

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061654.D
 Acq On : 8 Apr 2019 16:45
 Operator : VA/AP
 Sample : VD0408SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:20:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	645853	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1108134	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	892272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	399675	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	262348	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
35) Dibromofluoromethane	6.94	113	383796	49.99	ug/l	0.02
Spiked Amount			Recovery	=	99.98%	
50) Toluene-d8	10.42	98	838914	43.50	ug/l	0.02
Spiked Amount			Recovery	=	87.00%	
62) 4-Bromofluorobenzene	13.56	95	336903	49.61	ug/l	0.01
Spiked Amount			Recovery	=	99.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	124006	17.797	ug/l	98
3) Chloromethane	1.75	50	102520	18.208	ug/l	92
4) Vinyl Chloride	1.85	62	96140	18.273	ug/l	97
5) Bromomethane	2.14	94	17789	14.608	ug/l	96
6) Chloroethane	2.25	64	23179	14.066	ug/l	93
7) Trichlorofluoromethane	2.53	101	128774	16.210	ug/l	94
8) Diethyl Ether	2.87	74	45608	20.457	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.15	101	148136	18.967	ug/l	94
10) Methyl Iodide	3.31	142	177305	17.765	ug/l	99
11) Tert butyl alcohol	4.09	59	38005	115.836	ug/l #	90
12) 1,1-Dichloroethene	3.13	96	125917	18.702	ug/l	91
13) Acrolein	3.04	56	38339	95.844	ug/l	91
14) Allyl chloride	3.62	41	171287	18.652	ug/l	97
15) Acrylonitrile	4.20	53	120021	106.269	ug/l	97
16) Acetone	3.23	43	134964	92.224	ug/l	99
17) Carbon Disulfide	3.38	76	403696	18.453	ug/l	99
18) Methyl Acetate	3.64	43	57874	21.019	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	251828	21.601	ug/l	98
20) Methylene Chloride	3.82	84	156541	18.851	ug/l	94
21) trans-1,2-Dichloroethene	4.22	96	144845	19.807	ug/l	97
22) Diisopropyl ether	5.14	45	382722	19.878	ug/l	96
23) Vinyl Acetate	5.07	43	1051624	98.989	ug/l	99
24) 1,1-Dichloroethane	4.99	63	215023	18.225	ug/l	99
25) 2-Butanone	6.08	43	167304	99.167	ug/l	100
26) 2,2-Dichloropropane	6.03	77	177124	18.437	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	146845	18.823	ug/l	96
28) Bromochloromethane	6.46	49	82677	18.996	ug/l	100
29) Tetrahydrofuran	6.47	42	87602	107.564	ug/l	97
30) Chloroform	6.67	83	244850	19.810	ug/l	96
31) Cyclohexane	6.97	56	151899	16.480	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	219081	20.227	ug/l	99
36) 1,1-Dichloropropene	7.16	75	175992	18.147	ug/l	100
37) Ethyl Acetate	6.19	43	72709	18.406	ug/l	97
38) Carbon Tetrachloride	7.13	117	214401	18.863	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	183368	18.416	ug/l	98
40) Benzene	7.47	78	464919	19.871	ug/l	99
41) Methacrylonitrile	6.45	41	96433	20.912	ug/l #	87
42) 1,2-Dichloroethane	7.59	62	140430	19.085	ug/l	97
43) Isopropyl Acetate	9.25	43	115193	20.093	ug/l #	95
44) Trichloroethene	8.55	130	162694	18.138	ug/l	97
45) 1,2-Dichloropropane	8.95	63	109555	18.881	ug/l	98
46) Dibromomethane	9.08	93	80551	19.425	ug/l	95
47) Bromodichloromethane	9.39	83	174409	19.150	ug/l	96
48) Methyl methacrylate	9.12	41	65258	19.747	ug/l	91
49) 1,4-Dioxane	9.10	88	16317	447.329	ug/l #	95
51) 4-Methyl-2-Pentanone	10.32	43	364397	107.478	ug/l	99
52) Toluene	10.52	92	289118	19.789	ug/l	97
53) t-1,3-Dichloropropene	10.93	75	169999	21.294	ug/l	94
54) cis-1,3-Dichloropropene	10.05	75	194286	19.741	ug/l	93
55) 1,1,2-Trichloroethane	11.20	97	95265	19.333	ug/l	97
56) Ethyl methacrylate	11.05	69	111273	21.406	ug/l	100
57) 1,3-Dichloropropane	11.42	76	154443	21.403	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.87	63	269768	109.987	ug/l	98
59) 2-Hexanone	11.55	43	263079	99.983	ug/l	98
60) Dibromochloromethane	11.69	129	155757	20.007	ug/l	96
61) 1,2-Dibromoethane	11.81	107	115461	20.036	ug/l	98
64) Tetrachloroethene	11.27	164	130720	18.873	ug/l	99
65) Chlorobenzene	12.41	112	352098	19.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	144030	21.153	ug/l	97
67) Ethyl Benzene	12.53	91	563110	20.898	ug/l	98
68) m/p-Xylenes	12.68	106	422210	40.644	ug/l	98
69) o-Xylene	13.05	106	184292	18.378	ug/l	90
70) Styrene	13.08	104	334761	19.548	ug/l	97
71) Bromoform	13.24	173	86177	20.398	ug/l	100
73) Isopropylbenzene	13.41	105	499152	18.743	ug/l	99
74) N-amyl acetate	13.27	43	147406	20.372	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.71	83	112100	20.358	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	114110	20.985	ug/l	97
77) Bromobenzene	13.68	156	163627	21.168	ug/l	78
78) n-propylbenzene	13.78	91	611082	19.183	ug/l	99
79) 2-Chlorotoluene	13.85	91	354470	19.458	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	444060	21.009	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	34549	20.938	ug/l	93
82) 4-Chlorotoluene	13.96	91	396123	19.844	ug/l	98
83) tert-Butylbenzene	14.19	119	514190	20.176	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	483777	22.678	ug/l	100
85) sec-Butylbenzene	14.37	105	551422	20.026	ug/l	100
86) p-Isopropyltoluene	14.50	119	524627	21.963	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	286756	21.555	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	275176	20.500	ug/l	99
89) n-Butylbenzene	14.80	91	421510	20.302	ug/l	98
90) Hexachloroethane	15.01	117	138303	21.339	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	230702	21.041	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	14806	22.282	ug/l	92

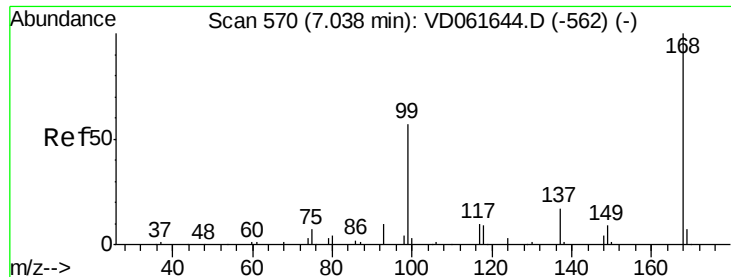
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	152861	27.365	ug/l	99
94) Hexachlorobutadiene	16.05	225	96913	22.469	ug/l	99
95) Naphthalene	16.13	128	219051	24.783	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	94565	33.920	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

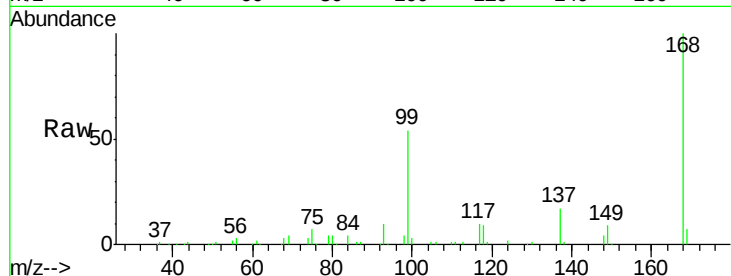
ClientSampleId :

Tot Ion:168 Resp: 645853

Ion Ratio Lower Upper

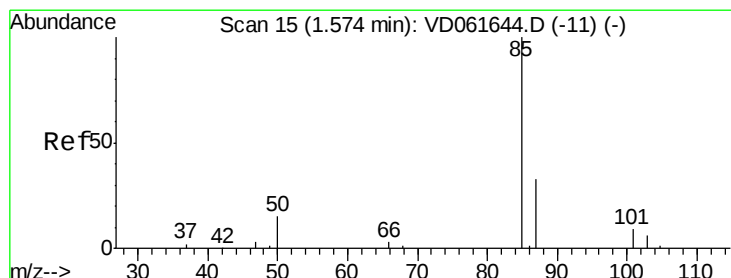
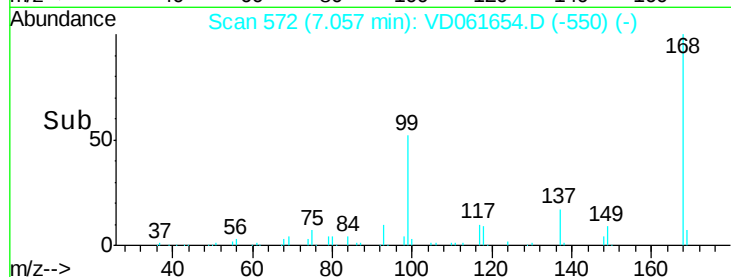
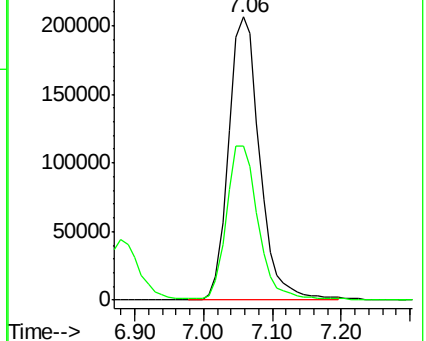
168 100

99 54.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 17.797 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.00 min

Lab File: VD061654.D

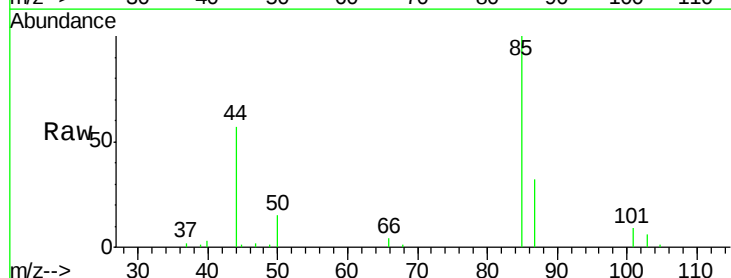
Acq: 8 Apr 2019 16:45

Tgt Ion: 85 Resp: 124006

Ion Ratio Lower Upper

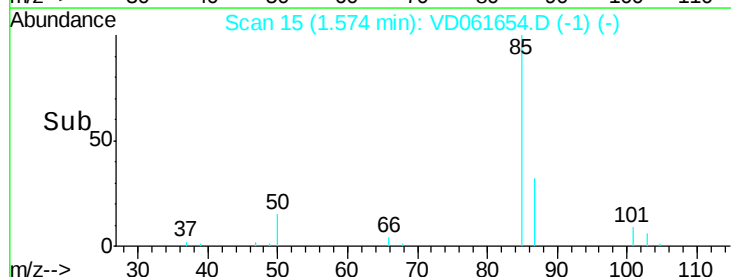
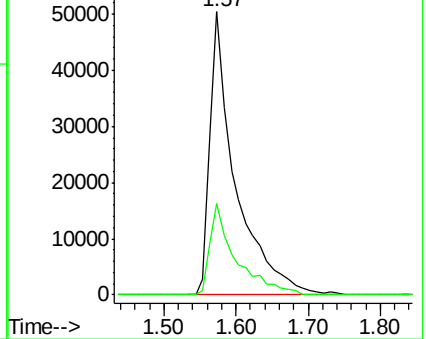
85 100

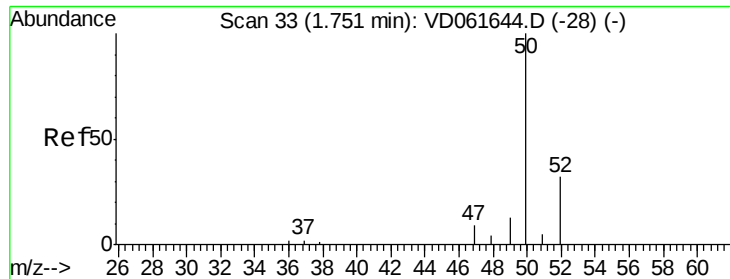
87 32.3 16.6 49.8



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.208 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.00 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

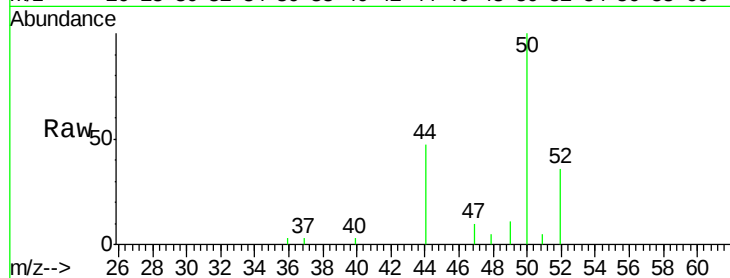
ClientSampleId :

Tot Ion: 50 Resp: 102520

Ion Ratio Lower Upper

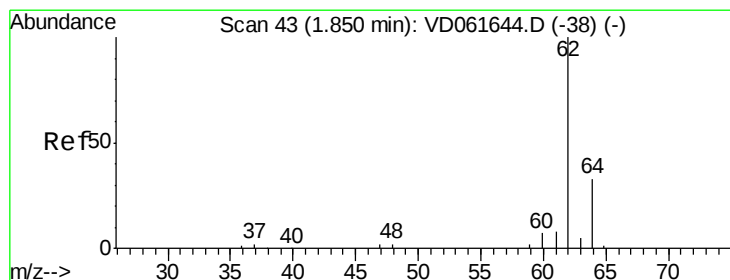
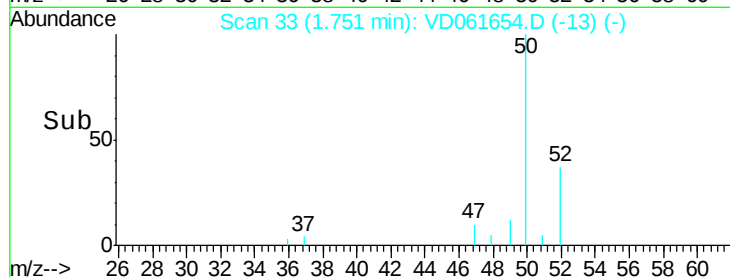
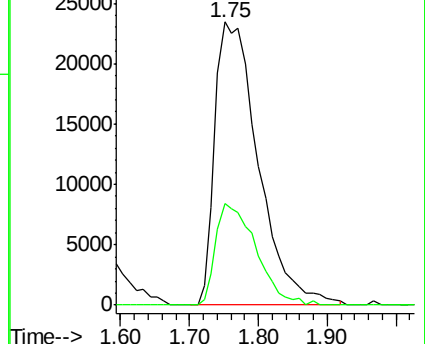
50 100

52 35.8 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.273 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.00 min

Lab File: VD061654.D

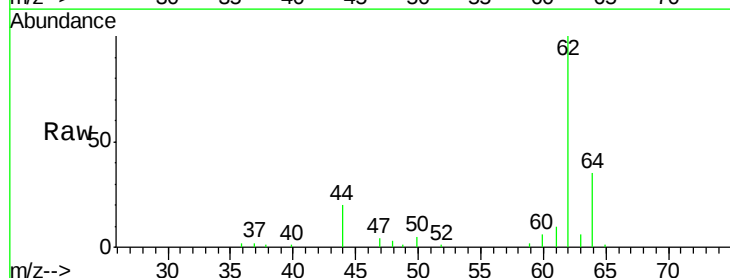
Acq: 8 Apr 2019 16:45

Tgt Ion: 62 Resp: 96140

Ion Ratio Lower Upper

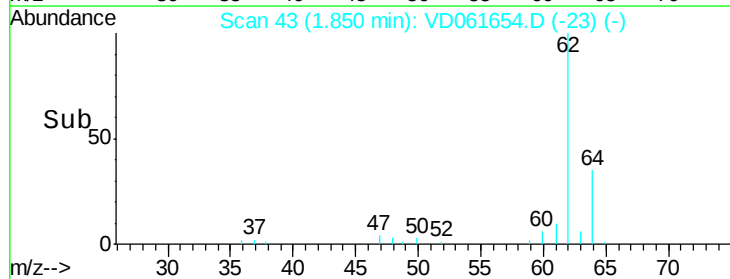
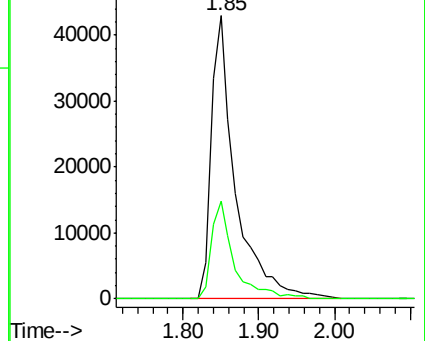
62 100

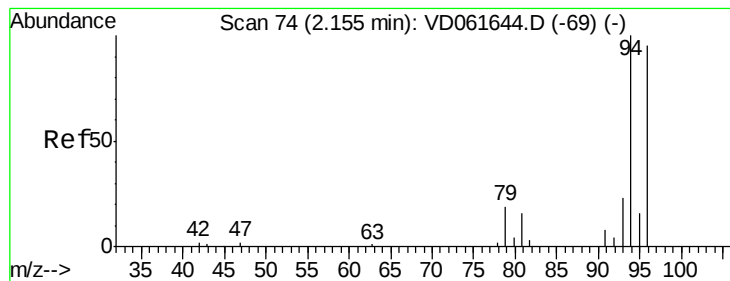
64 34.5 26.2 39.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 14.608 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

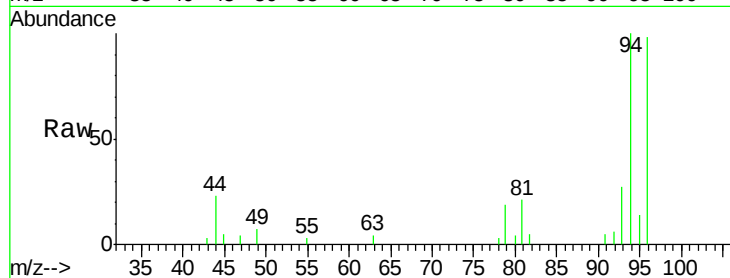
Tot Ion: 94 Resp: 17789

Ion Ratio Lower Upper

94 100

96 98.4 75.8 113.8

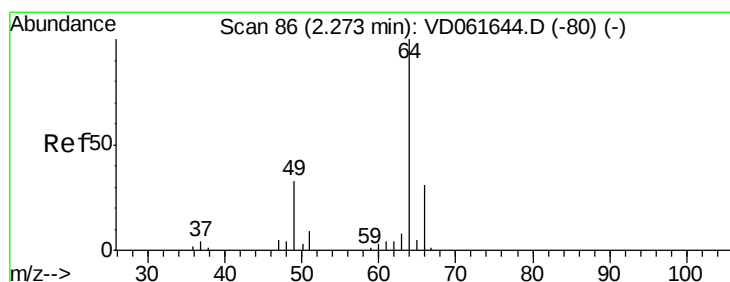
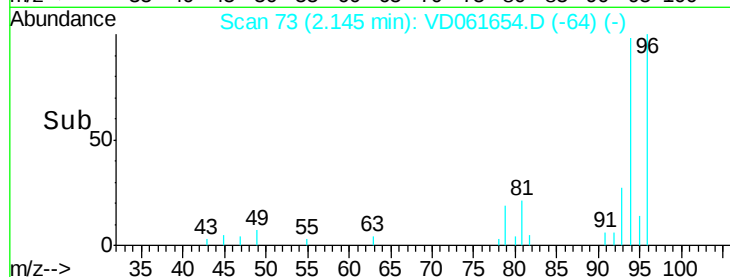
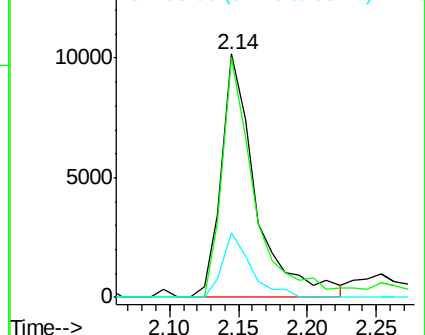
93 26.6 18.6 28.0



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 14.066 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.02 min

Lab File: VD061654.D

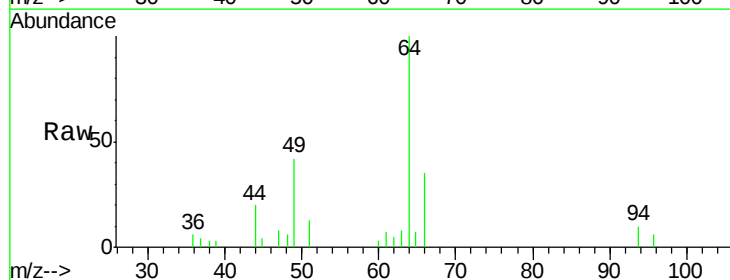
Acq: 8 Apr 2019 16:45

Tgt Ion: 64 Resp: 23179

Ion Ratio Lower Upper

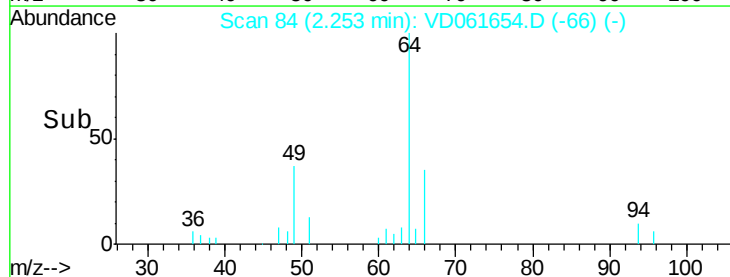
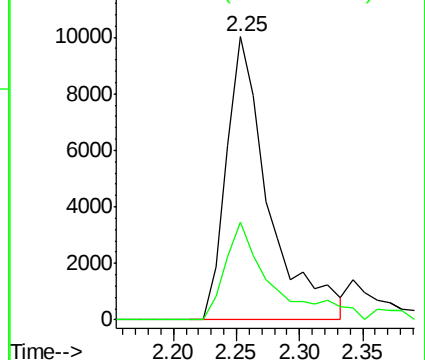
64 100

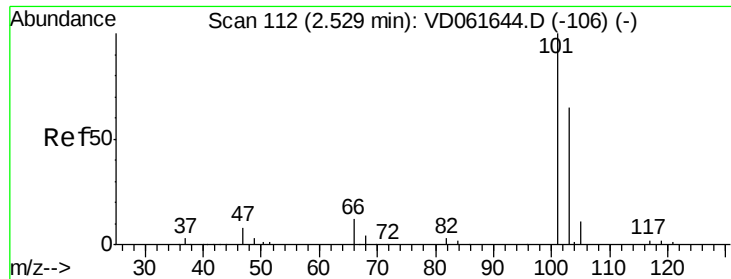
66 34.7 24.9 37.3



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



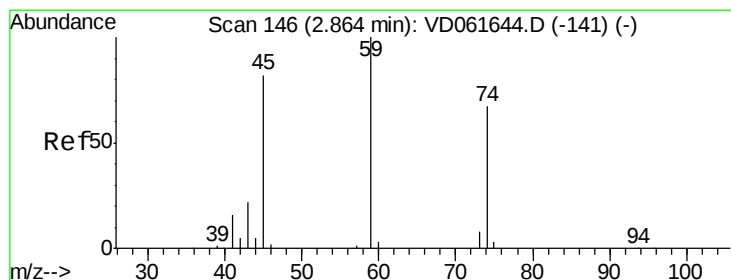
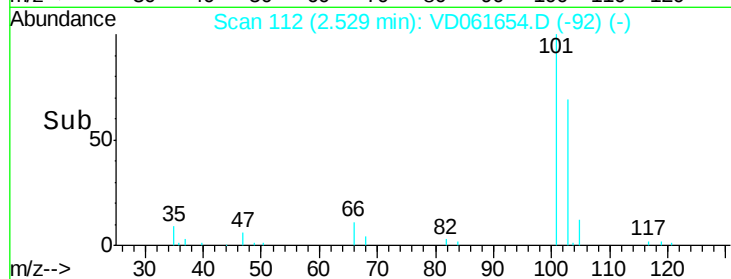
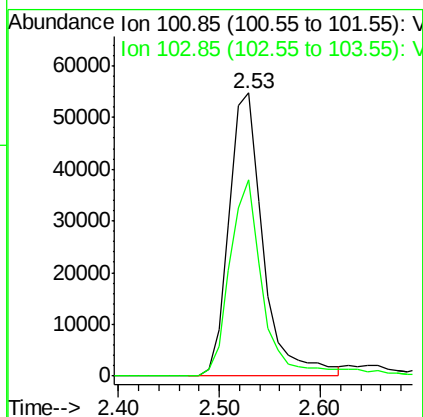
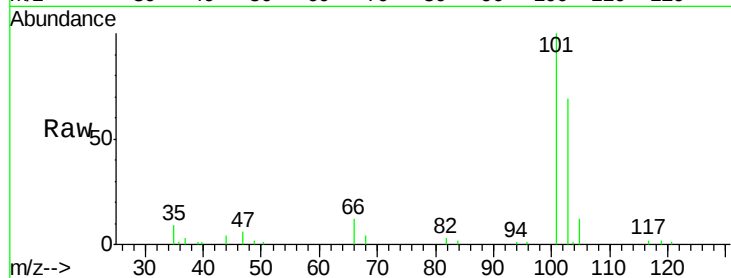


#7

Trichlorofluoromethane
 Concen: 16.210 ug/l
 RT: 2.53 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Instrument :
 MSVOA_D
 ClientSampleId :

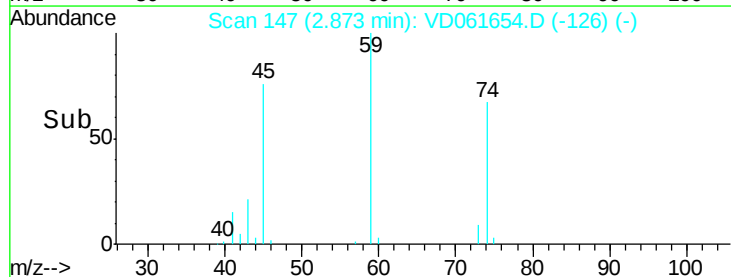
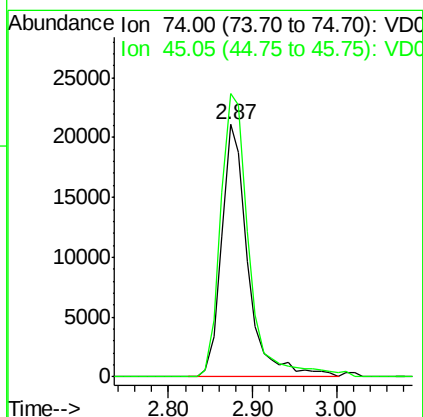
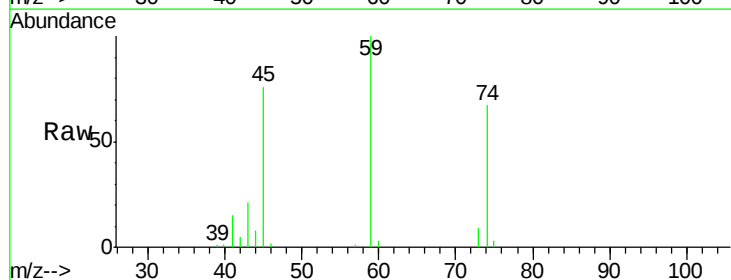
Tot Ion:101 Resp: 128774
 Ion Ratio Lower Upper
 101 100
 103 69.4 52.0 78.0

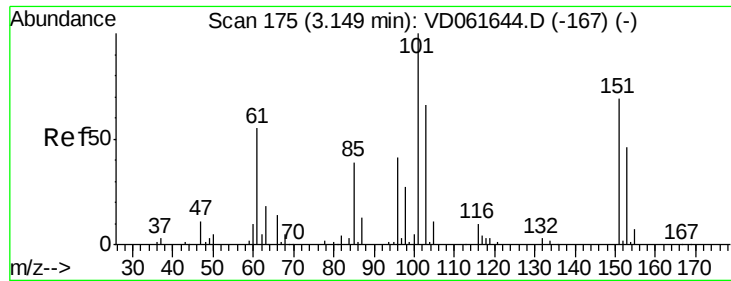


#8

Diethyl Ether
 Concen: 20.457 ug/l
 RT: 2.87 min Scan# 147
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion: 74 Resp: 45608
 Ion Ratio Lower Upper
 74 100
 45 112.1 61.0 183.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.967 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

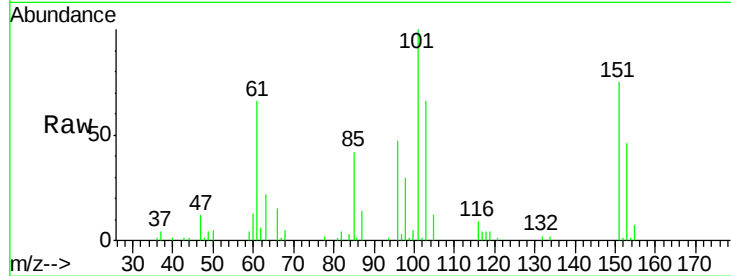
Tot Ion:101 Resp: 148136

Ion Ratio Lower Upper

101 100

85 41.8 31.0 46.6

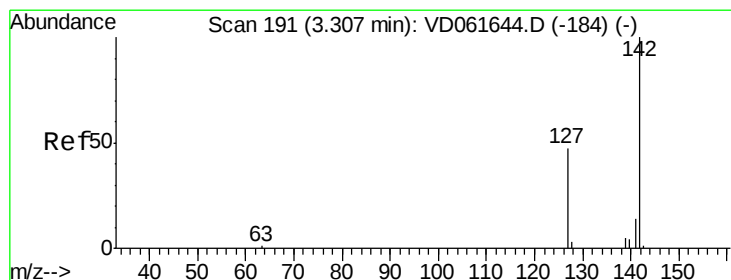
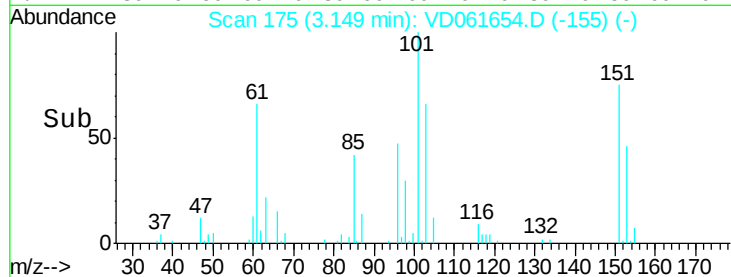
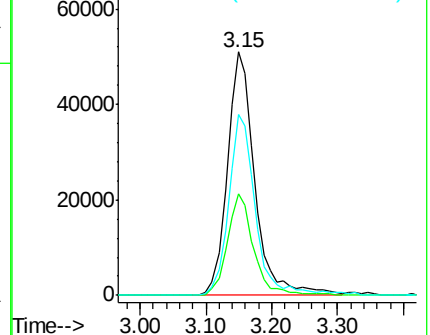
151 74.6 55.3 82.9



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: 17.765 ug/l

RT: 3.31 min Scan# 191

Delta R.T. 0.00 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

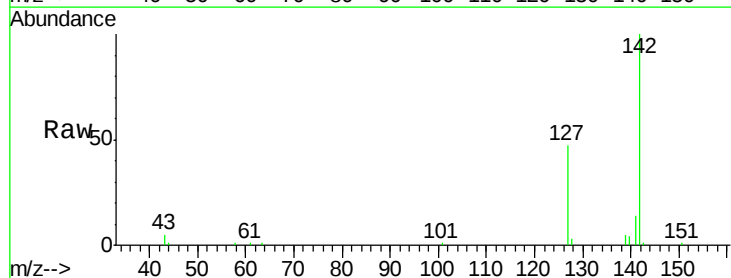
Tgt Ion:142 Resp: 177305

Ion Ratio Lower Upper

142 100

127 47.1 37.2 55.8

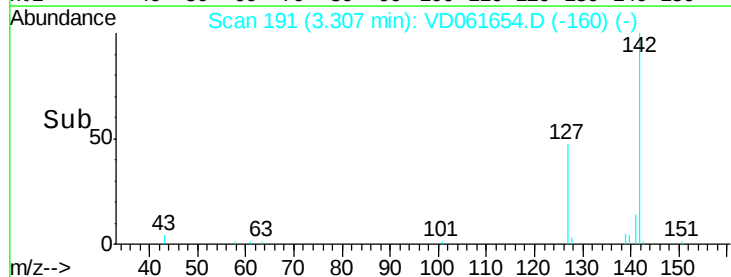
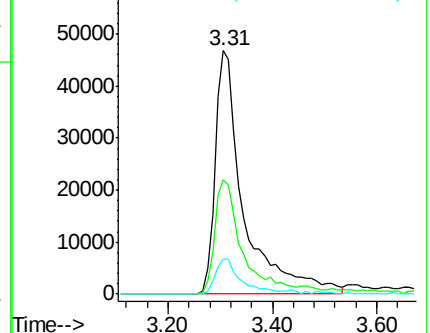
141 14.3 10.8 16.2

