

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059719.D
 Acq On : 9 Aug 2018 16:55
 Operator : VA/AP
 Sample : VD0809SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Quant Time: Aug 10 01:16:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	157890	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.68	114	188025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	158978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	88905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	130392	64.20	ug/l	0.01
Spiked Amount	50.000		Recovery	=	128.40%	
35) Dibromofluoromethane	5.54	113	102406	60.64	ug/l	0.02
Spiked Amount	50.000		Recovery	=	121.28%	
50) Toluene-d8	8.71	98	189647	51.59	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.93	95	92086	54.28	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	43444	19.60	ug/l	99
3) Chloromethane	1.47	50	15233	15.43	ug/l	90
4) Vinyl Chloride	1.54	62	20181	17.50	ug/l	98
5) Bromomethane	1.77	94	7032	18.53	ug/l	95
6) Chloroethane	1.85	64	8974	19.15	ug/l	93
7) Trichlorofluoromethane	2.07	101	45952	24.45	ug/l	97
8) Diethyl Ether	2.33	74	7937	23.06	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.54	101	22970	21.64	ug/l	91
10) Methyl Iodide	2.68	142	23203	19.01	ug/l	97
11) Tert butyl alcohol	3.26	59	10047	135.95	ug/l #	87
12) 1,1-Dichloroethene	2.53	96	16390	21.13	ug/l	93
13) Acrolein	2.46	56	6091	87.75	ug/l #	78
14) Allyl chloride	2.90	41	37942	21.38	ug/l	98
15) Acrylonitrile	3.35	53	21712	105.92	ug/l	93
16) Acetone	2.60	43	36978	96.92	ug/l	95
17) Carbon Disulfide	2.74	76	55294	19.74	ug/l	96
18) Methyl Acetate	2.92	43	13970	19.82	ug/l	93
19) Methyl tert-butyl Ether	3.39	73	71360	24.11	ug/l	99
20) Methylene Chloride	3.05	84	24581	16.65	ug/l	91
21) trans-1,2-Dichloroethene	3.39	96	19791	19.50	ug/l #	75
22) Diisopropyl ether	4.07	45	70401	16.87	ug/l	96
23) Vinyl Acetate	4.01	43	259379	98.01	ug/l	98
24) 1,1-Dichloroethane	3.96	63	51655	18.70	ug/l	97
25) 2-Butanone	4.83	43	39602	79.03	ug/l	96
26) 2,2-Dichloropropane	4.78	77	67645	22.93	ug/l	98
27) cis-1,2-Dichloroethene	4.79	96	25161	17.07	ug/l	80
28) Bromochloromethane	5.14	49	18525	18.16	ug/l	89
29) Tetrahydrofuran	5.18	42	15235	78.50	ug/l	97
30) Chloroform	5.31	83	69173	20.54	ug/l	97
31) Cyclohexane	5.58	56	31185	15.02	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	77008	23.51	ug/l	95
36) 1,1-Dichloropropene	5.74	75	42717	20.44	ug/l	96
37) Ethyl Acetate	4.92	43	20092	19.80	ug/l #	89
38) Carbon Tetrachloride	5.72	117	70242	25.11	ug/l	94

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 Data File : VD059719.D
 Acq On : 9 Aug 2018 16:55
 Operator : VA/AP
 Sample : VD0809SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Quant Time: Aug 10 01:16:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	28948	16.39	ug/l	90
40) Benzene	6.01	78	66551	16.42	ug/l	95
41) Methacrylonitrile	5.12	41	9703	20.45	ug/l	95
42) 1,2-Dichloroethane	6.12	62	63148	25.20	ug/l	96
43) Isopropyl Acetate	7.62	43	23987	18.08	ug/l	96
44) Trichloroethene	6.98	130	29005	19.58	ug/l	95
45) 1,2-Dichloropropane	7.34	63	19262	17.99	ug/l	90
46) Dibromomethane	7.46	93	20072	21.64	ug/l	98
47) Bromodichloromethane	7.74	83	52487	22.21	ug/l	92
48) Methyl methacrylate	7.51	41	18710	21.37	ug/l	95
49) 1,4-Dioxane	7.50	88	2663	375.83	ug/l #	70
51) 4-Methyl-2-Pentanone	8.60	43	89075	92.07	ug/l	99
52) Toluene	8.80	92	47415	18.33	ug/l	95
53) t-1,3-Dichloropropene	9.19	75	43760	21.89	ug/l	94
54) cis-1,3-Dichloropropene	8.35	75	40211	19.53	ug/l	93
55) 1,1,2-Trichloroethane	9.46	97	18742	18.87	ug/l	92
56) Ethyl methacrylate	9.31	69	23853	21.76	ug/l #	88
57) 1,3-Dichloropropane	9.66	76	31479	20.42	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.19	63	57510	110.15	ug/l	98
59) 2-Hexanone	9.79	43	66191	91.11	ug/l	97
60) Dibromochloromethane	9.96	129	36540	23.15	ug/l	99
61) 1,2-Dibromoethane	10.10	107	24879	21.78	ug/l	95
64) Tetrachloroethene	9.51	164	28866	19.18	ug/l	97
65) Chlorobenzene	10.72	112	62839	18.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	33308	22.68	ug/l	94
67) Ethyl Benzene	10.86	91	117870	19.54	ug/l	99
68) m/p-Xylenes	11.01	106	71886	37.24	ug/l	98
69) o-Xylene	11.40	106	35891	19.13	ug/l	100
70) Styrene	11.43	104	60711	19.28	ug/l	95
71) Bromoform	11.60	173	24681	22.30	ug/l #	96
73) Isopropylbenzene	11.78	105	123914	20.74	ug/l	99
74) N-amyl acetate	11.65	43	37262	19.49	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	21312	17.78	ug/l	95
76) 1,2,3-Trichloropropane	12.11	75	27649	20.12	ug/l	93
77) Bromobenzene	12.04	156	35067	20.14	ug/l	80
78) n-propylbenzene	12.15	91	141285	19.08	ug/l	100
79) 2-Chlorotoluene	12.22	91	88184	19.72	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	102459	20.59	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.85	75	6136	18.29	ug/l	99
82) 4-Chlorotoluene	12.33	91	103034	19.68	ug/l	92
83) tert-Butylbenzene	12.57	119	108245	19.43	ug/l	98
84) 1,2,4-Trimethylbenzene	12.62	105	104483	19.81	ug/l	98
85) sec-Butylbenzene	12.76	105	121581	19.65	ug/l	99
86) p-Isopropyltoluene	12.89	119	105060	19.91	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	59463	19.78	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	56534	18.85	ug/l	94
89) n-Butylbenzene	13.19	91	105470	19.72	ug/l	97
90) Hexachloroethane	13.40	117	29682	21.71	ug/l	82
91) 1,2-Dichlorobenzene	13.19	146	52056	20.57	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.77	75	5511	22.01	ug/l	67

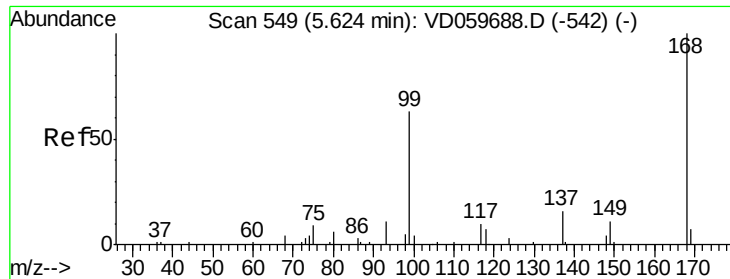
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
Data File : VD059719.D
Acq On : 9 Aug 2018 16:55
Operator : VA/AP
Sample : VD0809SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

Quant Time: Aug 10 01:16:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 08 02:03:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	46660	20.49	ug/l	96
94) Hexachlorobutadiene	14.43	225	39016	22.09	ug/l	97
95) Naphthalene	14.52	128	62809	18.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	42192	21.18	ug/l	98

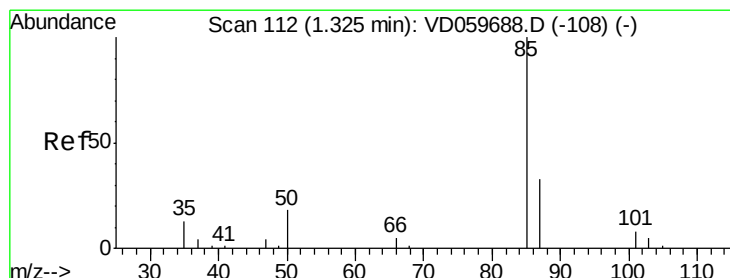
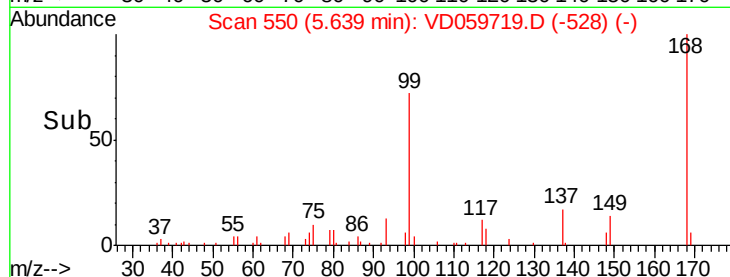
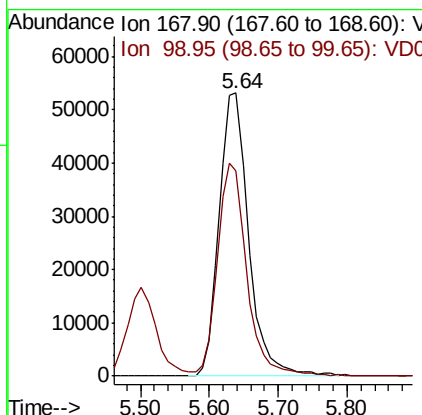
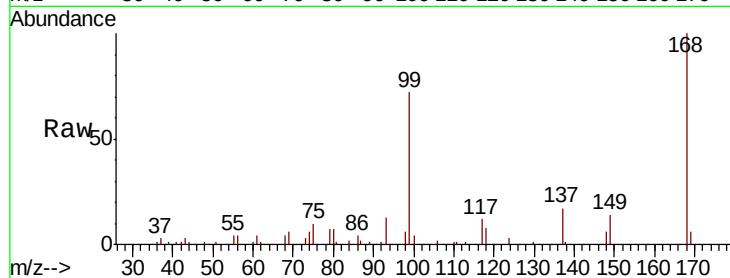
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

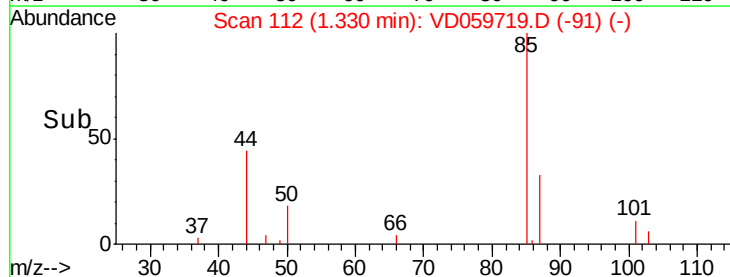
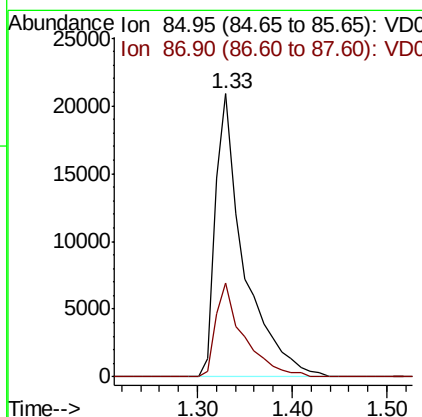
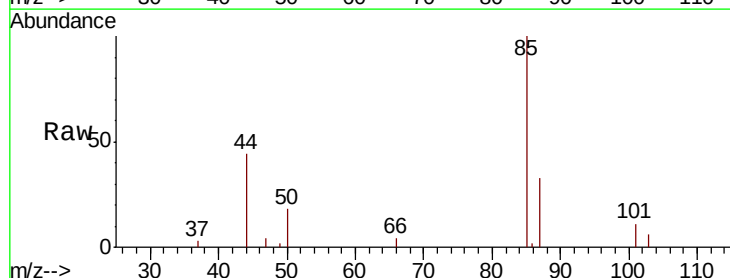
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

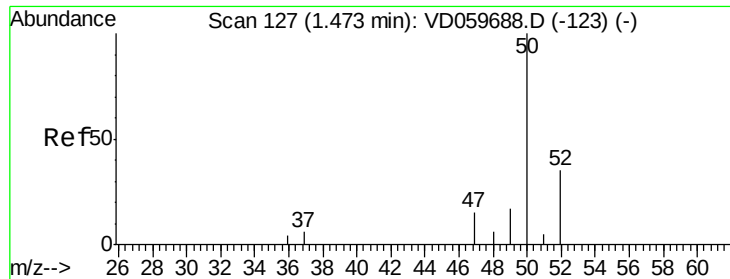
Tot Ion:168 Resp: 157890
Ion Ratio Lower Upper
168 100
99 72.5 53.4 80.2



#2
Dichlorodifluoromethane
Concen: 19.60 ug/l
RT: 1.33 min Scan# 112
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 85 Resp: 43444
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.1





#3

Chloromethane

Concen: 15.43 ug/l

RT: 1.47 min Scan# 126

Delta R.T. -0.00 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

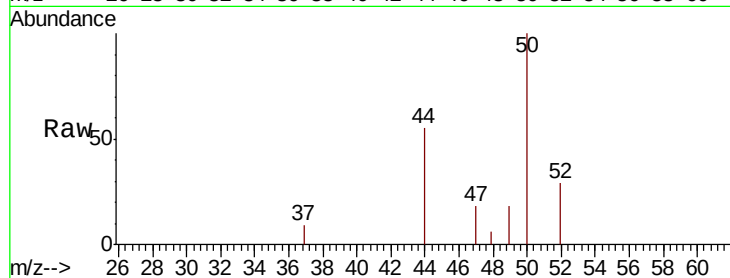
VD0809SBS01

Tot Ion: 50 Resp: 15233

Ion Ratio Lower Upper

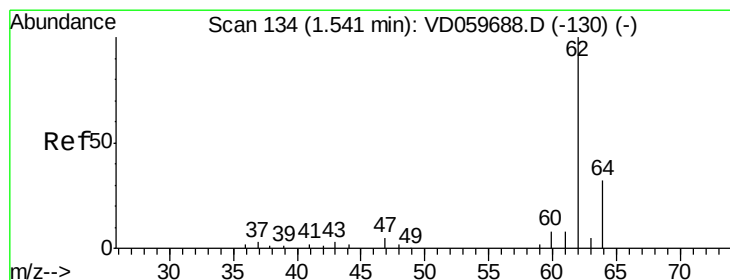
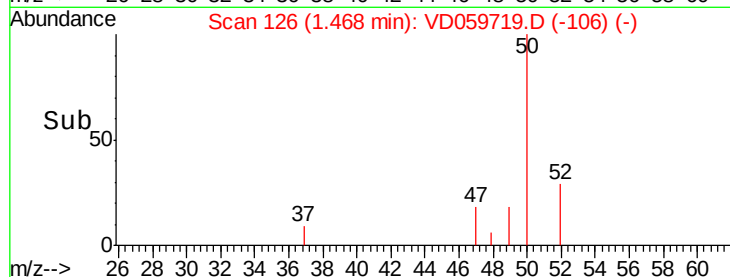
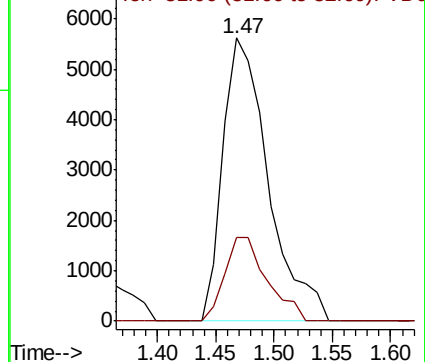
50 100

52 29.5 28.2 42.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 17.50 ug/l

RT: 1.54 min Scan# 133

Delta R.T. -0.00 min

Lab File: VD059719.D

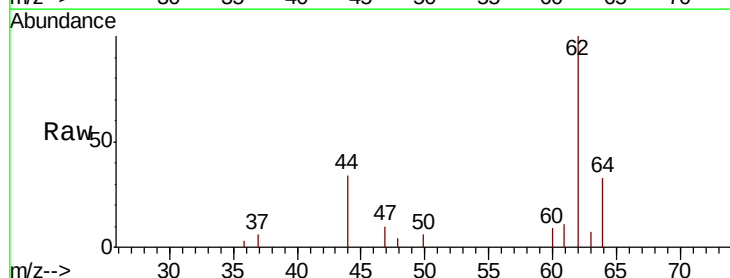
Acq: 9 Aug 2018 16:55

Tgt Ion: 62 Resp: 20181

Ion Ratio Lower Upper

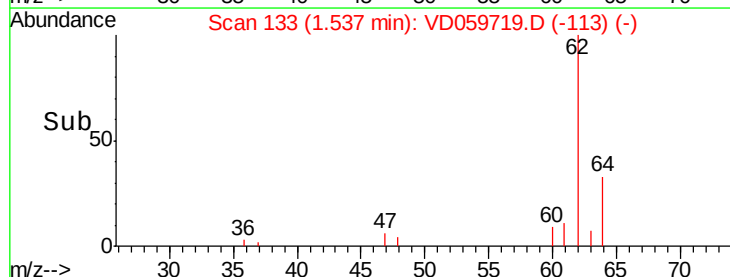
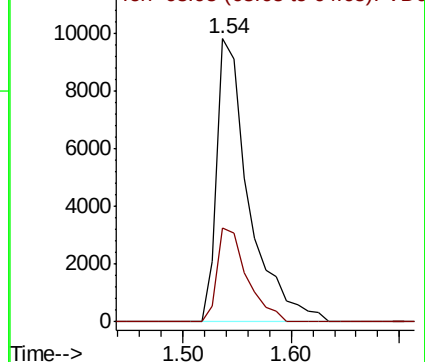
62 100

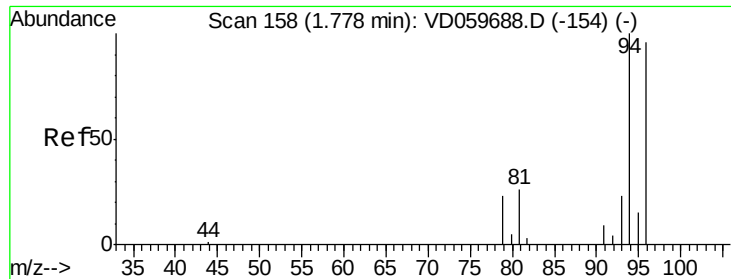
64 33.0 25.4 38.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.53 ug/l

RT: 1.77 min Scan# 157

Delta R.T. -0.00 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

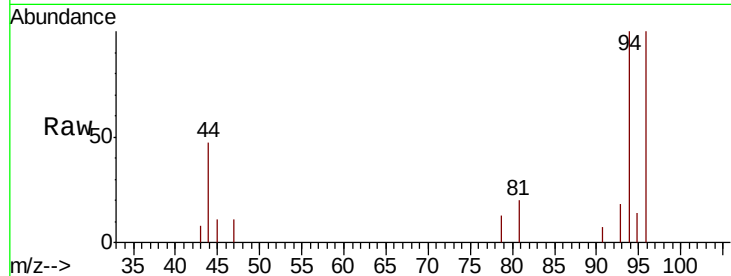
VD0809SBS01

Tot Ion: 94 Resp: 7032

Ion Ratio Lower Upper

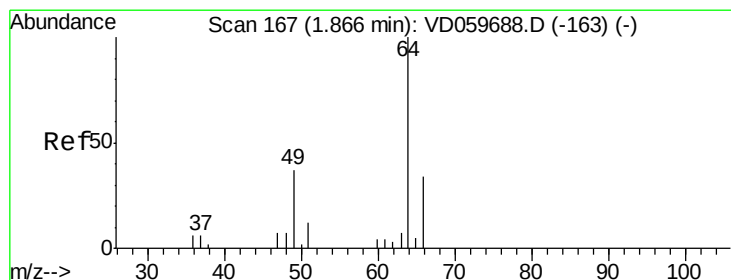
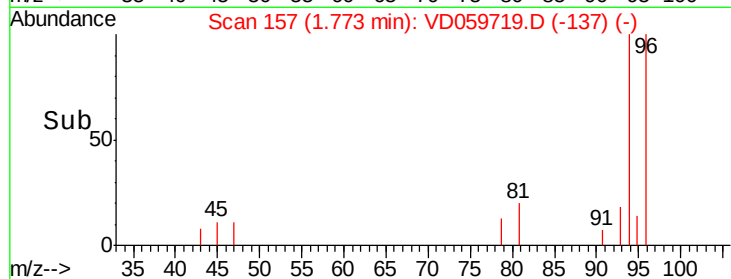
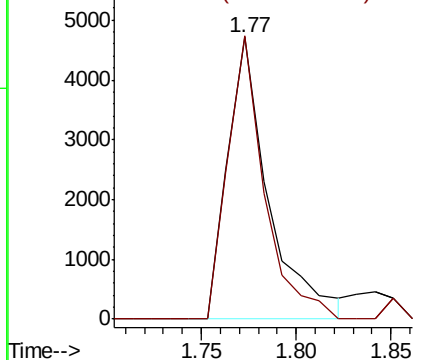
94 100

96 100.4 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.15 ug/l

RT: 1.85 min Scan# 165

Delta R.T. -0.01 min

Lab File: VD059719.D

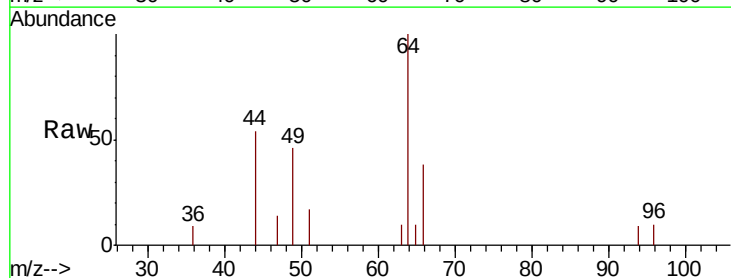
Acq: 9 Aug 2018 16:55

Tgt Ion: 64 Resp: 8974

Ion Ratio Lower Upper

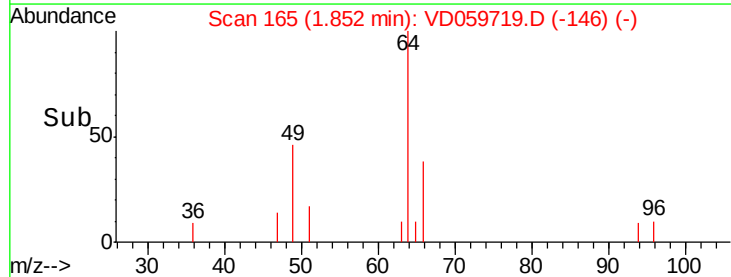
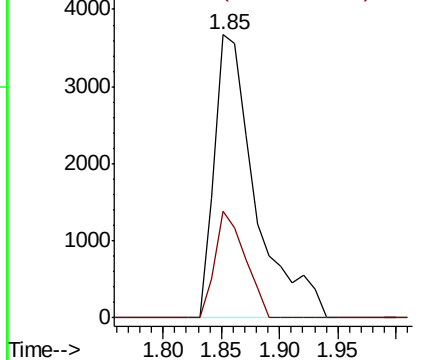
64 100

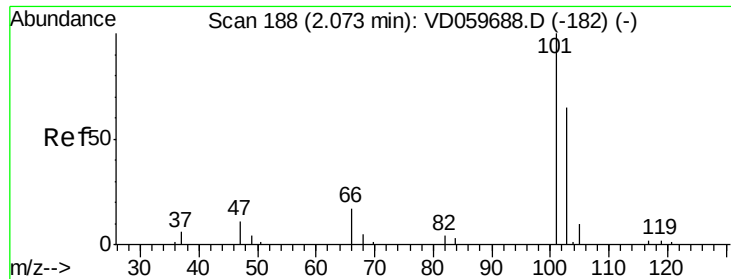
66 37.9 27.2 40.8



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



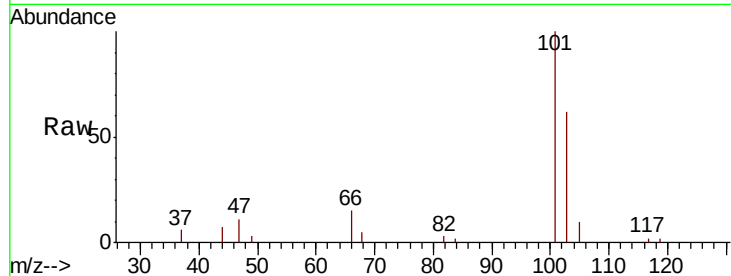


#7

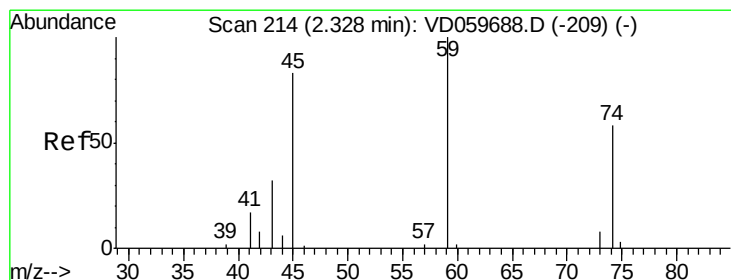
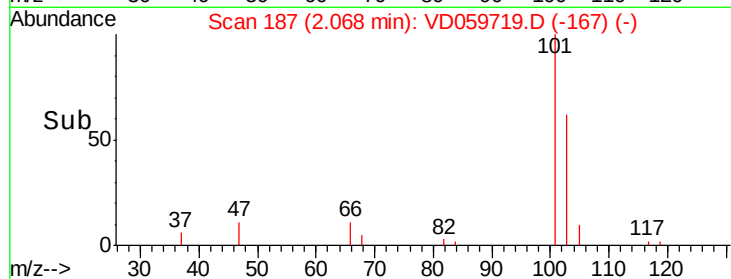
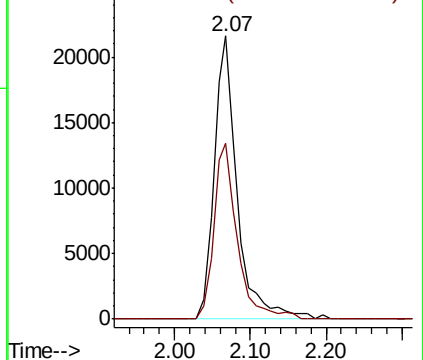
Trichlorofluoromethane
Concen: 24.45 ug/l
RT: 2.07 min Scan# 187
Delta R.T. -0.00 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

Tot Ion:101 Resp: 45952
Ion Ratio Lower Upper
101 100
103 62.1 51.7 77.5



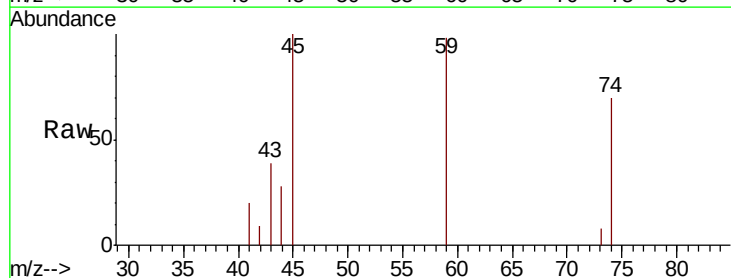
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



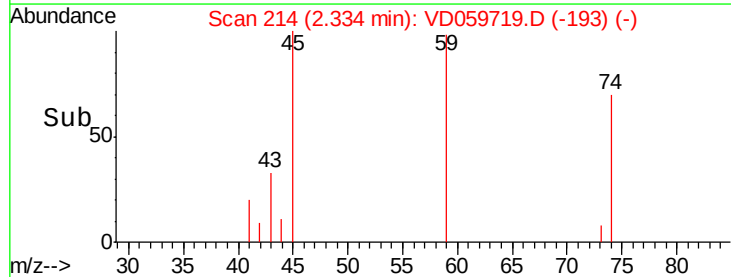
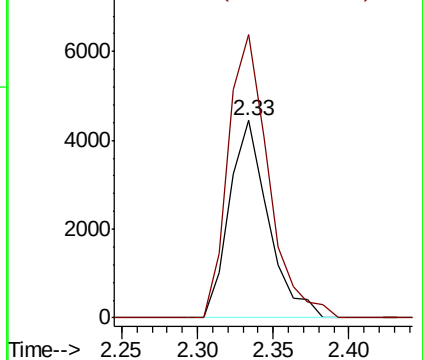
#8

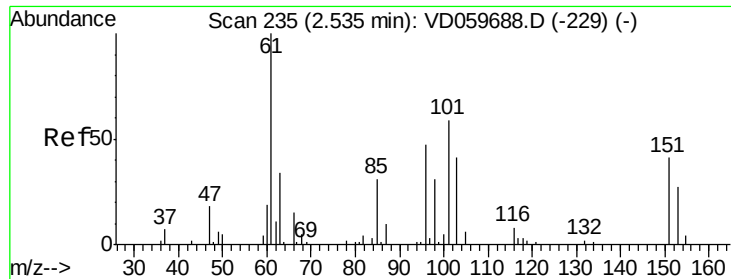
Diethyl Ether
Concen: 23.06 ug/l
RT: 2.33 min Scan# 214
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 74 Resp: 7937
Ion Ratio Lower Upper
74 100
45 143.6 71.4 214.2



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.64 ug/l

RT: 2.54 min Scan# 235

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

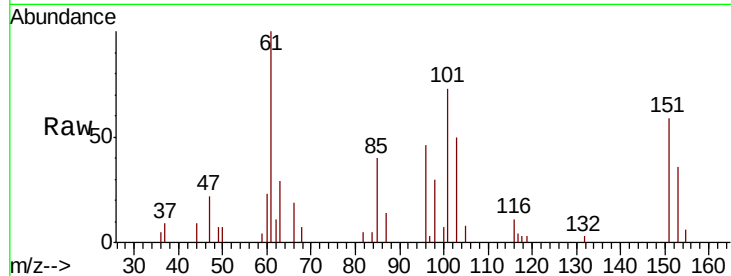
Tot Ion:101 Resp: 22970

Ion Ratio Lower Upper

101 100

85 54.5 42.2 63.4

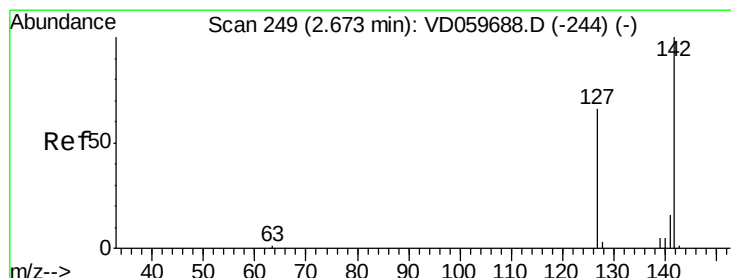
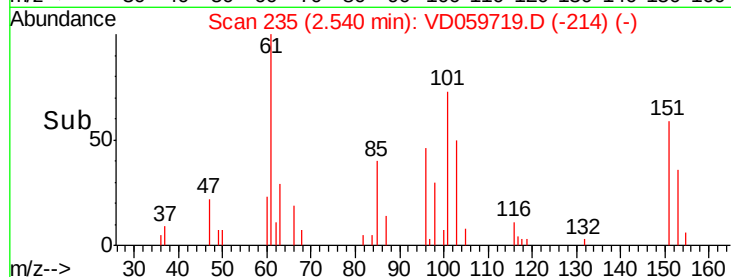
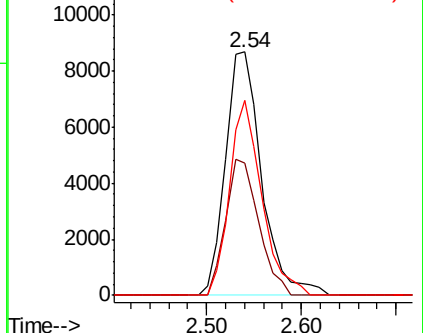
151 80.0 55.2 82.8



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 19.01 ug/l

RT: 2.68 min Scan# 249

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

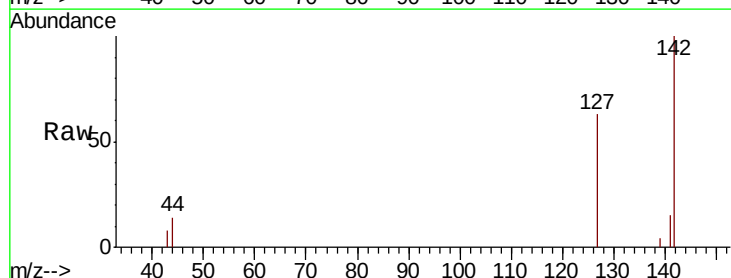
Tgt Ion:142 Resp: 23203

Ion Ratio Lower Upper

142 100

127 63.3 52.6 79.0

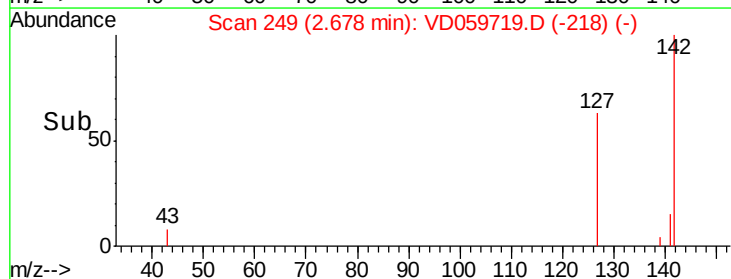
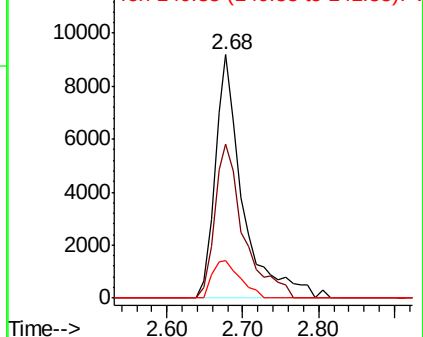
141 15.3 12.5 18.7

