

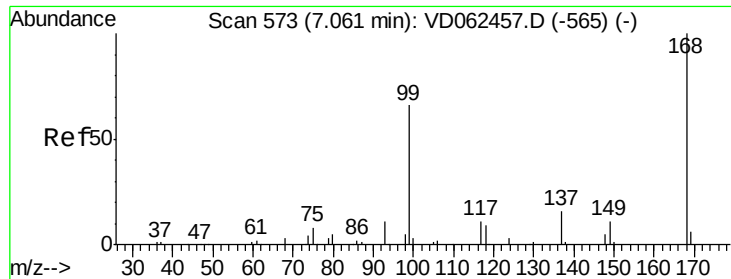
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062503.D
 Acq On : 22 May 2019 15:27
 Operator : VA/AP
 Sample : K2996-02
 Misc : 5.95g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-2(0.5-1.0)

Quant Time: May 23 03:13:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	505881	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.20	114	701888	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	473564	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	214095	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	160181	29.58	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	59.16%	
35) Dibromofluoromethane	6.90	113	195256	30.84	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	61.68%	
50) Toluene-d8	10.40	98	319501	23.06	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	46.12%	
62) 4-Bromofluorobenzene	13.55	95	140145	23.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	46.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.57	85	546	Below Cal	#	42
11) Tert butyl alcohol	3.97	59	6276	25.109	ug/l #	76
13) Acrolein	3.16	56	4417	21.279	ug/l #	78
15) Acrylonitrile	4.21	53	3531	6.165	ug/l #	50
16) Acetone	3.17	43	19412	20.005	ug/l #	50
25) 2-Butanone	6.05	43	2006	1.976	ug/l #	56
29) Tetrahydrofuran	6.44	42	505	1.042	ug/l #	30
31) Cyclohexane	6.95	56	20254	3.961	ug/l #	61
36) 1,1-Dichloropropene	7.02	75	39470	5.882	ug/l #	47
38) Carbon Tetrachloride	7.02	117	50652	5.079	ug/l #	15
39) Methylcyclohexane	8.84	83	30379	5.489	ug/l	88
40) Benzene	7.44	78	29979	2.278	ug/l	94
43) Isopropyl Acetate	9.27	43	8415	2.433	ug/l #	43
47) Bromodichloromethane	9.38	83	17117	2.314	ug/l #	26
48) Methyl methacrylate	9.09	41	5183	2.227	ug/l #	29
51) 4-Methyl-2-Pentanone	10.35	43	22508	9.852	ug/l #	66
56) Ethyl methacrylate	11.09	69	14117	4.324	ug/l #	1
59) 2-Hexanone	11.47	43	21595	13.005	ug/l #	32
67) Ethyl Benzene	12.51	91	82267	5.245	ug/l	97
68) m/p-Xylenes	12.66	106	61218	10.872	ug/l	85
73) Isopropylbenzene	13.39	105	47744	3.538	ug/l	94
74) N-amyl acetate	13.28	43	6823	2.047	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.70	83	2778	1.141	ug/l #	54
78) n-propylbenzene	13.76	91	46924	3.002	ug/l	91
80) 1,3,5-Trimethylbenzene	13.92	105	25639	2.194	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.55	75	61429	86.372	ug/l #	20
84) 1,2,4-Trimethylbenzene	14.23	105	169353	14.144	ug/l	92
89) n-Butylbenzene	14.79	91	13729	1.162	ug/l	85
92) 1,2-Dibromo-3-Chloropropan	15.49	75	781	1.690	ug/l #	1
95) Naphthalene	16.12	128	44246	7.154	ug/l #	96

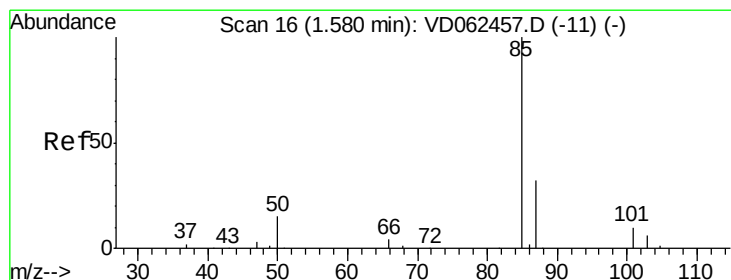
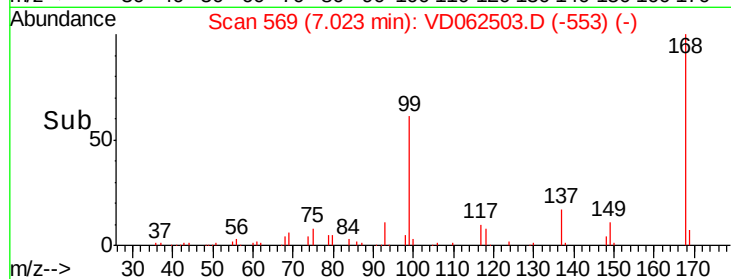
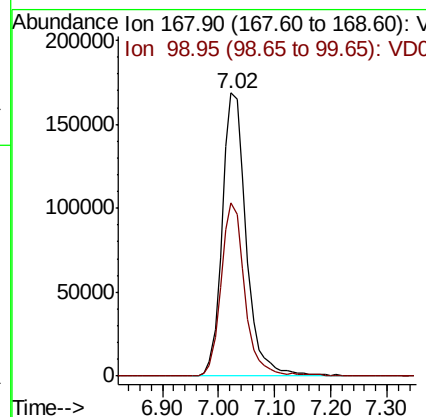
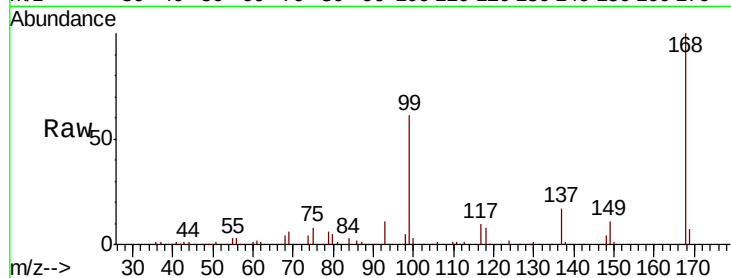
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.04 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

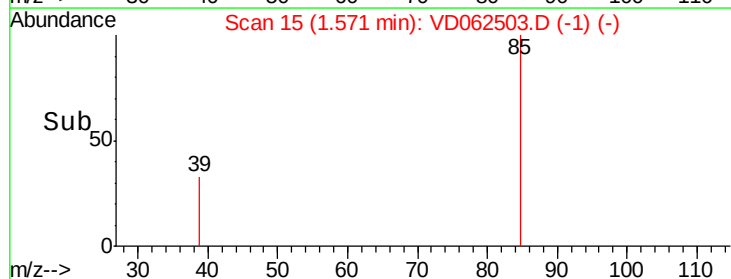
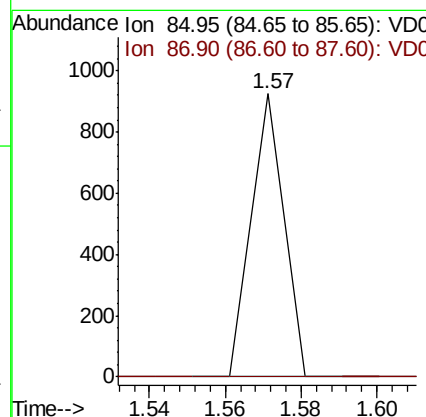
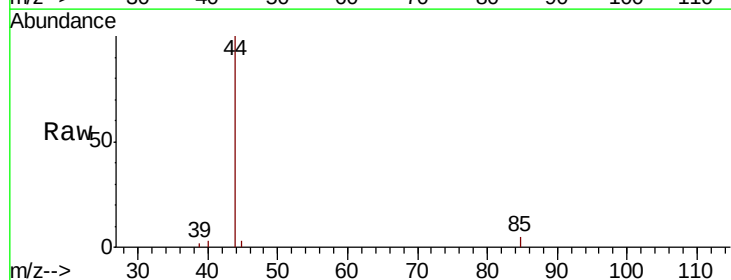
Instrument :
MSVOA_D
ClientSampleId :
P-2(0.5-1.0)

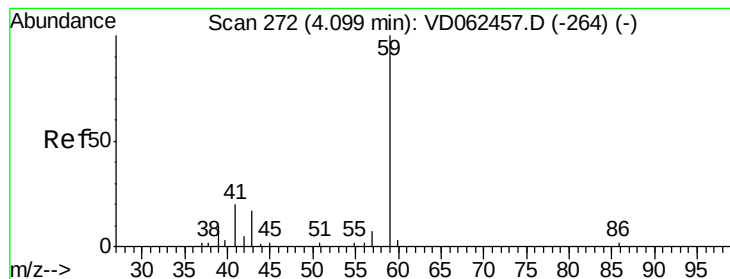
Tot Ion:168 Resp: 505881
Ion Ratio Lower Upper
168 100
99 61.3 46.5 69.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.57 min Scan# 15
Delta R.T. -0.01 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Tgt Ion: 85 Resp: 546
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#





#11

Tert butyl alcohol

Concen: 25.109 ug/l

RT: 3.97 min Scan# 259

Delta R.T. -0.13 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

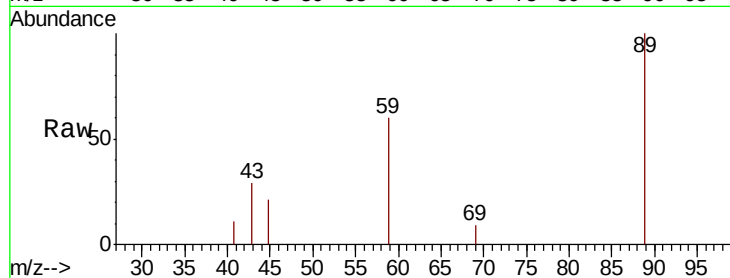
P-2(0.5-1.0)

Tot Ion: 59 Resp: 6276

Ion Ratio Lower Upper

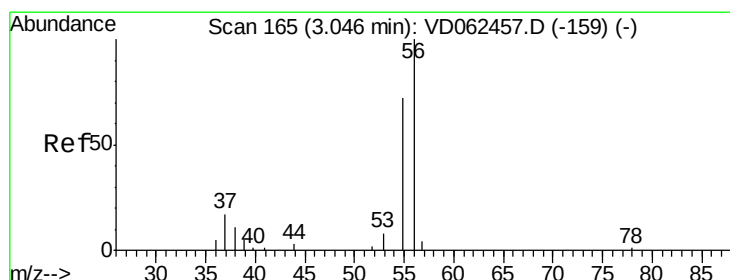
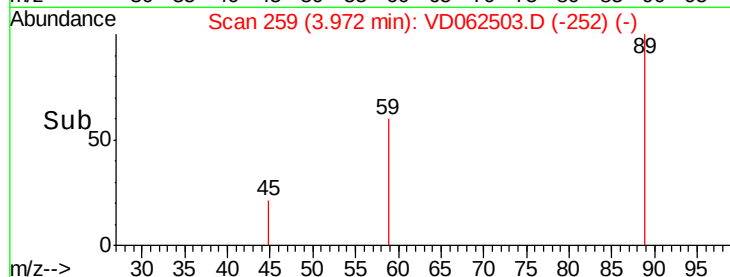
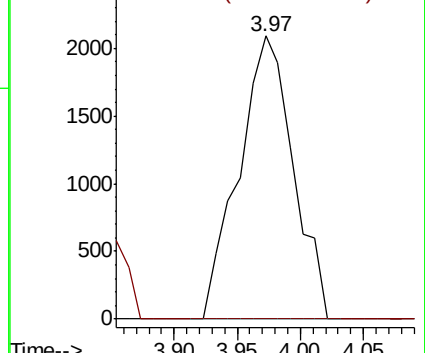
59 100

57 0.0 6.9 10.3#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#13

Acrolein

Concen: 21.279 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.11 min

Lab File: VD062503.D

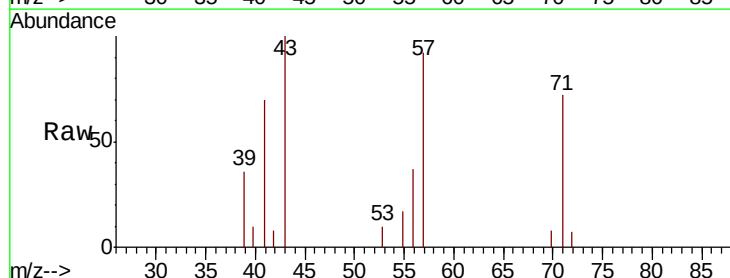
Acq: 22 May 2019 15:27

Tgt Ion: 56 Resp: 4417

Ion Ratio Lower Upper

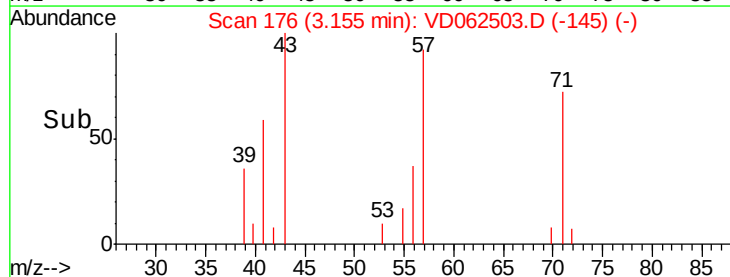
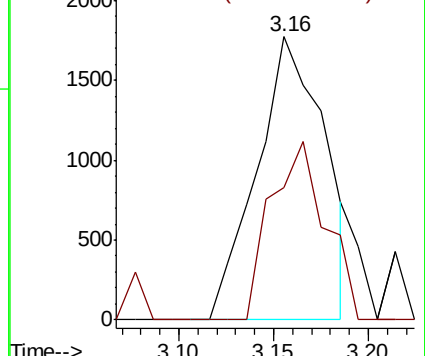
56 100

