

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
 Data File : VD066864.D
 Acq On : 25 Sep 2020 10:36
 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: Sep 25 14:21:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	414185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	623544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	576395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	191975	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	7.91	113	201193	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.34	98	720863	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.63	95	249773	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	144159	49.904	ug/l	91
3) Chloromethane	2.21	50	166360	43.716	ug/l	100
4) Vinyl Chloride	2.35	62	177144	47.118	ug/l	99
5) Bromomethane	2.77	94	126594	47.907	ug/l	95
6) Chloroethane	2.93	64	106228	45.500	ug/l	90
7) Trichlorofluoromethane	3.27	101	360794	46.728	ug/l	99
8) Diethyl Ether	3.71	74	93300	47.598	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	212798	47.529	ug/l	100
10) Methyl Iodide	4.30	142	179787	45.506	ug/l	97
11) Tert butyl alcohol	5.22	59	55520	221.196	ug/l	97
12) 1,1-Dichloroethene	4.07	96	193160	47.626	ug/l	96
13) Acrolein	3.93	56	84424	282.304	ug/l	96
14) Allyl chloride	4.71	41	283655	47.629	ug/l	98
15) Acrylonitrile	5.42	53	208717	240.270	ug/l	98
16) Acetone	4.16	43	223759	260.195	ug/l	98
17) Carbon Disulfide	4.41	76	571705	46.107	ug/l	97
18) Methyl Acetate	4.71	43	96278	50.190	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	437029	49.618	ug/l	99
20) Methylene Chloride	4.97	84	229554	49.389	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	230230	49.025	ug/l	99
22) Diisopropyl ether	6.36	45	609600	49.783	ug/l	98
23) Vinyl Acetate	6.31	43	1603385	241.267	ug/l	100
24) 1,1-Dichloroethane	6.26	63	381560	46.578	ug/l	99
25) 2-Butanone	7.21	43	249343	241.273	ug/l	100
26) 2,2-Dichloropropane	7.21	77	348891	46.467	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	250701	49.133	ug/l	99
28) Bromochloromethane	7.54	49	168755	49.864	ug/l #	97
29) Tetrahydrofuran	7.56	42	168313	254.179	ug/l	99
30) Chloroform	7.71	83	417540	47.285	ug/l	97
31) Cyclohexane	7.98	56	338074	45.866	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	394353	49.368	ug/l	99
36) 1,1-Dichloropropene	8.11	75	320490	51.808	ug/l	99
37) Ethyl Acetate	7.28	43	119510	53.441	ug/l	96
38) Carbon Tetrachloride	8.10	117	352218	52.079	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	380814	53.617	ug/l	98
40) Benzene	8.35	78	892302	51.756	ug/l	99
41) Methacrylonitrile	7.56	41	163894	119.173	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	257925	50.606	ug/l	100
43) Isopropyl Acetate	8.45	43	219069	50.810	ug/l	99
44) Trichloroethene	9.11	130	252679	51.419	ug/l	96
45) 1,2-Dichloropropane	9.38	63	221916	51.160	ug/l	96
46) Dibromomethane	9.47	93	123377	52.350	ug/l	97
47) Bromodichloromethane	9.66	83	330077	52.136	ug/l #	99
48) Methyl methacrylate	9.45	41	118437	55.715	ug/l	94
49) 1,4-Dioxane	9.46	88	31994	1219.884	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	590225	270.168	ug/l	99
52) Toluene	10.40	92	592206	53.327	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	288398	53.520	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	351031	53.425	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	169448	52.300	ug/l	96
56) Ethyl methacrylate	10.66	69	190980	55.024	ug/l	98
57) 1,3-Dichloropropane	10.94	76	286964	53.639	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	400312	243.584	ug/l	99
59) 2-Hexanone	10.98	43	418805	284.268	ug/l	96
60) Dibromochloromethane	11.14	129	223910	52.952	ug/l	99
61) 1,2-Dibromoethane	11.24	107	162256	53.843	ug/l	99
64) Tetrachloroethene	10.87	164	220945	53.290	ug/l	99
65) Chlorobenzene	11.67	112	617866	51.497	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	235624	51.888	ug/l	98
67) Ethyl Benzene	11.74	91	1131388	53.691	ug/l	100
68) m/p-Xylenes	11.85	106	880670	110.384	ug/l	98
69) o-Xylene	12.18	106	387832	53.760	ug/l	100
70) Styrene	12.19	104	690151	55.087	ug/l	99
71) Bromoform	12.36	173	123280	53.620	ug/l #	100
73) Isopropylbenzene	12.48	105	1079549	53.796	ug/l	98
74) N-amyl acetate	12.29	43	203932	52.038	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	177902	51.376	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	234381	101.811	ug/l #	100
77) Bromobenzene	12.76	156	243237	51.826	ug/l	99
78) n-propylbenzene	12.82	91	1303548	53.994	ug/l	99
79) 2-Chlorotoluene	12.91	91	715726	52.024	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	925085	54.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	49650	53.959	ug/l	96
82) 4-Chlorotoluene	13.01	91	762276	52.562	ug/l	100
83) tert-Butylbenzene	13.23	119	763985	54.602	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	918639	54.406	ug/l	99
85) sec-Butylbenzene	13.40	105	1095716	54.458	ug/l	98
86) p-Isopropyltoluene	13.52	119	1018306	56.147	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	485764	52.388	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	473080	51.369	ug/l	98
89) n-Butylbenzene	13.84	91	940242	54.543	ug/l	100
90) Hexachloroethane	14.11	117	189479	51.460	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	413577	52.134	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28068	50.388	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

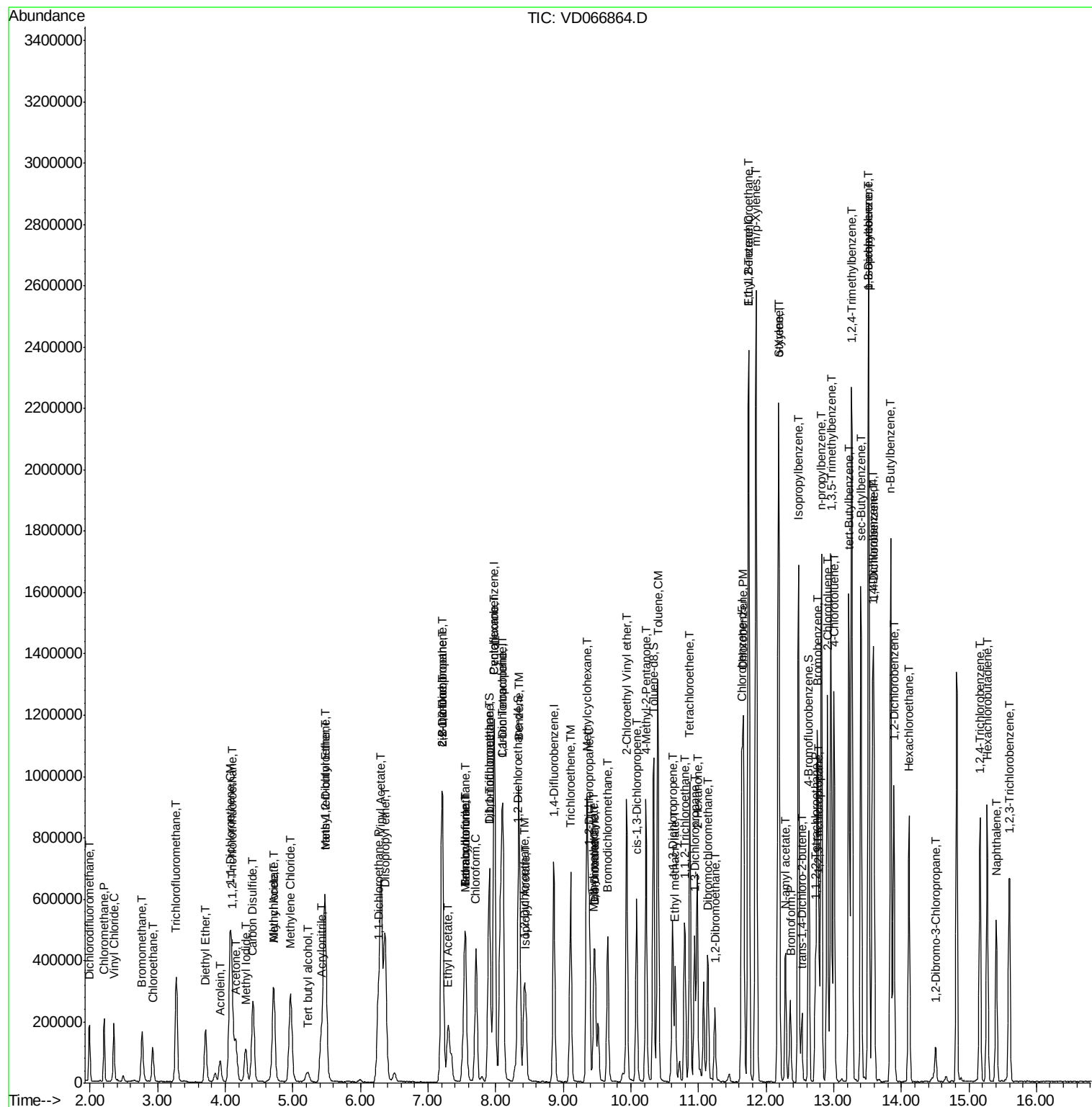
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	268256	53.717	ug/l	98
94) Hexachlorobutadiene	15.27	225	160191	53.530	ug/l	98
95) Naphthalene	15.41	128	471329	55.592	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	234186	54.332	ug/l	99

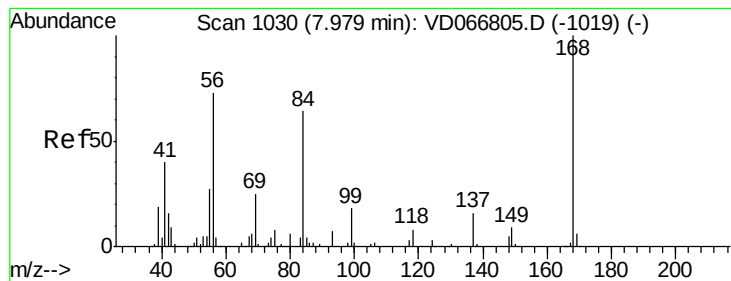
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

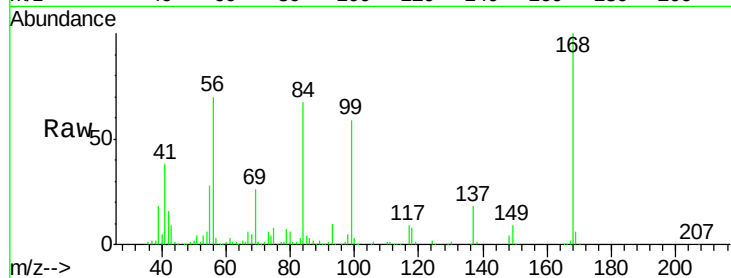
VSTDCCC050

Tgt Ion:168 Resp: 414185

Ion Ratio Lower Upper

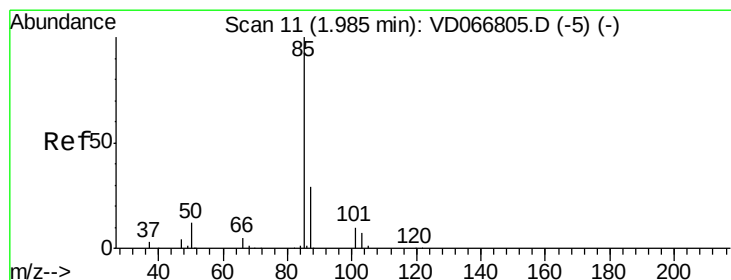
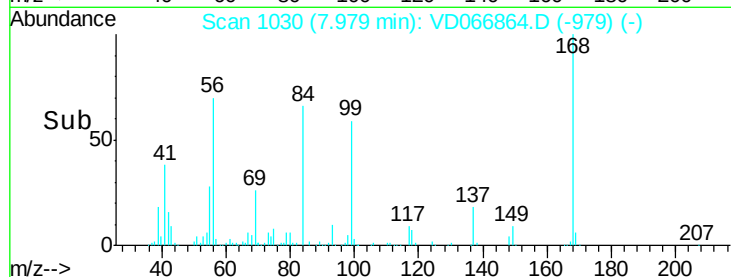
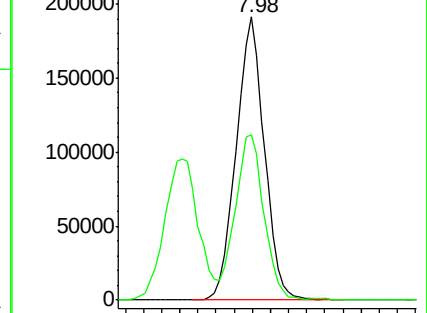
168 100

99 58.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.904 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066864.D

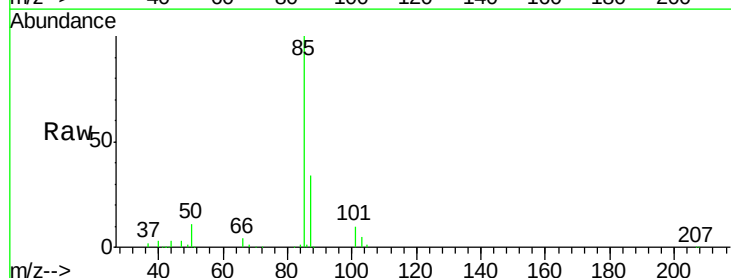
Acq: 25 Sep 2020 10:36

Tgt Ion: 85 Resp: 144159

Ion Ratio Lower Upper

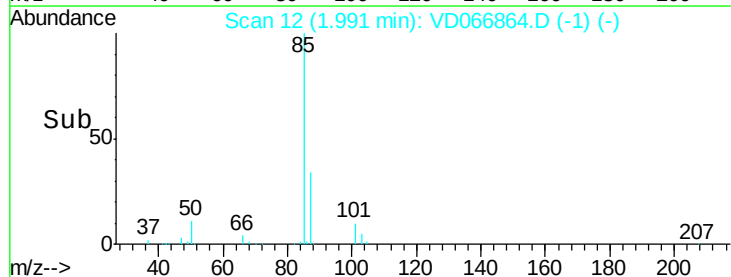
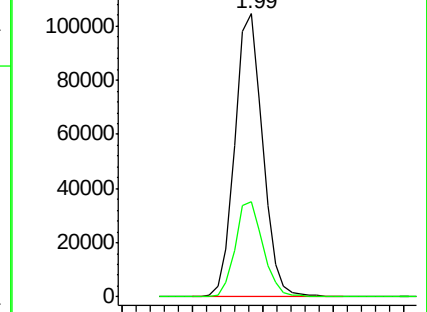
85 100

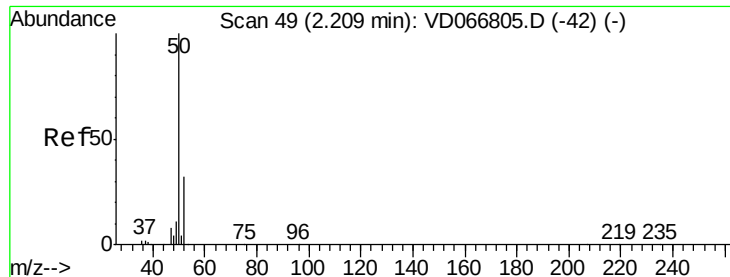
87 33.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.716 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

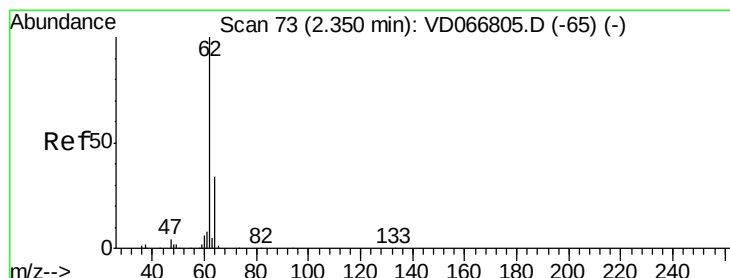
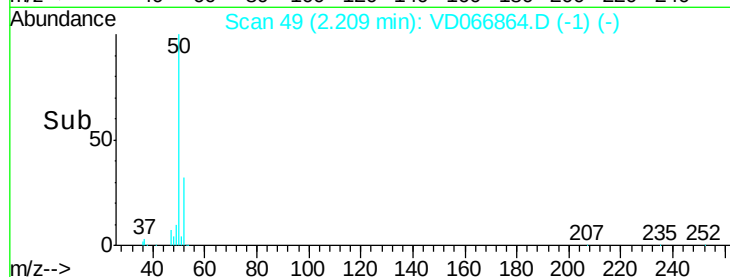
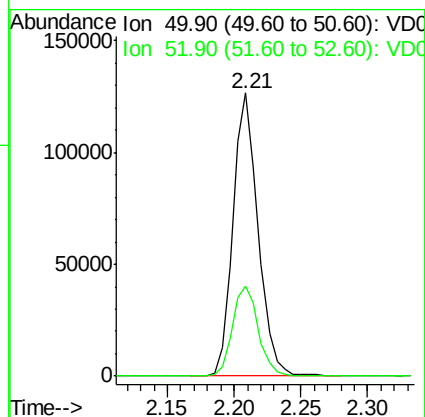
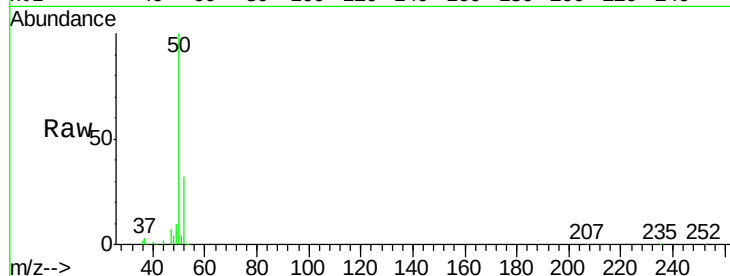
VSTDCCC050

Tgt Ion: 50 Resp: 166360

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 47.118 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066864.D

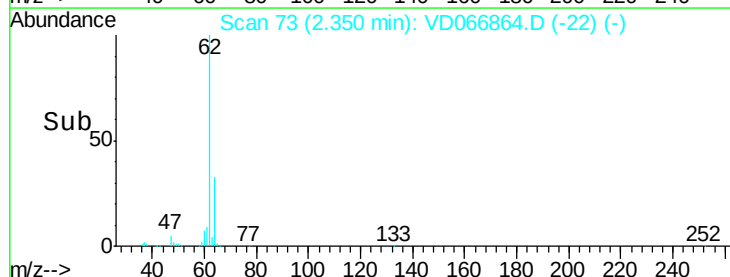
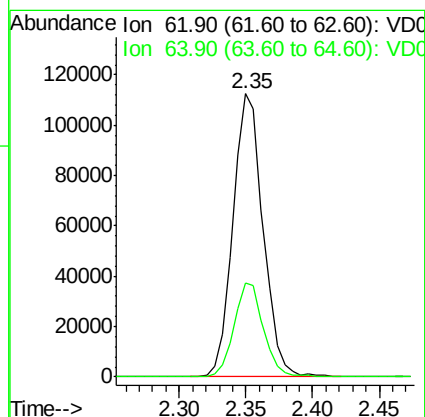
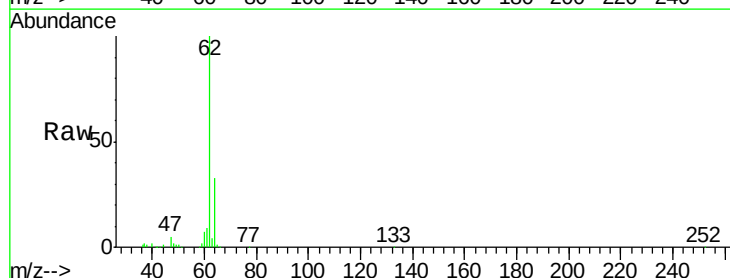
Acq: 25 Sep 2020 10:36

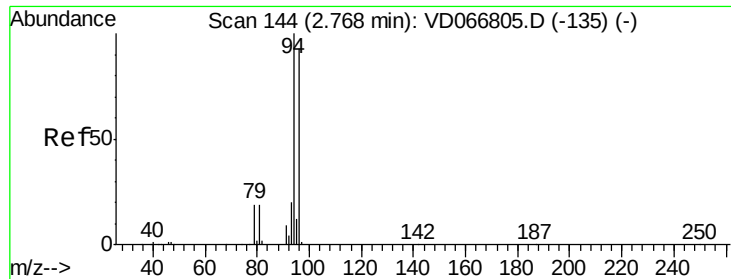
Tgt Ion: 62 Resp: 177144

Ion Ratio Lower Upper

62 100

64 33.1 27.0 40.4





#5

Bromomethane

Concen: 47.907 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

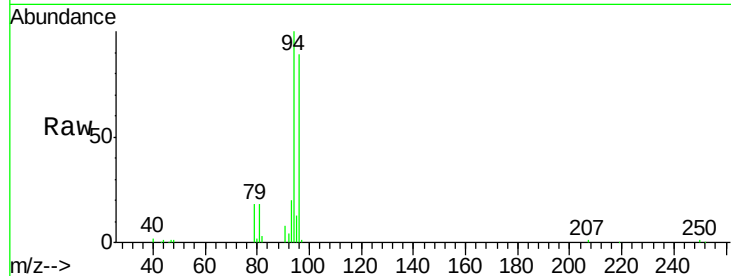
VSTDCCC050

Tgt Ion: 94 Resp: 126594

Ion Ratio Lower Upper

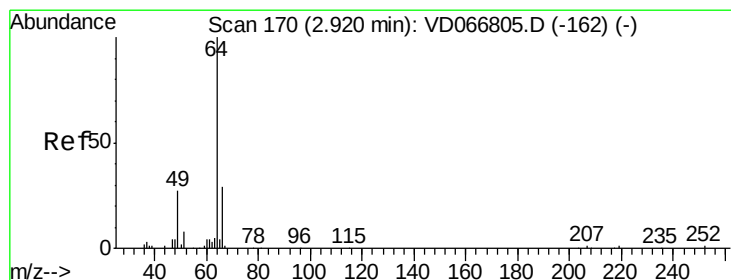
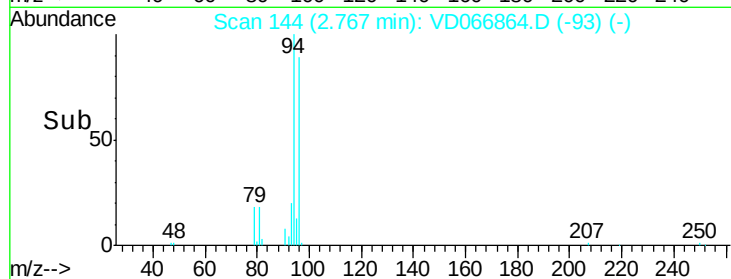
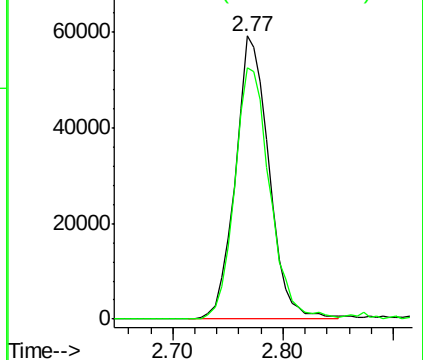
94 100

96 88.5 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.500 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066864.D

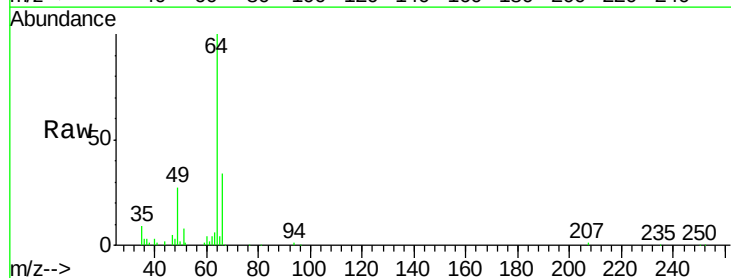
Acq: 25 Sep 2020 10:36

Tgt Ion: 64 Resp: 106228

Ion Ratio Lower Upper

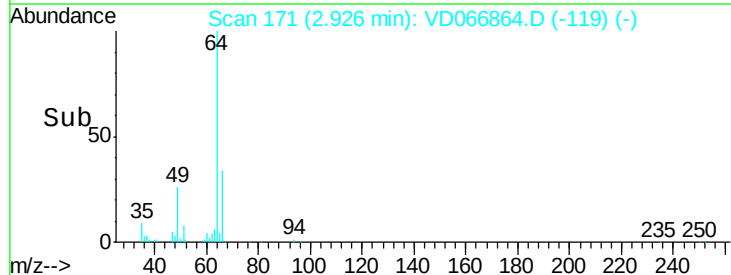
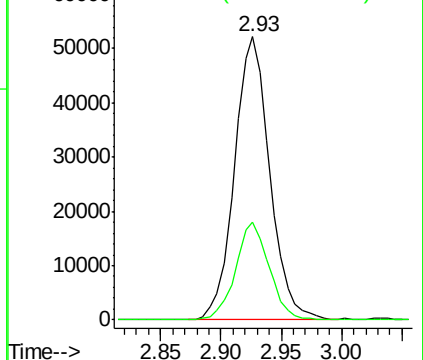
64 100

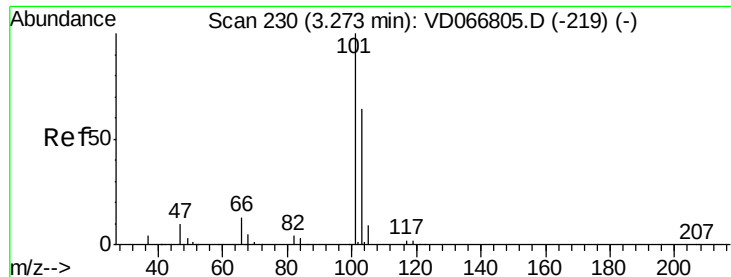
66 34.5 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



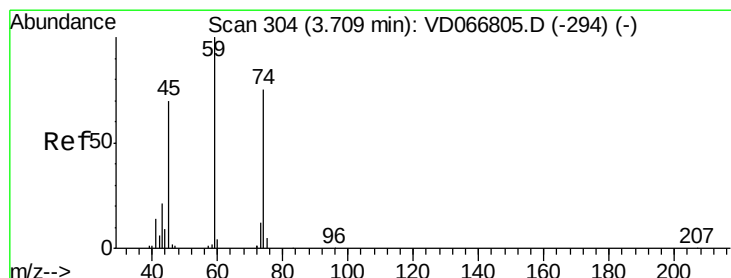
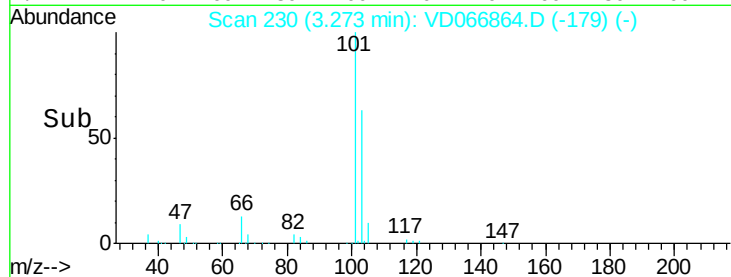
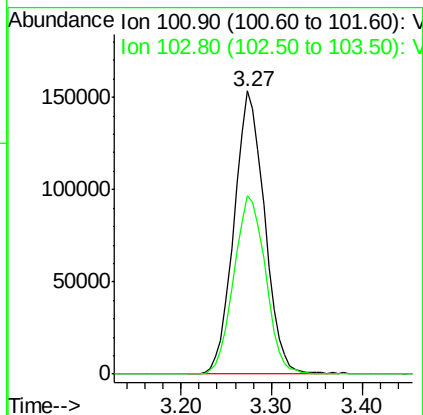
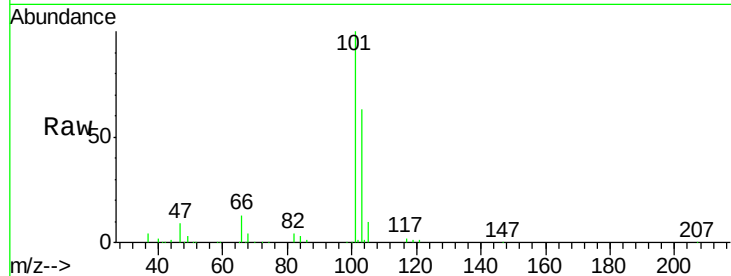


#7

Trichlorofluoromethane
 Concen: 46.728 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

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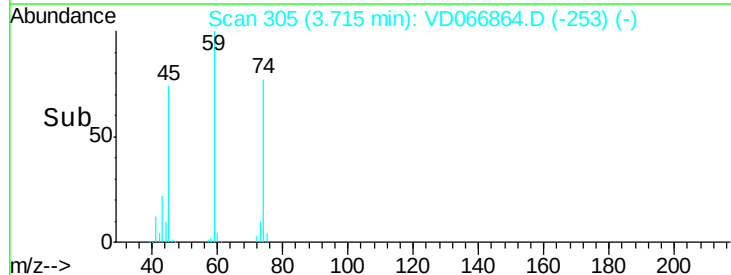
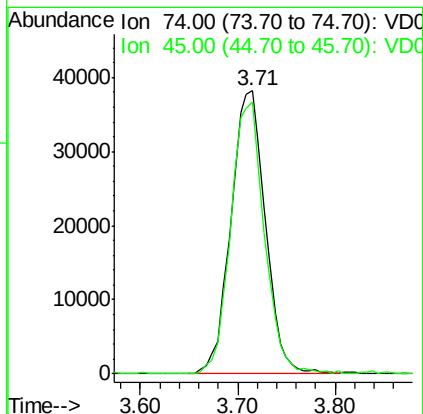
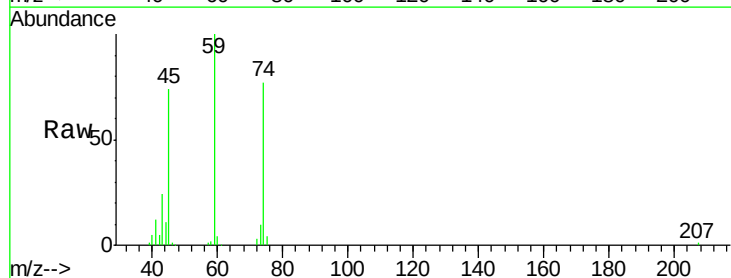
Tgt Ion:101 Resp: 360794
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.0 76.6

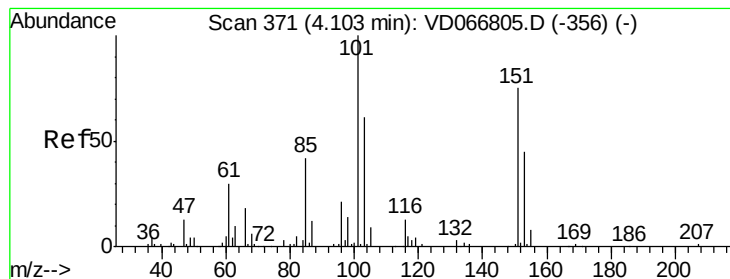


#8

Diethyl Ether
 Concen: 47.598 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion: 74 Resp: 93300
 Ion Ratio Lower Upper
 74 100
 45 94.2 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.529 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066864.D

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VSTDCCC050

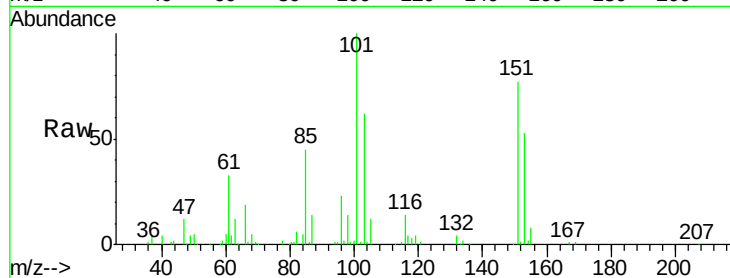
Tgt Ion:101 Resp: 212798

Ion Ratio Lower Upper

101 100

85 43.7 35.4 53.2

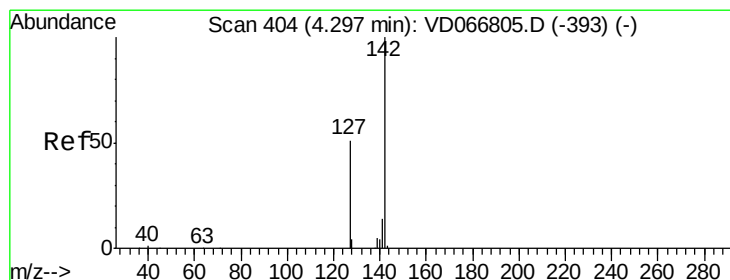
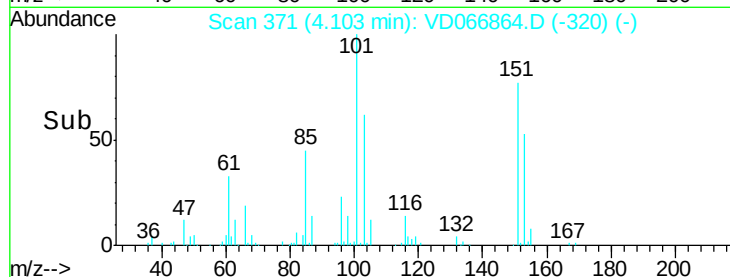
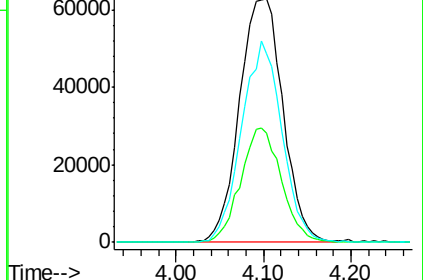
151 76.8 61.4 92.0



