

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
 Data File : VD062100.D
 Acq On : 1 May 2019 13:59
 Operator : FY/SY
 Sample : VD0501SBS01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

Quant Time: May 02 00:56:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	571840	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	917533	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	685616	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	357966	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.42	65	229726	51.33	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	6.90	113	342648	54.00	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	108.00%	
50) Toluene-d8	10.38	98	792718	52.50	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	13.54	95	304858	50.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	79474	15.564	ug/l	97
3) Chloromethane	1.74	50	73907	17.030	ug/l	98
4) Vinyl Chloride	1.84	62	67413	17.138	ug/l	95
5) Bromomethane	2.13	94	19116	15.928	ug/l	93
6) Chloroethane	2.24	64	24057	16.919	ug/l #	81
7) Trichlorofluoromethane	2.51	101	118830	19.980	ug/l	99
8) Diethyl Ether	2.85	74	28413	17.825	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.13	101	108286	19.765	ug/l	95
10) Methyl Iodide	3.29	142	126842	18.975	ug/l	95
11) Tert butyl alcohol	4.03	59	28443	112.481	ug/l #	91
12) 1,1-Dichloroethene	3.11	96	89069	19.109	ug/l	94
13) Acrolein	3.01	56	20663	78.755	ug/l	84
14) Allyl chloride	3.60	41	130942	20.573	ug/l	95
15) Acrylonitrile	4.16	53	83392	106.500	ug/l	98
16) Acetone	3.20	43	98462	92.139	ug/l	98
17) Carbon Disulfide	3.36	76	243675	18.091	ug/l	99
18) Methyl Acetate	3.61	43	43637	21.274	ug/l	98
19) Methyl tert-butyl Ether	4.21	73	186611	20.178	ug/l	97
20) Methylene Chloride	3.80	84	101169	17.365	ug/l	95
21) trans-1,2-Dichloroethene	4.19	96	107437	20.092	ug/l	97
22) Diisopropyl ether	5.08	45	294903	19.846	ug/l	95
23) Vinyl Acetate	5.02	43	758614	98.031	ug/l	99
24) 1,1-Dichloroethane	4.95	63	175528	19.543	ug/l	99
25) 2-Butanone	6.03	43	121058	93.436	ug/l	97
26) 2,2-Dichloropropane	5.99	77	156988	20.036	ug/l	98
27) cis-1,2-Dichloroethene	6.00	96	115230	18.943	ug/l	99
28) Bromochloromethane	6.41	49	76735	22.329	ug/l	96
29) Tetrahydrofuran	6.43	42	54764	85.785	ug/l	98
30) Chloroform	6.63	83	201534	19.756	ug/l	98
31) Cyclohexane	6.93	56	112378	16.857	ug/l	98
32) 1,1,1-Trichloroethane	6.84	97	173465	19.543	ug/l	99
36) 1,1-Dichloropropene	7.12	75	142784	19.974	ug/l	96
37) Ethyl Acetate	6.15	43	59504	19.534	ug/l #	92
38) Carbon Tetrachloride	7.09	117	176199	19.451	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
 Data File : VD062100.D
 Acq On : 1 May 2019 13:59
 Operator : FY/SY
 Sample : VD0501SBS01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

Quant Time: May 02 00:56:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	127005	18.007	ug/l	95
40) Benzene	7.42	78	330826	18.693	ug/l	97
41) Methacrylonitrile	6.41	41	64515	18.151	ug/l #	92
42) 1,2-Dichloroethane	7.55	62	120300	20.020	ug/l	99
43) Isopropyl Acetate	9.21	43	72952	16.390	ug/l	100
44) Trichloroethene	8.51	130	126412	18.425	ug/l	99
45) 1,2-Dichloropropane	8.91	63	85270	18.992	ug/l	93
46) Dibromomethane	9.04	93	62022	19.198	ug/l	93
47) Bromodichloromethane	9.35	83	147678	19.346	ug/l #	93
48) Methyl methacrylate	9.09	41	47964	18.887	ug/l	97
49) 1,4-Dioxane	9.06	88	9973	364.252	ug/l #	86
51) 4-Methyl-2-Pentanone	10.28	43	258089	94.814	ug/l	97
52) Toluene	10.48	92	216524	19.188	ug/l	98
53) t-1,3-Dichloropropene	10.89	75	126533	19.748	ug/l	100
54) cis-1,3-Dichloropropene	10.01	75	149629	19.201	ug/l	98
55) 1,1,2-Trichloroethane	11.16	97	69594	18.371	ug/l	97
56) Ethyl methacrylate	11.01	69	77831	18.550	ug/l	93
57) 1,3-Dichloropropane	11.39	76	104929	17.933	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.83	63	245900	126.057	ug/l	99
59) 2-Hexanone	11.51	43	196330	96.149	ug/l	96
60) Dibromochloromethane	11.66	129	120397	19.207	ug/l	96
61) 1,2-Dibromoethane	11.78	107	86503	19.249	ug/l	93
64) Tetrachloroethene	11.23	164	107724	22.025	ug/l	98
65) Chlorobenzene	12.38	112	274902	21.219	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.49	131	122821	22.349	ug/l	96
67) Ethyl Benzene	12.50	91	479700	22.685	ug/l	98
68) m/p-Xylenes	12.65	106	325015	42.526	ug/l	95
69) o-Xylene	13.03	106	151198	21.622	ug/l	97
70) Styrene	13.05	104	277918	23.017	ug/l	99
71) Bromoform	13.22	173	65005	20.748	ug/l	97
73) Isopropylbenzene	13.39	105	412940	17.293	ug/l	99
74) N-amyl acetate	13.25	43	107104	17.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.68	83	82229	17.573	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	86007	18.921	ug/l	100
77) Bromobenzene	13.65	156	128619	18.776	ug/l	91
78) n-propylbenzene	13.76	91	508575	18.605	ug/l	100
79) 2-Chlorotoluene	13.82	91	291725	17.619	ug/l	94
80) 1,3,5-Trimethylbenzene	13.92	105	367049	19.278	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	21487	15.599	ug/l	87
82) 4-Chlorotoluene	13.93	91	354423	19.437	ug/l	88
83) tert-Butylbenzene	14.17	119	423324	19.192	ug/l	97
84) 1,2,4-Trimethylbenzene	14.22	105	355712	19.566	ug/l	97
85) sec-Butylbenzene	14.35	105	458577	19.242	ug/l	98
86) p-Isopropyltoluene	14.48	119	420413	19.710	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	225633	18.809	ug/l	99
88) 1,4-Dichlorobenzene	14.52	146	230445	20.542	ug/l	98
89) n-Butylbenzene	14.78	91	331910	17.333	ug/l	95
90) Hexachloroethane	14.99	117	108516	18.815	ug/l	89
91) 1,2-Dichlorobenzene	14.79	146	178133	18.002	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	10294	16.742	ug/l	90

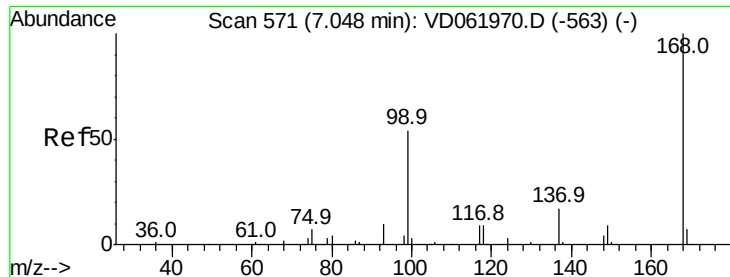
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
Data File : VD062100.D
Acq On : 1 May 2019 13:59
Operator : FY/SY
Sample : VD0501SBS01
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

Quant Time: May 02 00:56:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	95317	17.853	ug/l	94
94) Hexachlorobutadiene	16.02	225	78369	19.835	ug/l	100
95) Naphthalene	16.11	128	149104	17.297	ug/l	97
96) 1,2,3-Trichlorobenzene	16.26	180	57292	18.913	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

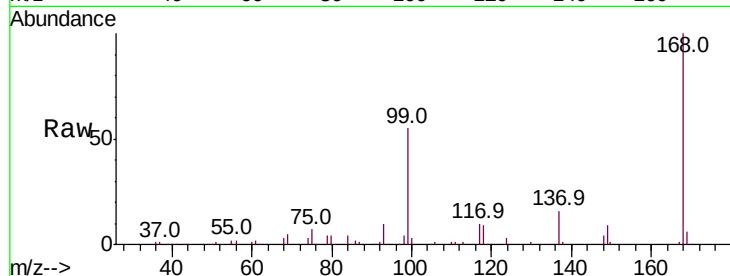
VD0501SBS01

Tot Ion:168 Resp: 571840

Ion Ratio Lower Upper

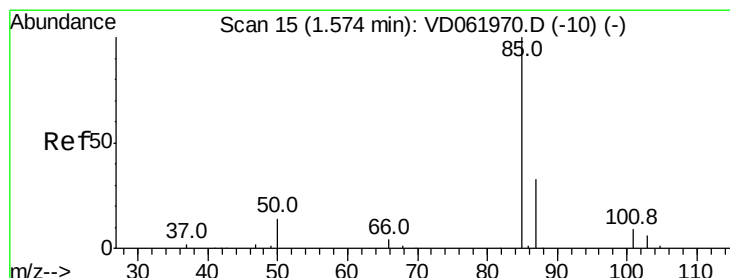
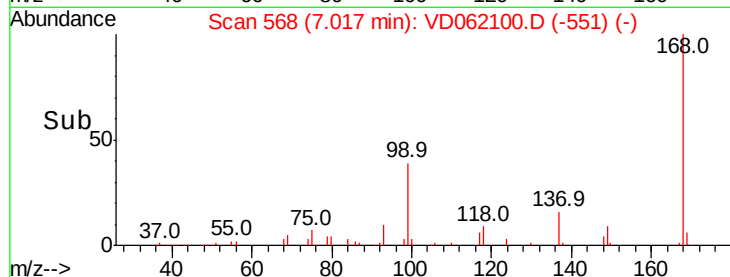
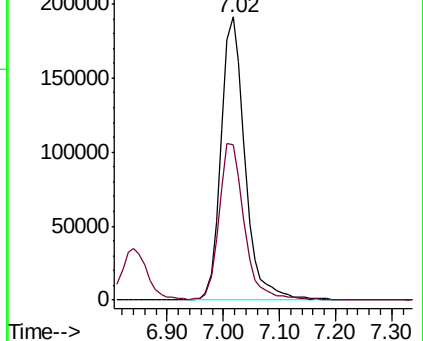
168 100

99 55.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 15.564 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.02 min

Lab File: VD062100.D

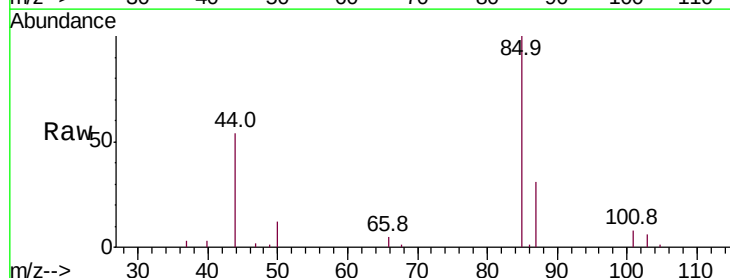
Acq: 1 May 2019 13:59

Tgt Ion: 85 Resp: 79474

Ion Ratio Lower Upper

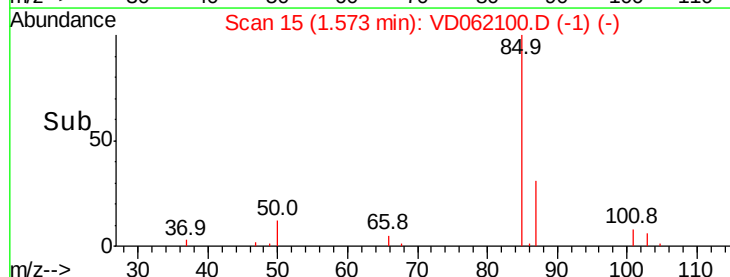
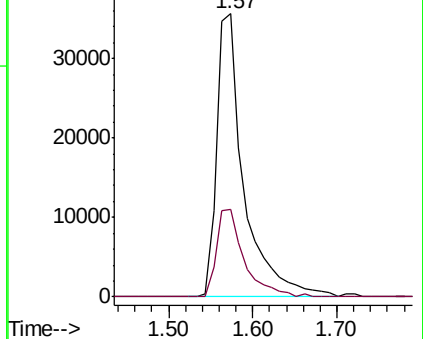
85 100

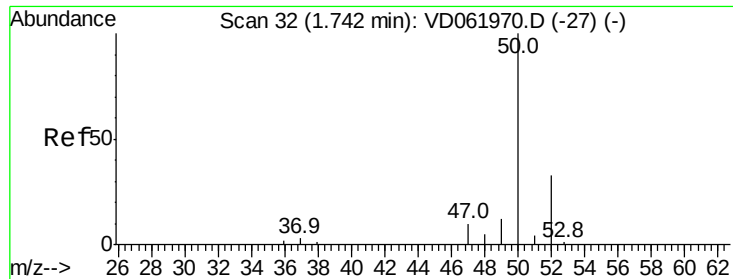
87 30.8 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.030 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.02 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

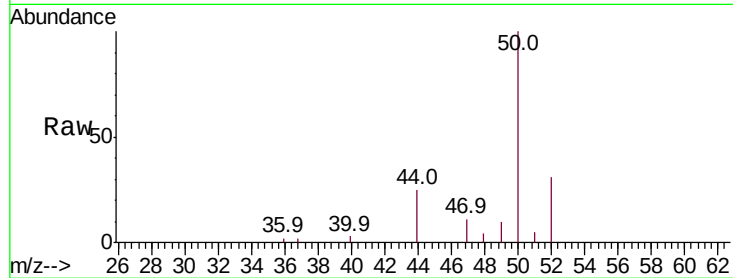
VD0501SBS01

Tot Ion: 50 Resp: 73907

Ion Ratio Lower Upper

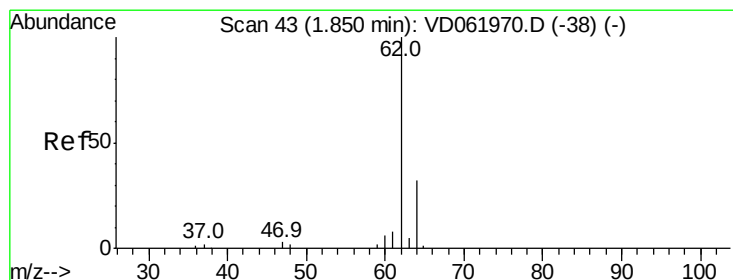
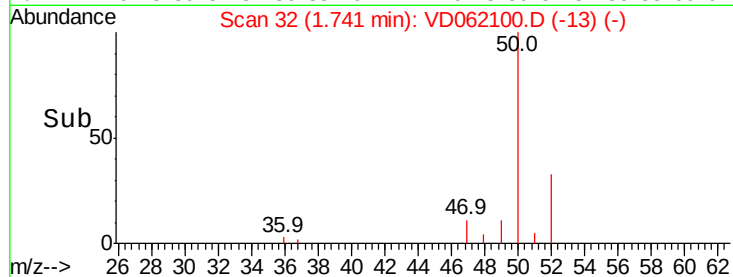
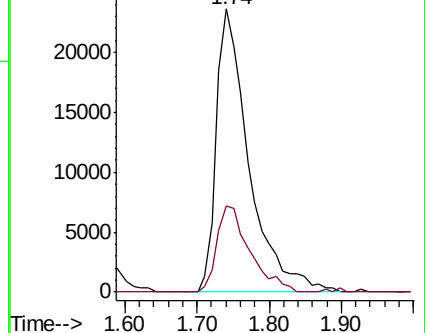
50 100

52 30.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 17.138 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.02 min

Lab File: VD062100.D

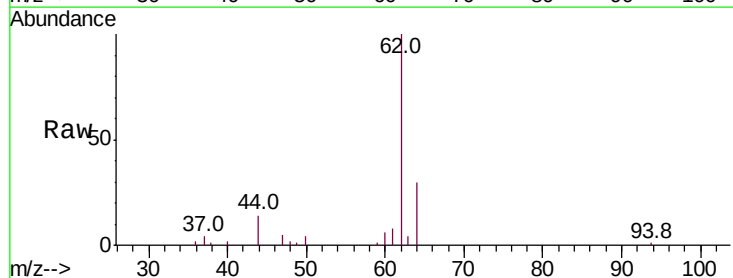
Acq: 1 May 2019 13:59

Tgt Ion: 62 Resp: 67413

Ion Ratio Lower Upper

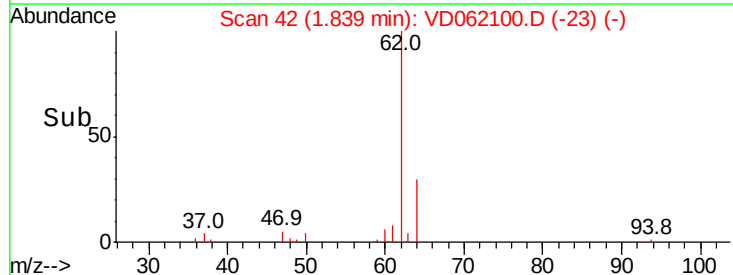
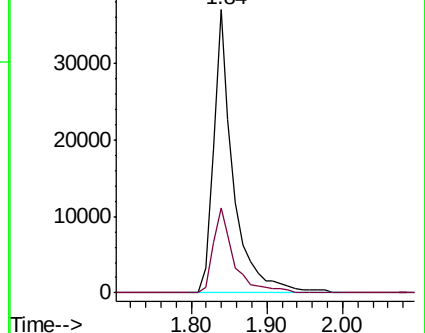
62 100

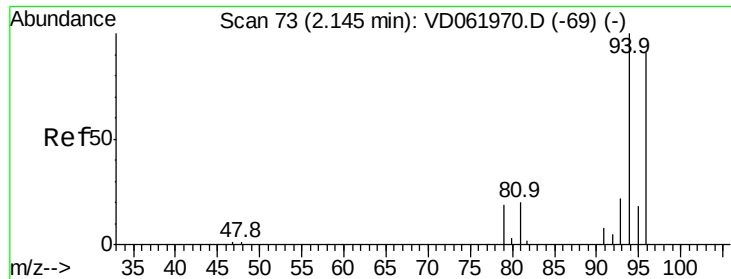
64 30.2 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 15.928 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.02 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

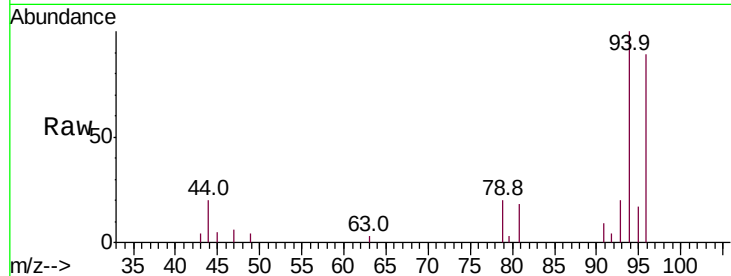
Tot Ion: 94 Resp: 19116

Ion Ratio Lower Upper

94 100

96 89.0 76.6 115.0

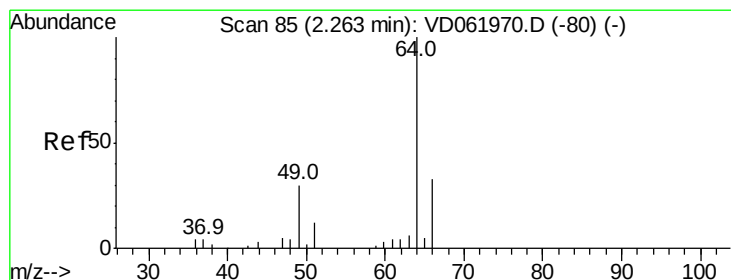
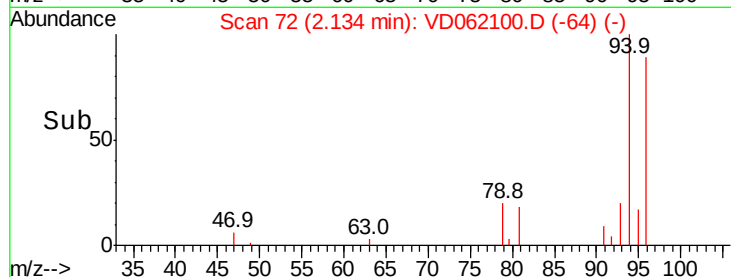
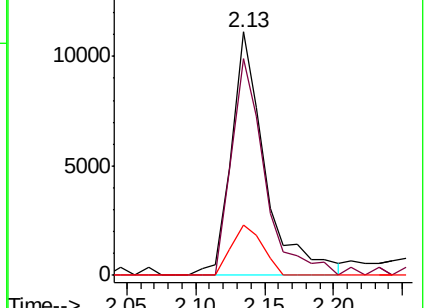
93 20.5 18.5 27.7



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: 16.919 ug/l

RT: 2.24 min Scan# 83

Delta R.T. -0.04 min

Lab File: VD062100.D

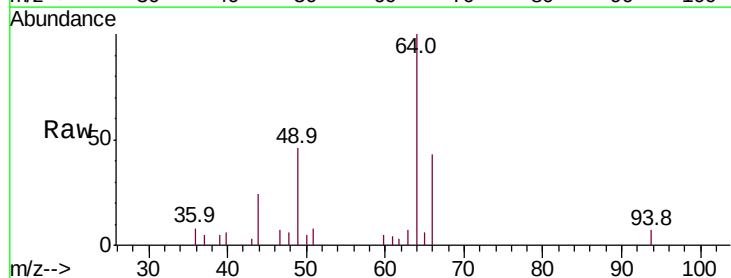
Acq: 1 May 2019 13:59

Tgt Ion: 64 Resp: 24057

Ion Ratio Lower Upper

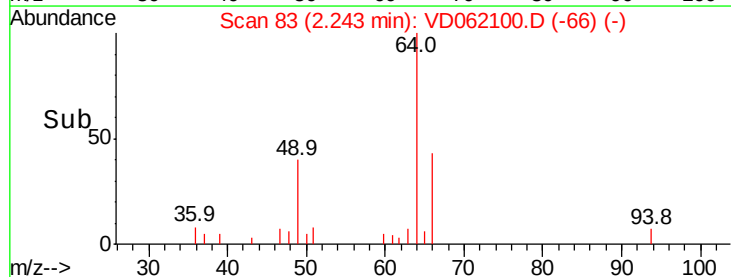
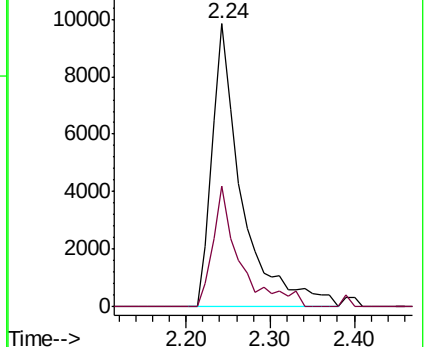
64 100

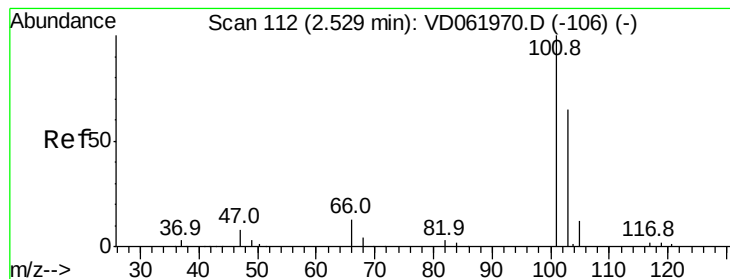
66 42.6 25.6 38.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



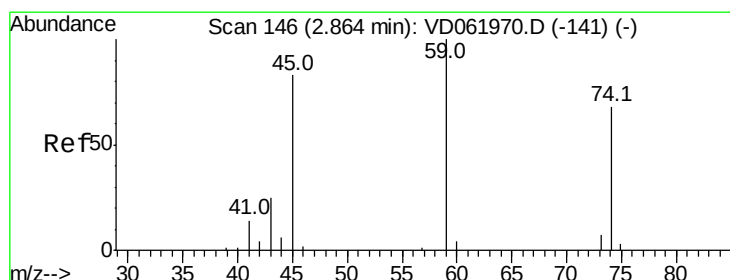
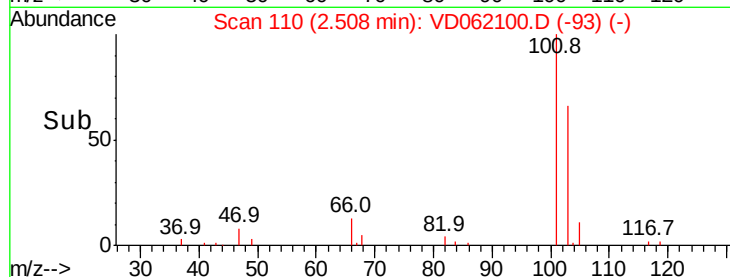
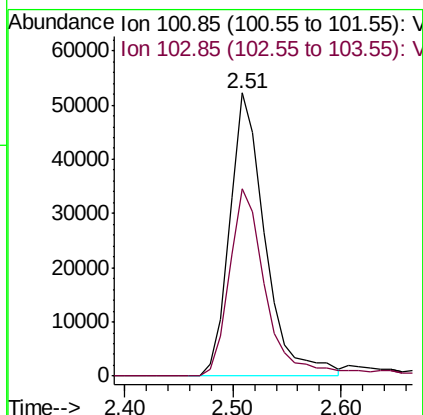
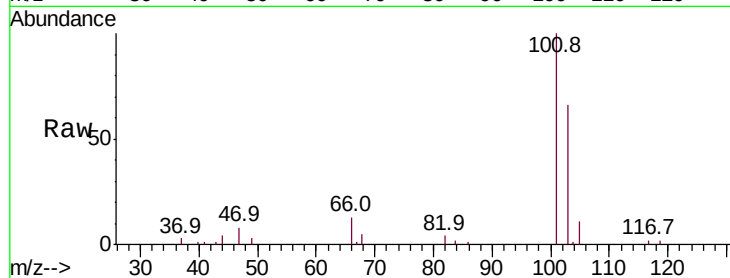


#7

Trichlorofluoromethane
 Concen: 19.980 ug/l
 RT: 2.51 min Scan# 110
 Delta R.T. -0.04 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

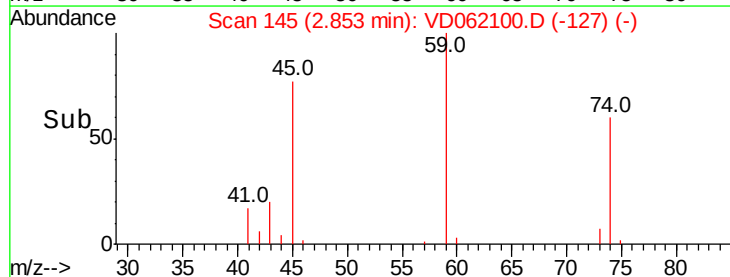
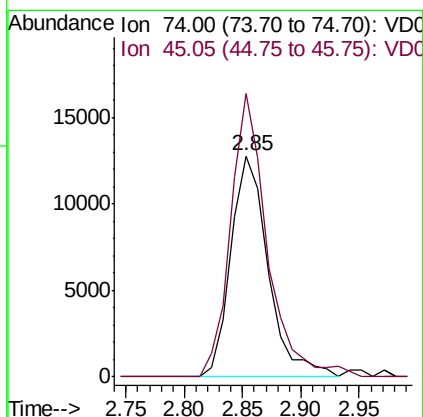
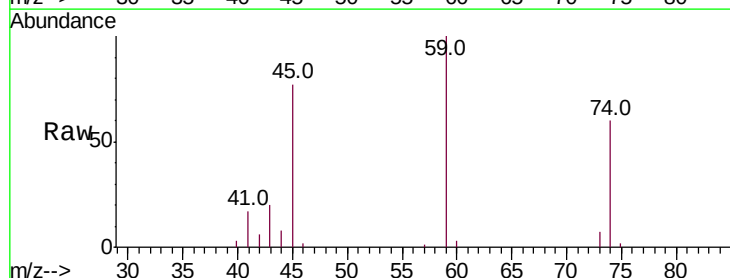
Tot Ion:101 Resp: 118830
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.6 80.4

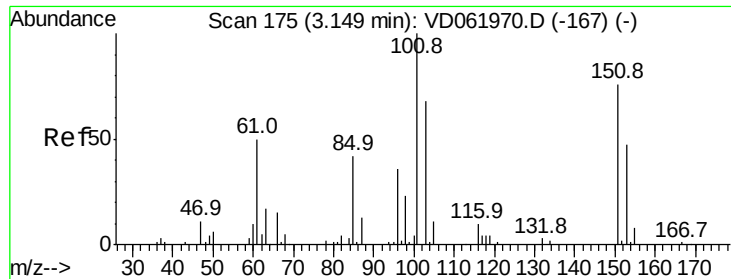


#8

Diethyl Ether
 Concen: 17.825 ug/l
 RT: 2.85 min Scan# 145
 Delta R.T. -0.03 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion: 74 Resp: 28413
 Ion Ratio Lower Upper
 74 100
 45 128.0 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.765 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

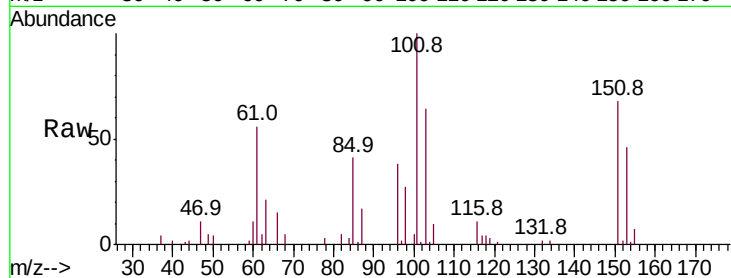
Tot Ion:101 Resp: 108286

Ion Ratio Lower Upper

101 100

85 40.7 32.4 48.6

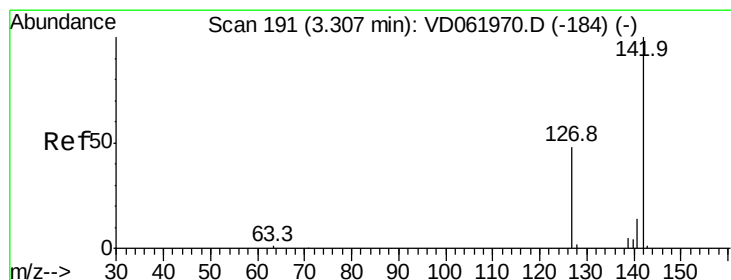
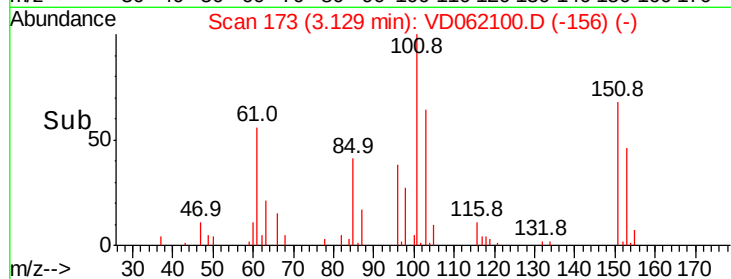
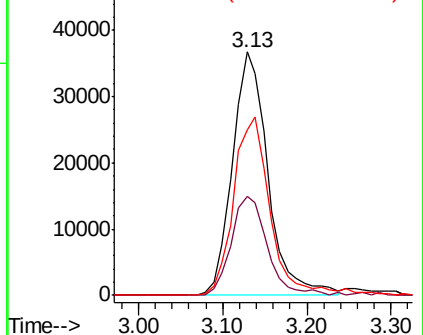
151 68.0 59.4 89.0



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: 18.975 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.03 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

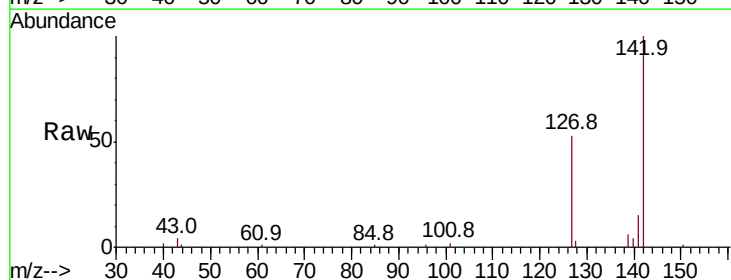
Tgt Ion:142 Resp: 126842

Ion Ratio Lower Upper

142 100

127 52.9 38.8 58.2

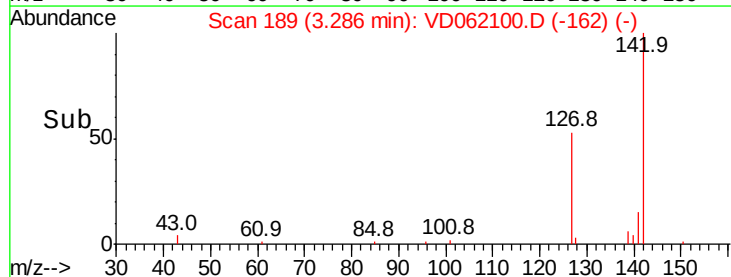
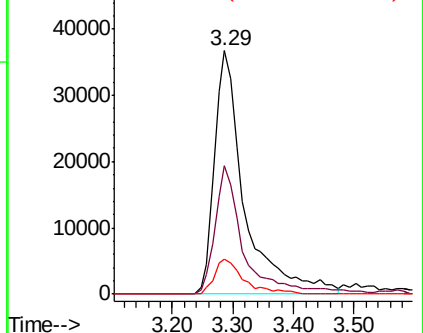
141 14.6 11.4 17.0

