

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012819\
 Data File : VD060792.D
 Acq On : 28 Jan 2019 15:42
 Operator : JC/SY
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 12:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 12:47:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.80	168	562560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.98	114	833391	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	671485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	343704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.22	65	92264	10.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.40%	
35) Dibromofluoromethane	6.68	113	78457	9.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.64%	
50) Toluene-d8	10.19	98	188517	10.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.20%	
62) 4-Bromofluorobenzene	13.36	95	95572	10.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.38%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.59	85	59092	8.639 ug/l	94
3) Chloromethane	1.77	50	39426	9.628 ug/l #	85
4) Vinyl Chloride	1.86	62	41210	9.481 ug/l #	89
5) Bromomethane	2.15	94	13826	9.472 ug/l	91
6) Chloroethane	2.25	64	16380	10.470 ug/l #	86
7) Trichlorofluoromethane	2.50	101	85704	10.016 ug/l	86
8) Diethyl Ether	2.80	74	12017	9.531 ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.07	101	41668	9.609 ug/l	94
10) Methyl Iodide	3.22	142	38597	8.501 ug/l	92
11) Tert butyl alcohol	3.92	59	19913	48.314 ug/l	98
12) 1,1-Dichloroethene	3.05	96	28550	9.634 ug/l	95
13) Acrolein	2.97	56	10774	64.388 ug/l #	72
14) Allyl chloride	3.51	41	63685	9.235 ug/l	97
15) Acrylonitrile	4.06	53	48739	52.777 ug/l	94
16) Acetone	3.13	43	57379	46.240 ug/l	99
17) Carbon Disulfide	3.30	76	103377	9.848 ug/l	100
18) Methyl Acetate	3.53	43	21689	8.783 ug/l	97
19) Methyl tert-butyl Ether	4.08	73	130939	9.679 ug/l	98
20) Methylene Chloride	3.69	84	67510	10.632 ug/l	95
21) trans-1,2-Dichloroethene	4.06	96	54763	10.483 ug/l	94
22) Diisopropyl ether	4.90	45	173475	9.762 ug/l	94
23) Vinyl Acetate	4.84	43	515263	50.350 ug/l	100
24) 1,1-Dichloroethane	4.77	63	118896	10.220 ug/l	97
25) 2-Butanone	5.85	43	77312	48.490 ug/l	94
26) 2,2-Dichloropropane	5.80	77	119528	9.751 ug/l	97
27) cis-1,2-Dichloroethene	5.80	96	57006	9.581 ug/l	91
28) Bromochloromethane	6.21	49	45014	9.919 ug/l	88
29) Tetrahydrofuran	6.23	42	38330	50.061 ug/l	97
30) Chloroform	6.43	83	134398	9.774 ug/l	95
31) Cyclohexane	6.72	56	75366	9.522 ug/l	98
32) 1,1,1-Trichloroethane	6.63	97	129609	9.788 ug/l	93
36) 1,1-Dichloropropene	6.91	75	98729	9.922 ug/l	98
37) Ethyl Acetate	5.96	43	42672	9.607 ug/l #	94
38) Carbon Tetrachloride	6.88	117	115520	9.258 ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.63	83	78364	9.404	ug/l	96
40) Benzene	7.22	78	180792	9.206	ug/l	100
41) Methacrylonitrile	6.23	41	50983	17.455	ug/l #	94
42) 1,2-Dichloroethane	7.34	62	108596	9.518	ug/l	97
43) Isopropyl Acetate	9.01	43	49623	8.566	ug/l #	87
44) Trichloroethene	8.31	130	59553	8.945	ug/l	93
45) 1,2-Dichloropropane	8.71	63	49360	9.285	ug/l	92
46) Dibromomethane	8.83	93	37788	9.156	ug/l	99
47) Bromodichloromethane	9.14	83	95678	8.589	ug/l	99
48) Methyl methacrylate	8.89	41	35381	8.856	ug/l	97
49) 1,4-Dioxane	8.86	88	5054	163.172	ug/l #	89
51) 4-Methyl-2-Pentanone	10.08	43	163968	43.705	ug/l	99
52) Toluene	10.29	92	121846	9.781	ug/l	94
53) t-1,3-Dichloropropene	10.69	75	95062	9.702	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	91065	9.063	ug/l	97
55) 1,1,2-Trichloroethane	10.98	97	40175	9.459	ug/l	93
56) Ethyl methacrylate	10.83	69	48925	9.509	ug/l	91
57) 1,3-Dichloropropane	11.19	76	68375	9.420	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.63	63	137437	50.910	ug/l	99
59) 2-Hexanone	11.32	43	139062	49.297	ug/l	95
60) Dibromochloromethane	11.47	129	71506	9.365	ug/l	99
61) 1,2-Dibromoethane	11.60	107	48662	9.728	ug/l	98
64) Tetrachloroethene	11.03	164	59087	9.588	ug/l	98
65) Chlorobenzene	12.19	112	149317	9.731	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.30	131	65012	9.861	ug/l	93
67) Ethyl Benzene	12.31	91	274328	9.942	ug/l	100
68) m/p-Xylenes	12.46	106	171300	19.082	ug/l	98
69) o-Xylene	12.85	106	88632	9.975	ug/l	94
70) Styrene	12.87	104	147975	9.931	ug/l	100
71) Bromoform	13.03	173	42302	8.516	ug/l	99
73) Isopropylbenzene	13.20	105	271770	9.917	ug/l	98
74) N-amyl acetate	13.06	43	75986	9.020	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.50	83	43610	8.740	ug/l	94
76) 1,2,3-Trichloropropane	13.54	75	58091	9.217	ug/l	98
77) Bromobenzene	13.47	156	69275	9.834	ug/l	92
78) n-propylbenzene	13.57	91	324825	9.442	ug/l	99
79) 2-Chlorotoluene	13.64	91	198947	9.482	ug/l	99
80) 1,3,5-Trimethylbenzene	14.04	105	220770	9.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.27	75	14031	8.539	ug/l	94
82) 4-Chlorotoluene	13.74	91	213880	9.171	ug/l	88
83) tert-Butylbenzene	13.99	119	222733	9.024	ug/l	98
84) 1,2,4-Trimethylbenzene	14.04	105	220770	9.358	ug/l	100
85) sec-Butylbenzene	14.17	105	280491	9.983	ug/l	97
86) p-Isopropyltoluene	14.29	119	234656	10.287	ug/l	96
87) 1,3-Dichlorobenzene	14.25	146	119209	9.461	ug/l	97
88) 1,4-Dichlorobenzene	14.34	146	121560	9.930	ug/l	99
89) n-Butylbenzene	14.60	91	239138	10.048	ug/l	98
90) Hexachloroethane	14.81	117	64949	9.568	ug/l	98
91) 1,2-Dichlorobenzene	14.61	146	104446	9.987	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.18	75	10044	8.473	ug/l #	48

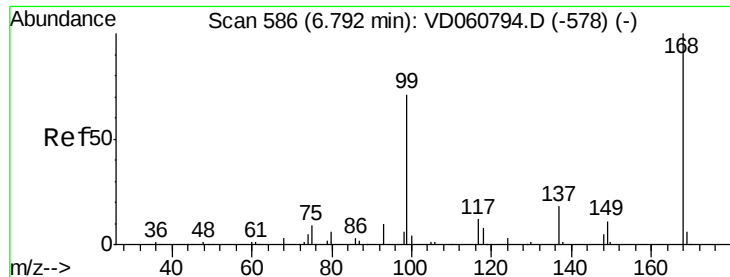
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	87649	9.679	ug/l	97
94) Hexachlorobutadiene	15.84	225	64577	9.504	ug/l	97
95) Naphthalene	15.93	128	114299	8.215	ug/l	98
96) 1,2,3-Trichlorobenzene	16.07	180	77855	9.887	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.80 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

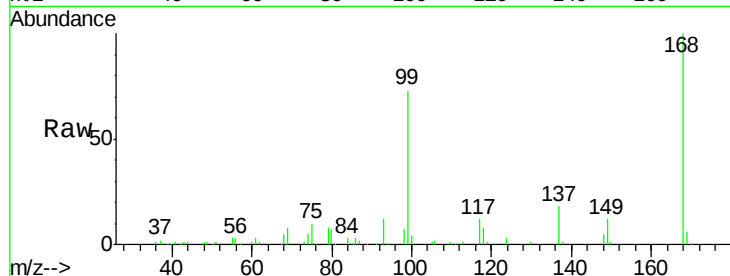
ClientSampleId :

Tgt Ion: 168 Resp: 562560

Ion Ratio Lower Upper

168 100

99 73.3 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.80

150000

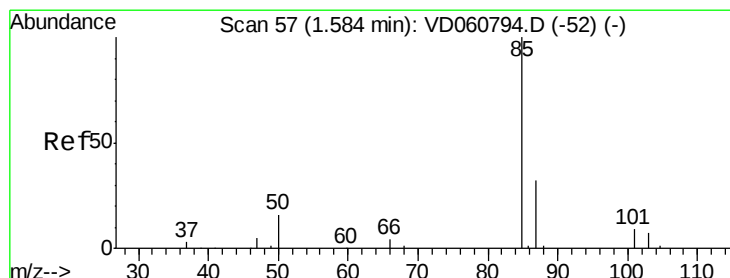
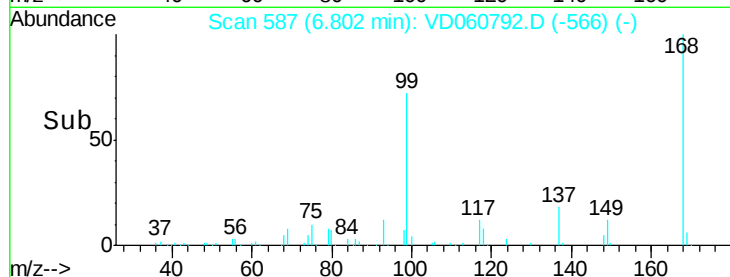
100000

50000

0

Time-->

6.70 6.80 6.90 7.00



#2

Dichlorodifluoromethane

Concen: 8.639 ug/l

RT: 1.59 min Scan# 58

Delta R.T. 0.01 min

Lab File: VD060792.D

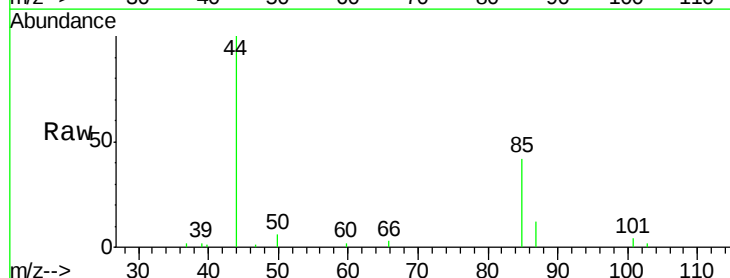
Acq: 28 Jan 2019 15:42

Tgt Ion: 85 Resp: 59092

Ion Ratio Lower Upper

85 100

87 28.9 16.2 48.5



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.59

15000

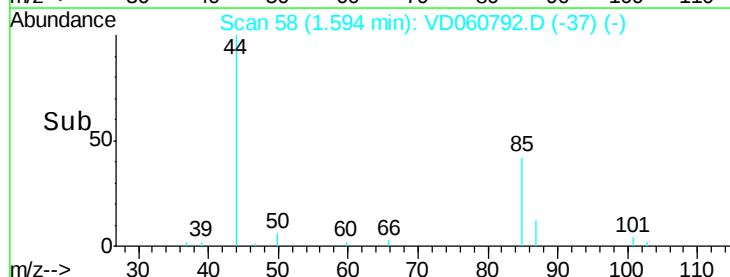
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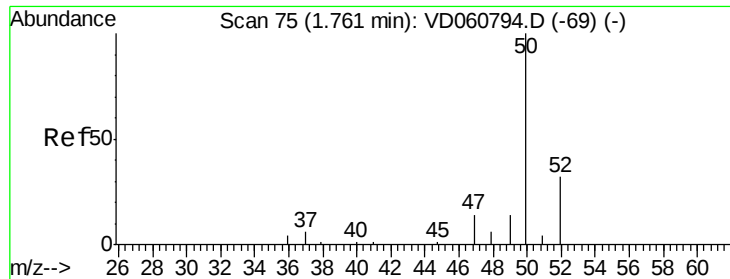
5000

0

Time-->

1.50 1.60 1.70 1.80





#3

Chloromethane

Concen: 9.628 ug/l

RT: 1.77 min Scan# 76

Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

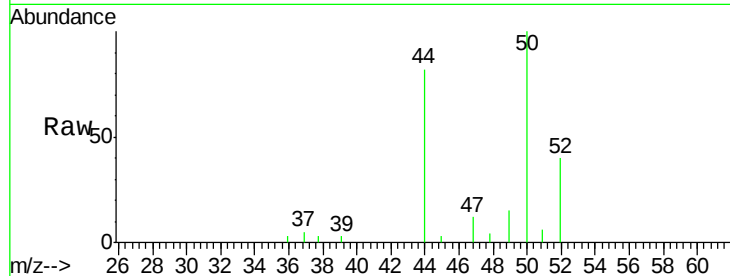
ClientSampleId :

Tgt Ion: 50 Resp: 39426

Ion Ratio Lower Upper

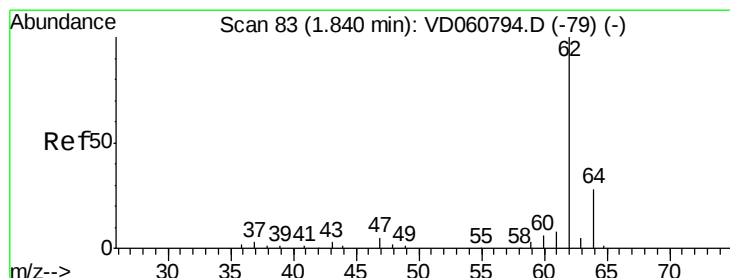
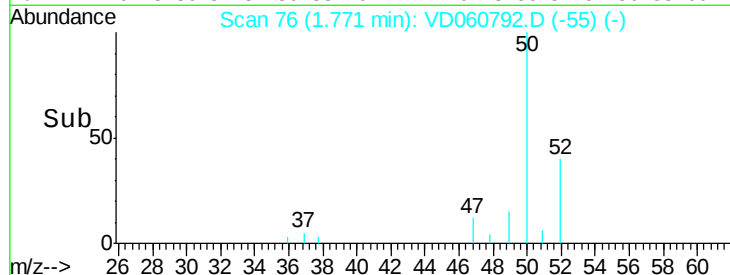
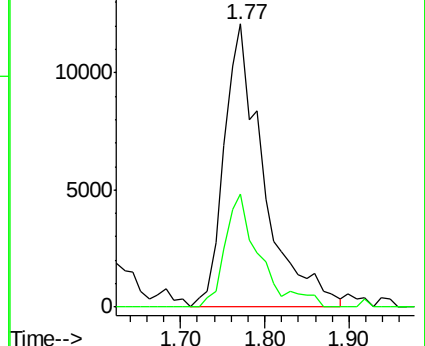
50 100

52 40.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 9.481 ug/l

RT: 1.86 min Scan# 85

Delta R.T. 0.02 min

Lab File: VD060792.D

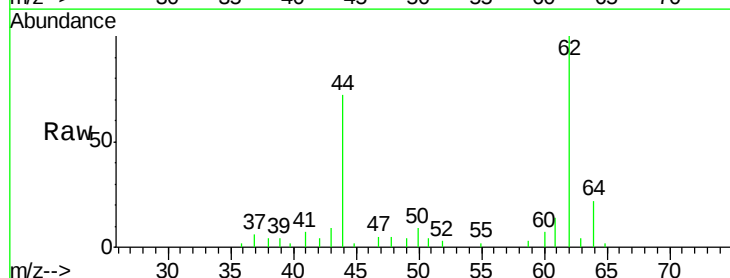
Acq: 28 Jan 2019 15:42

Tgt Ion: 62 Resp: 41210

Ion Ratio Lower Upper

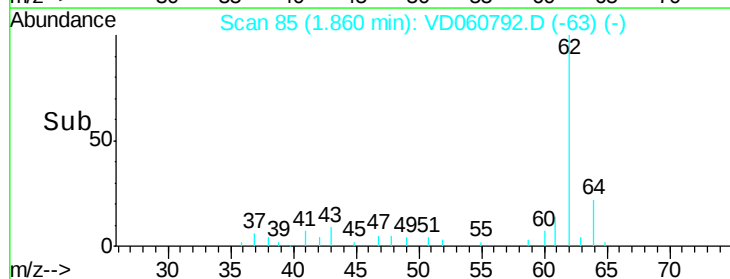
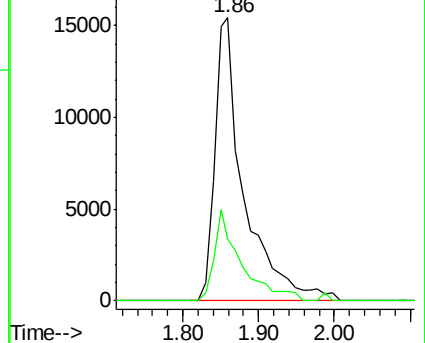
62 100

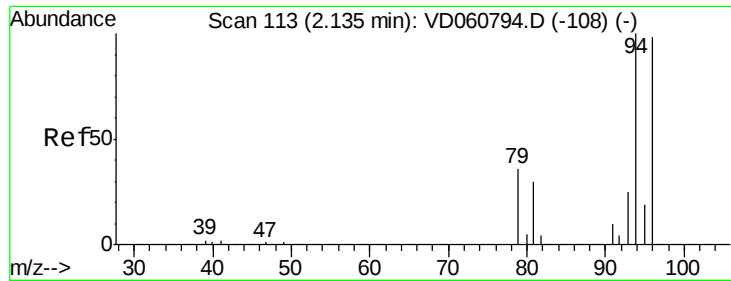
64 21.8 22.1 33.1#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

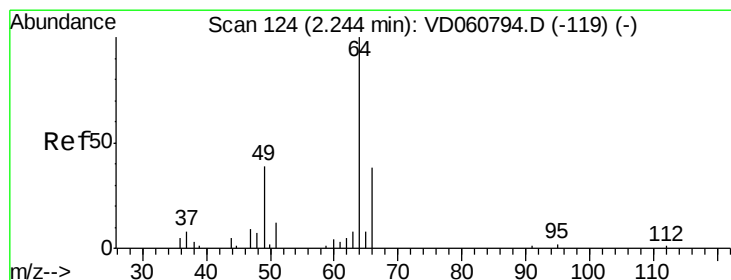
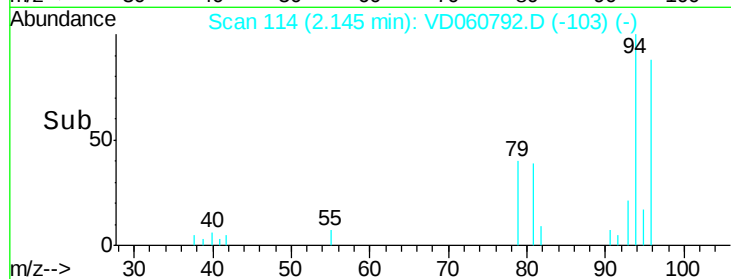
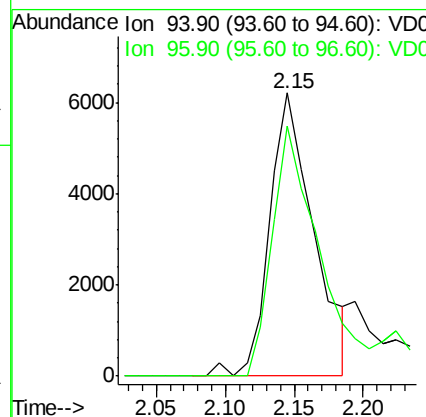
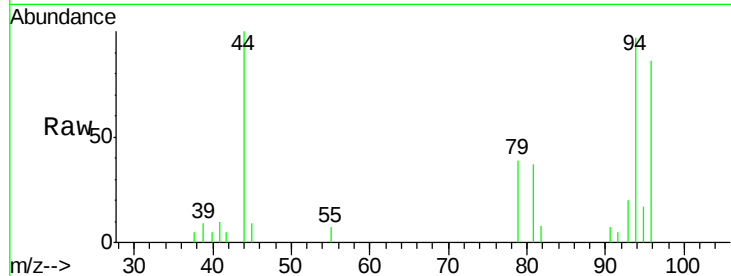




#5
Bromomethane
Concen: 9.472 ug/l
RT: 2.15 min Scan# 114
Delta R.T. 0.01 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

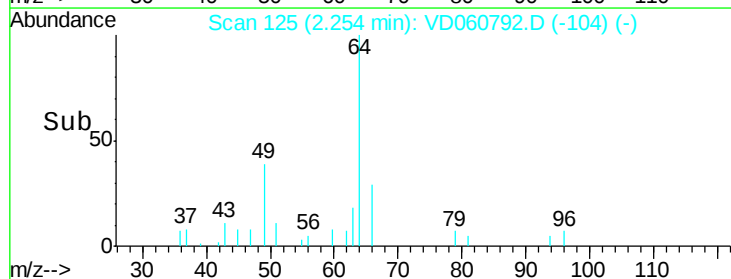
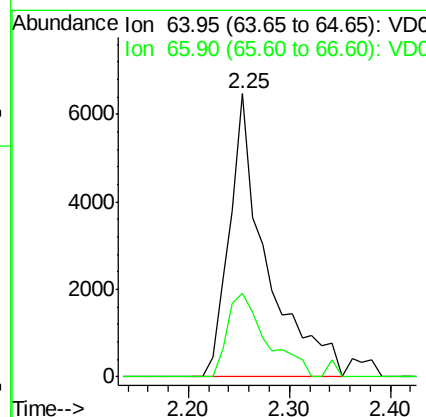
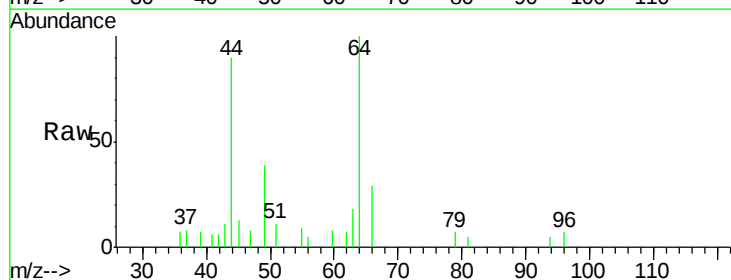
Instrument :
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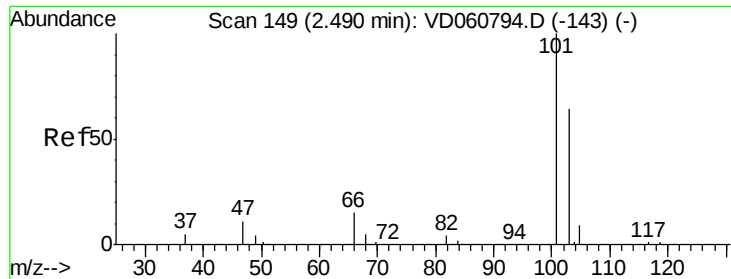
Tgt Ion: 94 Resp: 13826
Ion Ratio Lower Upper
94 100
96 88.3 78.0 117.0



#6
Chloroethane
Concen: 10.470 ug/l
RT: 2.25 min Scan# 125
Delta R.T. 0.01 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 64 Resp: 16380
Ion Ratio Lower Upper
64 100
66 29.4 30.2 45.4#



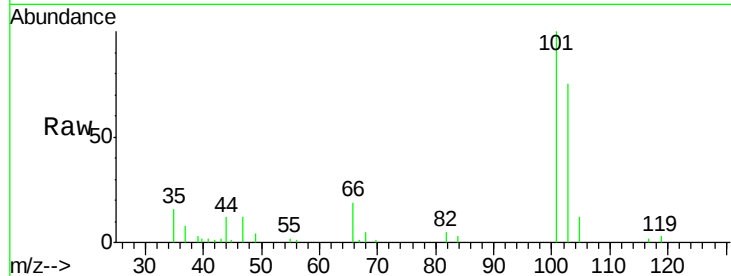


#7

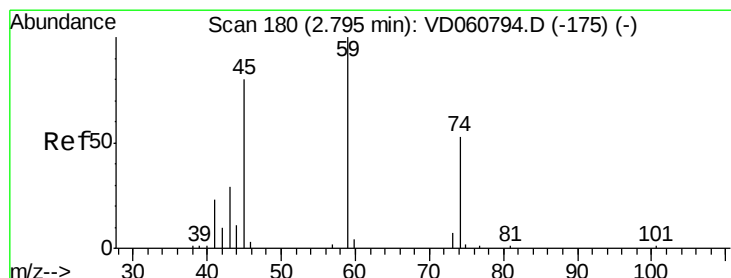
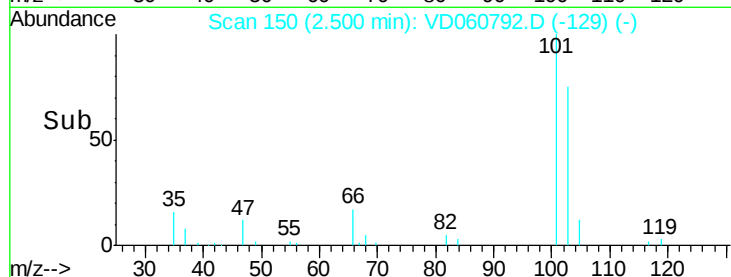
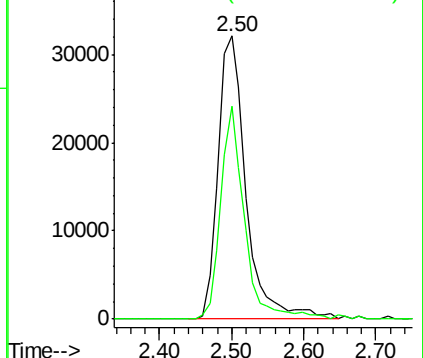
Trichlorofluoromethane
Concen: 10.016 ug/l
RT: 2.50 min Scan# 150
Delta R.T. 0.01 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 101 Resp: 85704
Ion Ratio Lower Upper
101 100
103 75.2 51.3 76.9



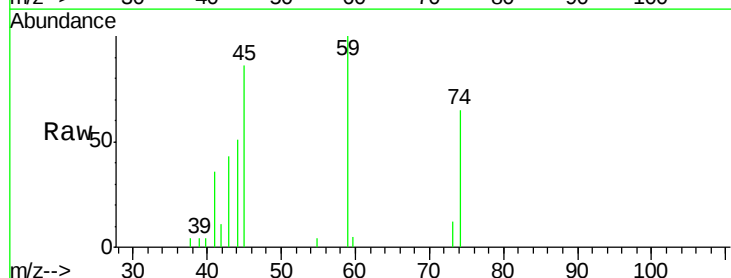
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



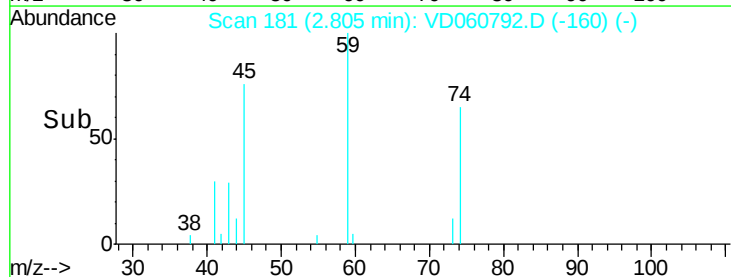
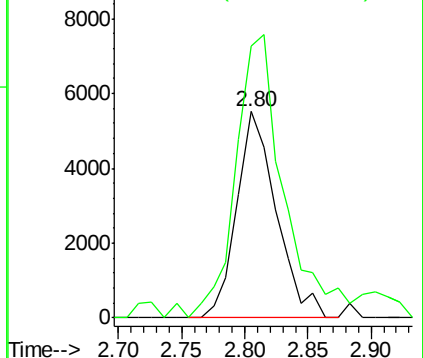
#8

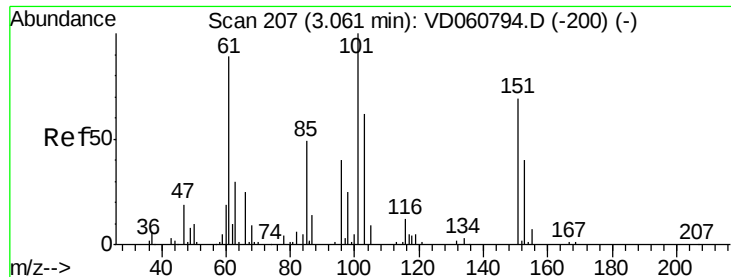
Diethyl Ether
Concen: 9.531 ug/l
RT: 2.80 min Scan# 181
Delta R.T. 0.01 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 74 Resp: 12017
Ion Ratio Lower Upper
74 100
45 132.2 75.6 226.8



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: 9.609 ug/l

RT: 3.07 min Scan# 208

Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

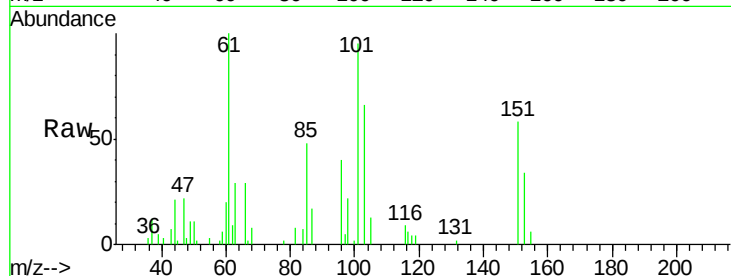
Tgt Ion:101 Resp: 41668

Ion Ratio Lower Upper

101 100

85 49.9 39.3 58.9

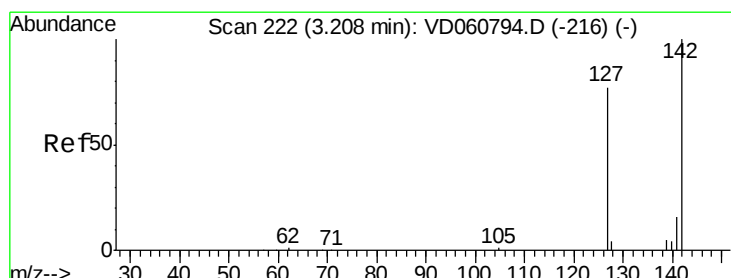
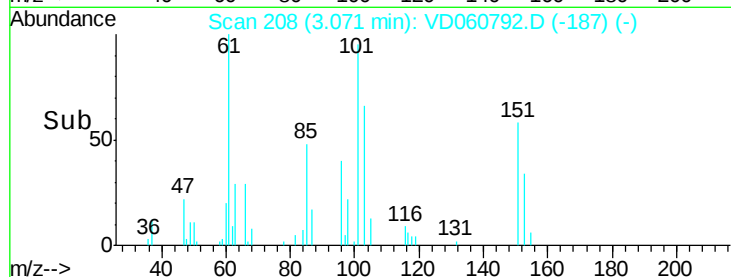
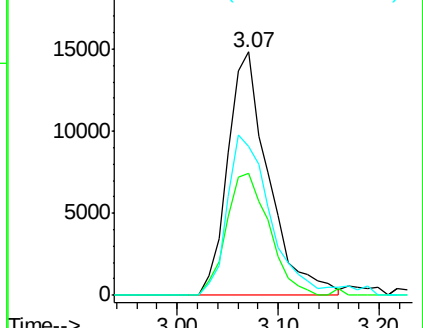
151 61.3 55.1 82.7



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: 8.501 ug/l

RT: 3.22 min Scan# 223

Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

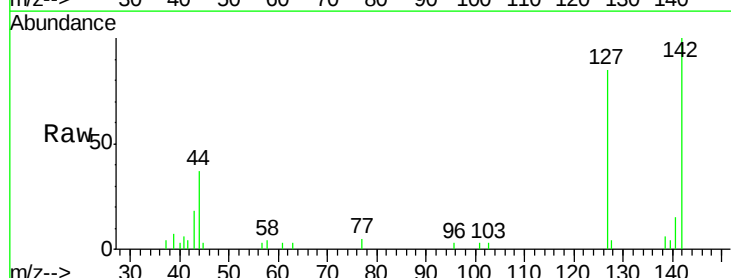
Tgt Ion:142 Resp: 38597

Ion Ratio Lower Upper

142 100

127 85.0 61.6 92.4

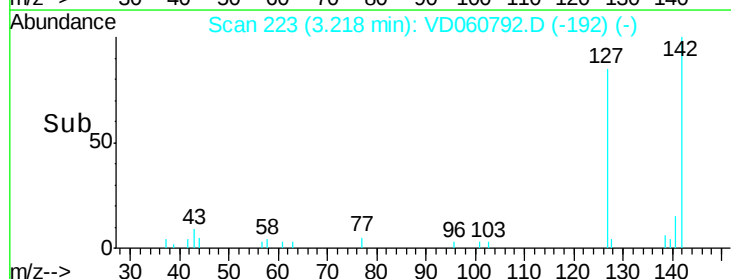
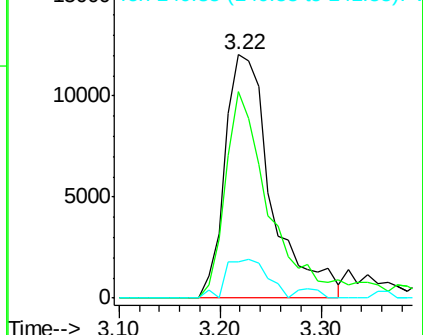
141 15.1 12.5 18.7

