

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066038.D
 Acq On : 24 Jul 2020 10:51
 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: Jul 24 23:50:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	300532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	425900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	399585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	131106	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.92	113	139520	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	10.34	98	528673	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.64	95	182393	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	98084	43.005	ug/l	97
3) Chloromethane	2.21	50	78042	41.930	ug/l	96
4) Vinyl Chloride	2.35	62	81732	46.113	ug/l	89
5) Bromomethane	2.77	94	58059	46.195	ug/l	99
6) Chloroethane	2.92	64	50895	48.102	ug/l	98
7) Trichlorofluoromethane	3.27	101	210123	48.739	ug/l	96
8) Diethyl Ether	3.70	74	57622	48.354	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	128811	49.483	ug/l	98
10) Methyl Iodide	4.30	142	137455	51.872	ug/l	95
11) Tert butyl alcohol	5.21	59	35654	229.527	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	117545	47.305	ug/l	94
13) Acrolein	3.92	56	45251	219.633	ug/l	97
14) Allyl chloride	4.71	41	177936	45.810	ug/l	93
15) Acrylonitrile	5.41	53	120703	237.090	ug/l	98
16) Acetone	4.15	43	129557	261.740	ug/l	91
17) Carbon Disulfide	4.40	76	356017	44.170	ug/l	99
18) Methyl Acetate	4.72	43	51129	44.403	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	260201	50.966	ug/l	98
20) Methylene Chloride	4.97	84	139556	51.052	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	136748	48.693	ug/l	94
22) Diisopropyl ether	6.36	45	369044	50.010	ug/l	97
23) Vinyl Acetate	6.30	43	1044458	250.968	ug/l	95
24) 1,1-Dichloroethane	6.26	63	223836	50.062	ug/l	96
25) 2-Butanone	7.21	43	158908	241.942	ug/l	98
26) 2,2-Dichloropropane	7.21	77	203632	50.645	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	146781	49.364	ug/l	99
28) Bromochloromethane	7.54	49	98449	51.878	ug/l	96
29) Tetrahydrofuran	7.56	42	95151	234.796	ug/l	96
30) Chloroform	7.71	83	235403	50.331	ug/l	97
31) Cyclohexane	7.99	56	198036	45.020	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	220911	51.063	ug/l	99
36) 1,1-Dichloropropene	8.11	75	186151	51.213	ug/l	98
37) Ethyl Acetate	7.30	43	70832	51.026	ug/l	98
38) Carbon Tetrachloride	8.09	117	207355	52.575	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	228503	51.911	ug/l	98
40) Benzene	8.35	78	518019	50.941	ug/l	98
41) Methacrylonitrile	7.56	41	97936	123.156	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	144932	52.011	ug/l	99
43) Isopropyl Acetate	8.46	43	130082	47.979	ug/l	98
44) Trichloroethene	9.11	130	161585	52.509	ug/l	87
45) 1,2-Dichloropropane	9.38	63	125678	51.029	ug/l	95
46) Dibromomethane	9.48	93	68209	51.446	ug/l	96
47) Bromodichloromethane	9.66	83	181551	51.788	ug/l	96
48) Methyl methacrylate	9.46	41	66612	48.706	ug/l	95
49) 1,4-Dioxane	9.47	88	15522	1010.511	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	343810	251.676	ug/l	99
52) Toluene	10.41	92	348935	52.617	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	171645	52.555	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	206616	52.189	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	98072	52.156	ug/l	96
56) Ethyl methacrylate	10.66	69	114822	52.521	ug/l	96
57) 1,3-Dichloropropane	10.95	76	162191	52.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	263417	252.227	ug/l	96
59) 2-Hexanone	10.98	43	250280	264.377	ug/l	97
60) Dibromochloromethane	11.14	129	135525	53.455	ug/l	99
61) 1,2-Dibromoethane	11.25	107	94922	52.356	ug/l	98
64) Tetrachloroethene	10.88	164	139207	51.328	ug/l	96
65) Chlorobenzene	11.67	112	381180	52.101	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	144991	53.672	ug/l	99
67) Ethyl Benzene	11.75	91	673871	53.522	ug/l	99
68) m/p-Xylenes	11.86	106	515633	106.551	ug/l	99
69) o-Xylene	12.18	106	241949	54.970	ug/l	98
70) Styrene	12.20	104	415071	54.885	ug/l	99
71) Bromoform	12.36	173	80932	51.145	ug/l #	94
73) Isopropylbenzene	12.48	105	674647	52.200	ug/l	99
74) N-amyl acetate	12.29	43	129703	48.402	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	100490	47.048	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	134975	83.928	ug/l #	100
77) Bromobenzene	12.77	156	166736	50.481	ug/l	96
78) n-propylbenzene	12.83	91	781935	52.138	ug/l	100
79) 2-Chlorotoluene	12.91	91	432406	50.467	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	569851	53.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	34453	49.159	ug/l	98
82) 4-Chlorotoluene	13.01	91	462888	51.184	ug/l	99
83) tert-Butylbenzene	13.23	119	491380	52.884	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	560204	53.476	ug/l	99
85) sec-Butylbenzene	13.41	105	682099	53.296	ug/l	100
86) p-Isopropyltoluene	13.52	119	631748	54.334	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	313415	51.108	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	322864	52.080	ug/l	98
89) n-Butylbenzene	13.85	91	588445	54.429	ug/l	99
90) Hexachloroethane	14.12	117	122754	50.999	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	278842	52.474	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	16256	46.438	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

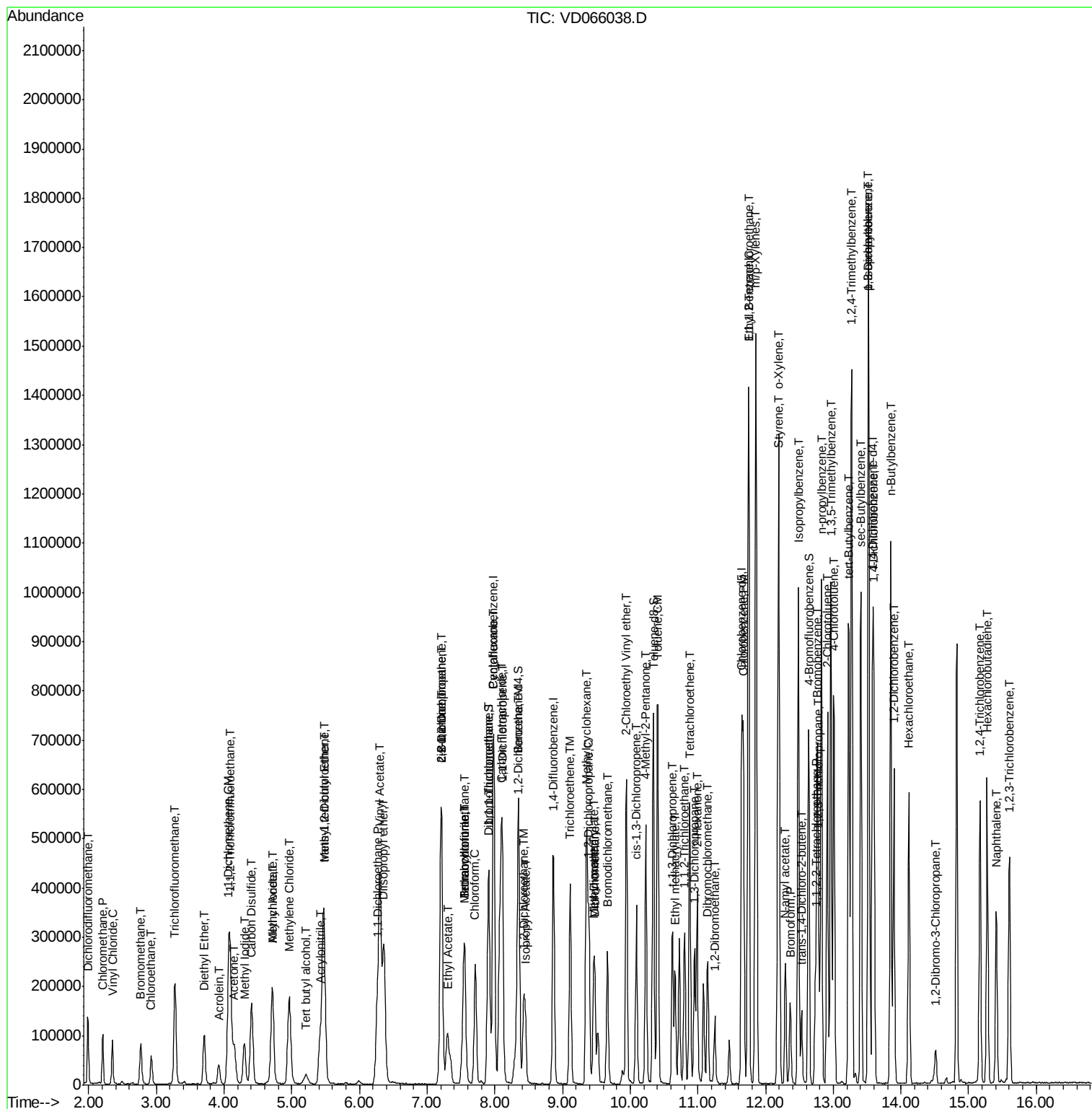
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	205914	53.985	ug/l	99
94) Hexachlorobutadiene	15.27	225	128224	54.375	ug/l	99
95) Naphthalene	15.41	128	323914	47.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	176304	53.169	ug/l	100

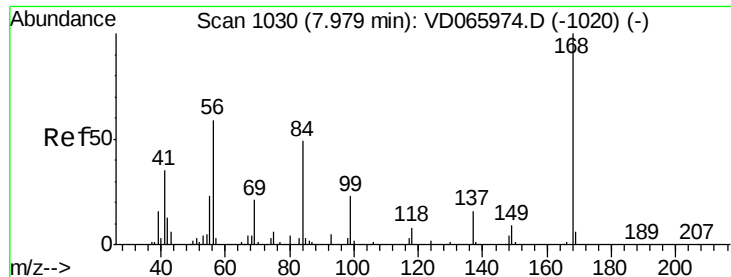
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

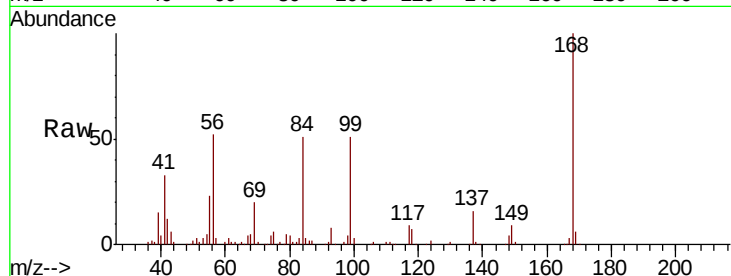
VSTDCCC050

Tot Ion:168 Resp: 300532

Ion Ratio Lower Upper

168 100

99 51.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

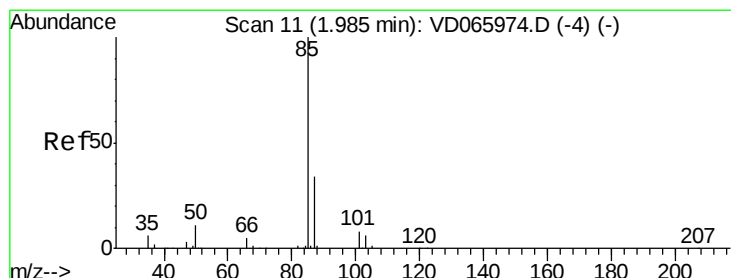
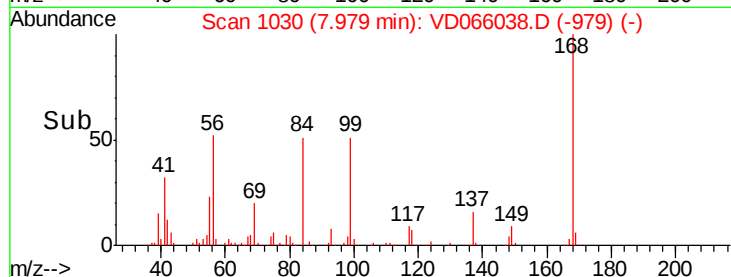
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.005 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066038.D

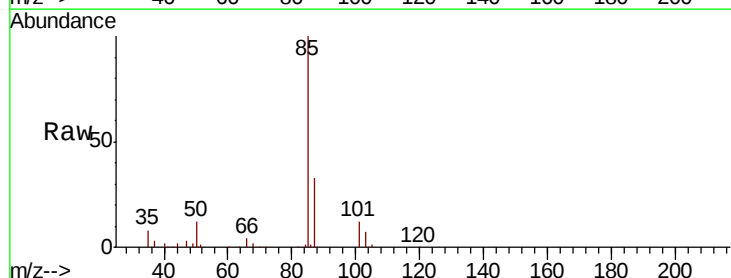
Acq: 24 Jul 2020 10:51

Tgt Ion: 85 Resp: 98084

Ion Ratio Lower Upper

85 100

87 32.7 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

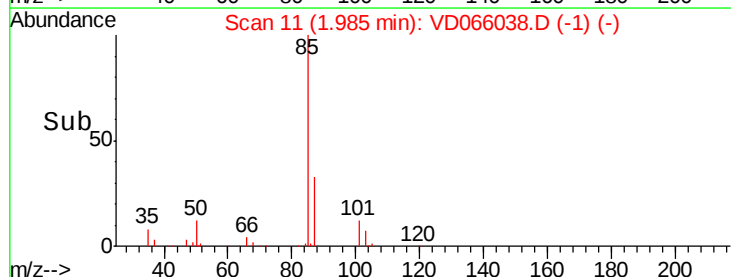
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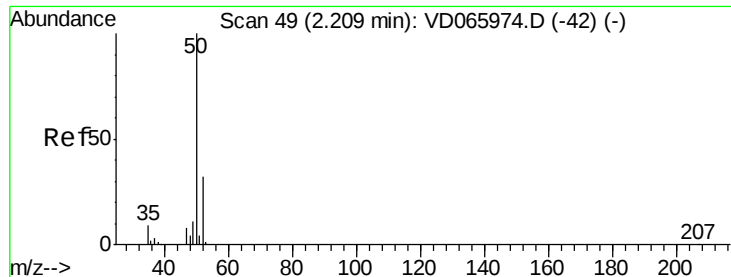
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.930 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

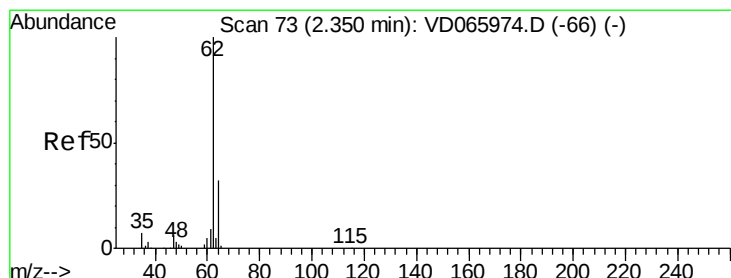
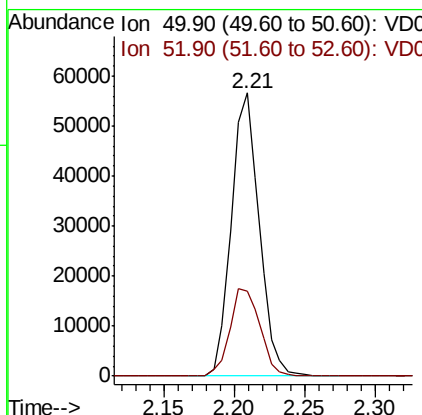
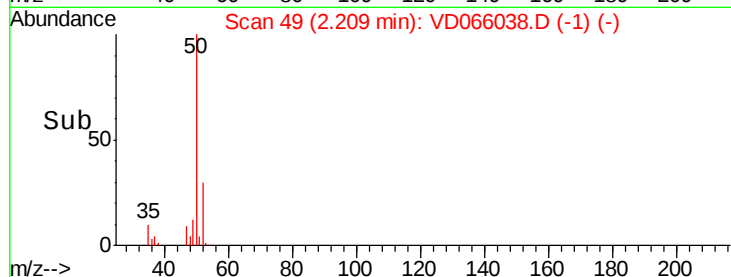
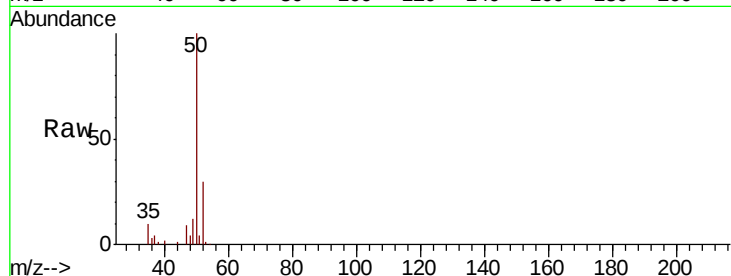
VSTDCCC050

Tot Ion: 50 Resp: 78042

Ion Ratio Lower Upper

50 100

52 30.1 25.8 38.8



#4

Vinyl Chloride

Concen: 46.113 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066038.D

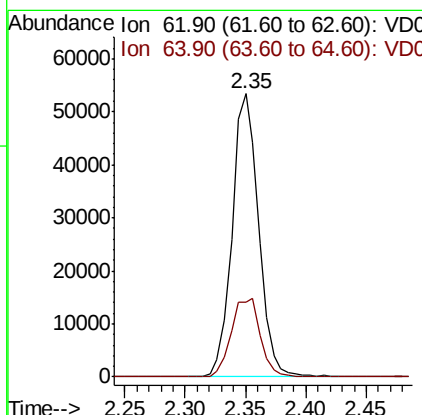
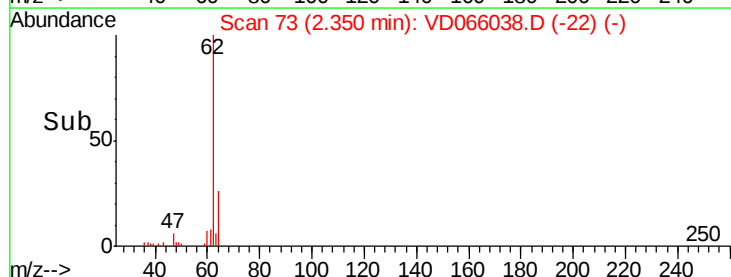
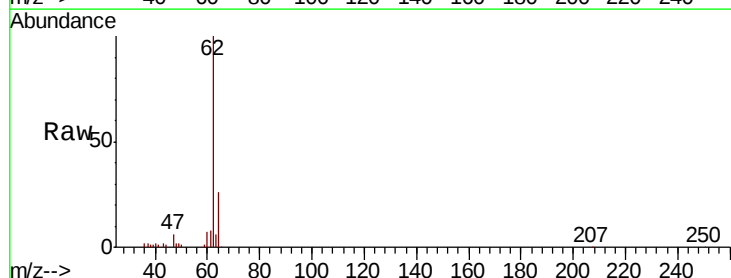
Acq: 24 Jul 2020 10:51

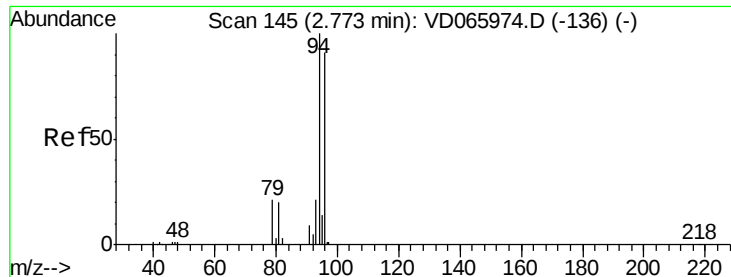
Tgt Ion: 62 Resp: 81732

Ion Ratio Lower Upper

62 100

64 26.3 25.8 38.8





#5

Bromomethane

Concen: 46.195 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

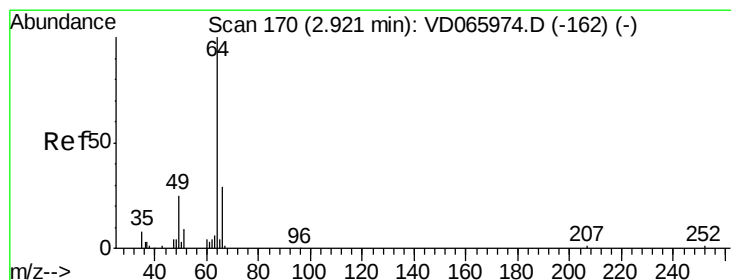
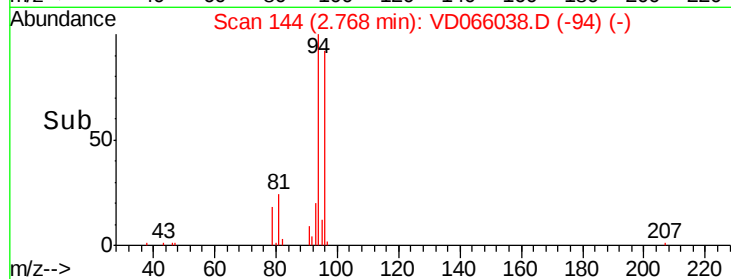
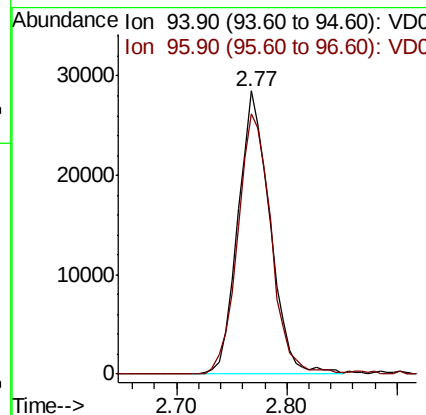
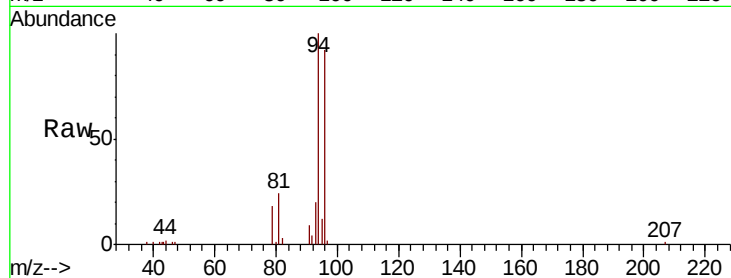
VSTDCCC050

Tot Ion: 94 Resp: 58059

Ion Ratio Lower Upper

94 100

96 92.1 73.0 109.4



#6

Chloroethane

Concen: 48.102 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066038.D

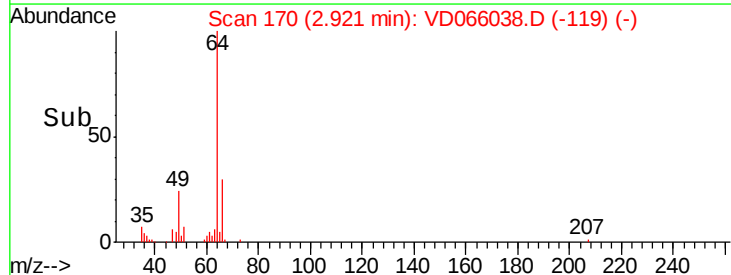
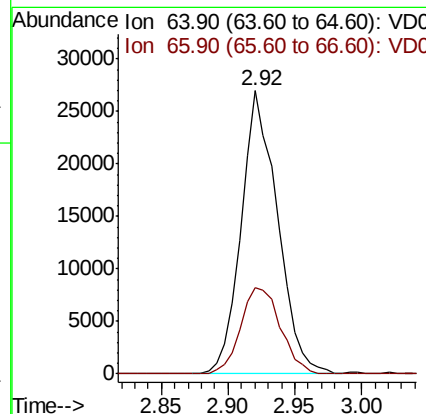
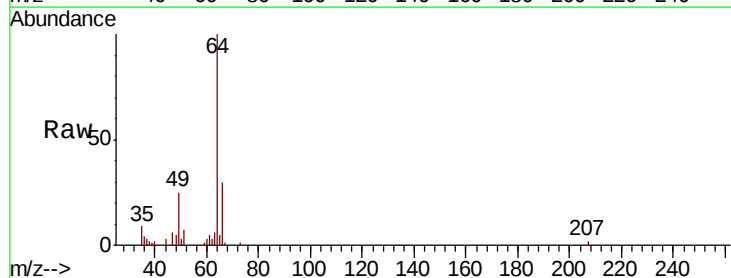
Acq: 24 Jul 2020 10:51

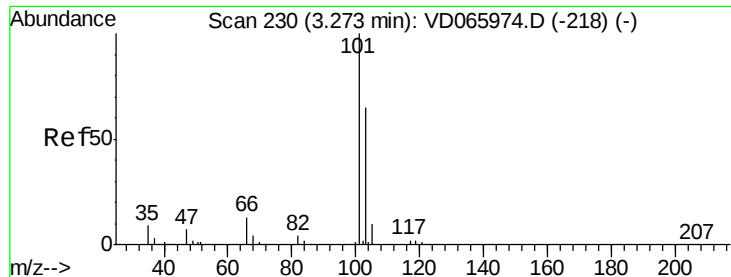
Tgt Ion: 64 Resp: 50895

Ion Ratio Lower Upper

64 100

66 30.4 23.4 35.0



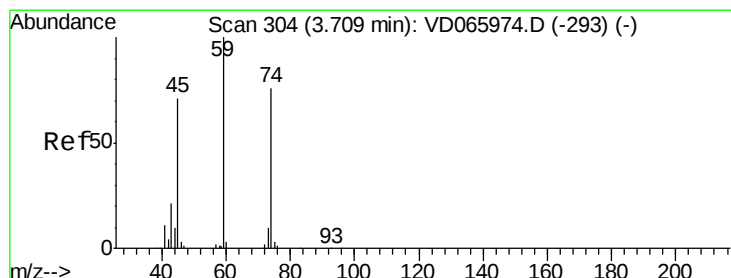
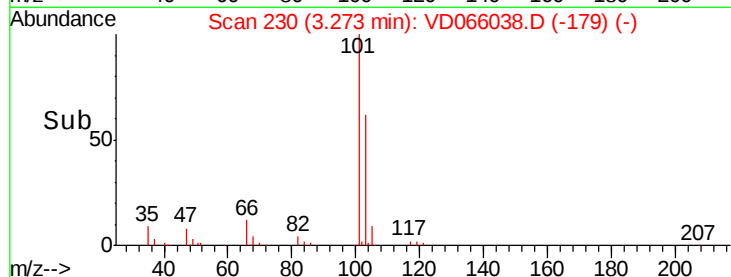
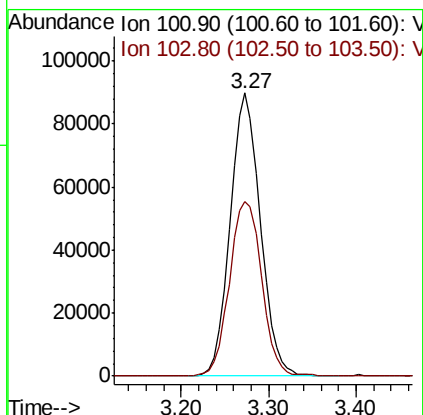
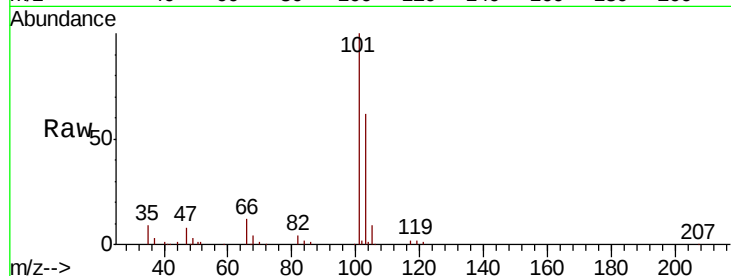


#7

Trichlorofluoromethane
 Concen: 48.739 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

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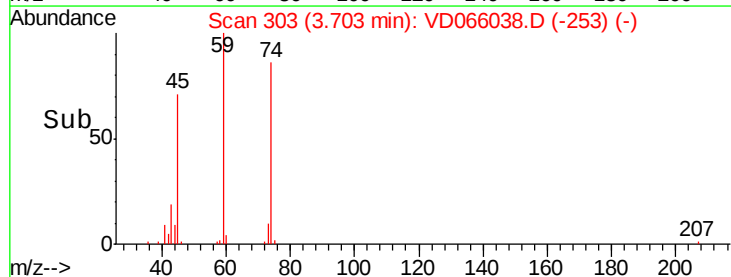
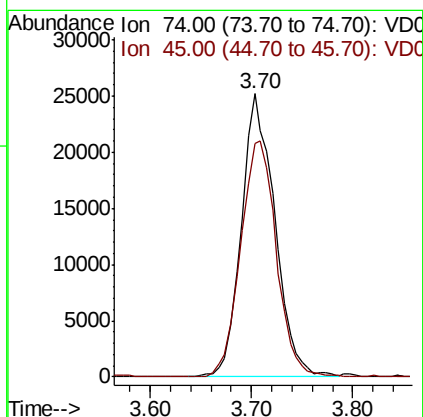
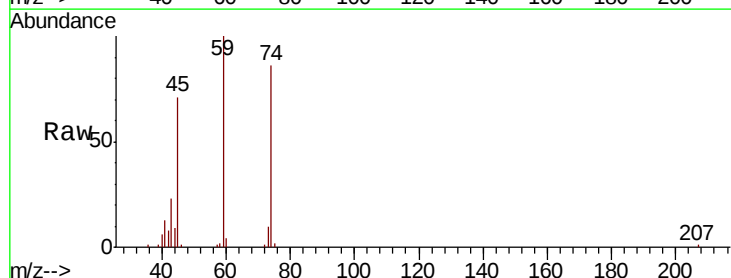
Tot Ion:101 Resp: 210123
 Ion Ratio Lower Upper
 101 100
 103 61.6 52.1 78.1

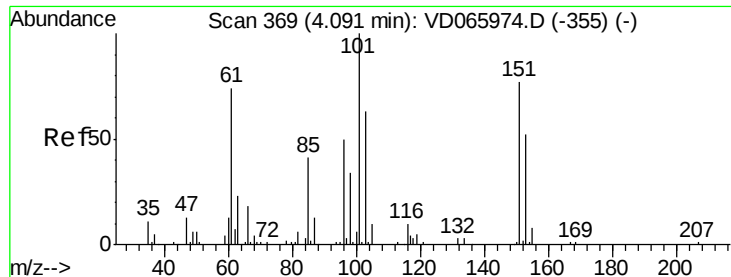


#8

Diethyl Ether
 Concen: 48.354 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion: 74 Resp: 57622
 Ion Ratio Lower Upper
 74 100
 45 89.0 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.483 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

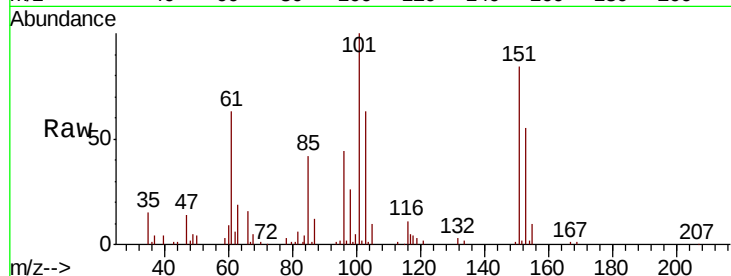
Tot Ion:101 Resp: 128811

Ion Ratio Lower Upper

101 100

85 40.2 33.6 50.4

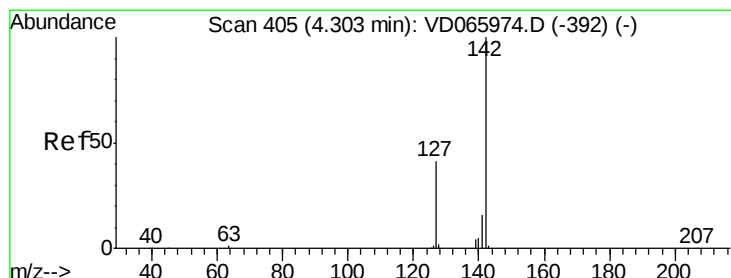
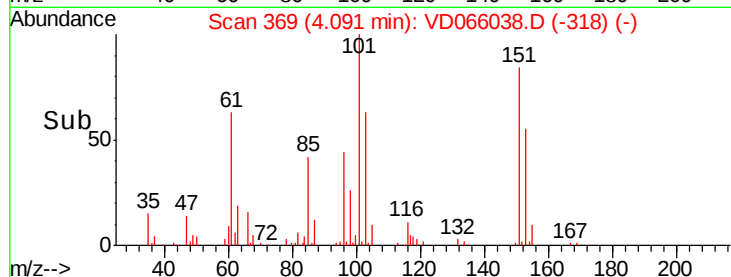
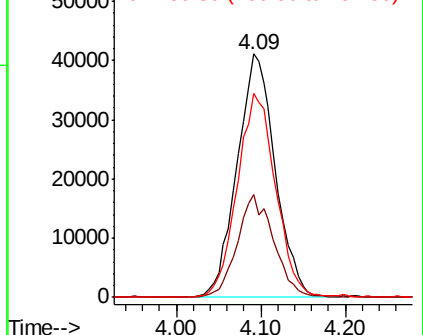
151 84.6 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.872 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

