

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
 Data File : VD066574.D
 Acq On : 09 Sep 2020 11:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 09 13:09:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	417944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	670647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	604853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	276803	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	255513	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.91	113	231393	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.34	98	862882	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.63	95	289728	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	160440	46.187	ug/l	92
3) Chloromethane	2.21	50	217920	41.230	ug/l	97
4) Vinyl Chloride	2.35	62	251099	42.833	ug/l	98
5) Bromomethane	2.77	94	179252	48.203	ug/l #	80
6) Chloroethane	2.92	64	164550	44.192	ug/l	100
7) Trichlorofluoromethane	3.27	101	367257	42.408	ug/l	100
8) Diethyl Ether	3.71	74	90940	41.701	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	197787	42.199	ug/l	100
10) Methyl Iodide	4.30	142	181070	42.969	ug/l	98
11) Tert butyl alcohol	5.22	59	63305	189.082	ug/l	97
12) 1,1-Dichloroethene	4.07	96	181415	43.083	ug/l	99
13) Acrolein	3.92	56	71407	345.359	ug/l	96
14) Allyl chloride	4.71	41	297561	43.118	ug/l	98
15) Acrylonitrile	5.42	53	202602	216.272	ug/l	100
16) Acetone	4.16	43	264966	284.780	ug/l	96
17) Carbon Disulfide	4.41	76	560432	40.486	ug/l	100
18) Methyl Acetate	4.71	43	90068	40.609	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	451762	45.750	ug/l	100
20) Methylene Chloride	4.97	84	210059	40.119	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	212412	42.480	ug/l	96
22) Diisopropyl ether	6.36	45	618754	43.601	ug/l	97
23) Vinyl Acetate	6.30	43	1843939	228.327	ug/l	100
24) 1,1-Dichloroethane	6.27	63	378454	42.407	ug/l	98
25) 2-Butanone	7.21	43	286533	229.412	ug/l	99
26) 2,2-Dichloropropane	7.20	77	367402	44.881	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	231606	43.072	ug/l	97
28) Bromochloromethane	7.55	49	166093	48.342	ug/l	97
29) Tetrahydrofuran	7.56	42	166399	213.919	ug/l	99
30) Chloroform	7.71	83	403511	42.739	ug/l	98
31) Cyclohexane	7.98	56	333872	40.472	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	378948	42.690	ug/l	98
36) 1,1-Dichloropropene	8.11	75	307978	44.127	ug/l	100
37) Ethyl Acetate	7.28	43	123977	44.609	ug/l #	94
38) Carbon Tetrachloride	8.09	117	345284	46.805	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	370079	47.485	ug/l	98
40) Benzene	8.34	78	827536	43.292	ug/l	97
41) Methacrylonitrile	7.52	41	78896	58.646	ug/l	87
42) 1,2-Dichloroethane	8.42	62	270679	43.705	ug/l	99
43) Isopropyl Acetate	8.45	43	237635	44.618	ug/l	99
44) Trichloroethene	9.11	130	224984	44.871	ug/l	94
45) 1,2-Dichloropropane	9.38	63	209926	43.670	ug/l	95
46) Dibromomethane	9.47	93	116666	43.990	ug/l	96
47) Bromodichloromethane	9.66	83	315699	43.998	ug/l	97
48) Methyl methacrylate	9.45	41	128881	47.856	ug/l	95
49) 1,4-Dioxane	9.46	88	27519	945.807	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	609940	227.078	ug/l	98
52) Toluene	10.40	92	539646	44.599	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	294515	46.496	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	343416	45.147	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	152339	44.675	ug/l	96
56) Ethyl methacrylate	10.66	69	187465	47.216	ug/l #	94
57) 1,3-Dichloropropane	10.94	76	264416	44.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	454089	250.046	ug/l	98
59) 2-Hexanone	10.98	43	449206	248.687	ug/l	99
60) Dibromochloromethane	11.14	129	208707	46.285	ug/l	98
61) 1,2-Dibromoethane	11.24	107	148239	44.684	ug/l	100
64) Tetrachloroethene	10.87	164	179247	44.014	ug/l	98
65) Chlorobenzene	11.67	112	557808	44.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	213880	44.891	ug/l	99
67) Ethyl Benzene	11.74	91	1060490	46.264	ug/l	99
68) m/p-Xylenes	11.86	106	787403	92.514	ug/l	96
69) o-Xylene	12.18	106	357738	46.900	ug/l	99
70) Styrene	12.20	104	612318	46.175	ug/l	97
71) Bromoform	12.36	173	110878	46.178	ug/l #	97
73) Isopropylbenzene	12.48	105	1016195	49.585	ug/l	98
74) N-amyl acetate	12.29	43	221166	47.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	164081	45.318	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	226059	84.917	ug/l #	100
77) Bromobenzene	12.76	156	215489	47.163	ug/l	99
78) n-propylbenzene	12.82	91	1210805	48.736	ug/l	99
79) 2-Chlorotoluene	12.91	91	673707	48.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	842633	48.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	54864	48.115	ug/l	98
82) 4-Chlorotoluene	13.01	91	702116	47.108	ug/l	99
83) tert-Butylbenzene	13.23	119	700038	49.697	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	850963	49.550	ug/l	96
85) sec-Butylbenzene	13.40	105	1005355	49.539	ug/l	99
86) p-Isopropyltoluene	13.52	119	917458	50.227	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	415890	45.850	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	415623	45.651	ug/l	99
89) n-Butylbenzene	13.84	91	891751	50.099	ug/l	99
90) Hexachloroethane	14.11	117	188165	47.809	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	365534	46.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28008	45.538	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

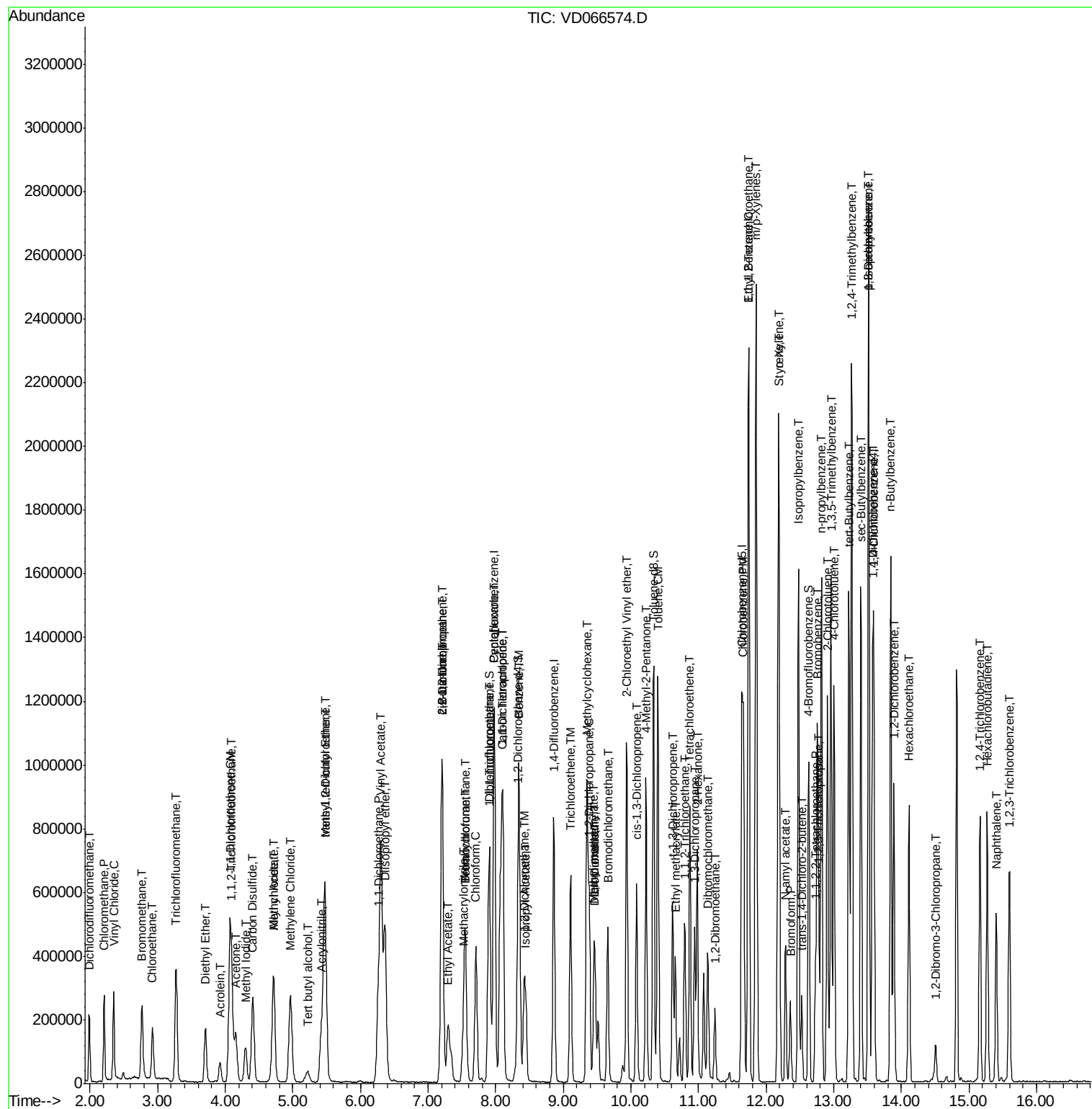
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	243756	51.228	ug/l	98
94) Hexachlorobutadiene	15.27	225	140015	48.980	ug/l	96
95) Naphthalene	15.41	128	450900	54.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	208831	51.478	ug/l	99

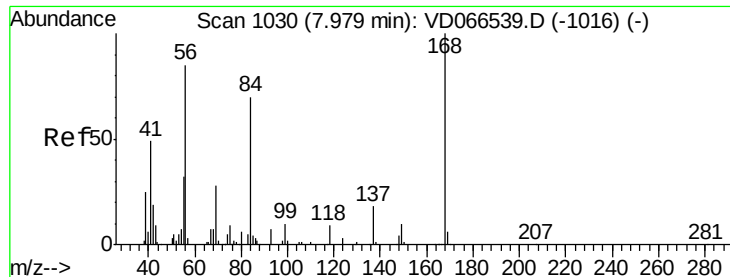
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

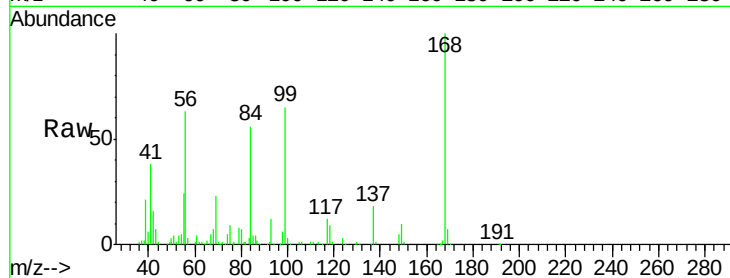
VSTDCCC050

Tgt Ion:168 Resp: 417944

Ion Ratio Lower Upper

168 100

99 64.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

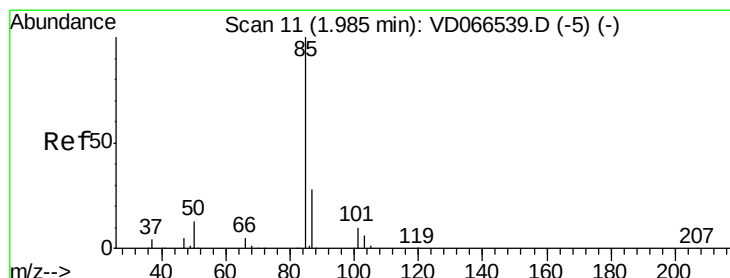
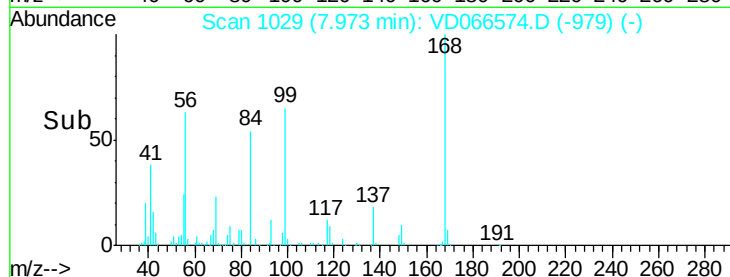
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.187 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066574.D

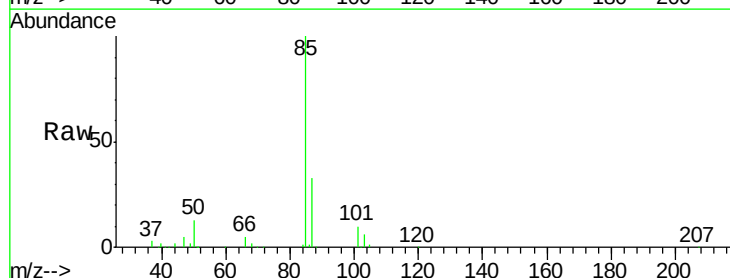
Acq: 09 Sep 2020 11:00

Tgt Ion: 85 Resp: 160440

Ion Ratio Lower Upper

85 100

87 32.5 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

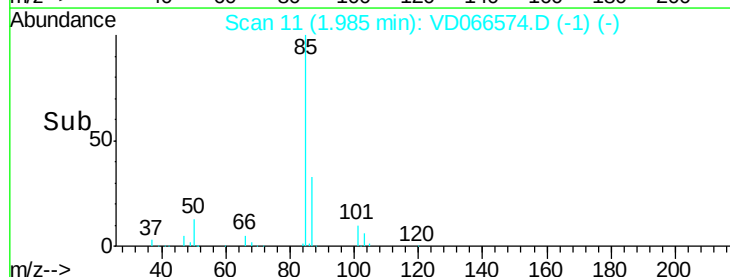
1.99

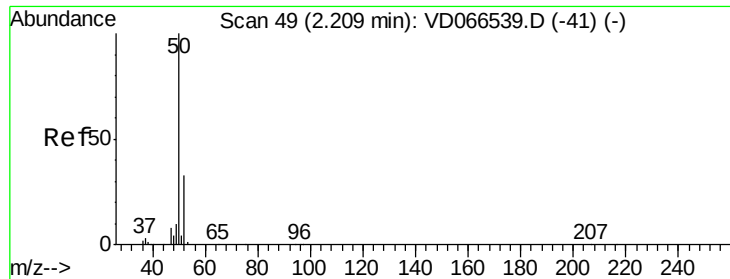
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.230 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