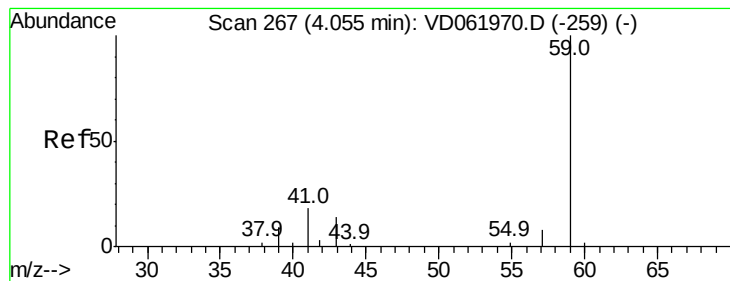


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



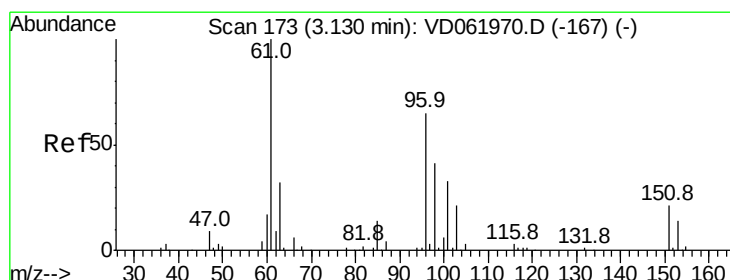
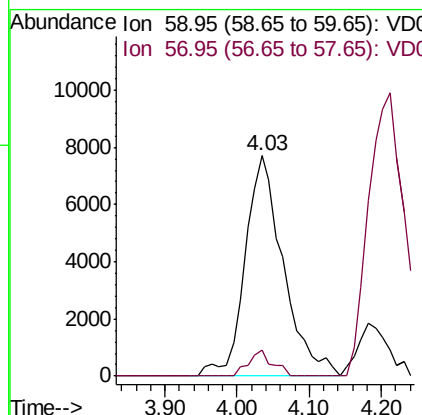
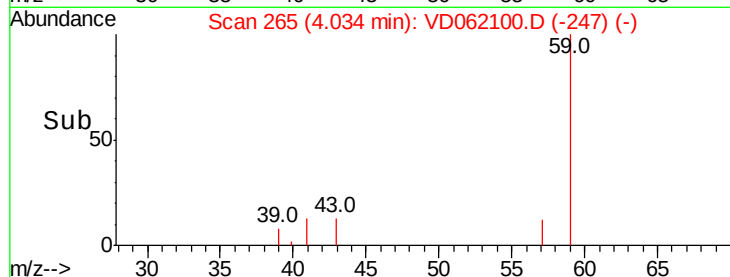
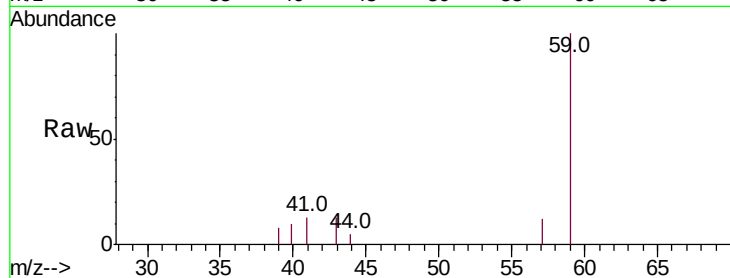


#11

Tert butyl alcohol
 Concen: 112.481 ug/l
 RT: 4.03 min Scan# 265
 Delta R.T. -0.03 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

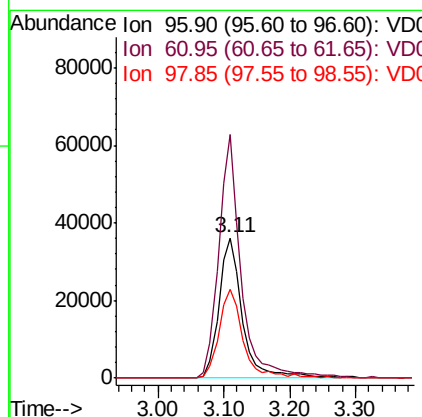
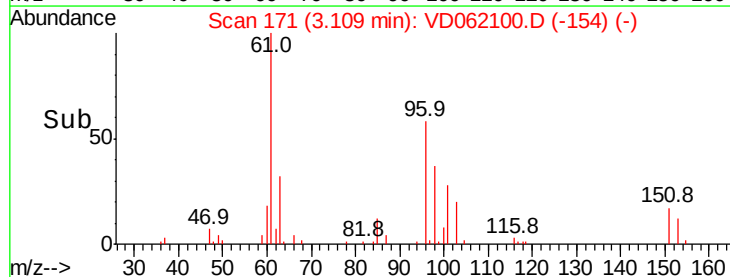
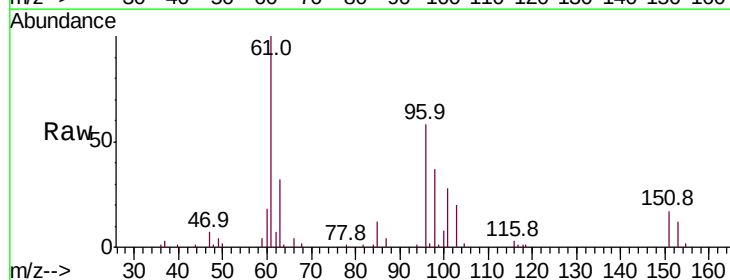
Tot Ion: 59 Resp: 28443
 Ion Ratio Lower Upper
 59 100
 57 11.8 6.9 10.3#

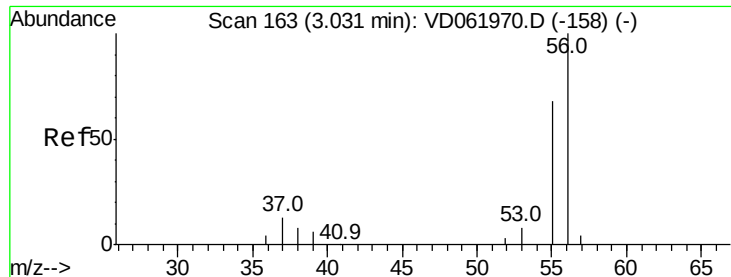


#12

1,1-Dichloroethene
 Concen: 19.109 ug/l
 RT: 3.11 min Scan# 171
 Delta R.T. -0.04 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion: 96 Resp: 89069
 Ion Ratio Lower Upper
 96 100
 61 173.5 129.8 194.8
 98 63.6 51.2 76.8





#13

Acrolein

Concen: 78.755 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

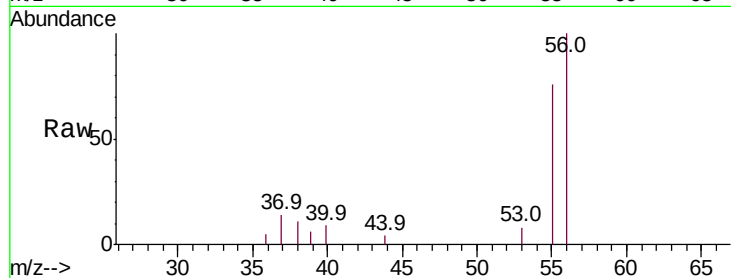
VD0501SBS01

Tot Ion: 56 Resp: 20663

Ion Ratio Lower Upper

56 100

55 76.5 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.01

8000

6000

4000

2000

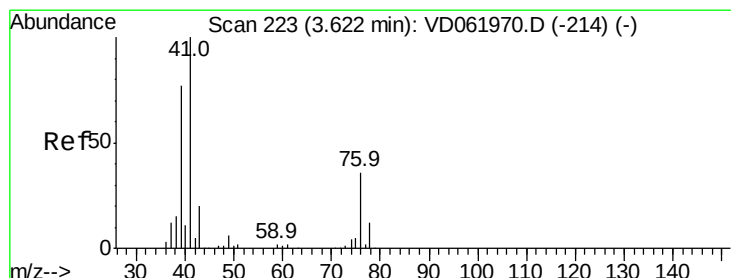
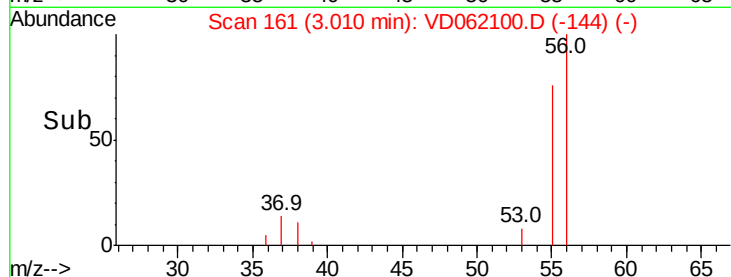
0

Time-->

2.90

3.00

3.10



#14

Allyl chloride

Concen: 20.573 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

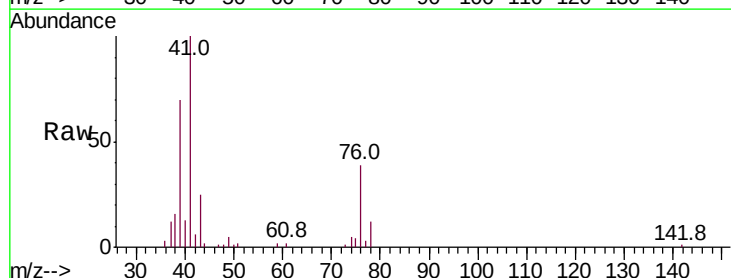
Tgt Ion: 41 Resp: 130942

Ion Ratio Lower Upper

41 100

39 70.0 60.5 90.7

76 39.0 31.8 47.8



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

60000

50000

40000

30000

20000

10000

0

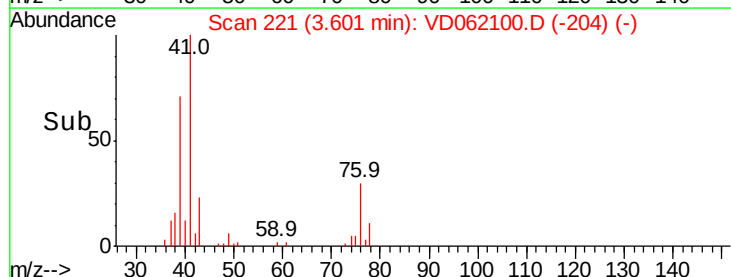
Time-->

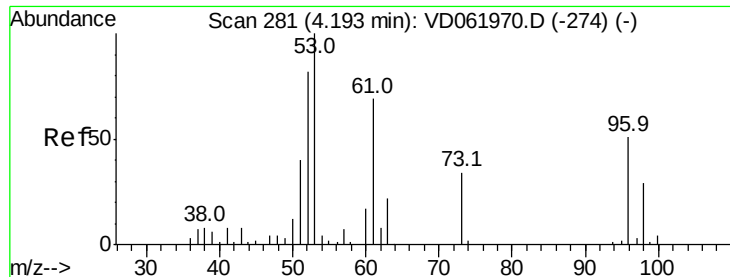
3.50

3.60

3.70

3.80





#15

Acrylonitrile

Concen: 106.500 ug/l

RT: 4.16 min Scan# 278

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

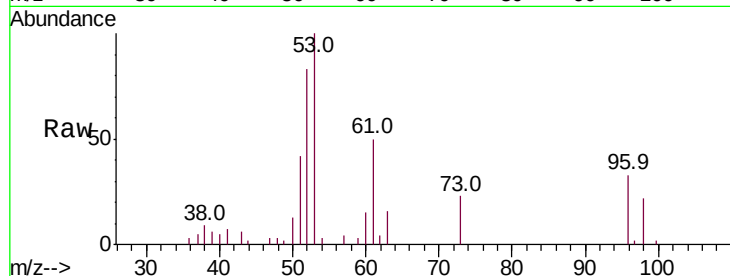
Tot Ion: 53 Resp: 83392

Ion Ratio Lower Upper

53 100

52 83.0 65.0 97.4

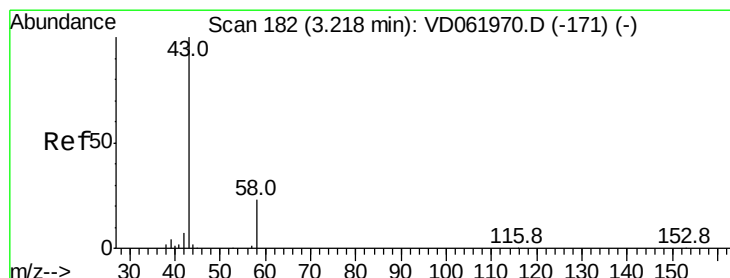
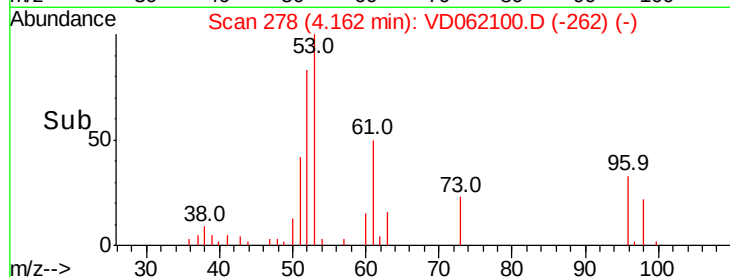
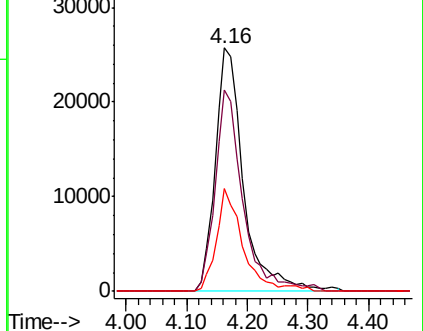
51 42.3 32.6 48.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 92.139 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062100.D

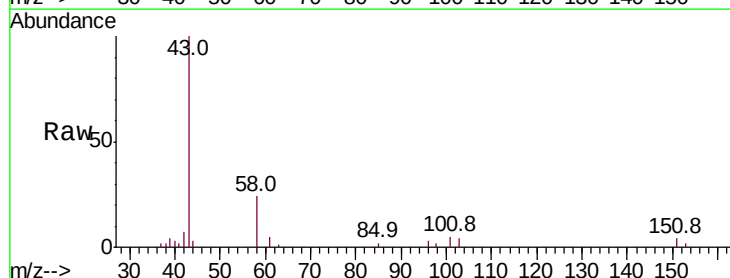
Acq: 1 May 2019 13:59

Tgt Ion: 43 Resp: 98462

Ion Ratio Lower Upper

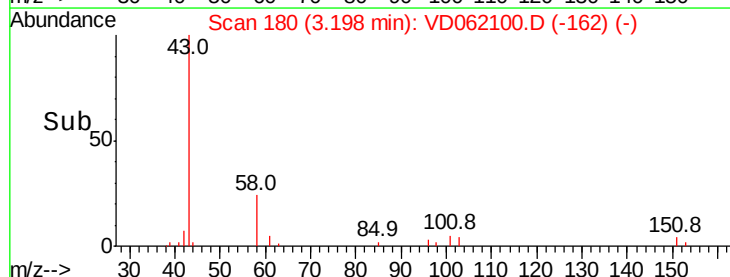
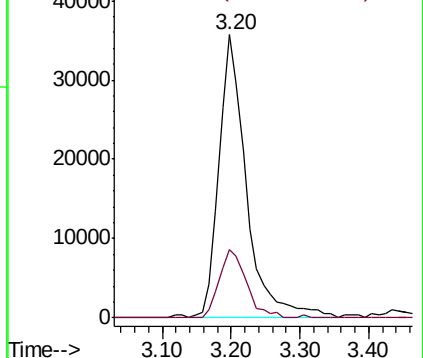
43 100

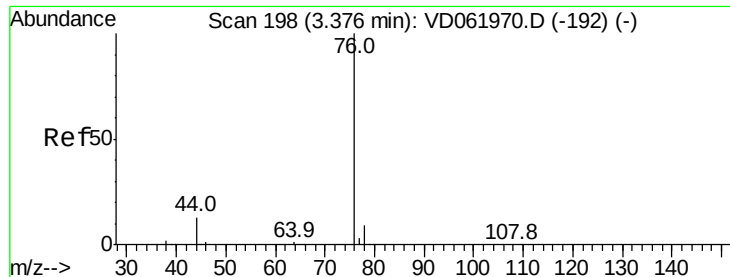
58 24.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 18.091 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

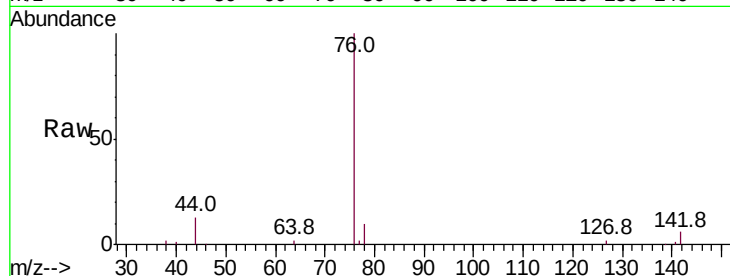
VD0501SBS01

Tot Ion: 76 Resp: 243675

Ion Ratio Lower Upper

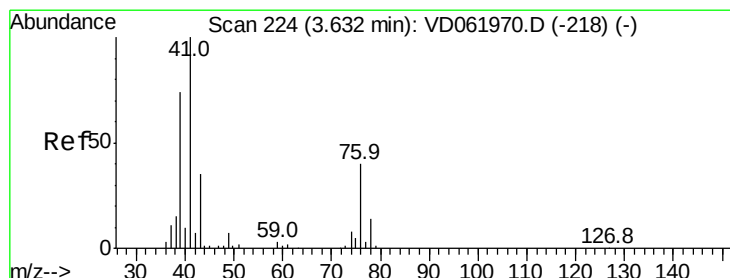
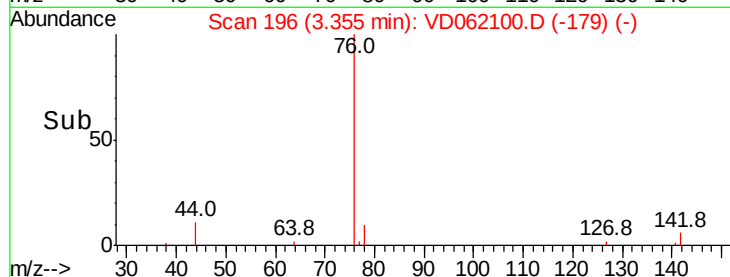
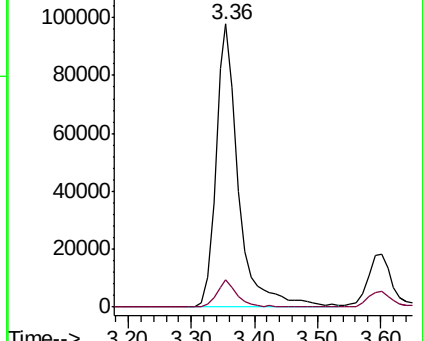
76 100

78 9.5 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 21.274 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.04 min

Lab File: VD062100.D

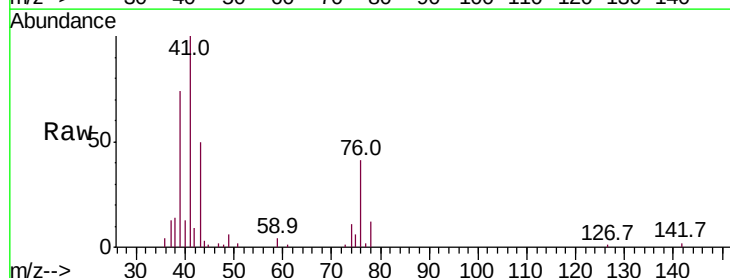
Acq: 1 May 2019 13:59

Tgt Ion: 43 Resp: 43637

Ion Ratio Lower Upper

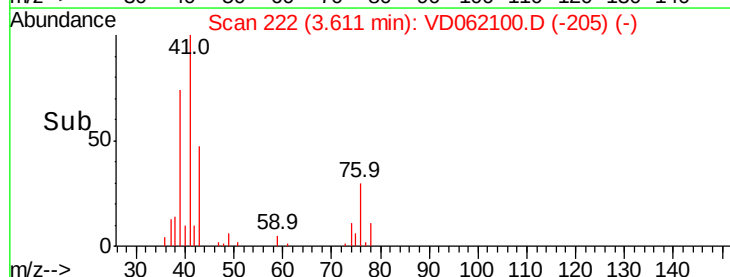
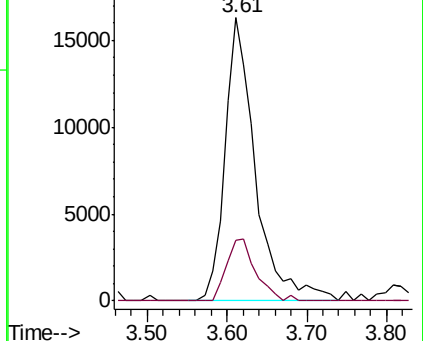
43 100

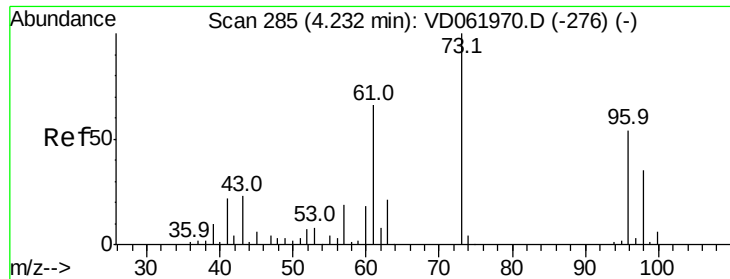
74 21.6 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

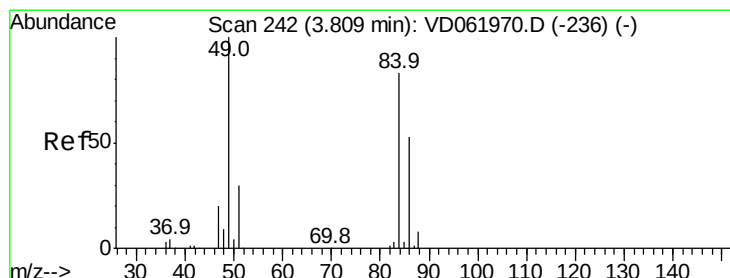
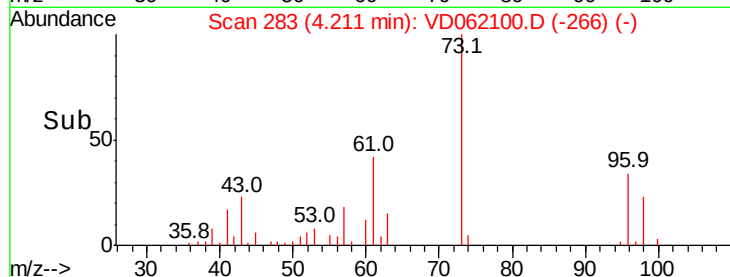
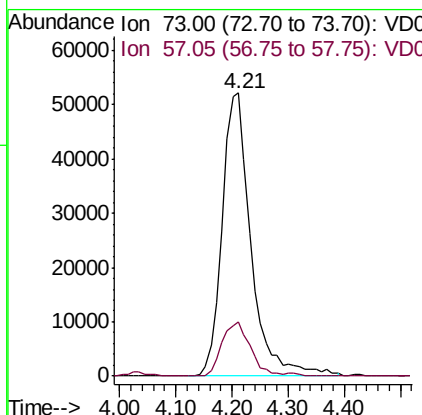
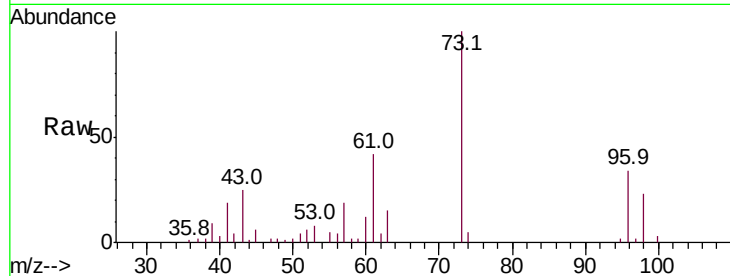




#19
Methyl tert-butyl Ether
Concen: 20.178 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.04 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

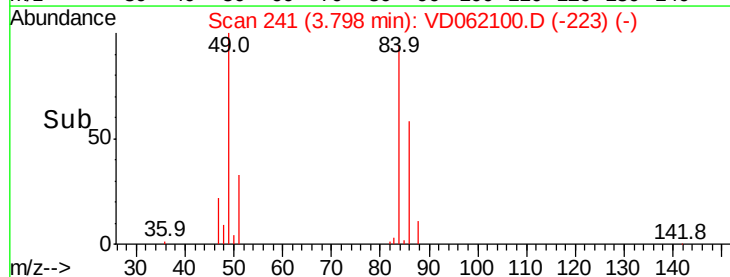
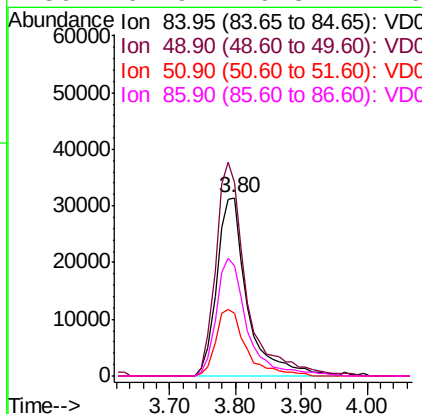
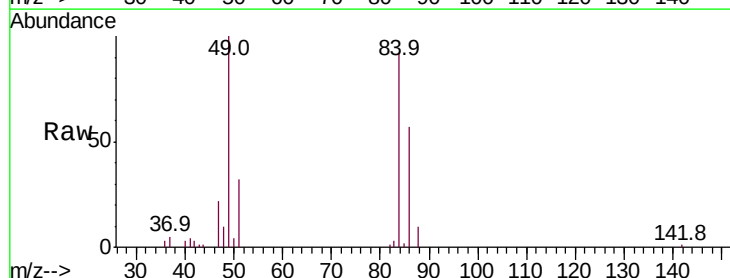
Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

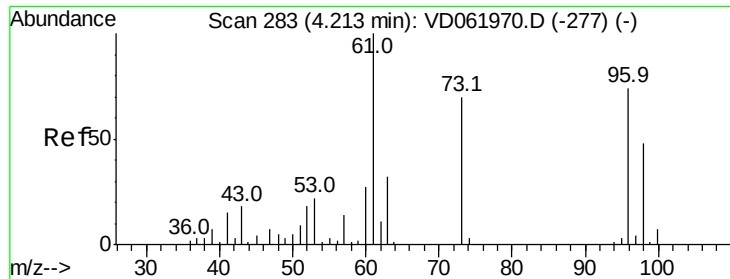
Tot Ion: 73 Resp: 186611
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5



#20
Methylene Chloride
Concen: 17.365 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion: 84 Resp: 101169
Ion Ratio Lower Upper
84 100
49 108.4 94.0 141.0
51 35.0 29.0 43.4
86 61.9 49.8 74.6

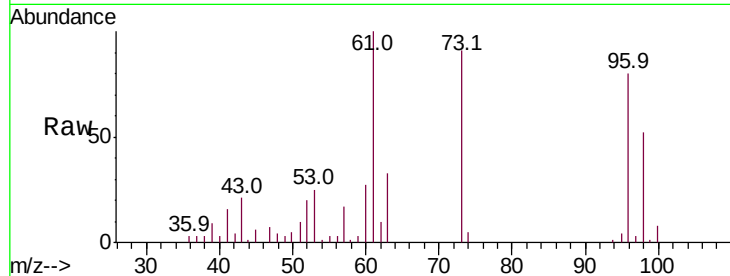




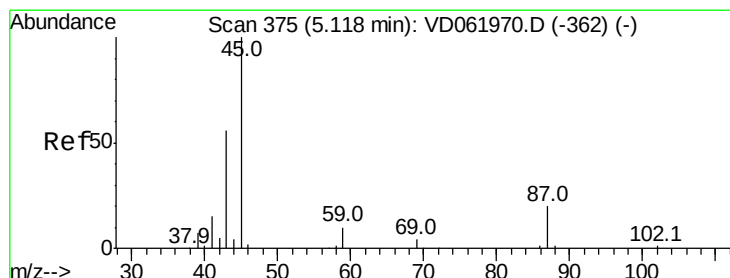
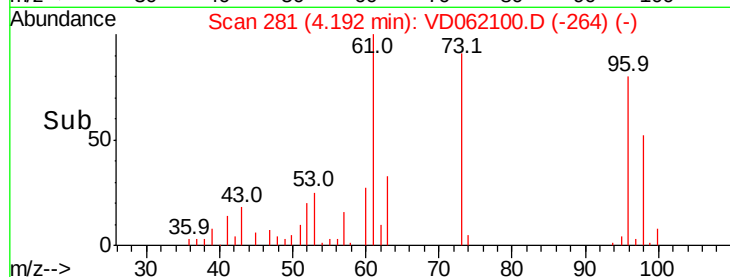
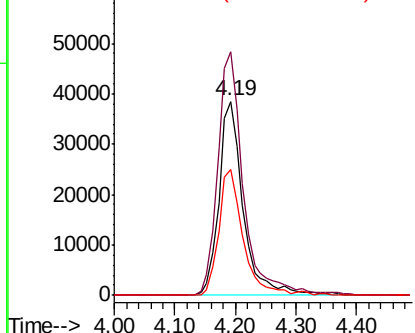
#21
trans-1,2-Dichloroethene
Concen: 20.092 ug/l
RT: 4.19 min Scan# 281
Delta R.T. -0.04 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

Tot Ion: 96 Resp: 107437
Ion Ratio Lower Upper
96 100
61 125.3 104.4 156.6
98 64.9 51.8 77.8

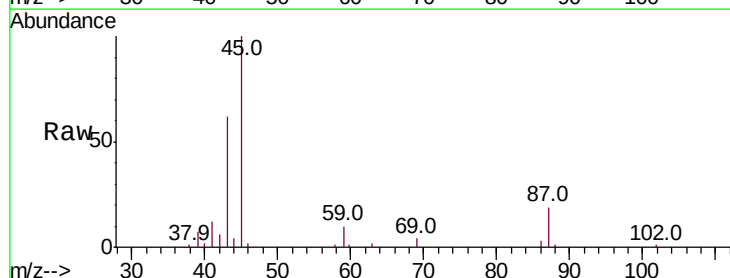


Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC

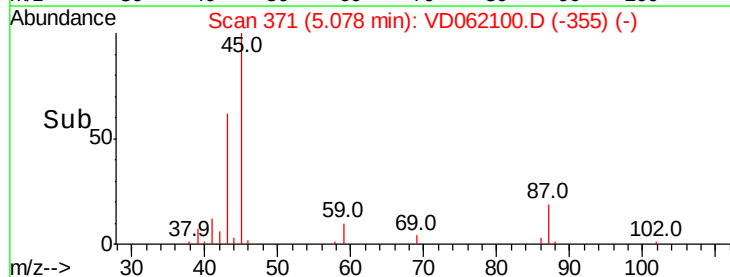
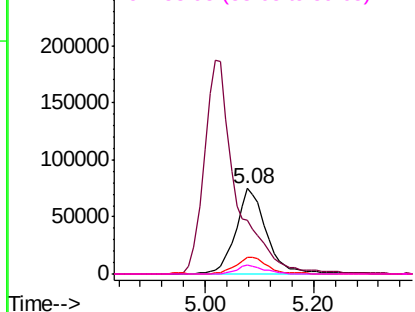


