

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100820\
 Data File : VD067183.D
 Acq On : 08 Oct 2020 09:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 08 16:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	369014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	540348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	498701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245024	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	170218	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	7.91	113	176645	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.34	98	654353	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.64	95	229136	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	165867	56.477	ug/l	96
3) Chloromethane	2.21	50	116654	39.695	ug/l	98
4) Vinyl Chloride	2.35	62	124429	42.227	ug/l	100
5) Bromomethane	2.77	94	94325	49.629	ug/l	91
6) Chloroethane	2.92	64	80510	44.864	ug/l	89
7) Trichlorofluoromethane	3.27	101	311222	47.538	ug/l	97
8) Diethyl Ether	3.71	74	75969	46.794	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	175892	47.534	ug/l	100
10) Methyl Iodide	4.30	142	159198	44.277	ug/l	96
11) Tert butyl alcohol	5.23	59	46334	215.782	ug/l	95
12) 1,1-Dichloroethene	4.07	96	156430	44.969	ug/l	97
13) Acrolein	3.91	56	56129	235.839	ug/l	98
14) Allyl chloride	4.71	41	183898	40.694	ug/l	90
15) Acrylonitrile	5.41	53	129736	217.128	ug/l	98
16) Acetone	4.16	43	147981	272.741	ug/l	99
17) Carbon Disulfide	4.40	76	457615	42.866	ug/l	100
18) Methyl Acetate	4.71	43	59720	43.794	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	307837	48.476	ug/l	97
20) Methylene Chloride	4.96	84	182379	46.920	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	182244	46.035	ug/l	94
22) Diisopropyl ether	6.36	45	353274	42.821	ug/l	99
23) Vinyl Acetate	6.30	43	1047294	224.019	ug/l	100
24) 1,1-Dichloroethane	6.27	63	284262	44.646	ug/l	99
25) 2-Butanone	7.21	43	159027	206.733	ug/l	94
26) 2,2-Dichloropropane	7.21	77	280697	51.697	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	198723	47.002	ug/l	97
28) Bromochloromethane	7.55	49	108072	43.952	ug/l	85
29) Tetrahydrofuran	7.56	42	91454	206.766	ug/l	90
30) Chloroform	7.71	83	330467	47.846	ug/l	98
31) Cyclohexane	7.98	56	220844	41.373	ug/l	89
32) 1,1,1-Trichloroethane	7.90	97	315976	49.363	ug/l	98
36) 1,1-Dichloropropene	8.11	75	241560	47.961	ug/l	97
37) Ethyl Acetate	7.29	43	77161	44.223	ug/l #	93
38) Carbon Tetrachloride	8.10	117	302670	55.540	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	264204	49.616	ug/l	95
40) Benzene	8.35	78	673621	48.152	ug/l	97
41) Methacrylonitrile	7.53	41	44268	46.962	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	197852	50.613	ug/l	97
43) Isopropyl Acetate	8.45	43	146670	45.630	ug/l	96
44) Trichloroethene	9.11	130	211883	50.721	ug/l	100
45) 1,2-Dichloropropane	9.38	63	155566	47.327	ug/l	94
46) Dibromomethane	9.47	93	94068	49.792	ug/l	96
47) Bromodichloromethane	9.66	83	255907	52.110	ug/l	99
48) Methyl methacrylate	9.46	41	69678	42.312	ug/l #	78
49) 1,4-Dioxane	9.46	88	19429	985.376	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	372418	232.607	ug/l	99
52) Toluene	10.40	92	462885	51.365	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	226700	51.651	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	265868	49.607	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	129392	49.263	ug/l	97
56) Ethyl methacrylate	10.66	69	146245	53.930	ug/l	96
57) 1,3-Dichloropropane	10.94	76	210251	49.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	384872	254.995	ug/l	96
59) 2-Hexanone	10.98	43	271106	253.698	ug/l	95
60) Dibromochloromethane	11.14	129	181807	51.933	ug/l	95
61) 1,2-Dibromoethane	11.24	107	129063	51.146	ug/l	98
64) Tetrachloroethene	10.87	164	183923	50.730	ug/l	94
65) Chlorobenzene	11.67	112	497386	50.147	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	196986	52.211	ug/l	98
67) Ethyl Benzene	11.74	91	878055	51.667	ug/l	100
68) m/p-Xylenes	11.86	106	675497	101.993	ug/l	98
69) o-Xylene	12.18	106	303077	51.173	ug/l	92
70) Styrene	12.20	104	538346	52.935	ug/l	99
71) Bromoform	12.36	173	101606	51.881	ug/l #	98
73) Isopropylbenzene	12.48	105	875041	52.595	ug/l	100
74) N-amyl acetate	12.29	43	132657	44.354	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	128991	46.016	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	169441	79.392	ug/l #	100
77) Bromobenzene	12.77	156	209636	52.183	ug/l	94
78) n-propylbenzene	12.83	91	1001093	50.914	ug/l	98
79) 2-Chlorotoluene	12.91	91	564948	50.218	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	745155	53.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	40800	47.661	ug/l	98
82) 4-Chlorotoluene	13.01	91	607838	50.783	ug/l	99
83) tert-Butylbenzene	13.23	119	643995	54.405	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	740774	52.807	ug/l	98
85) sec-Butylbenzene	13.41	105	877295	52.628	ug/l	99
86) p-Isopropyltoluene	13.52	119	806560	52.189	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	387432	49.512	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	389720	49.809	ug/l	99
89) n-Butylbenzene	13.85	91	733171	51.909	ug/l	99
90) Hexachloroethane	14.12	117	138572	51.188	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	339823	49.726	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22048	48.793	ug/l	96

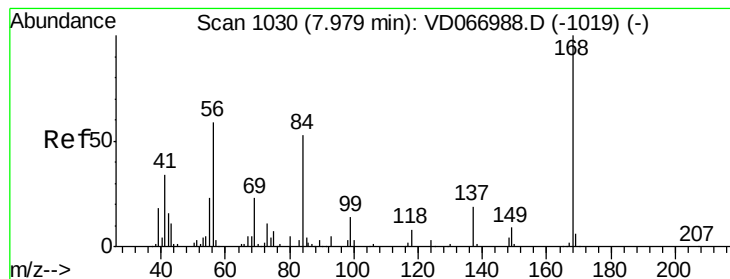
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	244551	55.323	ug/l	99
94) Hexachlorobutadiene	15.28	225	148625	54.748	ug/l	99
95) Naphthalene	15.41	128	402023	54.526	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	206548	53.826	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

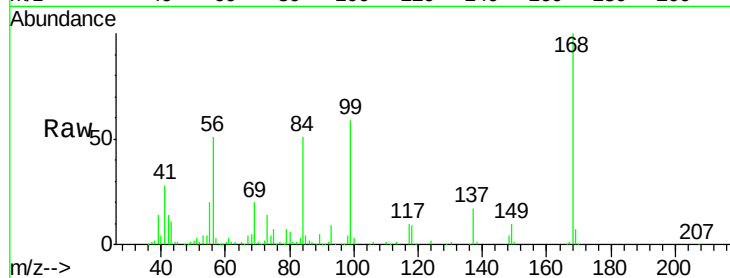
VSTDCCC050

Tgt Ion:168 Resp: 369014

Ion Ratio Lower Upper

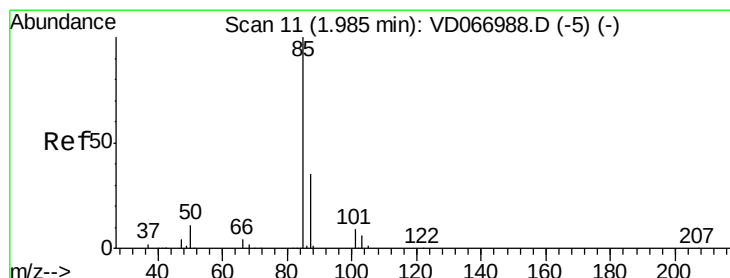
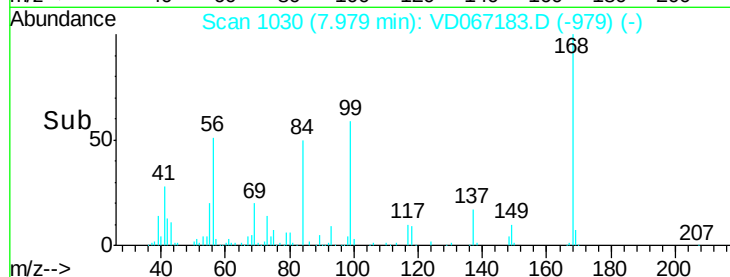
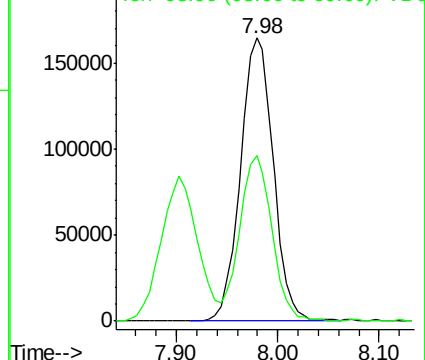
168 100

99 58.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 56.477 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067183.D

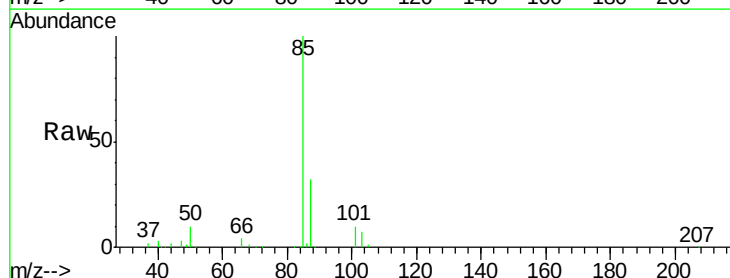
Acq: 08 Oct 2020 09:56

Tgt Ion: 85 Resp: 165867

Ion Ratio Lower Upper

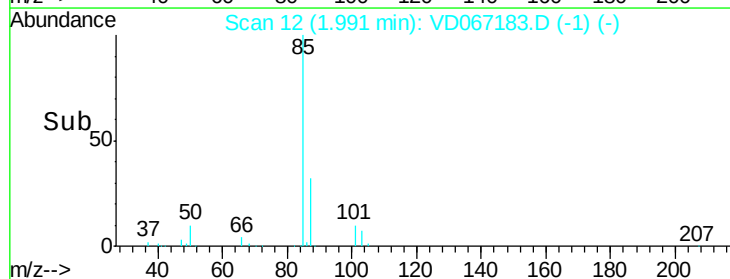
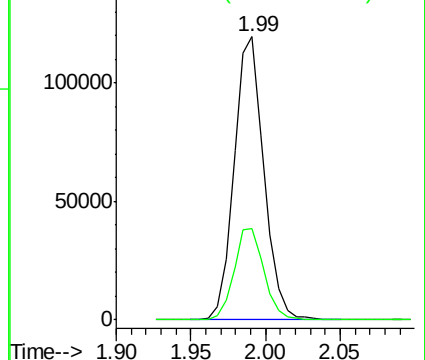
85 100

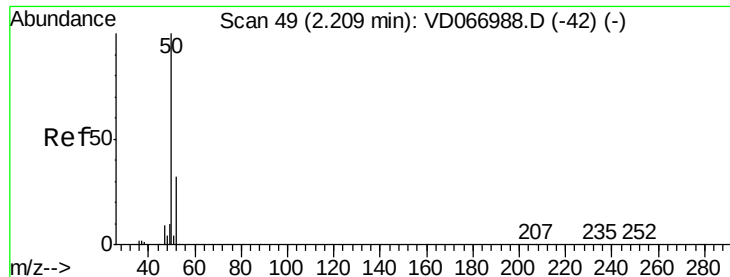
87 32.3 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.695 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

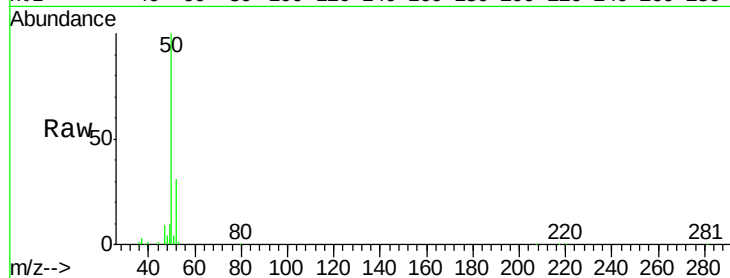
VSTDCCC050

Tgt Ion: 50 Resp: 116654

Ion Ratio Lower Upper

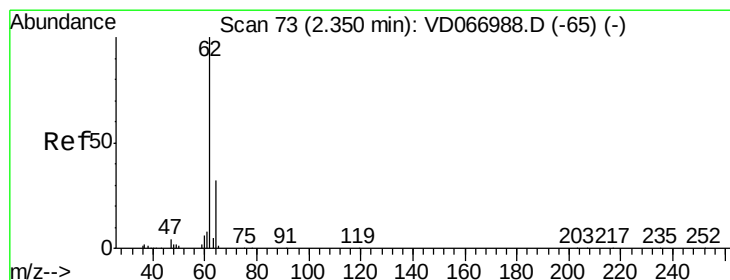
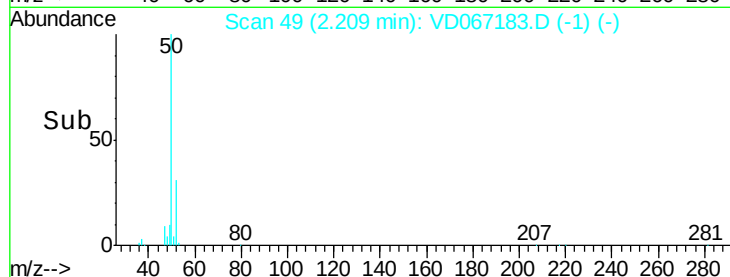
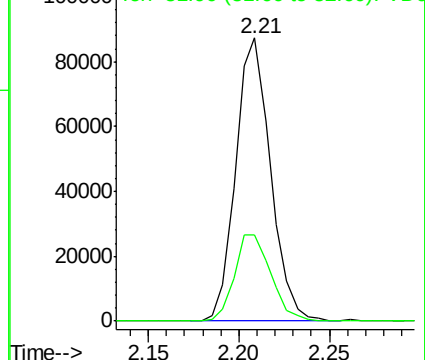
50 100

52 30.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.227 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067183.D

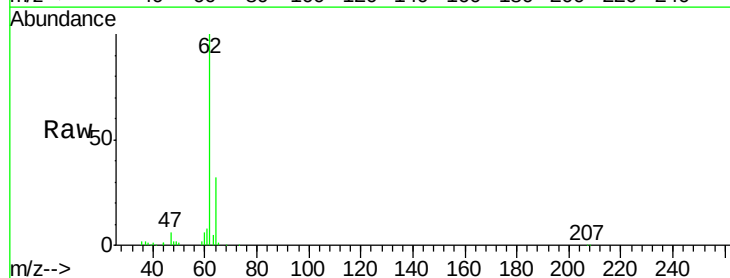
Acq: 08 Oct 2020 09:56

Tgt Ion: 62 Resp: 124429

Ion Ratio Lower Upper

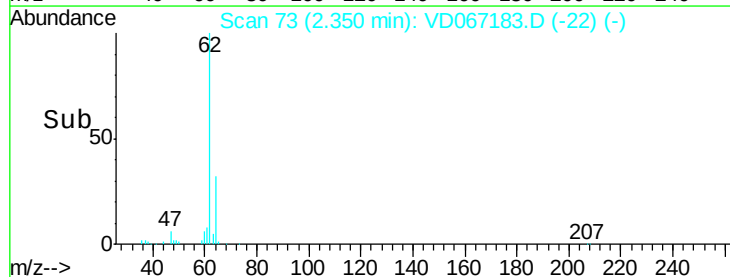
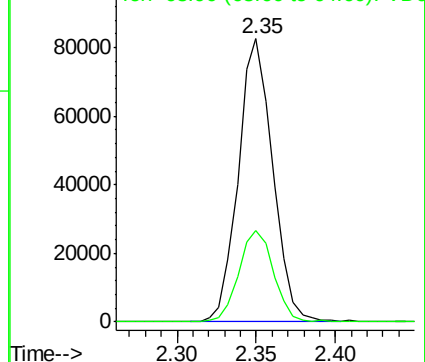
62 100

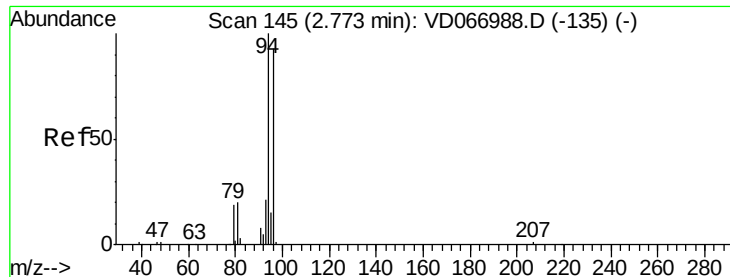
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.629 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

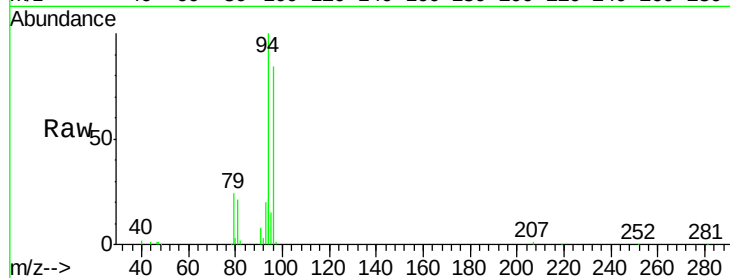
VSTDCCC050

Tgt Ion: 94 Resp: 94325

Ion Ratio Lower Upper

94 100

96 84.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

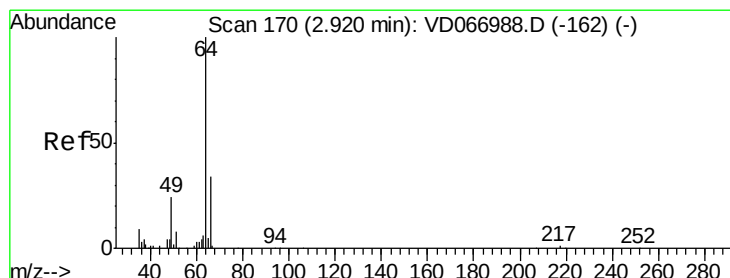
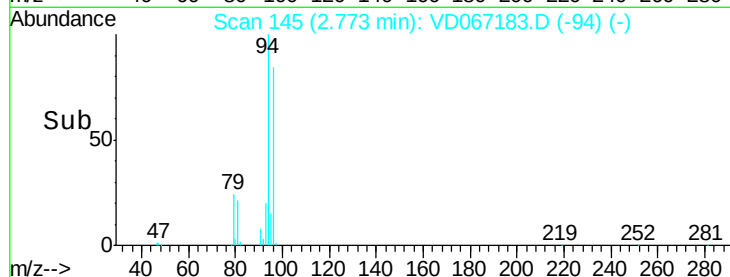
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 44.864 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067183.D

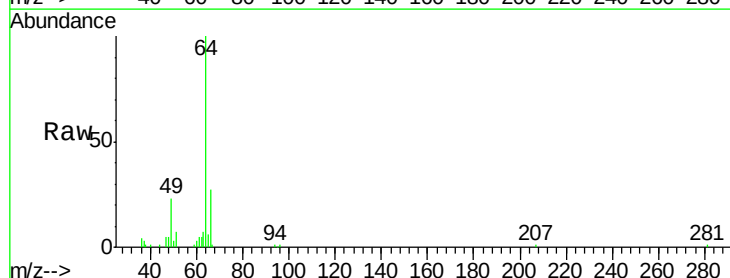
Acq: 08 Oct 2020 09:56

Tgt Ion: 64 Resp: 80510

Ion Ratio Lower Upper

64 100

66 27.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

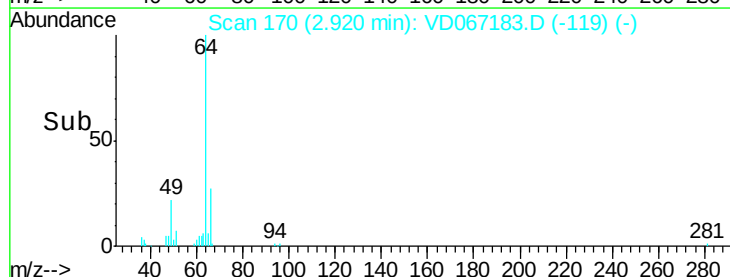
30000

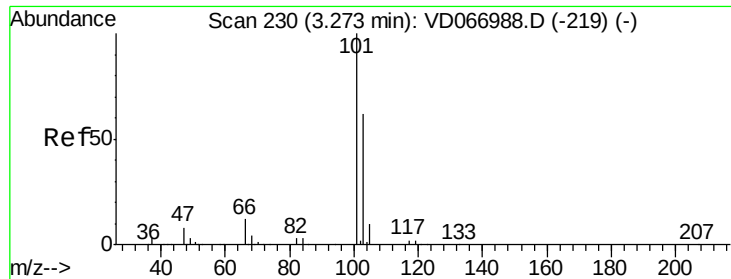
20000

10000

0

Time-->



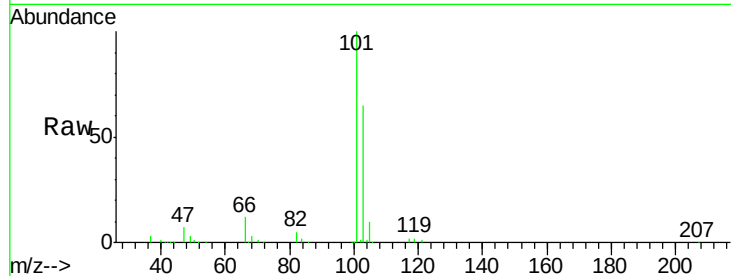


#7

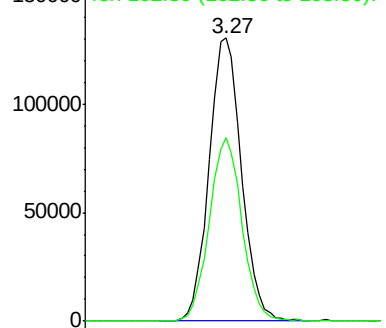
Trichlorofluoromethane
Concen: 47.538 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067183.D
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VSTDCCC050

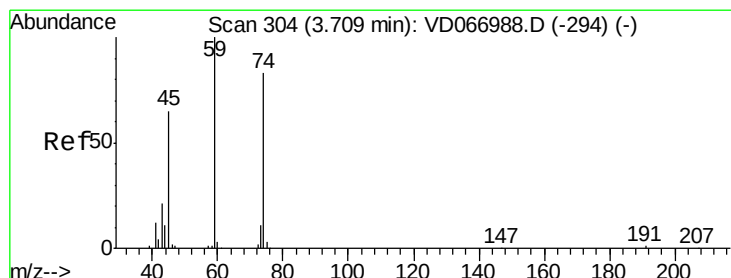
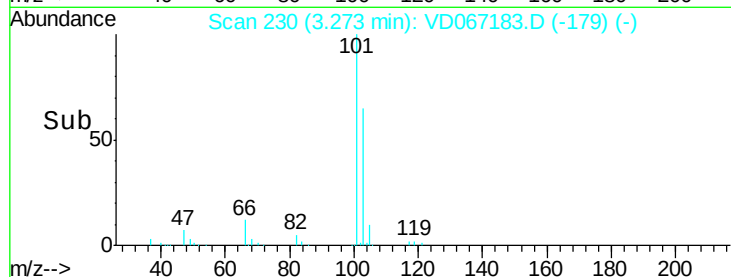
Tgt Ion:101 Resp: 311222
Ion Ratio Lower Upper
101 100
103 64.8 49.8 74.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



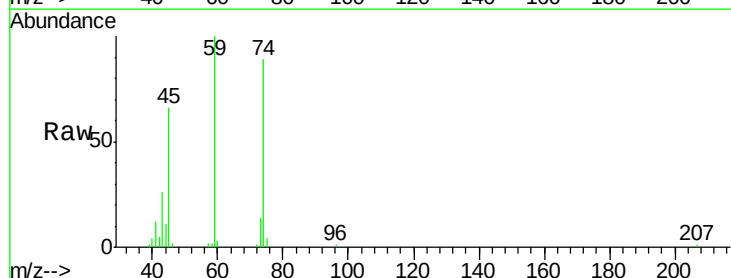
Time-->



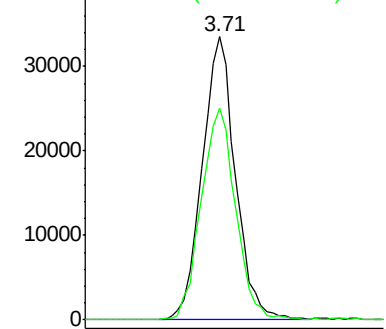
#8

Diethyl Ether
Concen: 46.794 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

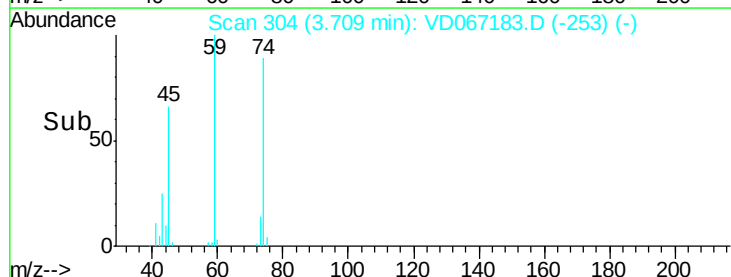
Tgt Ion: 74 Resp: 75969
Ion Ratio Lower Upper
74 100
45 77.5 43.1 129.3

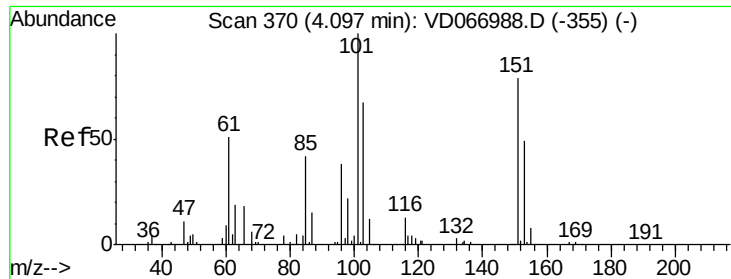


Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC



Time-->

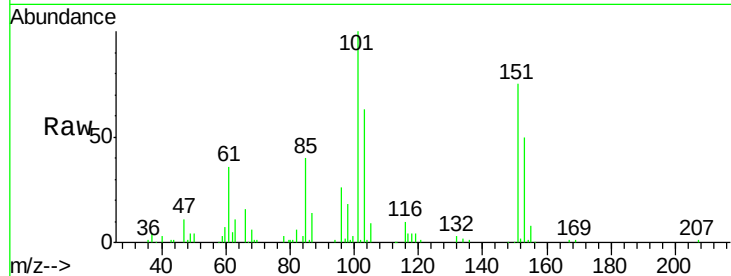




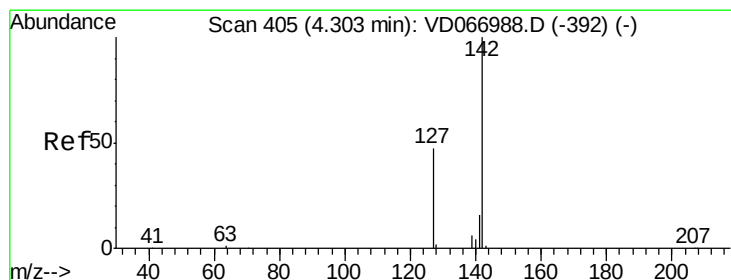
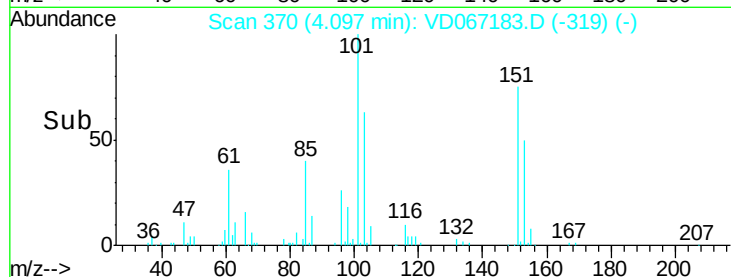
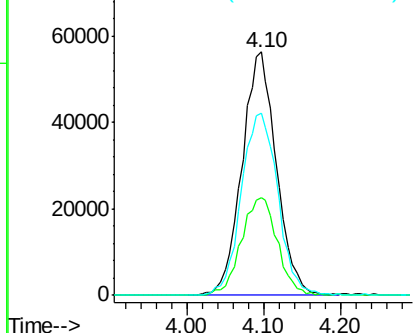
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.534 ug/l
 RT: 4.10 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VD067183.D
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Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 175892
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.8 50.8
 151 79.4 63.8 95.8

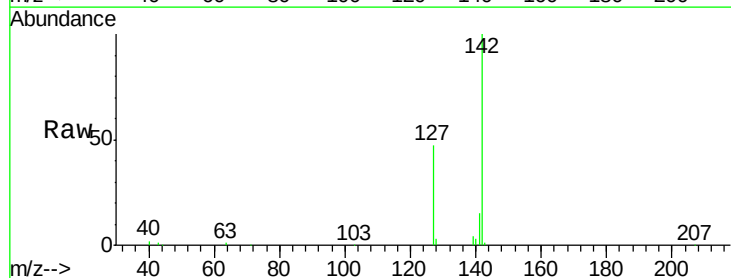


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

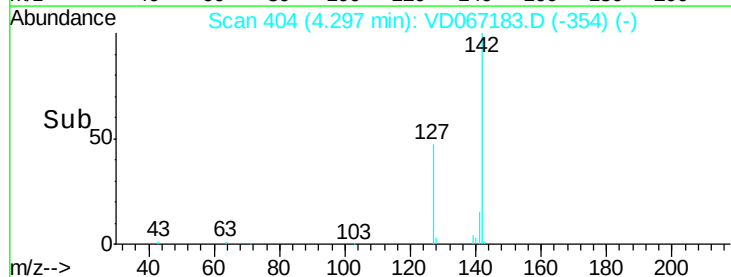
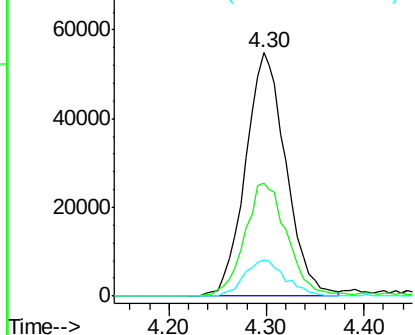


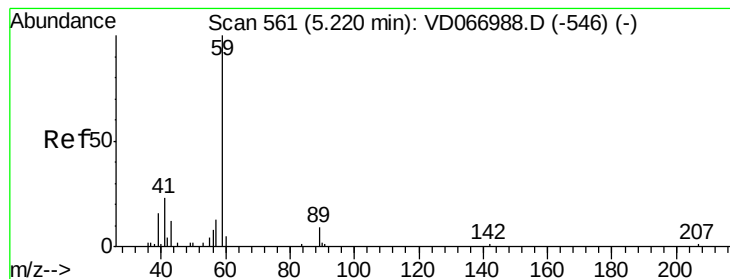
#10
 Methyl Iodide
 Concen: 44.277 ug/l
 RT: 4.30 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion:142 Resp: 159198
 Ion Ratio Lower Upper
 142 100
 127 48.7 36.3 54.5
 141 15.3 12.0 18.0