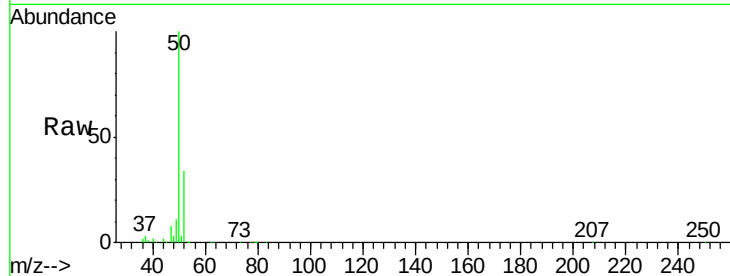
VSTDCCC050

Tgt Ion: 50 Resp: 217920

Ion Ratio Lower Upper

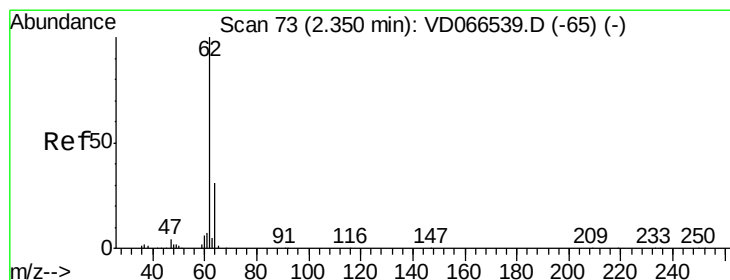
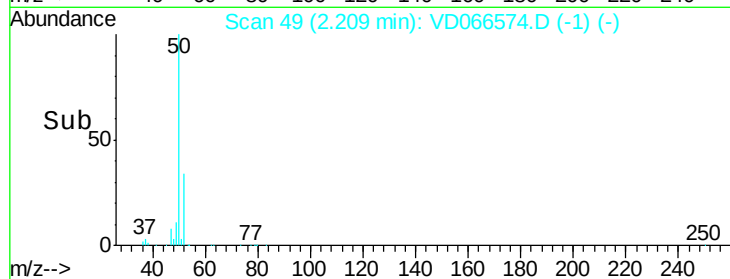
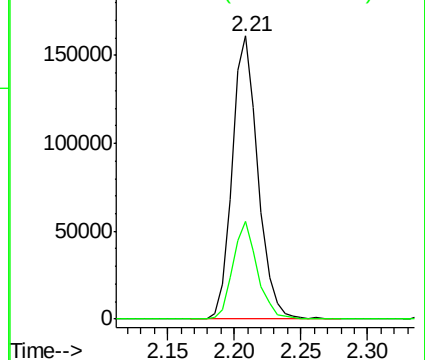
50 100

52 34.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.833 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066574.D

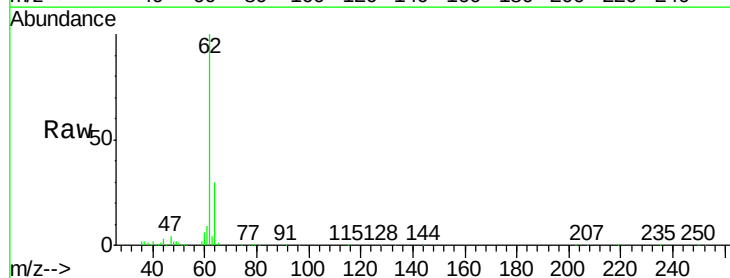
Acq: 09 Sep 2020 11:00

Tgt Ion: 62 Resp: 251099

Ion Ratio Lower Upper

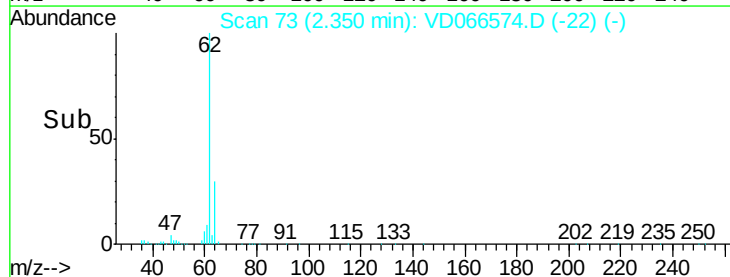
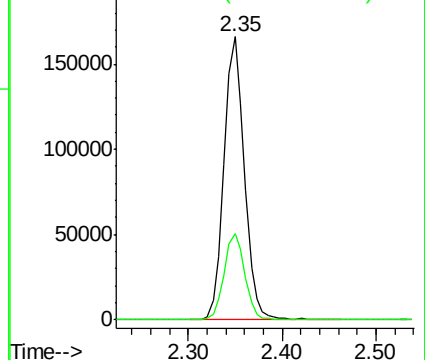
62 100

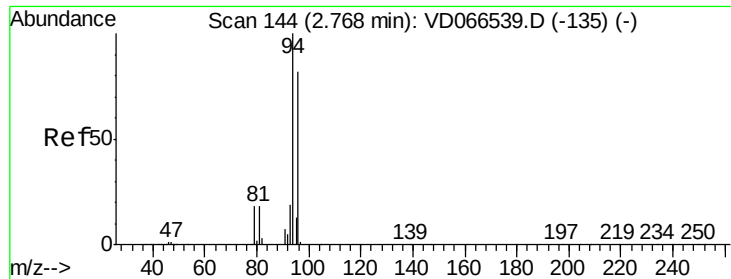
64 30.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 48.203 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

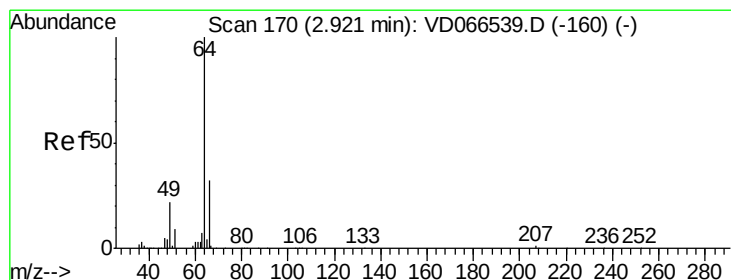
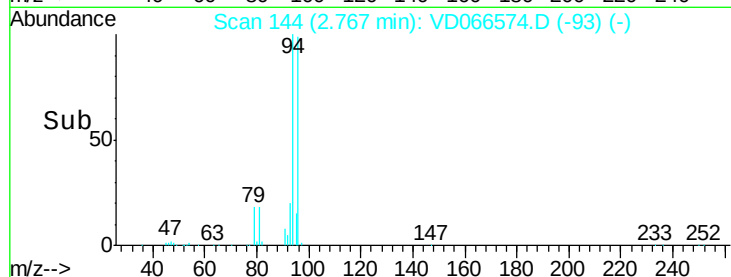
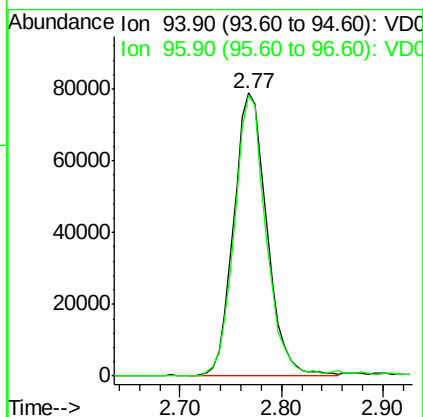
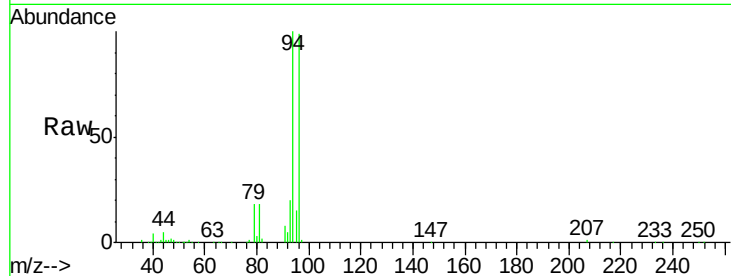
VSTDCCC050

Tgt Ion: 94 Resp: 179252

Ion Ratio Lower Upper

94 100

96 99.2 65.2 97.8#



#6

Chloroethane

Concen: 44.192 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066574.D

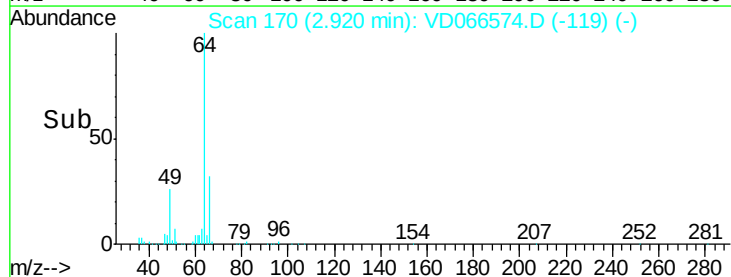
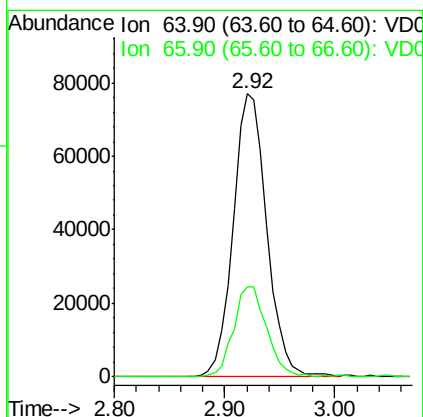
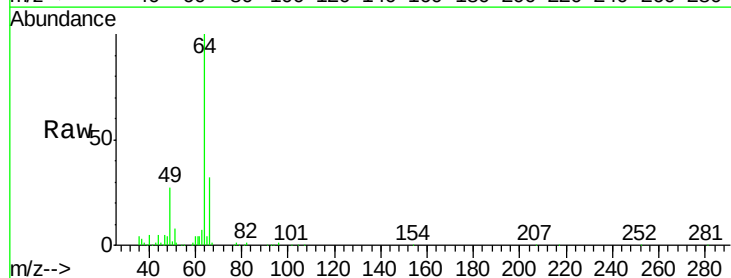
Acq: 09 Sep 2020 11:00

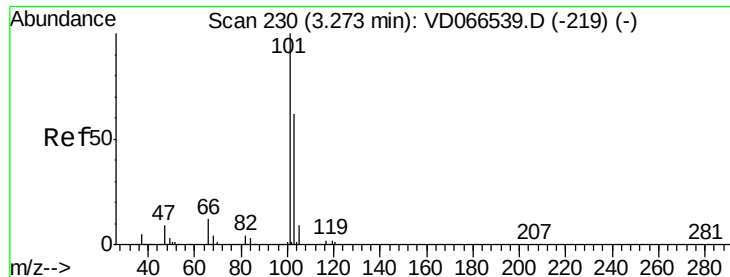
Tgt Ion: 64 Resp: 164550

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0



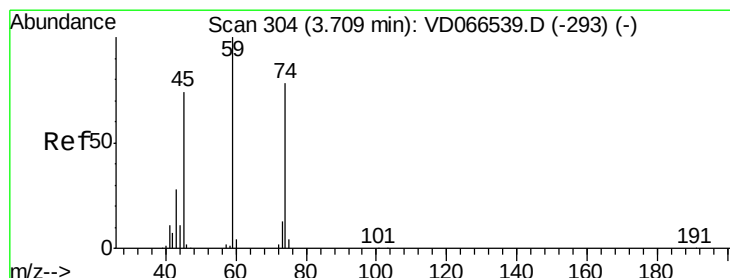
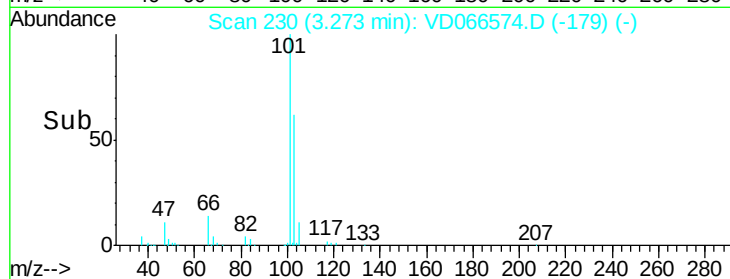
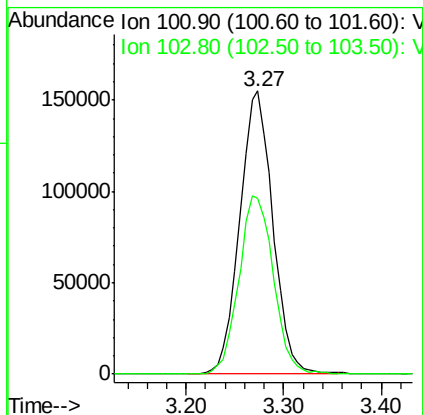
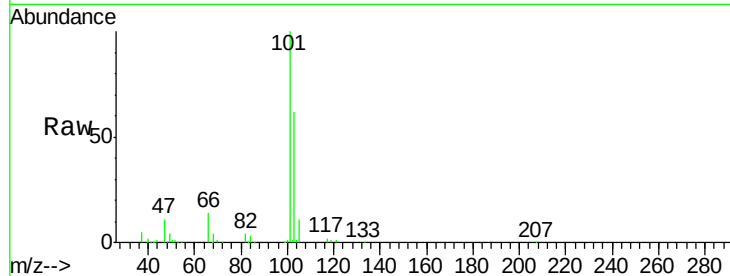


#7

Trichlorofluoromethane
 Concen: 42.408 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

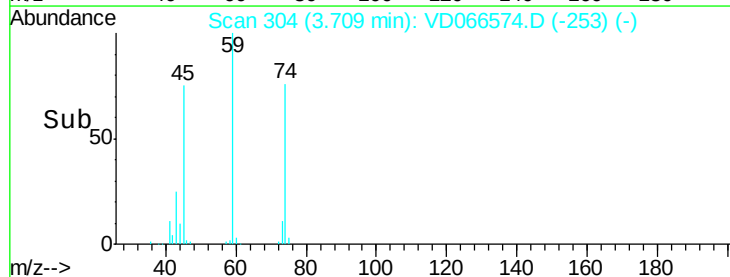
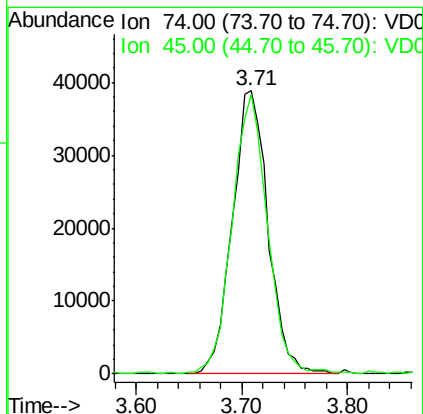
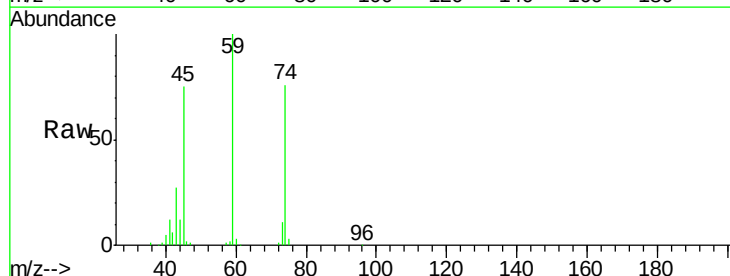
Tgt Ion: 101 Resp: 367257
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.7 74.5