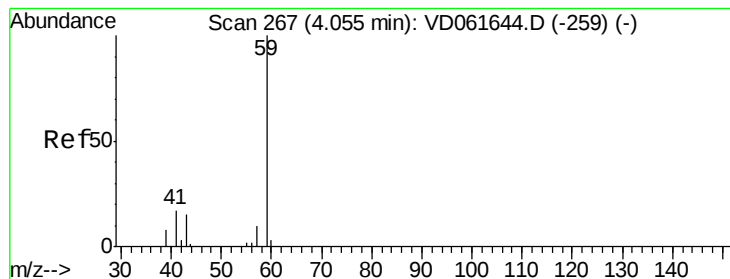


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



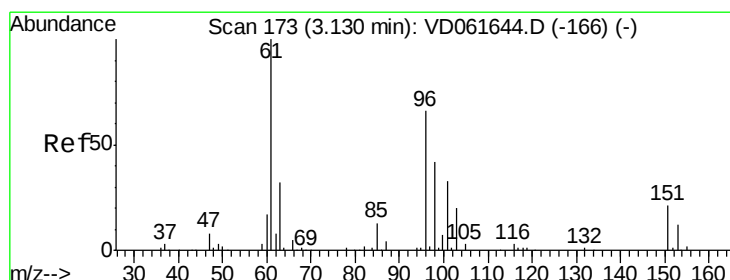
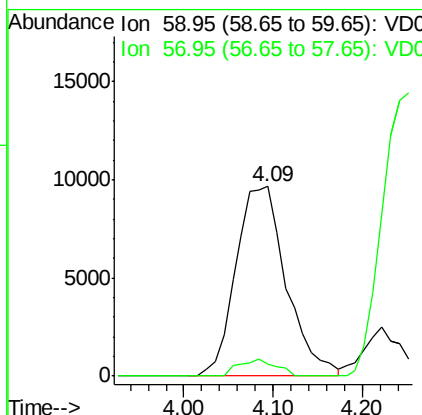
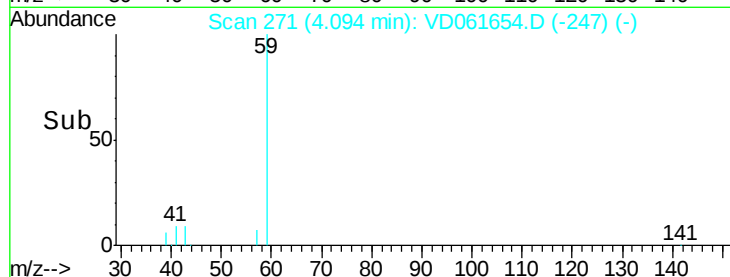
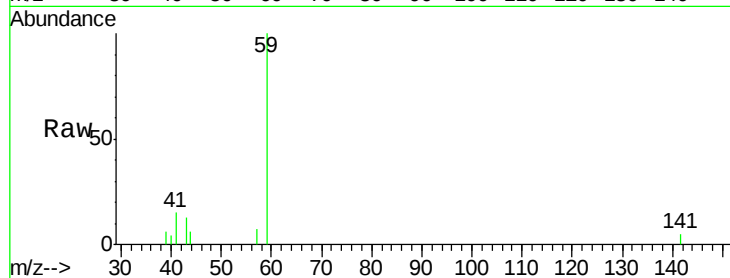


#11

Tert butyl alcohol
Concen: 115.836 ug/l
RT: 4.09 min Scan# 271
Delta R.T. 0.04 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

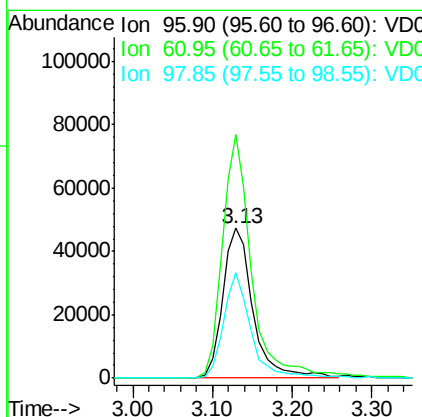
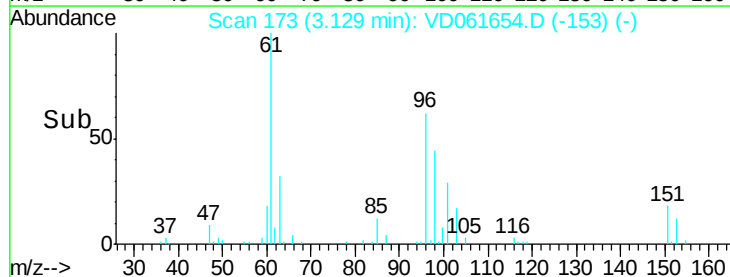
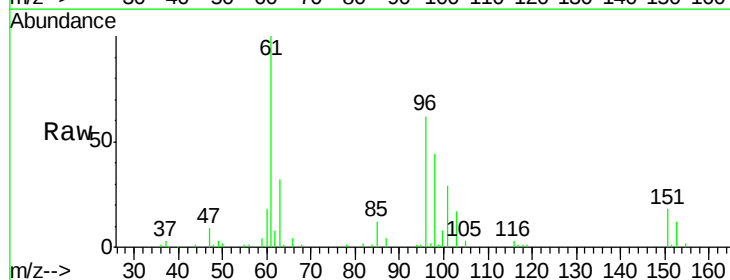
Tot Ion: 59 Resp: 38005
Ion Ratio Lower Upper
59 100
57 6.6 8.4 12.6#

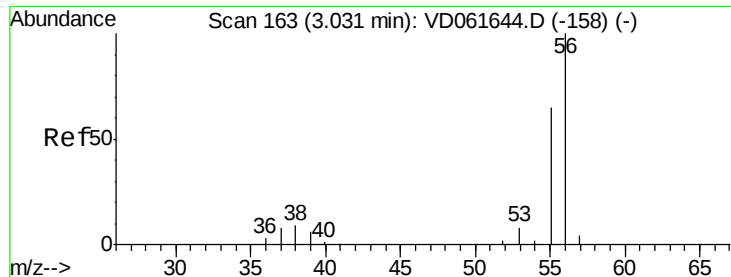


#12

1,1-Dichloroethene
Concen: 18.702 ug/l
RT: 3.13 min Scan# 173
Delta R.T. -0.00 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 96 Resp: 125917
Ion Ratio Lower Upper
96 100
61 162.4 121.3 181.9
98 70.7 50.6 76.0





#13

Acrolein

Concen: 95.844 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

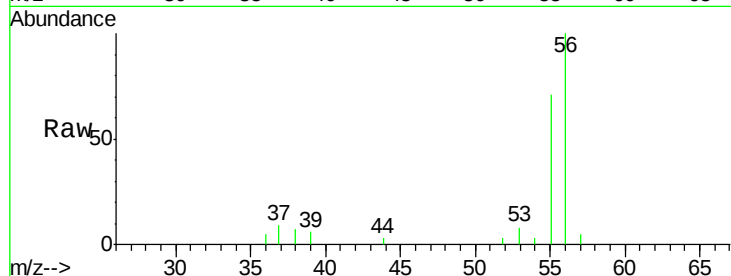
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 38339

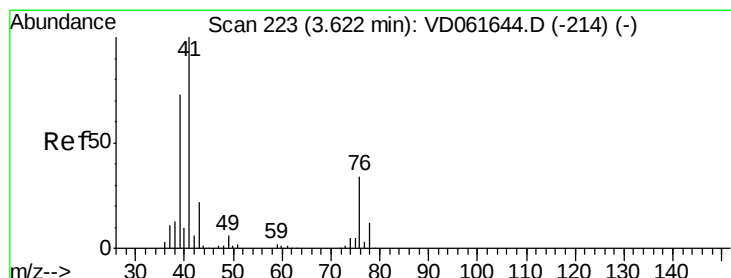
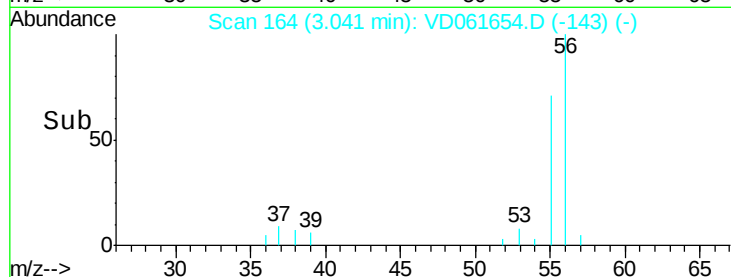
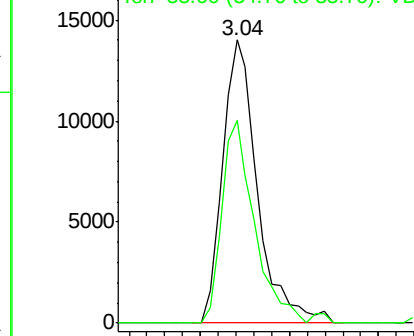
Ion Ratio Lower Upper

56 100

55 71.4 51.8 77.6



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.652 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

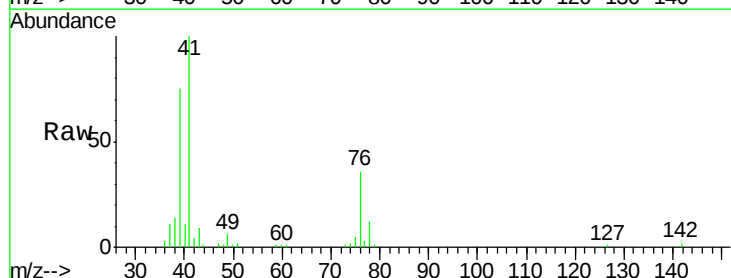
Tgt Ion: 41 Resp: 171287

Ion Ratio Lower Upper

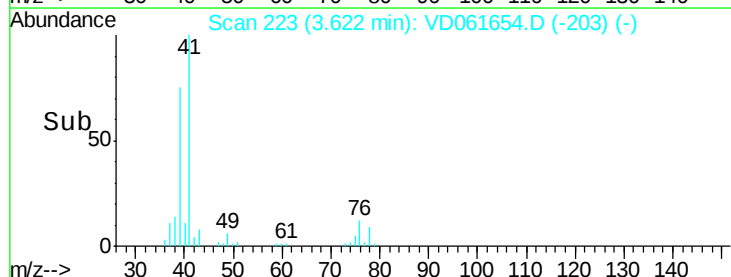
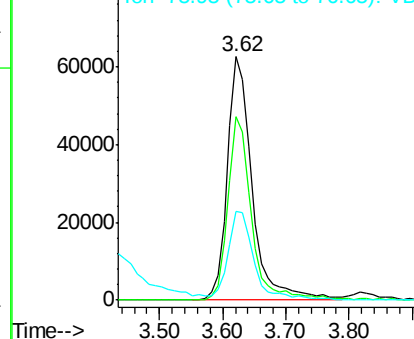
41 100

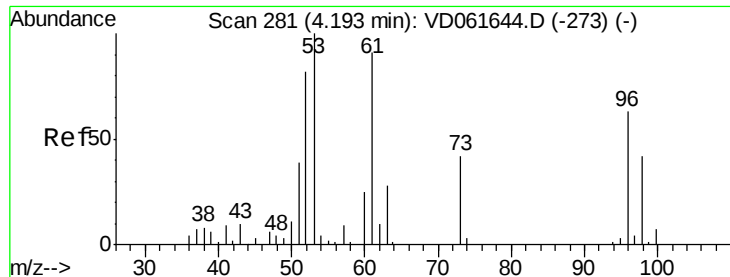
39 75.5 58.2 87.4

76 36.4 29.8 44.6



Abundance Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 106.269 ug/l

RT: 4.20 min Scan# 282

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

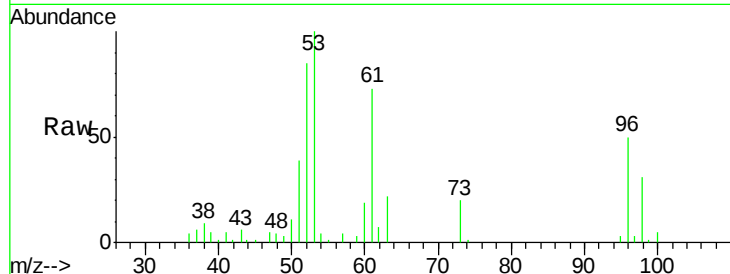
Tot Ion: 53 Resp: 120021

Ion Ratio Lower Upper

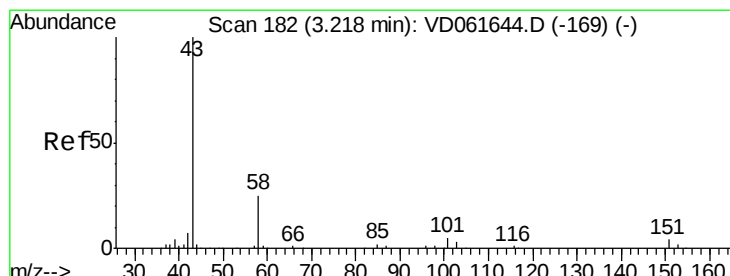
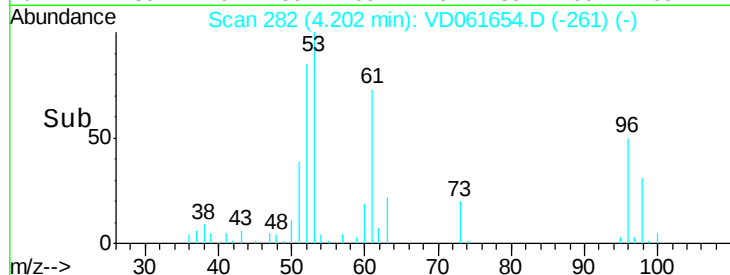
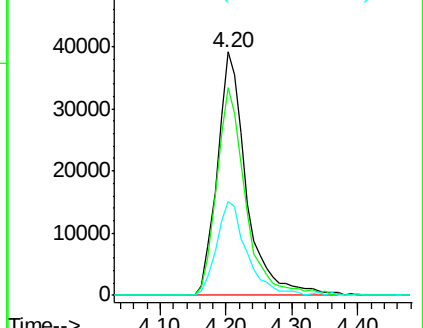
53 100

52 85.4 65.9 98.9

51 38.8 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 92.224 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061654.D

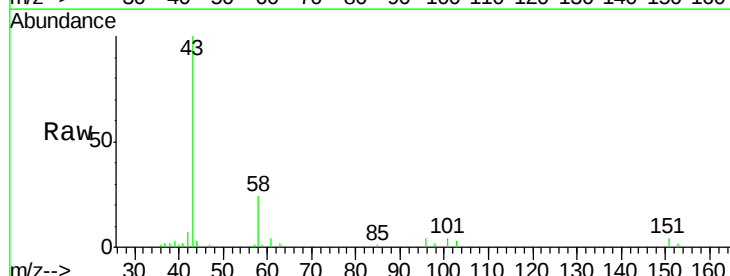
Acq: 8 Apr 2019 16:45

Tgt Ion: 43 Resp: 134964

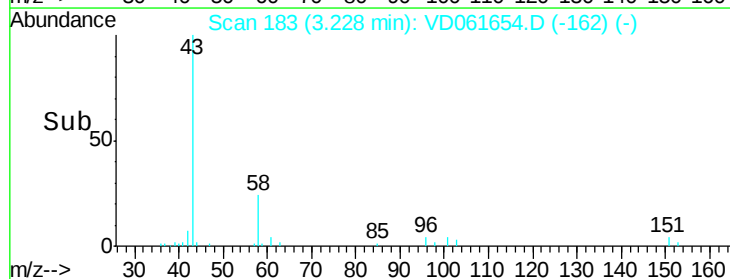
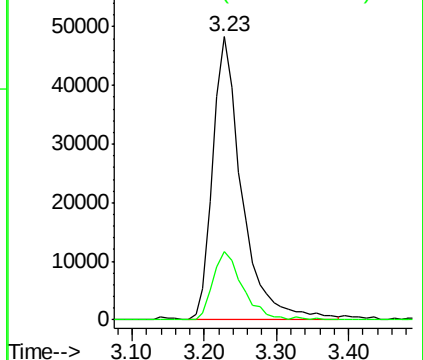
Ion Ratio Lower Upper

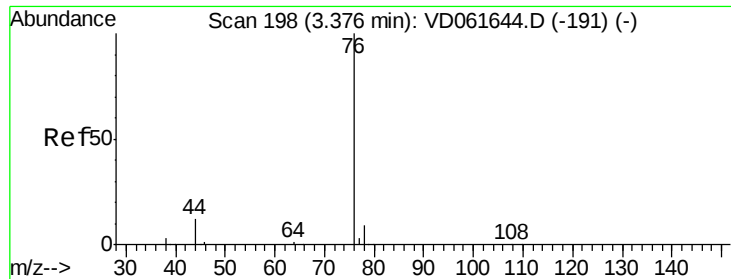
43 100

58 24.0 19.7 29.5



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

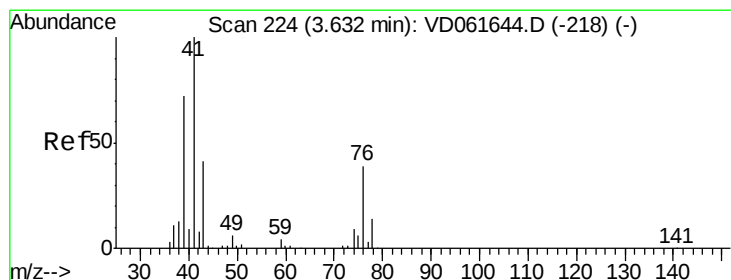
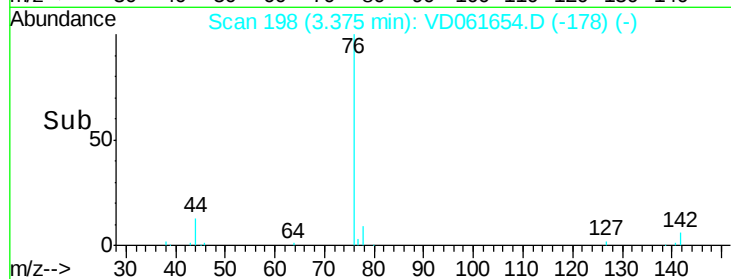
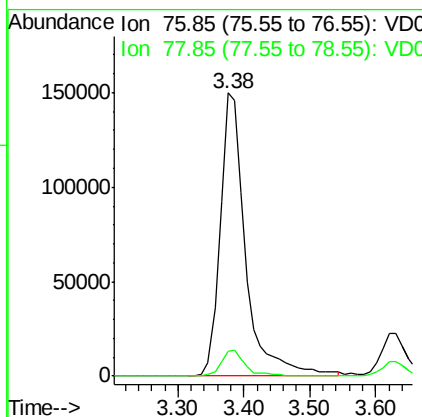
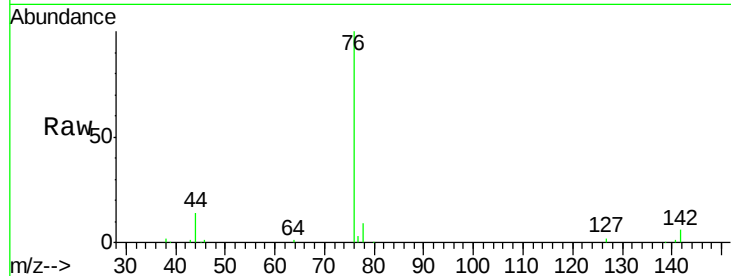




#17
Carbon Disulfide
Concen: 18.453 ug/l
RT: 3.38 min Scan# 198
Delta R.T. -0.00 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

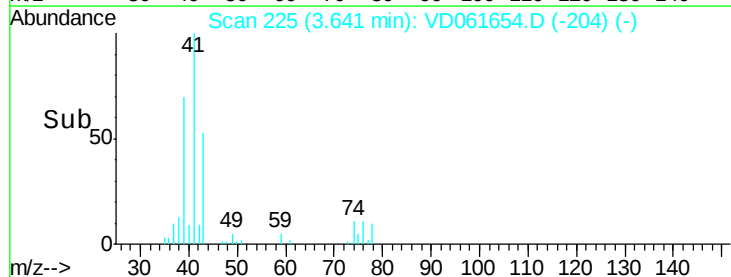
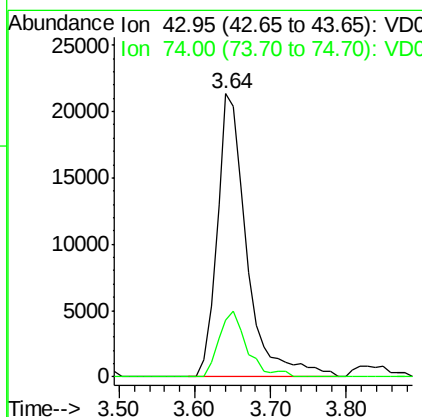
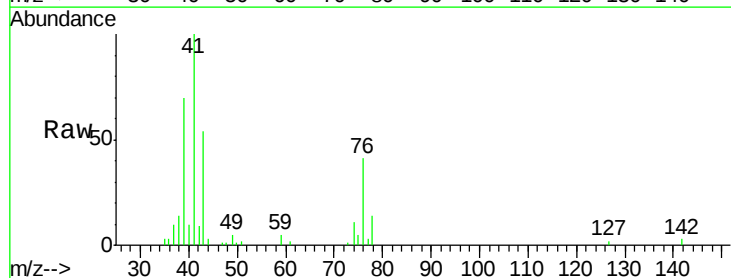
Instrument :
MSVOA_D
ClientSampleId :

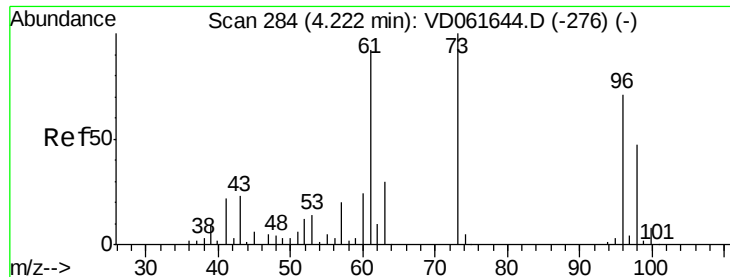
Tot Ion: 76 Resp: 403696
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 21.019 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 43 Resp: 57874
Ion Ratio Lower Upper
43 100
74 20.1 18.2 27.2

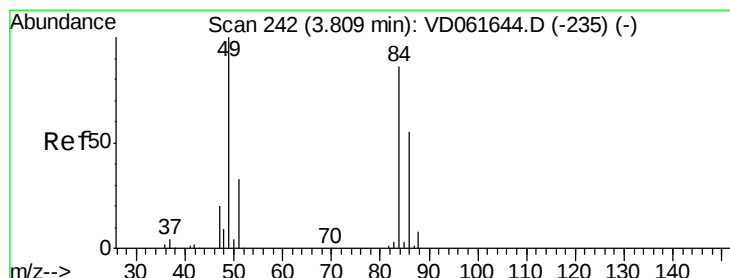
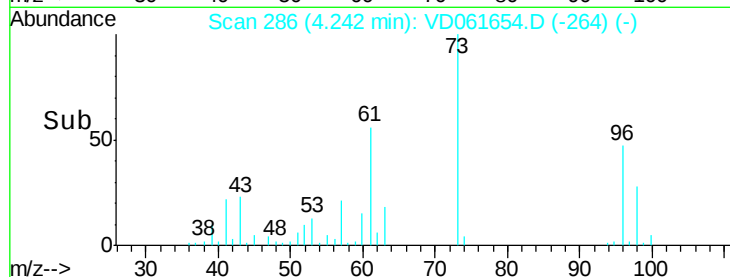
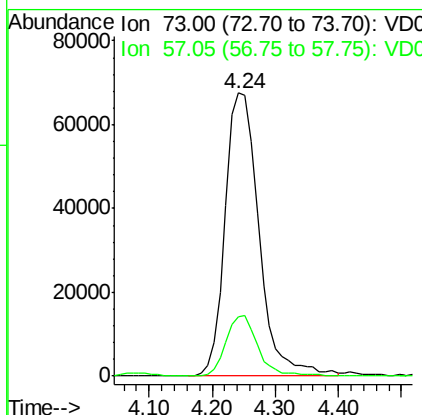
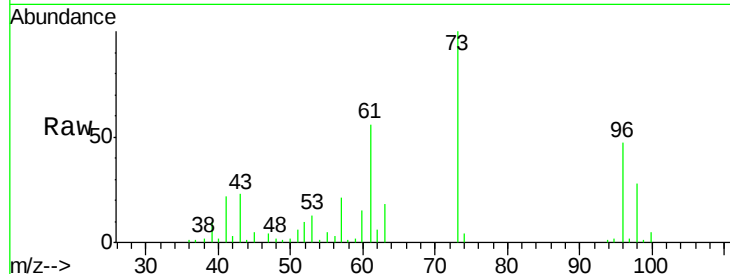




#19
Methyl tert-butyl Ether
Concen: 21.601 ug/l
RT: 4.24 min Scan# 286
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

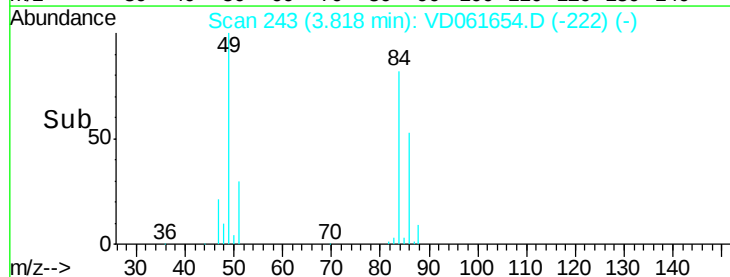
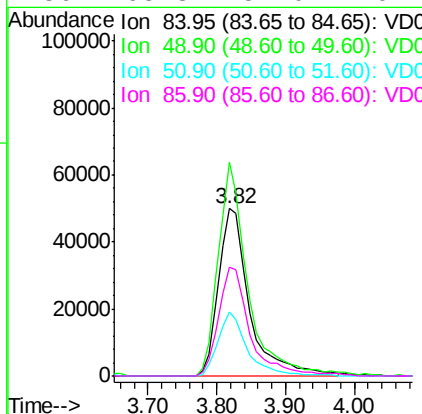
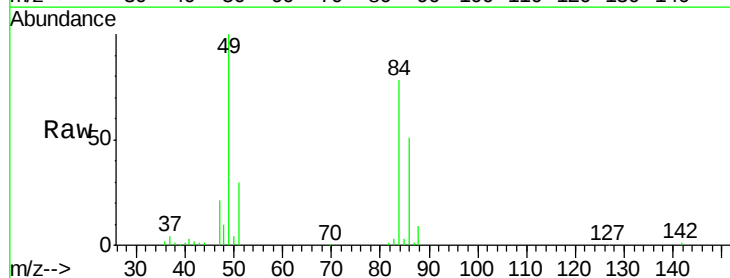
Instrument :
MSVOA_D
ClientSampleId :

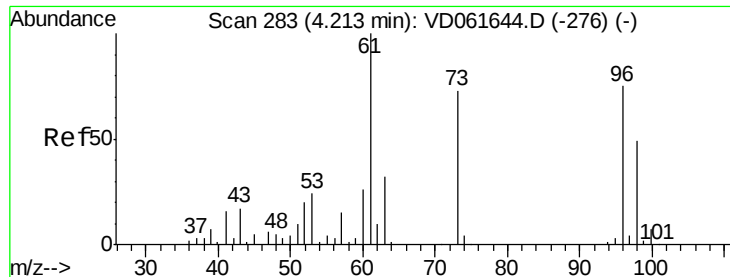
Tot Ion: 73 Resp: 251828
Ion Ratio Lower Upper
73 100
57 20.8 16.0 24.0



#20
Methylene Chloride
Concen: 18.851 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 84 Resp: 156541
Ion Ratio Lower Upper
84 100
49 127.5 93.0 139.4
51 38.5 30.4 45.6
86 65.3 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 19.807 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

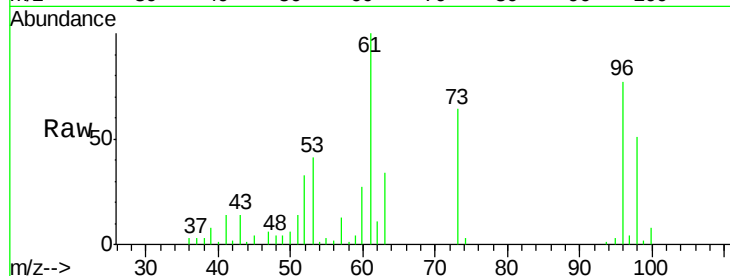
Tot Ion: 96 Resp: 144845

Ion Ratio Lower Upper

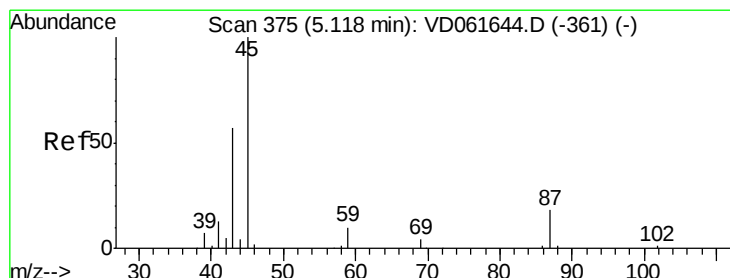
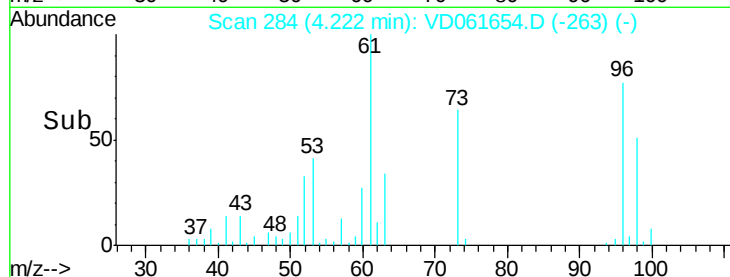
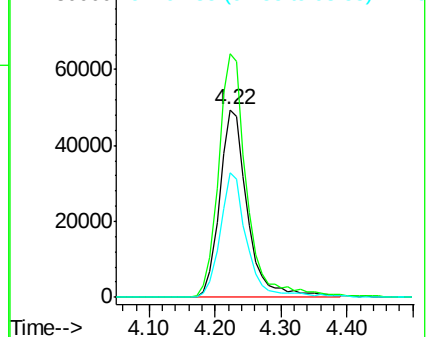
96 100

61 129.9 106.8 160.2

98 66.6 52.2 78.2



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



#22

Diisopropyl ether

Concen: 19.878 ug/l

RT: 5.14 min Scan# 377

Delta R.T. 0.02 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Tgt Ion: 45 Resp: 382722

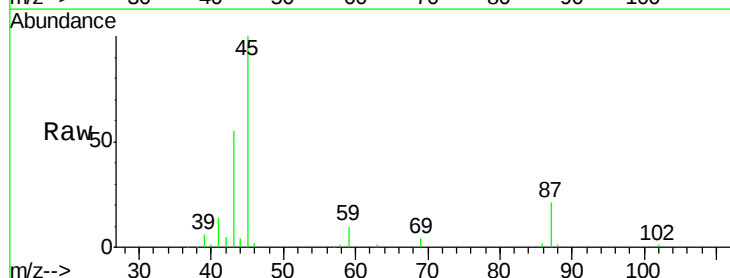
Ion Ratio Lower Upper

45 100

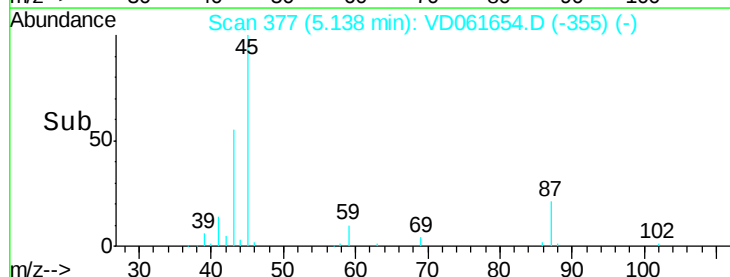
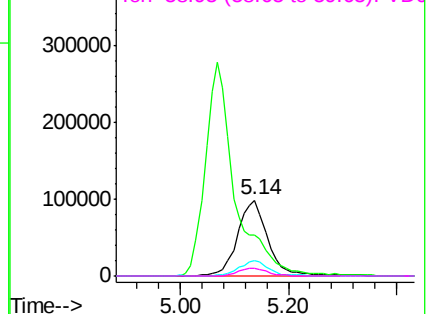
43 54.5 46.6 70.0

