

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062424.D
 Acq On : 16 May 2019 18:21
 Operator : FY/SY
 Sample : K2823-04
 Misc : 5.67g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11-B2

Quant Time: May 17 02:30:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	12510	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	20160	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	20736	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	9832	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	7808	67.16	ug/l	0.03
Spiked Amount	50.000		Recovery	=	134.32%	
35) Dibromofluoromethane	6.91	113	6033	36.07	ug/l	0.02
Spiked Amount	50.000		Recovery	=	72.14%	
50) Toluene-d8	10.42	98	14130	35.04	ug/l	0.02
Spiked Amount	50.000		Recovery	=	70.08%	
62) 4-Bromofluorobenzene	13.56	95	7896	48.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

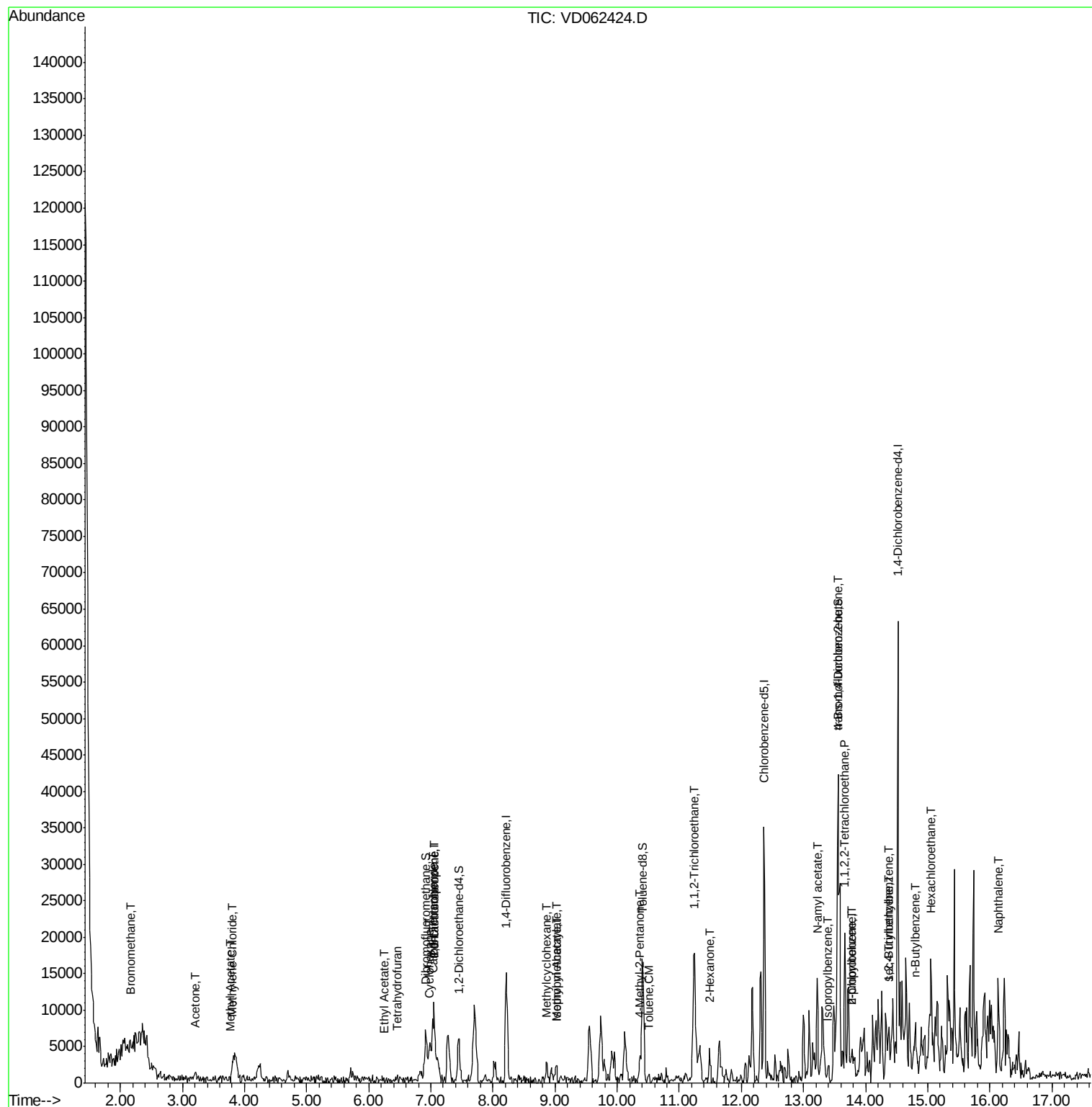
						Qvalue
5) Bromomethane	2.16	94	3378	169.673	ug/l #	1
16) Acetone	3.21	43	1722	70.631	ug/l #	50
18) Methyl Acetate	3.75	43	181	3.871	ug/l #	53
20) Methylene Chloride	3.80	84	203	1.994	ug/l #	8
29) Tetrahydrofuran	6.46	42	180	14.690	ug/l #	30
31) Cyclohexane	6.98	56	607	4.976	ug/l #	14
36) 1,1-Dichloropropene	7.04	75	492	2.977	ug/l #	40
37) Ethyl Acetate	6.24	43	211	3.010	ug/l #	64
38) Carbon Tetrachloride	7.03	117	321	1.403	ug/l #	12
39) Methylcyclohexane	8.87	83	1884	11.896	ug/l	97
43) Isopropyl Acetate	9.03	43	1583	15.923	ug/l #	43
48) Methyl methacrylate	9.01	41	1220	19.923	ug/l #	14
51) 4-Methyl-2-Pentanone	10.35	43	657	10.281	ug/l #	37
52) Toluene	10.52	92	460	1.894	ug/l #	70
55) 1,1,2-Trichloroethane	11.24	97	456	5.307	ug/l #	16
59) 2-Hexanone	11.49	43	2197	46.645	ug/l #	27
73) Isopropylbenzene	13.41	105	599	1.016	ug/l #	51
74) N-amyl acetate	13.22	43	3275	21.195	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.66	83	208	1.864	ug/l #	25
78) n-propylbenzene	13.77	91	3052	4.341	ug/l #	54
79) 2-Chlorotoluene	13.77	91	3052	7.580	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.56	75	3507	106.317	ug/l #	16
84) 1,2,4-Trimethylbenzene	14.36	105	1312	2.634	ug/l #	30
85) sec-Butylbenzene	14.36	105	1312	2.145	ug/l #	60
89) n-Butylbenzene	14.80	91	2971	6.058	ug/l	84
90) Hexachloroethane	15.05	117	750	5.047	ug/l #	20
95) Naphthalene	16.12	128	1400	5.551	ug/l #	70

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

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Quant Time: May 17 02:30:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampleID :

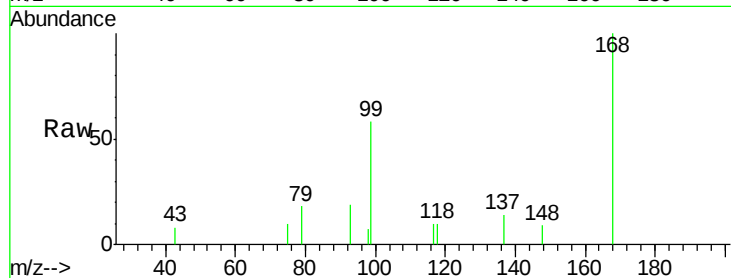
11-B2

Tot Ion:168 Resp: 12510

Ion Ratio Lower Upper

168 100

99 58.1 46.5 69.7

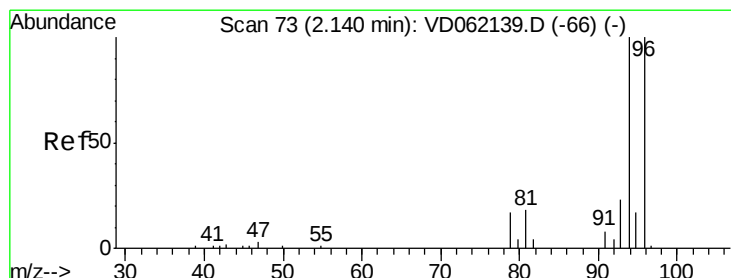
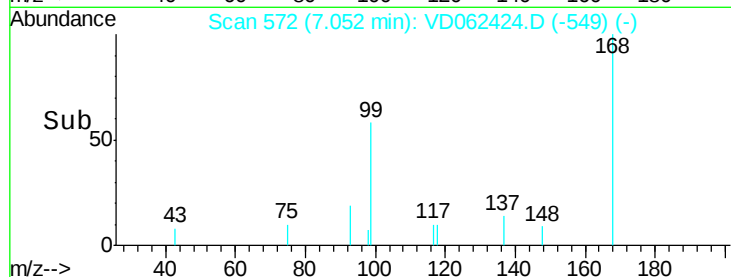


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

Time-->



#5

Bromomethane

Concen: 169.673 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

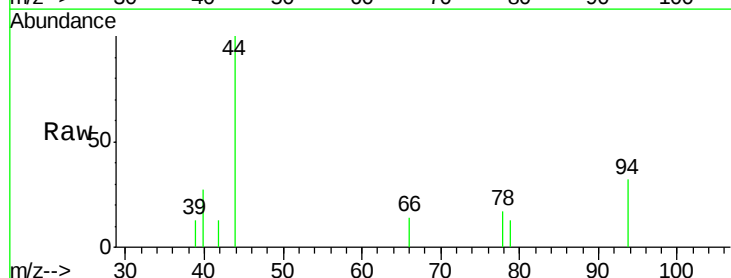
Tgt Ion: 94 Resp: 3378

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 100.0 18.5 27.7#



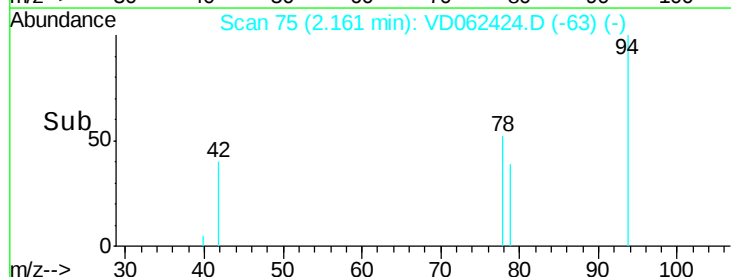
Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.16

Time-->





#16

Acetone

Concen: 70.631 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

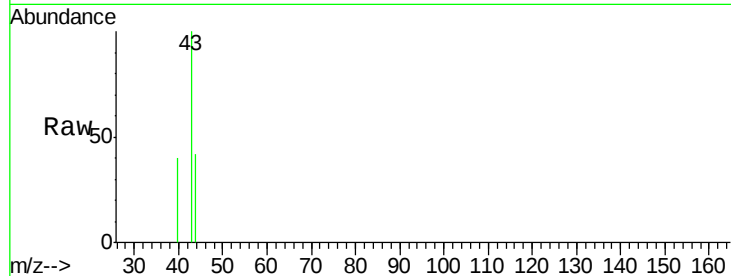
11-B2

Tot Ion: 43 Resp: 1722

Ion Ratio Lower Upper

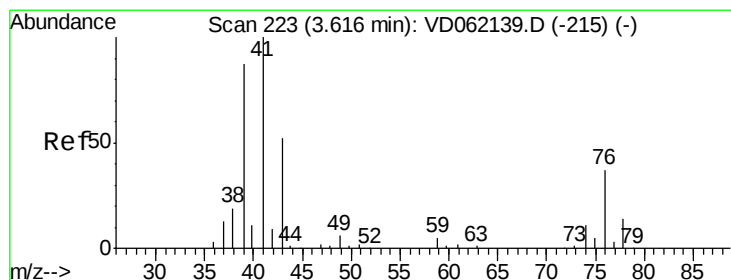
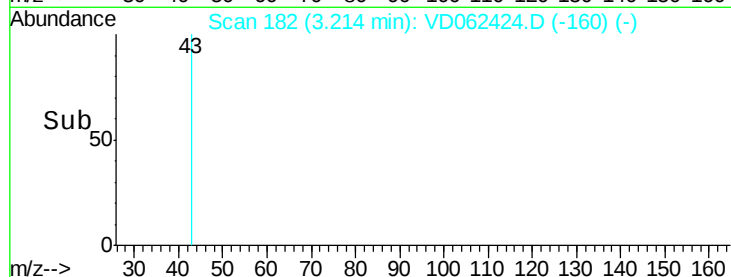
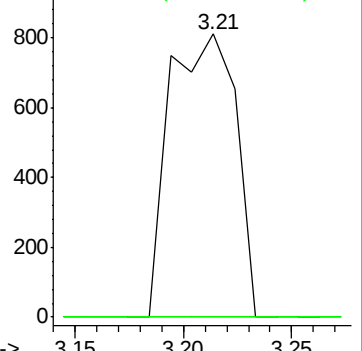
43 100