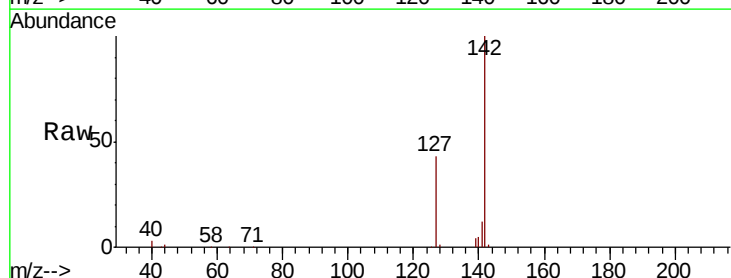
Tgt Ion:142 Resp: 137455

Ion Ratio Lower Upper

142 100

127 45.1 32.9 49.3

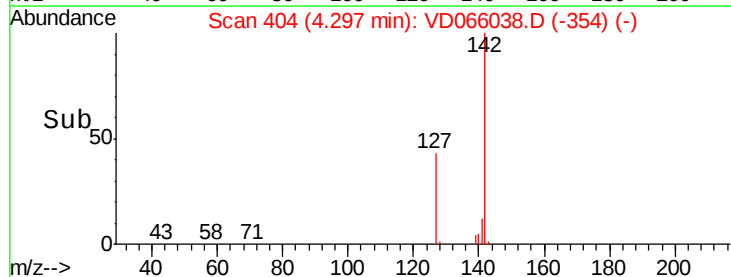
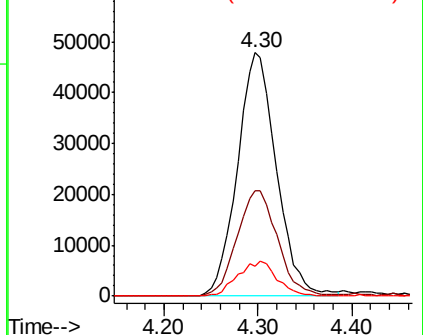
141 14.4 11.8 17.6

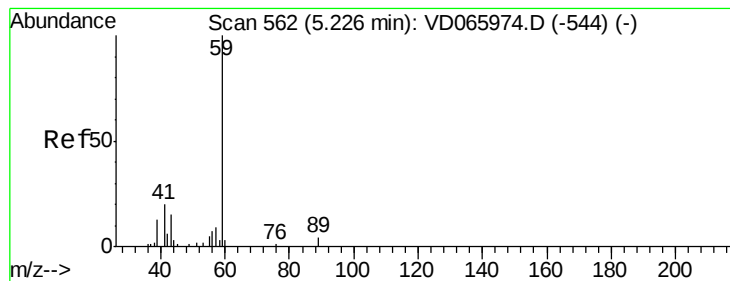


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



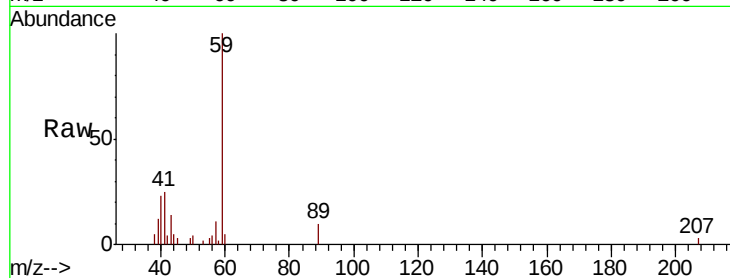


#11

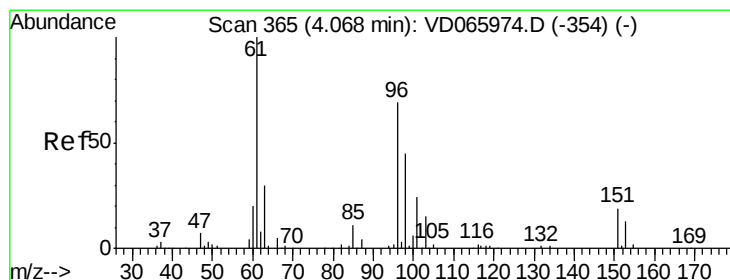
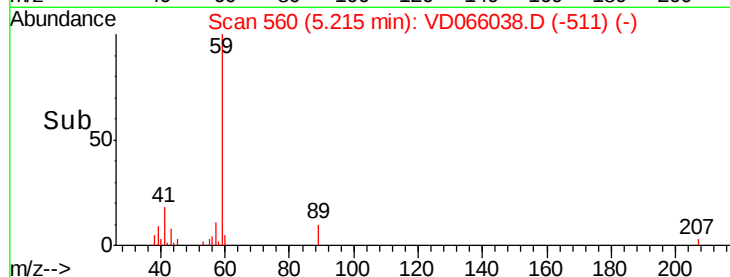
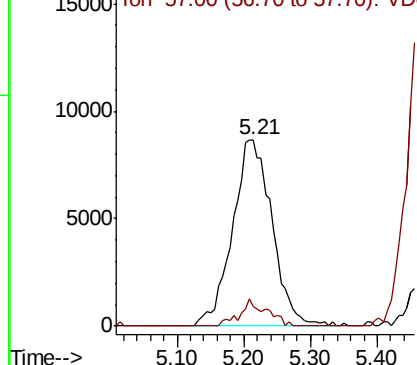
Tert butyl alcohol
 Concen: 229.527 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 35654
 Ion Ratio Lower Upper
 59 100
 57 9.7 4.5 6.7#



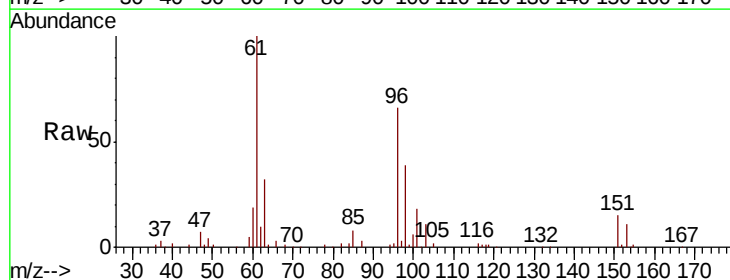
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



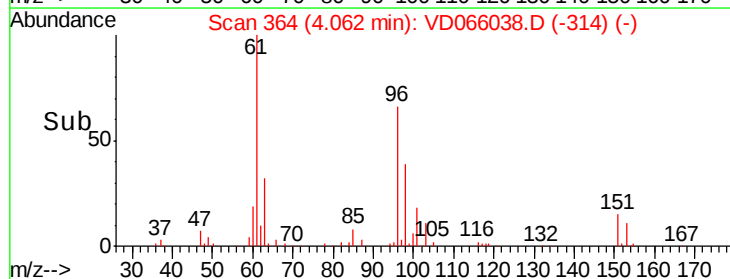
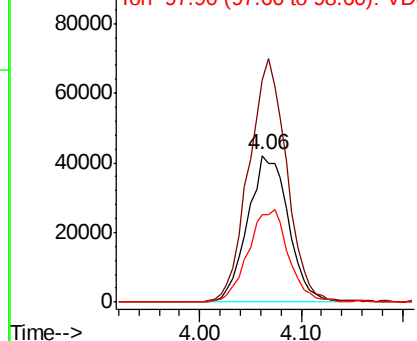
#12

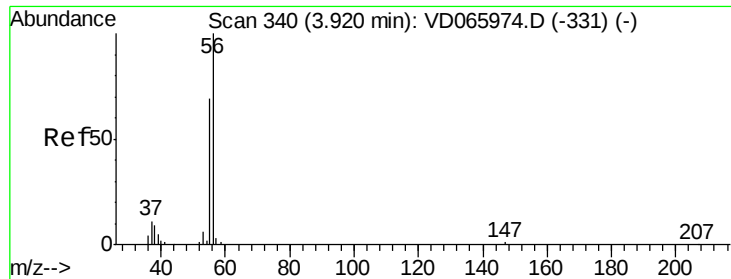
1,1-Dichloroethene
 Concen: 47.305 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion: 96 Resp: 117545
 Ion Ratio Lower Upper
 96 100
 61 151.8 115.4 173.0
 98 59.6 51.5 77.3



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: 219.633 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

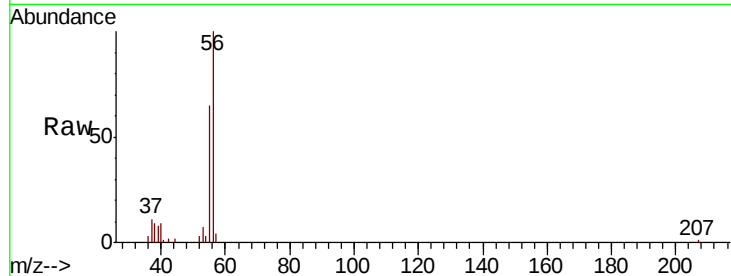
VSTDCCC050

Tot Ion: 56 Resp: 45251

Ion Ratio Lower Upper

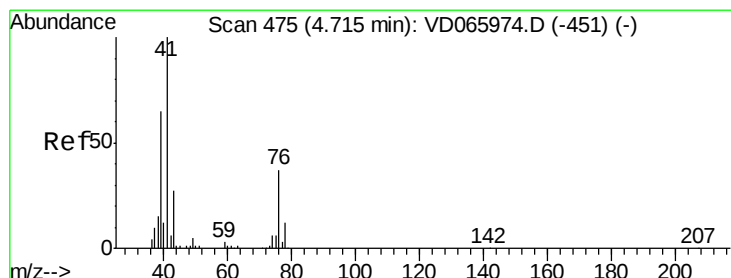
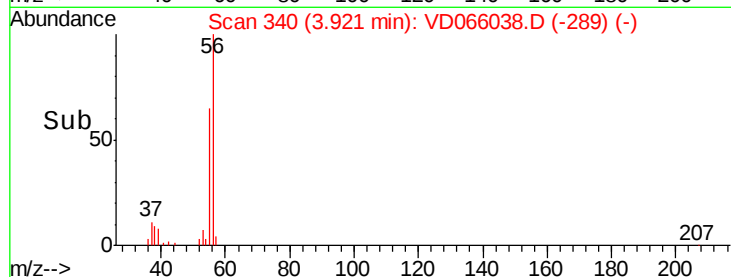
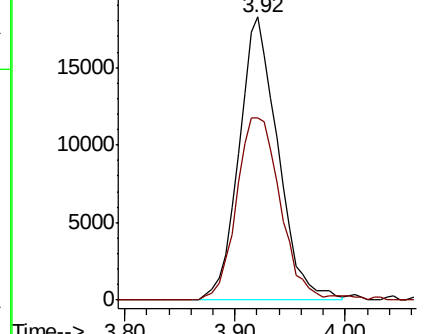
56 100

55 71.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 45.810 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

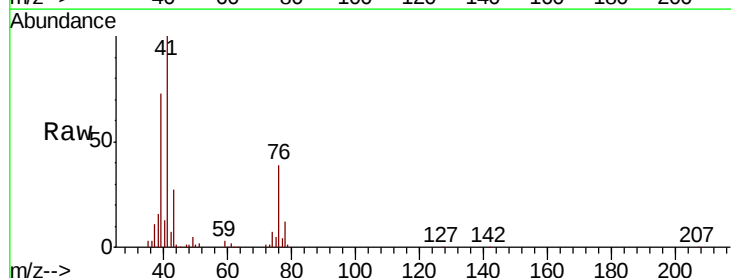
Tgt Ion: 41 Resp: 177936

Ion Ratio Lower Upper

41 100

39 73.6 53.4 80.2

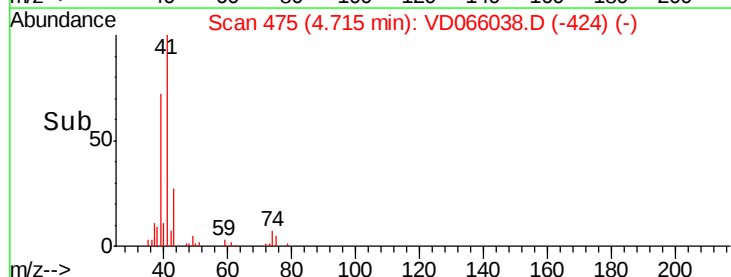
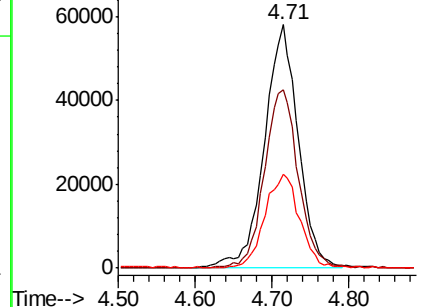
76 39.6 29.1 43.7

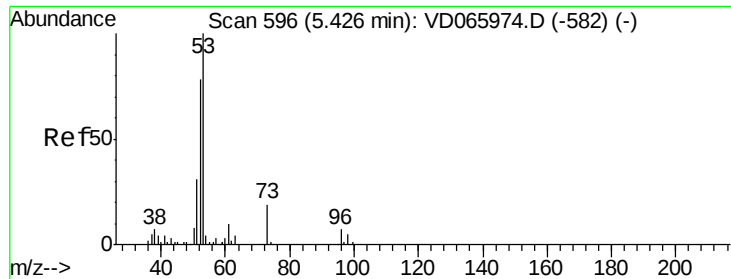


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 237.090 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

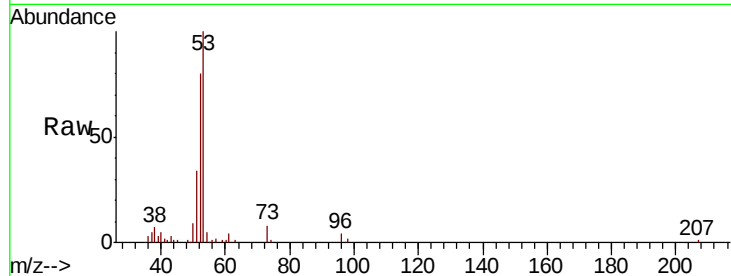
Tot Ion: 53 Resp: 120703

Ion Ratio Lower Upper

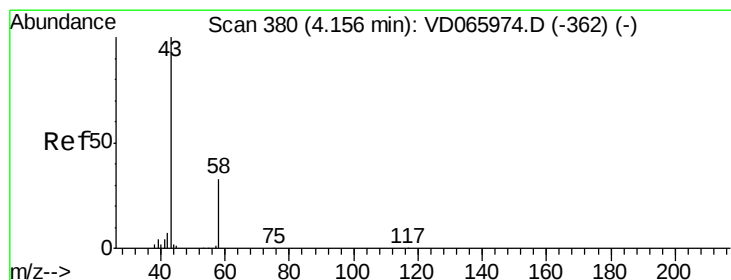
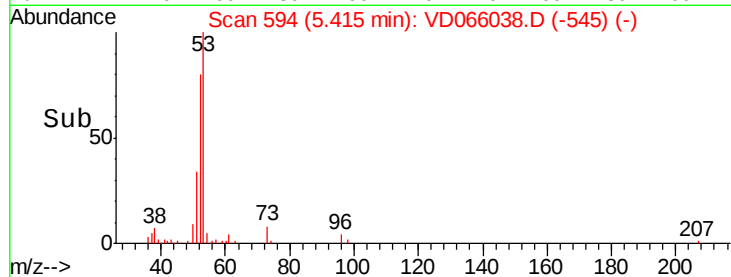
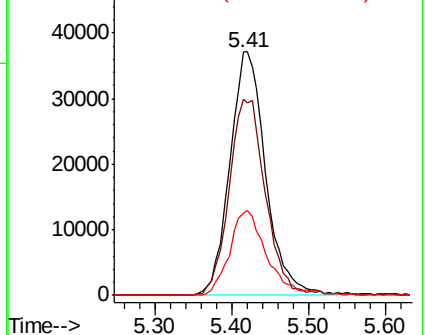
53 100

52 81.9 67.1 100.7

51 36.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 261.740 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066038.D

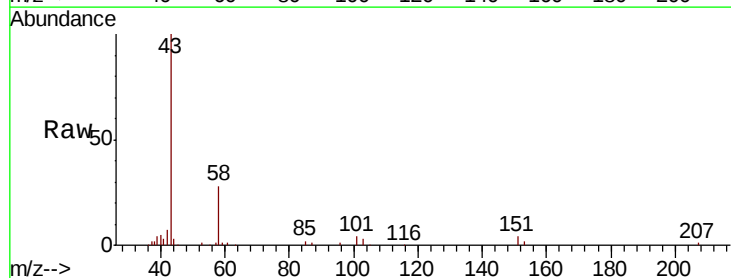
Acq: 24 Jul 2020 10:51

Tgt Ion: 43 Resp: 129557

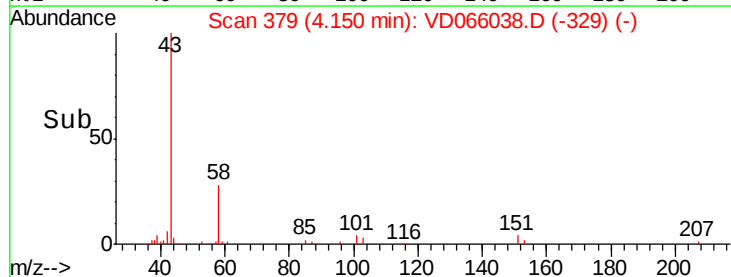
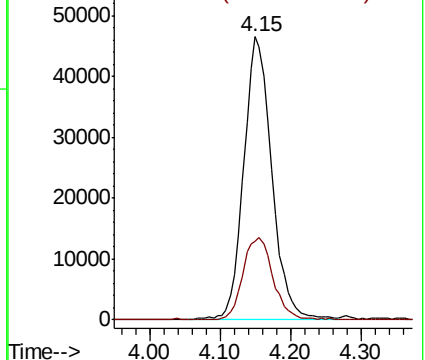
Ion Ratio Lower Upper

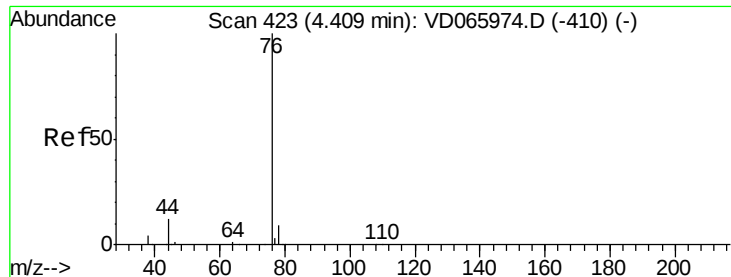
43 100

58 27.6 26.3 39.5



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





#17

Carbon Disulfide

Concen: 44.170 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

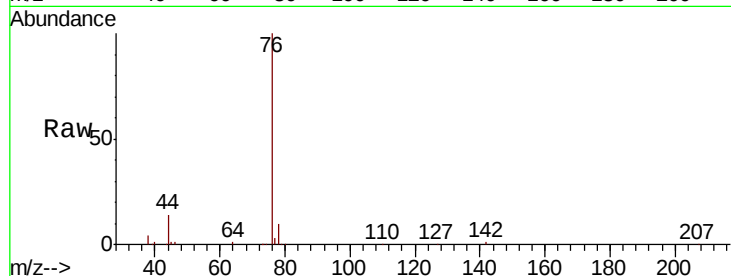
VSTDCCC050

Tot Ion: 76 Resp: 356017

Ion Ratio Lower Upper

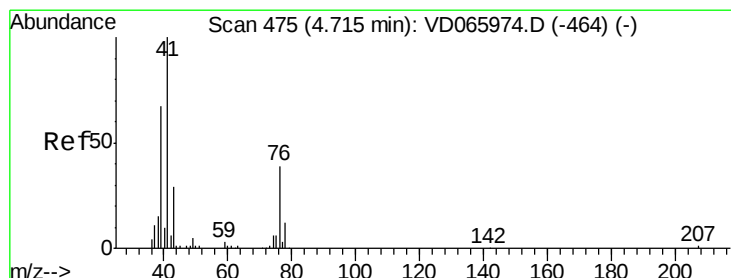
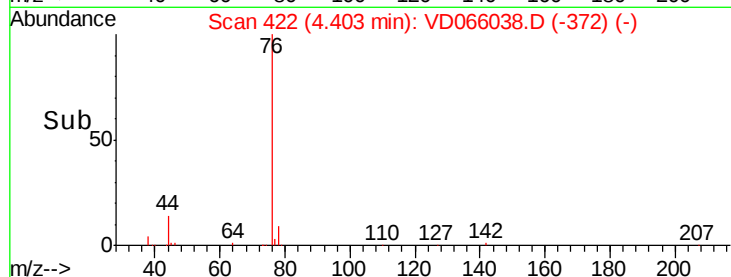
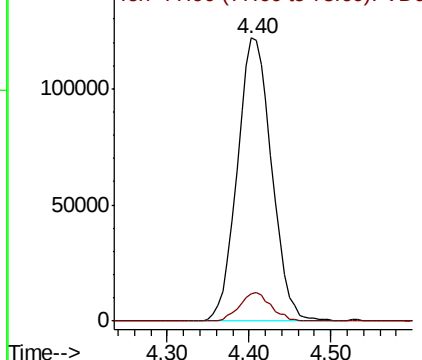
76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 44.403 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066038.D

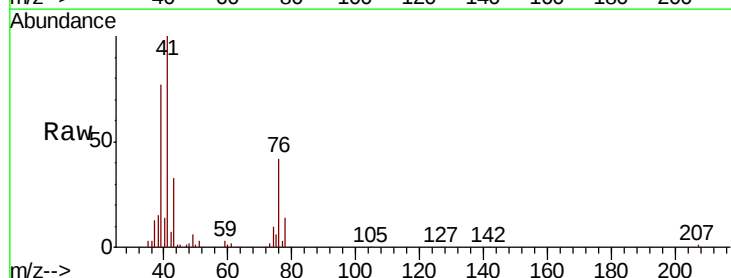
Acq: 24 Jul 2020 10:51

Tgt Ion: 43 Resp: 51129

Ion Ratio Lower Upper

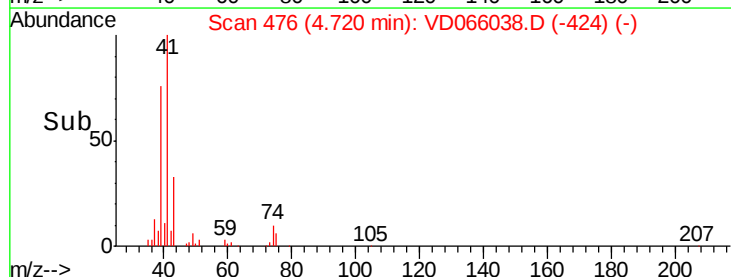
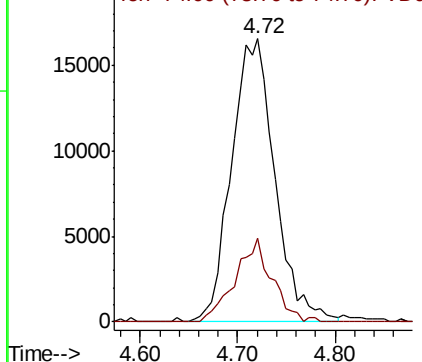
43 100

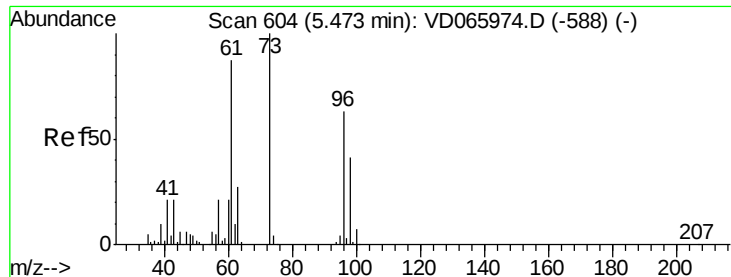
74 25.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

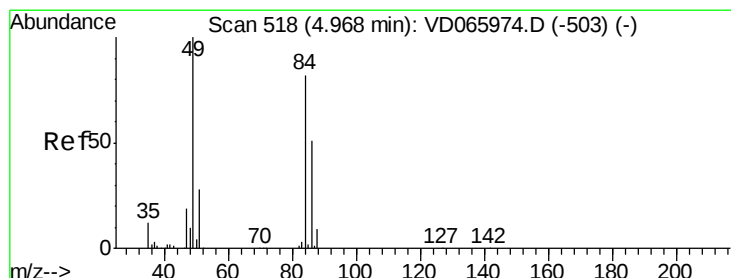
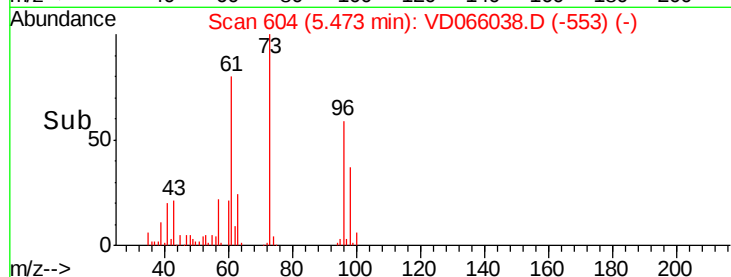
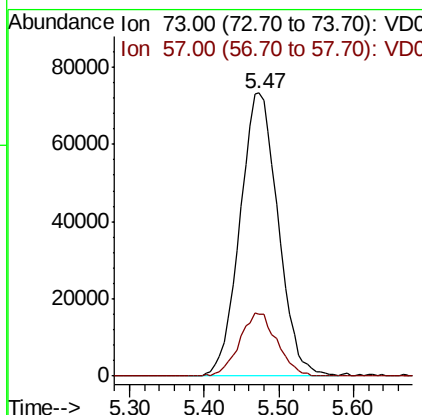
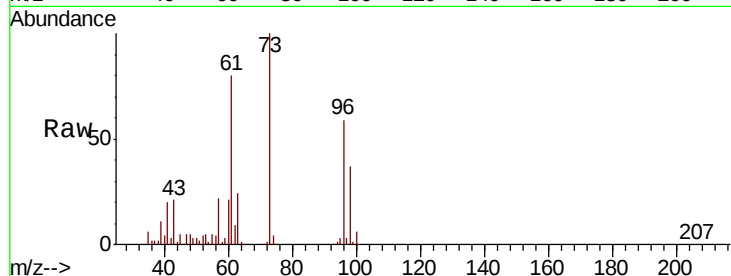




#19
Methyl tert-butyl Ether
Concen: 50.966 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

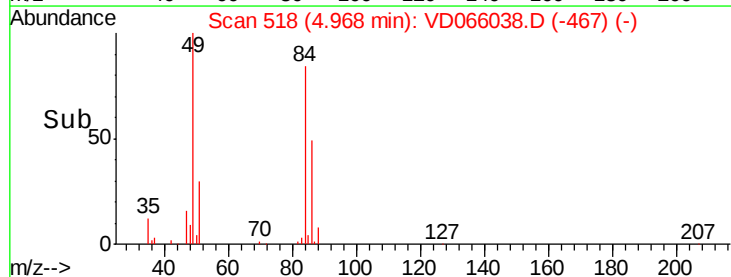
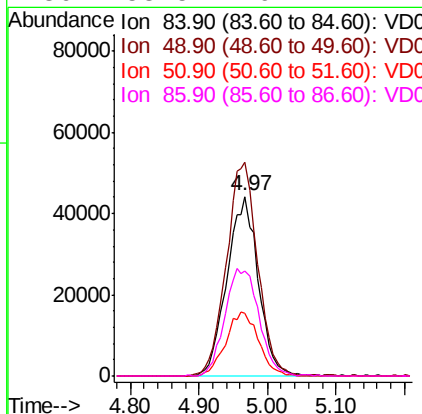
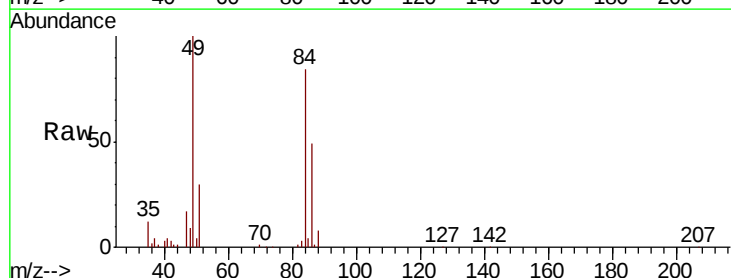
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

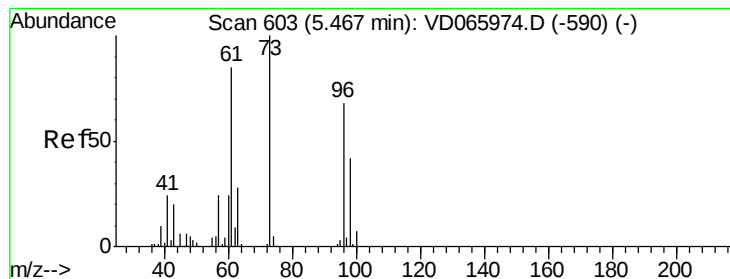
Tot Ion: 73 Resp: 260201
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.4



#20
Methylene Chloride
Concen: 51.052 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion: 84 Resp: 139556
Ion Ratio Lower Upper
84 100
49 119.1 97.7 146.5
51 35.3 27.4 41.2
86 58.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 48.693 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

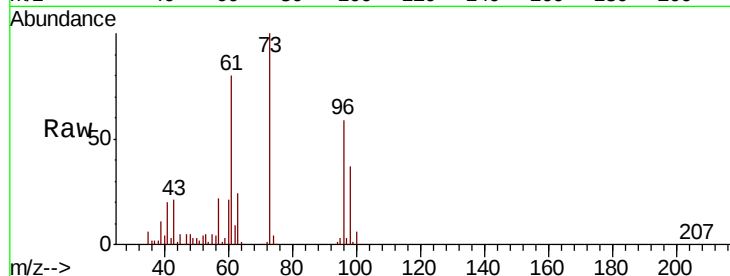
Tot Ion: 96 Resp: 136748

Ion Ratio Lower Upper

96 100

61 134.6 100.5 150.7

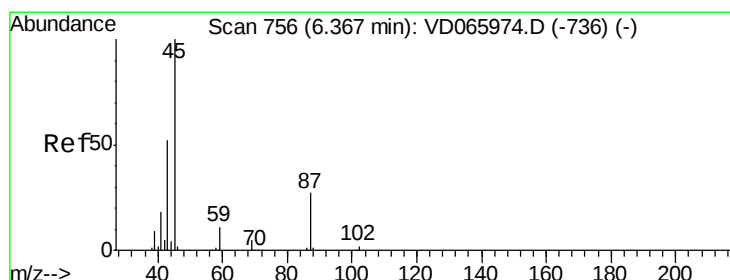
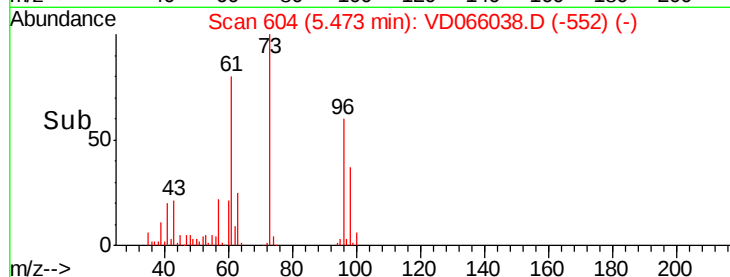
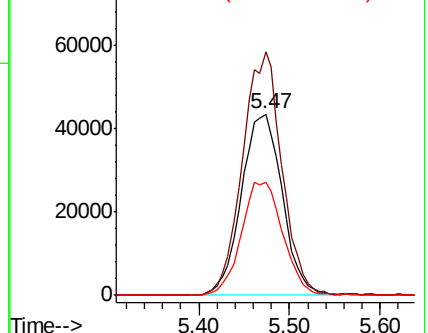
98 62.7 49.7 74.5



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



#22

Diisopropyl ether

Concen: 50.010 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Tgt Ion: 45 Resp: 369044

