

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062451.D
 Acq On : 17 May 2019 21:08
 Operator : FY/SY
 Sample : K2871-01
 Misc : 6.06g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:06:39 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	7.04	168	12221	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	18998	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	14077	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	5748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	9193	80.94	ug/l	0.04
Spiked Amount	50.000		Recovery	=	161.88%	
35) Dibromofluoromethane	6.93	113	5918	37.54	ug/l	0.04
Spiked Amount	50.000		Recovery	=	75.08%	
50) Toluene-d8	10.41	98	12564	33.06	ug/l	0.02
Spiked Amount	50.000		Recovery	=	66.12%	
62) 4-Bromofluorobenzene	13.55	95	5602	36.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.42%	

Target Compounds

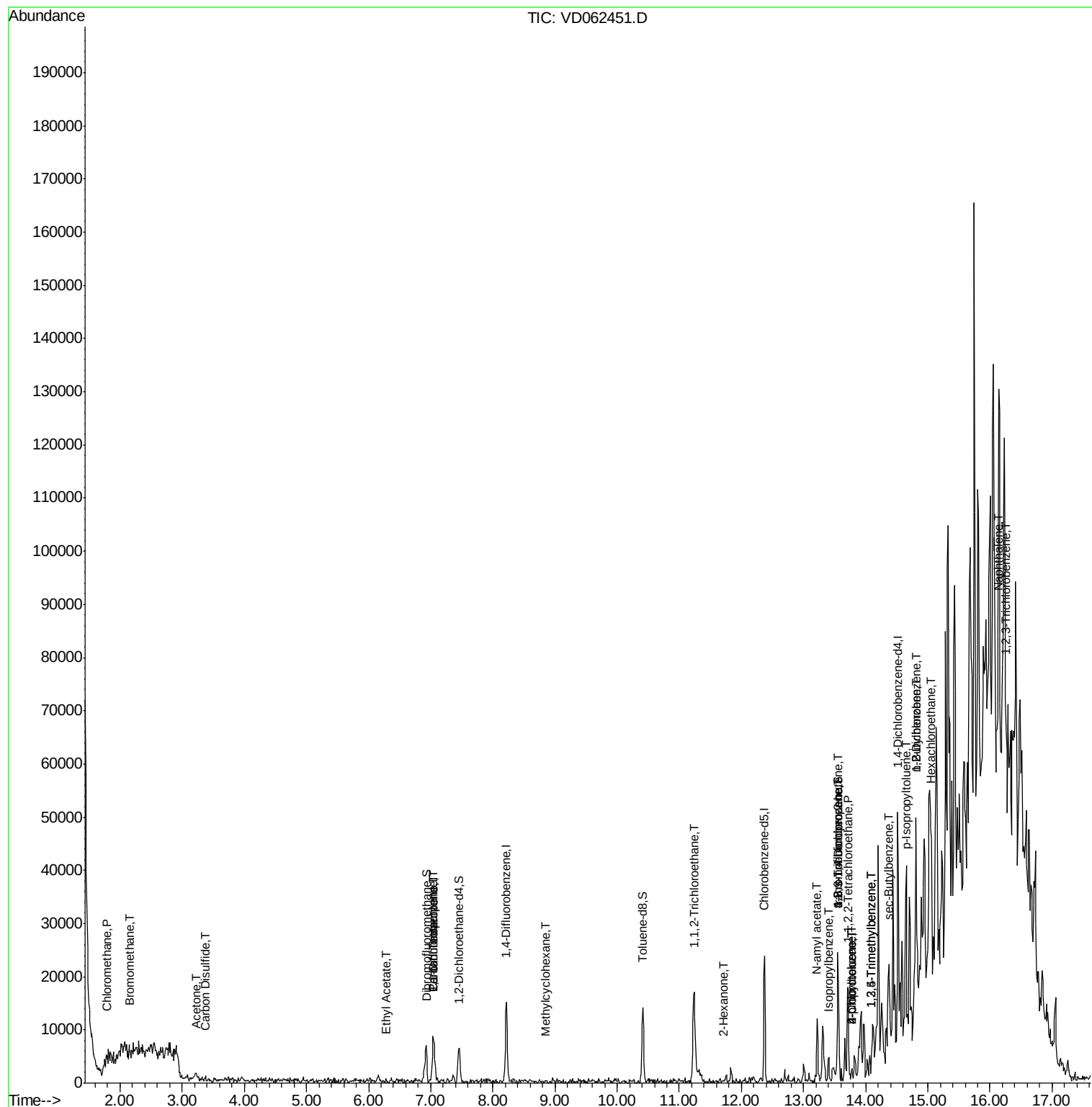
						Qvalue
3) Chloromethane	1.79	50	179	2.119	ug/l #	43
5) Bromomethane	2.17	94	1151	59.181	ug/l #	12
16) Acetone	3.22	43	2553	107.192	ug/l #	50
17) Carbon Disulfide	3.38	76	425	1.585	ug/l #	75
36) 1,1-Dichloropropene	7.05	75	221	1.419	ug/l #	40
37) Ethyl Acetate	6.27	43	225	3.406	ug/l #	64
38) Carbon Tetrachloride	7.04	117	476	2.208	ug/l #	12
39) Methylcyclohexane	8.86	83	244	1.635	ug/l #	15
55) 1,1,2-Trichloroethane	11.23	97	193	2.383	ug/l #	16
59) 2-Hexanone	11.70	43	185	4.168	ug/l #	27
73) Isopropylbenzene	13.40	105	1745	5.065	ug/l	89
74) N-amyl acetate	13.22	43	1496	16.561	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	13.72	83	627	9.612	ug/l #	25
76) 1,2,3-Trichloropropane	13.56	75	1798	26.321	ug/l #	42
78) n-propylbenzene	13.78	91	2647	6.440	ug/l #	54
79) 2-Chlorotoluene	13.78	91	2647	11.245	ug/l #	38
80) 1,3,5-Trimethylbenzene	14.08	105	829	2.857	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.56	75	2031	105.318	ug/l #	16
82) 4-Chlorotoluene	13.78	91	2447	8.834	ug/l #	37
84) 1,2,4-Trimethylbenzene	14.08	105	830	2.851	ug/l #	30
85) sec-Butylbenzene	14.37	105	3350	9.369	ug/l	83
86) p-Isopropyltoluene	14.63	119	366	1.146	ug/l #	15
89) n-Butylbenzene	14.80	91	4454	15.533	ug/l	85
90) Hexachloroethane	15.06	117	938	10.797	ug/l #	20
91) 1,2-Dichlorobenzene	14.81	146	455	3.136	ug/l #	1
95) Naphthalene	16.12	128	1488	10.091	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.26	180	834	12.559	ug/l #	1

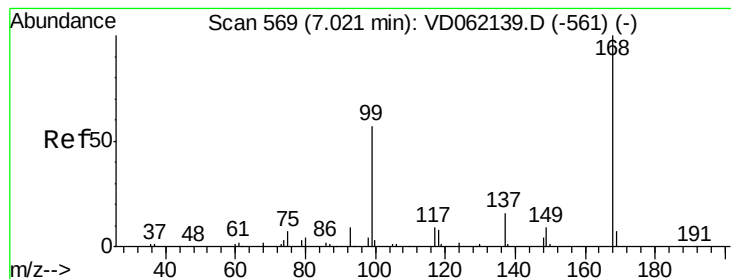
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

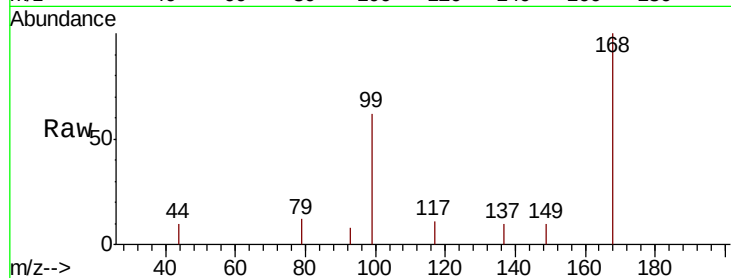
ClientSampleId :

Tot Ion:168 Resp: 12221

Ion Ratio Lower Upper

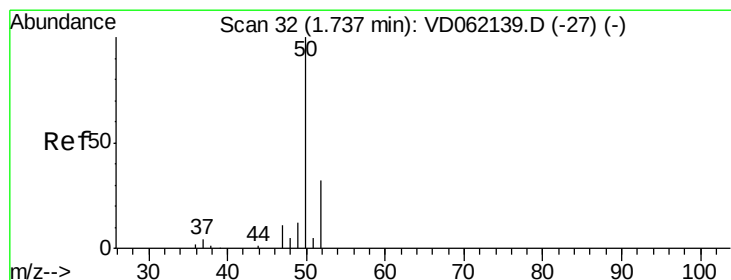
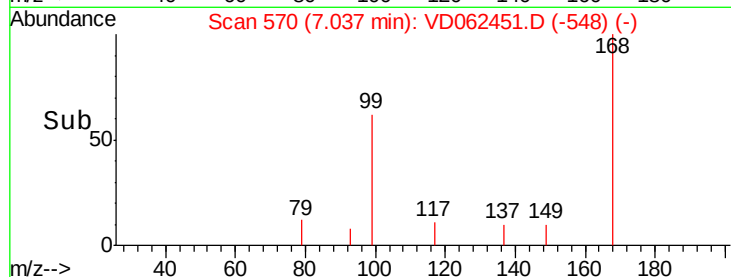
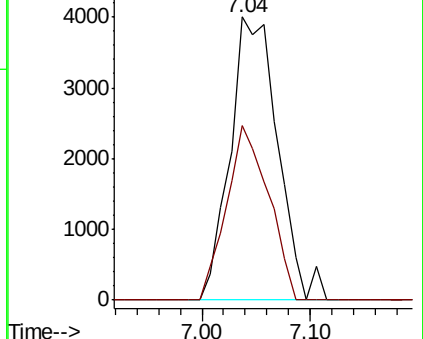
168 100

99 61.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 2.119 ug/l

RT: 1.79 min Scan# 37

Delta R.T. 0.06 min

Lab File: VD062451.D

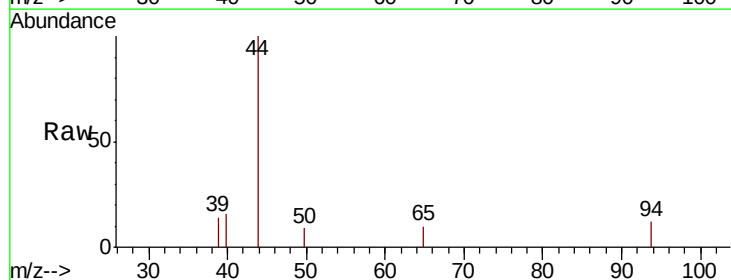
Acq: 17 May 2019 21:08

Tgt Ion: 50 Resp: 179

Ion Ratio Lower Upper

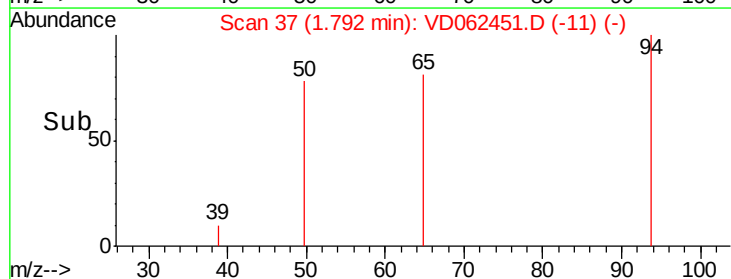
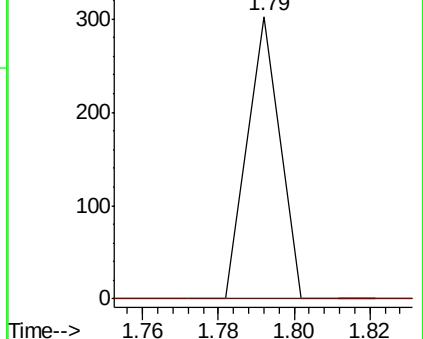
50 100

