

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058377.D
 Acq On : 24 Jun 2018 17:46
 Operator : VA/AP
 Sample : J3671-19
 Misc : 6.53g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 25 04:04:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	778118	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	1034187	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	766773	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	421448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	379559	48.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	5.56	113	420517	49.96	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	8.72	98	929764	45.66	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.32%	
62) 4-Bromofluorobenzene	11.94	95	394648	47.44	ug/l	0.01
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.36	85	513	Below Cal	# 43
3) Chloromethane	1.55	50	3510	Below Cal	# 43
4) Vinyl Chloride	1.56	62	348384	85.468	ug/l 97
5) Bromomethane	1.85	94	218	Below Cal	# 3
6) Chloroethane	1.89	64	32433	20.388	ug/l 89
11) Tert butyl alcohol	3.26	59	5823	22.463	ug/l # 78
13) Acrolein	2.49	56	366	2.473	ug/l # 11
16) Acetone	2.61	43	95894	89.216	ug/l 96
20) Methylene Chloride	3.07	84	13126	Below Cal	# 78
24) 1,1-Dichloroethane	3.99	63	108425	8.144	ug/l # 95
25) 2-Butanone	4.84	43	19676	8.399	ug/l 100
27) cis-1,2-Dichloroethene	4.81	96	65366	8.953	ug/l 80
29) Tetrahydrofuran	5.20	42	8469	6.792	ug/l 94
31) Cyclohexane	5.61	56	17061	Below Cal	# 90
36) 1,1-Dichloropropene	5.65	75	58713	5.739	ug/l # 50
37) Ethyl Acetate	4.84	43	19676	3.375	ug/l # 1
38) Carbon Tetrachloride	5.65	117	62369	6.135	ug/l # 15
39) Methylcyclohexane	7.29	83	83021	8.331	ug/l 94
40) Benzene	6.03	78	1847647	75.814	ug/l 99
41) Methacrylonitrile	5.21	41	6123	2.175	ug/l # 58
44) Trichloroethene	6.99	130	15231	2.081	ug/l 85
49) 1,4-Dioxane	7.50	88	597	14.002	ug/l # 32
52) Toluene	8.81	92	30997	2.234	ug/l 96
55) 1,1,2-Trichloroethane	9.38	97	10203	2.078	ug/l # 13
59) 2-Hexanone	9.76	43	28954	7.905	ug/l # 39
65) Chlorobenzene	10.75	112	9742800	679.279	ug/l 97
67) Ethyl Benzene	10.87	91	79340	3.133	ug/l 99
69) o-Xylene	11.41	106	13187	1.635	ug/l 94
73) Isopropylbenzene	11.78	105	228157	9.051	ug/l 100
74) N-amyl acetate	11.65	43	33207	3.407	ug/l # 58
75) 1,1,2,2-Tetrachloroethane	12.10	83	17438	2.973	ug/l # 62
78) n-propylbenzene	12.16	91	59859	1.839	ug/l 99
80) 1,3,5-Trimethylbenzene	12.47	105	257064	13.074	ug/l 72
81) trans-1,4-Dichloro-2-buten	11.93	75	181409	120.880	ug/l # 2

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
Data File : VD058377.D
Acq On : 24 Jun 2018 17:46
Operator : VA/AP
Sample : J3671-19
Misc : 6.53g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 25 04:04:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

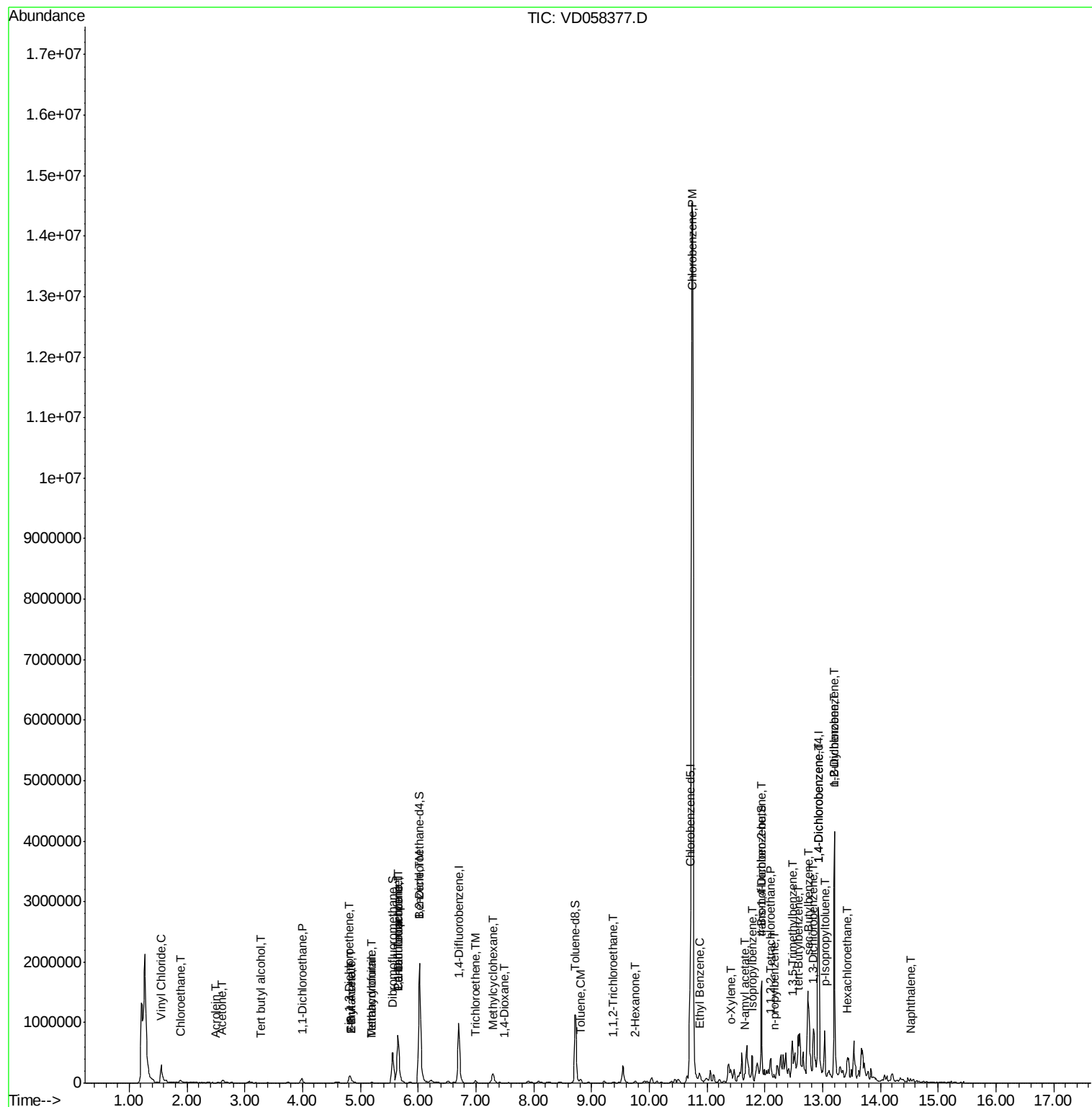
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.22	91	6206	Below Cal		79
83) tert-Butylbenzene	12.58	119	198613	8.786	uq/l	98
85) sec-Butylbenzene	12.76	105	450582	17.005	uq/l	88
86) p-Isopropyltoluene	13.03	119	288869	13.453	uq/l	94
87) 1,3-Dichlorobenzene	12.85	146	121262	9.242	uq/l	91
88) 1,4-Dichlorobenzene	12.94	146	826517	64.509	uq/l	96
89) n-Butylbenzene	13.20	91	51874	2.299	uq/l	95
90) Hexachloroethane	13.43	117	8048	1.444	uq/l #	1
91) 1,2-Dichlorobenzene	13.20	146	1223187	109.551	uq/l	99
95) Naphthalene	14.52	128	30337	2.157	uq/l	96

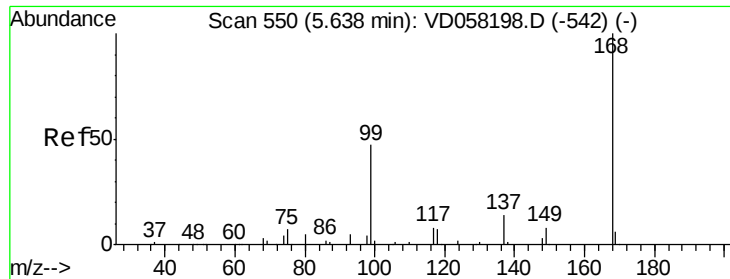
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062418\
Data File : VD058377.D
Acq On : 24 Jun 2018 17:46
Operator : VA/AP
Sample : J3671-19
Misc : 6.53g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 25 04:04:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration



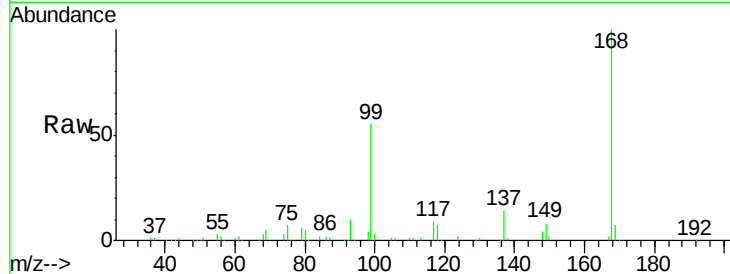


#1

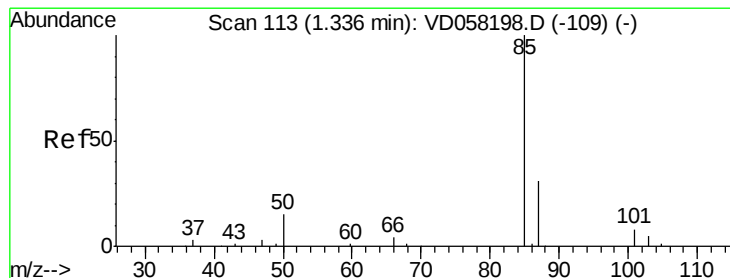
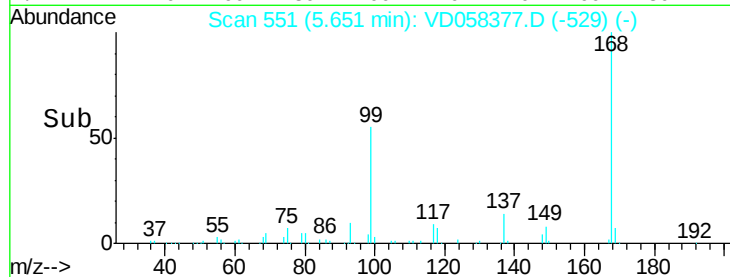
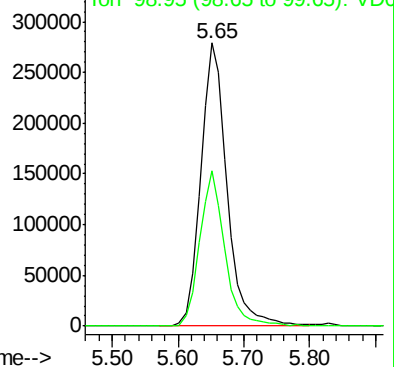
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: VD058377.D
 Acq: 24 Jun 2018 17:46

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:168 Resp: 778118
 Ion Ratio Lower Upper
 168 100
 99 54.9 41.1 61.7



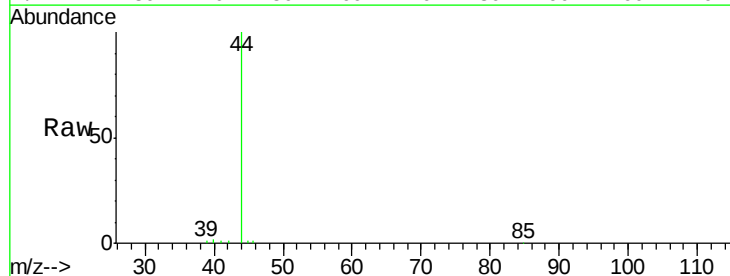
Abundance Ion 167.90 (167.60 to 168.60): V



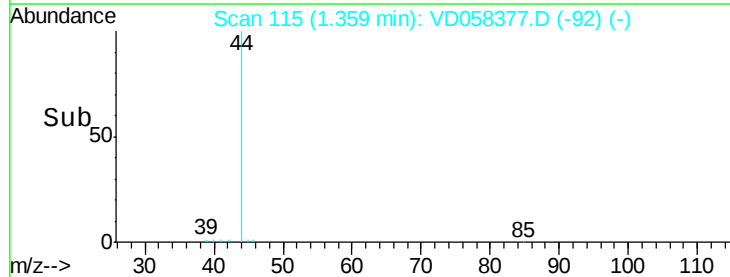
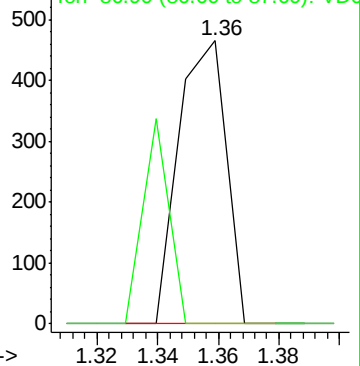
#2

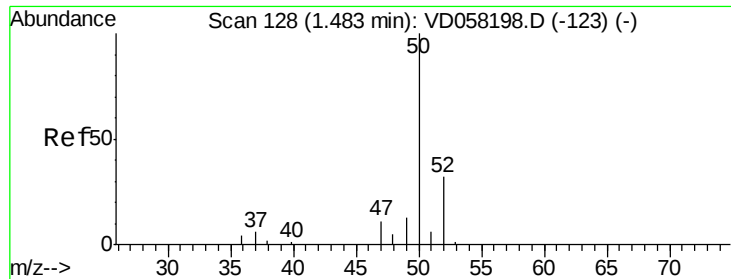
Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.36 min Scan# 115
 Delta R.T. 0.02 min
 Lab File: VD058377.D
 Acq: 24 Jun 2018 17:46

Tgt Ion: 85 Resp: 513
 Ion Ratio Lower Upper
 85 100
 87 0.0 15.7 47.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC





#3

Chloromethane

Concen: Below Cal

RT: 1.55 min Scan# 134

Delta R.T. 0.06 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

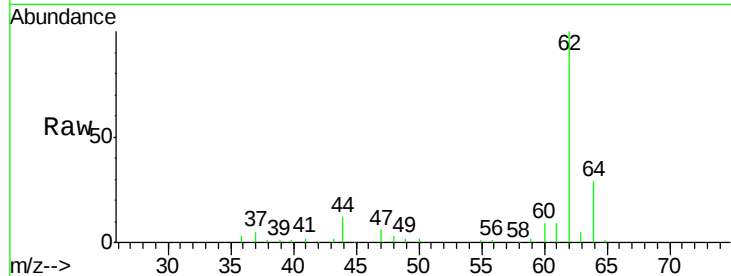
ClientSampleId :

Tot Ion: 50 Resp: 3510

Ion Ratio Lower Upper

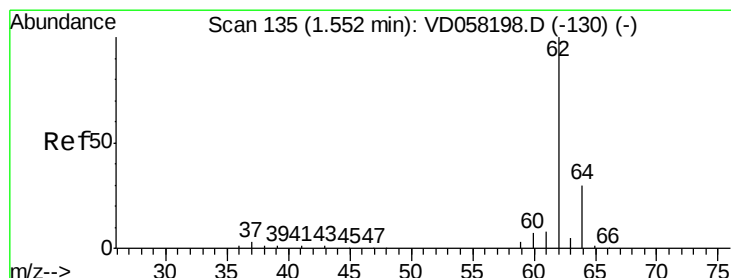
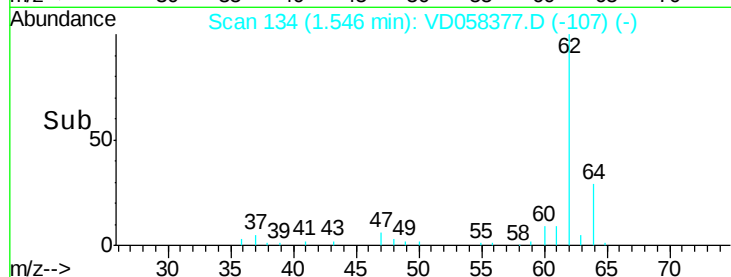
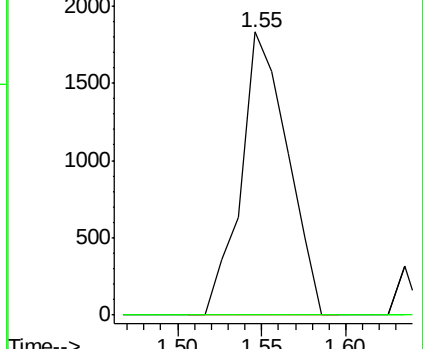
50 100

52 0.0 25.0 37.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 85.468 ug/l

RT: 1.56 min Scan# 135

Delta R.T. 0.00 min

Lab File: VD058377.D

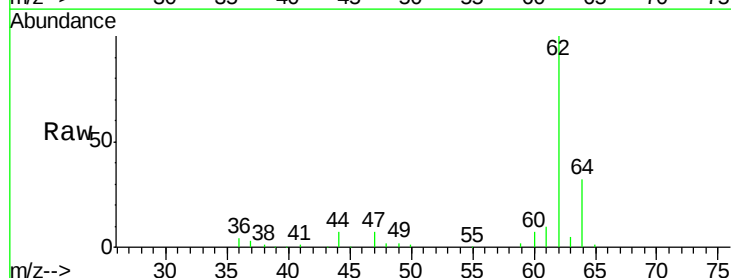
Acq: 24 Jun 2018 17:46

Tgt Ion: 62 Resp: 348384

Ion Ratio Lower Upper

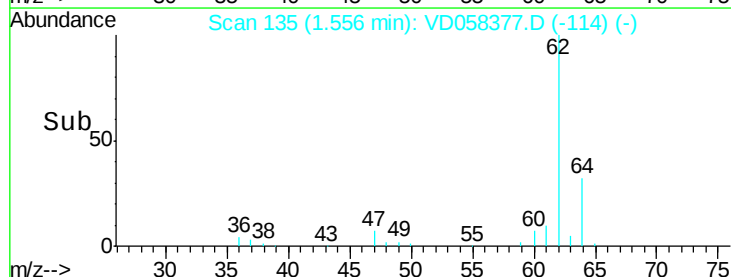
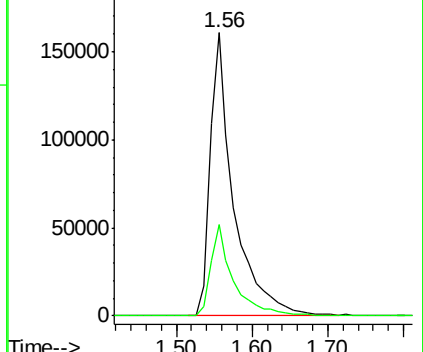
62 100