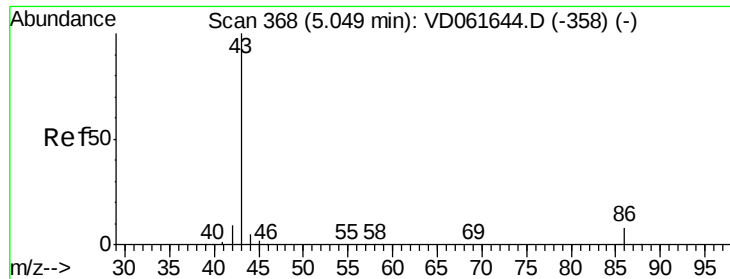
87 20.6 15.6 23.4

59 10.5 8.6 13.0



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

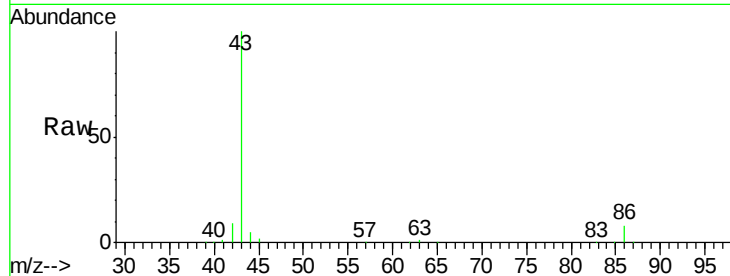




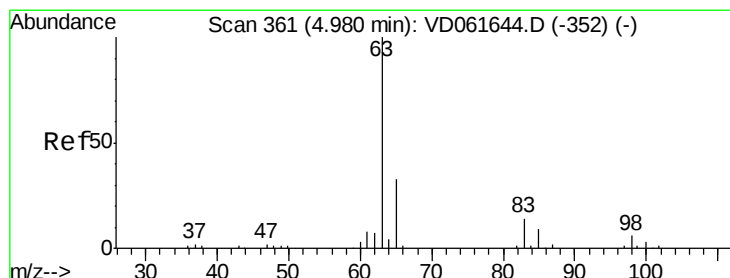
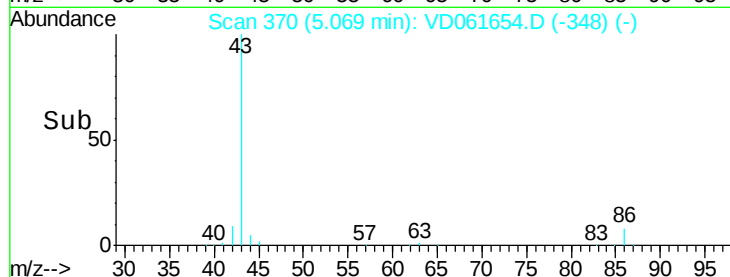
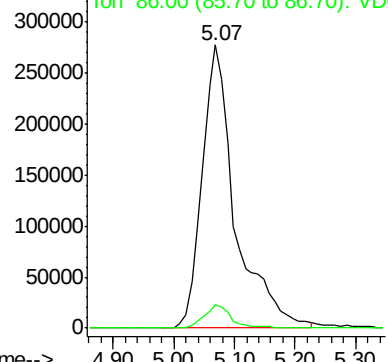
#23
 Vinyl Acetate
 Concen: 98.989 ug/l
 RT: 5.07 min Scan# 370
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 43 Resp: 1051624
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.4 9.6

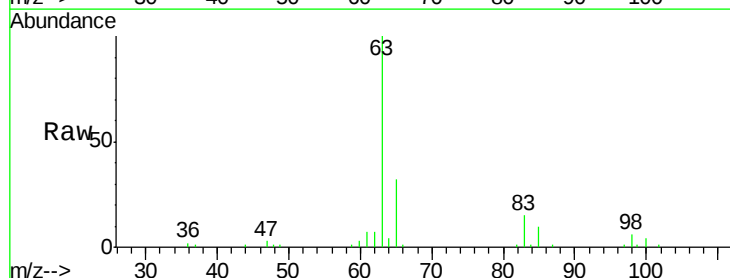


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 86.00 (85.70 to 86.70): VDC

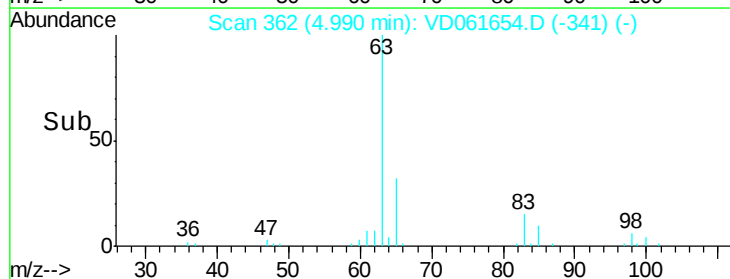
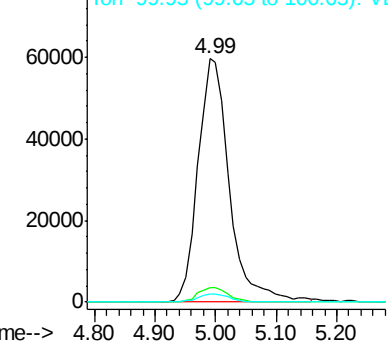


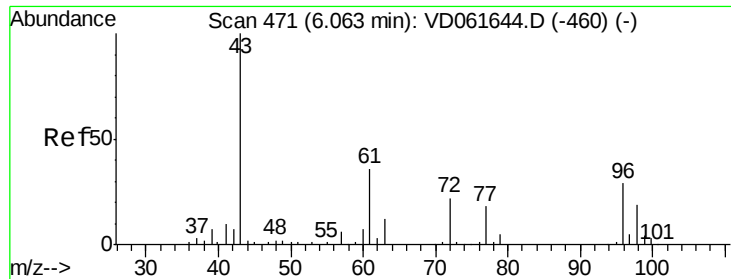
#24
 1,1-Dichloroethane
 Concen: 18.225 ug/l
 RT: 4.99 min Scan# 362
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion: 63 Resp: 215023
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 3.5 1.7 5.1



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

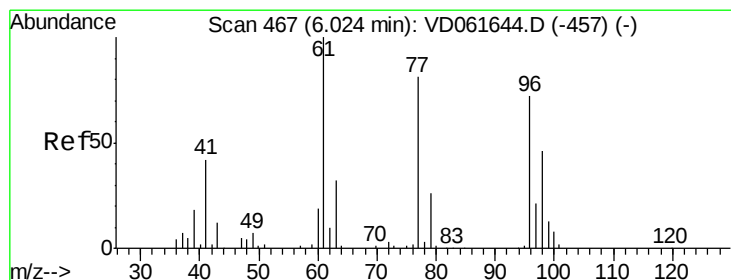
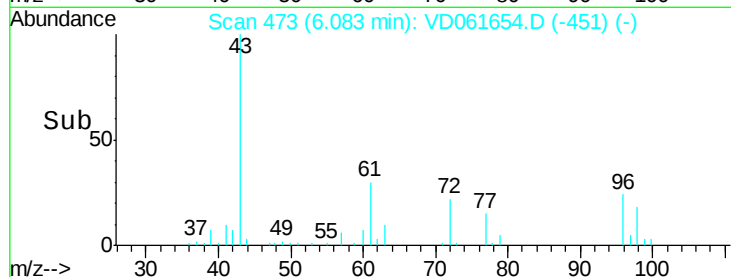
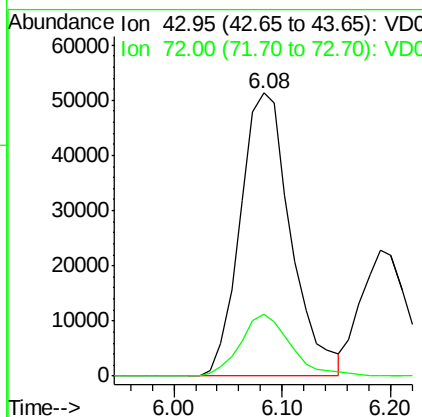
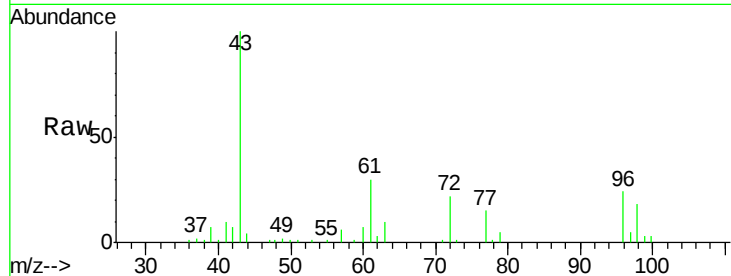




#25
2-Butanone
Concen: 99.167 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

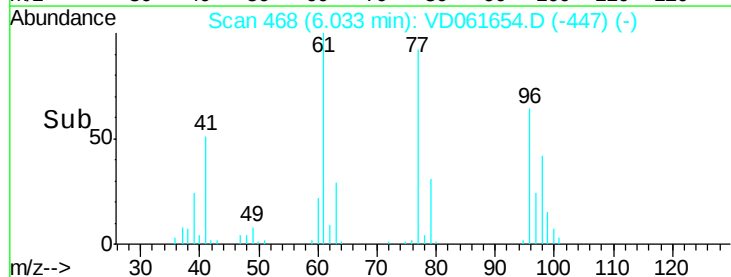
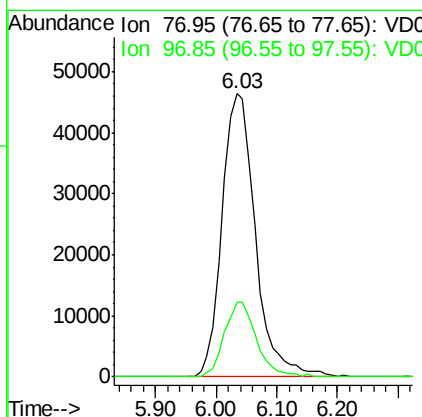
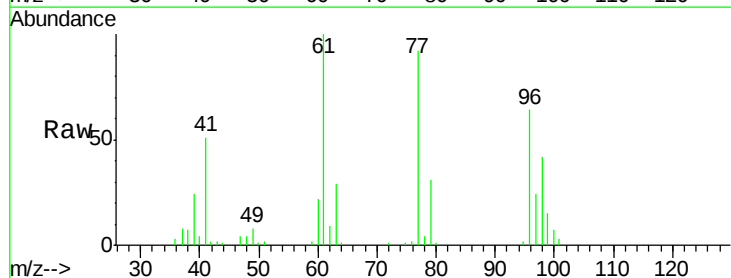
Instrument :
MSVOA_D
ClientSampleId :

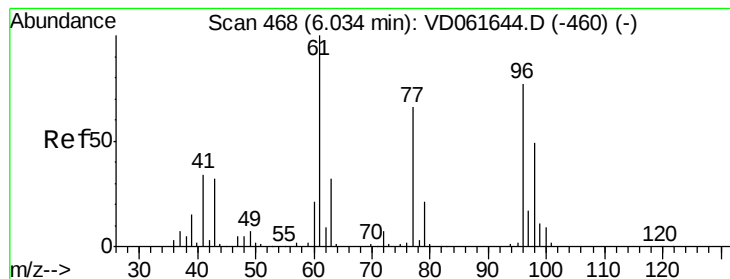
Tot Ion: 43 Resp: 167304
Ion Ratio Lower Upper
43 100
72 22.0 17.4 26.2



#26
2,2-Dichloropropane
Concen: 18.437 ug/l
RT: 6.03 min Scan# 468
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 77 Resp: 177124
Ion Ratio Lower Upper
77 100
97 26.2 12.7 38.0



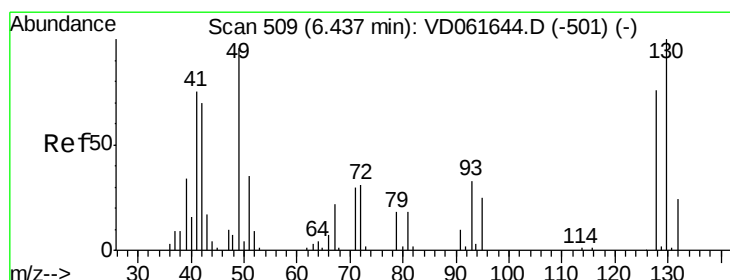
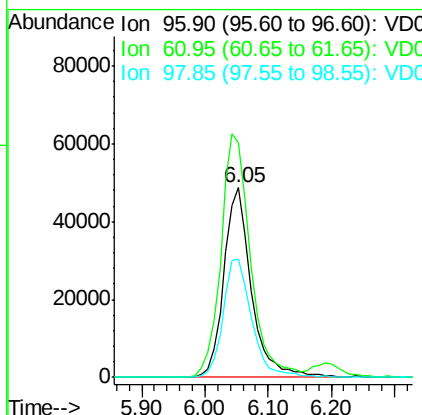
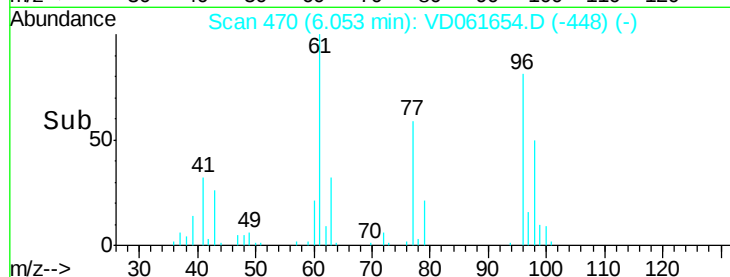
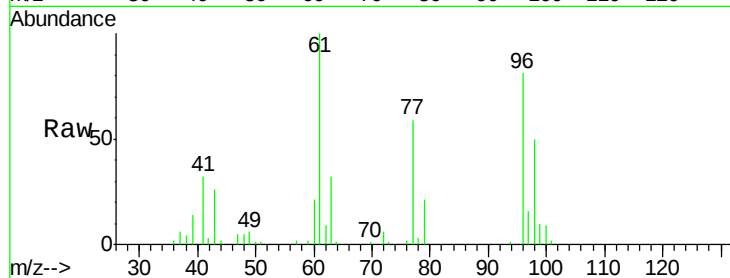


#27

cis-1,2-Dichloroethene
Concen: 18.823 ug/l
RT: 6.05 min Scan# 470
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampled :

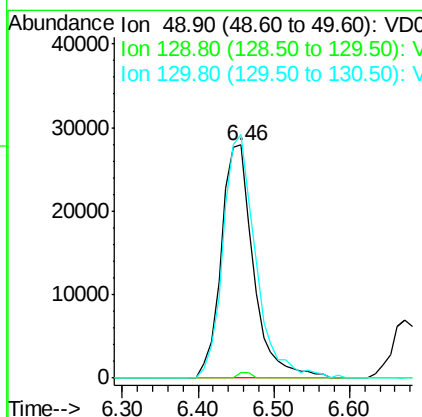
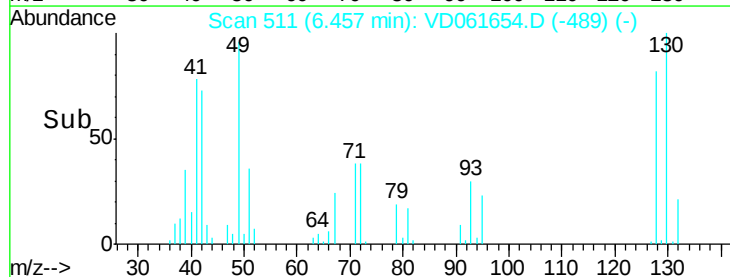
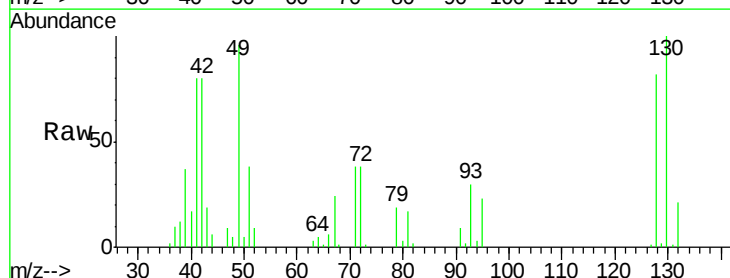
Tot Ion	96	Resp	146845
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	259.8
98	62.1	0.0	127.6

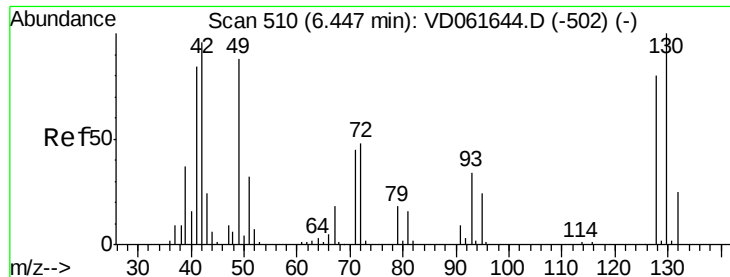


#28

Bromochloromethane
Concen: 18.996 ug/l
RT: 6.46 min Scan# 511
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion	49	Resp	82677
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.0
130	104.4	83.3	124.9

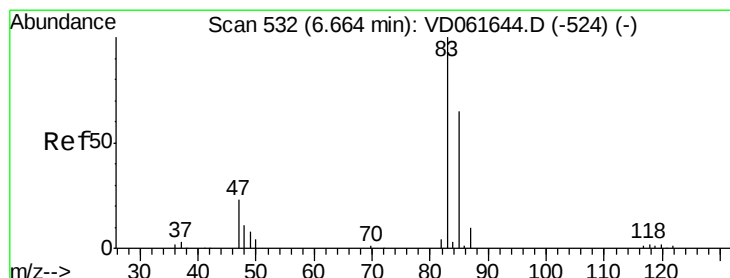
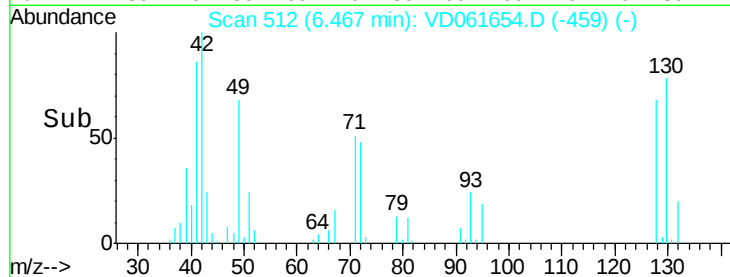
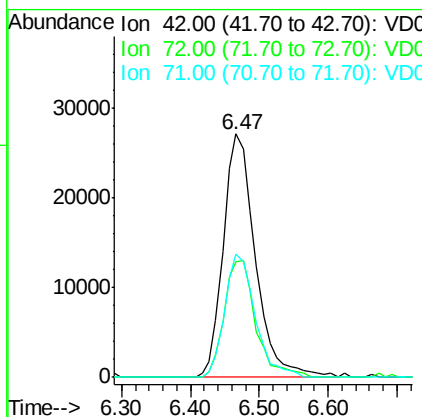
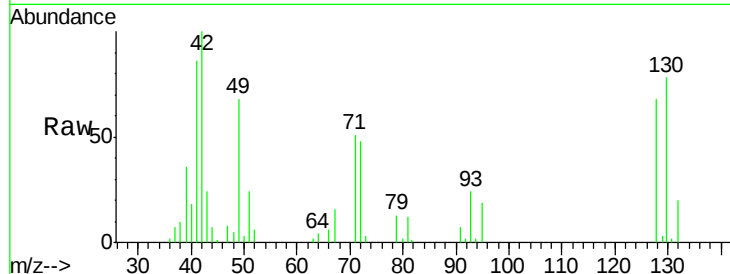




#29
Tetrahydrofuran
Concen: 107.564 ug/l
RT: 6.47 min Scan# 512
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

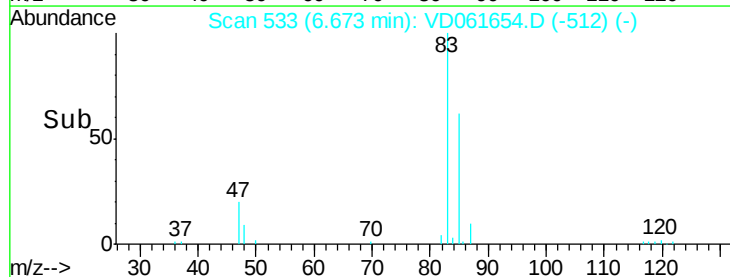
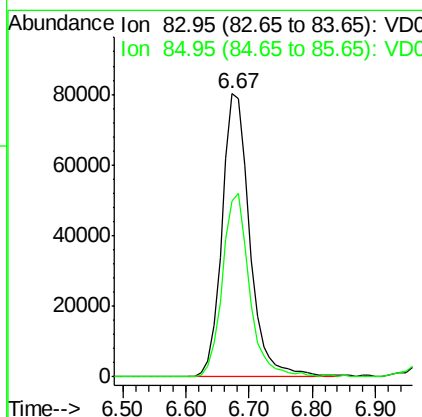
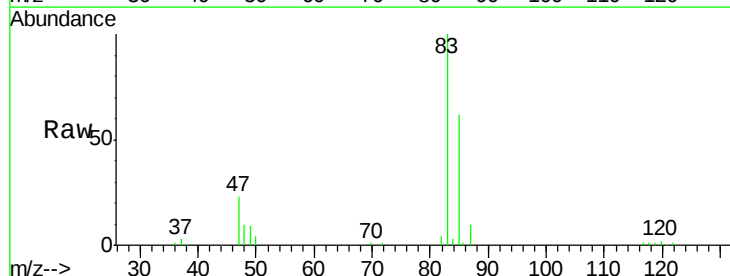
Instrument :
MSVOA_D
ClientSampled :

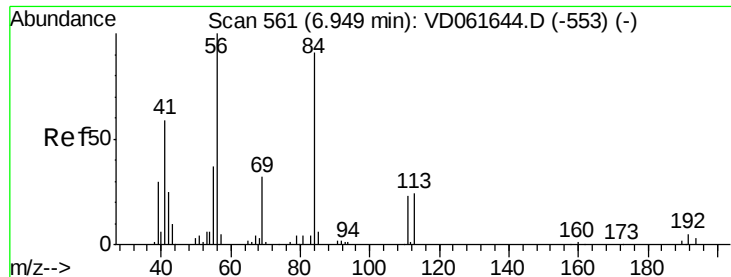
Tot Ion: 42 Resp: 87602
Ion Ratio Lower Upper
42 100
72 47.3 37.0 55.6
71 48.0 36.5 54.7



#30
Chloroform
Concen: 19.810 ug/l
RT: 6.67 min Scan# 533
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 83 Resp: 244850
Ion Ratio Lower Upper
83 100
85 61.9 51.9 77.9

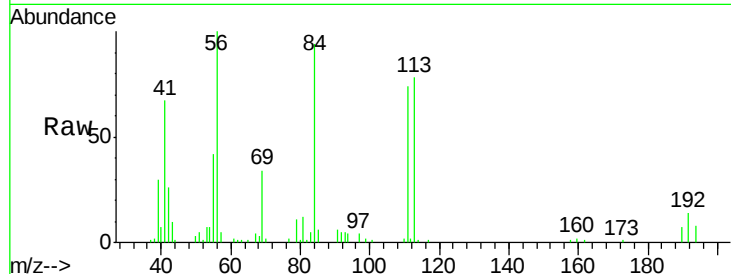




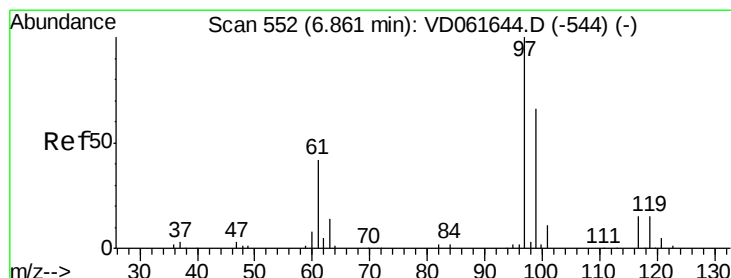
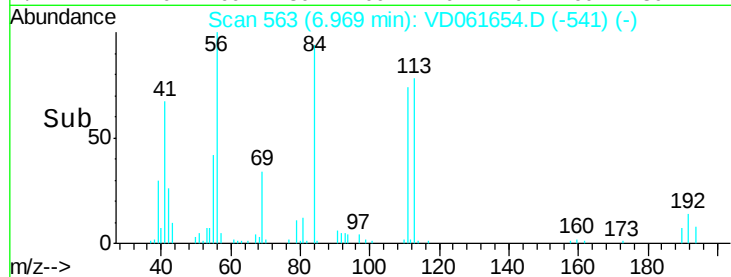
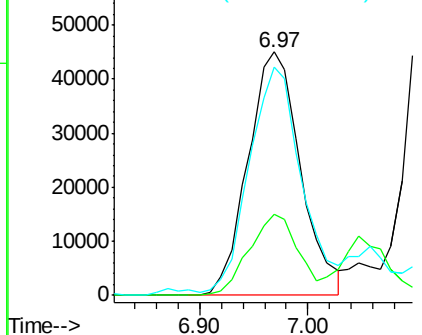
#31
Cvclohexane
Concen: 16.480 ug/l
RT: 6.97 min Scan# 563
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 151899
Ion Ratio Lower Upper
56 100
69 33.5 25.8 38.6
84 93.8 74.2 111.2

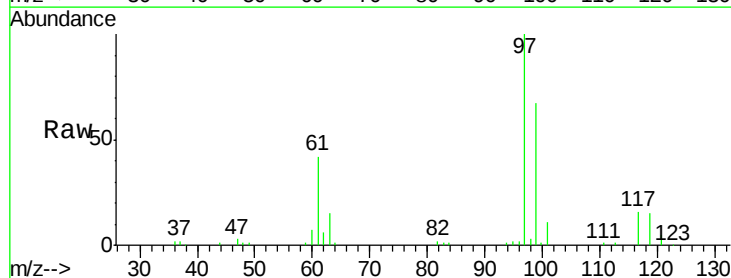


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

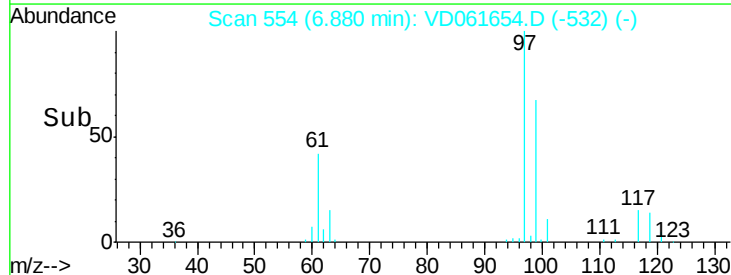
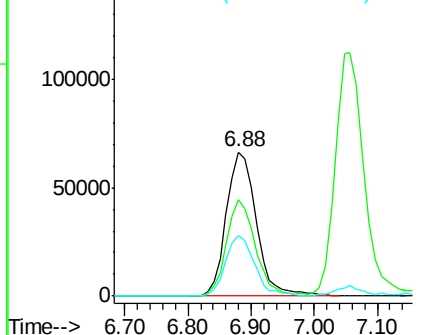


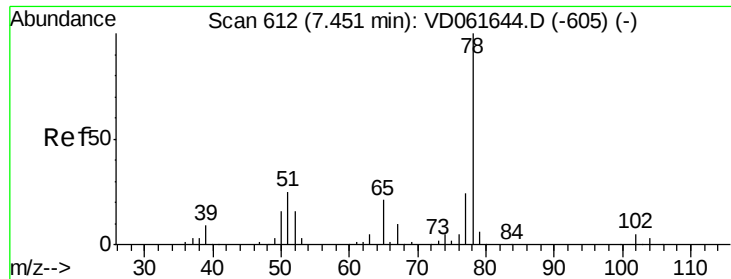
#32
1,1,1-Trichloroethane
Concen: 20.227 ug/l
RT: 6.88 min Scan# 554
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 97 Resp: 219081
Ion Ratio Lower Upper
97 100
99 66.8 52.5 78.7
61 42.4 33.4 50.0



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

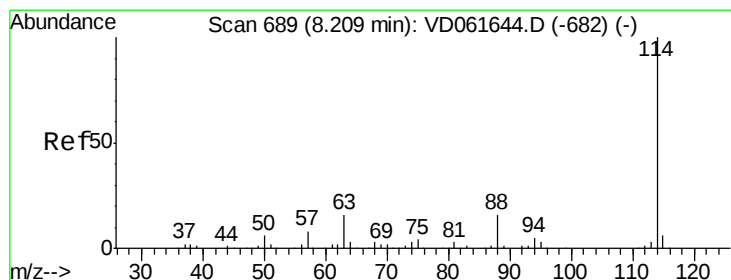
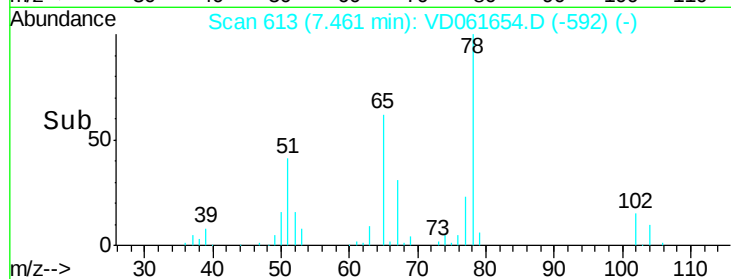
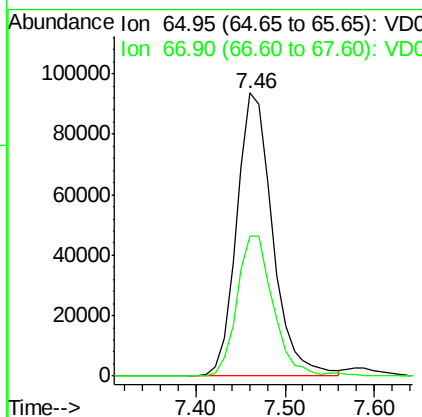
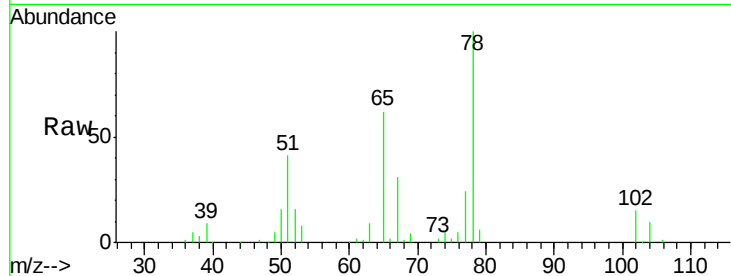




#33
 1,2-Dichloroethane-d4
 Concen: 20.227 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

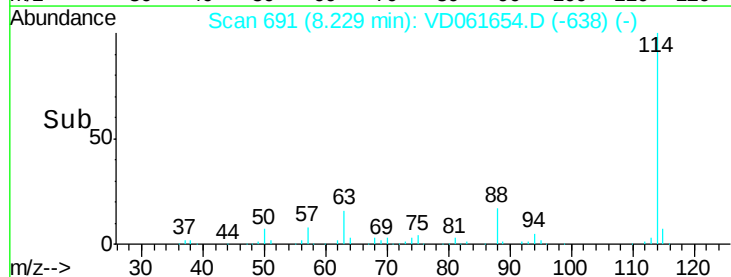
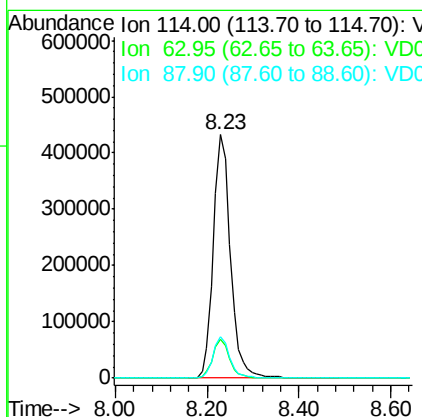
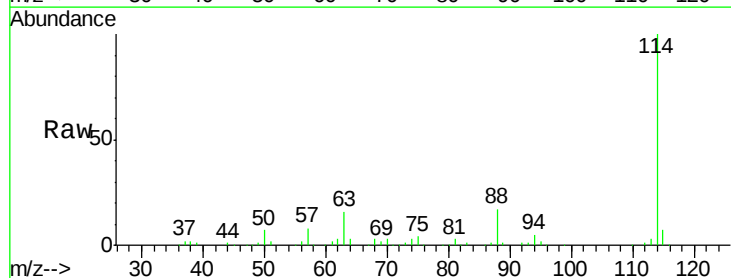
Instrument :
 MSVOA_D
 ClientSampled :