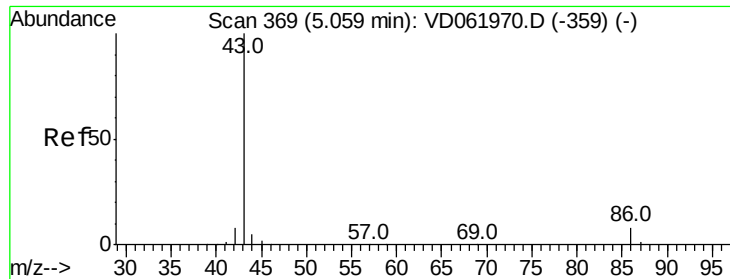
#22
Diisopropyl ether
Concen: 19.846 ug/l
RT: 5.08 min Scan# 371
Delta R.T. -0.04 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion: 45 Resp: 294903
Ion Ratio Lower Upper
45 100
43 62.4 46.2 69.2
87 19.4 15.9 23.9
59 10.4 7.9 11.9



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





#23

Vinyl Acetate

Concen: 98.031 ug/l

RT: 5.02 min Scan# 365

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

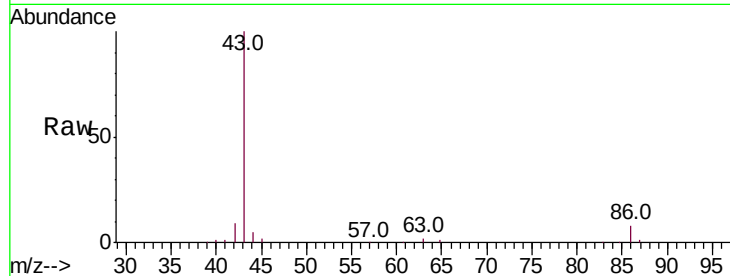
VD0501SBS01

Tot Ion: 43 Resp: 758614

Ion Ratio Lower Upper

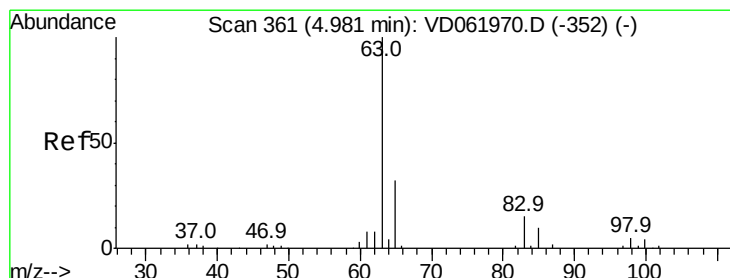
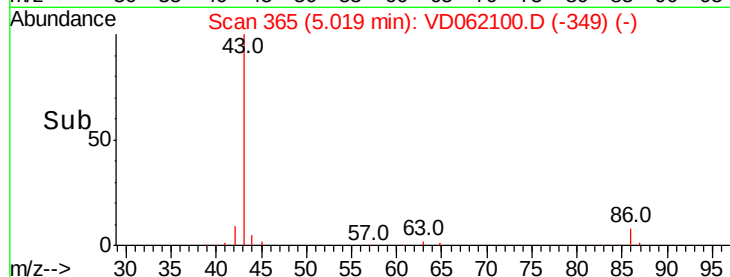
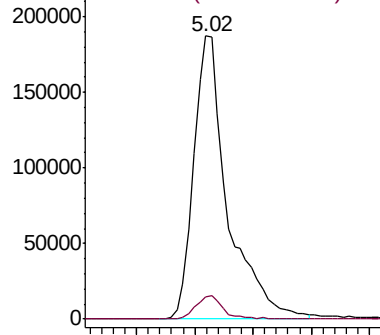
43 100

86 7.7 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VD0

Ion 86.00 (85.70 to 86.70): VD0



#24

1,1-Dichloroethane

Concen: 19.543 ug/l

RT: 4.95 min Scan# 358

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

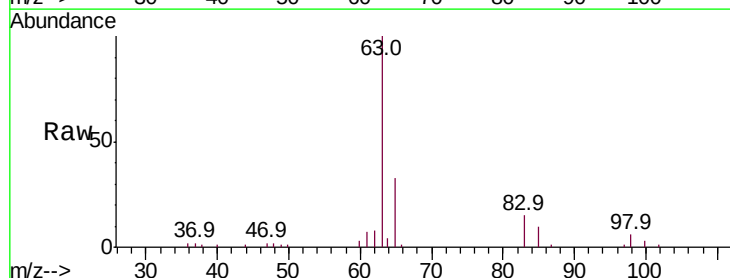
Tgt Ion: 63 Resp: 175528

Ion Ratio Lower Upper

63 100

98 5.5 2.8 8.4

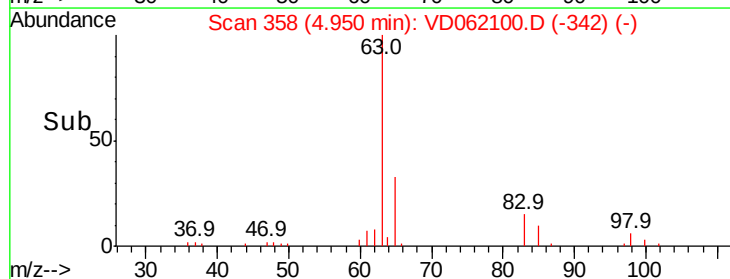
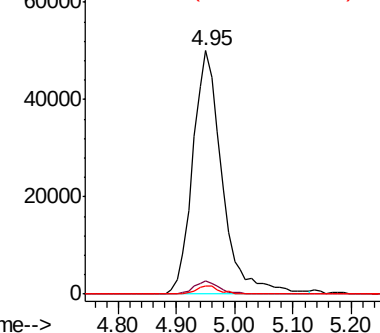
100 3.3 1.8 5.5

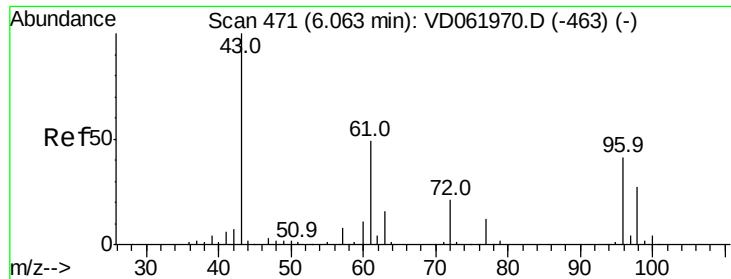


Abundance Ion 62.95 (62.65 to 63.65): VD0

Ion 97.95 (97.65 to 98.65): VD0

Ion 99.95 (99.65 to 100.65): VD0

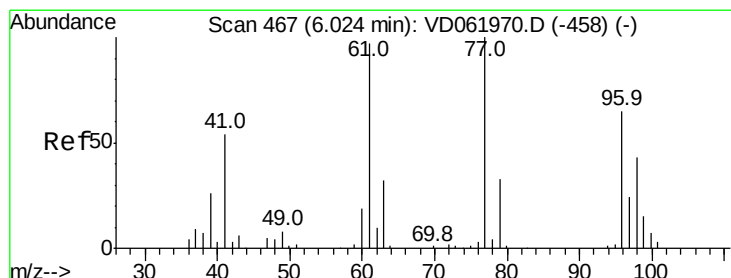
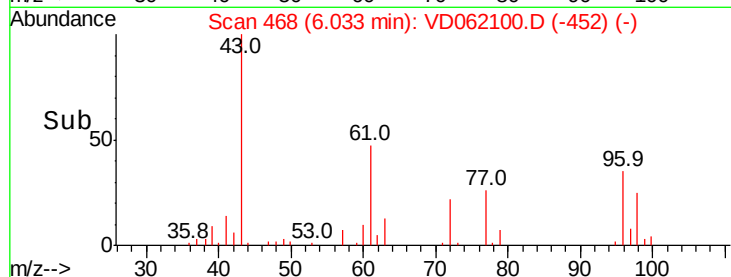
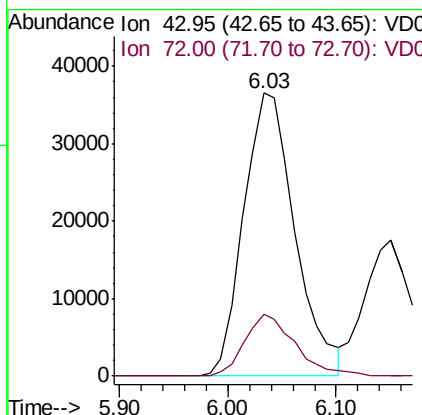
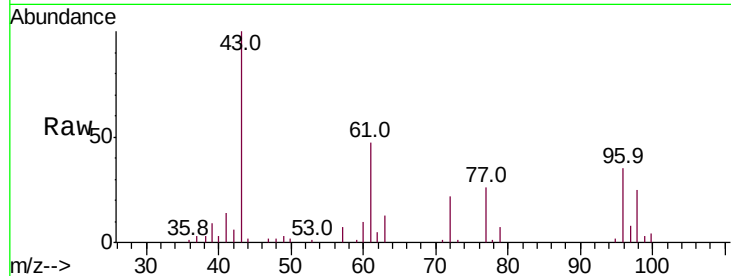




#25
2-Butanone
Concen: 93.436 ug/l
RT: 6.03 min Scan# 468
Delta R.T. -0.04 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

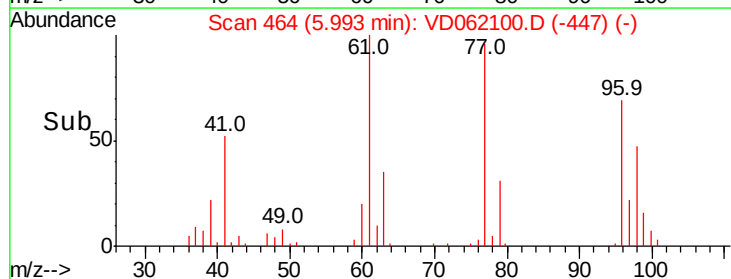
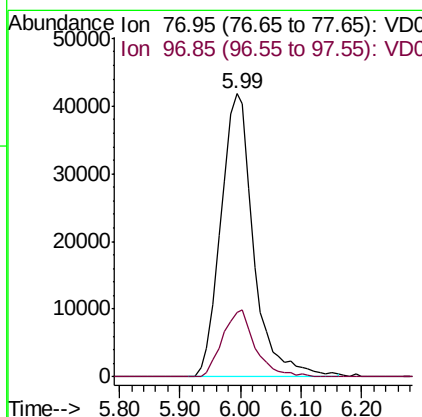
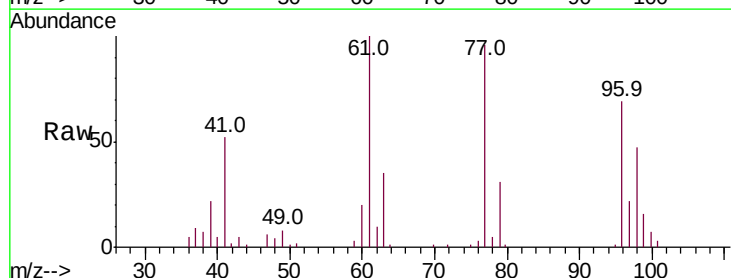
Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

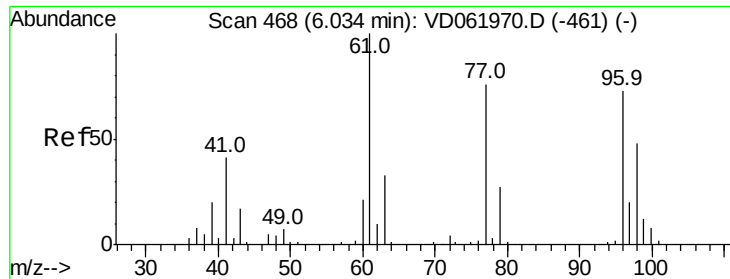
Tot Ion: 43 Resp: 121058
Ion Ratio Lower Upper
43 100
72 21.7 16.2 24.4



#26
2,2-Dichloropropane
Concen: 20.036 ug/l
RT: 5.99 min Scan# 464
Delta R.T. -0.04 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion: 77 Resp: 156988
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.9



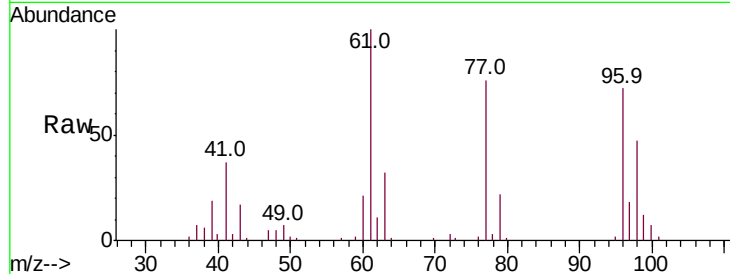


#27

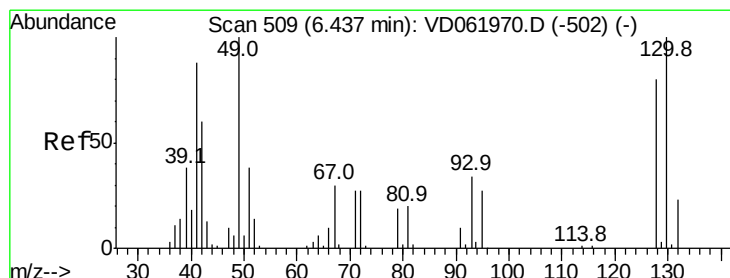
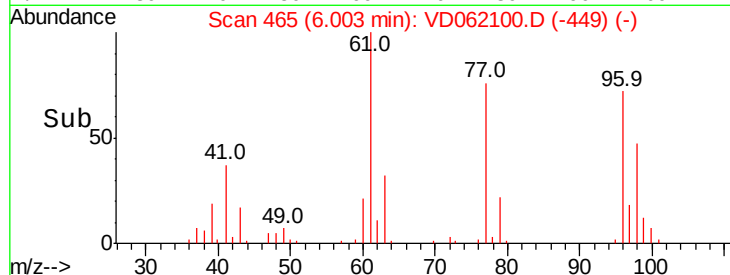
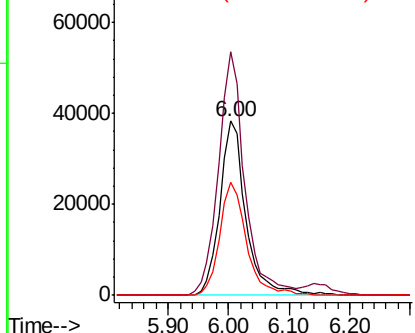
cis-1,2-Dichloroethene
 Concen: 18.943 ug/l
 RT: 6.00 min Scan# 465
 Delta R.T. -0.04 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

Tot Ion: 96 Resp: 115230
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 279.8
 98 65.2 0.0 136.0



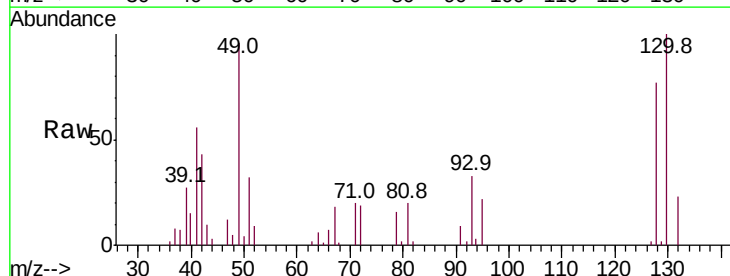
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



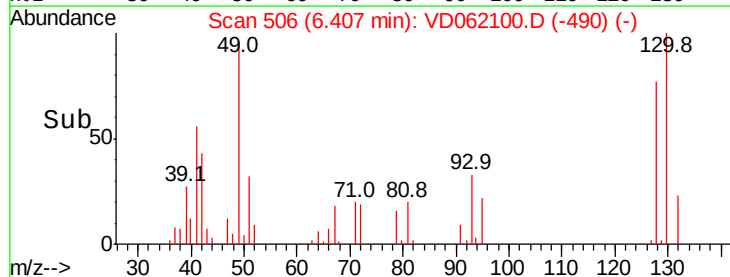
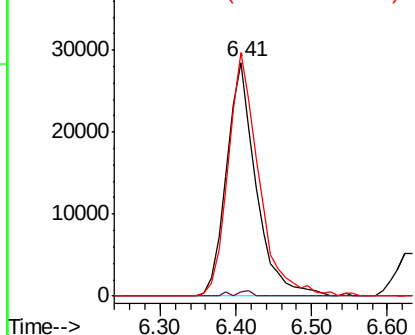
#28

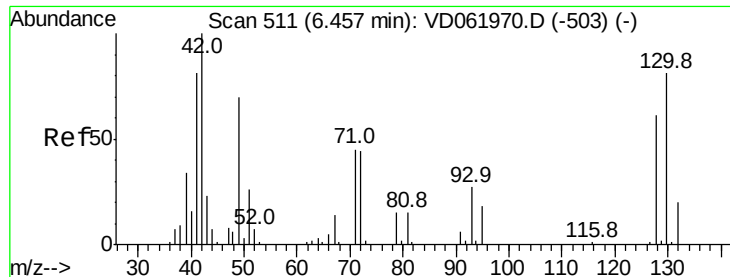
Bromochloromethane
 Concen: 22.329 ug/l
 RT: 6.41 min Scan# 506
 Delta R.T. -0.04 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion: 49 Resp: 76735
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 6.6
 130 104.3 86.7 130.1



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





#29

Tetrahydrofuran

Concen: 85.785 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

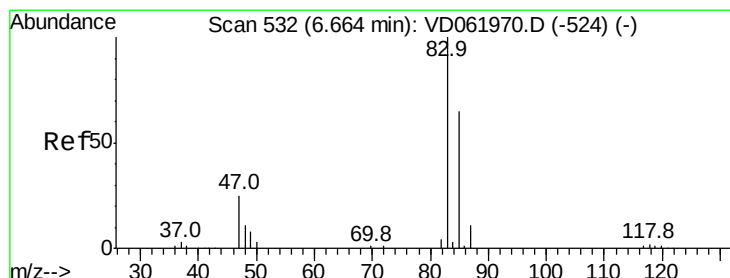
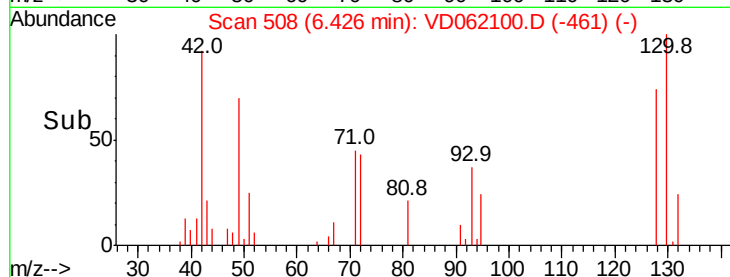
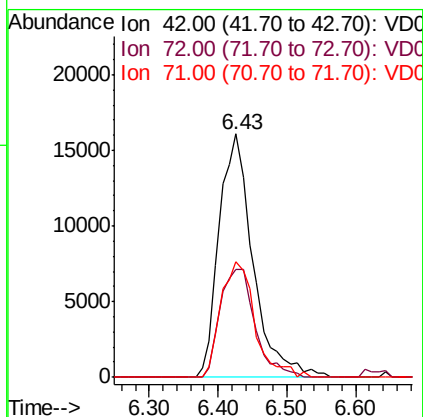
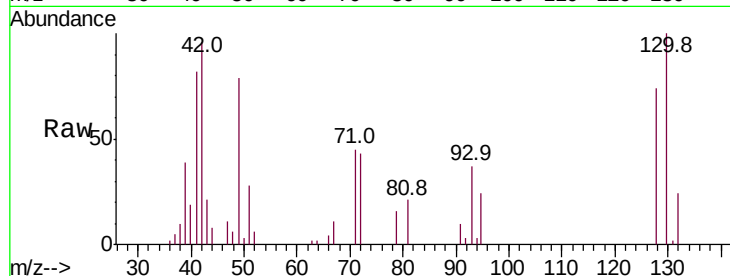
Tot Ion: 42 Resp: 54764

Ion Ratio Lower Upper

42 100

72 46.0 37.8 56.6

71 47.5 36.7 55.1



#30

Chloroform

Concen: 19.756 ug/l

RT: 6.63 min Scan# 529

Delta R.T. -0.04 min

Lab File: VD062100.D

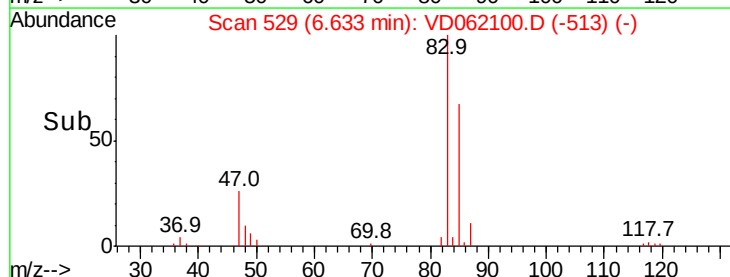
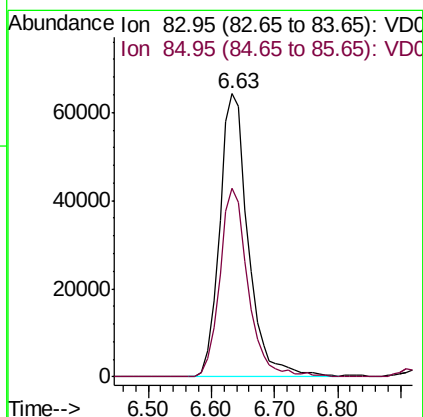
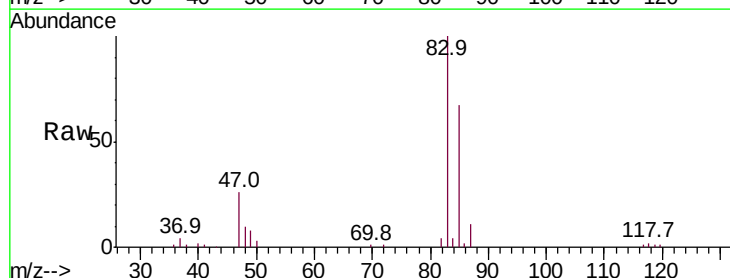
Acq: 1 May 2019 13:59

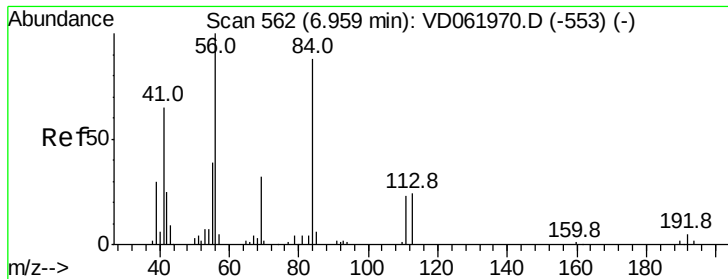
Tgt Ion: 83 Resp: 201534

Ion Ratio Lower Upper

83 100

85 66.5 51.7 77.5





#31

Cyclohexane

Concen: 16.857 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

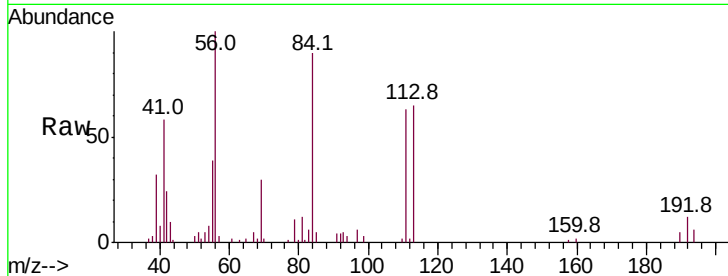
Tot Ion: 56 Resp: 112378

Ion Ratio Lower Upper

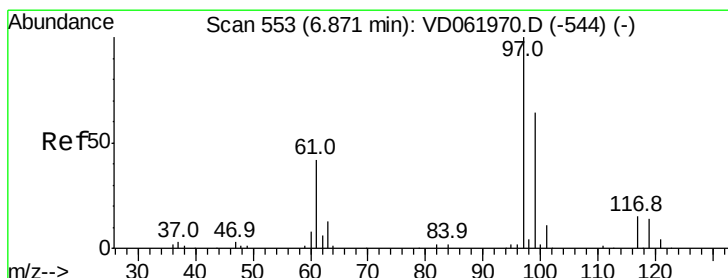
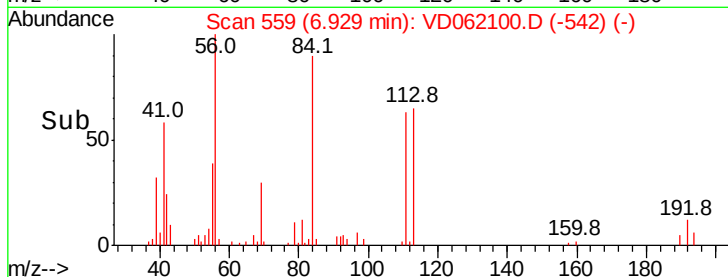
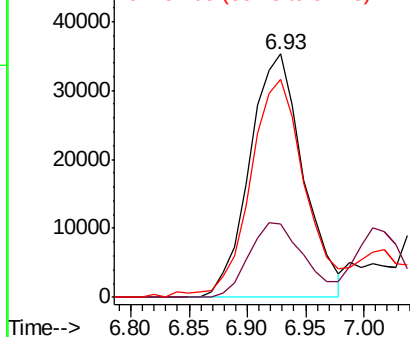
56 100

69 30.1 25.8 38.6

84 89.6 72.2 108.4



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: 19.543 ug/l

RT: 6.84 min Scan# 550

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

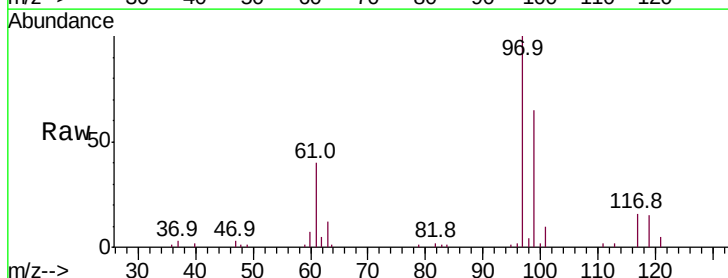
Tgt Ion: 97 Resp: 173465

Ion Ratio Lower Upper

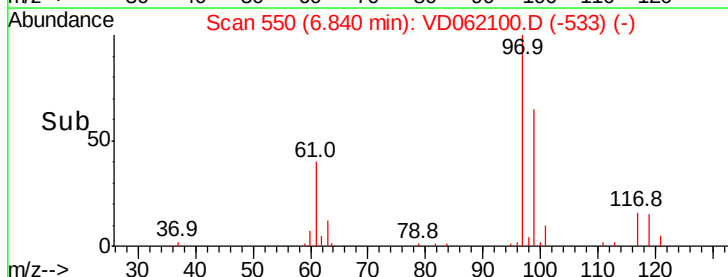
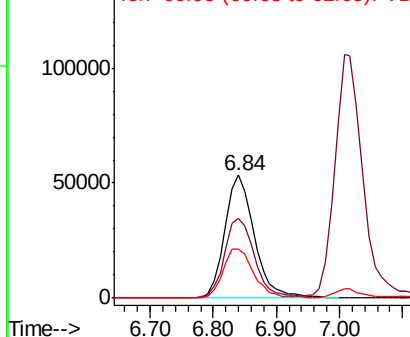
97 100

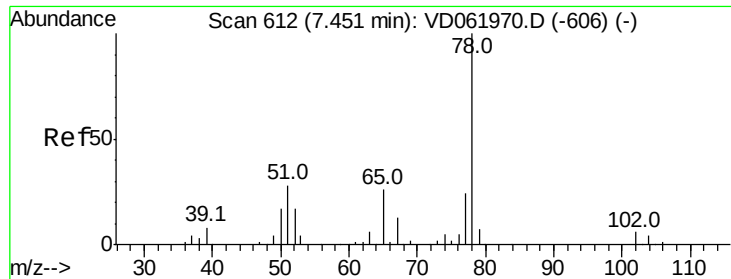
99 64.6 52.2 78.2

61 39.6 32.4 48.6



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

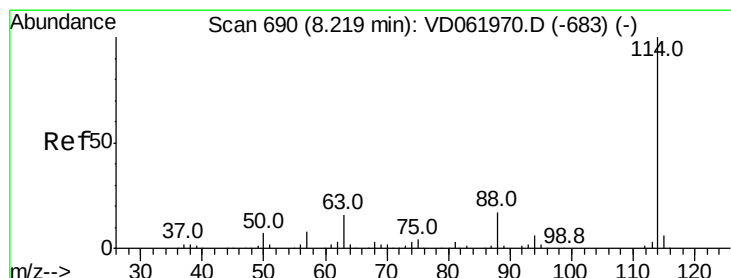
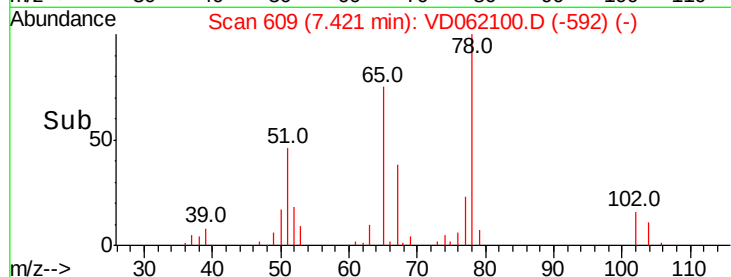
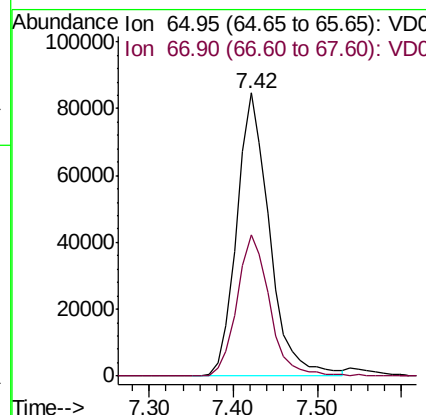
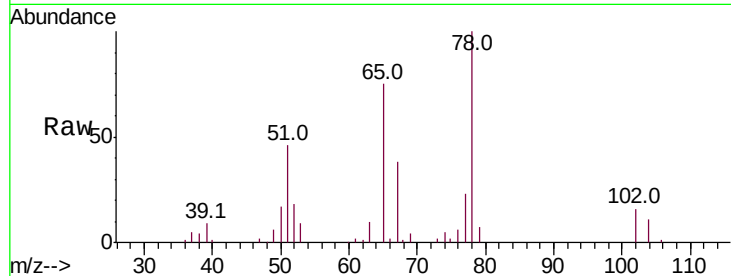




#33
 1,2-Dichloroethane-d4
 Concen: 51.329 ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.04 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

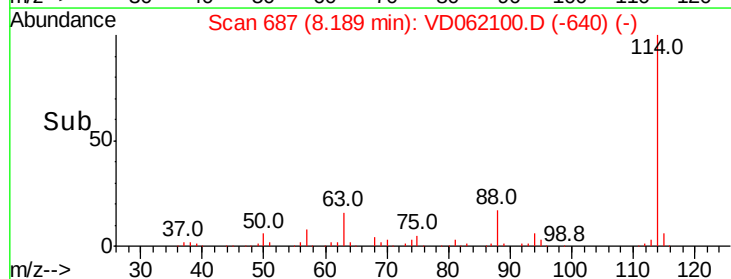
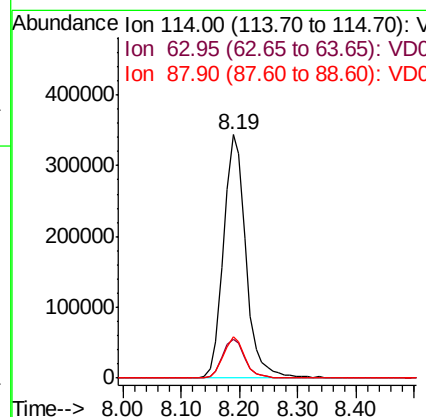
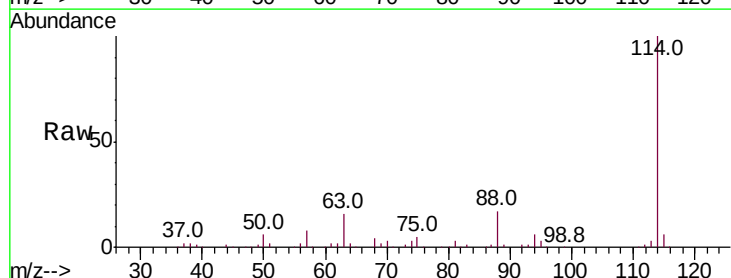
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

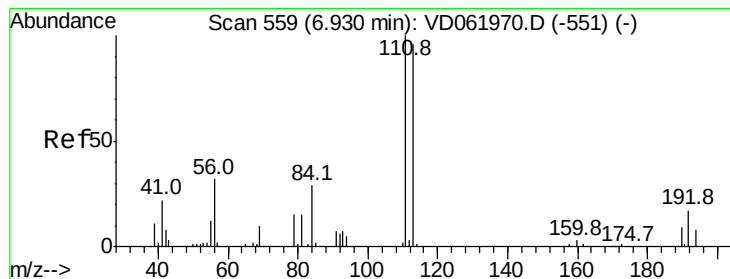
Tot Ion: 65 Resp: 229726
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.04 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion: 114 Resp: 917533
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 32.4
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.998 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

