

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061506.D
 Acq On : 2 Apr 2019 10:53
 Operator : VA/AP
 Sample : VD0401SBSD03
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

Quant Time: Apr 03 07:25:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	763874	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1277375	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	1014459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	468207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	331752	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	6.91	113	506420	51.88	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.39	98	1114678	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	13.55	95	481419	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	137023	16.796	ug/l	99
3) Chloromethane	1.77	50	119274	17.927	ug/l	96
4) Vinyl Chloride	1.85	62	109726	17.962	ug/l	99
5) Bromomethane	2.15	94	17926	14.798	ug/l	90
6) Chloroethane	2.26	64	21455	11.977	ug/l	97
7) Trichlorofluoromethane	2.52	101	150025	16.889	ug/l	97
8) Diethyl Ether	2.88	74	49783	17.406	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	173379	18.155	ug/l	95
10) Methyl Iodide	3.30	142	207089	16.741	ug/l	98
11) Tert butyl alcohol	4.07	59	39154	96.349	ug/l	96
12) 1,1-Dichloroethene	3.12	96	147654	18.008	ug/l	99
13) Acrolein	3.04	56	28357	75.601	ug/l	97
14) Allyl chloride	3.62	41	200648	17.545	ug/l	96
15) Acrylonitrile	4.19	53	134994	95.710	ug/l	96
16) Acetone	3.22	43	140336	83.661	ug/l	95
17) Carbon Disulfide	3.37	76	445568	16.726	ug/l	100
18) Methyl Acetate	3.64	43	64988	18.426	ug/l	99
19) Methyl tert-butyl Ether	4.23	73	256877	18.099	ug/l	98
20) Methylene Chloride	3.81	84	154787	15.133	ug/l	99
21) trans-1,2-Dichloroethene	4.21	96	160337	18.113	ug/l	99
22) Diisopropyl ether	5.11	45	440151	18.188	ug/l	96
23) Vinyl Acetate	5.04	43	1194459	90.865	ug/l	98
24) 1,1-Dichloroethane	4.96	63	246777	17.352	ug/l	99
25) 2-Butanone	6.06	43	192302	91.135	ug/l	97
26) 2,2-Dichloropropane	6.01	77	206338	18.251	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	179183	18.475	ug/l	99
28) Bromochloromethane	6.42	49	109332	19.044	ug/l #	97
29) Tetrahydrofuran	6.44	42	91716	89.677	ug/l	99
30) Chloroform	6.65	83	271823	18.497	ug/l	99
31) Cyclohexane	6.94	56	202921	18.055	ug/l	99
32) 1,1,1-Trichloroethane	6.86	97	235645	18.176	ug/l	96
36) 1,1-Dichloropropene	7.14	75	193596	17.365	ug/l	98
37) Ethyl Acetate	6.17	43	88853	18.635	ug/l #	96
38) Carbon Tetrachloride	7.10	117	226693	17.695	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	218842	18.848	ug/l	98
40) Benzene	7.45	78	506611	18.106	ug/l	99
41) Methacrylonitrile	6.43	41	102737	18.428	ug/l #	97
42) 1,2-Dichloroethane	7.56	62	153531	18.344	ug/l	99
43) Isopropyl Acetate	9.23	43	129712	18.698	ug/l	94
44) Trichloroethene	8.53	130	186839	17.943	ug/l	93
45) 1,2-Dichloropropane	8.92	63	133994	18.886	ug/l	98
46) Dibromomethane	9.05	93	87510	18.325	ug/l	96
47) Bromodichloromethane	9.37	83	212551	19.831	ug/l	97
48) Methyl methacrylate	9.11	41	74665	19.502	ug/l	100
49) 1,4-Dioxane	9.07	88	16335	386.815	ug/l #	84
51) 4-Methyl-2-Pentanone	10.29	43	434423	102.929	ug/l	99
52) Toluene	10.50	92	318762	18.674	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	181266	18.614	ug/l	97
54) cis-1,3-Dichloropropene	10.02	75	213253	17.985	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	111563	18.688	ug/l	97
56) Ethyl methacrylate	11.03	69	119194	18.586	ug/l	97
57) 1,3-Dichloropropane	11.39	76	170513	19.433	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.85	63	365074	116.894	ug/l	95
59) 2-Hexanone	11.52	43	304942	99.720	ug/l	99
60) Dibromochloromethane	11.67	129	166688	18.112	ug/l	97
61) 1,2-Dibromoethane	11.80	107	126825	18.347	ug/l	97
64) Tetrachloroethene	11.25	164	144087	18.098	ug/l	98
65) Chlorobenzene	12.39	112	407616	19.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	158886	19.793	ug/l	98
67) Ethyl Benzene	12.52	91	651852	20.599	ug/l	99
68) m/p-Xylenes	12.65	106	464518	38.751	ug/l	94
69) o-Xylene	13.04	106	228068	19.606	ug/l	97
70) Styrene	13.07	104	420360	20.730	ug/l	99
71) Bromoform	13.22	173	97134	19.089	ug/l	100
73) Isopropylbenzene	13.39	105	654242	20.077	ug/l	99
74) N-amyl acetate	13.25	43	176435	19.436	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	133235	19.382	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	129100	19.088	ug/l	98
77) Bromobenzene	13.66	156	170097	17.607	ug/l	96
78) n-propylbenzene	13.77	91	768666	19.275	ug/l	97
79) 2-Chlorotoluene	13.83	91	380506	17.573	ug/l	97
80) 1,3,5-Trimethylbenzene	13.92	105	498431	19.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	40046	19.419	ug/l	96
82) 4-Chlorotoluene	13.93	91	480211	20.396	ug/l	88
83) tert-Butylbenzene	14.18	119	607059	19.212	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	524982	19.179	ug/l	100
85) sec-Butylbenzene	14.36	105	638343	19.017	ug/l	99
86) p-Isopropyltoluene	14.48	119	543357	19.143	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	302535	18.493	ug/l	99
88) 1,4-Dichlorobenzene	14.52	146	295543	18.525	ug/l	94
89) n-Butylbenzene	14.79	91	468078	17.967	ug/l	99
90) Hexachloroethane	15.00	117	139419	17.386	ug/l	69
91) 1,2-Dichlorobenzene	14.80	146	237161	17.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15072	18.694	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

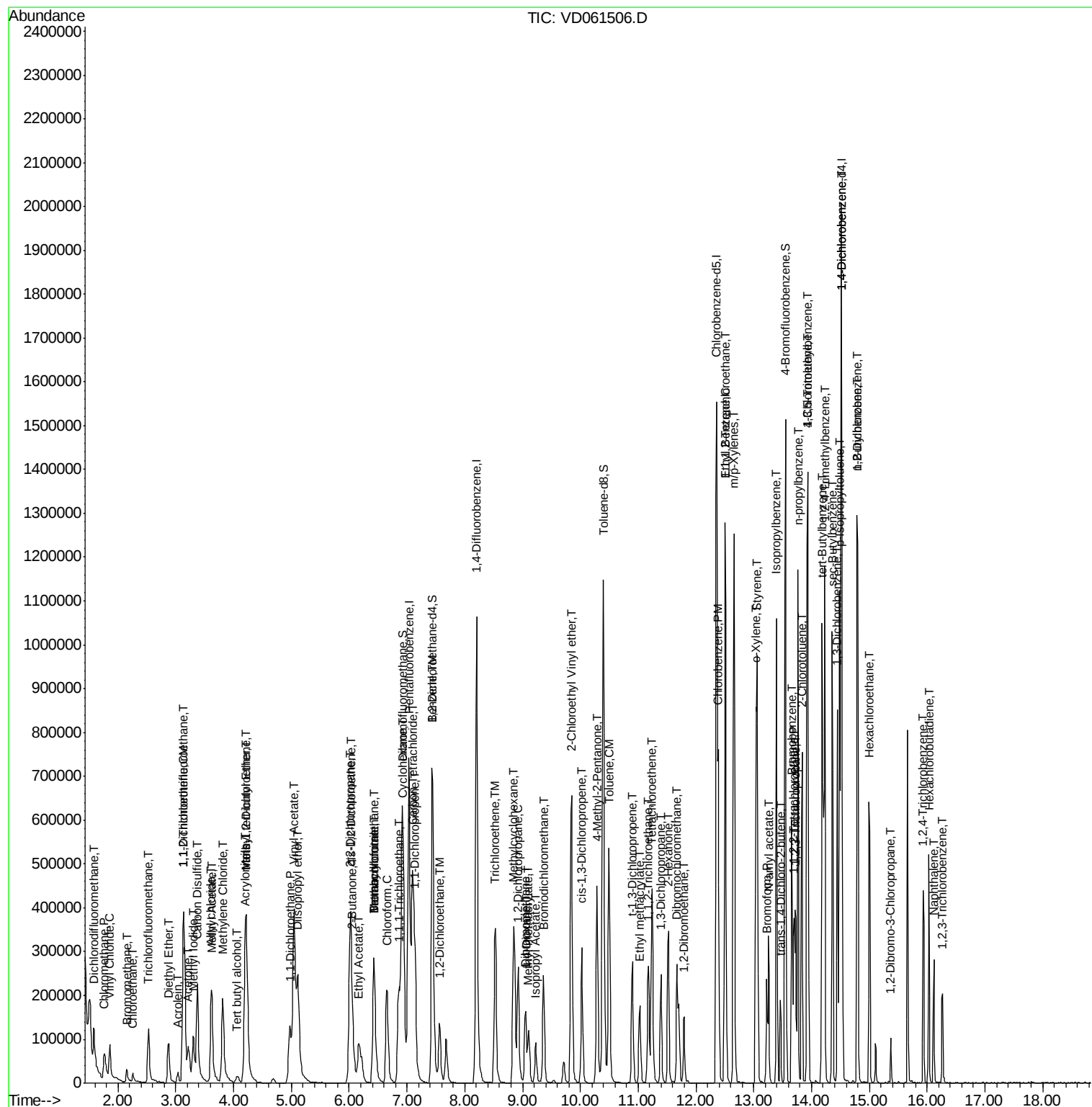
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	122160	19.985	ug/l	97
94) Hexachlorobutadiene	16.03	225	82553	17.283	ug/l	97
95) Naphthalene	16.12	128	179743	19.291	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	58917	21.904	ug/l	96

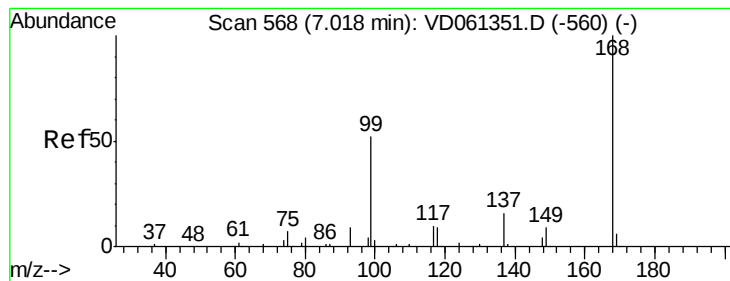
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

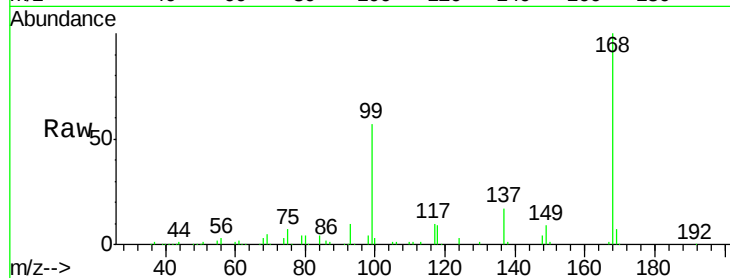
VD0401SBSD03

Tot Ion:168 Resp: 763874

Ion Ratio Lower Upper

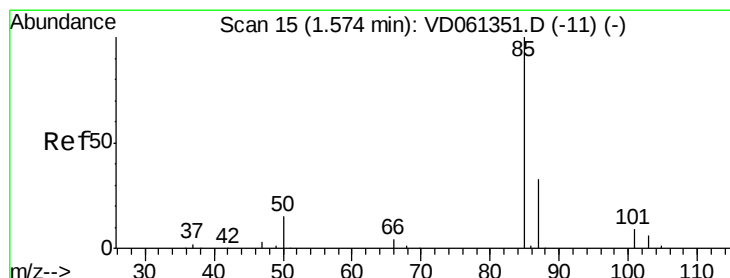
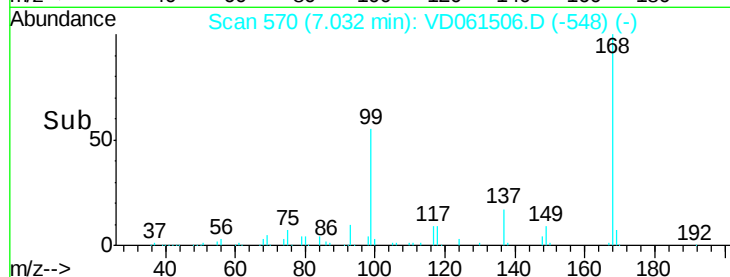
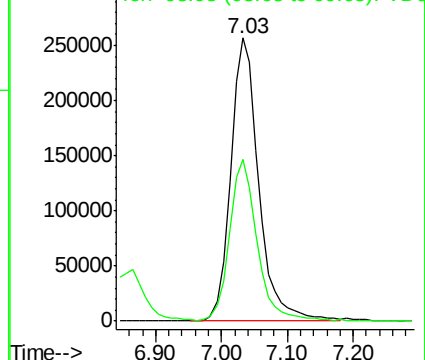
168 100

99 57.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 16.796 ug/l

RT: 1.59 min Scan# 17

Delta R.T. 0.01 min

Lab File: VD061506.D

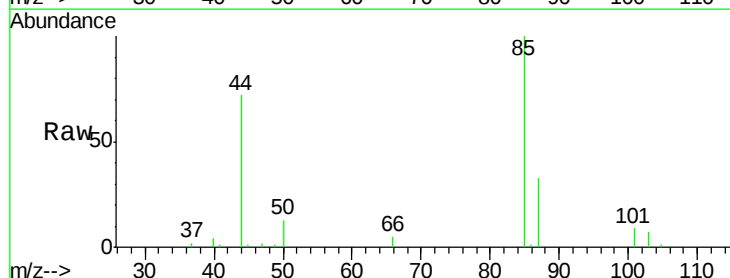
Acq: 2 Apr 2019 10:53

Tgt Ion: 85 Resp: 137023

Ion Ratio Lower Upper

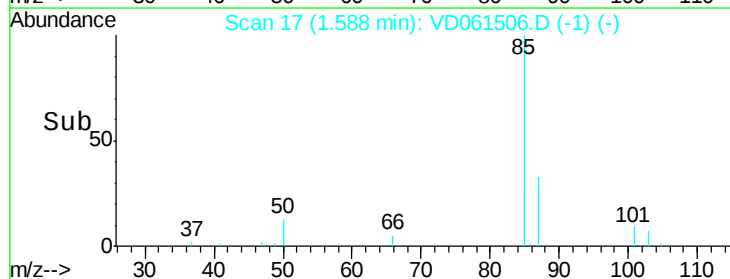
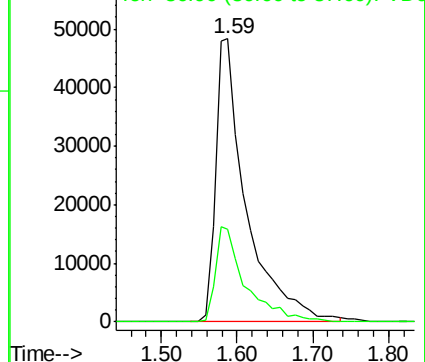
85 100

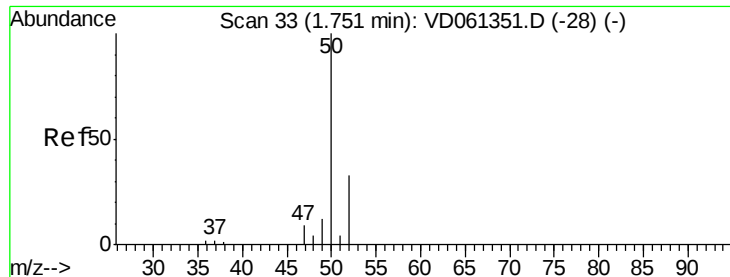
87 32.7 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.927 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

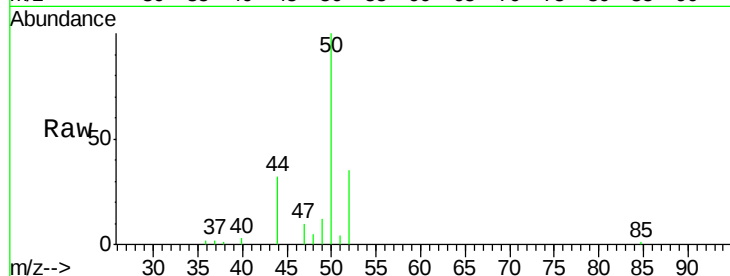
VD0401SBSD03

Tot Ion: 50 Resp: 119274

Ion Ratio Lower Upper

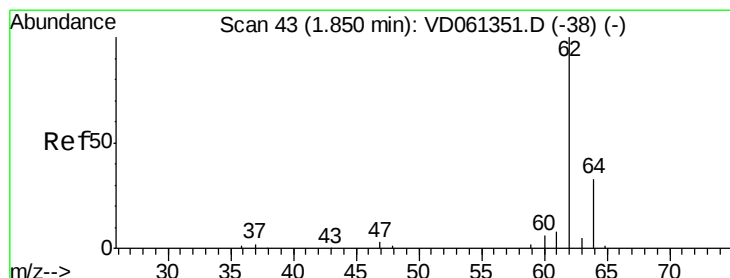
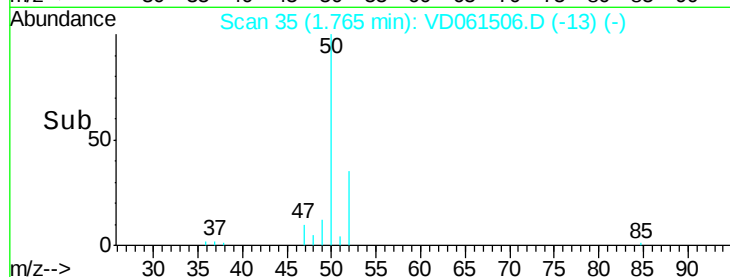
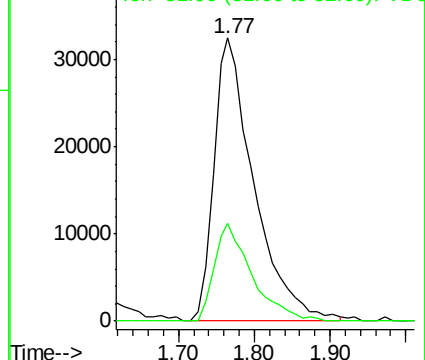
50 100

52 34.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 17.962 ug/l

RT: 1.85 min Scan# 44

Delta R.T. 0.00 min

Lab File: VD061506.D

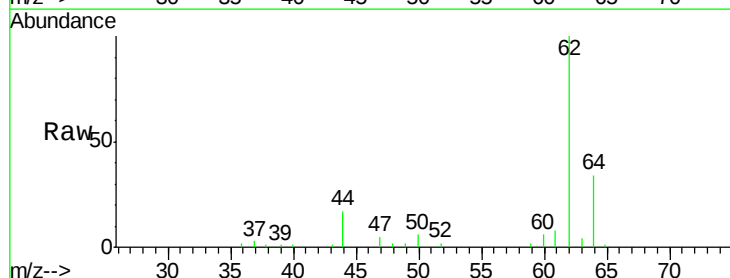
Acq: 2 Apr 2019 10:53

Tgt Ion: 62 Resp: 109726

Ion Ratio Lower Upper

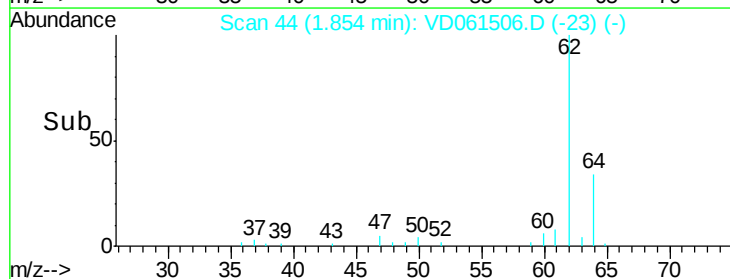
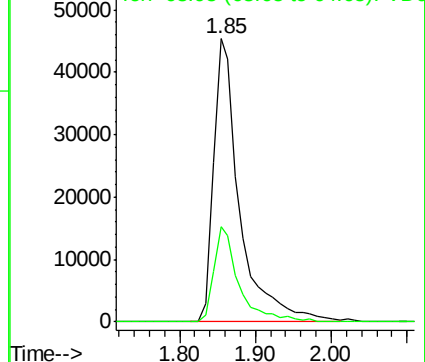
62 100

64 33.5 26.6 39.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

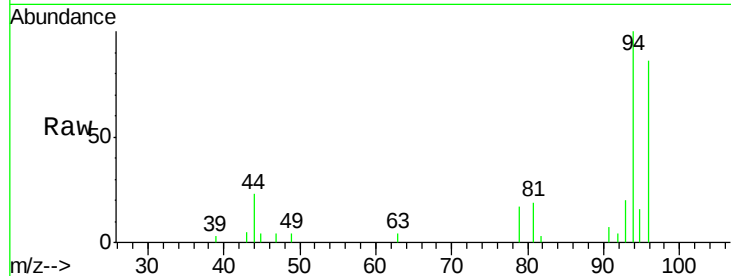




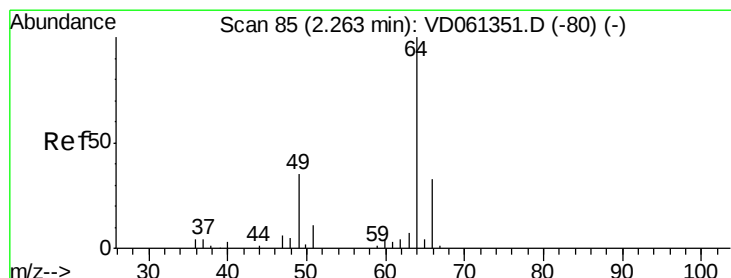
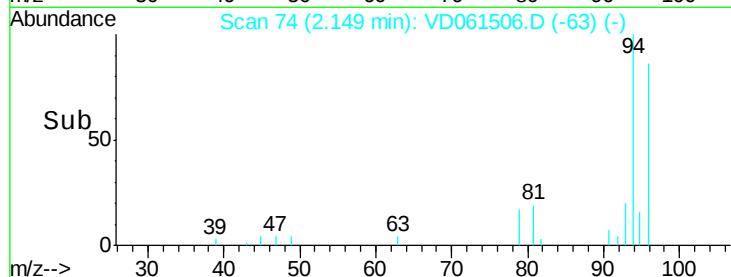
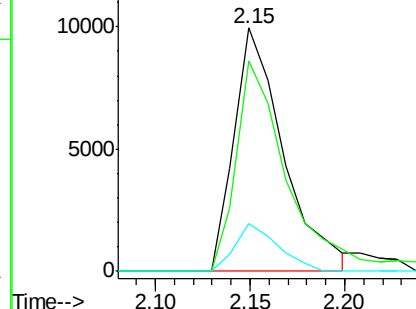
#5
Bromomethane
Concen: 14.798 ug/l
RT: 2.15 min Scan# 74
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 94 Resp: 17926
Ion Ratio Lower Upper
94 100
96 86.2 78.3 117.5
93 19.8 15.6 23.4

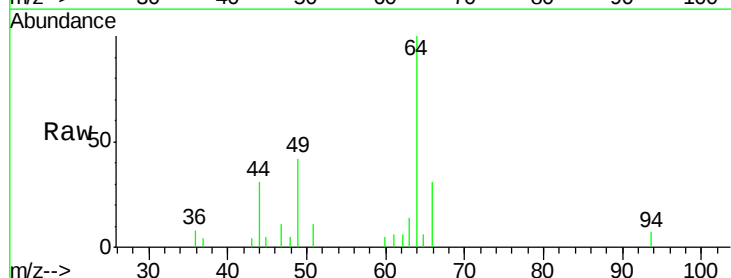


Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC

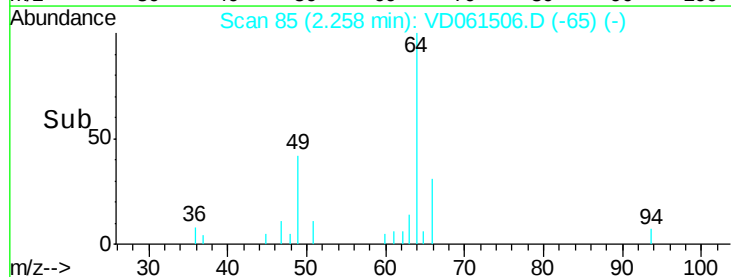
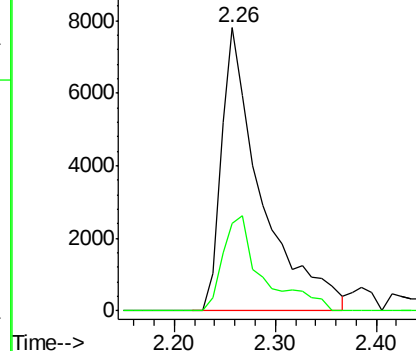


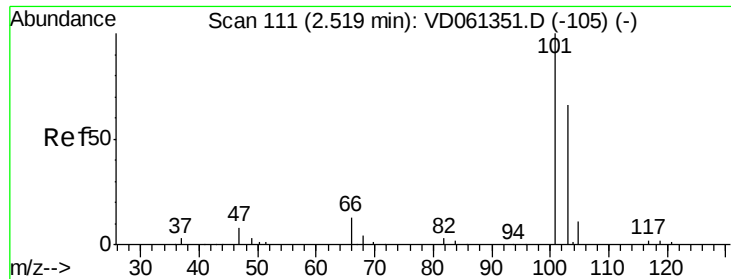
#6
Chloroethane
Concen: 11.977 ug/l
RT: 2.26 min Scan# 85
Delta R.T. -0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 64 Resp: 21455
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.2



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC



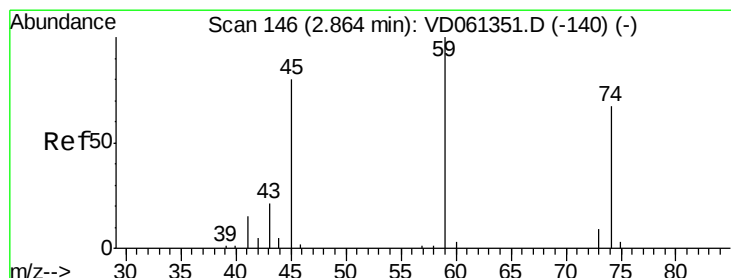
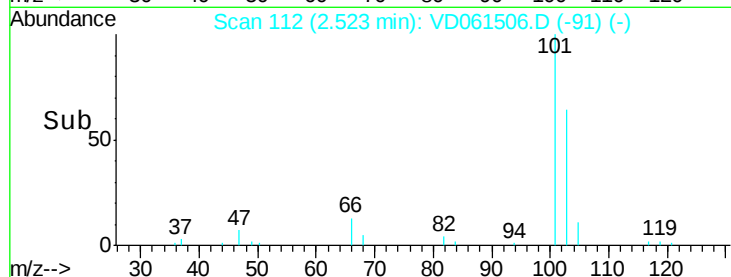
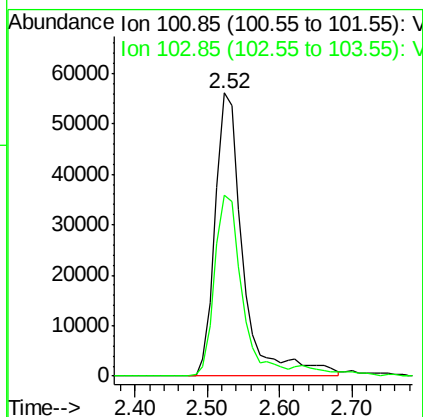
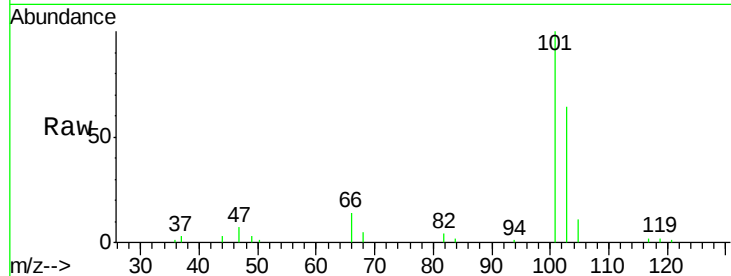


#7

Trichlorofluoromethane
Concen: 16.889 ug/l
RT: 2.52 min Scan# 112
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
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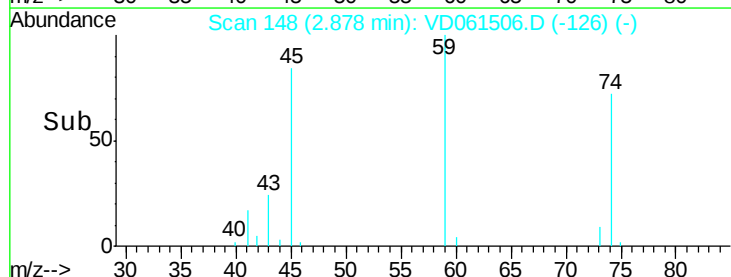
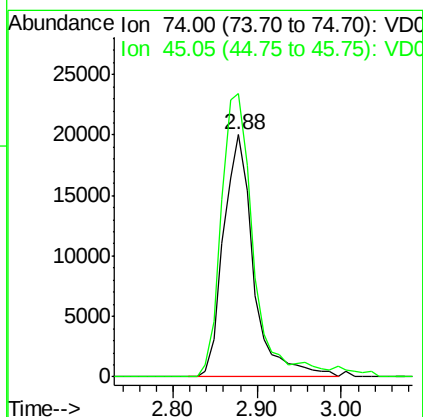
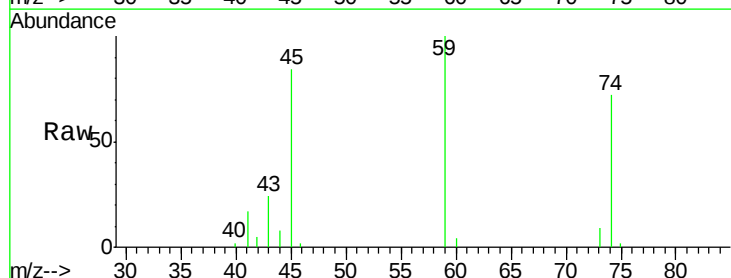
Tot Ion:101 Resp: 150025
Ion Ratio Lower Upper
101 100
103 64.1 53.1 79.7



#8

Diethyl Ether
Concen: 17.406 ug/l
RT: 2.88 min Scan# 148
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 74 Resp: 49783
Ion Ratio Lower Upper
74 100
45 116.9 59.7 179.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.155 ug/l