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



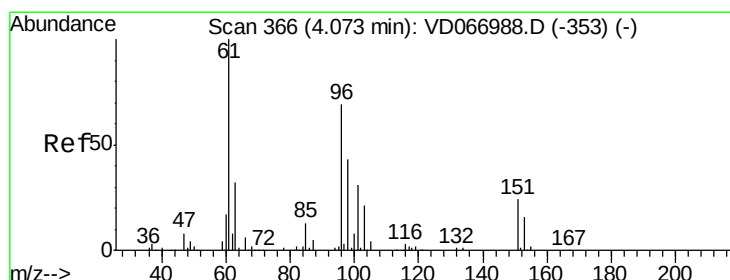
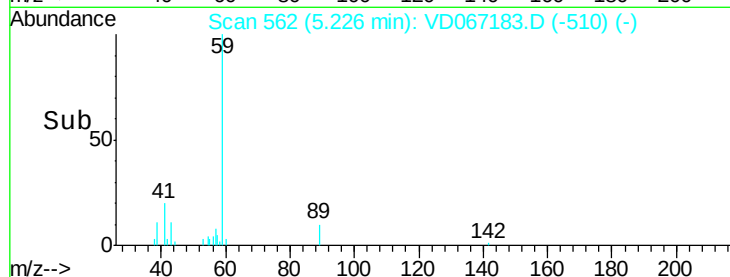
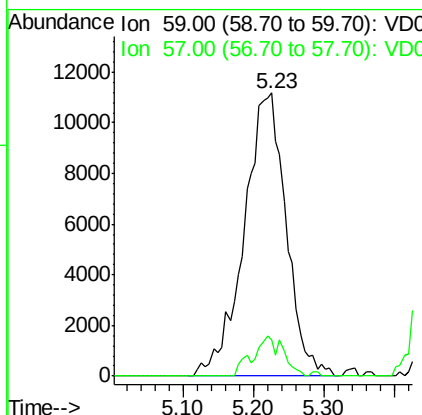
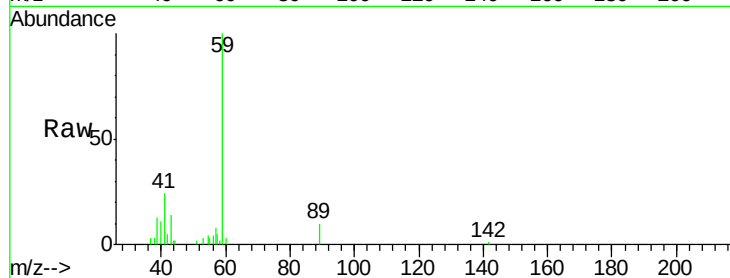


#11

Tert butyl alcohol
 Concen: 215.782 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

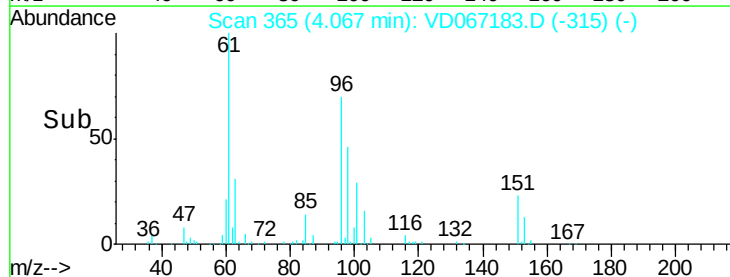
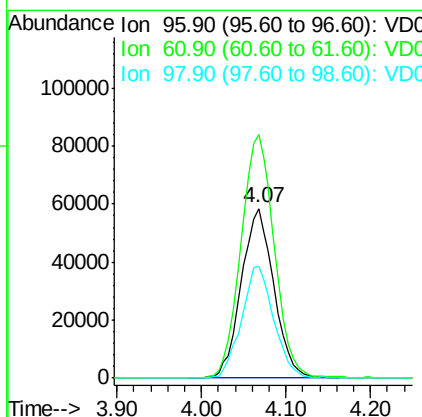
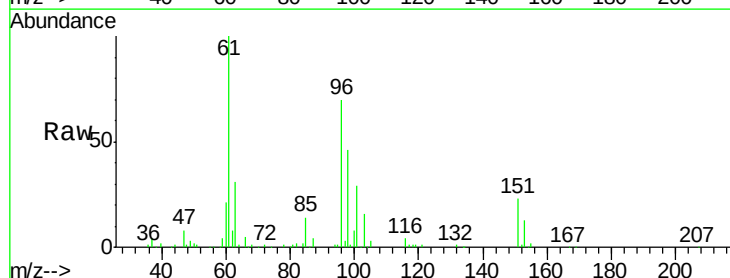
Tgt Ion: 59 Resp: 46334
 Ion Ratio Lower Upper
 59 100
 57 8.3 8.2 12.4

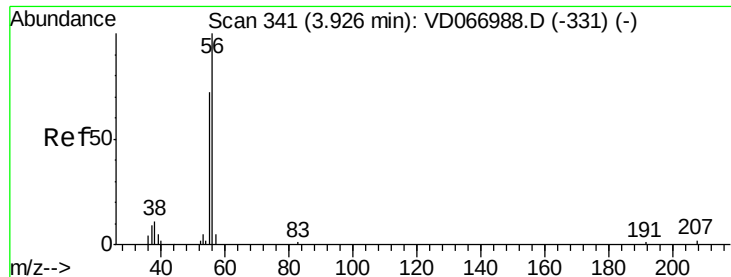


#12

1,1-Dichloroethene
 Concen: 44.969 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 96 Resp: 156430
 Ion Ratio Lower Upper
 96 100
 61 143.4 116.4 174.6
 98 65.8 49.9 74.9





#13

Acrolein

Concen: 235.839 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

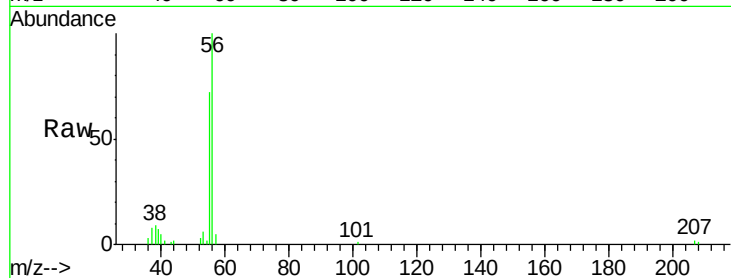
VSTDCCC050

Tgt Ion: 56 Resp: 56129

Ion Ratio Lower Upper

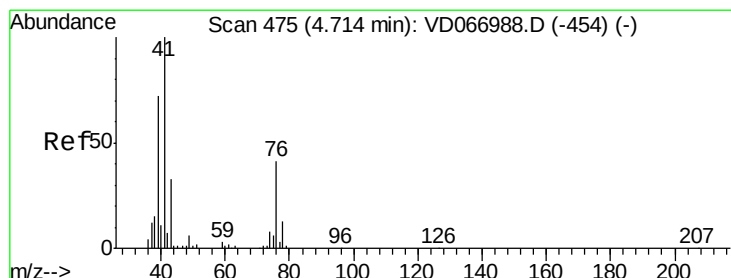
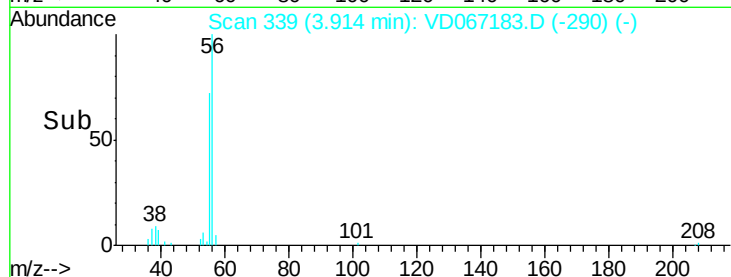
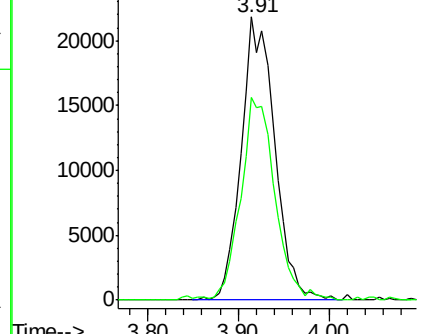
56 100

55 72.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 40.694 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

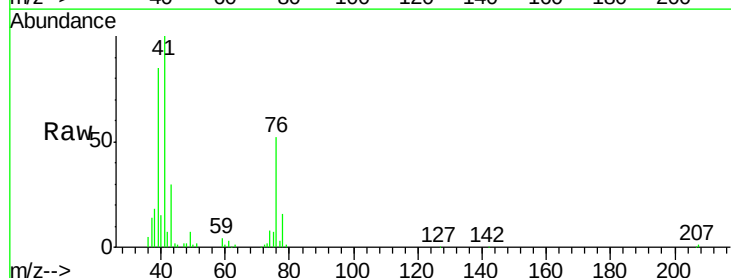
Tgt Ion: 41 Resp: 183898

Ion Ratio Lower Upper

41 100

39 79.2 56.2 84.2

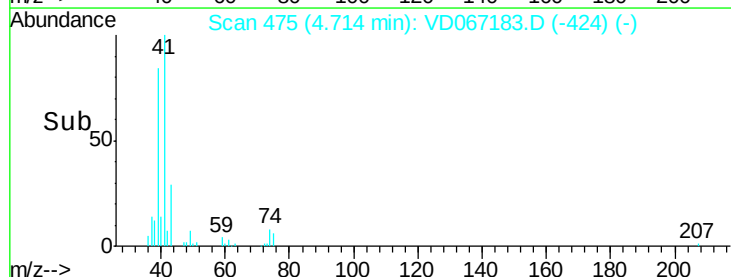
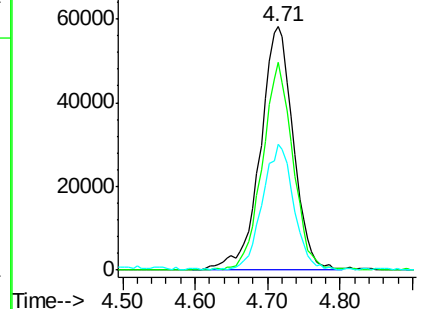
76 48.9 34.2 51.2

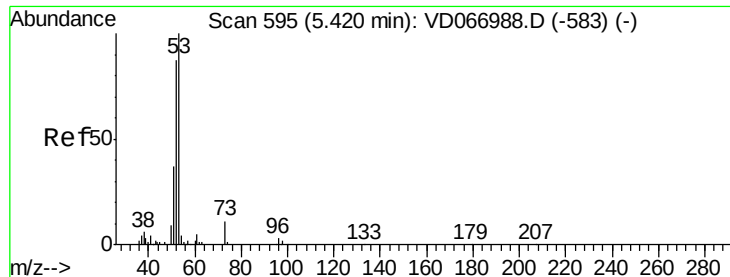


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 217.128 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

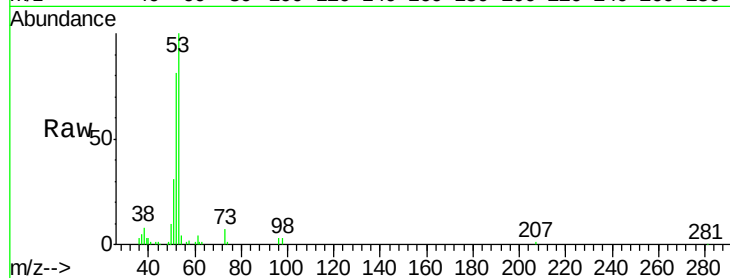
Tgt Ion: 53 Resp: 129736

Ion Ratio Lower Upper

53 100

52 81.1 67.3 100.9

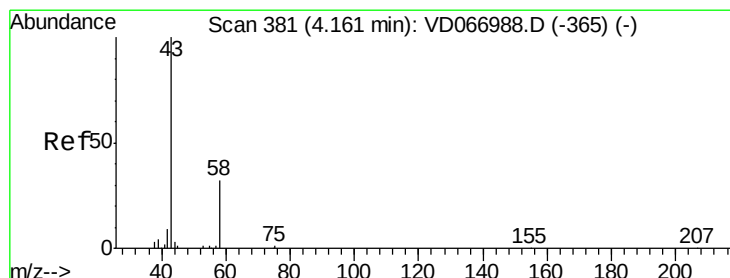
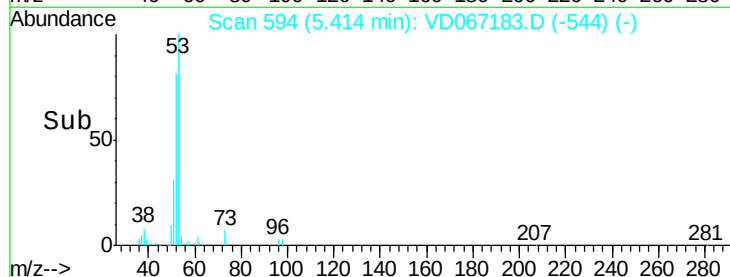
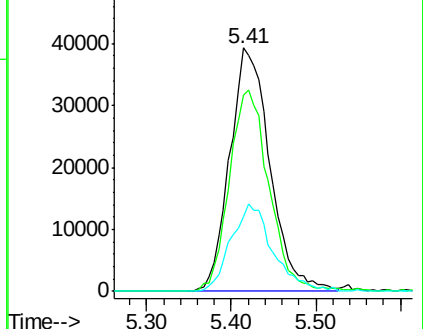
51 37.3 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 272.741 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067183.D

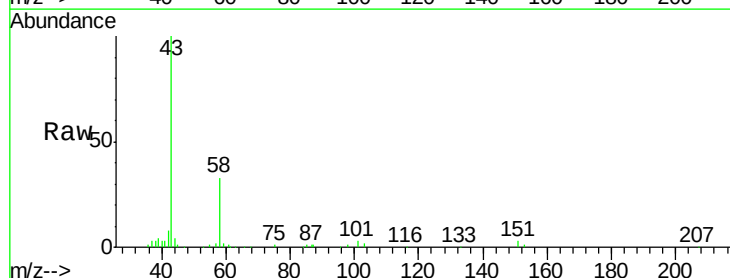
Acq: 08 Oct 2020 09:56

Tgt Ion: 43 Resp: 147981

Ion Ratio Lower Upper

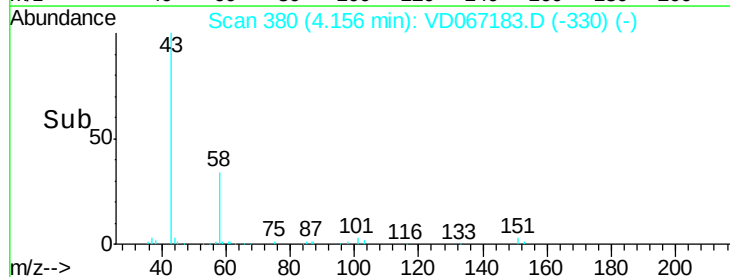
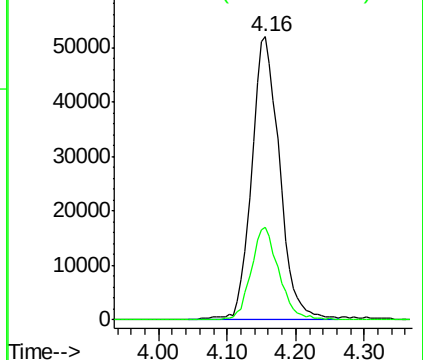
43 100

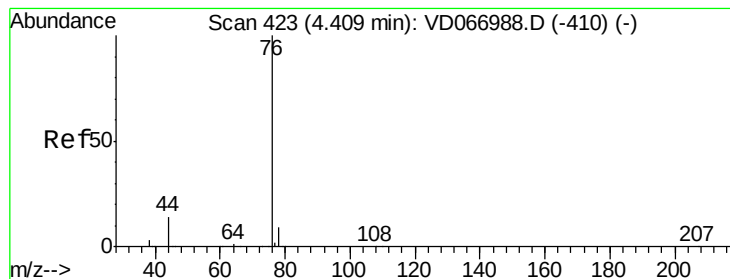
58 32.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 42.866 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

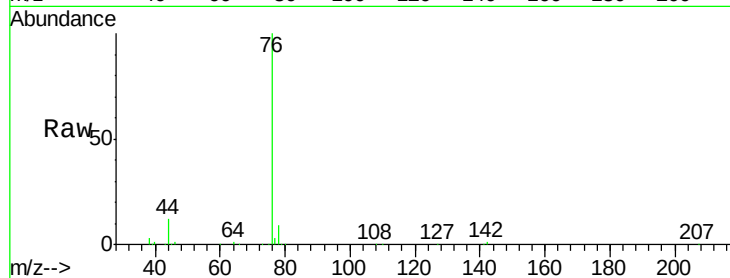
VSTDCCC050

Tgt Ion: 76 Resp: 457615

Ion Ratio Lower Upper

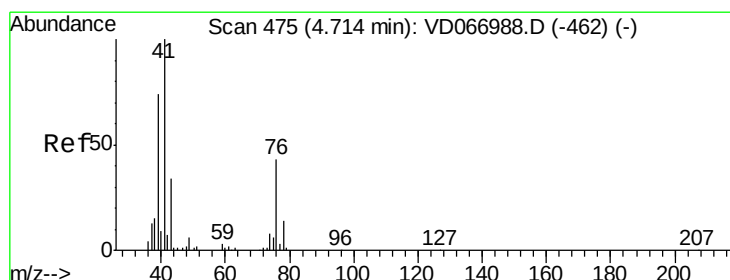
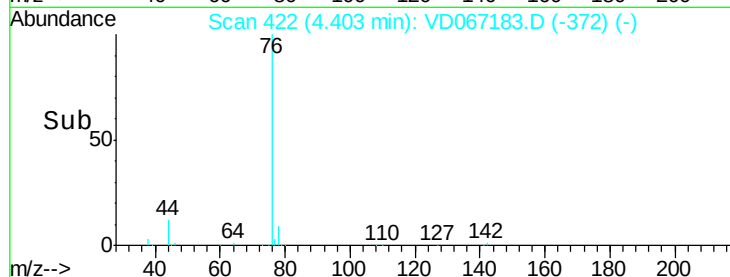
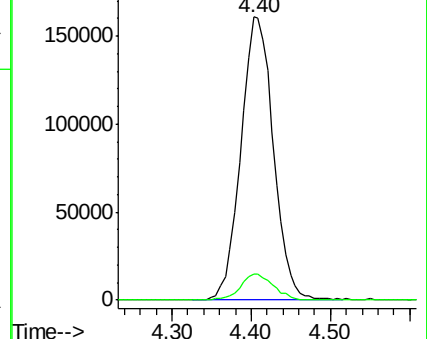
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 43.794 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067183.D

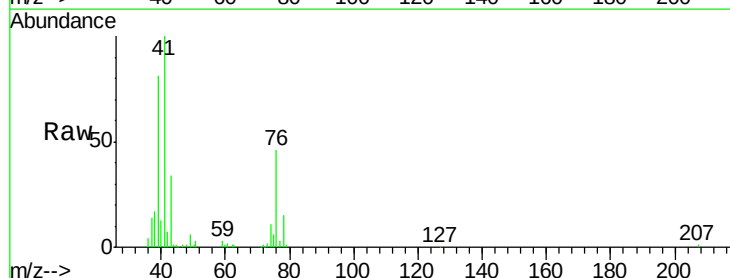
Acq: 08 Oct 2020 09:56

Tgt Ion: 43 Resp: 59720

Ion Ratio Lower Upper

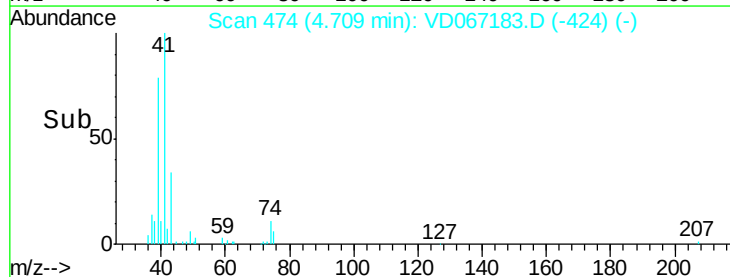
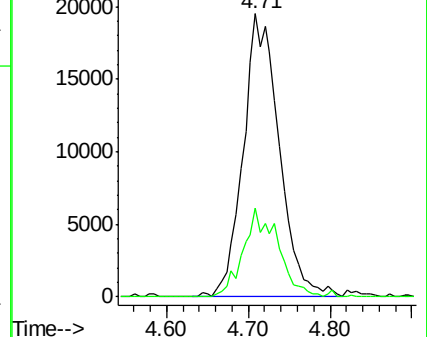
43 100

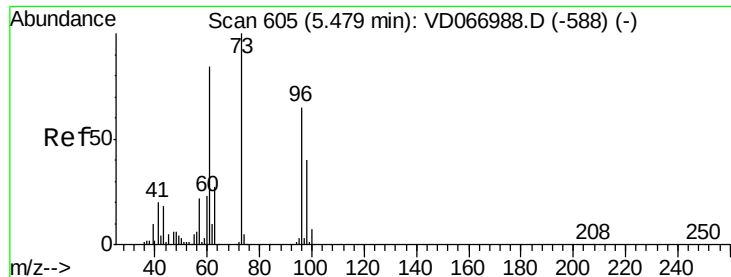
74 29.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 48.476 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

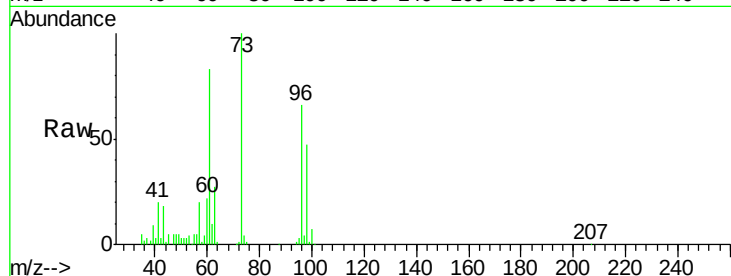
VSTDCCC050

Tgt Ion: 73 Resp: 307837

Ion Ratio Lower Upper

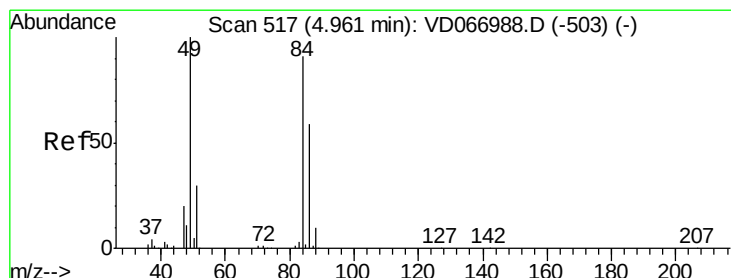
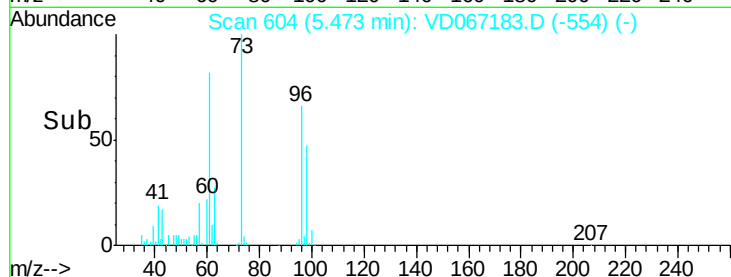
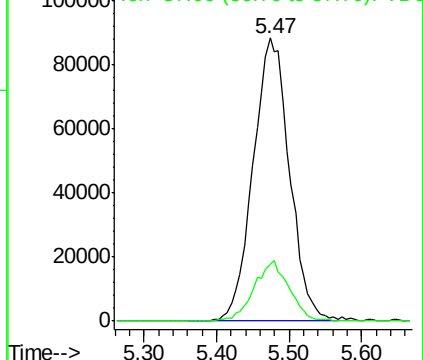
73 100

57 20.1 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#20

Methylene Chloride

Concen: 46.920 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion: 84 Resp: 182379

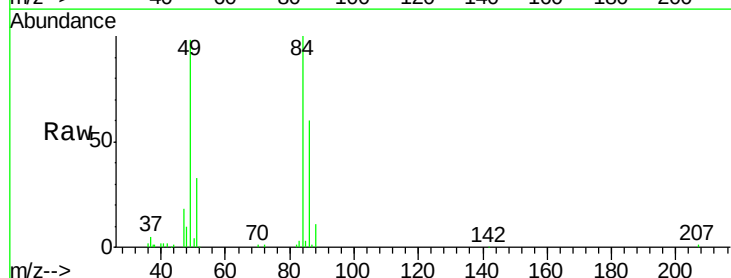
Ion Ratio Lower Upper

84 100

49 97.8 88.2 132.2

51 33.3 26.6 39.8

86 59.6 52.1 78.1

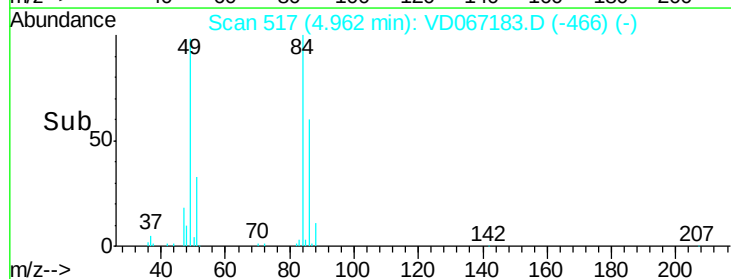
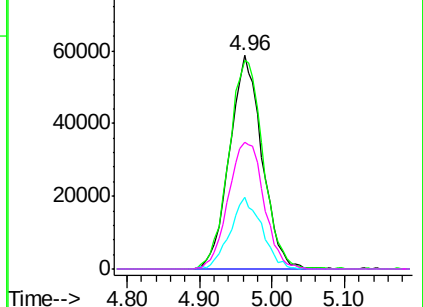


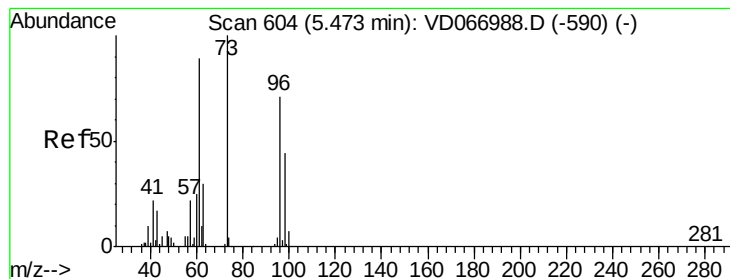
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 46.035 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

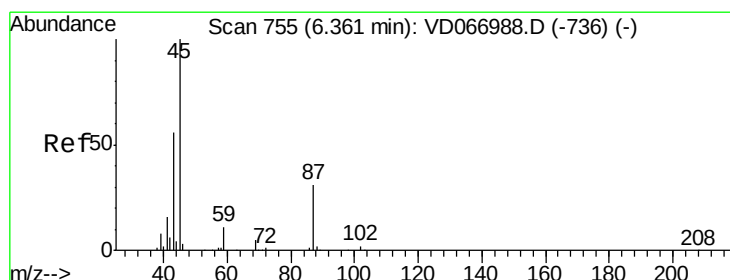
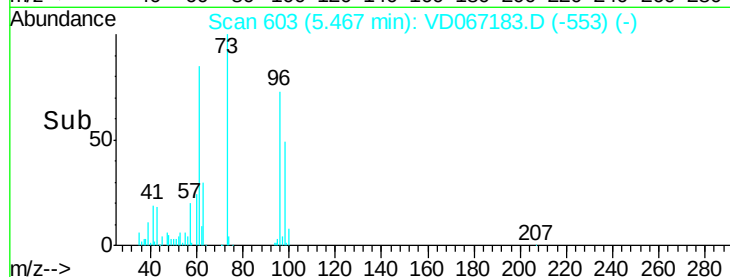
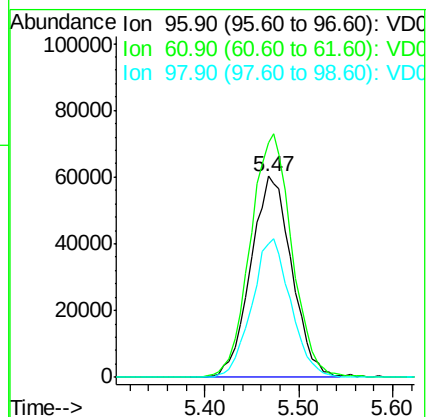
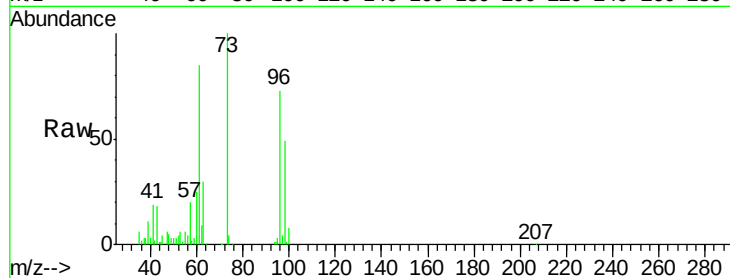
Tgt Ion: 96 Resp: 182244

Ion Ratio Lower Upper

96 100

61 117.1 99.6 149.4

98 66.5 49.4 74.2



#22

Diisopropyl ether

Concen: 42.821 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion: 45 Resp: 353274

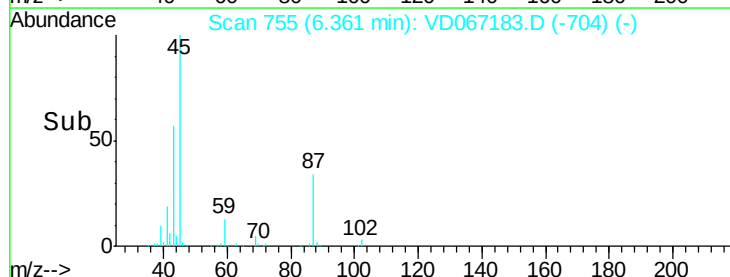
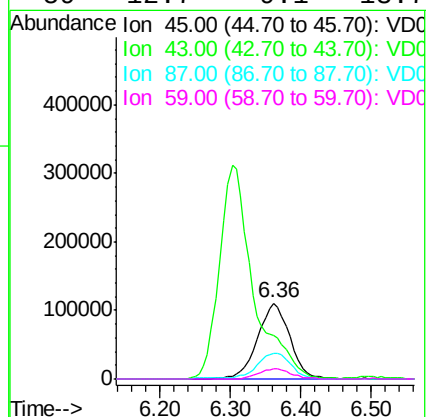
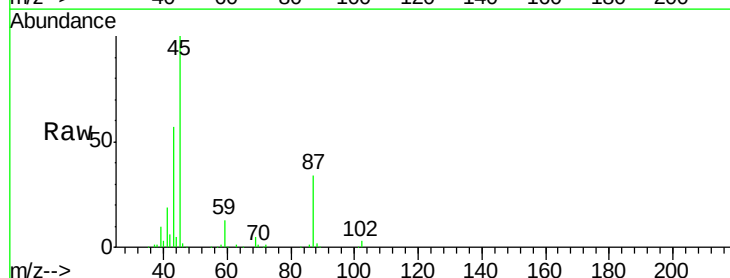
Ion Ratio Lower Upper

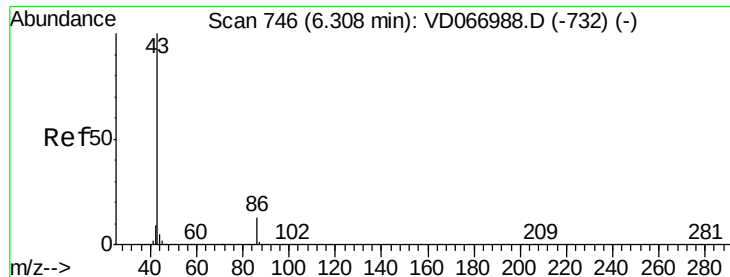
45 100

43 56.5 45.2 67.8

87 33.3 25.6 38.4

59 12.7 9.1 13.7





#23

Vinyl Acetate

Concen: 224.019 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

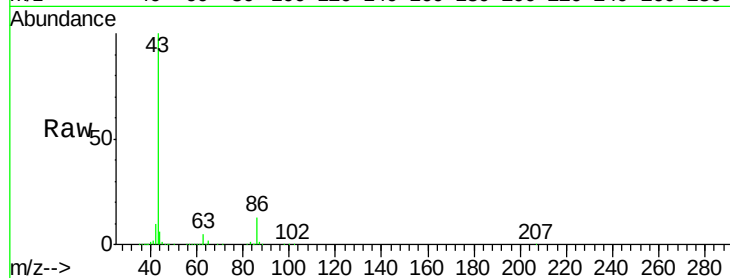
VSTDCCC050

Tgt Ion: 43 Resp: 1047294

Ion Ratio Lower Upper

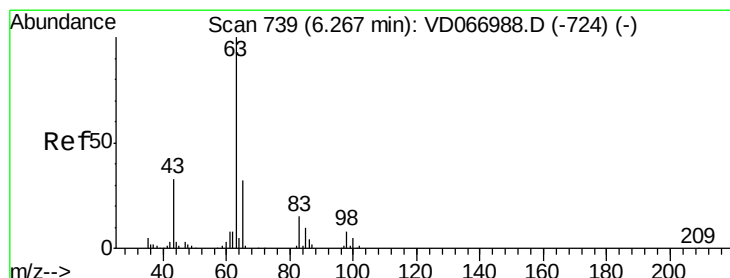
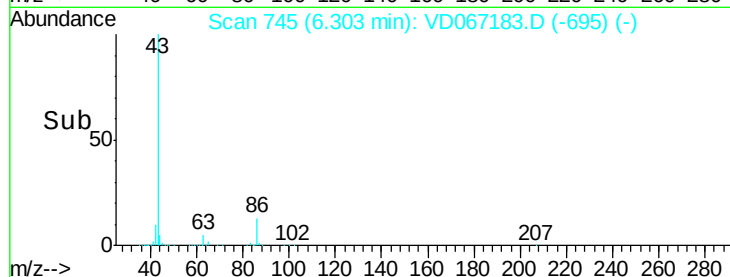
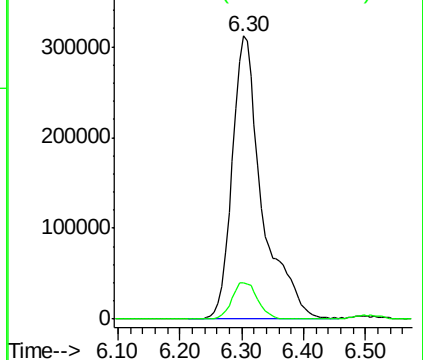
43 100