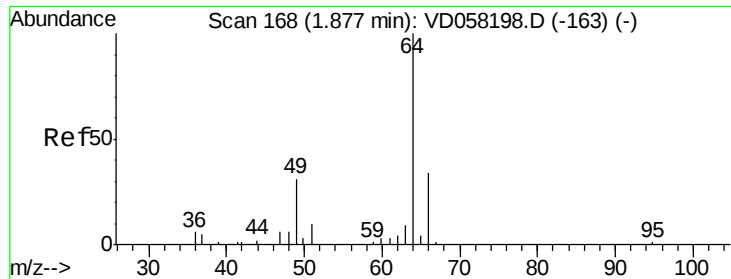
64 32.3 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#6

Chloroethane

Concen: 20.388 ug/l

RT: 1.89 min Scan# 169

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

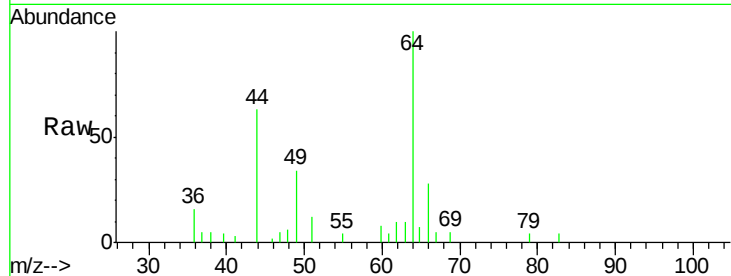
ClientSampleId :

Tot Ion: 64 Resp: 32433

Ion Ratio Lower Upper

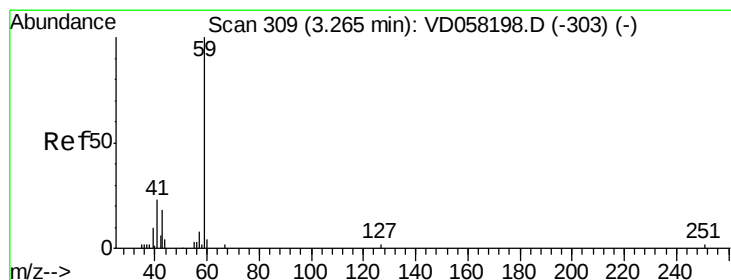
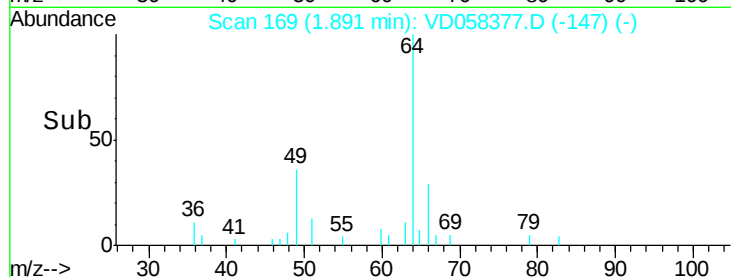
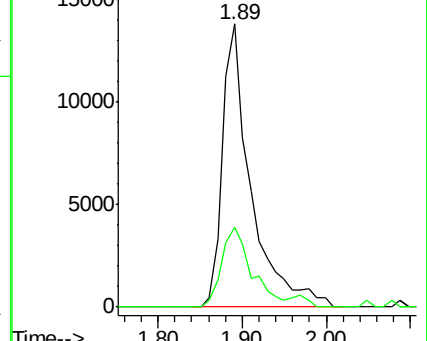
64 100

66 28.0 27.3 40.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#11

Tert butyl alcohol

Concen: 22.463 ug/l

RT: 3.26 min Scan# 308

Delta R.T. -0.01 min

Lab File: VD058377.D

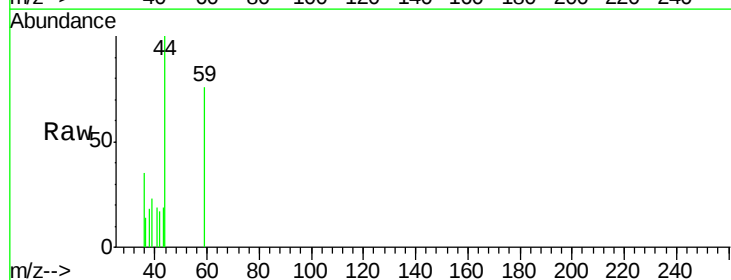
Acq: 24 Jun 2018 17:46

Tgt Ion: 59 Resp: 5823

Ion Ratio Lower Upper

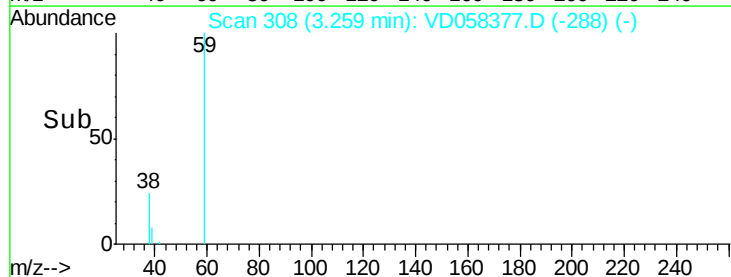
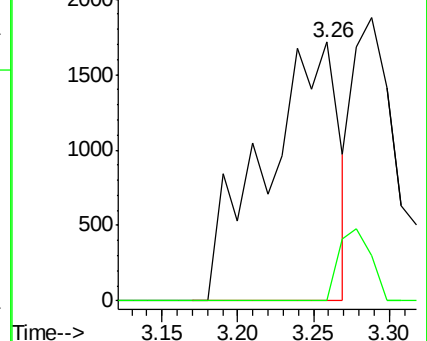
59 100

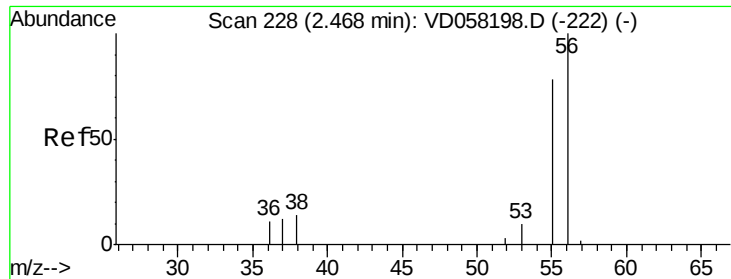
57 0.0 6.2 9.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 2.473 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.02 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

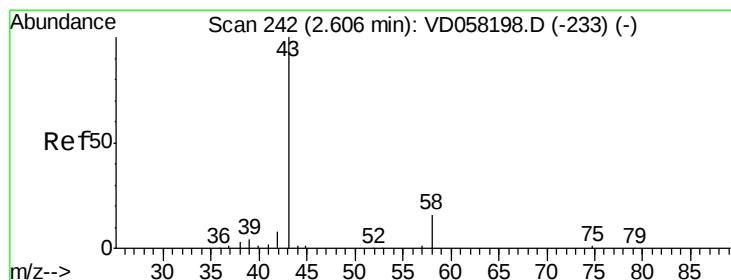
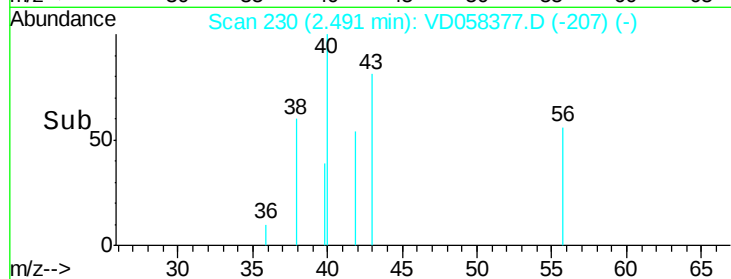
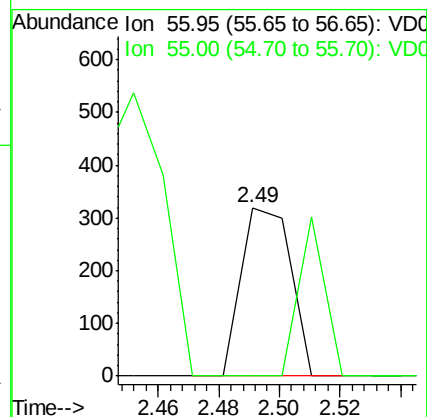
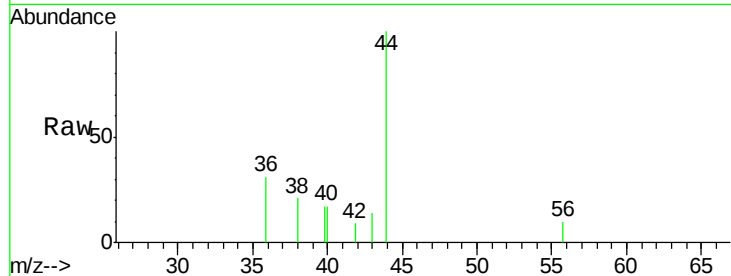
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 366

Ion Ratio Lower Upper

56 100

55 0.0 62.1 93.1#



#16

Acetone

Concen: 89.216 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD058377.D

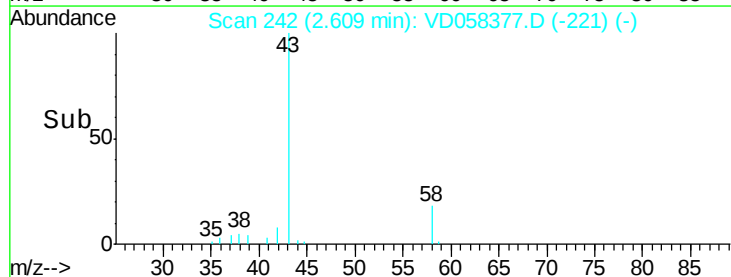
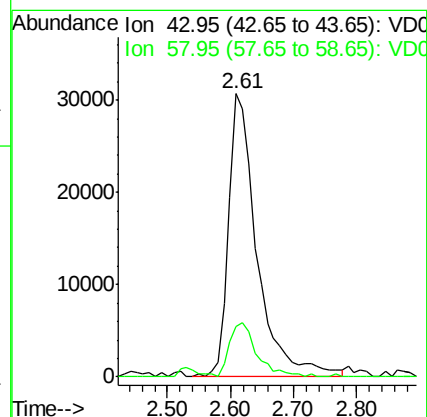
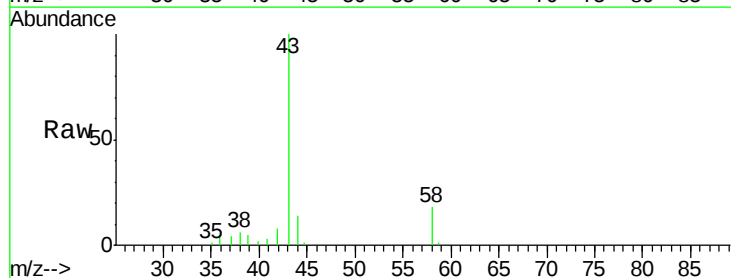
Acq: 24 Jun 2018 17:46

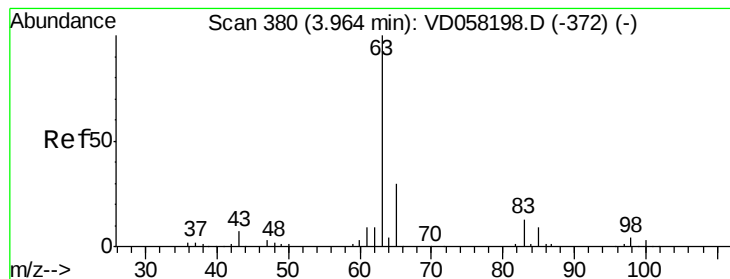
Tgt Ion: 43 Resp: 95894

Ion Ratio Lower Upper

43 100

58 17.8 12.7 19.1





#24

1,1-Dichloroethane

Concen: 8.144 ug/l

RT: 3.99 min Scan# 382

Delta R.T. 0.02 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :
MSVOA_D
ClientSampleId :

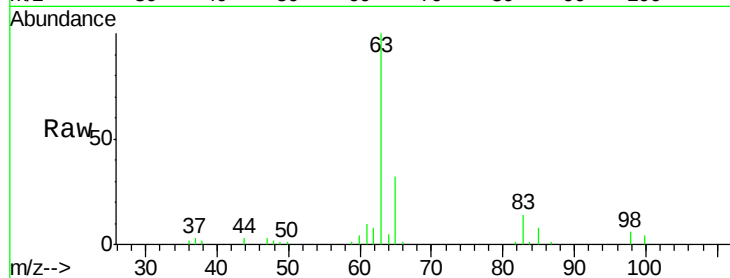
Tot Ion: 63 Resp: 108425

Ion Ratio Lower Upper

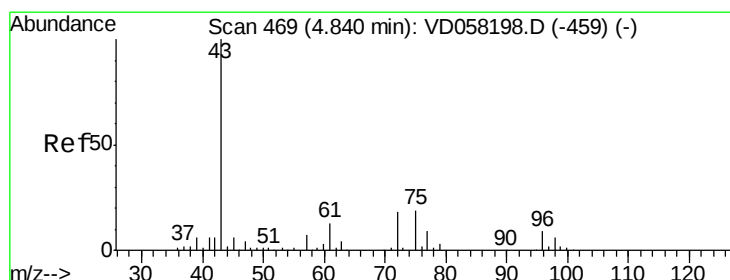
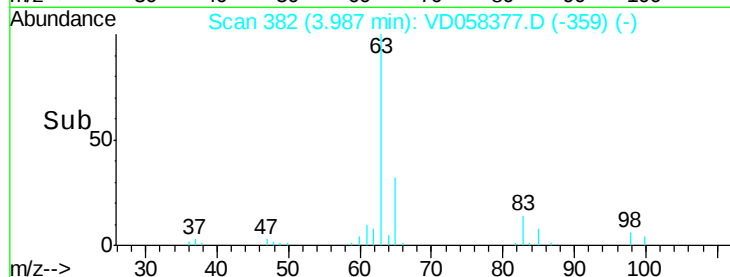
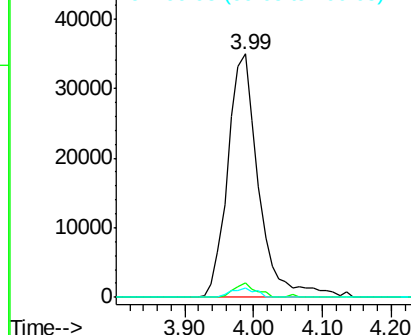
63 100

98 5.9 1.9 5.7#

100 3.8 1.3 3.9



Abundance Ion 62.95 (62.65 to 63.65): VDC
Ion 97.95 (97.65 to 98.65): VDC
Ion 99.95 (99.65 to 100.65): VDC



#25

2-Butanone

Concen: 8.399 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD058377.D

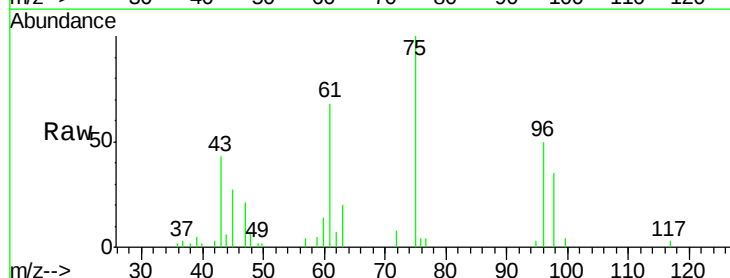
Acq: 24 Jun 2018 17:46

Tgt Ion: 43 Resp: 19676

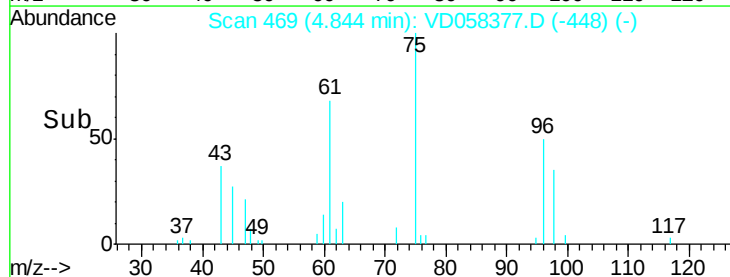
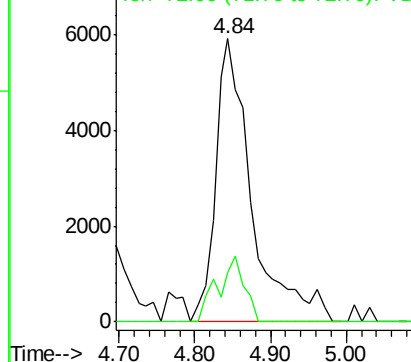
Ion Ratio Lower Upper

