

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058272.D
 Acq On : 22 Jun 2018 2:27
 Operator : VA/AP
 Sample : VD0621SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS02

Quant Time: Jun 22 02:45:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	897489	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	1195413	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	966372	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	490327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	480191	52.97	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	5.56	113	496761	51.06	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	8.71	98	1173192	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.93	95	470182	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.35	85	216319	23.58	ug/l	98
3) Chloromethane	1.49	50	96009	22.08	ug/l	89
4) Vinyl Chloride	1.56	62	95736	20.36	ug/l	98
5) Bromomethane	1.80	94	34030	19.13	ug/l	94
6) Chloroethane	1.89	64	35552	19.39	ug/l	98
7) Trichlorofluoromethane	2.08	101	138728	21.52	ug/l	99
8) Diethyl Ether	2.35	74	28497	20.90	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.56	101	89991	21.96	ug/l	97
10) Methyl Iodide	2.69	142	98267	21.08	ug/l	95
11) Tert butyl alcohol	3.29	59	25716	86.01	ug/l	98
12) 1,1-Dichloroethene	2.55	96	68441	22.20	ug/l	92
13) Acrolein	2.48	56	17402	101.96	ug/l	93
14) Allyl chloride	2.92	41	145365	20.26	ug/l	98
15) Acrylonitrile	3.36	53	92861	117.13	ug/l	99
16) Acetone	2.63	43	114275	92.18	ug/l	94
17) Carbon Disulfide	2.76	76	206014	19.64	ug/l	98
18) Methyl Acetate	2.94	43	50299	19.02	ug/l	95
19) Methyl tert-butyl Ether	3.41	73	292988	35.83	ug/l	97
20) Methylene Chloride	3.08	84	75301	20.45	ug/l	# 84
21) trans-1,2-Dichloroethene	3.41	96	95652	28.38	ug/l	86
22) Diisopropyl ether	4.08	45	592968	20.80	ug/l	96
23) Vinyl Acetate	4.02	43	1561856	102.22	ug/l	99
24) 1,1-Dichloroethane	3.97	63	360327	23.47	ug/l	98
25) 2-Butanone	4.85	43	266635	98.68	ug/l	93
26) 2,2-Dichloropropane	4.80	77	256147	19.92	ug/l	96
27) cis-1,2-Dichloroethene	4.81	96	199513	23.69	ug/l	91
28) Bromochloromethane	5.16	49	156812	22.78	ug/l	# 98
29) Tetrahydrofuran	5.20	42	140118	97.42	ug/l	94
30) Chloroform	5.33	83	376821	23.24	ug/l	98
31) Cyclohexane	5.60	56	270739	21.28	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	294181	21.96	ug/l	95
36) 1,1-Dichloropropene	5.75	75	263438	22.28	ug/l	99
37) Ethyl Acetate	4.94	43	138488	20.55	ug/l	95
38) Carbon Tetrachloride	5.73	117	241369	20.54	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	239977	20.83	ug/l	95
40) Benzene	6.02	78	612439	21.74	ug/l	98
41) Methacrylonitrile	5.14	41	62330	19.16	ug/l #	92
42) 1,2-Dichloroethane	6.14	62	242516	21.35	ug/l	97
43) Isopropyl Acetate	7.63	43	174408	19.42	ug/l #	99
44) Trichloroethene	6.99	130	182032	21.52	ug/l	95
45) 1,2-Dichloropropane	7.35	63	166244	21.91	ug/l	99
46) Dibromomethane	7.47	93	108642	20.98	ug/l	95
47) Bromodichloromethane	7.75	83	256366	21.71	ug/l	92
48) Methyl methacrylate	7.51	41	101819	18.65	ug/l	96
49) 1,4-Dioxane	7.50	88	21426	434.76	ug/l #	72
51) 4-Methyl-2-Pentanone	8.60	43	579922	98.97	ug/l	98
52) Toluene	8.81	92	352147	21.95	ug/l	100
53) t-1,3-Dichloropropene	9.19	75	210007	20.45	ug/l	98
54) cis-1,3-Dichloropropene	8.37	75	248156	20.61	ug/l	98
55) 1,1,2-Trichloroethane	9.46	97	118996	20.97	ug/l	93
56) Ethyl methacrylate	9.32	69	142359	20.97	ug/l	92
57) 1,3-Dichloropropane	9.66	76	206159	21.57	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.20	63	376086	111.93	ug/l	95
59) 2-Hexanone	9.79	43	414520	97.91	ug/l	97
60) Dibromochloromethane	9.96	129	155037	20.13	ug/l	98
61) 1,2-Dibromoethane	10.10	107	133442	21.48	ug/l	99
64) Tetrachloroethene	9.52	164	190824	23.47	ug/l	94
65) Chlorobenzene	10.73	112	408613	22.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.86	131	151093	21.66	ug/l	96
67) Ethyl Benzene	10.87	91	704878	22.09	ug/l	97
68) m/p-Xylenes	11.01	106	444750	41.79	ug/l	98
69) o-Xylene	11.41	106	217612	21.41	ug/l	93
70) Styrene	11.44	104	378480	21.82	ug/l	97
71) Bromoform	11.60	173	108476	19.49	ug/l	99
73) Isopropylbenzene	11.77	105	663330	22.62	ug/l	95
74) N-amyl acetate	11.64	43	233218	20.57	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	156047	22.86	ug/l	98
76) 1,2,3-Trichloropropane	12.12	75	142001	19.84	ug/l	99
77) Bromobenzene	12.05	156	198673	22.62	ug/l	97
78) n-propylbenzene	12.16	91	851813	22.49	ug/l	100
79) 2-Chlorotoluene	12.21	91	491738	22.69	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	525734	22.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.85	75	30990	17.75	ug/l	88
82) 4-Chlorotoluene	12.32	91	545061	22.85	ug/l	89
83) tert-Butylbenzene	12.58	119	557179	21.19	ug/l	95
84) 1,2,4-Trimethylbenzene	12.63	105	539098	21.68	ug/l	99
85) sec-Butylbenzene	12.76	105	691031	22.42	ug/l	99
86) p-Isopropyltoluene	12.88	119	523760	20.97	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	328038	21.49	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	326954	21.93	ug/l	100
89) n-Butylbenzene	13.20	91	549847	20.94	ug/l	99
90) Hexachloroethane	13.41	117	140187	21.62	ug/l	95
91) 1,2-Dichlorobenzene	13.20	146	271306	20.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.78	75	22953	21.13	ug/l	90

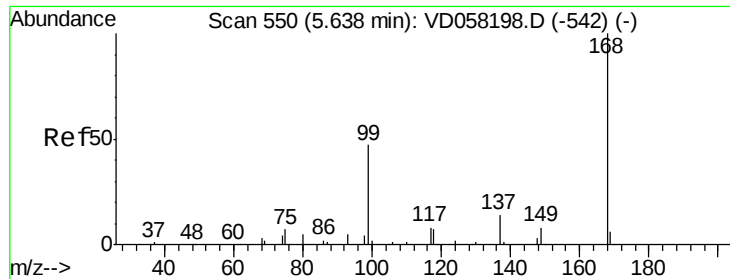
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062118\
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Acq On : 22 Jun 2018 2:27
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	266885	21.48	ug/l	99
94) Hexachlorobutadiene	14.44	225	198418	20.42	ug/l	97
95) Naphthalene	14.52	128	363031	22.18	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	224341	20.63	ug/l	98

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

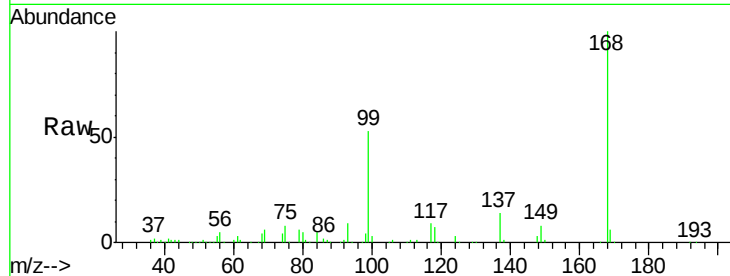


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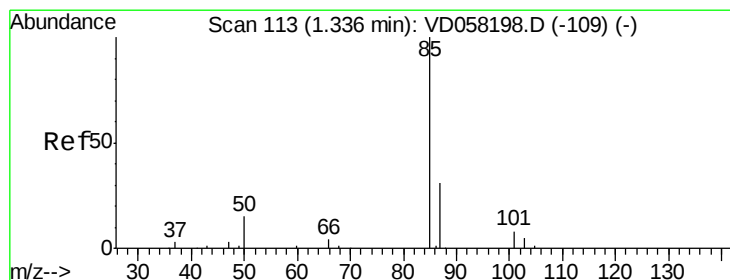
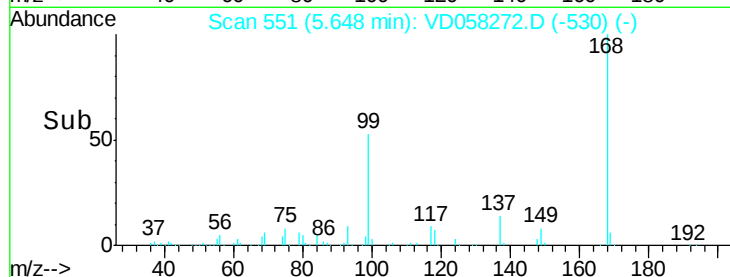
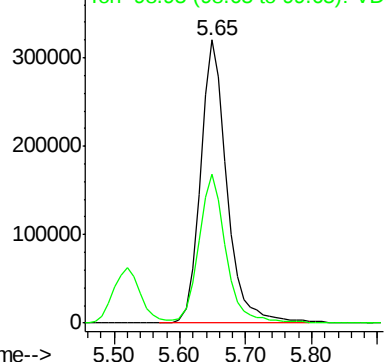
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBSD02

Tot Ion:168 Resp: 897489
 Ion Ratio Lower Upper
 168 100
 99 52.7 41.1 61.7



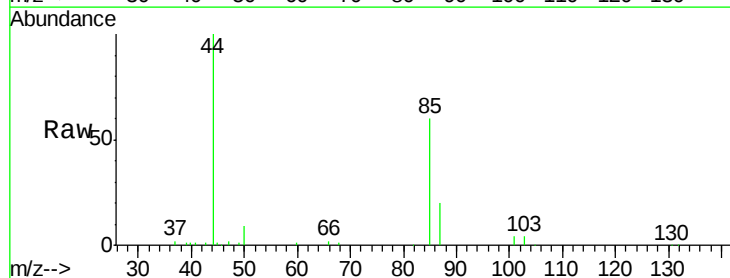
Abundance Ion 167.90 (167.60 to 168.60): V



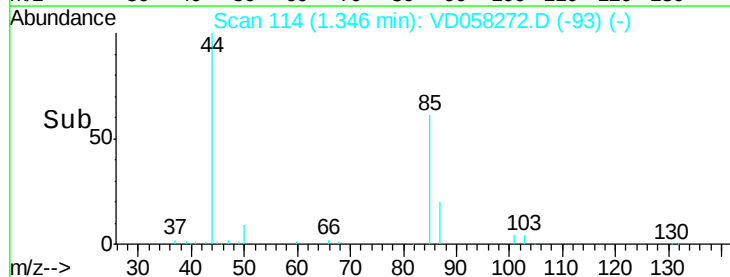
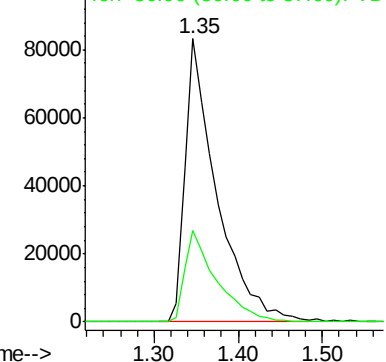
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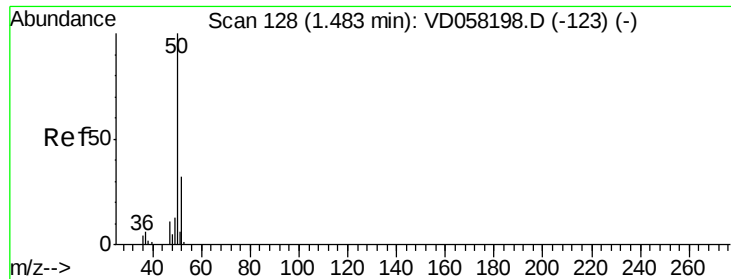
Dichlorodifluoromethane
 Concen: 23.58 ug/l
 RT: 1.35 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion: 85 Resp: 216319
 Ion Ratio Lower Upper
 85 100
 87 32.3 15.7 47.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

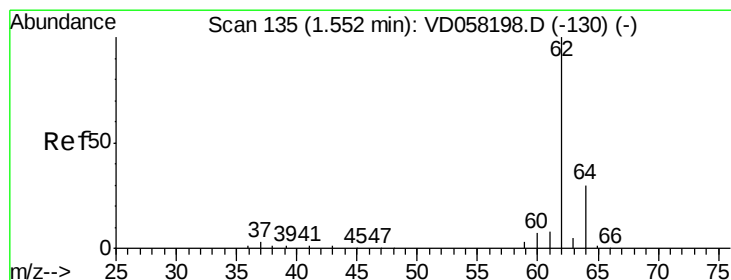
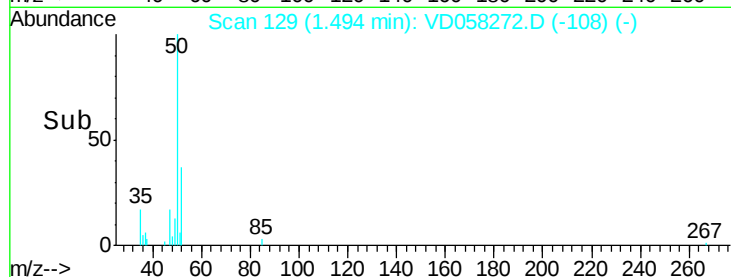
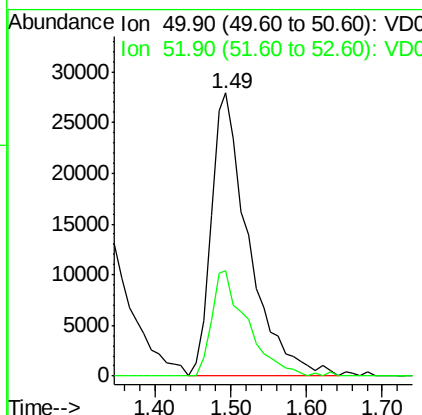
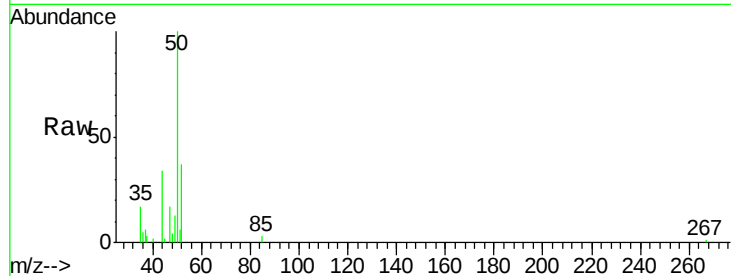




#3
Chloromethane
Concen: 22.08 ug/l
RT: 1.49 min Scan# 129
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

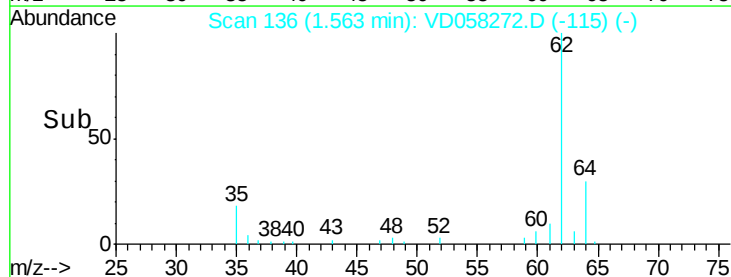
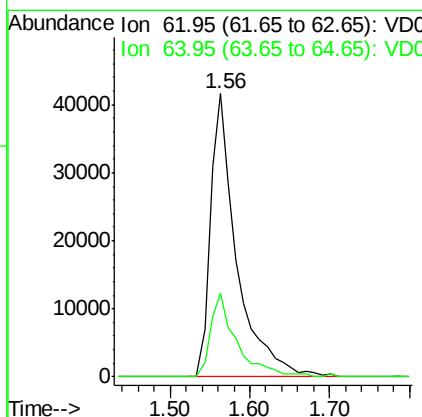
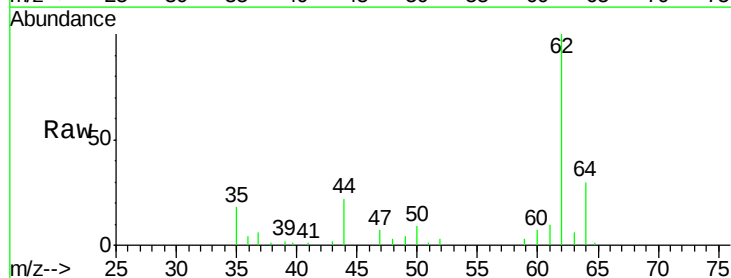
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD02

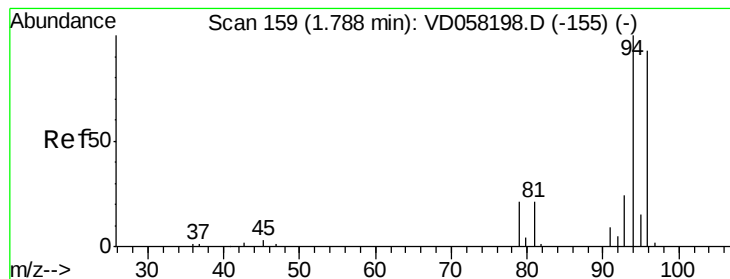
Tot Ion: 50 Resp: 96009
Ion Ratio Lower Upper
50 100
52 37.4 25.0 37.4



#4
Vinyl Chloride
Concen: 20.36 ug/l
RT: 1.56 min Scan# 136
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 62 Resp: 95736
Ion Ratio Lower Upper
62 100
64 29.5 24.4 36.6





#5

Bromomethane

Concen: 19.13 ug/l

RT: 1.80 min Scan# 160

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

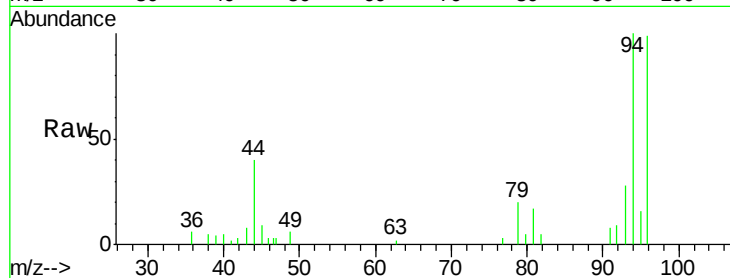
VD0621SBS02

Tot Ion: 94 Resp: 34030

Ion Ratio Lower Upper

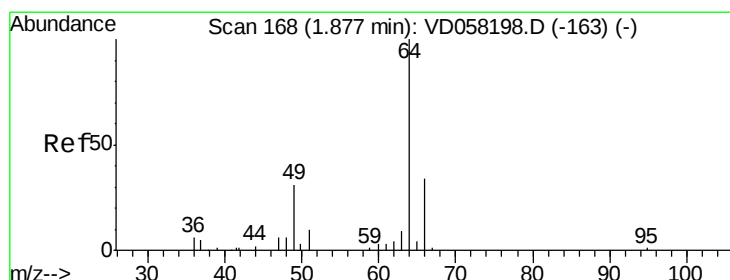
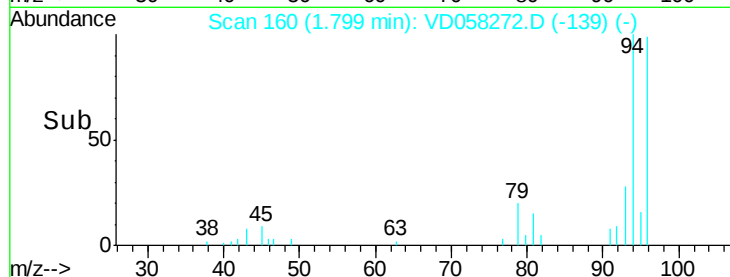
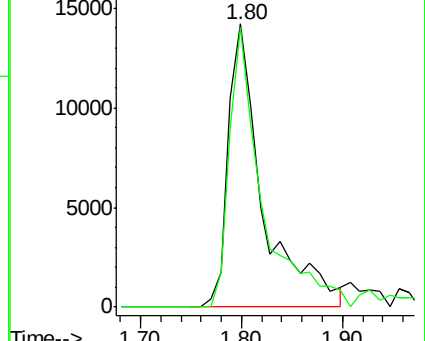
94 100

96 98.7 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.39 ug/l

RT: 1.89 min Scan# 169

Delta R.T. 0.01 min

Lab File: VD058272.D

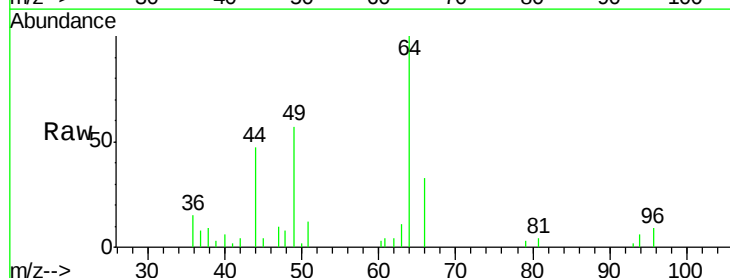
Acq: 22 Jun 2018 2:27

Tgt Ion: 64 Resp: 35552

Ion Ratio Lower Upper

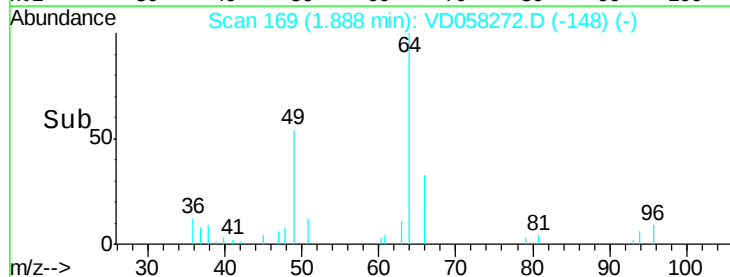
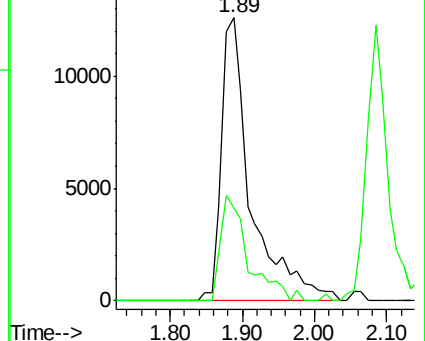
64 100

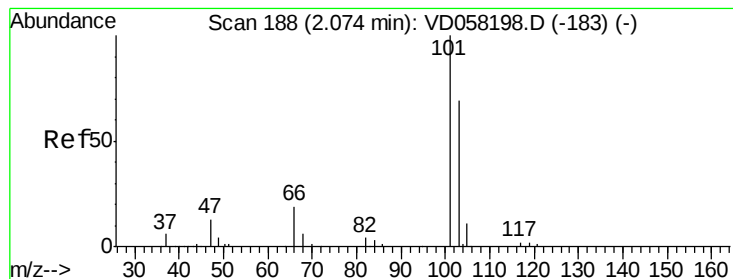
66 32.9 27.3 40.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



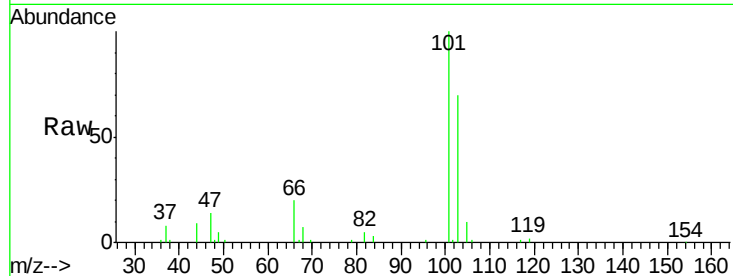


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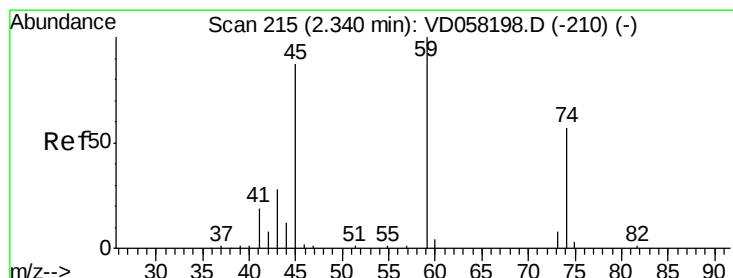
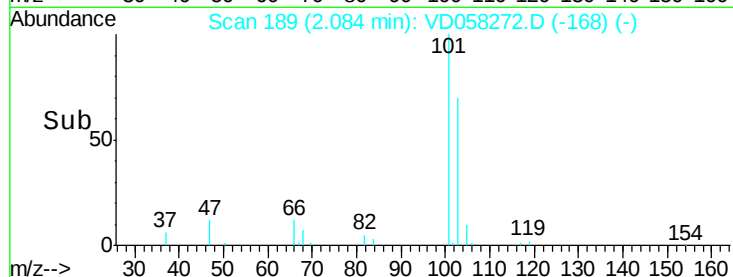
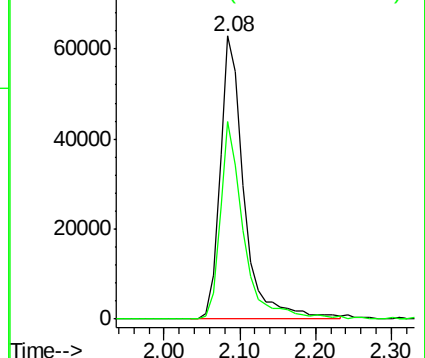
Trichlorofluoromethane
 Concen: 21.52 ug/l
 RT: 2.08 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Instrument :
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Tot Ion:101 Resp: 138728
 Ion Ratio Lower Upper
 101 100
 103 69.6 55.1 82.7



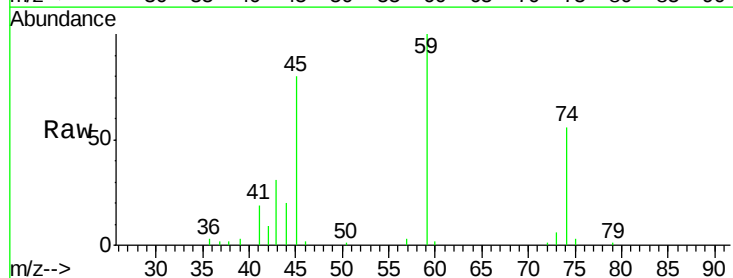
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



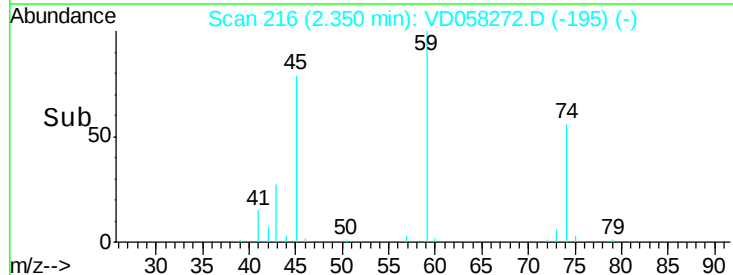
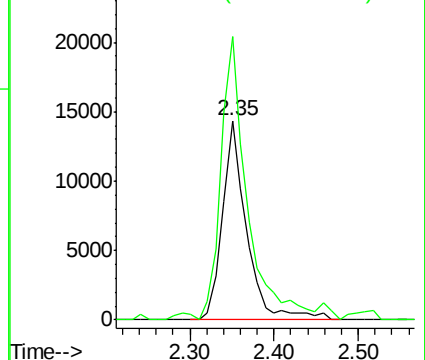
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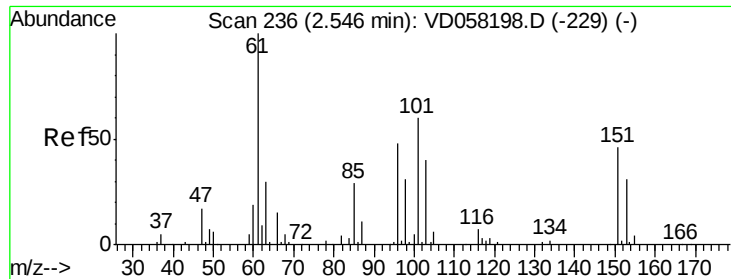
Diethyl Ether
 Concen: 20.90 ug/l
 RT: 2.35 min Scan# 216
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion: 74 Resp: 28497
 Ion Ratio Lower Upper
 74 100
 45 141.9 77.5 232.6



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: 21.96 ug/l

RT: 2.56 min Scan# 237

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

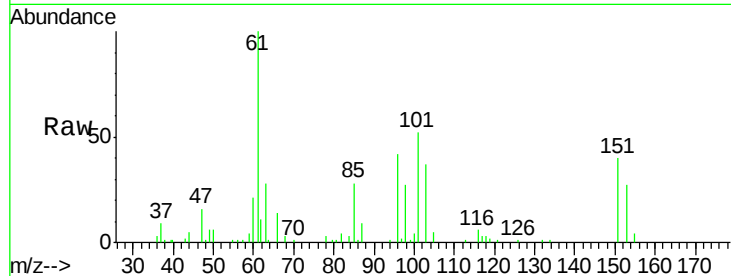
Tot Ion:101 Resp: 89991

Ion Ratio Lower Upper

101 100

85 53.6 39.0 58.4

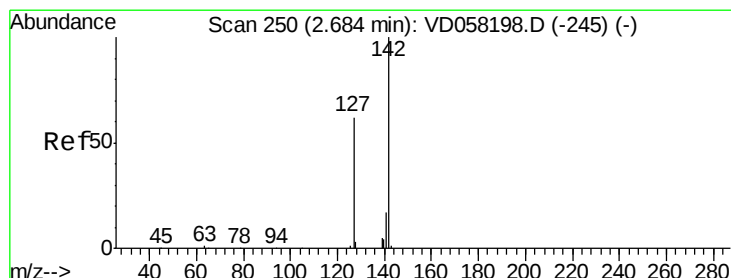
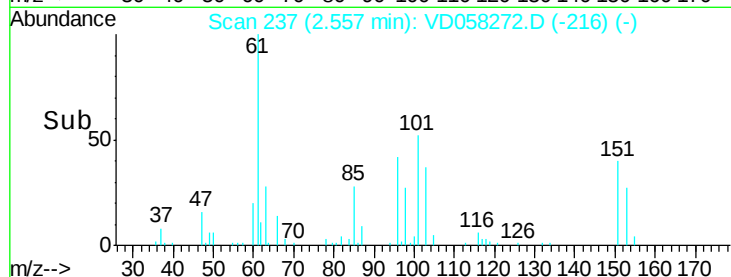
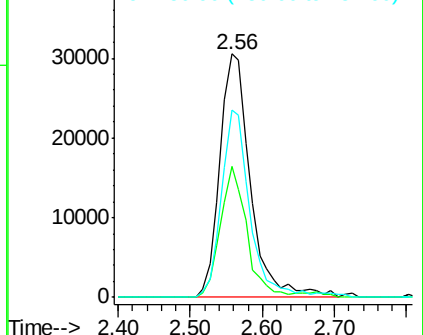
151 76.8 61.8 92.8



