

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD61758.D
 Acq On : 12 Apr 2019 1:01
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 01:36:57 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	7.03	168	500566	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	791117	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.35	117	629289	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	308459	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	179616	47.34	ug/l	-0.02
Spiked Amount			Recovery	=	94.68%	
35) Dibromofluoromethane	6.91	113	275387	50.25	ug/l	-0.01
Spiked Amount			Recovery	=	100.50%	
50) Toluene-d8	10.39	98	586667	42.61	ug/l	-0.01
Spiked Amount			Recovery	=	85.22%	
62) 4-Bromofluorobenzene	13.54	95	248046	51.59	ug/l	-0.01
Spiked Amount			Recovery	=	103.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	275473	51.011	ug/l	97
3) Chloromethane	1.74	50	202513	46.406	ug/l	97
4) Vinyl Chloride	1.84	62	211023	51.749	ug/l	98
5) Bromomethane	2.14	94	53108	56.268	ug/l	99
6) Chloroethane	2.25	64	78956	61.819	ug/l	98
7) Trichlorofluoromethane	2.52	101	336568	54.664	ug/l	99
8) Diethyl Ether	2.85	74	98655	57.094	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	302272	49.936	ug/l	97
10) Methyl Iodide	3.30	142	494111	54.391	ug/l	96
11) Tert butyl alcohol	4.03	59	73825	290.321	ug/l	98
12) 1,1-Dichloroethene	3.12	96	251552	48.206	ug/l	96
13) Acrolein	3.02	56	72270	233.106	ug/l	100
14) Allyl chloride	3.60	41	387515	54.447	ug/l	99
15) Acrylonitrile	4.16	53	228511	261.054	ug/l	97
16) Acetone	3.20	43	256503	226.147	ug/l	97
17) Carbon Disulfide	3.36	76	796568	46.979	ug/l	99
18) Methyl Acetate	3.62	43	126329	59.199	ug/l	94
19) Methyl tert-butyl Ether	4.21	73	520344	57.589	ug/l	97
20) Methylene Chloride	3.80	84	316204	49.129	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	290153	51.194	ug/l	96
22) Diisopropyl ether	5.09	45	838703	56.205	ug/l	93
23) Vinyl Acetate	5.03	43	2378816	288.907	ug/l	100
24) 1,1-Dichloroethane	4.96	63	508011	55.555	ug/l	100
25) 2-Butanone	6.04	43	355550	271.915	ug/l	100
26) 2,2-Dichloropropane	6.00	77	396446	53.245	ug/l	99
27) cis-1,2-Dichloroethene	6.01	96	339047	56.074	ug/l	96
28) Bromochloromethane	6.42	49	187454	55.572	ug/l	93
29) Tetrahydrofuran	6.43	42	176381	279.432	ug/l	98
30) Chloroform	6.64	83	556822	58.127	ug/l	99
31) Cyclohexane	6.94	56	351451	49.198	ug/l	100
32) 1,1,1-Trichloroethane	6.85	97	467612	55.704	ug/l	98
36) 1,1-Dichloropropene	7.13	75	361369	52.193	ug/l	99
37) Ethyl Acetate	6.16	43	178245	63.205	ug/l	99
38) Carbon Tetrachloride	7.10	117	532704	65.648	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	364055	51.215	ug/l	97
40) Benzene	7.43	78	957980	57.353	ug/l	100
41) Methacrylonitrile	6.43	41	203177	61.716	ug/l #	93
42) 1,2-Dichloroethane	7.56	62	340955	64.906	ug/l	99
43) Isopropyl Acetate	9.22	43	240531	58.769	ug/l	98
44) Trichloroethene	8.52	130	352228	55.005	ug/l	100
45) 1,2-Dichloropropane	8.92	63	244342	58.986	ug/l	98
46) Dibromomethane	9.04	93	186348	62.944	ug/l	99
47) Bromodichloromethane	9.36	83	418739	64.400	ug/l	98
48) Methyl methacrylate	9.10	41	155361	65.852	ug/l	97
49) 1,4-Dioxane	9.06	88	31931	1226.171	ug/l #	87
51) 4-Methyl-2-Pentanone	10.29	43	778076	321.454	ug/l	99
52) Toluene	10.49	92	606329	58.131	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	367111	64.410	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	438357	62.390	ug/l	95
55) 1,1,2-Trichloroethane	11.17	97	214473	60.968	ug/l	98
56) Ethyl methacrylate	11.02	69	226534	61.043	ug/l	97
57) 1,3-Dichloropropane	11.40	76	308230	59.831	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.84	63	495831	283.162	ug/l	99
59) 2-Hexanone	11.52	43	505139	268.907	ug/l	99
60) Dibromochloromethane	11.67	129	347916	62.599	ug/l	100
61) 1,2-Dibromoethane	11.79	107	268458	65.255	ug/l	96
64) Tetrachloroethene	11.24	164	273071	55.903	ug/l	98
65) Chlorobenzene	12.38	112	751231	60.197	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	303176	63.133	ug/l	94
67) Ethyl Benzene	12.51	91	1075304	56.584	ug/l	99
68) m/p-Xylenes	12.66	106	851526	116.228	ug/l	94
69) o-Xylene	13.04	106	423659	59.905	ug/l	97
70) Styrene	13.06	104	673425	55.757	ug/l	98
71) Bromoform	13.23	173	192065	64.461	ug/l #	98
73) Isopropylbenzene	13.40	105	1163767	56.623	ug/l	97
74) N-amyl acetate	13.26	43	323204	57.877	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	240783	56.659	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	237809	56.667	ug/l	96
77) Bromobenzene	13.66	156	342049	57.335	ug/l	86
78) n-propylbenzene	13.77	91	1280594	52.087	ug/l	95
79) 2-Chlorotoluene	13.83	91	700857	49.850	ug/l	92
80) 1,3,5-Trimethylbenzene	13.93	105	828902	50.812	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	69525	54.595	ug/l	91
82) 4-Chlorotoluene	13.94	91	805327	52.274	ug/l	94
83) tert-Butylbenzene	14.18	119	1062426	54.016	ug/l	96
84) 1,2,4-Trimethylbenzene	14.23	105	870035	52.844	ug/l	97
85) sec-Butylbenzene	14.36	105	1155508	54.375	ug/l	97
86) p-Isopropyltoluene	14.48	119	996337	54.046	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	572870	55.797	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	545874	52.693	ug/l	96
89) n-Butylbenzene	14.79	91	930702	58.084	ug/l	97
90) Hexachloroethane	15.00	117	293790	58.733	ug/l	84
91) 1,2-Dichlorobenzene	14.80	146	496567	58.683	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	34189	66.668	ug/l	74

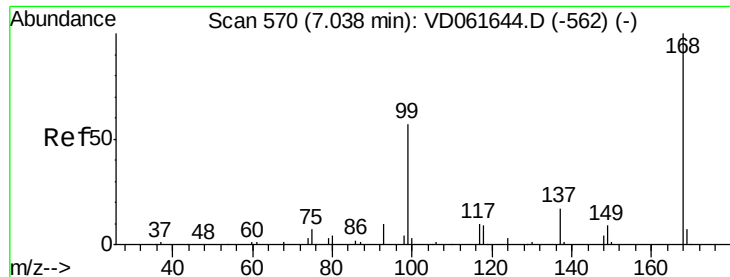
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	261462	60.648	ug/l	96
94) Hexachlorobutadiene	16.03	225	189336	56.877	ug/l	98
95) Naphthalene	16.11	128	430650	63.132	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	142413	66.190	ug/l	97

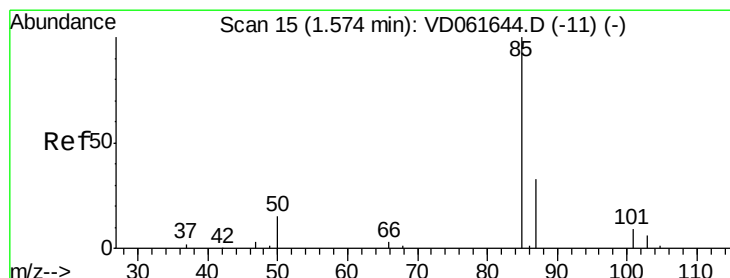
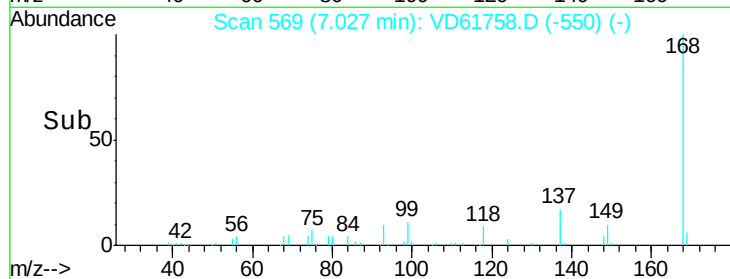
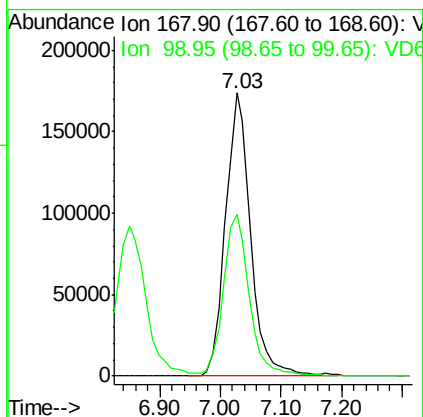
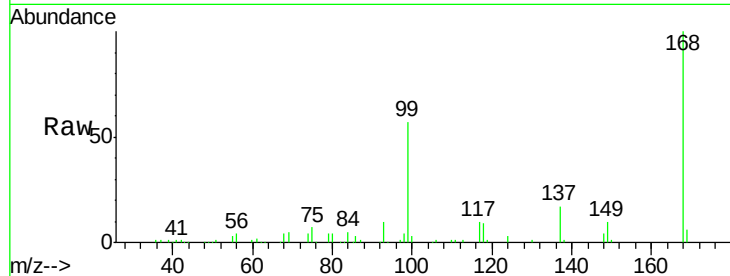
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

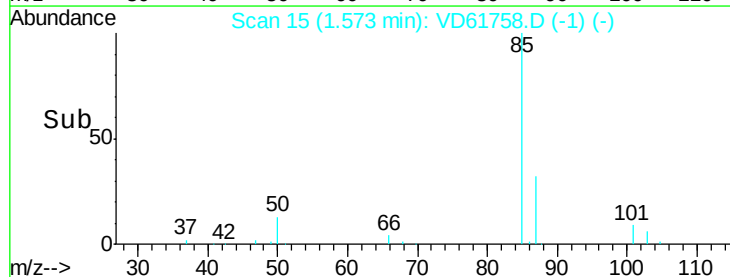
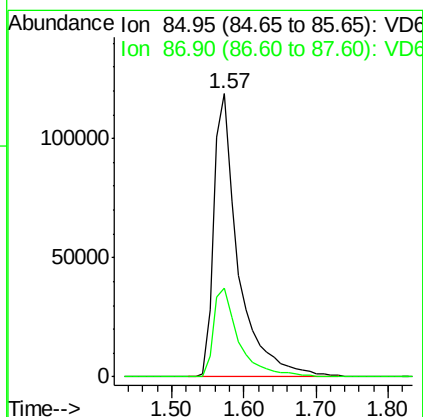
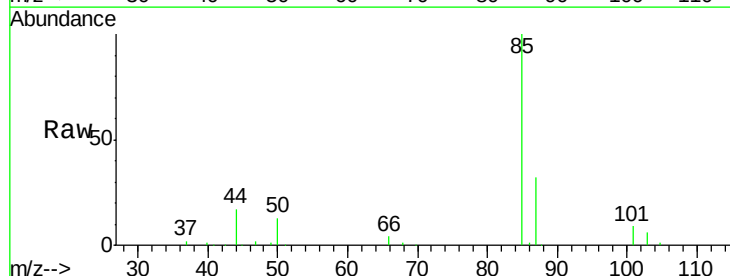
Instrument :
MSVOA_D
ClientSampleId :

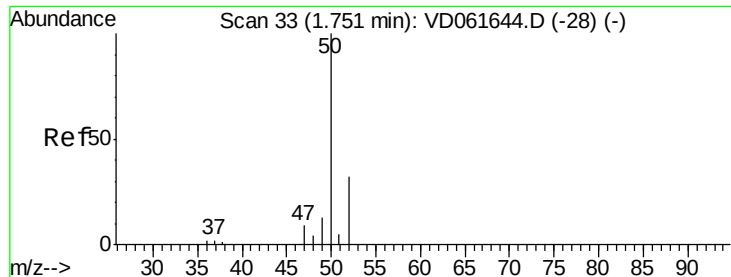
Tot Ion:168 Resp: 500566
Ion Ratio Lower Upper
168 100
99 57.2 46.8 70.2



#2
Dichlorodifluoromethane
Concen: 51.011 ug/l
RT: 1.57 min Scan# 15
Delta R.T. -0.00 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 85 Resp: 275473
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





#3

Chloromethane

Concen: 46.406 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

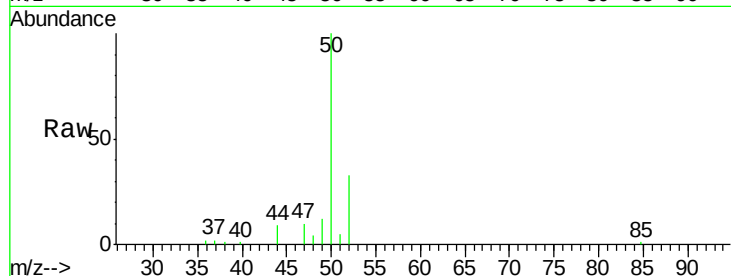
ClientSampleId :

Tot Ion: 50 Resp: 202513

Ion Ratio Lower Upper

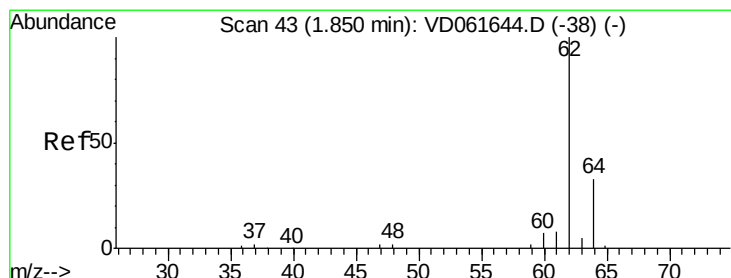
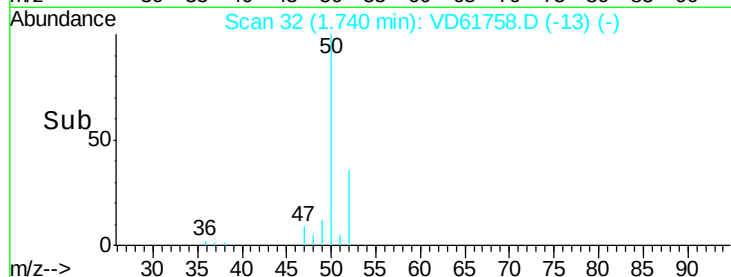
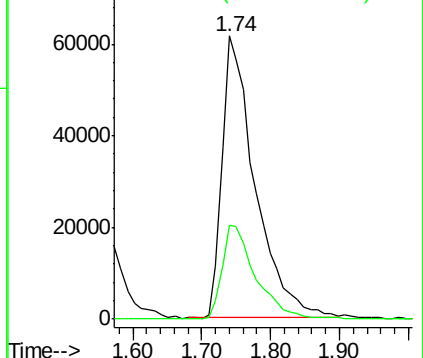
50 100

52 33.2 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VD6

Ion 51.90 (51.60 to 52.60): VD6



#4

Vinyl Chloride

Concen: 51.749 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: VD61758.D

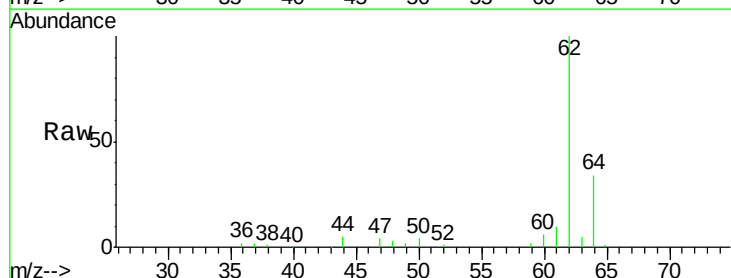
Acq: 12 Apr 2019 1:01

Tgt Ion: 62 Resp: 211023

Ion Ratio Lower Upper

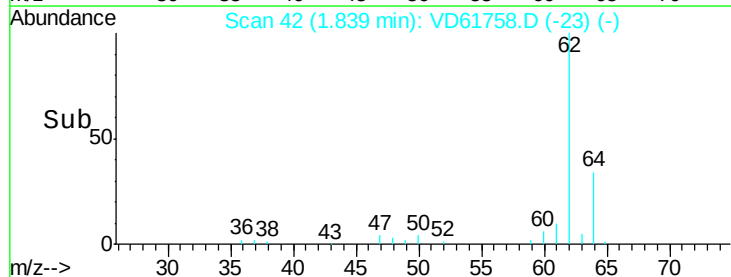
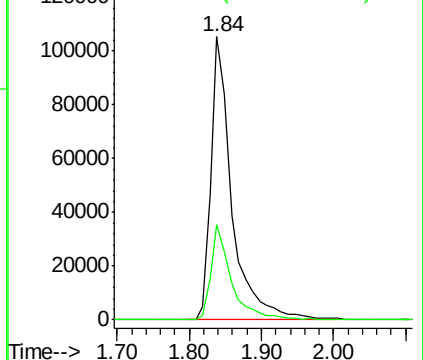
62 100

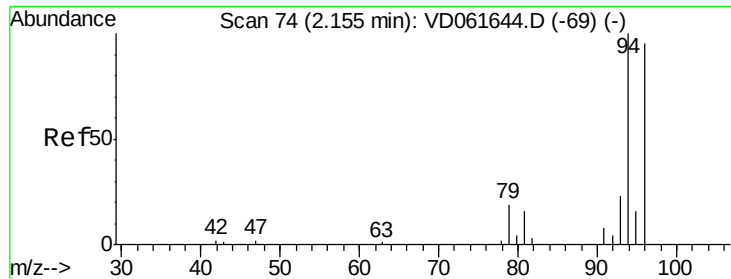
64 33.8 26.2 39.2



Abundance Ion 61.95 (61.65 to 62.65): VD6

Ion 63.95 (63.65 to 64.65): VD6

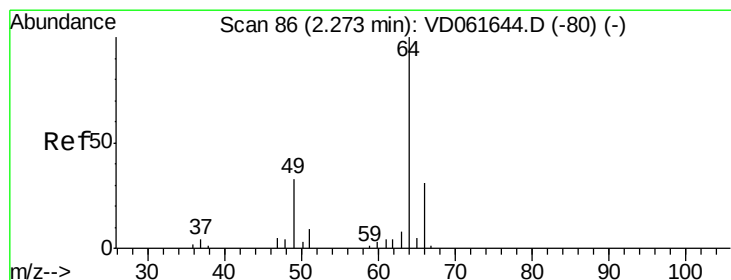
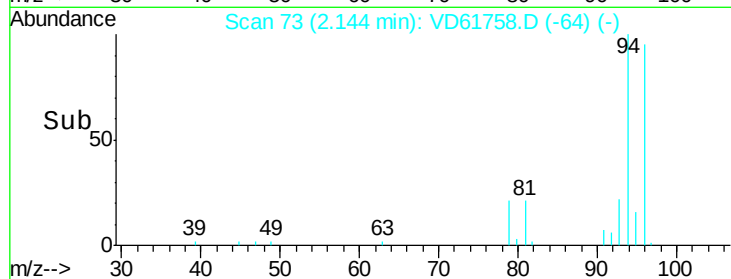
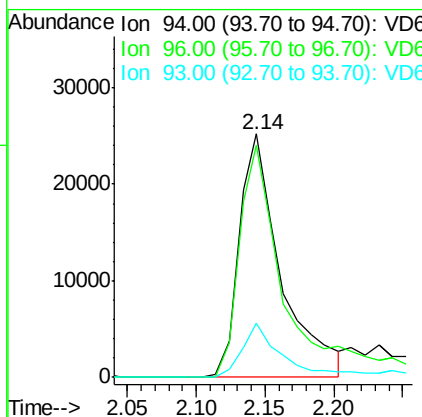
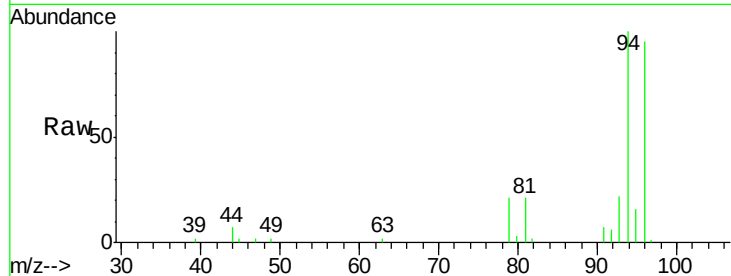




#5
Bromomethane
Concen: 56.268 ug/l
RT: 2.14 min Scan# 73
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

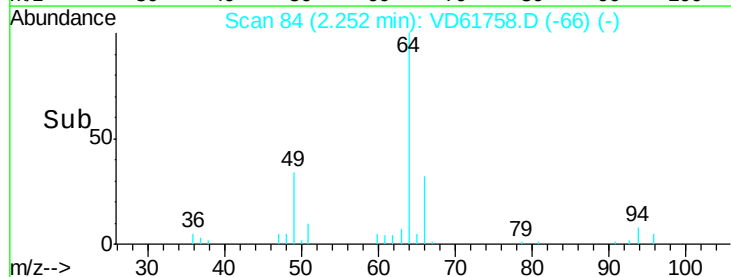
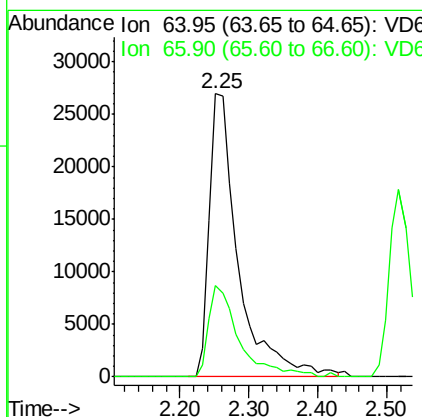
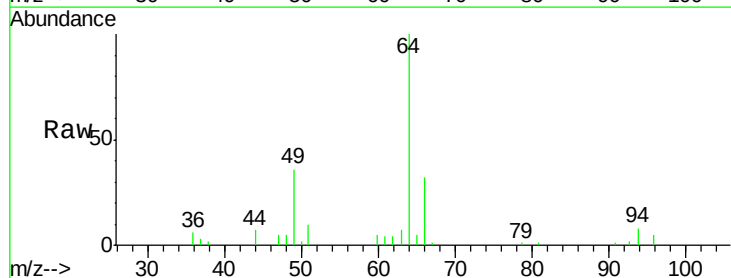
Instrument :
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ClientSampleId :

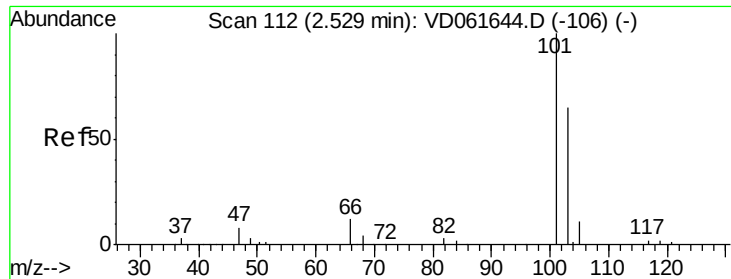
Tot Ion: 94 Resp: 53108
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.8
93 22.2 18.6 28.0



#6
Chloroethane
Concen: 61.819 ug/l
RT: 2.25 min Scan# 84
Delta R.T. -0.02 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 64 Resp: 78956
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3



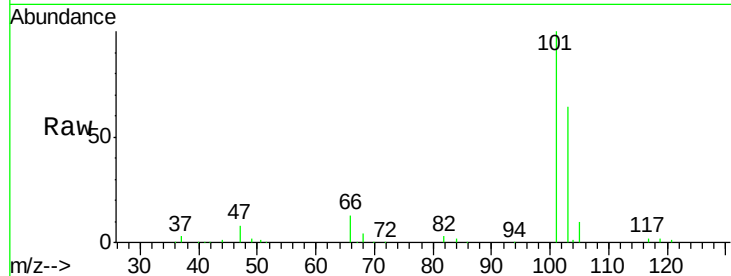


#7

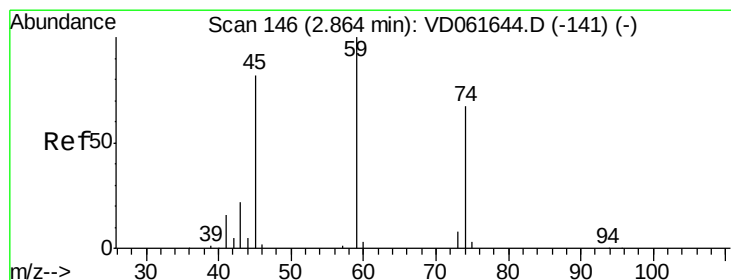
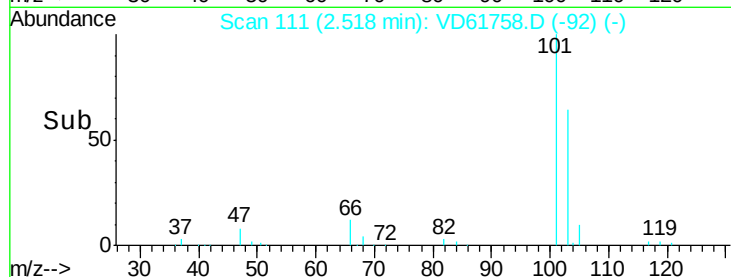
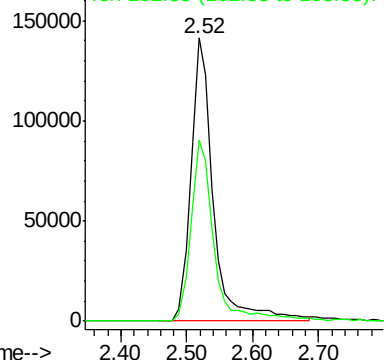
Trichlorofluoromethane
 Concen: 54.664 ug/l
 RT: 2.52 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 336568
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.0 78.0



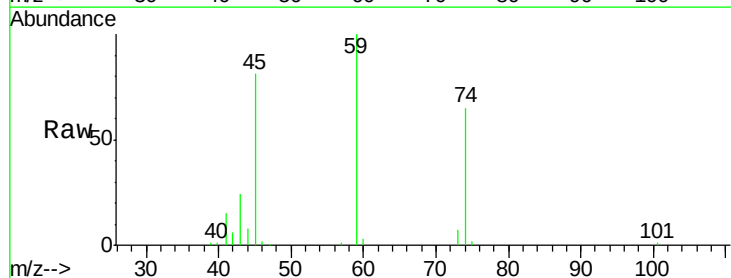
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



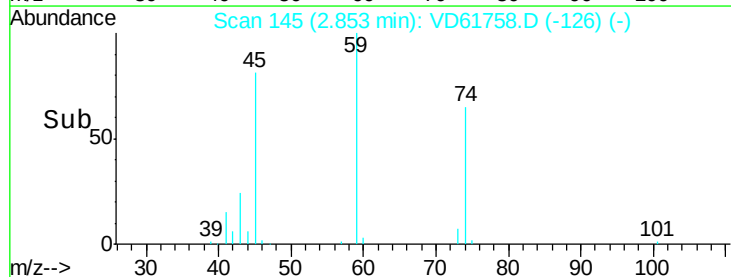
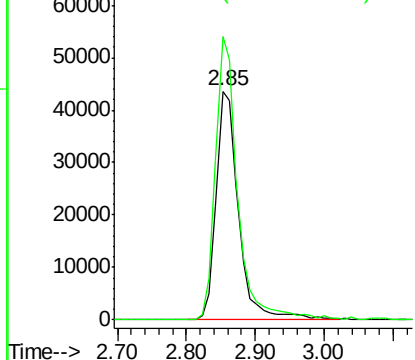
#8

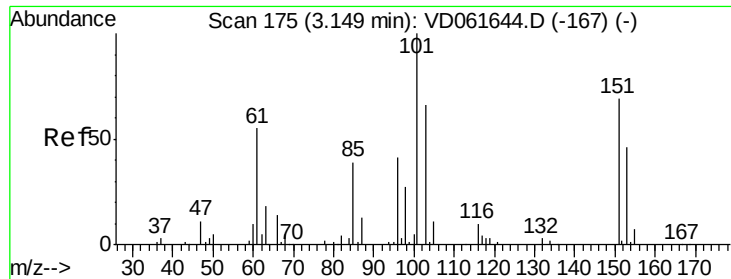
Diethyl Ether
 Concen: 57.094 ug/l
 RT: 2.85 min Scan# 145
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion: 74 Resp: 98655
 Ion Ratio Lower Upper
 74 100
 45 123.9 61.0 183.0



Abundance Ion 74.00 (73.70 to 74.70): VD6
 Ion 45.05 (44.75 to 45.75): VD6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.936 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

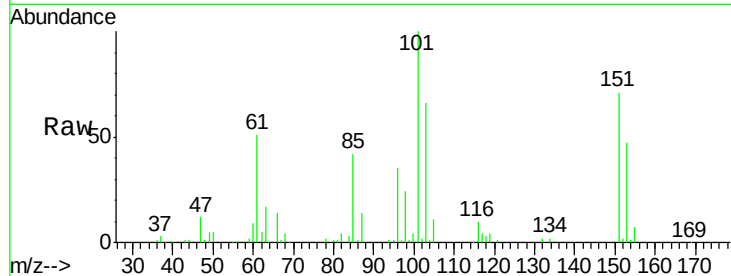
Tot Ion:101 Resp: 302272

Ion Ratio Lower Upper

101 100

85 41.7 31.0 46.6

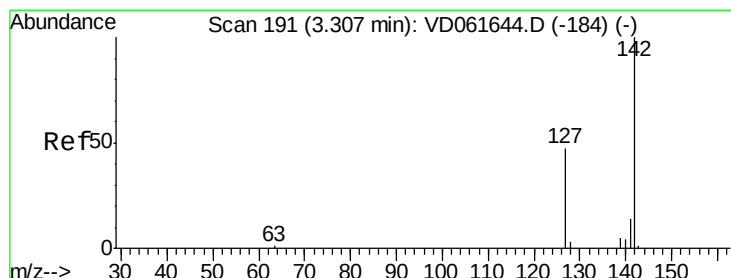
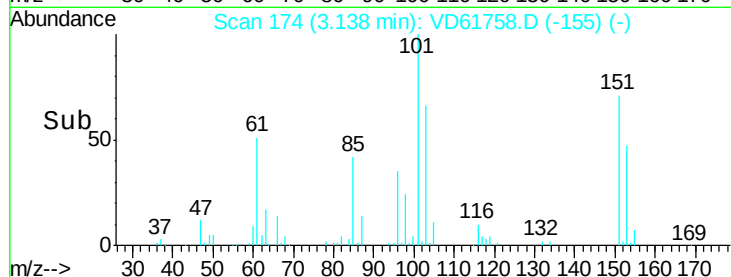
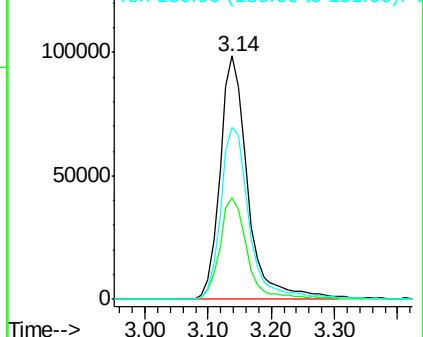
151 70.6 55.3 82.9



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): VD6

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 54.391 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

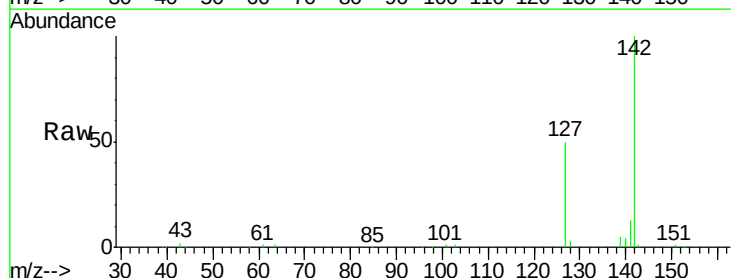
Tgt Ion:142 Resp: 494111

Ion Ratio Lower Upper

142 100

127 49.9 37.2 55.8

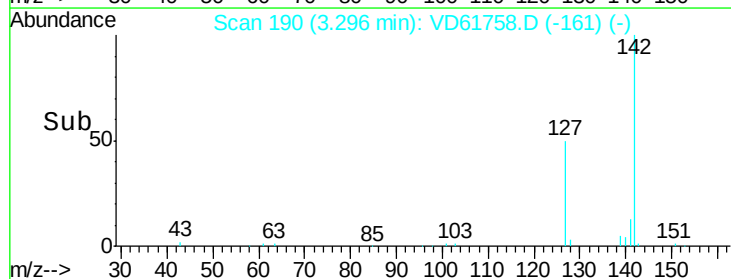
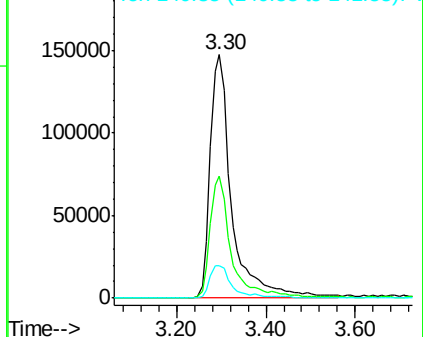
141 13.1 10.8 16.2