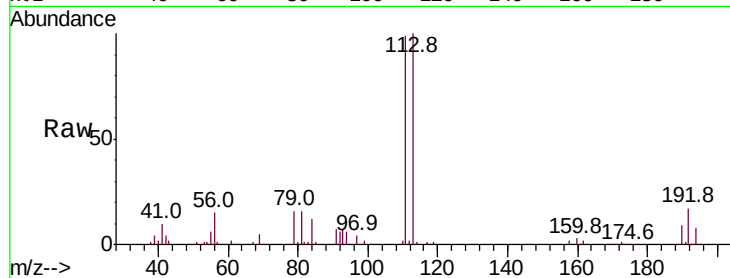
Tot Ion:113 Resp: 342648

Ion Ratio Lower Upper

113 100

111 99.2 78.5 117.7

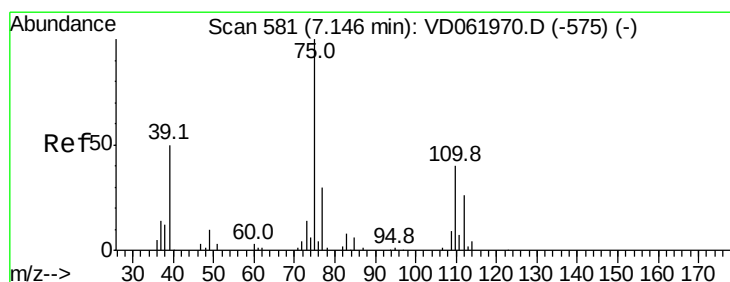
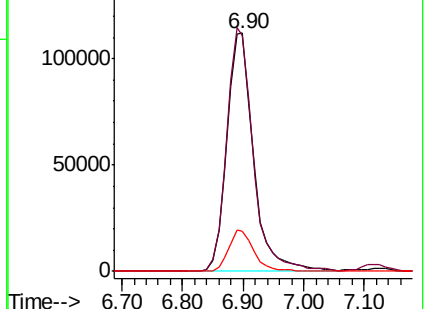
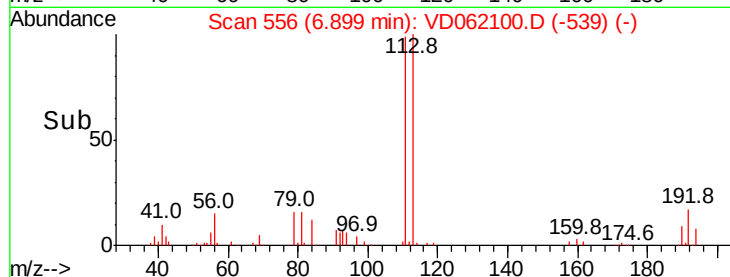
192 17.0 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 19.974 ug/l

RT: 7.12 min Scan# 578

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

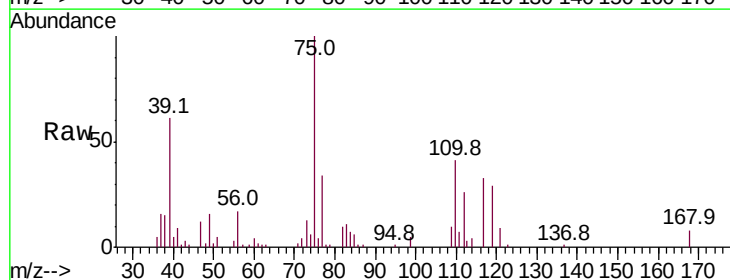
Tgt Ion: 75 Resp: 142784

Ion Ratio Lower Upper

75 100

110 41.5 19.1 57.1

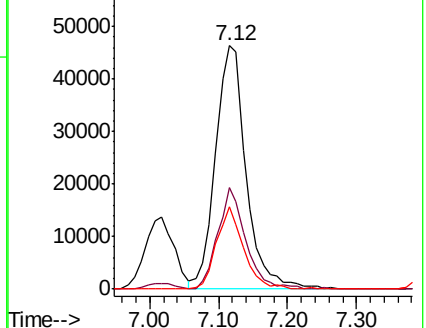
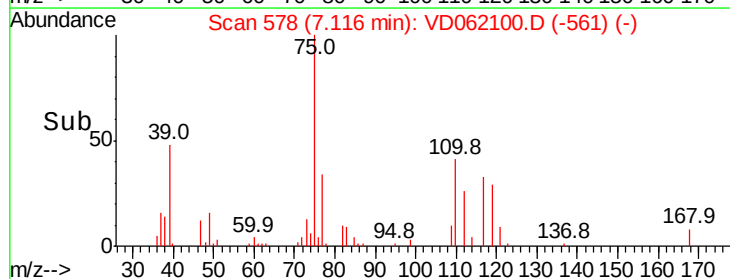
77 33.7 25.6 38.4

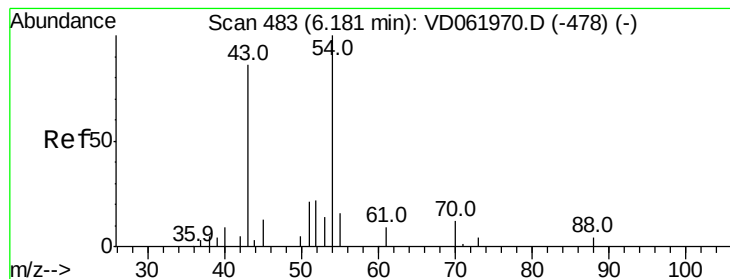


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 19.534 ug/l

RT: 6.15 min Scan# 480

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

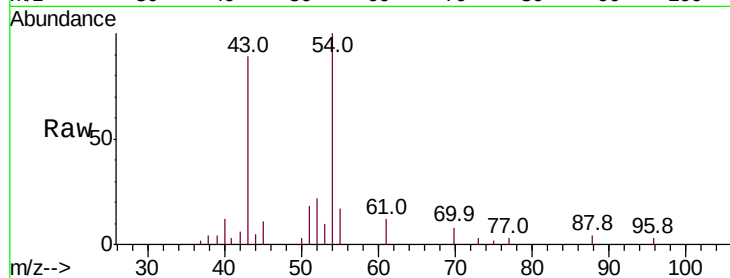
Tot Ion: 43 Resp: 59504

Ion Ratio Lower Upper

43 100

61 13.0 14.7 22.1#

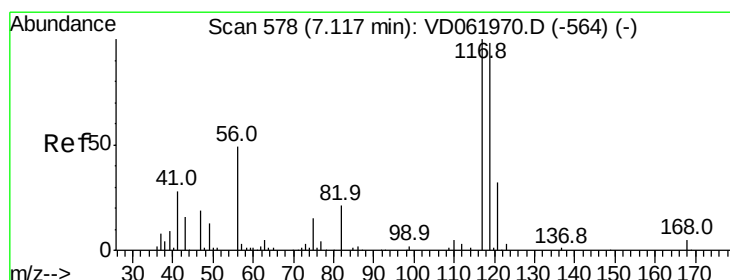
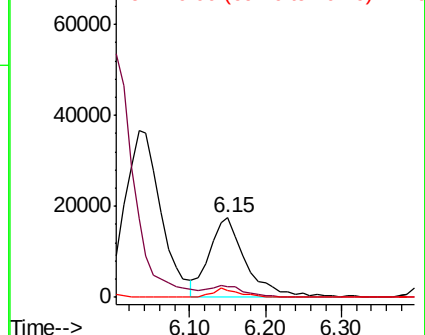
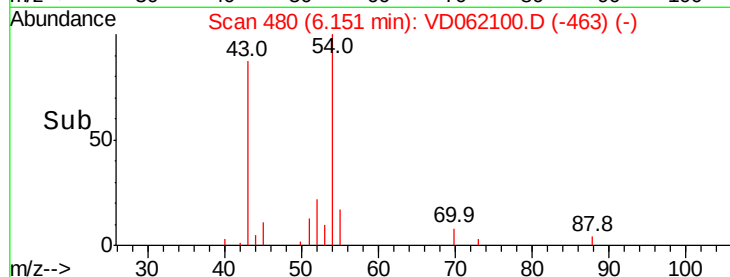
70 9.2 7.8 11.6



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: 19.451 ug/l

RT: 7.09 min Scan# 575

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

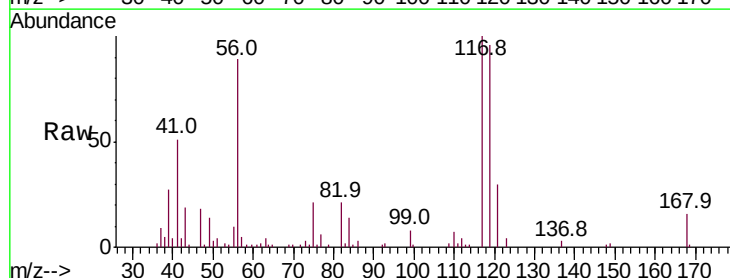
Tgt Ion: 117 Resp: 176199

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

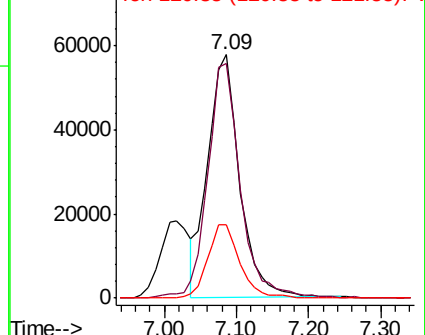
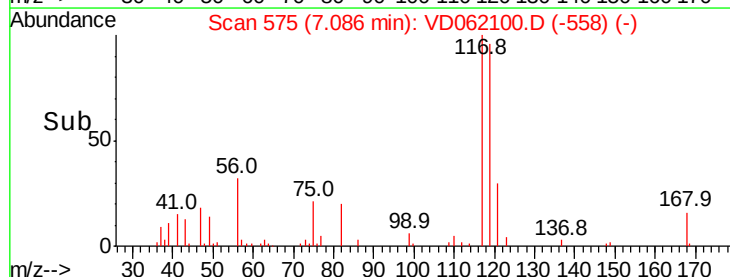
121 30.0 25.9 38.9

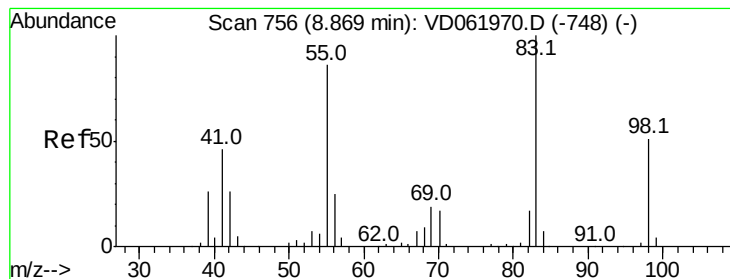


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methylvlcyclohexane

Concen: 18.007 ug/l

RT: 8.84 min Scan# 753

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

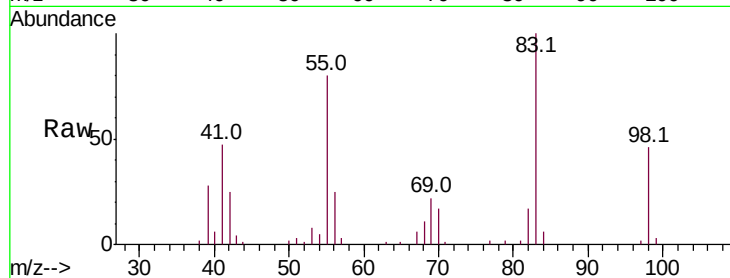
Tot Ion: 83 Resp: 127005

Ion Ratio Lower Upper

83 100

55 79.7 68.2 102.4

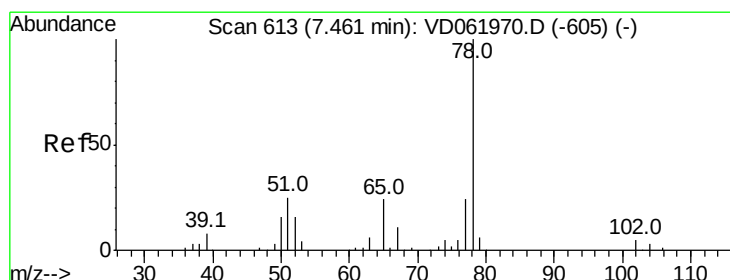
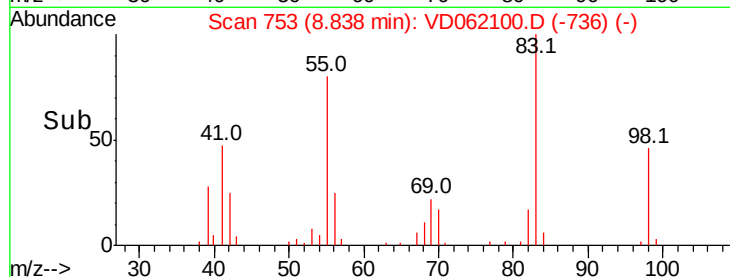
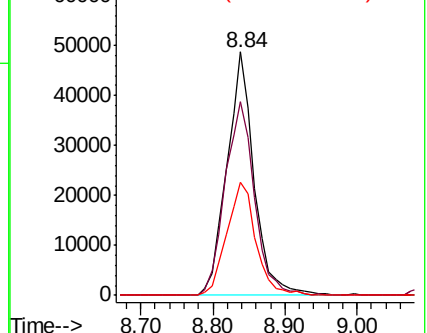
98 46.3 38.2 57.4



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: 18.693 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062100.D

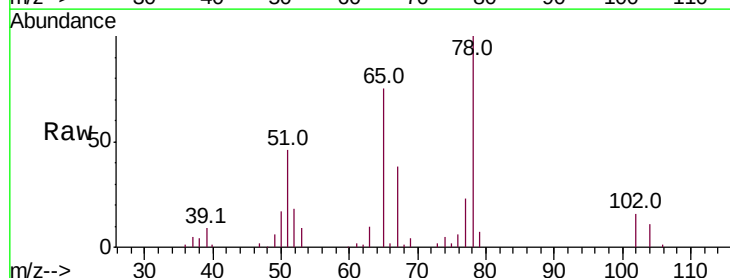
Acq: 1 May 2019 13:59

Tgt Ion: 78 Resp: 330826

Ion Ratio Lower Upper

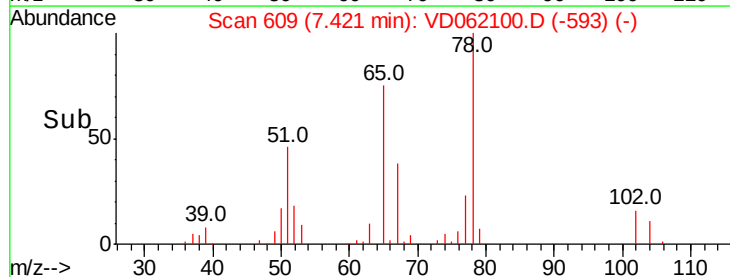
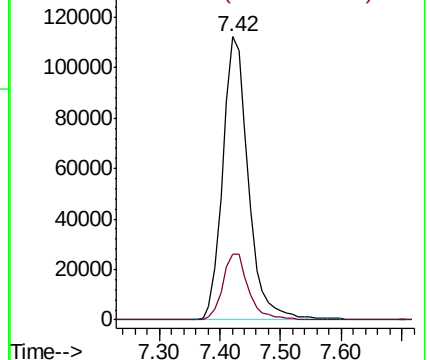
78 100

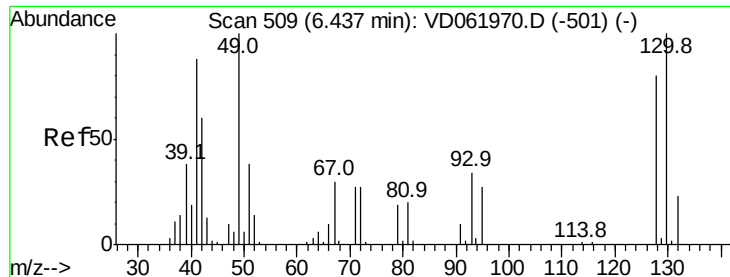
77 23.2 19.7 29.5



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 18.151 ug/l

RT: 6.41 min Scan# 506

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

Tot Ion: 41 Resp: 64515

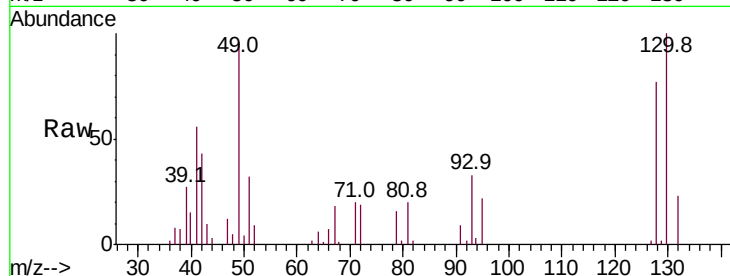
Ion Ratio Lower Upper

41 100

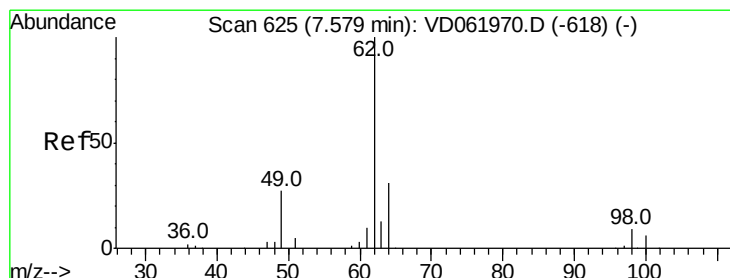
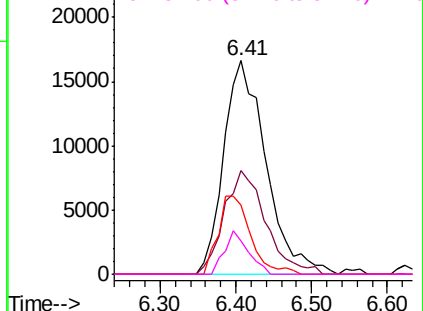
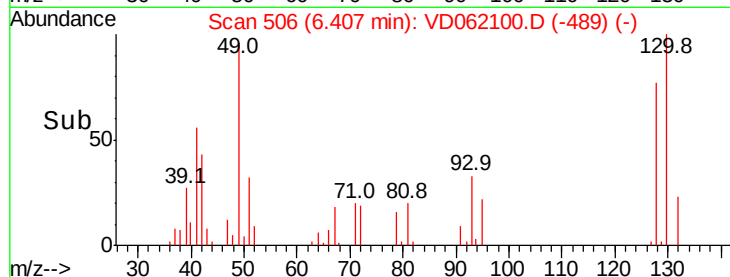
39 48.3 34.1 51.1

67 32.1 23.8 35.6

52 15.8 8.8 13.2#



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.020 ug/l

RT: 7.55 min Scan# 622

Delta R.T. -0.04 min

Lab File: VD062100.D

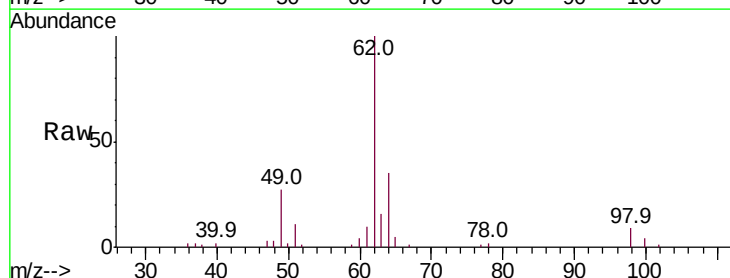
Acq: 1 May 2019 13:59

Tgt Ion: 62 Resp: 120300

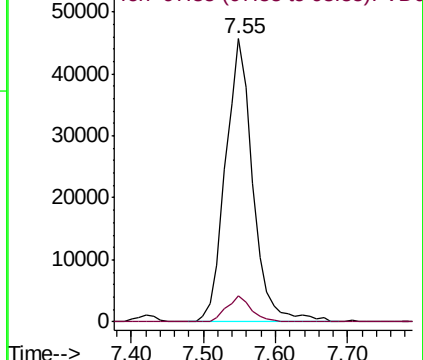
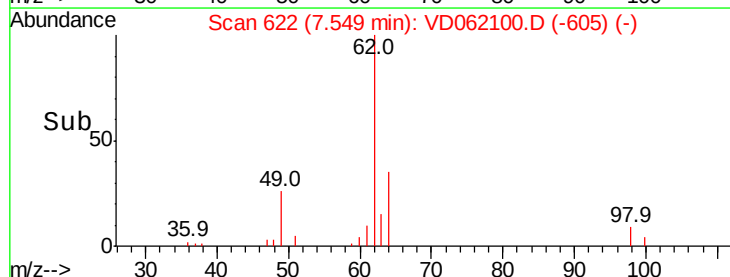
Ion Ratio Lower Upper

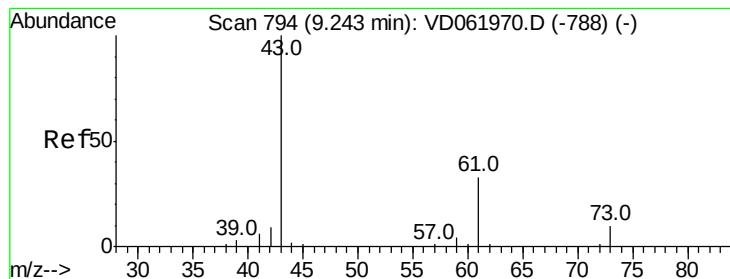
62 100

98 9.2 0.0 17.8



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





#43

Isopropyl Acetate

Concen: 16.390 ug/l

RT: 9.21 min Scan# 791

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

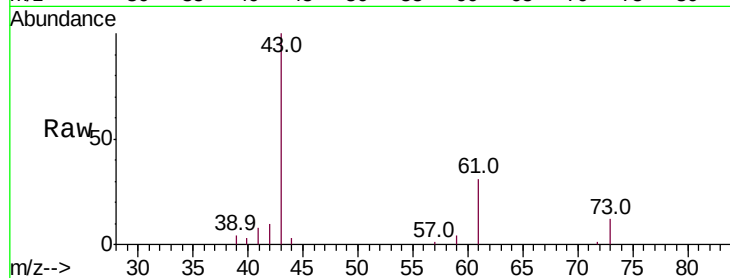
Tot Ion: 43 Resp: 72952

Ion Ratio Lower Upper

43 100

61 31.2 25.1 37.7

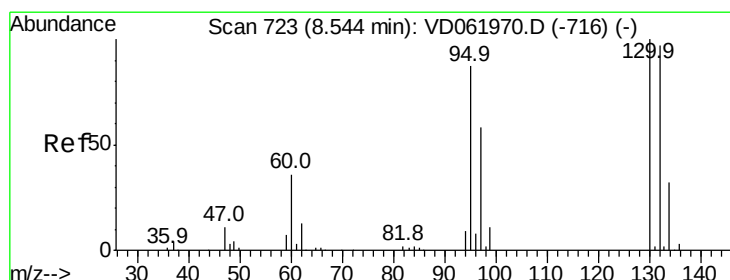
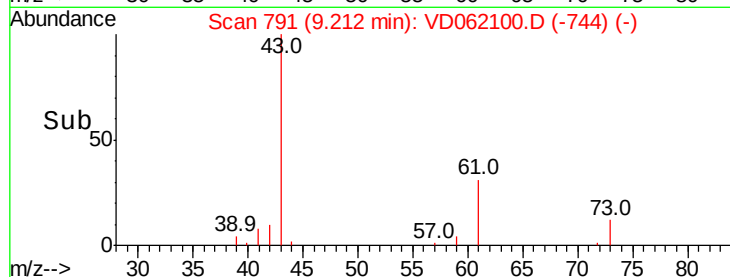
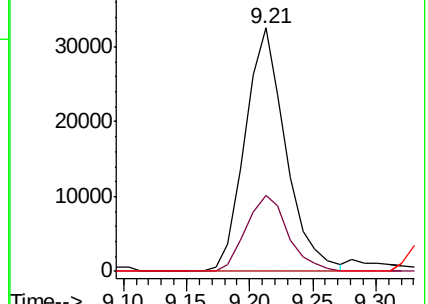
87 0.0 0.0 0.0



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: 18.425 ug/l

RT: 8.51 min Scan# 720

Delta R.T. -0.04 min

Lab File: VD062100.D

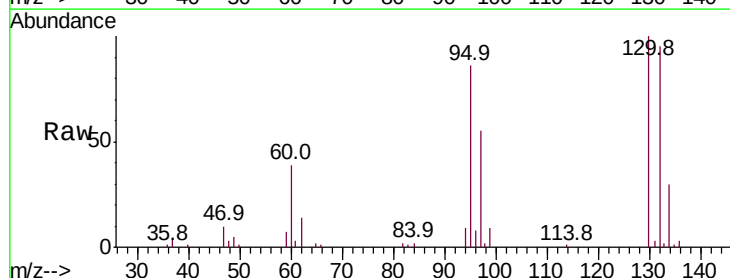
Acq: 1 May 2019 13:59

Tgt Ion:130 Resp: 126412

Ion Ratio Lower Upper

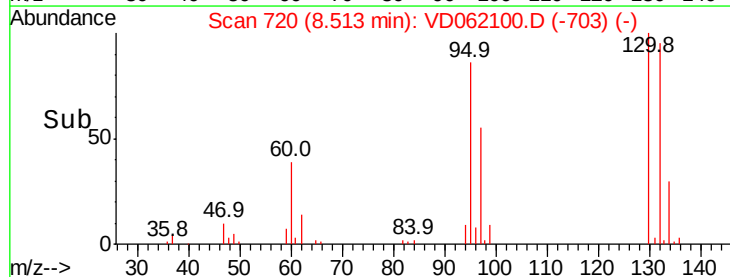
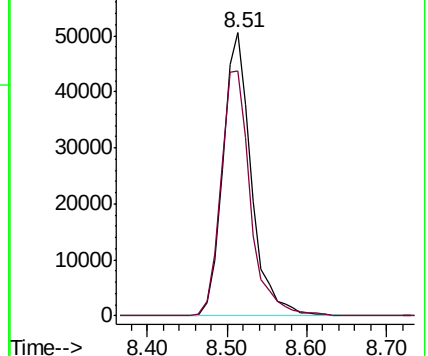
130 100

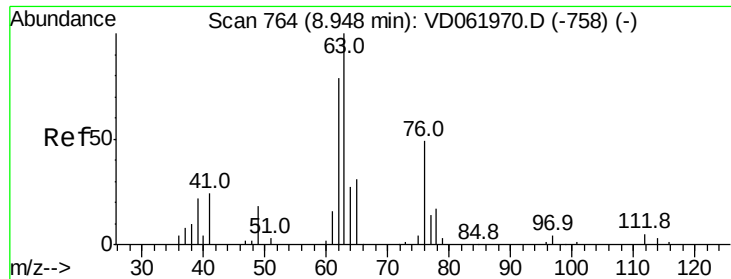
95 86.5 0.0 174.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.992 ug/l

RT: 8.91 min Scan# 760

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

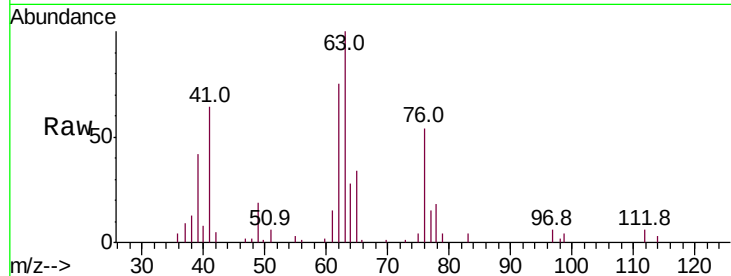
VD0501SBS01

Tot Ion: 63 Resp: 85270

Ion Ratio Lower Upper

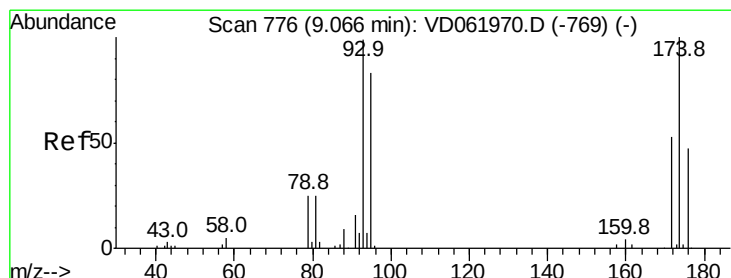
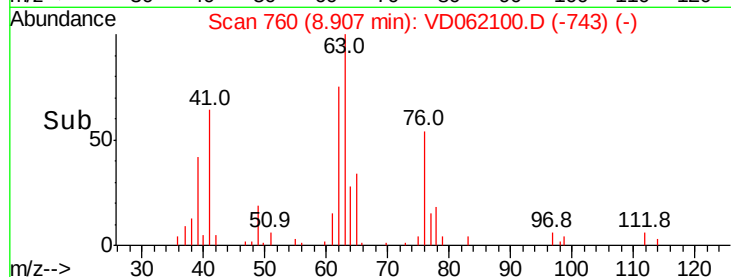
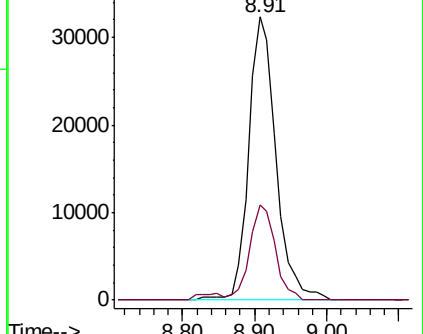
63 100

65 33.7 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 19.198 ug/l

RT: 9.04 min Scan# 773

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

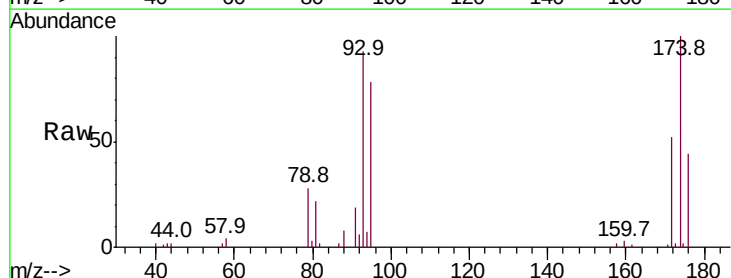
Tgt Ion: 93 Resp: 62022

Ion Ratio Lower Upper

93 100

95 84.5 64.8 97.2

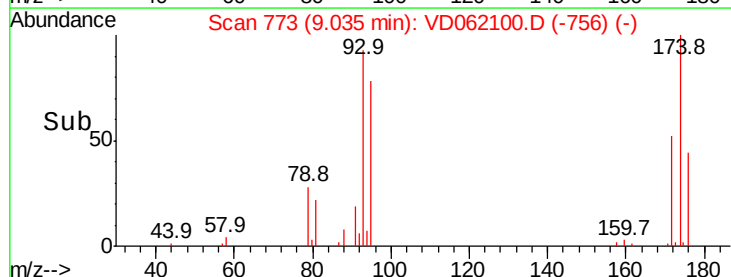
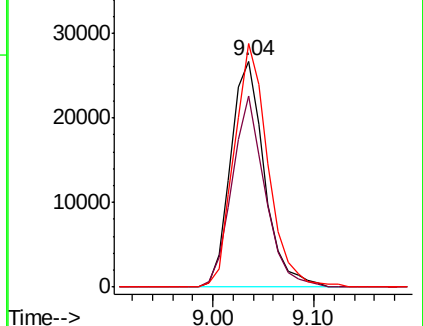
174 107.8 79.3 118.9