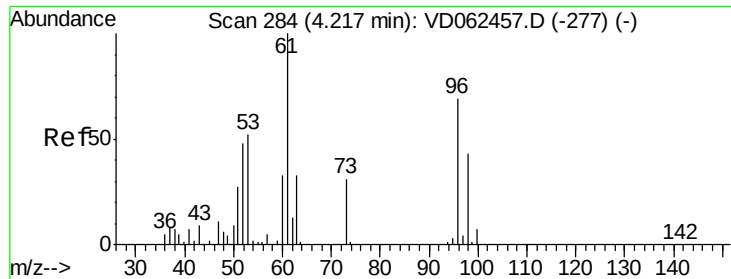
55 46.9 51.4 77.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC





#15

Acrylonitrile

Concen: 6.165 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

P-2(0.5-1.0)

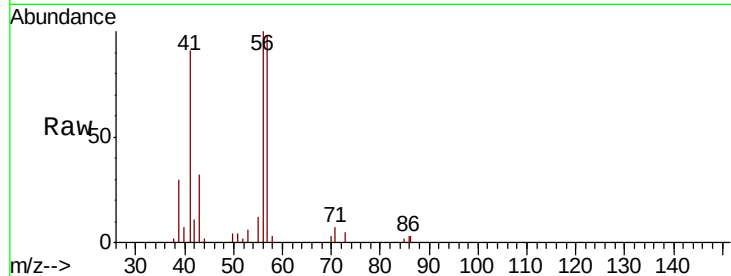
Tot Ion: 53 Resp: 3531

Ion Ratio Lower Upper

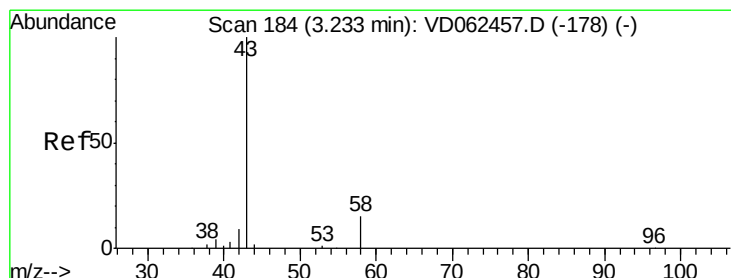
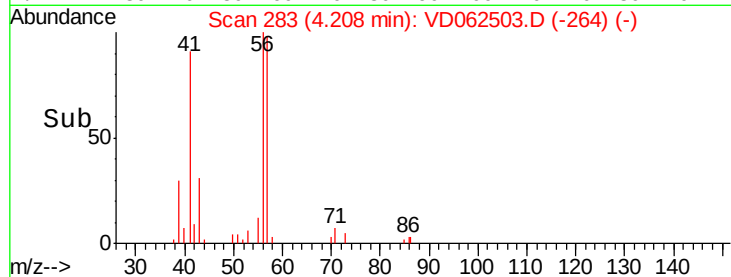
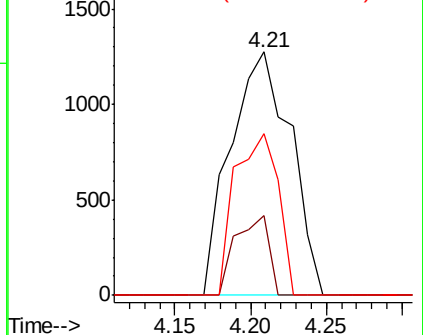
53 100

52 33.0 65.0 97.4#

51 66.2 32.6 48.8#



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 20.005 ug/l

RT: 3.17 min Scan# 177

Delta R.T. -0.07 min

Lab File: VD062503.D

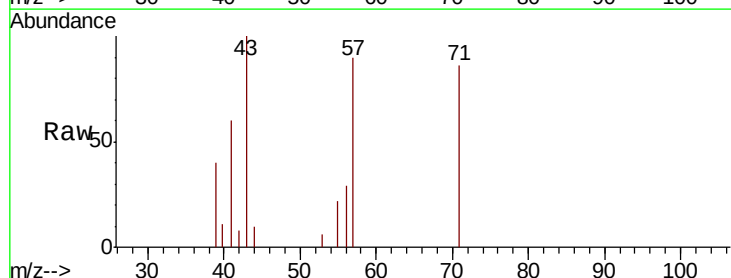
Acq: 22 May 2019 15:27

Tgt Ion: 43 Resp: 19412

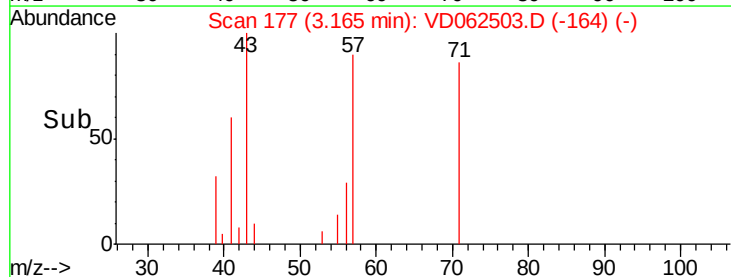
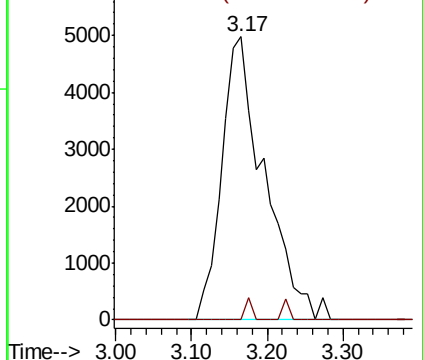
Ion Ratio Lower Upper

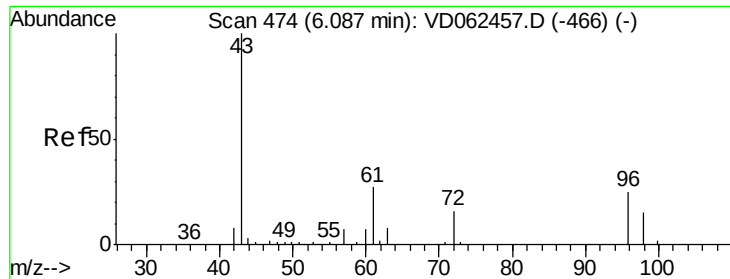
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 1.976 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.04 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

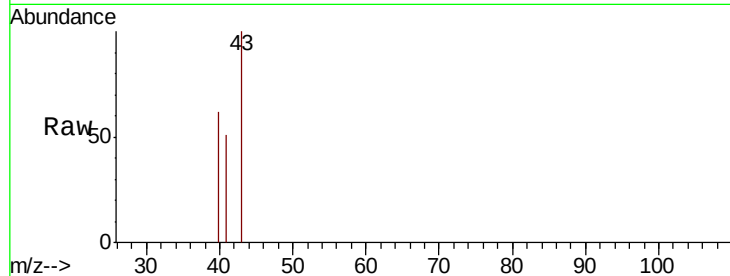
P-2(0.5-1.0)

Tot Ion: 43 Resp: 2006

Ion Ratio Lower Upper

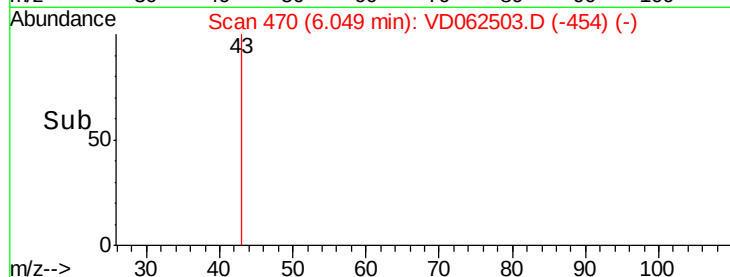
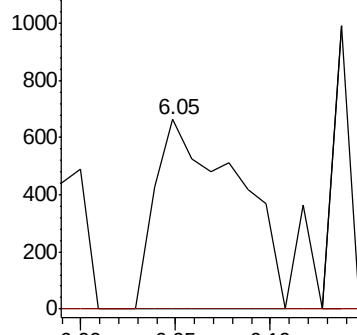
43 100

72 0.0 16.2 24.4#

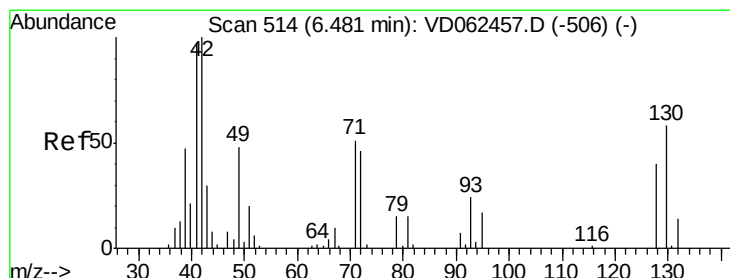


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#29

Tetrahydrofuran

Concen: 1.042 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.04 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

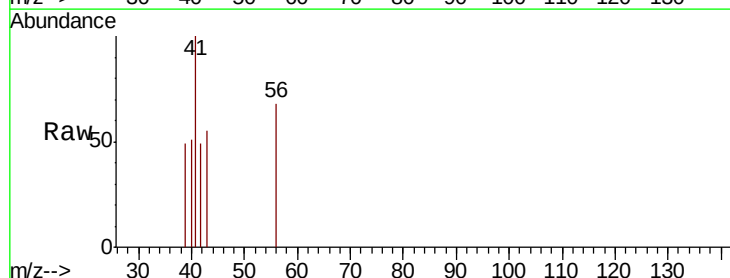
Tgt Ion: 42 Resp: 505

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

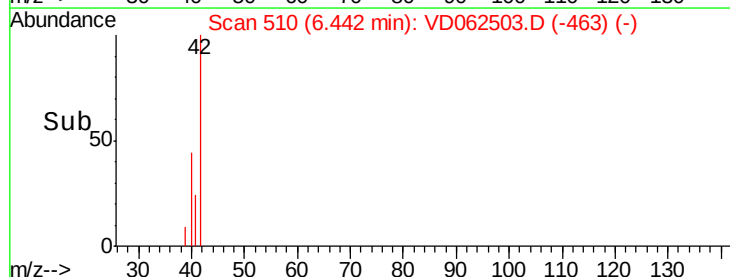
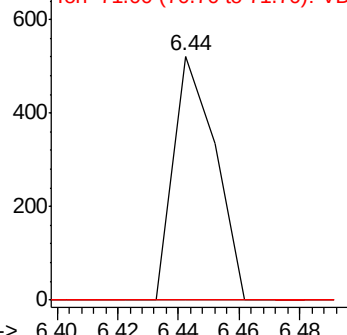
71 0.0 36.7 55.1#



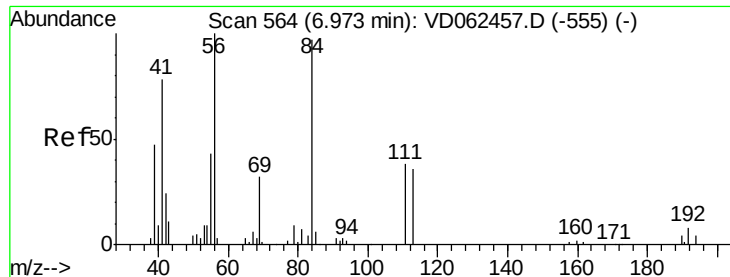
Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