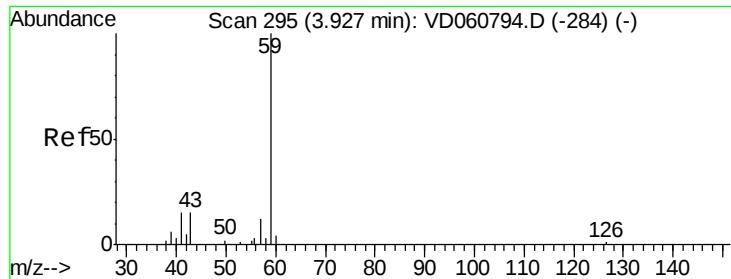


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



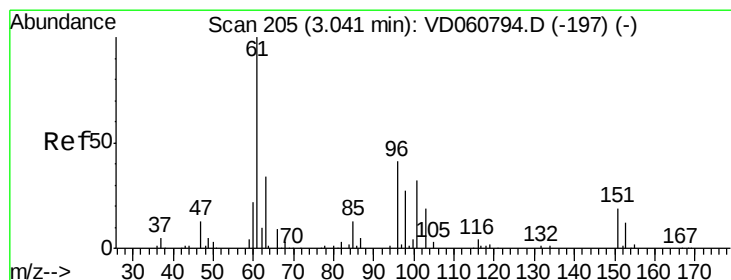
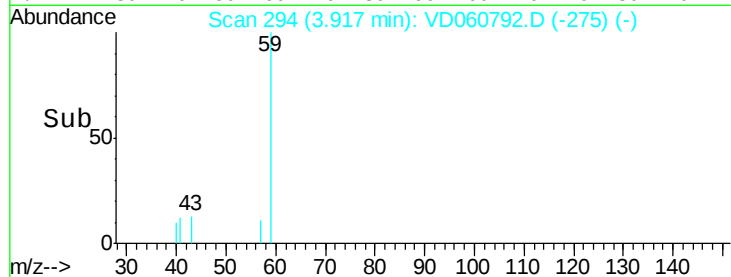
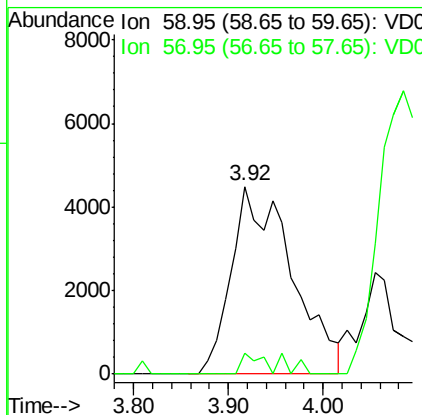
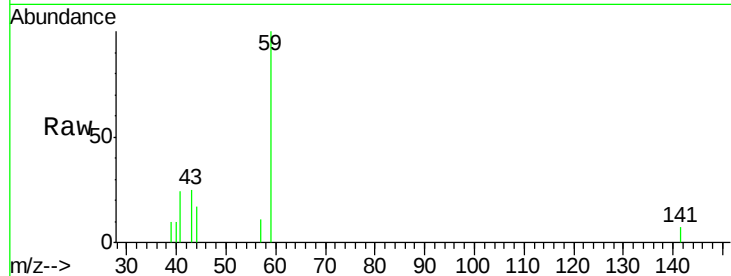


#11

Tert butyl alcohol
 Concen: 48.314 ug/l
 RT: 3.92 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Instrument :
 MSVOA_D
 ClientSampleId :

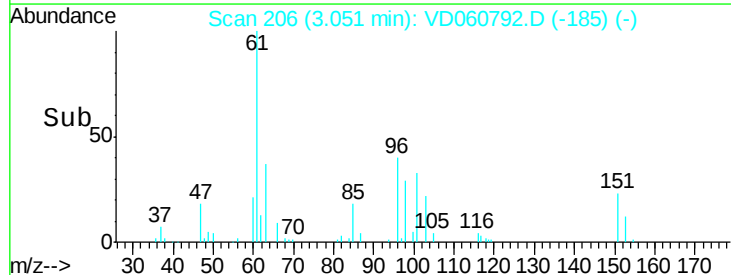
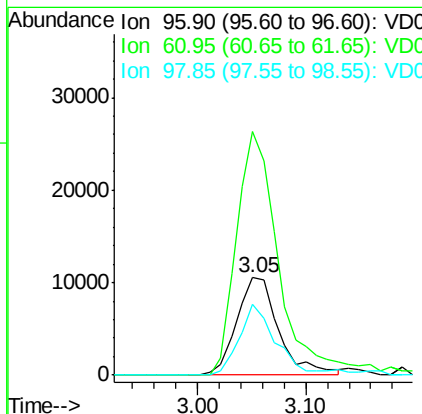
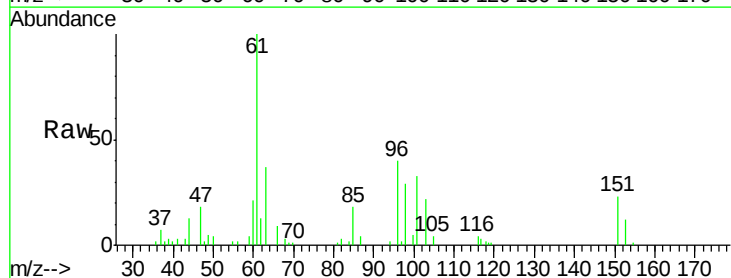
Tgt Ion: 59 Resp: 19913
 Ion Ratio Lower Upper
 59 100
 57 11.4 9.8 14.6

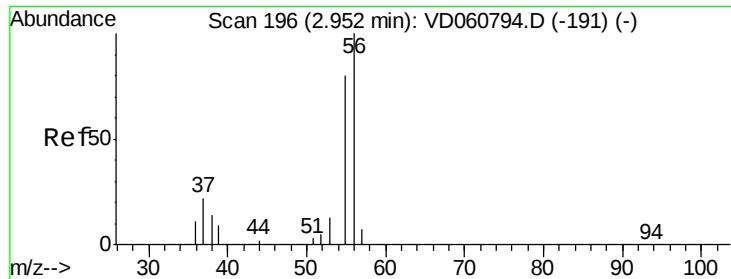


#12

1,1-Dichloroethene
 Concen: 9.634 ug/l
 RT: 3.05 min Scan# 206
 Delta R.T. 0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 96 Resp: 28550
 Ion Ratio Lower Upper
 96 100
 61 249.8 195.1 292.7
 98 72.7 52.5 78.7

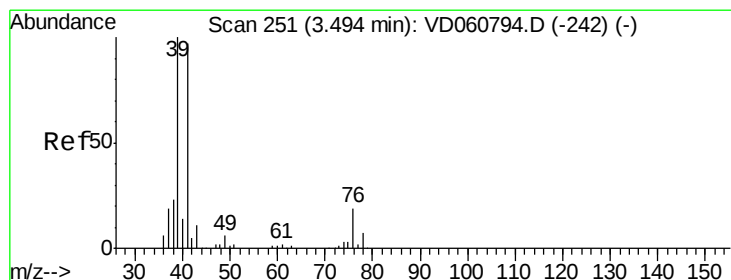
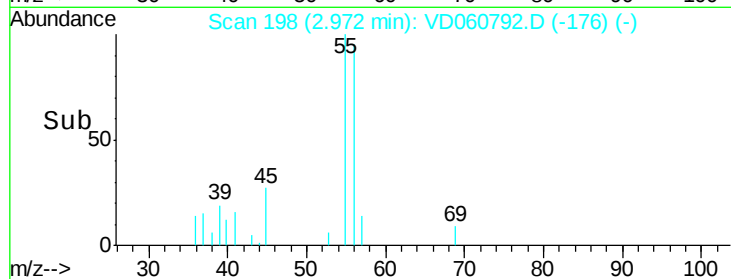
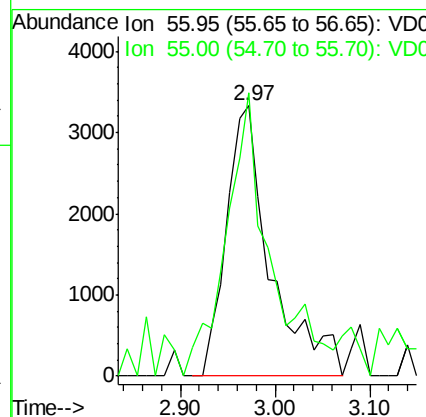
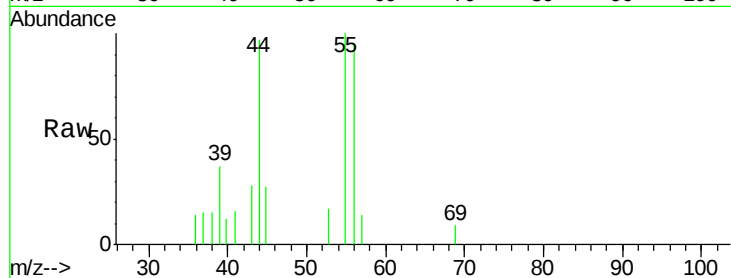




#13
 Acrolein
 Concen: 64.388 ug/l
 RT: 2.97 min Scan# 198
 Delta R.T. 0.02 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

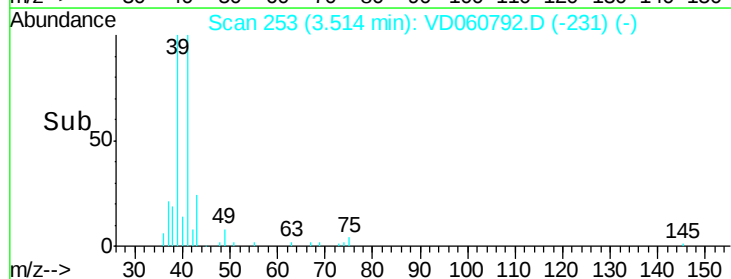
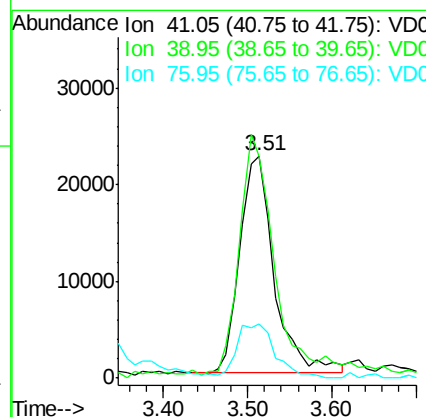
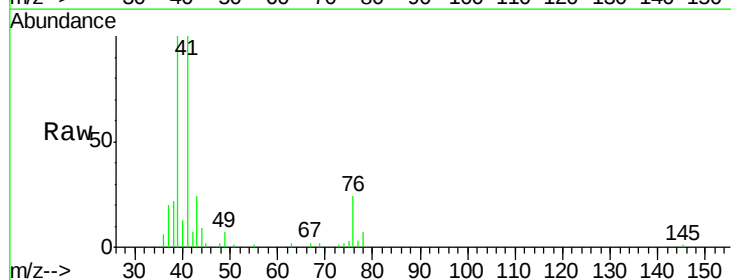
Instrument :
 MSVOA_D
 ClientSampleId :

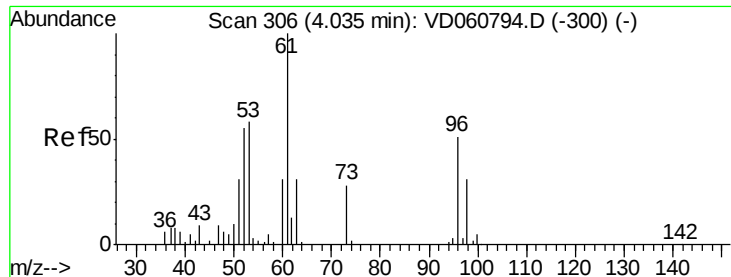
Tgt Ion: 56 Resp: 10774
 Ion Ratio Lower Upper
 56 100
 55 104.8 64.2 96.2#



#14
 Allyl chloride
 Concen: 9.235 ug/l
 RT: 3.51 min Scan# 253
 Delta R.T. 0.02 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 41 Resp: 63685
 Ion Ratio Lower Upper
 41 100
 39 100.0 82.6 123.8
 76 24.2 18.9 28.3





#15

Acrylonitrile

Concen: 52.777 ug/l

RT: 4.06 min Scan# 308

Delta R.T. 0.02 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

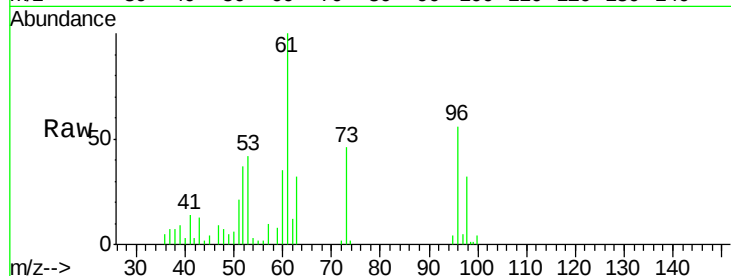
Tgt Ion: 53 Resp: 48739

Ion Ratio Lower Upper

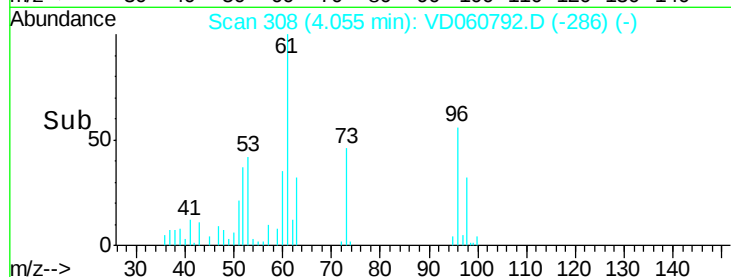
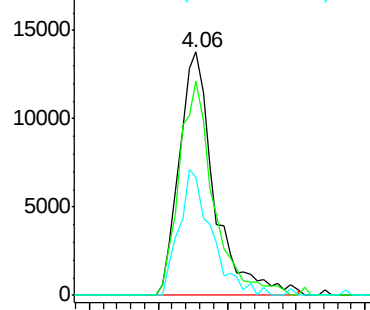
53 100

52 88.2 75.4 113.2

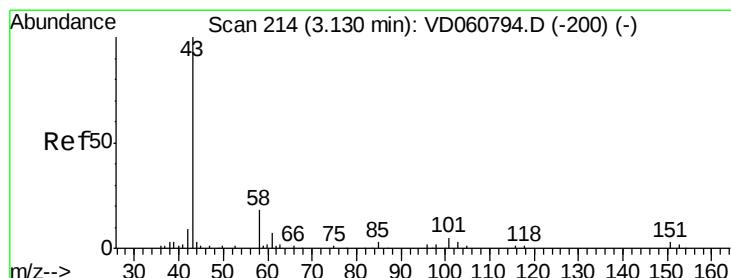
51 48.8 42.5 63.7



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



Time-->



#16

Acetone

Concen: 46.240 ug/l

RT: 3.13 min Scan# 214

Delta R.T. -0.00 min

Lab File: VD060792.D

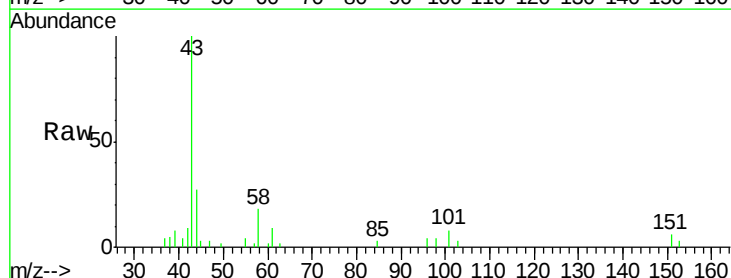
Acq: 28 Jan 2019 15:42

Tgt Ion: 43 Resp: 57379

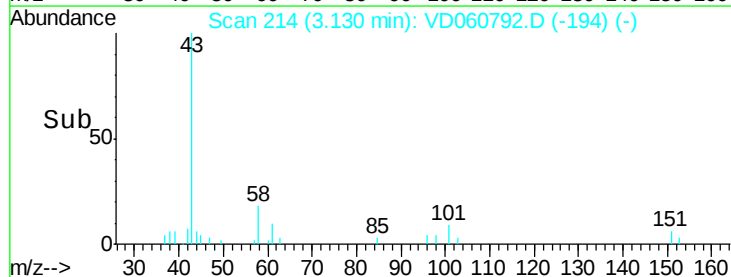
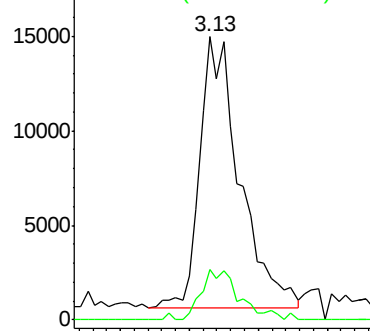
Ion Ratio Lower Upper

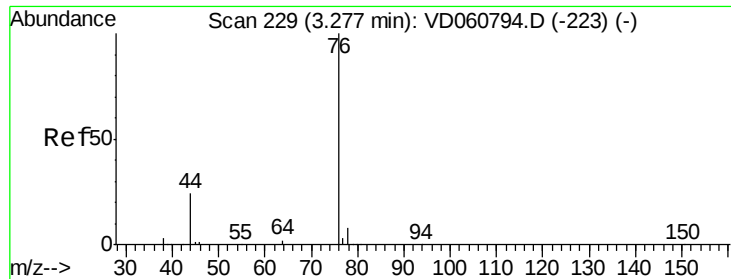
43 100

58 17.6 14.5 21.7



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

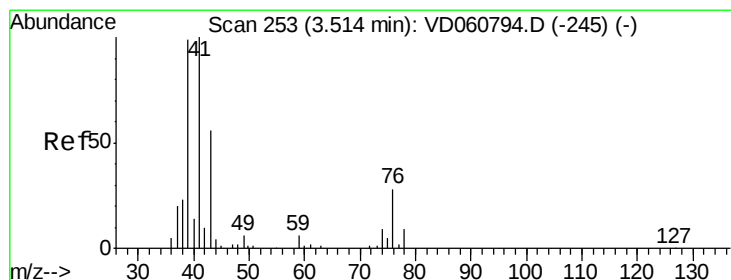
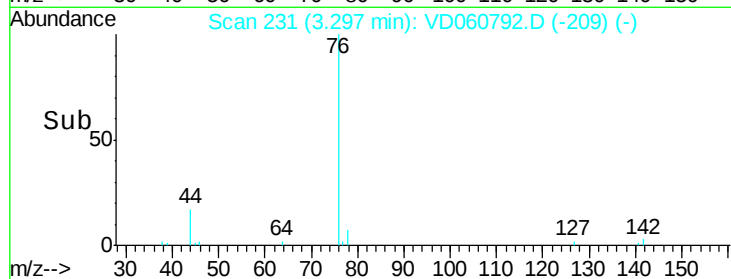
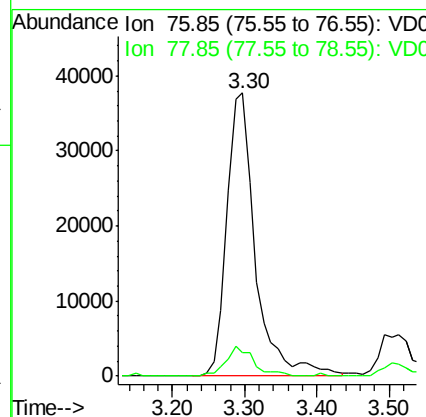
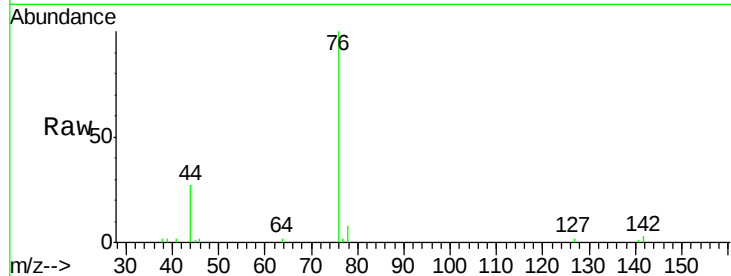




#17
Carbon Disulfide
Concen: 9.848 ug/l
RT: 3.30 min Scan# 231
Delta R.T. 0.02 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

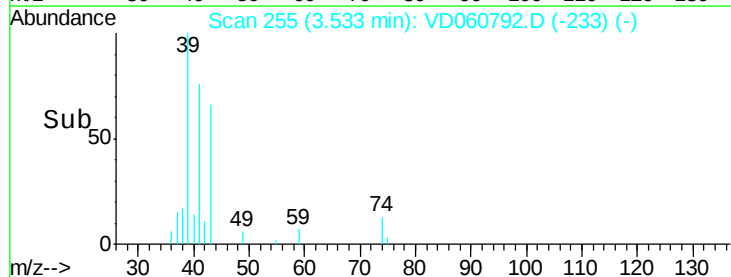
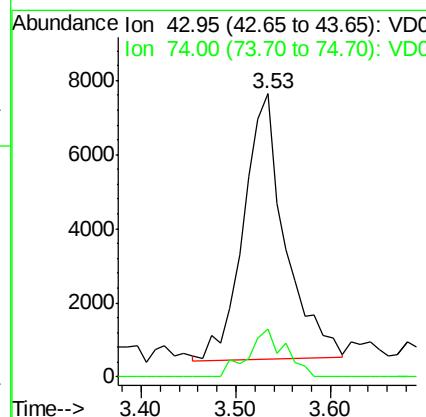
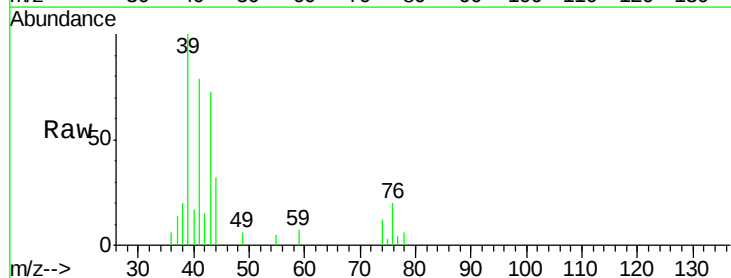
Instrument :
MSVOA_D
ClientSampleId :

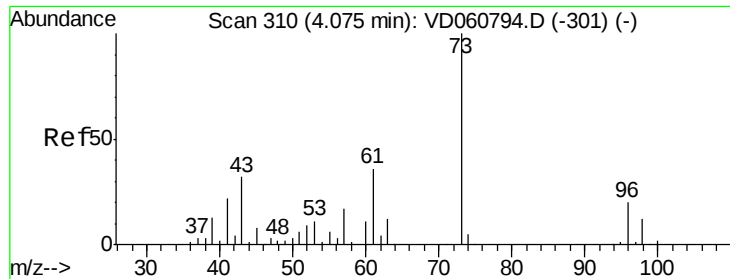
Tgt Ion: 76 Resp: 103377
Ion Ratio Lower Upper
76 100
78 8.2 6.5 9.7



#18
Methyl Acetate
Concen: 8.783 ug/l
RT: 3.53 min Scan# 255
Delta R.T. 0.02 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 43 Resp: 21689
Ion Ratio Lower Upper
43 100
74 16.8 12.5 18.7

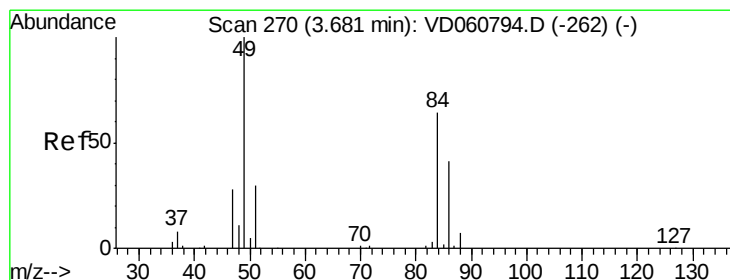
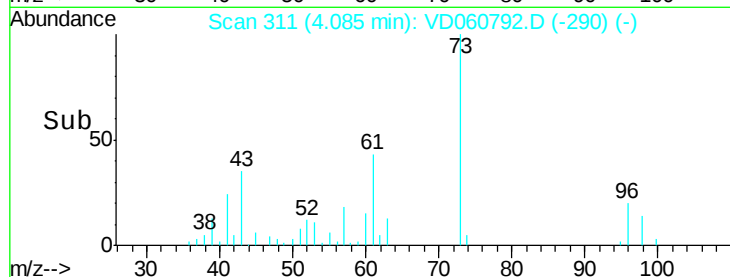
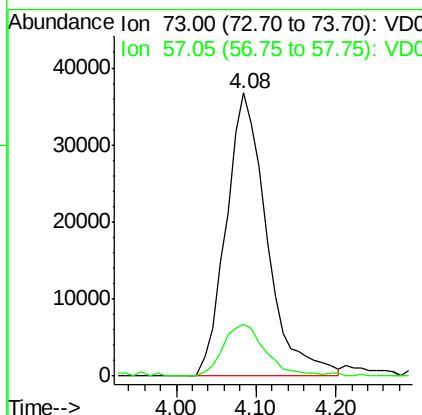
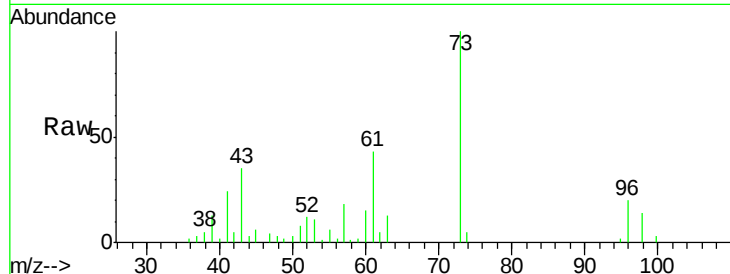




#19
Methyl tert-butyl Ether
Concen: 9.679 ug/l
RT: 4.08 min Scan# 311
Delta R.T. 0.01 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

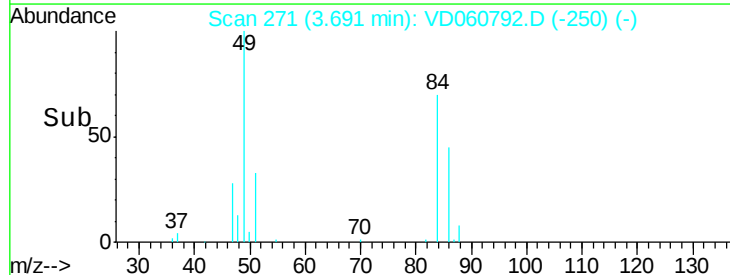
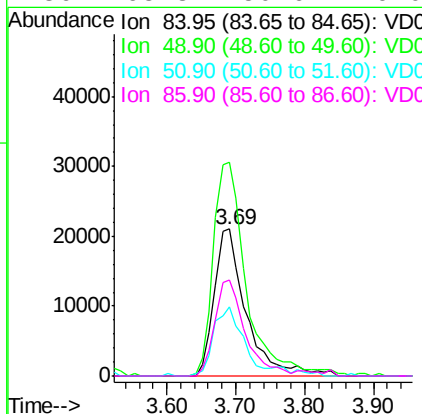
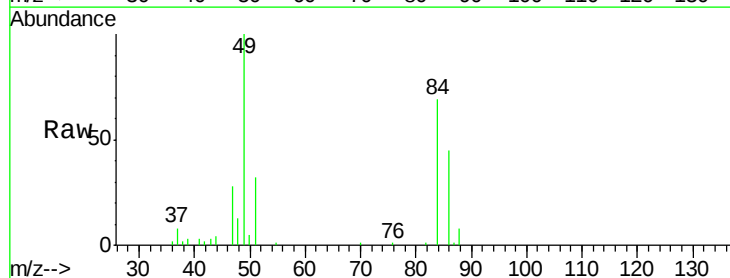
Instrument :
MSVOA_D
ClientSampleId :

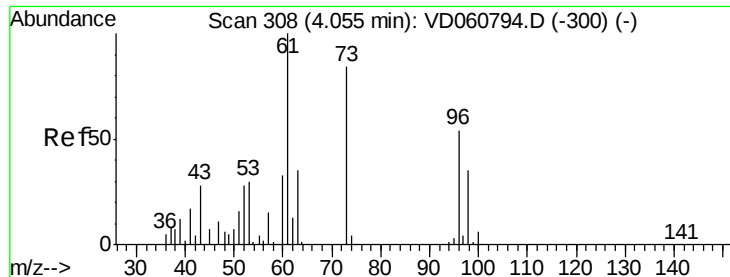
Tgt Ion: 73 Resp: 130939
Ion Ratio Lower Upper
73 100
57 18.4 14.0 21.0



#20
Methylene Chloride
Concen: 10.632 ug/l
RT: 3.69 min Scan# 271
Delta R.T. 0.01 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 84 Resp: 67510
Ion Ratio Lower Upper
84 100
49 145.3 124.2 186.2
51 46.7 38.1 57.1
86 65.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 10.483 ug/l

RT: 4.06 min Scan# 308

Delta R.T. -0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

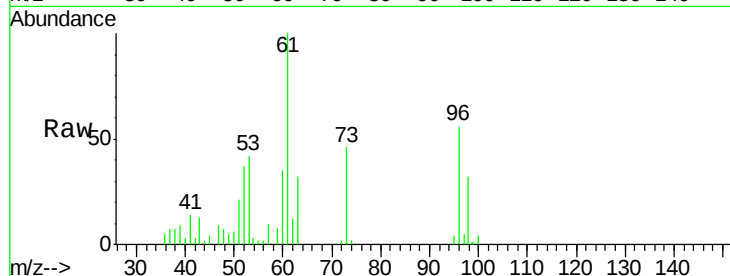
Tgt Ion: 96 Resp: 54763

Ion Ratio Lower Upper

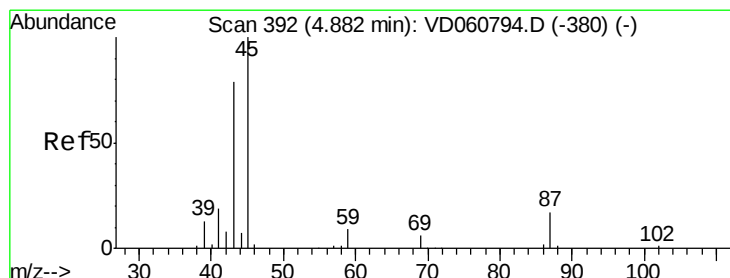
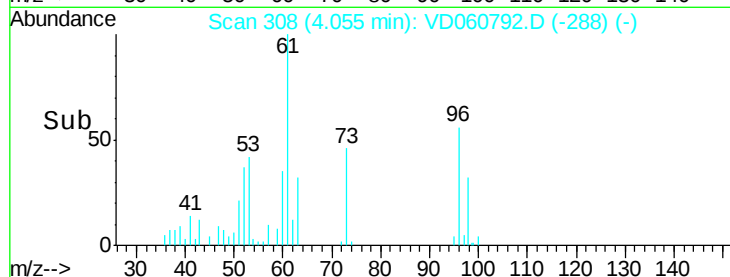
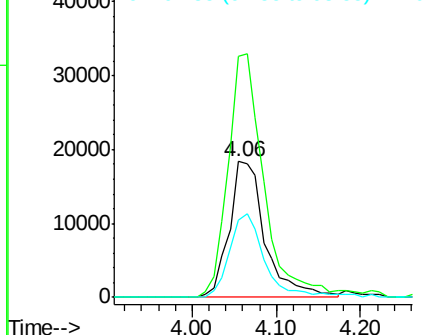
96 100

61 177.7 147.4 221.2

98 56.6 51.5 77.3



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



#22

Diisopropyl ether

Concen: 9.762 ug/l

RT: 4.90 min Scan# 394

Delta R.T. 0.02 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Tgt Ion: 45 Resp: 173475

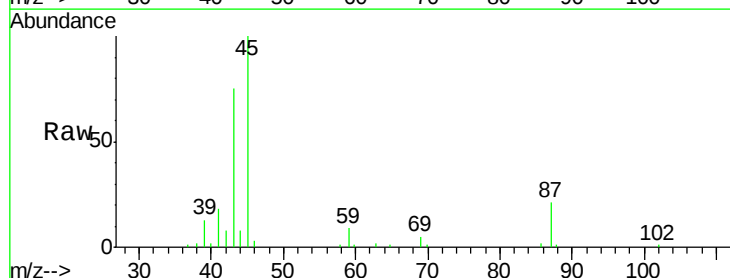
Ion Ratio Lower Upper

45 100

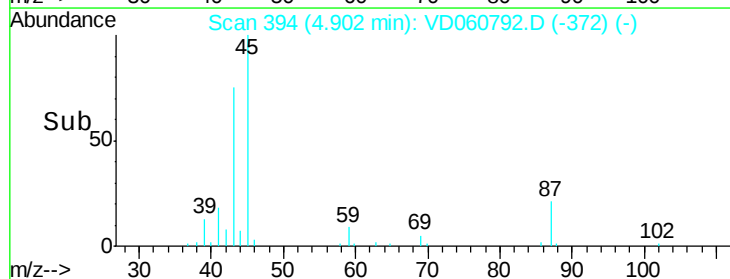
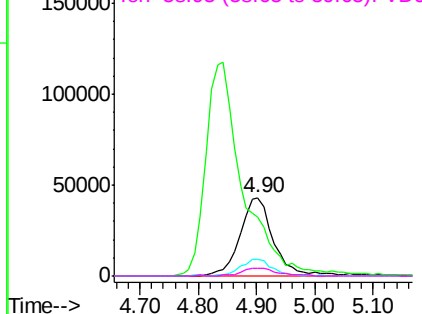
43 75.0 64.3 96.5