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: 21.08 ug/l

RT: 2.69 min Scan# 251

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

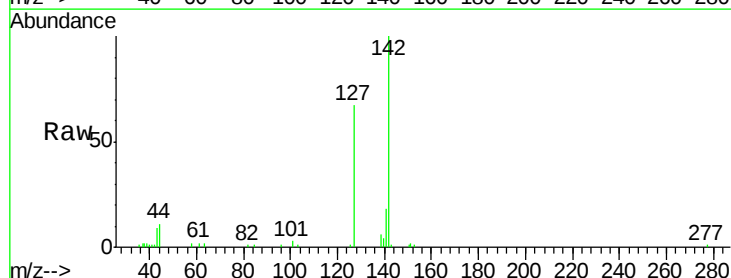
Tgt Ion:142 Resp: 98267

Ion Ratio Lower Upper

142 100

127 66.6 49.4 74.0

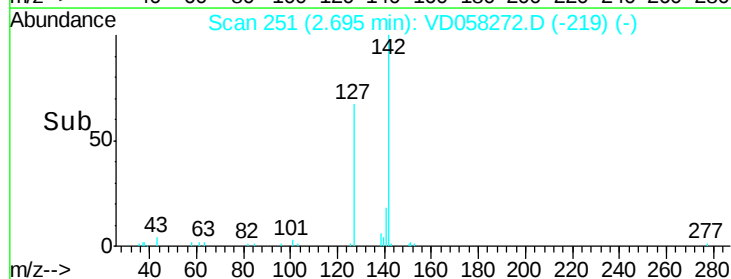
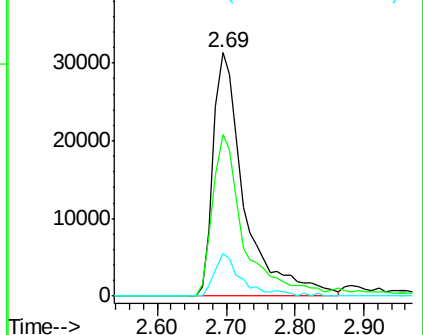
141 17.5 13.5 20.3



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



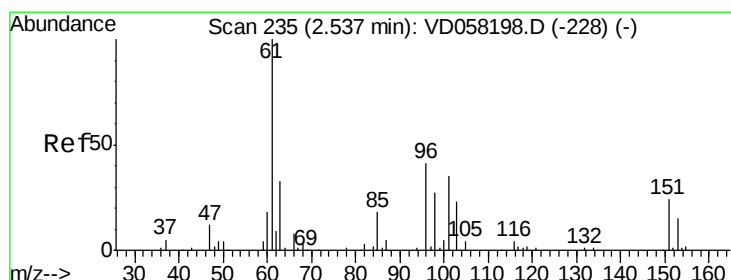
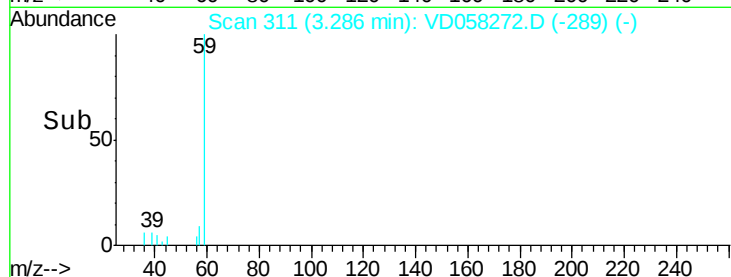
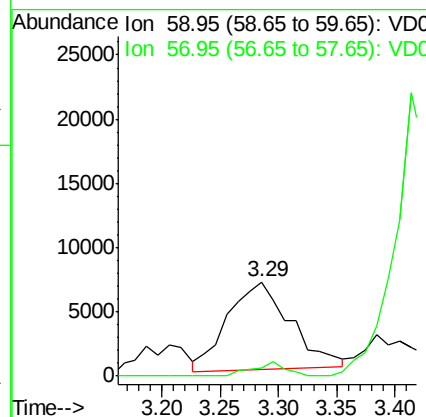
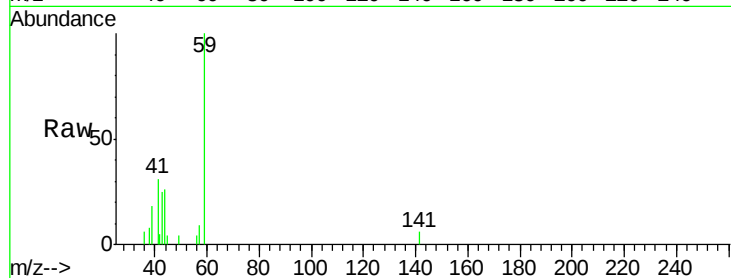


#11

Tert butyl alcohol
Concen: 86.01 ug/l
RT: 3.29 min Scan# 311
Delta R.T. 0.02 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBS02

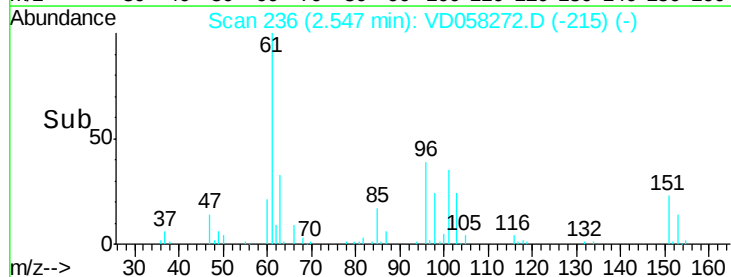
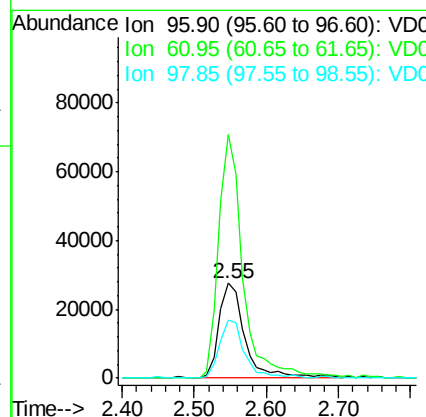
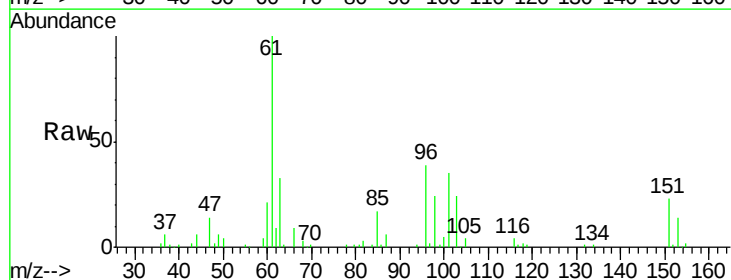
Tot Ion: 59 Resp: 25716
Ion Ratio Lower Upper
59 100
57 8.7 6.2 9.4

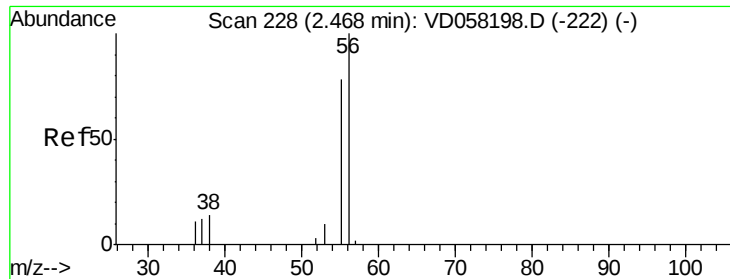


#12

1,1-Dichloroethene
Concen: 22.20 ug/l
RT: 2.55 min Scan# 236
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 96 Resp: 68441
Ion Ratio Lower Upper
96 100
61 257.3 193.9 290.9
98 61.4 51.7 77.5





#13

Acrolein

Concen: 101.96 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

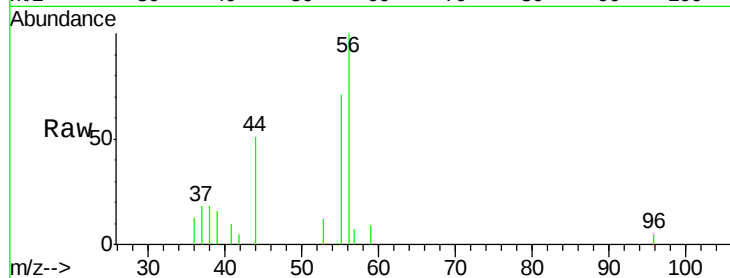
VD0621SBS02

Tot Ion: 56 Resp: 17402

Ion Ratio Lower Upper

56 100

55 71.4 62.1 93.1



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.48

8000

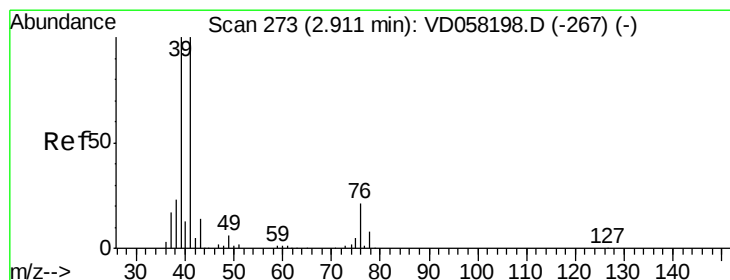
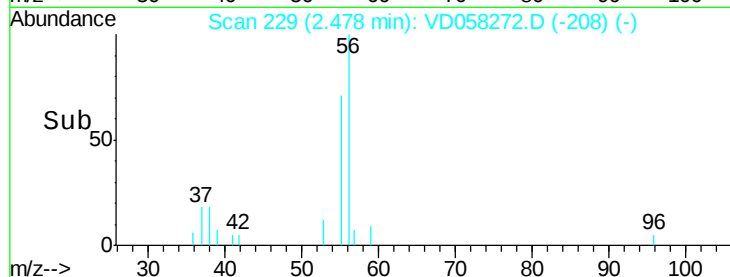
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 20.26 ug/l

RT: 2.92 min Scan# 274

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

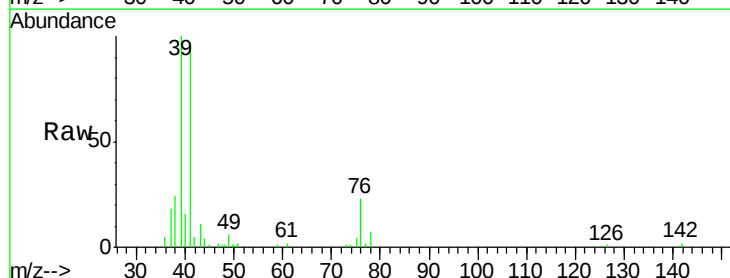
Tgt Ion: 41 Resp: 145365

Ion Ratio Lower Upper

41 100

39 102.6 80.1 120.1

76 23.9 19.4 29.2



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

120000

100000

80000

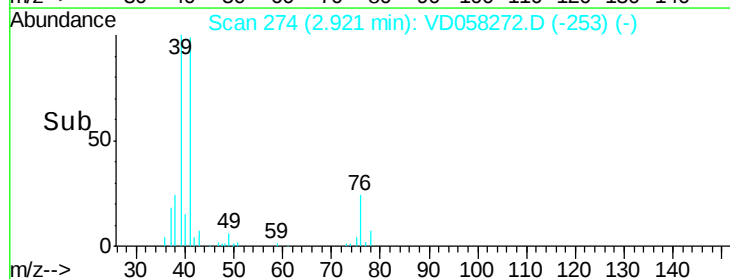
60000

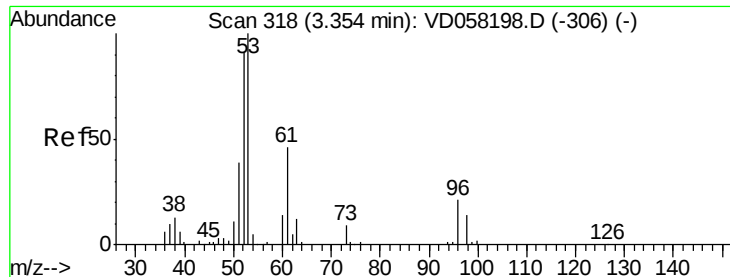
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 117.13 ug/l

RT: 3.36 min Scan# 319

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBS02

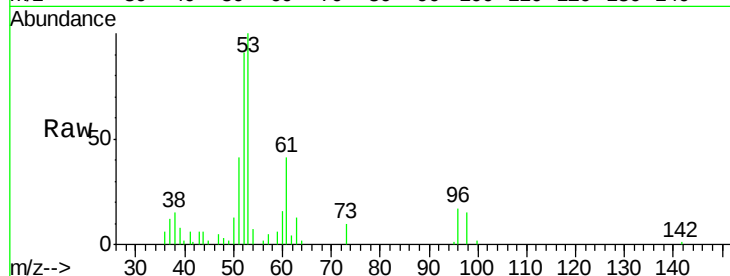
Tot Ion: 53 Resp: 92861

Ion Ratio Lower Upper

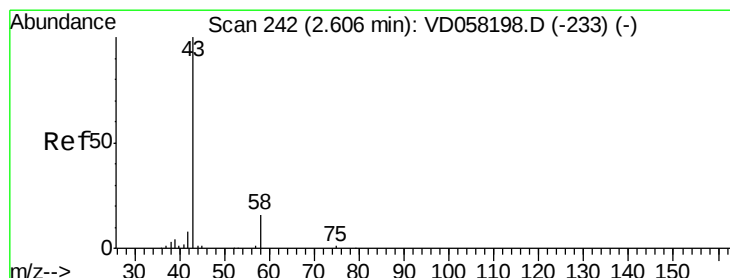
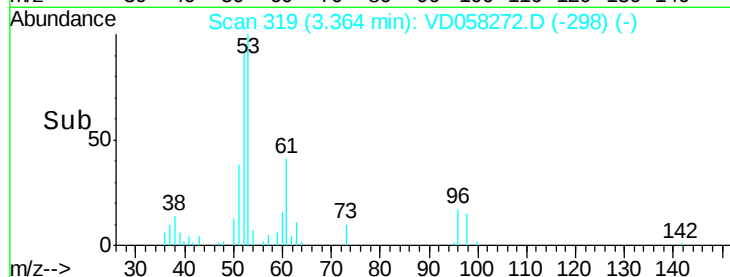
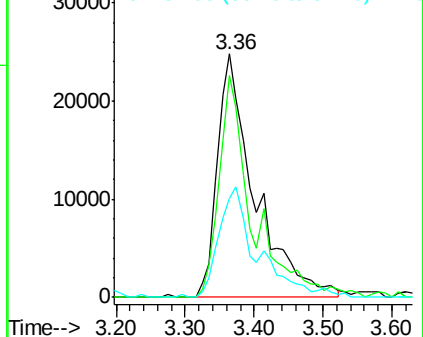
53 100

52 91.2 72.6 108.8

51 40.7 32.2 48.4



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: 92.18 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058272.D

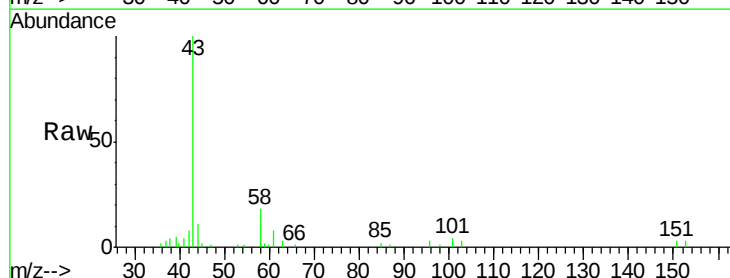
Acq: 22 Jun 2018 2:27

Tgt Ion: 43 Resp: 114275

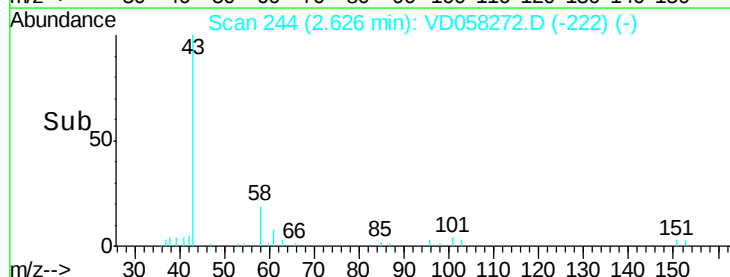
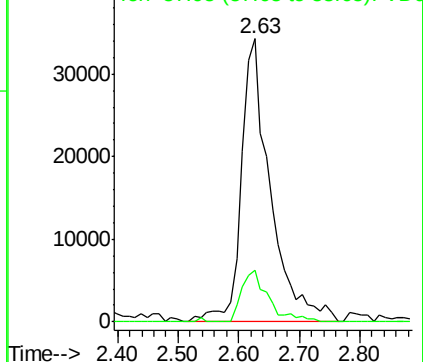
Ion Ratio Lower Upper

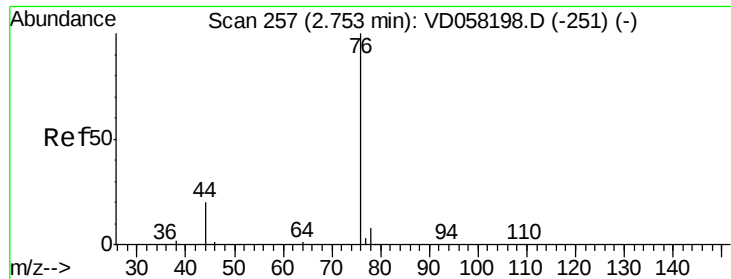
43 100

58 18.5 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

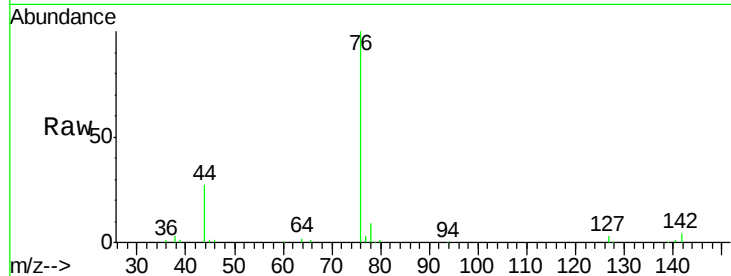




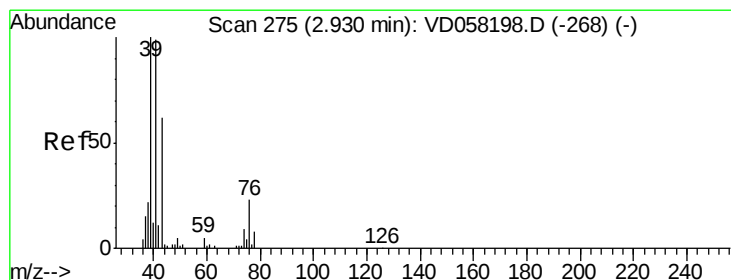
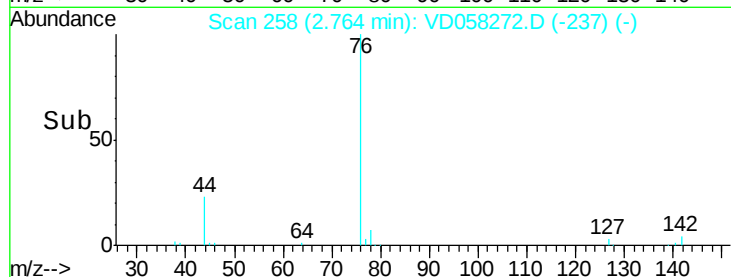
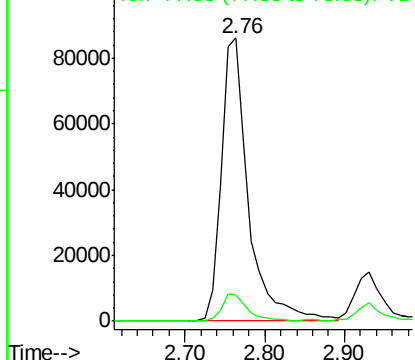
#17
Carbon Disulfide
Concen: 19.64 ug/l
RT: 2.76 min Scan# 258
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD02

Tot Ion: 76 Resp: 206014
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

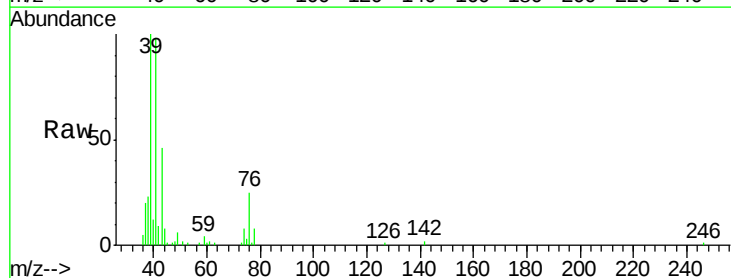


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

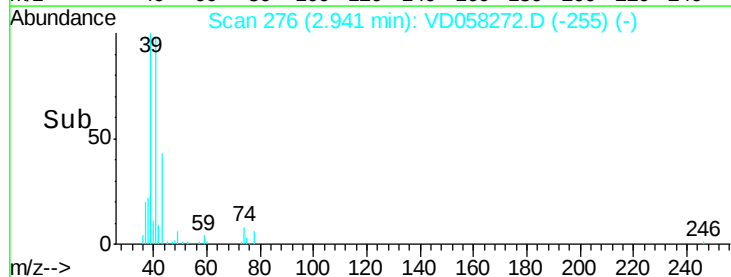
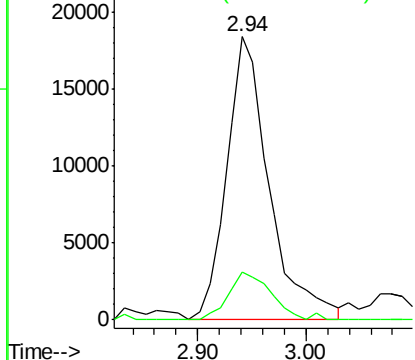


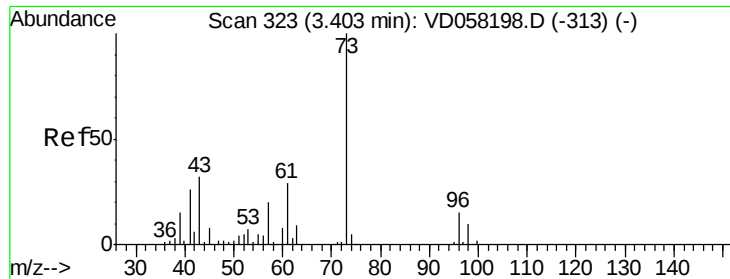
#18
Methyl Acetate
Concen: 19.02 ug/l
RT: 2.94 min Scan# 276
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 43 Resp: 50299
Ion Ratio Lower Upper
43 100
74 16.8 11.7 17.5



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

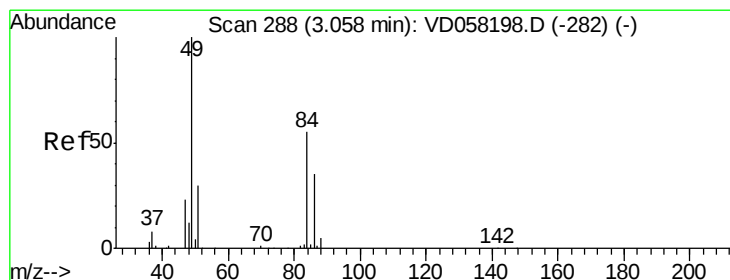
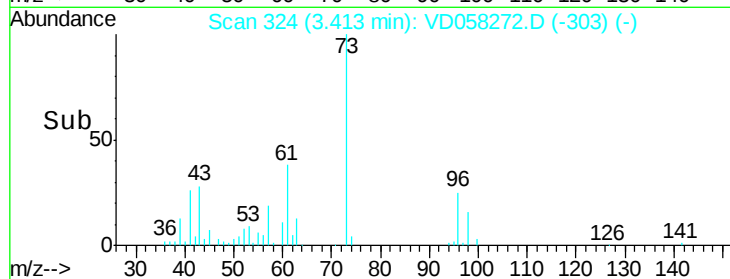
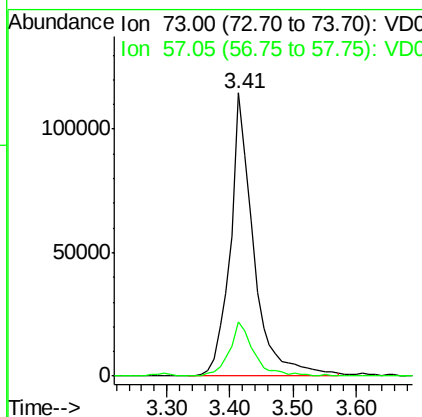
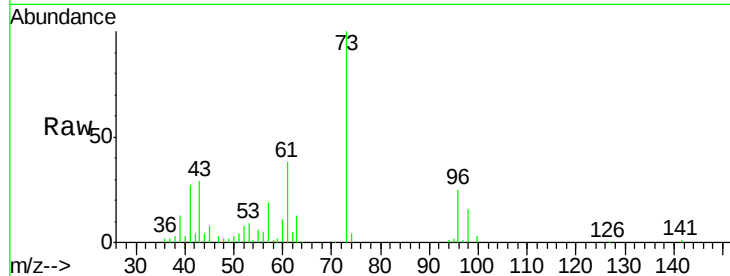




#19
Methyl tert-butyl Ether
Concen: 35.83 ug/l
RT: 3.41 min Scan# 324
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

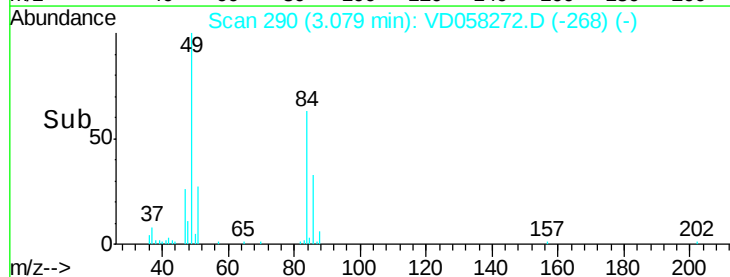
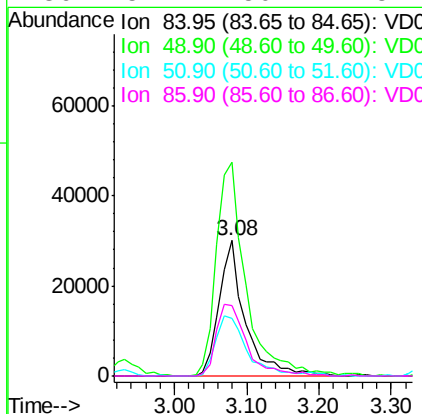
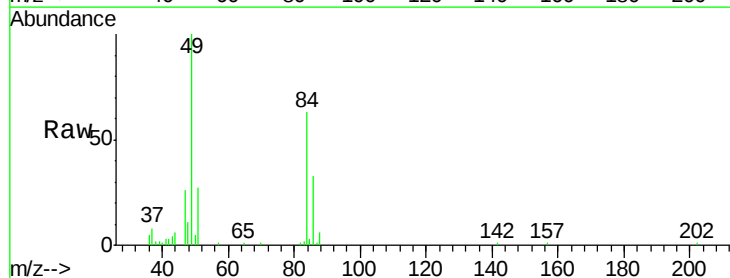
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBS02

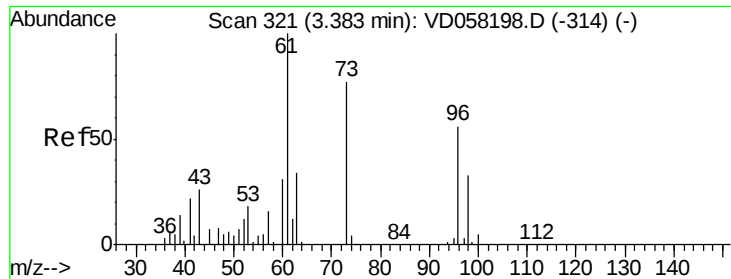
Tot Ion: 73 Resp: 292988
Ion Ratio Lower Upper
73 100
57 19.2 16.6 24.8



#20
Methylene Chloride
Concen: 20.45 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 84 Resp: 75301
Ion Ratio Lower Upper
84 100
49 157.6 145.0 217.6
51 42.5 42.9 64.3#
86 52.2 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 28.38 ug/l

RT: 3.41 min Scan# 324

Delta R.T. 0.03 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

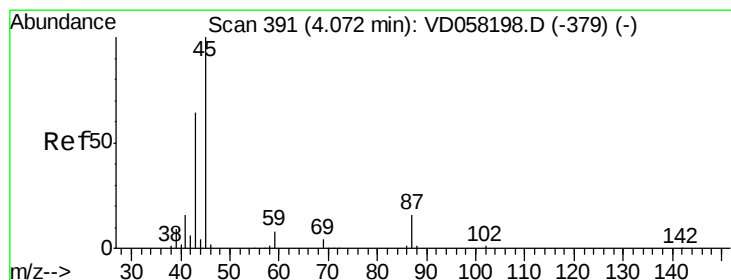
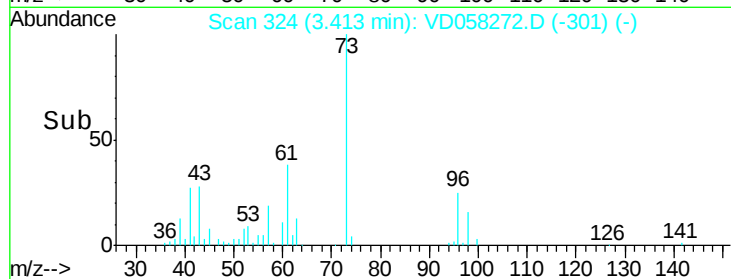
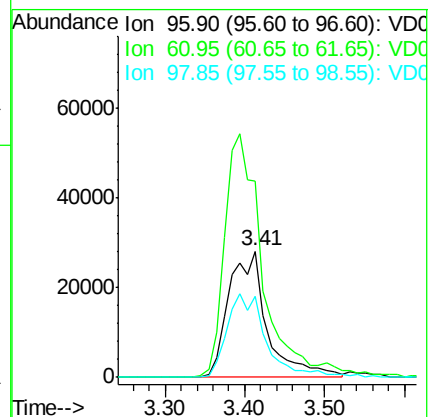
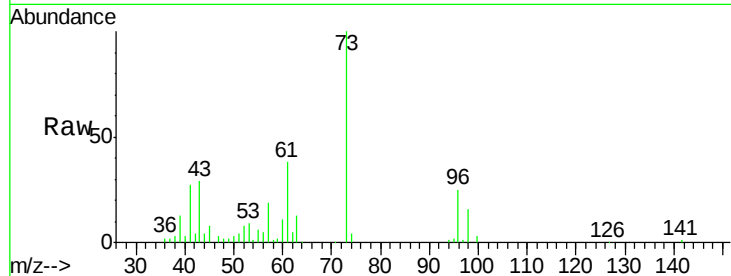
Tot Ion: 96 Resp: 95652

Ion Ratio Lower Upper

96 100

61 155.9 143.8 215.6

98 64.4 48.0 72.0



#22

Diisopropyl ether

Concen: 20.80 ug/l

RT: 4.08 min Scan# 392

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Tgt Ion: 45 Resp: 592968

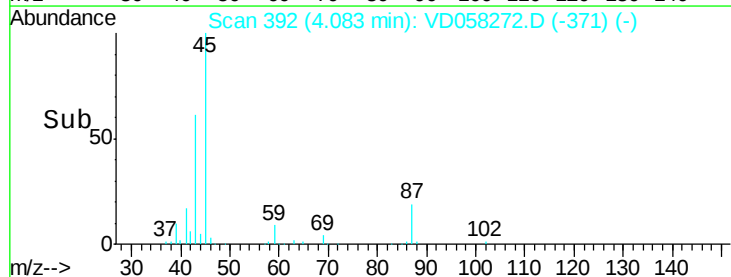
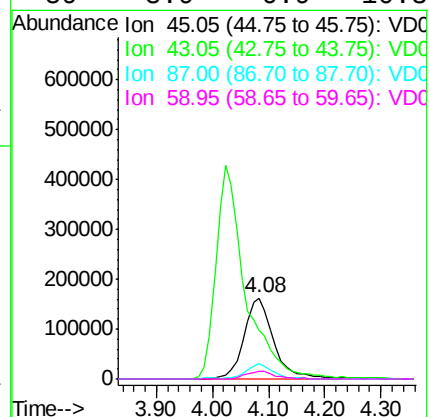
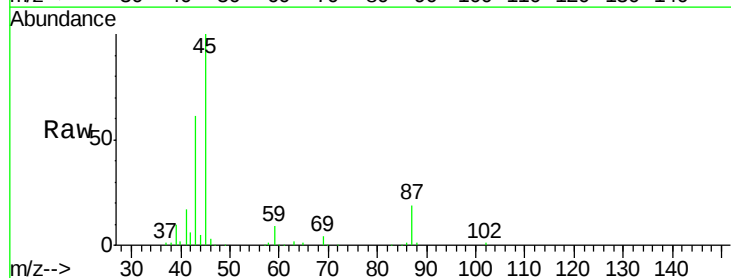
Ion Ratio Lower Upper