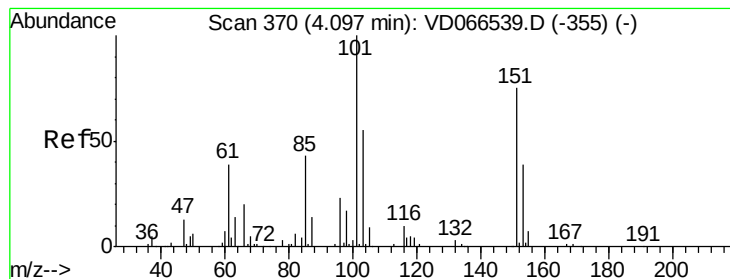


#8

Diethyl Ether
 Concen: 41.701 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 74 Resp: 90940
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.199 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

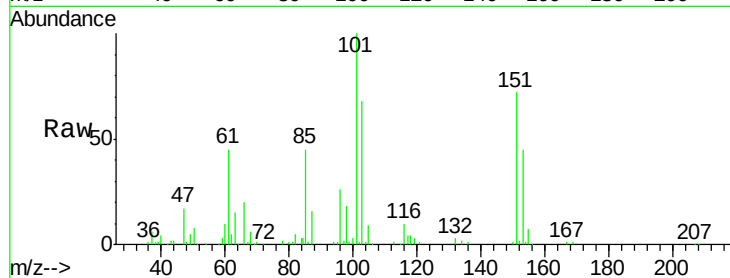
Tgt Ion:101 Resp: 197787

Ion Ratio Lower Upper

101 100

85 46.4 37.0 55.6

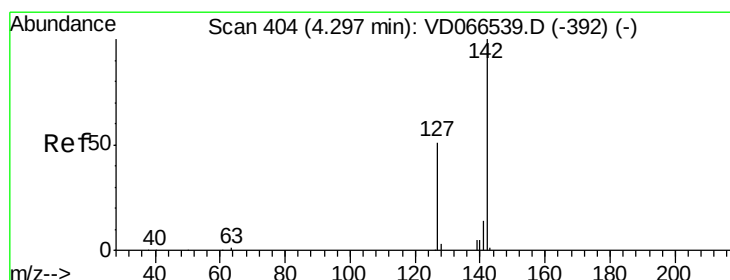
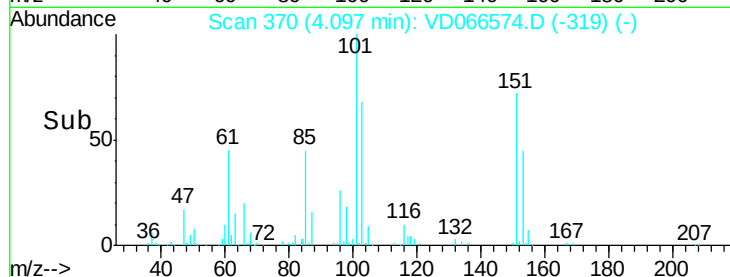
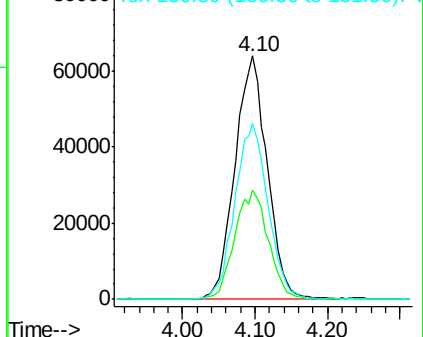
151 74.2 59.4 89.2



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: 42.969 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

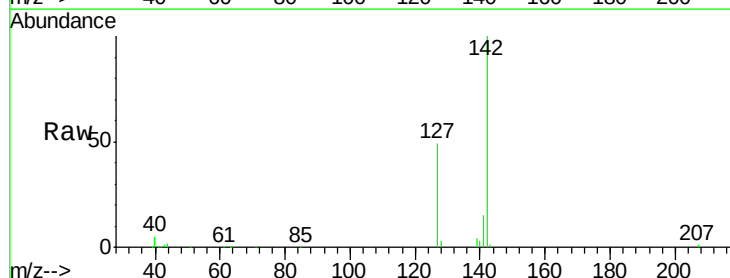
Tgt Ion:142 Resp: 181070

Ion Ratio Lower Upper

142 100

127 52.3 40.6 61.0

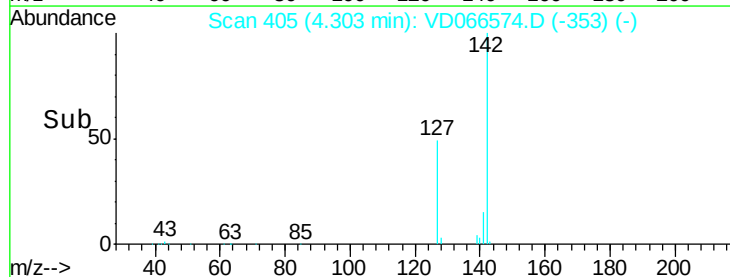
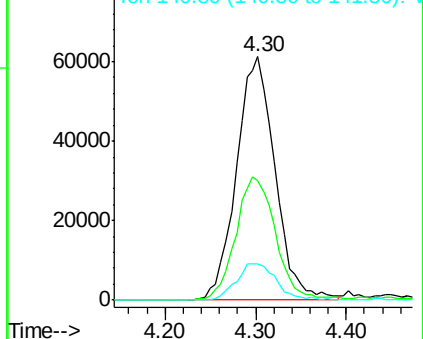
141 15.6 12.2 18.4

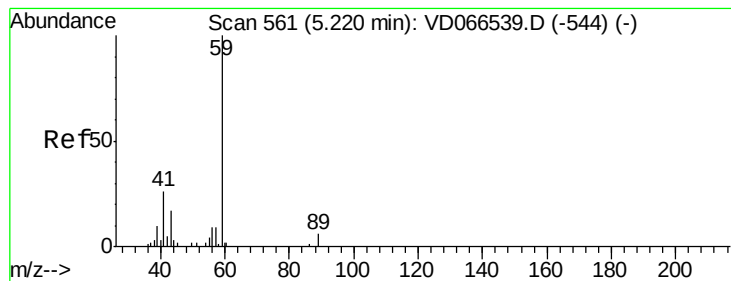


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 189.082 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

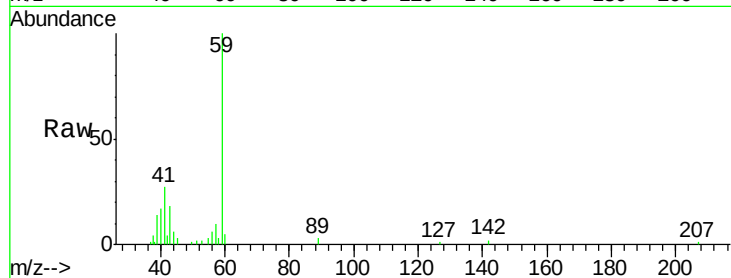
VSTDCCC050

Tgt Ion: 59 Resp: 63305

Ion Ratio Lower Upper

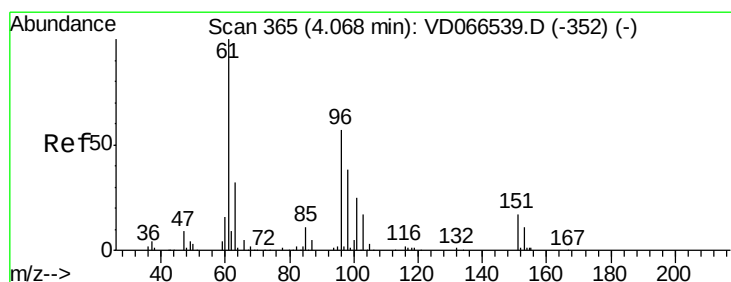
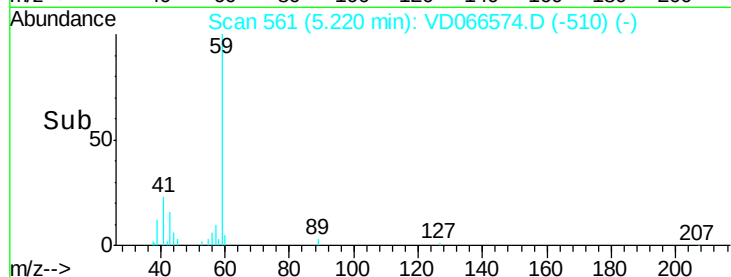
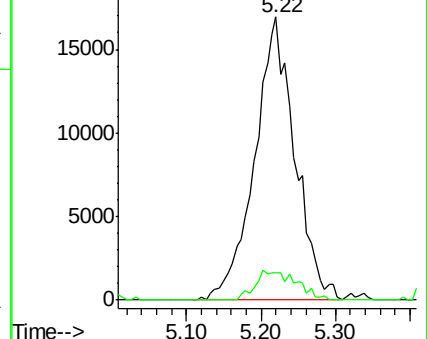
59 100

57 10.6 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 43.083 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

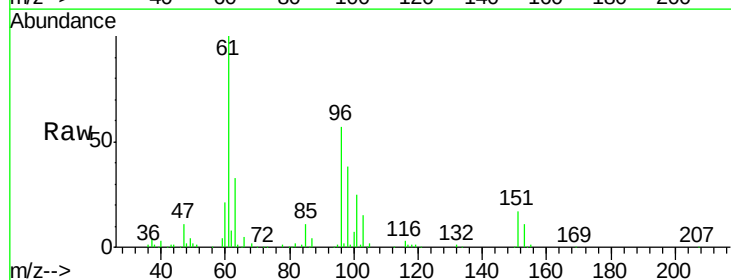
Tgt Ion: 96 Resp: 181415

Ion Ratio Lower Upper

96 100

61 174.8 140.9 211.3

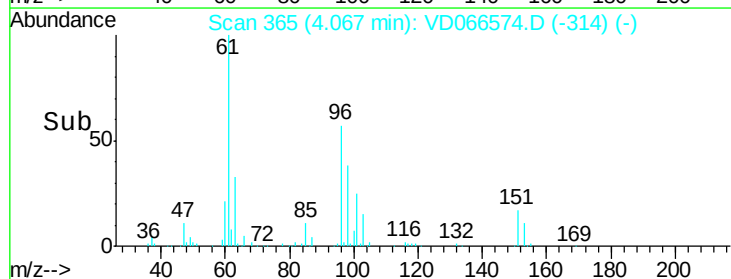
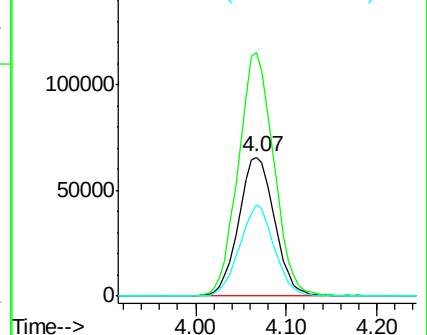
98 65.6 53.2 79.8

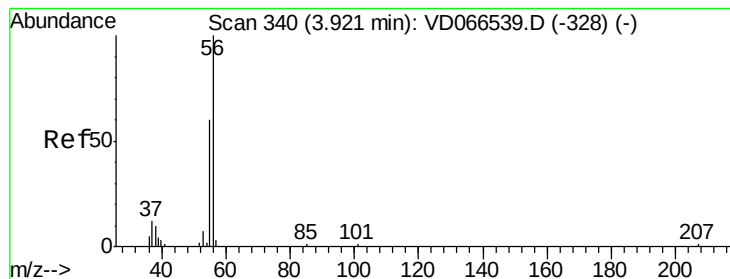


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 345.359 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

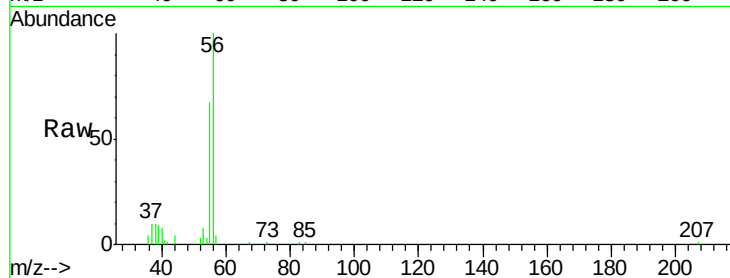
VSTDCCC050

Tgt Ion: 56 Resp: 71407

Ion Ratio Lower Upper

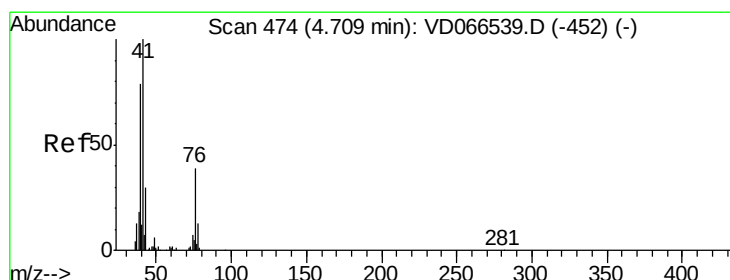
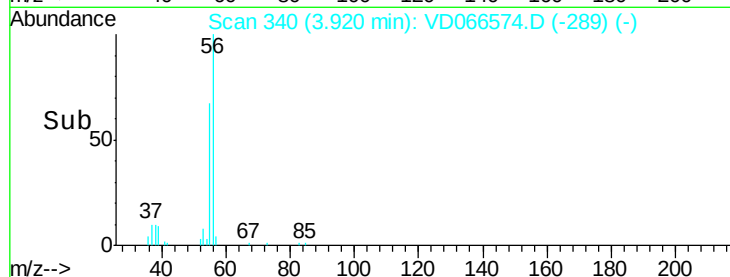
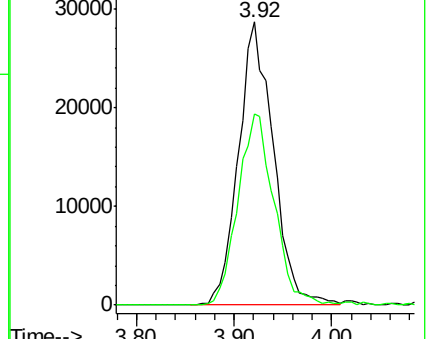
56 100