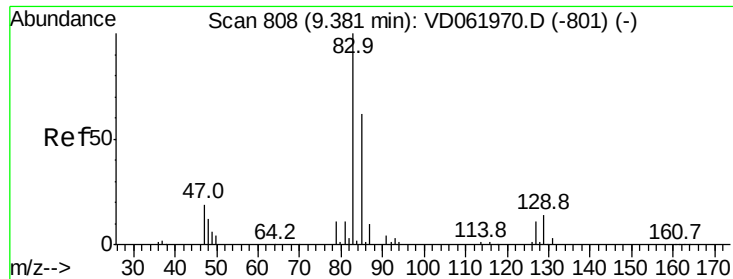


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 19.346 ug/l

RT: 9.35 min Scan# 805

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

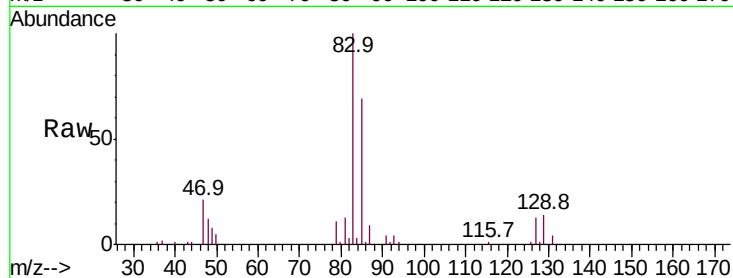
Tot Ion: 83 Resp: 147678

Ion Ratio Lower Upper

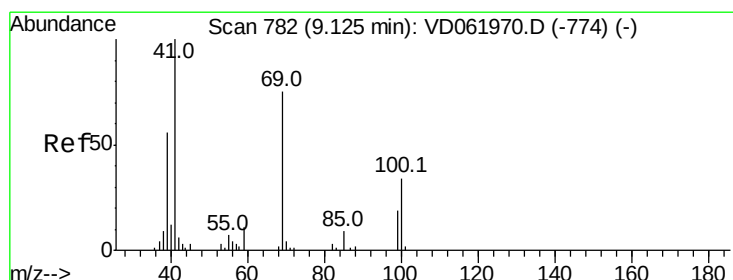
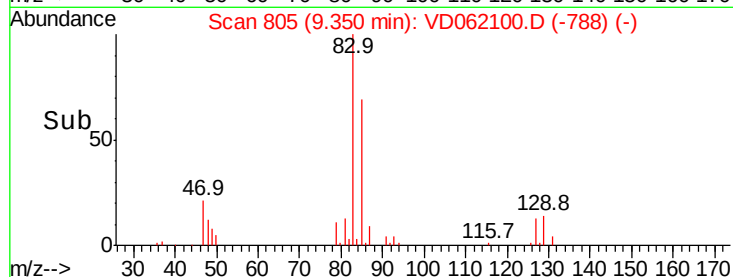
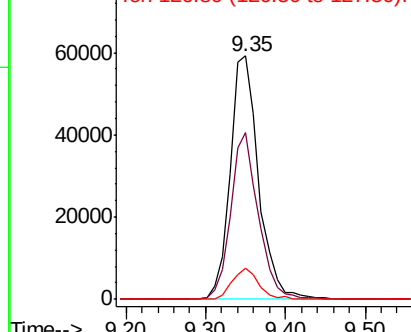
83 100

85 68.7 50.9 76.3

127 12.6 8.1 12.1#



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



#48

Methyl methacrylate

Concen: 18.887 ug/l

RT: 9.09 min Scan# 779

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

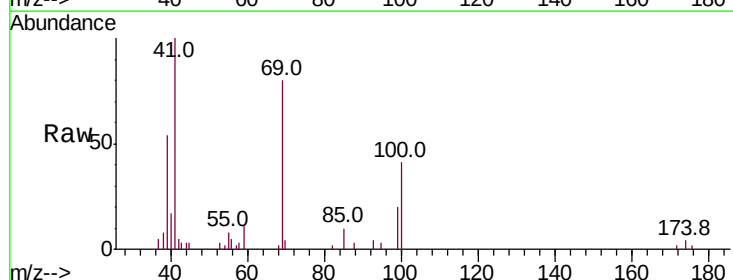
Tgt Ion: 41 Resp: 47964

Ion Ratio Lower Upper

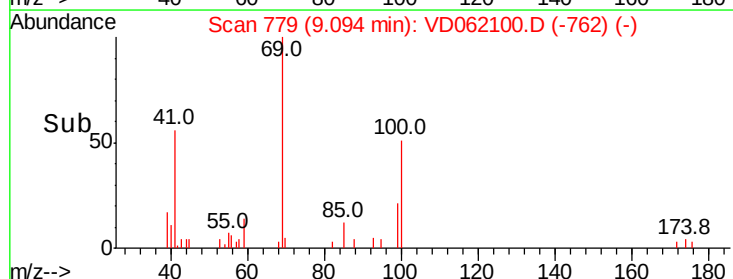
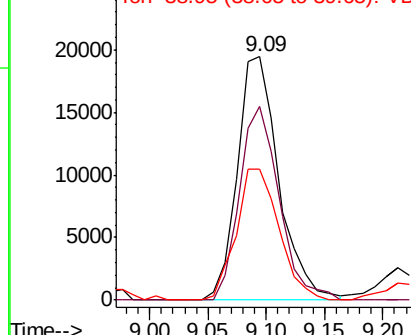
41 100

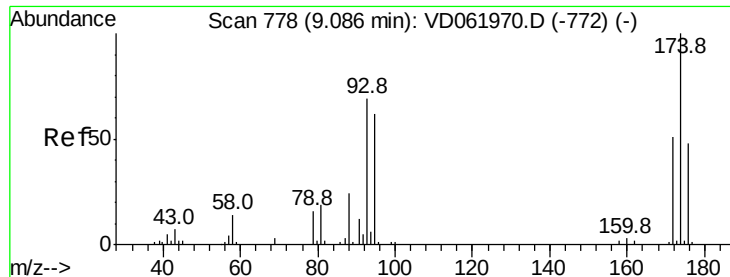
69 79.7 64.2 96.2

39 53.9 46.8 70.2



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: 364.252 ug/l

RT: 9.06 min Scan# 776

Delta R.T. -0.02 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

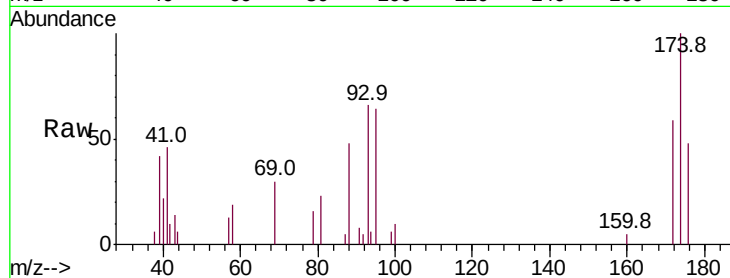
Tot Ion: 88 Resp: 9973

Ion Ratio Lower Upper

88 100

43 29.9 23.4 35.0

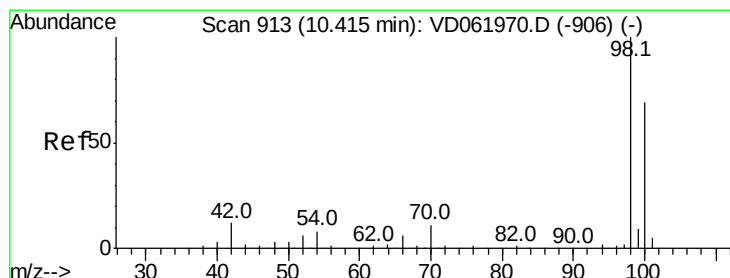
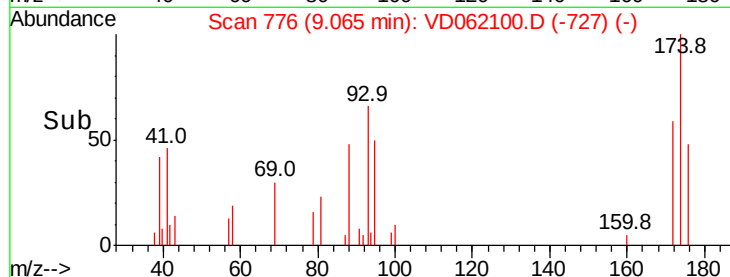
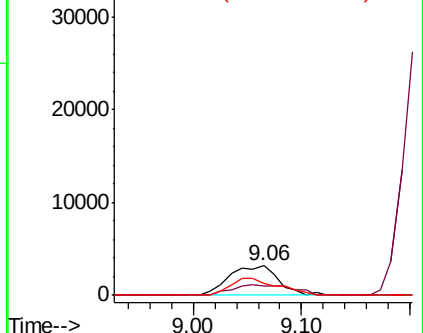
58 39.7 44.0 66.0#



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: 52.500 ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.04 min

Lab File: VD062100.D

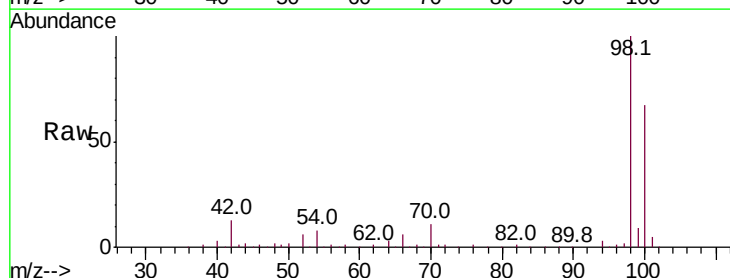
Acq: 1 May 2019 13:59

Tgt Ion: 98 Resp: 792718

Ion Ratio Lower Upper

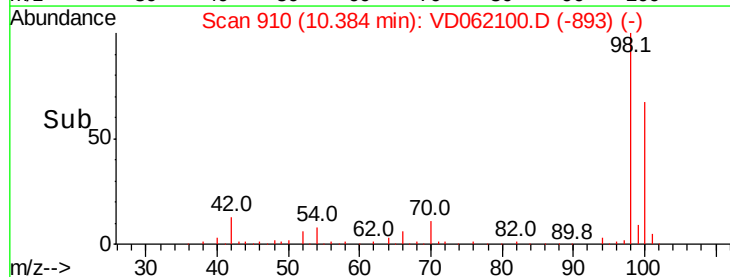
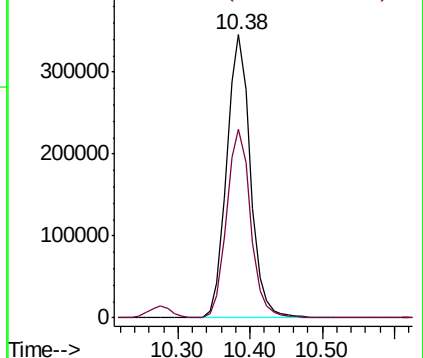
98 100

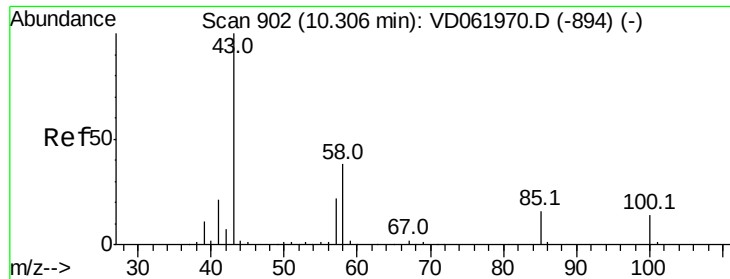
100 66.5 53.8 80.8



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: 94.814 ug/l

RT: 10.28 min Scan# 899

Delta R.T. -0.03 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

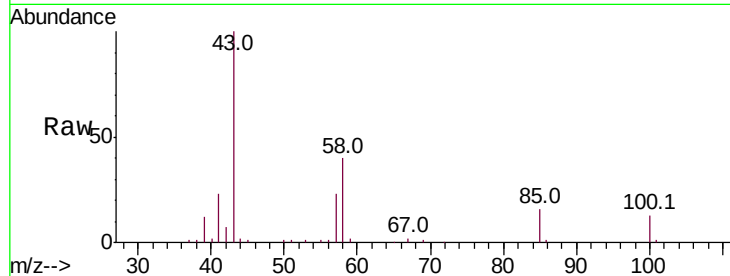
VD0501SBS01

Tot Ion: 43 Resp: 258089

Ion Ratio Lower Upper

43 100

58 39.7 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.28

120000

100000

80000

60000

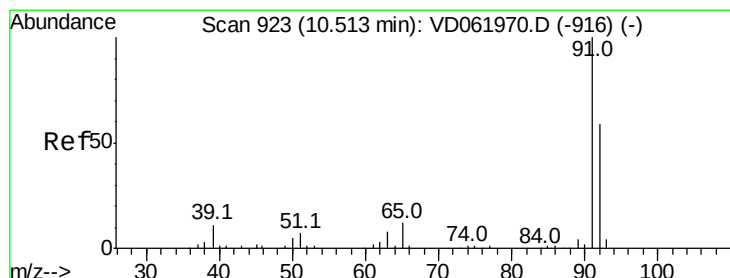
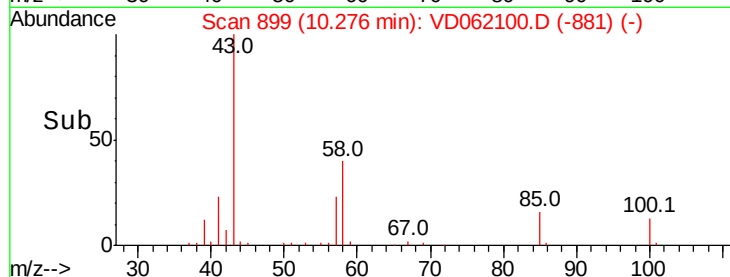
40000

20000

0

Time-->

10.20 10.30 10.40



#52

Toluene

Concen: 19.188 ug/l

RT: 10.48 min Scan# 920

Delta R.T. -0.04 min

Lab File: VD062100.D

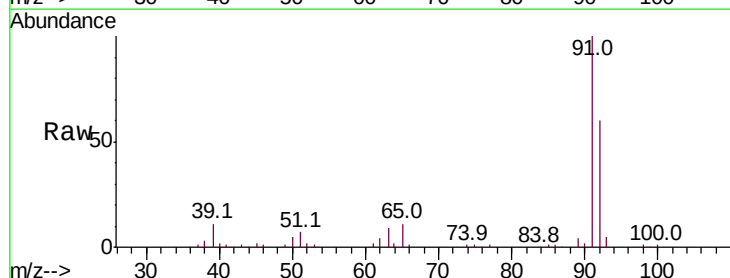
Acq: 1 May 2019 13:59

Tgt Ion: 92 Resp: 216524

Ion Ratio Lower Upper

92 100

91 168.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.48

150000

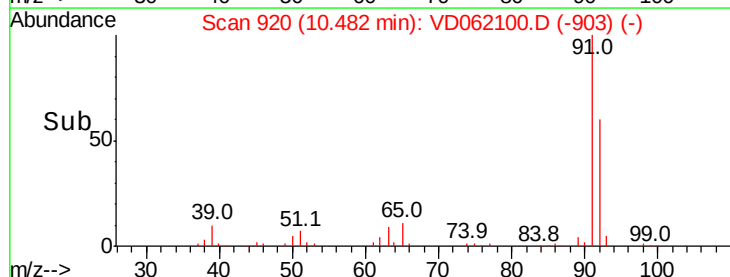
100000

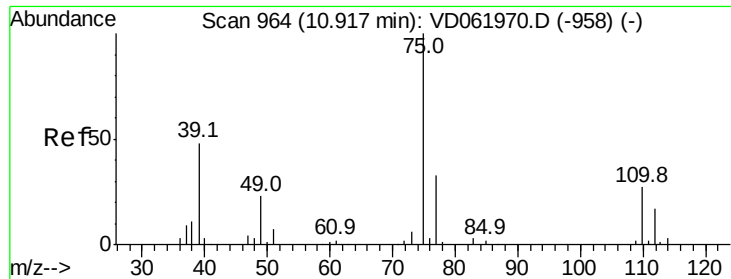
50000

0

Time-->

10.40 10.50 10.60

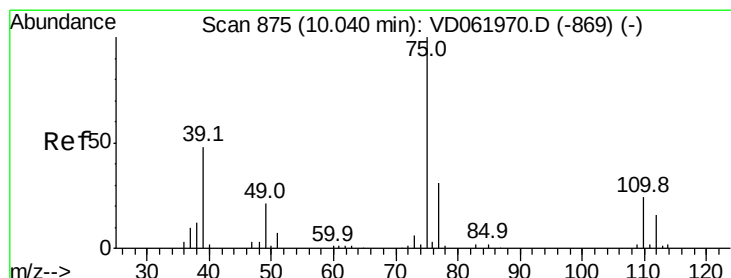
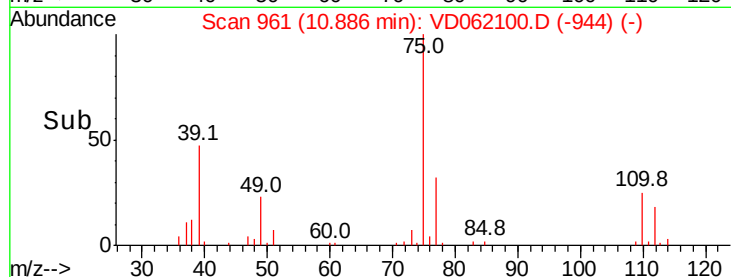
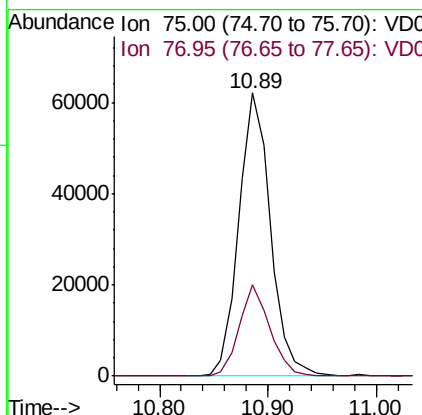
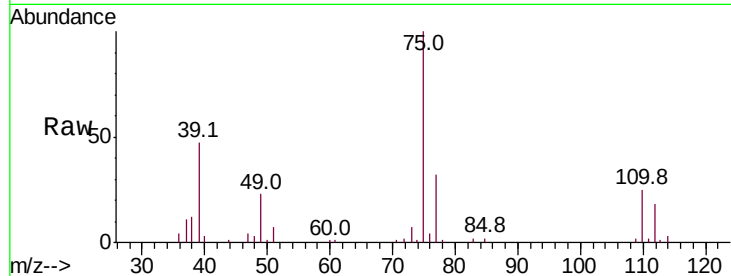




#53
 t-1,3-Dichloropropene
 Concen: 19.748 ug/l
 RT: 10.89 min Scan# 961
 Delta R.T. -0.04 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

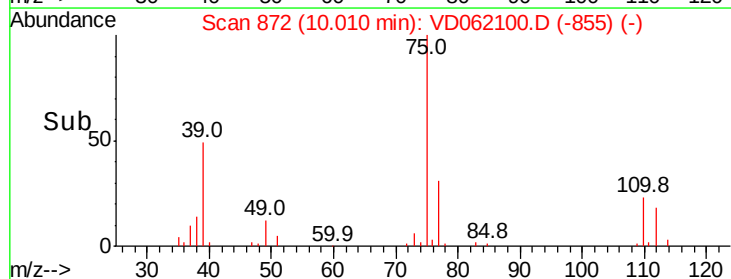
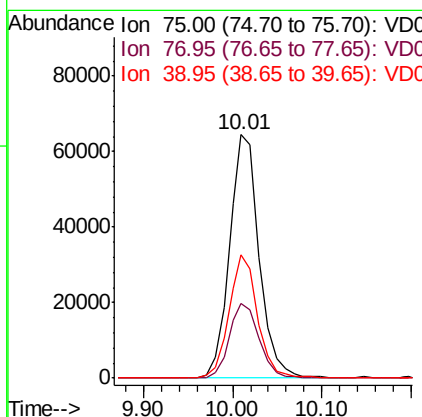
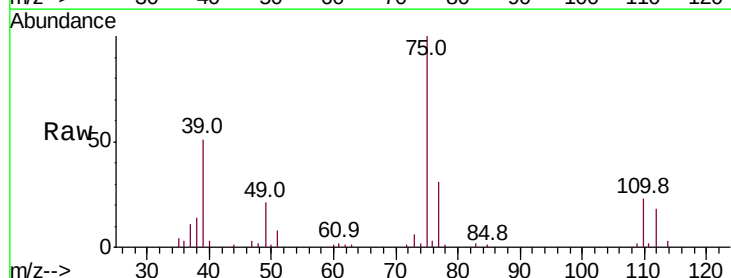
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

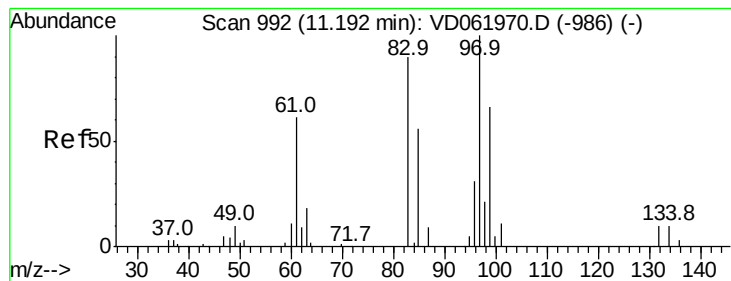
Tot Ion: 75 Resp: 126533
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.201 ug/l
 RT: 10.01 min Scan# 872
 Delta R.T. -0.04 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion: 75 Resp: 149629
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.5 38.3
 39 50.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 18.371 ug/l

RT: 11.16 min Scan# 989

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

Tot Ion: 97 Resp: 69594

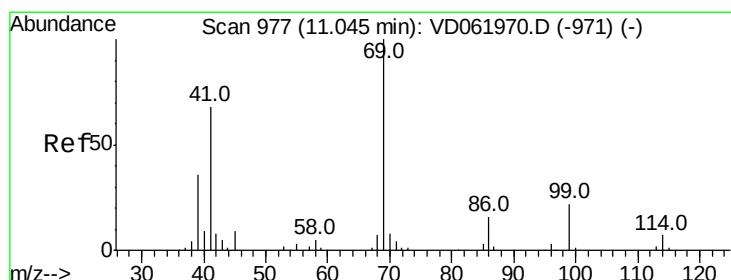
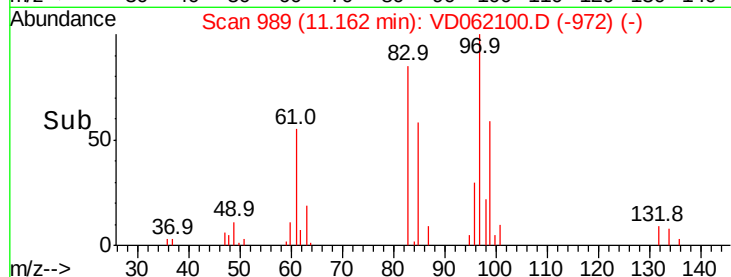
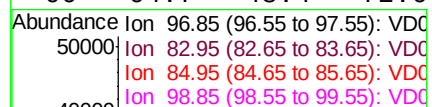
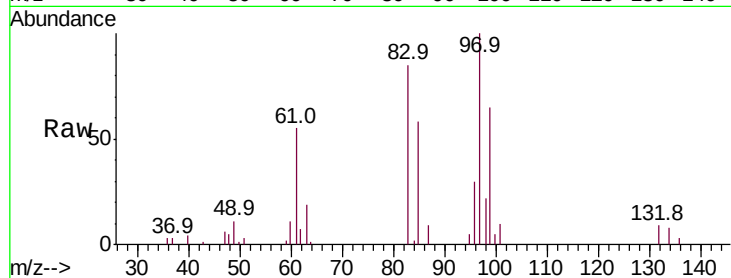
Ion Ratio Lower Upper

97 100

83 84.5 65.7 98.5

85 58.0 45.6 68.4

99 64.7 48.4 72.6



#56

Ethyl methacrylate

Concen: 18.550 ug/l

RT: 11.01 min Scan# 974

Delta R.T. -0.04 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

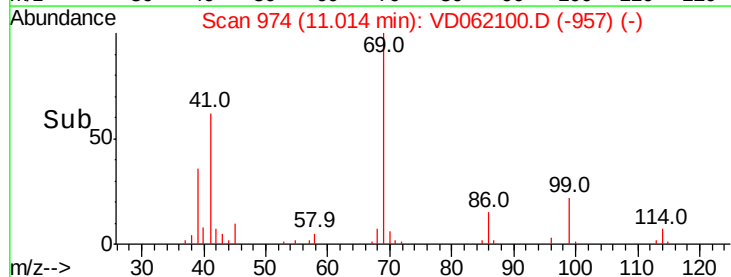
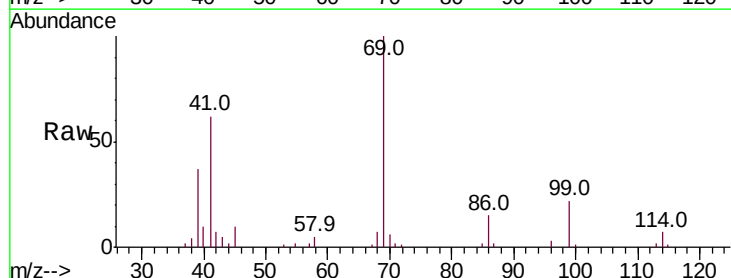
Tgt Ion: 69 Resp: 77831

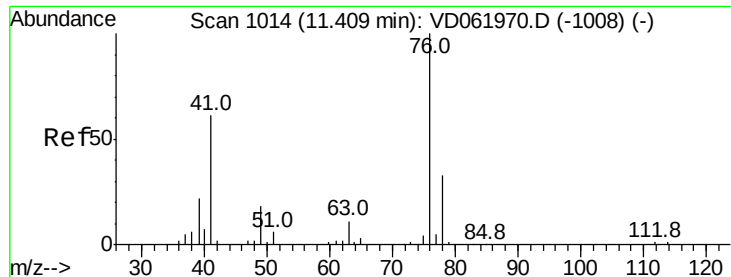
Ion Ratio Lower Upper

69 100

41 62.1 56.3 84.5

39 37.0 29.4 44.2





#57

1,3-Dichloropropane

Concen: 17.933 ug/l

RT: 11.39 min Scan# 1012

Delta R.T. -0.03 min

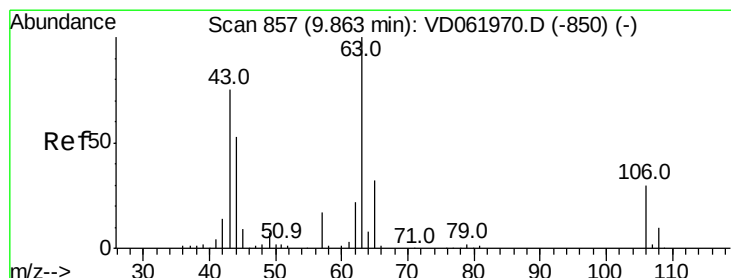
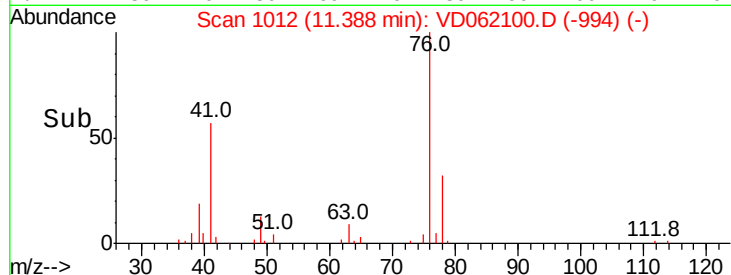
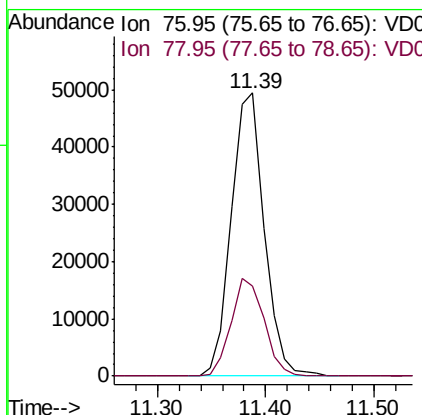
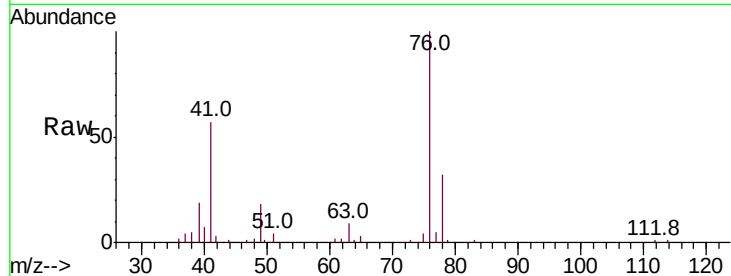
Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

Tot Ion: 76 Resp: 104929

Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 126.057 ug/l

RT: 9.83 min Scan# 854

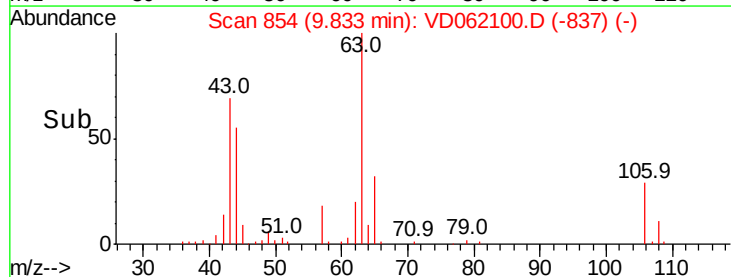
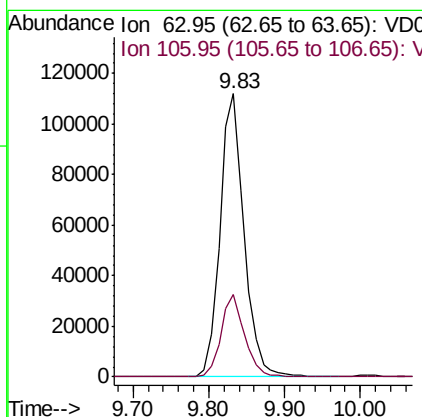
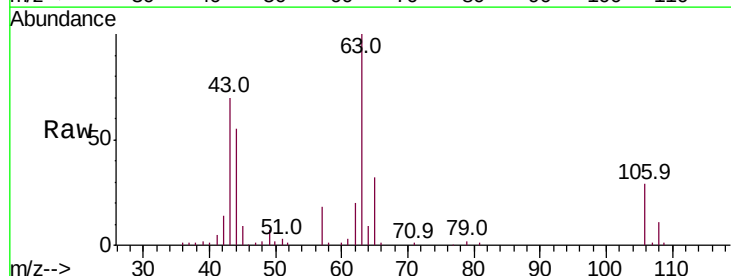
Delta R.T. -0.04 min

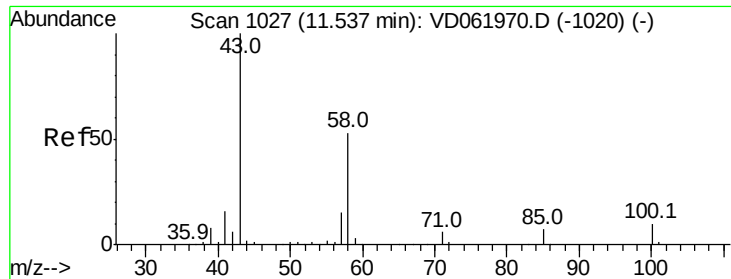
Lab File: VD062100.D

Acq: 1 May 2019 13:59

Tgt Ion: 63 Resp: 245900

Ion	Ratio	Lower	Upper
63	100		
106	29.0	22.6	34.0

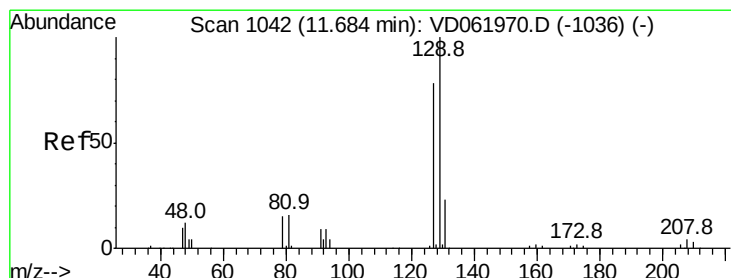
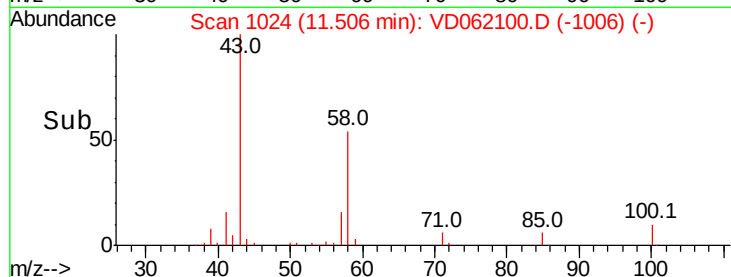
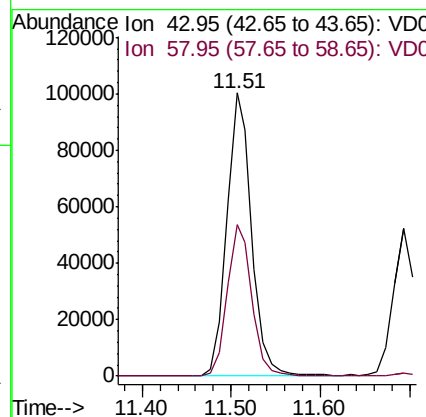
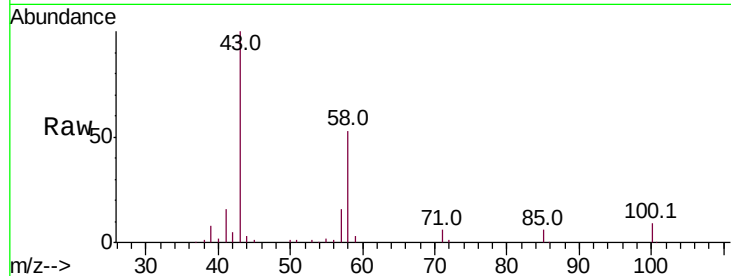