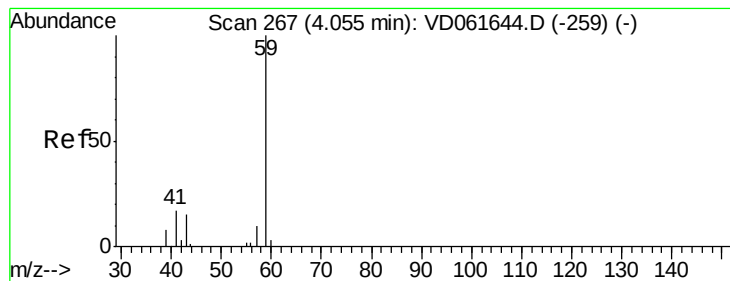


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 290.321 ug/l

RT: 4.03 min Scan# 265

Delta R.T. -0.02 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

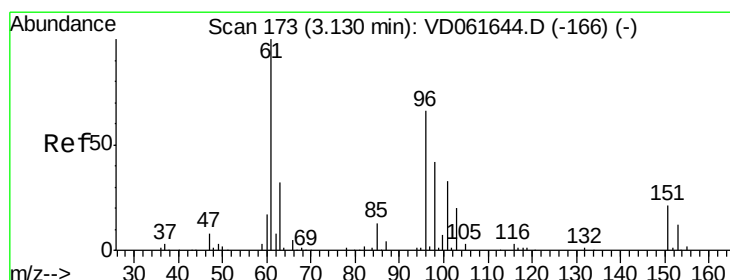
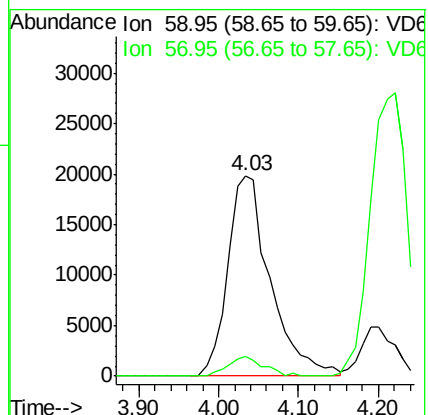
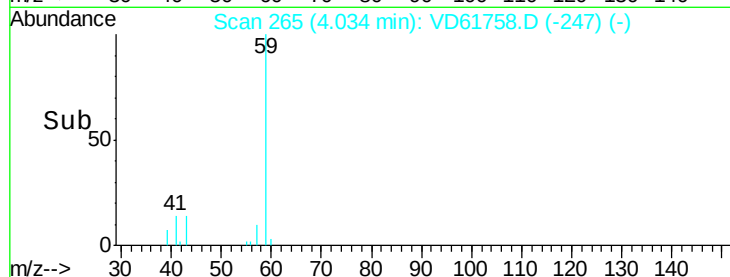
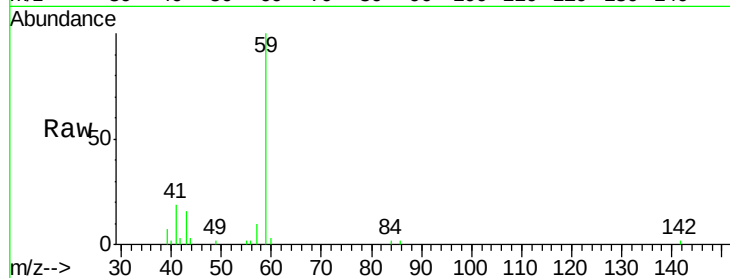
ClientSampleId :

Tot Ion: 59 Resp: 73825

Ion Ratio Lower Upper

59 100

57 9.8 8.4 12.6



#12

1,1-Dichloroethene

Concen: 48.206 ug/l

RT: 3.12 min Scan# 172

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

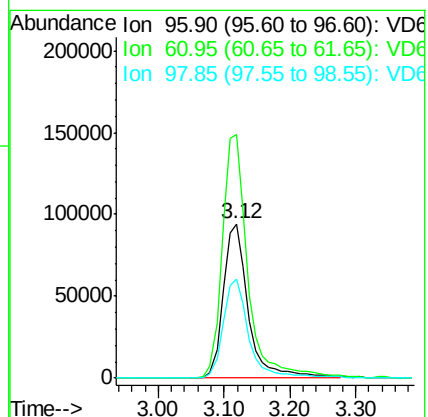
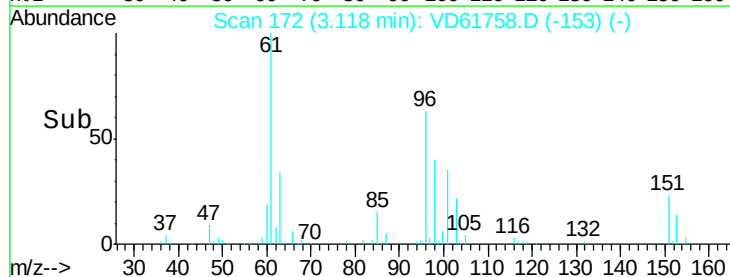
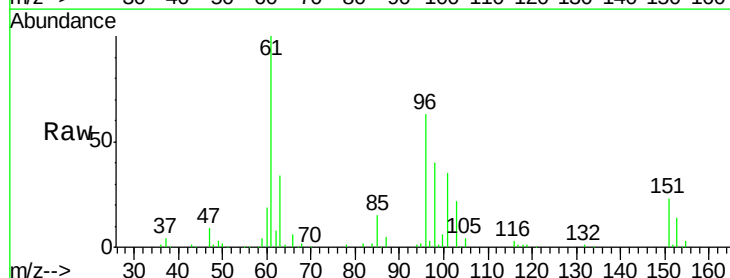
Tgt Ion: 96 Resp: 251552

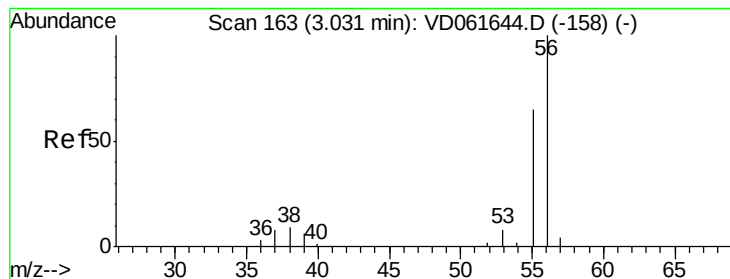
Ion Ratio Lower Upper

96 100

61 158.0 121.3 181.9

98 64.0 50.6 76.0





#13

Acrolein

Concen: 233.106 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

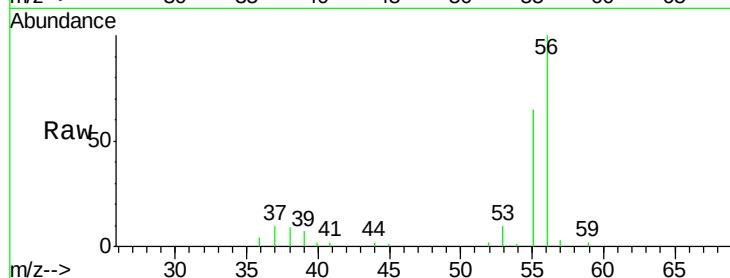
ClientSampleId :

Tot Ion: 56 Resp: 72270

Ion Ratio Lower Upper

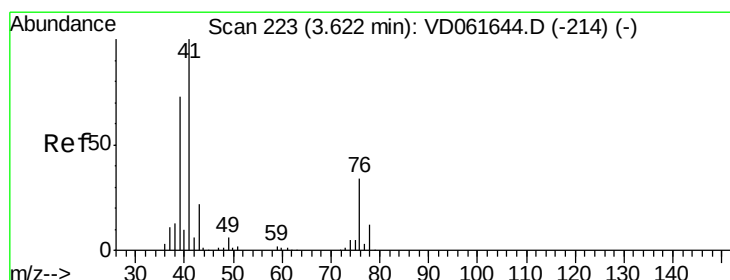
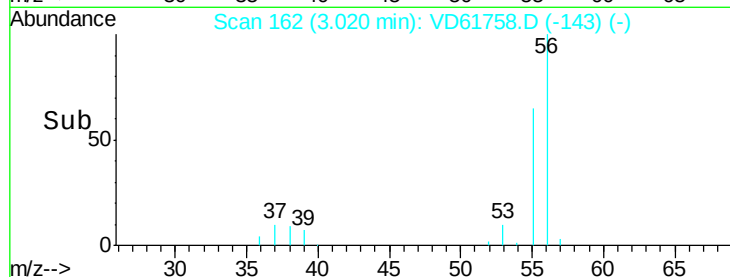
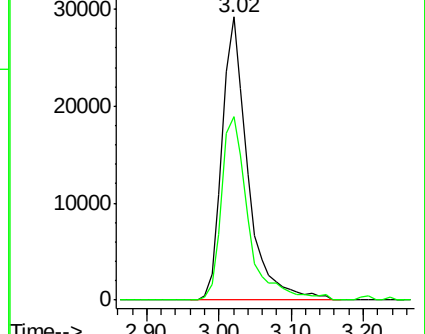
56 100

55 64.7 51.8 77.6



Abundance Ion 55.95 (55.65 to 56.65): VD6

Ion 55.00 (54.70 to 55.70): VD6



#14

Allyl chloride

Concen: 54.447 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.02 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

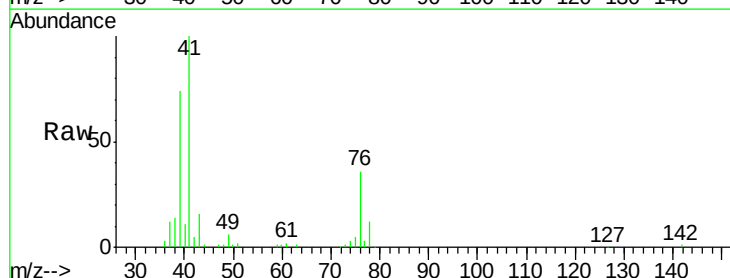
Tgt Ion: 41 Resp: 387515

Ion Ratio Lower Upper

41 100

39 73.7 58.2 87.4

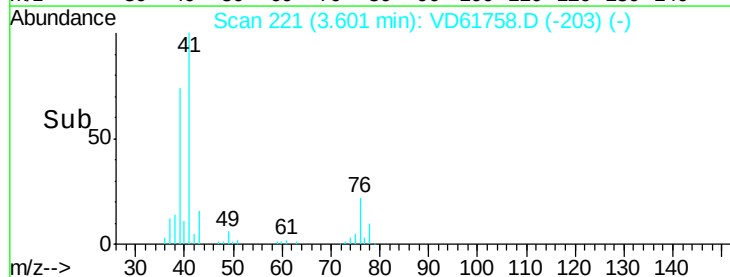
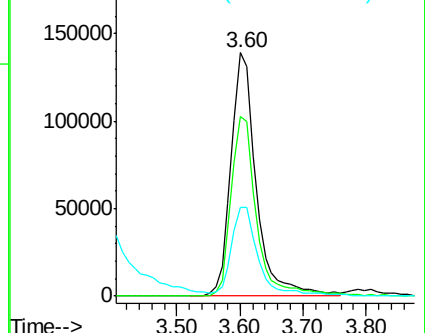
76 36.4 29.8 44.6

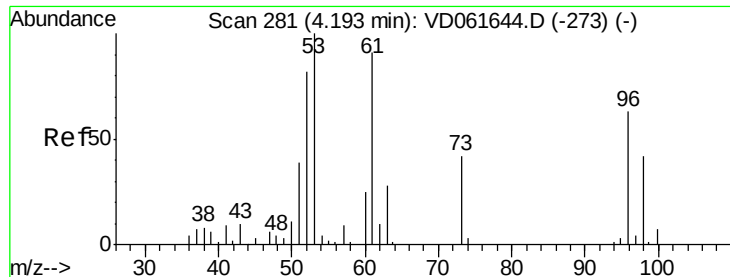


Abundance Ion 41.05 (40.75 to 41.75): VD6

Ion 38.95 (38.65 to 39.65): VD6

Ion 75.95 (75.65 to 76.65): VD6





#15

Acrylonitrile

Concen: 261.054 ug/l

RT: 4.16 min Scan# 278

Delta R.T. -0.03 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampled :

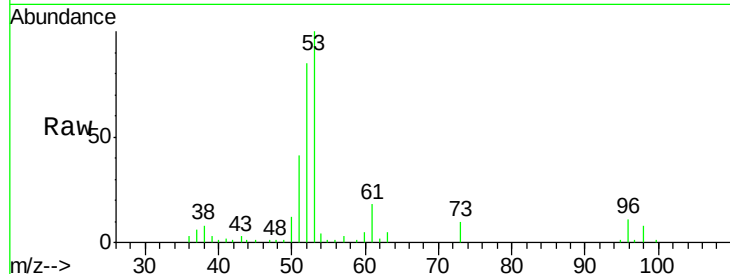
Tot Ion: 53 Resp: 228511

Ion Ratio Lower Upper

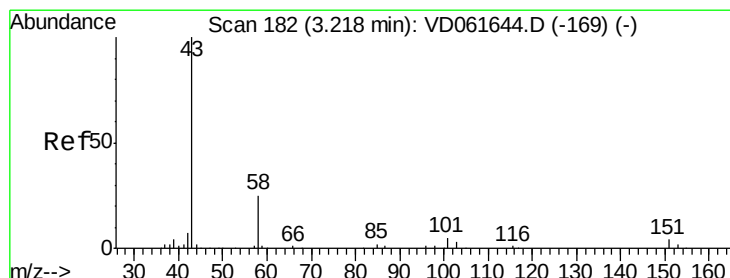
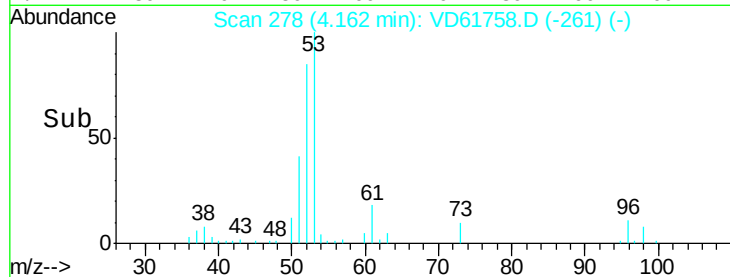
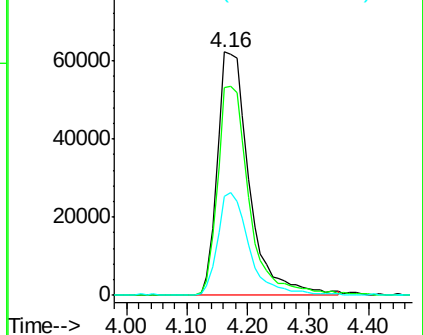
53 100

52 85.1 65.9 98.9

51 40.6 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VD6
Ion 52.00 (51.70 to 52.70): VD6
Ion 51.00 (50.70 to 51.70): VD6



#16

Acetone

Concen: 226.147 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD61758.D

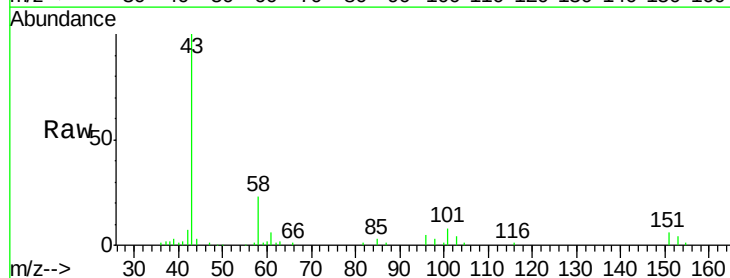
Acq: 12 Apr 2019 1:01

Tgt Ion: 43 Resp: 256503

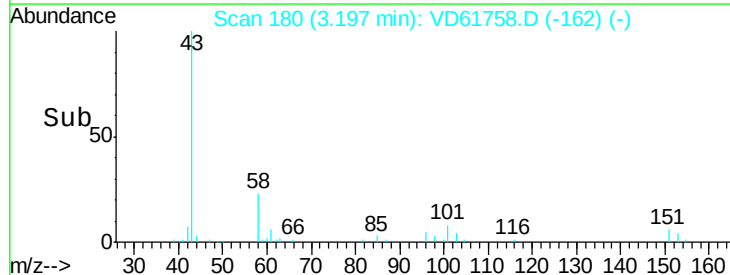
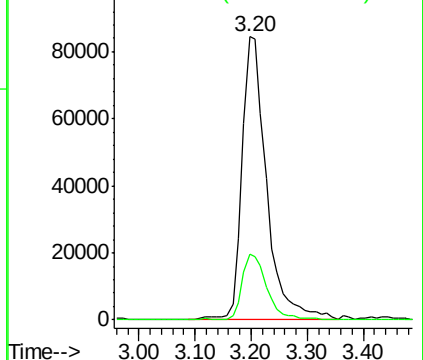
Ion Ratio Lower Upper

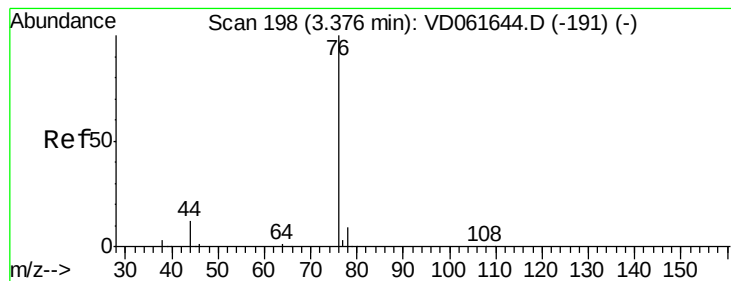
43 100

58 23.1 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VD6
Ion 57.95 (57.65 to 58.65): VD6





#17

Carbon Disulfide

Concen: 46.979 ug/l

RT: 3.36 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

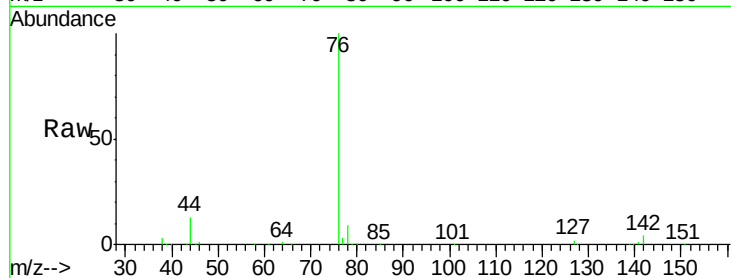
ClientSampleId :

Tot Ion: 76 Resp: 796568

Ion Ratio Lower Upper

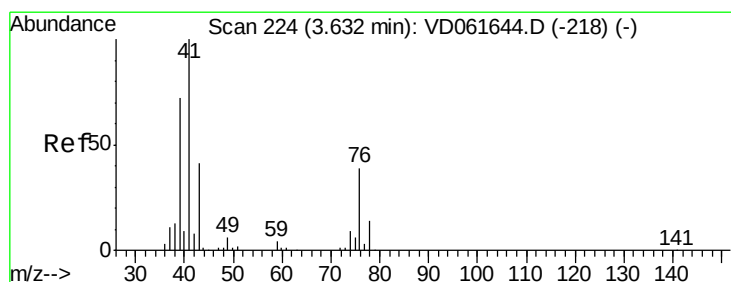
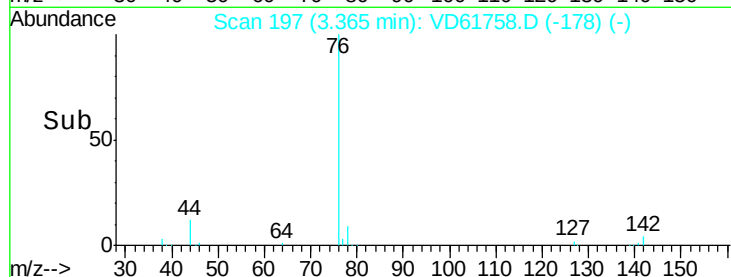
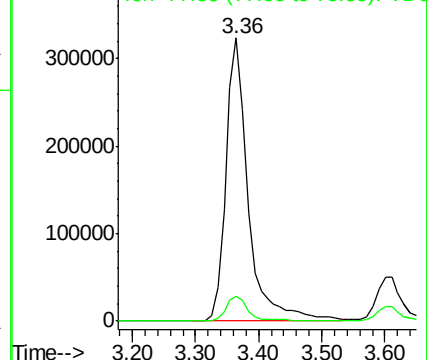
76 100

78 9.0 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VD6

Ion 77.85 (77.55 to 78.55): VD6



#18

Methyl Acetate

Concen: 59.199 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.01 min

Lab File: VD61758.D

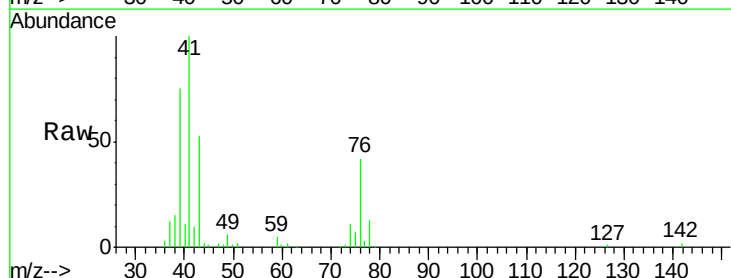
Acq: 12 Apr 2019 1:01

Tgt Ion: 43 Resp: 126329

Ion Ratio Lower Upper

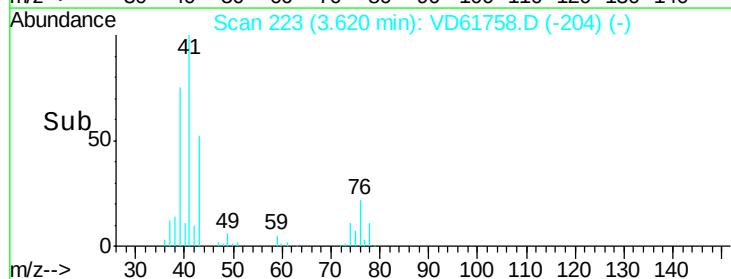
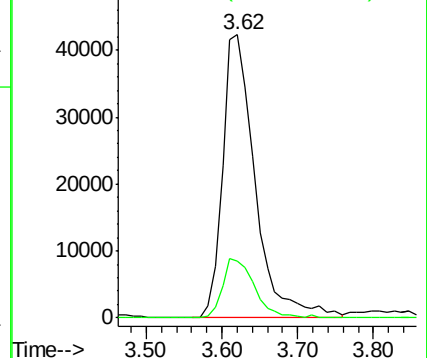
43 100

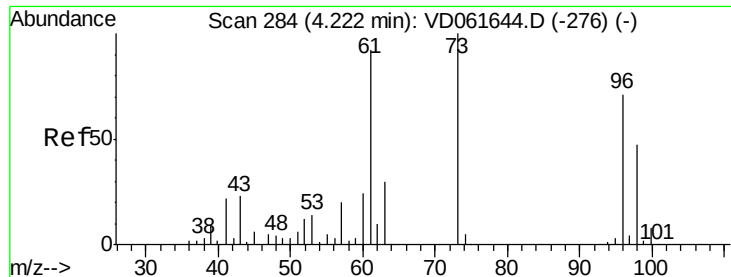
74 19.9 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VD6

Ion 74.00 (73.70 to 74.70): VD6

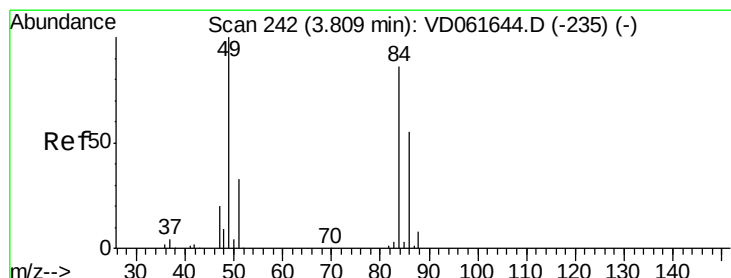
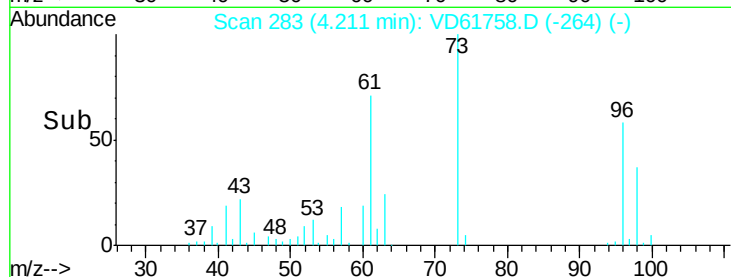
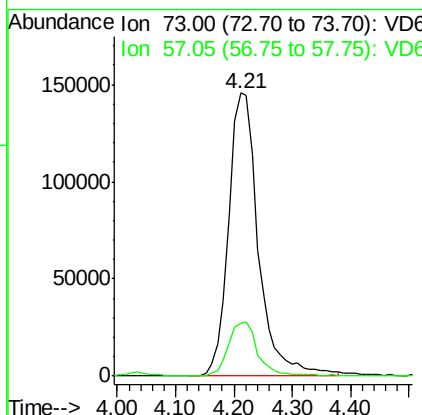
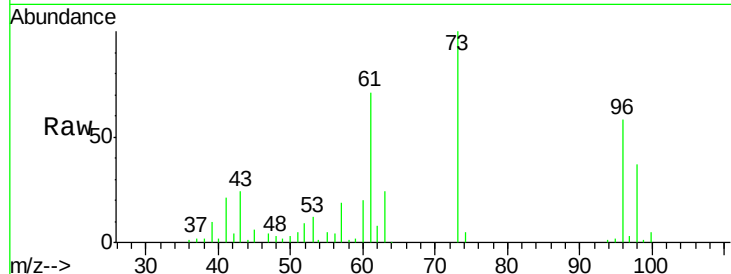




#19
Methvl tert-butyl Ether
Concen: 57.589 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

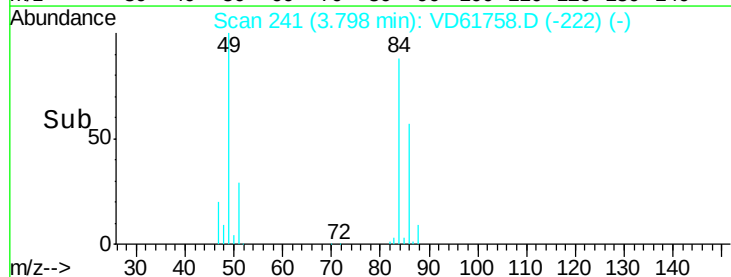
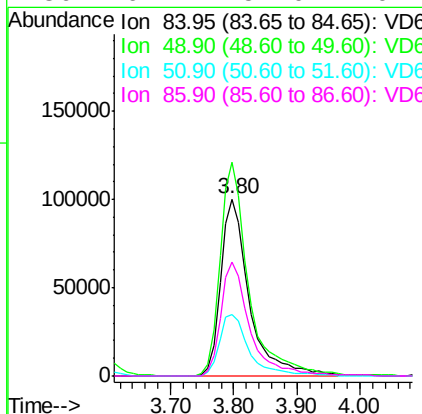
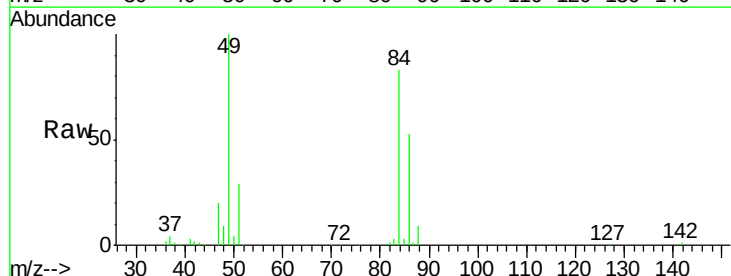
Instrument :
MSVOA_D
ClientSampleId :

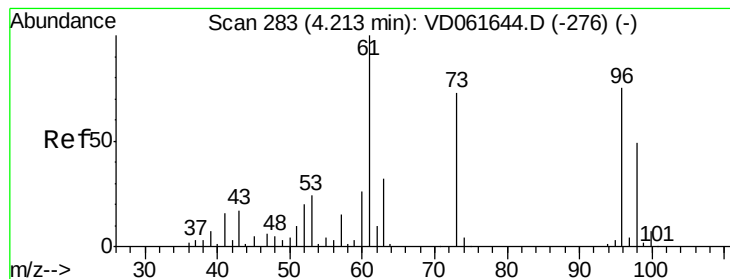
Tot Ion: 73 Resp: 520344
Ion Ratio Lower Upper
73 100
57 18.8 16.0 24.0



#20
Methylene Chloride
Concen: 49.129 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 84 Resp: 316204
Ion Ratio Lower Upper
84 100
49 120.7 93.0 139.4
51 34.9 30.4 45.6
86 64.2 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 51.194 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampled :

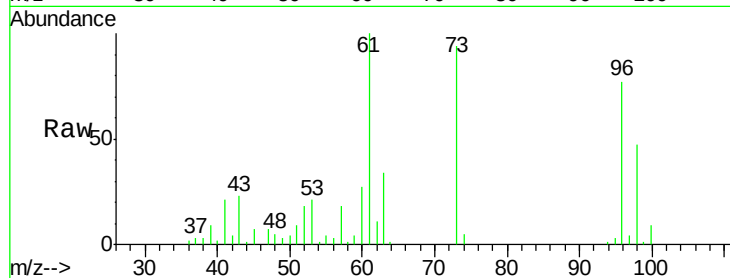
Tot Ion: 96 Resp: 290153

Ion Ratio Lower Upper

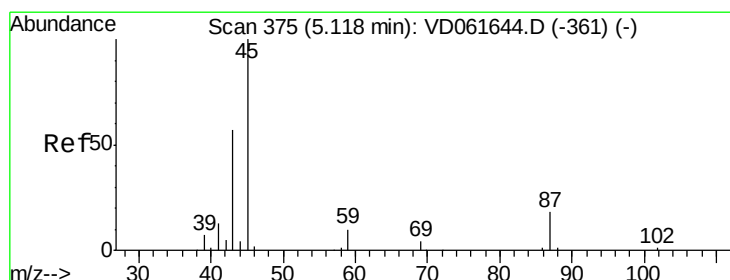
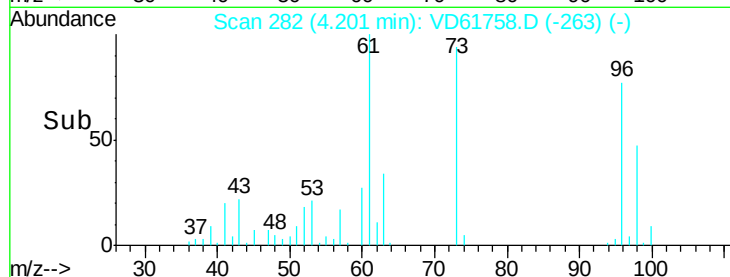
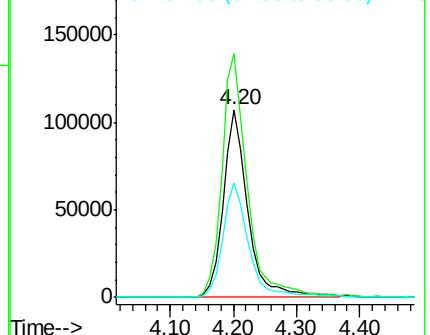
96 100

61 129.6 106.8 160.2

98 60.6 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VD6
Ion 60.95 (60.65 to 61.65): VD6
Ion 97.85 (97.55 to 98.55): VD6



#22

Diisopropyl ether

Concen: 56.205 ug/l

RT: 5.09 min Scan# 372

Delta R.T. -0.03 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Tgt Ion: 45 Resp: 838703

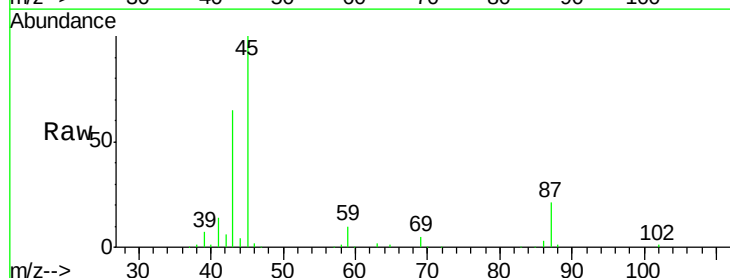
Ion Ratio Lower Upper

45 100

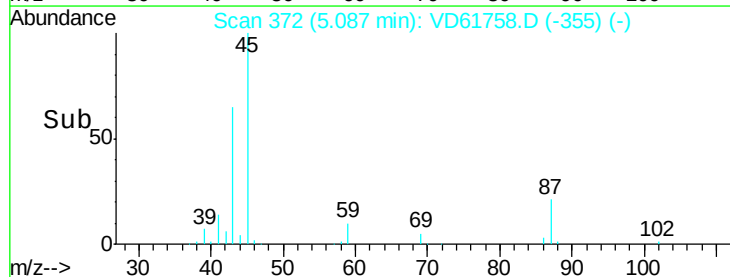
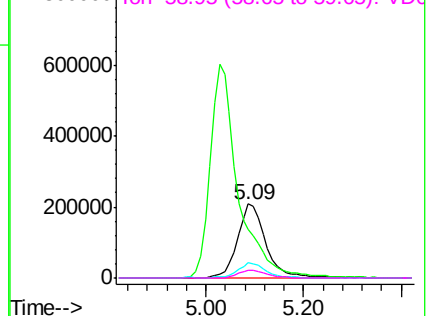
43 65.3 46.6 70.0