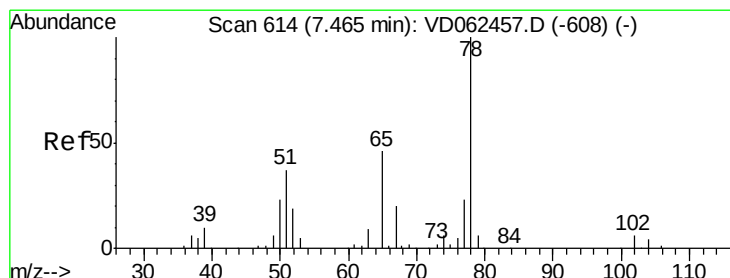
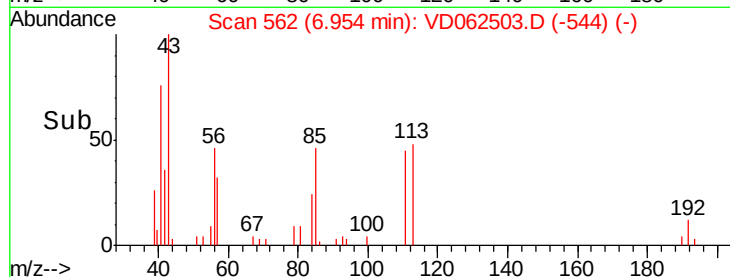
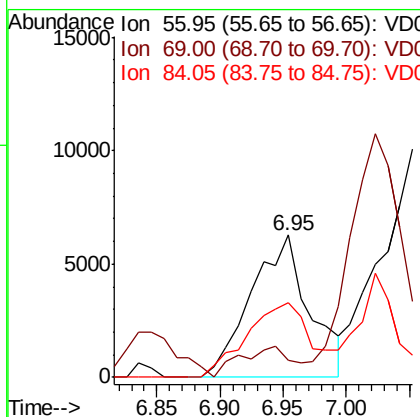
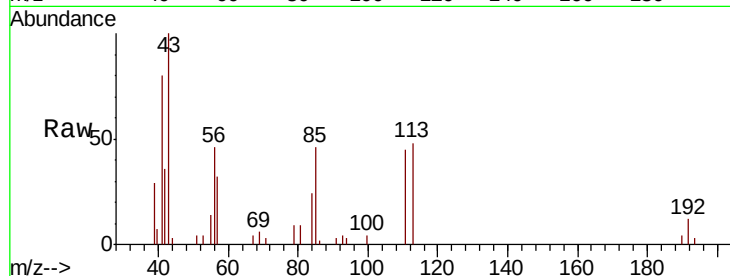
Time-->



#31
Cvclohexane
Concen: 3.961 ug/l
RT: 6.95 min Scan# 562
Delta R.T. -0.02 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

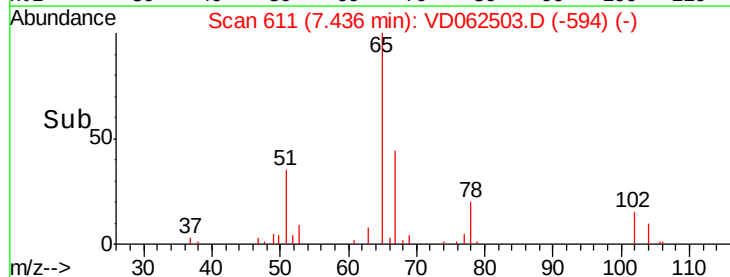
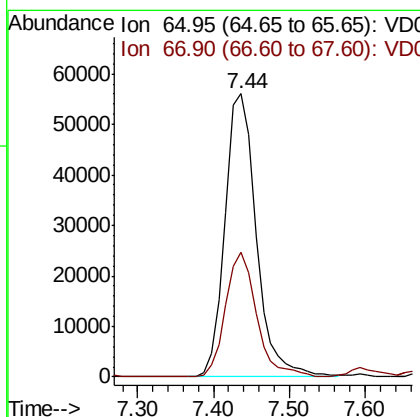
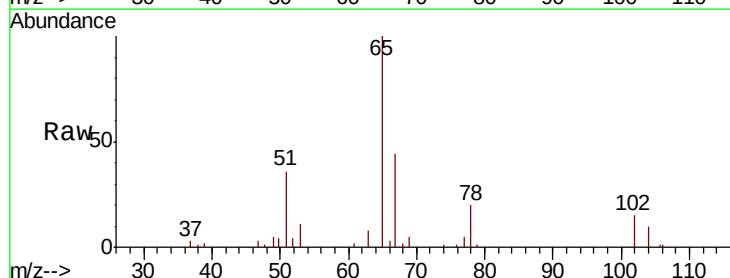
Instrument :
MSVOA_D
ClientSampleId :
P-2(0.5-1.0)

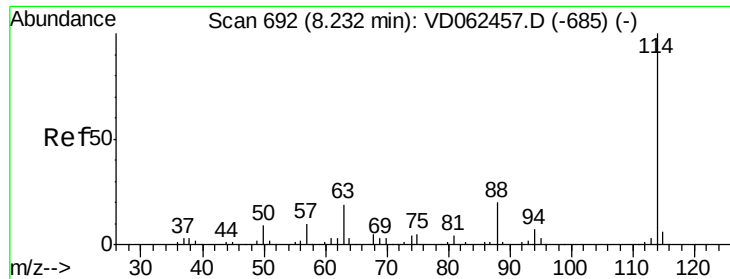
Tot Ion: 56 Resp: 20254
Ion Ratio Lower Upper
56 100
69 12.1 25.8 38.6#
84 52.4 72.2 108.4#



#33
1,2-Dichloroethane-d4
Concen: 29.580 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Tgt Ion: 65 Resp: 160181
Ion Ratio Lower Upper
65 100
67 44.2 0.0 98.0

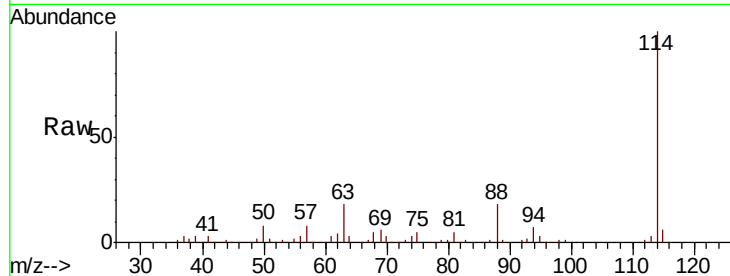




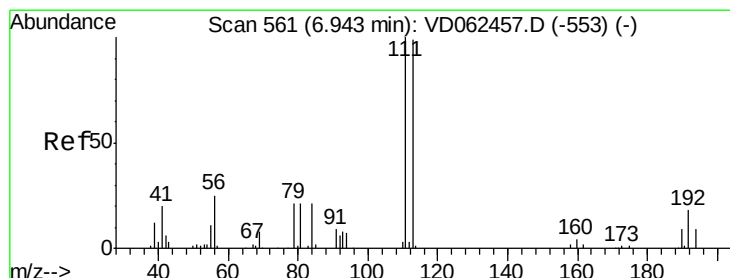
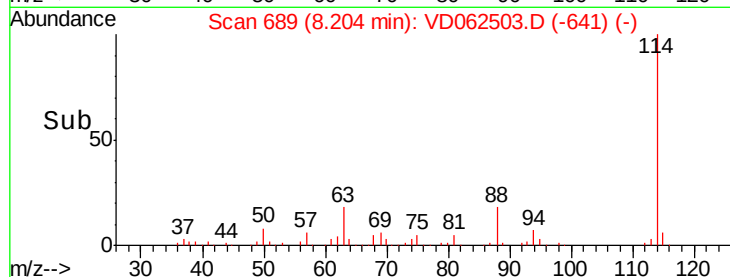
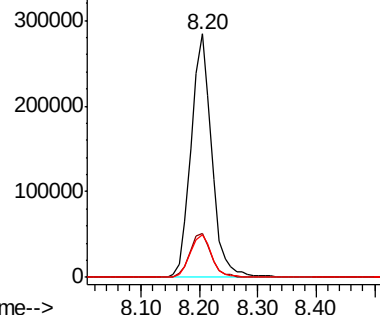
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD062503.D
 Acq: 22 May 2019 15:27

Instrument :
 MSVOA_D
 ClientSampleId :
 P-2(0.5-1.0)

Tot Ion:114 Resp: 701888
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 32.4
 88 17.6 0.0 33.6

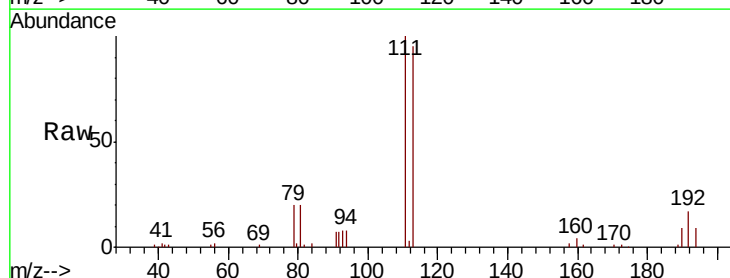


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

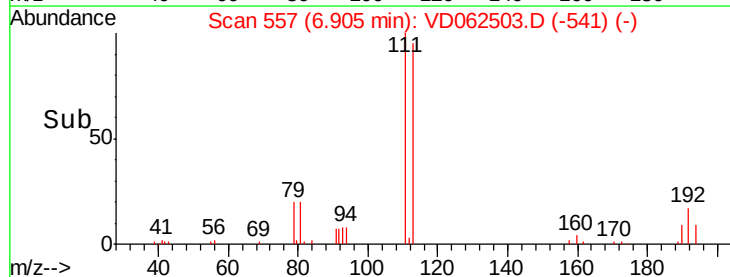
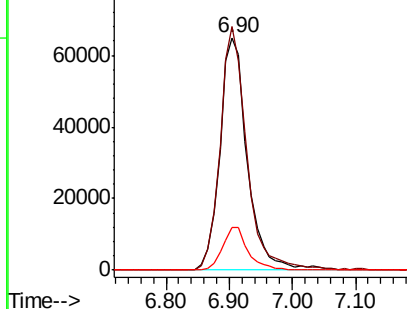


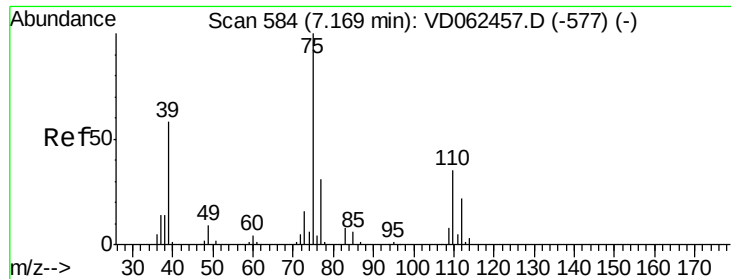
#35
 Dibromofluoromethane
 Concen: 30.837 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.04 min
 Lab File: VD062503.D
 Acq: 22 May 2019 15:27

Tgt Ion:113 Resp: 195256
 Ion Ratio Lower Upper
 113 100
 111 104.9 78.5 117.7
 192 18.3 13.0 19.4



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

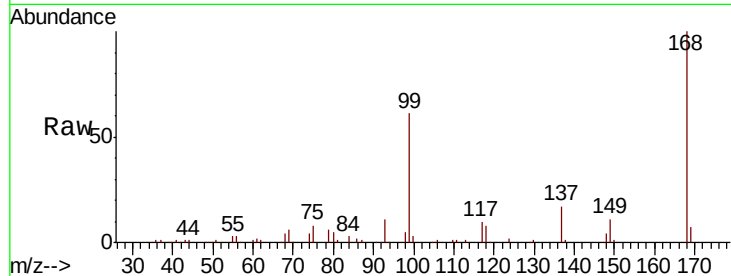




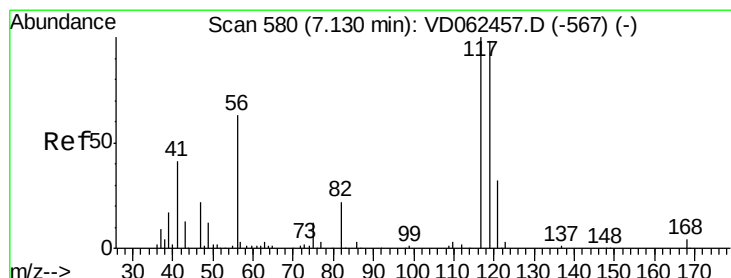
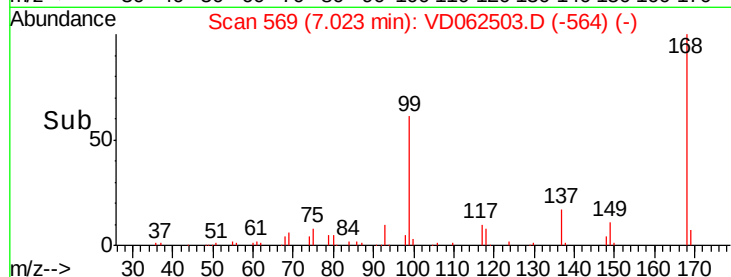
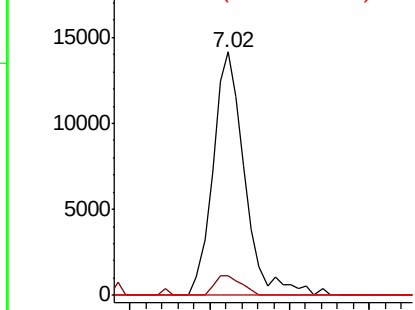
#36
 1,1-Dichloropropene
 Concen: 5.882 ug/l
 RT: 7.02 min Scan# 569
 Delta R.T. -0.15 min
 Lab File: VD062503.D
 Acq: 22 May 2019 15:27

Instrument :
 MSVOA_D
 ClientSampleId :
 P-2(0.5-1.0)

Tot Ion	75	Resp	39470
Ion Ratio	Lower	Upper	
75	100		
110	7.9	19.1	57.1#
77	0.0	25.6	38.4#