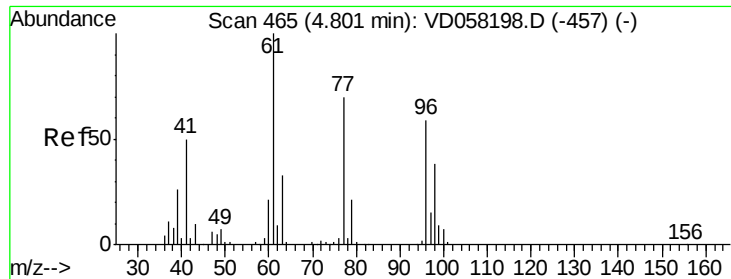
43 100

72 17.6 14.1 21.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



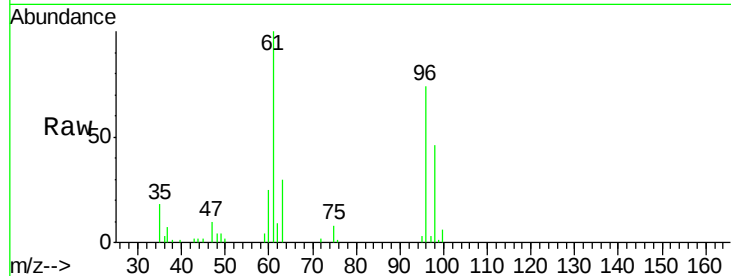


#27

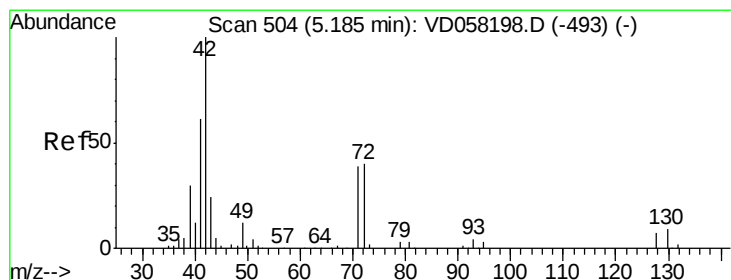
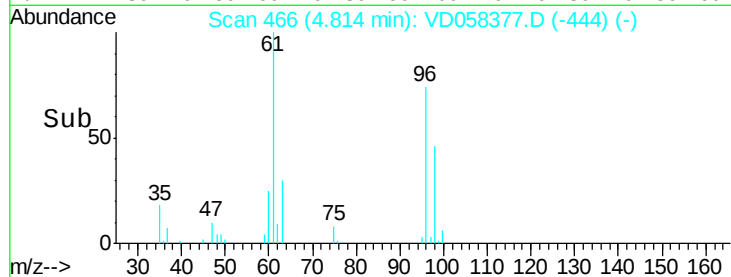
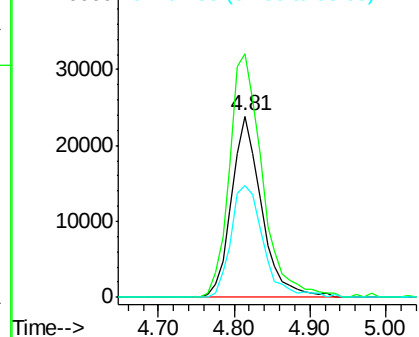
cis-1,2-Dichloroethene
Concen: 8.953 ug/l
RT: 4.81 min Scan# 466
Delta R.T. 0.01 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 65366
Ion Ratio Lower Upper
96 100
61 134.6 0.0 338.6
98 61.8 0.0 130.2



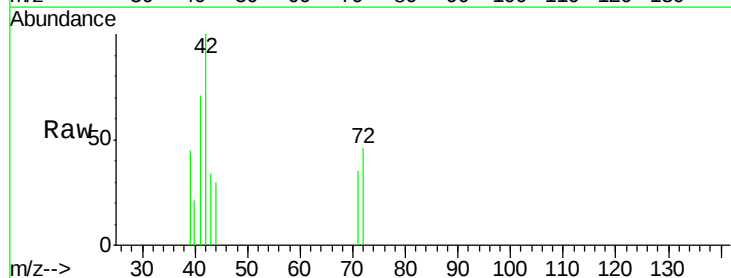
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



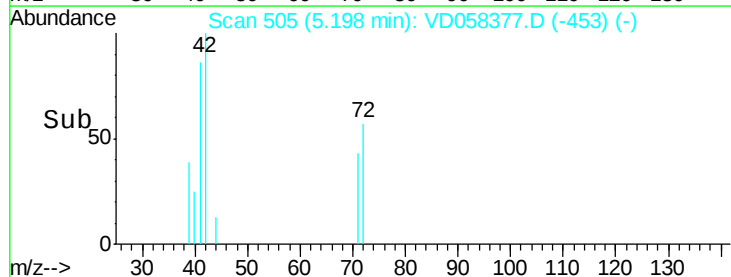
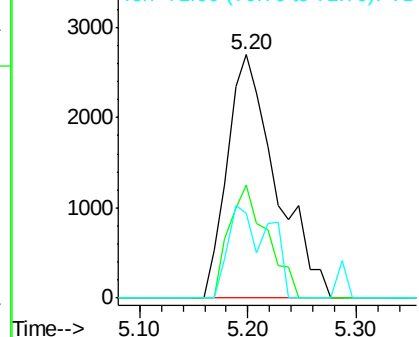
#29

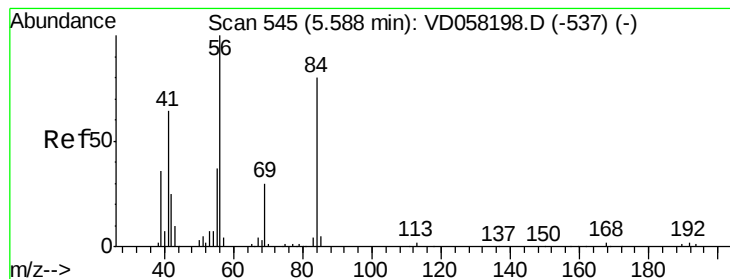
Tetrahydrofuran
Concen: 6.792 ug/l
RT: 5.20 min Scan# 505
Delta R.T. 0.01 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Tgt Ion: 42 Resp: 8469
Ion Ratio Lower Upper
42 100
72 36.3 30.2 45.2
71 31.9 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC





#31

Cyclohexane

Concen: Below Cal

RT: 5.61 min Scan# 547

Delta R.T. 0.02 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

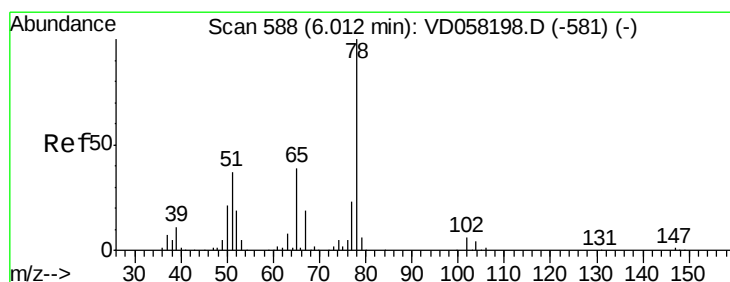
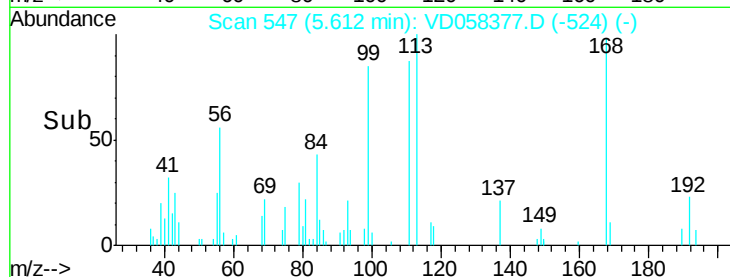
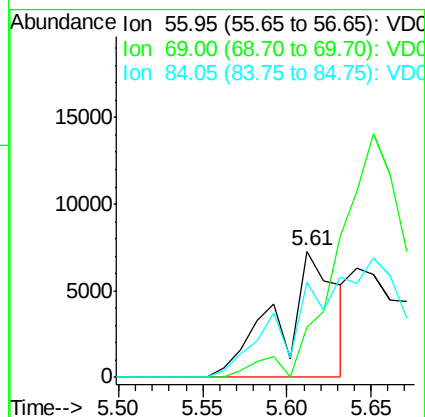
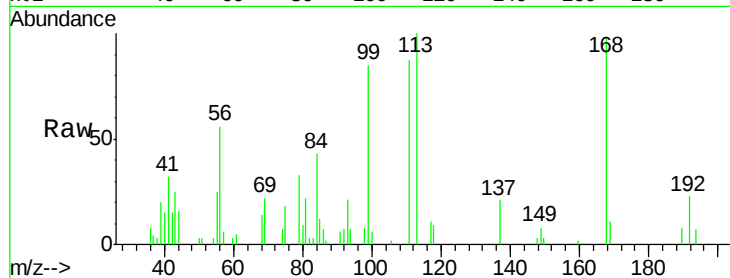
Tot Ion: 56 Resp: 17061

Ion Ratio Lower Upper

56 100

69 39.5 23.6 35.4#

84 75.9 65.2 97.8



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.03 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058377.D

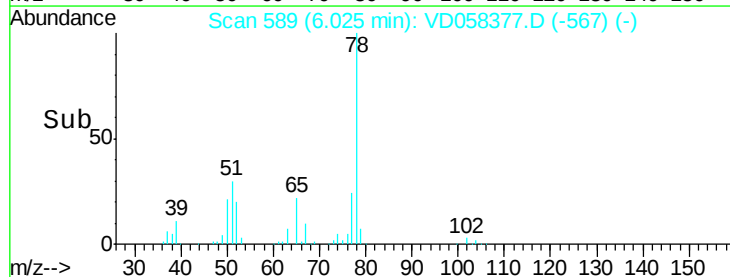
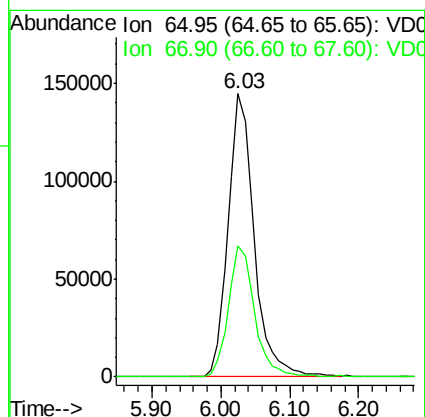
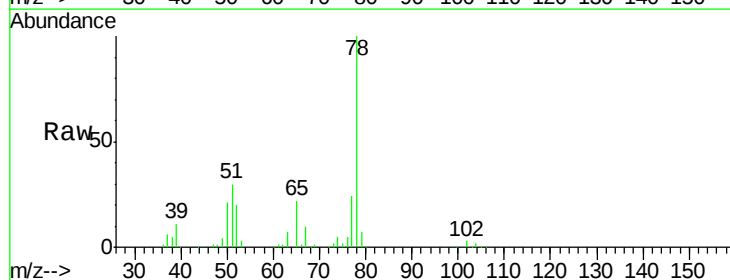
Acq: 24 Jun 2018 17:46

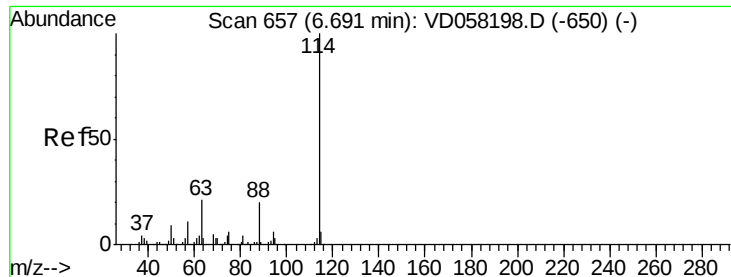
Tgt Ion: 65 Resp: 379559

Ion Ratio Lower Upper

65 100

67 46.4 0.0 97.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.70 min Scan# 658

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampled :

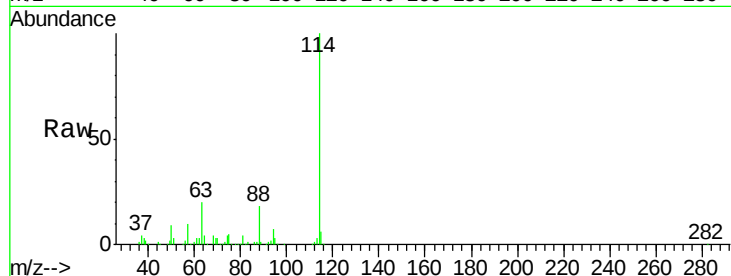
Tot Ion:114 Resp: 1034187

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

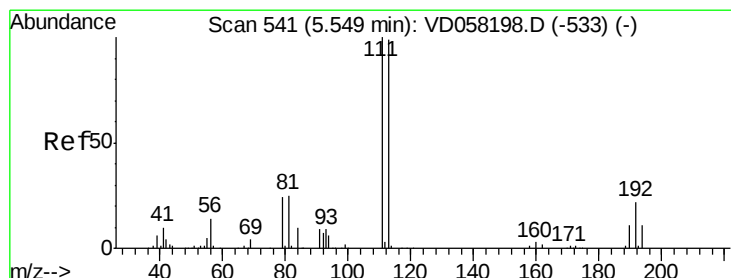
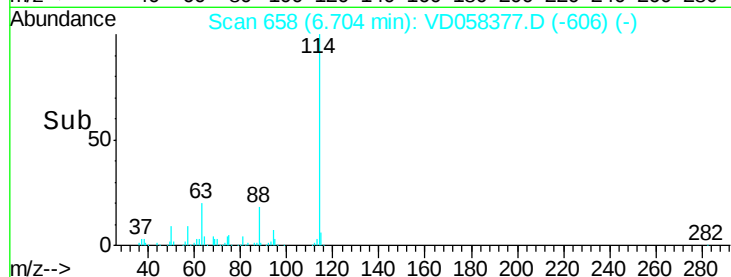
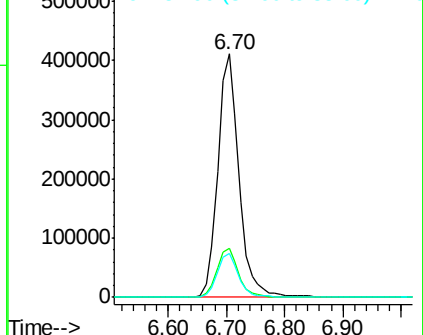
88 18.3 0.0 40.6



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: 50.000 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

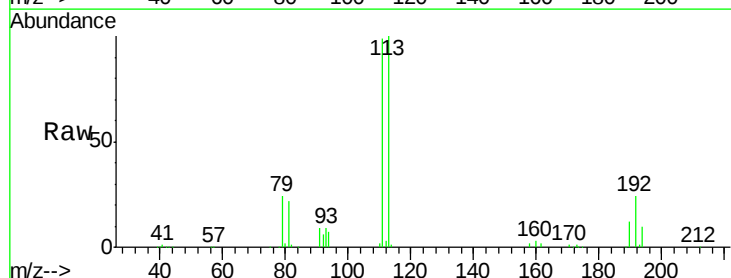
Tgt Ion:113 Resp: 420517

Ion Ratio Lower Upper

113 100

111 99.1 80.6 121.0

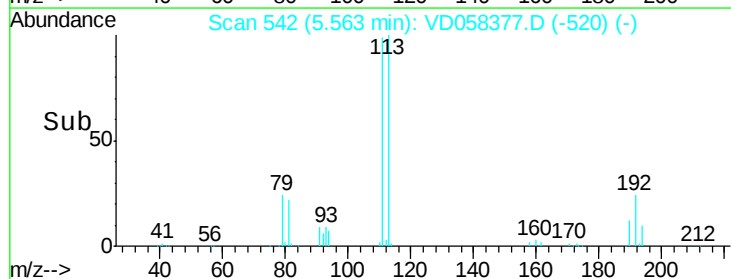
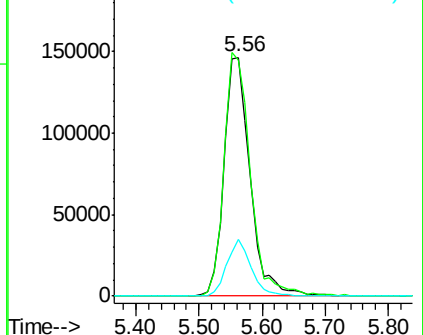
192 23.9 17.8 26.6

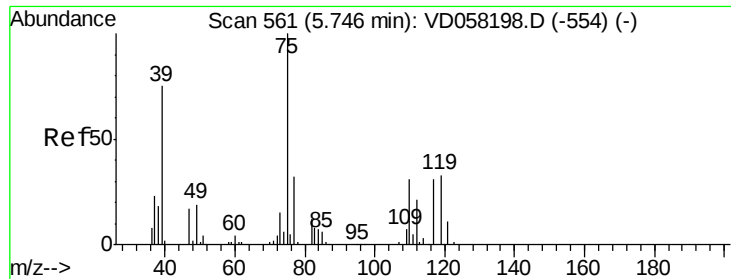


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.739 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.09 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampled :