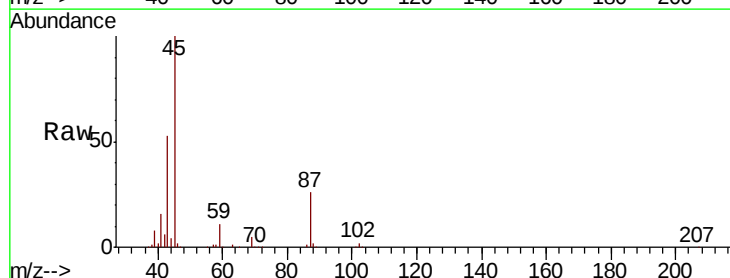
Ion Ratio Lower Upper

45 100

43 52.4 43.0 64.4

87 25.4 22.0 33.0

59 10.6 9.1 13.7

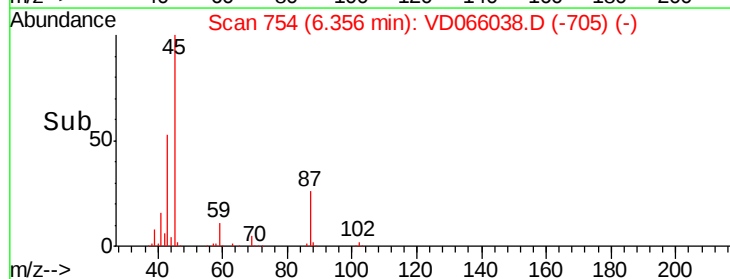
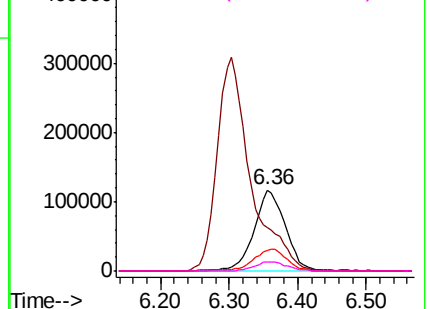


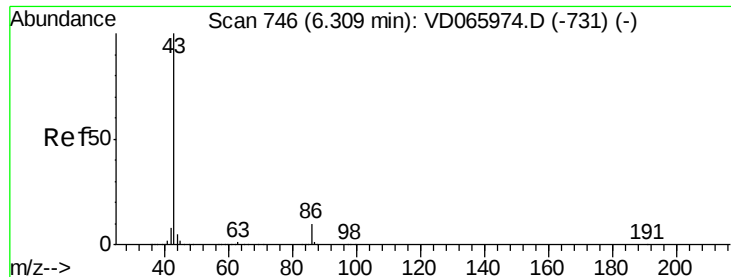
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 250.968 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

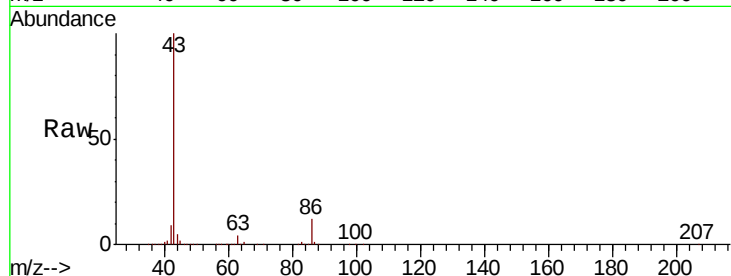
VSTDCCC050

Tot Ion: 43 Resp: 1044458

Ion Ratio Lower Upper

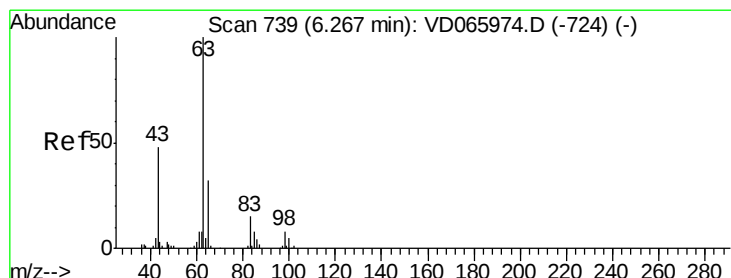
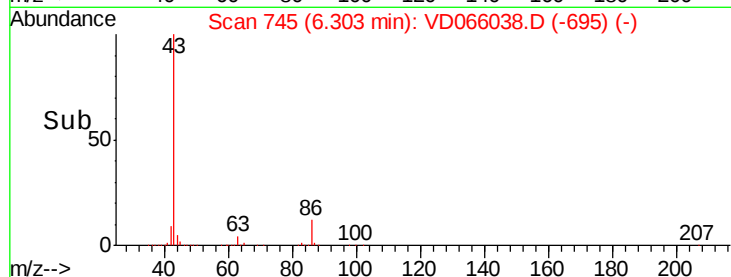
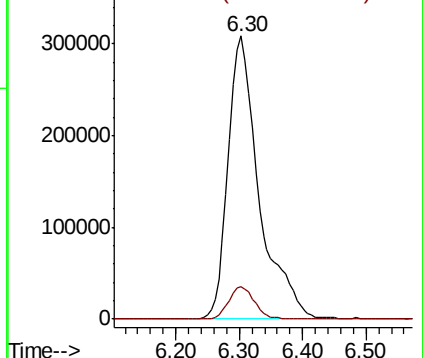
43 100

86 11.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.062 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

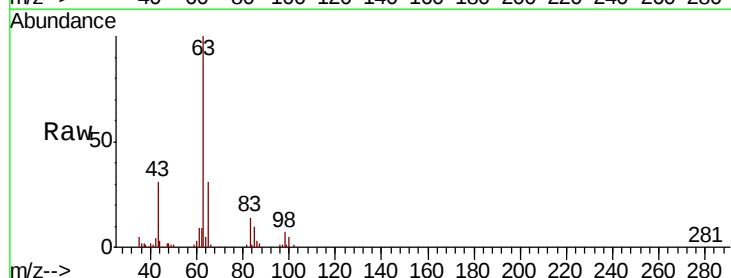
Tgt Ion: 63 Resp: 223836

Ion Ratio Lower Upper

63 100

98 6.7 4.3 12.8

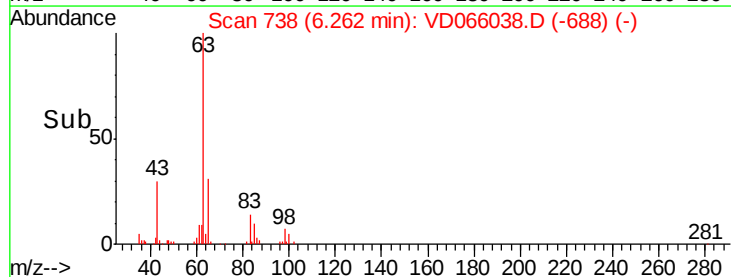
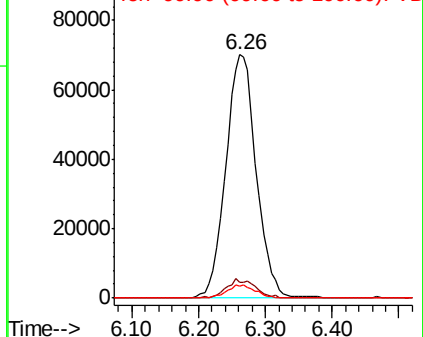
100 4.7 2.5 7.5

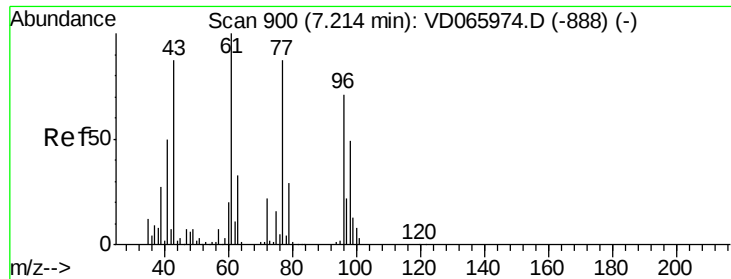


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 241.942 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

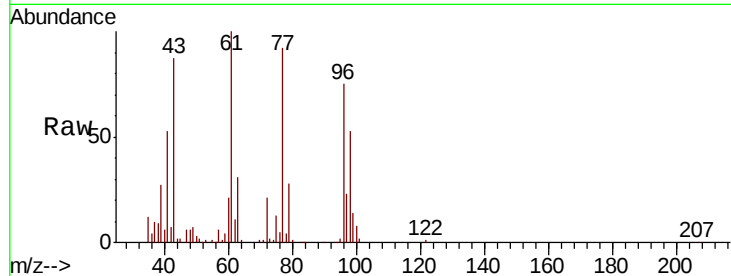
VSTDCCC050

Tot Ion: 43 Resp: 158908

Ion Ratio Lower Upper

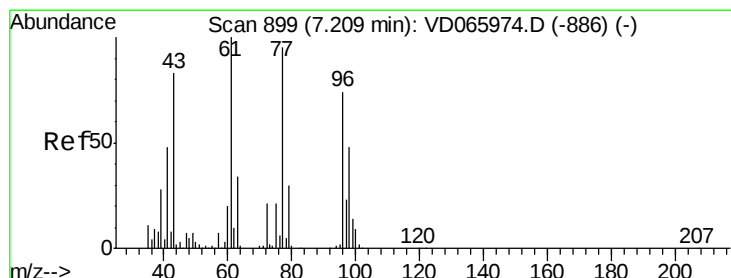
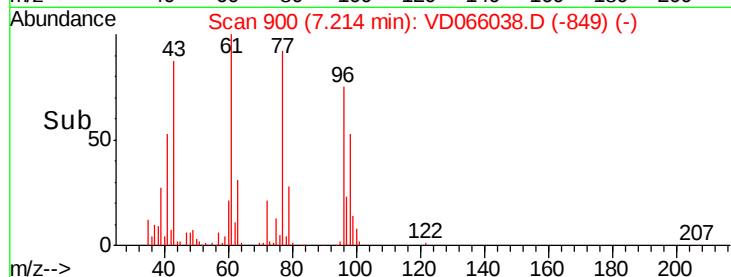
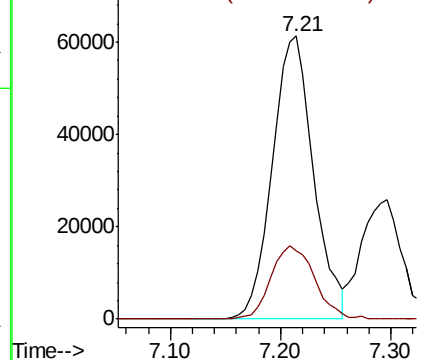
43 100

72 23.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.645 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066038.D

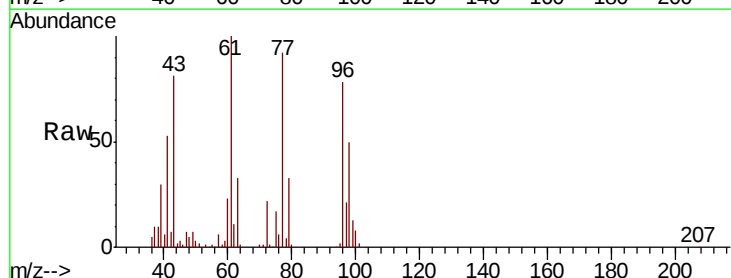
Acq: 24 Jul 2020 10:51

Tgt Ion: 77 Resp: 203632

Ion Ratio Lower Upper

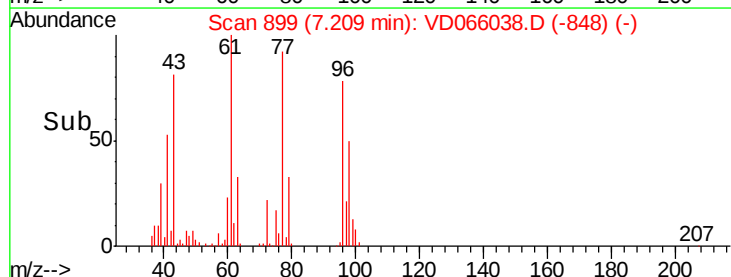
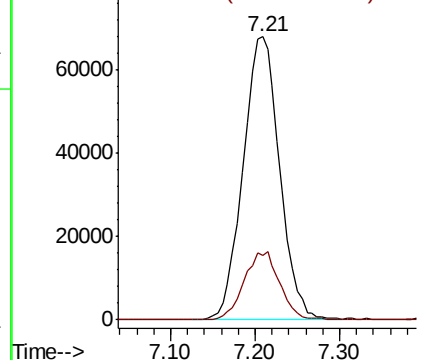
77 100

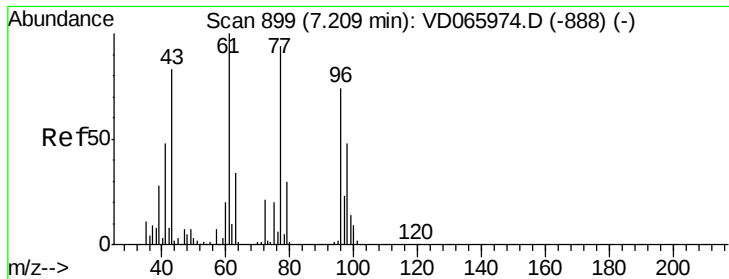
97 23.5 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



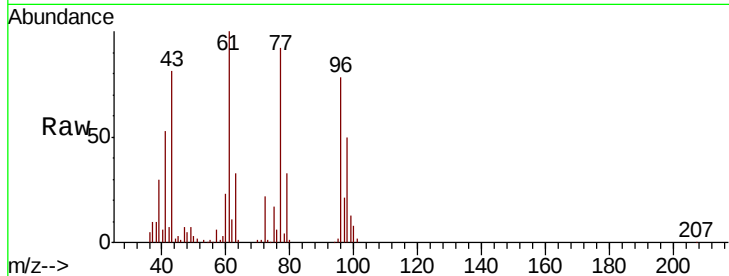


#27

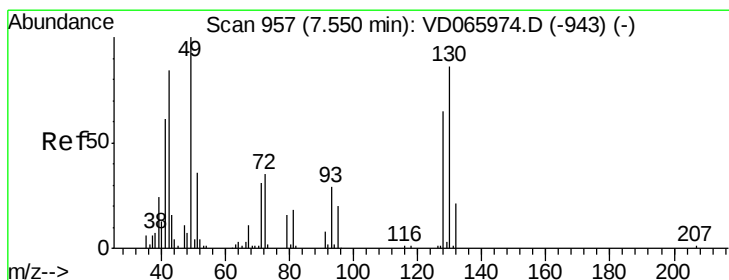
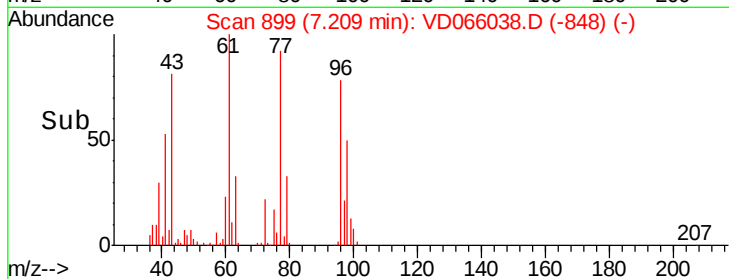
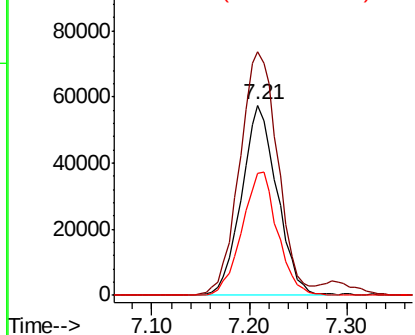
cis-1,2-Dichloroethene
 Concen: 49.364 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 146781
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 276.6
 98 64.8 0.0 130.8



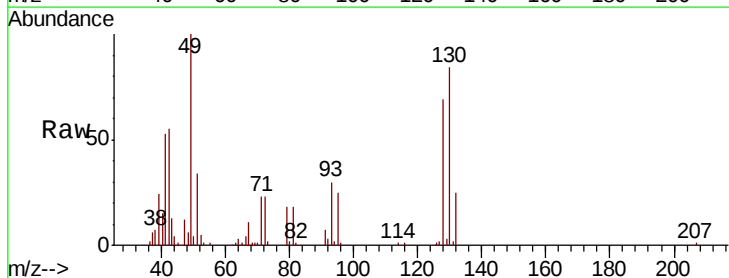
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



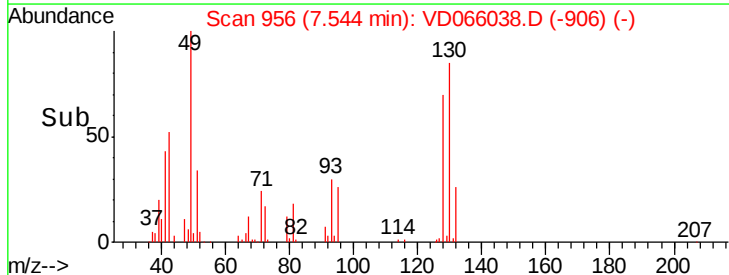
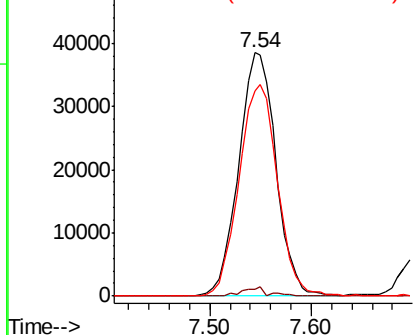
#28

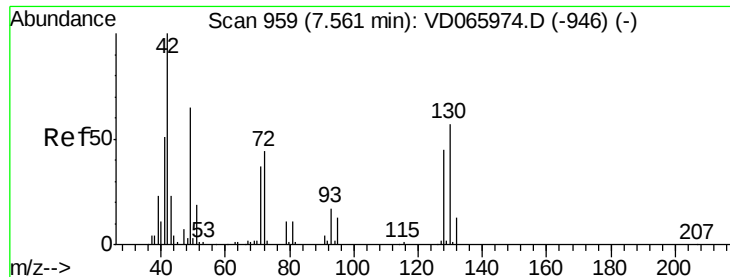
Bromochloromethane
 Concen: 51.878 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion: 49 Resp: 98449
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 89.5 68.4 102.6



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: 234.796 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

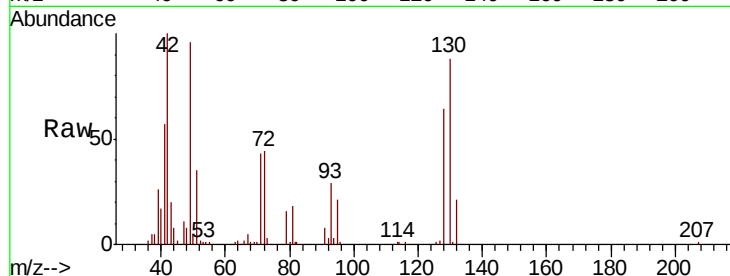
Tot Ion: 42 Resp: 95151

Ion Ratio Lower Upper

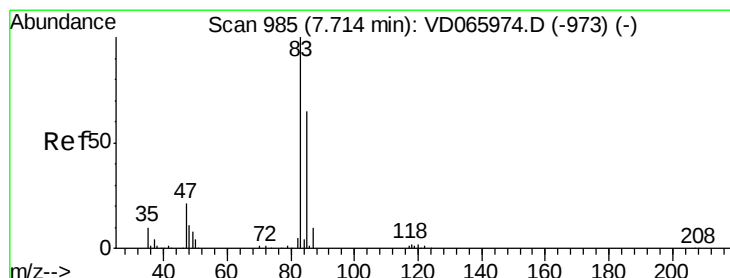
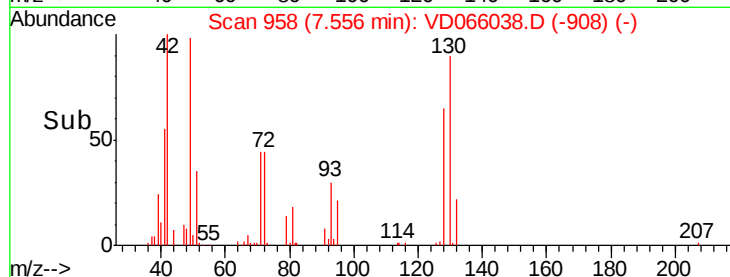
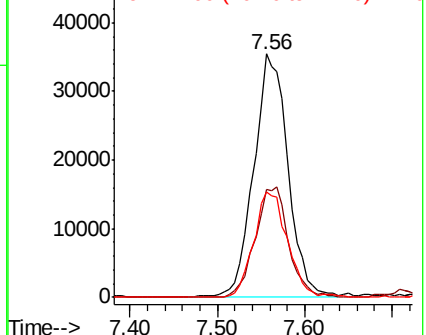
42 100

72 44.2 34.2 51.2

71 42.3 31.4 47.2



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



#30

Chloroform

Concen: 50.331 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD066038.D

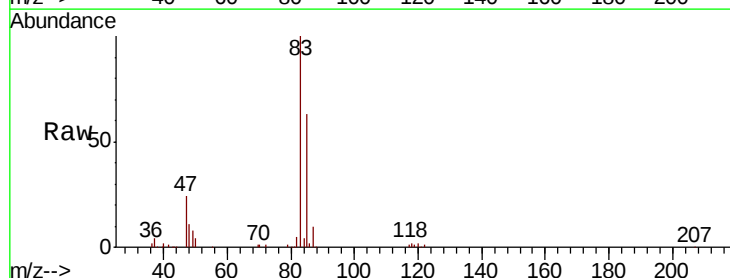
Acq: 24 Jul 2020 10:51

Tgt Ion: 83 Resp: 235403

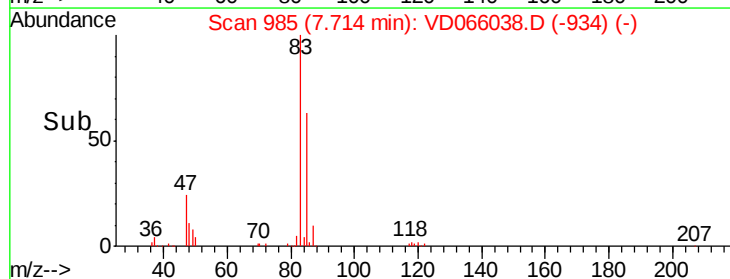
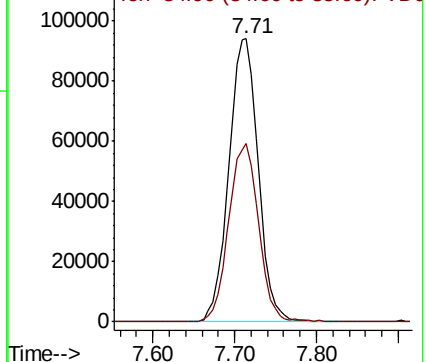
Ion Ratio Lower Upper

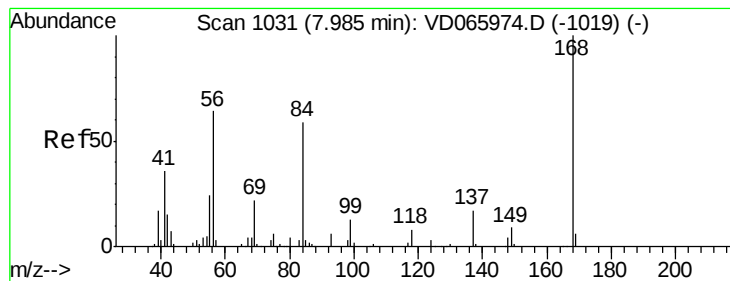
83 100

85 63.0 52.1 78.1



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





#31

Cyclohexane

Concen: 45.020 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

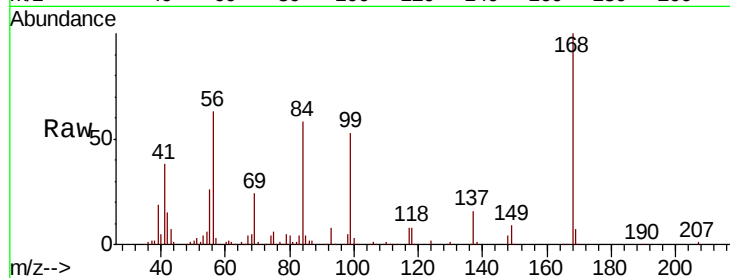
Tot Ion: 56 Resp: 198036

Ion Ratio Lower Upper

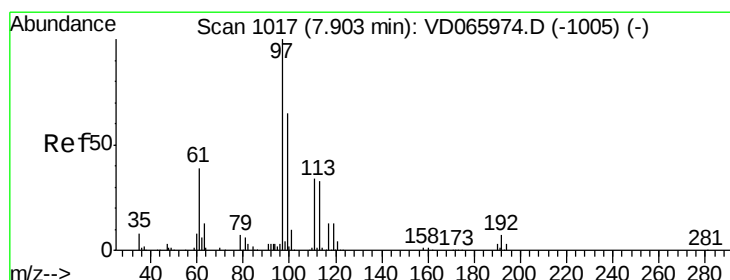
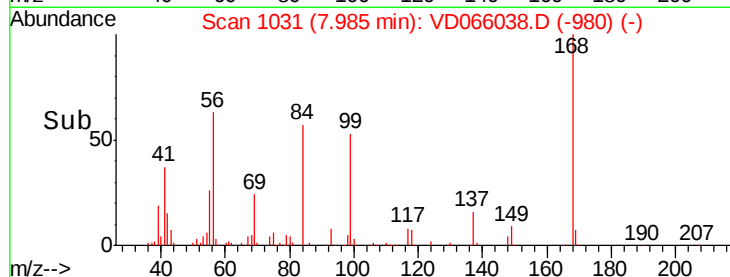
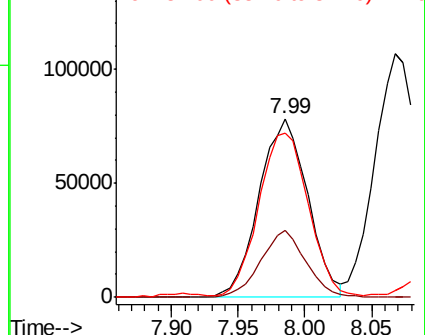
56 100

69 37.4 28.0 42.0

84 90.7 72.6 109.0



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: 51.063 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

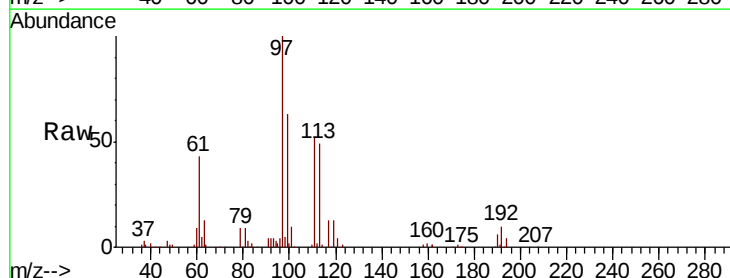
Tgt Ion: 97 Resp: 220911

Ion Ratio Lower Upper

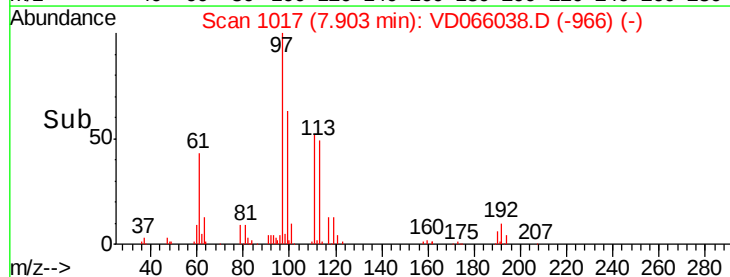
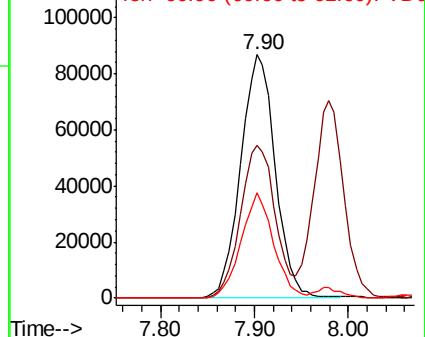
97 100

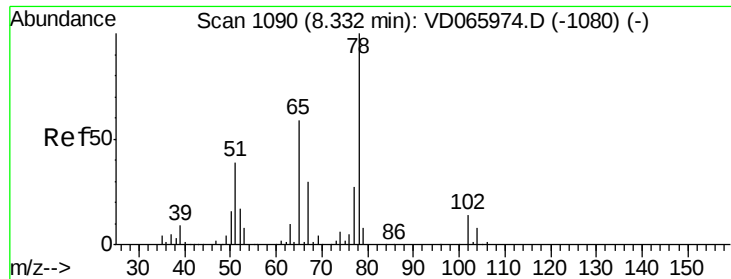
99 63.7 51.8 77.6

61 40.7 33.3 49.9



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

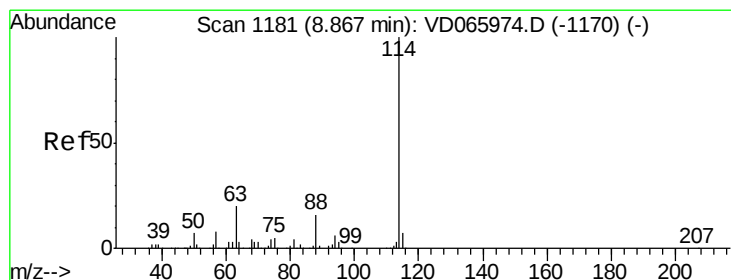
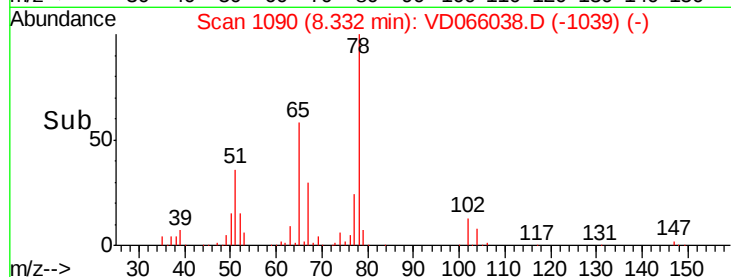
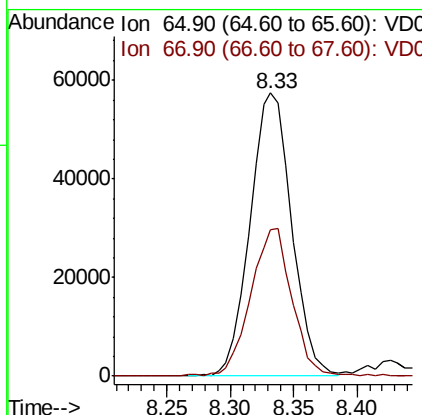
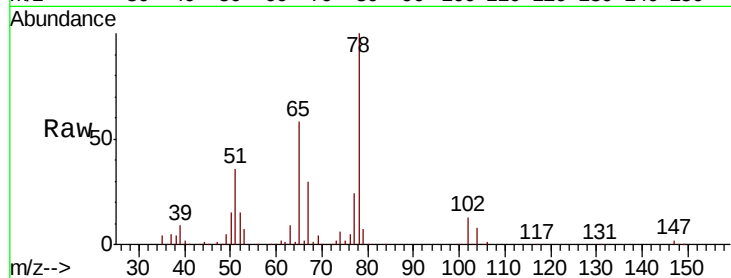




#33
 1,2-Dichloroethane-d4
 Concen: 53.613 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

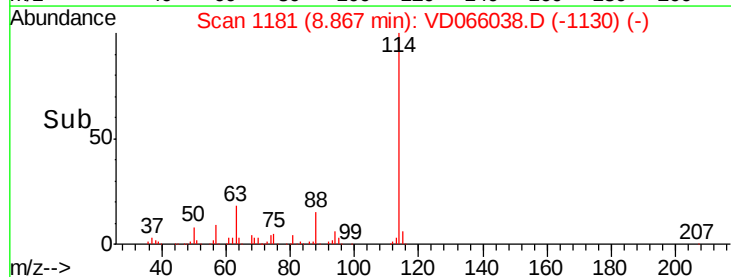
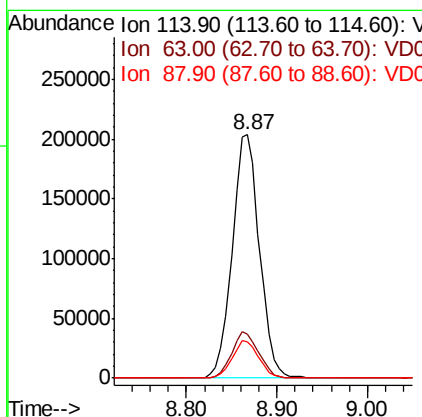
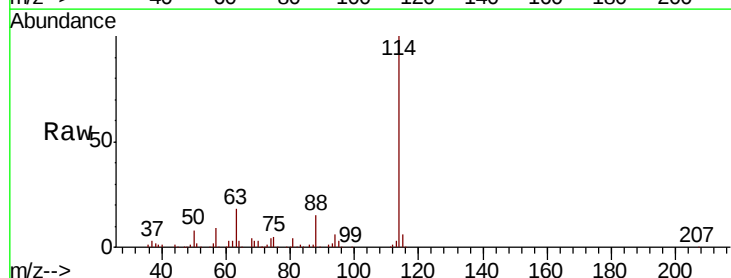
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