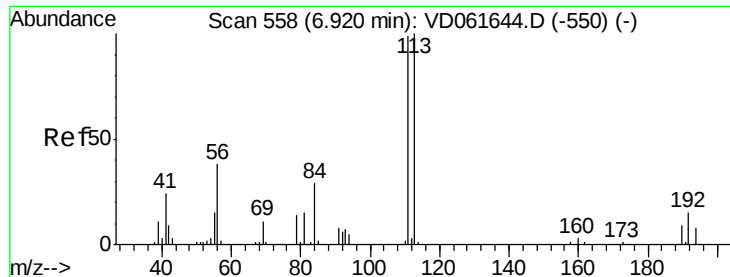
Tot Ion: 65 Resp: 262348
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion: 114 Resp: 1108134
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.2
 88 17.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

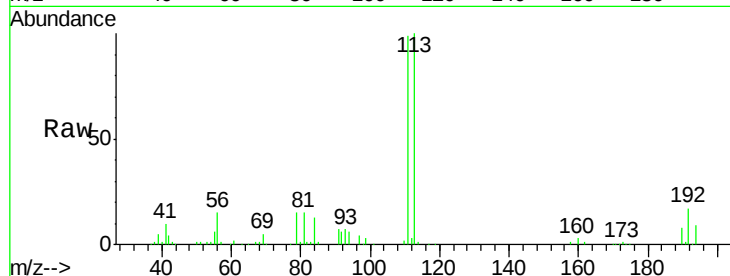
Tot Ion:113 Resp: 383796

Ion Ratio Lower Upper

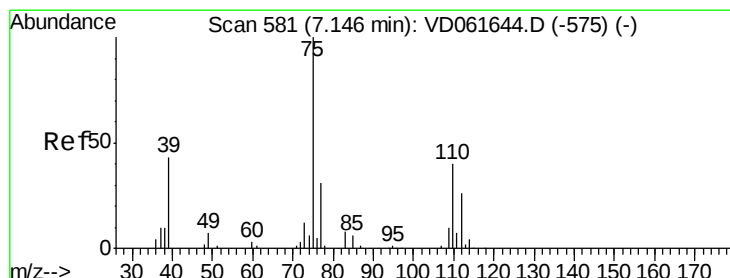
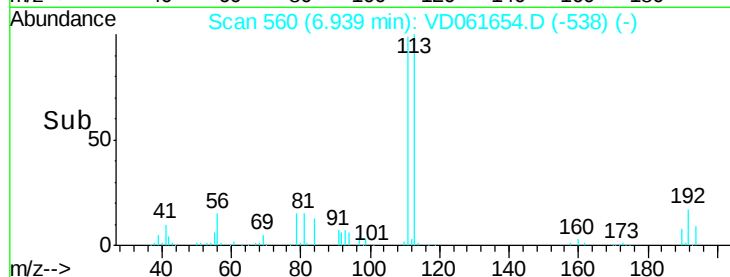
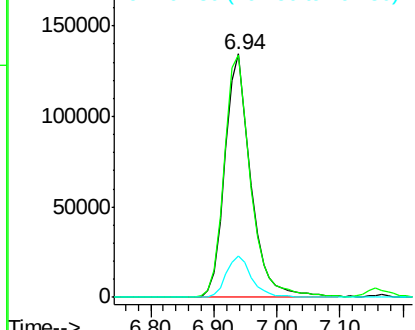
113 100

111 99.3 79.3 118.9

192 17.2 12.3 18.5



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



#36

1,1-Dichloropropene

Concen: 18.147 ug/l

RT: 7.16 min Scan# 582

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

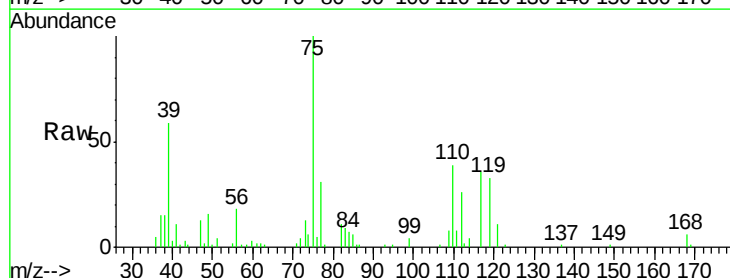
Tgt Ion: 75 Resp: 175992

Ion Ratio Lower Upper

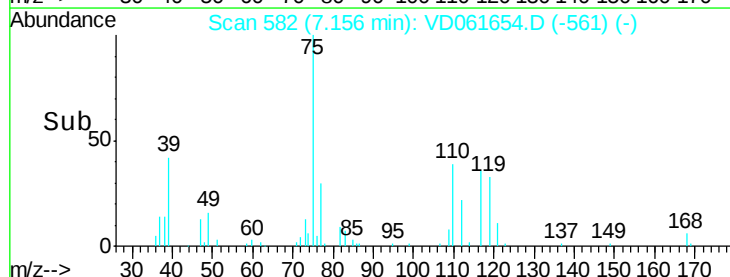
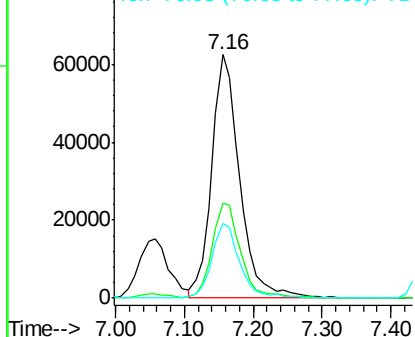
75 100

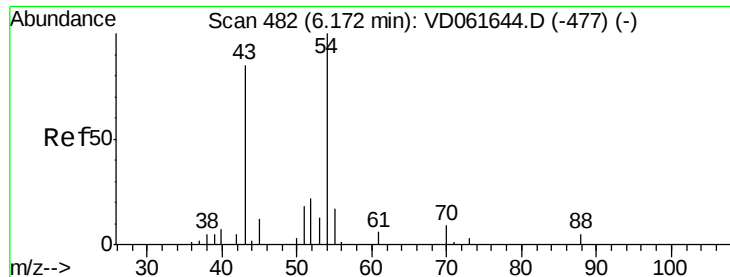
110 39.3 19.7 59.0

77 30.7 24.8 37.2



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

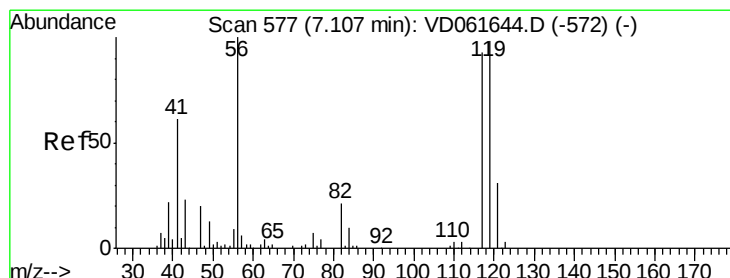
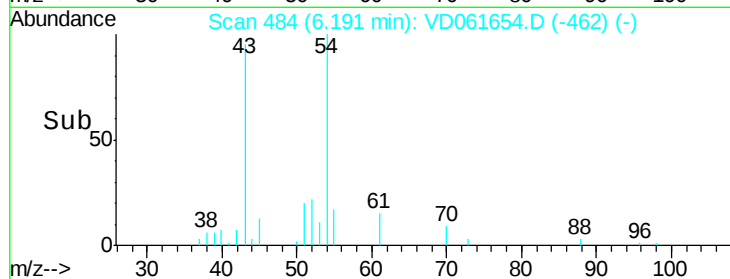
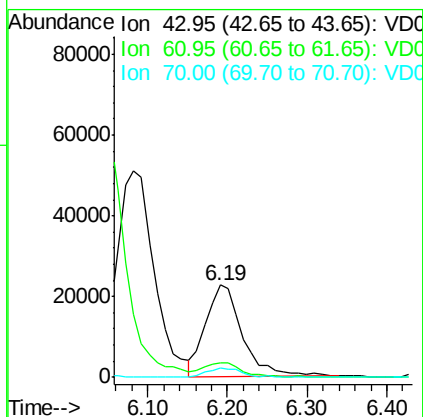
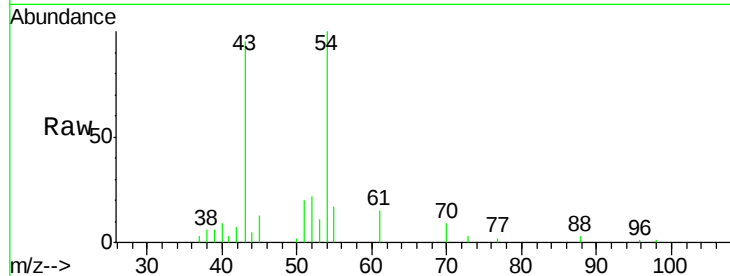




#37
Ethyl Acetate
Concen: 18.406 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

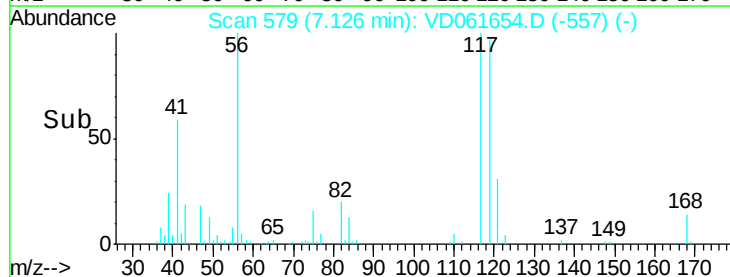
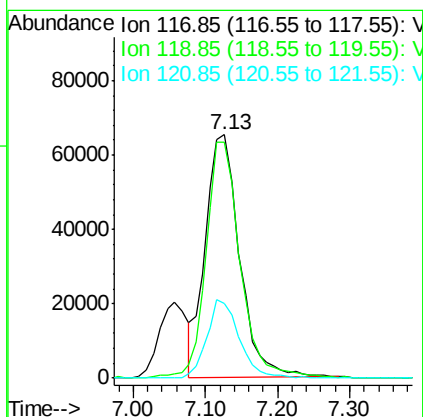
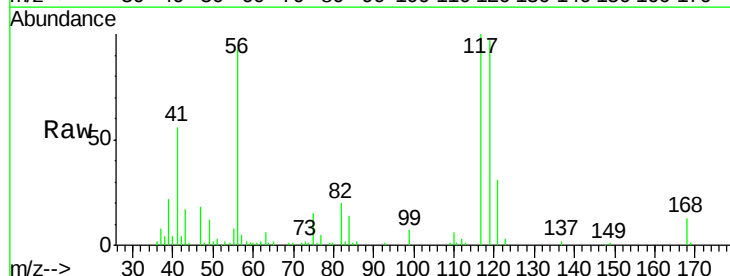
Instrument :
MSVOA_D
ClientSampleId :

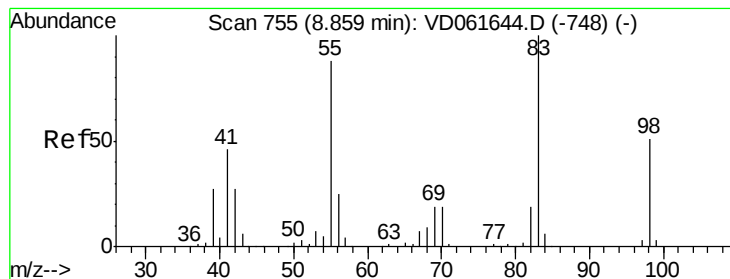
Tot Ion: 43 Resp: 72709
Ion Ratio Lower Upper
43 100
61 16.1 11.9 17.9
70 9.5 6.9 10.3



#38
Carbon Tetrachloride
Concen: 18.863 ug/l
RT: 7.13 min Scan# 579
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 117 Resp: 214401
Ion Ratio Lower Upper
117 100
119 96.9 77.9 116.9
121 30.7 24.7 37.1





#39

Methvlcvclohexane

Concen: 18.416 ug/l

RT: 8.88 min Scan# 757

Delta R.T. 0.02 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

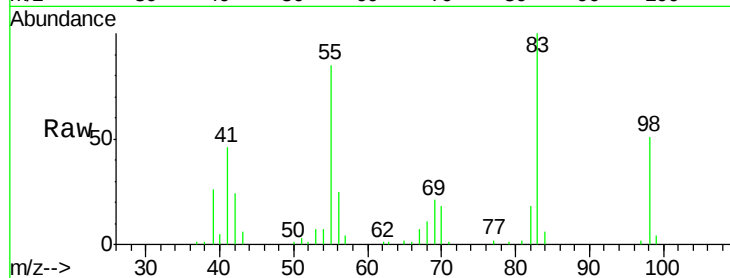
Tot Ion: 83 Resp: 183368

Ion Ratio Lower Upper

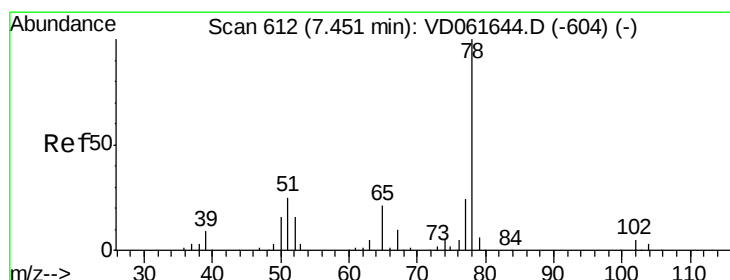
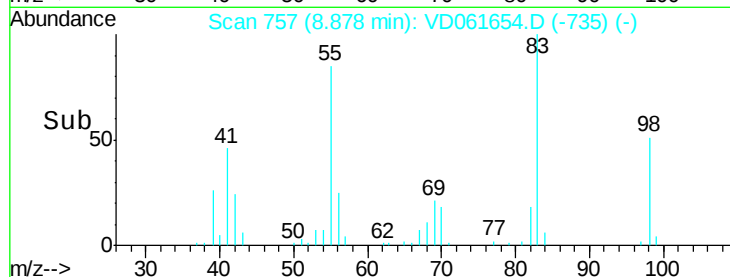
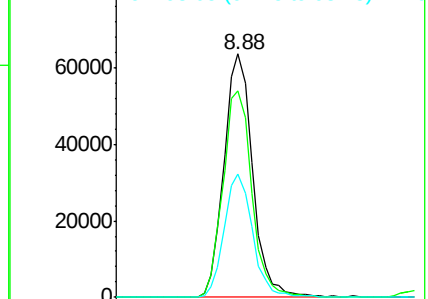
83 100

55 84.8 70.3 105.5

98 50.6 41.0 61.6



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: 19.871 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061654.D

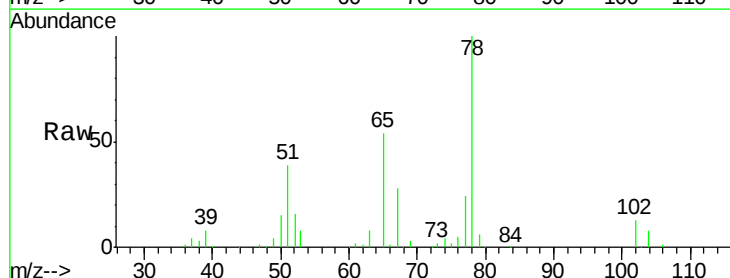
Acq: 8 Apr 2019 16:45

Tgt Ion: 78 Resp: 464919

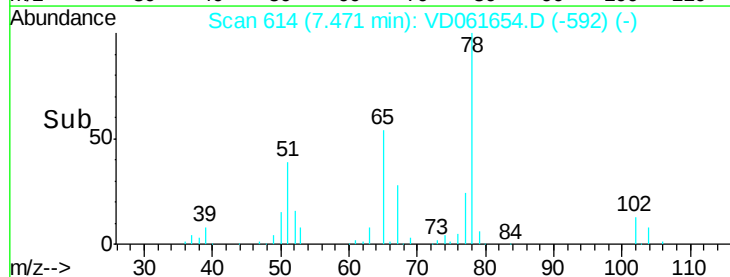
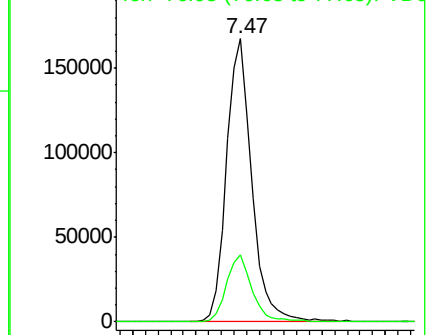
Ion Ratio Lower Upper

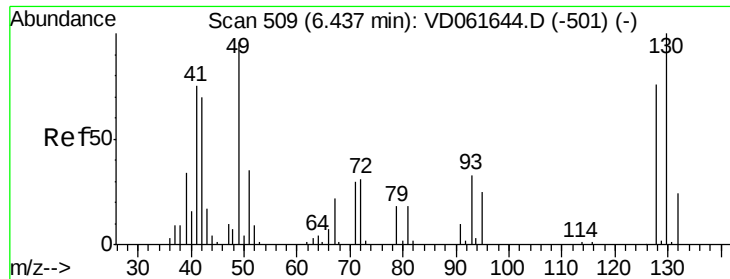
78 100

77 23.7 19.5 29.3



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

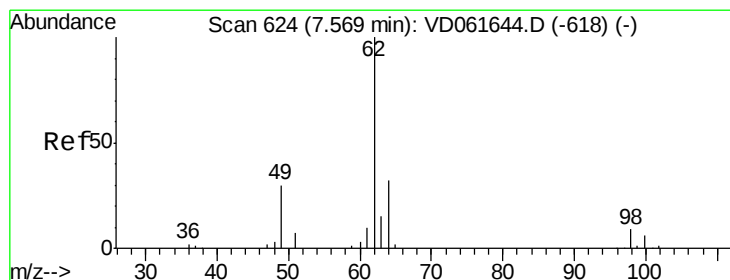
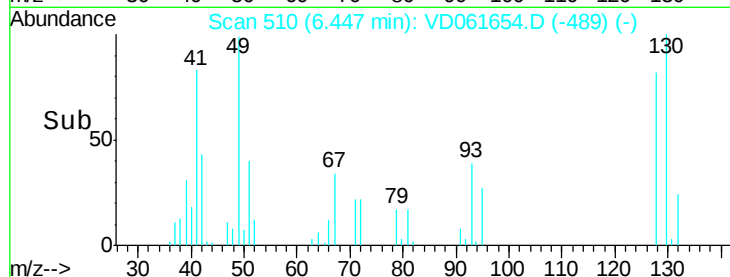
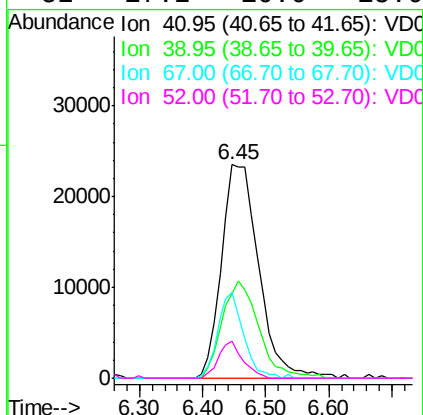
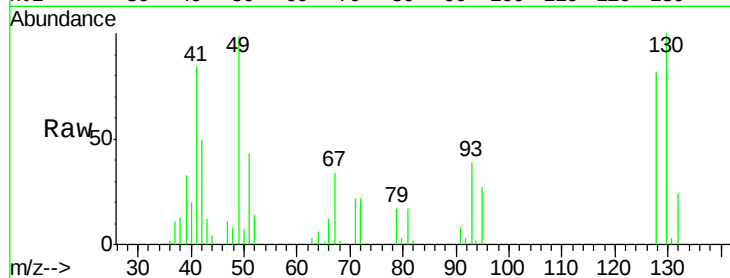




#41
Methacrylonitrile
Concen: 20.912 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

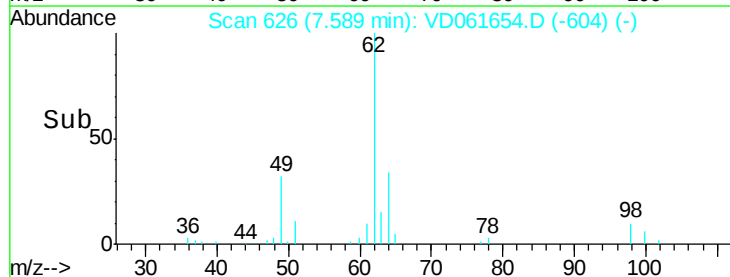
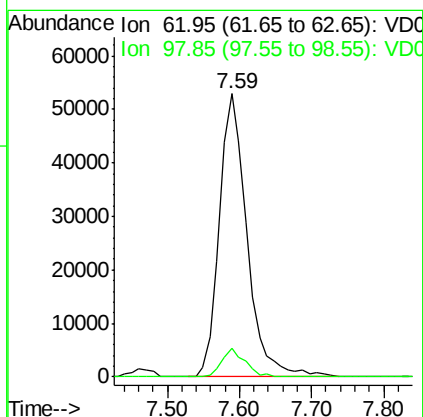
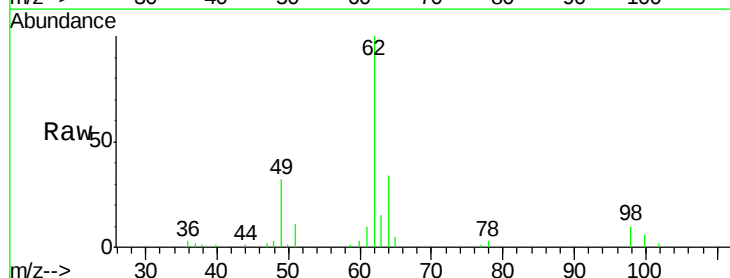
Instrument :
MSVOA_D
ClientSampled :

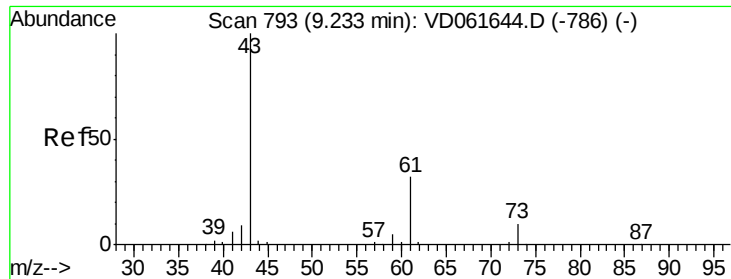
Tot Ion: 41 Resp: 96433
Ion Ratio Lower Upper
41 100
39 39.4 36.2 54.2
67 39.9 23.2 34.8#
52 17.2 10.0 15.0#



#42
1,2-Dichloroethane
Concen: 19.085 ug/l
RT: 7.59 min Scan# 626
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 62 Resp: 140430
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.8



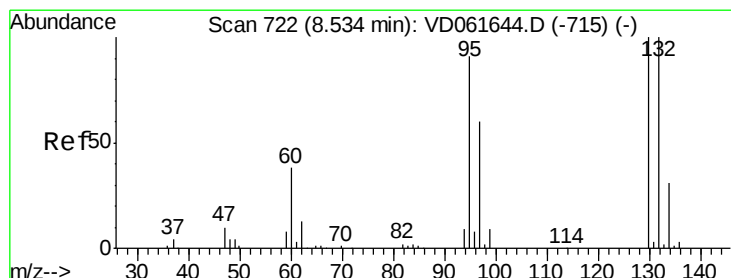
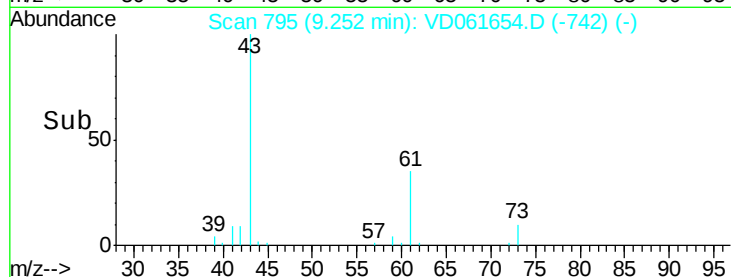
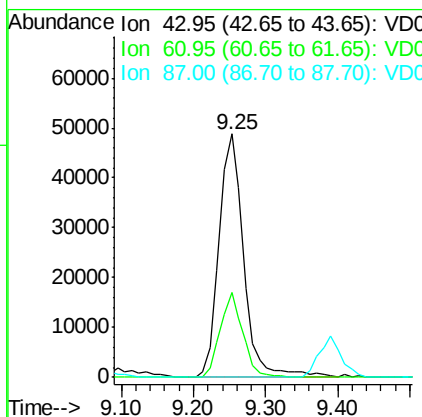
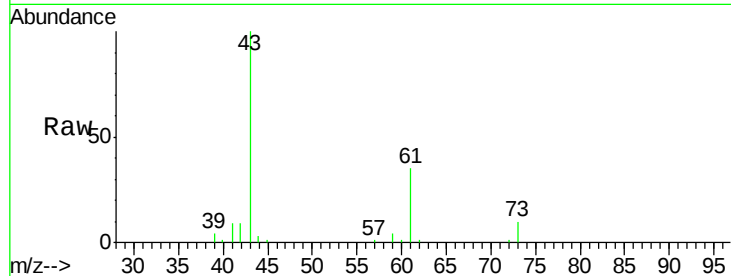


#43

Isopropyl Acetate
 Concen: 20.093 ug/l
 RT: 9.25 min Scan# 795
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Instrument :
 MSVOA_D
 ClientSampled :

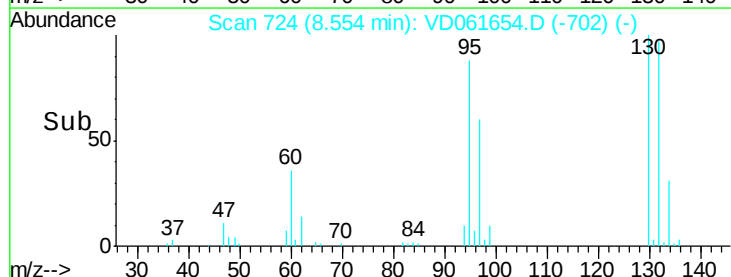
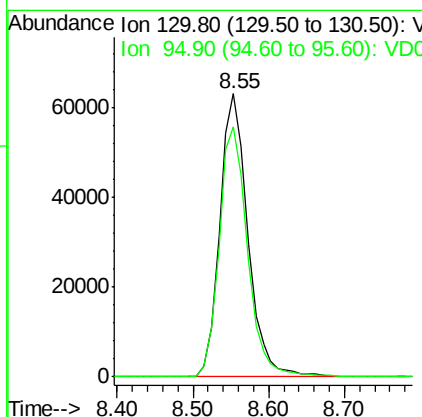
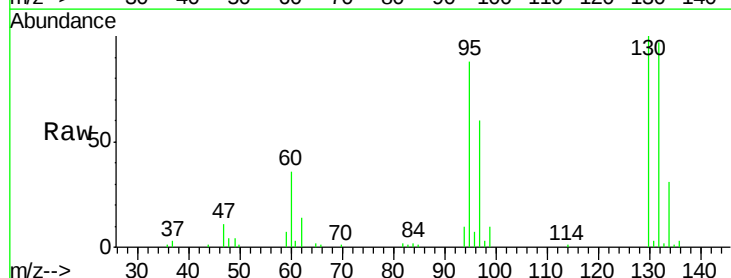
Tot Ion: 43 Resp: 115193
 Ion Ratio Lower Upper
 43 100
 61 35.0 25.9 38.9
 87 0.0 0.2 0.4#

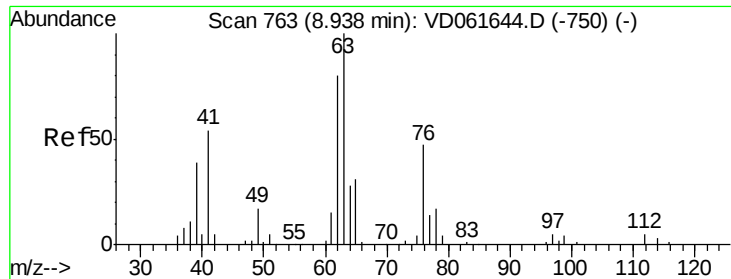


#44

Trichloroethene
 Concen: 18.138 ug/l
 RT: 8.55 min Scan# 724
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion:130 Resp: 162694
 Ion Ratio Lower Upper
 130 100
 95 88.4 0.0 181.8





#45

1,2-Dichloropropane

Concen: 18.881 ug/l

RT: 8.95 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

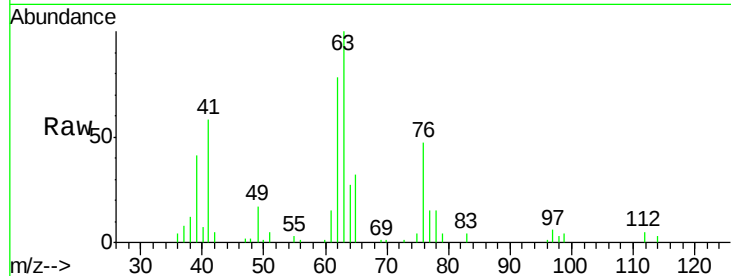
ClientSampleId :

Tot Ion: 63 Resp: 109555

Ion Ratio Lower Upper

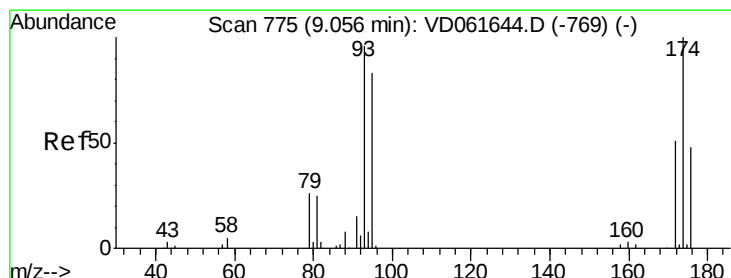
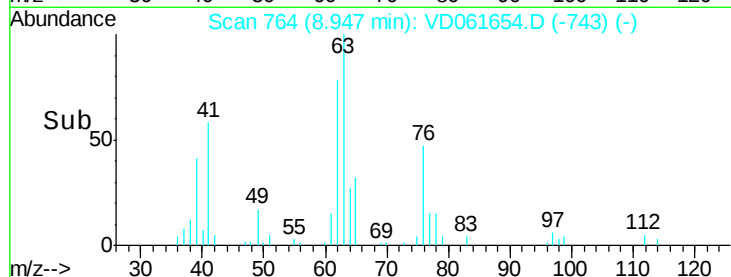
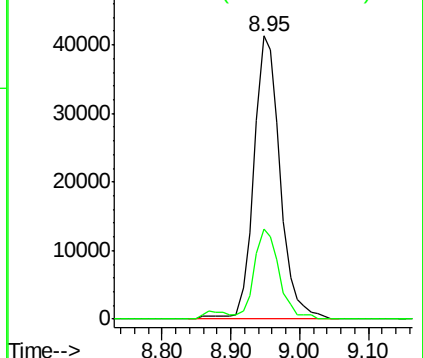
63 100

65 31.6 24.5 36.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 19.425 ug/l

RT: 9.08 min Scan# 777

Delta R.T. 0.02 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

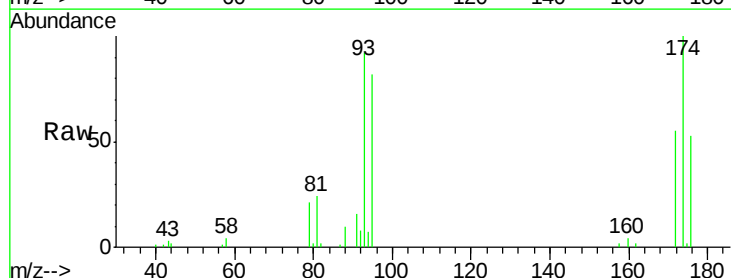
Tgt Ion: 93 Resp: 80551

Ion Ratio Lower Upper

93 100

95 89.4 68.6 103.0

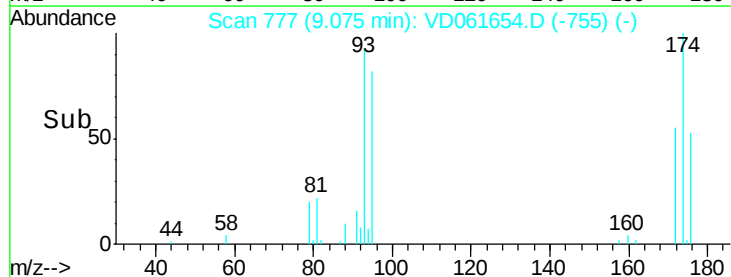
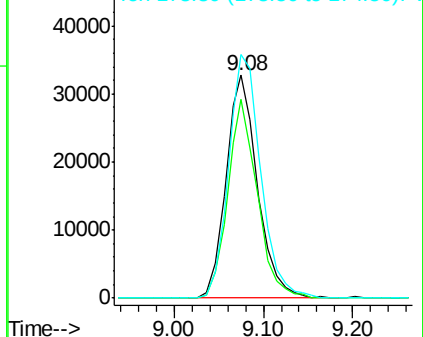
174 109.3 83.0 124.4