86 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 44.646 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

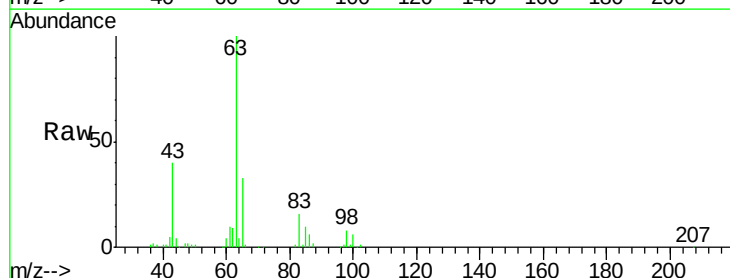
Tgt Ion: 63 Resp: 284262

Ion Ratio Lower Upper

63 100

98 8.3 4.2 12.6

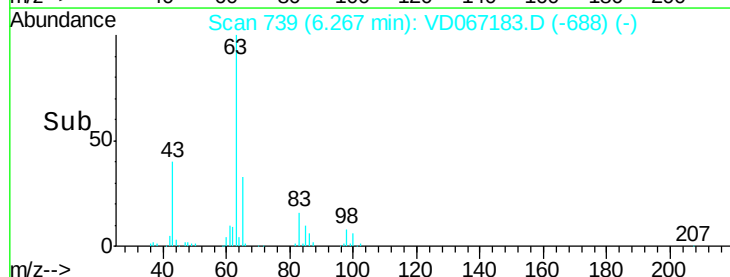
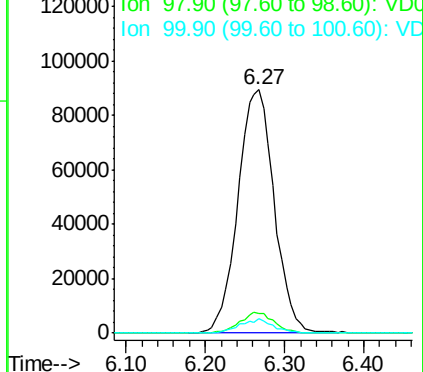
100 6.1 2.6 7.8

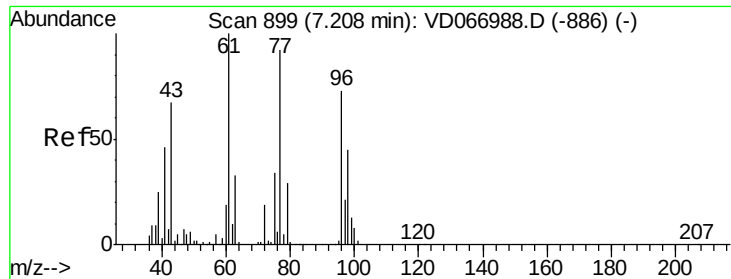


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

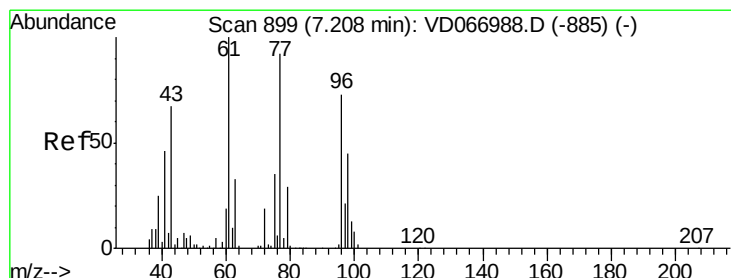
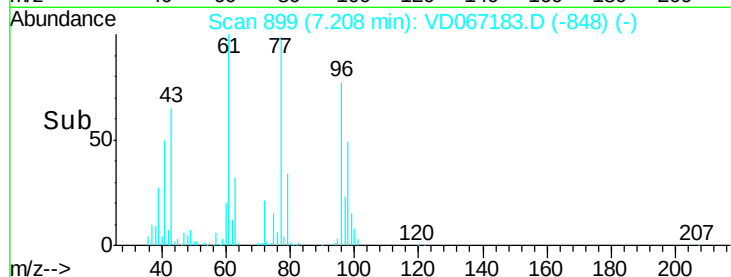
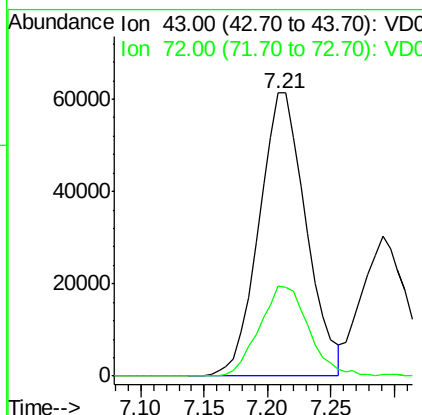
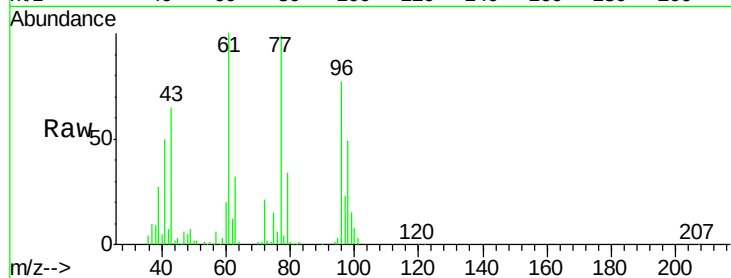




#25
2-Butanone
Concen: 206.733 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

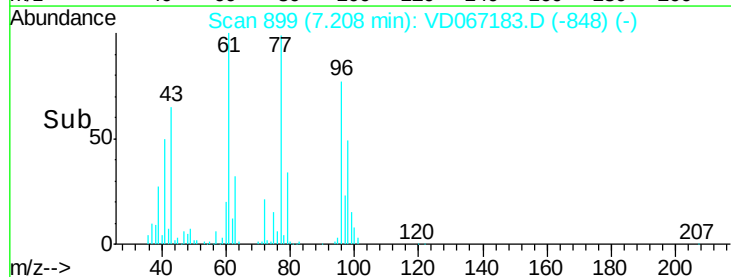
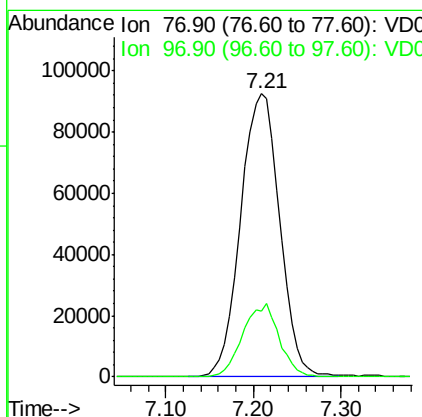
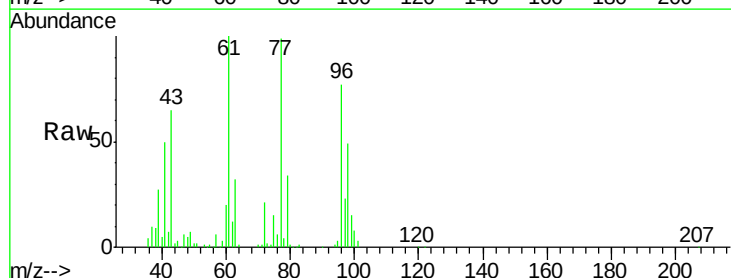
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

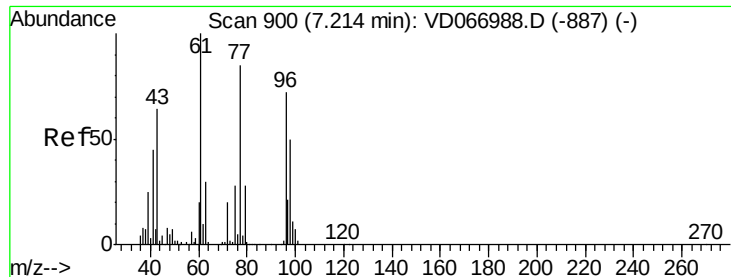
Tgt Ion: 43 Resp: 159027
Ion Ratio Lower Upper
43 100
72 31.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 51.697 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 77 Resp: 280697
Ion Ratio Lower Upper
77 100
97 24.1 11.4 34.2



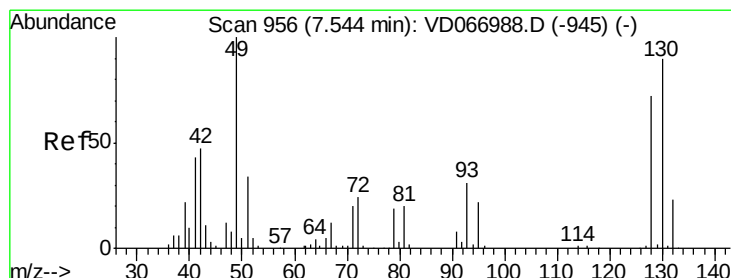
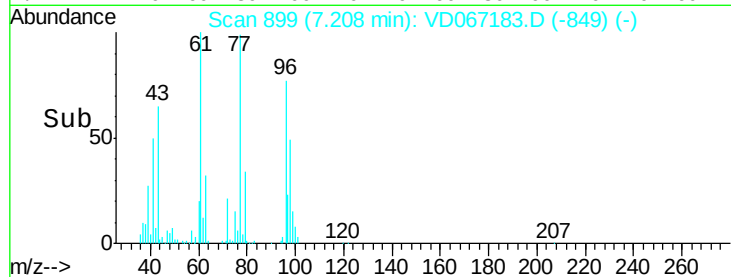
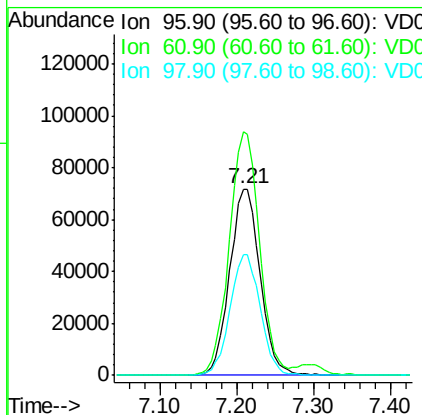
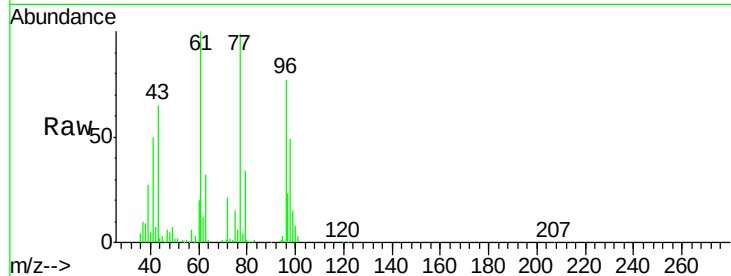


#27

cis-1,2-Dichloroethene
Concen: 47.002 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

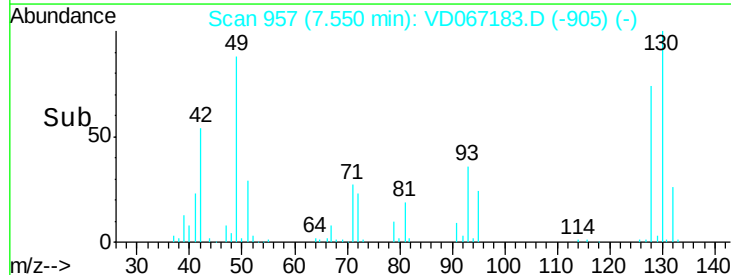
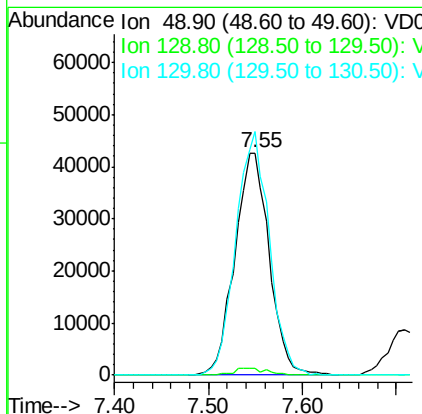
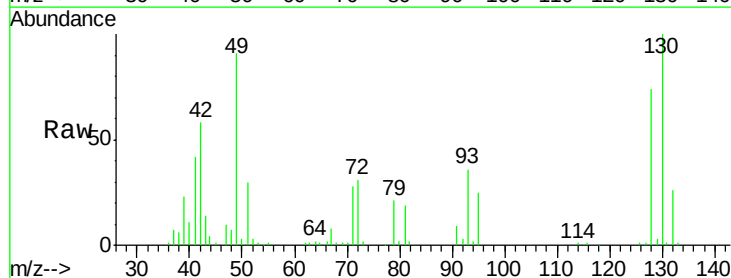
Tgt Ion: 96 Resp: 198723
Ion Ratio Lower Upper
96 100
61 129.8 0.0 269.2
98 64.4 0.0 129.4

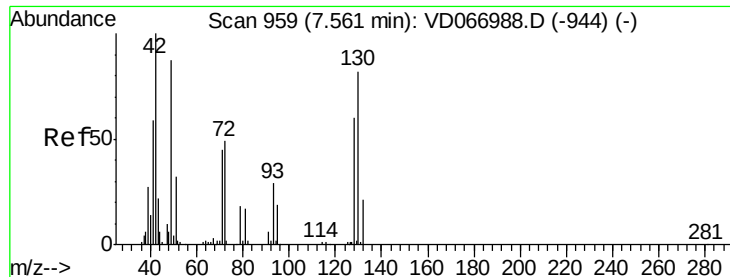


#28

Bromochloromethane
Concen: 43.952 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 49 Resp: 108072
Ion Ratio Lower Upper
49 100
129 3.1 0.0 4.6
130 106.8 74.1 111.1

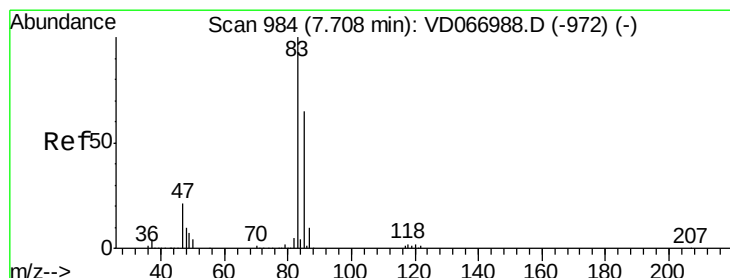
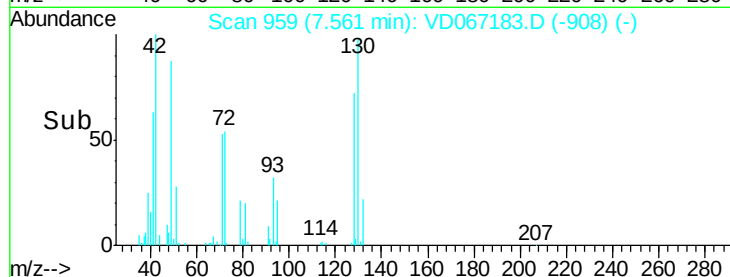
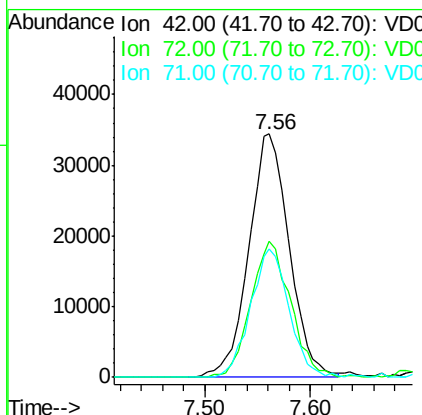
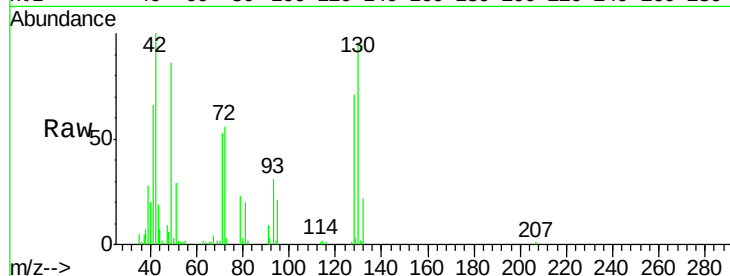




#29
Tetrahydrofuran
Concen: 206.766 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

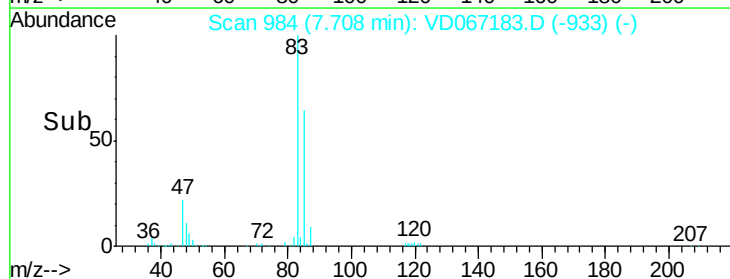
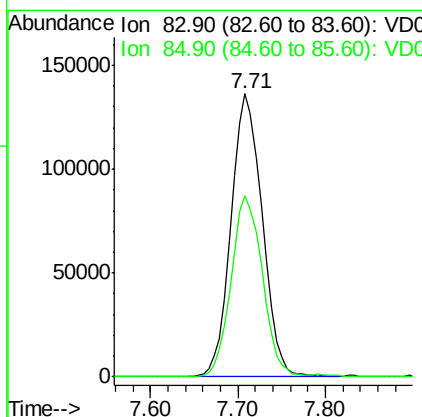
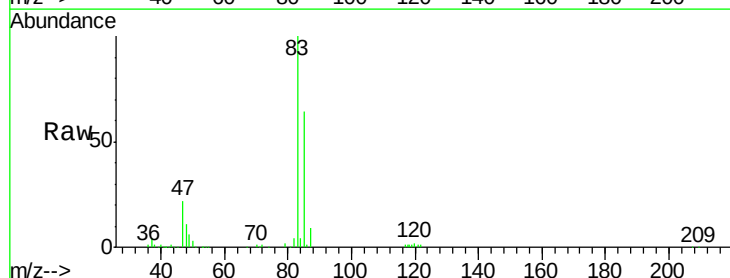
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

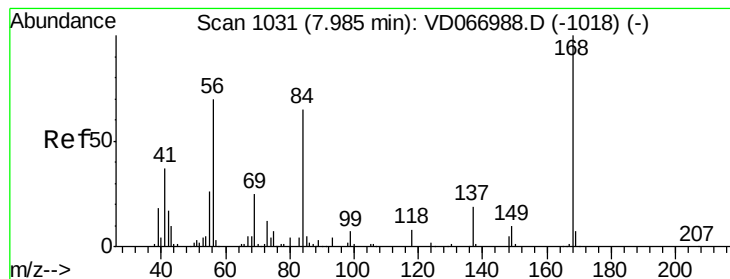
Tgt Ion: 42 Resp: 91454
Ion Ratio Lower Upper
42 100
72 55.0 39.1 58.7
71 50.1 34.2 51.4



#30
Chloroform
Concen: 47.846 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 83 Resp: 330467
Ion Ratio Lower Upper
83 100
85 63.7 52.3 78.5





#31

Cyclohexane

Concen: 41.373 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

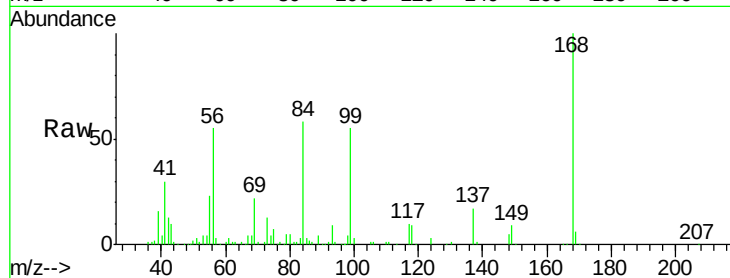
Tgt Ion: 56 Resp: 220844

Ion Ratio Lower Upper

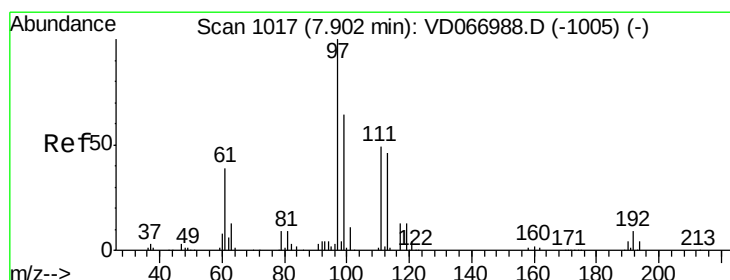
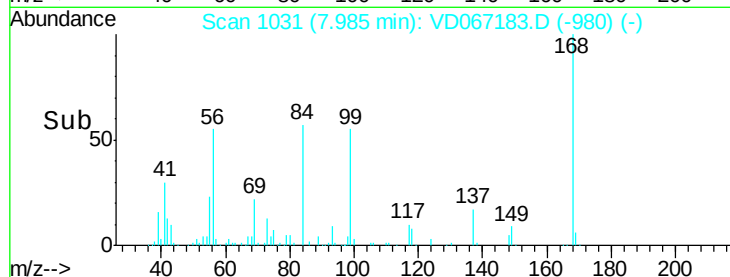
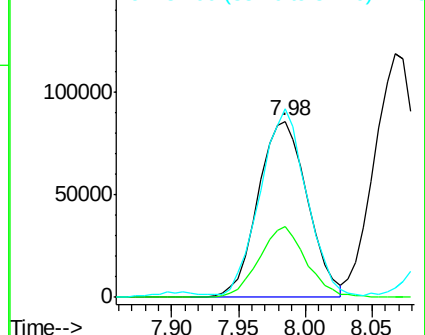
56 100

69 40.1 29.0 43.6

84 104.6 74.2 111.2



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 49.363 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

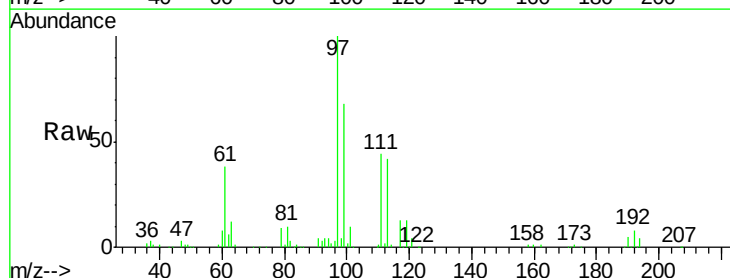
Tgt Ion: 97 Resp: 315976

Ion Ratio Lower Upper

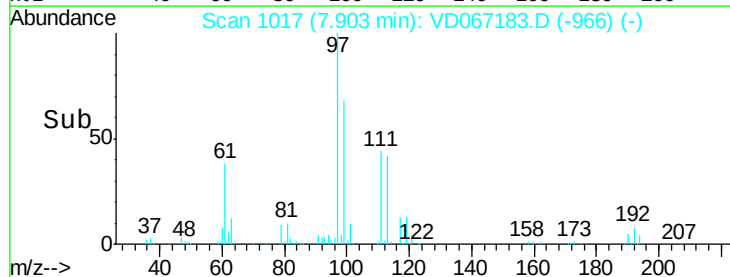
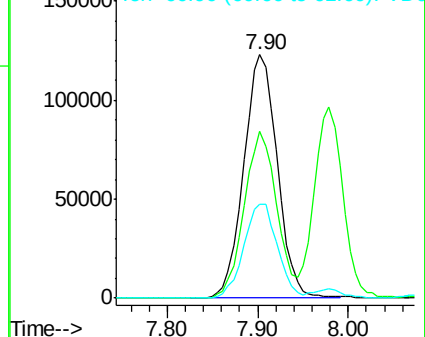
97 100

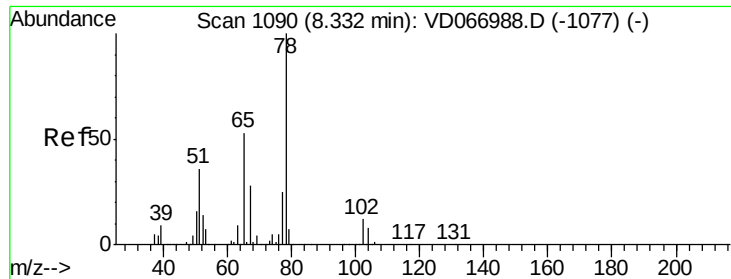
99 66.9 52.6 78.8

61 38.6 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

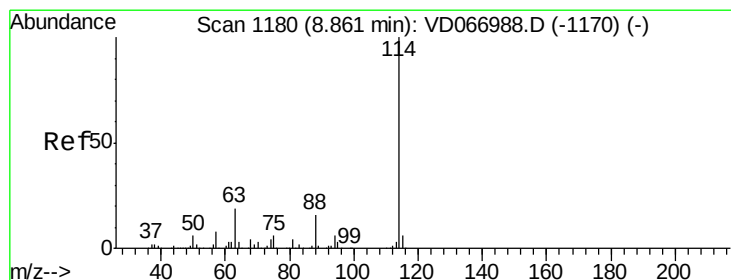
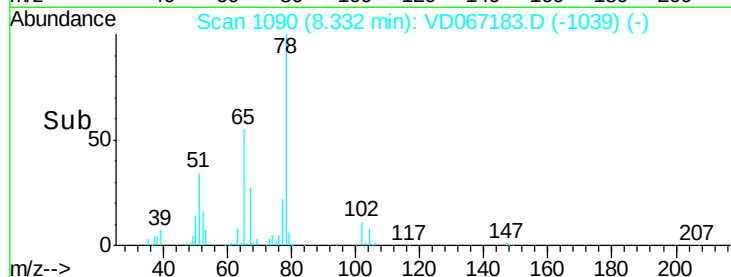
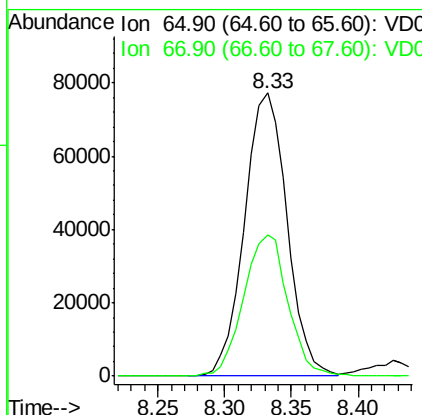
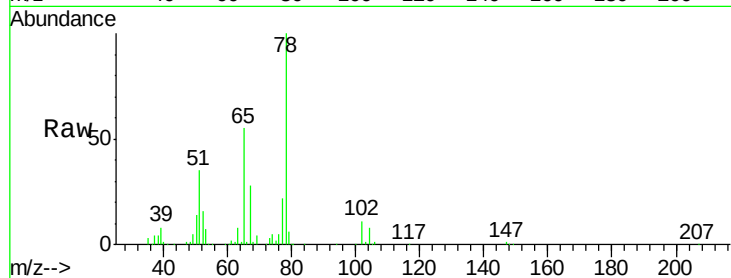




#33
 1,2-Dichloroethane-d4
 Concen: 47.890 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

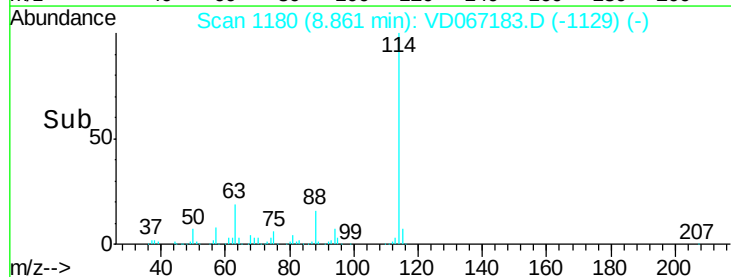
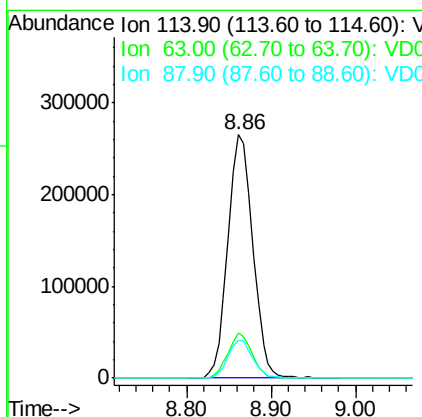
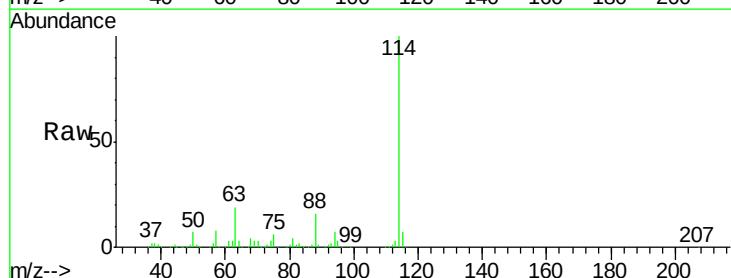
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

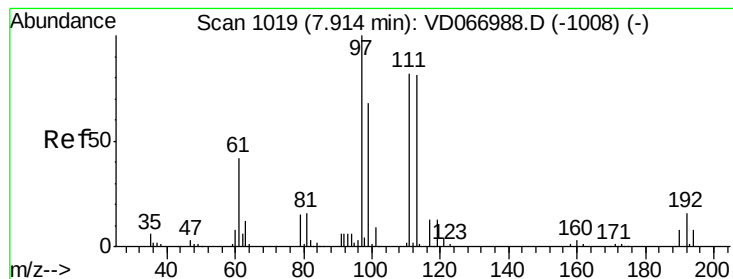
Tgt Ion: 65 Resp: 170218
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 114 Resp: 540348
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.4
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.934 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

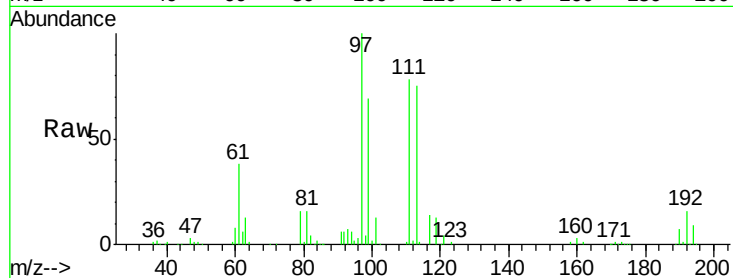
Tgt Ion: 113 Resp: 176645

Ion Ratio Lower Upper

113 100

111 105.9 83.0 124.4

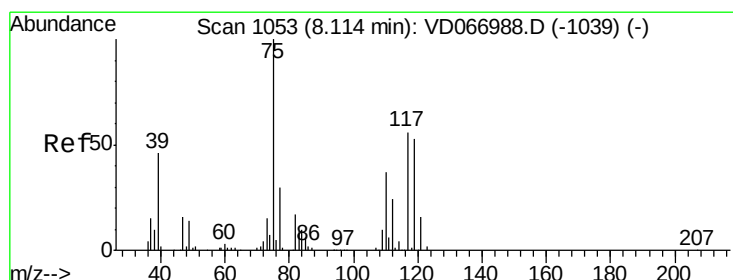
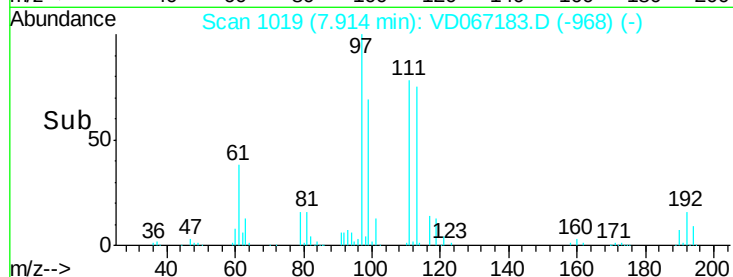
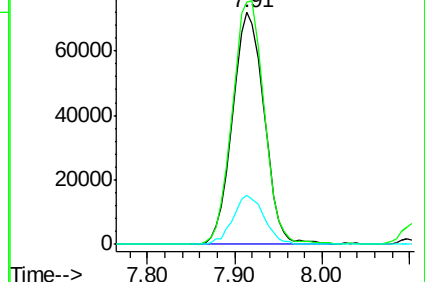
192 20.7 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.961 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