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: 45.506 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

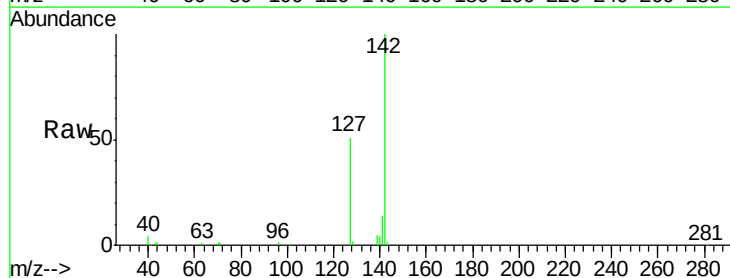
Tgt Ion:142 Resp: 179787

Ion Ratio Lower Upper

142 100

127 47.4 39.4 59.0

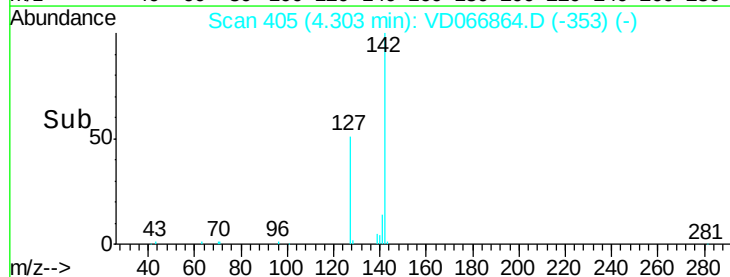
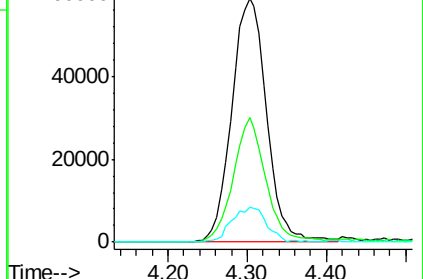
141 14.1 12.1 18.1

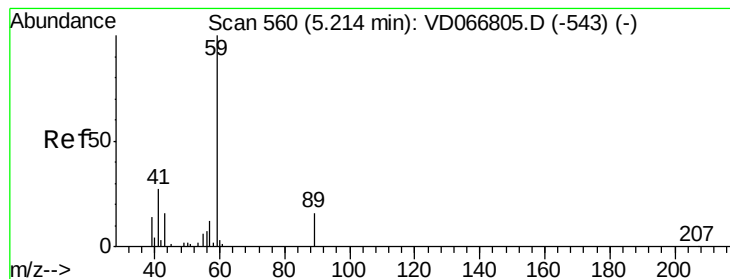


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 221.196 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

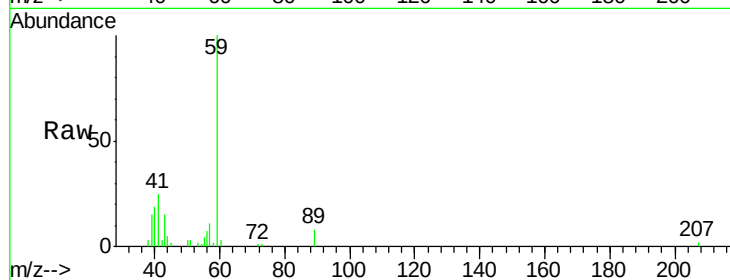
VSTDCCC050

Tgt Ion: 59 Resp: 55520

Ion Ratio Lower Upper

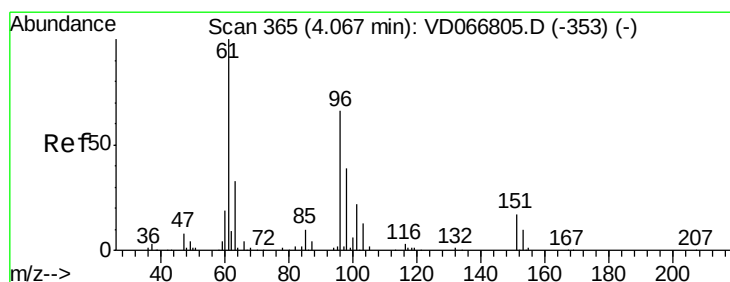
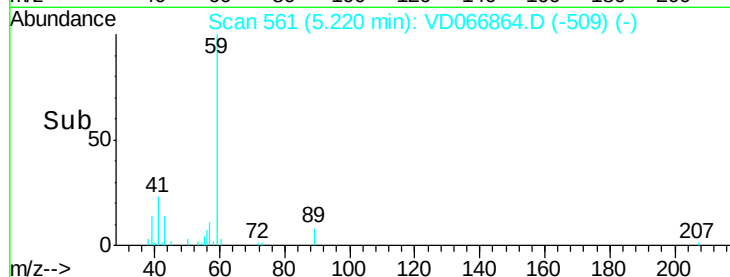
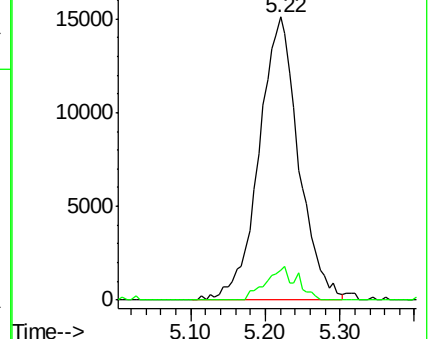
59 100

57 9.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 47.626 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

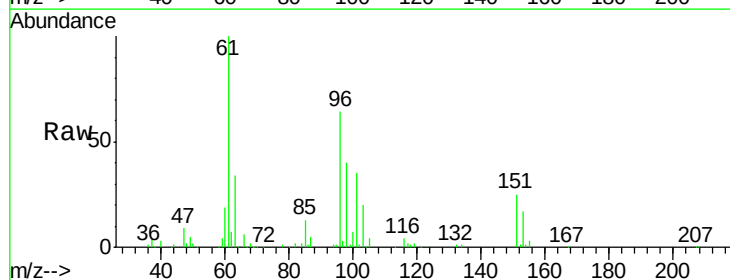
Tgt Ion: 96 Resp: 193160

Ion Ratio Lower Upper

96 100

61 156.6 120.8 181.2

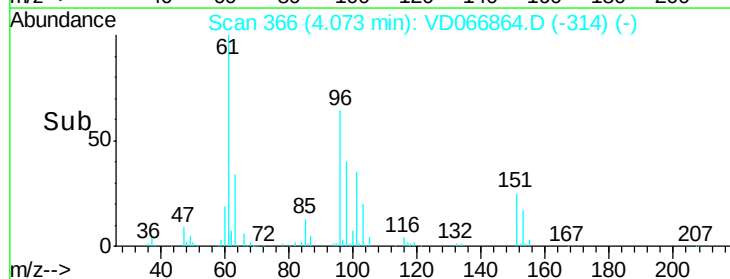
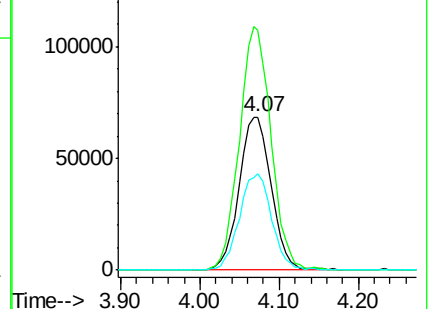
98 62.7 47.7 71.5

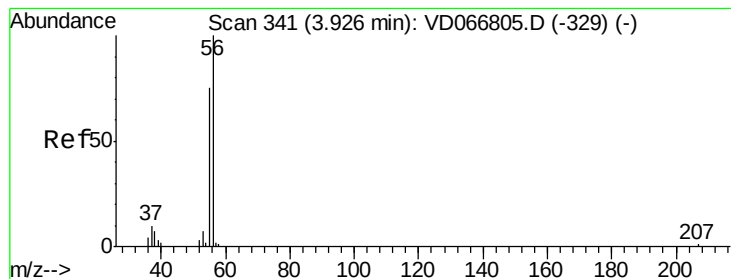


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 282.304 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

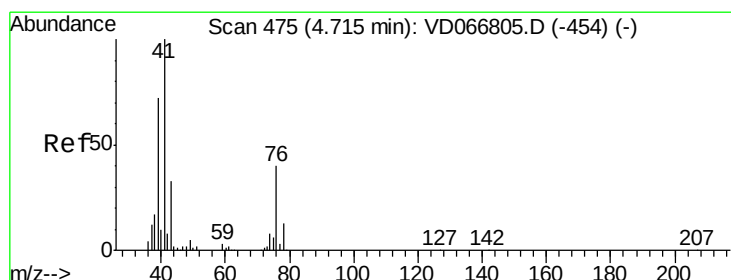
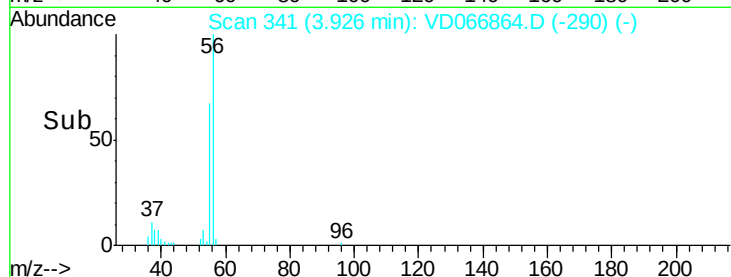
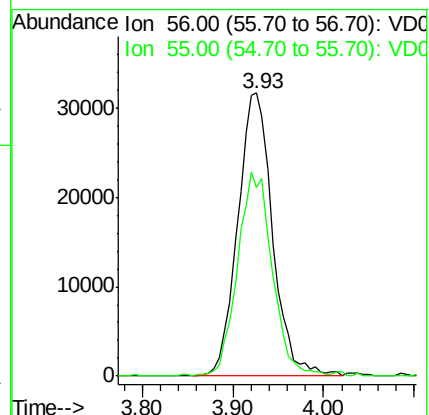
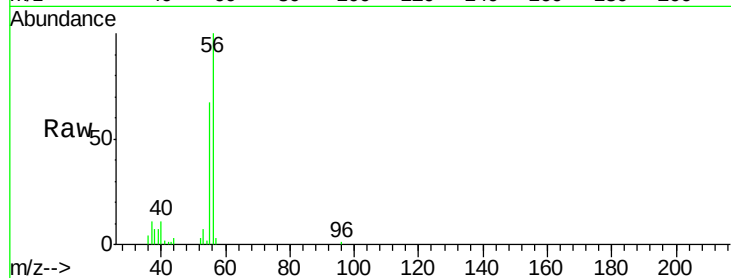
VSTDCCC050

Tgt Ion: 56 Resp: 84424

Ion Ratio Lower Upper

56 100

55 71.6 60.3 90.5



#14

Allyl chloride

Concen: 47.629 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

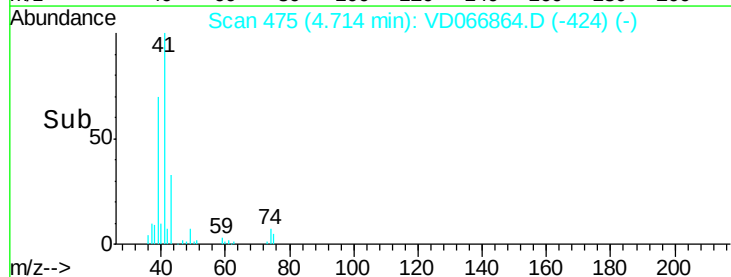
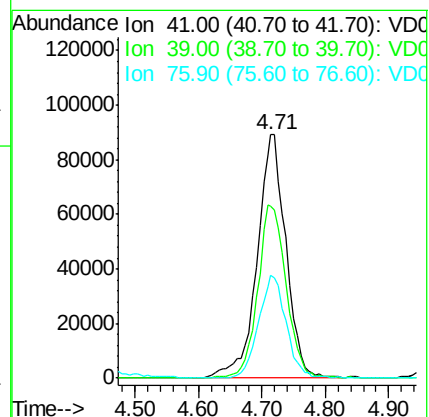
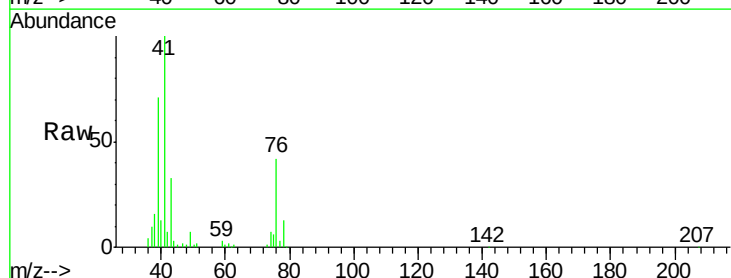
Tgt Ion: 41 Resp: 283655

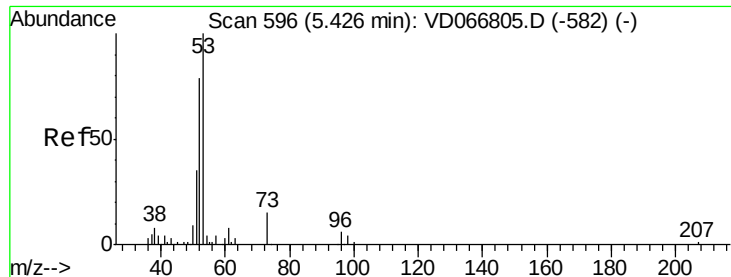
Ion Ratio Lower Upper

41 100

39 70.5 57.8 86.8

76 39.8 30.9 46.3





#15

Acrylonitrile

Concen: 240.270 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

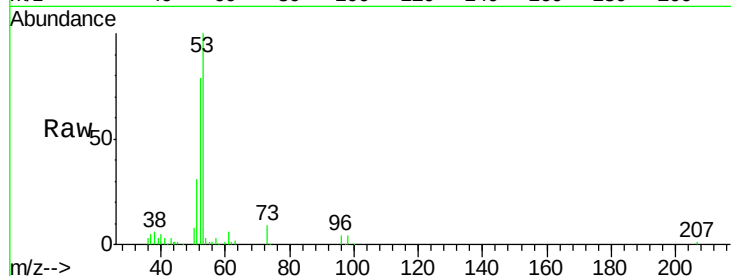
Tgt Ion: 53 Resp: 208717

Ion Ratio Lower Upper

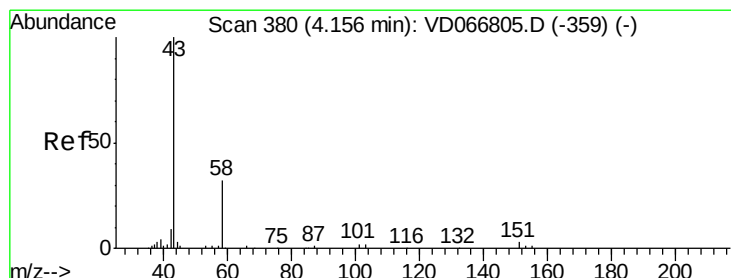
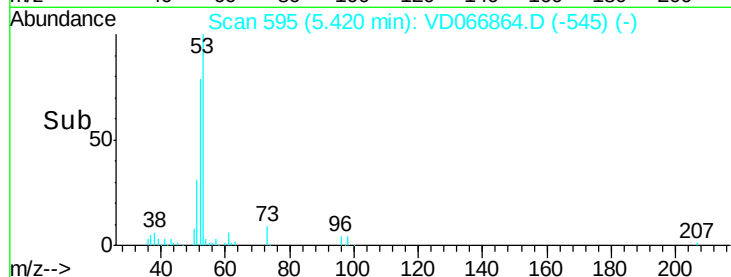
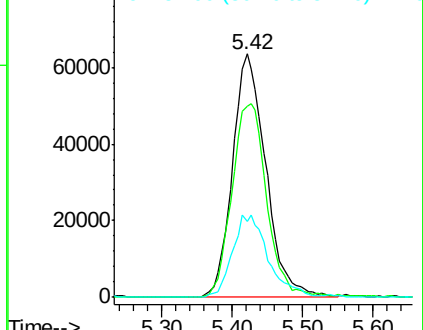
53 100

52 82.7 65.2 97.8

51 36.0 30.6 46.0



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: 260.195 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066864.D

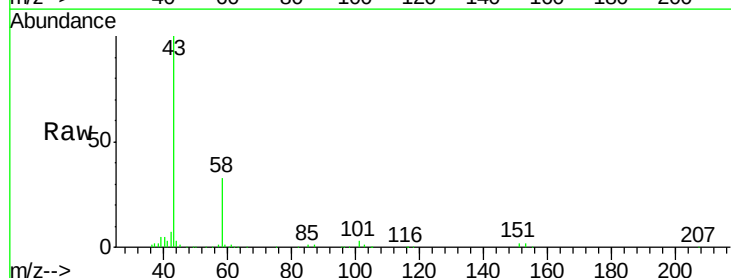
Acq: 25 Sep 2020 10:36

Tgt Ion: 43 Resp: 223759

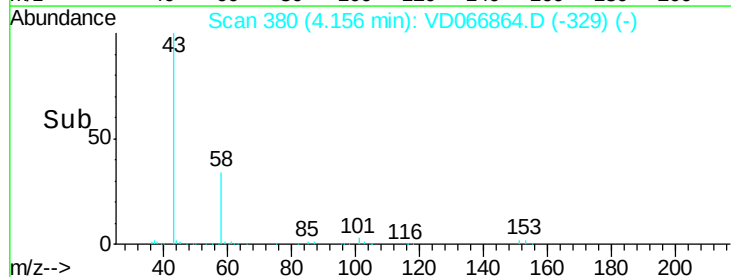
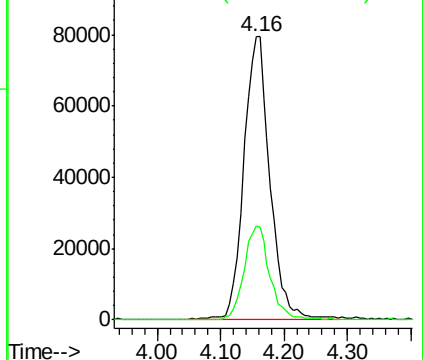
Ion Ratio Lower Upper

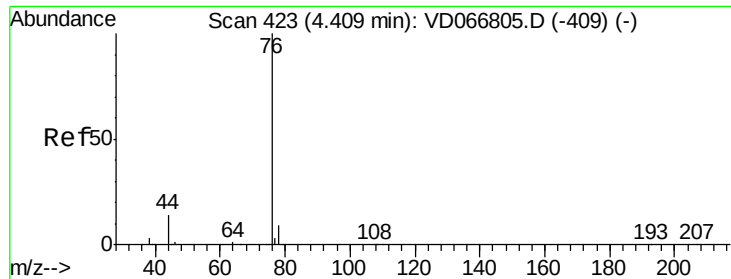
43 100

58 33.3 25.6 38.4



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





#17

Carbon Disulfide

Concen: 46.107 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

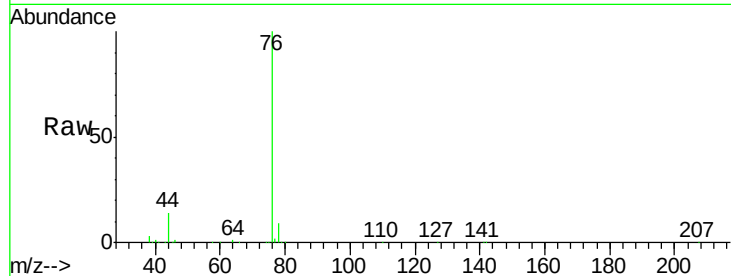
VSTDCCC050

Tgt Ion: 76 Resp: 571705

Ion Ratio Lower Upper

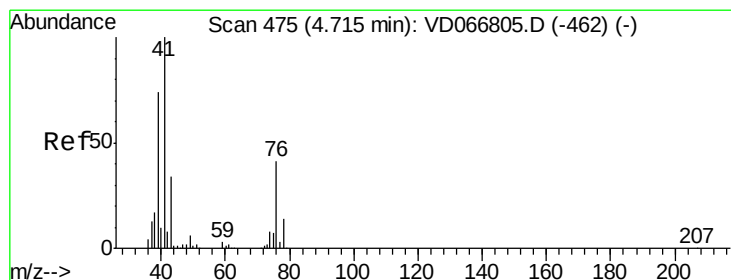
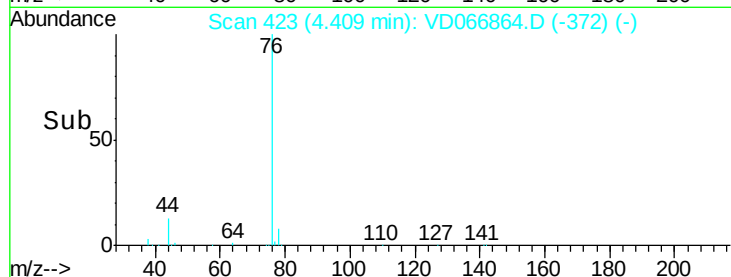
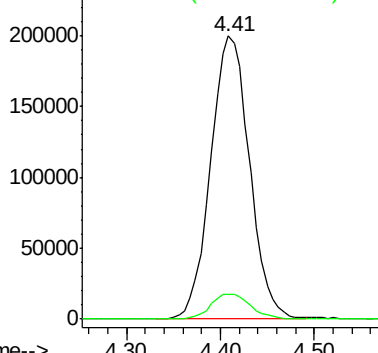
76 100

78 8.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 50.190 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066864.D

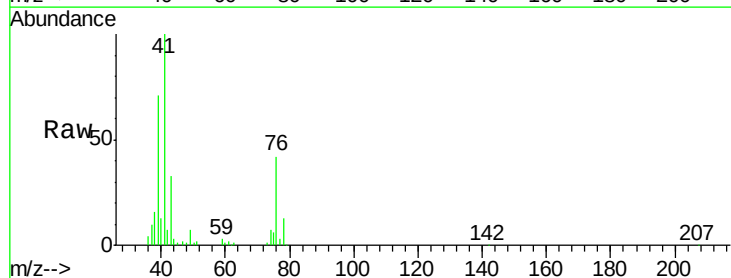
Acq: 25 Sep 2020 10:36

Tgt Ion: 43 Resp: 96278

Ion Ratio Lower Upper

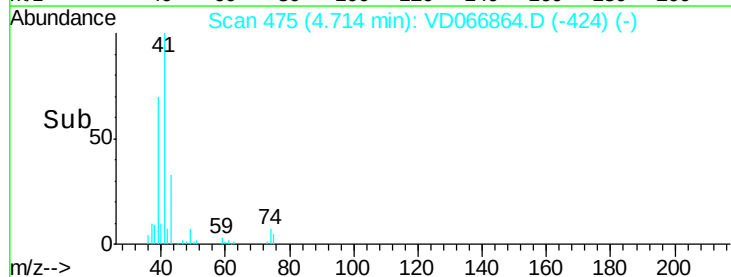
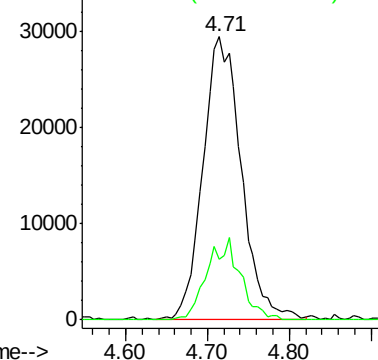
43 100

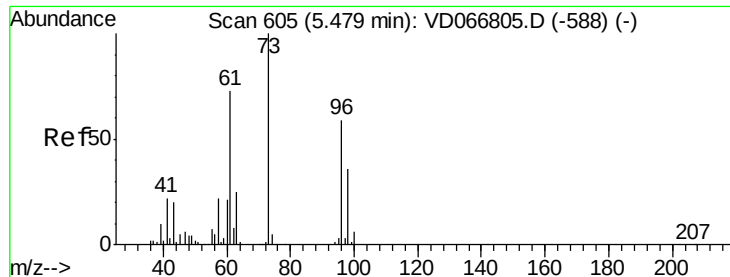
74 24.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

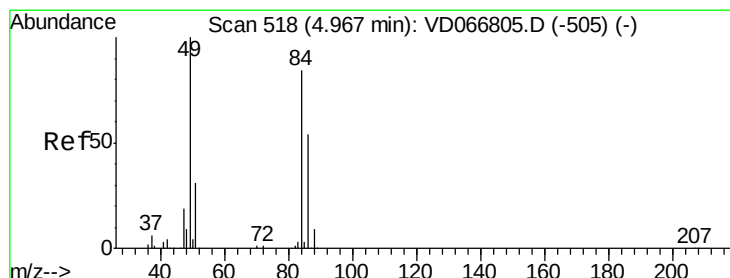
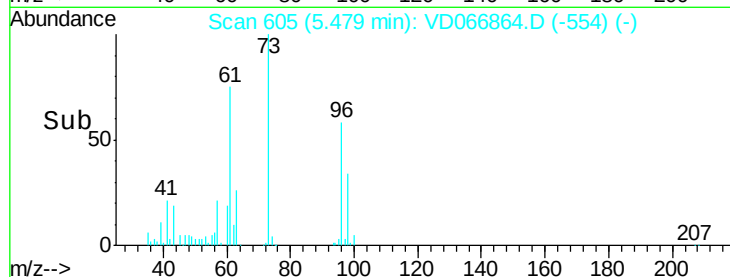
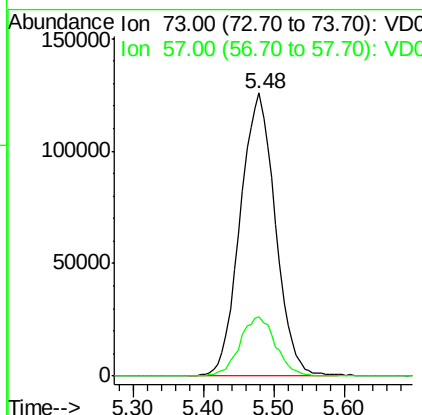
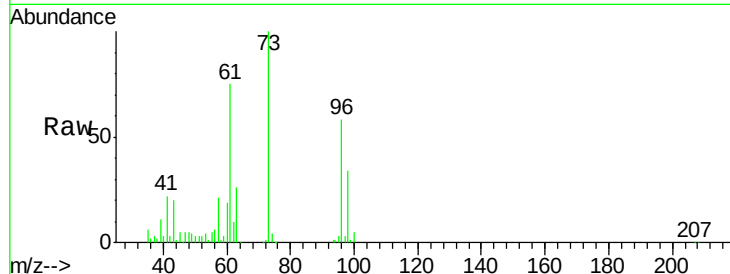




#19
Methyl tert-butyl Ether
Concen: 49.618 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

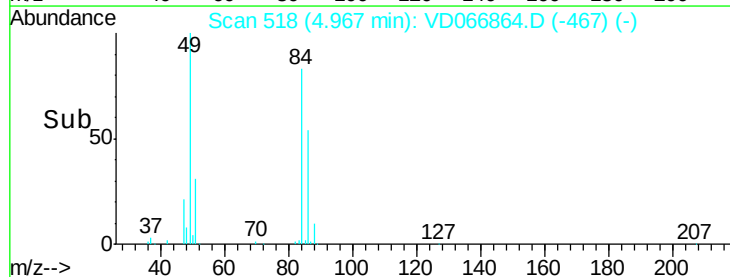
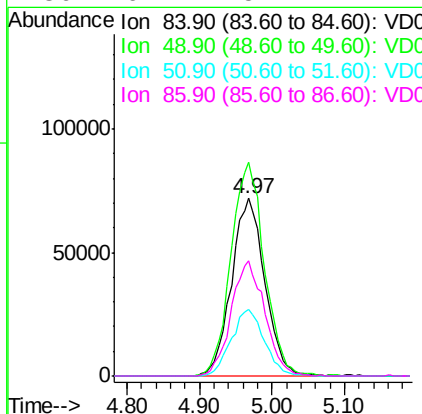
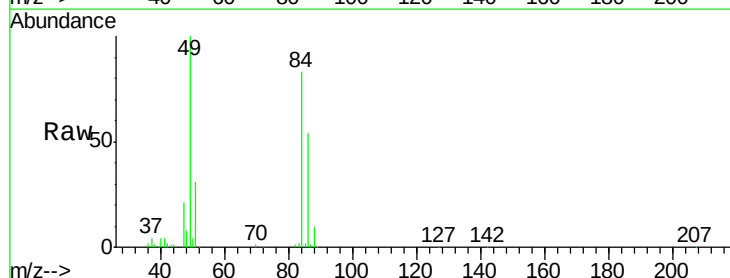
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

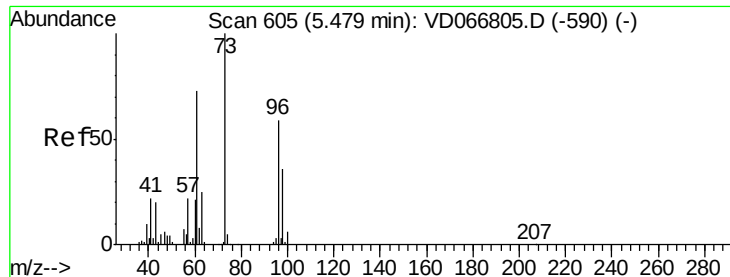
Tgt Ion: 73 Resp: 437029
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2



#20
Methylene Chloride
Concen: 49.389 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 84 Resp: 229554
Ion Ratio Lower Upper
84 100
49 120.2 95.4 143.2
51 37.4 29.7 44.5
86 64.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.025 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

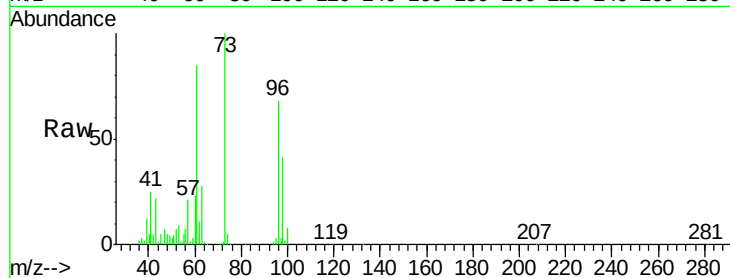
Tgt Ion: 96 Resp: 230230

Ion Ratio Lower Upper

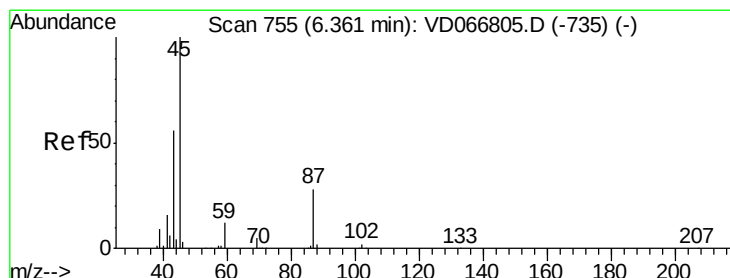
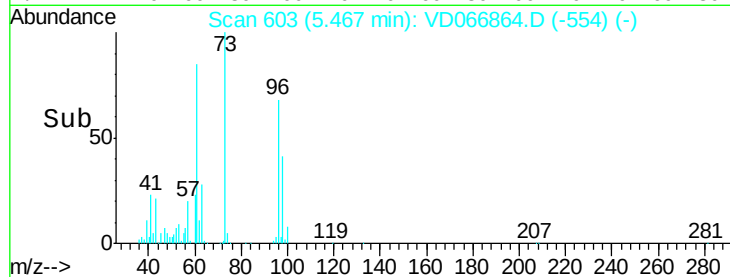
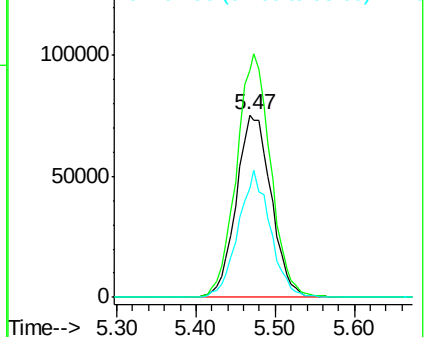
96 100

61 124.3 98.9 148.3

98 60.0 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 49.783 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion: 45 Resp: 609600