RT: 3.14 min Scan# 175

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBSD03

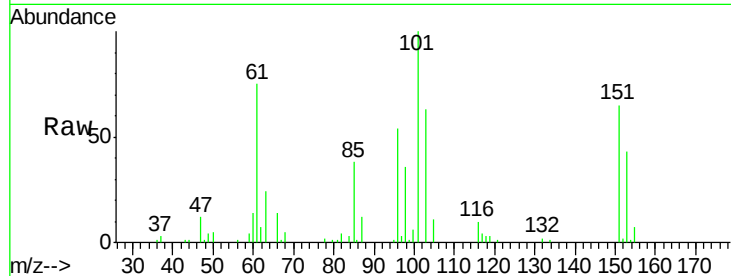
Tot Ion:101 Resp: 173379

Ion Ratio Lower Upper

101 100

85 38.0 29.4 44.0

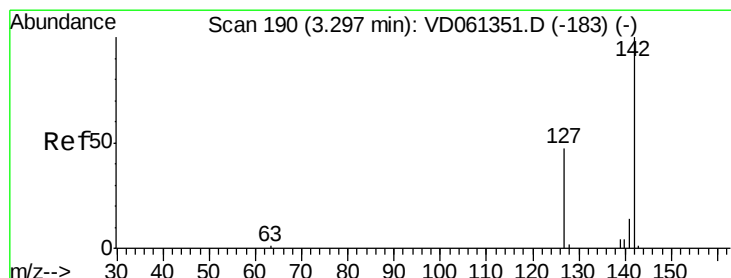
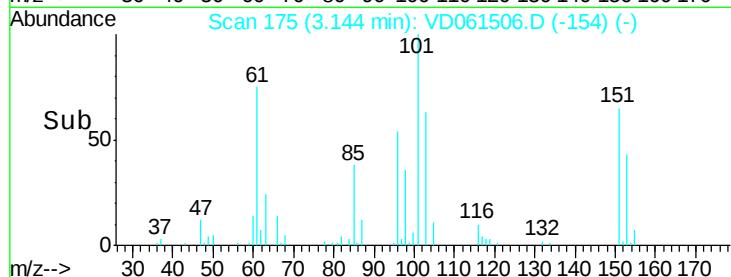
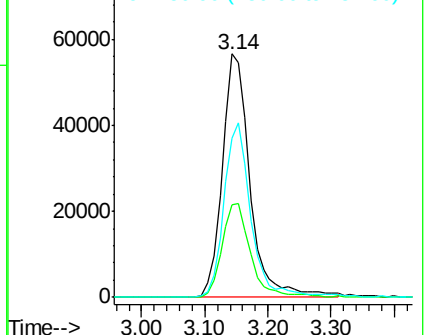
151 65.2 57.0 85.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 16.741 ug/l

RT: 3.30 min Scan# 191

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

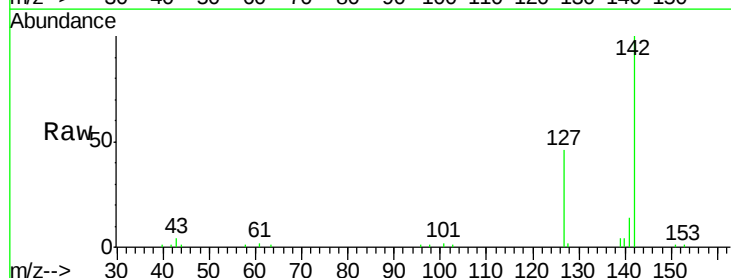
Tgt Ion:142 Resp: 207089

Ion Ratio Lower Upper

142 100

127 45.6 37.7 56.5

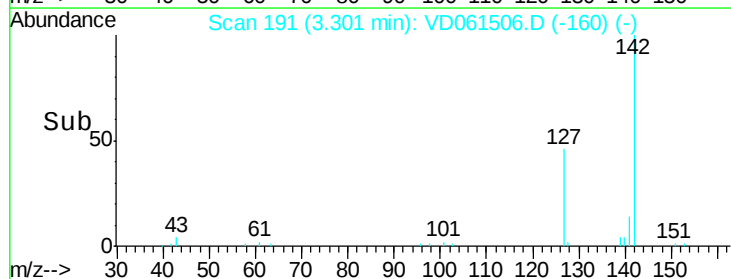
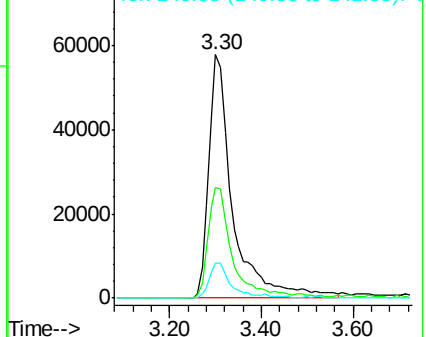
141 14.4 11.5 17.3

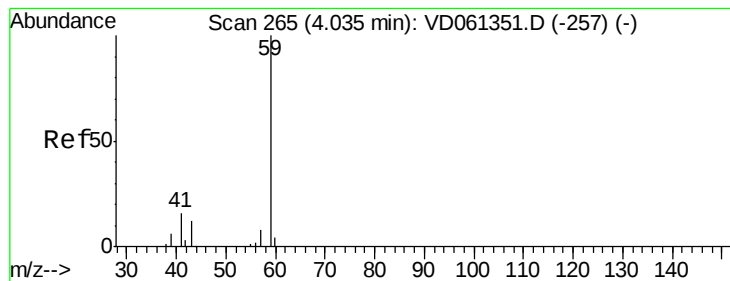


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



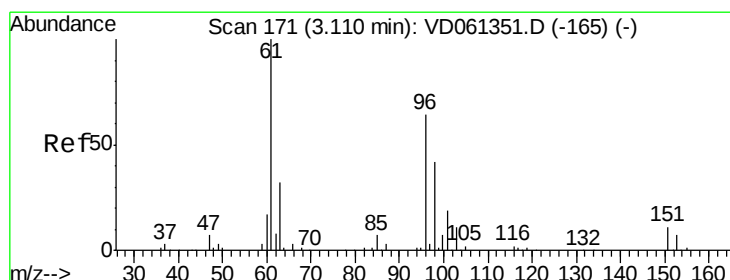
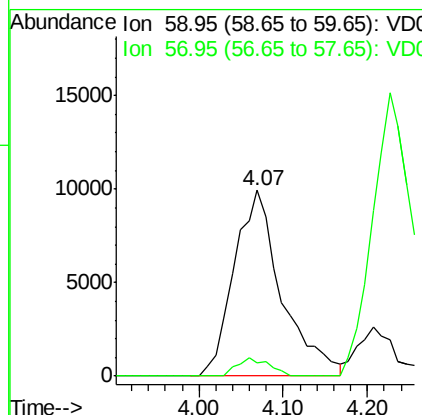
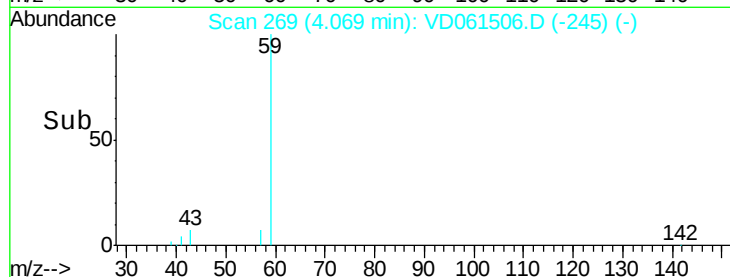
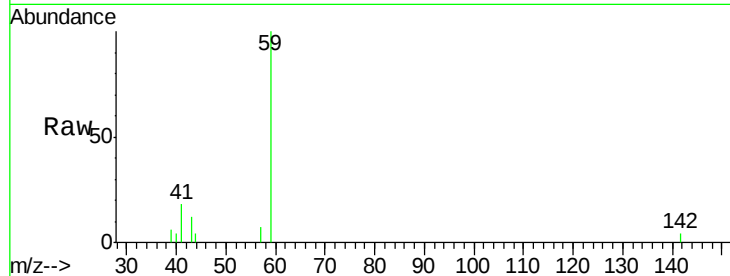


#11

Tert butyl alcohol
Concen: 96.349 ug/l
RT: 4.07 min Scan# 269
Delta R.T. 0.03 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

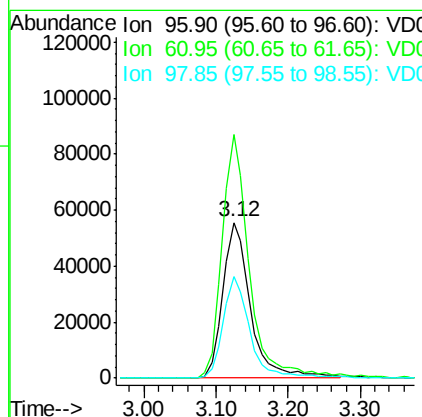
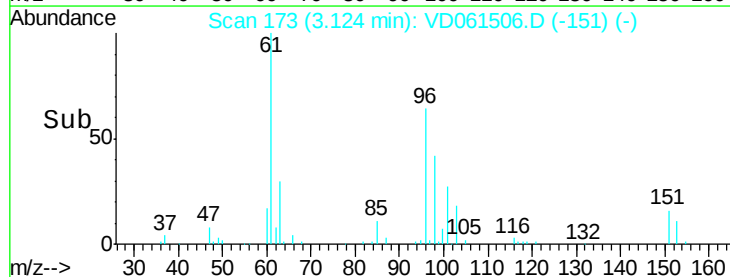
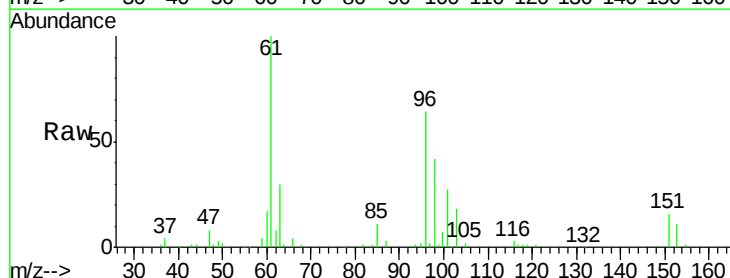
Tot Ion: 59 Resp: 39154
Ion Ratio Lower Upper
59 100
57 7.0 6.7 10.1

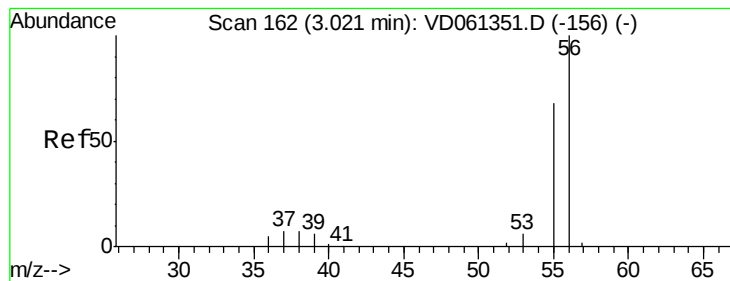


#12

1,1-Dichloroethene
Concen: 18.008 ug/l
RT: 3.12 min Scan# 173
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 96 Resp: 147654
Ion Ratio Lower Upper
96 100
61 156.8 124.9 187.3
98 65.1 52.5 78.7





#13

Acrolein

Concen: 75.601 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

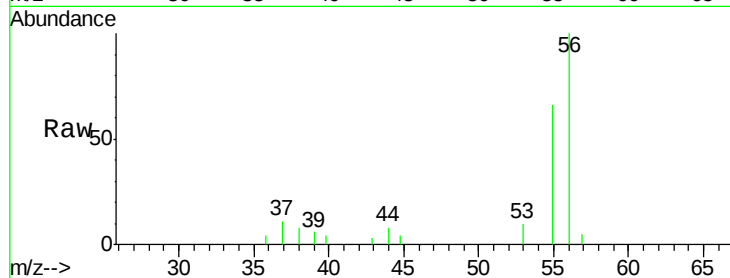
VD0401SBSD03

Tot Ion: 56 Resp: 28357

Ion Ratio Lower Upper

56 100

55 66.1 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.04

12000

10000

8000

6000

4000

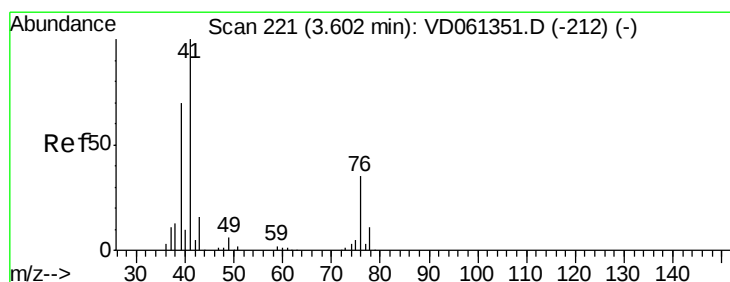
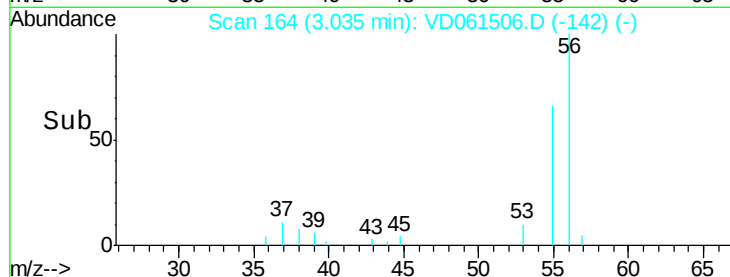
2000

0

Time-->

3.00

3.10



#14

Allyl chloride

Concen: 17.545 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

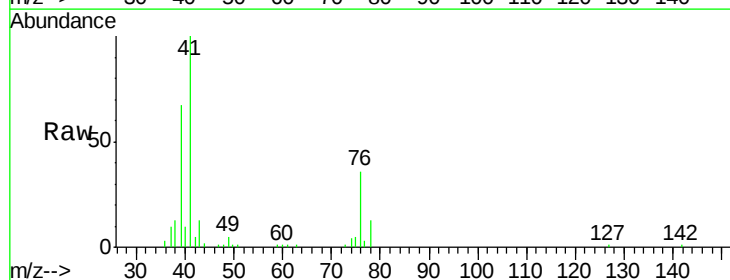
Tgt Ion: 41 Resp: 200648

Ion Ratio Lower Upper

41 100

39 67.2 55.6 83.4

76 35.9 31.0 46.6



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

3.62

80000

60000

40000

20000

0

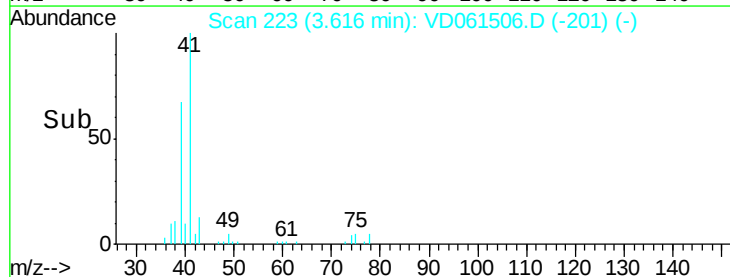
Time-->

3.50

3.60

3.70

3.80





#15

Acrylonitrile

Concen: 95.710 ug/l

RT: 4.19 min Scan# 281

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBS03

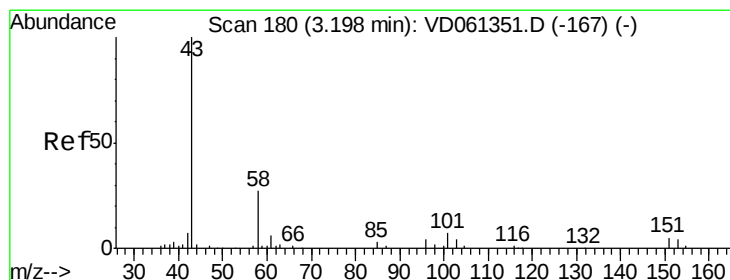
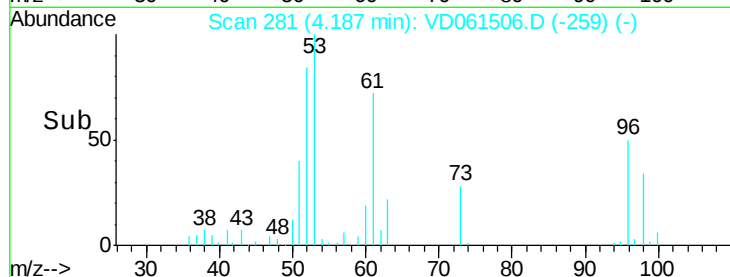
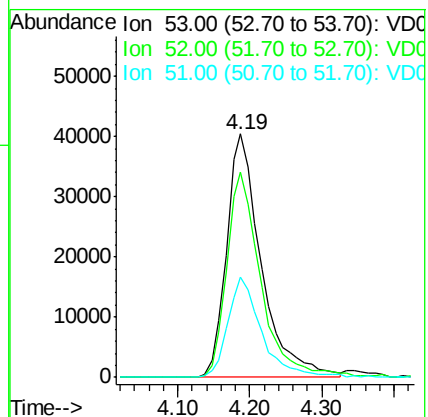
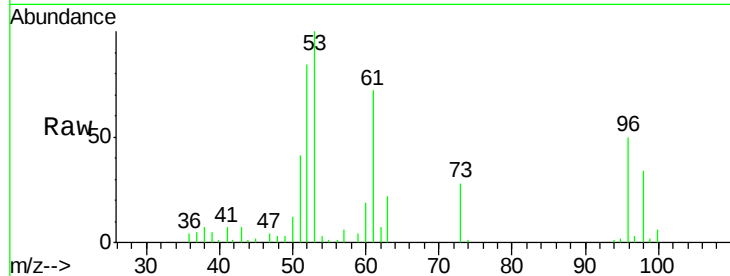
Tot Ion: 53 Resp: 134994

Ion Ratio Lower Upper

53 100

52 84.3 64.8 97.2

51 41.3 31.4 47.2



#16

Acetone

Concen: 83.661 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061506.D

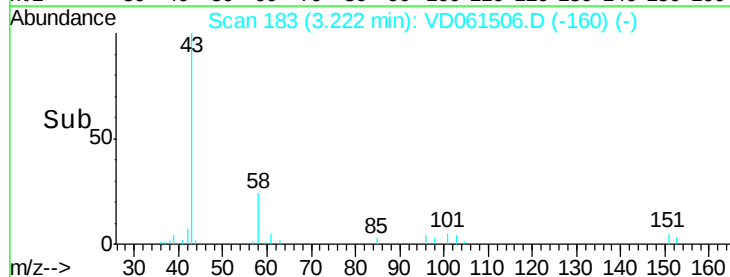
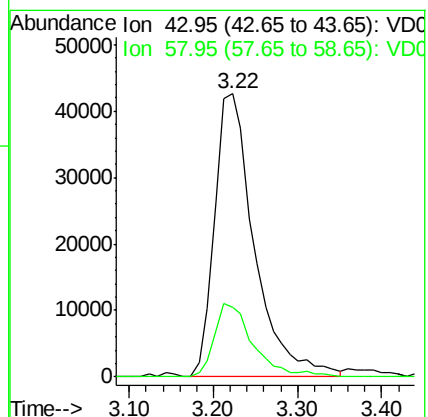
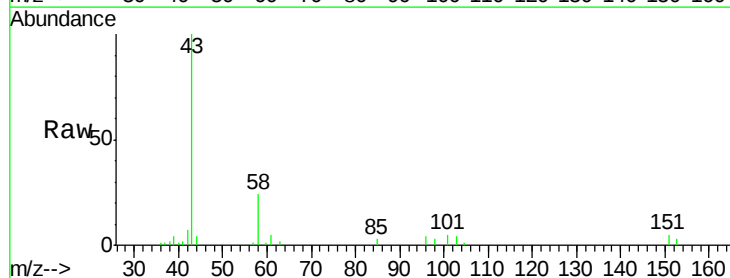
Acq: 2 Apr 2019 10:53

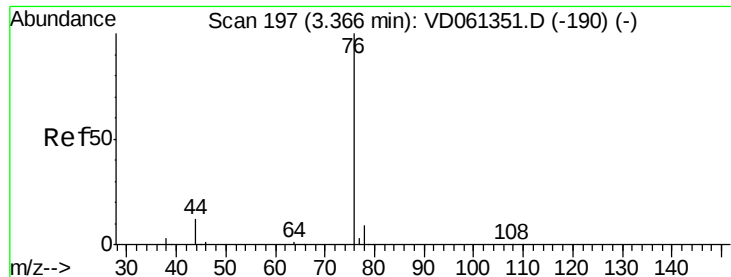
Tgt Ion: 43 Resp: 140336

Ion Ratio Lower Upper

43 100

58 24.5 21.5 32.3

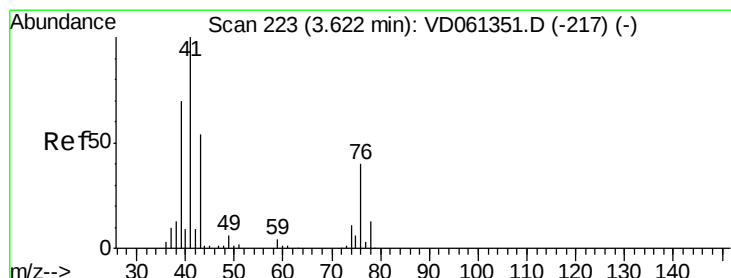
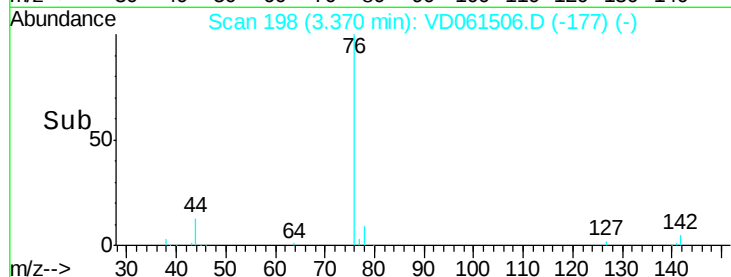
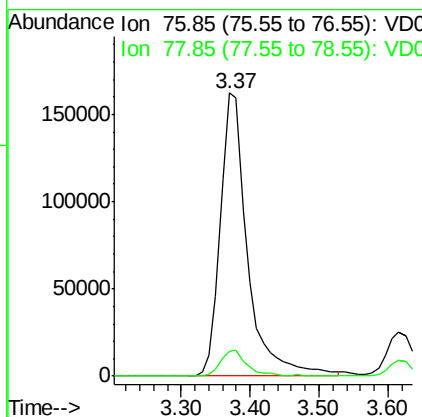
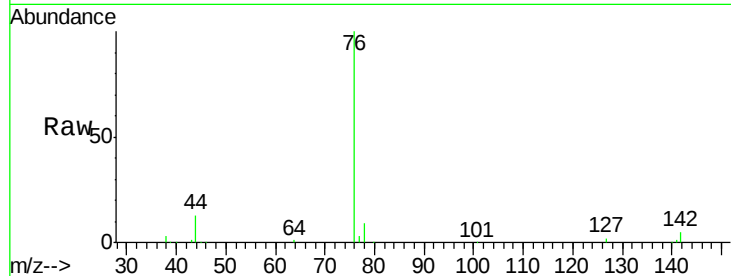




#17
Carbon Disulfide
Concen: 16.726 ug/l
RT: 3.37 min Scan# 198
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

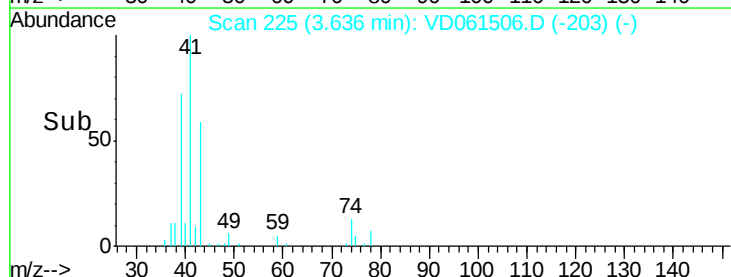
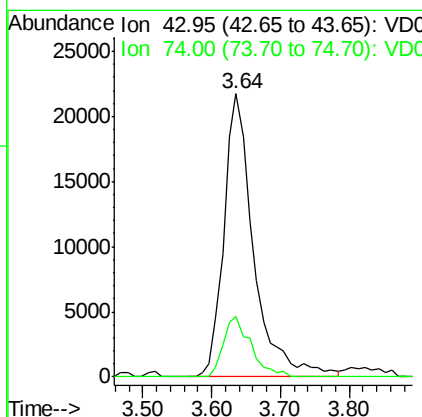
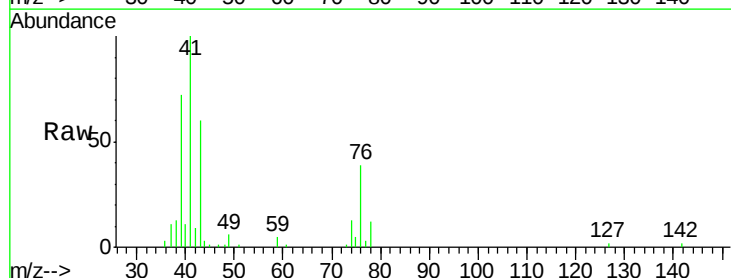
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 76 Resp: 445568
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 18.426 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 43 Resp: 64988
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

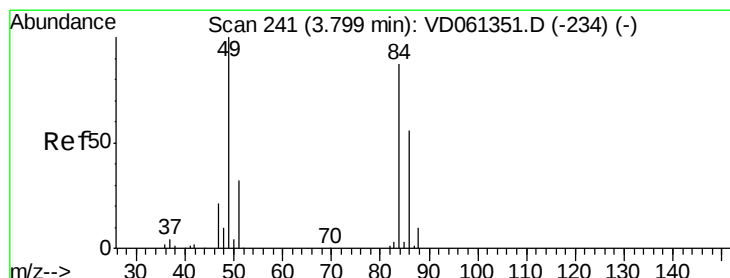
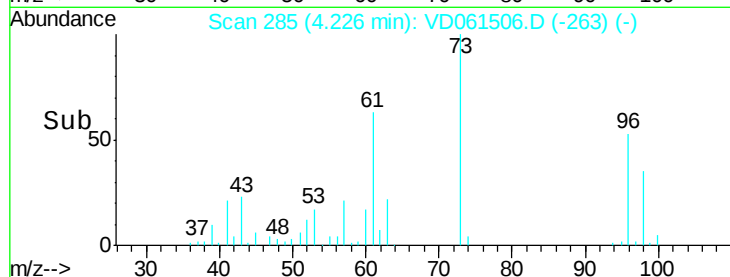
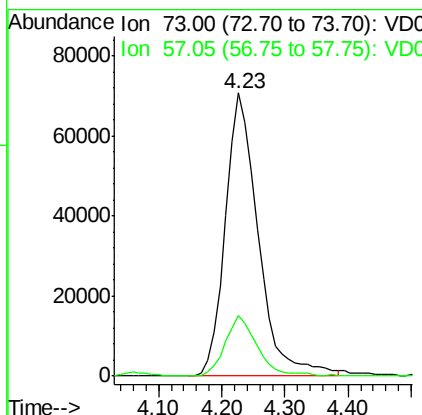
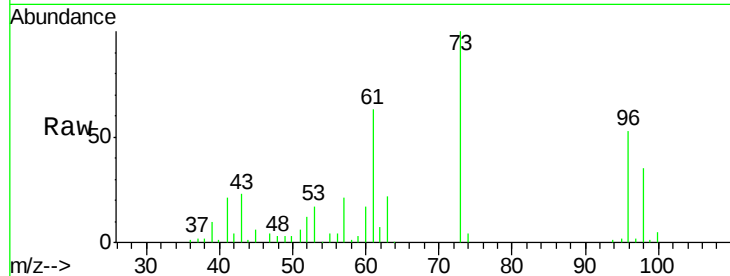




#19
Methvl tert-butvl Ether
Concen: 18.099 ug/l
RT: 4.23 min Scan# 285
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

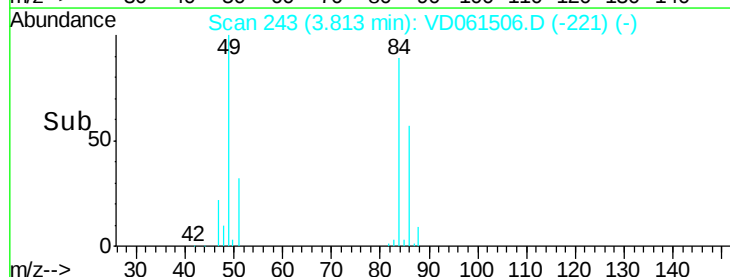
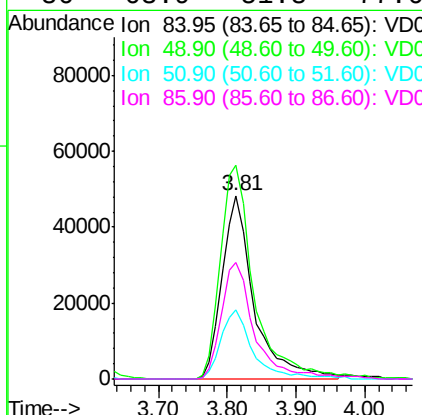
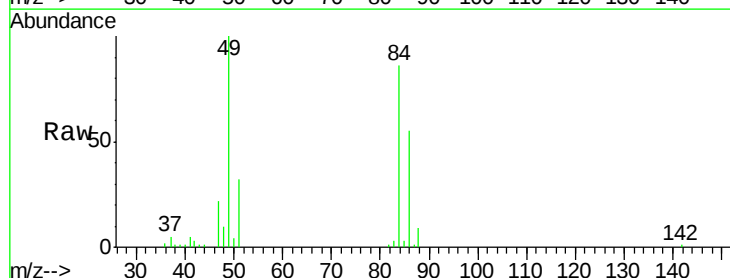
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 73 Resp: 256877
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 15.133 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 84 Resp: 154787
Ion Ratio Lower Upper
84 100
49 116.5 91.8 137.8
51 37.6 29.8 44.8
86 63.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.113 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBSD03