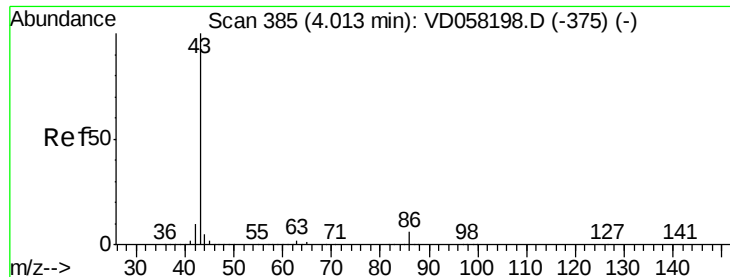
45 100

43 60.8 51.4 77.0

87 18.9 13.0 19.4

59 8.9 6.9 10.3

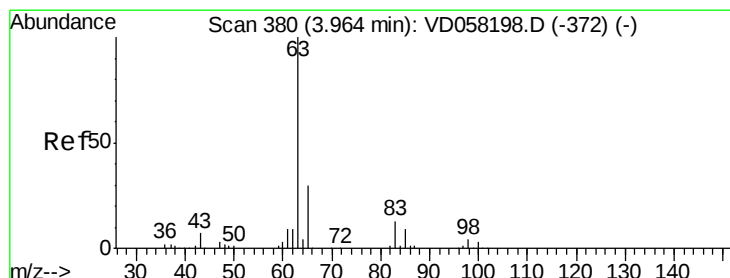
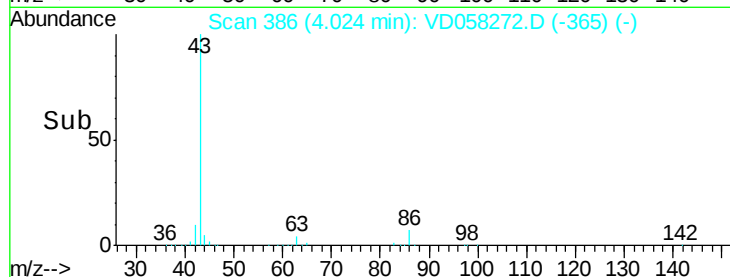
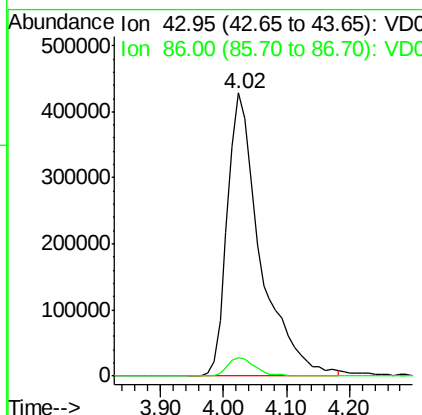
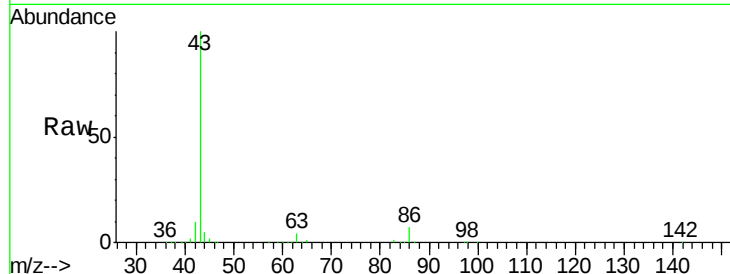




#23
 Vinyl Acetate
 Concen: 102.22 ug/l
 RT: 4.02 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

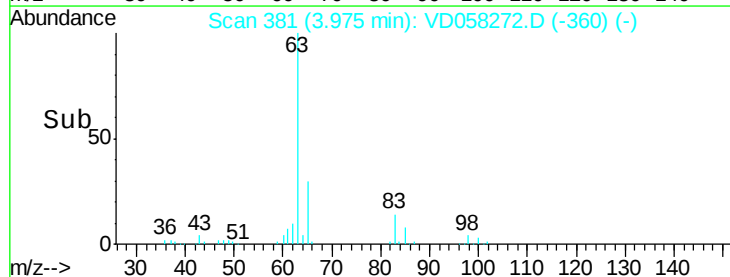
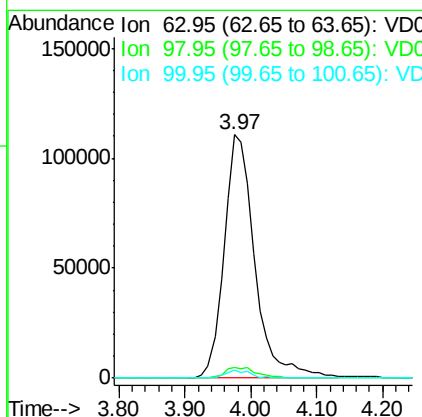
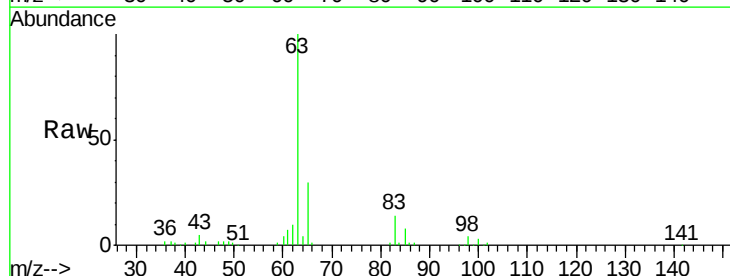
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBSD02

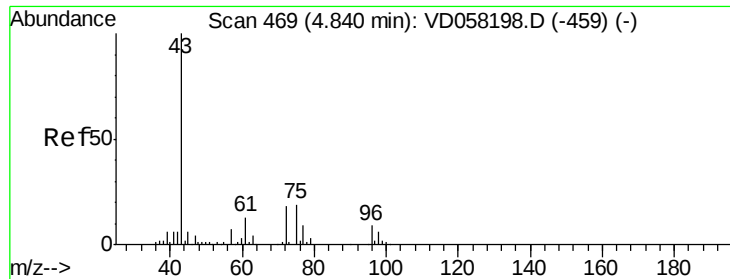
Tot Ion: 43 Resp: 1561856
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.0 7.4



#24
 1,1-Dichloroethane
 Concen: 23.47 ug/l
 RT: 3.97 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion: 63 Resp: 360327
 Ion Ratio Lower Upper
 63 100
 98 4.4 1.9 5.7
 100 3.1 1.3 3.9





#25

2-Butanone

Concen: 98.68 ug/l

RT: 4.85 min Scan# 470

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

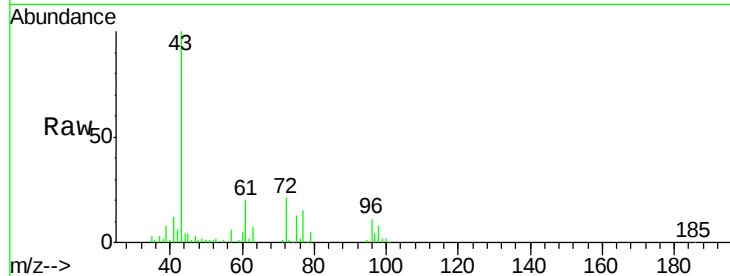
VD0621SBSD02

Tot Ion: 43 Resp: 266635

Ion Ratio Lower Upper

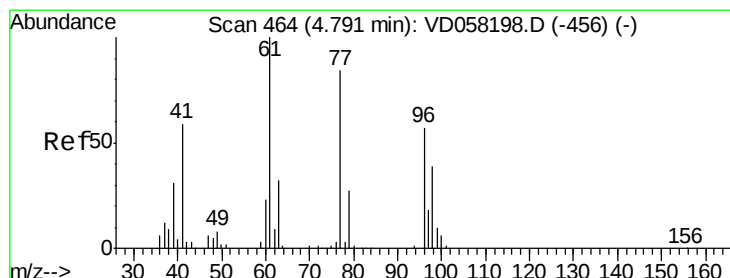
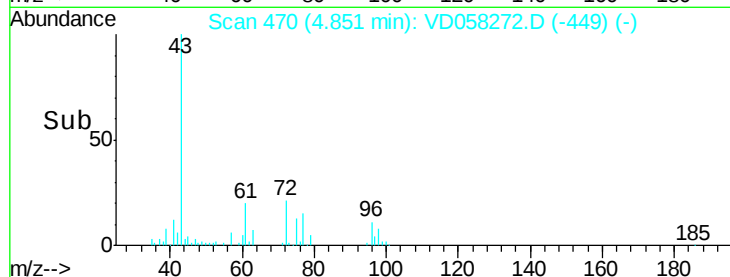
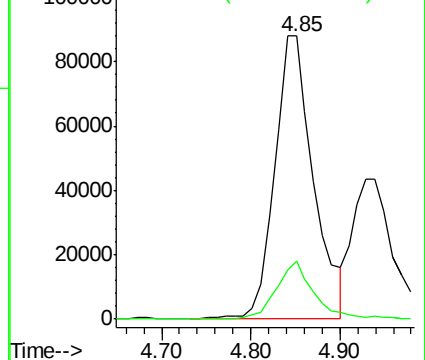
43 100

72 20.7 14.1 21.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.92 ug/l

RT: 4.80 min Scan# 465

Delta R.T. 0.01 min

Lab File: VD058272.D

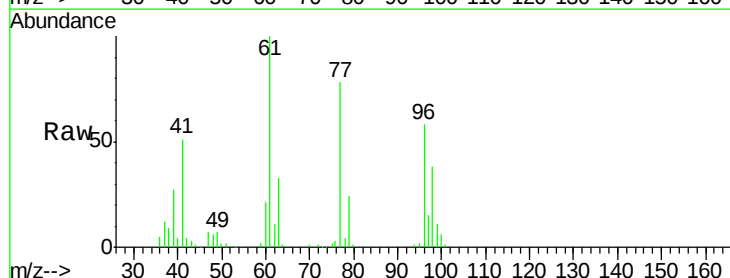
Acq: 22 Jun 2018 2:27

Tgt Ion: 77 Resp: 256147

Ion Ratio Lower Upper

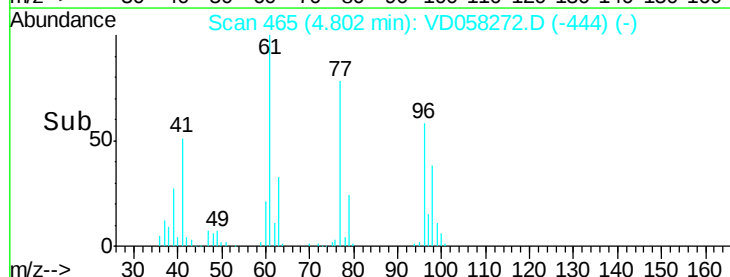
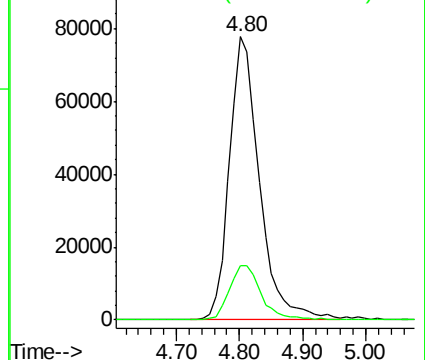
77 100

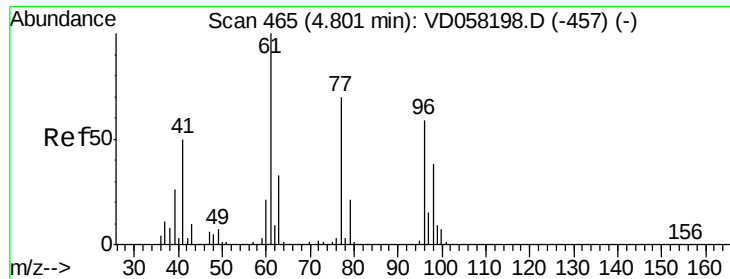
97 19.0 10.5 31.6



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: 23.69 ug/l

RT: 4.81 min Scan# 466

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

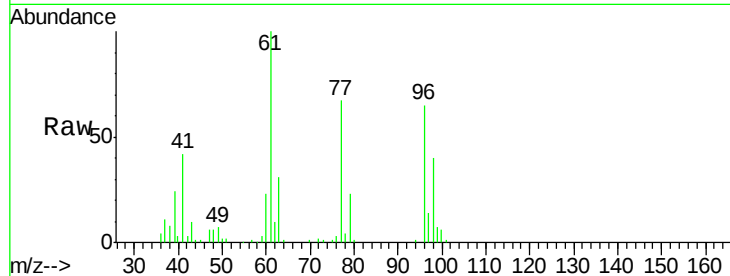
Tot Ion: 96 Resp: 199513

Ion Ratio Lower Upper

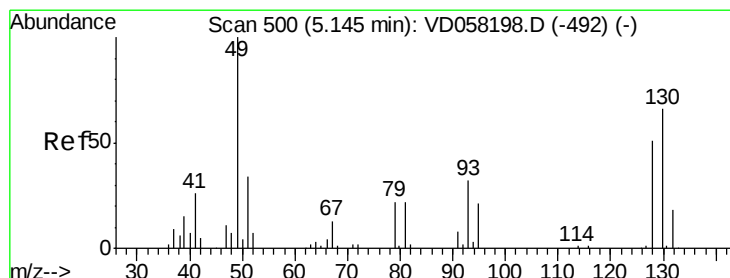
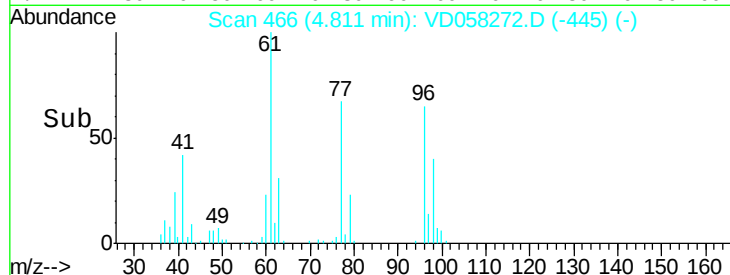
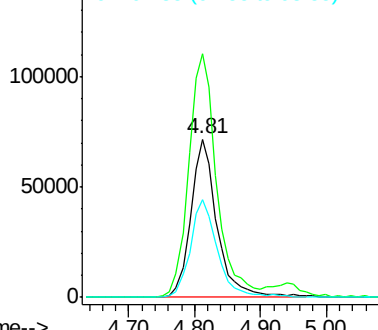
96 100

61 154.0 0.0 338.6

98 62.1 0.0 130.2



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



#28

Bromochloromethane

Concen: 22.78 ug/l

RT: 5.16 min Scan# 501

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

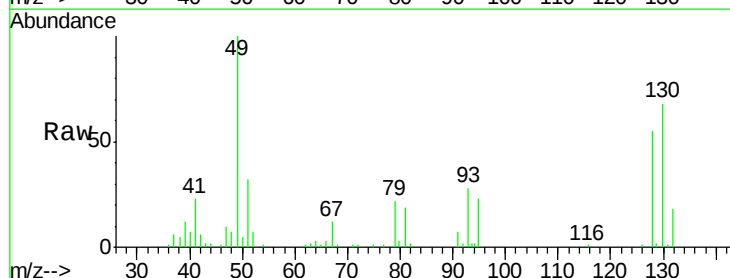
Tgt Ion: 49 Resp: 156812

Ion Ratio Lower Upper

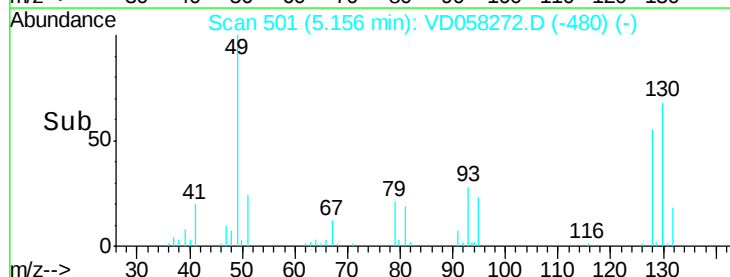
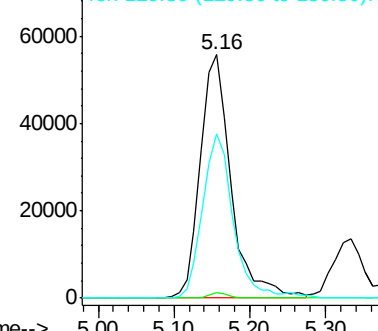
49 100

129 2.2 0.0 0.0#

130 67.6 52.6 79.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

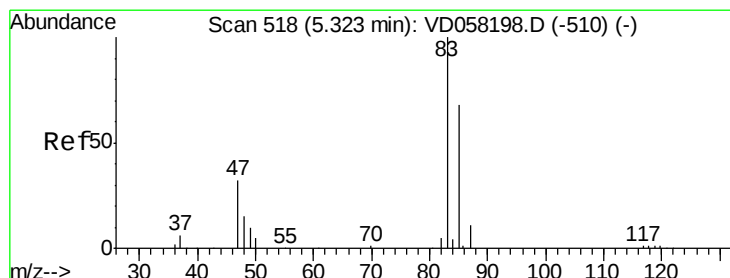
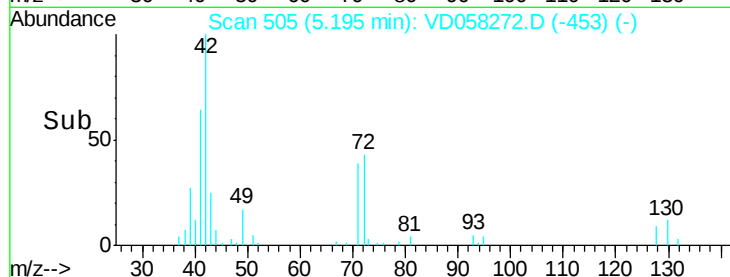
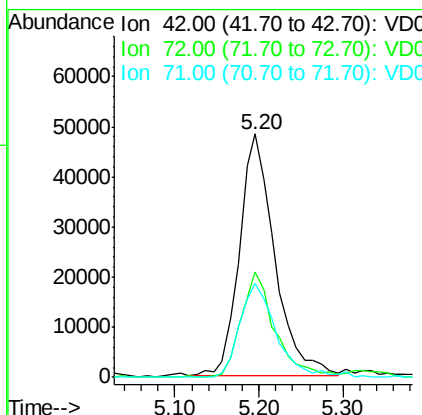
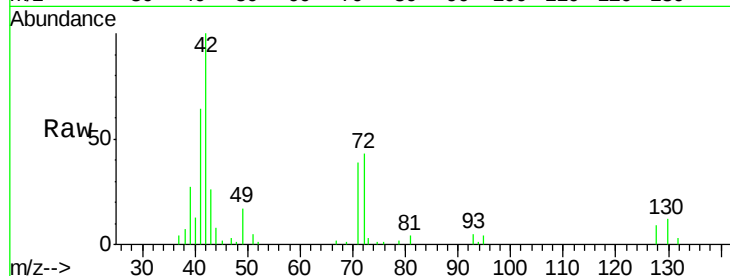




#29
Tetrahydrofuran
Concen: 97.42 ug/l
RT: 5.20 min Scan# 505
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

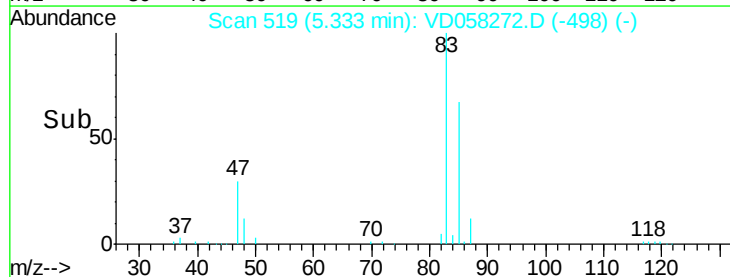
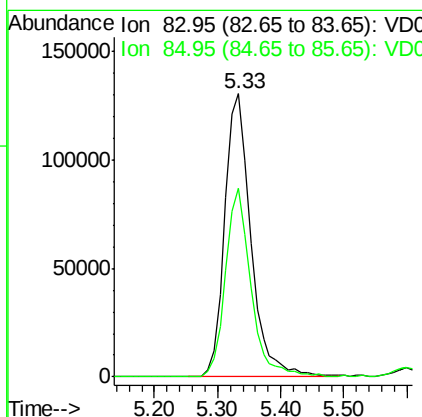
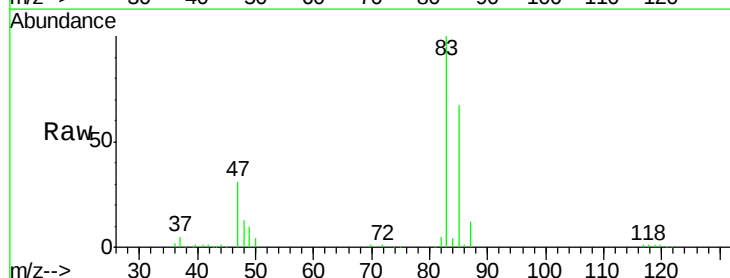
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBS02

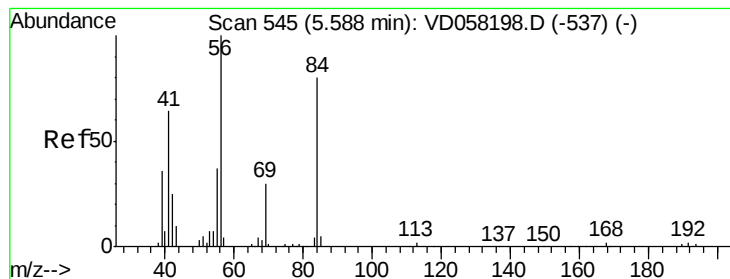
Tot Ion: 42 Resp: 140118
Ion Ratio Lower Upper
42 100
72 42.3 30.2 45.2
71 40.6 30.1 45.1



#30
Chloroform
Concen: 23.24 ug/l
RT: 5.33 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 83 Resp: 376821
Ion Ratio Lower Upper
83 100
85 66.9 54.8 82.2





#31

Cyclohexane

Concen: 21.28 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBS02

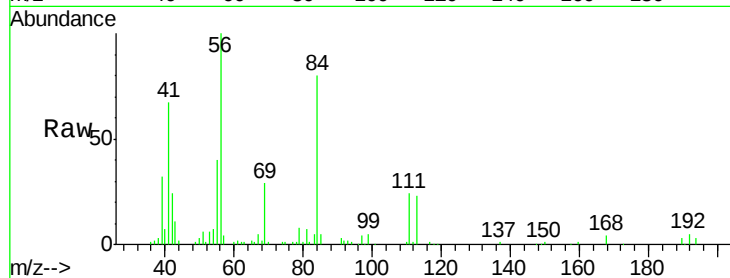
Tot Ion: 56 Resp: 270739

Ion Ratio Lower Upper

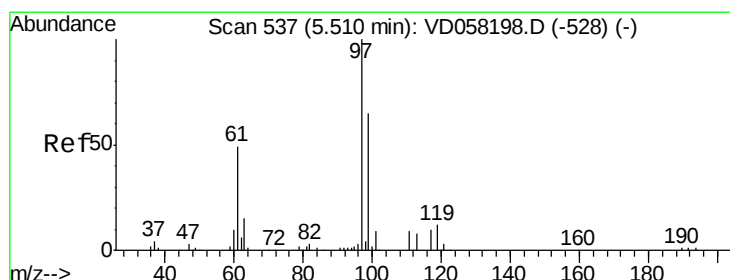
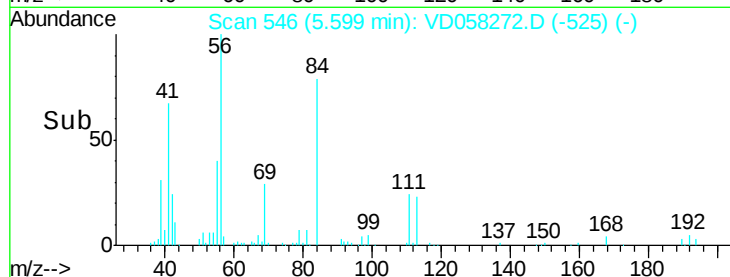
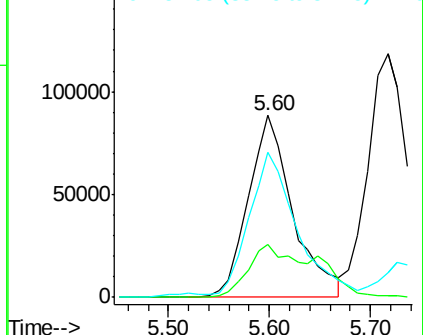
56 100

69 28.8 23.6 35.4

84 79.7 65.2 97.8



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



#32

1,1,1-Trichloroethane

Concen: 21.96 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

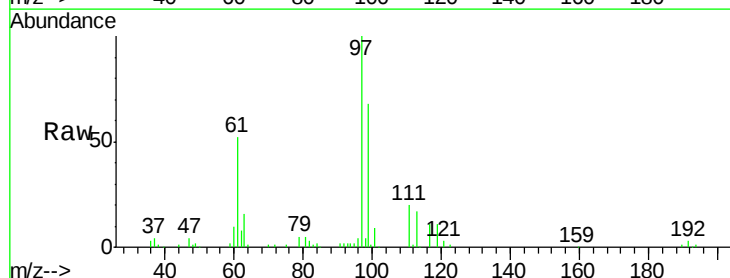
Tgt Ion: 97 Resp: 294181

Ion Ratio Lower Upper

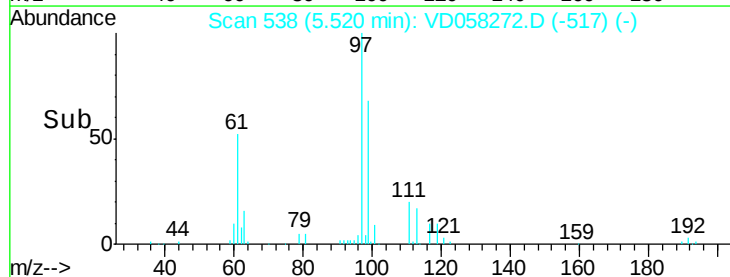
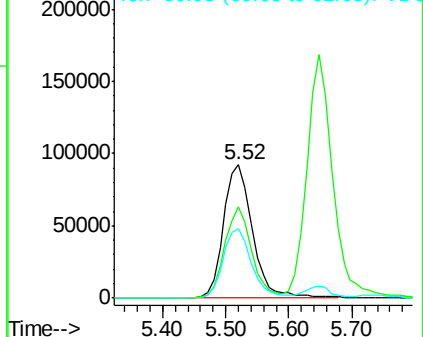
97 100

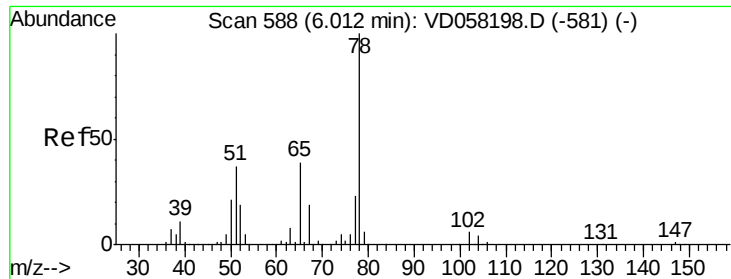
99 68.4 52.2 78.4

61 52.4 39.0 58.4



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 21.96 ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

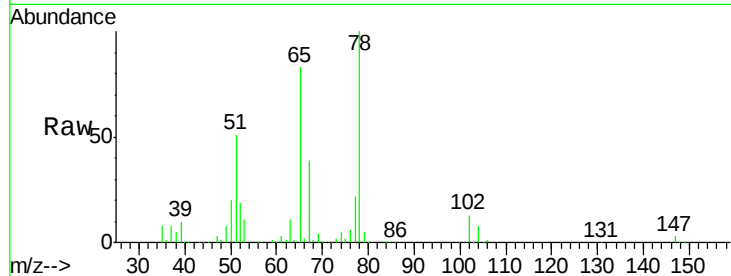
VD0621SBSD02

Tot Ion: 65 Resp: 480191

Ion Ratio Lower Upper

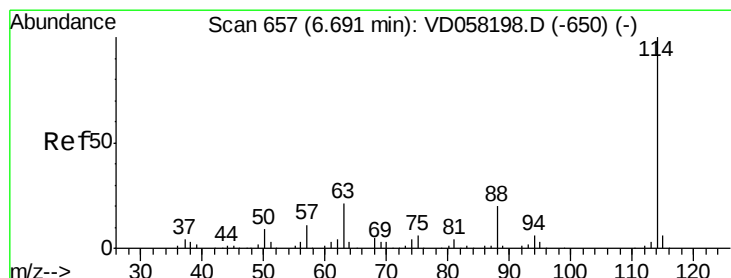
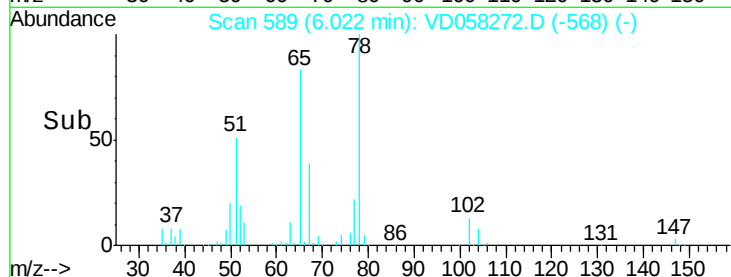
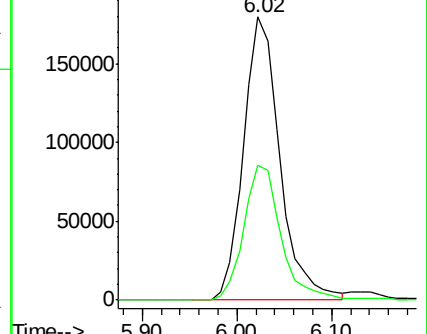
65 100

67 47.8 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.70 min Scan# 658

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

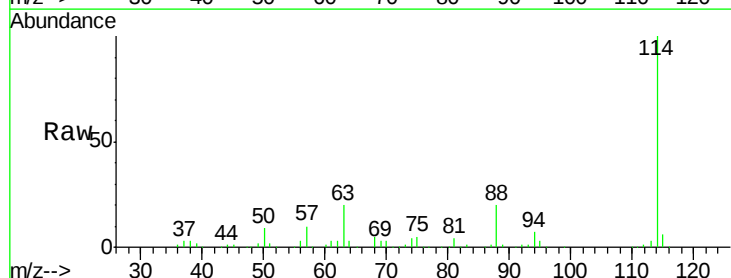
Tgt Ion: 114 Resp: 1195413

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

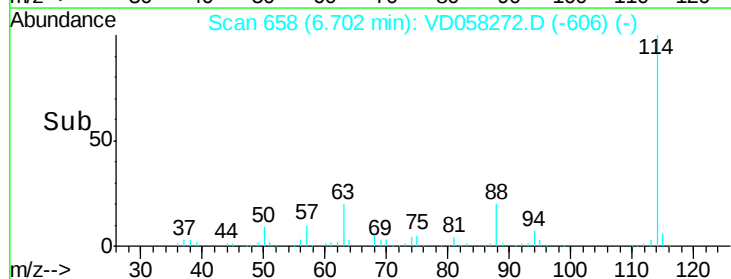
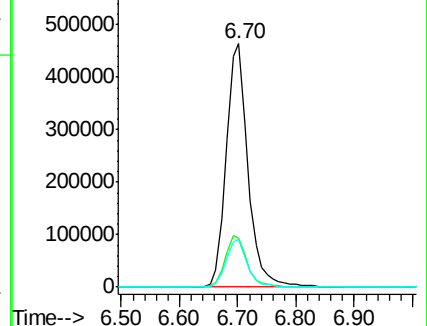
88 19.8 0.0 40.6