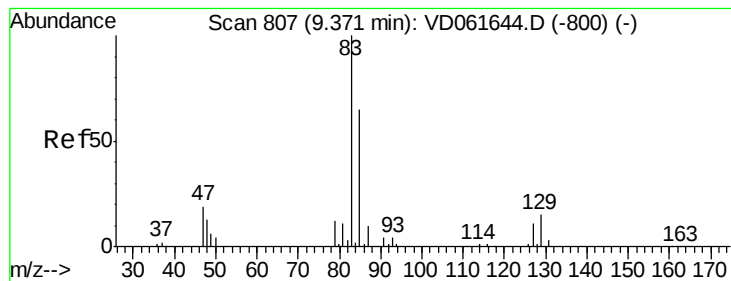


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 19.150 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.02 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

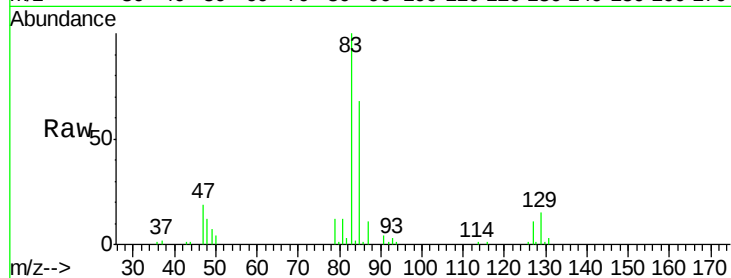
Tot Ion: 83 Resp: 174409

Ion Ratio Lower Upper

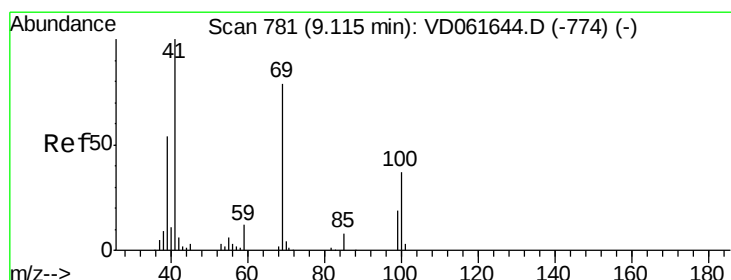
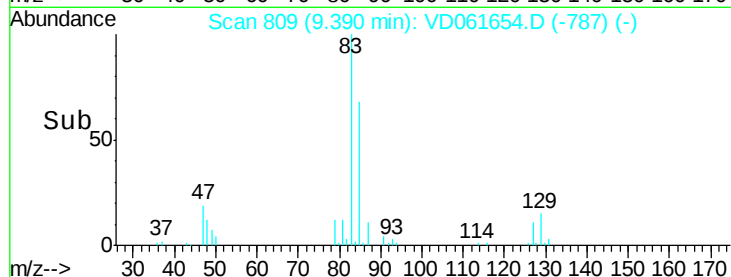
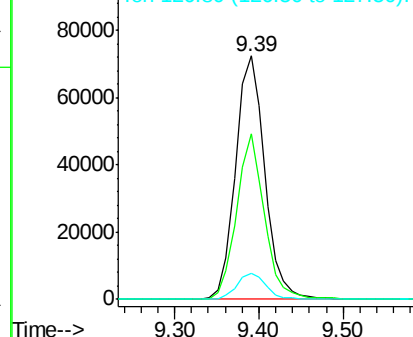
83 100

85 68.2 51.8 77.6

127 10.9 9.0 13.6



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): V



#48

Methyl methacrylate

Concen: 19.747 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

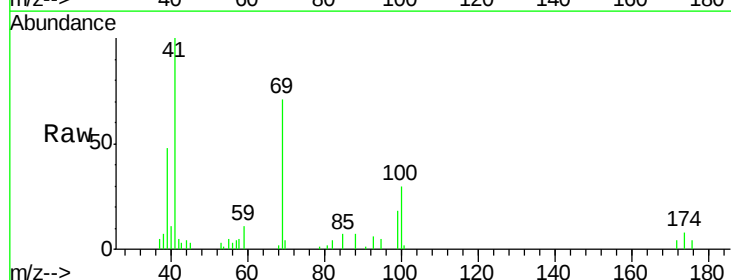
Tgt Ion: 41 Resp: 65258

Ion Ratio Lower Upper

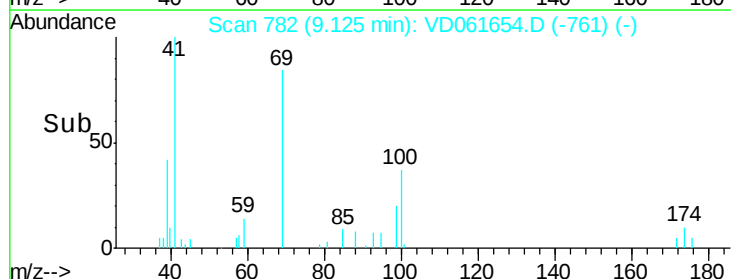
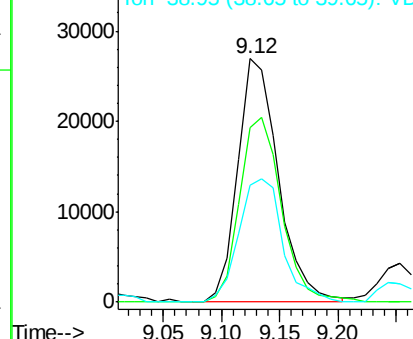
41 100

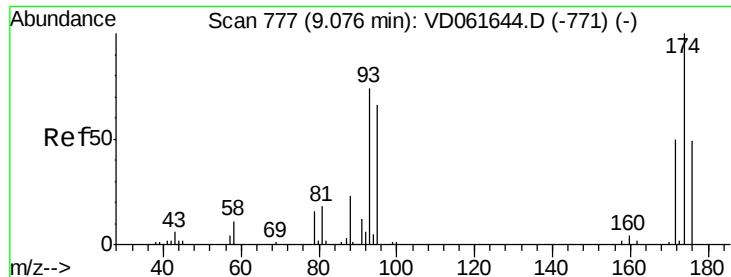
69 71.5 63.1 94.7

39 48.2 43.8 65.8



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

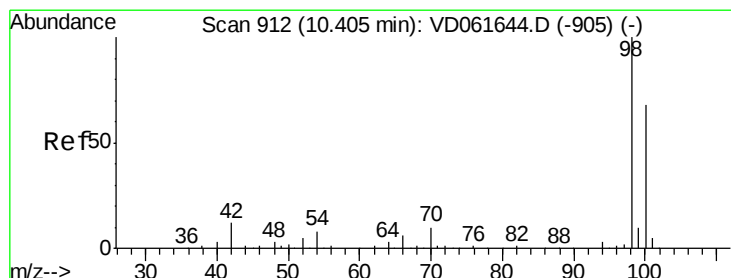
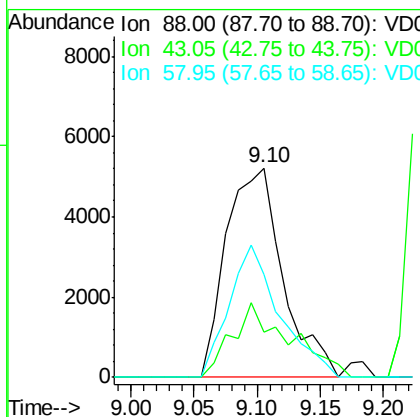
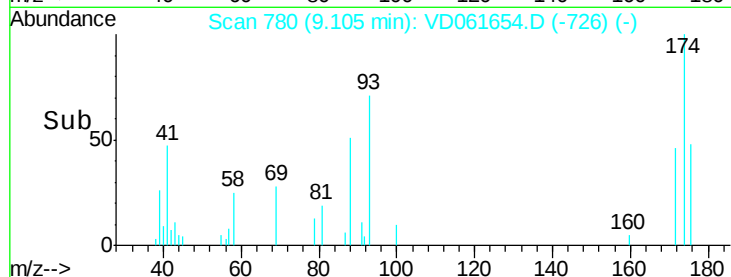
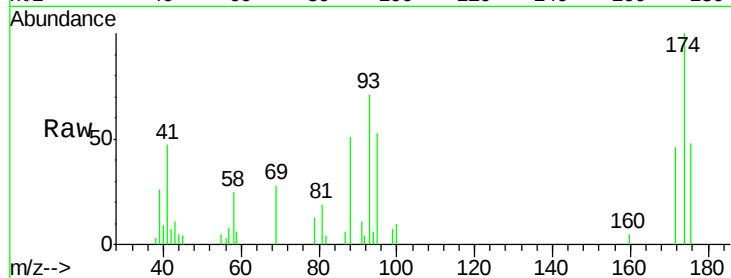




#49
1,4-Dioxane
Concen: 447.329 ug/l
RT: 9.10 min Scan# 780
Delta R.T. 0.03 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

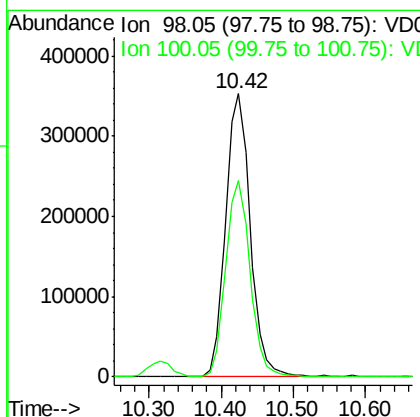
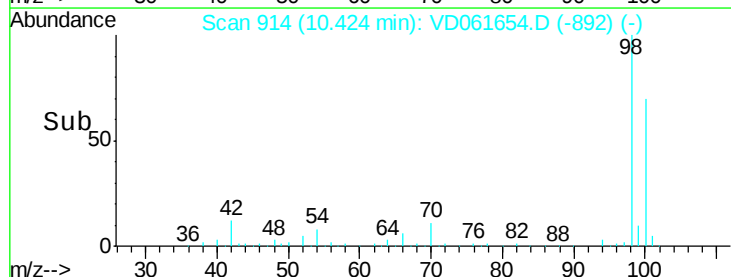
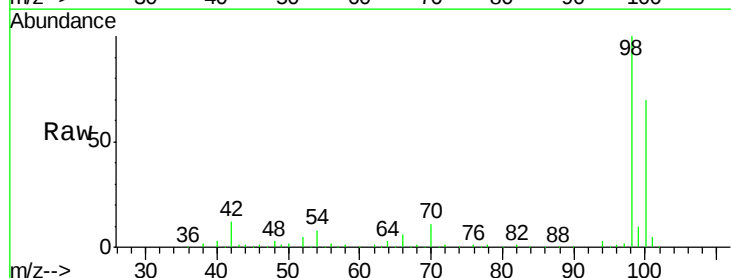
Instrument :
MSVOA_D
ClientSampleId :

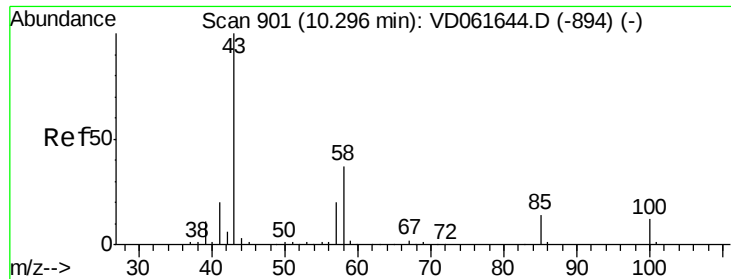
Tot Ion: 88 Resp: 16317
Ion Ratio Lower Upper
88 100
43 21.4 21.8 32.8#
58 49.0 40.2 60.2



#50
Toluene-d8
Concen: 447.329 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 98 Resp: 838914
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.0





#51

4-Methyl-2-Pentanone

Concen: 107.478 ug/l

RT: 10.32 min Scan# 903

Delta R.T. 0.02 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

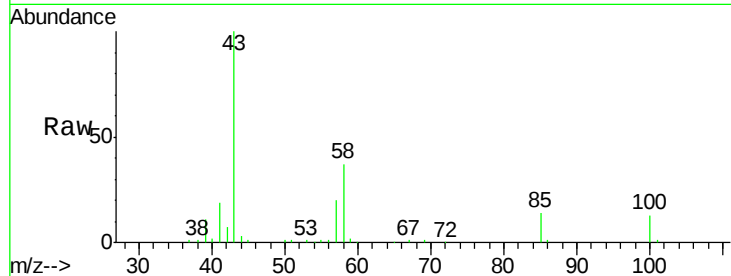
ClientSampleId :

Tot Ion: 43 Resp: 364397

Ion Ratio Lower Upper

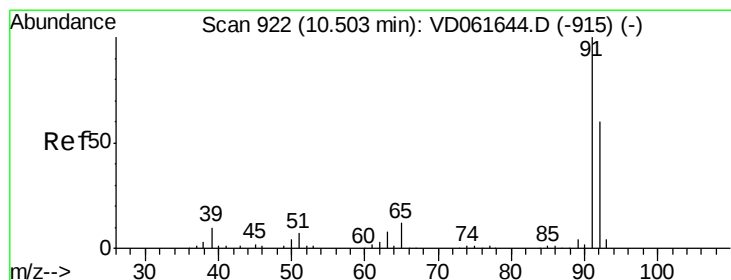
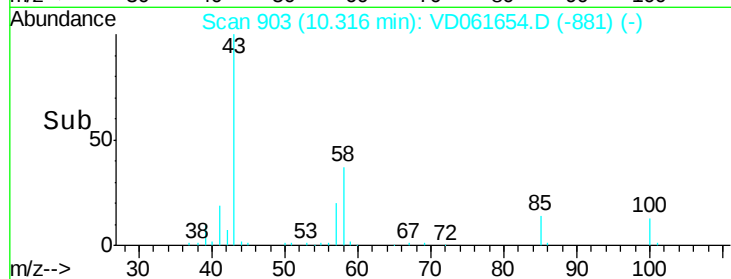
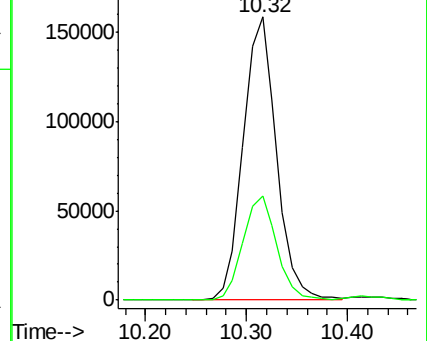
43 100

58 36.8 29.8 44.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 19.789 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD061654.D

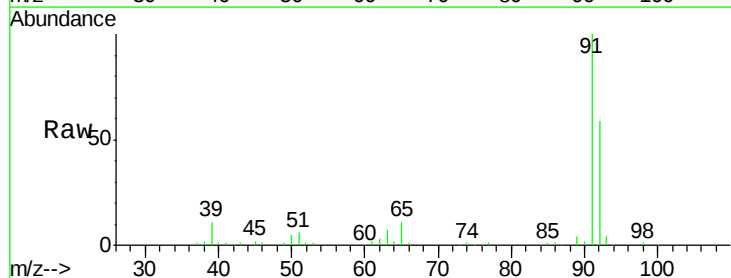
Acq: 8 Apr 2019 16:45

Tgt Ion: 92 Resp: 289118

Ion Ratio Lower Upper

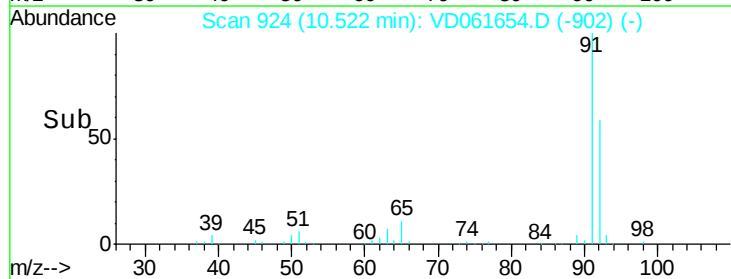
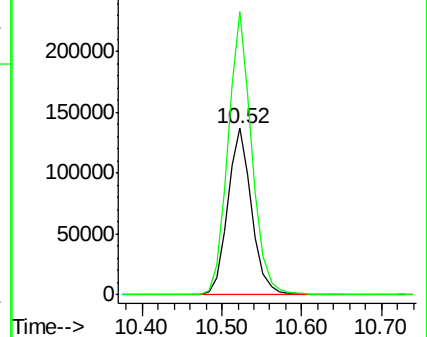
92 100

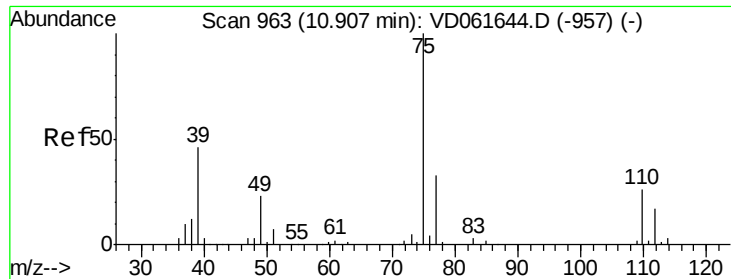
91 170.1 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

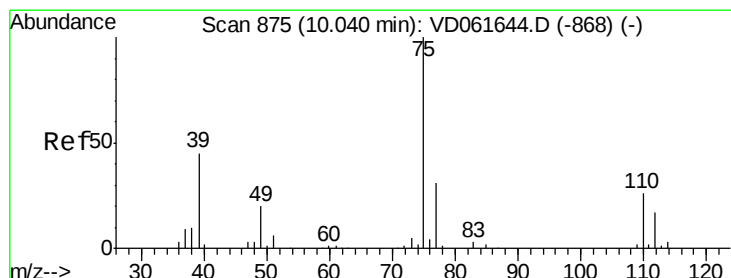
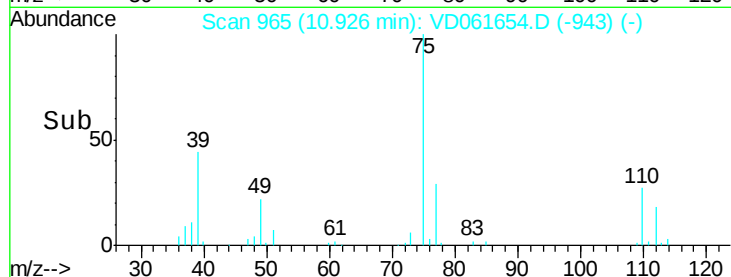
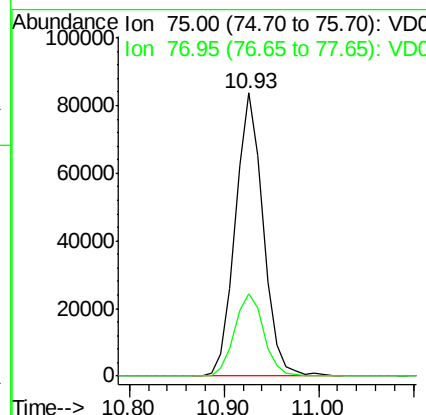
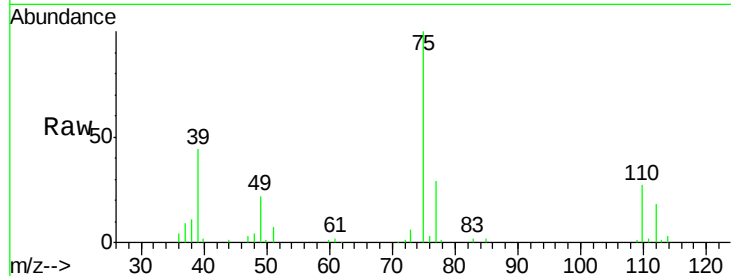




#53
 t-1,3-Dichloropropene
 Concen: 21.294 ug/l
 RT: 10.93 min Scan# 965
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

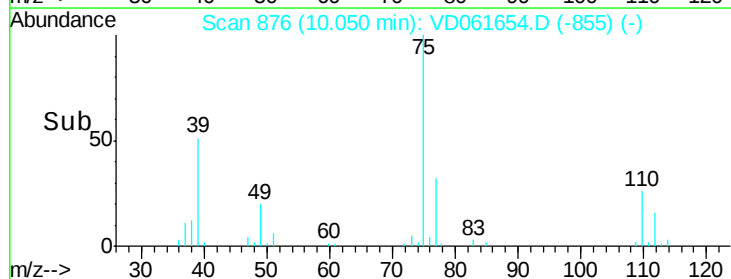
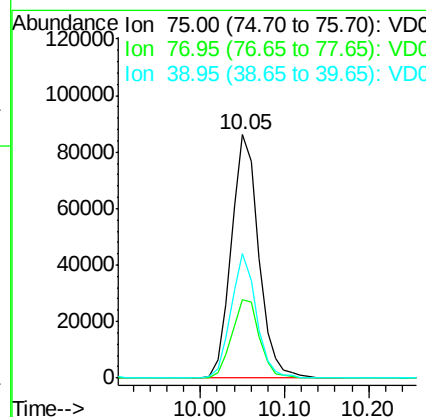
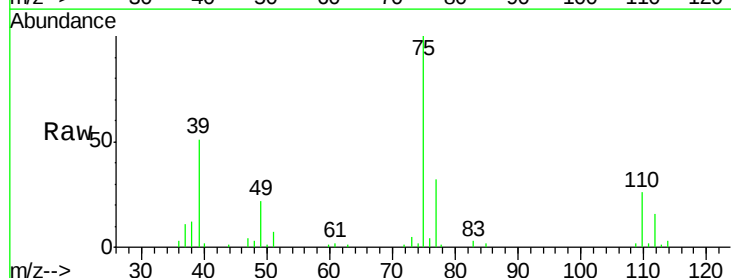
Instrument :
 MSVOA_D
 ClientSampleId :

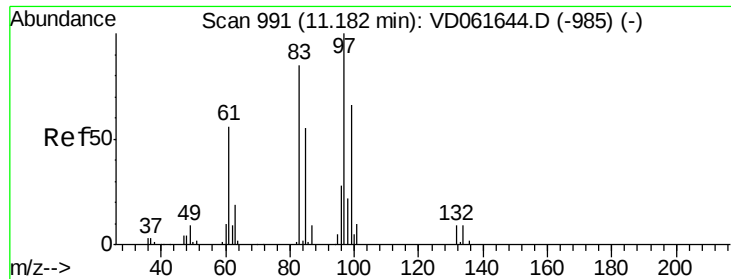
Tot Ion: 75 Resp: 169999
 Ion Ratio Lower Upper
 75 100
 77 29.3 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.741 ug/l
 RT: 10.05 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion: 75 Resp: 194286
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 37.0
 39 51.2 36.2 54.2

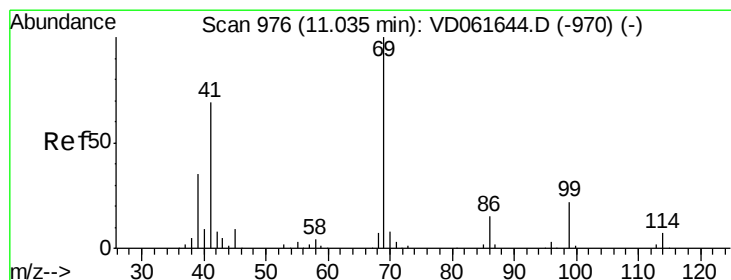
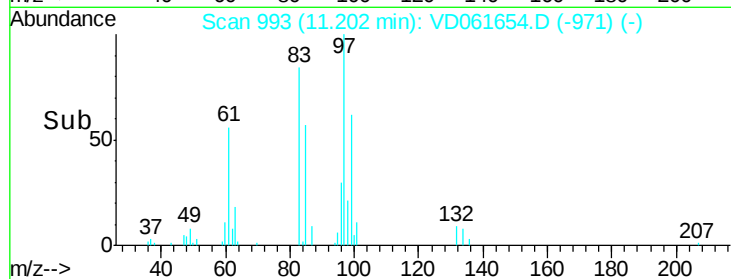
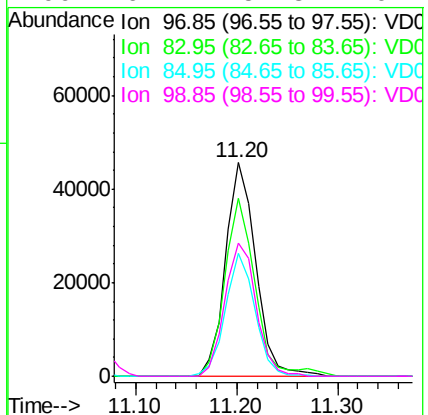
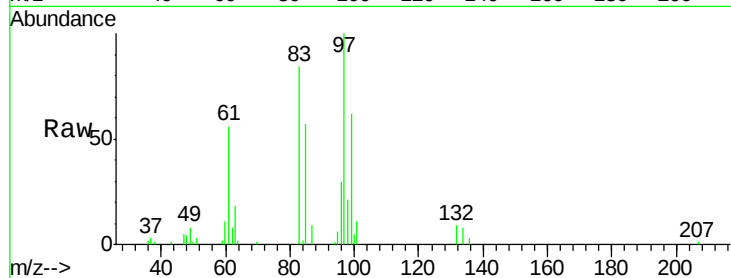




#55
 1,1,2-Trichloroethane
 Concen: 19.333 ug/l
 RT: 11.20 min Scan# 993
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

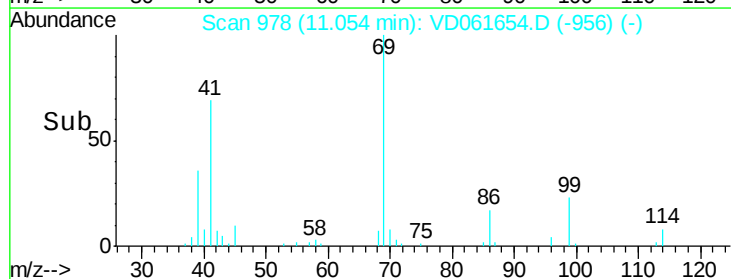
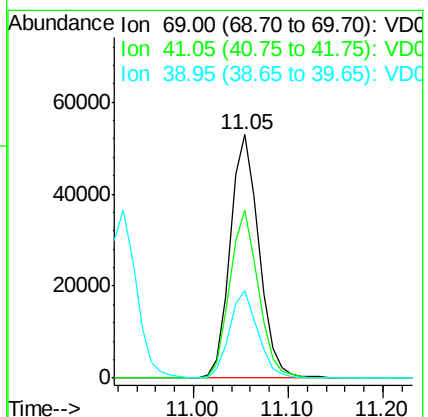
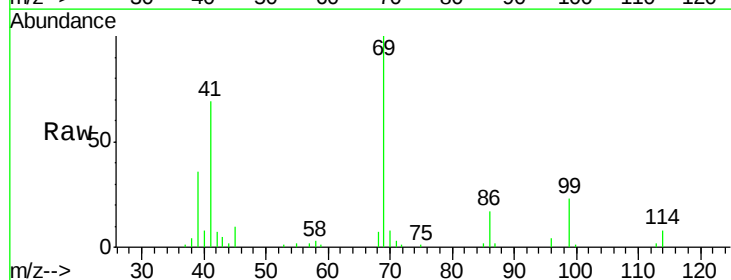
Instrument :
 MSVOA_D
 ClientSampleId :

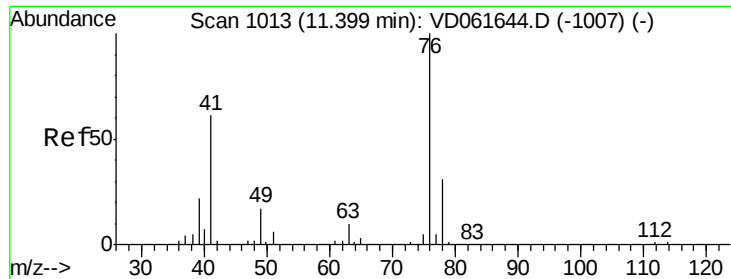
Tot Ion: 97 Resp: 95265
 Ion Ratio Lower Upper
 97 100
 83 83.6 67.8 101.6
 85 57.3 43.8 65.8
 99 62.1 52.8 79.2



#56
 Ethyl methacrylate
 Concen: 21.406 ug/l
 RT: 11.05 min Scan# 978
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion: 69 Resp: 111273
 Ion Ratio Lower Upper
 69 100
 41 69.2 55.2 82.8
 39 35.9 28.6 43.0

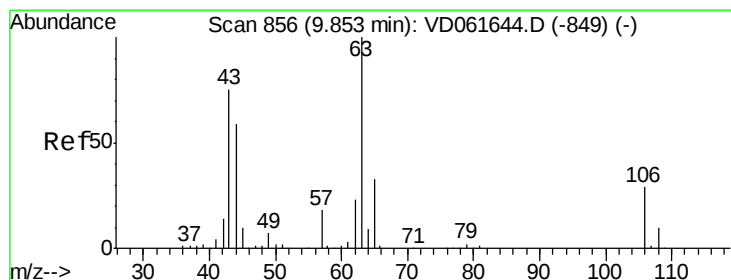
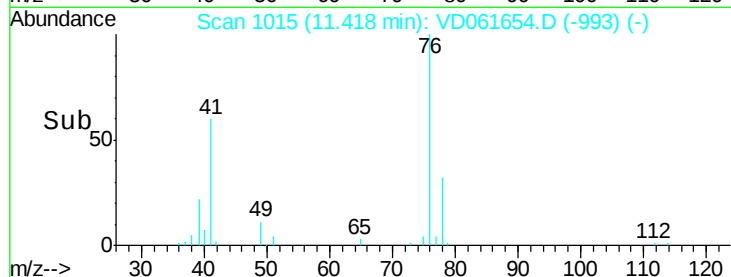
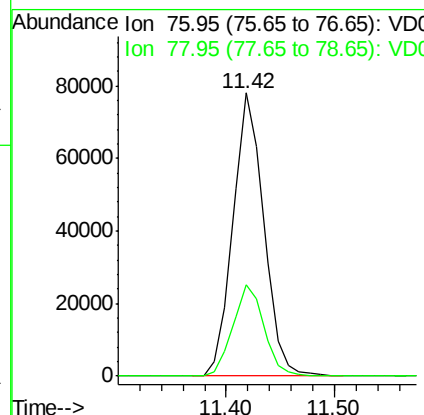
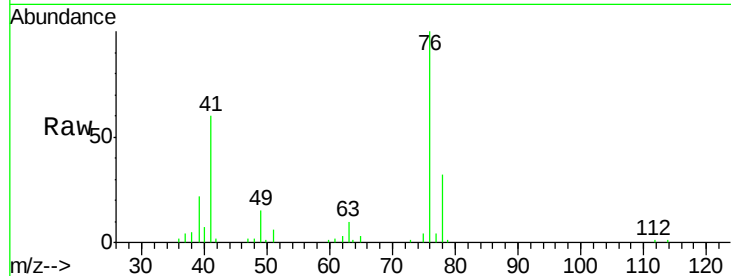




#57
 1,3-Dichloropropane
 Concen: 21.403 ug/l
 RT: 11.42 min Scan# 1015
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

