
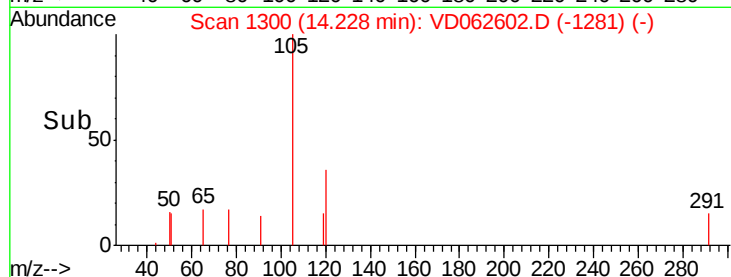
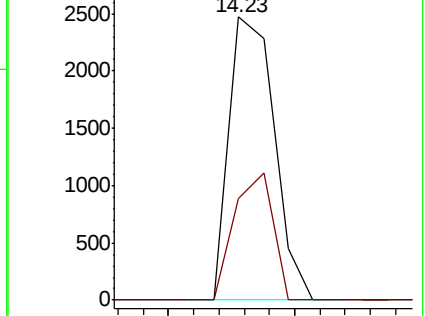
105 100

120 36.0 19.6 58.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#87

1,3-Dichlorobenzene

Concen: 1.609 ug/l

RT: 14.45 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

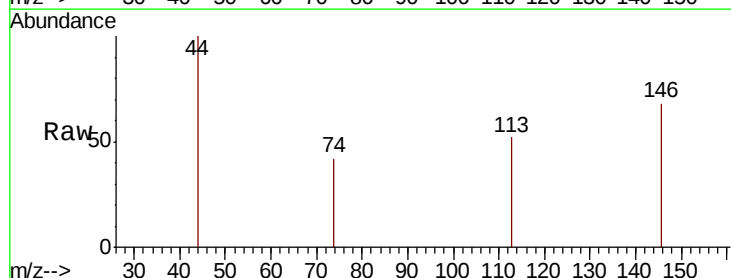
Tgt Ion:146 Resp: 581

Ion Ratio Lower Upper

146 100

111 0.0 18.1 54.4#

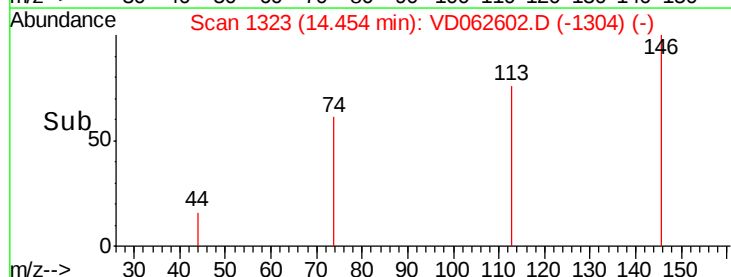
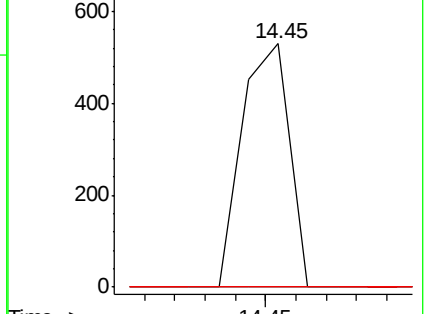
148 0.0 32.3 96.9#

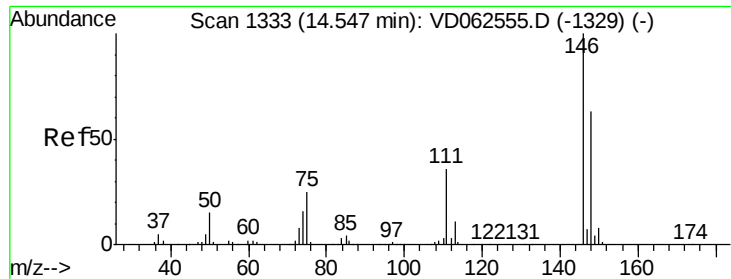


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.170 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. -0.00 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