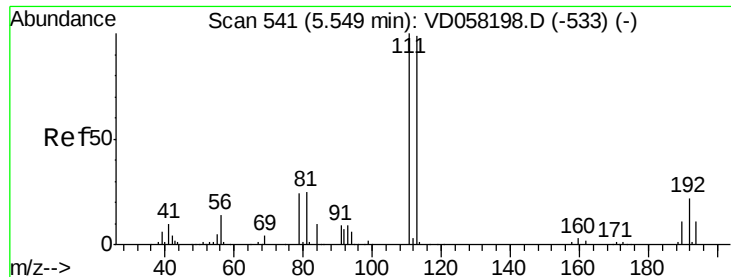


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

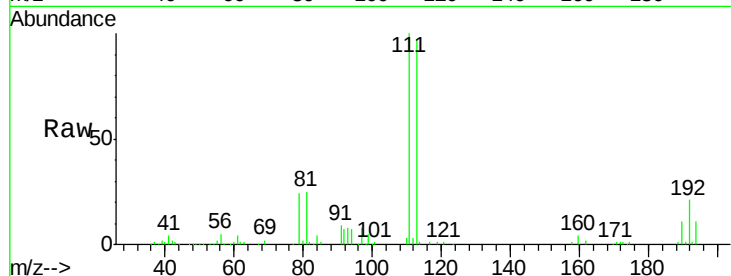




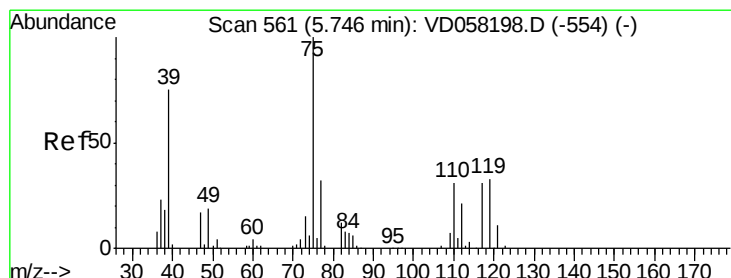
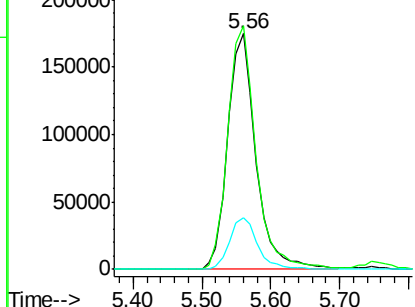
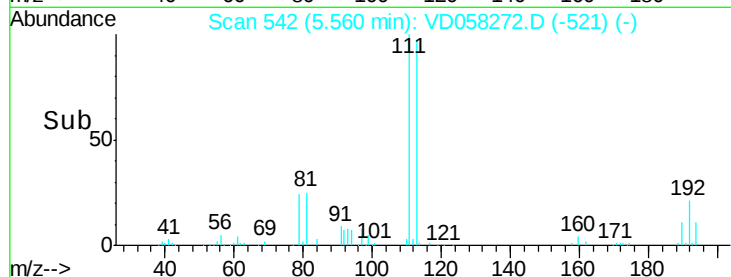
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD02

Tot Ion:113 Resp: 496761
Ion Ratio Lower Upper
113 100
111 103.3 80.6 121.0
192 21.7 17.8 26.6

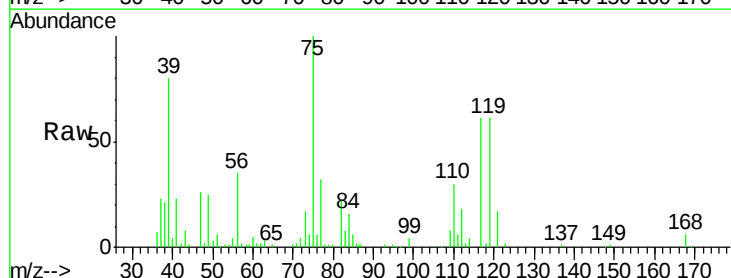


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

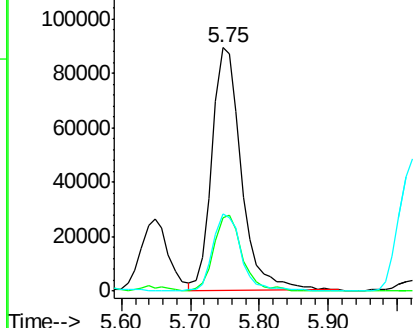
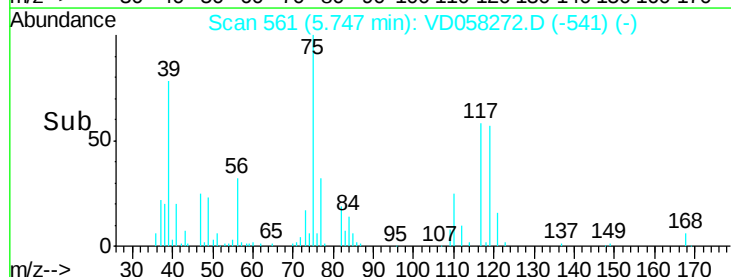


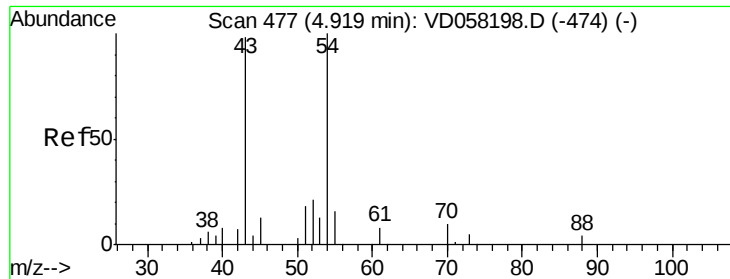
#36
1,1-Dichloropropene
Concen: 22.28 ug/l
RT: 5.75 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 75 Resp: 263438
Ion Ratio Lower Upper
75 100
110 30.2 15.4 46.4
77 31.8 25.4 38.2



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

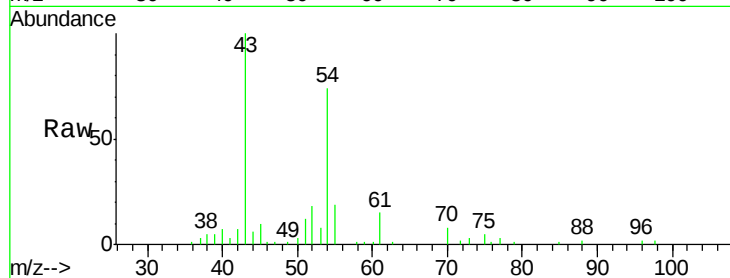




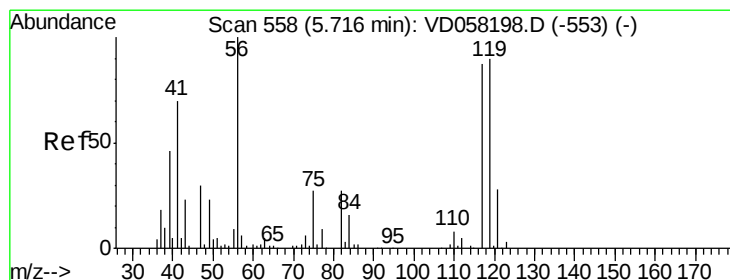
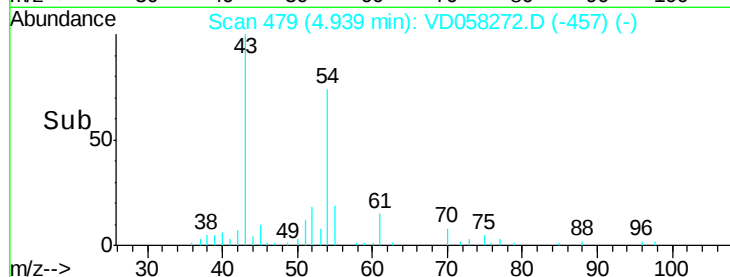
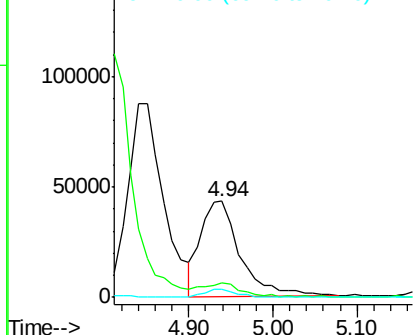
#37
Ethyl Acetate
Concen: 20.55 ug/l
RT: 4.94 min Scan# 479
Delta R.T. 0.02 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD02

Tot Ion: 43 Resp: 138488
Ion Ratio Lower Upper
43 100
61 15.0 10.3 15.5
70 8.3 5.7 8.5

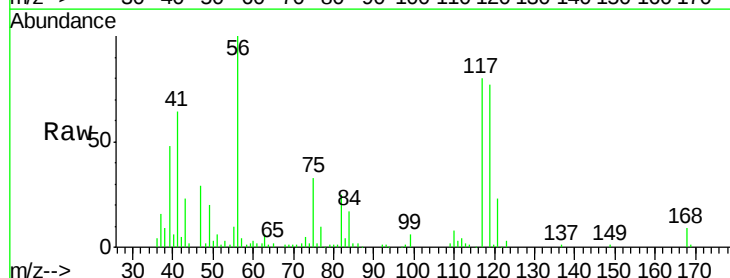


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

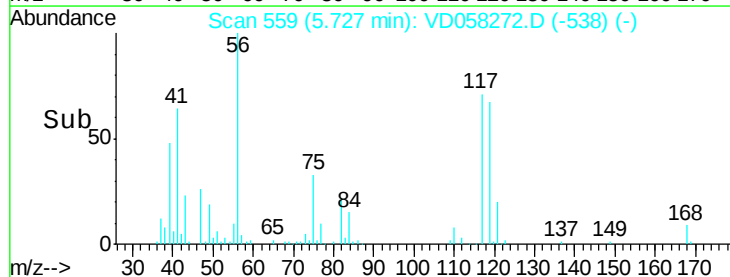
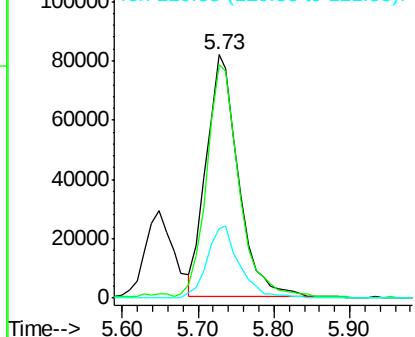


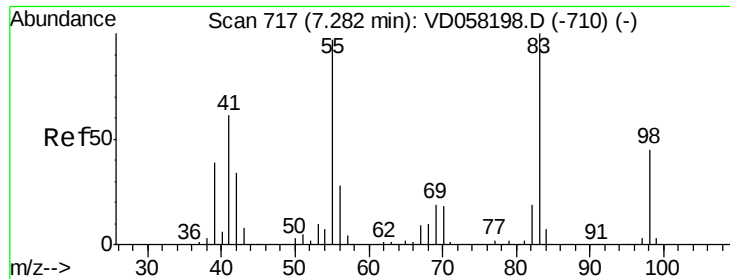
#38
Carbon Tetrachloride
Concen: 20.54 ug/l
RT: 5.73 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 117 Resp: 241369
Ion Ratio Lower Upper
117 100
119 96.0 78.8 118.2
121 28.4 25.0 37.6



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

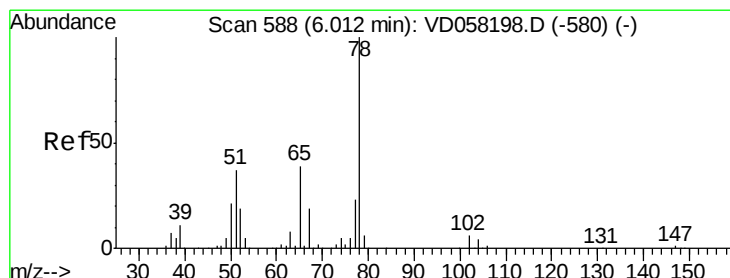
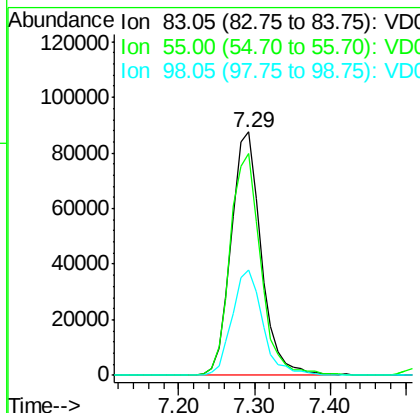
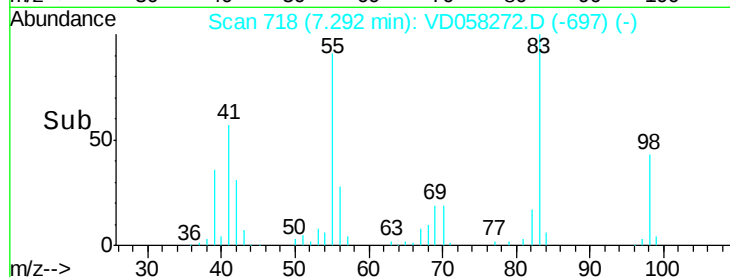
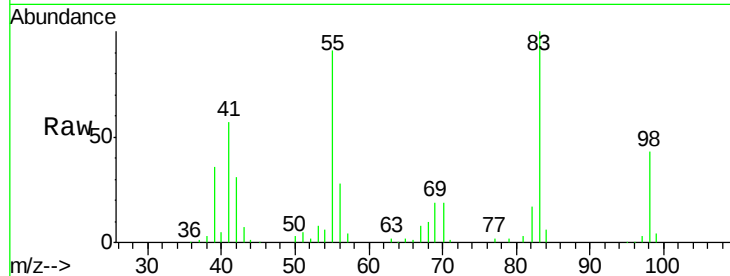




#39
Methylcyclohexane
Concen: 20.83 ug/l
RT: 7.29 min Scan# 718
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

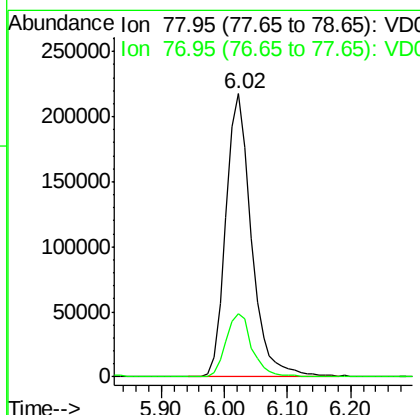
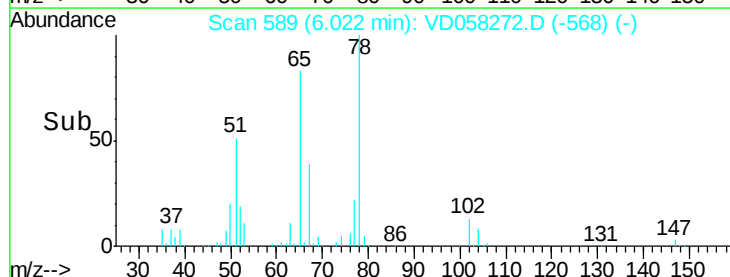
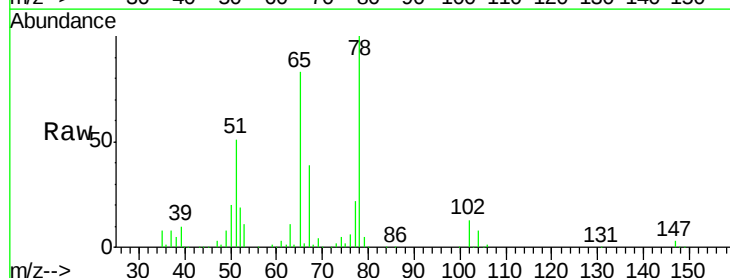
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBS02

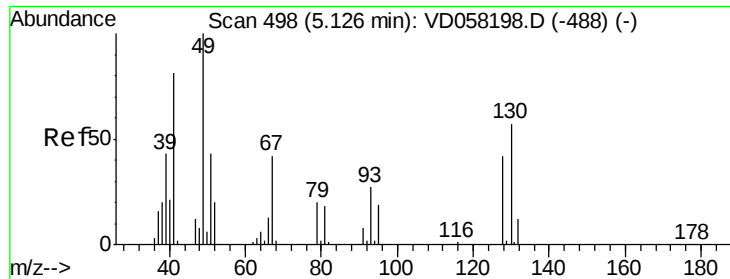
Tot Ion: 83 Resp: 239977
Ion Ratio Lower Upper
83 100
55 91.1 77.4 116.2
98 43.1 35.9 53.9



#40
Benzene
Concen: 21.74 ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 78 Resp: 612439
Ion Ratio Lower Upper
78 100
77 22.4 18.5 27.7





#41

Methacrylonitrile

Concen: 19.16 ug/l

RT: 5.14 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

Tot Ion: 41 Resp: 62330

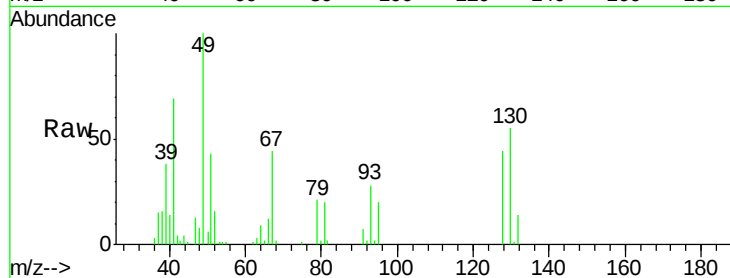
Ion Ratio Lower Upper

41 100

39 55.6 43.4 65.2

67 63.6 41.7 62.5#

52 23.1 20.6 30.8

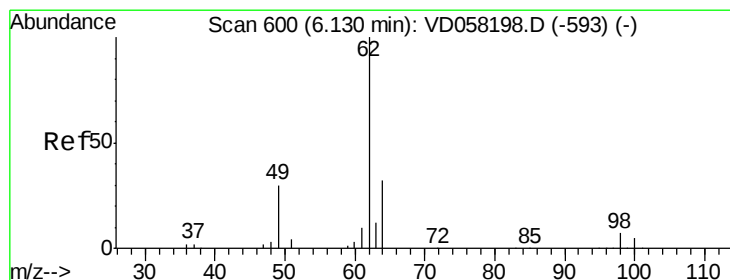
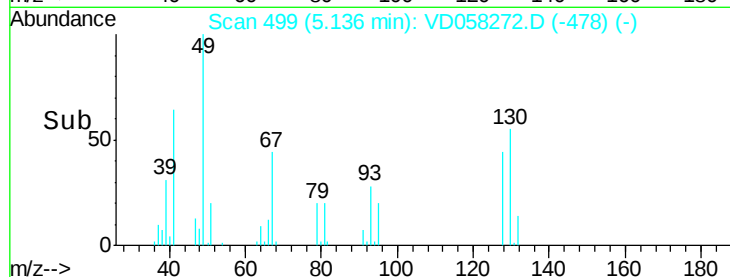
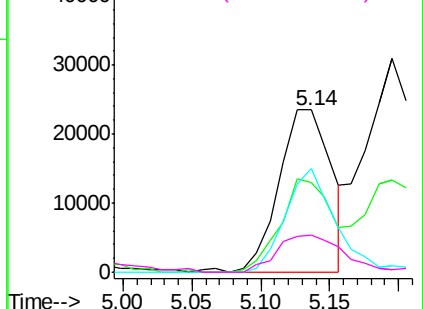


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 21.35 ug/l

RT: 6.14 min Scan# 601

Delta R.T. 0.01 min

Lab File: VD058272.D

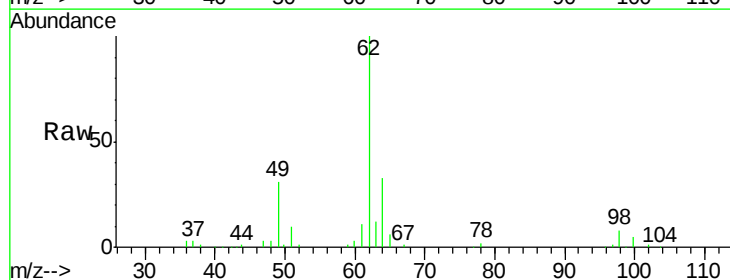
Acq: 22 Jun 2018 2:27

Tgt Ion: 62 Resp: 242516

Ion Ratio Lower Upper

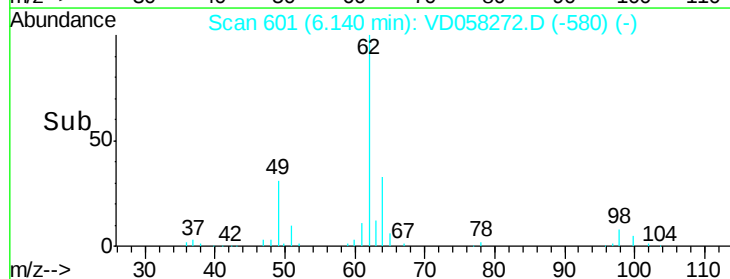
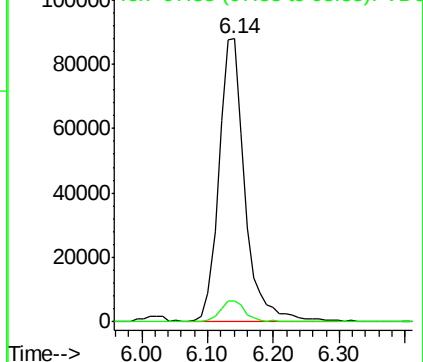
62 100

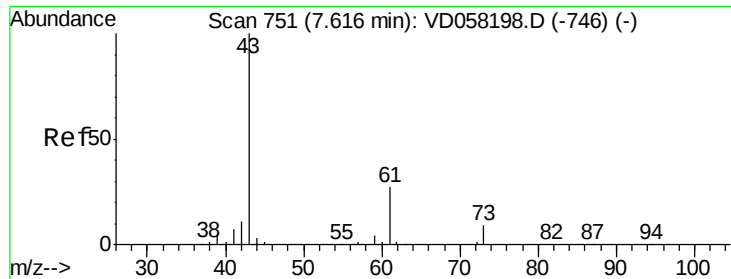
98 7.5 0.0 13.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



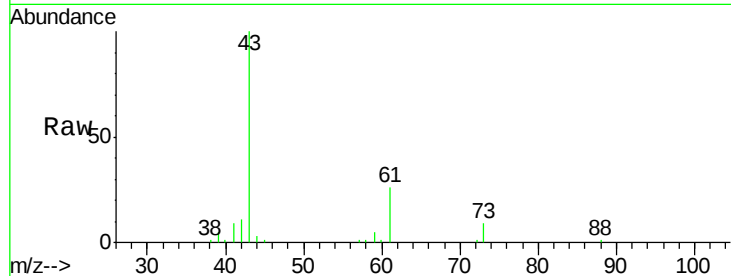


#43

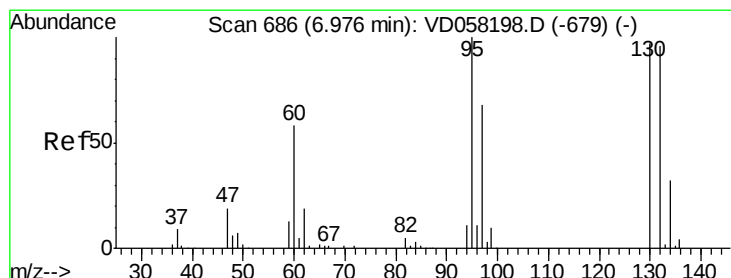
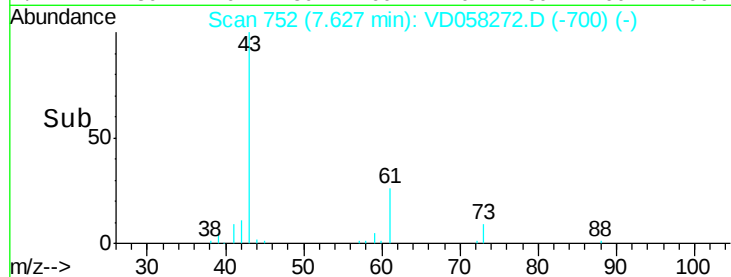
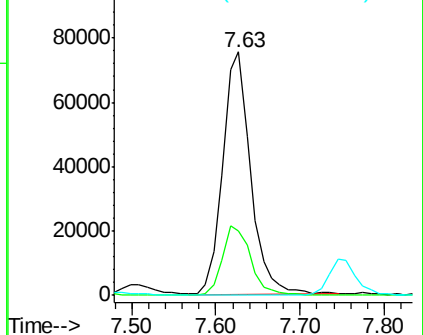
Isopropyl Acetate
 Concen: 19.42 ug/l
 RT: 7.63 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS02

Tot Ion: 43 Resp: 174408
 Ion Ratio Lower Upper
 43 100
 61 26.5 21.8 32.6
 87 0.0 0.3 0.5#



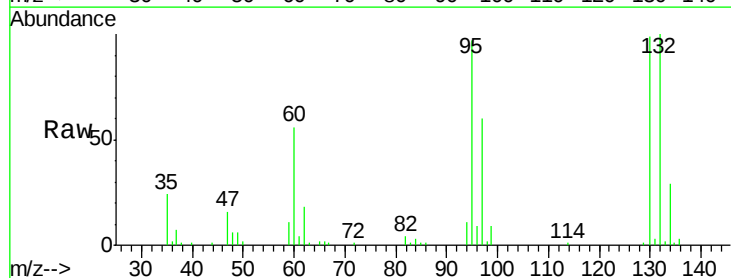
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



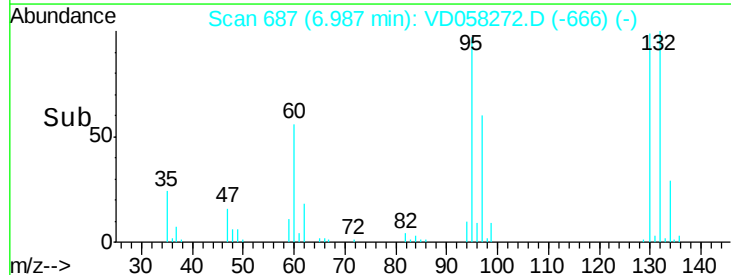
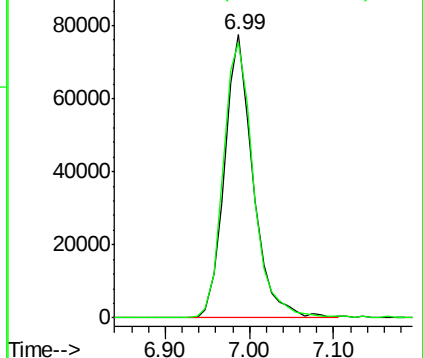
#44

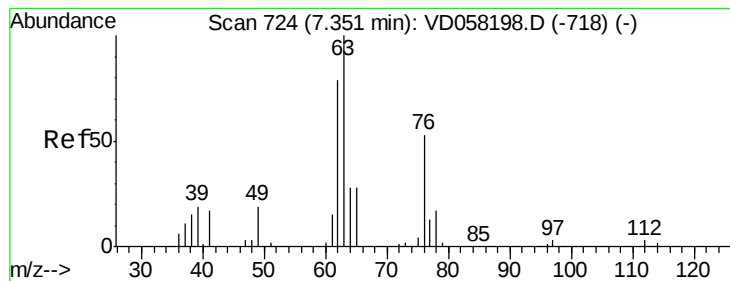
Trichloroethene
 Concen: 21.52 ug/l
 RT: 6.99 min Scan# 687
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion: 130 Resp: 182032
 Ion Ratio Lower Upper
 130 100
 95 97.6 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.91 ug/l

RT: 7.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

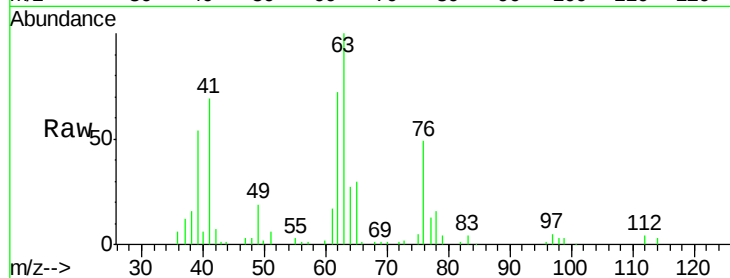
VD0621SBS02

Tot Ion: 63 Resp: 166244

Ion Ratio Lower Upper

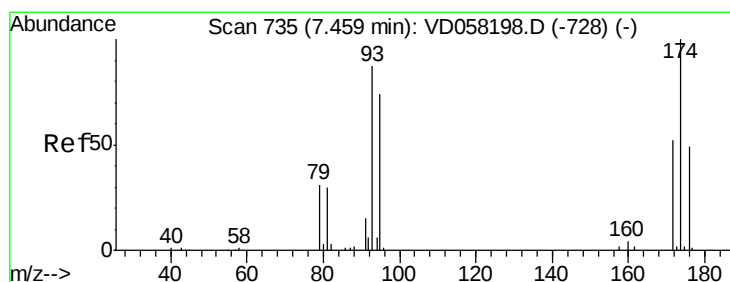
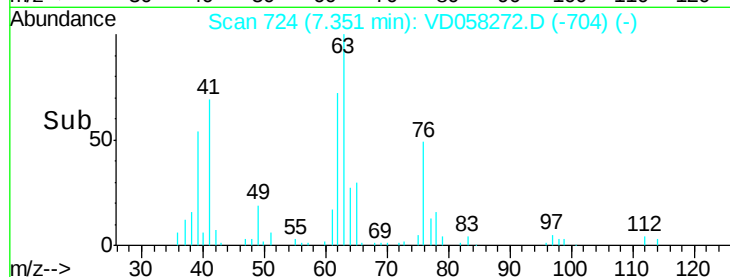
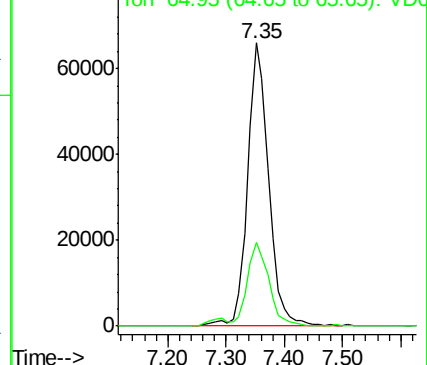
63 100

65 29.7 24.0 36.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.98 ug/l

RT: 7.47 min Scan# 736

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

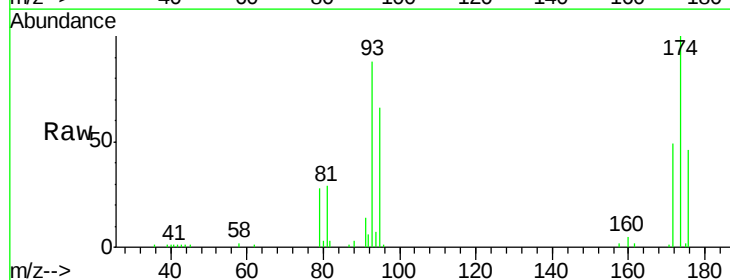
Tgt Ion: 93 Resp: 108642

Ion Ratio Lower Upper

93 100

95 75.1 67.8 101.6

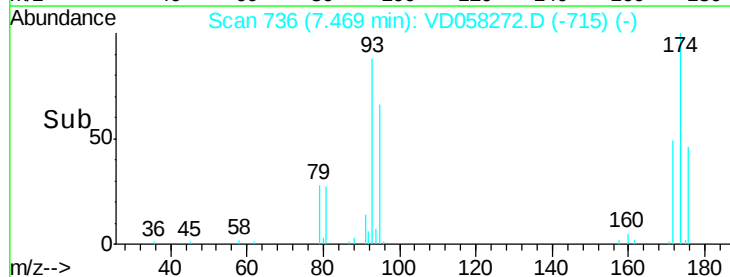
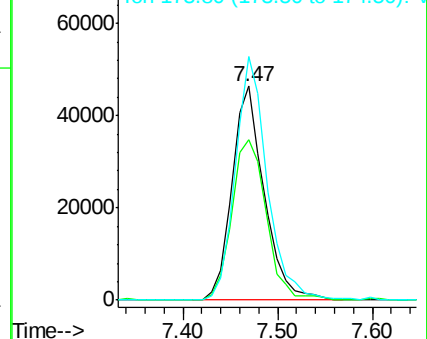
174 114.0 92.2 138.2