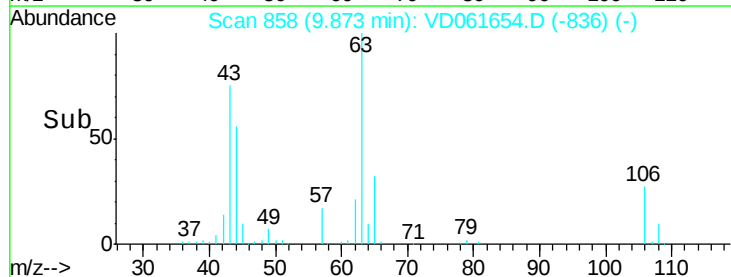
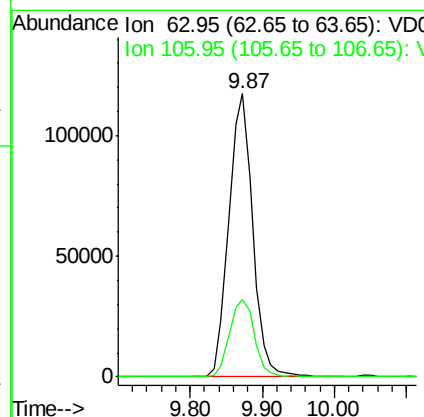
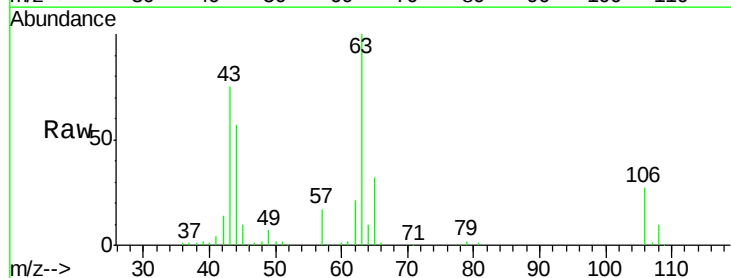
Instrument :
 MSVOA_D
 ClientSampleId :

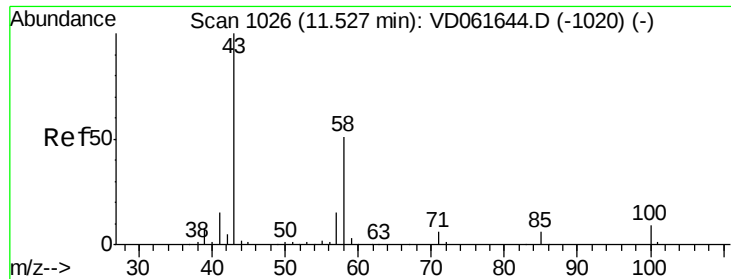
Tot Ion: 76 Resp: 154443
 Ion Ratio Lower Upper
 76 100
 78 32.2 24.5 36.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.987 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. 0.02 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion: 63 Resp: 269768
 Ion Ratio Lower Upper
 63 100
 106 27.5 23.0 34.6

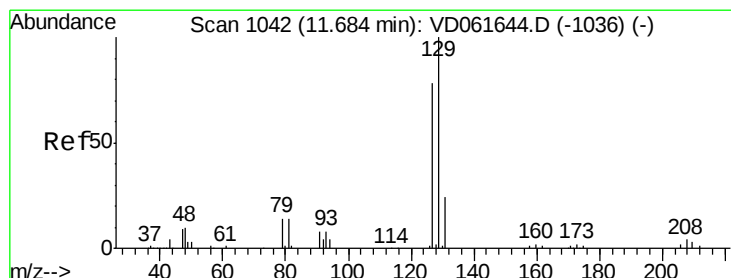
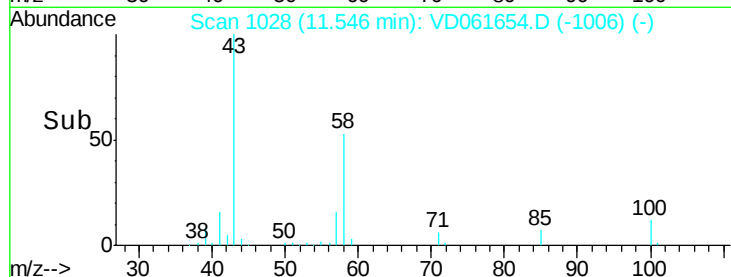
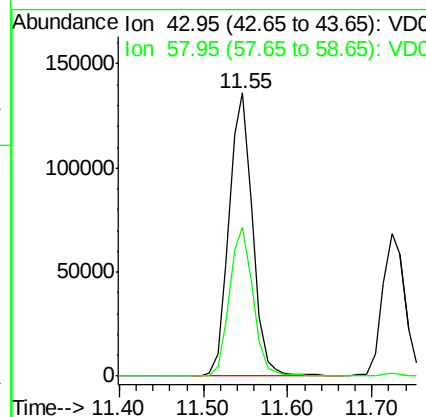
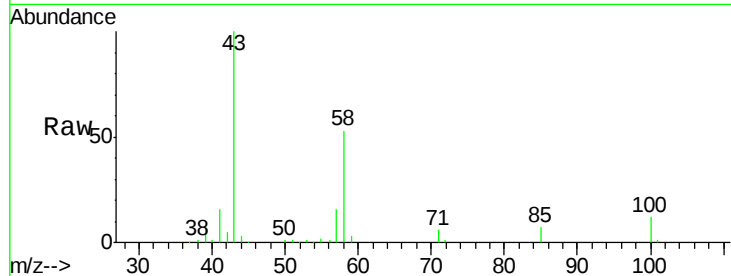




#59
2-Hexanone
Concen: 99.983 ug/l
RT: 11.55 min Scan# 1028
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

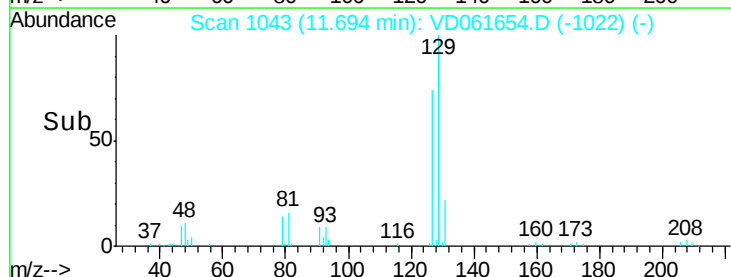
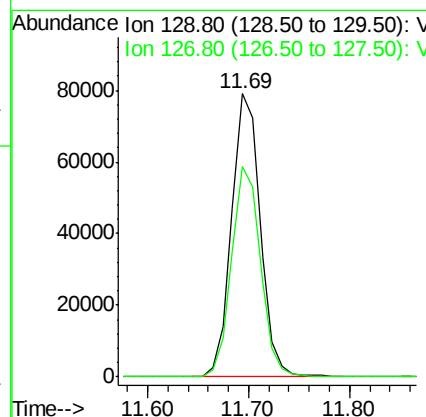
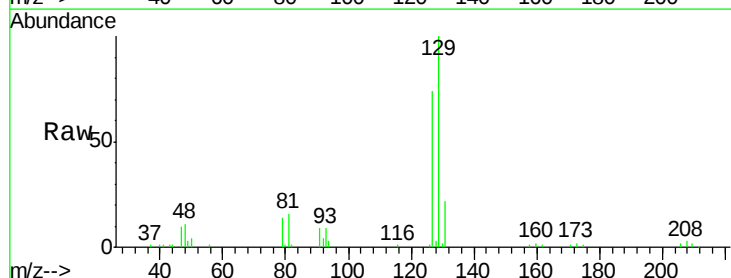
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 263079
Ion Ratio Lower Upper
43 100
58 52.7 25.6 76.8



#60
Dibromochloromethane
Concen: 20.007 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 129 Resp: 155757
Ion Ratio Lower Upper
129 100
127 74.5 38.8 116.4

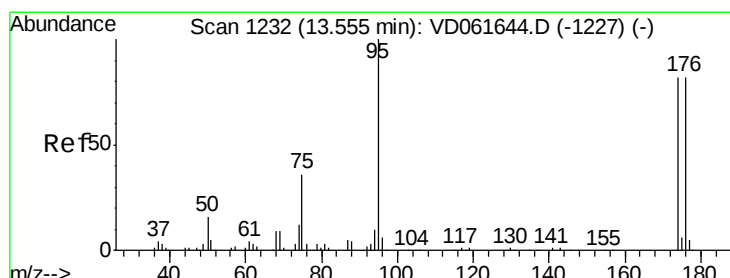
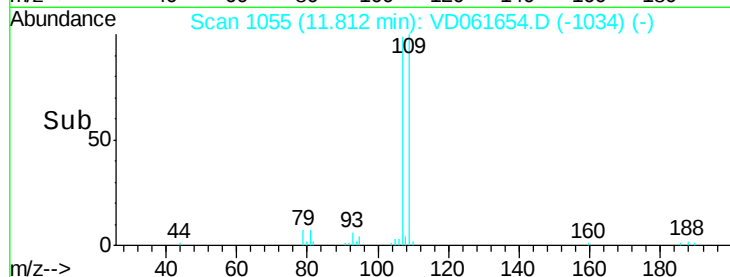
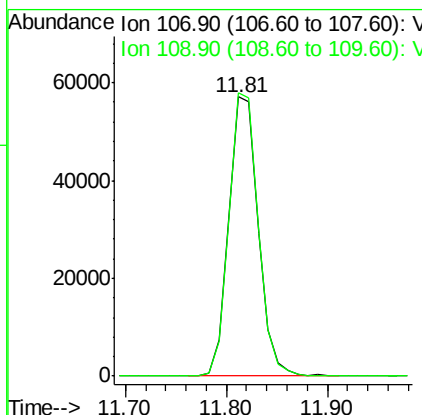
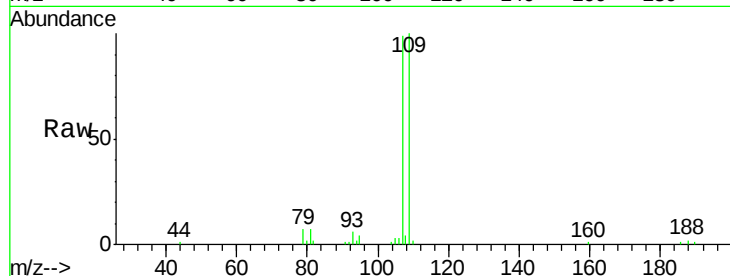




#61
1,2-Dibromoethane
Concen: 20.036 ug/l
RT: 11.81 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

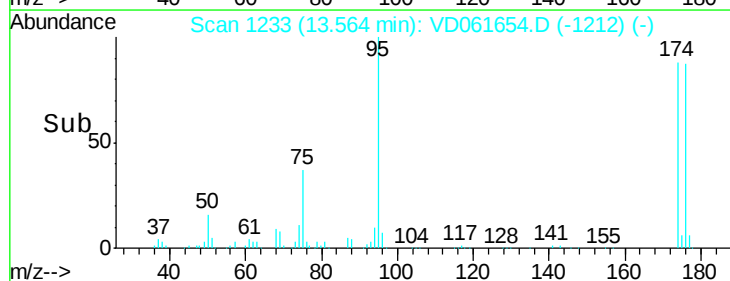
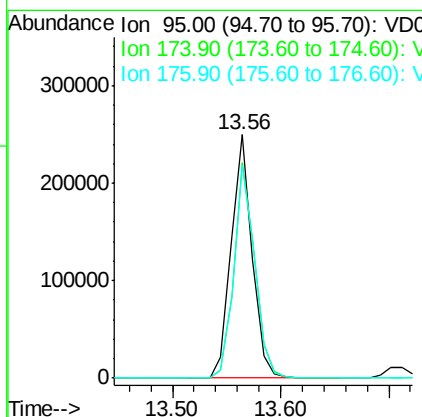
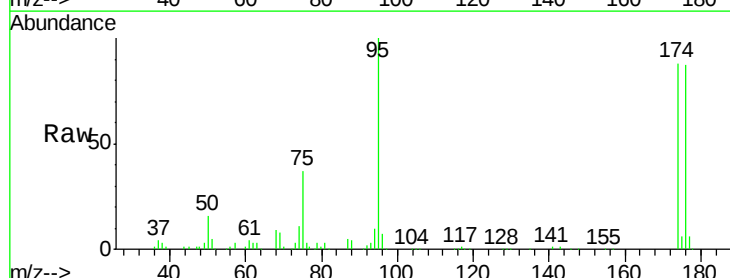
Instrument :
MSVOA_D
ClientSampleId :

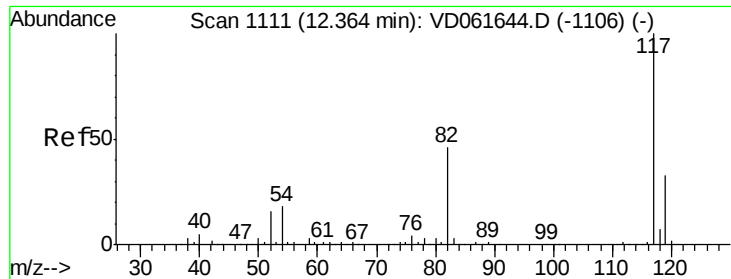
Tot Ion: 107 Resp: 115461
Ion Ratio Lower Upper
107 100
109 101.3 79.2 118.8



#62
4-Bromofluorobenzene
Concen: 20.036 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 95 Resp: 336903
Ion Ratio Lower Upper
95 100
174 88.4 0.0 164.6
176 87.5 0.0 165.0

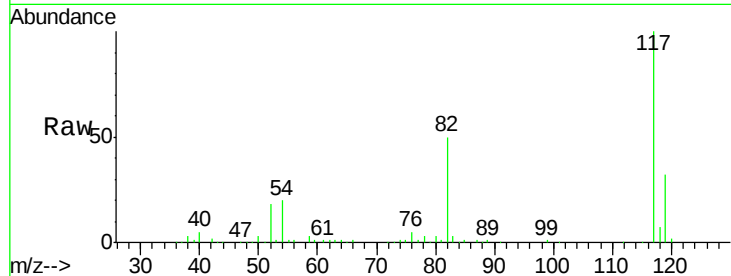




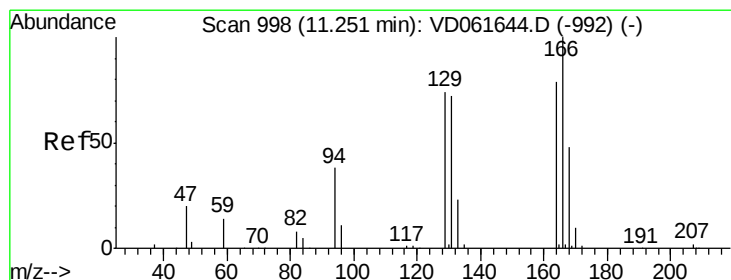
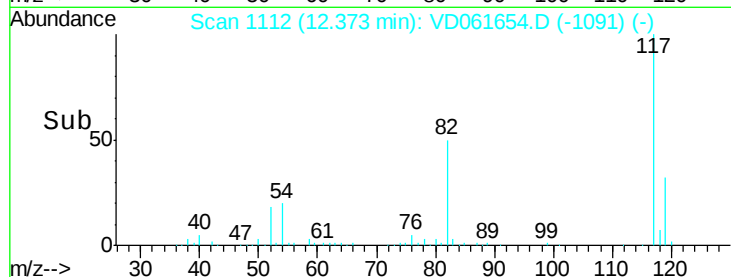
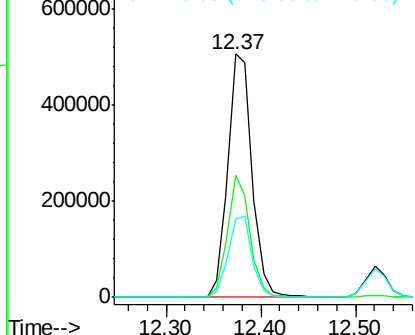
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 892272
Ion Ratio Lower Upper
117 100
82 49.9 36.8 55.2
119 32.5 26.1 39.1

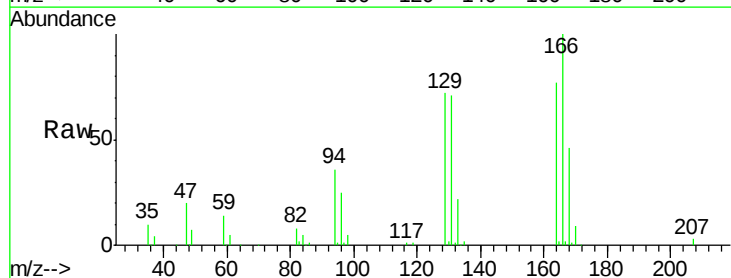


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

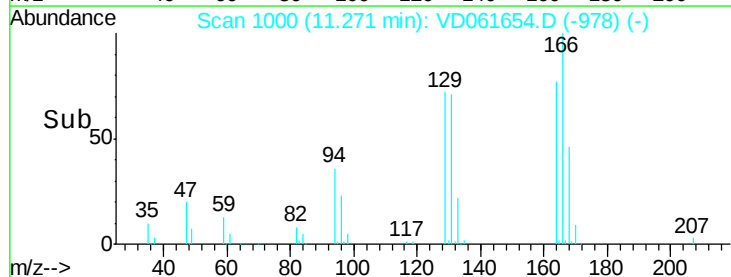
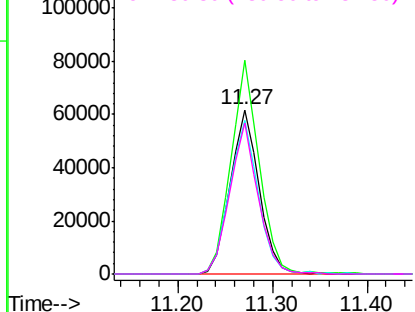


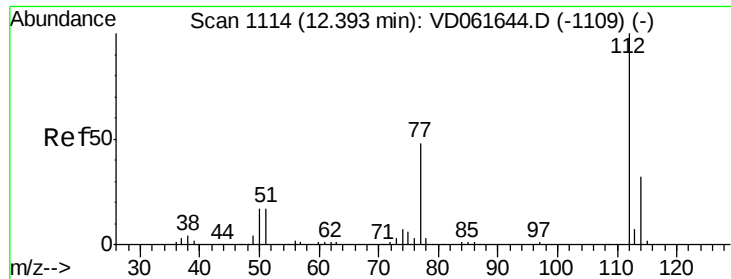
#64
Tetrachloroethene
Concen: 18.873 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion:164 Resp: 130720
Ion Ratio Lower Upper
164 100
166 130.4 101.8 152.8
129 93.8 75.4 113.0
131 92.3 73.6 110.4



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

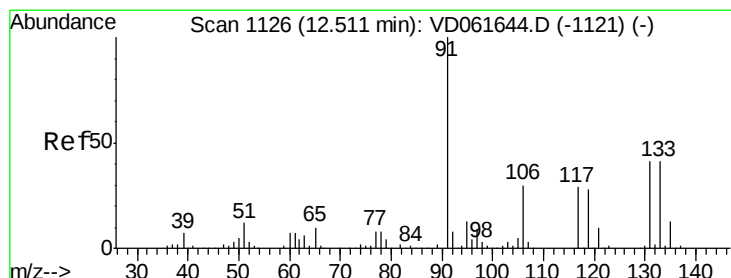
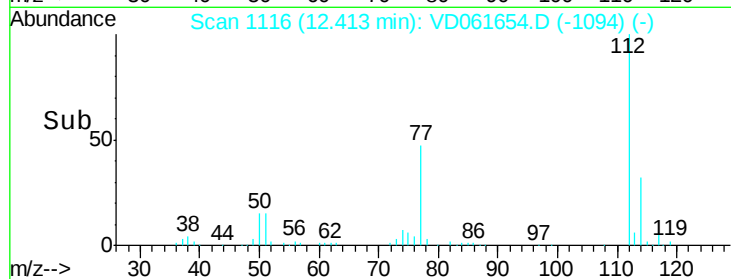
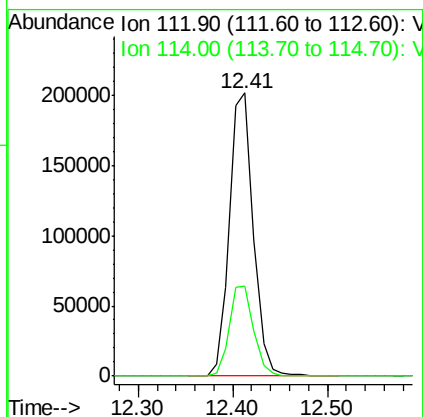
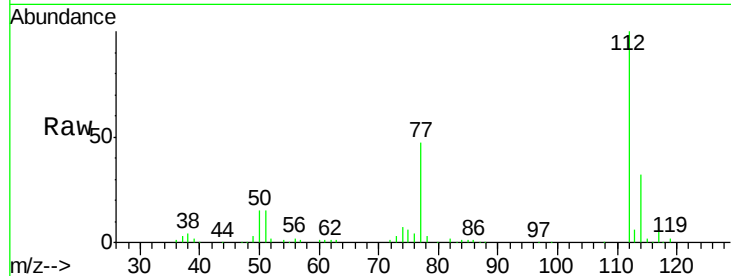




#65
Chlorobenzene
Concen: 19.898 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.02 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

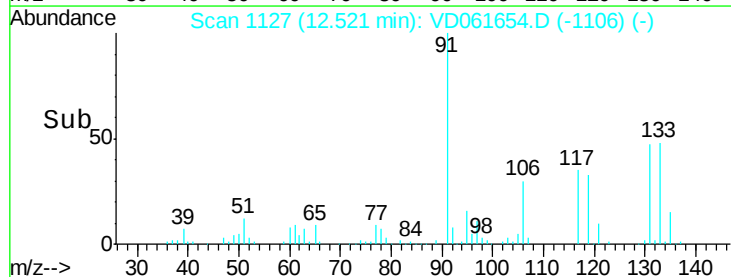
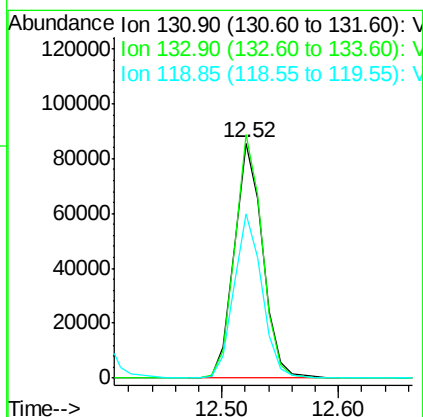
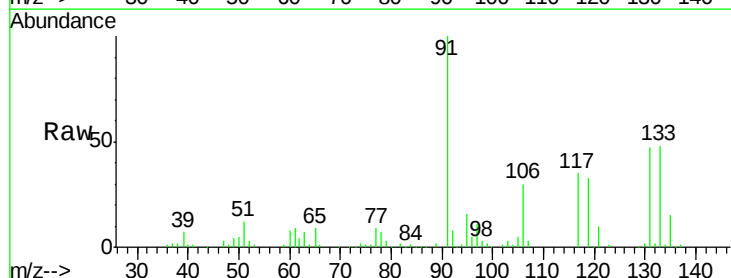
Instrument :
MSVOA_D
ClientSampled :

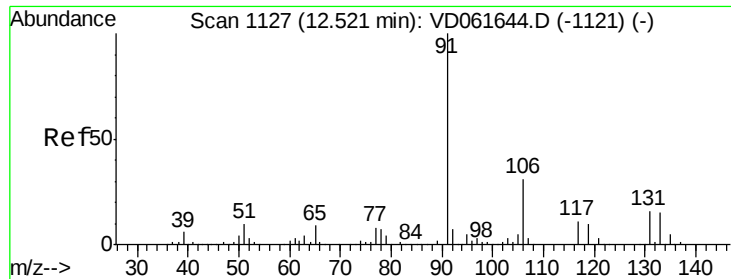
Tot Ion:112 Resp: 352098
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.153 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion:131 Resp: 144030
Ion Ratio Lower Upper
131 100
133 103.7 49.5 148.3
119 69.9 34.7 104.1

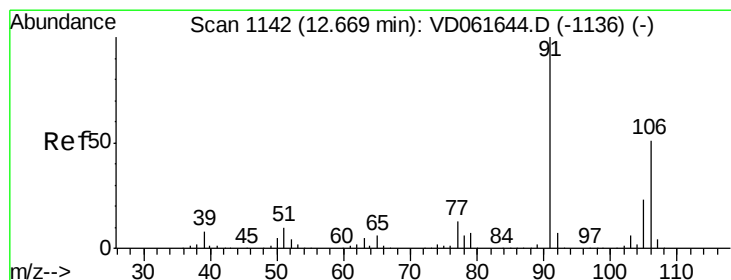
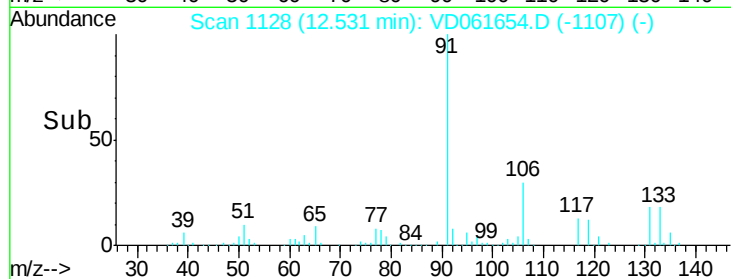
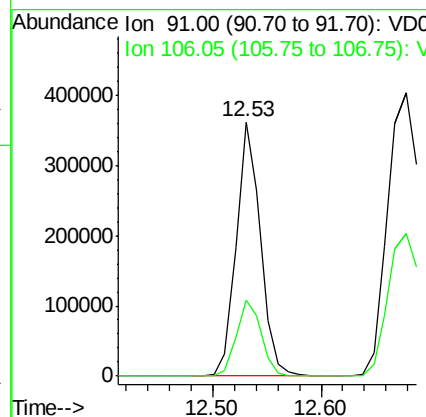
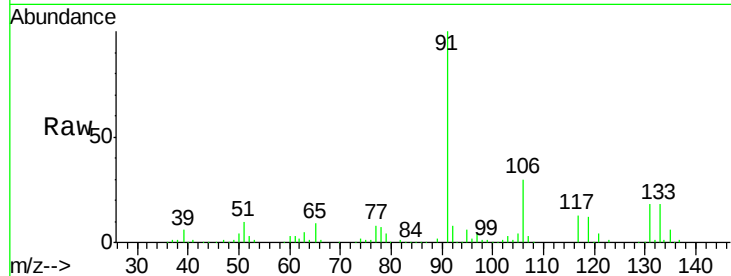




#67
Ethyl Benzene
Concen: 20.898 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

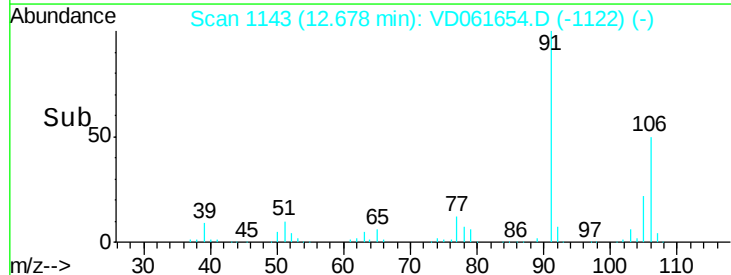
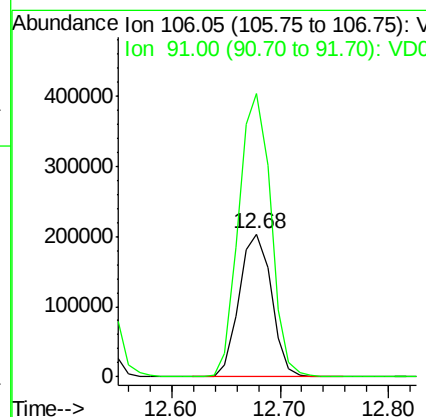
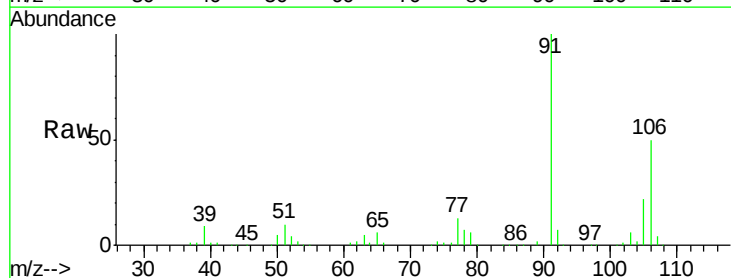
Instrument :
MSVOA_D
ClientSampled :

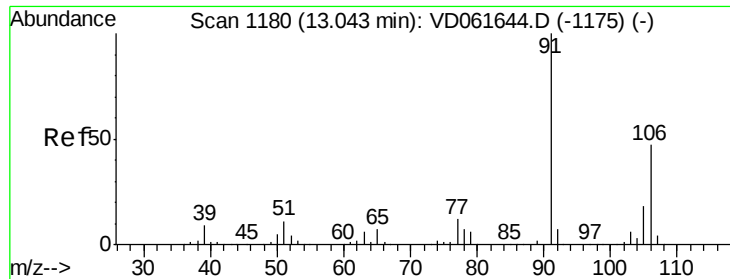
Tot Ion: 91 Resp: 563110
Ion Ratio Lower Upper
91 100
106 29.8 24.6 37.0



#68
m/p-Xylenes
Concen: 40.644 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion:106 Resp: 422210
Ion Ratio Lower Upper
106 100
91 198.4 156.7 235.1

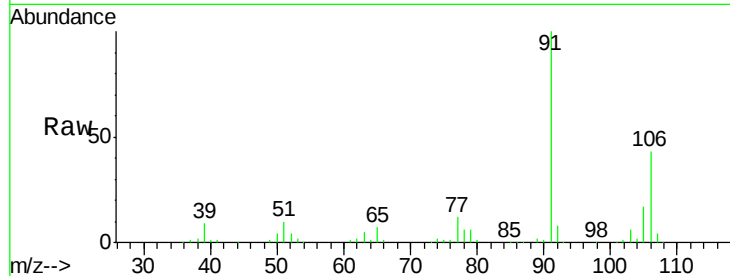




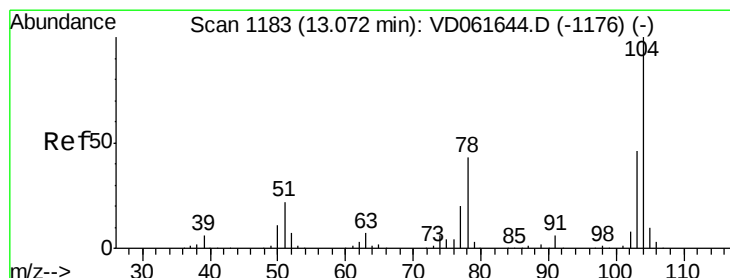
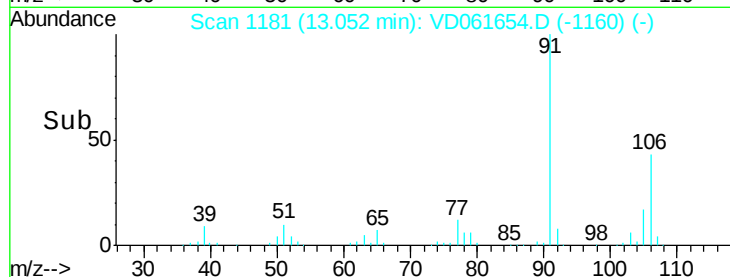
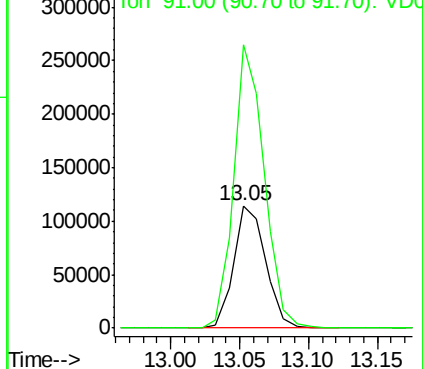
#69
o-Xylene
Concen: 18.378 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion:106 Resp: 184292
Ion Ratio Lower Upper
106 100
91 231.0 107.3 321.9

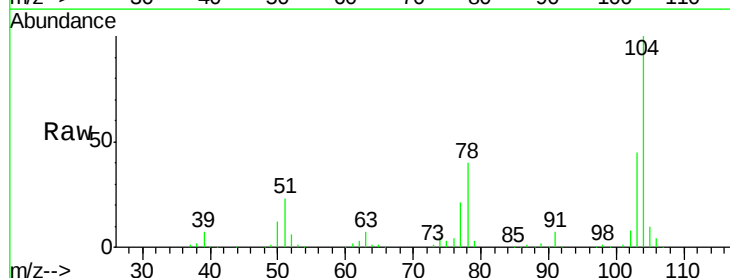


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

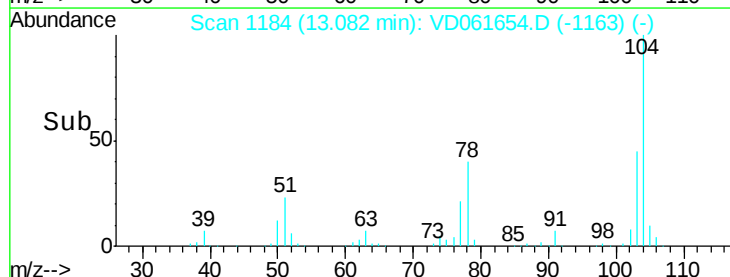
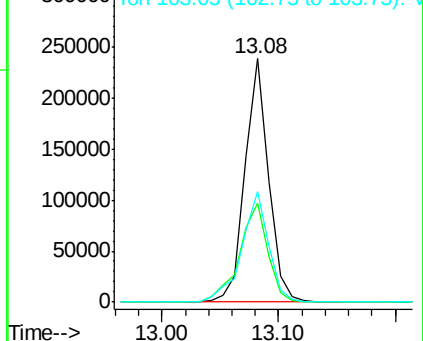