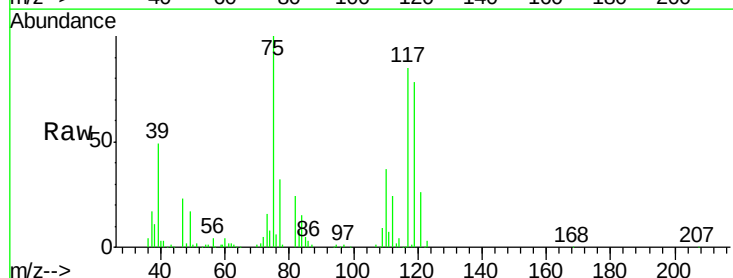
Tgt Ion: 75 Resp: 241560

Ion Ratio Lower Upper

75 100

110 38.7 18.4 55.0

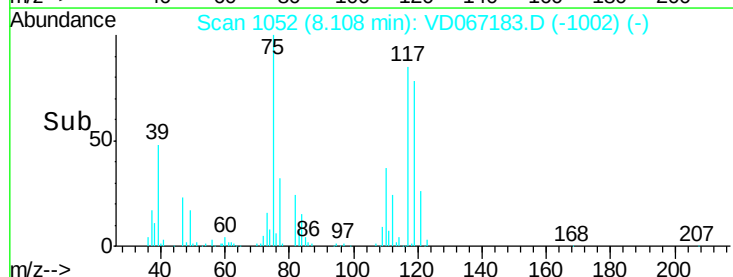
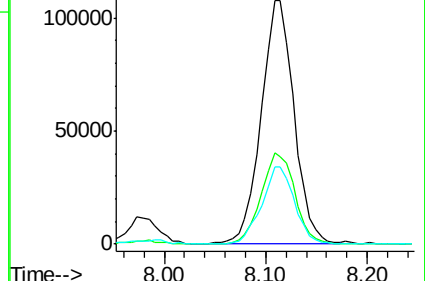
77 32.1 24.8 37.2

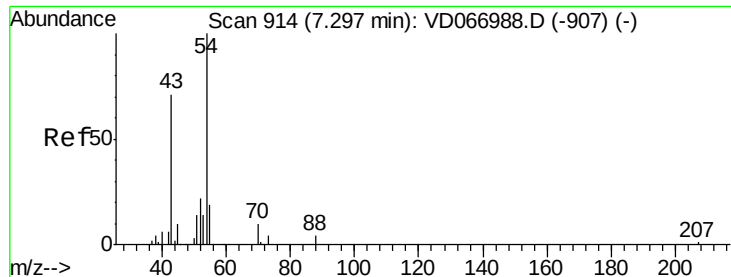


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

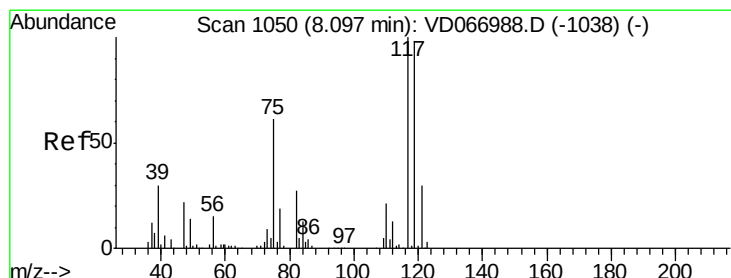
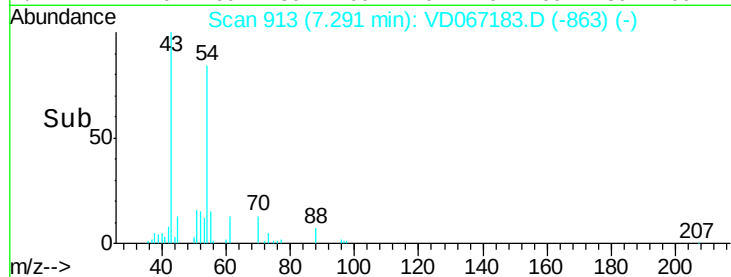
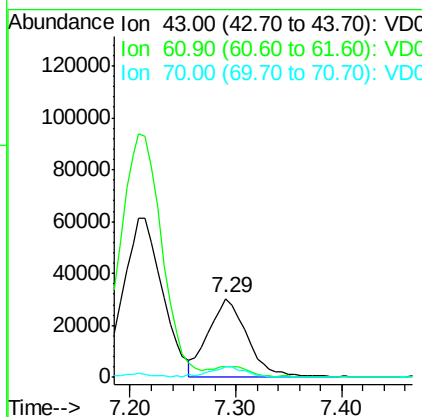
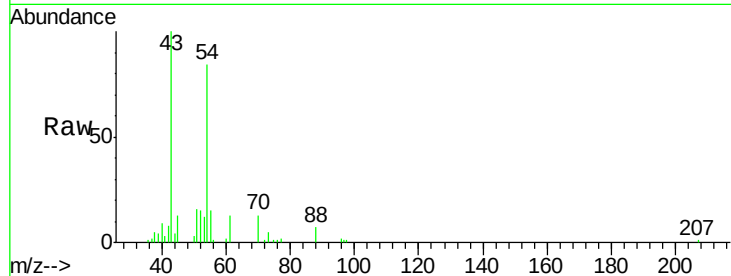




#37
Ethyl Acetate
 Concen: 44.223 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

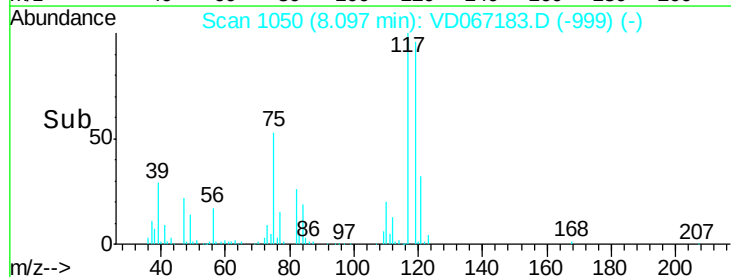
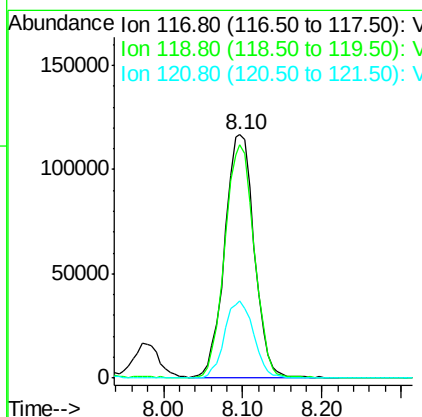
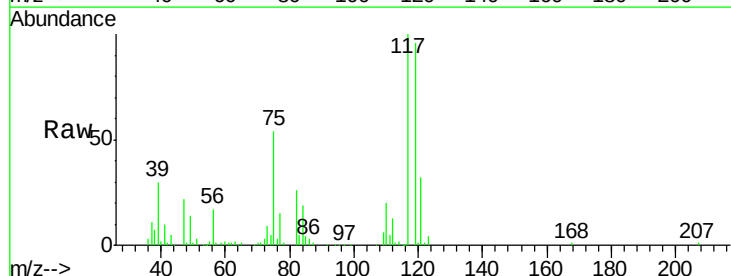
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

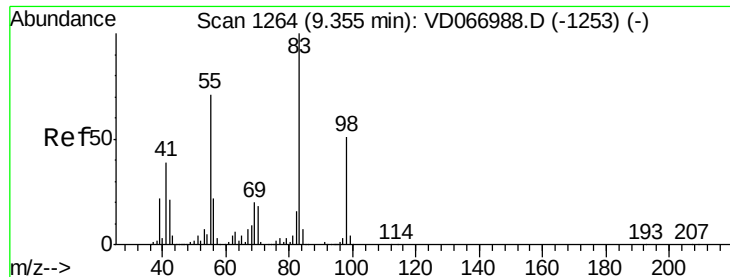
Tgt Ion: 43 Resp: 77161
 Ion Ratio Lower Upper
 43 100
 61 11.6 12.5 18.7#
 70 13.0 9.4 14.0



#38
Carbon Tetrachloride
 Concen: 55.540 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 117 Resp: 302670
 Ion Ratio Lower Upper
 117 100
 119 95.8 78.7 118.1
 121 31.5 24.2 36.2

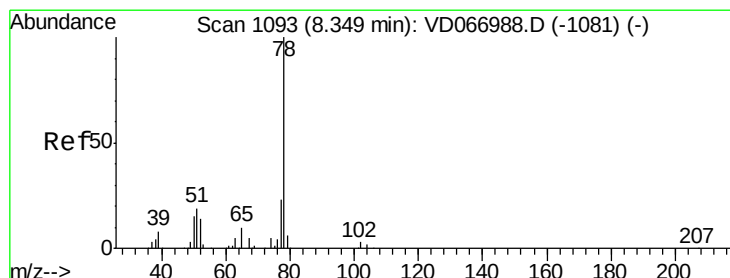
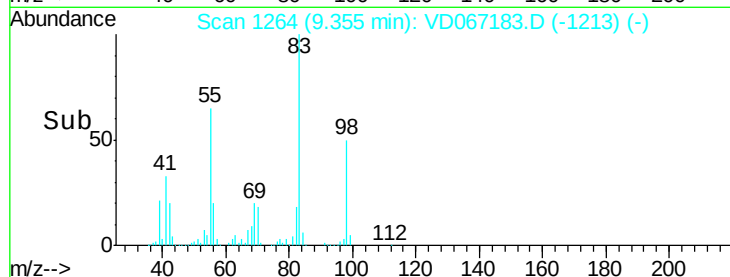
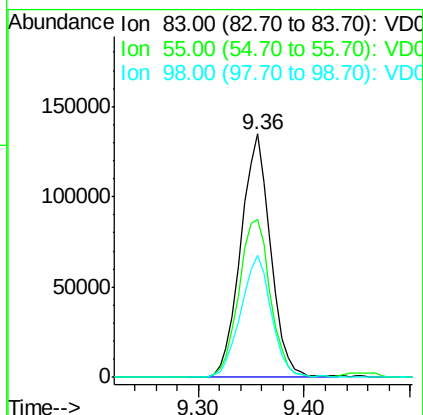
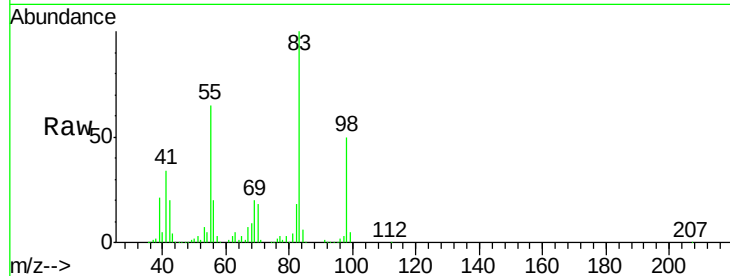




#39
Methylcyclohexane
Concen: 49.616 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

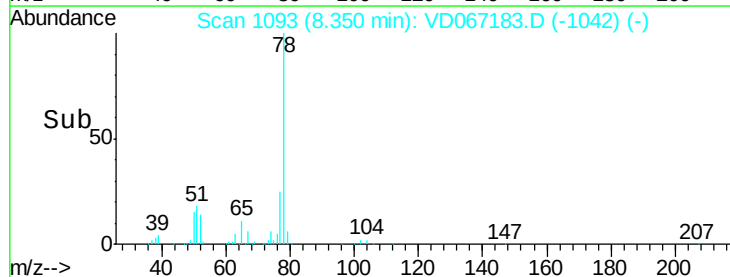
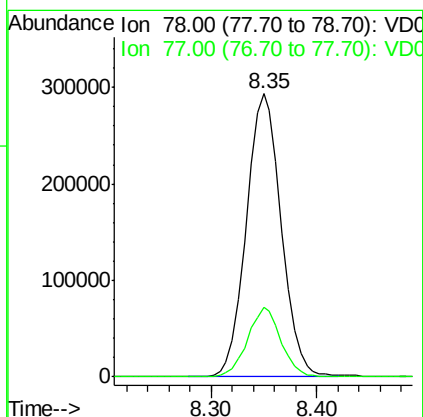
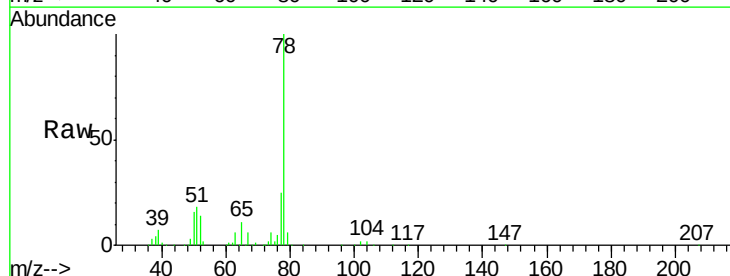
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

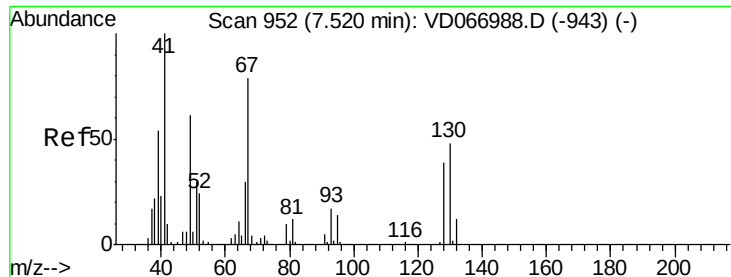
Tgt Ion: 83 Resp: 264204
Ion Ratio Lower Upper
83 100
55 65.0 57.1 85.7
98 50.1 40.9 61.3



#40
Benzene
Concen: 48.152 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 78 Resp: 673621
Ion Ratio Lower Upper
78 100
77 24.6 18.4 27.6

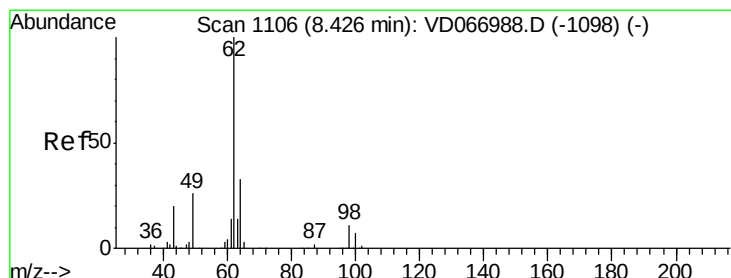
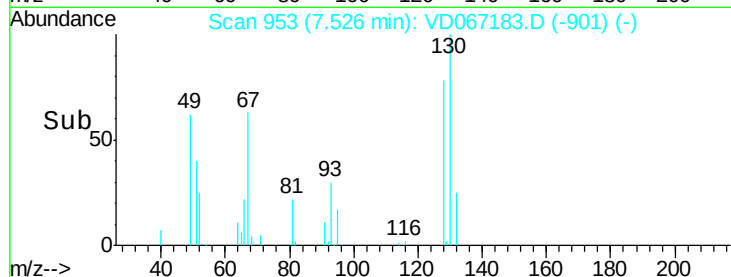
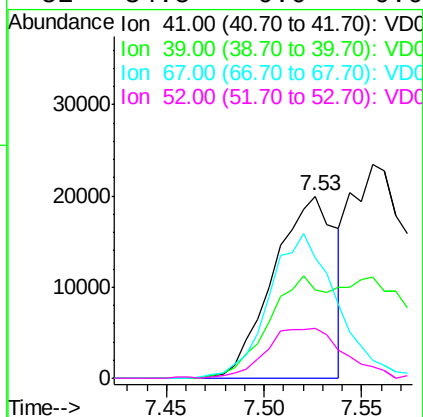
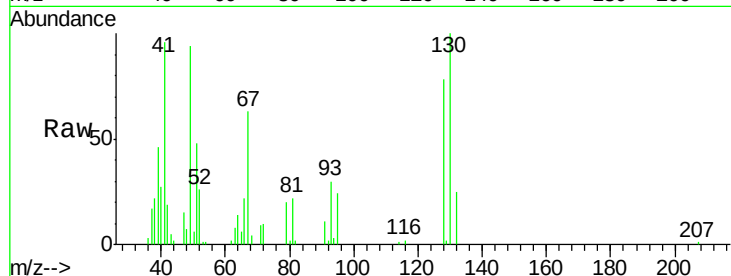




#41
Methacrylonitrile
Concen: 46.962 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

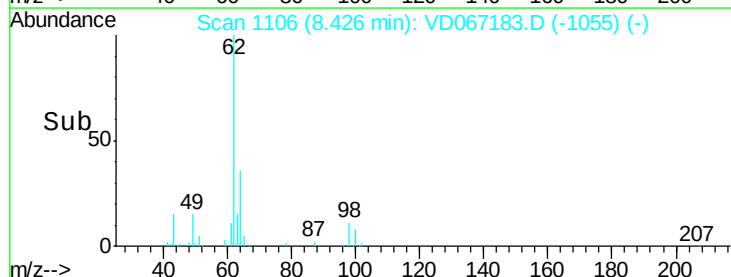
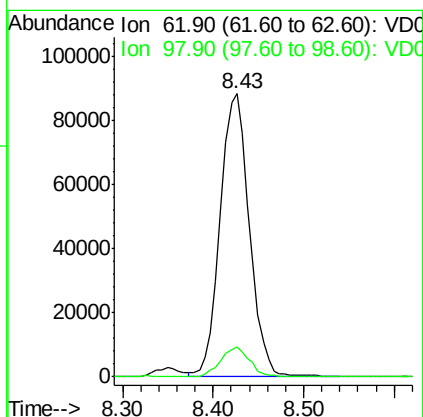
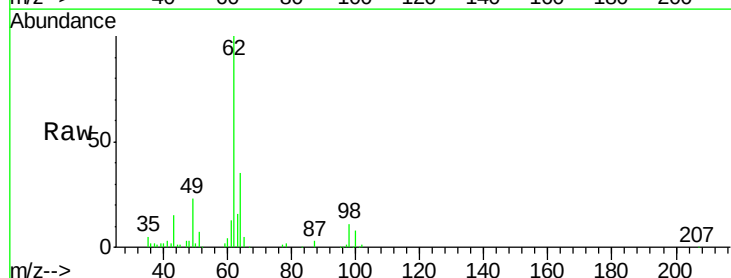
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

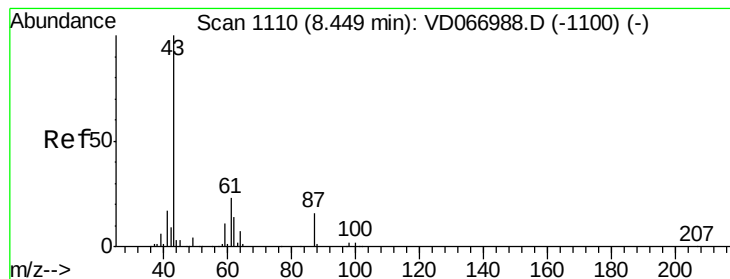
Tgt Ion: 41 Resp: 44268
Ion Ratio Lower Upper
41 100
39 50.6 0.0 0.0#
67 86.3 0.0 0.0#
52 34.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.613 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 62 Resp: 197852
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.6





#43

Isopropyl Acetate

Concen: 45.630 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

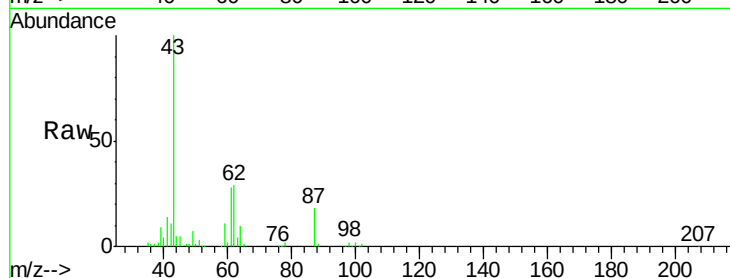
Tgt Ion: 43 Resp: 146670

Ion Ratio Lower Upper

43 100

61 36.7 27.1 40.7

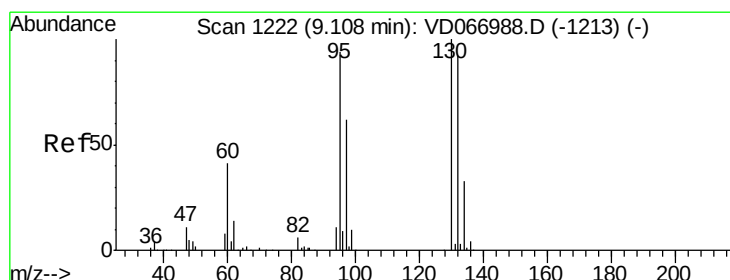
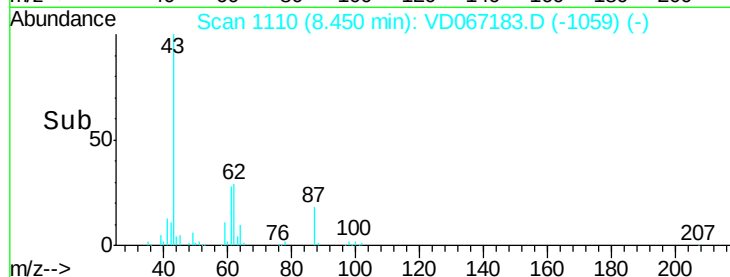
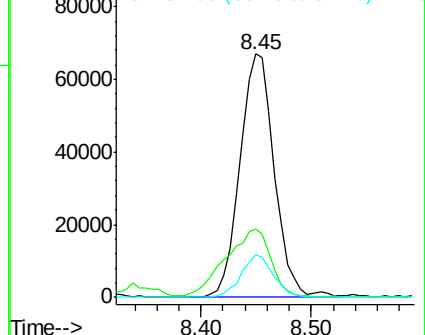
87 16.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.721 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067183.D

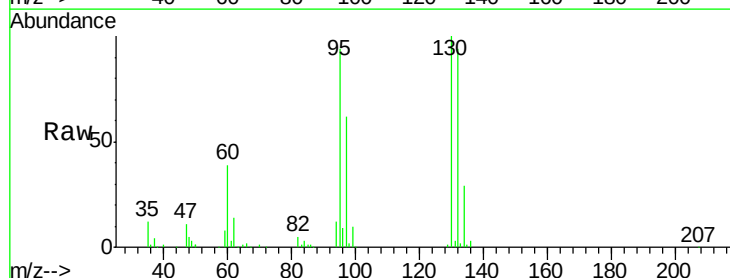
Acq: 08 Oct 2020 09:56

Tgt Ion: 130 Resp: 211883

Ion Ratio Lower Upper

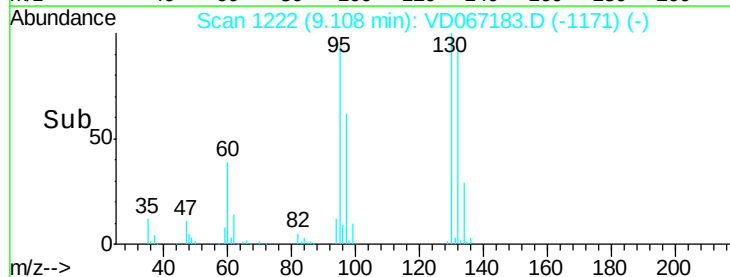
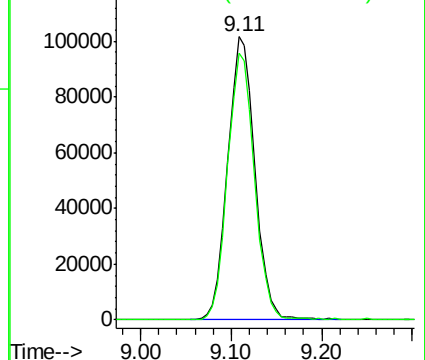
130 100

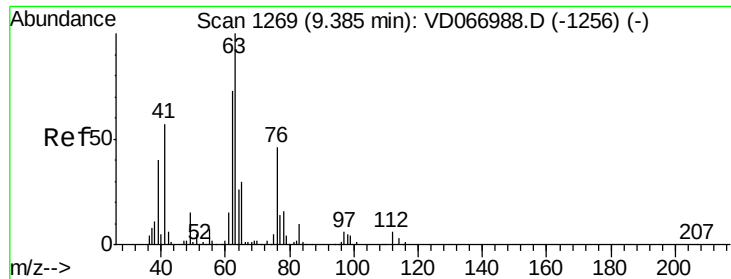
95 94.2 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

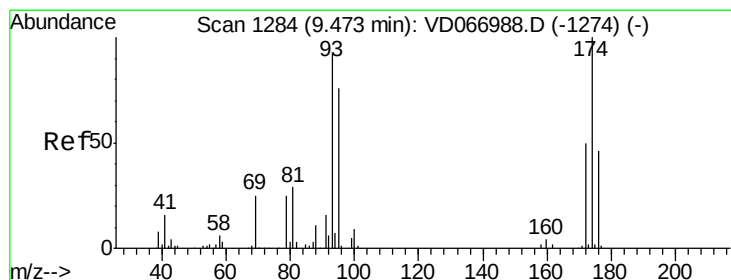
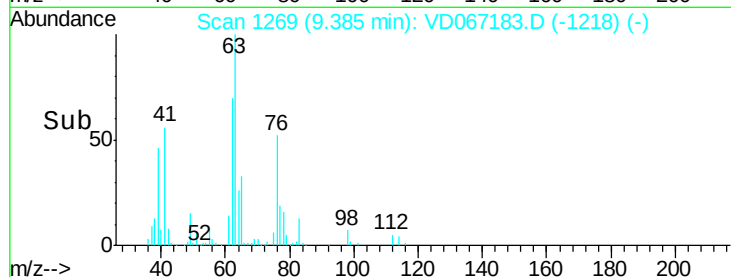
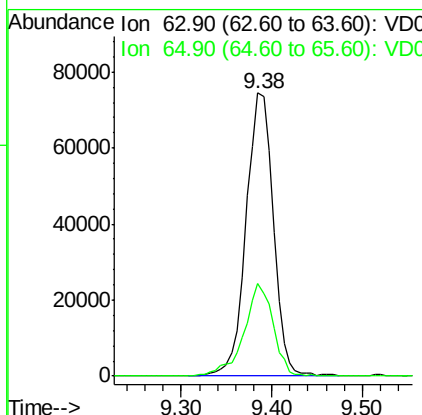
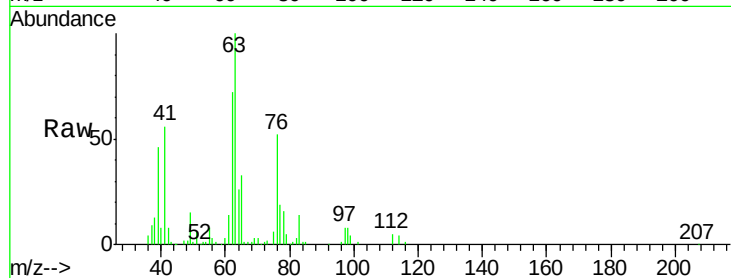




#45
 1,2-Dichloropropane
 Concen: 47.327 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

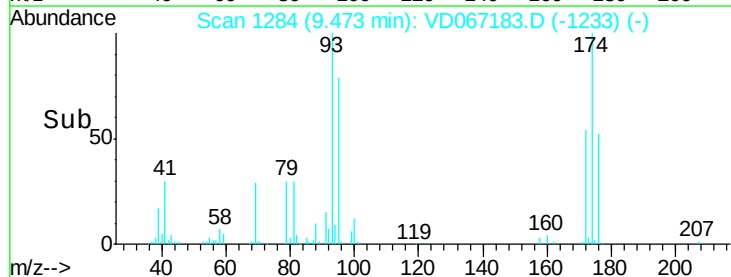
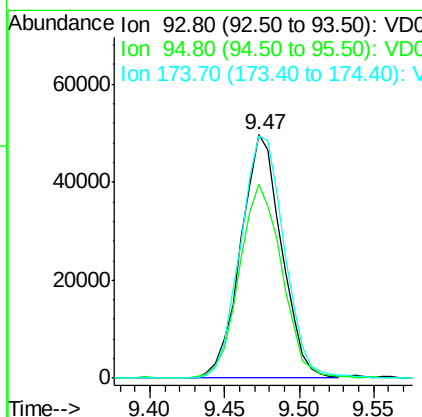
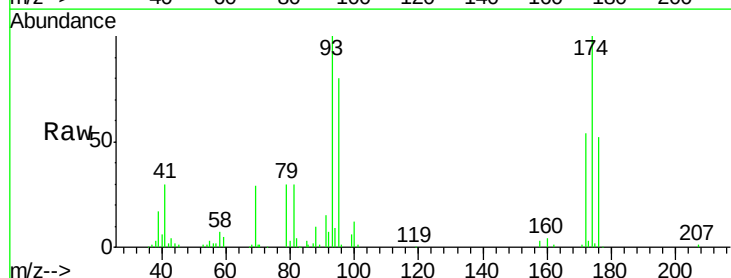
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

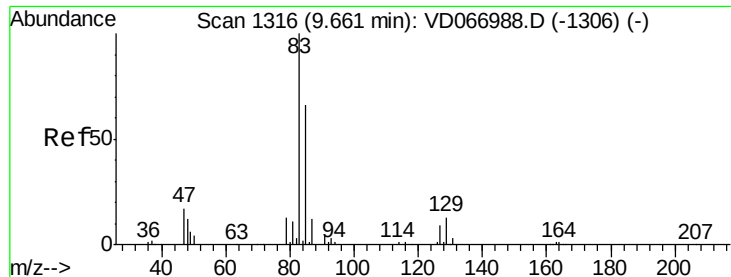
Tgt Ion: 63 Resp: 155566
 Ion Ratio Lower Upper
 63 100
 65 32.7 23.7 35.5



#46
 Dibromomethane
 Concen: 49.792 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 93 Resp: 94068
 Ion Ratio Lower Upper
 93 100
 95 83.0 64.7 97.1
 174 106.6 81.4 122.2





#47

Bromodichloromethane

Concen: 52.110 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

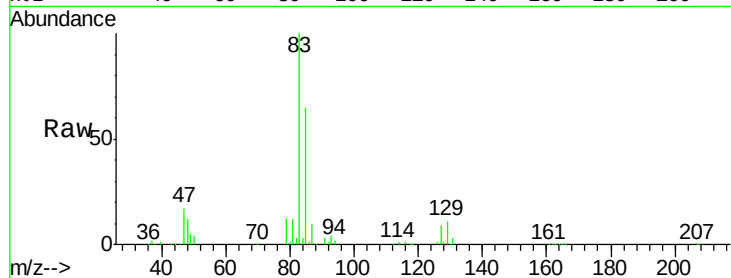
Tgt Ion: 83 Resp: 255907

Ion Ratio Lower Upper

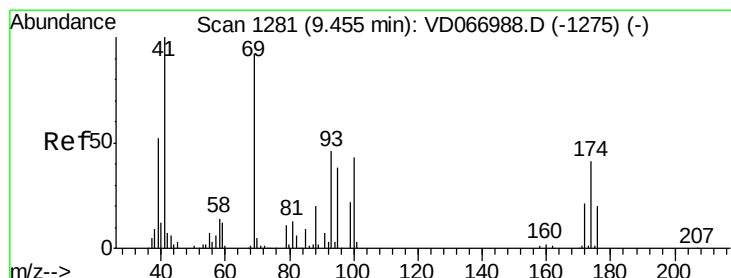
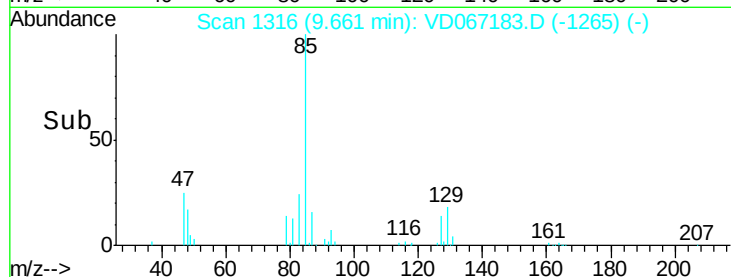
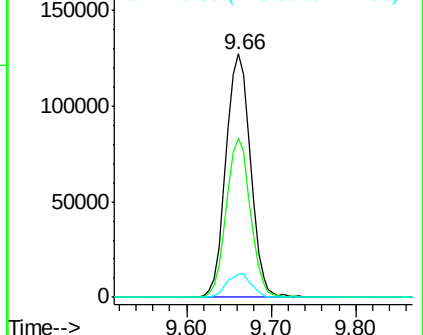
83 100

