

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063650.D
 Acq On : 19 Aug 2019 11:36
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 20 08:27:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1120888	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1569687	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1308139	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	681745	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	607513	50.70	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	6.91	113	676678	51.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.41	98	1456172	50.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	13.55	95	658875	50.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	578150	42.634	ug/l	96
3) Chloromethane	1.75	50	469954	44.356	ug/l	95
4) Vinyl Chloride	1.84	62	507551	48.256	ug/l	95
5) Bromomethane	2.15	94	225194	45.375	ug/l	100
6) Chloroethane	2.26	64	251943	52.381	ug/l	92
7) Trichlorofluoromethane	2.52	101	1018574	49.371	ug/l	98
8) Diethyl Ether	2.87	74	139262	47.809	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.14	101	579700	47.586	ug/l	100
10) Methyl Iodide	3.29	142	779943	45.249	ug/l	96
11) Tert butyl alcohol	4.07	59	148221	284.179	ug/l	98
12) 1,1-Dichloroethene	3.12	96	420715	46.451	ug/l	92
13) Acrolein	3.03	56	123554	240.661	ug/l	96
14) Allyl chloride	3.62	41	662696	48.672	ug/l	97
15) Acrylonitrile	4.20	53	345658	250.199	ug/l	95
16) Acetone	3.21	43	665514	273.246	ug/l	94
17) Carbon Disulfide	3.37	76	1242456	43.465	ug/l	99
18) Methyl Acetate	3.64	43	221028	47.911	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	947679	52.319	ug/l	95
20) Methylene Chloride	3.80	84	432639	41.079	ug/l	93
21) trans-1,2-Dichloroethene	4.22	96	447960	47.000	ug/l	96
22) Diisopropyl ether	5.12	45	1326907	47.227	ug/l	99
23) Vinyl Acetate	5.05	43	4282650	262.194	ug/l	98
24) 1,1-Dichloroethane	4.97	63	845122	48.497	ug/l	98
25) 2-Butanone	6.07	43	605851	251.864	ug/l	96
26) 2,2-Dichloropropane	6.02	77	875704	50.452	ug/l	94
27) cis-1,2-Dichloroethene	6.03	96	496229	47.587	ug/l	83
28) Bromochloromethane	6.43	49	366487	51.891	ug/l	87
29) Tetrahydrofuran	6.45	42	295260	263.416	ug/l	99
30) Chloroform	6.66	83	977539	45.130	ug/l	99
31) Cyclohexane	6.95	56	504511	46.635	ug/l	95
32) 1,1,1-Trichloroethane	6.86	97	996784	48.107	ug/l	98
36) 1,1-Dichloropropene	7.14	75	671219	48.371	ug/l	97
37) Ethyl Acetate	6.18	43	296908	51.062	ug/l #	93
38) Carbon Tetrachloride	7.10	117	1091528	52.193	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	563212	47.731	ug/l	99
40) Benzene	7.45	78	1440483	47.172	ug/l	99
41) Methacrylonitrile	6.45	41	392586	53.623	ug/l #	90
42) 1,2-Dichloroethane	7.57	62	735434	47.896	ug/l	99
43) Isopropyl Acetate	9.24	43	423543	54.386	ug/l	98
44) Trichloroethene	8.54	130	524000	44.894	ug/l	99
45) 1,2-Dichloropropane	8.94	63	350483	49.285	ug/l	98
46) Dibromomethane	9.06	93	283503	46.683	ug/l	95
47) Bromodichloromethane	9.38	83	763492	49.012	ug/l	97
48) Methyl methacrylate	9.11	41	257687	48.791	ug/l	96
49) 1,4-Dioxane	9.08	88	41389	880.616	ug/l #	70
51) 4-Methyl-2-Pentanone	10.30	43	1402248	263.141	ug/l	100
52) Toluene	10.51	92	944183	48.004	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	646223	50.832	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	722037	50.369	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	332744	50.082	ug/l	96
56) Ethyl methacrylate	11.04	69	369834	51.285	ug/l	95
57) 1,3-Dichloropropane	11.40	76	516591	51.438	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.86	63	1051254	276.128	ug/l	99
59) 2-Hexanone	11.53	43	1039149	267.999	ug/l	99
60) Dibromochloromethane	11.68	129	617990	51.117	ug/l	100
61) 1,2-Dibromoethane	11.81	107	406284	50.513	ug/l	99
64) Tetrachloroethene	11.26	164	514374	50.936	ug/l	96
65) Chlorobenzene	12.40	112	1215404	49.573	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	530979	49.210	ug/l	98
67) Ethyl Benzene	12.53	91	1947804	45.691	ug/l	96
68) m/p-Xylenes	12.66	106	1493146	99.694	ug/l	96
69) o-Xylene	13.05	106	748988	51.958	ug/l	93
70) Styrene	13.07	104	1213244	47.316	ug/l	98
71) Bromoform	13.23	173	397668	53.748	ug/l	97
73) Isopropylbenzene	13.40	105	2055537	47.403	ug/l	100
74) N-amyl acetate	13.26	43	592702	54.449	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	384277	53.391	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	418712	53.515	ug/l	99
77) Bromobenzene	13.67	156	596784	50.357	ug/l	96
78) n-propylbenzene	13.78	91	2411021	47.521	ug/l	99
79) 2-Chlorotoluene	13.83	91	1441267	49.269	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	1668140	44.029	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	110782	52.680	ug/l	97
82) 4-Chlorotoluene	13.94	91	1635754	46.501	ug/l	98
83) tert-Butylbenzene	14.19	119	2112240	52.942	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1712724	48.857	ug/l	98
85) sec-Butylbenzene	14.37	105	2157103	50.911	ug/l	100
86) p-Isopropyltoluene	14.48	119	2053069	50.678	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	1048060	48.891	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	1059889	51.534	ug/l	96
89) n-Butylbenzene	14.80	91	1879617	50.836	ug/l	99
90) Hexachloroethane	15.01	117	537104	52.748	ug/l	97
91) 1,2-Dichlorobenzene	14.81	146	925631	50.894	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	68969	50.891	ug/l	99

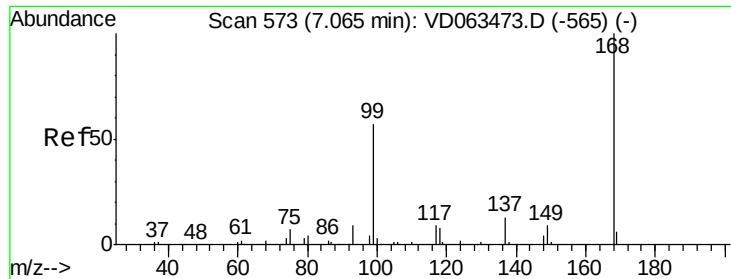
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	728353	54.425	ug/l	95
94) Hexachlorobutadiene	16.04	225	507862	49.793	ug/l	96
95) Naphthalene	16.12	128	1062315	52.378	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	530139	49.046	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

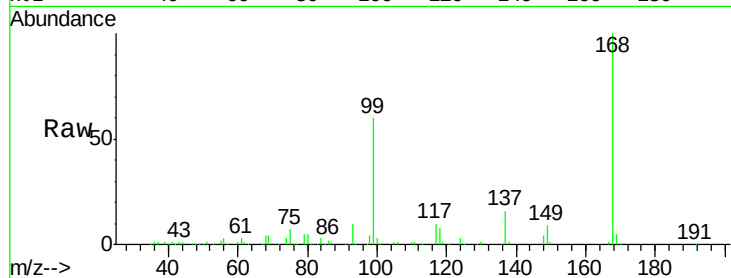
VSTDCCC050

Tot Ion:168 Resp: 1120888

Ion Ratio Lower Upper

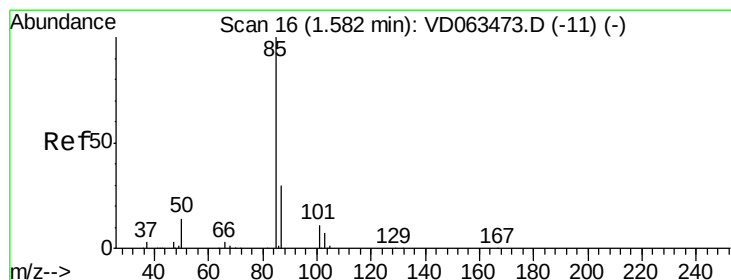
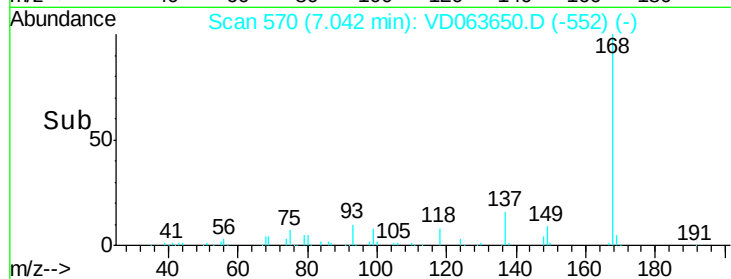
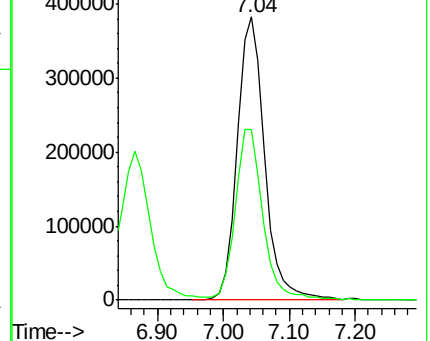
168 100

99 60.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 42.634 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD063650.D

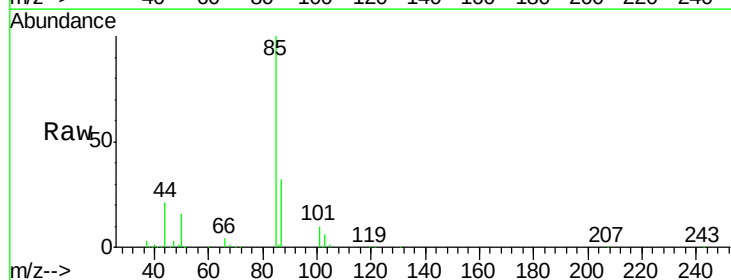
Acq: 19 Aug 2019 11:36

Tgt Ion: 85 Resp: 578150

Ion Ratio Lower Upper

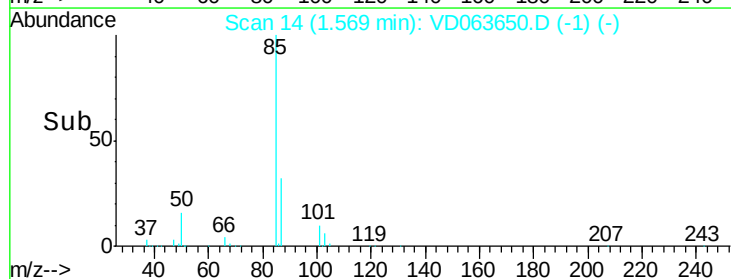
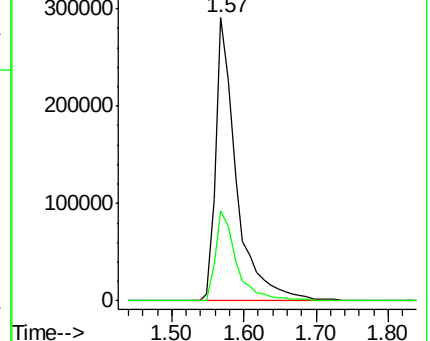
85 100

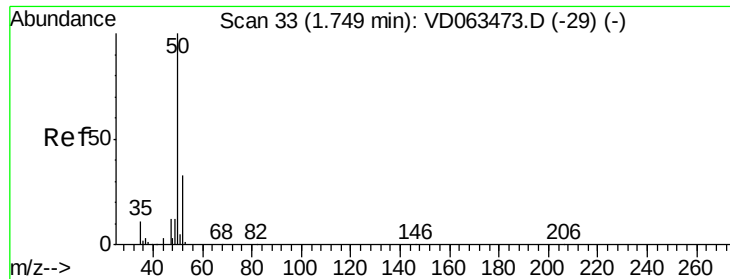
87 32.0 15.0 45.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.356 ug/l

RT: 1.75 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

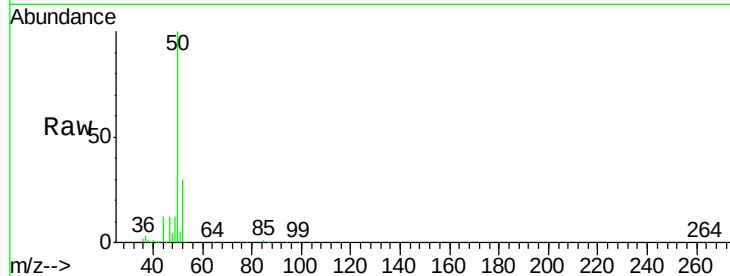
VSTDCCC050

Tot Ion: 50 Resp: 469954

Ion Ratio Lower Upper

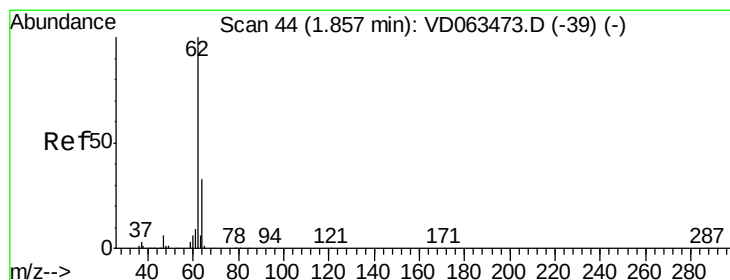
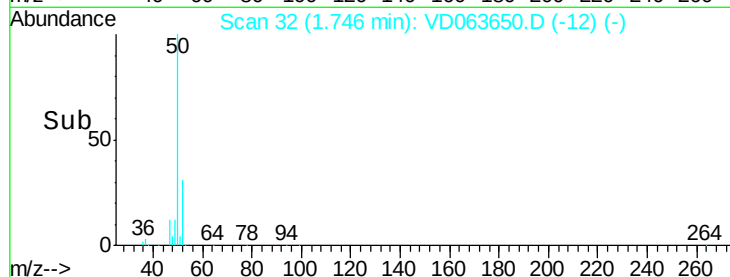
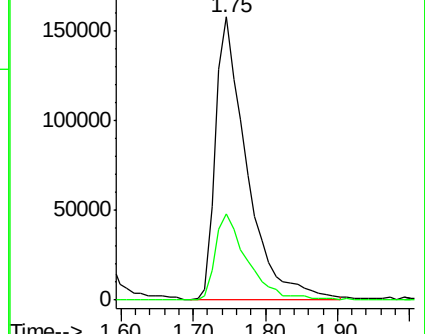
50 100

52 30.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.256 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: VD063650.D

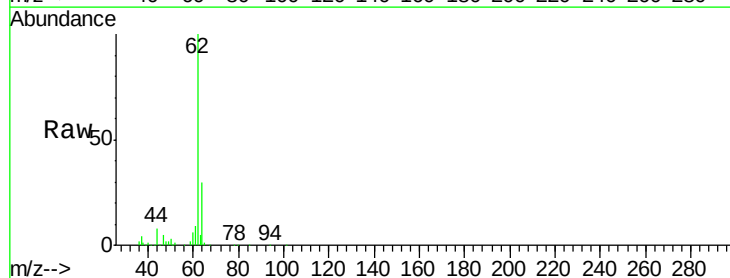
Acq: 19 Aug 2019 11:36

Tgt Ion: 62 Resp: 507551

Ion Ratio Lower Upper

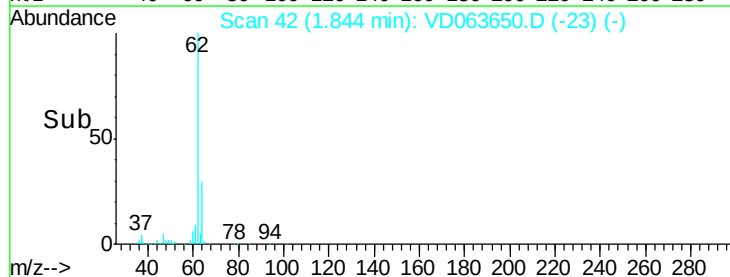
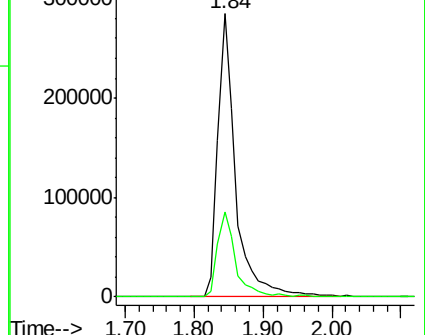
62 100

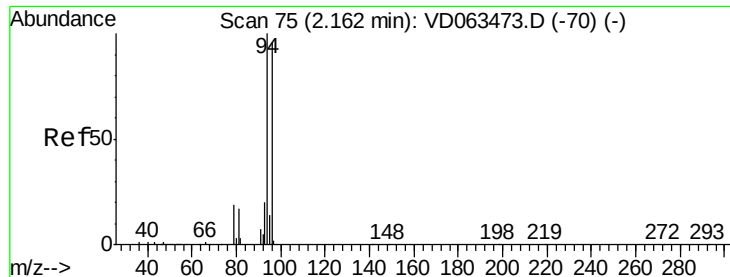
64 30.2 26.4 39.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 45.375 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

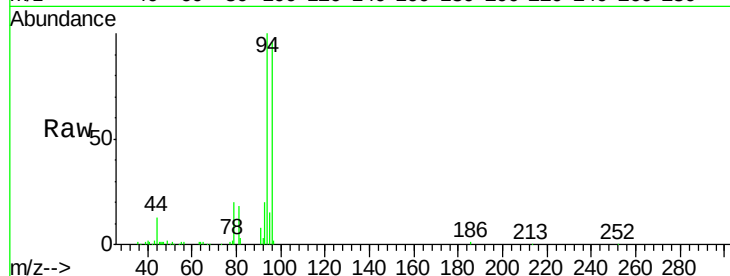
Tot Ion: 94 Resp: 225194

Ion Ratio Lower Upper

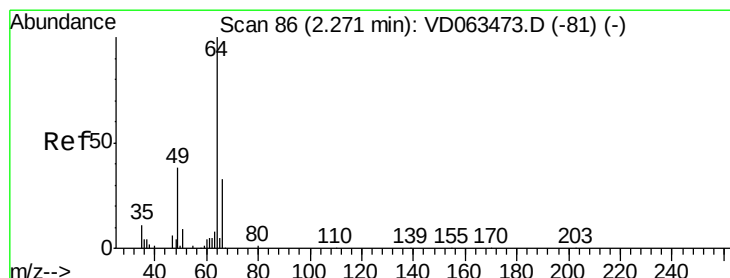
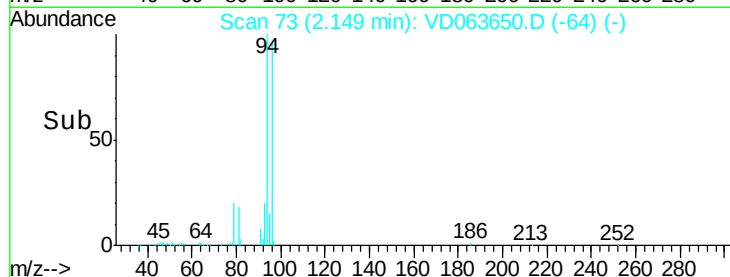
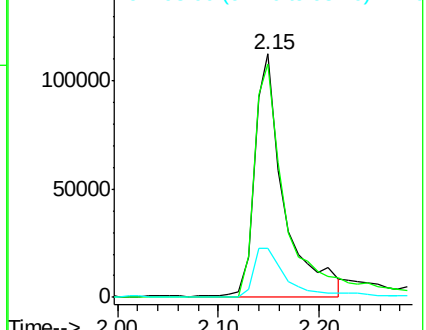
94 100

96 96.0 76.5 114.7

93 20.1 15.8 23.8



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: 52.381 ug/l

RT: 2.26 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD063650.D

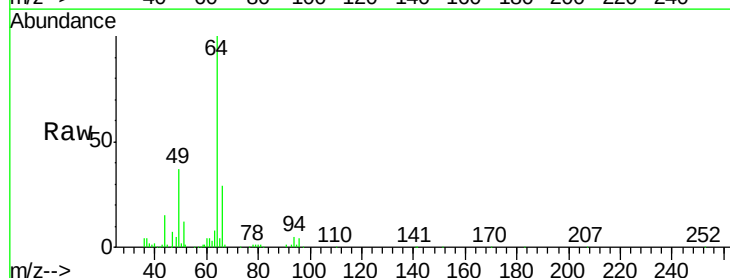
Acq: 19 Aug 2019 11:36

Tgt Ion: 64 Resp: 251943

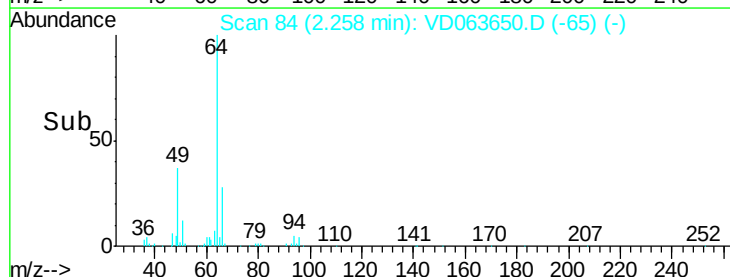
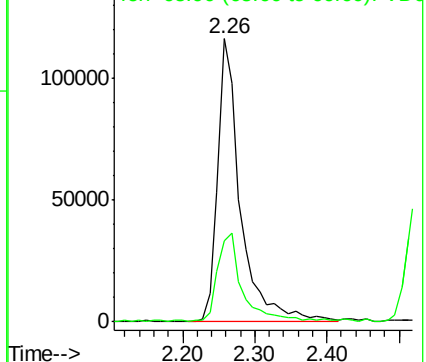
Ion Ratio Lower Upper

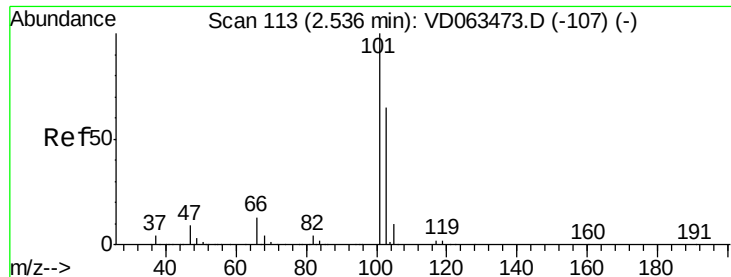
64 100

66 28.5 26.3 39.5



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



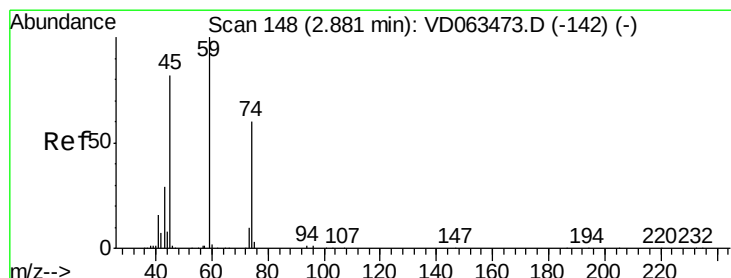
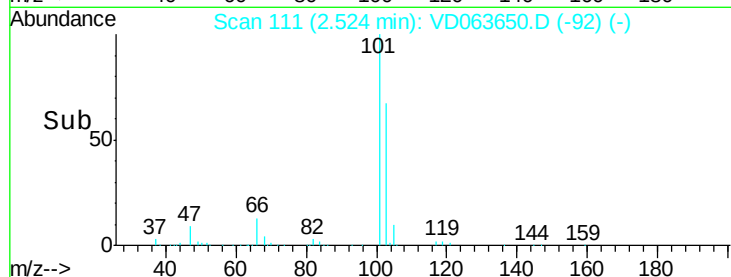
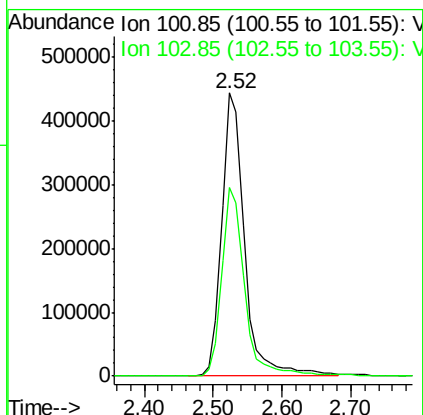
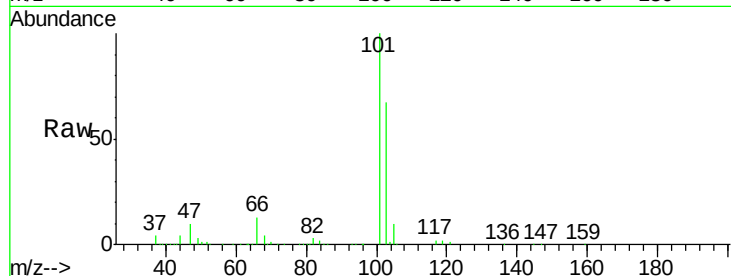


#7

Trichlorofluoromethane
 Concen: 49.371 ug/l
 RT: 2.52 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: VD063650.D
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 VSTDCCC050

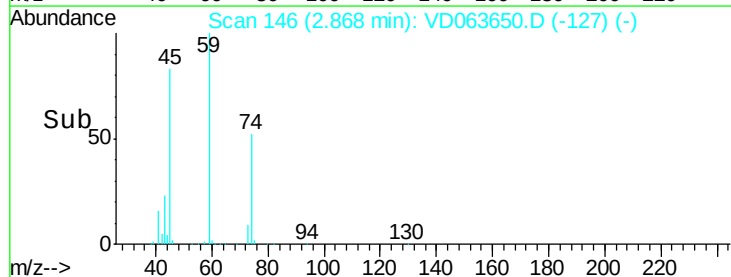
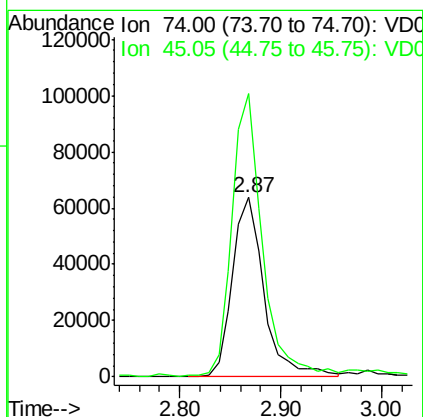
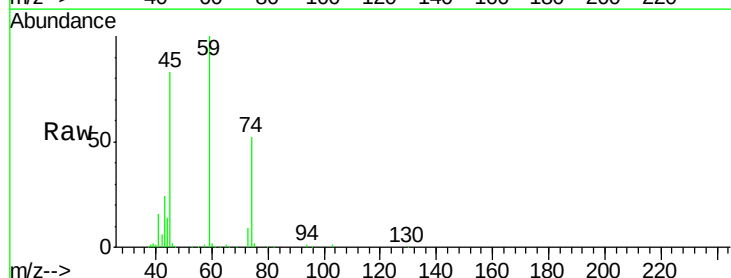
Tot Ion:101 Resp: 1018574
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.2 78.4

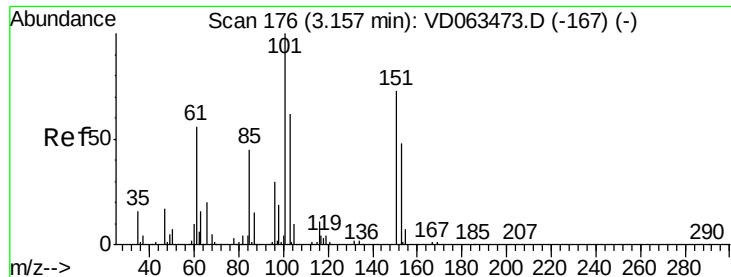


#8

Diethyl Ether
 Concen: 47.809 ug/l
 RT: 2.87 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 74 Resp: 139262
 Ion Ratio Lower Upper
 74 100
 45 157.8 68.5 205.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.586 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

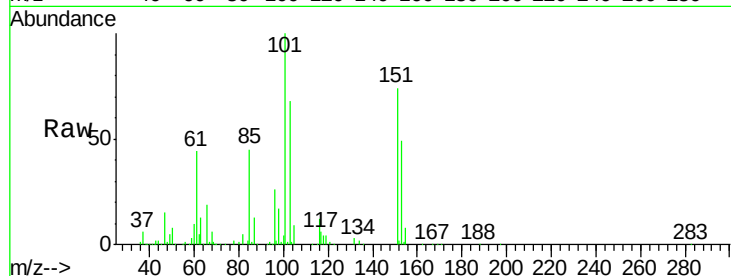
Tot Ion:101 Resp: 579700

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.6

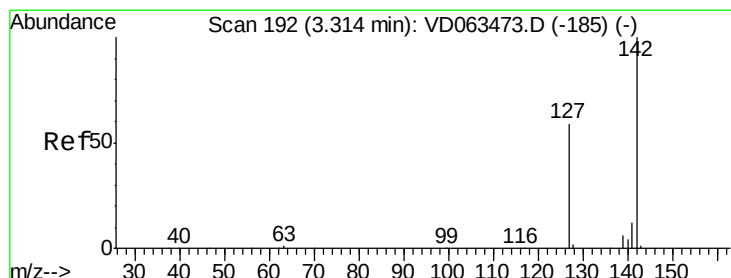
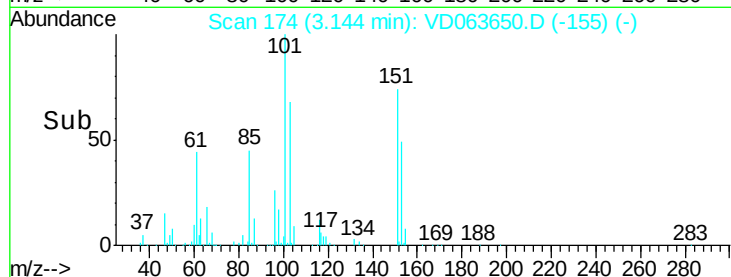
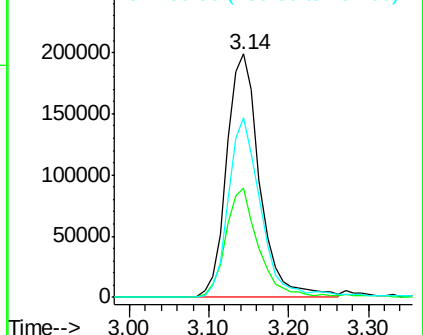
151 73.6 58.6 88.0



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: 45.249 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

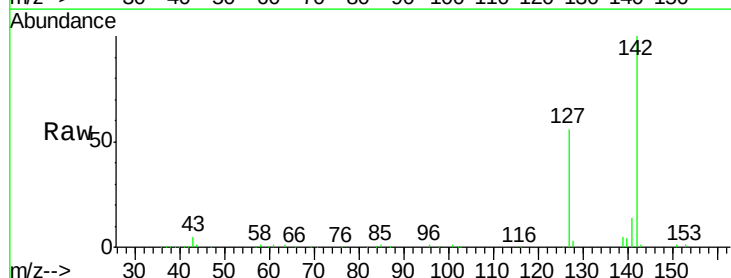
Tgt Ion:142 Resp: 779943

Ion Ratio Lower Upper

142 100

127 55.9 47.2 70.8

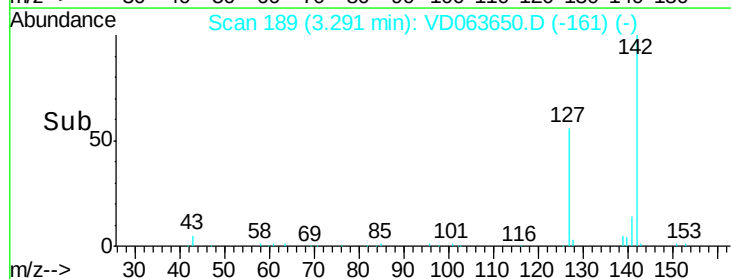
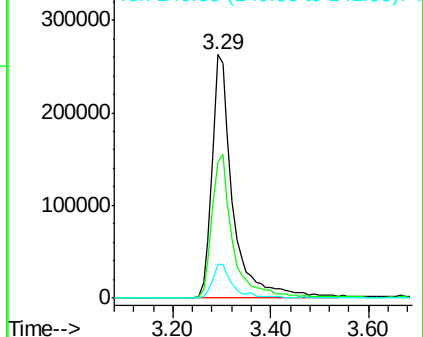
141 13.7 9.8 14.8