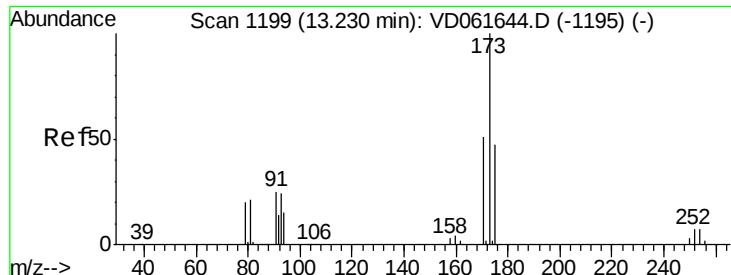
#70
Styrene
Concen: 19.548 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion:104 Resp: 334761
Ion Ratio Lower Upper
104 100
78 40.4 34.2 51.4
103 45.3 37.2 55.8



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: 20.398 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

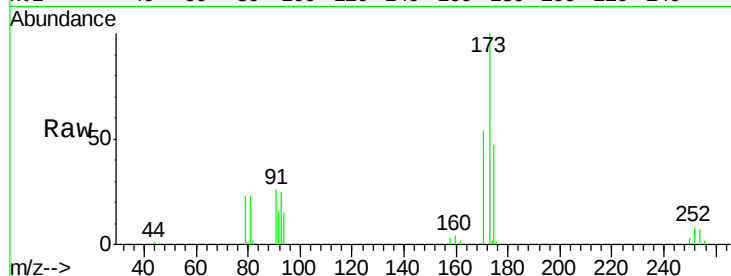
Tot Ion:173 Resp: 86177

Ion Ratio Lower Upper

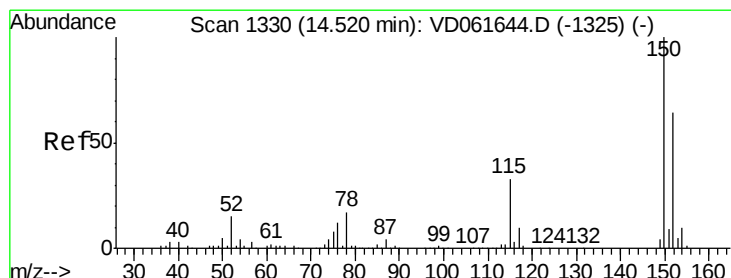
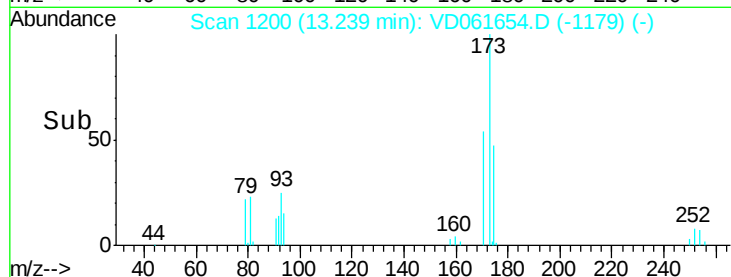
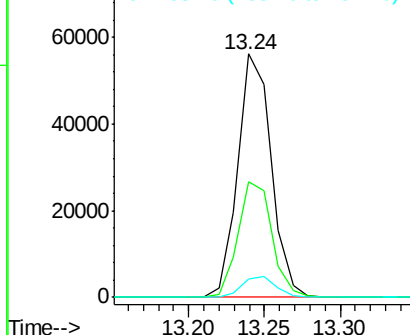
173 100

175 47.4 23.7 71.1

254 7.3 5.8 8.6



Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

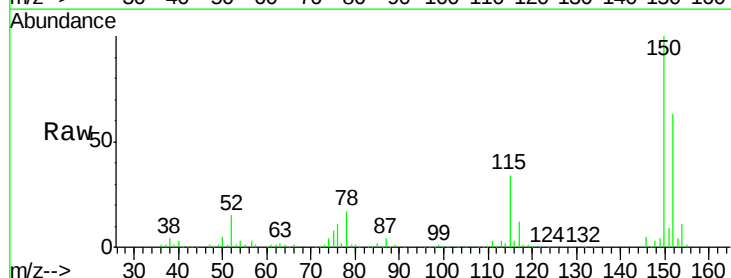
Tgt Ion:152 Resp: 399675

Ion Ratio Lower Upper

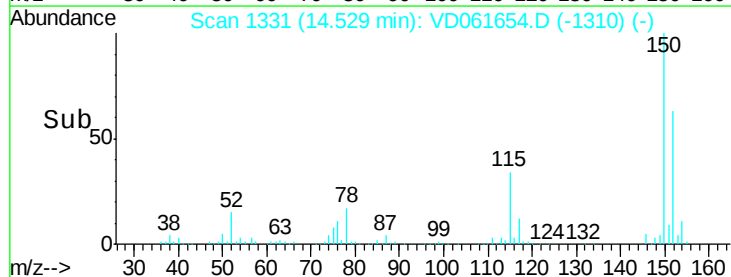
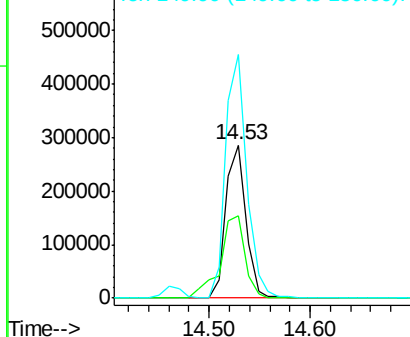
152 100

115 54.0 26.4 79.2

150 158.8 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.743 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

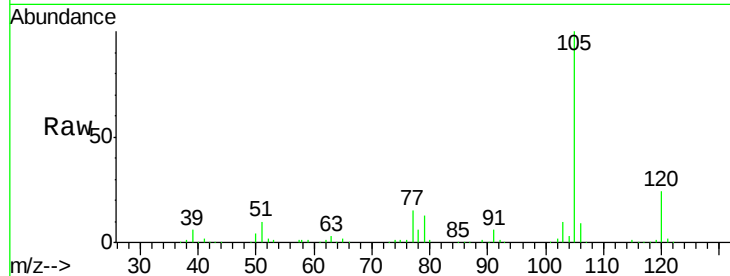
ClientSampleId :

Tot Ion:105 Resp: 499152

Ion Ratio Lower Upper

105 100

120 23.6 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

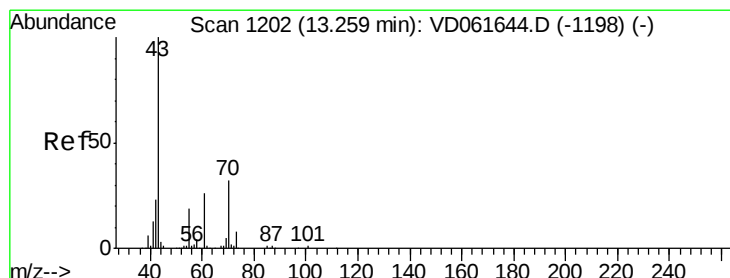
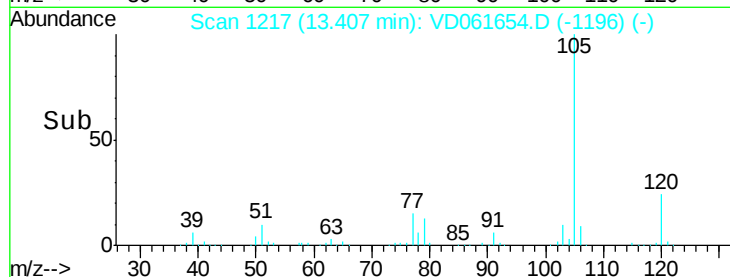
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 20.372 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Tgt Ion: 43 Resp: 147406

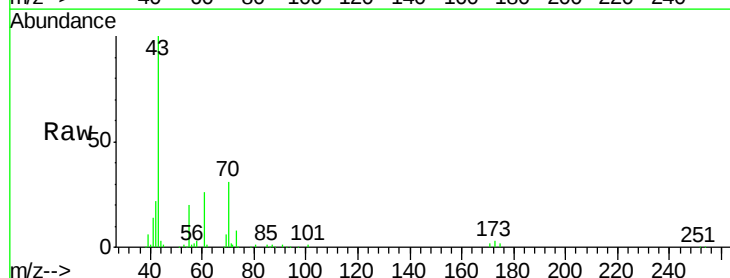
Ion Ratio Lower Upper

43 100

70 31.3 25.4 38.2

55 19.6 15.0 22.4

61 25.8 20.9 31.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

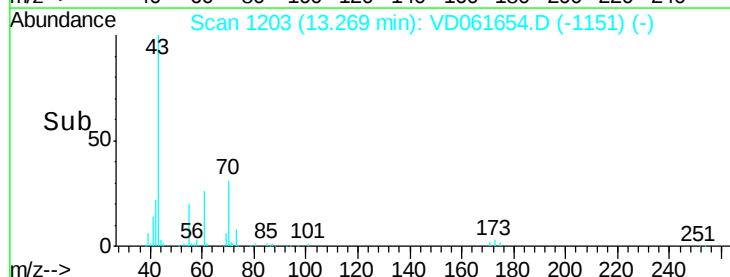
150000

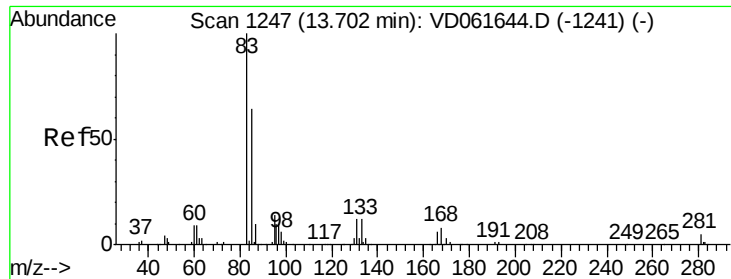
100000

50000

0

Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 20.358 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampled :

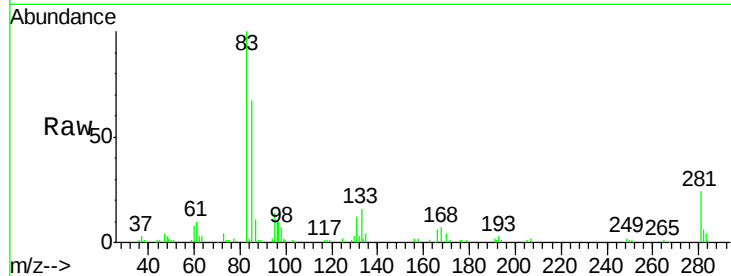
Tot Ion: 83 Resp: 112100

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.6

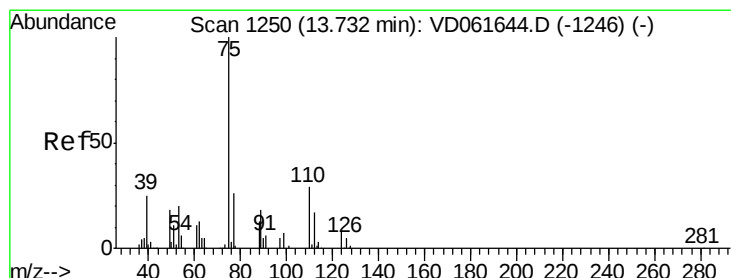
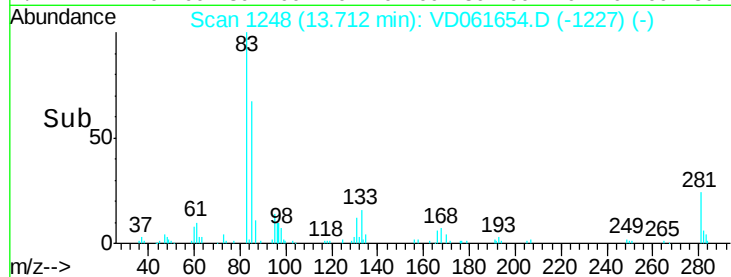
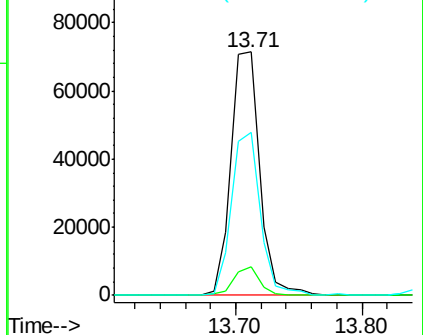
85 66.9 32.0 96.2



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 20.985 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD061654.D

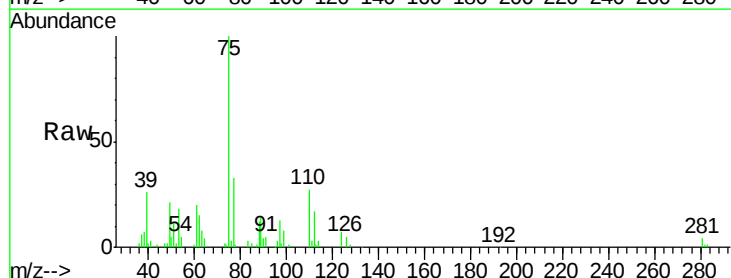
Acq: 8 Apr 2019 16:45

Tgt Ion: 75 Resp: 114110

Ion Ratio Lower Upper

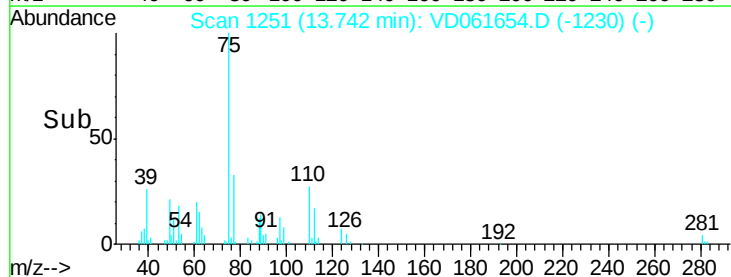
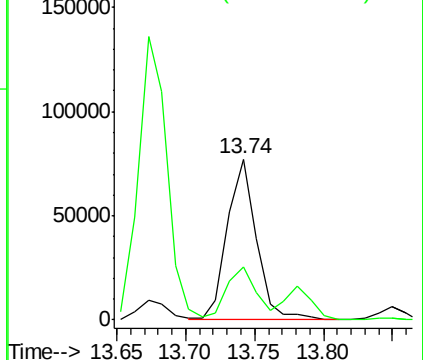
75 100

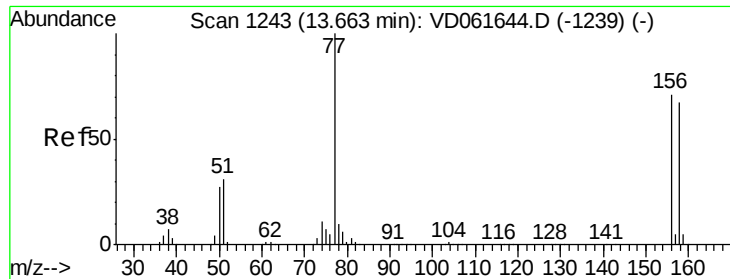
77 32.9 15.7 47.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.168 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VD061654.D

Acq: 8 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

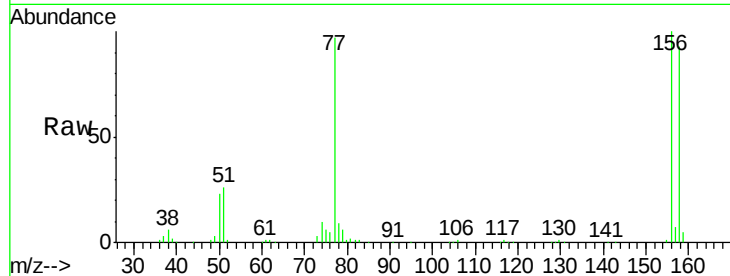
Tot Ion:156 Resp: 163627

Ion Ratio Lower Upper

156 100

77 96.9 70.3 210.8

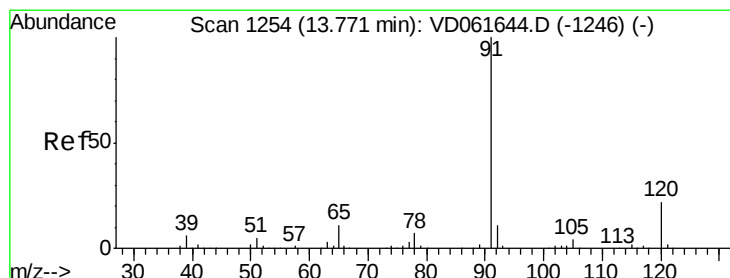
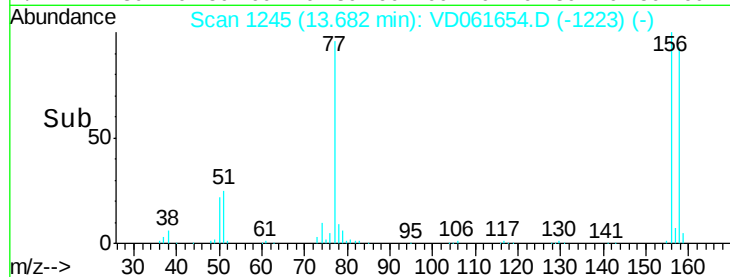
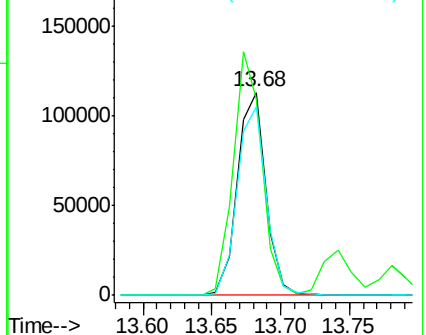
158 93.3 47.4 142.2



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 19.183 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD061654.D

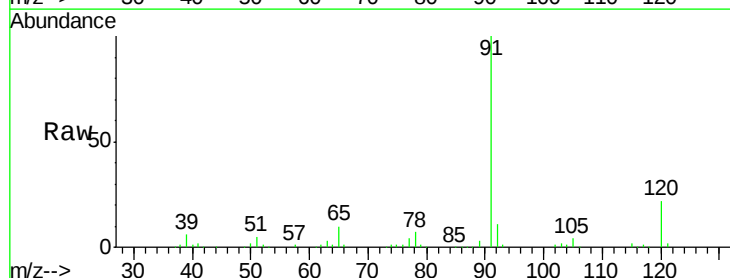
Acq: 8 Apr 2019 16:45

Tgt Ion: 91 Resp: 611082

Ion Ratio Lower Upper

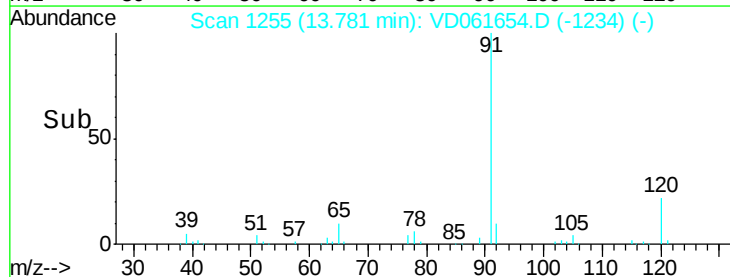
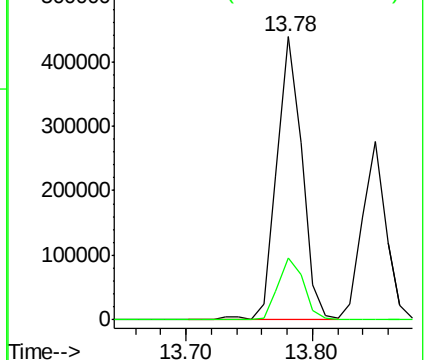
91 100

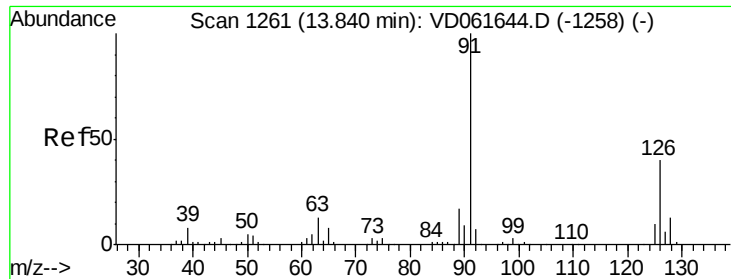
120 22.1 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

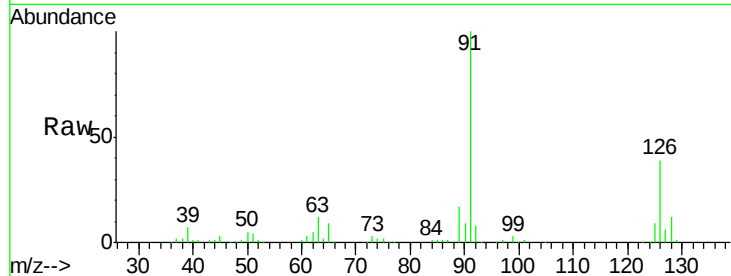




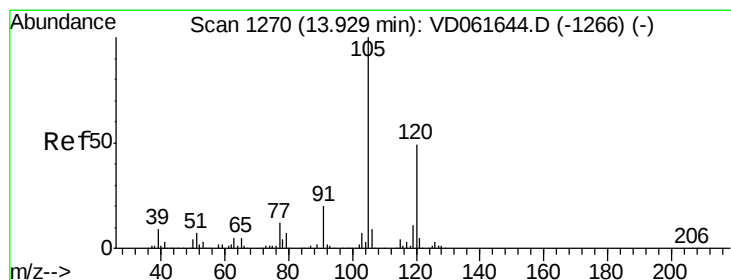
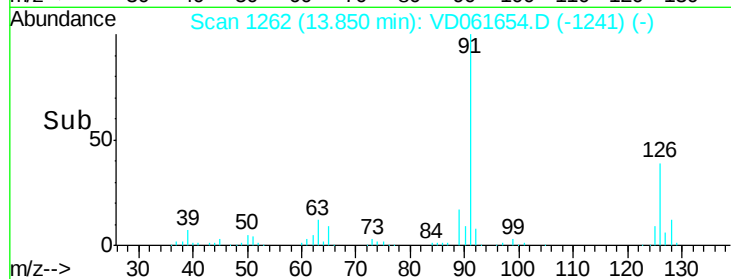
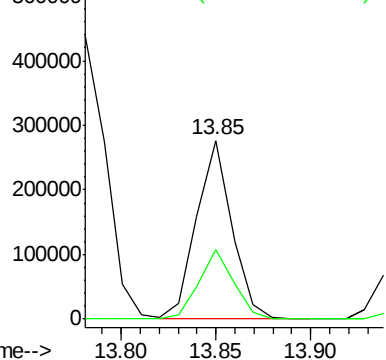
#79
 2-Chlorotoluene
 Concen: 19.458 ug/l
 RT: 13.85 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 91 Resp: 354470
 Ion Ratio Lower Upper
 91 100
 126 38.5 20.0 59.9

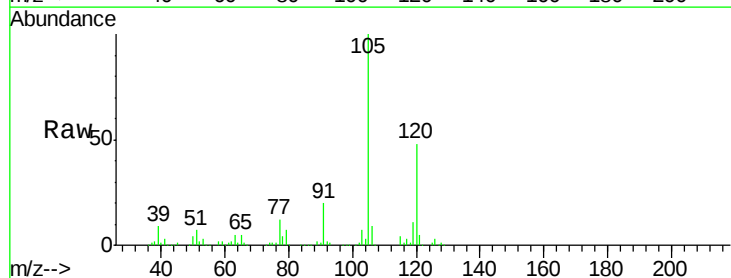


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

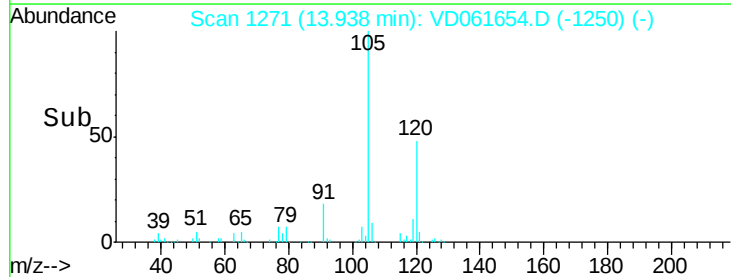
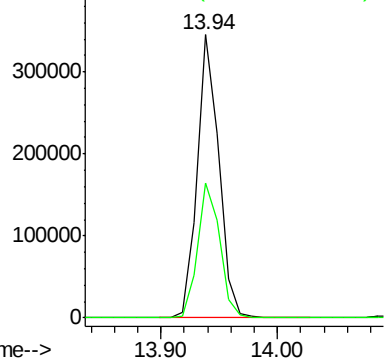


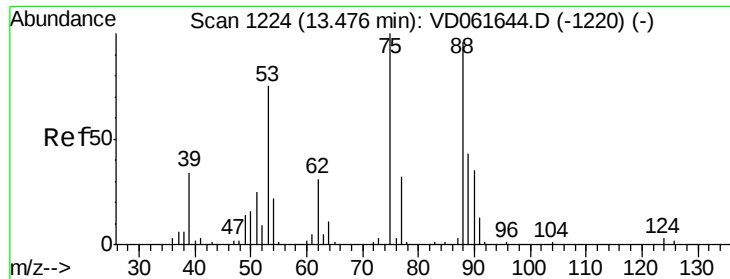
#80
 1,3,5-Trimethylbenzene
 Concen: 21.009 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion: 105 Resp: 444060
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

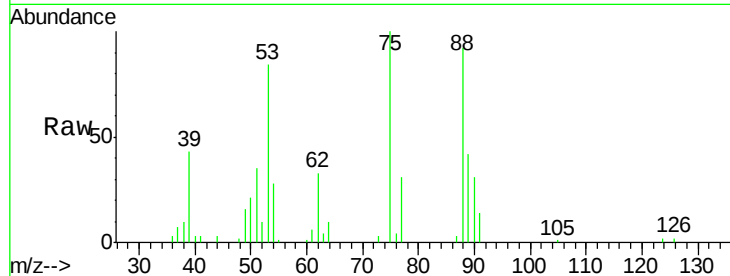




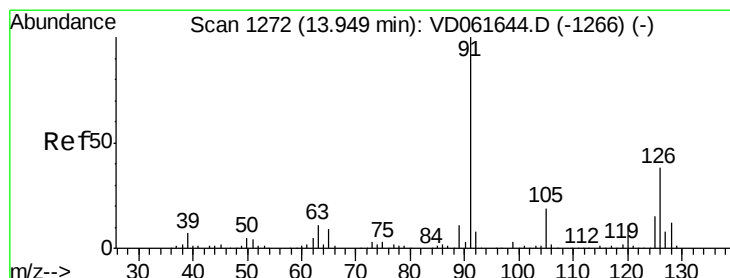
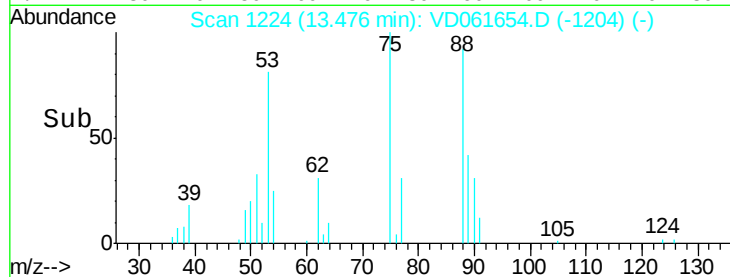
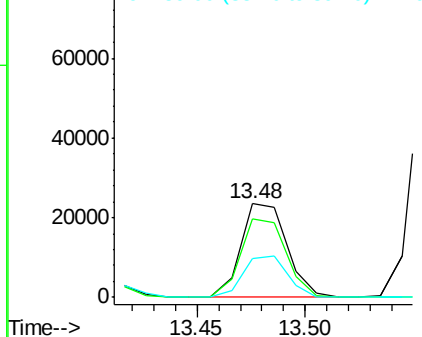
#81
trans-1,4-Dichloro-2-butene
Concen: 20.938 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 34549
Ion Ratio Lower Upper
75 100
53 84.0 60.2 90.2
89 41.8 34.2 51.2

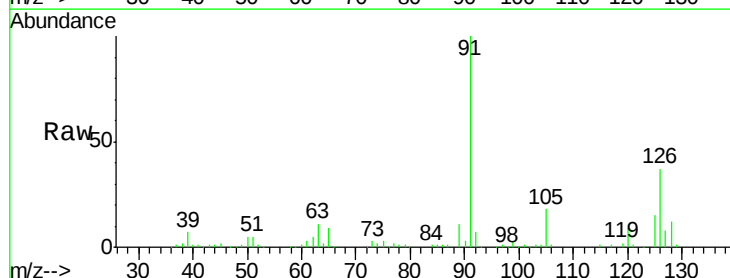


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

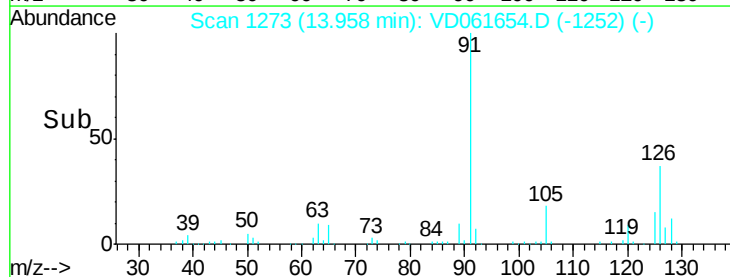
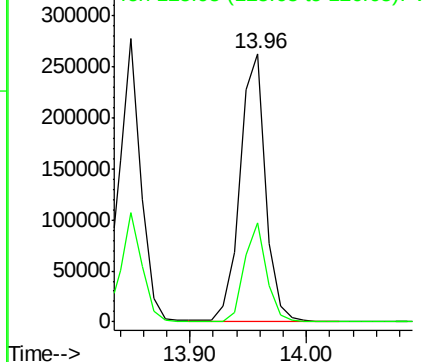


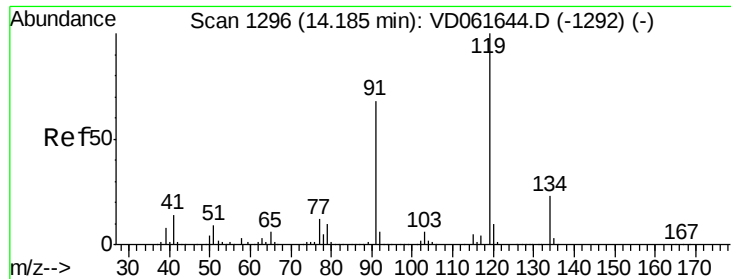
#82
4-Chlorotoluene
Concen: 19.844 ug/l
RT: 13.96 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 91 Resp: 396123
Ion Ratio Lower Upper
91 100
126 37.0 19.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

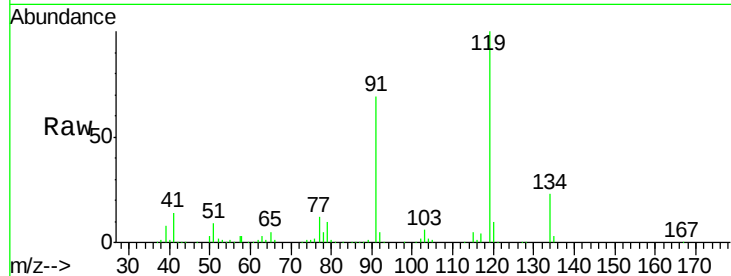




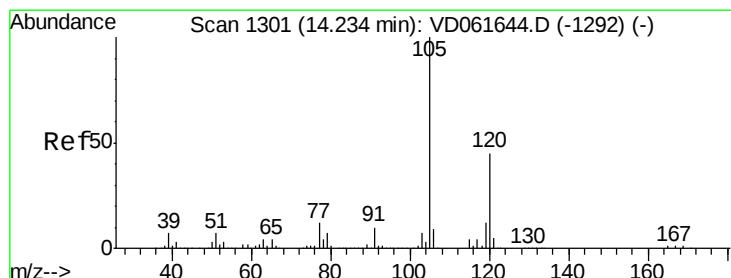
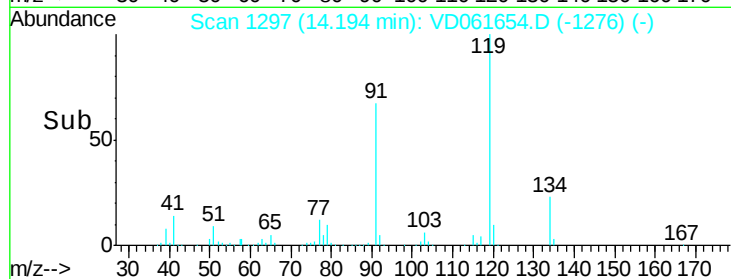
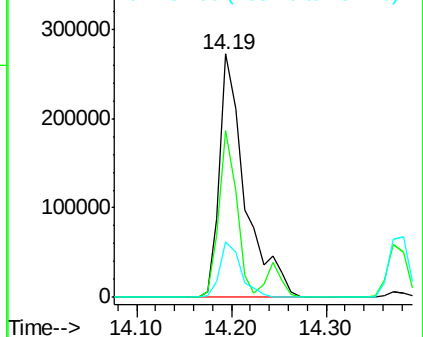
#83
tert-Butylbenzene
Concen: 20.176 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 514190
Ion Ratio Lower Upper
119 100
91 68.7 33.9 101.6
134 22.9 11.6 34.8