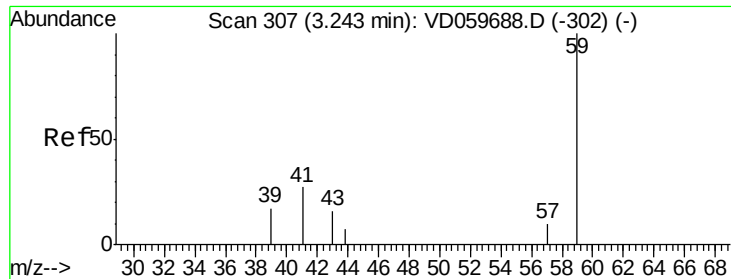


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

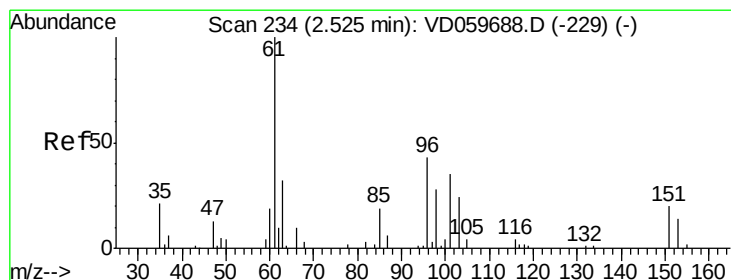
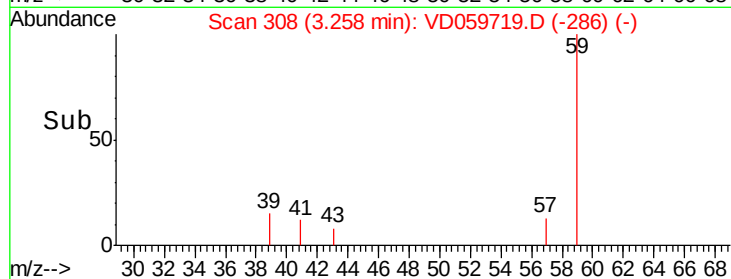
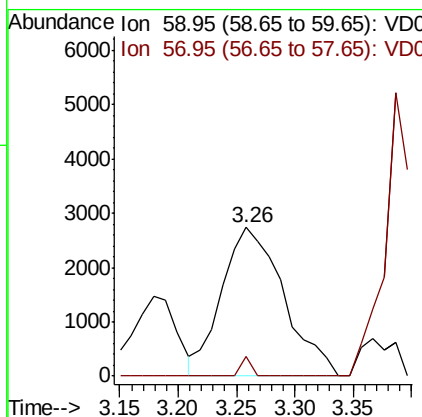
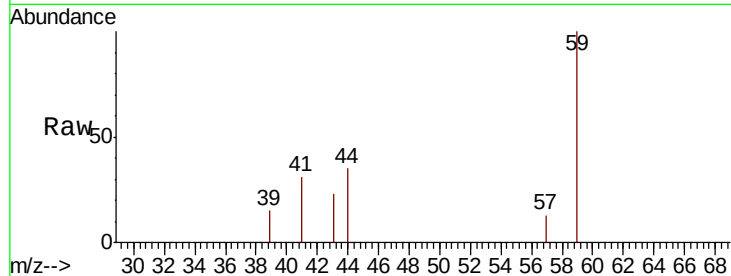




#11
Tert butyl alcohol
Concen: 135.95 ug/l
RT: 3.26 min Scan# 308
Delta R.T. 0.02 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

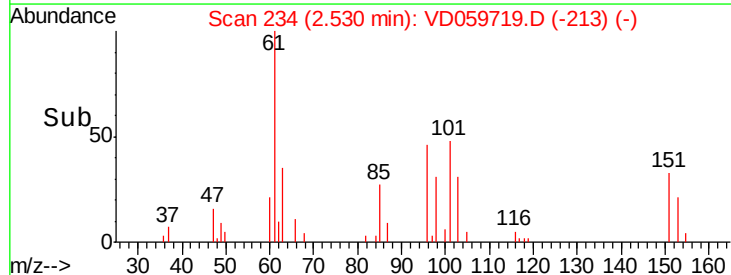
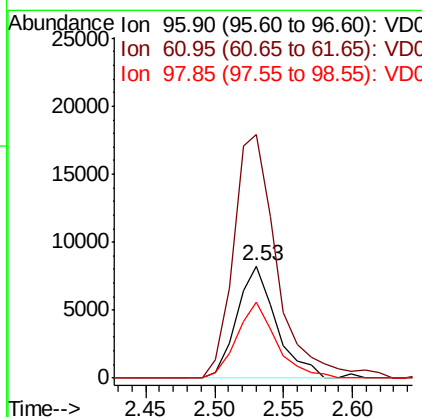
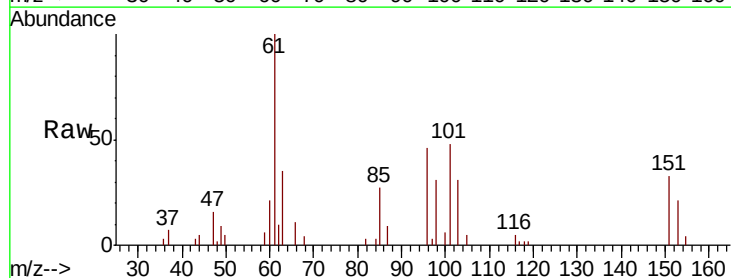
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

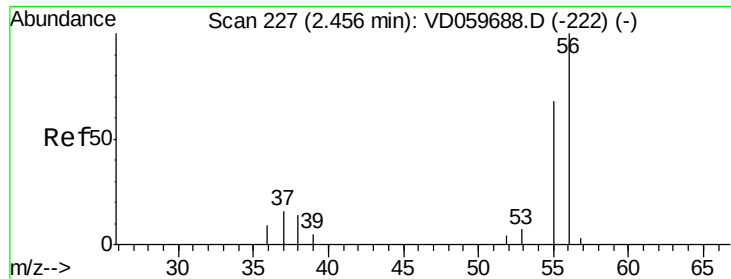
Tot Ion: 59 Resp: 10047
Ion Ratio Lower Upper
59 100
57 13.2 6.8 10.2#



#12
1,1-Dichloroethene
Concen: 21.13 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 96 Resp: 16390
Ion Ratio Lower Upper
96 100
61 217.0 184.1 276.1
98 67.6 52.4 78.6





#13

Acrolein

Concen: 87.75 ug/l

RT: 2.46 min Scan# 227

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

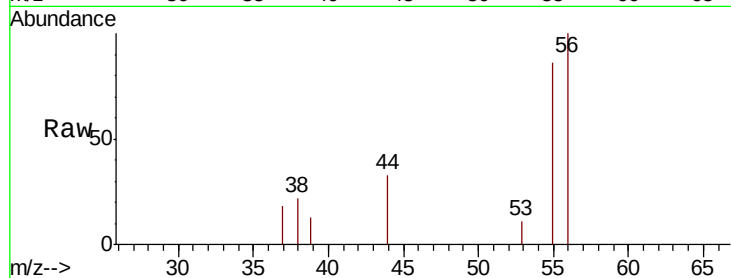
VD0809SBS01

Tot Ion: 56 Resp: 6091

Ion Ratio Lower Upper

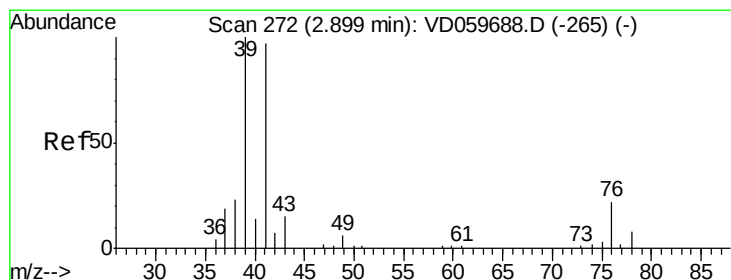
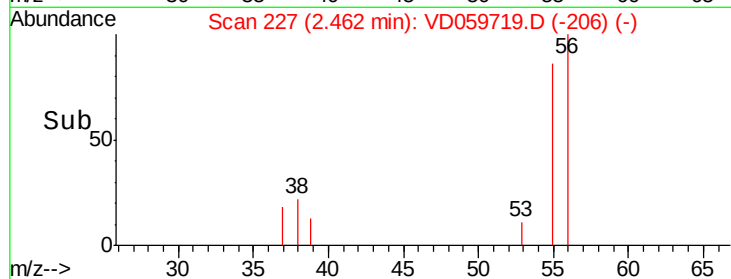
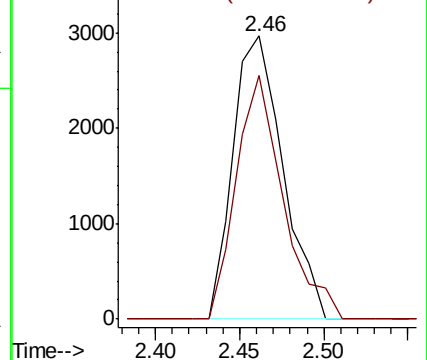
56 100

55 85.9 54.4 81.6#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.38 ug/l

RT: 2.90 min Scan# 272

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

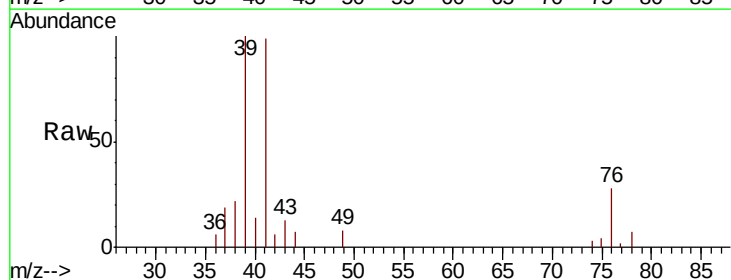
Tgt Ion: 41 Resp: 37942

Ion Ratio Lower Upper

41 100

39 101.1 82.5 123.7

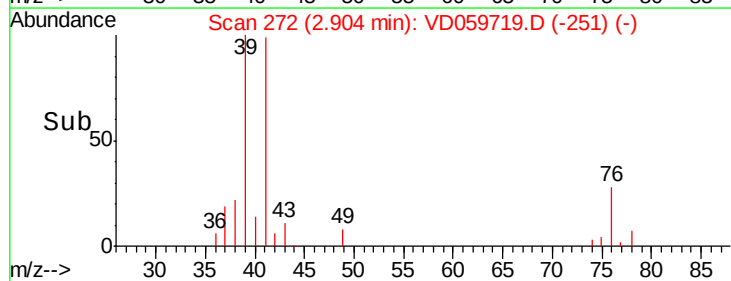
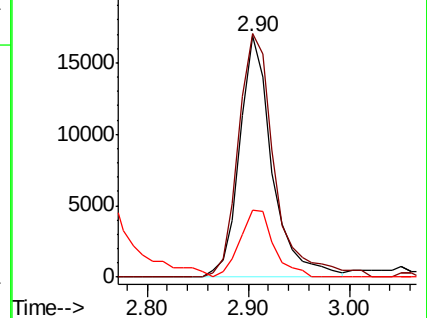
76 27.8 22.1 33.1

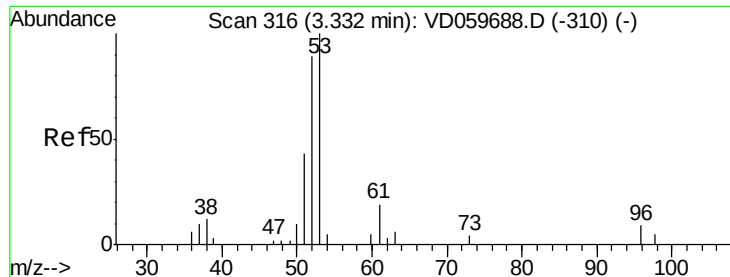


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 105.92 ug/l

RT: 3.35 min Scan# 317

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

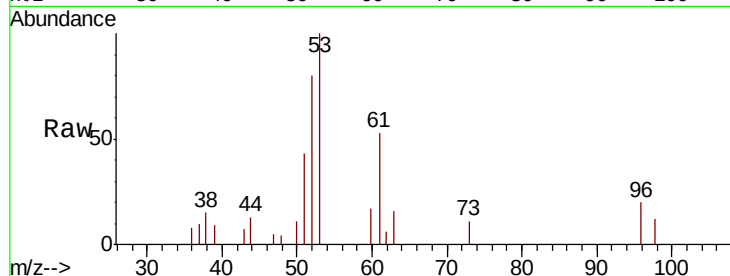
Tot Ion: 53 Resp: 21712

Ion Ratio Lower Upper

53 100

52 79.7 71.4 107.0

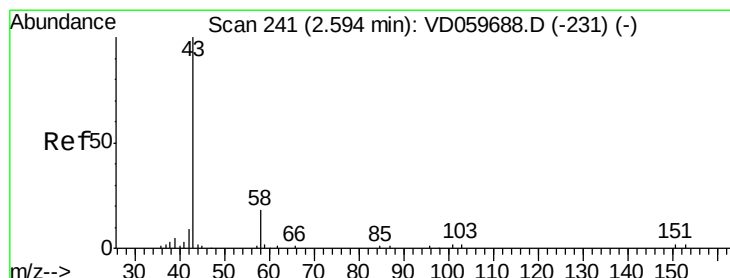
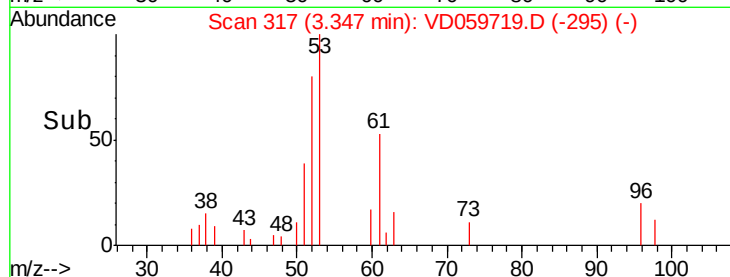
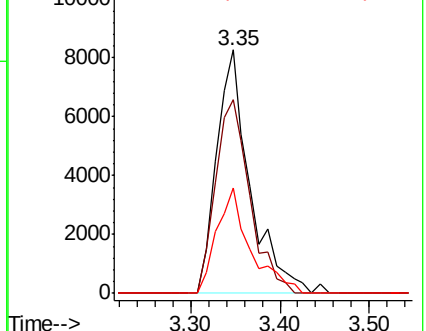
51 43.1 34.2 51.4



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: 96.92 ug/l

RT: 2.60 min Scan# 241

Delta R.T. 0.01 min

Lab File: VD059719.D

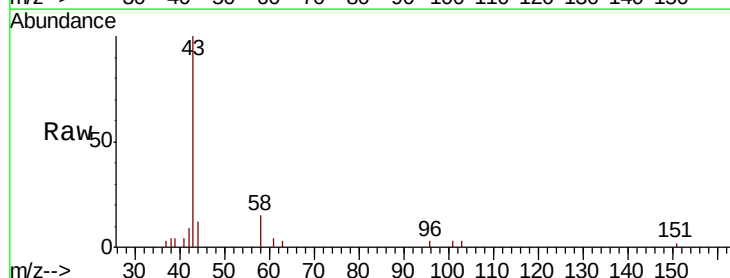
Acq: 9 Aug 2018 16:55

Tgt Ion: 43 Resp: 36978

Ion Ratio Lower Upper

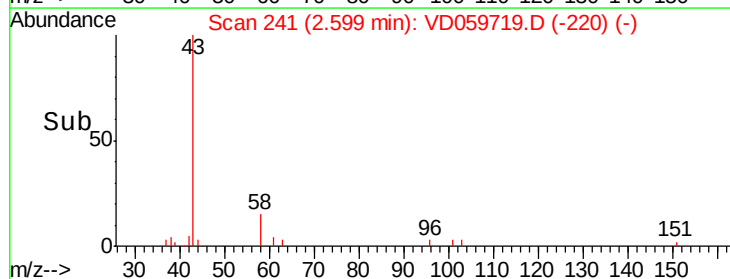
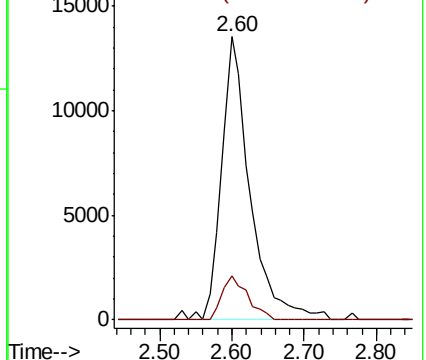
43 100

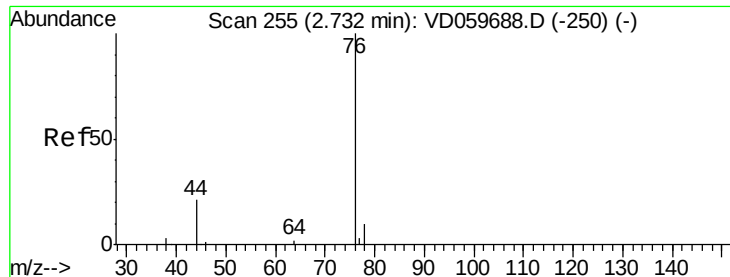
58 15.3 14.2 21.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

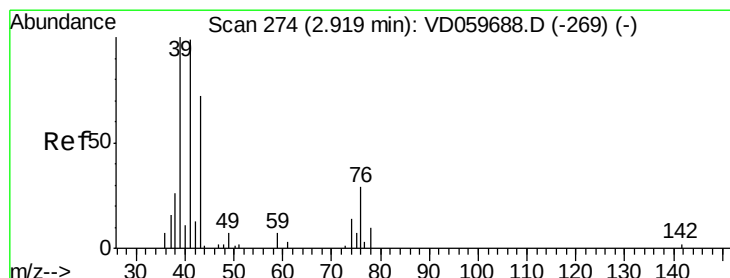
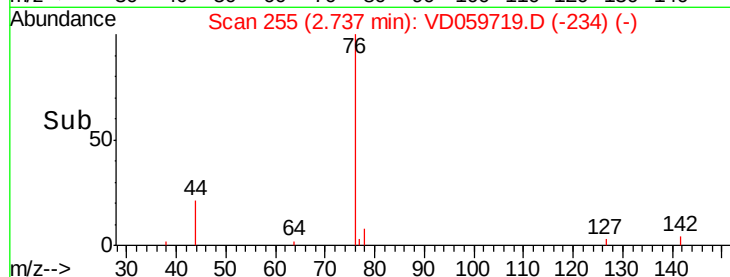
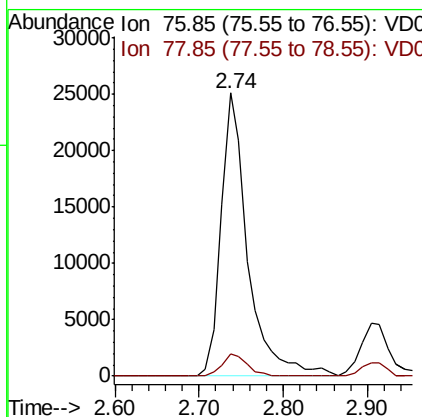
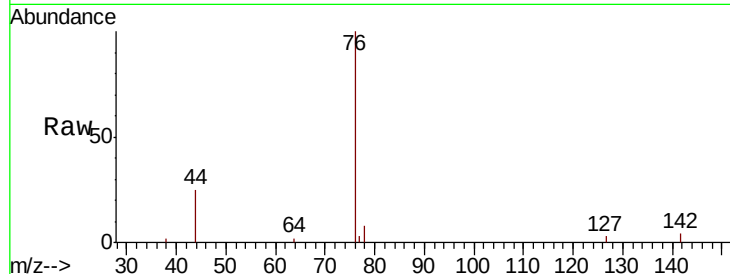




#17
Carbon Disulfide
Concen: 19.74 ug/l
RT: 2.74 min Scan# 255
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

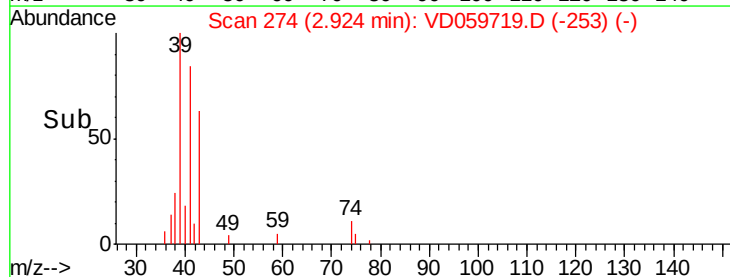
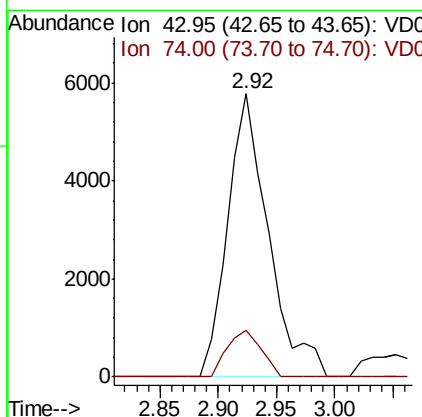
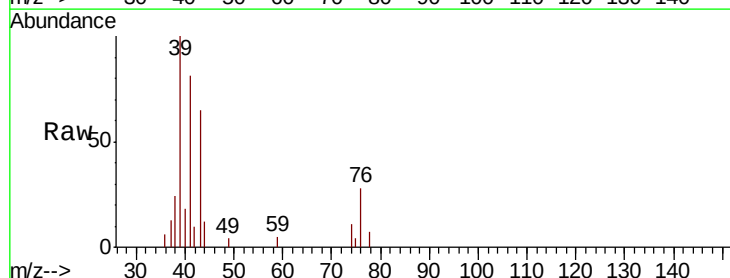
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

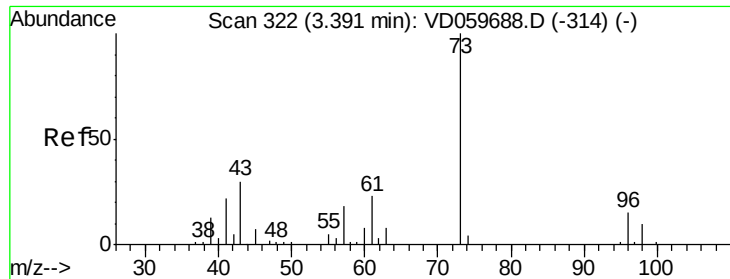
Tot Ion: 76 Resp: 55294
Ion Ratio Lower Upper
76 100
78 8.1 7.7 11.5



#18
Methyl Acetate
Concen: 19.82 ug/l
RT: 2.92 min Scan# 274
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 43 Resp: 13970
Ion Ratio Lower Upper
43 100
74 16.6 15.7 23.5

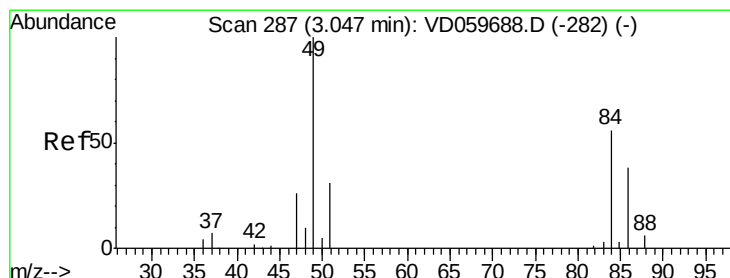
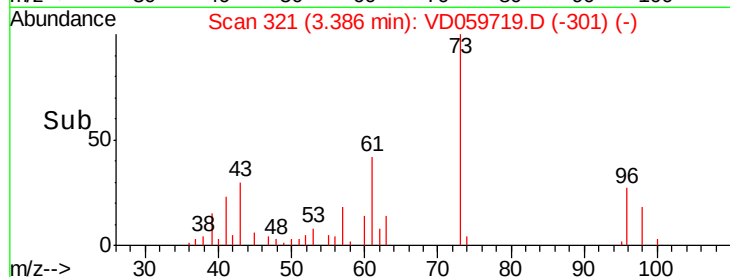
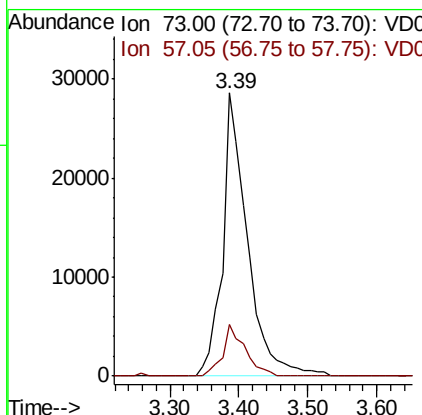
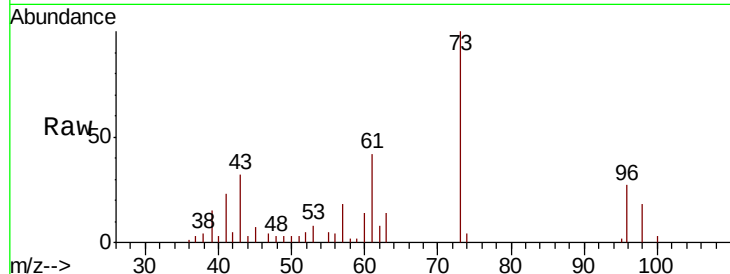




#19
Methyl tert-butyl Ether
Concen: 24.11 ug/l
RT: 3.39 min Scan# 321
Delta R.T. -0.00 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

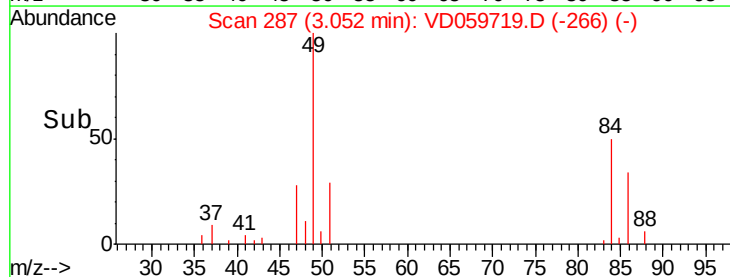
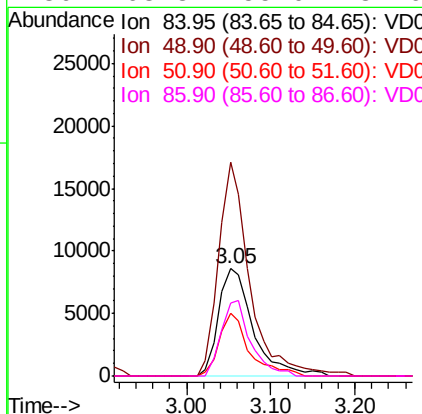
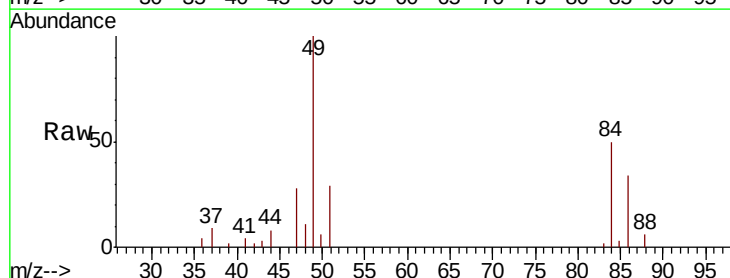
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

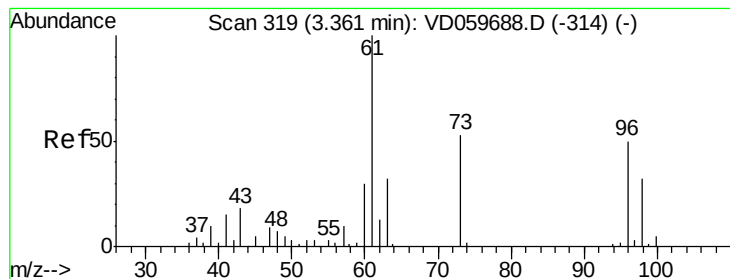
Tot Ion: 73 Resp: 71360
Ion Ratio Lower Upper
73 100
57 18.2 14.3 21.5



#20
Methylene Chloride
Concen: 16.65 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 84 Resp: 24581
Ion Ratio Lower Upper
84 100
49 198.9 143.4 215.2
51 58.4 44.2 66.4
86 68.3 55.0 82.6





#21

trans-1,2-Dichloroethene

Concen: 19.50 ug/l

RT: 3.39 min Scan# 321

Delta R.T. 0.03 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

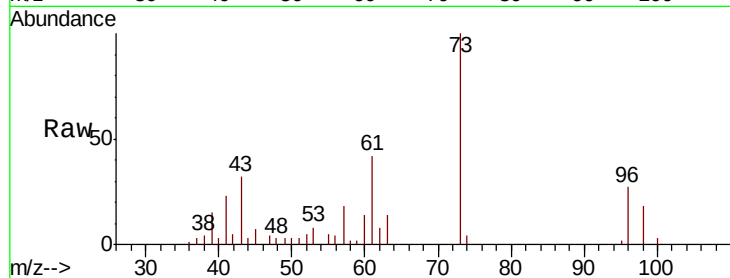
Tot Ion: 96 Resp: 19791

Ion Ratio Lower Upper

96 100

61 152.5 160.6 241.0#

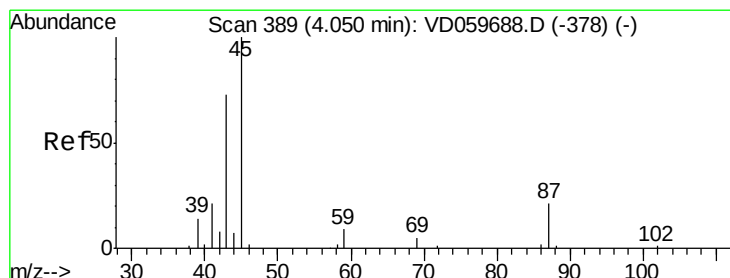
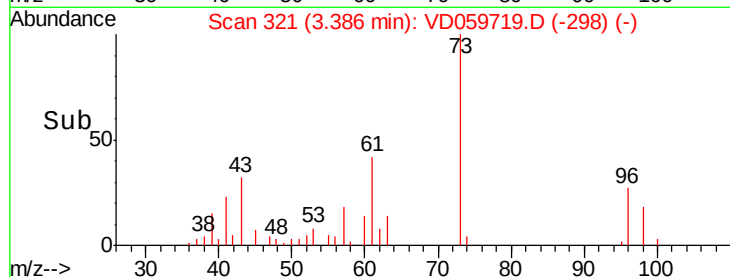
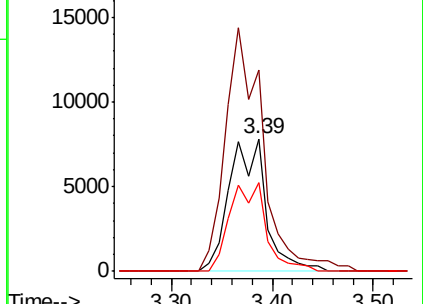
98 67.2 50.9 76.3



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



#22

Diisopropyl ether

Concen: 16.87 ug/l

RT: 4.07 min Scan# 390

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Tgt Ion: 45 Resp: 70401

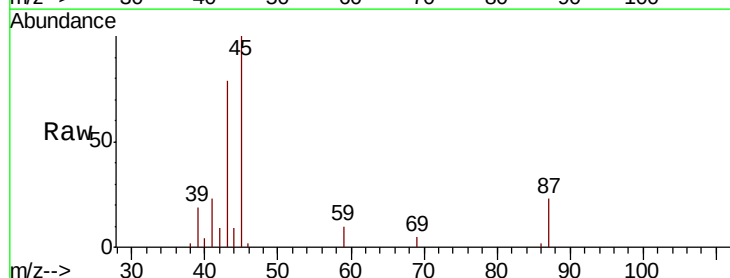
Ion Ratio Lower Upper

45 100

43 79.4 60.3 90.5

87 23.0 17.0 25.6

59 9.8 7.9 11.9

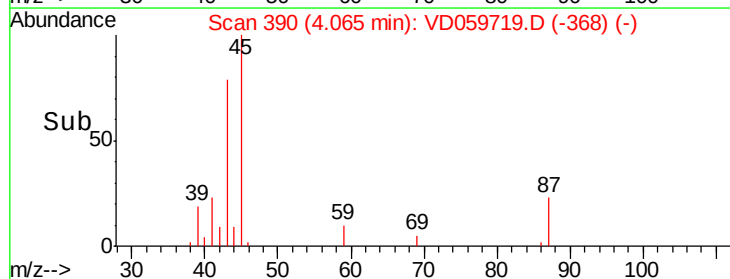
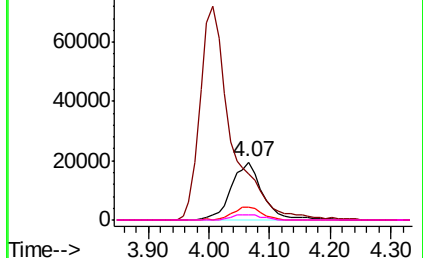