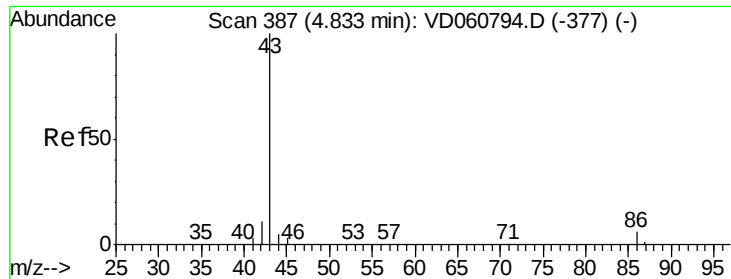
87 20.6 14.3 21.5

59 9.3 7.8 11.8



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC

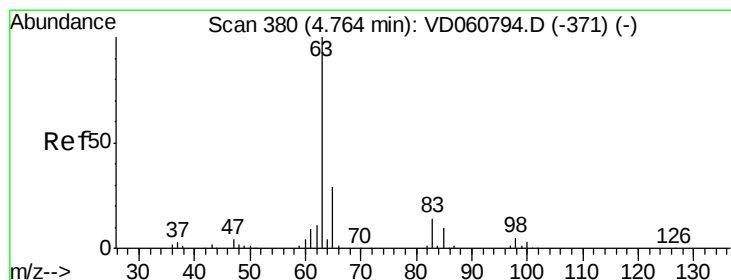
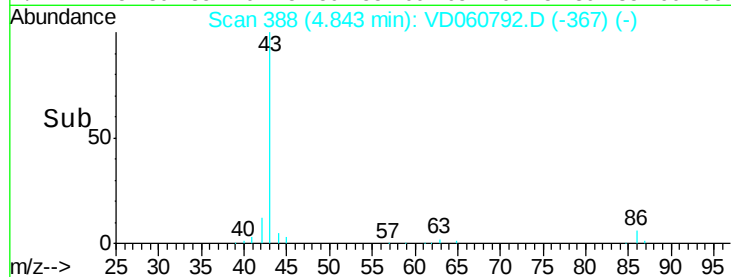
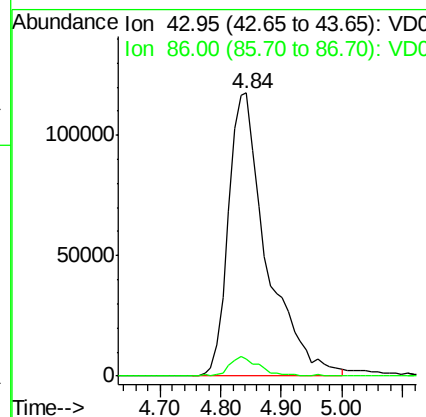
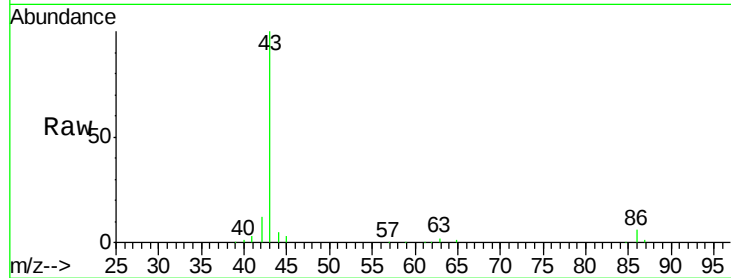




#23
 Vinyl Acetate
 Concen: 50.350 ug/l
 RT: 4.84 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

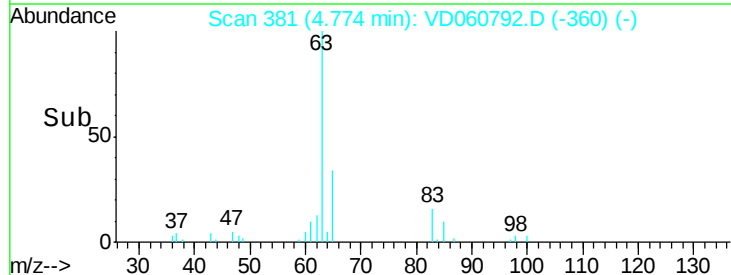
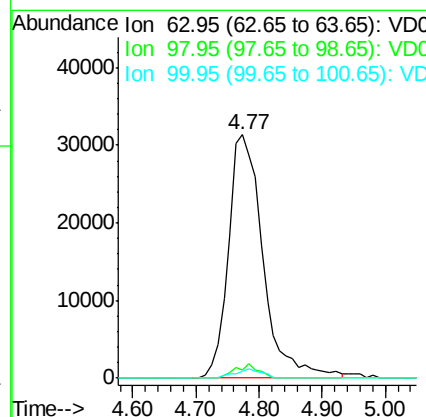
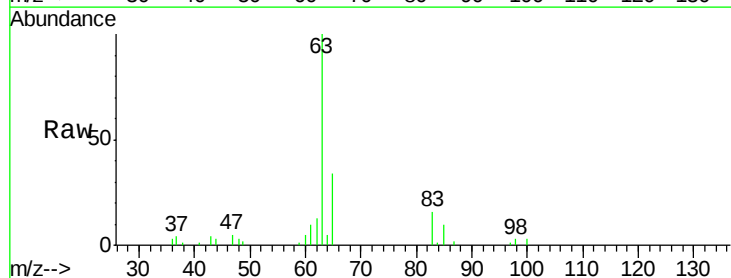
Instrument :
 MSVOA_D
 ClientSampled :

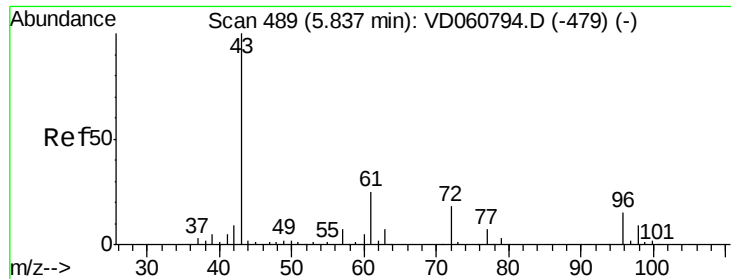
Tgt Ion: 43 Resp: 515263
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.7 7.1



#24
 1,1-Dichloroethane
 Concen: 10.220 ug/l
 RT: 4.77 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 63 Resp: 118896
 Ion Ratio Lower Upper
 63 100
 98 3.4 2.3 6.9
 100 2.9 1.3 3.8





#25

2-Butanone

Concen: 48.490 ug/l

RT: 5.85 min Scan# 490

Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

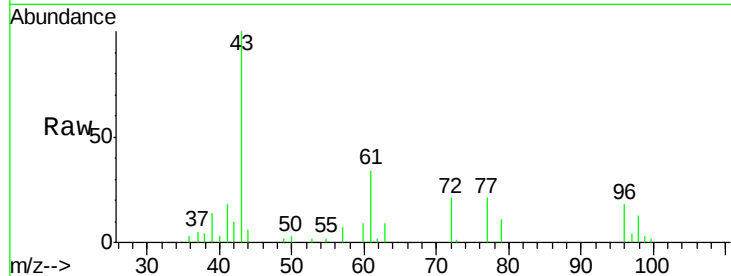
ClientSampled :

Tgt Ion: 43 Resp: 77312

Ion Ratio Lower Upper

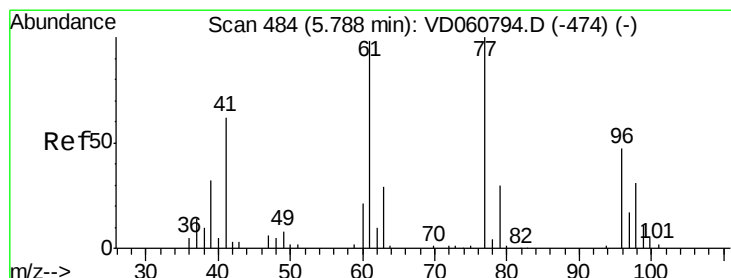
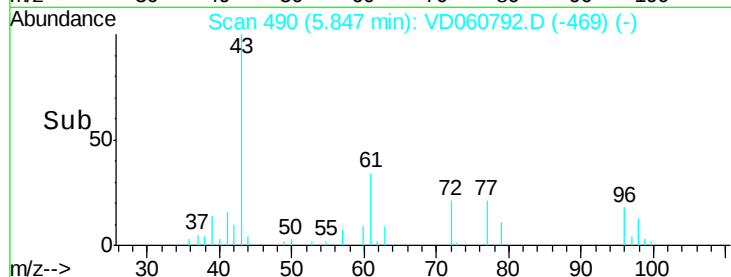
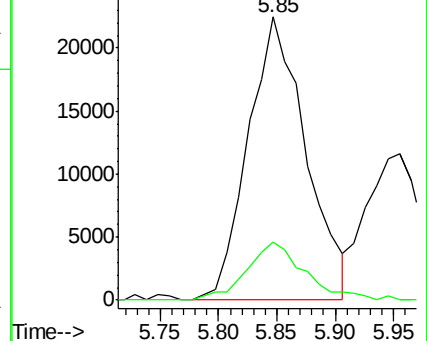
43 100

72 20.6 14.4 21.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 9.751 ug/l

RT: 5.80 min Scan# 485

Delta R.T. 0.01 min

Lab File: VD060792.D

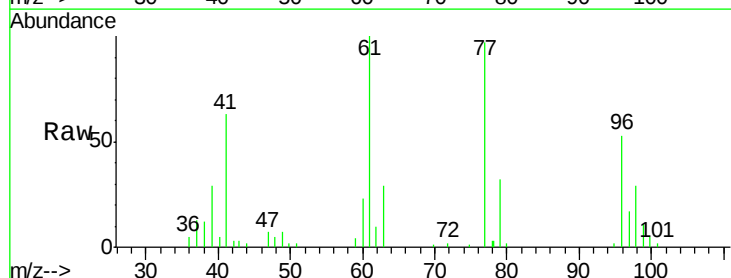
Acq: 28 Jan 2019 15:42

Tgt Ion: 77 Resp: 119528

Ion Ratio Lower Upper

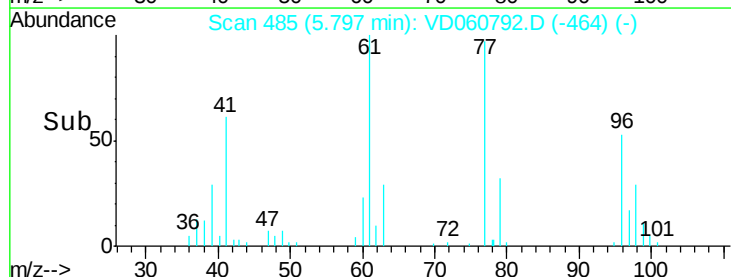
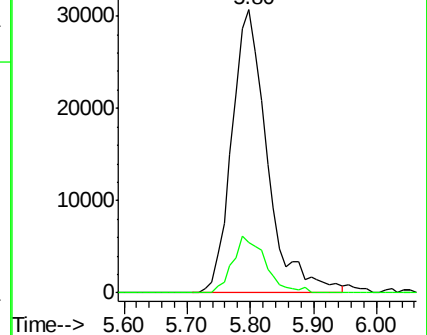
77 100

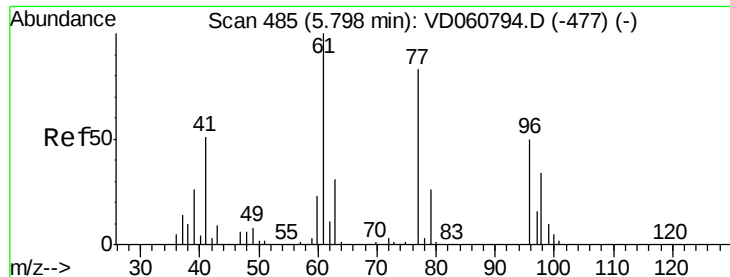
97 17.8 8.3 24.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



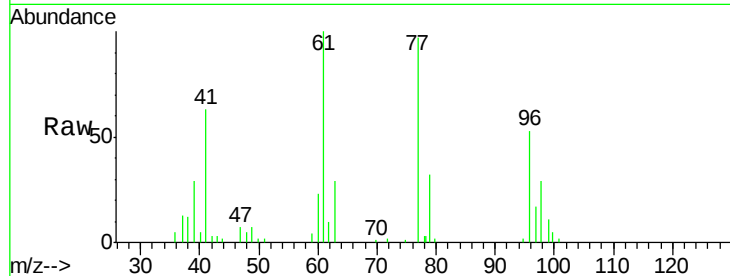


#27

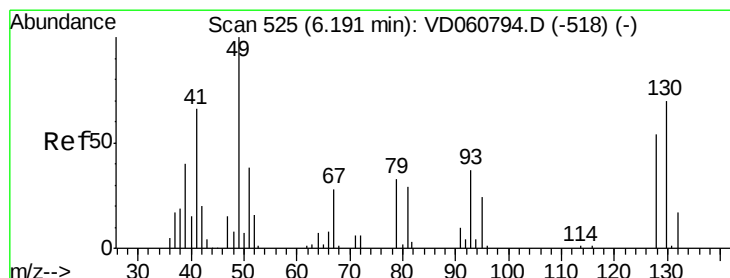
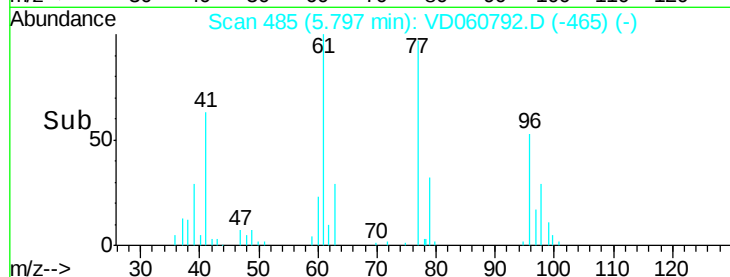
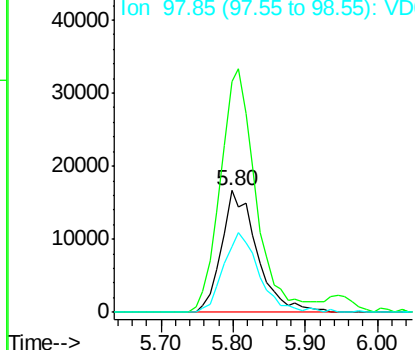
cis-1,2-Dichloroethene
Concen: 9.581 ug/l
RT: 5.80 min Scan# 485
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 96 Resp: 57006
Ion Ratio Lower Upper
96 100
61 189.6 0.0 400.0
98 54.6 0.0 136.4



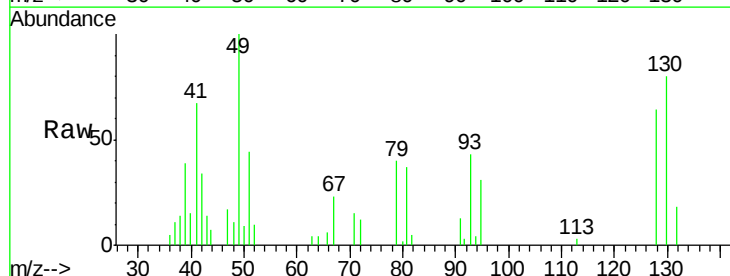
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



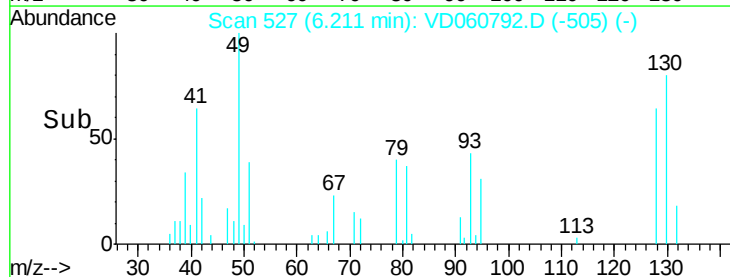
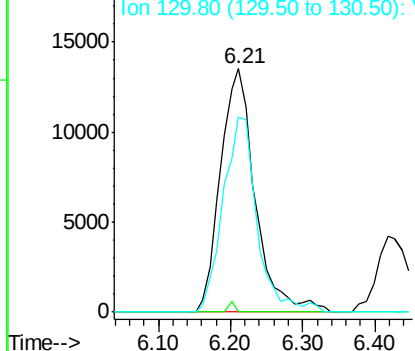
#28

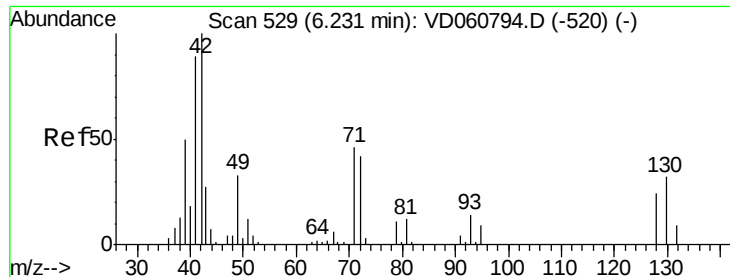
Bromochloromethane
Concen: 9.919 ug/l
RT: 6.21 min Scan# 527
Delta R.T. 0.02 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 49 Resp: 45014
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 80.1 56.1 84.1



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

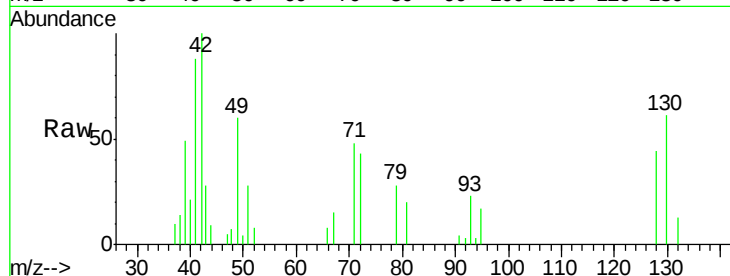




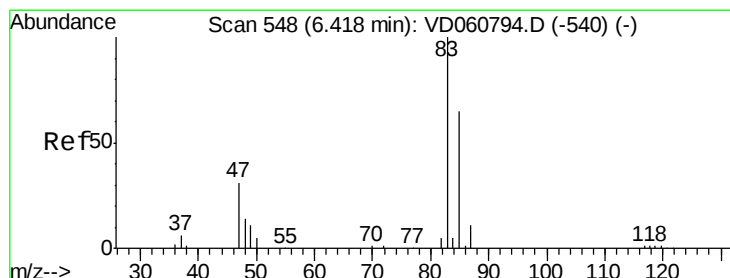
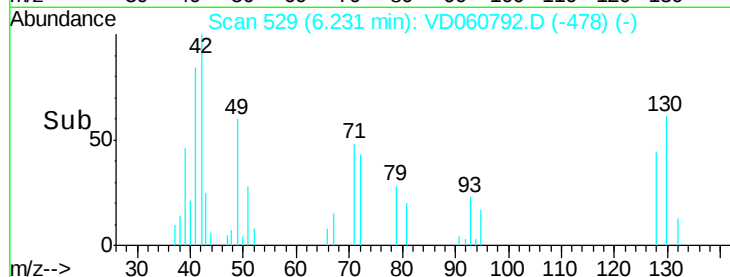
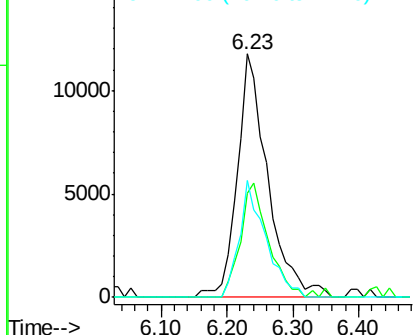
#29
Tetrahydrofuran
Concen: 50.061 ug/l
RT: 6.23 min Scan# 529
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 38330
Ion Ratio Lower Upper
42 100
72 43.2 32.8 49.2
71 41.7 34.6 52.0

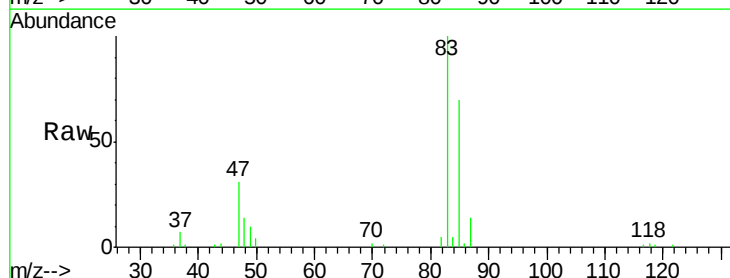


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

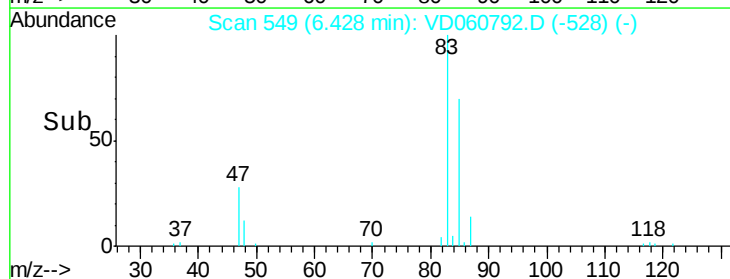
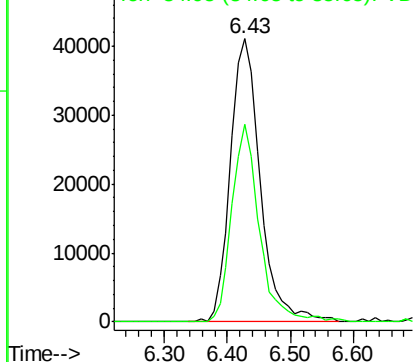


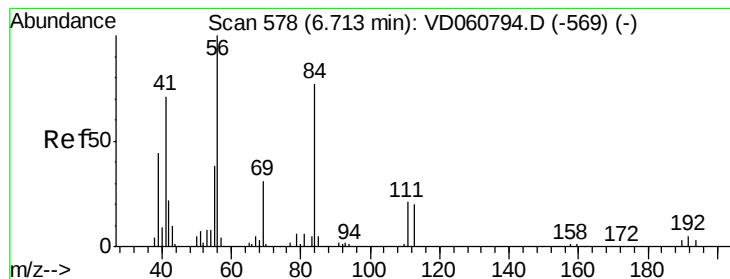
#30
Chloroform
Concen: 9.774 ug/l
RT: 6.43 min Scan# 549
Delta R.T. 0.01 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 83 Resp: 134398
Ion Ratio Lower Upper
83 100
85 69.6 52.3 78.5



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 9.522 ug/l

RT: 6.72 min Scan# 579

Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampled :

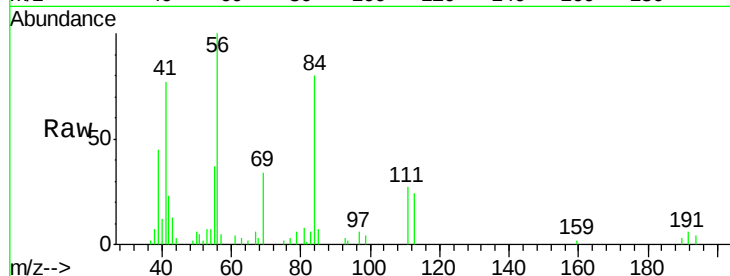
Tgt Ion: 56 Resp: 75366

Ion Ratio Lower Upper

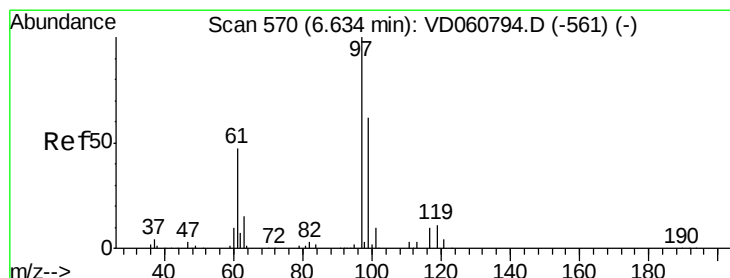
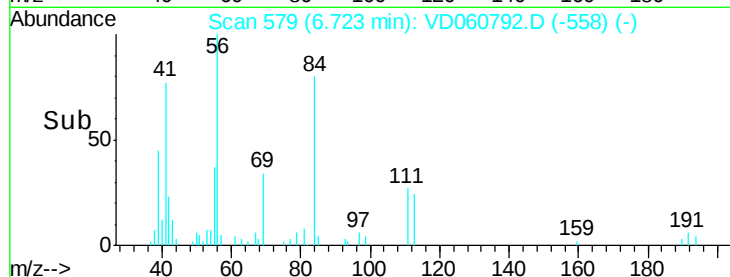
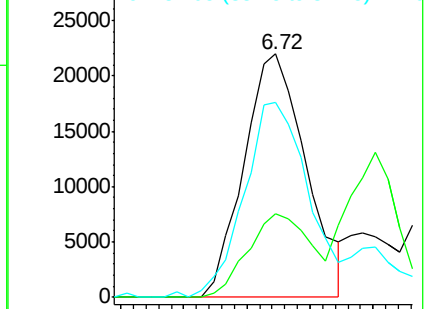
56 100

69 34.2 25.1 37.7

84 80.2 63.9 95.9



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: 9.788 ug/l

RT: 6.63 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

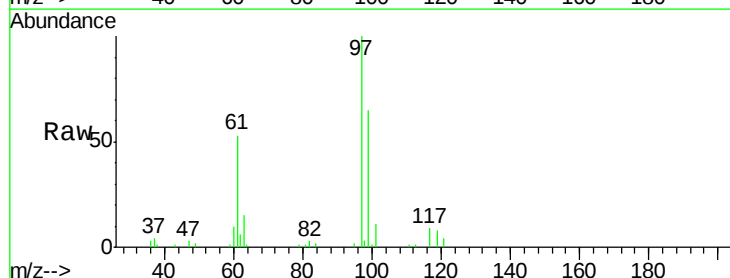
Tgt Ion: 97 Resp: 129609

Ion Ratio Lower Upper

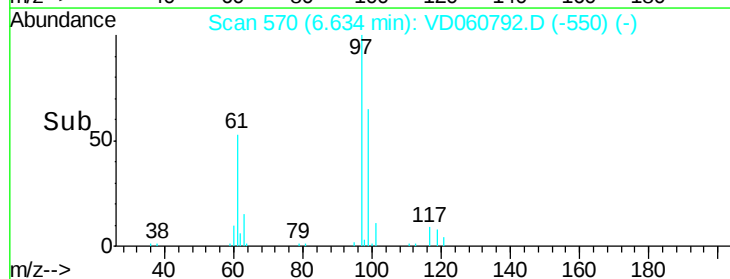
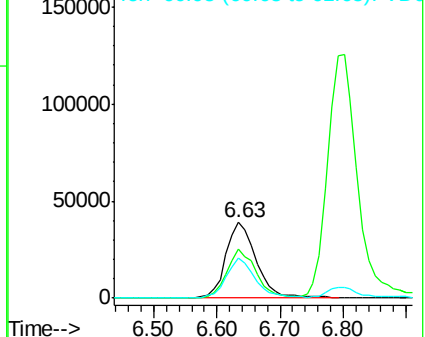
97 100

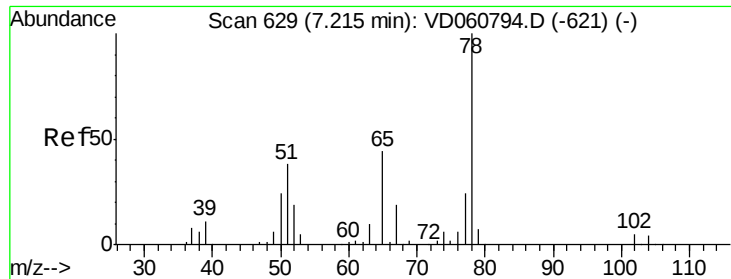
99 65.5 49.6 74.4

61 52.9 37.4 56.2



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

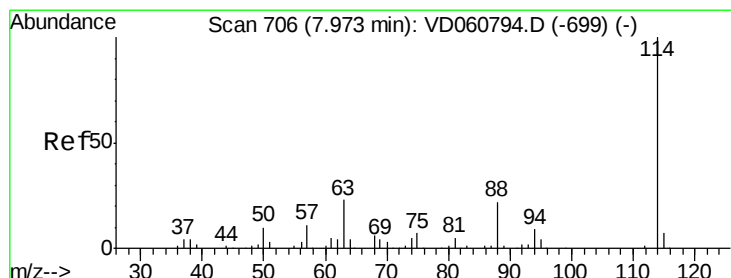
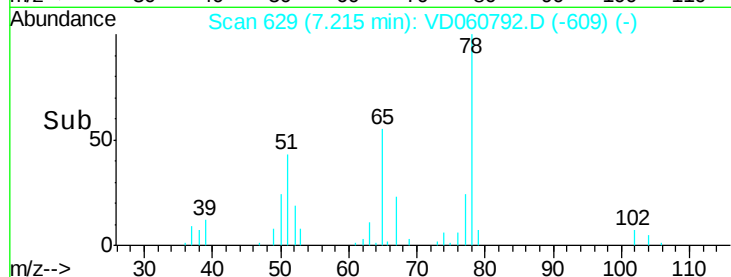
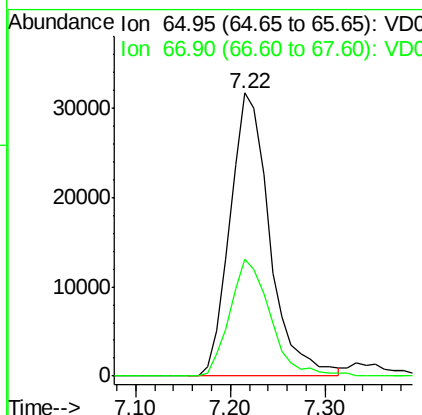
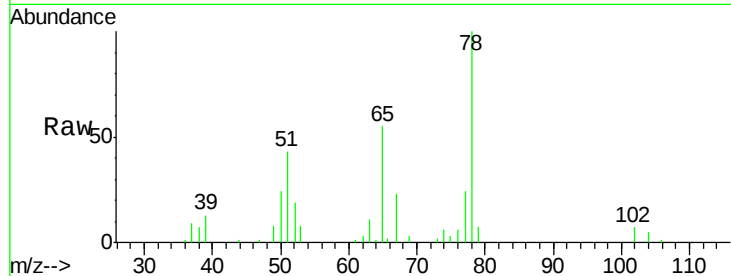




#33
 1,2-Dichloroethane-d4
 Concen: 9.788 ug/l
 RT: 7.22 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

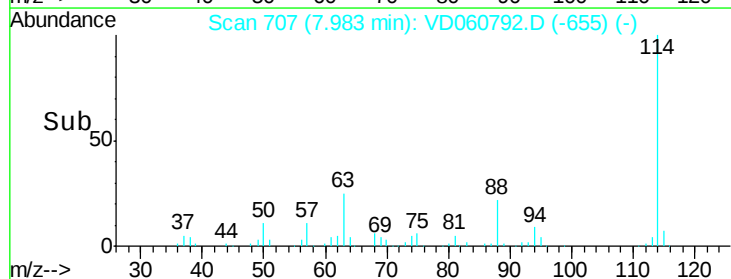
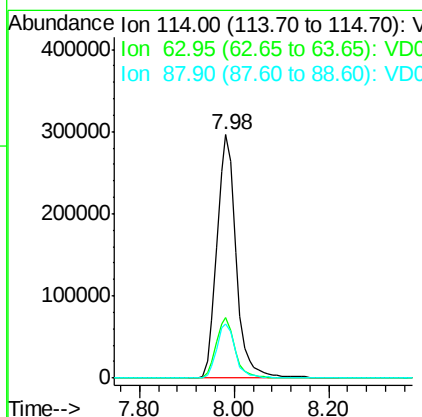
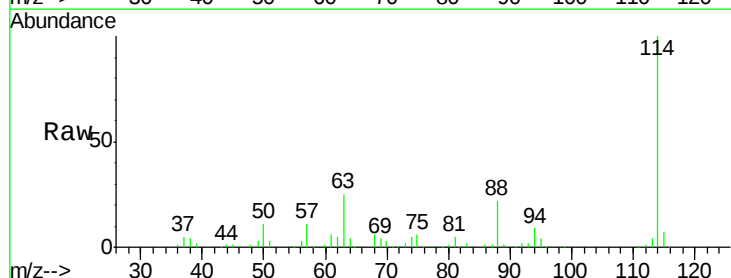
Instrument :
 MSVOA_D
 ClientSampleID :

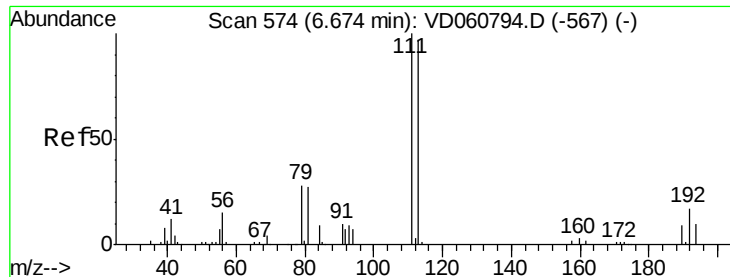
Tgt Ion: 65 Resp: 92264
 Ion Ratio Lower Upper
 65 100
 67 41.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 114 Resp: 833391
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 46.6
 88 22.4 0.0 44.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.68 min Scan# 575