55 69.9 53.6 80.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 43.118 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

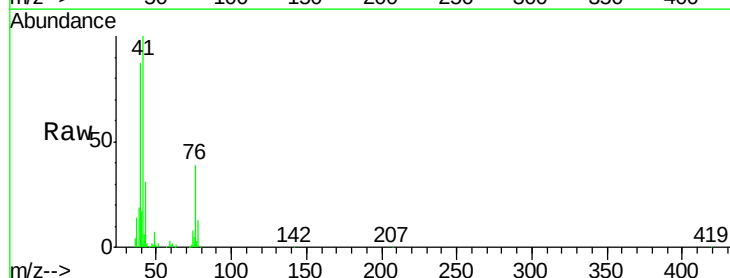
Tgt Ion: 41 Resp: 297561

Ion Ratio Lower Upper

41 100

39 79.7 61.9 92.9

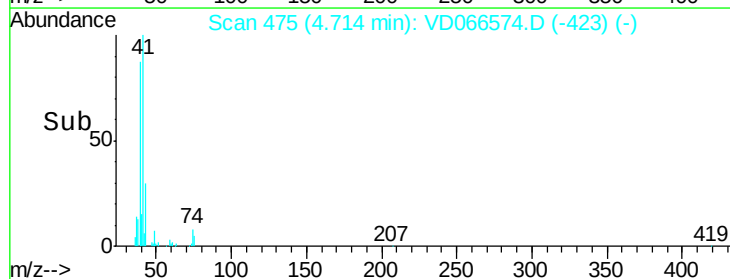
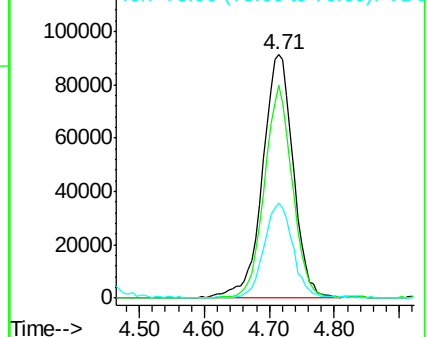
76 36.1 29.0 43.6

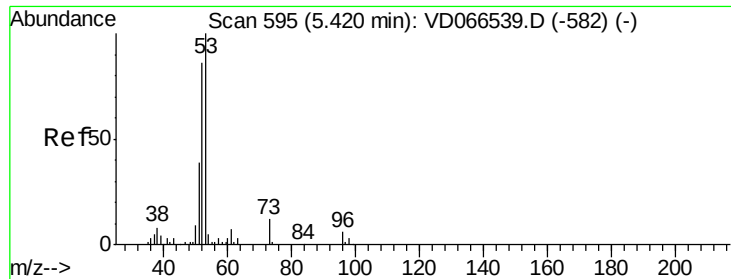


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 216.272 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

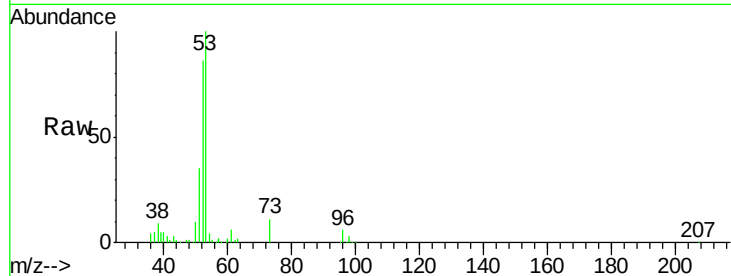
Tgt Ion: 53 Resp: 202602

Ion Ratio Lower Upper

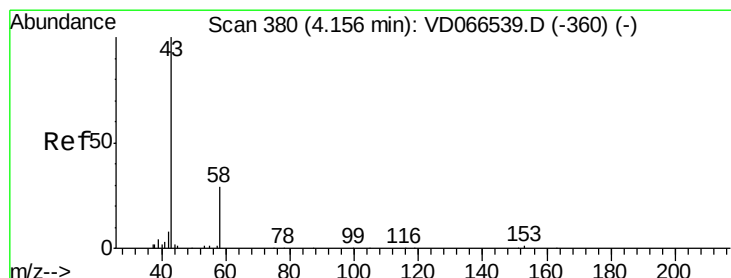
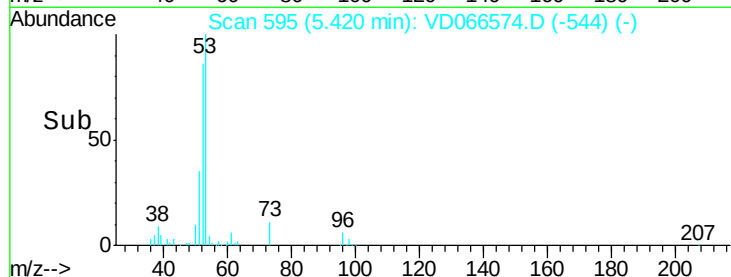
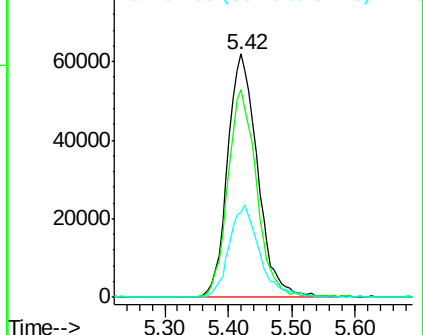
53 100

52 81.7 65.4 98.2

51 38.3 31.2 46.8



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



#16

Acetone

Concen: 284.780 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066574.D

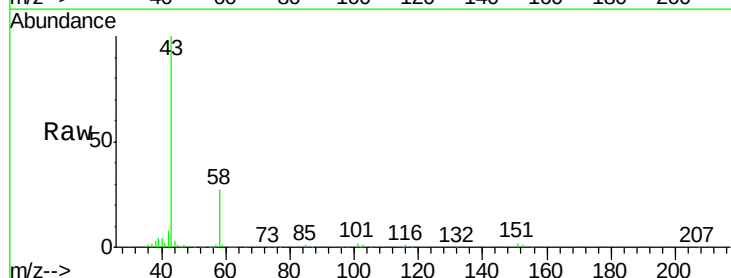
Acq: 09 Sep 2020 11:00

Tgt Ion: 43 Resp: 264966

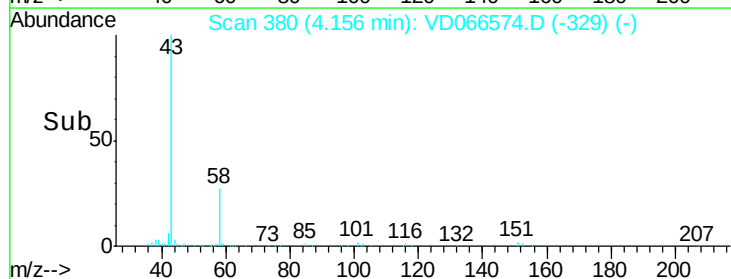
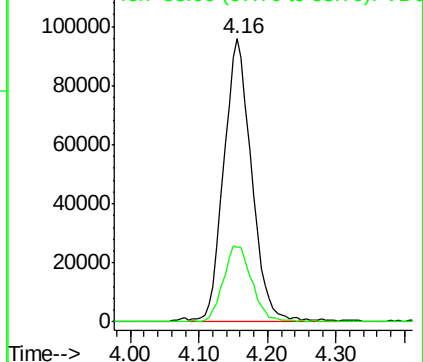
Ion Ratio Lower Upper

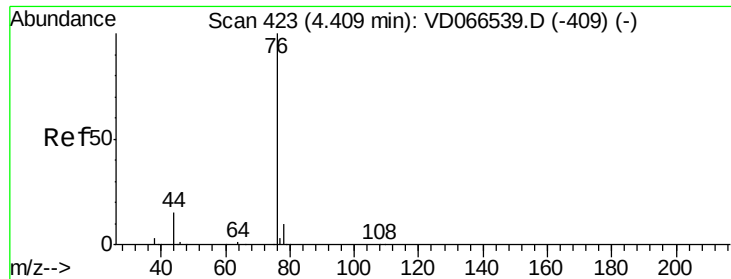
43 100

58 26.7 22.9 34.3



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

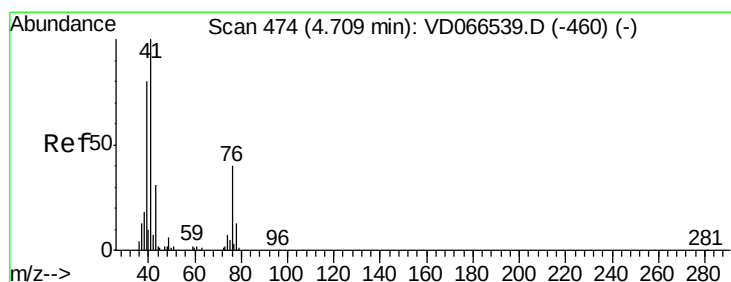
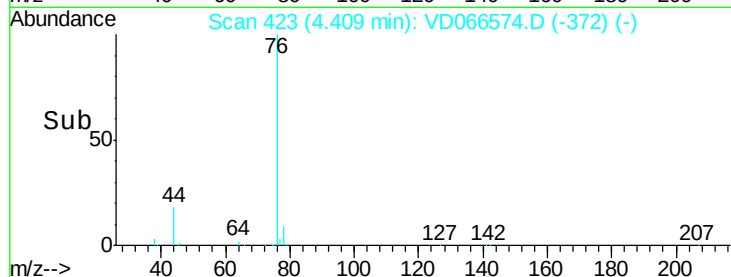
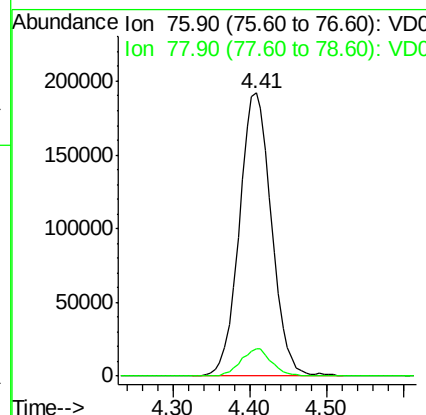
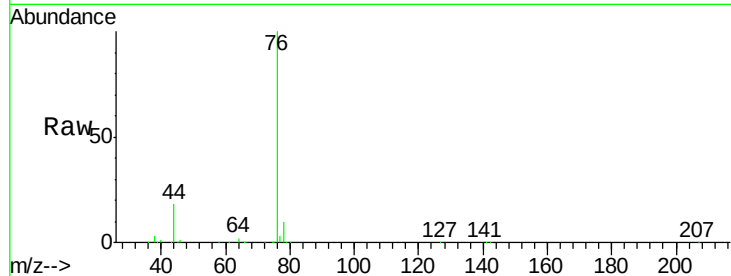




#17
Carbon Disulfide
Concen: 40.486 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

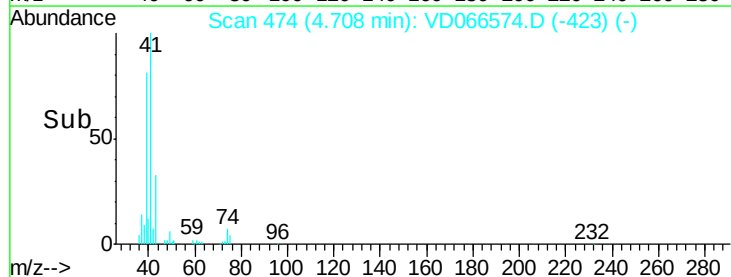
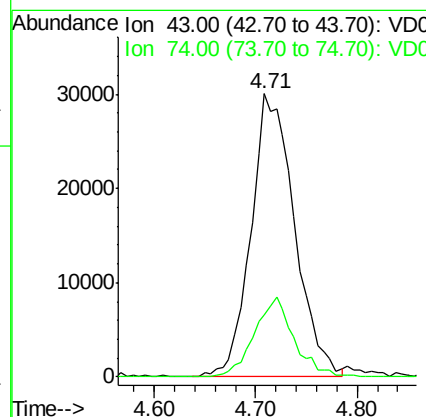
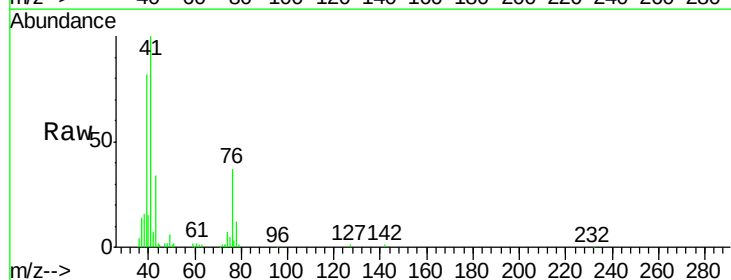
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

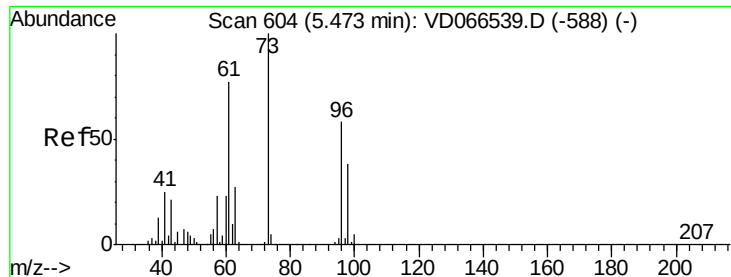
Tgt Ion: 76 Resp: 560432
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 40.609 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 43 Resp: 90068
Ion Ratio Lower Upper
43 100
74 25.5 18.0 27.0