85 65.2 52.9 79.3

127 9.4 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 42.312 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

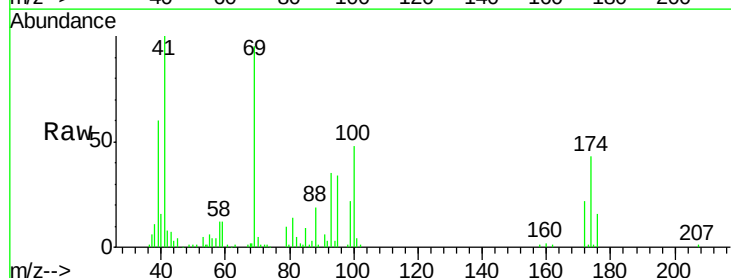
Tgt Ion: 41 Resp: 69678

Ion Ratio Lower Upper

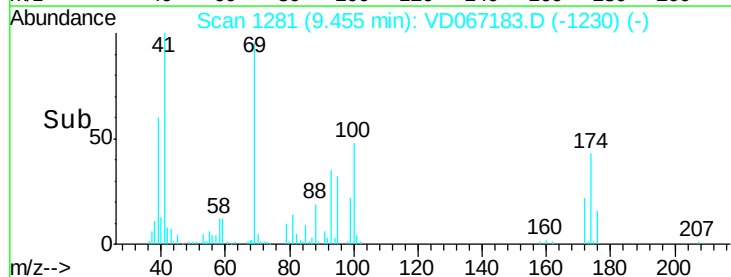
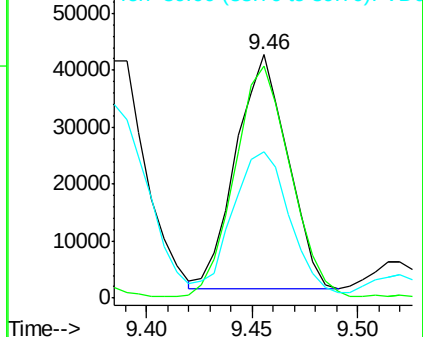
41 100

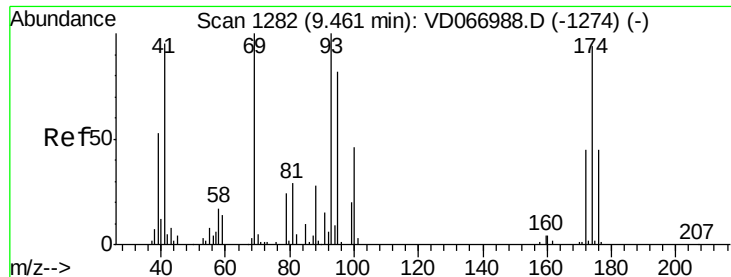
69 105.9 68.5 102.7#

39 65.2 40.2 60.2#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 985.376 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

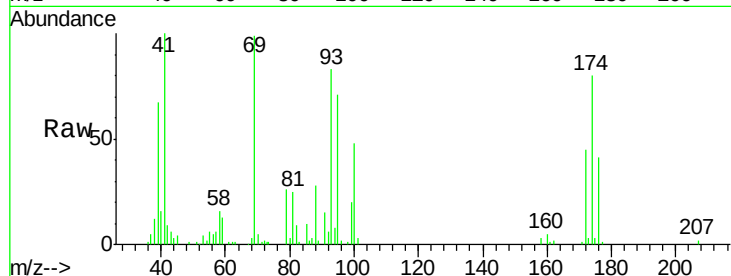
Tgt Ion: 88 Resp: 19429

Ion Ratio Lower Upper

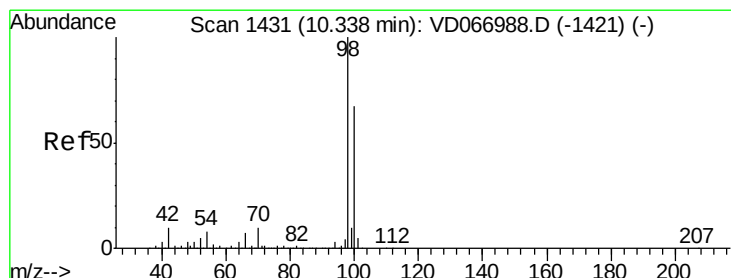
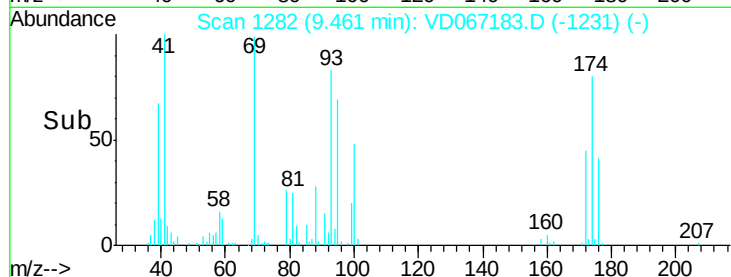
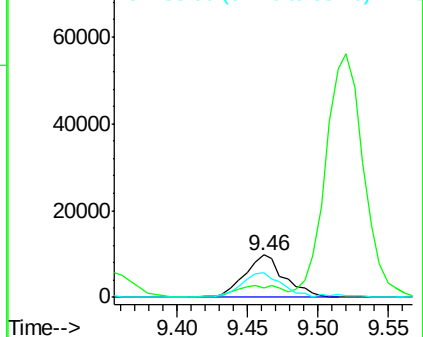
88 100

43 32.0 25.6 38.4

58 57.6 53.5 80.3



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 50.763 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067183.D

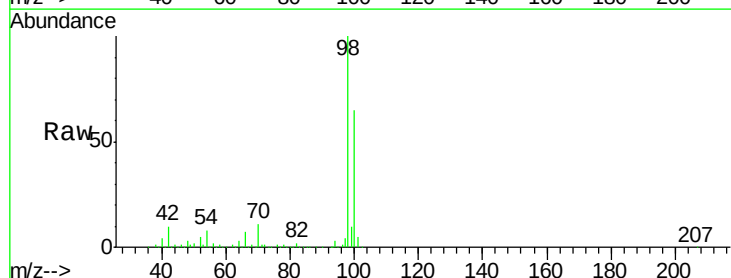
Acq: 08 Oct 2020 09:56

Tgt Ion: 98 Resp: 654353

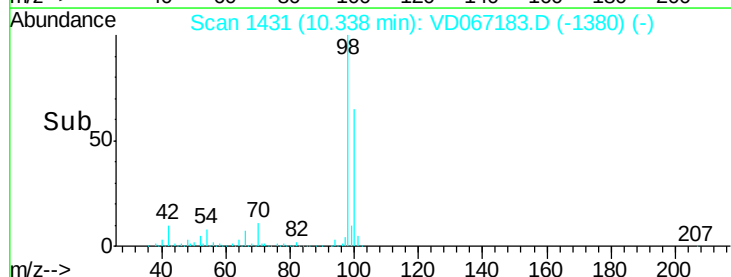
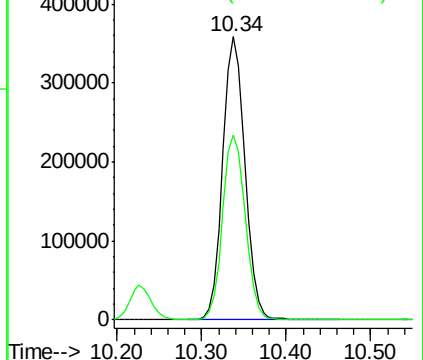
Ion Ratio Lower Upper

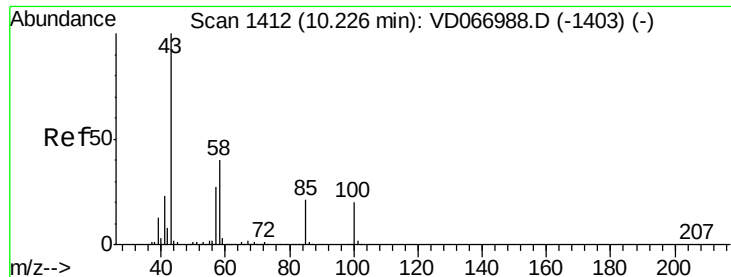
98 100

100 66.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

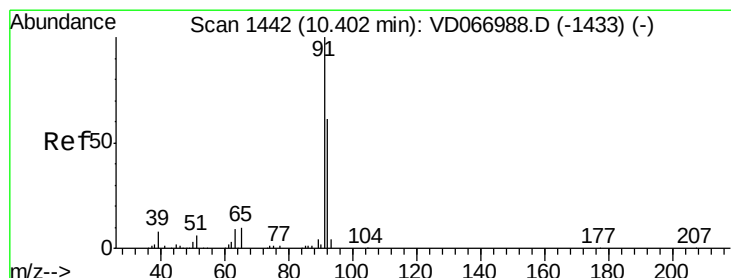
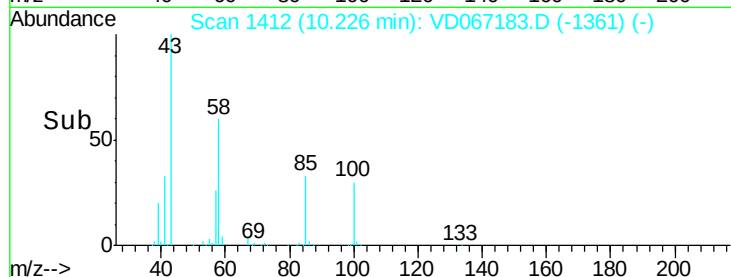
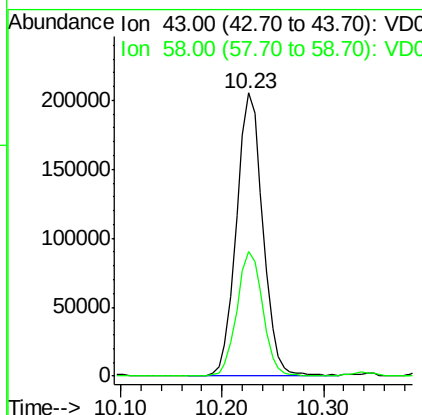
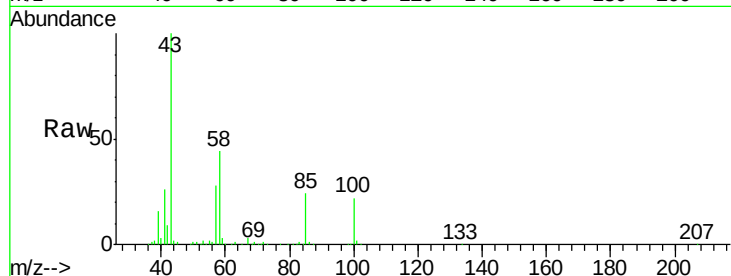




#51
 4-Methyl-2-Pentanone
 Concen: 232.607 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

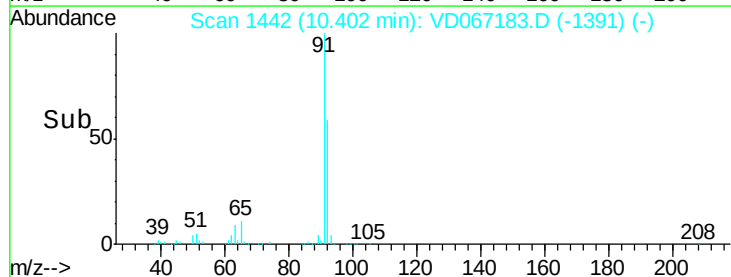
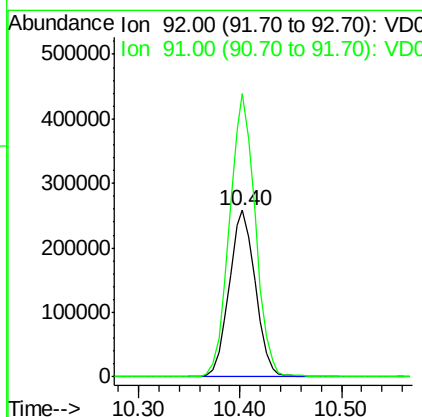
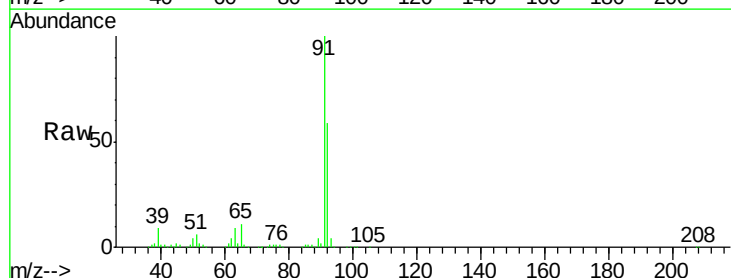
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

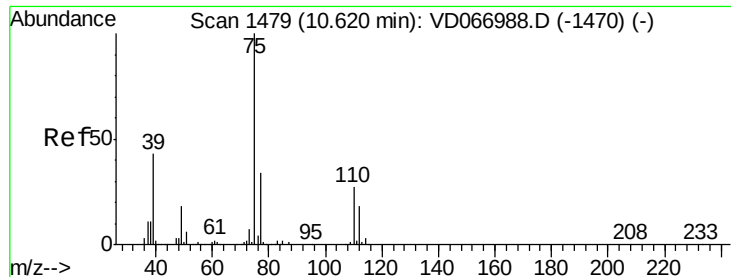
Tgt Ion: 43 Resp: 372418
 Ion Ratio Lower Upper
 43 100
 58 43.2 33.8 50.8



#52
 Toluene
 Concen: 51.365 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 92 Resp: 462885
 Ion Ratio Lower Upper
 92 100
 91 167.1 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 51.651 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

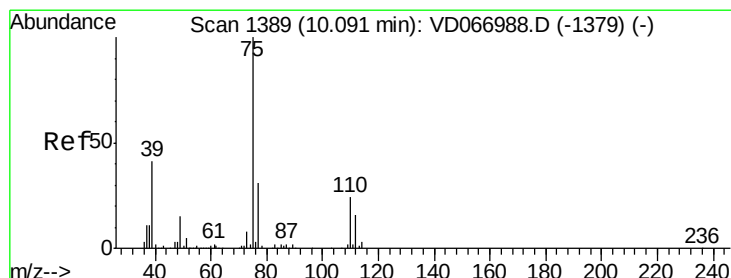
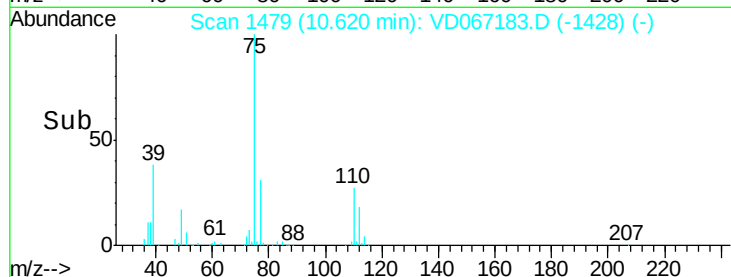
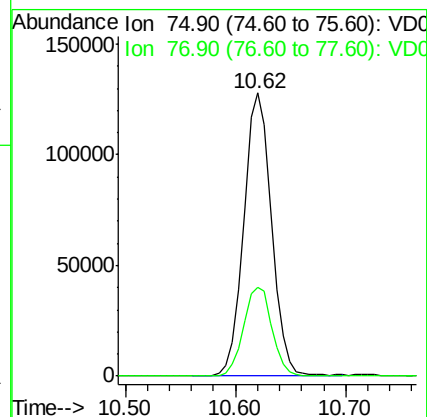
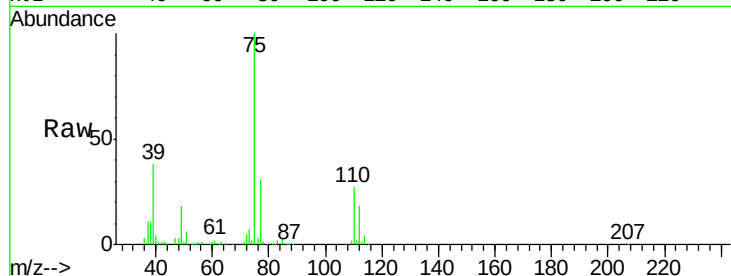
VSTDCCC050

Tgt Ion: 75 Resp: 226700

Ion Ratio Lower Upper

75 100

77 31.4 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 49.607 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

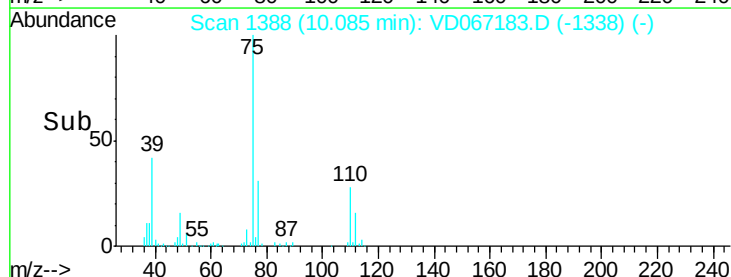
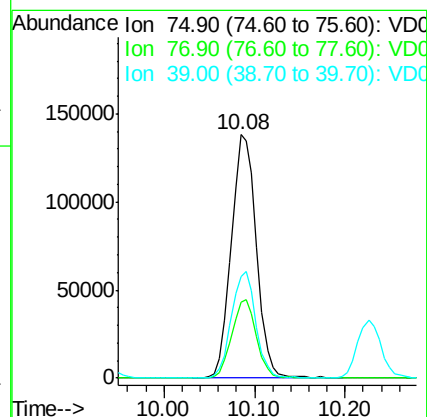
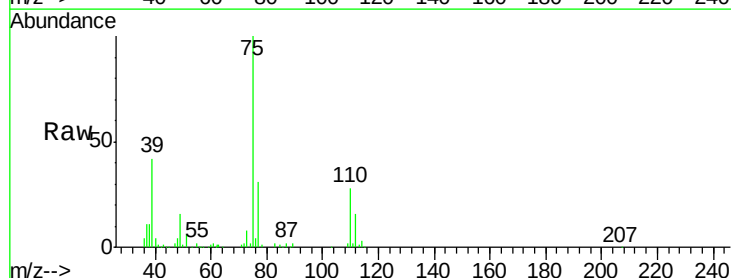
Tgt Ion: 75 Resp: 265868

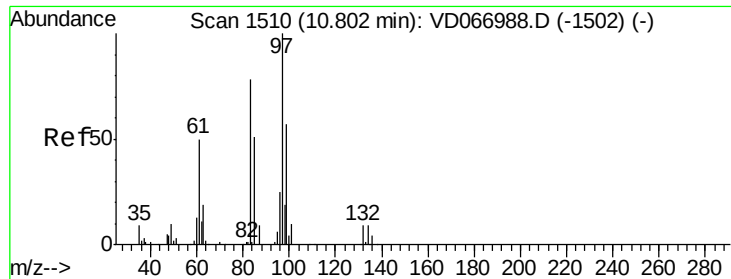
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 41.4 33.0 49.4

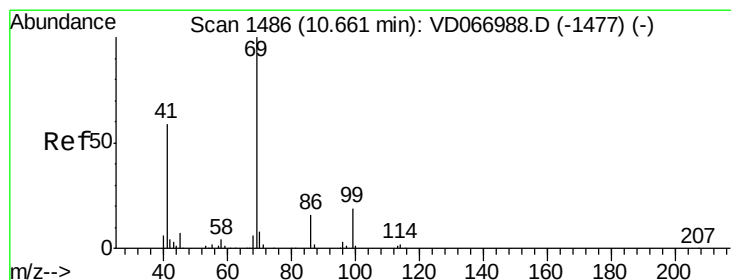
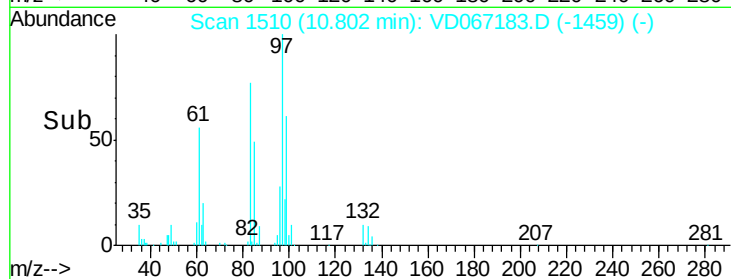
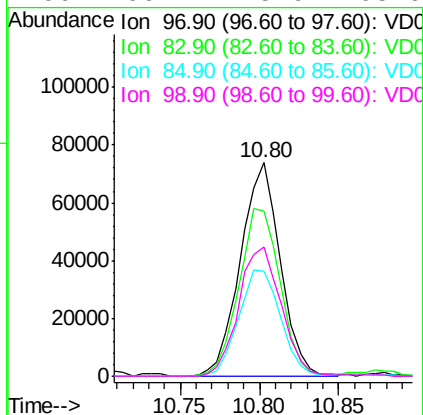
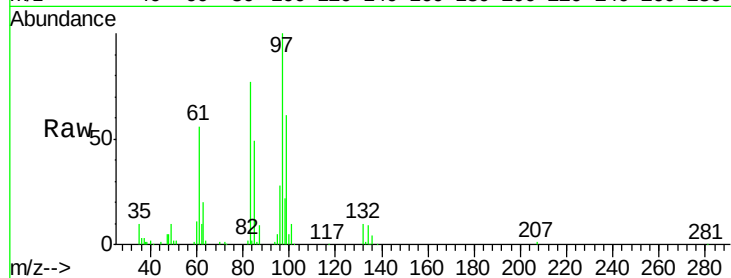




#55
 1,1,2-Trichloroethane
 Concen: 49.263 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

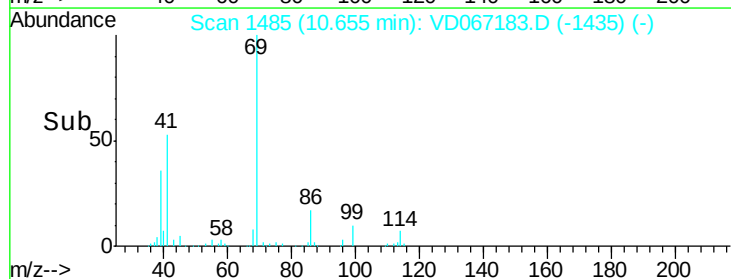
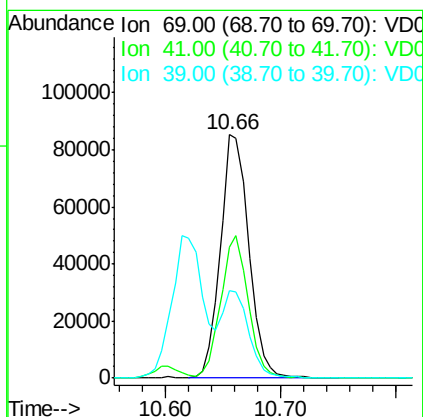
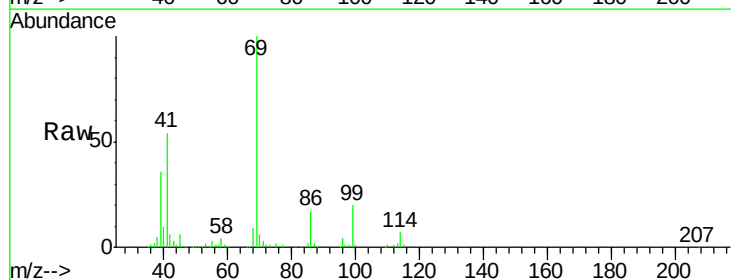
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

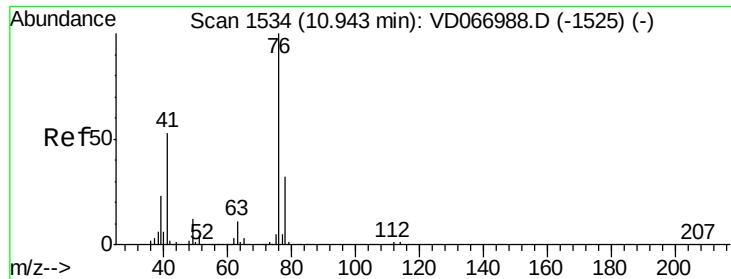
Tgt Ion:	97	Resp:	129392
Ion	Ratio	Lower	Upper
97	100		
83	77.3	62.4	93.6
85	49.2	41.0	61.4
99	60.7	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 53.930 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion:	69	Resp:	146245
Ion	Ratio	Lower	Upper
69	100		
41	55.8	46.4	69.6
39	32.6	23.8	35.6

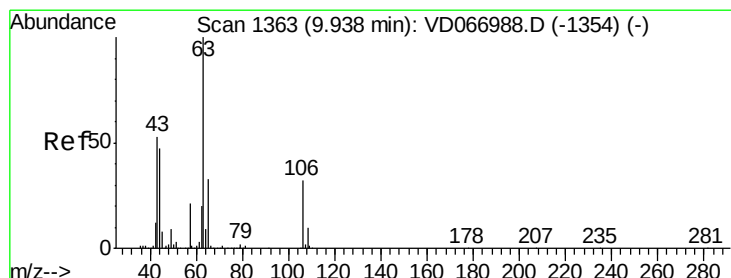
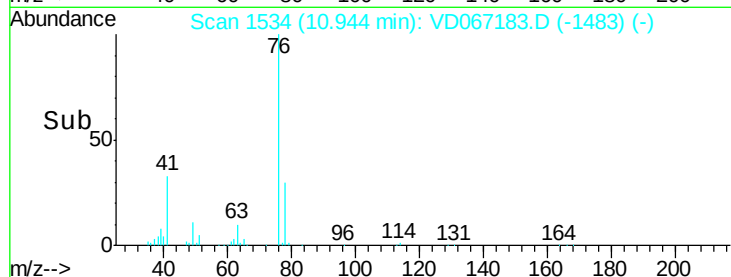
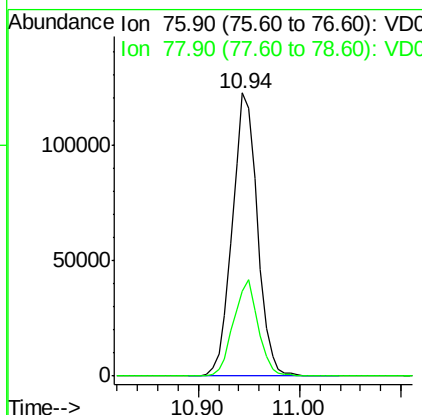
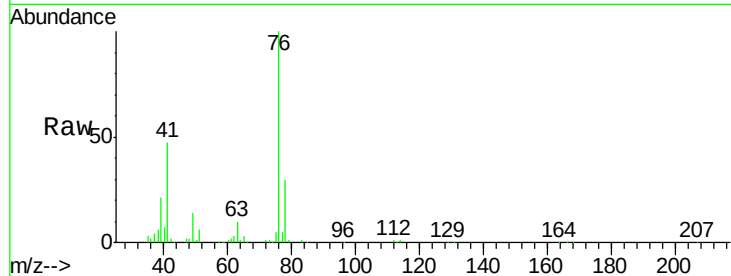




#57
 1,3-Dichloropropane
 Concen: 49.363 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

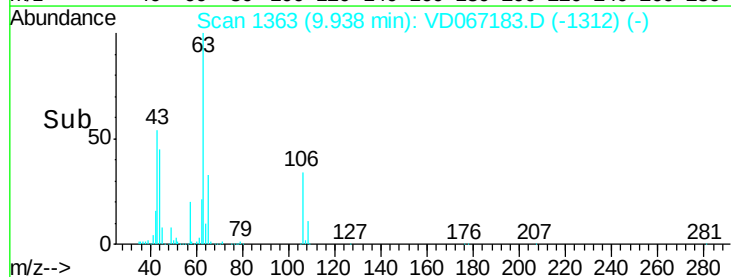
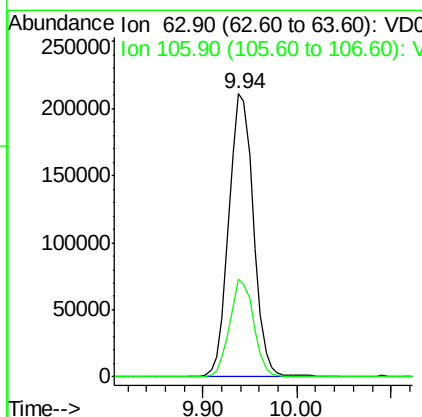
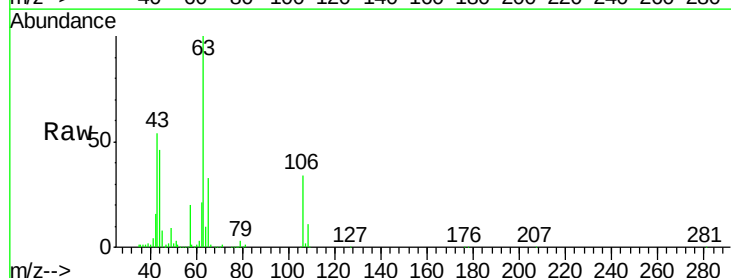
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

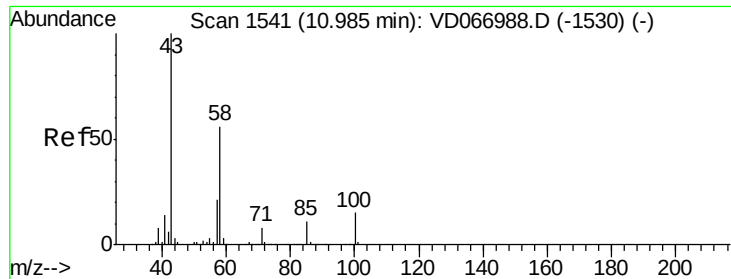
Tgt Ion: 76 Resp: 210251
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.995 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 63 Resp: 384872
 Ion Ratio Lower Upper
 63 100
 106 33.8 25.3 37.9

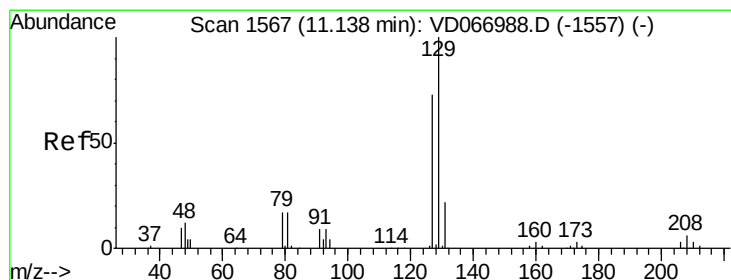
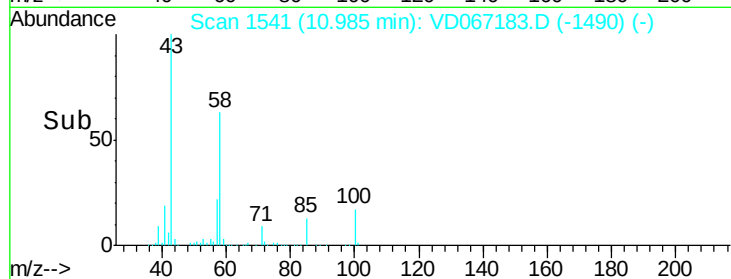
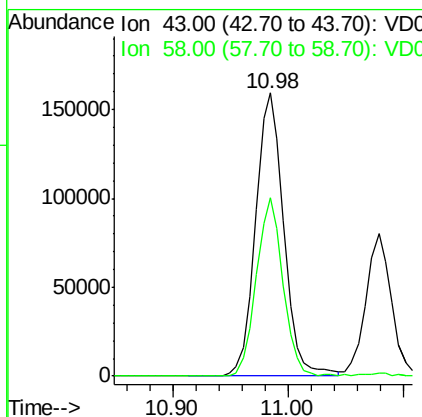
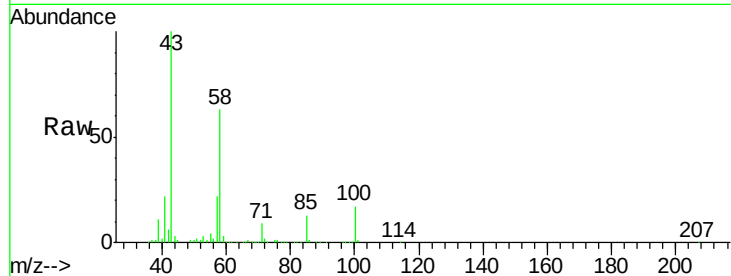