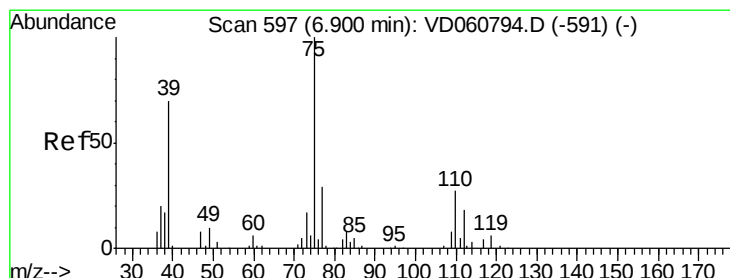
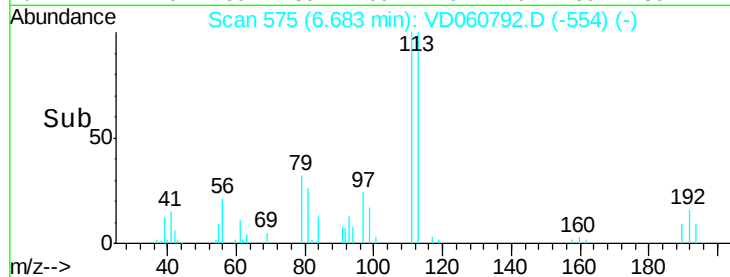
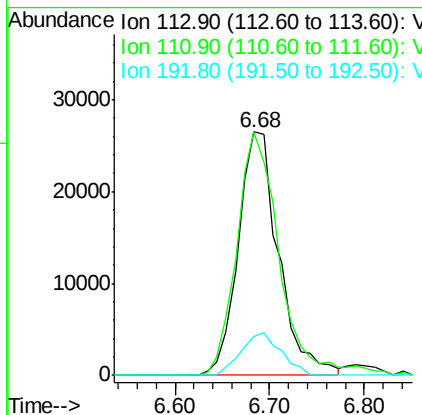
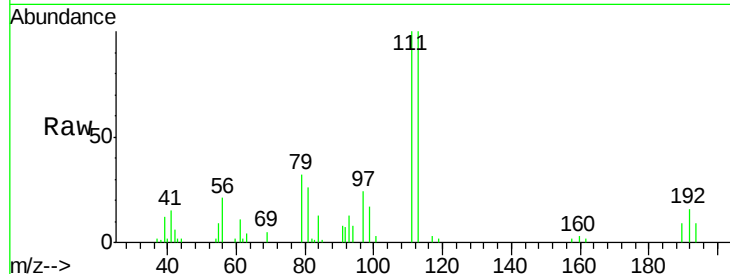
Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 78457
Ion Ratio Lower Upper
113 100
111 100.0 82.3 123.5
192 16.2 14.4 21.6



#36

1,1-Dichloropropene

Concen: 9.922 ug/l

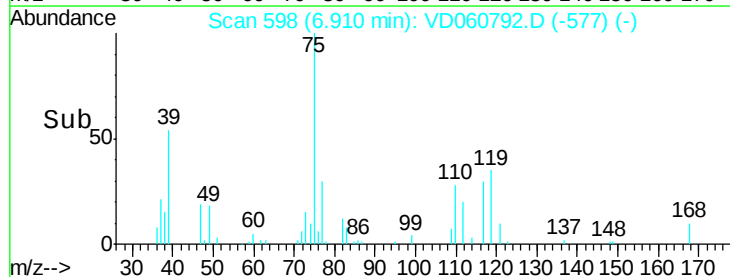
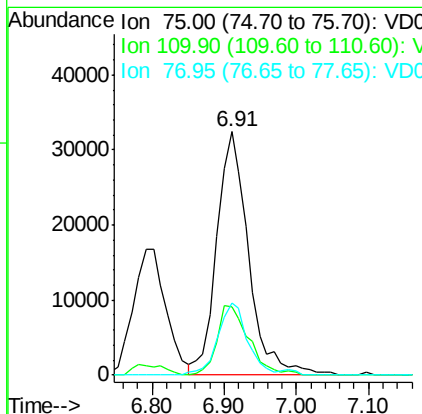
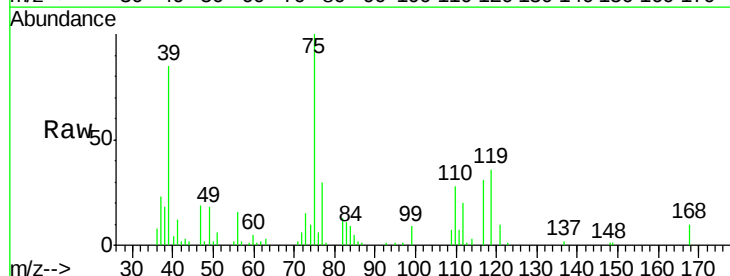
RT: 6.91 min Scan# 598

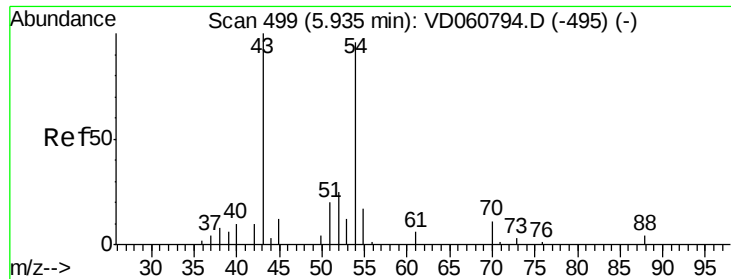
Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Tgt Ion: 75 Resp: 98729
Ion Ratio Lower Upper
75 100
110 28.1 13.5 40.4
77 29.8 23.4 35.2

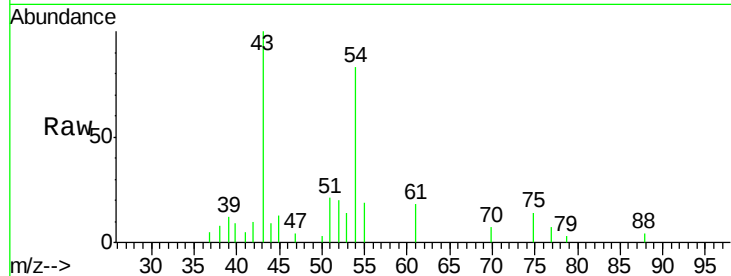




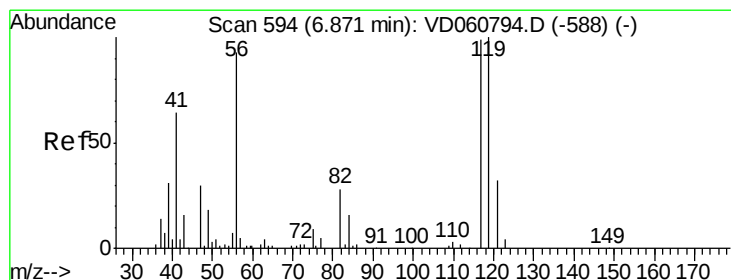
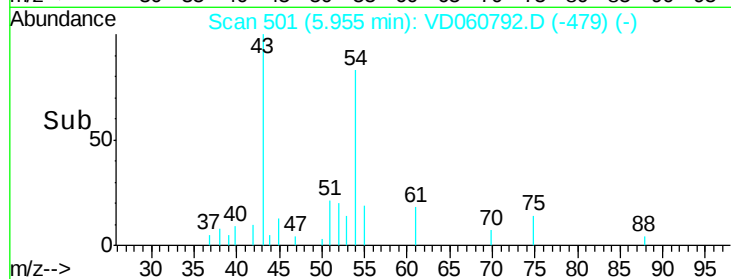
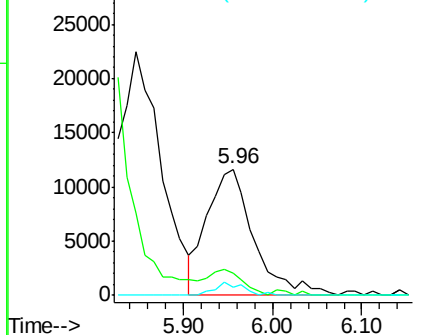
#37
Ethyl Acetate
 Concen: 9.607 ug/l
 RT: 5.96 min Scan# 501
 Delta R.T. 0.02 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 43 Resp: 42672
 Ion Ratio Lower Upper
 43 100
 61 18.0 12.3 18.5
 70 6.7 7.4 11.0#

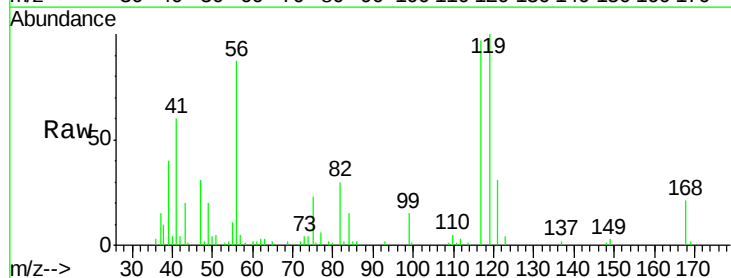


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 70.00 (69.70 to 70.70): VDC

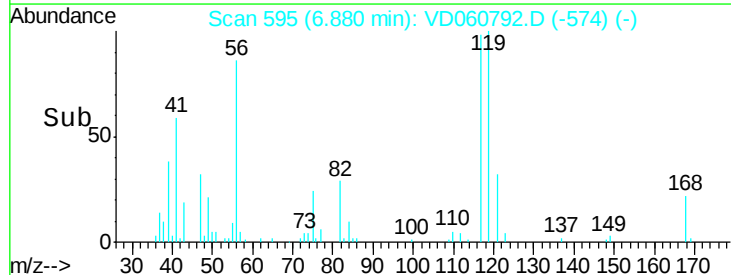
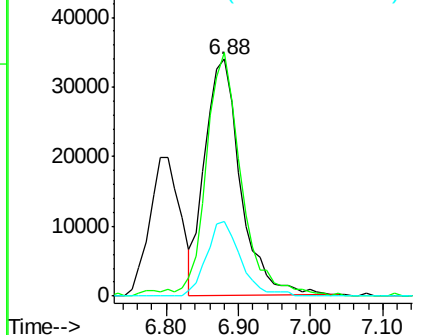


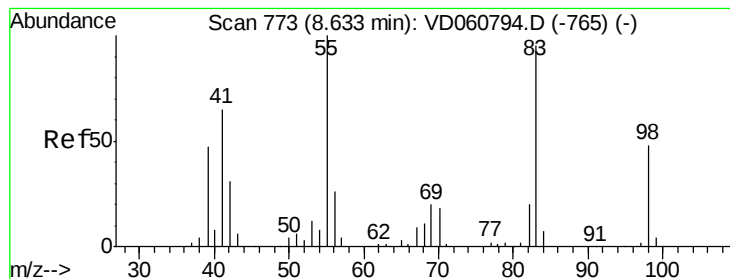
#38
Carbon Tetrachloride
 Concen: 9.258 ug/l
 RT: 6.88 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 117 Resp: 115520
 Ion Ratio Lower Upper
 117 100
 119 102.8 75.6 113.4
 121 31.7 23.4 35.2



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: 9.404 ug/l

RT: 8.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

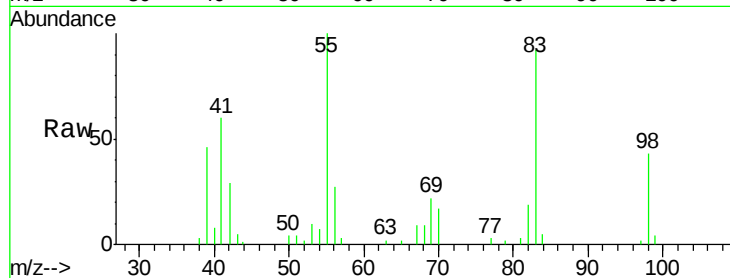
Tgt Ion: 83 Resp: 78364

Ion Ratio Lower Upper

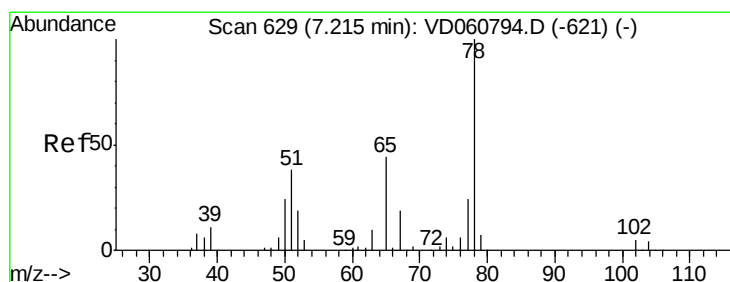
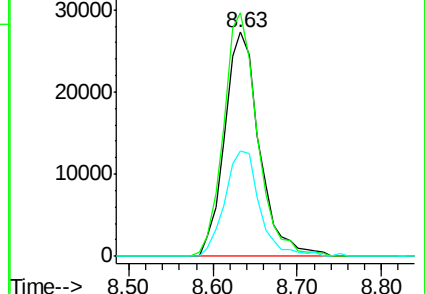
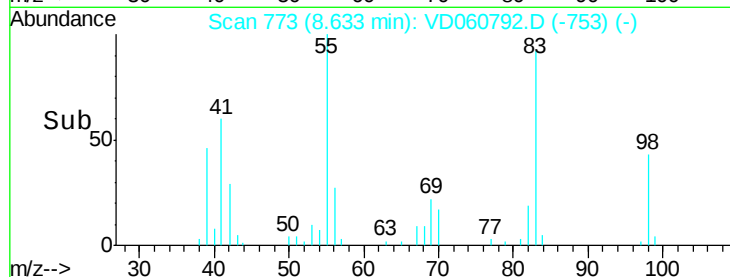
83 100

55 108.7 83.8 125.8

98 46.8 39.8 59.8



Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 9.206 ug/l

RT: 7.22 min Scan# 630

Delta R.T. 0.01 min

Lab File: VD060792.D

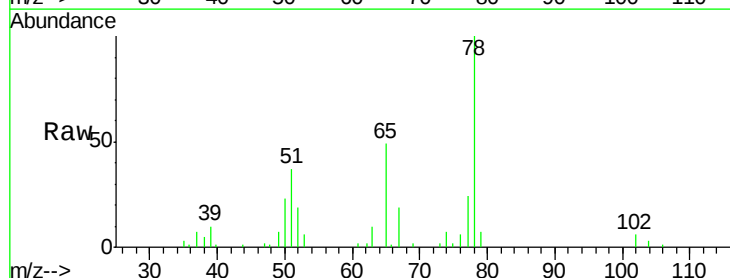
Acq: 28 Jan 2019 15:42

Tgt Ion: 78 Resp: 180792

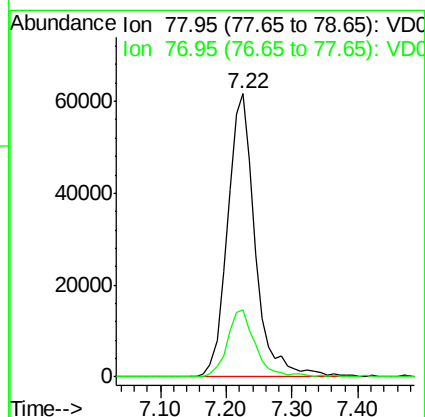
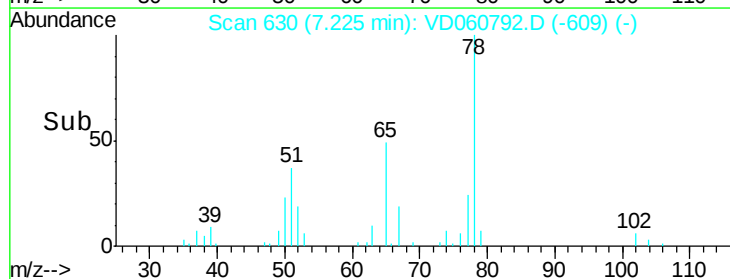
Ion Ratio Lower Upper

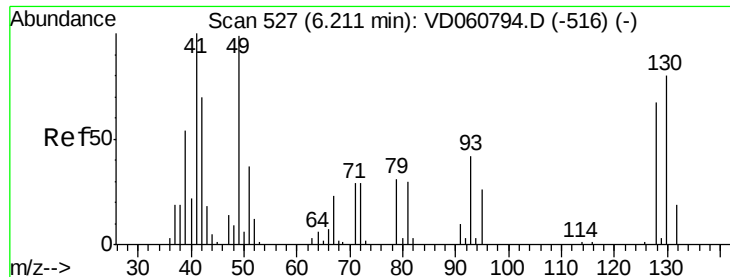
78 100

77 23.8 18.9 28.3



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 17.455 ug/l

RT: 6.23 min Scan# 529

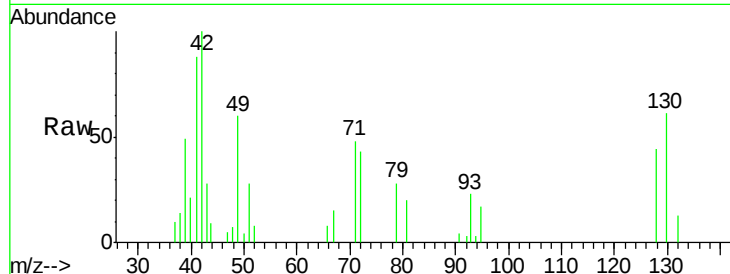
Delta R.T. 0.02 min

Lab File: VD060792.D

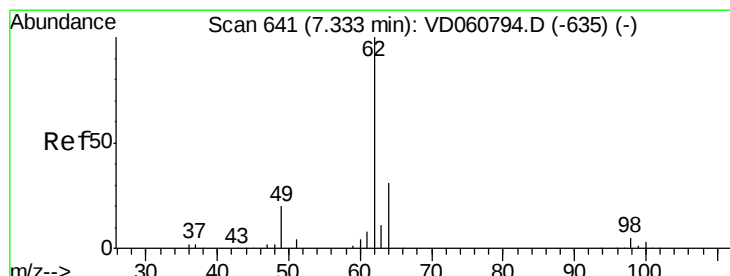
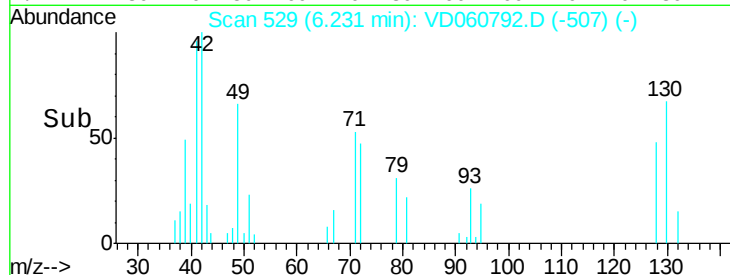
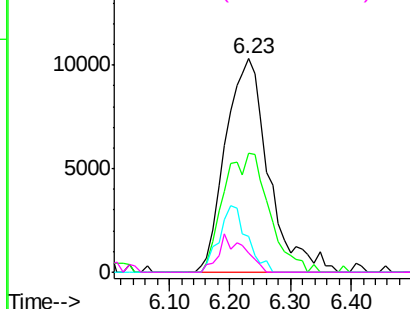
Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	41	Resp:	50983
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.6	65.4
67	16.8	18.5	27.7#
52	8.9	10.2	15.2#



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: 9.518 ug/l

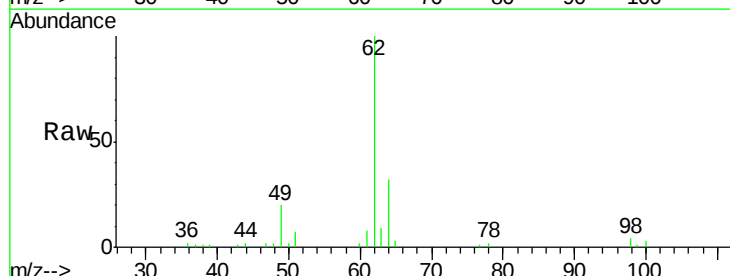
RT: 7.34 min Scan# 642

Delta R.T. 0.01 min

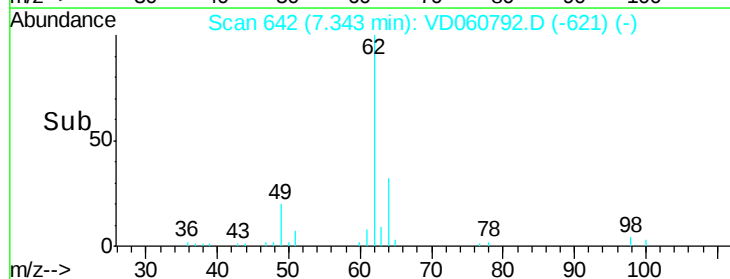
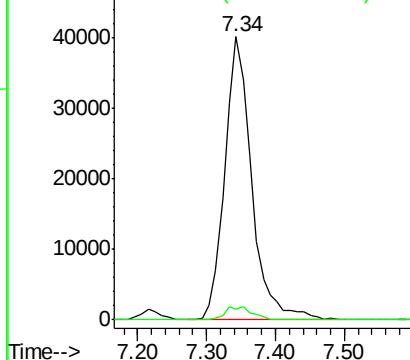
Lab File: VD060792.D

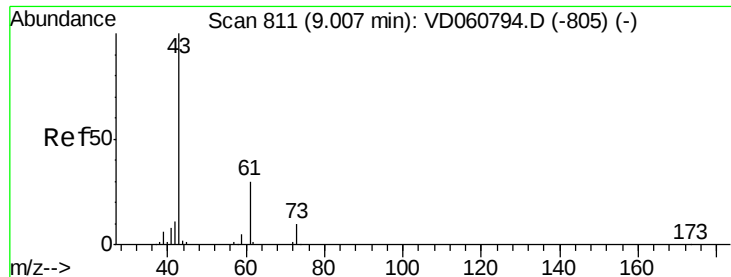
Acq: 28 Jan 2019 15:42

Tgt Ion:	62	Resp:	108596
Ion	Ratio	Lower	Upper
62	100		
98	4.0	0.0	10.2



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





#43

Isopropyl Acetate

Concen: 8.566 ug/l

RT: 9.01 min Scan# 811

Delta R.T. -0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

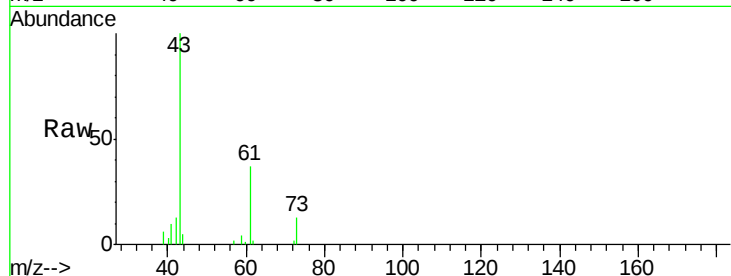
Tgt Ion: 43 Resp: 49623

Ion Ratio Lower Upper

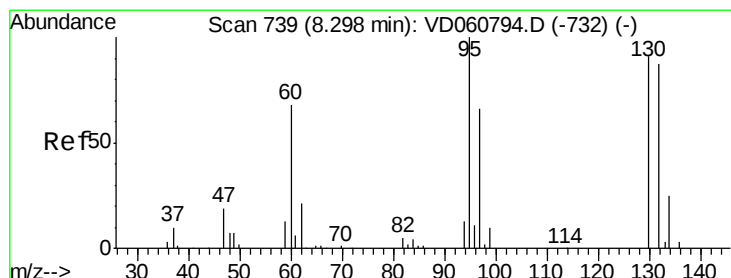
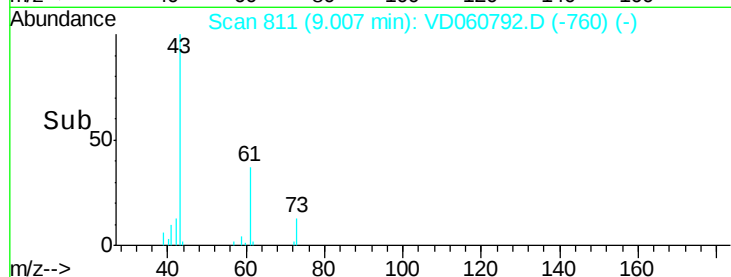
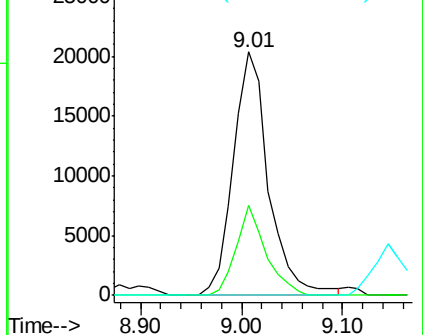
43 100

61 36.9 24.1 36.1#

87 0.0 0.0 0.0



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



#44

Trichloroethene

Concen: 8.945 ug/l

RT: 8.31 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD060792.D

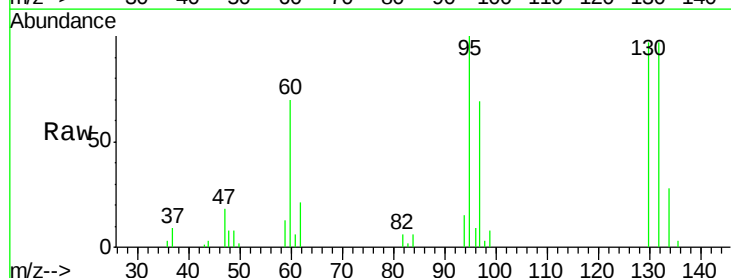
Acq: 28 Jan 2019 15:42

Tgt Ion:130 Resp: 59553

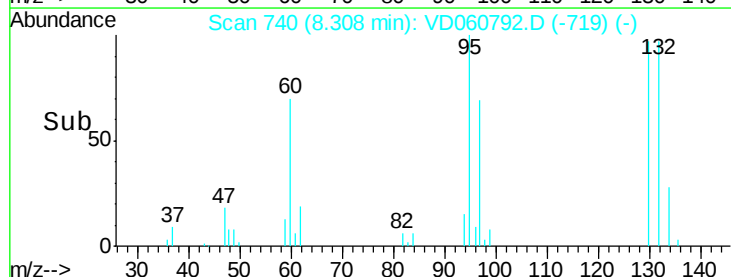
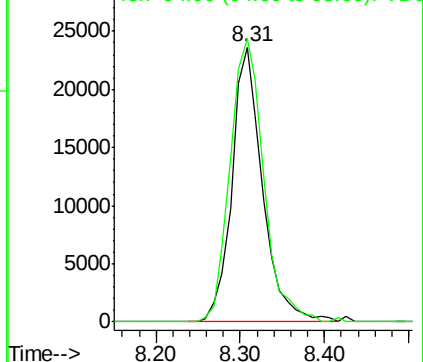
Ion Ratio Lower Upper

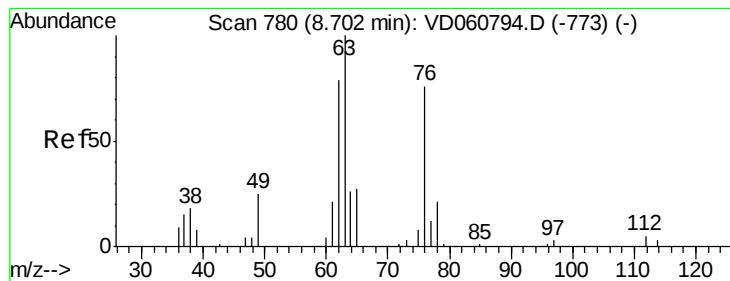
130 100

95 102.9 0.0 221.0



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





#45

1,2-Dichloropropane

Concen: 9.285 ug/l

RT: 8.71 min Scan# 781

Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

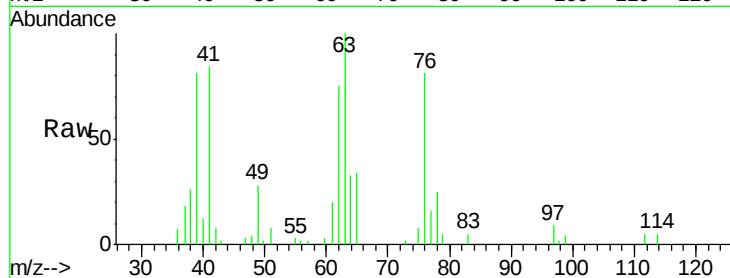
ClientSampled :

Tgt Ion: 63 Resp: 49360

Ion Ratio Lower Upper

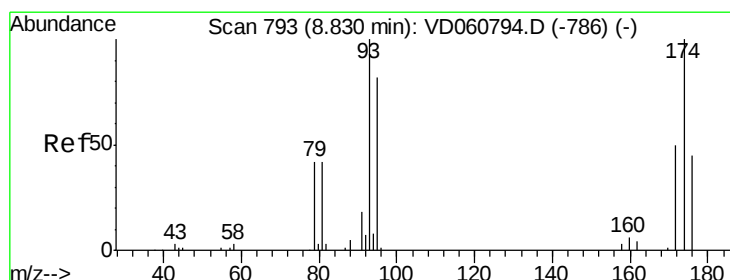
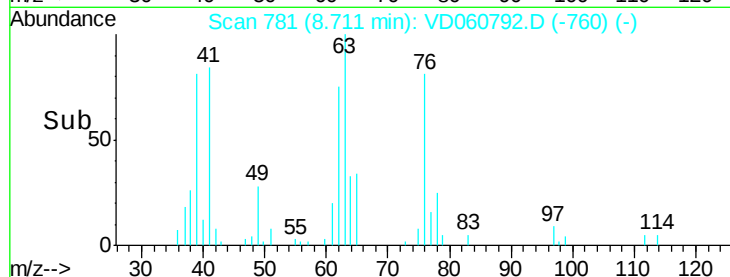
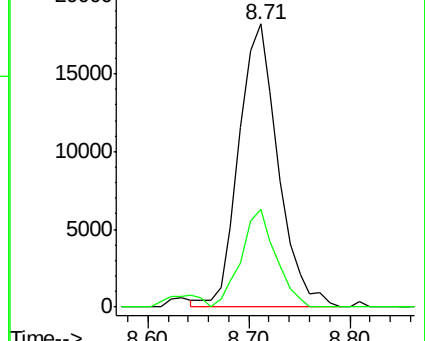
63 100

65 34.4 24.1 36.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 9.156 ug/l

RT: 8.83 min Scan# 793

Delta R.T. 0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

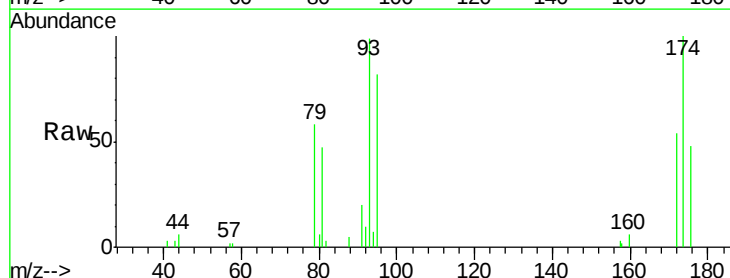
Tgt Ion: 93 Resp: 37788

Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.8

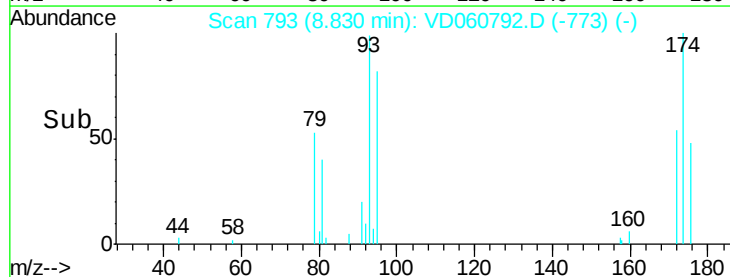
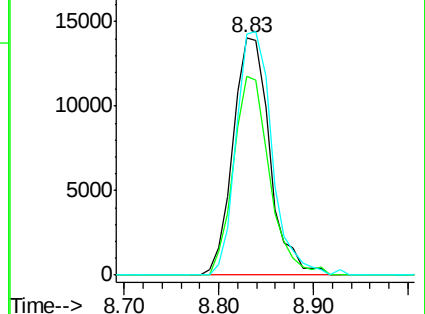
174 101.3 79.8 119.6

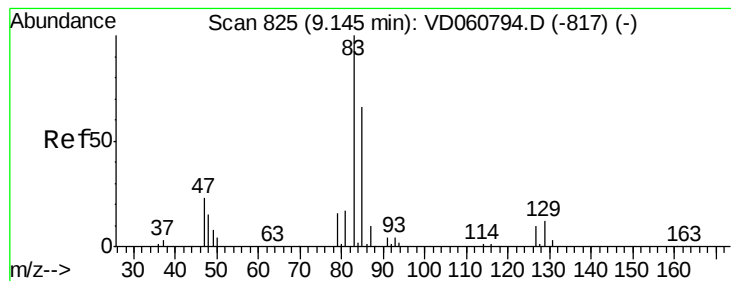


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 8.589 ug/l

RT: 9.14 min Scan# 825

Delta R.T. 0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :