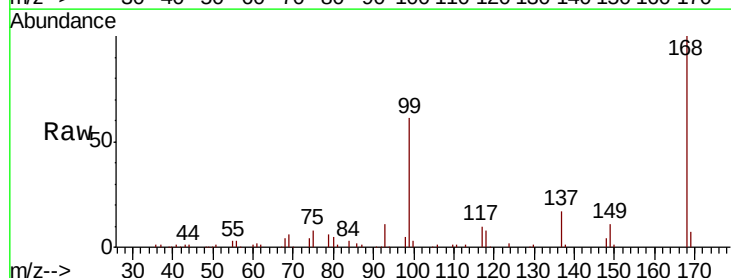


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

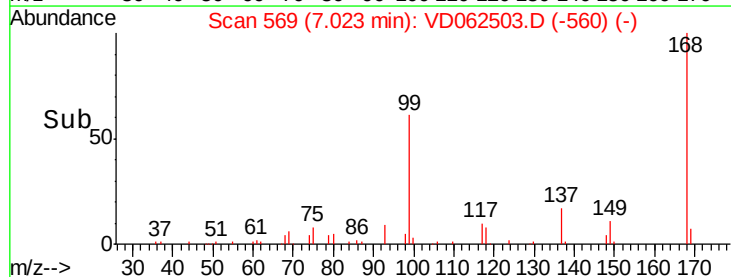
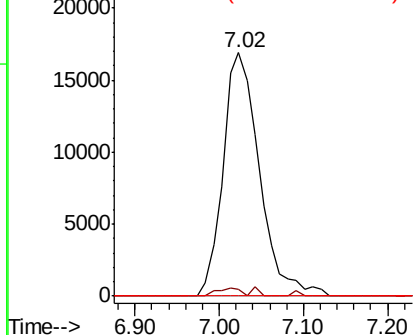


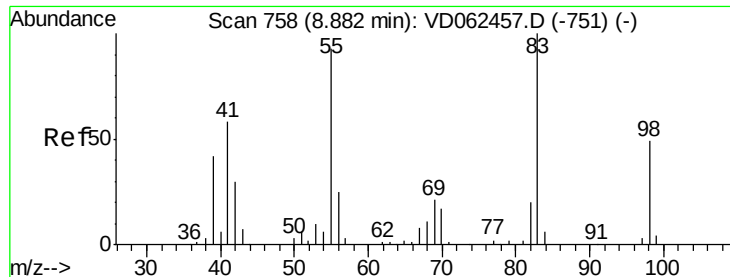
#38
 Carbon Tetrachloride
 Concen: 5.079 ug/l
 RT: 7.02 min Scan# 569
 Delta R.T. -0.11 min
 Lab File: VD062503.D
 Acq: 22 May 2019 15:27

Tgt Ion	117	Resp	50652
Ion Ratio	Lower	Upper	
117	100		
119	2.8	75.8	113.8#
121	0.0	25.9	38.9#



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

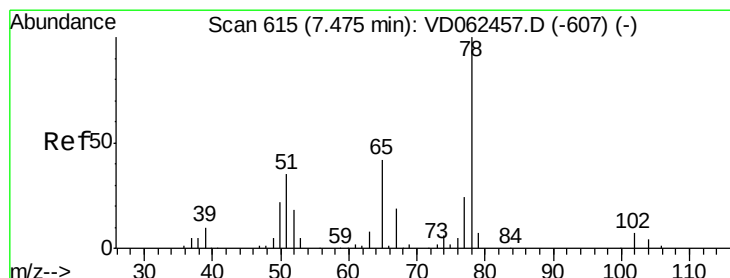
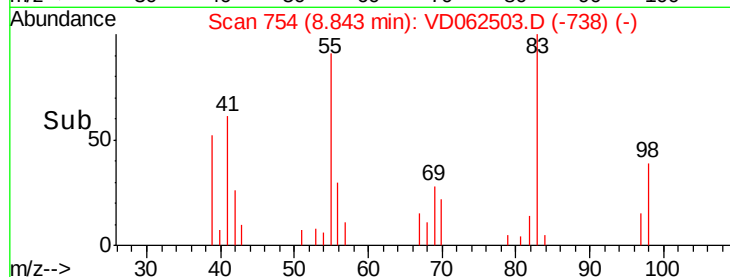
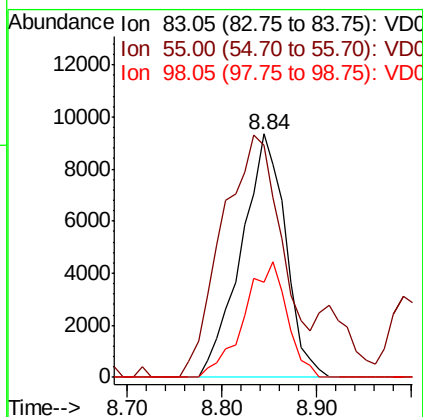
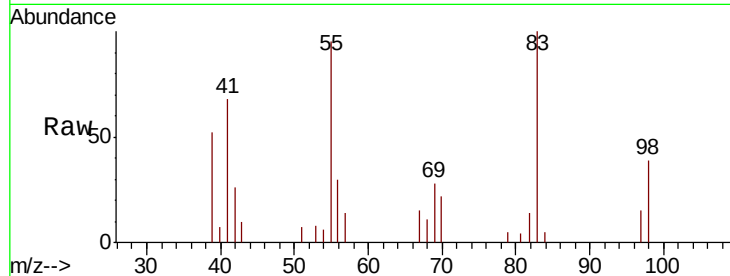




#39
Methylvlcyclohexane
Concen: 5.489 ug/l
RT: 8.84 min Scan# 754
Delta R.T. -0.04 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

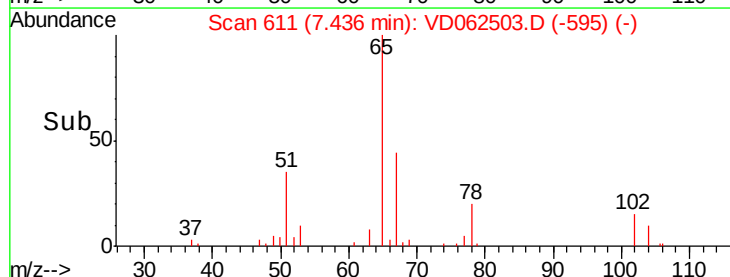
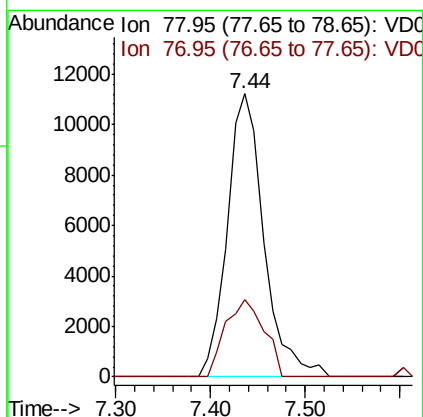
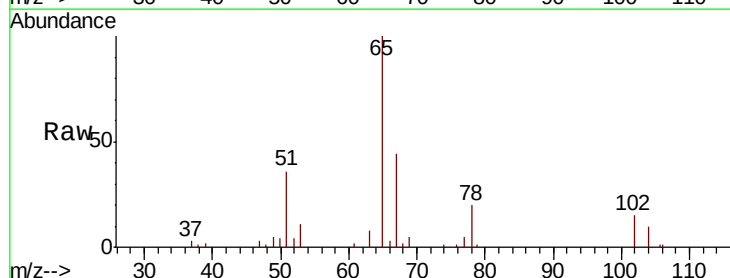
Instrument :
MSVOA_D
ClientSampleId :
P-2(0.5-1.0)

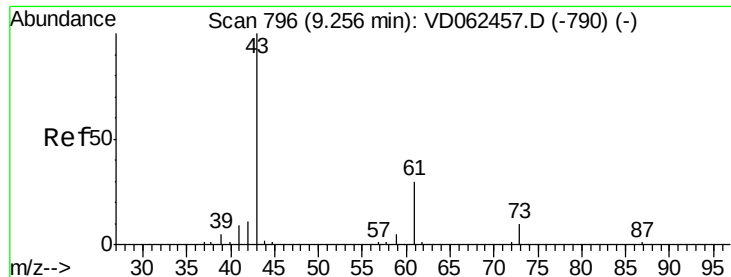
Tot Ion: 83 Resp: 30379
Ion Ratio Lower Upper
83 100
55 95.3 68.2 102.4
98 39.1 38.2 57.4



#40
Benzene
Concen: 2.278 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.04 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Tgt Ion: 78 Resp: 29979
Ion Ratio Lower Upper
78 100
77 27.5 19.7 29.5





#43

Isopropyl Acetate

Concen: 2.433 ug/l

RT: 9.27 min Scan# 797

Delta R.T. 0.01 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

P-2(0.5-1.0)

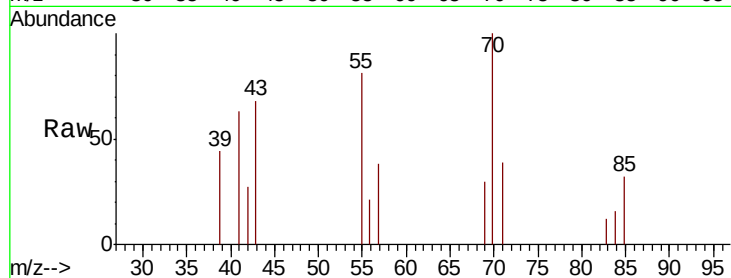
Tot Ion: 43 Resp: 8415

Ion Ratio Lower Upper

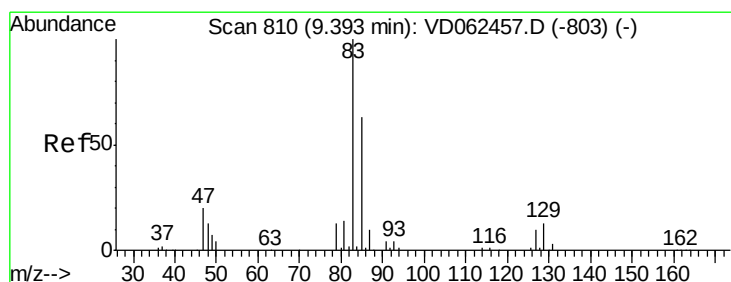
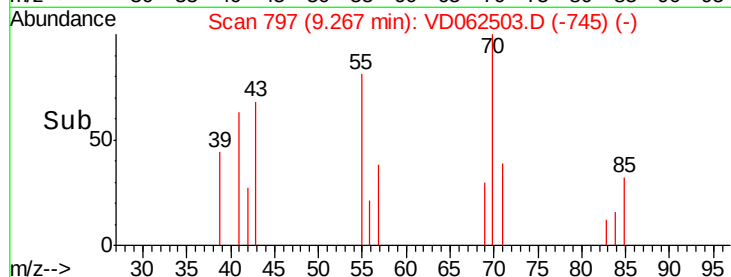
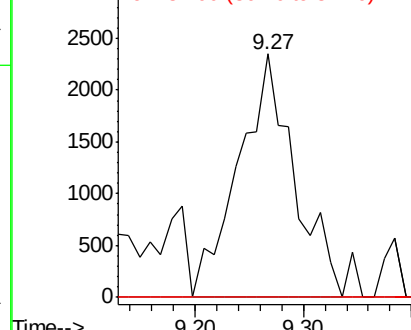
43 100

61 0.0 25.1 37.7#

87 0.0 0.0 0.0



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



#47

Bromodichloromethane

Concen: 2.314 ug/l

RT: 9.38 min Scan# 809

Delta R.T. -0.01 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

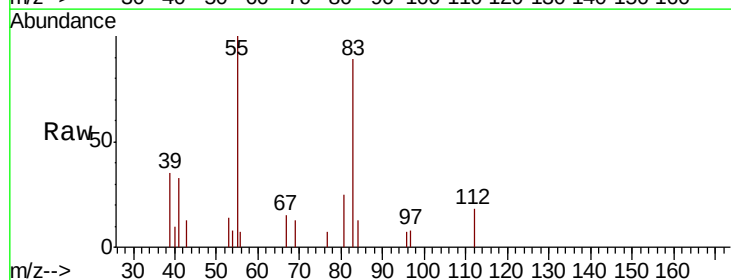
Tgt Ion: 83 Resp: 17117

Ion Ratio Lower Upper

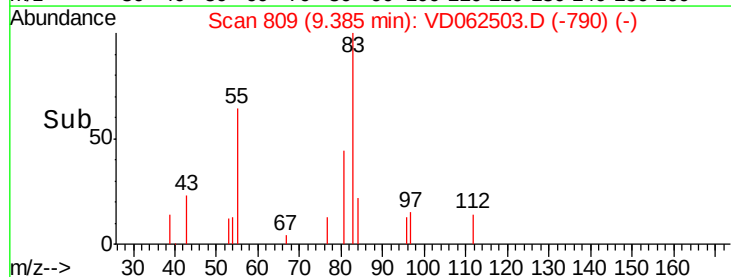
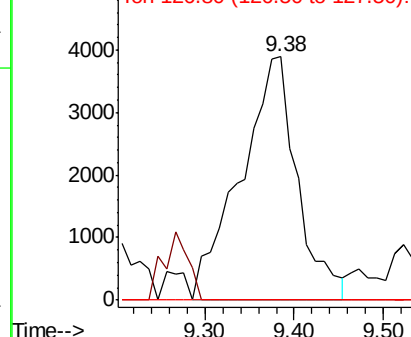
83 100

