

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063292.D
 Acq On : 1 Aug 2019 15:08
 Operator : VA/AP
 Sample : K4120-02
 Misc : 5.20g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-2

Quant Time: Aug 02 07:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1023134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1445655	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1010567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	361563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	426298	37.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.10%	
35) Dibromofluoromethane	6.92	113	499688	40.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.96%	
50) Toluene-d8	10.40	98	1065565	38.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.16%	
62) 4-Bromofluorobenzene	13.55	95	348557	27.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.38%	

Target Compounds

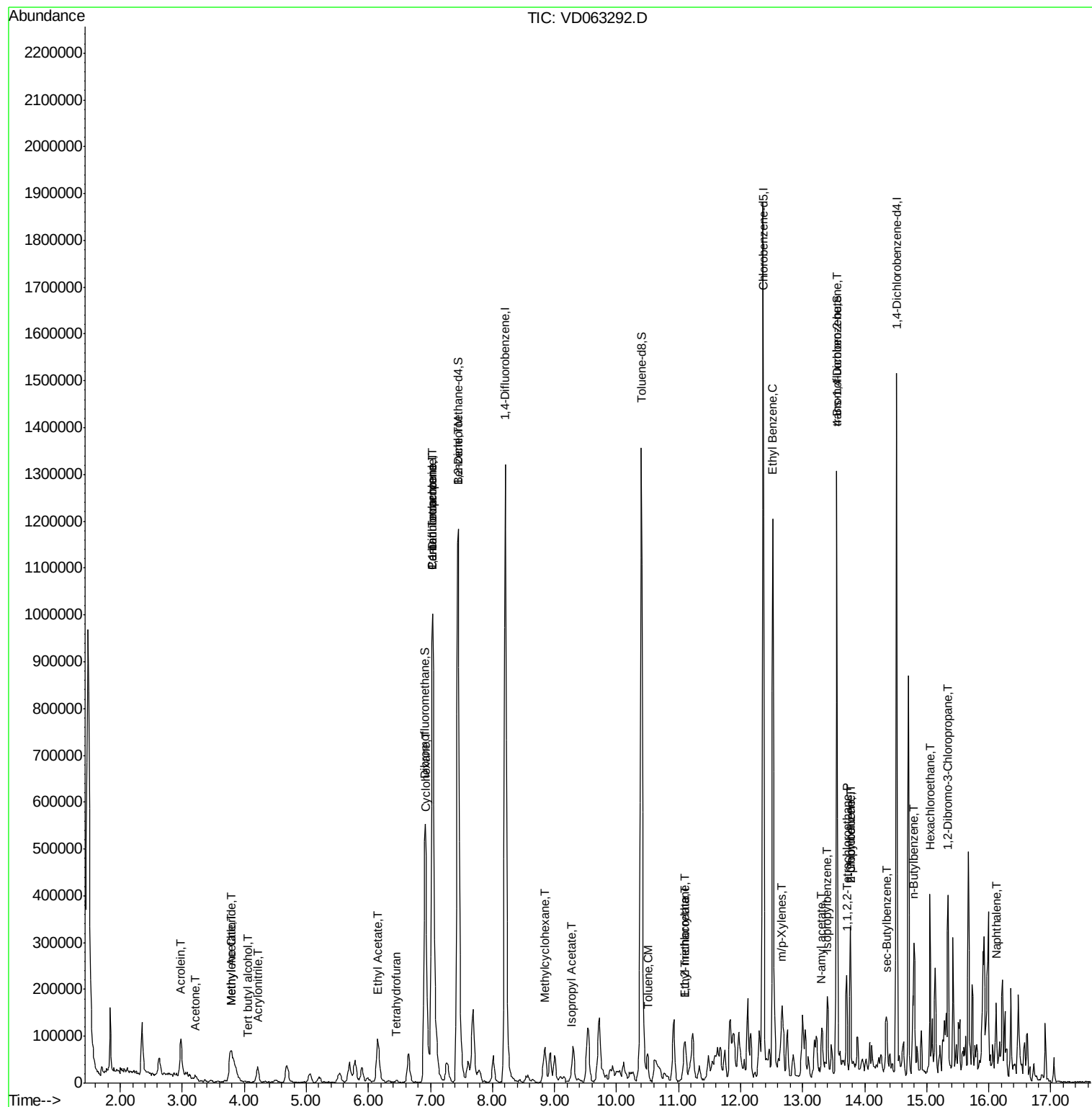
						Qvalue
11) Tert butyl alcohol	4.06	59	1643	3.298	ug/l #	69
13) Acrolein	2.97	56	3223	6.722	ug/l #	1
15) Acrylonitrile	4.21	53	1346	1.042	ug/l #	33
16) Acetone	3.22	43	24714	11.173	ug/l #	92
18) Methyl Acetate	3.78	43	45913	10.806	ug/l #	60
20) Methylene Chloride	3.80	84	10246	1.146	ug/l	95
29) Tetrahydrofuran	6.44	42	4054	3.857	ug/l #	60
31) Cyclohexane	6.94	56	13240	1.309	ug/l #	78
36) 1,1-Dichloropropene	7.04	75	73684	5.585	ug/l #	52
37) Ethyl Acetate	6.14	43	7854	1.325	ug/l #	22
38) Carbon Tetrachloride	7.03	117	103856	5.229	ug/l #	13
39) Methylcyclohexane	8.84	83	37340	3.397	ug/l #	77
40) Benzene	7.45	78	958443	34.662	ug/l	96
43) Isopropyl Acetate	9.26	43	14372	1.898	ug/l #	74
52) Toluene	10.50	92	24454	1.330	ug/l	99
55) 1,1,2-Trichloroethane	11.09	97	31966	5.147	ug/l #	21
56) Ethyl methacrylate	11.09	69	10280	1.511	ug/l #	1
67) Ethyl Benzene	12.52	91	755992	22.895	ug/l	99
68) m/p-Xylenes	12.67	106	32691	2.700	ug/l	99
73) Isopropylbenzene	13.39	105	91593	4.036	ug/l	98
74) N-amyl acetate	13.31	43	8345	1.391	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.70	83	6590	1.710	ug/l #	46
78) n-propylbenzene	13.77	91	193648	7.171	ug/l	99
79) 2-Chlorotoluene	13.77	91	193648	12.376	ug/l #	39
81) trans-1,4-Dichloro-2-buten	13.55	75	148119	122.827	ug/l #	4
85) sec-Butylbenzene	14.36	105	42497	1.805	ug/l	91
89) n-Butylbenzene	14.79	91	88008	4.534	ug/l	98
90) Hexachloroethane	15.05	117	17660	3.016	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	15.34	75	1894	2.412	ug/l #	4
95) Naphthalene	16.12	128	63814	5.706	ug/l #	96

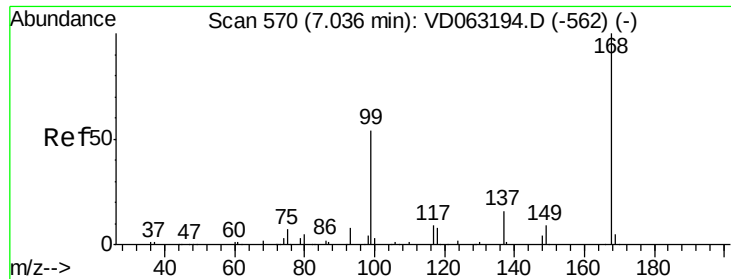
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

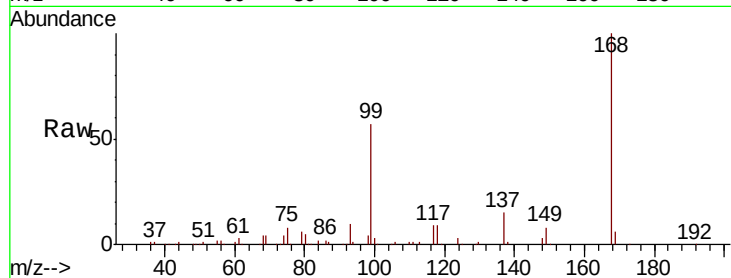
T1-2

Tot Ion:168 Resp: 1023134

Ion Ratio Lower Upper

168 100

99 57.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

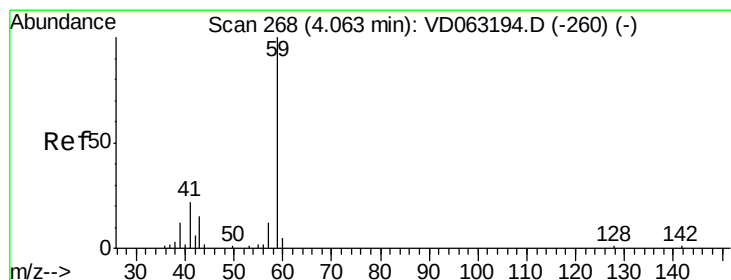
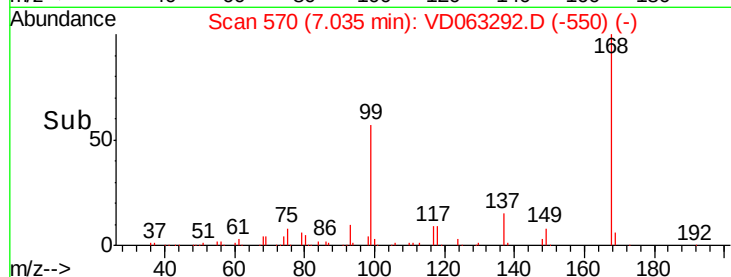
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#11

Tert butyl alcohol

Concen: 3.298 ug/l

RT: 4.06 min Scan# 268

Delta R.T. -0.00 min

Lab File: VD063292.D

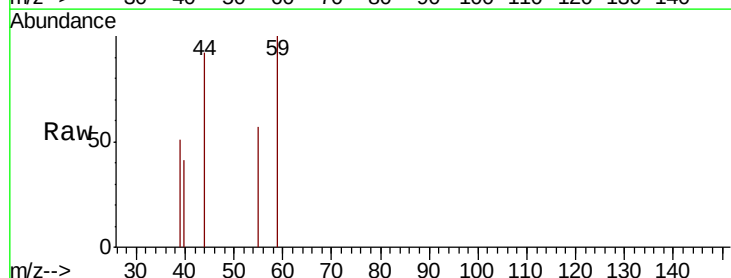
Acq: 1 Aug 2019 15:08

Tgt Ion: 59 Resp: 1643

Ion Ratio Lower Upper

59 100

57 0.0 9.6 14.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.06

1000

800

600

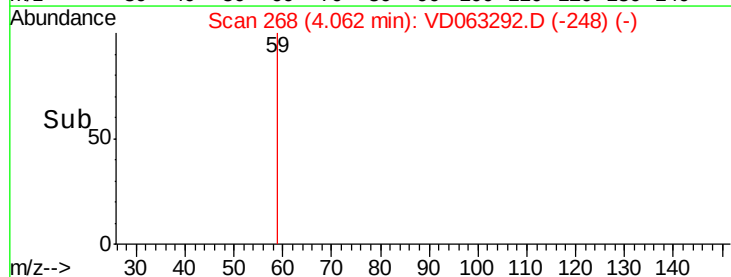
400

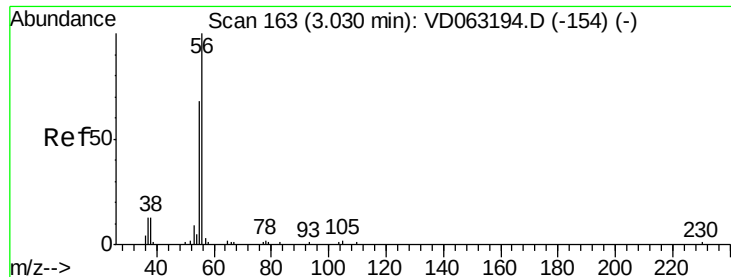
200

0

4.00 4.05 4.10

Time-->





#13

Acrolein

Concen: 6.722 ug/l

RT: 2.97 min Scan# 157

Delta R.T. -0.06 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

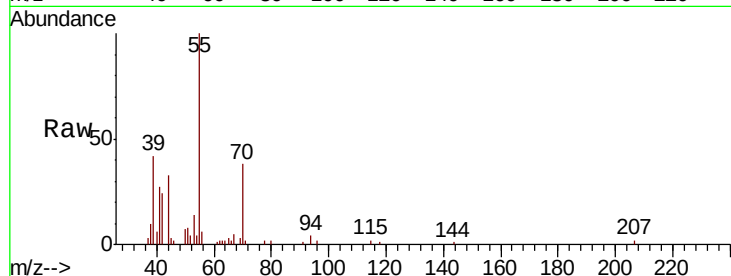
T1-2

Tot Ion: 56 Resp: 3223

Ion Ratio Lower Upper

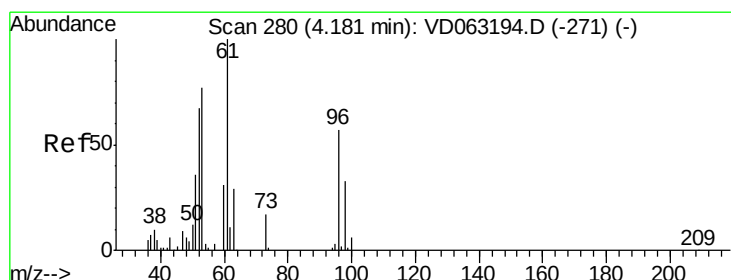
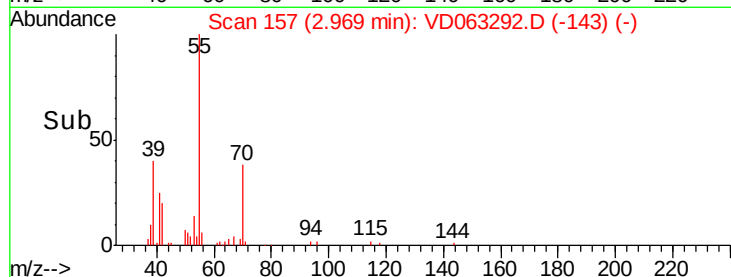
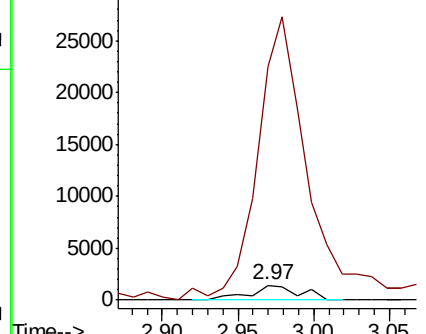
56 100