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



#18

Methyl Acetate

Concen: 3.871 ug/l

RT: 3.75 min Scan# 237

Delta R.T. 0.14 min

Lab File: VD062424.D

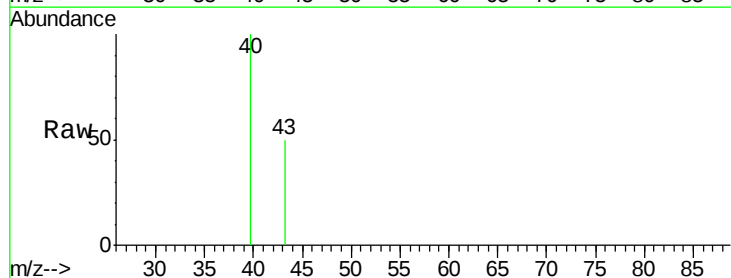
Acq: 16 May 2019 18:21

Tgt Ion: 43 Resp: 181

Ion Ratio Lower Upper

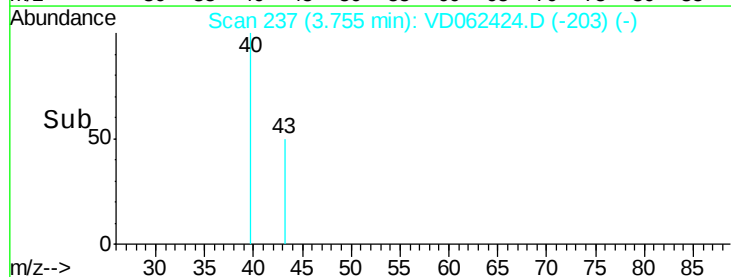
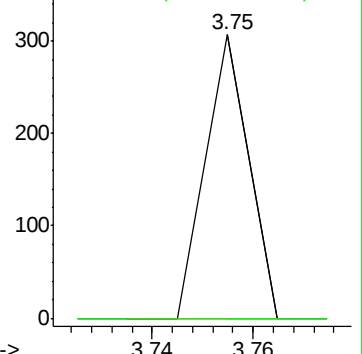
43 100

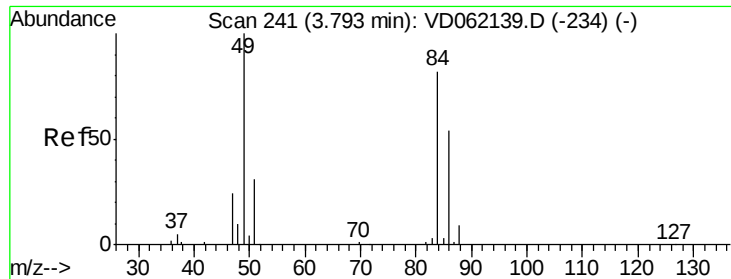
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

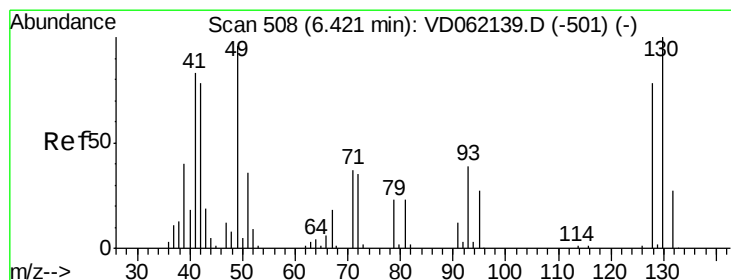
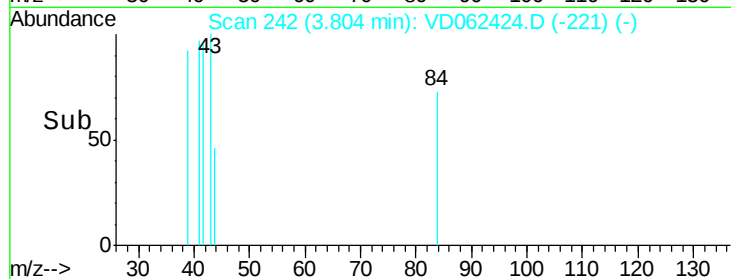
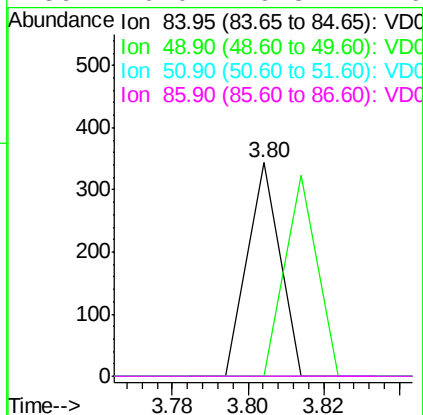
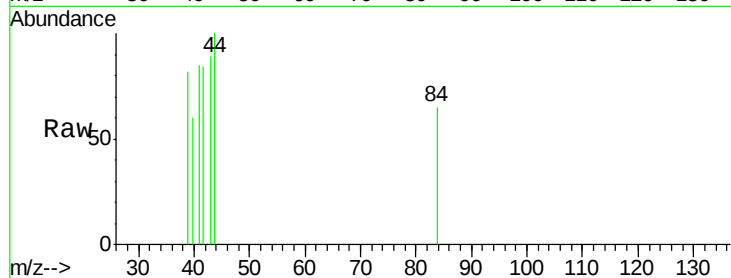




#20
Methvlene Chloride
Concen: 1.994 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

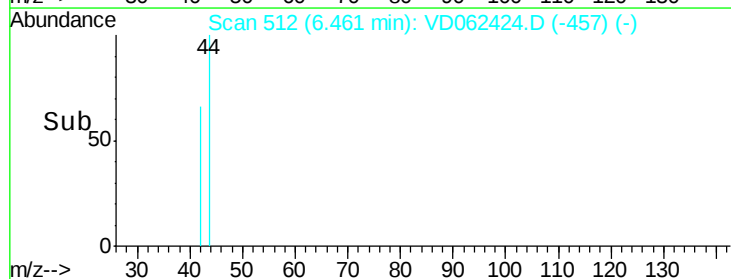
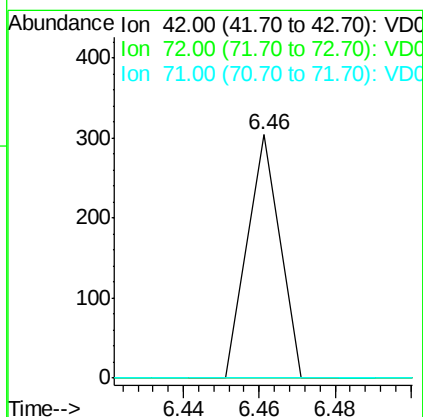
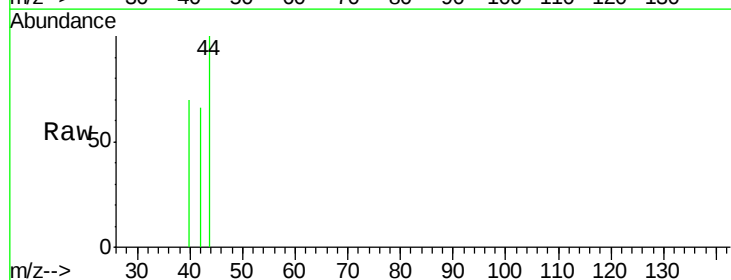
Instrument :
MSVOA_D
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11-B2

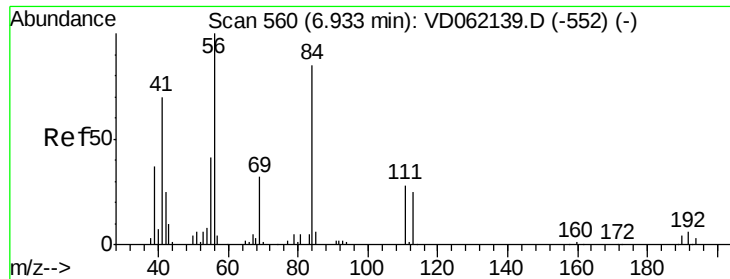
Tot Ion: 84 Resp: 203
Ion Ratio Lower Upper
84 100
49 0.0 94.0 141.0#
51 0.0 29.0 43.4#
86 0.0 49.8 74.6#



#29
Tetrahydrofuran
Concen: 14.690 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.04 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

Tgt Ion: 42 Resp: 180
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.6#
71 0.0 36.7 55.1#

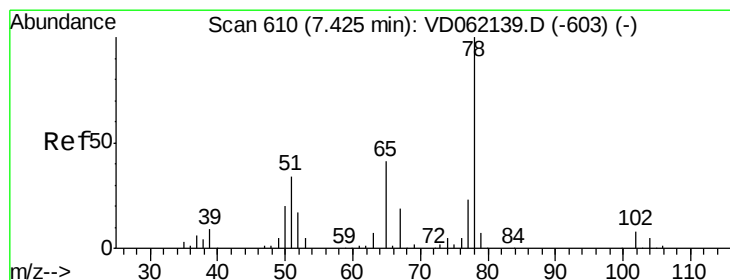
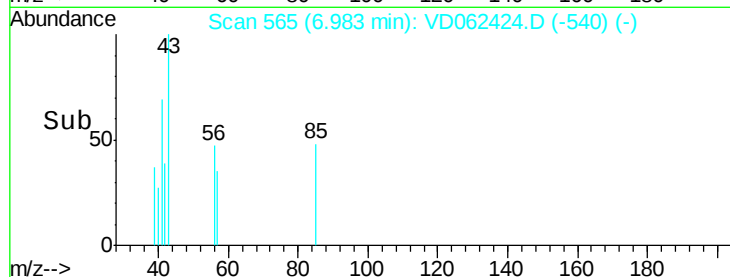
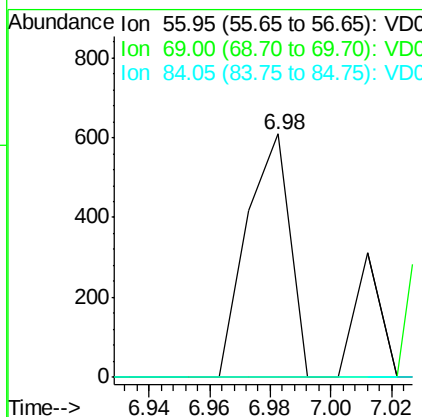
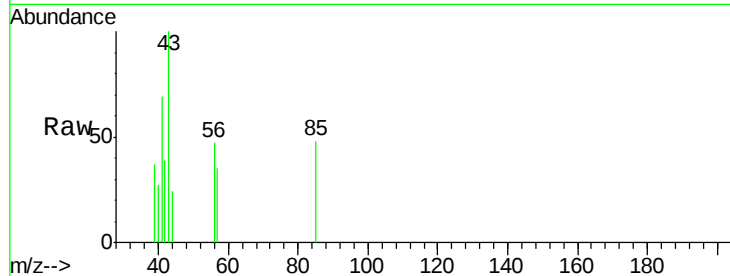




#31
Cyclohexane
Concen: 4.976 ug/l
RT: 6.98 min Scan# 565
Delta R.T. 0.05 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