#59
2-Hexanone
Concen: 96.149 ug/l
RT: 11.51 min Scan# 1024
Delta R.T. -0.03 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

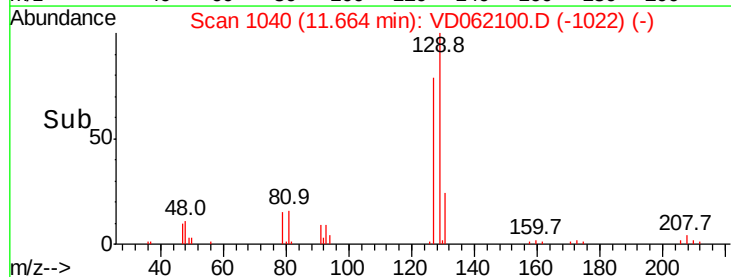
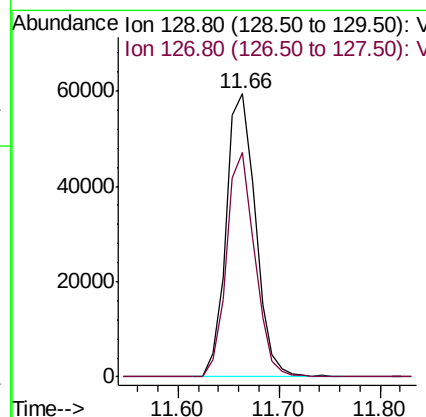
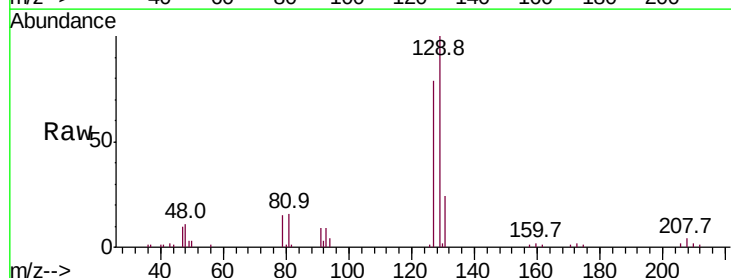
Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

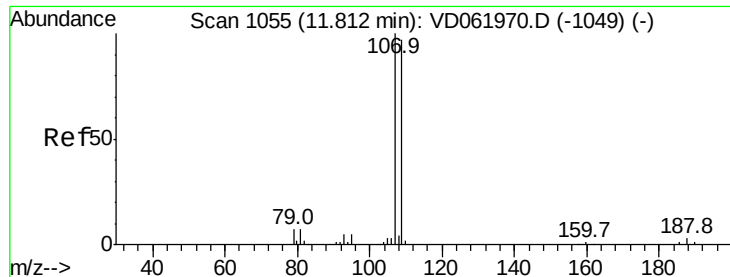
Tot Ion: 43 Resp: 196330
Ion Ratio Lower Upper
43 100
58 53.4 25.4 76.4



#60
Dibromochloromethane
Concen: 19.207 ug/l
RT: 11.66 min Scan# 1040
Delta R.T. -0.03 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion: 129 Resp: 120397
Ion Ratio Lower Upper
129 100
127 79.1 38.0 113.9

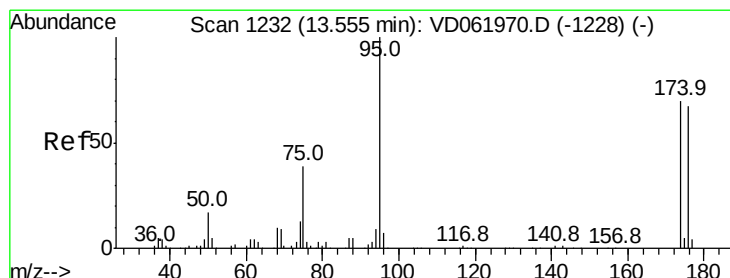
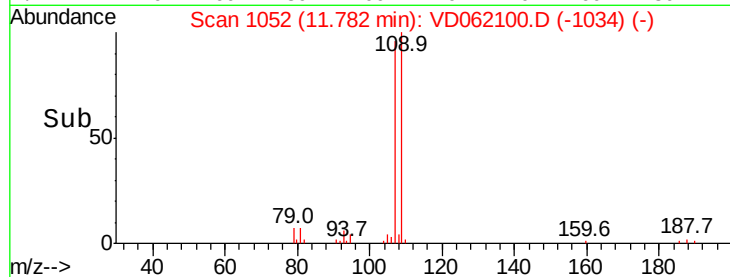
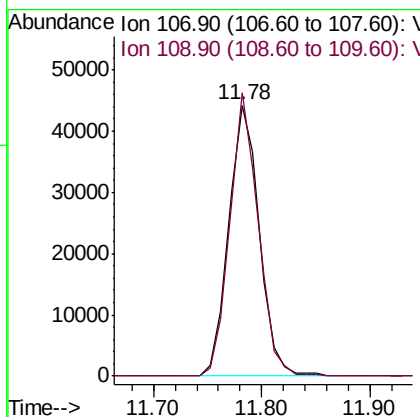
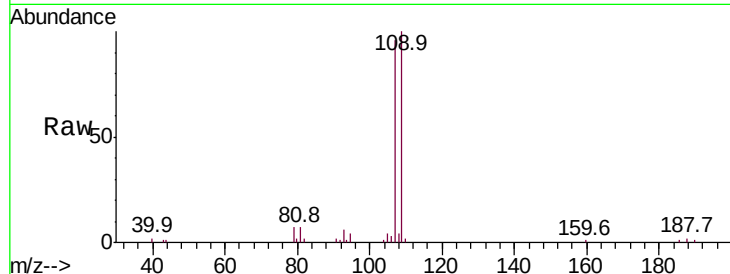




#61
 1,2-Dibromoethane
 Concen: 19.249 ug/l
 RT: 11.78 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

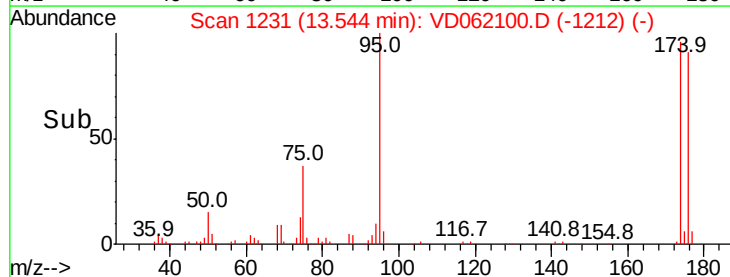
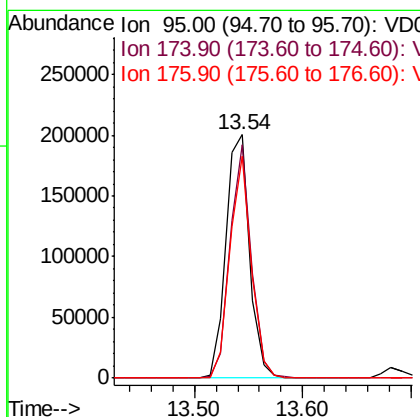
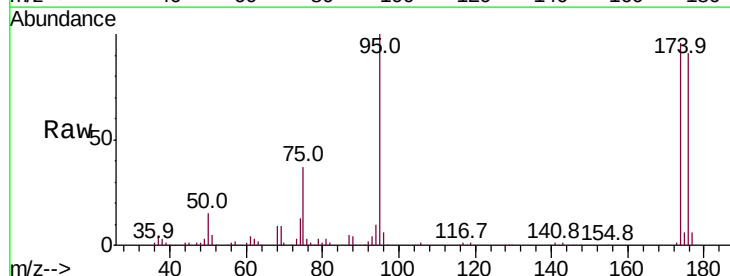
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

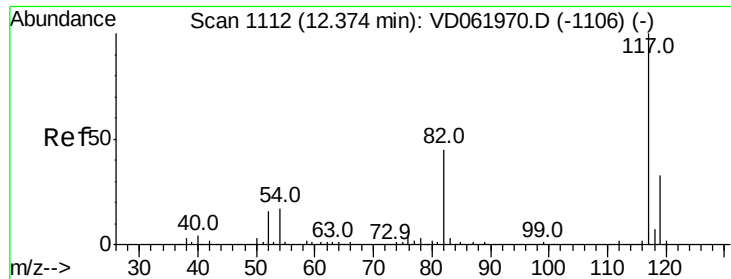
Tot Ion:107 Resp: 86503
 Ion Ratio Lower Upper
 107 100
 109 104.6 78.3 117.5



#62
 4-Bromofluorobenzene
 Concen: 50.338 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion: 95 Resp: 304858
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 181.8
 176 91.3 0.0 174.4

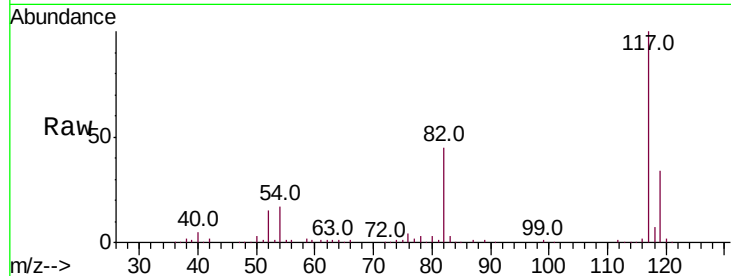




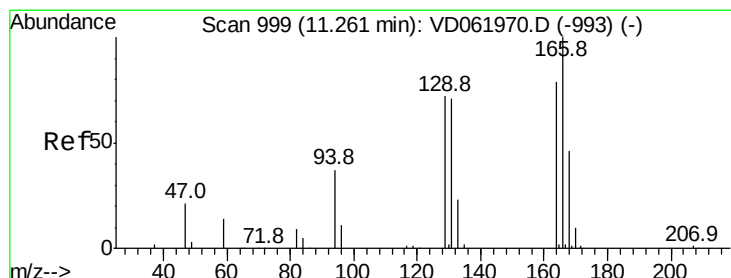
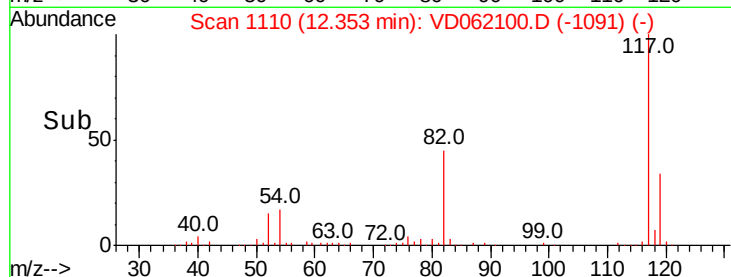
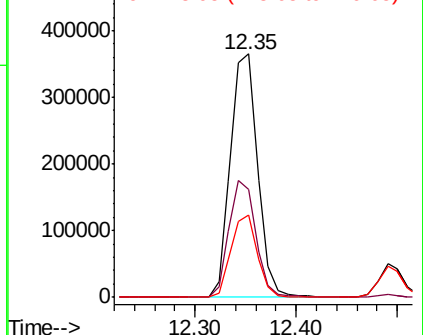
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

Tot Ion:117 Resp: 685616
Ion Ratio Lower Upper
117 100
82 44.5 36.2 54.2
119 33.7 26.2 39.4

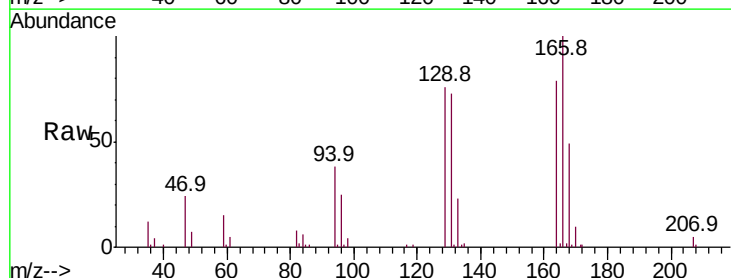


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

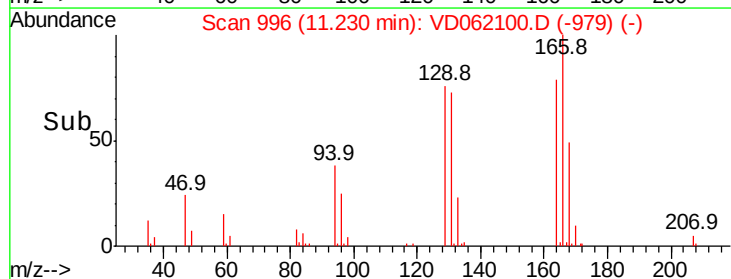
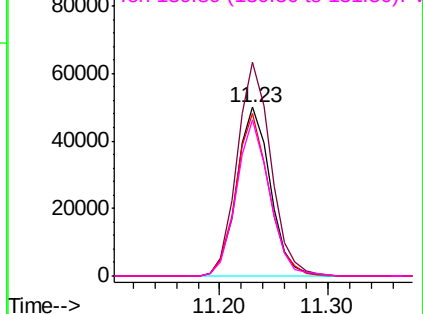


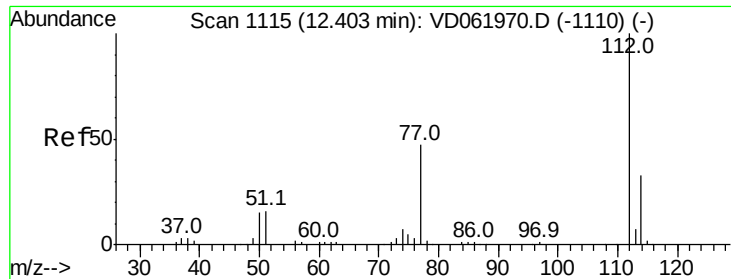
#64
Tetrachloroethene
Concen: 22.025 ug/l
RT: 11.23 min Scan# 996
Delta R.T. -0.04 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion:164 Resp: 107724
Ion Ratio Lower Upper
164 100
166 126.6 101.5 152.3
129 96.7 74.6 112.0
131 92.4 72.6 108.8



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

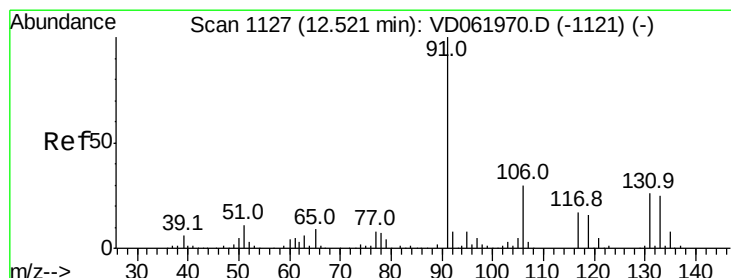
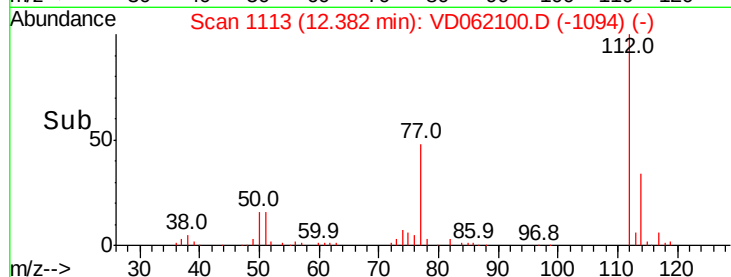
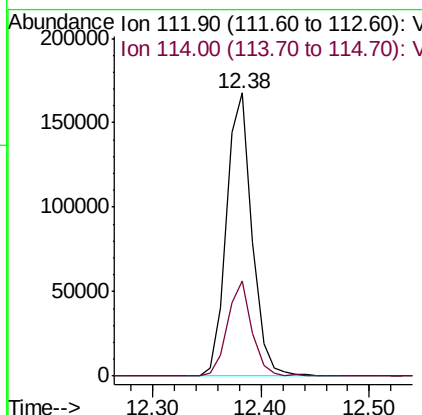
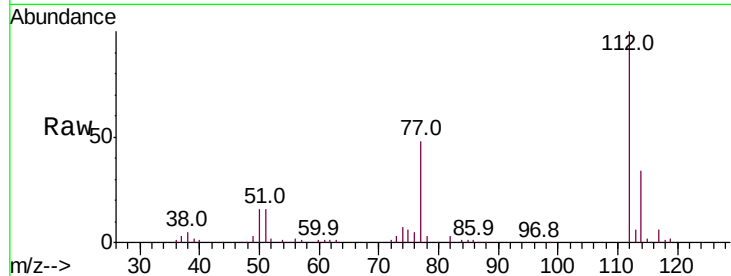




#65
Chlorobenzene
Concen: 21.219 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

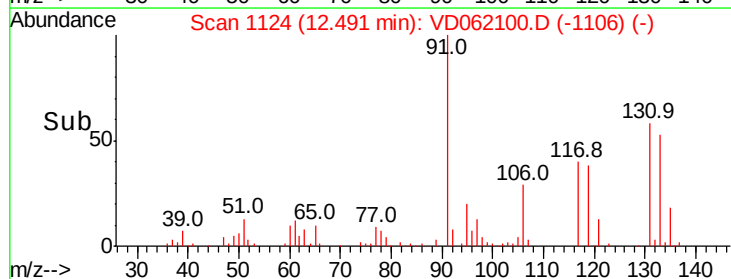
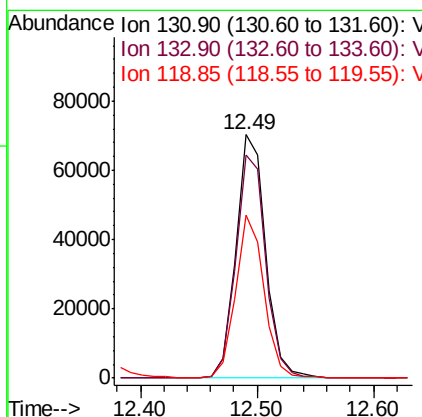
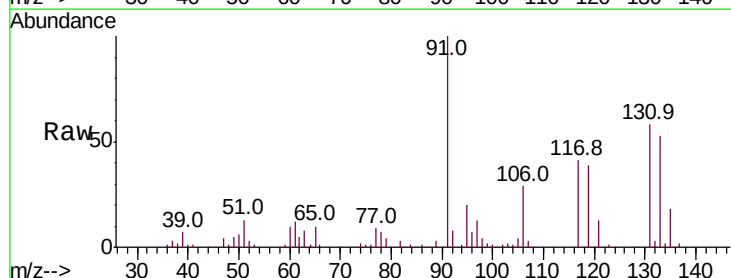
Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

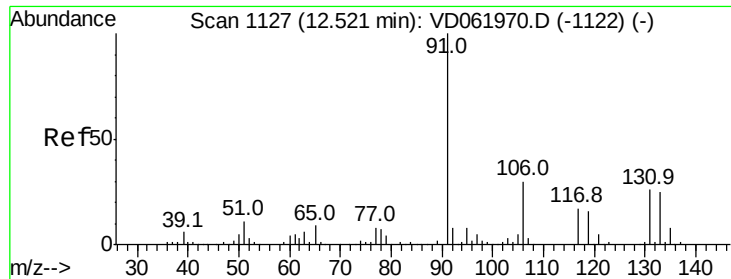
Tot Ion:112 Resp: 274902
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.349 ug/l
RT: 12.49 min Scan# 1124
Delta R.T. -0.03 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion:131 Resp: 122821
Ion Ratio Lower Upper
131 100
133 91.8 48.6 145.8
119 66.9 34.7 104.1

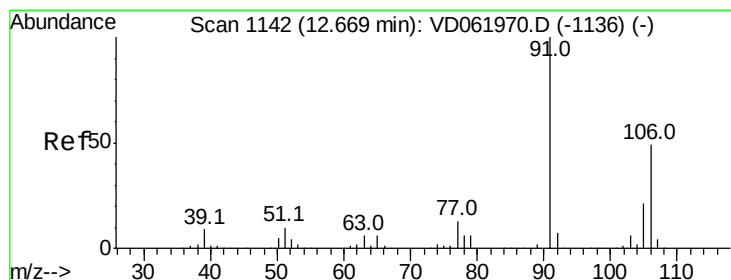
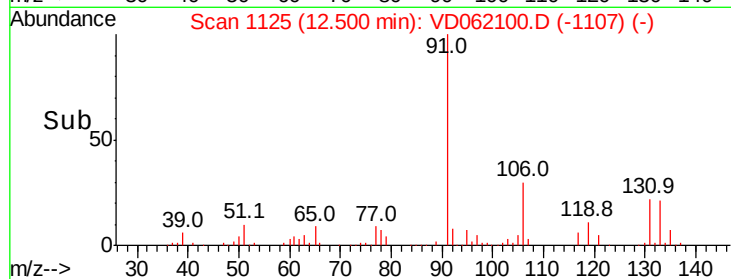
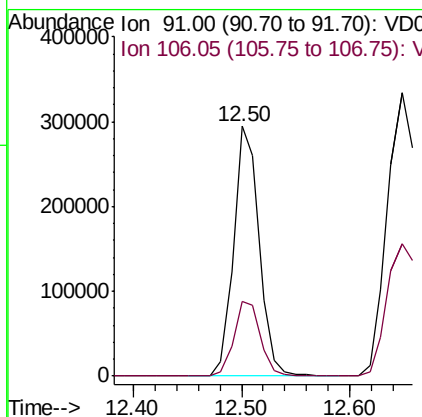
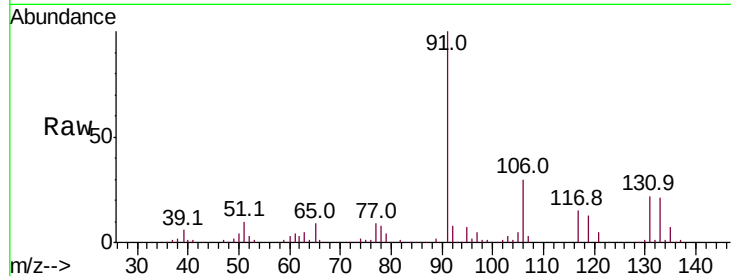




#67
Ethyl Benzene
Concen: 22.685 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.03 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

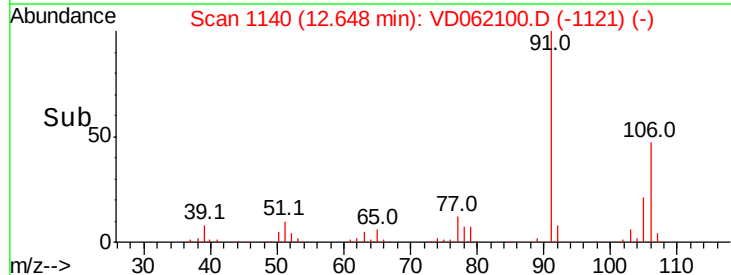
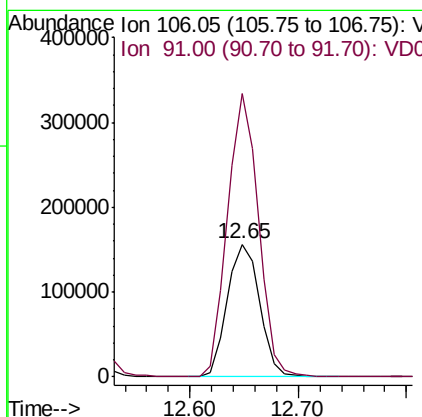
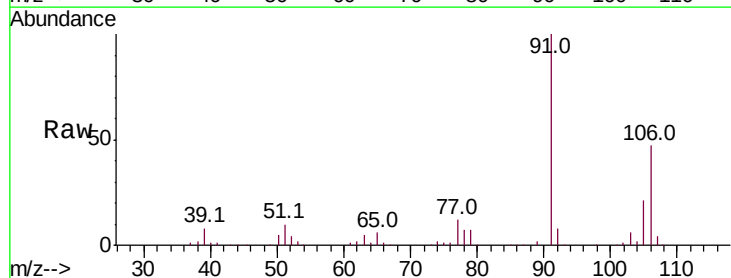
Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

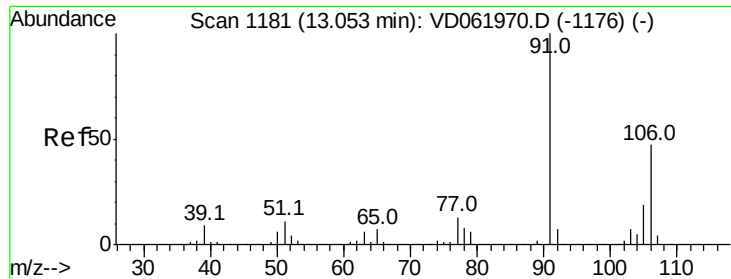
Tot Ion: 91 Resp: 479700
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1



#68
m/p-Xylenes
Concen: 42.526 ug/l
RT: 12.65 min Scan# 1140
Delta R.T. -0.02 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion: 106 Resp: 325015
Ion Ratio Lower Upper
106 100
91 213.4 164.0 246.0

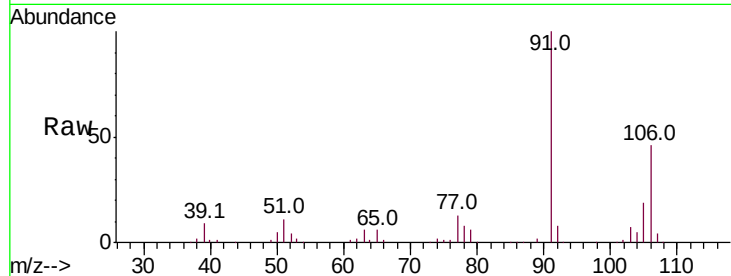




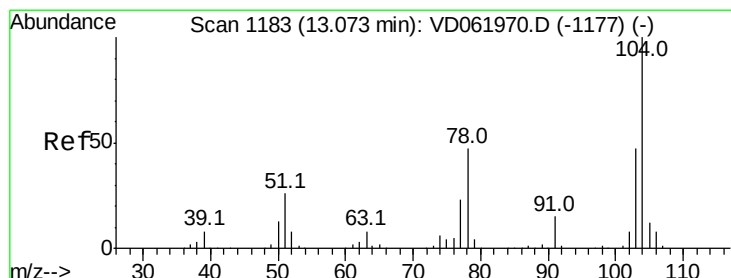
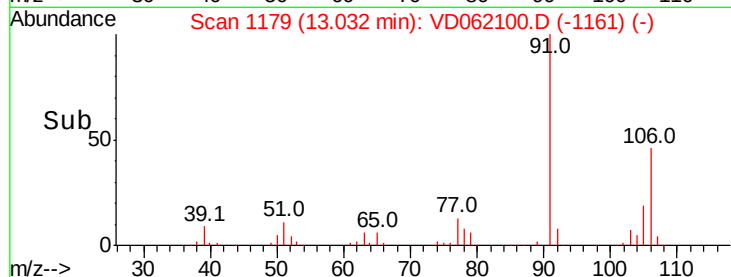
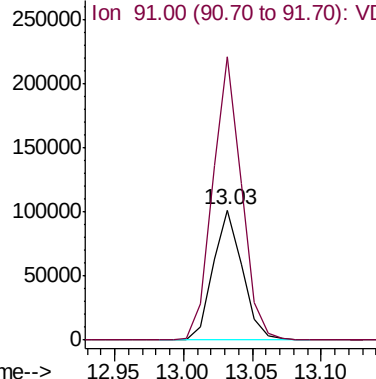
#69
o-Xylene
Concen: 21.622 ug/l
RT: 13.03 min Scan# 1179
Delta R.T. -0.03 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

Tot Ion:106 Resp: 151198
Ion Ratio Lower Upper
106 100
91 217.5 106.7 319.9

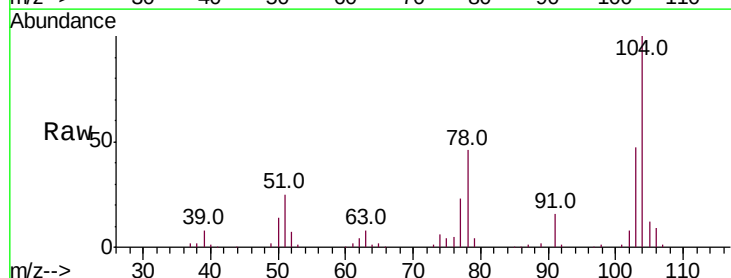


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

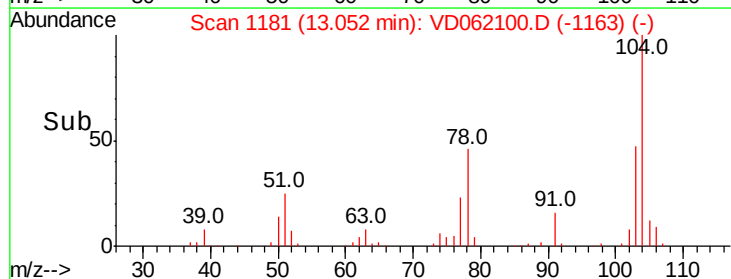
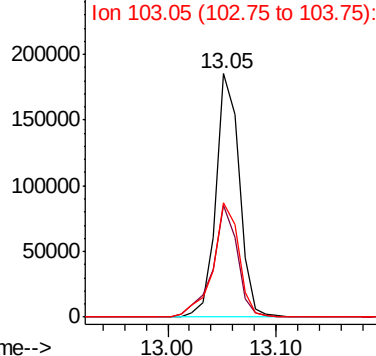


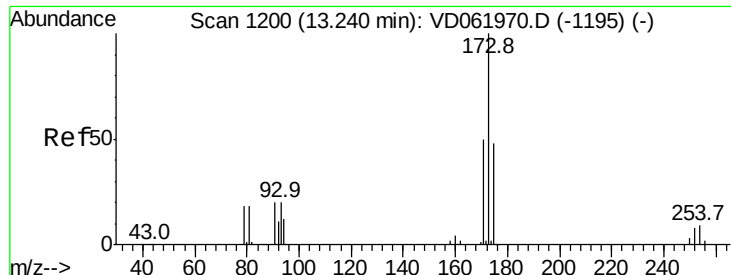
#70
Styrene
Concen: 23.017 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.03 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion:104 Resp: 277918
Ion Ratio Lower Upper
104 100
78 45.8 35.4 53.2
103 46.9 37.5 56.3



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

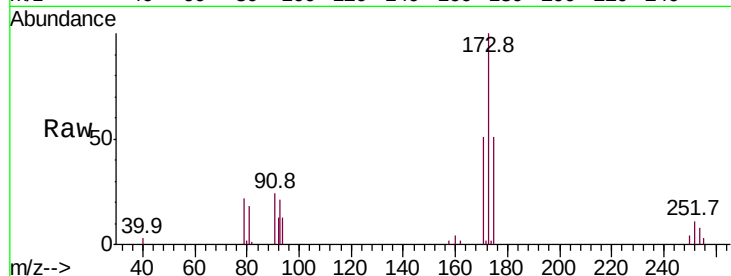




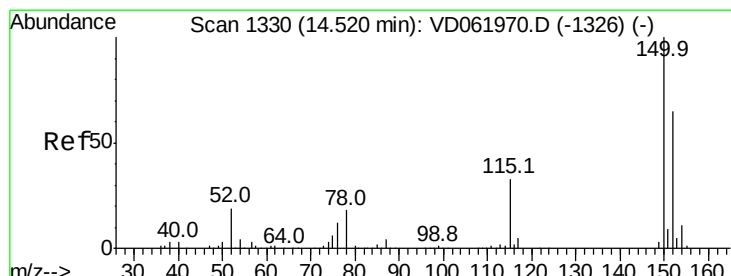
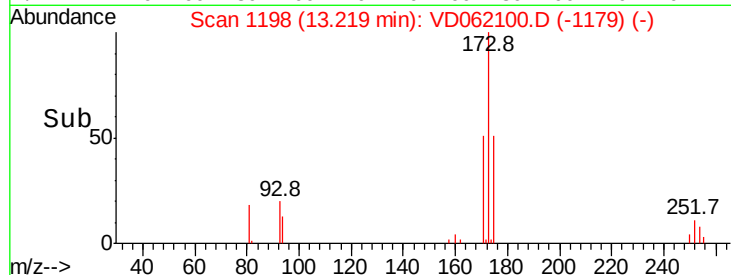
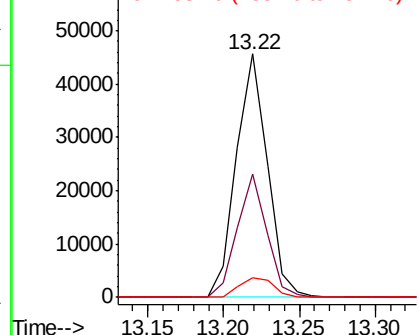
#71
Bromoform
Concen: 20.748 ug/l
RT: 13.22 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