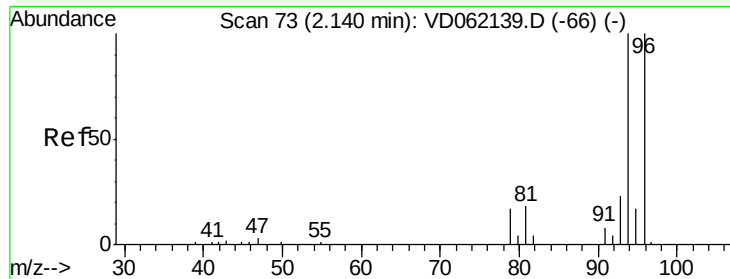
52 0.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 59.181 ug/l

RT: 2.17 min Scan# 75

Delta R.T. 0.03 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

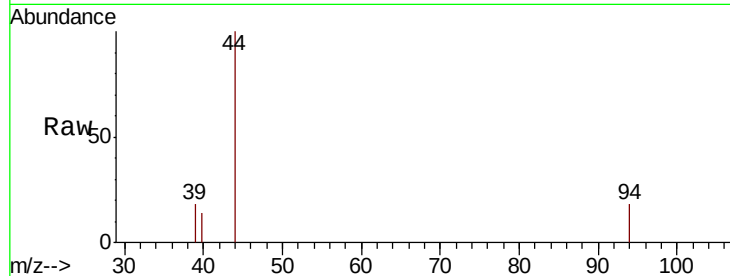
Tot Ion: 94 Resp: 1151

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 18.5 27.7#

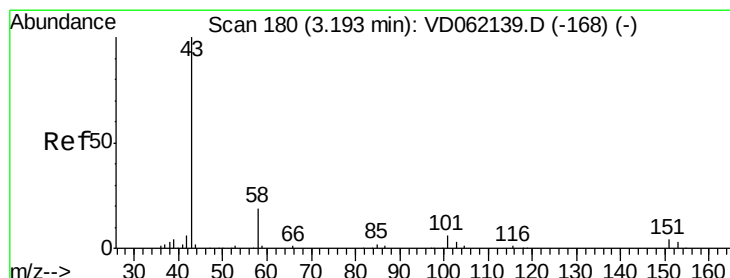
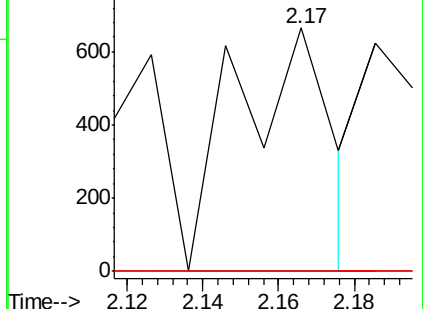
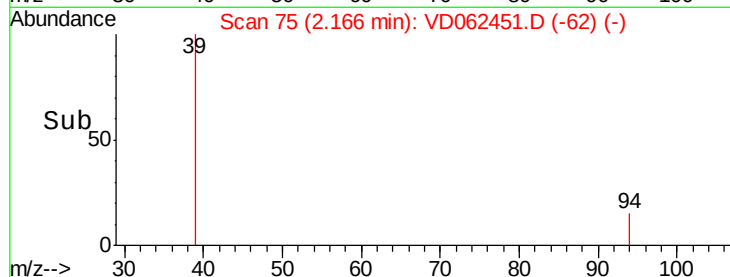


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

Time-->



#16

Acetone

Concen: 107.192 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD062451.D

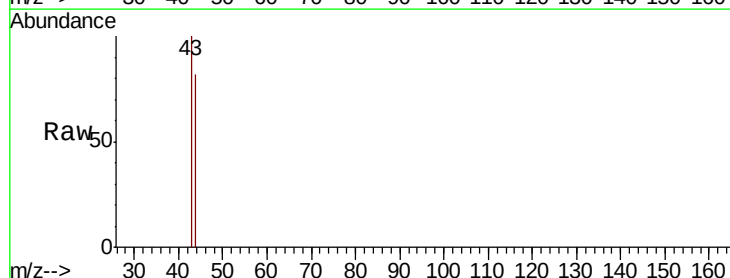
Acq: 17 May 2019 21:08

Tgt Ion: 43 Resp: 2553

Ion Ratio Lower Upper

43 100

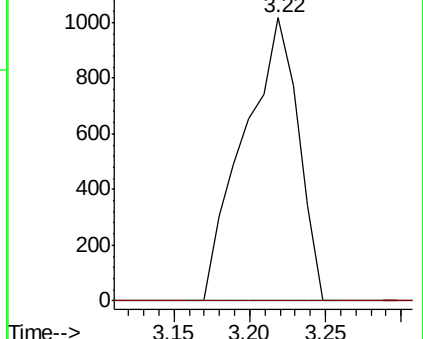
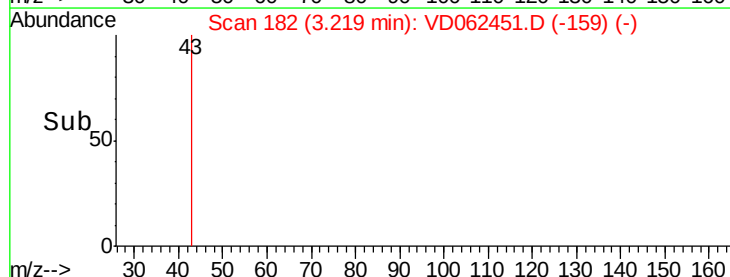
58 0.0 19.9 29.9#

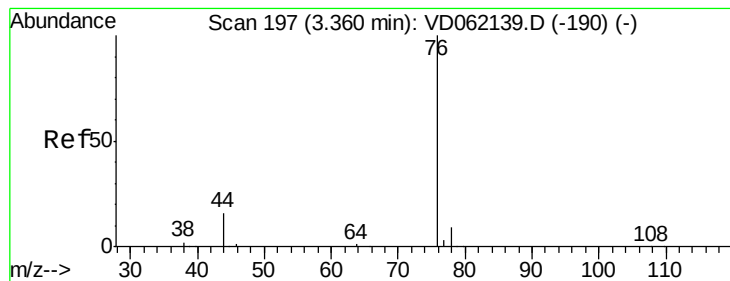


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

Time-->





#17

Carbon Disulfide

Concen: 1.585 ug/l

RT: 3.38 min Scan# 198

Delta R.T. 0.02 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

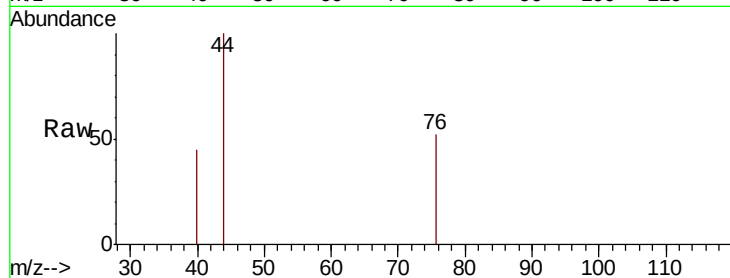
ClientSampleId :

Tot Ion: 76 Resp: 425

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.38

400

300

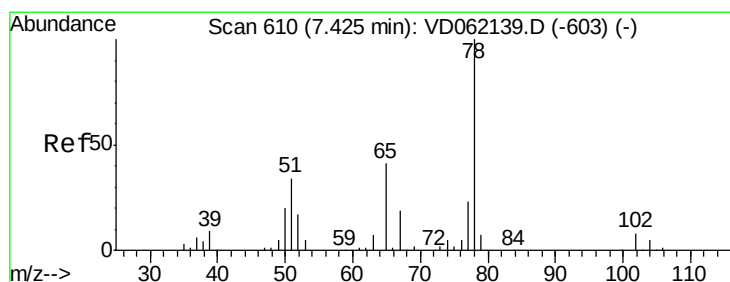
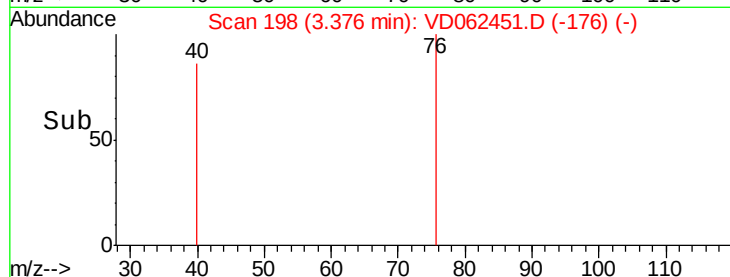
200

100

0

3.34 3.36 3.38 3.40

Time-->



#33

1,2-Dichloroethane-d4

Concen: 80.945 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.04 min

Lab File: VD062451.D

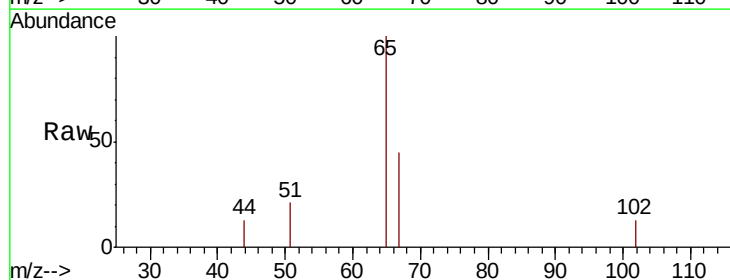
Acq: 17 May 2019 21:08

Tgt Ion: 65 Resp: 9193

Ion Ratio Lower Upper

65 100

67 45.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

4000

3000

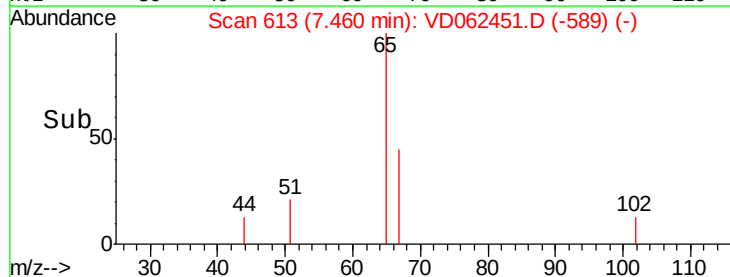
2000

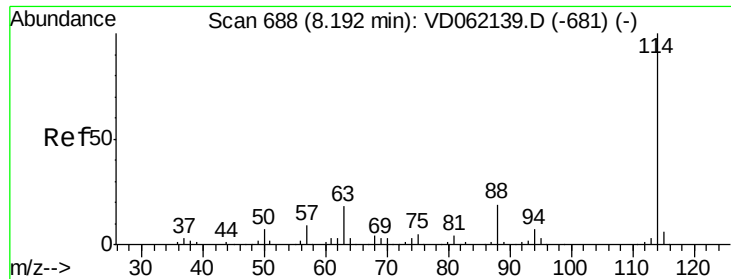
1000

0

7.35 7.40 7.45 7.50

Time-->

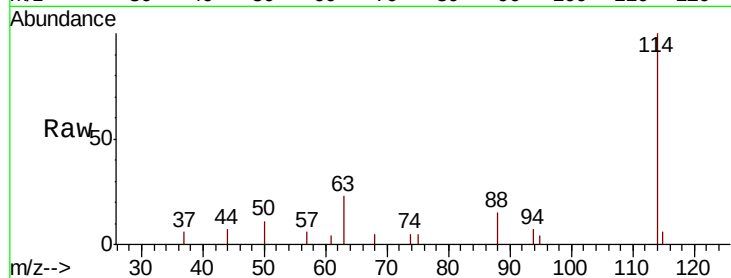




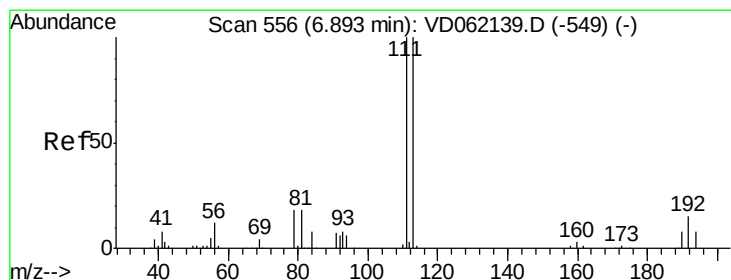
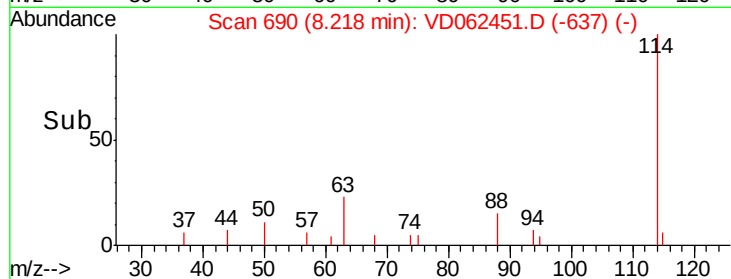
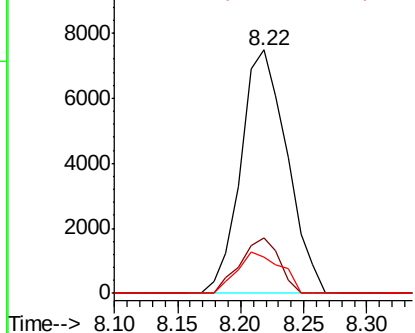
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 18998
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 32.4
 88 14.9 0.0 33.6