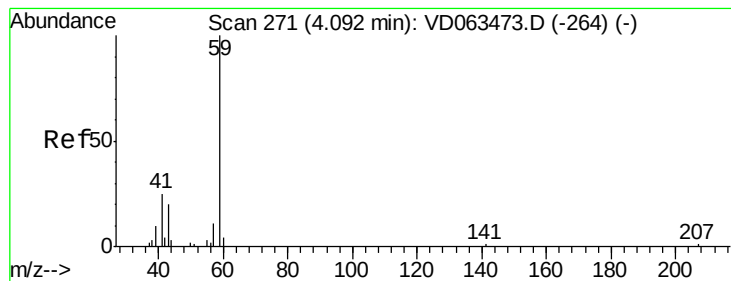


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



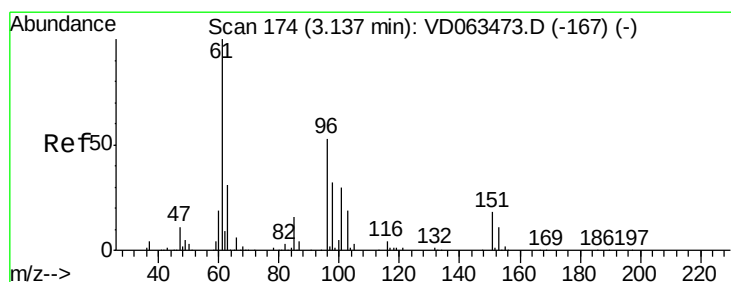
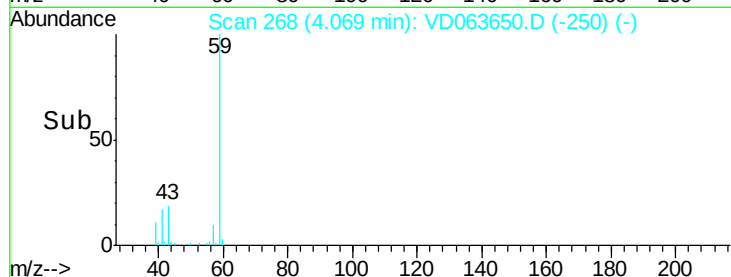
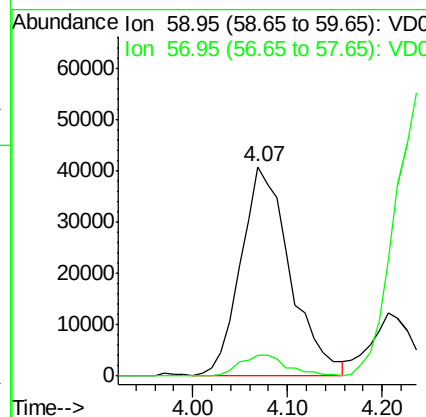
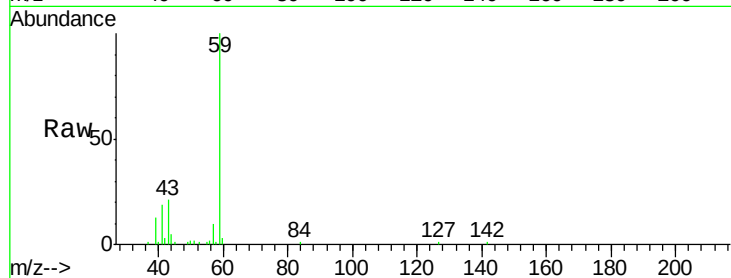


#11

Tert butyl alcohol
Concen: 284.179 ug/l
RT: 4.07 min Scan# 268
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

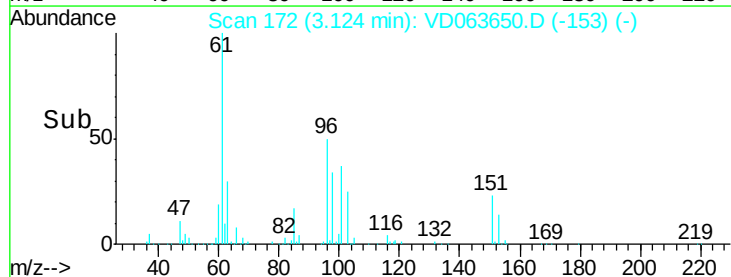
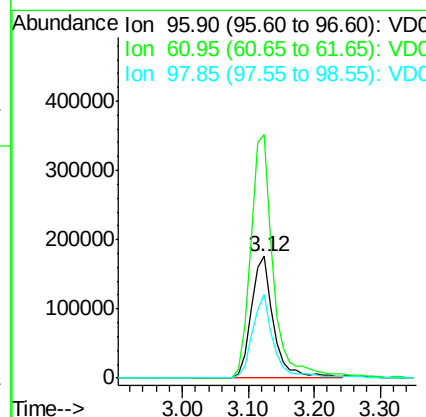
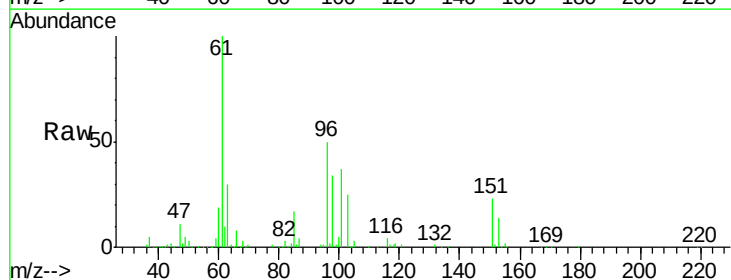
Tot Ion: 59 Resp: 148221
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

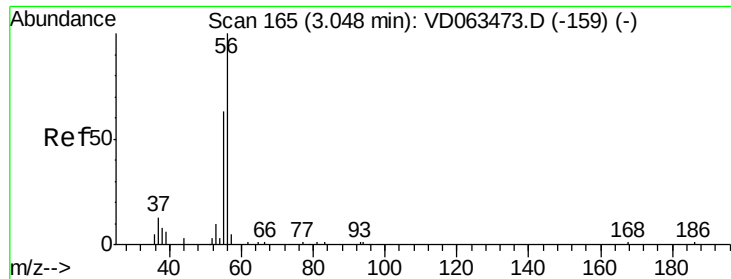


#12

1,1-Dichloroethene
Concen: 46.451 ug/l
RT: 3.12 min Scan# 172
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 96 Resp: 420715
Ion Ratio Lower Upper
96 100
61 200.1 151.7 227.5
98 68.9 48.4 72.6

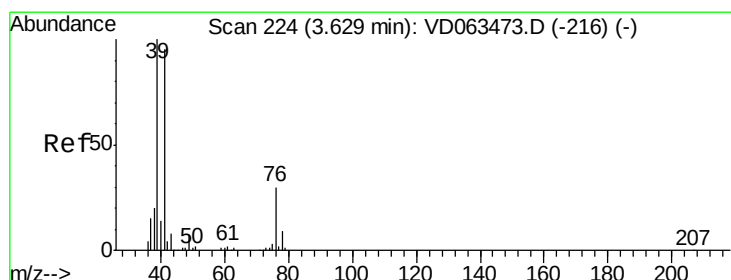
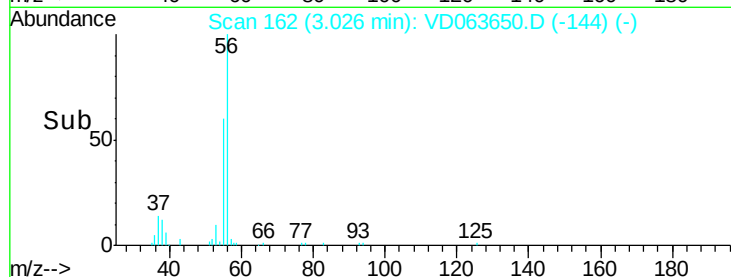
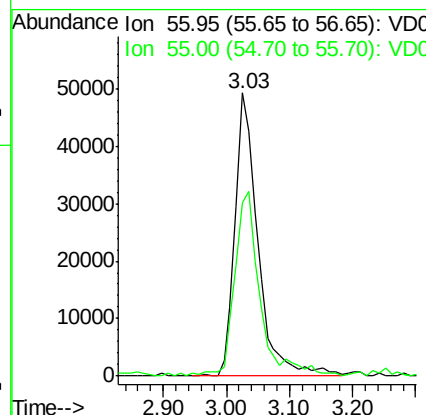
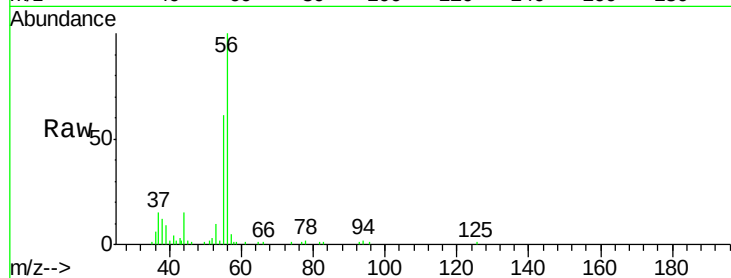




#13
Acrolein
Concen: 240.661 ug/l
RT: 3.03 min Scan# 162
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

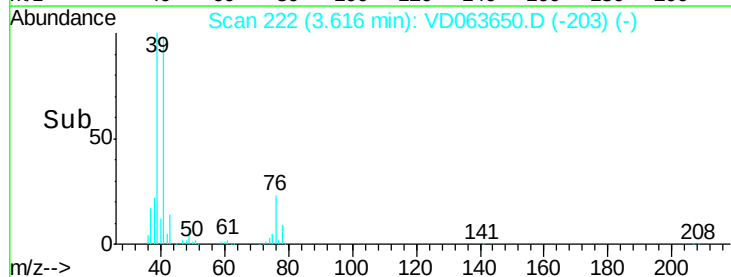
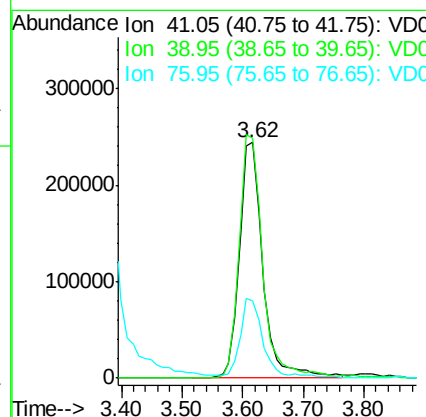
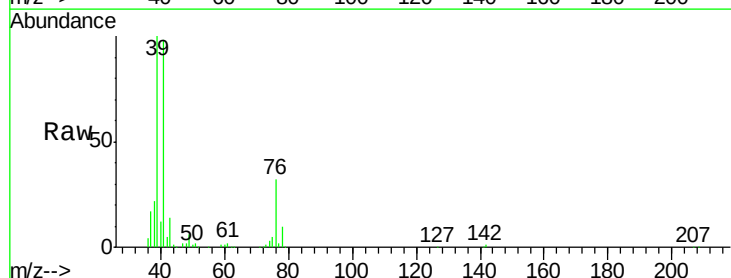
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

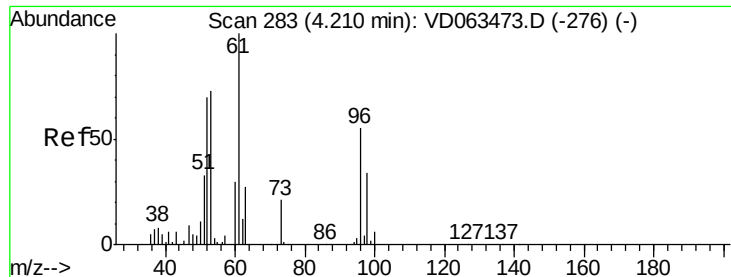
Tot Ion: 56 Resp: 123554
Ion Ratio Lower Upper
56 100
55 61.1 51.3 76.9



#14
Allyl chloride
Concen: 48.672 ug/l
RT: 3.62 min Scan# 222
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 41 Resp: 662696
Ion Ratio Lower Upper
41 100
39 102.0 84.2 126.4
76 32.7 26.0 39.0





#15

Acrylonitrile

Concen: 250.199 ug/l

RT: 4.20 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

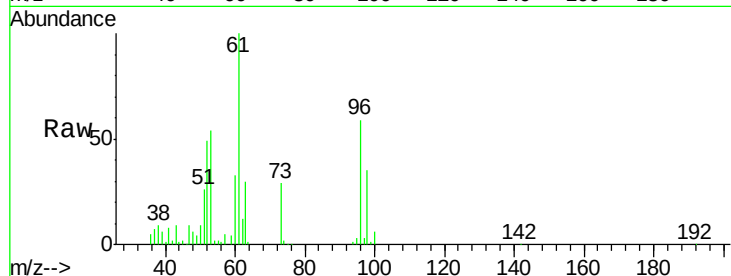
Tot Ion: 53 Resp: 345658

Ion Ratio Lower Upper

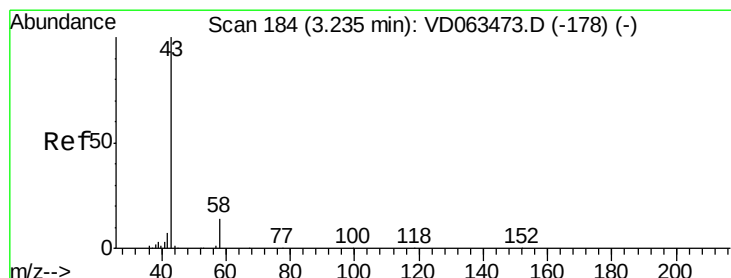
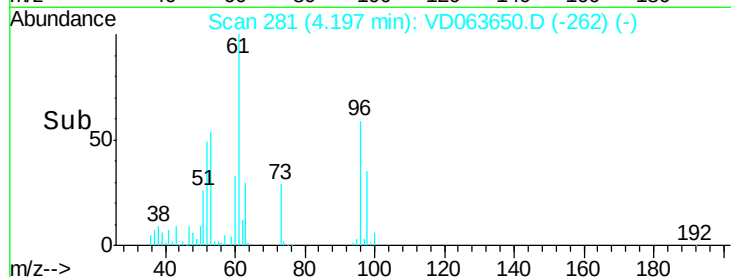
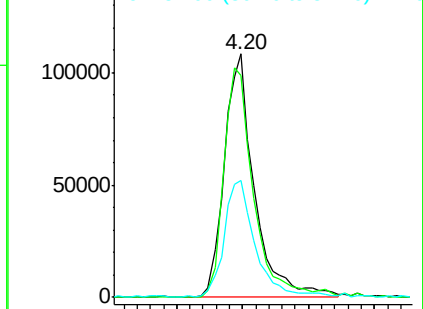
53 100

52 91.2 77.4 116.0

51 48.3 36.7 55.1



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: 273.246 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063650.D

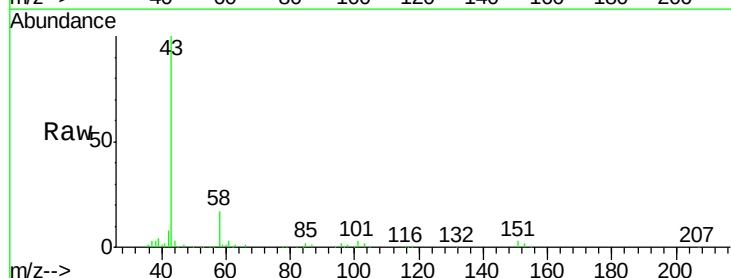
Acq: 19 Aug 2019 11:36

Tgt Ion: 43 Resp: 665514

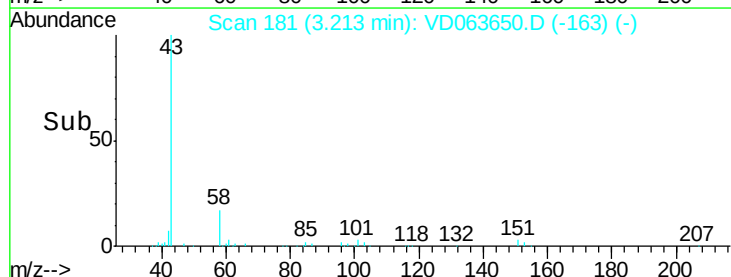
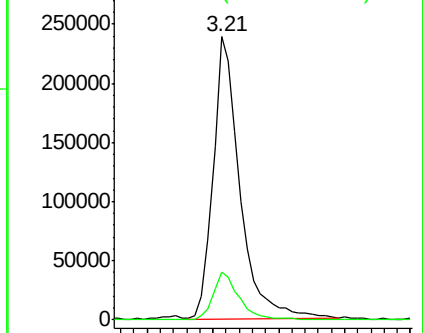
Ion Ratio Lower Upper

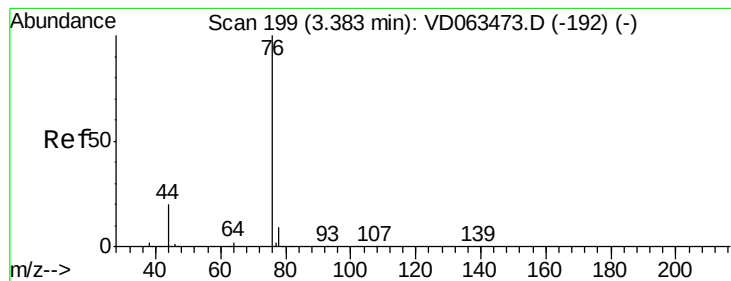
43 100

58 16.9 11.4 17.2



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





#17

Carbon Disulfide

Concen: 43.465 ug/l

RT: 3.37 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

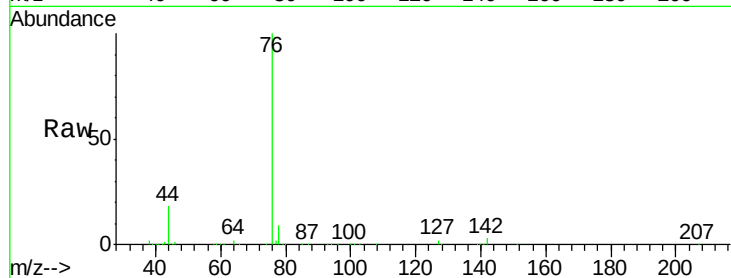
VSTDCCC050

Tot Ion: 76 Resp: 1242456

Ion Ratio Lower Upper

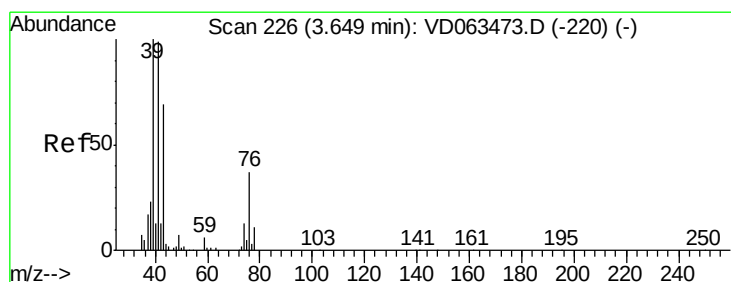
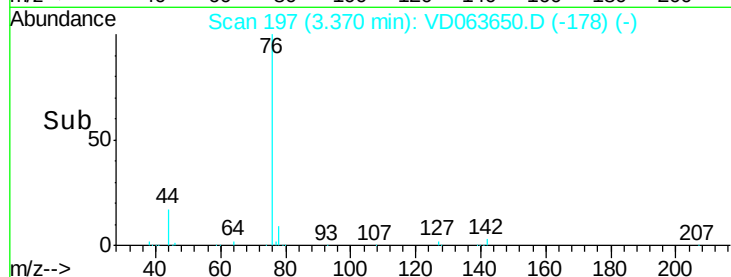
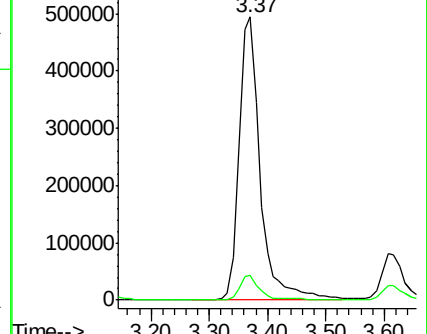
76 100

78 8.9 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 47.911 ug/l

RT: 3.64 min Scan# 224

Delta R.T. -0.01 min

Lab File: VD063650.D

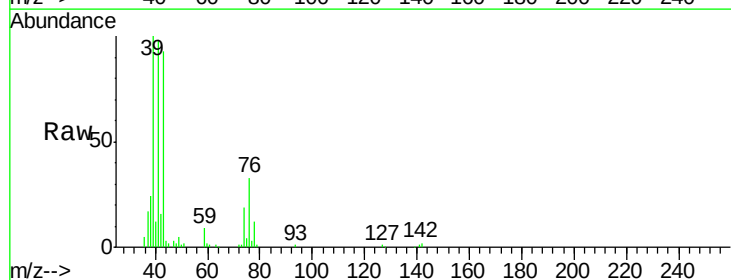
Acq: 19 Aug 2019 11:36

Tgt Ion: 43 Resp: 221028

Ion Ratio Lower Upper

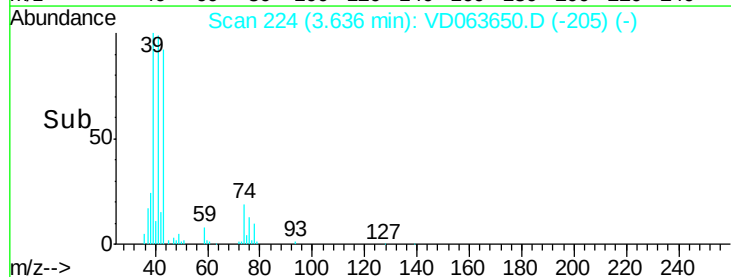
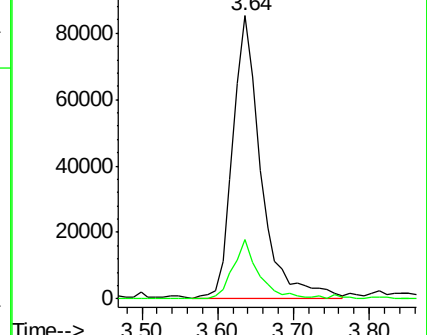
43 100

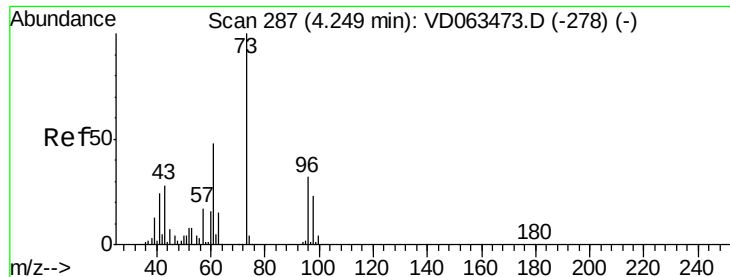
74 20.8 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

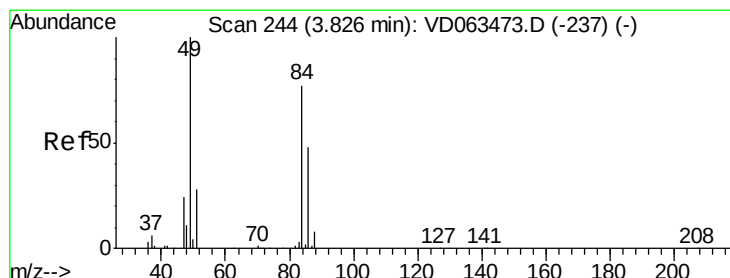
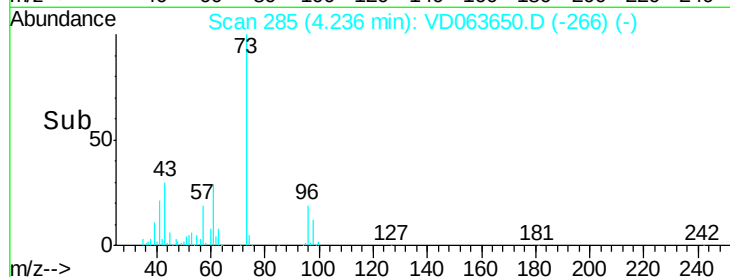
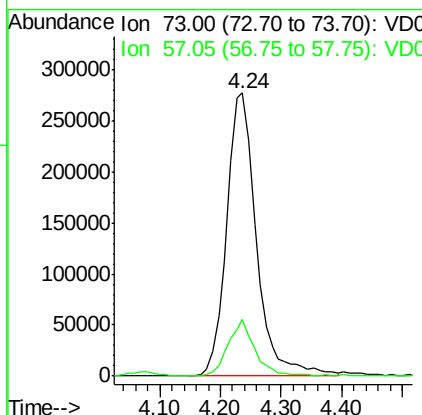
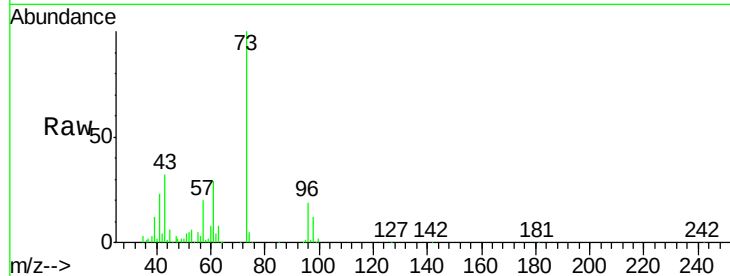




#19
Methyl tert-butyl Ether
Concen: 52.319 ug/l
RT: 4.24 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

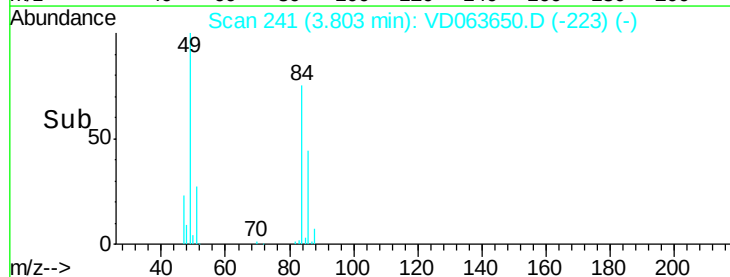
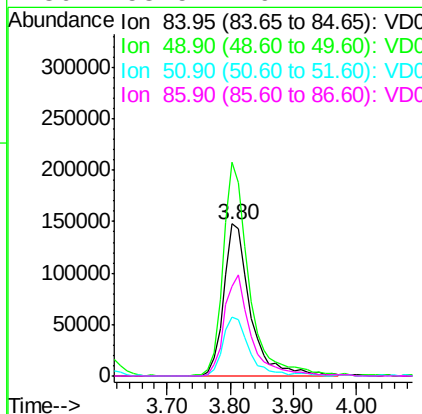
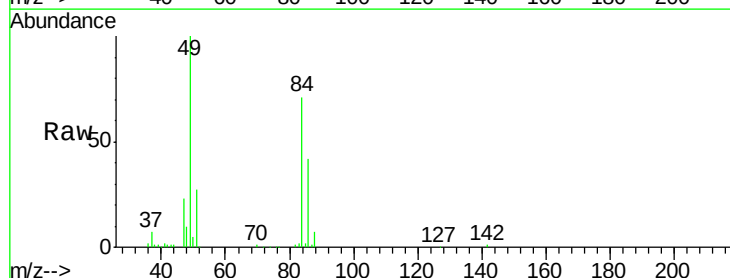
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

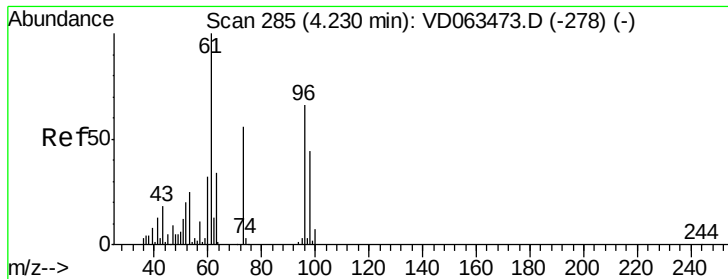
Tot Ion: 73 Resp: 947679
Ion Ratio Lower Upper
73 100
57 19.9 14.0 21.0



#20
Methylene Chloride
Concen: 41.079 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 84 Resp: 432639
Ion Ratio Lower Upper
84 100
49 140.3 103.4 155.2
51 38.3 28.5 42.7
86 58.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 47.000 ug/l

RT: 4.22 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

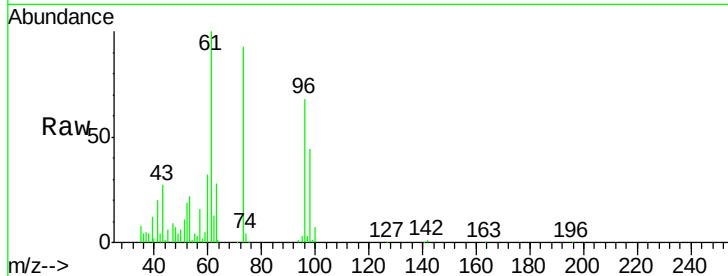
Tot Ion: 96 Resp: 447960

Ion Ratio Lower Upper

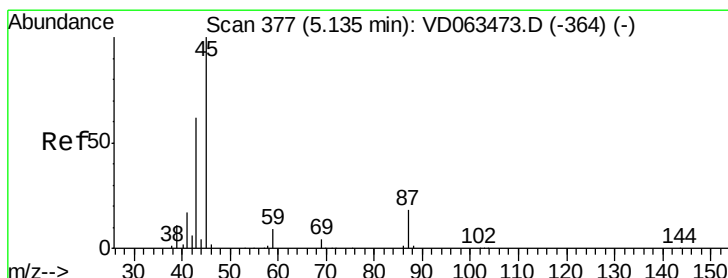
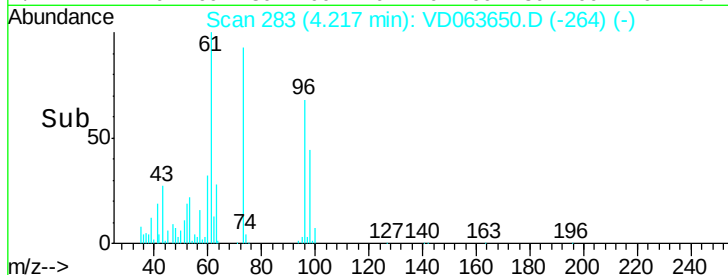
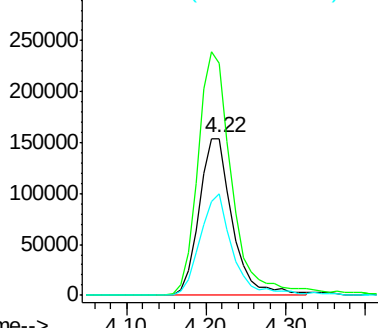
96 100

61 147.6 121.7 182.5

98 64.2 54.2 81.2



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



#22

Diisopropyl ether

Concen: 47.227 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Tgt Ion: 45 Resp: 1326907

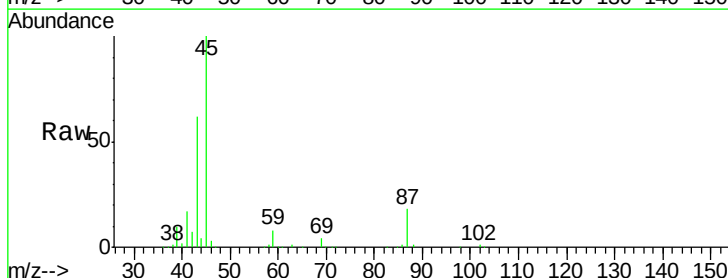
Ion Ratio Lower Upper

45 100

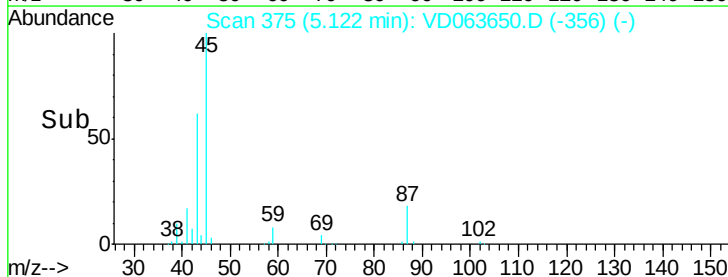
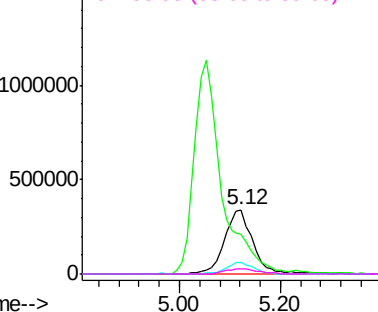
43 62.4 50.3 75.5

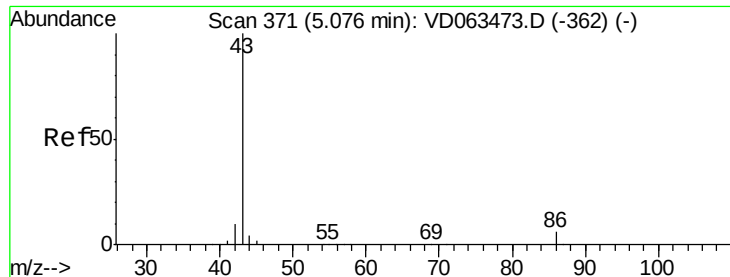
87 18.1 14.3 21.5

59 8.5 7.7 11.5



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: 262.194 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