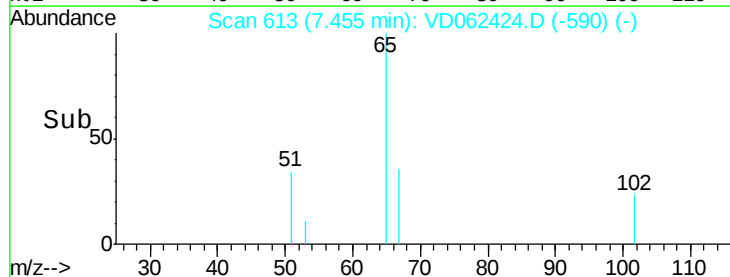
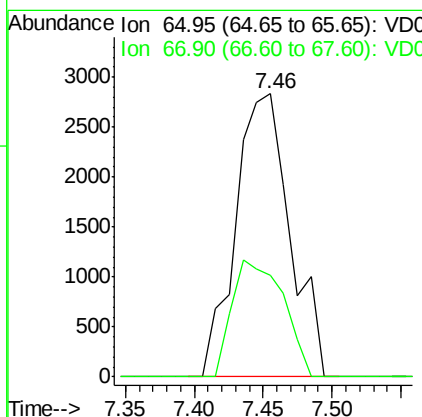
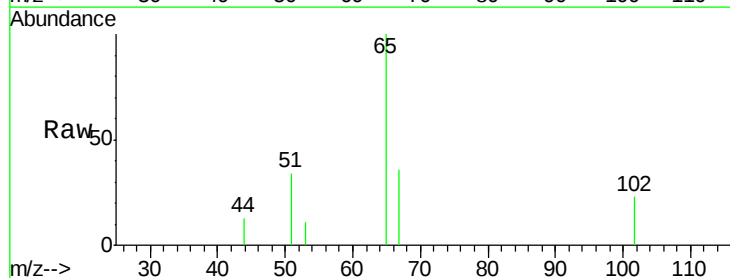
Instrument :
MSVOA_D
ClientSampleId :
11-B2

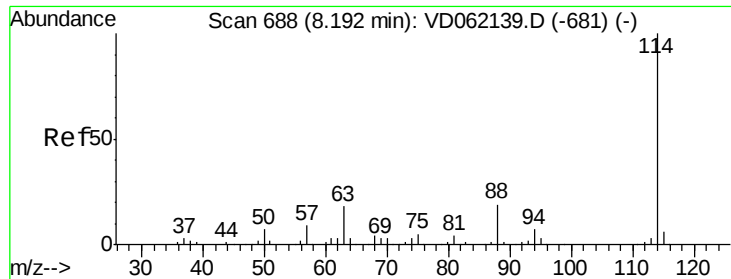
Tot Ion: 56 Resp: 607
Ion Ratio Lower Upper
56 100
69 0.0 25.8 38.6#
84 0.0 72.2 108.4#



#33
1,2-Dichloroethane-d4
Concen: 67.162 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

Tgt Ion: 65 Resp: 7808
Ion Ratio Lower Upper
65 100
67 35.7 0.0 98.0

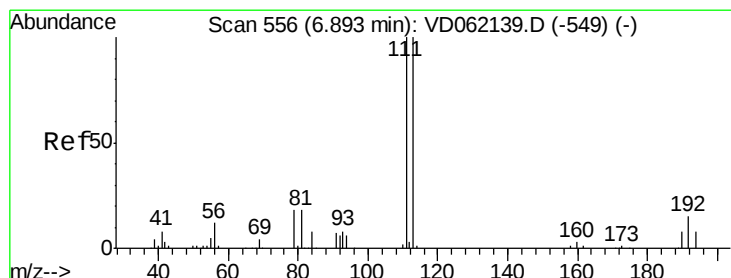
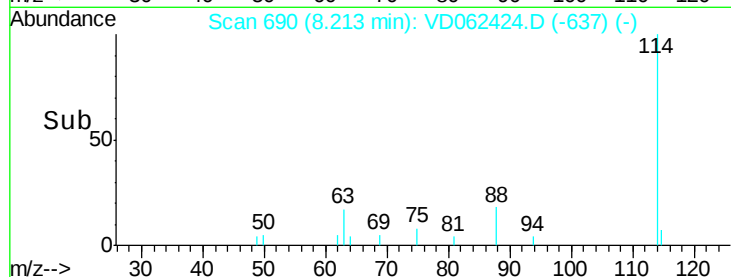
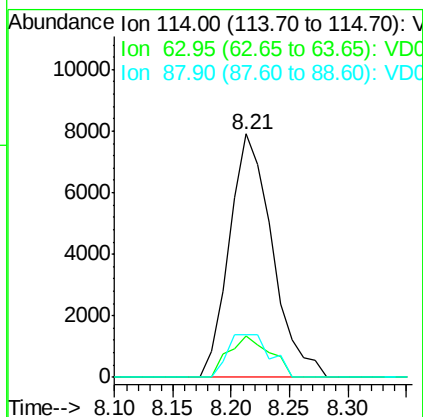
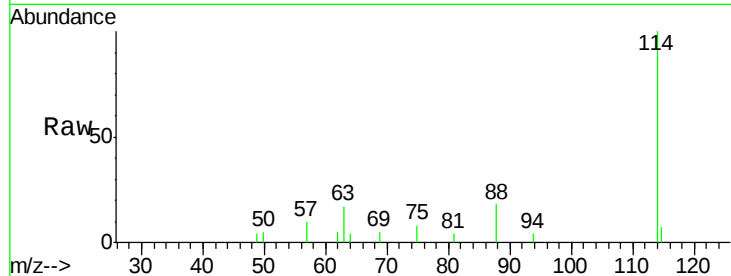




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062424.D
 Acq: 16 May 2019 18:21

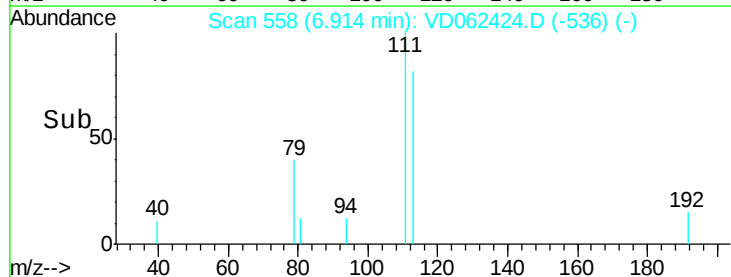
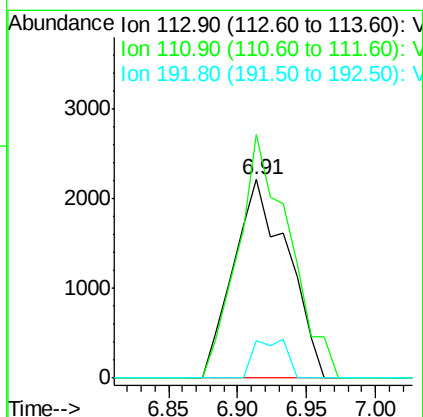
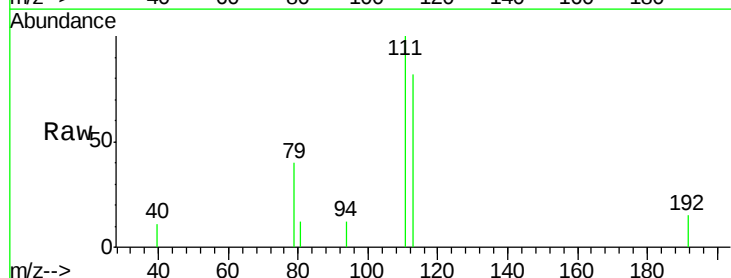
Instrument :
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 ClientSampleID :
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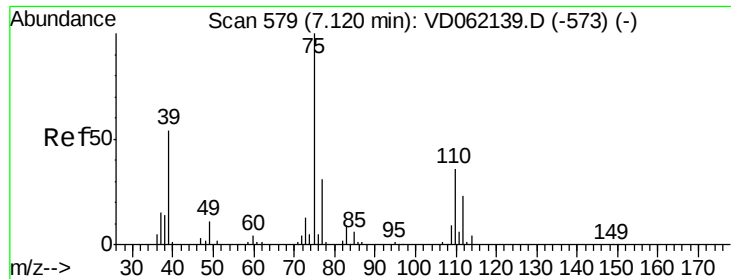
Tot Ion:114 Resp: 20160
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 32.4
 88 16.5 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 36.067 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD062424.D
 Acq: 16 May 2019 18:21

Tgt Ion:113 Resp: 6033
 Ion Ratio Lower Upper
 113 100
 111 122.6 78.5 117.7#
 192 18.9 13.0 19.4

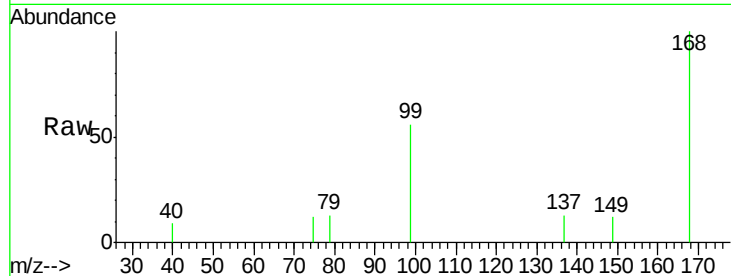




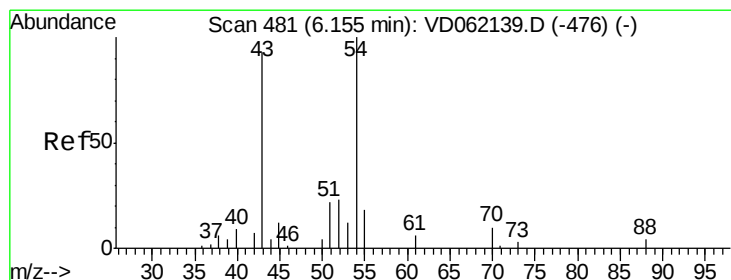
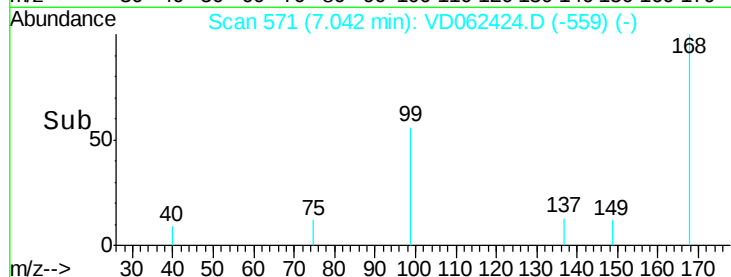
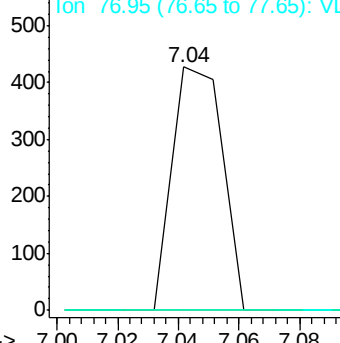
#36
 1,1-Dichloropropene
 Concen: 2.977 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD062424.D
 Acq: 16 May 2019 18:21

Instrument :
 MSVOA_D
 ClientSampled :
 11-B2

Tot Ion: 75 Resp: 492
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.1 57.1#
 77 0.0 25.6 38.4#