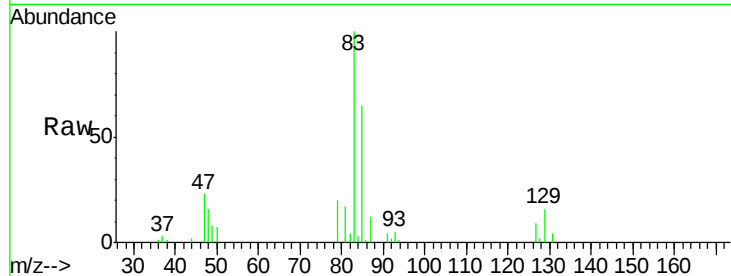
Tgt Ion: 83 Resp: 95678

Ion Ratio Lower Upper

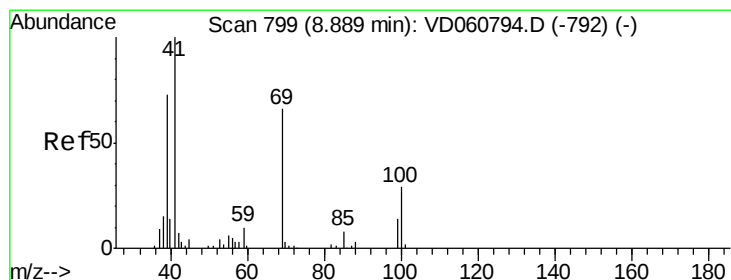
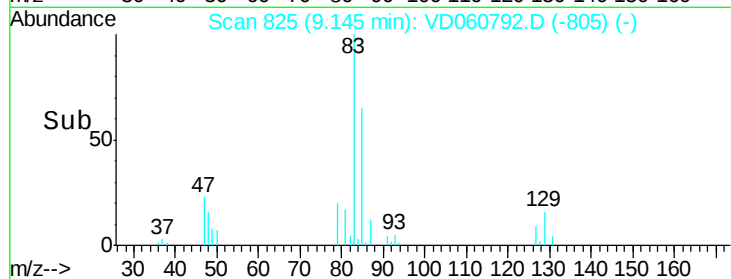
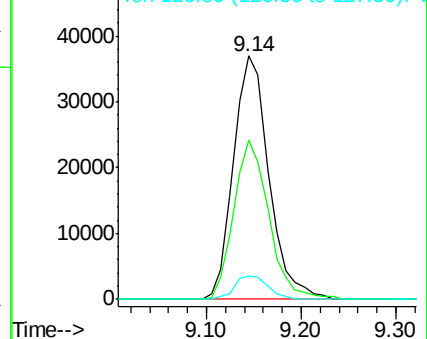
83 100

85 65.2 52.6 79.0

127 9.4 7.7 11.5



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



#48

Methyl methacrylate

Concen: 8.856 ug/l

RT: 8.89 min Scan# 799

Delta R.T. -0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

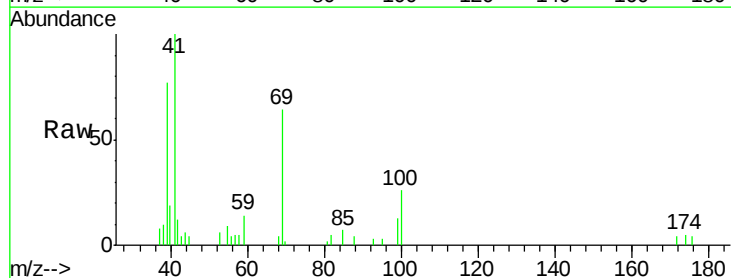
Tgt Ion: 41 Resp: 35381

Ion Ratio Lower Upper

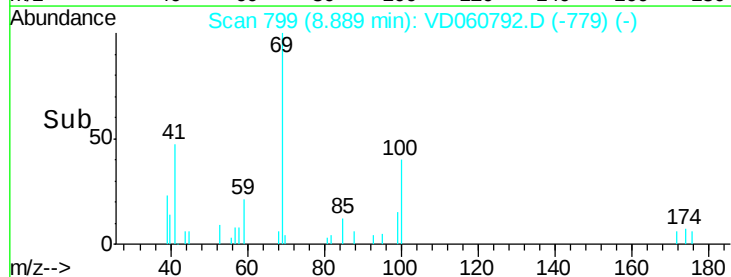
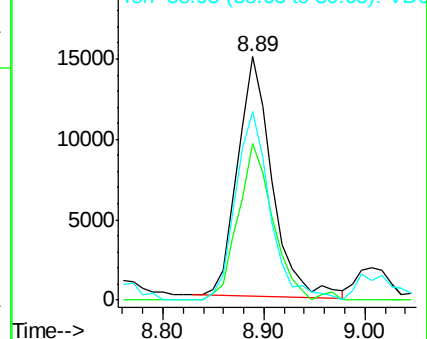
41 100

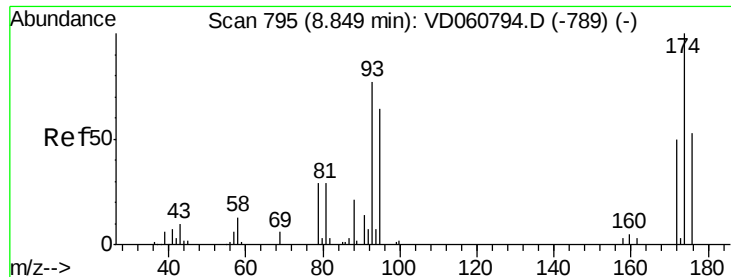
69 64.4 52.5 78.7

39 77.3 59.0 88.6



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

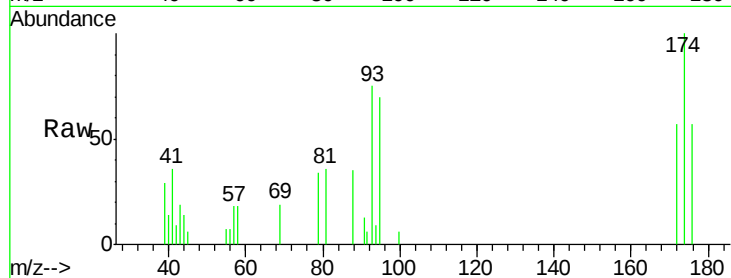




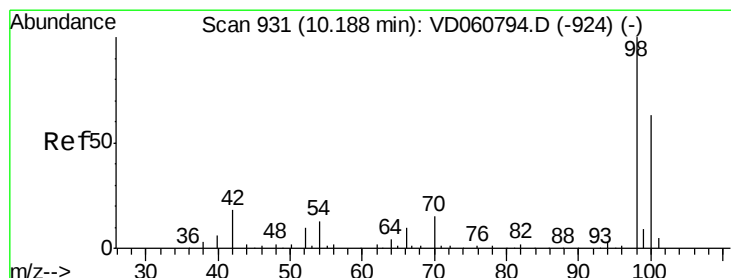
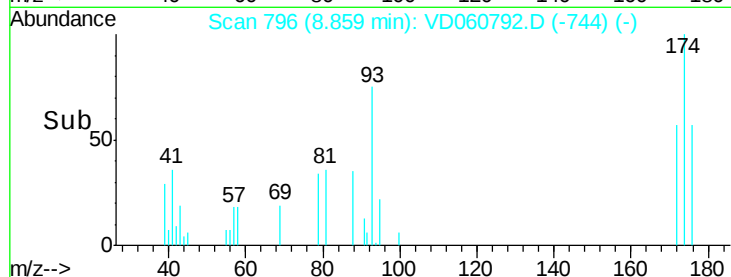
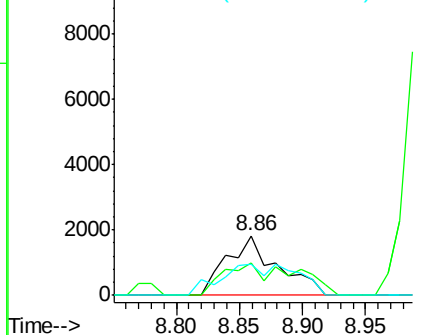
#49
 1,4-Dioxane
 Concen: 163.172 ug/l
 RT: 8.86 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Instrument :
 MSVOA_D
 ClientSampleID :

Tgt Ion: 88 Resp: 5054
 Ion Ratio Lower Upper
 88 100
 43 53.6 40.9 61.3
 58 52.0 52.2 78.4#

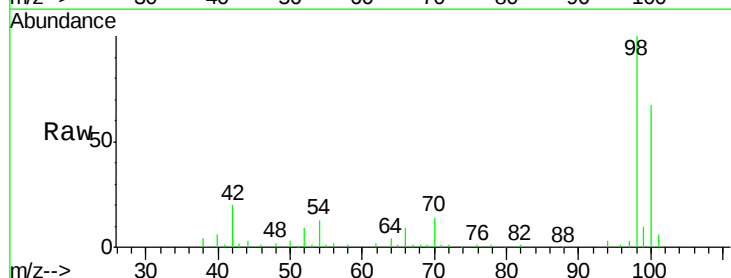


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

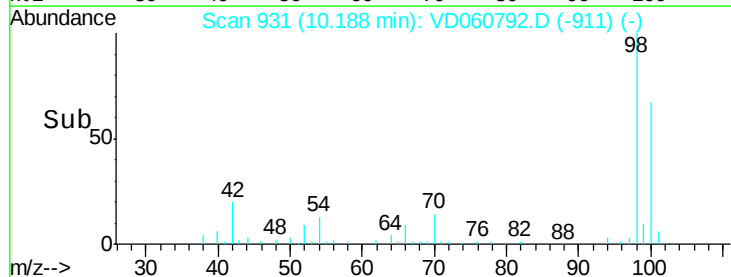
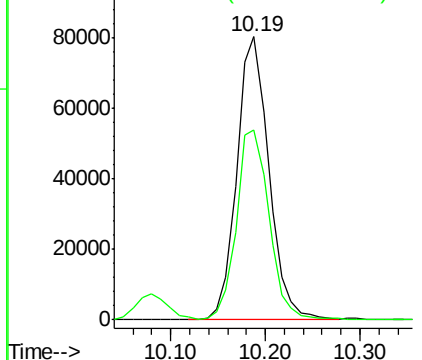


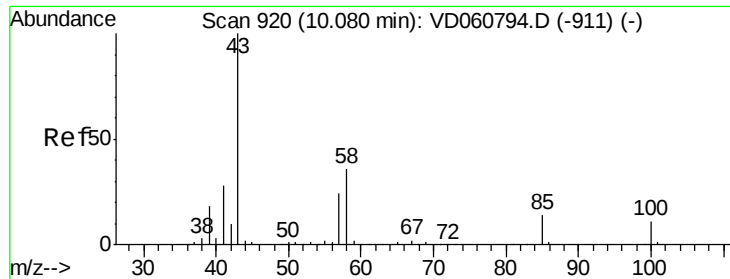
#50
 Toluene-d8
 Concen: 163.172 ug/l
 RT: 10.19 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 98 Resp: 188517
 Ion Ratio Lower Upper
 98 100
 100 67.3 51.0 76.6



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

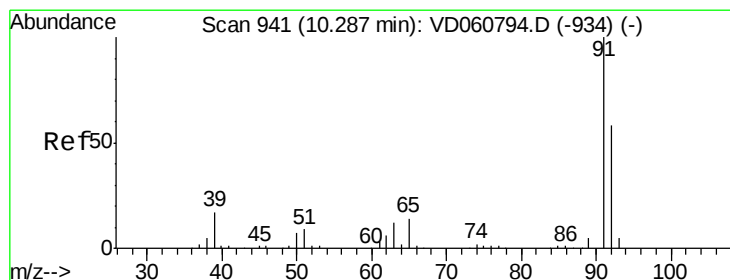
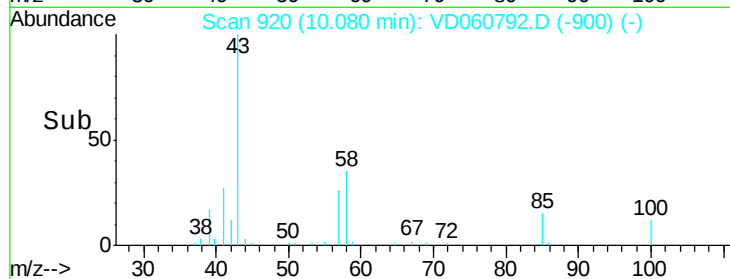
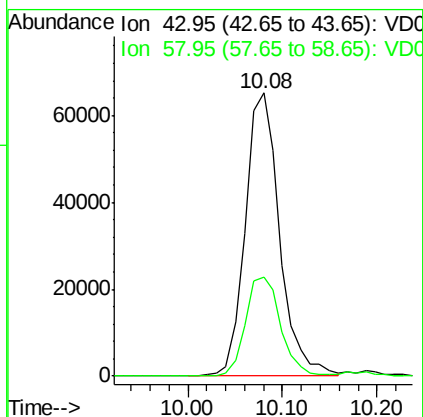
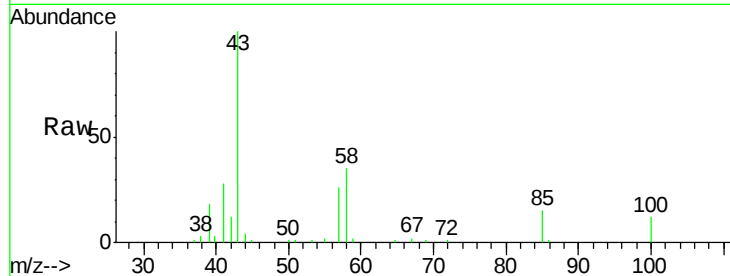




#51
4-Methyl-2-Pentanone
Concen: 43.705 ug/l
RT: 10.08 min Scan# 920
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

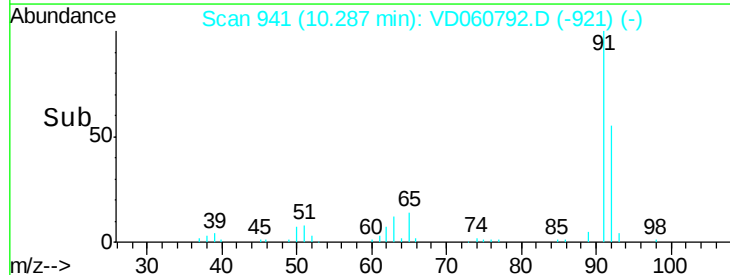
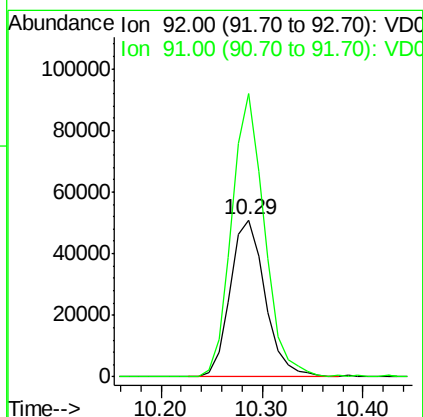
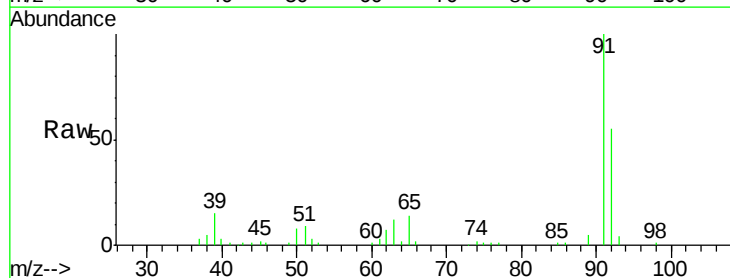
Instrument :
MSVOA_D
ClientSampleId :

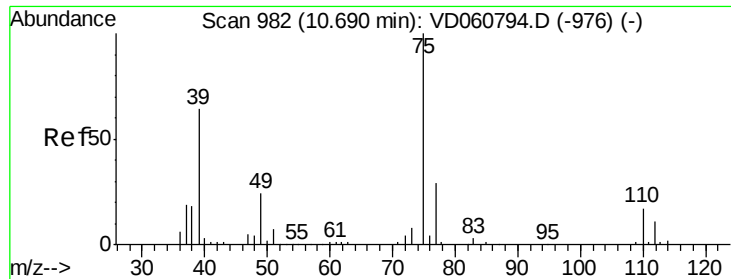
Tgt Ion: 43 Resp: 163968
Ion Ratio Lower Upper
43 100
58 35.1 28.4 42.6



#52
Toluene
Concen: 9.781 ug/l
RT: 10.29 min Scan# 941
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 92 Resp: 121846
Ion Ratio Lower Upper
92 100
91 180.5 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 9.702 ug/l

RT: 10.69 min Scan# 982

Delta R.T. 0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

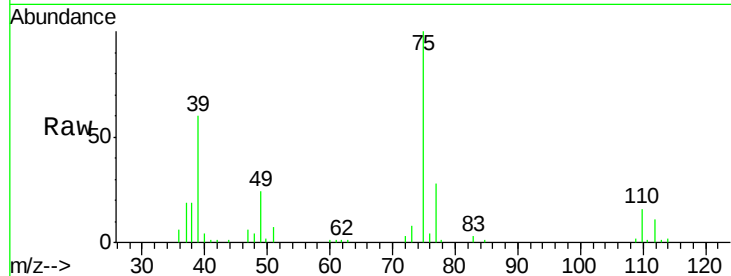
ClientSampleId :

Tgt Ion: 75 Resp: 95062

Ion Ratio Lower Upper

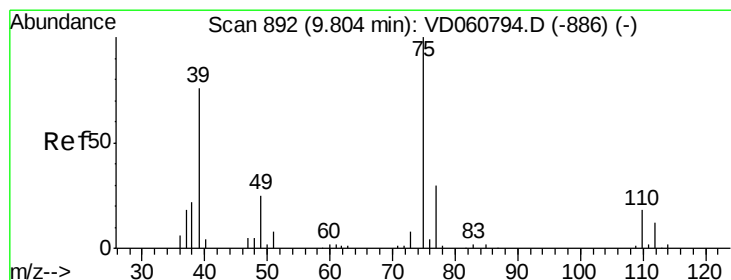
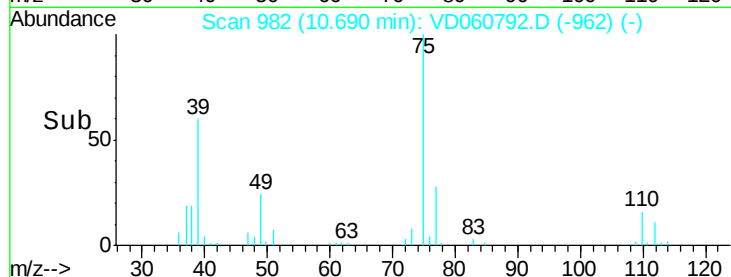
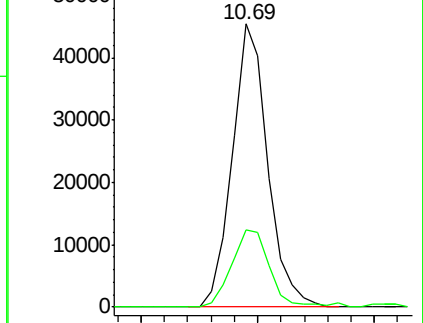
75 100

77 27.5 23.0 34.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 9.063 ug/l

RT: 9.81 min Scan# 893

Delta R.T. 0.01 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

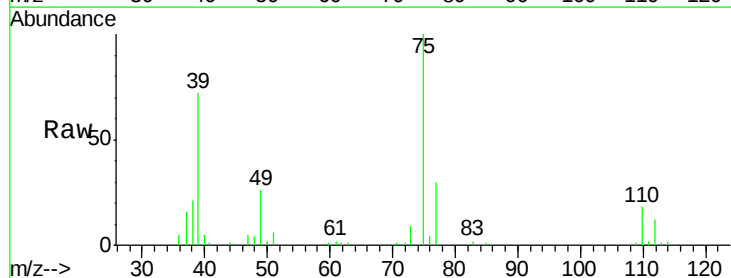
Tgt Ion: 75 Resp: 91065

Ion Ratio Lower Upper

75 100

77 30.3 23.9 35.9

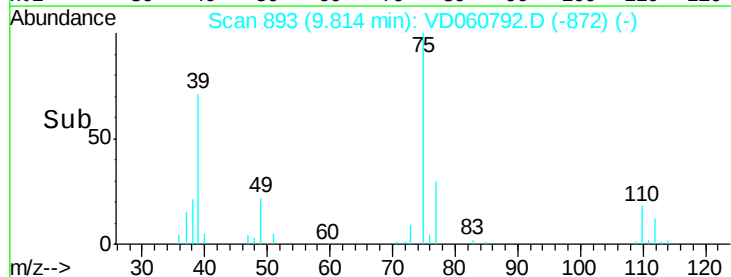
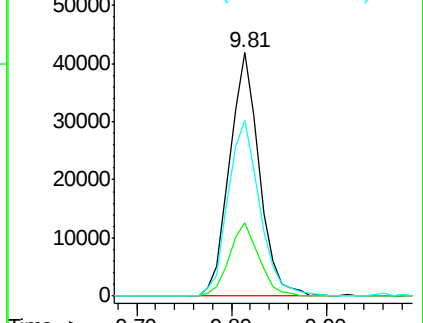
39 72.0 60.4 90.6

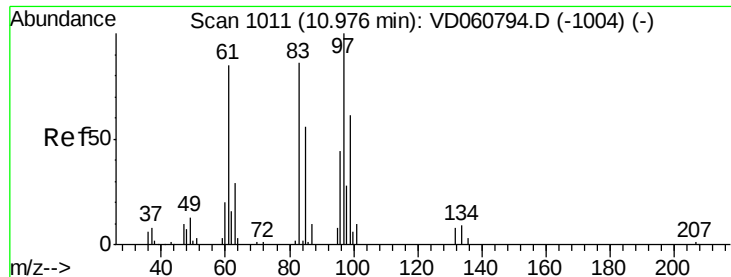


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

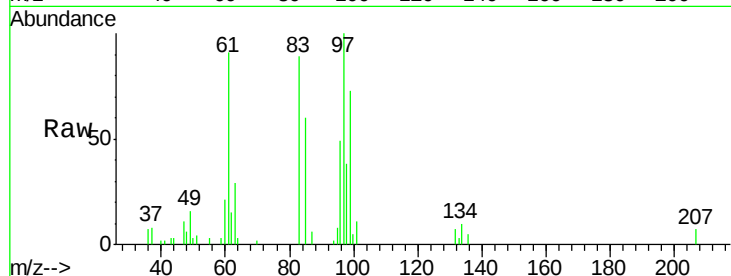




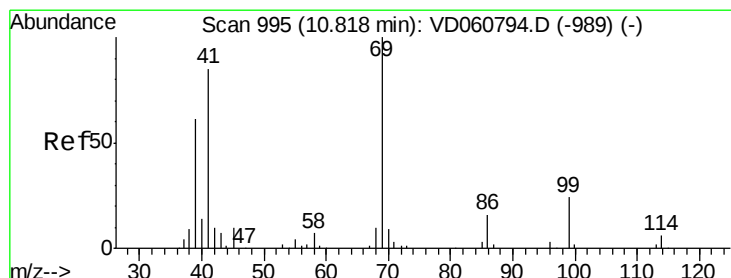
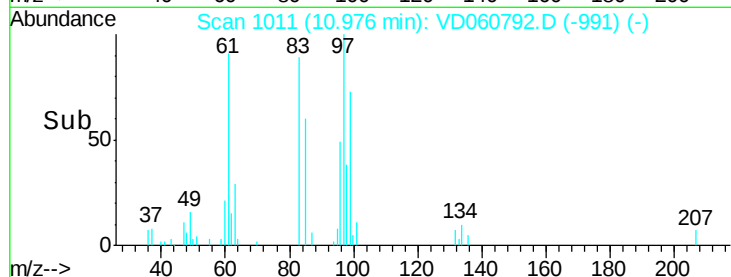
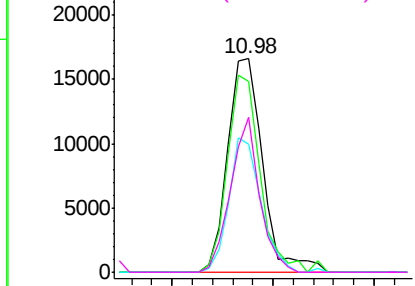
#55
 1,1,2-Trichloroethane
 Concen: 9.459 ug/l
 RT: 10.98 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 97 Resp: 40175
 Ion Ratio Lower Upper
 97 100
 83 89.4 68.5 102.7
 85 59.7 45.0 67.6
 99 72.5 49.0 73.4

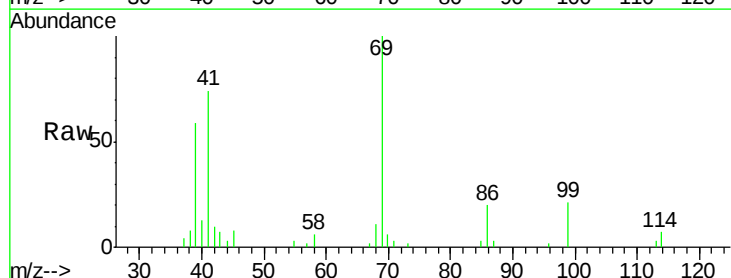


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

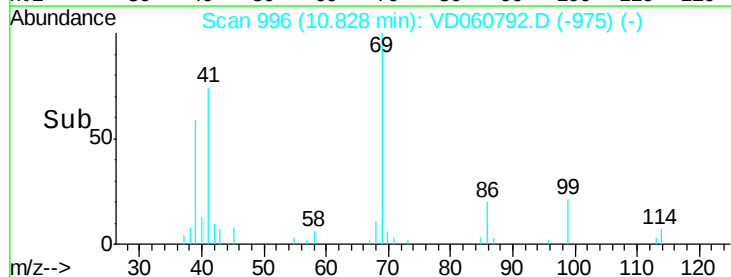
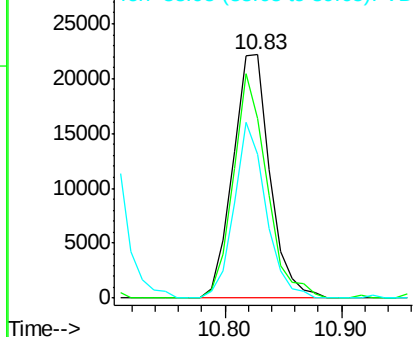


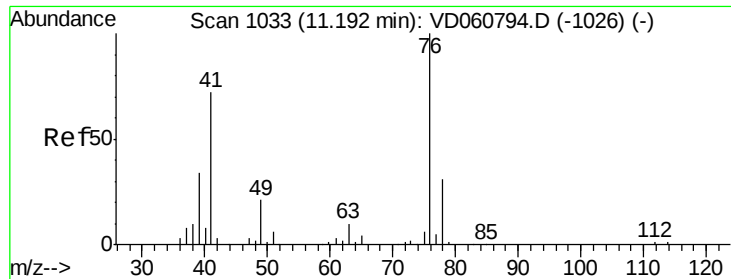
#56
 Ethyl methacrylate
 Concen: 9.509 ug/l
 RT: 10.83 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 69 Resp: 48925
 Ion Ratio Lower Upper
 69 100
 41 74.0 68.2 102.2
 39 58.8 49.4 74.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 9.420 ug/l

RT: 11.19 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

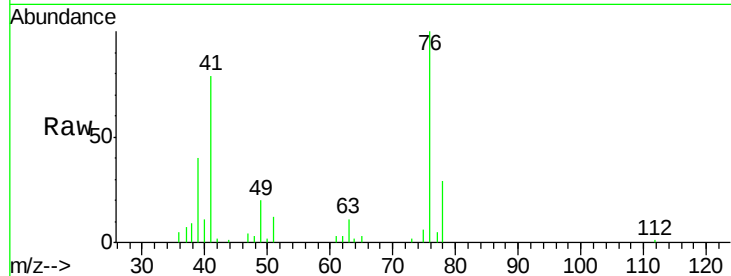
ClientSampleId :

Tgt Ion: 76 Resp: 68375

Ion Ratio Lower Upper

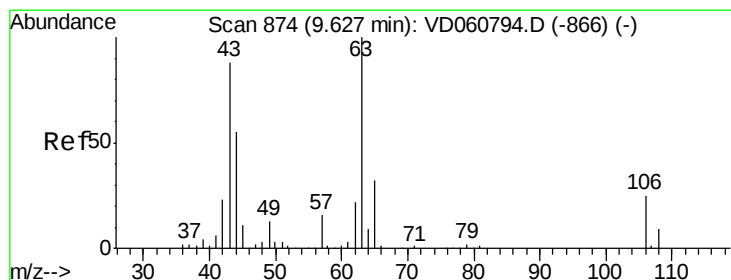
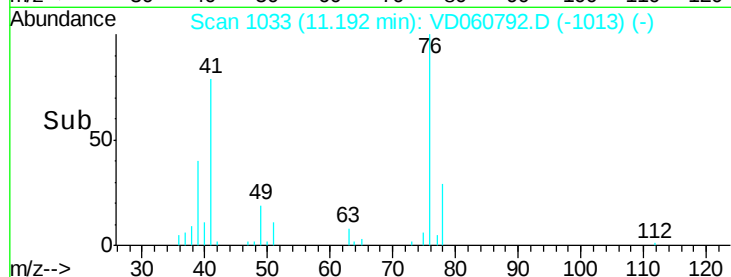
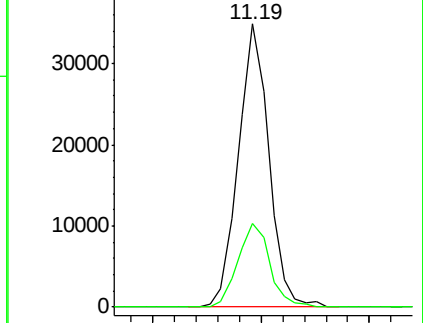
76 100

78 29.5 24.5 36.7



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: 50.910 ug/l

RT: 9.63 min Scan# 874

Delta R.T. 0.00 min

Lab File: VD060792.D

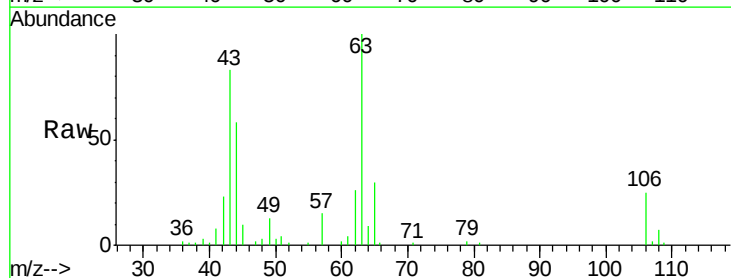
Acq: 28 Jan 2019 15:42

Tgt Ion: 63 Resp: 137437

Ion Ratio Lower Upper

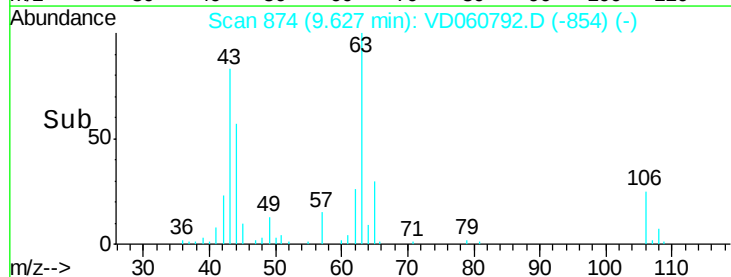
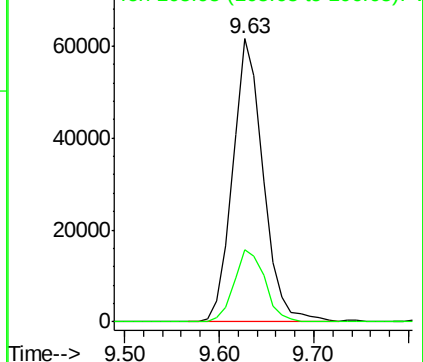
63 100