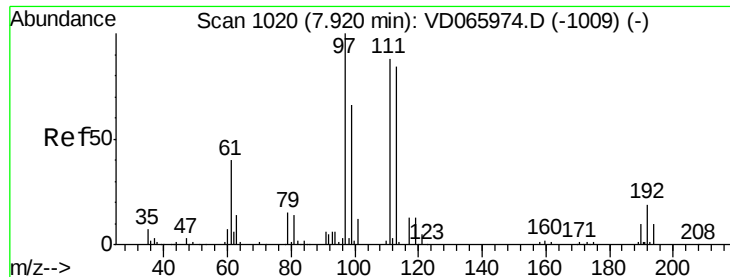
Tot Ion: 65 Resp: 131106
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion: 114 Resp: 425900
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.6
 88 14.6 0.0 31.2

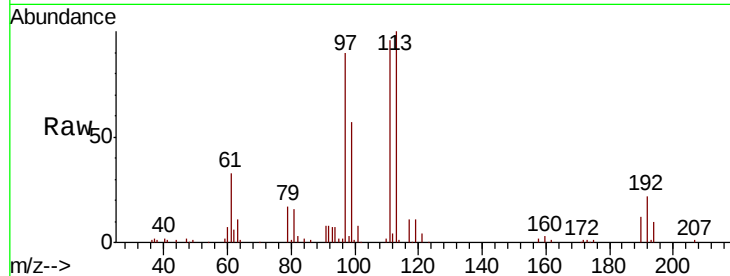




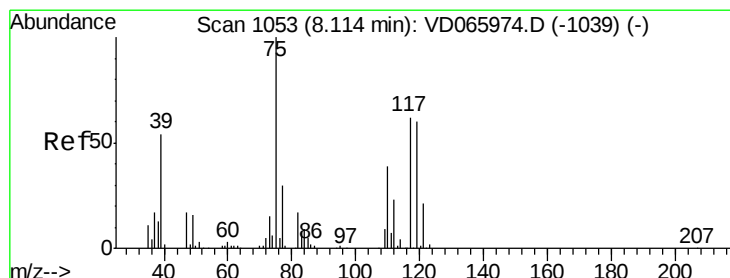
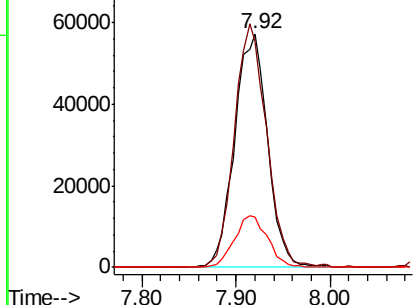
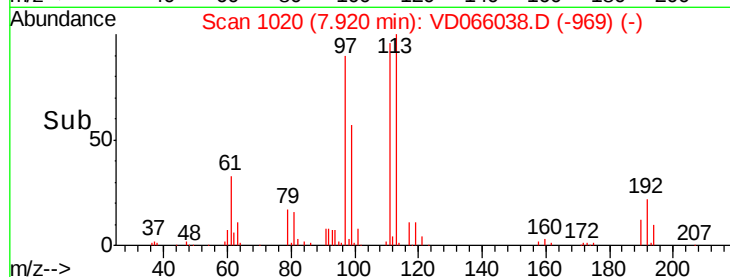
#35
 Dibromofluoromethane
 Concen: 54.010 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 139520
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.2 124.8
 192 22.2 18.7 28.1

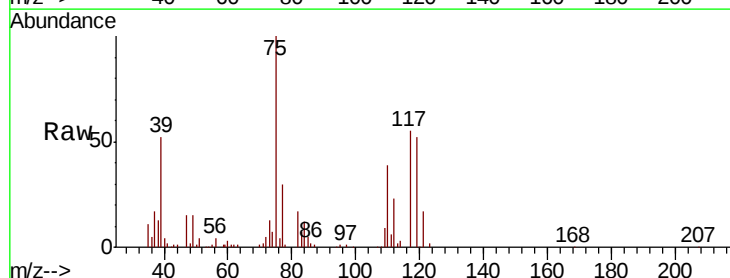


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

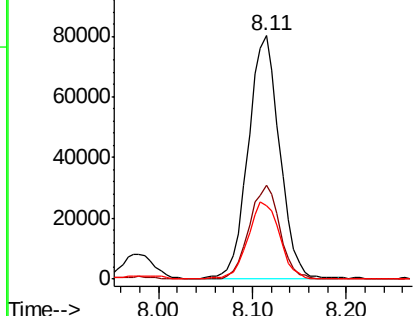
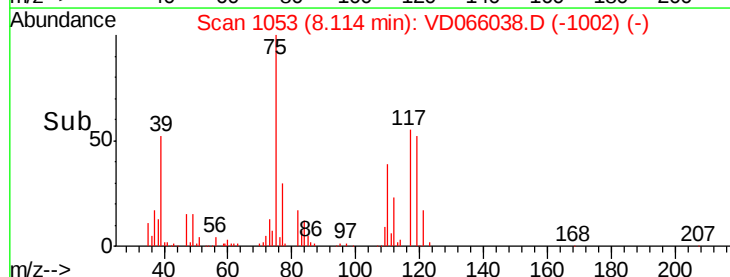


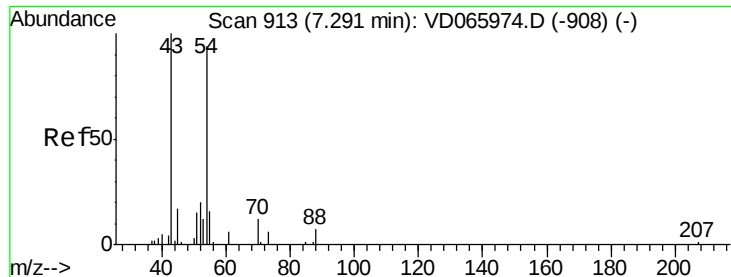
#36
 1,1-Dichloropropene
 Concen: 51.213 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion: 75 Resp: 186151
 Ion Ratio Lower Upper
 75 100
 110 37.2 19.5 58.5
 77 31.9 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

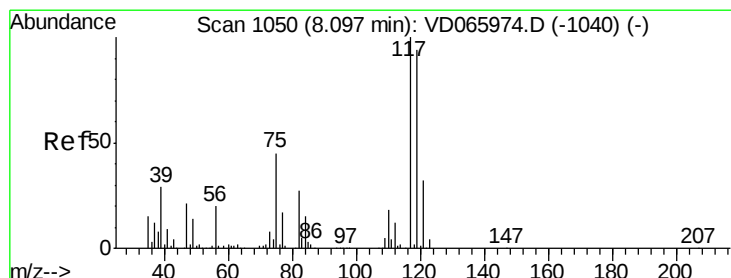
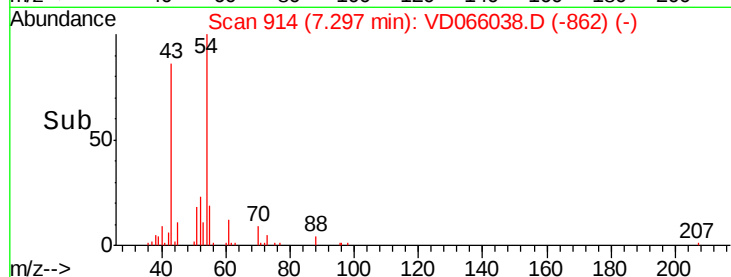
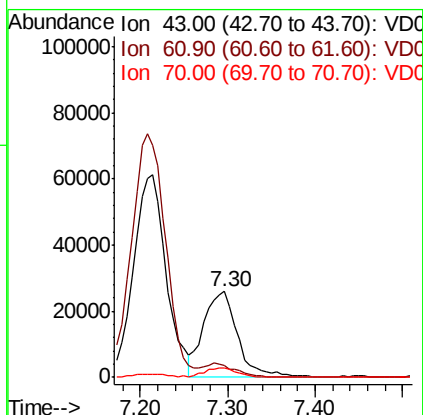
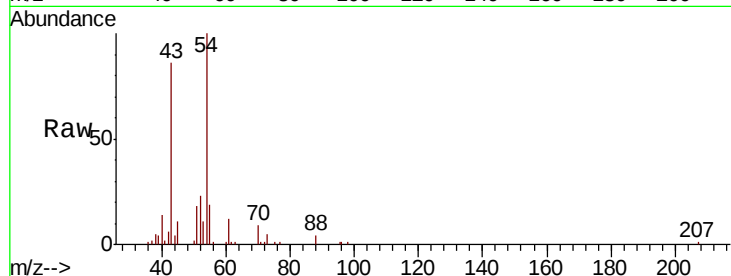




#37
Ethyl Acetate
Concen: 51.026 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

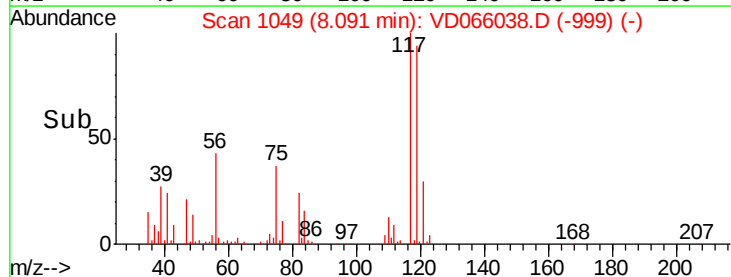
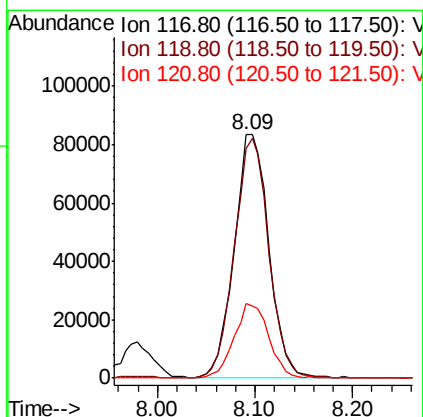
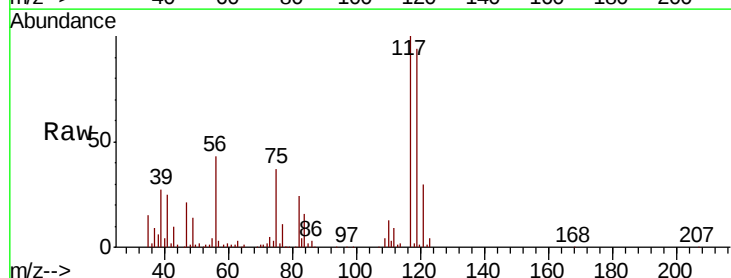
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

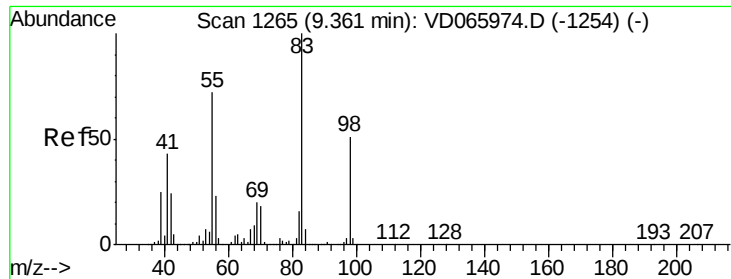
Tot Ion: 43 Resp: 70832
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 10.1 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.575 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion: 117 Resp: 207355
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.6
121 30.5 25.5 38.3

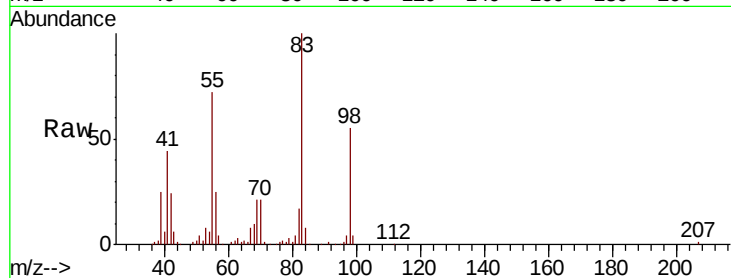




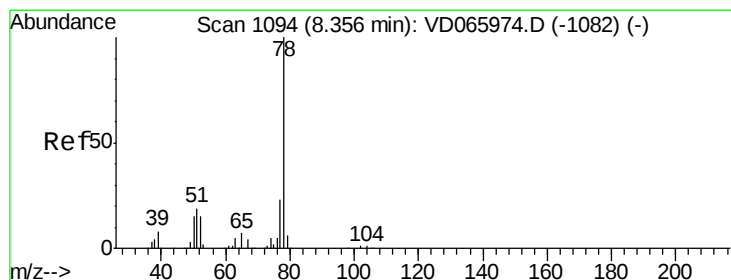
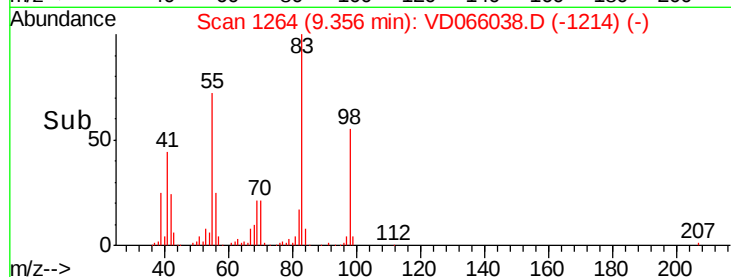
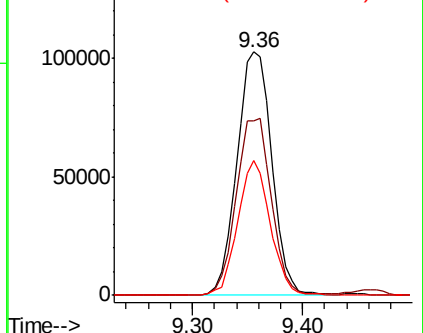
#39
Methvlcvclohexane
Concen: 51.911 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	228503
Ion Ratio	Lower	Upper	
83	100		
55	71.8	57.3	85.9
98	55.2	41.0	61.6

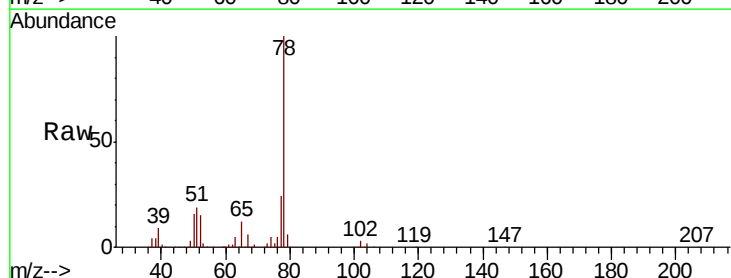


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

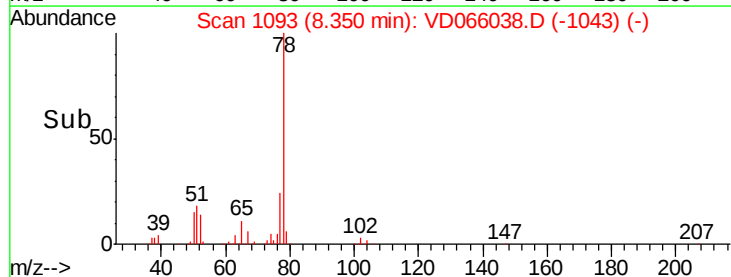
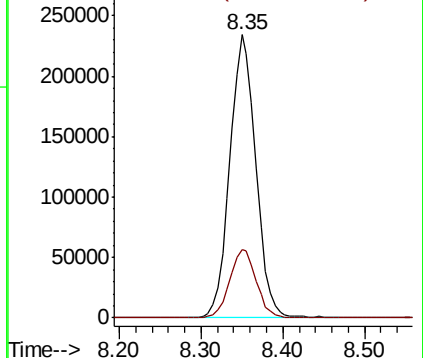


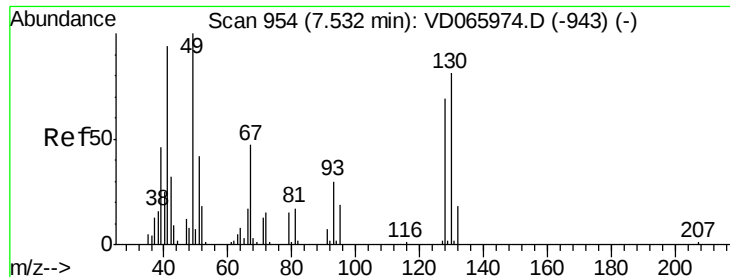
#40
Benzene
Concen: 50.941 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion	78	Resp	518019
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.6	27.8



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

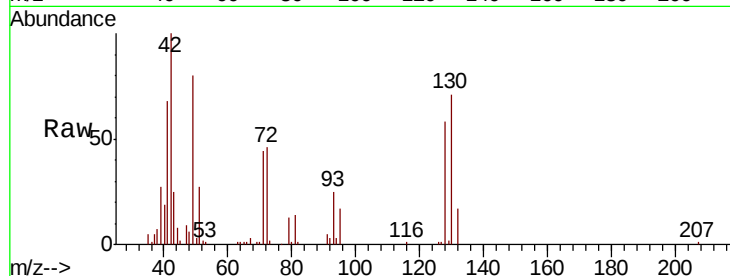




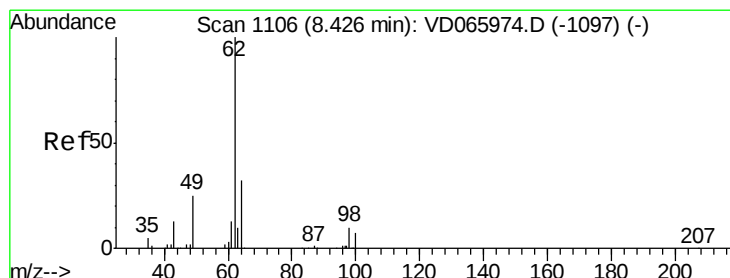
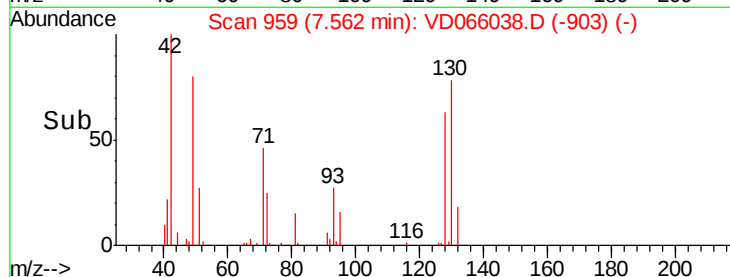
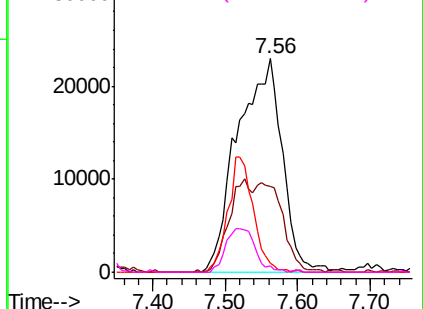
#41
Methacrylonitrile
Concen: 123.156 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.03 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	97936
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

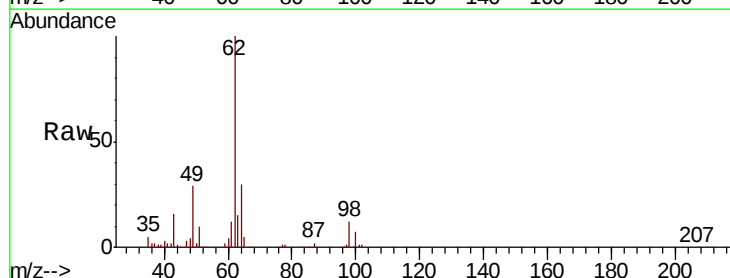


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

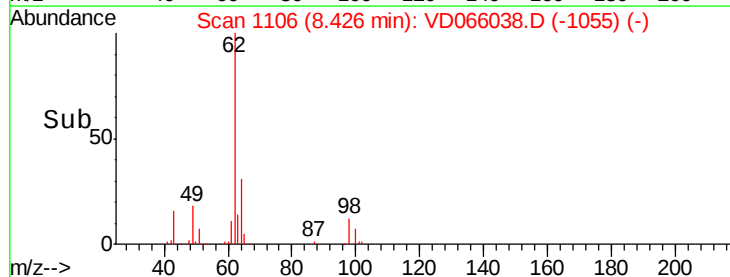
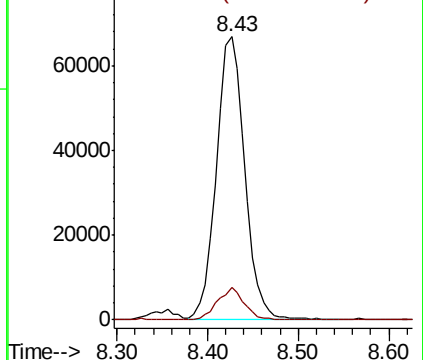


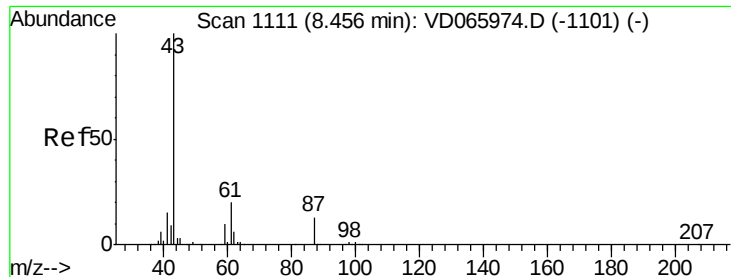
#42
1,2-Dichloroethane
Concen: 52.011 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion:	62	Resp:	144932
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 47.979 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

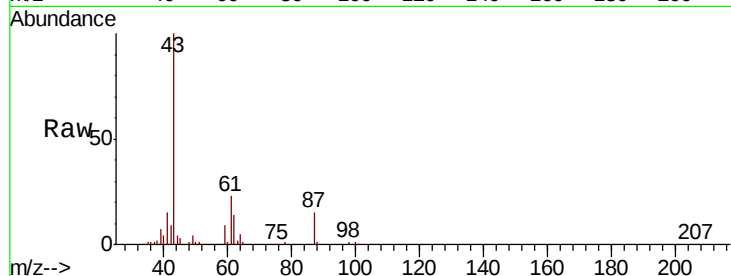
Tot Ion: 43 Resp: 130082

Ion Ratio Lower Upper

43 100

61 32.9 25.8 38.8

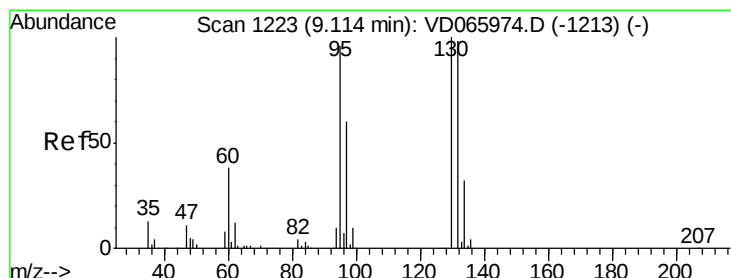
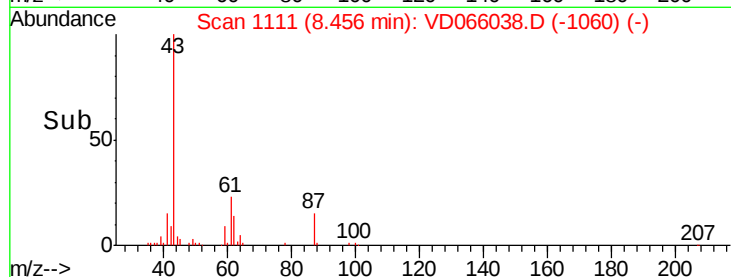
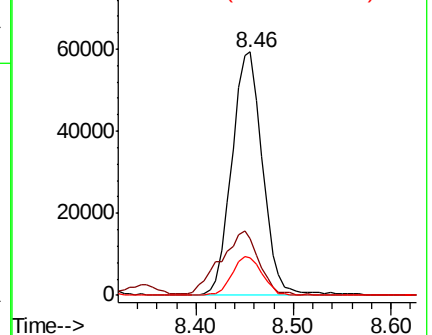
87 15.5 10.9 16.3



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: 52.509 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD066038.D

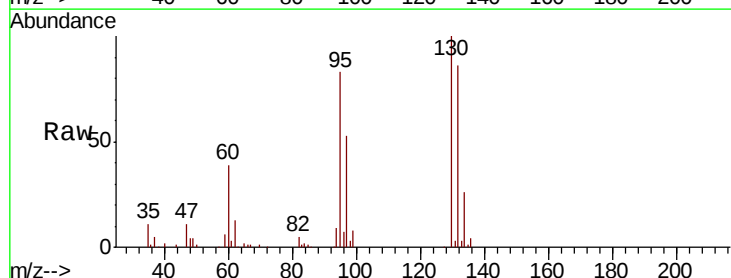
Acq: 24 Jul 2020 10:51

Tgt Ion:130 Resp: 161585

Ion Ratio Lower Upper

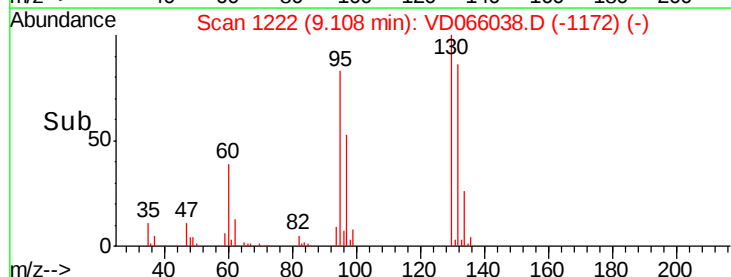
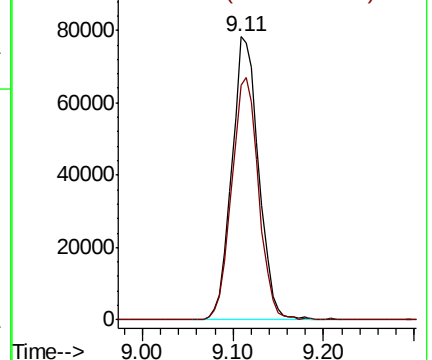
130 100

95 83.1 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.029 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

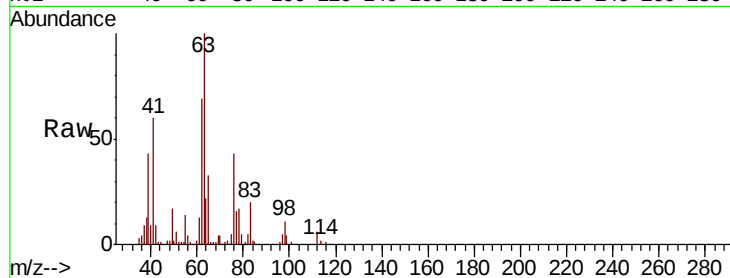
VSTDCCC050

Tot Ion: 63 Resp: 125678

Ion Ratio Lower Upper

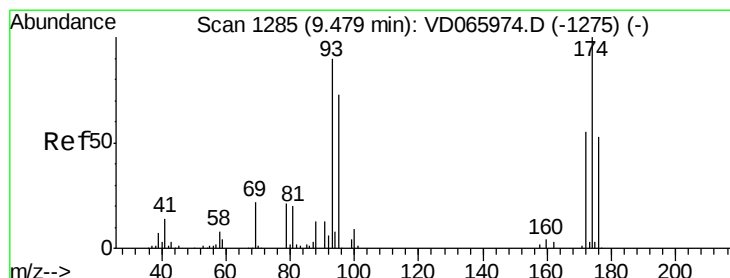
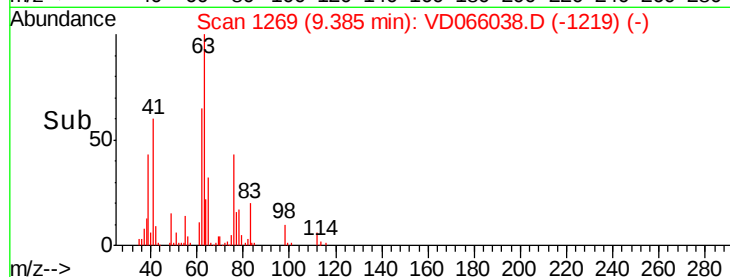
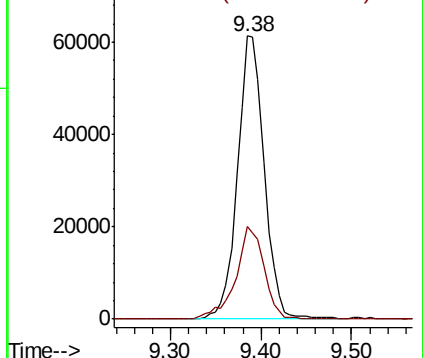
63 100

65 32.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.446 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

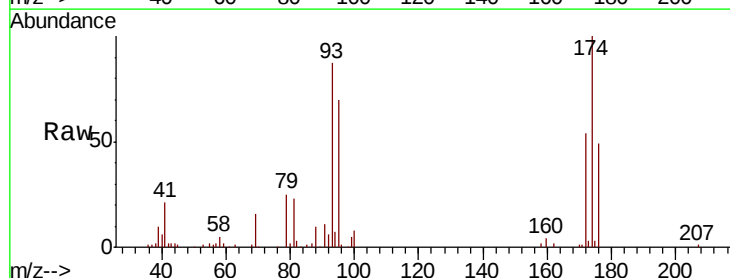
Tgt Ion: 93 Resp: 68209

Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

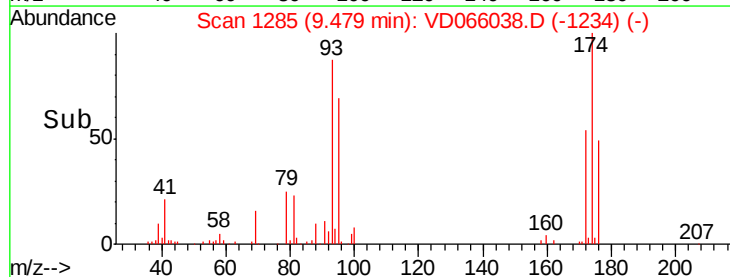
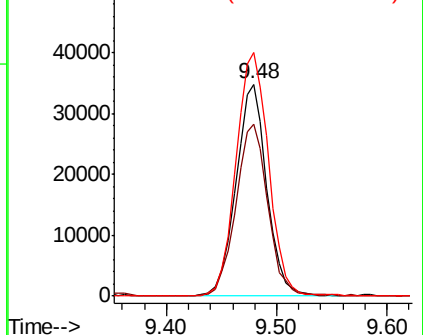
174 121.4 91.5 137.3