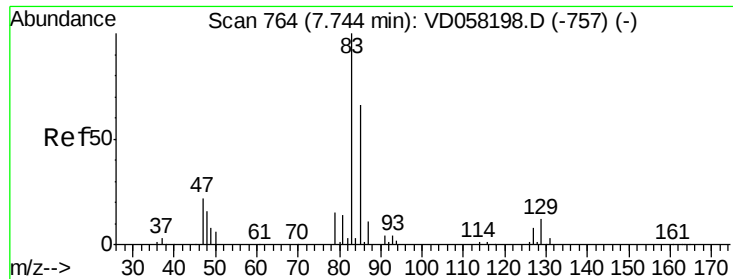


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 21.71 ug/l

RT: 7.75 min Scan# 764

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBS02

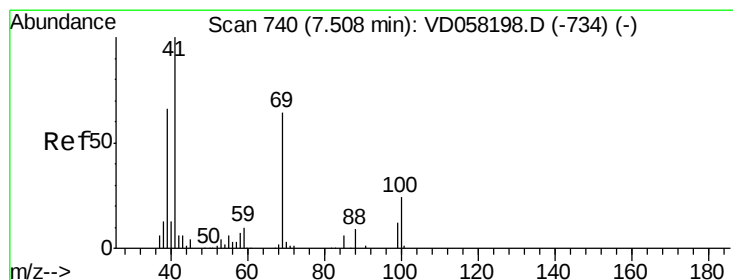
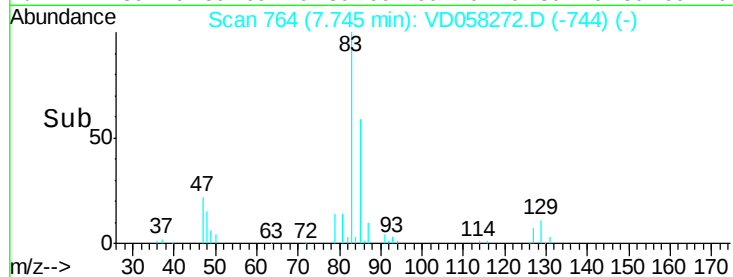
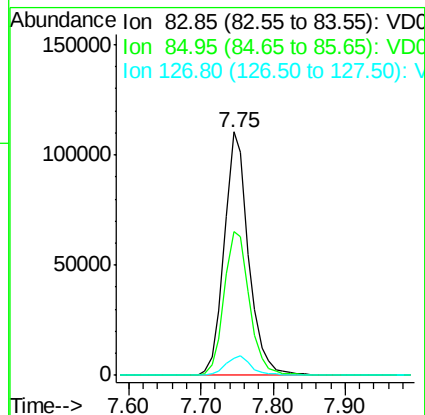
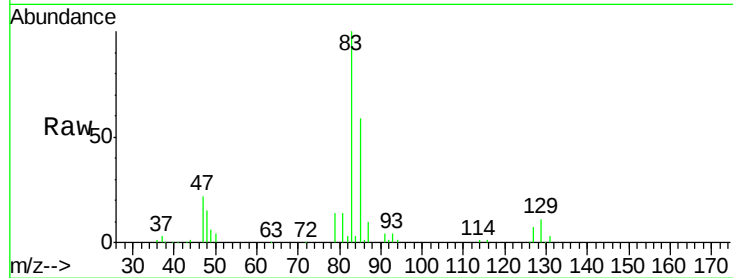
Tot Ion: 83 Resp: 256366

Ion Ratio Lower Upper

83 100

85 59.0 52.6 78.8

127 7.1 6.2 9.4



#48

Methyl methacrylate

Concen: 18.65 ug/l

RT: 7.51 min Scan# 740

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

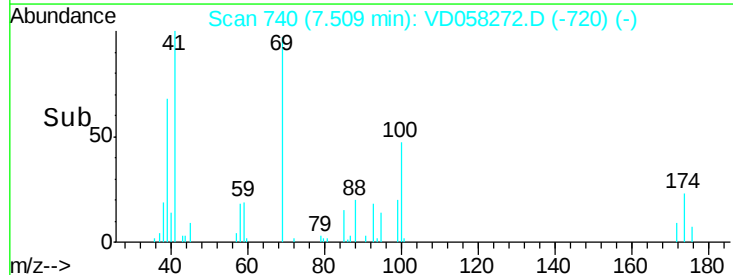
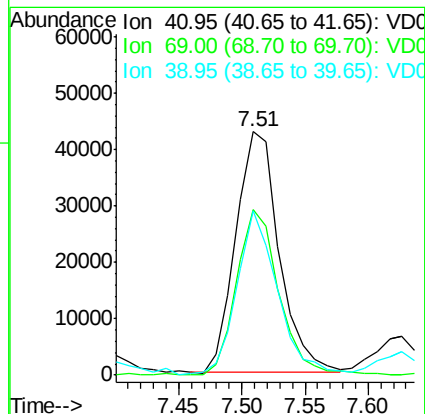
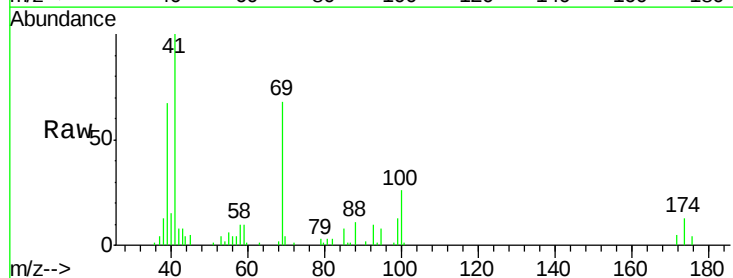
Tgt Ion: 41 Resp: 101819

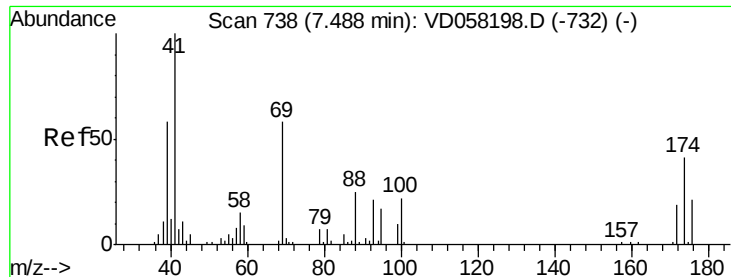
Ion Ratio Lower Upper

41 100

69 68.2 50.7 76.1

39 67.4 52.6 78.8





#49

1,4-Dioxane

Concen: 434.76 ug/l

RT: 7.50 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

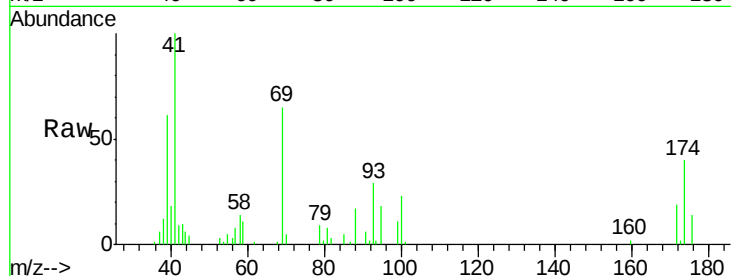
Tot Ion: 88 Resp: 21426

Ion Ratio Lower Upper

88 100

43 59.9 34.2 51.2#

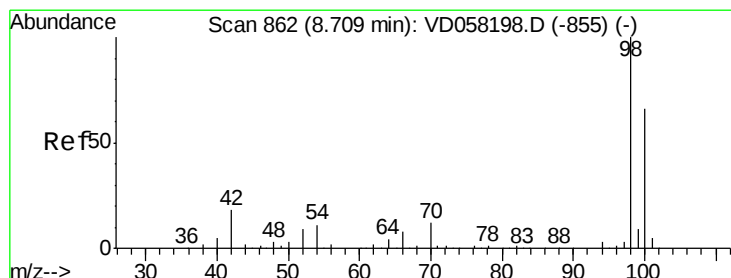
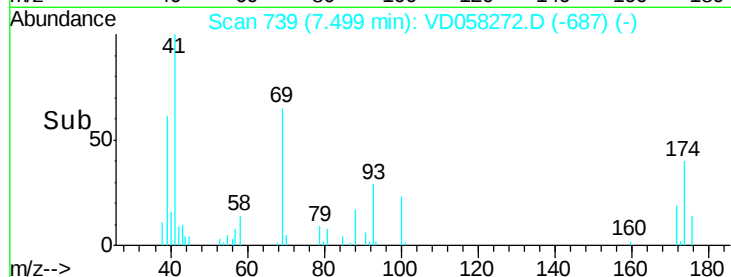
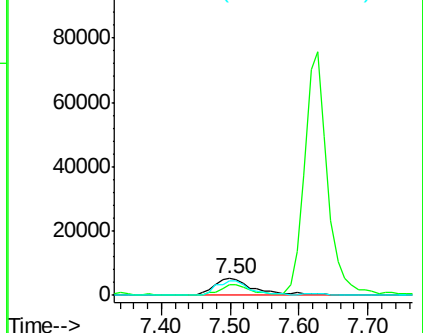
58 81.9 47.9 71.9#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 434.76 ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD058272.D

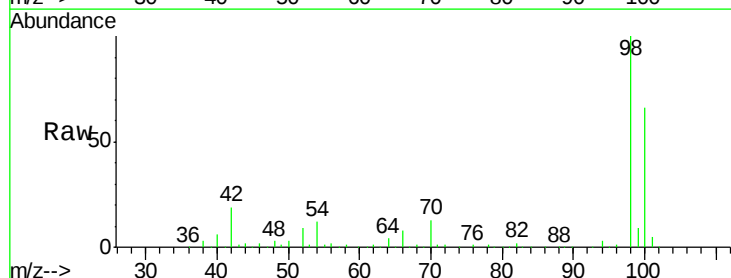
Acq: 22 Jun 2018 2:27

Tgt Ion: 98 Resp: 1173192

Ion Ratio Lower Upper

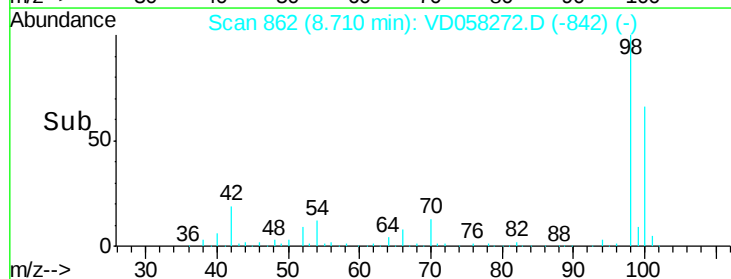
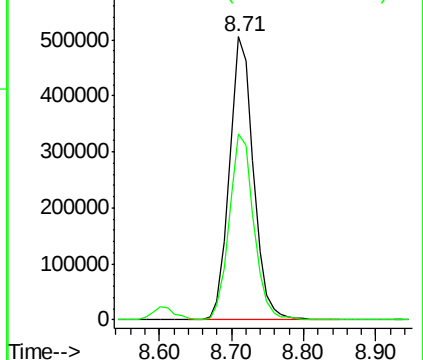
98 100

100 65.7 53.6 80.4



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: 98.97 ug/l

RT: 8.60 min Scan# 851

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

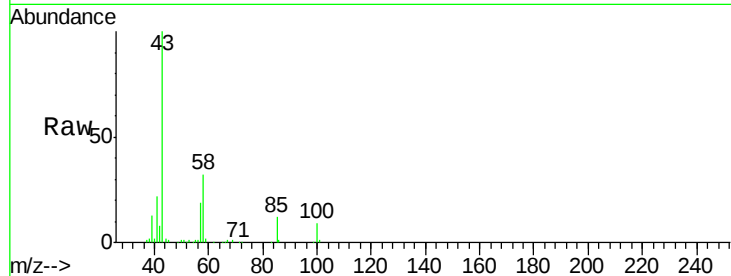
VD0621SBS02

Tot Ion: 43 Resp: 579922

Ion Ratio Lower Upper

43 100

58 32.4 26.7 40.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.60

250000

200000

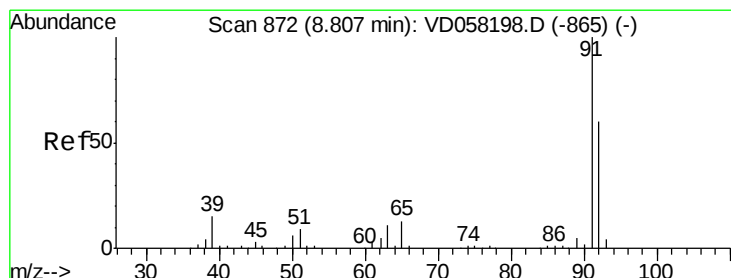
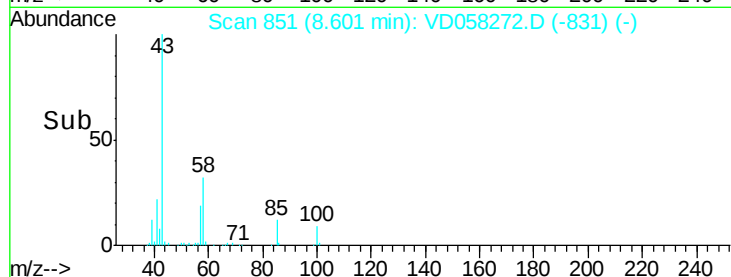
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.95 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.00 min

Lab File: VD058272.D

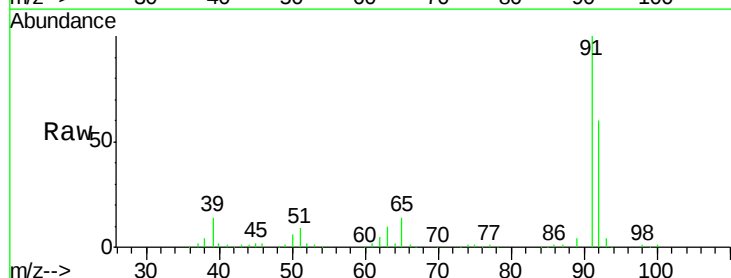
Acq: 22 Jun 2018 2:27

Tgt Ion: 92 Resp: 352147

Ion Ratio Lower Upper

92 100

91 167.0 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8.81

300000

250000

200000

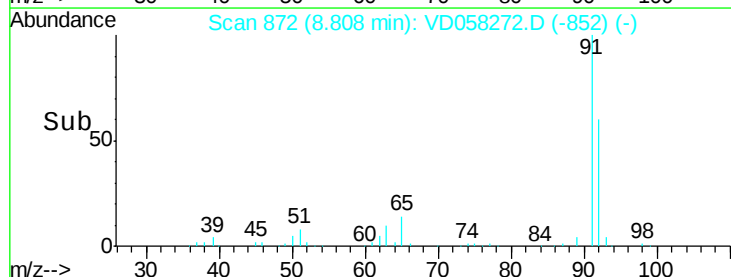
150000

100000

50000

0

Time-->

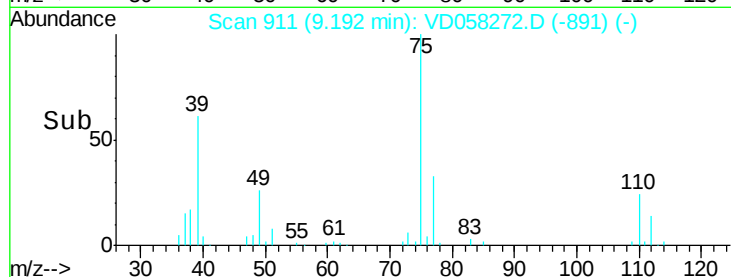
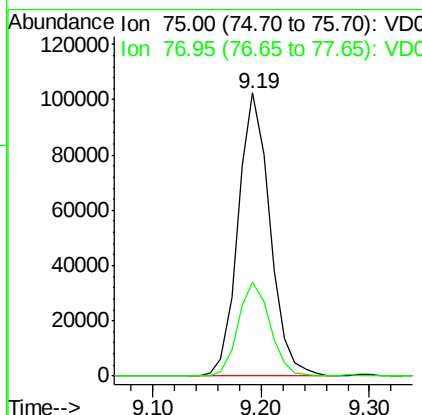
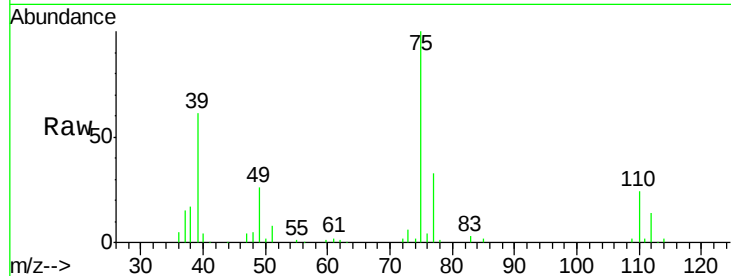




#53
t-1,3-Dichloropropene
Concen: 20.45 ug/l
RT: 9.19 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

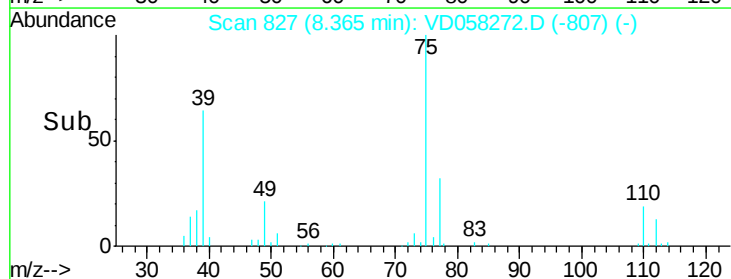
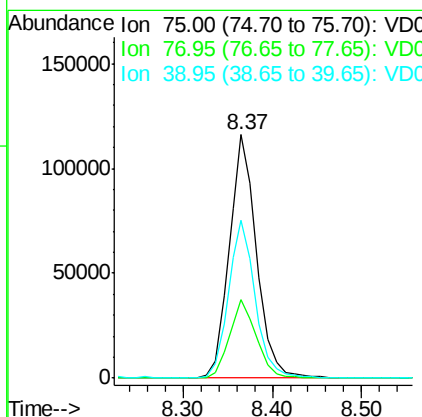
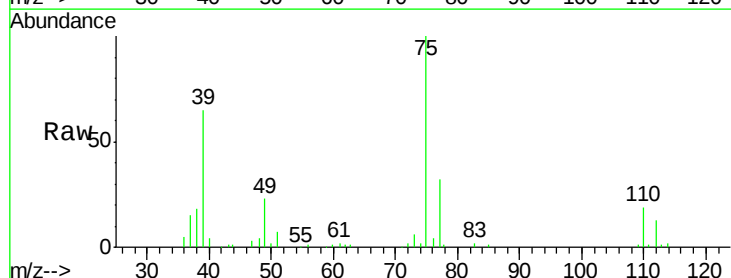
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD02

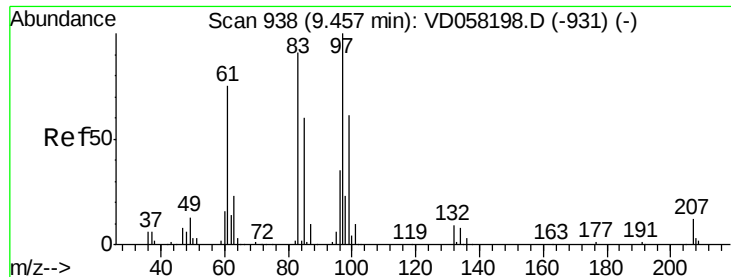
Tot Ion: 75 Resp: 210007
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 20.61 ug/l
RT: 8.37 min Scan# 827
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 75 Resp: 248156
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7
39 65.0 52.9 79.3

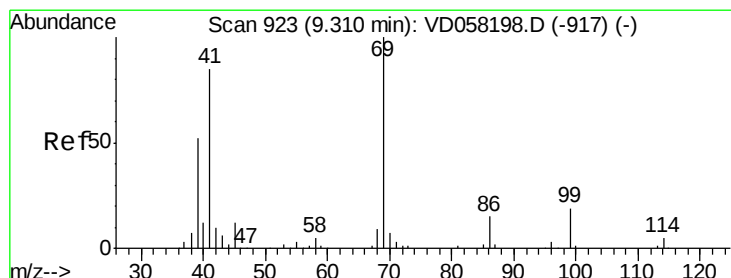
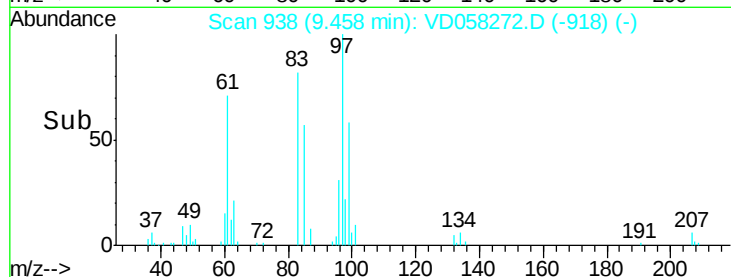
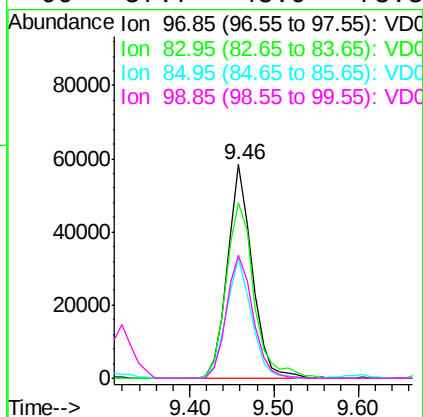
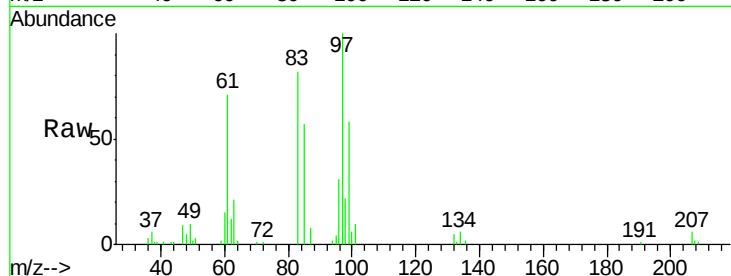




#55
 1,1,2-Trichloroethane
 Concen: 20.97 ug/l
 RT: 9.46 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

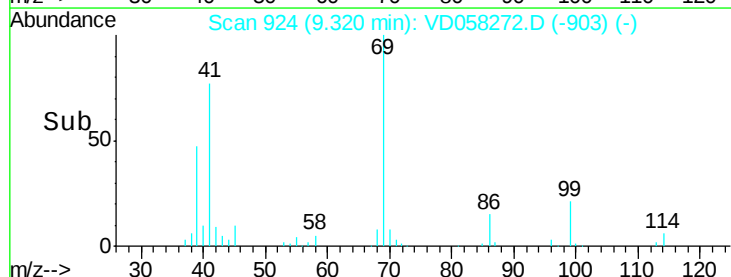
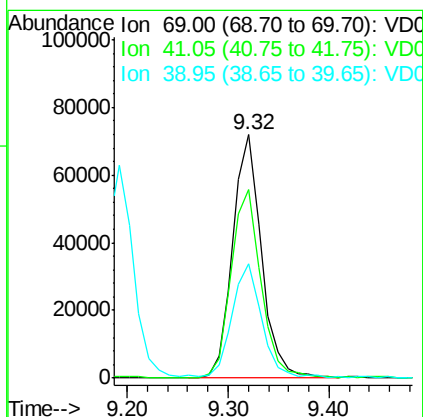
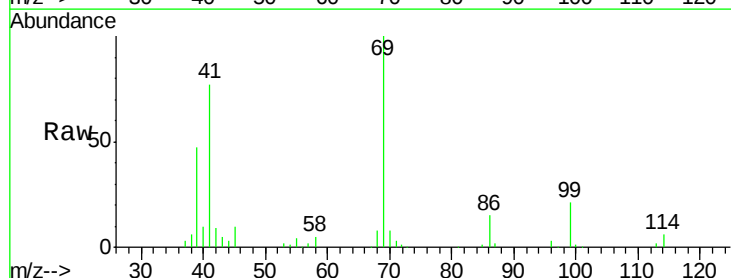
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBSD02

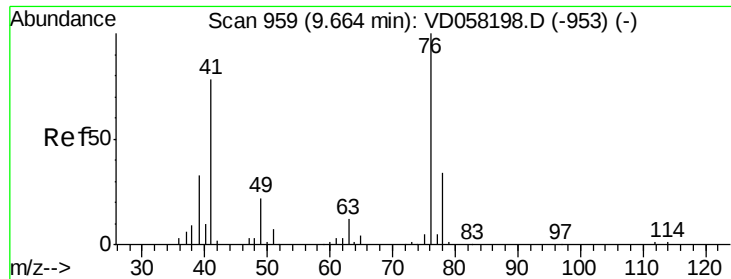
Tot Ion:	97	Resp:	118996
Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.9	109.3
85	56.6	48.2	72.4
99	57.7	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 20.97 ug/l
 RT: 9.32 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion:	69	Resp:	142359
Ion	Ratio	Lower	Upper
69	100		
41	77.4	67.6	101.4
39	47.0	42.2	63.2





#57

1,3-Dichloropropane

Concen: 21.57 ug/l

RT: 9.66 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

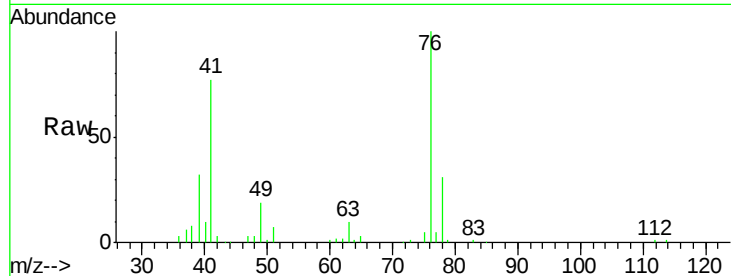
VD0621SBSD02

Tot Ion: 76 Resp: 206159

Ion Ratio Lower Upper

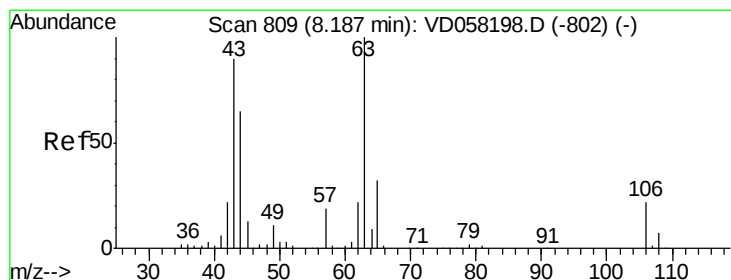
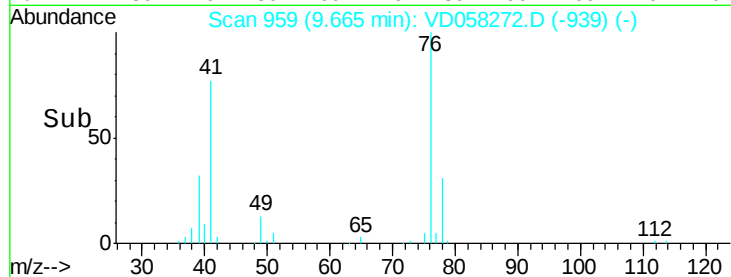
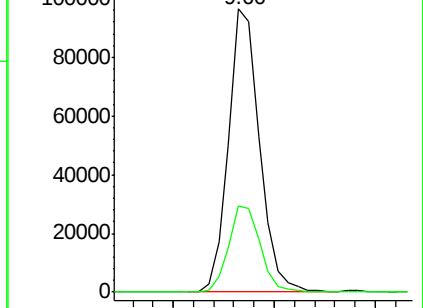
76 100

78 30.6 27.0 40.6



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: 111.93 ug/l

RT: 8.20 min Scan# 810

Delta R.T. 0.01 min

Lab File: VD058272.D

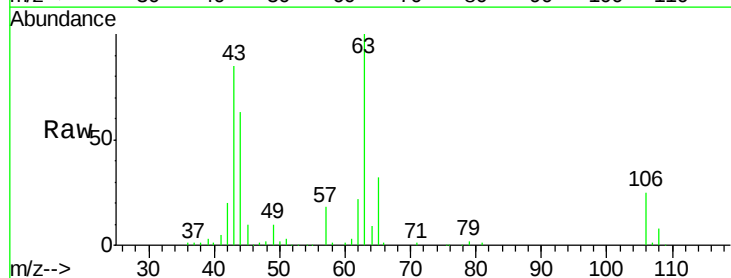
Acq: 22 Jun 2018 2:27

Tgt Ion: 63 Resp: 376086

Ion Ratio Lower Upper

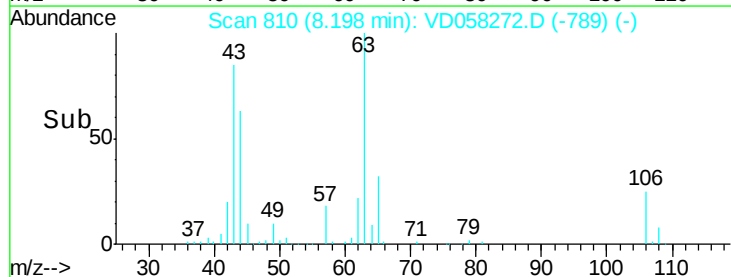
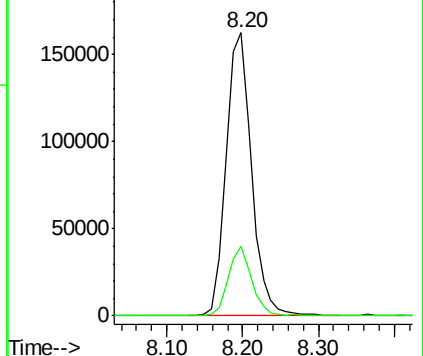
63 100

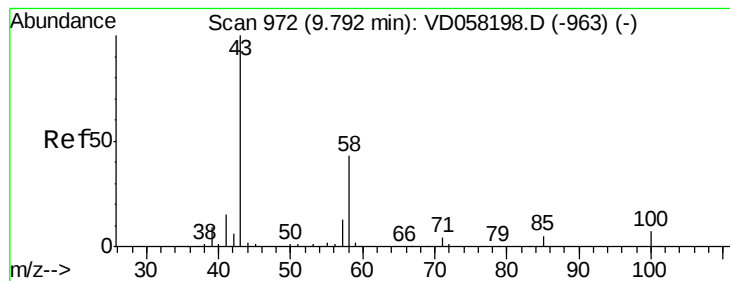
106 24.8 18.0 27.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V