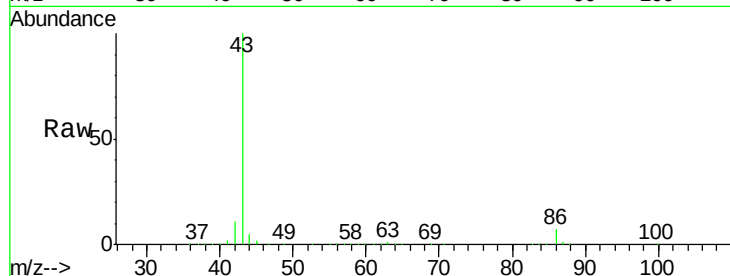
VSTDCCC050

Tot Ion: 43 Resp: 4282650

Ion Ratio Lower Upper

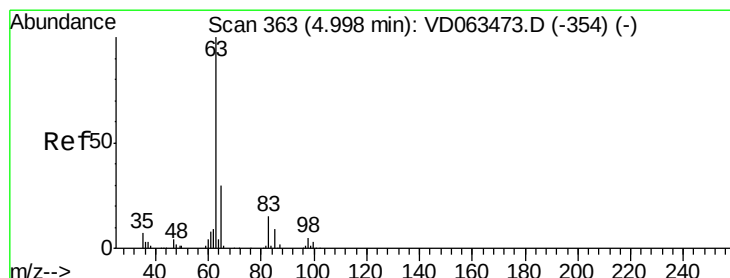
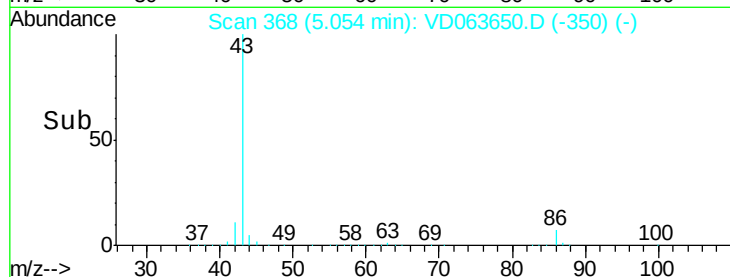
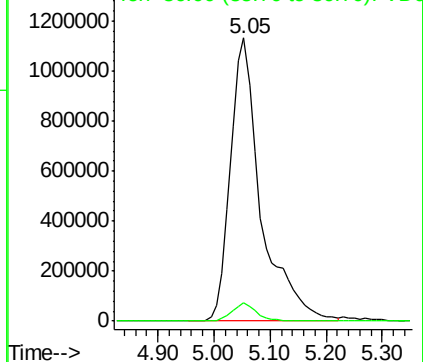
43 100

86 6.6 4.8 7.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.497 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

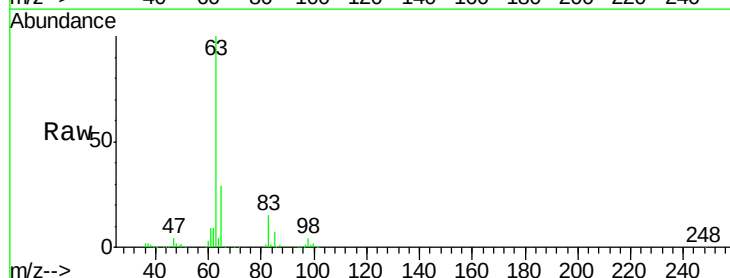
Tgt Ion: 63 Resp: 845122

Ion Ratio Lower Upper

63 100

98 3.9 2.4 7.2

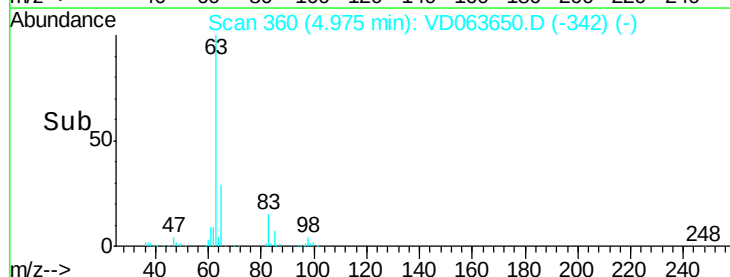
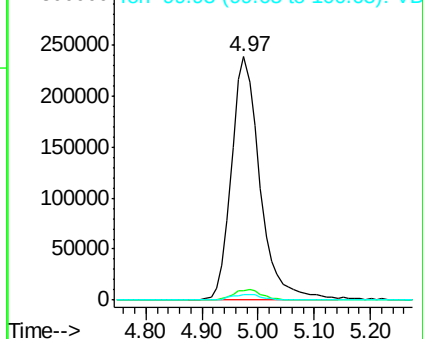
100 2.0 1.3 3.8

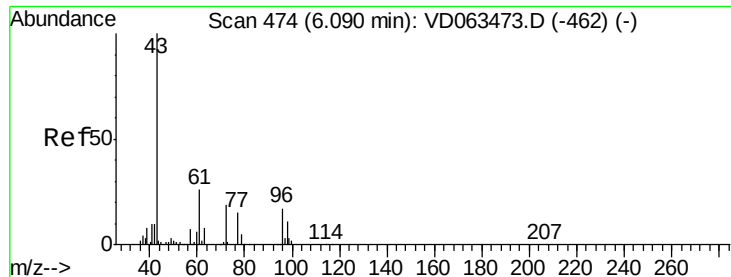


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 251.864 ug/l

RT: 6.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

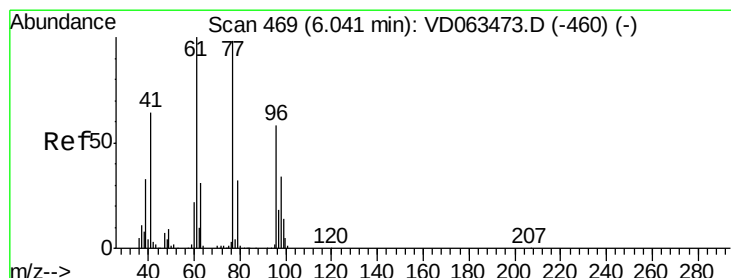
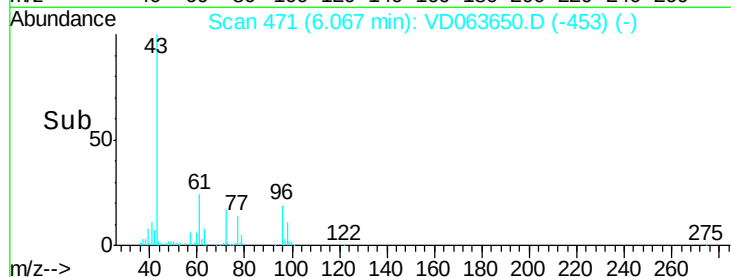
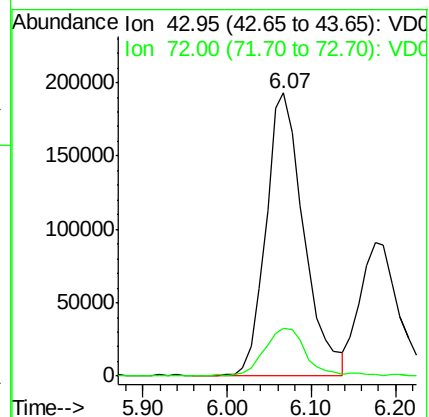
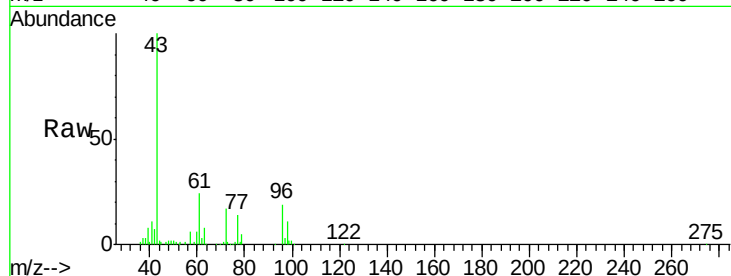
VSTDCCC050

Tot Ion: 43 Resp: 605851

Ion Ratio Lower Upper

43 100

72 17.1 15.1 22.7



#26

2,2-Dichloropropane

Concen: 50.452 ug/l

RT: 6.02 min Scan# 466

Delta R.T. -0.02 min

Lab File: VD063650.D

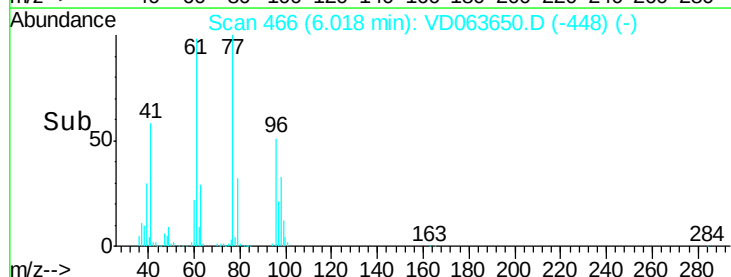
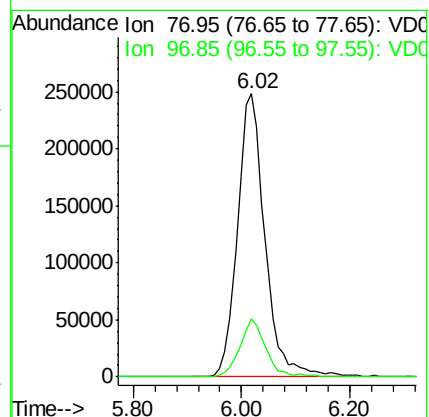
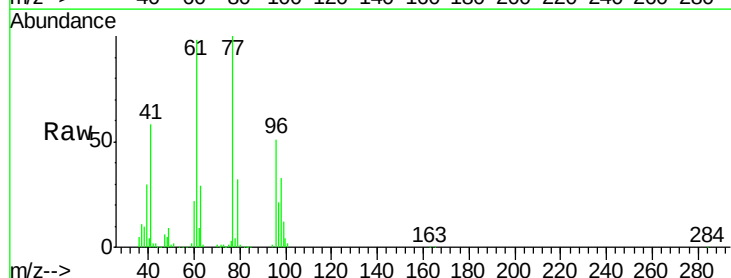
Acq: 19 Aug 2019 11:36

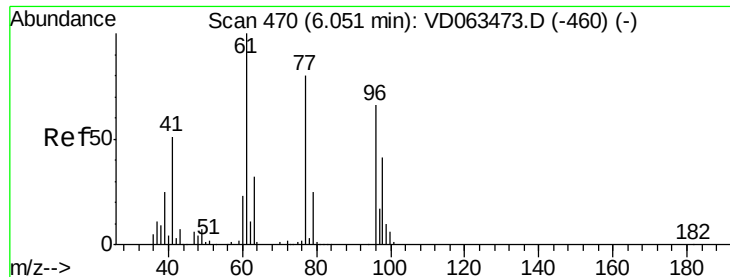
Tgt Ion: 77 Resp: 875704

Ion Ratio Lower Upper

77 100

97 20.8 9.0 27.1



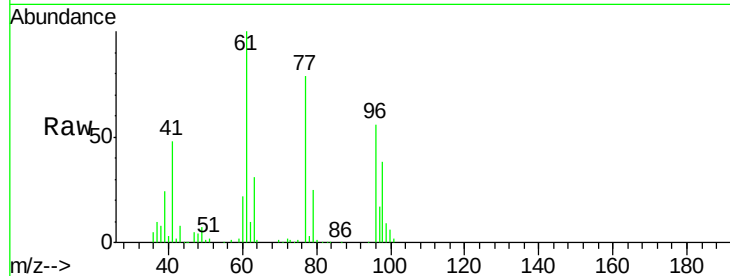


#27

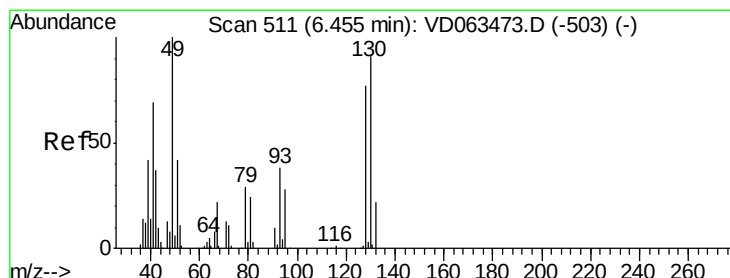
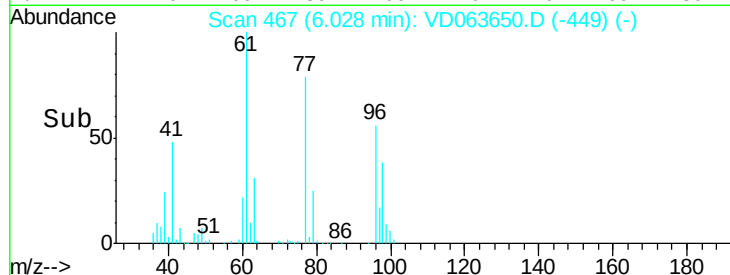
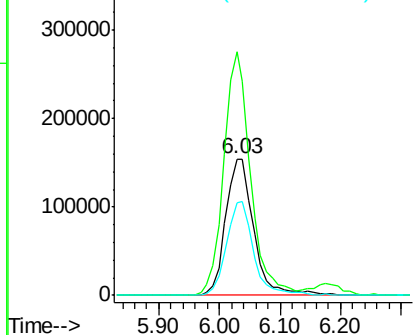
cis-1,2-Dichloroethene
Concen: 47.587 ug/l
RT: 6.03 min Scan# 467
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	178.9	0.0	304.0
98	68.4	0.0	124.8



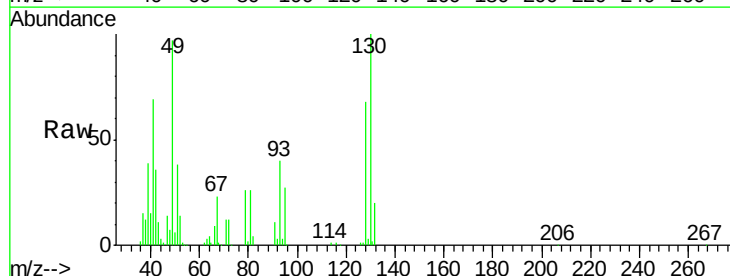
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



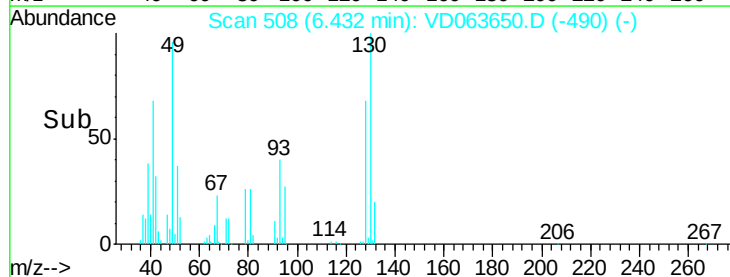
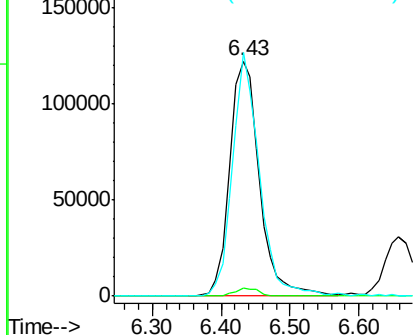
#28

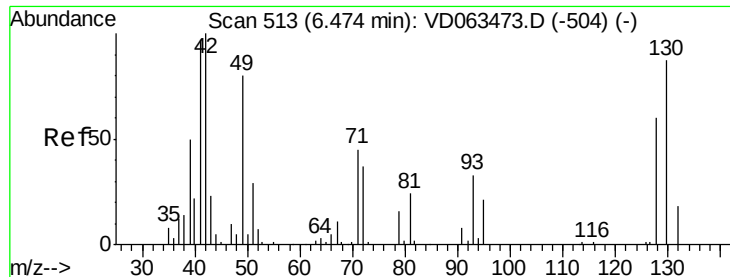
Bromochloromethane
Concen: 51.891 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	6.4
130	103.5	72.4	108.6



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





#29

Tetrahydrofuran

Concen: 263.416 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

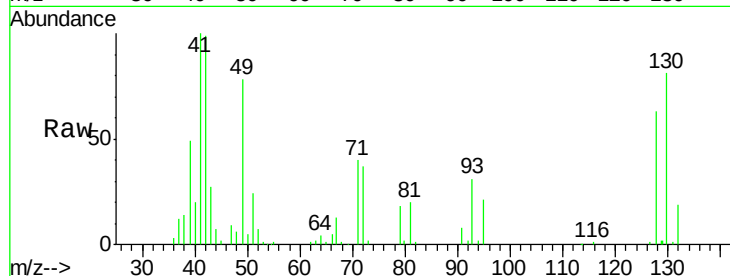
Tot Ion: 42 Resp: 295260

Ion Ratio Lower Upper

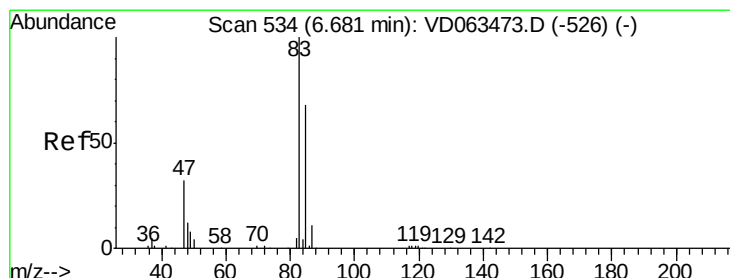
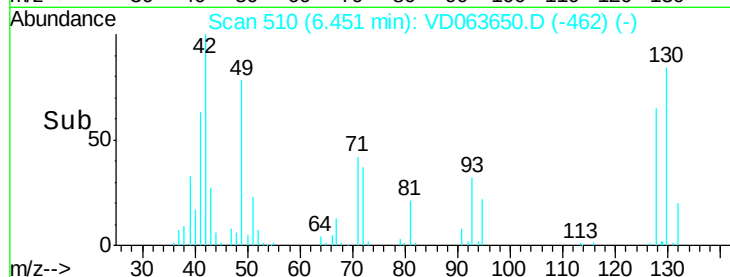
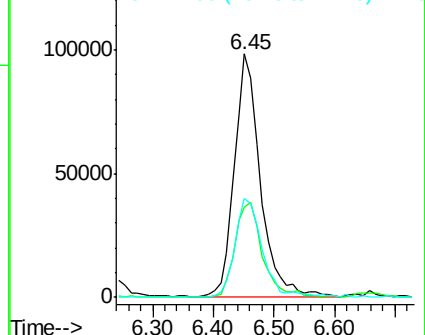
42 100

72 40.9 31.5 47.3

71 42.0 33.8 50.8



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



#30

Chloroform

Concen: 45.130 ug/l

RT: 6.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: VD063650.D

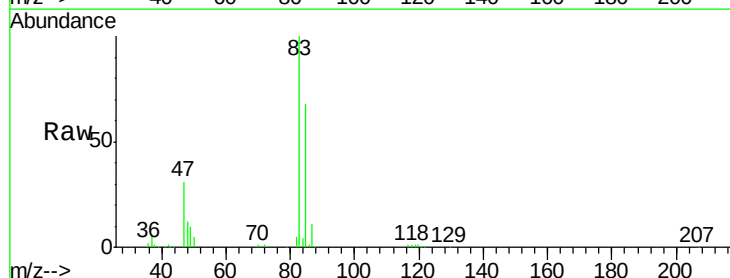
Acq: 19 Aug 2019 11:36

Tgt Ion: 83 Resp: 977539

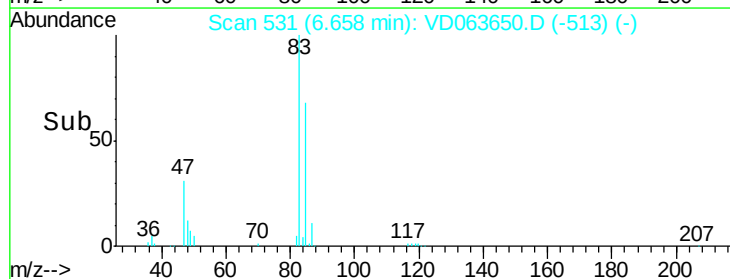
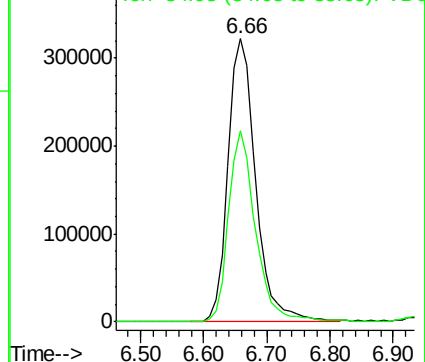
Ion Ratio Lower Upper

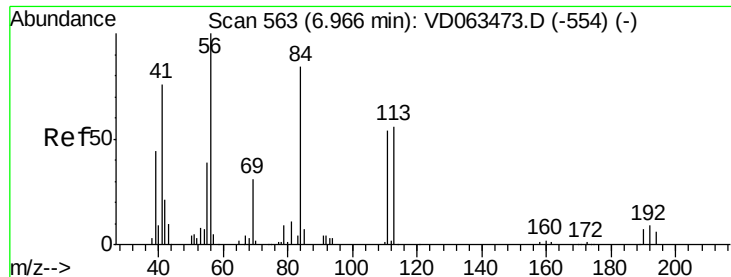
83 100

85 67.5 54.8 82.2



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

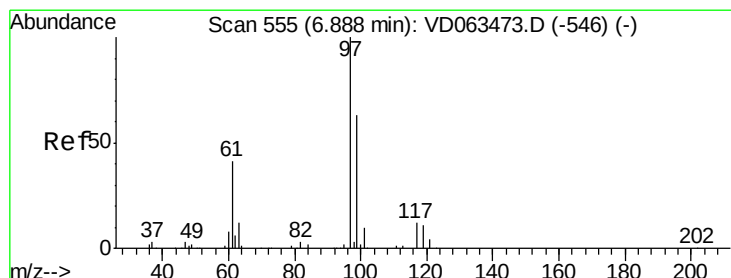
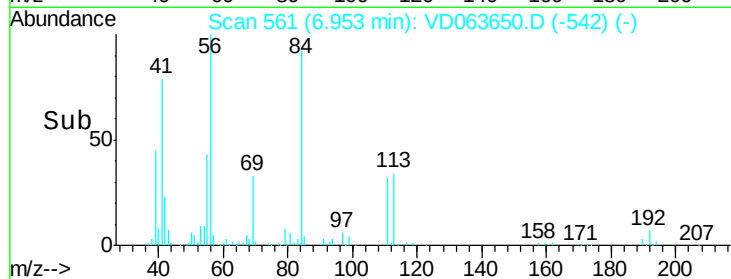
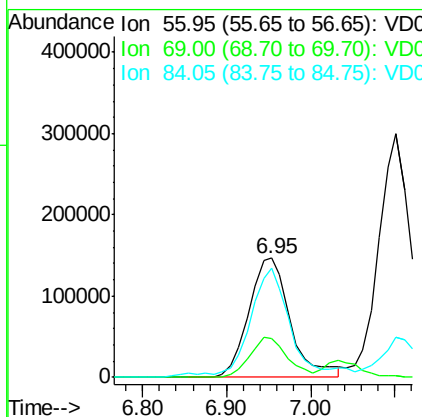
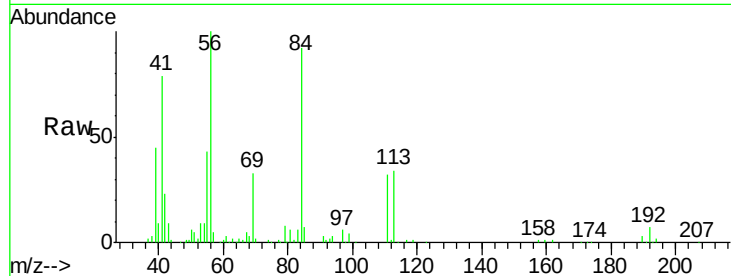




#31
Cyclohexane
Concen: 46.635 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

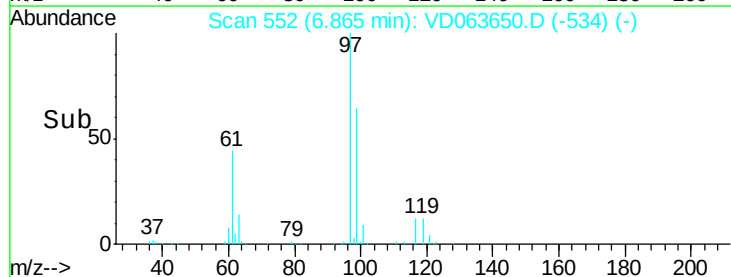
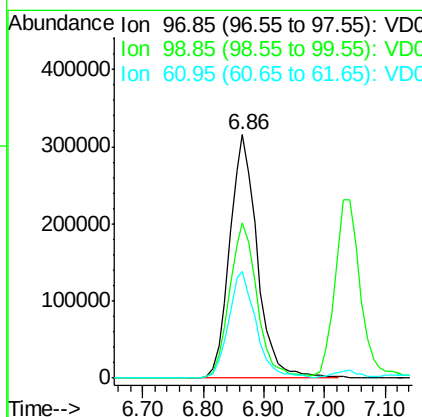
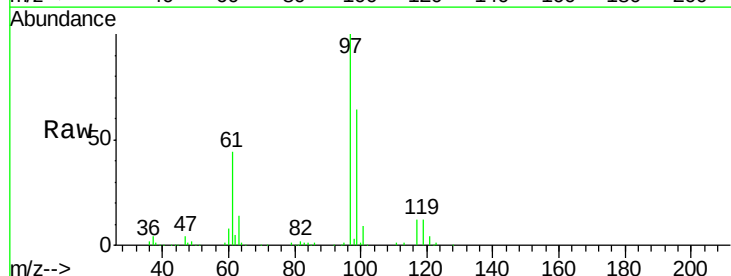
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

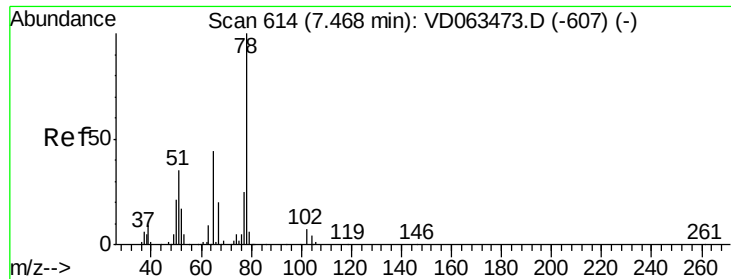
Tot Ion: 56 Resp: 504511
Ion Ratio Lower Upper
56 100
69 33.0 25.0 37.6
84 92.1 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 48.107 ug/l
RT: 6.86 min Scan# 552
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 97 Resp: 996784
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.4
61 43.6 33.1 49.7

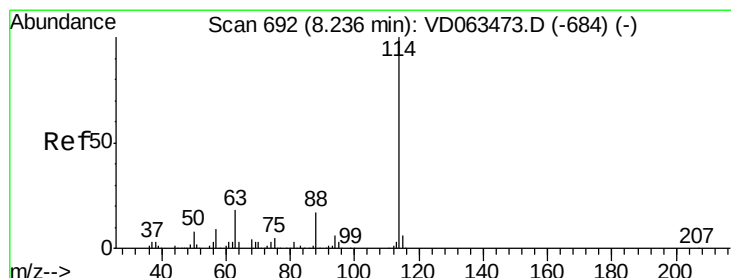
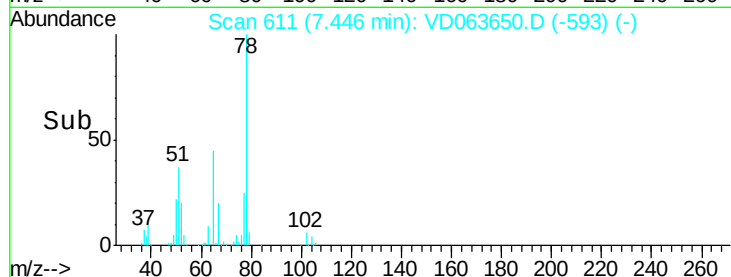
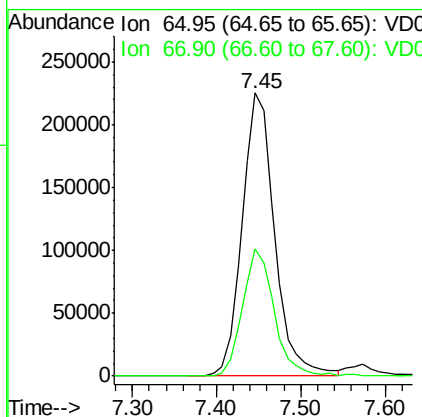
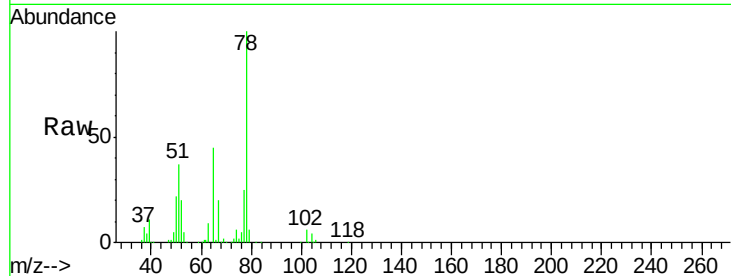




#33
 1,2-Dichloroethane-d4
 Concen: 50.705 ug/l
 RT: 7.45 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

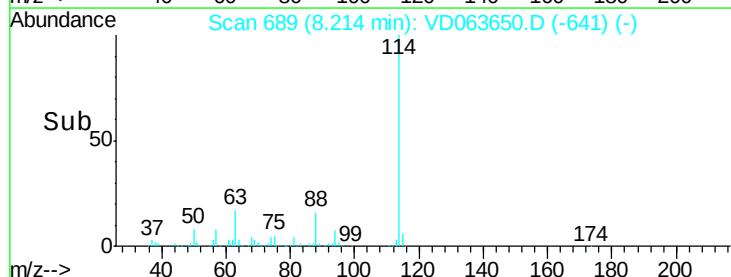
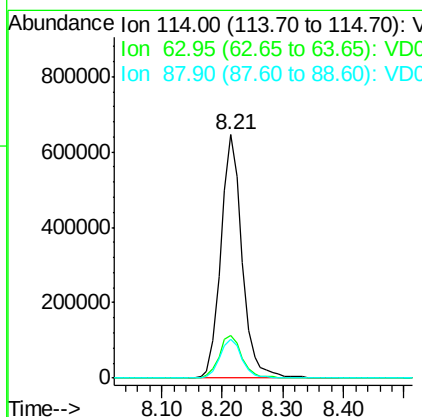
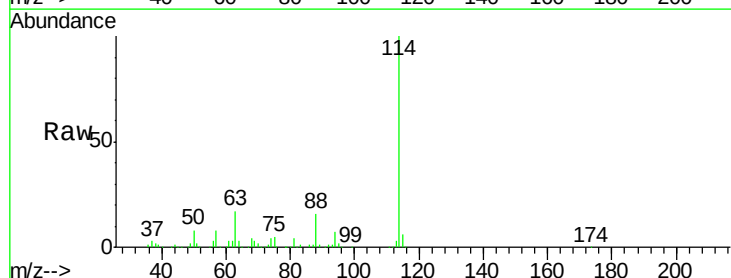
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

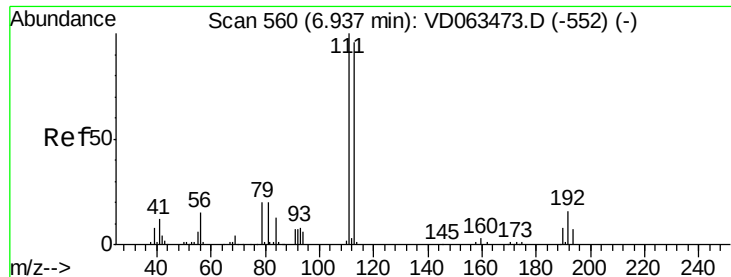
Tot Ion: 65 Resp: 607513
 Ion Ratio Lower Upper
 65 100
 67 44.8 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 114 Resp: 1569687
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.2
 88 16.2 0.0 35.0