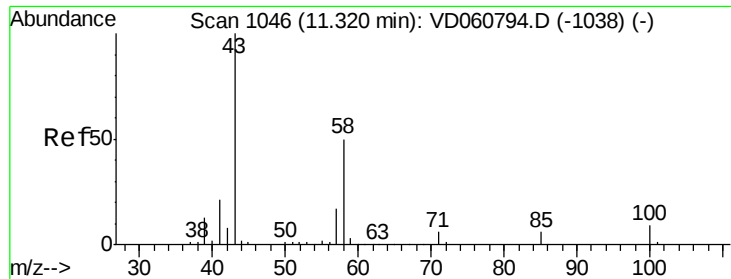
106 25.4 19.9 29.9



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

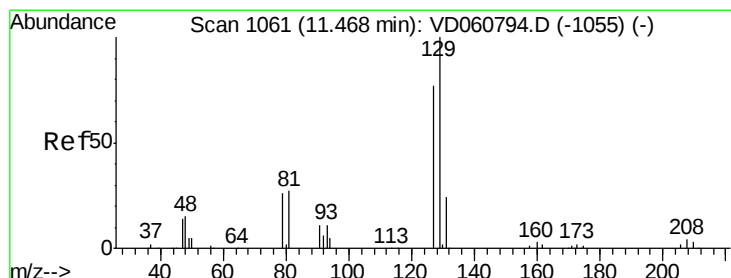
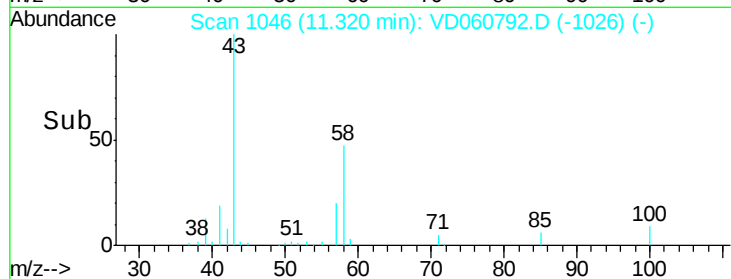
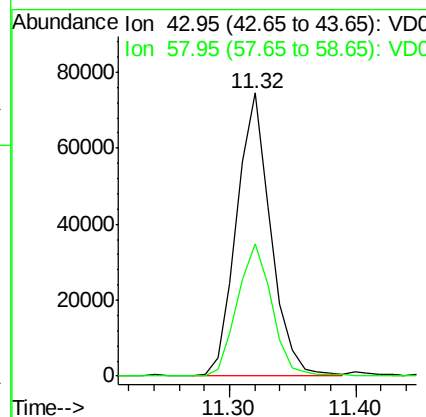
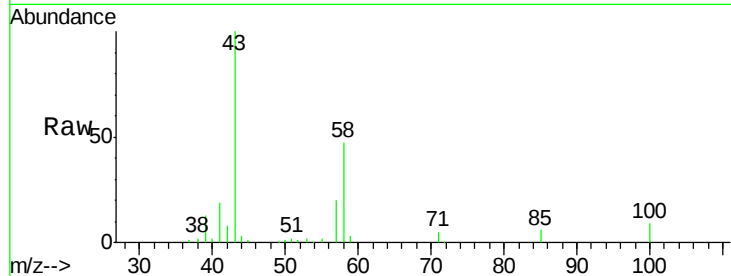




#59
2-Hexanone
Concen: 49.297 ug/l
RT: 11.32 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

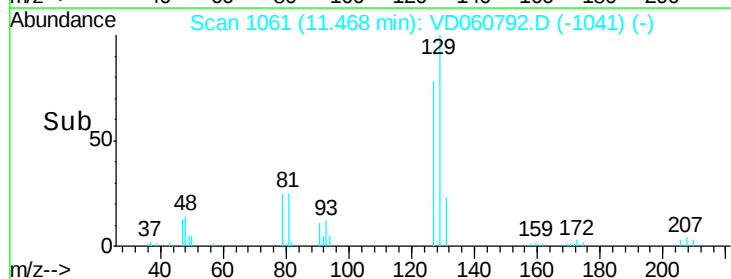
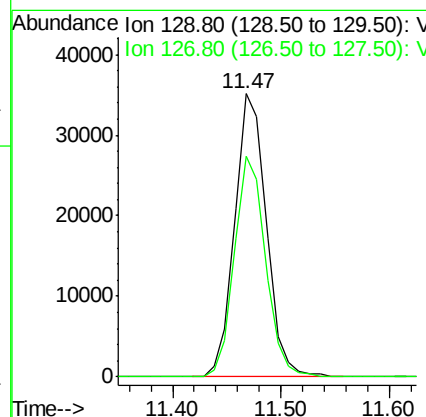
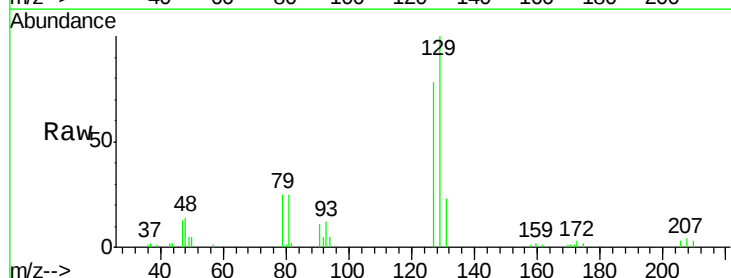
Instrument :
MSVOA_D
ClientSampleId :

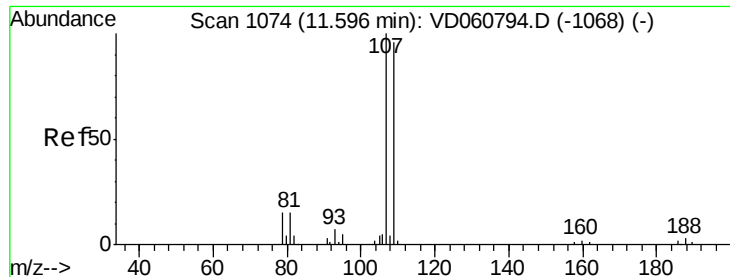
Tgt Ion: 43 Resp: 139062
Ion Ratio Lower Upper
43 100
58 46.7 25.0 75.0



#60
Dibromochloromethane
Concen: 9.365 ug/l
RT: 11.47 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 129 Resp: 71506
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

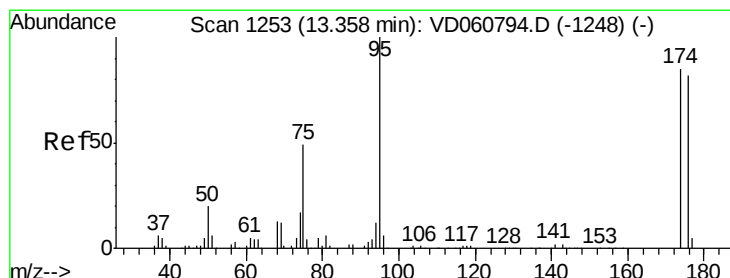
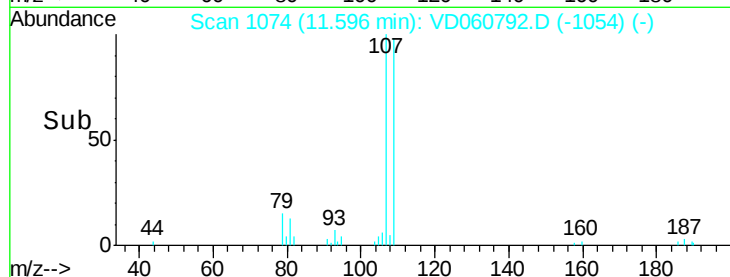
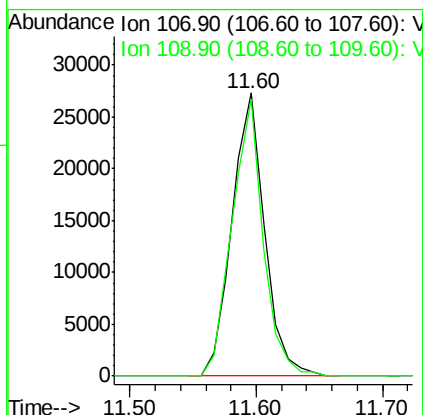
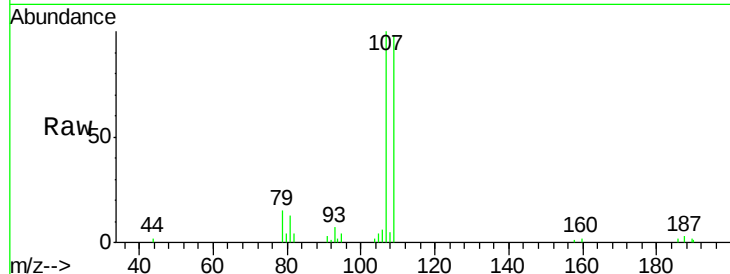




#61
 1,2-Dibromoethane
 Concen: 9.728 ug/l
 RT: 11.60 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

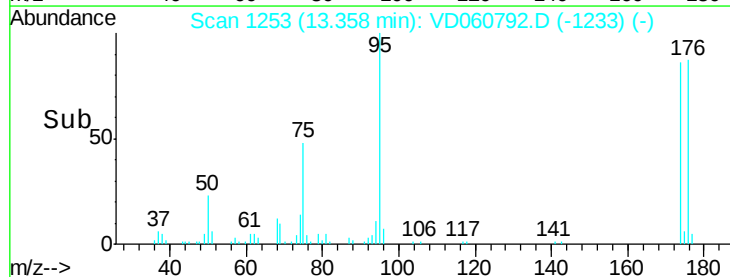
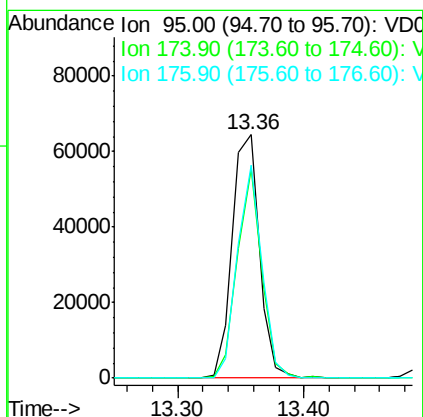
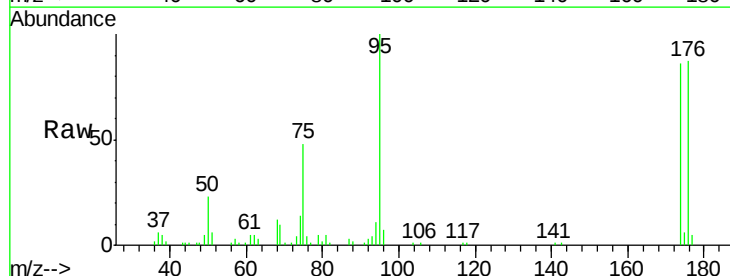
Instrument :
 MSVOA_D
 ClientSampled :

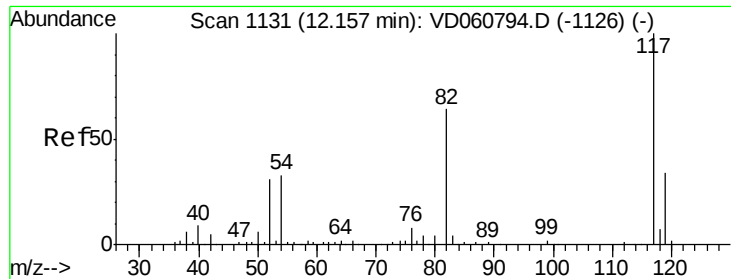
Tgt Ion: 107 Resp: 48662
 Ion Ratio Lower Upper
 107 100
 109 97.8 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 9.728 ug/l
 RT: 13.36 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 95 Resp: 95572
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 169.6
 176 87.4 0.0 163.8

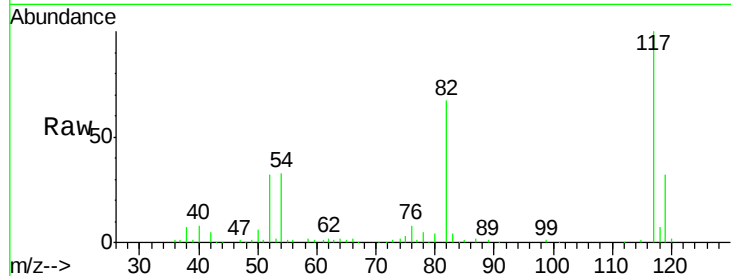




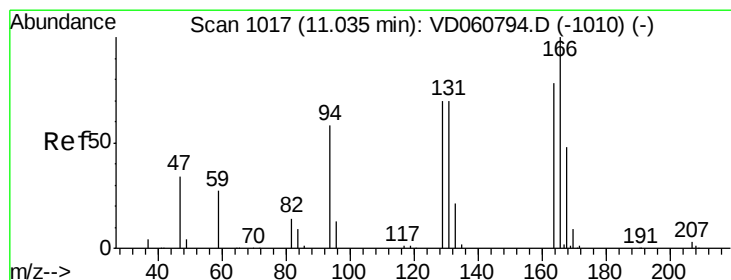
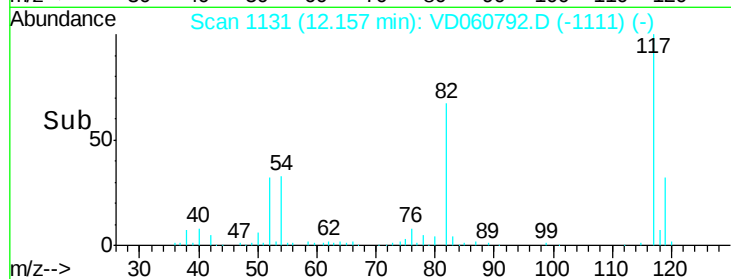
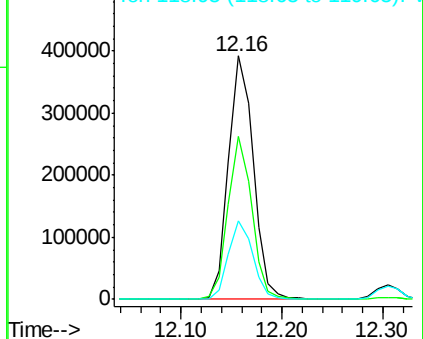
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.16 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:117 Resp: 671485
Ion Ratio Lower Upper
117 100
82 67.0 51.5 77.3
119 32.4 27.1 40.7

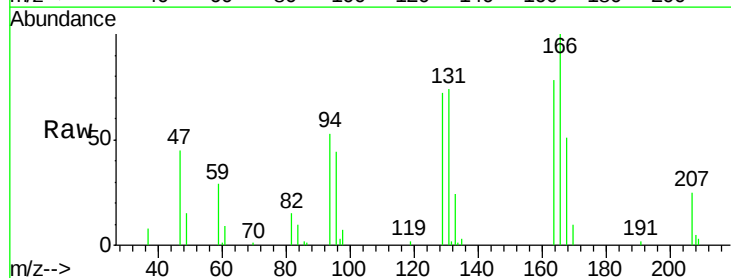


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

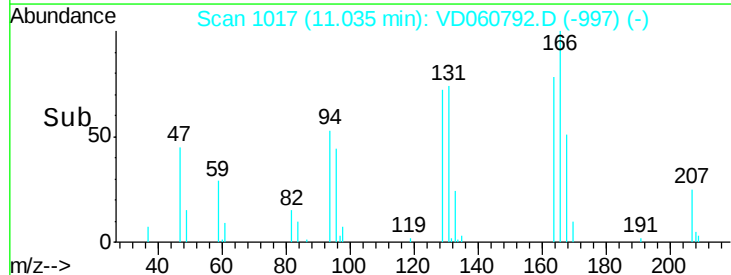
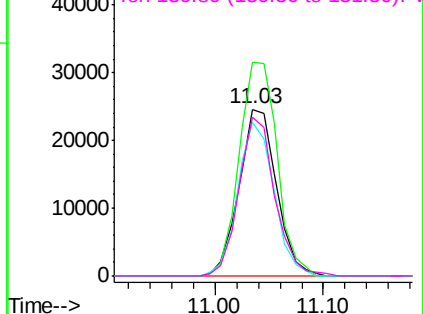


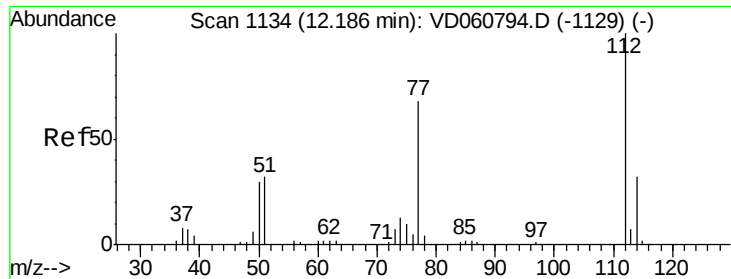
#64
Tetrachloroethene
Concen: 9.588 ug/l
RT: 11.03 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion:164 Resp: 59087
Ion Ratio Lower Upper
164 100
166 128.2 102.6 154.0
129 91.9 72.3 108.5
131 95.1 72.1 108.1



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

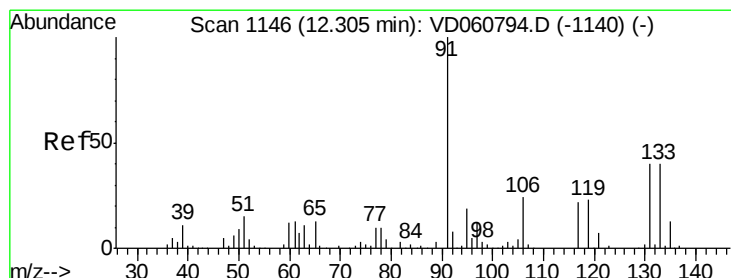
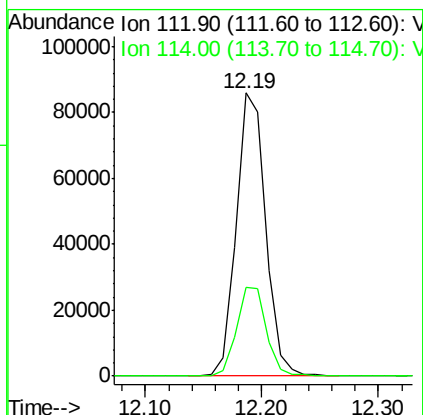
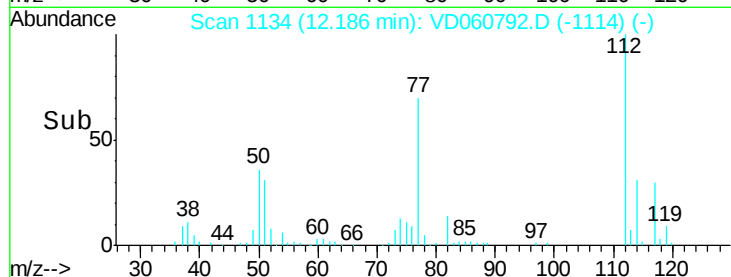
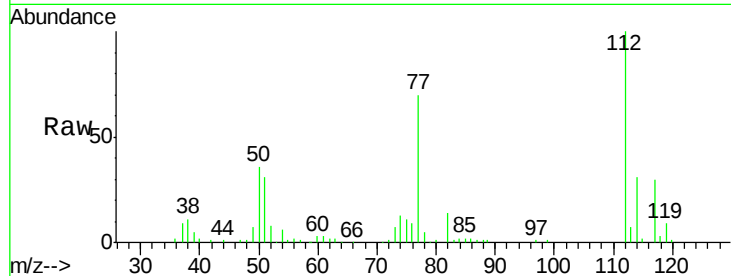




#65
Chlorobenzene
Concen: 9.731 ug/l
RT: 12.19 min Scan# 1134
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

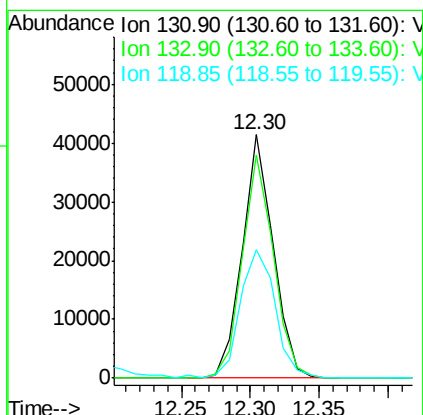
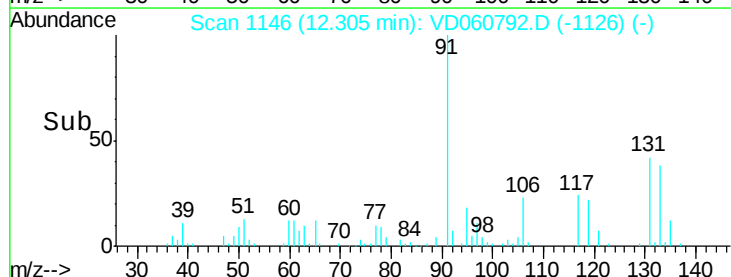
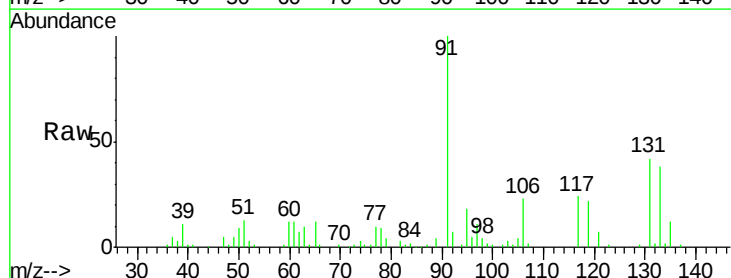
Instrument :
MSVOA_D
ClientSampleId :

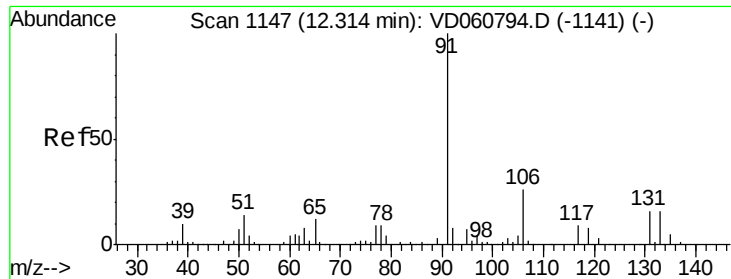
Tgt Ion:112 Resp: 149317
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 9.861 ug/l
RT: 12.30 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion:131 Resp: 65012
Ion Ratio Lower Upper
131 100
133 91.5 49.9 149.7
119 52.7 28.5 85.5

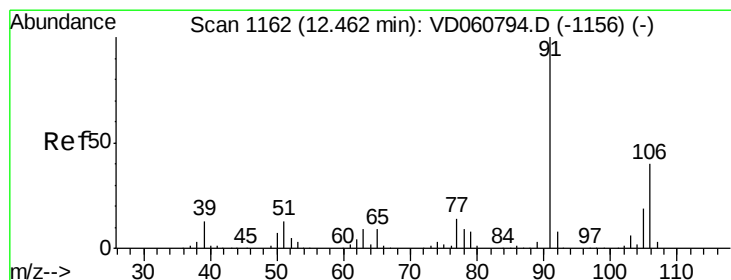
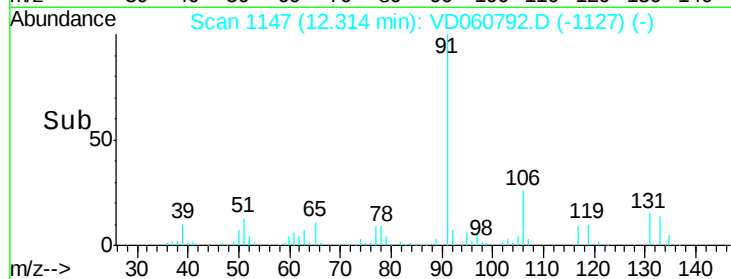
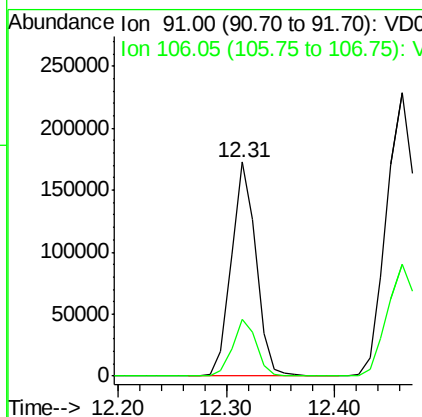
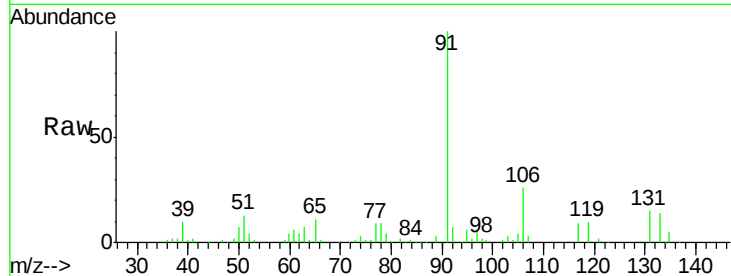




#67
Ethyl Benzene
Concen: 9.942 ug/l
RT: 12.31 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

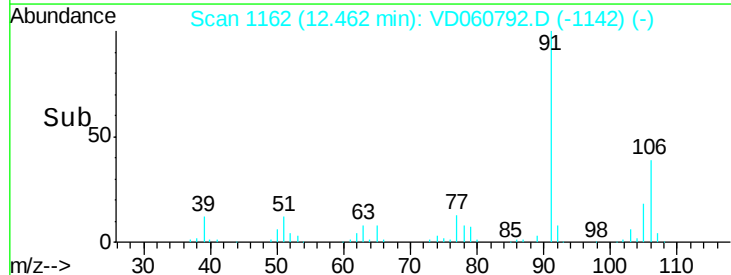
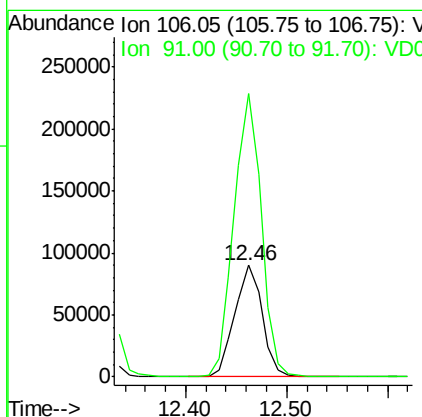
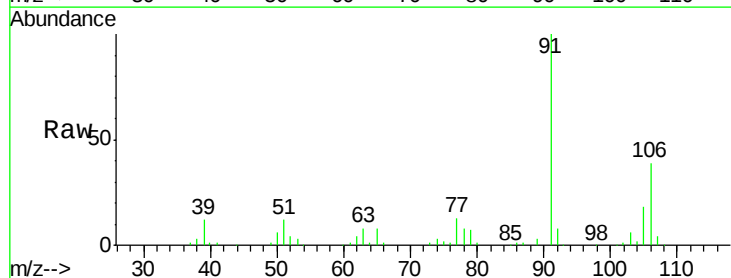
Instrument :
MSVOA_D
ClientSampleId :

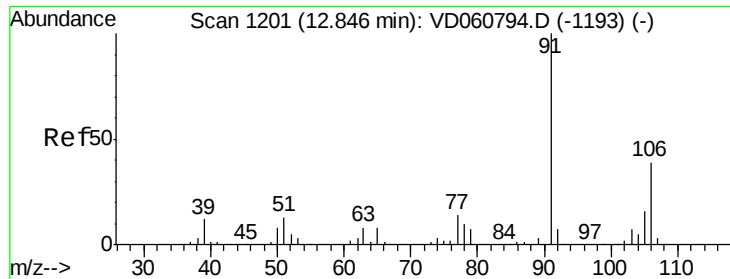
Tgt Ion: 91 Resp: 274328
Ion Ratio Lower Upper
91 100
106 26.4 21.0 31.6



#68
m/p-Xylenes
Concen: 19.082 ug/l
RT: 12.46 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 106 Resp: 171300
Ion Ratio Lower Upper
106 100
91 253.4 200.5 300.7

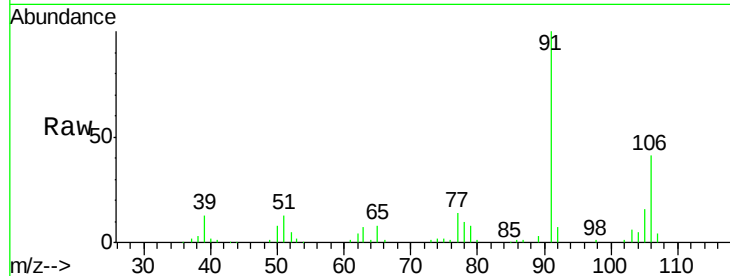




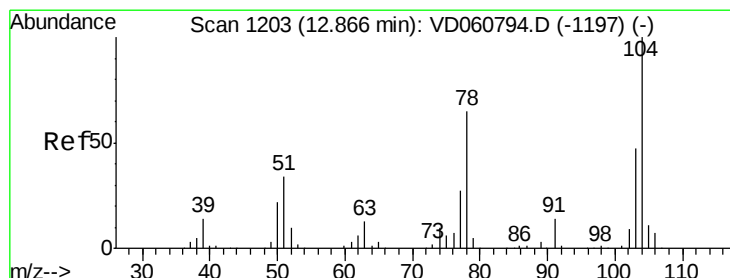
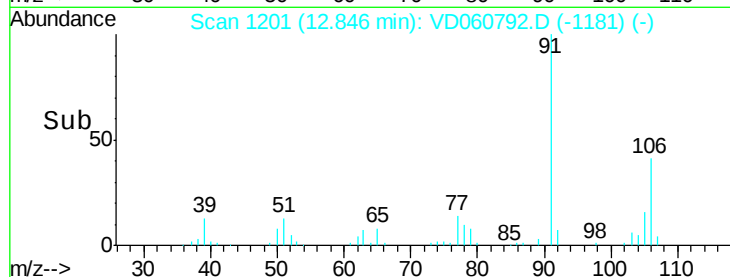
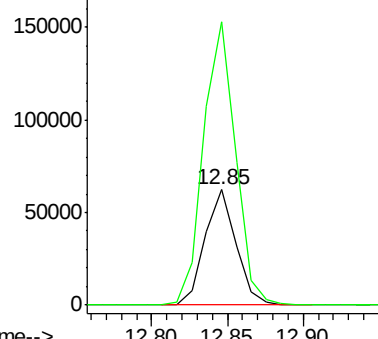
#69
o-Xylene
Concen: 9.975 ug/l
RT: 12.85 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 88632
Ion Ratio Lower Upper
106 100
91 244.8 127.6 382.7

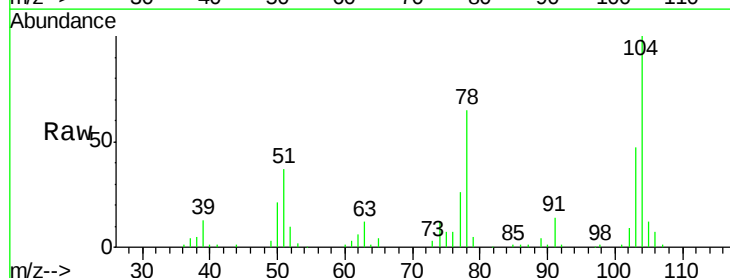


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

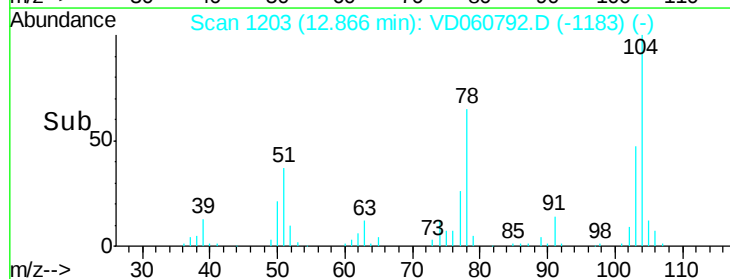
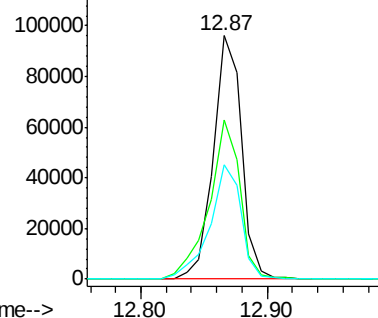


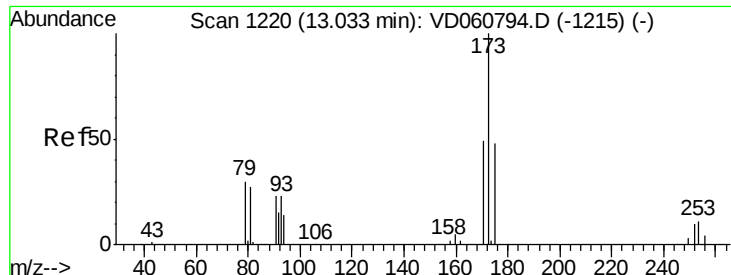
#70
Styrene
Concen: 9.931 ug/l
RT: 12.87 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion:104 Resp: 147975
Ion Ratio Lower Upper
104 100
78 65.1 52.0 78.0
103 46.8 37.7 56.5



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

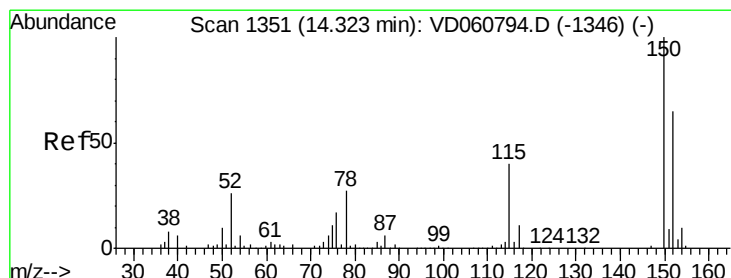
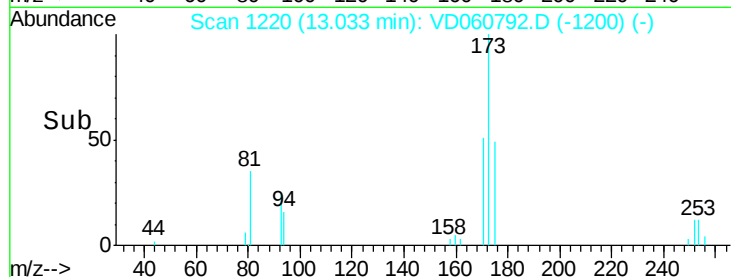
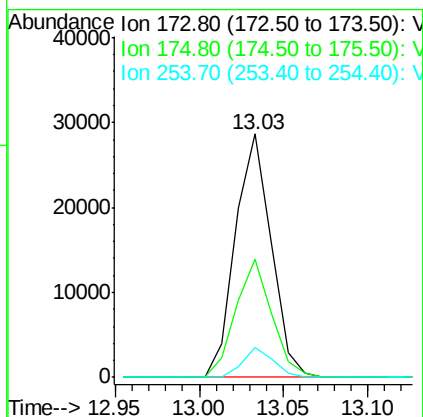
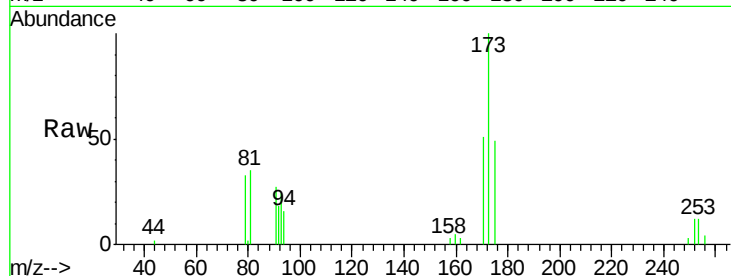