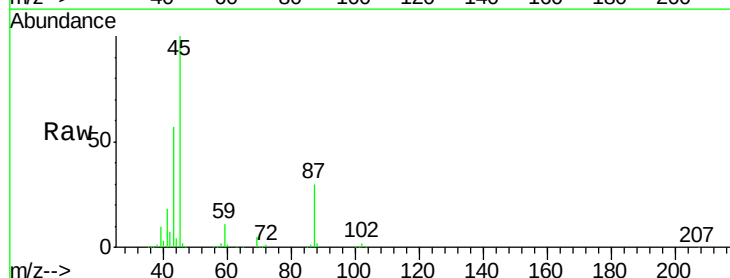
Ion Ratio Lower Upper

45 100

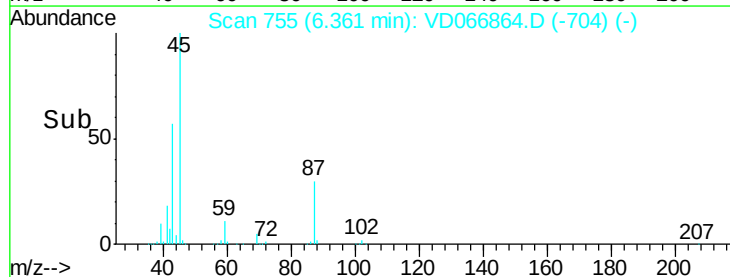
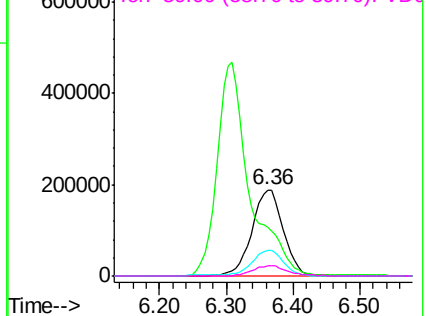
43 56.4 44.5 66.7

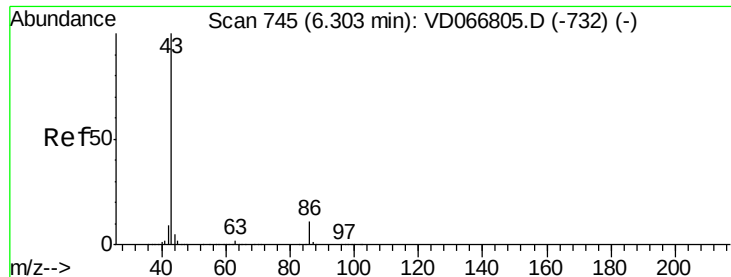
87 30.4 22.9 34.3

59 11.2 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 241.267 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

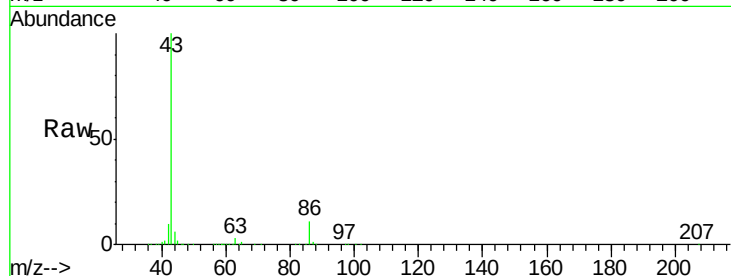
VSTDCCC050

Tgt Ion: 43 Resp: 1603385

Ion Ratio Lower Upper

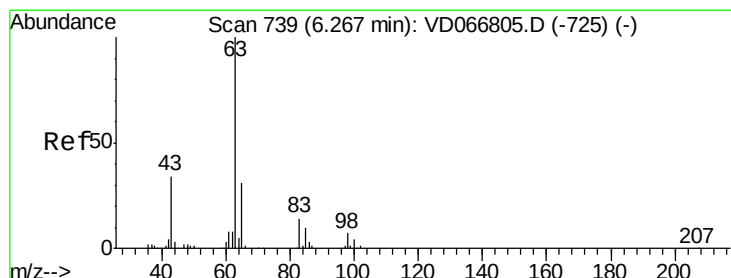
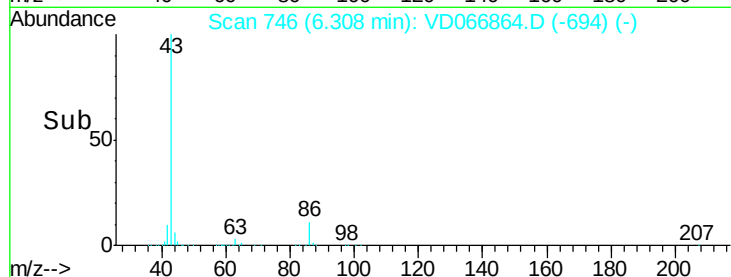
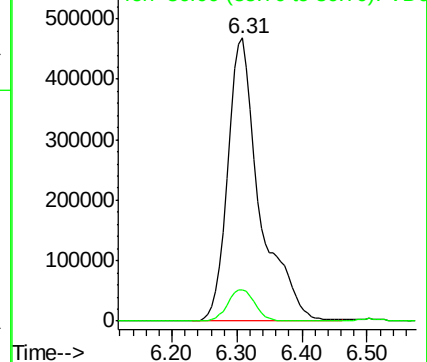
43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.578 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

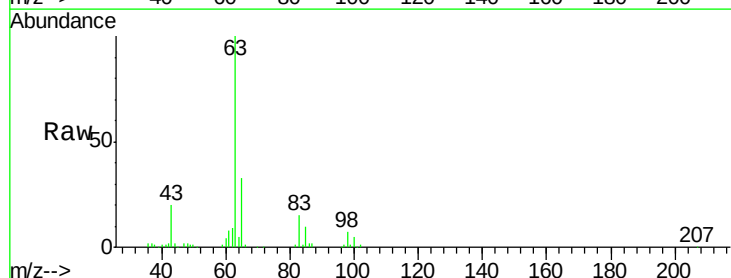
Tgt Ion: 63 Resp: 381560

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

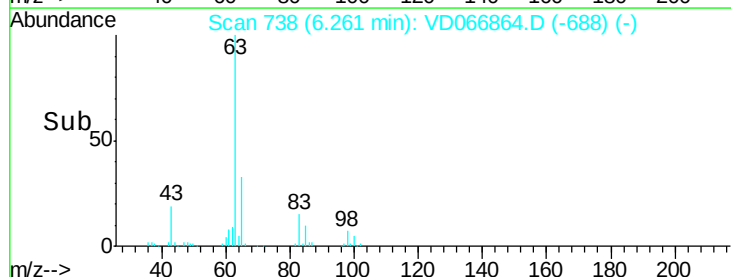
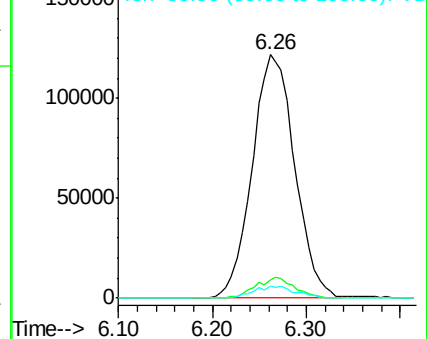
100 4.8 1.8 5.5

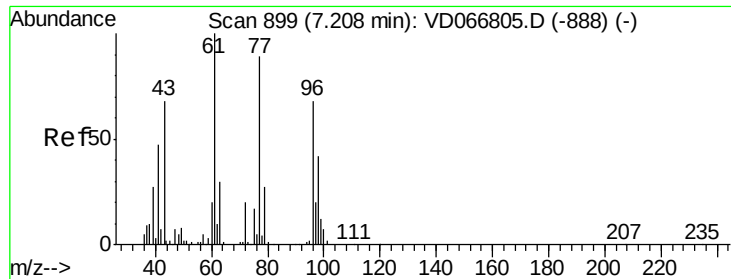


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

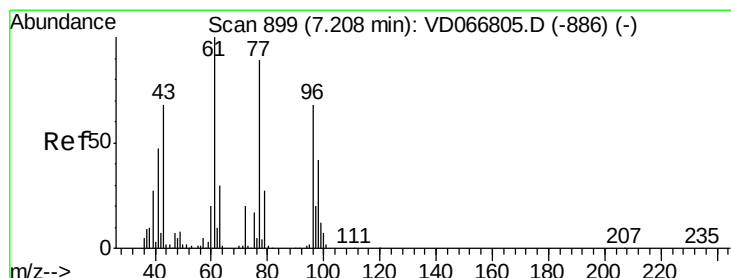
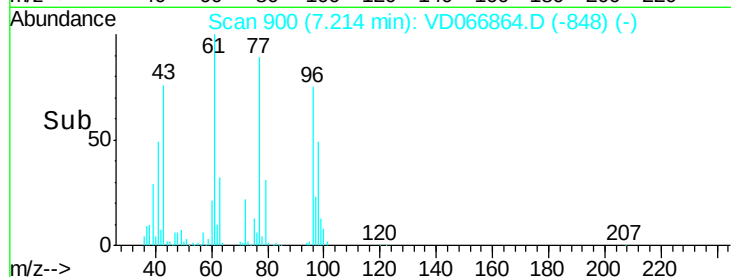
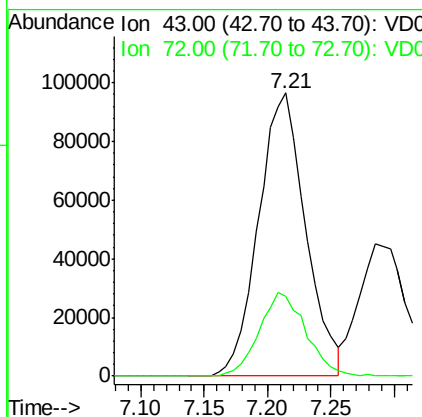
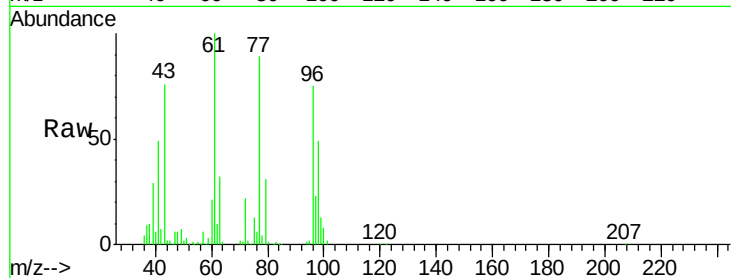




#25
2-Butanone
Concen: 241.273 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

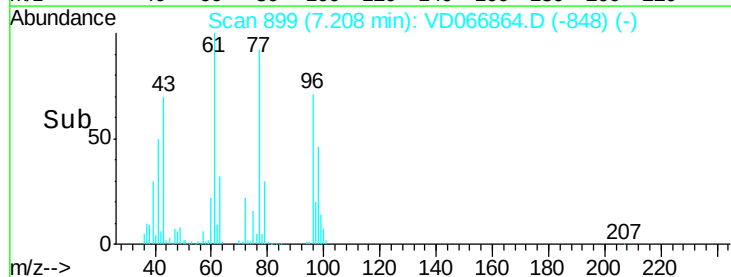
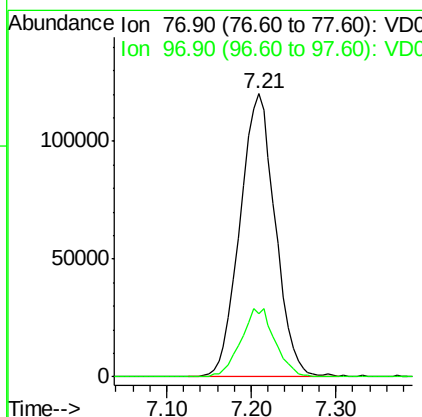
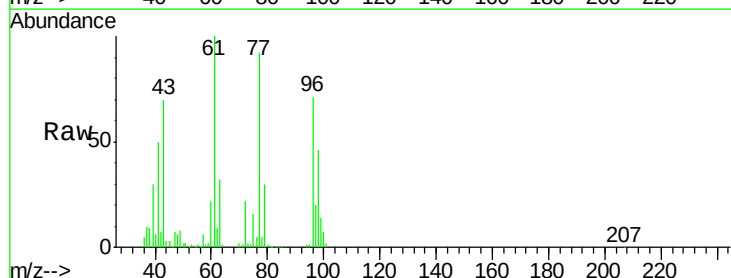
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

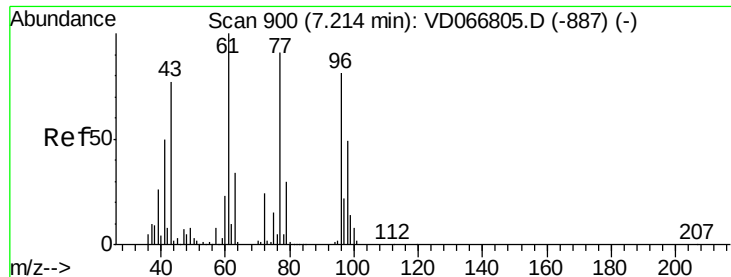
Tgt Ion: 43 Resp: 249343
Ion Ratio Lower Upper
43 100
72 28.4 22.9 34.3



#26
2,2-Dichloropropane
Concen: 46.467 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 77 Resp: 348891
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 49.133 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

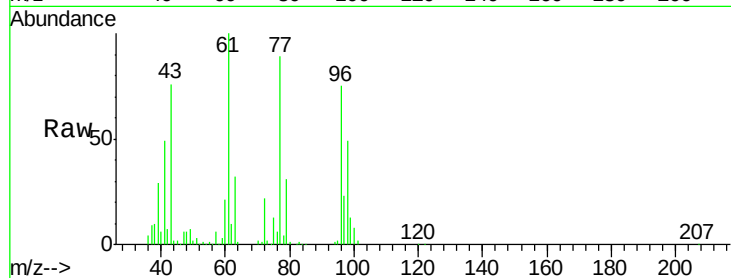
Tgt Ion: 96 Resp: 250701

Ion Ratio Lower Upper

96 100

61 141.0 0.0 283.8

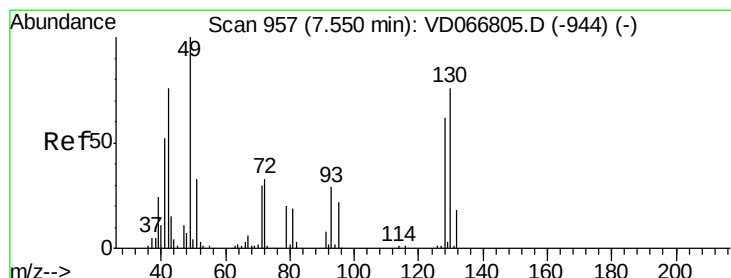
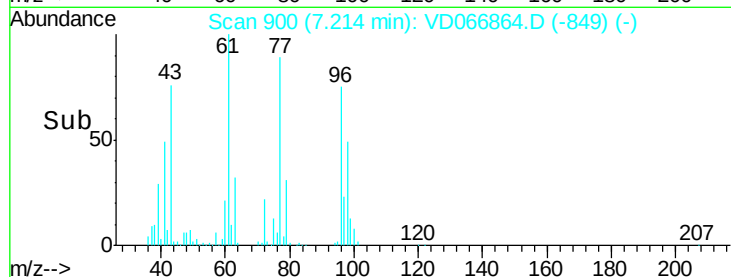
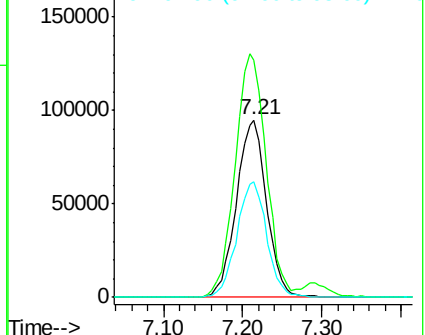
98 64.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 49.864 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

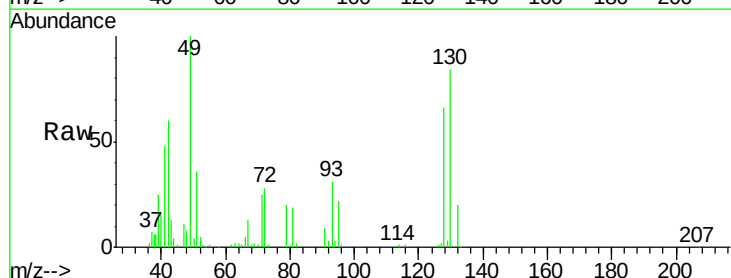
Tgt Ion: 49 Resp: 168755

Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.0#

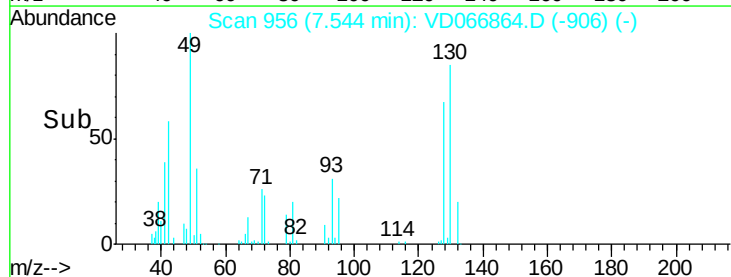
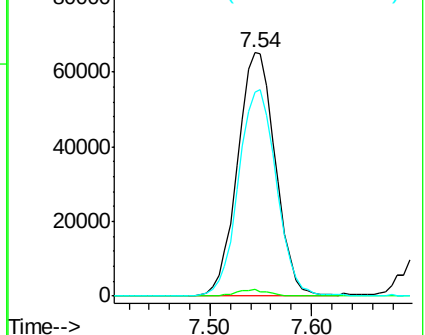
130 85.4 65.9 98.9

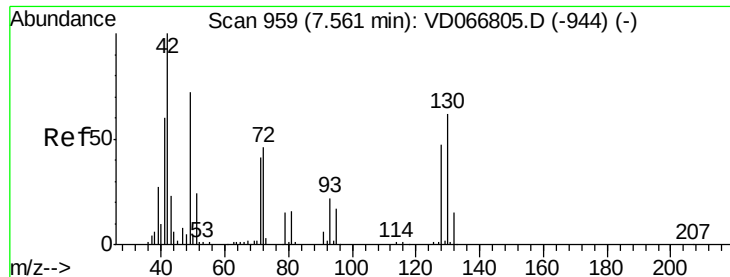


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

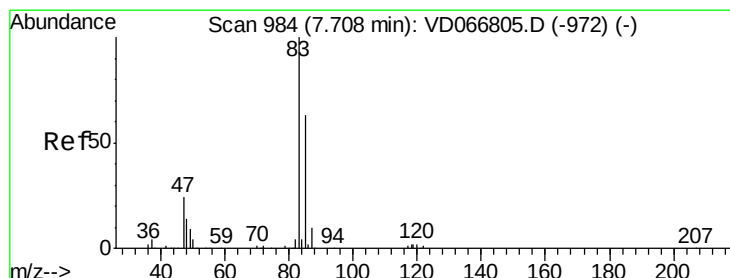
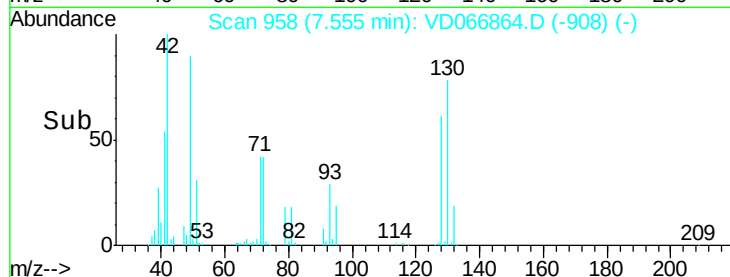
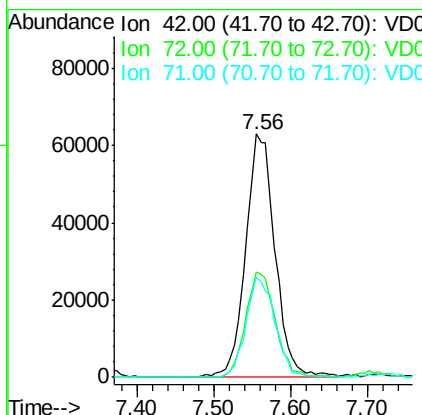
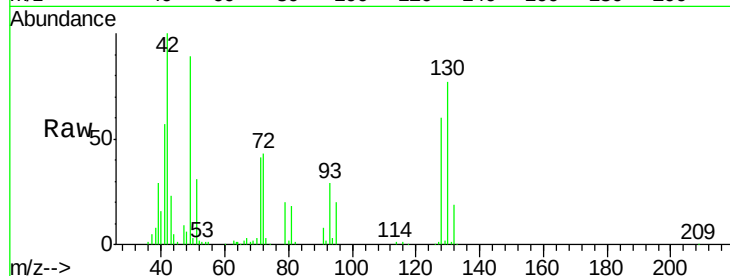




#29
Tetrahydrofuran
Concen: 254.179 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

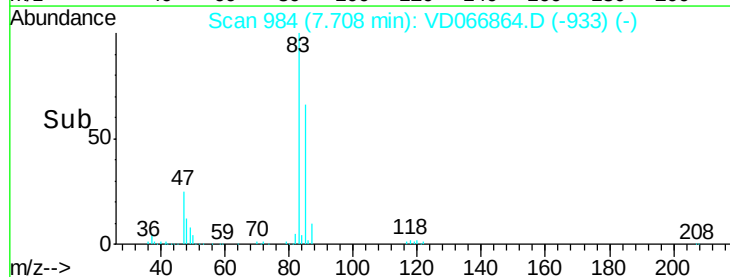
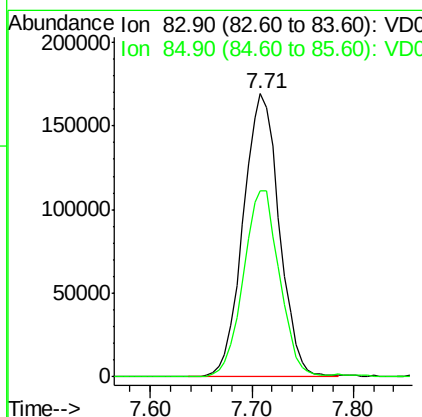
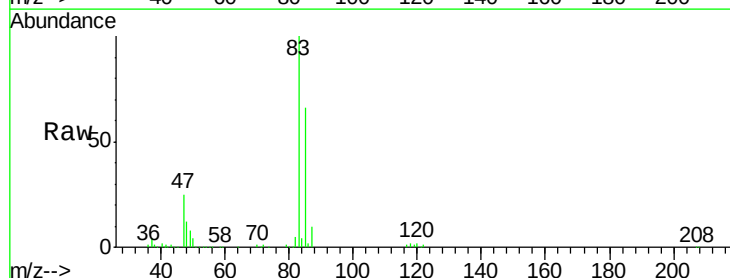
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

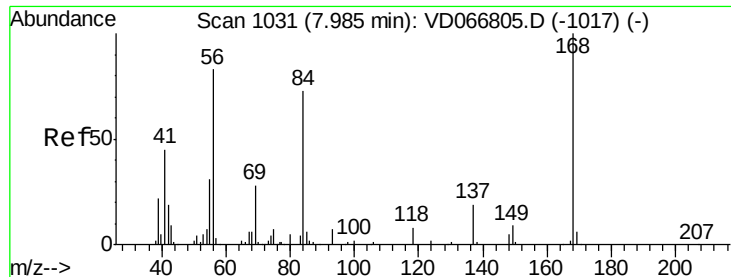
Tgt Ion: 42 Resp: 168313
Ion Ratio Lower Upper
42 100
72 43.9 36.2 54.4
71 40.8 32.4 48.6



#30
Chloroform
Concen: 47.285 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 83 Resp: 417540
Ion Ratio Lower Upper
83 100
85 65.7 50.6 75.8

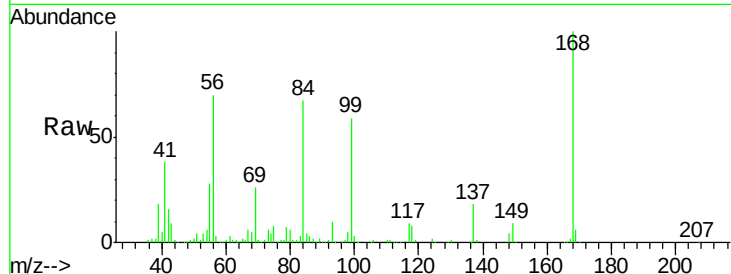




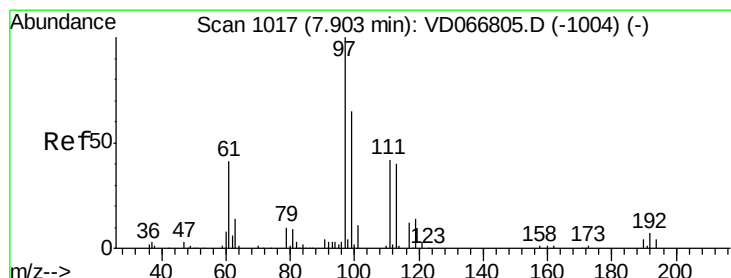
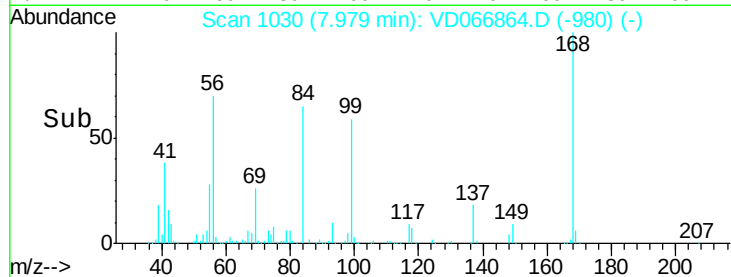
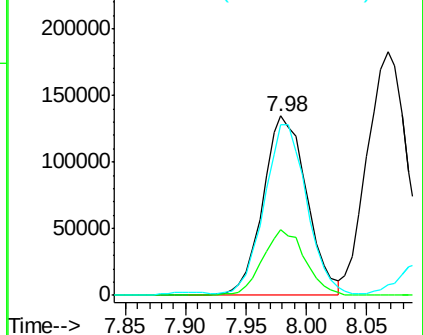
#31
Cyclohexane
Concen: 45.866 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 338074
Ion Ratio Lower Upper
56 100
69 36.4 27.0 40.4
84 93.0 70.2 105.4

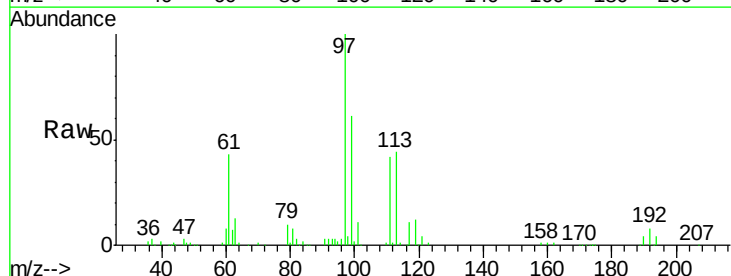


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

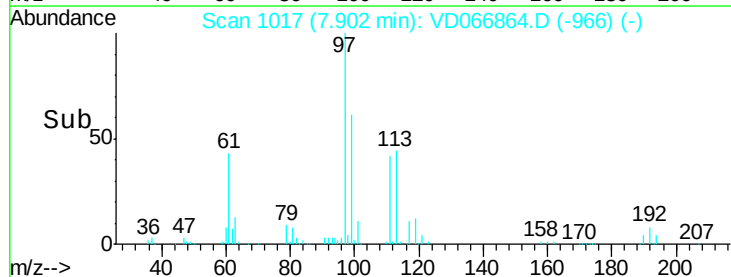
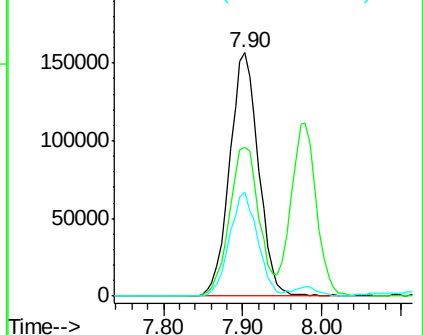


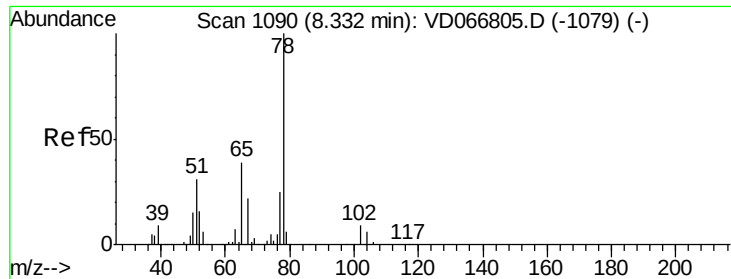
#32
1,1,1-Trichloroethane
Concen: 49.368 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 97 Resp: 394353
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 41.4 34.2 51.4



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

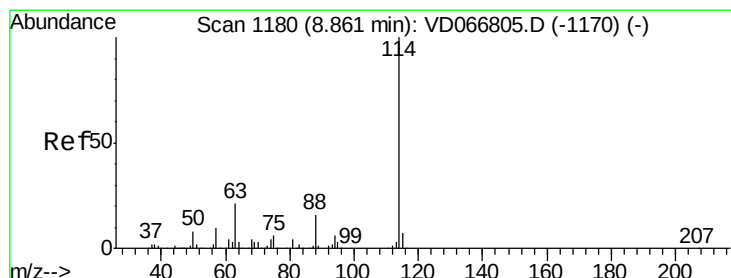
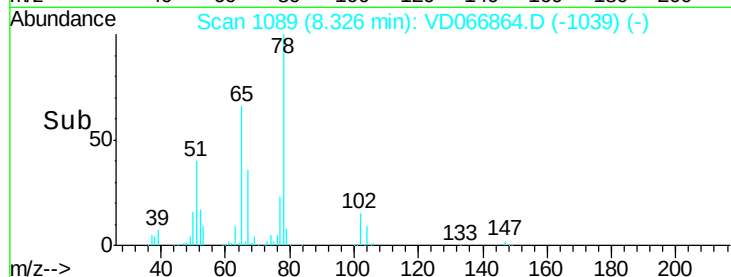
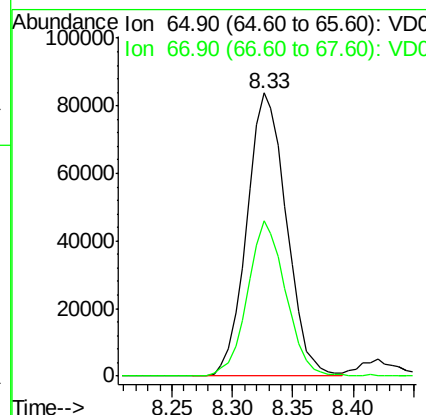
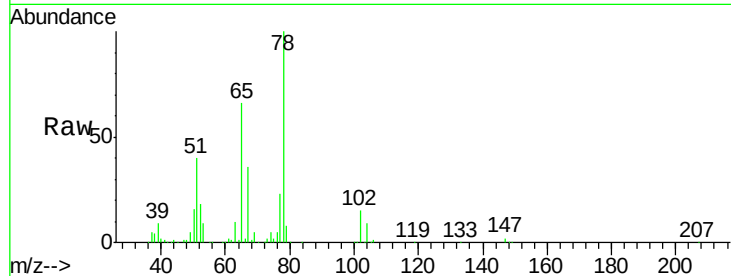




#33
 1,2-Dichloroethane-d4
 Concen: 47.356 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

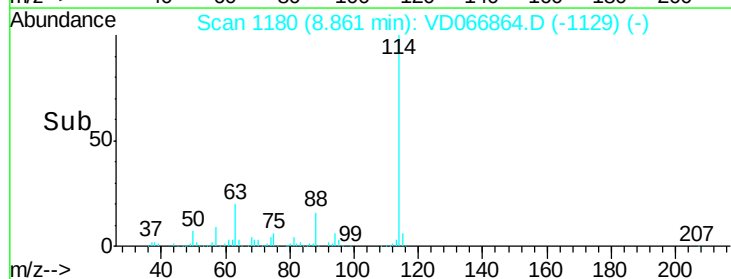
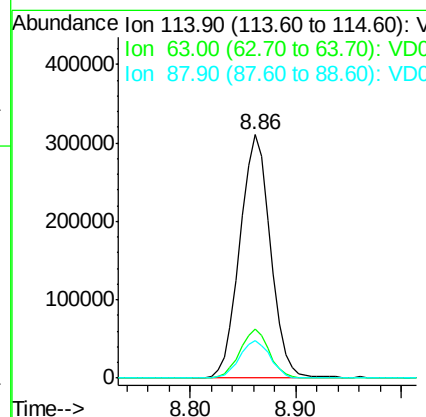
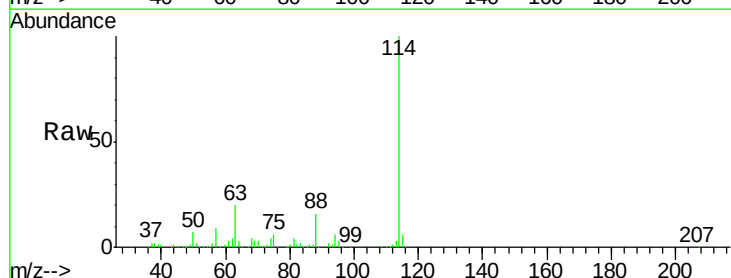
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