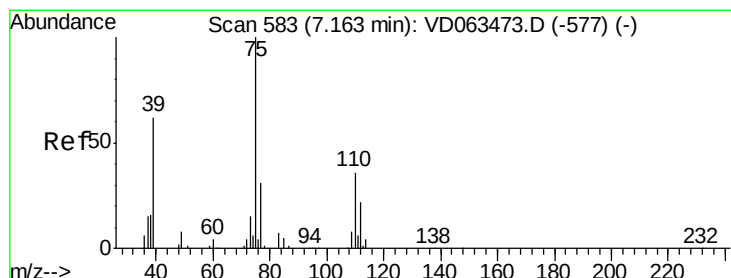
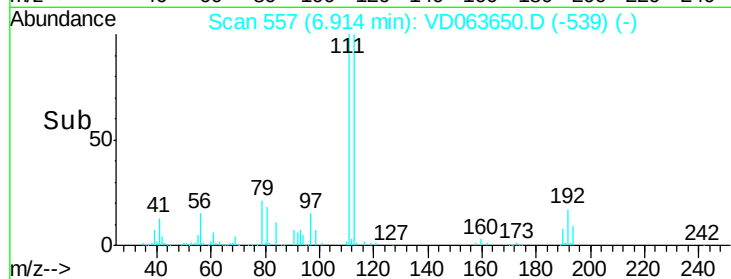
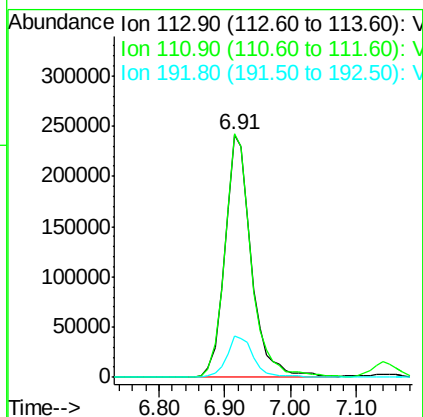
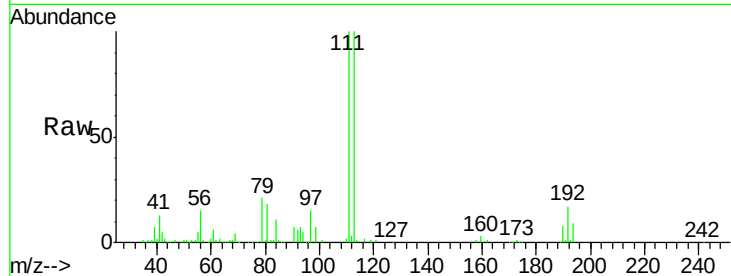




#35
 Dibromofluoromethane
 Concen: 51.186 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

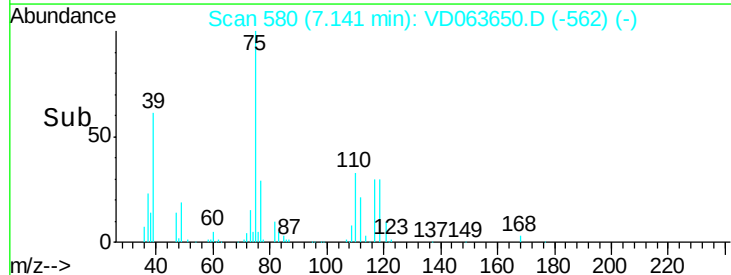
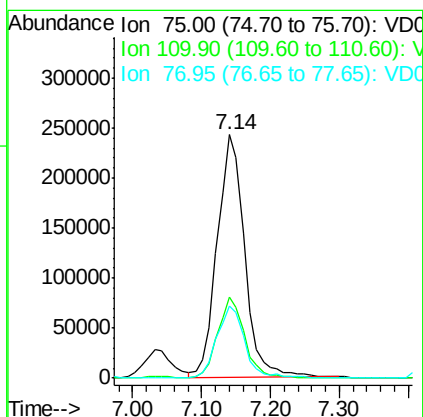
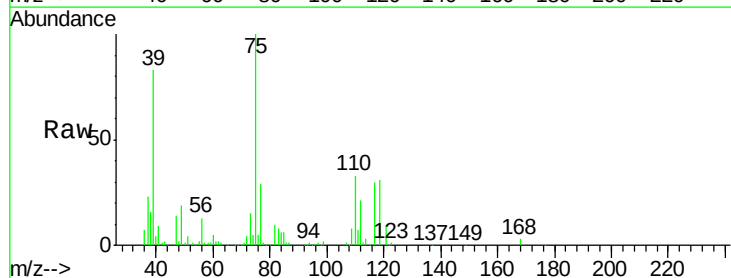
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

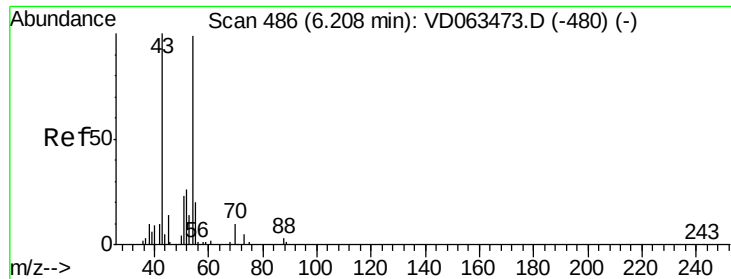
Tot Ion:113 Resp: 676678
 Ion Ratio Lower Upper
 113 100
 111 100.5 83.1 124.7
 192 17.3 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 48.371 ug/l
 RT: 7.14 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 75 Resp: 671219
 Ion Ratio Lower Upper
 75 100
 110 33.2 17.6 52.8
 77 29.4 24.3 36.5

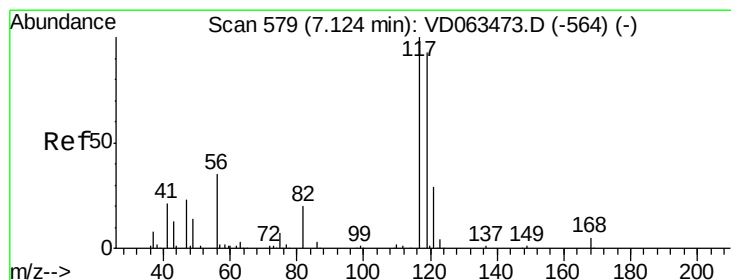
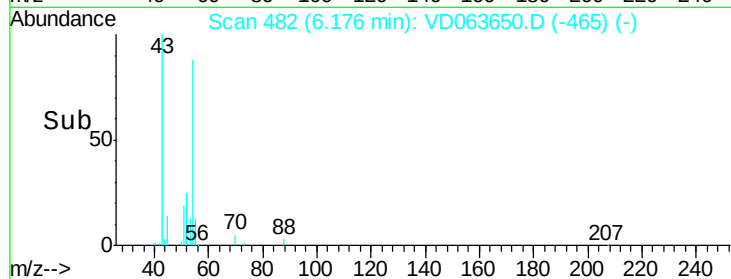
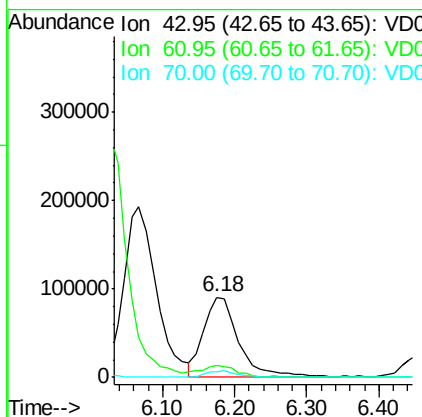
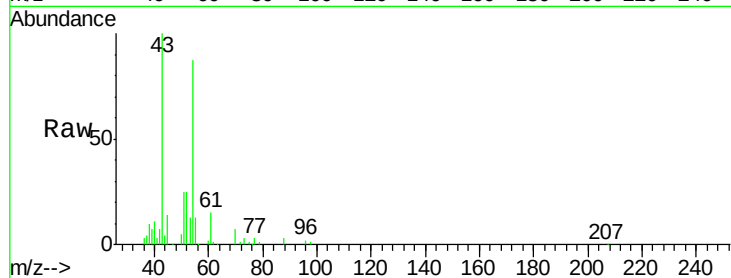




#37
Ethyl Acetate
Concen: 51.062 ug/l
RT: 6.18 min Scan# 482
Delta R.T. -0.03 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

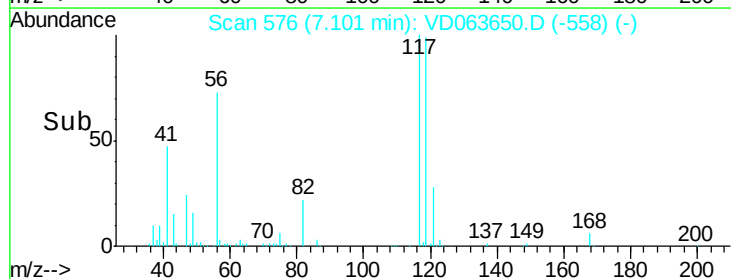
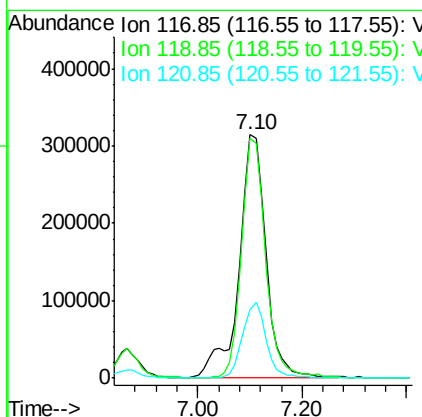
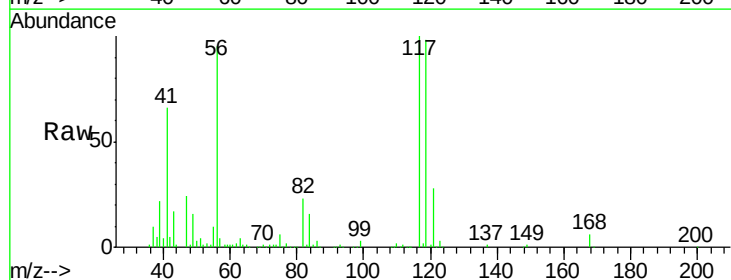
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

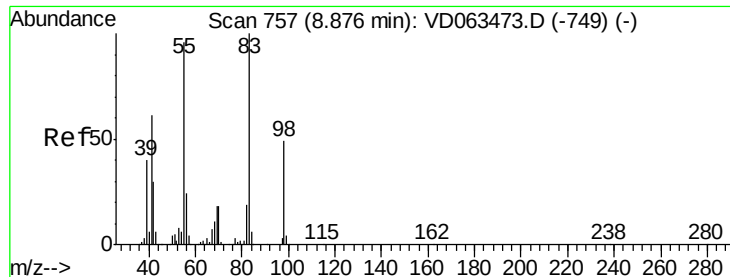
Tot Ion: 43 Resp: 296908
Ion Ratio Lower Upper
43 100
61 14.6 9.0 13.6#
70 6.5 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 52.193 ug/l
RT: 7.10 min Scan# 576
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 117 Resp: 1091528
Ion Ratio Lower Upper
117 100
119 98.4 74.2 111.2
121 28.0 23.1 34.7

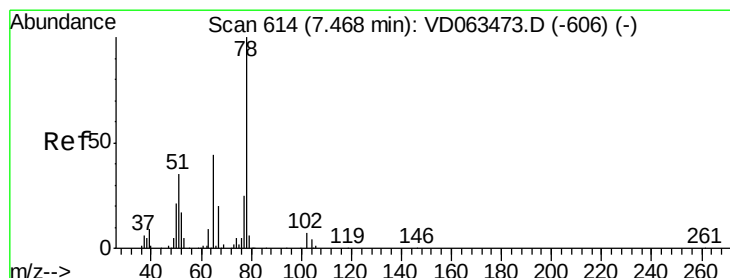
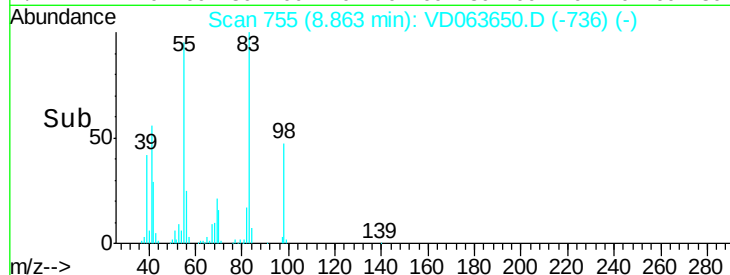
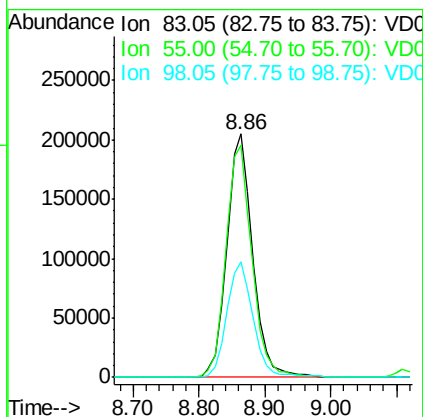
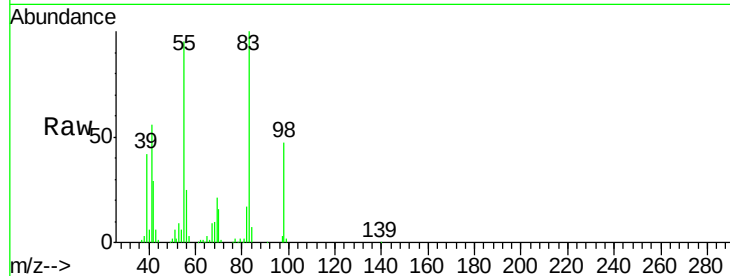




#39
Methylvlcyclohexane
Concen: 47.731 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

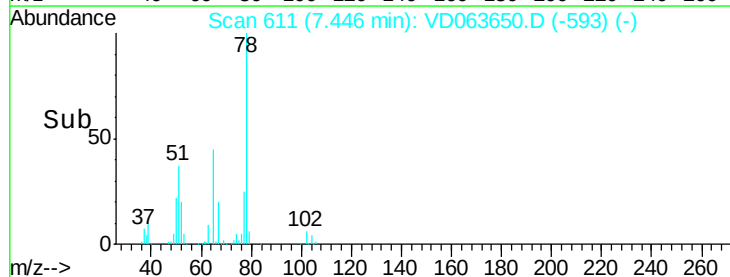
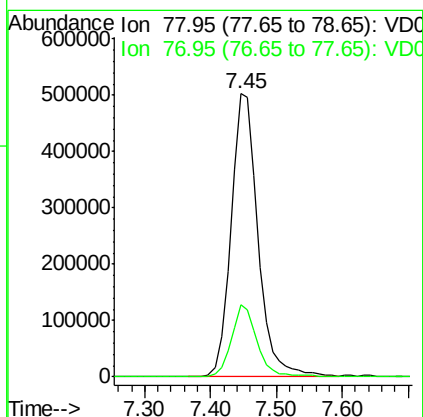
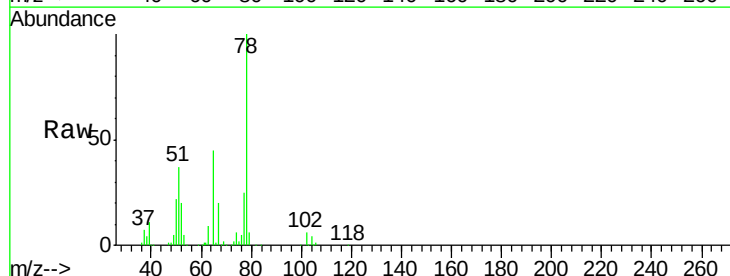
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

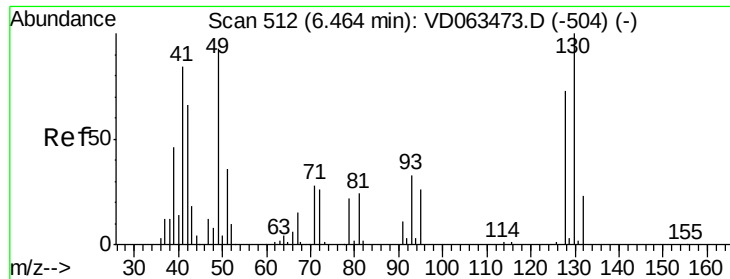
Tot Ion: 83 Resp: 563212
Ion Ratio Lower Upper
83 100
55 95.3 76.6 114.8
98 47.4 39.4 59.0



#40
Benzene
Concen: 47.172 ug/l
RT: 7.45 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 78 Resp: 1440483
Ion Ratio Lower Upper
78 100
77 25.4 20.1 30.1

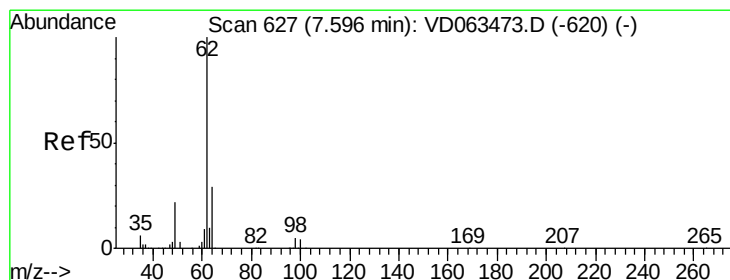
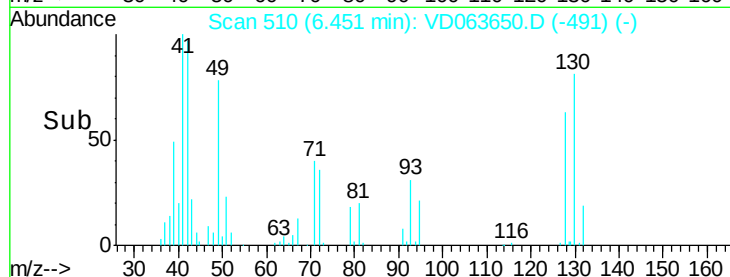
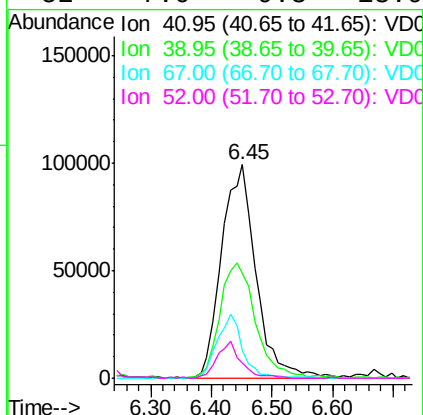
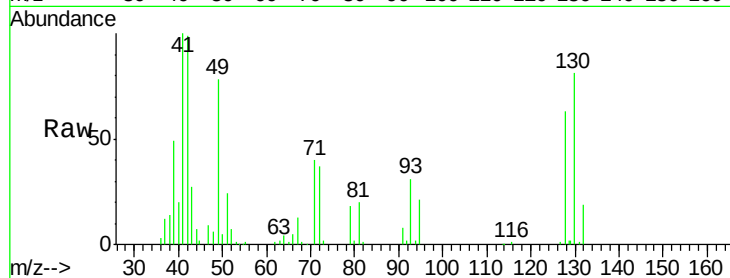




#41
Methacrylonitrile
Concen: 53.623 ug/l
RT: 6.45 min Scan# 510
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

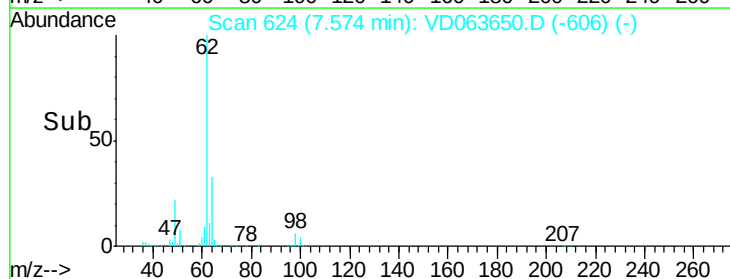
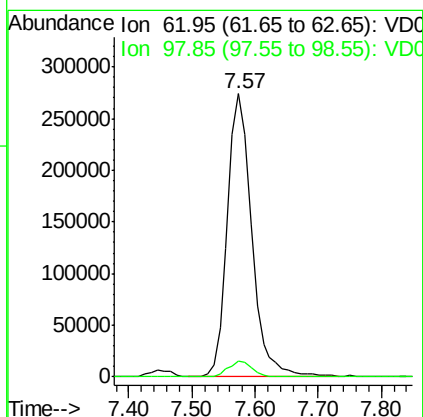
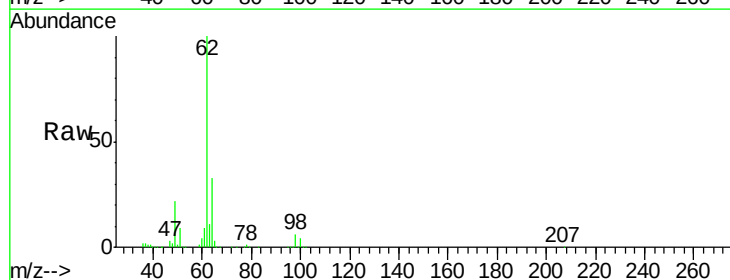
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

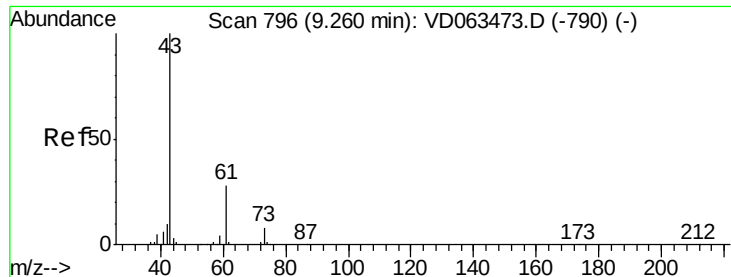
Tot Ion:	41	Resp:	392586
Ion	Ratio	Lower	Upper
41	100		
39	49.4	44.6	66.8
67	13.0	14.4	21.6#
52	7.0	9.3	13.9#



#42
1,2-Dichloroethane
Concen: 47.896 ug/l
RT: 7.57 min Scan# 624
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:	62	Resp:	735434
Ion	Ratio	Lower	Upper
62	100		
98	5.6	0.0	10.4





#43

Isopropyl Acetate

Concen: 54.386 ug/l

RT: 9.24 min Scan# 793

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

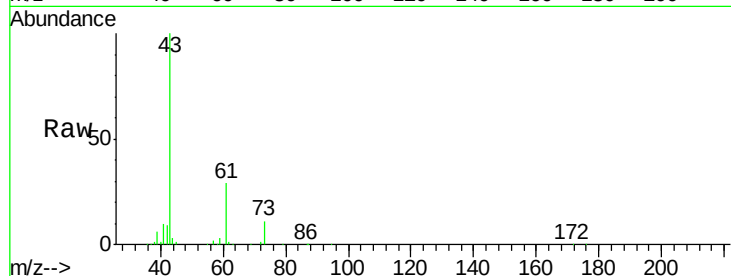
Tot Ion: 43 Resp: 423543

Ion Ratio Lower Upper

43 100

61 28.6 22.2 33.2

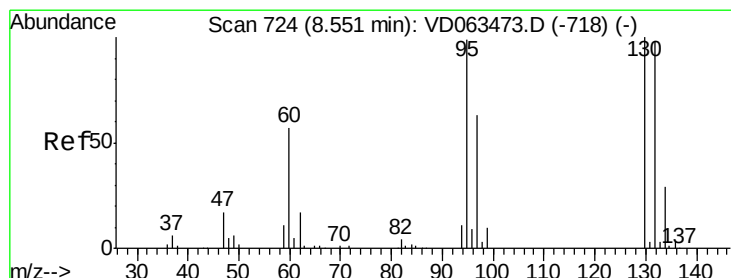
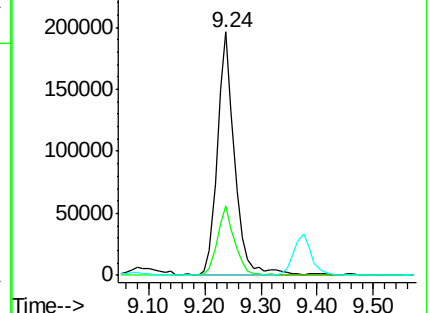
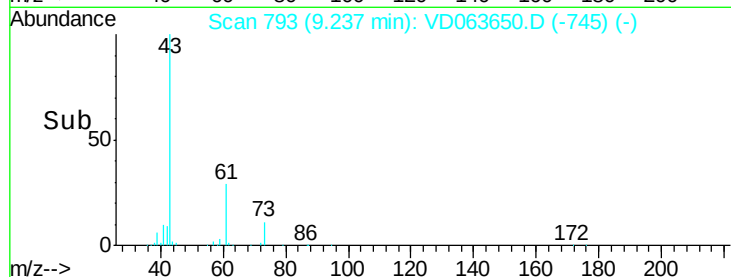
87 0.3 0.2 0.4



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: 44.894 ug/l

RT: 8.54 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD063650.D

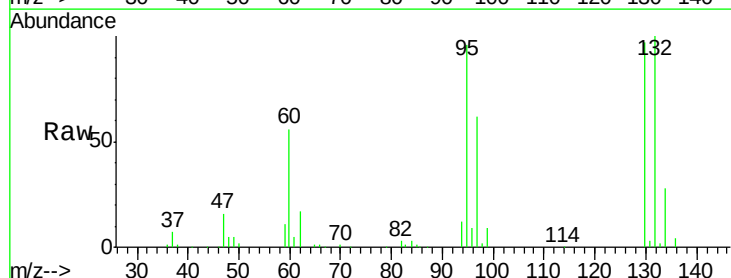
Acq: 19 Aug 2019 11:36

Tgt Ion:130 Resp: 524000

Ion Ratio Lower Upper

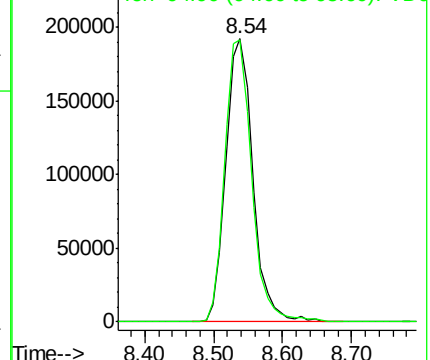
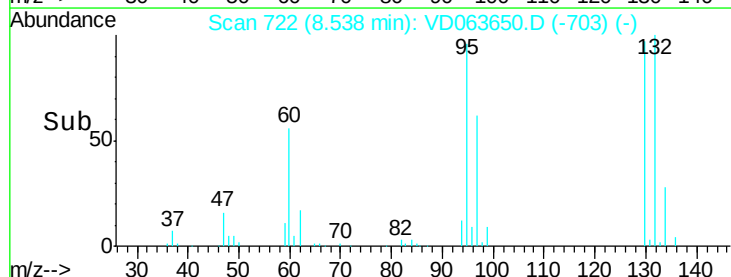
130 100

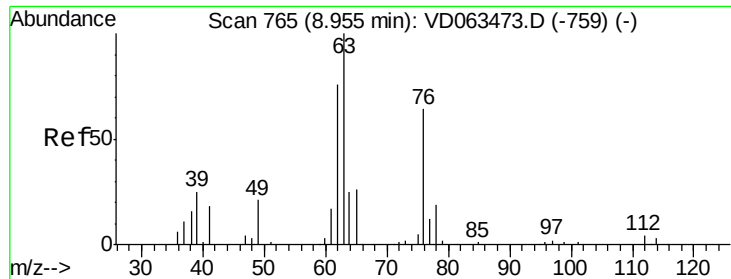
95 99.6 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.285 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

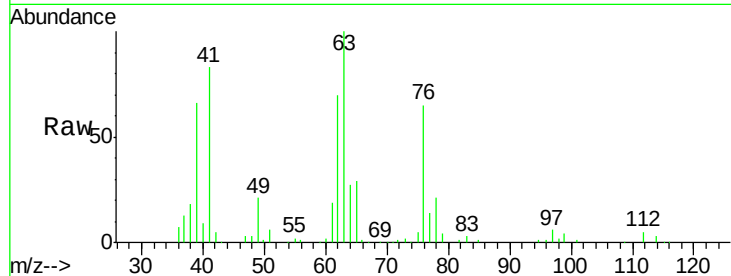
VSTDCCC050

Tot Ion: 63 Resp: 350483

Ion Ratio Lower Upper

63 100

65 28.9 22.5 33.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.94

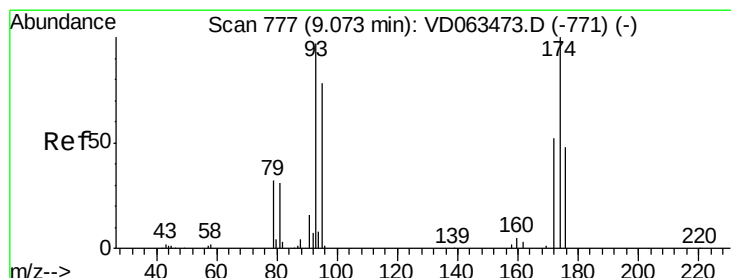
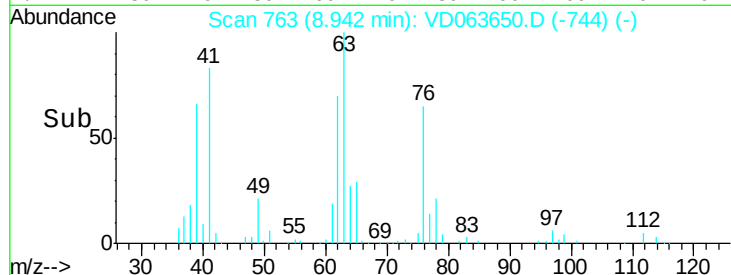
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 46.683 ug/l

RT: 9.06 min Scan# 775

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

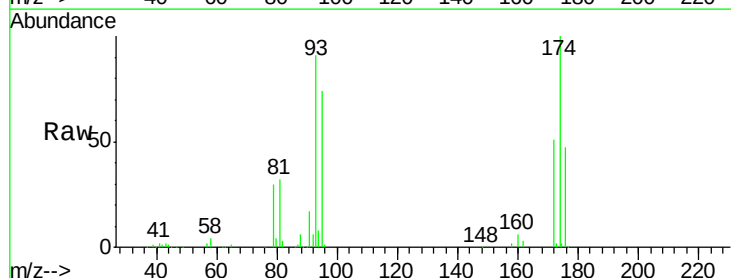
Tgt Ion: 93 Resp: 283503

Ion Ratio Lower Upper

93 100

95 82.0 64.2 96.2

174 110.2 82.1 123.1



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

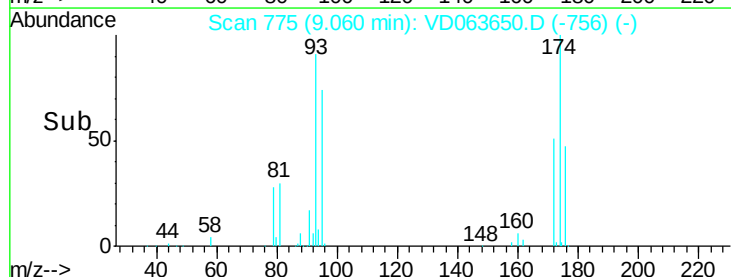
150000

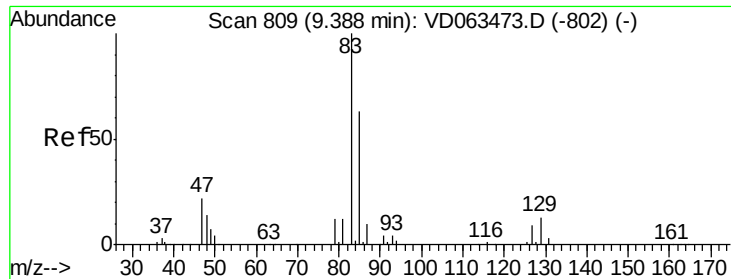
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 49.012 ug/l