#59

2-Hexanone

Concen: 97.91 ug/l

RT: 9.79 min Scan# 972

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

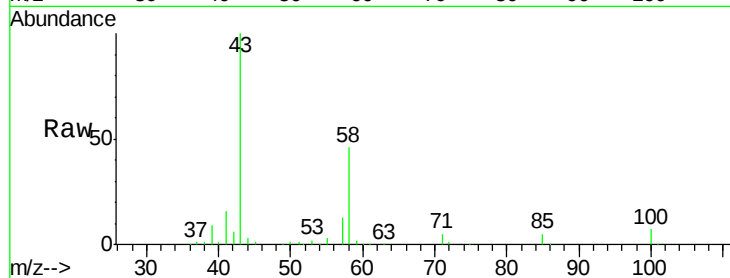
VD0621SBSD02

Tot Ion: 43 Resp: 414520

Ion Ratio Lower Upper

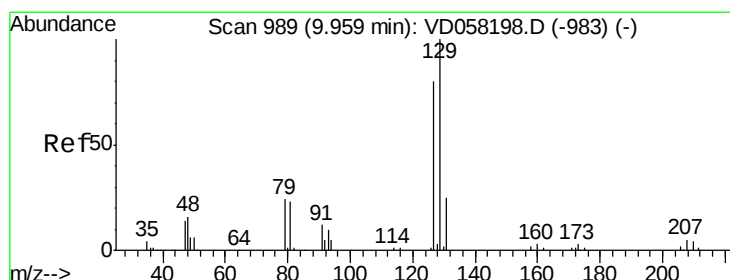
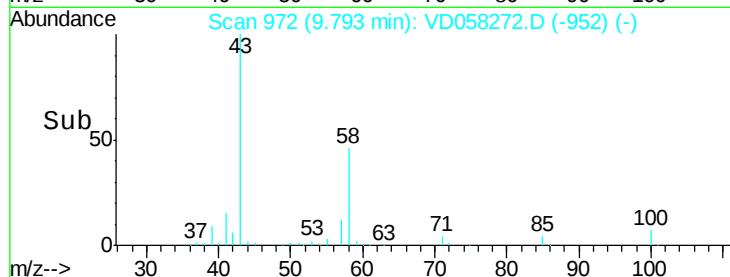
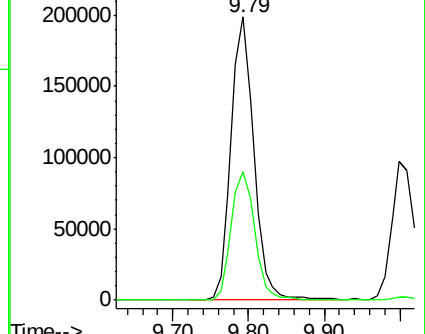
43 100

58 45.6 21.7 65.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#60

Dibromochloromethane

Concen: 20.13 ug/l

RT: 9.96 min Scan# 989

Delta R.T. 0.00 min

Lab File: VD058272.D

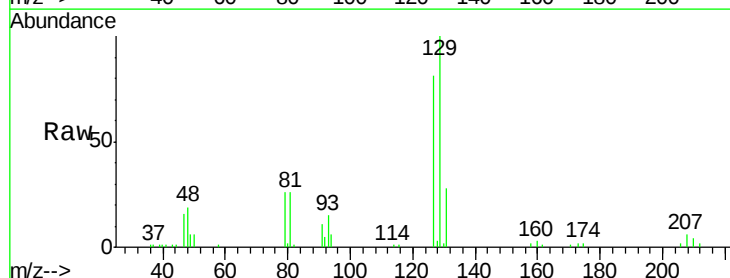
Acq: 22 Jun 2018 2:27

Tgt Ion: 129 Resp: 155037

Ion Ratio Lower Upper

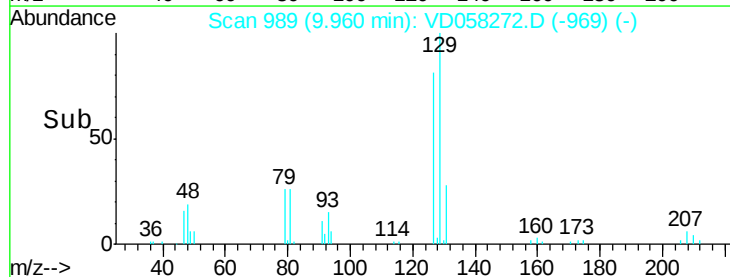
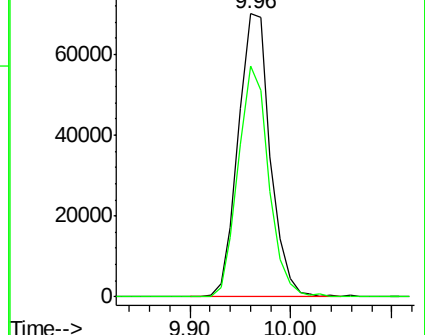
129 100

127 81.4 39.8 119.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

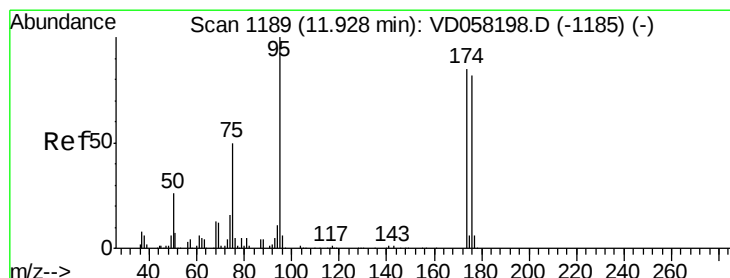
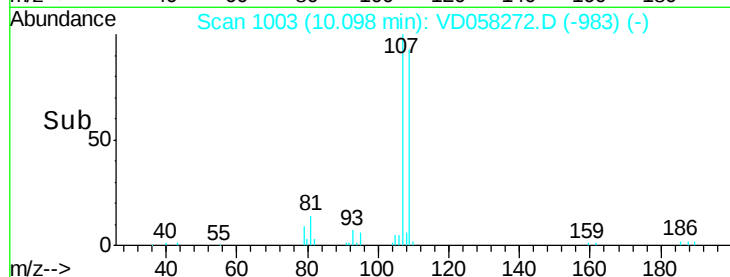
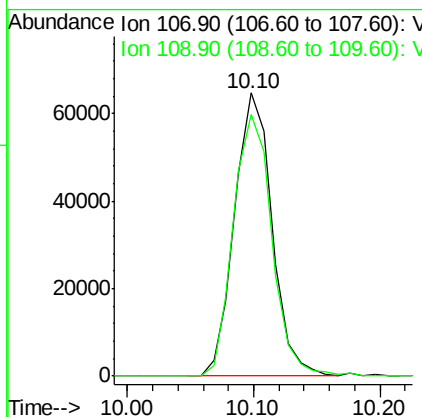
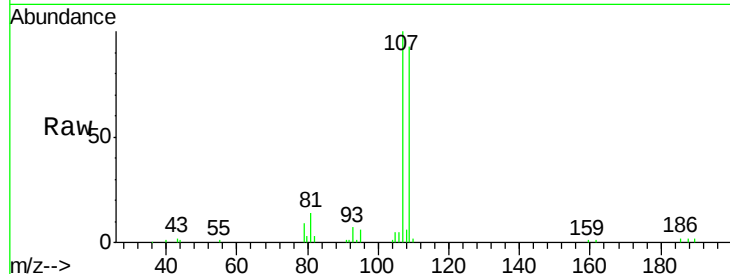




#61
 1,2-Dibromoethane
 Concen: 21.48 ug/l
 RT: 10.10 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

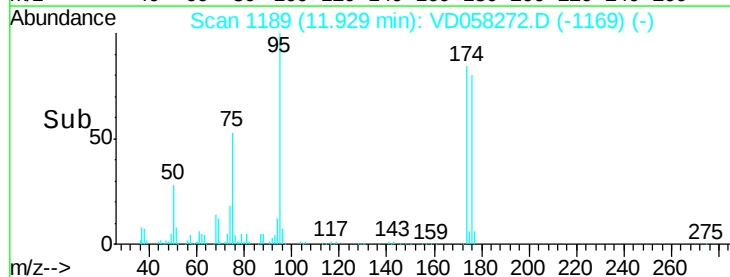
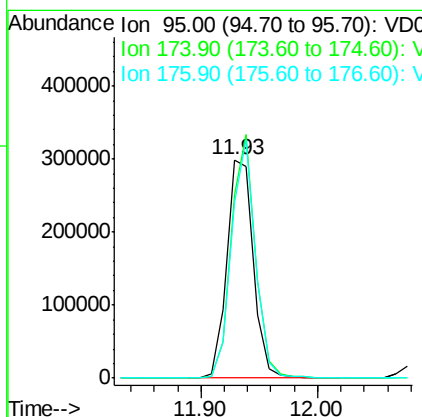
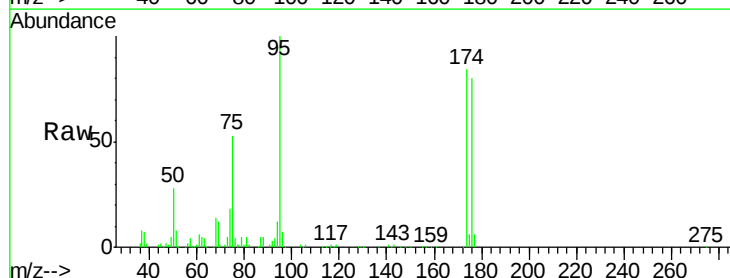
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBSD02

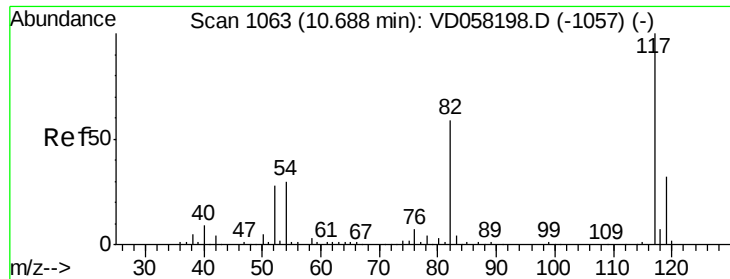
Tot Ion: 107 Resp: 133442
 Ion Ratio Lower Upper
 107 100
 109 92.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 21.48 ug/l
 RT: 11.93 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion: 95 Resp: 470182
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 170.2
 176 80.2 0.0 164.6

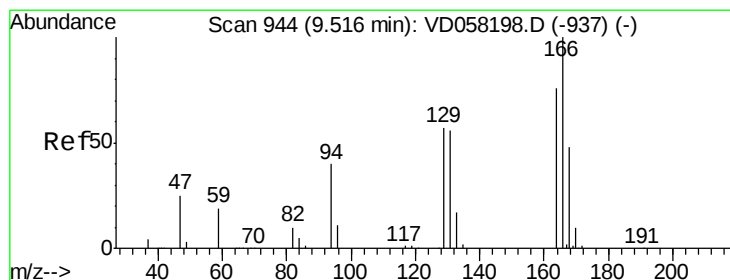
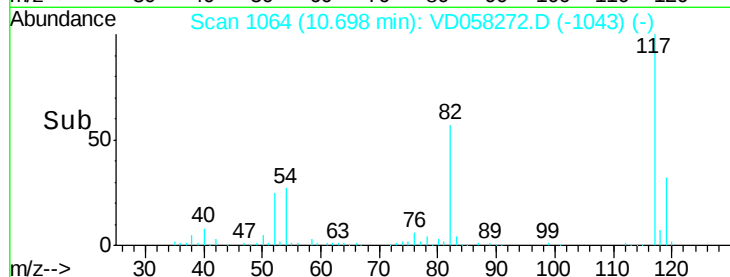
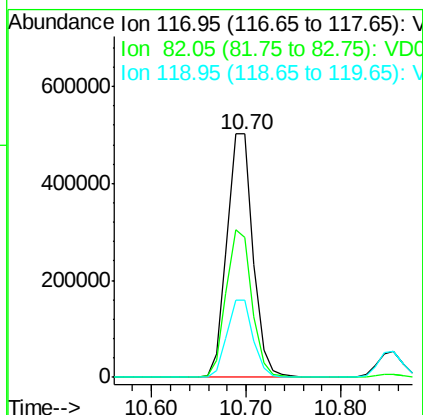
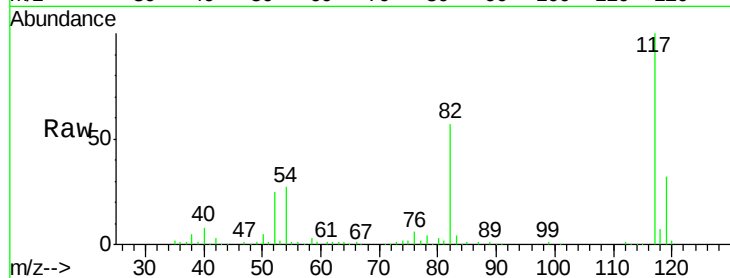




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

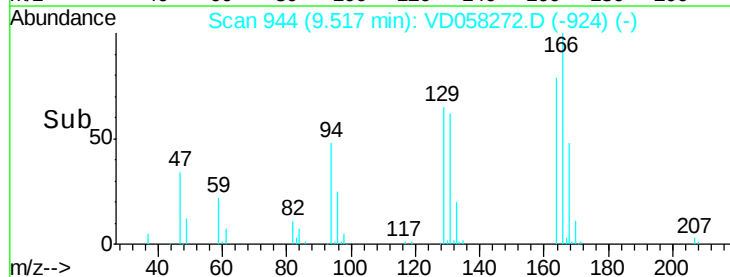
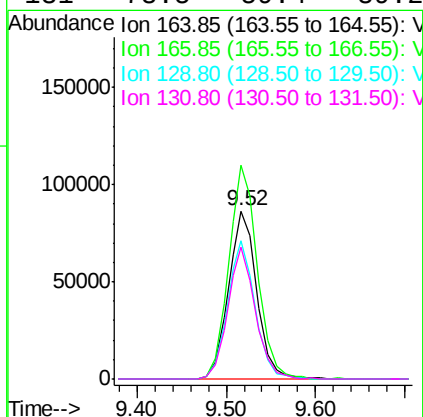
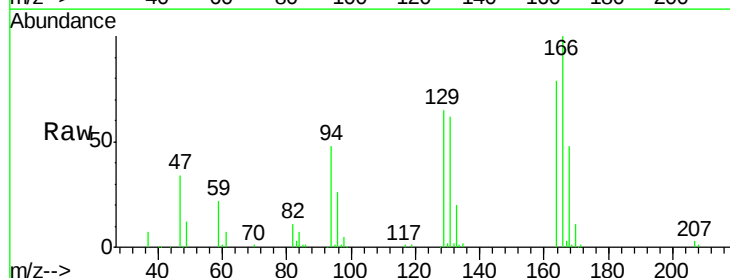
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD02

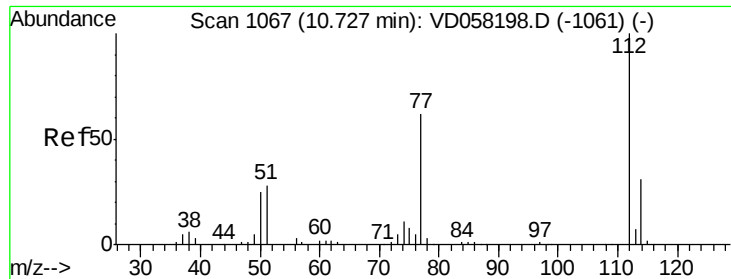
Tot Ion:117 Resp: 966372
Ion Ratio Lower Upper
117 100
82 57.4 47.0 70.6
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 23.47 ug/l
RT: 9.52 min Scan# 944
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion:164 Resp: 190824
Ion Ratio Lower Upper
164 100
166 127.0 105.4 158.0
129 82.0 59.6 89.4
131 78.5 59.4 89.2

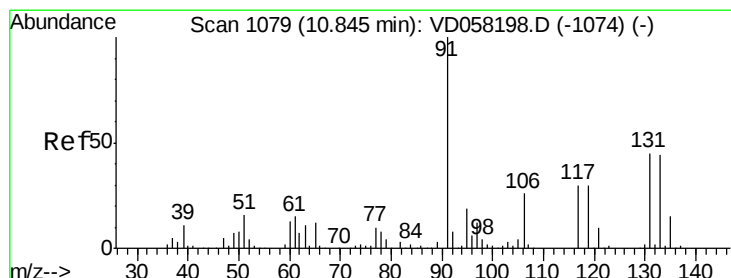
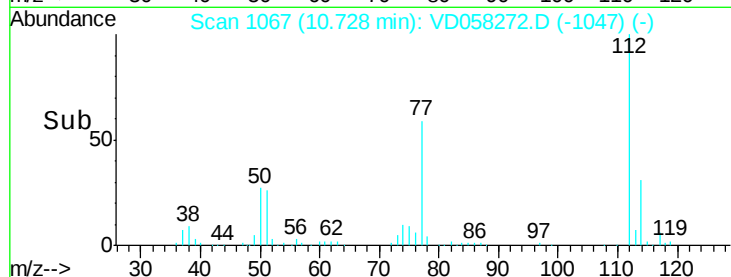
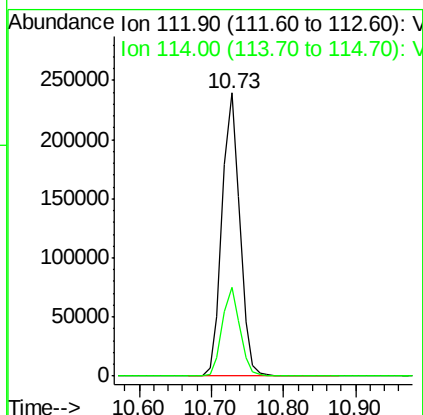
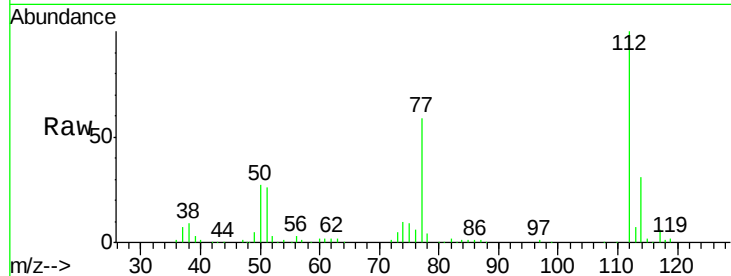




#65
Chlorobenzene
Concen: 22.60 ug/l
RT: 10.73 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

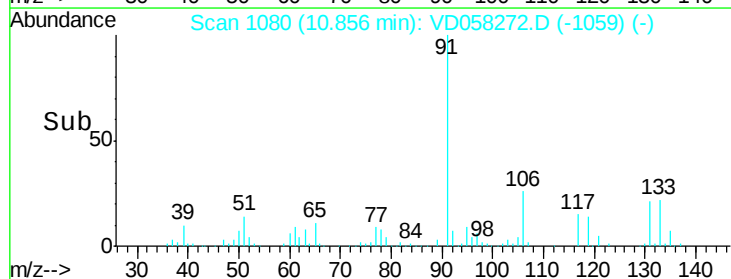
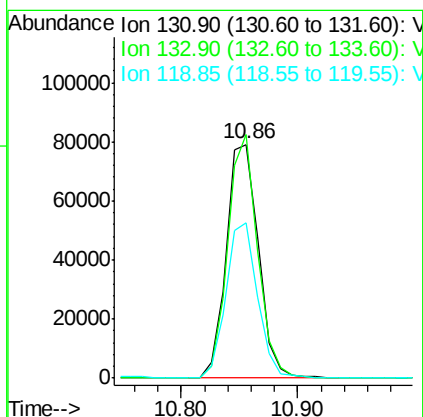
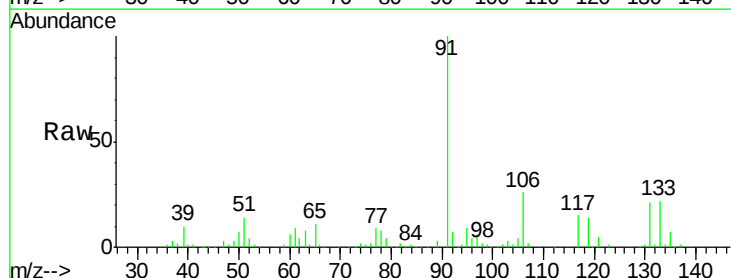
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD02

Tot Ion:112 Resp: 408613
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.66 ug/l
RT: 10.86 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion:131 Resp: 151093
Ion Ratio Lower Upper
131 100
133 104.2 48.6 145.9
119 66.3 33.0 99.0

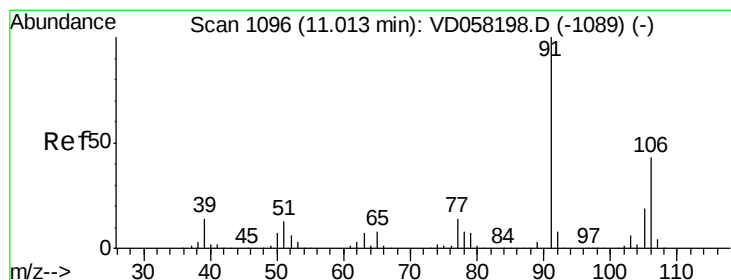
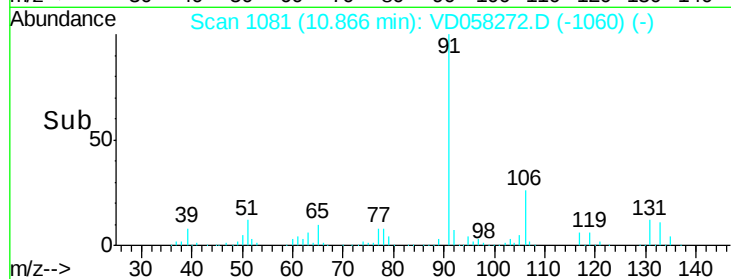
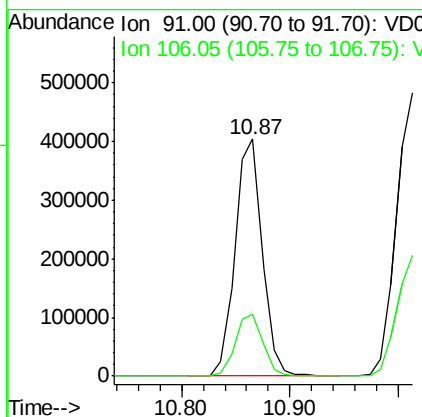
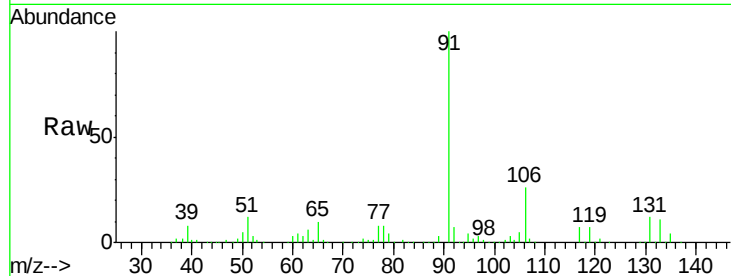




#67
Ethyl Benzene
Concen: 22.09 ug/l
RT: 10.87 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

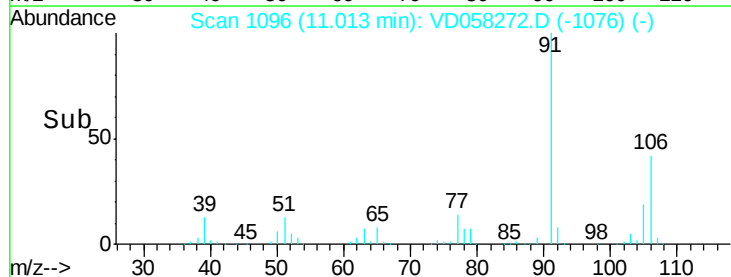
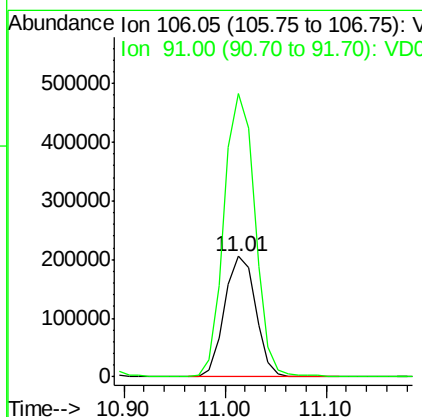
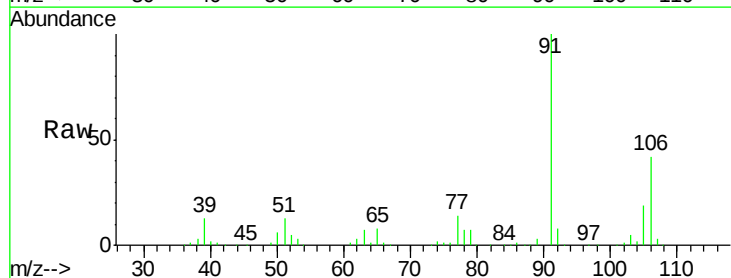
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBS02

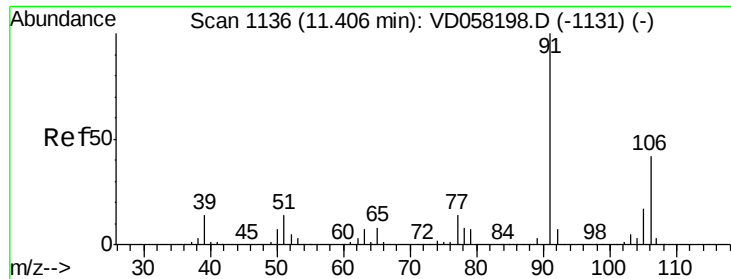
Tot Ion: 91 Resp: 704878
Ion Ratio Lower Upper
91 100
106 26.1 22.0 33.0



#68
m/p-Xylenes
Concen: 41.79 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 106 Resp: 444750
Ion Ratio Lower Upper
106 100
91 235.4 185.0 277.6

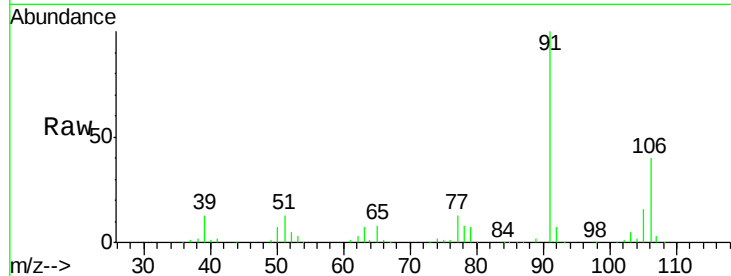




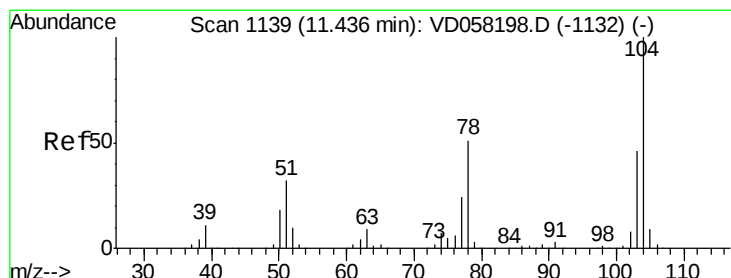
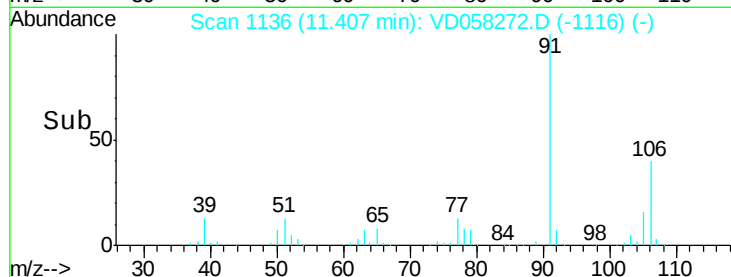
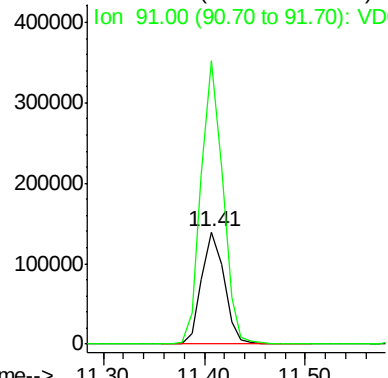
#69
o-Xylene
Concen: 21.41 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBSD02

Tot Ion:106 Resp: 217612
Ion Ratio Lower Upper
106 100
91 253.1 120.2 360.6

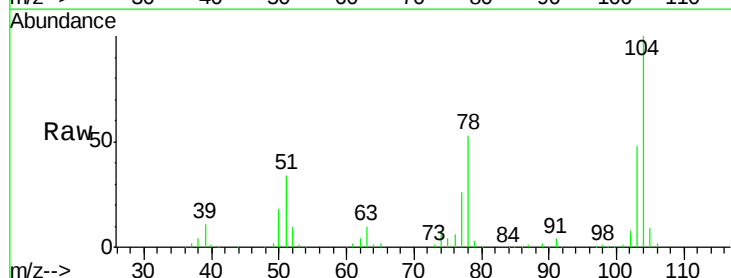


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

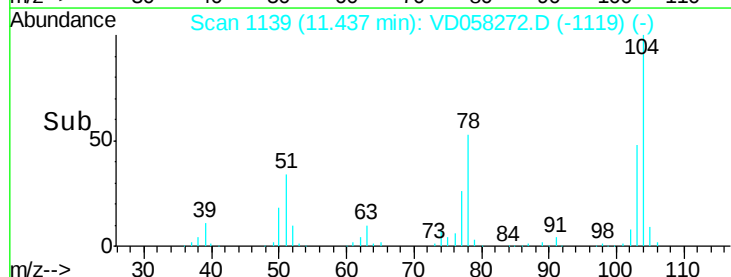
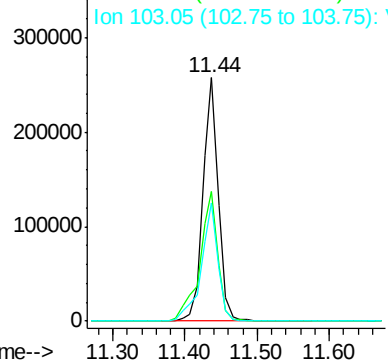


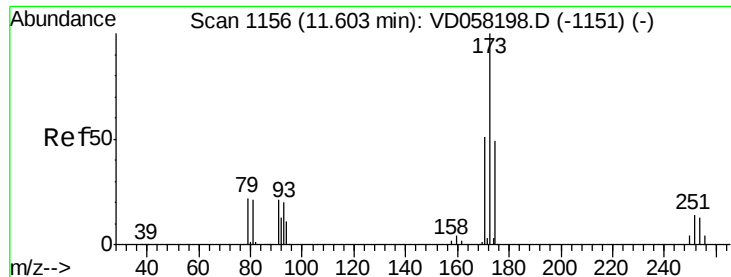
#70
Styrene
Concen: 21.82 ug/l
RT: 11.44 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion:104 Resp: 378480
Ion Ratio Lower Upper
104 100
78 53.2 40.8 61.2
103 48.4 37.0 55.6



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





#71

Bromoform

Concen: 19.49 ug/l

RT: 11.60 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

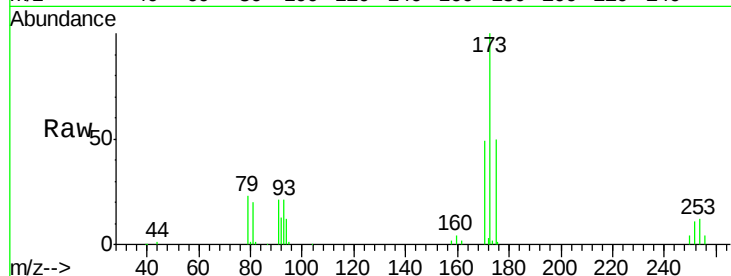
Tot Ion:173 Resp: 108476

Ion Ratio Lower Upper

173 100

175 50.0 24.6 74.0

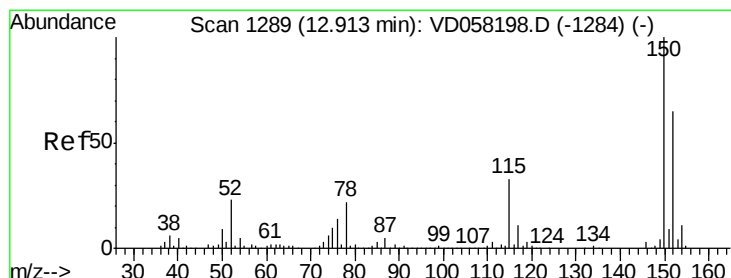
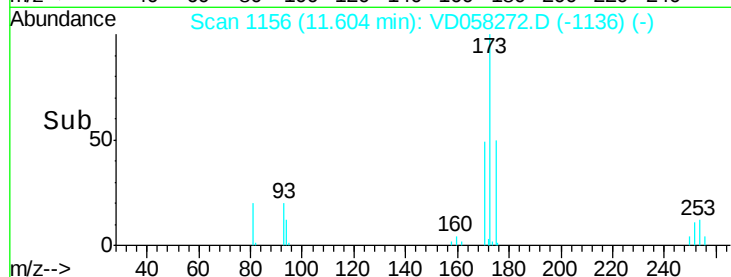
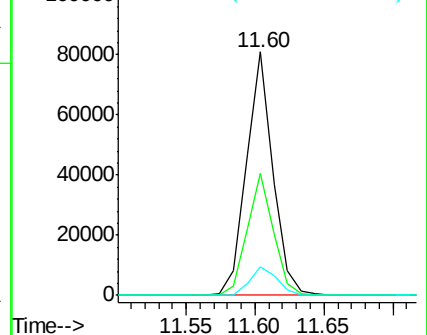
254 12.0 10.3 15.5