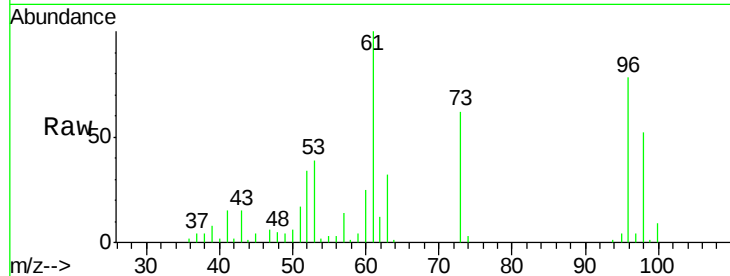
Tot Ion: 96 Resp: 160337

Ion Ratio Lower Upper

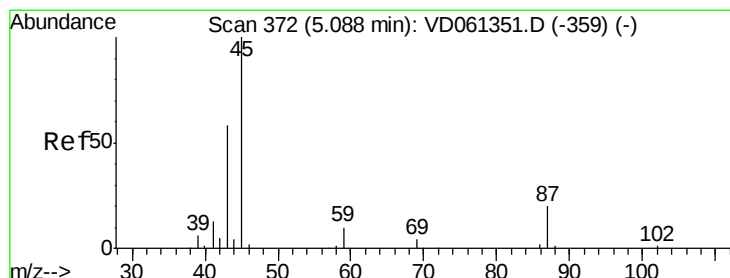
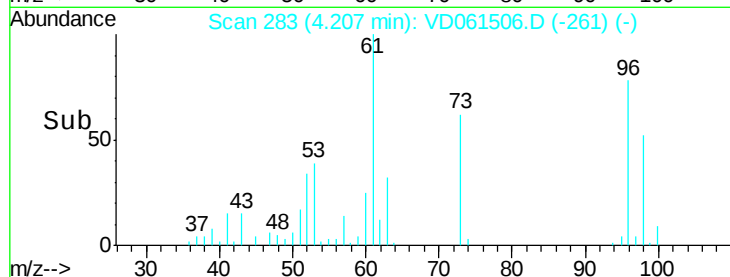
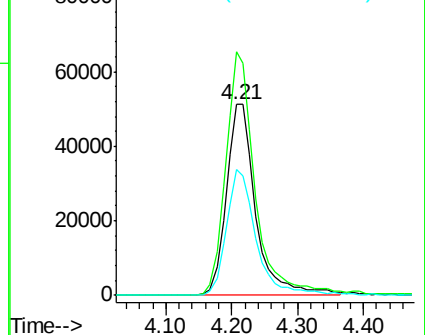
96 100

61 127.4 102.7 154.1

98 66.0 52.2 78.4



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



#22

Diisopropyl ether

Concen: 18.188 ug/l

RT: 5.11 min Scan# 375

Delta R.T. 0.02 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Tgt Ion: 45 Resp: 440151

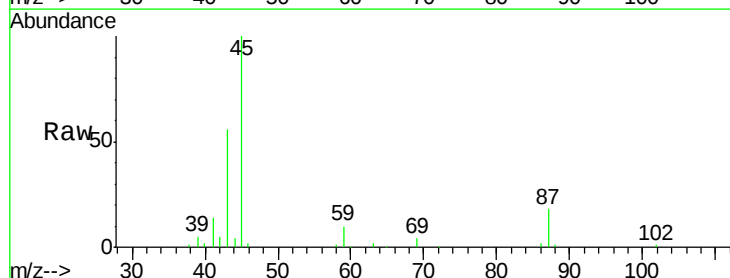
Ion Ratio Lower Upper

45 100

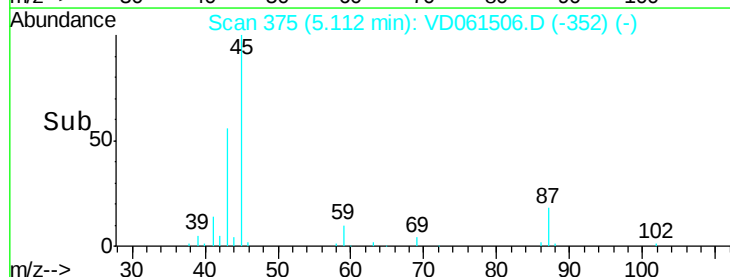
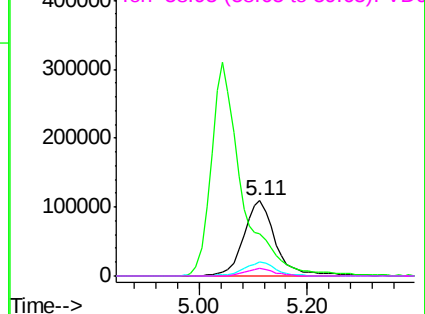
43 56.3 47.4 71.2

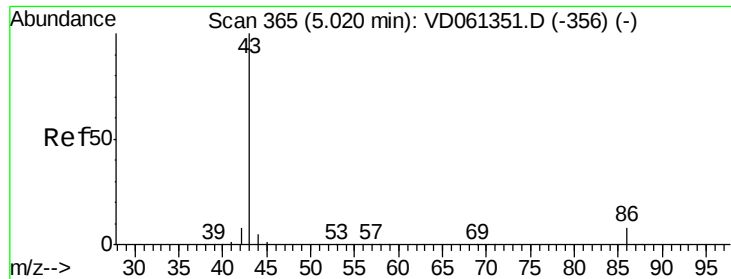
87 18.0 16.3 24.5

59 10.0 8.4 12.6



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





#23

Vinyl Acetate

Concen: 90.865 ug/l

RT: 5.04 min Scan# 368

Delta R.T. 0.02 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

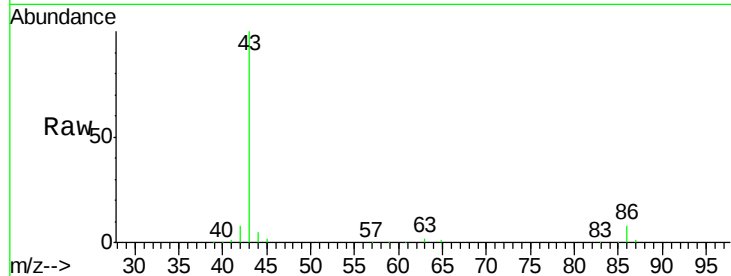
VD0401SBSD03

Tot Ion: 43 Resp: 1194459

Ion Ratio Lower Upper

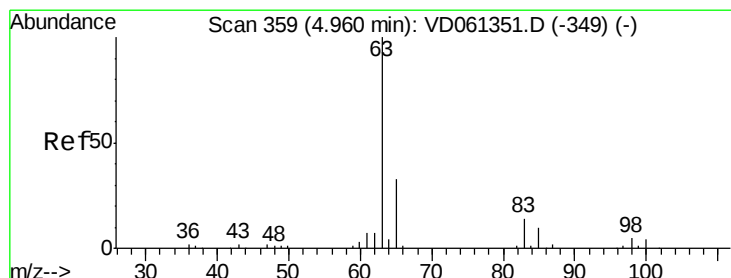
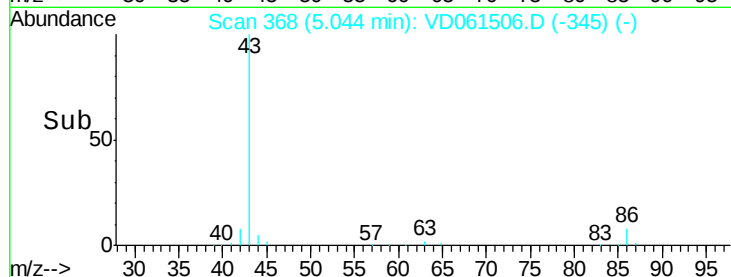
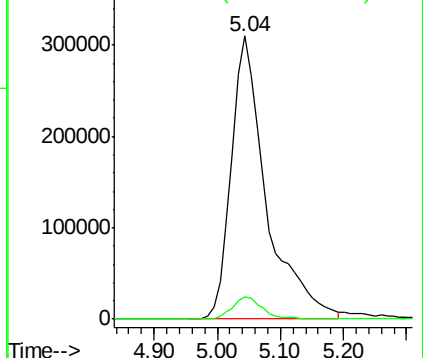
43 100

86 7.8 6.7 10.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 17.352 ug/l

RT: 4.96 min Scan# 360

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

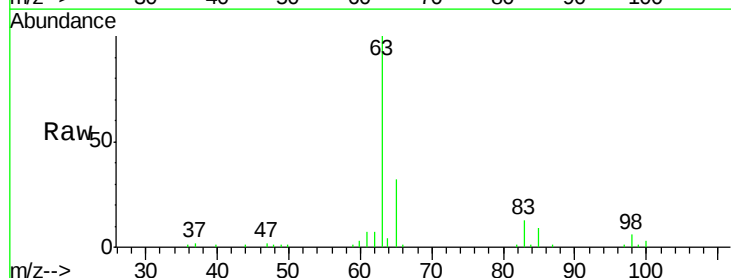
Tgt Ion: 63 Resp: 246777

Ion Ratio Lower Upper

63 100

98 6.0 2.6 8.0

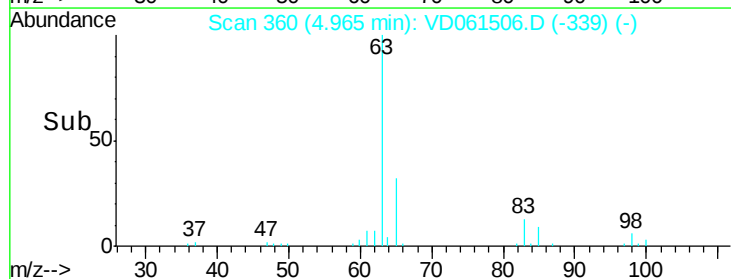
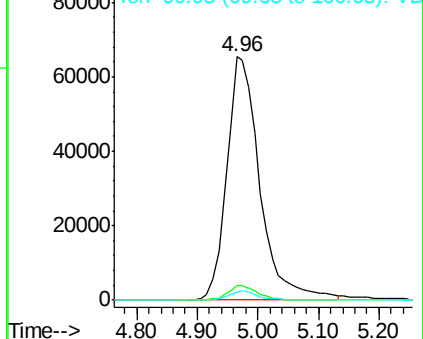
100 3.4 1.8 5.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 91.135 ug/l

RT: 6.06 min Scan# 471

Delta R.T. 0.02 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

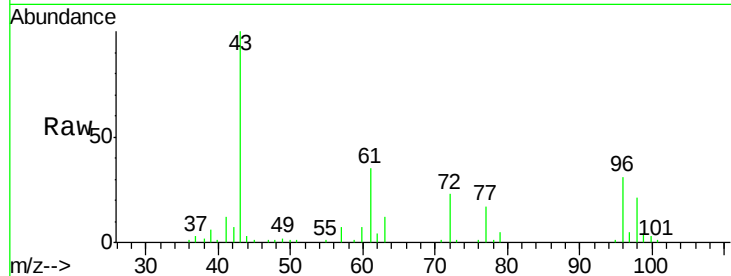
VD0401SBSD03

Tot Ion: 43 Resp: 192302

Ion Ratio Lower Upper

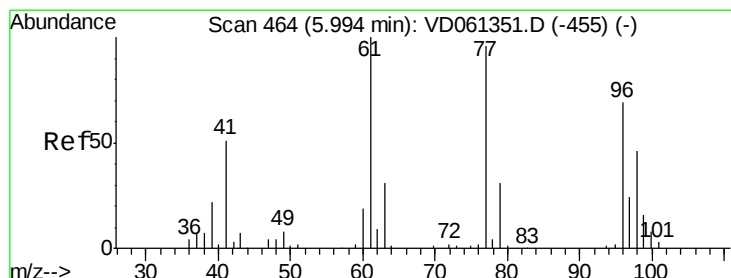
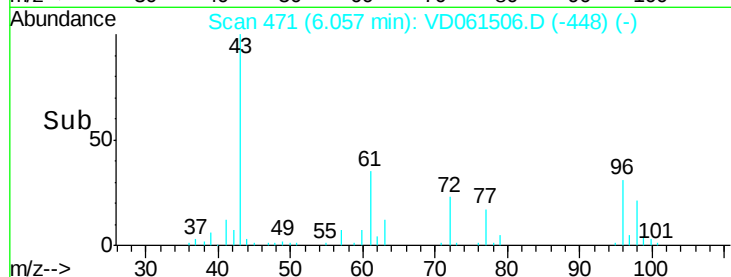
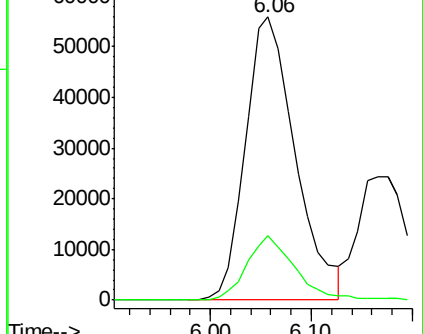
43 100

72 22.8 17.2 25.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.251 ug/l

RT: 6.01 min Scan# 466

Delta R.T. 0.01 min

Lab File: VD061506.D

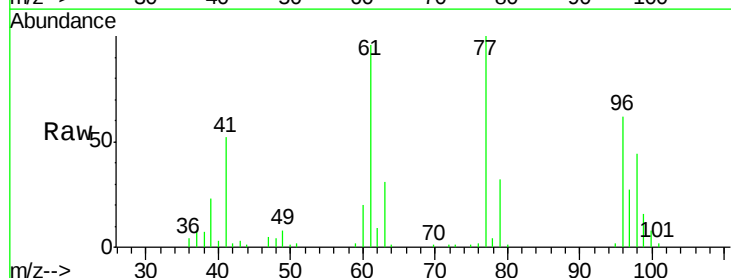
Acq: 2 Apr 2019 10:53

Tgt Ion: 77 Resp: 206338

Ion Ratio Lower Upper

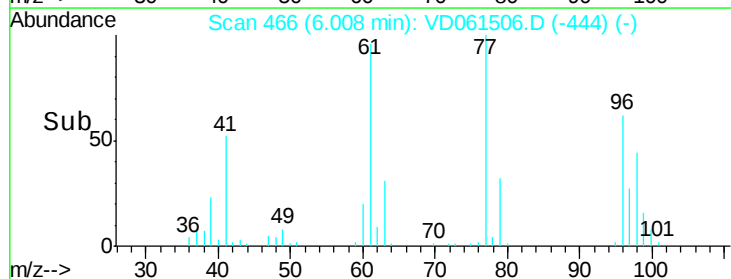
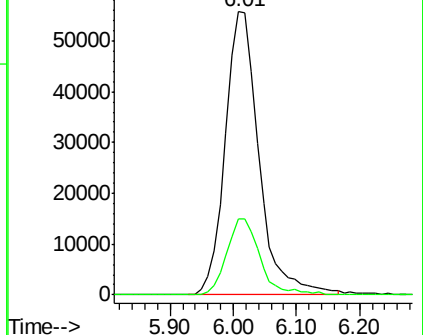
77 100

97 26.8 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



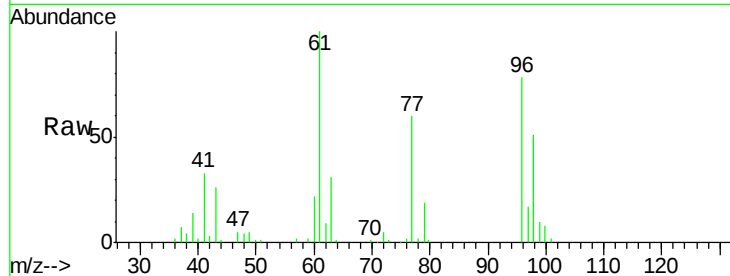


#27

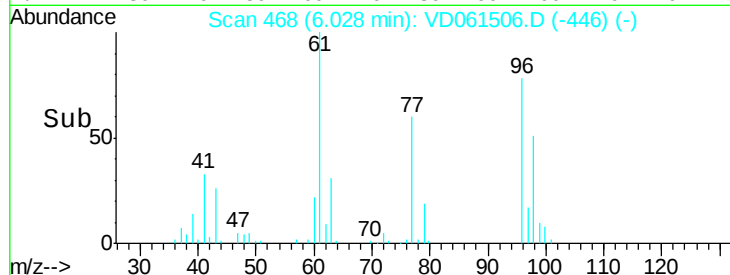
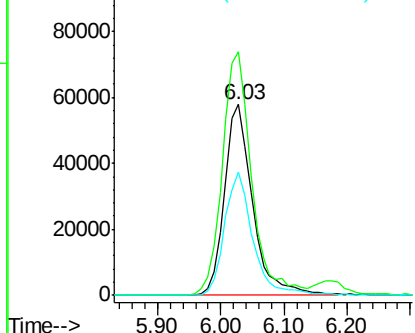
cis-1,2-Dichloroethene
 Concen: 18.475 ug/l
 RT: 6.03 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

Tot Ion: 96 Resp: 179183
 Ion Ratio Lower Upper
 96 100
 61 127.6 0.0 251.6
 98 64.7 0.0 129.2



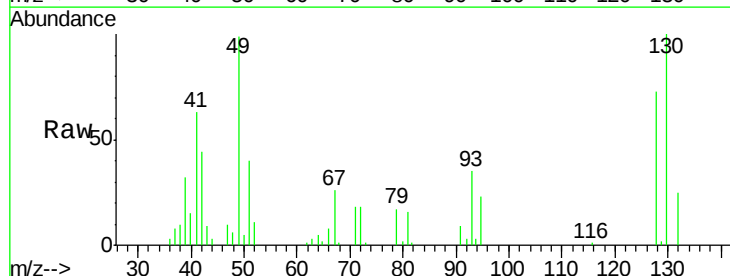
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



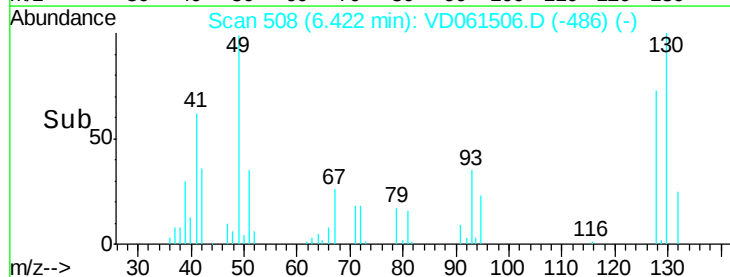
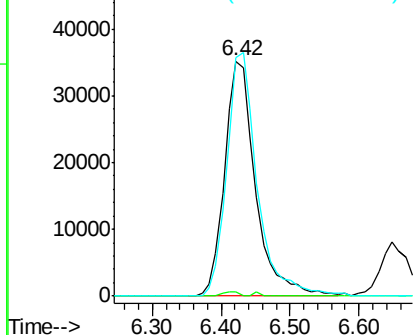
#28

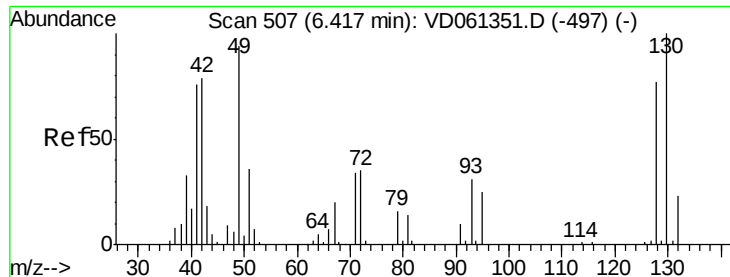
Bromochloromethane
 Concen: 19.044 ug/l
 RT: 6.42 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 49 Resp: 109332
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 0.0#
 130 101.1 78.4 117.6



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

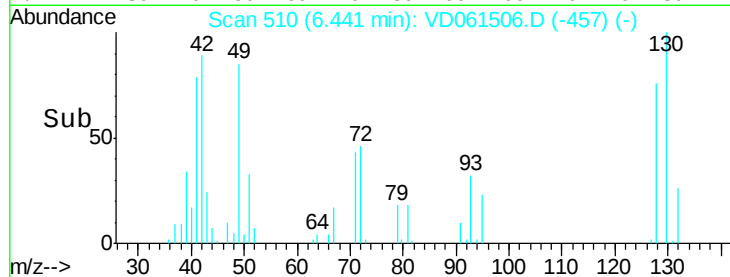
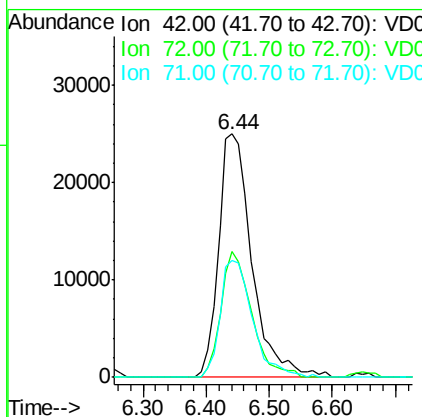
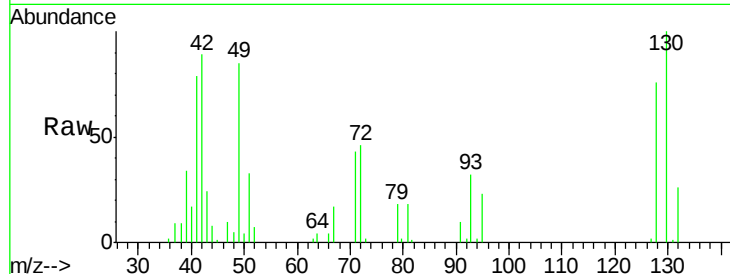




#29
Tetrahydrofuran
Concen: 89.677 ug/l
RT: 6.44 min Scan# 510
Delta R.T. 0.02 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

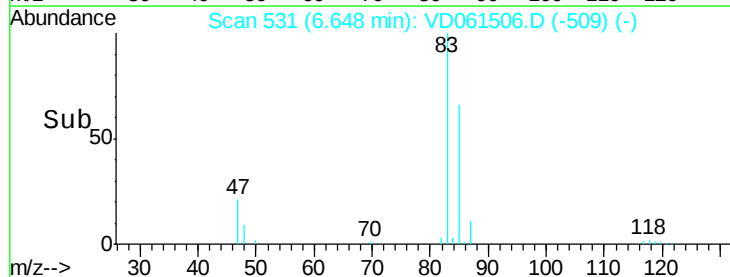
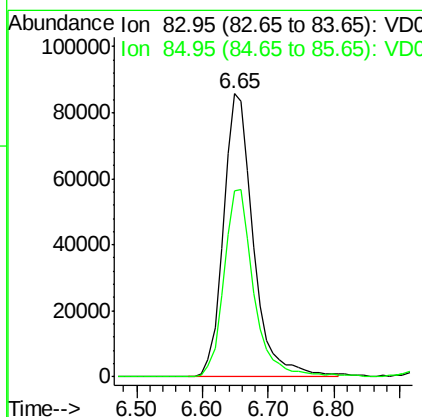
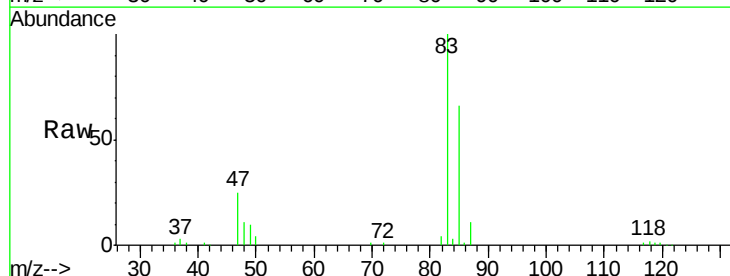
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 42 Resp: 91716
Ion Ratio Lower Upper
42 100
72 47.2 37.4 56.0
71 46.8 36.7 55.1



#30
Chloroform
Concen: 18.497 ug/l
RT: 6.65 min Scan# 531
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 83 Resp: 271823
Ion Ratio Lower Upper
83 100
85 65.8 53.0 79.4





#31

Cyclohexane

Concen: 18.055 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBSD03

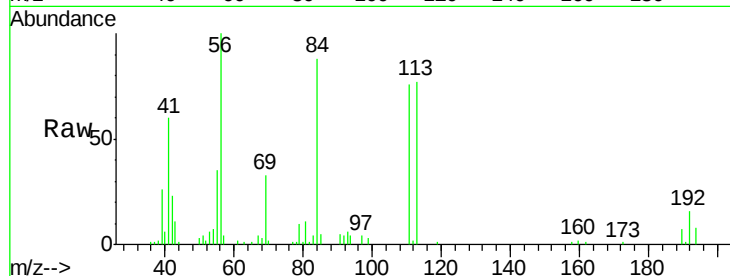
Tot Ion: 56 Resp: 202921

Ion Ratio Lower Upper

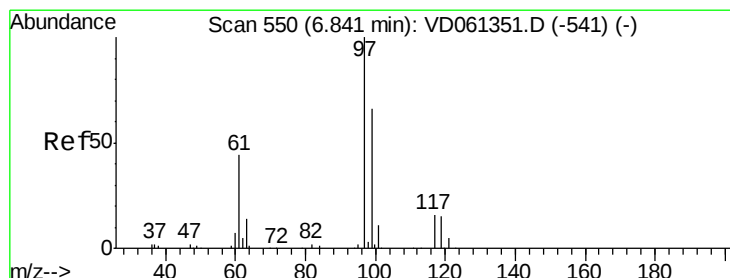
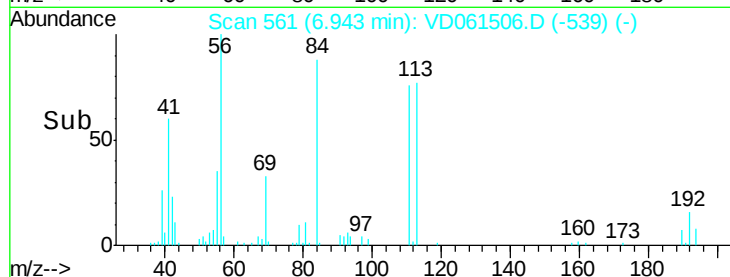
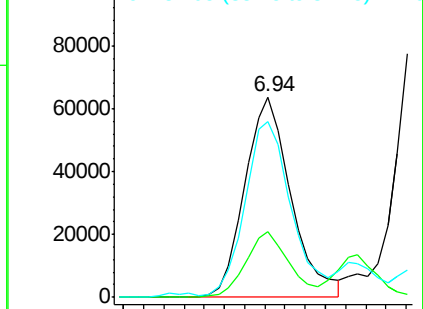
56 100

69 32.9 25.7 38.5

84 87.7 70.6 105.8



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



#32

1,1,1-Trichloroethane

Concen: 18.176 ug/l

RT: 6.86 min Scan# 553

Delta R.T. 0.02 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

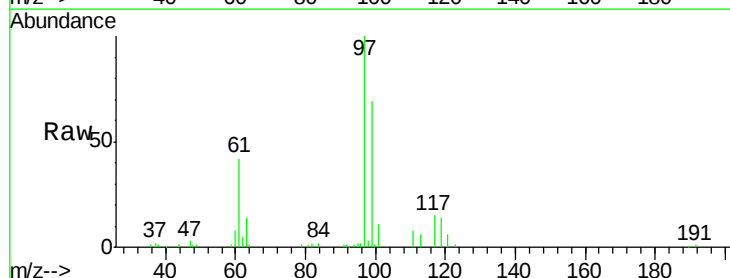
Tgt Ion: 97 Resp: 235645

Ion Ratio Lower Upper

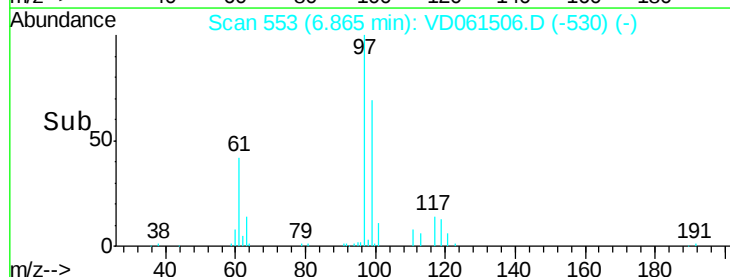
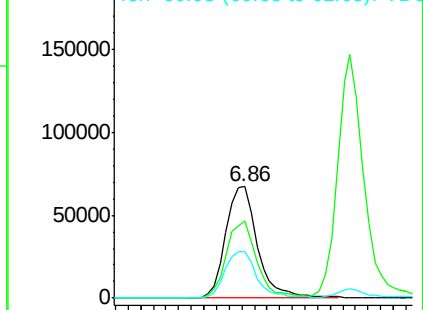
97 100

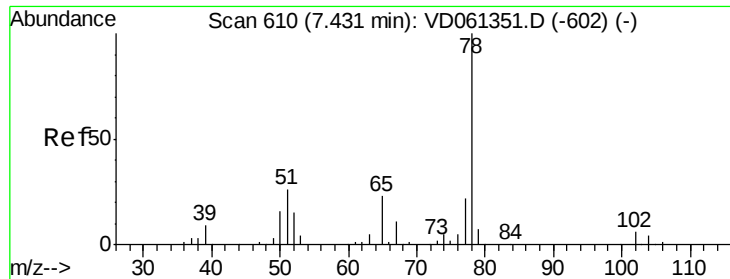
99 68.9 53.1 79.7

61 41.6 35.5 53.3



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

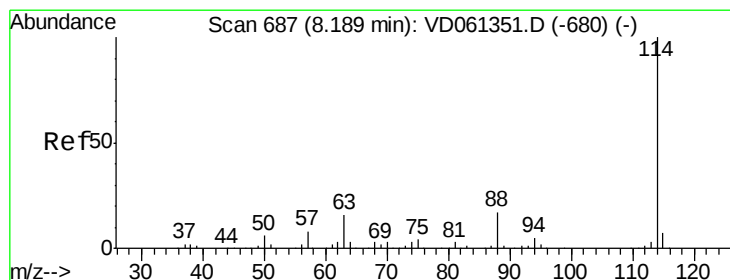
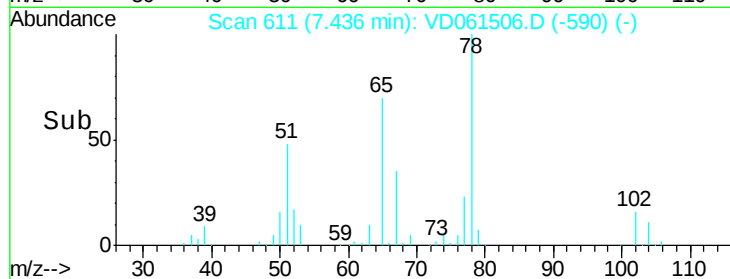
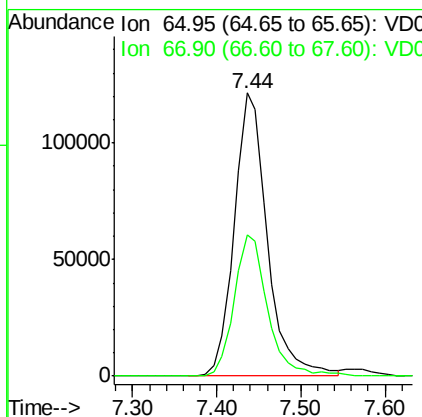
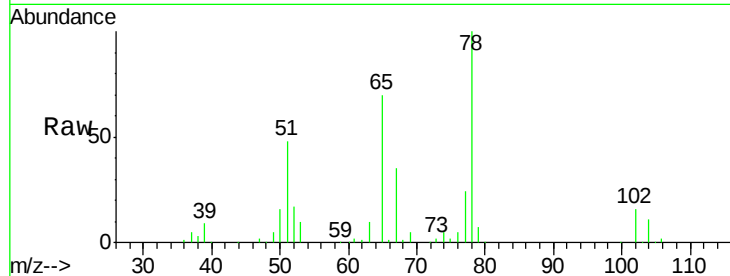