#59
2-Hexanone
Concen: 253.698 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

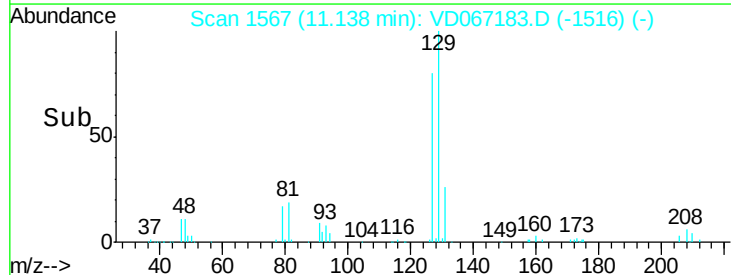
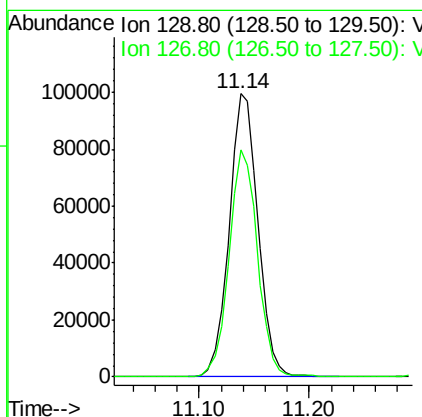
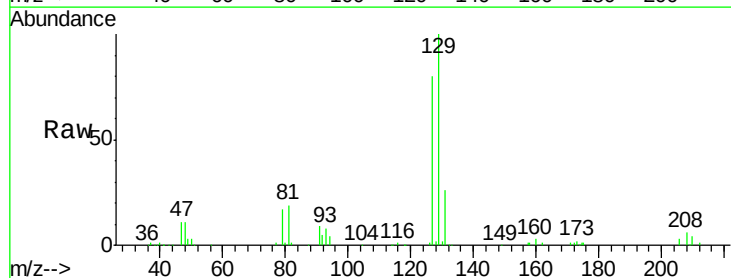
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

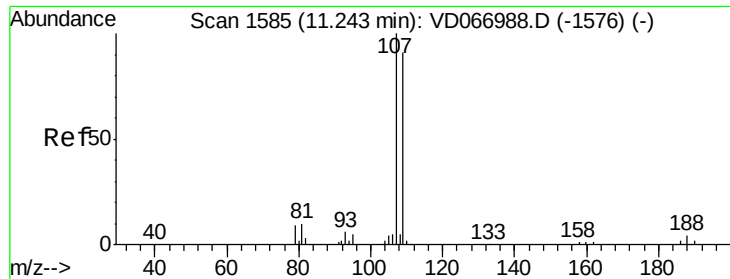
Tgt Ion: 43 Resp: 271106
Ion Ratio Lower Upper
43 100
58 59.9 28.3 84.9



#60
Dibromochloromethane
Concen: 51.933 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 129 Resp: 181807
Ion Ratio Lower Upper
129 100
127 79.3 37.4 112.1

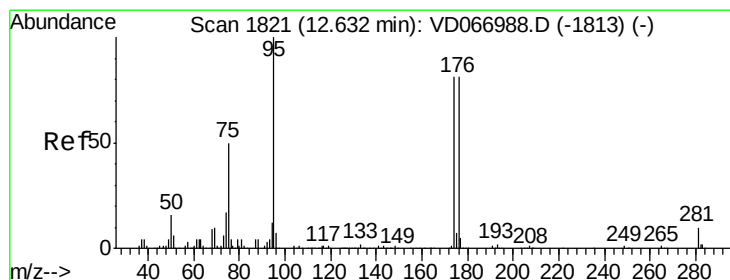
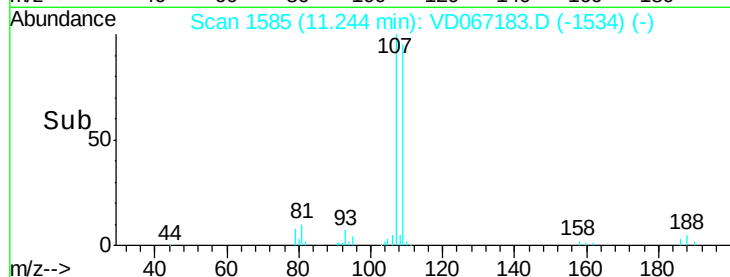
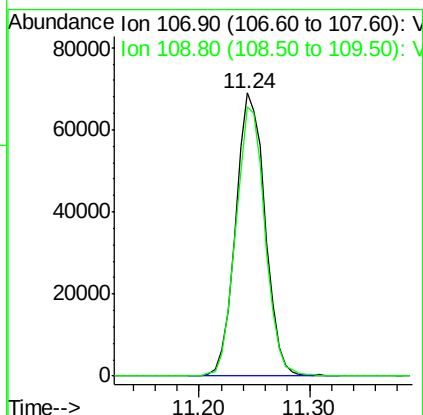
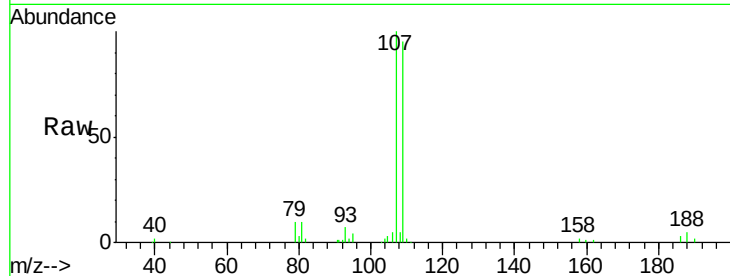




#61
 1,2-Dibromoethane
 Concen: 51.146 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

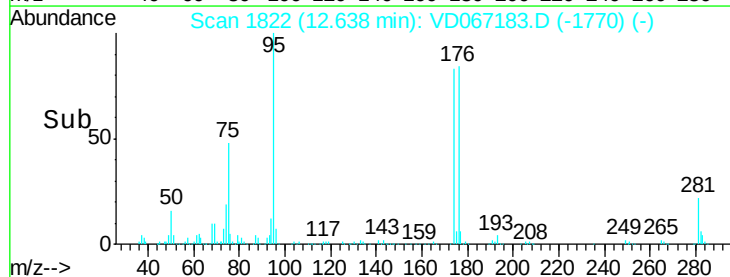
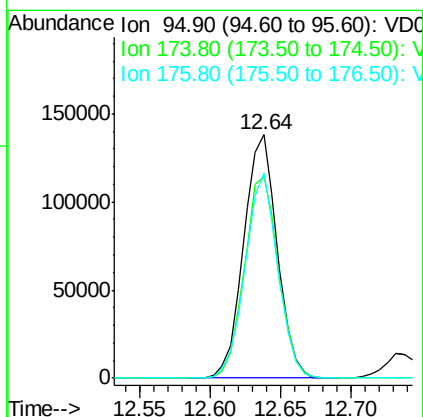
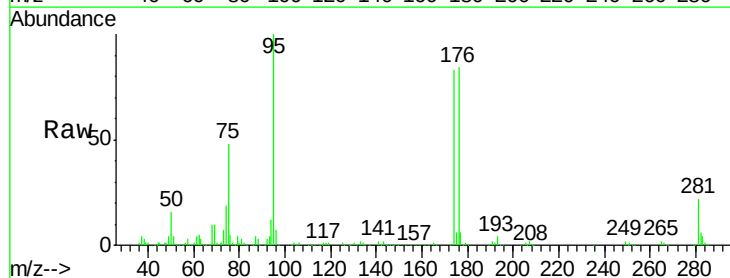
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

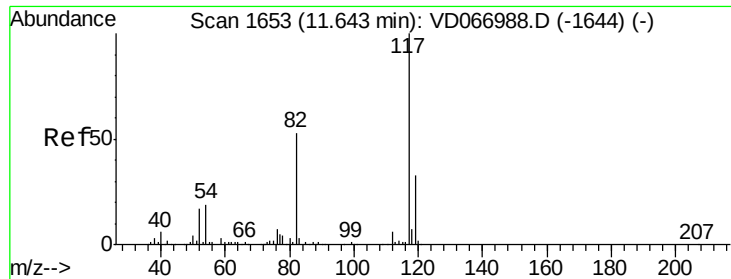
Tgt Ion: 107 Resp: 129063
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 52.362 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 95 Resp: 229136
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 167.6
 176 82.2 0.0 162.4

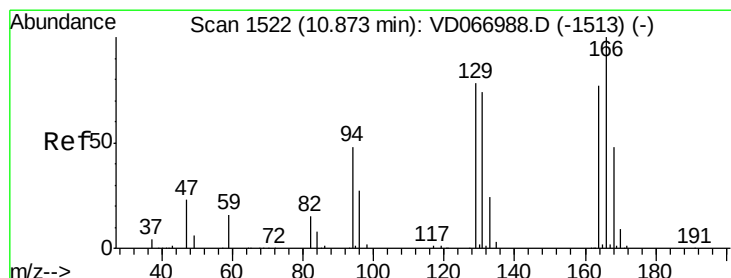
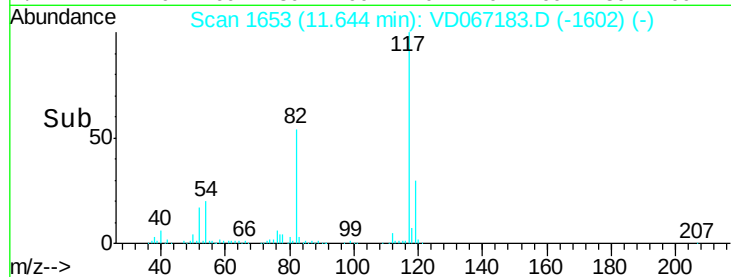
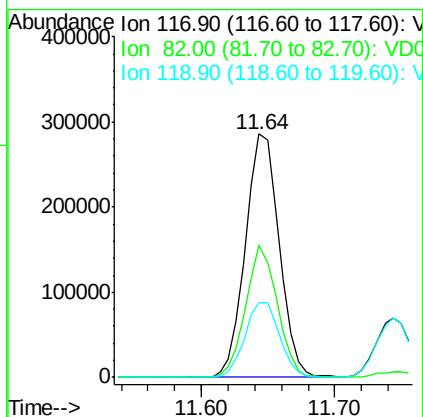
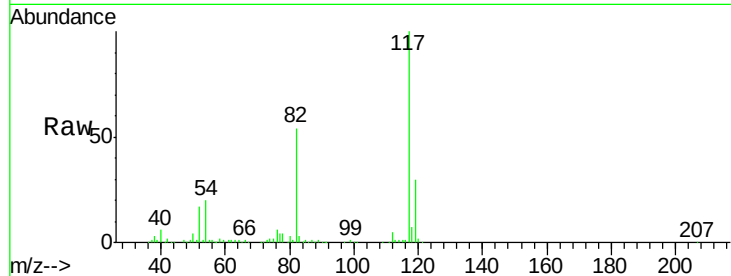




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

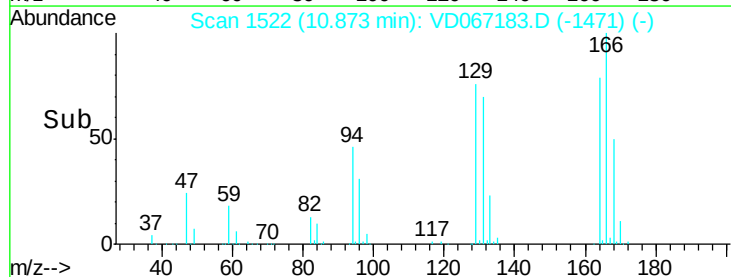
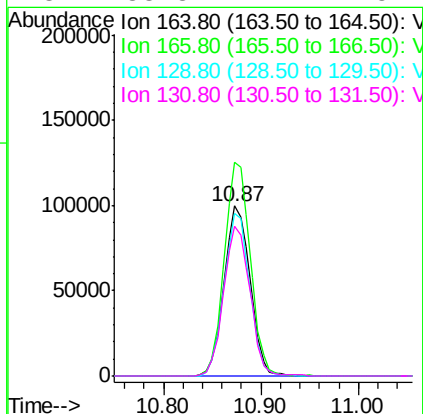
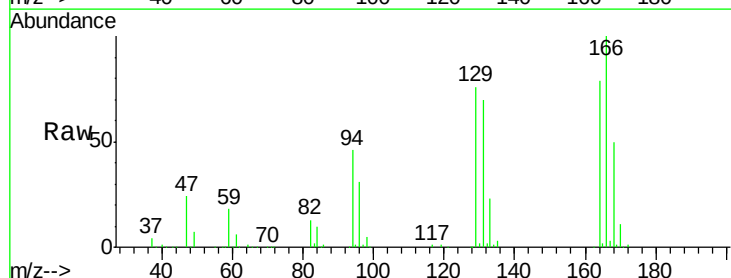
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

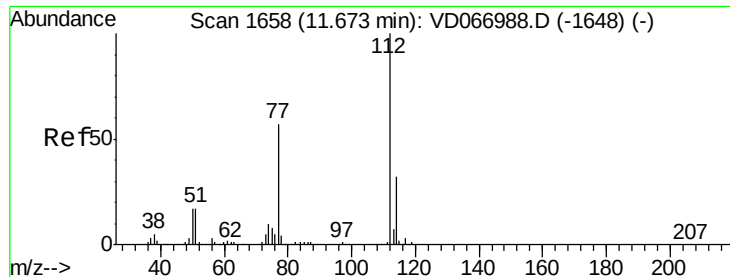
Tgt Ion:117 Resp: 498701
Ion Ratio Lower Upper
117 100
82 54.4 42.6 63.8
119 30.4 26.3 39.5



#64
Tetrachloroethene
Concen: 50.730 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion:164 Resp: 183923
Ion Ratio Lower Upper
164 100
166 125.9 104.4 156.6
129 96.2 81.3 121.9
131 88.3 77.1 115.7

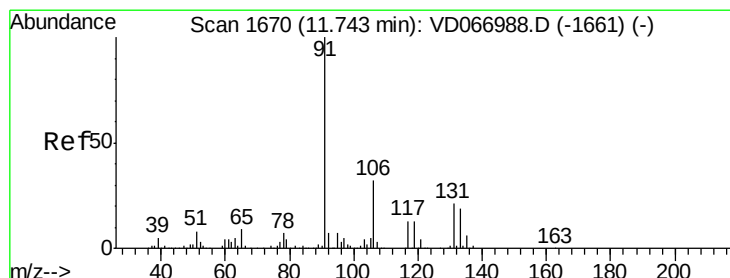
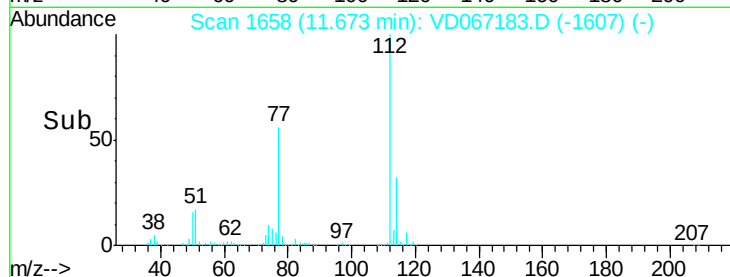
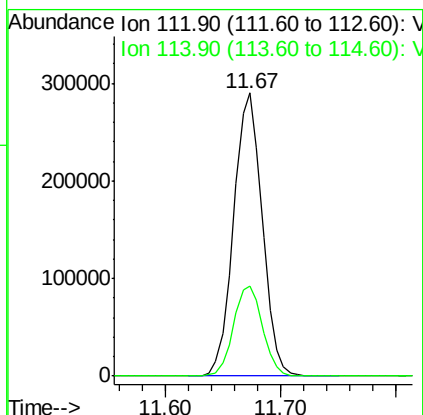
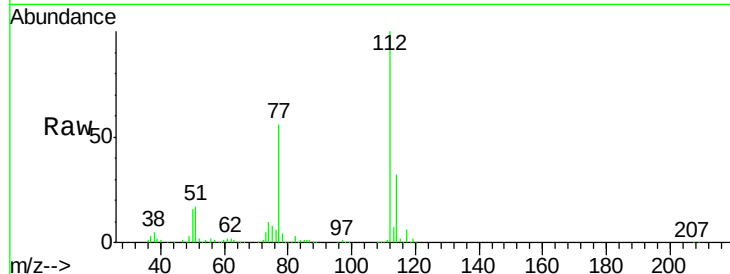




#65
Chlorobenzene
Concen: 50.147 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

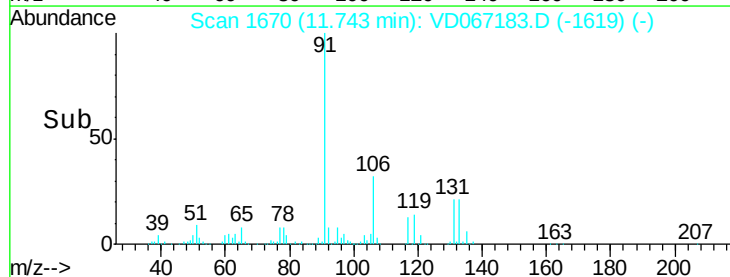
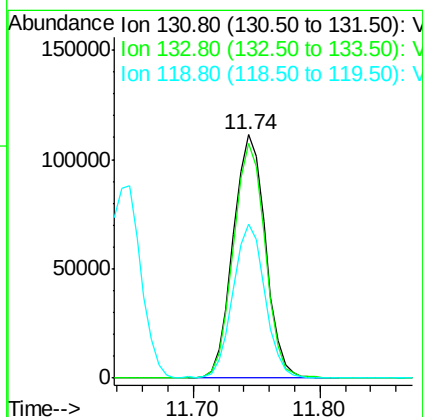
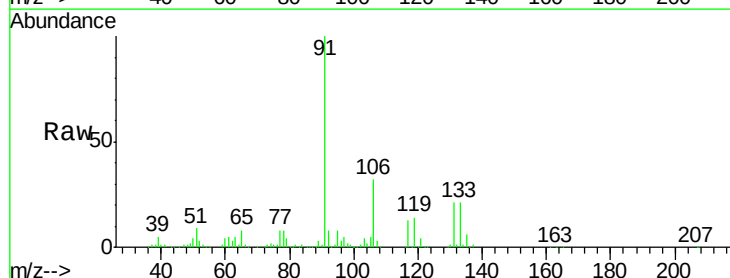
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

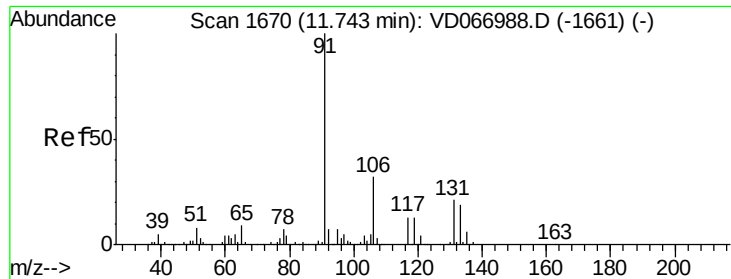
Tgt Ion:112 Resp: 497386
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.211 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion:131 Resp: 196986
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.3
119 62.3 32.3 96.8

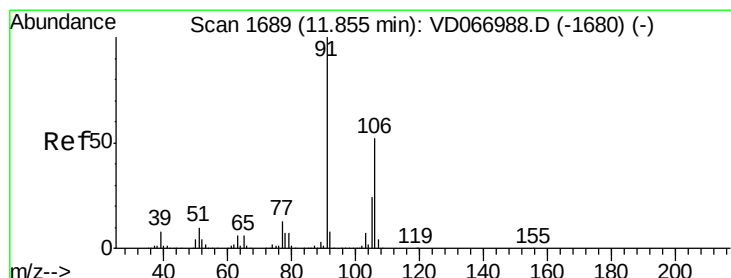
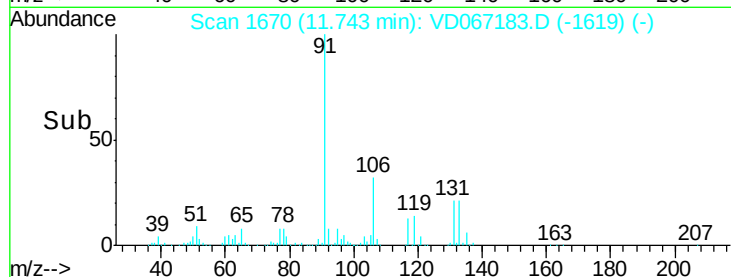
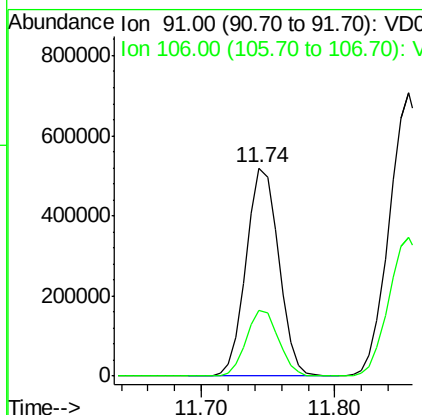
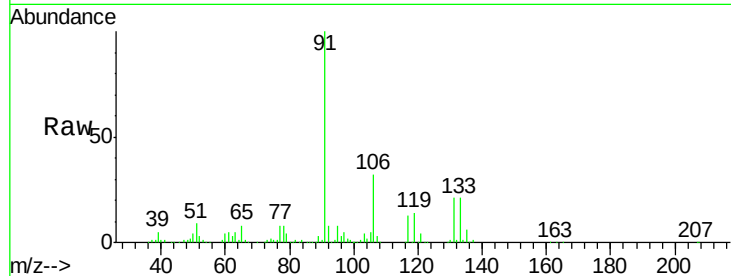




#67
Ethyl Benzene
Concen: 51.667 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

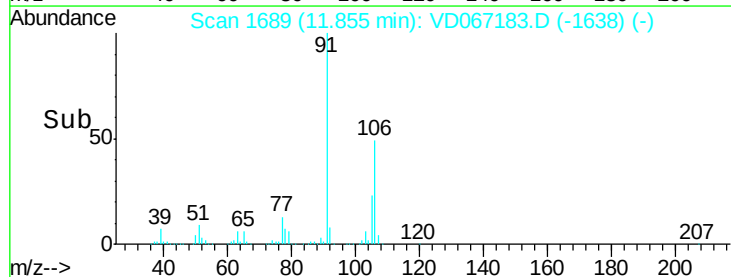
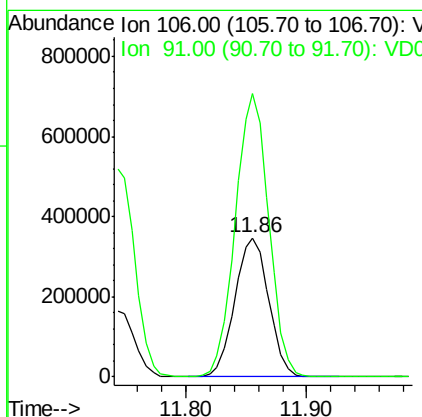
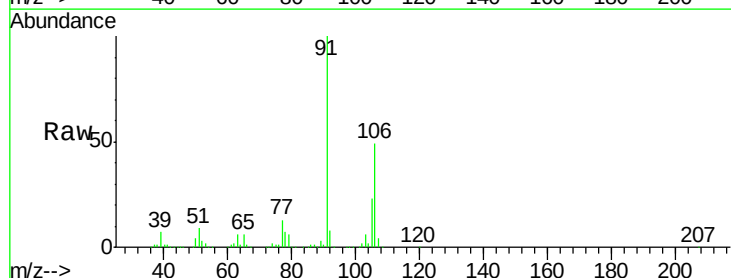
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

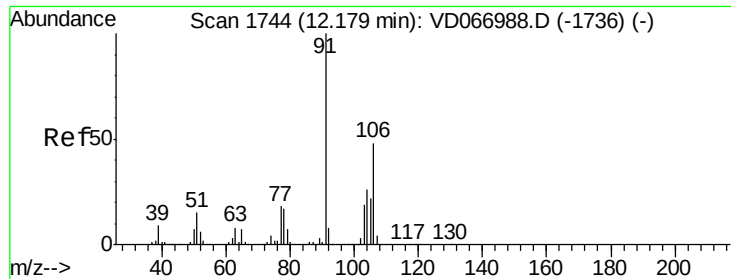
Tgt Ion: 91 Resp: 878055
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 101.993 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 106 Resp: 675497
Ion Ratio Lower Upper
106 100
91 201.1 158.4 237.6

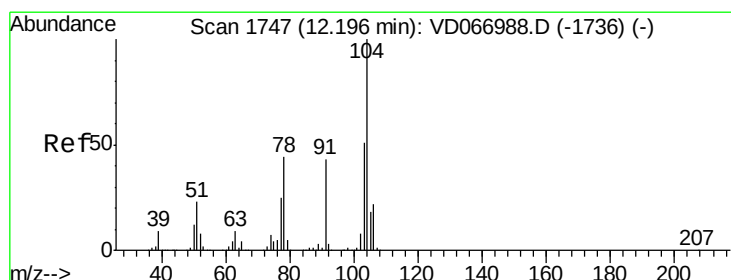
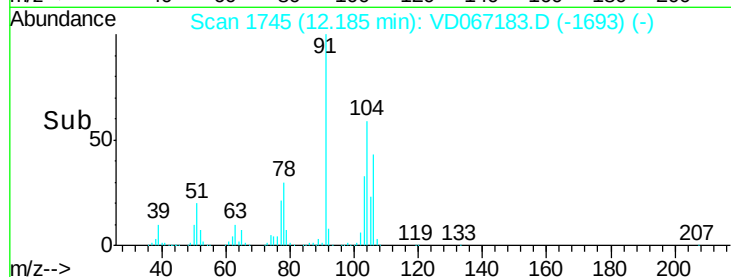
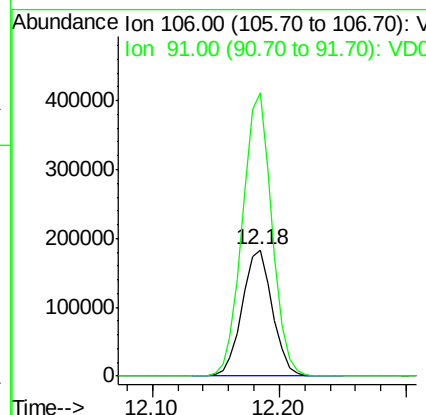
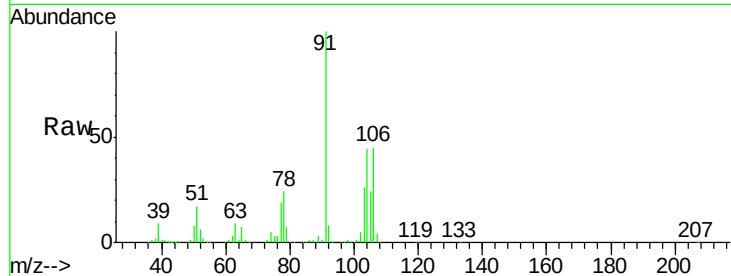




#69
o-Xylene
Concen: 51.173 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

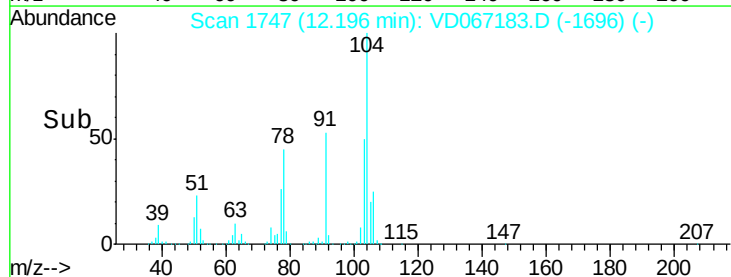
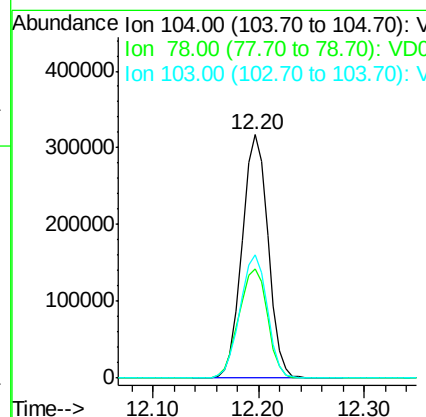
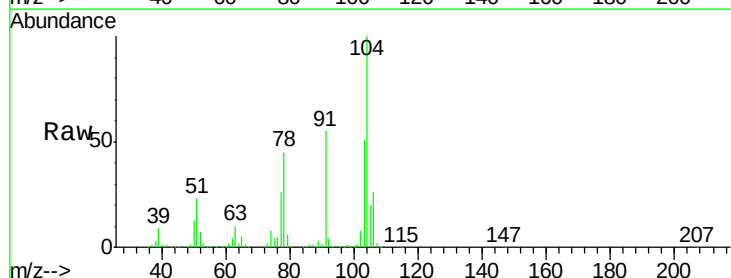
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

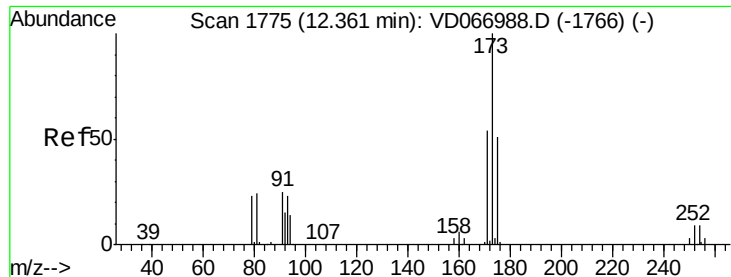
Tgt Ion:106 Resp: 303077
Ion Ratio Lower Upper
106 100
91 217.7 102.4 307.2



#70
Styrene
Concen: 52.935 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion:104 Resp: 538346
Ion Ratio Lower Upper
104 100
78 49.5 38.6 58.0
103 53.3 43.4 65.0





#71

Bromoform

Concen: 51.881 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

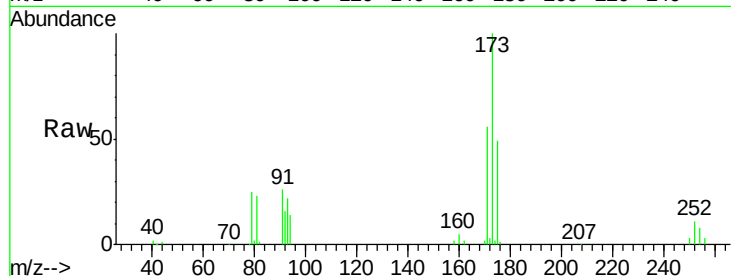
Tgt Ion:173 Resp: 101606

Ion Ratio Lower Upper

173 100

175 50.9 24.9 74.7

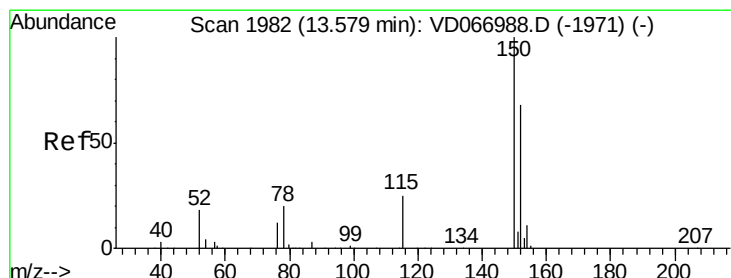
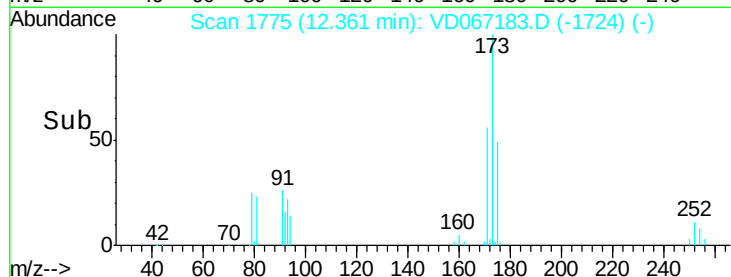
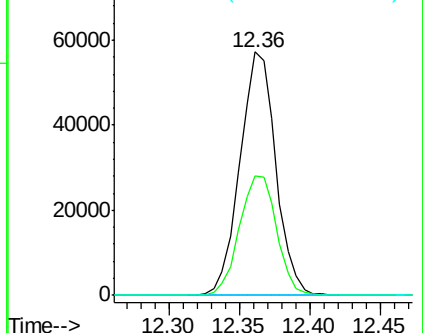
254 0.1 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