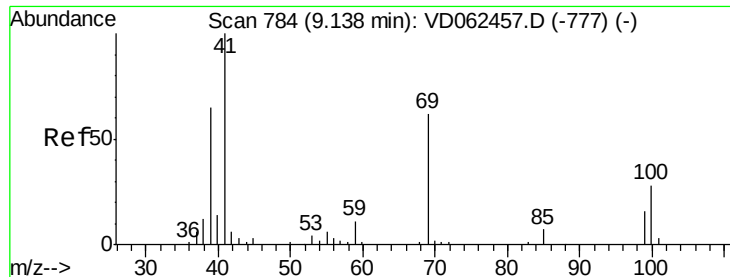
85 0.0 50.9 76.3#

127 0.0 8.1 12.1#



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): V

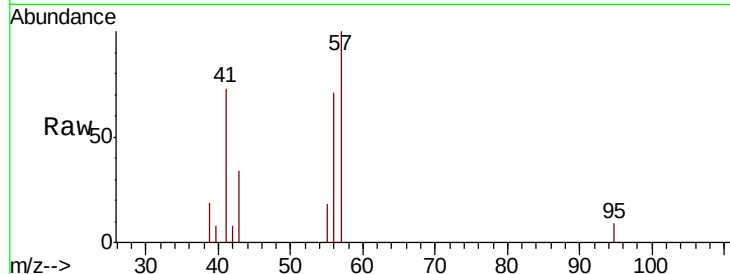




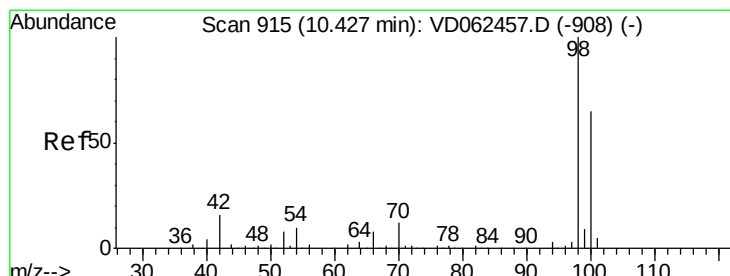
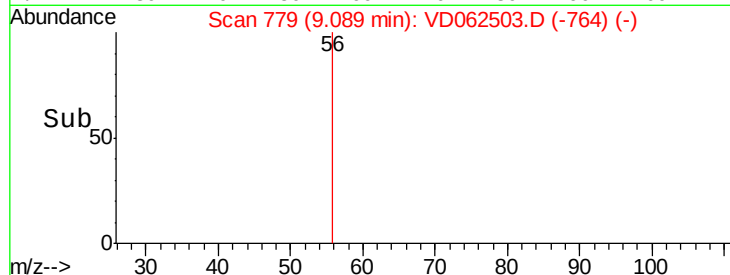
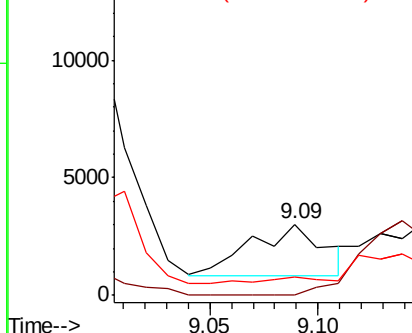
#48
Methyl methacrylate
Concen: 2.227 ug/l
RT: 9.09 min Scan# 779
Delta R.T. -0.05 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Instrument :
MSVOA_D
ClientSampleId :
P-2(0.5-1.0)

Tot Ion: 41 Resp: 5183
Ion Ratio Lower Upper
41 100
69 0.0 64.2 96.2#
39 25.8 46.8 70.2#

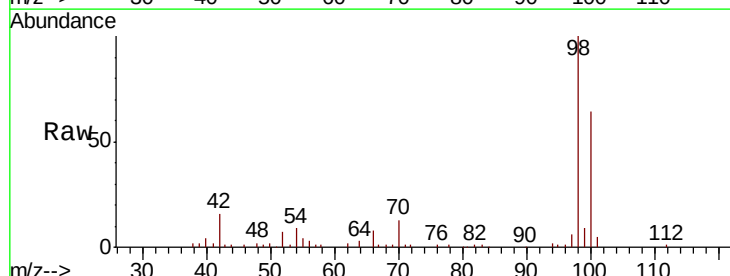


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

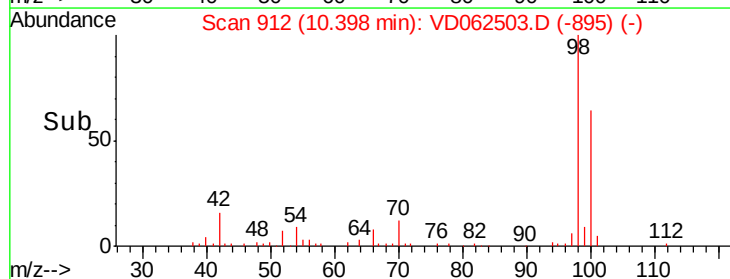
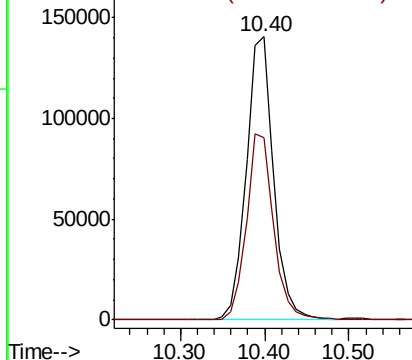


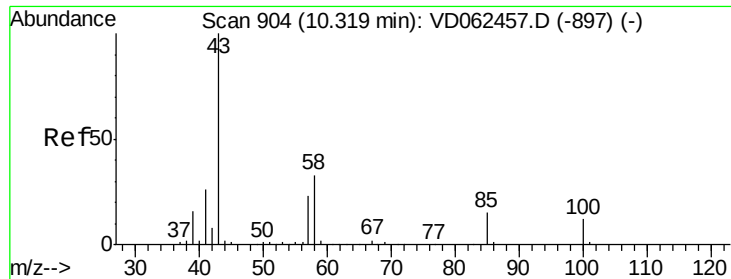
#50
Toluene-d8
Concen: 23.058 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.03 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Tgt Ion: 98 Resp: 319501
Ion Ratio Lower Upper
98 100
100 64.4 53.8 80.8



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





#51

4-Methyl-2-Pentanone

Concen: 9.852 ug/l

RT: 10.35 min Scan# 907

Delta R.T. 0.03 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

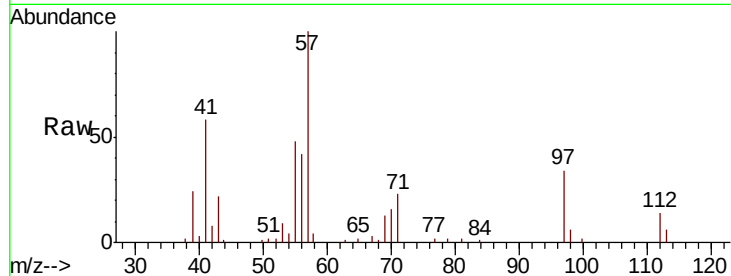
P-2(0.5-1.0)

Tot Ion: 43 Resp: 22508

Ion Ratio Lower Upper

43 100

58 17.7 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

6000

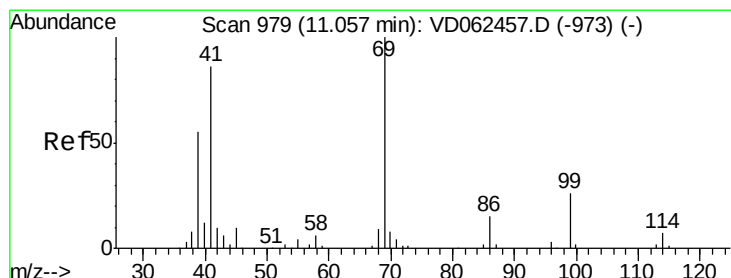
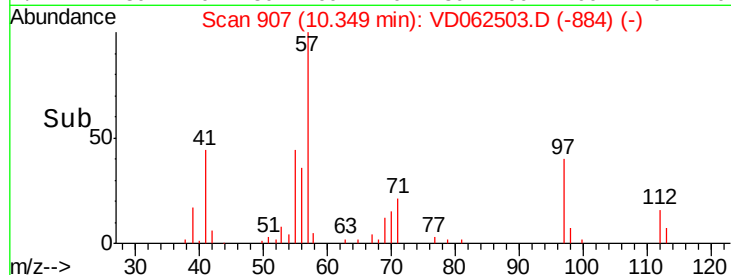
4000

2000

0

10.20 10.30 10.40

Time-->



#56

Ethyl methacrylate

Concen: 4.324 ug/l

RT: 11.09 min Scan# 982

Delta R.T. 0.03 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

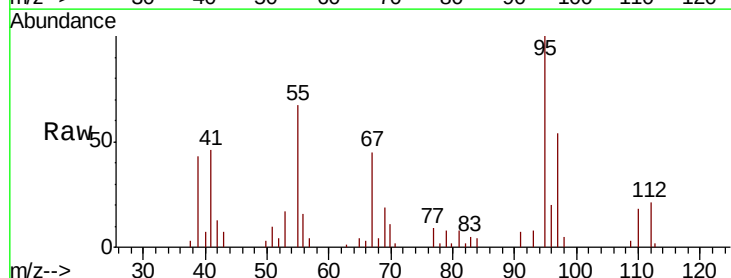
Tgt Ion: 69 Resp: 14117

Ion Ratio Lower Upper

69 100

41 246.3 56.3 84.5#

39 227.7 29.4 44.2#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

15000

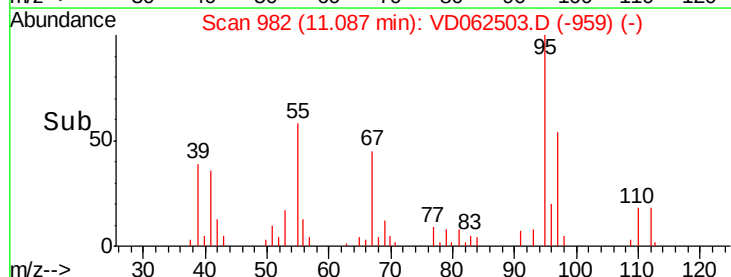
10000

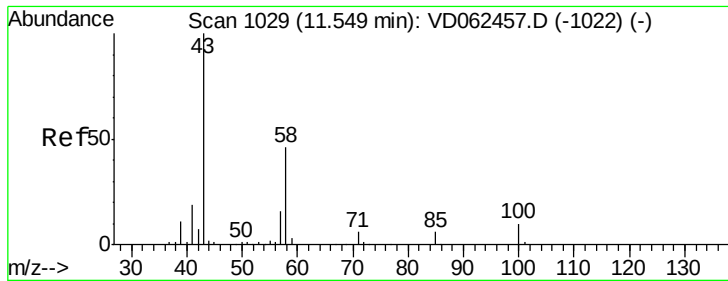
5000

0

11.00 11.10

Time-->

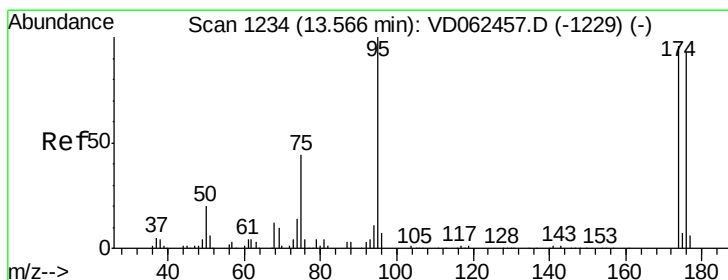
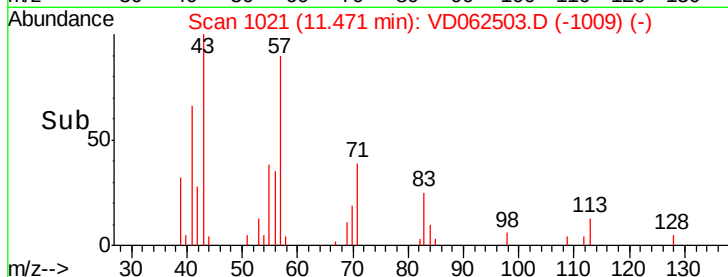
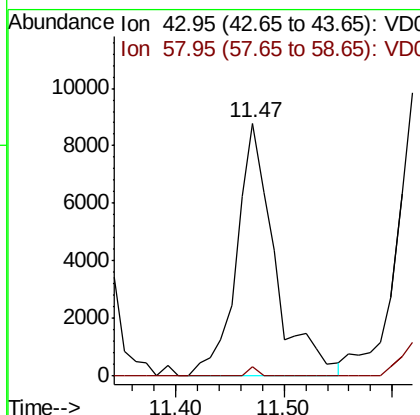
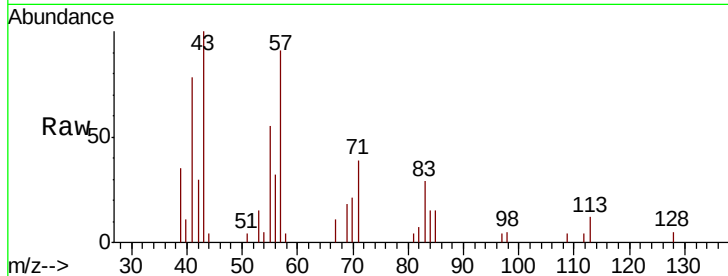