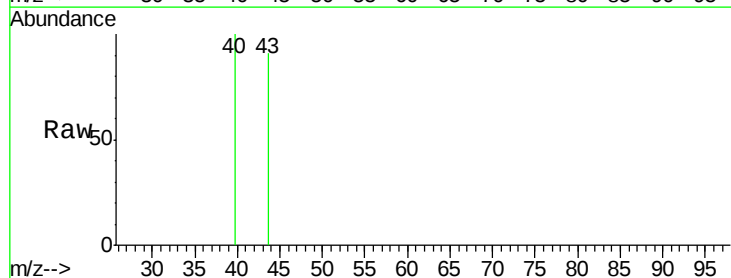


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

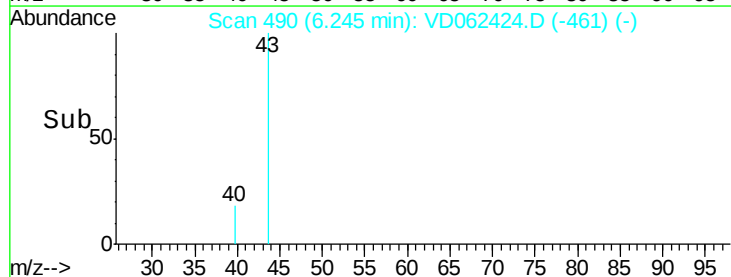
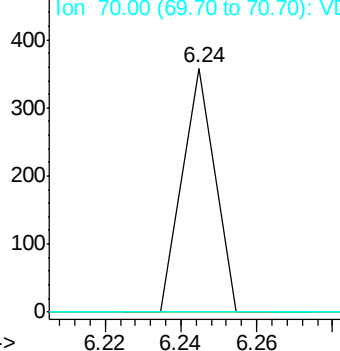


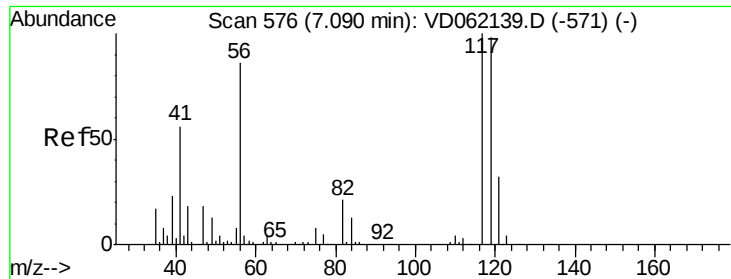
#37
 Ethyl Acetate
 Concen: 3.010 ug/l
 RT: 6.24 min Scan# 490
 Delta R.T. 0.09 min
 Lab File: VD062424.D
 Acq: 16 May 2019 18:21

Tgt Ion: 43 Resp: 211
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.7 22.1#
 70 0.0 7.8 11.6#



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: 1.403 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

11-B2

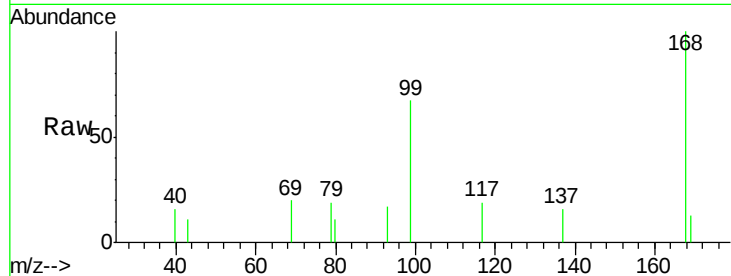
Tot Ion:117 Resp: 321

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

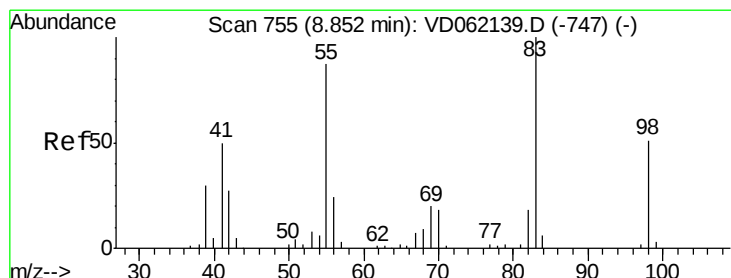
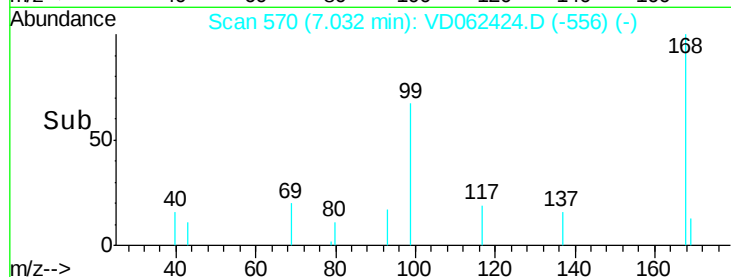
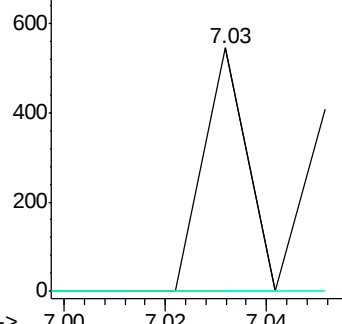
121 0.0 25.9 38.9#



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

Methylcyclohexane

Concen: 11.896 ug/l

RT: 8.87 min Scan# 757

Delta R.T. 0.02 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

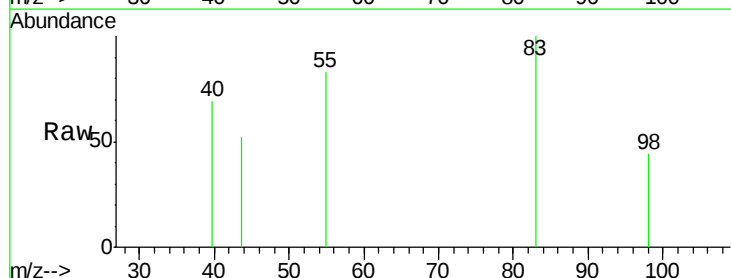
Tgt Ion: 83 Resp: 1884

Ion Ratio Lower Upper

83 100

55 83.4 68.2 102.4

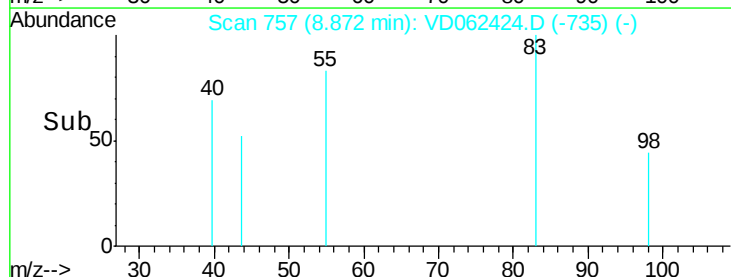
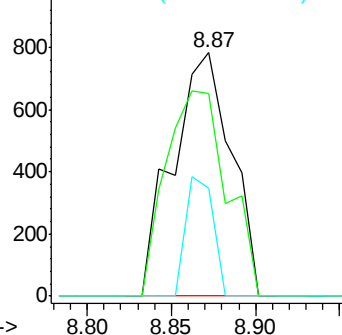
98 44.2 38.2 57.4

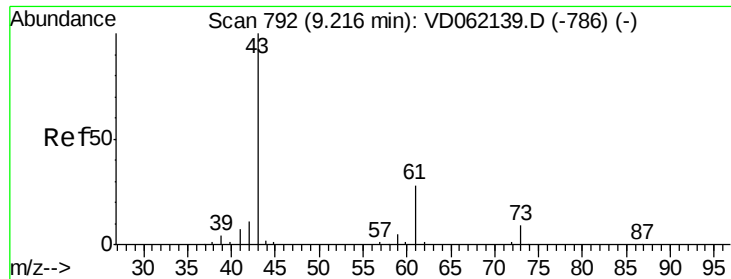


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC





#43

Isopropyl Acetate

Concen: 15.923 ug/l

RT: 9.03 min Scan# 773

Delta R.T. -0.19 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

11-B2

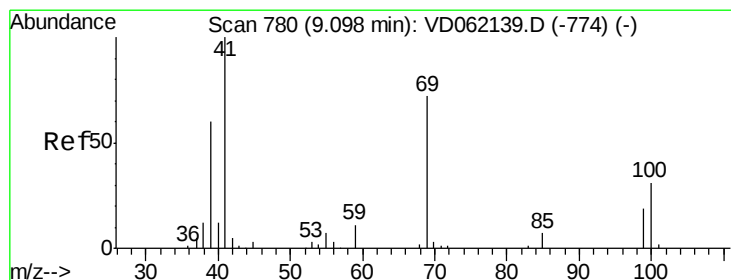
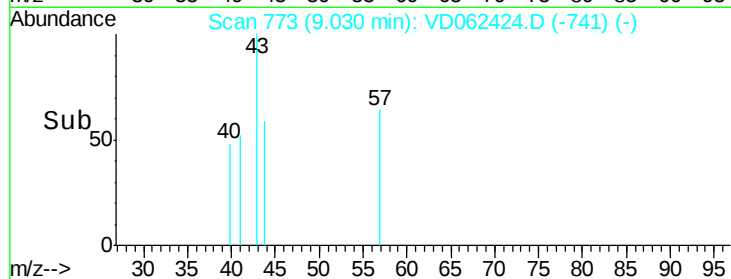
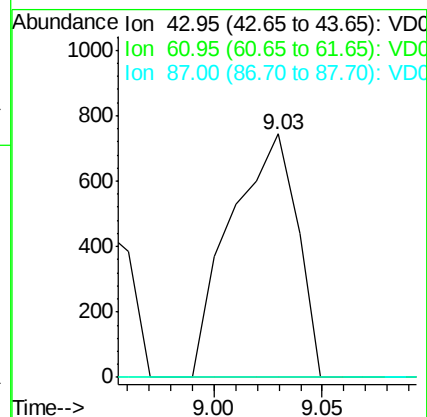
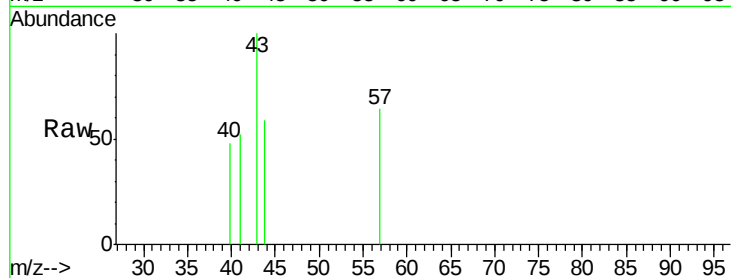
Tot Ion: 43 Resp: 1583

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

87 0.0 0.0 0.0



#48

Methyl methacrylate

Concen: 19.923 ug/l

RT: 9.01 min Scan# 771

Delta R.T. -0.09 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

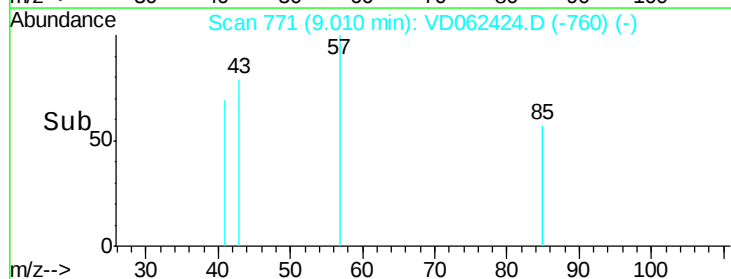
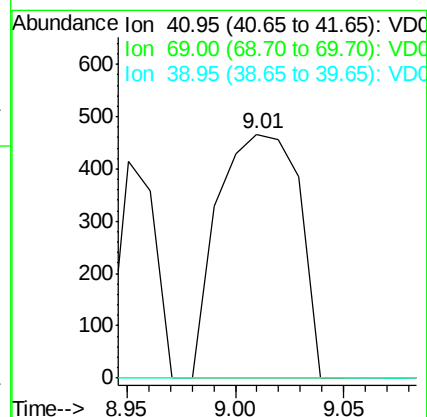
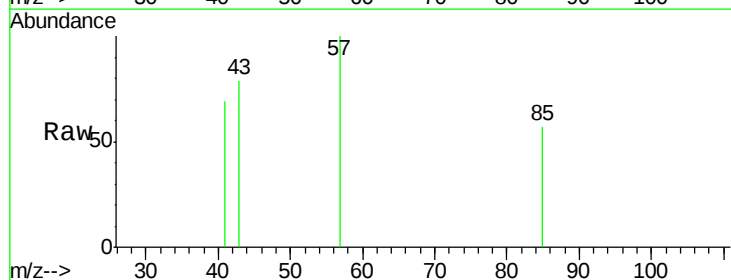
Tgt Ion: 41 Resp: 1220