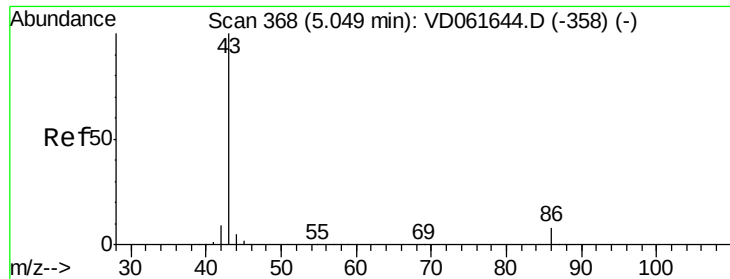
87 20.7 15.6 23.4

59 9.9 8.6 13.0



Abundance Ion 45.05 (44.75 to 45.75): VD6
Ion 43.05 (42.75 to 43.75): VD6
Ion 87.00 (86.70 to 87.70): VD6
Ion 58.95 (58.65 to 59.65): VD6





#23

Vinyl Acetate

Concen: 288.907 ug/l

RT: 5.03 min Scan# 366

Delta R.T. -0.02 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

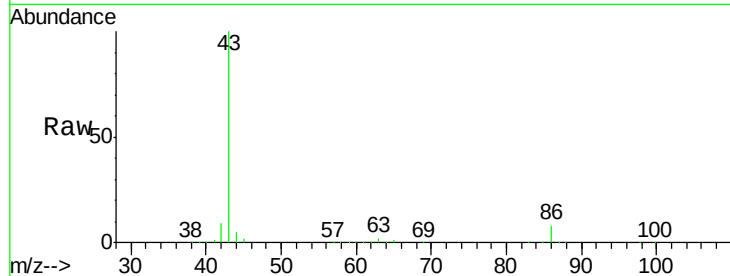
ClientSampleId :

Tot Ion: 43 Resp: 2378816

Ion Ratio Lower Upper

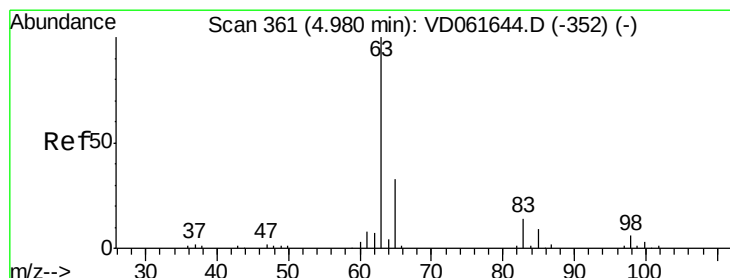
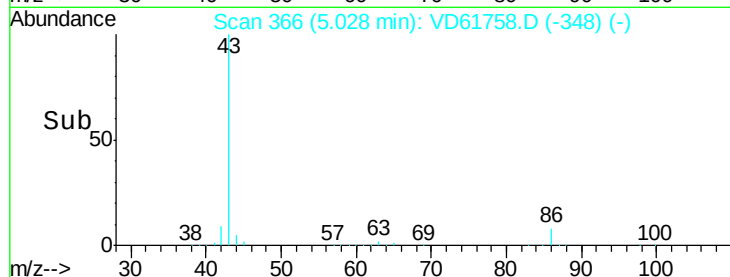
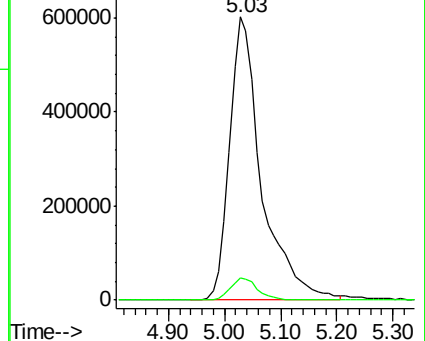
43 100

86 7.9 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VD6

Ion 86.00 (85.70 to 86.70): VD6



#24

1,1-Dichloroethane

Concen: 55.555 ug/l

RT: 4.96 min Scan# 359

Delta R.T. -0.02 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

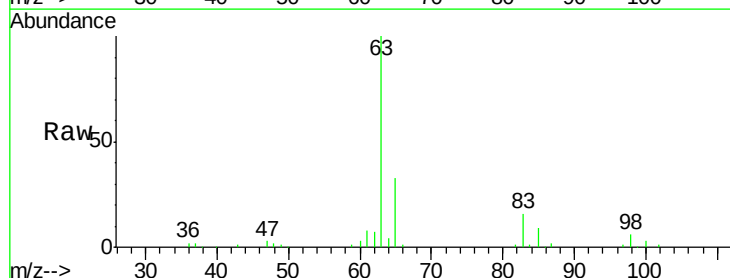
Tgt Ion: 63 Resp: 508011

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.6

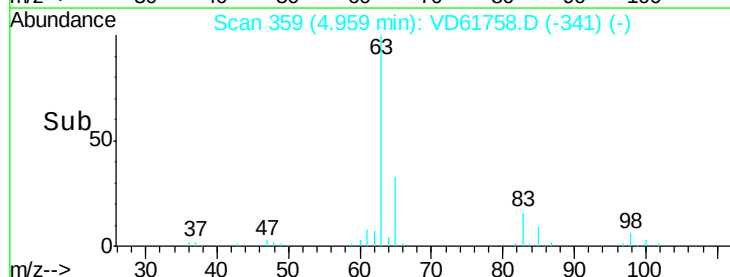
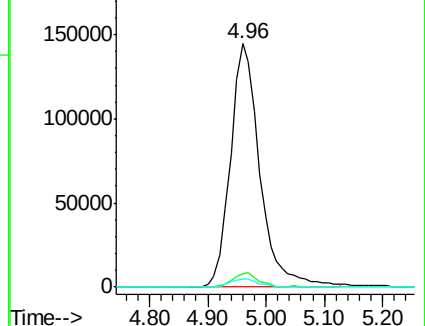
100 3.1 1.7 5.1

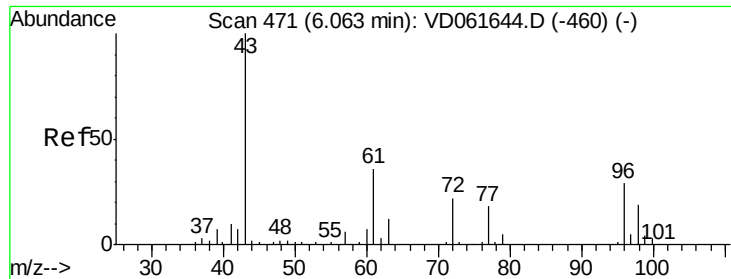


Abundance Ion 62.95 (62.65 to 63.65): VD6

Ion 97.95 (97.65 to 98.65): VD6

Ion 99.95 (99.65 to 100.65): VD6





#25

2-Butanone

Concen: 271.915 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.02 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

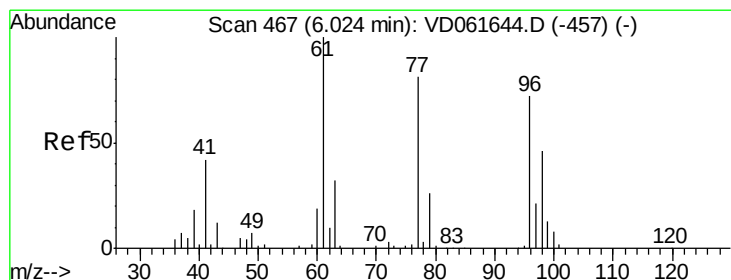
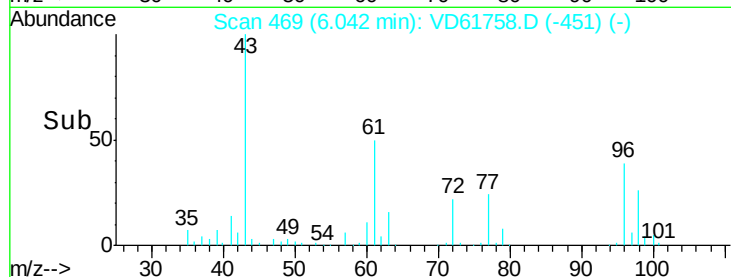
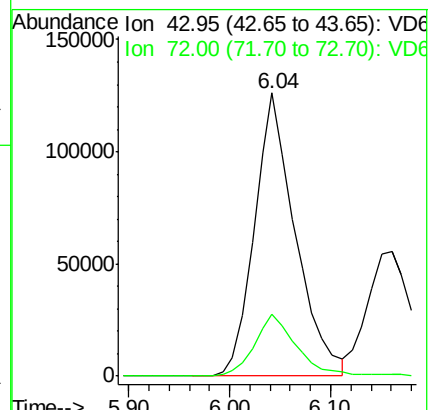
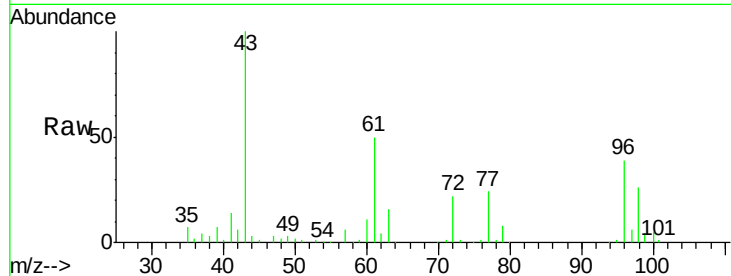
ClientSampleId :

Tot Ion: 43 Resp: 355550

Ion Ratio Lower Upper

43 100

72 21.9 17.4 26.2



#26

2,2-Dichloropropane

Concen: 53.245 ug/l

RT: 6.00 min Scan# 465

Delta R.T. -0.02 min

Lab File: VD61758.D

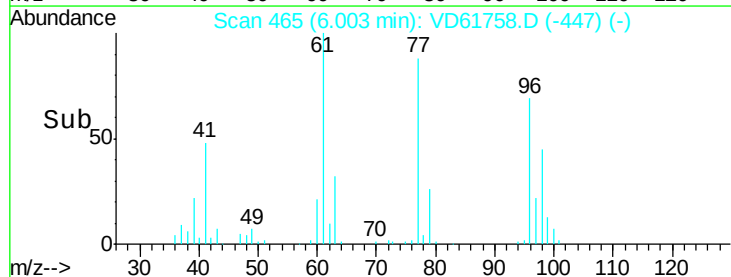
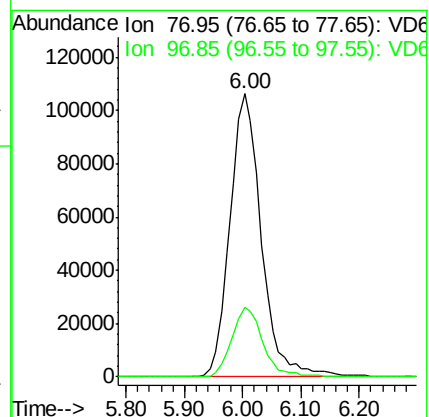
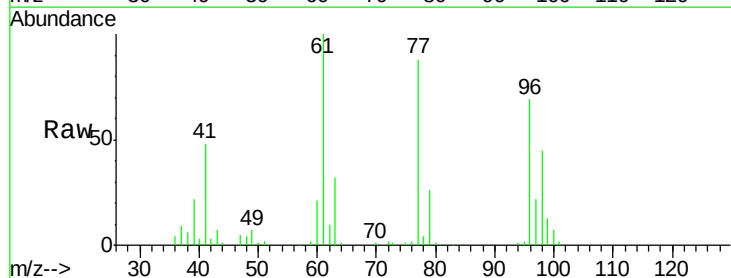
Acq: 12 Apr 2019 1:01

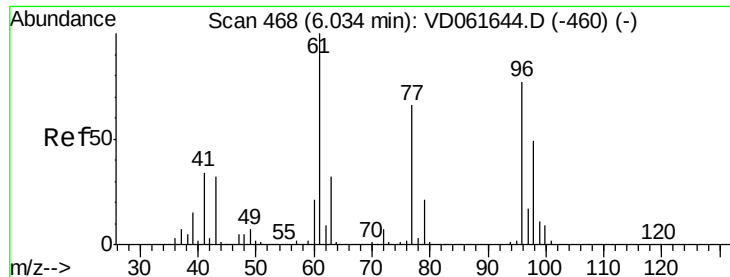
Tgt Ion: 77 Resp: 396446

Ion Ratio Lower Upper

77 100

97 24.8 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 56.074 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.02 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

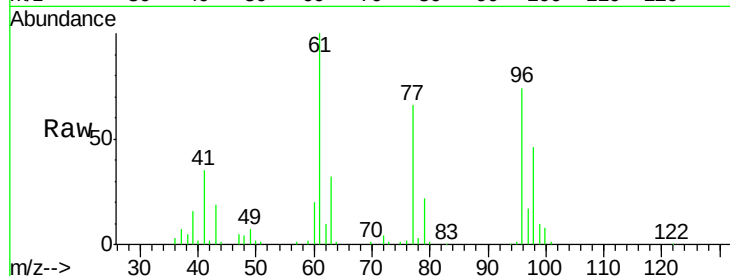
Tot Ion: 96 Resp: 339047

Ion Ratio Lower Upper

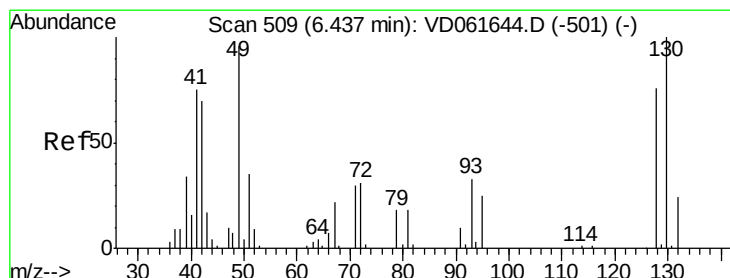
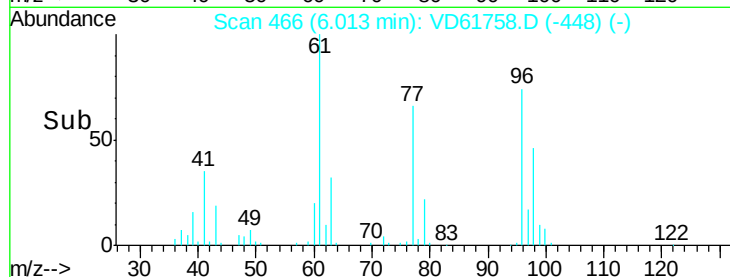
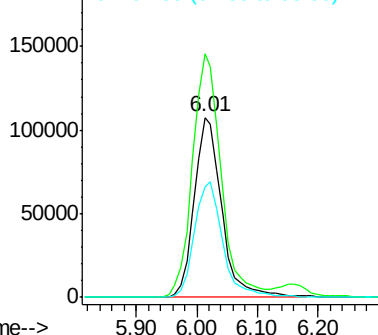
96 100

61 135.3 0.0 259.8

98 61.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VD6
Ion 60.95 (60.65 to 61.65): VD6
Ion 97.85 (97.55 to 98.55): VD6



#28

Bromochloromethane

Concen: 55.572 ug/l

RT: 6.42 min Scan# 507

Delta R.T. -0.02 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

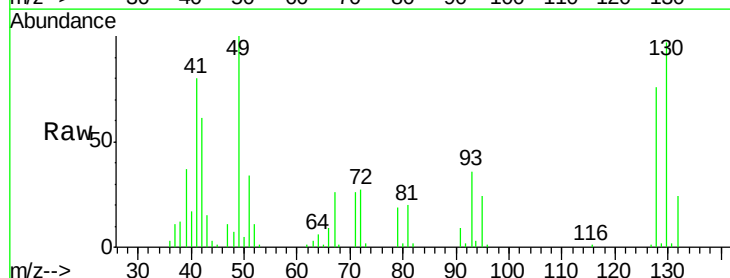
Tgt Ion: 49 Resp: 187454

Ion Ratio Lower Upper

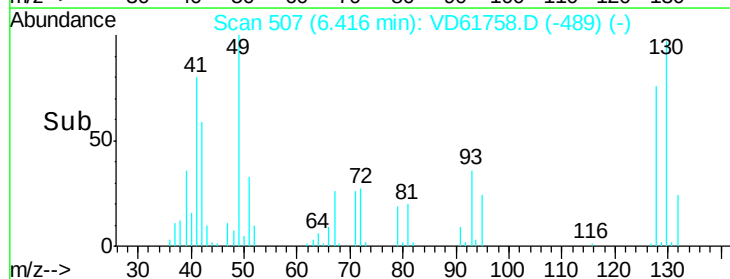
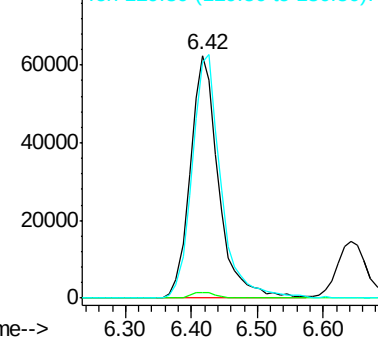
49 100

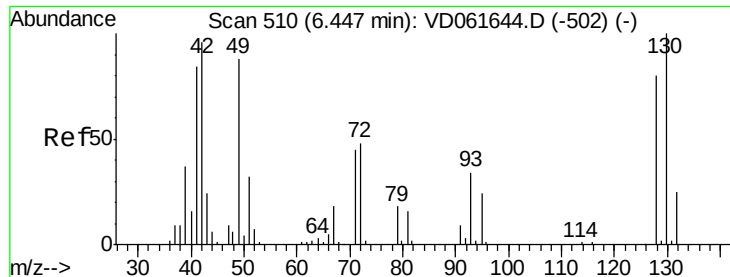
129 2.3 0.0 4.0

130 97.1 83.3 124.9



Abundance Ion 48.90 (48.60 to 49.60): VD6
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

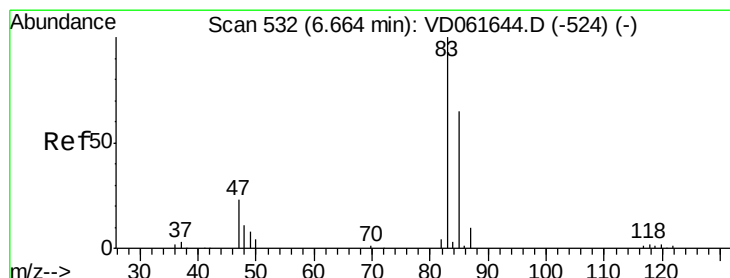
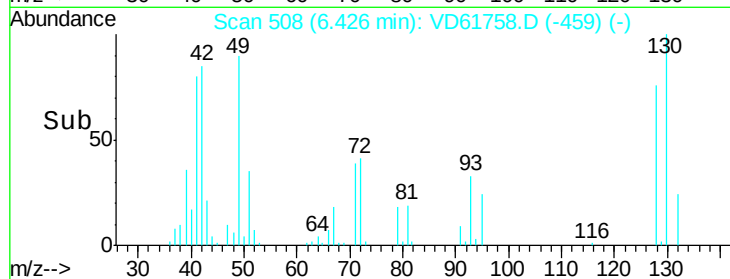
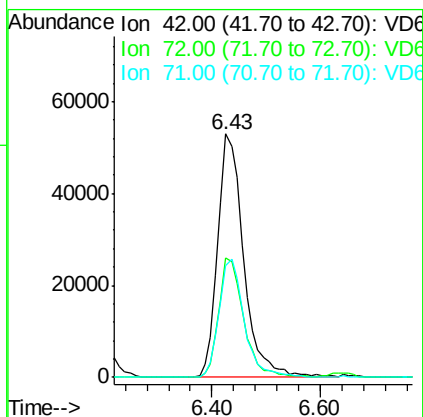
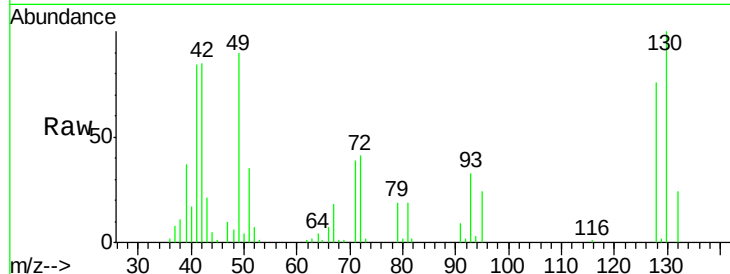




#29
Tetrahydrofuran
Concen: 279.432 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.02 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

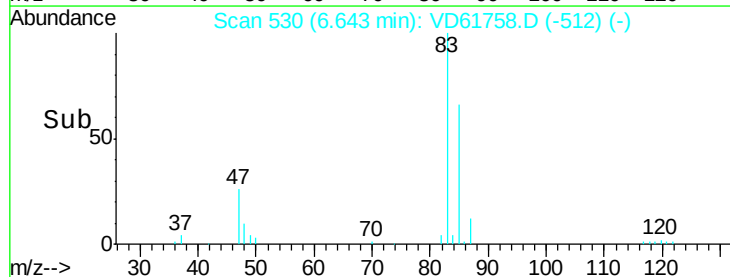
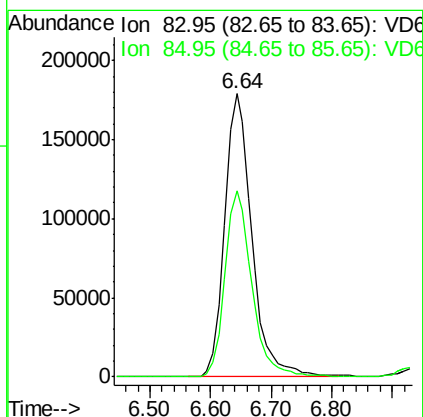
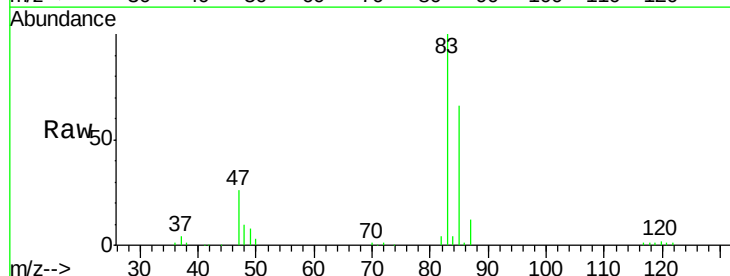
Instrument :
MSVOA_D
ClientSampleId :

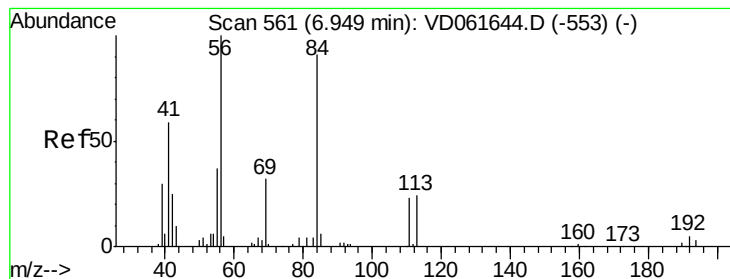
Tot Ion: 42 Resp: 176381
Ion Ratio Lower Upper
42 100
72 47.0 37.0 55.6
71 46.9 36.5 54.7



#30
Chloroform
Concen: 58.127 ug/l
RT: 6.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 83 Resp: 556822
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9





#31

Cyclohexane

Concen: 49.198 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampleId :

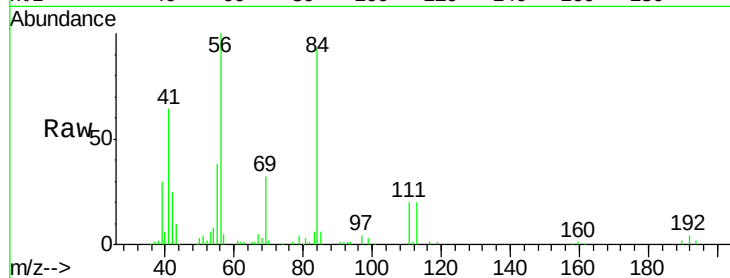
Tot Ion: 56 Resp: 351451

Ion Ratio Lower Upper

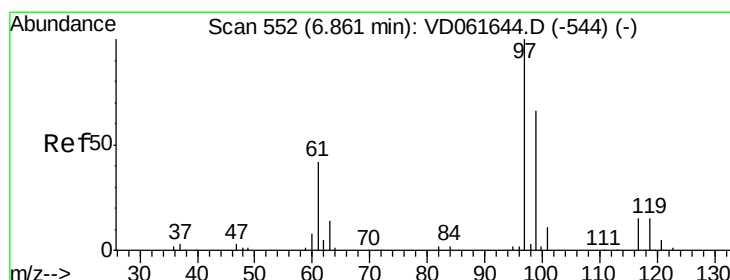
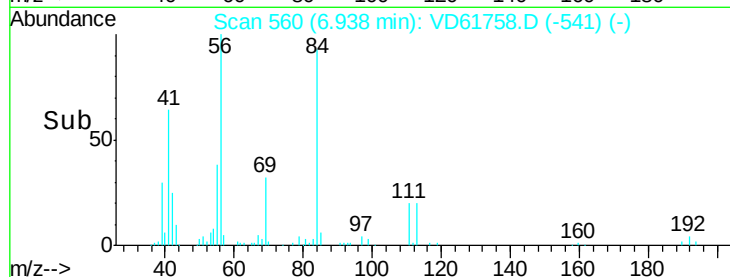
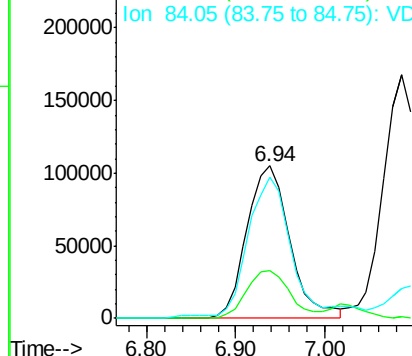
56 100

69 31.5 25.8 38.6

84 92.9 74.2 111.2



Abundance Ion 55.95 (55.65 to 56.65): VD6
Ion 69.00 (68.70 to 69.70): VD6
Ion 84.05 (83.75 to 84.75): VD6



#32

1,1,1-Trichloroethane

Concen: 55.704 ug/l

RT: 6.85 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

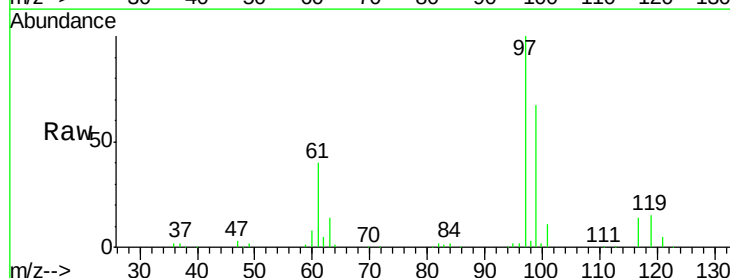
Tgt Ion: 97 Resp: 467612

Ion Ratio Lower Upper

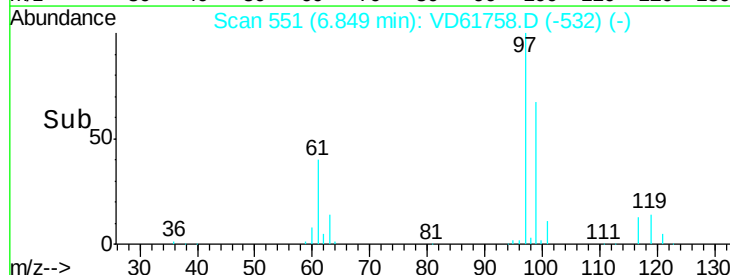
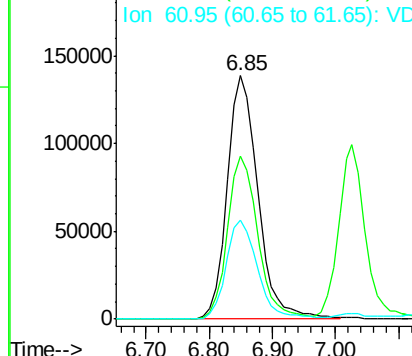
97 100

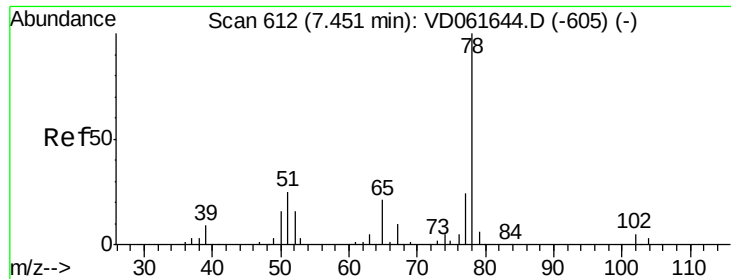
99 66.8 52.5 78.7

61 40.4 33.4 50.0



Abundance Ion 96.85 (96.55 to 97.55): VD6
Ion 98.85 (98.55 to 99.55): VD6
Ion 60.95 (60.65 to 61.65): VD6

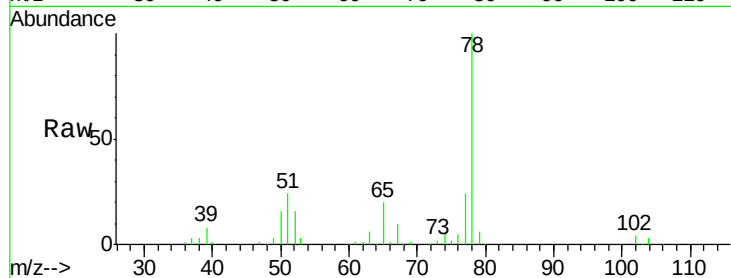




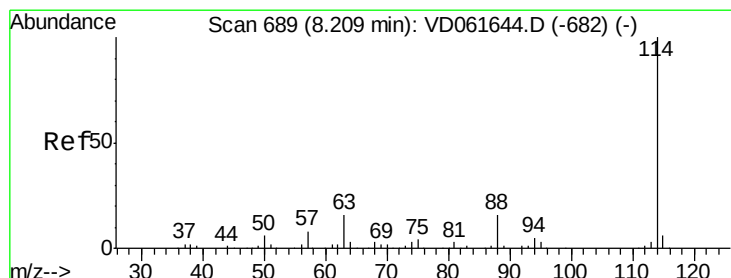
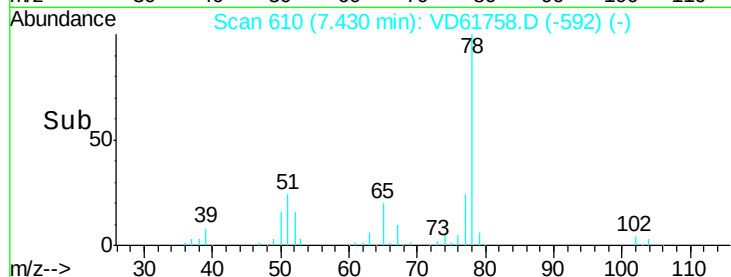
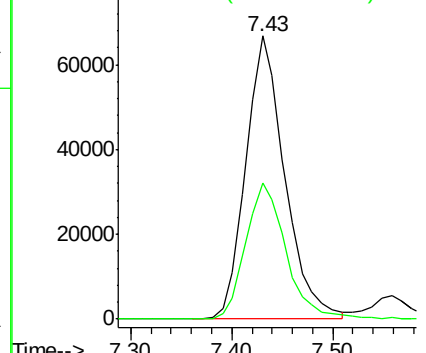
#33
 1,2-Dichloroethane-d4
 Concen: 55.704 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 179616
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 99.4

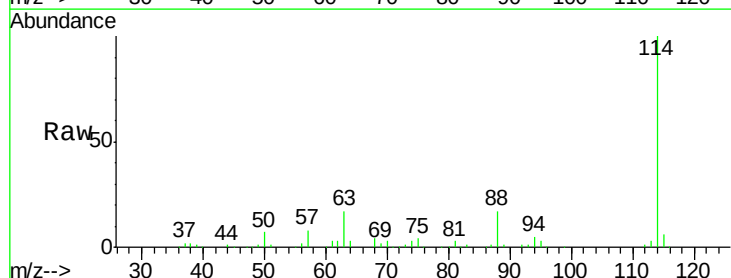


Abundance Ion 64.95 (64.65 to 65.65): VD6
 Ion 66.90 (66.60 to 67.60): VD6

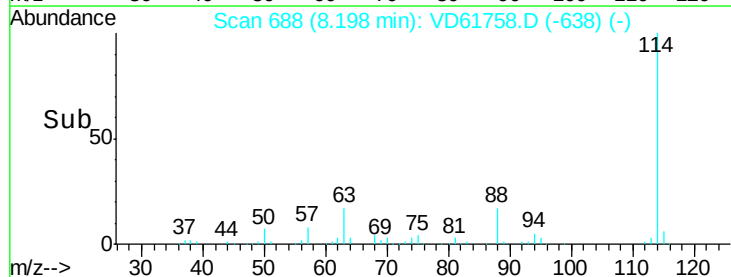
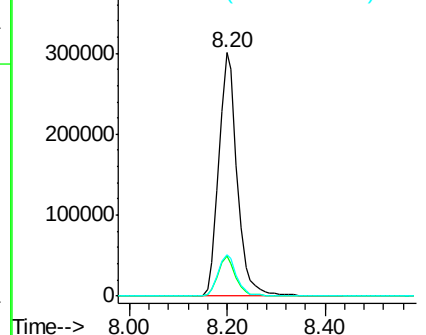