55 1584.2 55.3 82.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#15

Acrylonitrile

Concen: 1.042 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.03 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

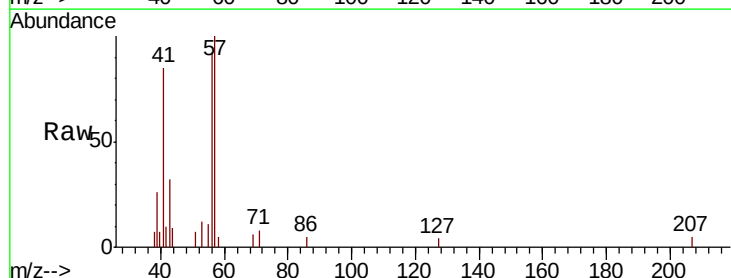
Tgt Ion: 53 Resp: 1346

Ion Ratio Lower Upper

53 100

52 0.0 69.7 104.5#

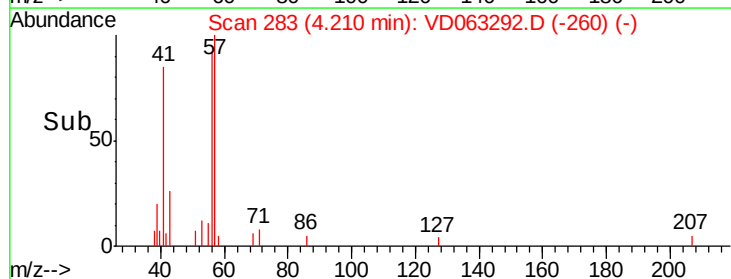
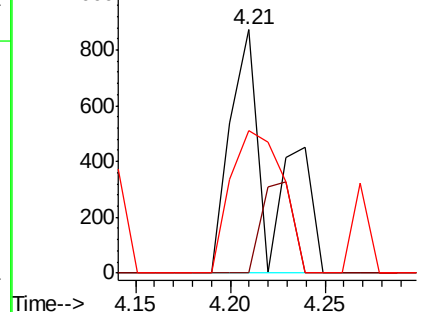
51 58.3 37.4 56.0#

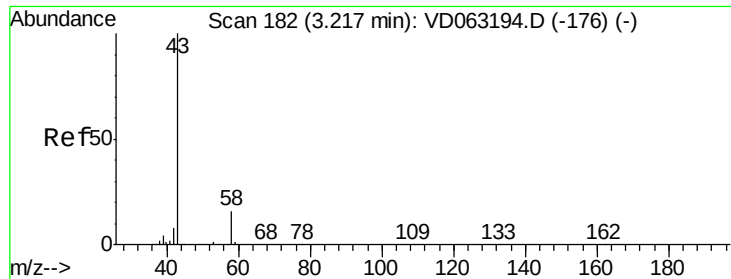


Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC





#16

Acetone

Concen: 11.173 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

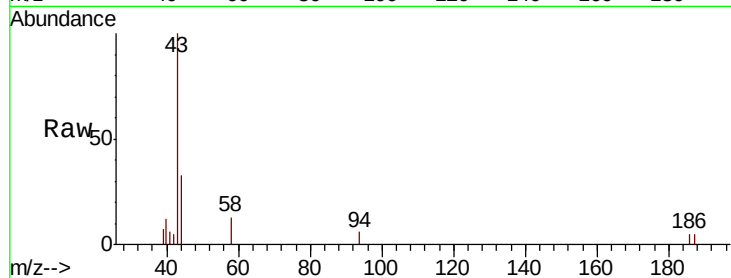
T1-2

Tot Ion: 43 Resp: 24714

Ion Ratio Lower Upper

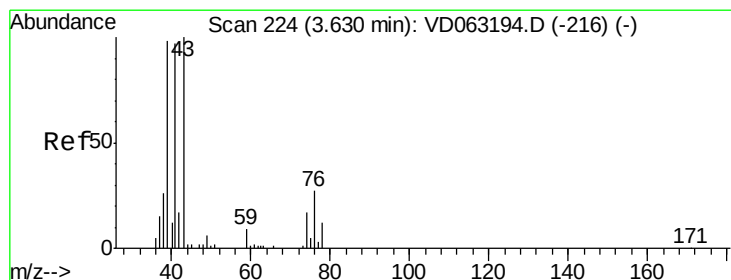
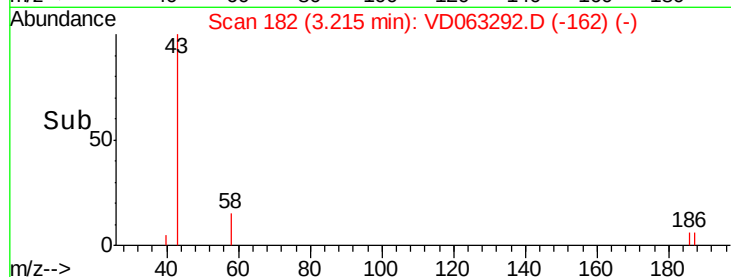
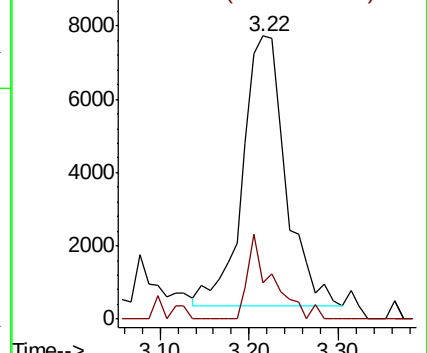
43 100

58 12.7 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 10.806 ug/l

RT: 3.78 min Scan# 239

Delta R.T. 0.15 min

Lab File: VD063292.D

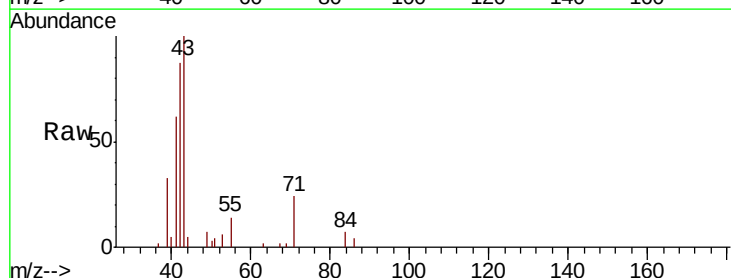
Acq: 1 Aug 2019 15:08

Tgt Ion: 43 Resp: 45913

Ion Ratio Lower Upper

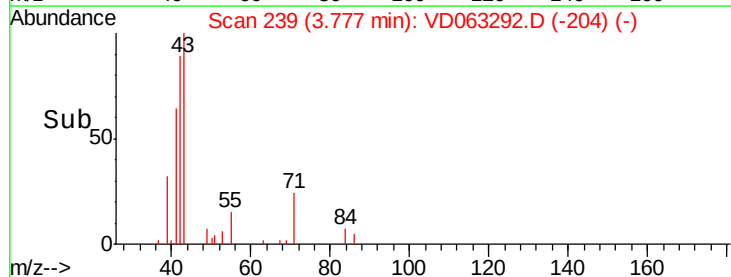
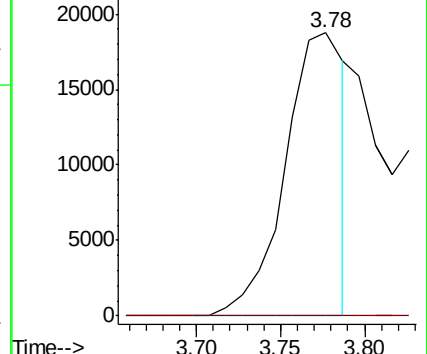
43 100

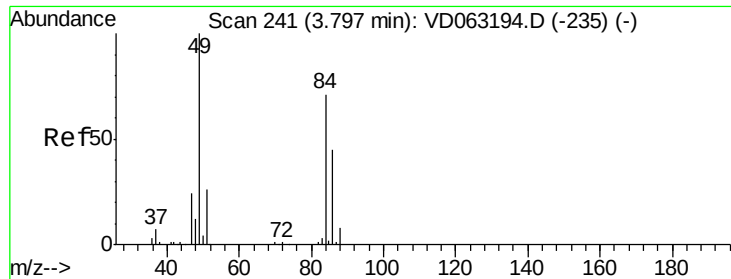
74 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

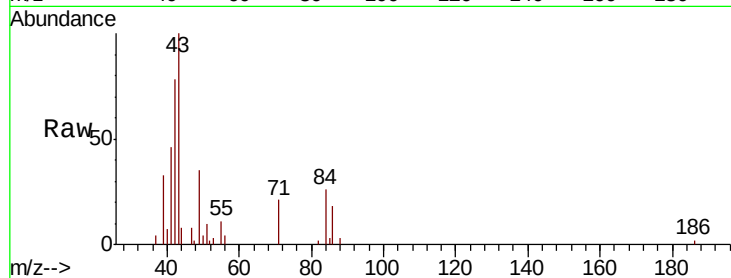




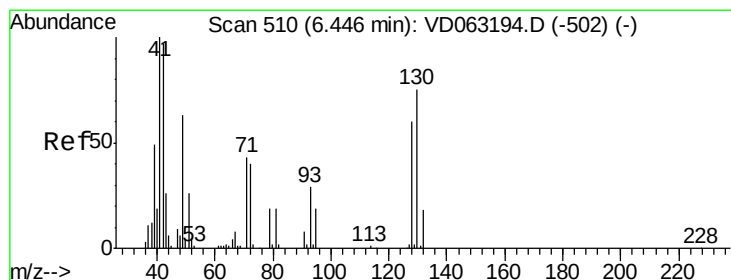
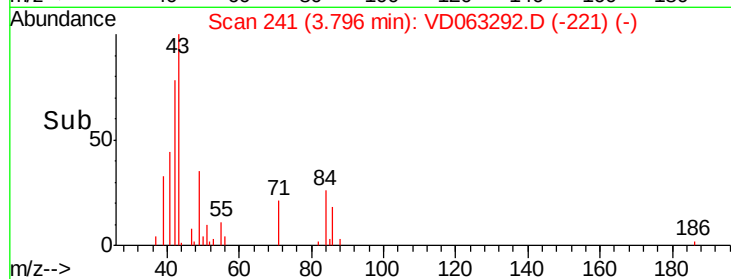
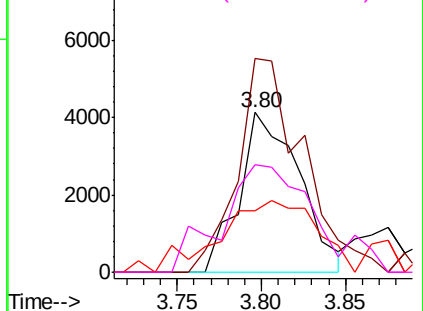
#20
Methylene Chloride
Concen: 1.146 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampled :
T1-2

Tot Ion:	84	Resp:	10246
Ion	Ratio	Lower	Upper
84	100		
49	134.0	112.5	168.7
51	38.2	29.6	44.4
86	67.5	50.4	75.6

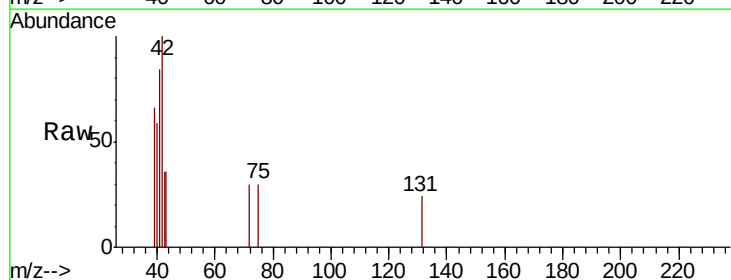


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

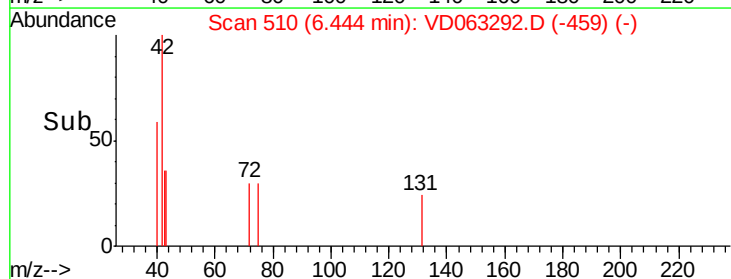
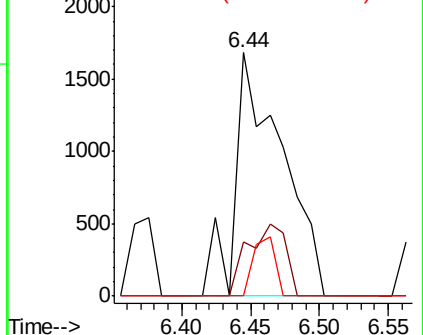