#71
Bromoform
Concen: 8.516 ug/l
RT: 13.03 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

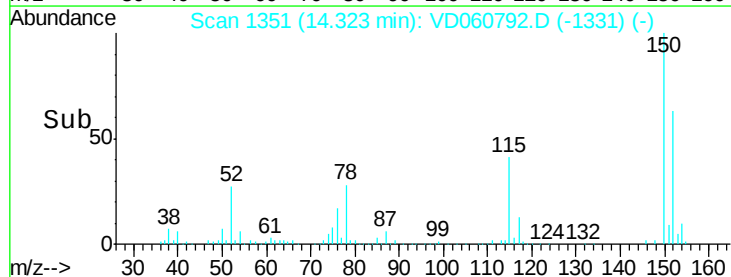
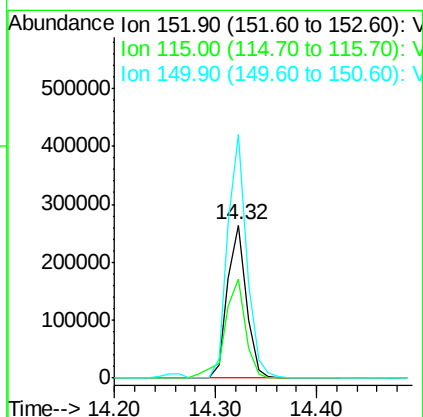
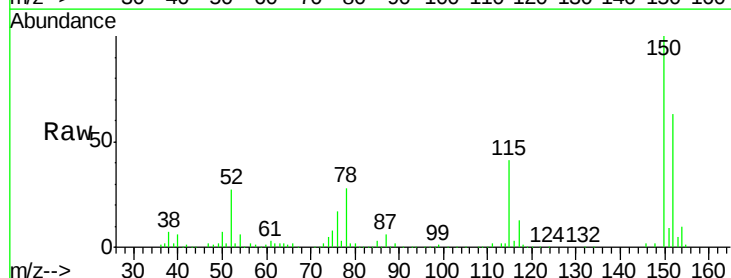
Instrument :
MSVOA_D
ClientSampleId :

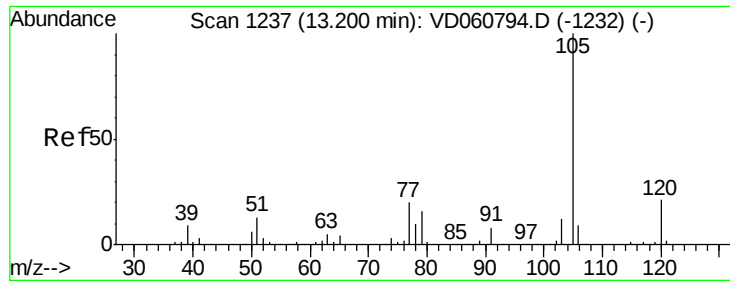
Tgt Ion:173 Resp: 42302
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 12.0 9.1 13.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.32 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion:152 Resp: 343704
Ion Ratio Lower Upper
152 100
115 64.6 31.6 95.0
150 159.0 0.0 317.6





#73

Isopropylbenzene

Concen: 9.917 ug/l

RT: 13.20 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

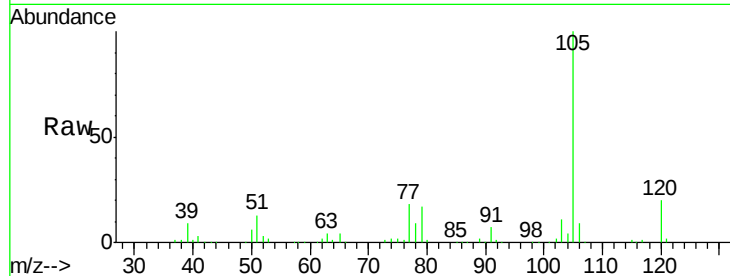
ClientSampleId :

Tgt Ion: 105 Resp: 271770

Ion Ratio Lower Upper

105 100

120 20.4 10.7 32.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

200000

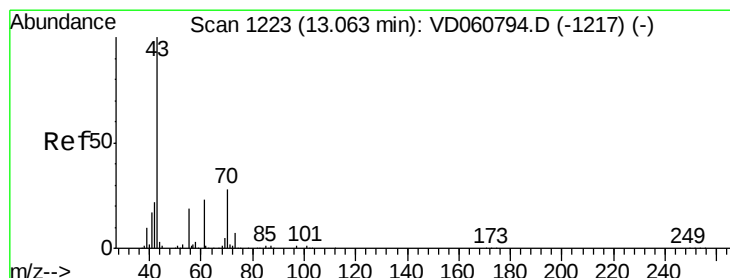
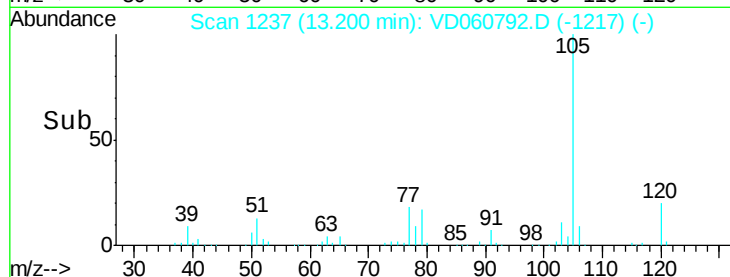
150000

100000

50000

0

Time--> 13.10 13.20 13.30



#74

N-ethyl acetate

Concen: 9.020 ug/l

RT: 13.06 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Tgt Ion: 43 Resp: 75986

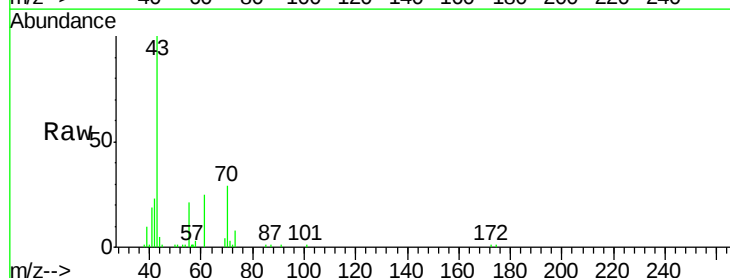
Ion Ratio Lower Upper

43 100

70 29.3 22.2 33.4

55 20.8 15.5 23.3

61 24.7 18.4 27.6



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

80000

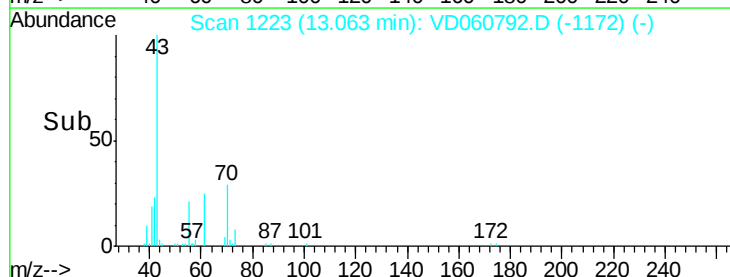
60000

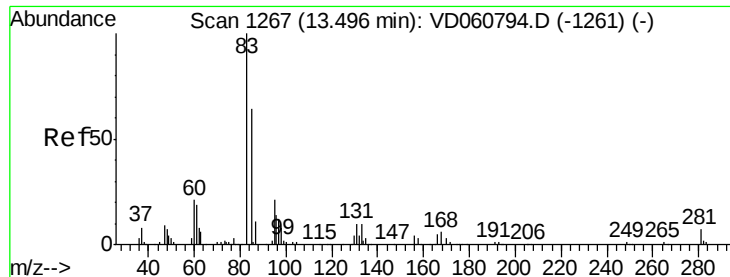
40000

20000

0

Time--> 13.00 13.10 13.20





#75

1,1,2,2-Tetrachloroethane

Concen: 8.740 ug/l

RT: 13.50 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VD060792.D

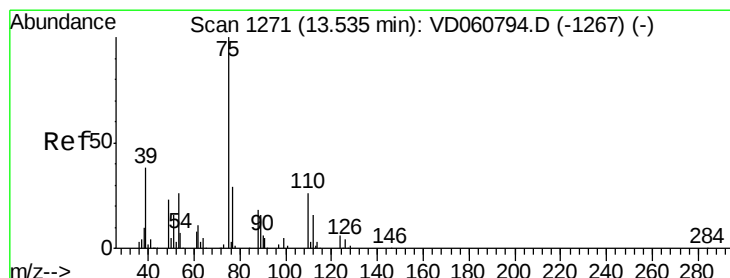
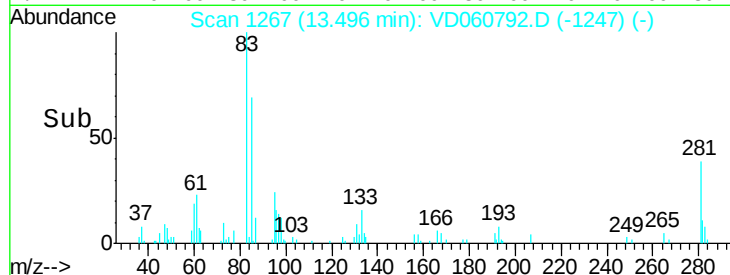
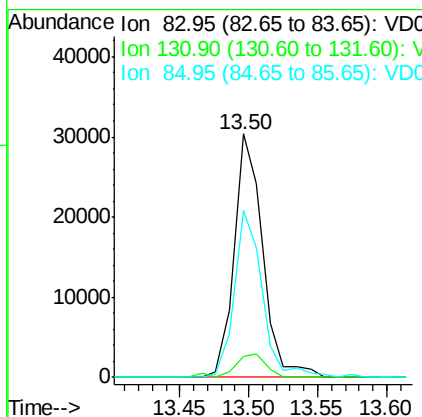
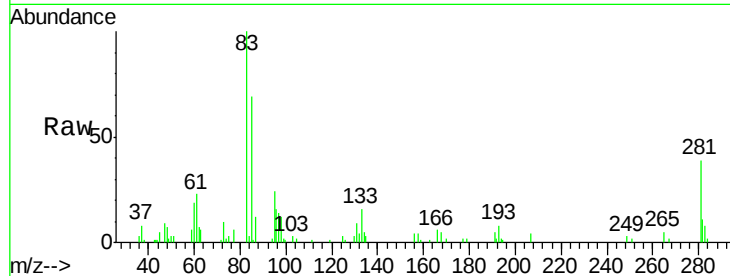
Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	43610
Ion	Ratio	Lower	Upper
83	100		
131	8.6	5.0	15.0
85	68.7	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 9.217 ug/l

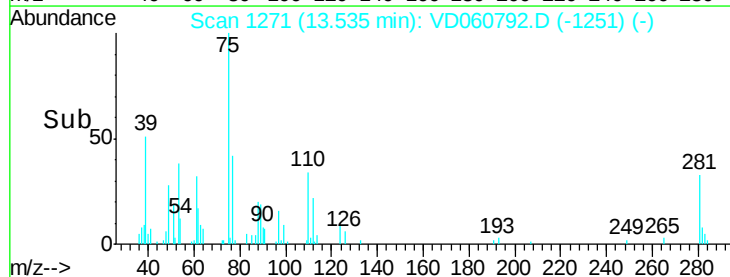
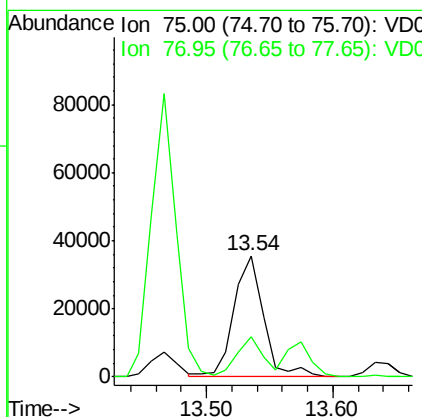
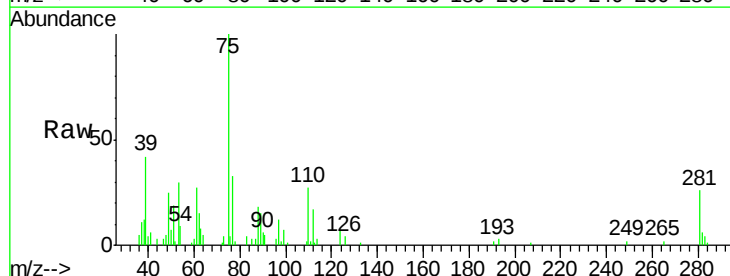
RT: 13.54 min Scan# 1271

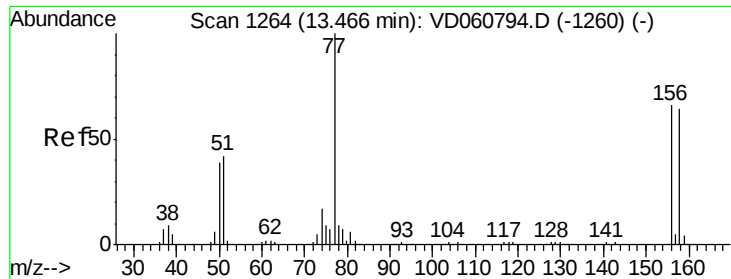
Delta R.T. 0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Tgt Ion:	75	Resp:	58091
Ion	Ratio	Lower	Upper
75	100		
77	32.6	15.9	47.7





#77

Bromobenzene

Concen: 9.834 ug/l

RT: 13.47 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VD060792.D

Acq: 28 Jan 2019 15:42

Instrument :

MSVOA_D

ClientSampled :

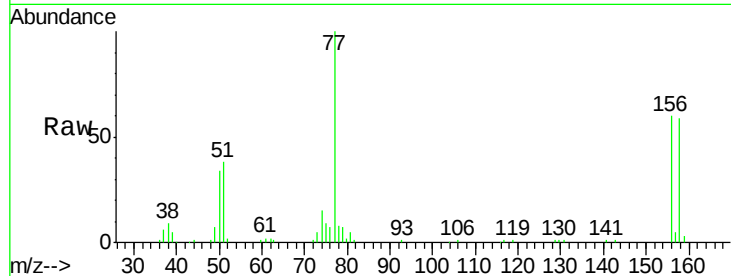
Tgt Ion: 156 Resp: 69275

Ion Ratio Lower Upper

156 100

77 166.8 76.0 228.0

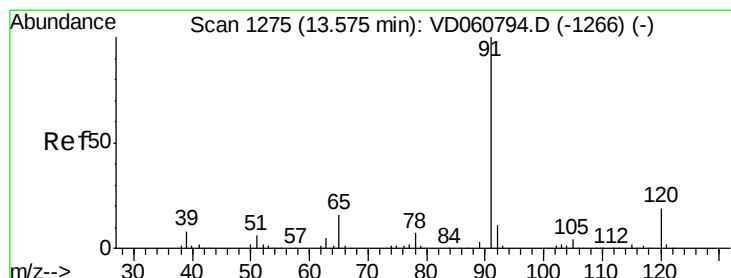
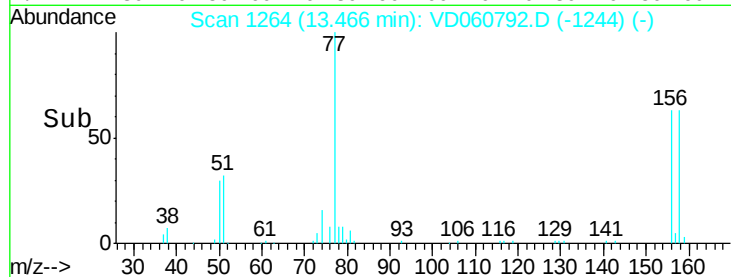
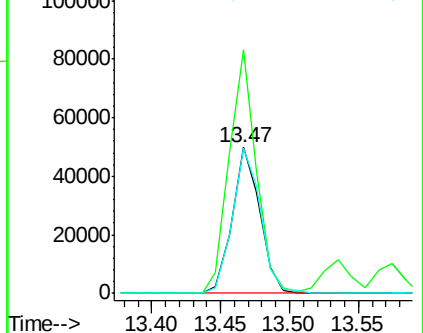
158 99.0 48.4 145.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 9.442 ug/l

RT: 13.57 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VD060792.D

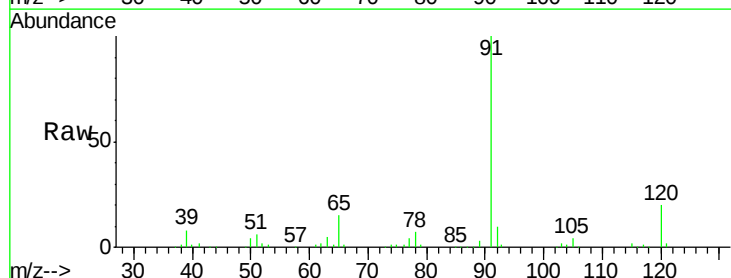
Acq: 28 Jan 2019 15:42

Tgt Ion: 91 Resp: 324825

Ion Ratio Lower Upper

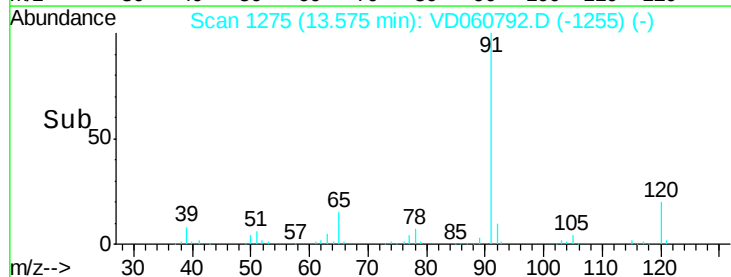
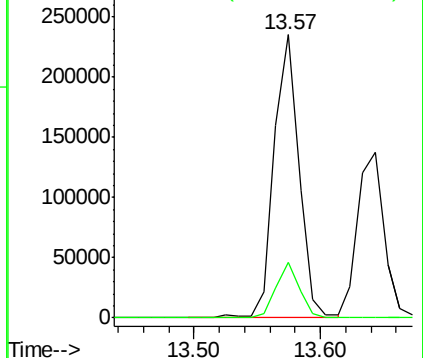
91 100

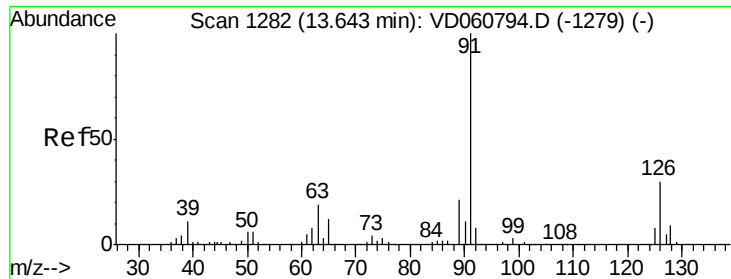
120 19.6 9.7 28.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

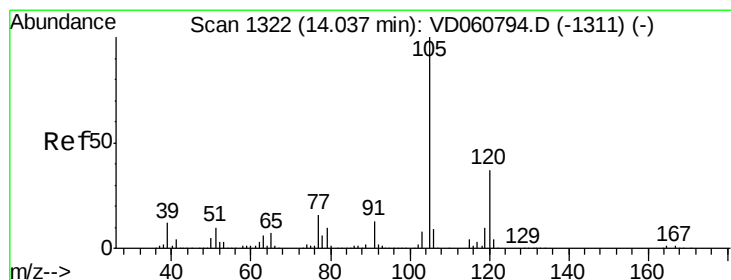
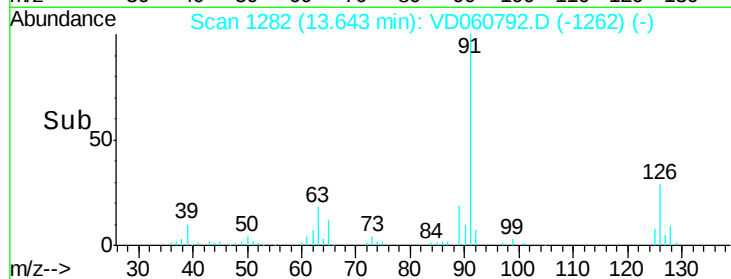
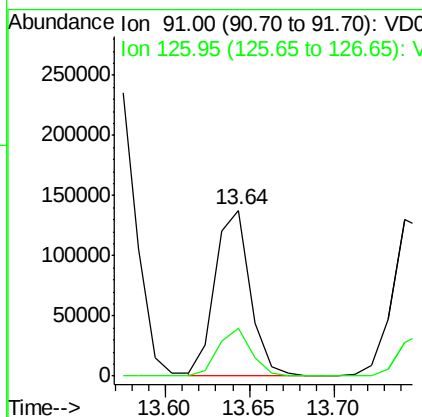
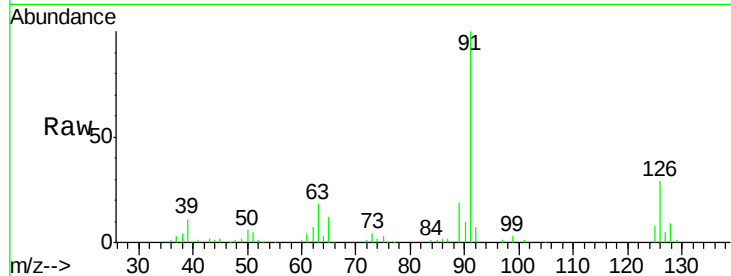




#79
 2-Chlorotoluene
 Concen: 9.482 ug/l
 RT: 13.64 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

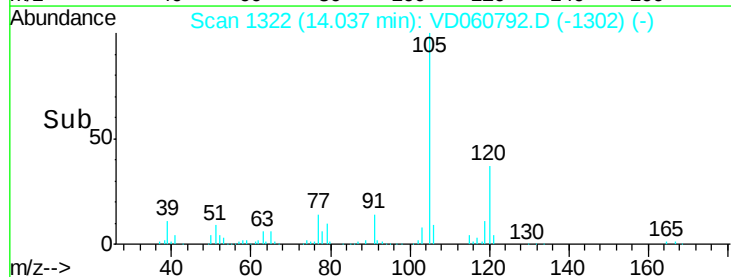
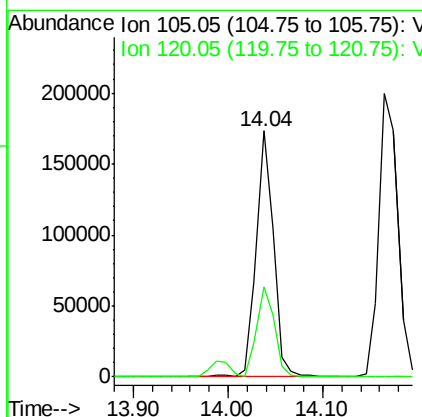
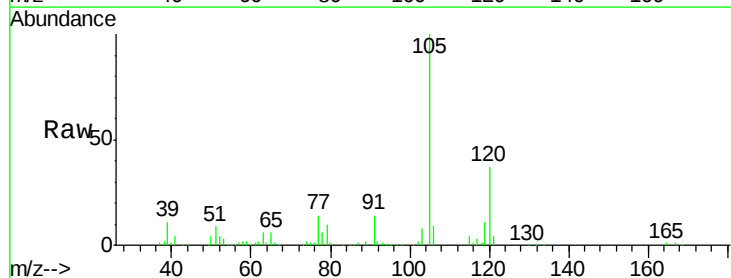
Instrument :
 MSVOA_D
 ClientSampleId :

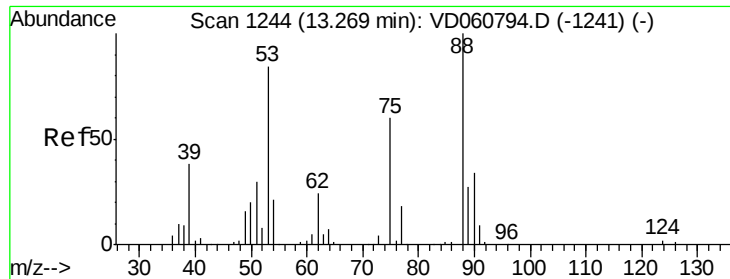
Tgt Ion: 91 Resp: 198947
 Ion Ratio Lower Upper
 91 100
 126 28.7 14.7 44.1



#80
 1,3,5-Trimethylbenzene
 Concen: 9.358 ug/l
 RT: 14.04 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 105 Resp: 220770
 Ion Ratio Lower Upper
 105 100
 120 36.6 18.4 55.2

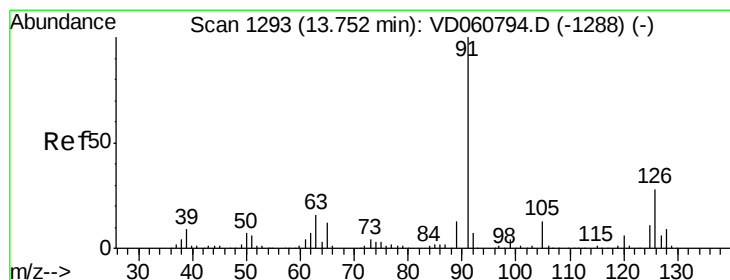
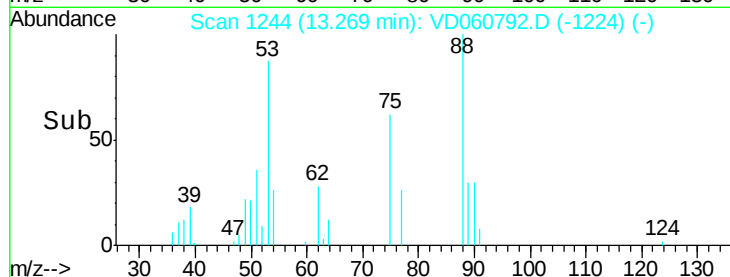
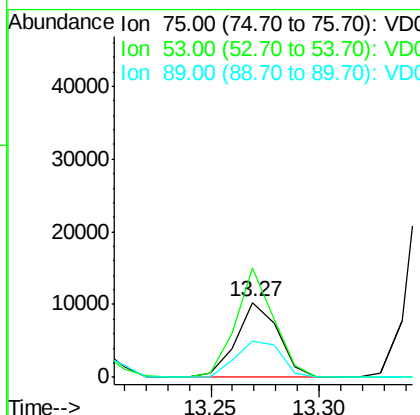
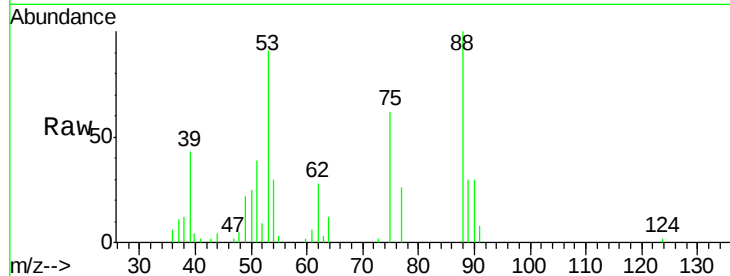




#81
trans-1,4-Dichloro-2-butene
Concen: 8.539 ug/l
RT: 13.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

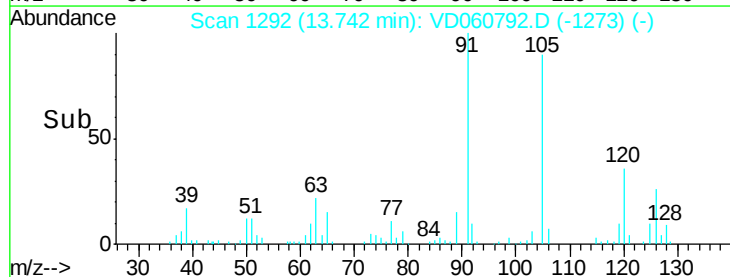
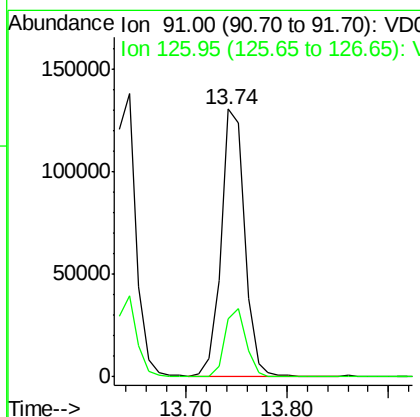
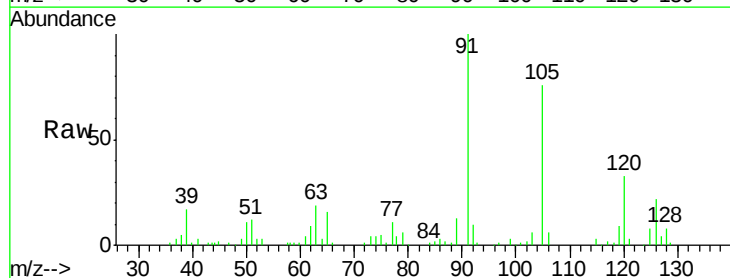
Instrument :
MSVOA_D
ClientSampleId :

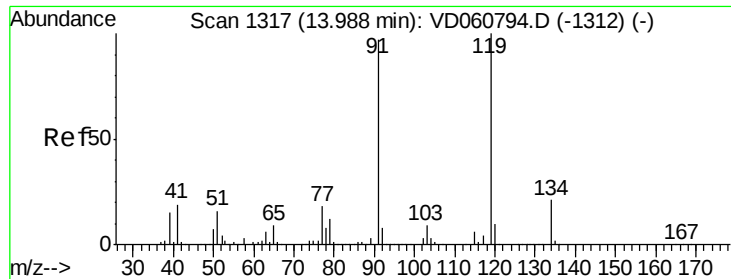
Tgt Ion: 75 Resp: 14031
Ion Ratio Lower Upper
75 100
53 146.5 111.6 167.4
89 49.1 35.9 53.9



#82
4-Chlorotoluene
Concen: 9.171 ug/l
RT: 13.74 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 91 Resp: 213880
Ion Ratio Lower Upper
91 100
126 21.7 13.9 41.7

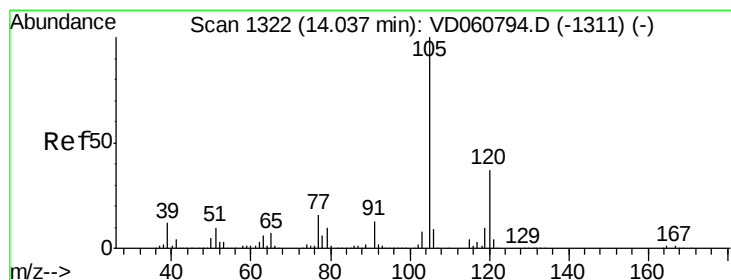
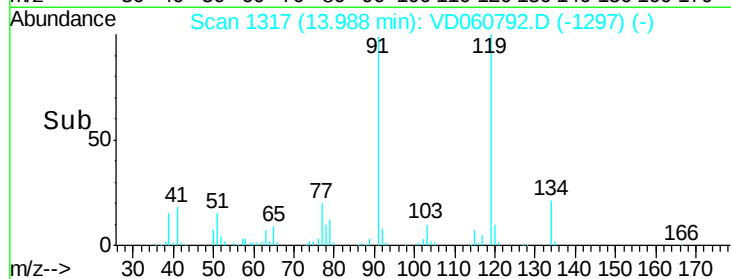
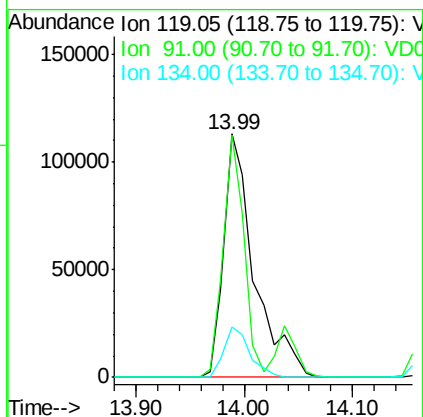
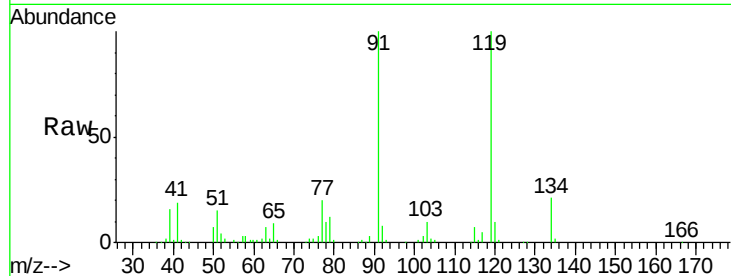