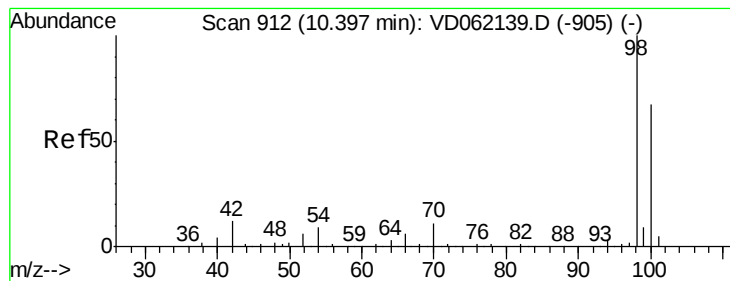
Ion Ratio Lower Upper

41 100

69 0.0 64.2 96.2#

39 0.0 46.8 70.2#





#50

Toluene-d8

Concen: 35.036 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

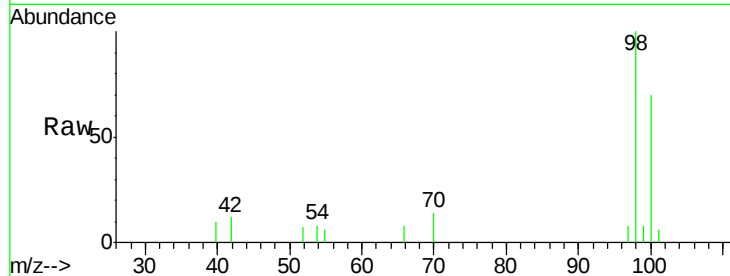
11-B2

Tot Ion: 98 Resp: 14130

Ion Ratio Lower Upper

98 100

100 69.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

6000

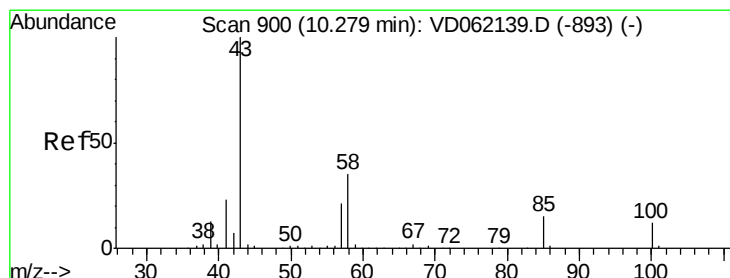
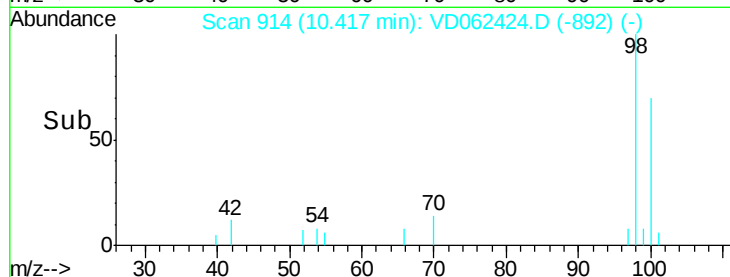
4000

2000

0

Time-->

10.35 10.40 10.45



#51

4-Methyl-2-Pentanone

Concen: 10.281 ug/l

RT: 10.35 min Scan# 907

Delta R.T. 0.07 min

Lab File: VD062424.D

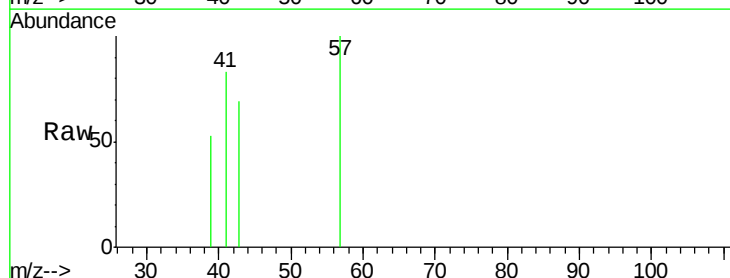
Acq: 16 May 2019 18:21

Tgt Ion: 43 Resp: 657

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.35

400

300

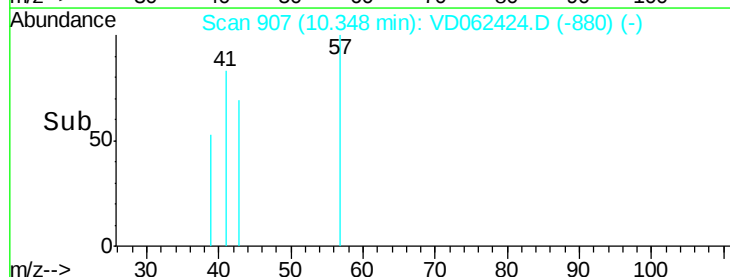
200

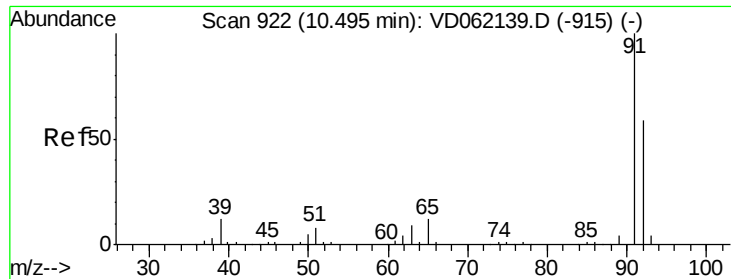
100

0

Time-->

10.30 10.35 10.40





#52

Toluene

Concen: 1.894 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

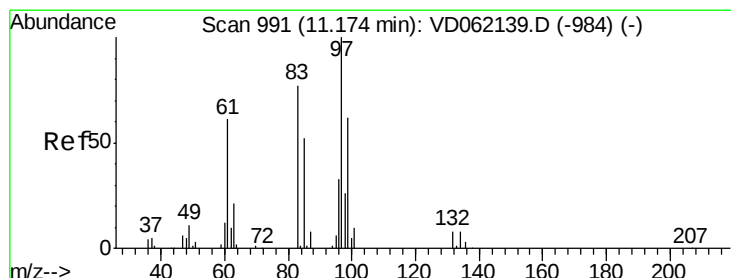
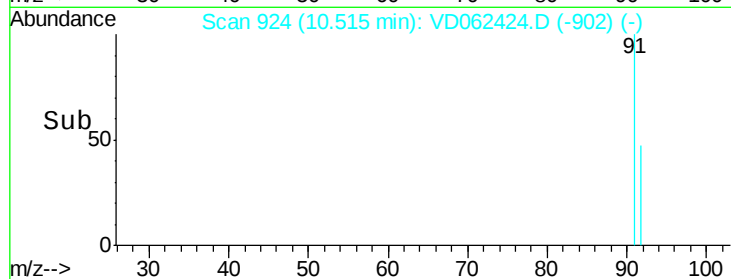
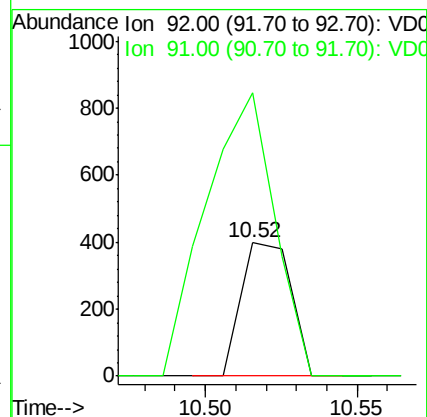
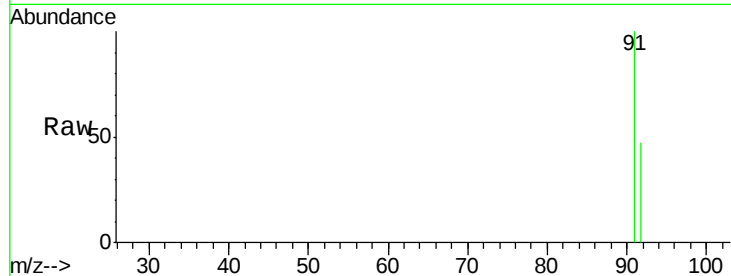
11-B2

Tot Ion: 92 Resp: 460

Ion Ratio Lower Upper

92 100

91 212.3 136.6 204.8#



#55

1,1,2-Trichloroethane

Concen: 5.307 ug/l

RT: 11.24 min Scan# 998

Delta R.T. 0.07 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Tgt Ion: 97 Resp: 456

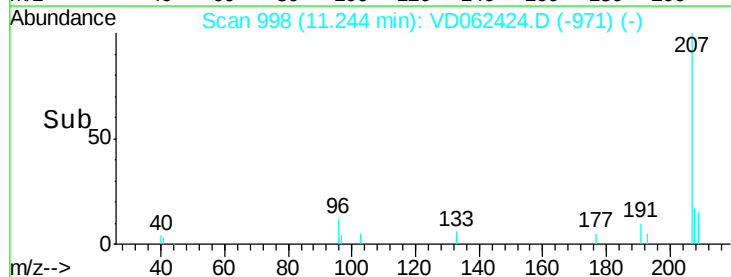
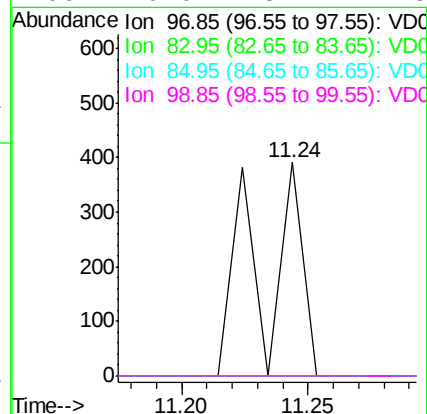
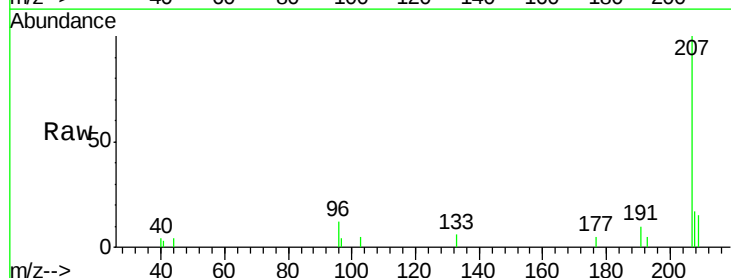
Ion Ratio Lower Upper