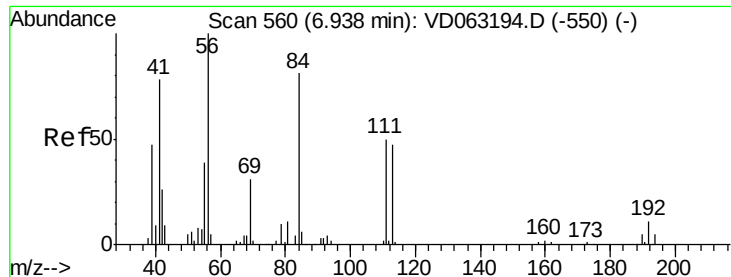
#29
Tetrahydrofuran
Concen: 3.857 ug/l
RT: 6.44 min Scan# 510
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion:	42	Resp:	4054
Ion	Ratio	Lower	Upper
42	100		
72	24.0	33.4	50.2#
71	11.2	35.7	53.5#



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





#31

Cyclohexane

Concen: 1.309 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.00 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

T1-2

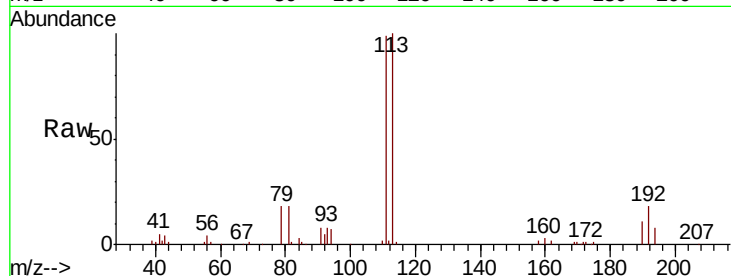
Tot Ion: 56 Resp: 13240

Ion Ratio Lower Upper

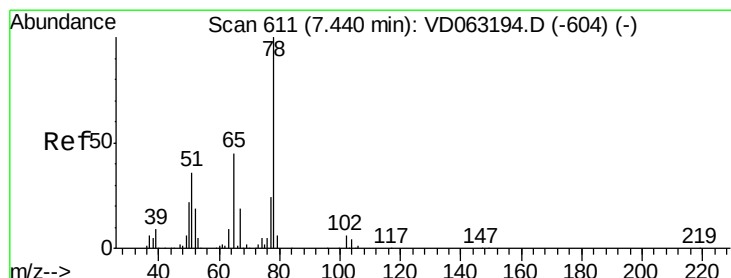
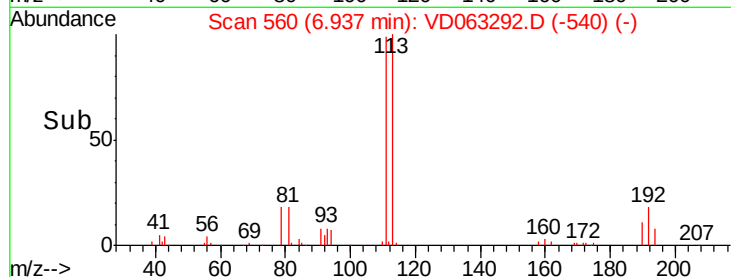
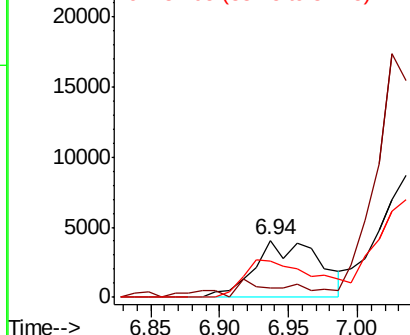
56 100

69 16.2 24.5 36.7#

84 62.9 64.9 97.3#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: 37.551 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063292.D

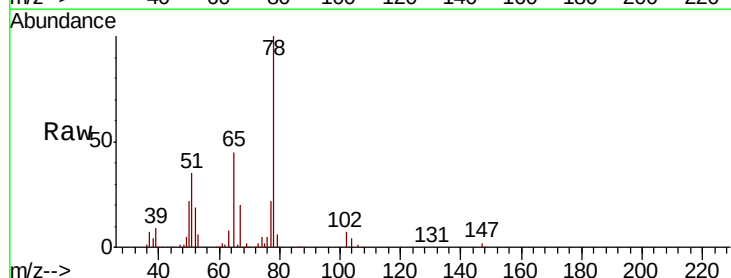
Acq: 1 Aug 2019 15:08

Tgt Ion: 65 Resp: 426298

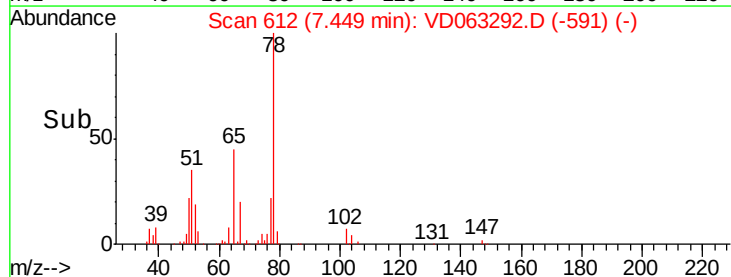
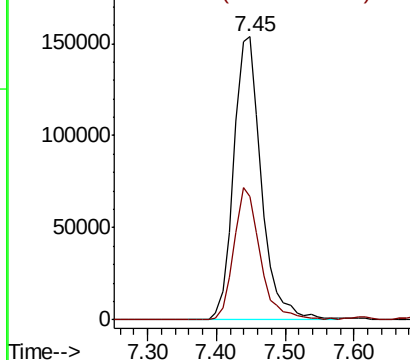
Ion Ratio Lower Upper

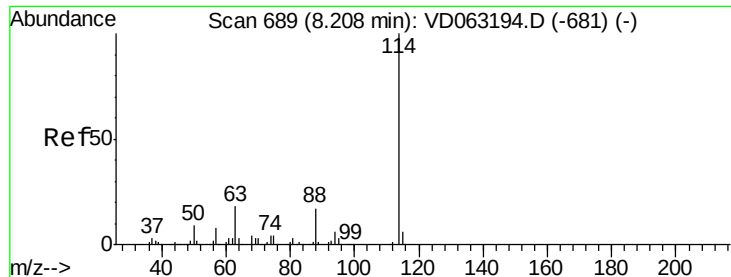
65 100

67 43.7 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

T1-2

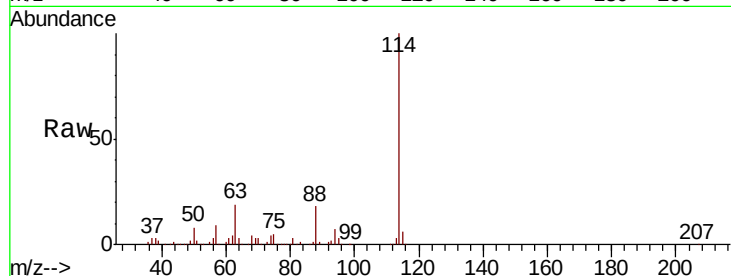
Tot Ion:114 Resp: 1445655

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.2

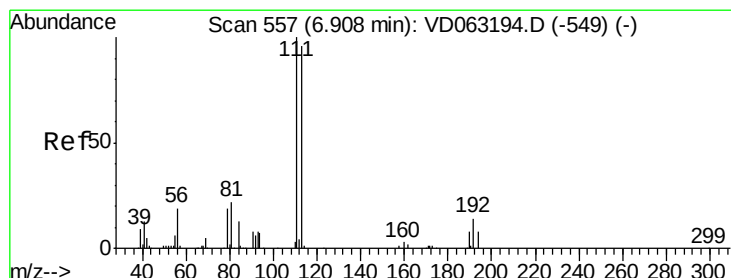
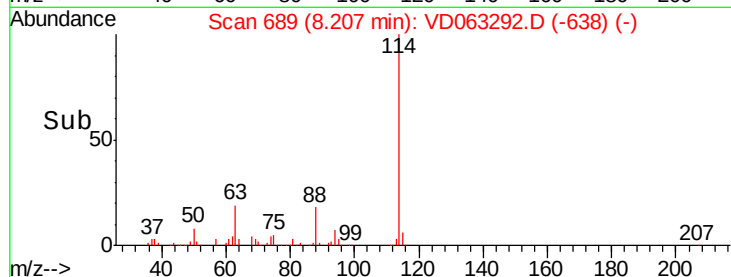
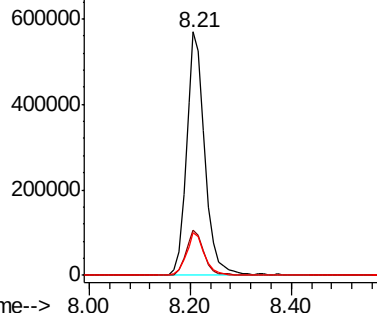
88 17.6 0.0 34.6



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: 40.484 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

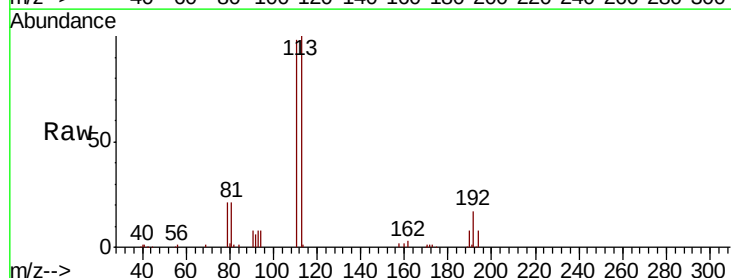
Tgt Ion:113 Resp: 499688

Ion Ratio Lower Upper

113 100

111 98.1 83.2 124.8

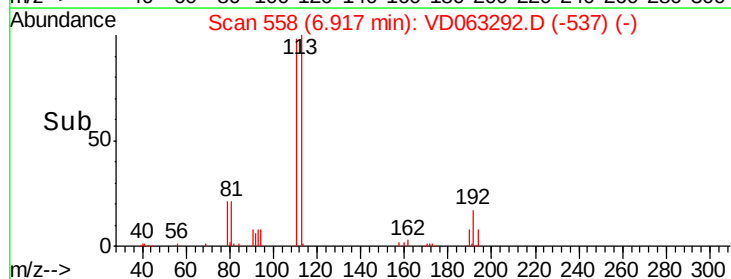
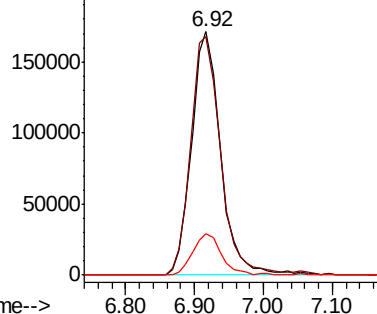
192 17.2 11.8 17.8

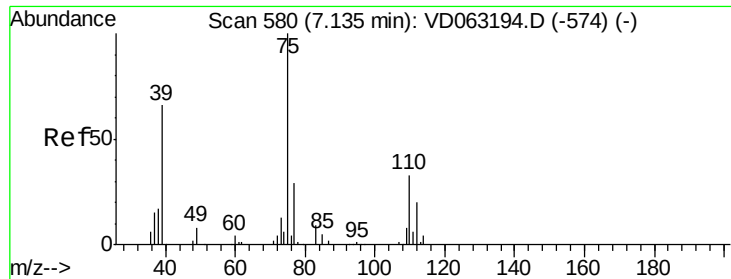


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

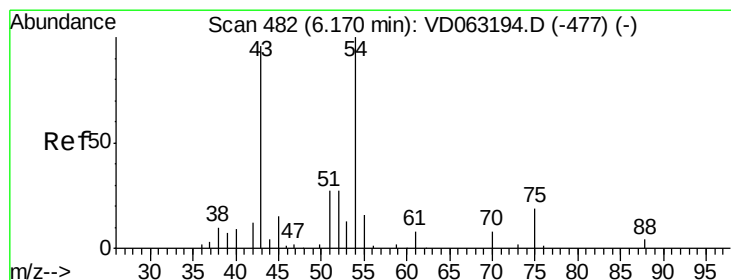
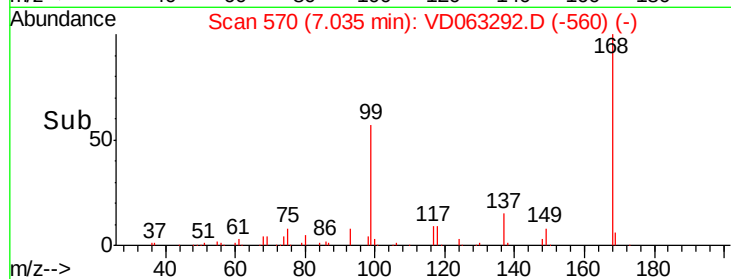
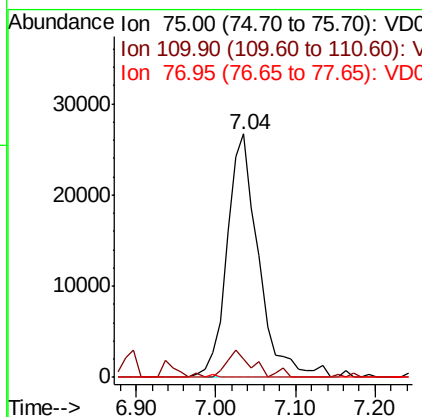
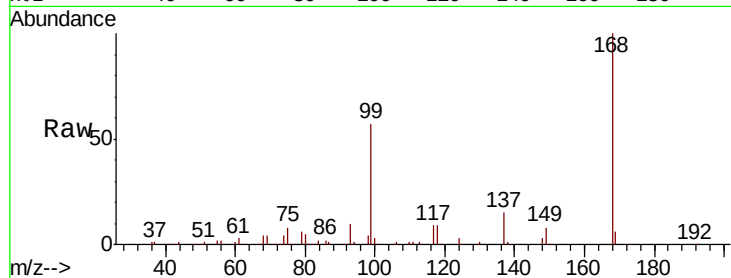