#83
 tert-Butylbenzene
 Concen: 9.024 ug/l
 RT: 13.99 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

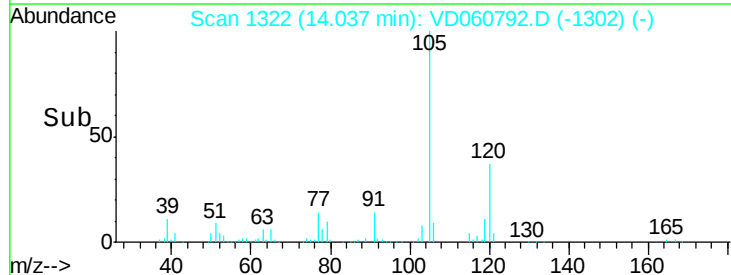
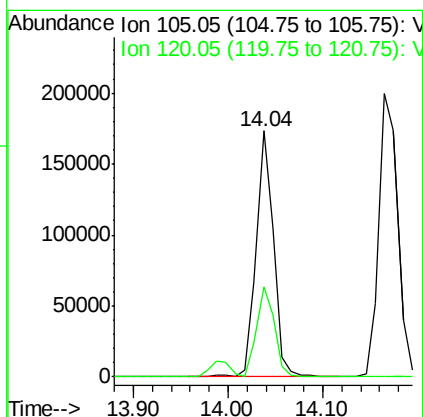
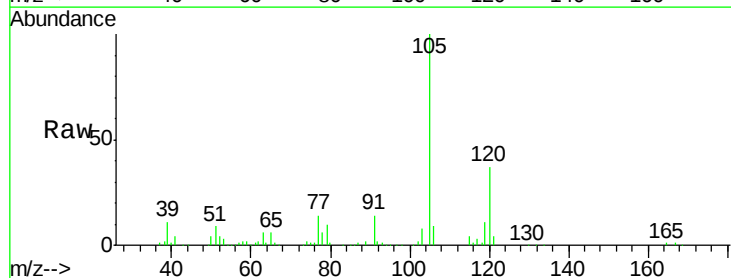
Instrument :
 MSVOA_D
 ClientSampleId :

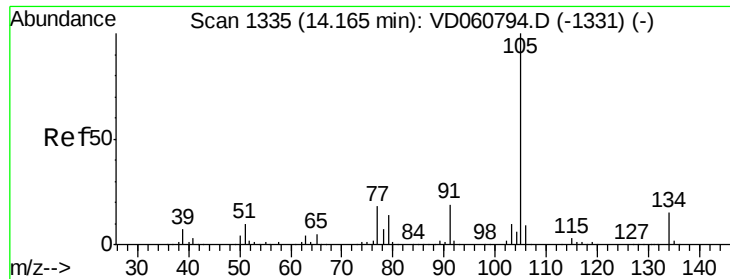
Tgt Ion:119 Resp: 222733
 Ion Ratio Lower Upper
 119 100
 91 99.7 48.5 145.5
 134 20.6 10.3 30.8



#84
 1,2,4-Trimethylbenzene
 Concen: 9.358 ug/l
 RT: 14.04 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion:105 Resp: 220770
 Ion Ratio Lower Upper
 105 100
 120 36.6 18.4 55.2

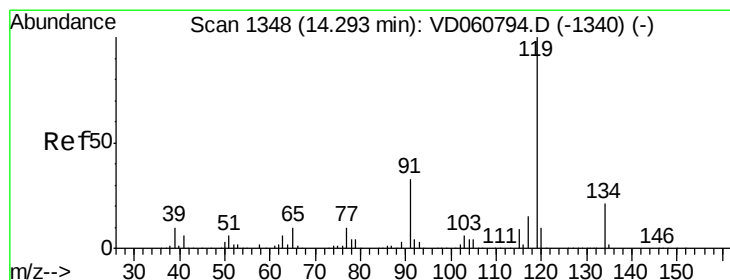
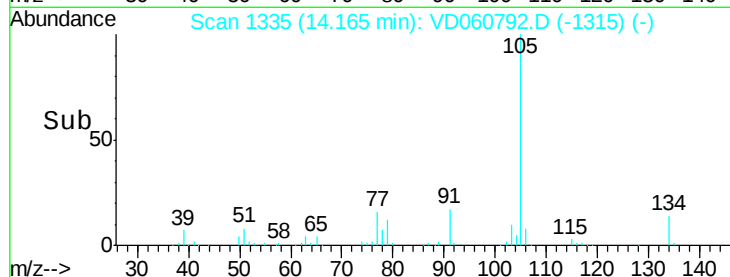
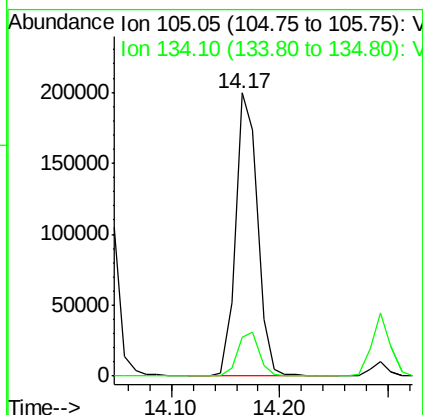
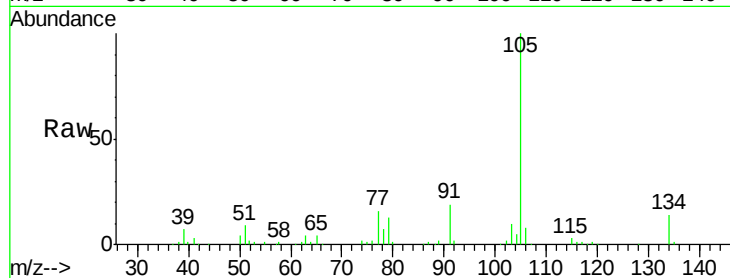




#85
 sec-Butylbenzene
 Concen: 9.983 ug/l
 RT: 14.17 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

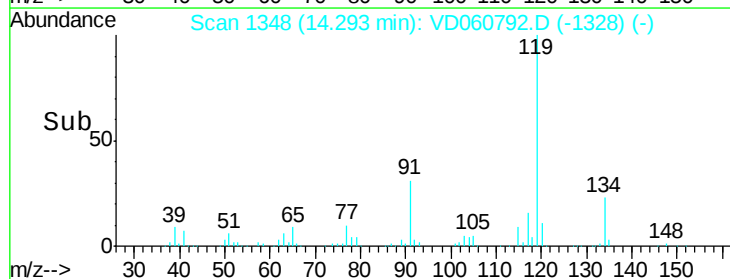
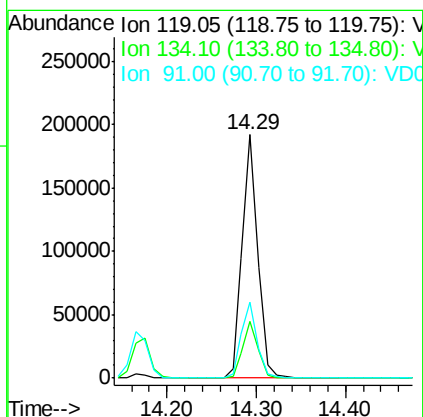
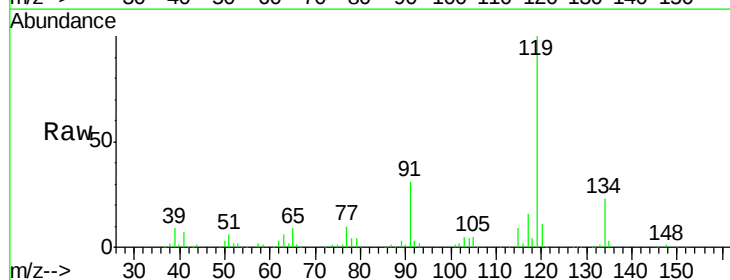
Instrument :
 MSVOA_D
 ClientSampleID :

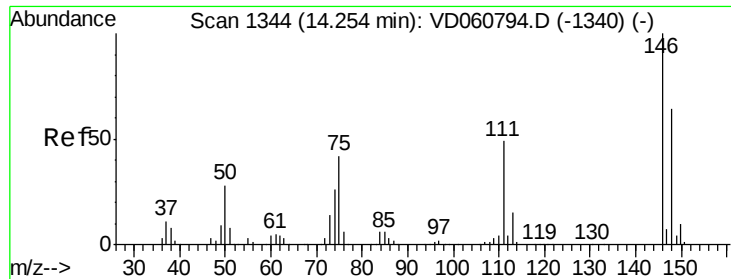
Tgt Ion:105 Resp: 280491
 Ion Ratio Lower Upper
 105 100
 134 13.8 7.4 22.2



#86
 p-Isopropyltoluene
 Concen: 10.287 ug/l
 RT: 14.29 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion:119 Resp: 234656
 Ion Ratio Lower Upper
 119 100
 134 23.4 10.8 32.3
 91 31.1 16.7 50.0

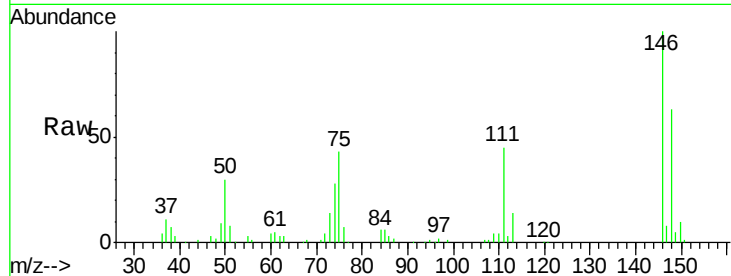




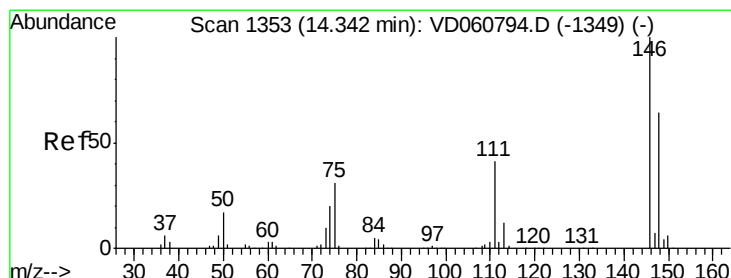
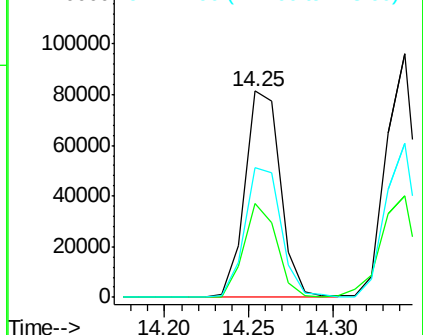
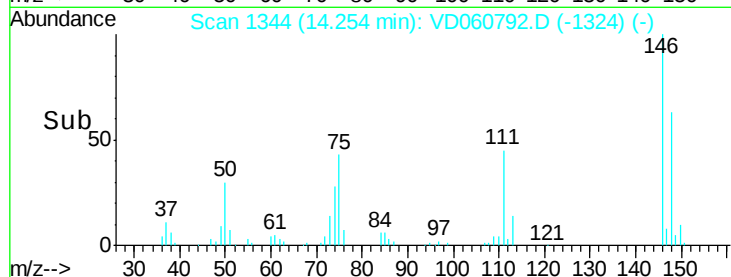
#87
 1,3-Dichlorobenzene
 Concen: 9.461 ug/l
 RT: 14.25 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion:146 Resp: 119209
 Ion Ratio Lower Upper
 146 100
 111 45.2 24.3 73.0
 148 62.6 32.1 96.5

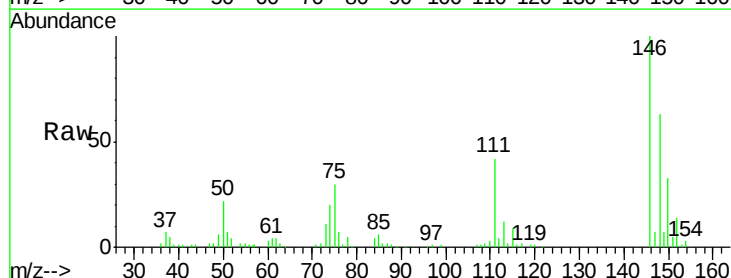


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

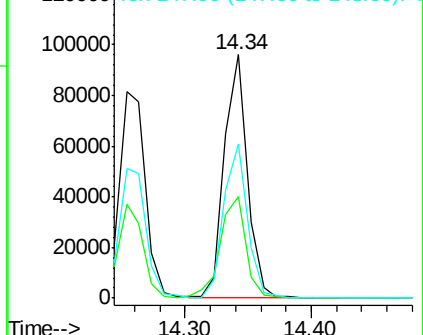
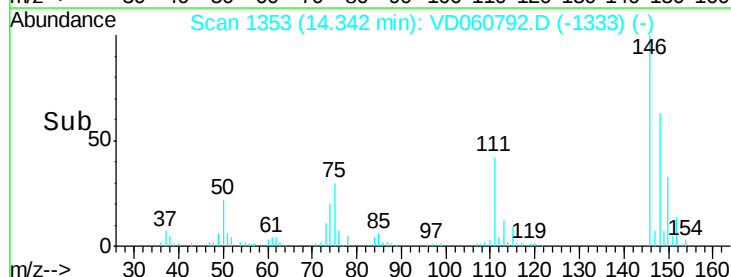


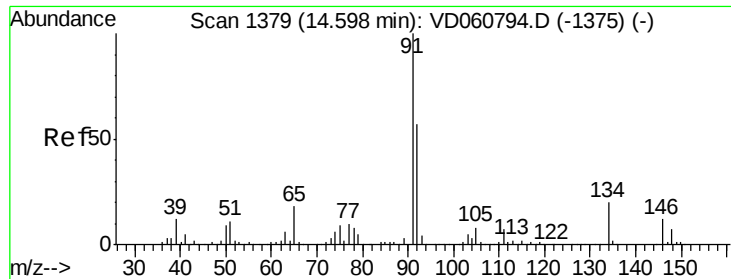
#88
 1,4-Dichlorobenzene
 Concen: 9.930 ug/l
 RT: 14.34 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion:146 Resp: 121560
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.8
 148 63.3 31.9 95.7



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

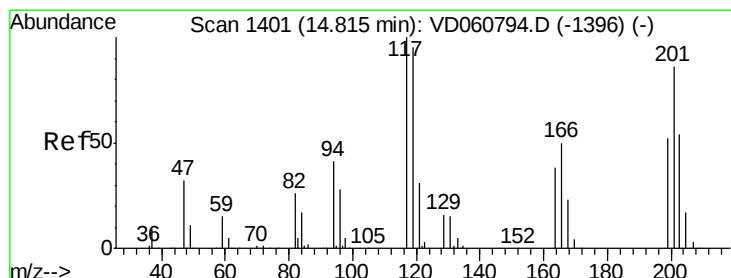
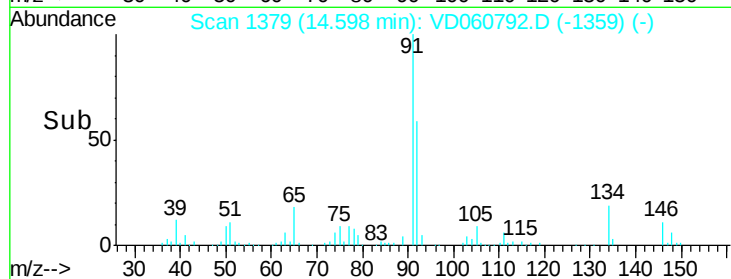
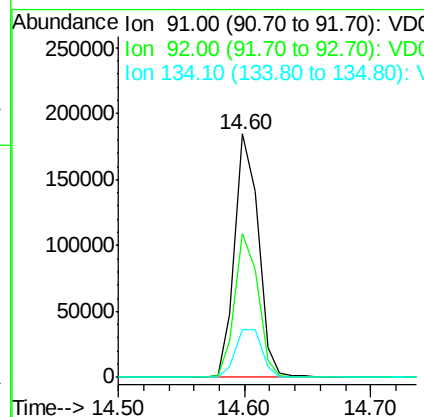
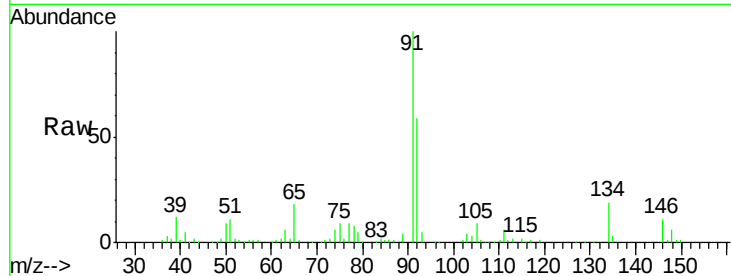




#89
n-Butylbenzene
Concen: 10.048 ug/l
RT: 14.60 min Scan# 1379
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

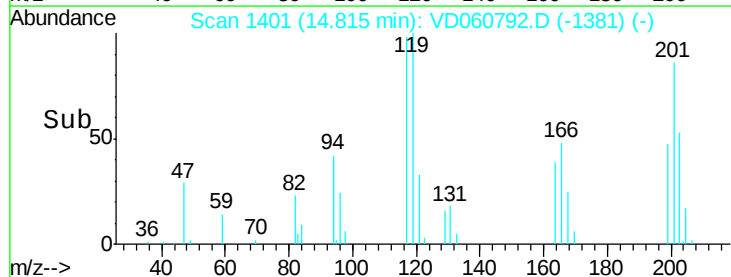
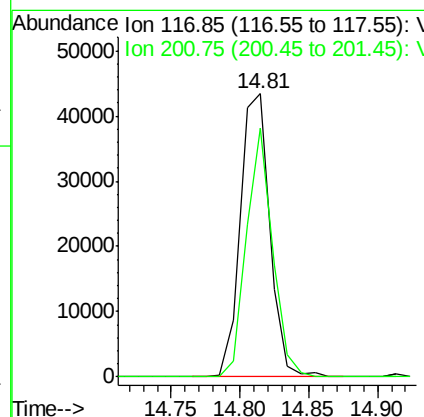
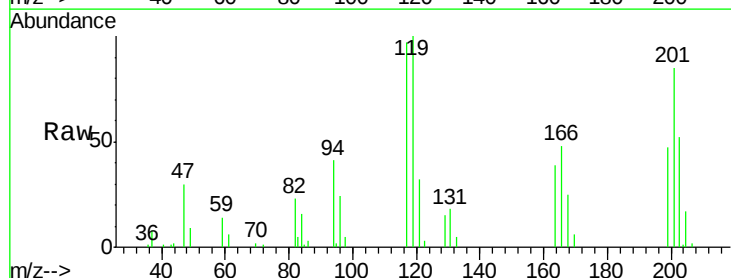
Instrument :
MSVOA_D
ClientSampleId :

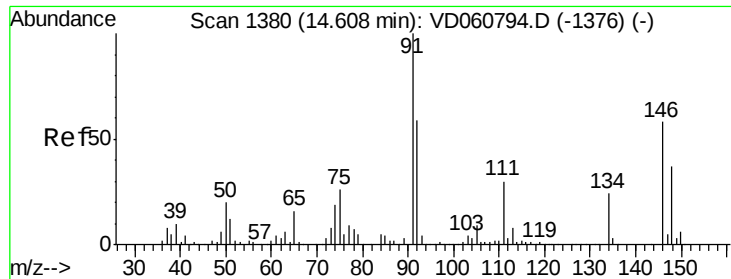
Tgt Ion: 91 Resp: 239138
Ion Ratio Lower Upper
91 100
92 59.1 28.5 85.5
134 19.4 10.0 29.8



#90
Hexachloroethane
Concen: 9.568 ug/l
RT: 14.81 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion: 117 Resp: 64949
Ion Ratio Lower Upper
117 100
201 87.8 43.0 128.8

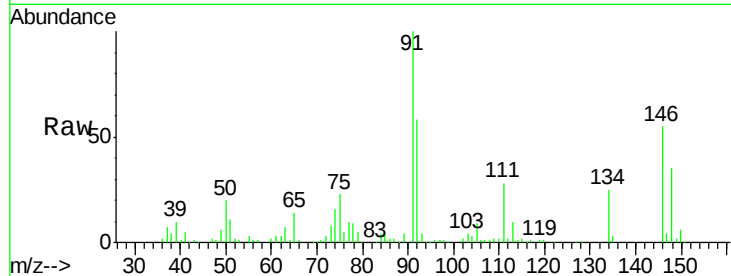




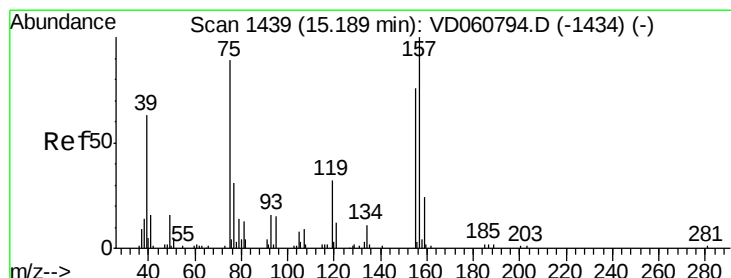
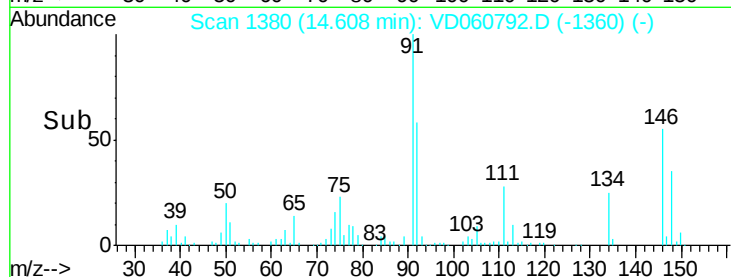
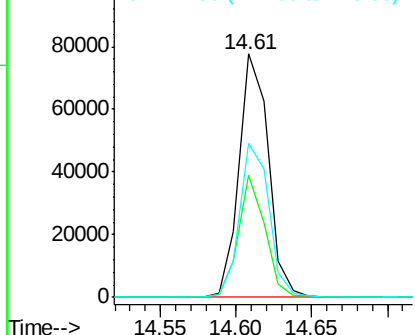
#91
 1,2-Dichlorobenzene
 Concen: 9.987 ug/l
 RT: 14.61 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 146 Resp: 104446
 Ion Ratio Lower Upper
 146 100
 111 50.3 25.6 76.8
 148 63.3 31.4 94.3

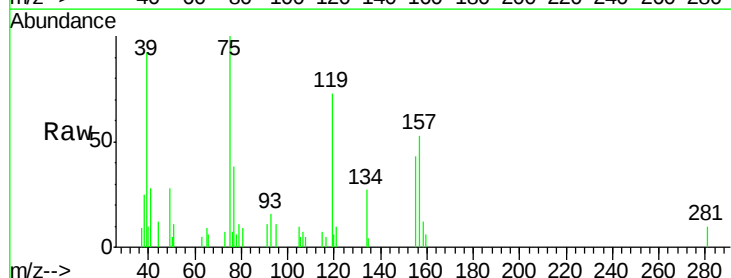


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

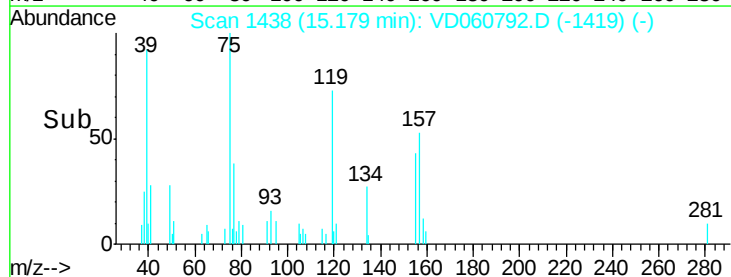
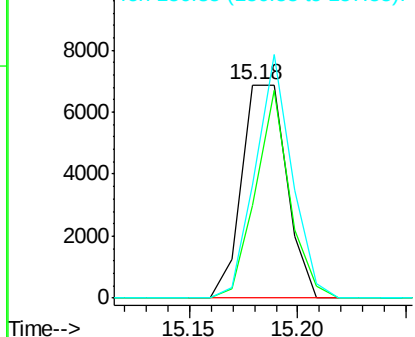


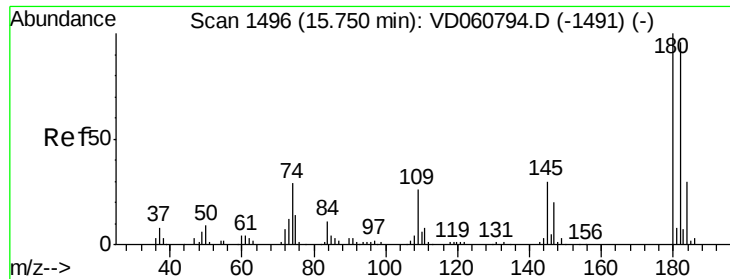
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.473 ug/l
 RT: 15.18 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion: 75 Resp: 10044
 Ion Ratio Lower Upper
 75 100
 155 43.2 43.0 129.0
 157 53.2 56.3 168.9#



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

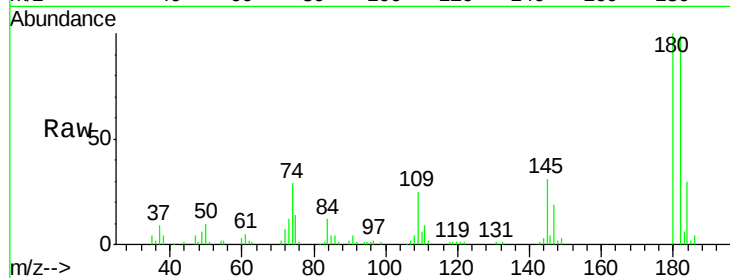




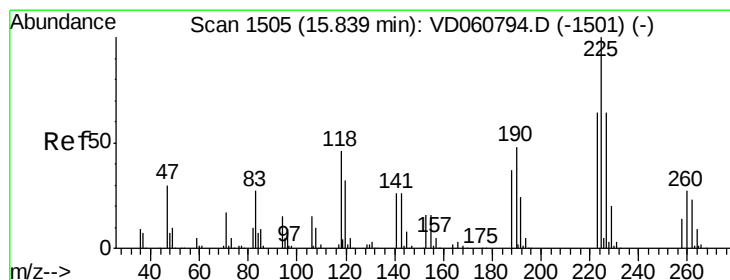
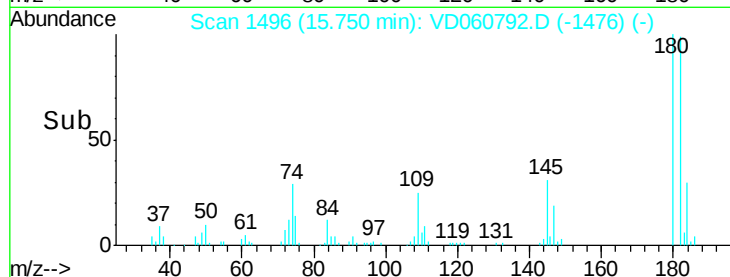
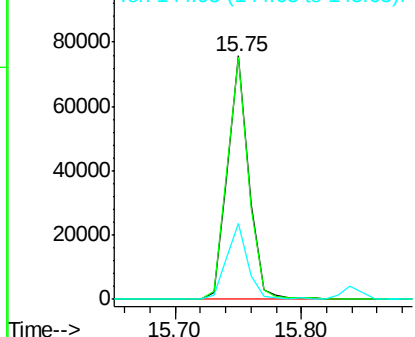
#93
 1,2,4-Trichlorobenzene
 Concen: 9.679 ug/l
 RT: 15.75 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:180 Resp: 87649
 Ion Ratio Lower Upper
 180 100
 182 99.3 47.9 143.7
 145 31.0 15.0 45.1

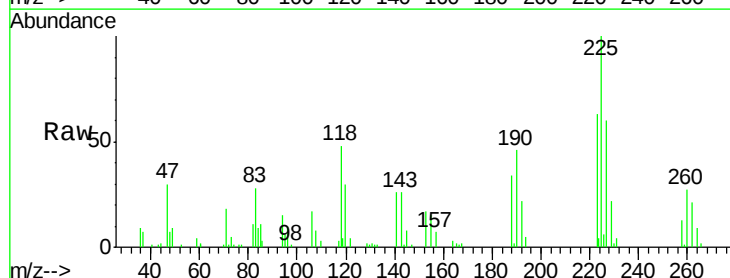


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

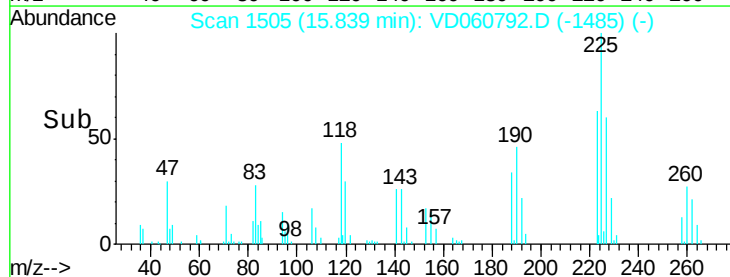
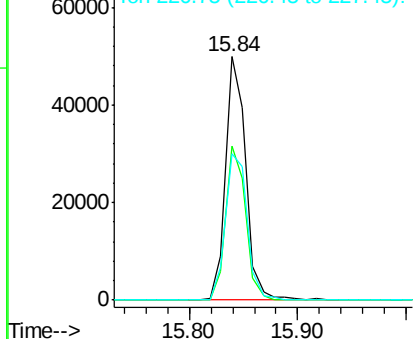


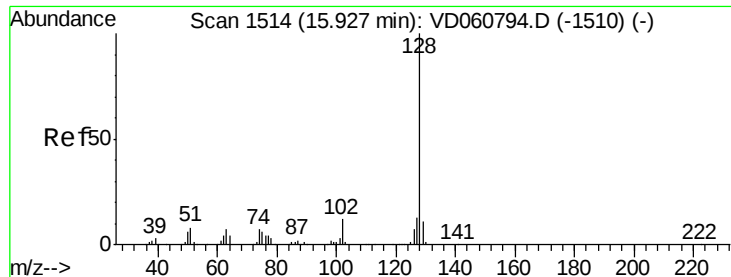
#94
 Hexachlorobutadiene
 Concen: 9.504 ug/l
 RT: 15.84 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: VD060792.D
 Acq: 28 Jan 2019 15:42

Tgt Ion:225 Resp: 64577
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.8 95.4
 227 60.0 31.9 95.5



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

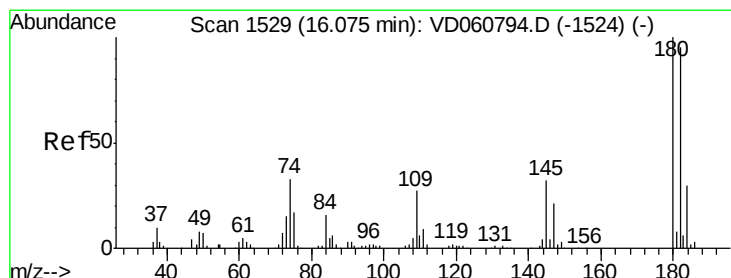
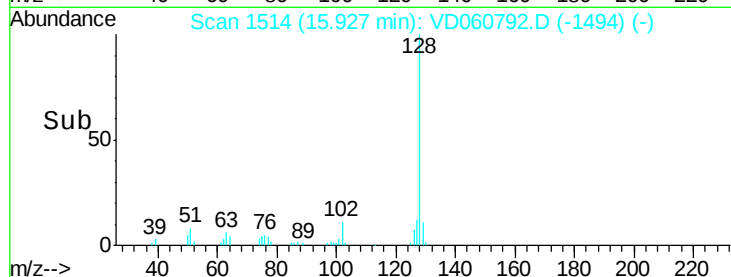
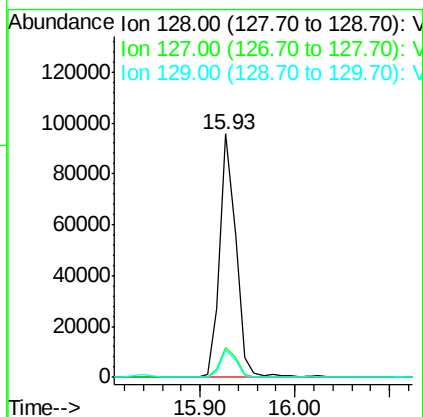
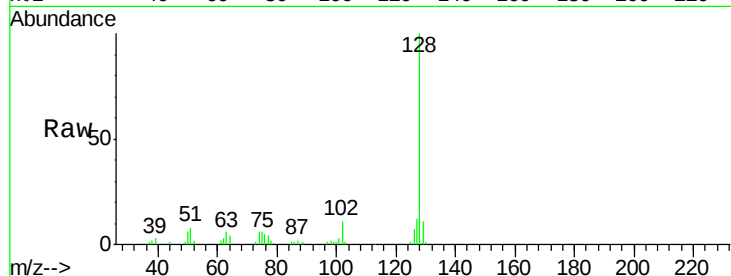




#95
Naphthalene
Concen: 8.215 ug/l
RT: 15.93 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 114299
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.887 ug/l
RT: 16.07 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VD060792.D
Acq: 28 Jan 2019 15:42

Tgt Ion:180 Resp: 77855
Ion Ratio Lower Upper
180 100
182 88.2 47.4 142.3
145 31.8 15.8 47.4