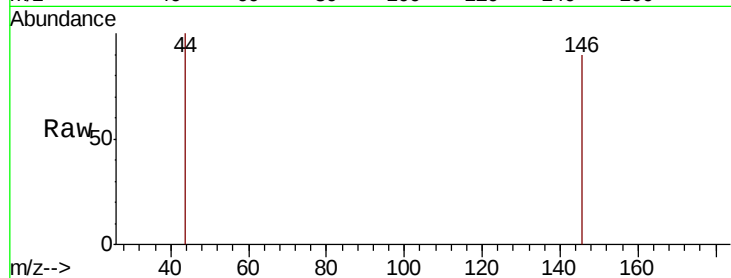
Tot Ion:146 Resp: 785

Ion Ratio Lower Upper

146 100

111 0.0 18.2 54.6#

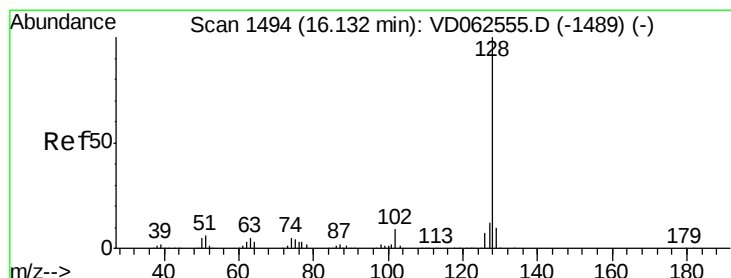
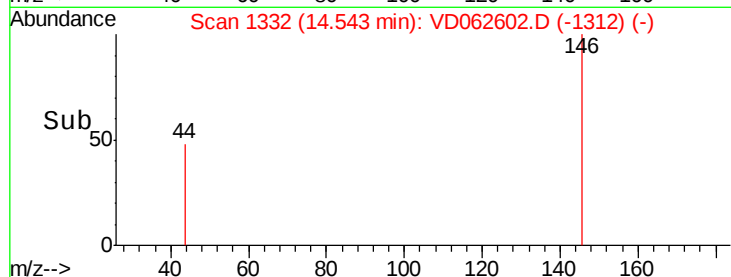
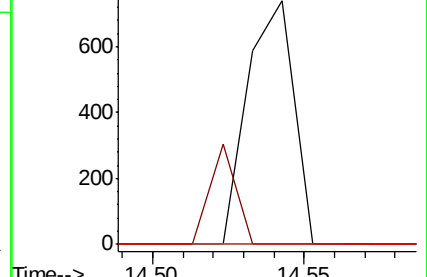
148 0.0 31.6 94.8#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 9.974 ug/l

RT: 16.12 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

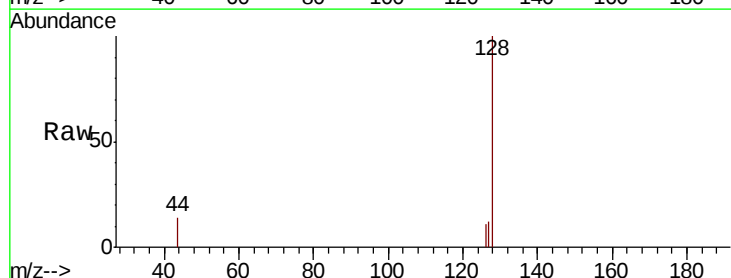
Tgt Ion:128 Resp: 3299

Ion Ratio Lower Upper

128 100

127 11.8 9.7 14.5

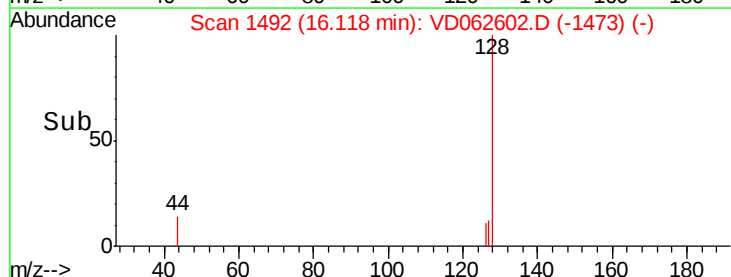
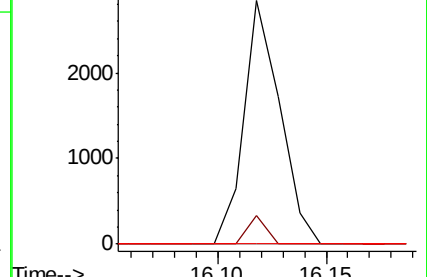
129 0.0 8.2 12.2#

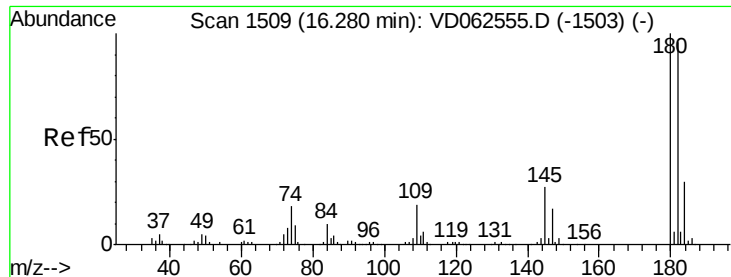


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 1.769 ug/l

RT: 16.28 min Scan# 1508

Delta R.T. -0.00 min

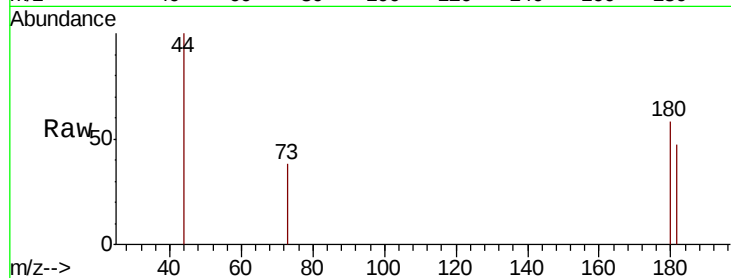
Lab File: VD062602.D

Acq: 4 Jun 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :



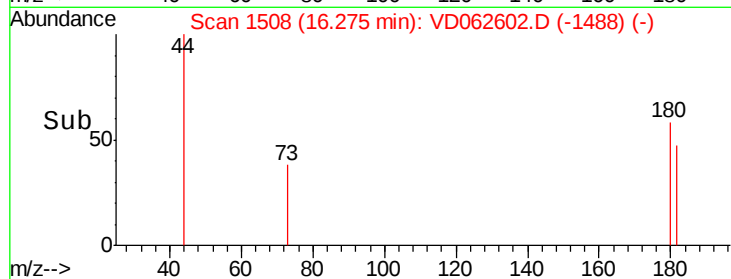
Tot Ion:180 Resp: 321

Ion Ratio Lower Upper

180 100

182 80.7 48.1 144.3

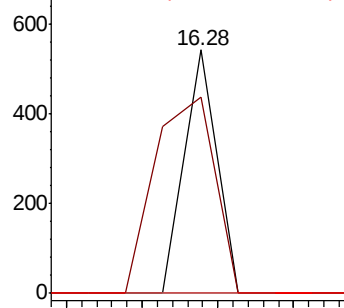
145 0.0 13.3 39.9#



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V



Time-->