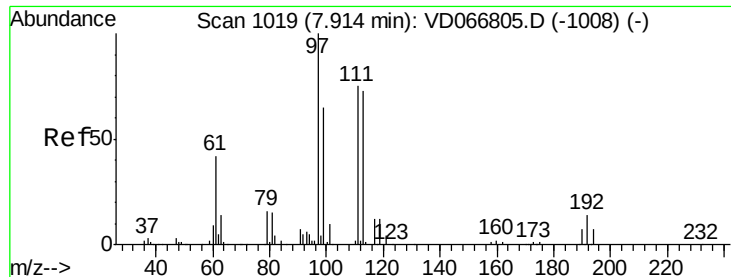
Tgt Ion: 65 Resp: 191975
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion: 114 Resp: 623544
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.6
 88 15.6 0.0 32.6

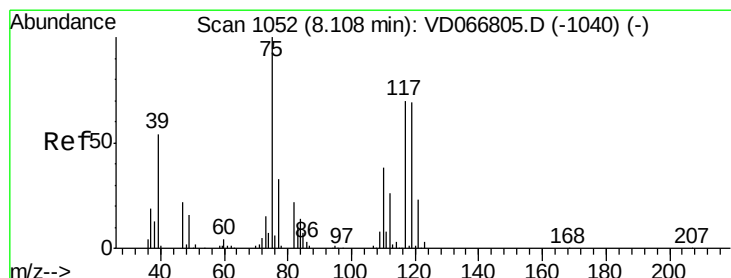
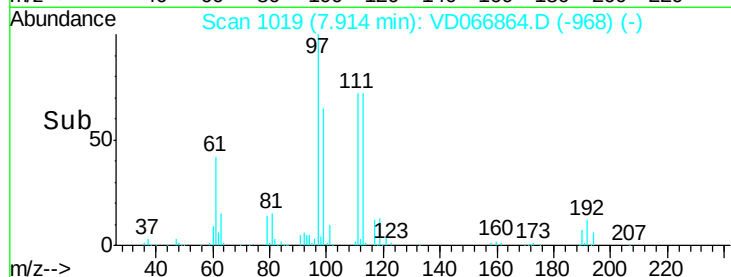
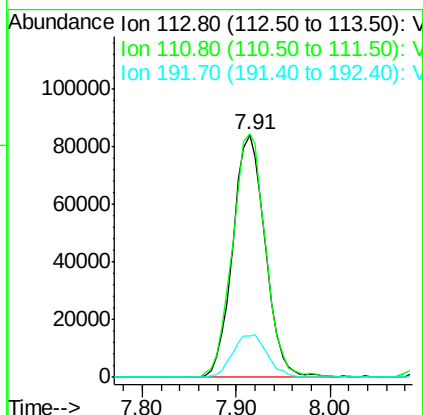
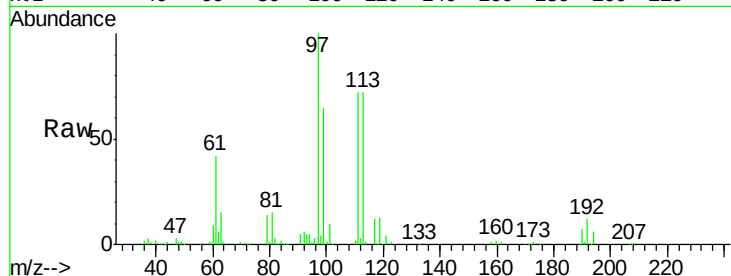




#35
 Dibromofluoromethane
 Concen: 50.717 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

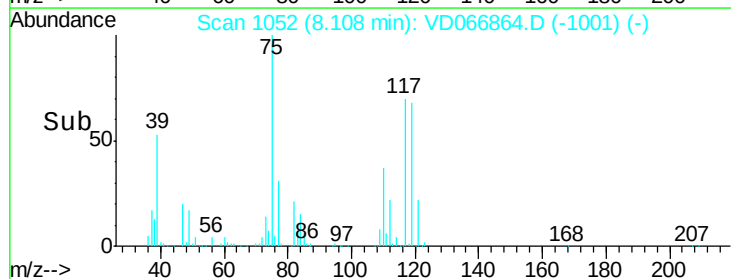
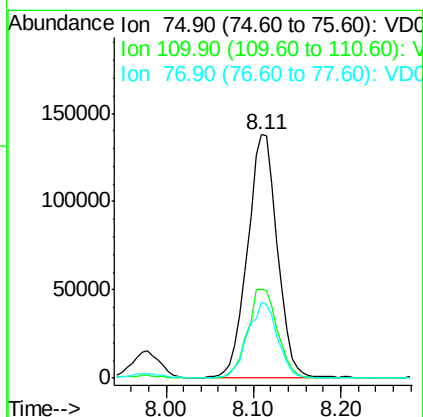
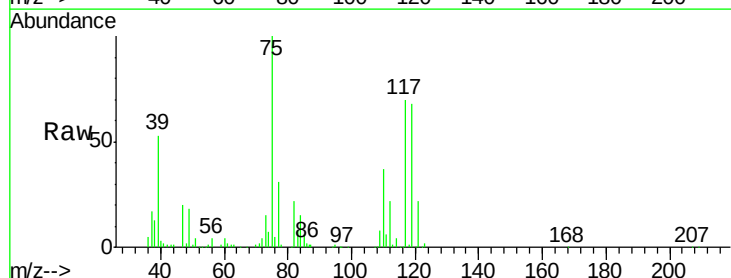
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

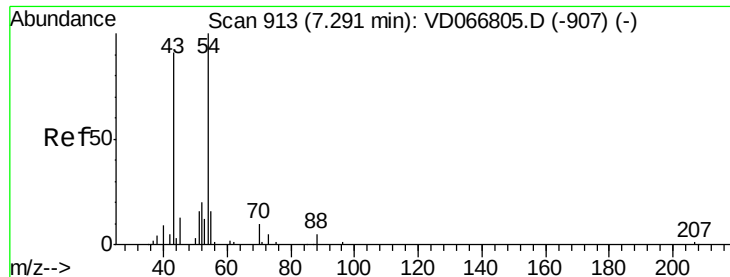
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	18.7	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 51.808 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.9	53.8
77	31.4	25.0	37.6

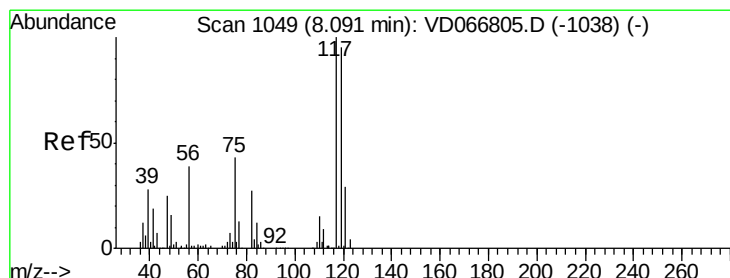
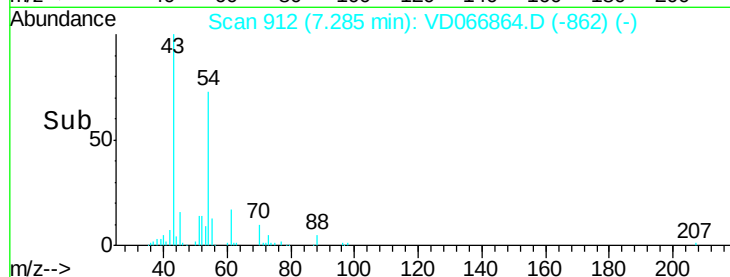
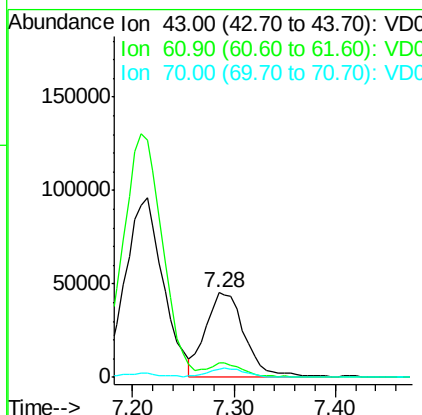
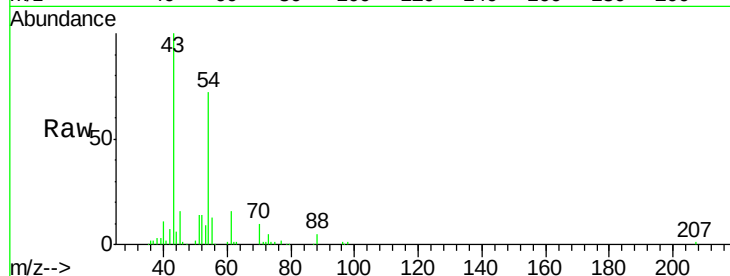




#37
Ethyl Acetate
Concen: 53.441 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

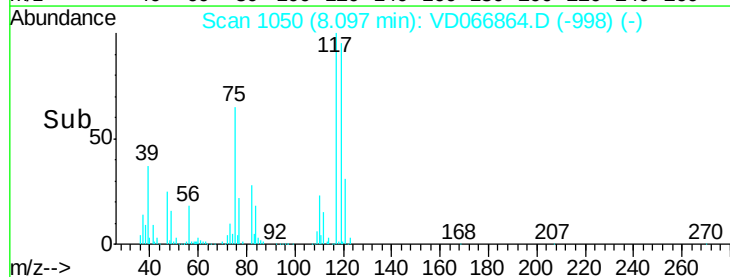
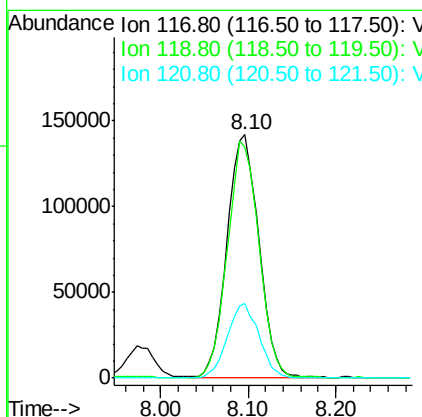
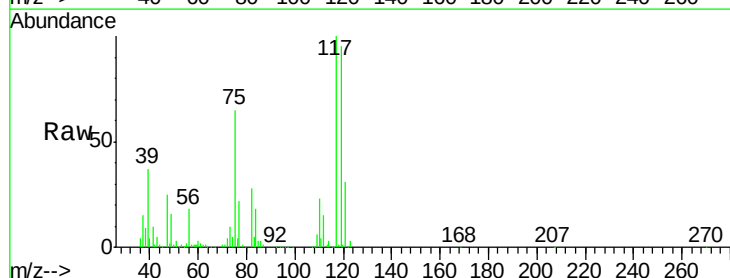
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

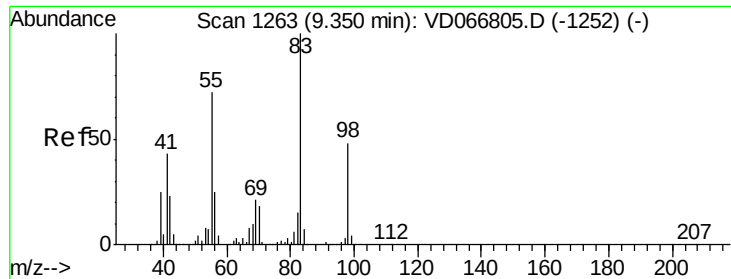
Tgt Ion: 43 Resp: 119510
Ion Ratio Lower Upper
43 100
61 14.5 9.8 14.8
70 10.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 52.079 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 117 Resp: 352218
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
121 30.7 23.4 35.0

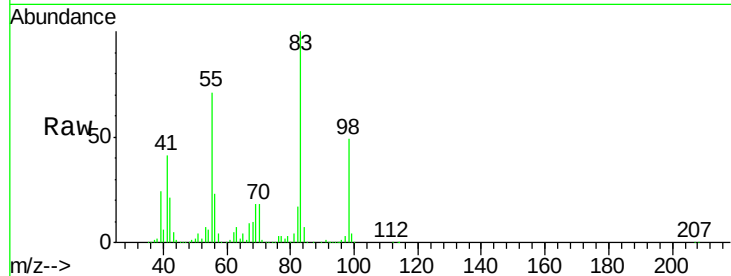




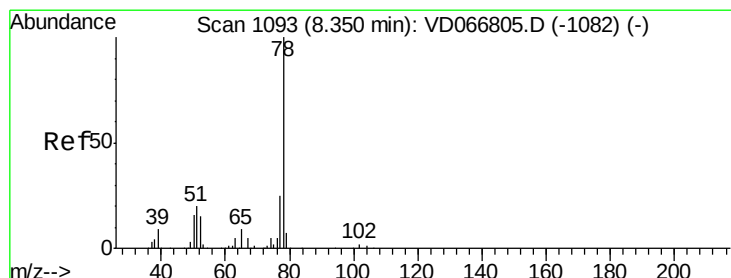
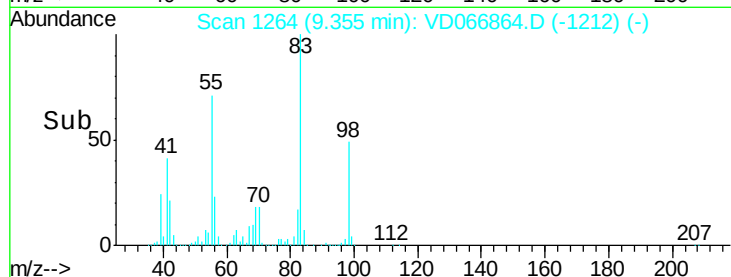
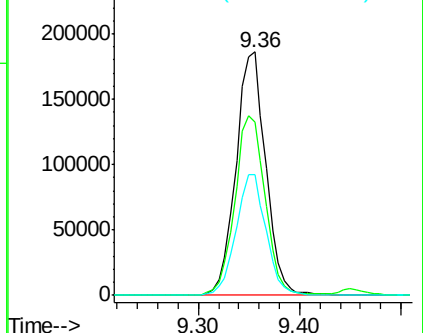
#39
Methylcyclohexane
Concen: 53.617 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 380814
Ion Ratio Lower Upper
83 100
55 71.1 57.7 86.5
98 49.4 38.4 57.6

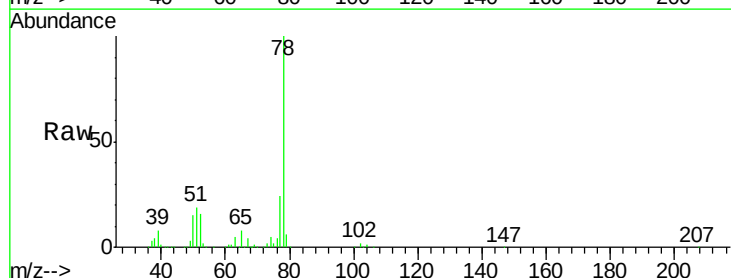


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

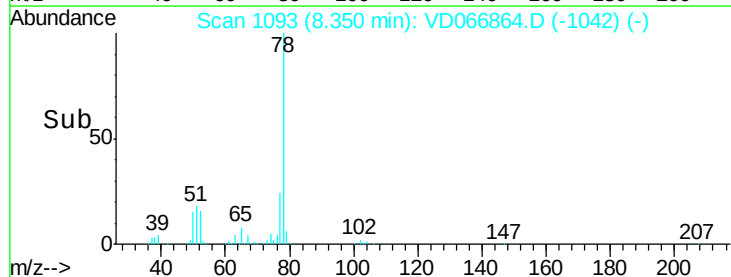
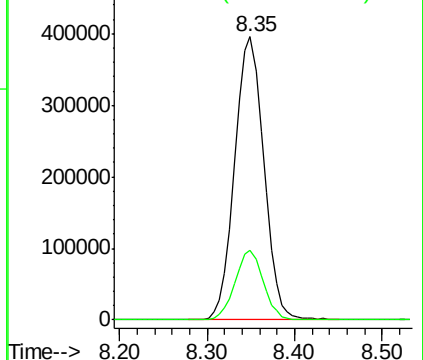


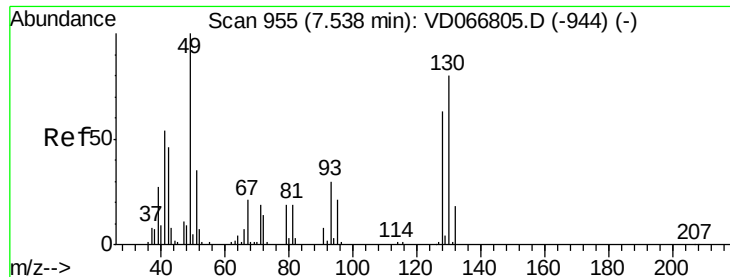
#40
Benzene
Concen: 51.756 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 78 Resp: 892302
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

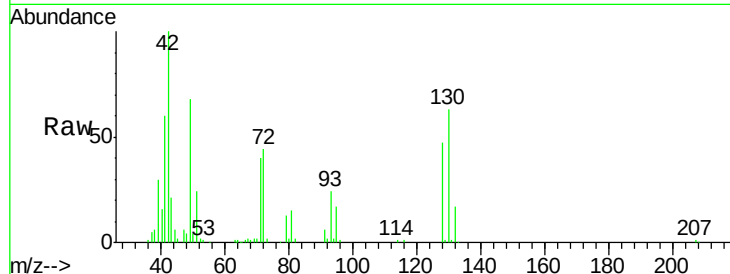




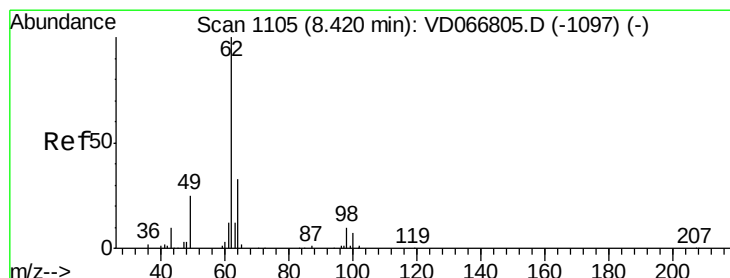
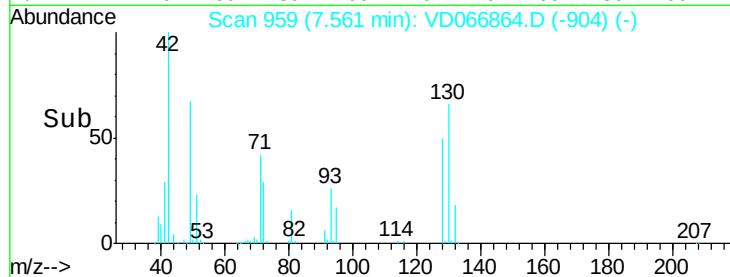
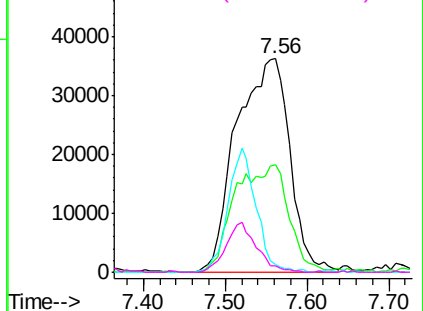
#41
Methacrylonitrile
Concen: 119.173 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	163894
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

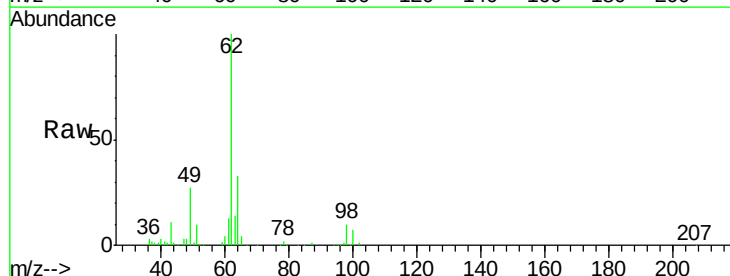


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

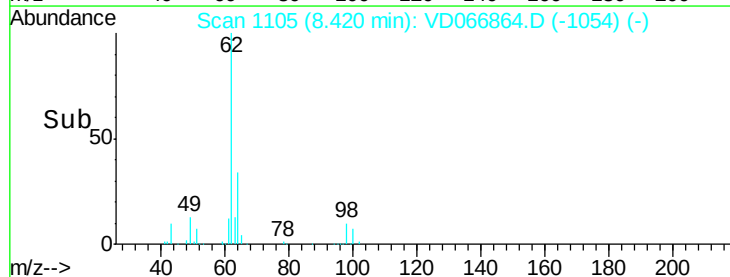
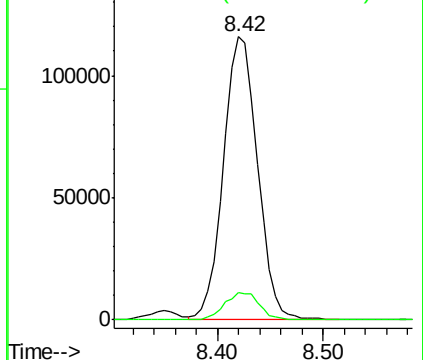


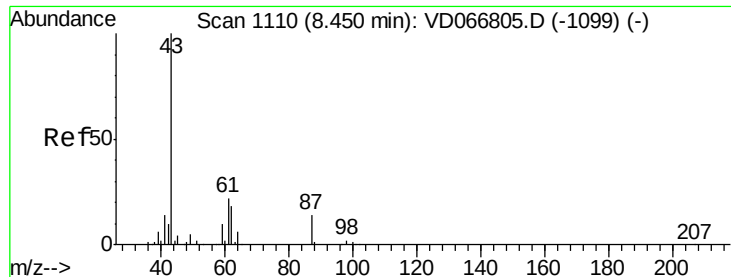
#42
1,2-Dichloroethane
Concen: 50.606 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion:	62	Resp:	257925
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 50.810 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

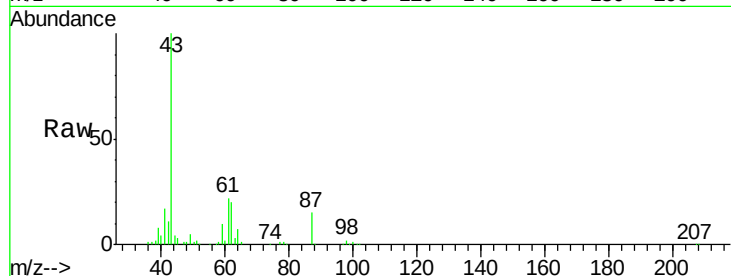
Tgt Ion: 43 Resp: 219069

Ion Ratio Lower Upper

43 100

61 33.2 26.2 39.4

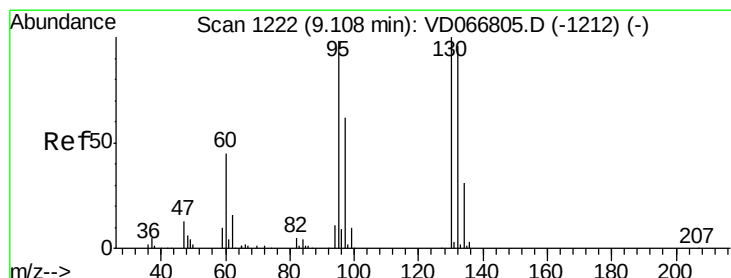
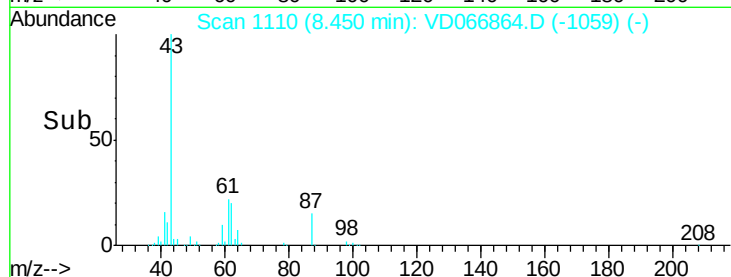
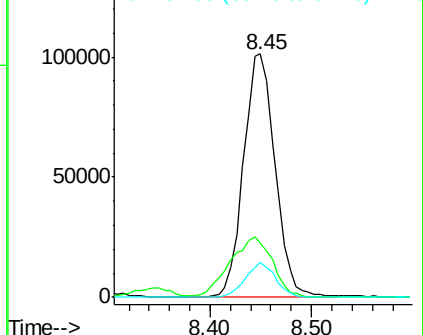
87 13.8 11.5 17.3



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: 51.419 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066864.D

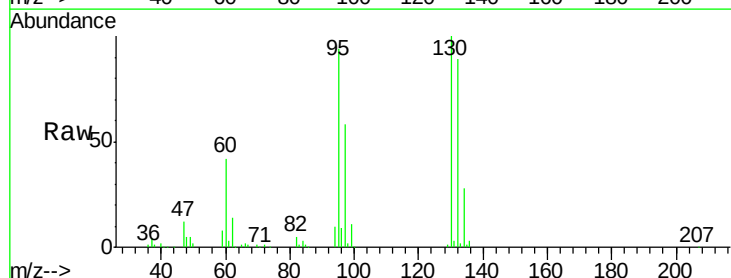
Acq: 25 Sep 2020 10:36

Tgt Ion: 130 Resp: 252679

Ion Ratio Lower Upper

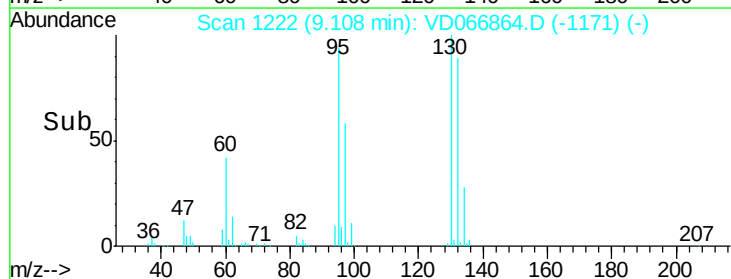
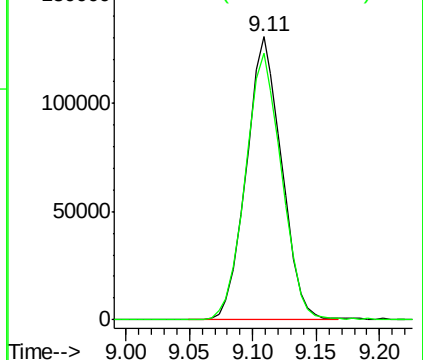
130 100

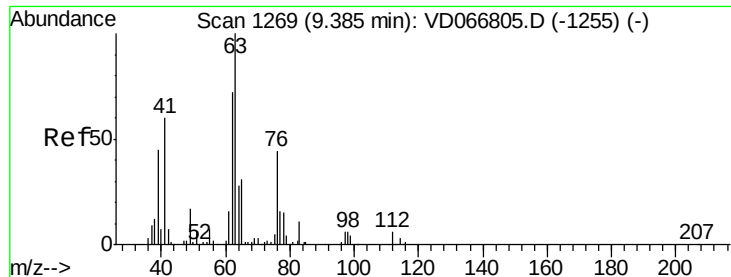
95 94.2 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

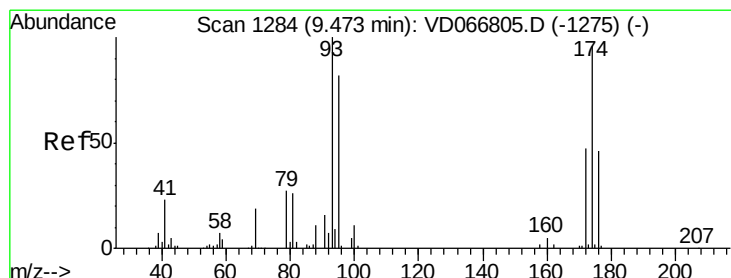
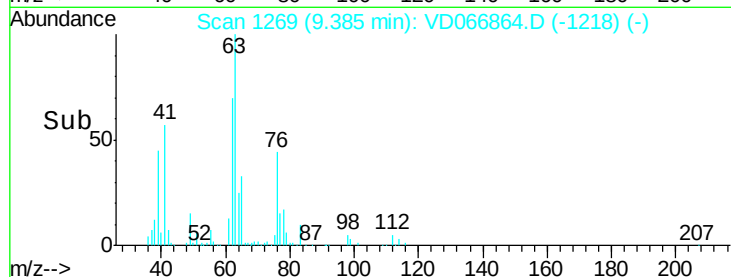
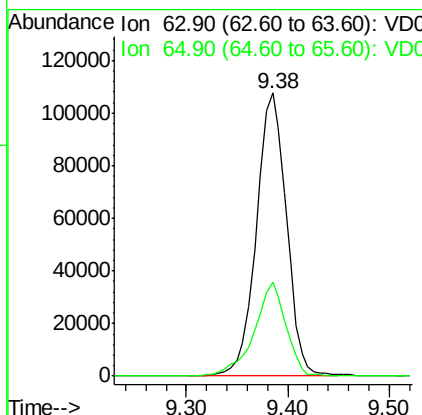
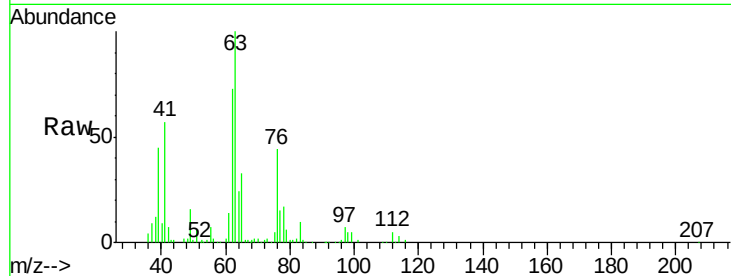




#45
 1,2-Dichloropropane
 Concen: 51.160 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

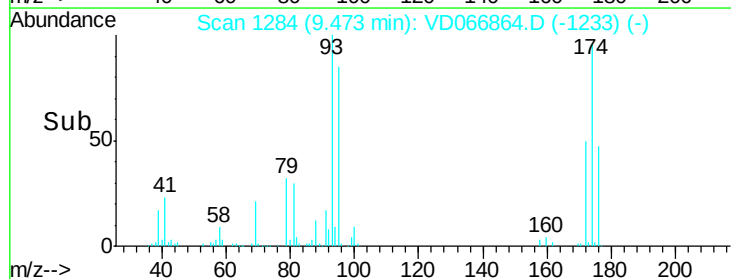
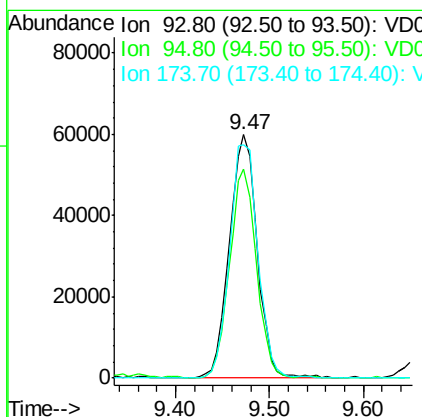
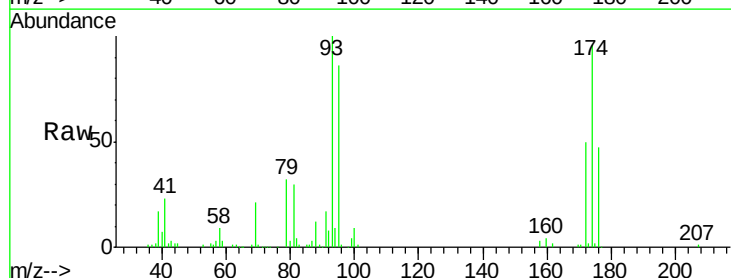
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

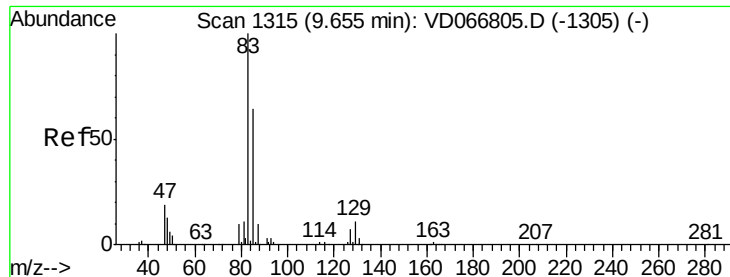
Tgt Ion: 63 Resp: 221916
 Ion Ratio Lower Upper
 63 100
 65 33.3 24.7 37.1



#46
 Dibromomethane
 Concen: 52.350 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion: 93 Resp: 123377
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.3 97.9
 174 97.9 75.4 113.2