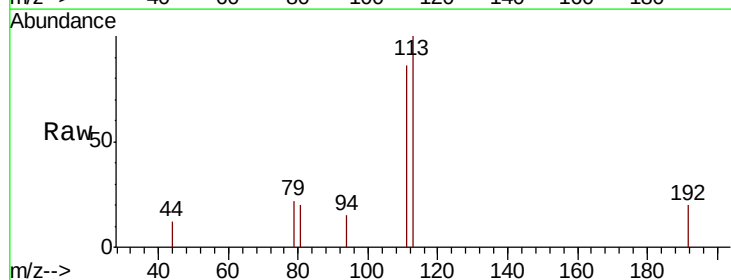


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

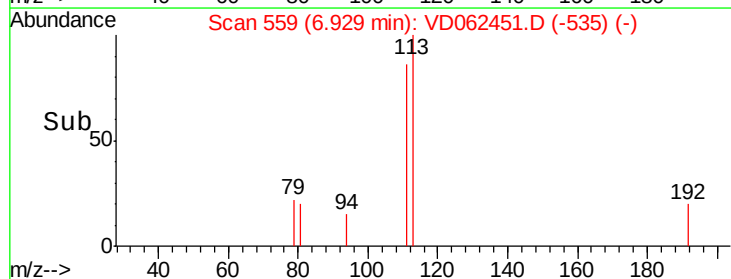
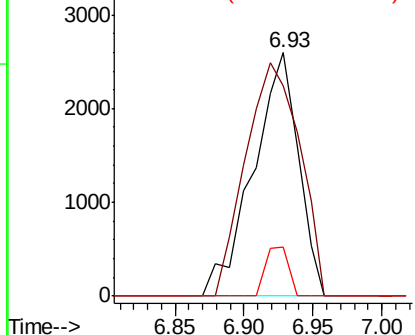


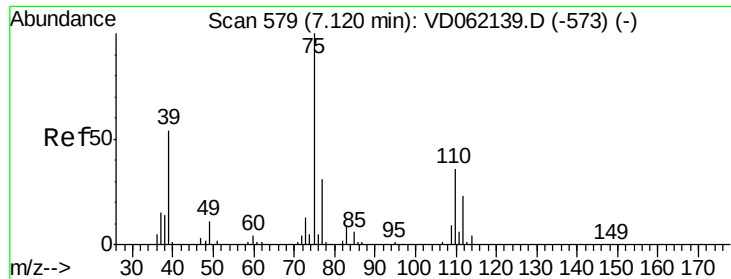
#35
 Dibromofluoromethane
 Concen: 37.544 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.04 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

Tgt Ion:113 Resp: 5918
 Ion Ratio Lower Upper
 113 100
 111 86.4 78.5 117.7
 192 20.0 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

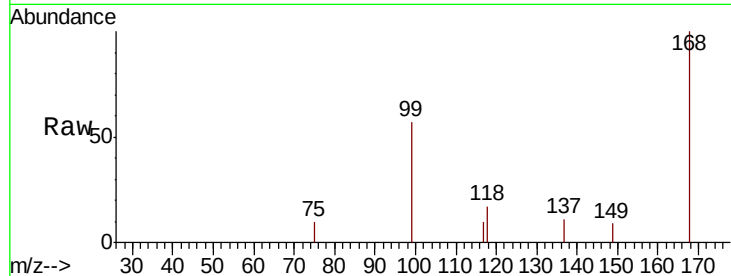




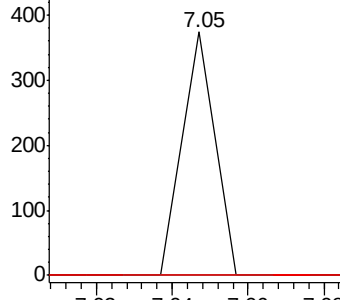
#36
 1,1-Dichloropropene
 Concen: 1.419 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

Instrument :
 MSVOA_D
 ClientSampleId :

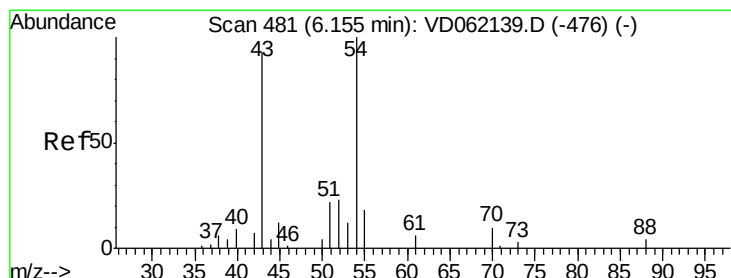
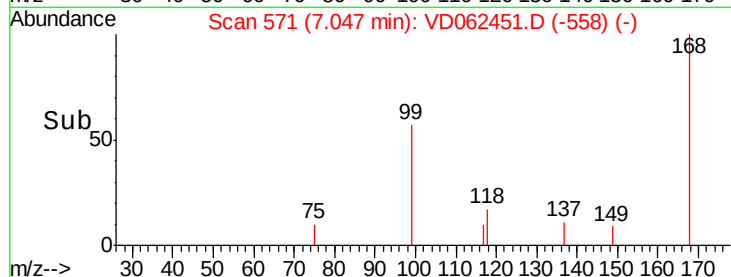
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.1#
77	0.0	25.6	38.4#



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

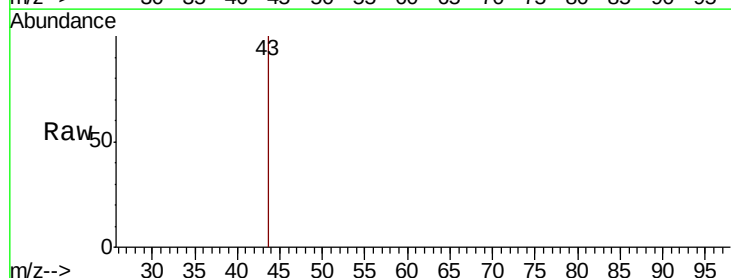


Time-->

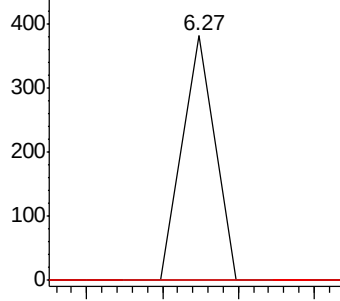


#37
 Ethyl Acetate
 Concen: 3.406 ug/l
 RT: 6.27 min Scan# 492
 Delta R.T. 0.11 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

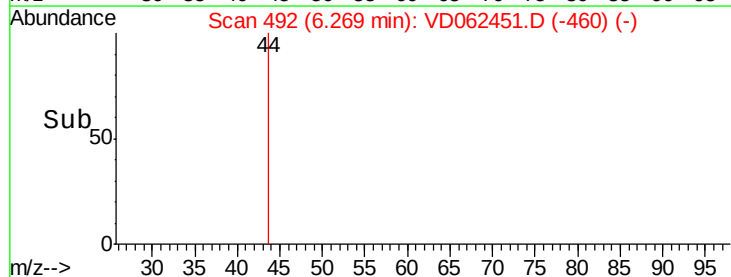
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.7	22.1#
70	0.0	7.8	11.6#

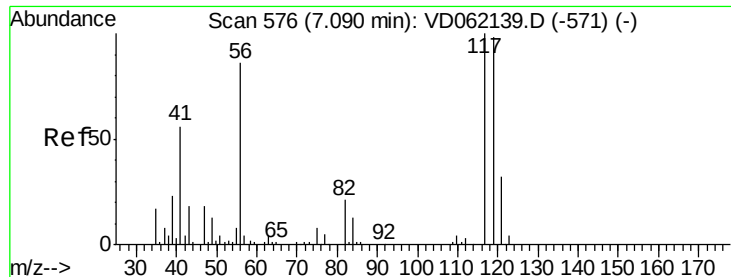


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 70.00 (69.70 to 70.70): VDC



Time-->





#38

Carbon Tetrachloride

Concen: 2.208 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

ClientSampled :

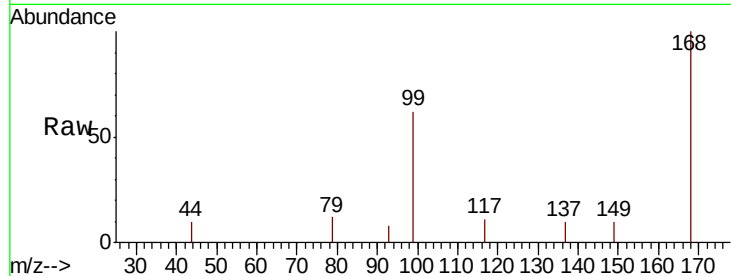
Tot Ion:117 Resp: 476

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

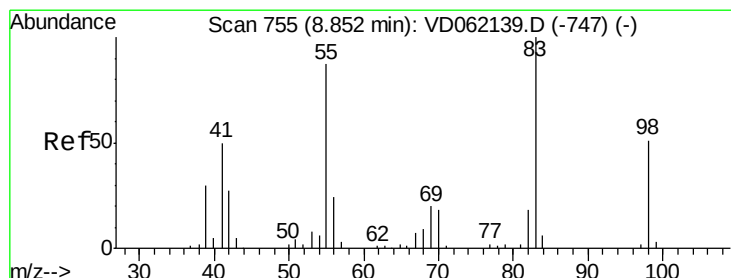
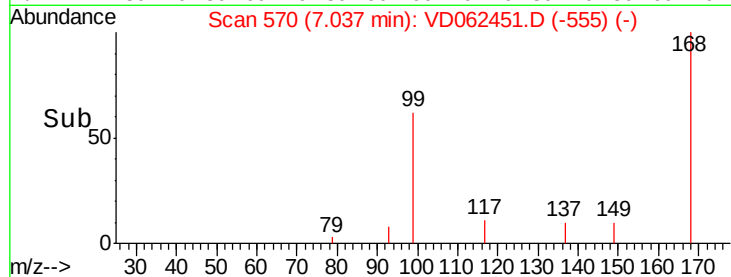
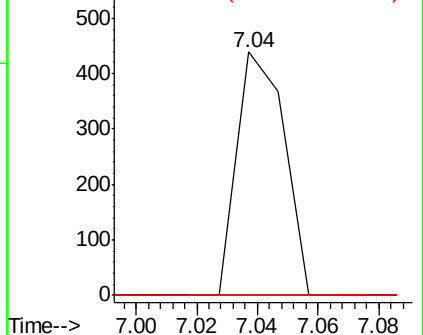
121 0.0 25.9 38.9#