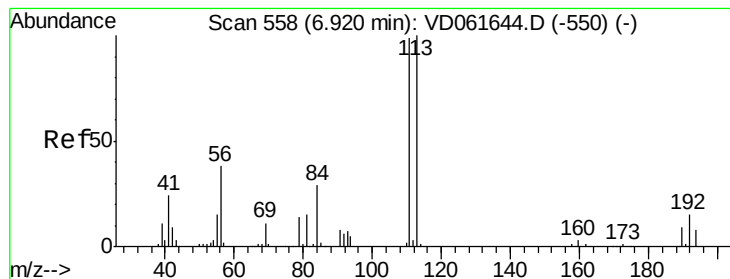
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion: 114 Resp: 791117
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.2
 88 17.3 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VD6
 Ion 87.90 (87.60 to 88.60): VD6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

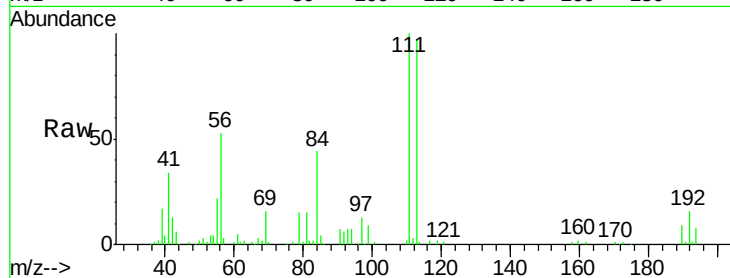
Tot Ion:113 Resp: 275387

Ion Ratio Lower Upper

113 100

111 102.8 79.3 118.9

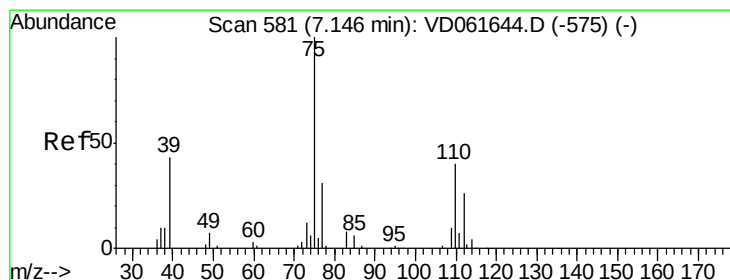
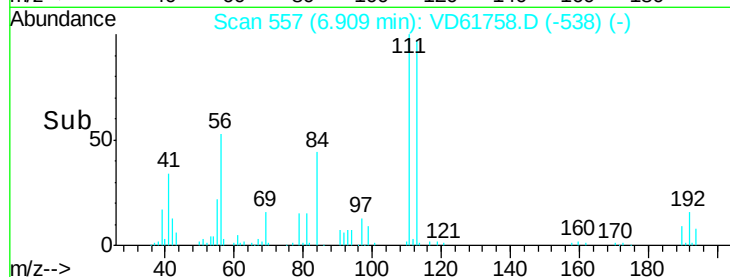
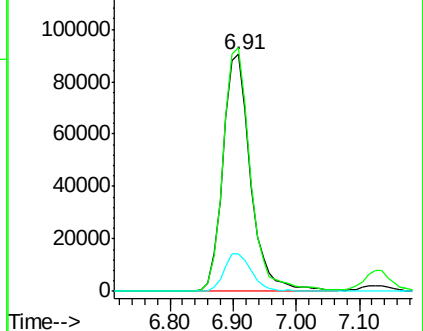
192 16.1 12.3 18.5



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: 52.193 ug/l

RT: 7.13 min Scan# 579

Delta R.T. -0.02 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

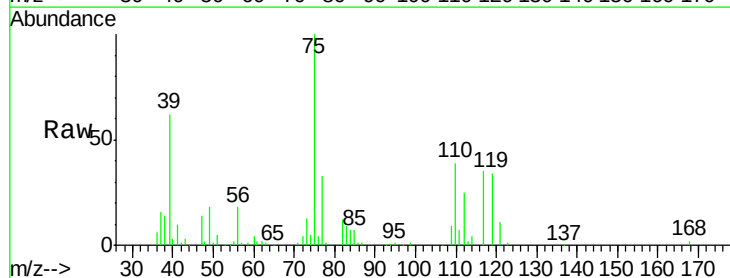
Tgt Ion: 75 Resp: 361369

Ion Ratio Lower Upper

75 100

110 39.5 19.7 59.0

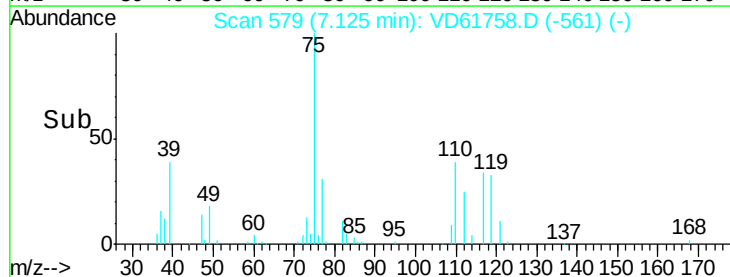
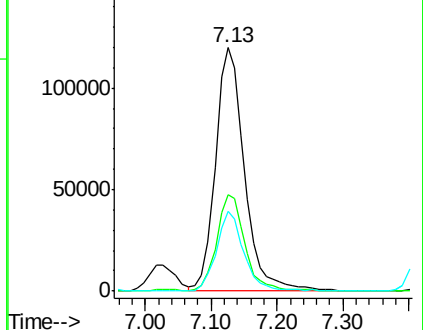
77 32.5 24.8 37.2

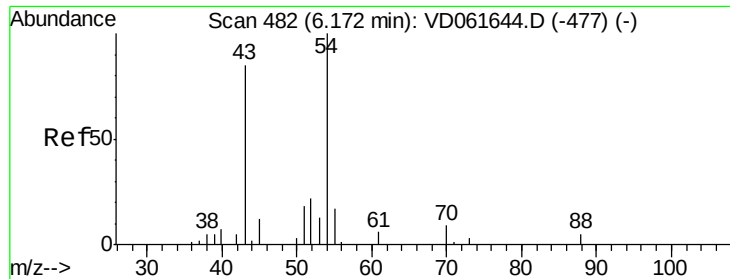


Abundance Ion 75.00 (74.70 to 75.70): VD6

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VD6

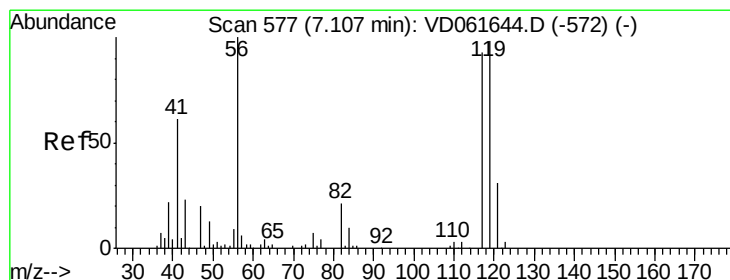
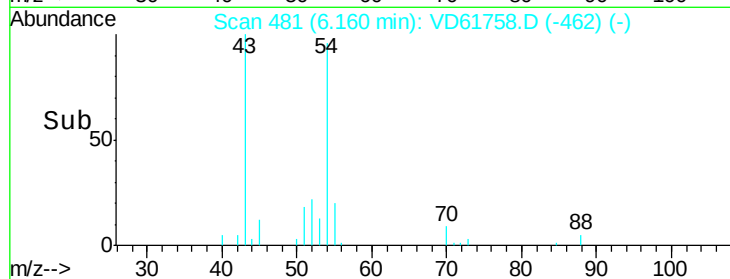
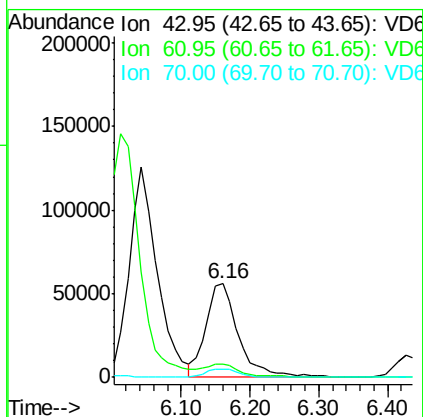
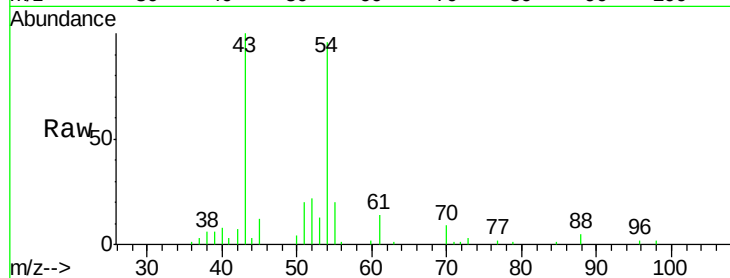




#37
Ethyl Acetate
Concen: 63.205 ug/l
RT: 6.16 min Scan# 481
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

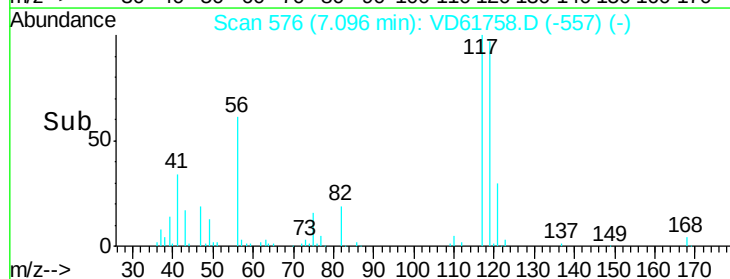
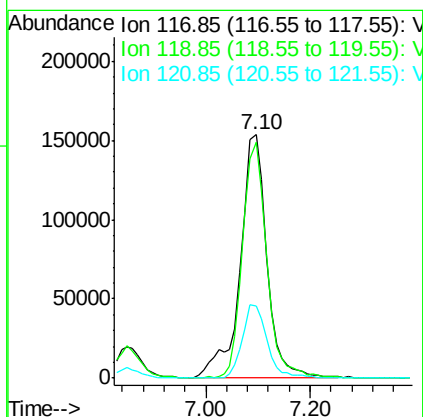
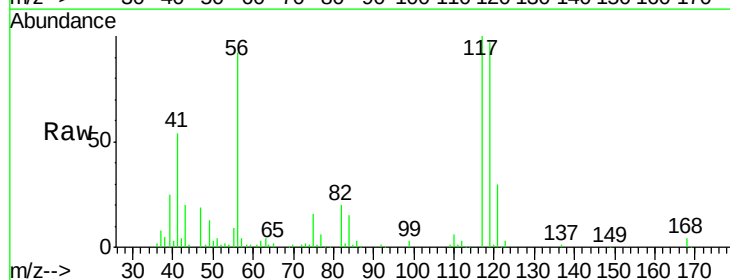
Instrument :
MSVOA_D
ClientSampled :

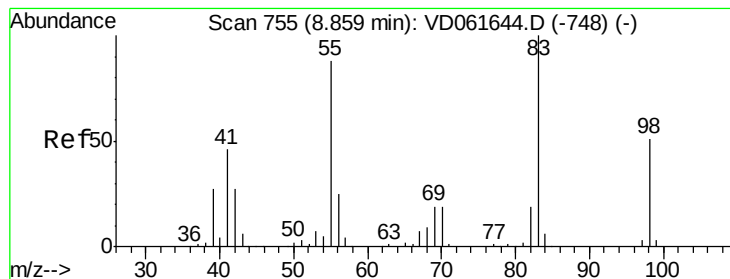
Tot Ion: 43 Resp: 178245
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 8.7 6.9 10.3



#38
Carbon Tetrachloride
Concen: 65.648 ug/l
RT: 7.10 min Scan# 576
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 117 Resp: 532704
Ion Ratio Lower Upper
117 100
119 97.1 77.9 116.9
121 29.9 24.7 37.1





#39

Methylvlcyclohexane

Concen: 51.215 ug/l

RT: 8.85 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

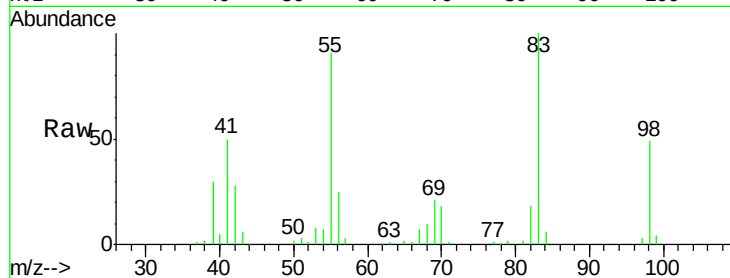
Tot Ion: 83 Resp: 364055

Ion Ratio Lower Upper

83 100

55 91.0 70.3 105.5

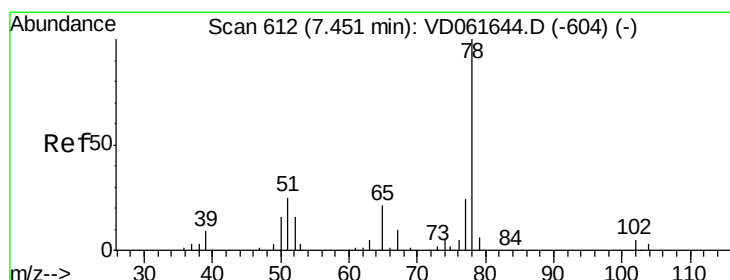
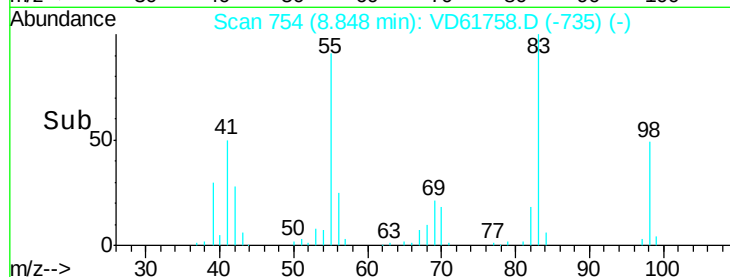
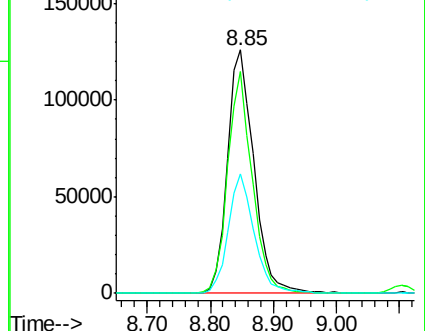
98 48.9 41.0 61.6



Abundance Ion 83.05 (82.75 to 83.75): VD6

Ion 55.00 (54.70 to 55.70): VD6

Ion 98.05 (97.75 to 98.75): VD6



#40

Benzene

Concen: 57.353 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD61758.D

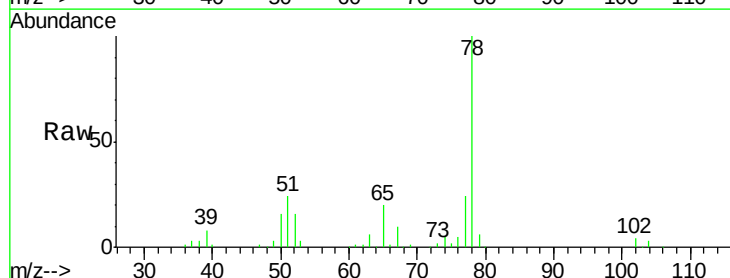
Acq: 12 Apr 2019 1:01

Tgt Ion: 78 Resp: 957980

Ion Ratio Lower Upper

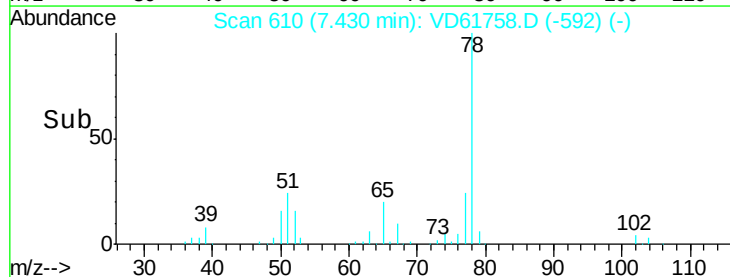
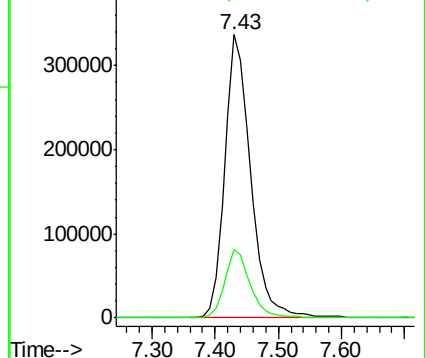
78 100

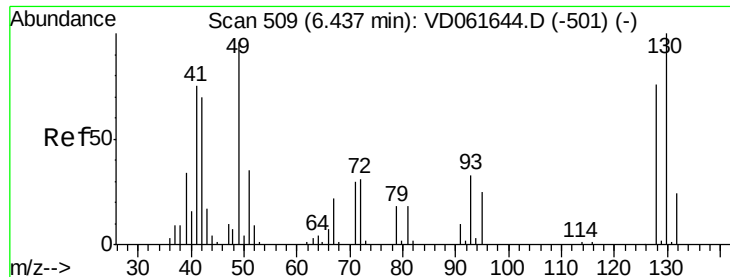
77 24.2 19.5 29.3



Abundance Ion 77.95 (77.65 to 78.65): VD6

Ion 76.95 (76.65 to 77.65): VD6

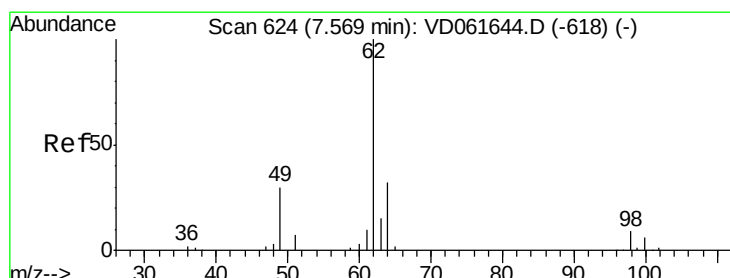
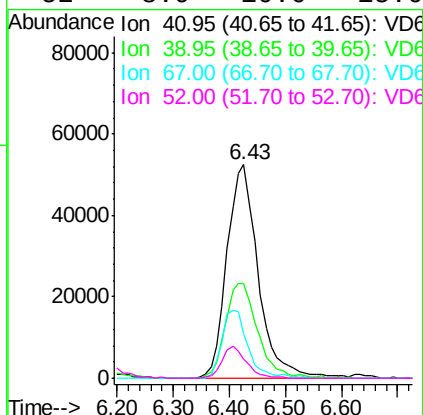
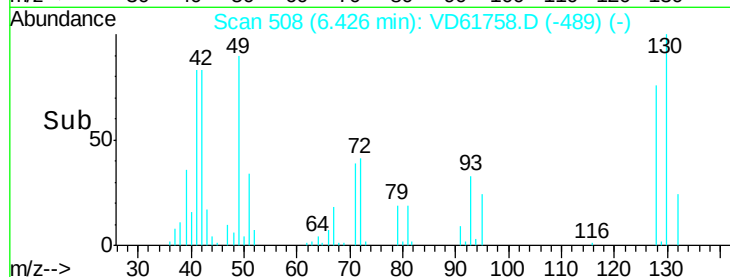
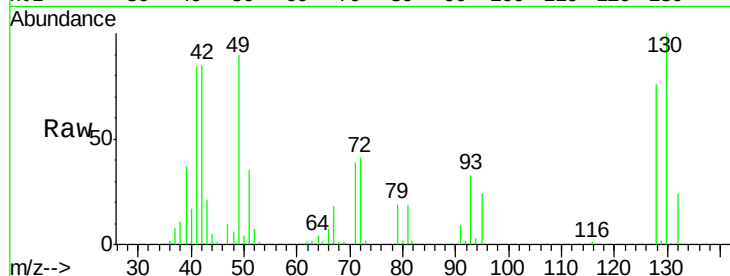




#41
Methacrylonitrile
Concen: 61.716 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

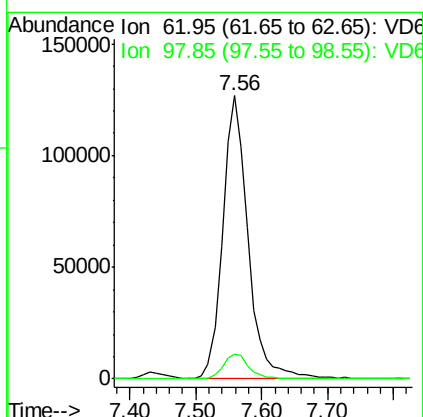
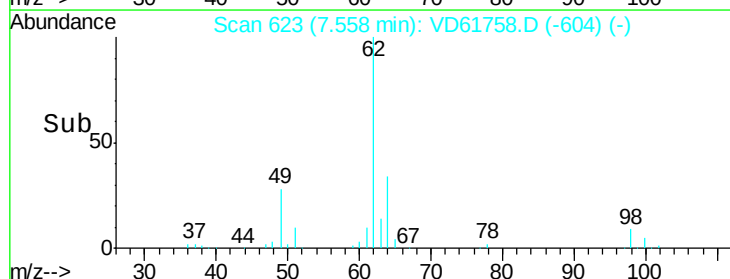
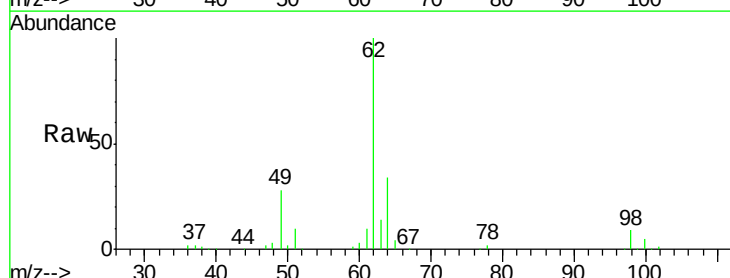
Instrument :
MSVOA_D
ClientSampleId :

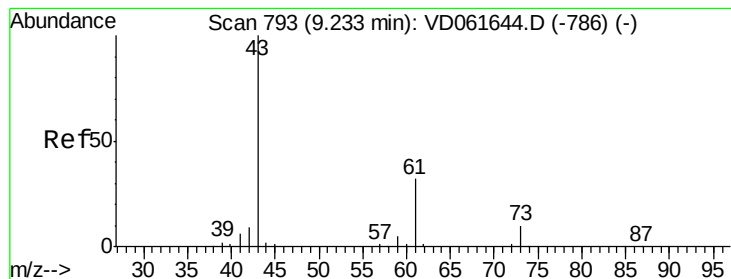
Tot Ion	Ratio	Lower	Upper
41	100		
39	44.6	36.2	54.2
67	21.2	23.2	34.8
52	8.9	10.0	15.0



#42
1,2-Dichloroethane
Concen: 64.906 ug/l
RT: 7.56 min Scan# 623
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 58.769 ug/l

RT: 9.22 min Scan# 792

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampled :

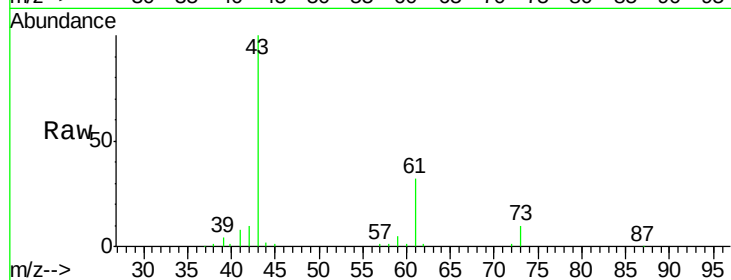
Tot Ion: 43 Resp: 240531

Ion Ratio Lower Upper

43 100

61 31.5 25.9 38.9

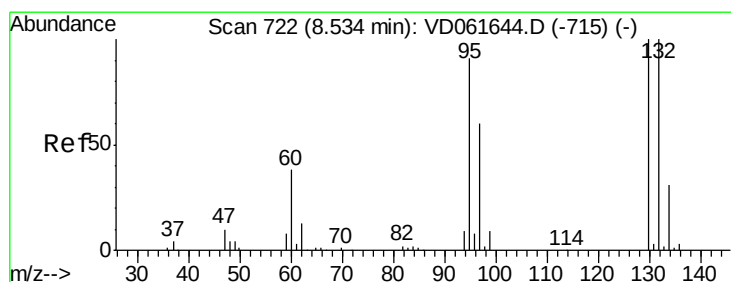
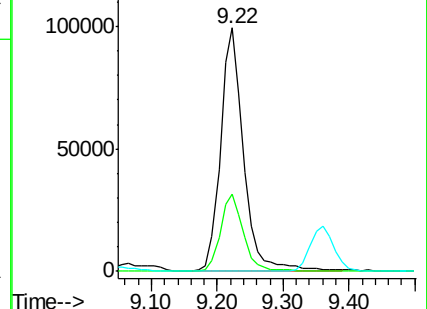
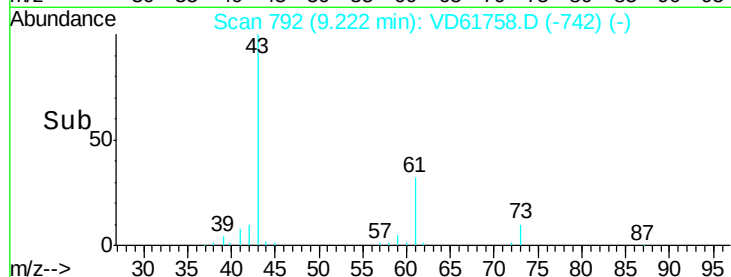
87 0.3 0.2 0.4



Abundance Ion 42.95 (42.65 to 43.65): VD6

Ion 60.95 (60.65 to 61.65): VD6

Ion 87.00 (86.70 to 87.70): VD6



#44

Trichloroethene

Concen: 55.005 ug/l

RT: 8.52 min Scan# 721

Delta R.T. -0.01 min

Lab File: VD61758.D

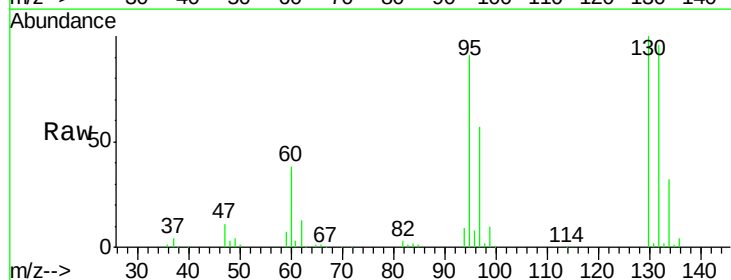
Acq: 12 Apr 2019 1:01

Tgt Ion:130 Resp: 352228

Ion Ratio Lower Upper

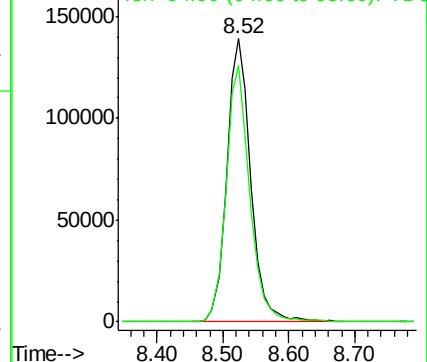
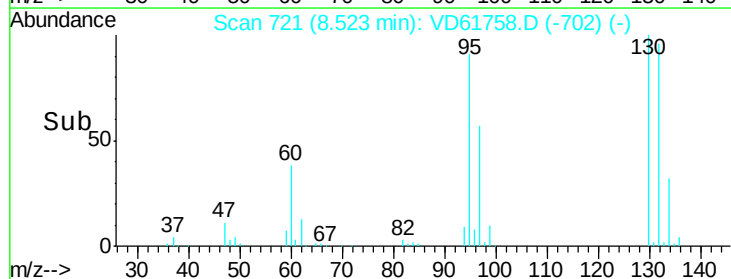
130 100

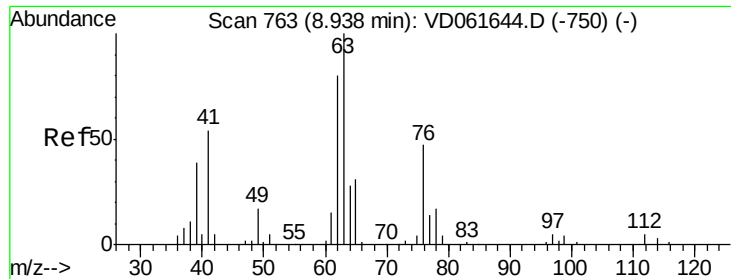
95 90.6 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VD6

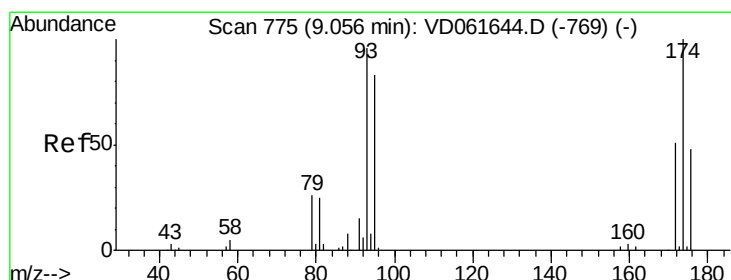
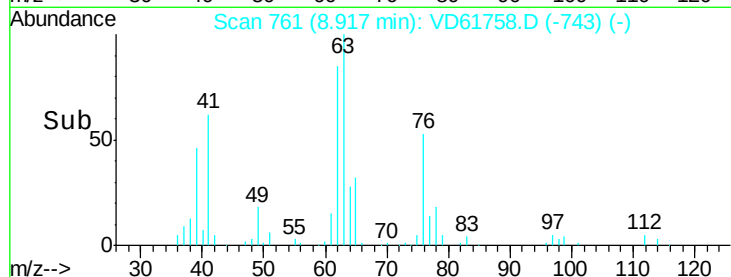
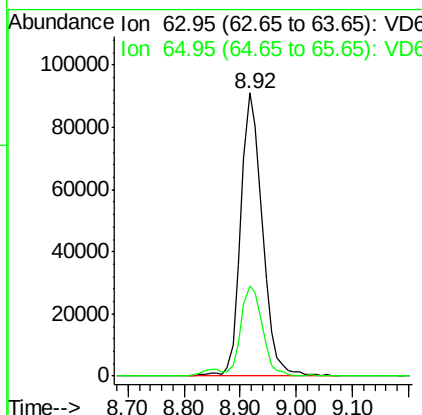
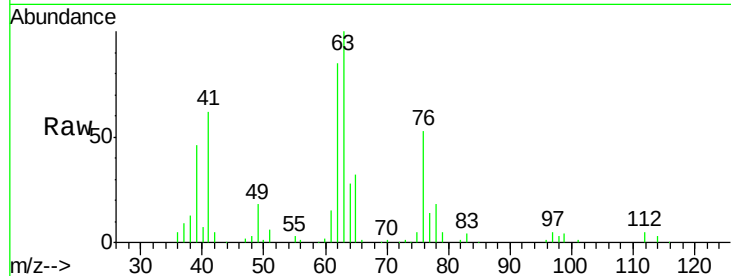




#45
 1,2-Dichloropropane
 Concen: 58.986 ug/l
 RT: 8.92 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

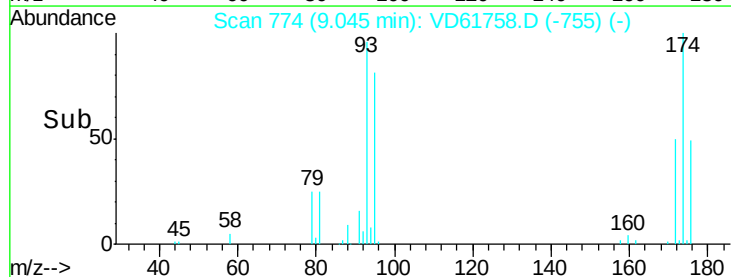
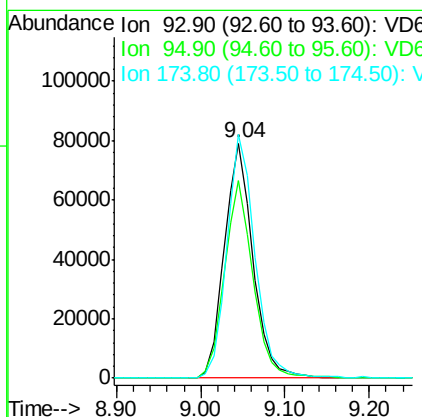
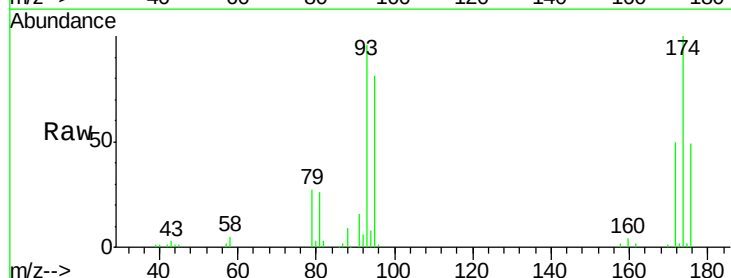
Instrument :
 MSVOA_D
 ClientSampleId :