#33
 1,2-Dichloroethane-d4
 Concen: 18.176 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

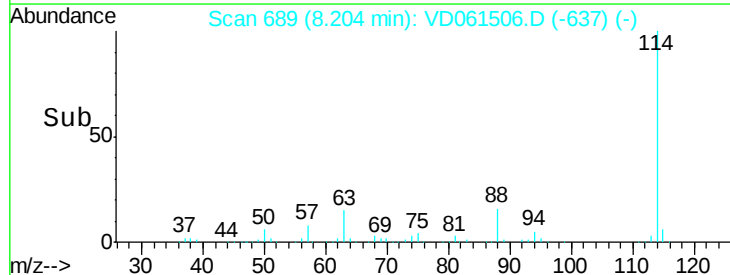
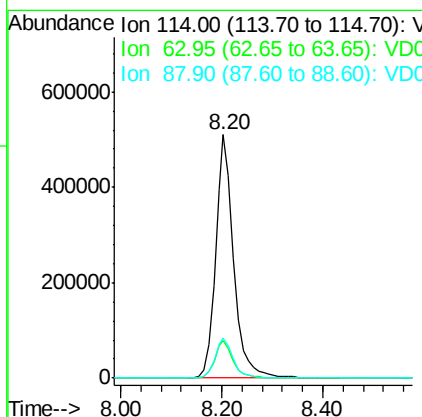
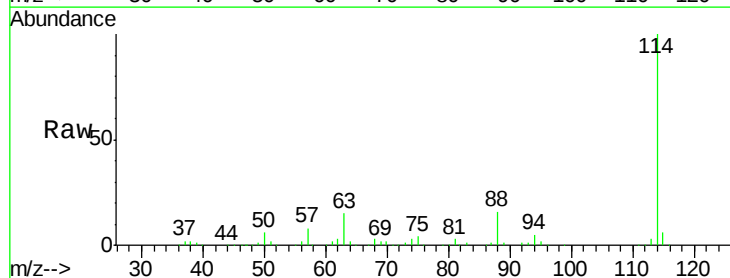
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

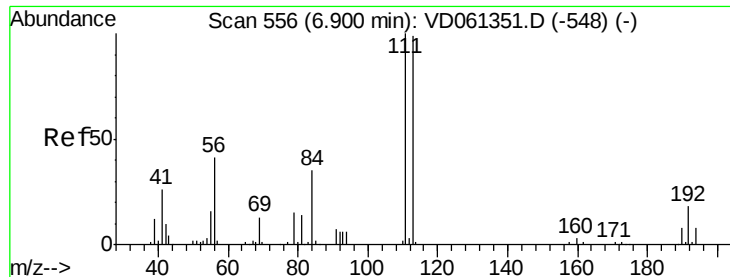
Tot Ion: 65 Resp: 331752
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 114 Resp: 1277375
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.6
 88 16.5 0.0 33.4

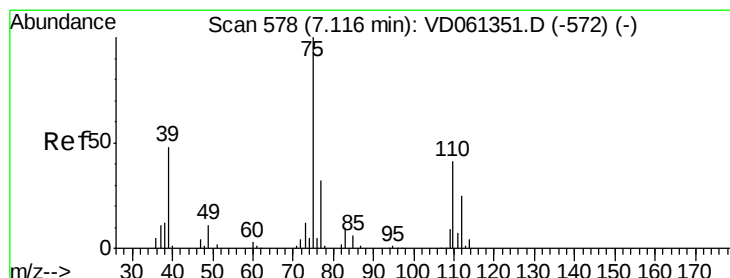
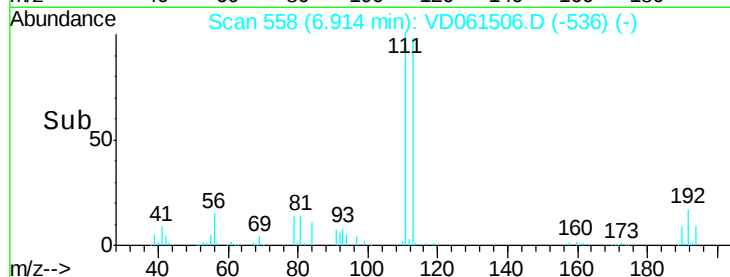
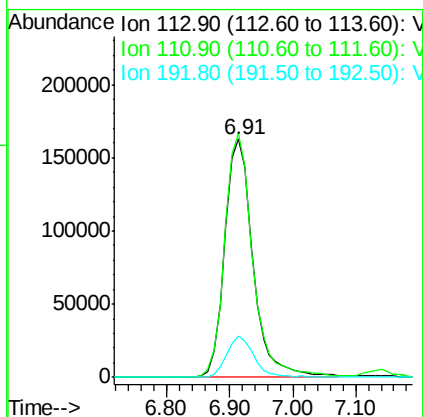
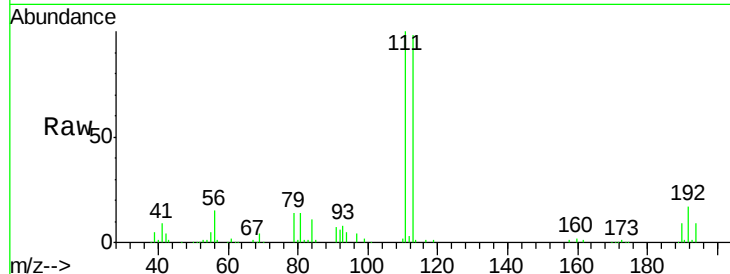




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

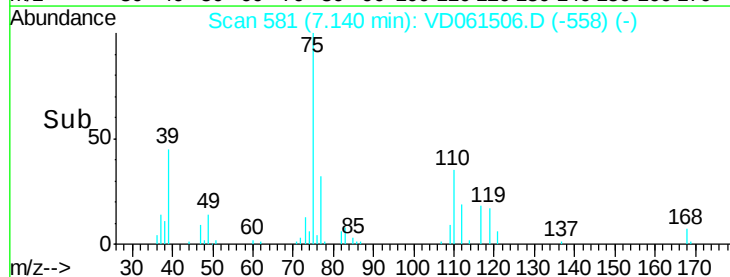
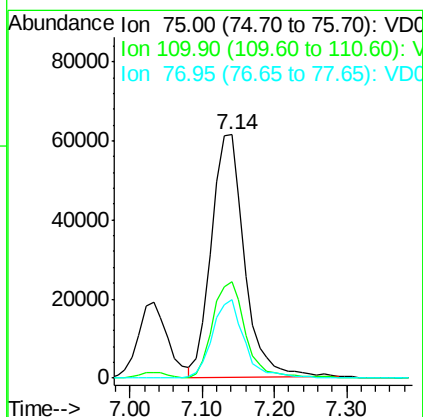
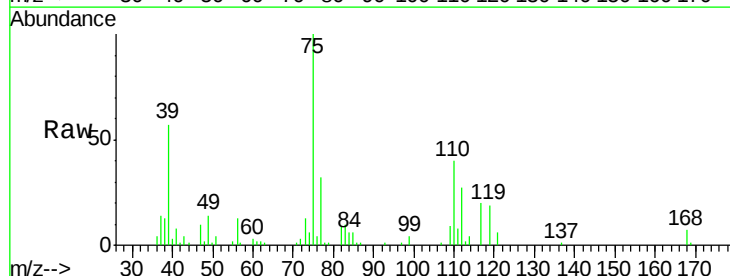
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

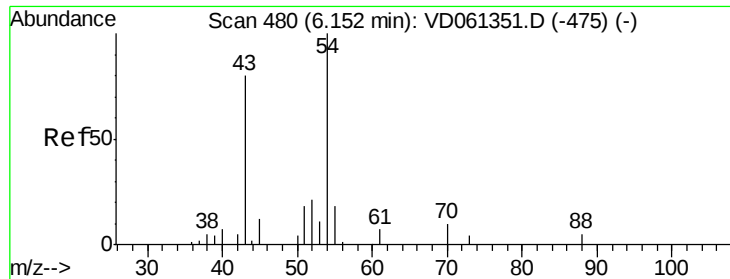
Tot Ion:113 Resp: 506420
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.6
 192 17.4 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 17.365 ug/l
 RT: 7.14 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 75 Resp: 193596
 Ion Ratio Lower Upper
 75 100
 110 39.6 20.4 61.3
 77 32.2 24.9 37.3

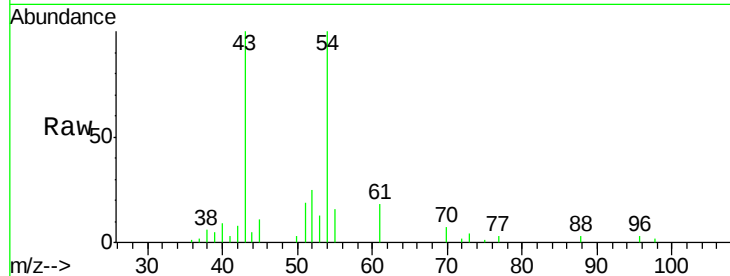




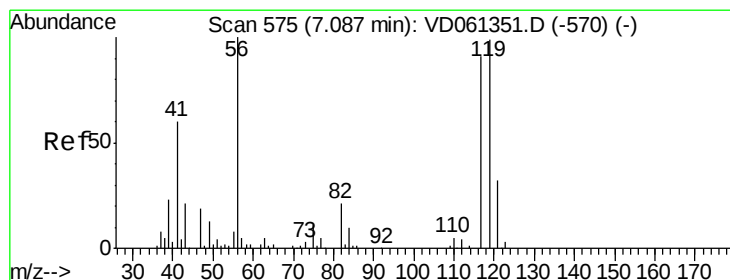
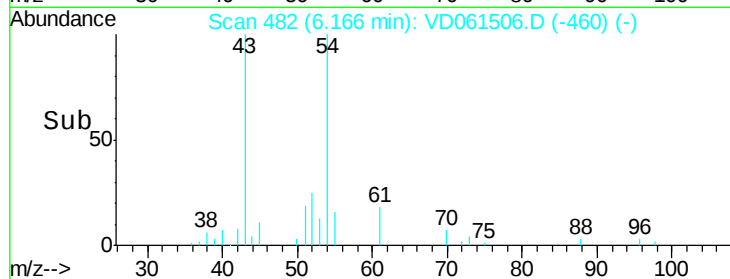
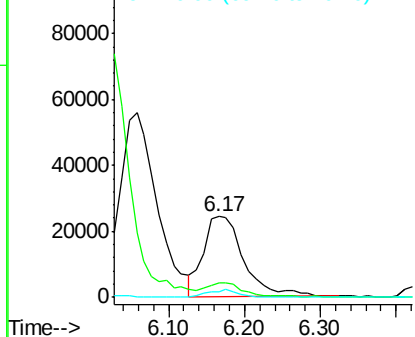
#37
Ethyl Acetate
Concen: 18.635 ug/l
RT: 6.17 min Scan# 482
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 43 Resp: 88853
Ion Ratio Lower Upper
43 100
61 18.0 13.8 20.8
70 7.1 7.8 11.8#

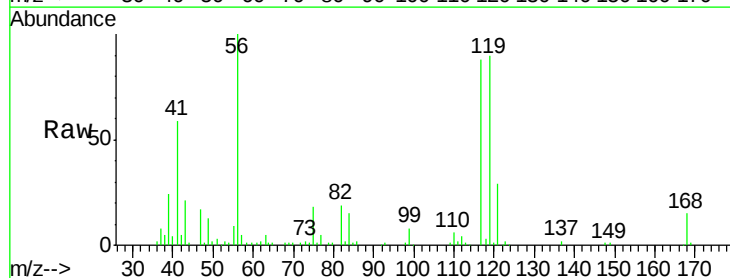


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

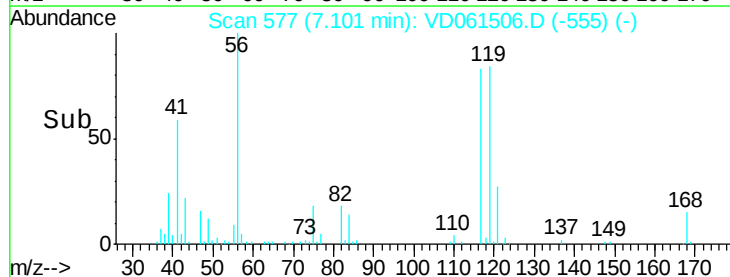
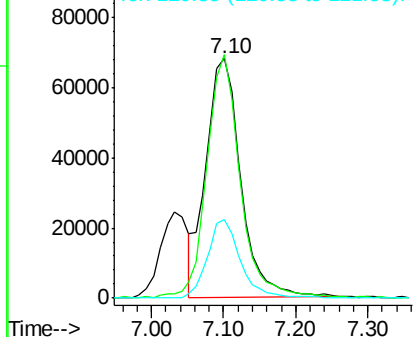


#38
Carbon Tetrachloride
Concen: 17.695 ug/l
RT: 7.10 min Scan# 577
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 117 Resp: 226693
Ion Ratio Lower Upper
117 100
119 101.6 80.1 120.1
121 32.7 25.6 38.4



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





#39

Methvlcvclohexane

Concen: 18.848 ug/l

RT: 8.85 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBSD03

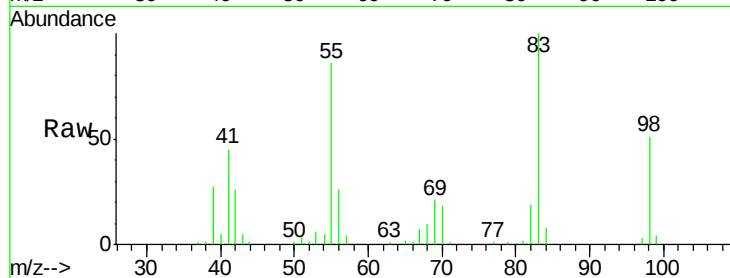
Tot Ion: 83 Resp: 218842

Ion Ratio Lower Upper

83 100

55 86.4 71.5 107.3

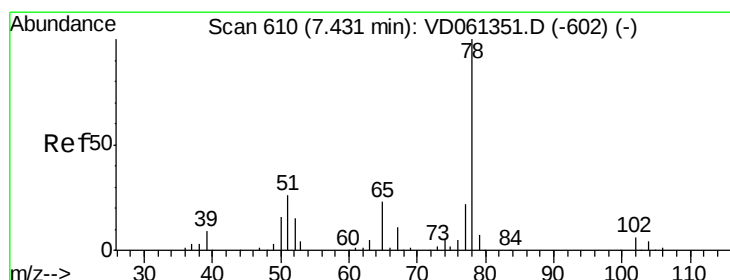
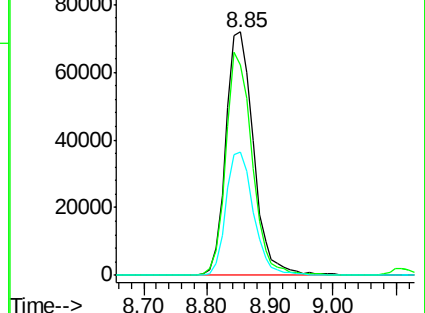
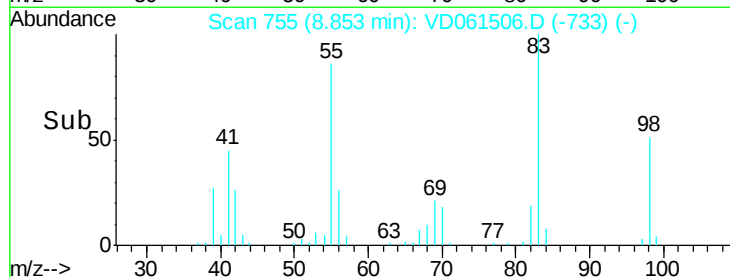
98 50.6 40.3 60.5



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 18.106 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061506.D

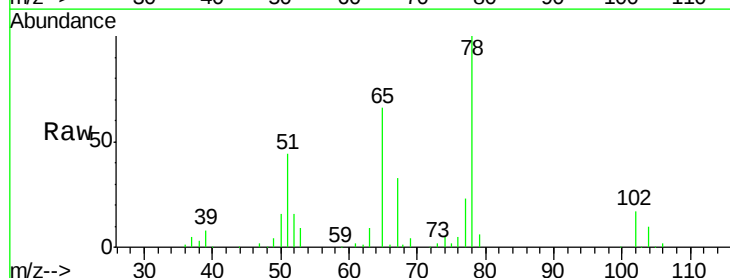
Acq: 2 Apr 2019 10:53

Tgt Ion: 78 Resp: 506611

Ion Ratio Lower Upper

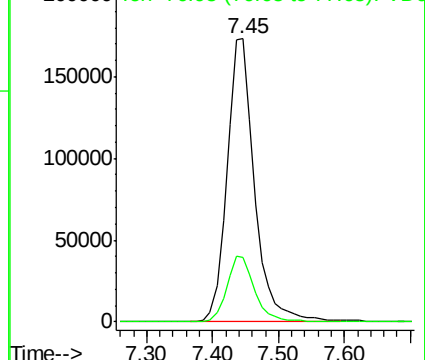
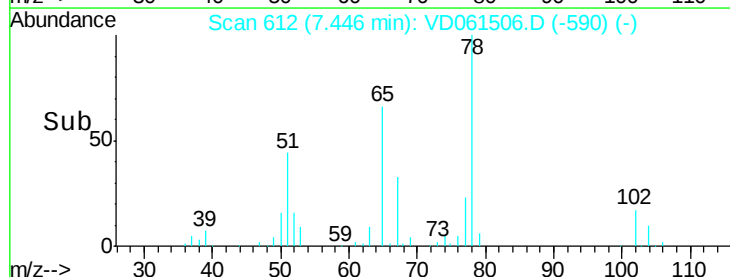
78 100

77 22.8 17.8 26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

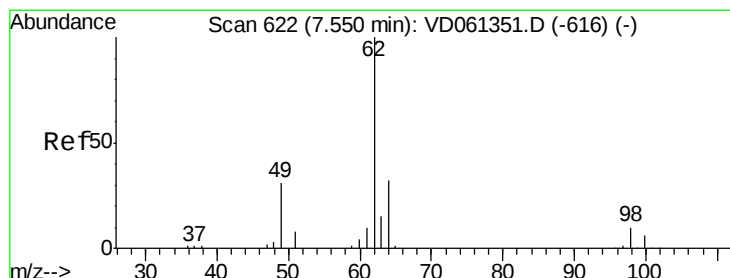
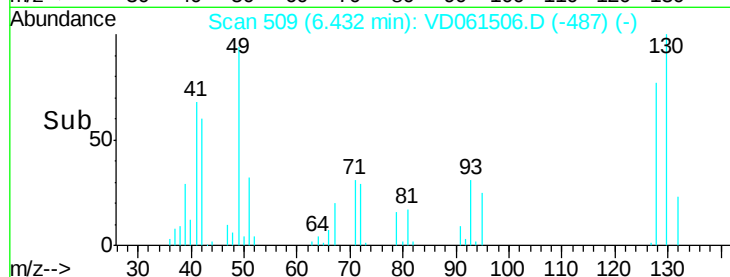
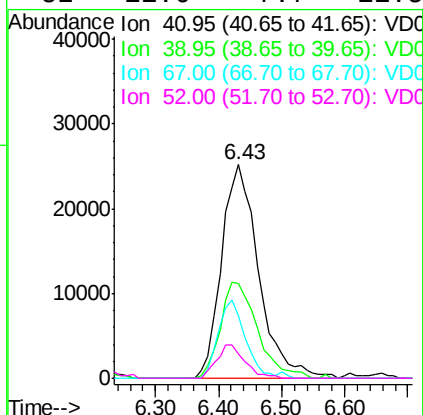
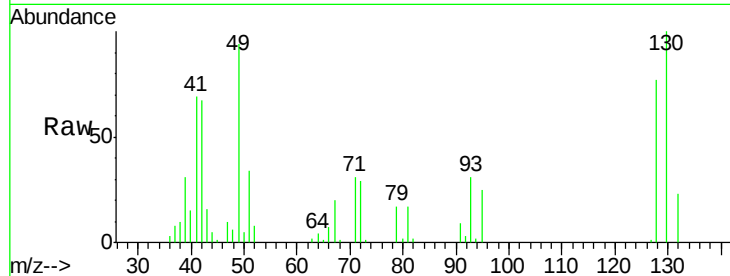




#41
Methacrylonitrile
Concen: 18.428 ug/l
RT: 6.43 min Scan# 509
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

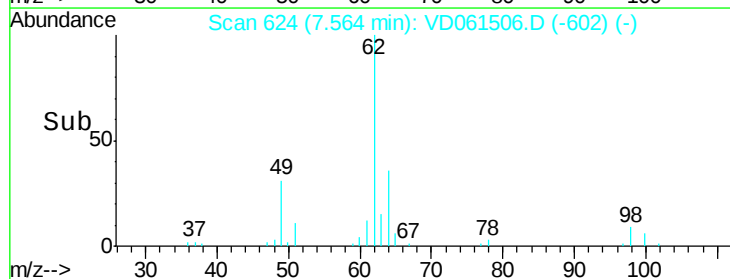
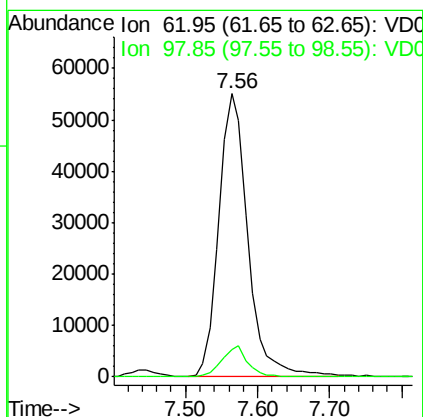
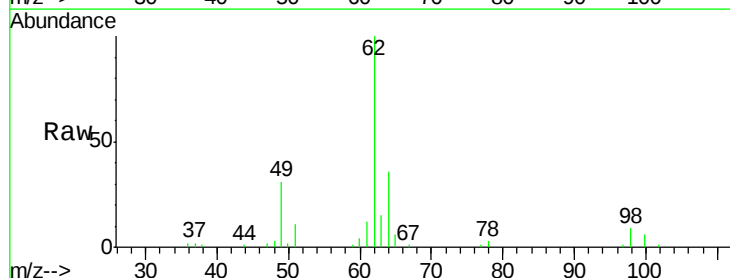
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

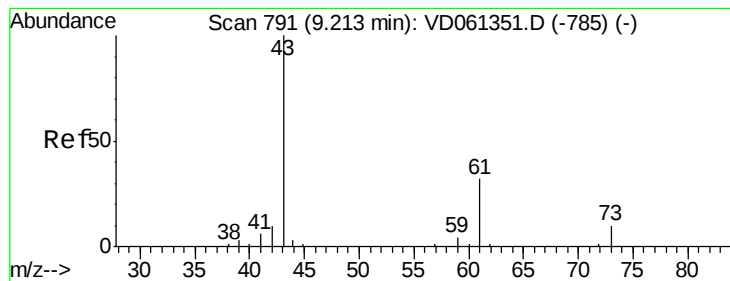
Tot Ion: 41 Resp: 102737
Ion Ratio Lower Upper
41 100
39 44.3 35.0 52.6
67 29.3 21.0 31.6
52 11.6 7.7 11.5#



#42
1,2-Dichloroethane
Concen: 18.344 ug/l
RT: 7.56 min Scan# 624
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 62 Resp: 153531
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8



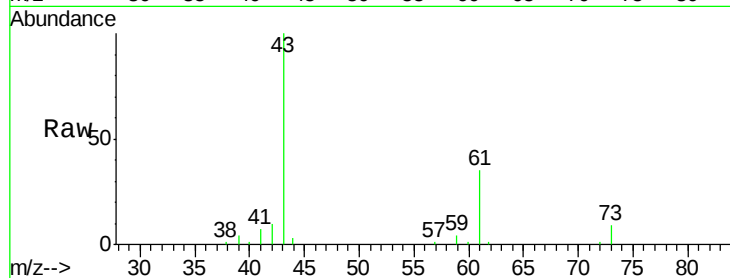


#43

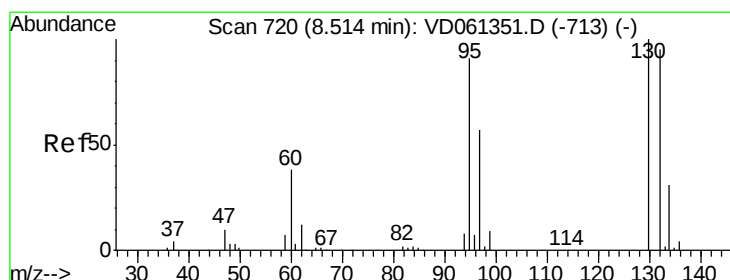
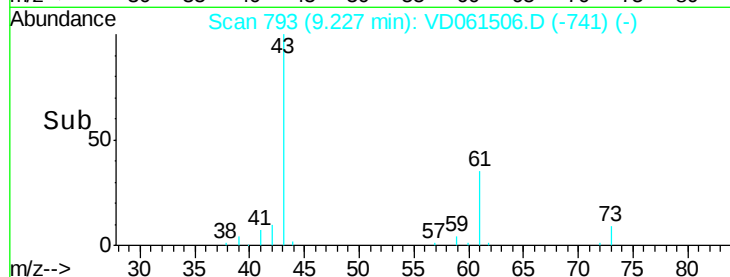
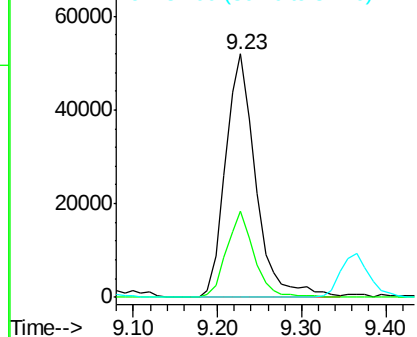
Isopropyl Acetate
 Concen: 18.698 ug/l
 RT: 9.23 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0401SBS03

Tot Ion: 43 Resp: 129712
 Ion Ratio Lower Upper
 43 100
 61 35.3 25.8 38.6
 87 0.0 0.0 0.0



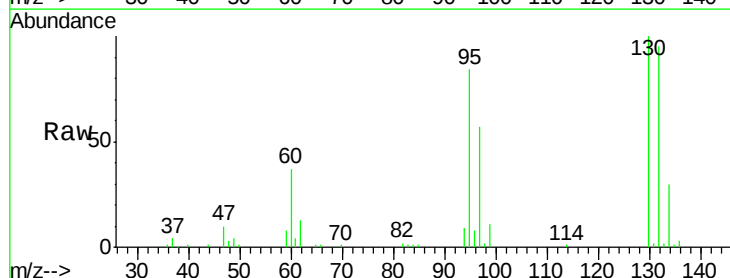
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



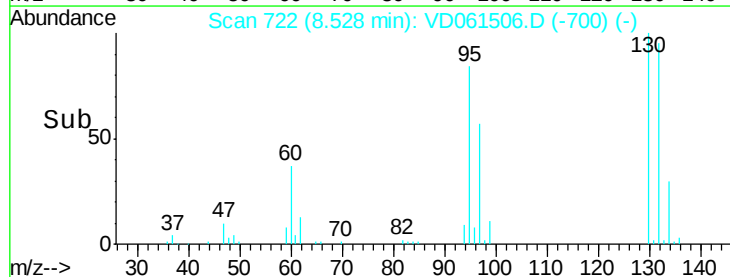
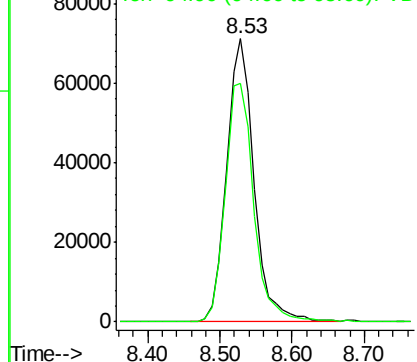
#44

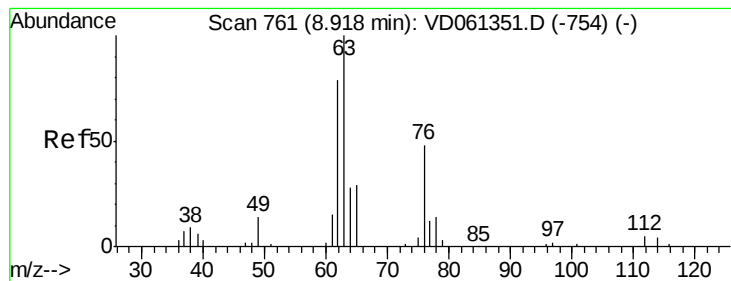
Trichloroethene
 Concen: 17.943 ug/l
 RT: 8.53 min Scan# 722
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 130 Resp: 186839
 Ion Ratio Lower Upper
 130 100
 95 84.5 0.0 181.4



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





#45

1,2-Dichloropropane

Concen: 18.886 ug/l

RT: 8.92 min Scan# 762

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

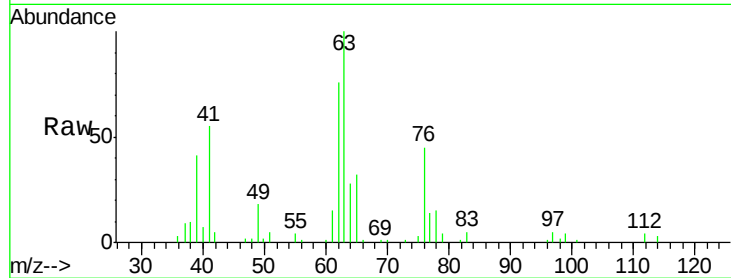
VD0401SBSD03

Tot Ion: 63 Resp: 133994

Ion Ratio Lower Upper

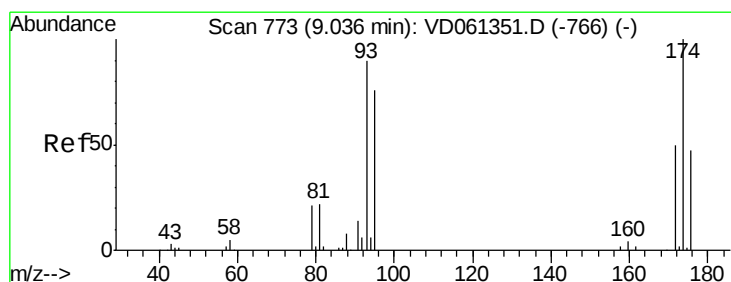
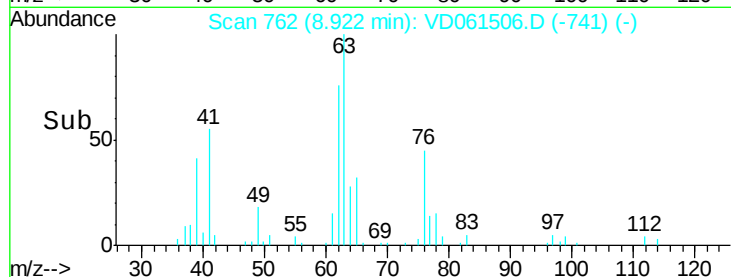
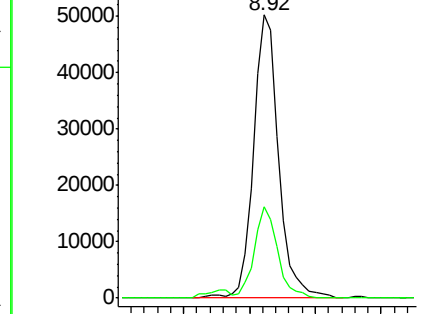
63 100