RT: 9.38 min Scan# 807

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

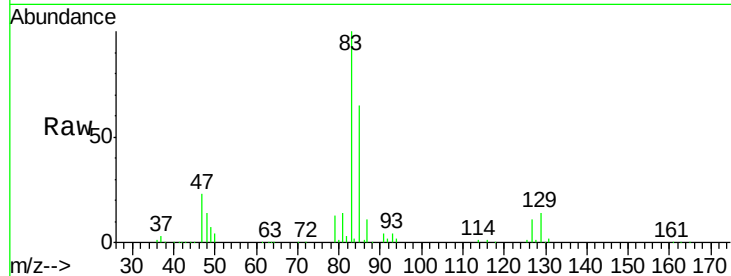
Tot Ion: 83 Resp: 763492

Ion Ratio Lower Upper

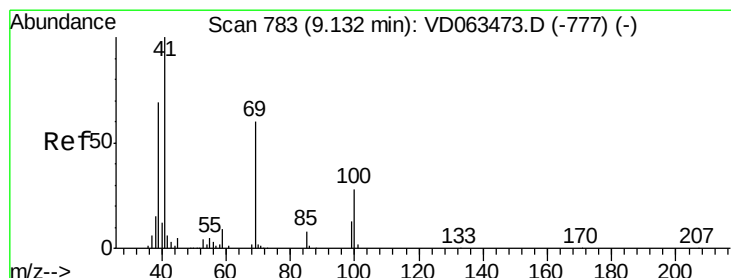
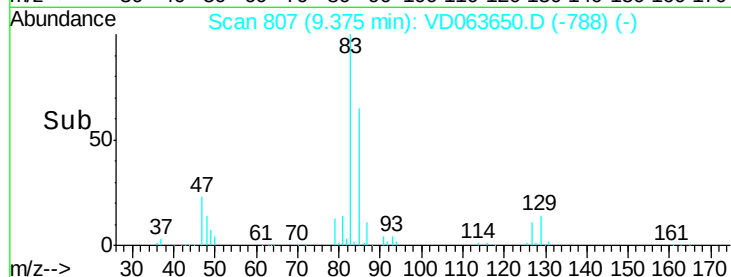
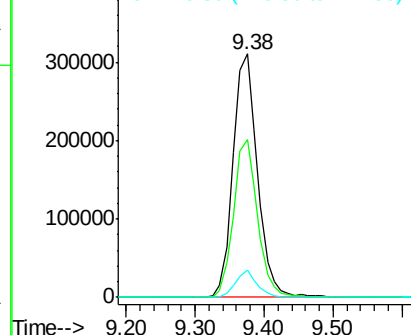
83 100

85 64.6 50.1 75.1

127 11.0 7.6 11.4



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



#48

Methyl methacrylate

Concen: 48.791 ug/l

RT: 9.11 min Scan# 780

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

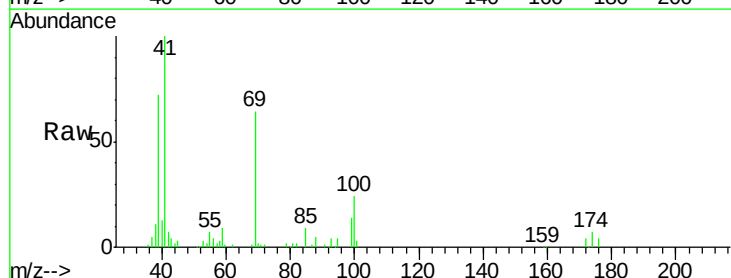
Tgt Ion: 41 Resp: 257687

Ion Ratio Lower Upper

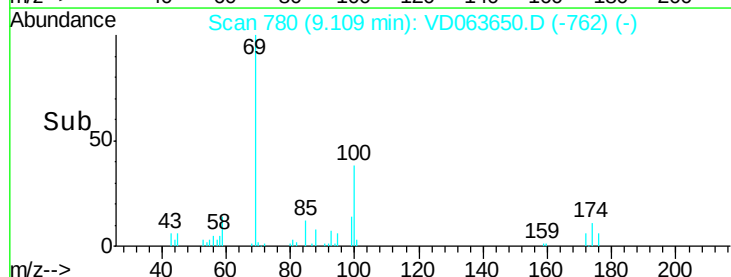
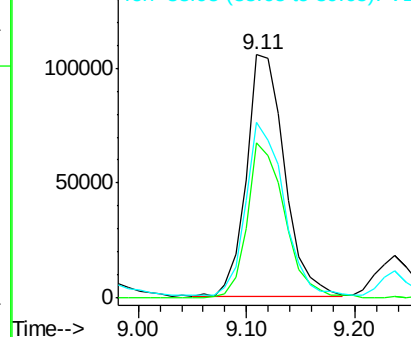
41 100

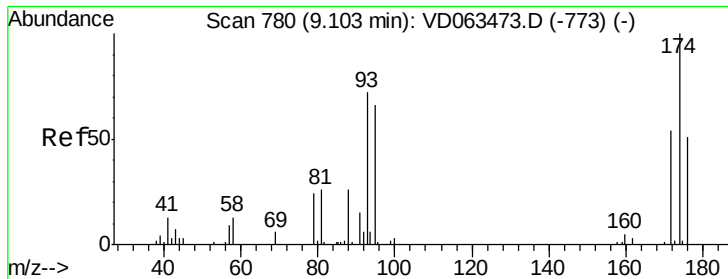
69 63.9 47.6 71.4

39 72.2 55.7 83.5



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

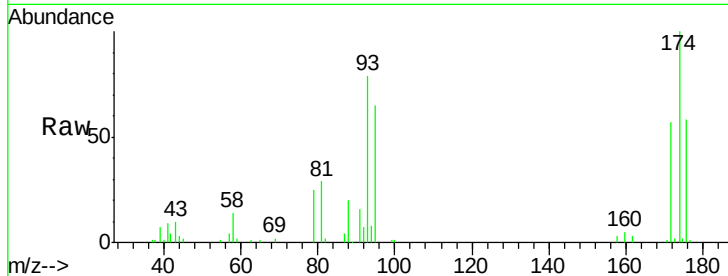




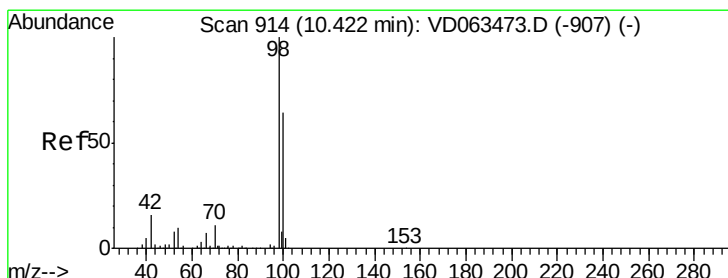
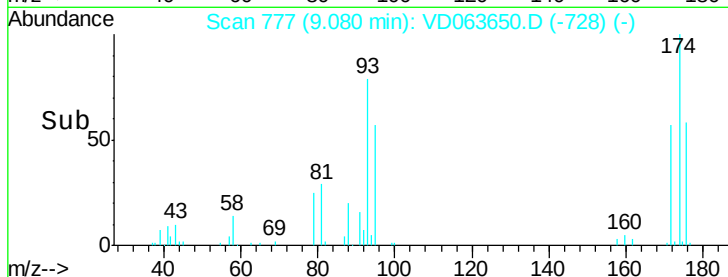
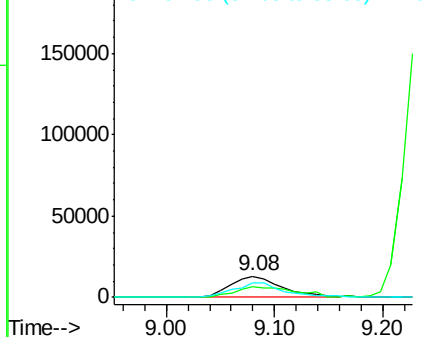
#49
1,4-Dioxane
Concen: 880.616 ug/l
RT: 9.08 min Scan# 777
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 41389
Ion Ratio Lower Upper
88 100
43 48.0 22.9 34.3#
58 68.0 40.1 60.1#

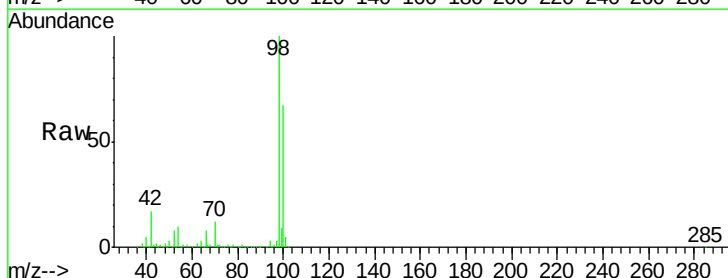


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

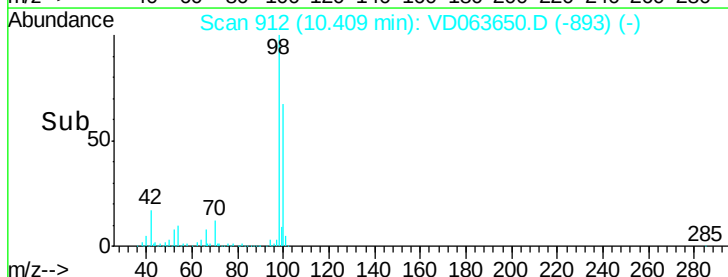
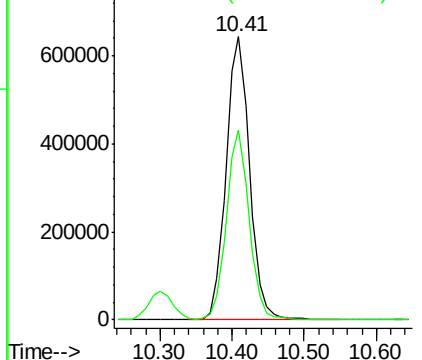


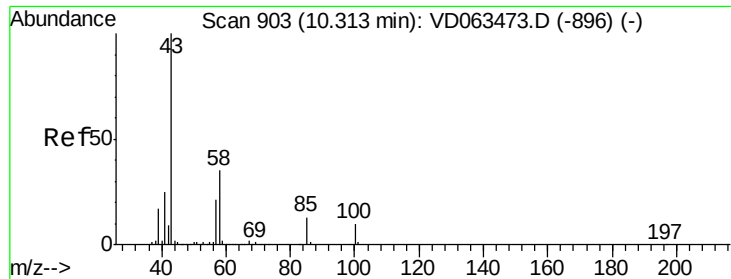
#50
Toluene-d8
Concen: 50.101 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 98 Resp: 1456172
Ion Ratio Lower Upper
98 100
100 67.2 51.7 77.5



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: 263.141 ug/l

RT: 10.30 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

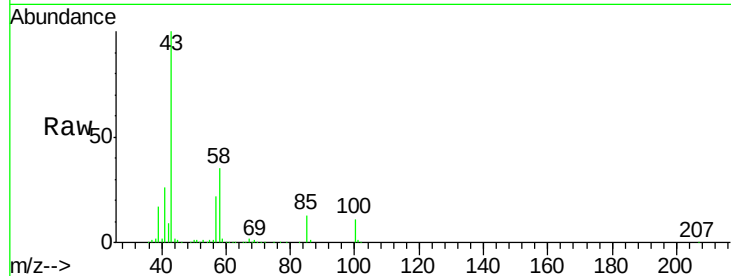
VSTDCCC050

Tot Ion: 43 Resp: 1402248

Ion Ratio Lower Upper

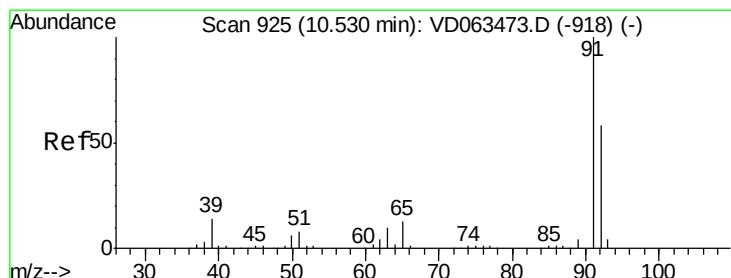
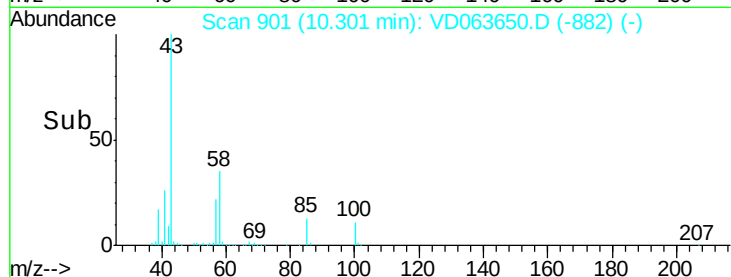
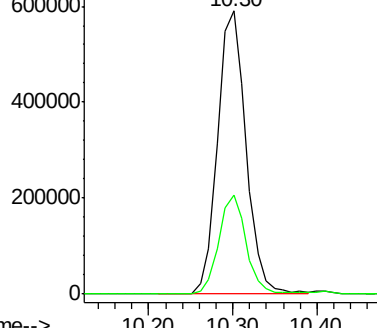
43 100

58 35.2 28.0 42.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 48.004 ug/l

RT: 10.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: VD063650.D

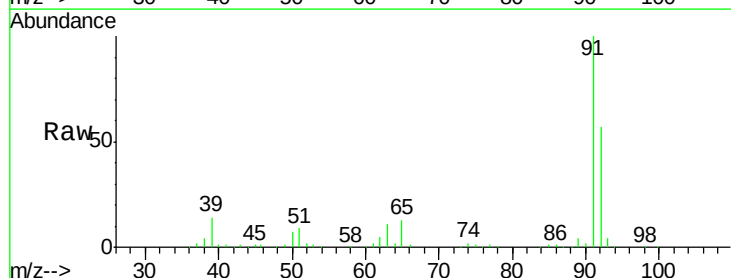
Acq: 19 Aug 2019 11:36

Tgt Ion: 92 Resp: 944183

Ion Ratio Lower Upper

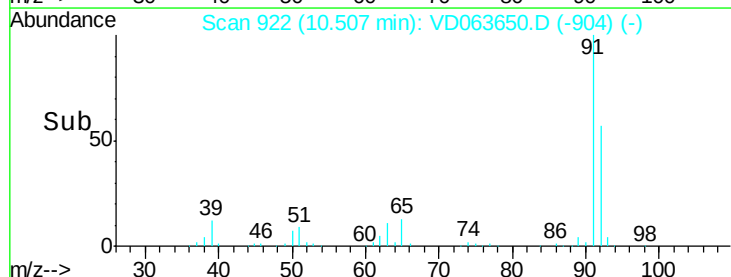
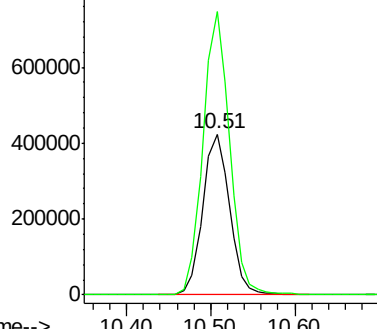
92 100

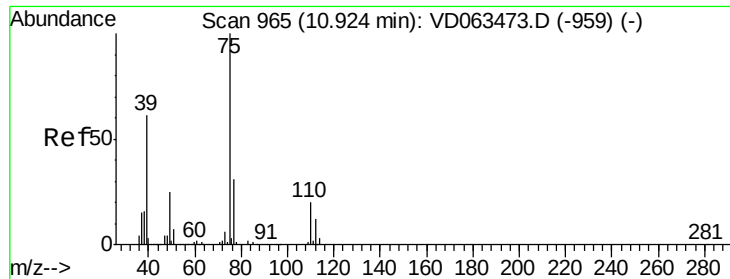
91 176.1 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

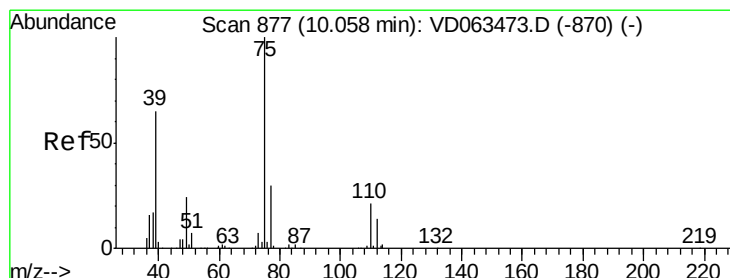
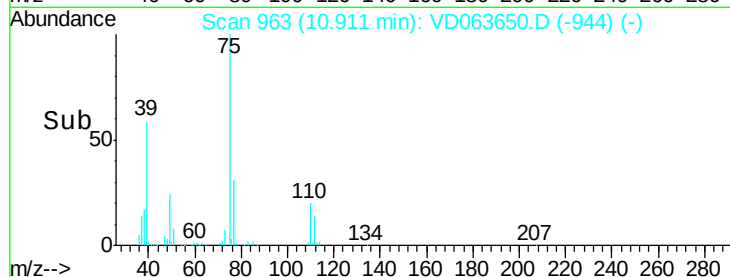
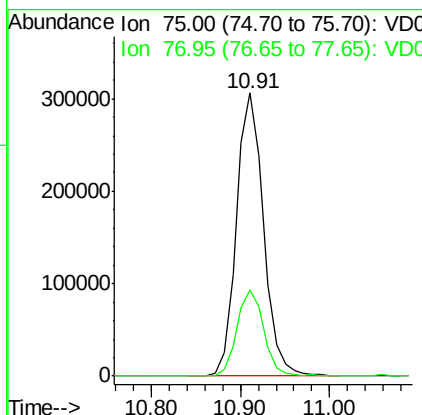
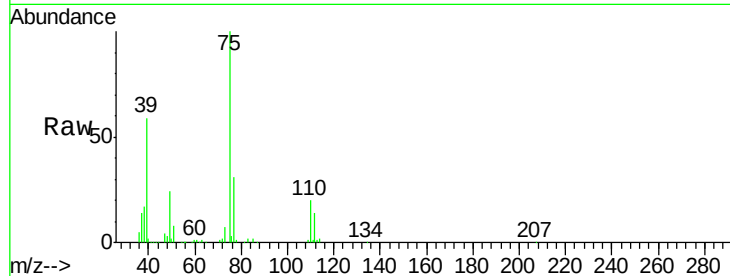




#53
t-1,3-Dichloropropene
Concen: 50.832 ug/l
RT: 10.91 min Scan# 963
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

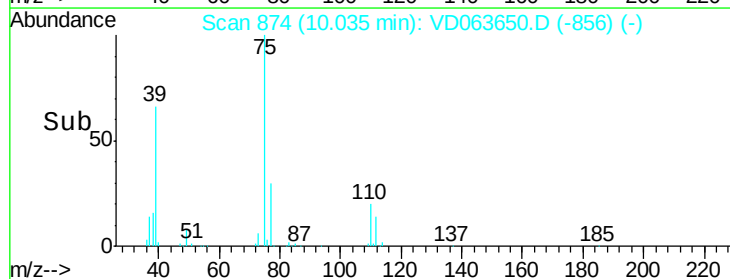
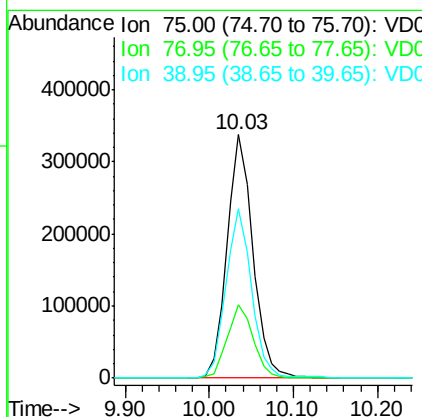
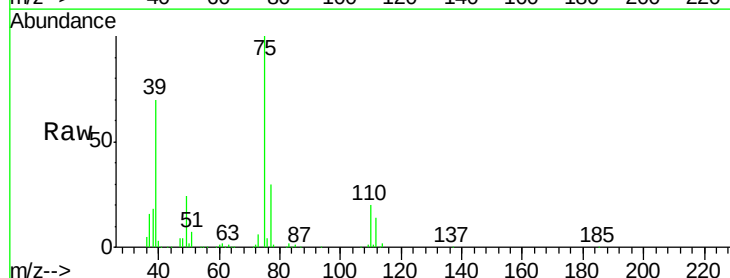
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

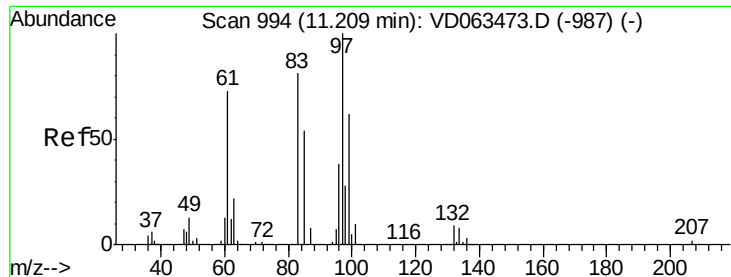
Tot Ion: 75 Resp: 646223
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 50.369 ug/l
RT: 10.03 min Scan# 874
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 75 Resp: 722037
Ion Ratio Lower Upper
75 100
77 30.2 23.7 35.5
39 69.7 52.2 78.4

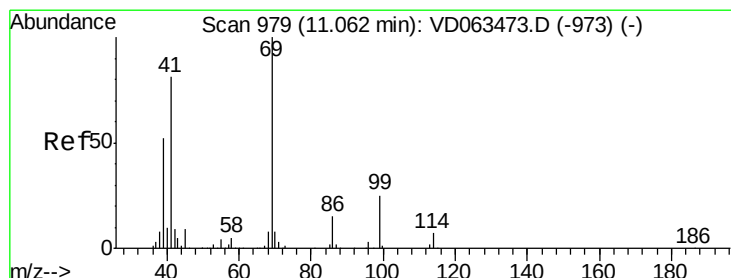
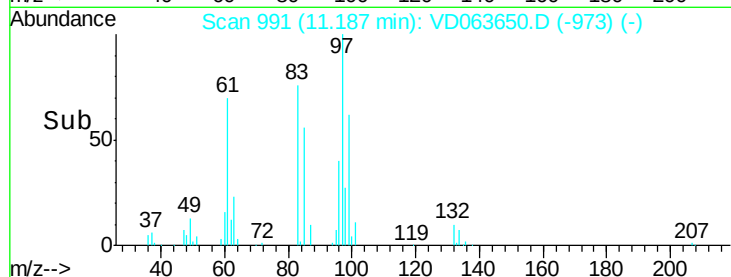
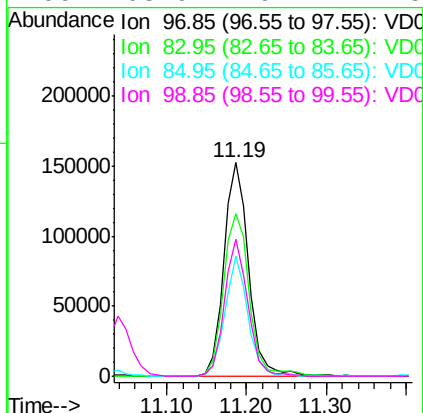
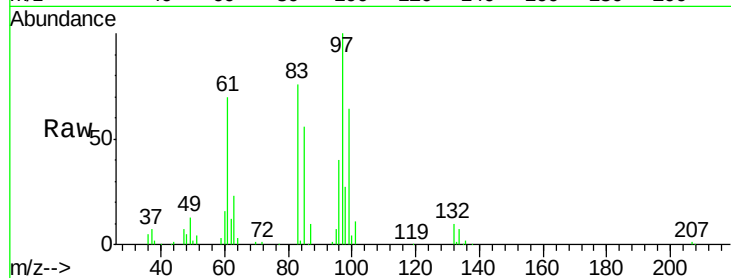




#55
 1,1,2-Trichloroethane
 Concen: 50.082 ug/l
 RT: 11.19 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

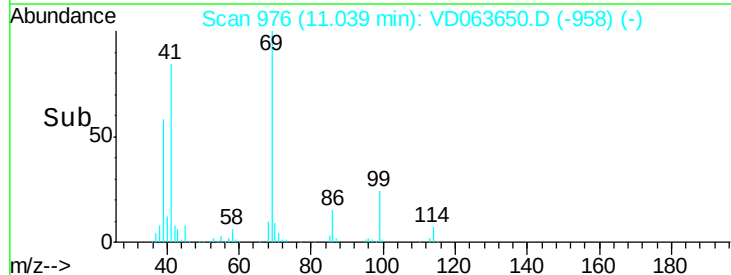
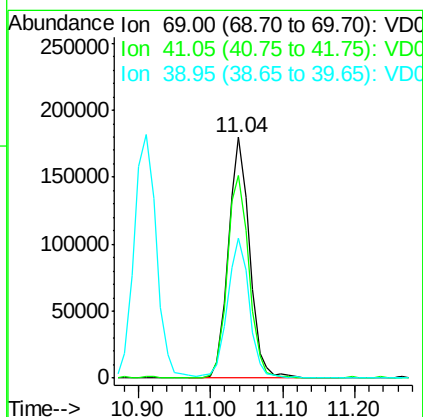
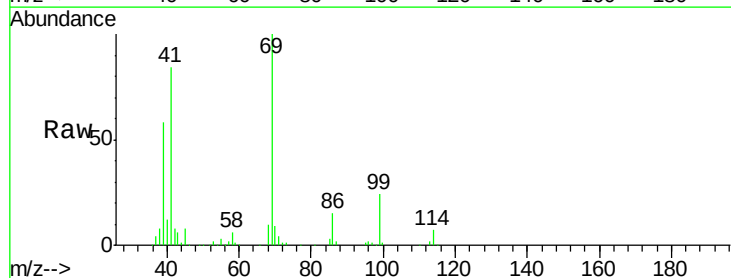
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

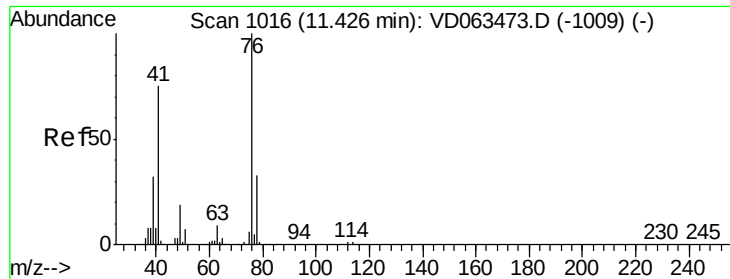
Tot Ion:	97	Resp:	332744
Ion	Ratio	Lower	Upper
97	100		
83	76.3	64.7	97.1
85	56.3	42.9	64.3
99	63.9	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 51.285 ug/l
 RT: 11.04 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:	69	Resp:	369834
Ion	Ratio	Lower	Upper
69	100		
41	84.4	64.8	97.2
39	57.8	42.4	63.6





#57

1,3-Dichloropropane

Concen: 51.438 ug/l

RT: 11.40 min Scan# 1013

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

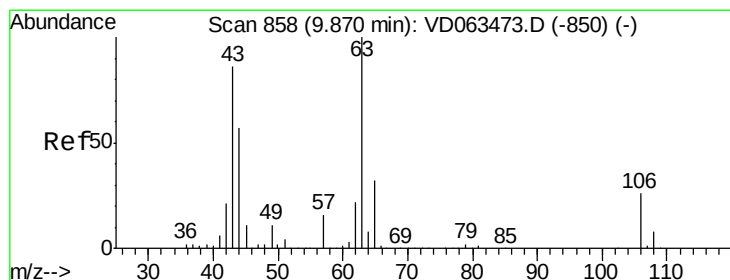
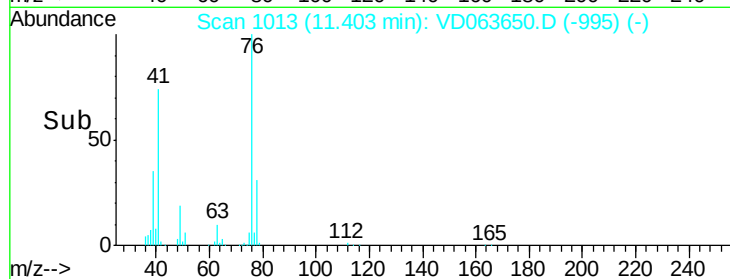
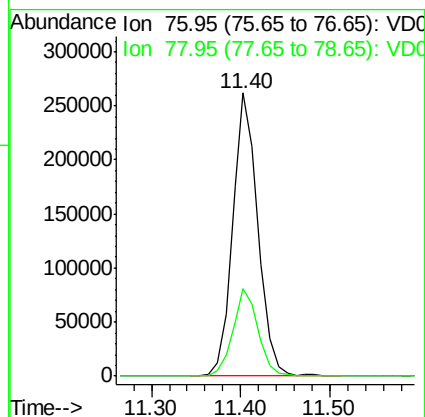
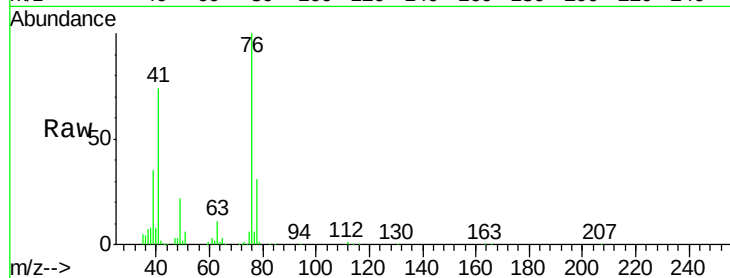
VSTDCCC050

Tot Ion: 76 Resp: 516591

Ion Ratio Lower Upper

76 100

78 30.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 276.128 ug/l

RT: 9.86 min Scan# 856

Delta R.T. -0.01 min

Lab File: VD063650.D

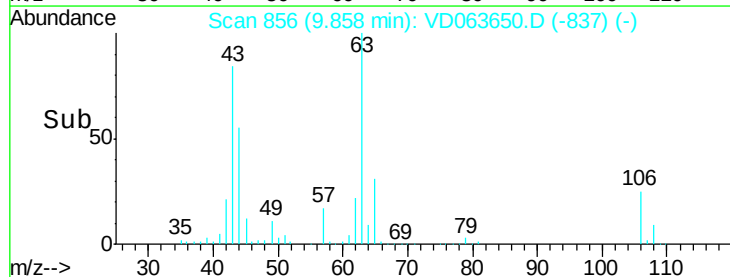
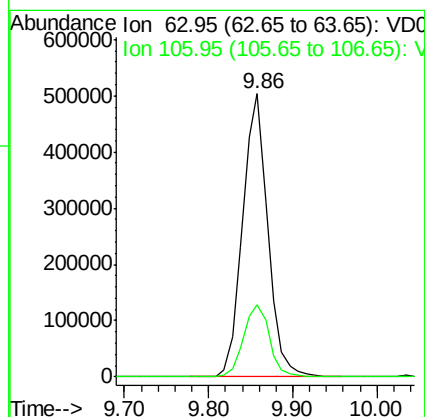
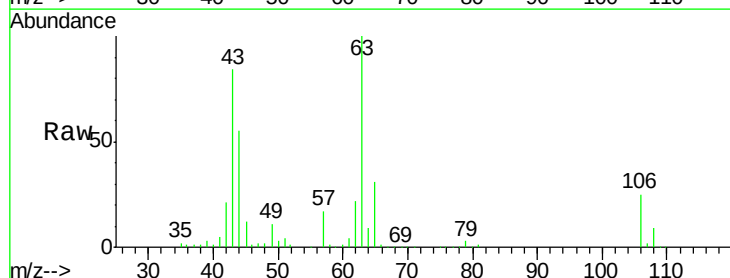
Acq: 19 Aug 2019 11:36

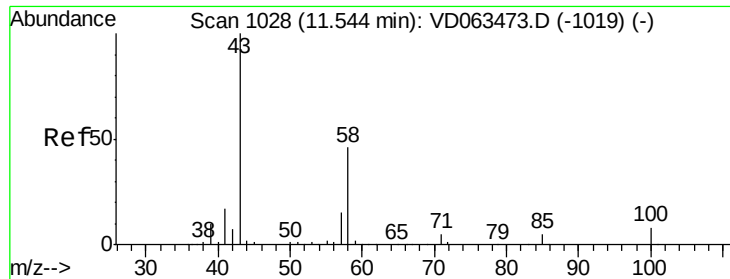
Tgt Ion: 63 Resp: 1051254

Ion Ratio Lower Upper

63 100

106 25.3 20.8 31.2

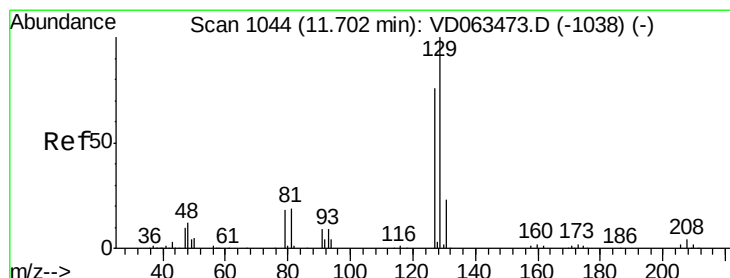
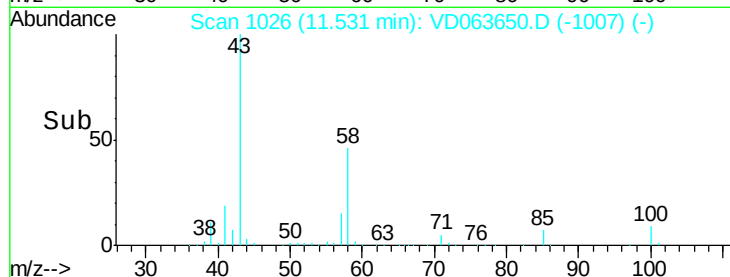
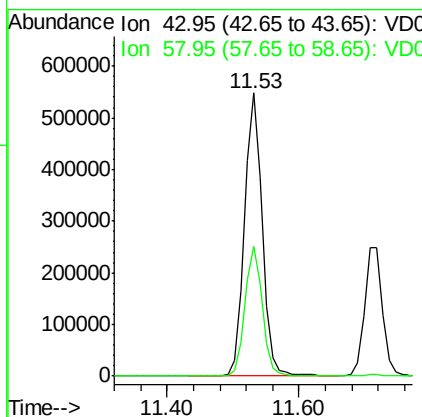
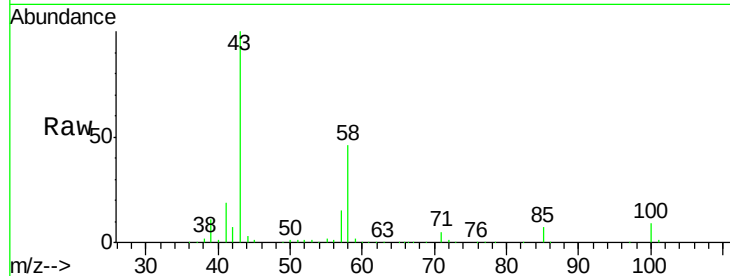