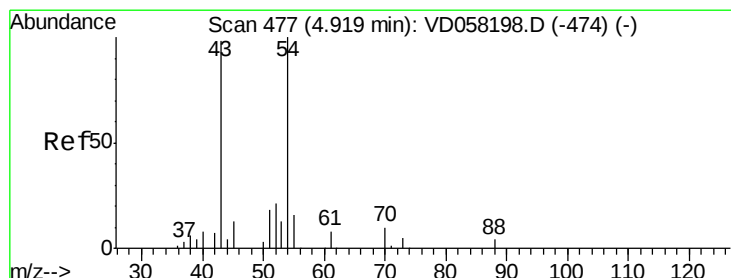
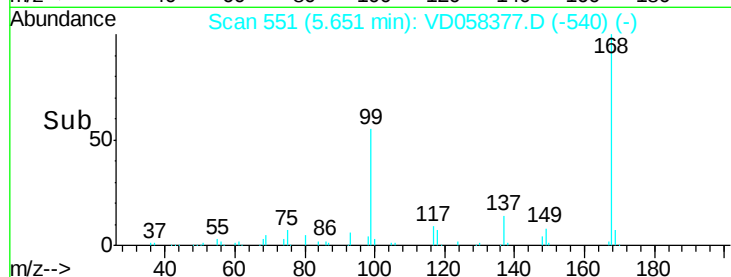
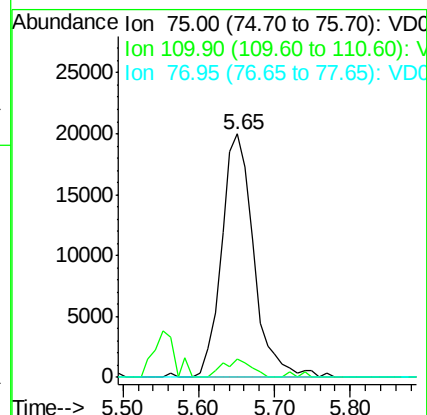
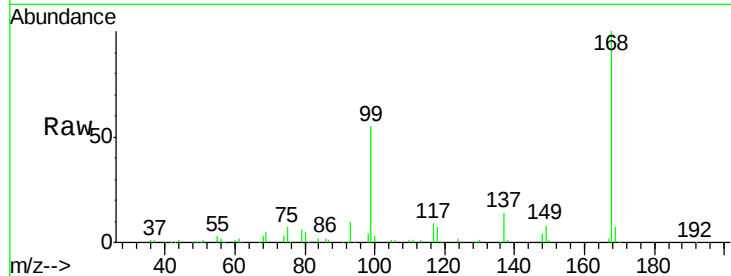
Tot Ion: 75 Resp: 58713

Ion Ratio Lower Upper

75 100

110 7.4 15.4 46.4#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 3.375 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.08 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

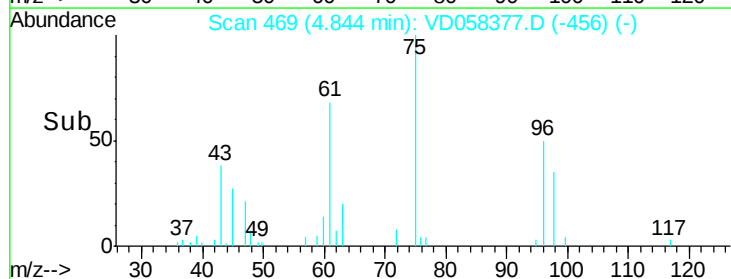
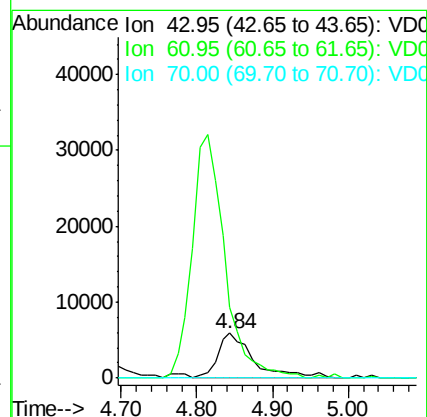
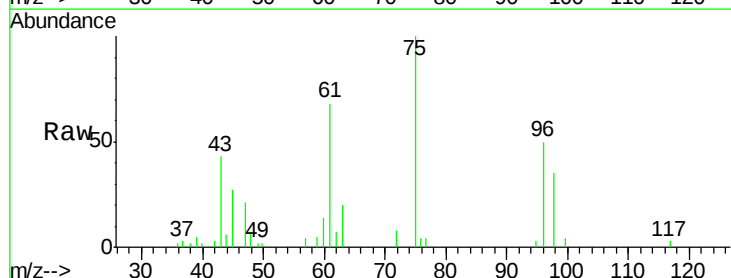
Tgt Ion: 43 Resp: 19676

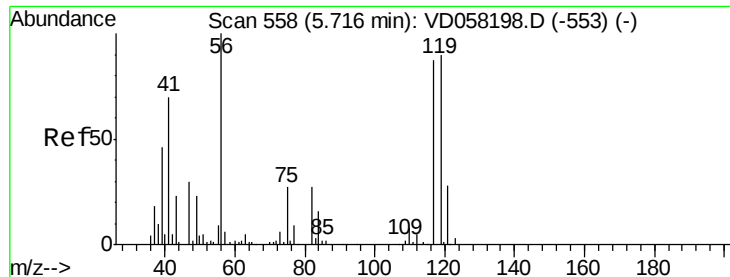
Ion Ratio Lower Upper

43 100

61 156.9 10.3 15.5#

70 0.0 5.7 8.5#

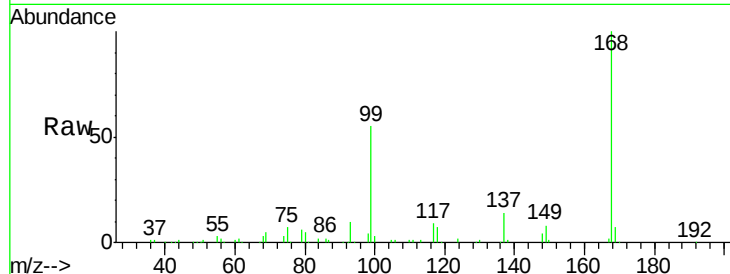




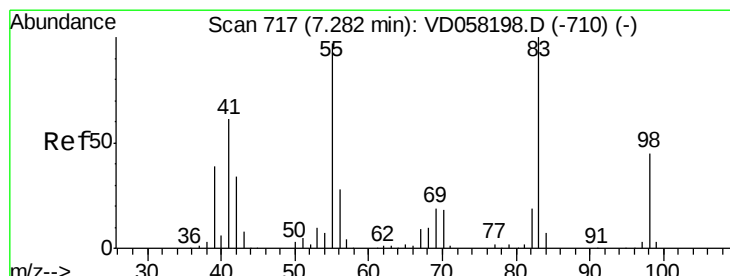
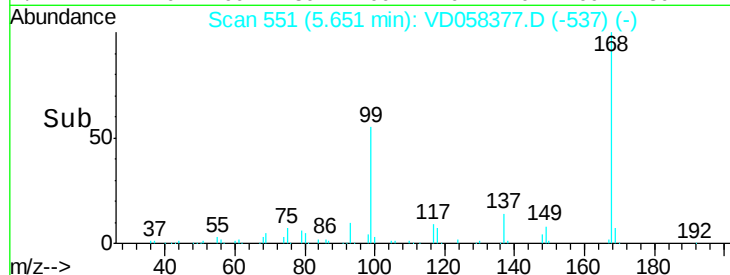
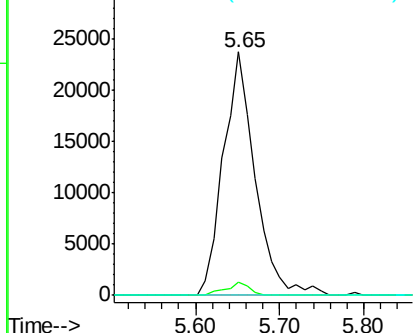
#38
Carbon Tetrachloride
Concen: 6.135 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.07 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 62369
Ion Ratio Lower Upper
117 100
119 5.6 78.8 118.2#
121 0.0 25.0 37.6#

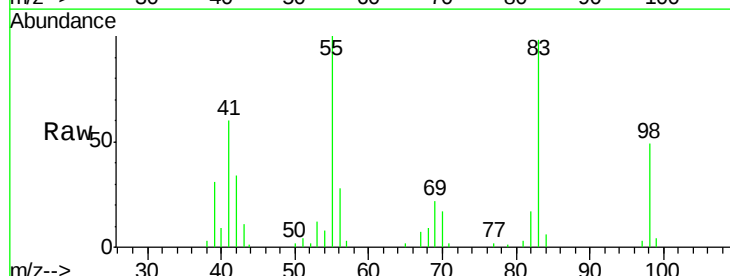


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

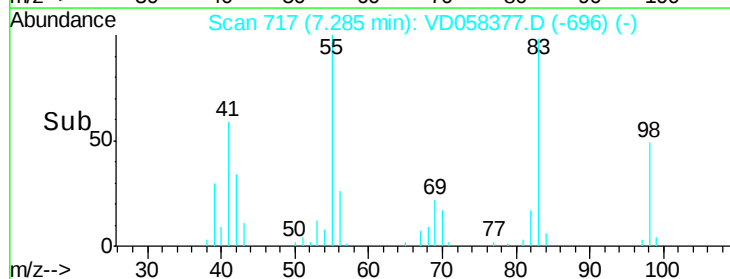
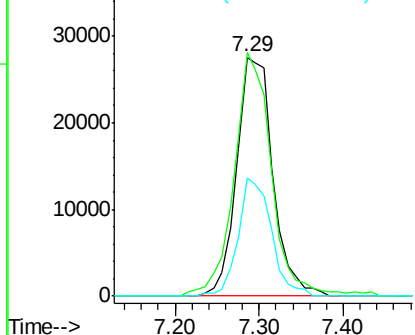


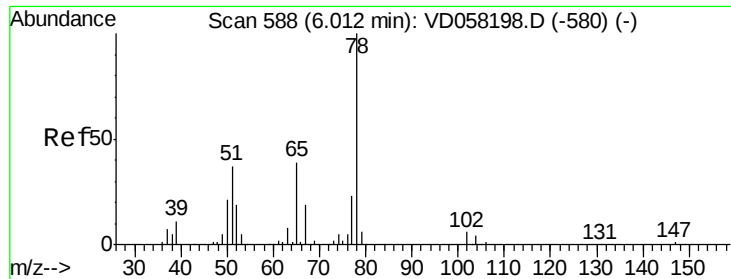
#39
Methylcyclohexane
Concen: 8.331 ug/l
RT: 7.29 min Scan# 717
Delta R.T. 0.00 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Tgt Ion: 83 Resp: 83021
Ion Ratio Lower Upper
83 100
55 102.1 77.4 116.2
98 49.7 35.9 53.9



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

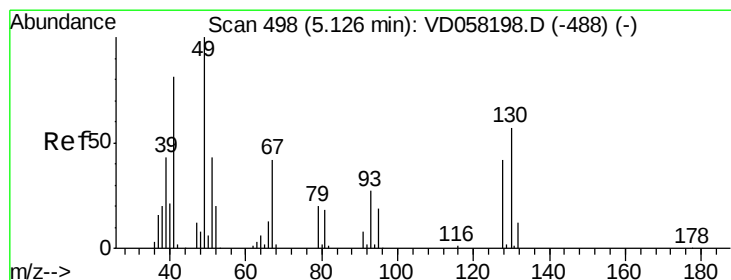
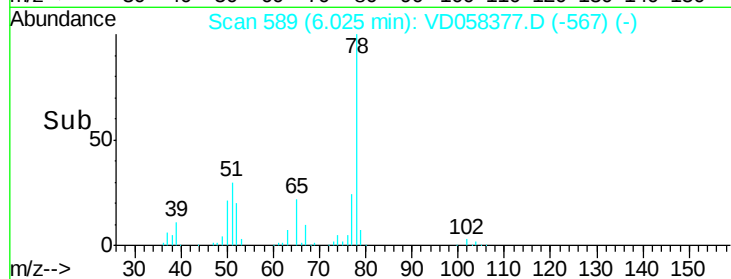
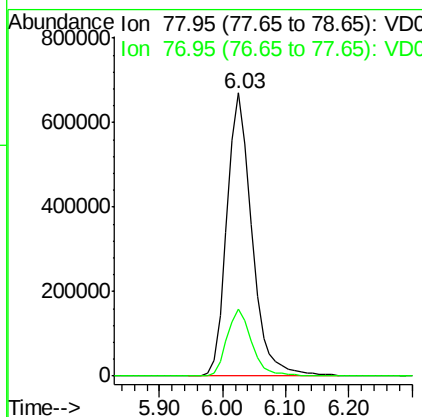
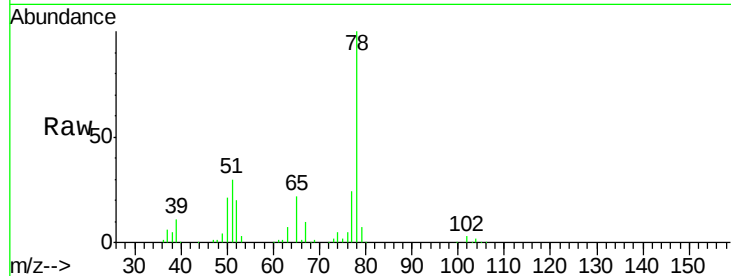




#40
Benzene
Concen: 75.814 ug/l
RT: 6.03 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

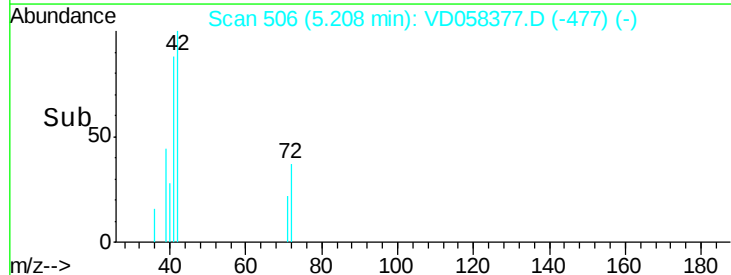
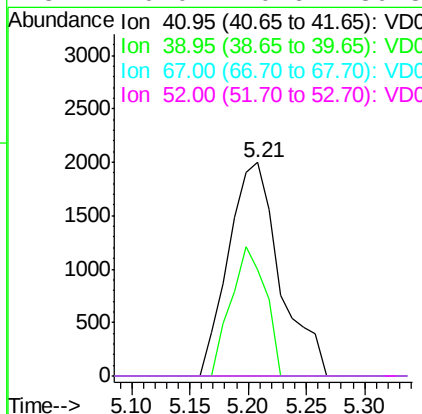
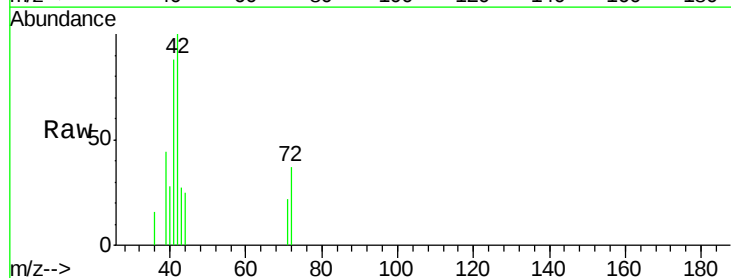
Instrument :
MSVOA_D
ClientSampleId :

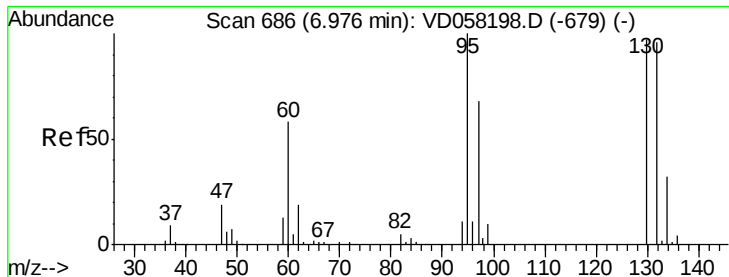
Tot Ion: 78 Resp: 1847647
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7



#41
Methacrylonitrile
Concen: 2.175 ug/l
RT: 5.21 min Scan# 506
Delta R.T. 0.08 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Tgt Ion: 41 Resp: 6123
Ion Ratio Lower Upper
41 100
39 49.7 43.4 65.2
67 0.0 41.7 62.5#
52 0.0 20.6 30.8#





#44

Trichloroethene

Concen: 2.081 ug/l

RT: 6.99 min Scan# 687

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

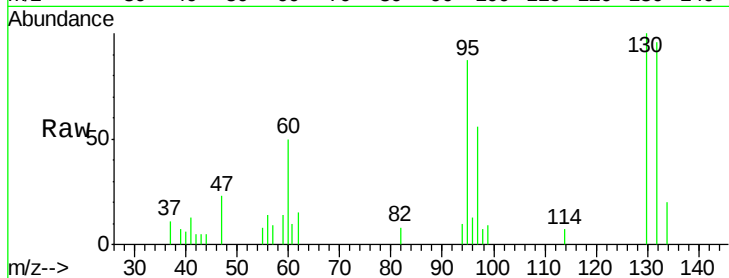
ClientSampleId :

Tot Ion:130 Resp: 15231

Ion Ratio Lower Upper

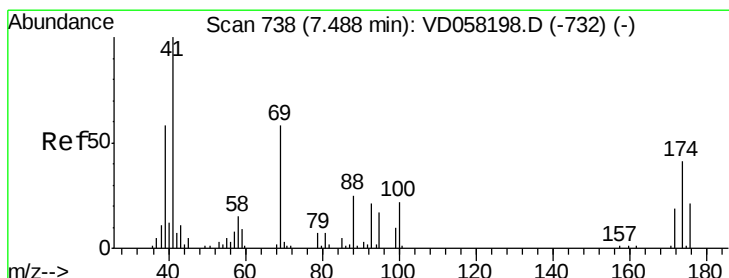
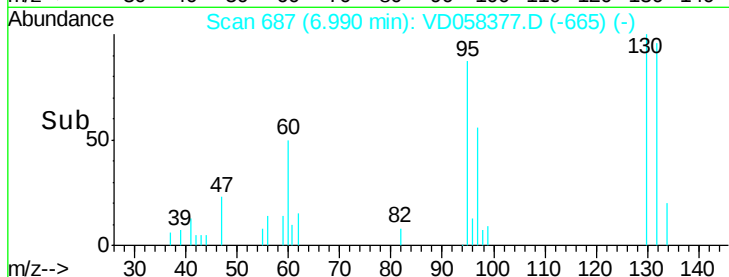
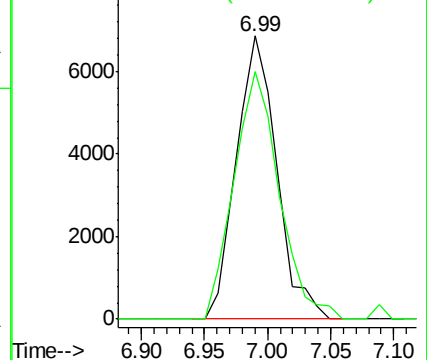
130 100