65 32.1 25.0 37.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 18.325 ug/l

RT: 9.05 min Scan# 775

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

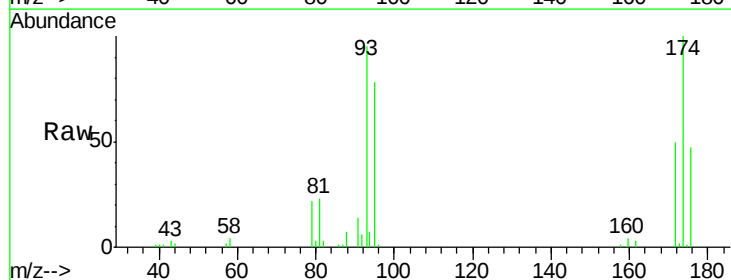
Tgt Ion: 93 Resp: 87510

Ion Ratio Lower Upper

93 100

95 82.1 67.4 101.0

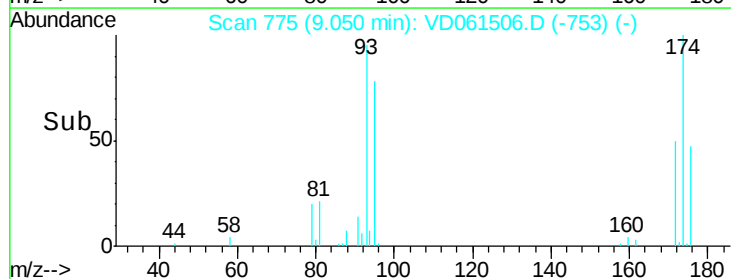
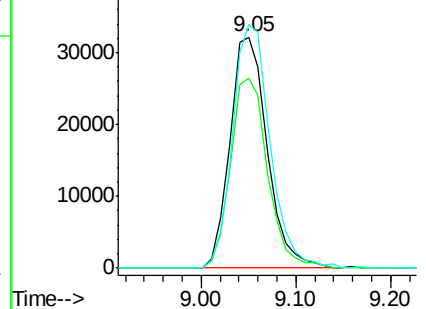
174 105.3 88.9 133.3



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 19.831 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBSD03

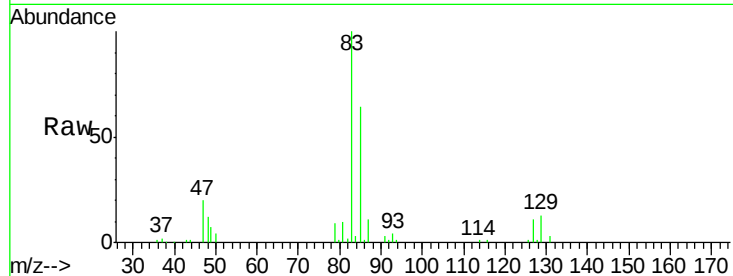
Tot Ion: 83 Resp: 212551

Ion Ratio Lower Upper

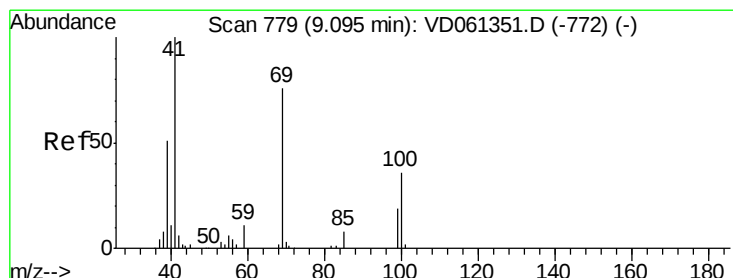
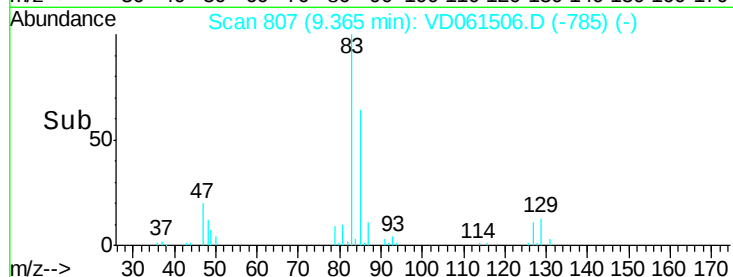
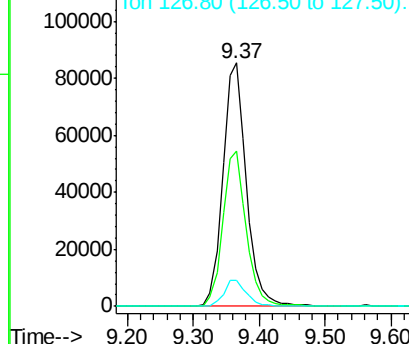
83 100

85 63.5 53.0 79.4

127 10.8 8.4 12.6



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



#48

Methyl methacrylate

Concen: 19.502 ug/l

RT: 9.11 min Scan# 781

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

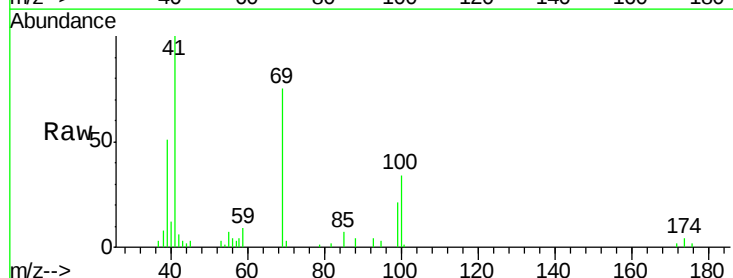
Tgt Ion: 41 Resp: 74665

Ion Ratio Lower Upper

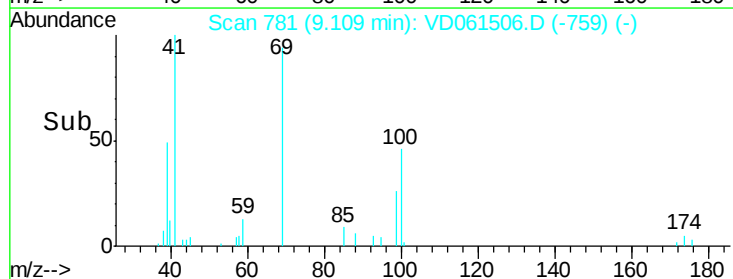
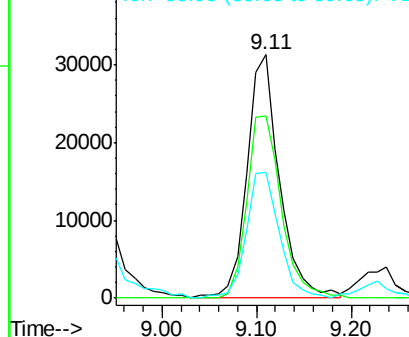
41 100

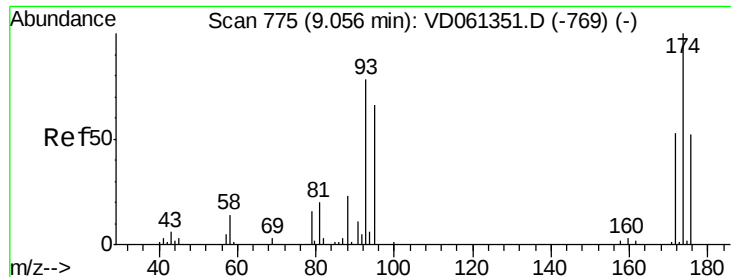
69 75.0 60.2 90.4

39 51.4 41.4 62.2



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

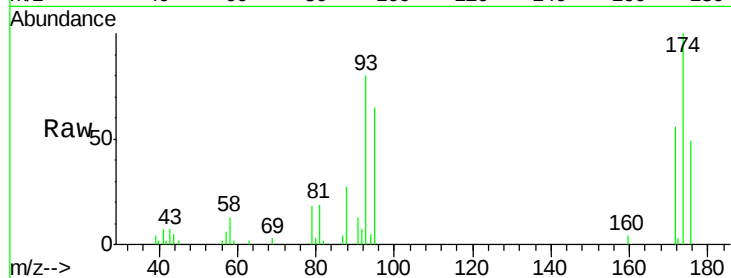




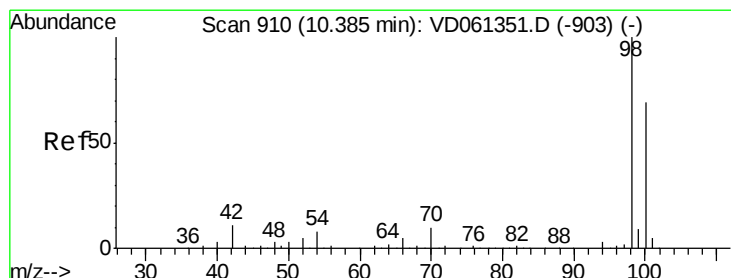
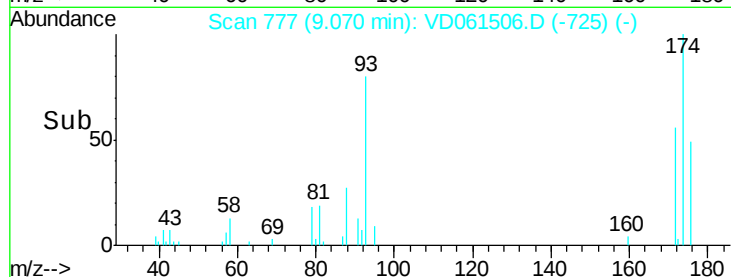
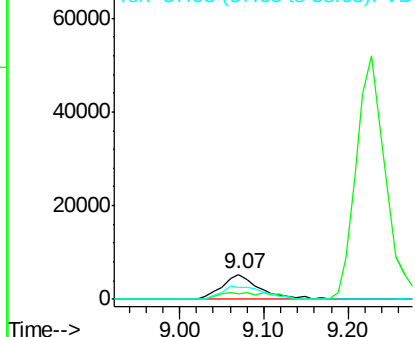
#49
1,4-Dioxane
Concen: 386.815 ug/l
RT: 9.07 min Scan# 777
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 88 Resp: 16335
Ion Ratio Lower Upper
88 100
43 24.1 23.3 34.9
58 49.2 50.8 76.2#

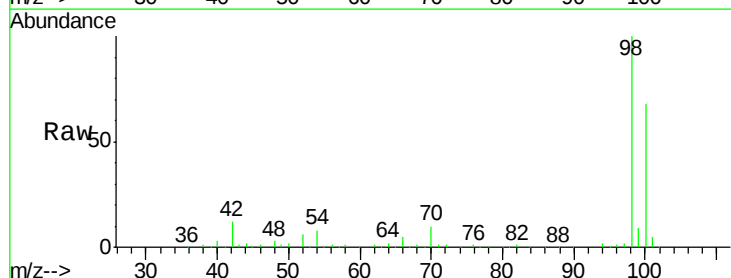


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

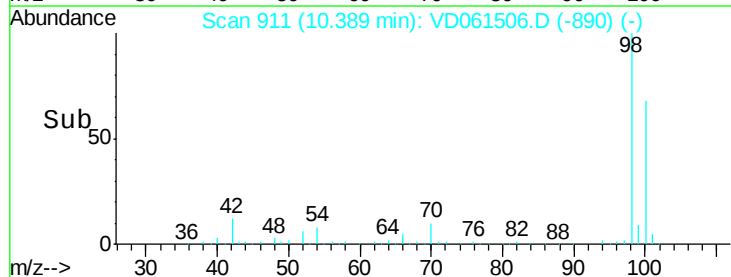
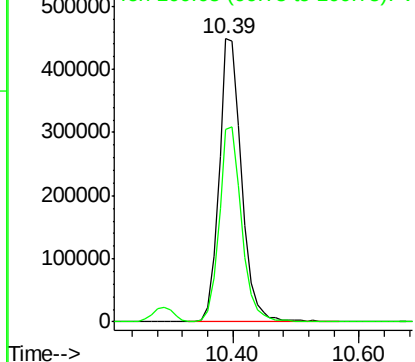


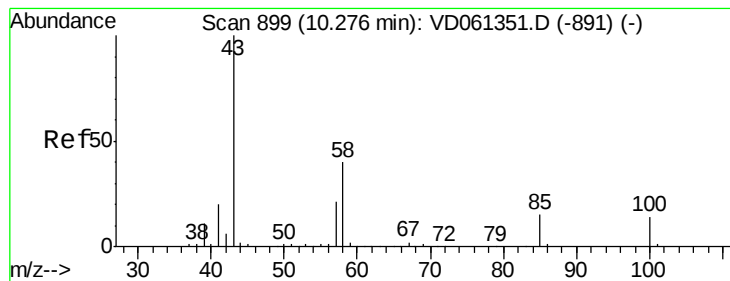
#50
Toluene-d8
Concen: 386.815 ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 98 Resp: 1114678
Ion Ratio Lower Upper
98 100
100 67.9 56.2 84.2



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





#51

4-Methyl-2-Pentanone

Concen: 102.929 ug/l

RT: 10.29 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

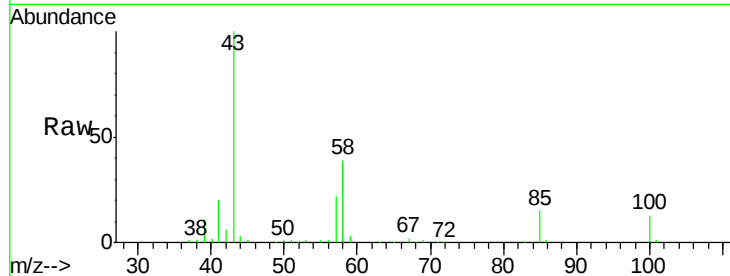
VD0401SBSD03

Tot Ion: 43 Resp: 434423

Ion Ratio Lower Upper

43 100

58 39.0 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.29

200000

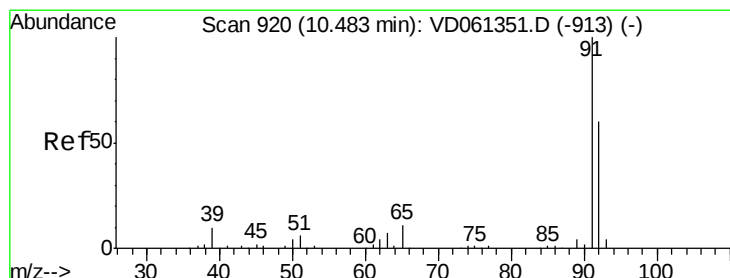
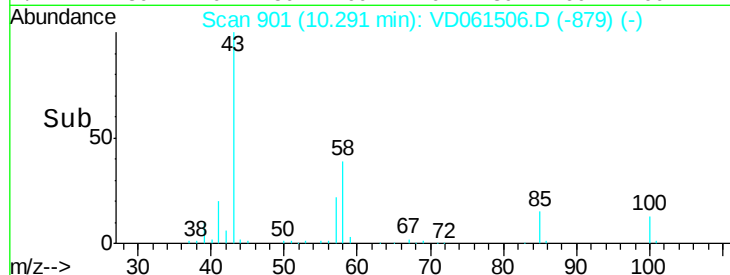
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.674 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD061506.D

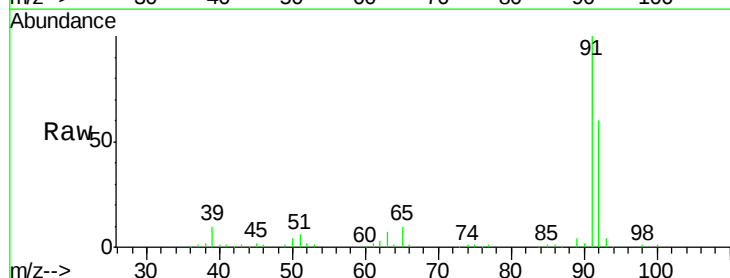
Acq: 2 Apr 2019 10:53

Tgt Ion: 92 Resp: 318762

Ion Ratio Lower Upper

92 100

91 167.9 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.50

250000

200000

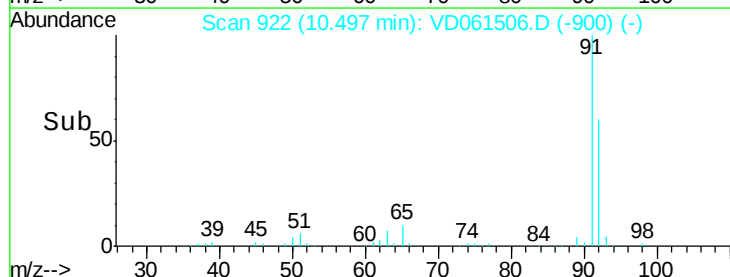
150000

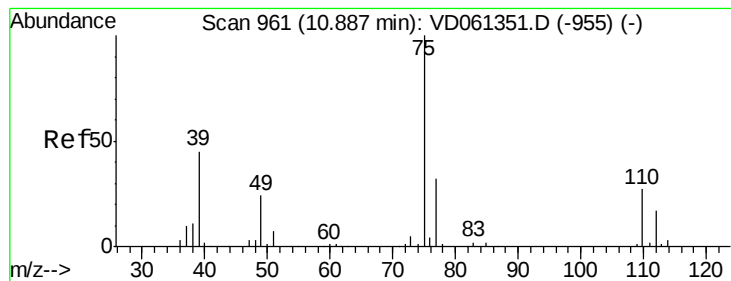
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.614 ug/l

RT: 10.90 min Scan# 963

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

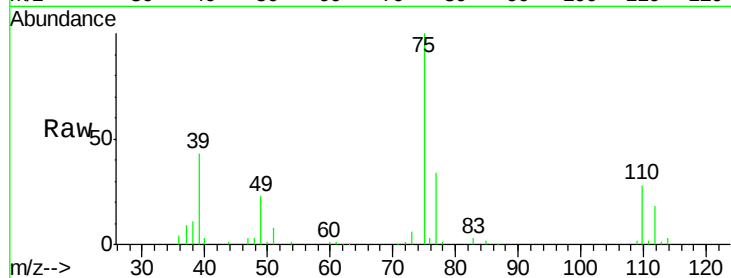
VD0401SBSD03

Tot Ion: 75 Resp: 181266

Ion Ratio Lower Upper

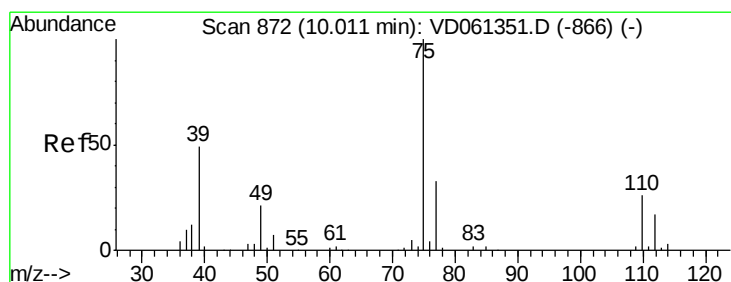
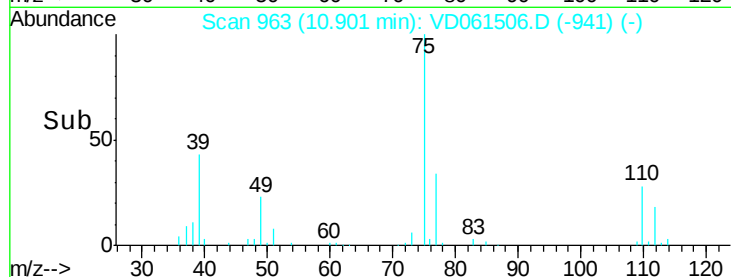
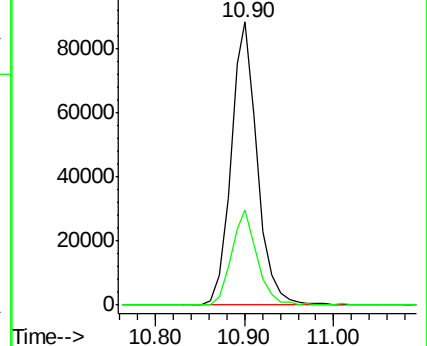
75 100

77 33.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 17.985 ug/l

RT: 10.02 min Scan# 874

Delta R.T. 0.01 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

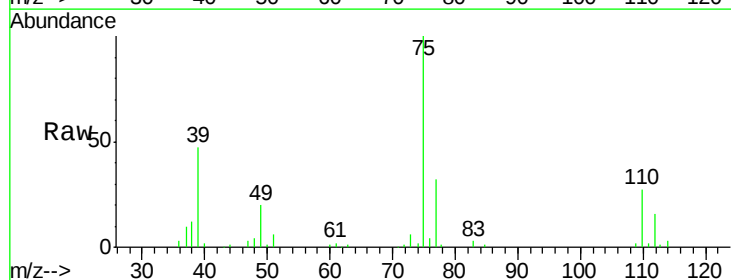
Tgt Ion: 75 Resp: 213253

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

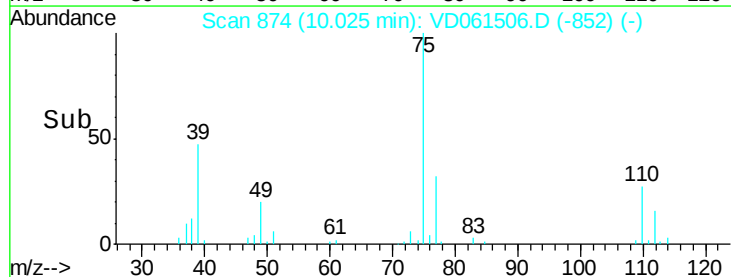
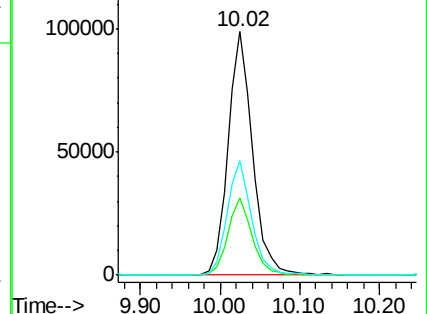
39 46.9 39.4 59.0

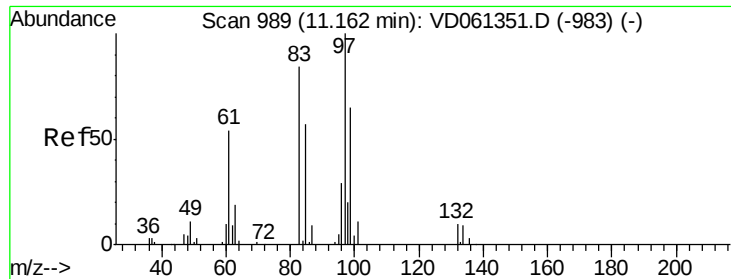


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC



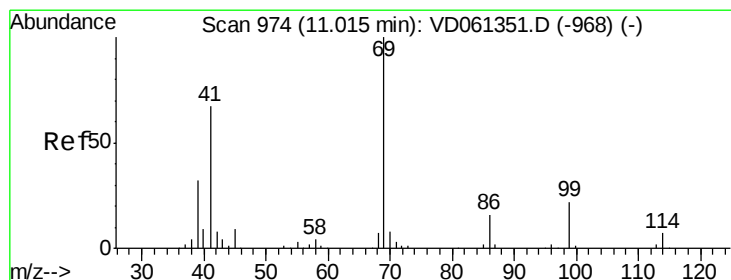
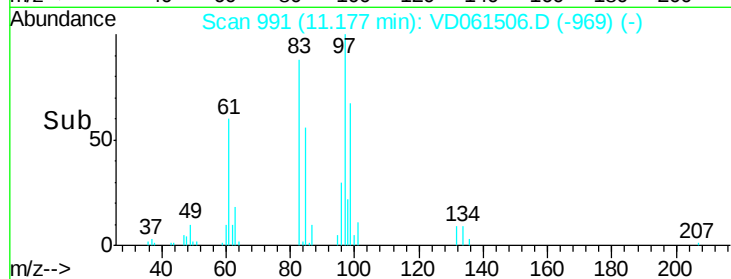
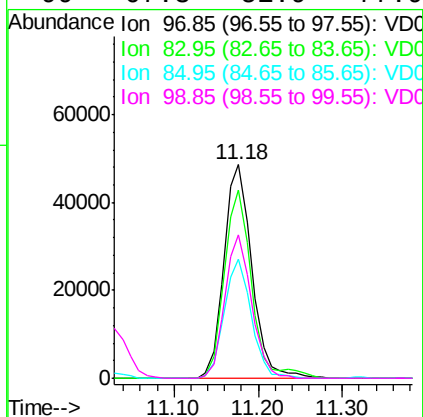
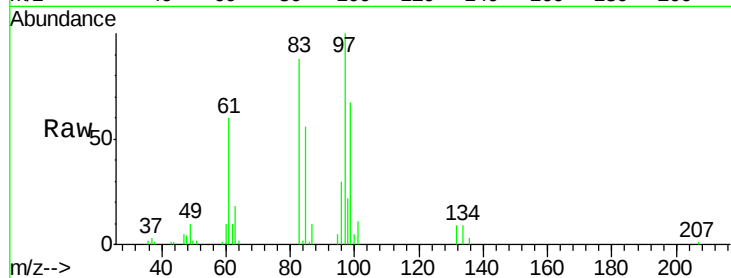


#55
 1,1,2-Trichloroethane
 Concen: 18.688 ug/l
 RT: 11.18 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

Tot Ion: 97 Resp: 111563

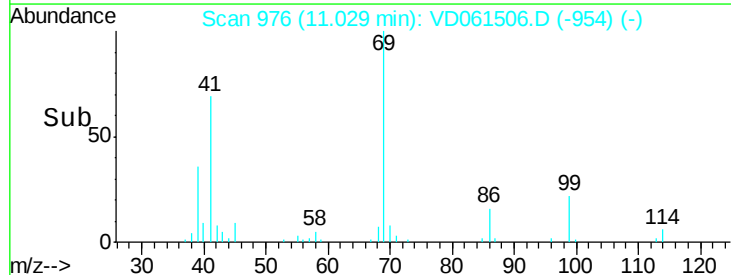
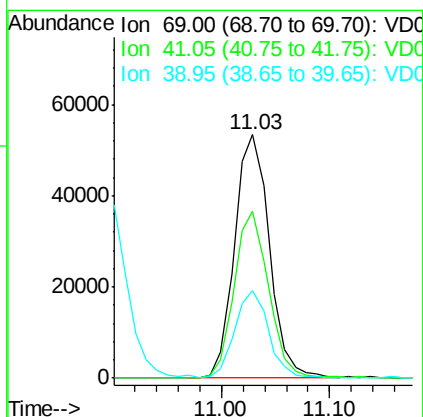
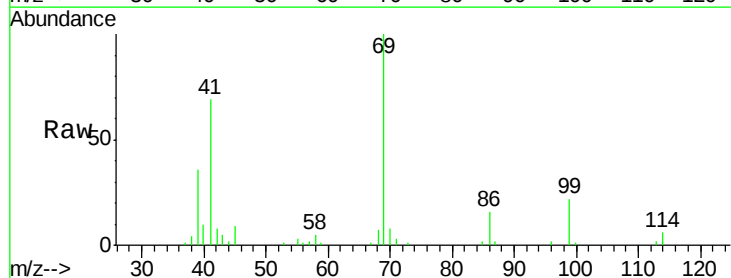
Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.0	100.6
85	56.0	45.4	68.2
99	67.3	51.9	77.9

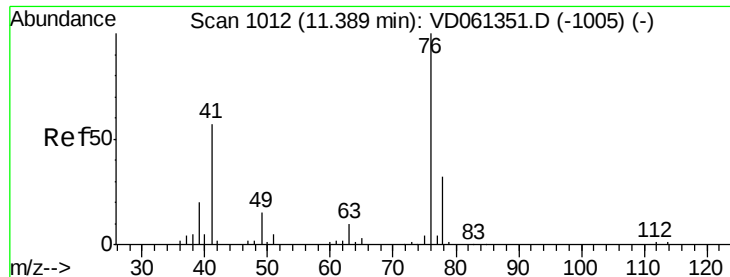


#56
 Ethyl methacrylate
 Concen: 18.586 ug/l
 RT: 11.03 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 69 Resp: 119194

Ion	Ratio	Lower	Upper
69	100		
41	68.6	53.8	80.6
39	35.8	26.4	39.6

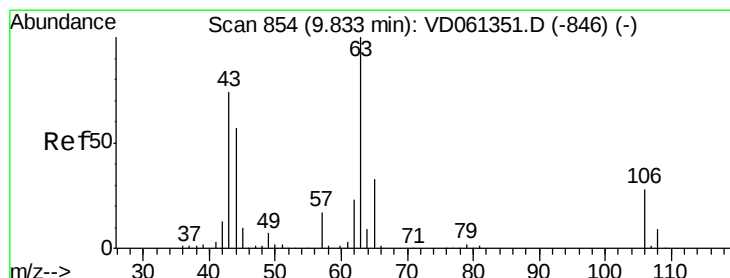
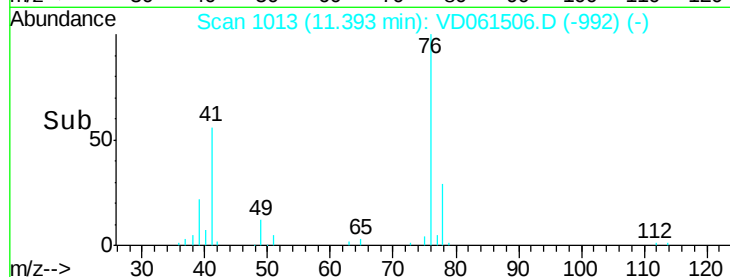
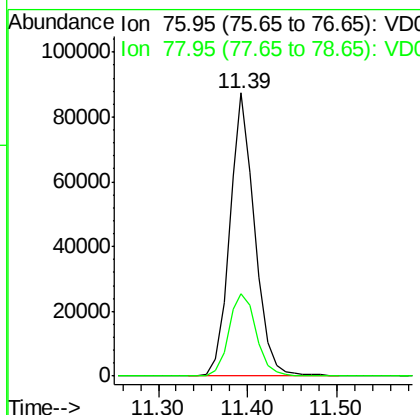
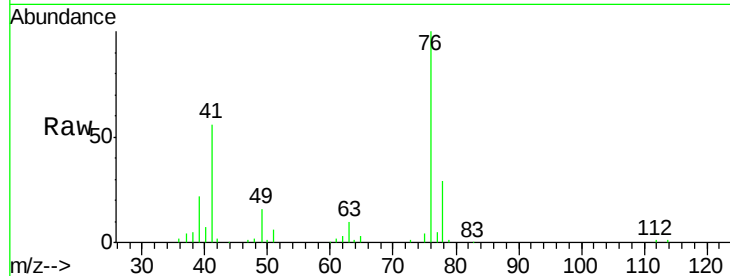