#59
2-Hexanone
Concen: 267.999 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

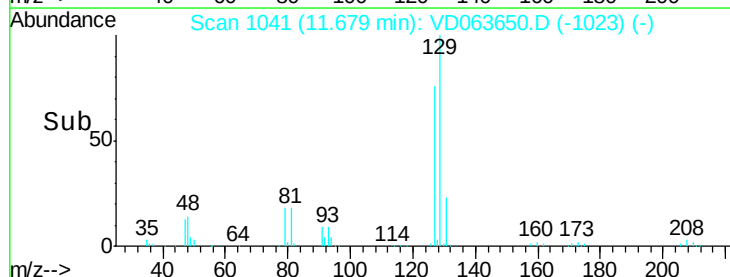
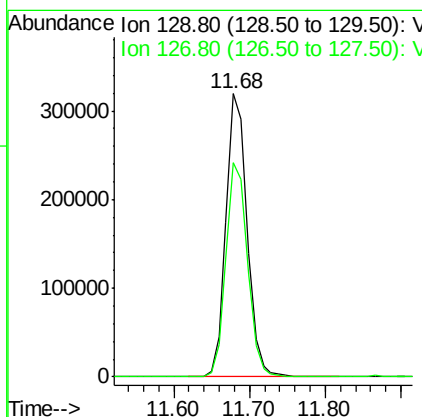
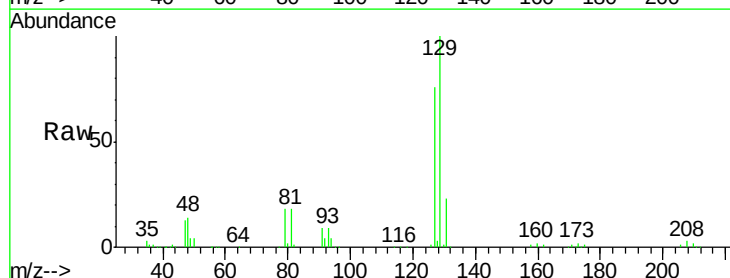
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

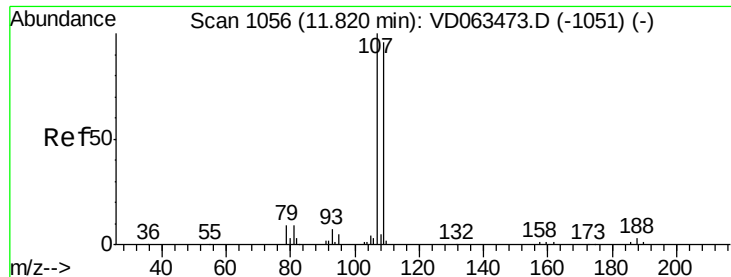
Tot Ion: 43 Resp: 1039149
Ion Ratio Lower Upper
43 100
58 45.7 23.1 69.2



#60
Dibromochloromethane
Concen: 51.117 ug/l
RT: 11.68 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 129 Resp: 617990
Ion Ratio Lower Upper
129 100
127 75.5 37.8 113.4

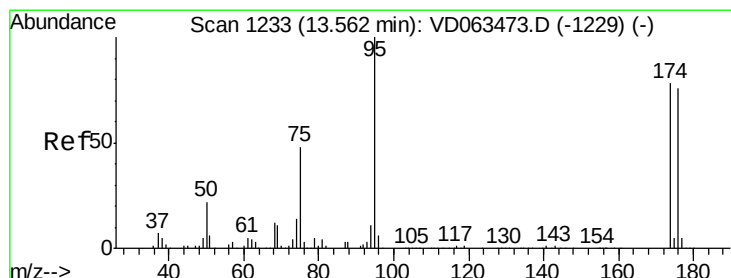
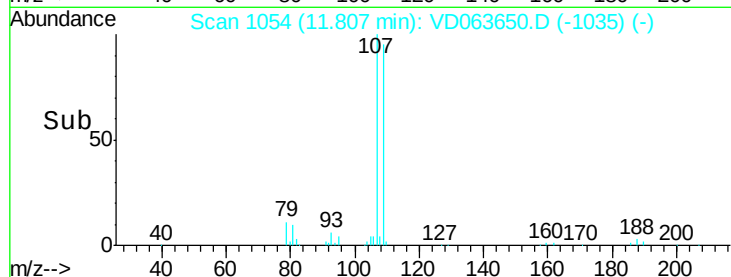
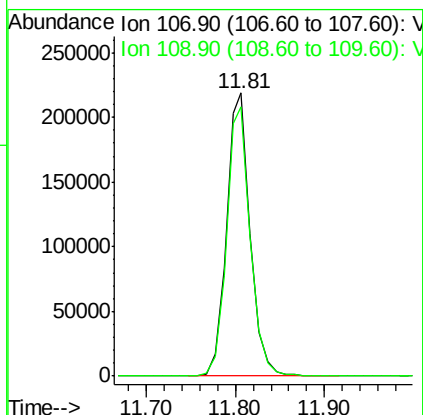
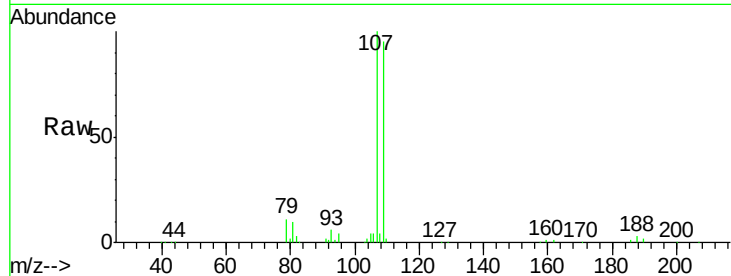




#61
 1,2-Dibromoethane
 Concen: 50.513 ug/l
 RT: 11.81 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

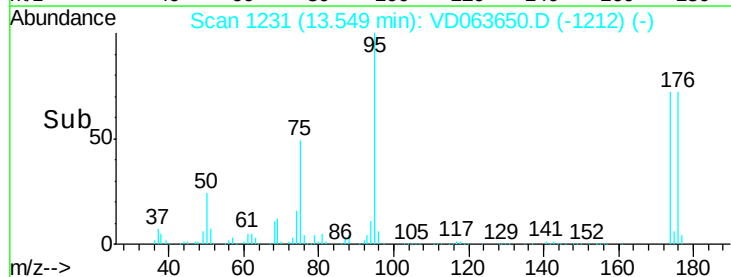
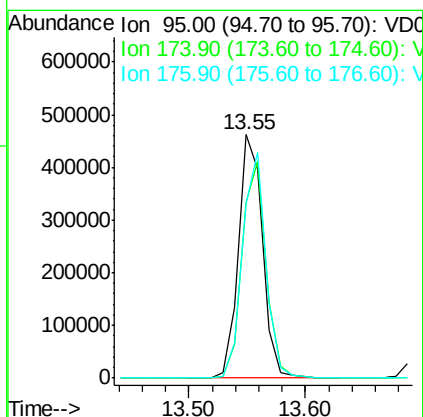
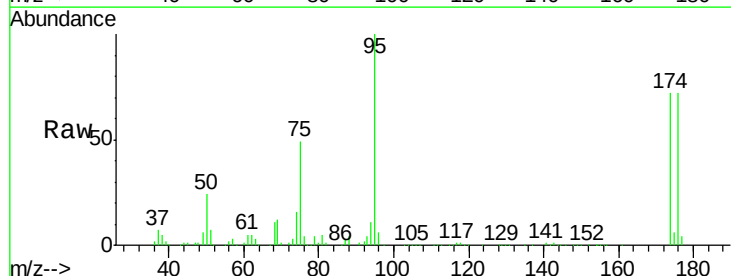
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

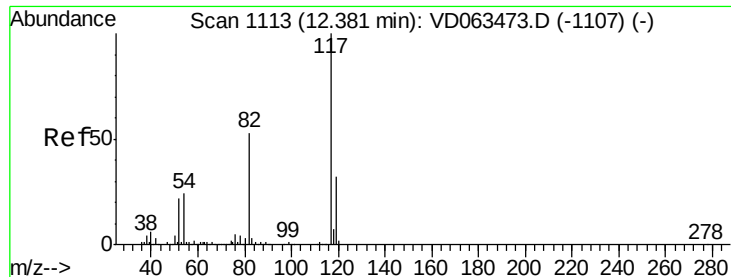
Tot Ion:107 Resp: 406284
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 50.016 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 95 Resp: 658875
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 155.4
 176 71.7 0.0 152.4

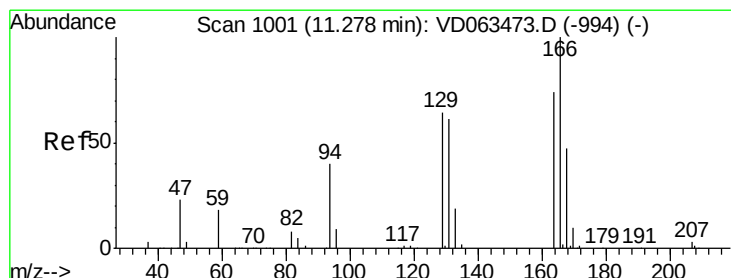
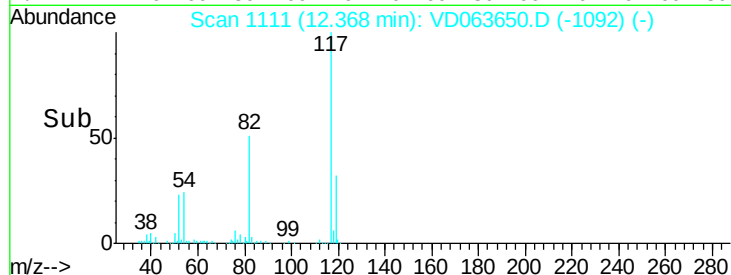
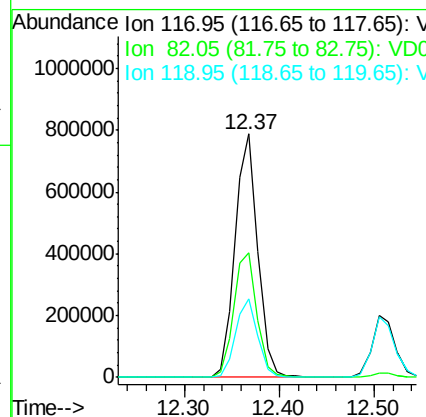
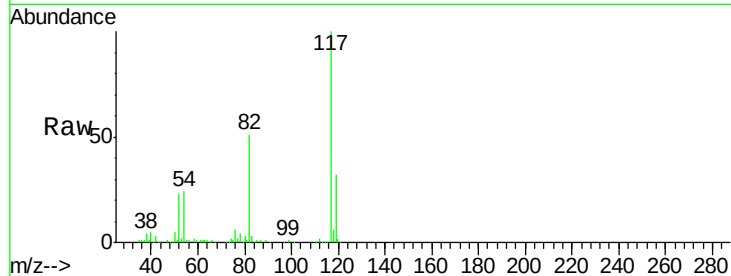




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

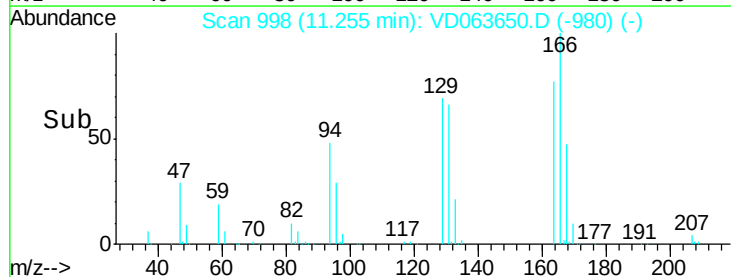
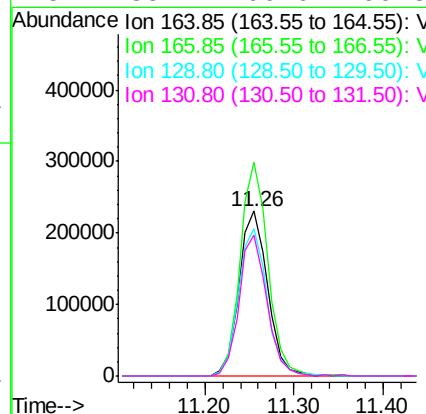
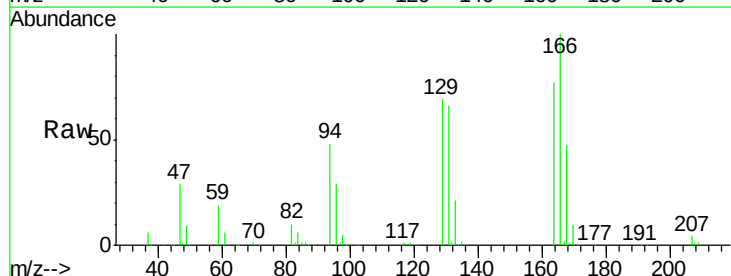
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

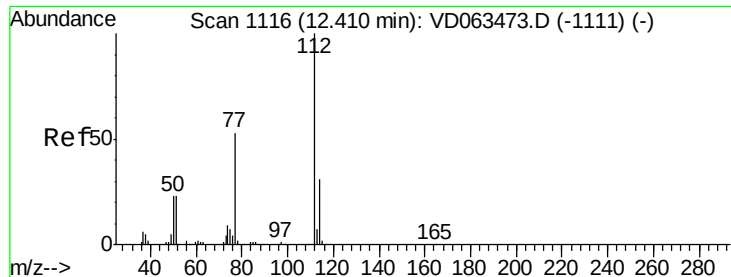
Tot Ion:117 Resp: 1308139
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 50.936 ug/l
RT: 11.26 min Scan# 998
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:164 Resp: 514374
Ion Ratio Lower Upper
164 100
166 129.5 108.6 163.0
129 89.3 69.0 103.6
131 85.1 66.6 99.8

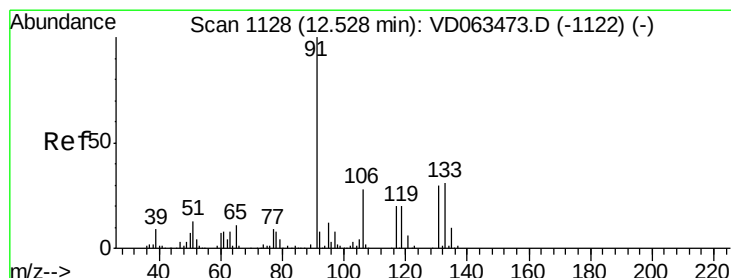
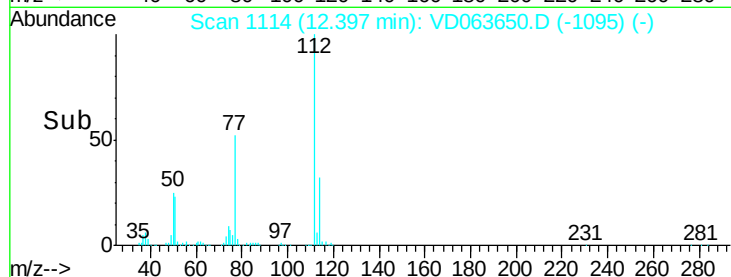
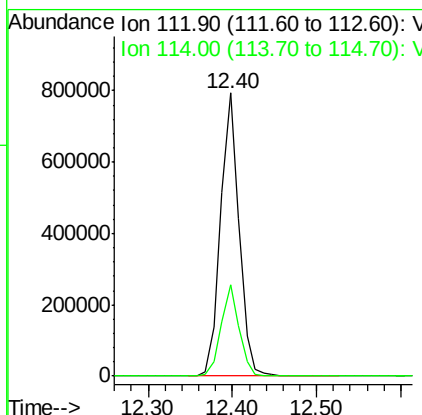
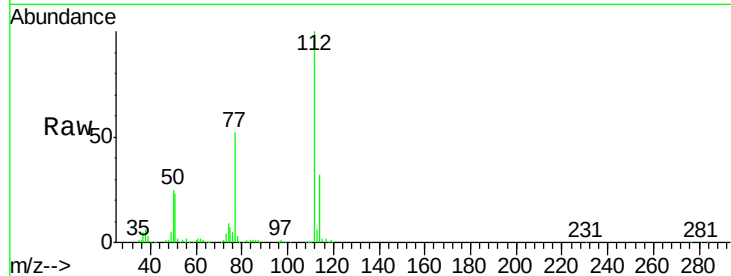




#65
Chlorobenzene
Concen: 49.573 ug/l
RT: 12.40 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

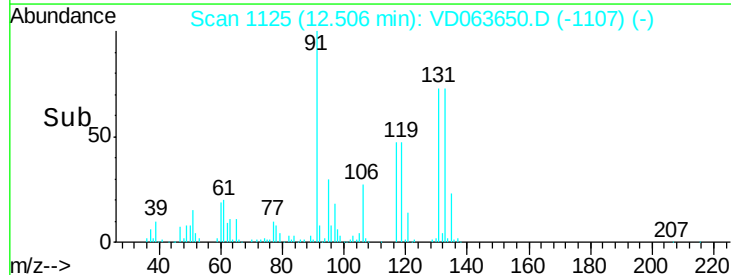
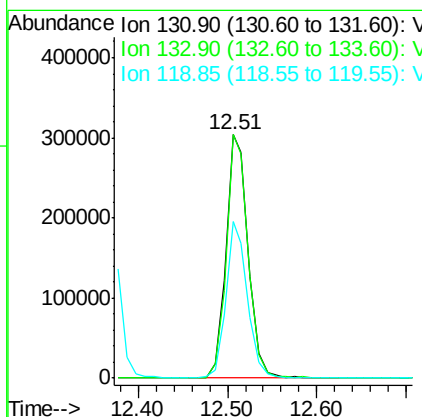
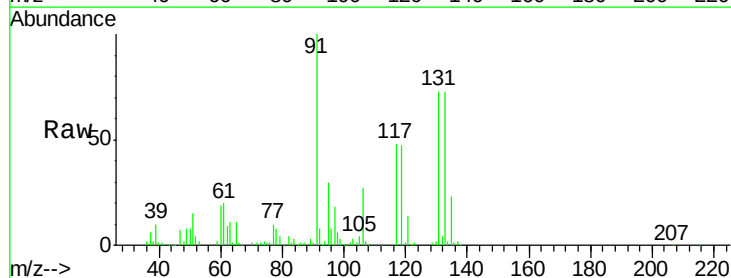
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

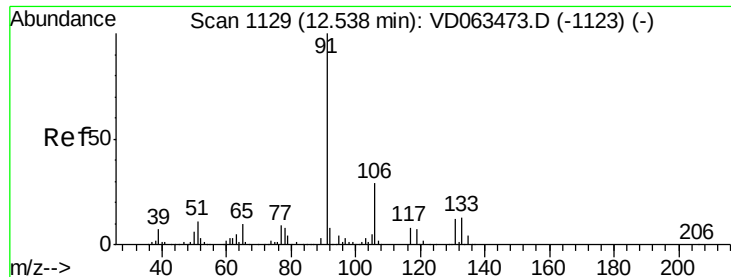
Tot Ion:112 Resp: 1215404
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.210 ug/l
RT: 12.51 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:131 Resp: 530979
Ion Ratio Lower Upper
131 100
133 100.0 51.1 153.3
119 64.4 33.1 99.3

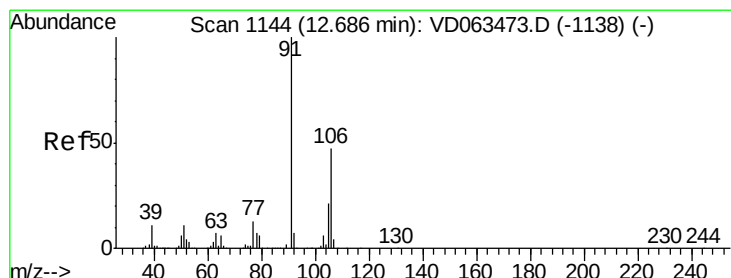
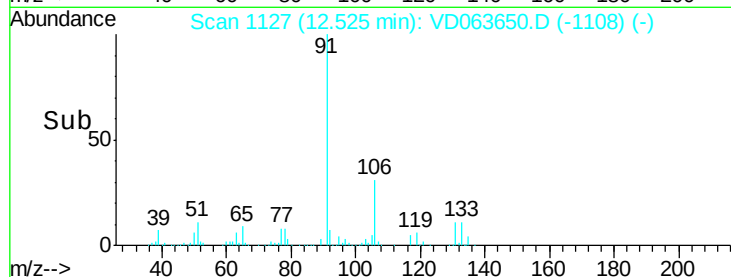
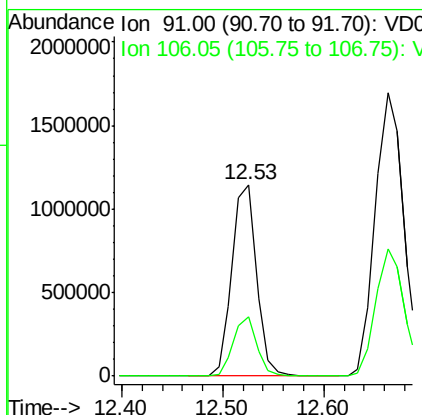
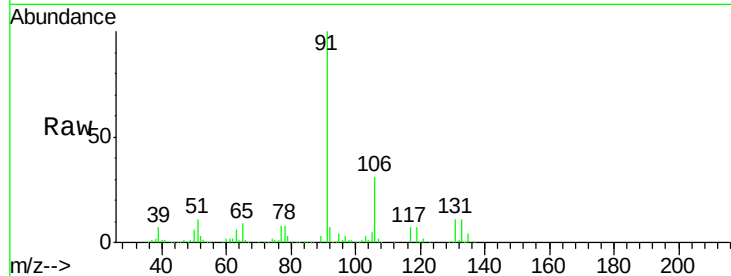




#67
Ethyl Benzene
Concen: 45.691 ug/l
RT: 12.53 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

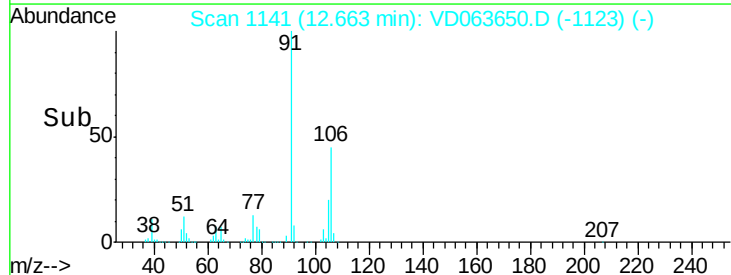
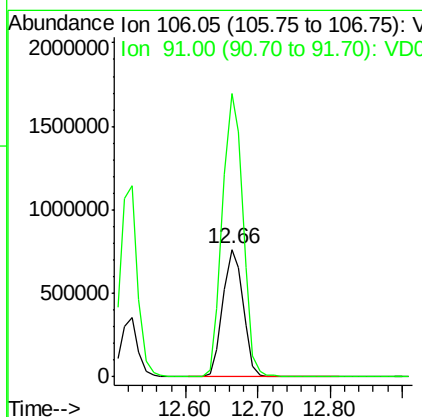
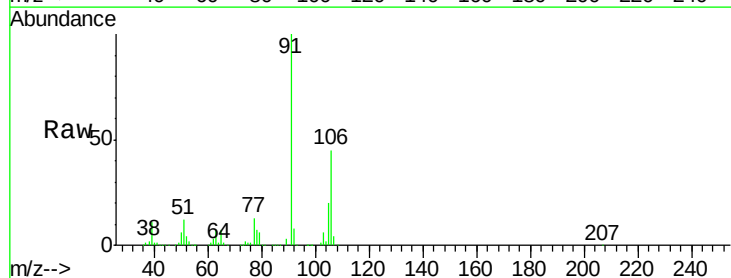
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

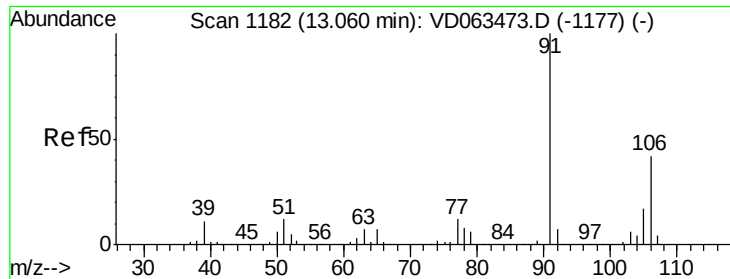
Tot Ion: 91 Resp: 1947804
Ion Ratio Lower Upper
91 100
106 30.8 23.1 34.7



#68
m/p-Xylenes
Concen: 99.694 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 106 Resp: 1493146
Ion Ratio Lower Upper
106 100
91 221.4 171.8 257.8

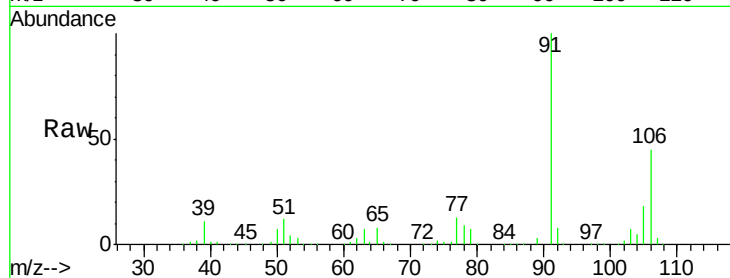




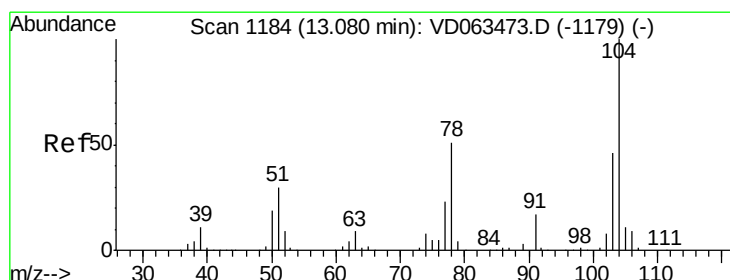
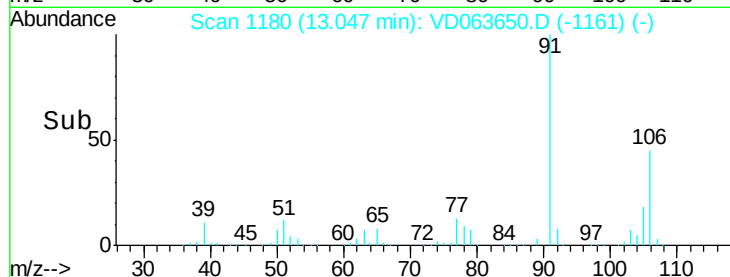
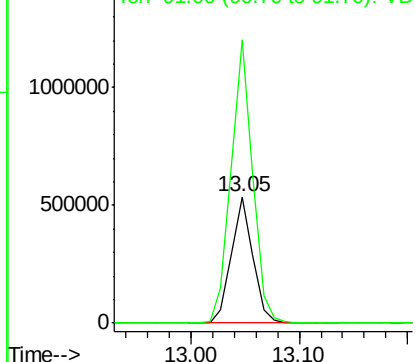
#69
o-Xylene
Concen: 51.958 ug/l
RT: 13.05 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 748988
Ion Ratio Lower Upper
106 100
91 224.5 118.1 354.2

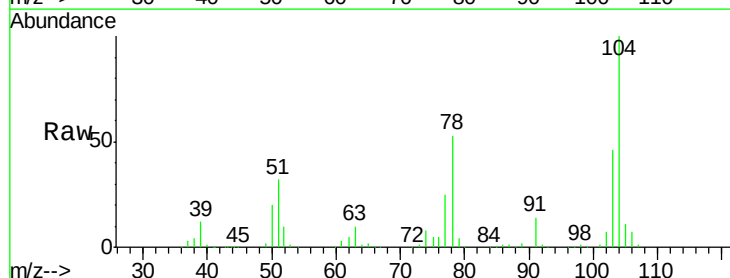


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

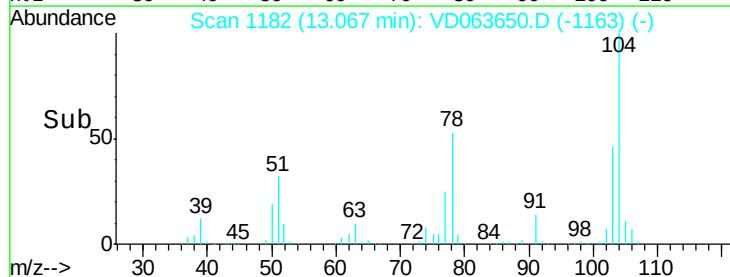
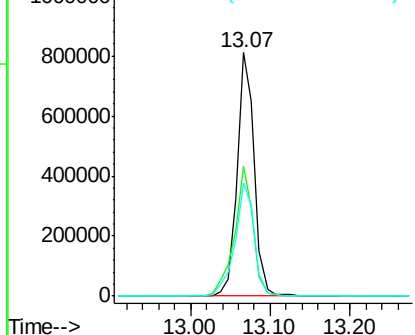


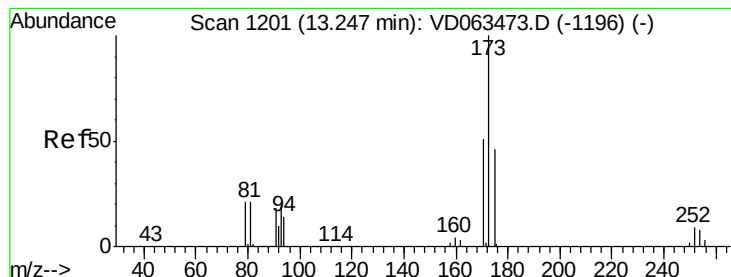
#70
Styrene
Concen: 47.316 ug/l
RT: 13.07 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:104 Resp: 1213244
Ion Ratio Lower Upper
104 100
78 53.2 40.8 61.2
103 46.2 36.4 54.6



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





#71

Bromoform

Concen: 53.748 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

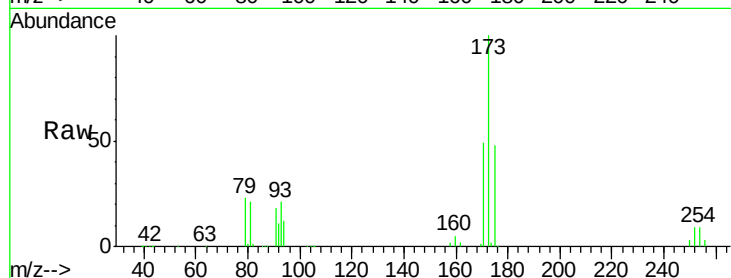
Tot Ion:173 Resp: 397668

Ion Ratio Lower Upper

173 100

175 47.6 22.8 68.3

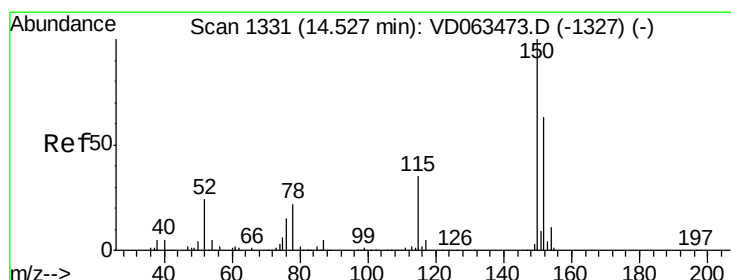
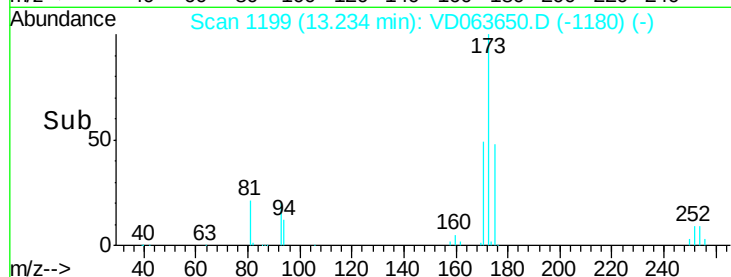
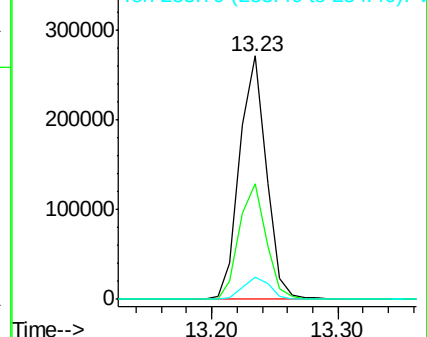
254 9.2 6.6 9.8