#36
 1,1-Dichloropropene
 Concen: 5.585 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.10 min
 Lab File: VD063292.D
 Acq: 1 Aug 2019 15:08

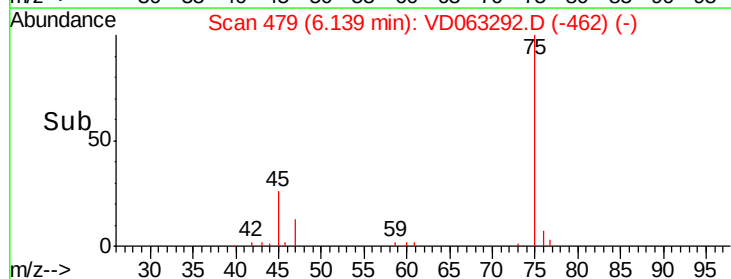
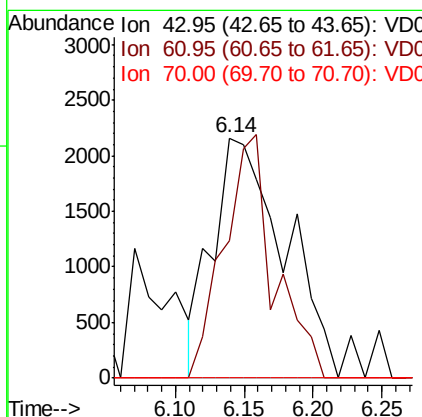
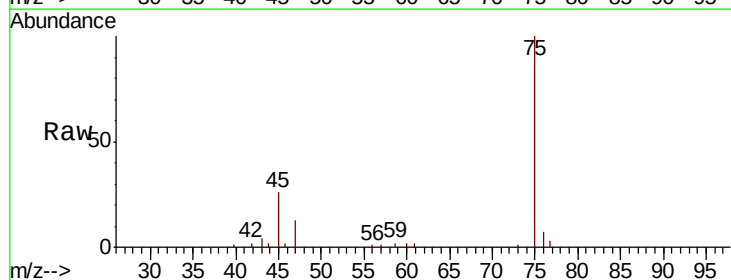
Instrument :
 MSVOA_D
 ClientSampleId :
 T1-2

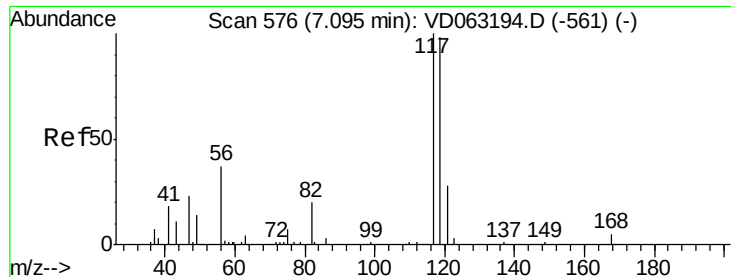
Tot Ion	75	Resp	73684
Ion Ratio	100	Lower	Upper
75	100		
110	7.6	16.1	48.2#
77	0.0	22.7	34.1#



#37
 Ethyl Acetate
 Concen: 1.325 ug/l
 RT: 6.14 min Scan# 479
 Delta R.T. -0.03 min
 Lab File: VD063292.D
 Acq: 1 Aug 2019 15:08

Tgt Ion	43	Resp	7854
Ion Ratio	100	Lower	Upper
43	100		
61	57.0	11.3	16.9#
70	0.0	5.1	7.7#





#38

Carbon Tetrachloride

Concen: 5.229 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.07 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

T1-2

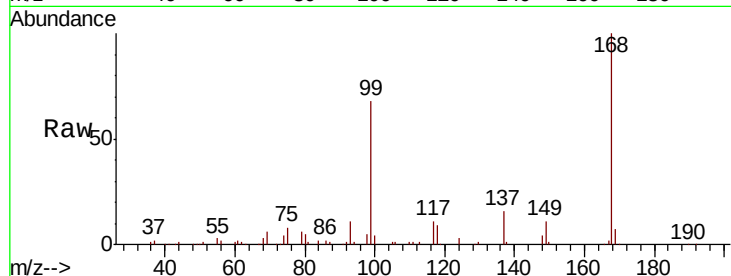
Tot Ion:117 Resp: 103856

Ion Ratio Lower Upper

117 100

119 2.3 78.2 117.2#

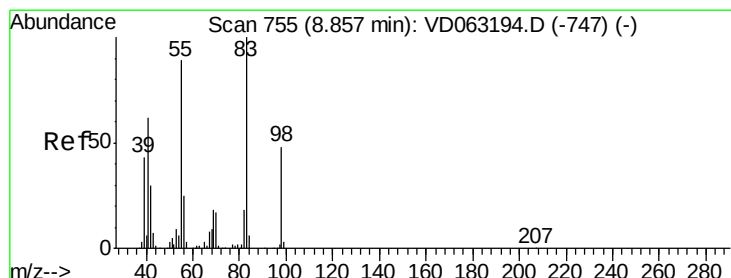
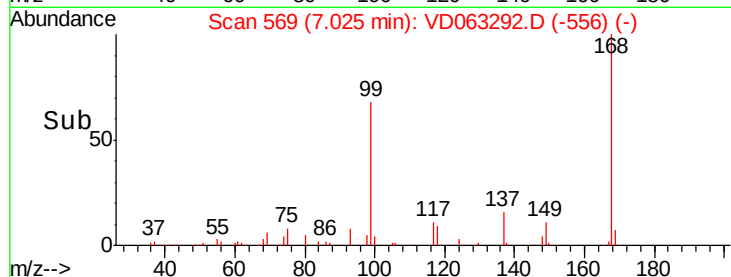
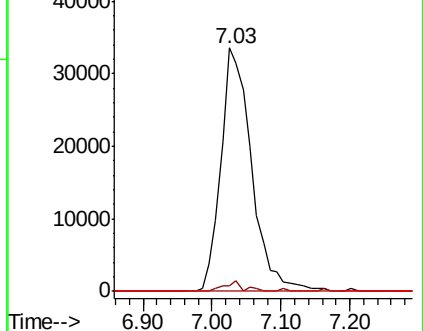
121 0.0 22.1 33.1#



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: 3.397 ug/l

RT: 8.84 min Scan# 753

Delta R.T. -0.02 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

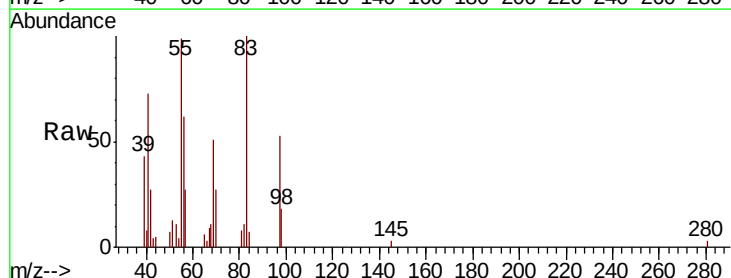
Tgt Ion: 83 Resp: 37340

Ion Ratio Lower Upper

83 100

55 99.5 71.1 106.7

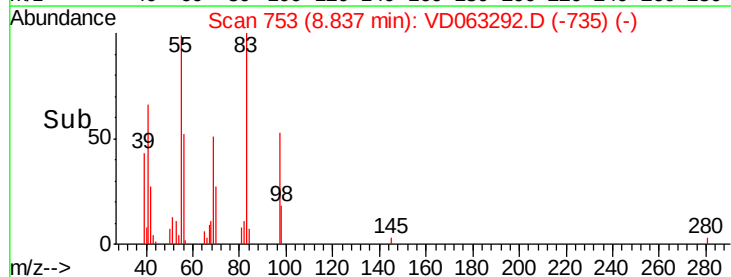
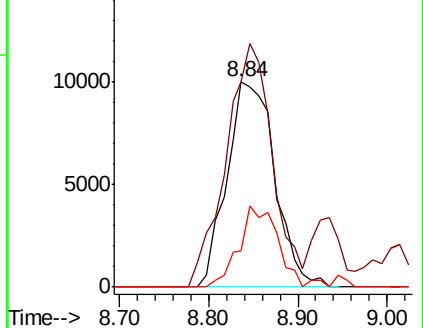
98 17.6 38.5 57.7#

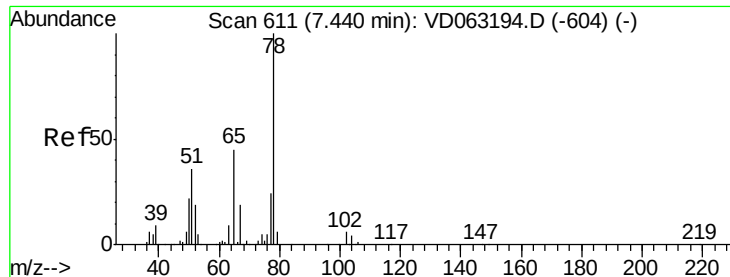


Abundance Ion 83.05 (82.75 to 83.75): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.05 (97.75 to 98.75): V





#40

Benzene

Concen: 34.662 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

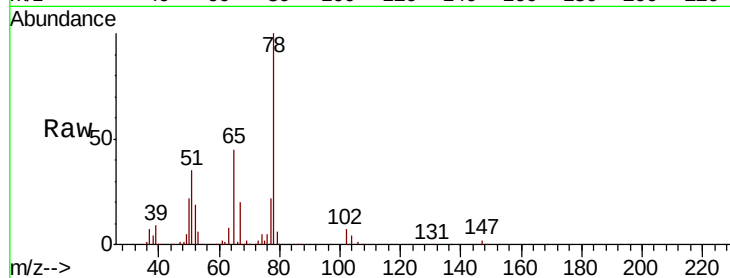
T1-2

Tot Ion: 78 Resp: 958443

Ion Ratio Lower Upper

78 100

77 22.1 19.4 29.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

7.45

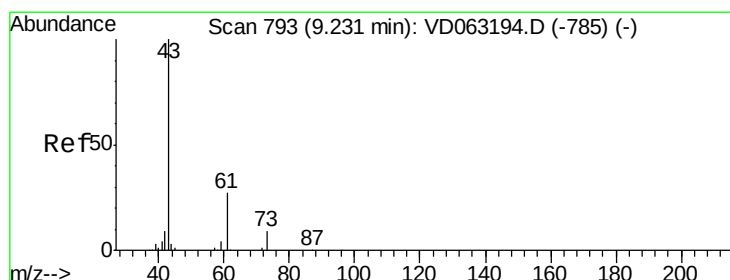
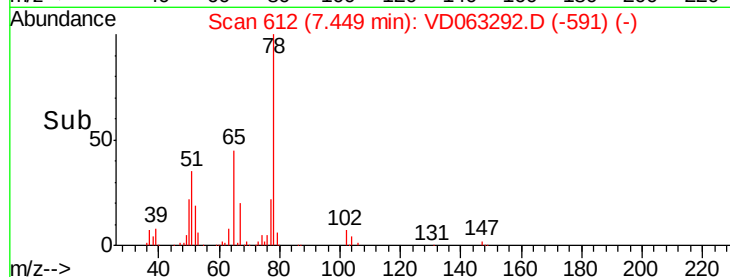
300000

200000

100000

0

Time-->



#43

Isopropyl Acetate

Concen: 1.898 ug/l

RT: 9.26 min Scan# 796

Delta R.T. 0.03 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

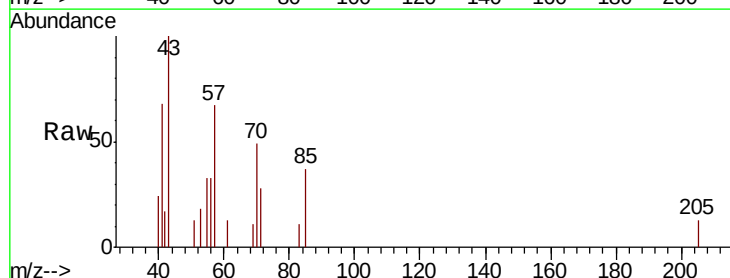
Tgt Ion: 43 Resp: 14372

Ion Ratio Lower Upper

43 100

61 13.4 21.4 32.0#

87 0.0 0.2 0.4#



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

9.26

4000

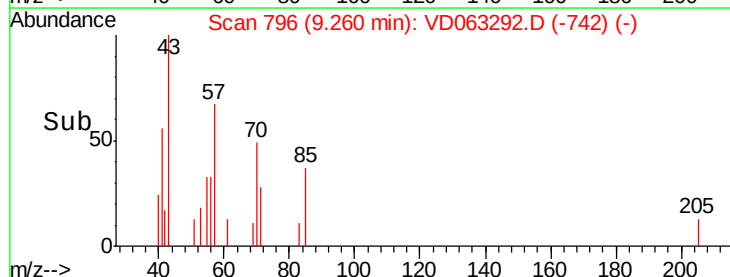
3000

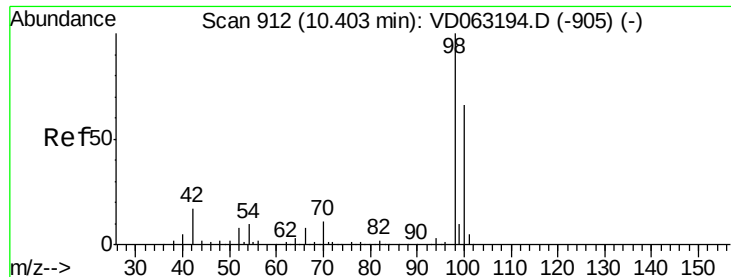
2000

1000

0

Time-->





#50

Toluene-d8

Concen: 38.575 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampled :

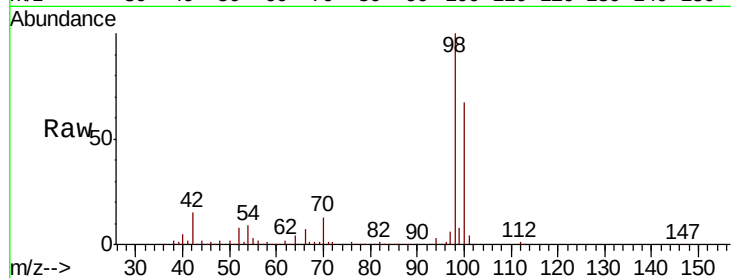
T1-2

Tot Ion: 98 Resp: 1065565

Ion Ratio Lower Upper

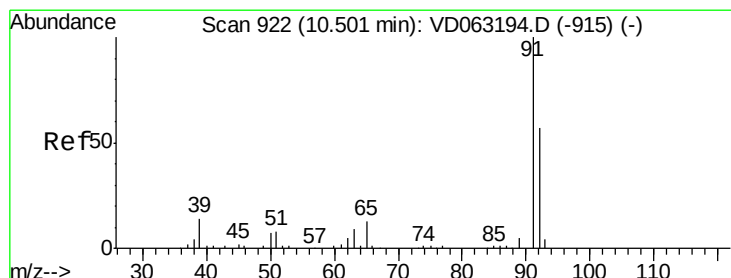
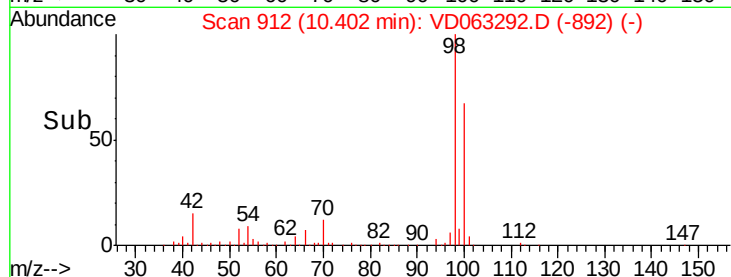
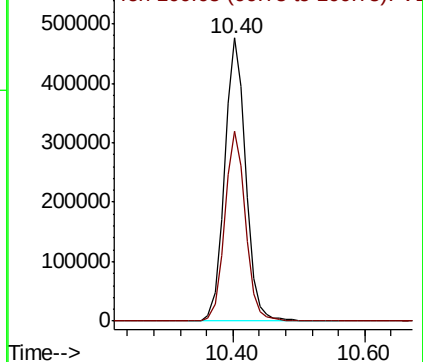
98 100

100 67.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 1.330 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD063292.D

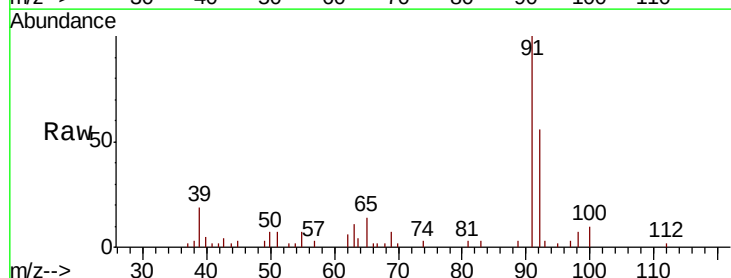
Acq: 1 Aug 2019 15:08

Tgt Ion: 92 Resp: 24454

Ion Ratio Lower Upper

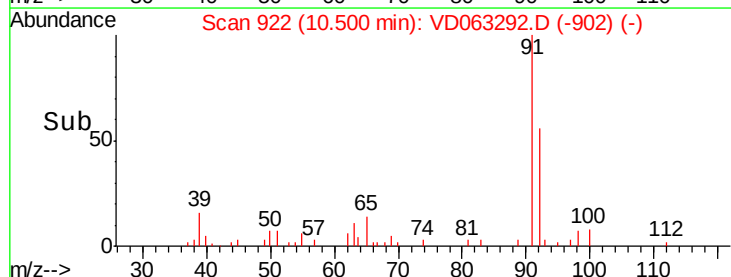
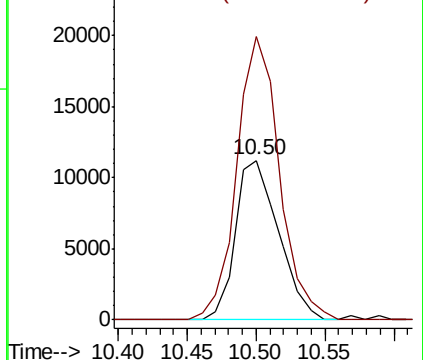
92 100

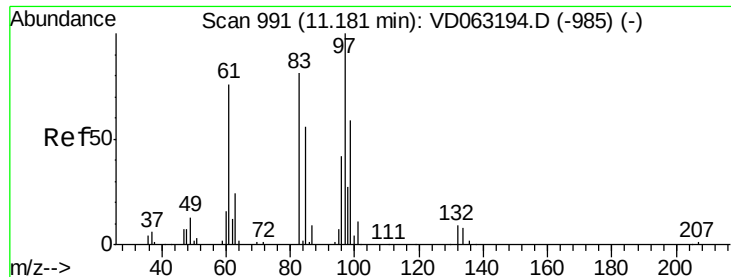
91 177.7 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

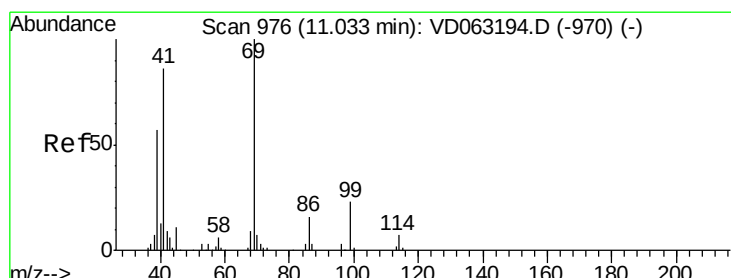
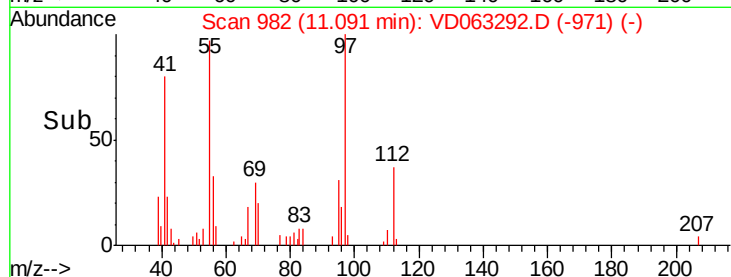
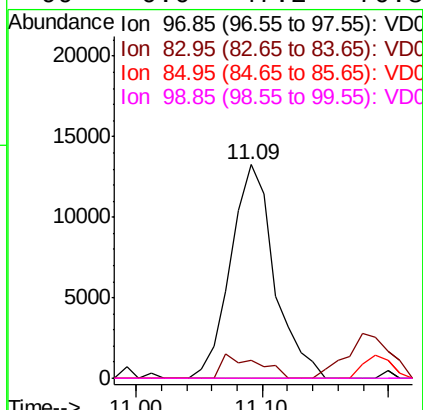
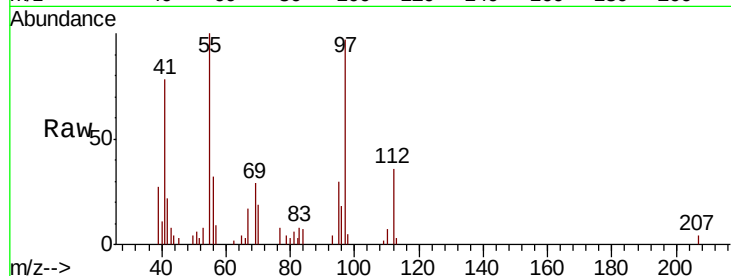




#55
 1,1,2-Trichloroethane
 Concen: 5.147 ug/l
 RT: 11.09 min Scan# 982
 Delta R.T. -0.09 min
 Lab File: VD063292.D
 Acq: 1 Aug 2019 15:08

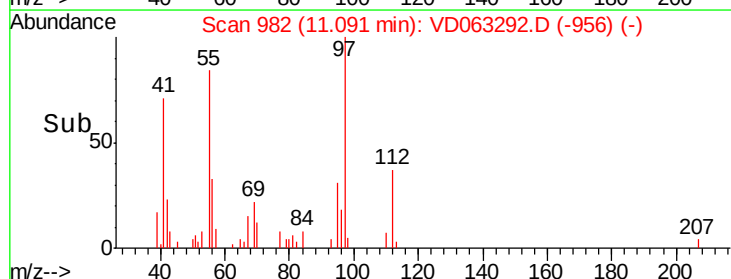
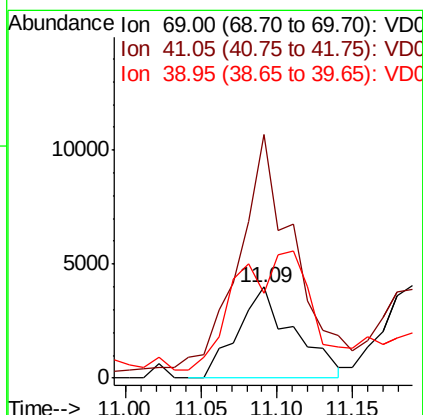
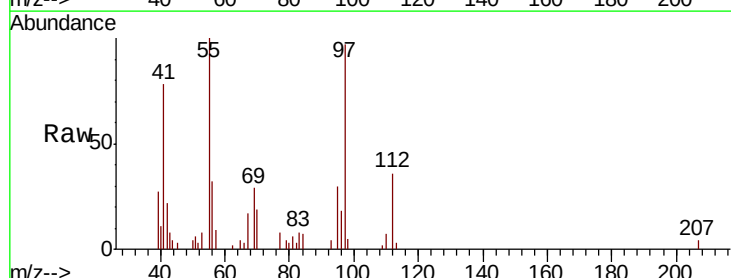
Instrument :
 MSVOA_D
 ClientSampleId :
 T1-2

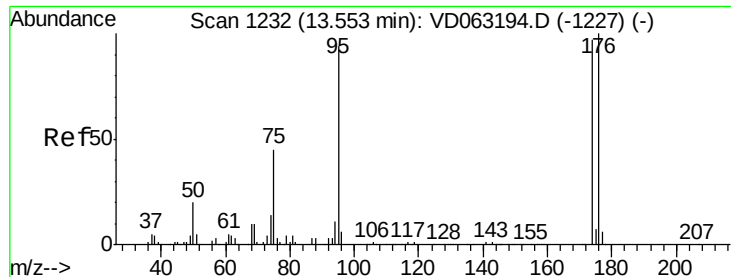
Tot Ion: 97 Resp: 31966
 Ion Ratio Lower Upper
 97 100
 83 8.2 64.8 97.2#
 85 0.0 44.9 67.3#
 99 0.0 47.2 70.8#



#56
 Ethyl methacrylate
 Concen: 1.511 ug/l
 RT: 11.09 min Scan# 982
 Delta R.T. 0.06 min
 Lab File: VD063292.D
 Acq: 1 Aug 2019 15:08

Tgt Ion: 69 Resp: 10280
 Ion Ratio Lower Upper
 69 100
 41 266.9 68.8 103.2#
 39 93.5 45.8 68.8#