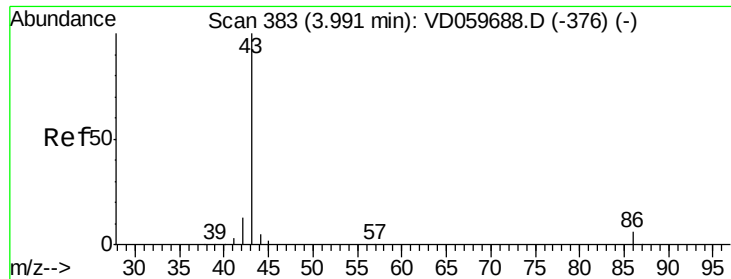
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 98.01 ug/l

RT: 4.01 min Scan# 384

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

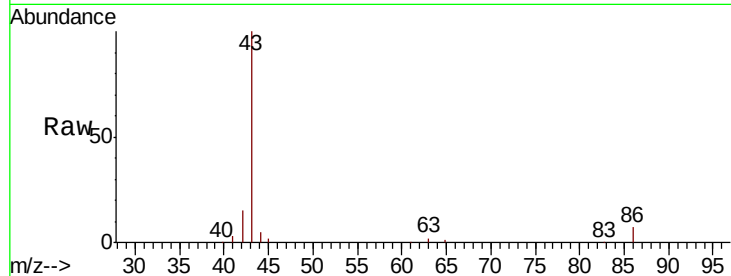
VD0809SBS01

Tot Ion: 43 Resp: 259379

Ion Ratio Lower Upper

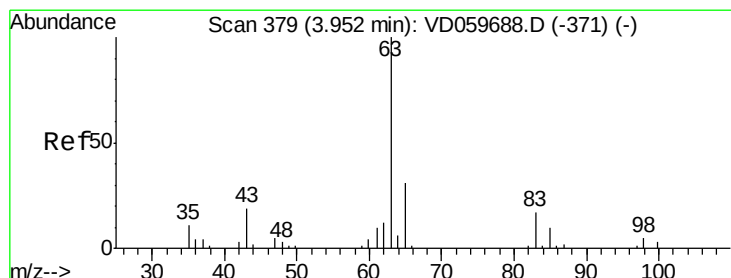
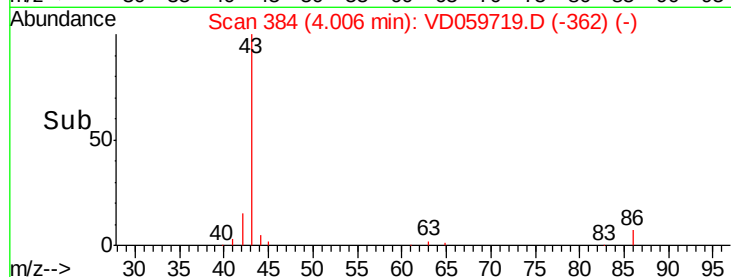
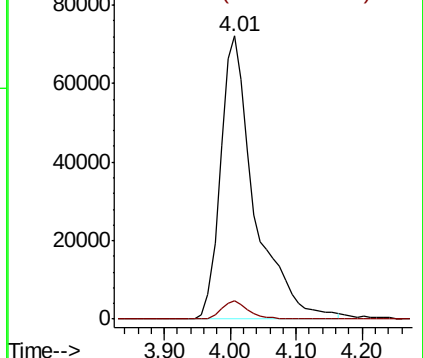
43 100

86 6.7 4.8 7.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.70 ug/l

RT: 3.96 min Scan# 379

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

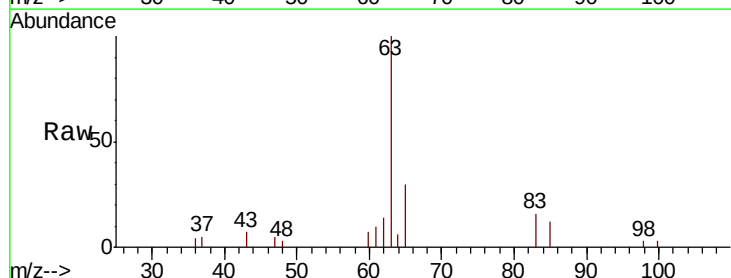
Tgt Ion: 63 Resp: 51655

Ion Ratio Lower Upper

63 100

98 3.3 2.4 7.1

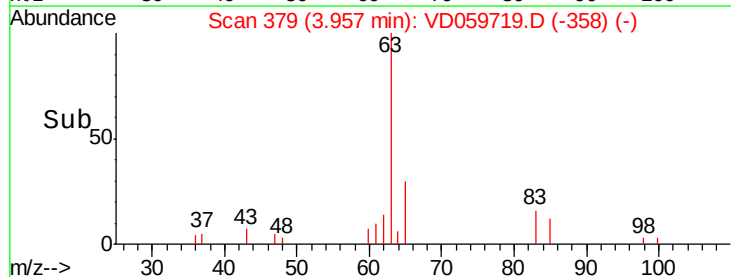
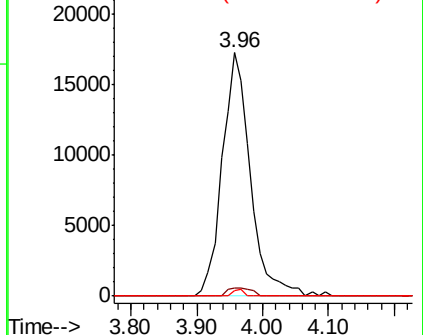
100 2.5 1.6 4.8

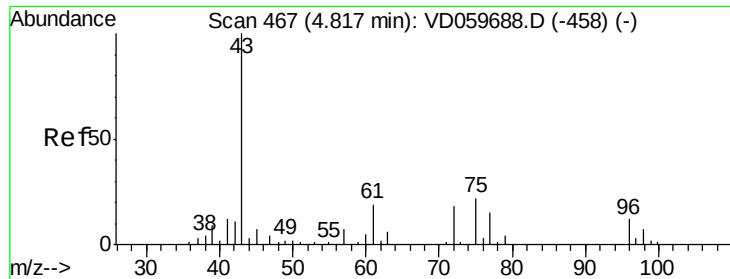


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 79.03 ug/l

RT: 4.83 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

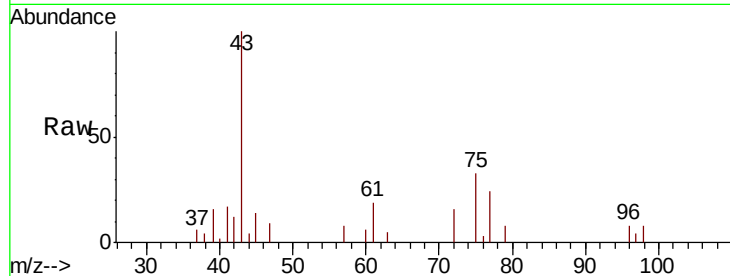
VD0809SBS01

Tot Ion: 43 Resp: 39602

Ion Ratio Lower Upper

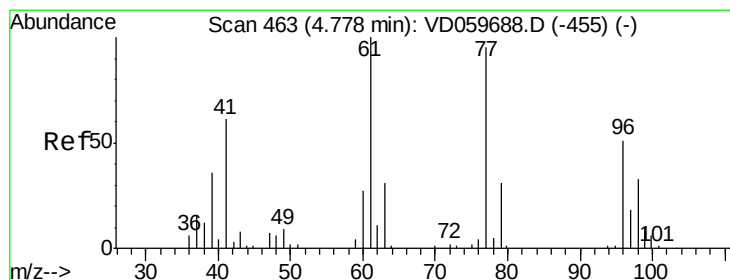
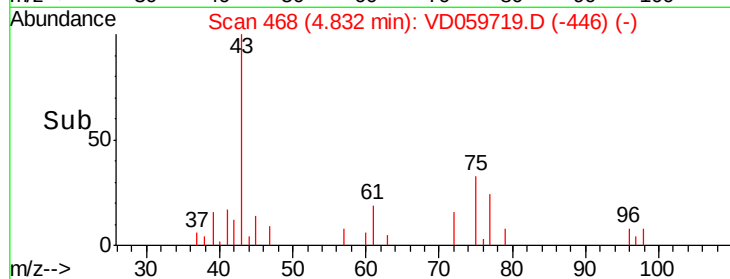
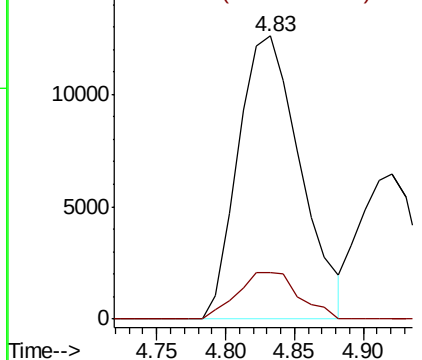
43 100

72 16.3 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 22.93 ug/l

RT: 4.78 min Scan# 463

Delta R.T. 0.01 min

Lab File: VD059719.D

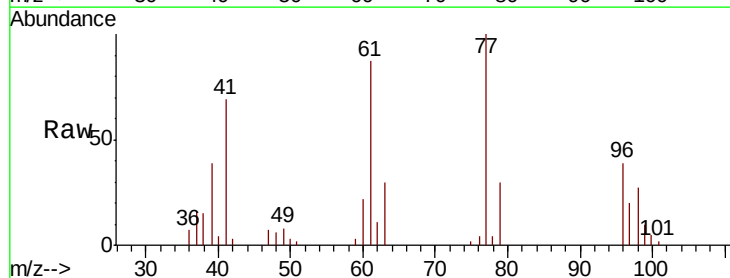
Acq: 9 Aug 2018 16:55

Tgt Ion: 77 Resp: 67645

Ion Ratio Lower Upper

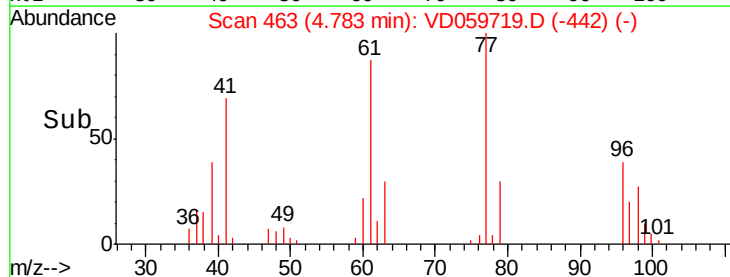
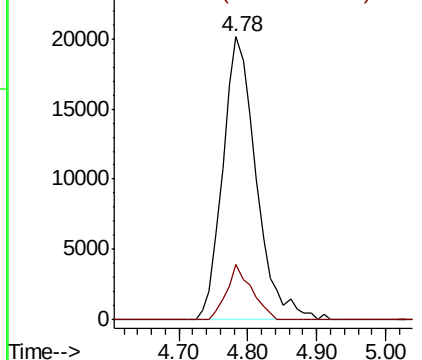
77 100

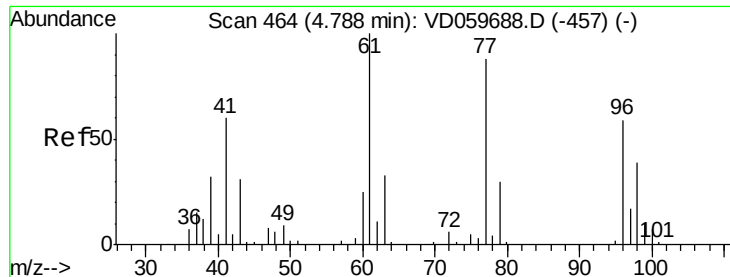
97 19.7 9.4 28.3



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 17.07 ug/l

RT: 4.79 min Scan# 464

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

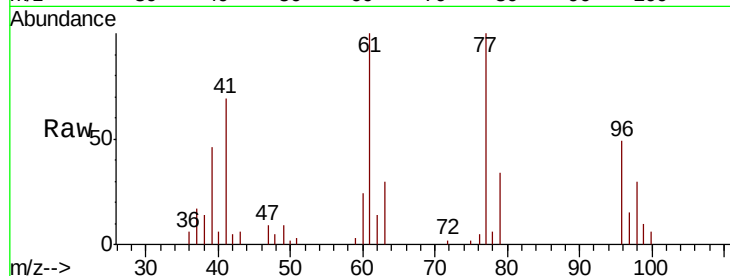
Tot Ion: 96 Resp: 25161

Ion Ratio Lower Upper

96 100

61 206.1 0.0 341.6

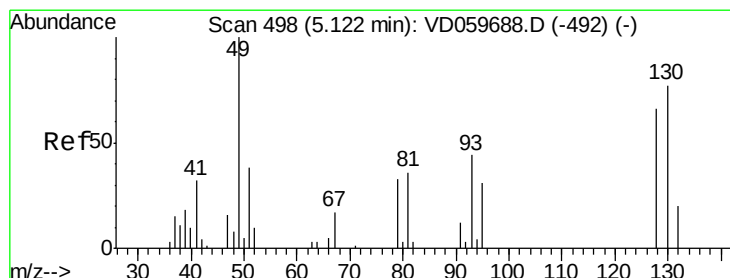
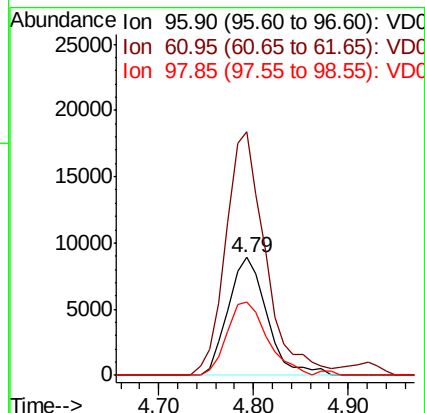
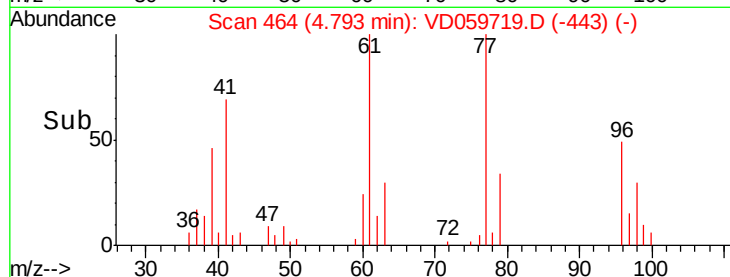
98 62.5 0.0 131.0



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



#28

Bromochloromethane

Concen: 18.16 ug/l

RT: 5.14 min Scan# 499

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

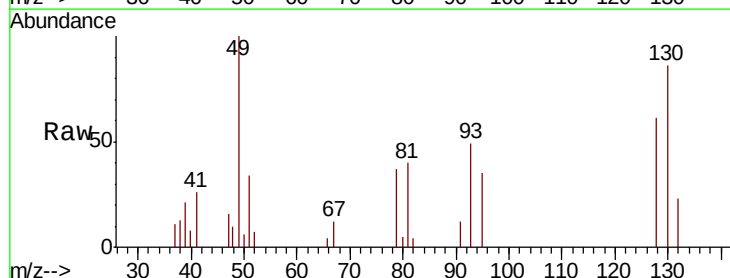
Tgt Ion: 49 Resp: 18525

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

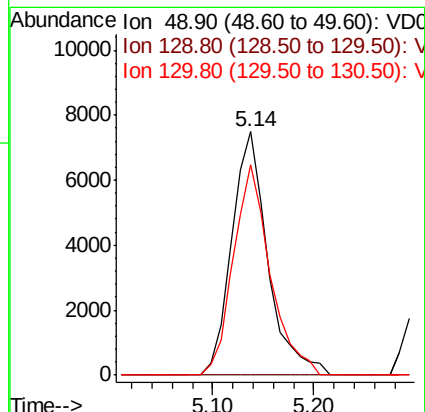
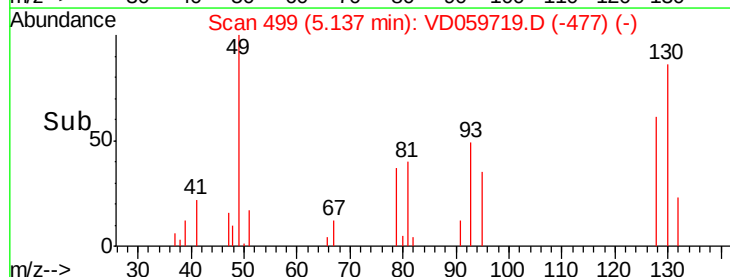
130 86.3 61.2 91.8

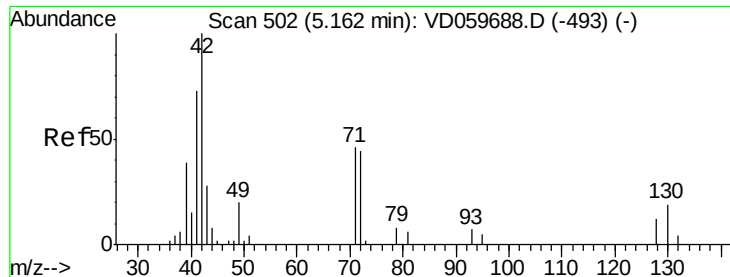


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 78.50 ug/l

RT: 5.18 min Scan# 503

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

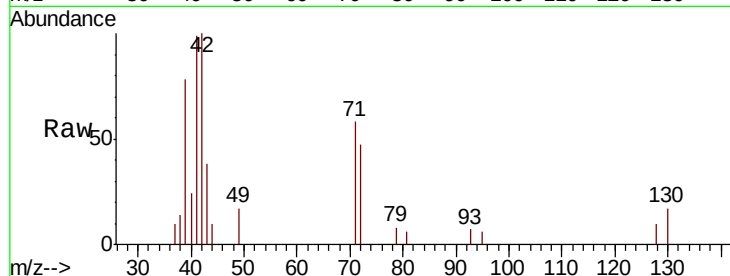
Tot Ion: 42 Resp: 15235

Ion Ratio Lower Upper

42 100

72 46.1 36.7 55.1

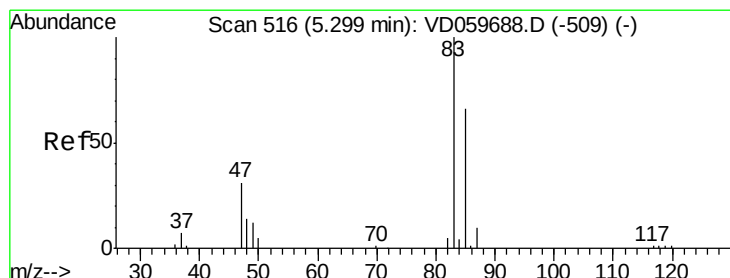
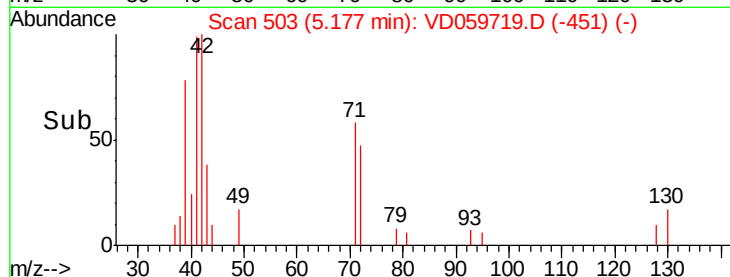
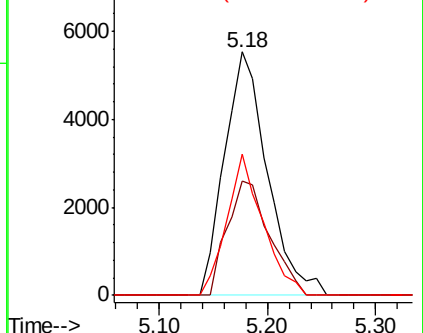
71 48.9 36.3 54.5



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



#30

Chloroform

Concen: 20.54 ug/l

RT: 5.31 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD059719.D

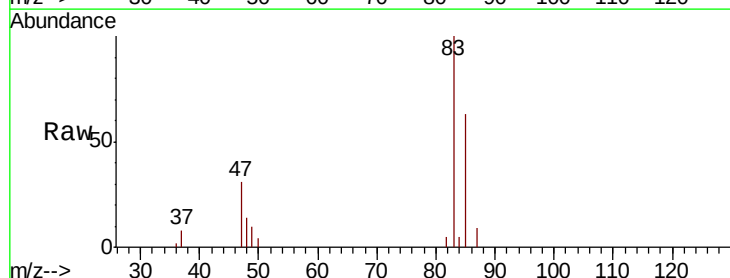
Acq: 9 Aug 2018 16:55

Tgt Ion: 83 Resp: 69173

Ion Ratio Lower Upper

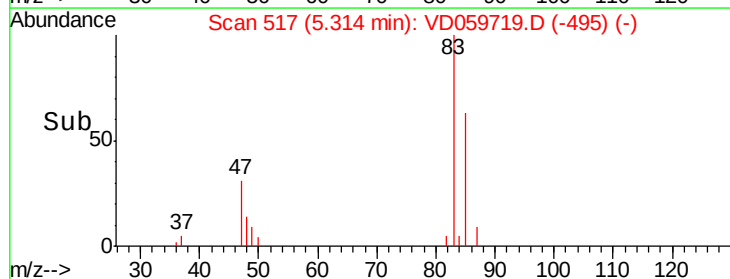
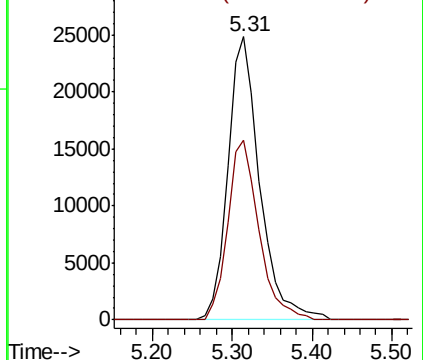
83 100

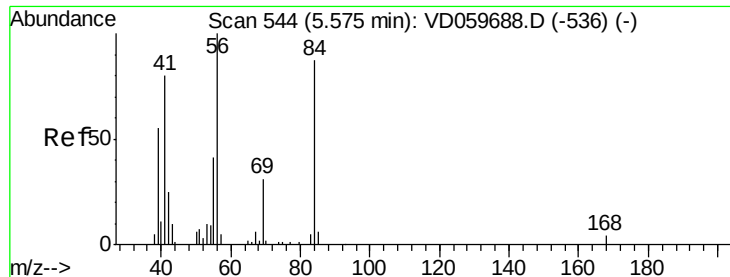
85 63.3 52.6 79.0



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

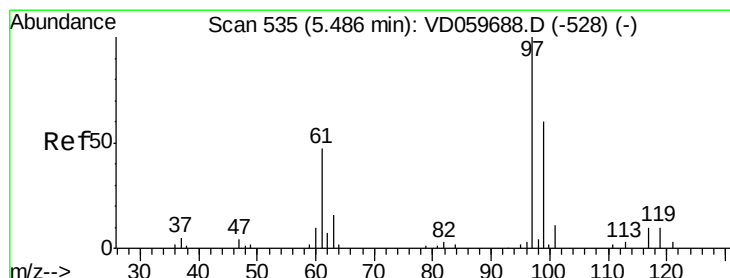
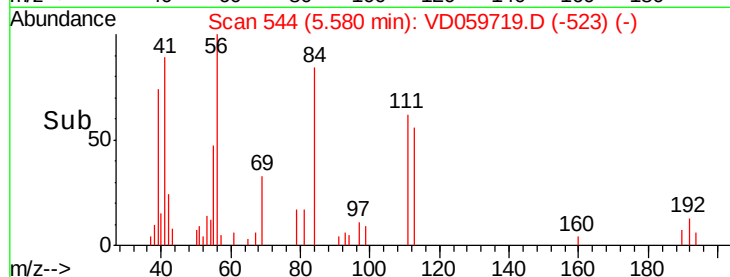
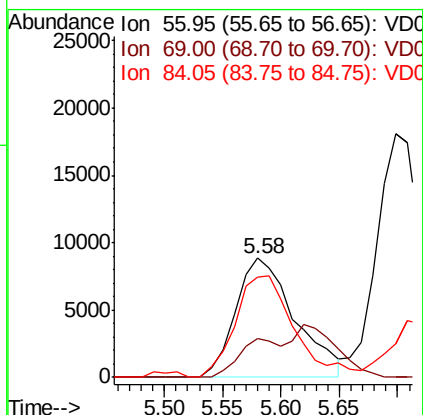
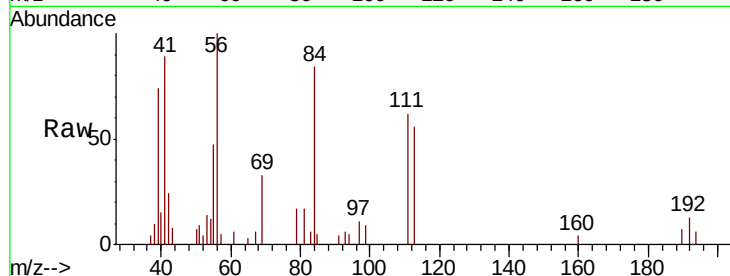




#31
Cyclohexane
Concen: 15.02 ug/l
RT: 5.58 min Scan# 544
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

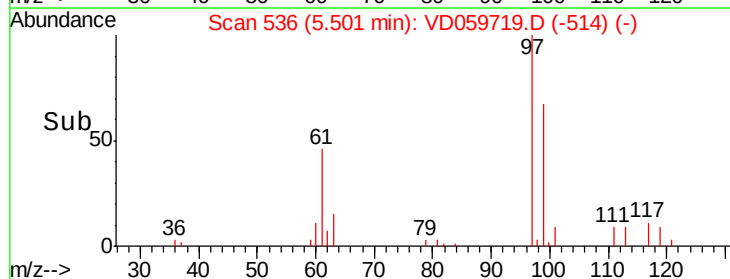
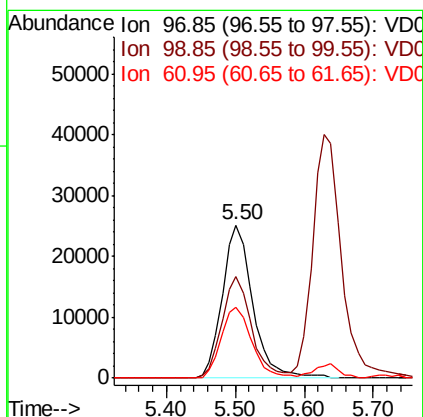
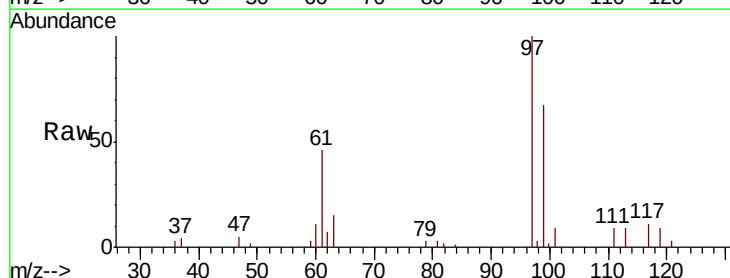
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

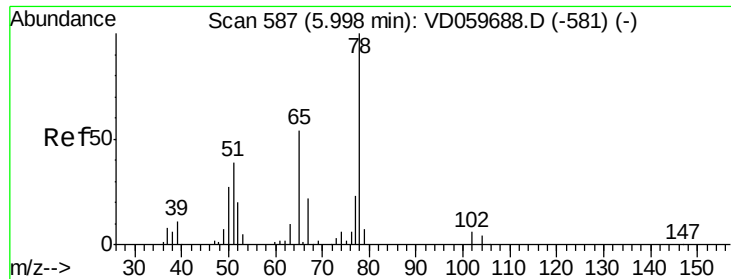
Tot Ion: 56 Resp: 31185
Ion Ratio Lower Upper
56 100
69 32.9 24.7 37.1
84 84.0 72.2 108.2



#32
1,1,1-Trichloroethane
Concen: 23.51 ug/l
RT: 5.50 min Scan# 536
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 97 Resp: 77008
Ion Ratio Lower Upper
97 100
99 66.5 48.2 72.2
61 46.5 37.5 56.3

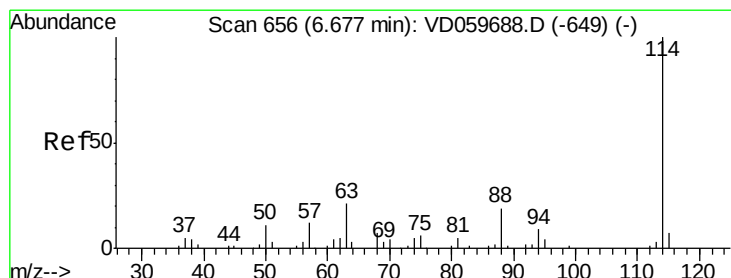
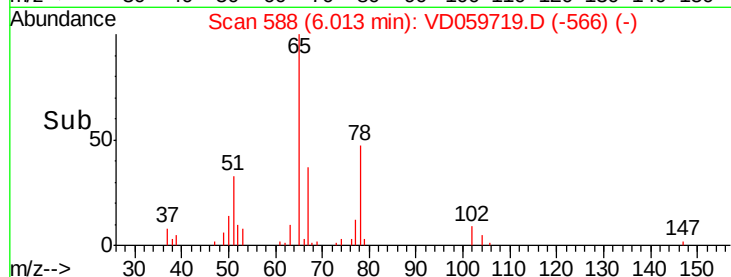
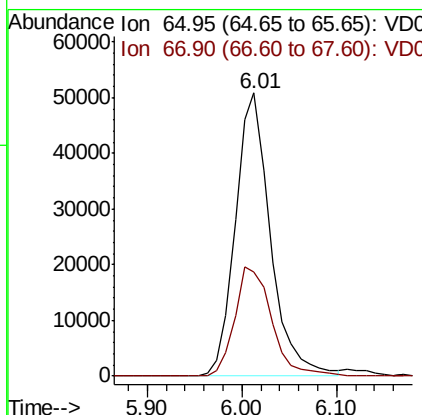
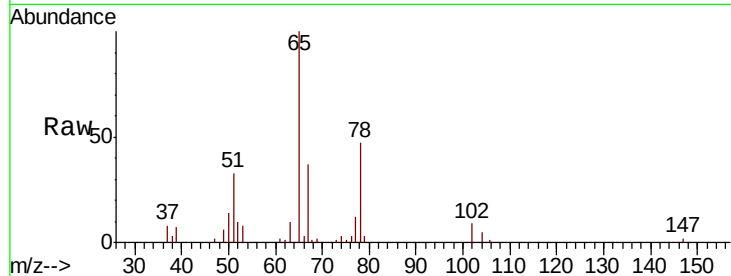




#33
 1,2-Dichloroethane-d4
 Concen: 23.51 ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

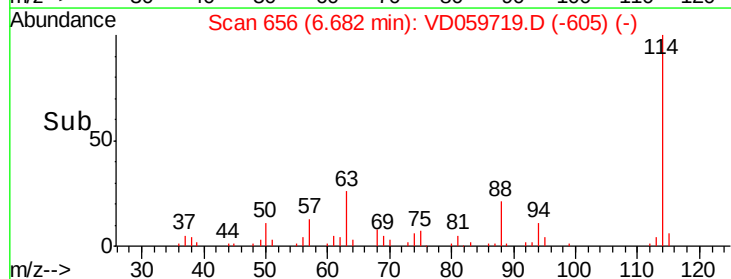
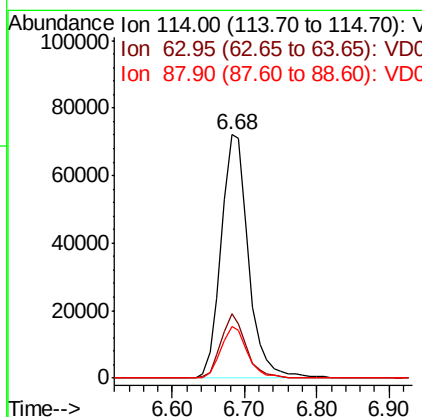
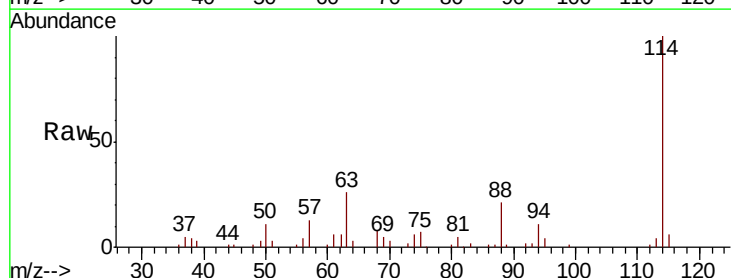
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

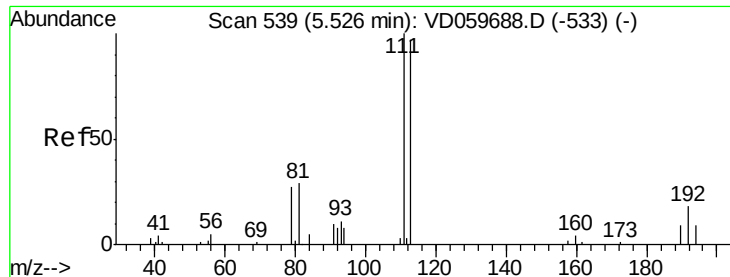
Tot Ion: 65 Resp: 130392
 Ion Ratio Lower Upper
 65 100
 67 36.9 0.0 80.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Tgt Ion: 114 Resp: 188025
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 42.6
 88 21.0 0.0 38.8