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

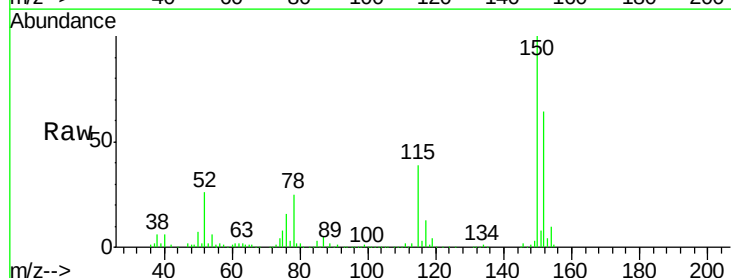
Tgt Ion:152 Resp: 681745

Ion Ratio Lower Upper

152 100

115 60.6 30.9 92.7

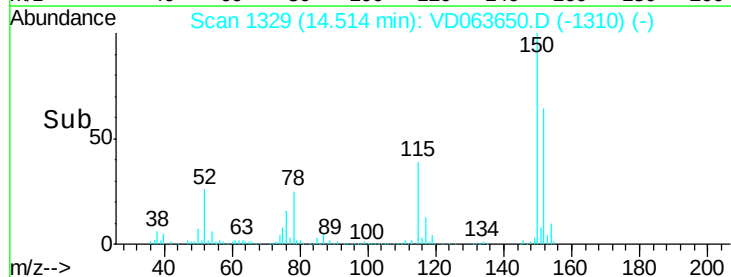
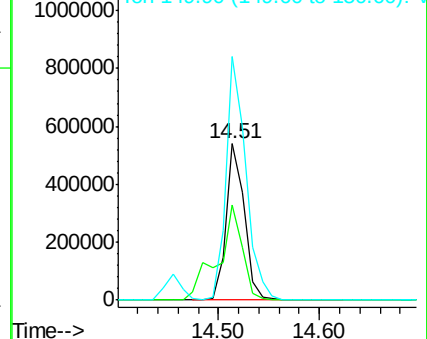
150 155.9 0.0 318.6

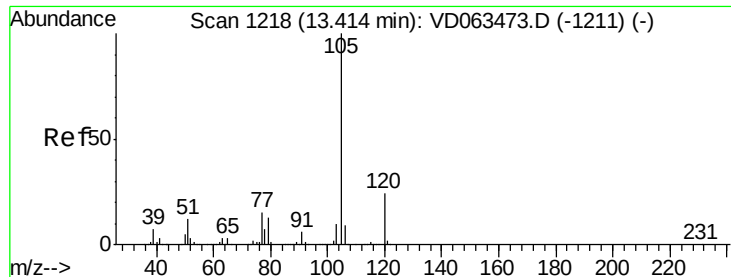


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.403 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

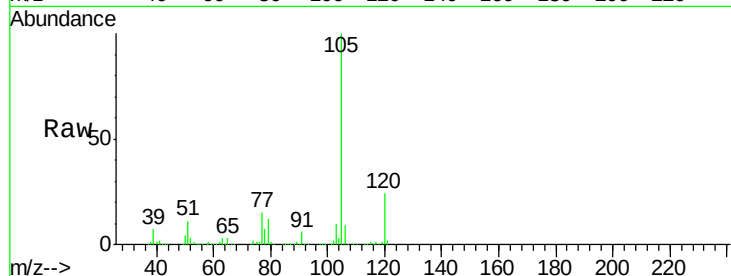
VSTDCCC050

Tot Ion:105 Resp: 2055537

Ion Ratio Lower Upper

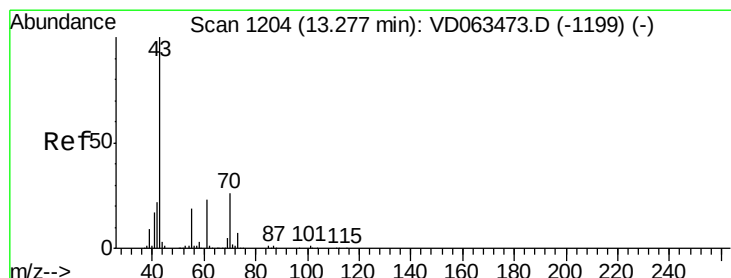
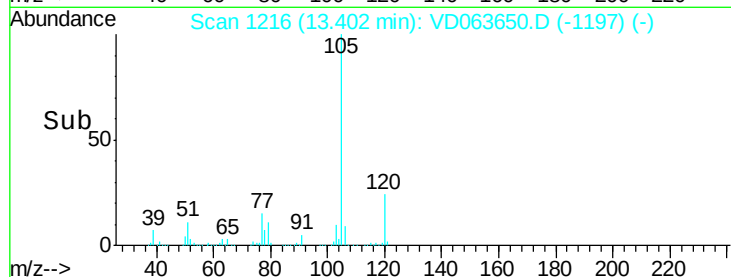
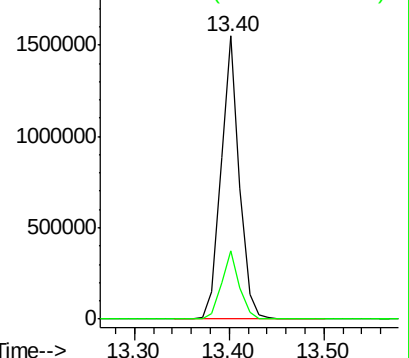
105 100

120 24.1 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 54.449 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Tgt Ion: 43 Resp: 592702

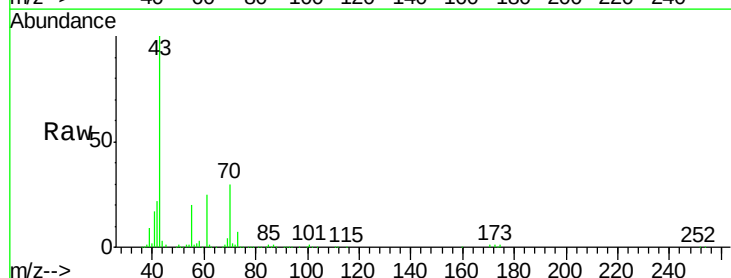
Ion Ratio Lower Upper

43 100

70 29.8 21.1 31.7

55 19.6 15.4 23.0

61 24.7 18.2 27.2

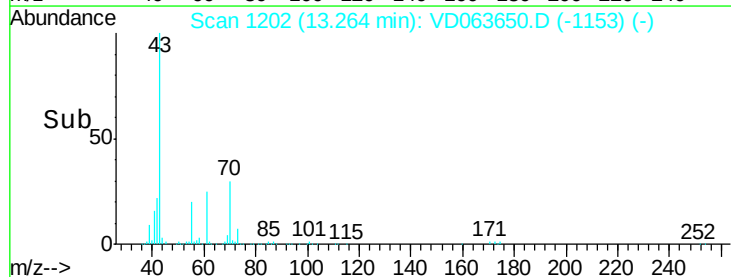
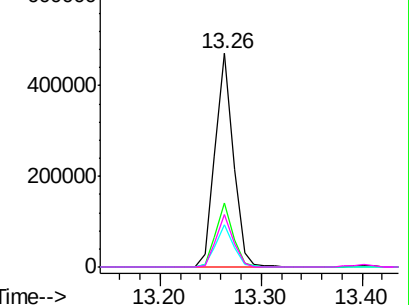


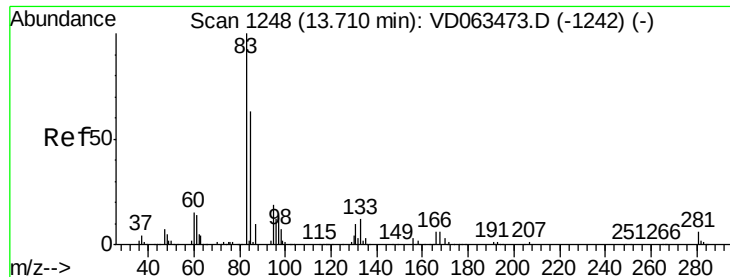
Abundance Ion 42.95 (42.65 to 43.65): V

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: 53.391 ug/l

RT: 13.70 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

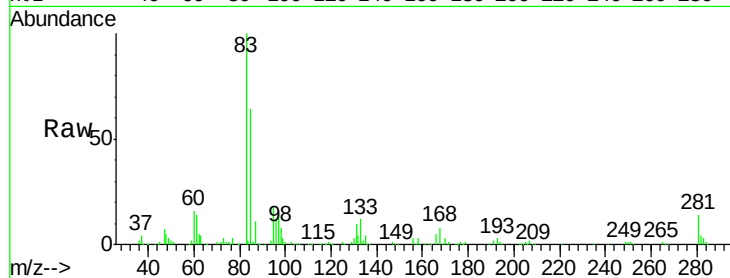
Tot Ion: 83 Resp: 384277

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	64.3	31.4	94.3

83 100

131 10.3 5.3 15.8

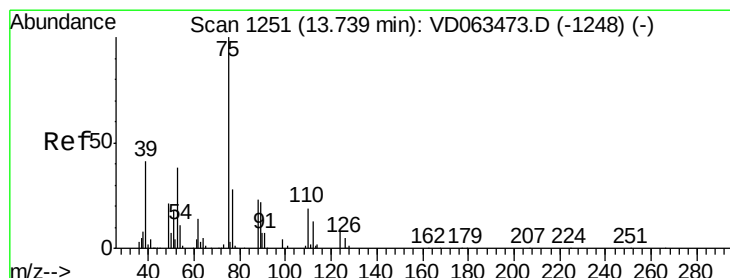
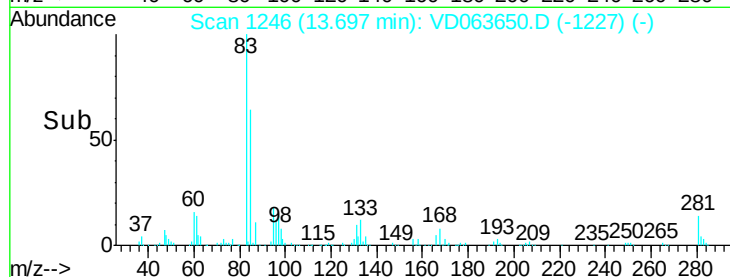
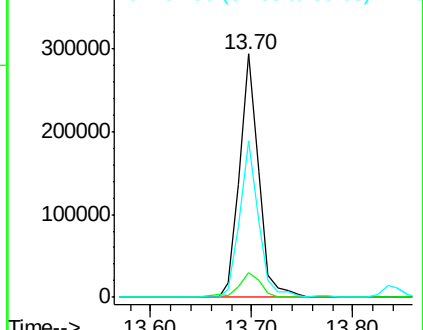
85 64.3 31.4 94.3



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 53.515 ug/l

RT: 13.73 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD063650.D

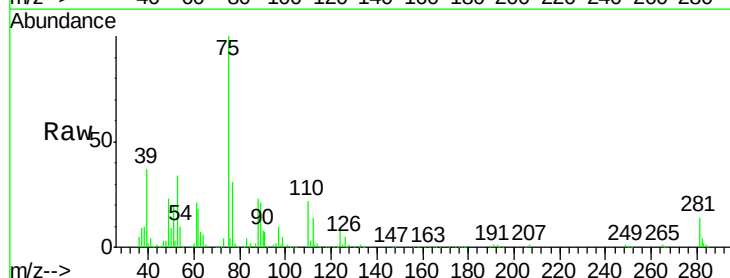
Acq: 19 Aug 2019 11:36

Tgt Ion: 75 Resp: 418712

Ion	Ratio	Lower	Upper
75	100		
77	30.6	15.1	45.3

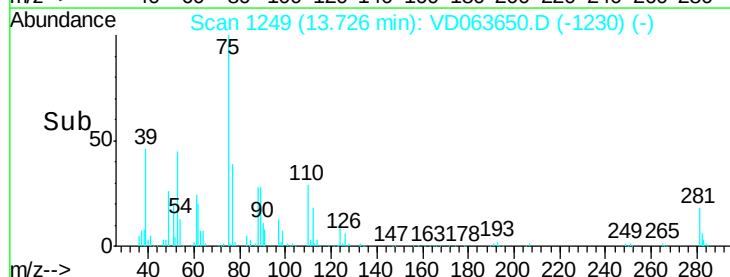
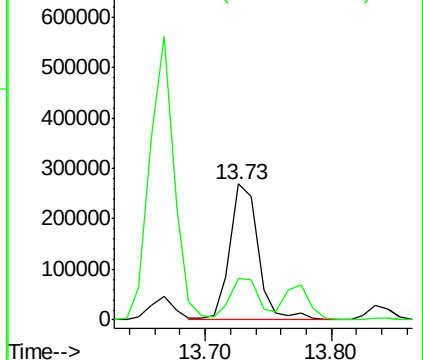
75 100

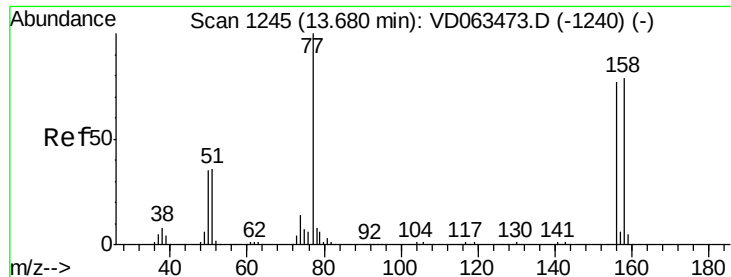
77 30.6 15.1 45.3



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 50.357 ug/l

RT: 13.67 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

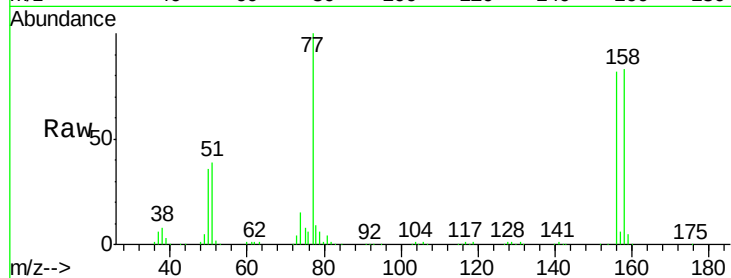
Tot Ion:156 Resp: 596784

Ion Ratio Lower Upper

156 100

77 122.0 64.6 193.8

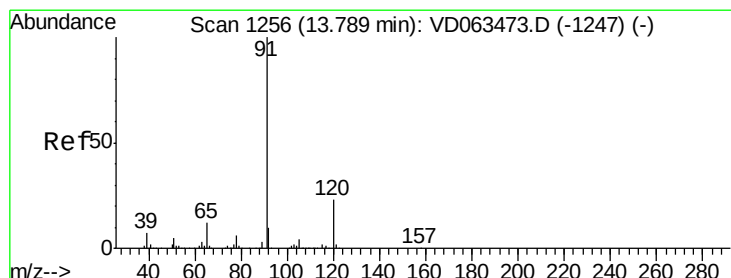
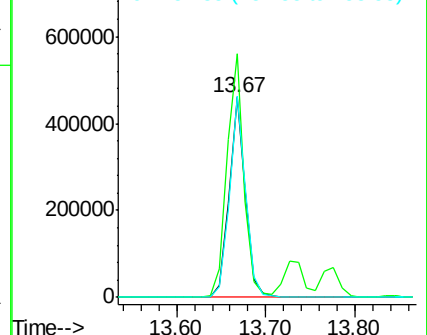
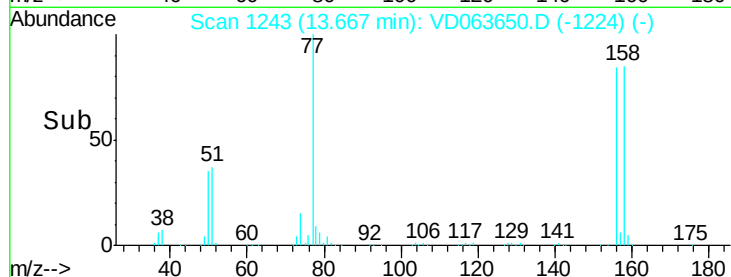
158 101.0 50.9 152.7



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 47.521 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD063650.D

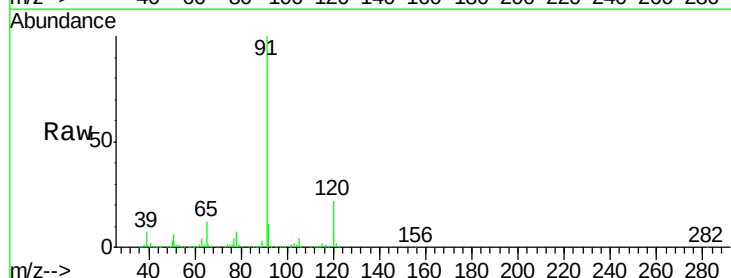
Acq: 19 Aug 2019 11:36

Tgt Ion: 91 Resp: 2411021

Ion Ratio Lower Upper

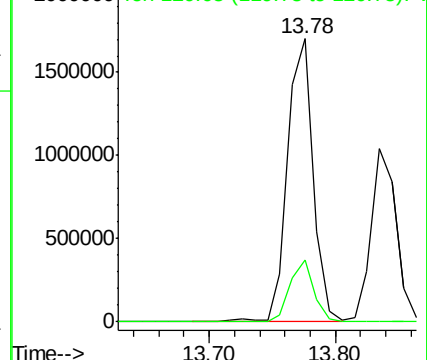
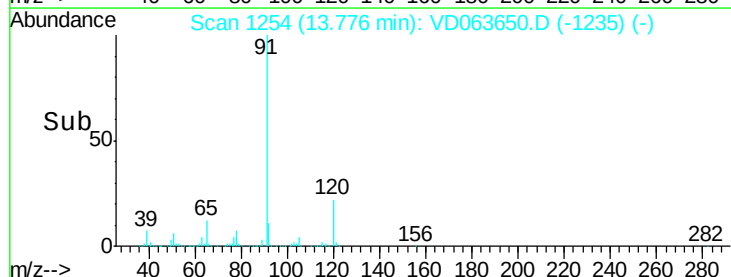
91 100

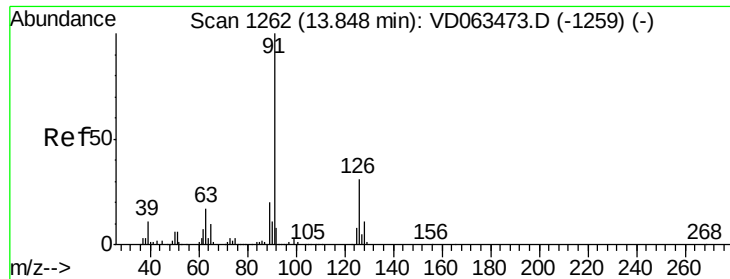
120 21.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

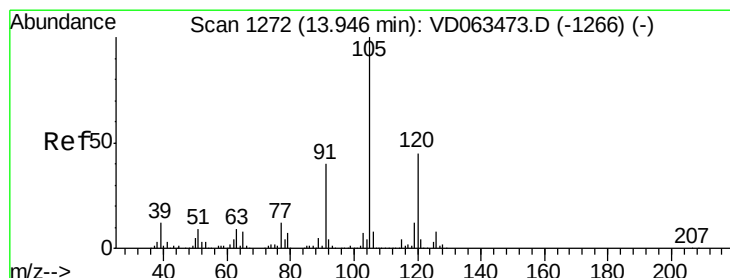
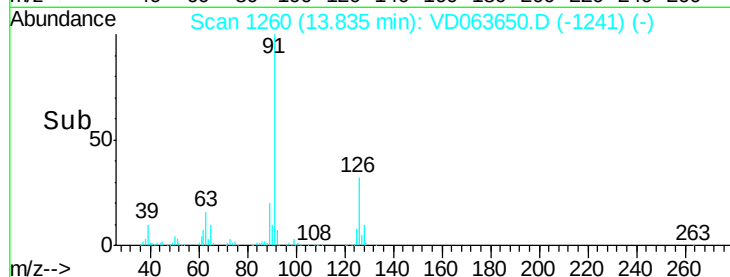
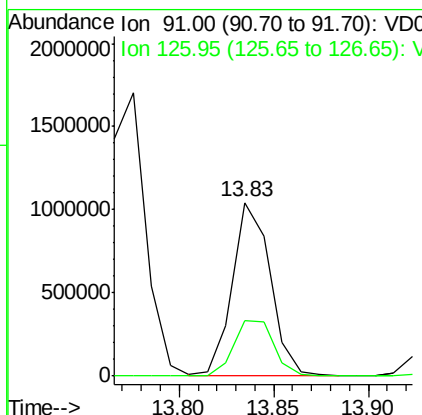
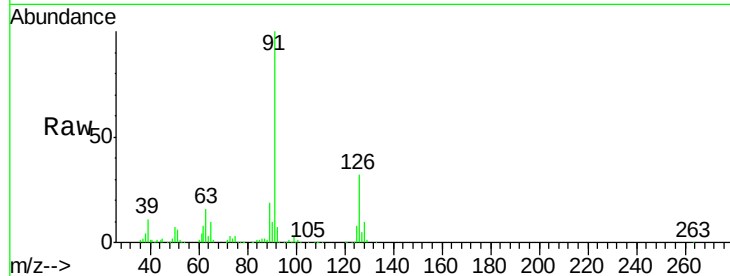




#79
2-Chlorotoluene
Concen: 49.269 ug/l
RT: 13.83 min Scan# 1260
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

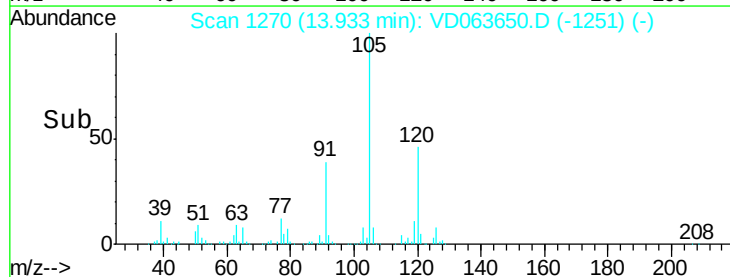
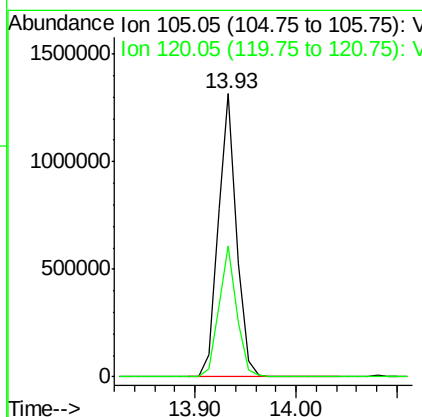
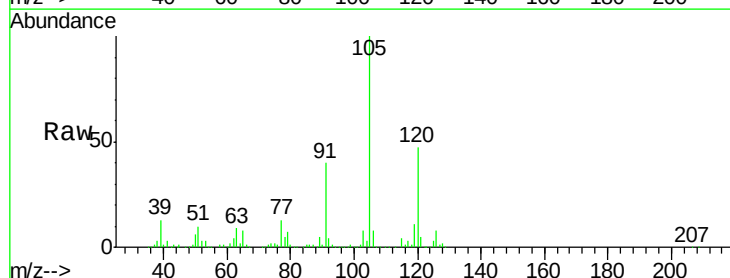
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

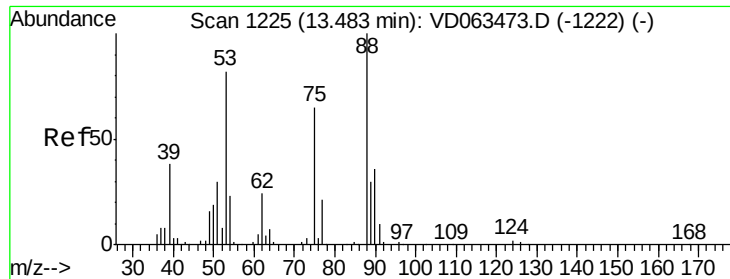
Tot Ion: 91 Resp: 1441267
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 44.029 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:105 Resp: 1668140
Ion Ratio Lower Upper
105 100
120 46.5 22.8 68.3

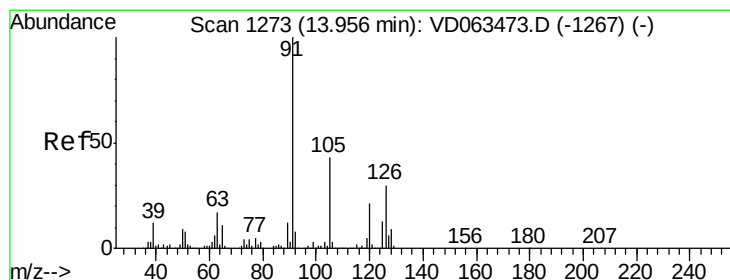
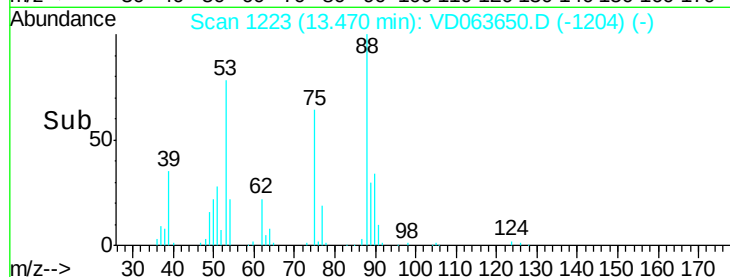
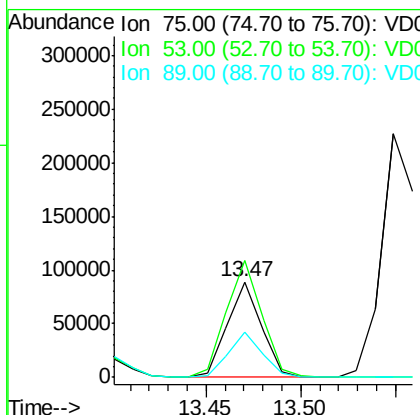
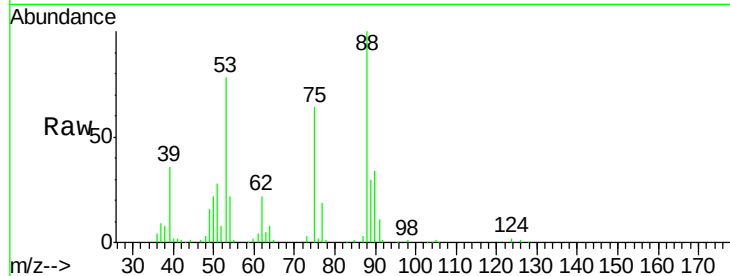




#81
trans-1,4-Dichloro-2-butene
Concen: 52.680 ug/l
RT: 13.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

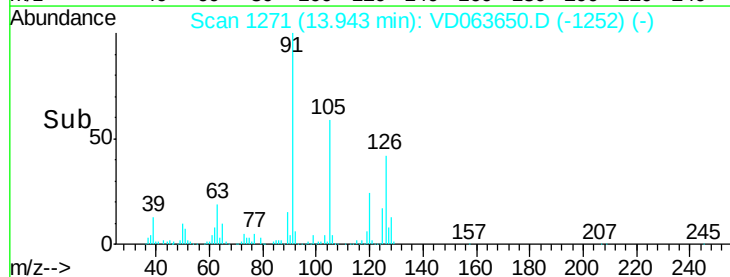
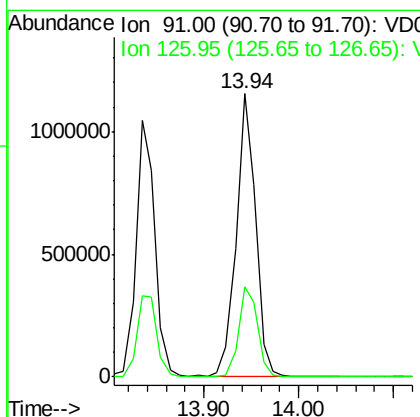
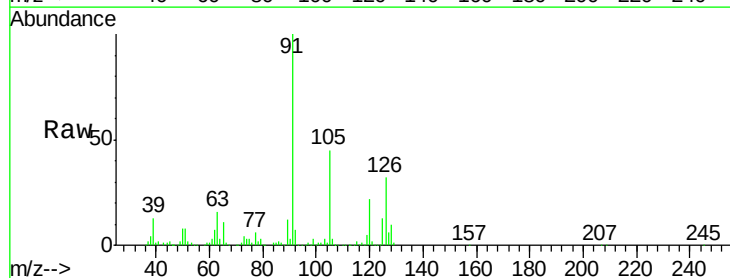
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

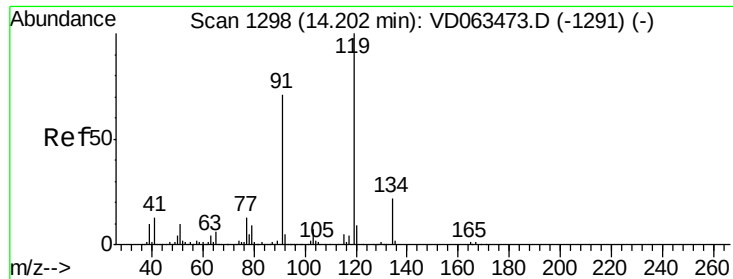
Tot Ion: 75 Resp: 110782
Ion Ratio Lower Upper
75 100
53 122.4 101.0 151.4
89 47.4 37.0 55.6



#82
4-Chlorotoluene
Concen: 46.501 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 91 Resp: 1635754
Ion Ratio Lower Upper
91 100
126 31.7 15.2 45.6

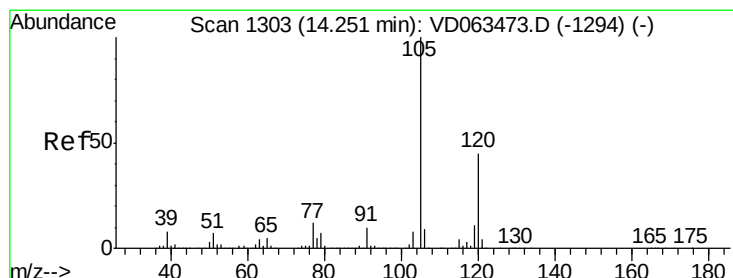
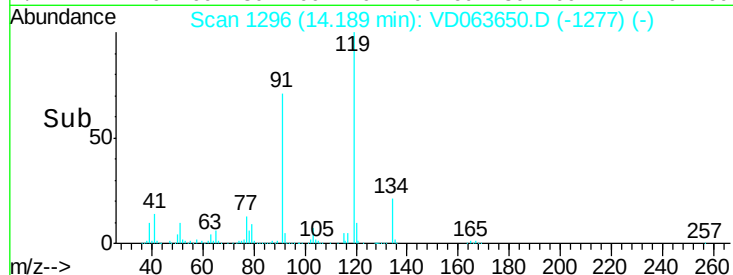
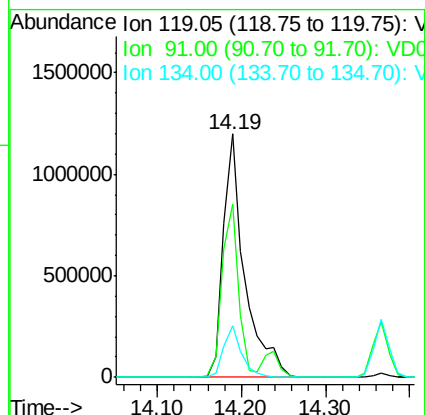
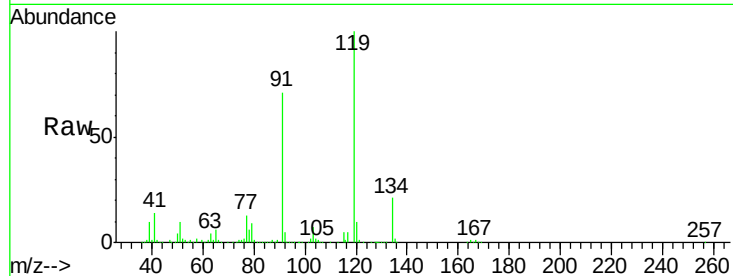




#83
 tert-Butylbenzene
 Concen: 52.942 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