#47

Bromodichloromethane

Concen: 52.136 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

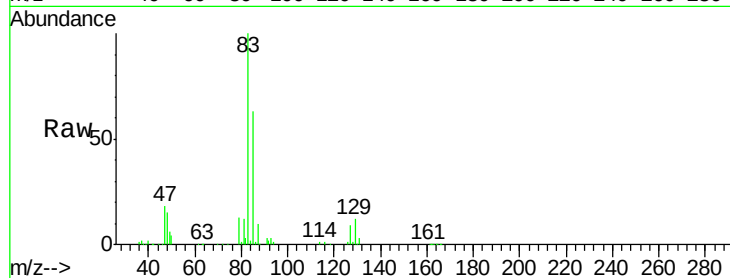
Tgt Ion: 83 Resp: 330077

Ion Ratio Lower Upper

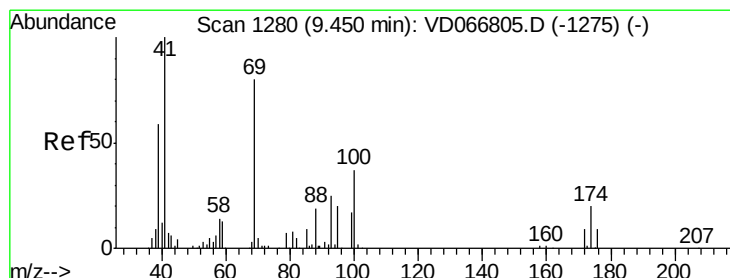
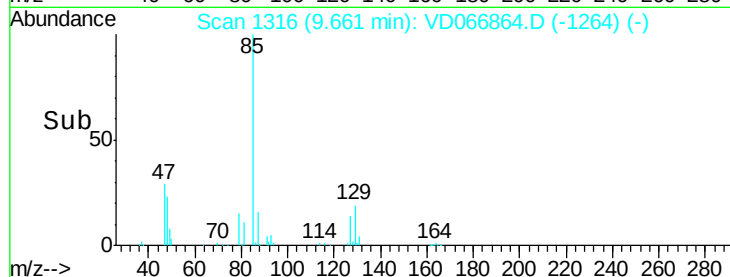
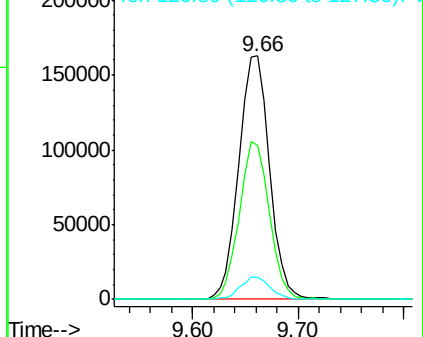
83 100

85 63.2 50.9 76.3

127 8.9 5.9 8.9#



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): V



#48

Methyl methacrylate

Concen: 55.715 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

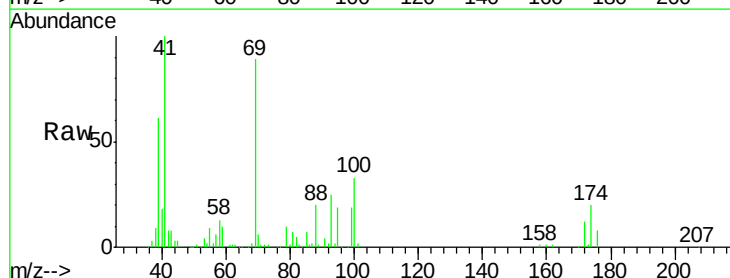
Tgt Ion: 41 Resp: 118437

Ion Ratio Lower Upper

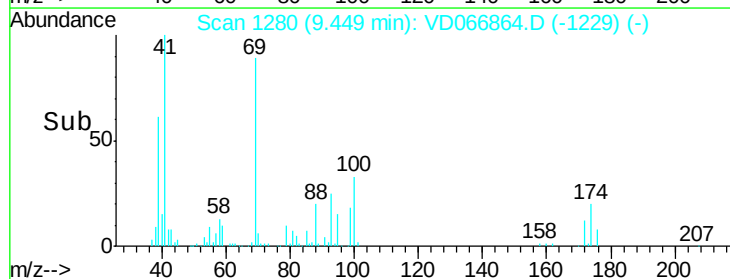
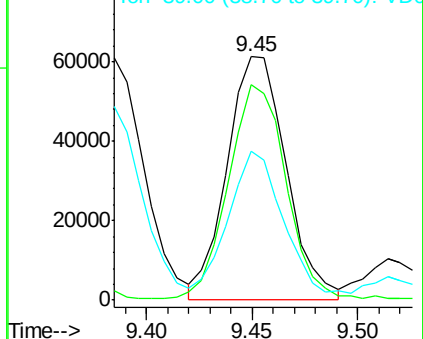
41 100

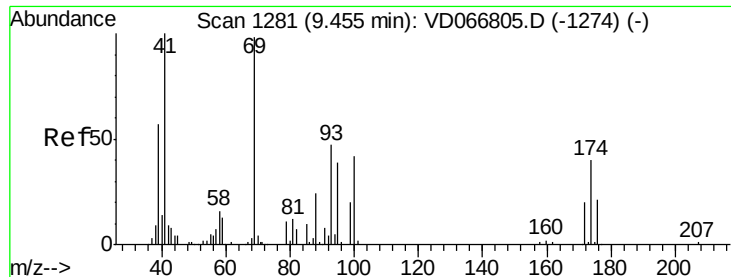
69 88.3 74.5 111.7

39 52.8 47.0 70.6



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

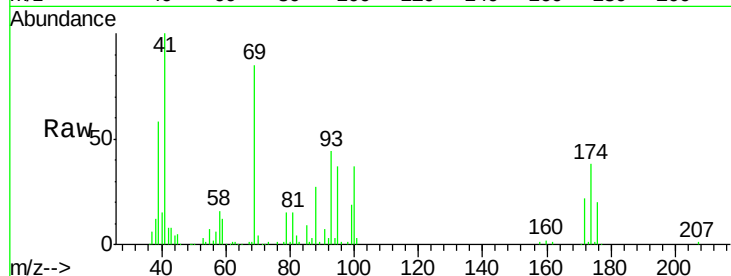




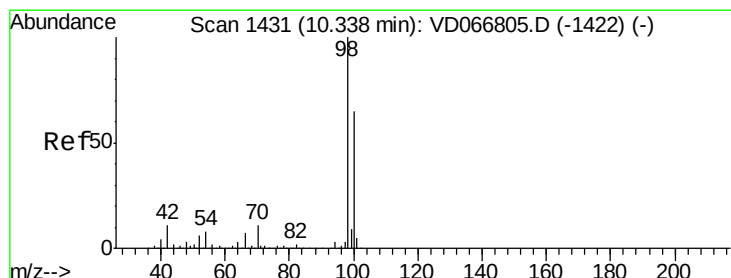
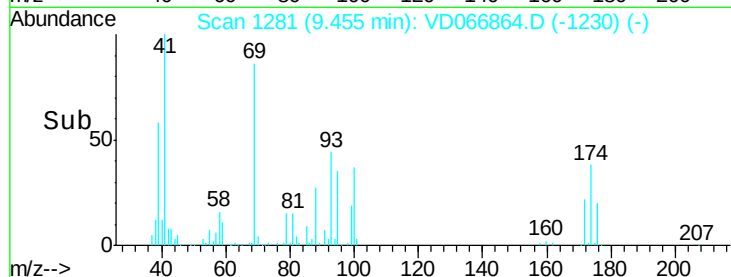
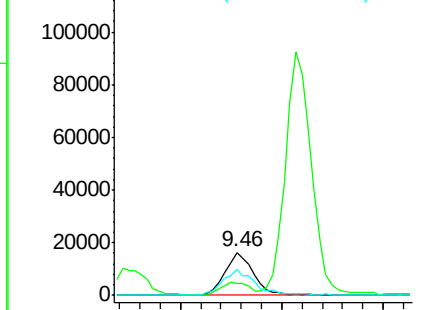
#49
 1,4-Dioxane
 Concen: 1219.884 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 31994
 Ion Ratio Lower Upper
 88 100
 43 31.1 27.7 41.5
 58 68.0 55.5 83.3

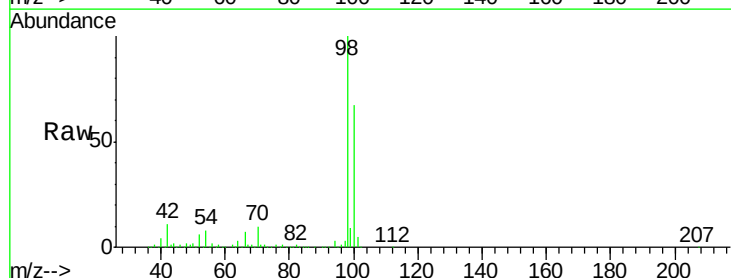


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

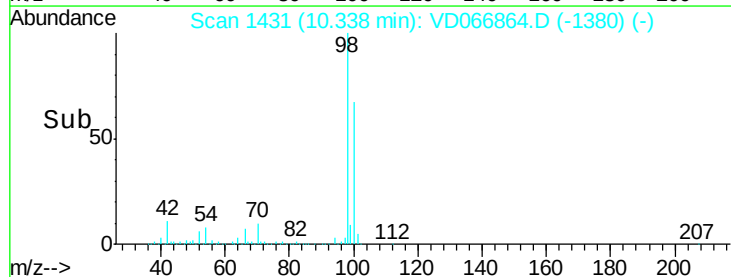
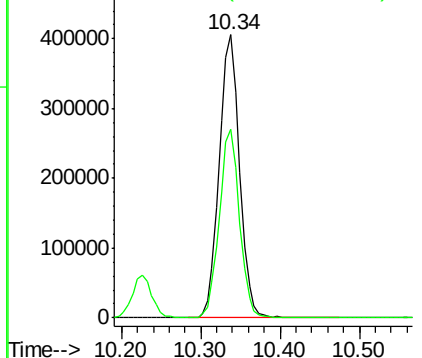


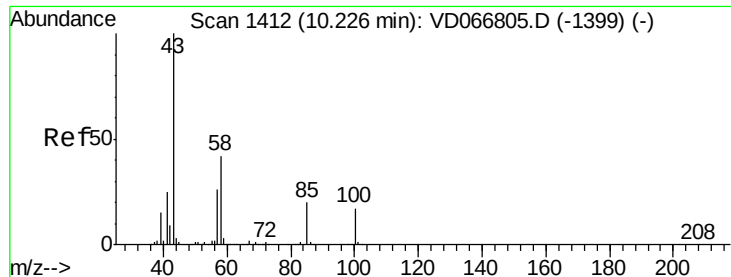
#50
 Toluene-d8
 Concen: 53.333 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion: 98 Resp: 720863
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.2 78.2



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: 270.168 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

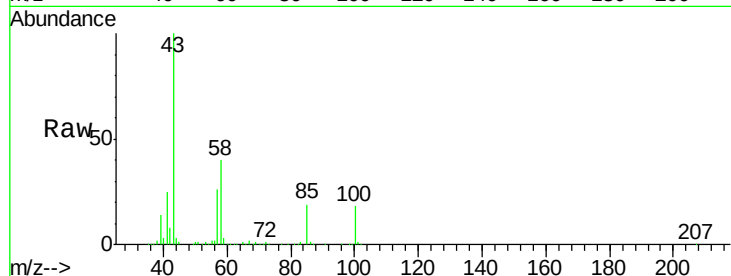
VSTDCCC050

Tgt Ion: 43 Resp: 590225

Ion Ratio Lower Upper

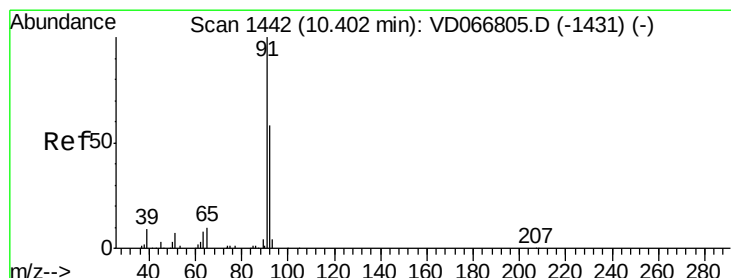
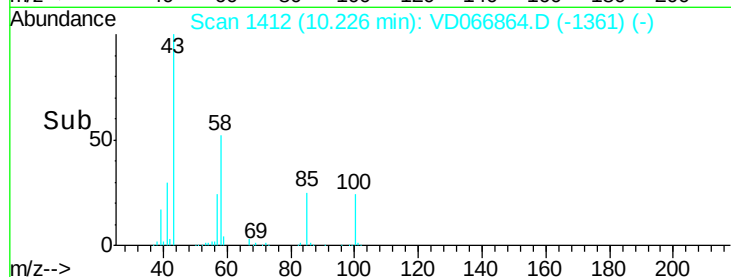
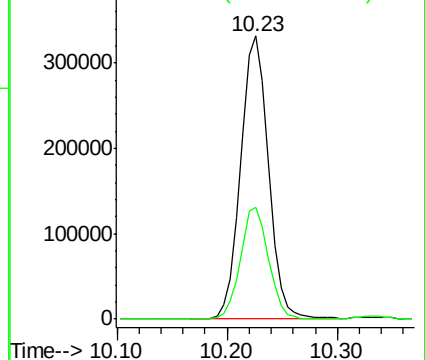
43 100

58 40.0 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 53.327 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066864.D

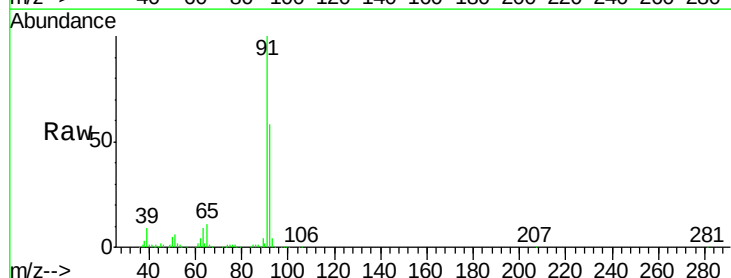
Acq: 25 Sep 2020 10:36

Tgt Ion: 92 Resp: 592206

Ion Ratio Lower Upper

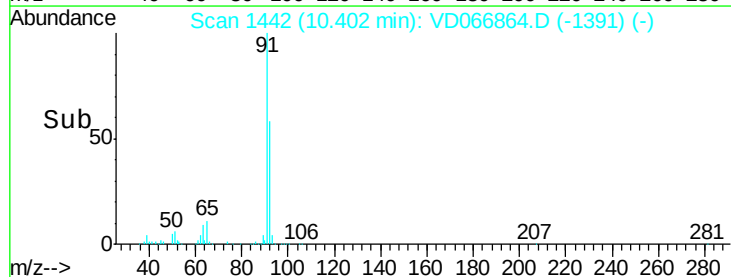
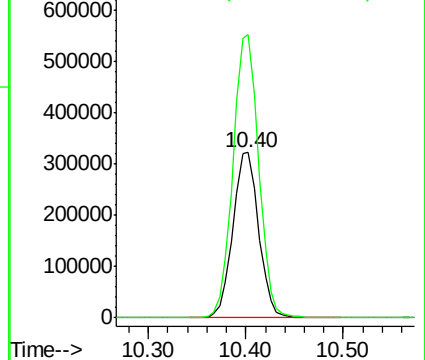
92 100

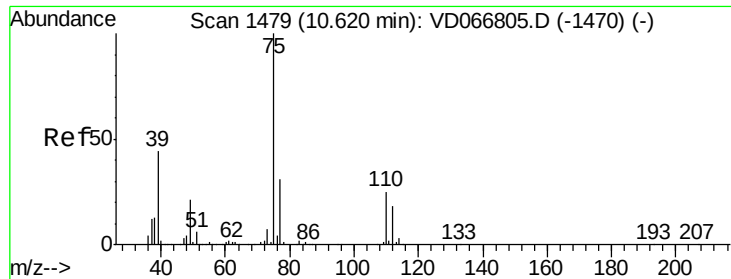
91 170.3 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 53.520 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

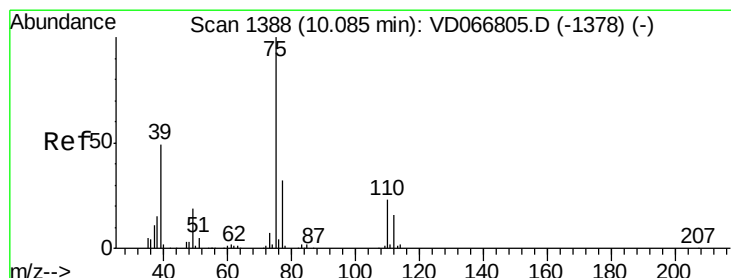
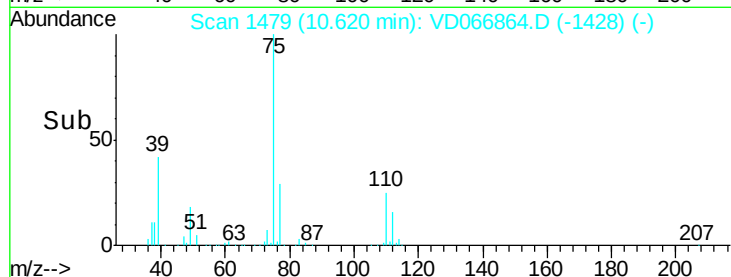
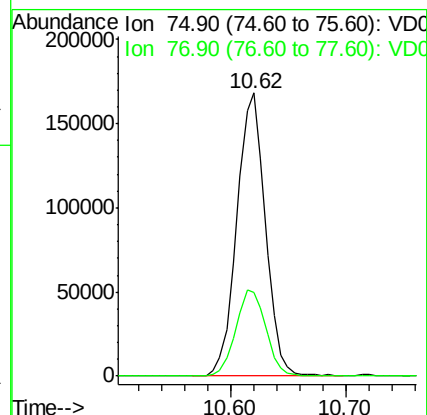
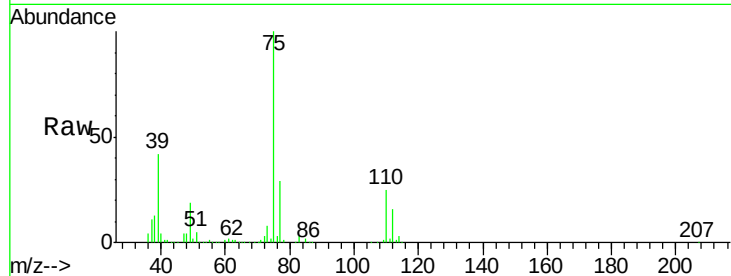
VSTDCCC050

Tgt Ion: 75 Resp: 288398

Ion Ratio Lower Upper

75 100

77 29.4 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 53.425 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

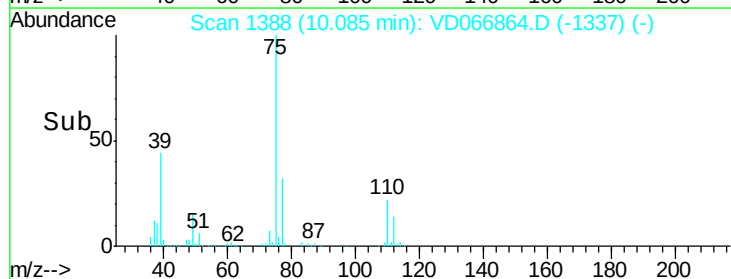
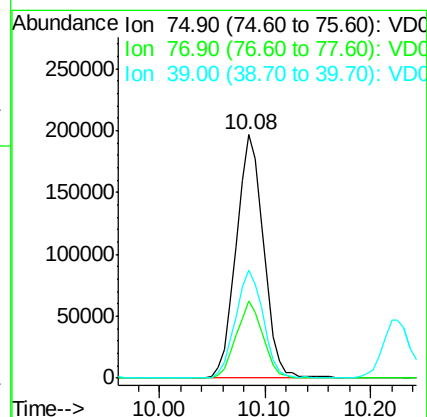
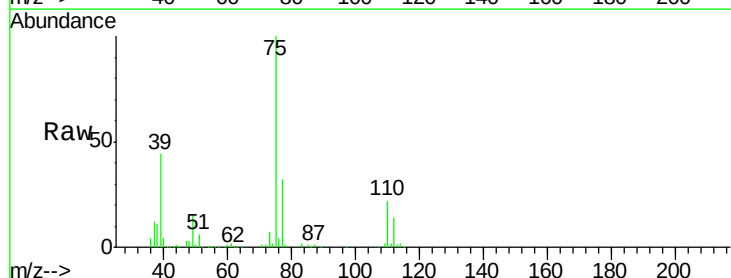
Tgt Ion: 75 Resp: 351031

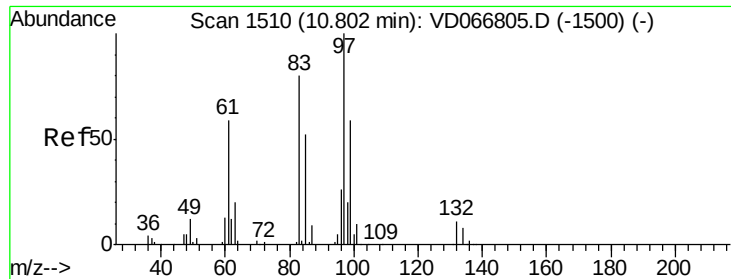
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 44.3 39.2 58.8

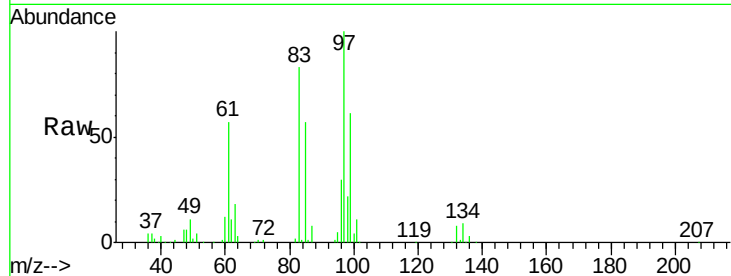




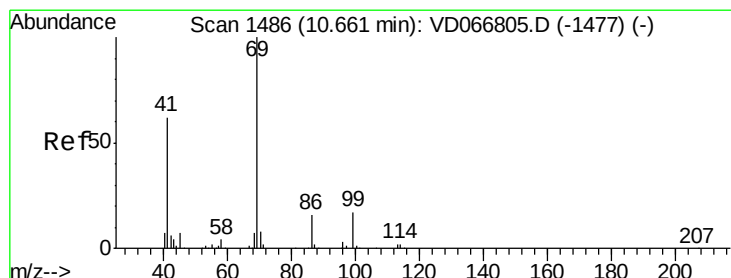
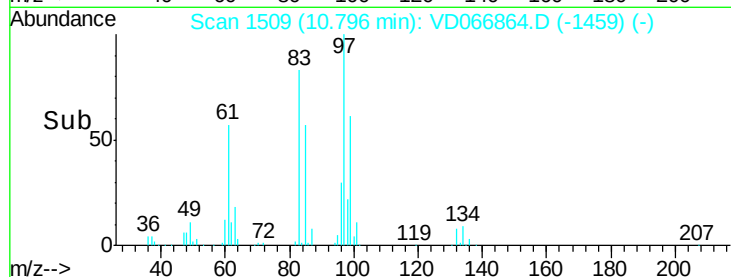
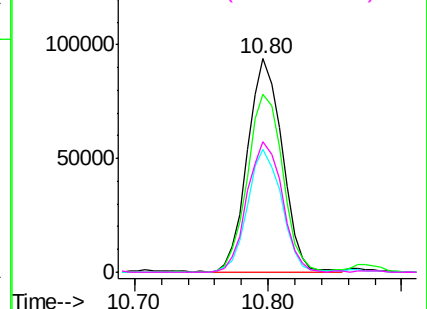
#55
 1,1,2-Trichloroethane
 Concen: 52.300 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	169448
Ion	Ratio	Lower	Upper
97	100		
83	83.1	64.2	96.2
85	57.3	41.9	62.9
99	61.2	47.5	71.3

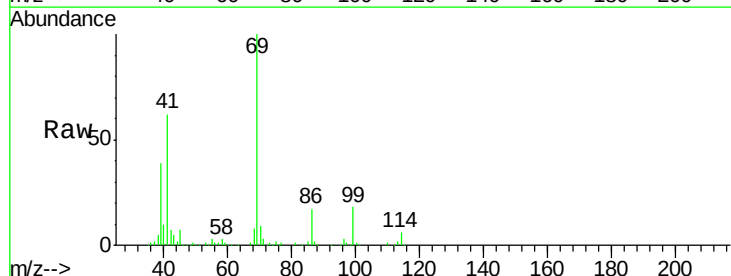


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

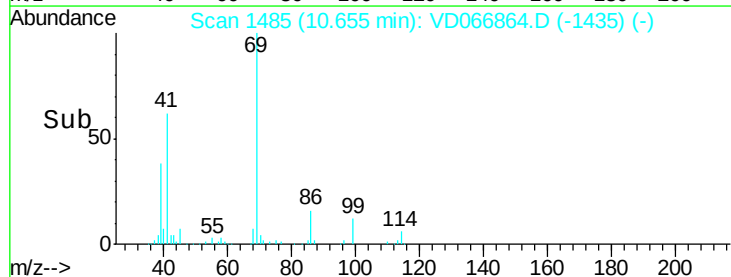
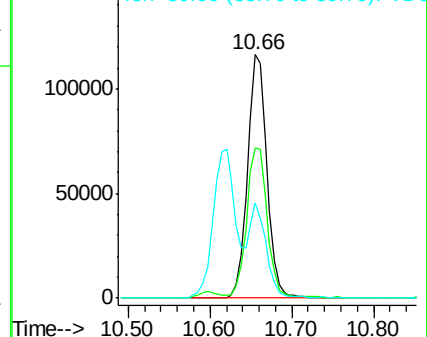


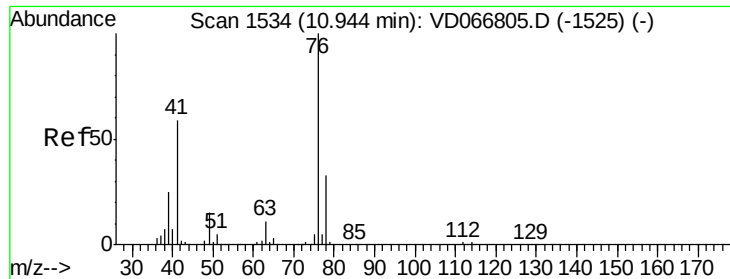
#56
 Ethyl methacrylate
 Concen: 55.024 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion:	69	Resp:	190980
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.2	78.2
39	31.8	26.6	40.0



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

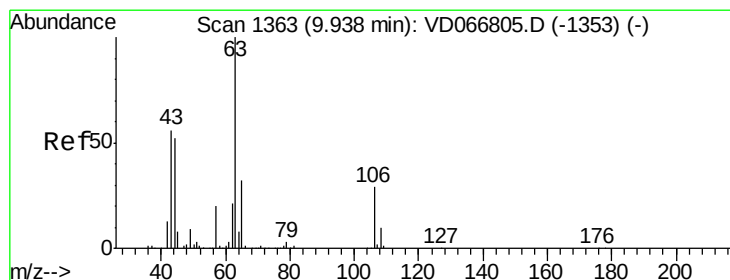
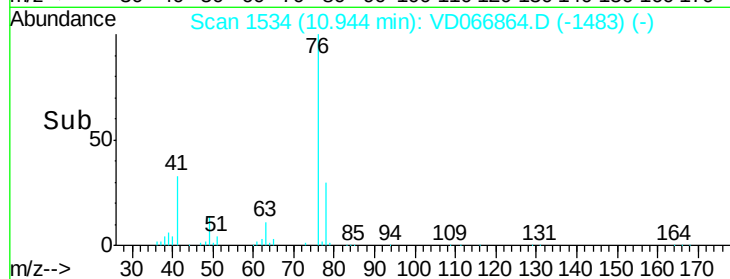
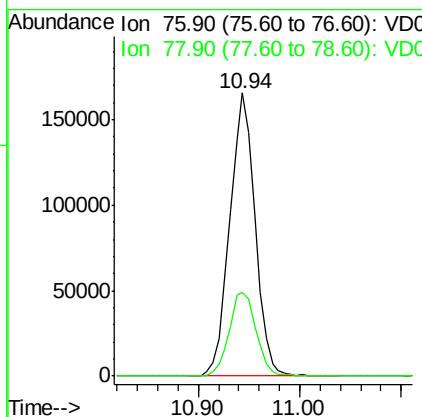
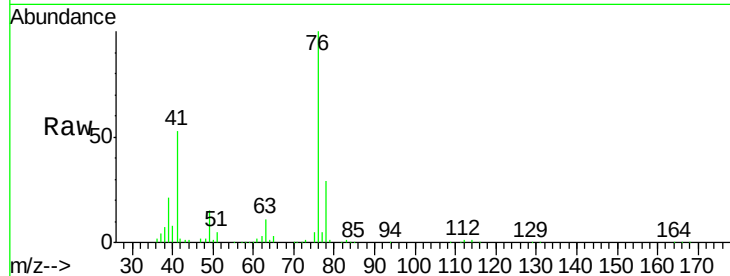




#57
 1,3-Dichloropropane
 Concen: 53.639 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

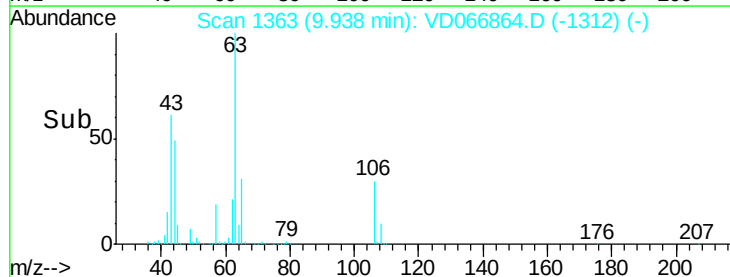
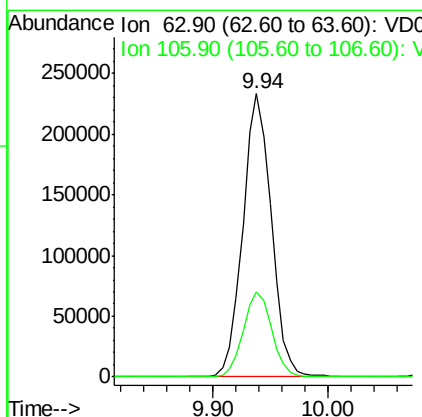
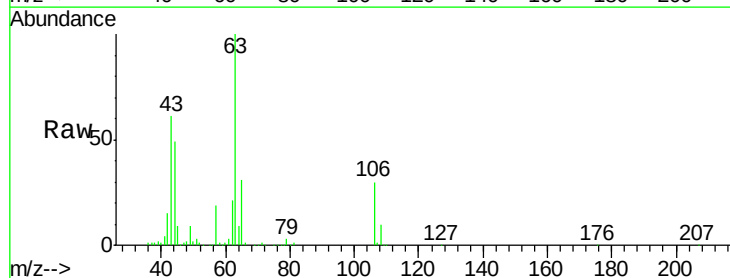
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

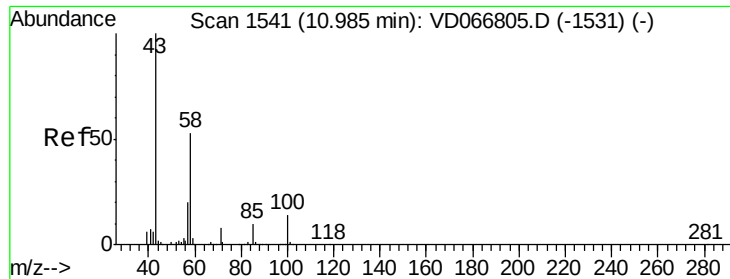
Tgt Ion: 76 Resp: 286964
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.584 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion: 63 Resp: 400312
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.8 35.6