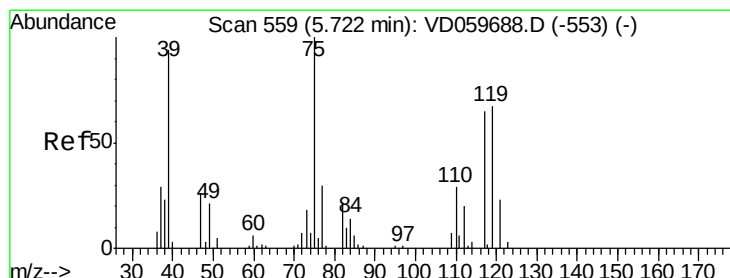
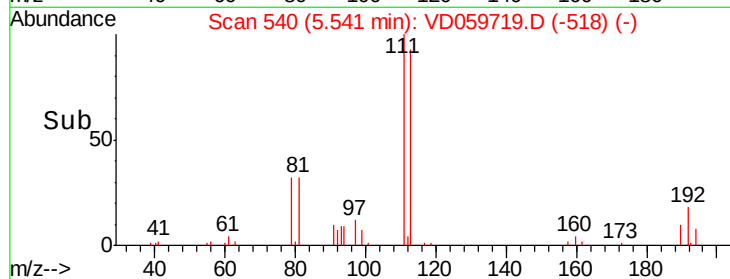
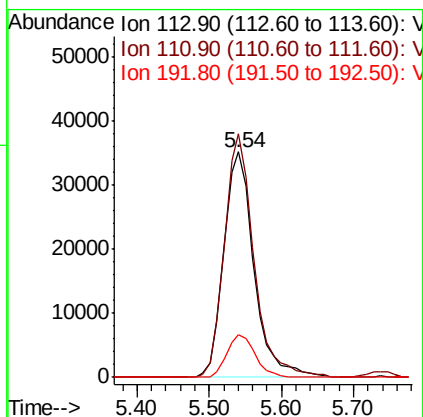
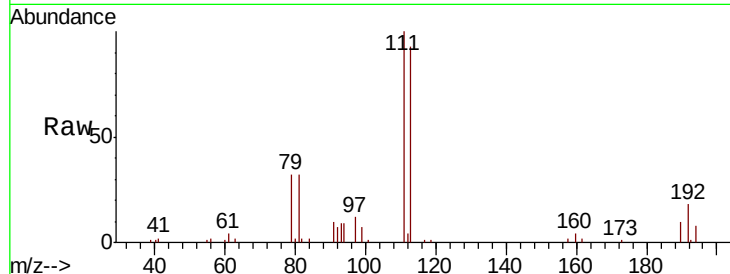




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.02 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

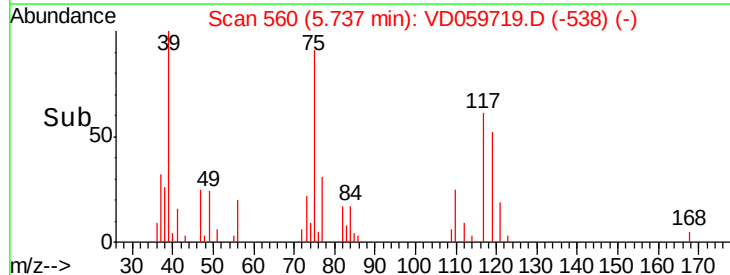
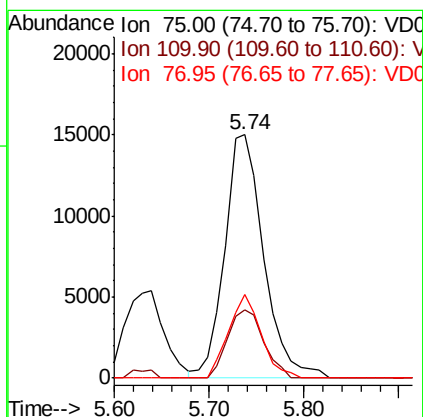
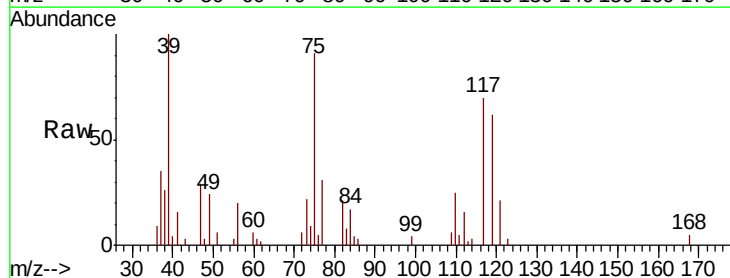
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

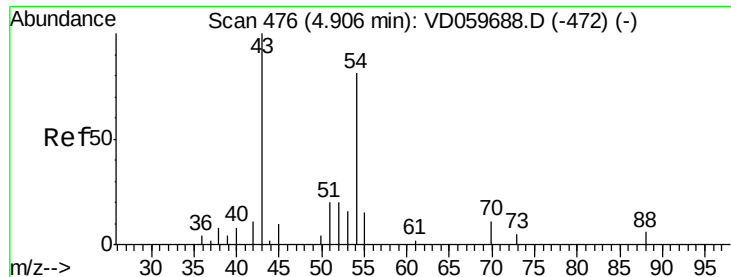
Tot Ion	Ratio	Lower	Upper
113	100		
111	108.1	82.8	124.2
192	19.1	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 20.44 ug/l
 RT: 5.74 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	28.1	14.1	42.3
77	34.4	23.9	35.9

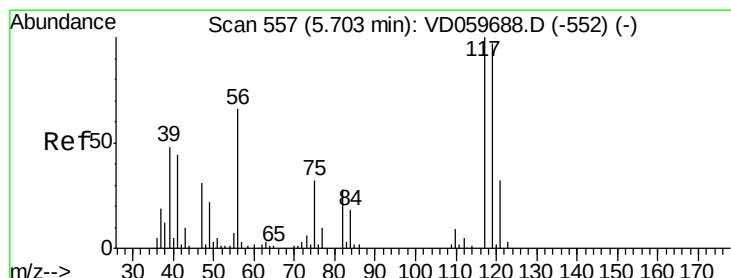
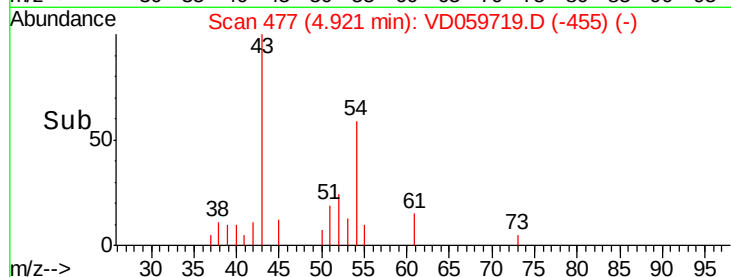
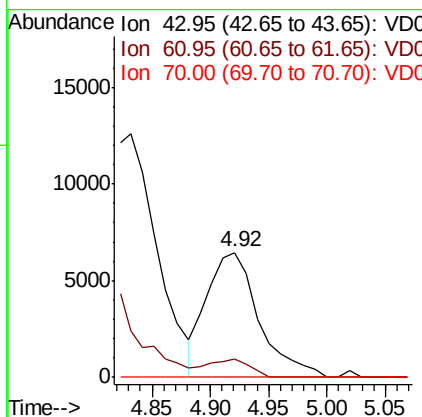
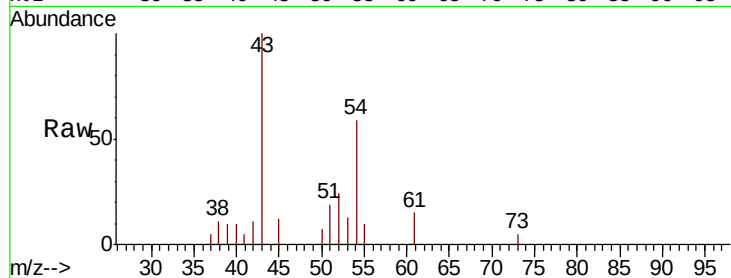




#37
Ethyl Acetate
Concen: 19.80 ug/l
RT: 4.92 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

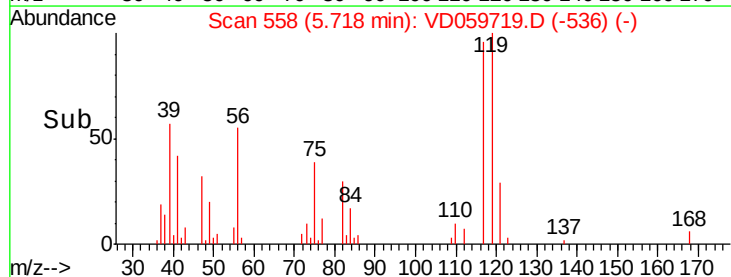
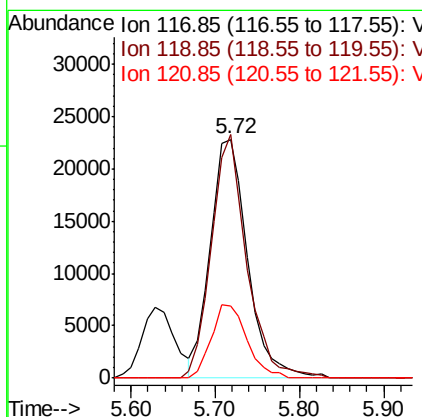
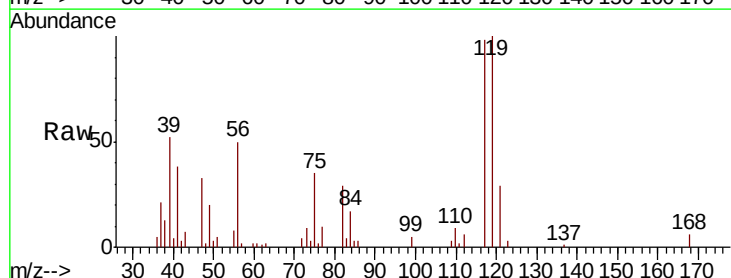
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

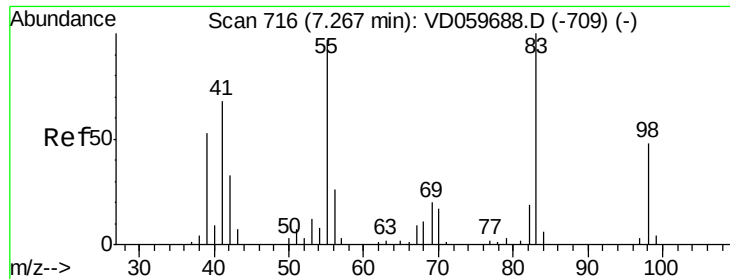
Tot Ion: 43 Resp: 20092
Ion Ratio Lower Upper
43 100
61 14.9 10.1 15.1
70 0.0 5.4 8.2#



#38
Carbon Tetrachloride
Concen: 25.11 ug/l
RT: 5.72 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 117 Resp: 70242
Ion Ratio Lower Upper
117 100
119 102.0 75.3 112.9
121 30.0 24.4 36.6

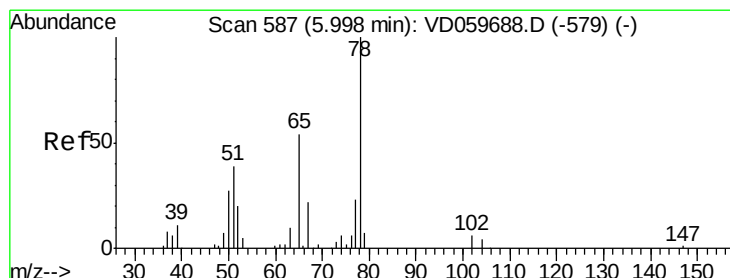
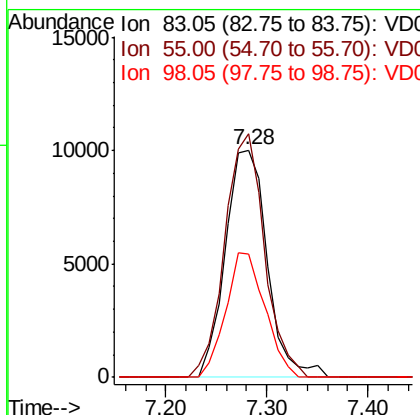
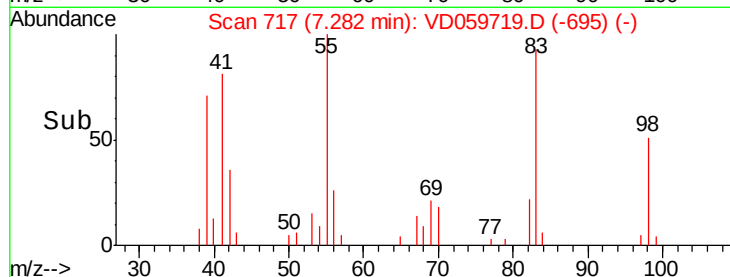
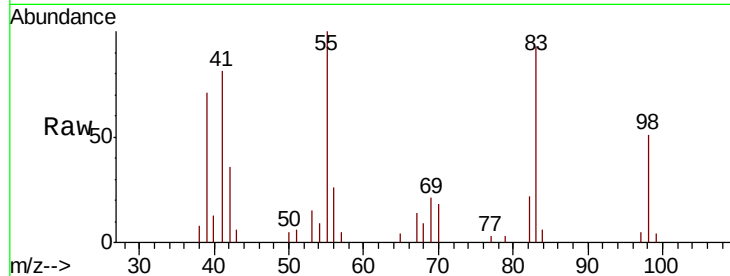




#39
Methylcyclohexane
Concen: 16.39 ug/l
RT: 7.28 min Scan# 717
Delta R.T. 0.02 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

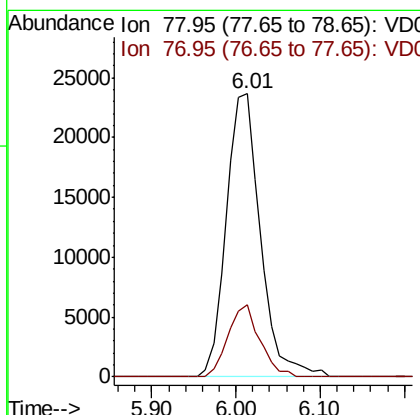
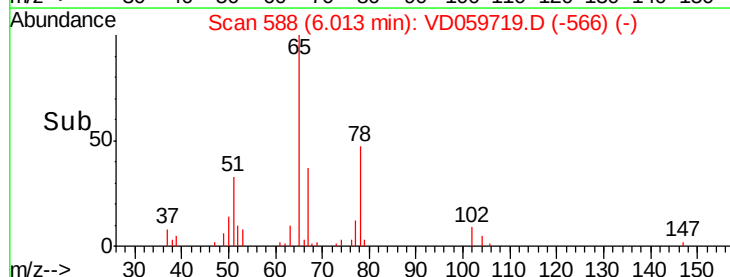
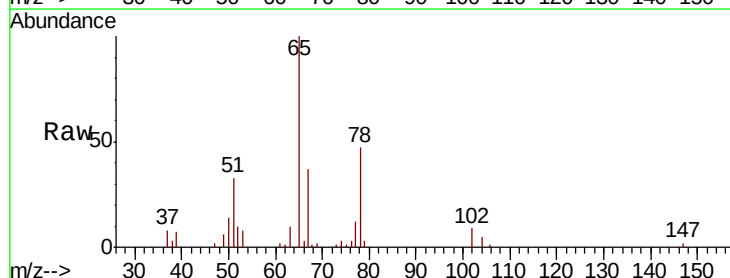
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

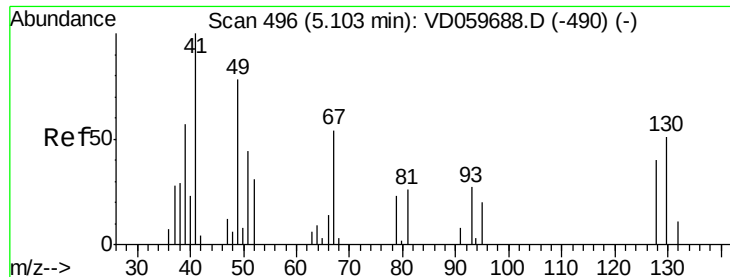
Tot Ion: 83 Resp: 28948
Ion Ratio Lower Upper
83 100
55 107.2 77.7 116.5
98 54.3 38.7 58.1



#40
Benzene
Concen: 16.42 ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 78 Resp: 66551
Ion Ratio Lower Upper
78 100
77 25.4 18.4 27.6

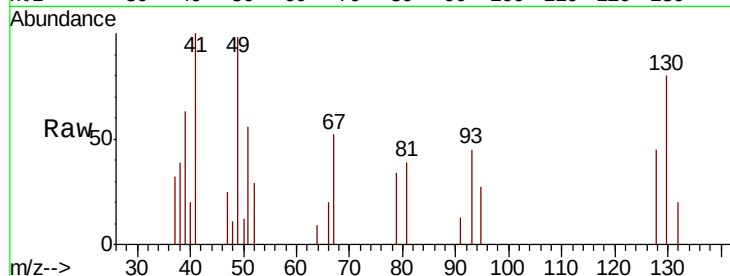




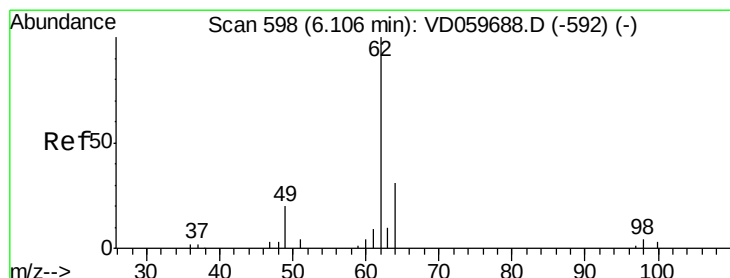
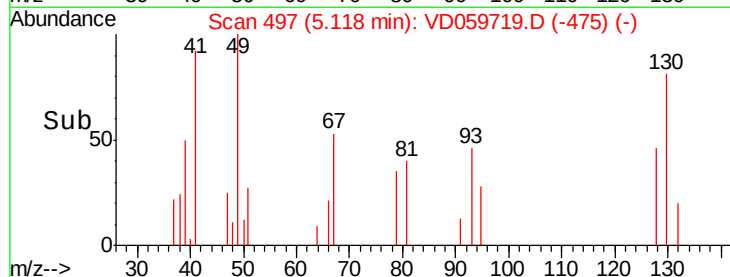
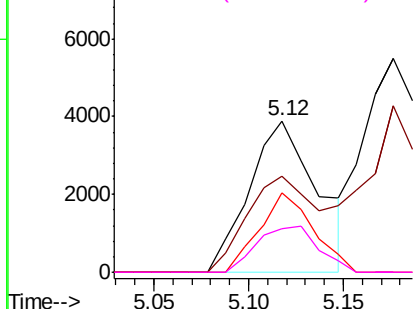
#41
Methacrylonitrile
Concen: 20.45 ug/l
RT: 5.12 min Scan# 497
Delta R.T. 0.02 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

Tot Ion: 41 Resp: 9703
Ion Ratio Lower Upper
41 100
39 63.4 45.8 68.8
67 52.0 43.4 65.2
52 29.1 24.6 37.0

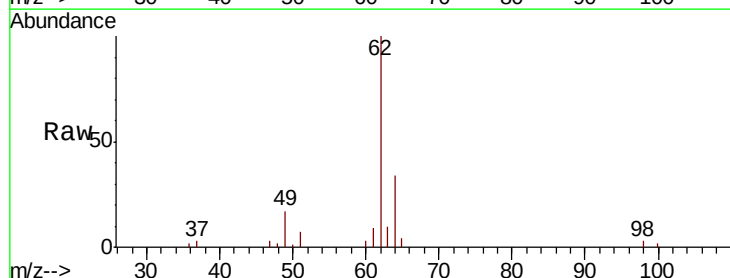


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

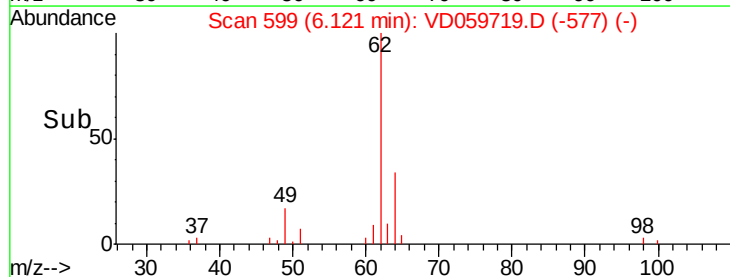
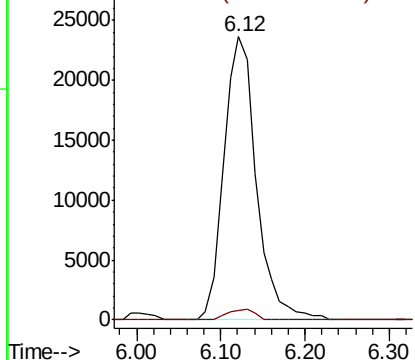


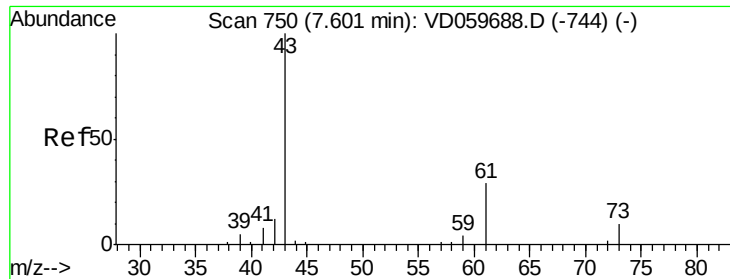
#42
1,2-Dichloroethane
Concen: 25.20 ug/l
RT: 6.12 min Scan# 599
Delta R.T. 0.02 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 62 Resp: 63148
Ion Ratio Lower Upper
62 100
98 3.2 0.0 8.8



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 18.08 ug/l

RT: 7.62 min Scan# 751

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

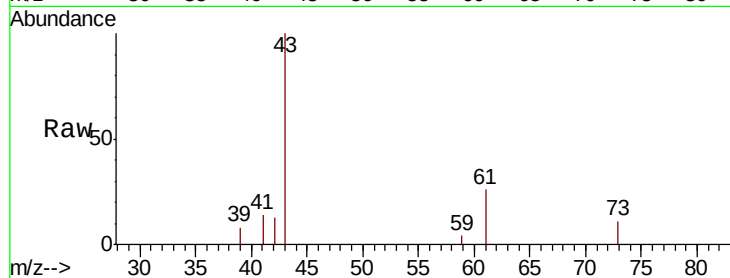
Tot Ion: 43 Resp: 23987

Ion Ratio Lower Upper

43 100

61 26.3 22.9 34.3

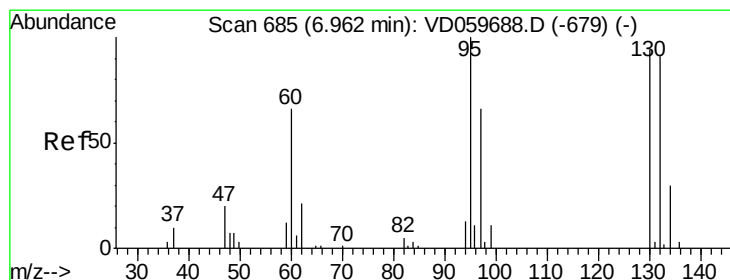
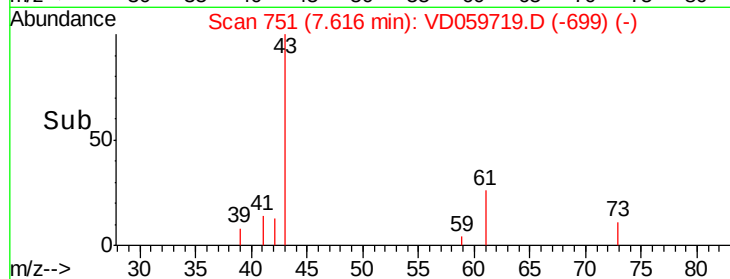
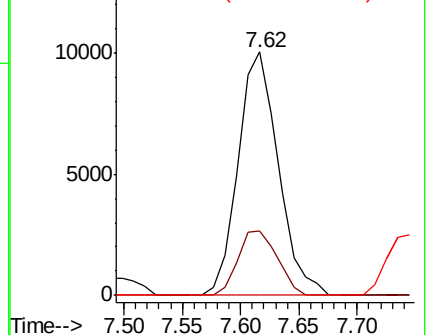
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.58 ug/l

RT: 6.98 min Scan# 686

Delta R.T. 0.01 min

Lab File: VD059719.D

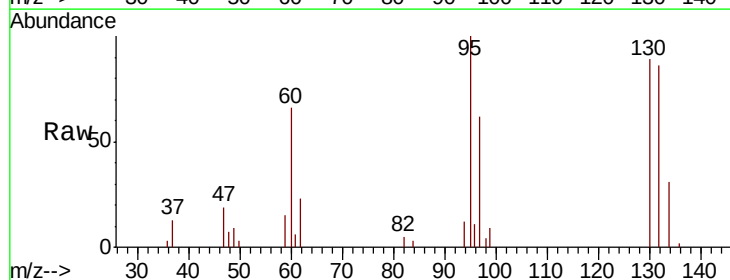
Acq: 9 Aug 2018 16:55

Tgt Ion:130 Resp: 29005

Ion Ratio Lower Upper

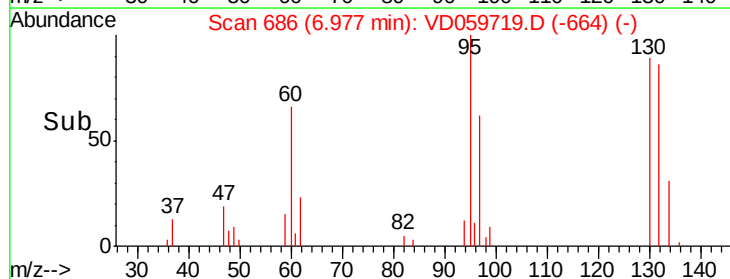
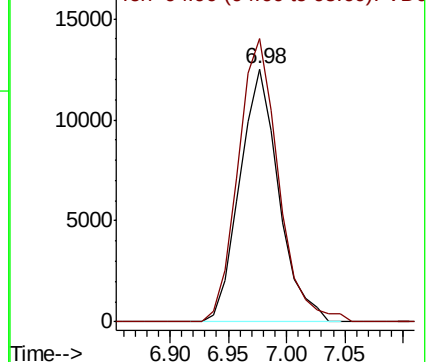
130 100

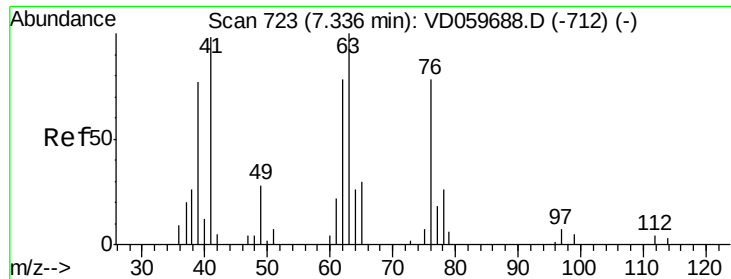
95 111.9 0.0 212.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

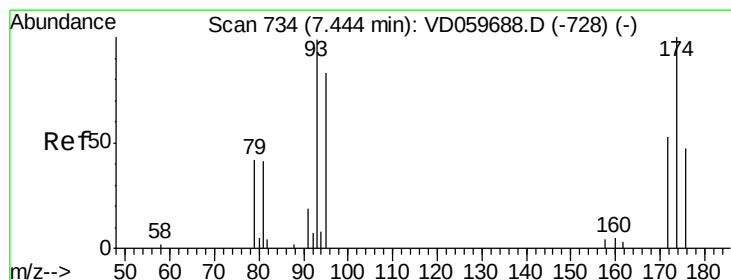
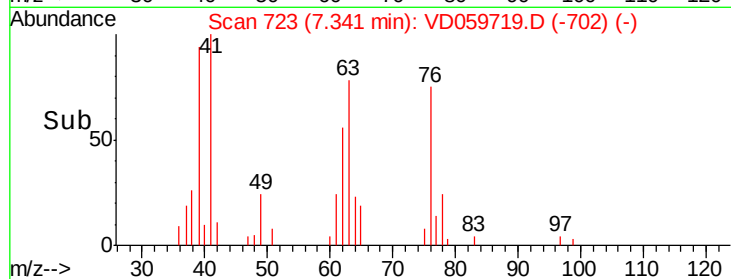
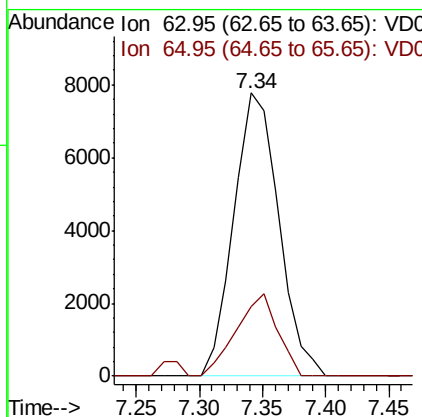
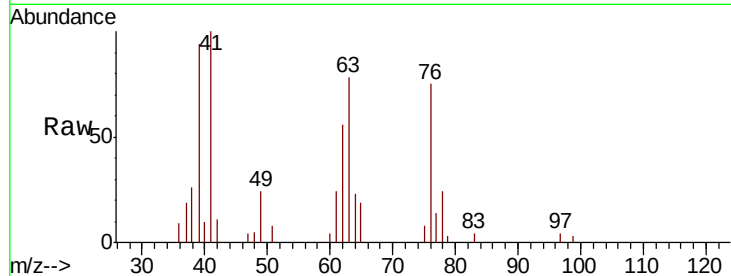




#45
 1,2-Dichloropropane
 Concen: 17.99 ug/l
 RT: 7.34 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

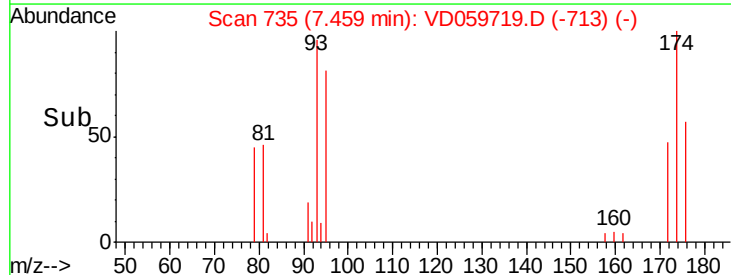
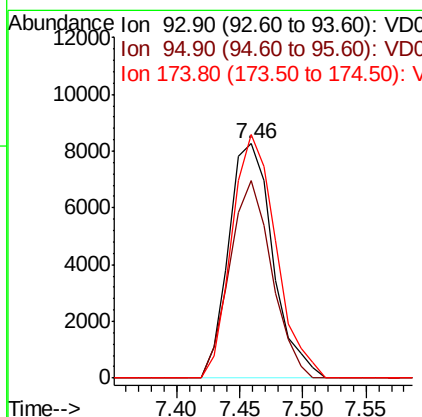
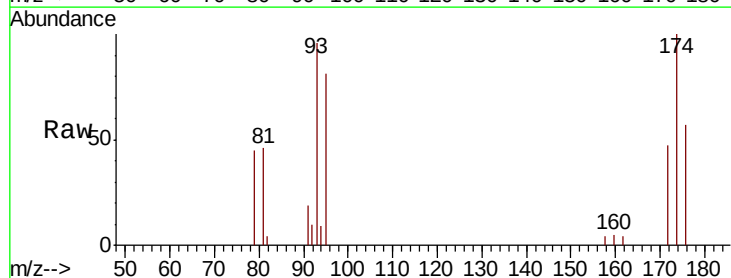
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

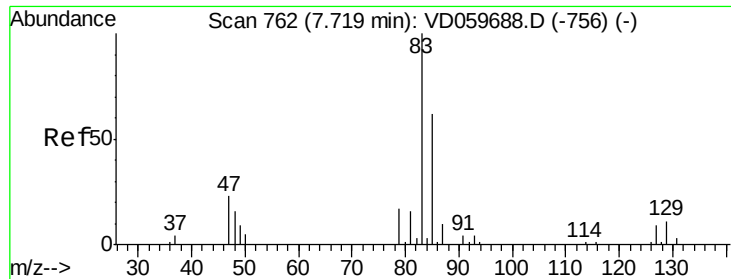
Tot Ion: 63 Resp: 19262
 Ion Ratio Lower Upper
 63 100
 65 24.7 24.2 36.4



#46
 Dibromomethane
 Concen: 21.64 ug/l
 RT: 7.46 min Scan# 735
 Delta R.T. 0.02 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Tgt Ion: 93 Resp: 20072
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.6 100.0
 174 104.0 80.6 120.8