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: 1.635 ug/l

RT: 8.86 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

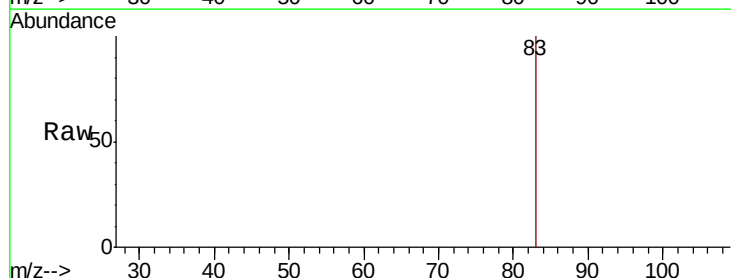
Tgt Ion: 83 Resp: 244

Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

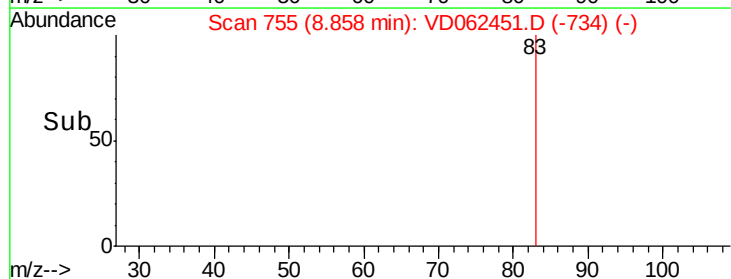
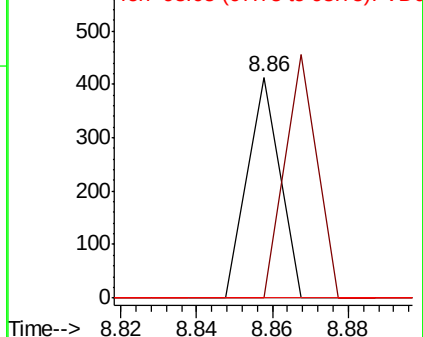
98 0.0 38.2 57.4#

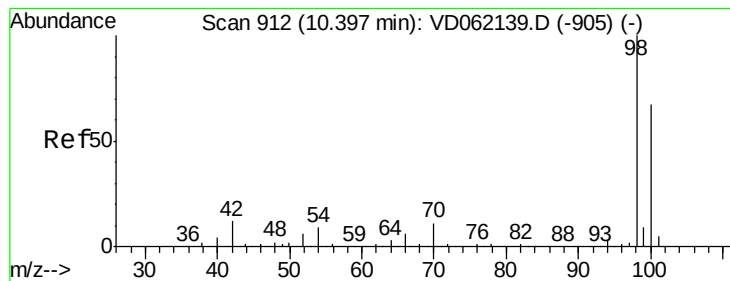


Abundance Ion 83.05 (82.75 to 83.75): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.05 (97.75 to 98.75): V





#50

Toluene-d8

Concen: 33.058 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

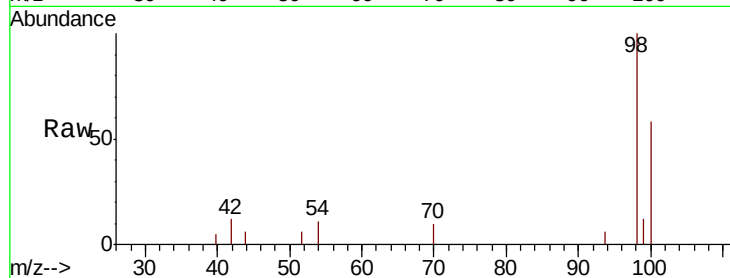
ClientSampleId :

Tot Ion: 98 Resp: 12564

Ion Ratio Lower Upper

98 100

100 57.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

6000

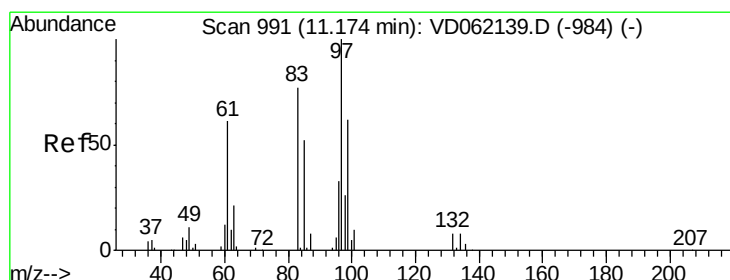
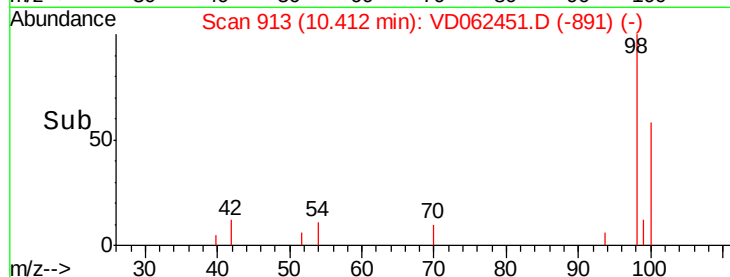
4000

2000

0

Time-->

10.35 10.40 10.45



#55

1,1,2-Trichloroethane

Concen: 2.383 ug/l

RT: 11.23 min Scan# 996

Delta R.T. 0.06 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Tgt Ion: 97 Resp: 193

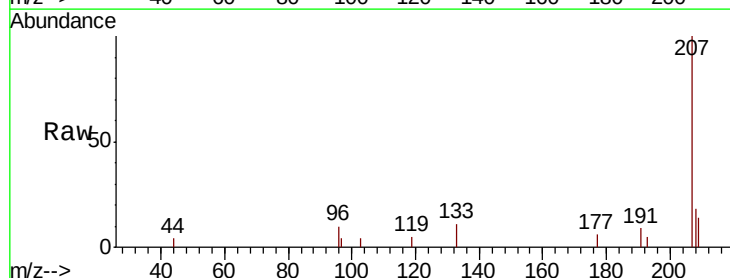
Ion Ratio Lower Upper

97 100

83 0.0 65.7 98.5#

85 0.0 45.6 68.4#

99 0.0 48.4 72.6#



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

500

400

300

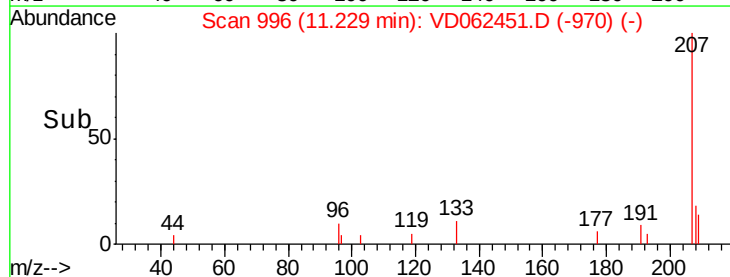
200

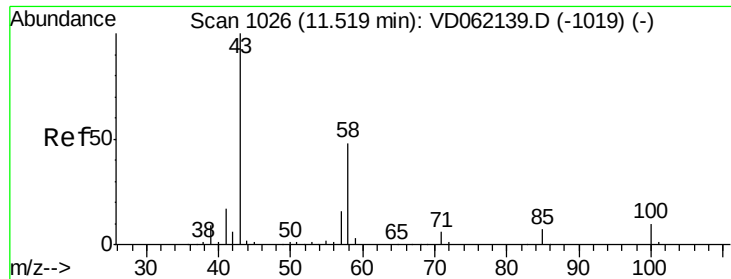
100

0

Time-->

11.20 11.22 11.24 11.26

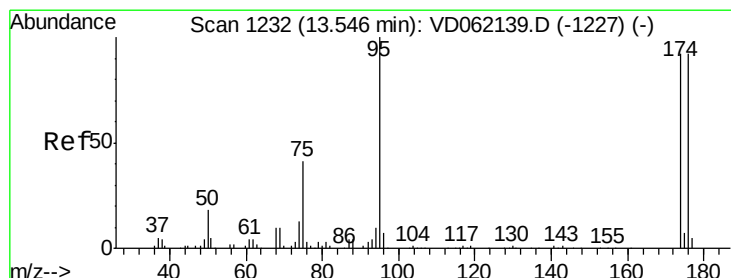
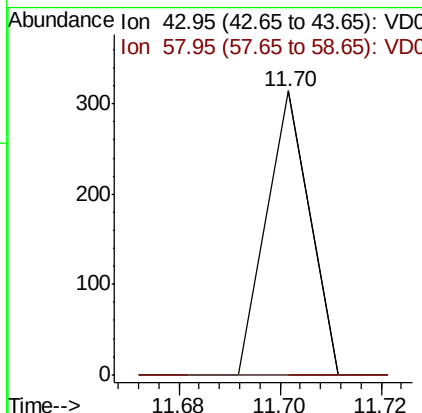
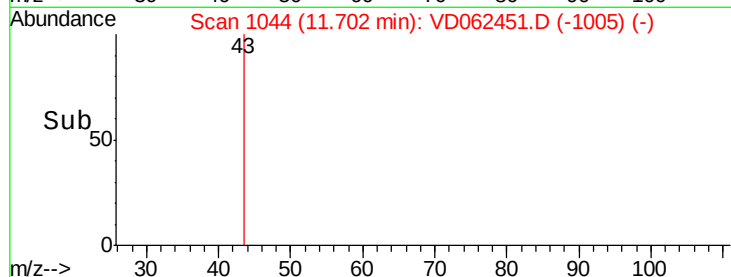
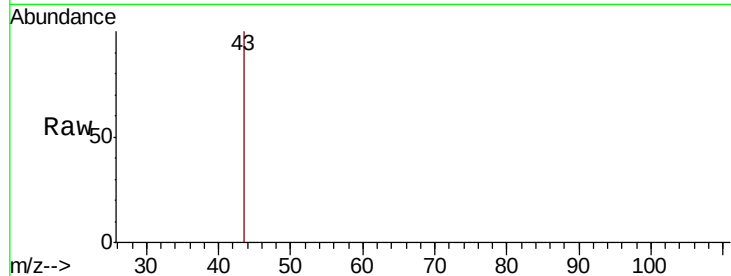




#59
2-Hexanone
Concen: 4.168 ug/l
RT: 11.70 min Scan# 1044
Delta R.T. 0.18 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

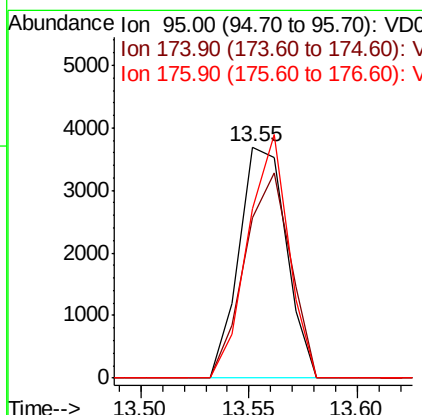
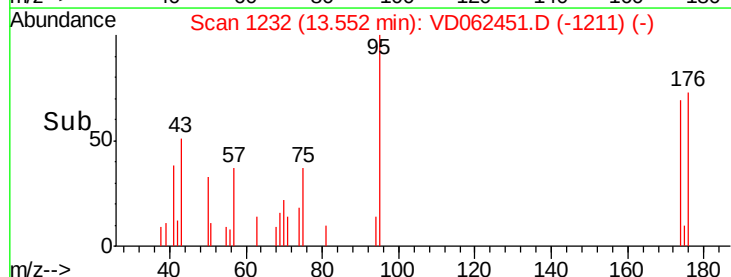
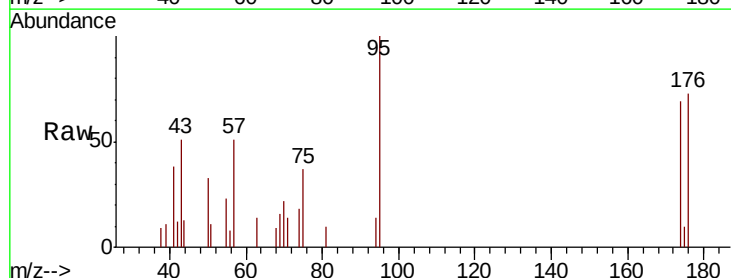
Instrument :
MSVOA_D
ClientSampleId :