#59
2-Hexanone
Concen: 13.005 ug/l
RT: 11.47 min Scan# 1021
Delta R.T. -0.08 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

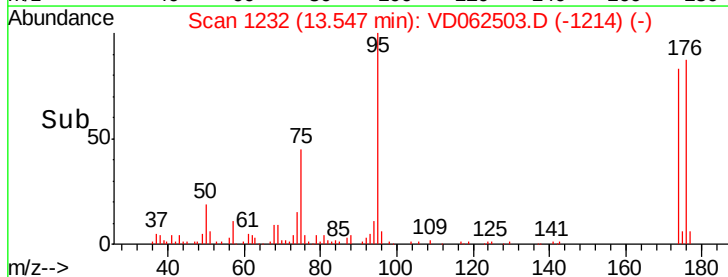
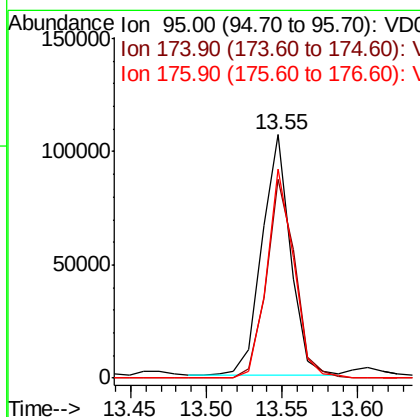
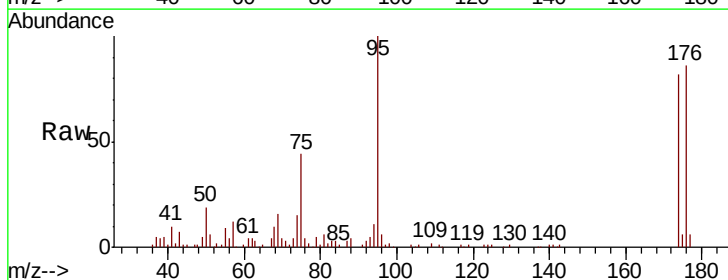
Instrument :
MSVOA_D
ClientSampled :
P-2(0.5-1.0)

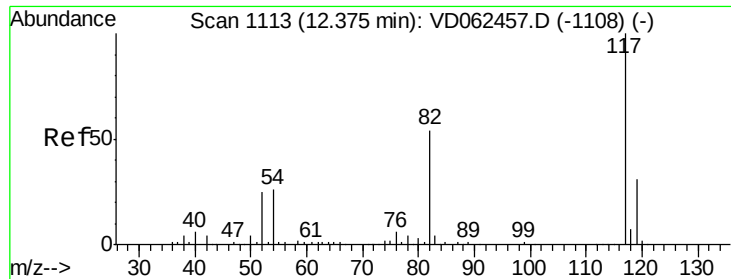
Tot Ion: 43 Resp: 21595
Ion Ratio Lower Upper
43 100
58 3.6 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 23.121 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Tgt Ion: 95 Resp: 140145
Ion Ratio Lower Upper
95 100
174 81.7 0.0 181.8
176 85.7 0.0 174.4

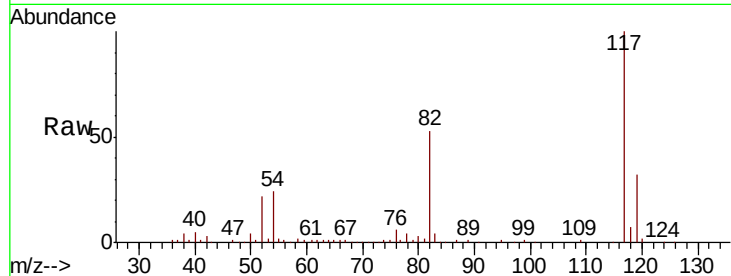




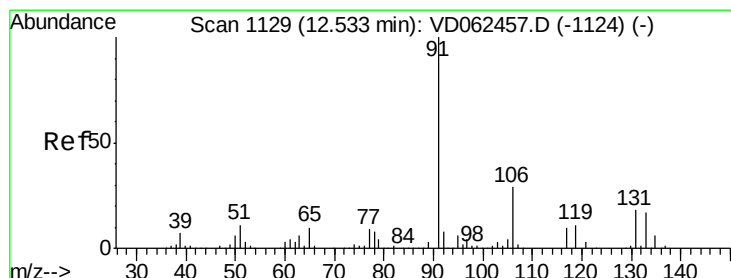
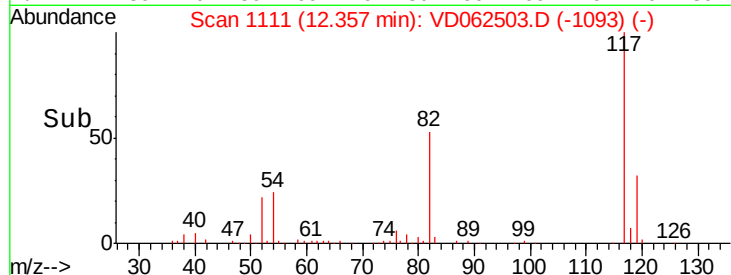
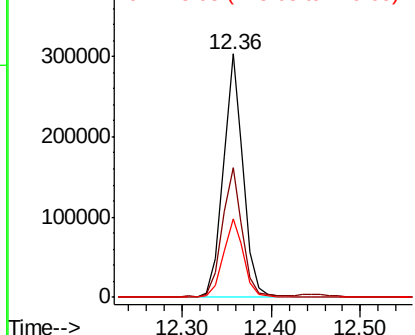
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Instrument :
MSVOA_D
ClientSampleId :
P-2(0.5-1.0)

Tot Ion:117 Resp: 473564
Ion Ratio Lower Upper
117 100
82 53.2 36.2 54.2
119 32.2 26.2 39.4

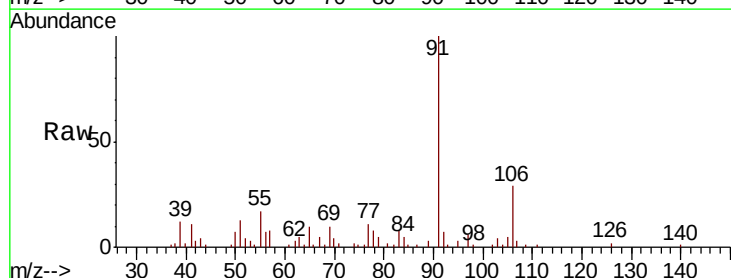


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

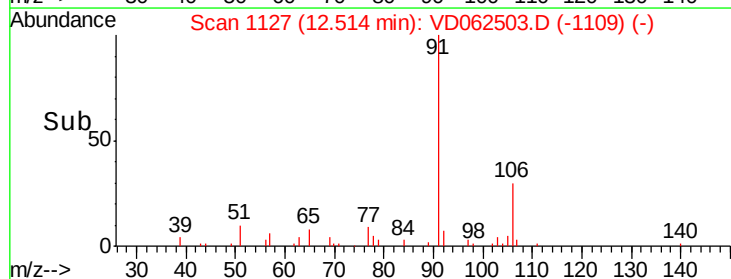
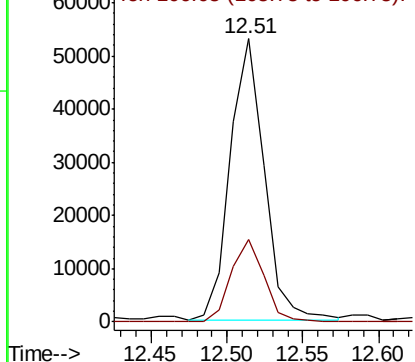


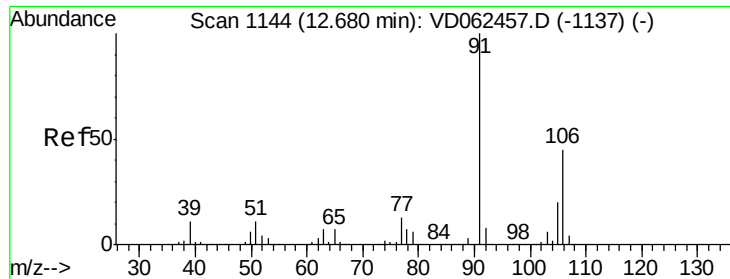
#67
Ethyl Benzene
Concen: 5.245 ug/l
RT: 12.51 min Scan# 1127
Delta R.T. -0.02 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Tgt Ion: 91 Resp: 82267
Ion Ratio Lower Upper
91 100
106 29.0 24.7 37.1



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

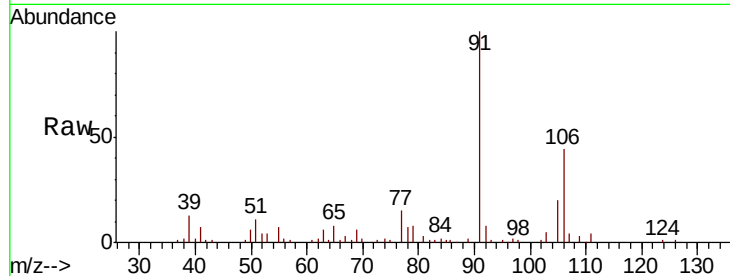




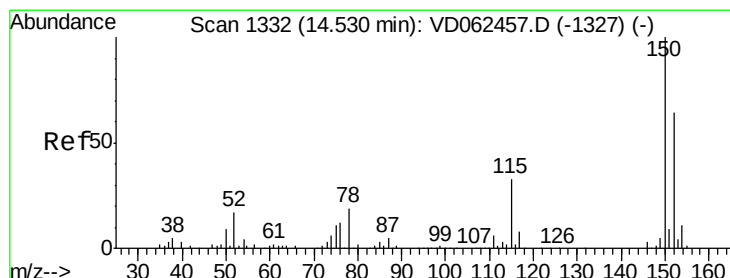
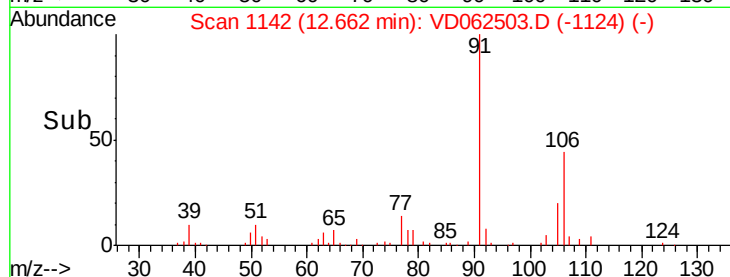
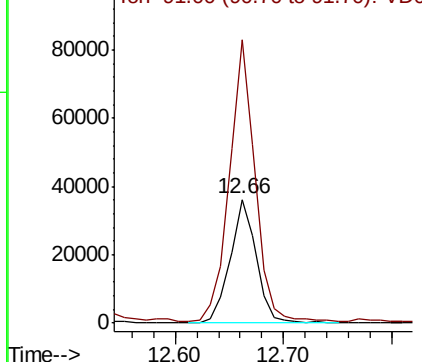
#68
m/p-Xvlenes
Concen: 10.872 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Instrument :
MSVOA_D
ClientSampleId :
P-2(0.5-1.0)

Tot Ion:106 Resp: 61218
Ion Ratio Lower Upper
106 100
91 228.5 164.0 246.0

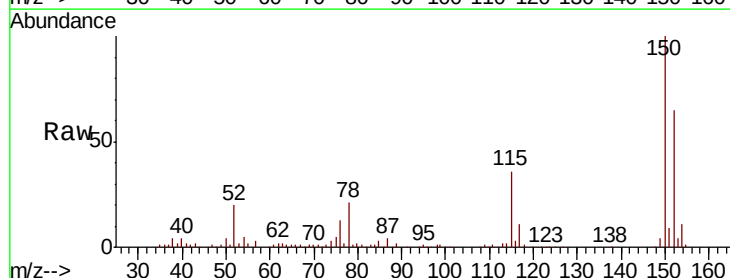


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

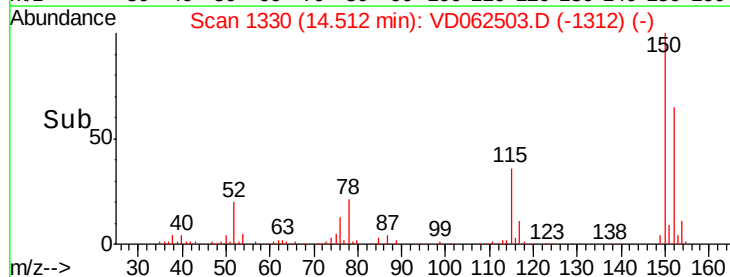
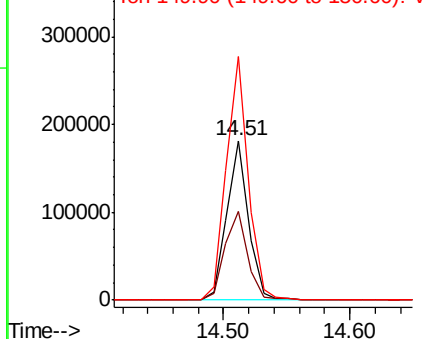