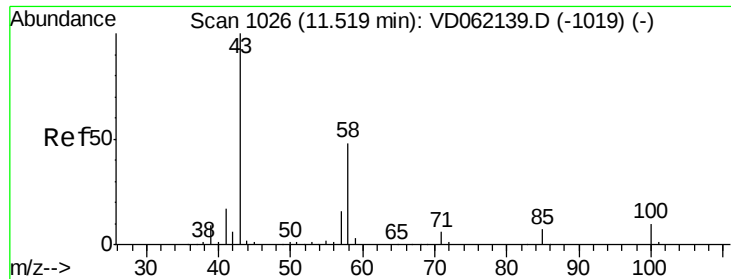
97 100

83 0.0 65.7 98.5#

85 0.0 45.6 68.4#

99 0.0 48.4 72.6#

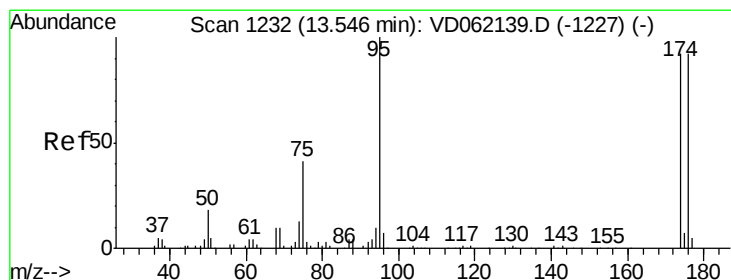
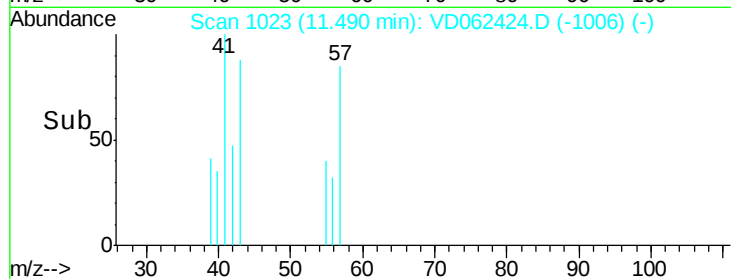
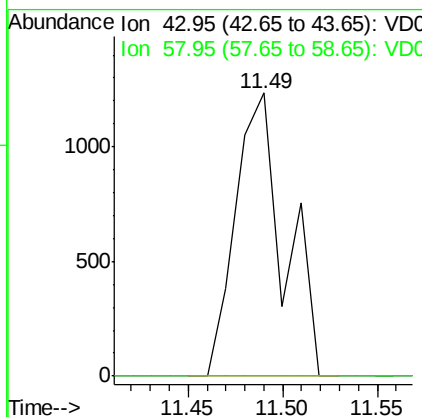
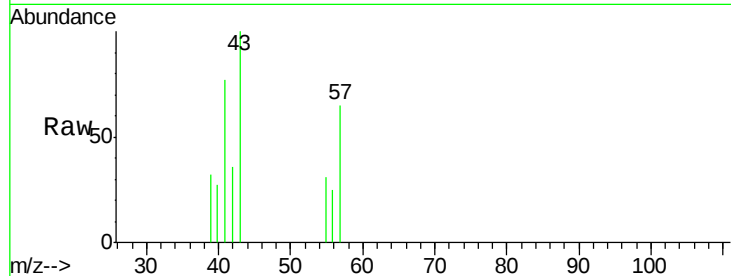




#59
2-Hexanone
Concen: 46.645 ug/l
RT: 11.49 min Scan# 1023
Delta R.T. -0.03 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

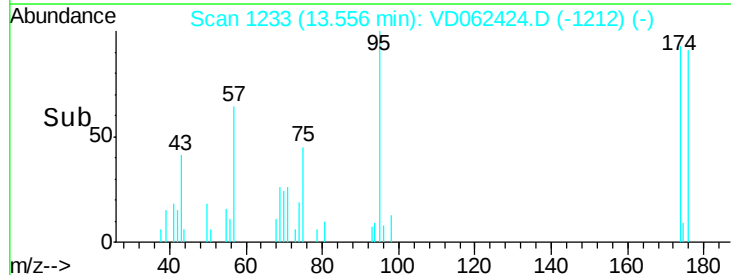
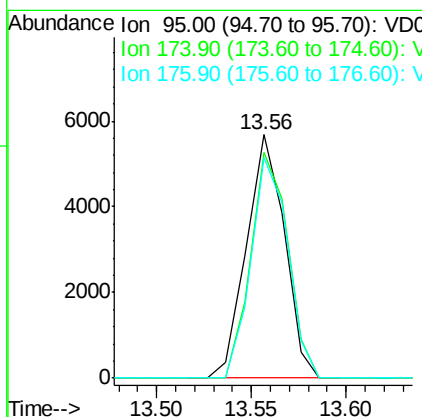
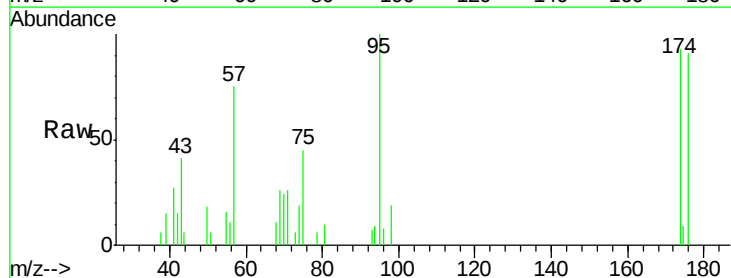
Instrument :
MSVOA_D
ClientSampled :
11-B2

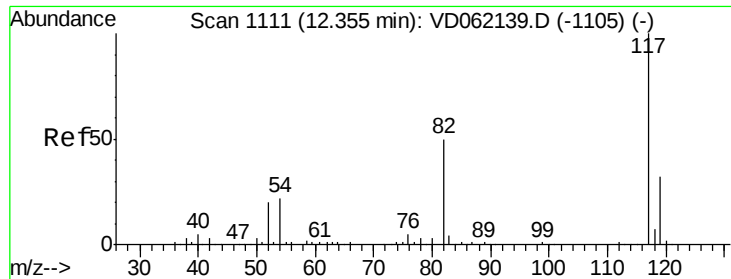
Tot Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 48.756 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

Tgt Ion: 95 Resp: 7896
Ion Ratio Lower Upper
95 100
174 92.9 0.0 181.8
176 90.8 0.0 174.4

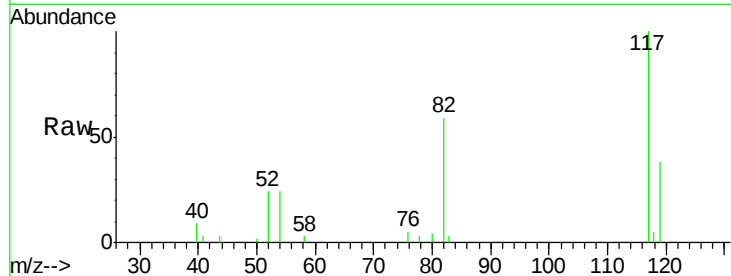




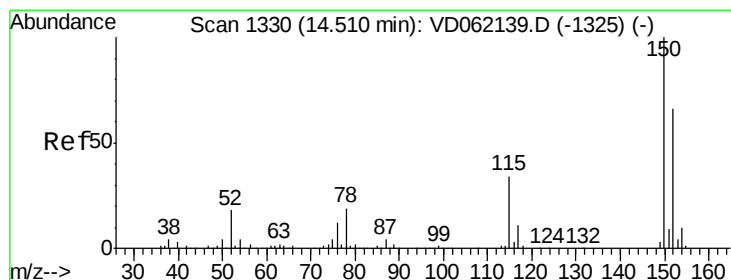
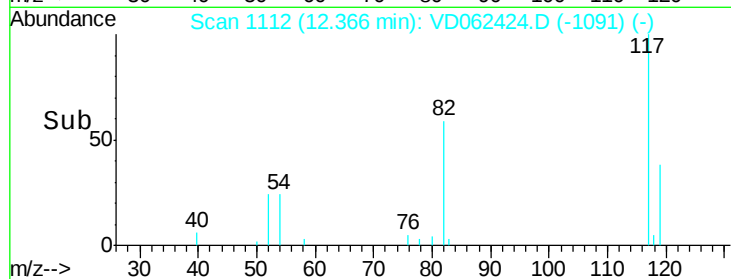
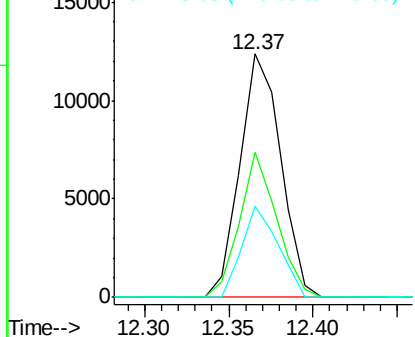
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
11-B2

Tot Ion:117 Resp: 20736
Ion Ratio Lower Upper
117 100
82 59.4 36.2 54.2#
119 37.7 26.2 39.4

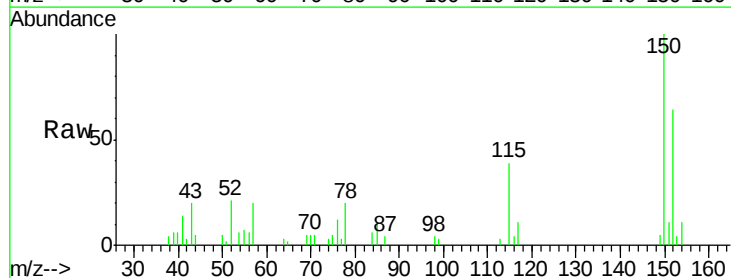


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

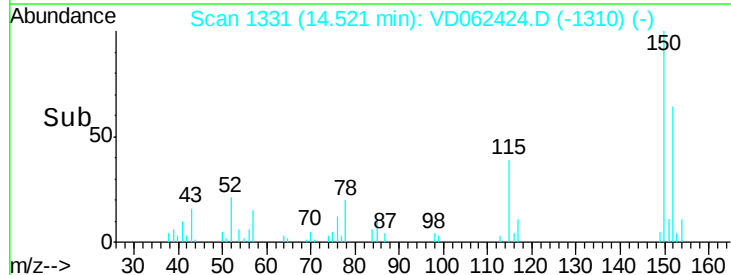
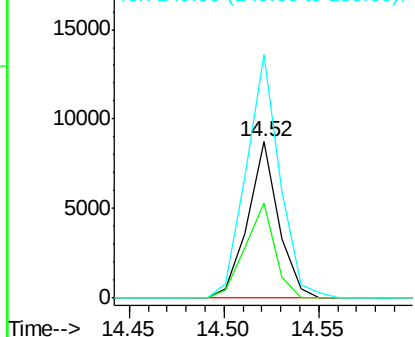


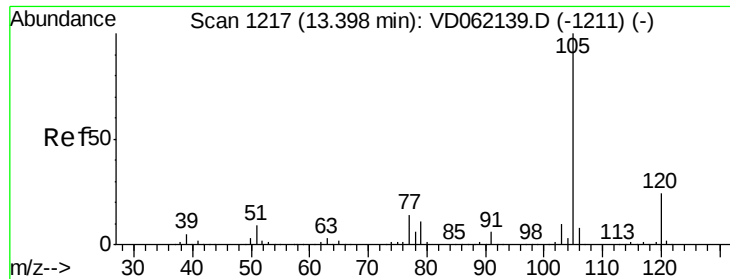
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

Tgt Ion:152 Resp: 9832
Ion Ratio Lower Upper
152 100
115 61.2 30.9 92.7
150 155.6 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: 1.016 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

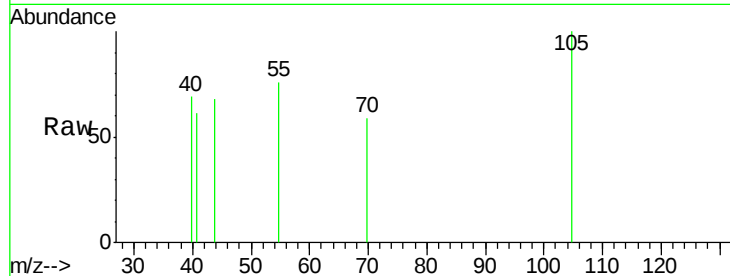
11-B2

Tot Ion:105 Resp: 599

Ion Ratio Lower Upper

105 100

120 0.0 12.0 36.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

600

500

400

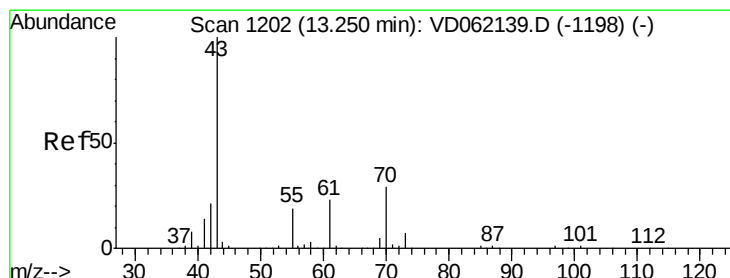
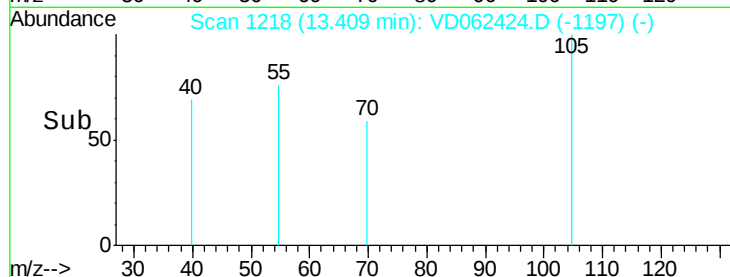
300