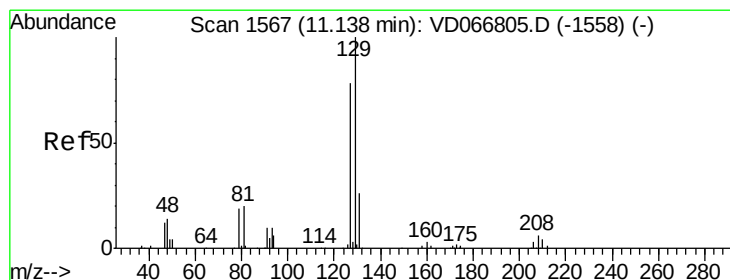
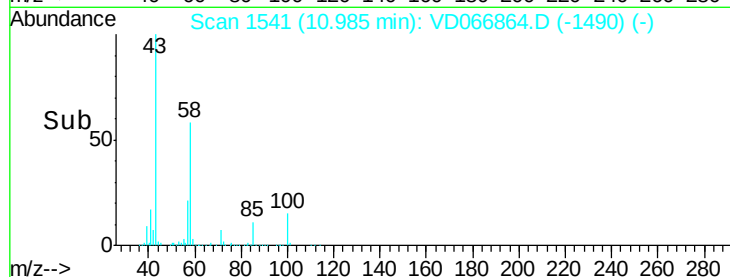
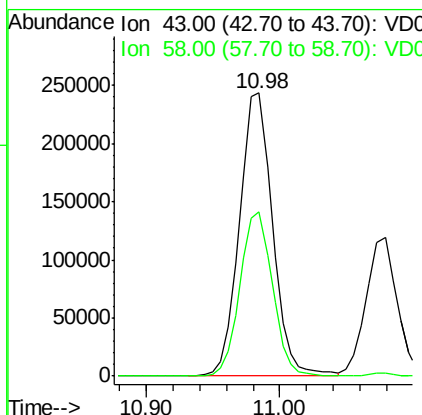
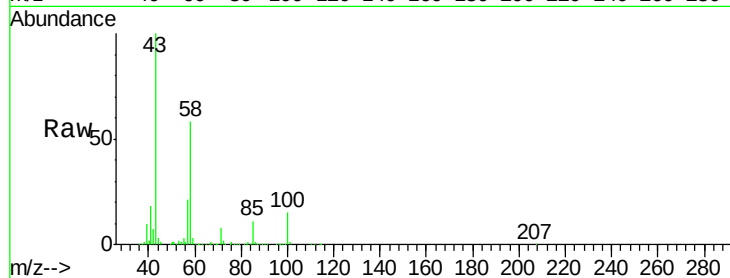




#59
2-Hexanone
Concen: 284.268 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

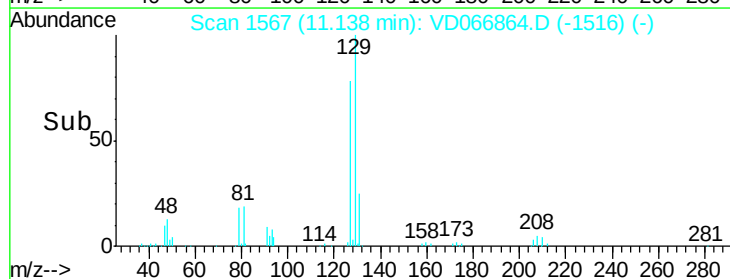
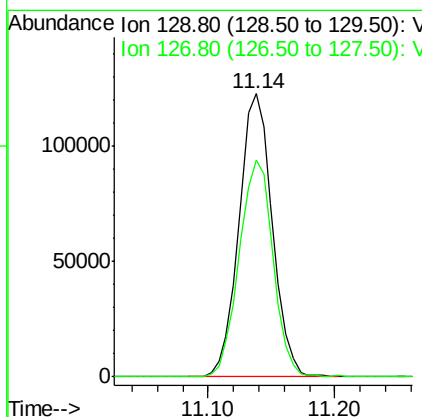
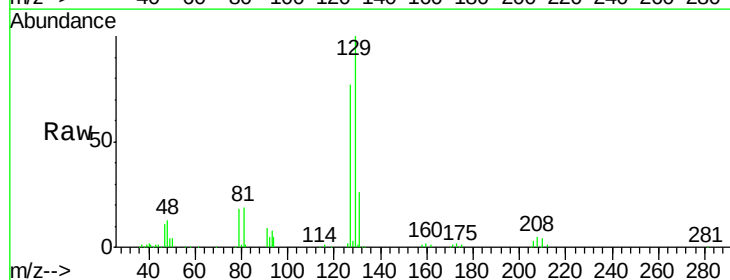
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

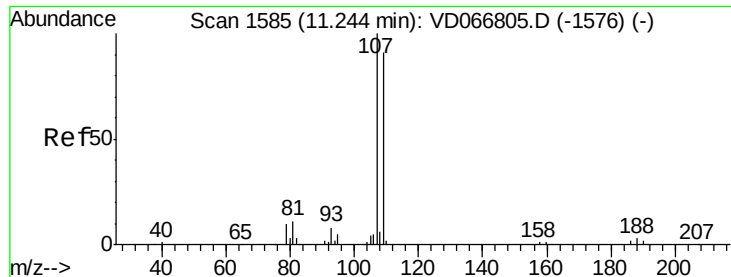
Tgt Ion: 43 Resp: 418805
Ion Ratio Lower Upper
43 100
58 56.8 27.0 80.8



#60
Dibromochloromethane
Concen: 52.952 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 129 Resp: 223910
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

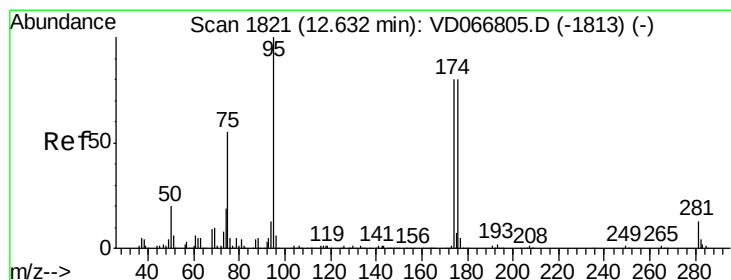
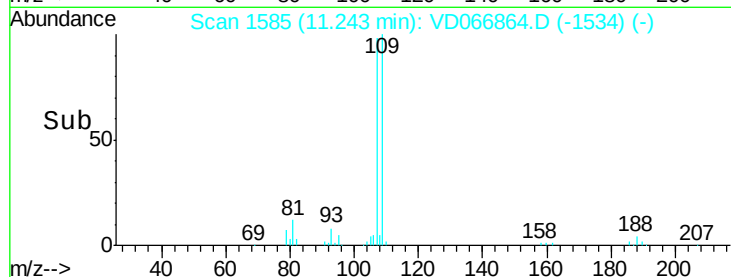
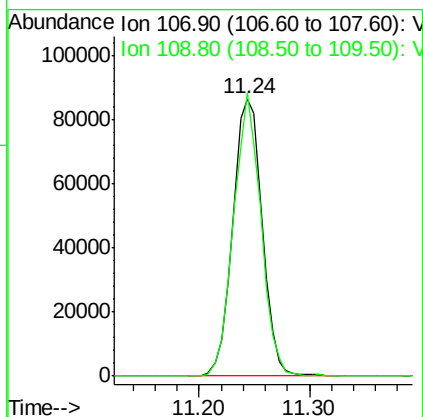
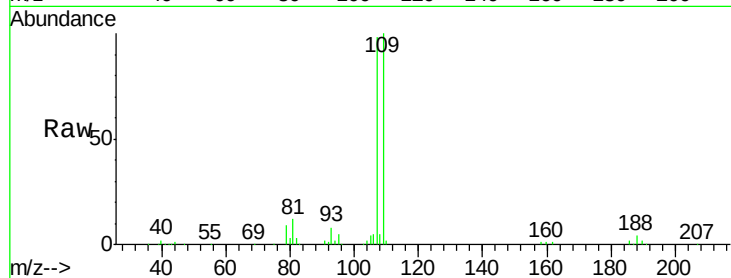




#61
 1,2-Dibromoethane
 Concen: 53.843 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

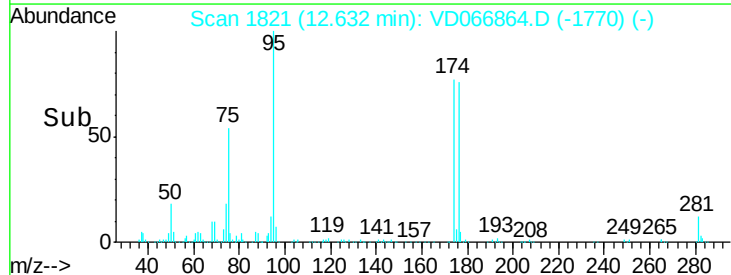
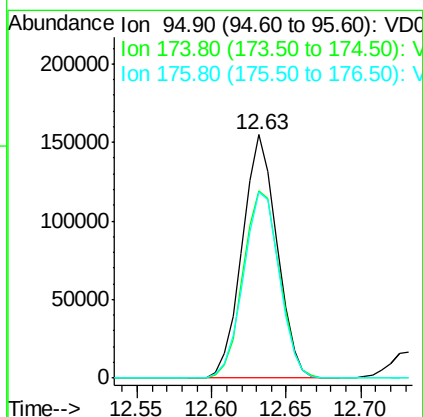
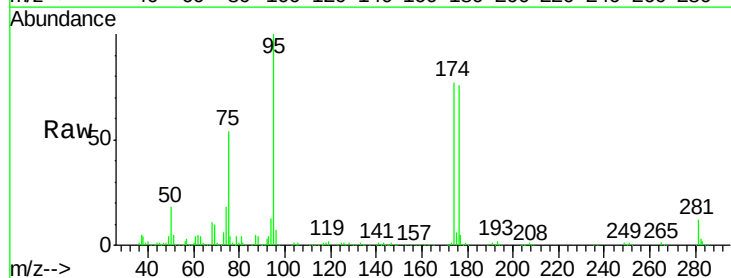
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

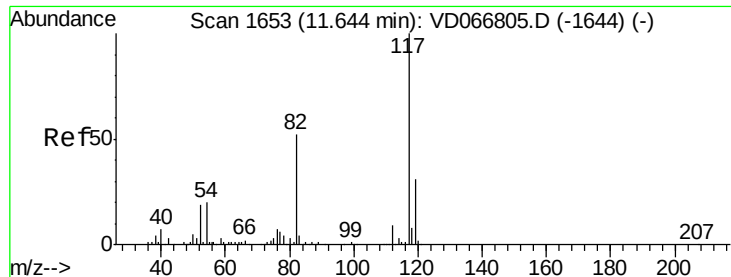
Tgt Ion: 107 Resp: 162256
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 53.981 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion: 95 Resp: 249773
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 159.8
 176 78.8 0.0 154.4

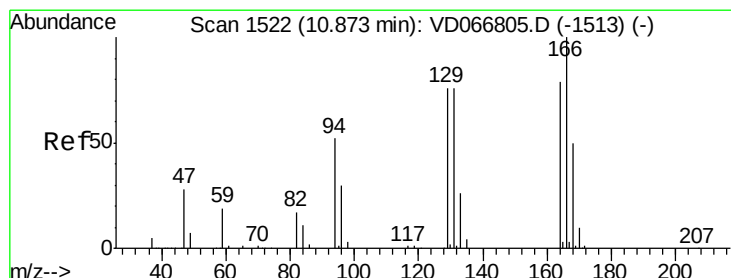
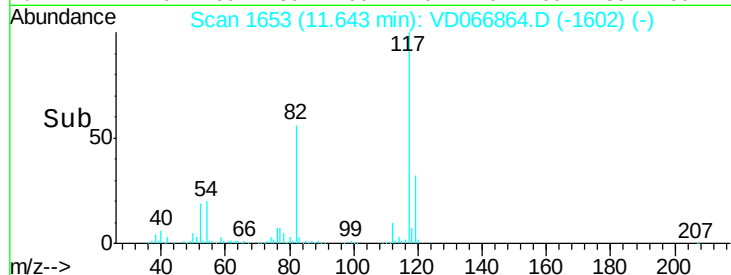
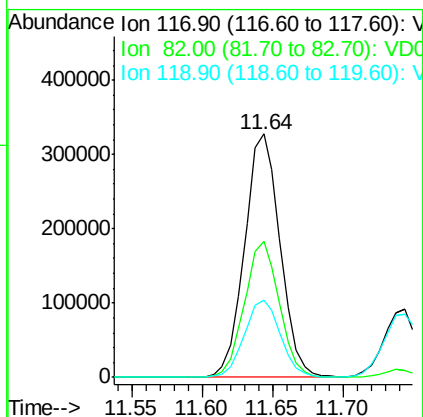
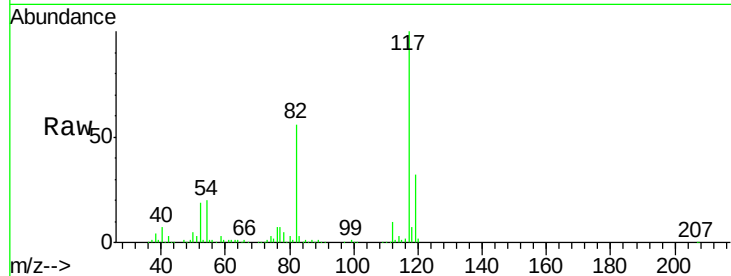




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

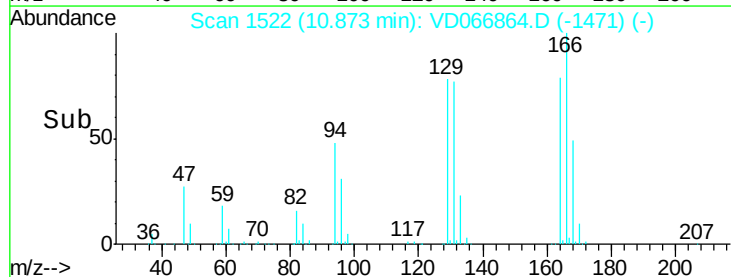
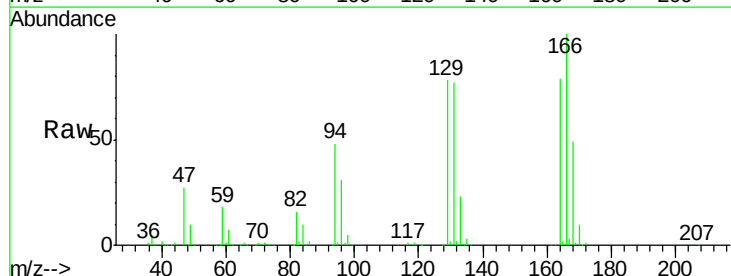
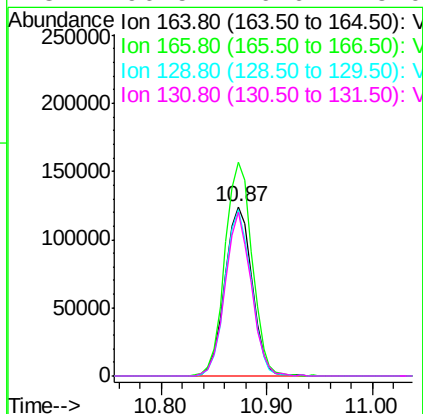
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

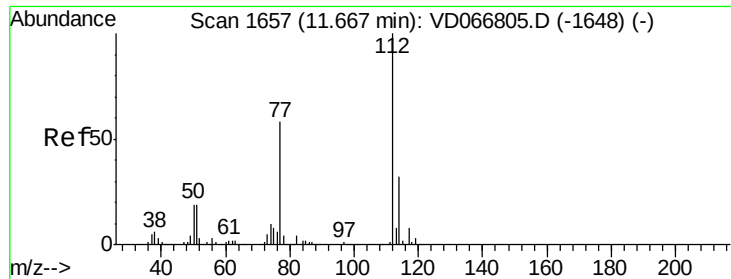
Tgt Ion:117 Resp: 576395
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.6
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 53.290 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion:164 Resp: 220945
Ion Ratio Lower Upper
164 100
166 125.9 101.1 151.7
129 98.0 77.0 115.4
131 96.5 76.6 115.0





#65

Chlorobenzene

Concen: 51.497 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

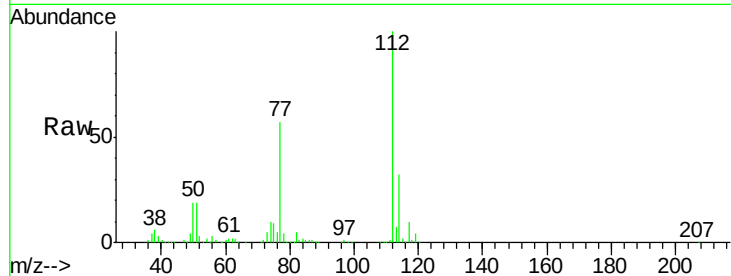
VSTDCCC050

Tgt Ion:112 Resp: 617866

Ion Ratio Lower Upper

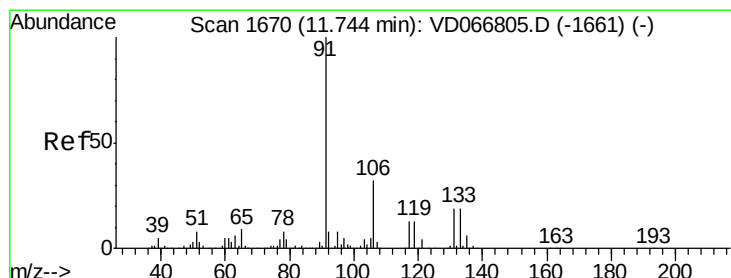
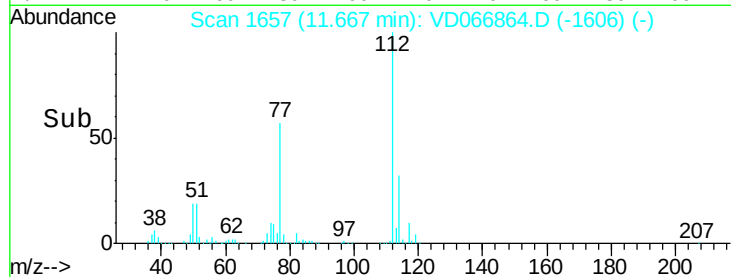
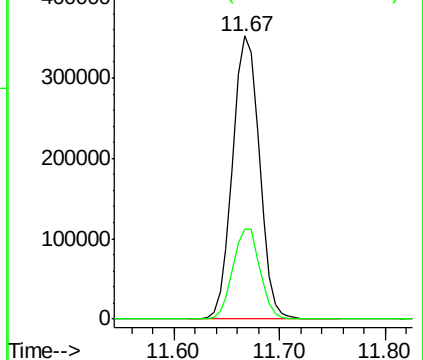
112 100

114 31.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.888 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

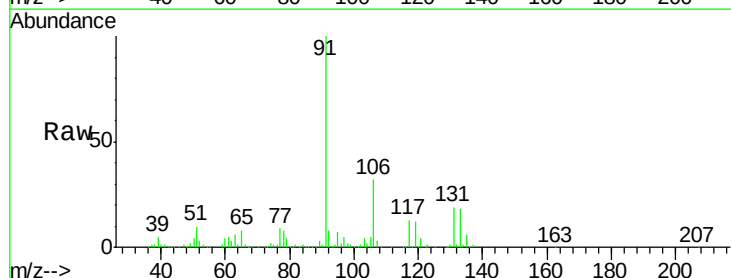
Tgt Ion:131 Resp: 235624

Ion Ratio Lower Upper

131 100

133 97.1 46.7 140.1

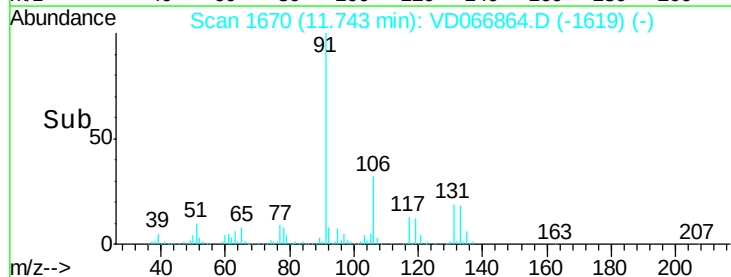
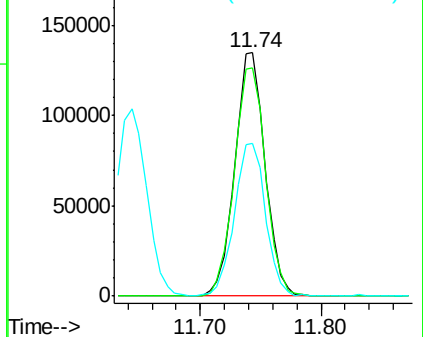
119 64.7 32.3 96.9

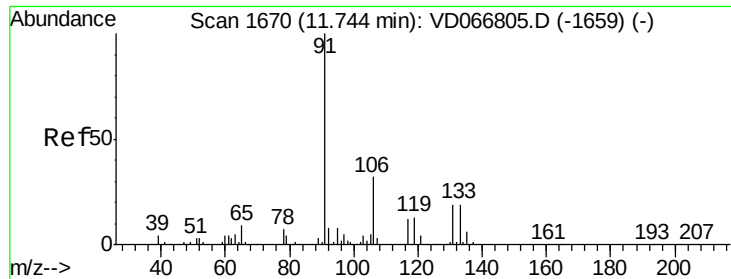


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

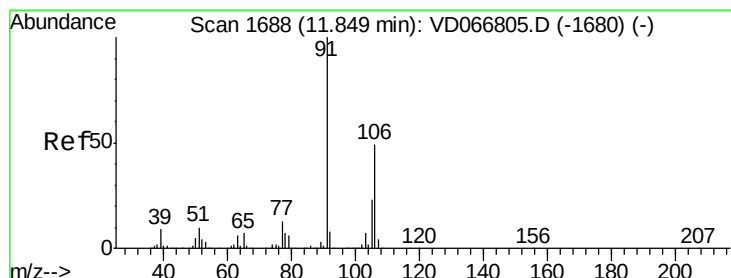
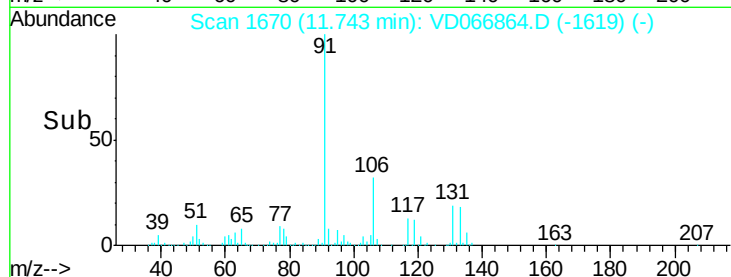
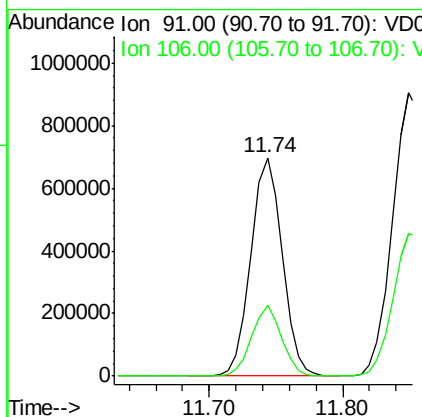
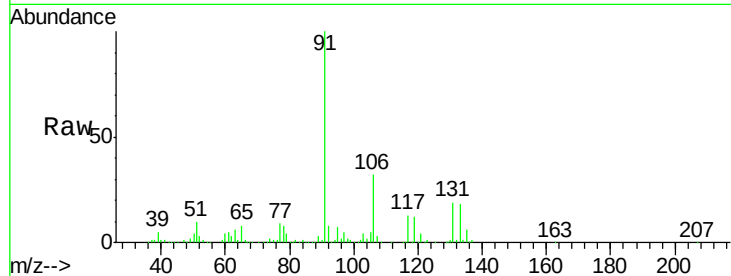




#67
Ethyl Benzene
Concen: 53.691 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

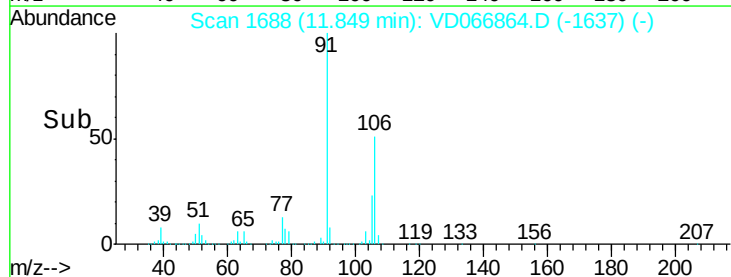
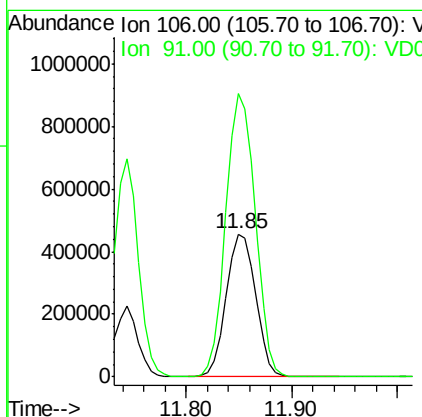
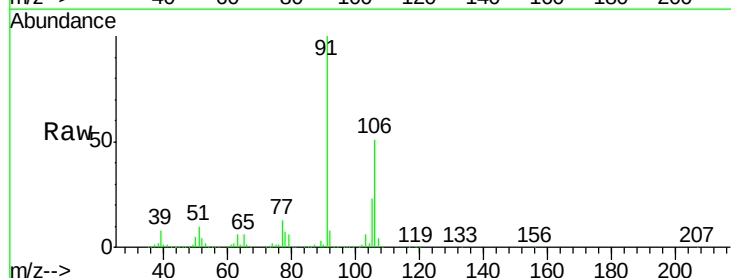
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

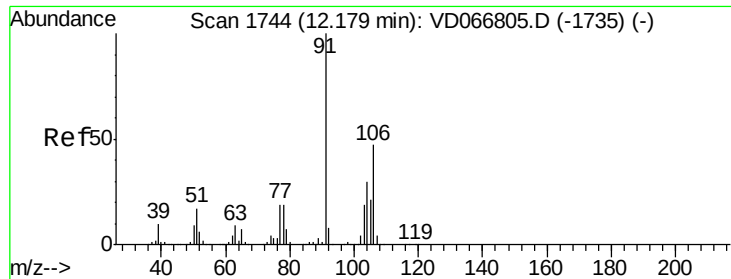
Tgt Ion: 91 Resp: 1131388
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 110.384 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 106 Resp: 880670
Ion Ratio Lower Upper
106 100
91 198.2 160.7 241.1

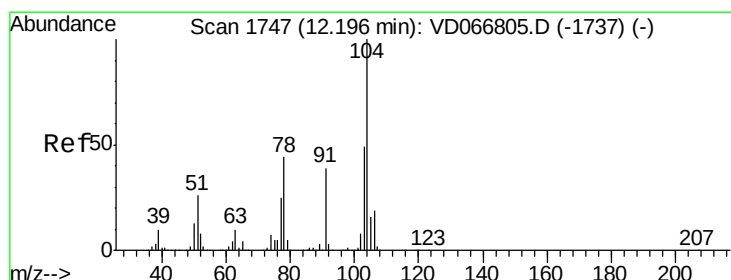
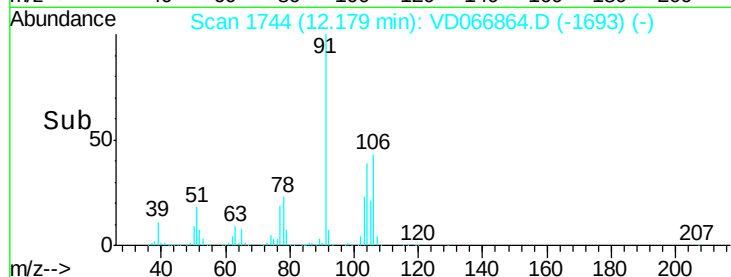
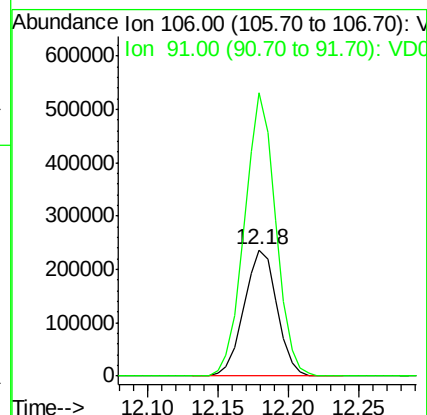
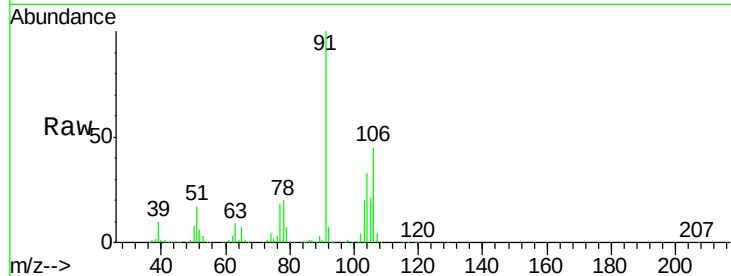




#69
o-Xylene
Concen: 53.760 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

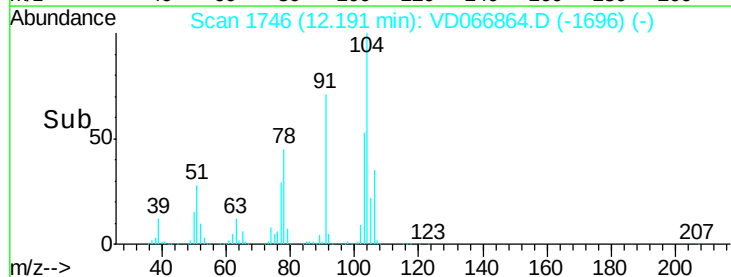
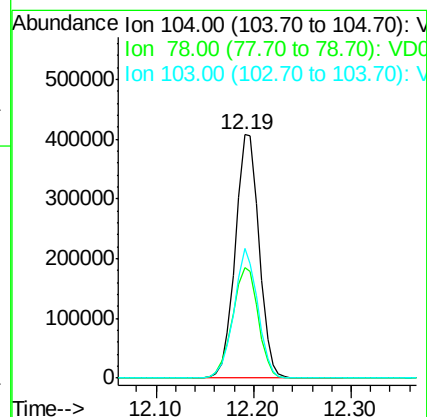
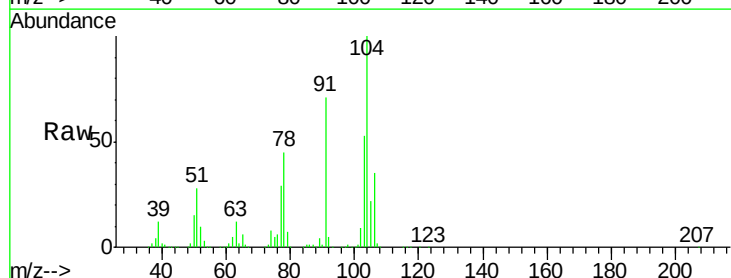
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

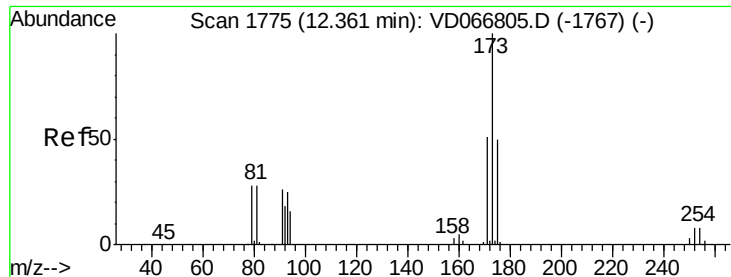
Tgt Ion:106 Resp: 387832
Ion Ratio Lower Upper
106 100
91 212.4 106.3 318.8



#70
Styrene
Concen: 55.087 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion:104 Resp: 690151
Ion Ratio Lower Upper
104 100
78 49.0 38.9 58.3
103 53.2 43.2 64.8





#71

Bromoform

Concen: 53.620 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

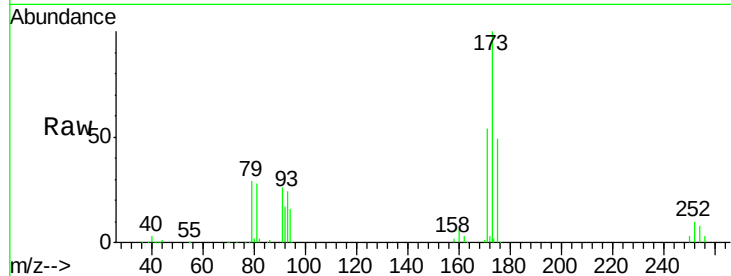
Tgt Ion:173 Resp: 123280

Ion Ratio Lower Upper

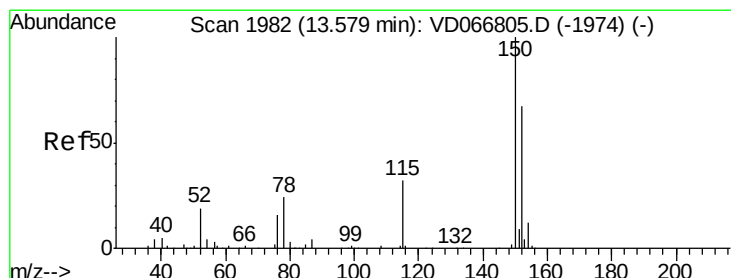
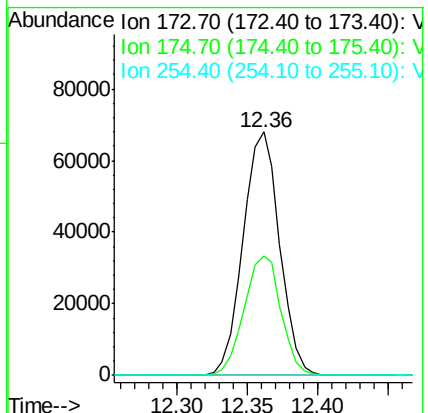
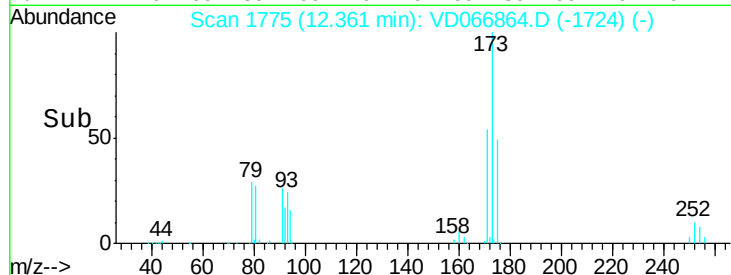
173 100