#47

Bromodichloromethane

Concen: 22.21 ug/l

RT: 7.74 min Scan# 764

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

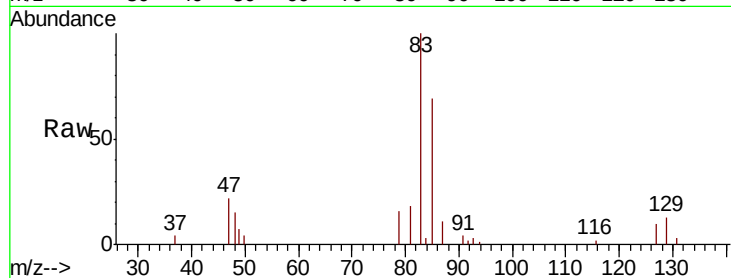
Tot Ion: 83 Resp: 52487

Ion Ratio Lower Upper

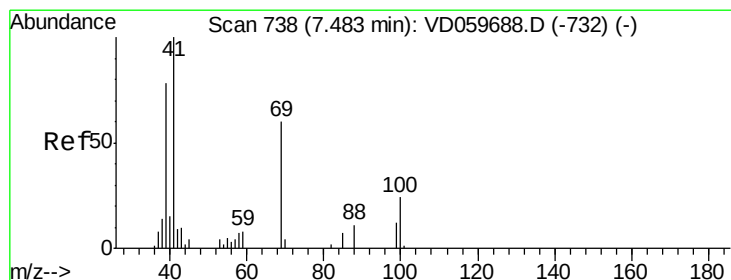
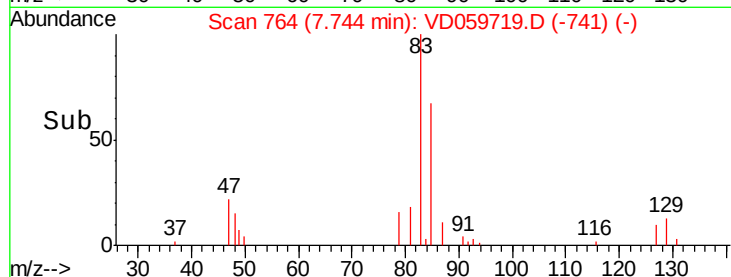
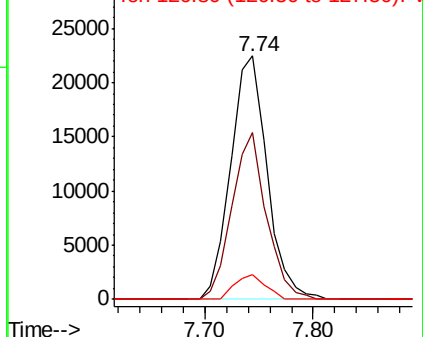
83 100

85 68.7 49.8 74.8

127 9.9 7.3 10.9



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



#48

Methyl methacrylate

Concen: 21.37 ug/l

RT: 7.51 min Scan# 740

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

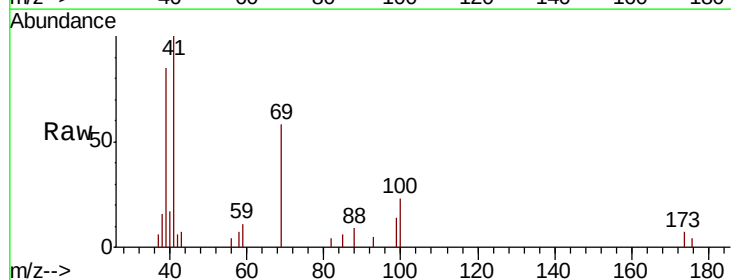
Tgt Ion: 41 Resp: 18710

Ion Ratio Lower Upper

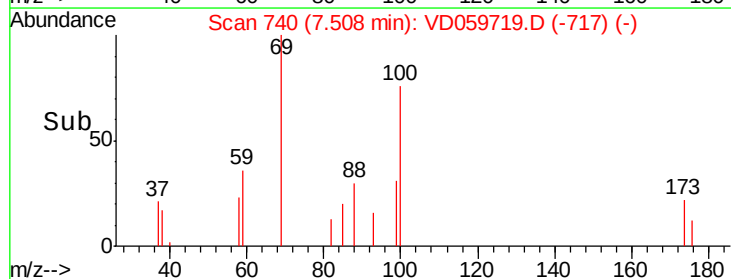
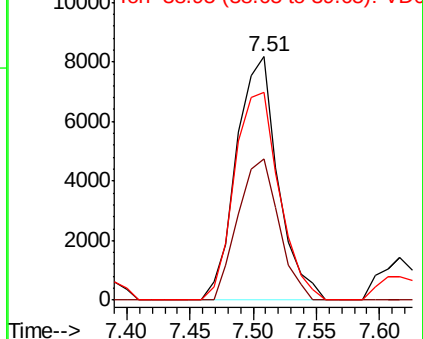
41 100

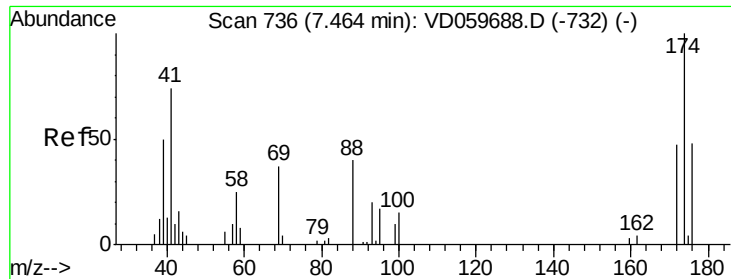
69 57.8 47.3 70.9

39 85.5 62.9 94.3



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





#49

1,4-Dioxane

Concen: 375.83 ug/l

RT: 7.50 min Scan# 739

Delta R.T. 0.04 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

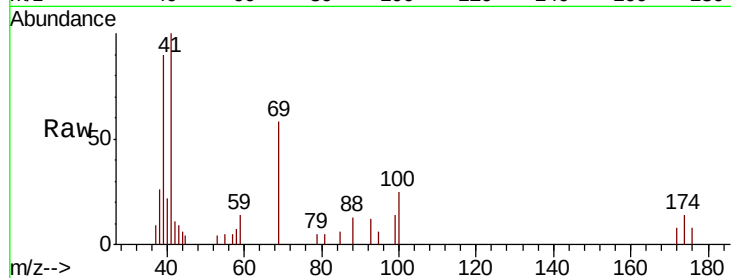
Tot Ion: 88 Resp: 2663

Ion Ratio Lower Upper

88 100

43 74.1 32.2 48.2#

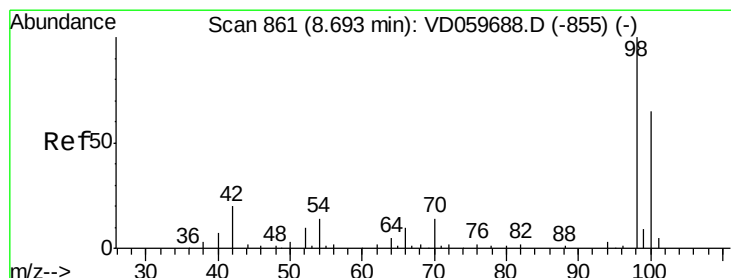
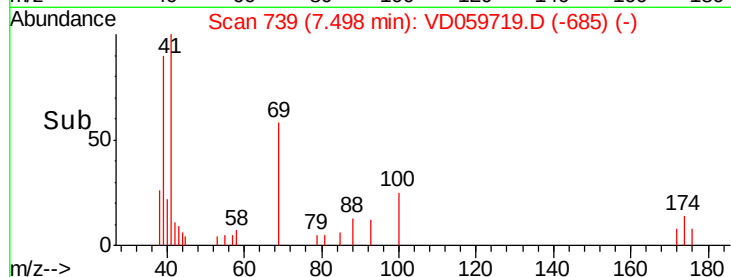
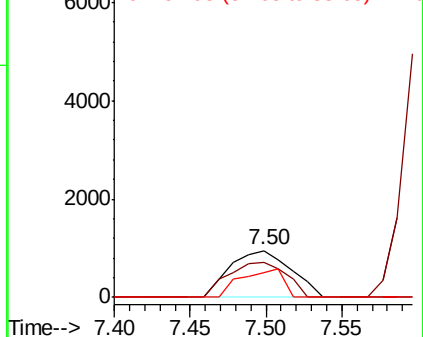
58 52.3 51.5 77.3



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: 375.83 ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.02 min

Lab File: VD059719.D

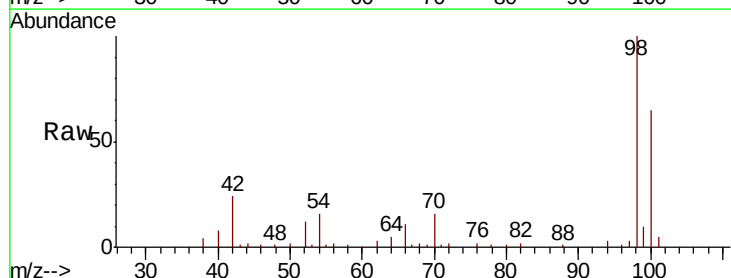
Acq: 9 Aug 2018 16:55

Tgt Ion: 98 Resp: 189647

Ion Ratio Lower Upper

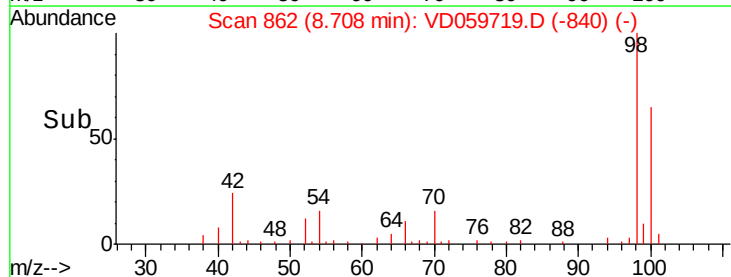
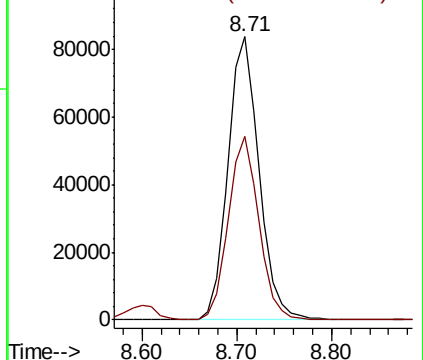
98 100

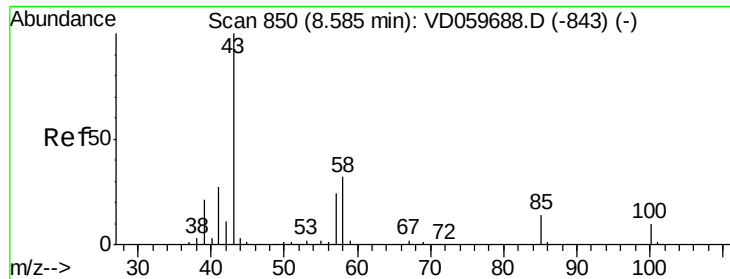
100 64.9 52.5 78.7



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 92.07 ug/l

RT: 8.60 min Scan# 851

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

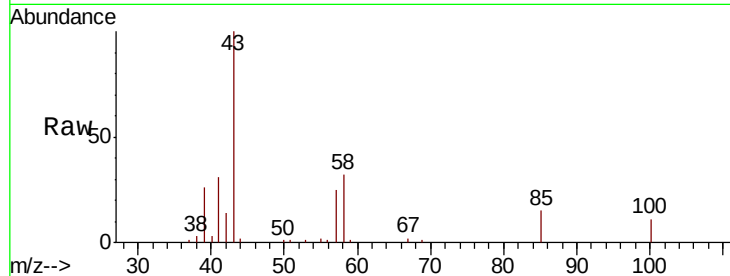
VD0809SBS01

Tot Ion: 43 Resp: 89075

Ion Ratio Lower Upper

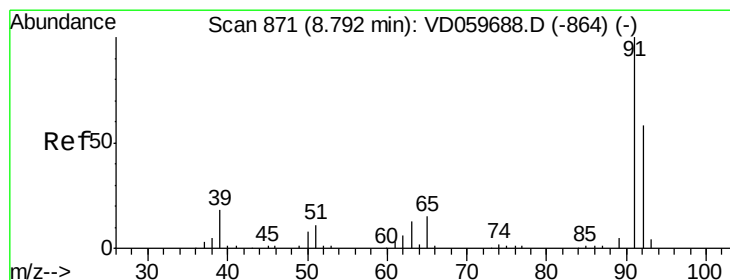
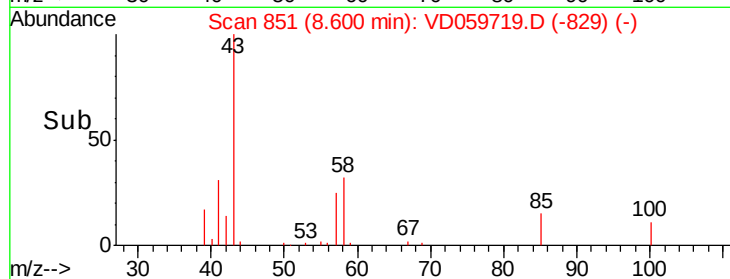
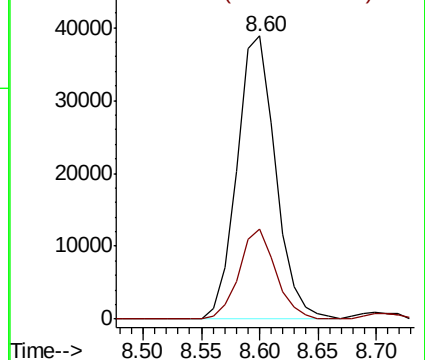
43 100

58 31.7 25.7 38.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 18.33 ug/l

RT: 8.80 min Scan# 871

Delta R.T. 0.01 min

Lab File: VD059719.D

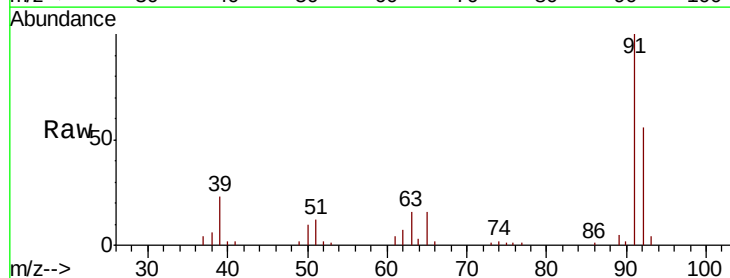
Acq: 9 Aug 2018 16:55

Tgt Ion: 92 Resp: 47415

Ion Ratio Lower Upper

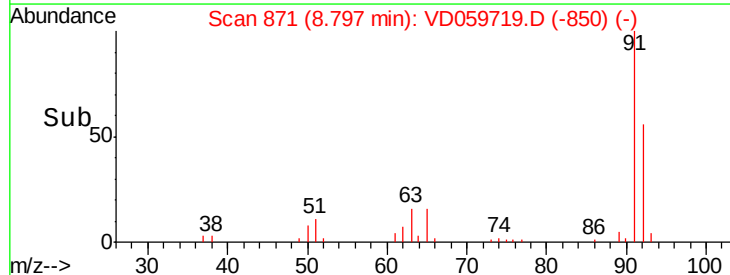
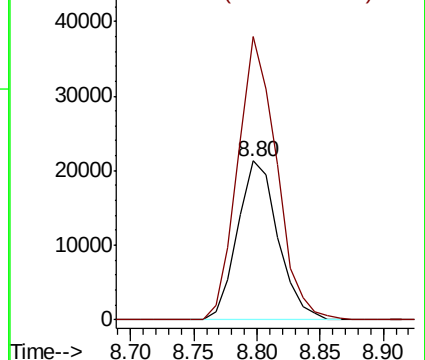
92 100

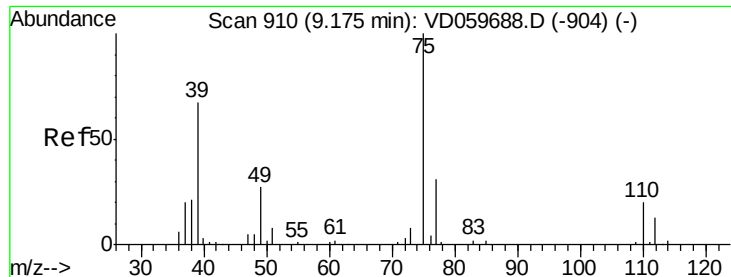
91 177.9 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

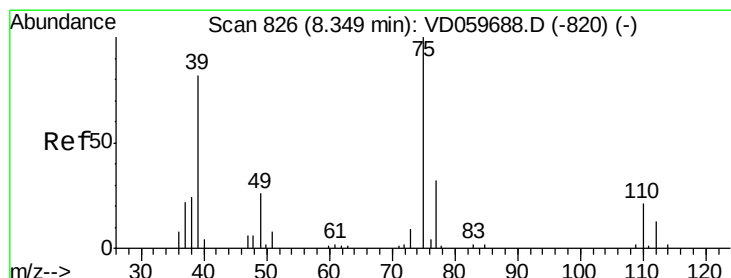
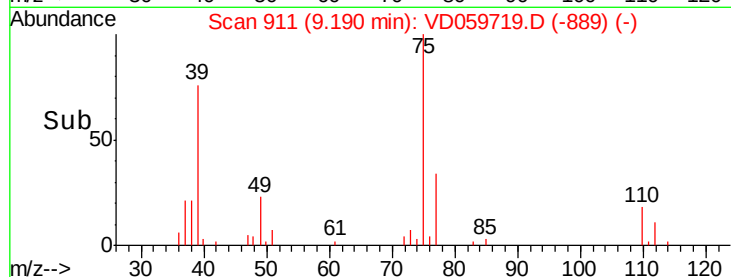
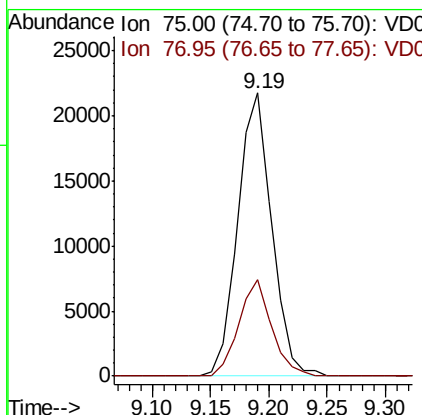
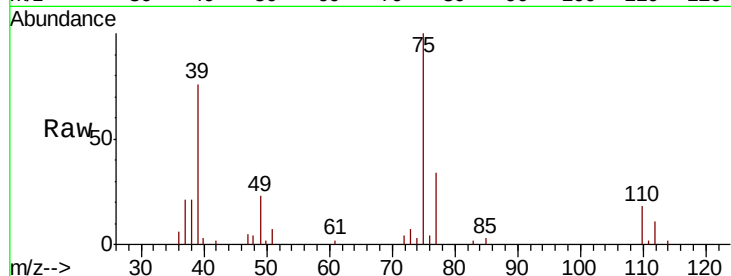




#53
 t-1,3-Dichloropropene
 Concen: 21.89 ug/l
 RT: 9.19 min Scan# 911
 Delta R.T. 0.02 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

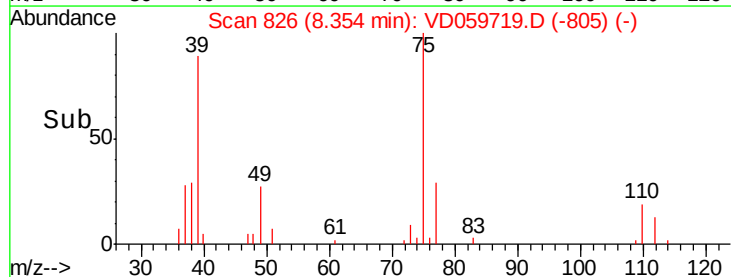
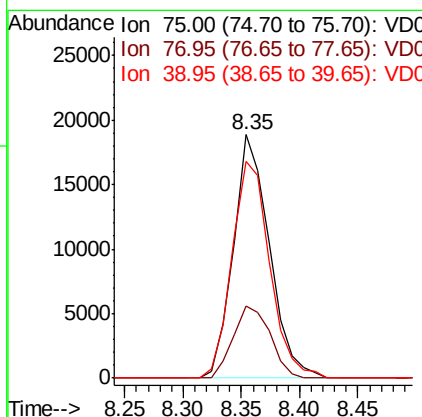
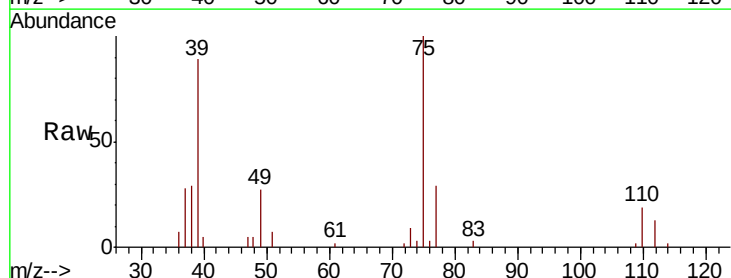
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

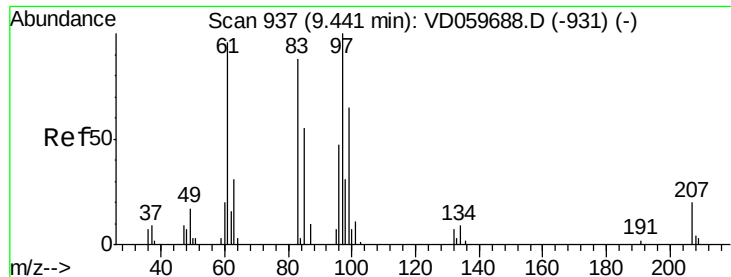
Tot Ion: 75 Resp: 43760
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.53 ug/l
 RT: 8.35 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Tgt Ion: 75 Resp: 40211
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.5 38.3
 39 89.2 65.4 98.2





#55

1,1,2-Trichloroethane

Concen: 18.87 ug/l

RT: 9.46 min Scan# 938

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

Tot Ion: 97 Resp: 18742

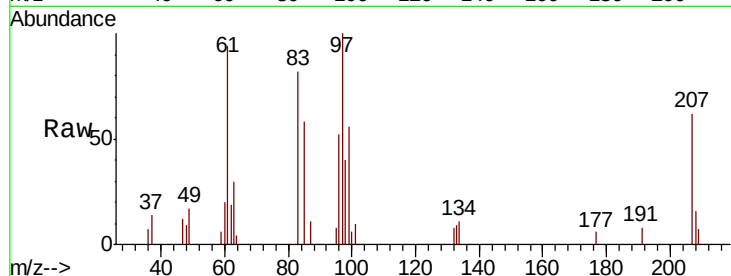
Ion Ratio Lower Upper

97 100

83 81.9 70.8 106.2

85 58.1 44.1 66.1

99 55.5 52.2 78.4

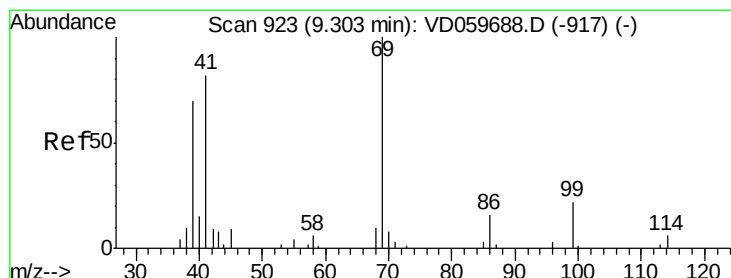
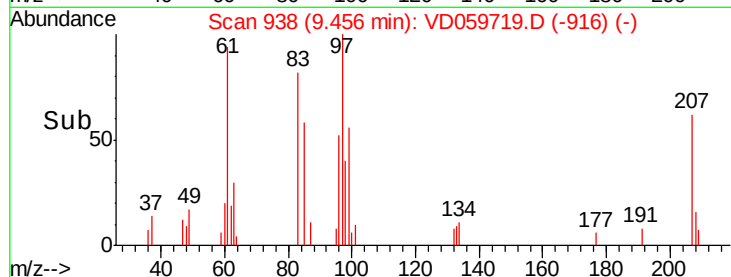
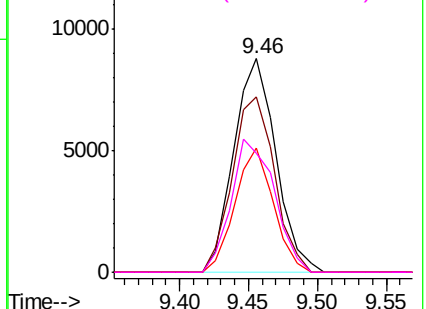


Abundance Ion 96.85 (96.55 to 97.55): VDC

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



#56

Ethyl methacrylate

Concen: 21.76 ug/l

RT: 9.31 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

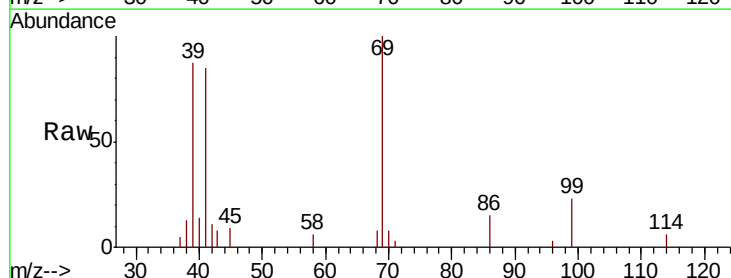
Tgt Ion: 69 Resp: 23853

Ion Ratio Lower Upper

69 100

41 85.3 65.7 98.5

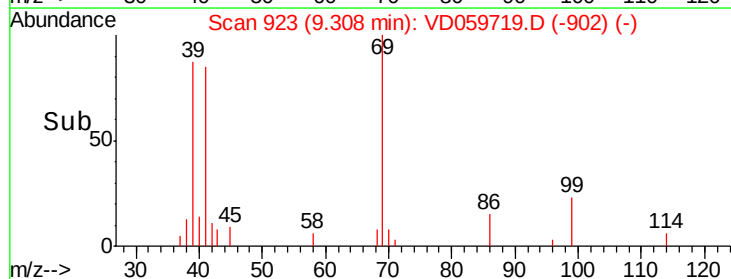
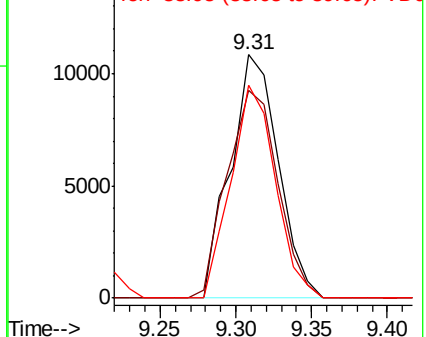
39 87.3 55.8 83.8#

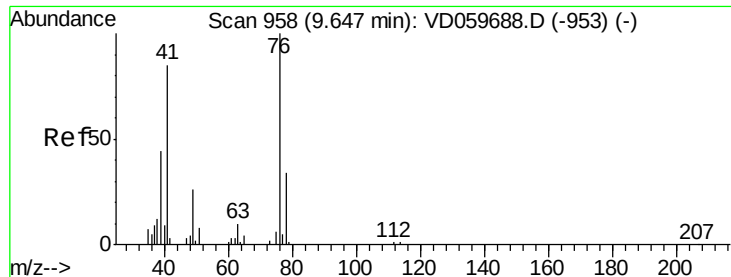


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 20.42 ug/l

RT: 9.66 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

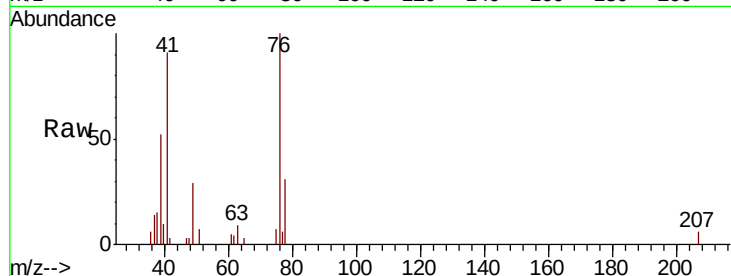
VD0809SBS01

Tot Ion: 76 Resp: 31479

Ion Ratio Lower Upper

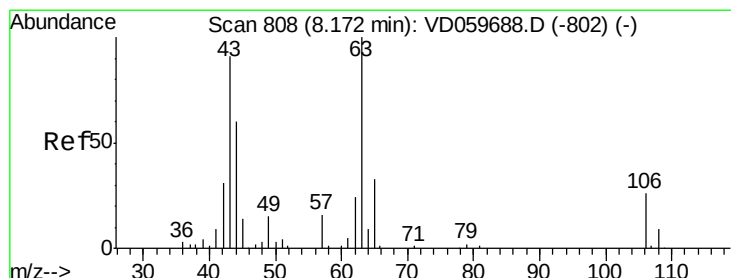
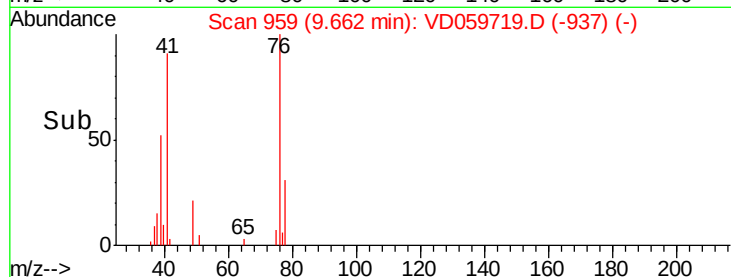
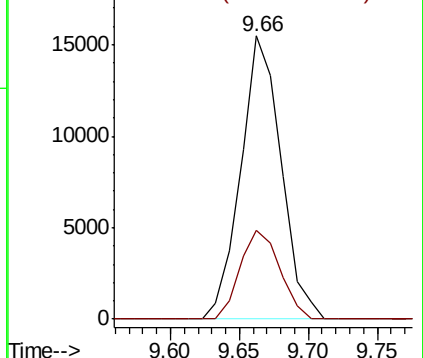
76 100

78 31.3 27.5 41.3



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 110.15 ug/l

RT: 8.19 min Scan# 809

Delta R.T. 0.01 min

Lab File: VD059719.D

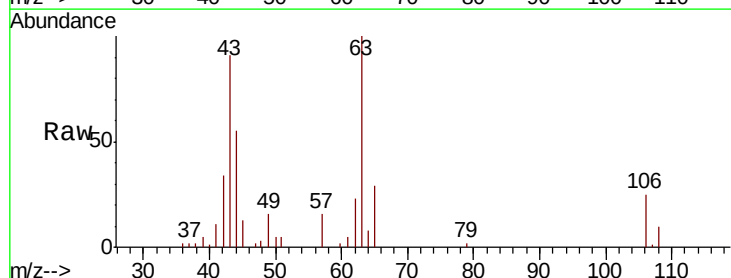
Acq: 9 Aug 2018 16:55

Tgt Ion: 63 Resp: 57510

Ion Ratio Lower Upper

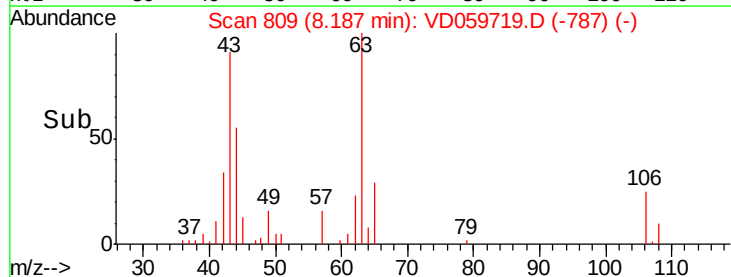
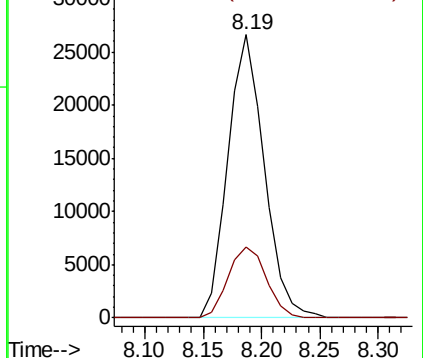
63 100

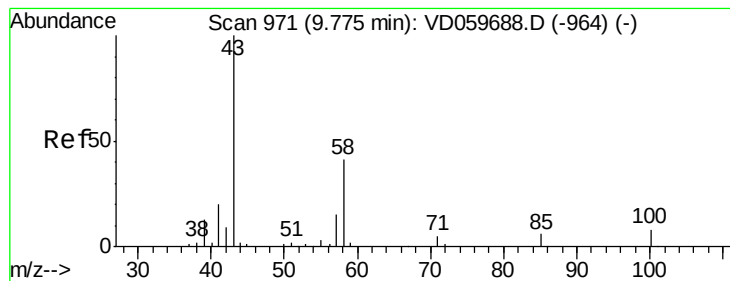
106 24.8 20.7 31.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC





#59

2-Hexanone

Concen: 91.11 ug/l

RT: 9.79 min Scan# 972

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

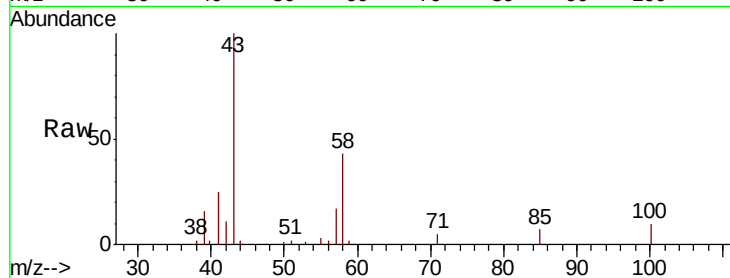
VD0809SBS01

Tot Ion: 43 Resp: 66191

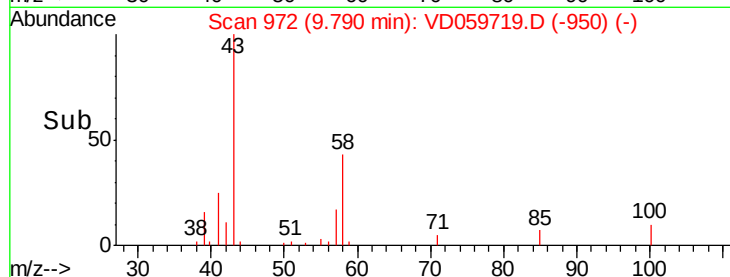
Ion Ratio Lower Upper

43 100

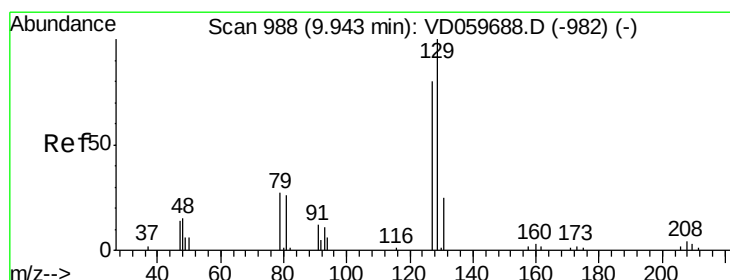
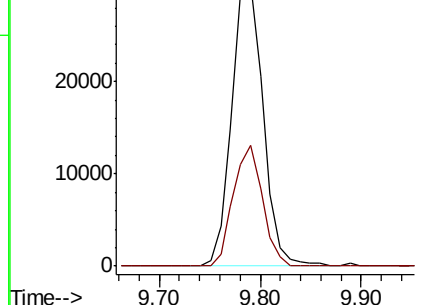
58 42.6 20.4 61.3



Abundance Ion 42.95 (42.65 to 43.65): VD059719.D (-950) (-)



Ion 57.95 (57.65 to 58.65): VD059719.D (-950) (-)



#60

Dibromochloromethane

Concen: 23.15 ug/l

RT: 9.96 min Scan# 989

Delta R.T. 0.02 min

Lab File: VD059719.D

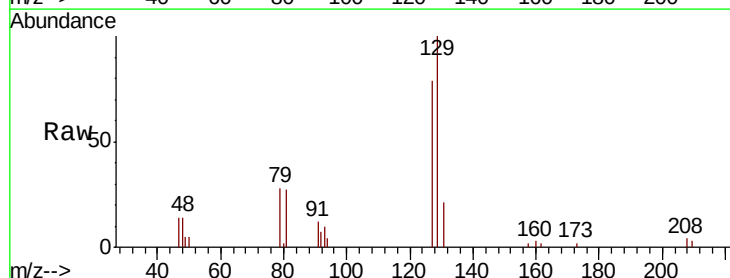
Acq: 9 Aug 2018 16:55

Tgt Ion: 129 Resp: 36540

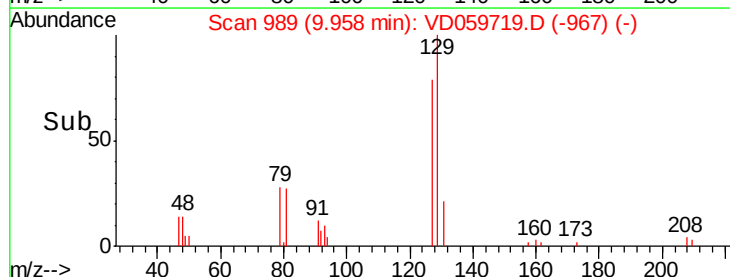
Ion Ratio Lower Upper

129 100

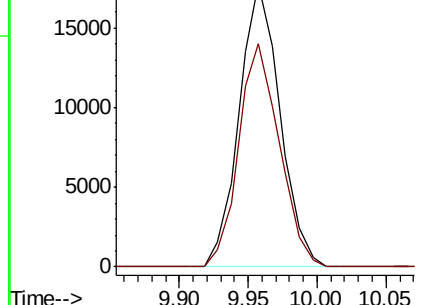
127 78.9 40.0 119.9

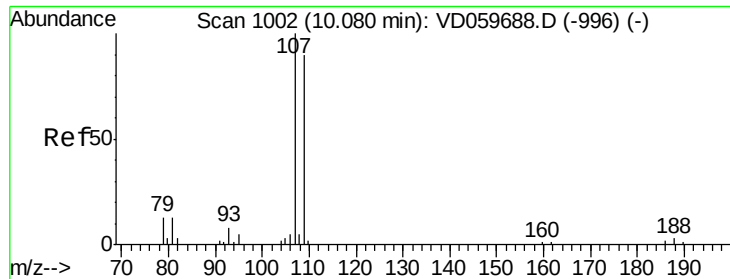


Abundance Ion 128.80 (128.50 to 129.50): VD059719.D (-967) (-)



Ion 126.80 (126.50 to 127.50): VD059719.D (-967) (-)





#61

1,2-Dibromoethane

Concen: 21.78 ug/l

RT: 10.10 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

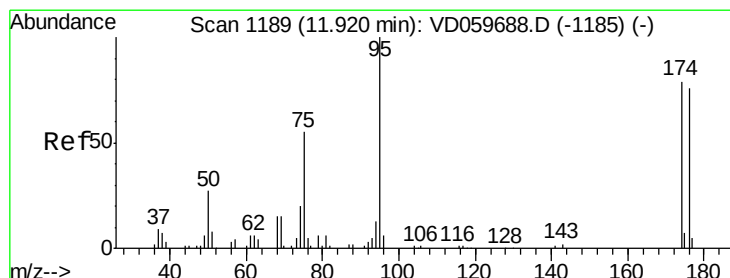
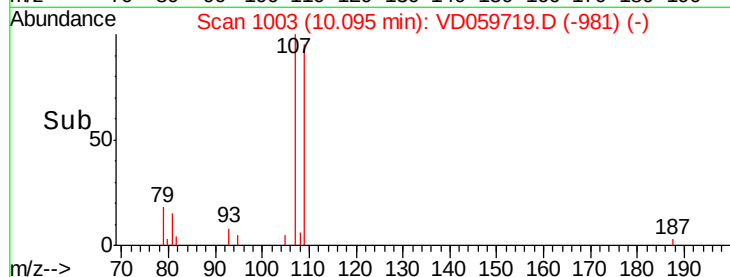
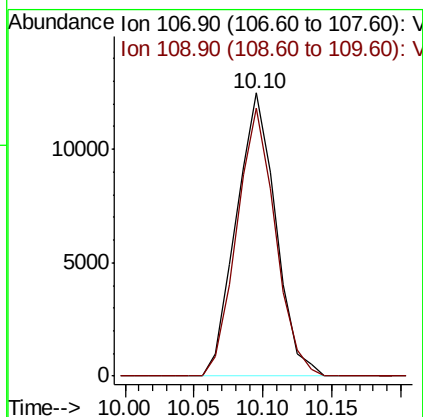
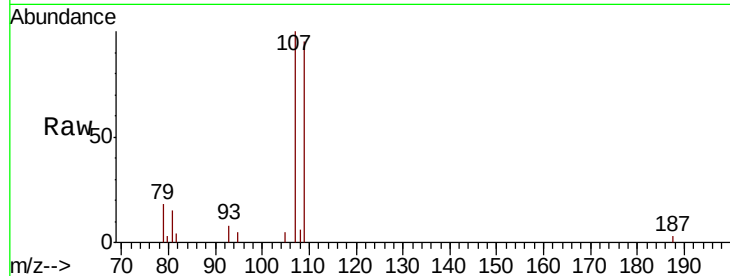
VD0809SBS01

Tot Ion:107 Resp: 24879

Ion Ratio Lower Upper

107 100

109 94.6 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 21.78 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

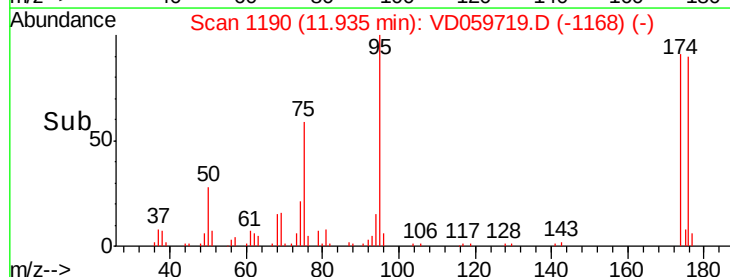
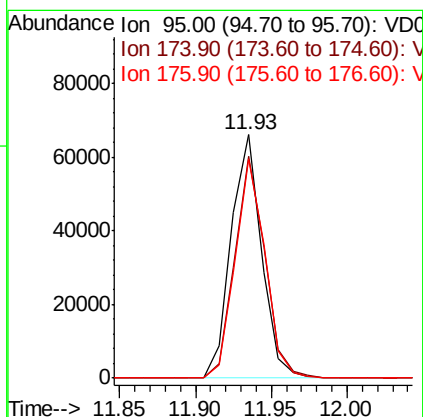
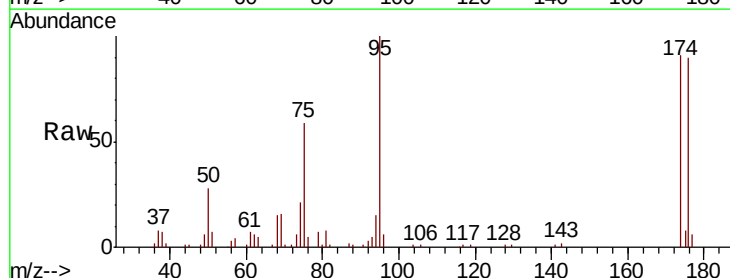
Tgt Ion: 95 Resp: 92086

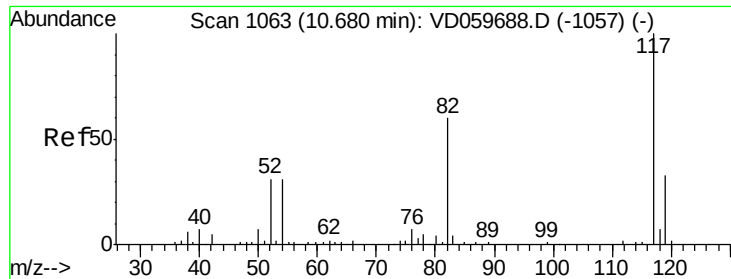
Ion Ratio Lower Upper

95 100

174 90.9 0.0 158.4

176 89.9 0.0 153.0

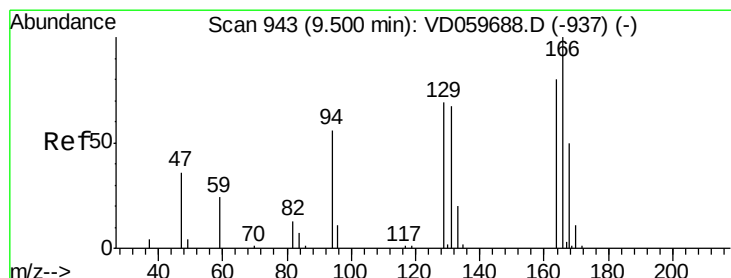
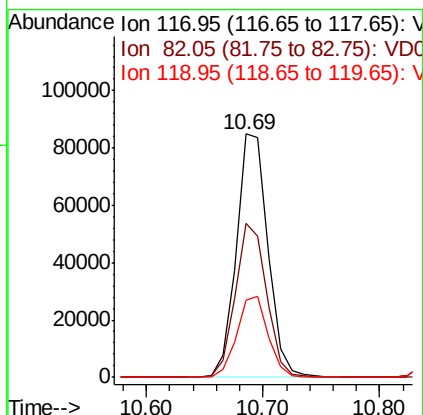
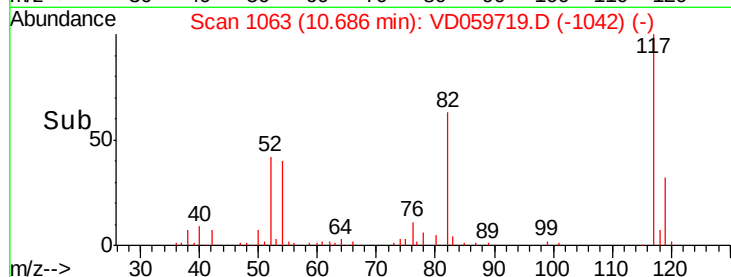
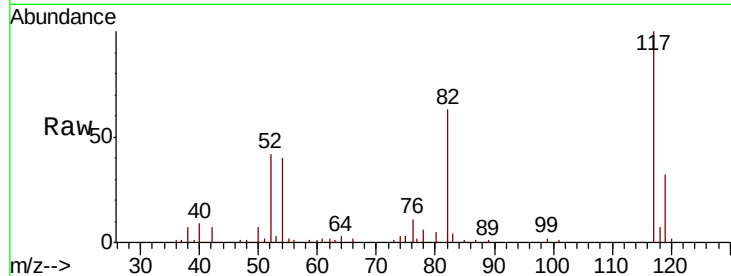




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

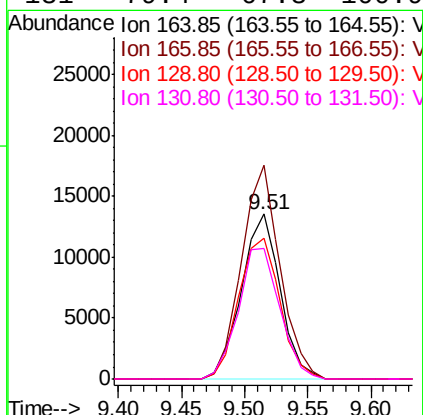
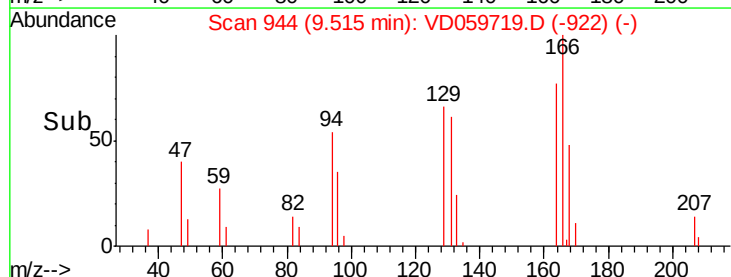
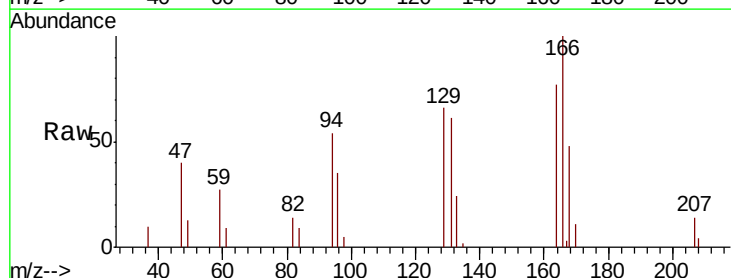
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

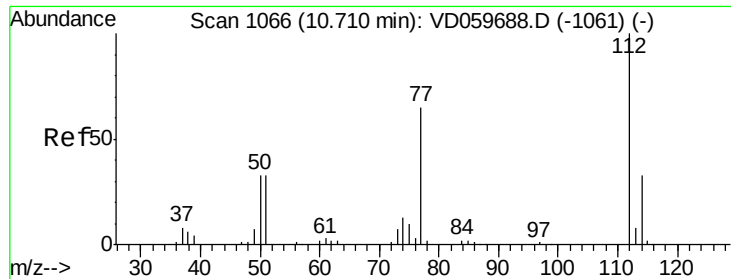
Tot Ion:117 Resp: 158978
Ion Ratio Lower Upper
117 100
82 63.1 47.7 71.5
119 31.8 26.6 40.0



#64
Tetrachloroethene
Concen: 19.18 ug/l
RT: 9.51 min Scan# 944
Delta R.T. 0.02 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion:164 Resp: 28866
Ion Ratio Lower Upper
164 100
166 129.4 100.5 150.7
129 85.1 69.3 103.9
131 79.4 67.3 100.9

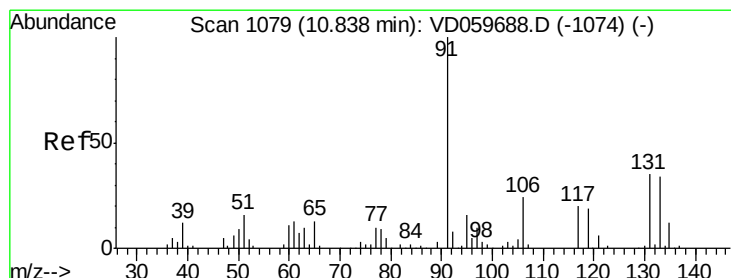
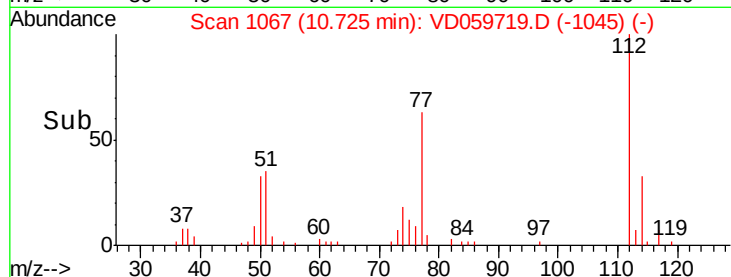
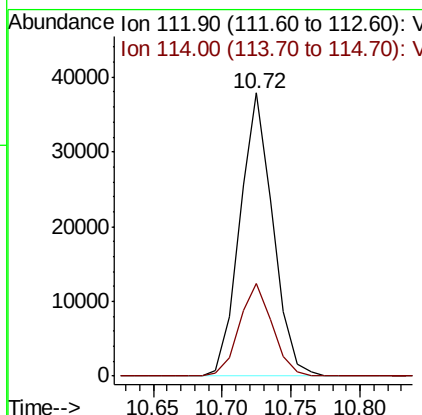
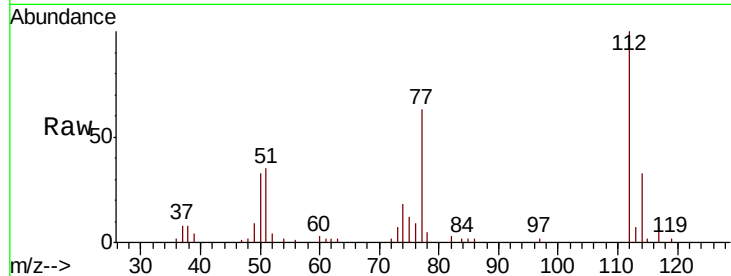




#65
Chlorobenzene
Concen: 18.76 ug/l
RT: 10.72 min Scan# 1067
Delta R.T. 0.02 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

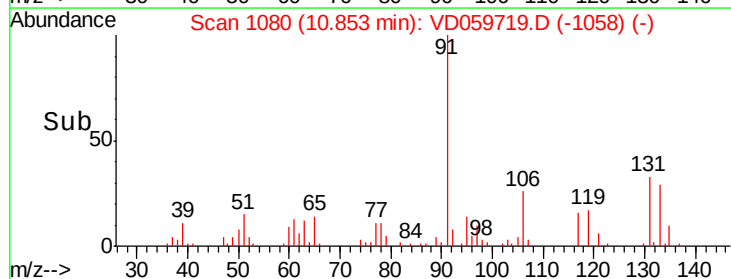
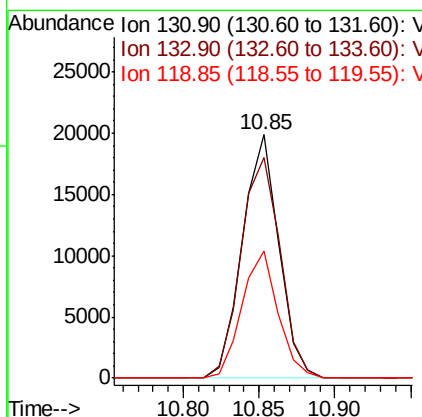
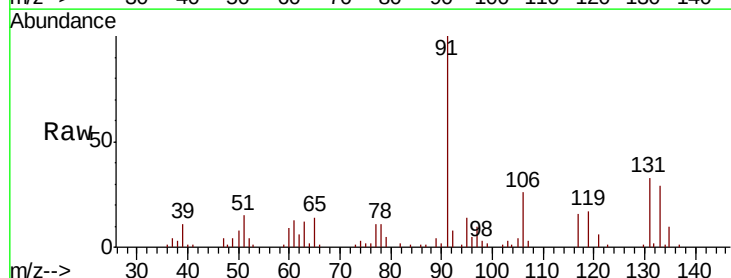
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

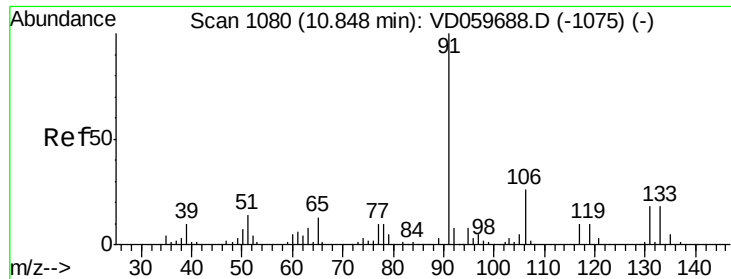
Tot Ion:112 Resp: 62839
Ion Ratio Lower Upper
112 100
114 32.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.68 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion:131 Resp: 33308
Ion Ratio Lower Upper
131 100
133 90.6 49.7 149.1
119 52.4 27.0 80.8

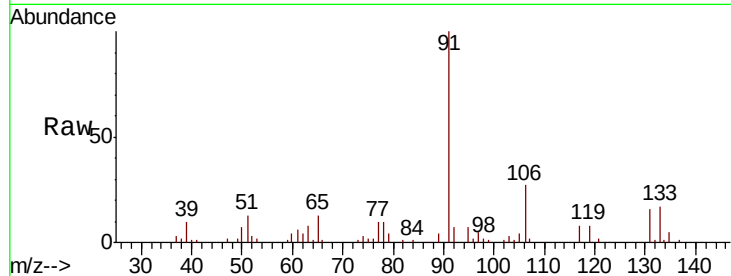




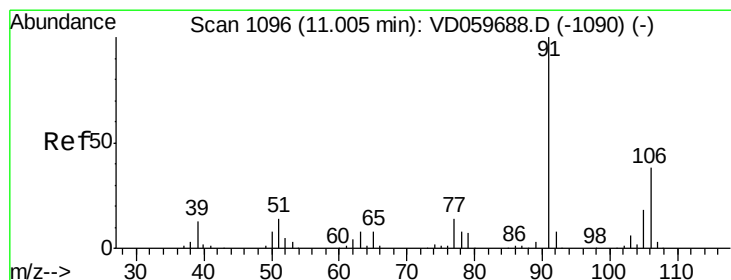
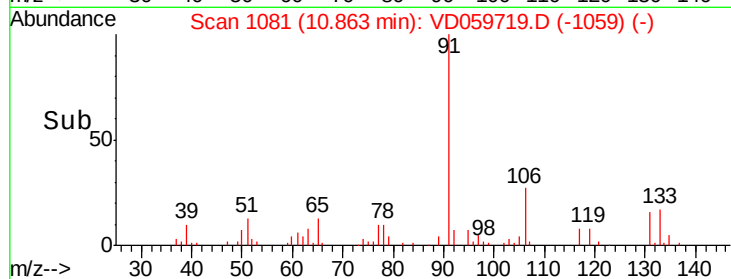
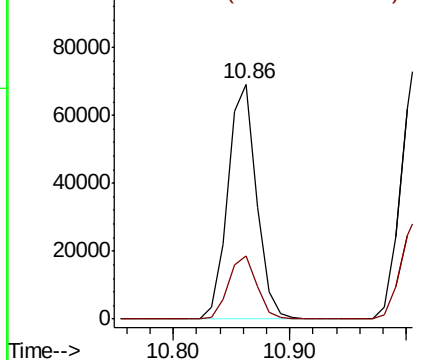
#67
Ethyl Benzene
Concen: 19.54 ug/l
RT: 10.86 min Scan# 1081
Delta R.T. 0.02 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

Tot Ion: 91 Resp: 117870
Ion Ratio Lower Upper
91 100
106 26.7 20.9 31.3

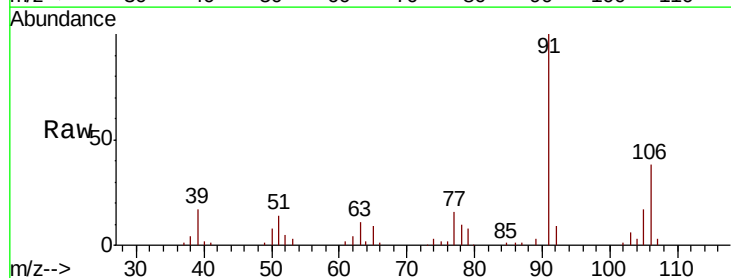


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

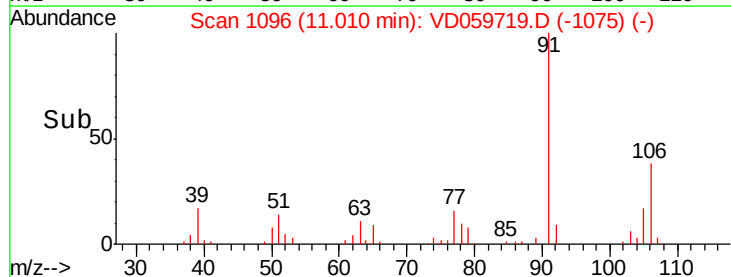
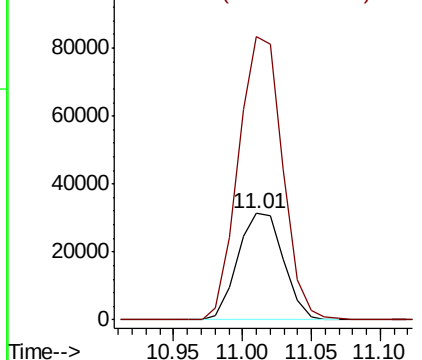


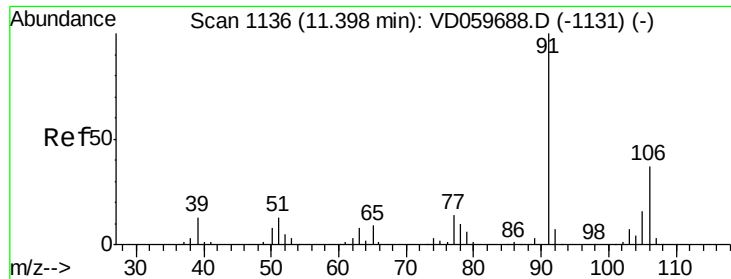
#68
m/p-Xylenes
Concen: 37.24 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion:106 Resp: 71886
Ion Ratio Lower Upper
106 100
91 266.5 209.7 314.5



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

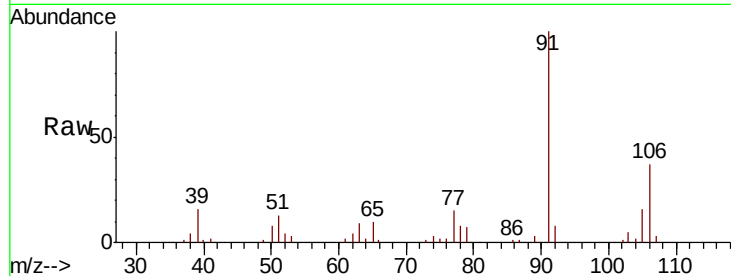




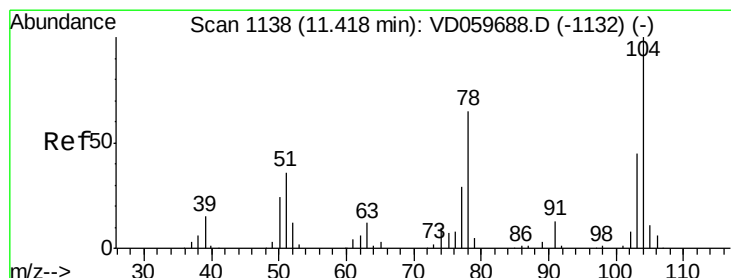
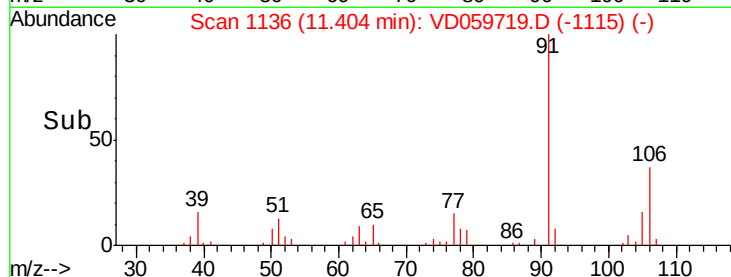
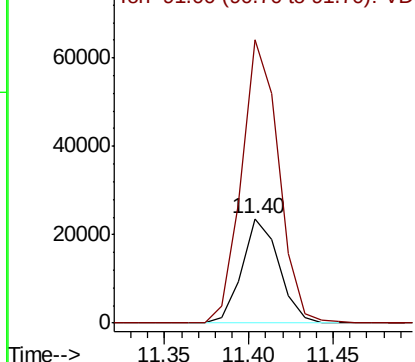
#69
o-Xylene
Concen: 19.13 ug/l
RT: 11.40 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

Tot Ion:106 Resp: 35891
Ion Ratio Lower Upper
106 100
91 270.0 135.2 405.6

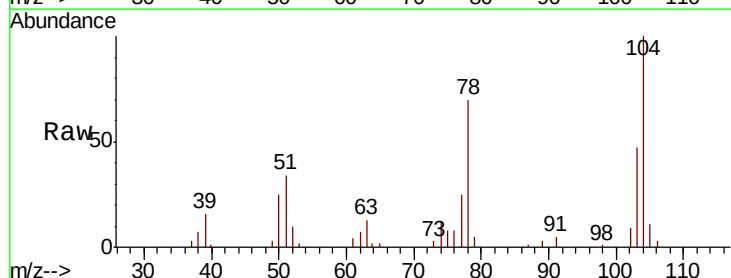


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

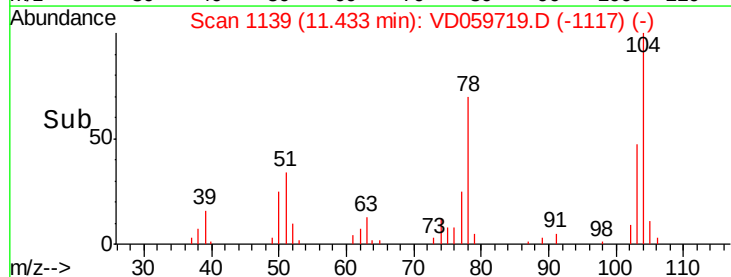
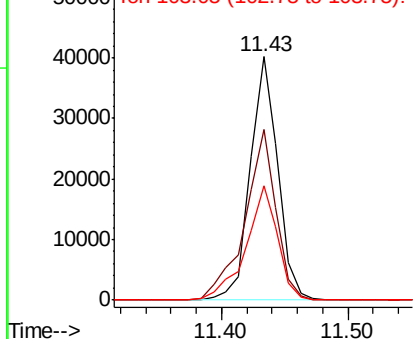


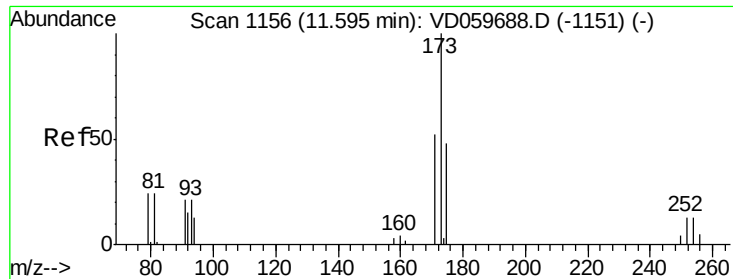
#70
Styrene
Concen: 19.28 ug/l
RT: 11.43 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion:104 Resp: 60711
Ion Ratio Lower Upper
104 100
78 69.8 51.9 77.9
103 46.8 36.2 54.4



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 22.30 ug/l

RT: 11.60 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

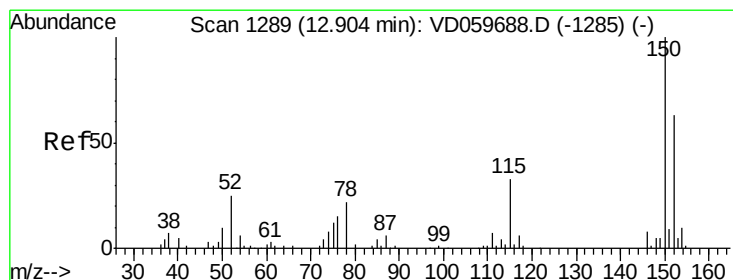
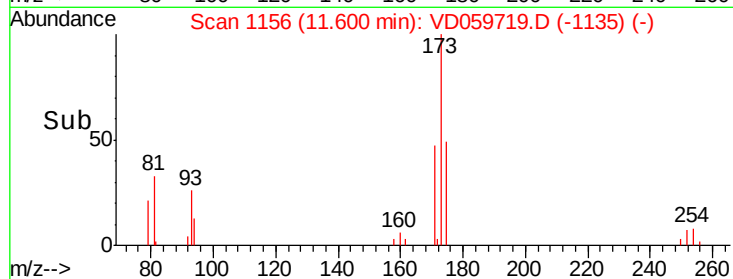
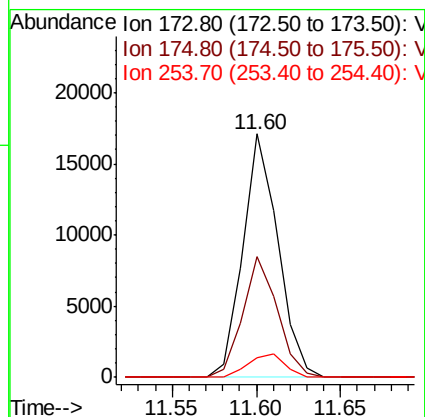
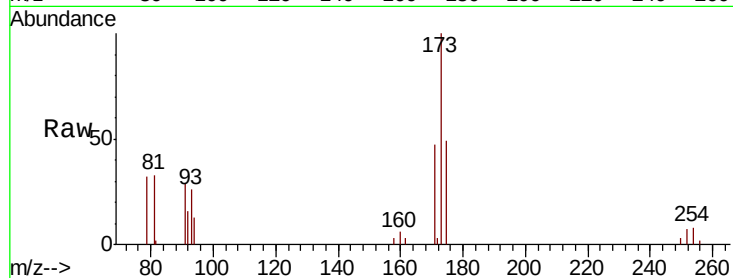
Tot Ion:173 Resp: 24681