200

100

0

Time-->



#74

N-ethyl acetate

Concen: 21.195 ug/l

RT: 13.22 min Scan# 1199

Delta R.T. -0.03 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Tgt Ion: 43 Resp: 3275

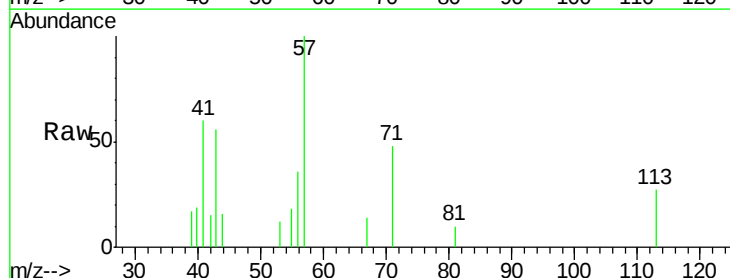
Ion Ratio Lower Upper

43 100

70 0.0 24.2 36.4#

55 32.6 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

2500

2000

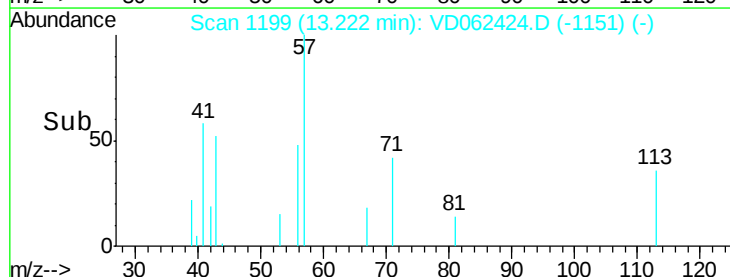
1500

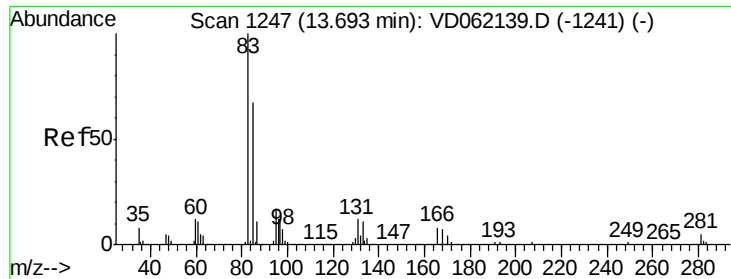
1000

500

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.864 ug/l

RT: 13.66 min Scan# 1244

Delta R.T. -0.03 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

11-B2

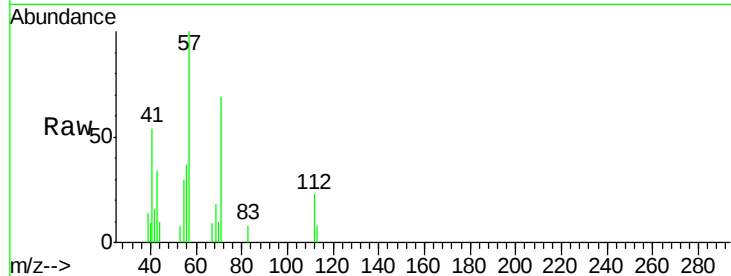
Tot Ion: 83 Resp: 208

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

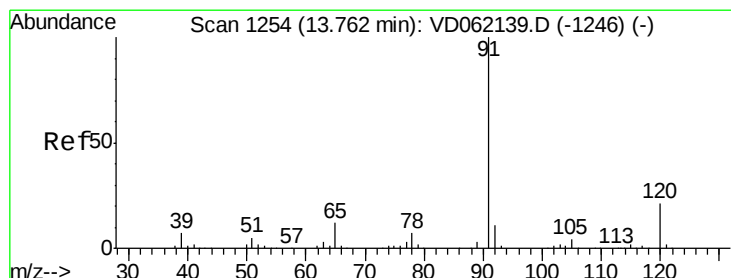
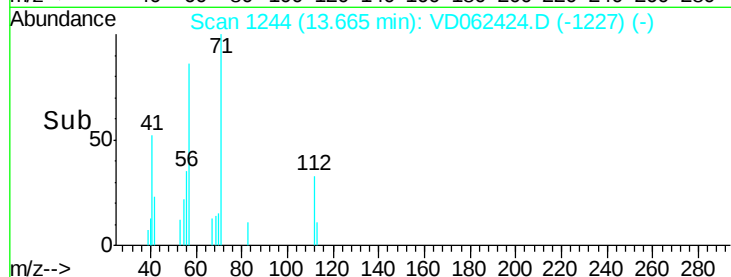
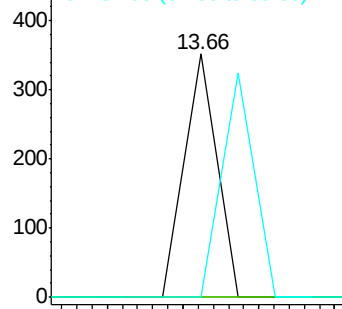
85 0.0 32.6 97.7#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#78

n-propylbenzene

Concen: 4.341 ug/l

RT: 13.77 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD062424.D

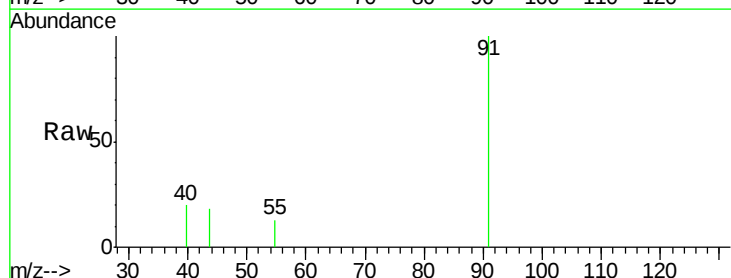
Acq: 16 May 2019 18:21

Tgt Ion: 91 Resp: 3052

Ion Ratio Lower Upper

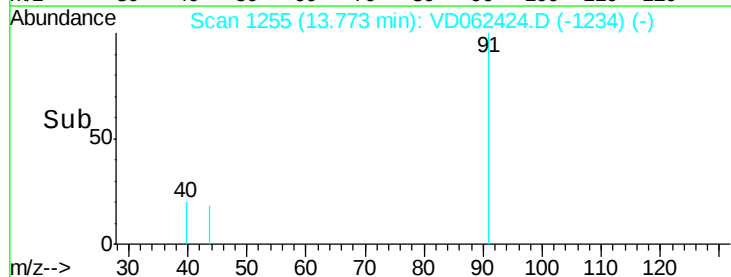
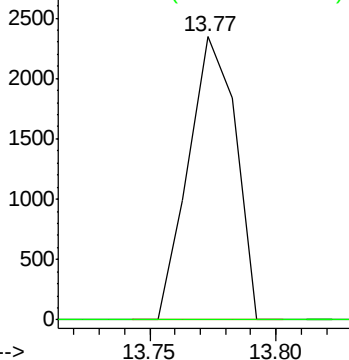
91 100

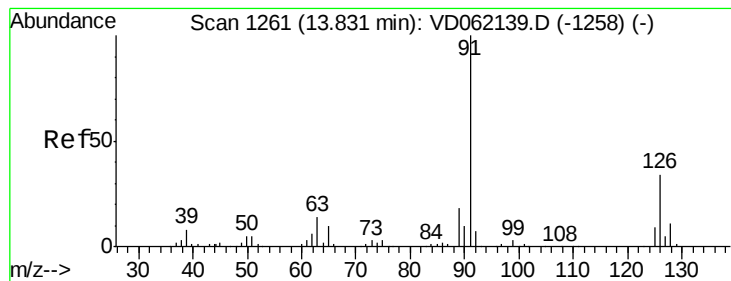
120 0.0 11.1 33.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC





#79

2-Chlorotoluene

Concen: 7.580 ug/l

RT: 13.77 min Scan# 1255

Delta R.T. -0.06 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampled :

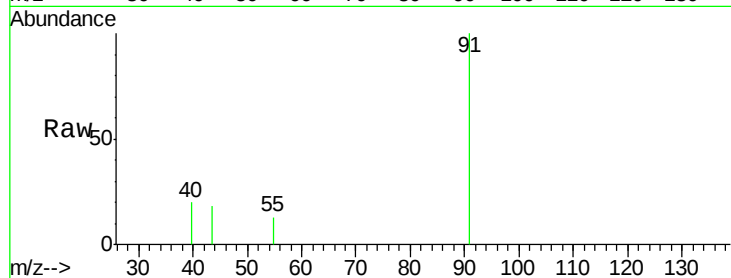
11-B2

Tot Ion: 91 Resp: 3052

Ion Ratio Lower Upper

91 100

126 0.0 18.6 55.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC

2500

2000

1500

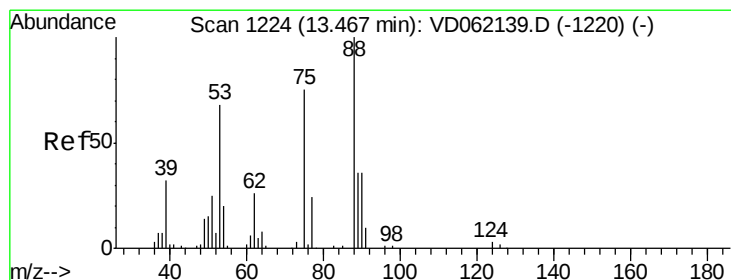
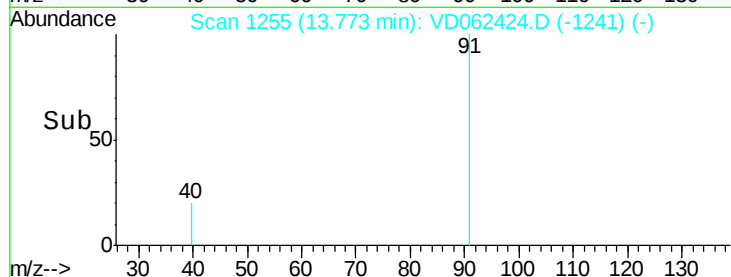
1000

500

0

13.75 13.80

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 106.317 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