95 87.4 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#49

1,4-Dioxane

Concen: 14.002 ug/l

RT: 7.50 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

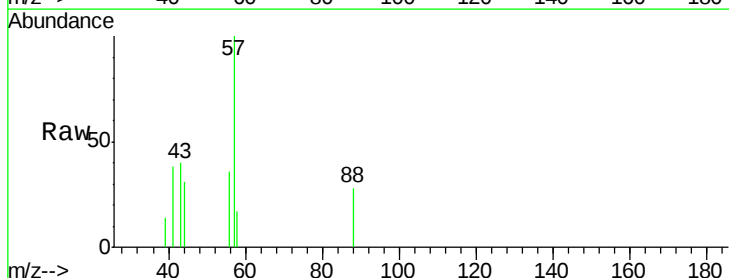
Tgt Ion: 88 Resp: 597

Ion Ratio Lower Upper

88 100

43 145.0 34.2 51.2#

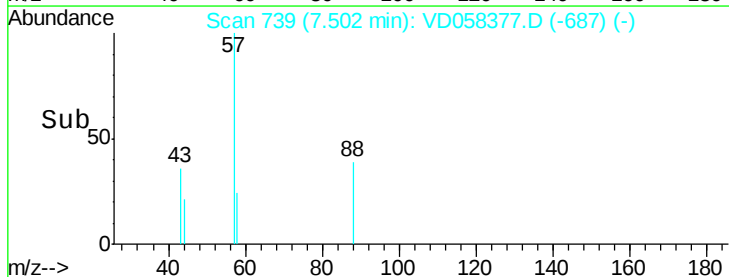
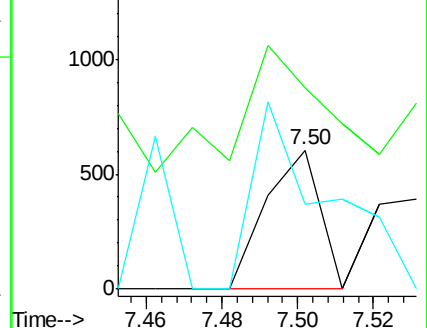
58 61.4 47.9 71.9

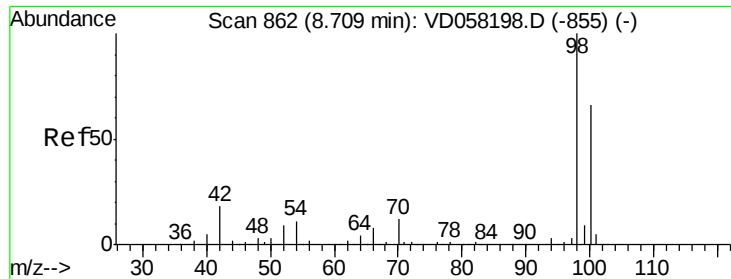


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC





#50

Toluene-d8

Concen: 14.002 ug/l

RT: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

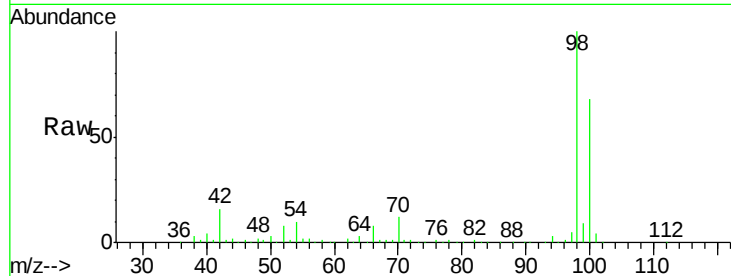
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 929764

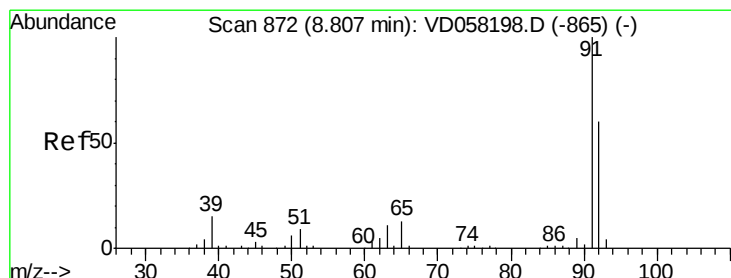
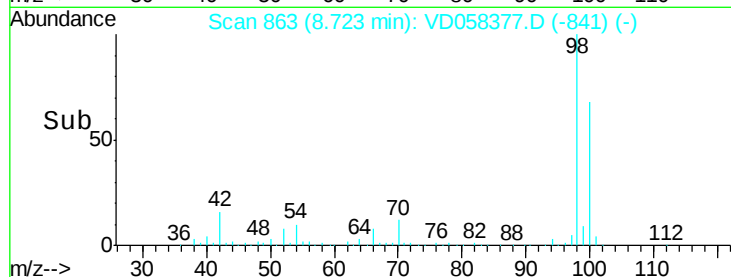
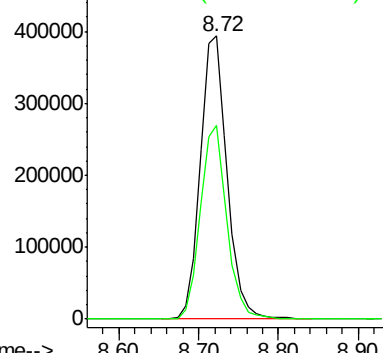
Ion Ratio Lower Upper

98 100

100 68.3 53.6 80.4



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



#52

Toluene

Concen: 2.234 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.00 min

Lab File: VD058377.D

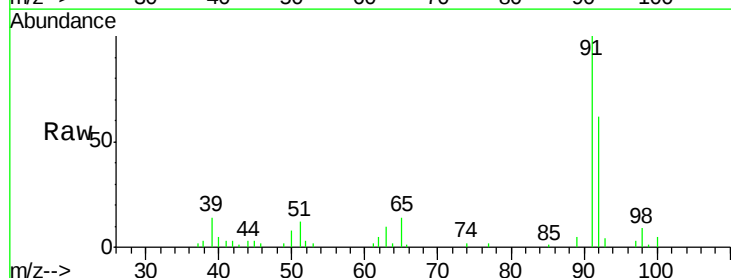
Acq: 24 Jun 2018 17:46

Tgt Ion: 92 Resp: 30997

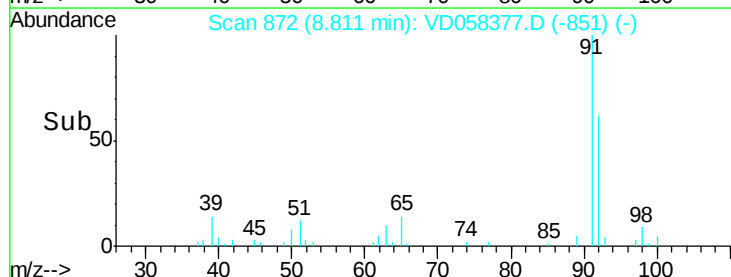
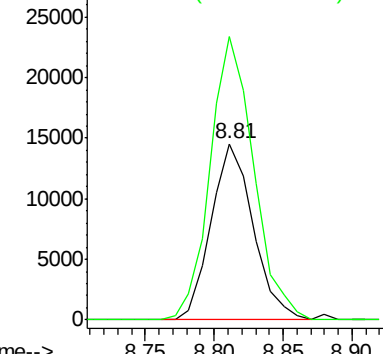
Ion Ratio Lower Upper

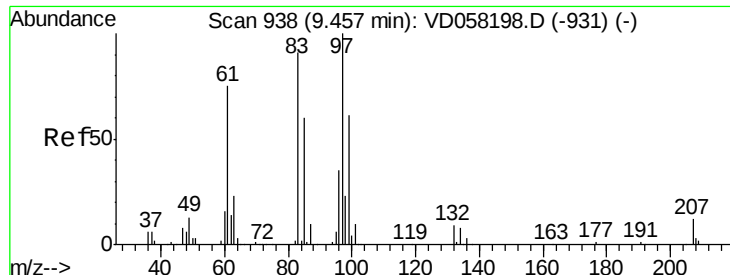
92 100

91 160.6 133.2 199.8



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: 2.078 ug/l

RT: 9.38 min Scan# 930

Delta R.T. -0.08 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 10203

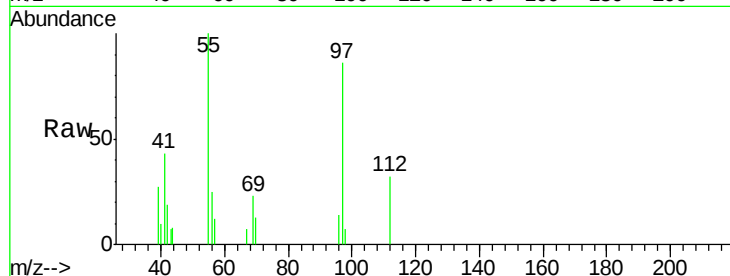
Ion Ratio Lower Upper

97 100

83 0.0 72.9 109.3#

85 0.0 48.2 72.4#

99 0.0 48.9 73.3#

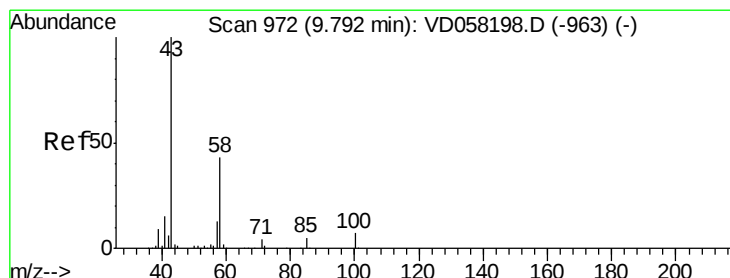
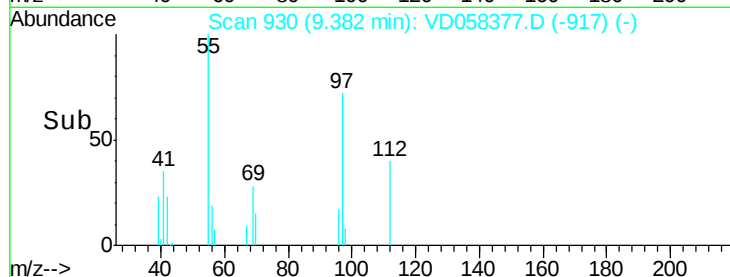
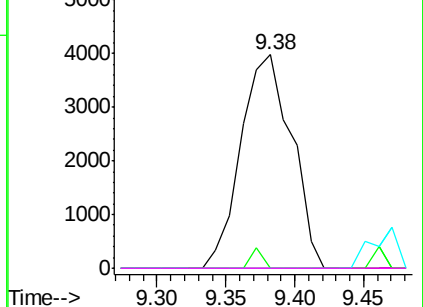


Abundance Ion 96.85 (96.55 to 97.55): VDC

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



#59

2-Hexanone

Concen: 7.905 ug/l

RT: 9.76 min Scan# 968

Delta R.T. -0.04 min

Lab File: VD058377.D

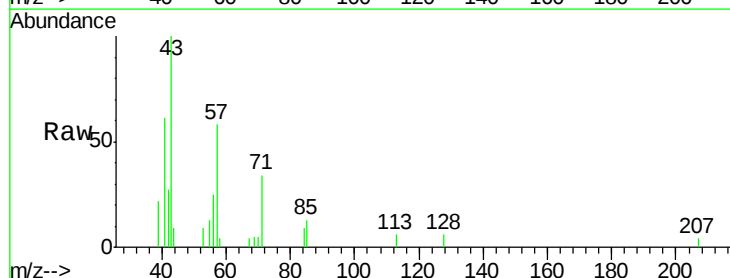
Acq: 24 Jun 2018 17:46

Tgt Ion: 43 Resp: 28954

Ion Ratio Lower Upper

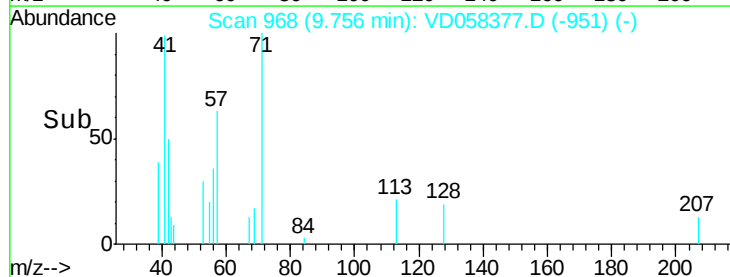
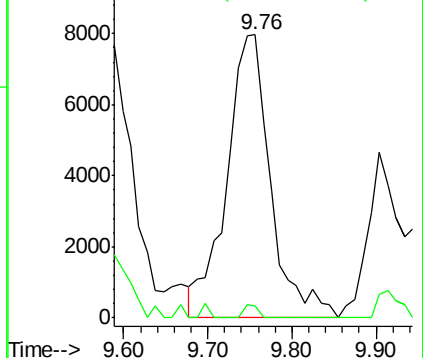
43 100

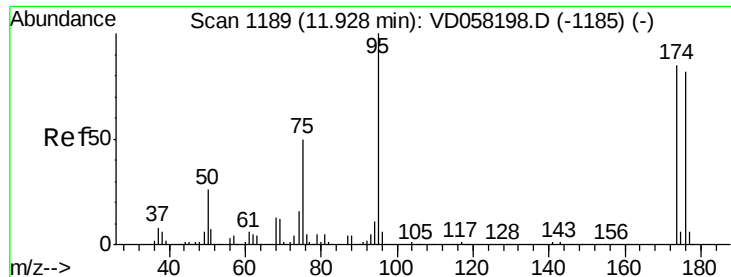
58 4.3 21.7 65.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

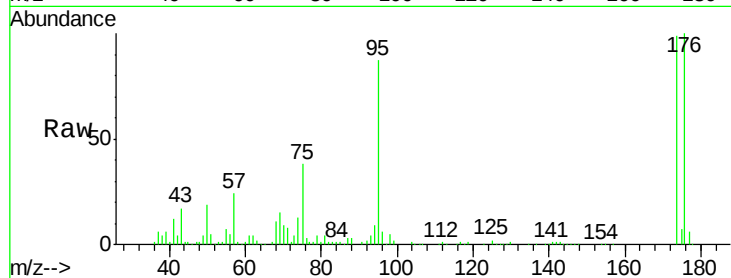
Tot Ion: 95 Resp: 394648

Ion Ratio Lower Upper

95 100

174 114.2 0.0 170.2

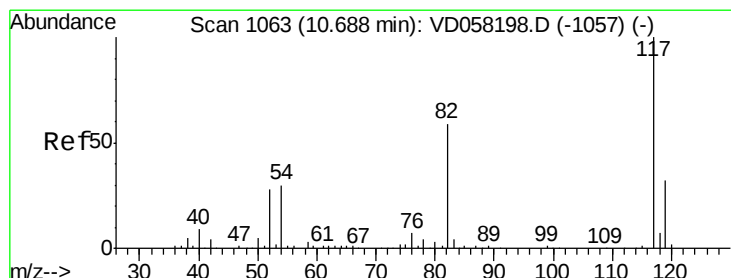
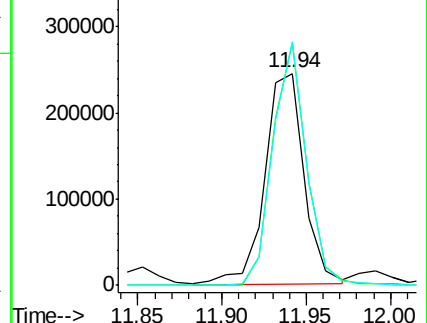
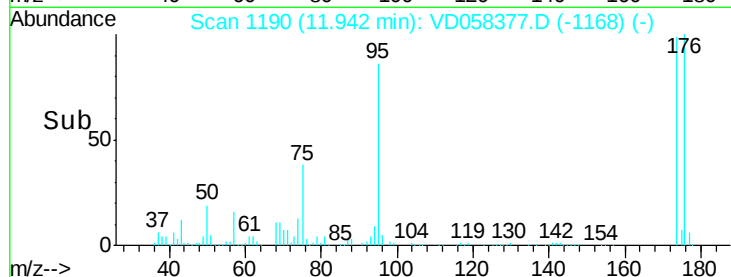
176 114.9 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

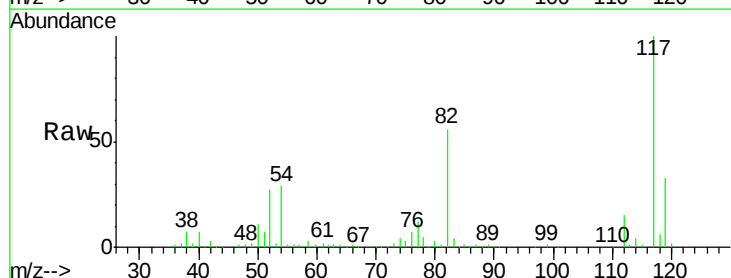
Tgt Ion: 117 Resp: 766773

Ion Ratio Lower Upper

117 100

82 56.0 47.0 70.6

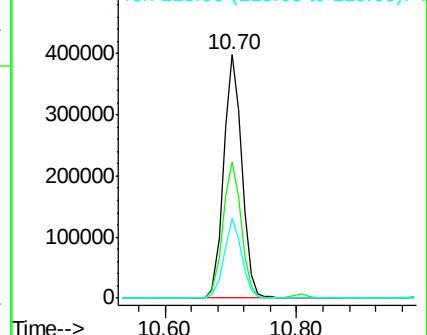
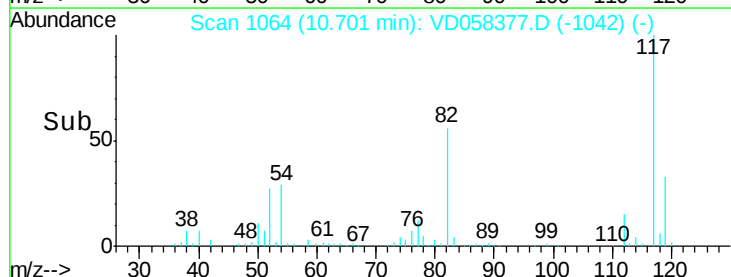
119 32.8 25.3 37.9