Tot Ion:173 Resp: 65005
Ion Ratio Lower Upper
173 100
175 50.6 24.4 73.4
254 8.1 5.4 8.2

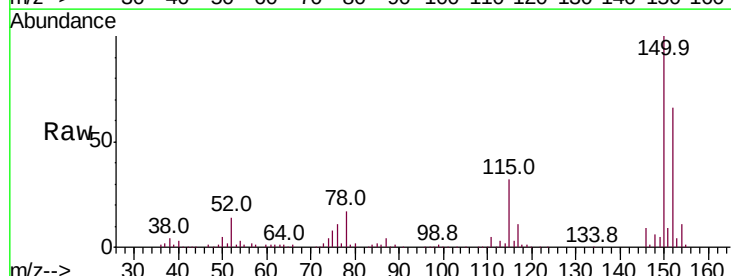


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

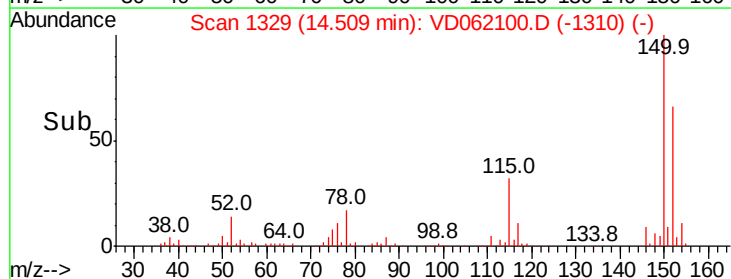
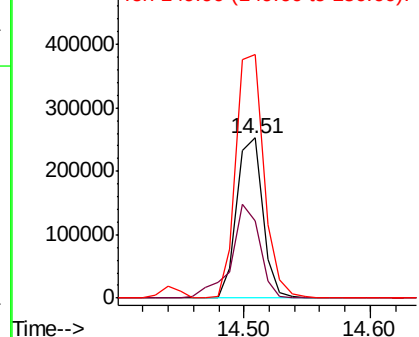


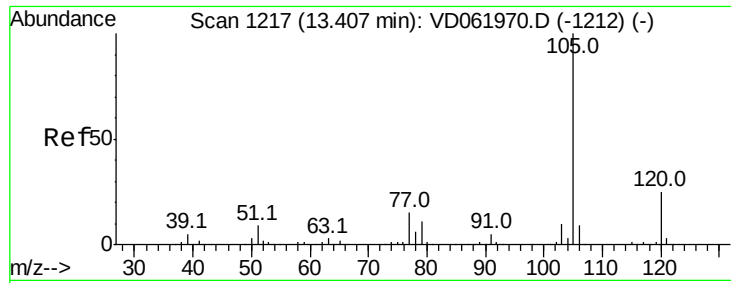
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion:152 Resp: 357966
Ion Ratio Lower Upper
152 100
115 48.5 30.9 92.7
150 152.3 0.0 314.8



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





#73

Isopropylbenzene

Concen: 17.293 ug/l

RT: 13.39 min Scan# 1215

Delta R.T. -0.02 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

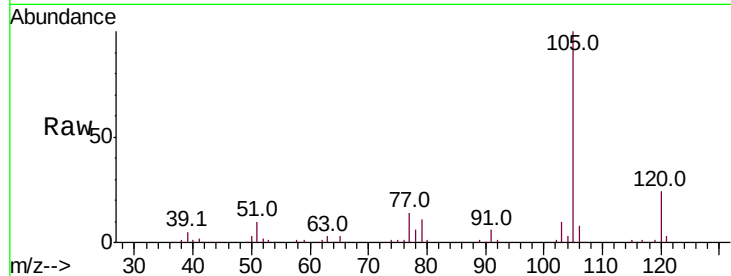
VD0501SBS01

Tot Ion:105 Resp: 412940

Ion Ratio Lower Upper

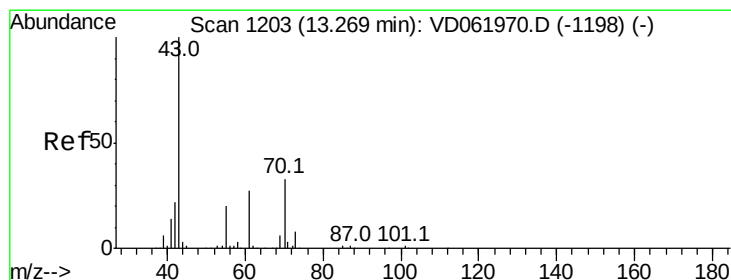
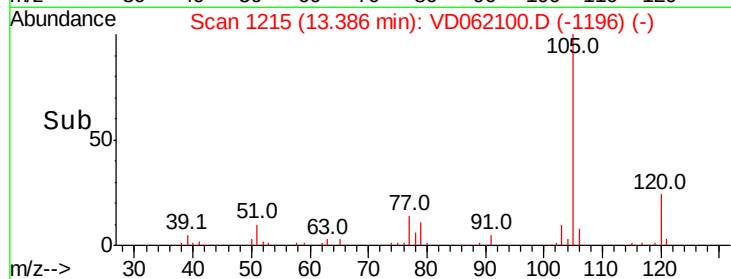
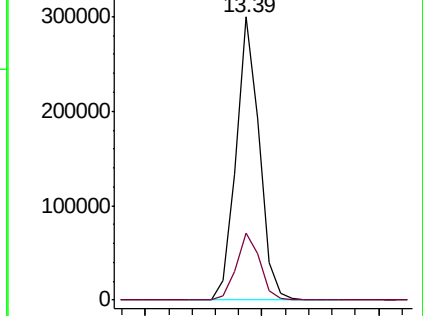
105 100

120 23.5 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 17.416 ug/l

RT: 13.25 min Scan# 1201

Delta R.T. -0.02 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Tgt Ion: 43 Resp: 107104

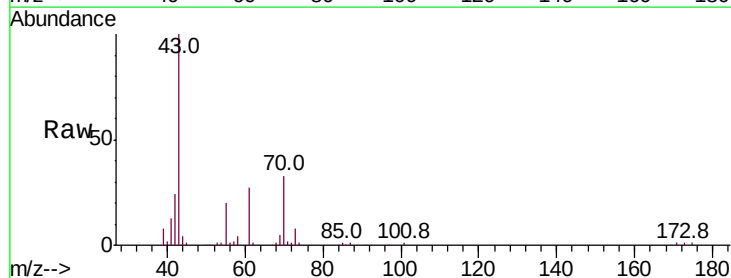
Ion Ratio Lower Upper

43 100

70 32.6 24.2 36.4

55 19.6 16.0 24.0

61 27.1 21.6 32.4

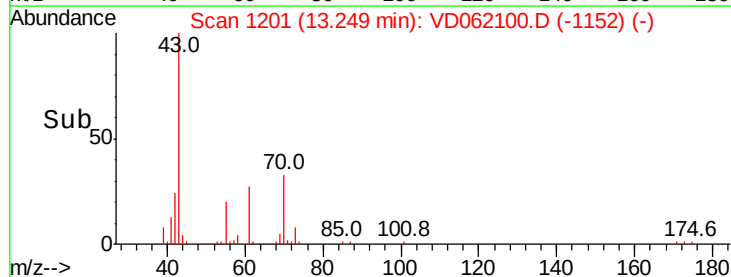
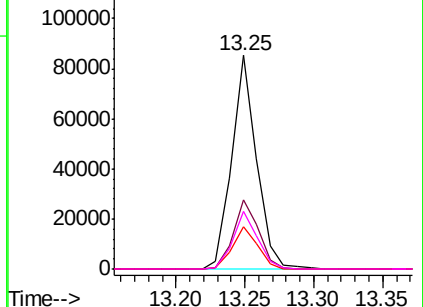


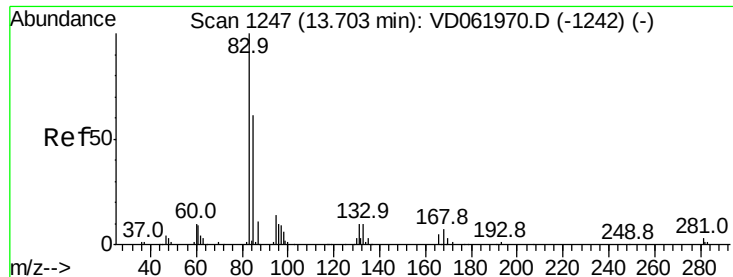
Abundance Ion 42.95 (42.65 to 43.65): V

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: 17.573 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. -0.02 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

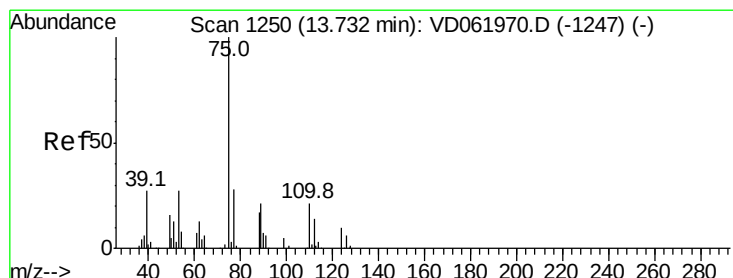
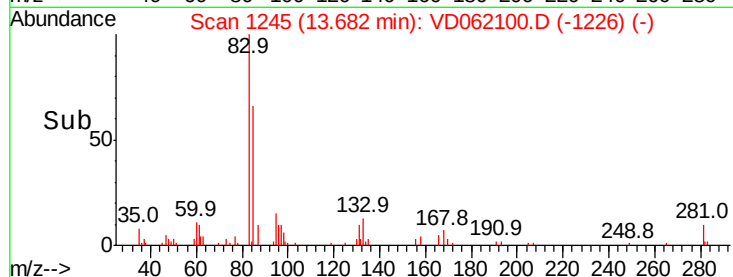
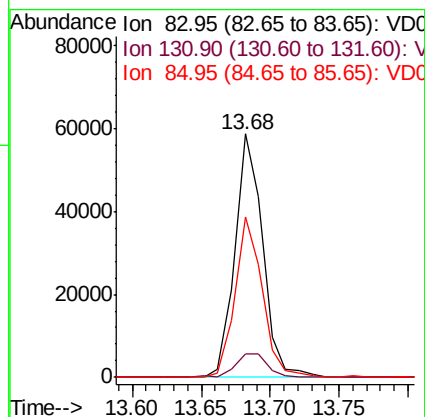
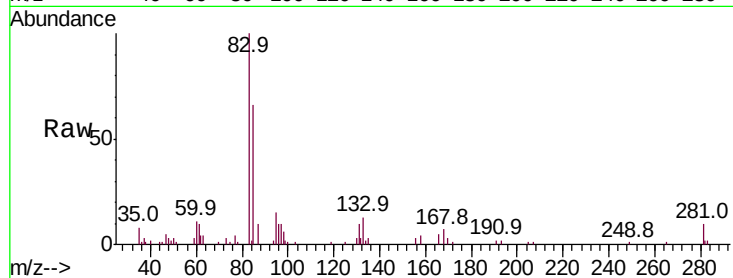
Tot Ion: 83 Resp: 82229

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	65.9	32.6	97.7

83 100

131 9.9 5.0 14.9

85 65.9 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 18.921 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.02 min

Lab File: VD062100.D

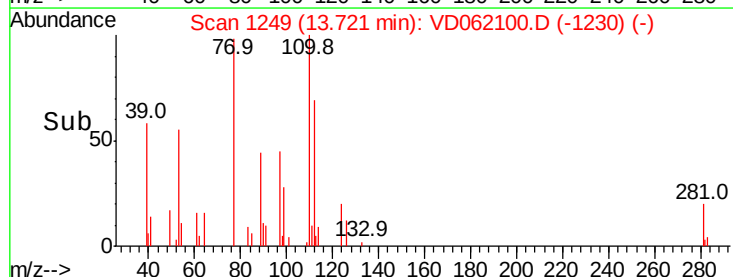
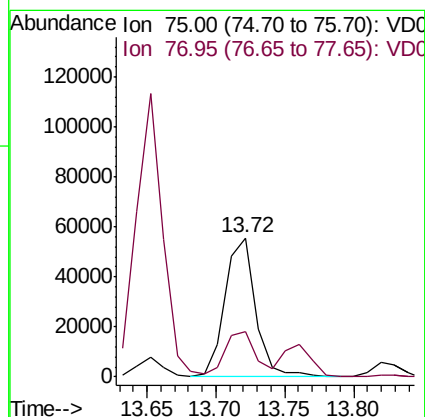
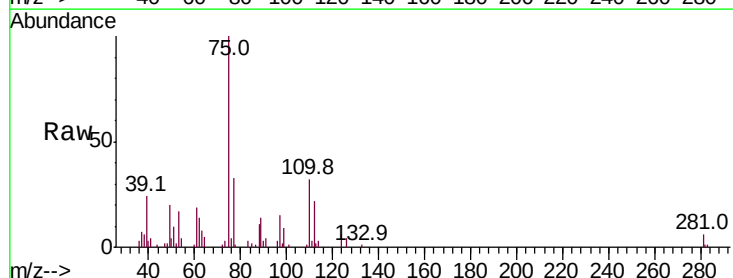
Acq: 1 May 2019 13:59

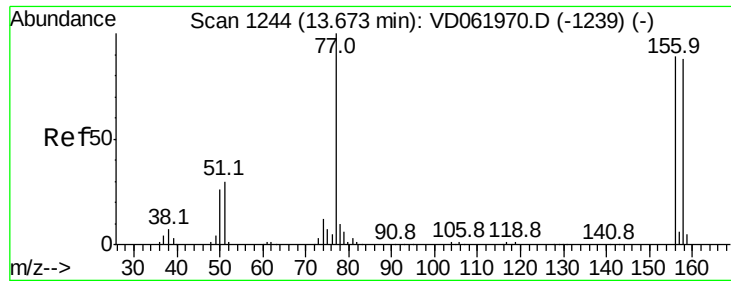
Tgt Ion: 75 Resp: 86007

Ion	Ratio	Lower	Upper
75	100		
77	32.7	16.4	49.4

75 100

77 32.7 16.4 49.4





#77

Bromobenzene

Concen: 18.776 ug/l

RT: 13.65 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

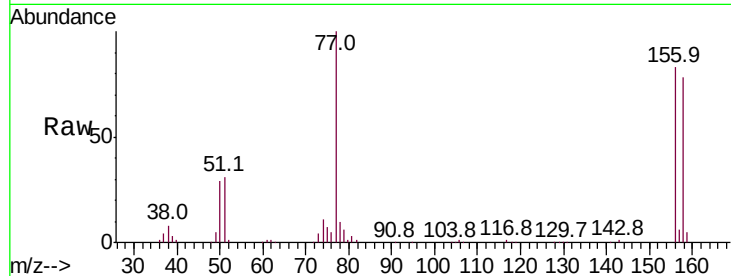
Tot Ion:156 Resp: 128619

Ion Ratio Lower Upper

156 100

77 120.9 53.1 159.4

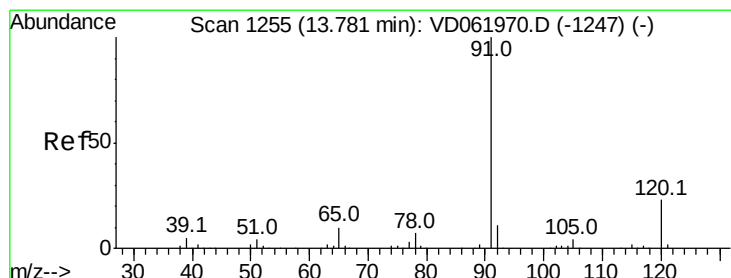
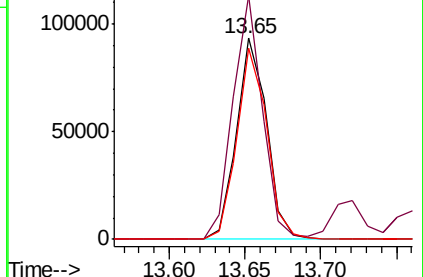
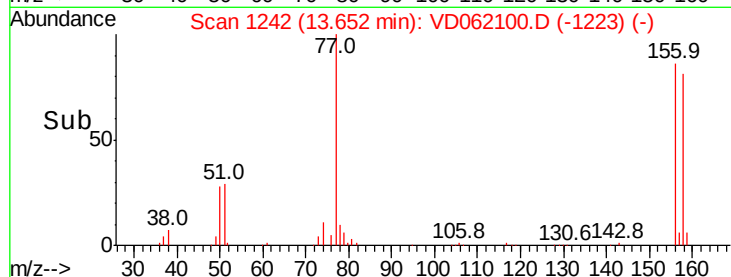
158 94.7 49.4 148.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 18.605 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.02 min

Lab File: VD062100.D

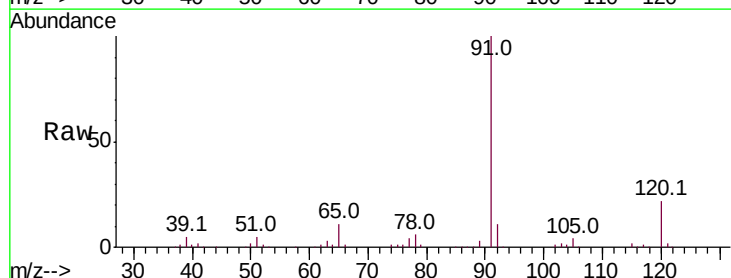
Acq: 1 May 2019 13:59

Tgt Ion: 91 Resp: 508575

Ion Ratio Lower Upper

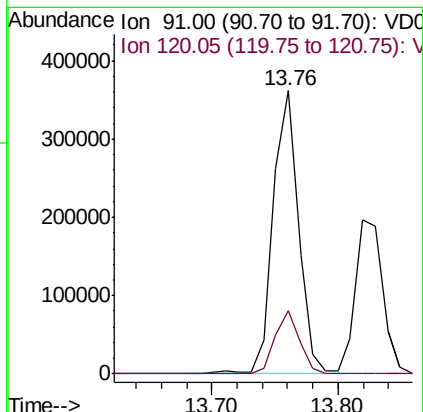
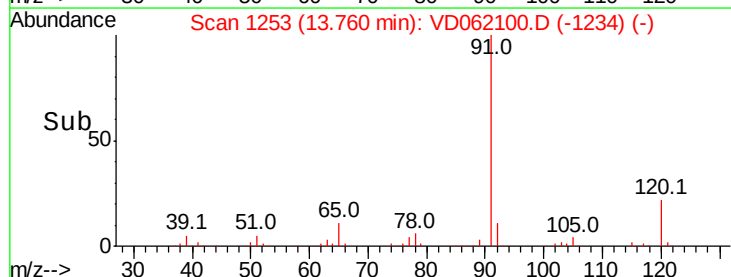
91 100

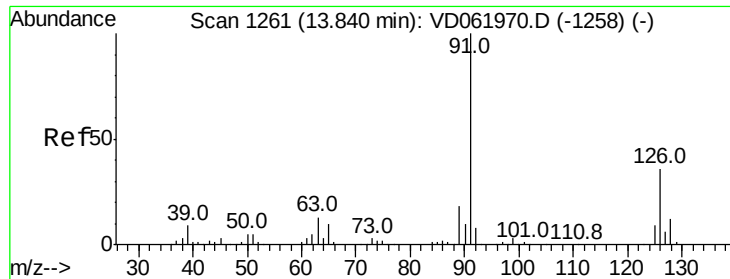
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 17.619 ug/l

RT: 13.82 min Scan# 1259

Delta R.T. -0.03 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

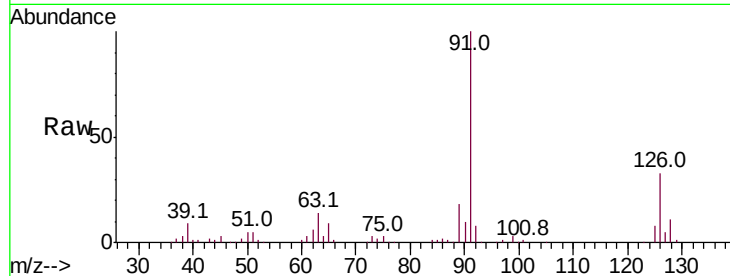
VD0501SBS01

Tot Ion: 91 Resp: 291725

Ion Ratio Lower Upper

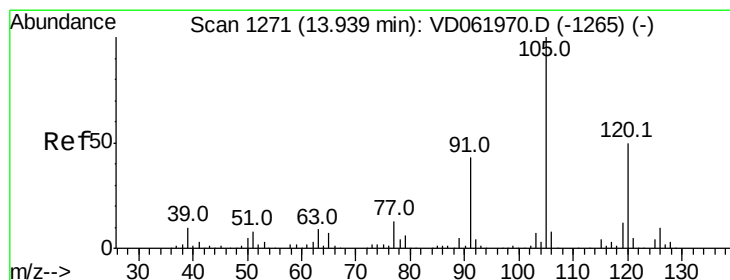
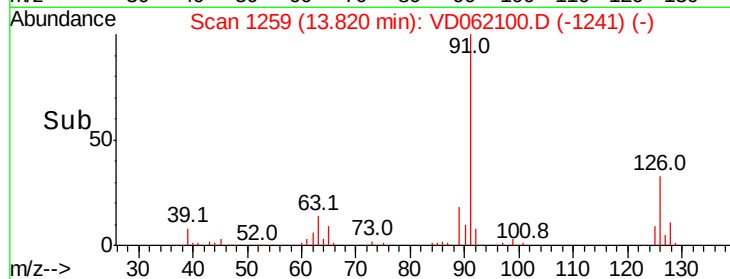
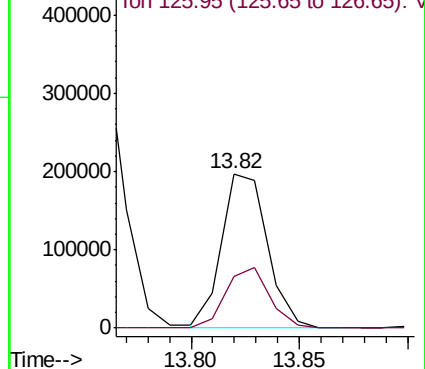
91 100

126 33.4 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 19.278 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. -0.02 min

Lab File: VD062100.D

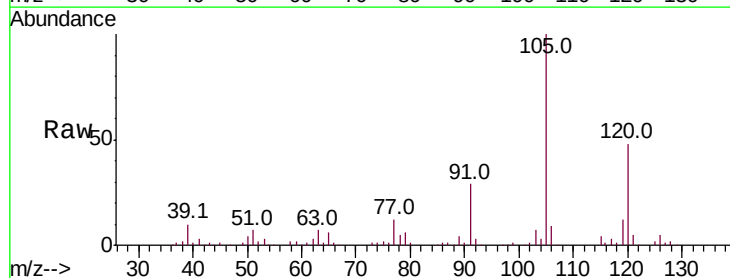
Acq: 1 May 2019 13:59

Tgt Ion:105 Resp: 367049

Ion Ratio Lower Upper

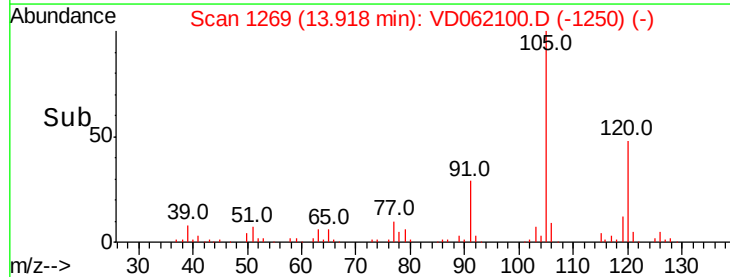
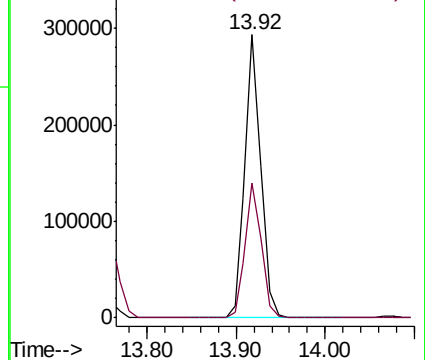
105 100

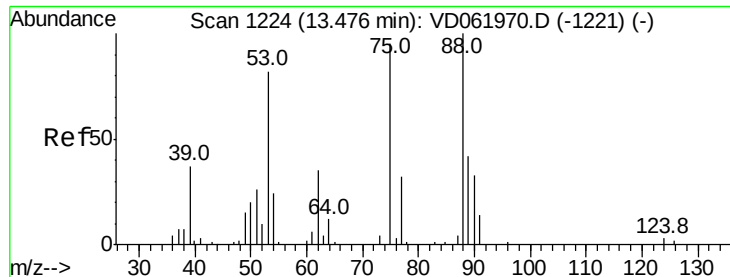
120 47.7 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.599 ug/l

RT: 13.46 min Scan# 1222

Delta R.T. -0.03 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

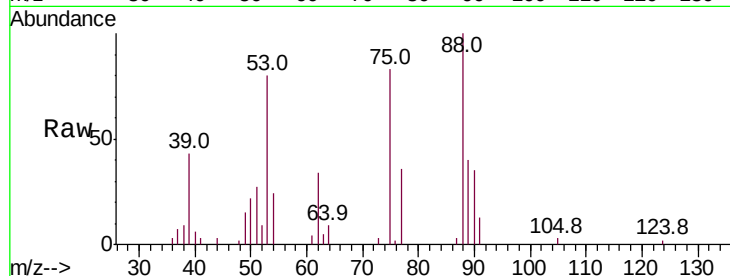
Tot Ion: 75 Resp: 21487

Ion Ratio Lower Upper

75 100

53 96.4 65.8 98.8

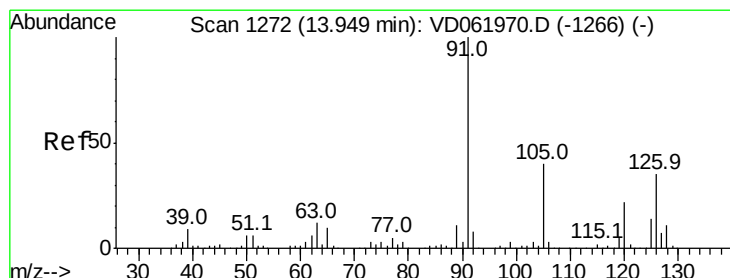
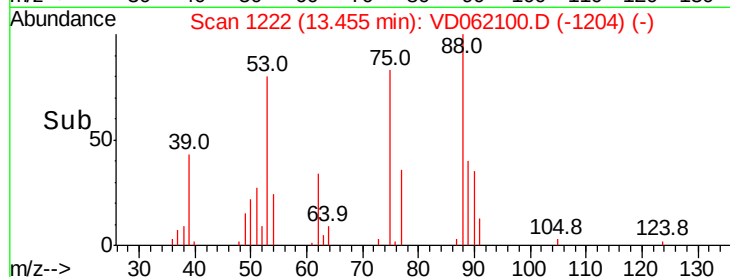
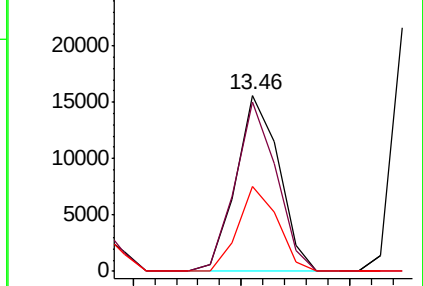
89 48.0 35.0 52.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 19.437 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.03 min

Lab File: VD062100.D

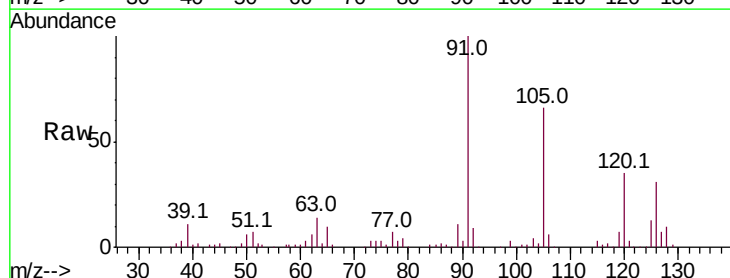
Acq: 1 May 2019 13:59

Tgt Ion: 91 Resp: 354423

Ion Ratio Lower Upper

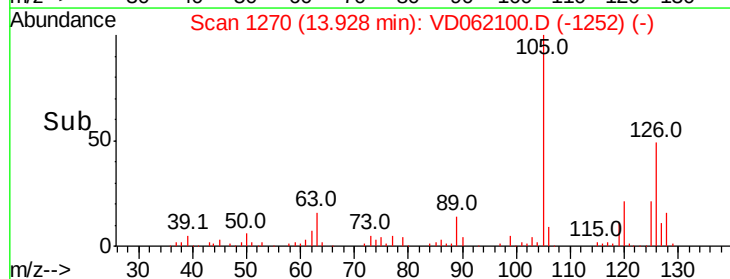
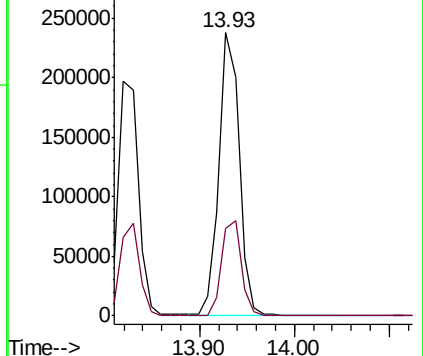
91 100

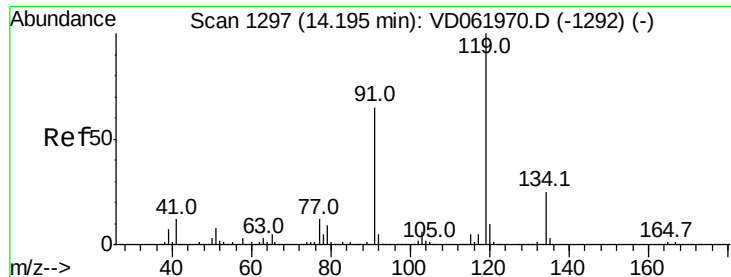
126 30.8 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

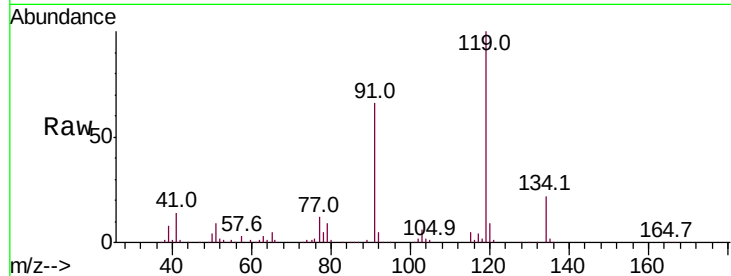




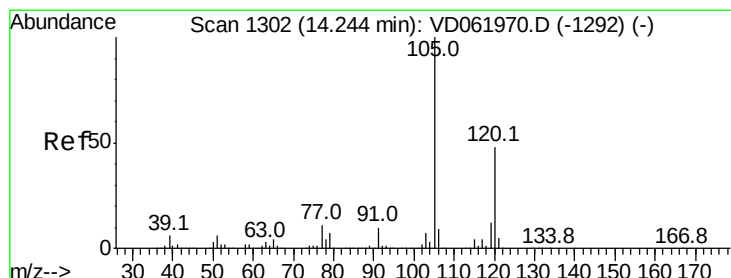
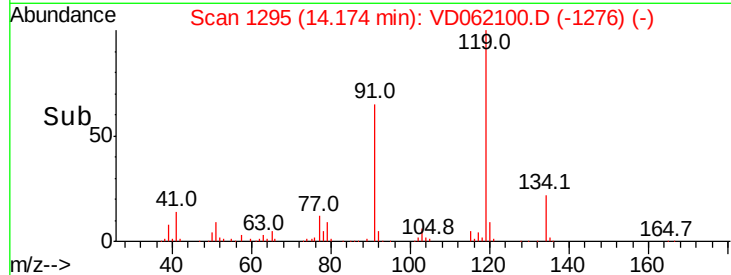
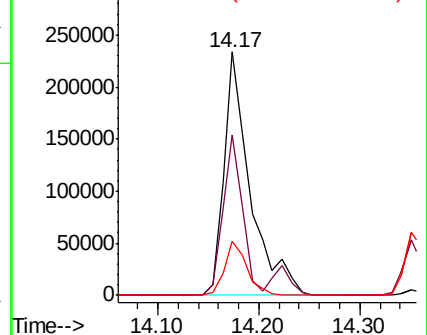
#83
 tert-Butylbenzene
 Concen: 19.192 ug/l
 RT: 14.17 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

Tot Ion:119 Resp: 423324
 Ion Ratio Lower Upper
 119 100
 91 65.8 34.2 102.6
 134 22.3 12.0 36.0