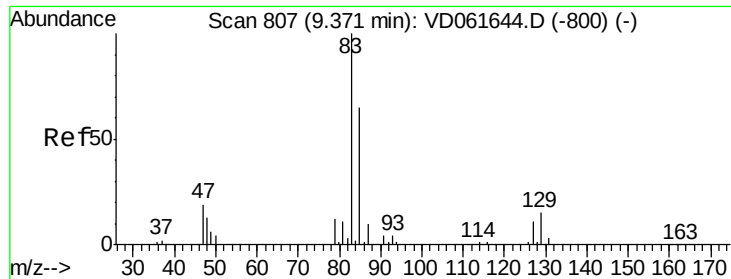
Tot Ion: 63 Resp: 244342
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.5 36.7



#46
 Dibromomethane
 Concen: 62.944 ug/l
 RT: 9.04 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion: 93 Resp: 186348
 Ion Ratio Lower Upper
 93 100
 95 84.3 68.6 103.0
 174 103.7 83.0 124.4

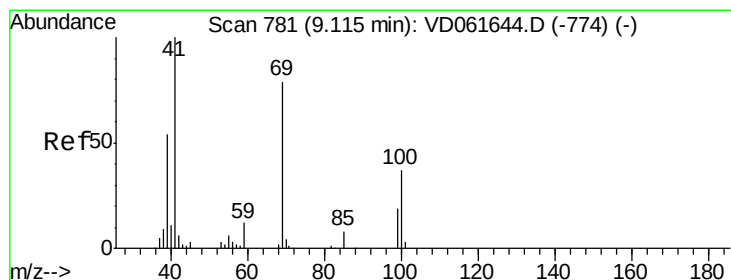
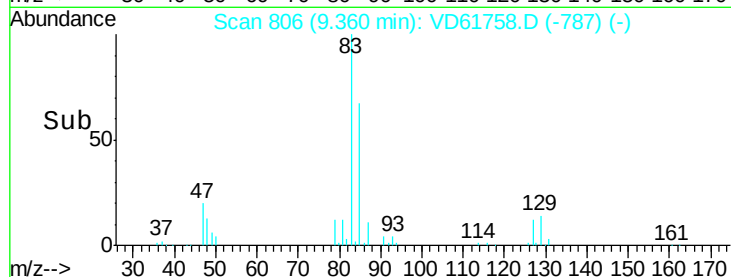
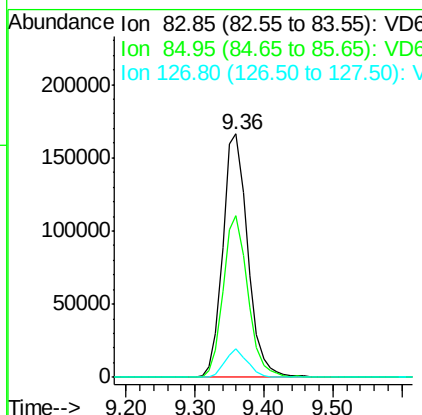
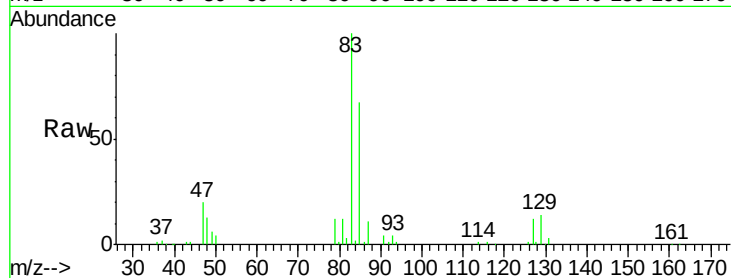




#47
Bromodichloromethane
Concen: 64.400 ug/l
RT: 9.36 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

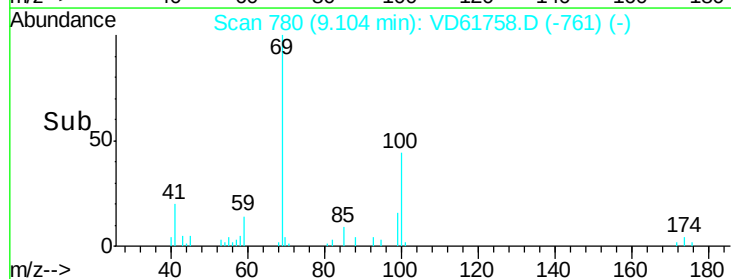
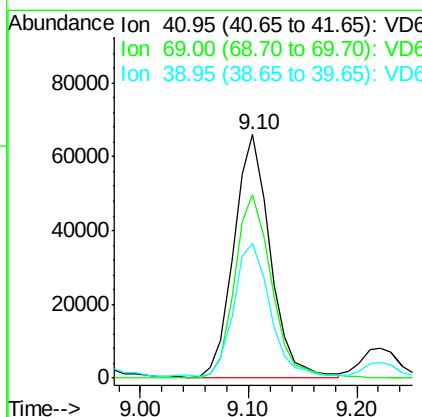
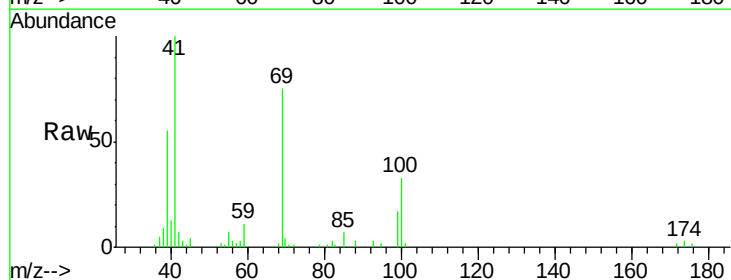
Instrument :
MSVOA_D
ClientSampleId :

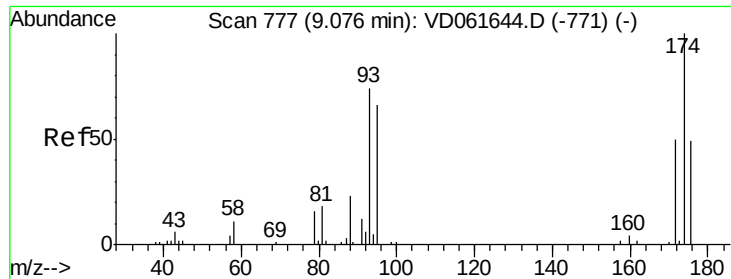
Tot Ion: 83 Resp: 418739
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.6
127 11.6 9.0 13.6



#48
Methyl methacrylate
Concen: 65.852 ug/l
RT: 9.10 min Scan# 780
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 41 Resp: 155361
Ion Ratio Lower Upper
41 100
69 75.3 63.1 94.7
39 55.2 43.8 65.8

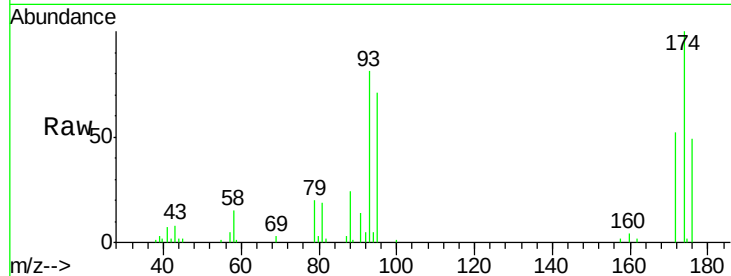




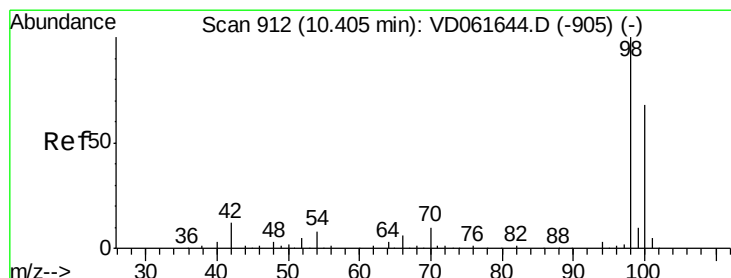
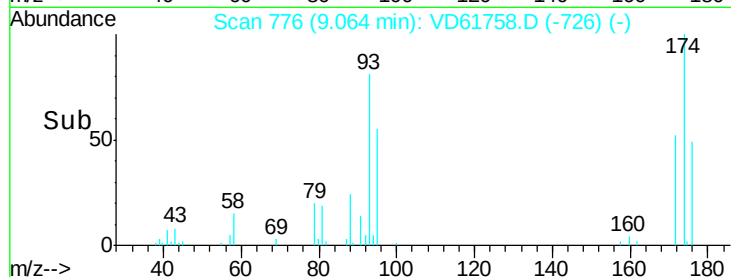
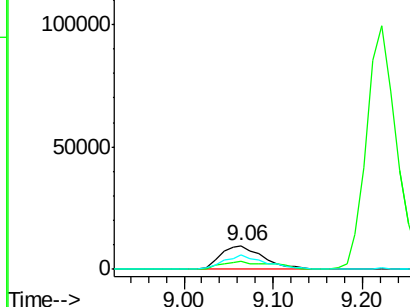
#49
1,4-Dioxane
Concen: 1226.171 ug/l
RT: 9.06 min Scan# 776
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 88 Resp: 31931
Ion Ratio Lower Upper
88 100
43 31.8 21.8 32.8
58 61.1 40.2 60.2#

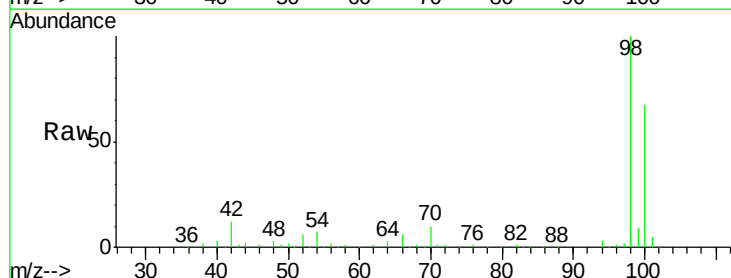


Abundance Ion 88.00 (87.70 to 88.70): VD6
Ion 43.05 (42.75 to 43.75): VD6
Ion 57.95 (57.65 to 58.65): VD6

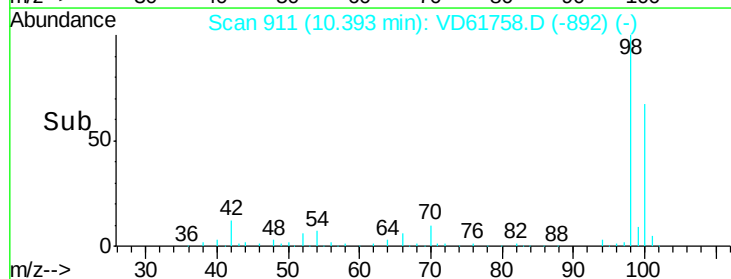
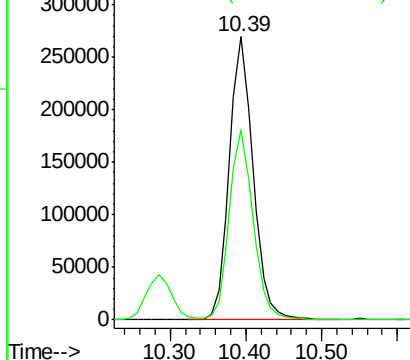


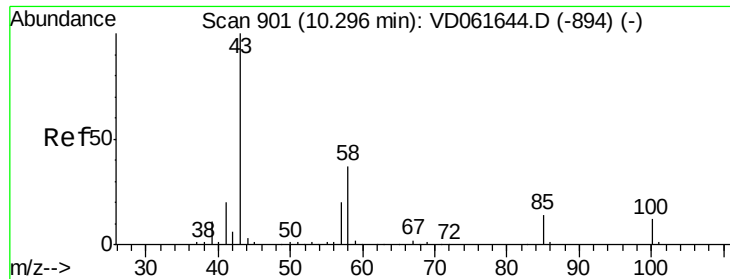
#50
Toluene-d8
Concen: 1226.171 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 98 Resp: 586667
Ion Ratio Lower Upper
98 100
100 67.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD6
Ion 100.05 (99.75 to 100.75): VD6





#51

4-Methyl-2-Pentanone

Concen: 321.454 ug/l

RT: 10.29 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

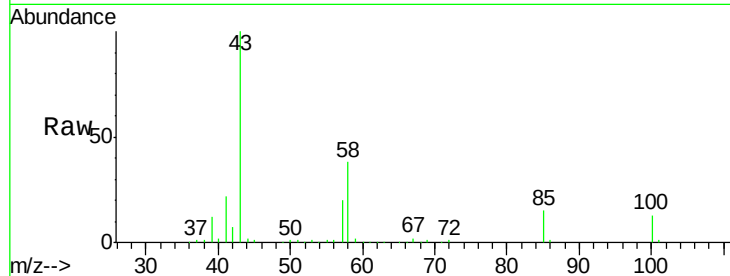
ClientSampleId :

Tot Ion: 43 Resp: 778076

Ion Ratio Lower Upper

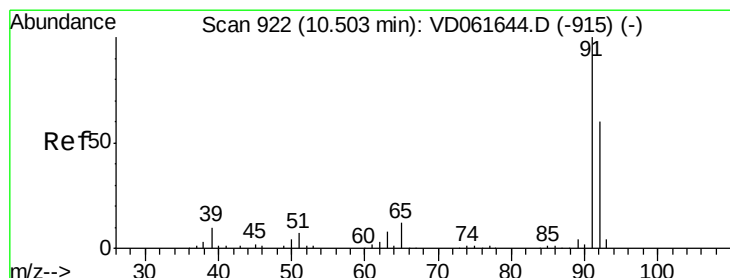
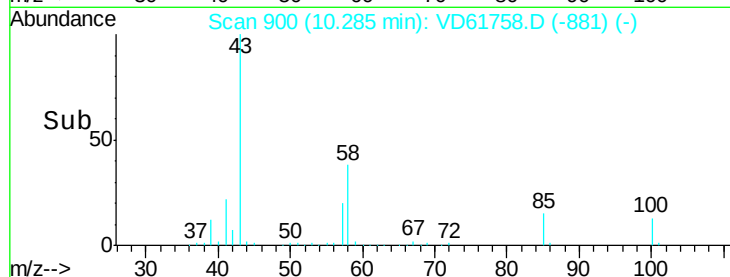
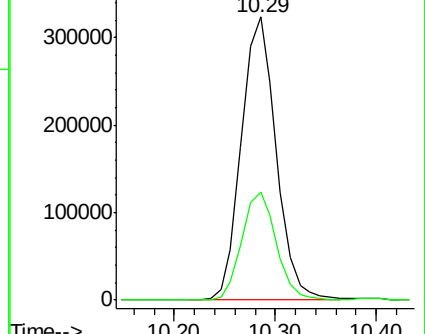
43 100

58 38.0 29.8 44.8



Abundance Ion 42.95 (42.65 to 43.65): VD6

Ion 57.95 (57.65 to 58.65): VD6



#52

Toluene

Concen: 58.131 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.01 min

Lab File: VD61758.D

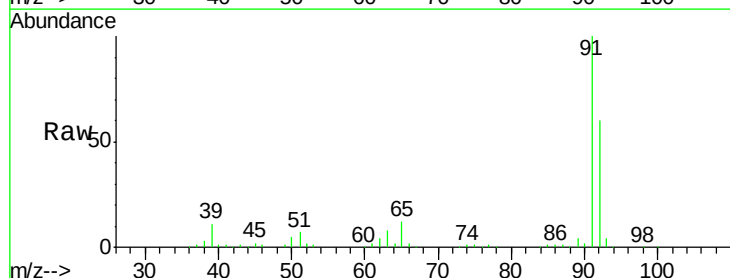
Acq: 12 Apr 2019 1:01

Tgt Ion: 92 Resp: 606329

Ion Ratio Lower Upper

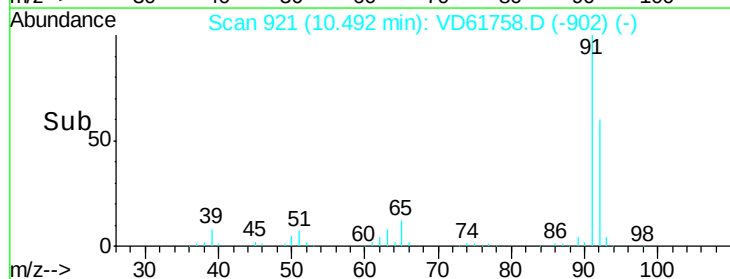
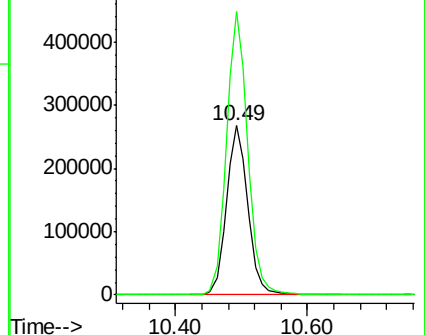
92 100

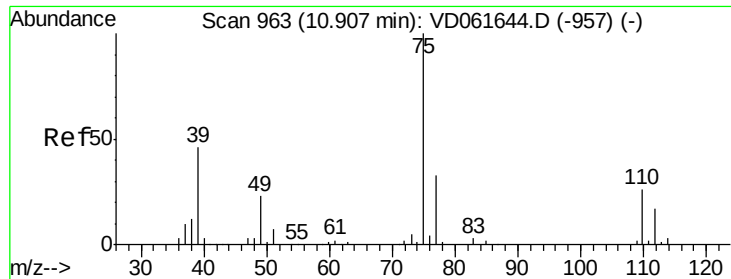
91 167.2 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VD6

Ion 91.00 (90.70 to 91.70): VD6

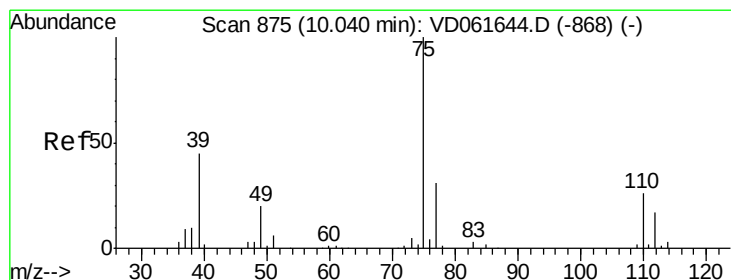
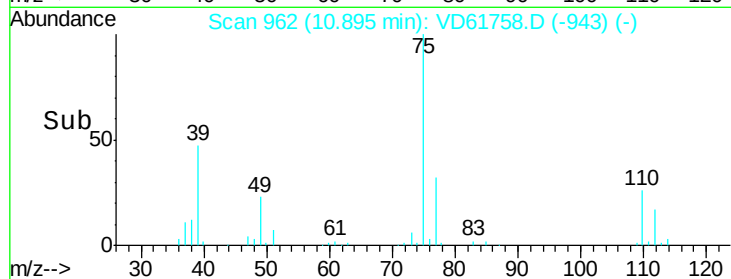
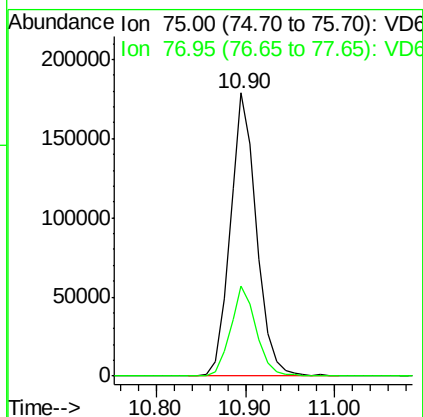
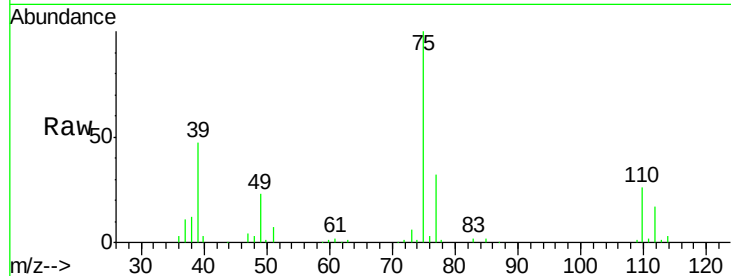




#53
 t-1,3-Dichloropropene
 Concen: 64.410 ug/l
 RT: 10.90 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

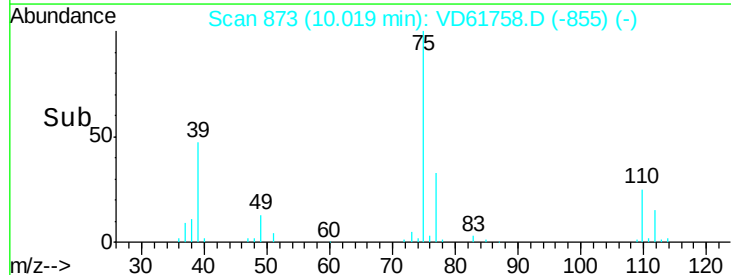
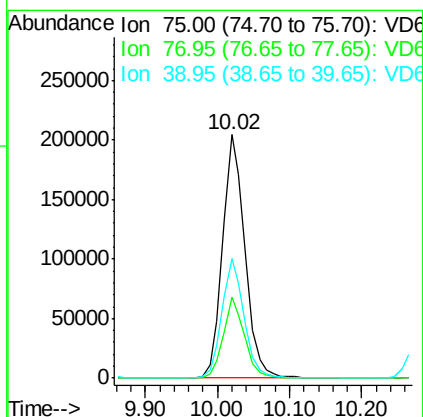
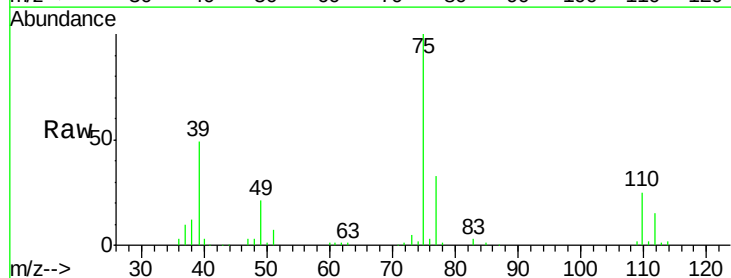
Instrument :
 MSVOA_D
 ClientSampleId :

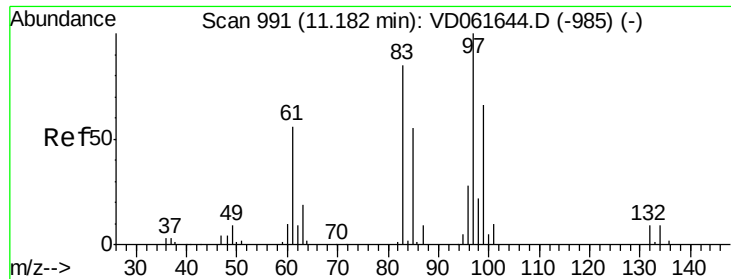
Tot Ion: 75 Resp: 367111
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 62.390 ug/l
 RT: 10.02 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion: 75 Resp: 438357
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0
 39 49.0 36.2 54.2

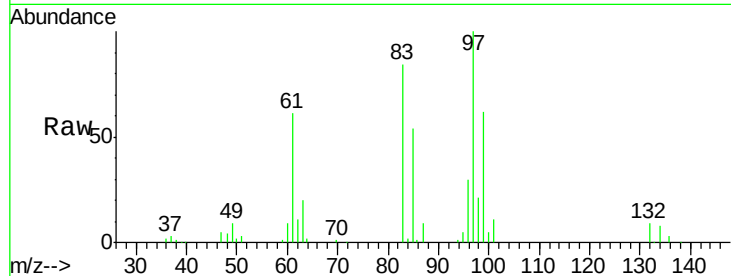




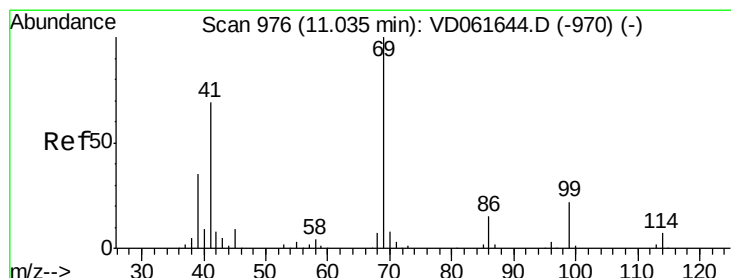
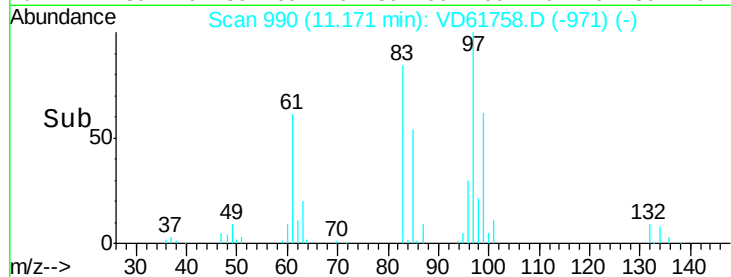
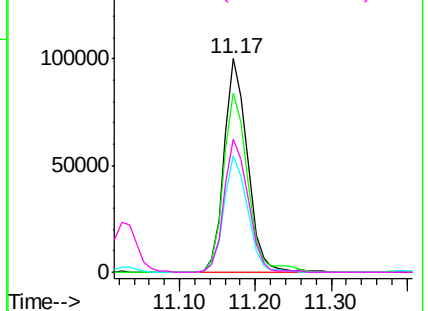
#55
 1,1,2-Trichloroethane
 Concen: 60.968 ug/l
 RT: 11.17 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	214473
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.8	101.6
85	54.4	43.8	65.8
99	62.5	52.8	79.2

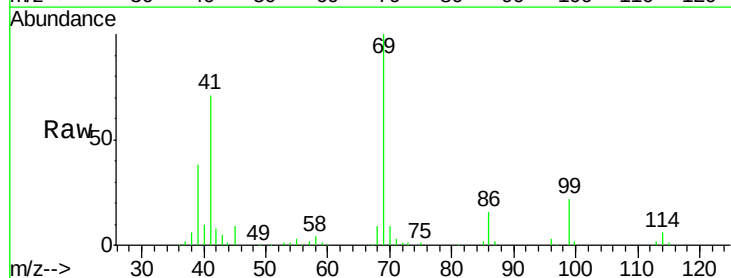


Abundance Ion 96.85 (96.55 to 97.55): VD6
 Ion 82.95 (82.65 to 83.65): VD6
 Ion 84.95 (84.65 to 85.65): VD6
 Ion 98.85 (98.55 to 99.55): VD6

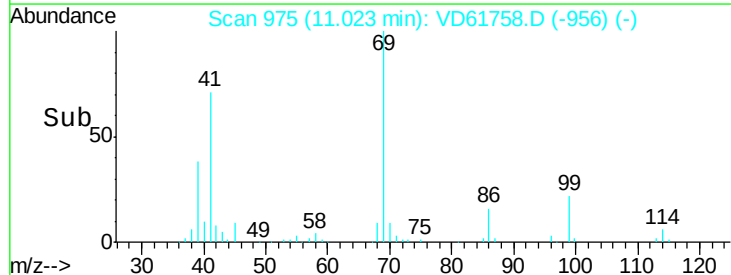
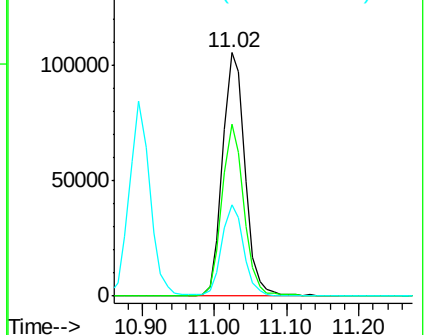


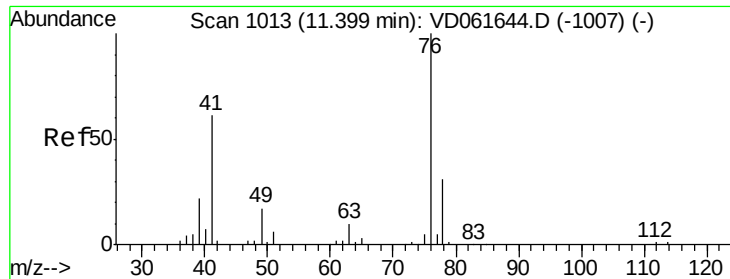
#56
 Ethyl methacrylate
 Concen: 61.043 ug/l
 RT: 11.02 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion:	69	Resp:	226534
Ion	Ratio	Lower	Upper
69	100		
41	70.9	55.2	82.8
39	37.7	28.6	43.0



Abundance Ion 69.00 (68.70 to 69.70): VD6
 Ion 41.05 (40.75 to 41.75): VD6
 Ion 38.95 (38.65 to 39.65): VD6

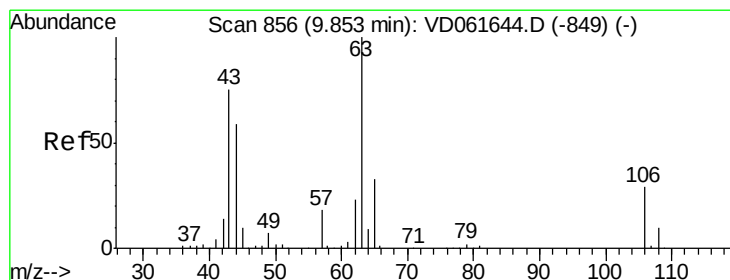
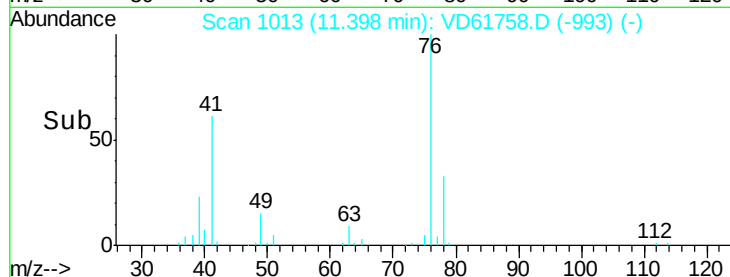
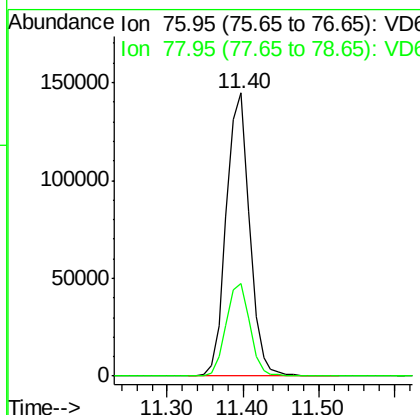
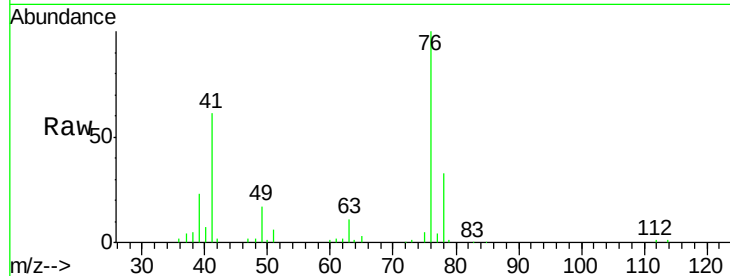




#57
 1,3-Dichloropropane
 Concen: 59.831 ug/l
 RT: 11.40 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

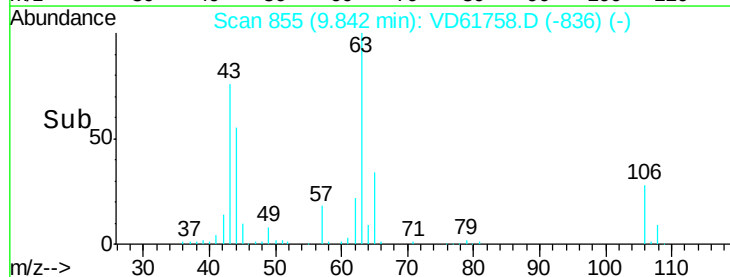
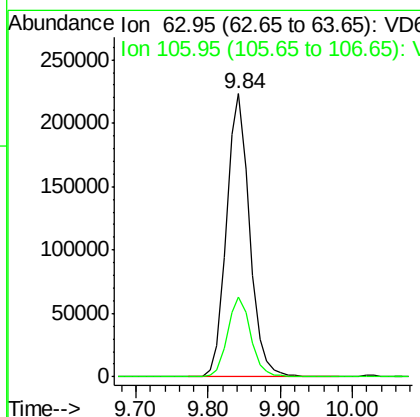
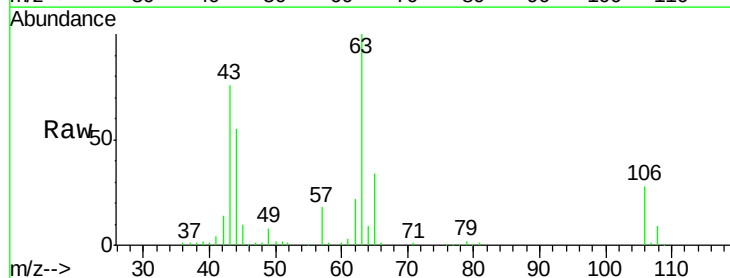
Instrument :
 MSVOA_D
 ClientSampleId :