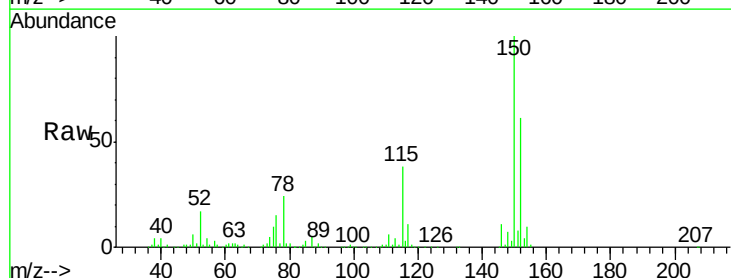
Tgt Ion:152 Resp: 245024

Ion Ratio Lower Upper

152 100

115 60.0 29.6 88.8

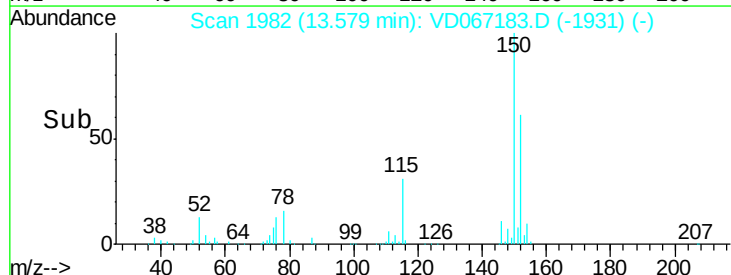
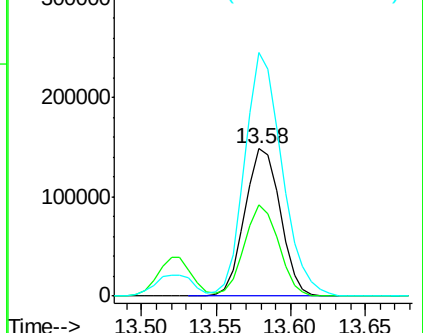
150 173.2 0.0 344.8

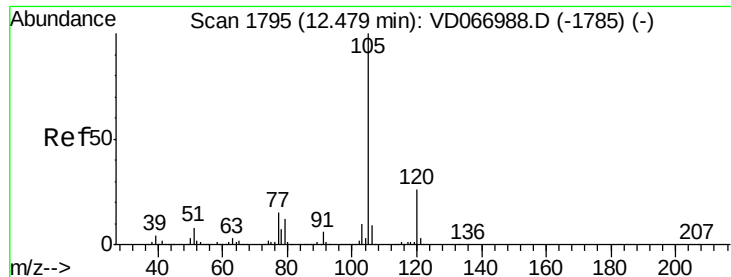


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

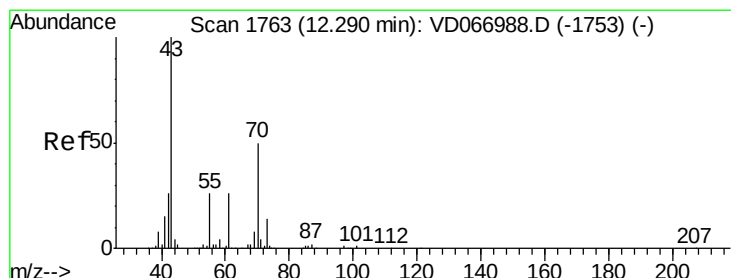
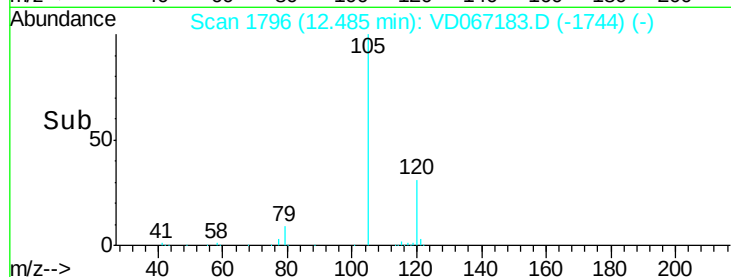
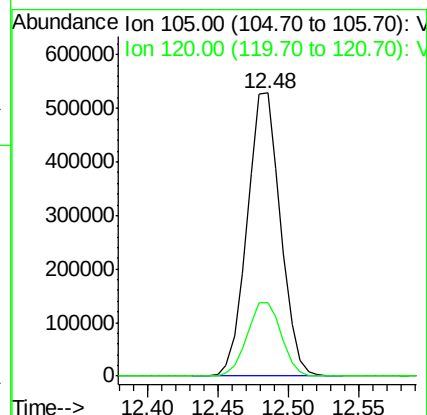
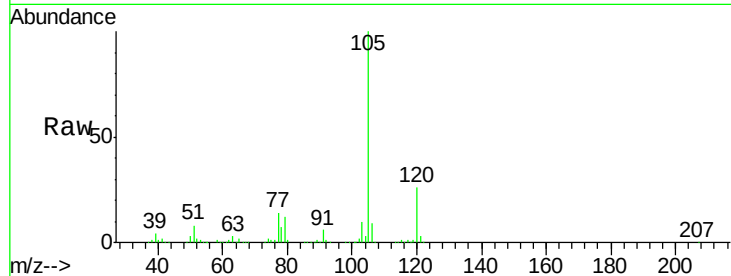




#73
Isopropylbenzene
Concen: 52.595 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

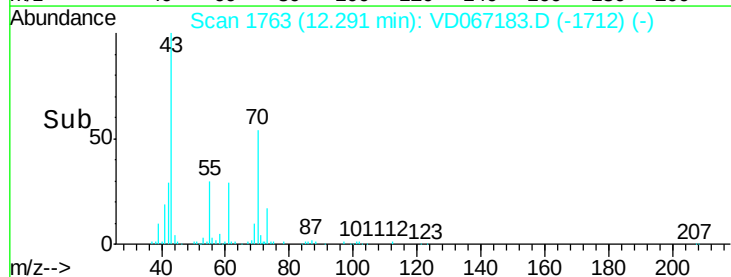
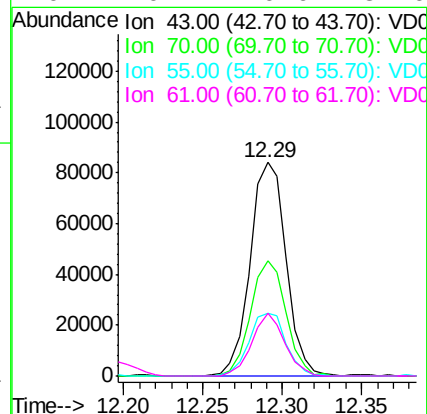
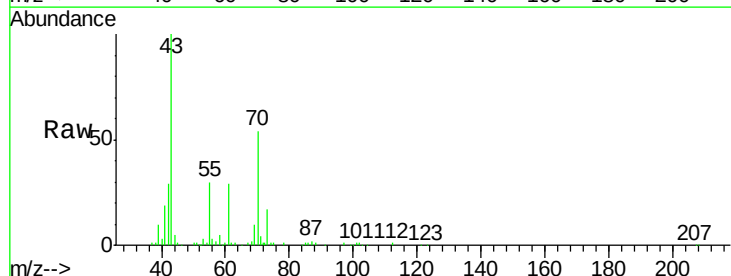
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

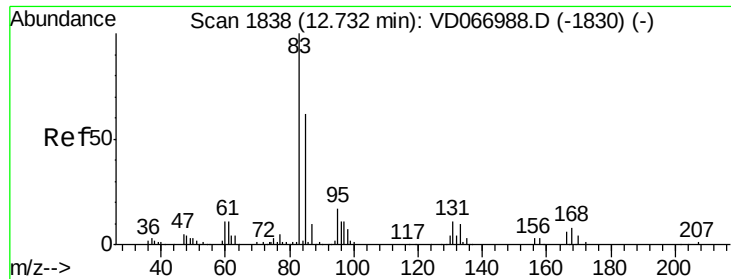
Tgt Ion: 105 Resp: 875041
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 44.354 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 43 Resp: 132657
Ion Ratio Lower Upper
43 100
70 53.2 38.2 57.2
55 30.5 22.4 33.6
61 26.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.016 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

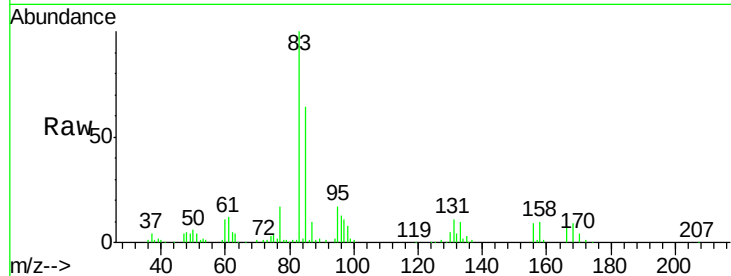
Tgt Ion: 83 Resp: 128991

Ion Ratio Lower Upper

83 100

131 12.2 5.7 17.0

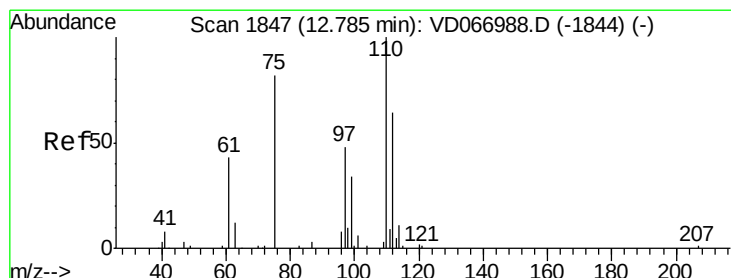
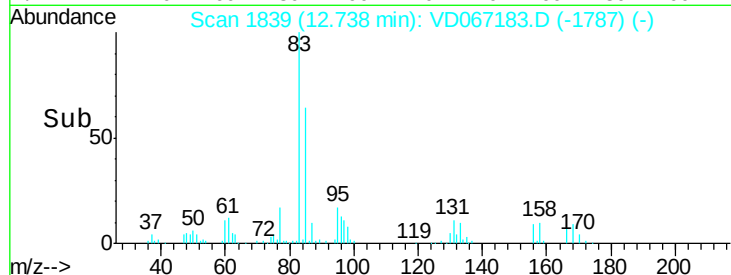
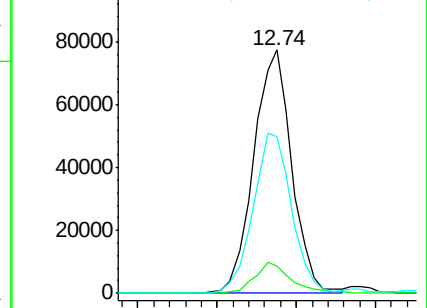
85 66.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 79.392 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067183.D

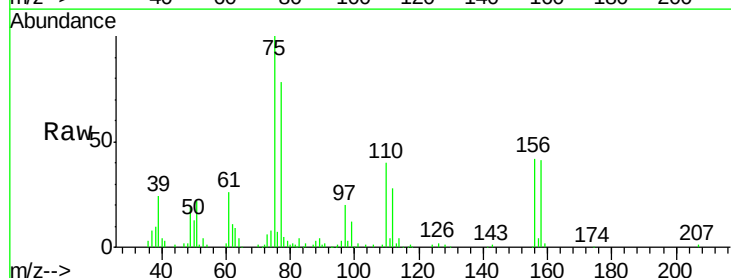
Acq: 08 Oct 2020 09:56

Tgt Ion: 75 Resp: 169441

Ion Ratio Lower Upper

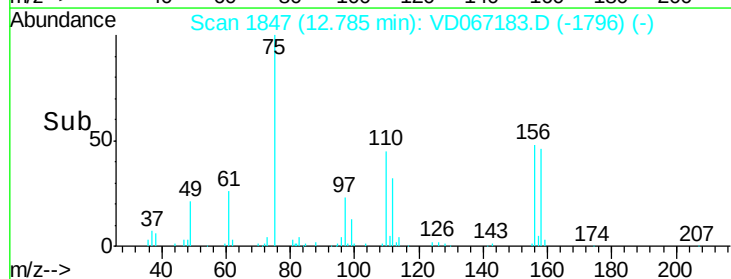
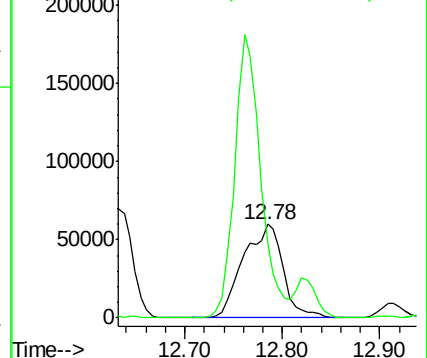
75 100

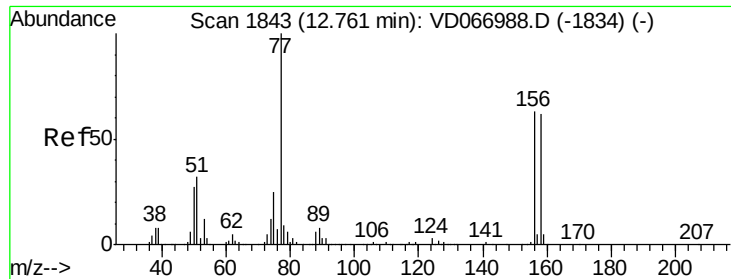
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.183 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

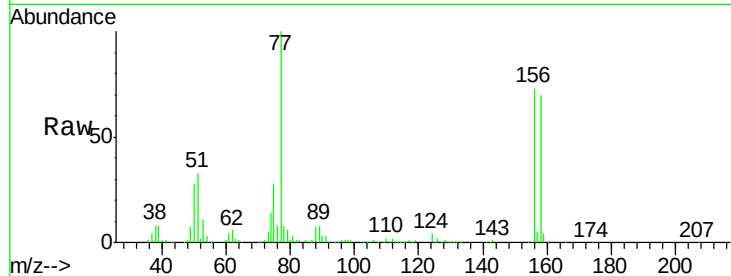
Tgt Ion:156 Resp: 209636

Ion Ratio Lower Upper

156 100

77 160.6 86.3 258.8

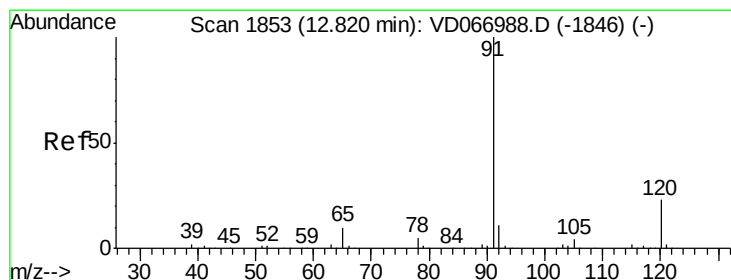
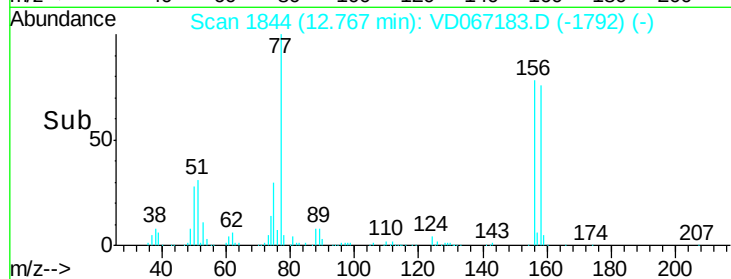
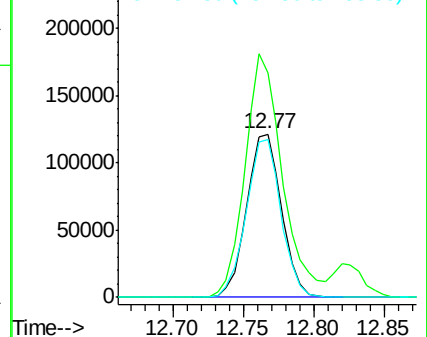
158 96.8 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.914 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067183.D

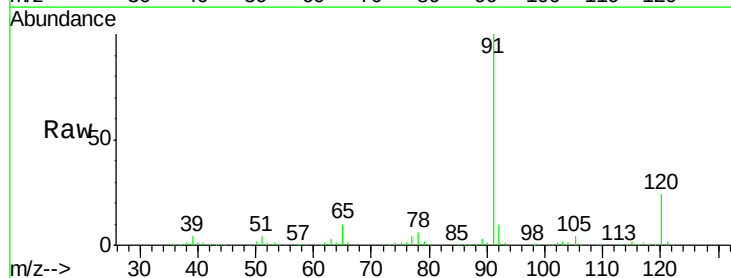
Acq: 08 Oct 2020 09:56

Tgt Ion: 91 Resp: 1001093

Ion Ratio Lower Upper

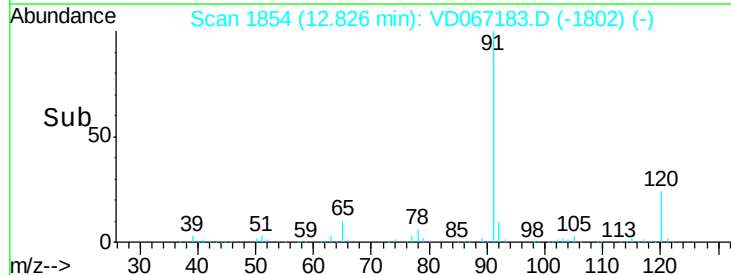
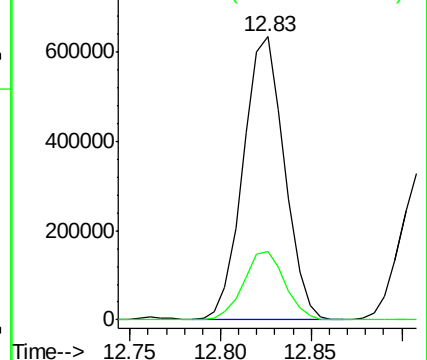
91 100

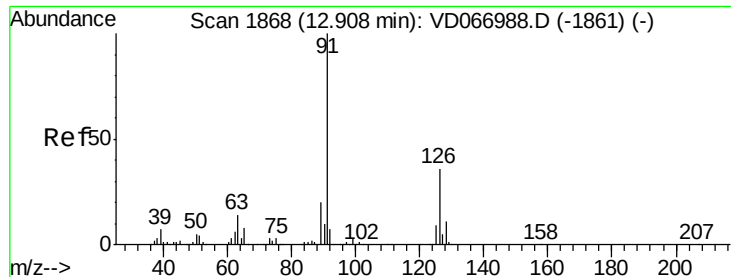
120 24.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

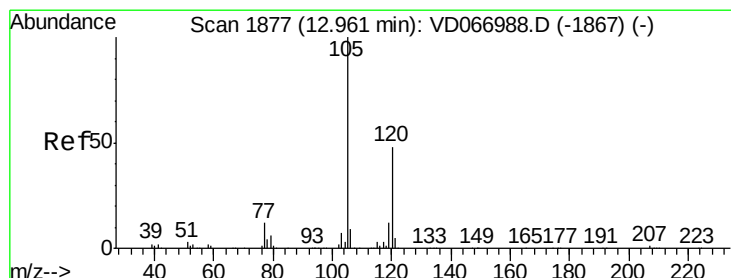
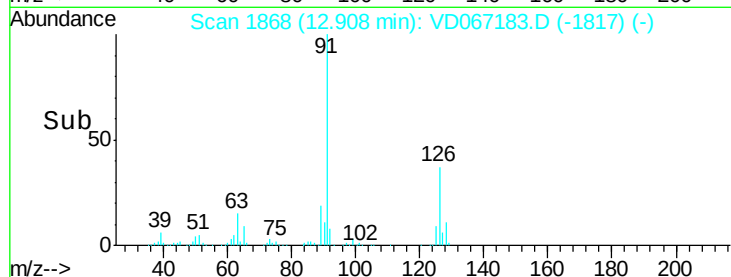
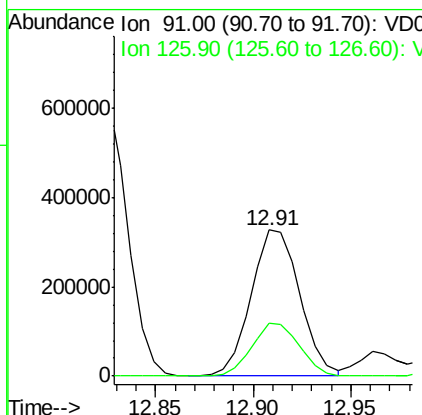
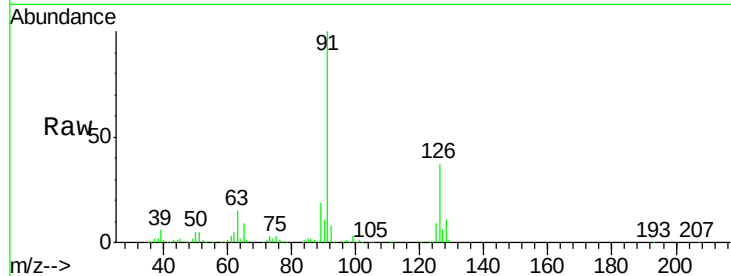




#79
 2-Chlorotoluene
 Concen: 50.218 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

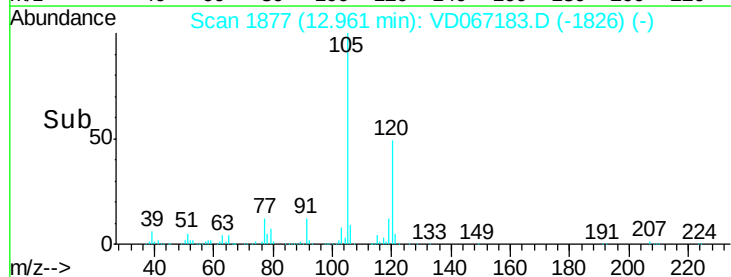
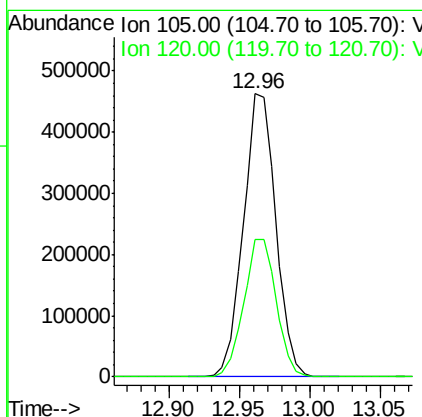
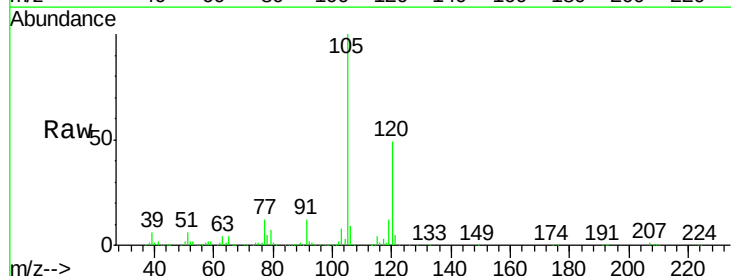
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

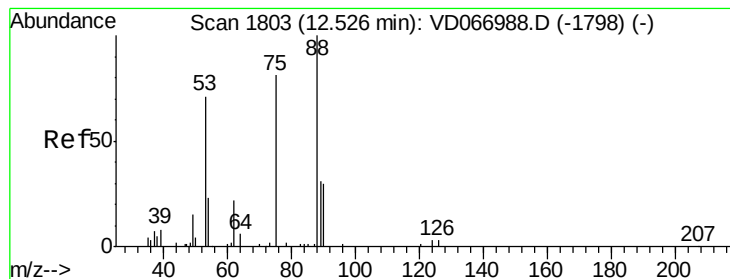
Tgt Ion: 91 Resp: 564948
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 53.011 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 105 Resp: 745155
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.661 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

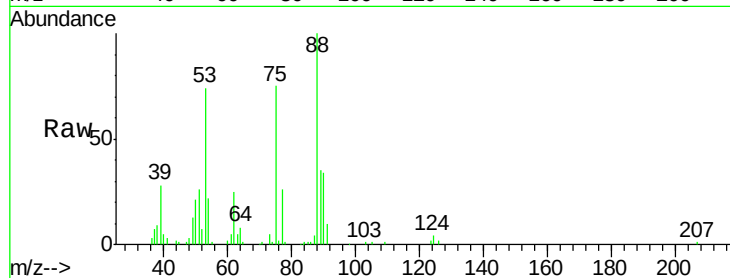
Tgt Ion: 75 Resp: 40800

Ion Ratio Lower Upper

75 100

53 93.5 73.8 110.6

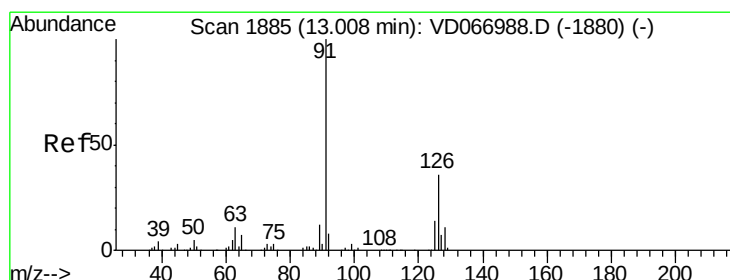
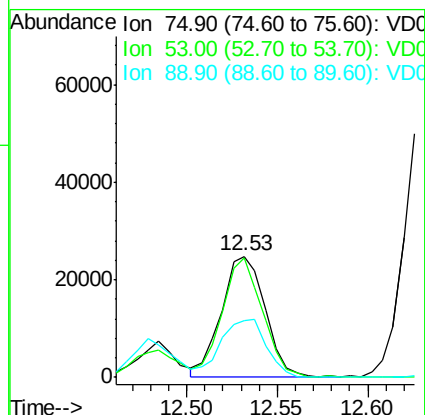
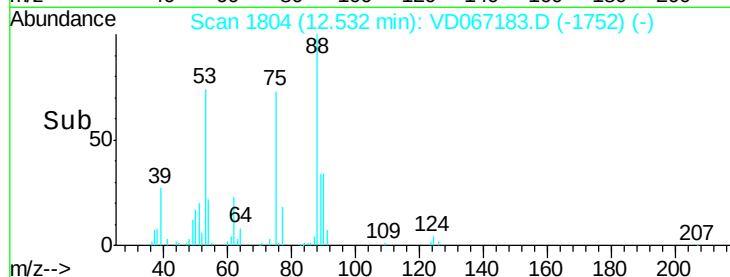
89 51.4 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.783 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067183.D

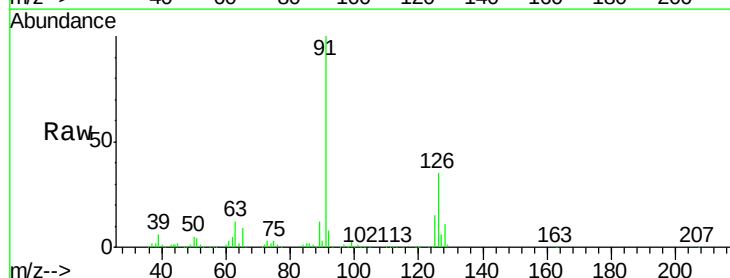
Acq: 08 Oct 2020 09:56

Tgt Ion: 91 Resp: 607838

Ion Ratio Lower Upper

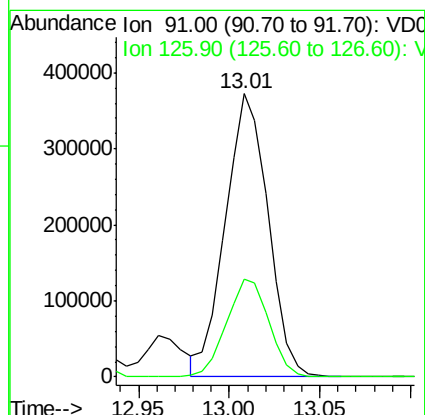
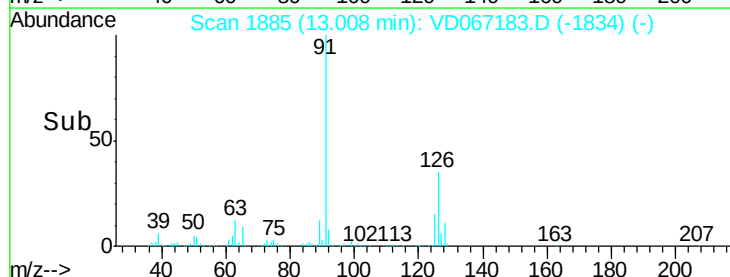
91 100

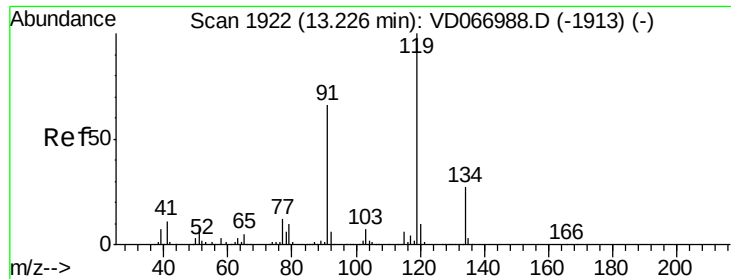
126 34.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

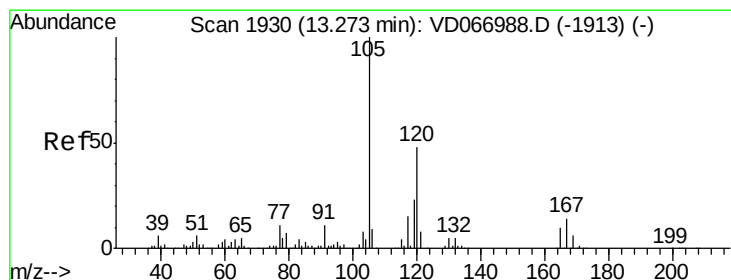
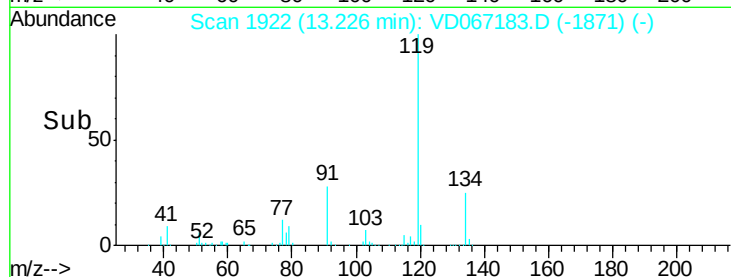
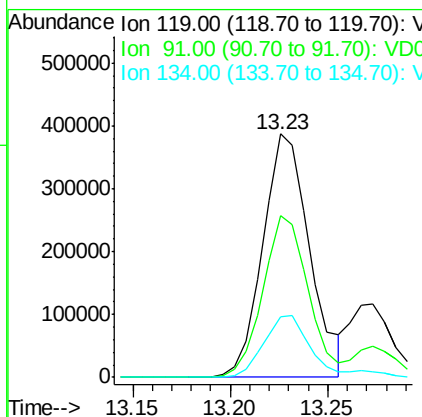
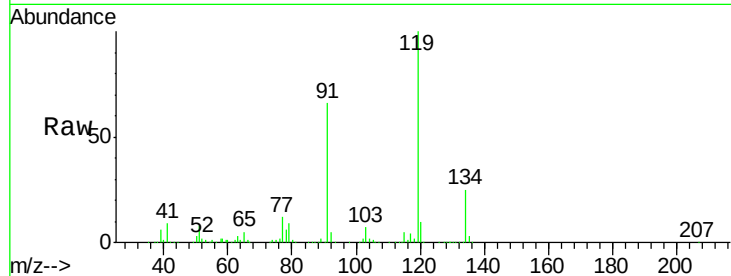