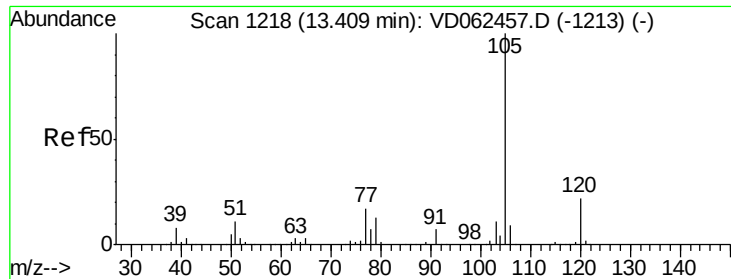
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062503.D
Acq: 22 May 2019 15:27

Tgt Ion:152 Resp: 214095
Ion Ratio Lower Upper
152 100
115 55.7 30.9 92.7
150 152.9 0.0 314.8



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: 3.538 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

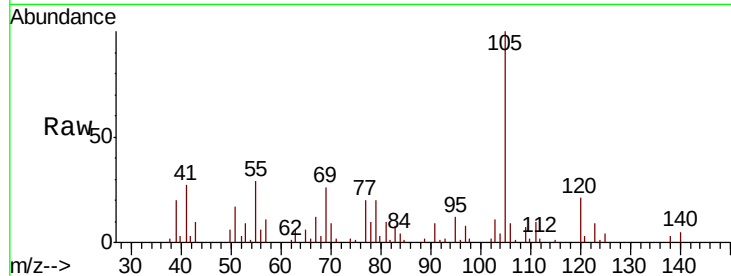
P-2(0.5-1.0)

Tot Ion:105 Resp: 47744

Ion Ratio Lower Upper

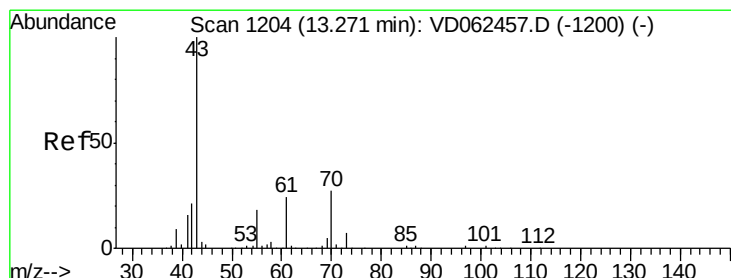
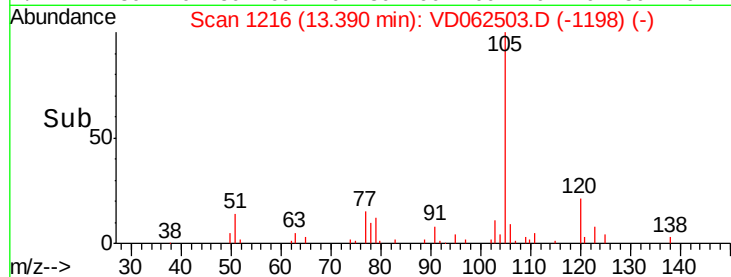
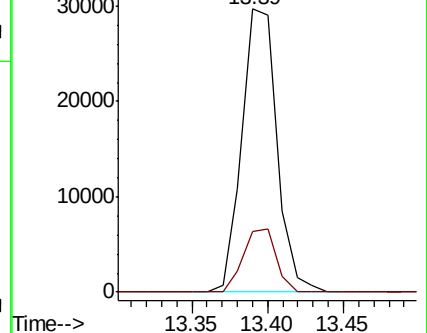
105 100

120 21.2 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 2.047 ug/l

RT: 13.28 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Tgt Ion: 43 Resp: 6823

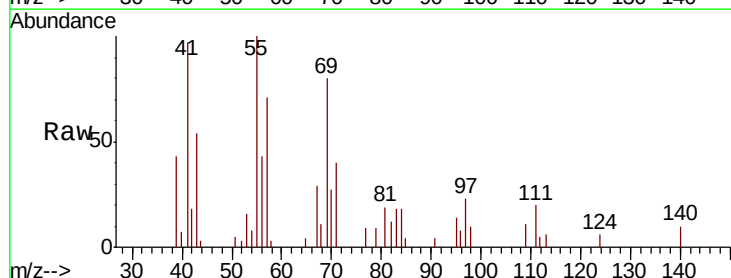
Ion Ratio Lower Upper

43 100

70 49.5 24.2 36.4#

55 186.3 16.0 24.0#

61 0.0 21.6 32.4#

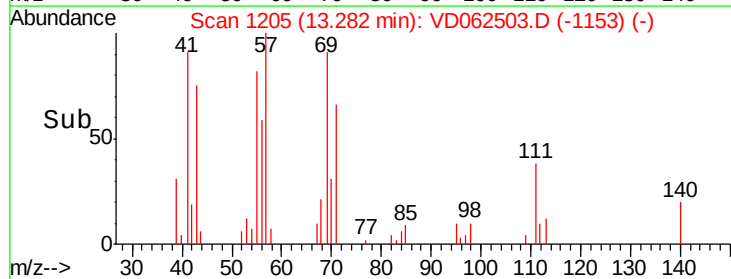
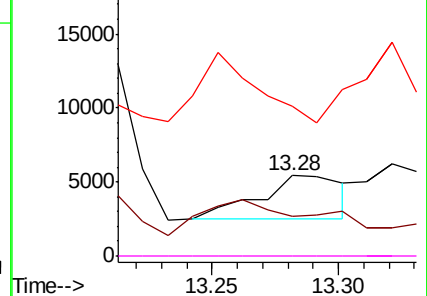


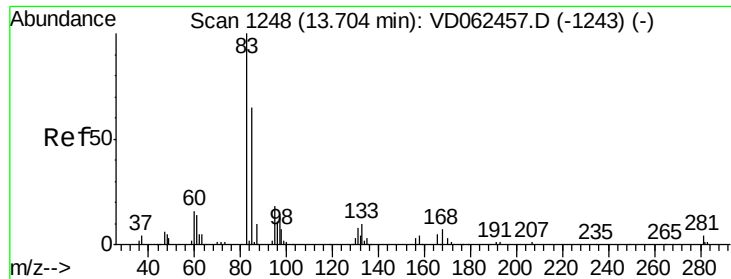
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 1.141 ug/l

RT: 13.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampled :

P-2(0.5-1.0)

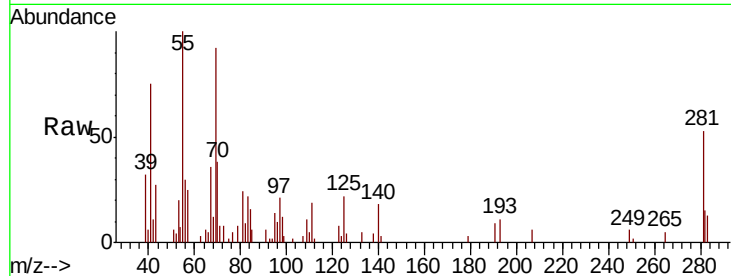
Tot Ion: 83 Resp: 2778

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

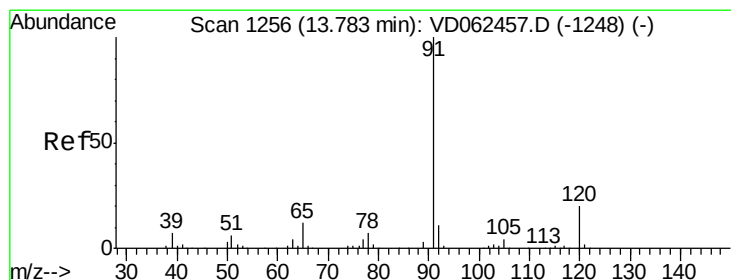
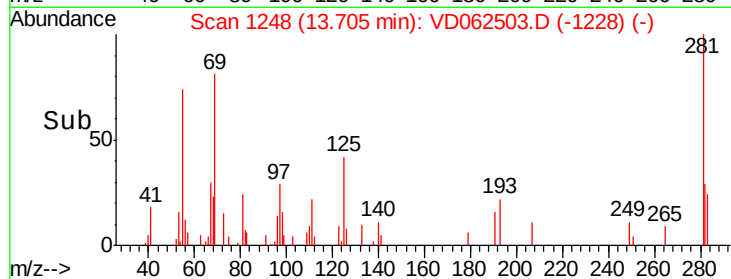
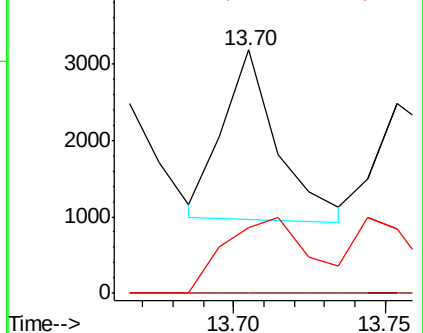
85 26.9 32.6 97.7#



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: 3.002 ug/l

RT: 13.76 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VD062503.D

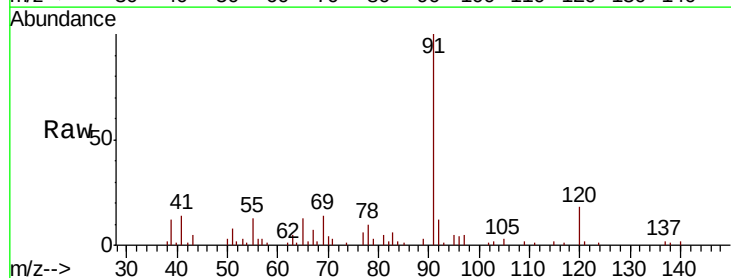
Acq: 22 May 2019 15:27

Tgt Ion: 91 Resp: 46924

Ion Ratio Lower Upper

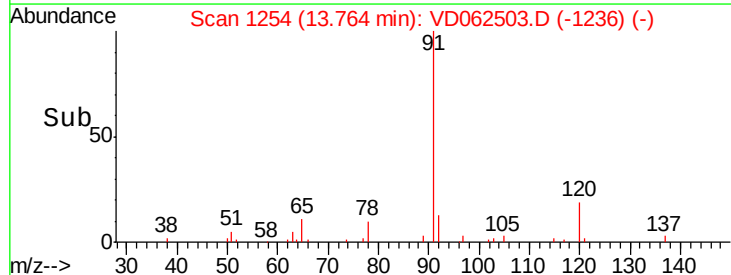
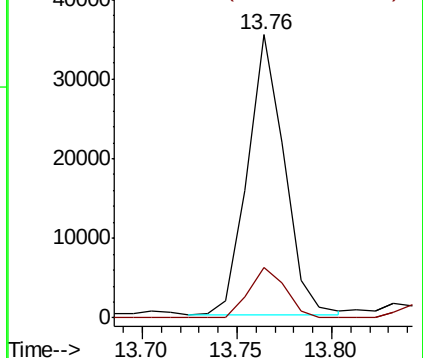
91 100

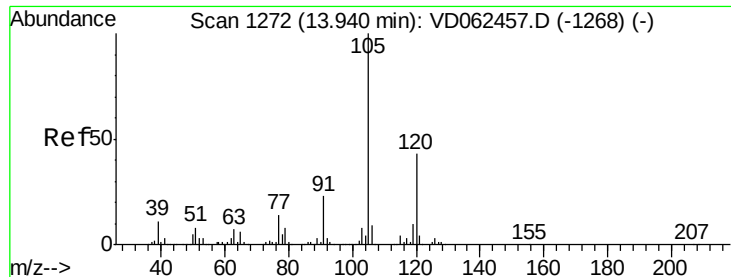
120 17.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#80

1,3,5-Trimethylbenzene

Concen: 2.194 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

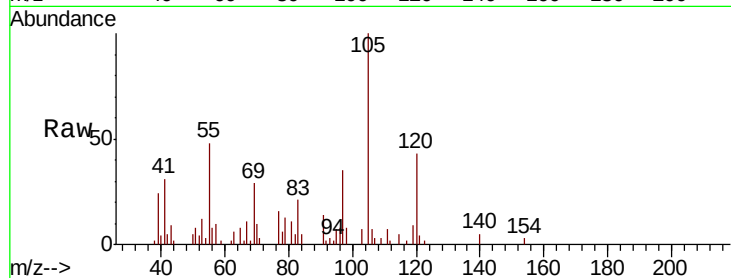
P-2(0.5-1.0)

Tot Ion:105 Resp: 25639

Ion Ratio Lower Upper

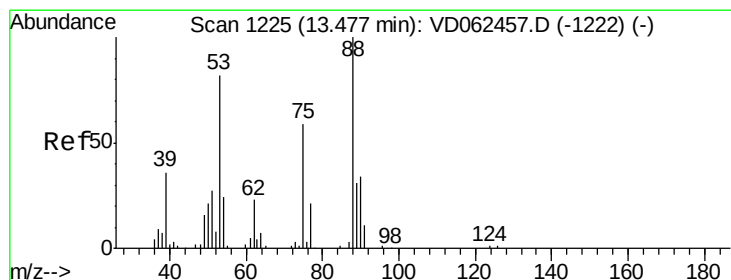
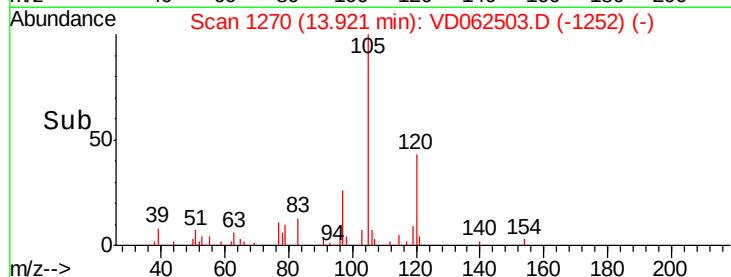
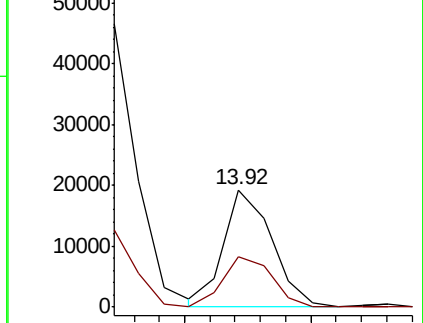
105 100