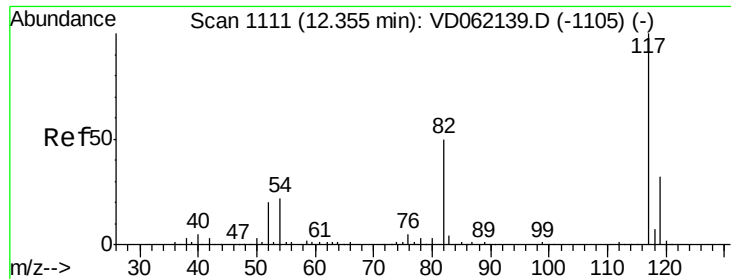
Tot Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 36.707 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

Tgt Ion: 95 Resp: 5602
Ion Ratio Lower Upper
95 100
174 69.2 0.0 181.8
176 73.4 0.0 174.4

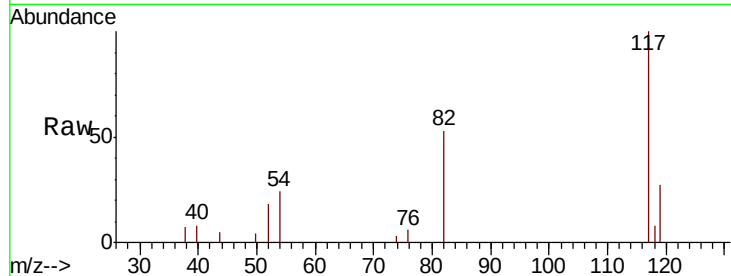




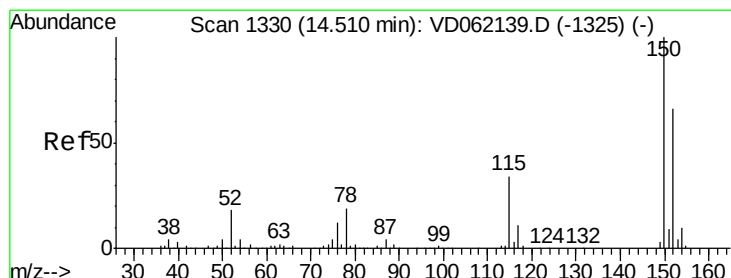
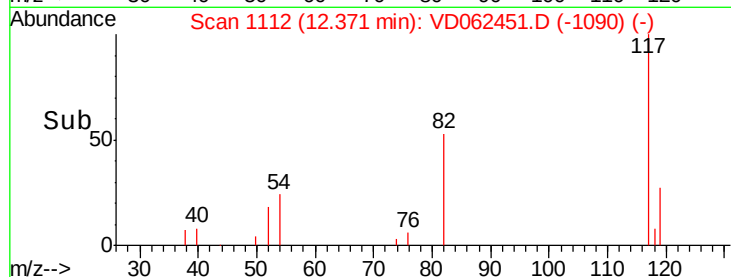
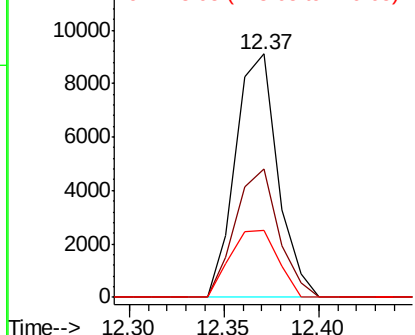
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 14077
Ion Ratio Lower Upper
117 100
82 52.9 36.2 54.2
119 27.3 26.2 39.4

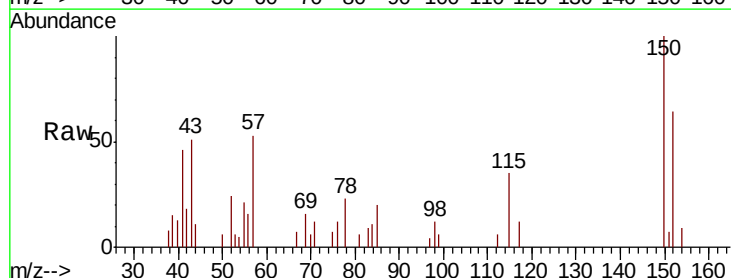


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

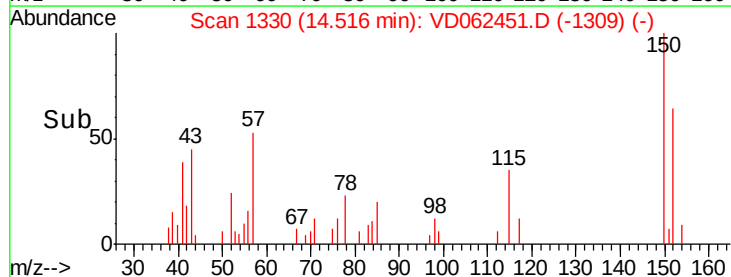
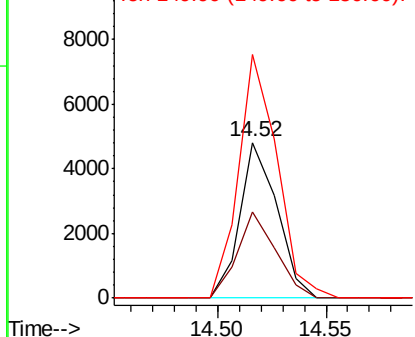


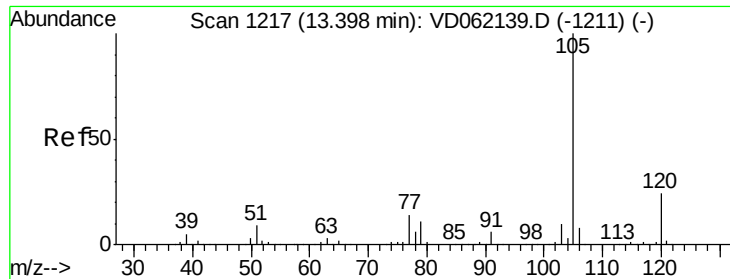
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

Tgt Ion:152 Resp: 5748
Ion Ratio Lower Upper
152 100
115 55.3 30.9 92.7
150 156.7 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: 5.065 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

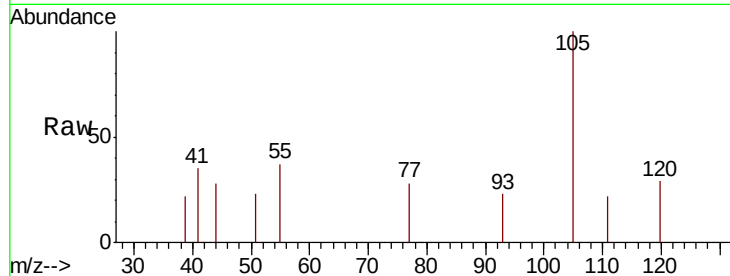
ClientSampleId :

Tot Ion: 105 Resp: 1745

Ion Ratio Lower Upper

105 100

120 29.5 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

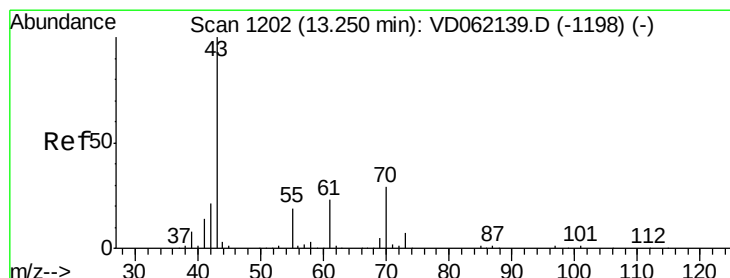
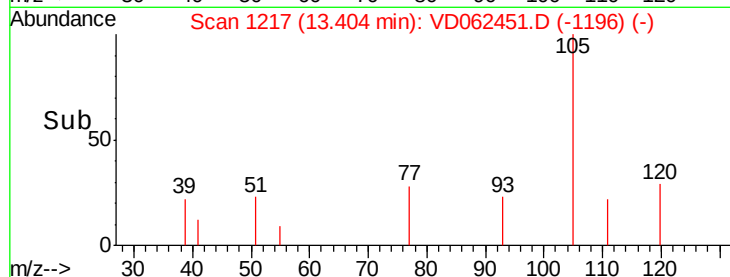
1500

1000

500

0

Time--> 13.35 13.40 13.45



#74

N-ethyl acetate

Concen: 16.561 ug/l

RT: 13.22 min Scan# 1198

Delta R.T. -0.03 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Tgt Ion: 43 Resp: 1496

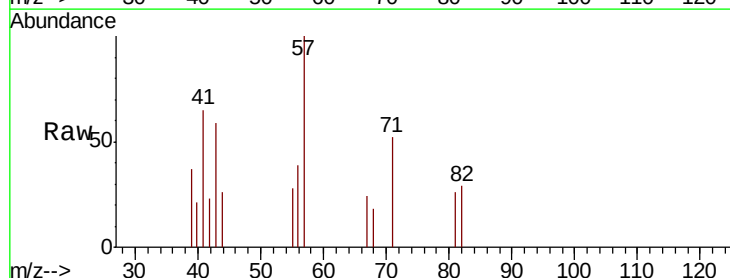
Ion Ratio Lower Upper

43 100

70 0.0 24.2 36.4#

55 46.7 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

2000

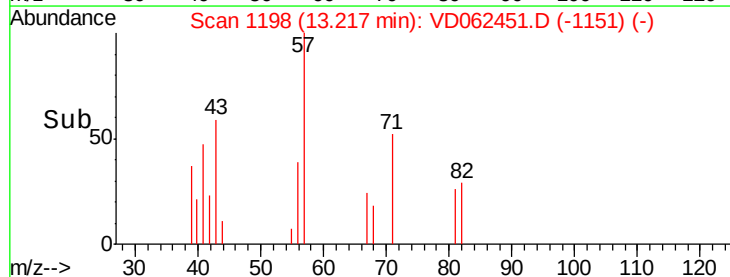
1500

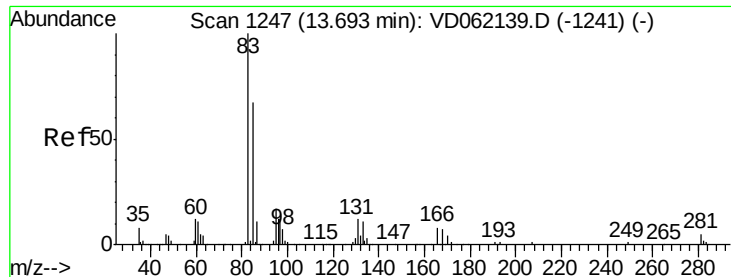
1000

500

0

Time--> 13.20 13.22 13.25





#75

1,1,2,2-Tetrachloroethane

Concen: 9.612 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.03 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

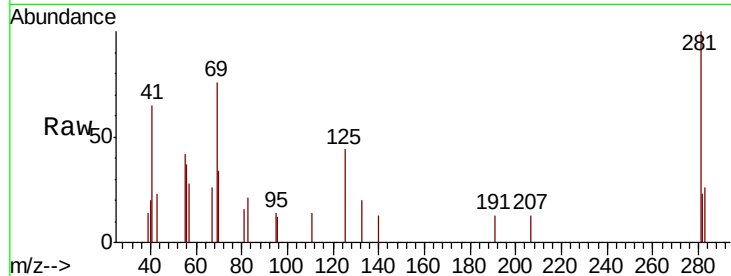
Tot Ion: 83 Resp: 627

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

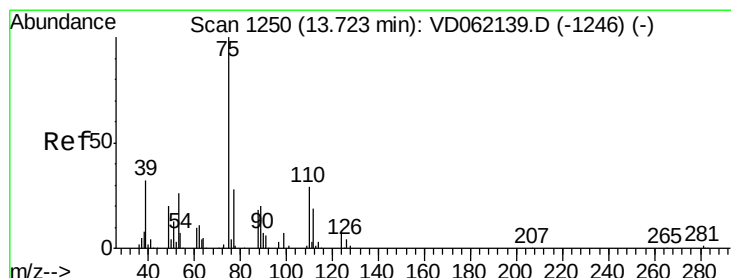
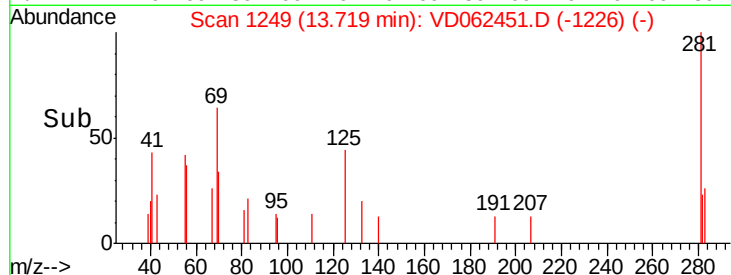
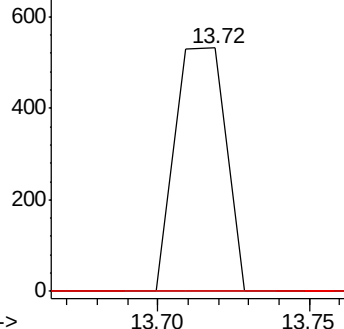
85 0.0 32.6 97.7#