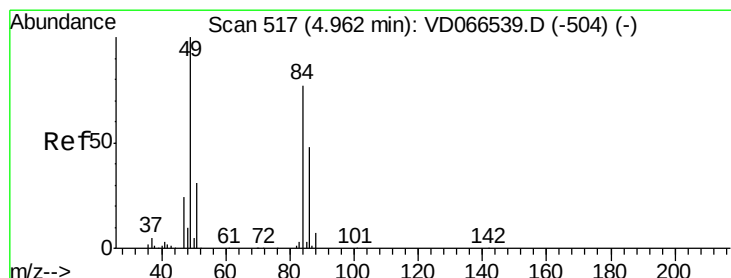
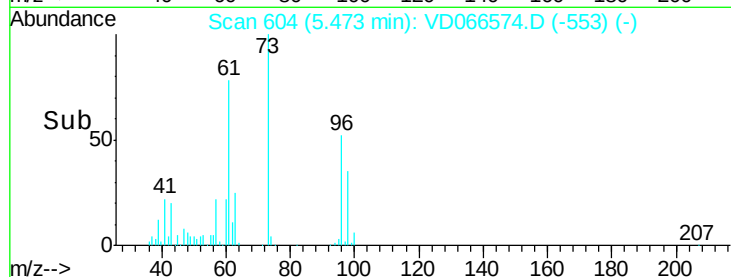
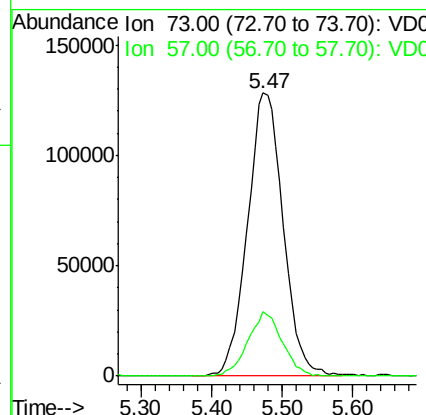
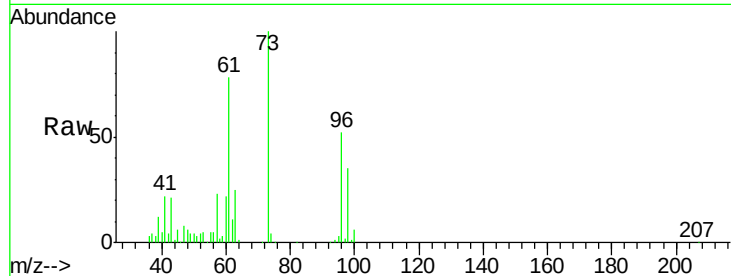




#19
Methyl tert-butyl Ether
Concen: 45.750 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

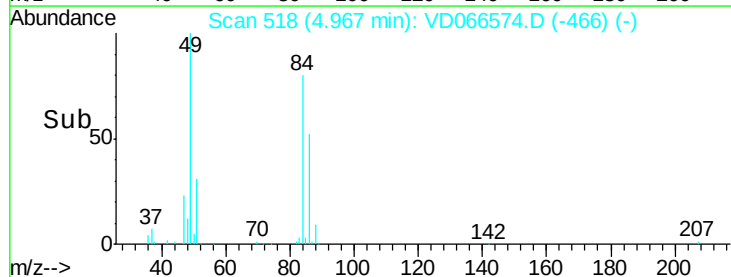
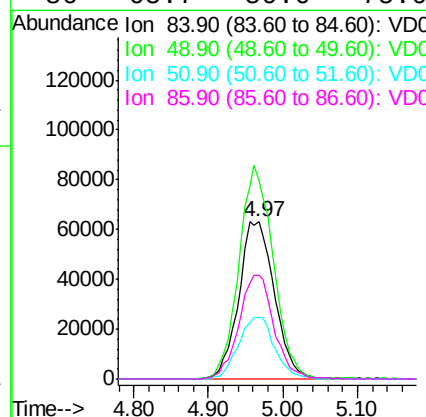
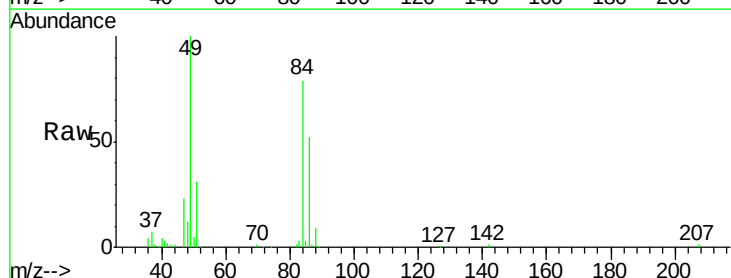
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

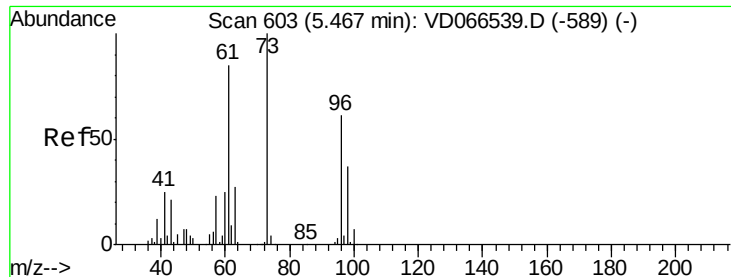
Tgt Ion: 73 Resp: 451762
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 40.119 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 84 Resp: 210059
Ion Ratio Lower Upper
84 100
49 126.5 104.3 156.5
51 39.4 32.2 48.4
86 65.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 42.480 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

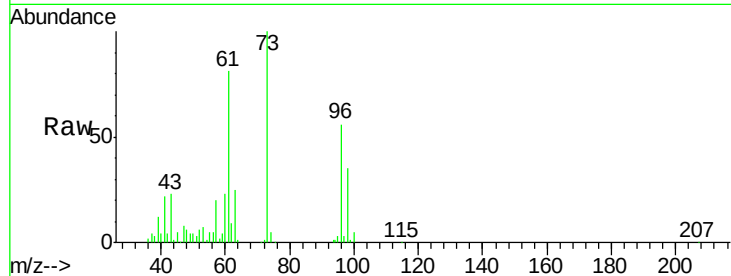
Tgt Ion: 96 Resp: 212412

Ion Ratio Lower Upper

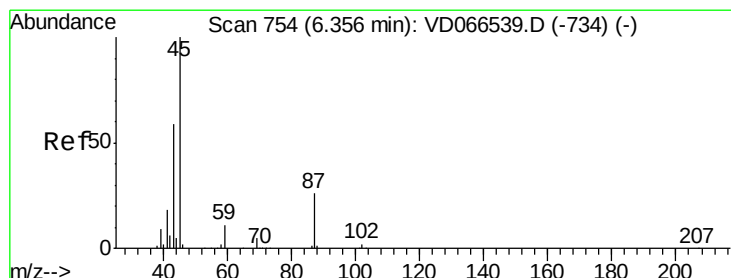
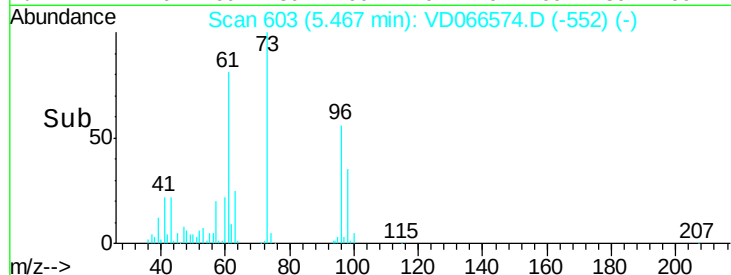
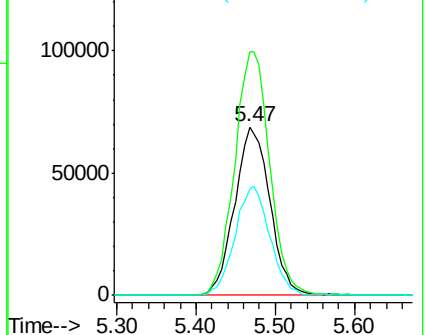
96 100

61 144.7 112.1 168.1

98 63.2 48.6 72.8



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



#22

Diisopropyl ether

Concen: 43.601 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Tgt Ion: 45 Resp: 618754

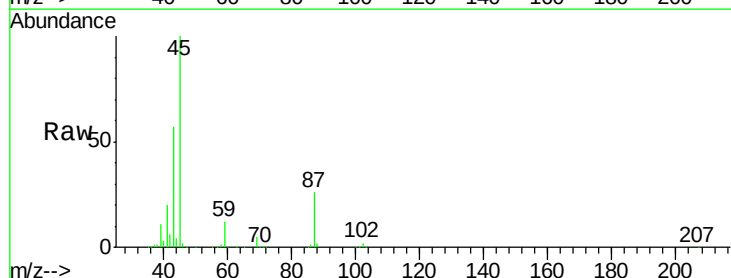
Ion Ratio Lower Upper

45 100

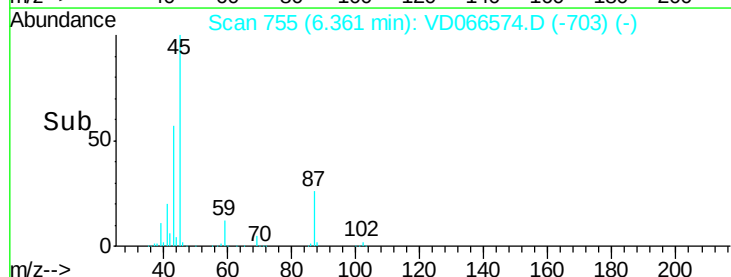
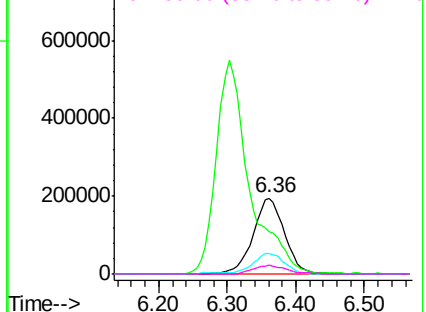
43 55.7 47.0 70.4

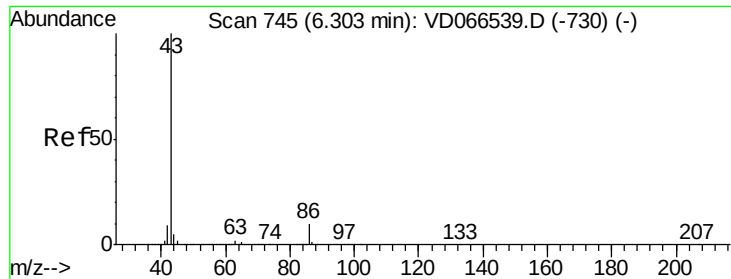
87 26.1 21.3 31.9

59 11.5 8.7 13.1



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: 228.327 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

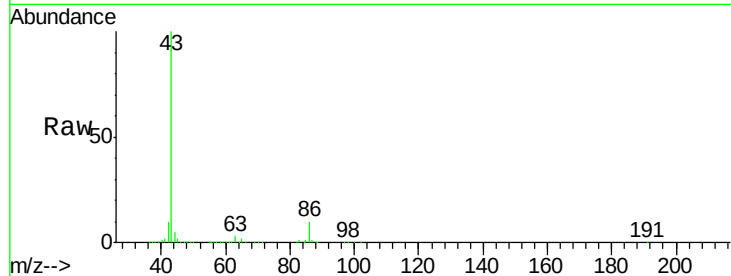
VSTDCCC050

Tgt Ion: 43 Resp: 1843939

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

600000

500000

400000

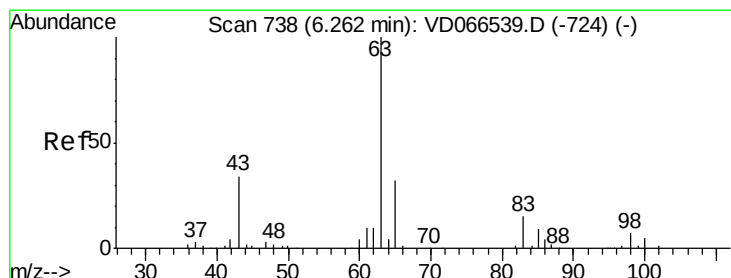
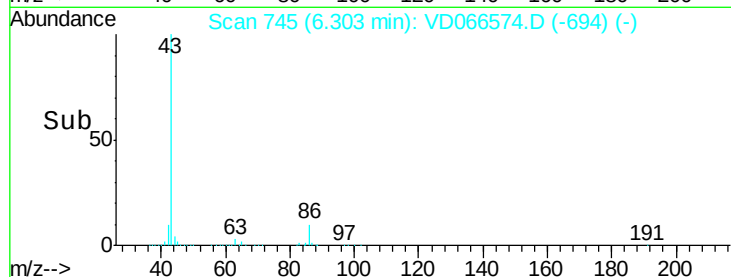
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 42.407 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

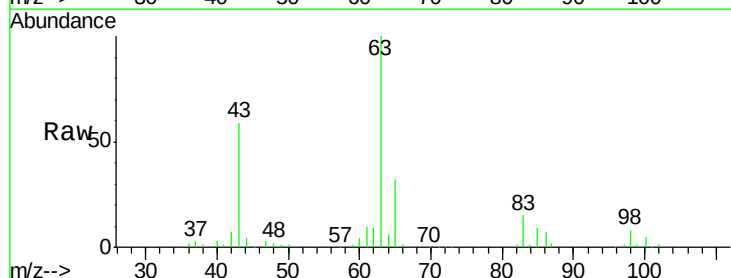
Tgt Ion: 63 Resp: 378454

Ion Ratio Lower Upper

63 100

98 7.9 3.4 10.1

100 4.8 2.5 7.4



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

6.27

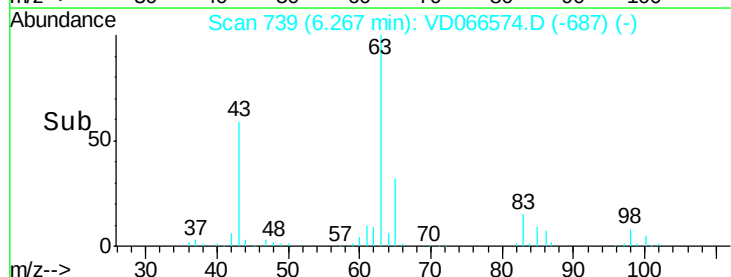
150000

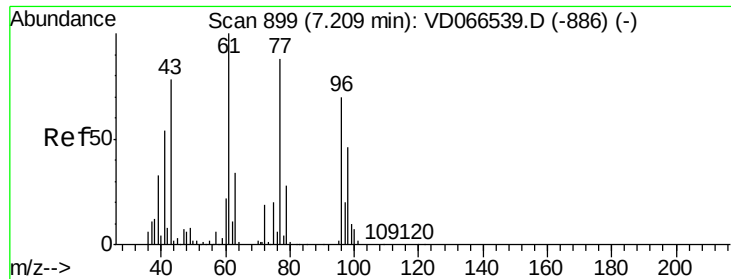
100000

50000

0

Time-->





#25

2-Butanone

Concen: 229.412 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

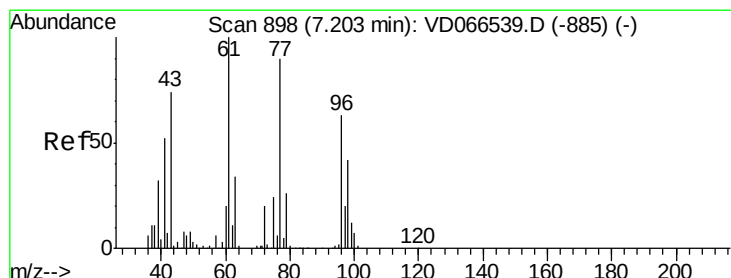
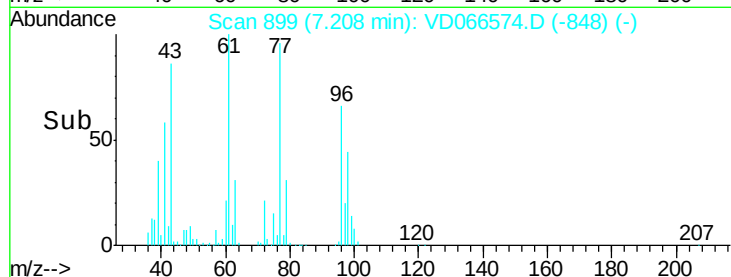
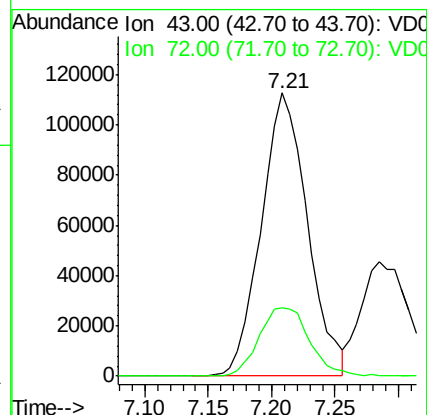
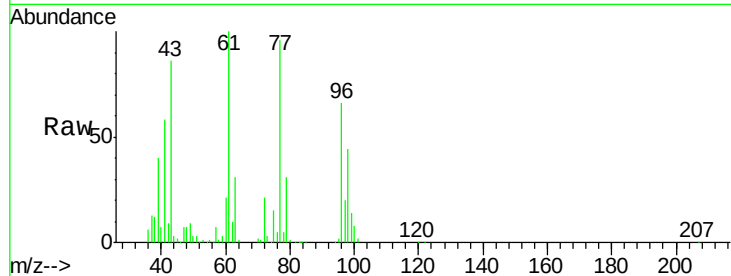
VSTDCCC050