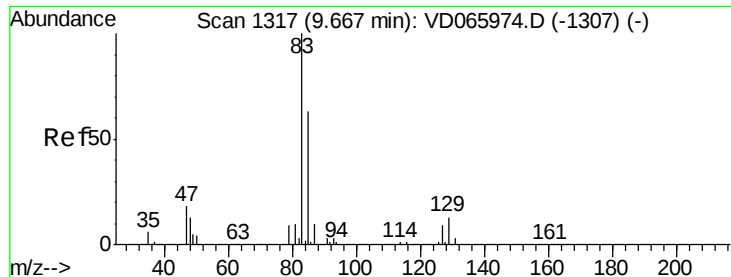


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

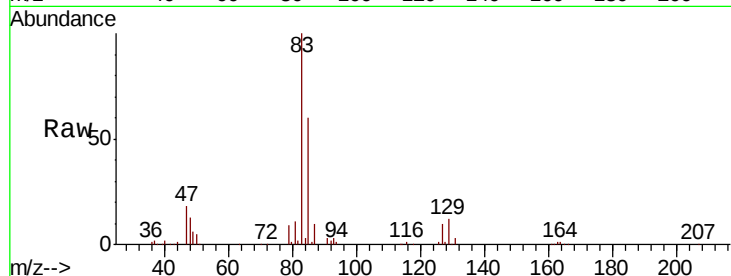




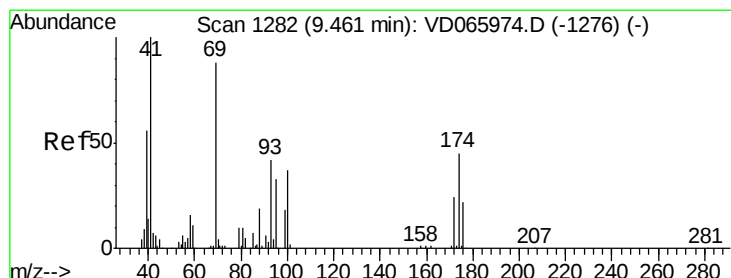
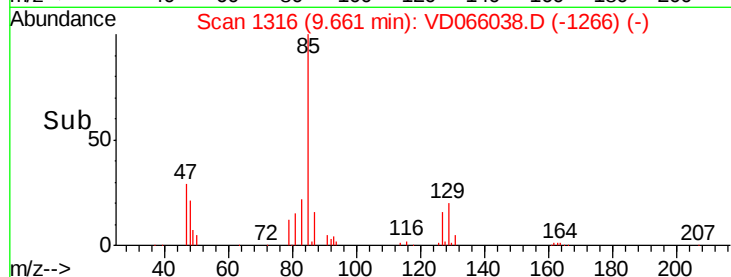
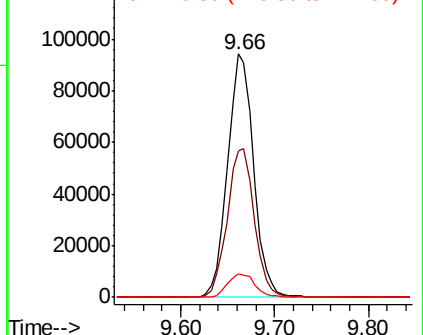
#47
Bromodichloromethane
Concen: 51.788 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 181551
Ion Ratio Lower Upper
83 100
85 60.2 50.6 75.8
127 9.6 7.1 10.7

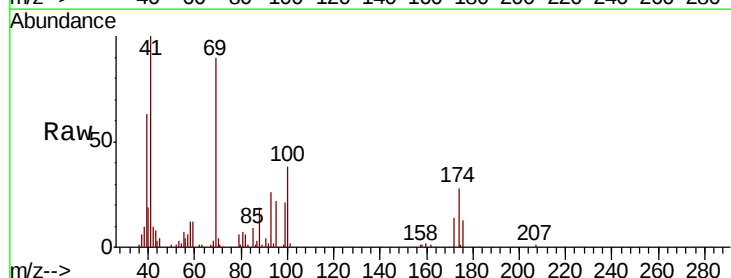


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

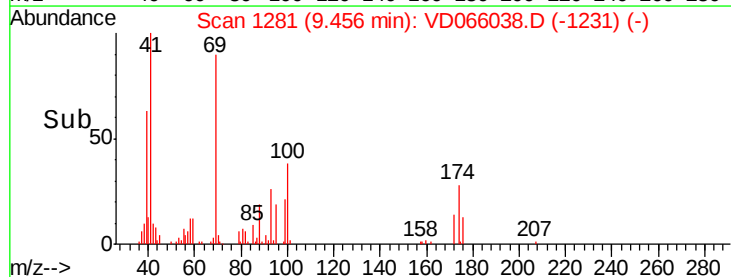
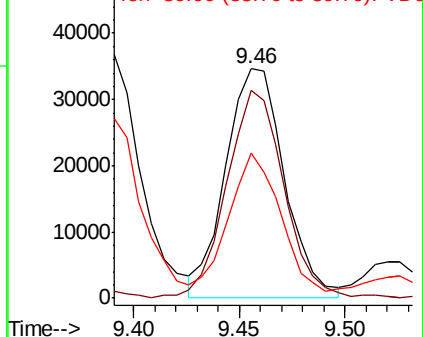


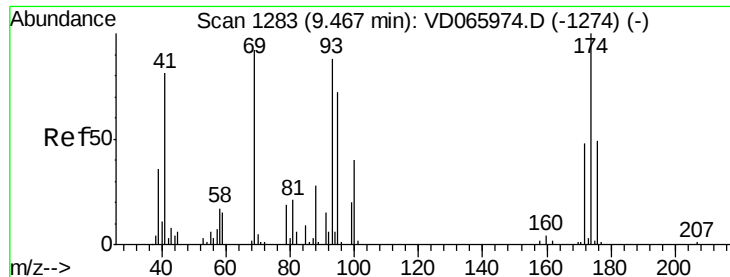
#48
Methyl methacrylate
Concen: 48.706 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion: 41 Resp: 66612
Ion Ratio Lower Upper
41 100
69 88.8 65.1 97.7
39 52.2 41.5 62.3



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: 1010.511 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

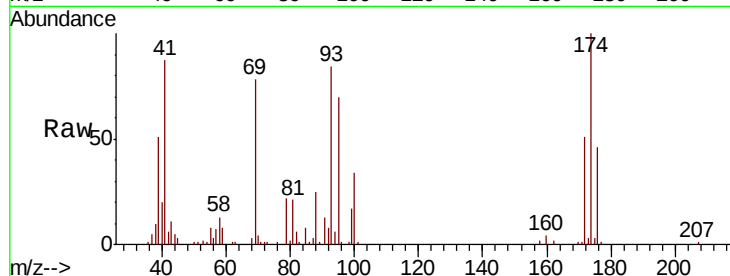
Tot Ion: 88 Resp: 15522

Ion Ratio Lower Upper

88 100

43 34.2 29.0 43.6

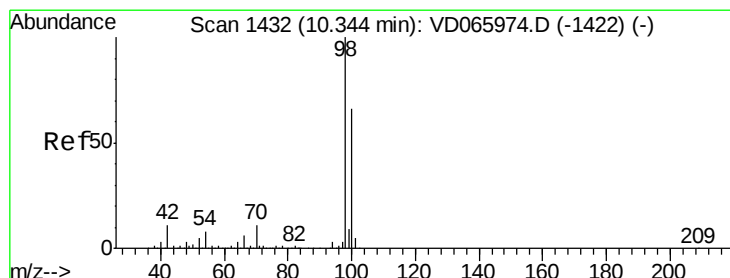
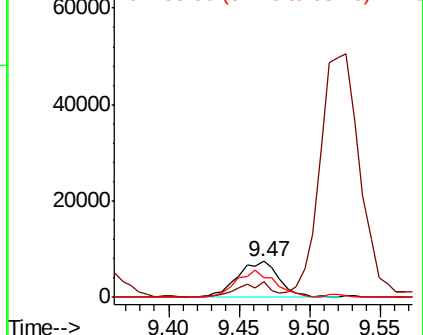
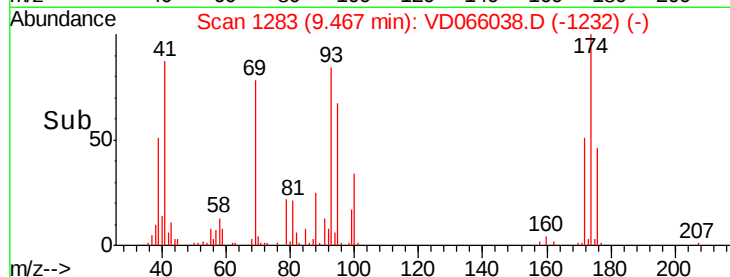
58 69.6 57.0 85.4



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: 54.938 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD066038.D

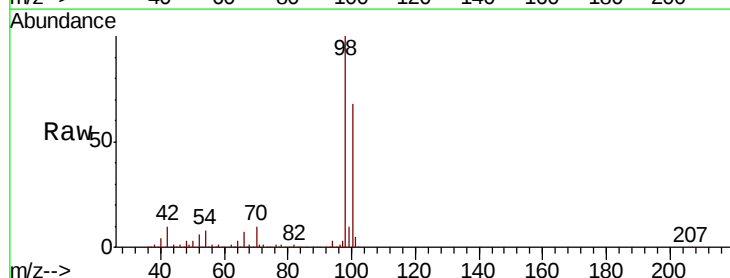
Acq: 24 Jul 2020 10:51

Tgt Ion: 98 Resp: 528673

Ion Ratio Lower Upper

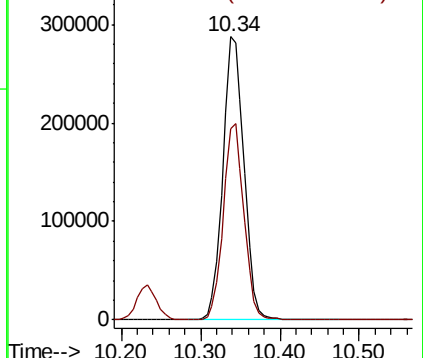
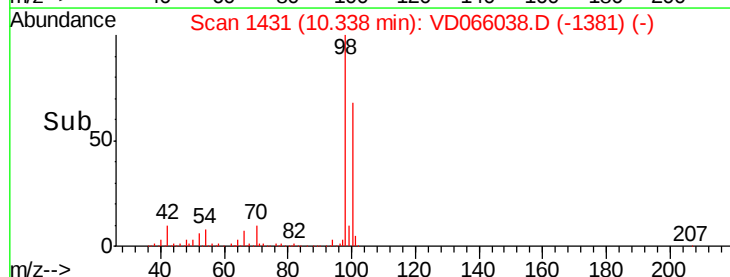
98 100

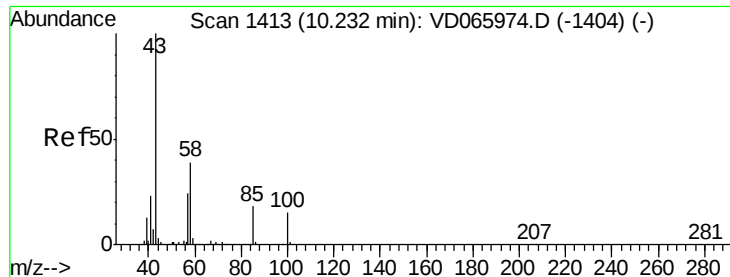
100 67.7 52.7 79.1



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: 251.676 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

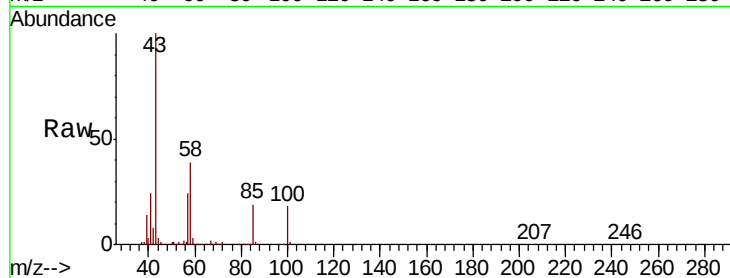
VSTDCCC050

Tot Ion: 43 Resp: 343810

Ion Ratio Lower Upper

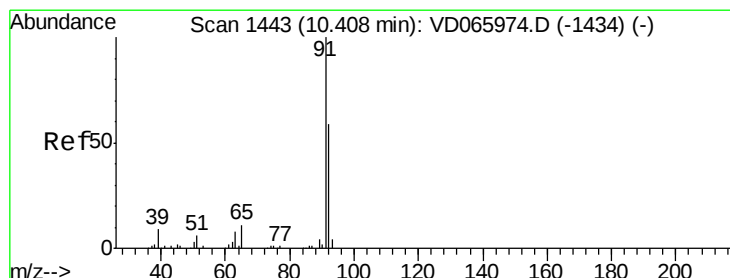
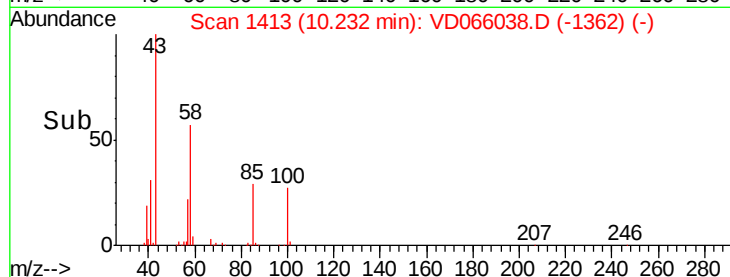
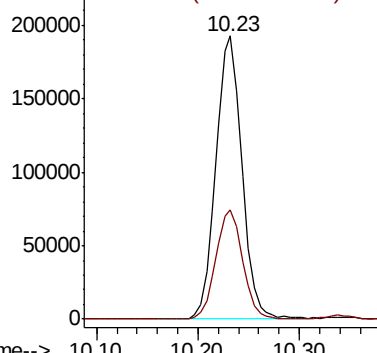
43 100

58 39.7 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.617 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD066038.D

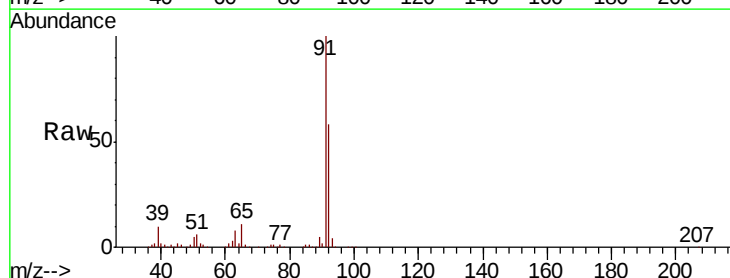
Acq: 24 Jul 2020 10:51

Tgt Ion: 92 Resp: 348935

Ion Ratio Lower Upper

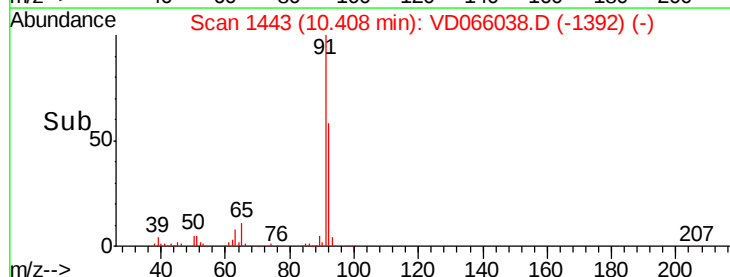
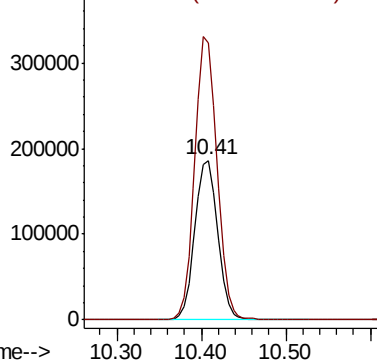
92 100

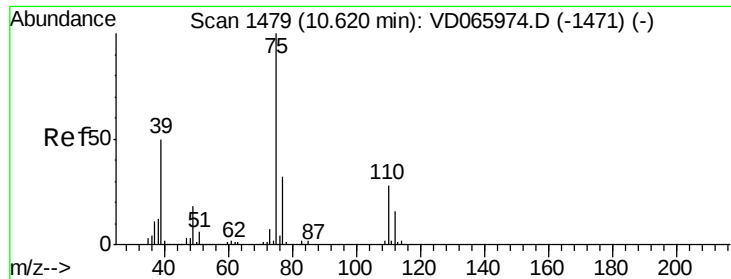
91 173.1 134.5 201.7



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: 52.555 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

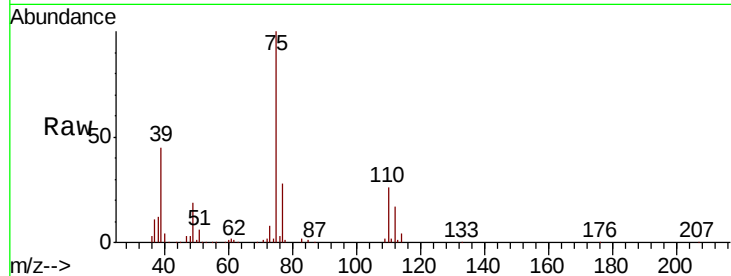
VSTDCCC050

Tot Ion: 75 Resp: 171645

Ion Ratio Lower Upper

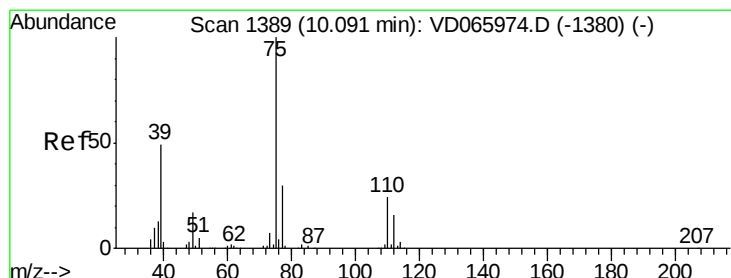
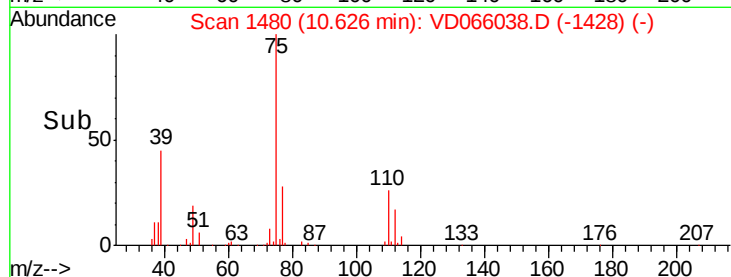
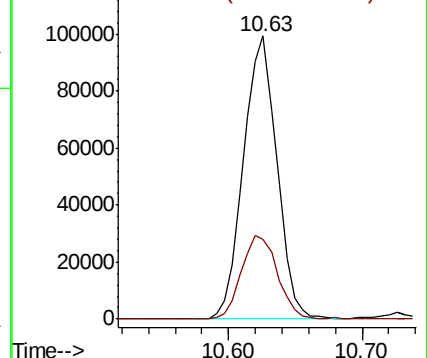
75 100

77 28.2 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.189 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

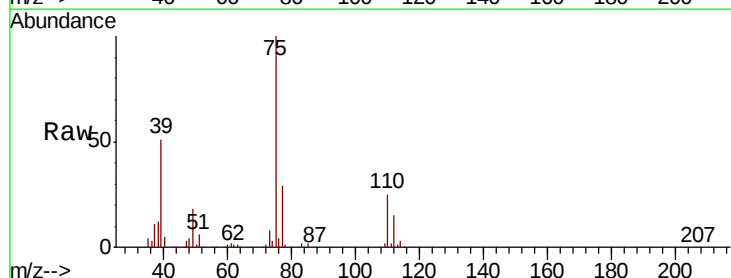
Tgt Ion: 75 Resp: 206616

Ion Ratio Lower Upper

75 100

77 29.4 23.8 35.8

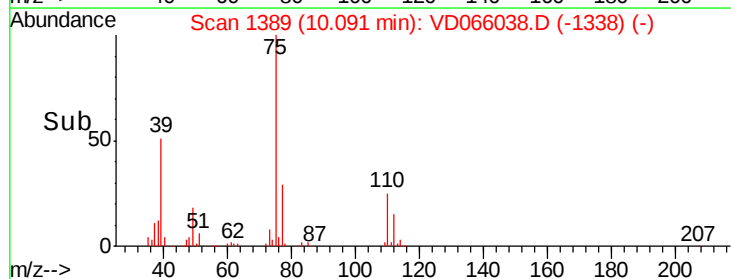
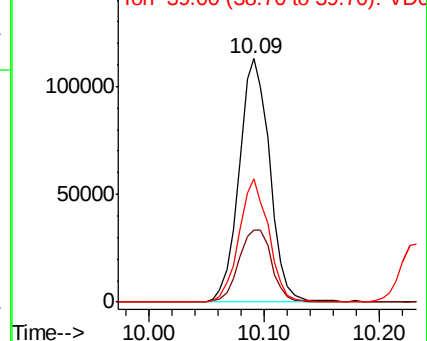
39 50.6 38.8 58.2

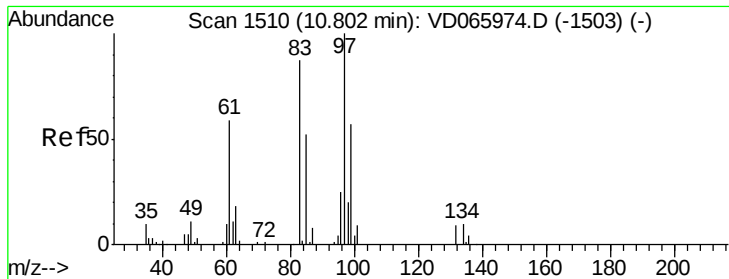


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

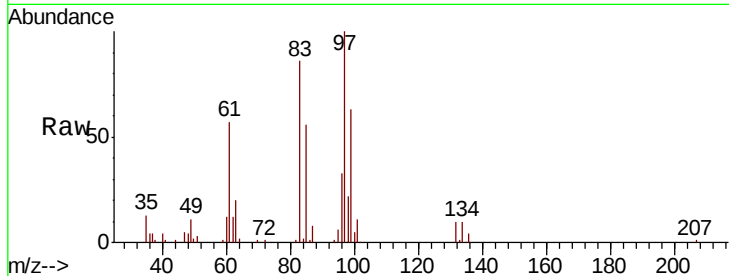




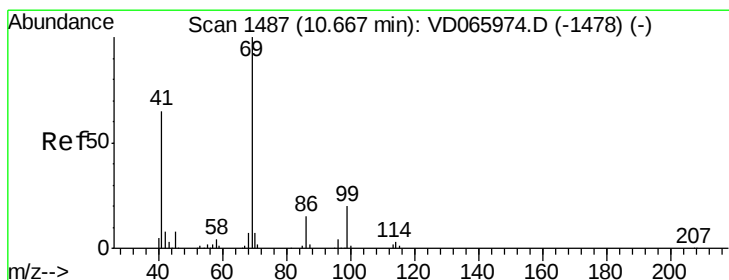
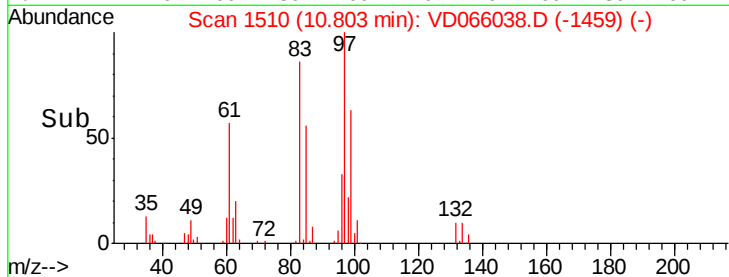
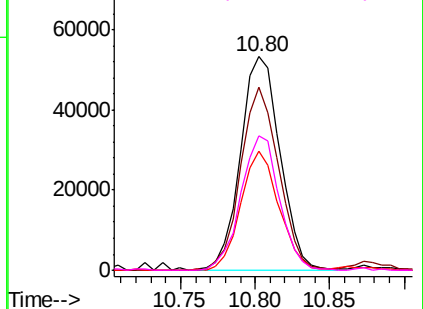
#55
 1,1,2-Trichloroethane
 Concen: 52.156 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 98072
 Ion Ratio Lower Upper
 97 100
 83 85.8 69.7 104.5
 85 55.5 41.6 62.4
 99 63.0 45.9 68.9

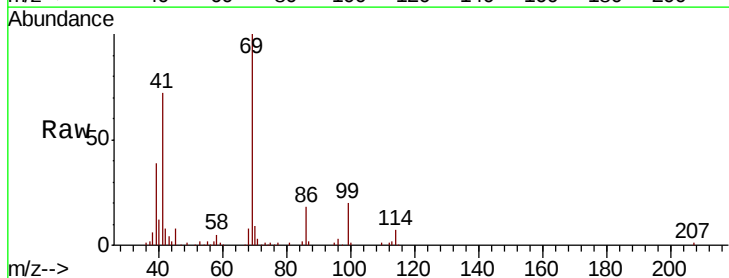


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

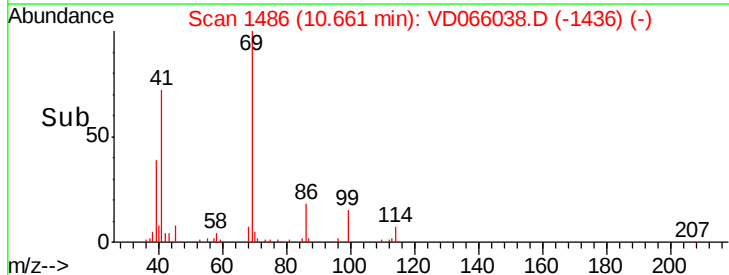
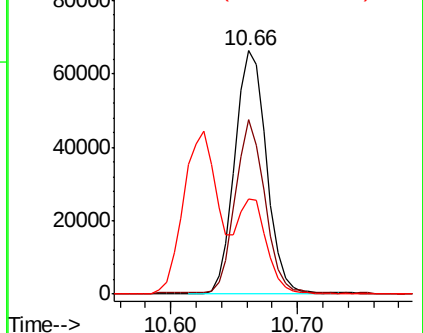


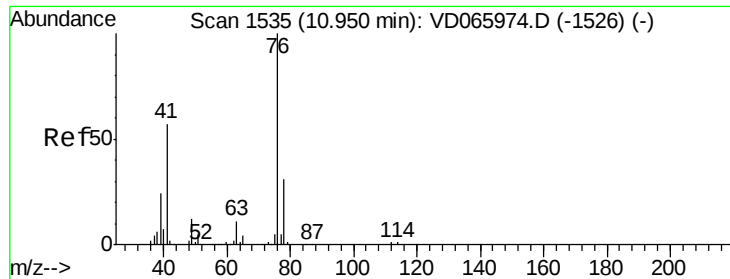
#56
 Ethyl methacrylate
 Concen: 52.521 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion: 69 Resp: 114822
 Ion Ratio Lower Upper
 69 100
 41 68.8 52.3 78.5
 39 33.4 25.2 37.8



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

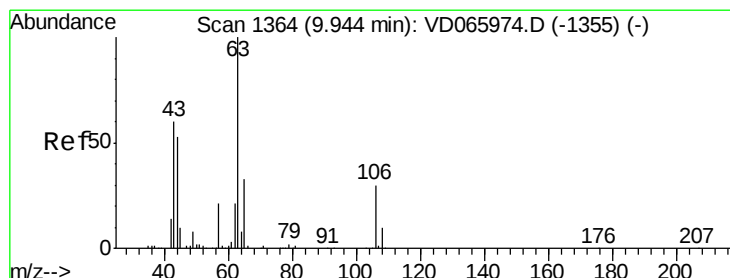
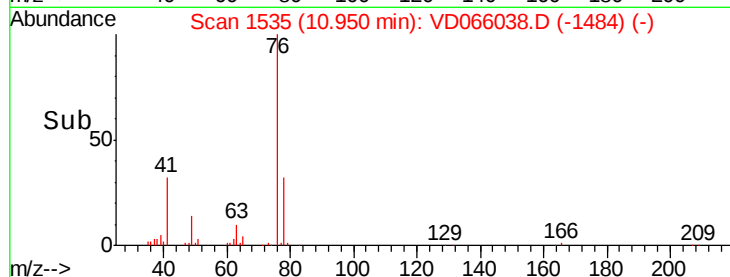
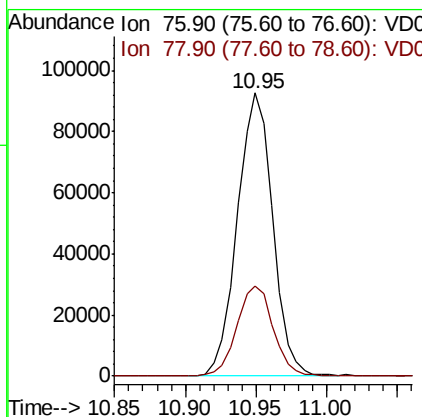
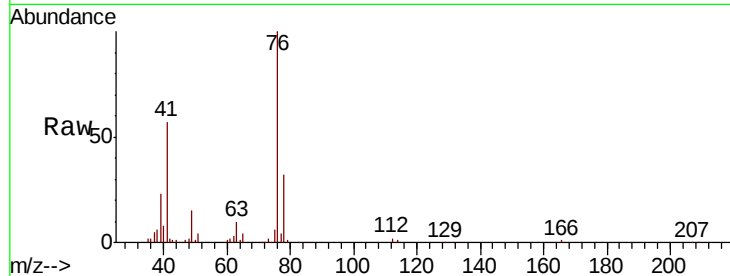




#57
 1,3-Dichloropropane
 Concen: 52.103 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

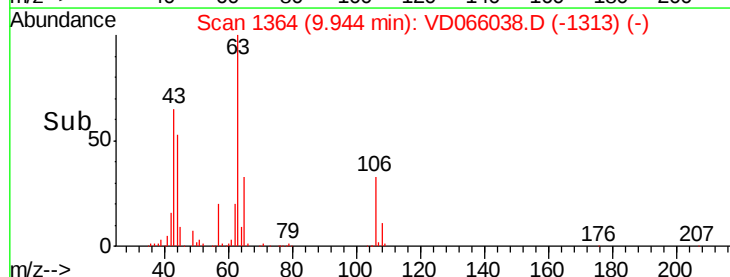
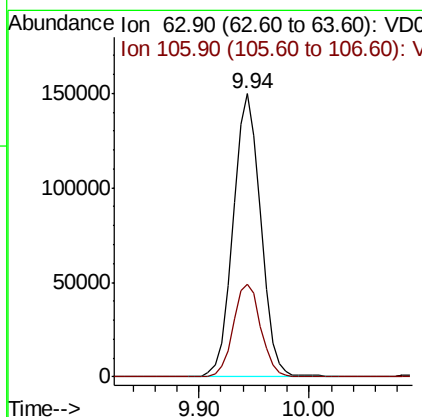
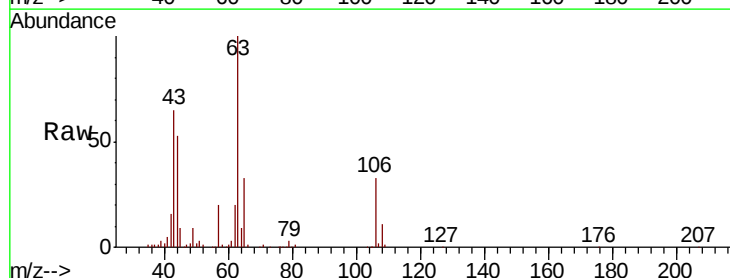
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

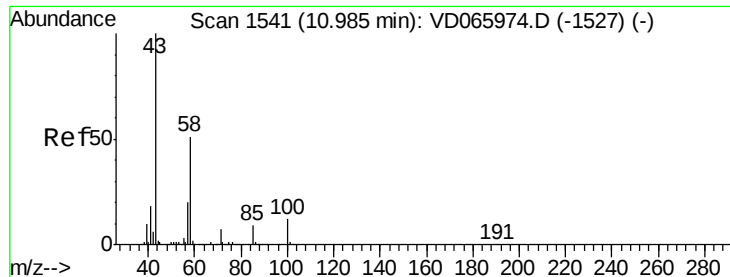
Tot Ion: 76 Resp: 162191
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.227 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion: 63 Resp: 263417
 Ion Ratio Lower Upper
 63 100
 106 32.8 24.4 36.6