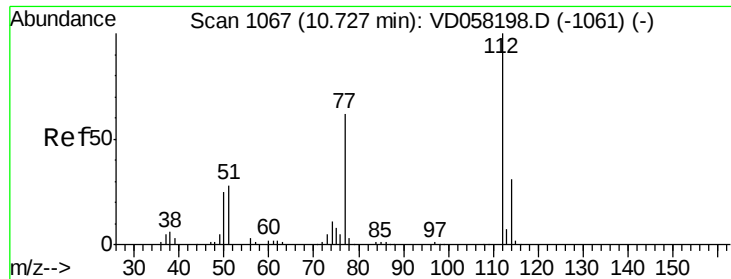


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

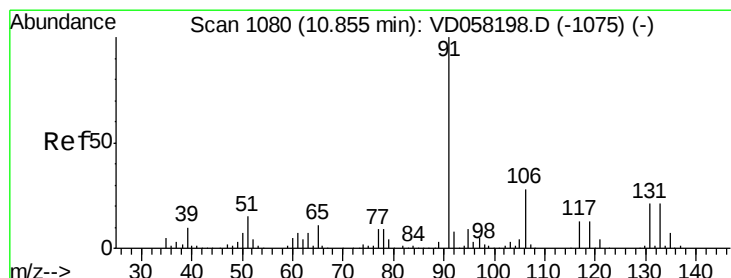
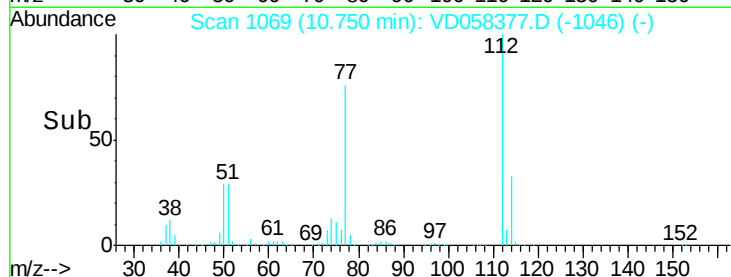
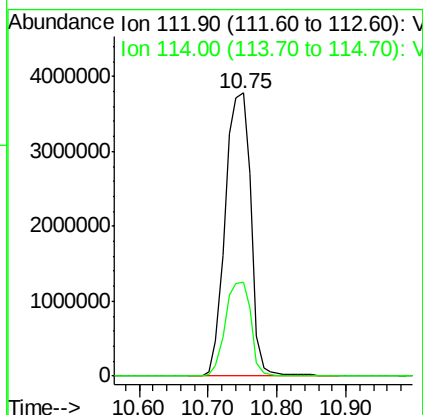
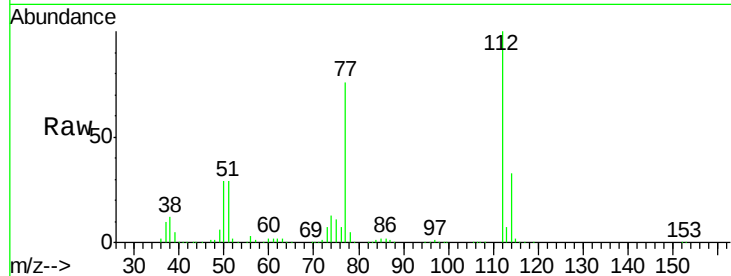




#65
Chlorobenzene
Concen: 679.279 ug/l
RT: 10.75 min Scan# 1069
Delta R.T. 0.02 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

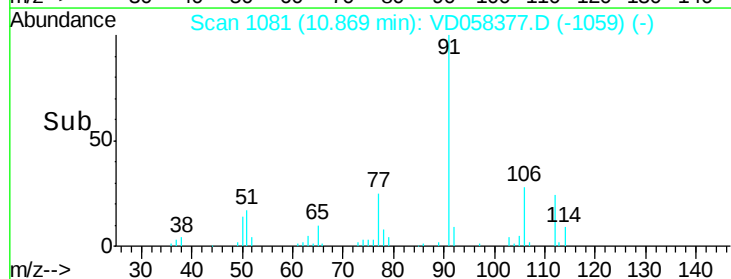
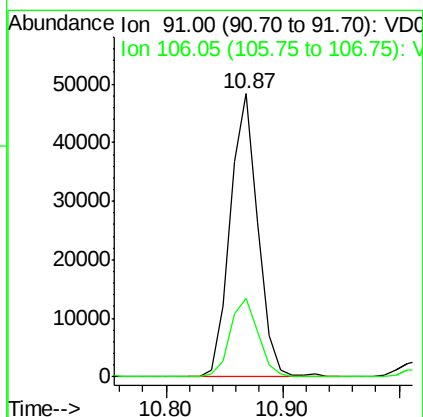
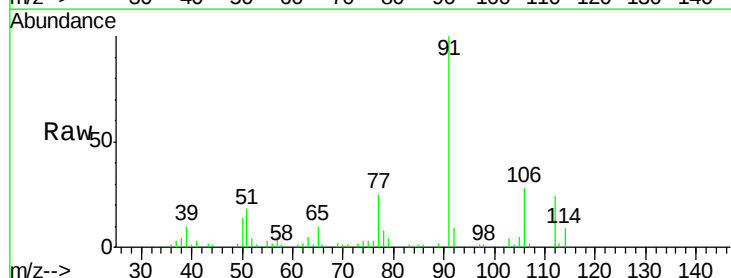
Instrument :
MSVOA_D
ClientSampleId :

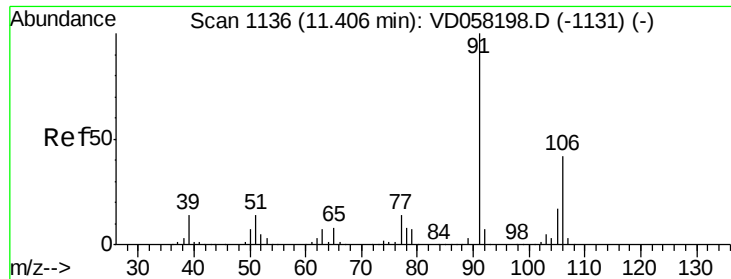
Tot Ion:112 Resp: 9742800
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4



#67
Ethyl Benzene
Concen: 3.133 ug/l
RT: 10.87 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Tgt Ion: 91 Resp: 79340
Ion Ratio Lower Upper
91 100
106 28.0 22.0 33.0

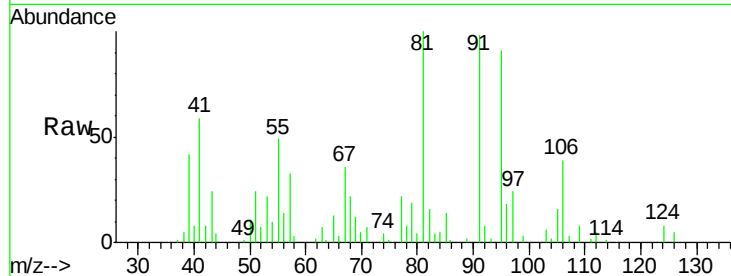




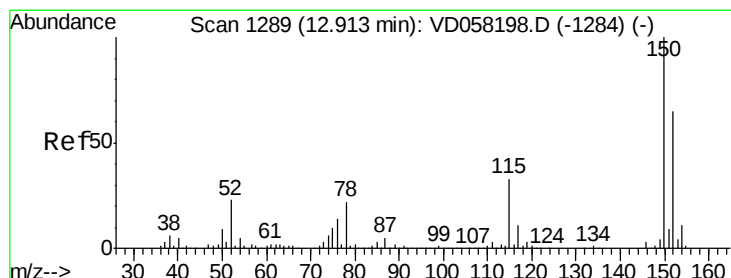
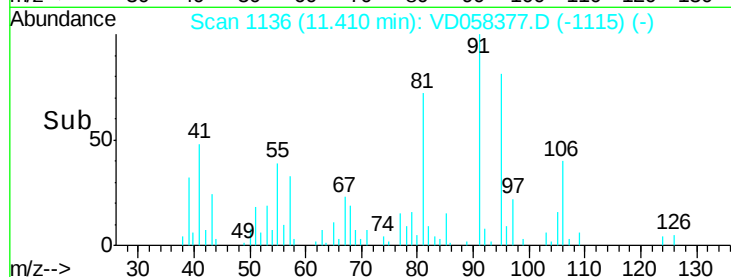
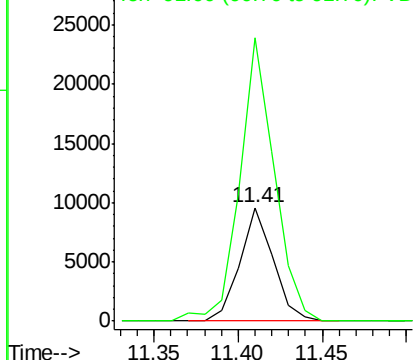
#69
o-Xylene
Concen: 1.635 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 13187
Ion Ratio Lower Upper
106 100
91 250.1 120.2 360.6

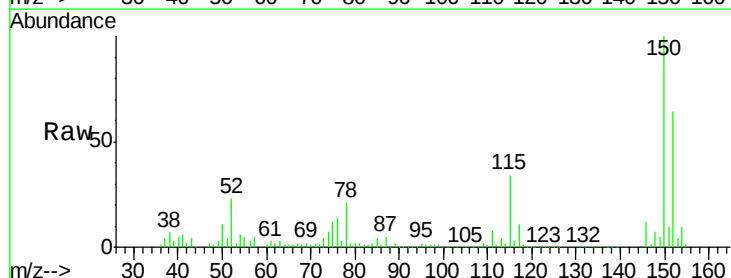


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

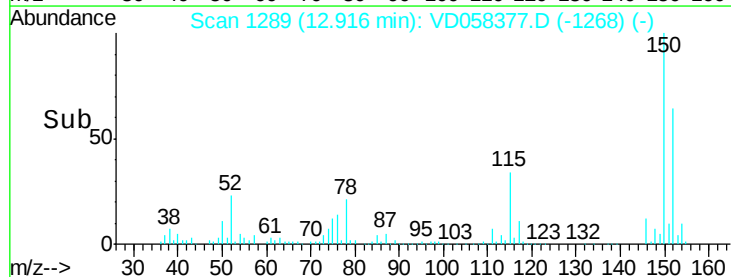
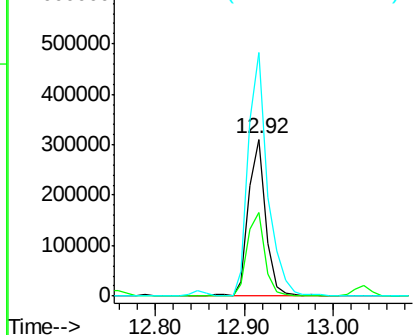


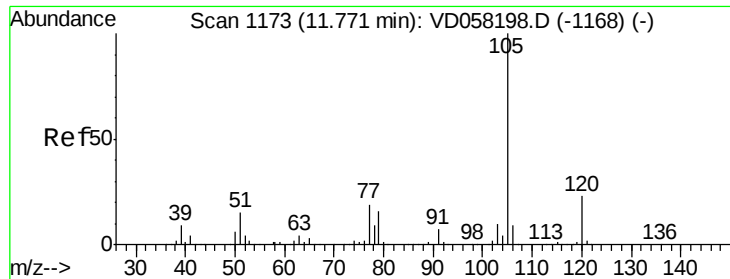
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Tgt Ion:152 Resp: 421448
Ion Ratio Lower Upper
152 100
115 53.4 25.1 75.3
150 155.2 0.0 308.8



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: 9.051 ug/l

RT: 11.78 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

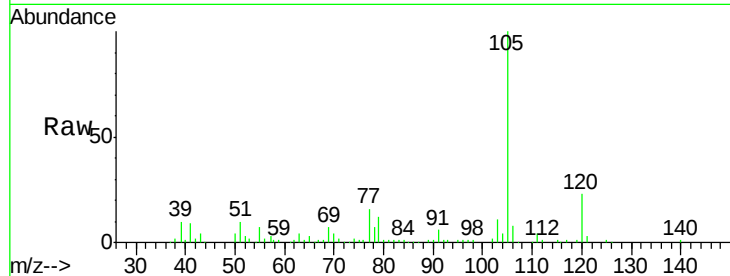
ClientSampleId :

Tot Ion: 105 Resp: 228157

Ion Ratio Lower Upper

105 100

120 23.4 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

11.78

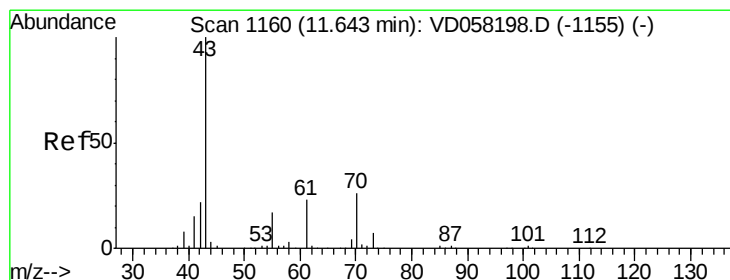
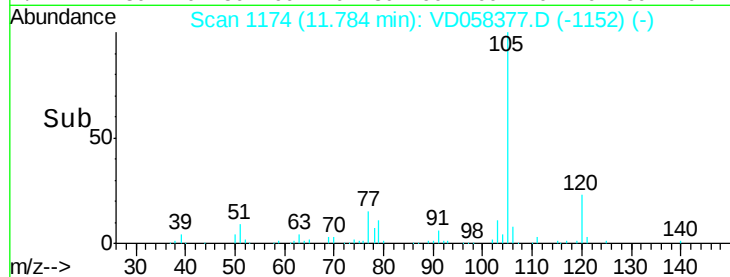
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 3.407 ug/l

RT: 11.65 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Tgt Ion: 43 Resp: 33207

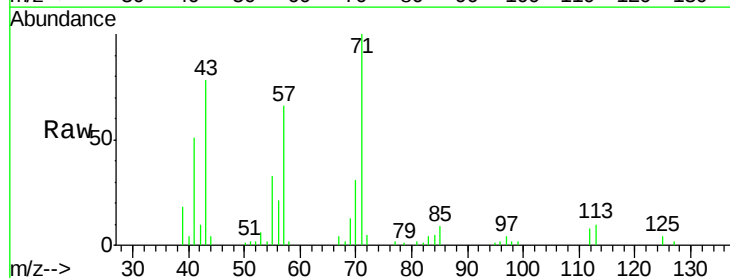
Ion Ratio Lower Upper

43 100

70 40.3 20.9 31.3#

55 42.1 13.5 20.3#

61 0.0 18.2 27.2#



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

120000

100000

80000

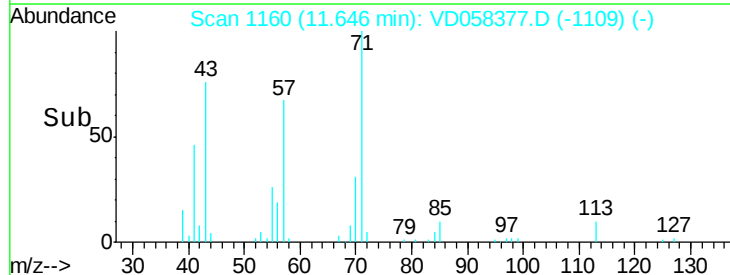
60000

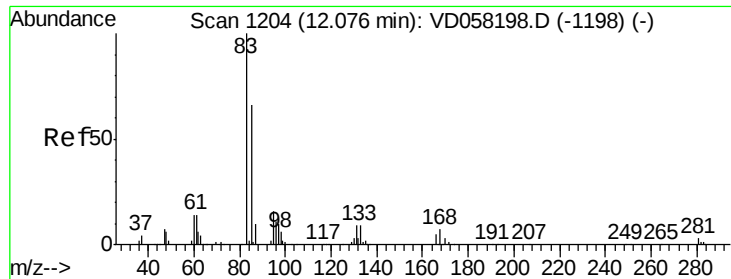
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 2.973 ug/l

RT: 12.10 min Scan# 1206

Delta R.T. 0.02 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampled :

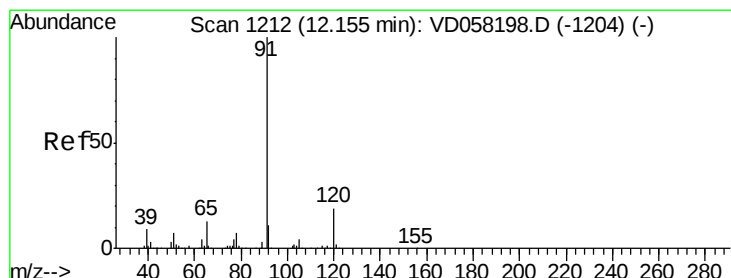
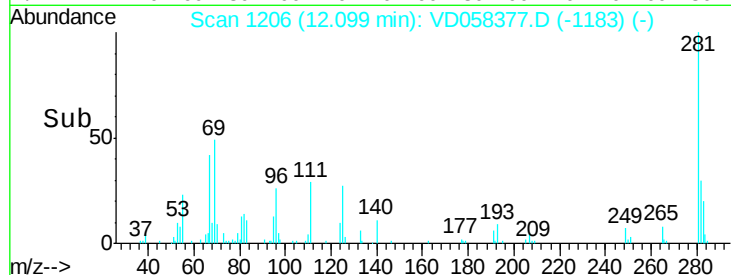
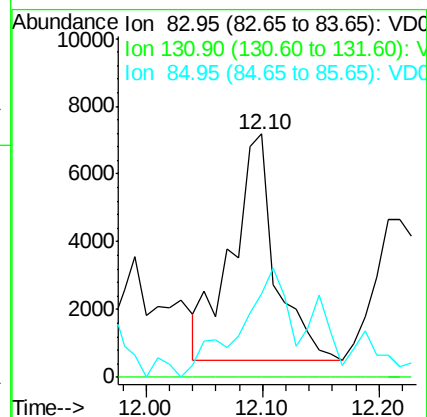
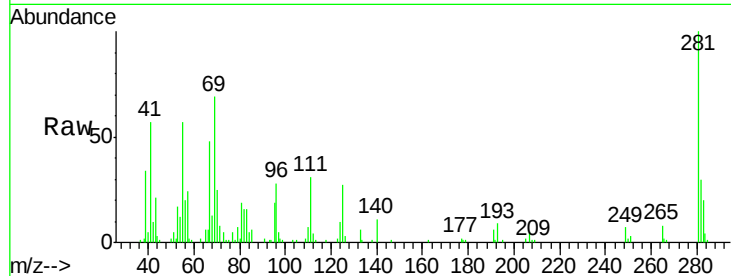
Tot Ion: 83 Resp: 17438