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

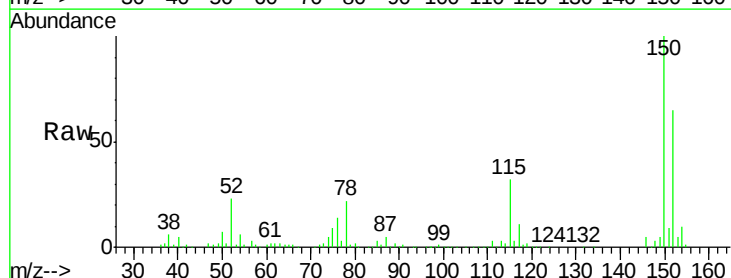
Tgt Ion:152 Resp: 490327

Ion Ratio Lower Upper

152 100

115 50.0 25.1 75.3

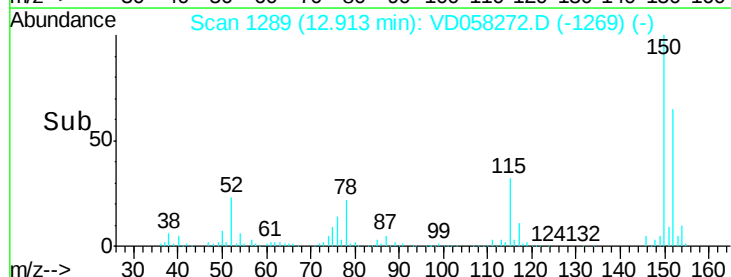
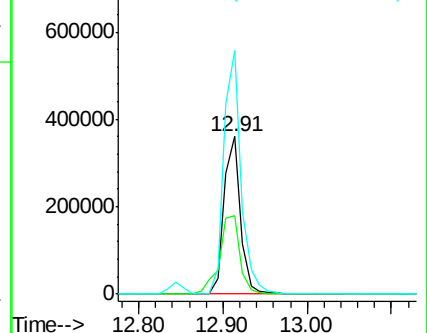
150 154.8 0.0 308.8

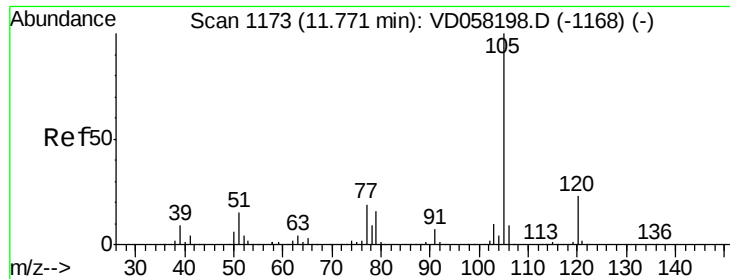


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.62 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

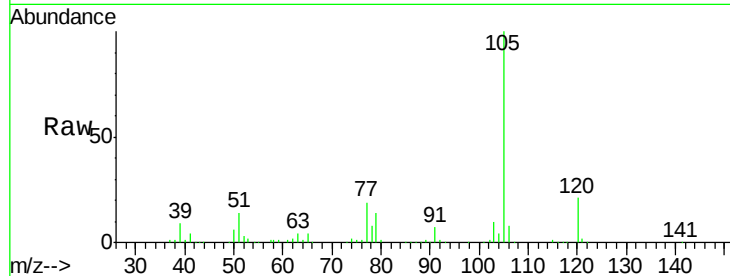
VD0621SBSD02

Tot Ion:105 Resp: 663330

Ion Ratio Lower Upper

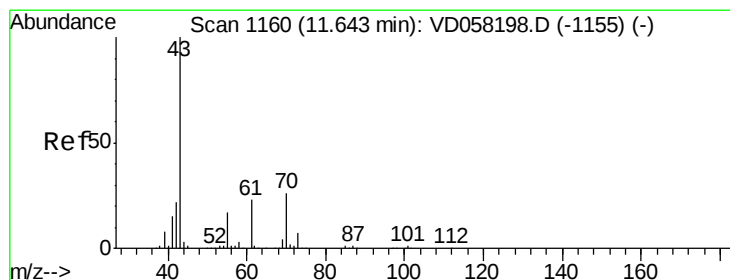
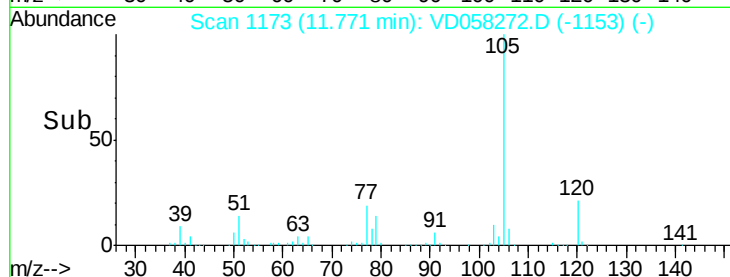
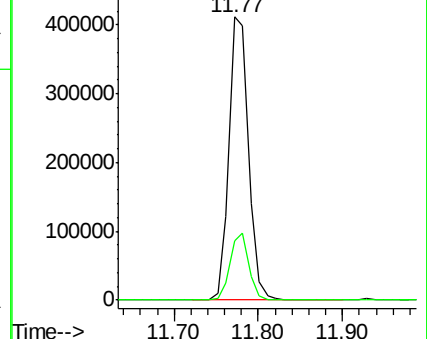
105 100

120 20.8 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 20.57 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Tgt Ion: 43 Resp: 233218

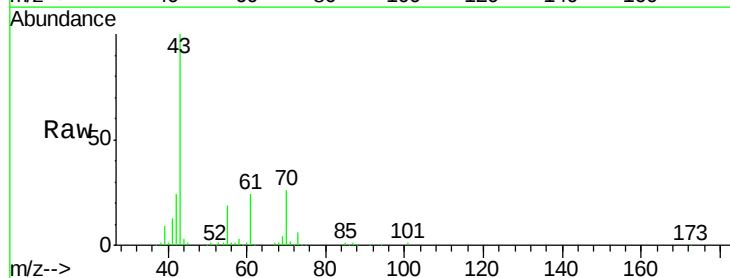
Ion Ratio Lower Upper

43 100

70 25.8 20.9 31.3

55 18.7 13.5 20.3

61 24.0 18.2 27.2

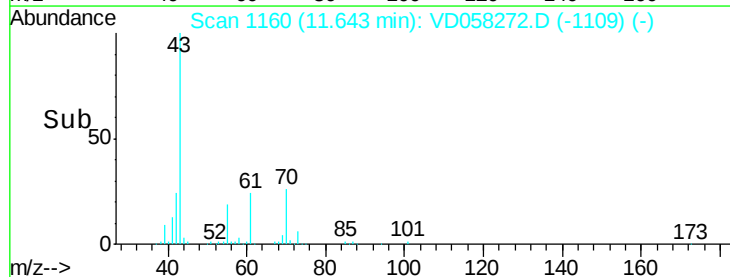
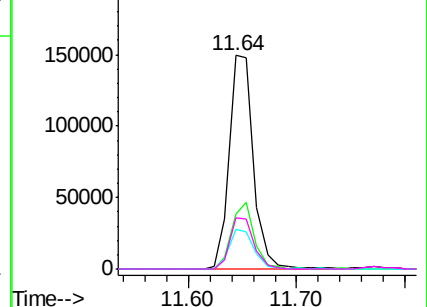


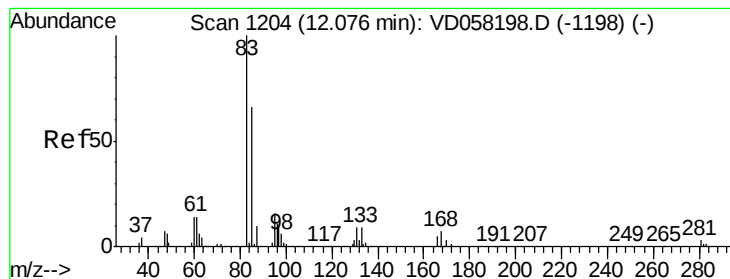
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.86 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

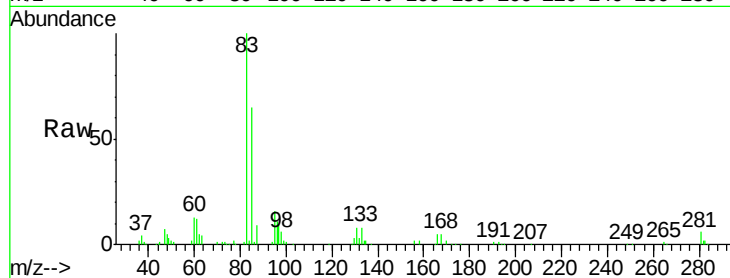
MSVOA_D

ClientSampleId :

VD0621SBS02

Tot Ion: 83 Resp: 156047

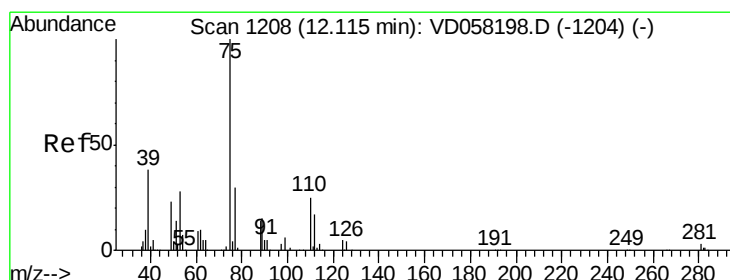
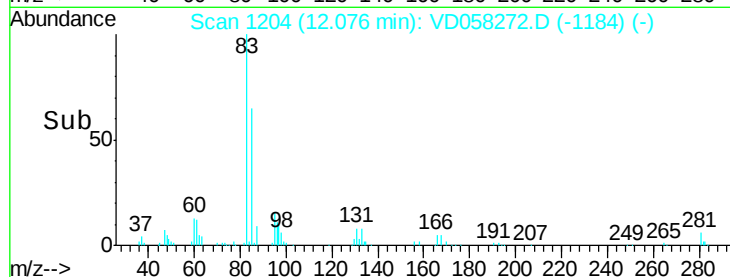
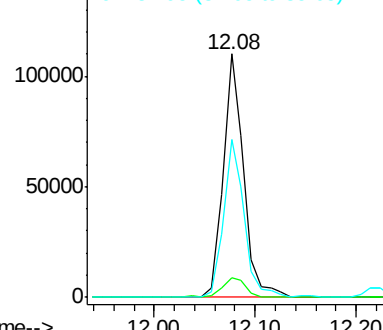
Ion	Ratio	Lower	Upper
83	100		
131	8.0	4.8	14.3
85	64.6	33.1	99.5



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: 19.84 ug/l

RT: 12.12 min Scan# 1208

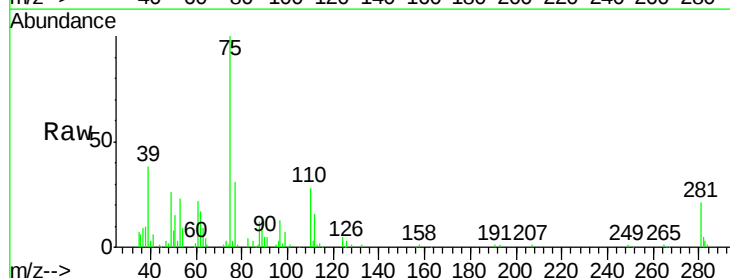
Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

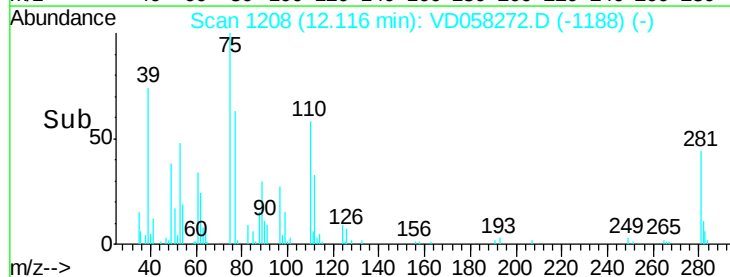
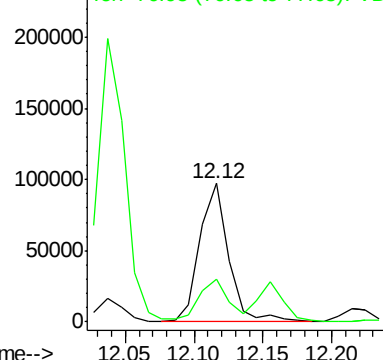
Tgt Ion: 75 Resp: 142001

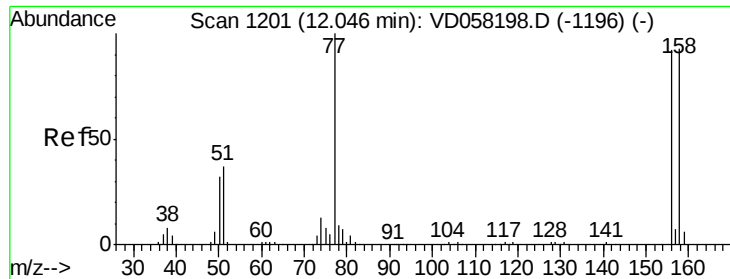
Ion	Ratio	Lower	Upper
75	100		
77	31.1	16.0	47.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 22.62 ug/l

RT: 12.05 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

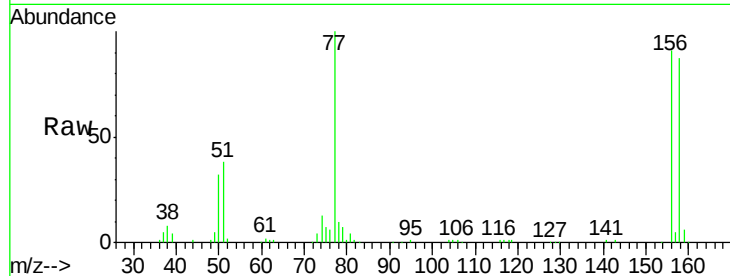
Tot Ion:156 Resp: 198673

Ion Ratio Lower Upper

156 100

77 109.9 54.5 163.6

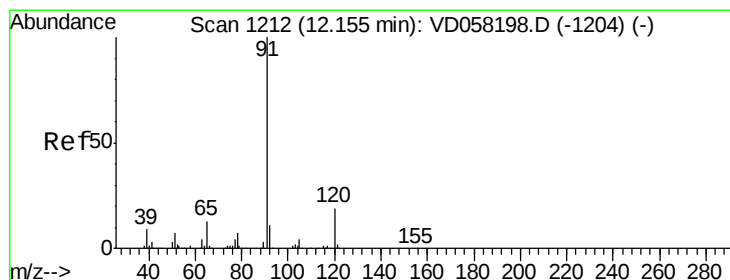
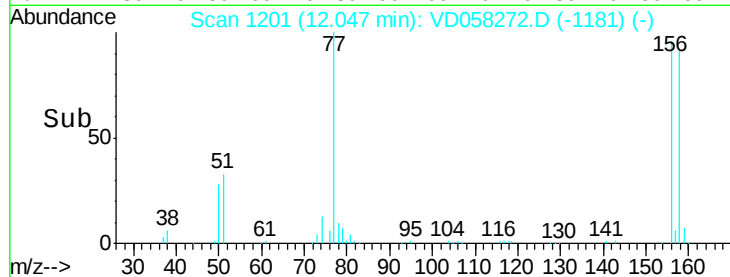
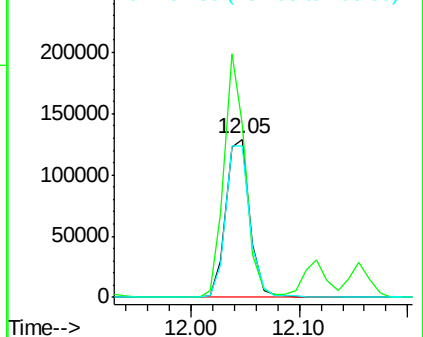
158 95.6 50.8 152.5



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 22.49 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD058272.D

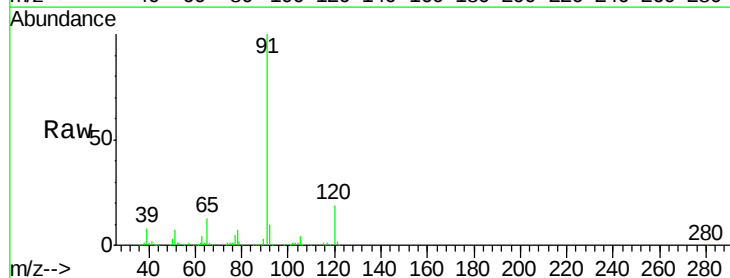
Acq: 22 Jun 2018 2:27

Tgt Ion: 91 Resp: 851813

Ion Ratio Lower Upper

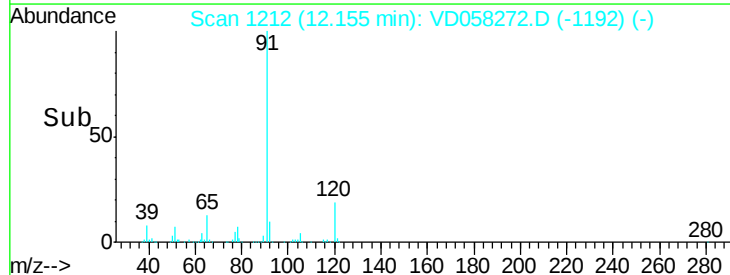
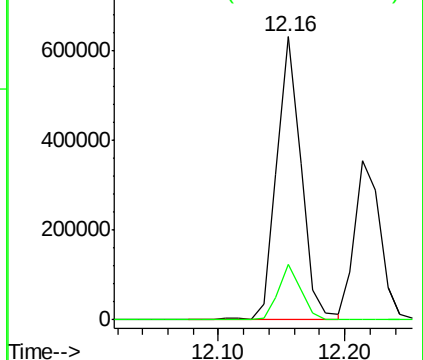
91 100

120 19.4 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 22.69 ug/l

RT: 12.21 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

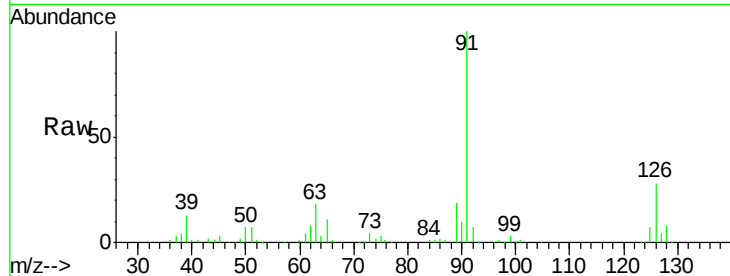
VD0621SBSD02

Tot Ion: 91 Resp: 491738

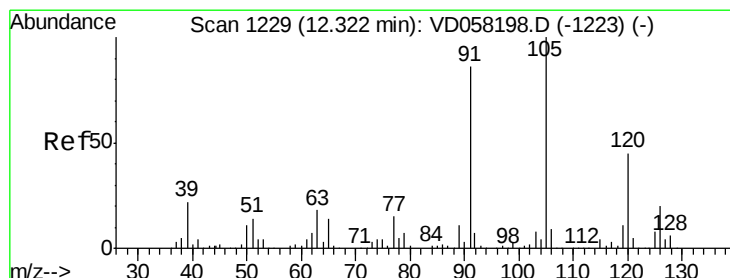
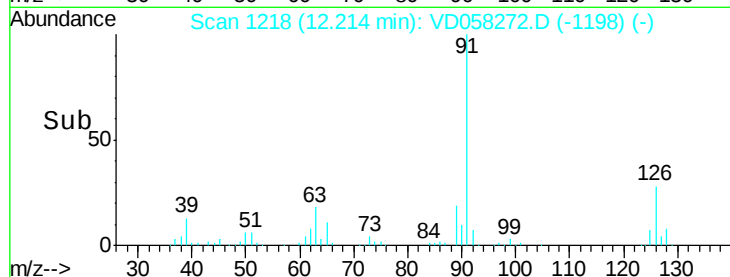
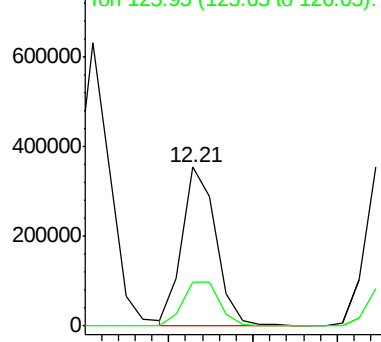
Ion Ratio Lower Upper

91 100

126 27.6 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 22.98 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD058272.D

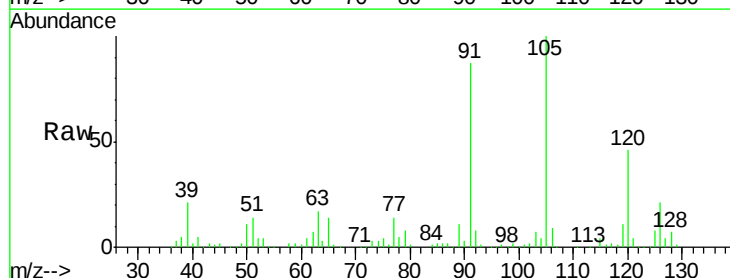
Acq: 22 Jun 2018 2:27

Tgt Ion: 105 Resp: 525734

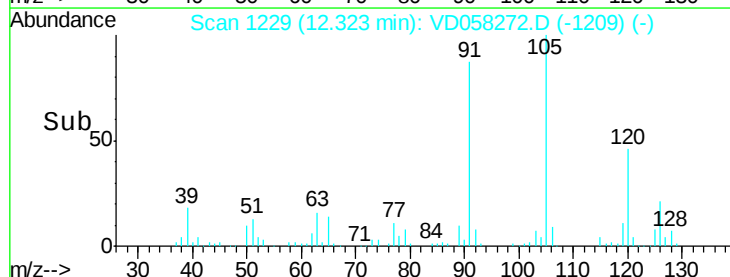
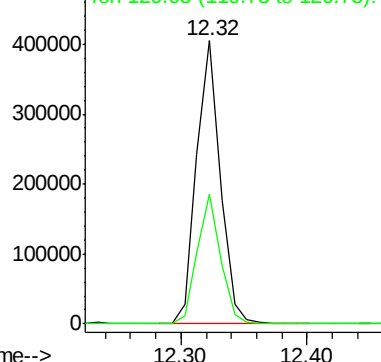
Ion Ratio Lower Upper

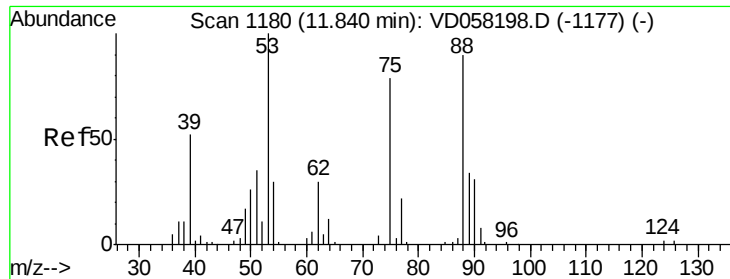
105 100

120 45.9 22.5 67.5



Abundance Ion 105.05 (104.75 to 105.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.75 ug/l

RT: 11.85 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

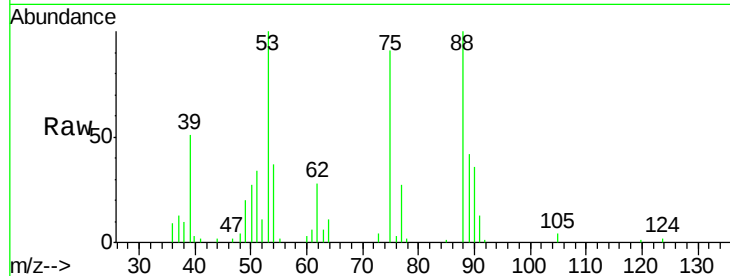
Tot Ion: 75 Resp: 30990

Ion Ratio Lower Upper

75 100

53 109.5 100.8 151.2

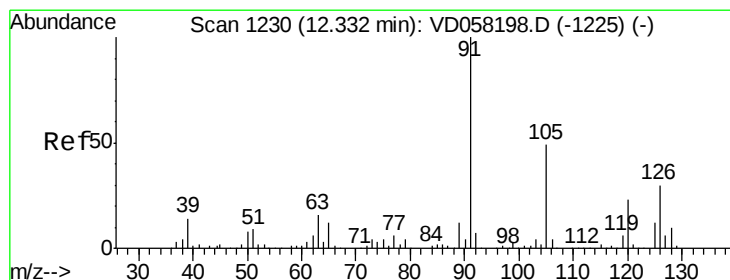
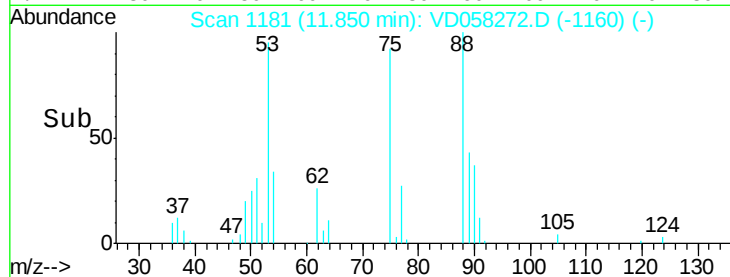
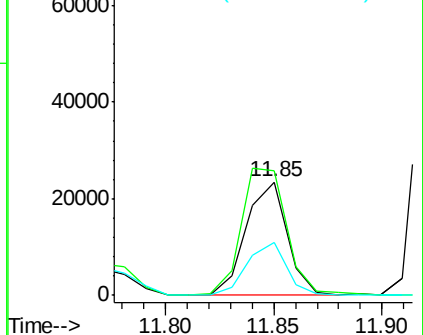
89 46.4 34.6 52.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 22.85 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VD058272.D

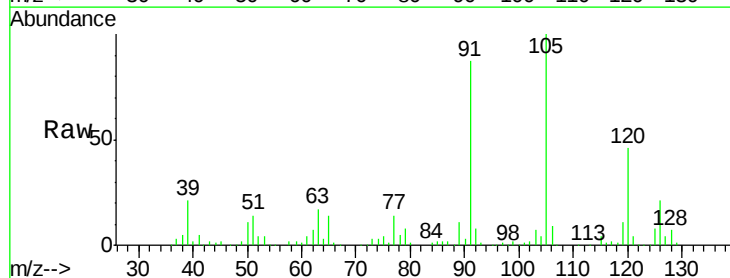
Acq: 22 Jun 2018 2:27

Tgt Ion: 91 Resp: 545061

Ion Ratio Lower Upper

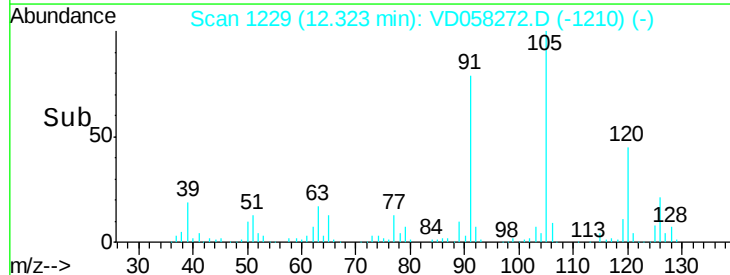
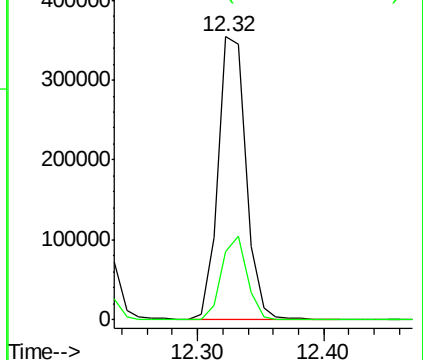
91 100

126 24.0 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

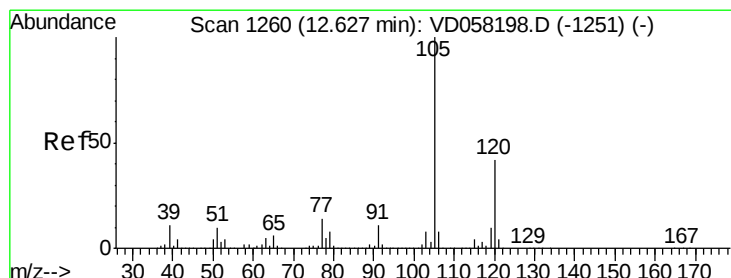
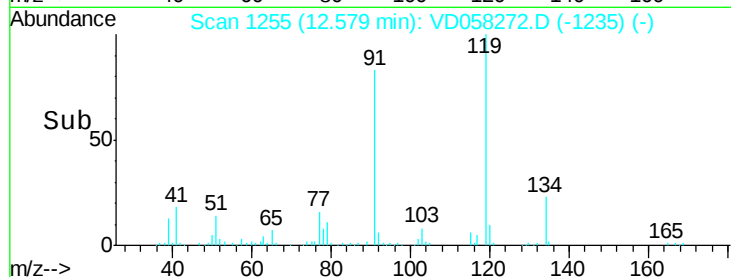
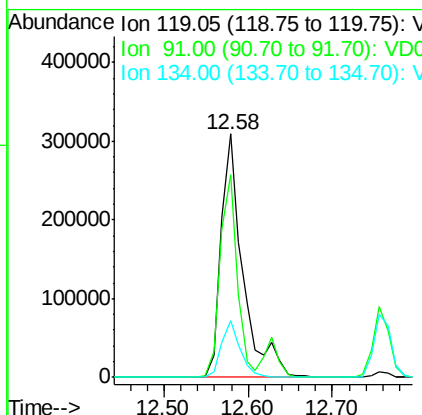
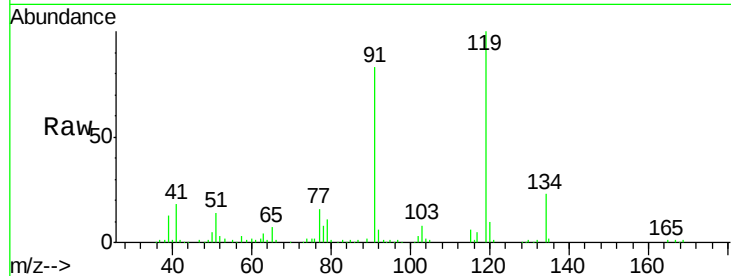




#83
 tert-Butylbenzene
 Concen: 21.19 ug/l
 RT: 12.58 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

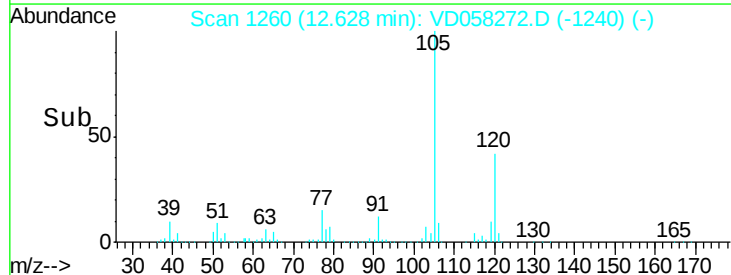
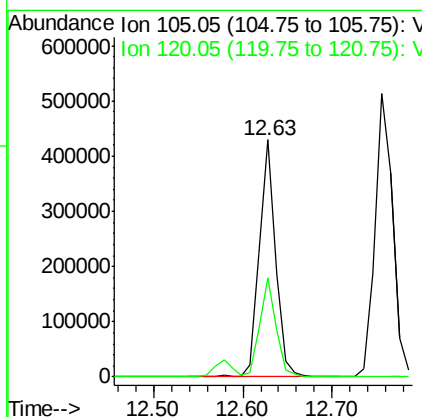
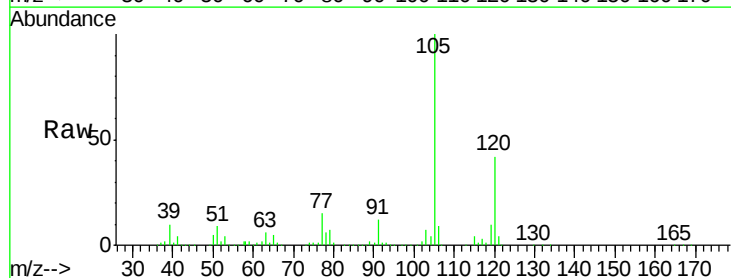
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS02