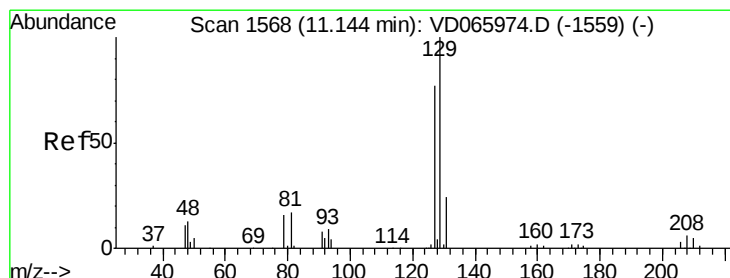
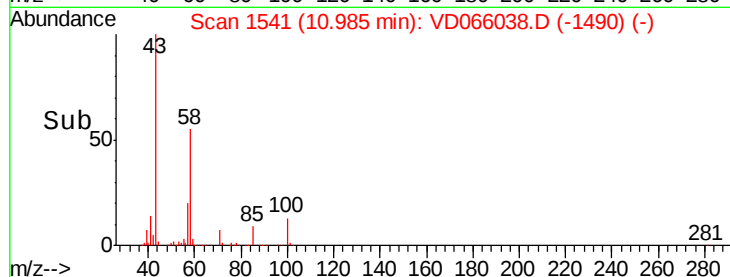
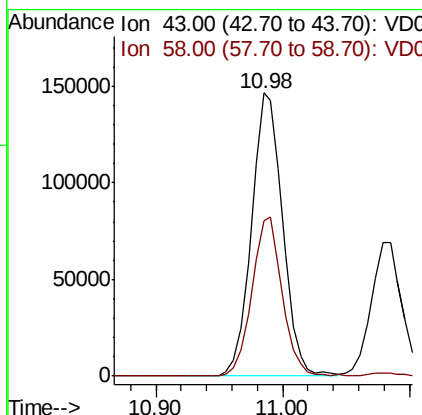
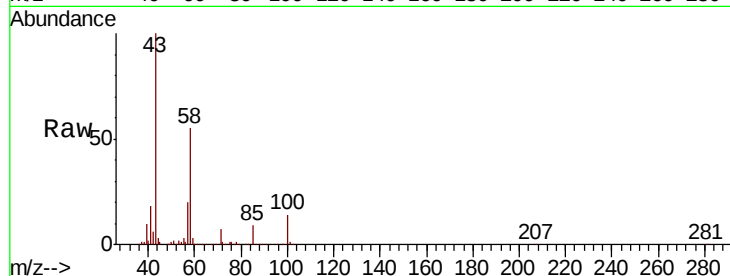




#59
2-Hexanone
Concen: 264.377 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

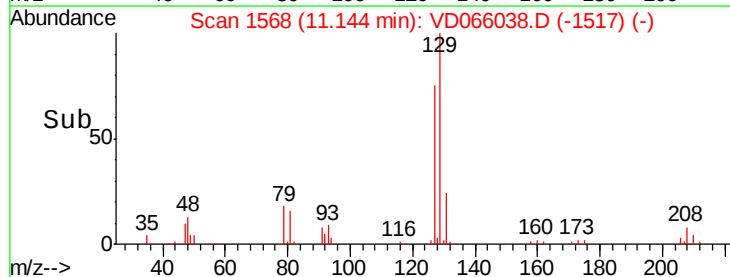
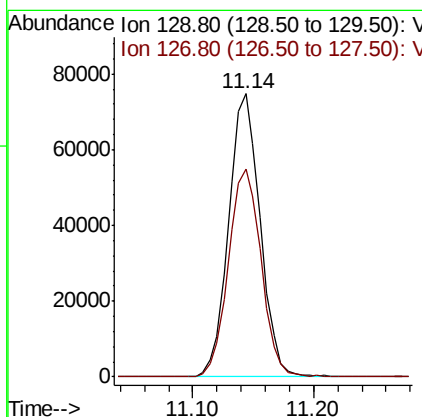
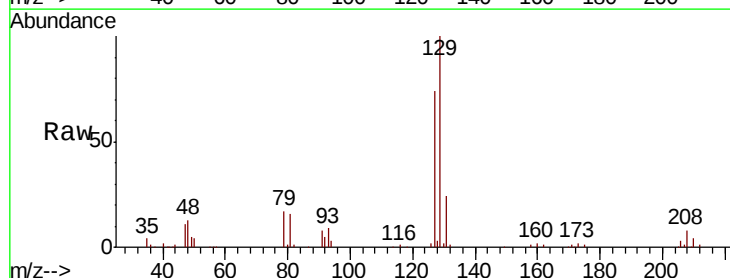
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

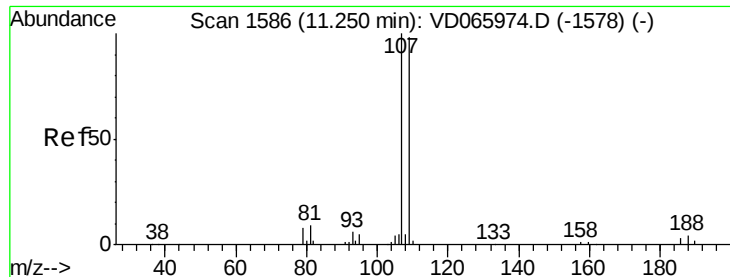
Tot Ion: 43 Resp: 250280
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.6



#60
Dibromochloromethane
Concen: 53.455 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion: 129 Resp: 135525
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7

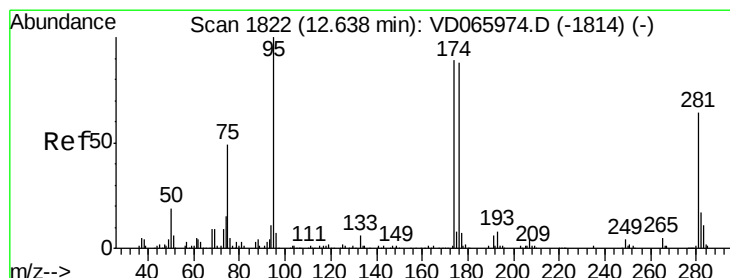
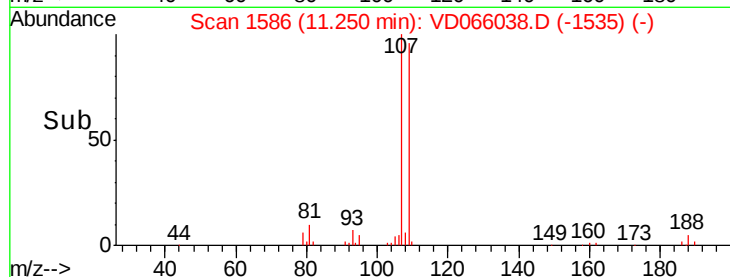
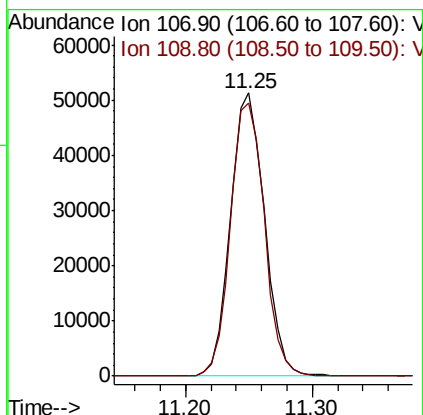
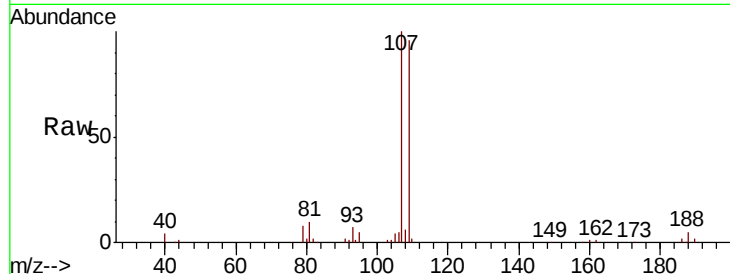




#61
 1,2-Dibromoethane
 Concen: 52.356 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

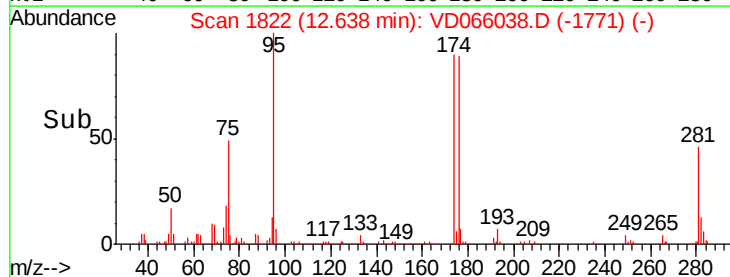
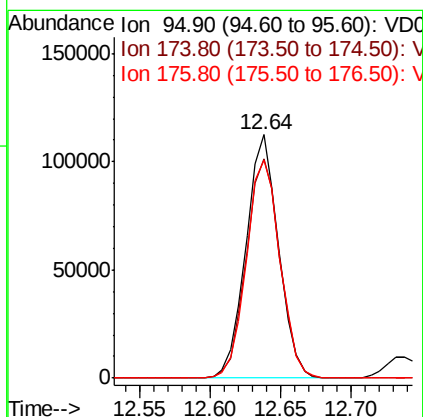
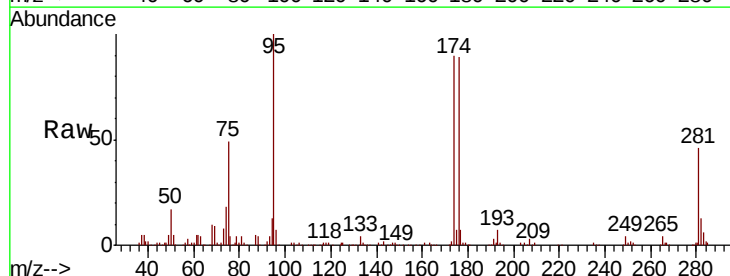
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

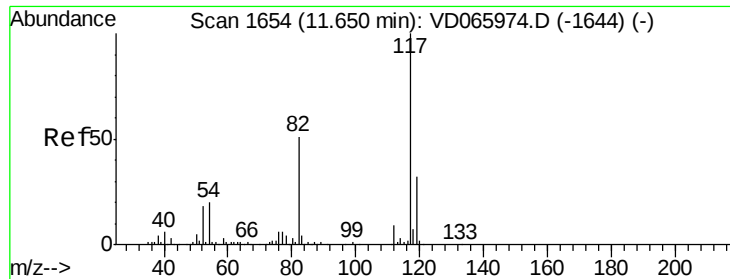
Tot Ion: 107 Resp: 94922
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 54.662 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion: 95 Resp: 182393
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 178.8
 176 92.4 0.0 172.6

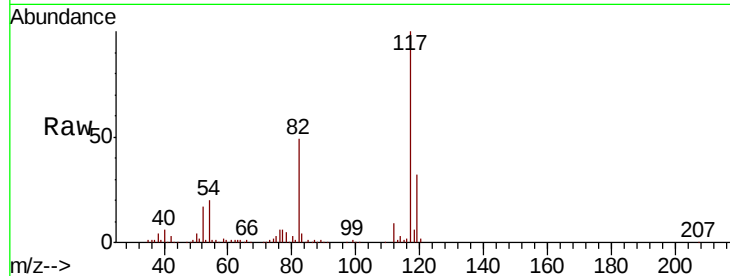




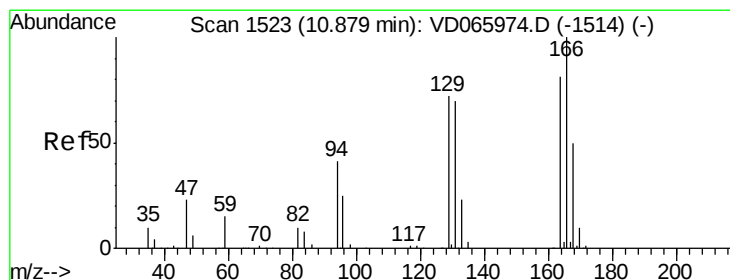
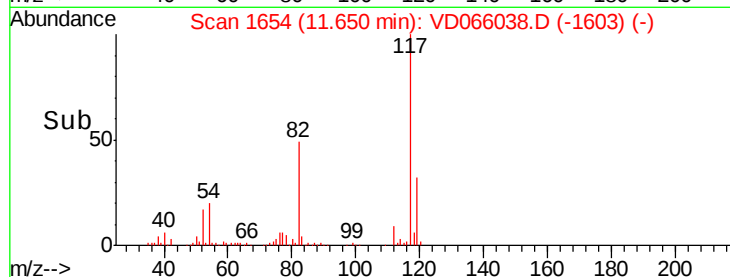
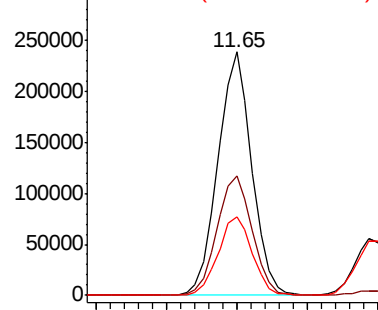
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 399585
Ion Ratio Lower Upper
117 100
82 49.0 41.1 61.7
119 32.1 25.9 38.9

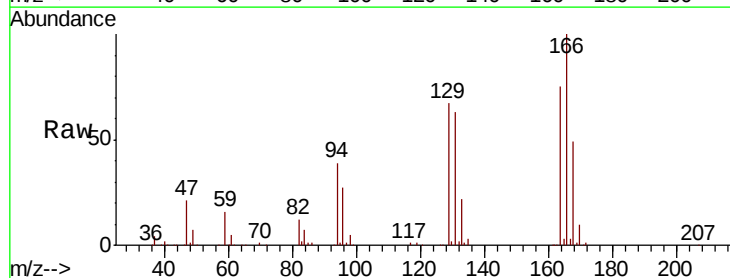


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

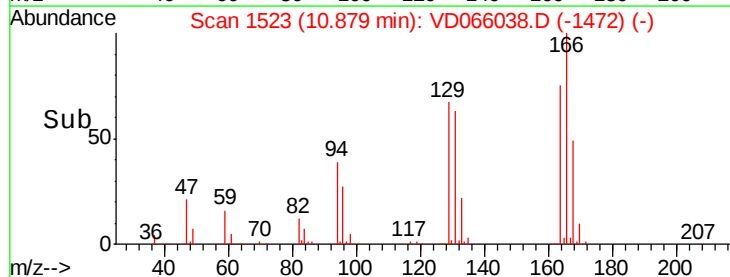
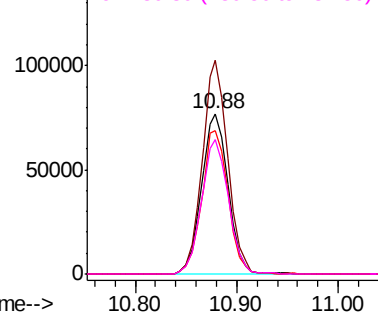


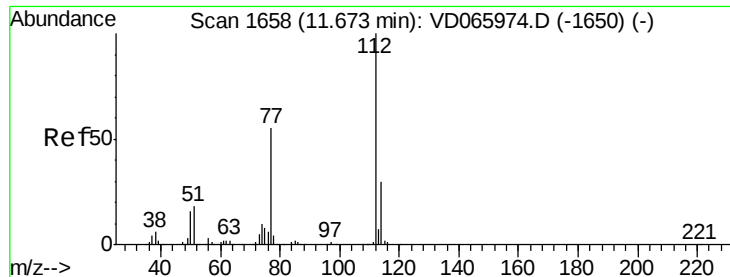
#64
Tetrachloroethene
Concen: 51.328 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion:164 Resp: 139207
Ion Ratio Lower Upper
164 100
166 133.2 99.1 148.7
129 89.2 71.5 107.3
131 84.1 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

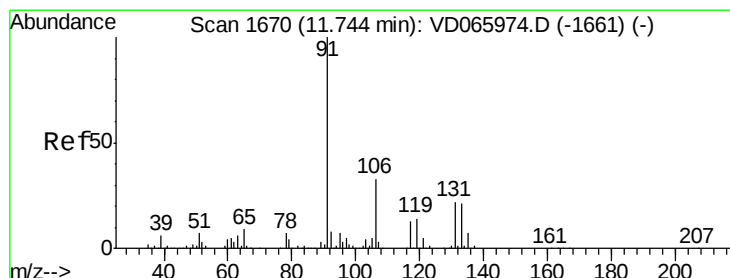
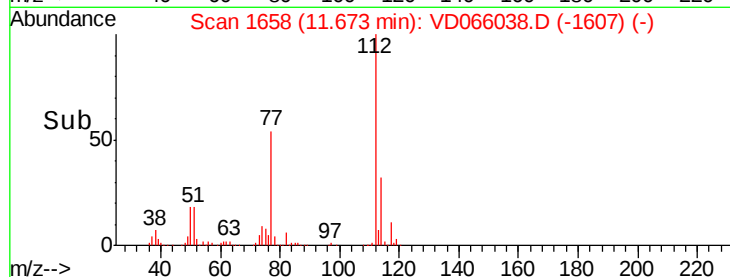
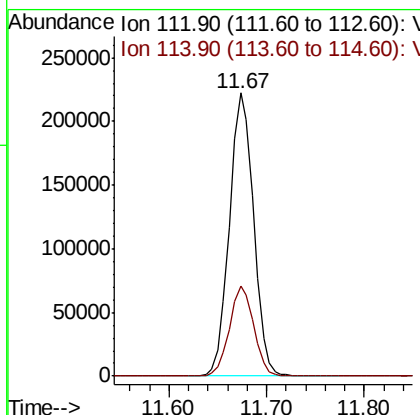
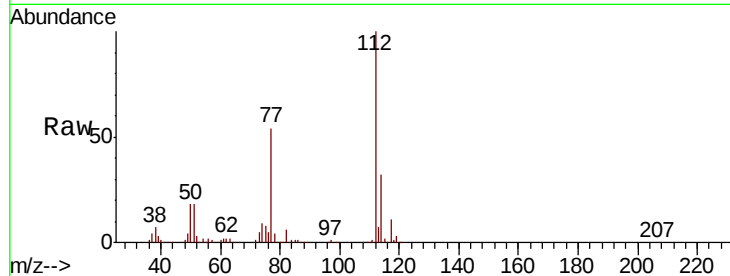




#65
Chlorobenzene
Concen: 52.101 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

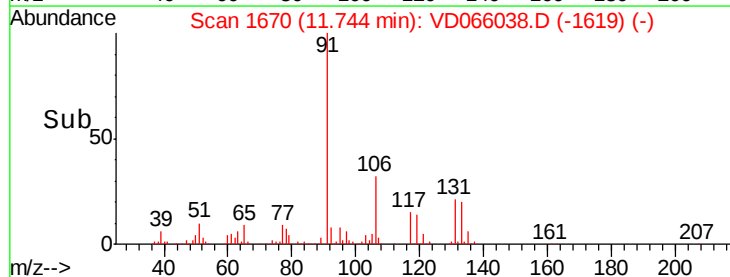
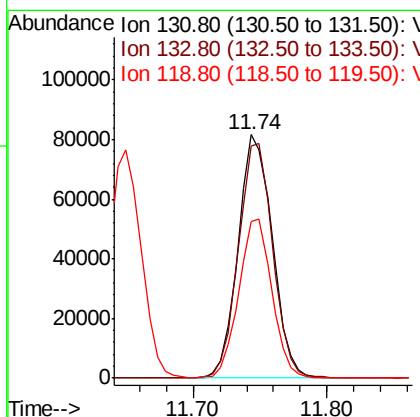
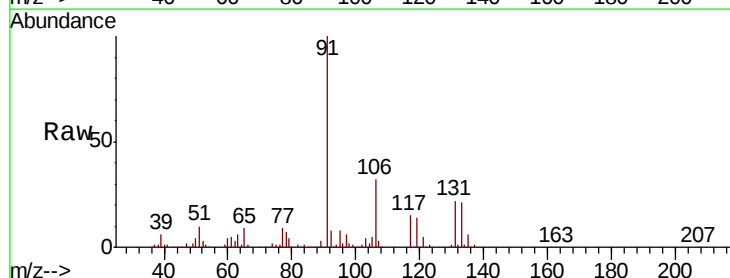
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

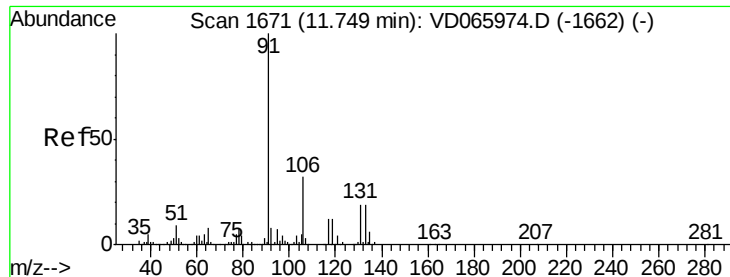
Tot Ion:112 Resp: 381180
Ion Ratio Lower Upper
112 100
114 32.0 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.672 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion:131 Resp: 144991
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 63.3 31.7 95.1





#67

Ethyl Benzene

Concen: 53.522 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

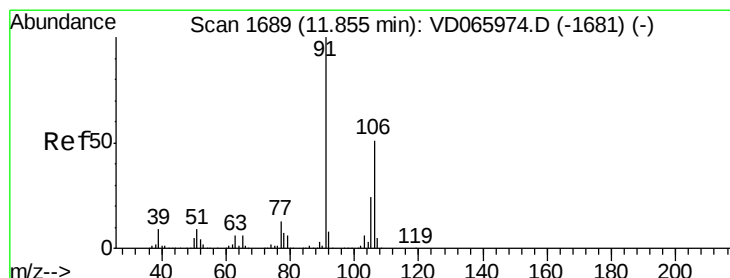
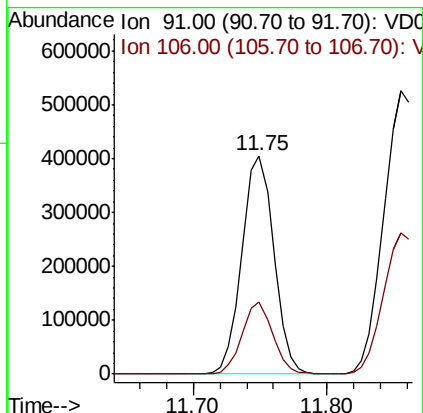
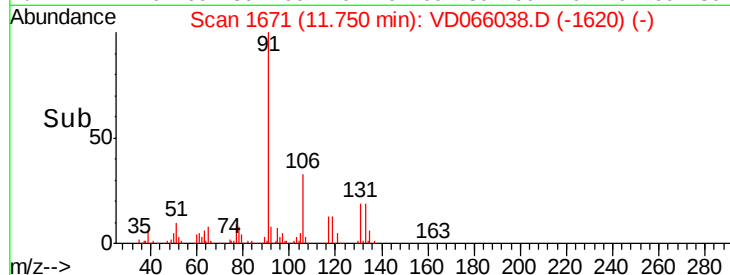
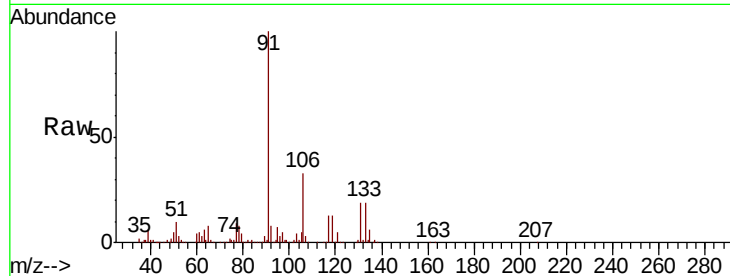
VSTDCCC050

Tot Ion: 91 Resp: 673871

Ion Ratio Lower Upper

91 100

106 32.9 25.7 38.5



#68

m/p-Xylenes

Concen: 106.551 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066038.D

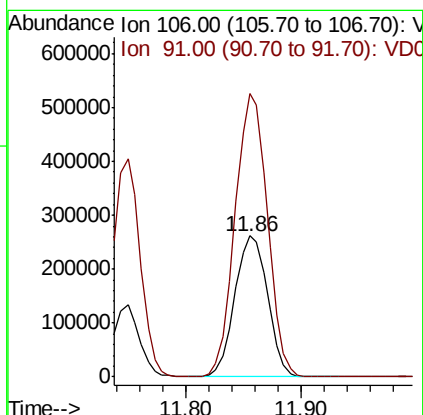
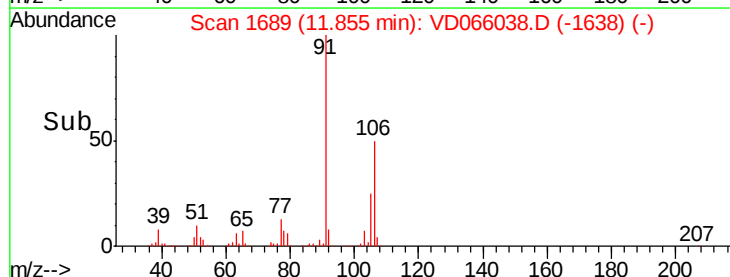
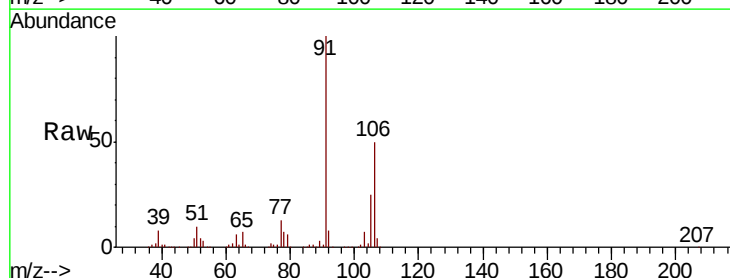
Acq: 24 Jul 2020 10:51

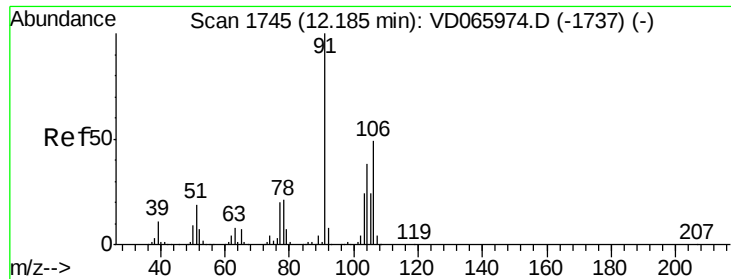
Tgt Ion: 106 Resp: 515633

Ion Ratio Lower Upper

106 100

91 198.1 157.0 235.6

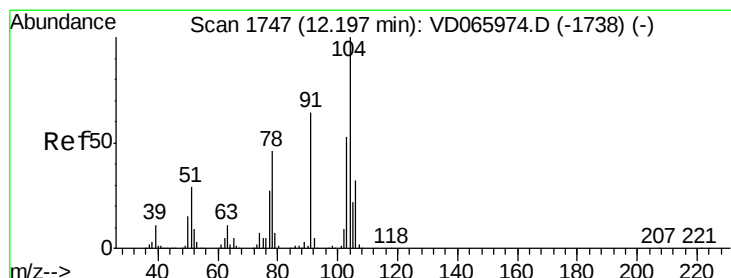
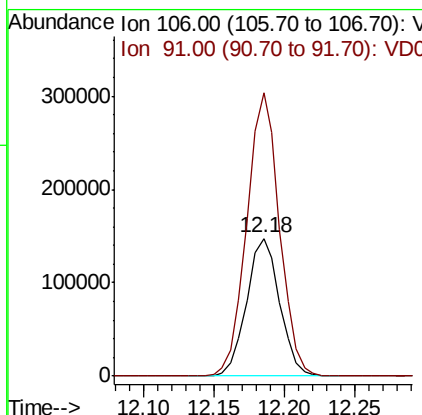
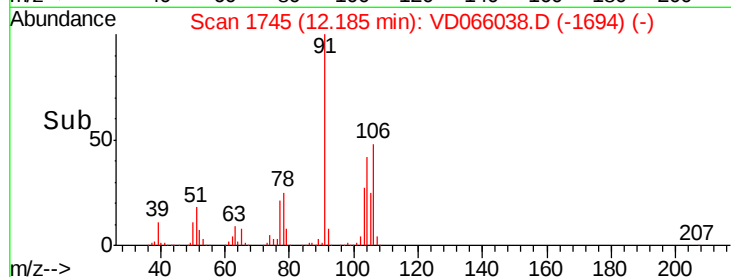
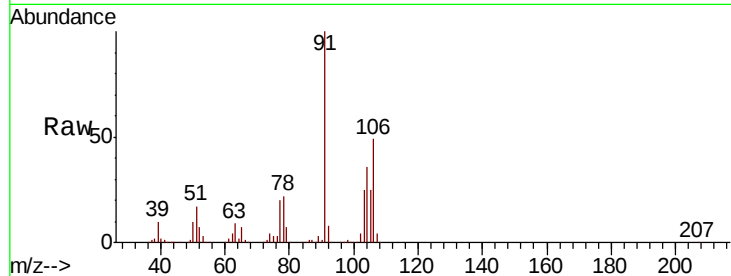




#69
o-Xylene
Concen: 54.970 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

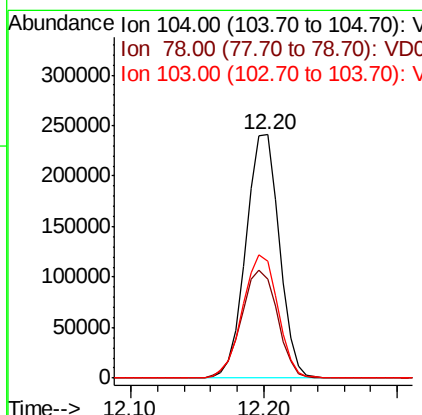
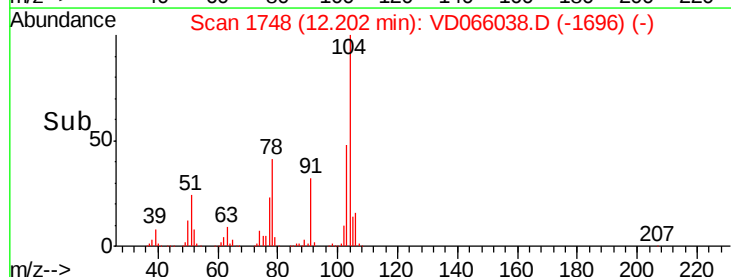
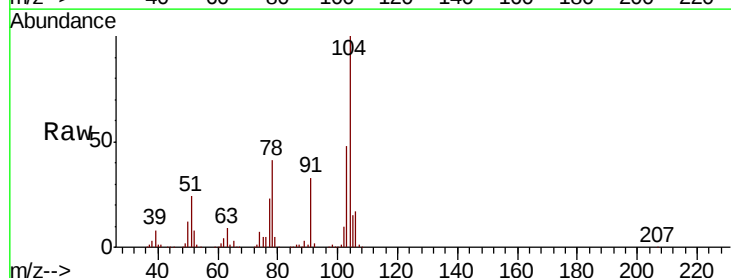
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

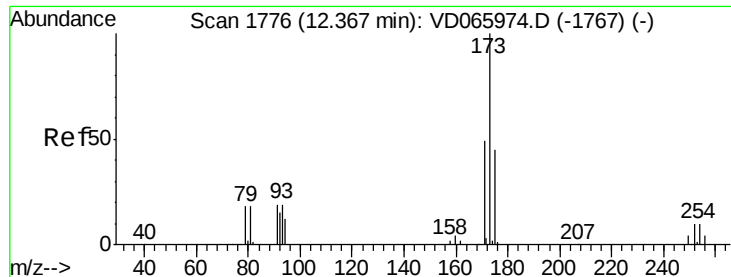
Tot Ion:106 Resp: 241949
Ion Ratio Lower Upper
106 100
91 203.8 103.1 309.3



#70
Styrene
Concen: 54.885 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion:104 Resp: 415071
Ion Ratio Lower Upper
104 100
78 48.2 38.3 57.5
103 54.2 43.8 65.8





#71

Bromoform

Concen: 51.145 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

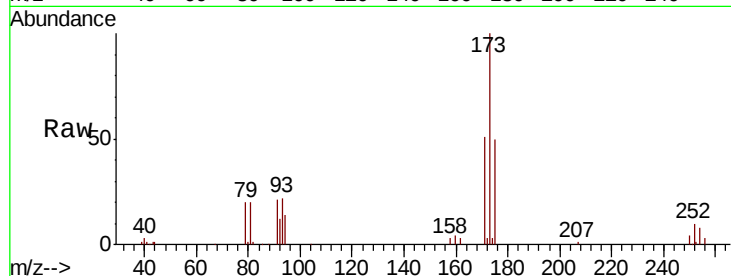
Tot Ion:173 Resp: 80932

Ion Ratio Lower Upper

173 100

175 52.1 24.1 72.3

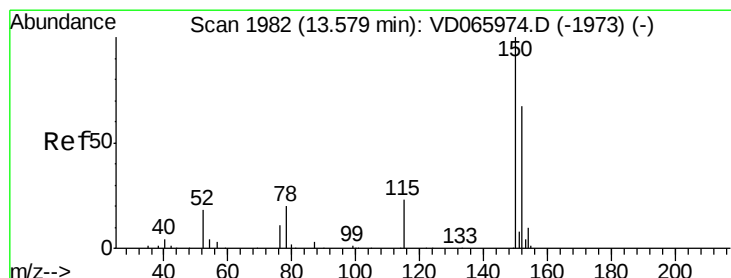
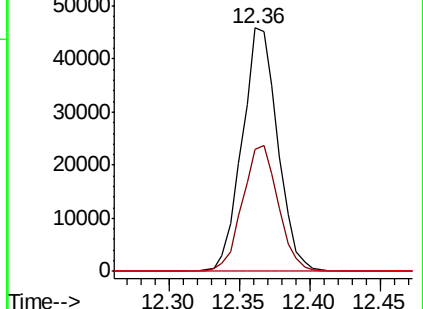
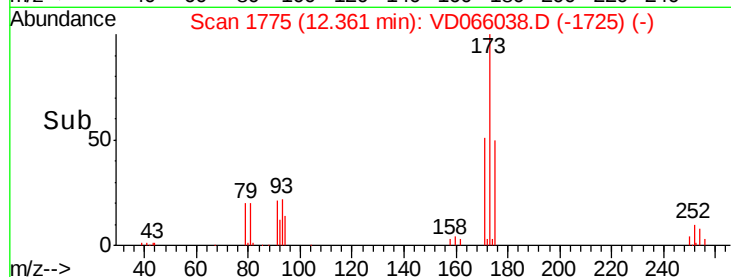
254 0.0 0.0 0.0