175 49.4 24.9 74.6

254 0.1 0.1 0.1#



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: VD066864.D

Acq: 25 Sep 2020 10:36

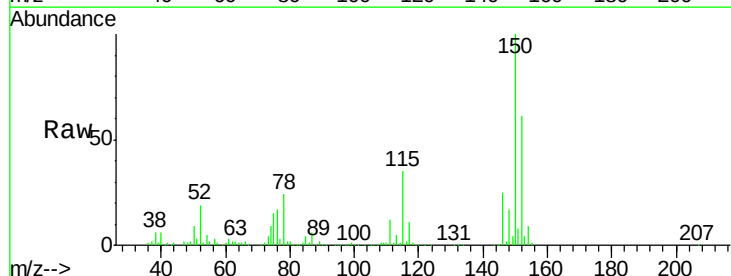
Tgt Ion:152 Resp: 277791

Ion Ratio Lower Upper

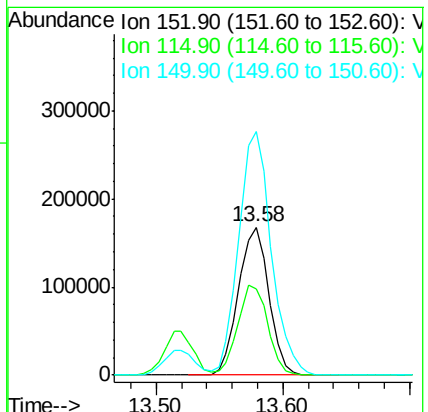
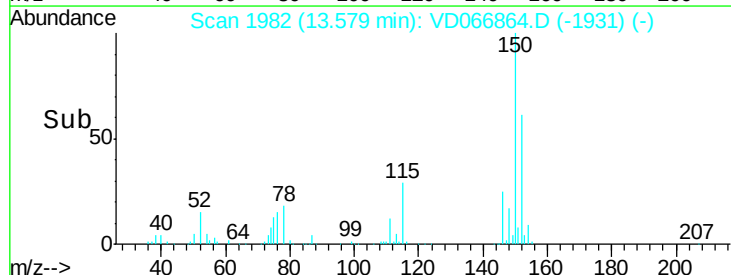
152 100

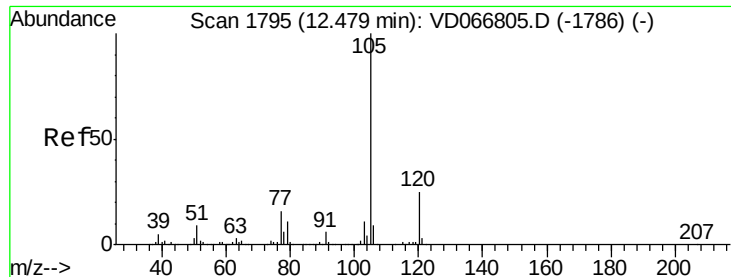
115 60.4 30.3 91.0

150 177.9 0.0 346.2



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

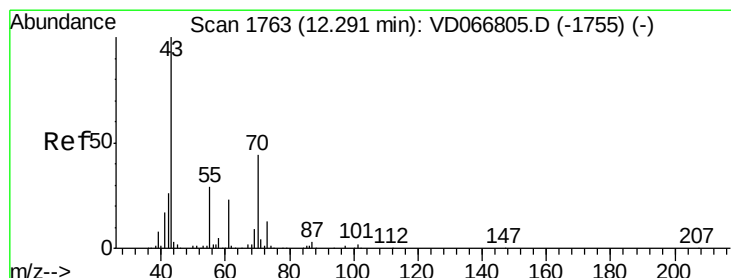
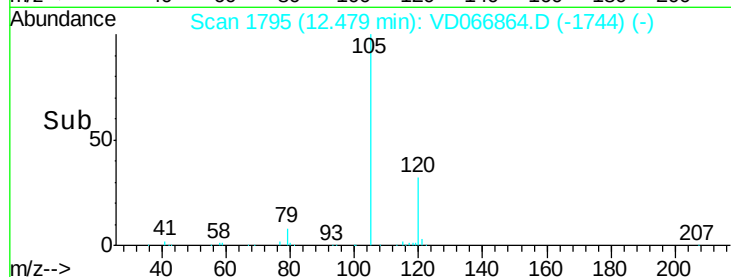
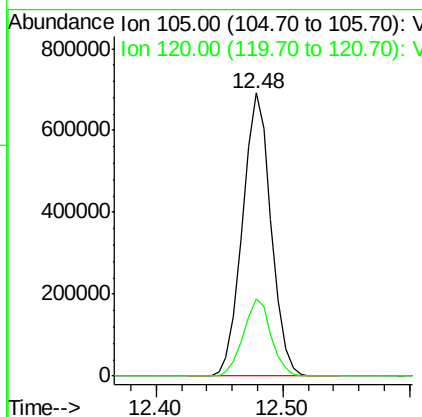
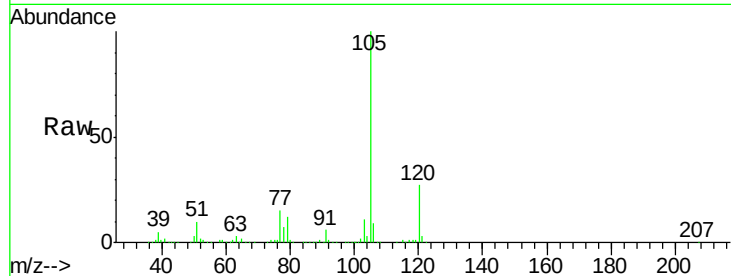




#73
Isopropylbenzene
Concen: 53.796 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

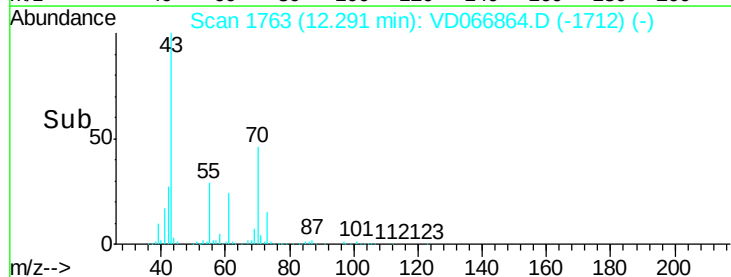
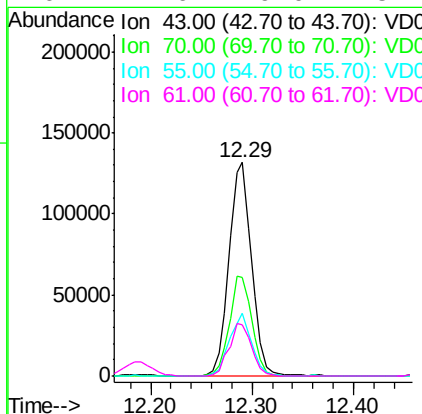
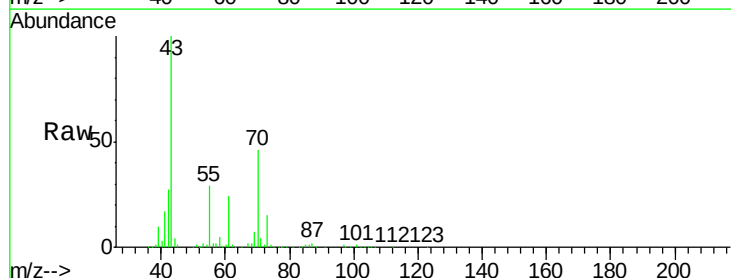
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

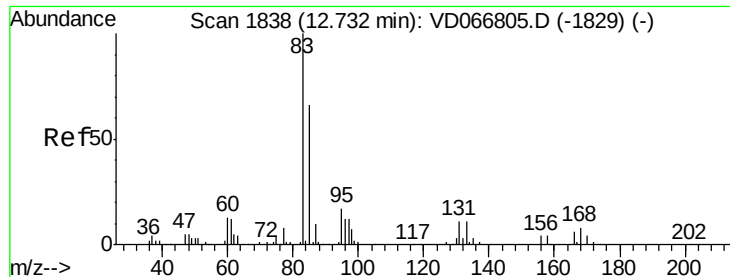
Tgt Ion:105 Resp: 1079549
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6



#74
N-ethyl acetate
Concen: 52.038 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 43 Resp: 203932
Ion Ratio Lower Upper
43 100
70 46.5 36.1 54.1
55 28.7 21.8 32.8
61 24.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.376 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

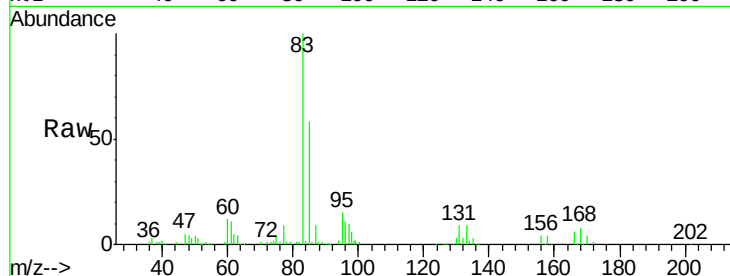
Tgt Ion: 83 Resp: 177902

Ion Ratio Lower Upper

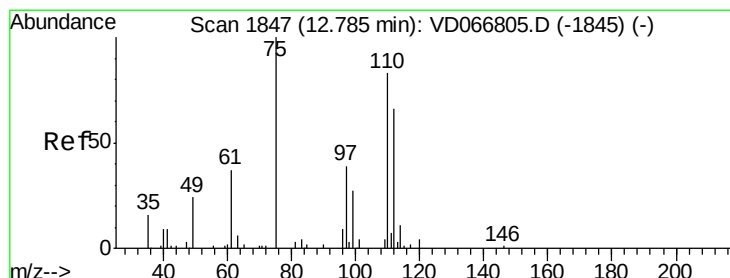
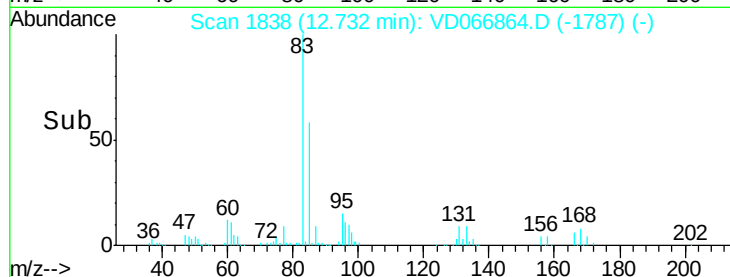
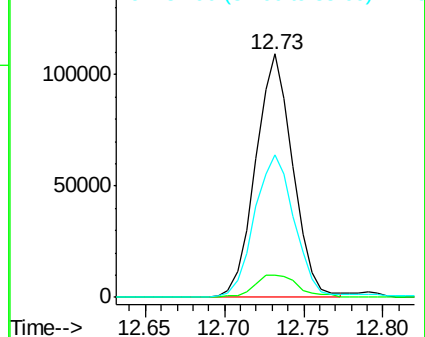
83 100

131 11.1 5.5 16.7

85 62.7 32.1 96.5



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: 101.811 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066864.D

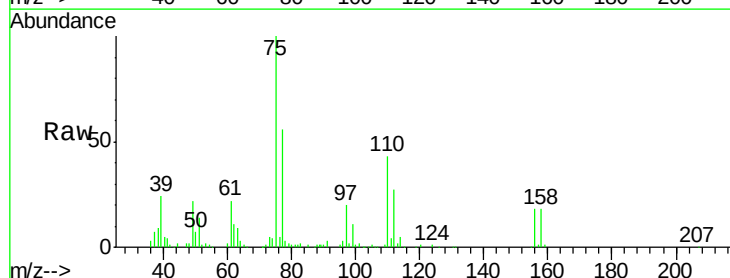
Acq: 25 Sep 2020 10:36

Tgt Ion: 75 Resp: 234381

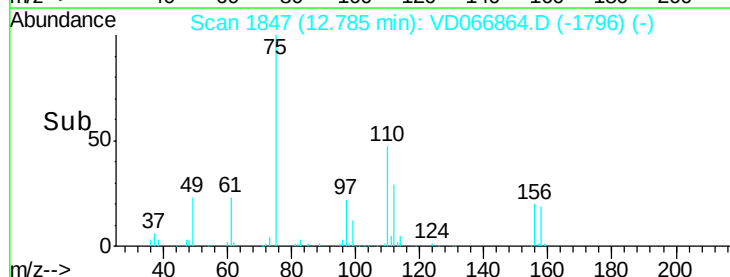
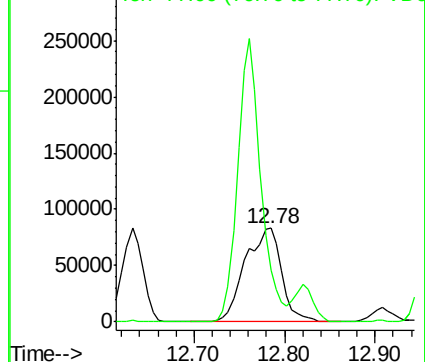
Ion Ratio Lower Upper

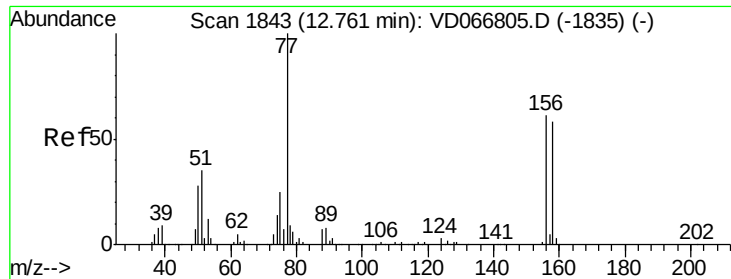
75 100

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: 51.826 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

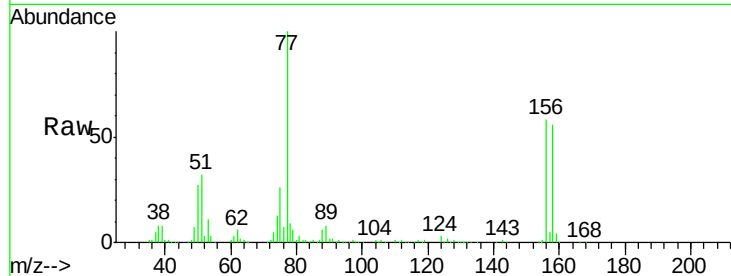
Tgt Ion:156 Resp: 243237

Ion Ratio Lower Upper

156 100

77 185.7 92.3 276.9

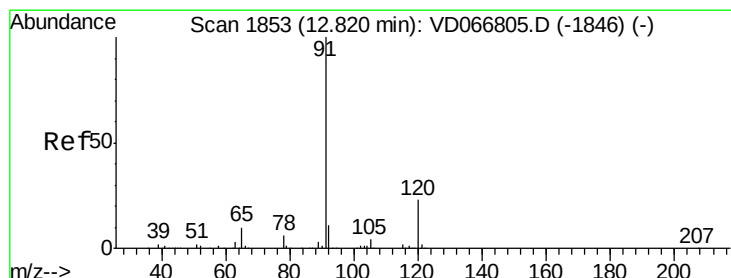
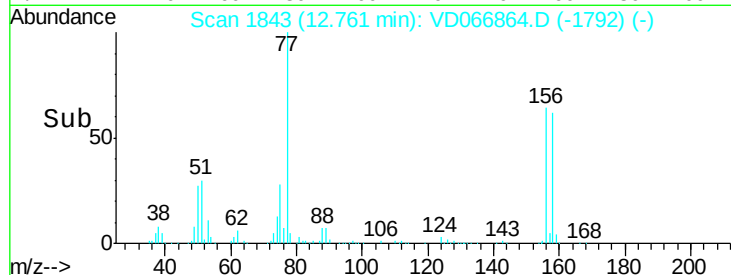
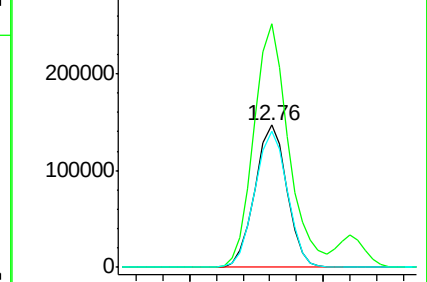
158 97.5 47.6 142.9



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: 53.994 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066864.D

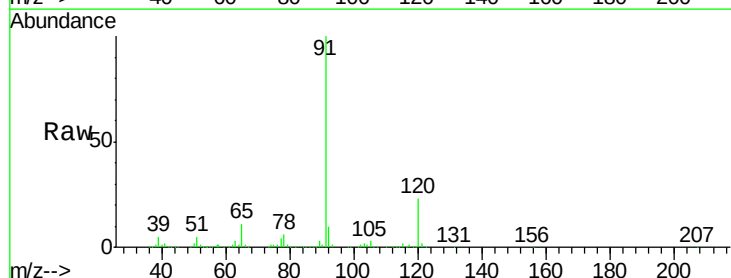
Acq: 25 Sep 2020 10:36

Tgt Ion: 91 Resp: 1303548

Ion Ratio Lower Upper

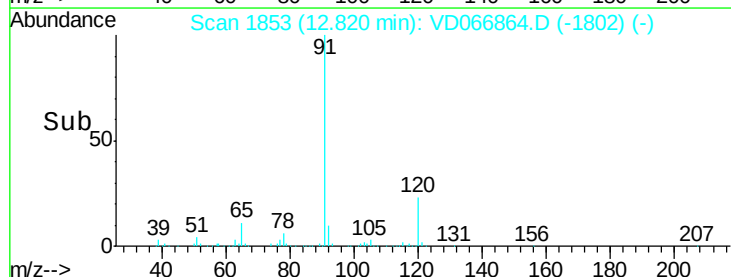
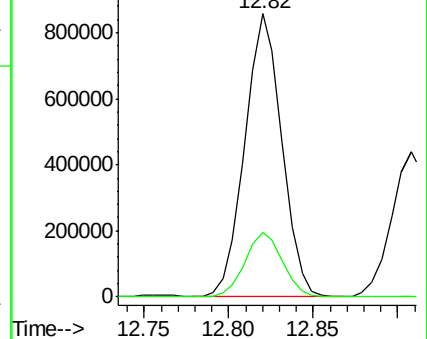
91 100

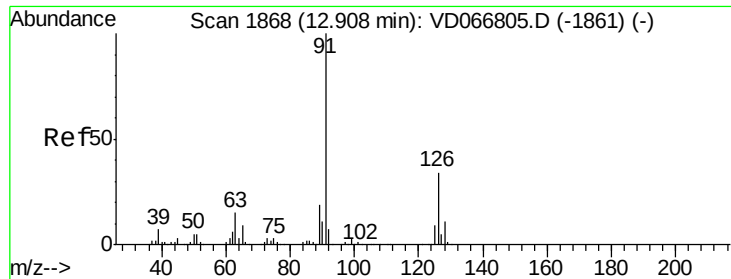
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.024 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

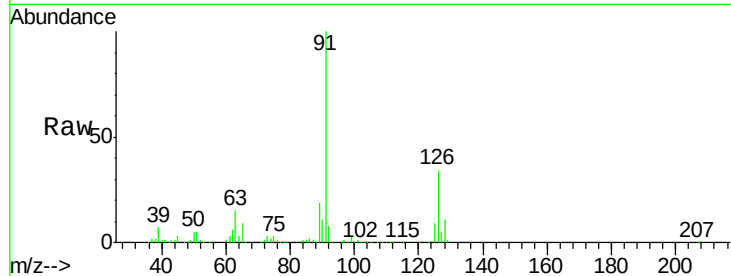
VSTDCCC050

Tgt Ion: 91 Resp: 715726

Ion Ratio Lower Upper

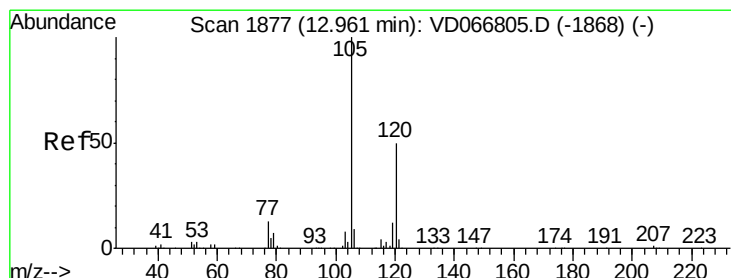
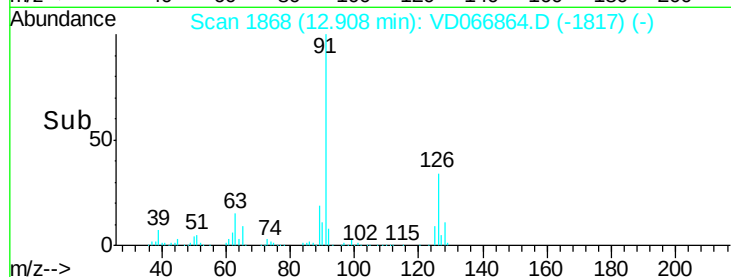
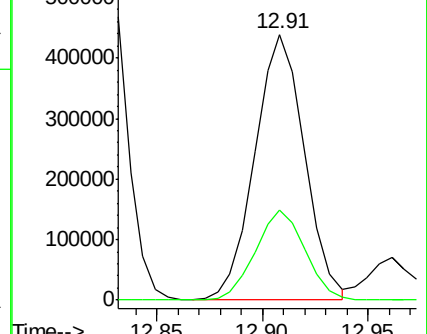
91 100

126 34.1 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.329 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066864.D

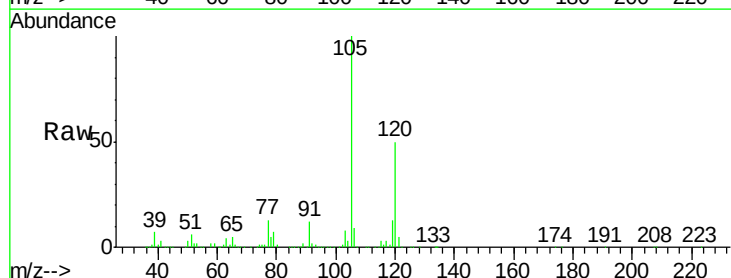
Acq: 25 Sep 2020 10:36

Tgt Ion: 105 Resp: 925085

Ion Ratio Lower Upper

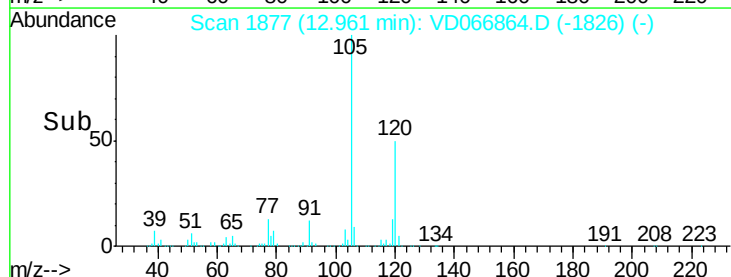
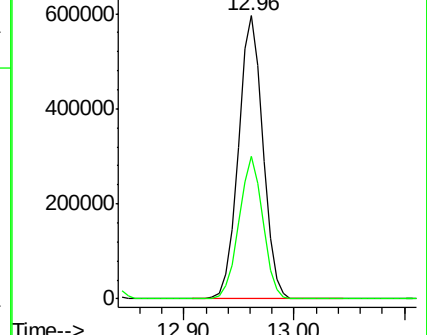
105 100

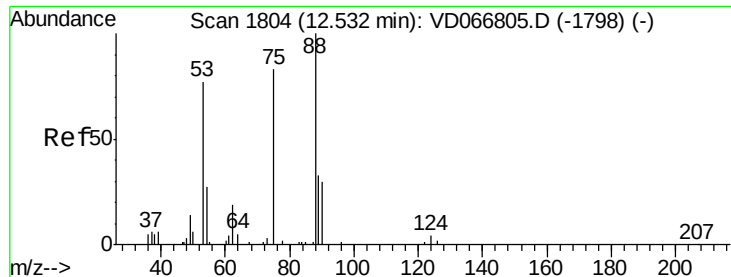
120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.959 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

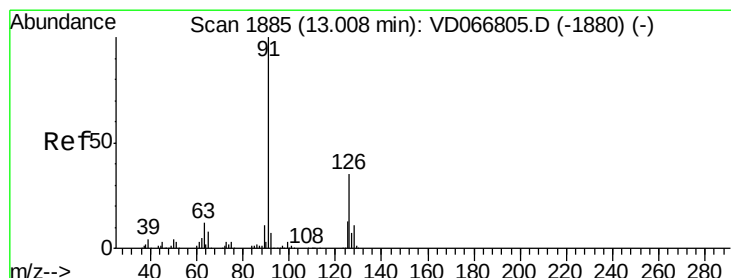
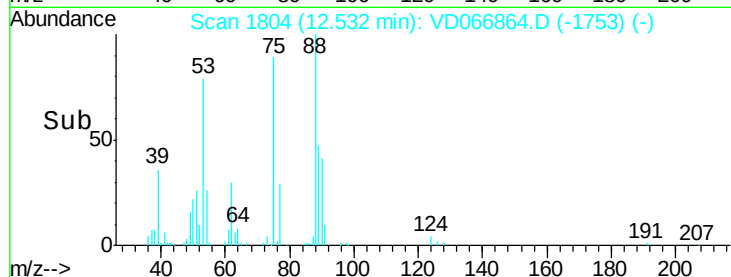
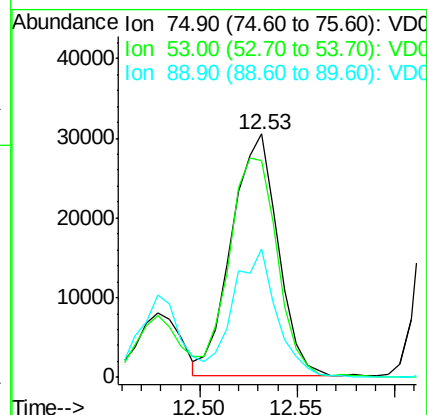
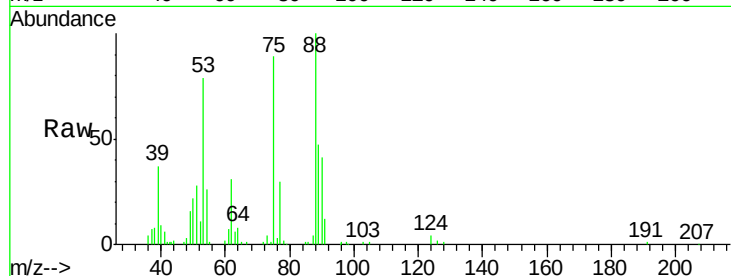
Tgt Ion: 75 Resp: 49650

Ion Ratio Lower Upper

75 100

53 94.3 78.5 117.7

89 50.2 38.1 57.1



#82

4-Chlorotoluene

Concen: 52.562 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066864.D

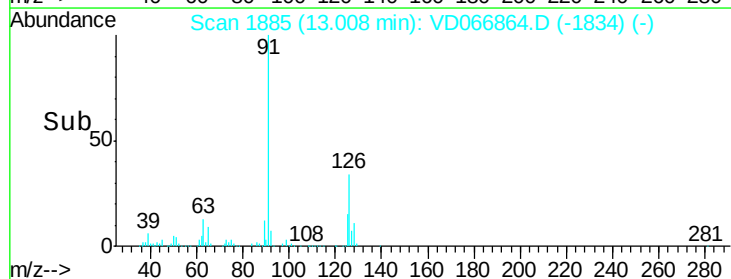
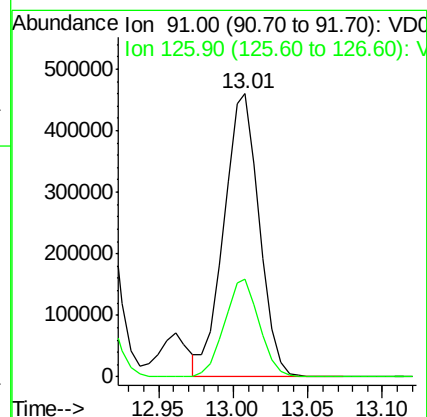
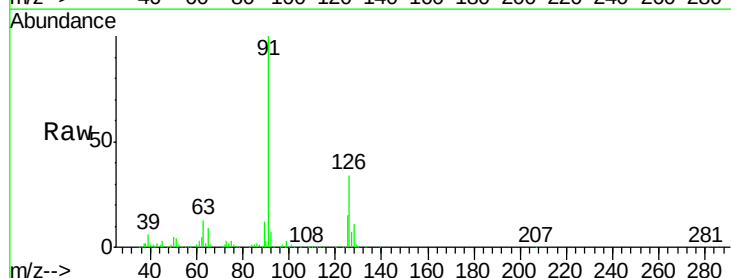
Acq: 25 Sep 2020 10:36

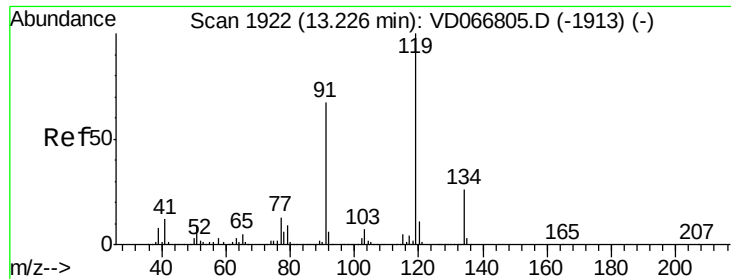
Tgt Ion: 91 Resp: 762276

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2

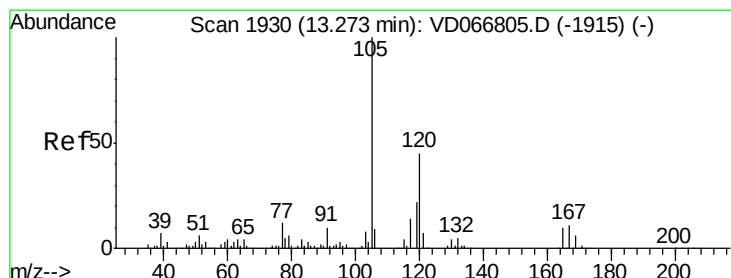
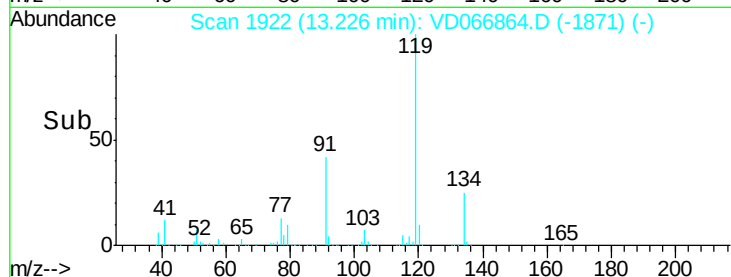
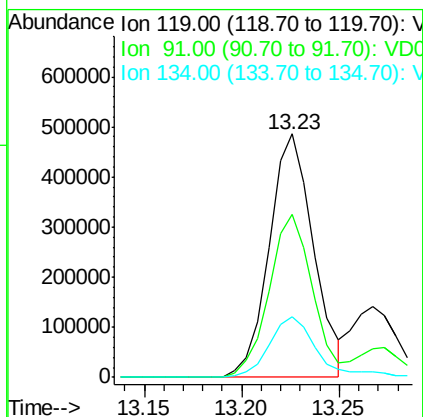
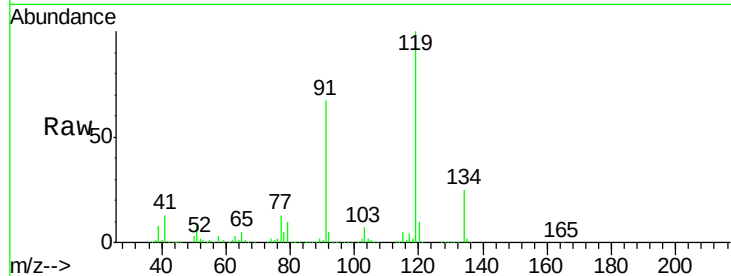




#83
 tert-Butylbenzene
 Concen: 54.602 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