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



#76

1,2,3-Trichloropropane

Concen: 26.321 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062451.D

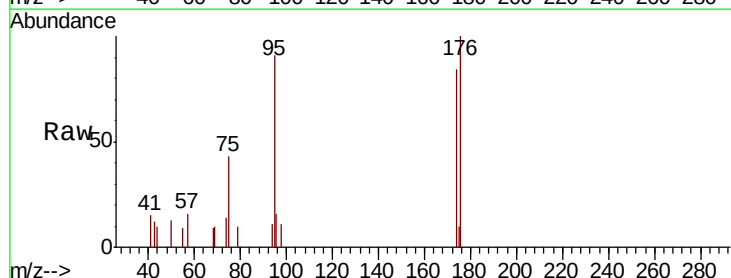
Acq: 17 May 2019 21:08

Tgt Ion: 75 Resp: 1798

Ion Ratio Lower Upper

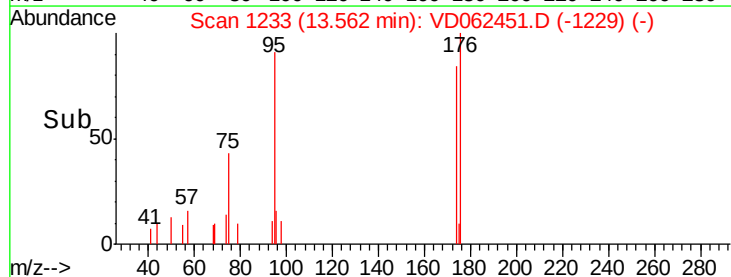
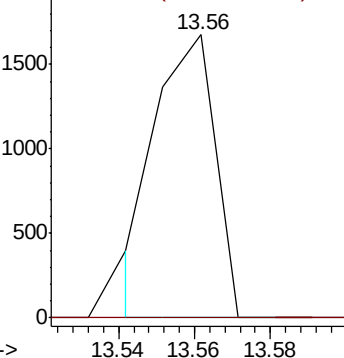
75 100

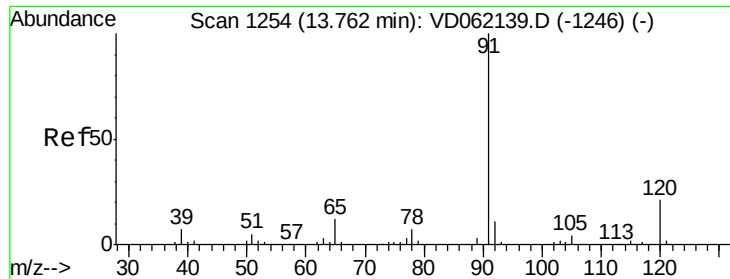
77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#78

n-propylbenzene

Concen: 6.440 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.02 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

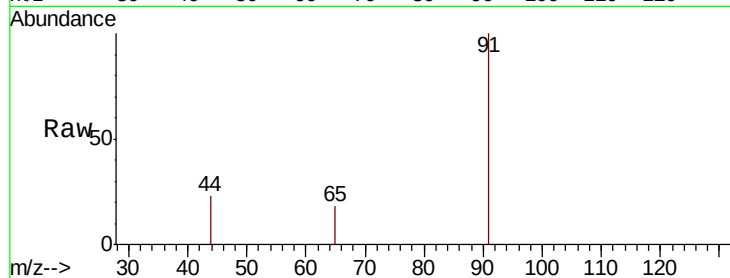
ClientSampleId :

Tot Ion: 91 Resp: 2647

Ion Ratio Lower Upper

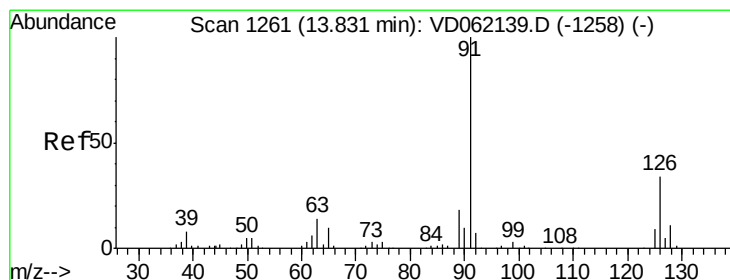
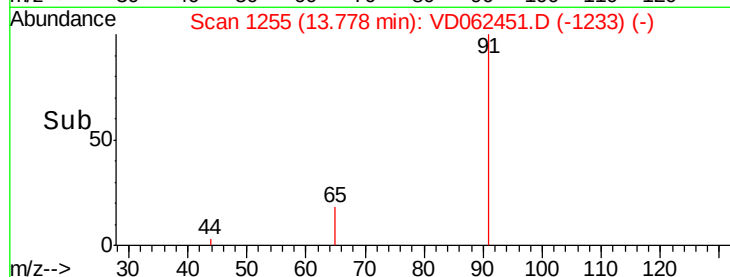
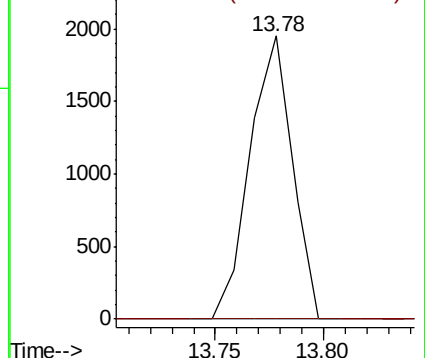
91 100

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): V



#79

2-Chlorotoluene

Concen: 11.245 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.05 min

Lab File: VD062451.D

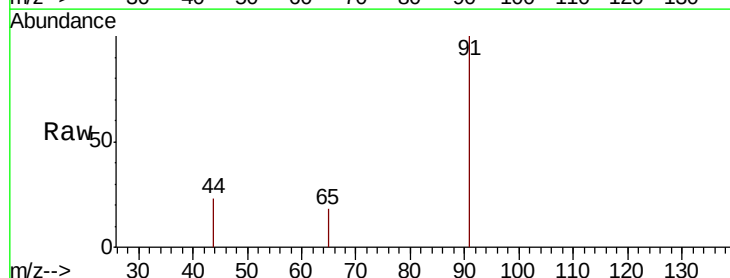
Acq: 17 May 2019 21:08

Tgt Ion: 91 Resp: 2647

Ion Ratio Lower Upper

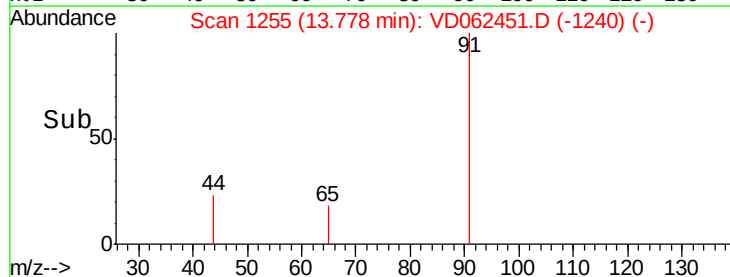
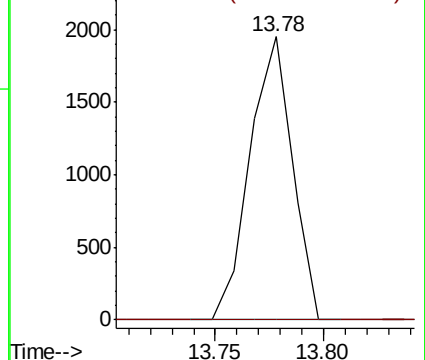
91 100

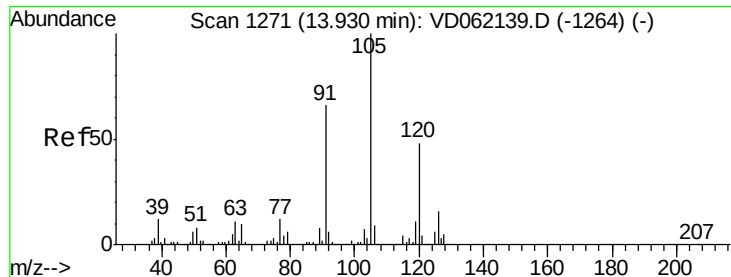
126 0.0 18.6 55.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

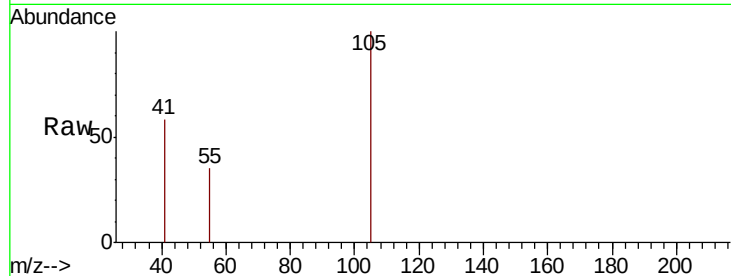




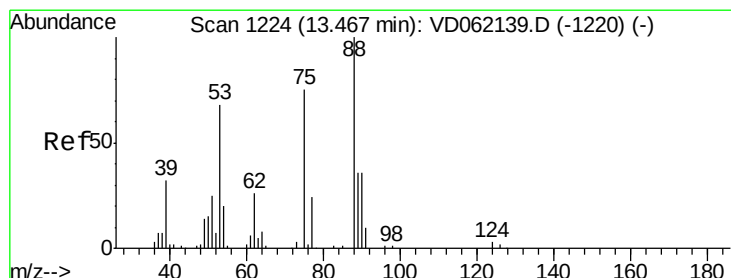
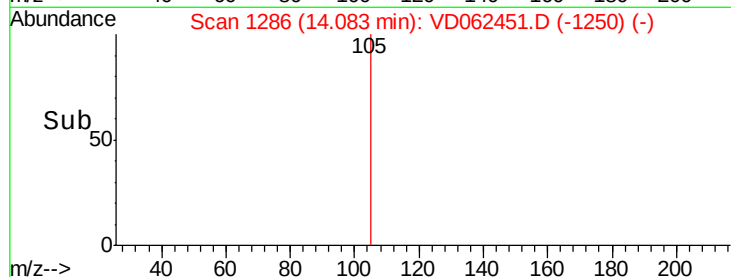
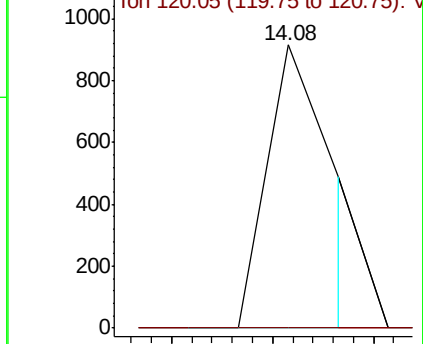
#80
 1,3,5-Trimethylbenzene
 Concen: 2.857 ug/l
 RT: 14.08 min Scan# 1286
 Delta R.T. 0.15 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:105 Resp: 829
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.0 72.0#