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

254 8.0 10.6 16.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

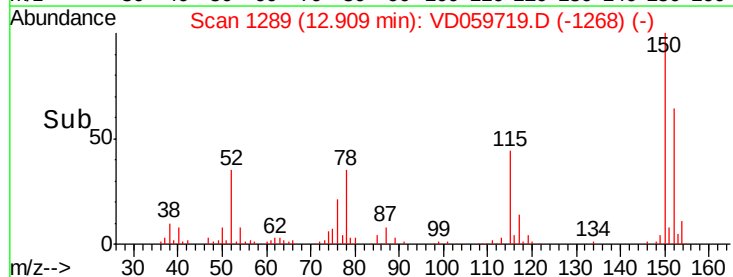
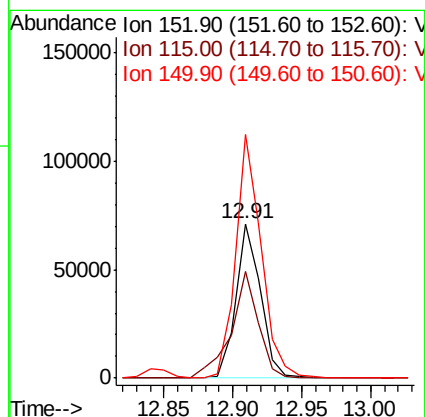
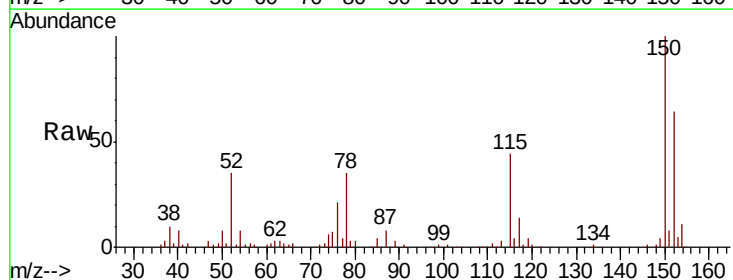
Tgt Ion:152 Resp: 88905

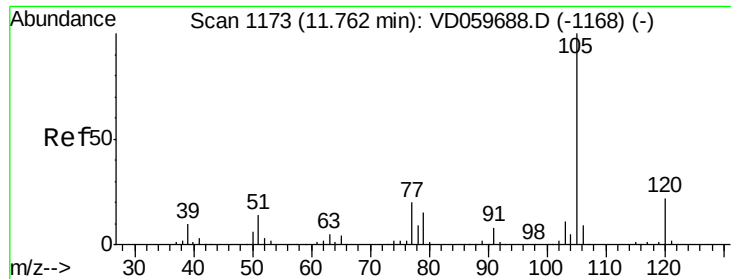
Ion Ratio Lower Upper

152 100

115 68.6 28.8 86.4

150 157.5 0.0 318.0





#73

Isopropylbenzene

Concen: 20.74 ug/l

RT: 11.78 min Scan# 1174

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

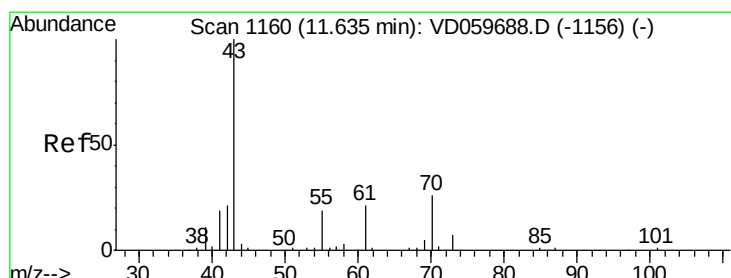
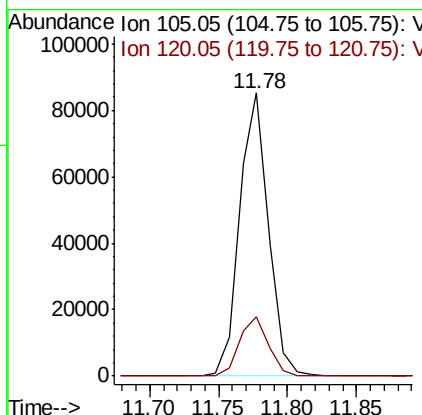
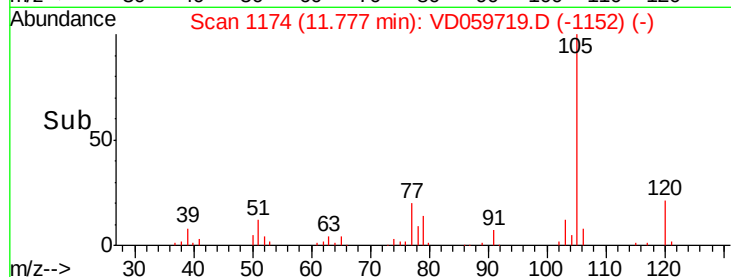
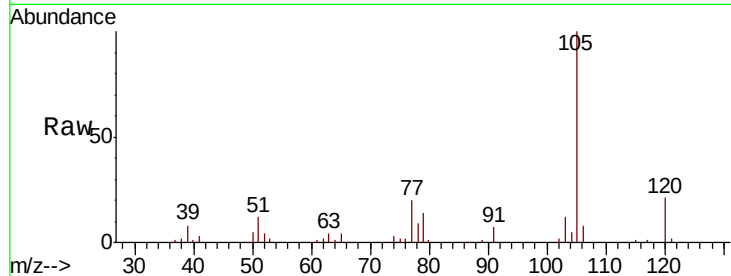
VD0809SBS01

Tot Ion:105 Resp: 123914

Ion Ratio Lower Upper

105 100

120 21.1 10.8 32.3



#74

N-ethyl acetate

Concen: 19.49 ug/l

RT: 11.65 min Scan# 1161

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Tgt Ion: 43 Resp: 37262

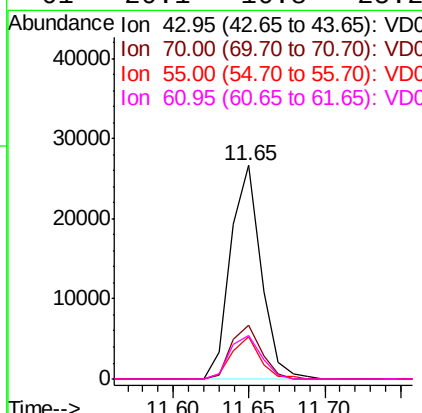
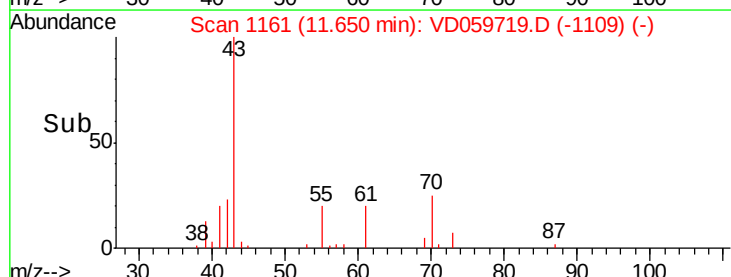
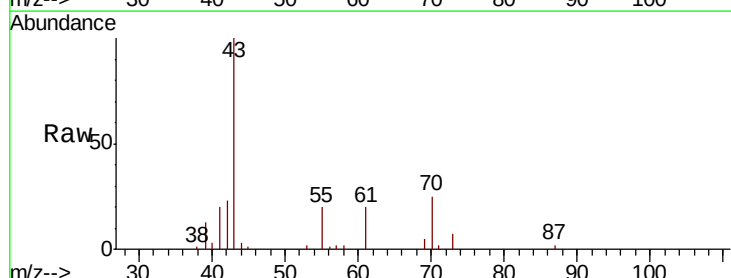
Ion Ratio Lower Upper

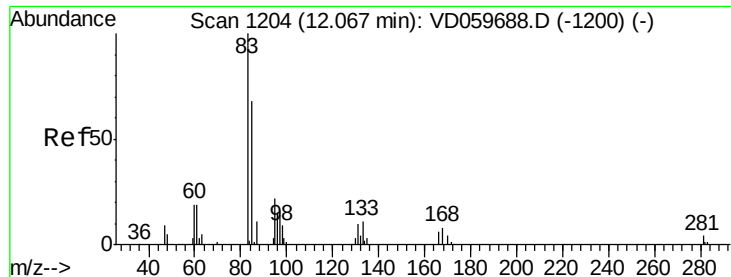
43 100

70 25.0 21.0 31.6

55 19.5 15.4 23.2

61 20.1 16.8 25.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.78 ug/l

RT: 12.07 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

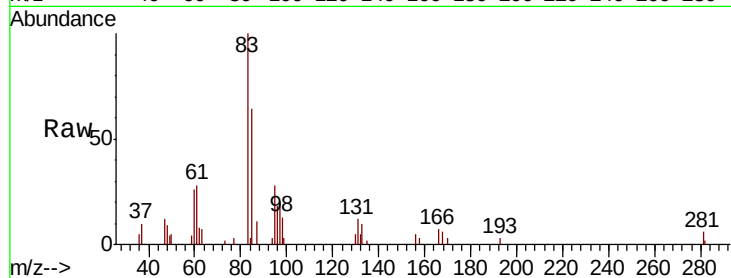
Tot Ion: 83 Resp: 21312

Ion Ratio Lower Upper

83 100

131 11.7 5.3 15.9

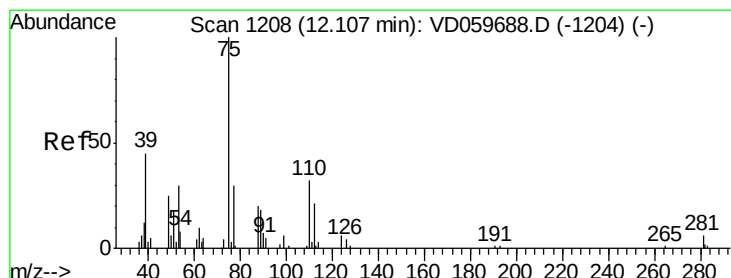
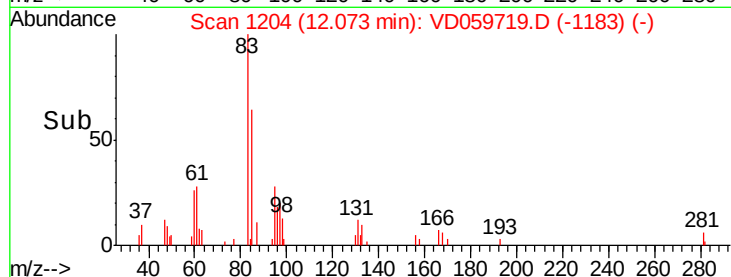
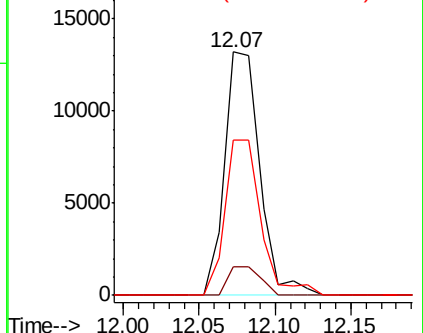
85 63.7 34.1 102.2



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 20.12 ug/l

RT: 12.11 min Scan# 1208

Delta R.T. 0.01 min

Lab File: VD059719.D

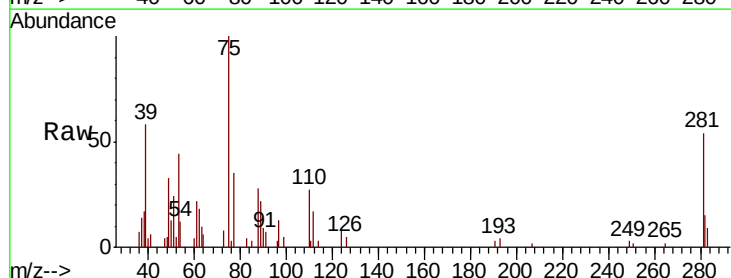
Acq: 9 Aug 2018 16:55

Tgt Ion: 75 Resp: 27649

Ion Ratio Lower Upper

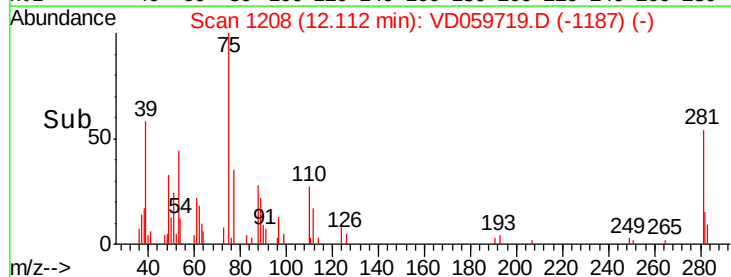
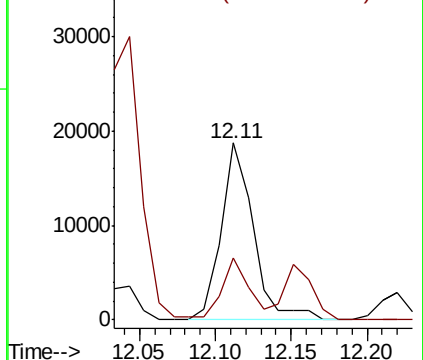
75 100

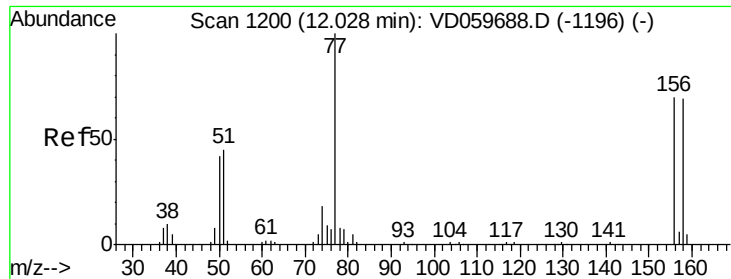
77 35.1 15.5 46.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.14 ug/l

RT: 12.04 min Scan# 1201

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

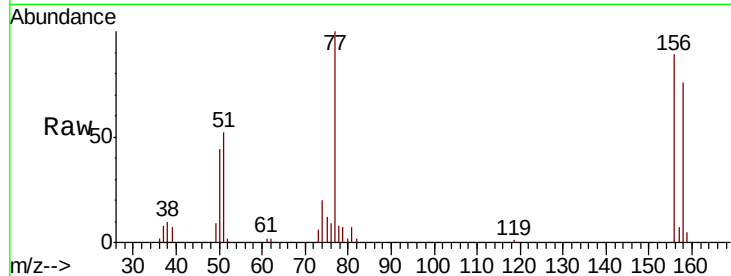
Tot Ion:156 Resp: 35067

Ion Ratio Lower Upper

156 100

77 112.0 71.2 213.6

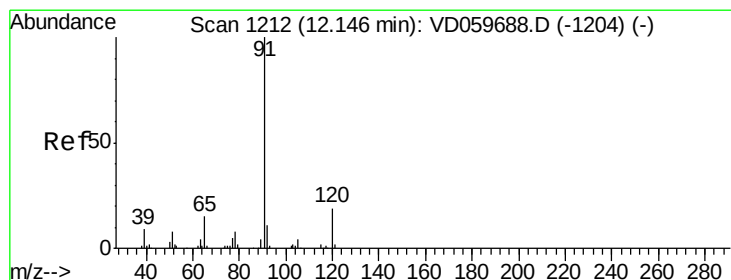
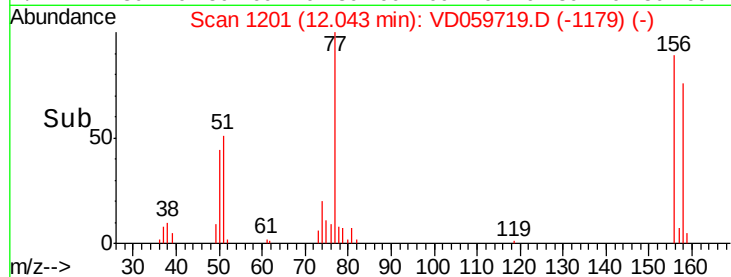
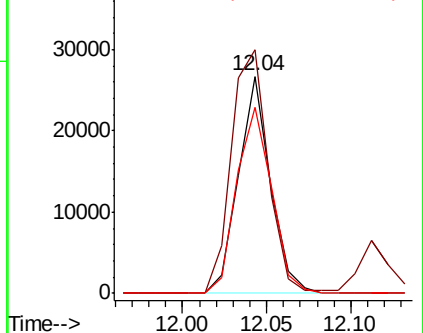
158 85.5 49.1 147.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 19.08 ug/l

RT: 12.15 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VD059719.D

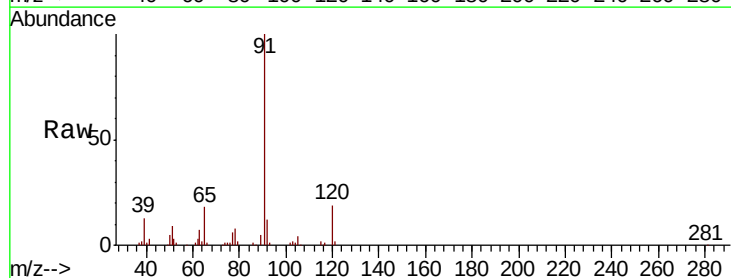
Acq: 9 Aug 2018 16:55

Tgt Ion: 91 Resp: 141285

Ion Ratio Lower Upper

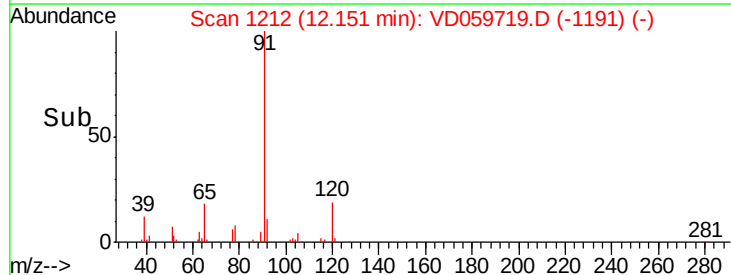
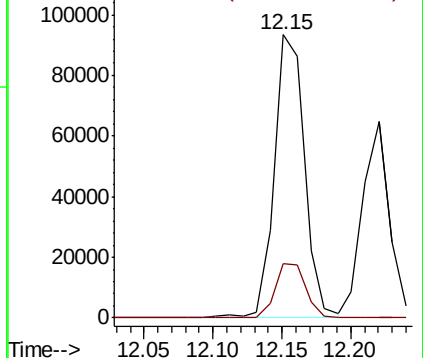
91 100

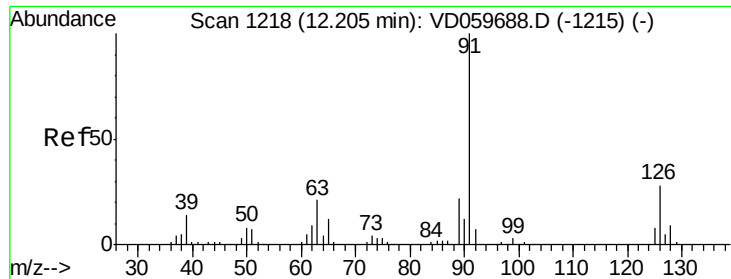
120 19.2 9.5 28.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

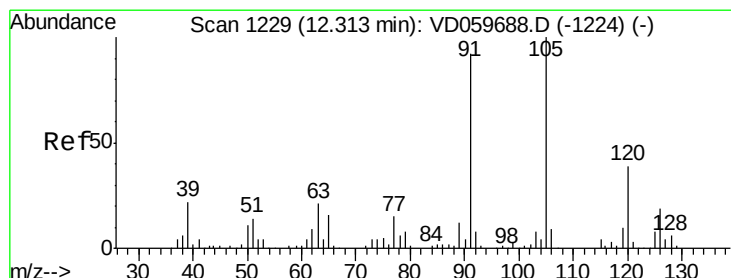
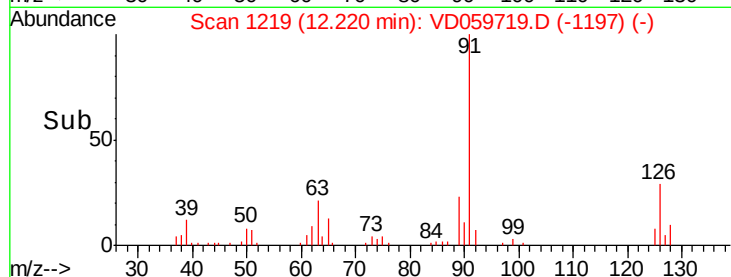
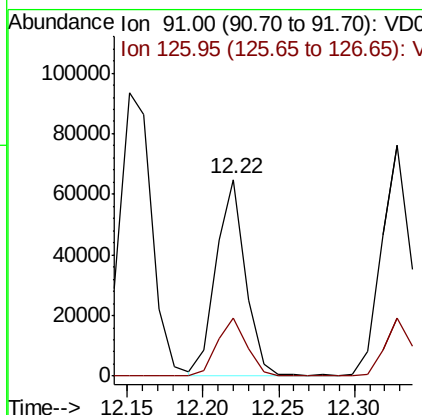
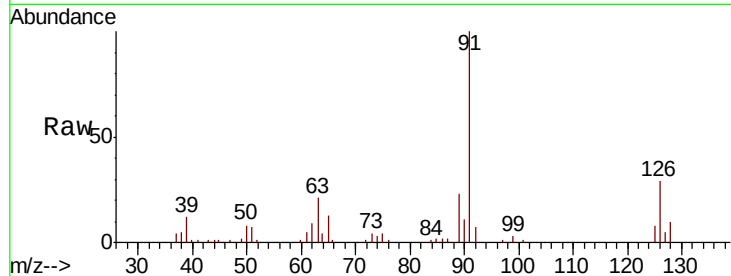




#79
 2-Chlorotoluene
 Concen: 19.72 ug/l
 RT: 12.22 min Scan# 1219
 Delta R.T. 0.02 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

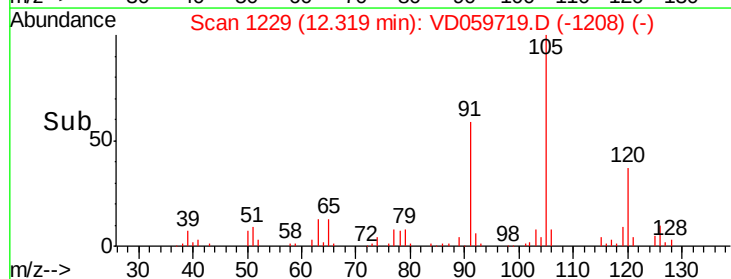
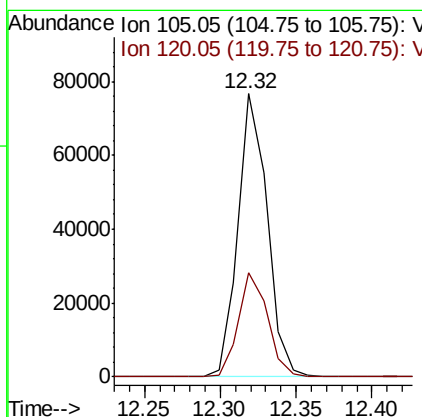
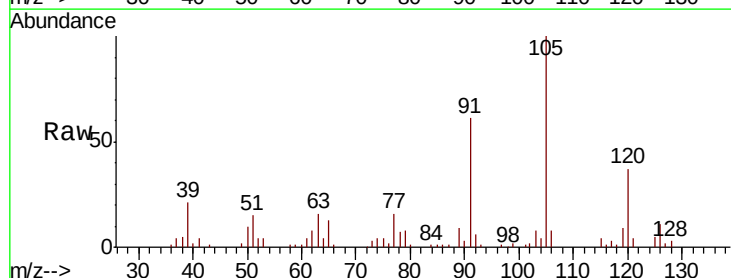
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

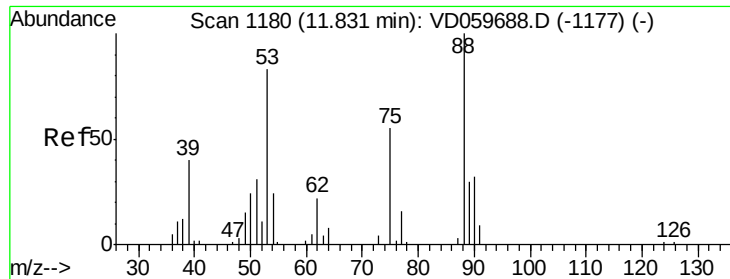
Tot Ion: 91 Resp: 88184
 Ion Ratio Lower Upper
 91 100
 126 29.3 13.7 41.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.59 ug/l
 RT: 12.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Tgt Ion:105 Resp: 102459
 Ion Ratio Lower Upper
 105 100
 120 36.6 19.7 59.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.29 ug/l

RT: 11.85 min Scan# 1181

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

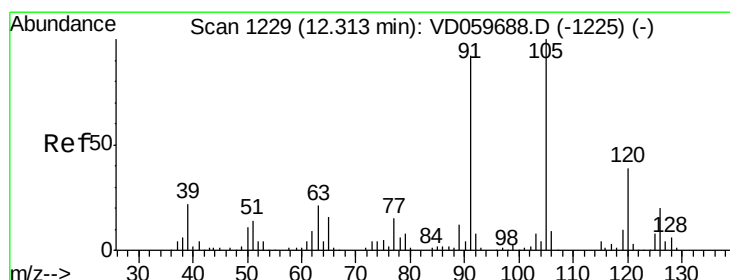
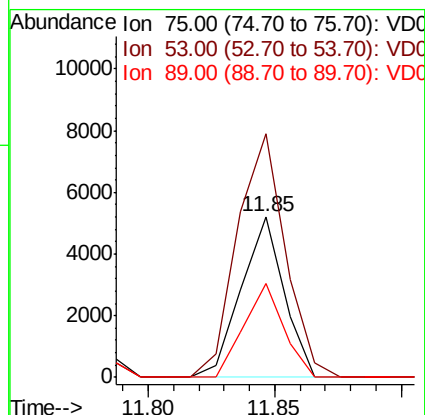
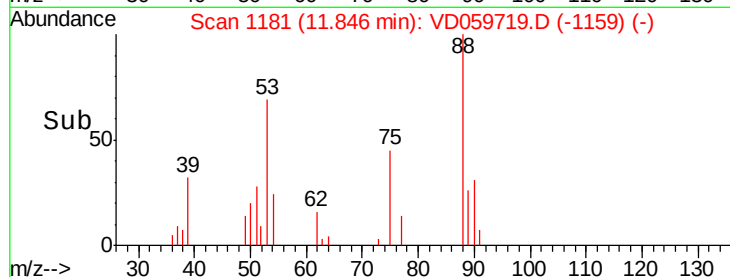
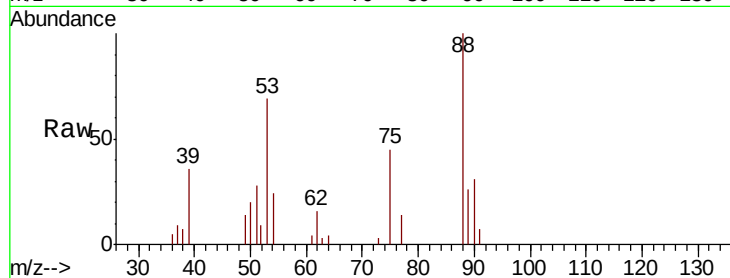
Tot Ion: 75 Resp: 6136

Ion Ratio Lower Upper

75 100

53 151.3 120.5 180.7

89 58.2 44.4 66.6



#82

4-Chlorotoluene

Concen: 19.68 ug/l

RT: 12.33 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VD059719.D

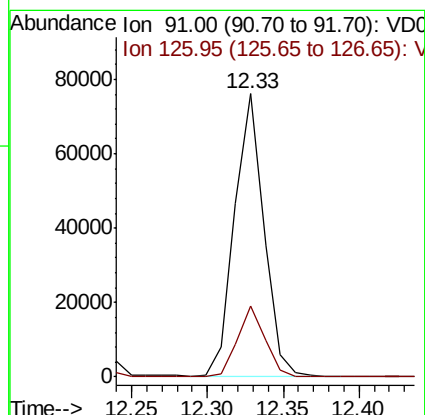
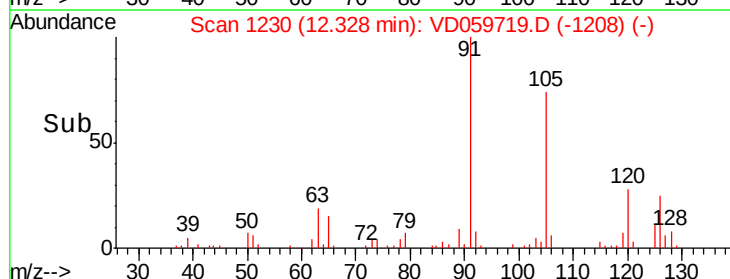
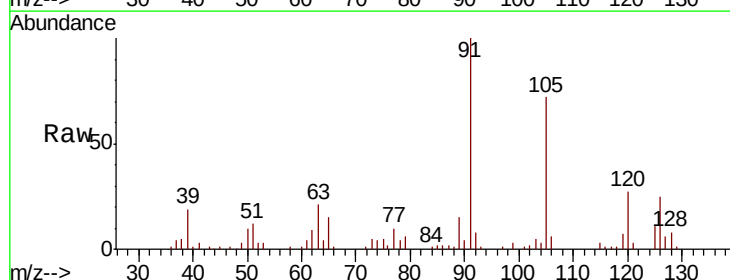
Acq: 9 Aug 2018 16:55

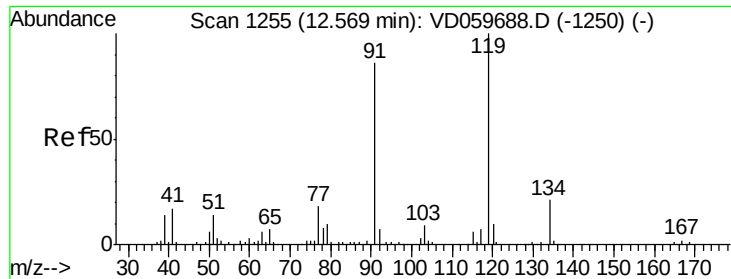
Tgt Ion: 91 Resp: 103034

Ion Ratio Lower Upper

91 100

126 25.2 10.7 31.9





#83

tert-Butylbenzene

Concen: 19.43 ug/l

RT: 12.57 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBS01

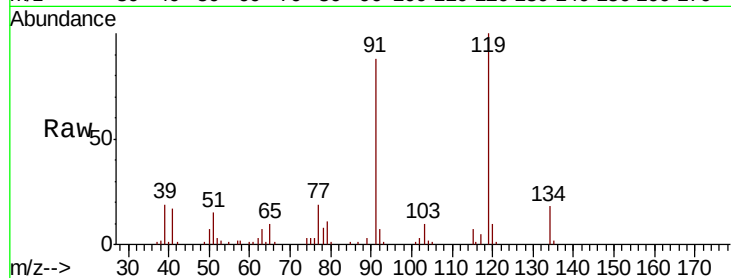
Tot Ion:119 Resp: 108245

Ion Ratio Lower Upper

119 100

91 87.8 43.3 129.9

134 18.3 10.5 31.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

12.57

60000

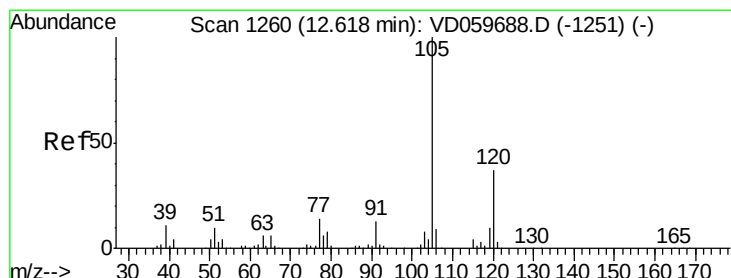
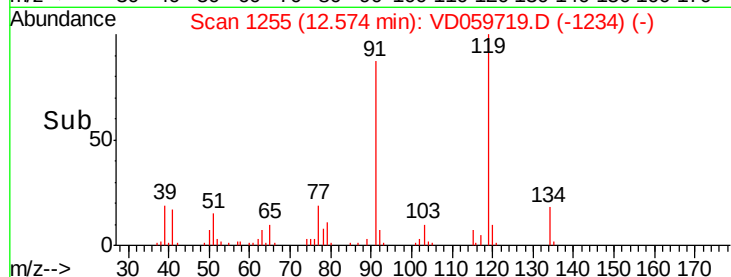
40000