Tgt Ion: 43 Resp: 286533

Ion Ratio Lower Upper

43 100

72 24.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 44.881 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066574.D

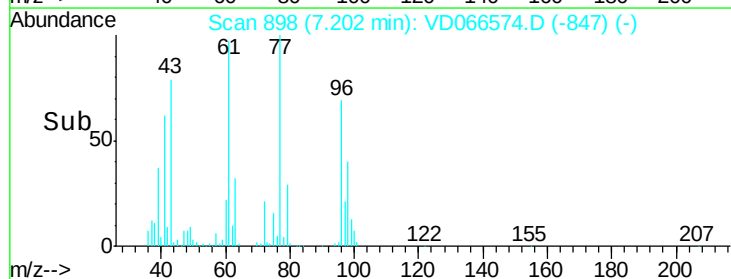
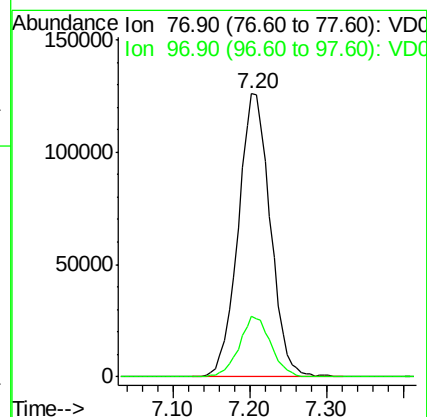
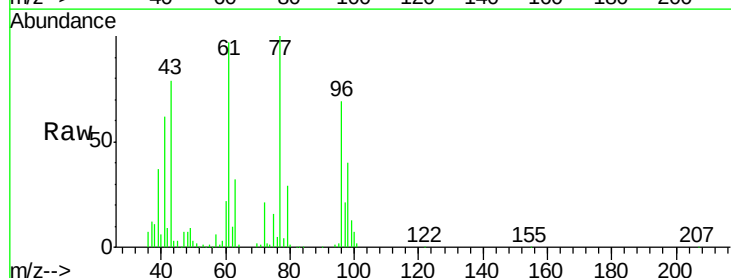
Acq: 09 Sep 2020 11:00

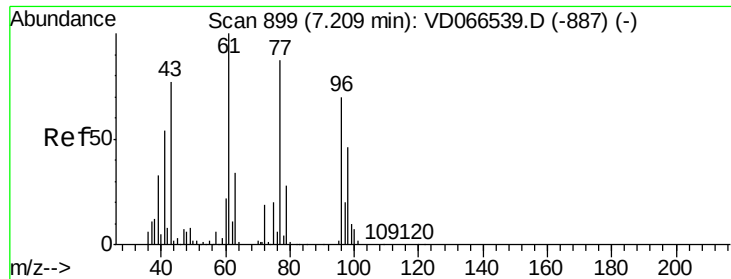
Tgt Ion: 77 Resp: 367402

Ion Ratio Lower Upper

77 100

97 20.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 43.072 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

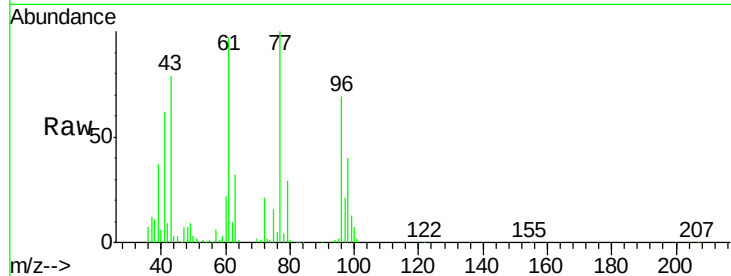
Tgt Ion: 96 Resp: 231606

Ion Ratio Lower Upper

96 100

61 155.1 0.0 301.0

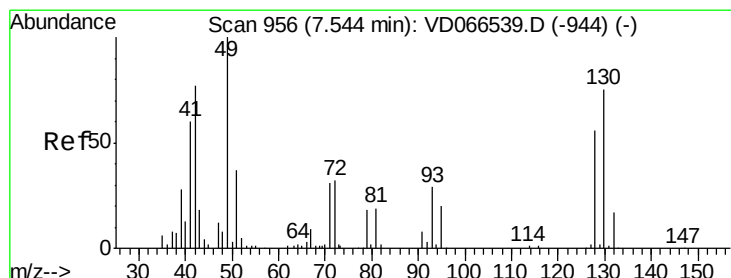
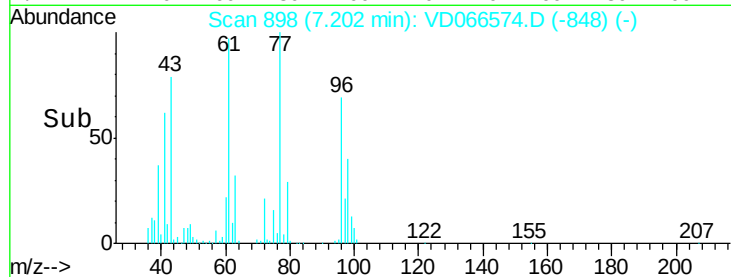
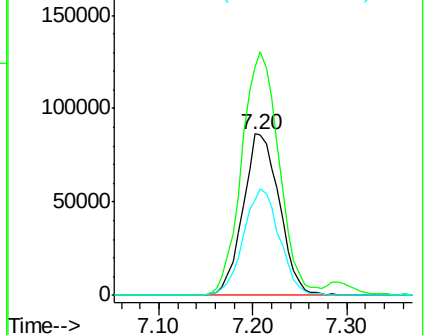
98 65.5 0.0 129.8



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: 48.342 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

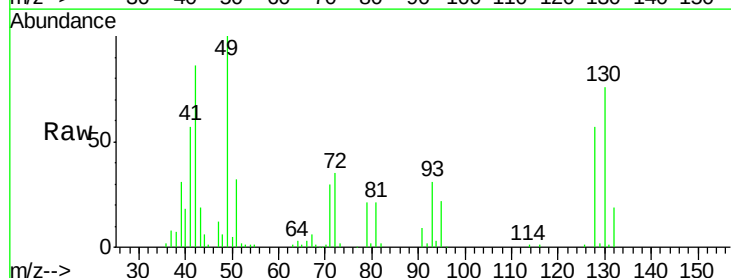
Tgt Ion: 49 Resp: 166093

Ion Ratio Lower Upper

49 100

129 1.4 0.0 2.6

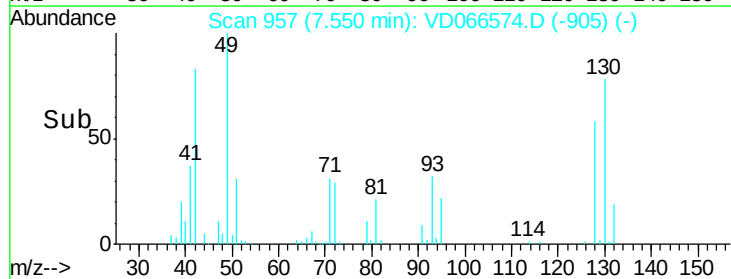
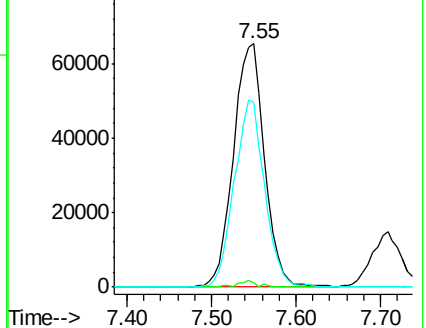
130 75.0 58.2 87.2

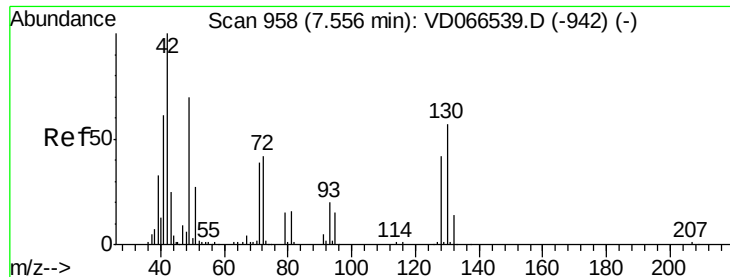


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

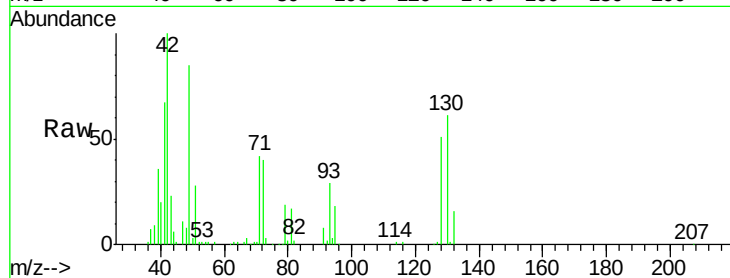




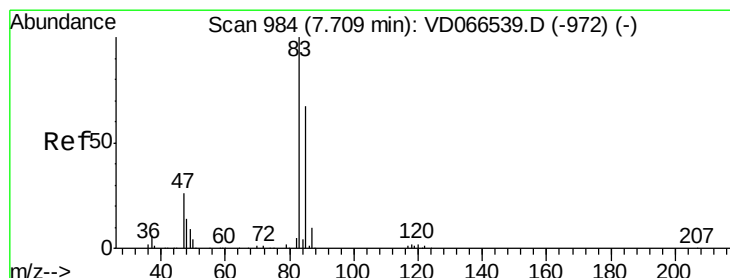
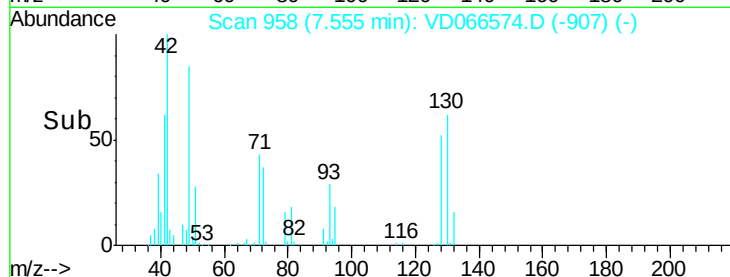
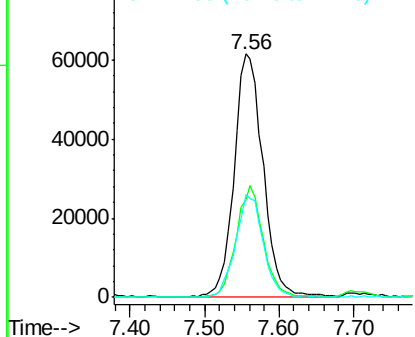
#29
Tetrahydrofuran
Concen: 213.919 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 166399
Ion Ratio Lower Upper
42 100
72 42.3 33.4 50.0
71 39.8 31.9 47.9

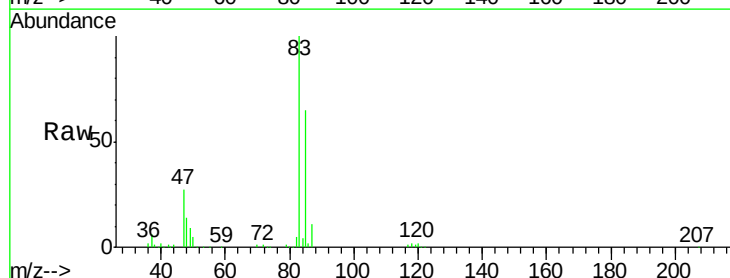


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

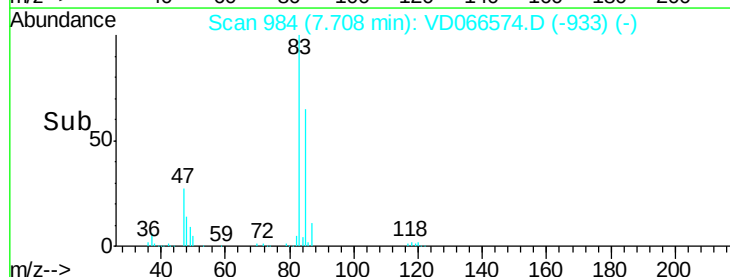
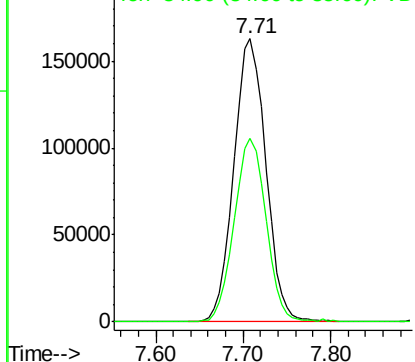