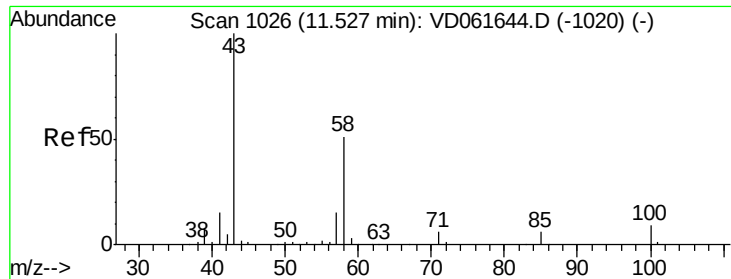
Tot Ion: 76 Resp: 308230
 Ion Ratio Lower Upper
 76 100
 78 32.5 24.5 36.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.162 ug/l
 RT: 9.84 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion: 63 Resp: 495831
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.0 34.6

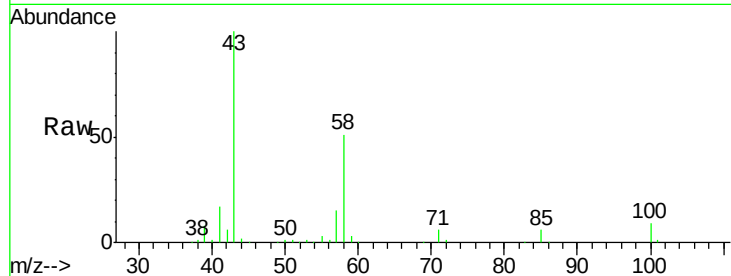




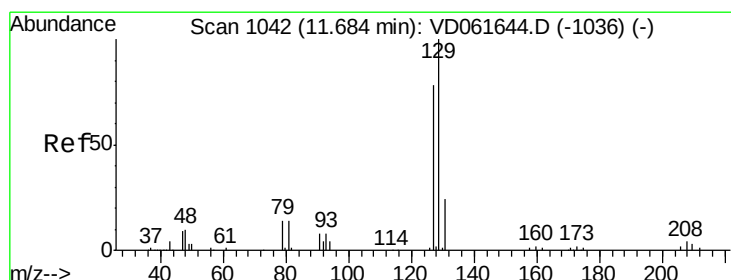
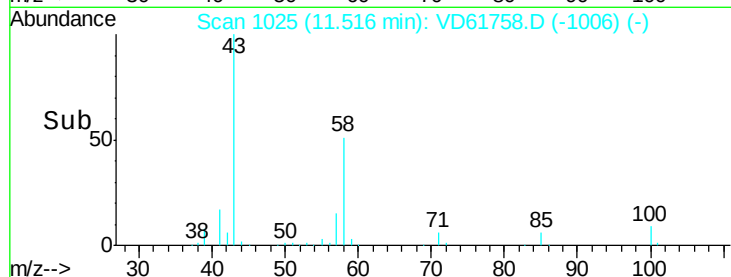
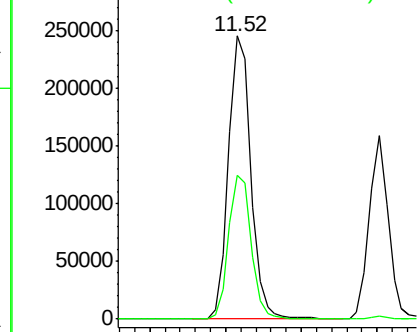
#59
2-Hexanone
Concen: 268.907 ug/l
RT: 11.52 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 505139
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.8

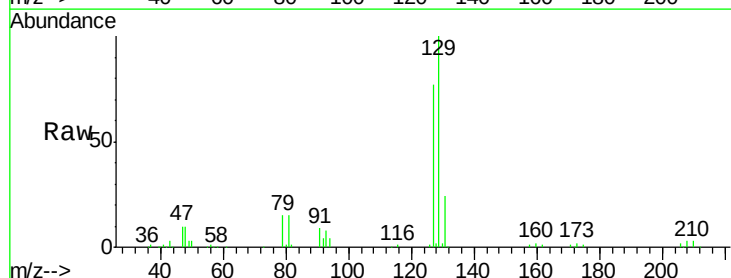


Abundance Ion 42.95 (42.65 to 43.65): VD6
Ion 57.95 (57.65 to 58.65): VD6

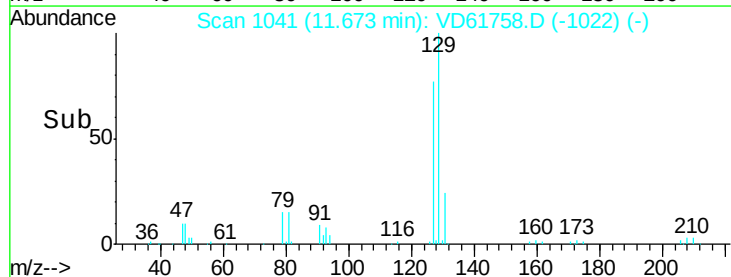
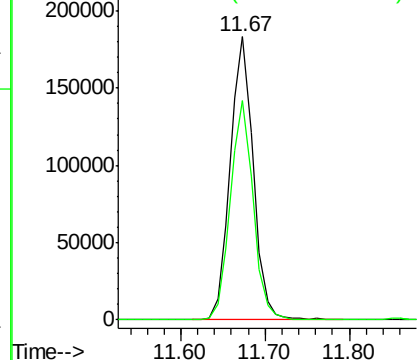


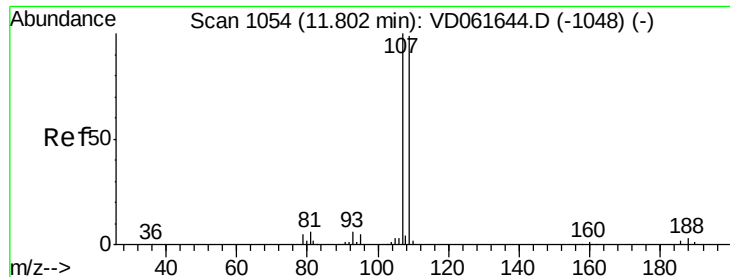
#60
Dibromochloromethane
Concen: 62.599 ug/l
RT: 11.67 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion:129 Resp: 347916
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

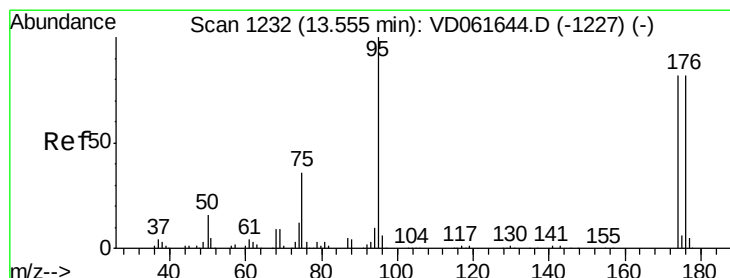
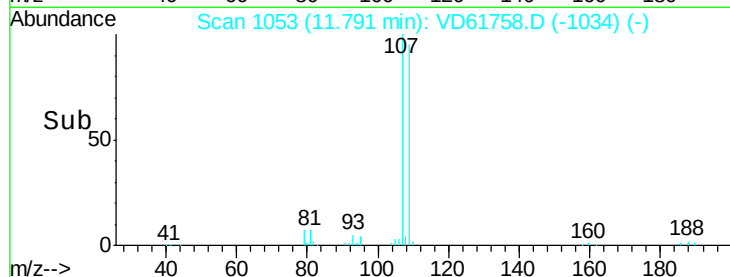
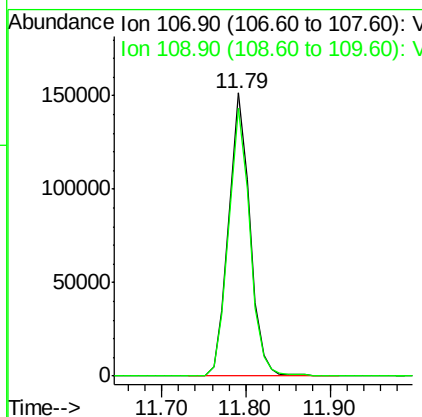
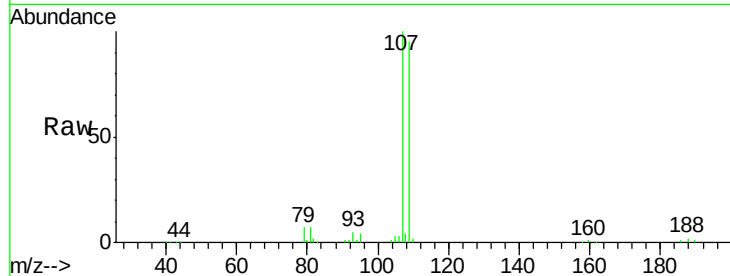




#61
 1,2-Dibromoethane
 Concen: 65.255 ug/l
 RT: 11.79 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

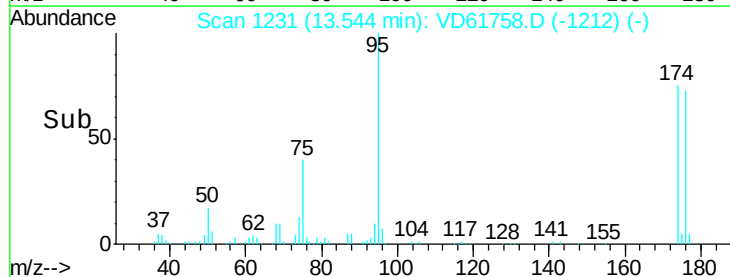
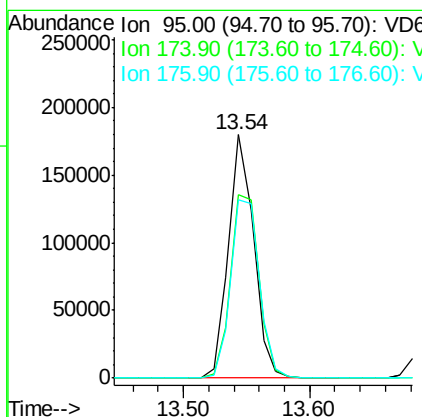
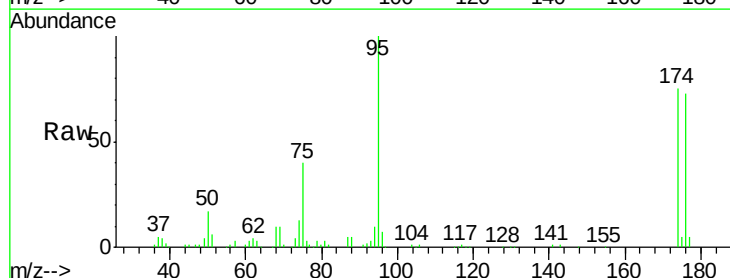
Instrument :
 MSVOA_D
 ClientSampleId :

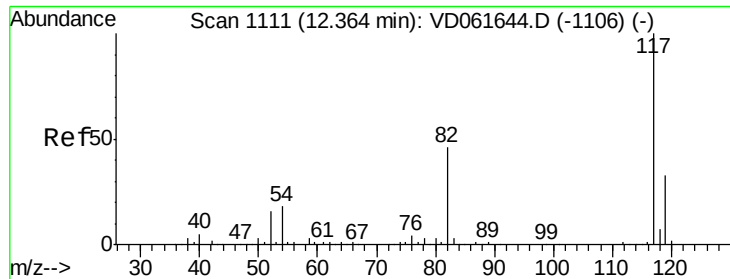
Tot Ion: 107 Resp: 268458
 Ion Ratio Lower Upper
 107 100
 109 94.6 79.2 118.8



#62
 4-Bromofluorobenzene
 Concen: 65.255 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion: 95 Resp: 248046
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 164.6
 176 73.2 0.0 165.0

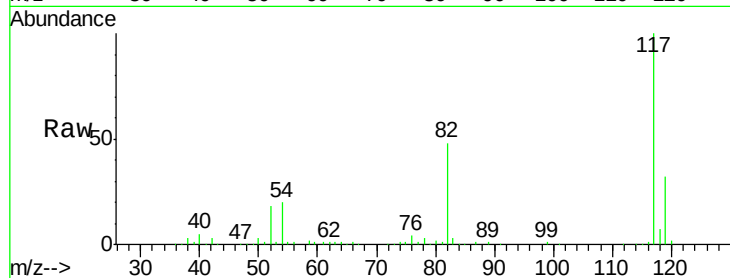




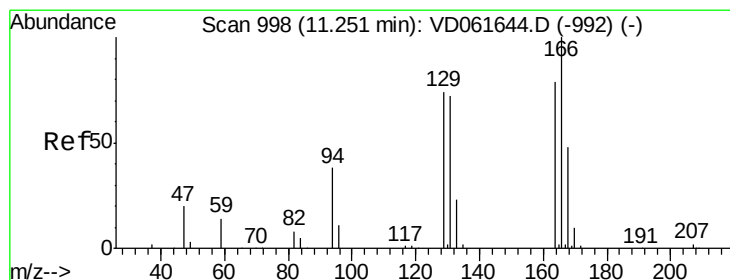
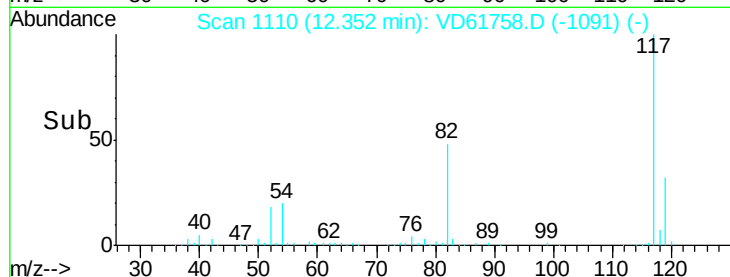
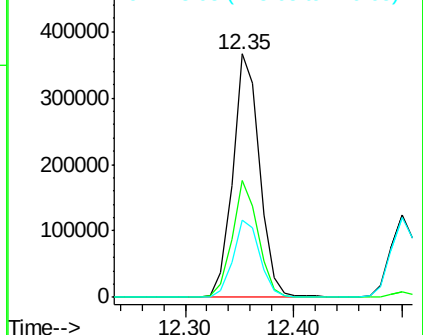
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 629289
Ion Ratio Lower Upper
117 100
82 47.8 36.8 55.2
119 31.6 26.1 39.1

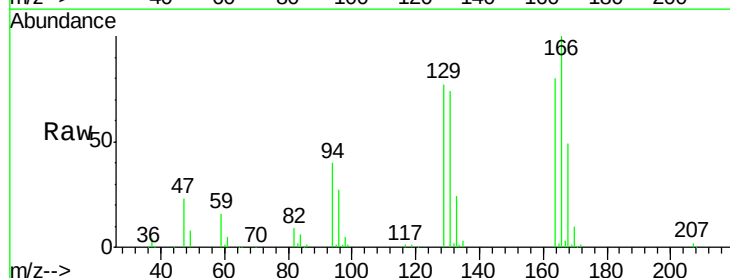


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD6
Ion 118.95 (118.65 to 119.65): V

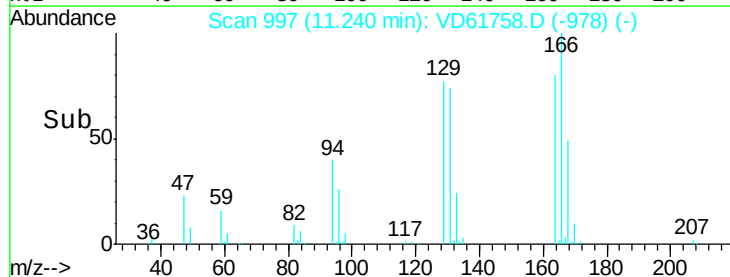
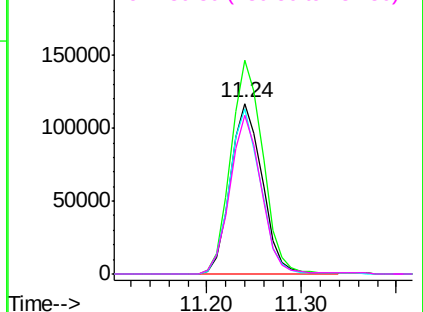


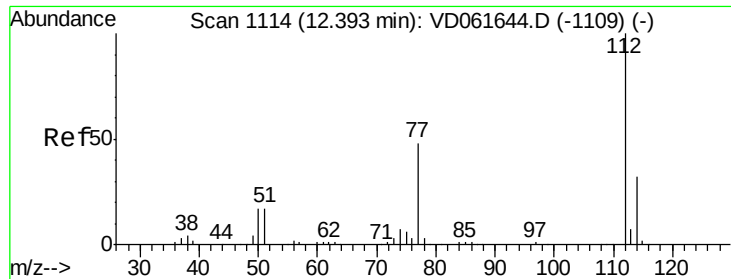
#64
Tetrachloroethene
Concen: 55.903 ug/l
RT: 11.24 min Scan# 997
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion:164 Resp: 273071
Ion Ratio Lower Upper
164 100
166 125.1 101.8 152.8
129 96.7 75.4 113.0
131 93.0 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

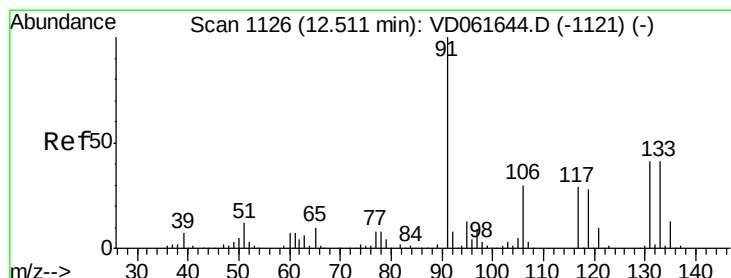
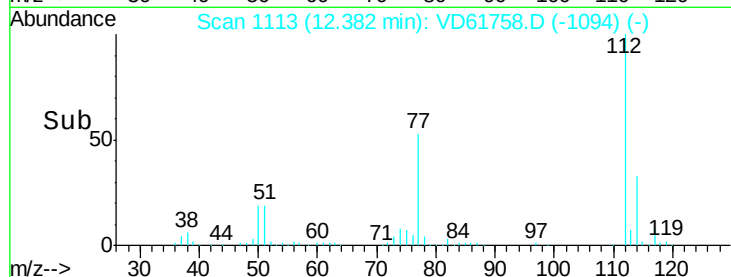
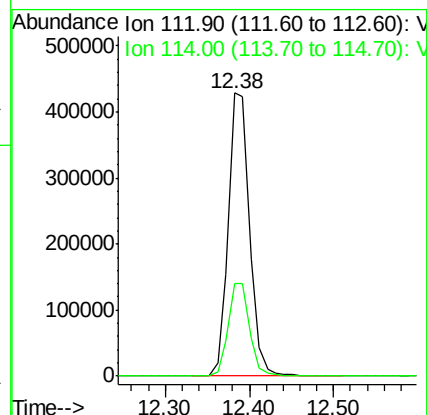
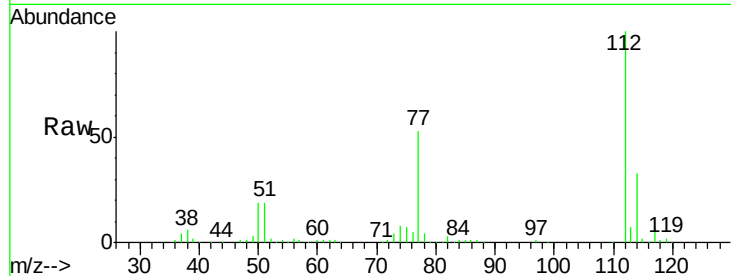




#65
Chlorobenzene
Concen: 60.197 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

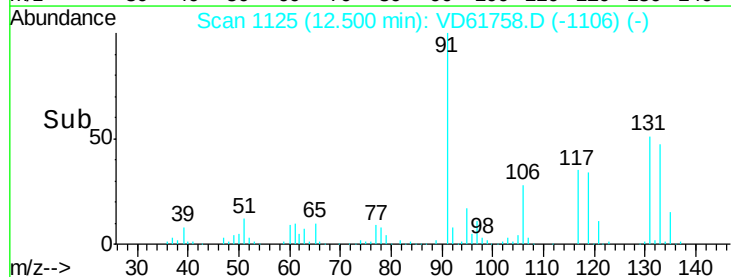
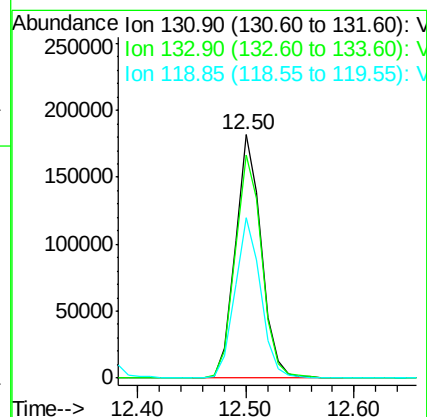
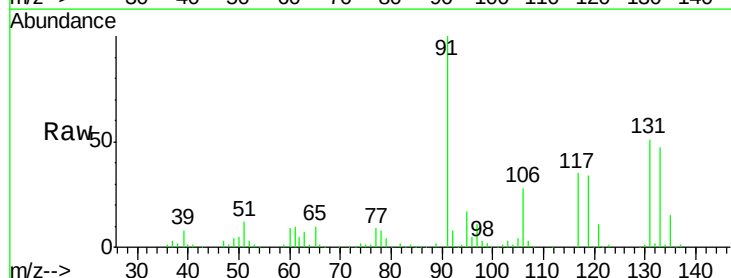
Instrument :
MSVOA_D
ClientSampled :

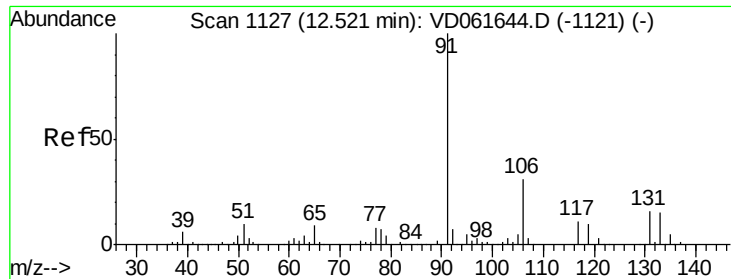
Tot Ion:112 Resp: 751231
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 63.133 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion:131 Resp: 303176
Ion Ratio Lower Upper
131 100
133 91.7 49.5 148.3
119 66.1 34.7 104.1

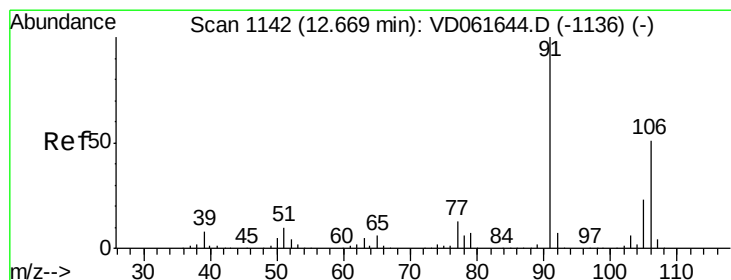
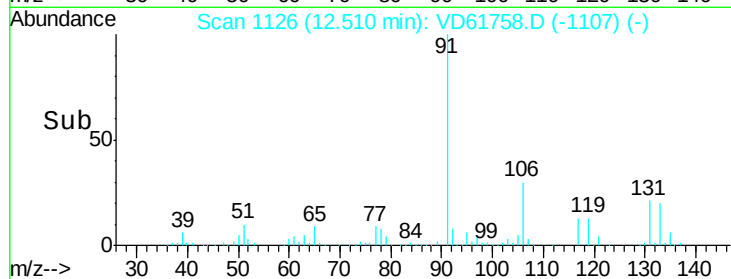
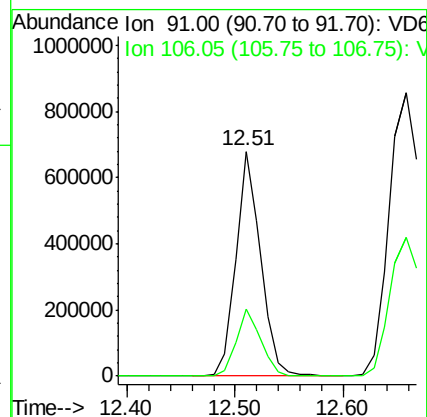
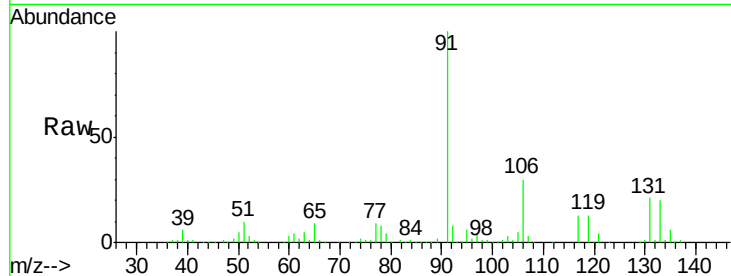




#67
Ethyl Benzene
Concen: 56.584 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

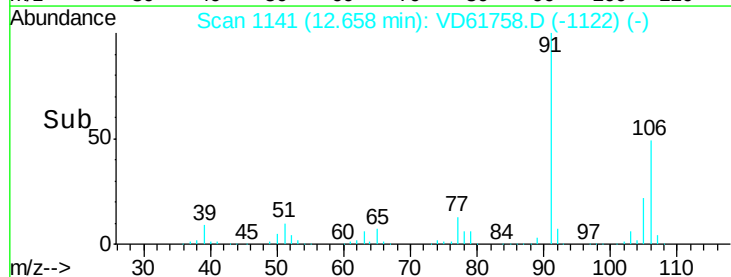
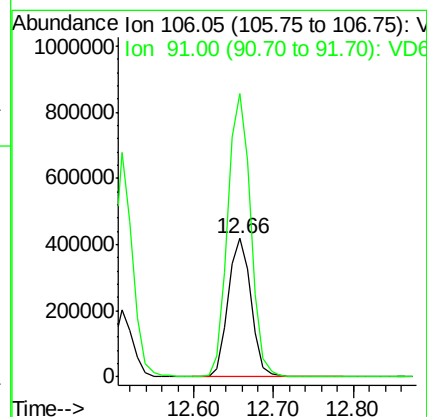
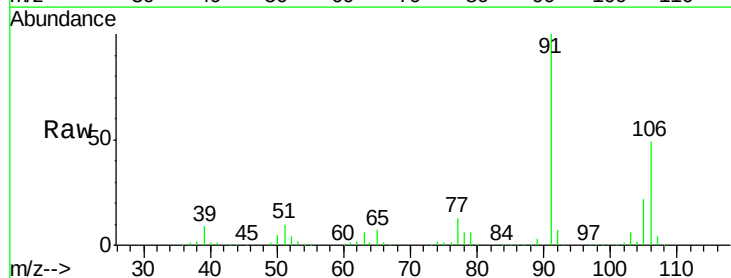
Instrument :
MSVOA_D
ClientSampled :

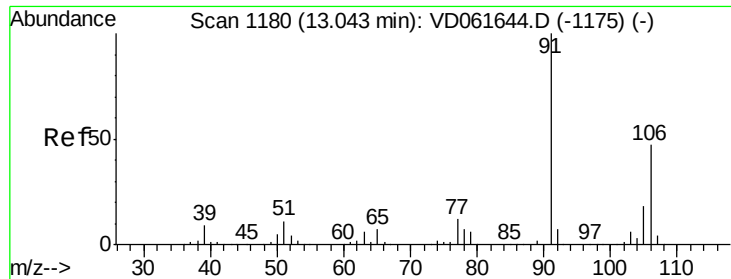
Tot Ion: 91 Resp: 1075304
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 116.228 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 106 Resp: 851526
Ion Ratio Lower Upper
106 100
91 204.5 156.7 235.1

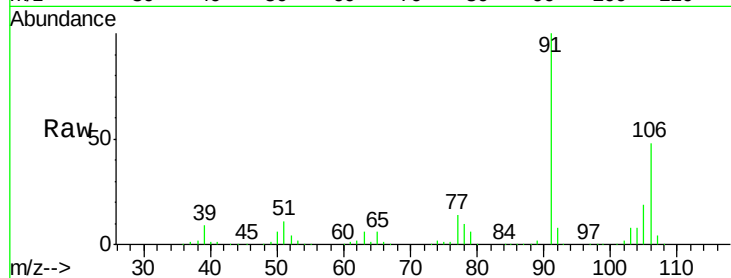




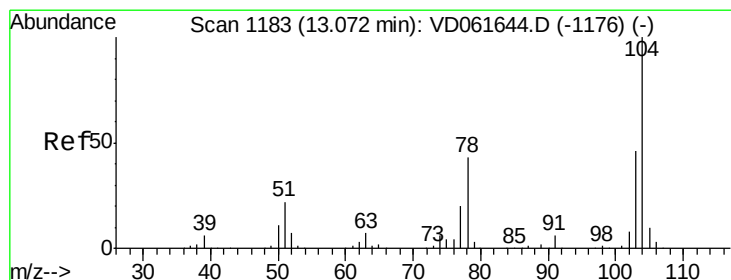
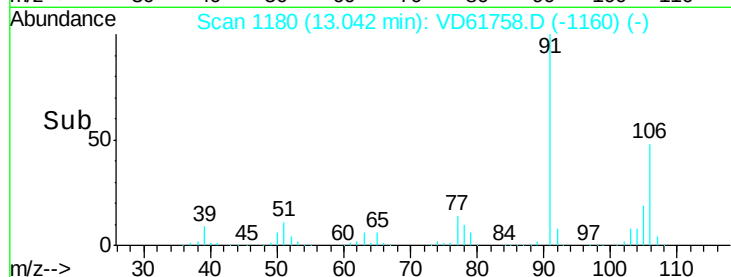
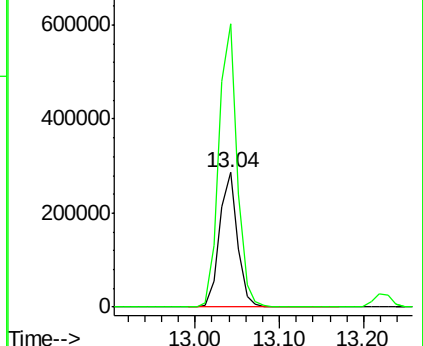
#69
o-Xylene
Concen: 59.905 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 423659
Ion Ratio Lower Upper
106 100
91 209.9 107.3 321.9

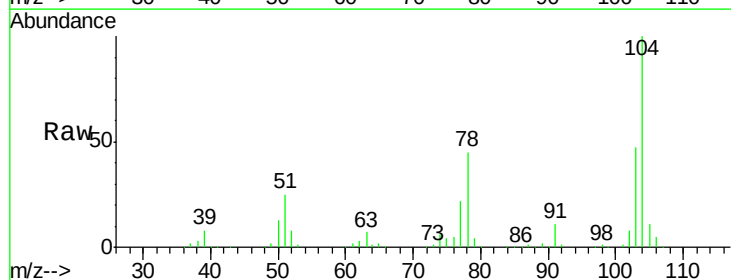


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VD6

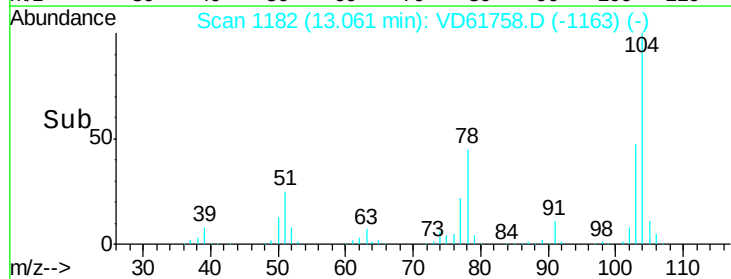
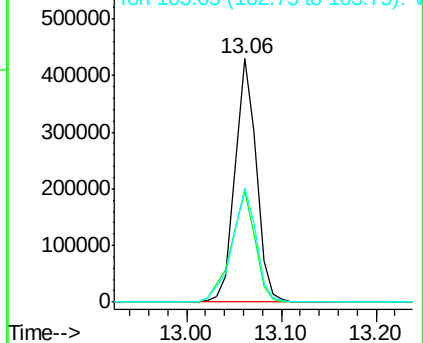


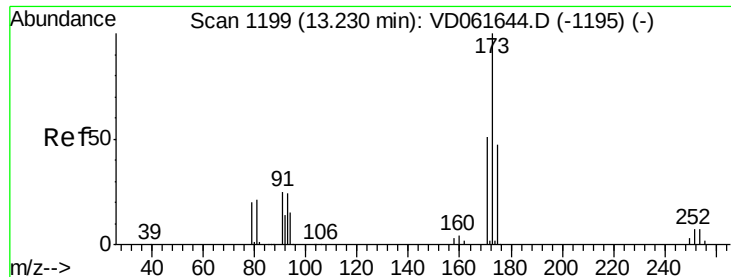
#70
Styrene
Concen: 55.757 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion:104 Resp: 673425
Ion Ratio Lower Upper
104 100
78 45.5 34.2 51.4
103 46.9 37.2 55.8



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VD6
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 64.461 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