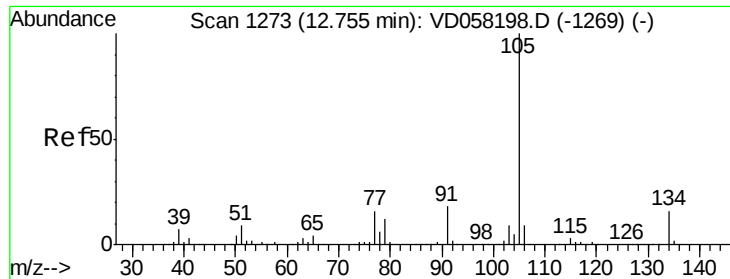
Tot Ion:119 Resp: 557179
 Ion Ratio Lower Upper
 119 100
 91 83.2 38.9 116.6
 134 23.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.68 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion:105 Resp: 539098
 Ion Ratio Lower Upper
 105 100
 120 41.9 20.8 62.4

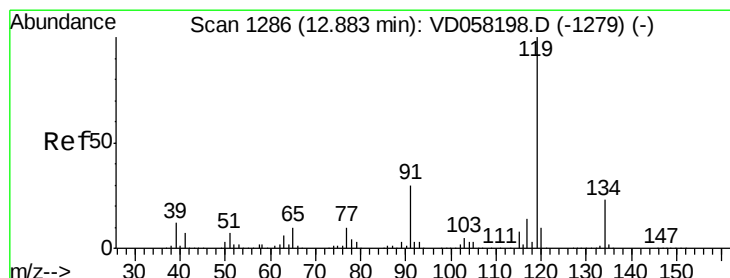
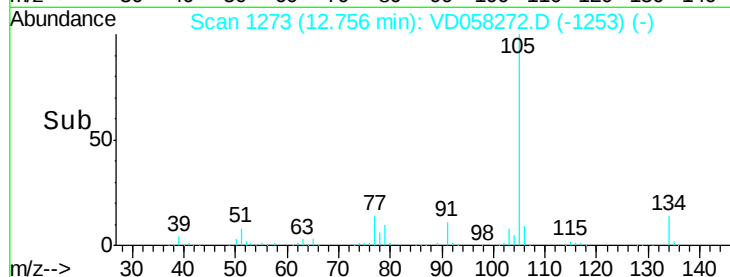
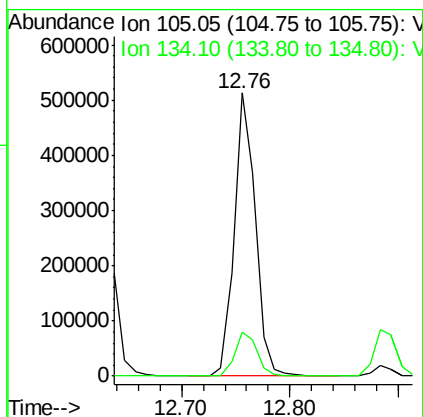
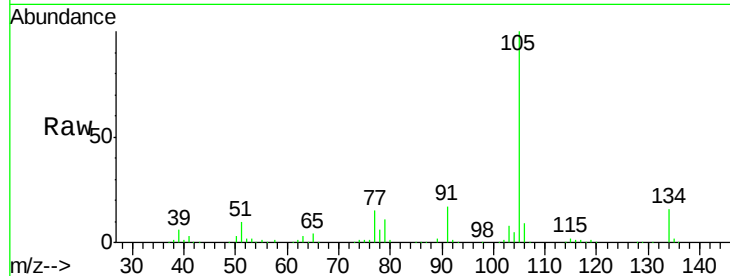




#85
 sec-Butylbenzene
 Concen: 22.42 ug/l
 RT: 12.76 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

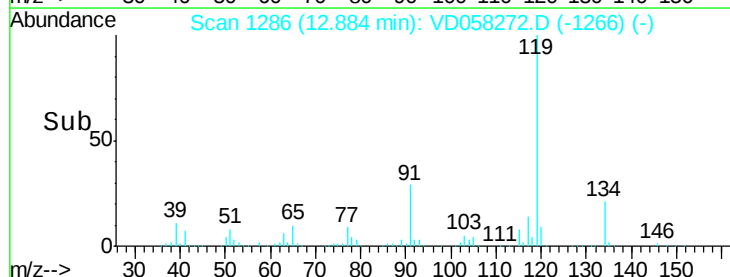
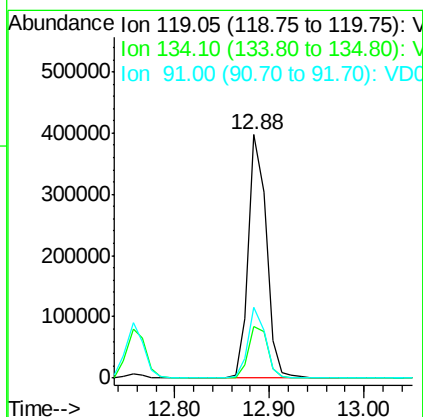
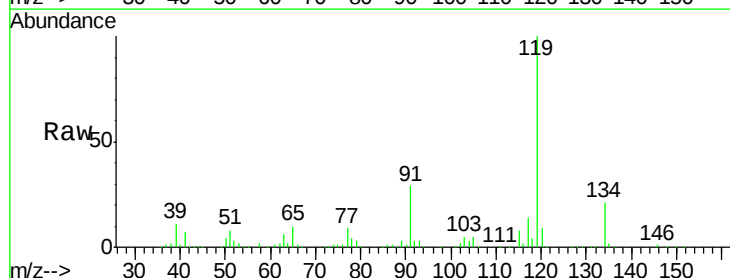
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBSD02

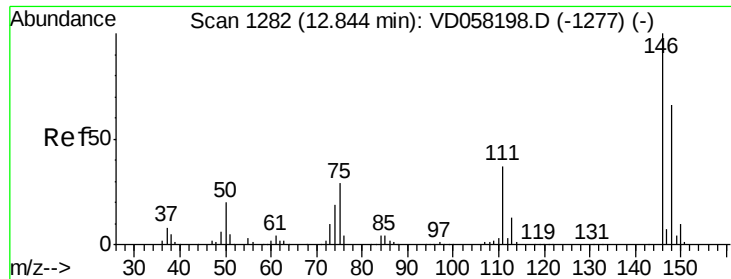
Tot Ion:105 Resp: 691031
 Ion Ratio Lower Upper
 105 100
 134 15.7 8.1 24.3



#86
 p-Isopropyltoluene
 Concen: 20.97 ug/l
 RT: 12.88 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion:119 Resp: 523760
 Ion Ratio Lower Upper
 119 100
 134 21.3 11.6 34.8
 91 29.1 15.0 45.1

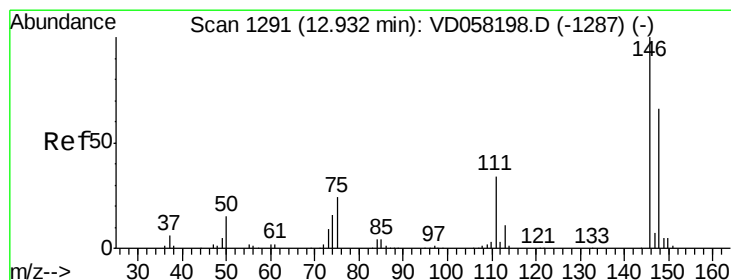
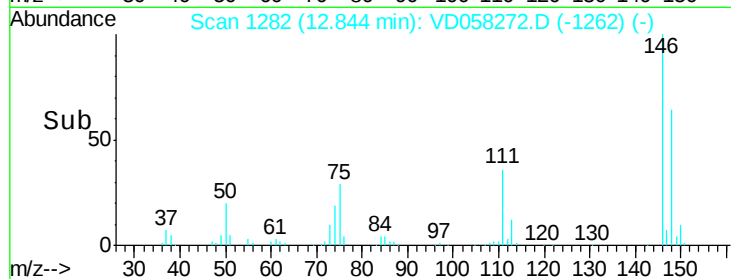
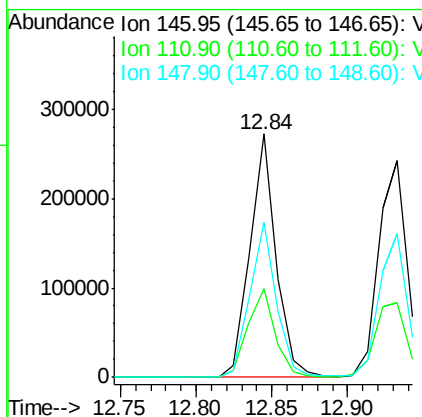
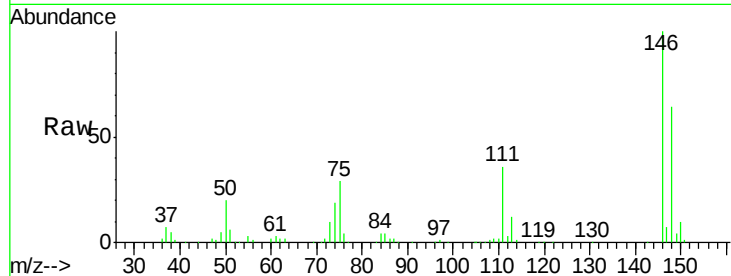




#87
 1,3-Dichlorobenzene
 Concen: 21.49 ug/l
 RT: 12.84 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

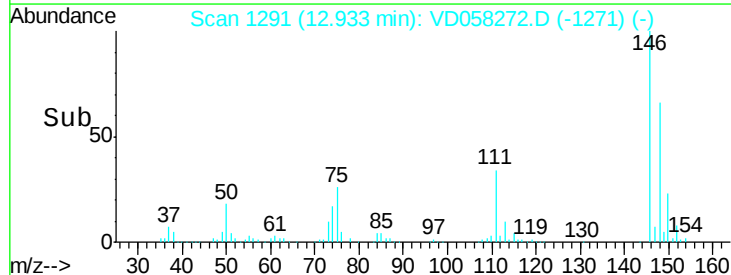
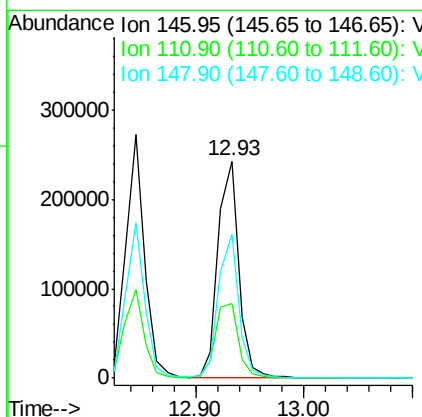
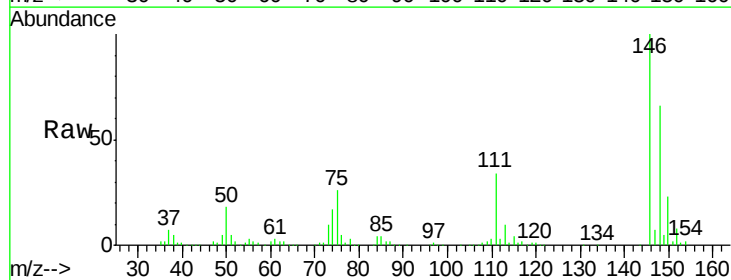
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBSD02

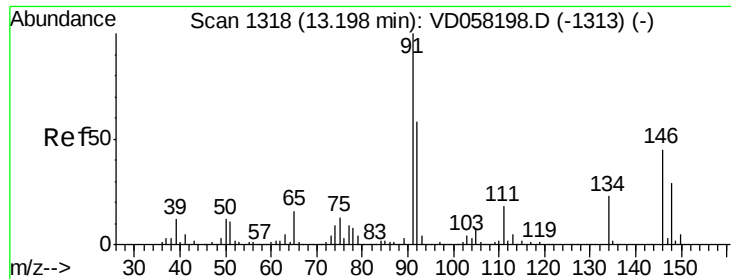
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.0
148	63.8	32.8	98.4



#88
 1,4-Dichlorobenzene
 Concen: 21.93 ug/l
 RT: 12.93 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.4	17.2	51.5
148	66.4	33.1	99.3

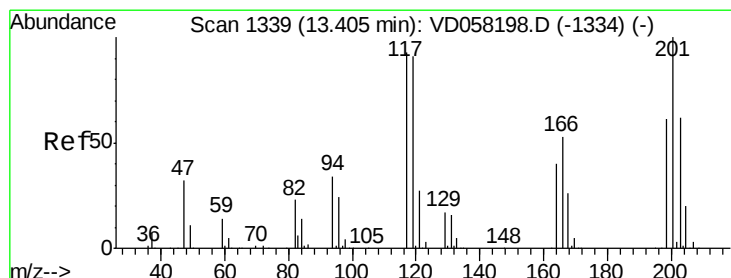
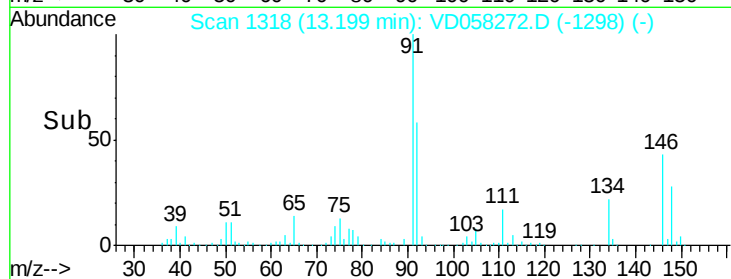
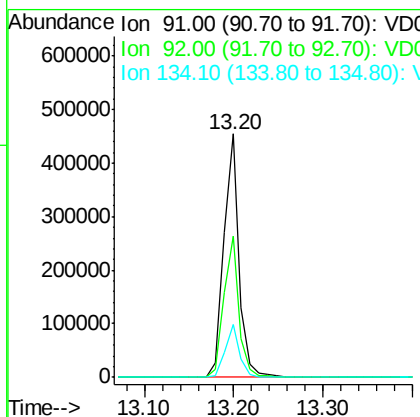
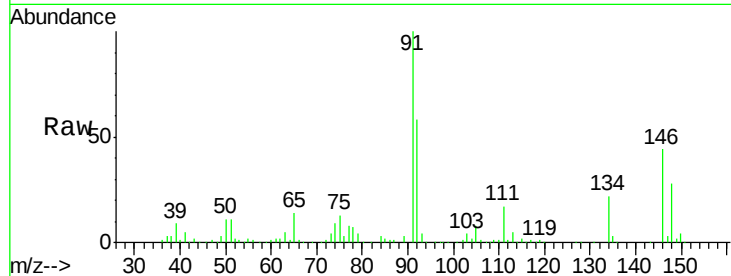




#89
n-Butylbenzene
Concen: 20.94 ug/l
RT: 13.20 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

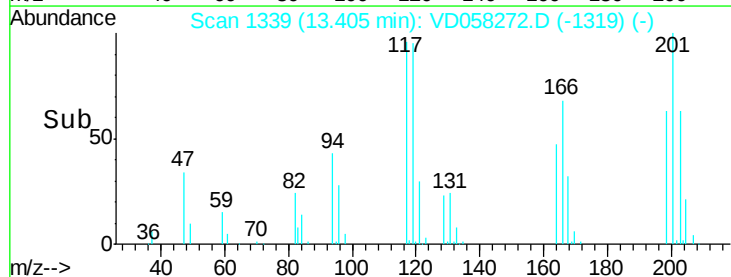
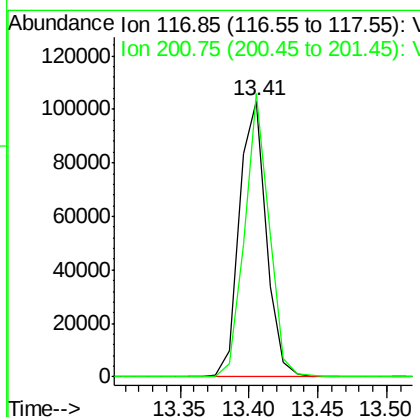
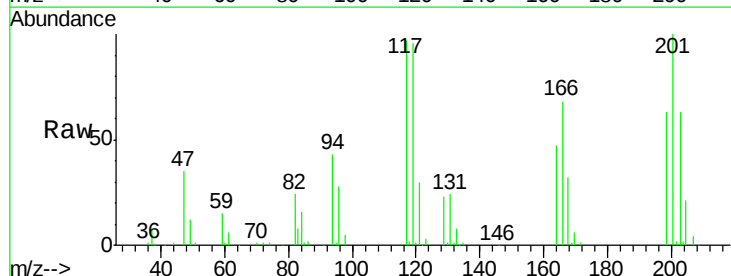
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBS02

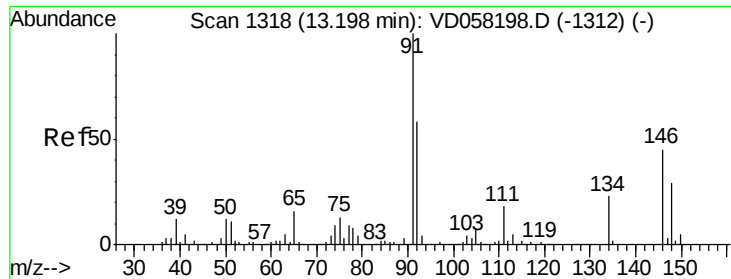
Tot Ion: 91 Resp: 549847
Ion Ratio Lower Upper
91 100
92 57.9 29.2 87.6
134 21.9 11.3 33.8



#90
Hexachloroethane
Concen: 21.62 ug/l
RT: 13.41 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VD058272.D
Acq: 22 Jun 2018 2:27

Tgt Ion: 117 Resp: 140187
Ion Ratio Lower Upper
117 100
201 102.6 53.8 161.4

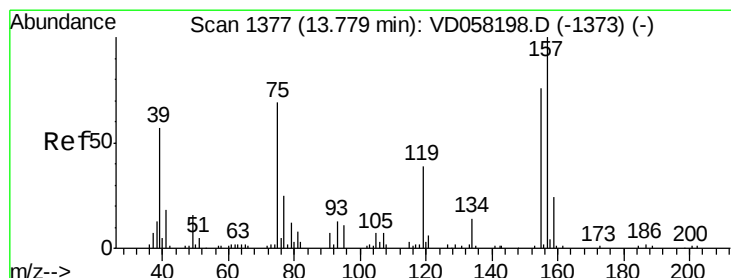
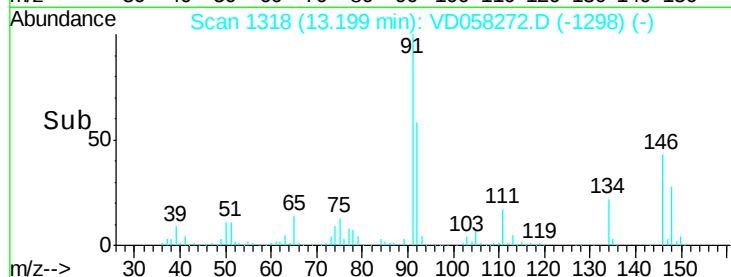
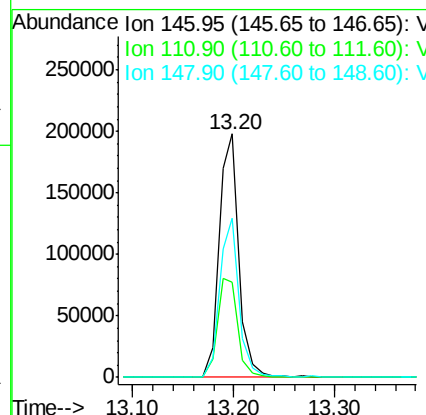
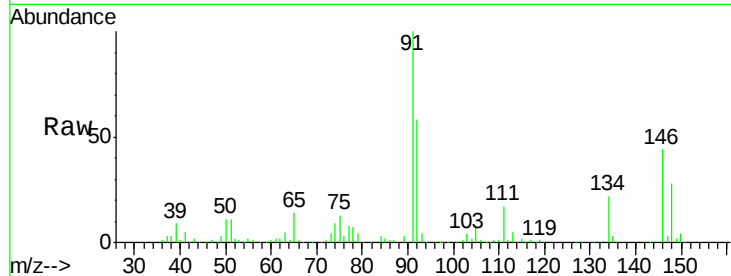




#91
 1,2-Dichlorobenzene
 Concen: 20.89 ug/l
 RT: 13.20 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

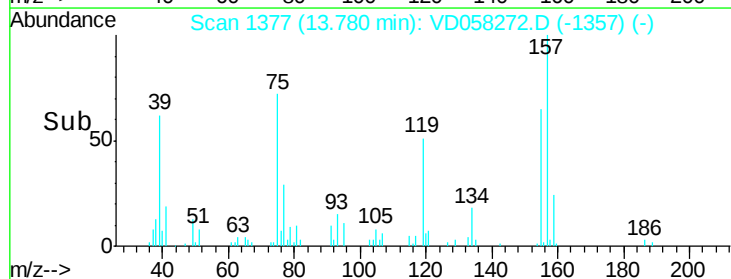
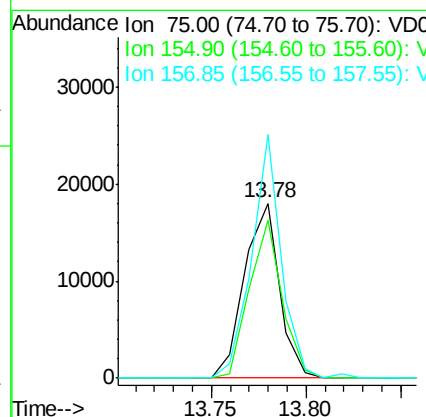
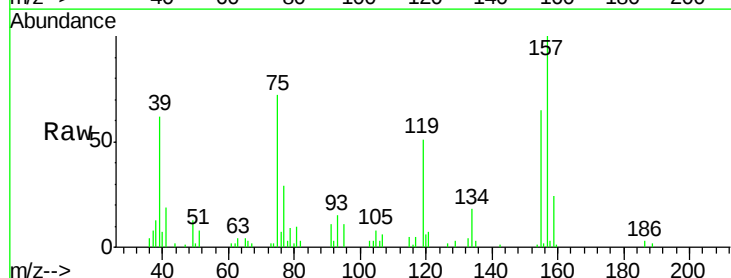
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS02

Tot Ion:146 Resp: 271306
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 65.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.13 ug/l
 RT: 13.78 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion: 75 Resp: 22953
 Ion Ratio Lower Upper
 75 100
 155 90.5 54.5 163.5
 157 139.1 72.0 215.9

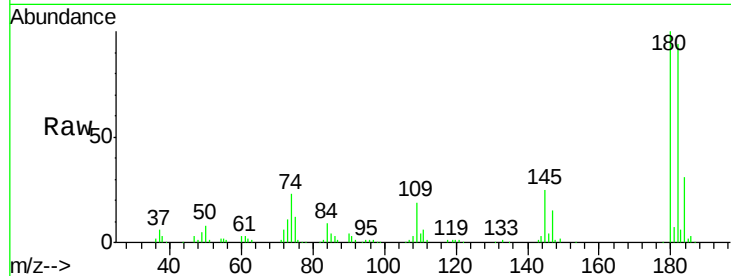




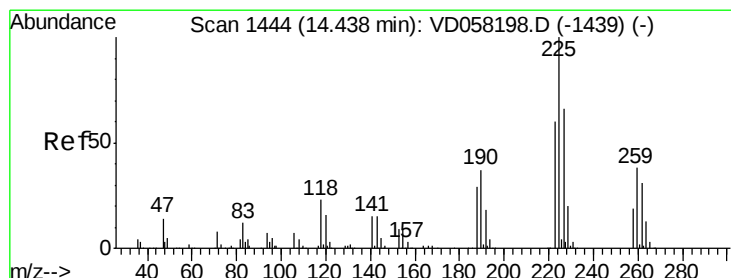
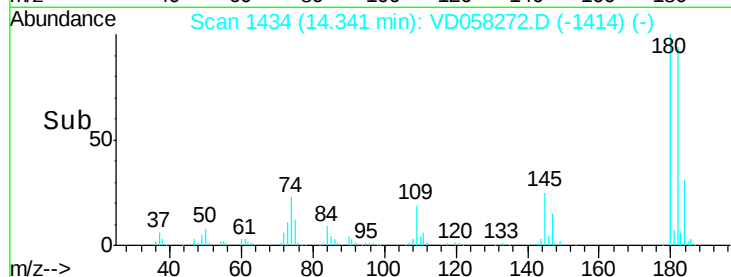
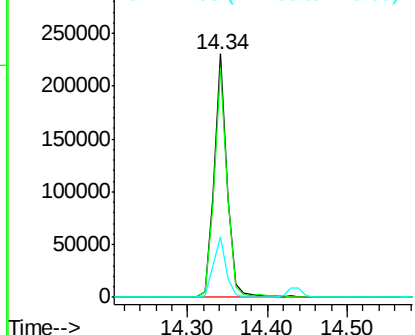
#93
 1,2,4-Trichlorobenzene
 Concen: 21.48 ug/l
 RT: 14.34 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBSD02

Tot Ion:180 Resp: 266885
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.1 141.3
 145 24.7 11.7 35.0

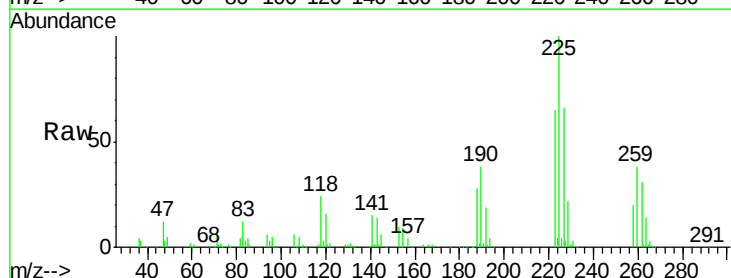


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

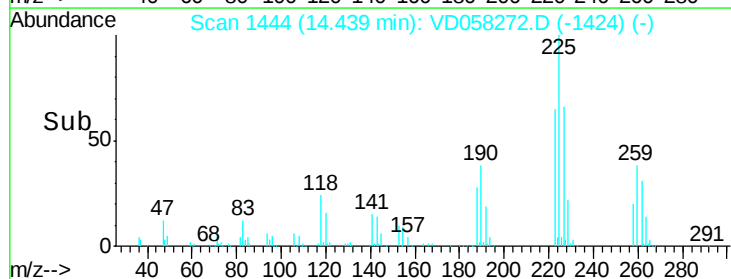
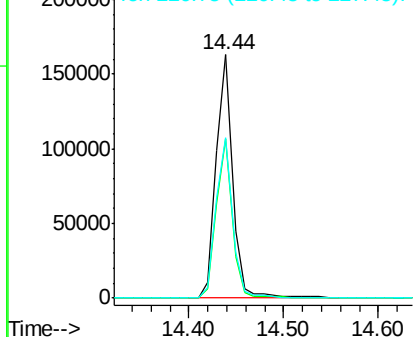


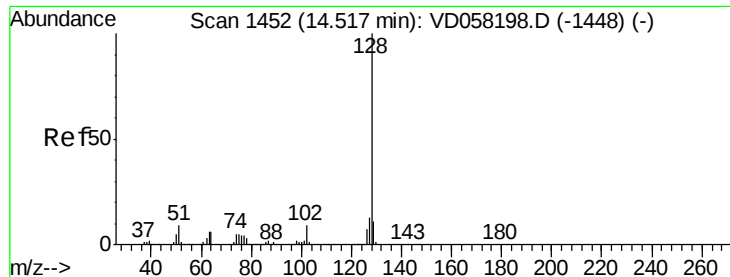
#94
 Hexachlorobutadiene
 Concen: 20.42 ug/l
 RT: 14.44 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VD058272.D
 Acq: 22 Jun 2018 2:27

Tgt Ion:225 Resp: 198418
 Ion Ratio Lower Upper
 225 100
 223 65.2 30.1 90.3
 227 66.1 33.0 98.9



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: 22.18 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBSD02

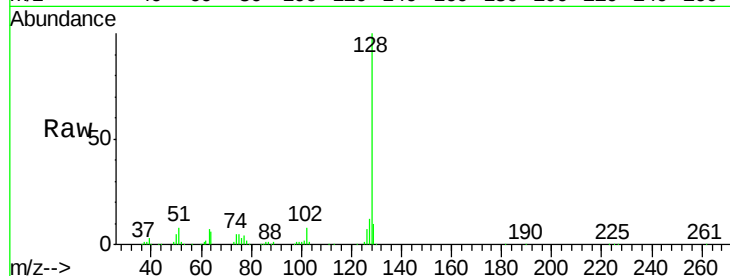
Tot Ion:128 Resp: 363031

Ion Ratio Lower Upper

128 100

127 12.2 10.0 15.0

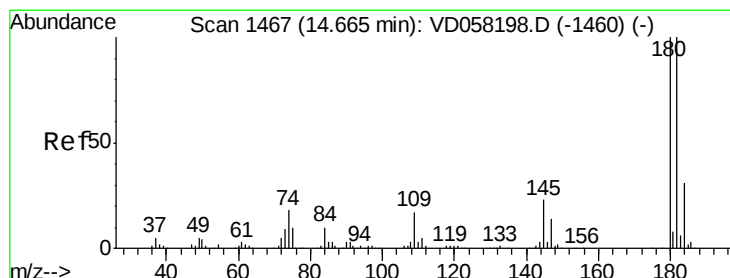
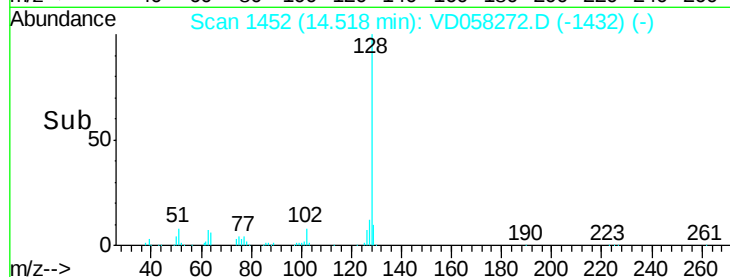
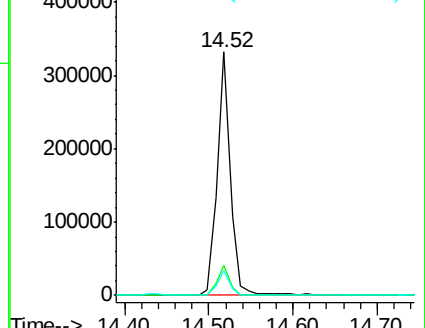
129 10.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.63 ug/l

RT: 14.67 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VD058272.D

Acq: 22 Jun 2018 2:27

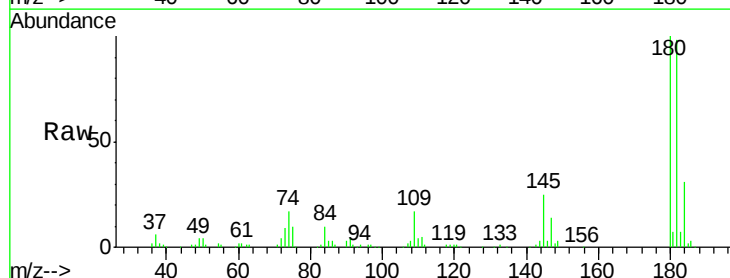
Tgt Ion:180 Resp: 224341

Ion Ratio Lower Upper

180 100

182 97.8 49.9 149.6

145 25.4 11.7 35.1



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