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: VD066038.D

Acq: 24 Jul 2020 10:51

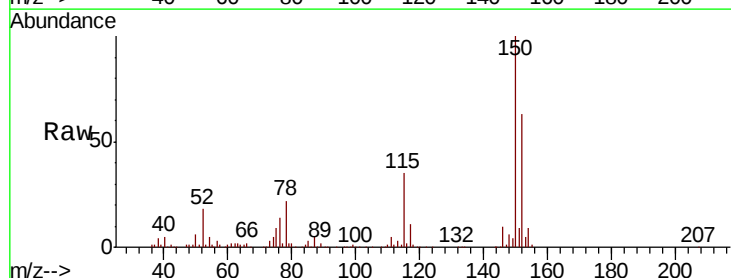
Tgt Ion:152 Resp: 213589

Ion Ratio Lower Upper

152 100

115 54.6 27.9 83.7

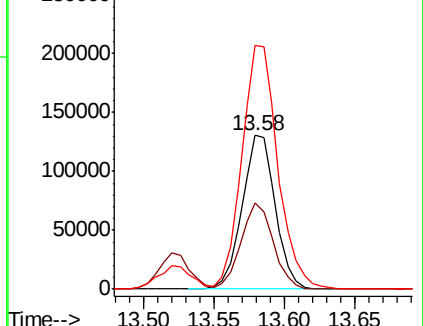
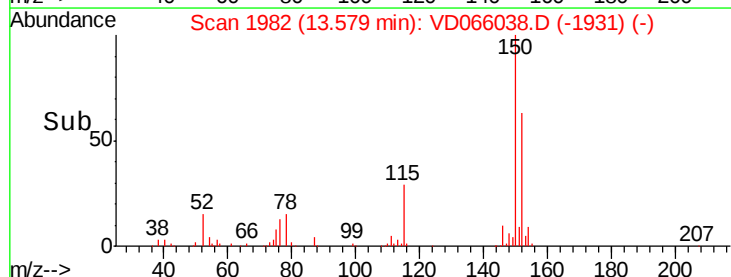
150 172.5 0.0 348.2

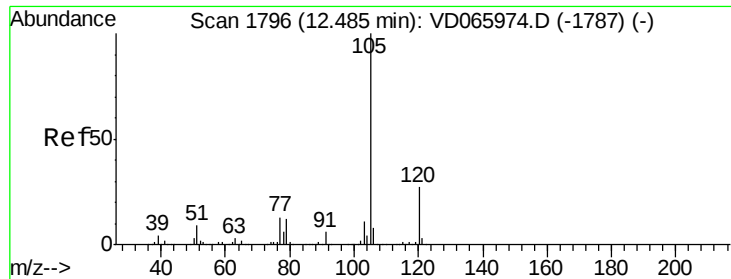


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.200 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

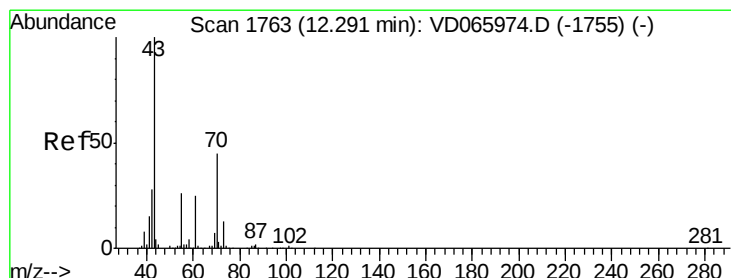
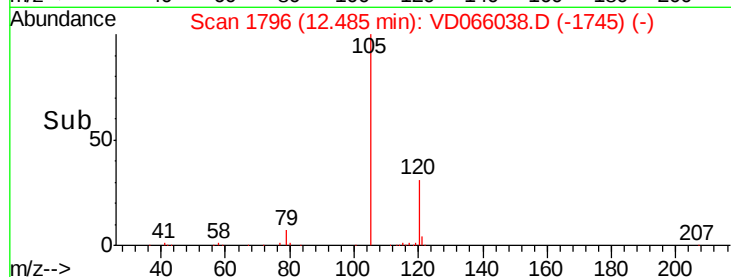
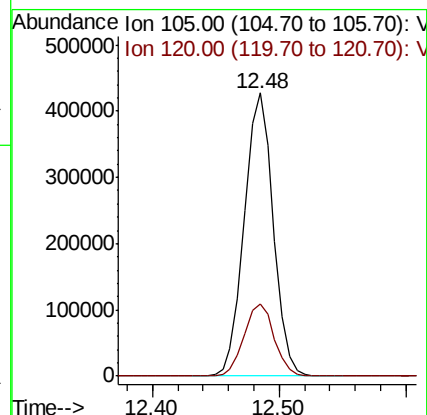
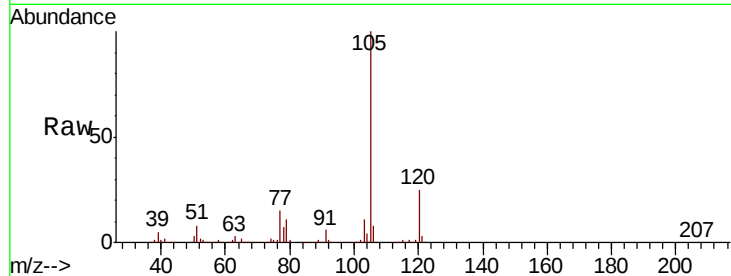
VSTDCCC050

Tot Ion:105 Resp: 674647

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.8



#74

N-ethyl acetate

Concen: 48.402 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Tgt Ion: 43 Resp: 129703

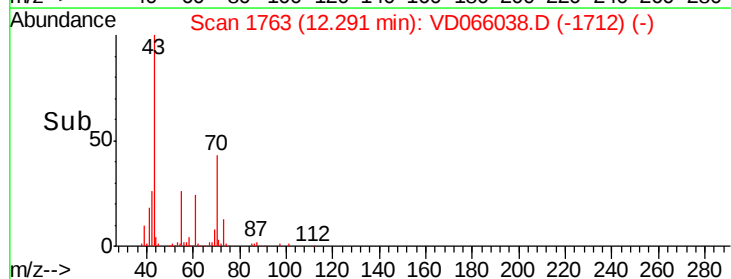
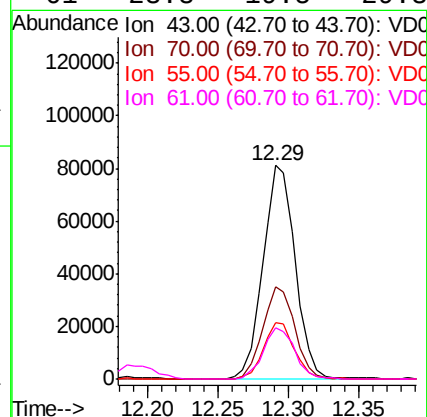
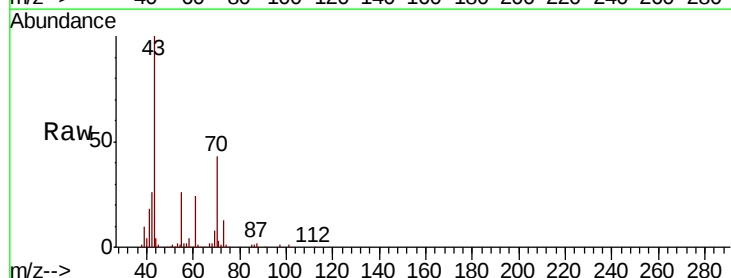
Ion Ratio Lower Upper

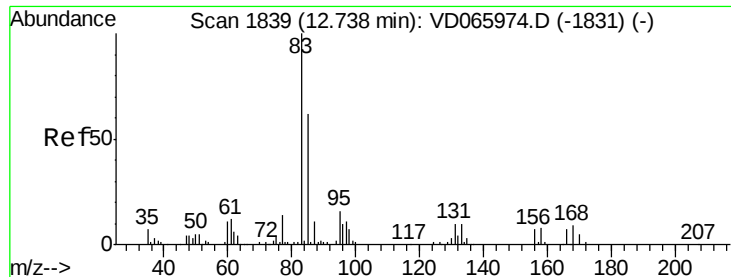
43 100

70 43.0 34.6 51.8

55 25.4 20.3 30.5

61 23.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.048 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

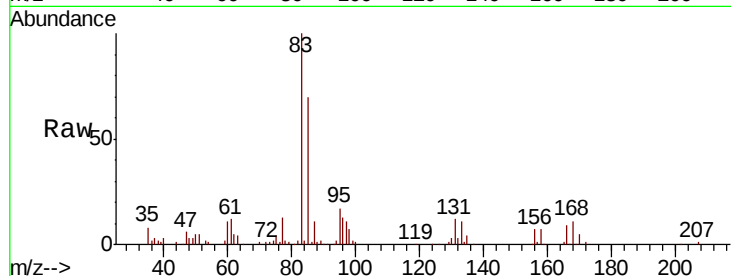
Tot Ion: 83 Resp: 100490

Ion Ratio Lower Upper

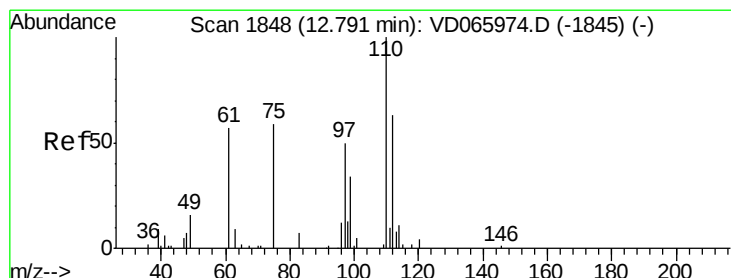
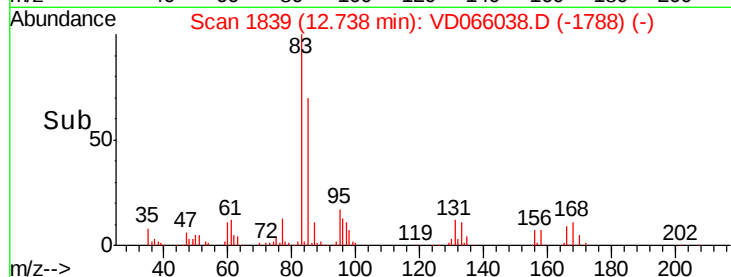
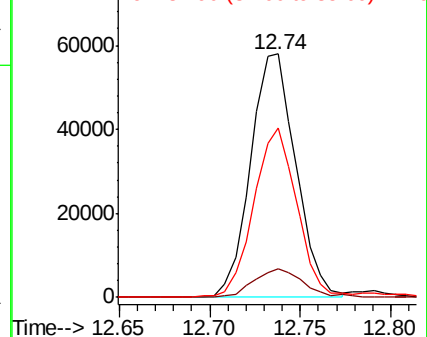
83 100

131 12.6 5.7 17.1

85 66.3 31.9 95.5



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: 83.928 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD066038.D

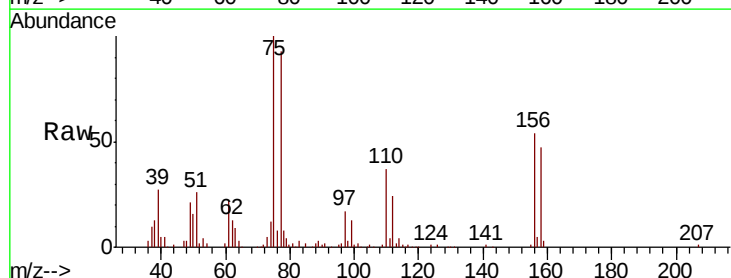
Acq: 24 Jul 2020 10:51

Tgt Ion: 75 Resp: 134975

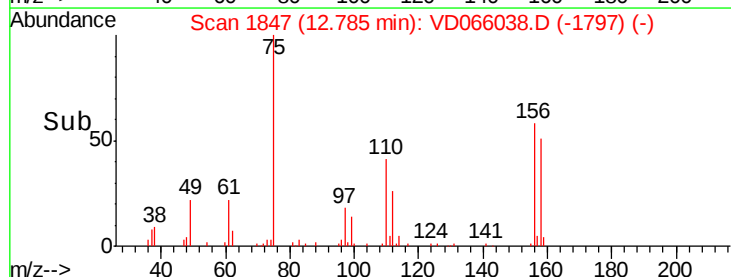
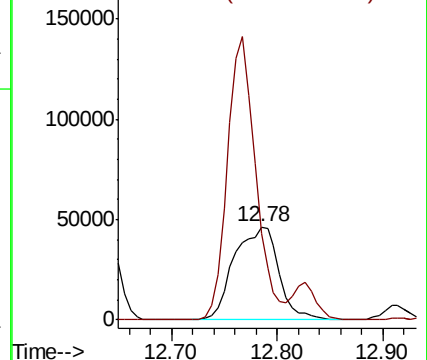
Ion Ratio Lower Upper

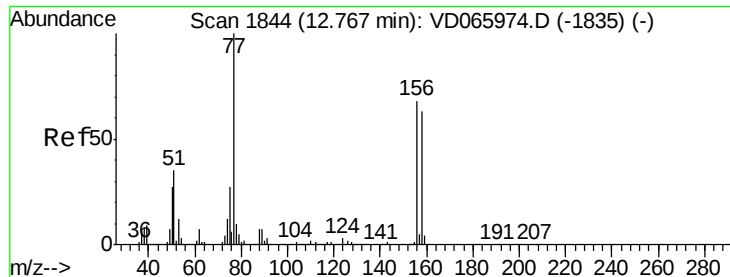
75 100

77 195.5 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: 50.481 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

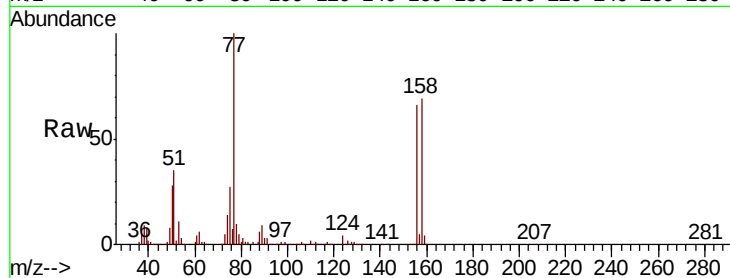
Tot Ion:156 Resp: 166736

Ion Ratio Lower Upper

156 100

77 158.3 83.0 249.0

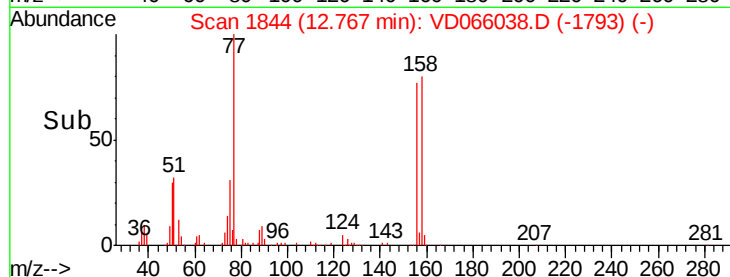
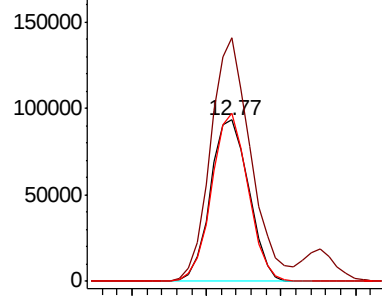
158 98.2 48.2 144.6



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: 52.138 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD066038.D

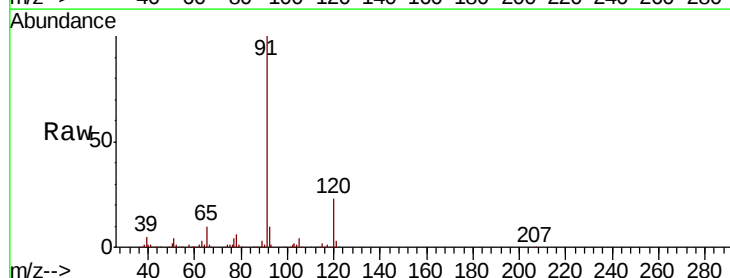
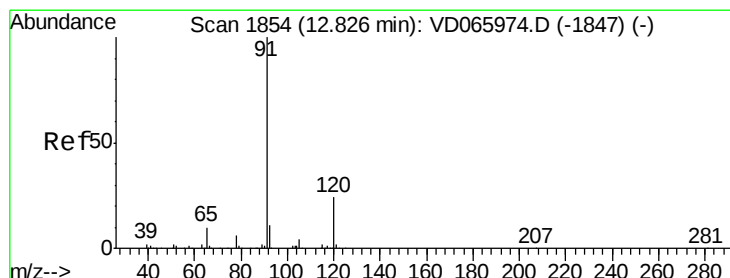
Acq: 24 Jul 2020 10:51

Tgt Ion: 91 Resp: 781935

Ion Ratio Lower Upper

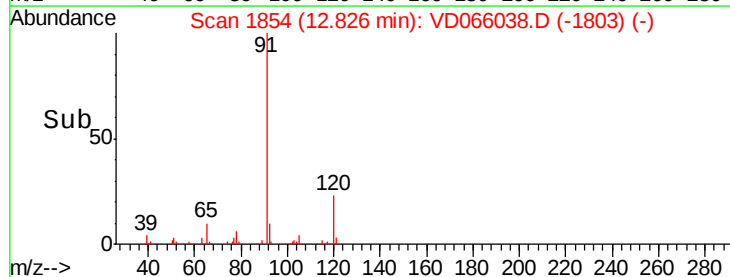
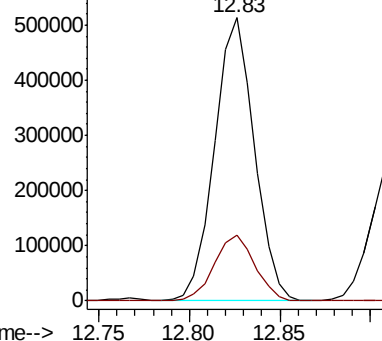
91 100

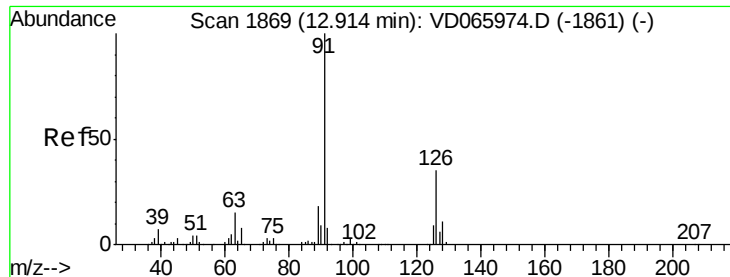
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.467 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

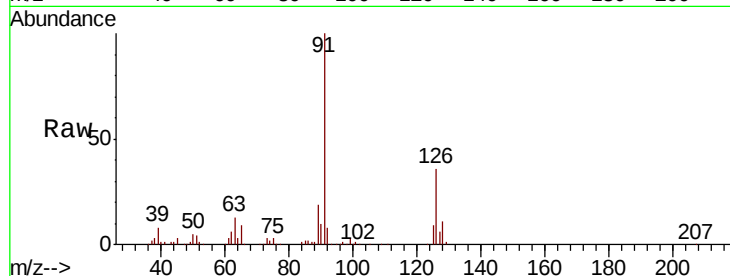
VSTDCCC050

Tot Ion: 91 Resp: 432406

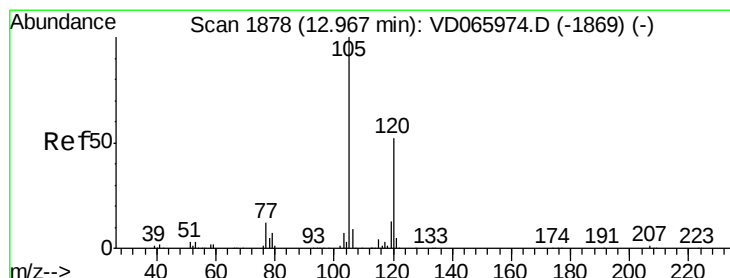
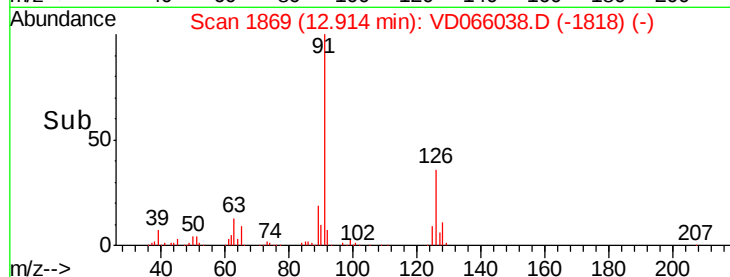
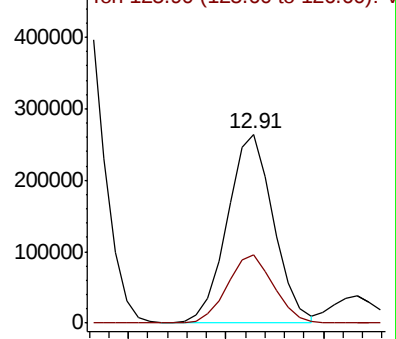
Ion Ratio Lower Upper

91 100

126 36.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD065974.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.667 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD066038.D

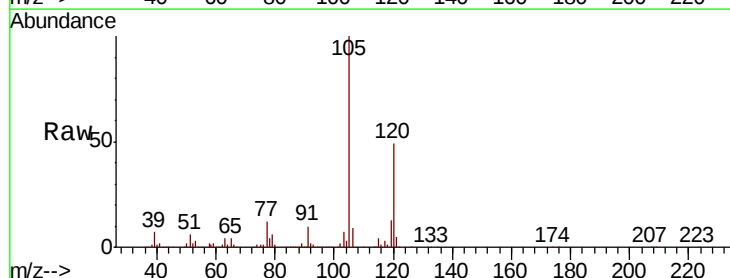
Acq: 24 Jul 2020 10:51

Tgt Ion:105 Resp: 569851

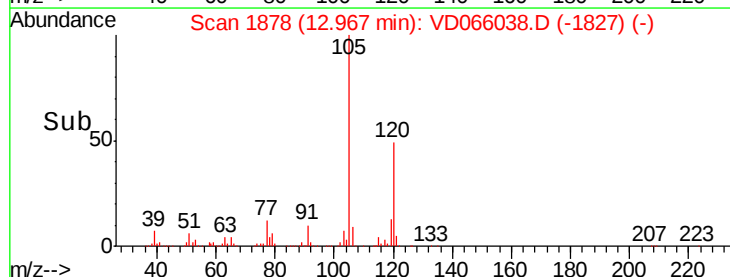
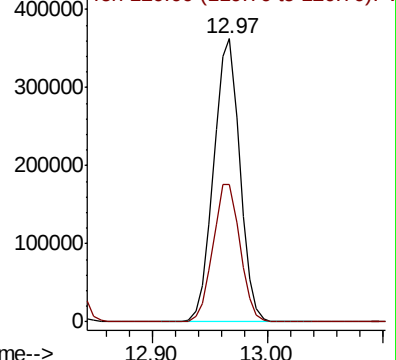
Ion Ratio Lower Upper

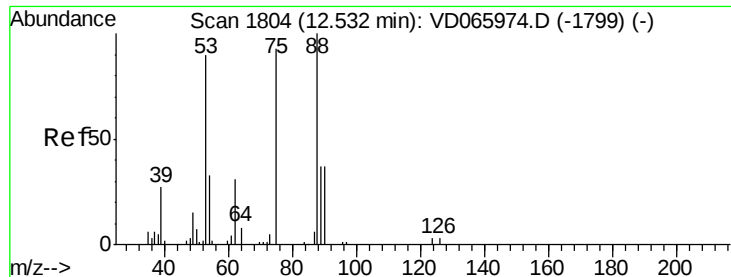
105 100

120 50.5 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065974.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.159 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

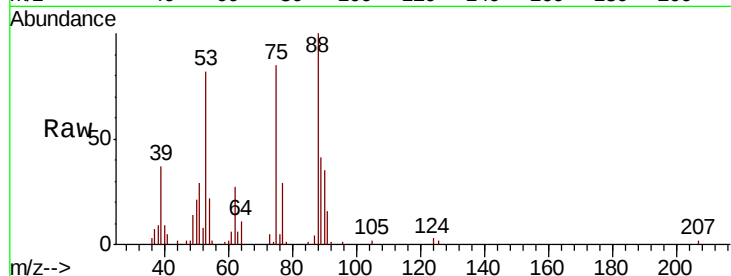
Tot Ion: 75 Resp: 34453

Ion Ratio Lower Upper

75 100

53 92.8 76.8 115.2

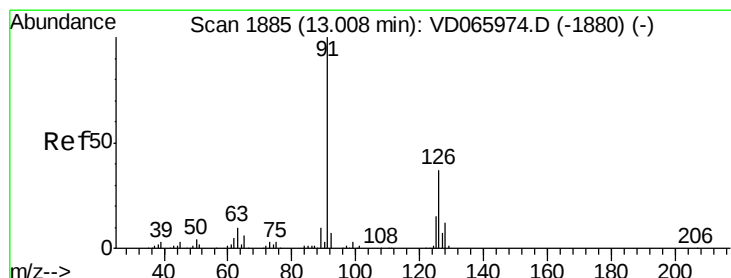
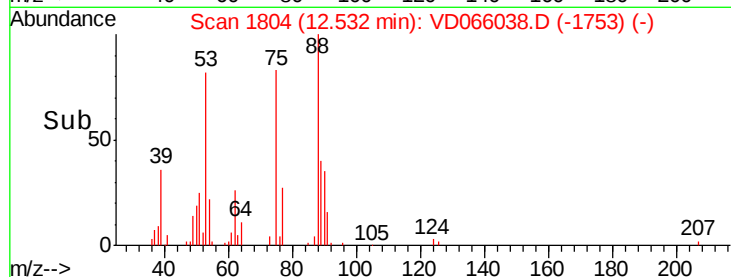
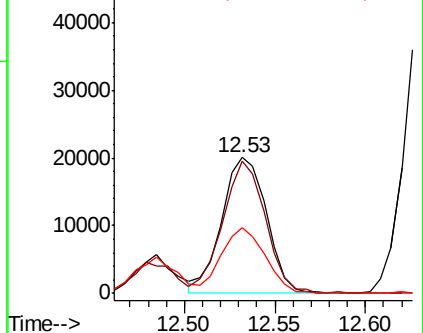
89 46.7 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.184 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066038.D

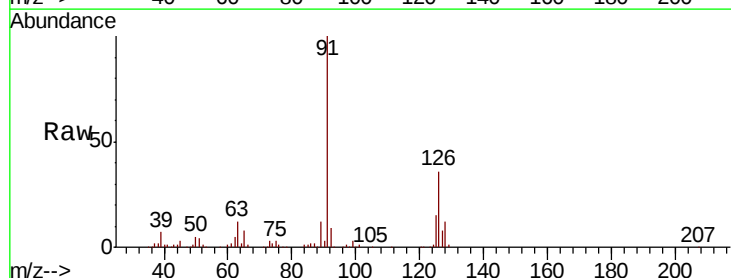
Acq: 24 Jul 2020 10:51

Tgt Ion: 91 Resp: 462888

Ion Ratio Lower Upper

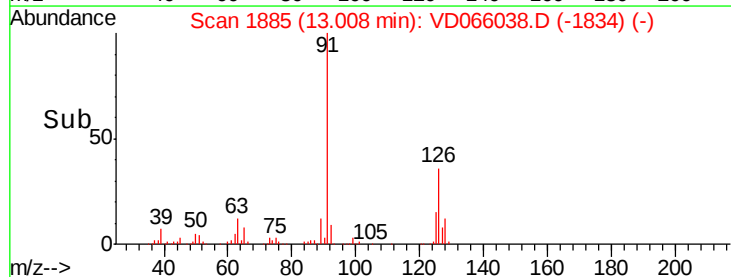
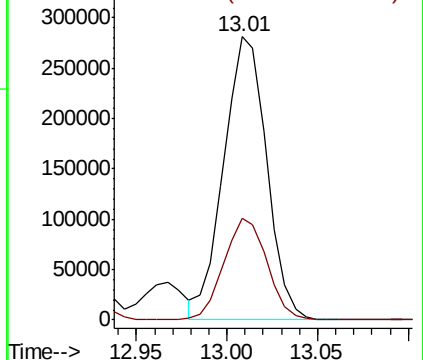
91 100

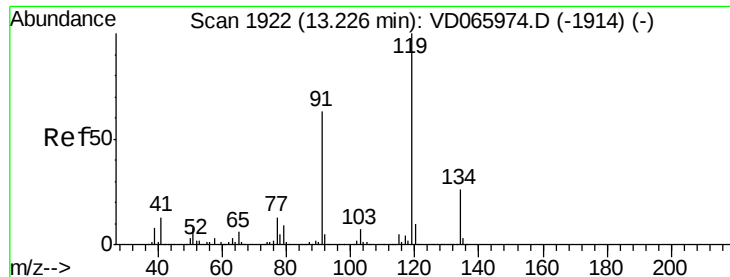
126 36.0 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

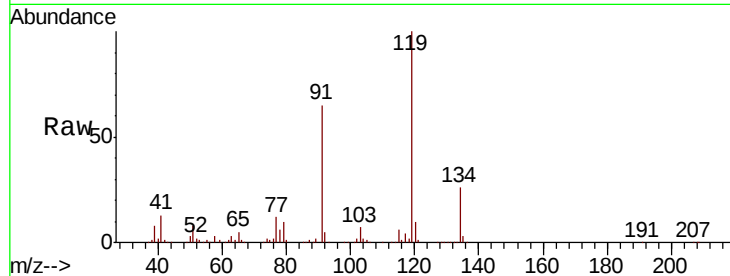




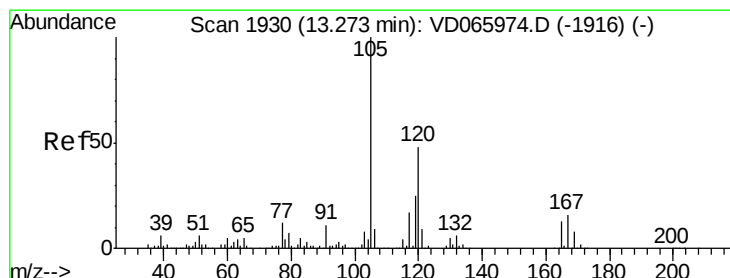
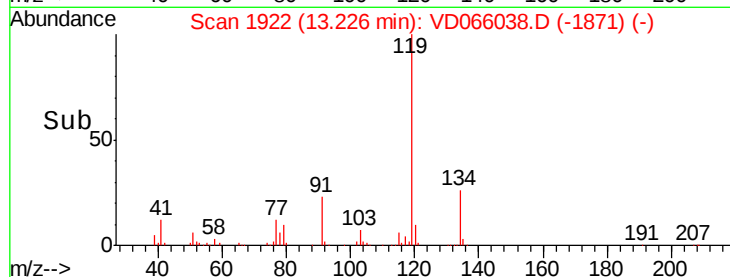
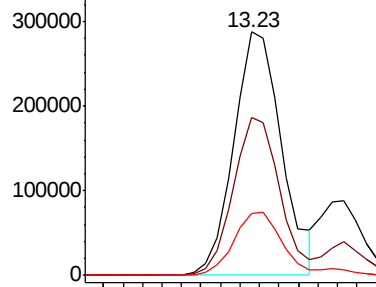
#83
tert-Butylbenzene
Concen: 52.884 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 491380
Ion Ratio Lower Upper
119 100
91 62.4 30.6 91.6
134 25.9 13.9 41.7