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 34.5 33.1 99.5



#78

n-propylbenzene

Concen: 1.839 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD058377.D

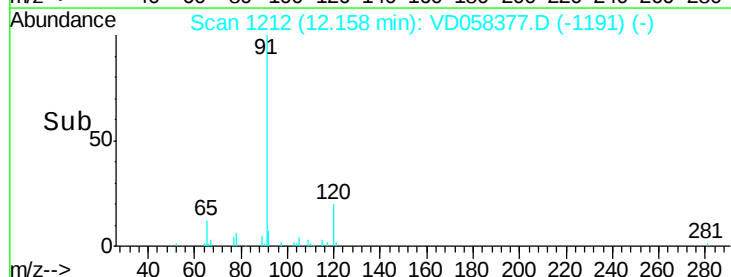
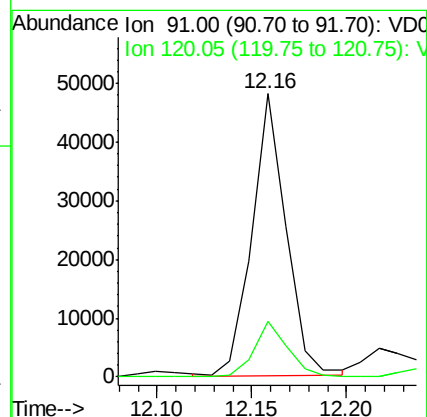
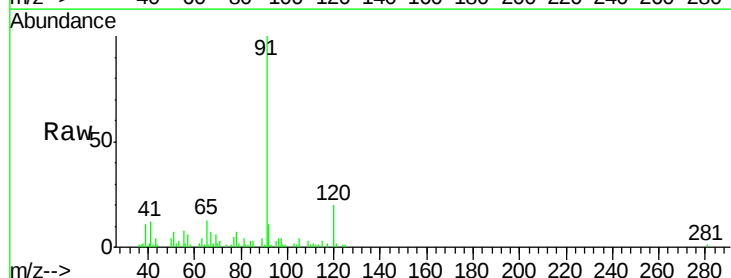
Acq: 24 Jun 2018 17:46

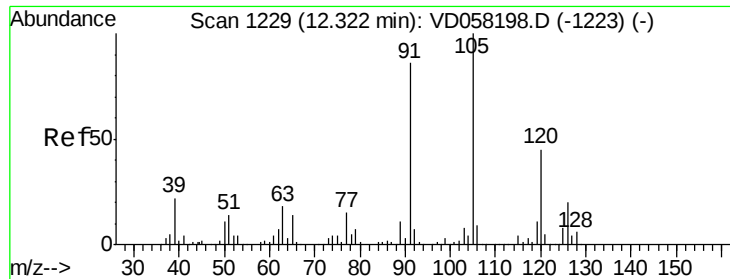
Tgt Ion: 91 Resp: 59859

Ion Ratio Lower Upper

91 100

120 19.8 9.7 29.1

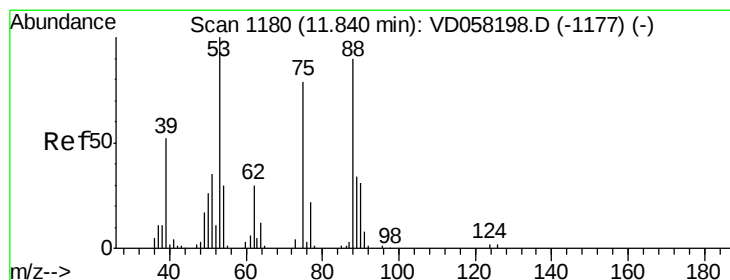
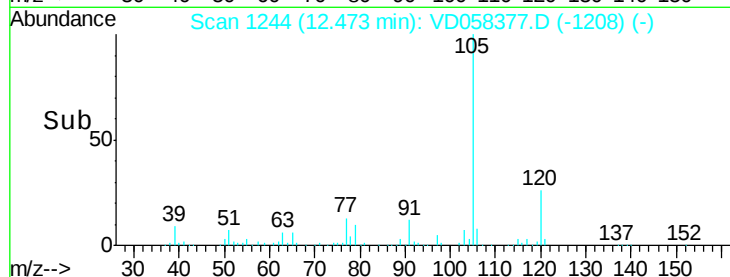
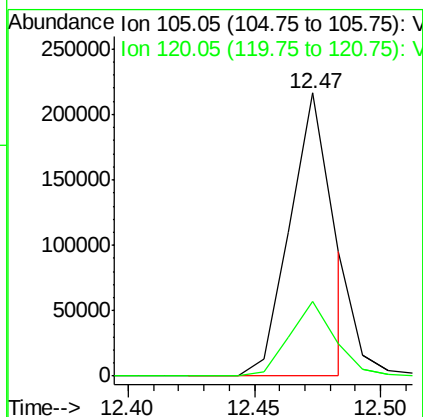
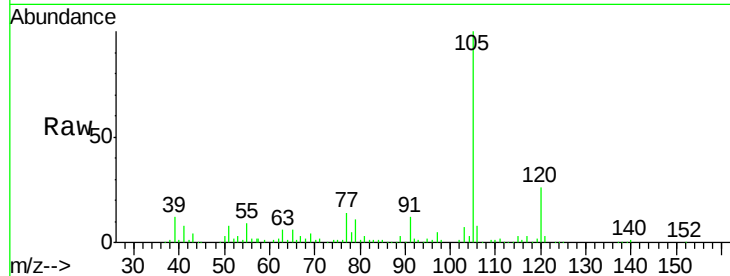




#80
 1,3,5-Trimethylbenzene
 Concen: 13.074 ug/l
 RT: 12.47 min Scan# 1244
 Delta R.T. 0.15 min
 Lab File: VD058377.D
 Acq: 24 Jun 2018 17:46

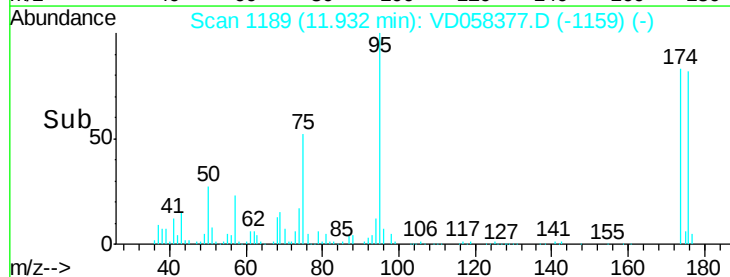
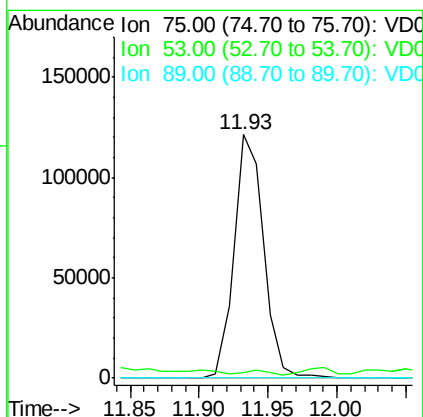
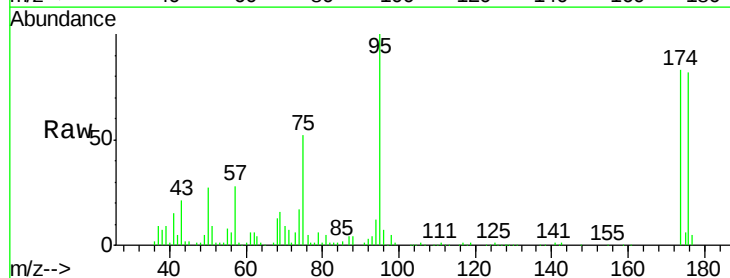
Instrument :
 MSVOA_D
 ClientSampleId :

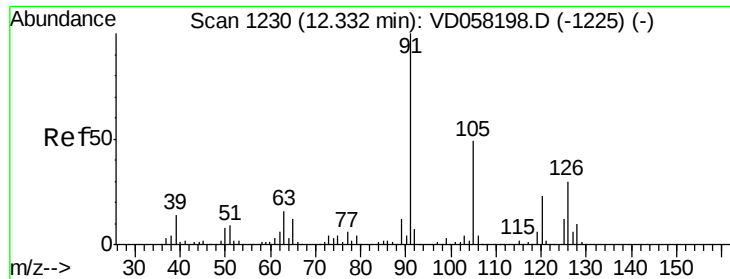
Tot Ion:105 Resp: 257064
 Ion Ratio Lower Upper
 105 100
 120 26.4 22.5 67.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.880 ug/l
 RT: 11.93 min Scan# 1189
 Delta R.T. 0.09 min
 Lab File: VD058377.D
 Acq: 24 Jun 2018 17:46

Tgt Ion: 75 Resp: 181409
 Ion Ratio Lower Upper
 75 100
 53 2.2 100.8 151.2#
 89 0.0 34.6 52.0#

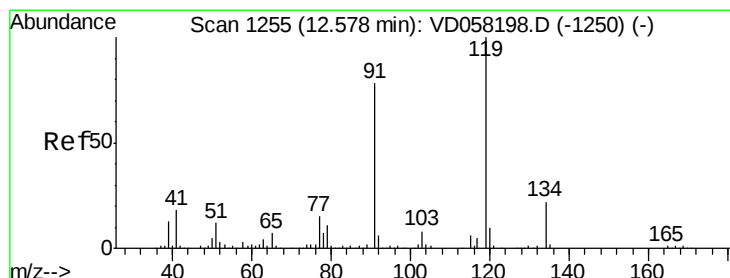
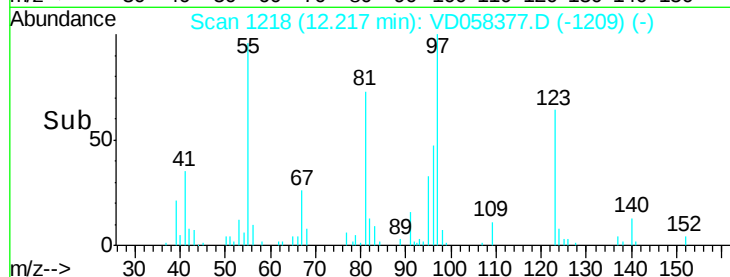
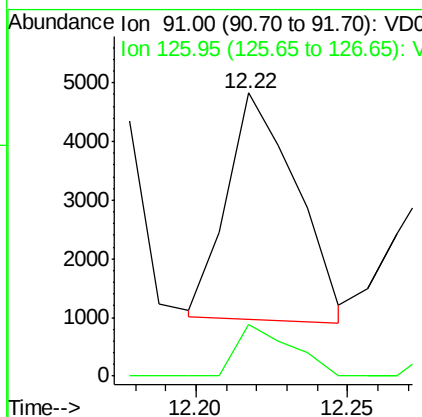
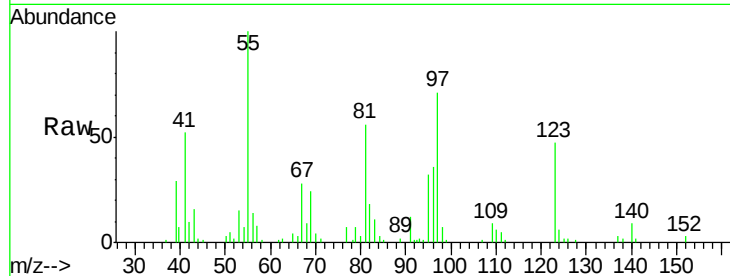




#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.22 min Scan# 1218
Delta R.T. -0.11 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

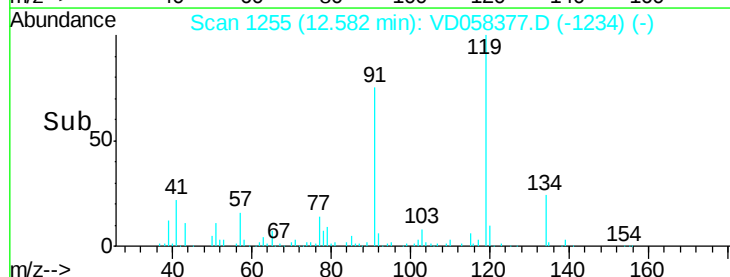
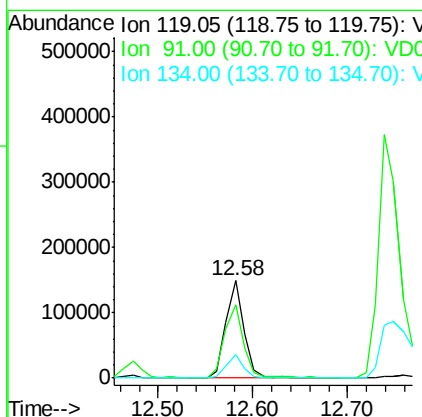
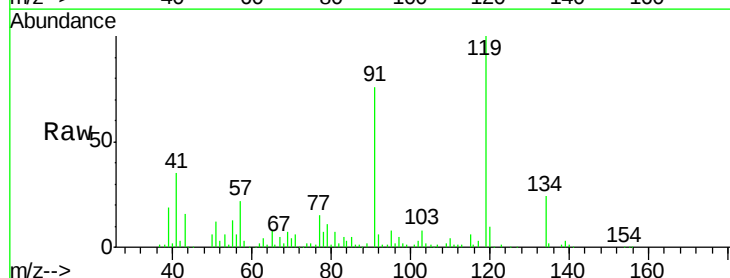
Instrument :
MSVOA_D
ClientSampled :

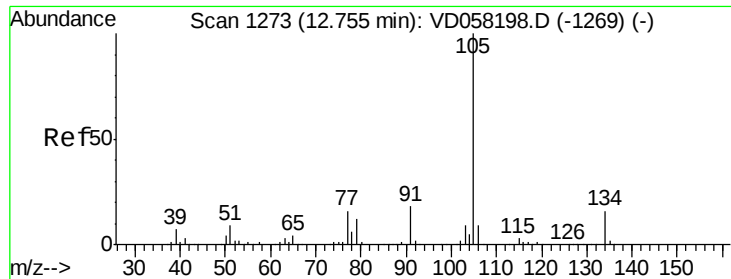
Tot Ion: 91 Resp: 6206
Ion Ratio Lower Upper
91 100
126 18.3 14.9 44.9



#83
tert-Butylbenzene
Concen: 8.786 ug/l
RT: 12.58 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Tgt Ion: 119 Resp: 198613
Ion Ratio Lower Upper
119 100
91 75.7 38.9 116.6
134 23.5 11.2 33.5





#85

sec-Butylbenzene

Concen: 17.005 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

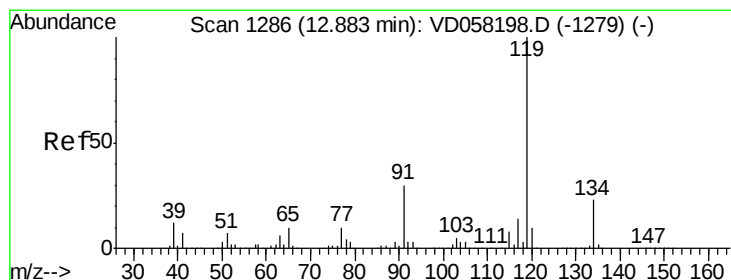
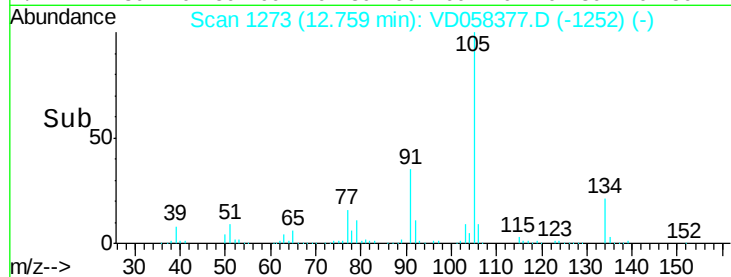
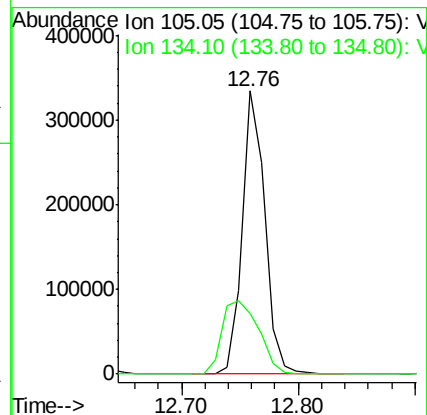
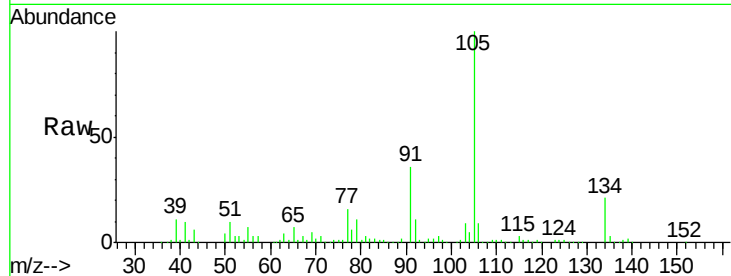
ClientSampleId :