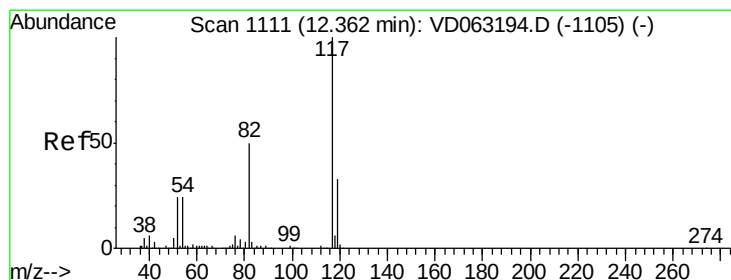
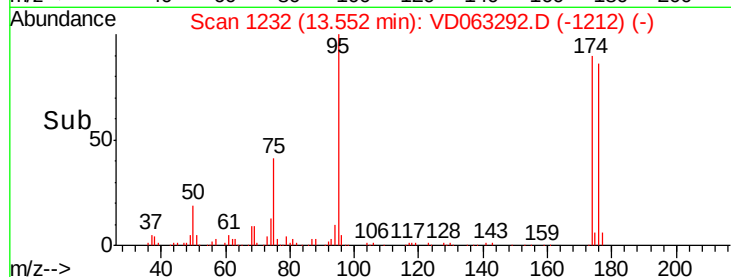
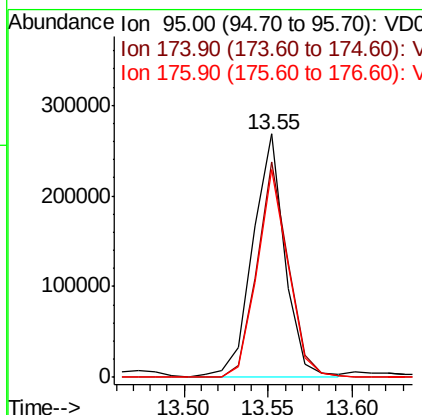
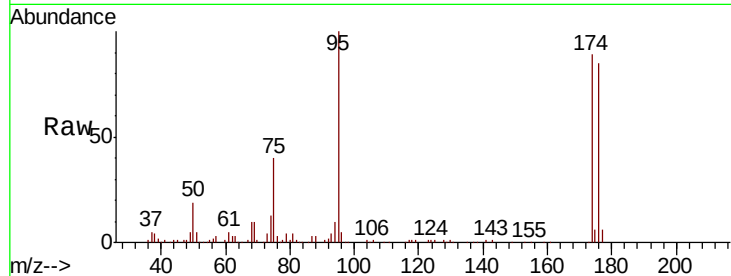




#62
4-Bromofluorobenzene
Concen: 27.690 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

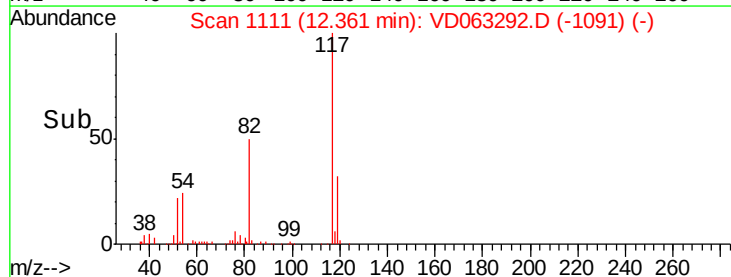
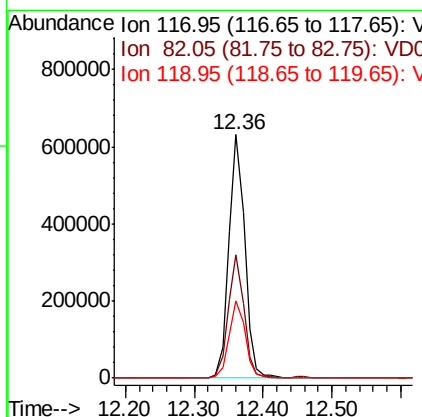
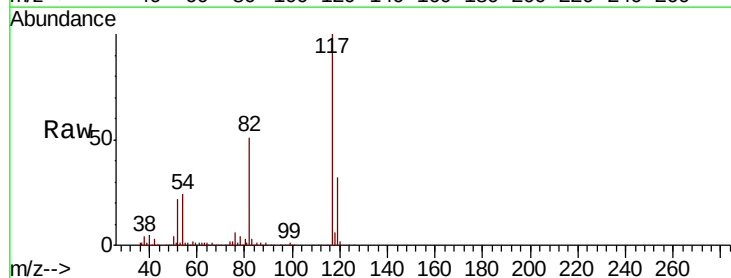
Instrument :
MSVOA_D
ClientSampleId :
T1-2

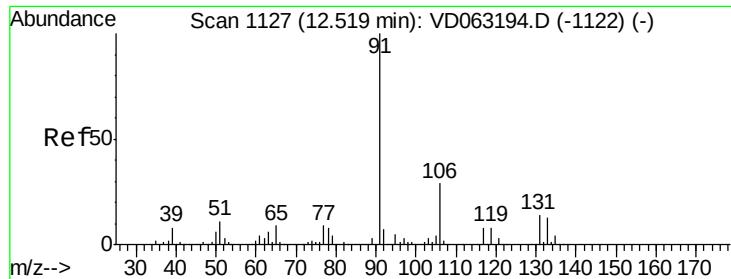
Tot Ion	95	Resp	348557
Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	205.4
176	85.3	0.0	211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion	117	Resp	1010567
Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.1	60.1
119	31.8	26.5	39.7

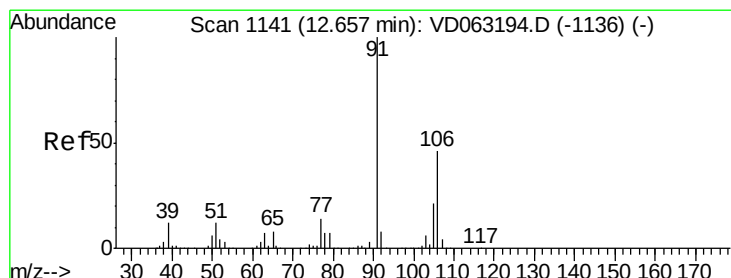
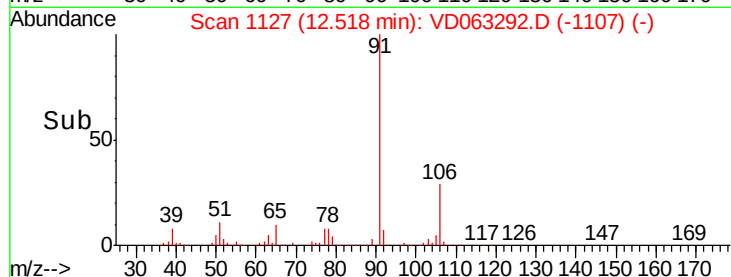
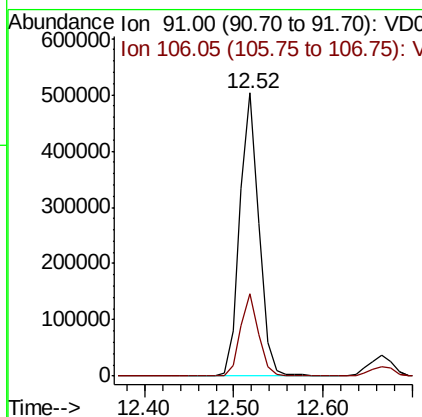
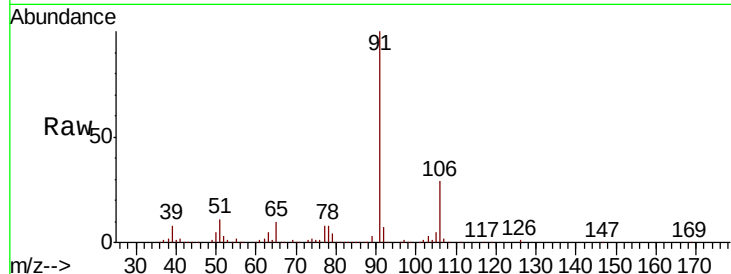




#67
Ethyl Benzene
Concen: 22.895 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

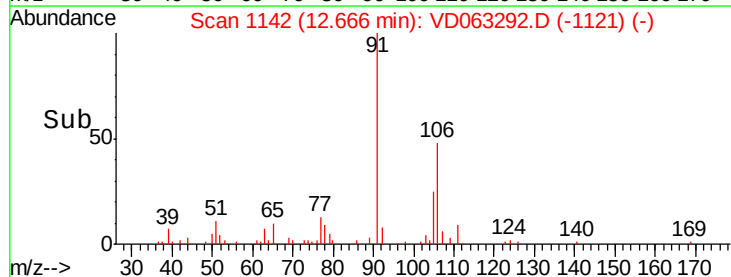
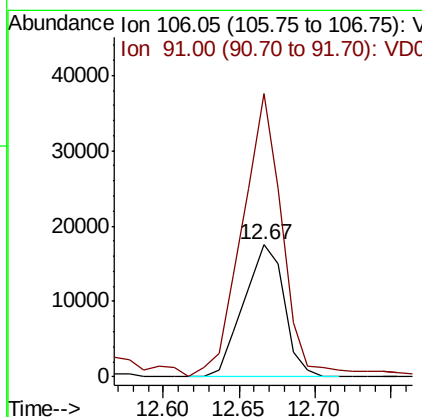
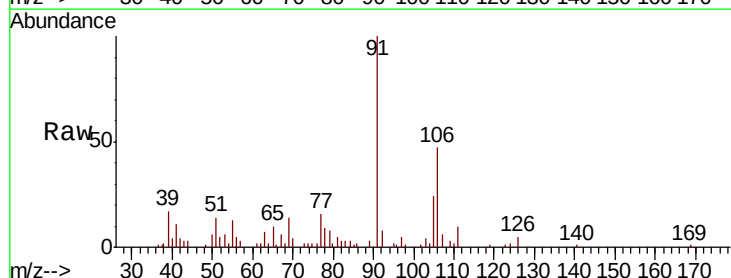
Instrument :
MSVOA_D
ClientSampled :
T1-2

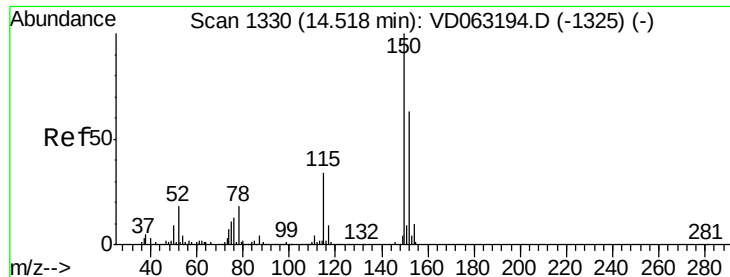
Tot Ion: 91 Resp: 755992
Ion Ratio Lower Upper
91 100
106 29.0 22.9 34.3



#68
m/p-Xylenes
Concen: 2.700 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion: 106 Resp: 32691
Ion Ratio Lower Upper
106 100
91 214.8 172.6 259.0



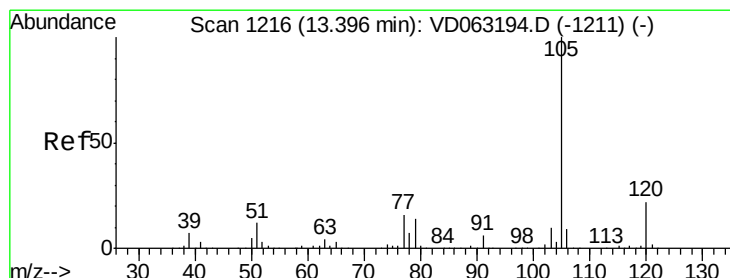
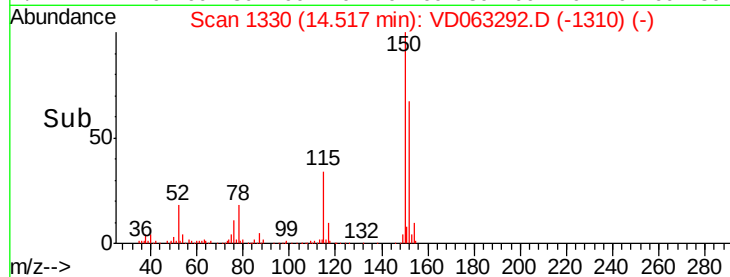
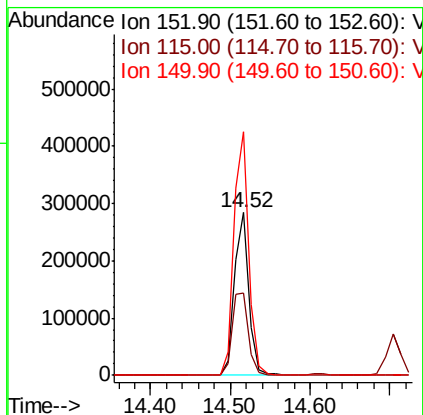
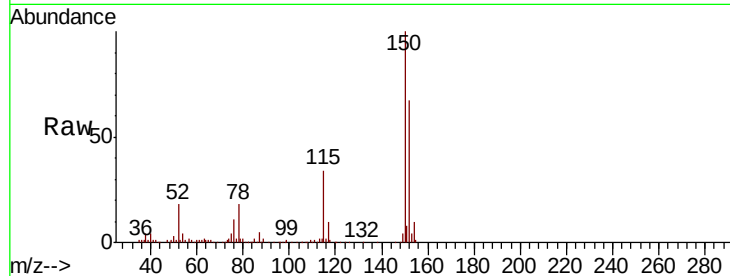