#57
 1,3-Dichloropropane
 Concen: 19.433 ug/l
 RT: 11.39 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

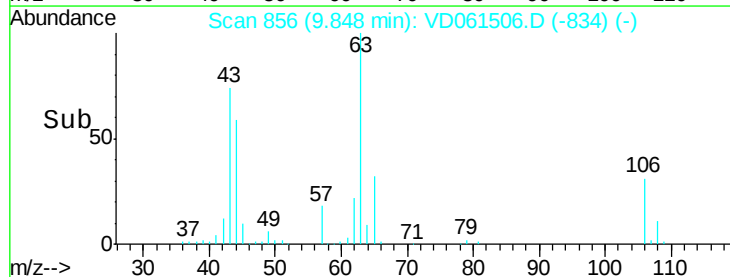
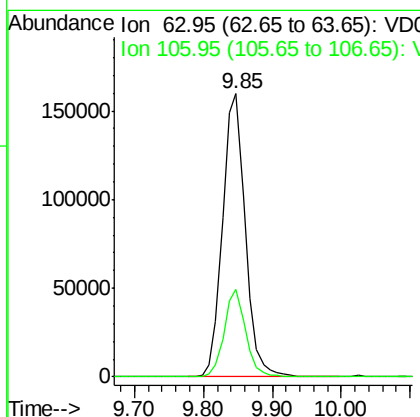
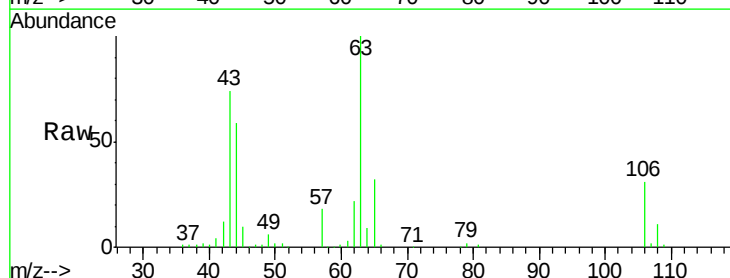
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

Tot Ion: 76 Resp: 170513
 Ion Ratio Lower Upper
 76 100
 78 29.0 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.894 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 63 Resp: 365074
 Ion Ratio Lower Upper
 63 100
 106 30.9 22.4 33.6

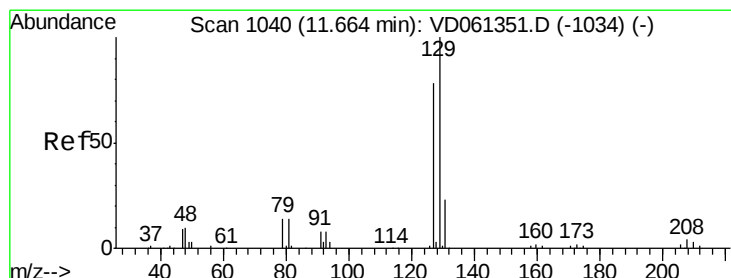
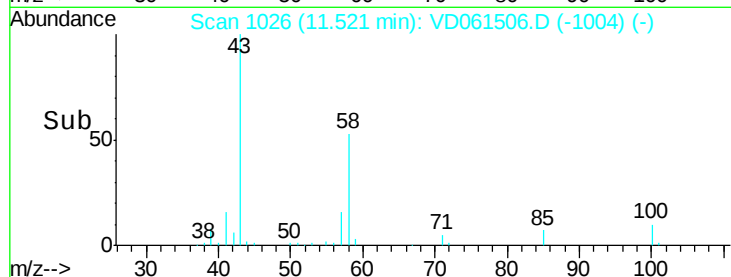
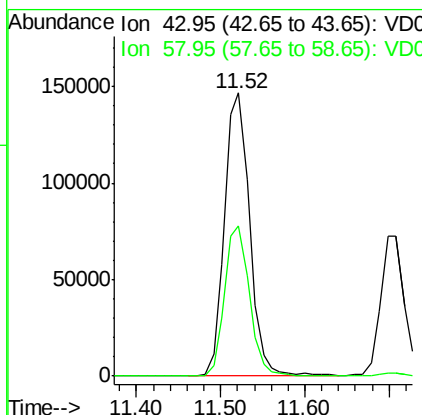
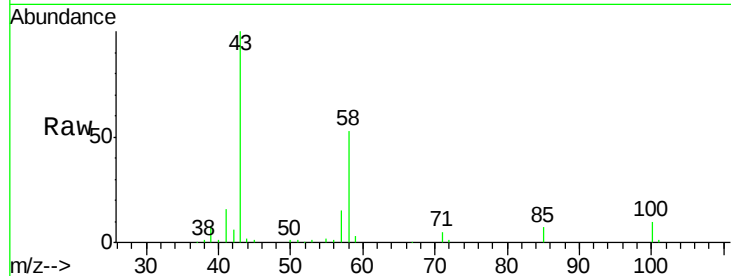




#59
2-Hexanone
Concen: 99.720 ug/l
RT: 11.52 min Scan# 1026
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

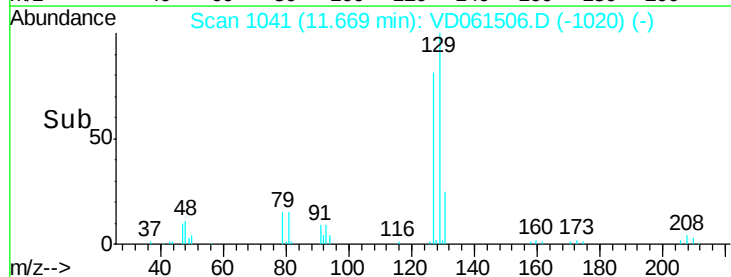
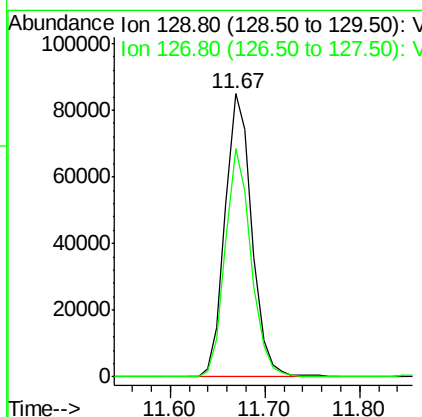
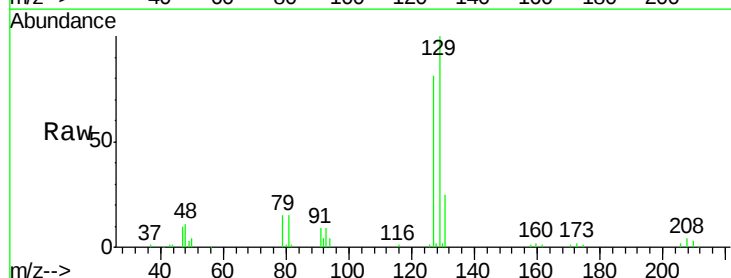
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 43 Resp: 304942
Ion Ratio Lower Upper
43 100
58 53.1 26.3 78.9



#60
Dibromochloromethane
Concen: 18.112 ug/l
RT: 11.67 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 129 Resp: 166688
Ion Ratio Lower Upper
129 100
127 80.8 39.0 116.9

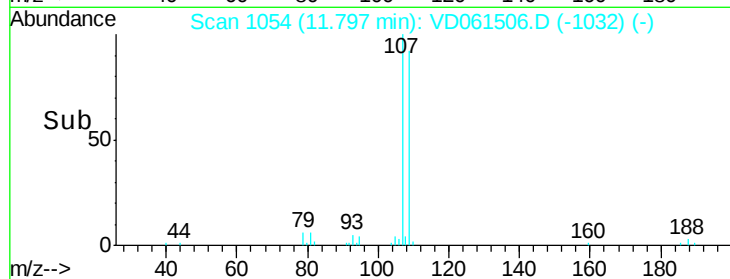
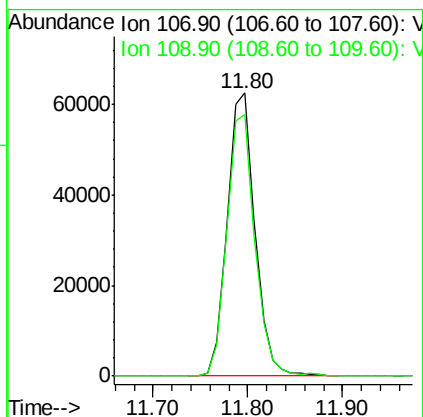
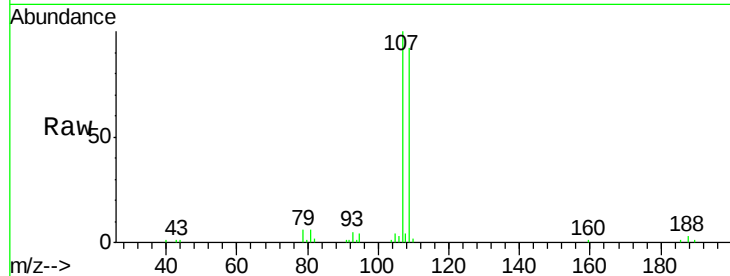




#61
 1,2-Dibromoethane
 Concen: 18.347 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

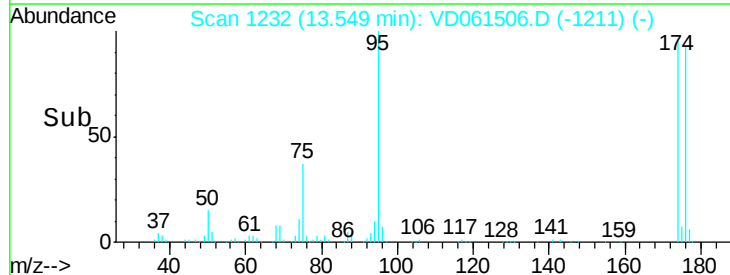
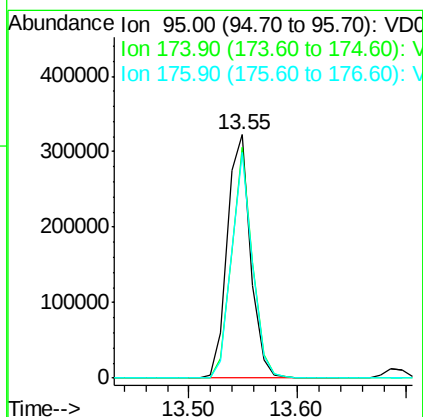
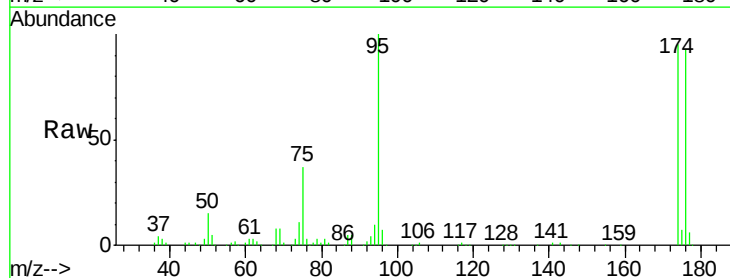
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

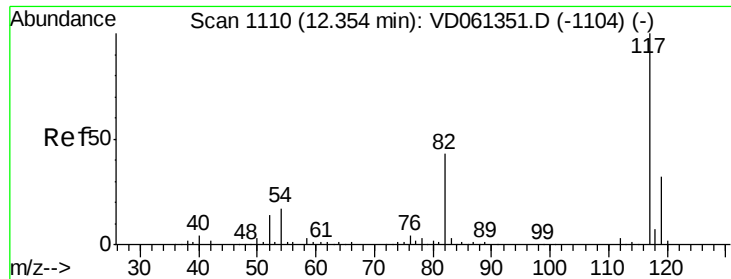
Tot Ion: 107 Resp: 126825
 Ion Ratio Lower Upper
 107 100
 109 92.4 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 18.347 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 95 Resp: 481419
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 178.0
 176 92.7 0.0 175.0

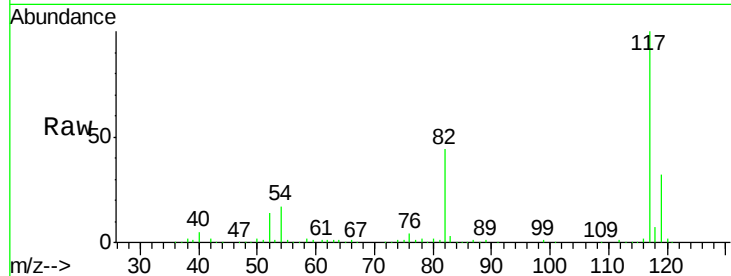




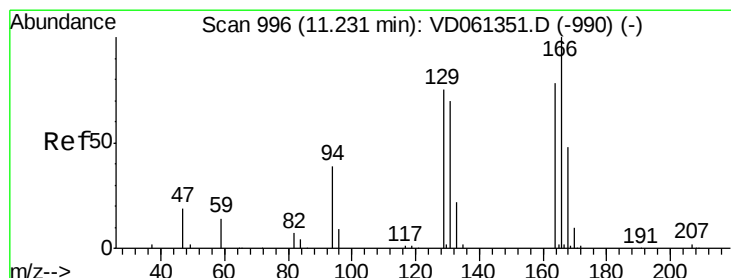
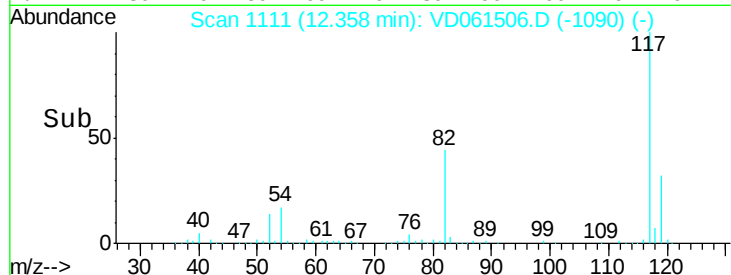
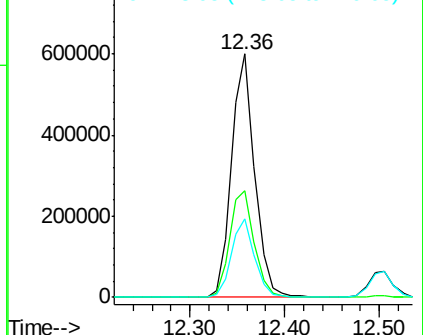
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion:117 Resp: 1014459
Ion Ratio Lower Upper
117 100
82 44.0 34.4 51.6
119 32.3 25.8 38.6

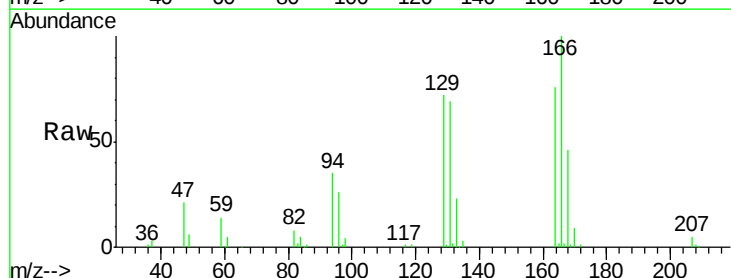


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

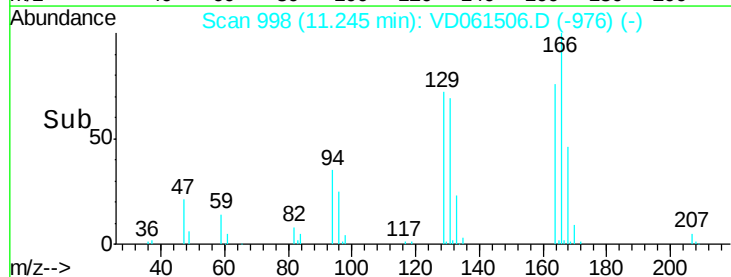
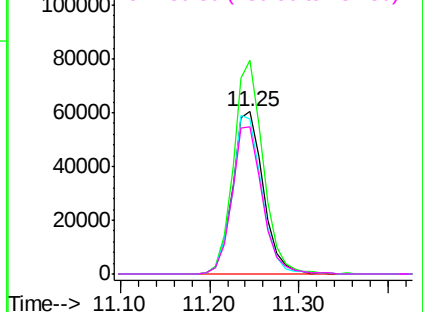


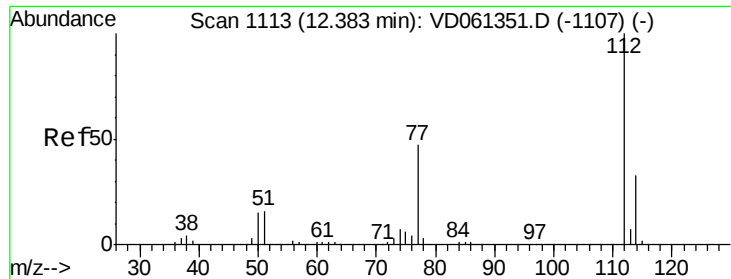
#64
Tetrachloroethene
Concen: 18.098 ug/l
RT: 11.25 min Scan# 998
Delta R.T. 0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion:164 Resp: 144087
Ion Ratio Lower Upper
164 100
166 131.5 102.4 153.6
129 95.3 76.8 115.2
131 90.4 71.8 107.6



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

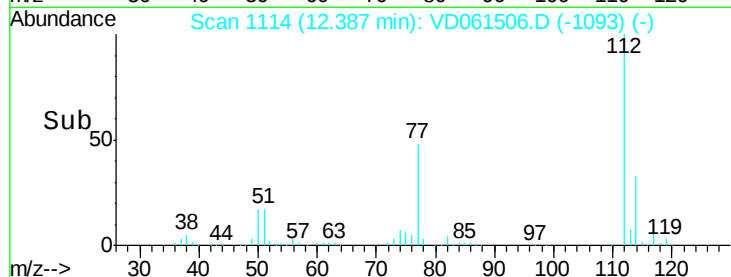
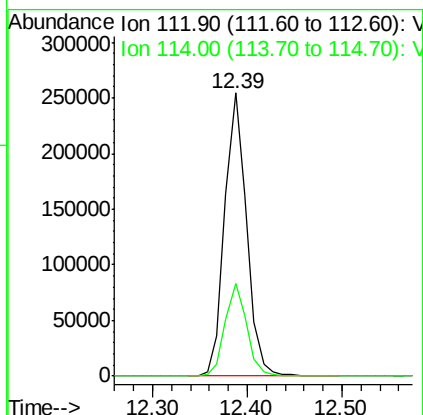
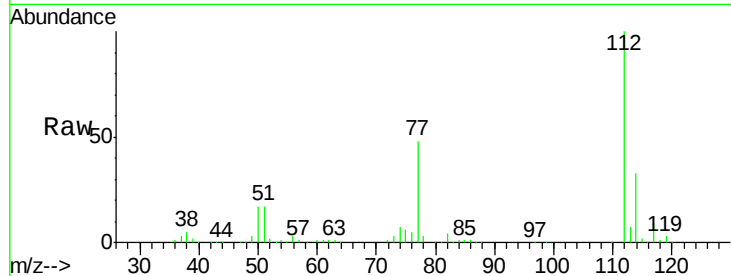




#65
Chlorobenzene
Concen: 19.661 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

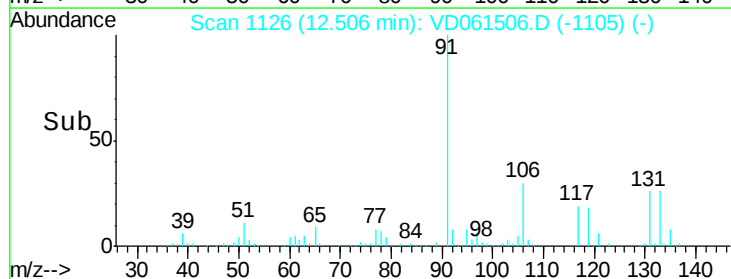
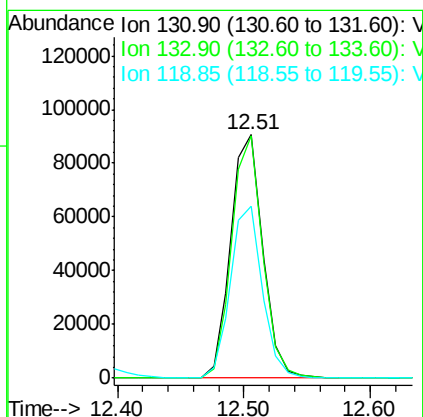
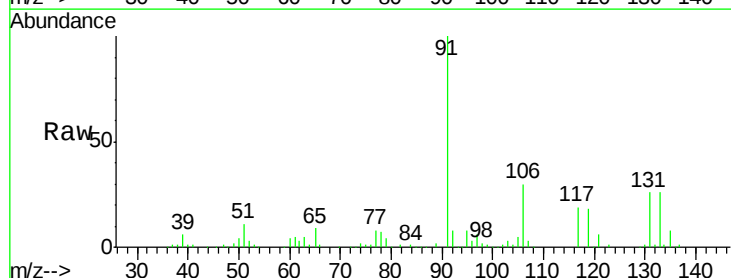
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

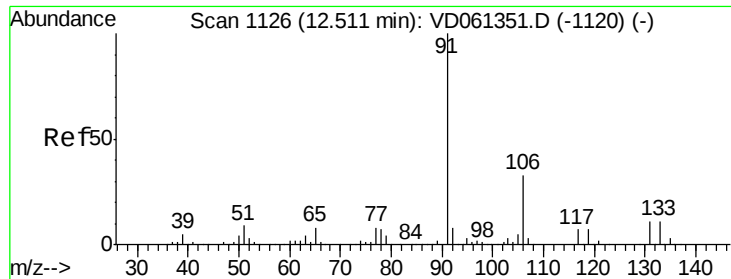
Tot Ion:112 Resp: 407616
Ion Ratio Lower Upper
112 100
114 32.8 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.793 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion:131 Resp: 158886
Ion Ratio Lower Upper
131 100
133 99.5 49.4 148.2
119 70.5 34.1 102.2

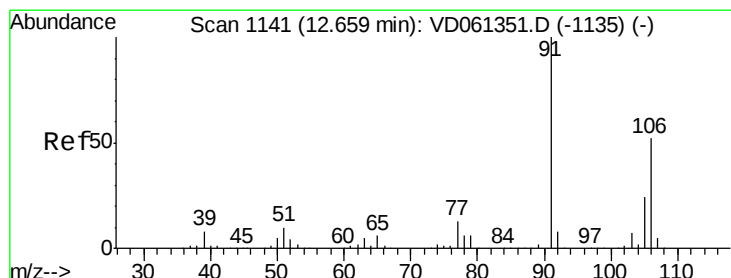
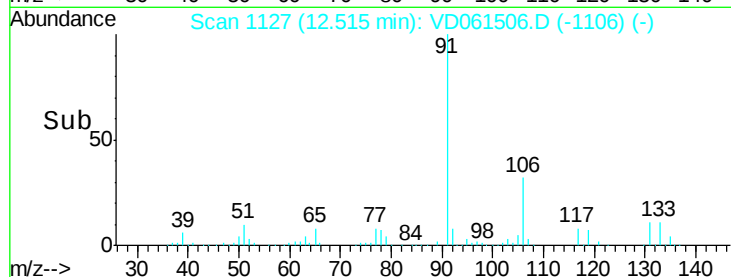
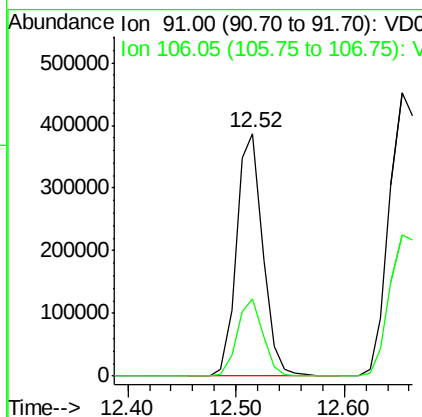
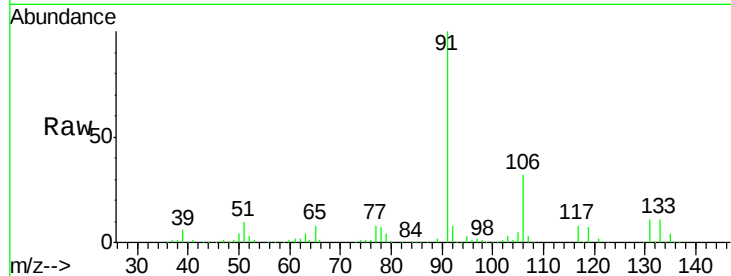




#67
Ethyl Benzene
Concen: 20.599 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

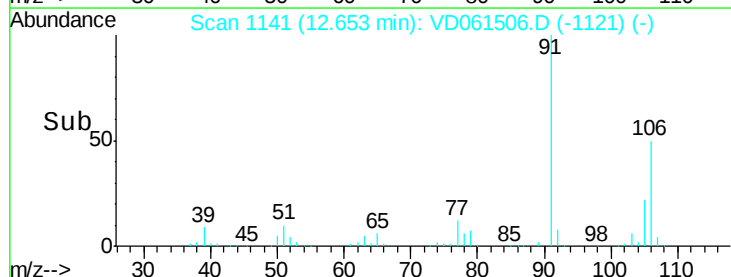
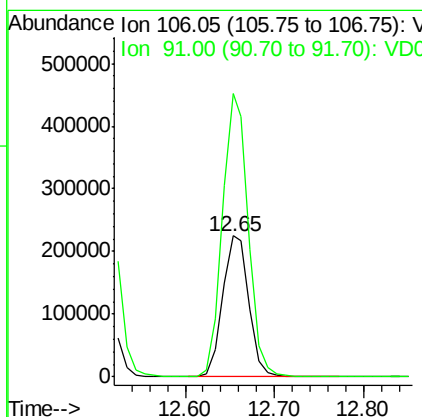
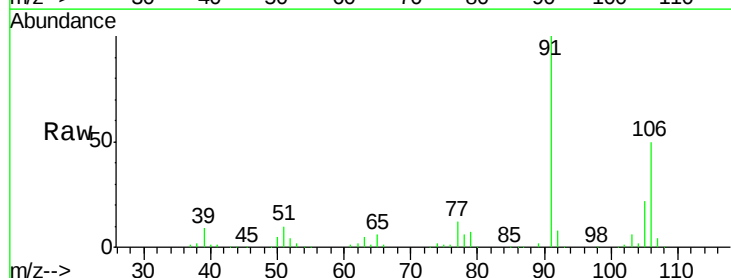
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 91 Resp: 651852
Ion Ratio Lower Upper
91 100
106 31.8 26.1 39.1



#68
m/p-Xylenes
Concen: 38.751 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 106 Resp: 464518
Ion Ratio Lower Upper
106 100
91 201.0 153.1 229.7

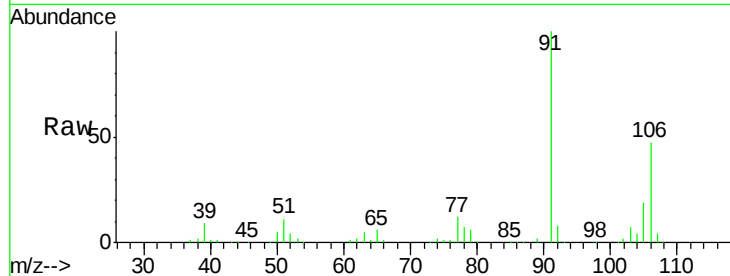




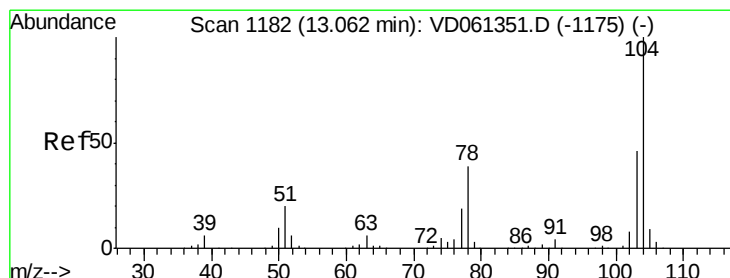
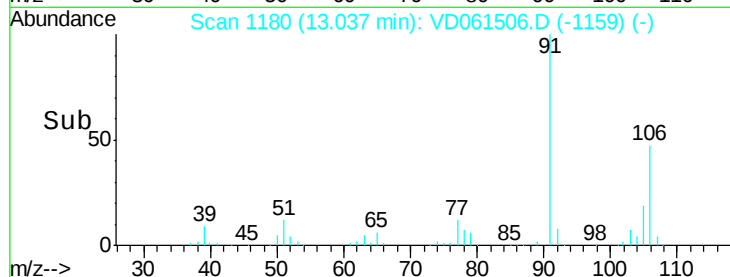
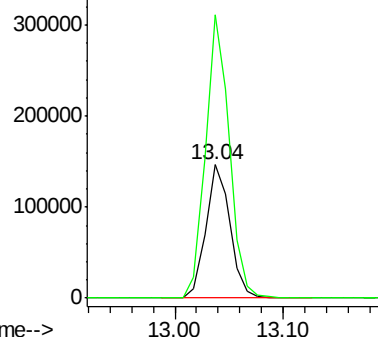
#69
o-Xylene
Concen: 19.606 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion:106 Resp: 228068
Ion Ratio Lower Upper
106 100
91 212.0 103.8 311.3

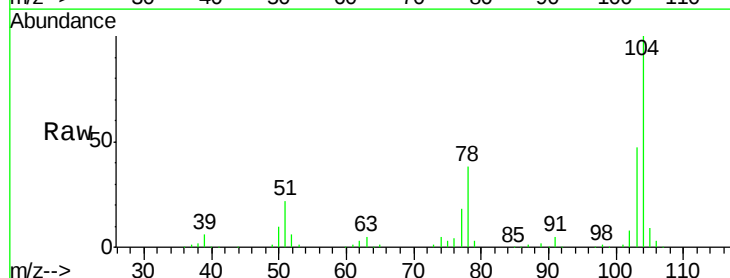


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

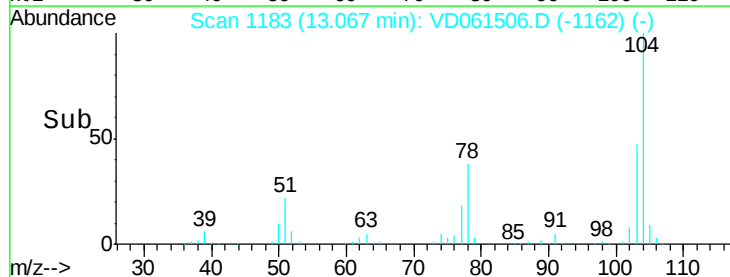
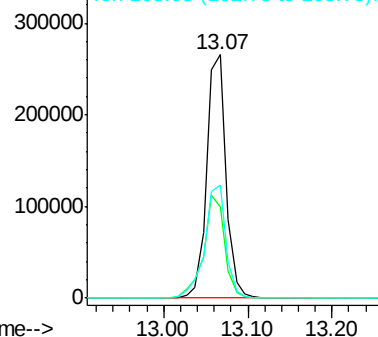