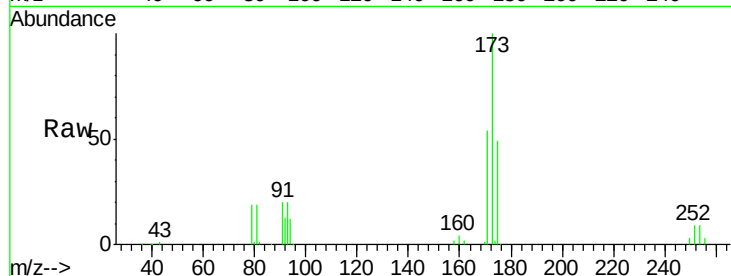
Tot Ion:173 Resp: 192065

Ion Ratio Lower Upper

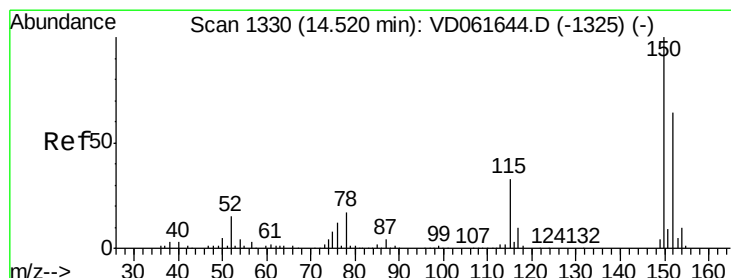
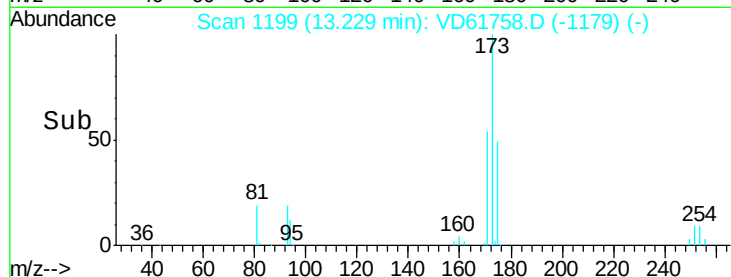
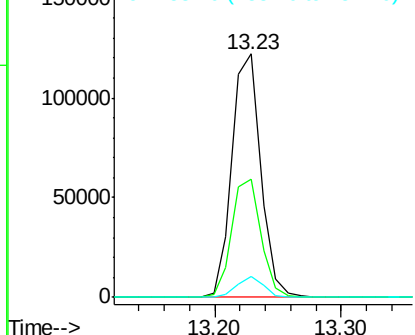
173 100

175 48.7 23.7 71.1

254 8.7 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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

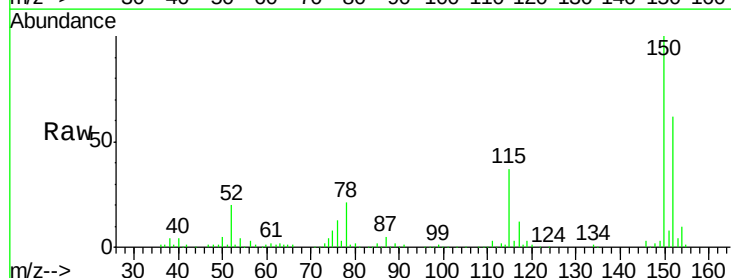
Tgt Ion:152 Resp: 308459

Ion Ratio Lower Upper

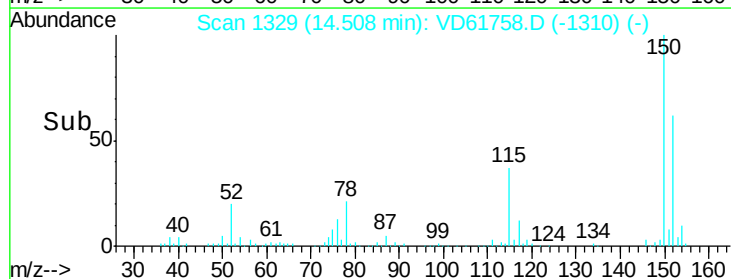
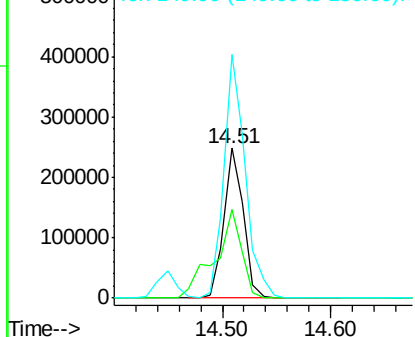
152 100

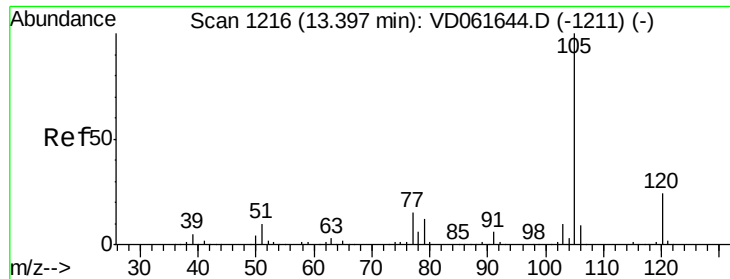
115 59.6 26.4 79.2

150 162.4 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: 56.623 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

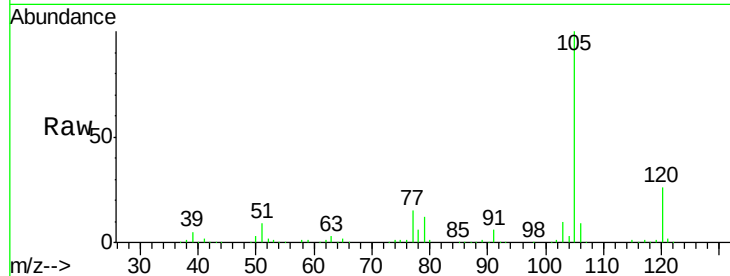
ClientSampleId :

Tot Ion:105 Resp: 1163767

Ion Ratio Lower Upper

105 100

120 25.9 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

800000

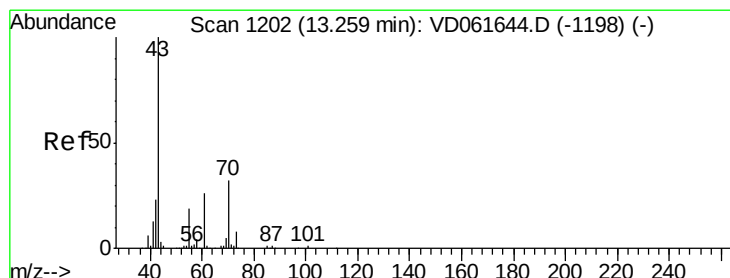
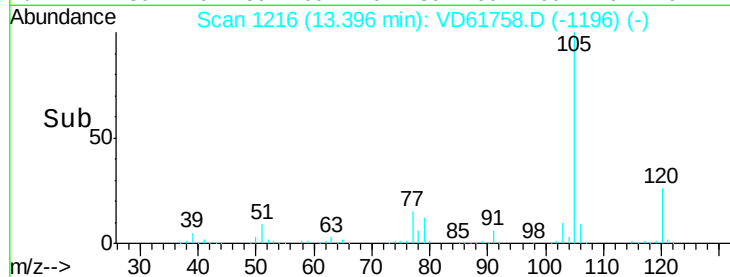
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 57.877 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Tgt Ion: 43 Resp: 323204

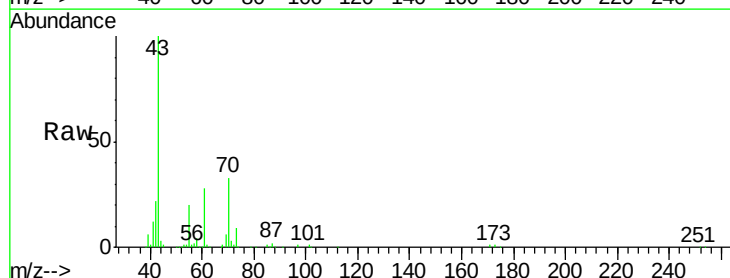
Ion Ratio Lower Upper

43 100

70 32.7 25.4 38.2

55 19.7 15.0 22.4

61 27.7 20.9 31.3



Abundance Ion 42.95 (42.65 to 43.65): VD6

Ion 70.00 (69.70 to 70.70): VD6

Ion 55.00 (54.70 to 55.70): VD6

Ion 60.95 (60.65 to 61.65): VD6

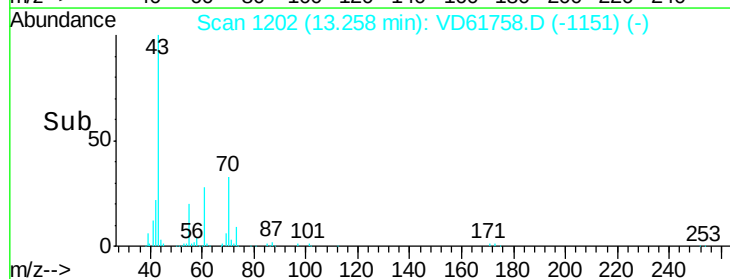
300000

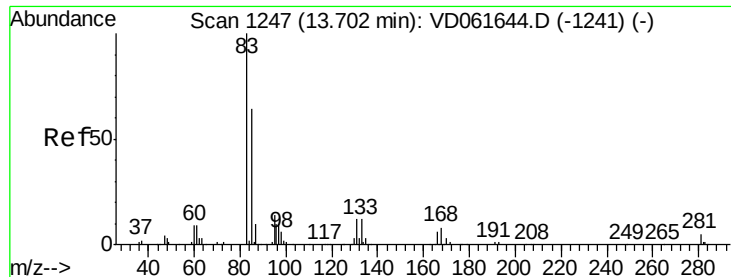
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.659 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

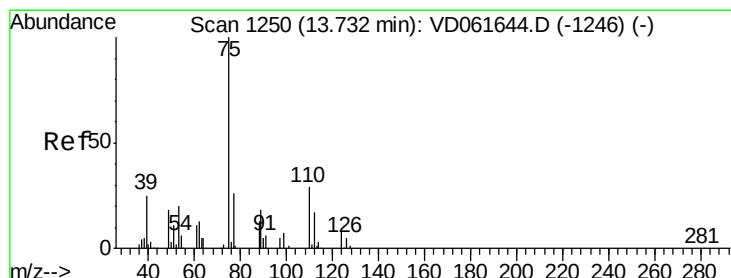
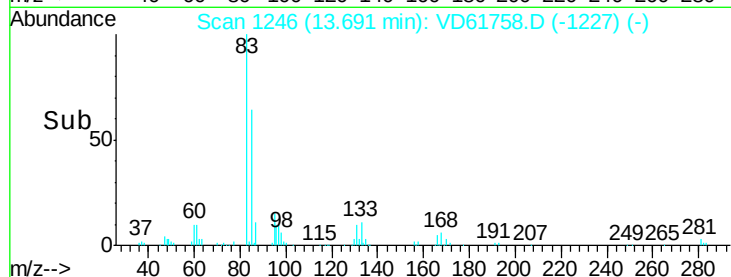
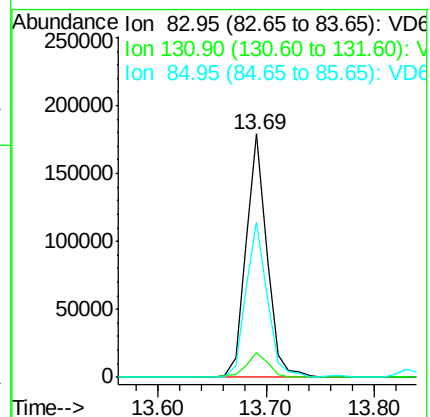
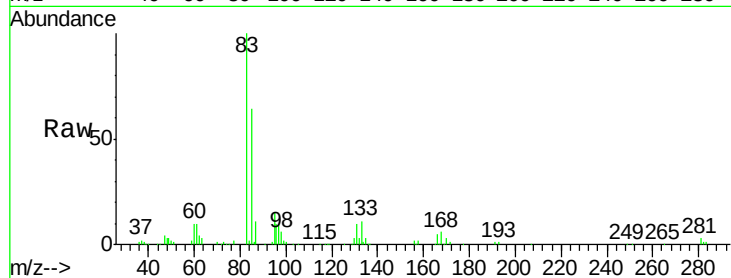
Tot Ion: 83 Resp: 240783

Ion Ratio Lower Upper

83 100

131 10.3 5.9 17.6

85 63.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 56.667 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD61758.D

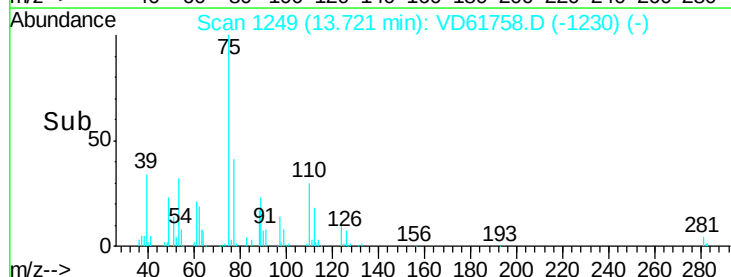
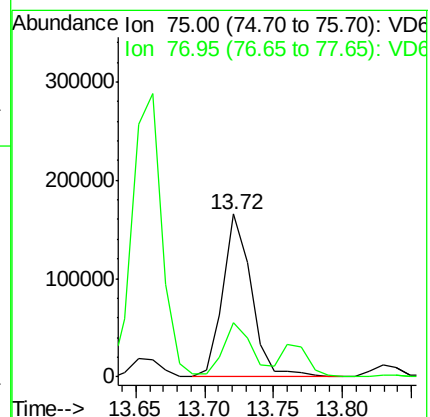
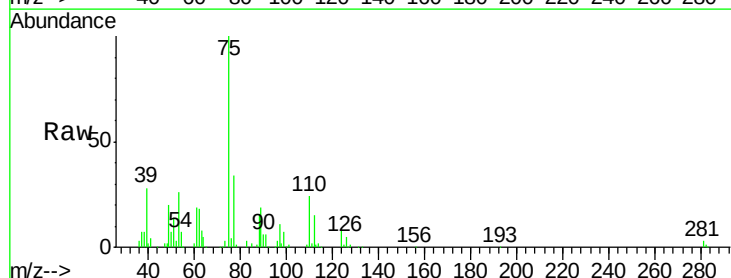
Acq: 12 Apr 2019 1:01

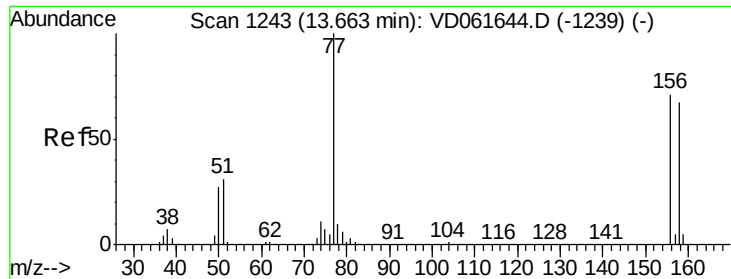
Tgt Ion: 75 Resp: 237809

Ion Ratio Lower Upper

75 100

77 33.6 15.7 47.1





#77

Bromobenzene

Concen: 57.335 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

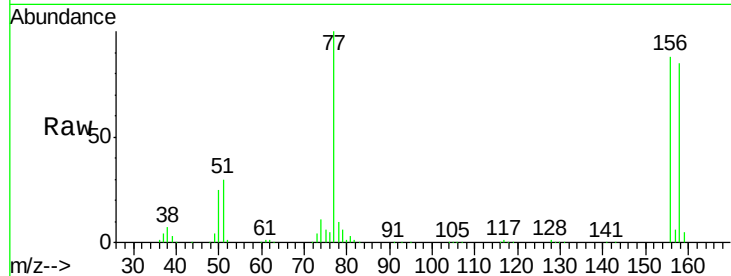
Tot Ion:156 Resp: 342049

Ion Ratio Lower Upper

156 100

77 114.2 70.3 210.8

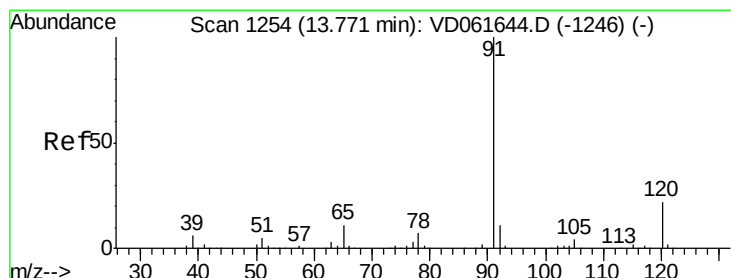
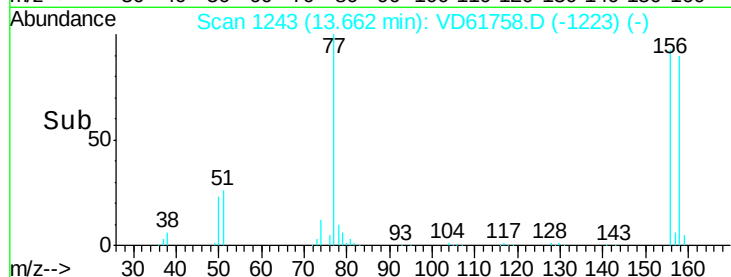
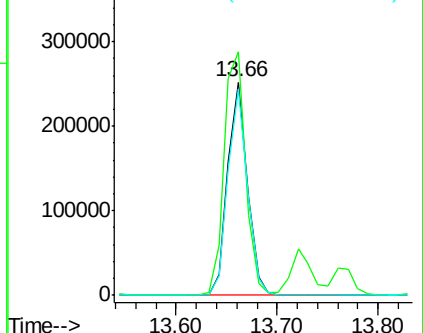
158 96.6 47.4 142.2



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VD6

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 52.087 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD61758.D

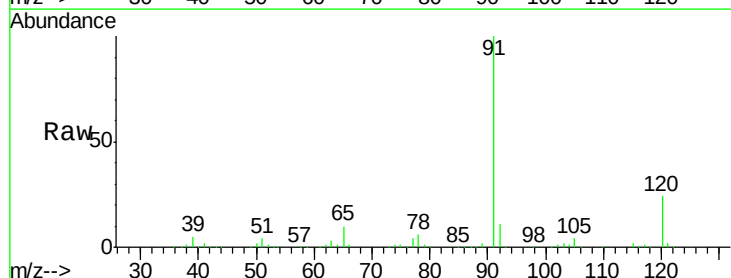
Acq: 12 Apr 2019 1:01

Tgt Ion: 91 Resp: 1280594

Ion Ratio Lower Upper

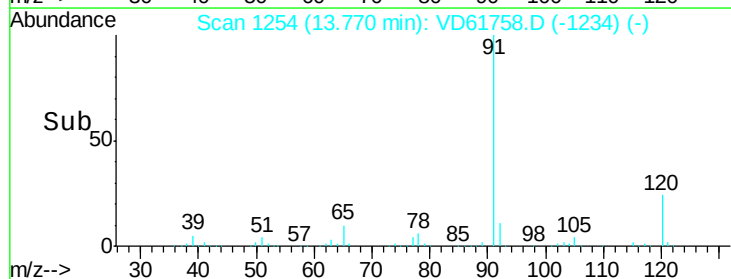
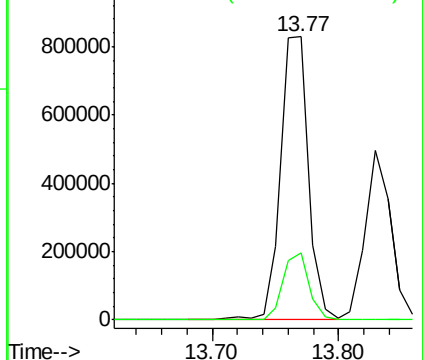
91 100

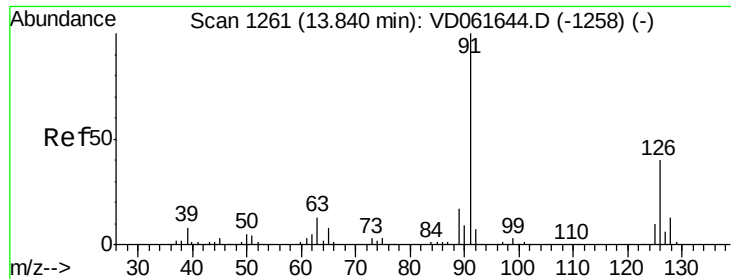
120 23.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VD6

Ion 120.05 (119.75 to 120.75): V

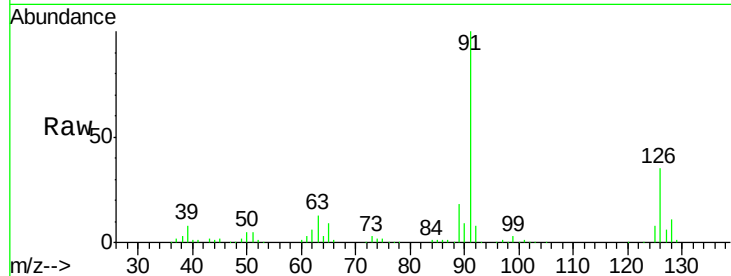




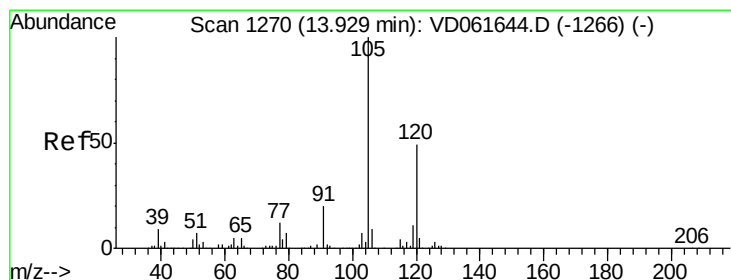
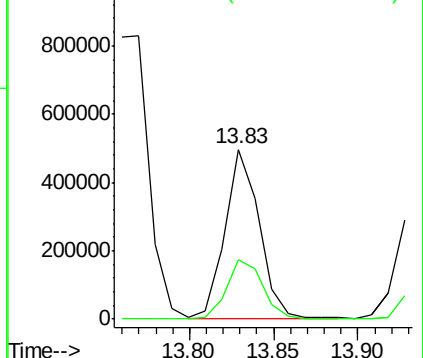
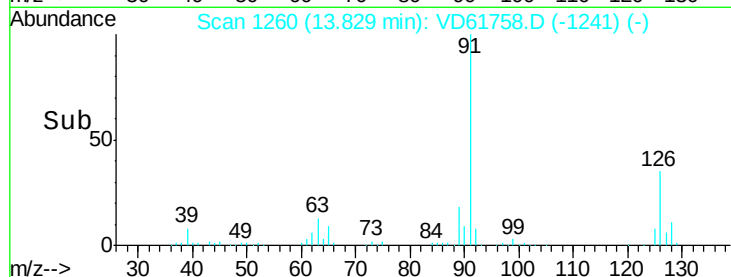
#79
 2-Chlorotoluene
 Concen: 49.850 ug/l
 RT: 13.83 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 91 Resp: 700857
 Ion Ratio Lower Upper
 91 100
 126 35.2 20.0 59.9

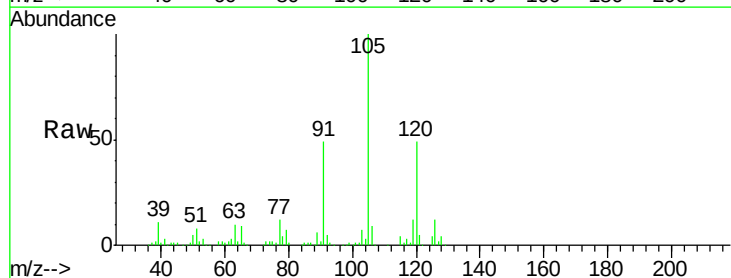


Abundance Ion 91.00 (90.70 to 91.70): VD61758.D (-1241) (-)
 Ion 125.95 (125.65 to 126.65): VD61758.D (-1241) (-)

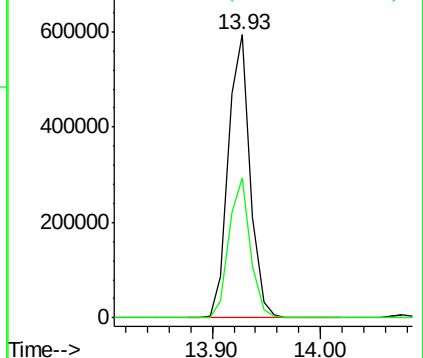
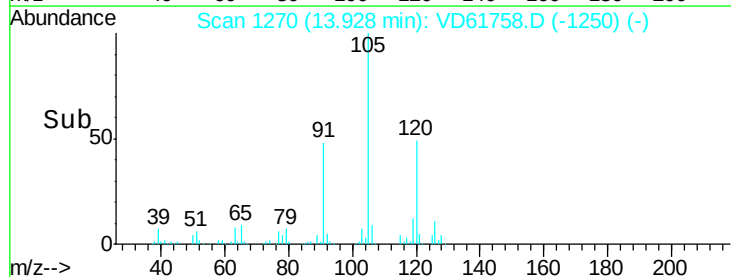


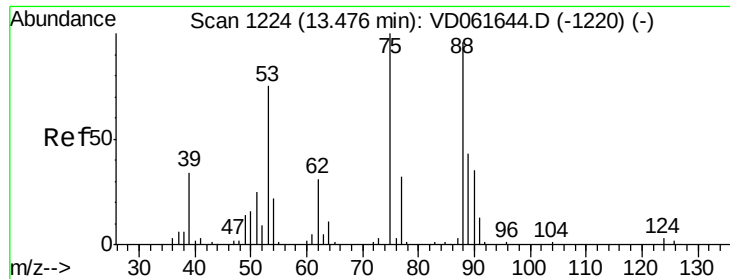
#80
 1,3,5-Trimethylbenzene
 Concen: 50.812 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion: 105 Resp: 828902
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): VD61758.D (-1250) (-)
 Ion 120.05 (119.75 to 120.75): VD61758.D (-1250) (-)

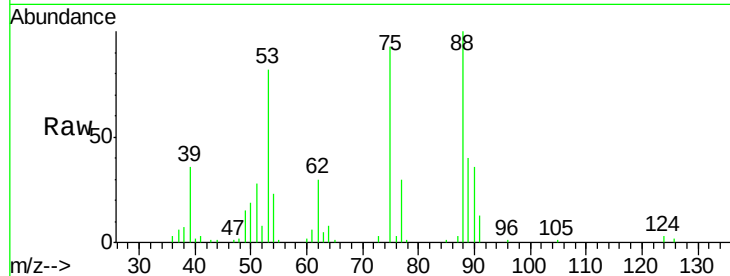




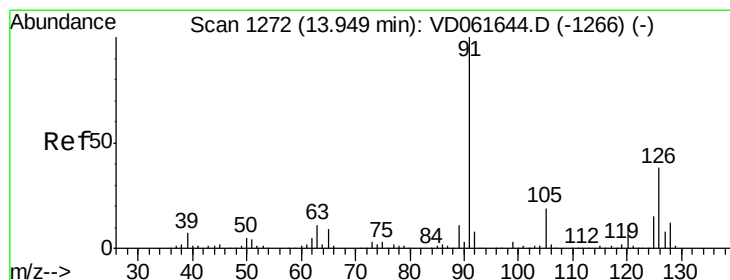
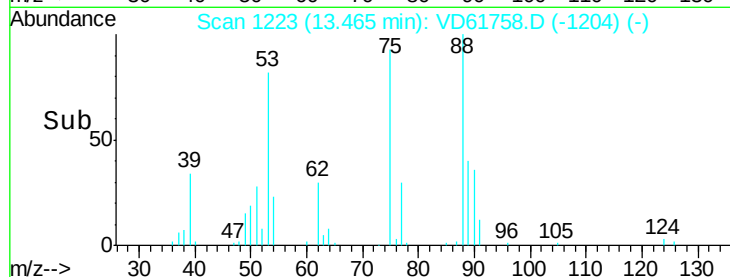
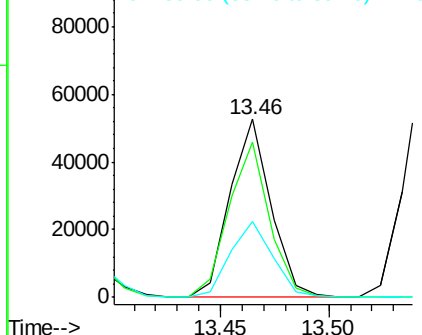
#81
trans-1,4-Dichloro-2-butene
Concen: 54.595 ug/l
RT: 13.46 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 69525
Ion Ratio Lower Upper
75 100
53 87.6 60.2 90.2
89 42.5 34.2 51.2

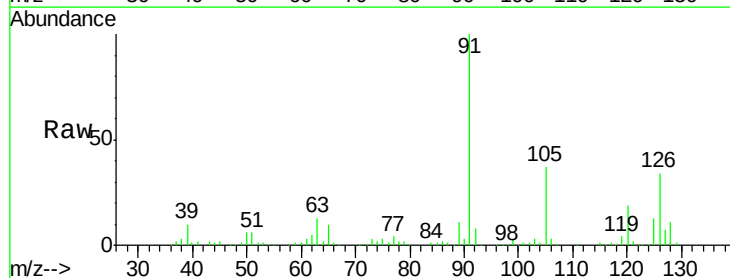


Abundance Ion 75.00 (74.70 to 75.70): VD6
Ion 53.00 (52.70 to 53.70): VD6
Ion 89.00 (88.70 to 89.70): VD6

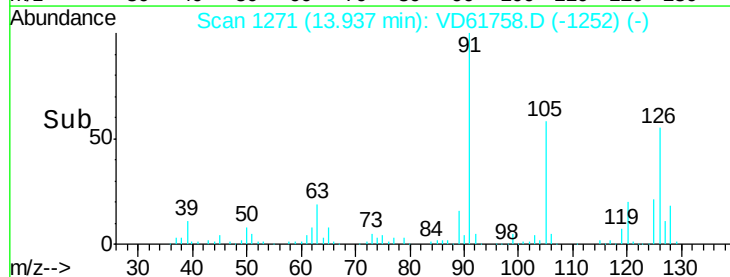
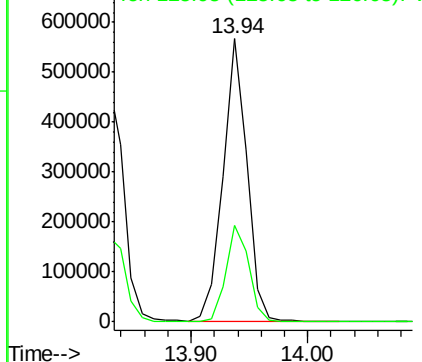


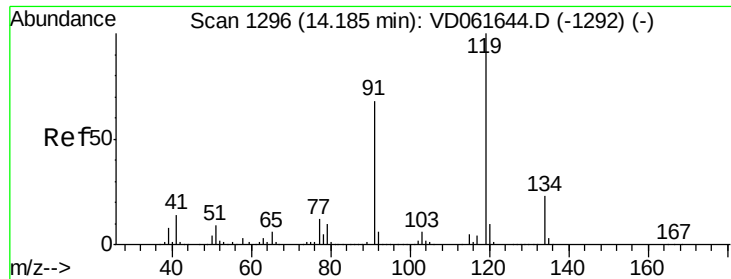
#82
4-Chlorotoluene
Concen: 52.274 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion: 91 Resp: 805327
Ion Ratio Lower Upper
91 100
126 34.1 19.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VD6
Ion 125.95 (125.65 to 126.65): V

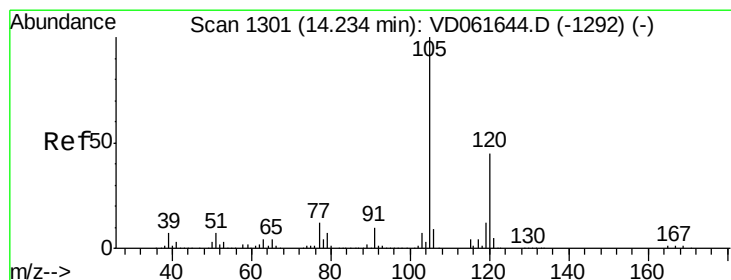
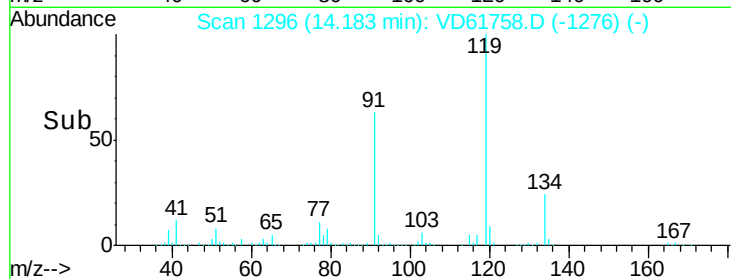
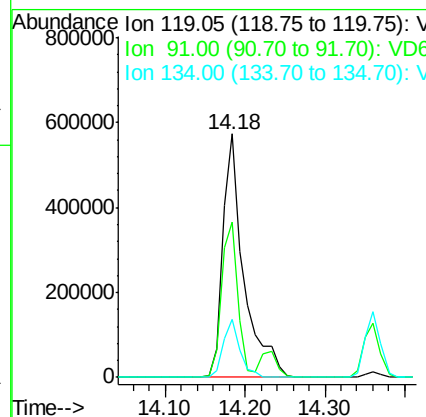
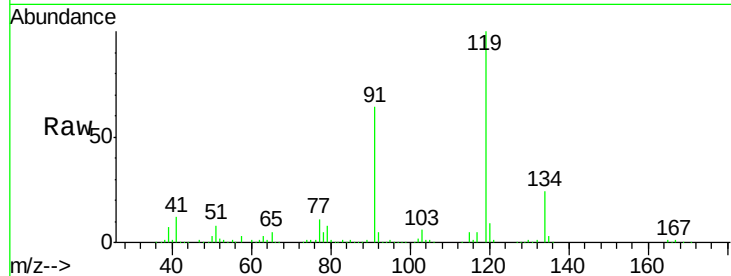