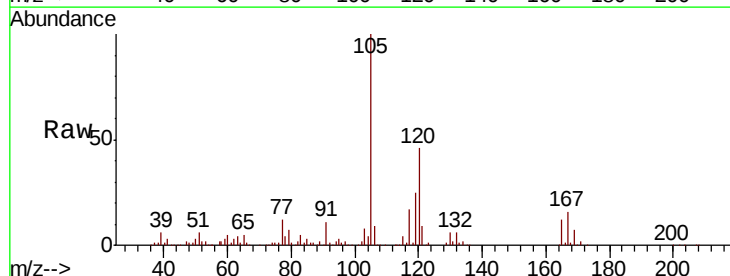


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

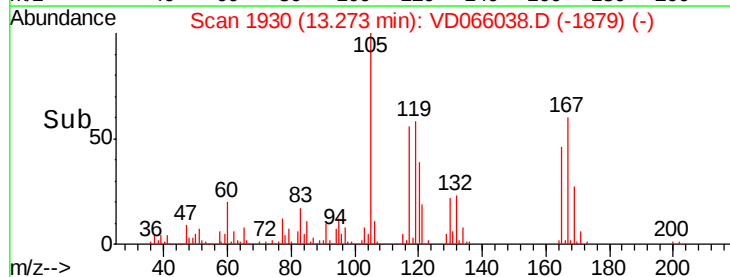
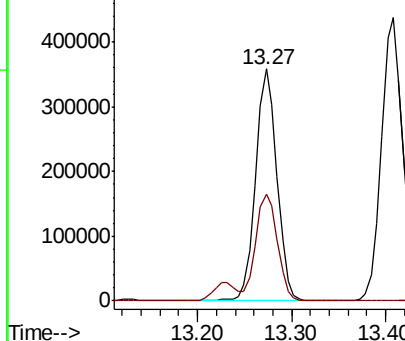


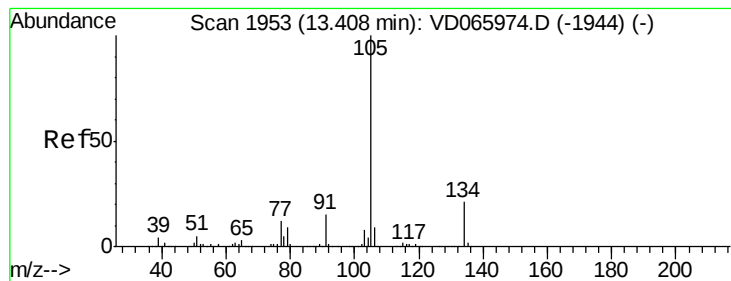
#84
1,2,4-Trimethylbenzene
Concen: 53.476 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion:105 Resp: 560204
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.296 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

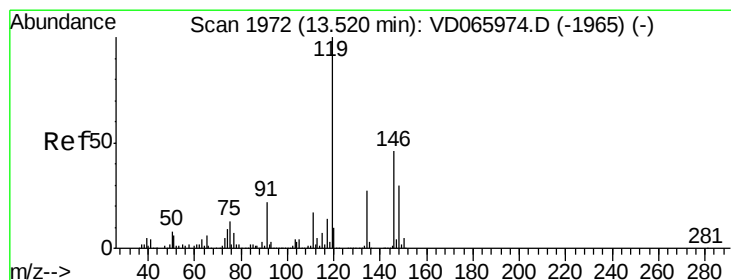
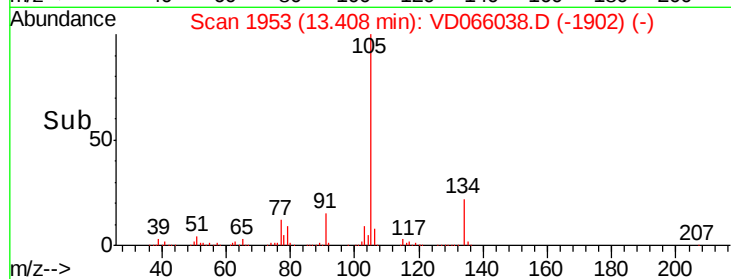
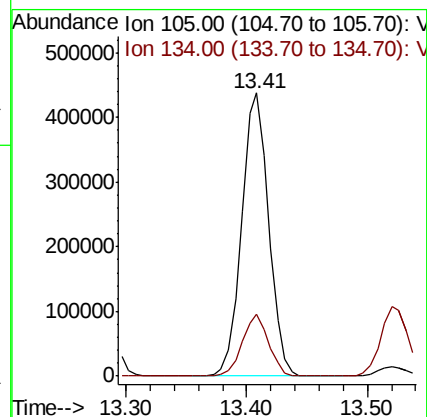
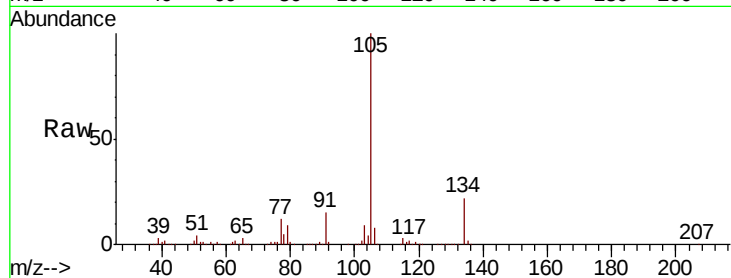
VSTDCCC050

Tot Ion:105 Resp: 682099

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 54.334 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

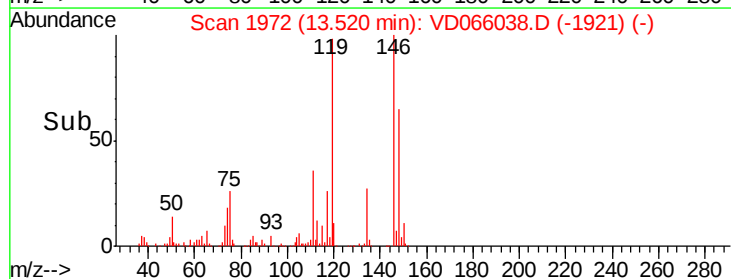
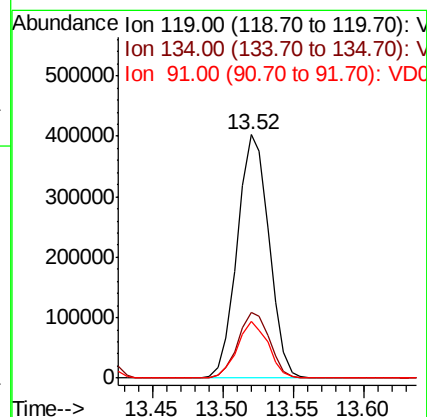
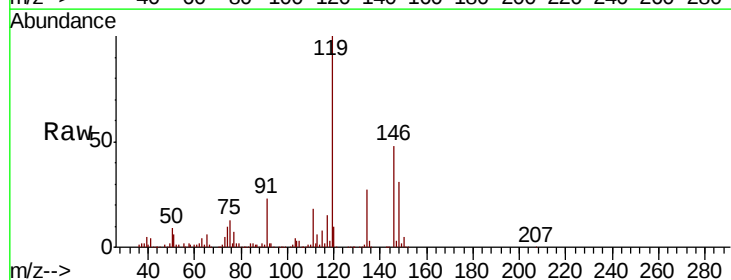
Tgt Ion:119 Resp: 631748

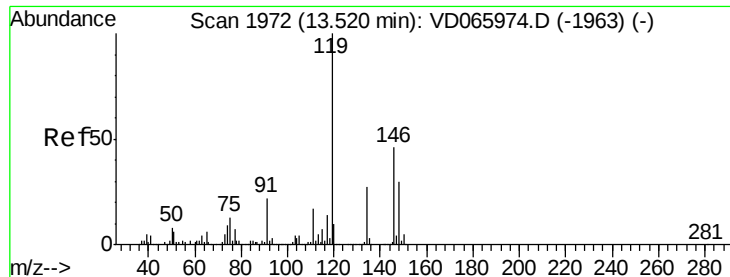
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 22.7 11.1 33.3

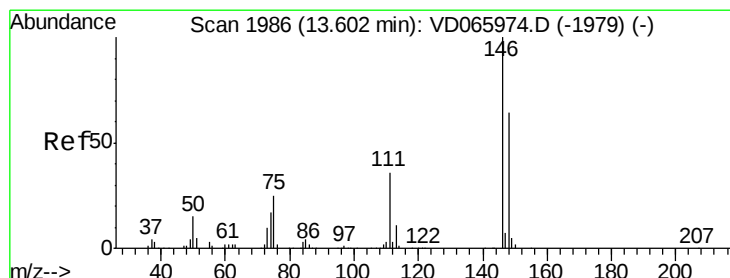
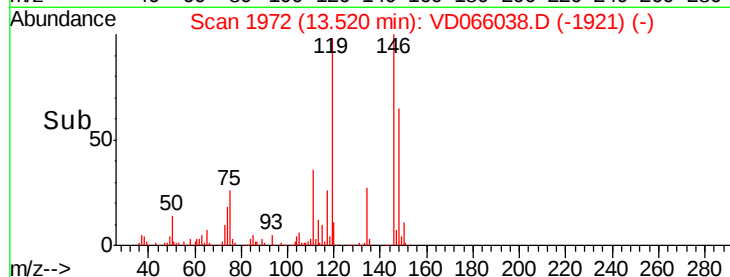
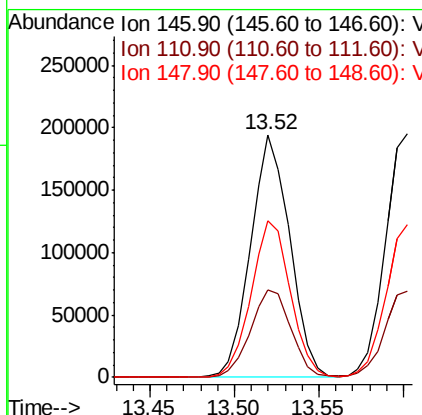
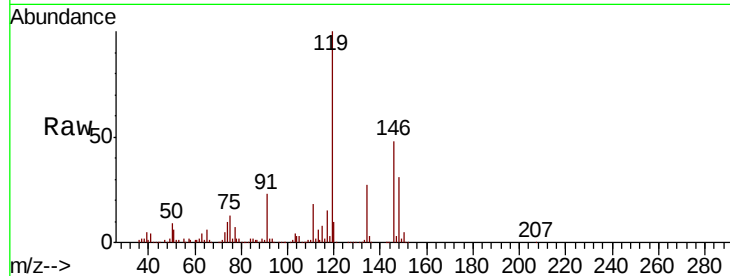




#87
 1,3-Dichlorobenzene
 Concen: 51.108 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

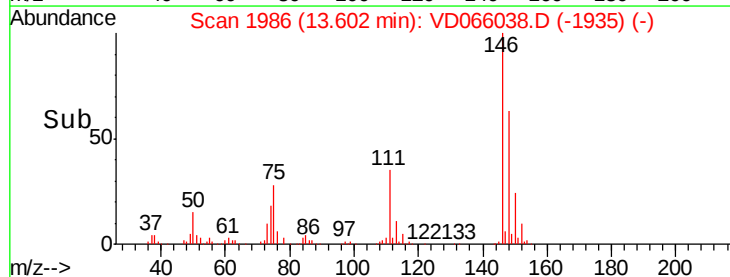
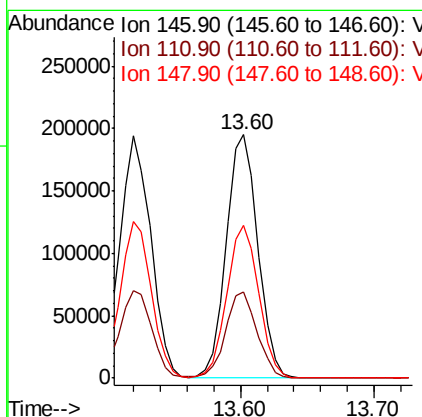
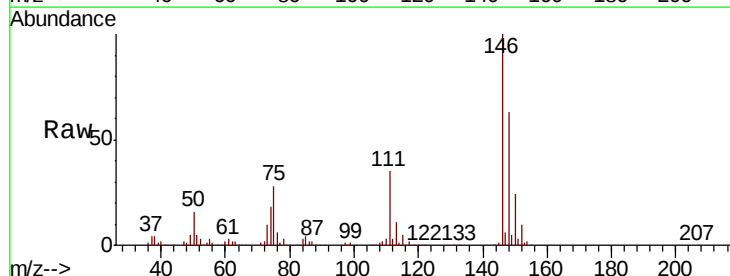
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

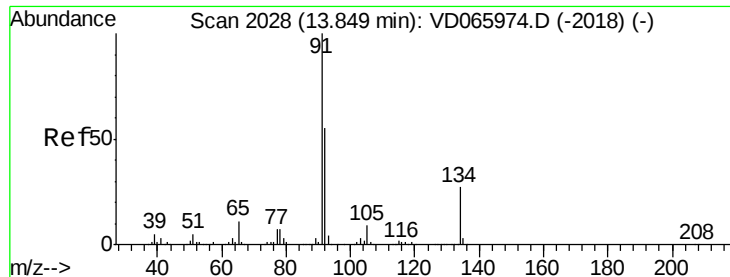
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.6
148	64.8	32.4	97.0



#88
 1,4-Dichlorobenzene
 Concen: 52.080 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.8	56.4
148	63.1	32.2	96.6

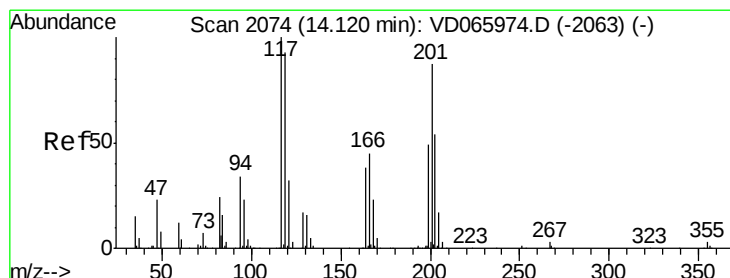
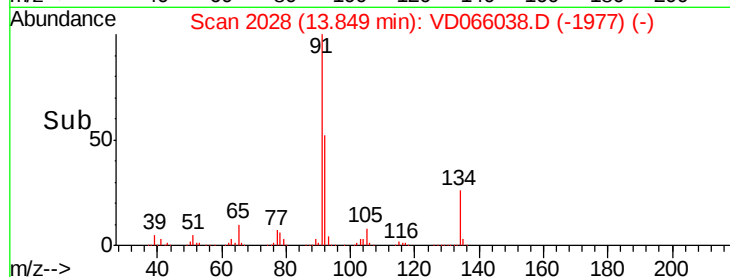
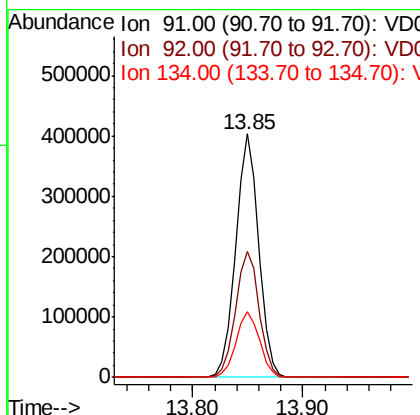
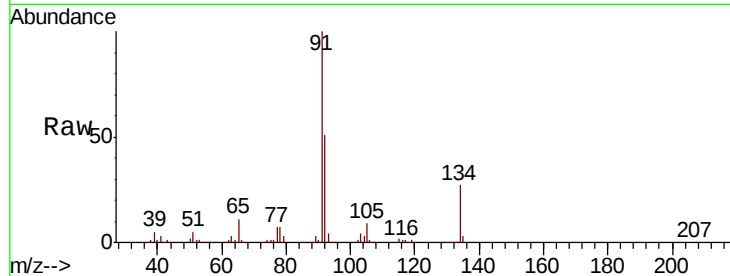




#89
n-Butylbenzene
Concen: 54.429 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

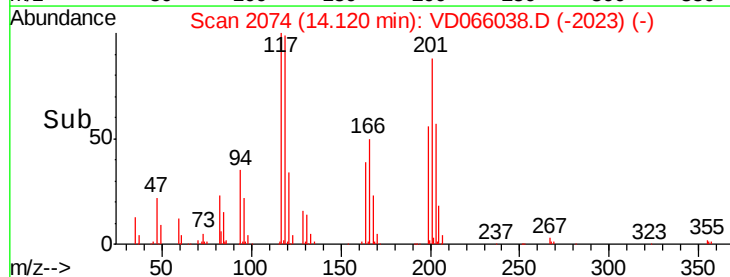
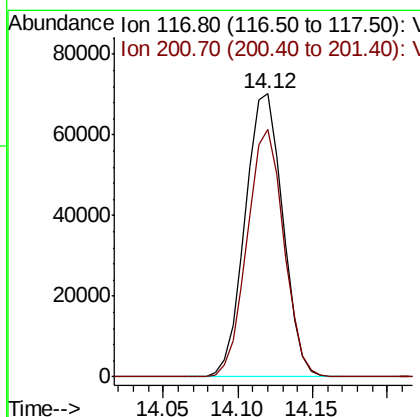
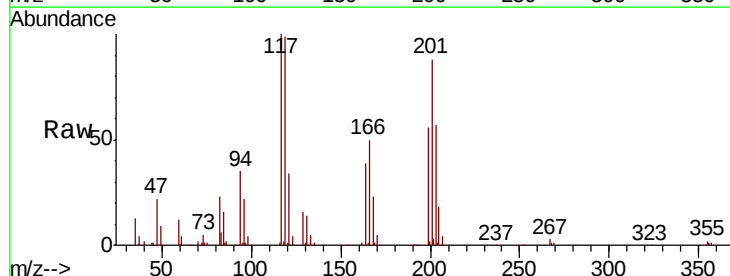
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

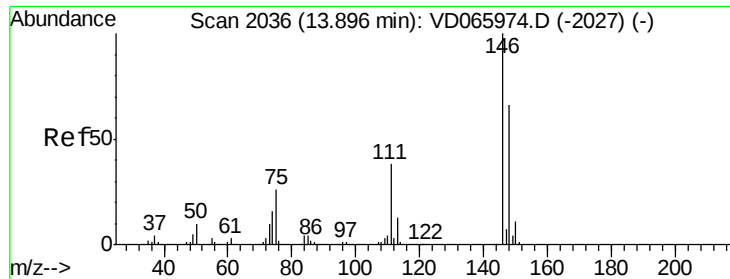
Tot Ion: 91 Resp: 588445
Ion Ratio Lower Upper
91 100
92 53.1 27.2 81.6
134 27.8 13.8 41.4



#90
Hexachloroethane
Concen: 50.999 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066038.D
Acq: 24 Jul 2020 10:51

Tgt Ion: 117 Resp: 122754
Ion Ratio Lower Upper
117 100
201 85.0 42.0 126.1





#91

1,2-Dichlorobenzene

Concen: 52.474 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

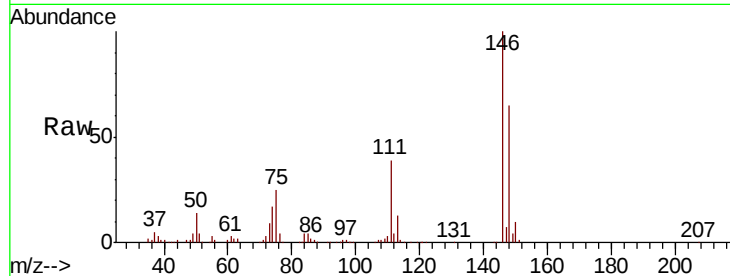
Tot Ion:146 Resp: 278842

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

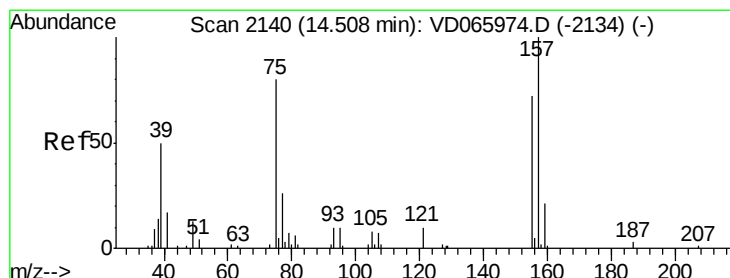
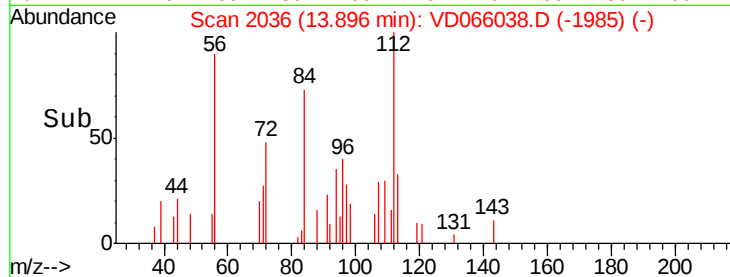
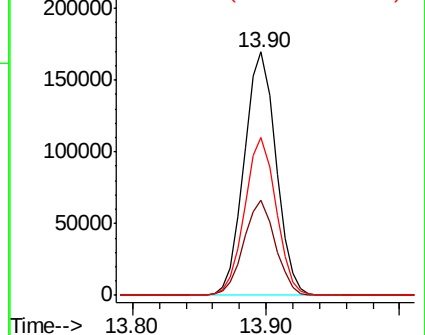
148 64.3 32.7 98.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.438 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.01 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

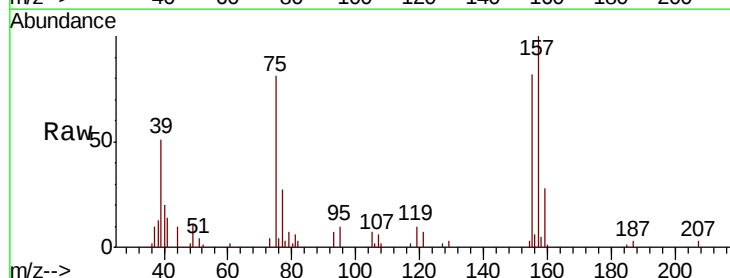
Tgt Ion: 75 Resp: 16256

Ion Ratio Lower Upper

75 100

155 104.5 48.5 145.5

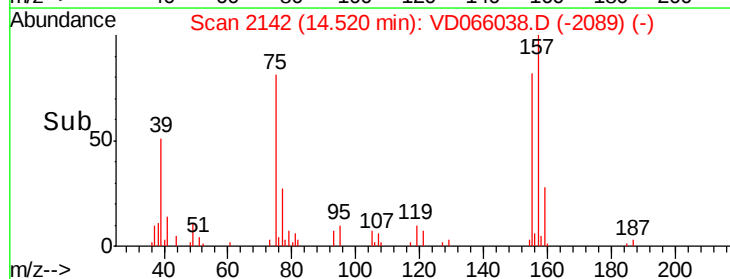
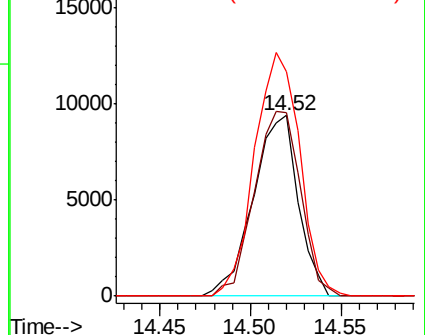
157 134.6 64.7 194.1

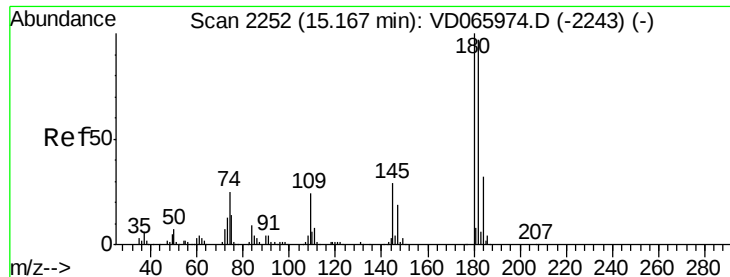


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

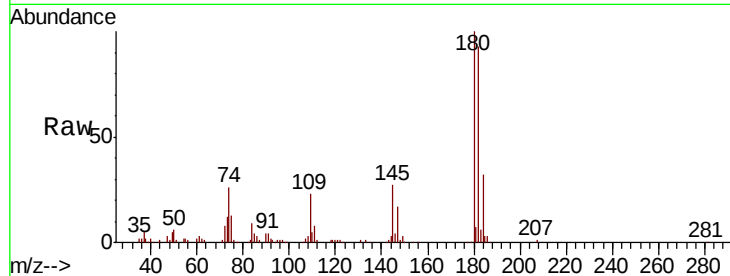




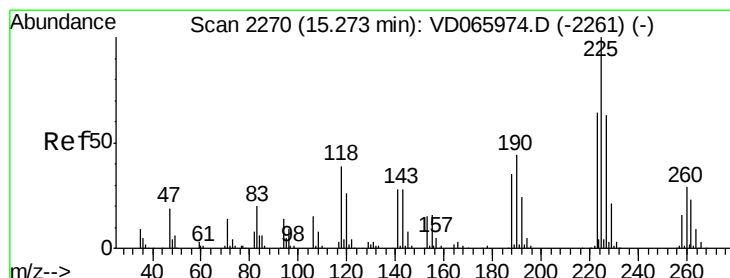
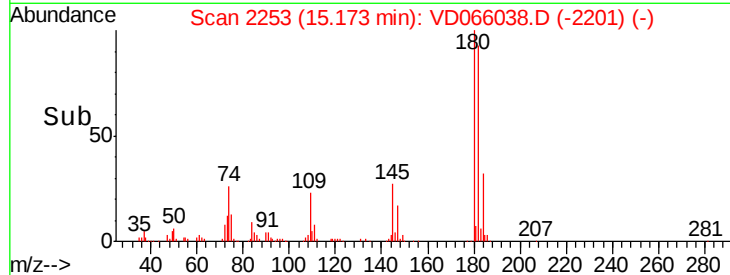
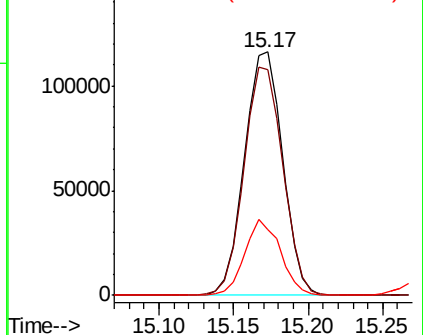
#93
 1,2,4-Trichlorobenzene
 Concen: 53.985 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 205914
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.1 144.3
 145 29.2 14.7 44.1

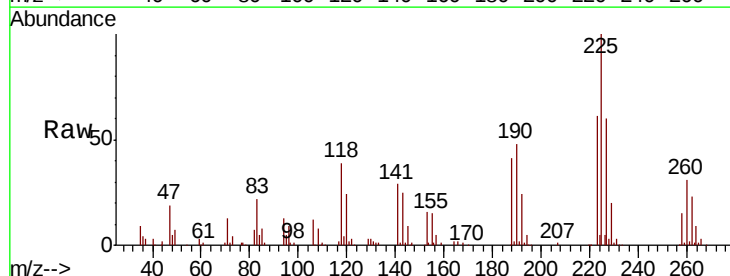


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

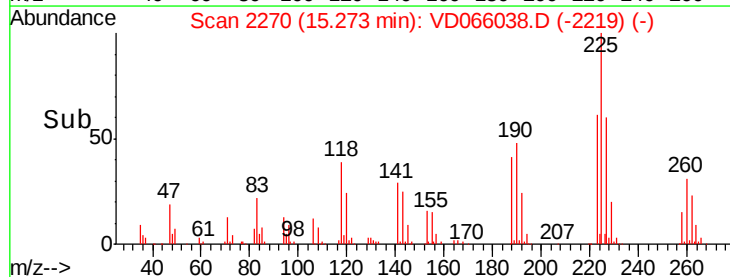
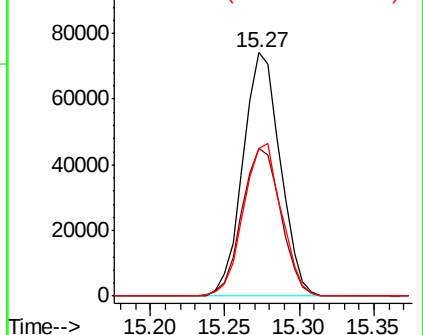


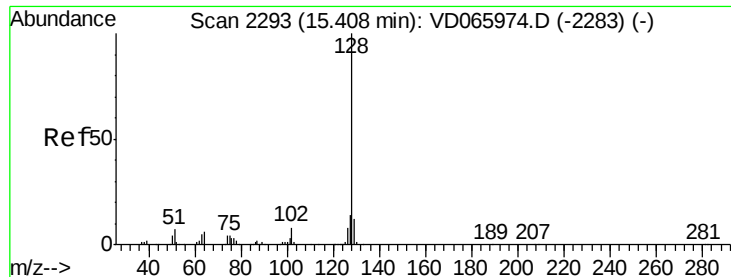
#94
 Hexachlorobutadiene
 Concen: 54.375 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066038.D
 Acq: 24 Jul 2020 10:51

Tgt Ion:225 Resp: 128224
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.2 93.6
 227 63.4 31.6 94.8



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





#95

Naphthalene

Concen: 47.913 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

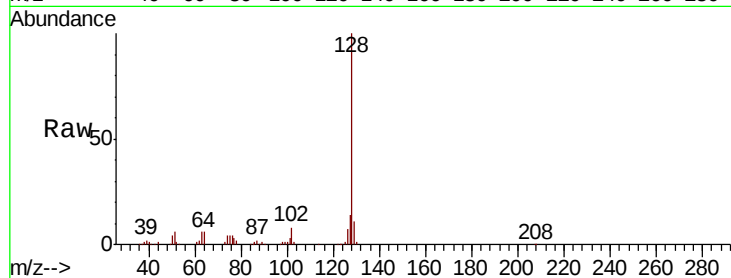
Tot Ion:128 Resp: 323914

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

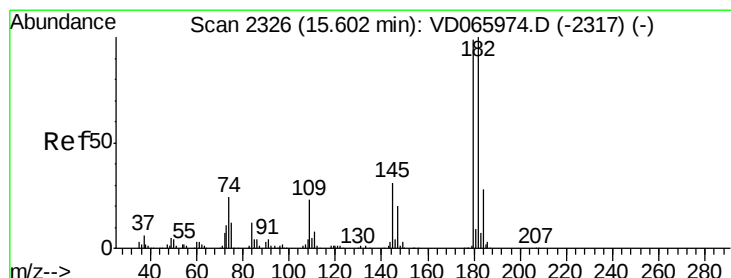
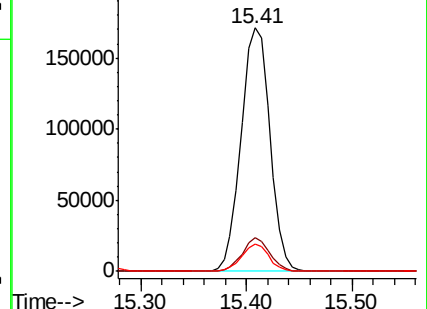
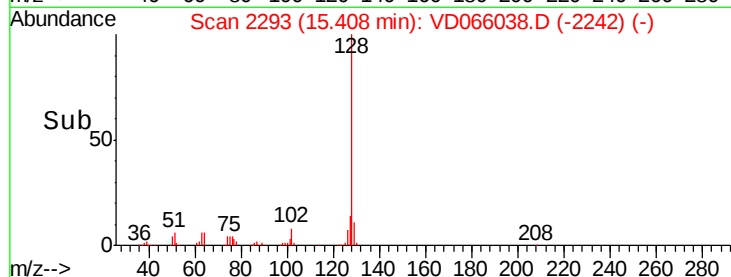
129 10.5 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 53.169 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066038.D

Acq: 24 Jul 2020 10:51

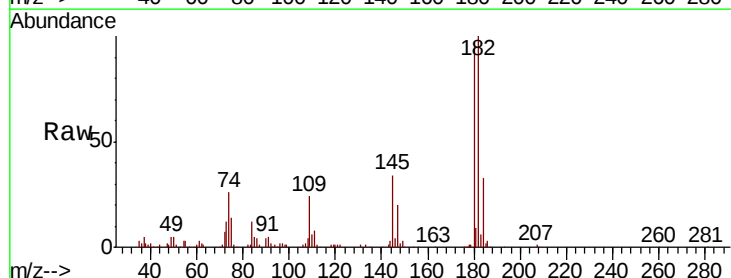
Tgt Ion:180 Resp: 176304

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 31.2 15.4 46.2



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