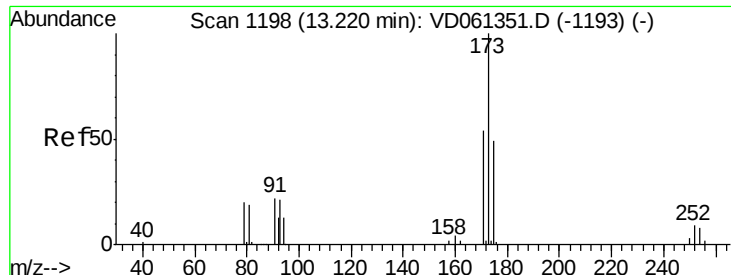
#70
Styrene
Concen: 20.730 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion:104 Resp: 420360
Ion Ratio Lower Upper
104 100
78 37.5 31.0 46.6
103 46.6 37.0 55.4



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

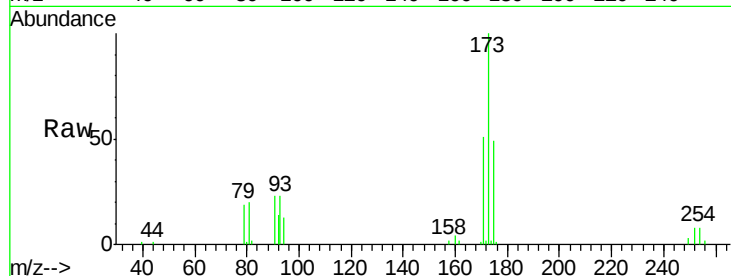




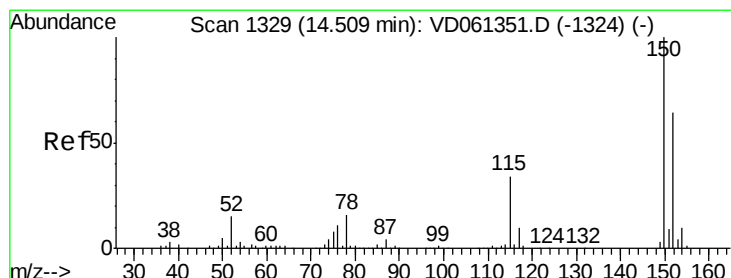
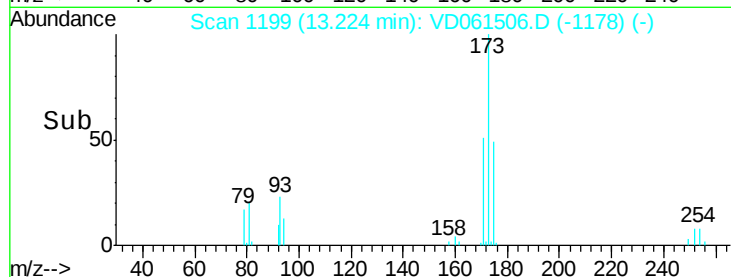
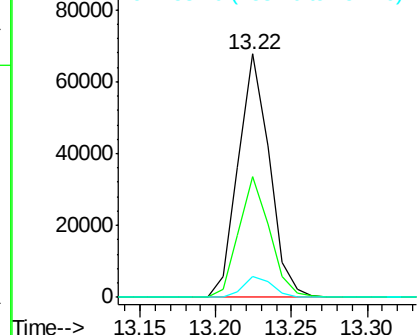
#71
Bromoform
Concen: 19.089 ug/l
RT: 13.22 min Scan# 1199
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion:173 Resp: 97134
Ion Ratio Lower Upper
173 100
175 49.5 24.6 73.8
254 8.4 6.6 10.0

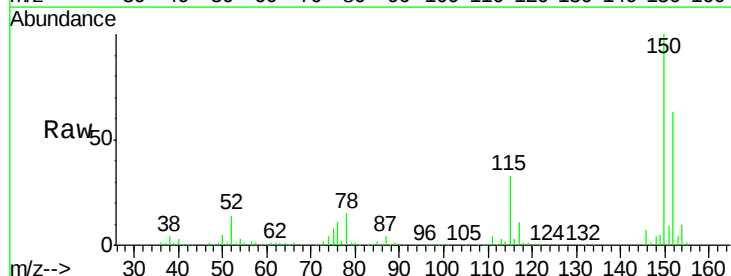


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

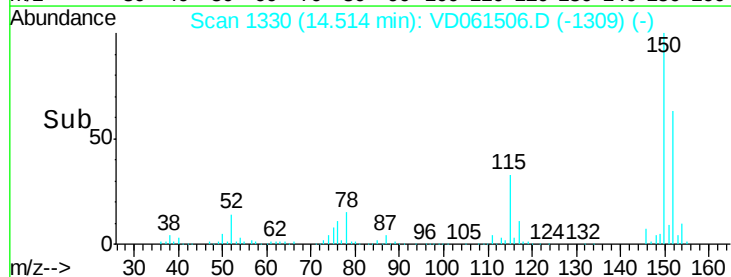
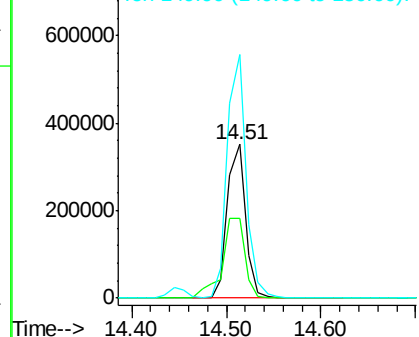


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion:152 Resp: 468207
Ion Ratio Lower Upper
152 100
115 51.8 26.9 80.6
150 158.7 0.0 318.0



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: 20.077 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

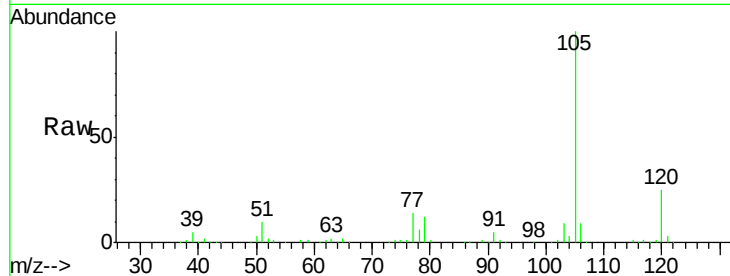
VD0401SBSD03

Tot Ion:105 Resp: 654242

Ion Ratio Lower Upper

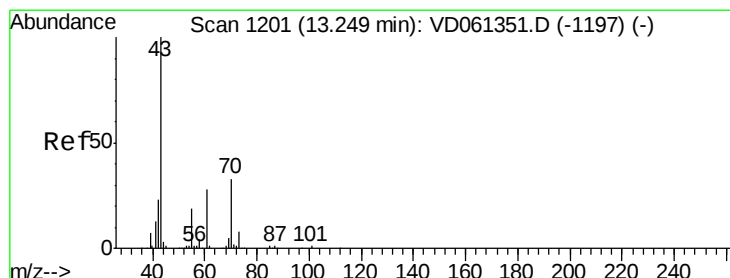
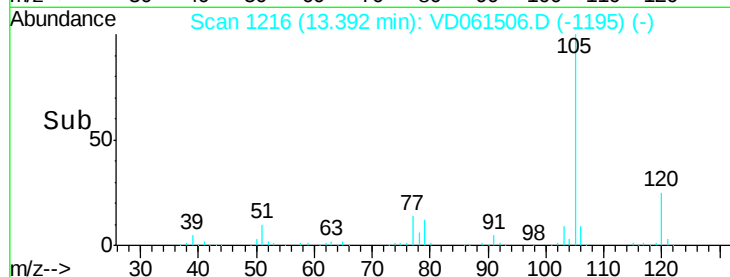
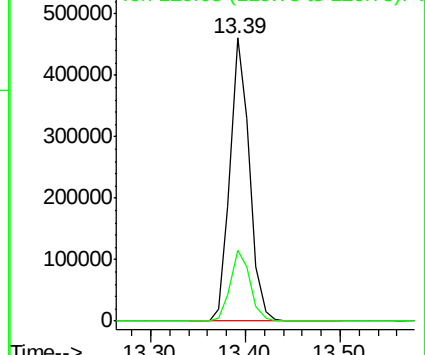
105 100

120 24.9 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.436 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Tgt Ion: 43 Resp: 176435

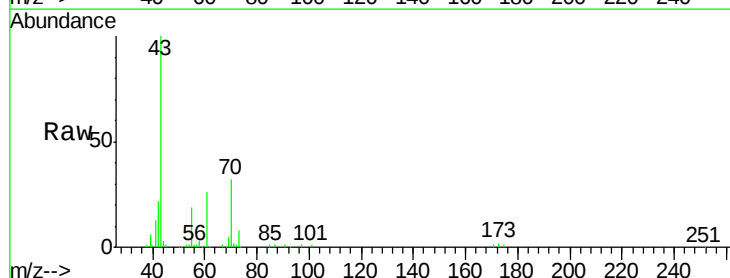
Ion Ratio Lower Upper

43 100

70 31.6 26.6 40.0

55 18.7 15.4 23.2

61 26.1 22.2 33.4

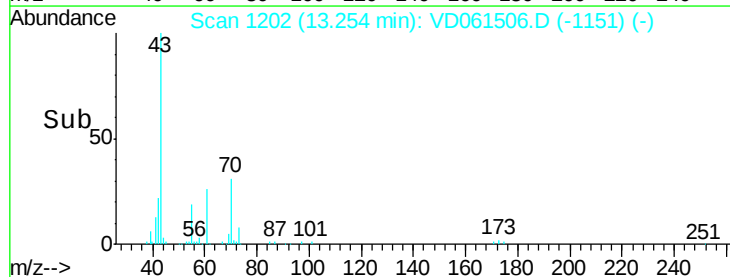
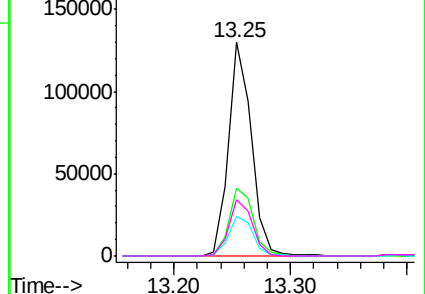


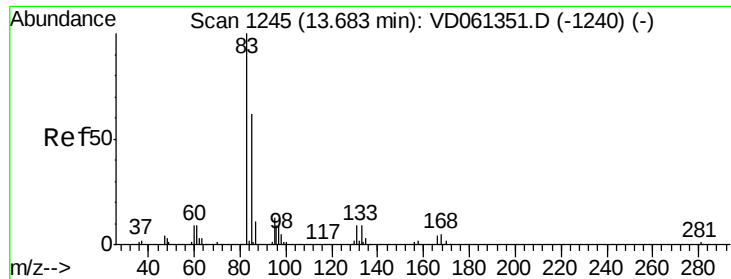
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.382 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBS03

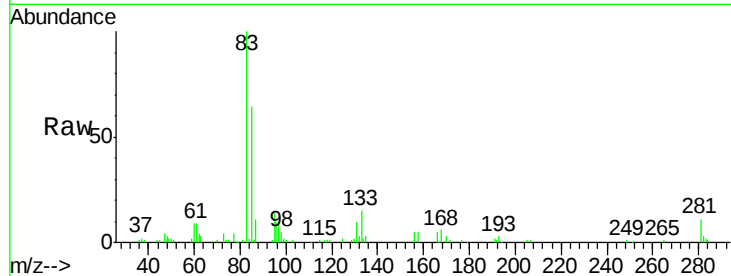
Tot Ion: 83 Resp: 133235

Ion Ratio Lower Upper

83 100

131 9.7 4.3 13.1

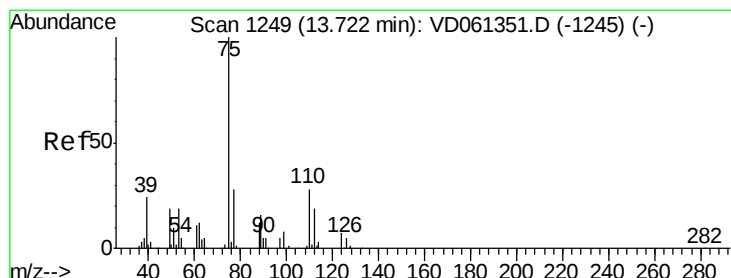
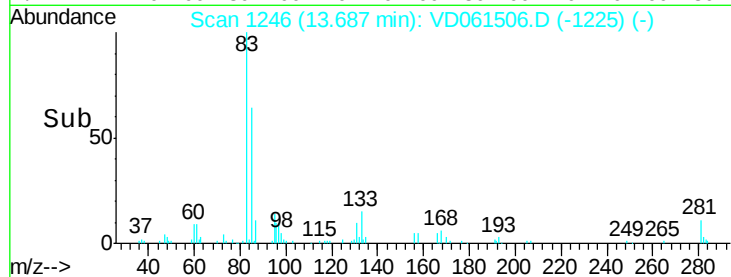
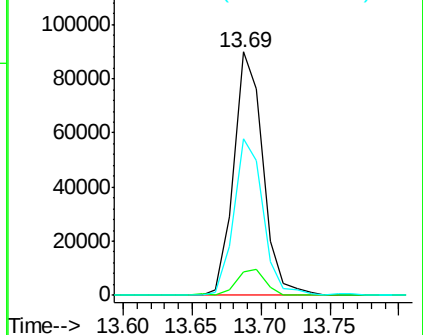
85 64.3 31.2 93.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 19.088 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD061506.D

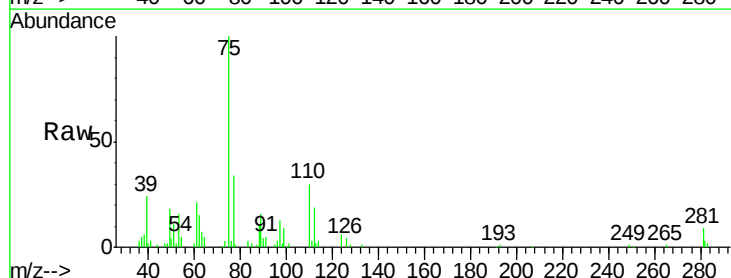
Acq: 2 Apr 2019 10:53

Tgt Ion: 75 Resp: 129100

Ion Ratio Lower Upper

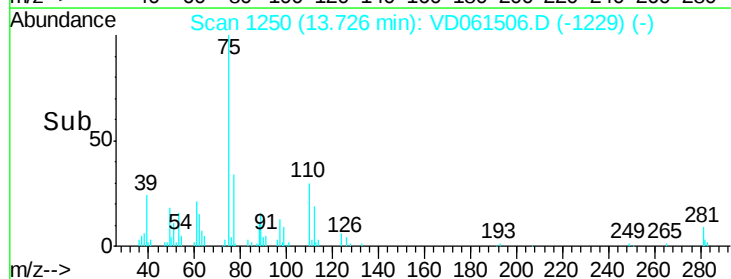
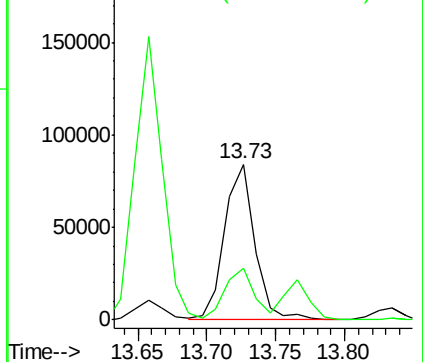
75 100

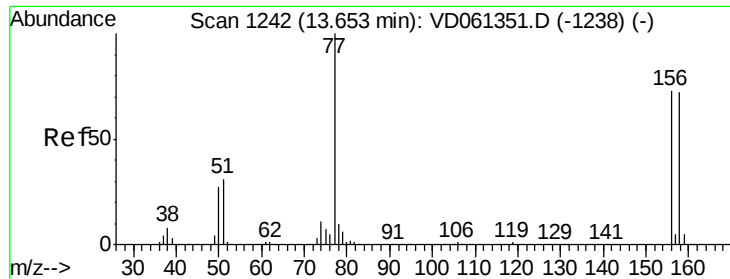
77 33.6 16.2 48.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 17.607 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBSD03

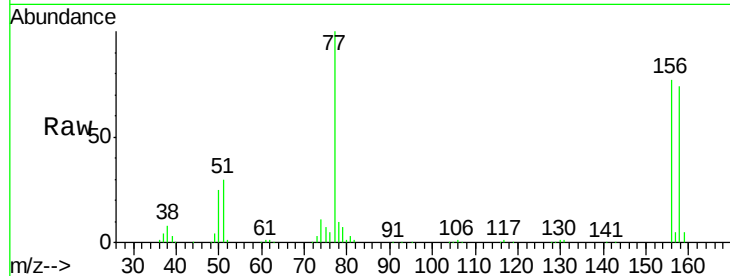
Tot Ion:156 Resp: 170097

Ion Ratio Lower Upper

156 100

77 130.4 68.5 205.6

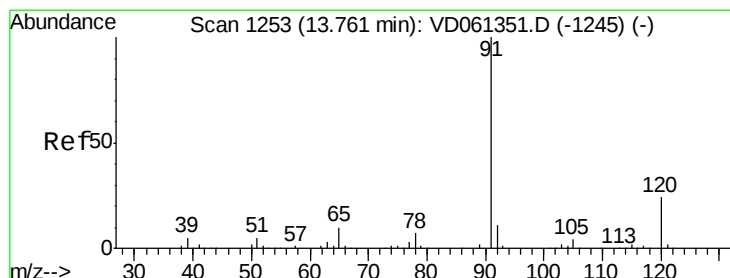
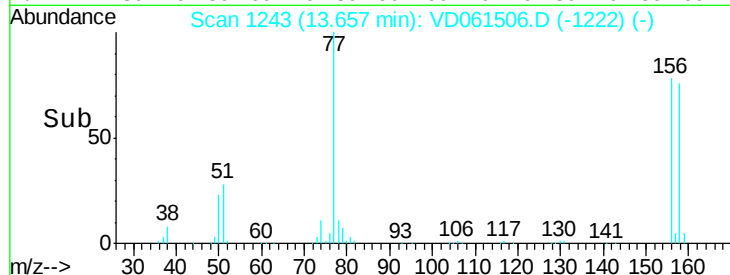
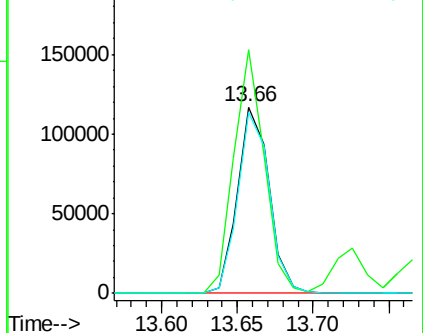
158 96.7 49.1 147.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 19.275 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD061506.D

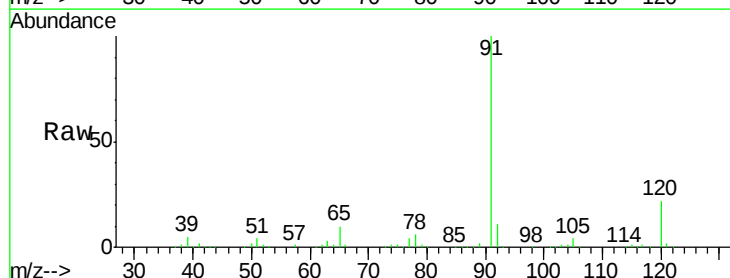
Acq: 2 Apr 2019 10:53

Tgt Ion: 91 Resp: 768666

Ion Ratio Lower Upper

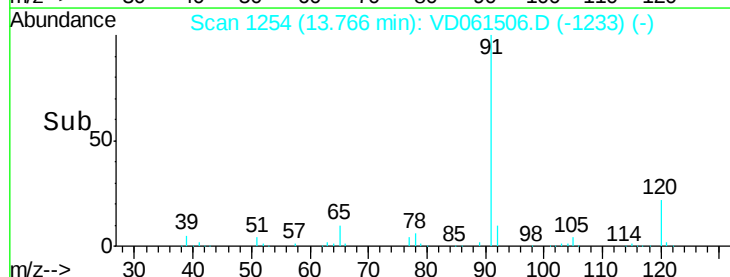
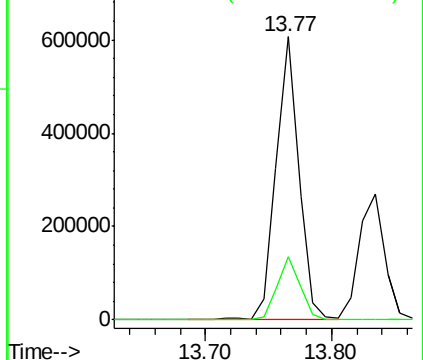
91 100

120 22.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 17.573 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

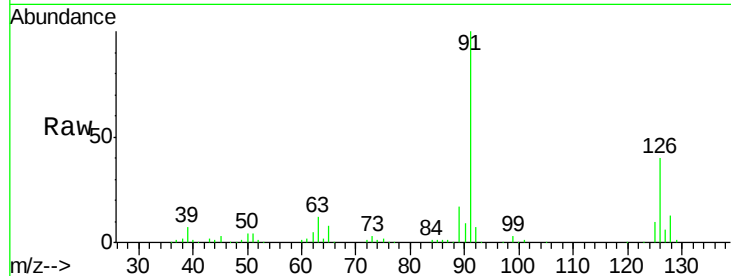
VD0401SBSD03

Tot Ion: 91 Resp: 380506

Ion Ratio Lower Upper

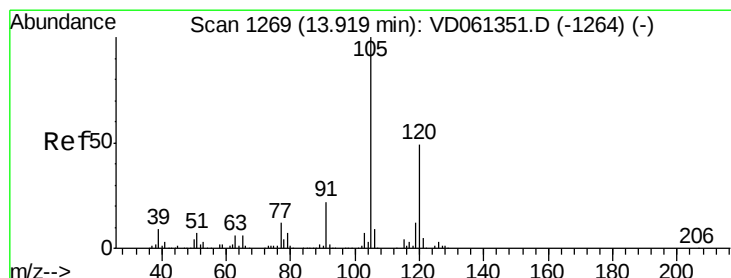
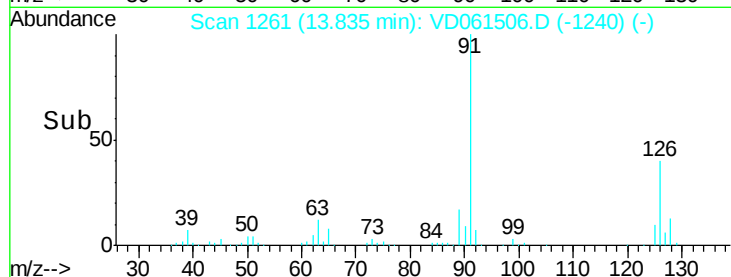
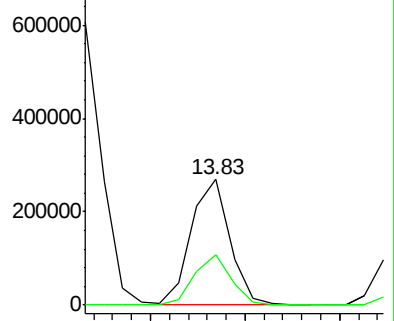
91 100

126 40.4 19.4 58.2



Abundance Ion 91.00 (90.70 to 91.70): VD061351.D (-1257) (-)

Ion 125.95 (125.65 to 126.65): VD061351.D (-1257) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.714 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD061506.D

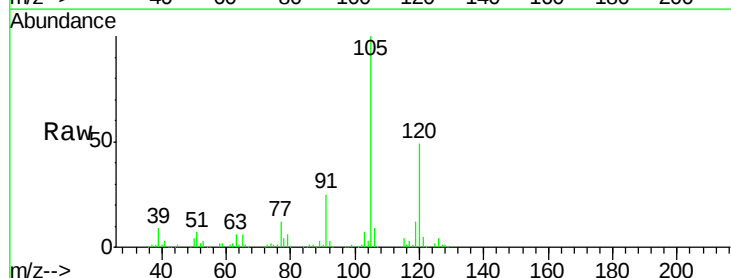
Acq: 2 Apr 2019 10:53

Tgt Ion:105 Resp: 498431

Ion Ratio Lower Upper

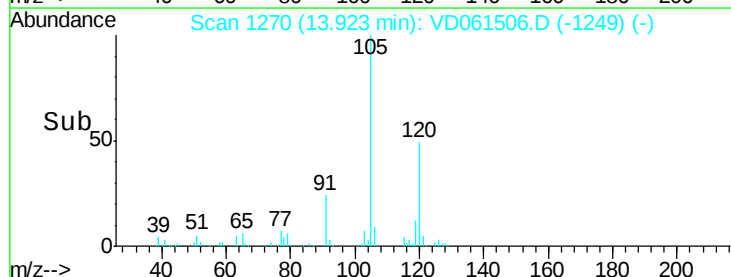
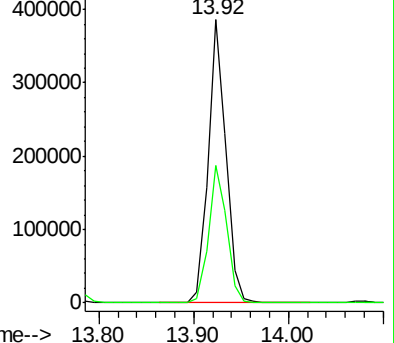
105 100

120 48.8 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): VD061351.D (-1264) (-)

Ion 120.05 (119.75 to 120.75): VD061351.D (-1264) (-)

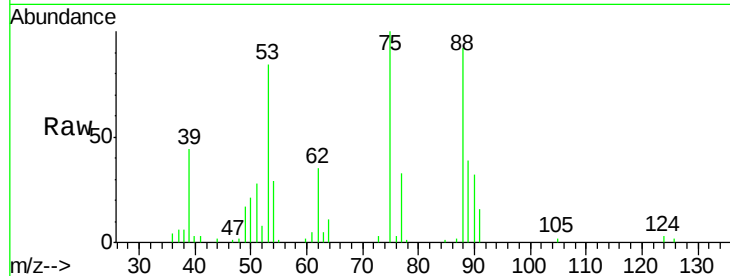




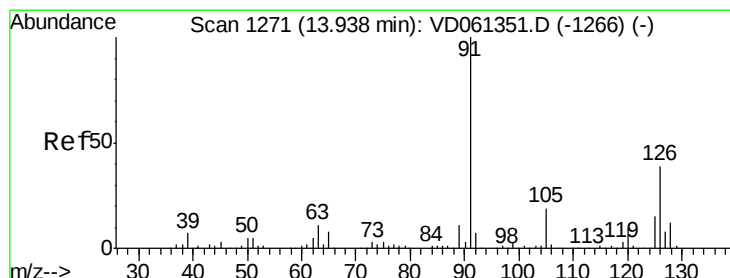
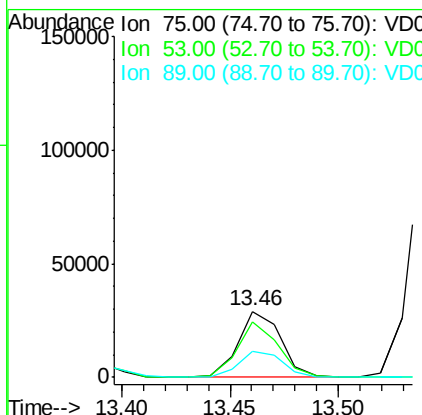
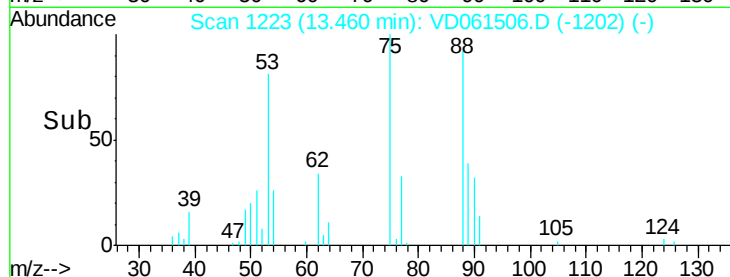
#81
trans-1,4-Dichloro-2-butene
Concen: 19.419 ug/l
RT: 13.46 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion: 75 Resp: 40046
Ion Ratio Lower Upper
75 100
53 84.4 63.8 95.8
89 39.4 30.5 45.7

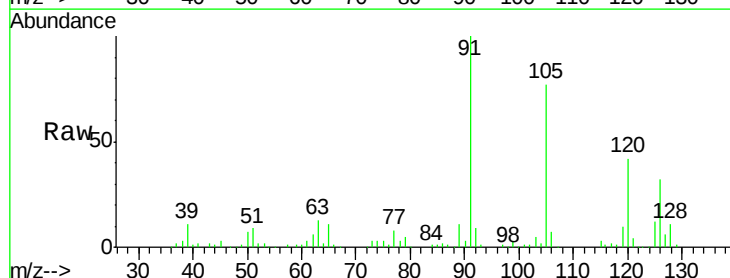


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

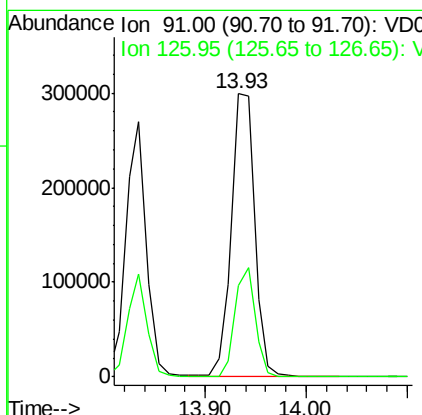
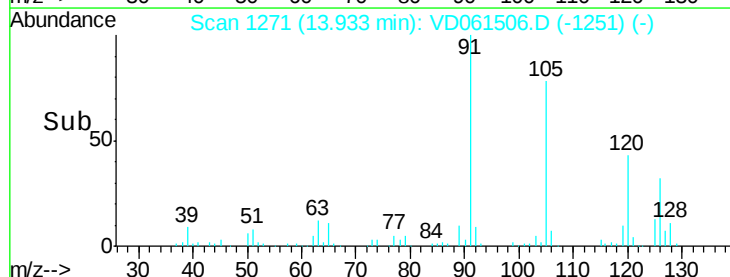


#82
4-Chlorotoluene
Concen: 20.396 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 91 Resp: 480211
Ion Ratio Lower Upper
91 100
126 32.1 19.6 58.8