Tot Ion:105 Resp: 450582

Ion Ratio Lower Upper

105 100

134 21.4 8.1 24.3



#86

p-Isopropyltoluene

Concen: 13.453 ug/l

RT: 13.03 min Scan# 1301

Delta R.T. 0.15 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

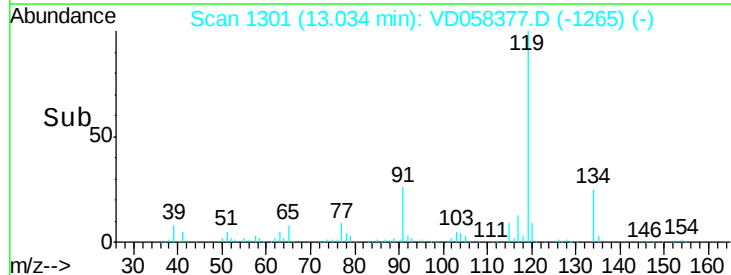
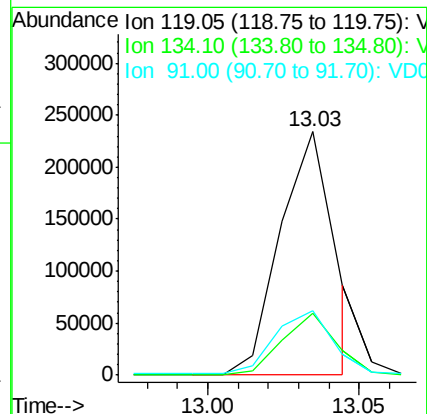
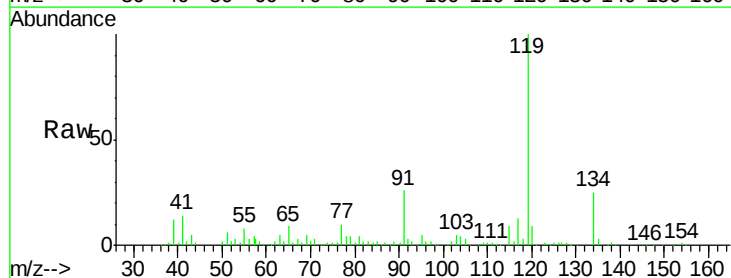
Tgt Ion:119 Resp: 288869

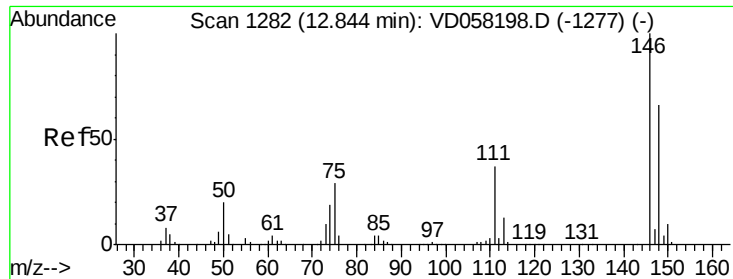
Ion Ratio Lower Upper

119 100

134 25.4 11.6 34.8

91 26.4 15.0 45.1





#87

1,3-Dichlorobenzene

Concen: 9.242 ug/l

RT: 12.85 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

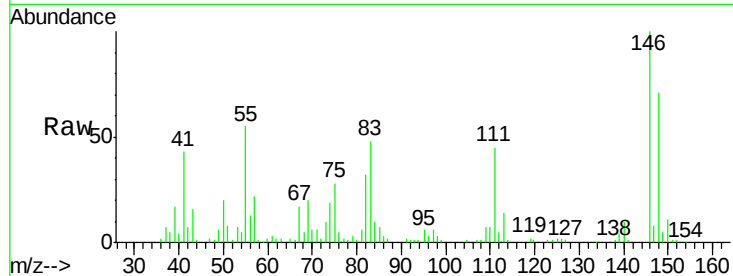
Tot Ion:146 Resp: 121262

Ion Ratio Lower Upper

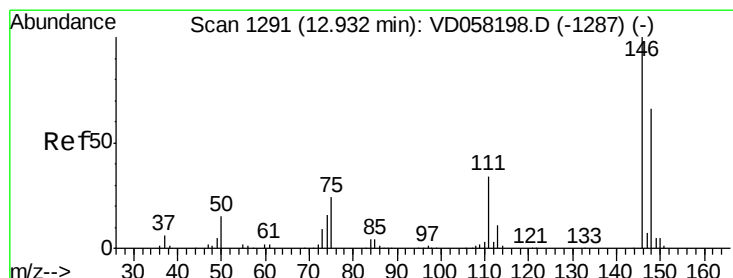
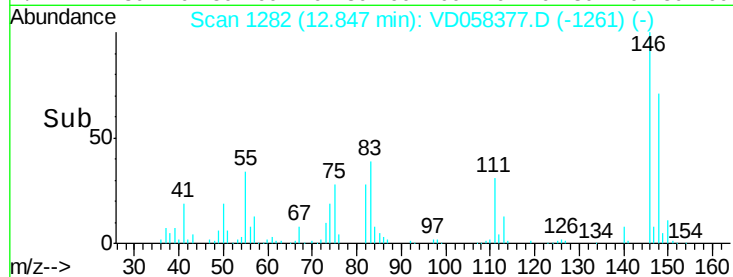
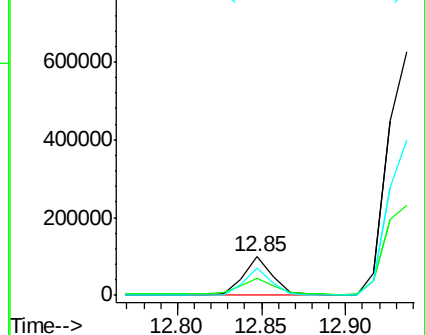
146 100

111 45.5 18.4 55.0

148 70.6 32.8 98.4



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



#88

1,4-Dichlorobenzene

Concen: 64.509 ug/l

RT: 12.94 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

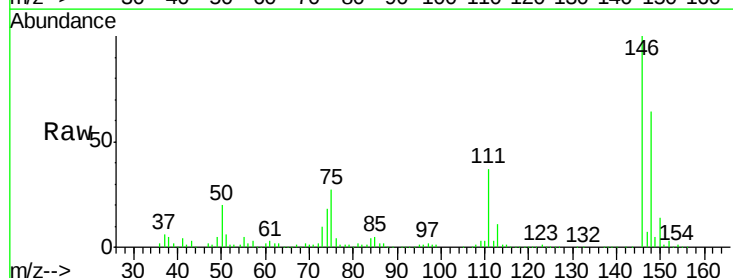
Tgt Ion:146 Resp: 826517

Ion Ratio Lower Upper

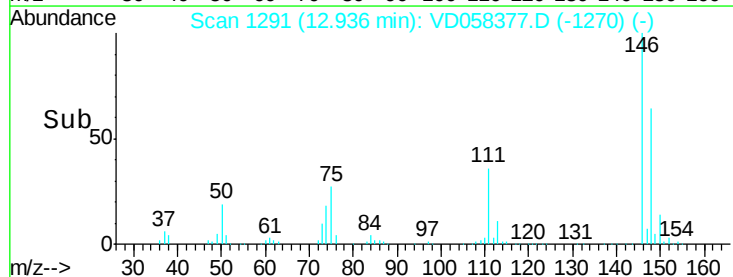
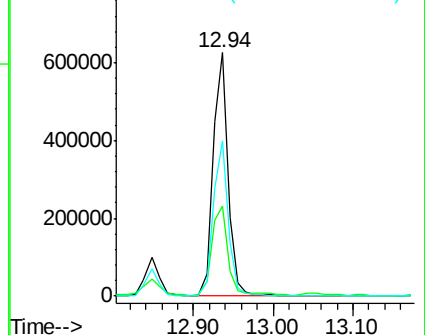
146 100

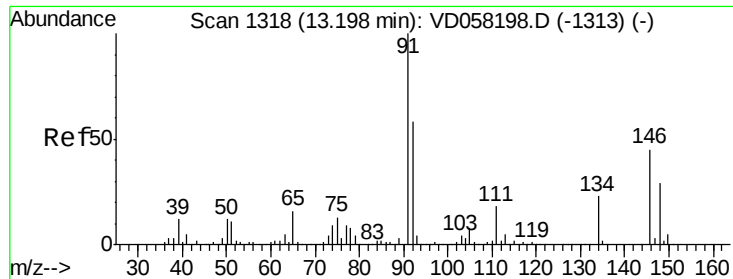
111 36.8 17.2 51.5

148 63.6 33.1 99.3



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

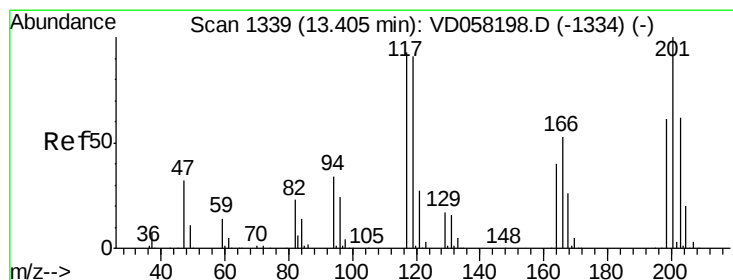
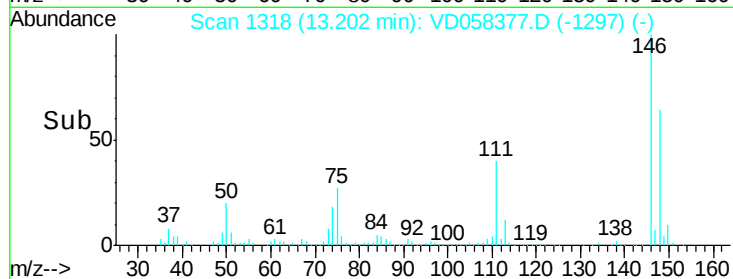
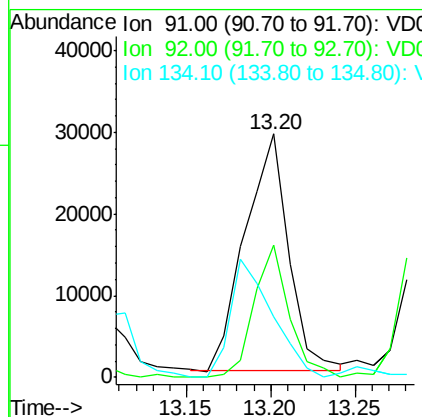
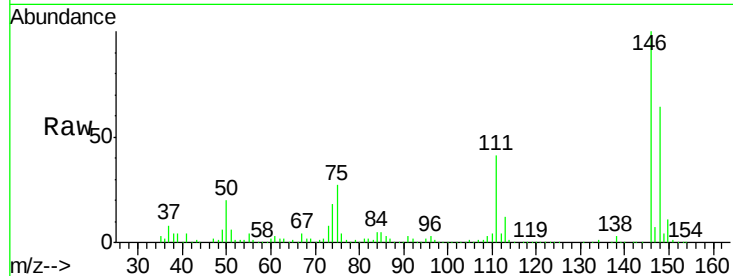




#89
n-Butylbenzene
Concen: 2.299 ug/l
RT: 13.20 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

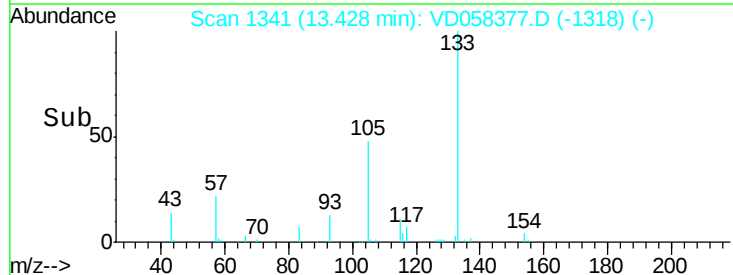
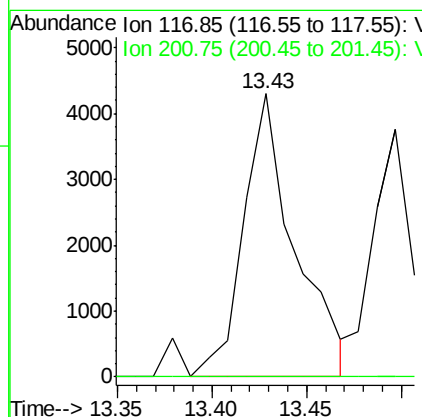
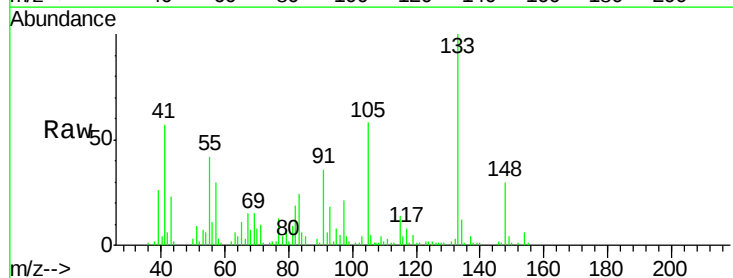
Instrument :
MSVOA_D
ClientSampleId :

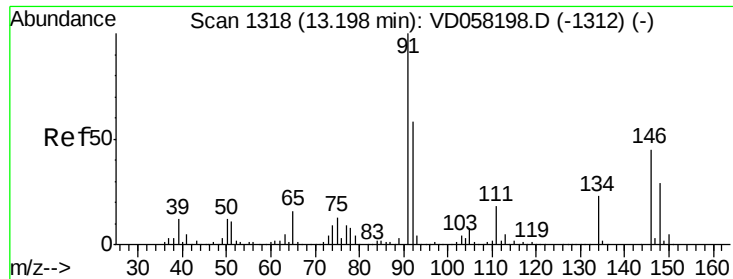
Tot Ion: 91 Resp: 51874
Ion Ratio Lower Upper
91 100
92 54.3 29.2 87.6
134 24.8 11.3 33.8



#90
Hexachloroethane
Concen: 1.444 ug/l
RT: 13.43 min Scan# 1341
Delta R.T. 0.02 min
Lab File: VD058377.D
Acq: 24 Jun 2018 17:46

Tgt Ion: 117 Resp: 8048
Ion Ratio Lower Upper
117 100
201 0.0 53.8 161.4#





#91

1,2-Dichlorobenzene

Concen: 109.551 ug/l

RT: 13.20 min Scan# 1318

Delta R.T. 0.00 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

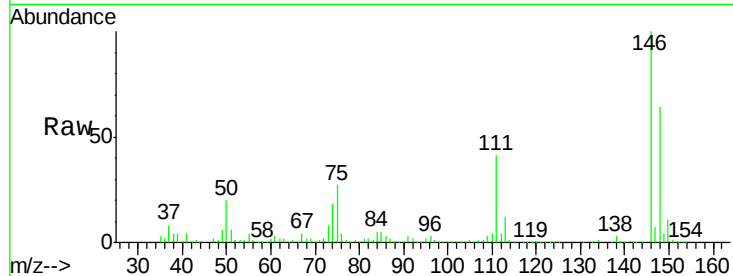
Instrument :

MSVOA_D

ClientSampled :

Tot Ion:146 Resp: 1223187

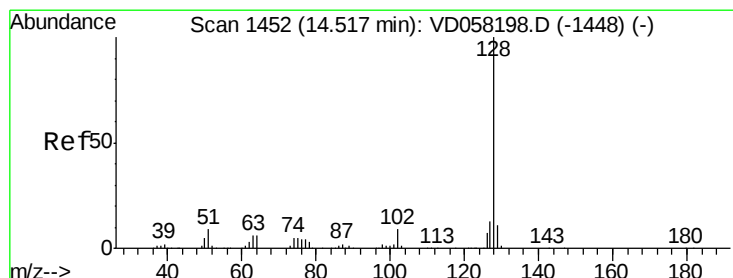
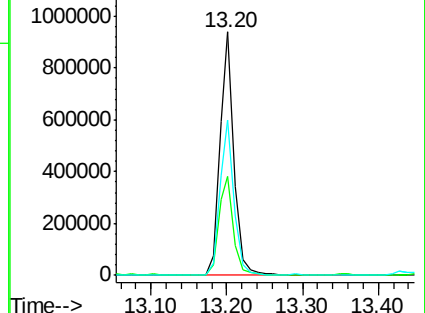
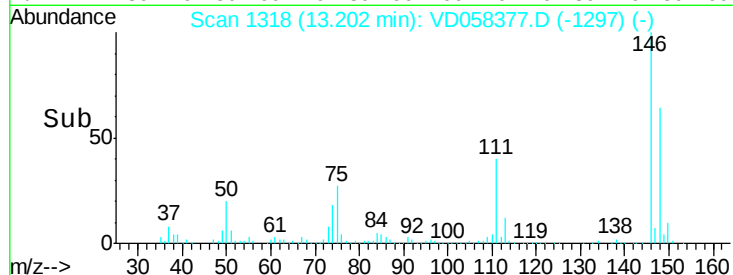
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	63.6	32.0	96.2



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: 2.157 ug/l

RT: 14.52 min Scan# 1452

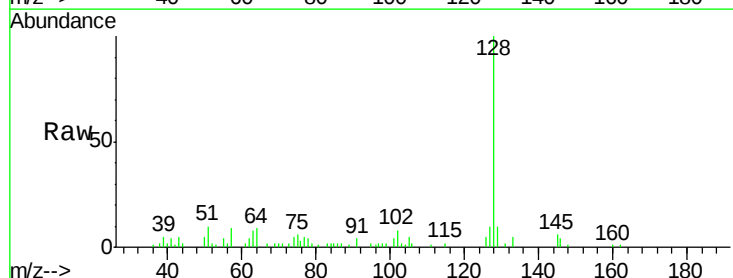
Delta R.T. 0.00 min

Lab File: VD058377.D

Acq: 24 Jun 2018 17:46

Tgt Ion:128 Resp: 30337

Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.0	15.0
129	9.9	8.7	13.1



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