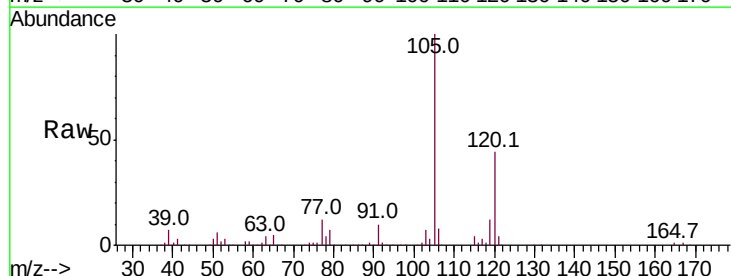


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

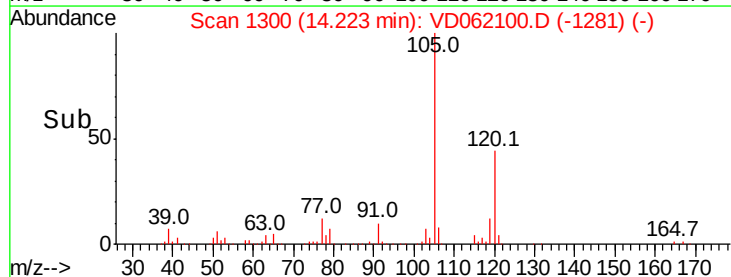
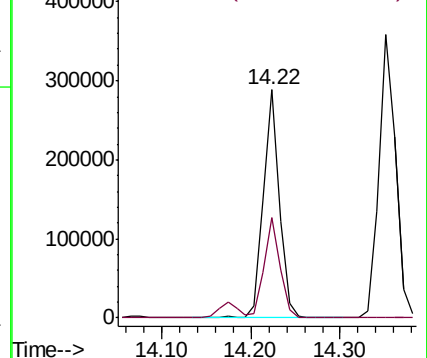


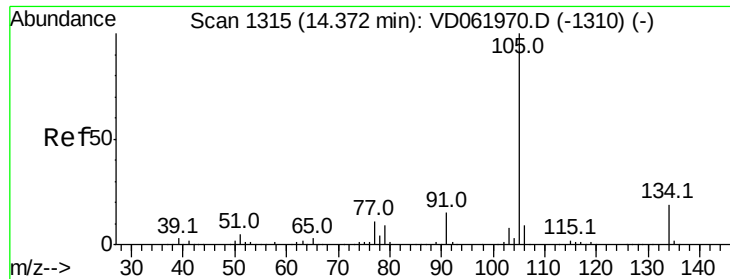
#84
 1,2,4-Trimethylbenzene
 Concen: 19.566 ug/l
 RT: 14.22 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion:105 Resp: 355712
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.1 69.2



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

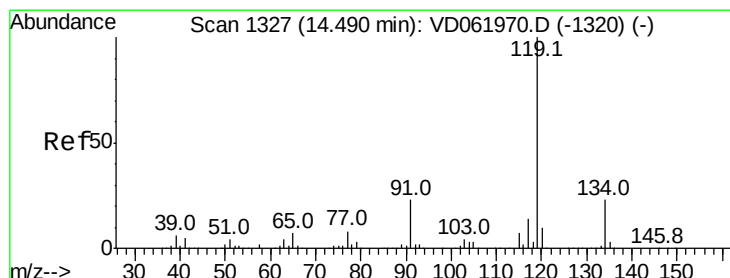
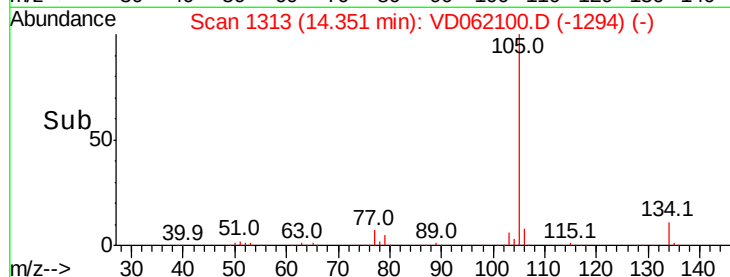
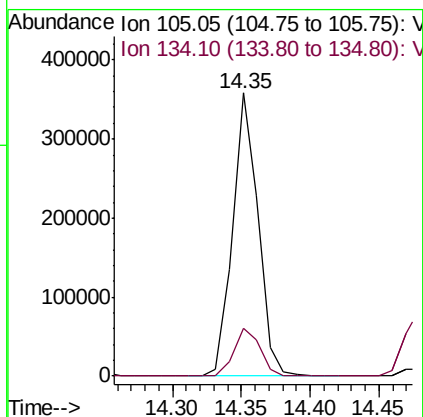
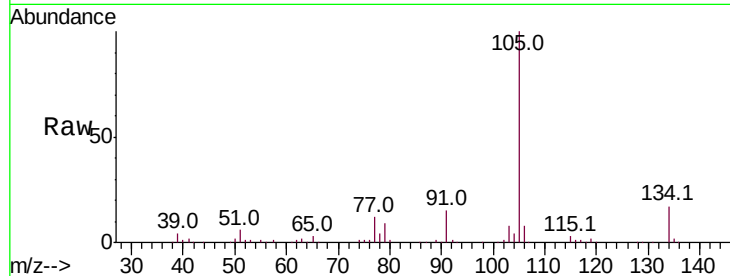




#85
 sec-Butylbenzene
 Concen: 19.242 ug/l
 RT: 14.35 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

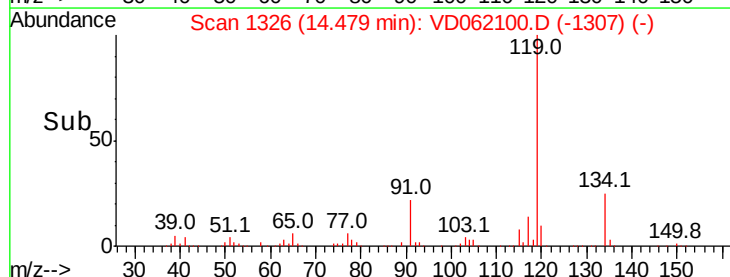
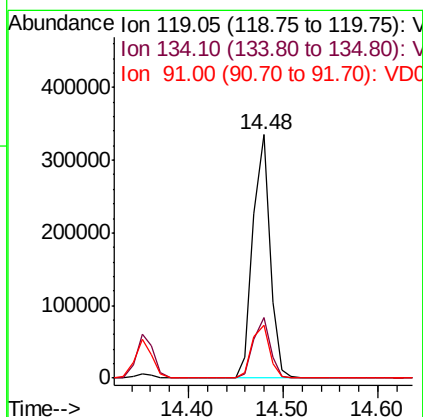
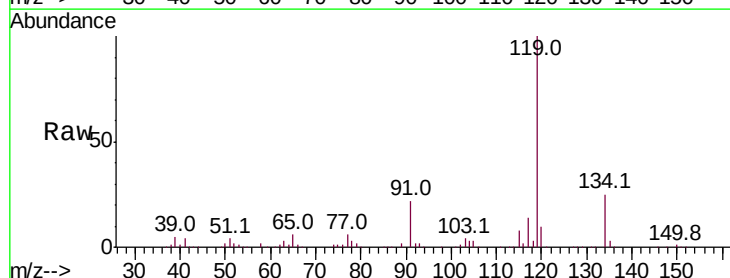
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

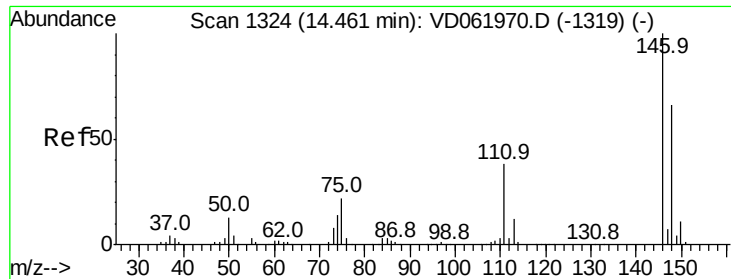
Tot Ion:105 Resp: 458577
 Ion Ratio Lower Upper
 105 100
 134 17.0 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 19.710 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion:119 Resp: 420413
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 21.8 10.7 32.1

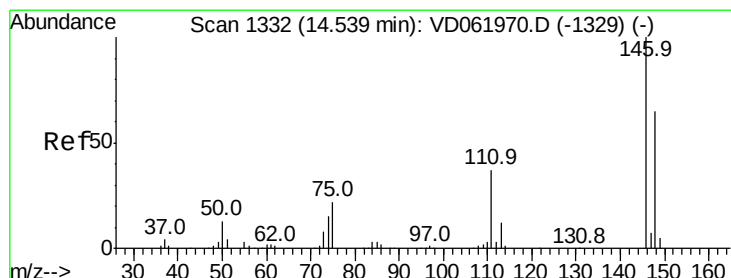
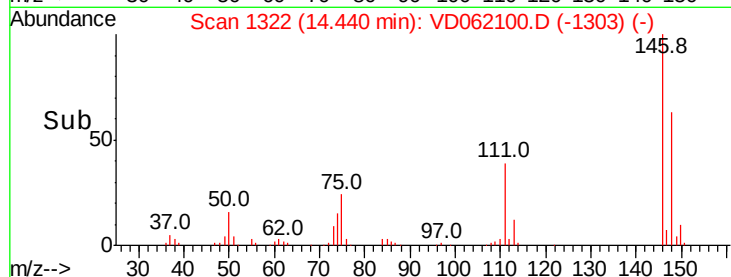
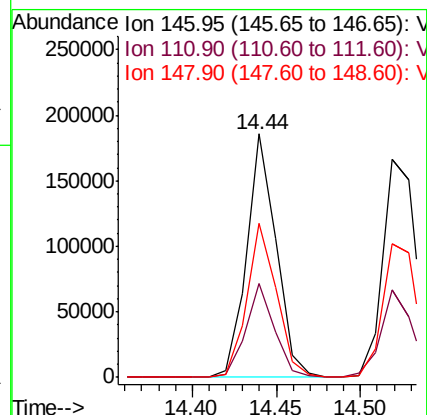
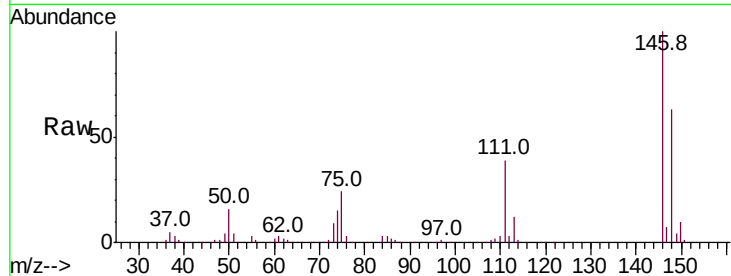




#87
 1,3-Dichlorobenzene
 Concen: 18.809 ug/l
 RT: 14.44 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

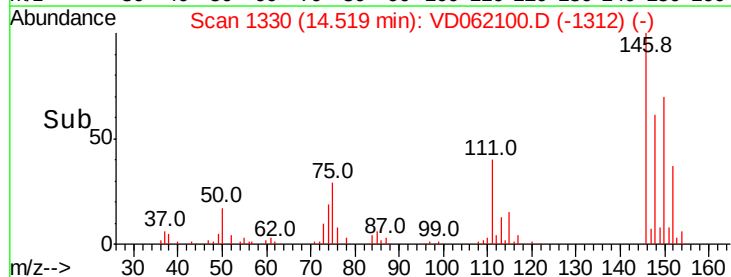
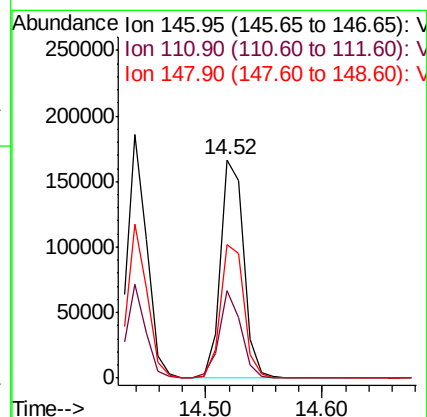
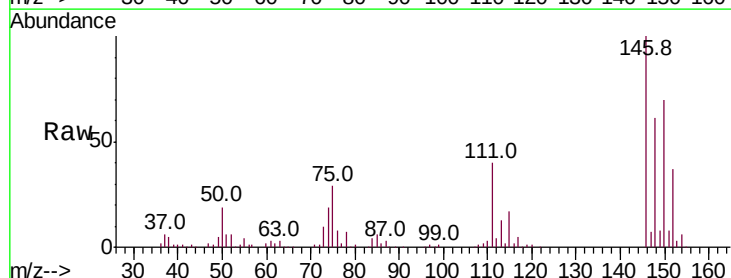
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0501SBS01

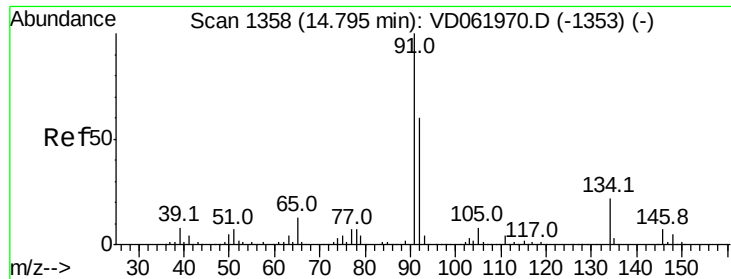
Tot Ion:146 Resp: 225633
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.0 60.0
 148 63.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.542 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion:146 Resp: 230445
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 60.9 32.0 96.2

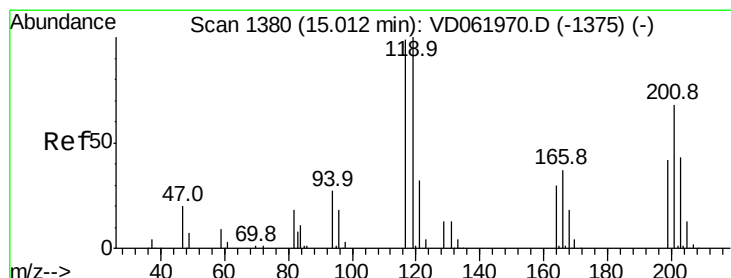
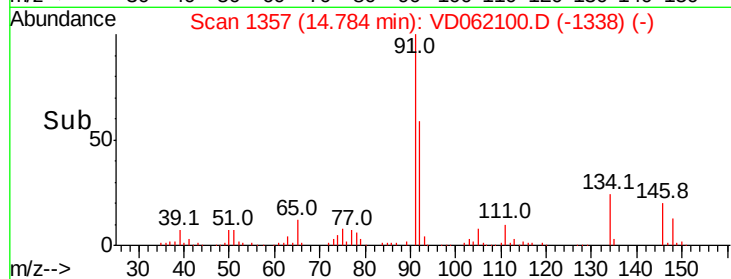
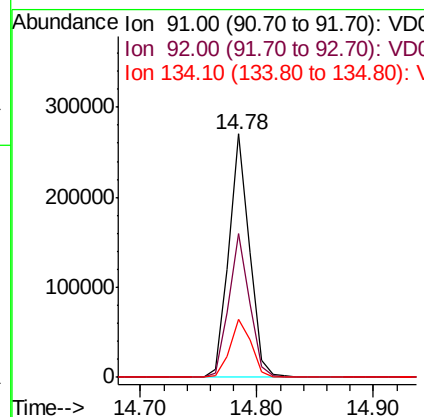
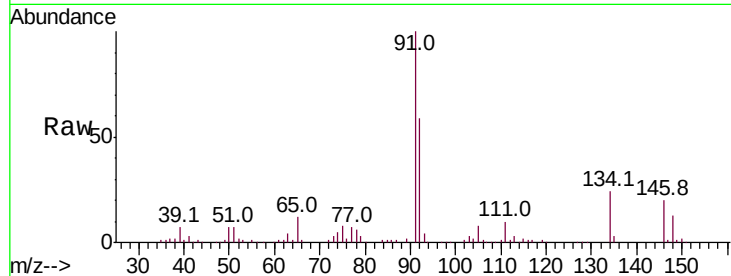




#89
n-Butylbenzene
Concen: 17.333 ug/l
RT: 14.78 min Scan# 1357
Delta R.T. -0.02 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

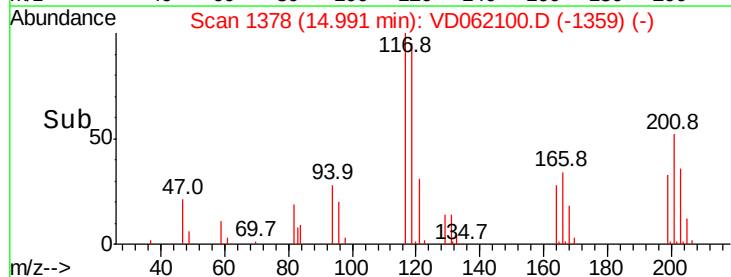
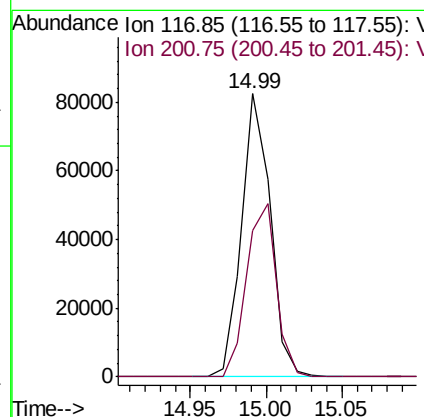
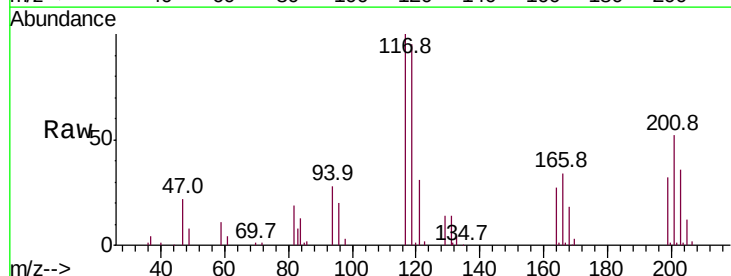
Instrument :
MSVOA_D
ClientSampleId :
VD0501SBS01

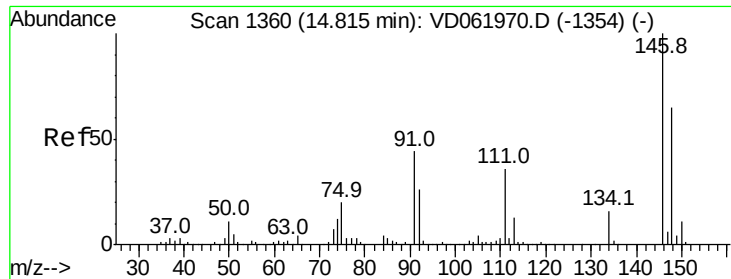
Tot Ion: 91 Resp: 331910
Ion Ratio Lower Upper
91 100
92 59.3 30.3 91.0
134 23.7 14.5 43.6



#90
Hexachloroethane
Concen: 18.815 ug/l
RT: 14.99 min Scan# 1378
Delta R.T. -0.02 min
Lab File: VD062100.D
Acq: 1 May 2019 13:59

Tgt Ion: 117 Resp: 108516
Ion Ratio Lower Upper
117 100
201 51.9 30.2 90.6

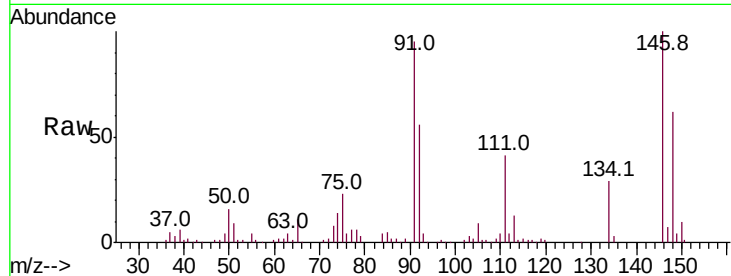




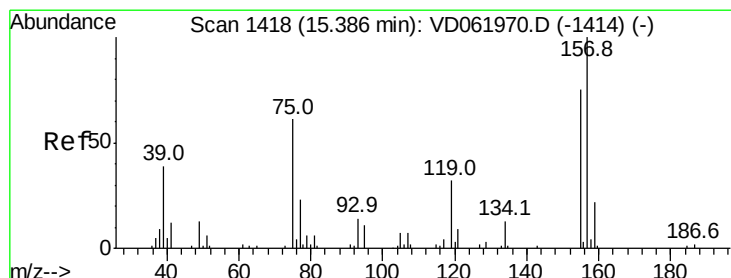
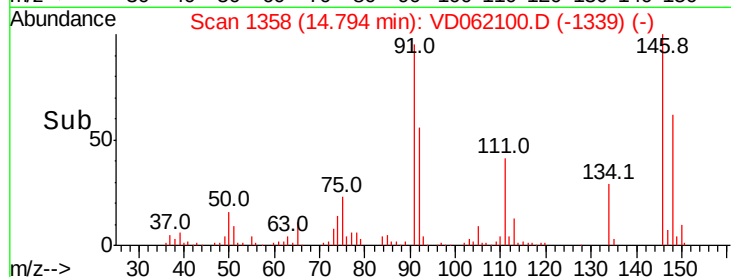
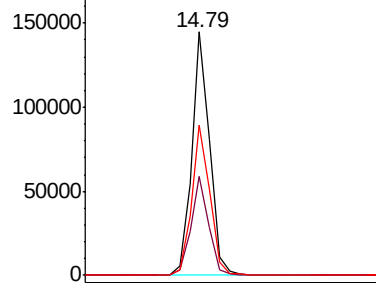
#91
 1,2-Dichlorobenzene
 Concen: 18.002 ug/l
 RT: 14.79 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	59.9
148	61.7	32.3	96.8

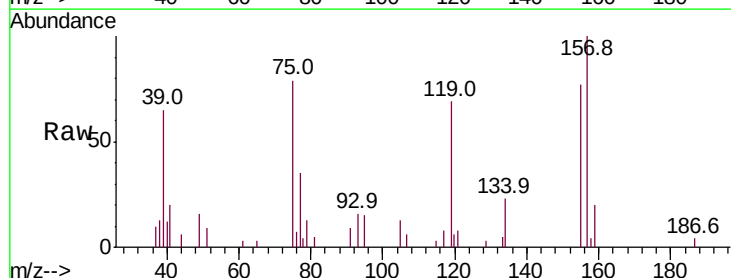


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

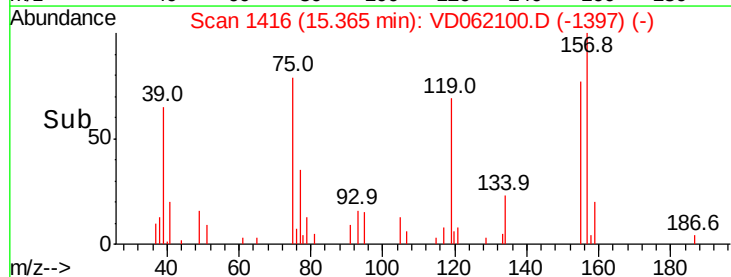
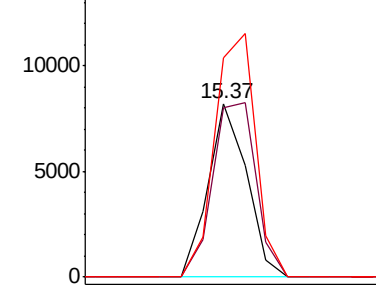


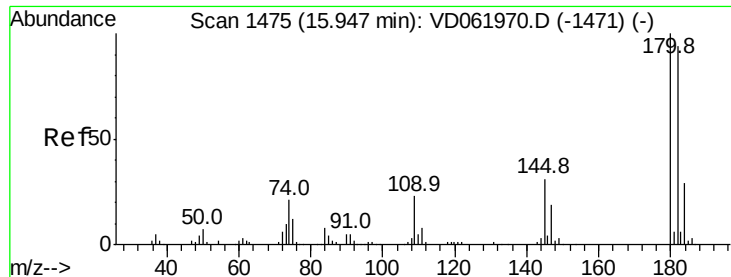
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.742 ug/l
 RT: 15.37 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	55.3	165.8
157	126.2	67.8	203.2



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

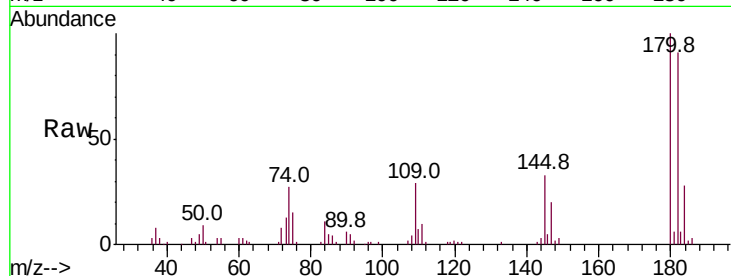




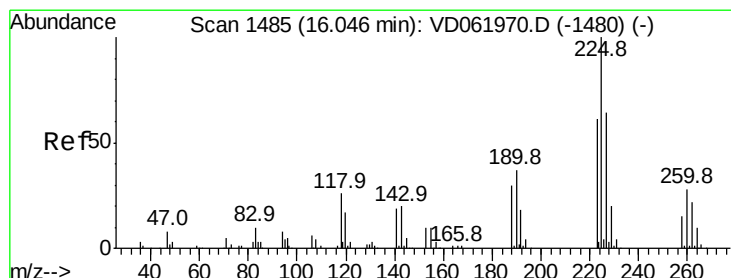
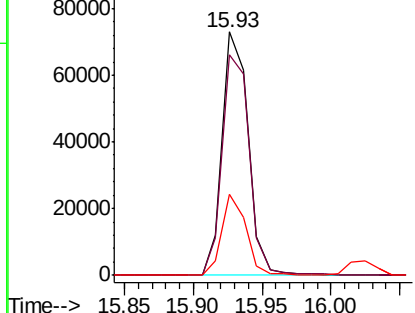
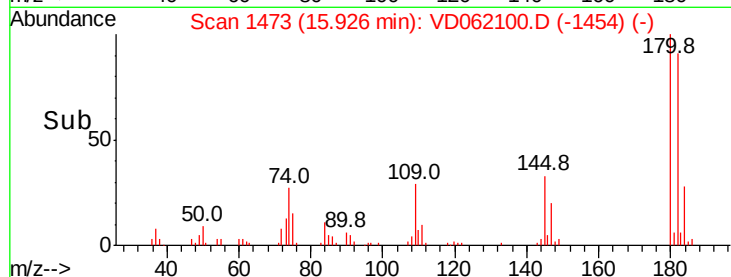
#93
 1,2,4-Trichlorobenzene
 Concen: 17.853 ug/l
 RT: 15.93 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.7	49.3	147.8
145	33.1	16.2	48.6

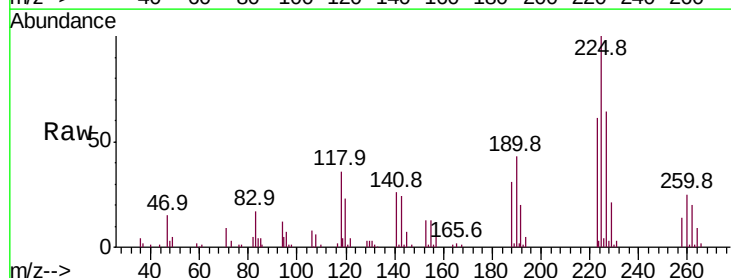


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

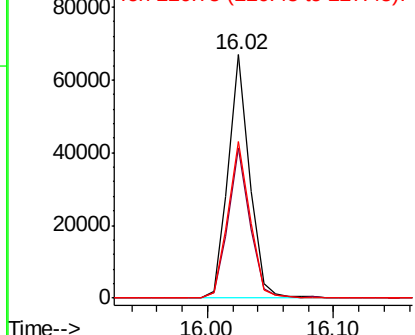
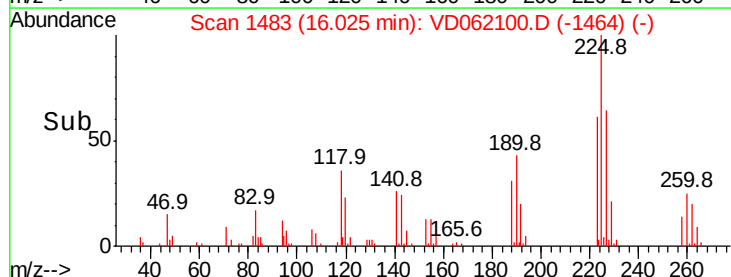


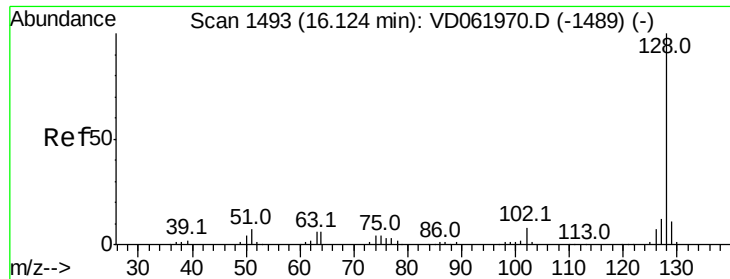
#94
 Hexachlorobutadiene
 Concen: 19.835 ug/l
 RT: 16.02 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: VD062100.D
 Acq: 1 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.6	92.0
227	64.1	32.0	96.2



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: 17.297 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.02 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0501SBS01

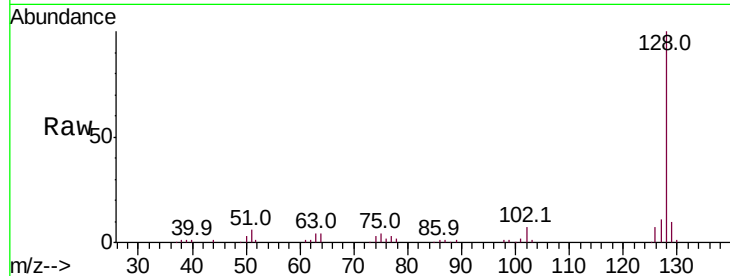
Tot Ion:128 Resp: 149104

Ion Ratio Lower Upper

128 100

127 11.3 9.8 14.8

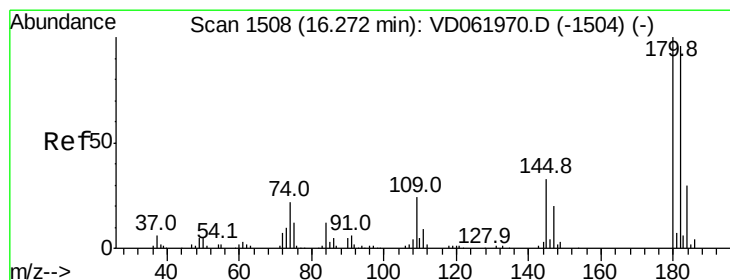
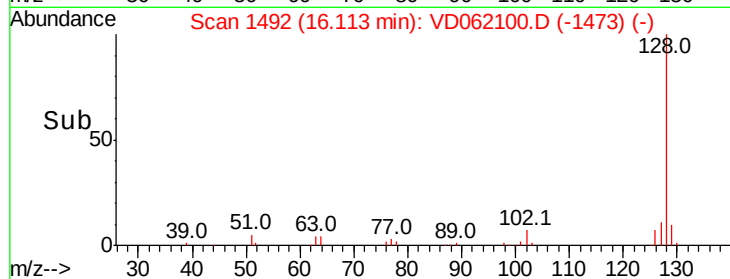
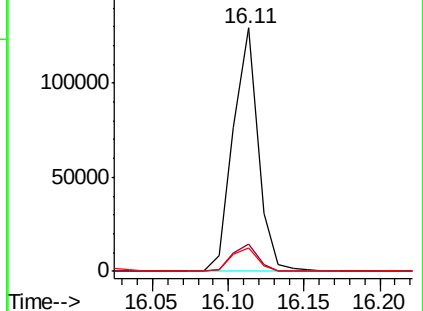
129 9.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.913 ug/l

RT: 16.26 min Scan# 1507

Delta R.T. -0.01 min

Lab File: VD062100.D

Acq: 1 May 2019 13:59

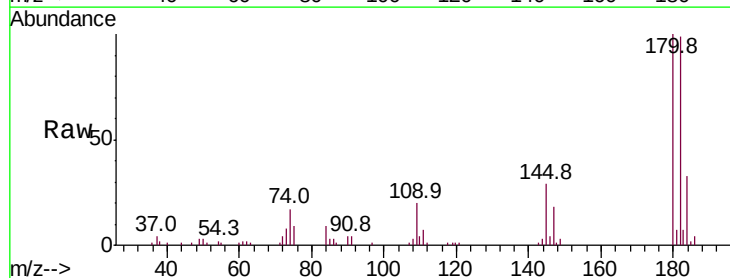
Tgt Ion:180 Resp: 57292

Ion Ratio Lower Upper

180 100

182 98.9 47.0 141.0

145 28.8 17.0 51.0



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