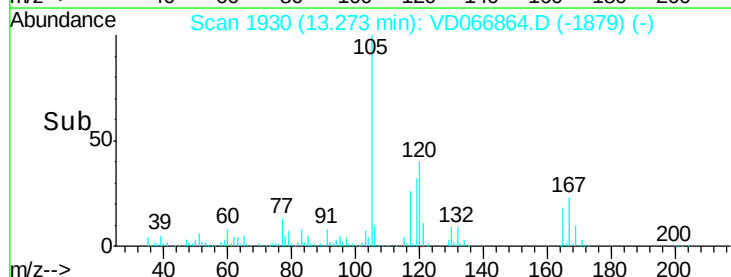
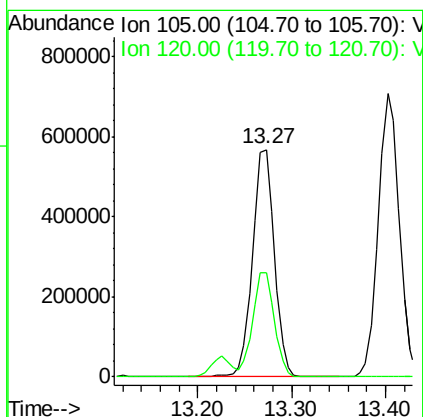
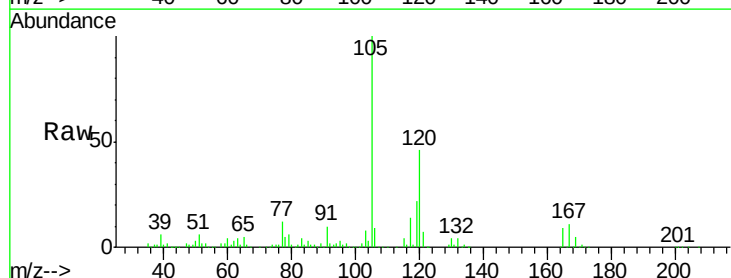
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

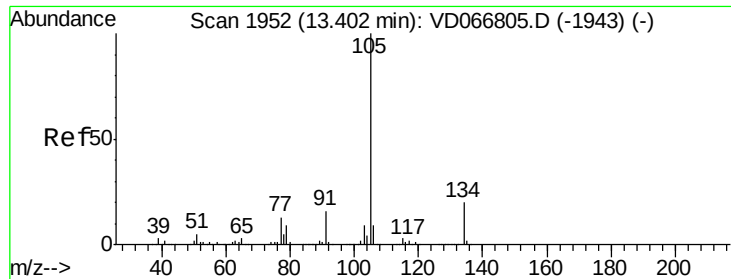
Tgt Ion:119 Resp: 763985
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.6 100.8
 134 27.0 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.406 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion:105 Resp: 918639
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.458 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

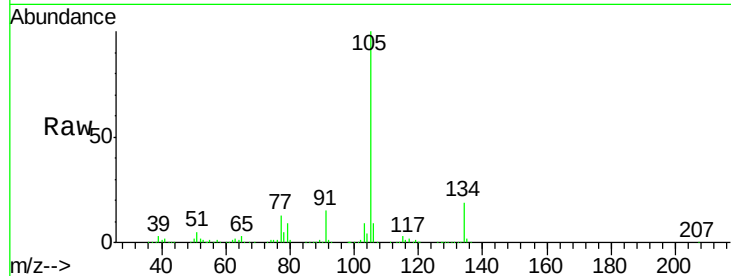
VSTDCCC050

Tgt Ion:105 Resp: 1095716

Ion Ratio Lower Upper

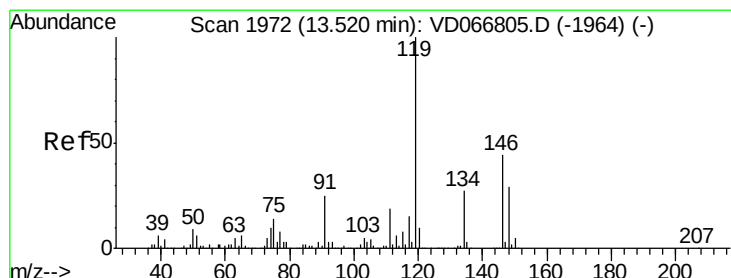
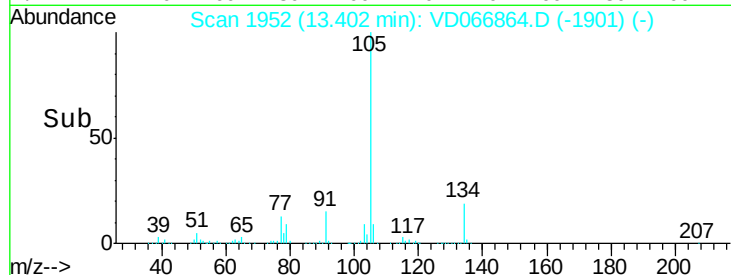
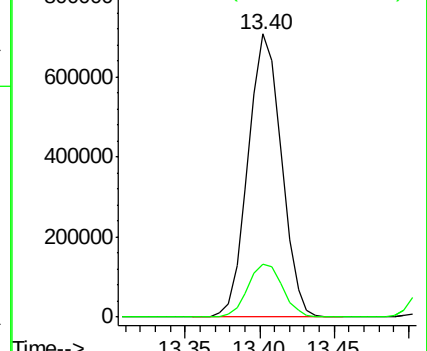
105 100

134 19.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.147 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

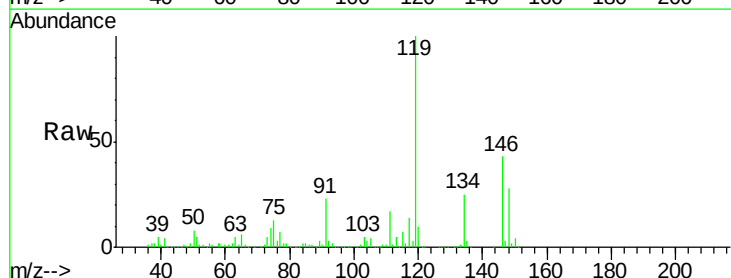
Tgt Ion:119 Resp: 1018306

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

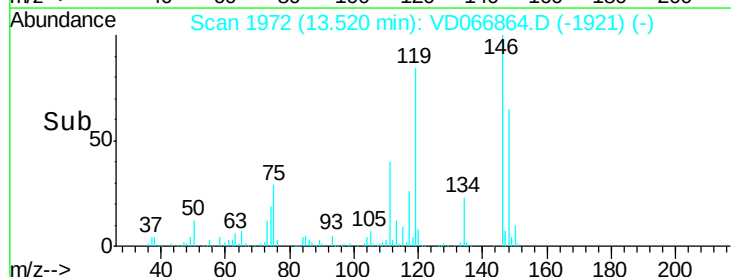
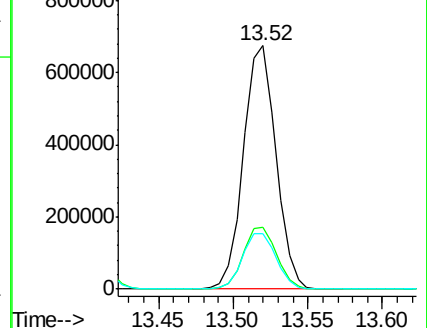
91 23.5 12.0 36.1

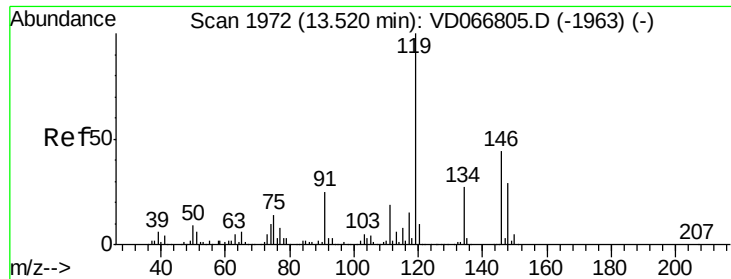


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

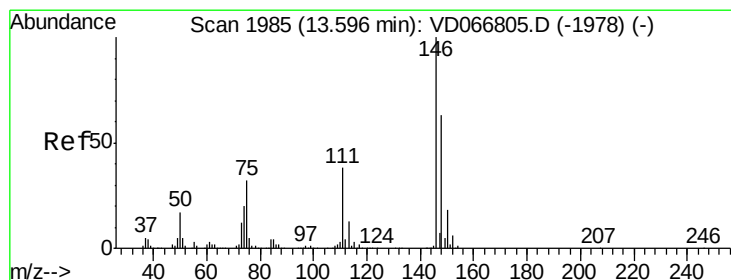
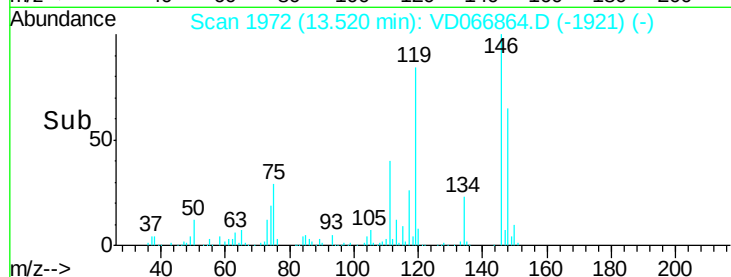
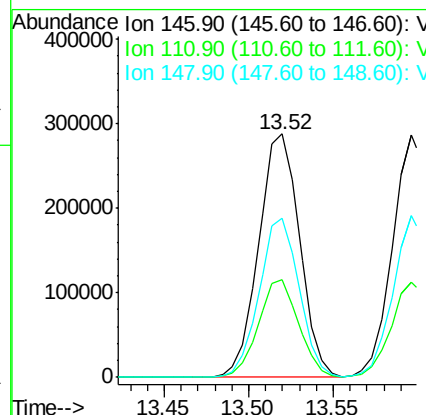
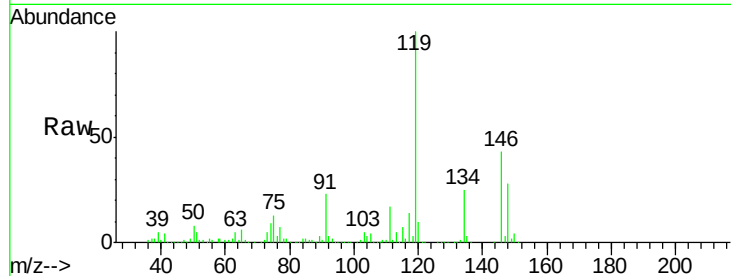




#87
 1,3-Dichlorobenzene
 Concen: 52.388 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

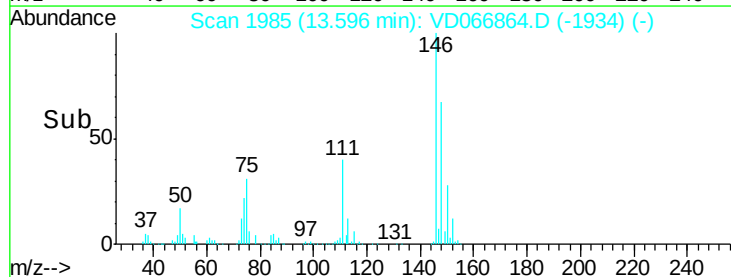
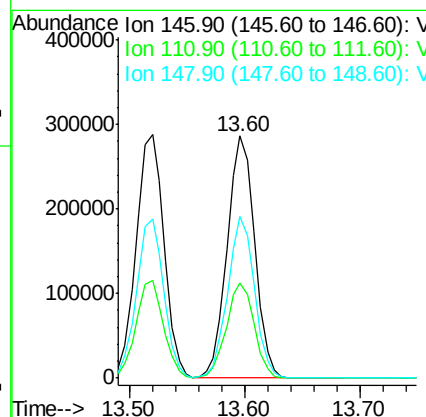
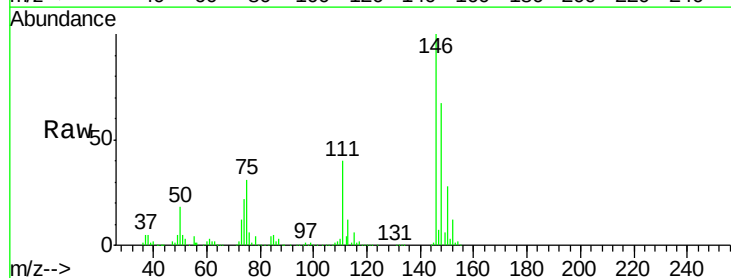
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

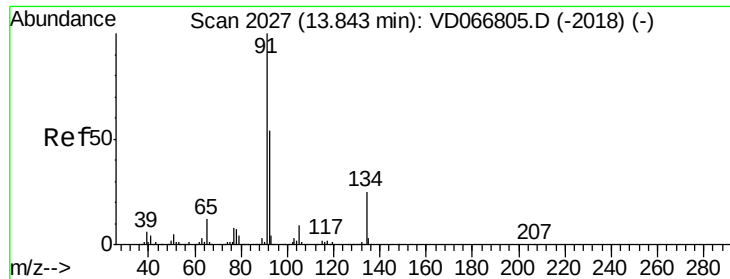
Tgt Ion:146 Resp: 485764
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.9
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.369 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion:146 Resp: 473080
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.5
 148 65.0 31.6 94.7

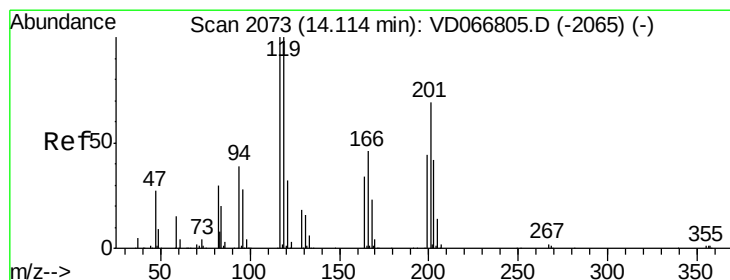
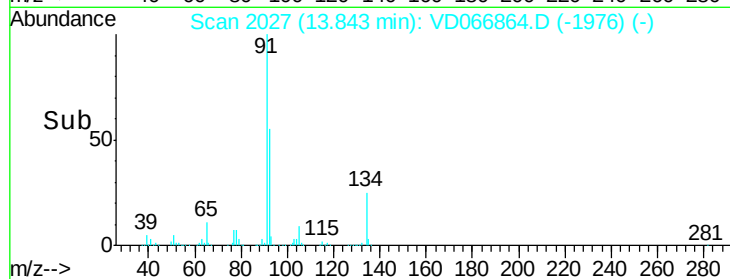
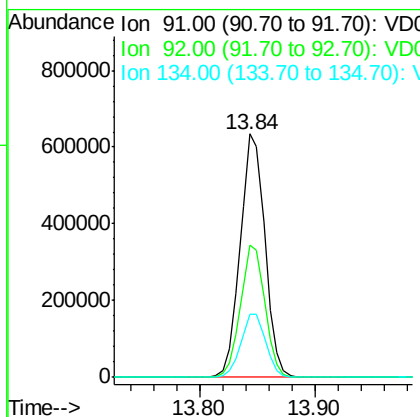
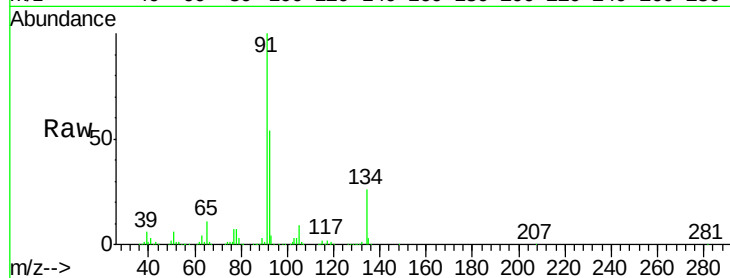




#89
n-Butylbenzene
Concen: 54.543 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

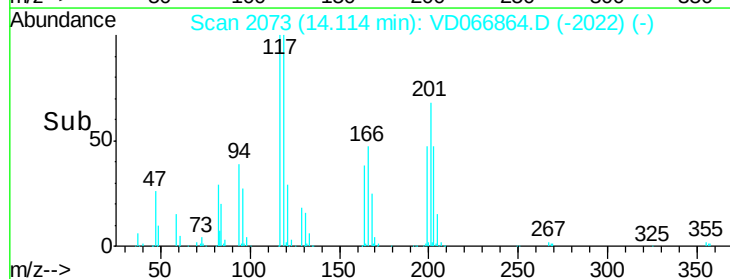
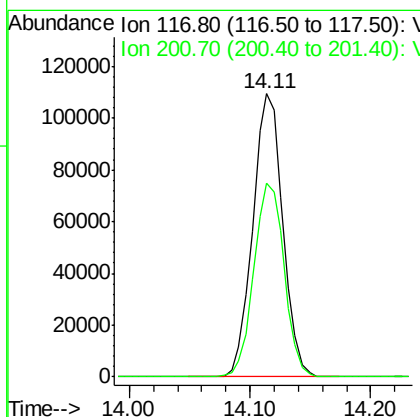
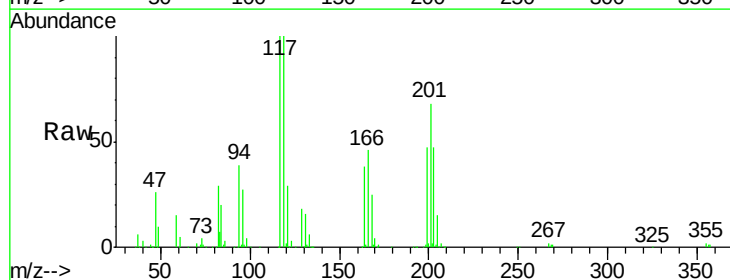
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

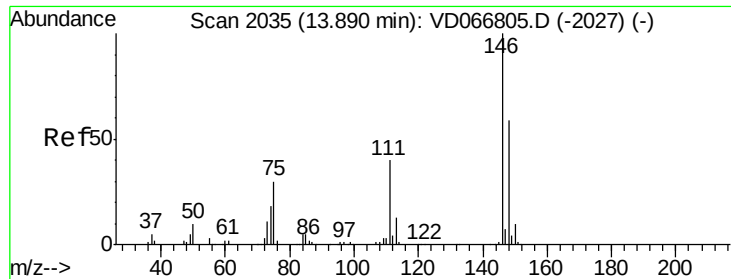
Tgt Ion: 91 Resp: 940242
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.0
134 26.3 13.1 39.1



#90
Hexachloroethane
Concen: 51.460 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 117 Resp: 189479
Ion Ratio Lower Upper
117 100
201 69.3 33.7 101.0

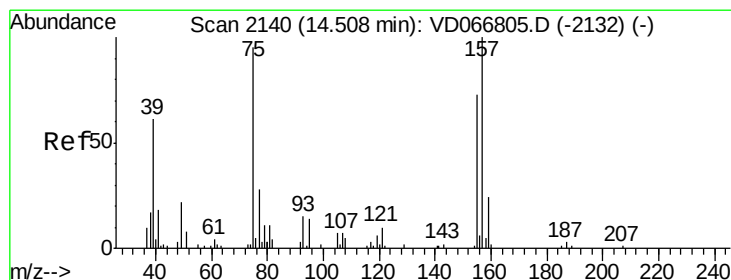
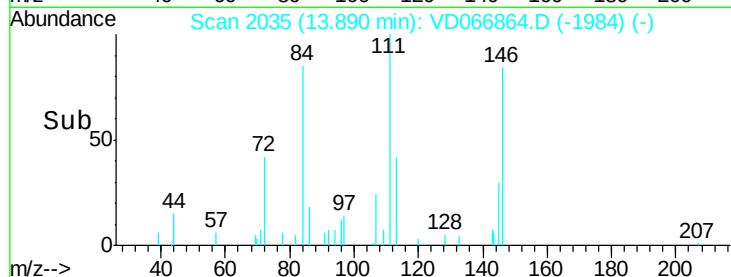
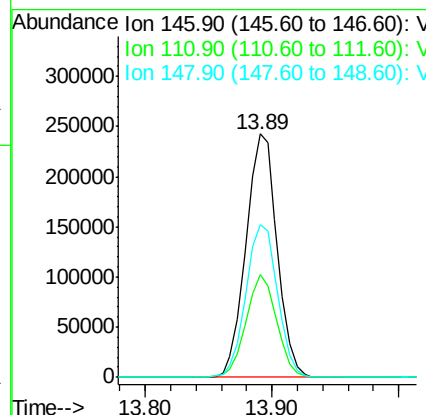
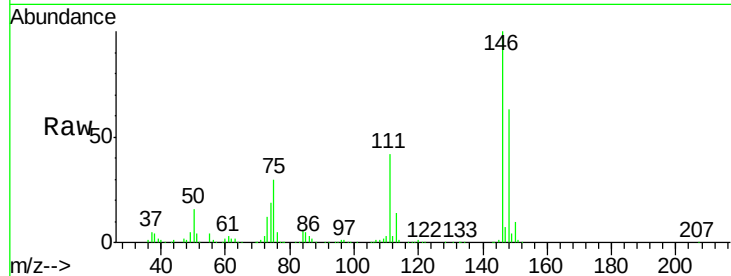




#91
 1,2-Dichlorobenzene
 Concen: 52.134 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

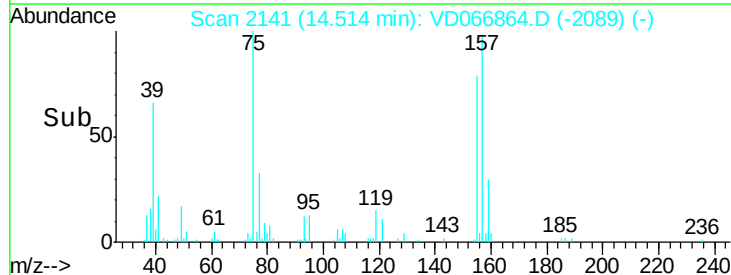
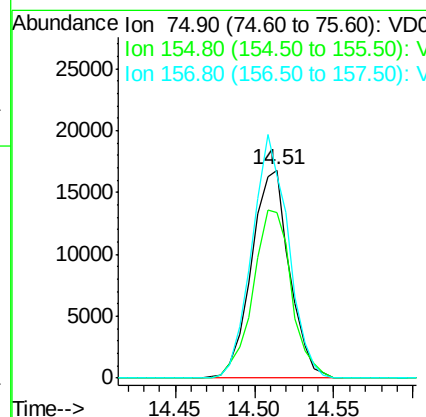
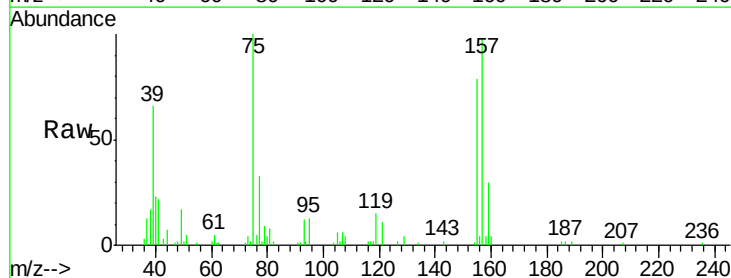
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

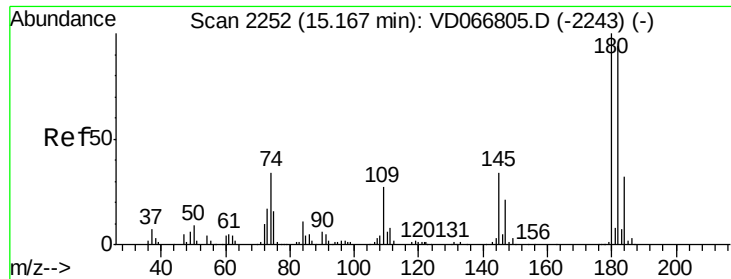
Tgt Ion: 146 Resp: 413577
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 63.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.388 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion: 75 Resp: 28068
 Ion Ratio Lower Upper
 75 100
 155 81.8 40.4 121.2
 157 111.6 51.3 153.9

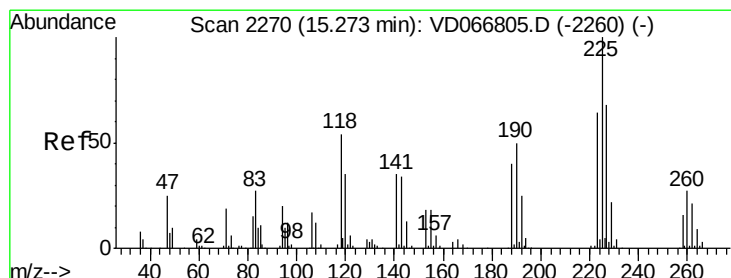
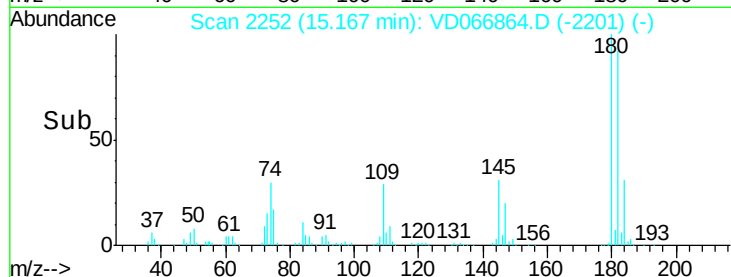
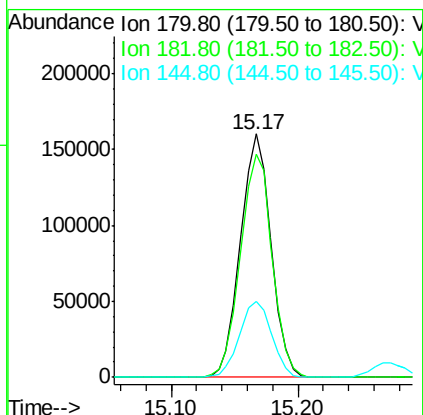
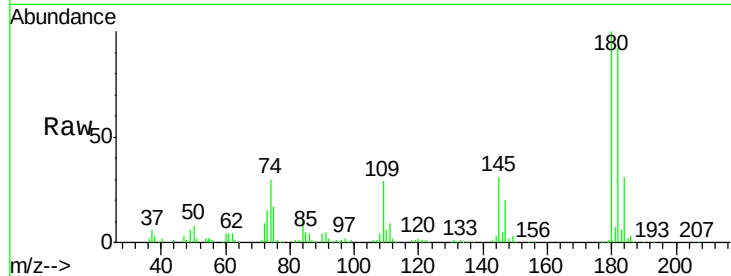




#93
 1,2,4-Trichlorobenzene
 Concen: 53.717 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

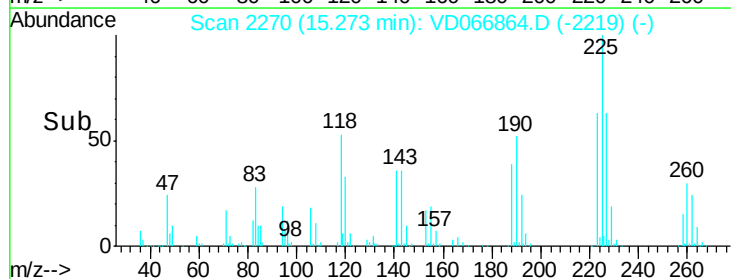
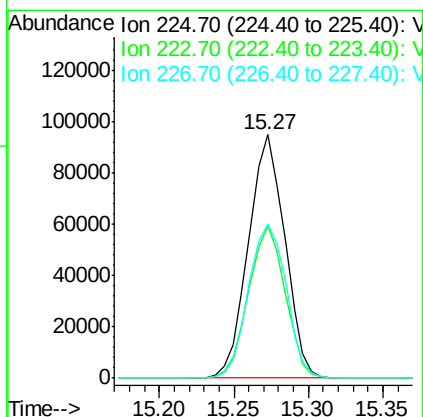
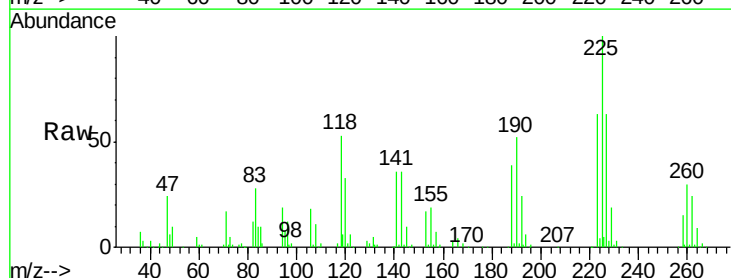
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

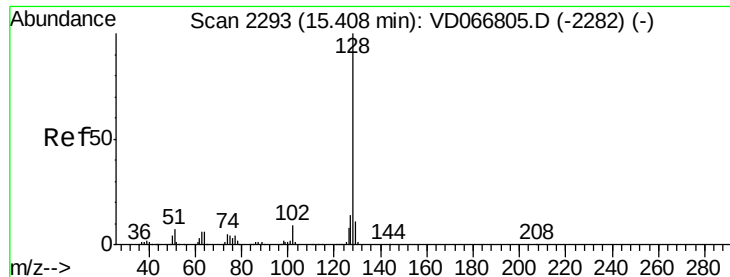
Tgt Ion:180 Resp: 268256
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.8 146.3
 145 33.2 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 53.530 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion:225 Resp: 160191
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.3
 227 65.4 31.7 95.1





#95

Naphthalene

Concen: 55.592 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

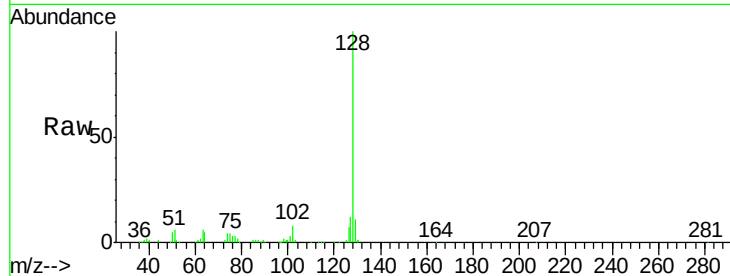
Tgt Ion:128 Resp: 471329

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.9 13.3

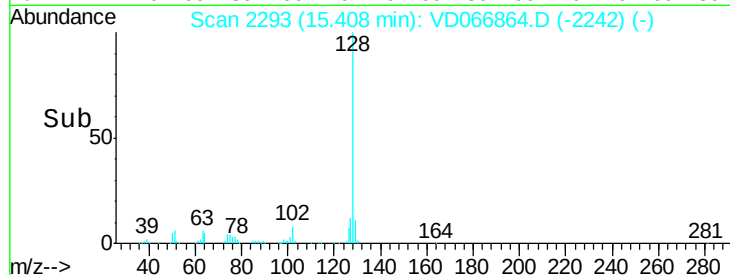


Abundance Ion 128.00 (127.70 to 128.70): V

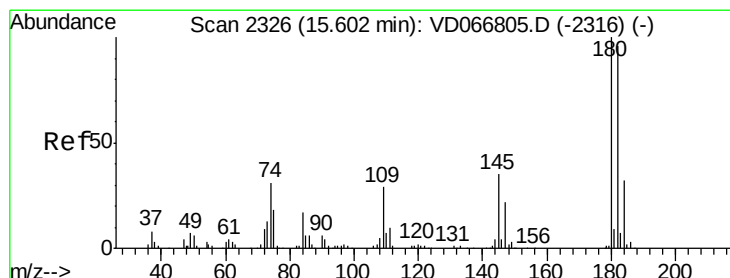
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.41



Time--> 15.30 15.40 15.50



#96

1,2,3-Trichlorobenzene

Concen: 54.332 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

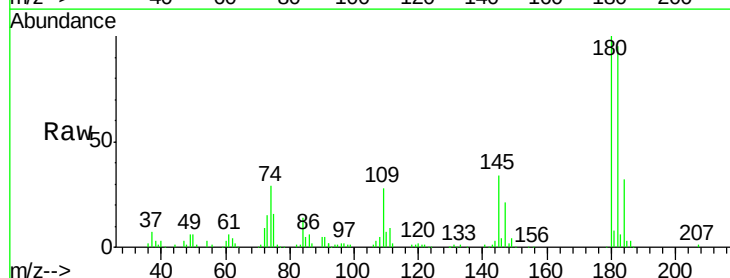
Tgt Ion:180 Resp: 234186

Ion Ratio Lower Upper

180 100

182 95.2 46.8 140.3

145 33.9 17.0 51.0

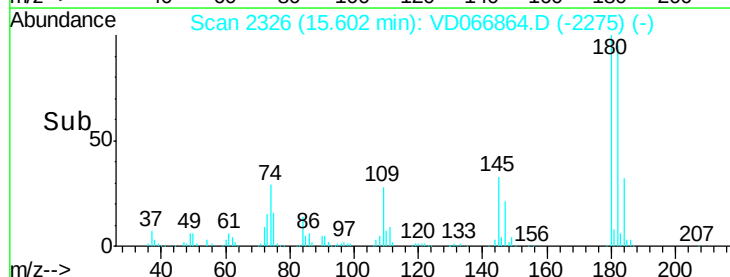


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.60



Time--> 15.50 15.60 15.70