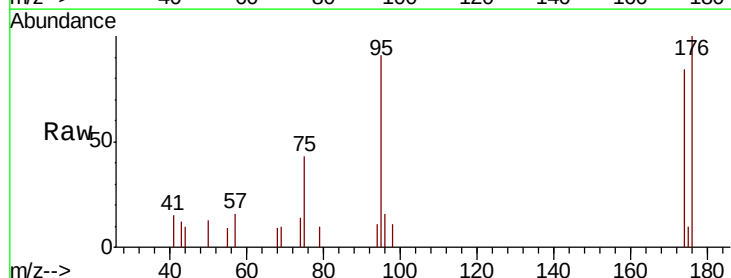


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

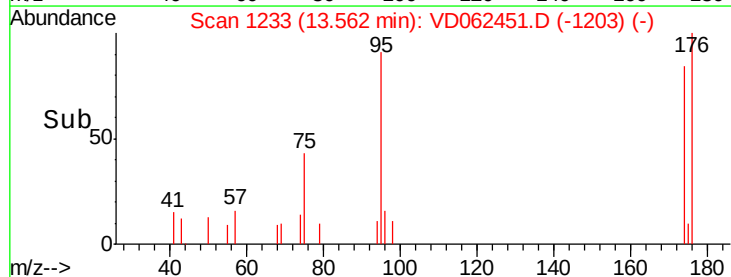
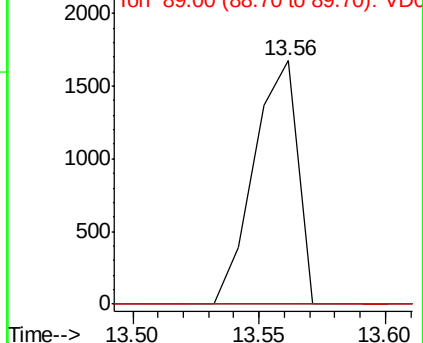


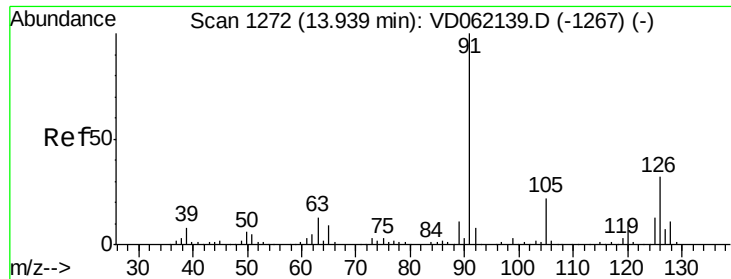
#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.318 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

Tgt Ion: 75 Resp: 2031
 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

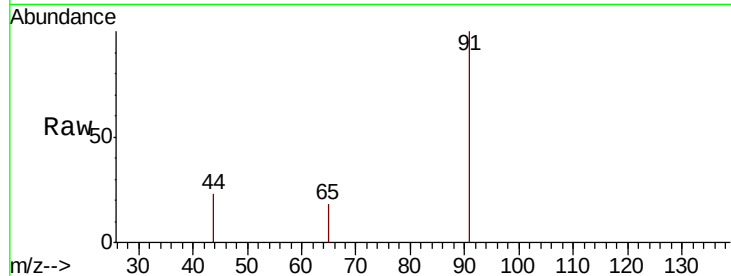




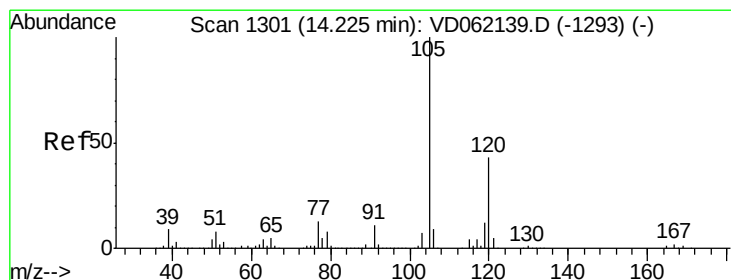
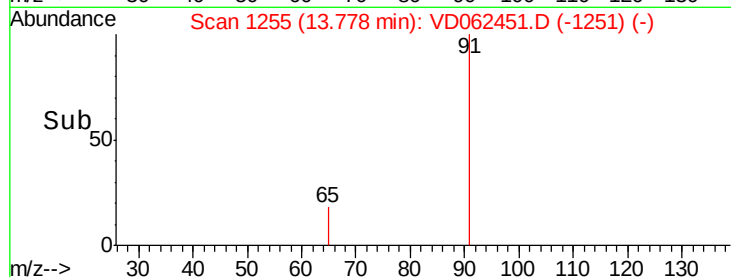
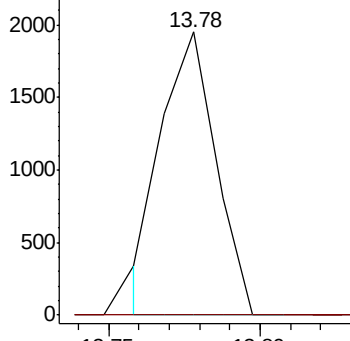
#82
4-Chlorotoluene
Concen: 8.834 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. -0.16 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 2447
Ion Ratio Lower Upper
91 100
126 0.0 19.1 57.5#

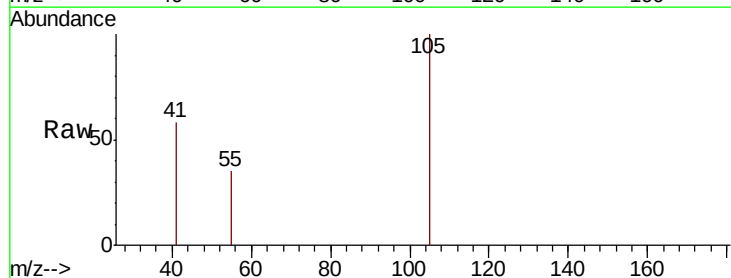


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.95 (125.65 to 126.65): V

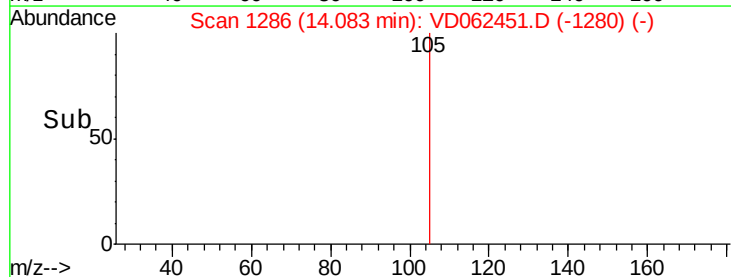
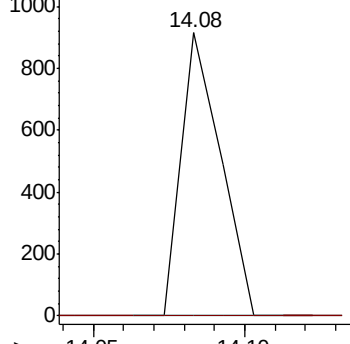


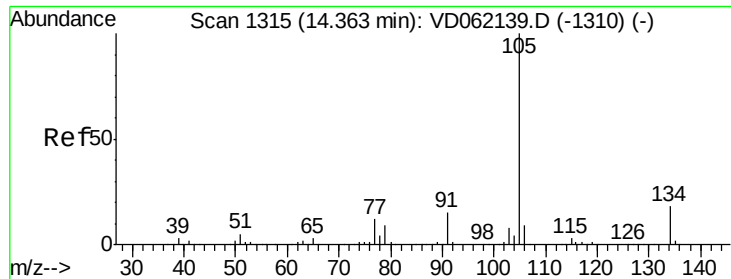
#84
1,2,4-Trimethylbenzene
Concen: 2.851 ug/l
RT: 14.08 min Scan# 1286
Delta R.T. -0.14 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

Tgt Ion: 105 Resp: 830
Ion Ratio Lower Upper
105 100
120 0.0 23.1 69.2#



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 9.369 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.01 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

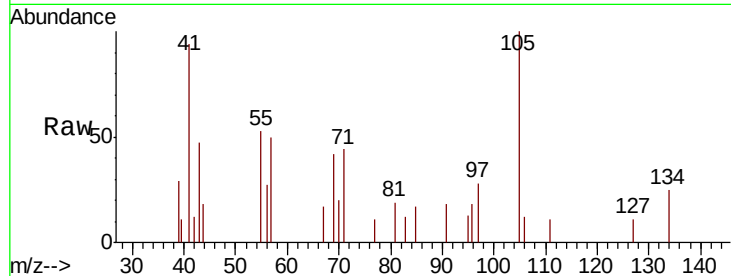
ClientSampleId :

Tot Ion:105 Resp: 3350

Ion Ratio Lower Upper

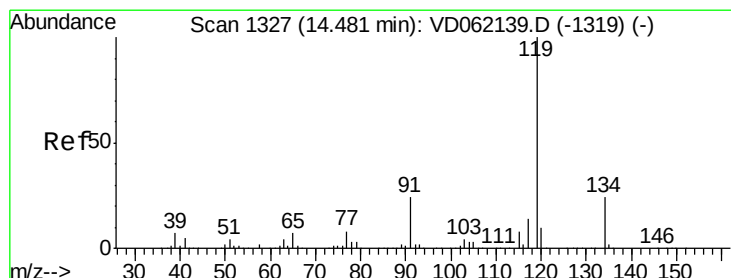
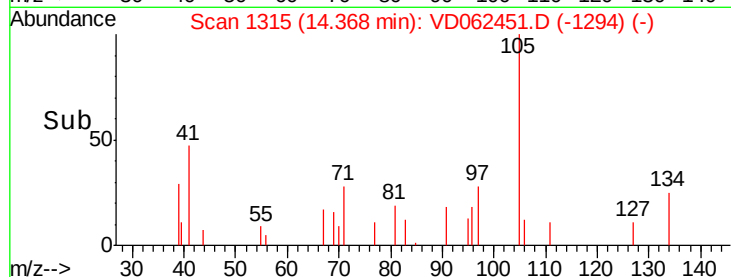
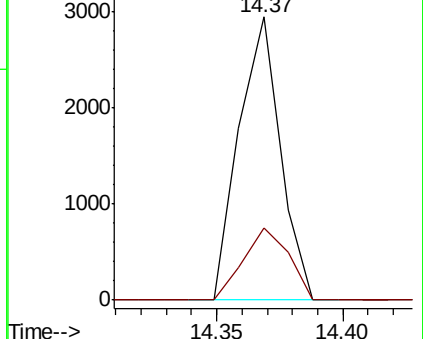
105 100

134 25.3 8.9 26.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 1.146 ug/l

RT: 14.63 min Scan# 1342

Delta R.T. 0.15 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

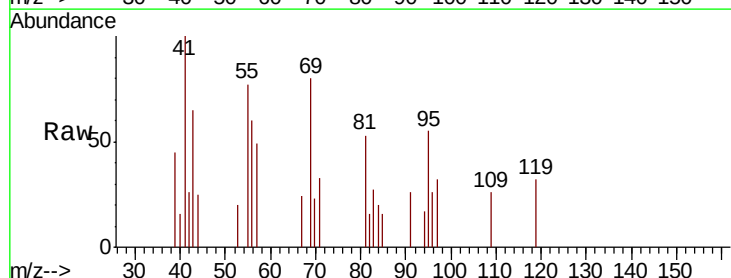
Tgt Ion:119 Resp: 366

Ion Ratio Lower Upper

119 100

134 0.0 12.8 38.3#

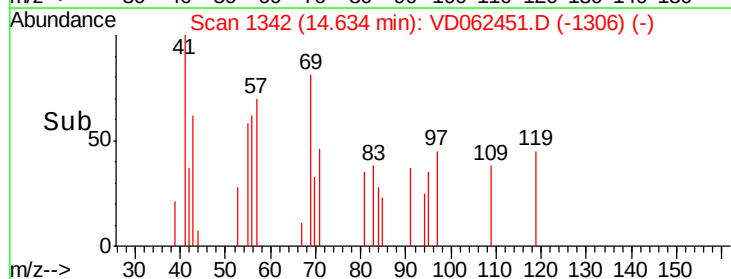
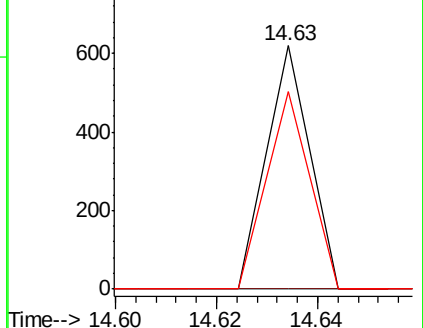
91 81.3 10.7 32.1#