120 42.8 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#81

trans-1,4-Dichloro-2-butene

Concen: 86.372 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

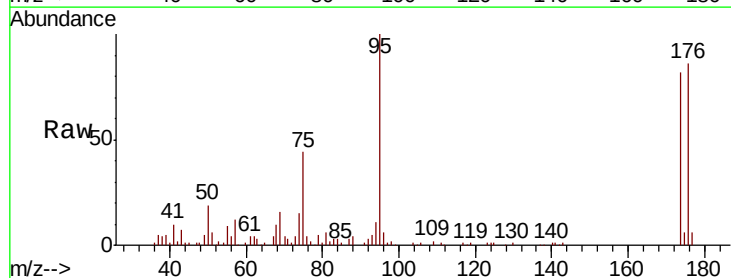
Tgt Ion: 75 Resp: 61429

Ion Ratio Lower Upper

75 100

53 4.6 65.8 98.8#

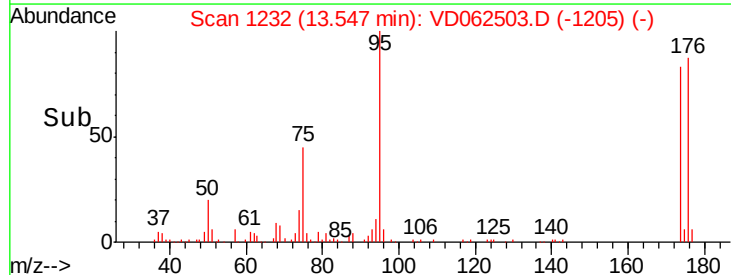
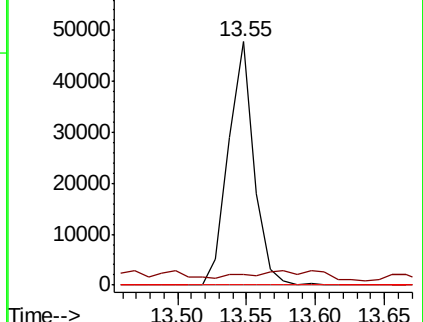
89 0.0 35.0 52.6#

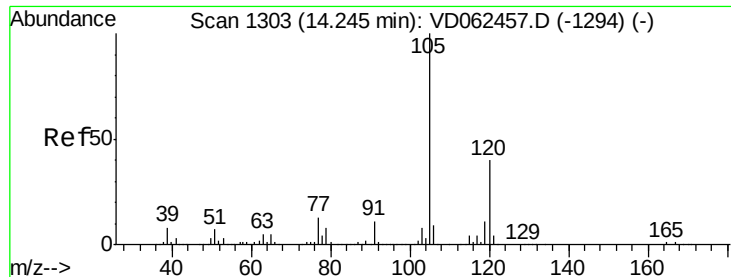


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

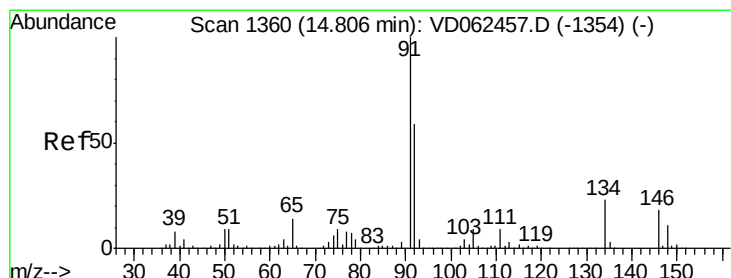
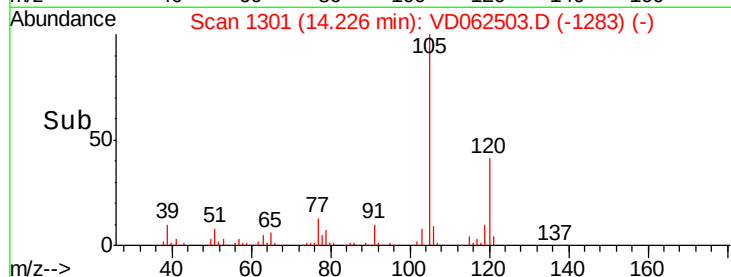
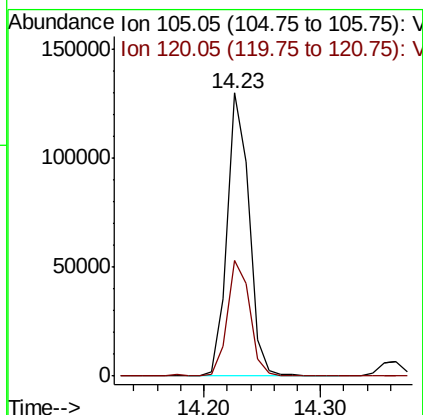
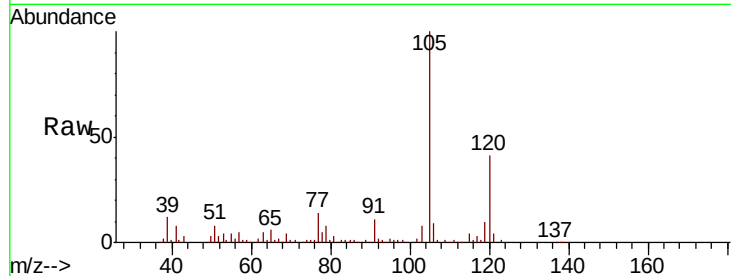




#84
 1,2,4-Trimethylbenzene
 Concen: 14.144 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: VD062503.D
 Acq: 22 May 2019 15:27

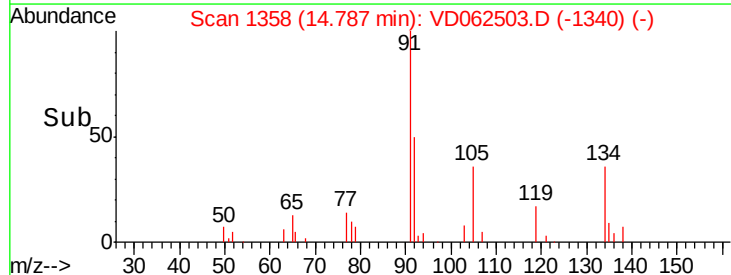
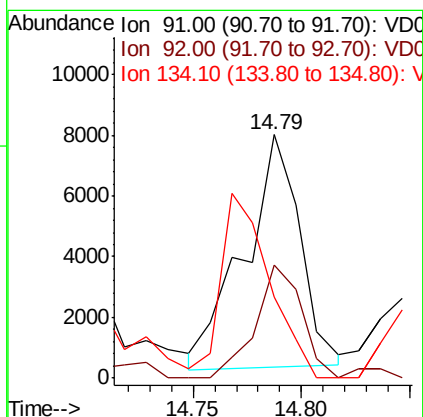
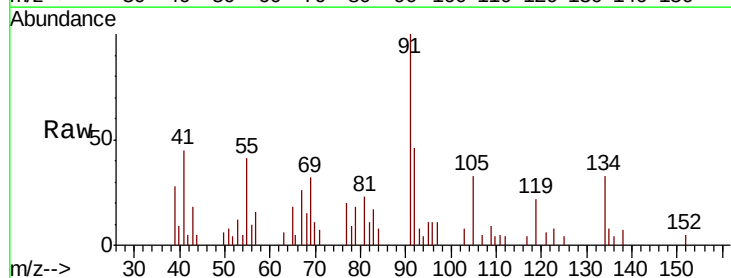
Instrument :
 MSVOA_D
 ClientSampleId :
 P-2(0.5-1.0)

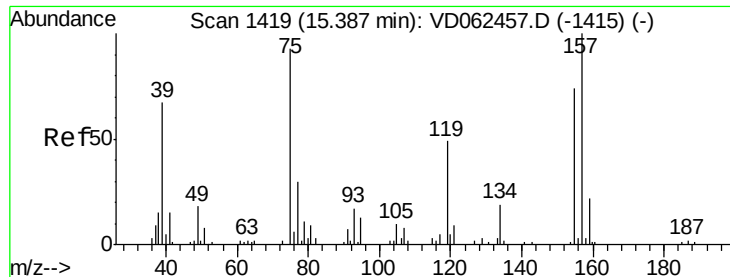
Tot Ion:105 Resp: 169353
 Ion Ratio Lower Upper
 105 100
 120 40.7 23.1 69.2



#89
 n-Butylbenzene
 Concen: 1.162 ug/l
 RT: 14.79 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: VD062503.D
 Acq: 22 May 2019 15:27

Tgt Ion: 91 Resp: 13729
 Ion Ratio Lower Upper
 91 100
 92 46.5 30.3 91.0
 134 33.1 14.5 43.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.690 ug/l

RT: 15.49 min Scan# 1429

Delta R.T. 0.10 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

P-2(0.5-1.0)

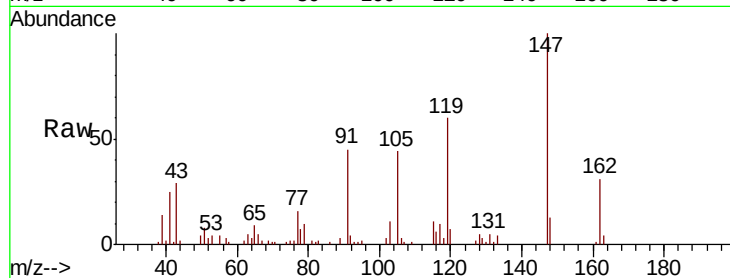
Tot Ion: 75 Resp: 781

Ion Ratio Lower Upper

75 100

155 0.0 55.3 165.8#

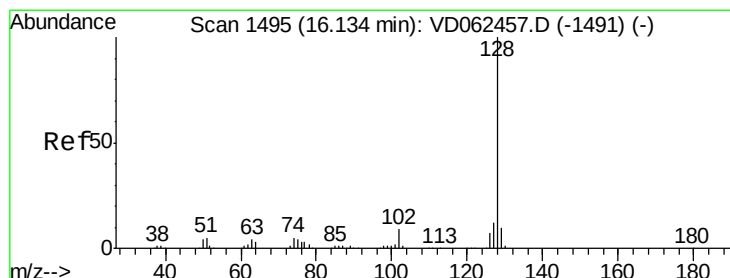
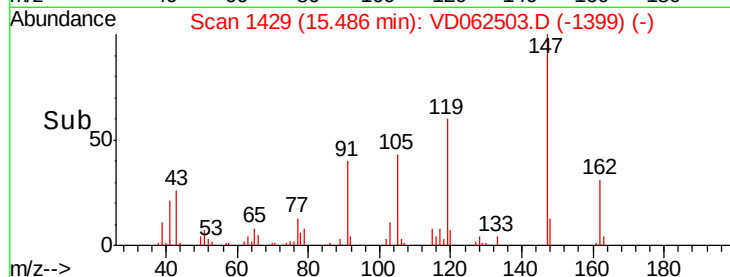
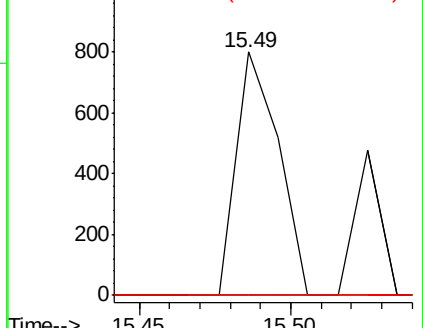
157 0.0 67.8 203.2#



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



#95

Naphthalene

Concen: 7.154 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.02 min

Lab File: VD062503.D

Acq: 22 May 2019 15:27

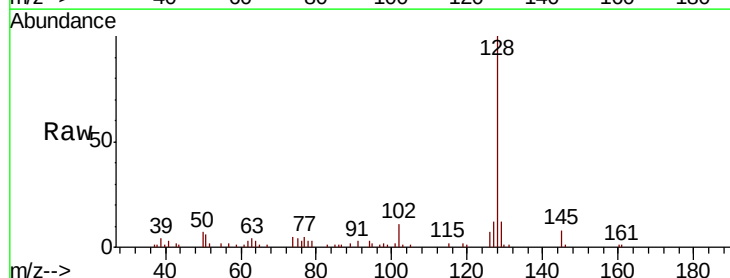
Tgt Ion: 128 Resp: 44246

Ion Ratio Lower Upper

128 100

127 11.7 9.8 14.8

129 13.6 8.8 13.2#



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