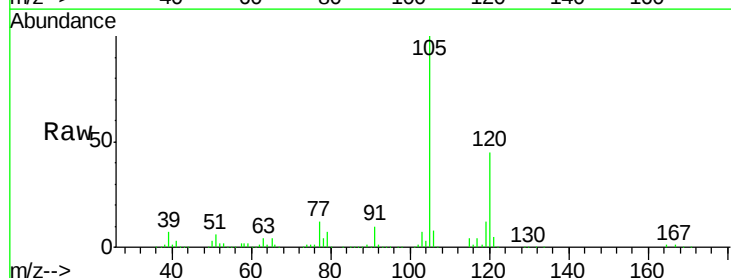


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

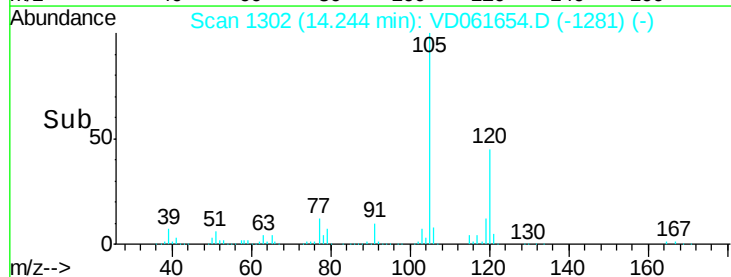
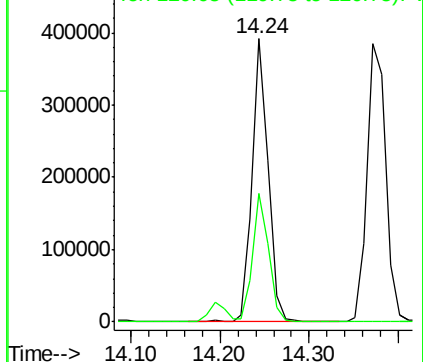


#84
1,2,4-Trimethylbenzene
Concen: 22.678 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion:105 Resp: 483777
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

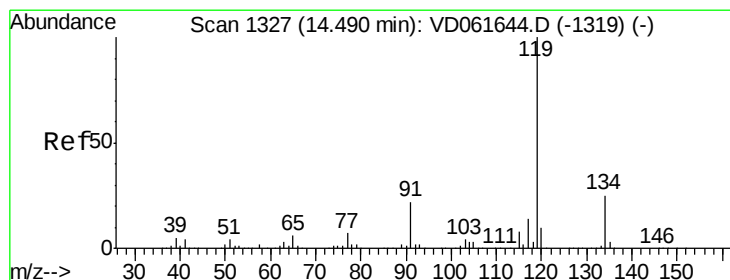
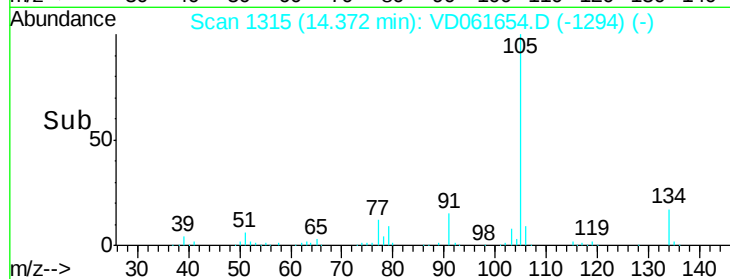
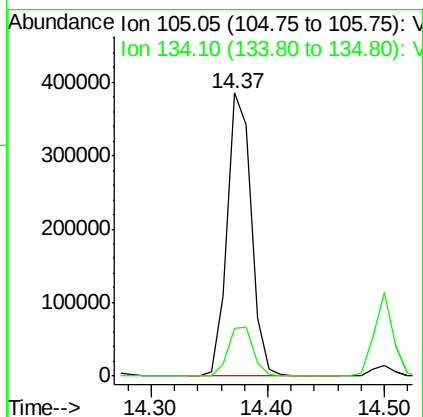
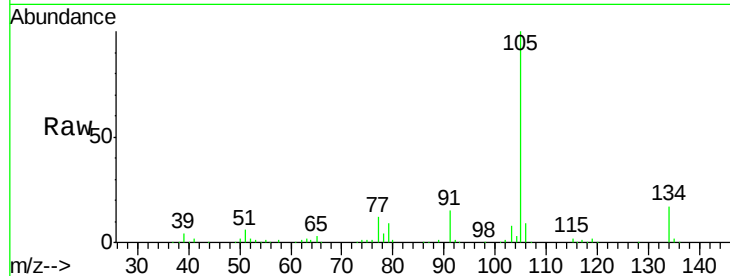




#85
 sec-Butylbenzene
 Concen: 20.026 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

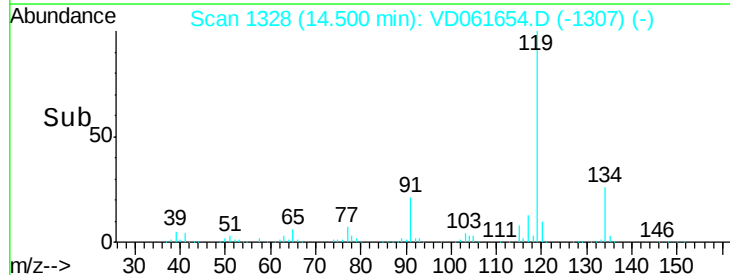
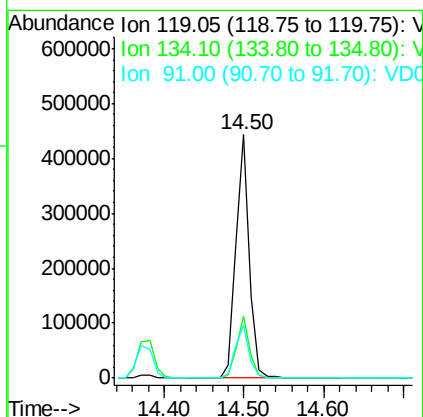
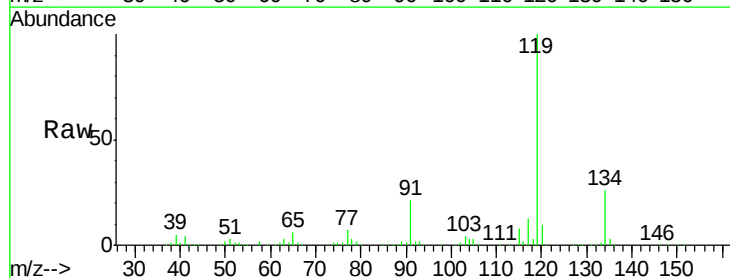
Instrument :
 MSVOA_D
 ClientSampleId :

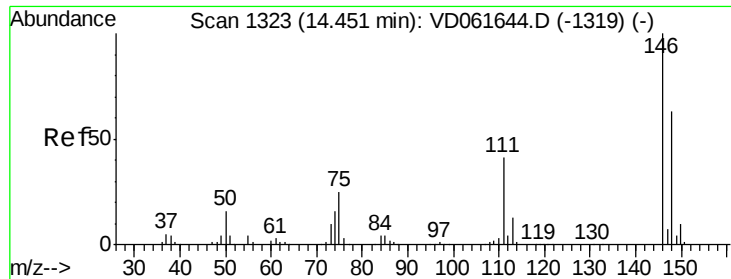
Tot Ion:105 Resp: 551422
 Ion Ratio Lower Upper
 105 100
 134 17.0 8.6 25.7



#86
 p-Isopropyltoluene
 Concen: 21.963 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion:119 Resp: 524627
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.5 37.5
 91 21.5 11.0 33.0

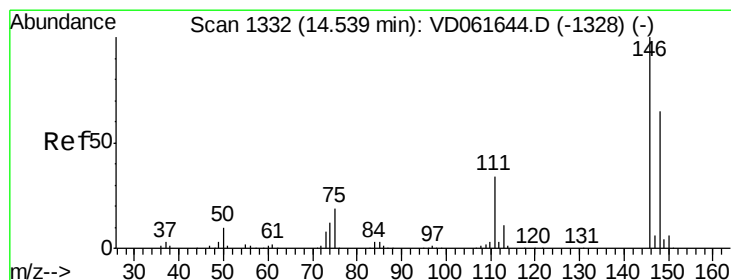
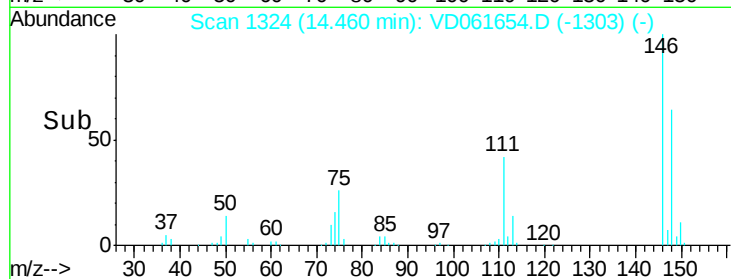
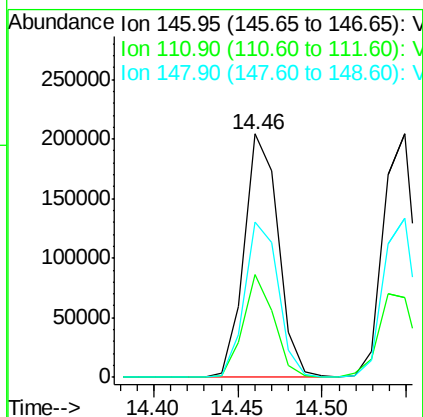
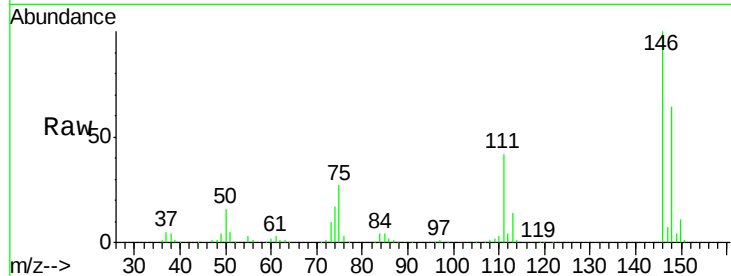




#87
 1,3-Dichlorobenzene
 Concen: 21.555 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

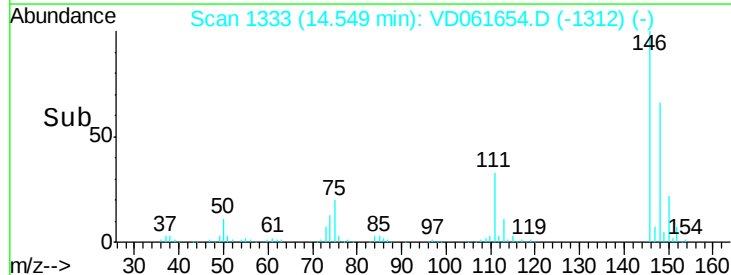
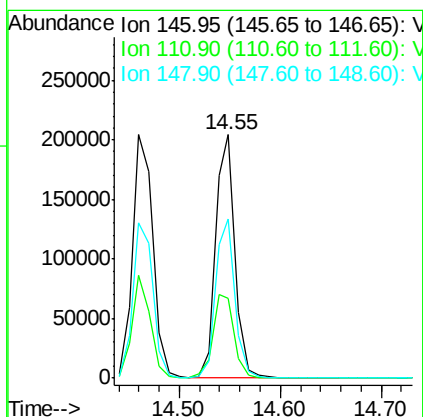
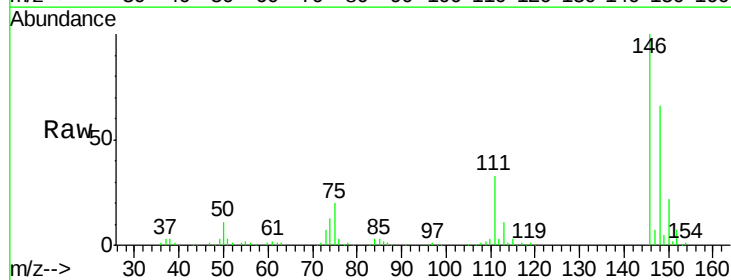
Instrument :
 MSVOA_D
 ClientSampleId :

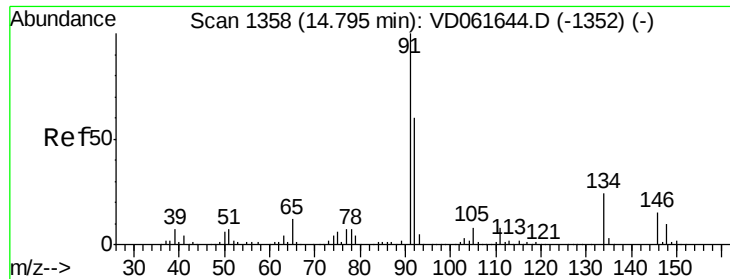
Tot Ion:146 Resp: 286756
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.3 61.0
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.500 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion:146 Resp: 275176
 Ion Ratio Lower Upper
 146 100
 111 32.9 17.1 51.2
 148 65.5 32.6 97.7

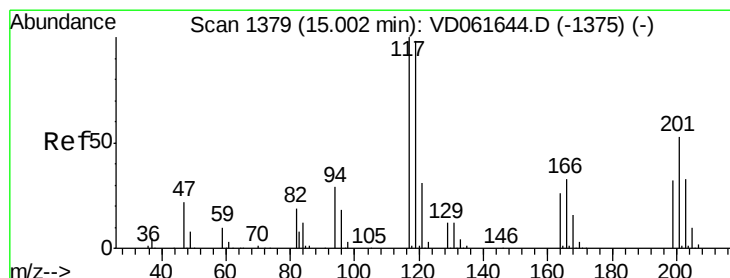
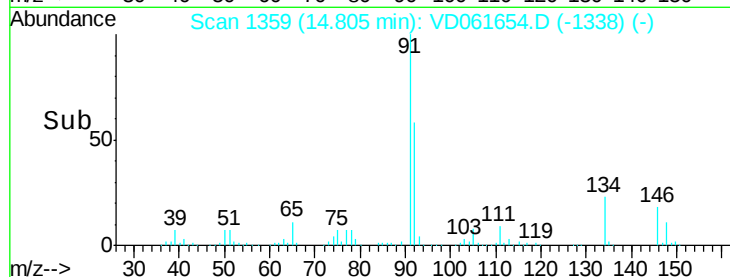
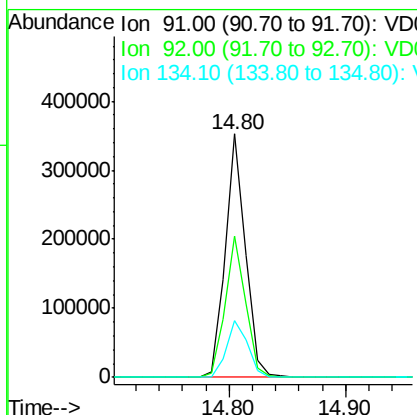
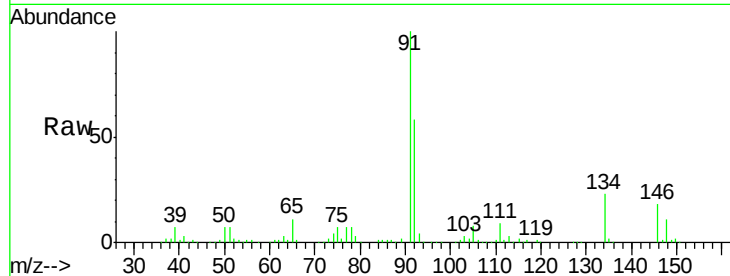




#89
n-Butylbenzene
Concen: 20.302 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

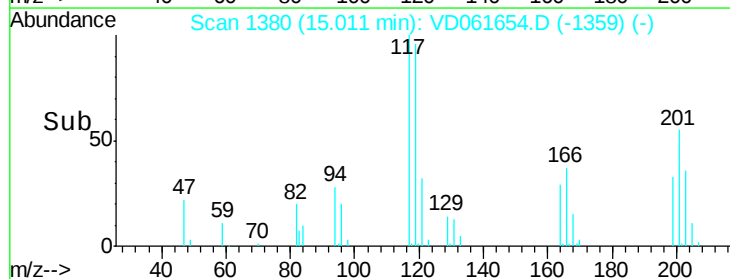
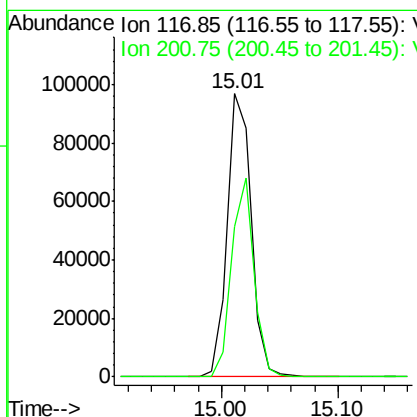
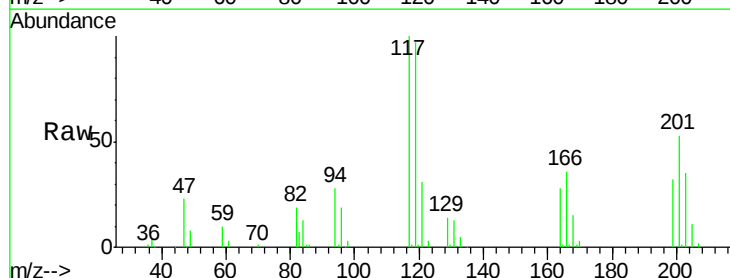
Instrument :
MSVOA_D
ClientSampleId :

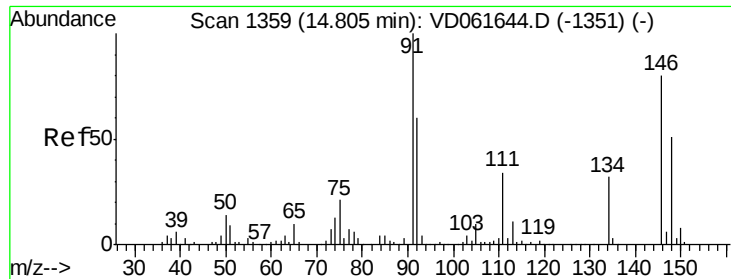
Tot Ion: 91 Resp: 421510
Ion Ratio Lower Upper
91 100
92 58.1 29.8 89.4
134 23.5 12.2 36.4



#90
Hexachloroethane
Concen: 21.339 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion: 117 Resp: 138303
Ion Ratio Lower Upper
117 100
201 52.9 26.3 78.8

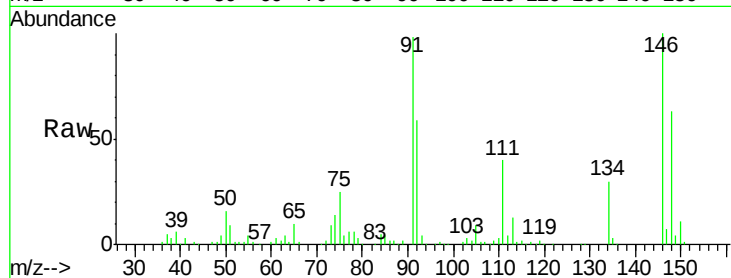




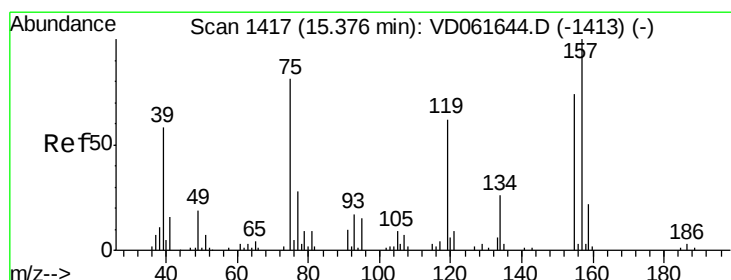
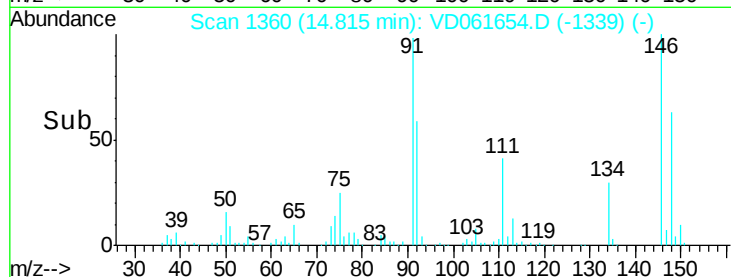
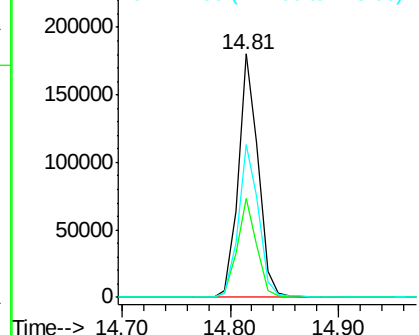
#91
 1,2-Dichlorobenzene
 Concen: 21.041 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 230702
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.1 63.3
 148 62.6 31.7 95.1

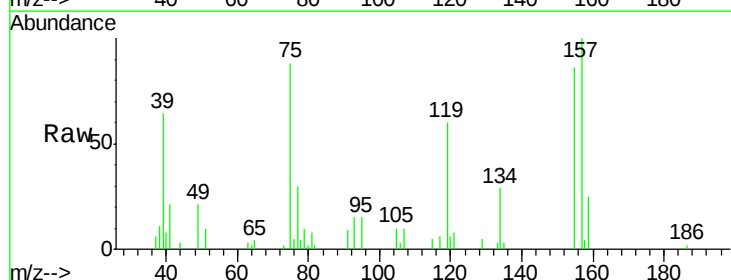


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

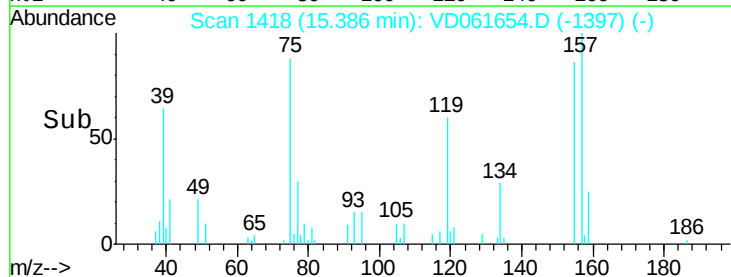
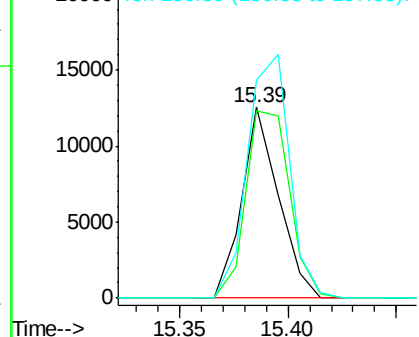


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.282 ug/l
 RT: 15.39 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion: 75 Resp: 14806
 Ion Ratio Lower Upper
 75 100
 155 98.2 45.6 136.7
 157 113.9 61.4 184.2



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

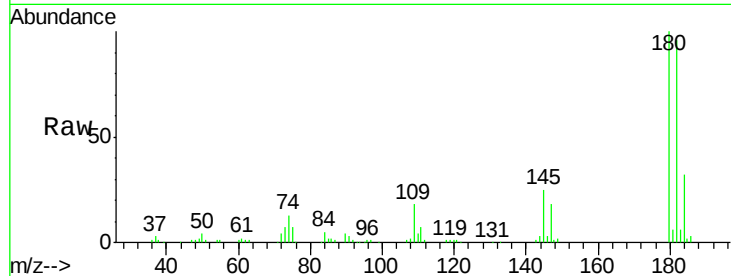




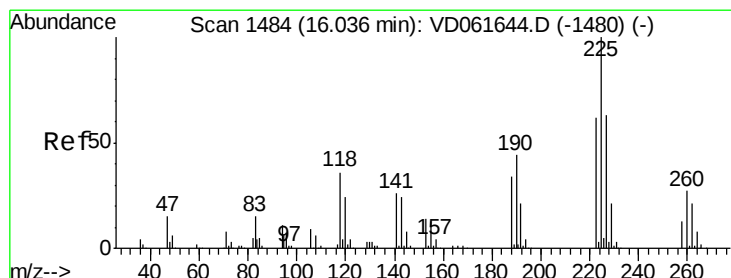
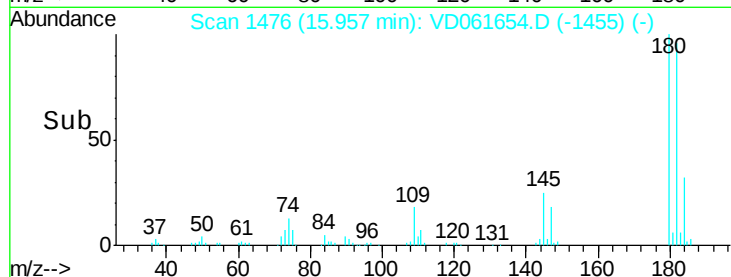
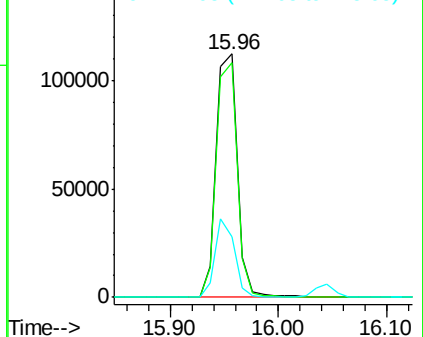
#93
 1,2,4-Trichlorobenzene
 Concen: 27.365 ug/l
 RT: 15.96 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 152861
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.8 143.3
 145 24.9 13.3 39.8

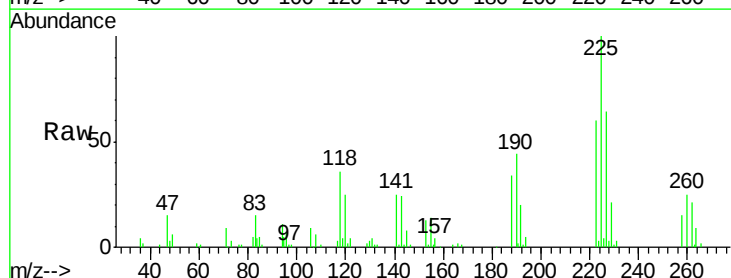


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

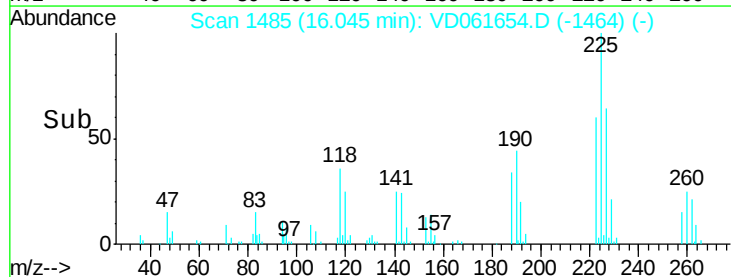
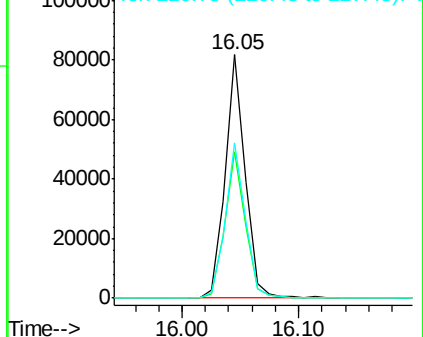


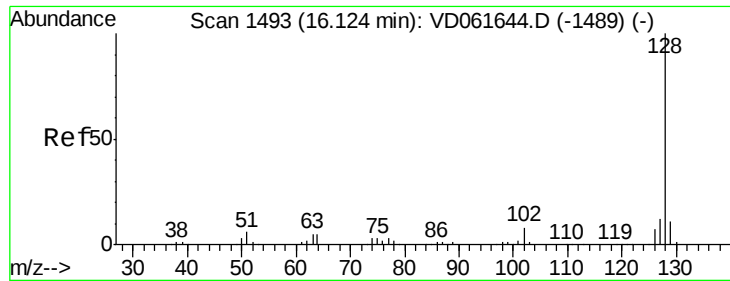
#94
 Hexachlorobutadiene
 Concen: 22.469 ug/l
 RT: 16.05 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061654.D
 Acq: 8 Apr 2019 16:45

Tgt Ion:225 Resp: 96913
 Ion Ratio Lower Upper
 225 100
 223 60.3 30.8 92.3
 227 63.7 31.5 94.5



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

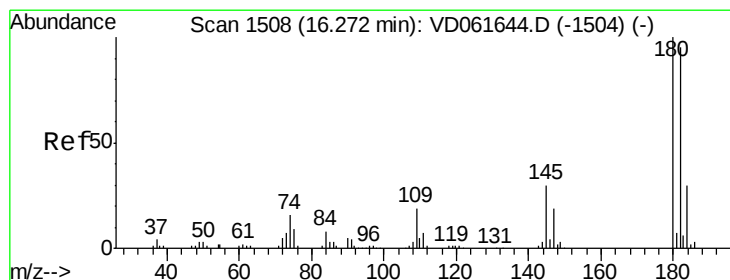
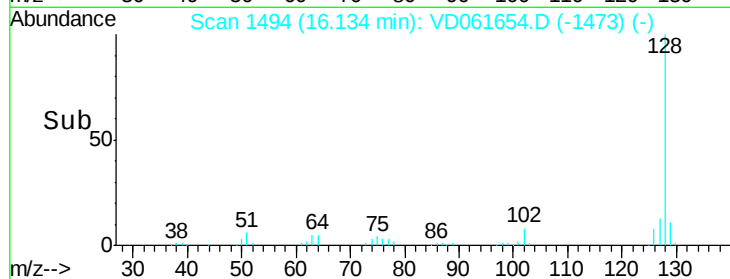
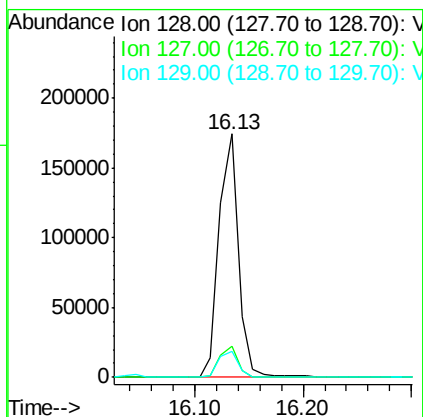
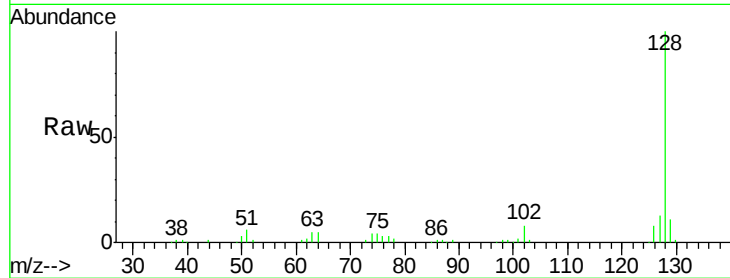




#95
Naphthalene
Concen: 24.783 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 219051
Ion Ratio Lower Upper
128 100
127 12.7 9.4 14.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 33.920 ug/l
RT: 16.28 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VD061654.D
Acq: 8 Apr 2019 16:45

Tgt Ion:180 Resp: 94565
Ion Ratio Lower Upper
180 100
182 92.4 47.3 142.0
145 29.3 15.1 45.3