#83
 tert-Butylbenzene
 Concen: 54.016 ug/l
 RT: 14.18 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

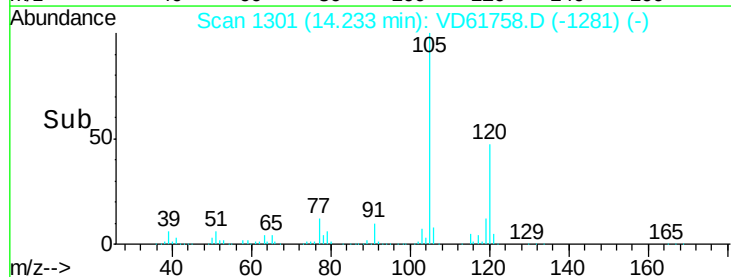
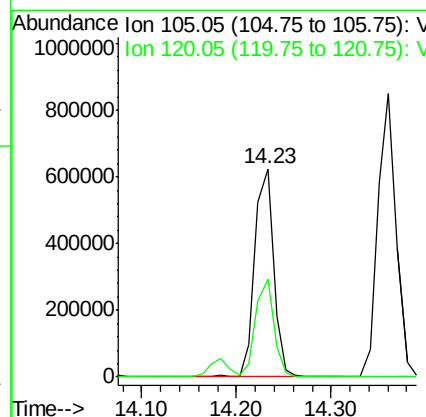
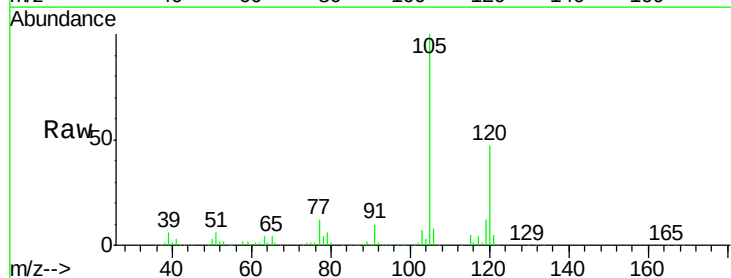
Instrument :
 MSVOA_D
 ClientSampleId :

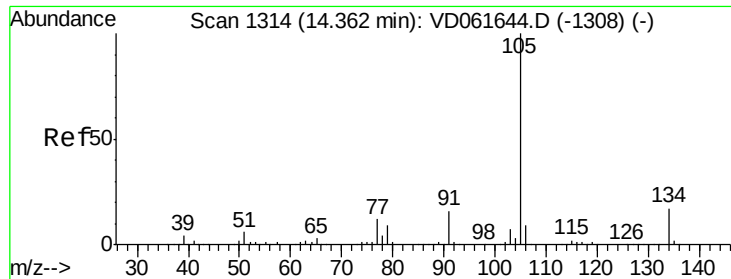
Tot Ion:119 Resp: 1062426
 Ion Ratio Lower Upper
 119 100
 91 63.9 33.9 101.6
 134 23.7 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.844 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion:105 Resp: 870035
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.6 67.8

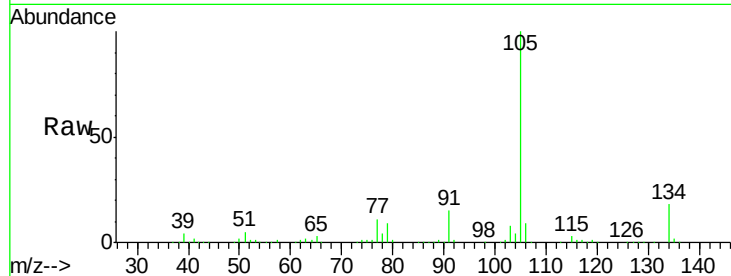




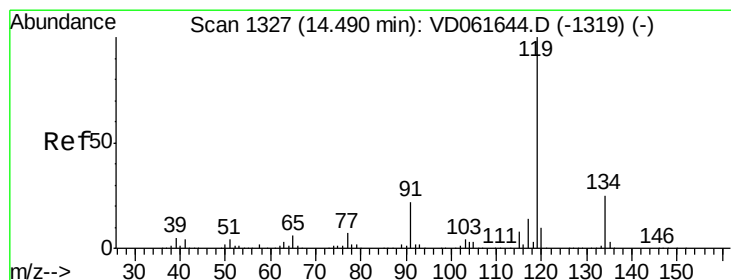
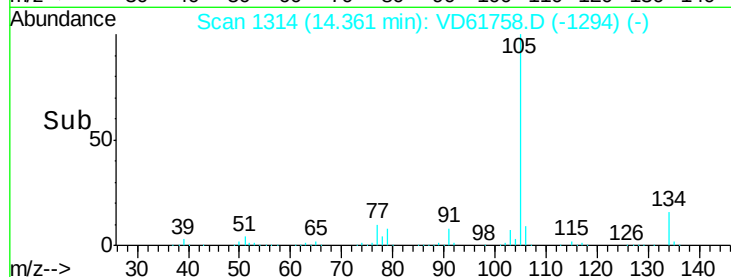
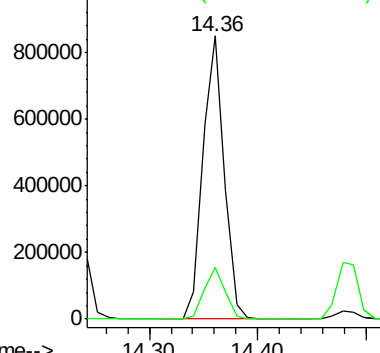
#85
 sec-Butylbenzene
 Concen: 54.375 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:105 Resp: 1155508
 Ion Ratio Lower Upper
 105 100
 134 18.3 8.6 25.7

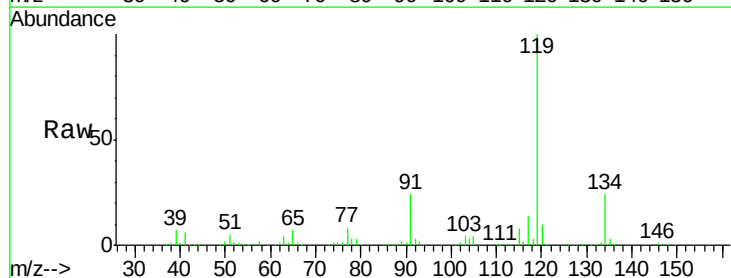


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

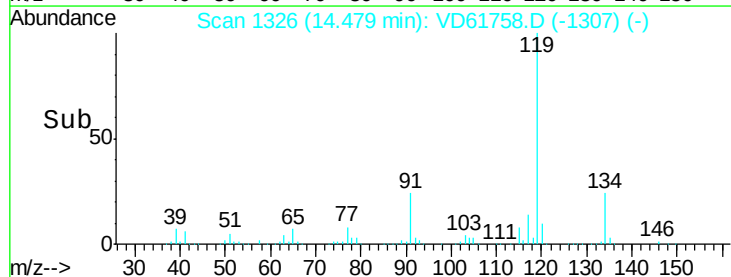
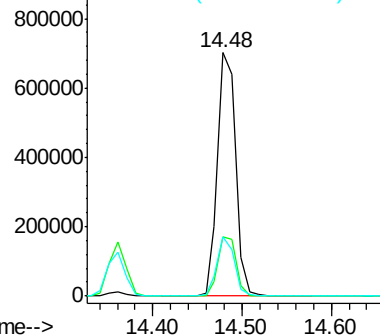


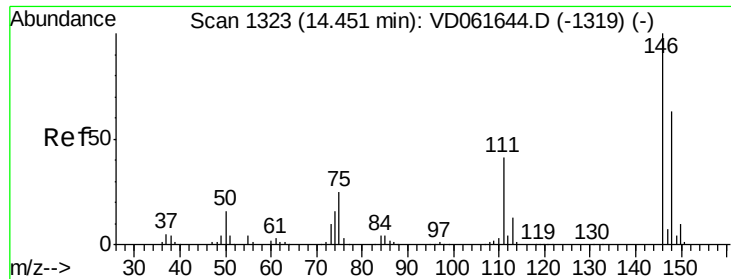
#86
 p-Isopropyltoluene
 Concen: 54.046 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion:119 Resp: 996337
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.5 37.5
 91 24.3 11.0 33.0



Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 134.10 (133.80 to 134.80): V
 Ion 91.00 (90.70 to 91.70): VD6

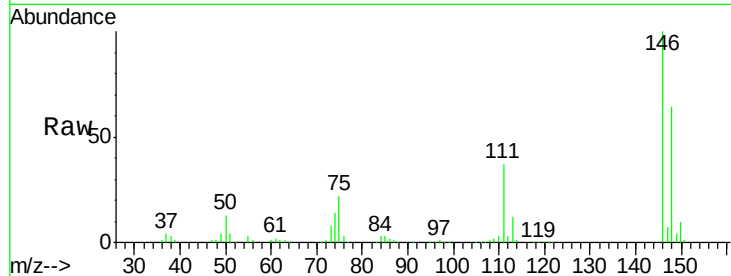




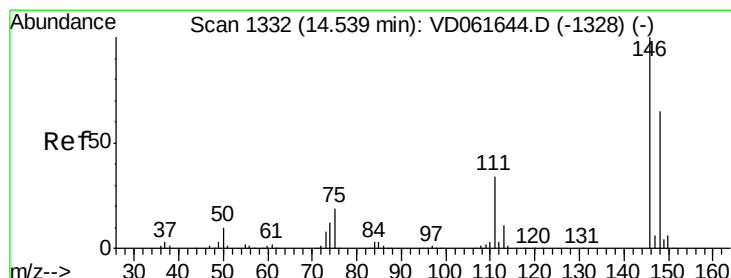
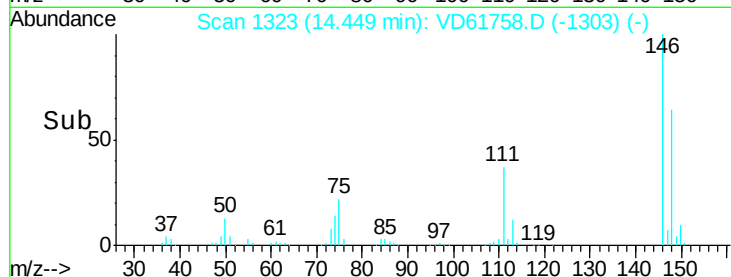
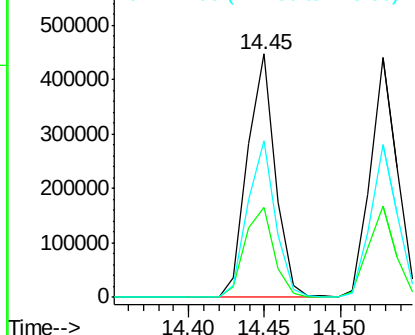
#87
 1,3-Dichlorobenzene
 Concen: 55.797 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:146 Resp: 572870
 Ion Ratio Lower Upper
 146 100
 111 37.1 20.3 61.0
 148 64.2 31.7 95.1

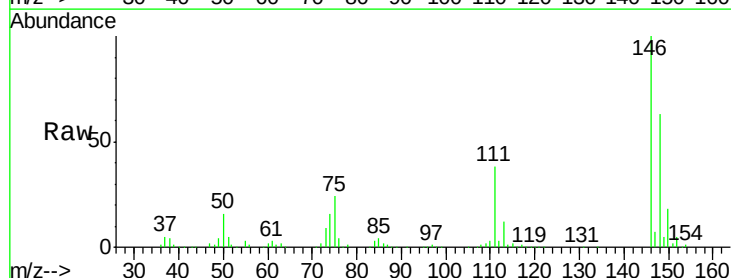


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

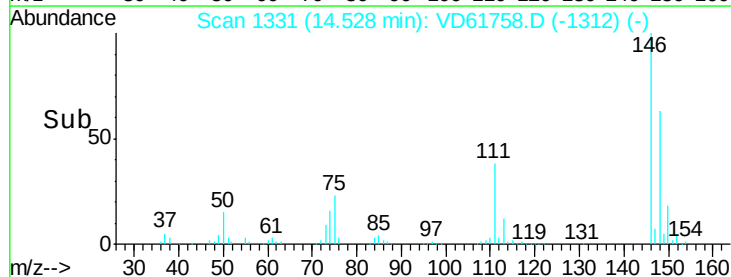
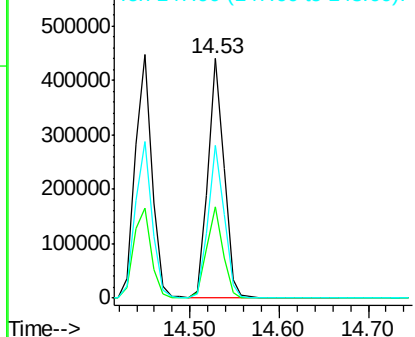


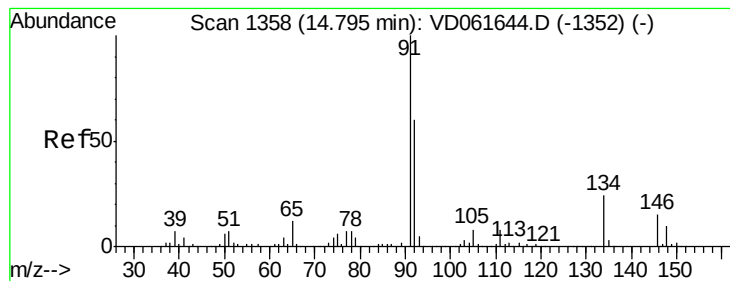
#88
 1,4-Dichlorobenzene
 Concen: 52.693 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion:146 Resp: 545874
 Ion Ratio Lower Upper
 146 100
 111 37.9 17.1 51.2
 148 63.5 32.6 97.7



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





#89

n-Butylbenzene

Concen: 58.084 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

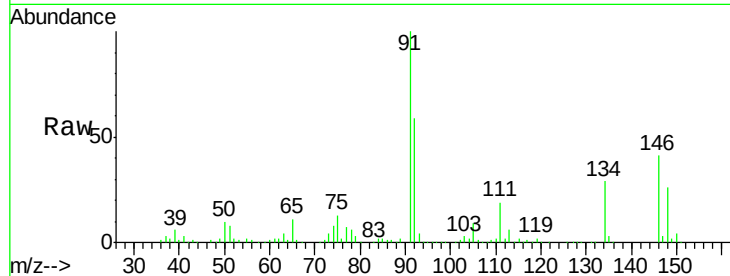
Tot Ion: 91 Resp: 930702

Ion Ratio Lower Upper

91 100

92 59.1 29.8 89.4

134 29.2 12.2 36.4

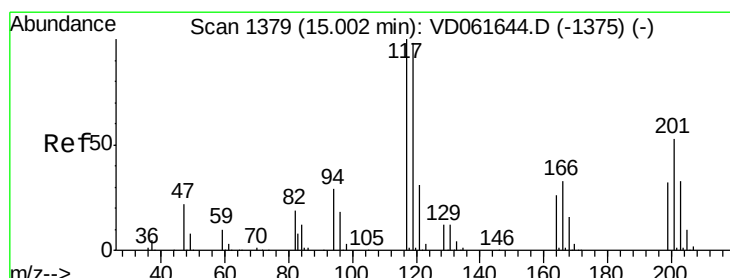
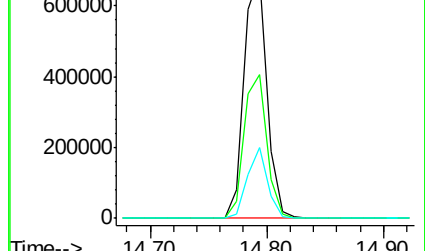
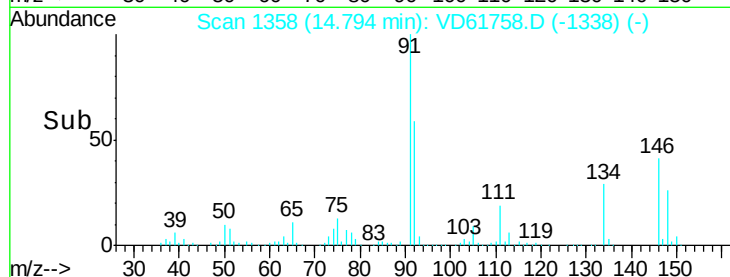


Abundance Ion 91.00 (90.70 to 91.70): VD61758.D (-1358) (-)

Ion 92.00 (91.70 to 92.70): VD61758.D (-1358) (-)

Ion 134.10 (133.80 to 134.80): VD61758.D (-1358) (-)

Time-->



#90

Hexachloroethane

Concen: 58.733 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VD61758.D

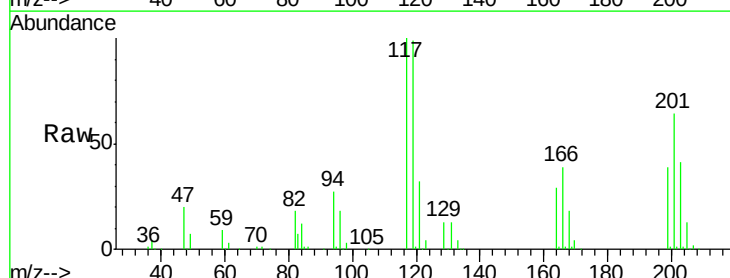
Acq: 12 Apr 2019 1:01

Tgt Ion: 117 Resp: 293790

Ion Ratio Lower Upper

117 100

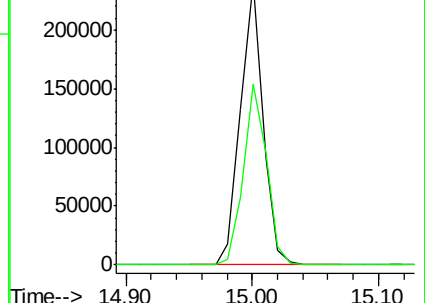
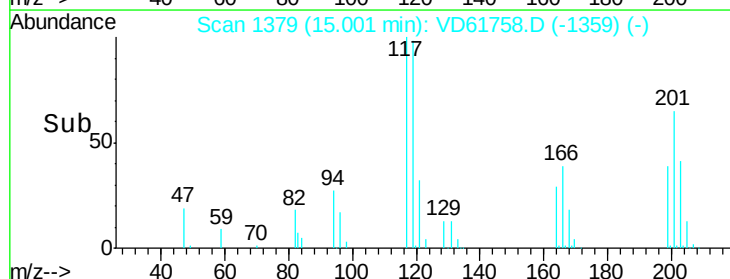
201 64.1 26.3 78.8

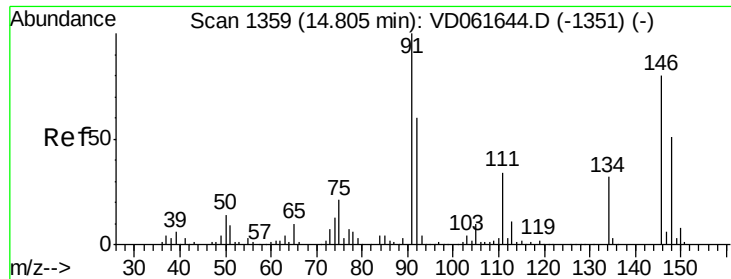


Abundance Ion 116.85 (116.55 to 117.55): VD61758.D (-1379) (-)

Ion 200.75 (200.45 to 201.45): VD61758.D (-1379) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 58.683 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

Instrument :

MSVOA_D

ClientSampleId :

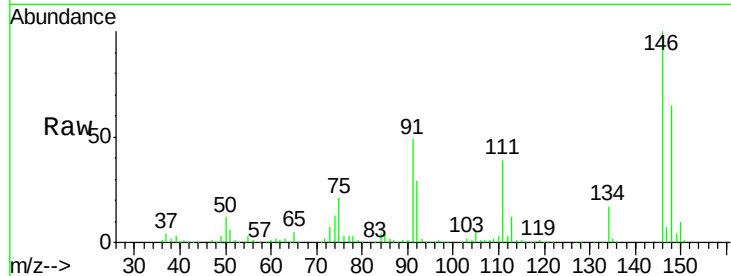
Tot Ion:146 Resp: 496567

Ion Ratio Lower Upper

146 100

111 38.8 21.1 63.3

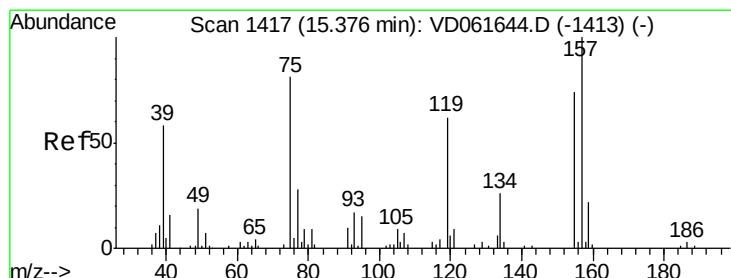
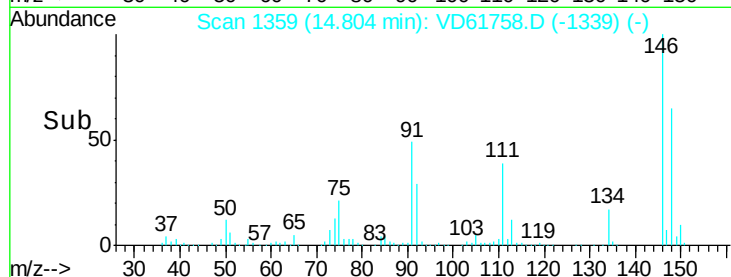
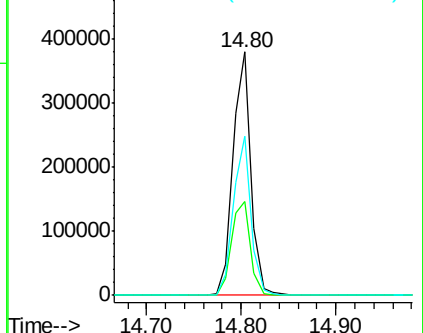
148 65.4 31.7 95.1



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: 66.668 ug/l

RT: 15.37 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VD61758.D

Acq: 12 Apr 2019 1:01

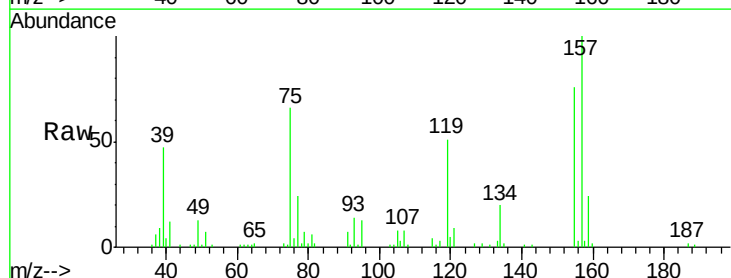
Tgt Ion: 75 Resp: 34189

Ion Ratio Lower Upper

75 100

155 115.6 45.6 136.7

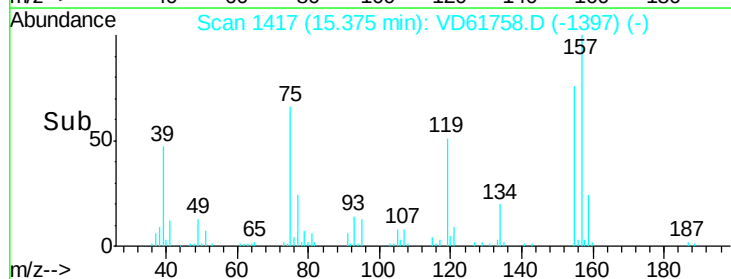
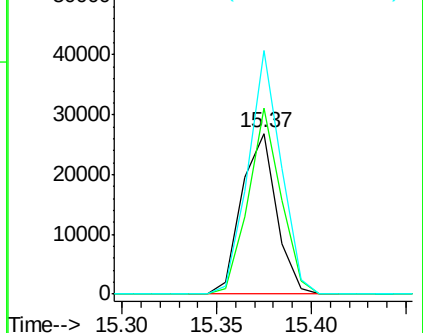
157 151.4 61.4 184.2

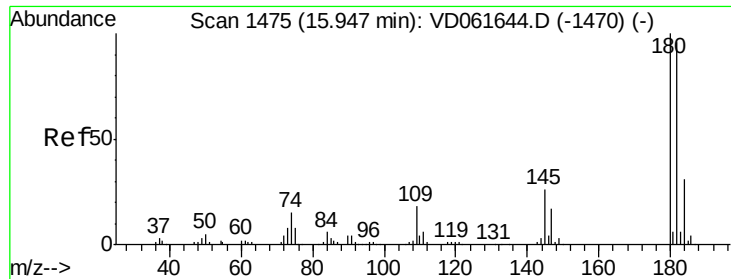


Abundance Ion 75.00 (74.70 to 75.70): VD6

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

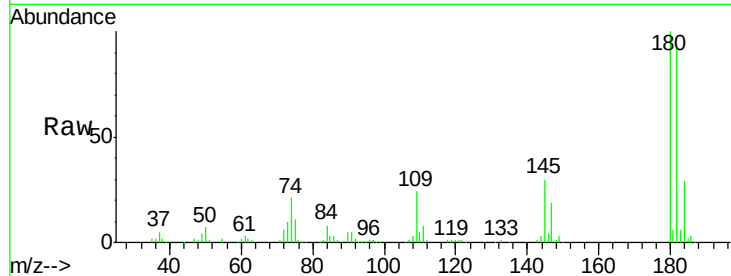




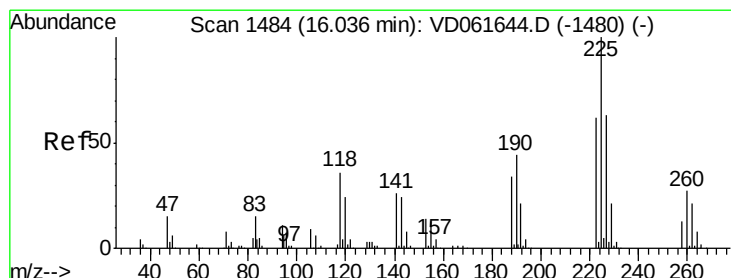
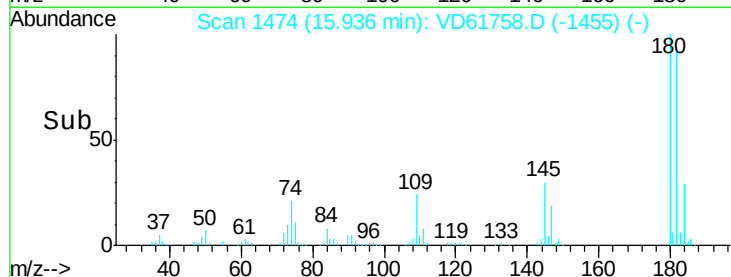
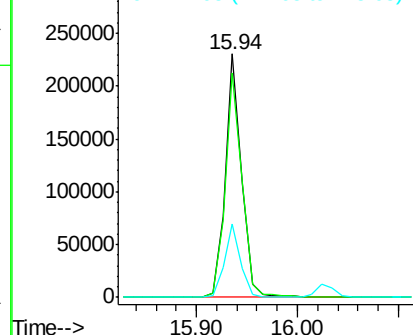
#93
 1,2,4-Trichlorobenzene
 Concen: 60.648 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 261462
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.8 143.3
 145 30.1 13.3 39.8

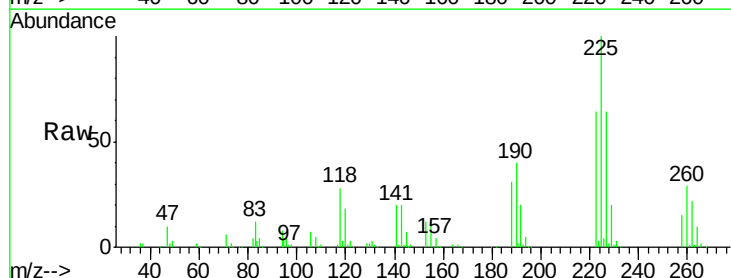


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

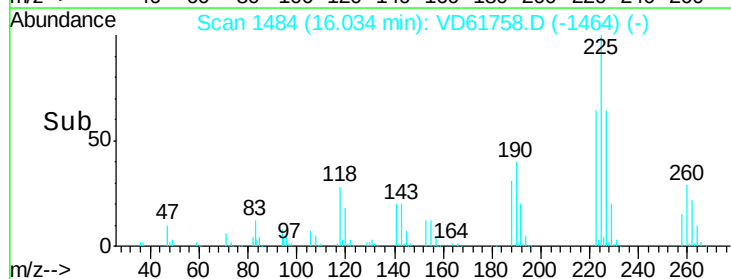
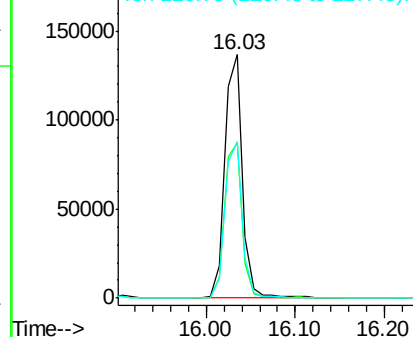


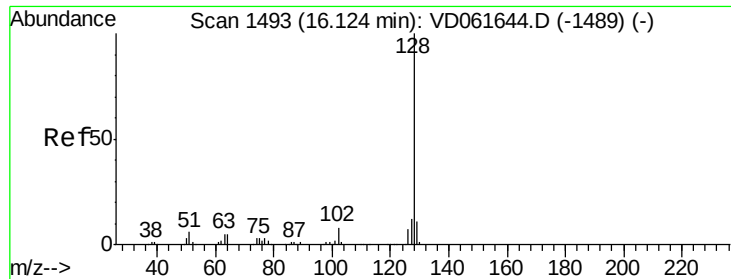
#94
 Hexachlorobutadiene
 Concen: 56.877 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD61758.D
 Acq: 12 Apr 2019 1:01

Tgt Ion:225 Resp: 189336
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.8 92.3
 227 64.2 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

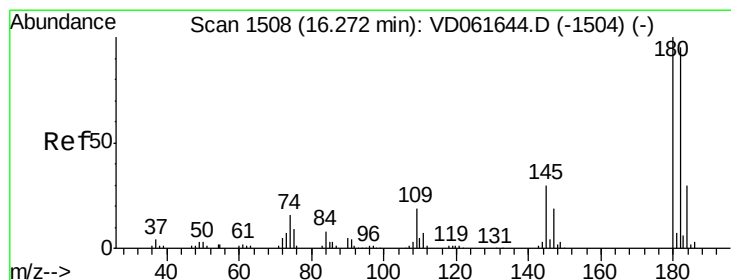
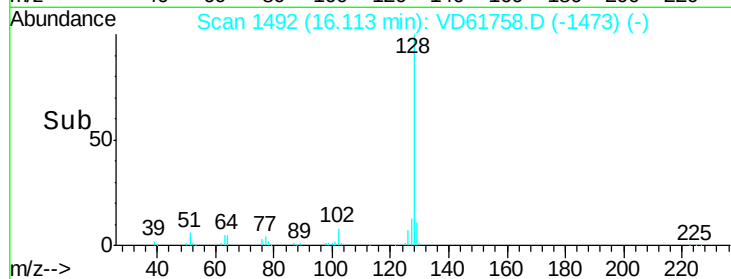
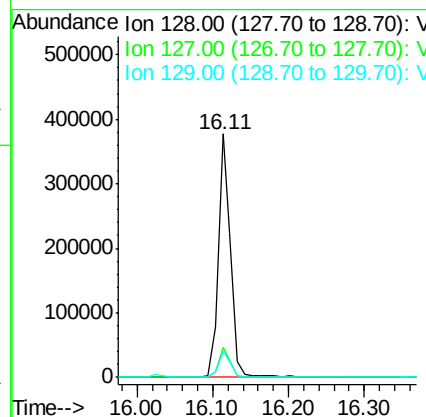
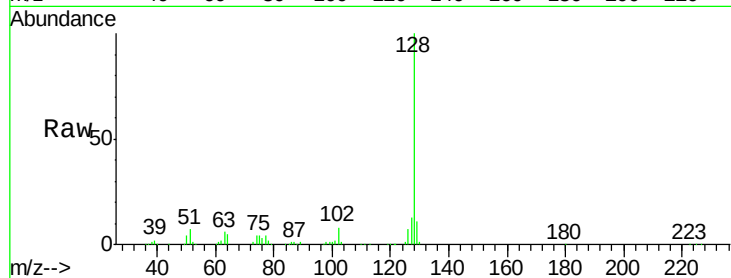




#95
Naphthalene
Concen: 63.132 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 430650
Ion Ratio Lower Upper
128 100
127 12.5 9.4 14.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 66.190 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD61758.D
Acq: 12 Apr 2019 1:01

Tgt Ion:180 Resp: 142413
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 34.4 15.1 45.3