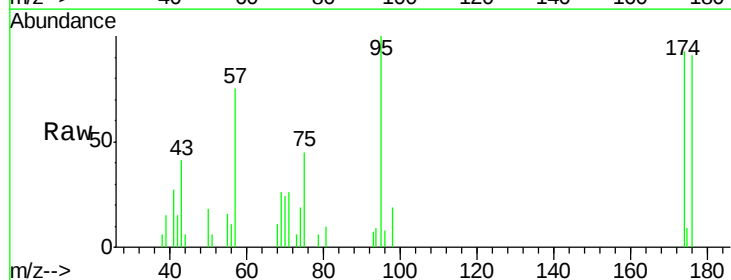
Tgt Ion: 75 Resp: 3507

Ion Ratio Lower Upper

75 100

53 0.0 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

3000

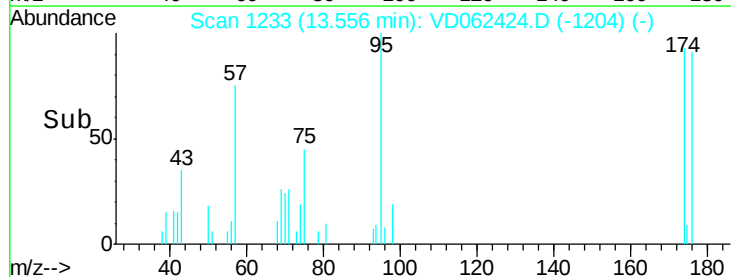
2000

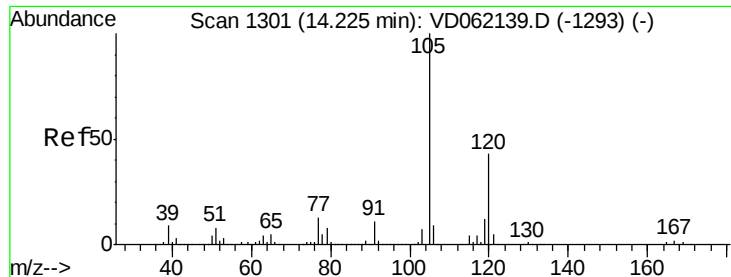
1000

0

13.55 13.60

Time-->

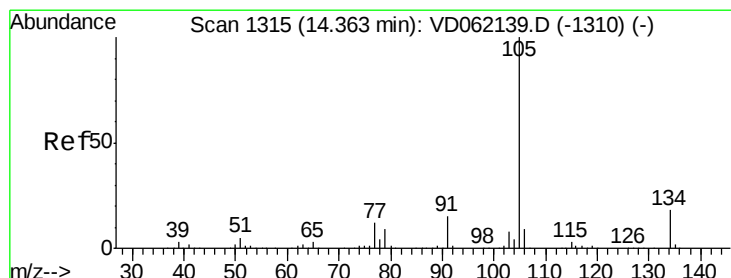
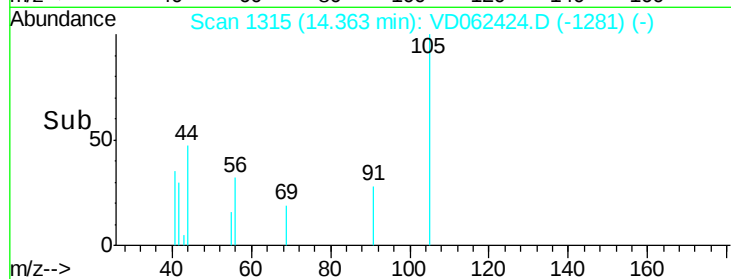
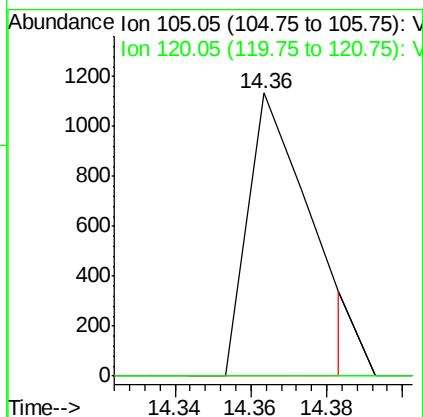
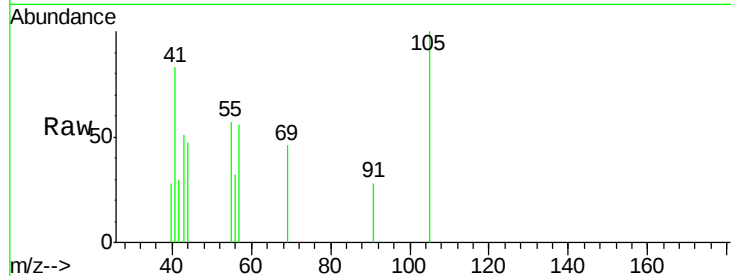




#84
 1,2,4-Trimethylbenzene
 Concen: 2.634 ug/l
 RT: 14.36 min Scan# 1315
 Delta R.T. 0.14 min
 Lab File: VD062424.D
 Acq: 16 May 2019 18:21

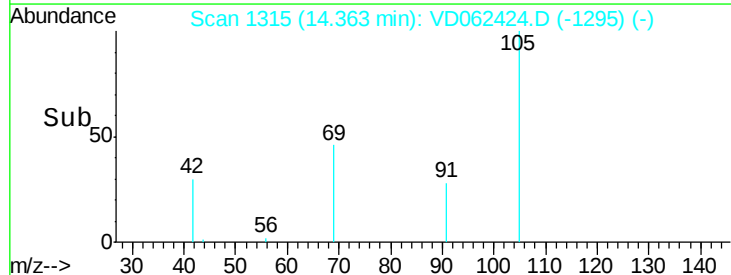
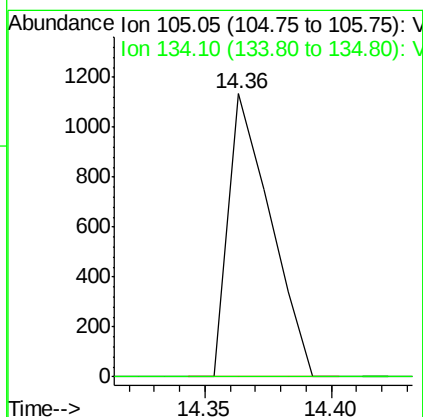
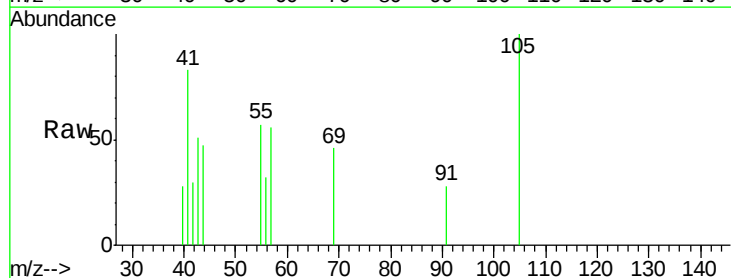
Instrument :
 MSVOA_D
 ClientSampleId :
 11-B2

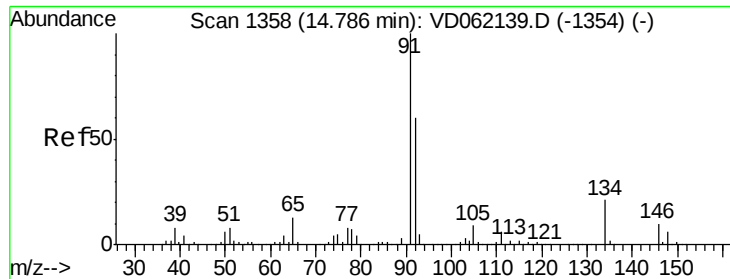
Tot Ion:105 Resp: 1312
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 69.2#



#85
 sec-Butylbenzene
 Concen: 2.145 ug/l
 RT: 14.36 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD062424.D
 Acq: 16 May 2019 18:21

Tgt Ion:105 Resp: 1312
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.9 26.7#





#89

n-Butylbenzene

Concen: 6.058 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD062424.D

Acq: 16 May 2019 18:21

Instrument :

MSVOA_D

ClientSampled :

11-B2

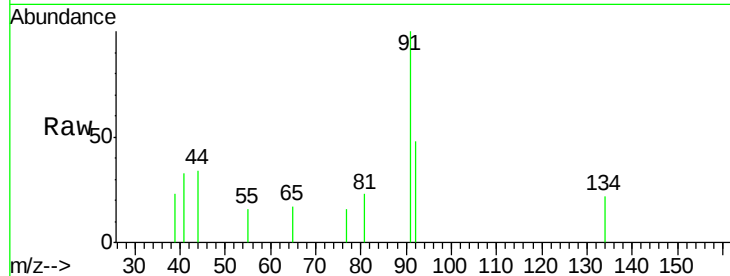
Tot Ion: 91 Resp: 2971

Ion Ratio Lower Upper

91 100

92 48.1 30.3 91.0

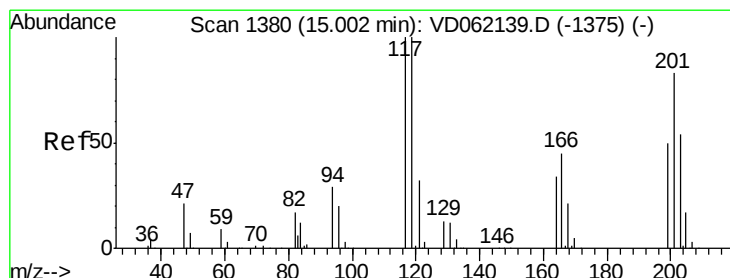
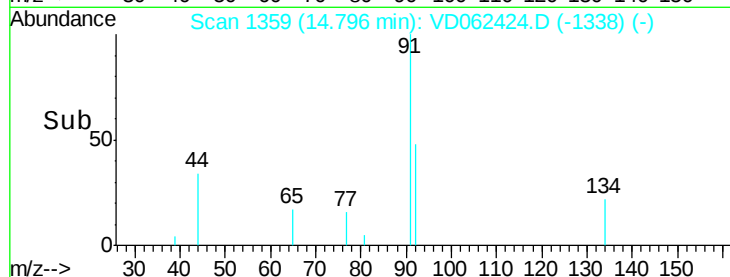
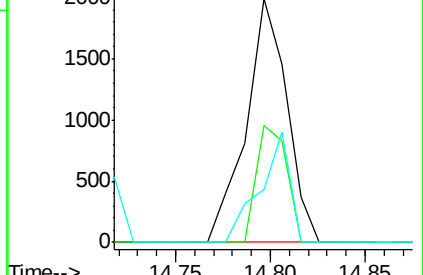
134 21.6 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 5.047 ug/l

RT: 15.05 min Scan# 1385

Delta R.T. 0.05 min

Lab File: VD062424.D

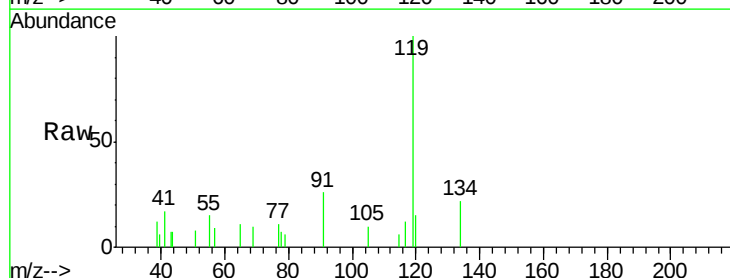
Acq: 16 May 2019 18:21

Tgt Ion: 117 Resp: 750

Ion Ratio Lower Upper

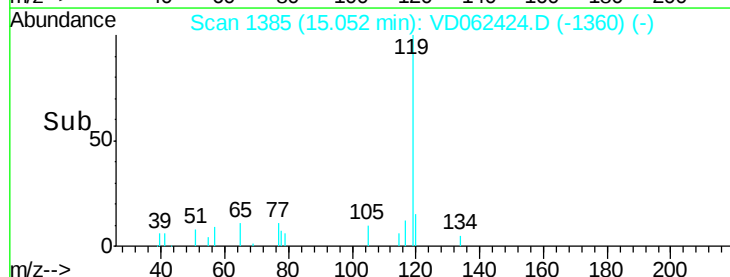
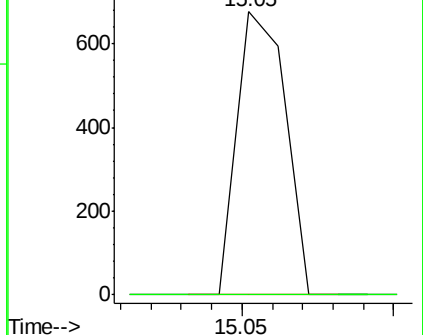
117 100

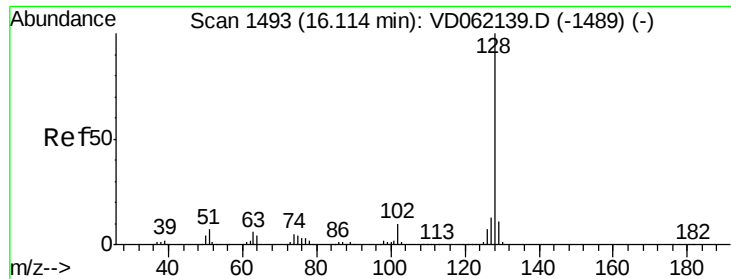
201 0.0 30.2 90.6#



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#95
Naphthalene
Concen: 5.551 ug/l
RT: 16.12 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062424.D
Acq: 16 May 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
11-B2

Tot Ion:128 Resp: 1400
Ion Ratio Lower Upper
128 100
127 0.0 9.8 14.8#
129 0.0 8.8 13.2#