#83
 tert-Butylbenzene
 Concen: 54.405 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

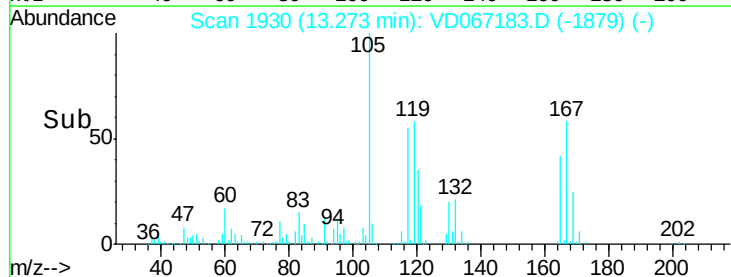
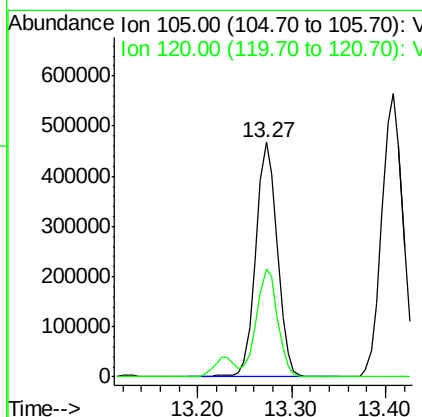
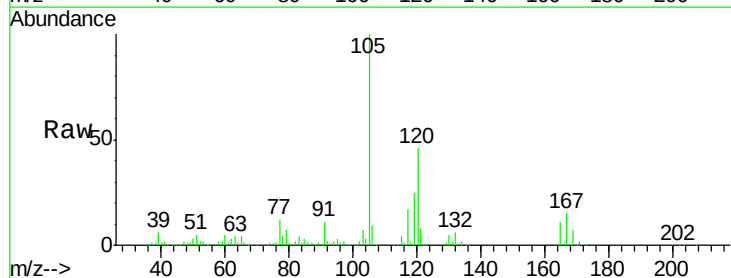
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

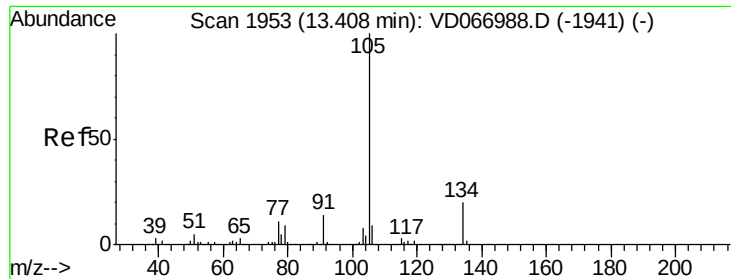
Tgt Ion:119 Resp: 643995
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.8 98.3
 134 26.5 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.807 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion:105 Resp: 740774
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 52.628 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

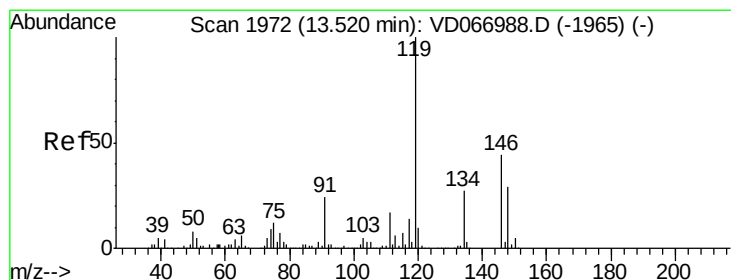
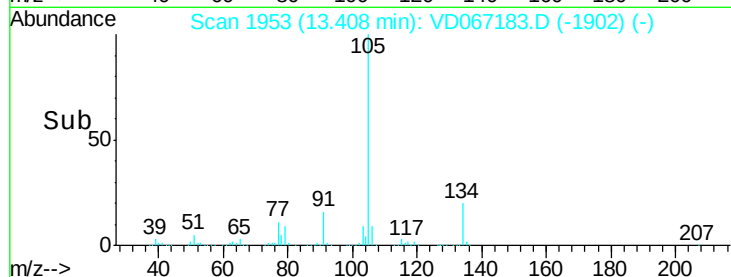
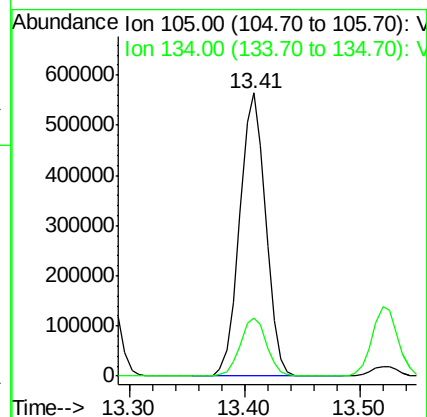
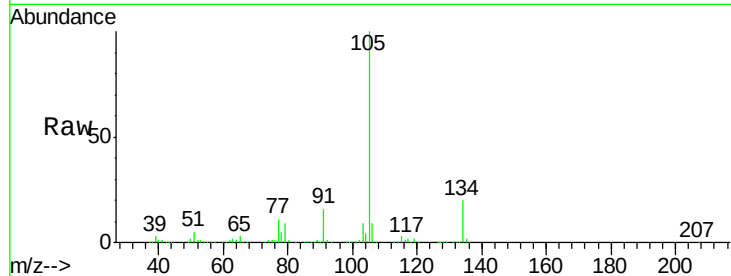
VSTDCCC050

Tgt Ion:105 Resp: 877295

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 52.189 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

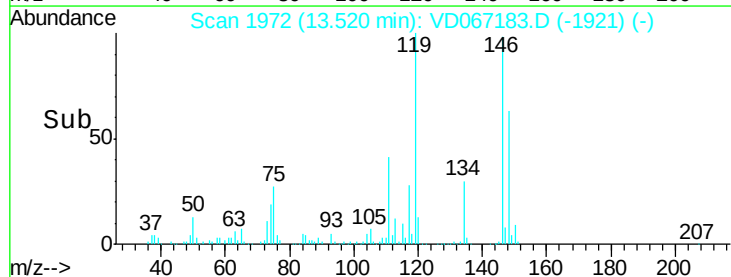
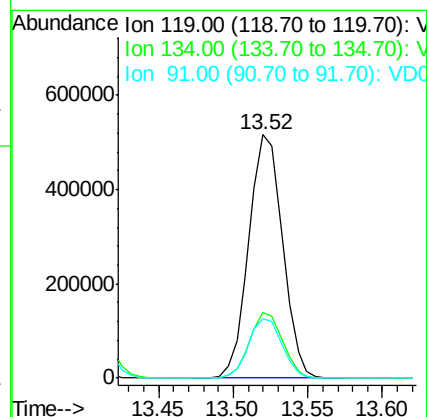
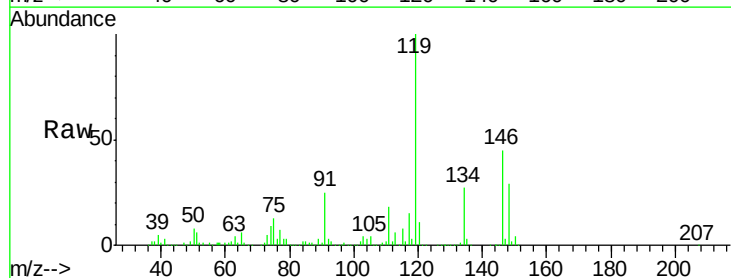
Tgt Ion:119 Resp: 806560

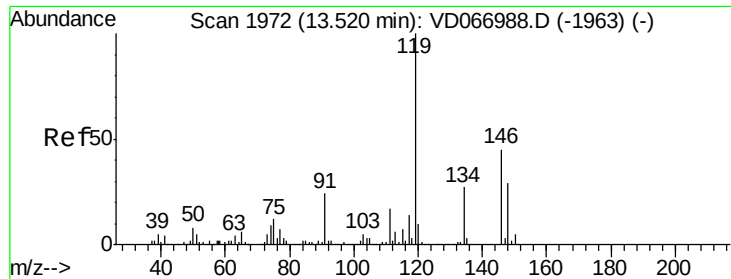
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 24.3 11.7 35.1

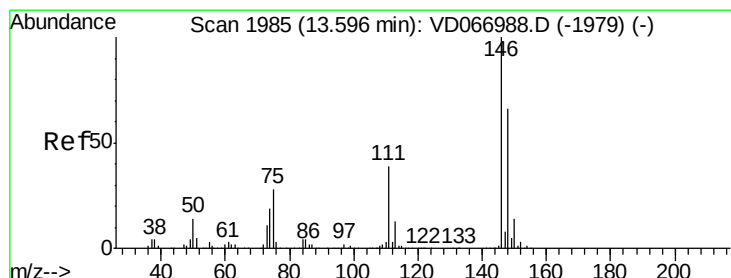
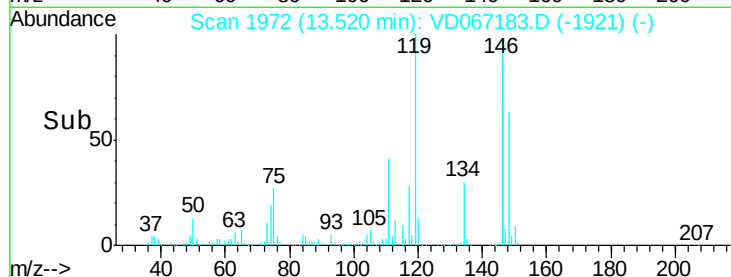
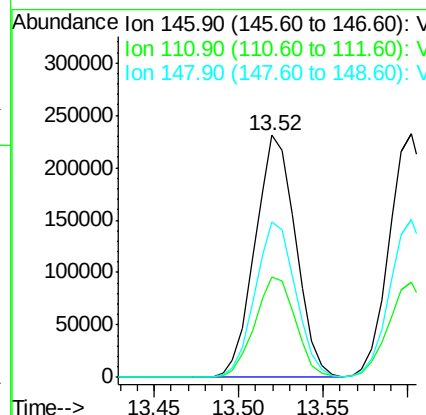
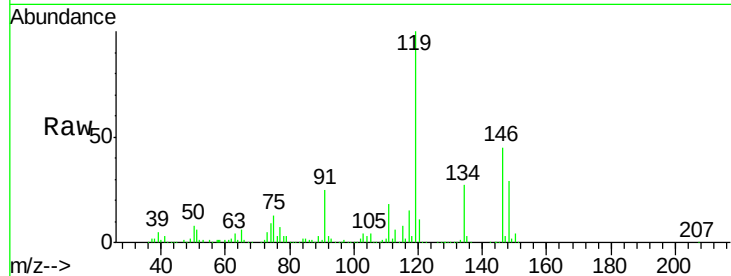




#87
 1,3-Dichlorobenzene
 Concen: 49.512 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

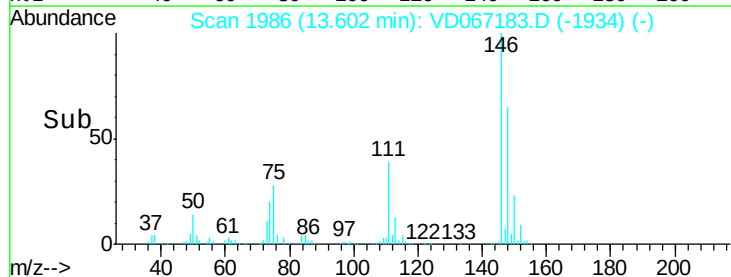
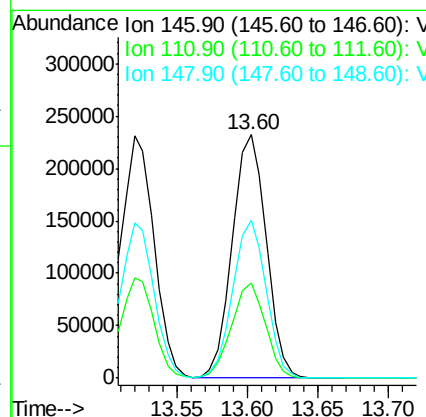
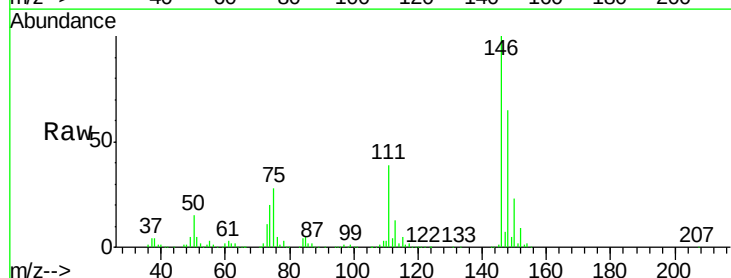
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

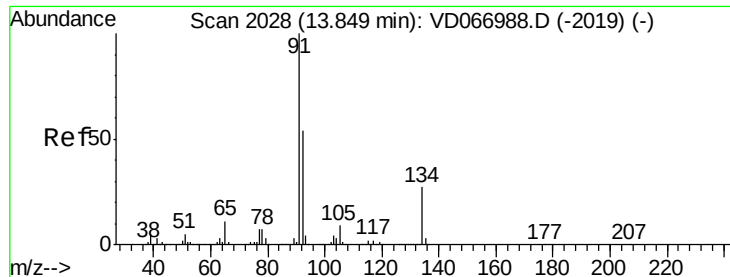
Tgt Ion:146 Resp: 387432
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.809 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion:146 Resp: 389720
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.9 32.6 97.7





#89

n-Butylbenzene

Concen: 51.909 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

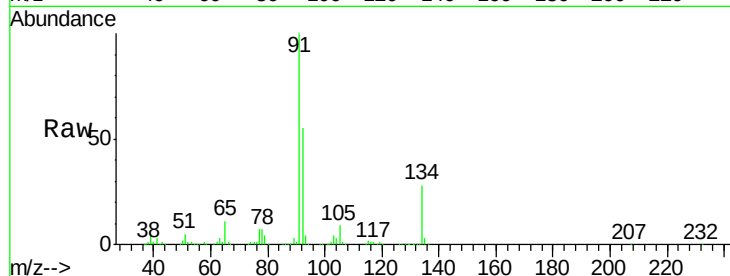
Tgt Ion: 91 Resp: 733171

Ion Ratio Lower Upper

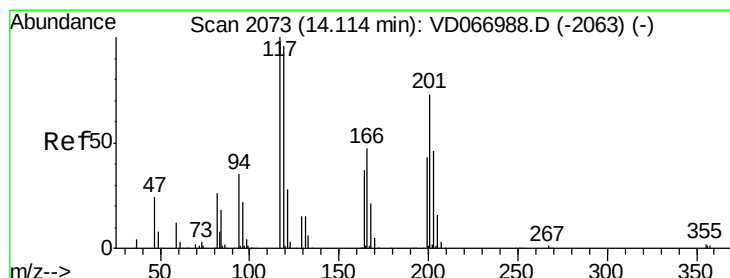
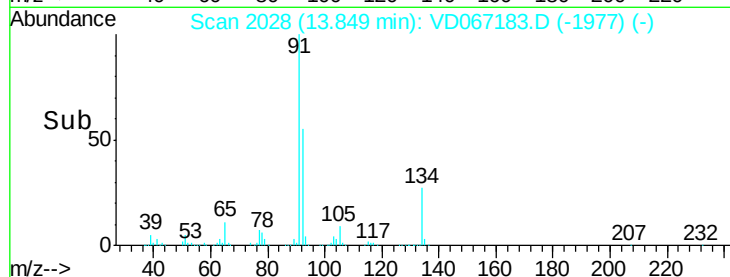
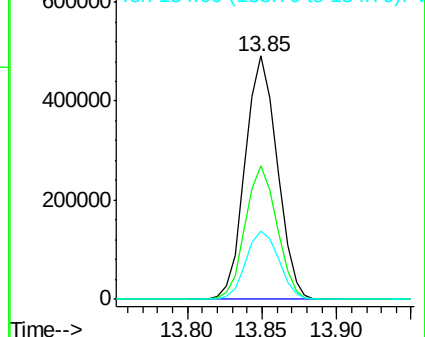
91 100

92 54.0 27.1 81.2

134 28.5 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.188 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.01 min

Lab File: VD067183.D

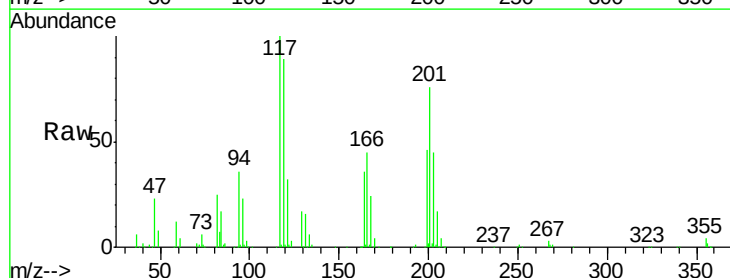
Acq: 08 Oct 2020 09:56

Tgt Ion: 117 Resp: 138572

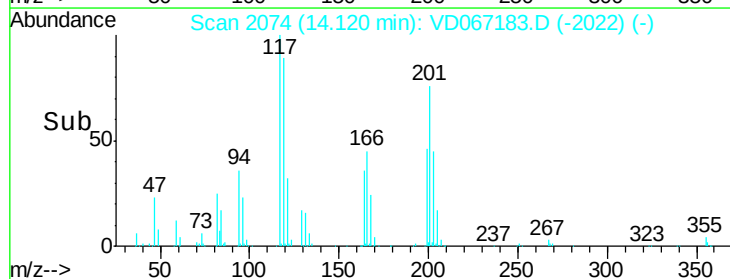
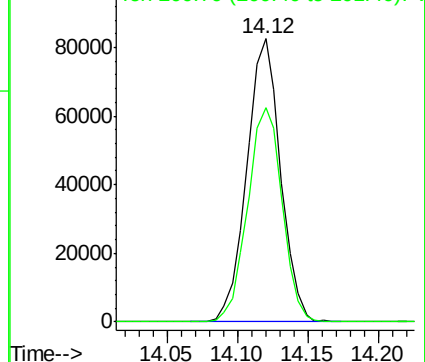
Ion Ratio Lower Upper

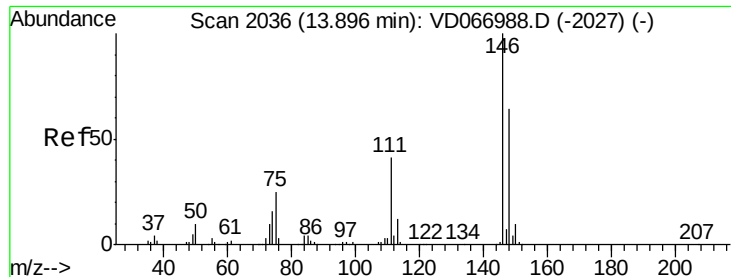
117 100

201 77.4 37.0 110.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

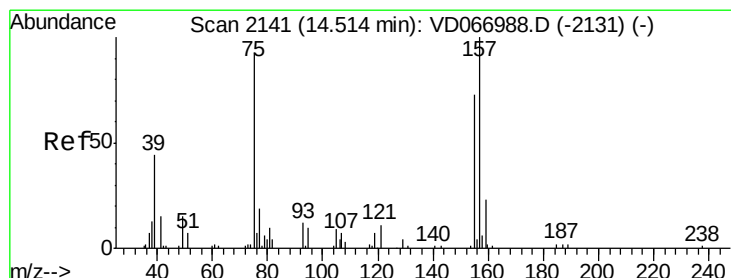
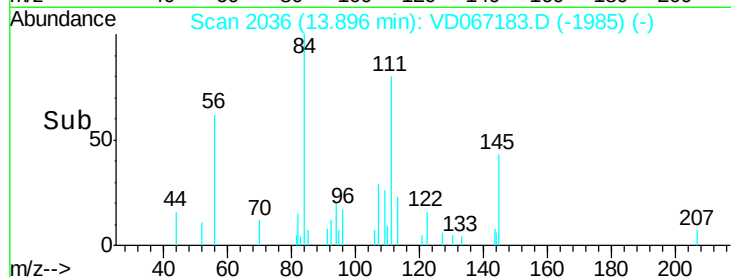
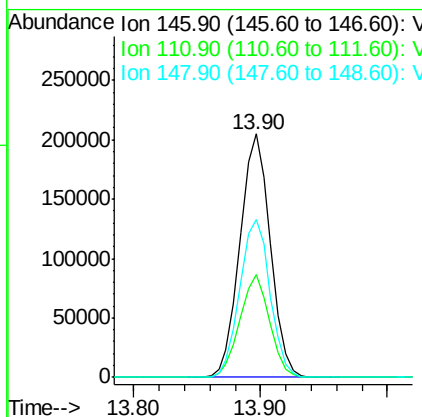
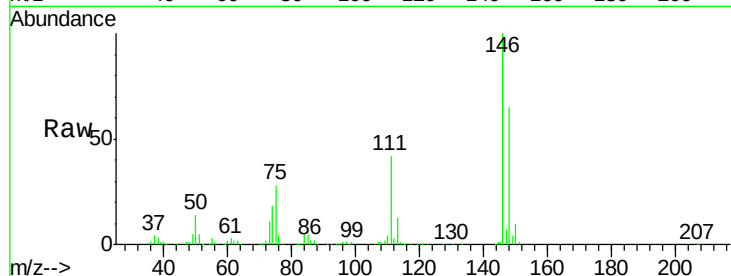




#91
 1,2-Dichlorobenzene
 Concen: 49.726 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

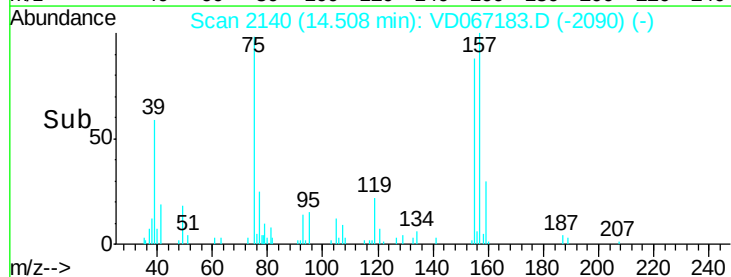
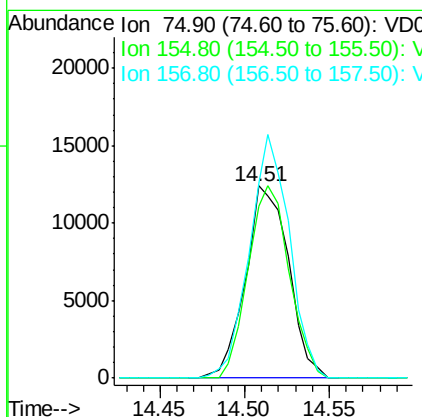
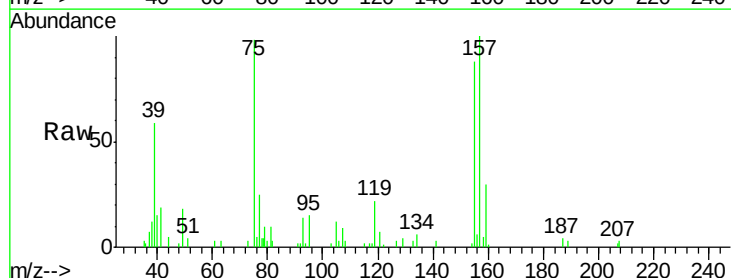
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

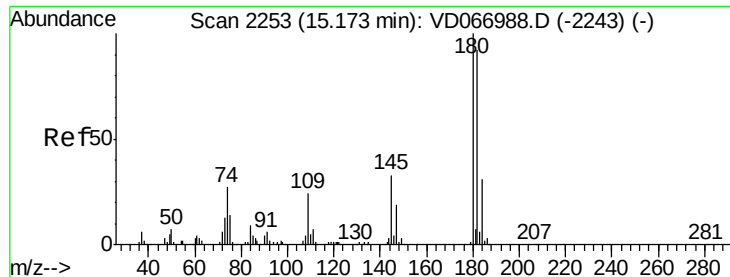
Tgt Ion: 146 Resp: 339823
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 64.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.793 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 75 Resp: 22048
 Ion Ratio Lower Upper
 75 100
 155 95.3 45.2 135.6
 157 116.7 56.3 168.8

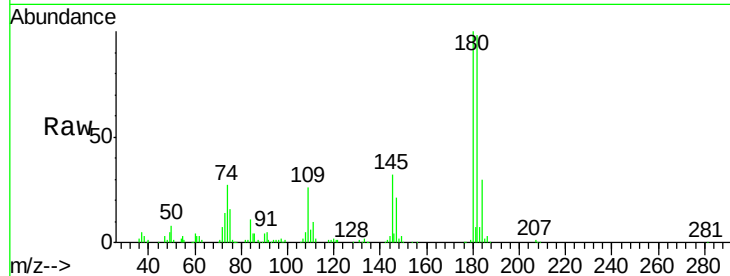




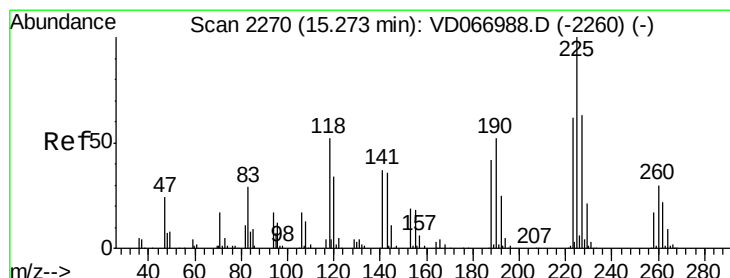
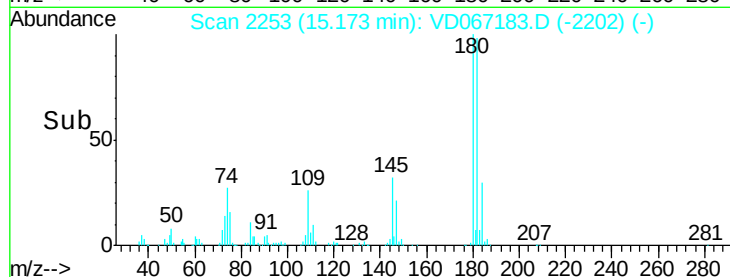
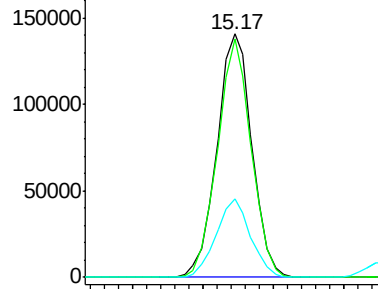
#93
 1,2,4-Trichlorobenzene
 Concen: 55.323 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 244551
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 142.0
 145 31.8 16.4 49.1

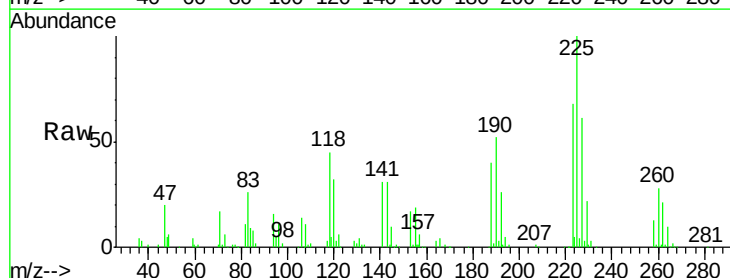


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

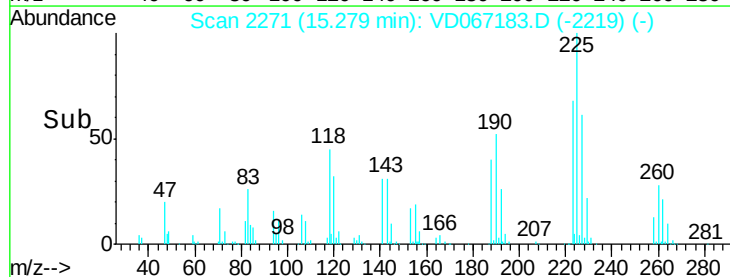
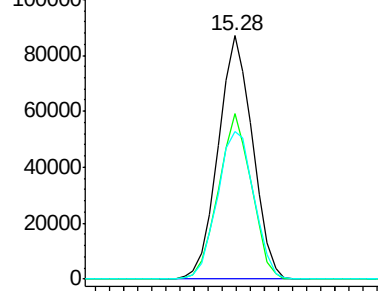


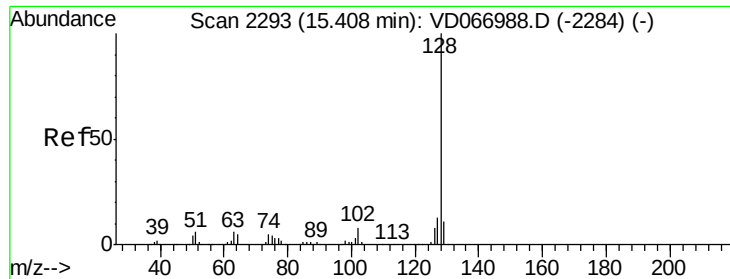
#94
 Hexachlorobutadiene
 Concen: 54.748 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion:225 Resp: 148625
 Ion Ratio Lower Upper
 225 100
 223 65.4 32.4 97.0
 227 64.7 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

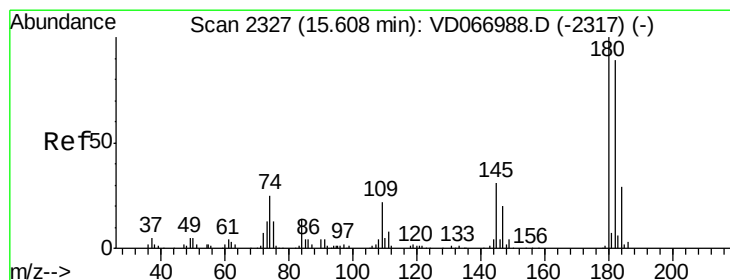
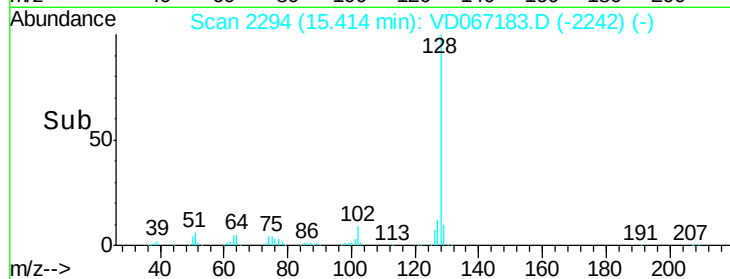
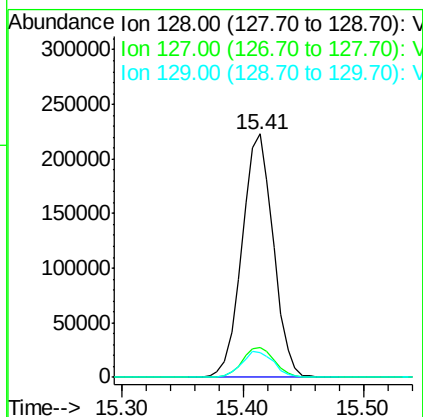
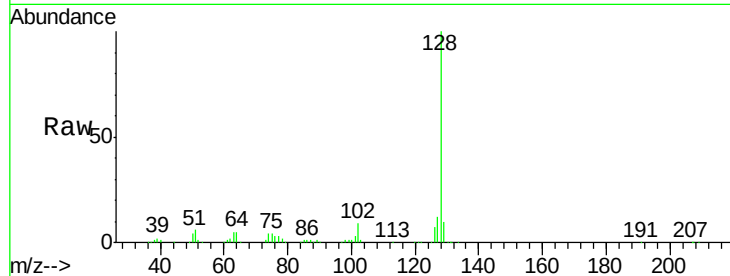




#95
Naphthalene
Concen: 54.526 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 402023
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.826 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion:180 Resp: 206548
Ion Ratio Lower Upper
180 100
182 98.1 46.4 139.1
145 34.4 16.6 49.7