20000

0

Time-->

12.50 12.60 12.70



#84

1,2,4-Trimethylbenzene

Concen: 19.81 ug/l

RT: 12.62 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VD059719.D

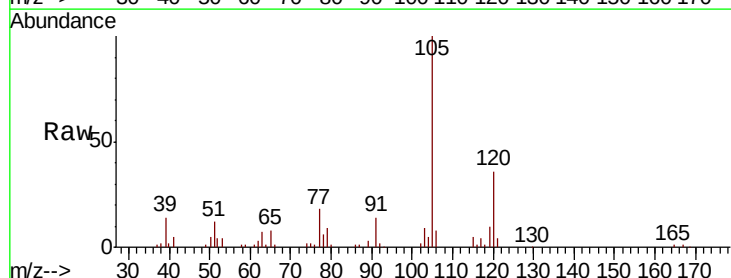
Acq: 9 Aug 2018 16:55

Tgt Ion:105 Resp: 104483

Ion Ratio Lower Upper

105 100

120 36.2 18.7 56.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12.62

80000

60000

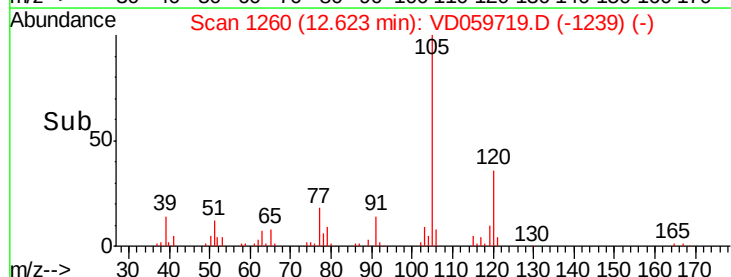
40000

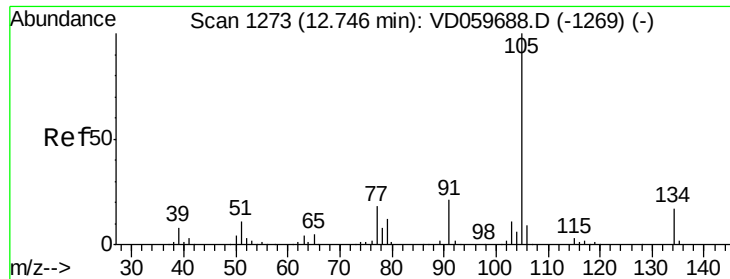
20000

0

Time-->

12.55 12.60 12.65 12.70





#85

sec-Butylbenzene

Concen: 19.65 ug/l

RT: 12.76 min Scan# 1274

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

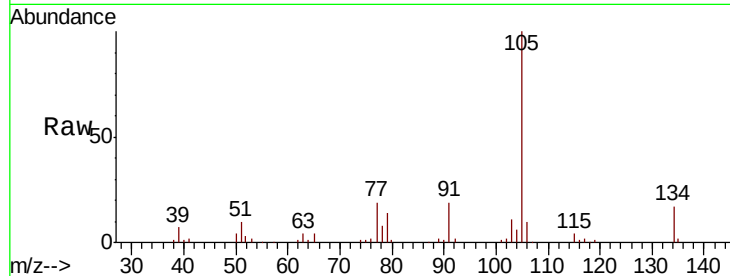
VD0809SBS01

Tot Ion:105 Resp: 121581

Ion Ratio Lower Upper

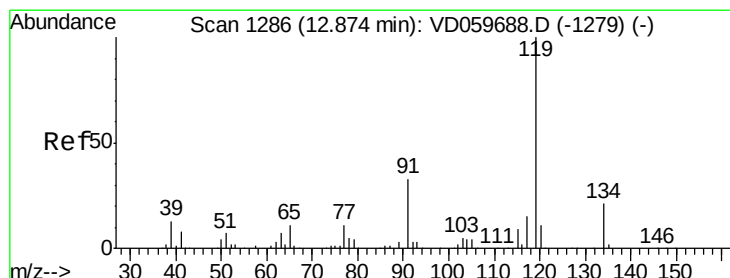
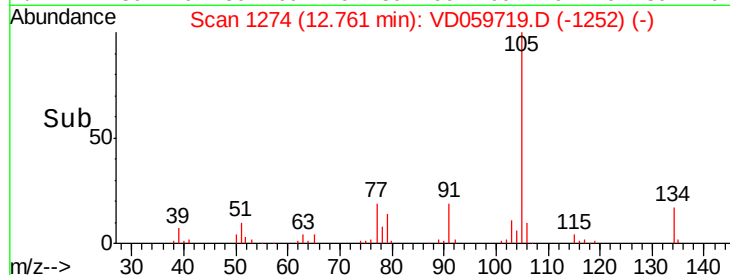
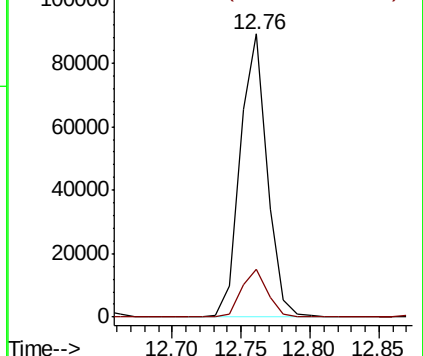
105 100

134 16.9 8.3 24.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 19.91 ug/l

RT: 12.89 min Scan# 1287

Delta R.T. 0.02 min

Lab File: VD059719.D

Acq: 9 Aug 2018 16:55

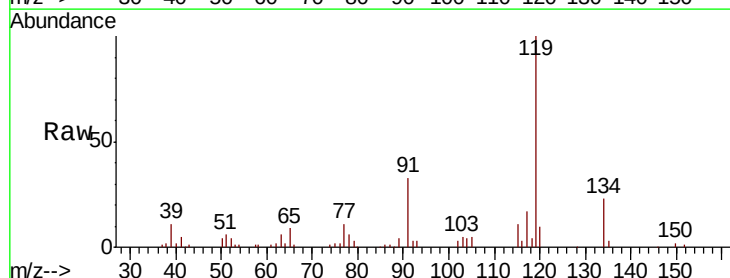
Tgt Ion:119 Resp: 105060

Ion Ratio Lower Upper

119 100

134 23.2 10.7 32.1

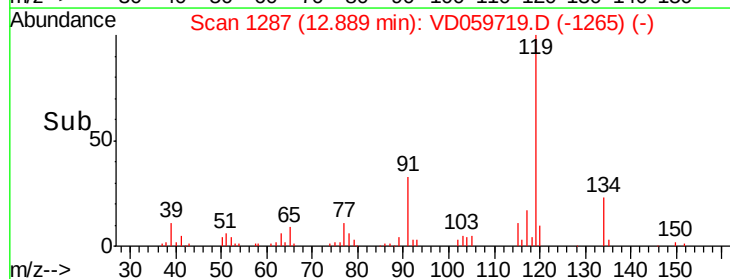
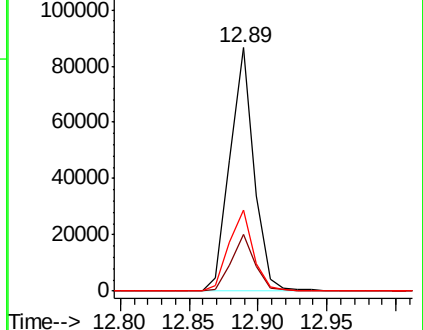
91 33.2 16.6 49.7

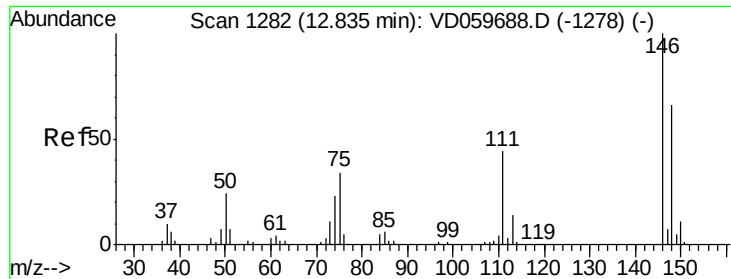


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

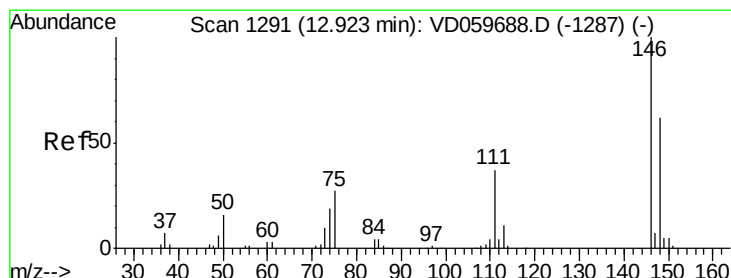
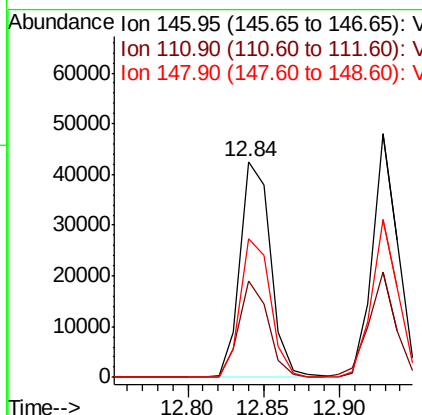
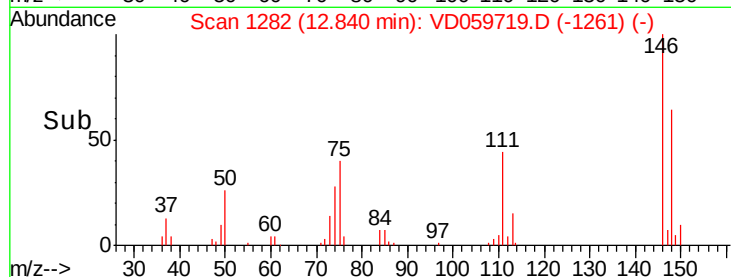
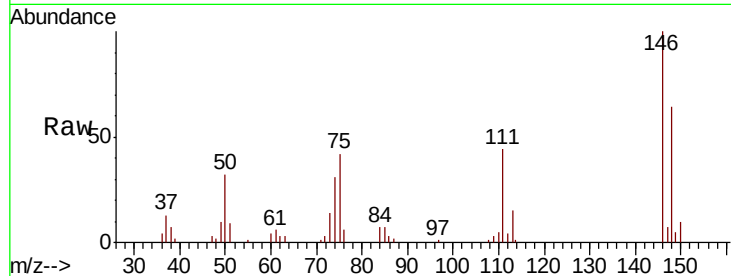




#87
 1,3-Dichlorobenzene
 Concen: 19.78 ug/l
 RT: 12.84 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

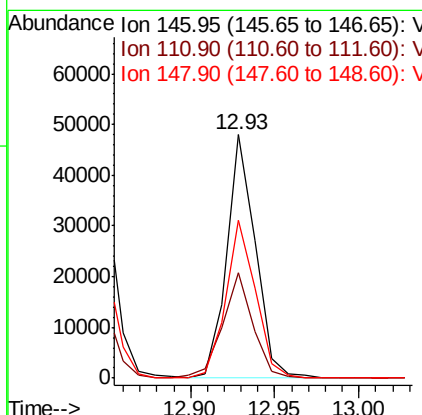
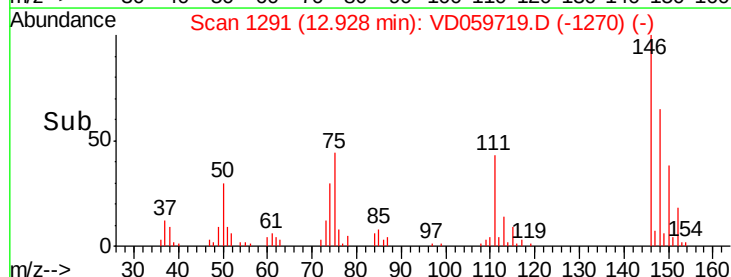
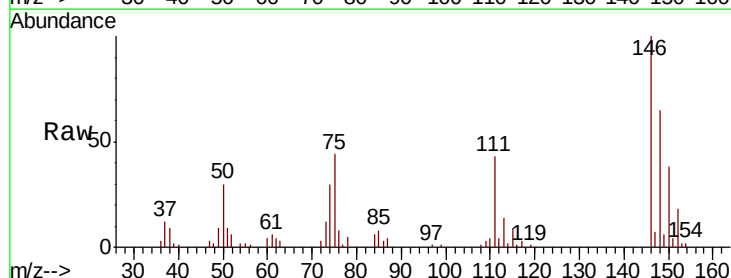
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

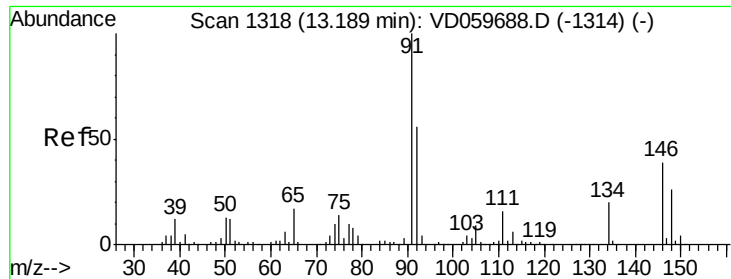
Tot Ion:146 Resp: 59463
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.8 65.4
 148 64.4 33.1 99.2



#88
 1,4-Dichlorobenzene
 Concen: 18.85 ug/l
 RT: 12.93 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Tgt Ion:146 Resp: 56534
 Ion Ratio Lower Upper
 146 100
 111 43.3 18.6 55.8
 148 65.0 31.2 93.6

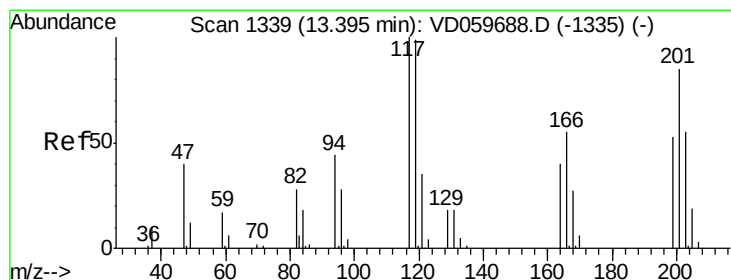
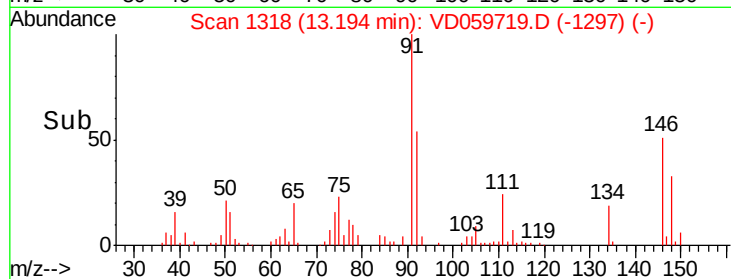
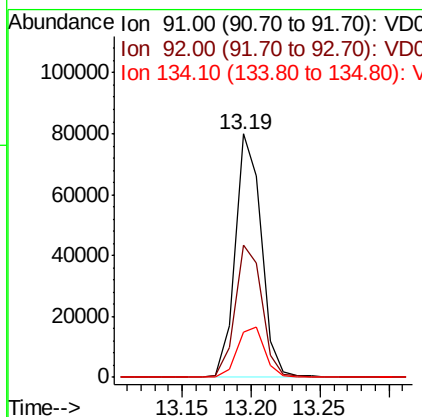
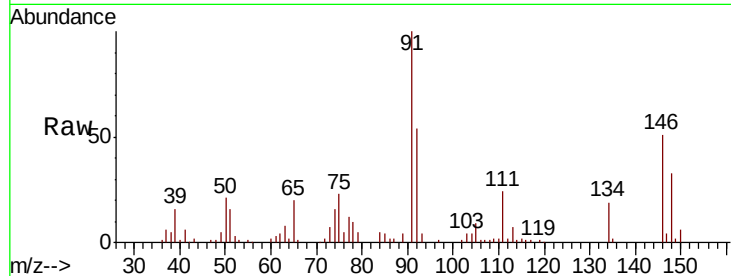




#89
n-Butylbenzene
Concen: 19.72 ug/l
RT: 13.19 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

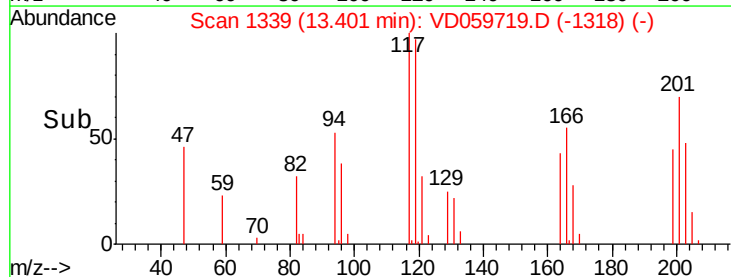
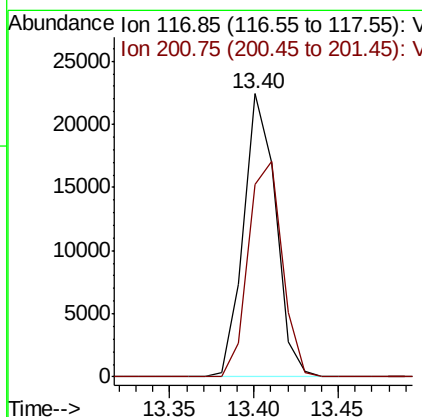
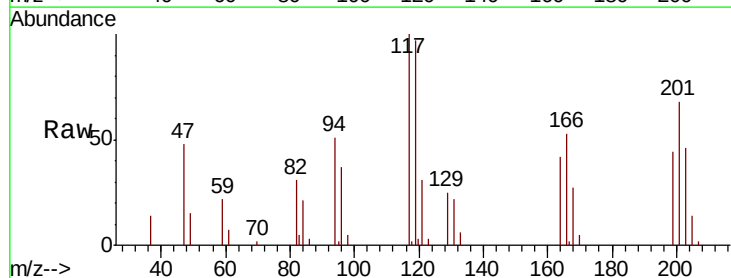
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

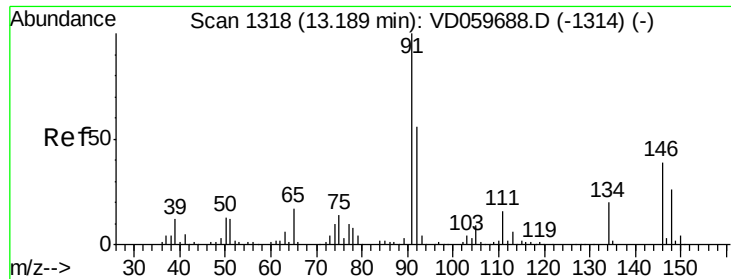
Tot Ion: 91 Resp: 105470
Ion Ratio Lower Upper
91 100
92 54.4 28.2 84.6
134 18.8 9.8 29.5



#90
Hexachloroethane
Concen: 21.71 ug/l
RT: 13.40 min Scan# 1339
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion: 117 Resp: 29682
Ion Ratio Lower Upper
117 100
201 68.1 42.4 127.1

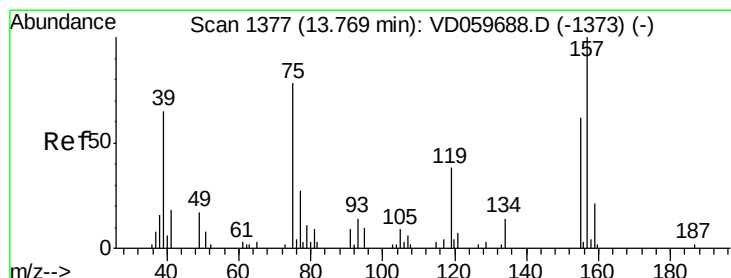
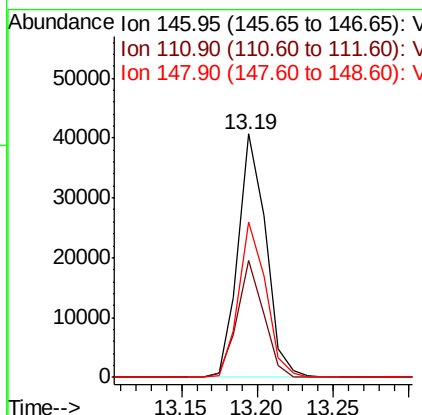
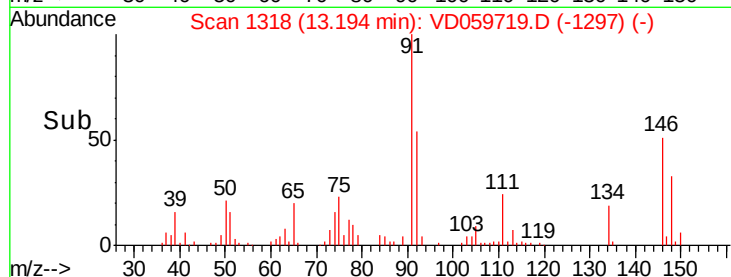
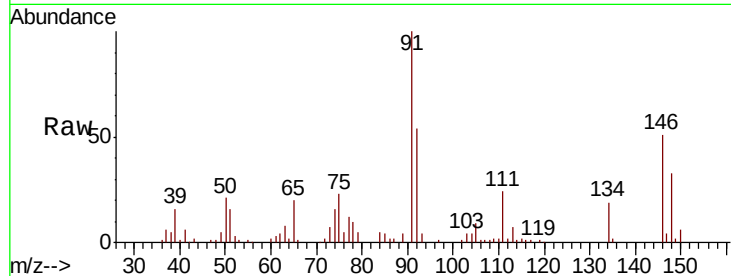




#91
 1,2-Dichlorobenzene
 Concen: 20.57 ug/l
 RT: 13.19 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

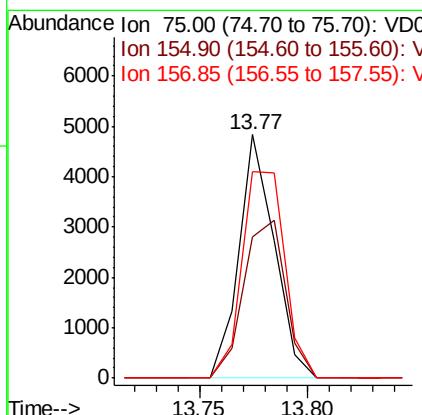
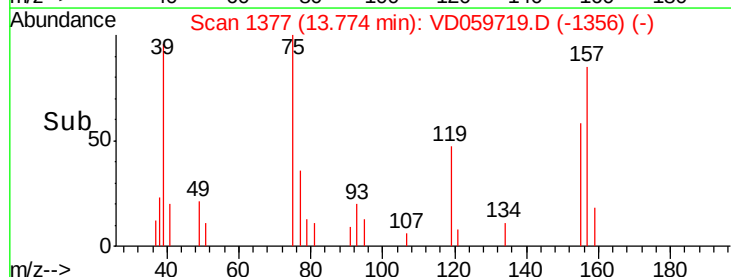
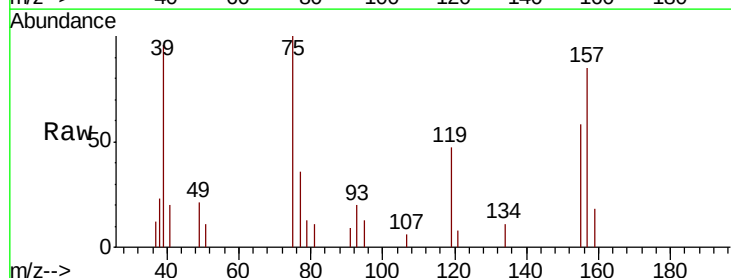
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

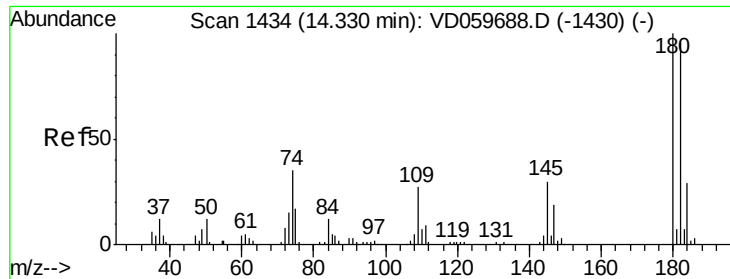
Tot Ion:146 Resp: 52056
 Ion Ratio Lower Upper
 146 100
 111 48.1 20.8 62.2
 148 63.9 33.4 100.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.01 ug/l
 RT: 13.77 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Tgt Ion: 75 Resp: 5511
 Ion Ratio Lower Upper
 75 100
 155 58.0 40.0 119.9
 157 84.7 64.3 192.7

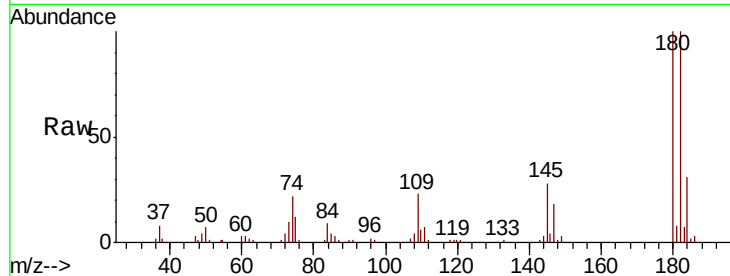




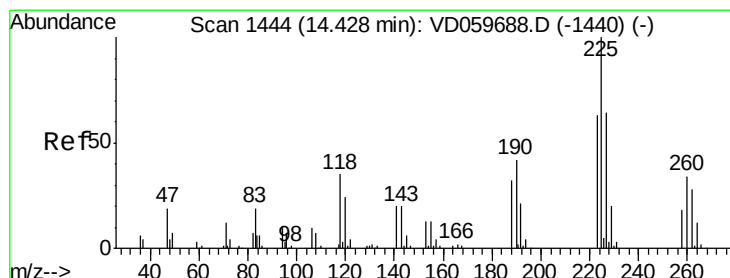
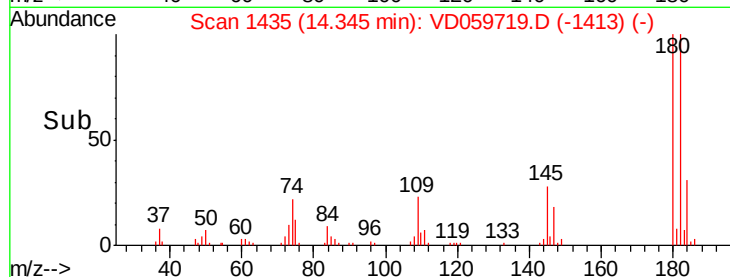
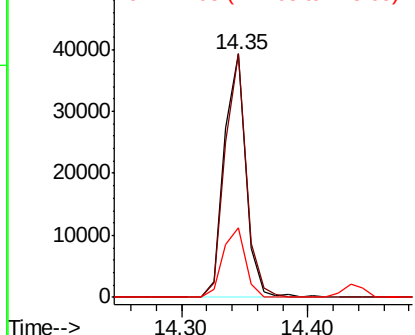
#93
 1,2,4-Trichlorobenzene
 Concen: 20.49 ug/l
 RT: 14.35 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Tot Ion:180 Resp: 46660
 Ion Ratio Lower Upper
 180 100
 182 99.8 48.0 144.0
 145 28.3 14.8 44.4

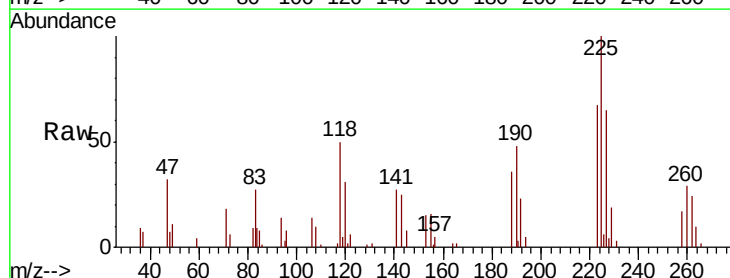


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

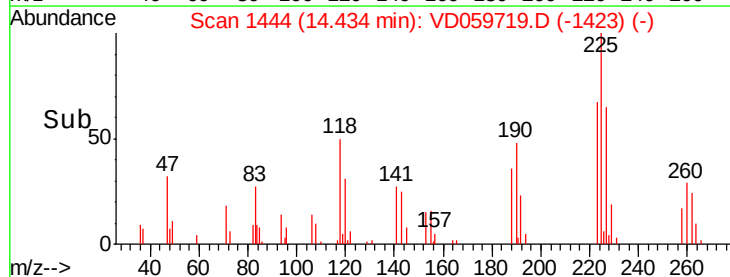
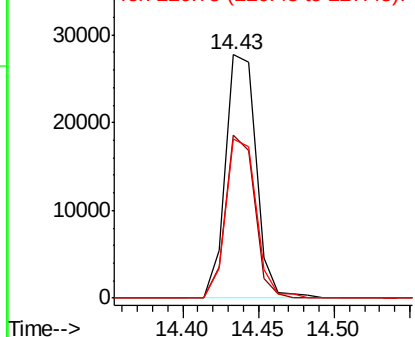


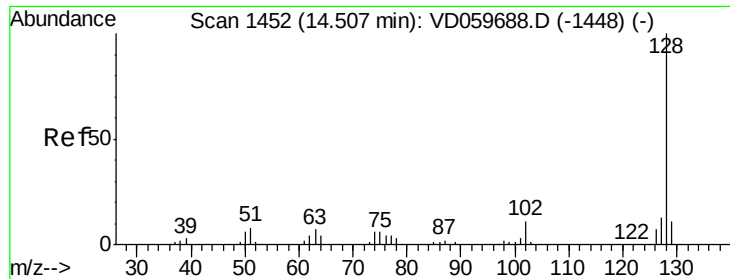
#94
 Hexachlorobutadiene
 Concen: 22.09 ug/l
 RT: 14.43 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: VD059719.D
 Acq: 9 Aug 2018 16:55

Tgt Ion:225 Resp: 39016
 Ion Ratio Lower Upper
 225 100
 223 66.8 31.4 94.3
 227 65.4 32.1 96.3



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

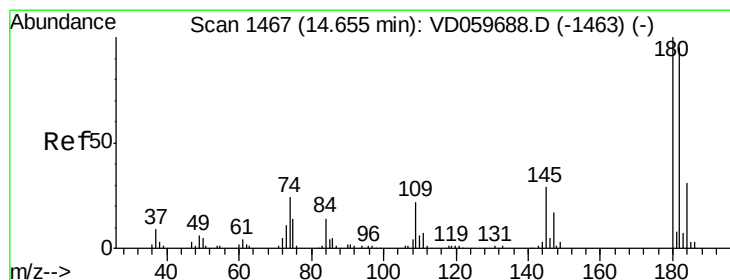
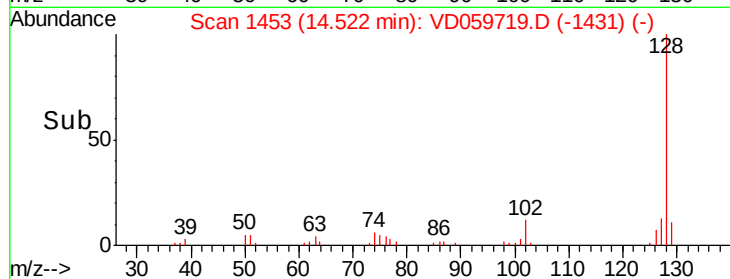
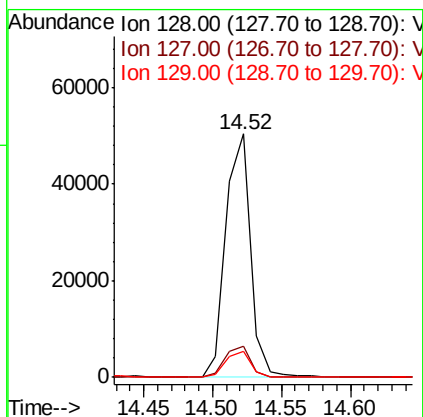
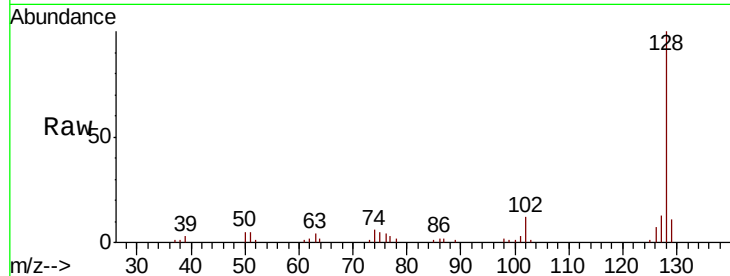




#95
Naphthalene
Concen: 18.63 ug/l
RT: 14.52 min Scan# 1453
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBS01

Tot Ion:128 Resp: 62809
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.18 ug/l
RT: 14.66 min Scan# 1467
Delta R.T. 0.01 min
Lab File: VD059719.D
Acq: 9 Aug 2018 16:55

Tgt Ion:180 Resp: 42192
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 34.2 14.5 43.5