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
T1-2

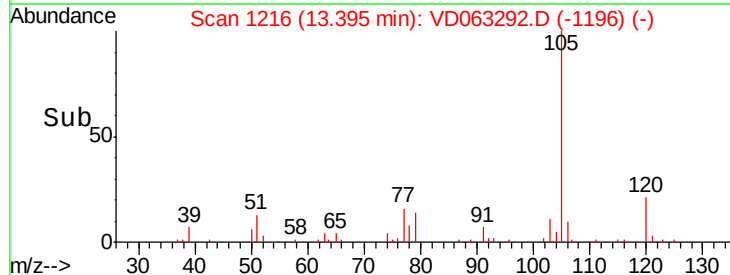
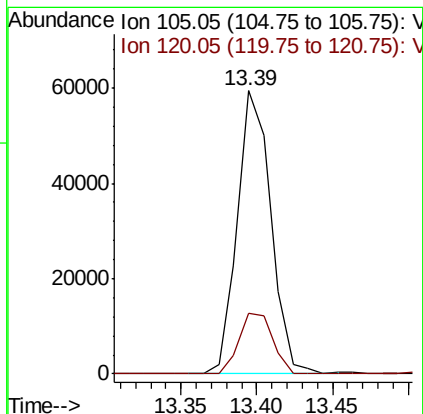
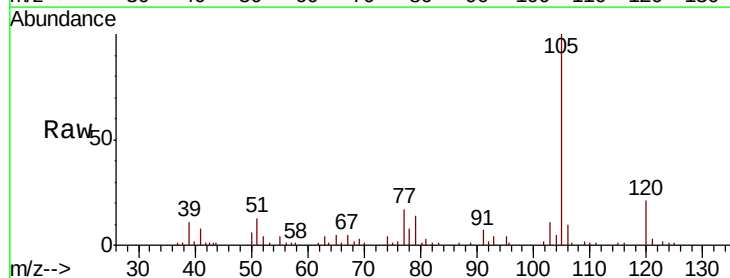
Tot Ion	Ratio	Lower	Upper
152	100		
115	51.0	27.5	82.4
150	149.9	0.0	320.6

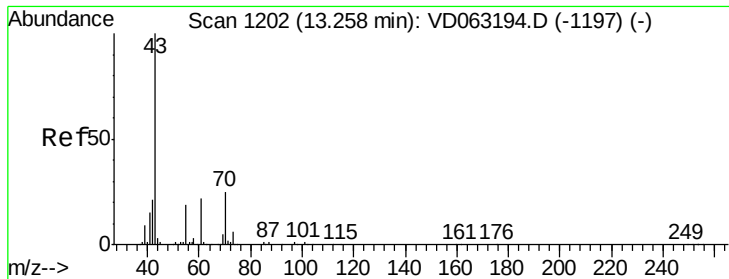


#73

Isopropylbenzene
Concen: 4.036 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	21.3	11.1	33.3





#74

N-amvl acetate

Concen: 1.391 ug/l

RT: 13.31 min Scan# 1207

Delta R.T. 0.05 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

T1-2

Tot Ion: 43 Resp: 8345

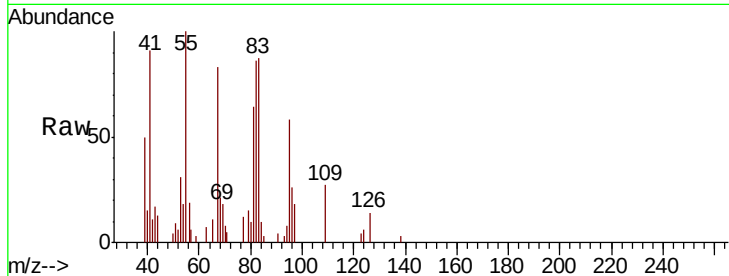
Ion Ratio Lower Upper

43 100

70 45.2 20.2 30.4#

55 582.4 14.9 22.3#

61 0.0 17.9 26.9#

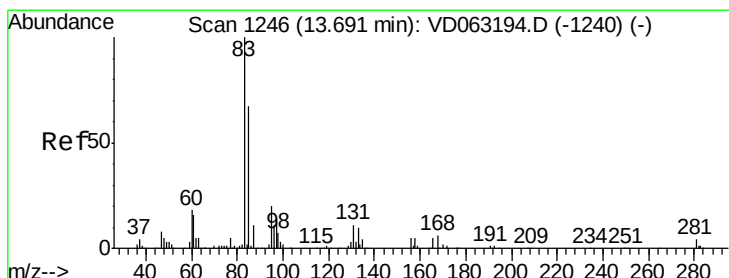
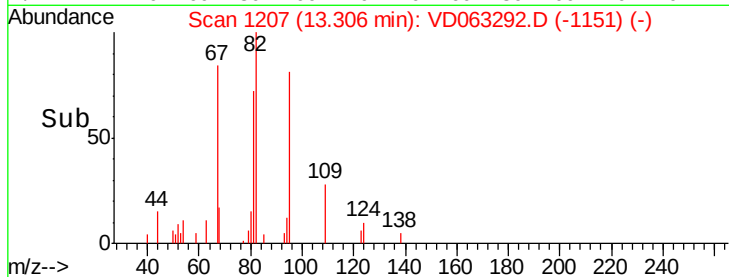
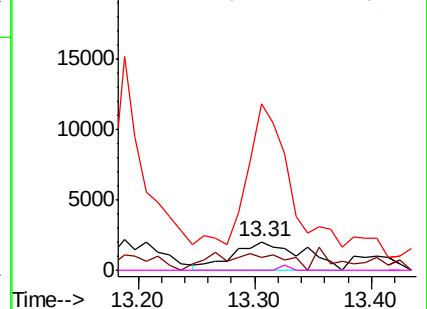


Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 1.710 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

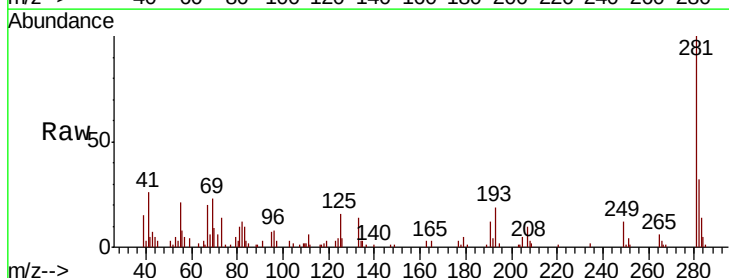
Tgt Ion: 83 Resp: 6590

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

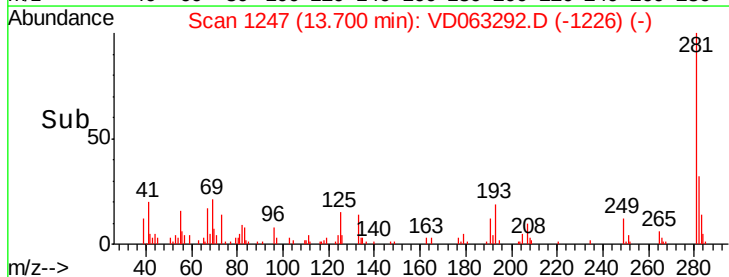
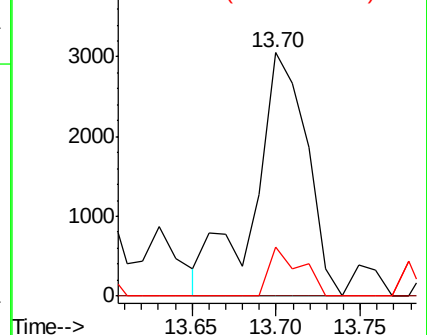
85 20.2 33.7 101.1#

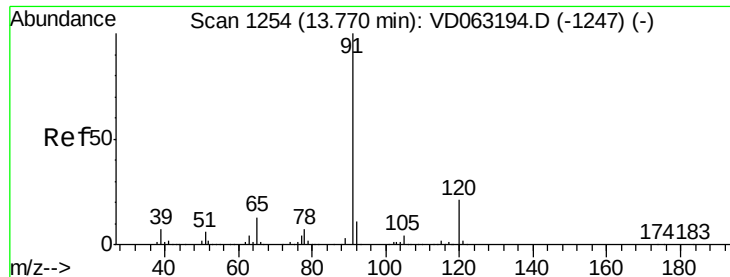


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC





#78

n-propylbenzene

Concen: 7.171 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampled :

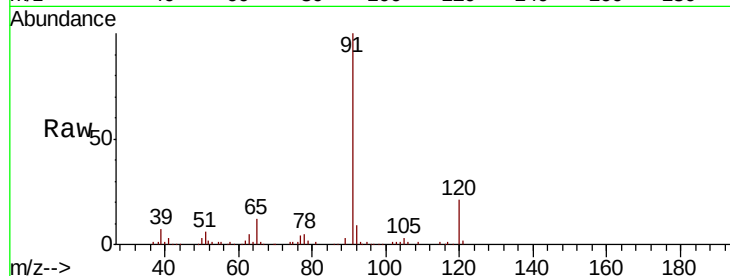
T1-2

Tot Ion: 91 Resp: 193648

Ion Ratio Lower Upper

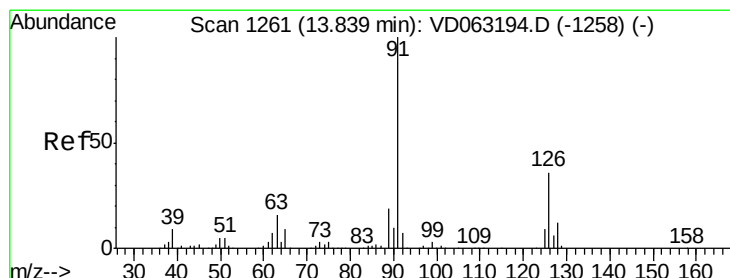
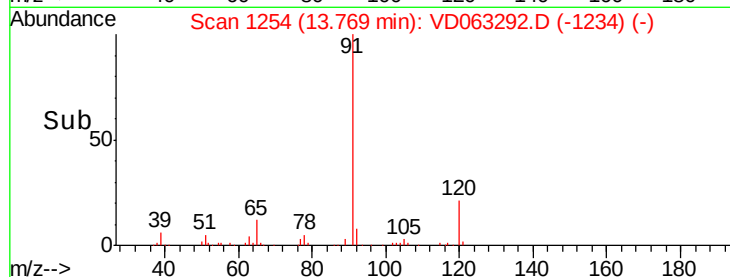
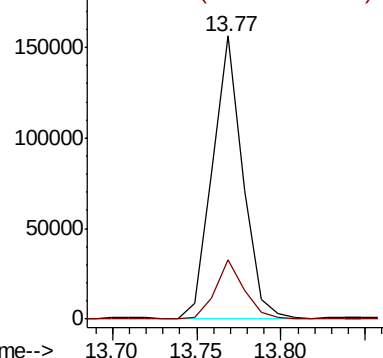
91 100

120 20.8 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 12.376 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.07 min

Lab File: VD063292.D

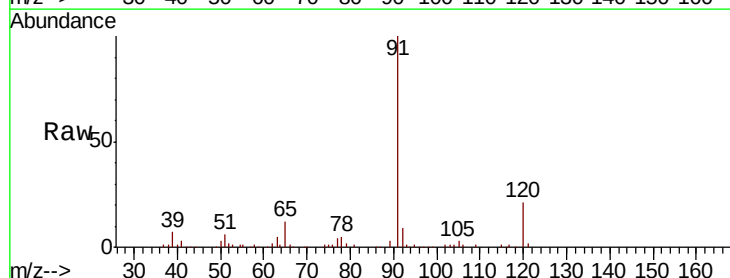
Acq: 1 Aug 2019 15:08

Tgt Ion: 91 Resp: 193648

Ion Ratio Lower Upper

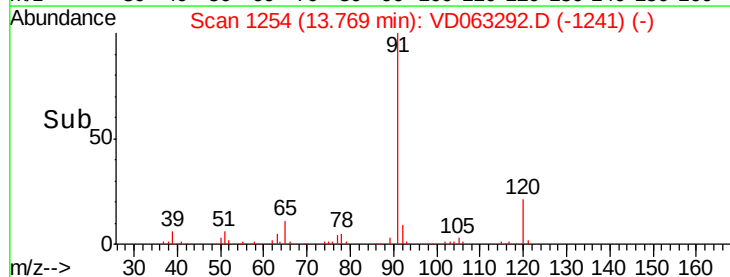
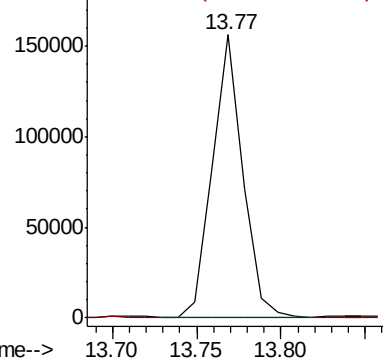
91 100

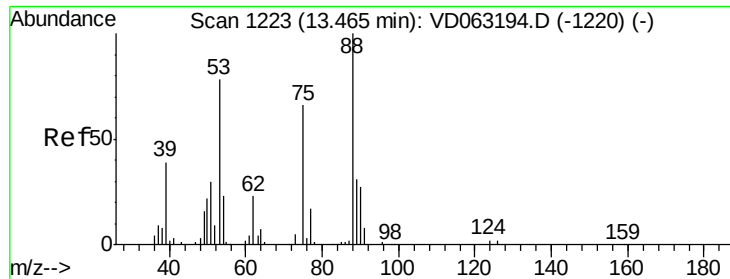
126 0.0 17.8 53.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 122.827 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleID :

T1-2

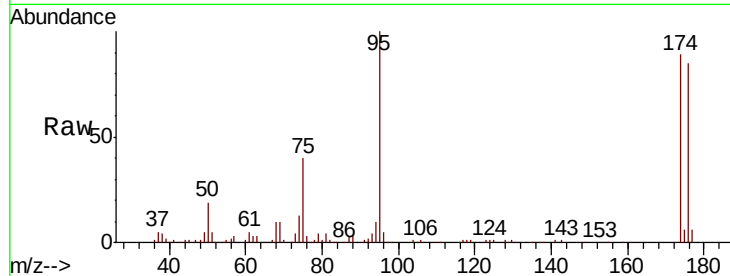
Tot Ion: 75 Resp: 148119

Ion Ratio Lower Upper

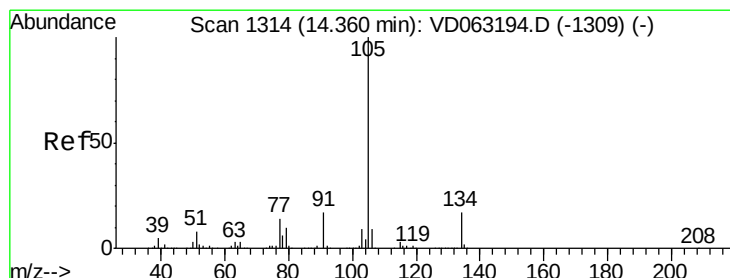
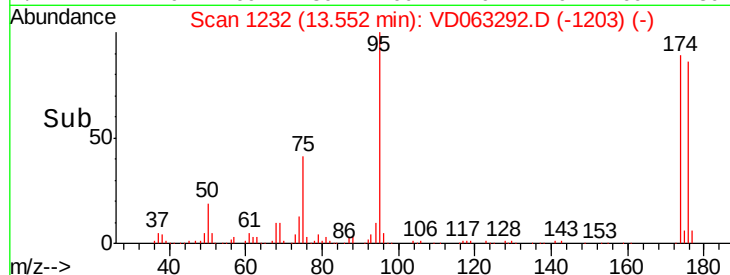
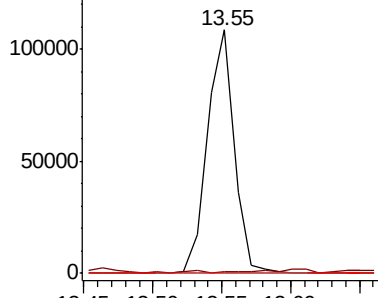
75 100

53 0.7 94.9 142.3#

89 0.0 37.4 56.0#



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



#85

sec-Butylbenzene

Concen: 1.805 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VD063292.D

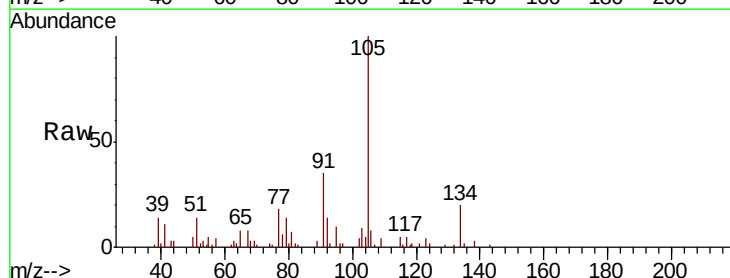
Acq: 1 Aug 2019 15:08

Tgt Ion:105 Resp: 42497

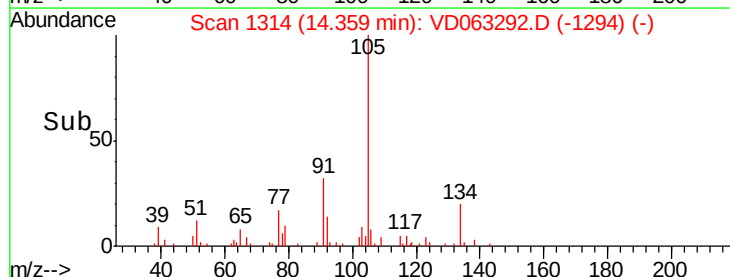
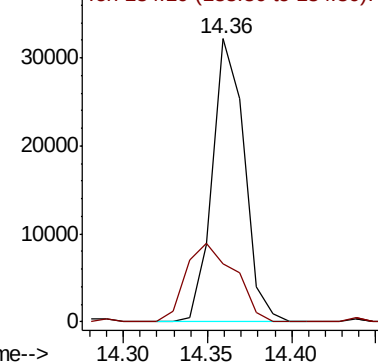
Ion Ratio Lower Upper

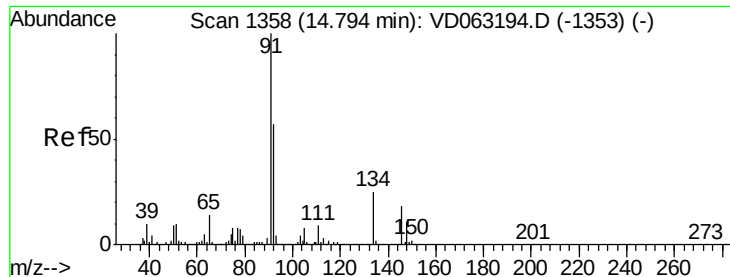
105 100

134 20.5 8.3 24.9



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 134.10 (133.80 to 134.80): V





#89

n-Butylbenzene

Concen: 4.534 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampled :

T1-2

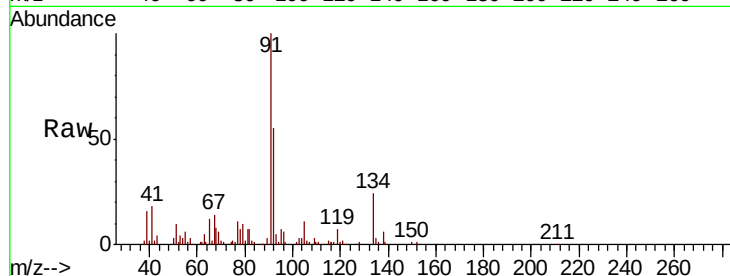
Tot Ion: 91 Resp: 88008

Ion Ratio Lower Upper

91 100

92 55.1 28.3 85.0

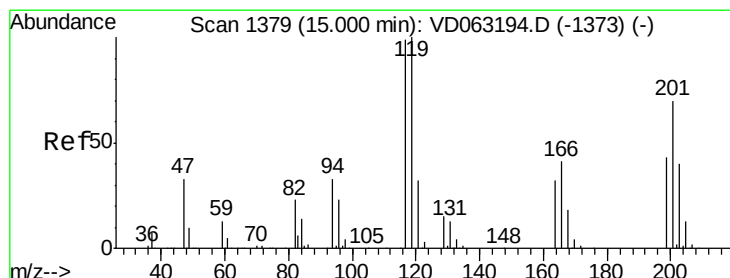
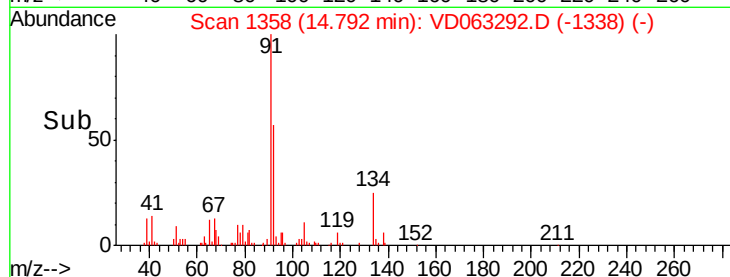
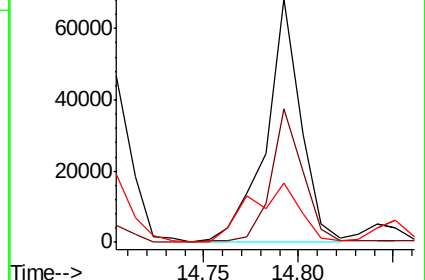
134 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 3.016 ug/l

RT: 15.05 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VD063292.D

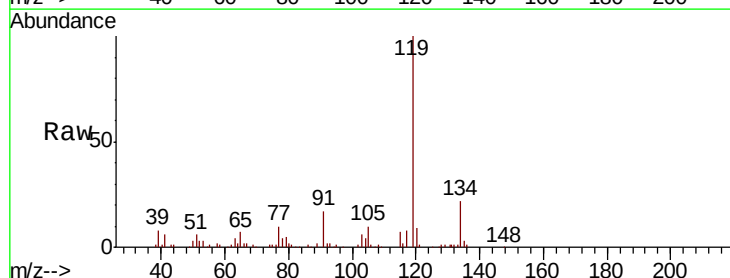
Acq: 1 Aug 2019 15:08

Tgt Ion: 117 Resp: 17660

Ion Ratio Lower Upper

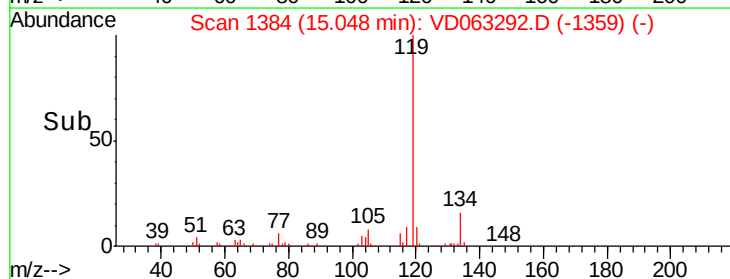
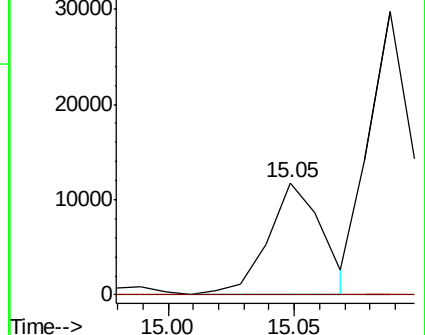
117 100

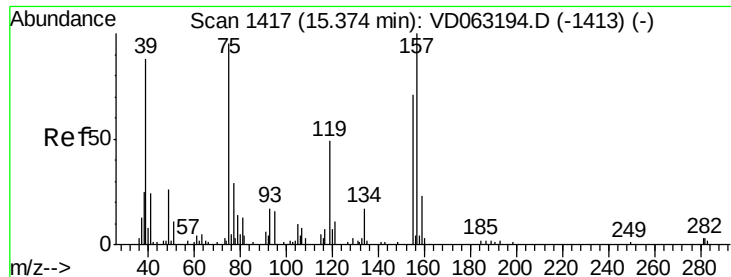
201 0.0 35.2 105.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.412 ug/l

RT: 15.34 min Scan# 1414

Delta R.T. -0.03 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

T1-2

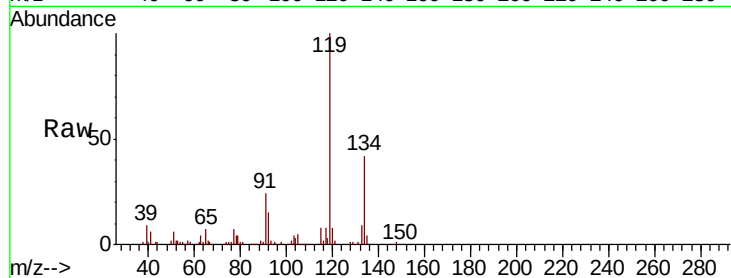
Tot Ion: 75 Resp: 1894

Ion Ratio Lower Upper

75 100

155 0.0 37.0 111.0#

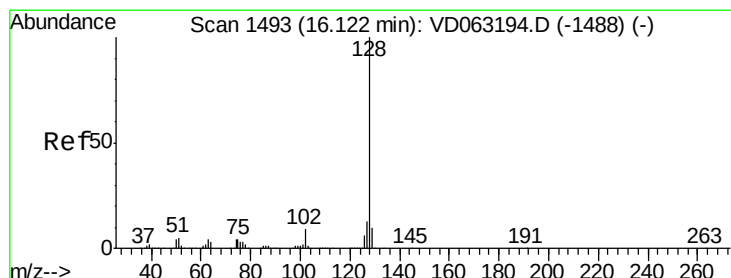
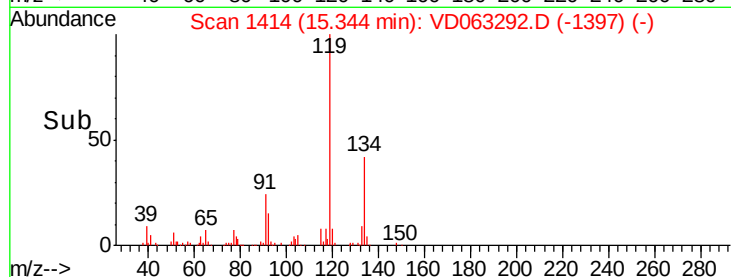
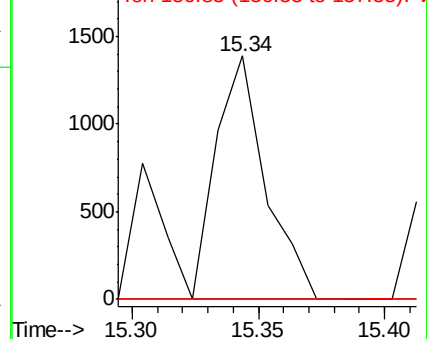
157 0.0 52.4 157.2#



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: 5.706 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD063292.D

Acq: 1 Aug 2019 15:08

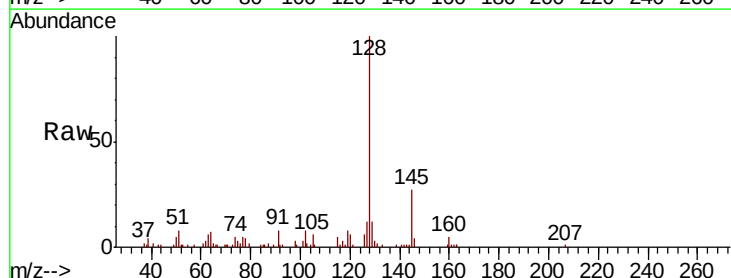
Tgt Ion: 128 Resp: 63814

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 12.2 7.8 11.8#



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