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

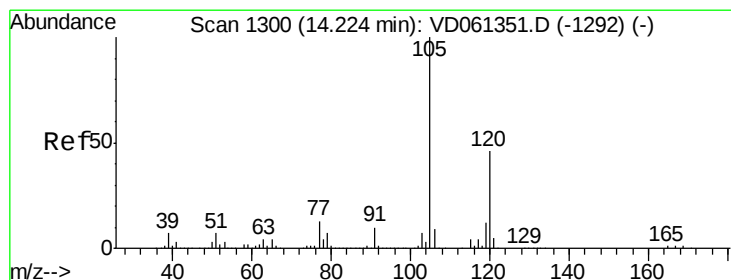
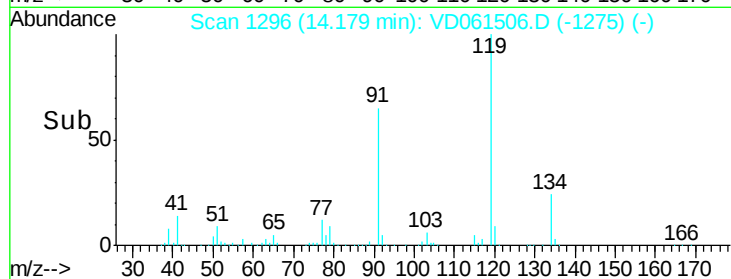
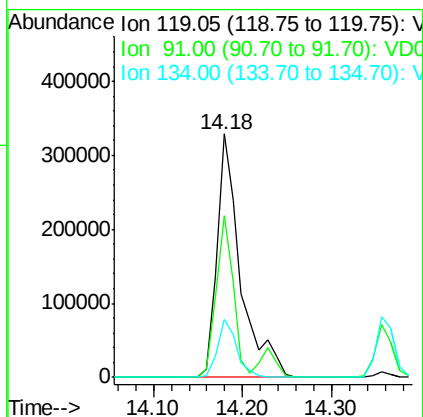
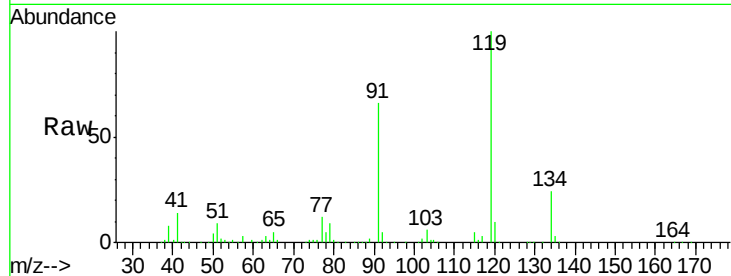




#83
tert-Butylbenzene
Concen: 19.212 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

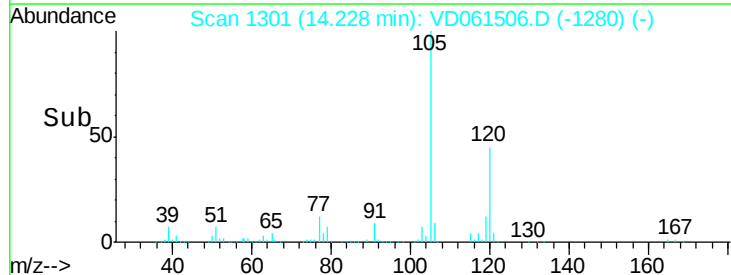
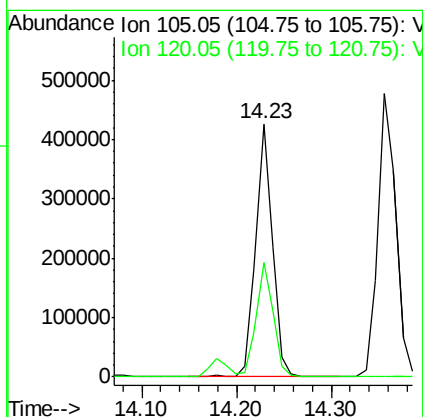
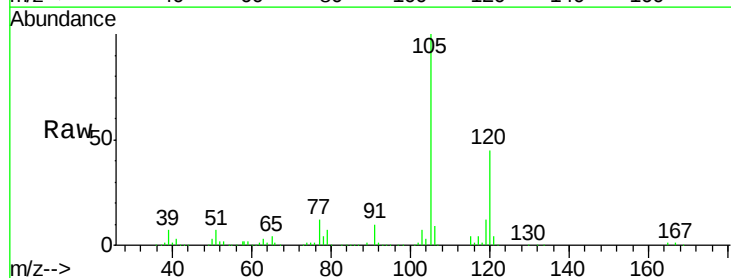
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion:119 Resp: 607059
Ion Ratio Lower Upper
119 100
91 66.3 34.1 102.3
134 23.6 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 19.179 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion:105 Resp: 524982
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.017 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

Instrument :

MSVOA_D

ClientSampleID :

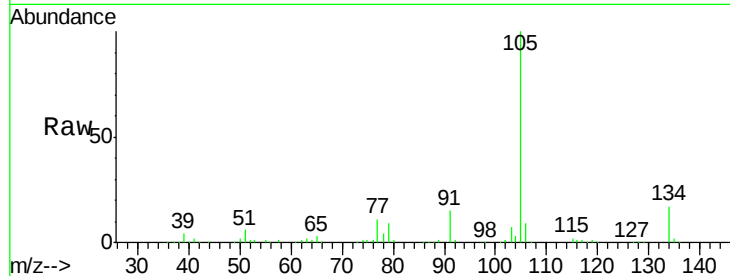
VD0401SBS03

Tot Ion:105 Resp: 638343

Ion Ratio Lower Upper

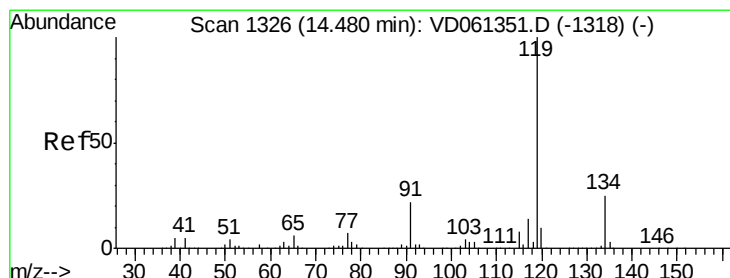
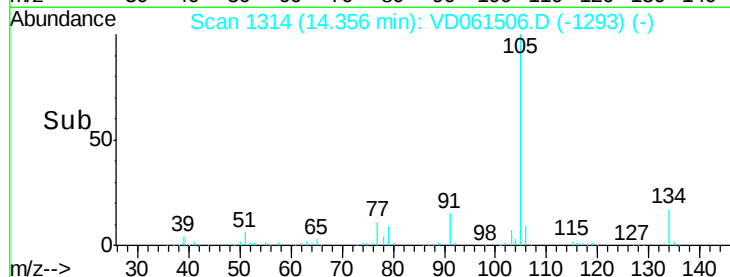
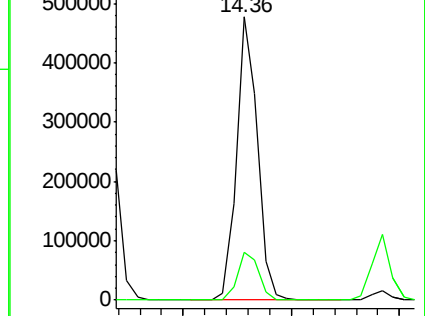
105 100

134 17.1 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 19.143 ug/l

RT: 14.48 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD061506.D

Acq: 2 Apr 2019 10:53

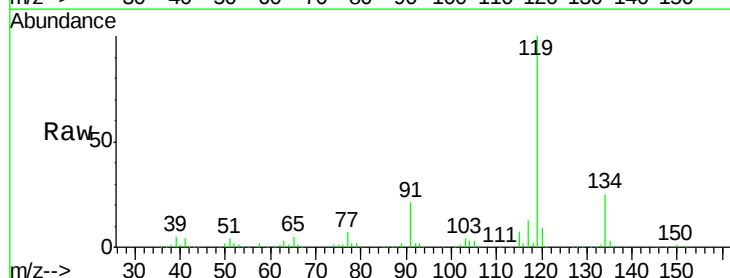
Tgt Ion:119 Resp: 543357

Ion Ratio Lower Upper

119 100

134 24.9 12.3 36.8

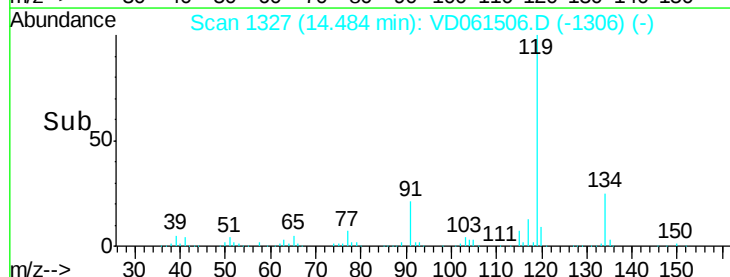
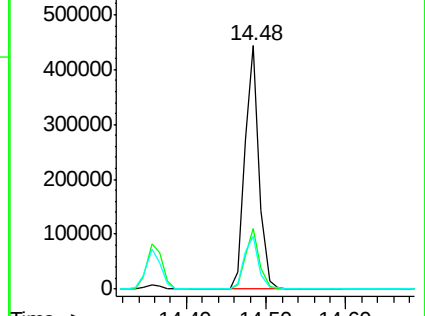
91 21.5 11.1 33.1



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

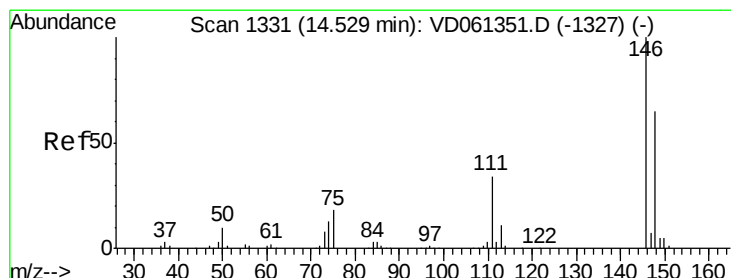
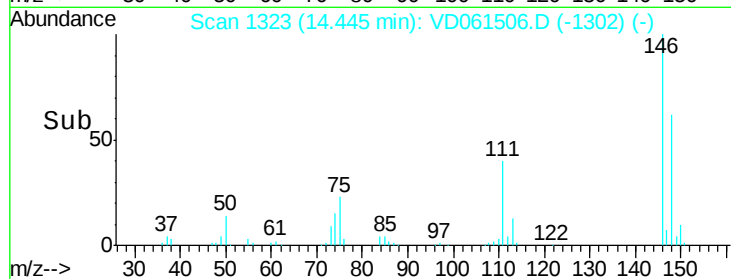
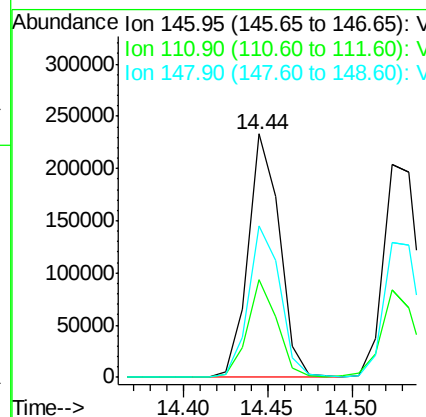
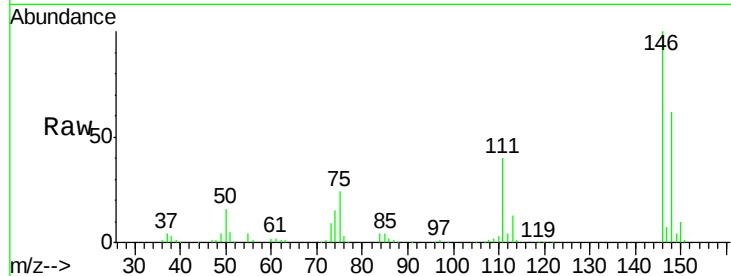




#87
 1,3-Dichlorobenzene
 Concen: 18.493 ug/l
 RT: 14.44 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

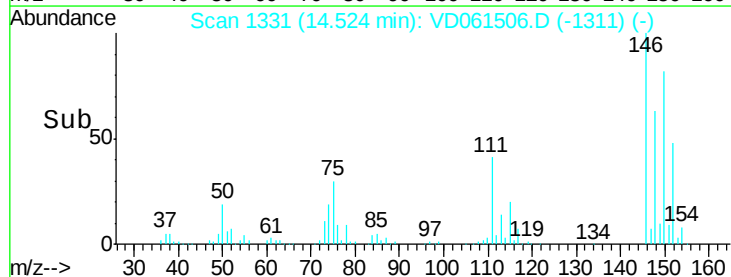
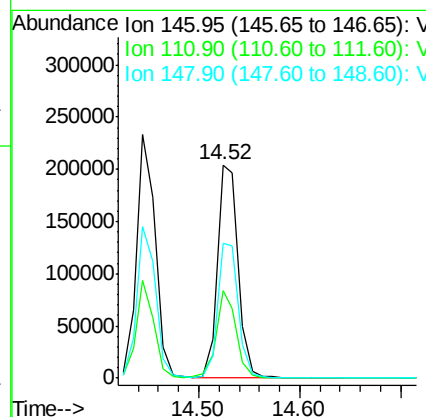
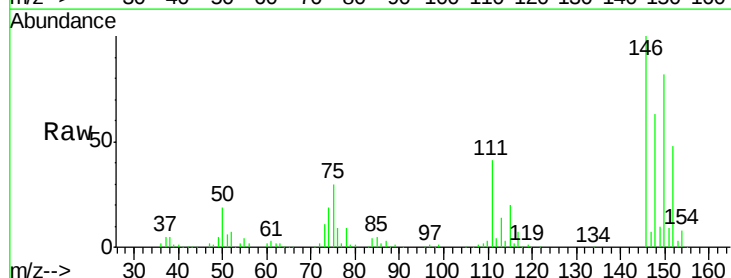
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

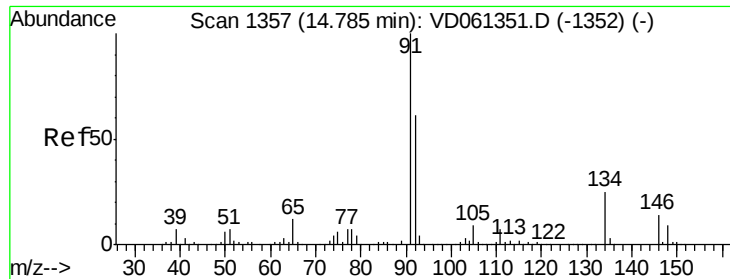
Tot Ion:146 Resp: 302535
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.9
 148 62.3 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 18.525 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion:146 Resp: 295543
 Ion Ratio Lower Upper
 146 100
 111 40.8 16.8 50.4
 148 63.2 32.6 98.0

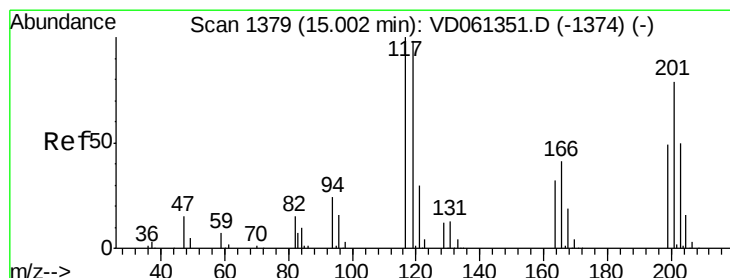
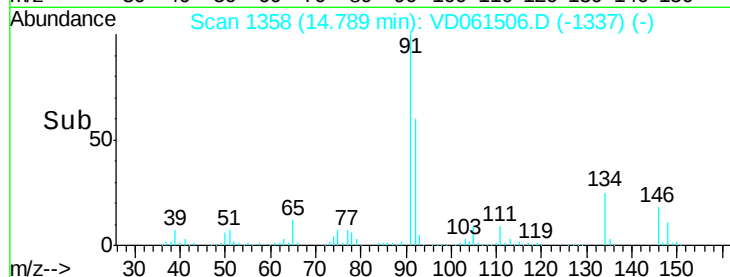
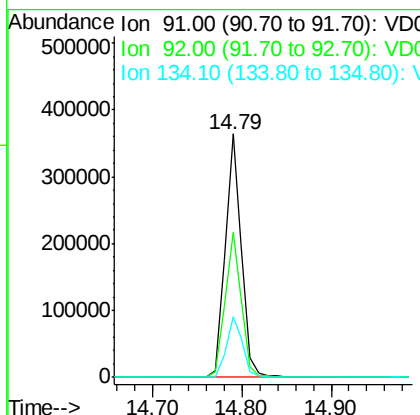
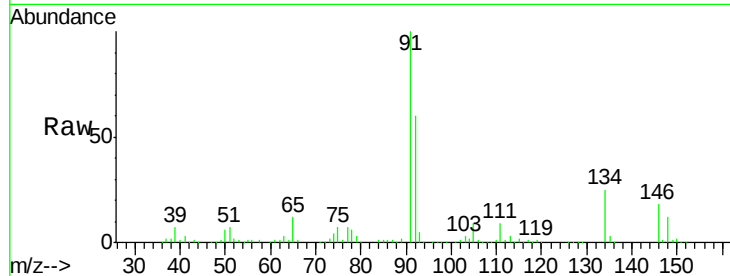




#89
n-Butylbenzene
Concen: 17.967 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

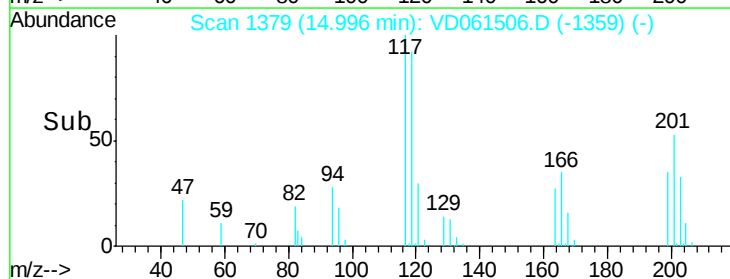
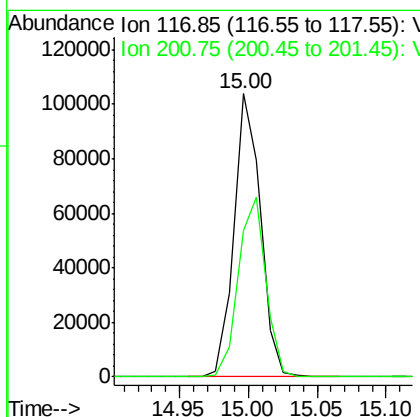
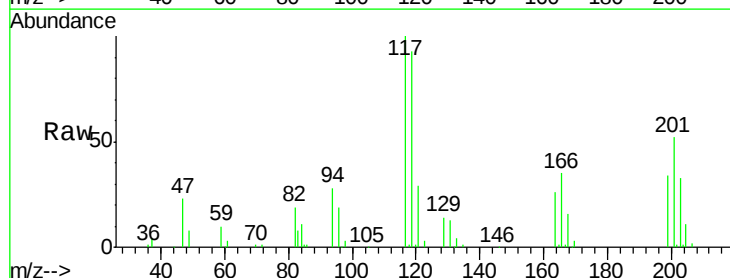
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBS03

Tot Ion: 91 Resp: 468078
Ion Ratio Lower Upper
91 100
92 59.8 30.3 91.0
134 24.7 12.4 37.0



#90
Hexachloroethane
Concen: 17.386 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion: 117 Resp: 139419
Ion Ratio Lower Upper
117 100
201 51.8 39.6 119.0

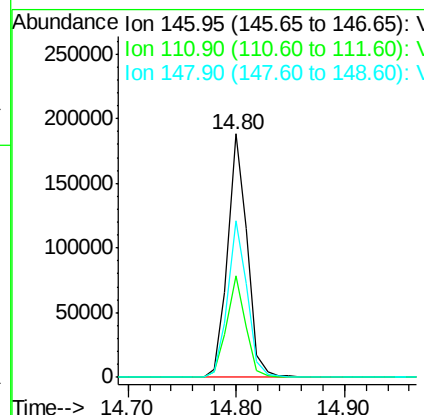
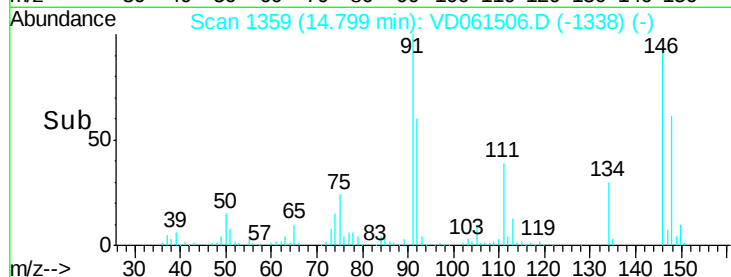
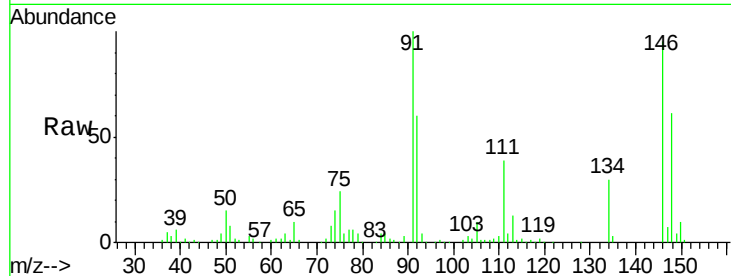




#91
 1,2-Dichlorobenzene
 Concen: 17.674 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

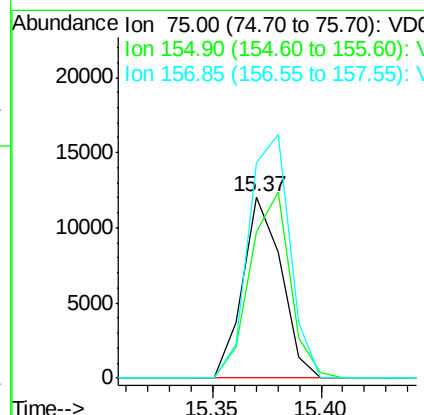
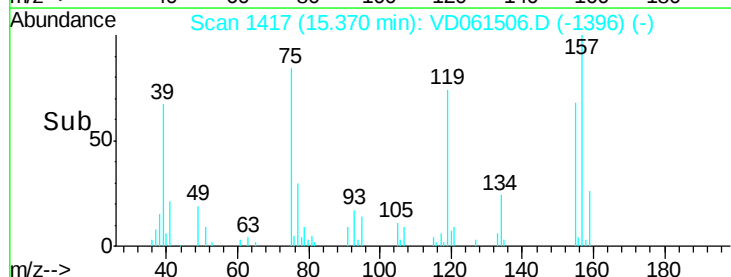
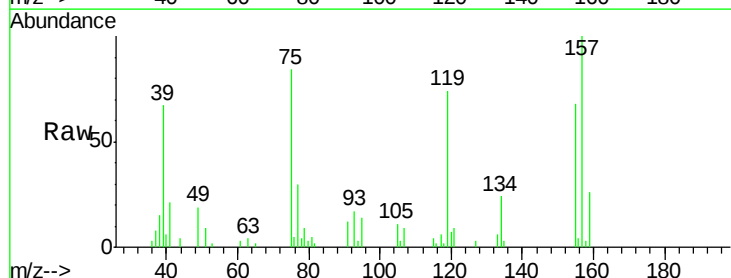
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

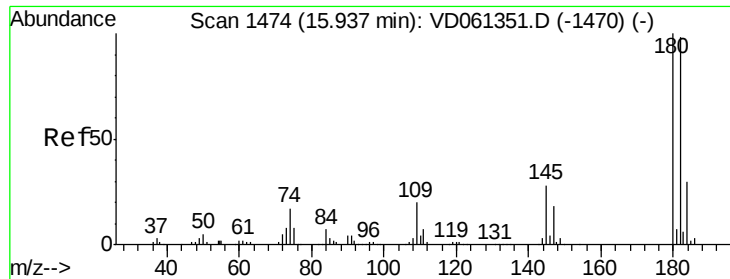
Tot Ion:146 Resp: 237161
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.2 63.6
 148 64.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.694 ug/l
 RT: 15.37 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion: 75 Resp: 15072
 Ion Ratio Lower Upper
 75 100
 155 80.5 43.6 130.9
 157 118.5 58.5 175.3

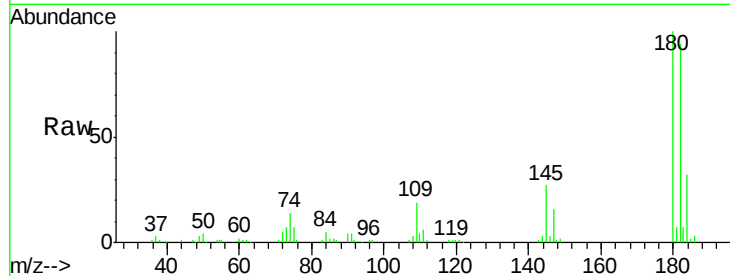




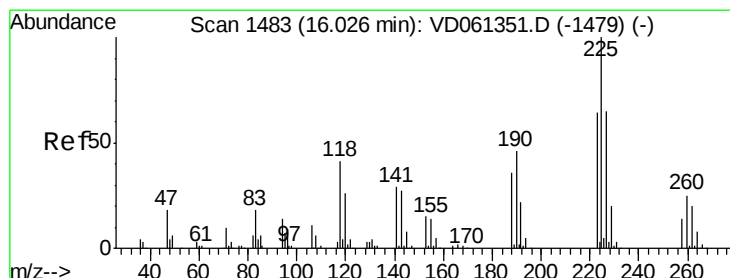
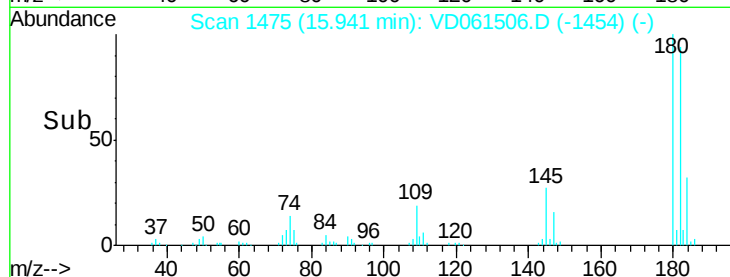
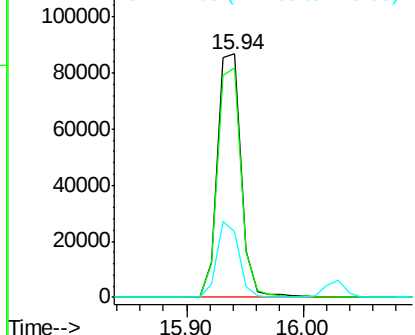
#93
 1,2,4-Trichlorobenzene
 Concen: 19.985 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBS03

Tot Ion:180 Resp: 122160
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.9 146.8
 145 27.2 14.1 42.3

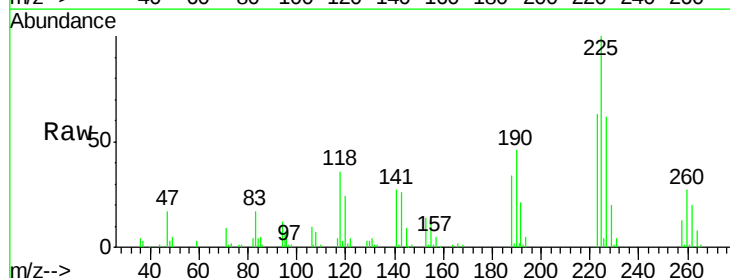


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

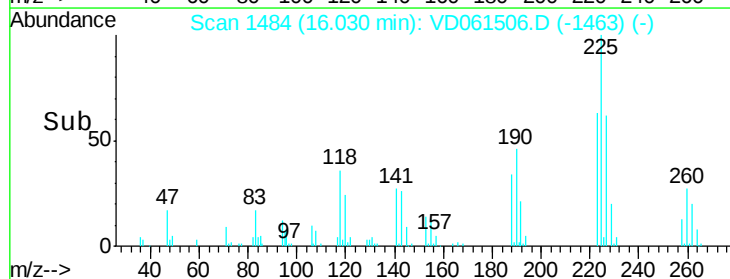
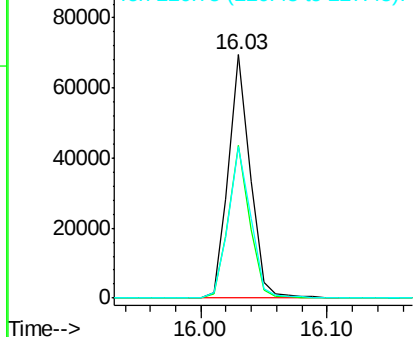


#94
 Hexachlorobutadiene
 Concen: 17.283 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD061506.D
 Acq: 2 Apr 2019 10:53

Tgt Ion:225 Resp: 82553
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.0 96.0
 227 62.0 32.4 97.2



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

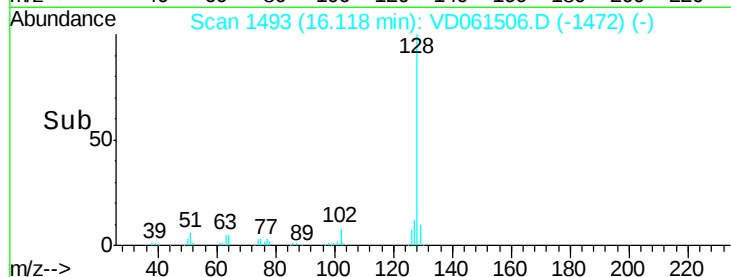
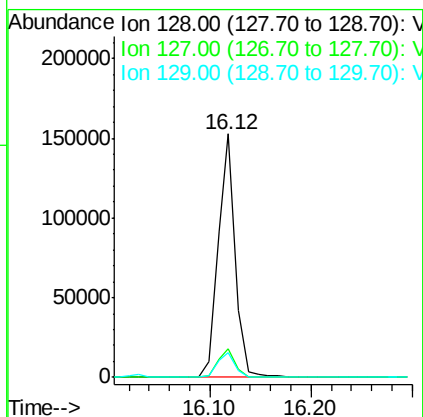
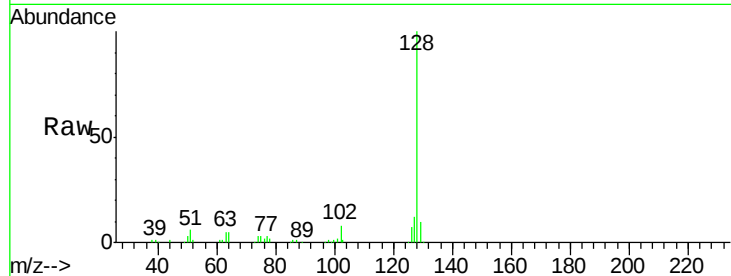




#95
Naphthalene
Concen: 19.291 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD03

Tot Ion:128 Resp: 179743
Ion Ratio Lower Upper
128 100
127 11.7 9.9 14.9
129 10.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.904 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VD061506.D
Acq: 2 Apr 2019 10:53

Tgt Ion:180 Resp: 58917
Ion Ratio Lower Upper
180 100
182 97.7 46.4 139.1
145 29.4 15.3 45.9