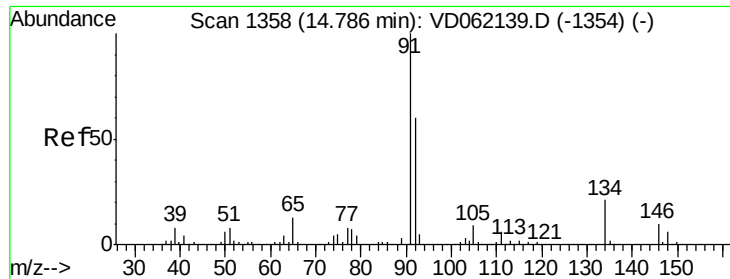


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 15.533 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.02 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

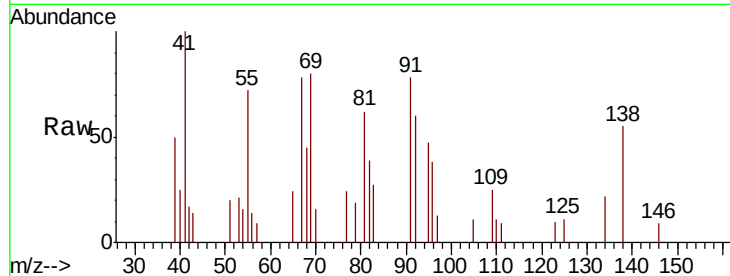
Tot Ion: 91 Resp: 4454

Ion Ratio Lower Upper

91 100

92 77.0 30.3 91.0

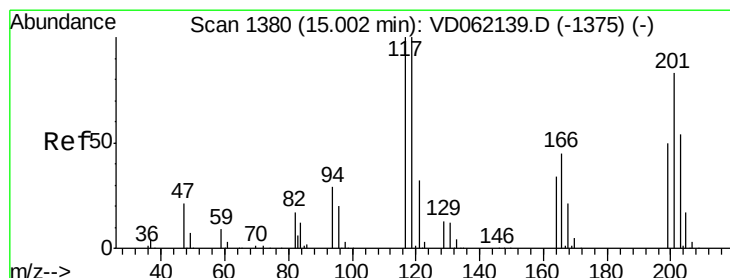
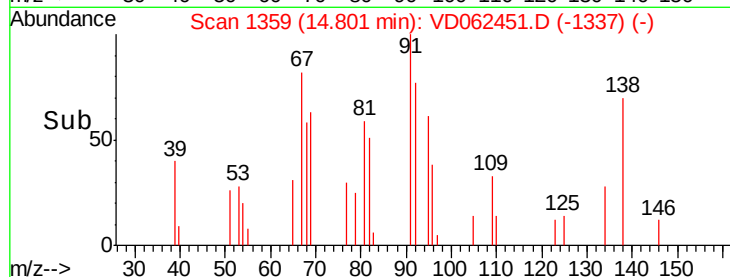
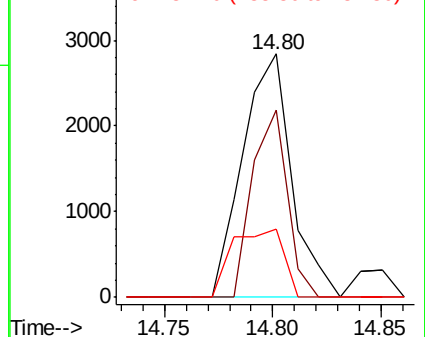
134 28.2 14.5 43.6



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: 10.797 ug/l

RT: 15.06 min Scan# 1385

Delta R.T. 0.06 min

Lab File: VD062451.D

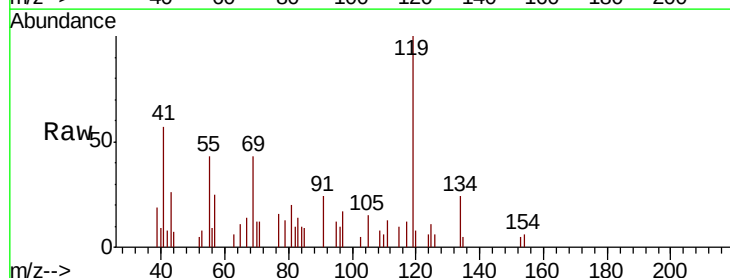
Acq: 17 May 2019 21:08

Tgt Ion: 117 Resp: 938

Ion Ratio Lower Upper

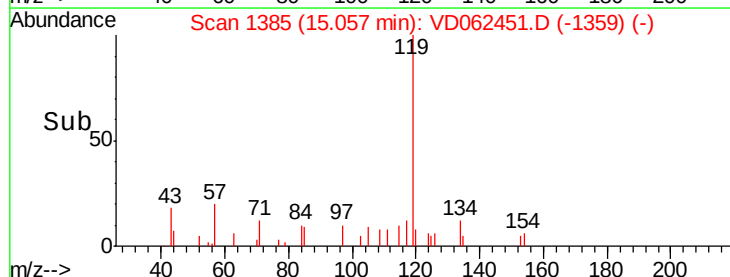
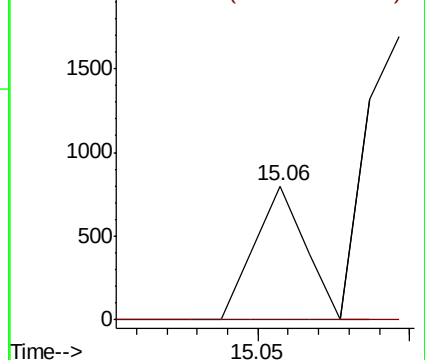
117 100

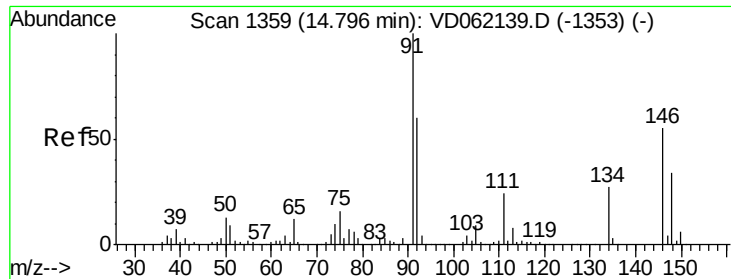
201 0.0 30.2 90.6#



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

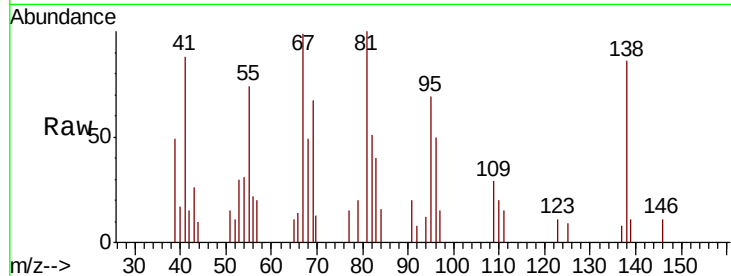




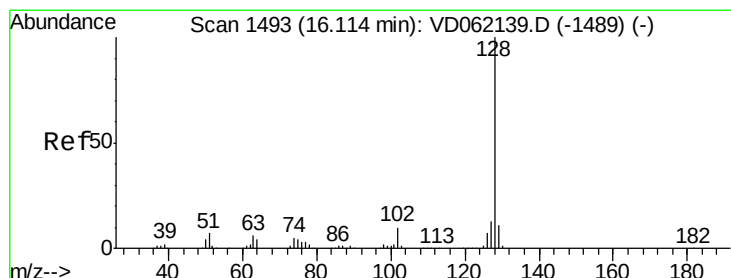
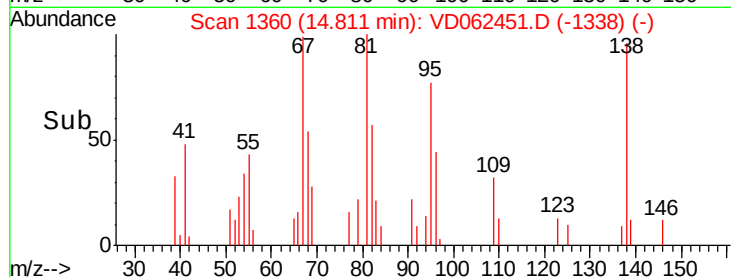
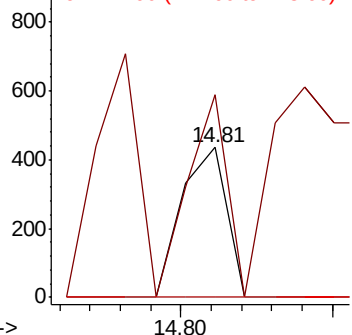
#91
 1,2-Dichlorobenzene
 Concen: 3.136 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 455
 Ion Ratio Lower Upper
 146 100
 111 135.6 20.0 59.9#
 148 0.0 32.3 96.8#

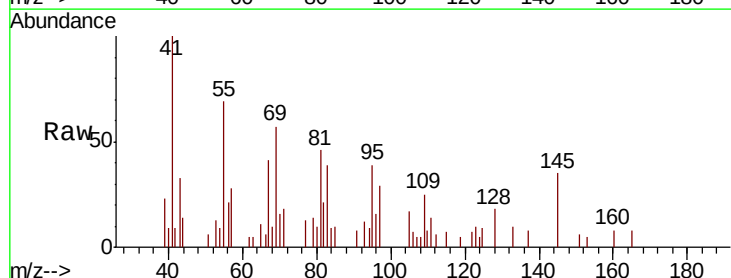


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

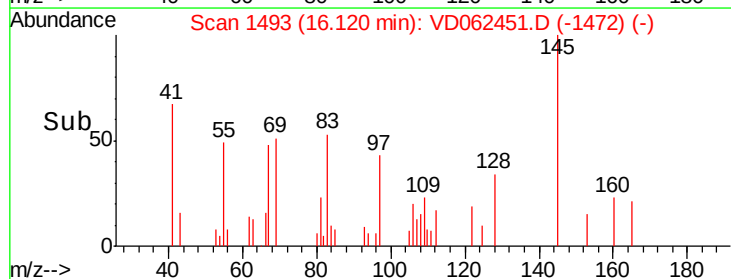
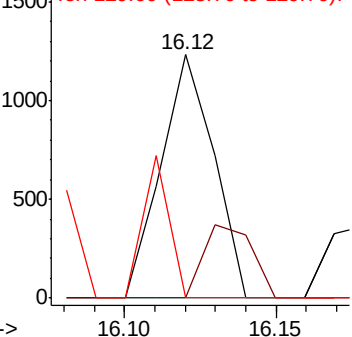


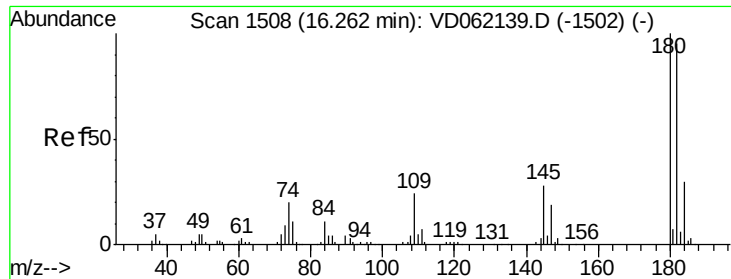
#95
 Naphthalene
 Concen: 10.091 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

Tgt Ion:128 Resp: 1488
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.8 14.8#
 129 0.0 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





#96
 1,2,3-Trichlorobenzene
 Concen: 12.559 ug/l
 RT: 16.26 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VD062451.D
 Acq: 17 May 2019 21:08

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 834
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.0 141.0#
 145 488.8 17.0 51.0#