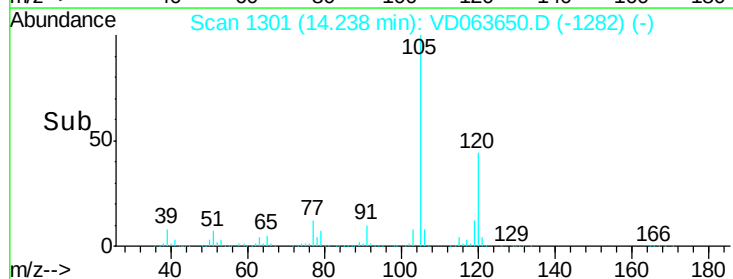
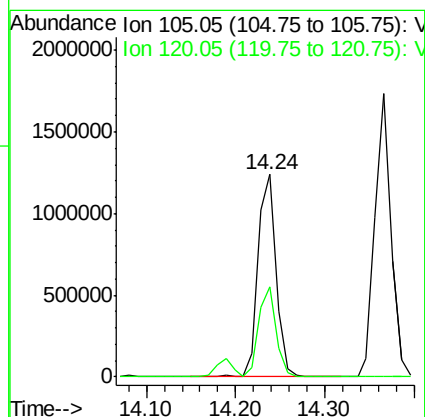
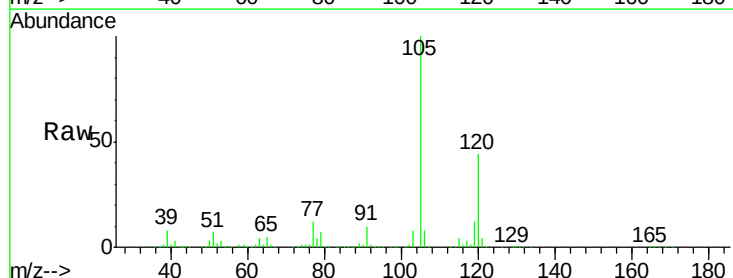
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

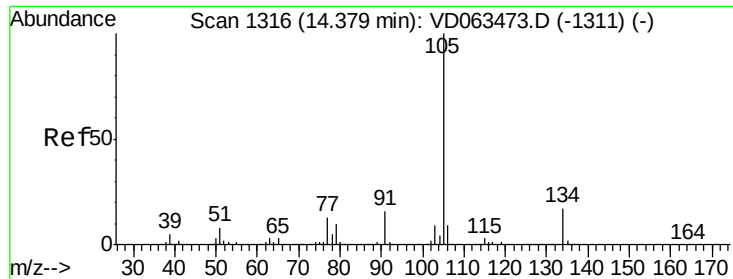
Tot Ion:119 Resp: 2112240
 Ion Ratio Lower Upper
 119 100
 91 71.2 35.5 106.7
 134 21.2 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.857 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:105 Resp: 1712724
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.1

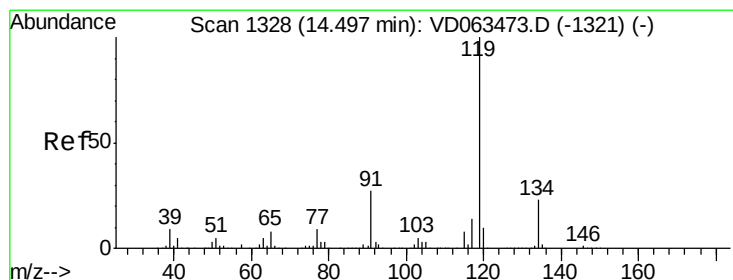
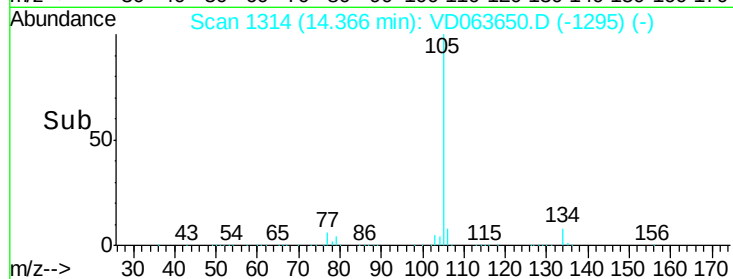
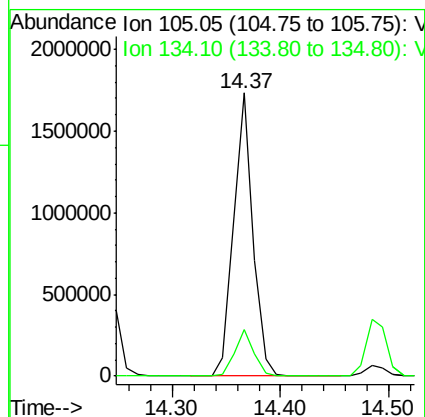
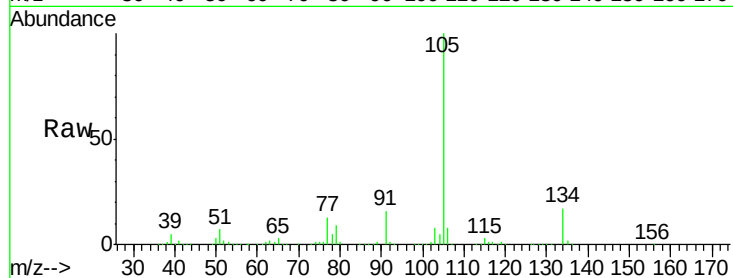




#85
 sec-Butylbenzene
 Concen: 50.911 ug/l
 RT: 14.37 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

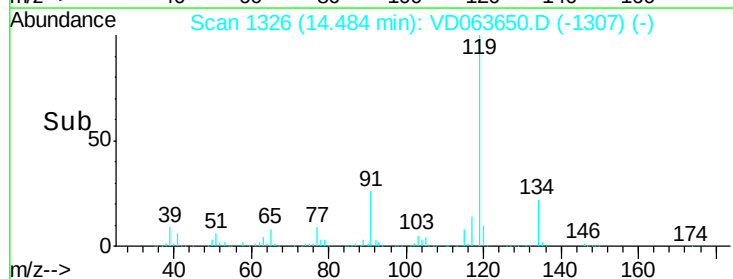
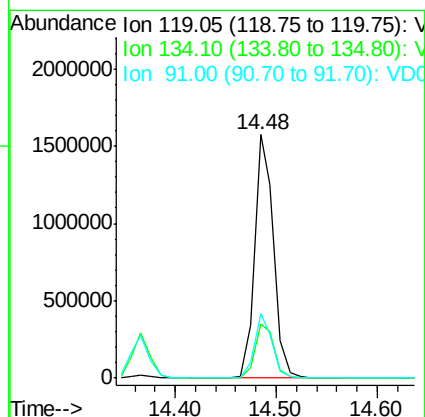
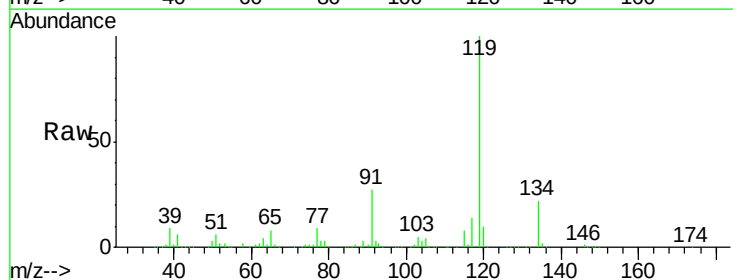
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

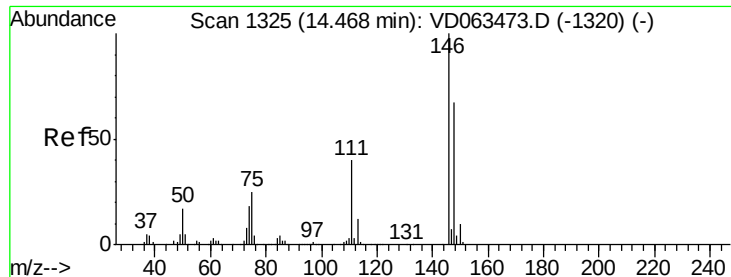
Tot Ion:105 Resp: 2157103
 Ion Ratio Lower Upper
 105 100
 134 16.7 8.3 24.8



#86
 p-Isopropyltoluene
 Concen: 50.678 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:119 Resp: 2053069
 Ion Ratio Lower Upper
 119 100
 134 22.2 11.3 33.8
 91 26.6 13.5 40.4

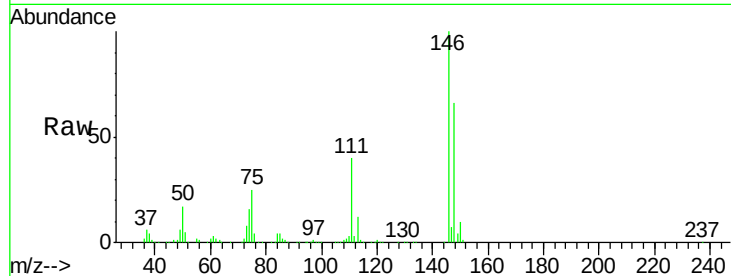




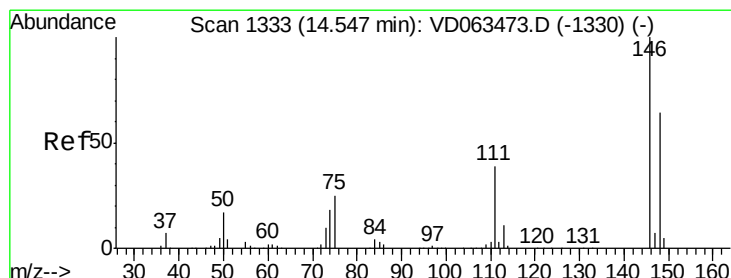
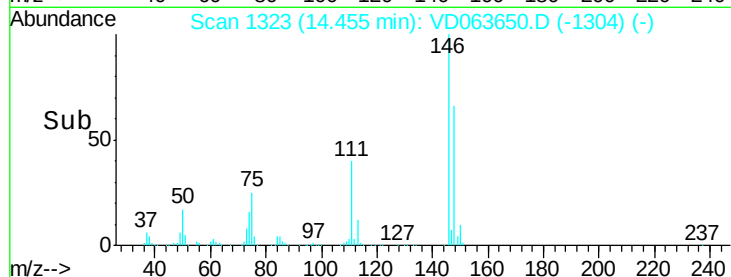
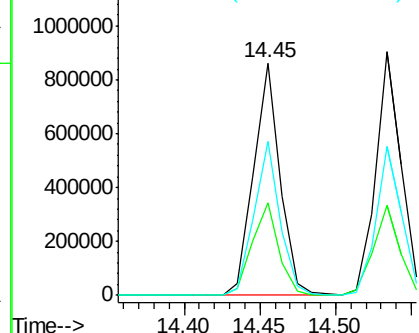
#87
 1,3-Dichlorobenzene
 Concen: 48.891 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 1048060
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 66.1 33.6 100.6

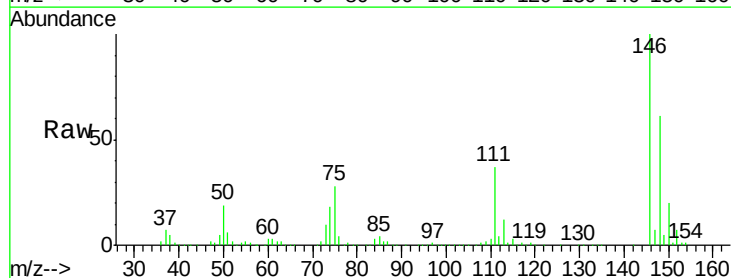


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

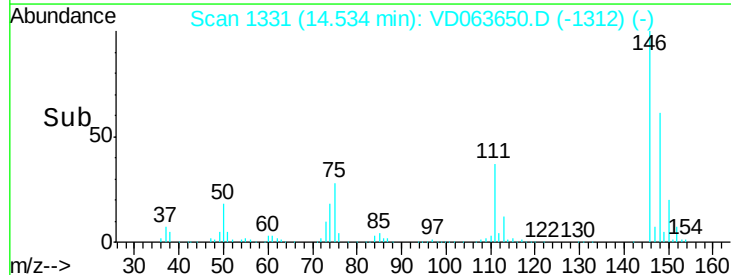
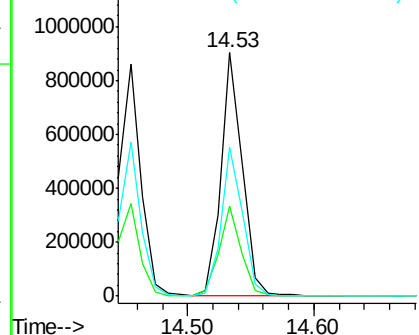


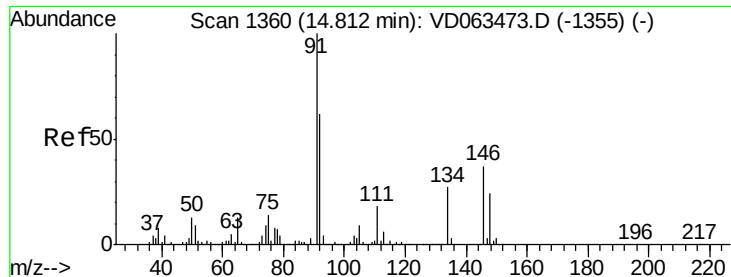
#88
 1,4-Dichlorobenzene
 Concen: 51.534 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:146 Resp: 1059889
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.7 59.0
 148 61.3 32.1 96.3



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





#89

n-Butylbenzene

Concen: 50.836 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

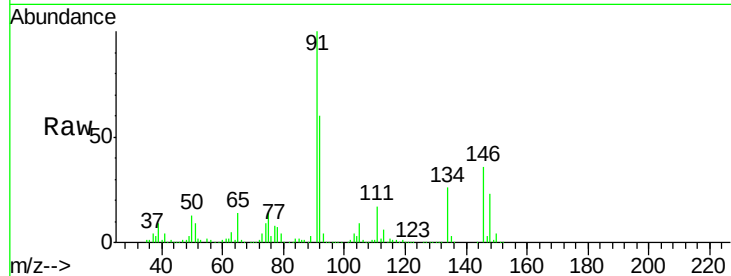
Tot Ion: 91 Resp: 1879617

Ion Ratio Lower Upper

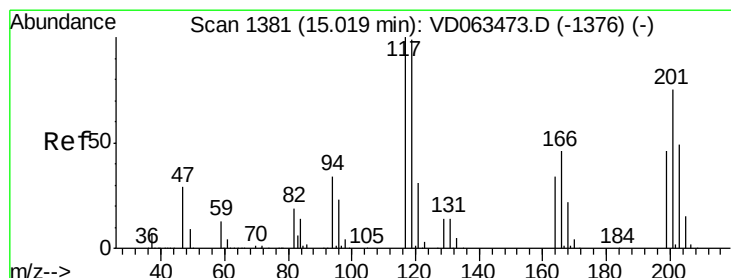
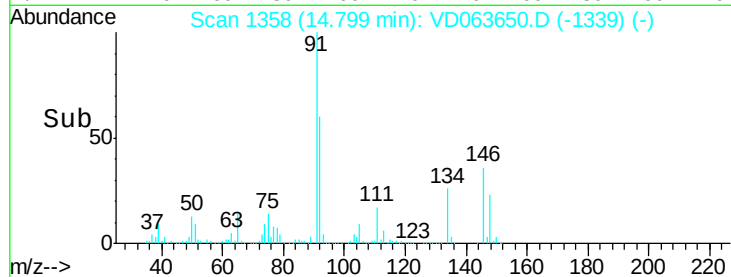
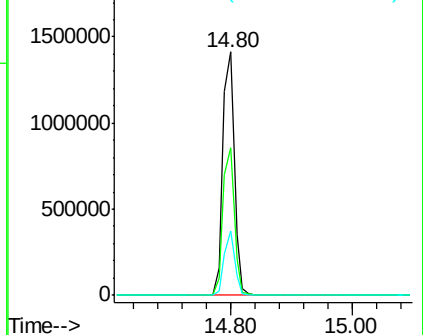
91 100

92 60.4 30.8 92.3

134 26.4 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 52.748 ug/l

RT: 15.01 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD063650.D

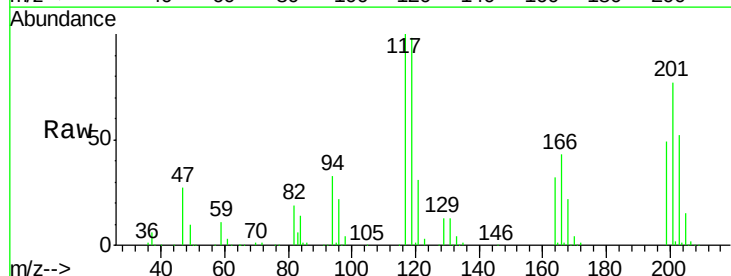
Acq: 19 Aug 2019 11:36

Tgt Ion: 117 Resp: 537104

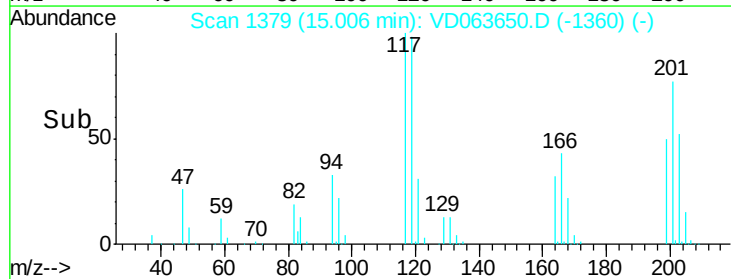
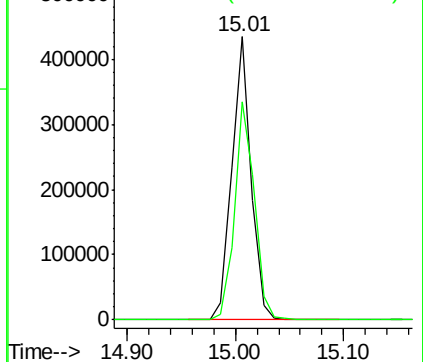
Ion Ratio Lower Upper

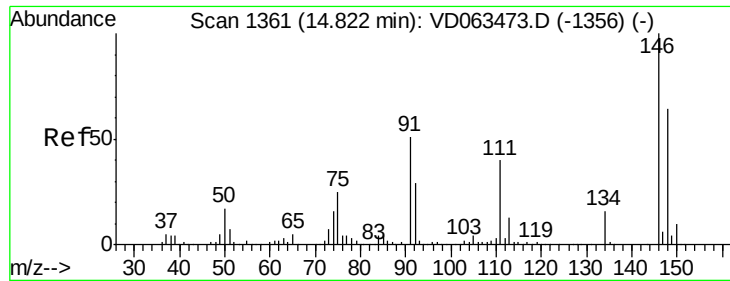
117 100

201 77.2 37.5 112.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V

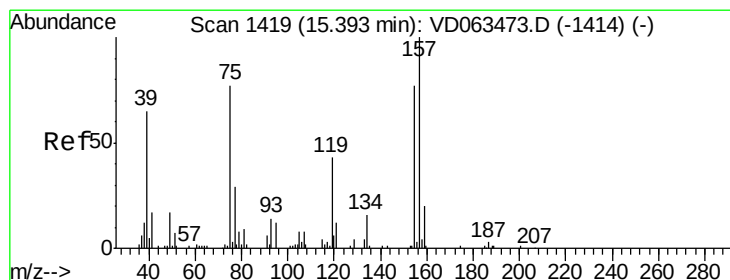
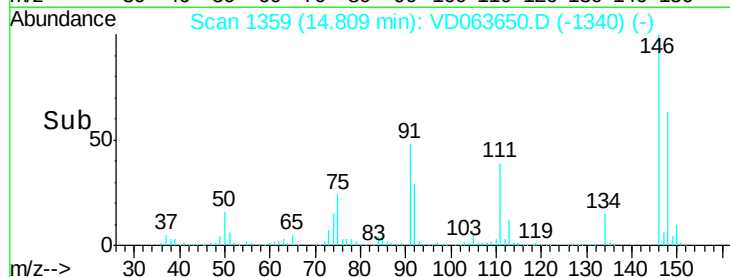
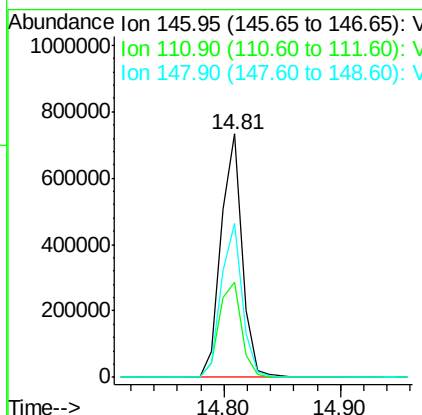
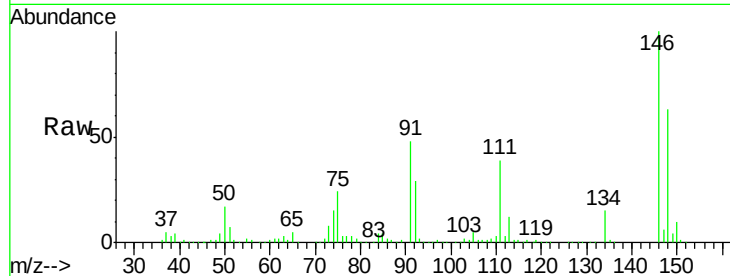




#91
 1,2-Dichlorobenzene
 Concen: 50.894 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

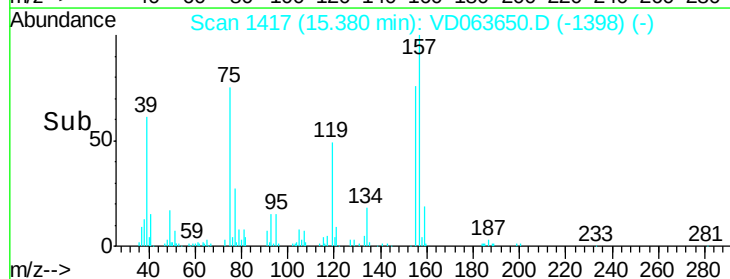
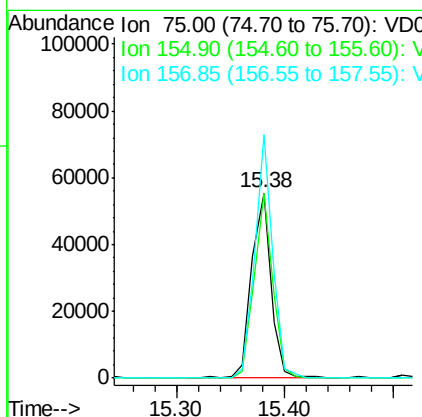
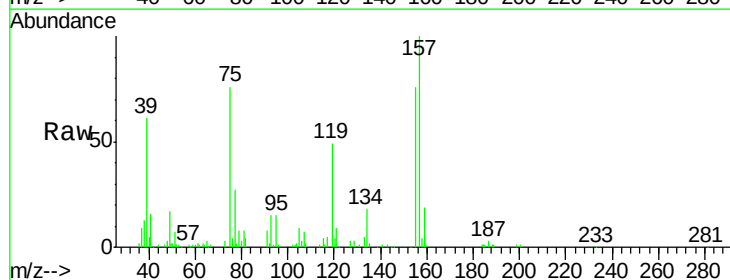
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

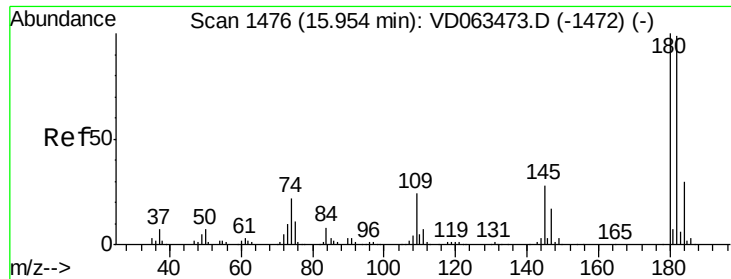
Tot Ion:146 Resp: 925631
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.2 60.6
 148 63.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.891 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 75 Resp: 68969
 Ion Ratio Lower Upper
 75 100
 155 99.9 50.1 150.3
 157 131.7 65.0 195.1

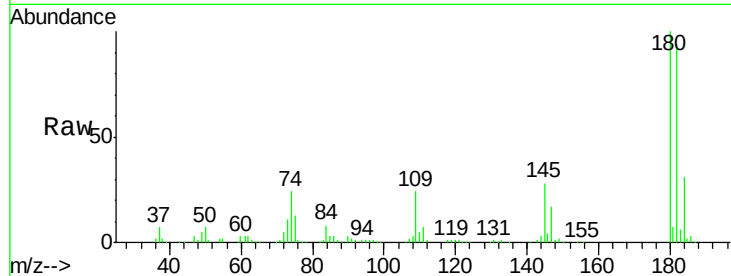




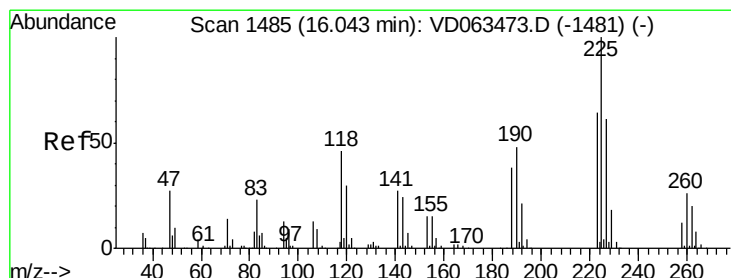
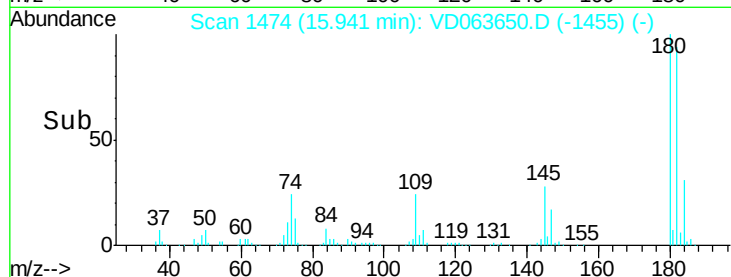
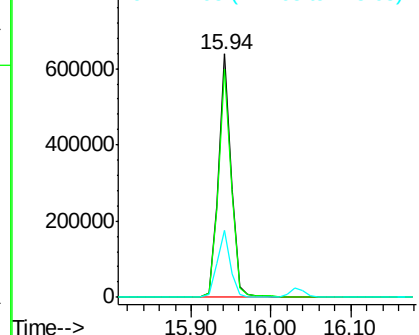
#93
 1,2,4-Trichlorobenzene
 Concen: 54.425 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 728353
 Ion Ratio Lower Upper
 180 100
 182 93.7 49.7 149.1
 145 27.5 14.1 42.2

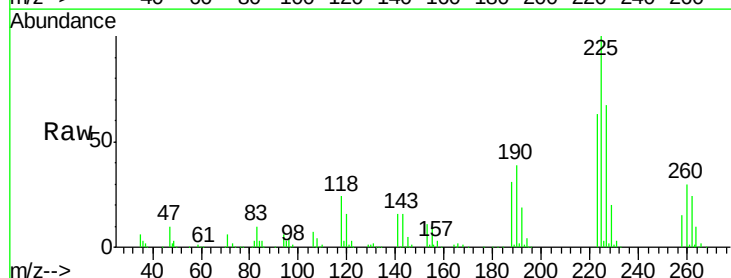


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

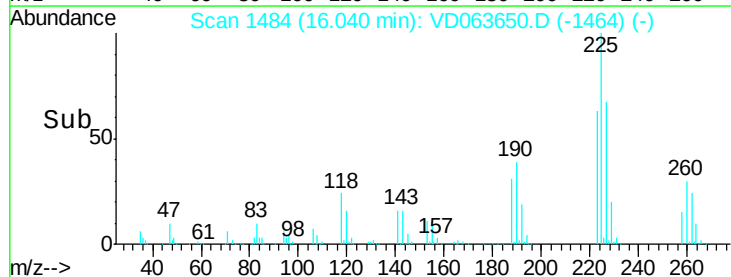
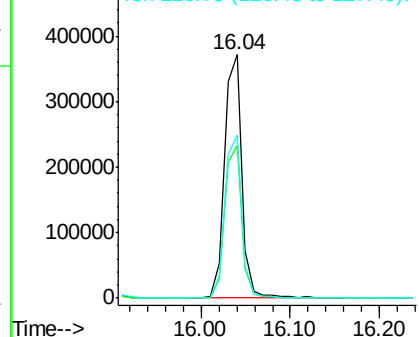


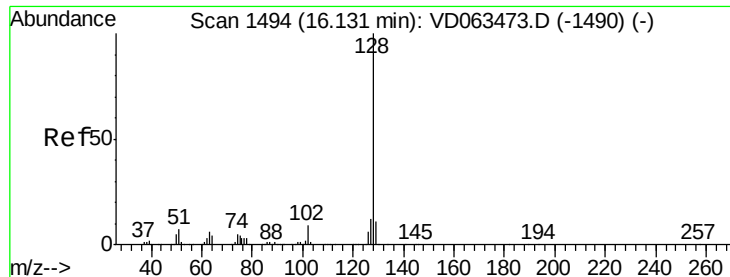
#94
 Hexachlorobutadiene
 Concen: 49.793 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:225 Resp: 507862
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.5
 227 67.1 30.7 92.1



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: 52.378 ug/l

RT: 16.12 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

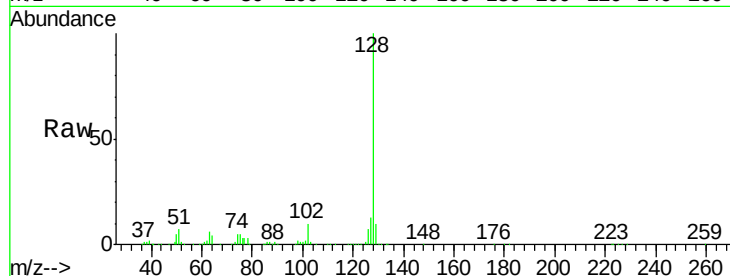
Tot Ion:128 Resp: 1062315

Ion Ratio Lower Upper

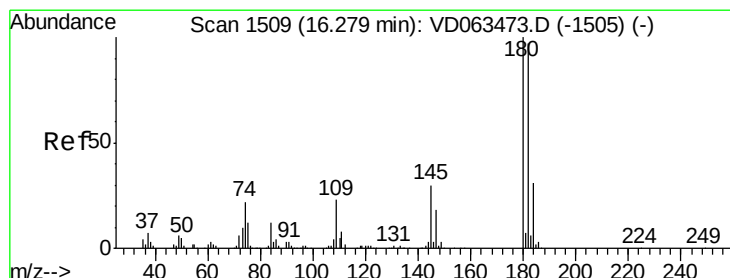
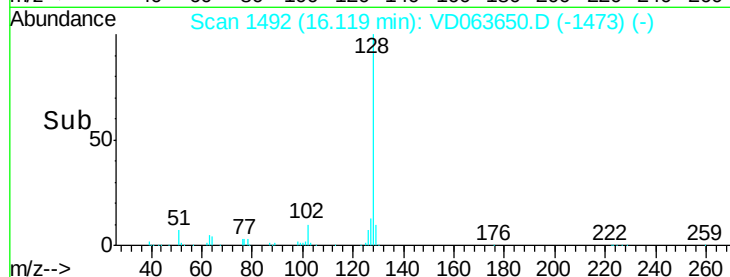
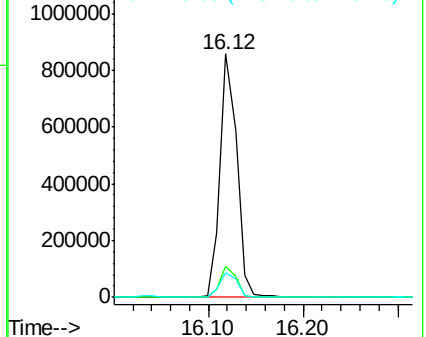
128 100

127 12.5 9.4 14.0

129 10.3 8.5 12.7



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: 49.046 ug/l

RT: 16.27 min Scan# 1507

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

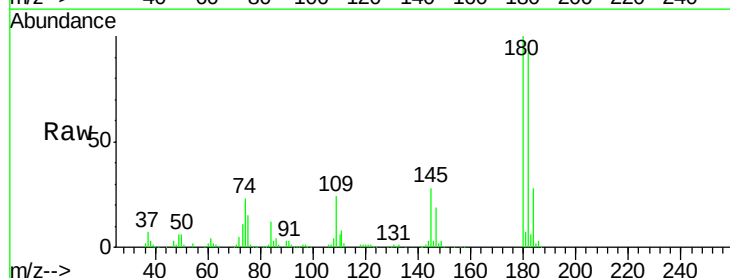
Tgt Ion:180 Resp: 530139

Ion Ratio Lower Upper

180 100

182 91.6 48.4 145.2

145 28.4 14.9 44.9



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