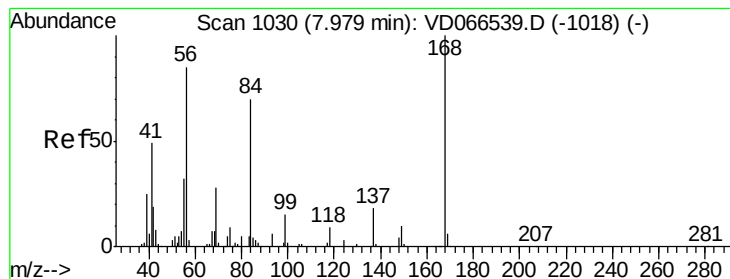
#30
Chloroform
Concen: 42.739 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 83 Resp: 403511
Ion Ratio Lower Upper
83 100
85 65.1 53.6 80.4



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





#31

Cyclohexane

Concen: 40.472 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

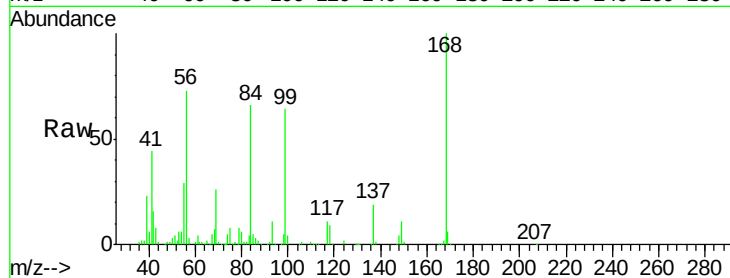
Tgt Ion: 56 Resp: 333872

Ion Ratio Lower Upper

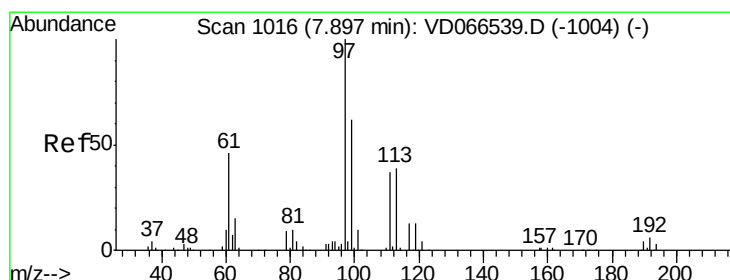
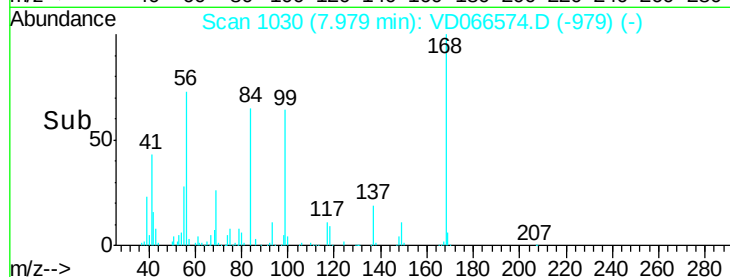
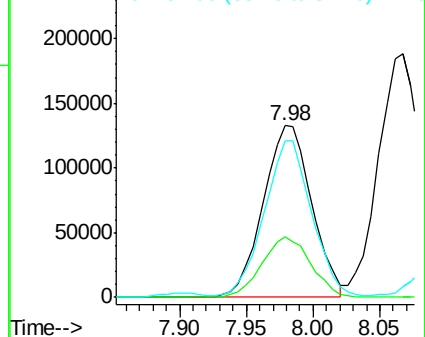
56 100

69 35.2 26.3 39.5

84 88.6 66.1 99.1



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: 42.690 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

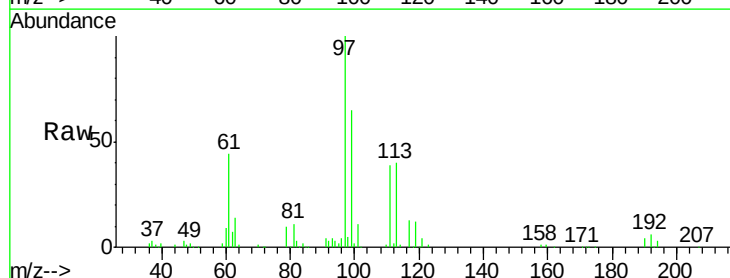
Tgt Ion: 97 Resp: 378948

Ion Ratio Lower Upper

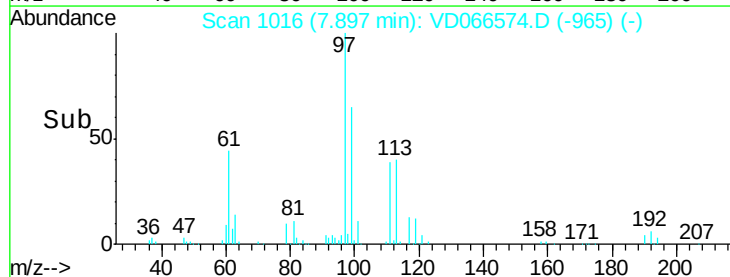
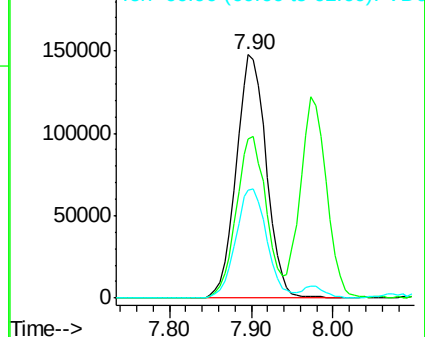
97 100

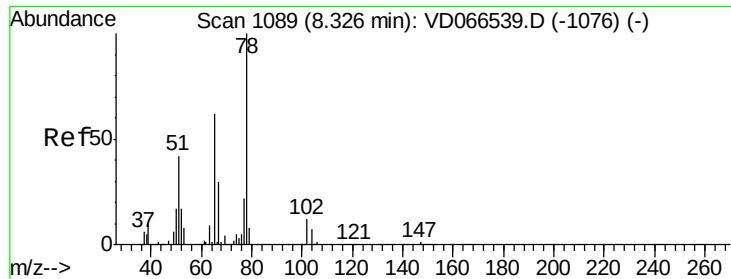
99 66.0 51.4 77.0

61 46.3 37.4 56.0



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

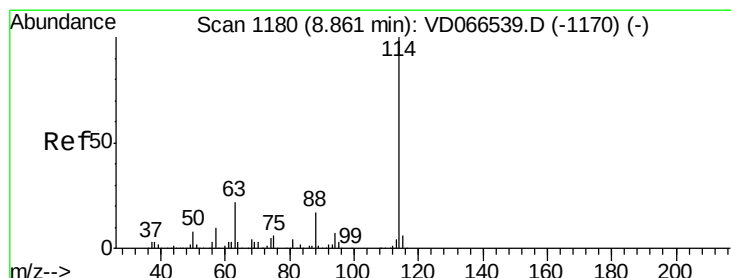
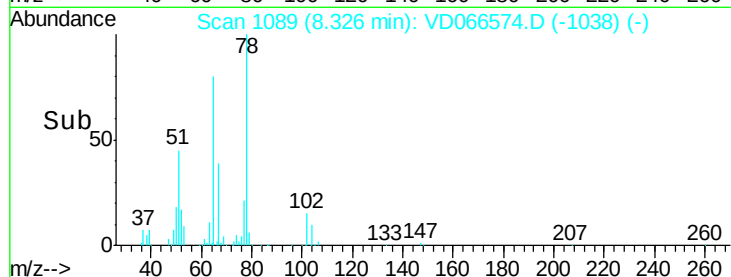
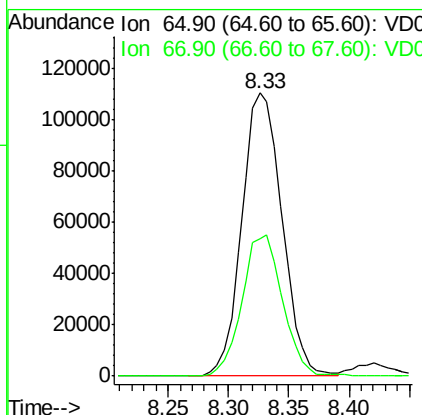
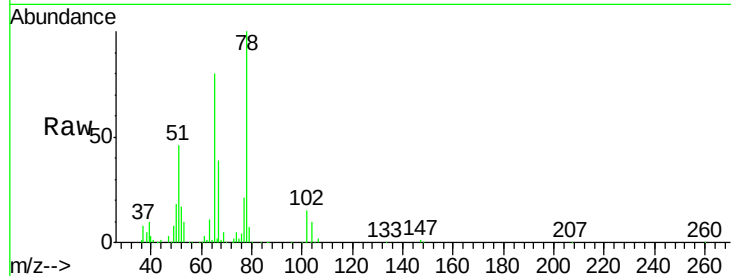




#33
 1,2-Dichloroethane-d4
 Concen: 50.529 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

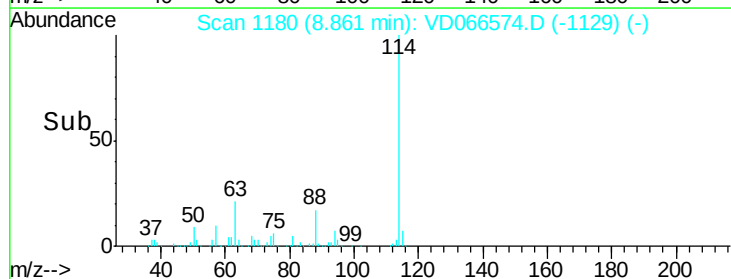
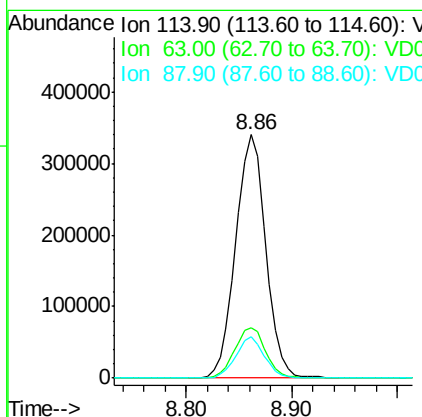
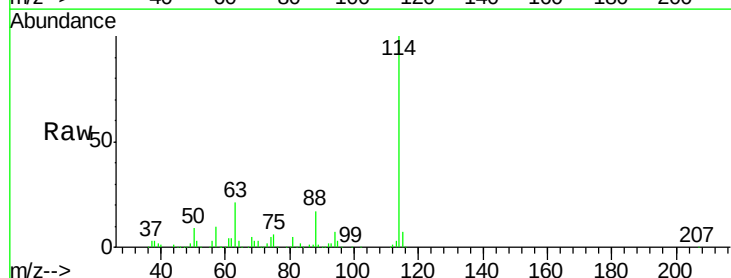
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

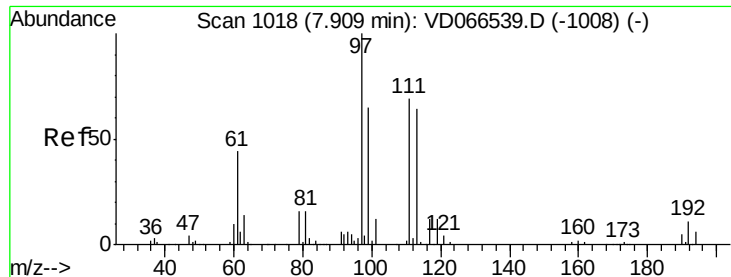
Tgt Ion: 65 Resp: 255513
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 114 Resp: 670647
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 16.9 0.0 33.2

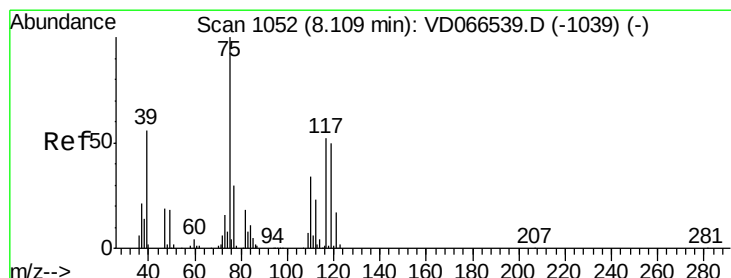
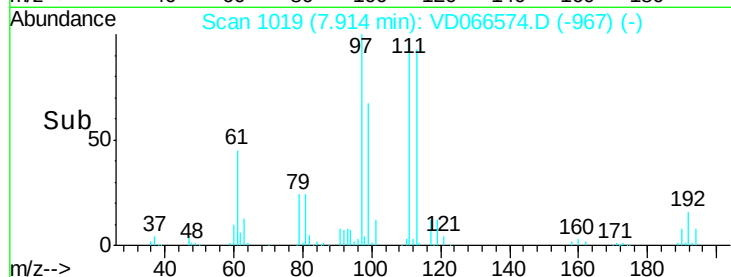
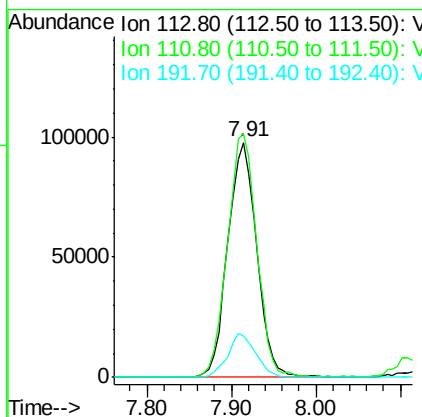
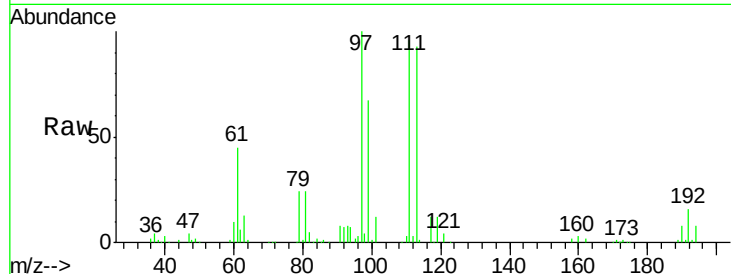




#35
 Dibromofluoromethane
 Concen: 51.145 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

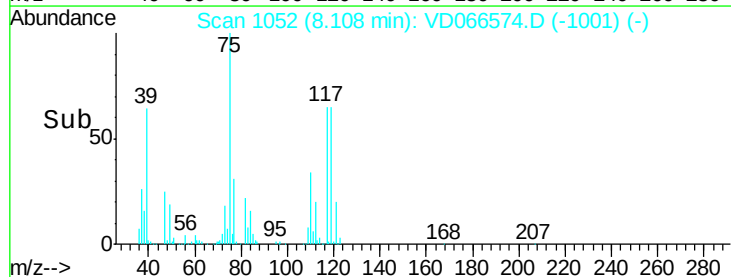
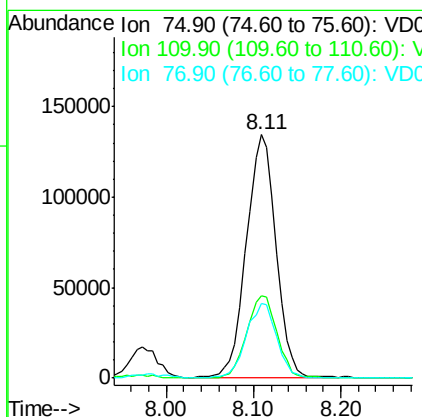
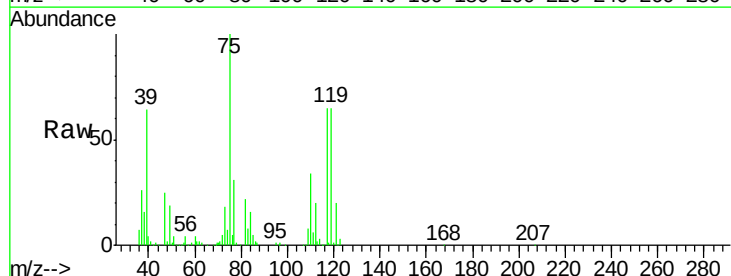
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

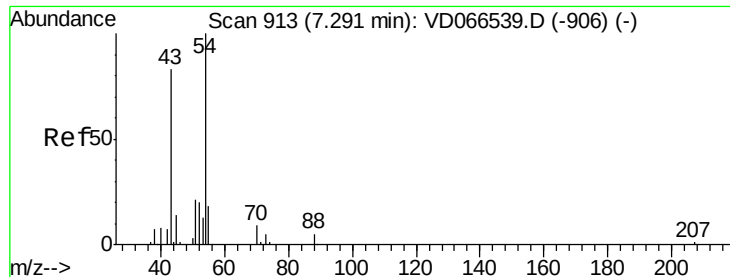
Tgt Ion: 113 Resp: 231393
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.2 124.8
 192 18.0 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 44.127 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 75 Resp: 307978
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.3 52.0
 77 31.8 25.1 37.7

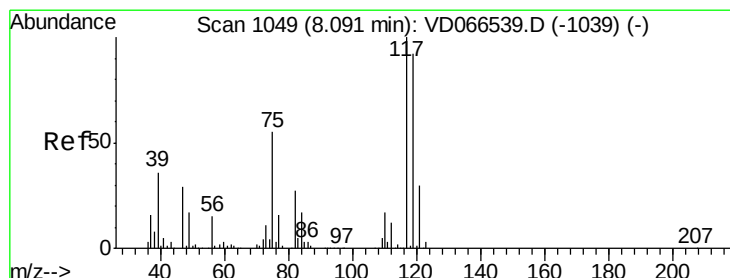
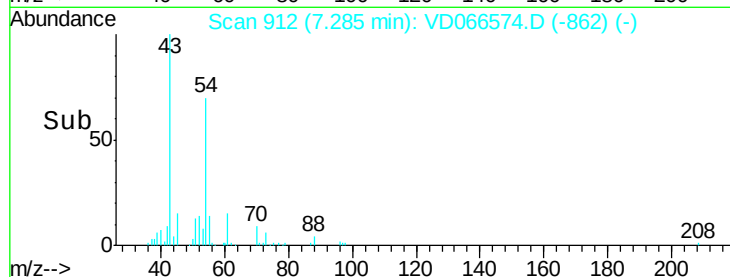
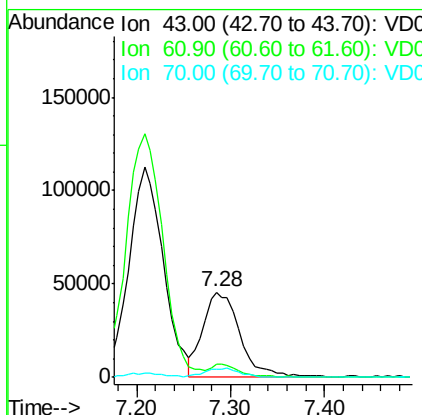
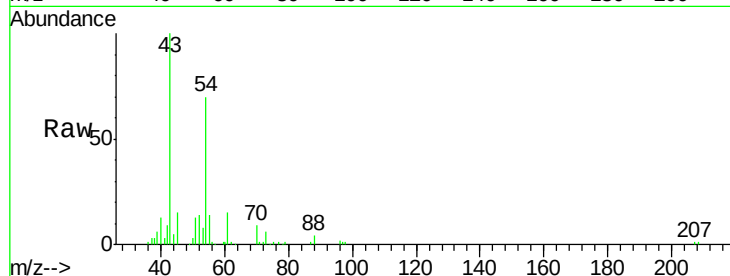




#37
Ethyl Acetate
Concen: 44.609 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

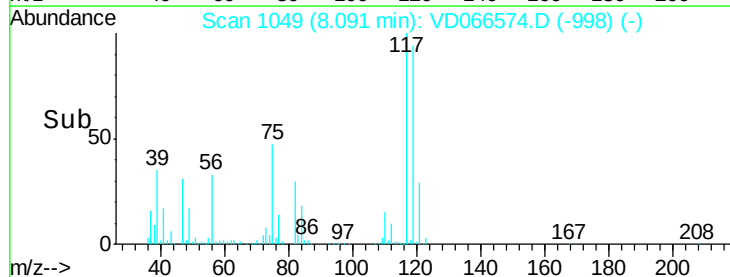
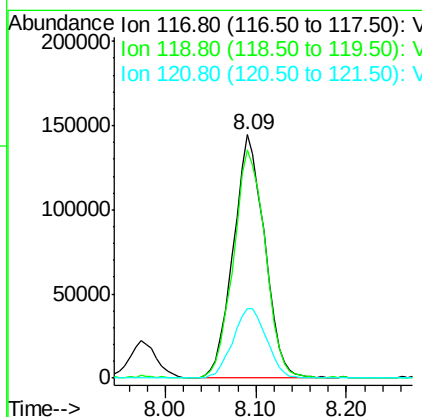
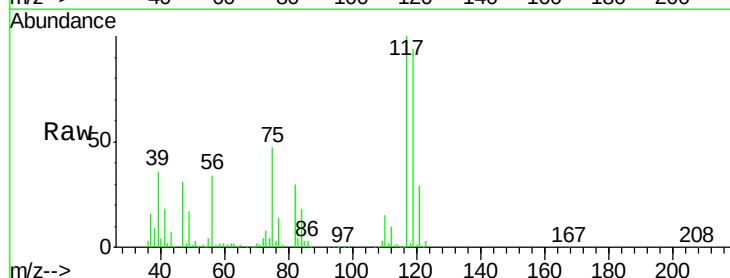
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

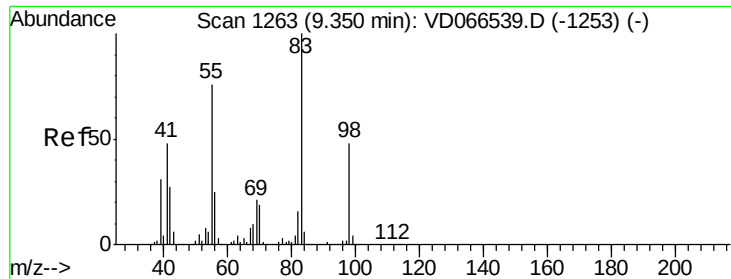
Tgt Ion: 43 Resp: 123977
Ion Ratio Lower Upper
43 100
61 11.0 11.8 17.8#
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 46.805 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 117 Resp: 345284
Ion Ratio Lower Upper
117 100
119 93.9 73.9 110.9
121 28.7 24.1 36.1

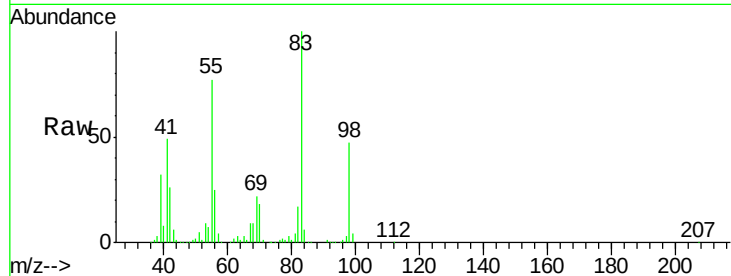




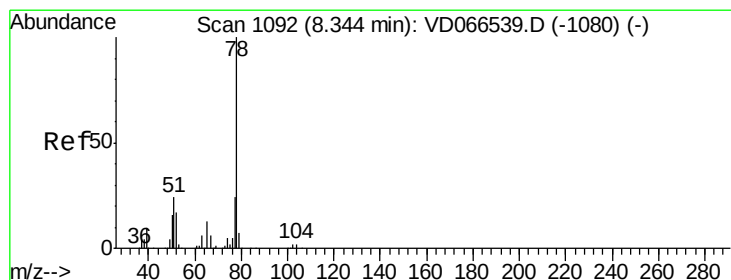
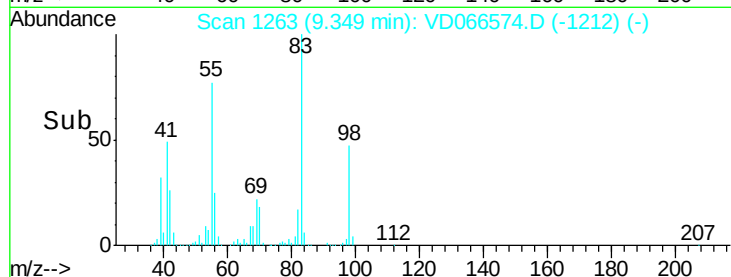
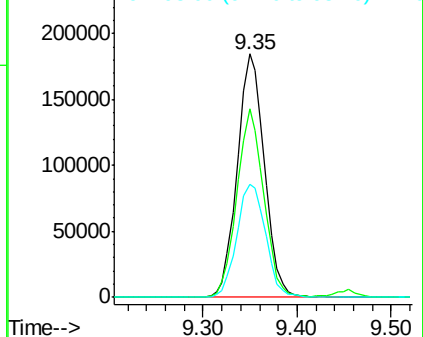
#39
Methylcyclohexane
Concen: 47.485 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 370079
Ion Ratio Lower Upper
83 100
55 77.4 60.8 91.2
98 46.6 38.6 58.0

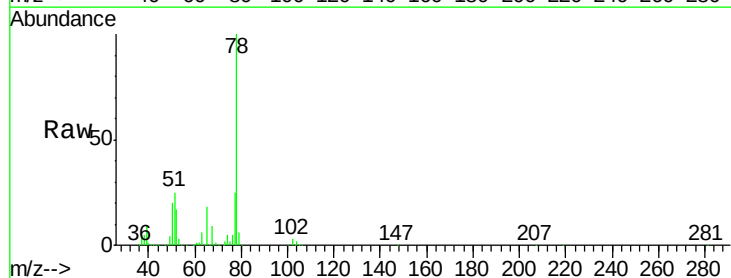


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

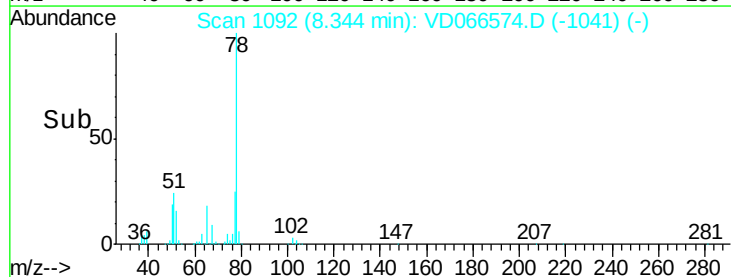
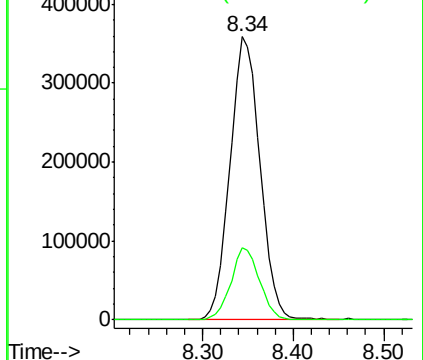


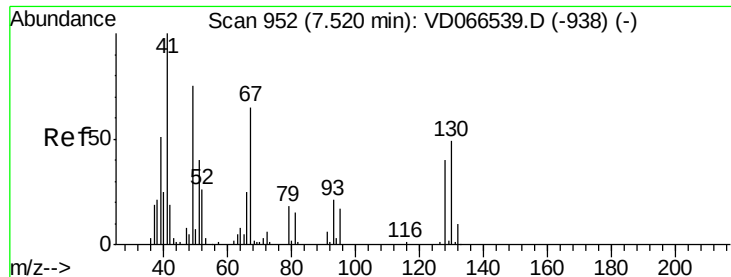
#40
Benzene
Concen: 43.292 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 78 Resp: 827536
Ion Ratio Lower Upper
78 100
77 25.3 19.1 28.7



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

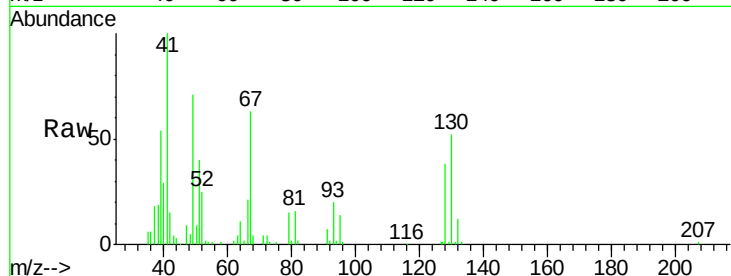




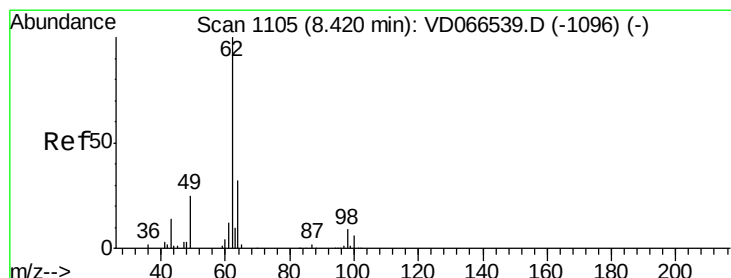
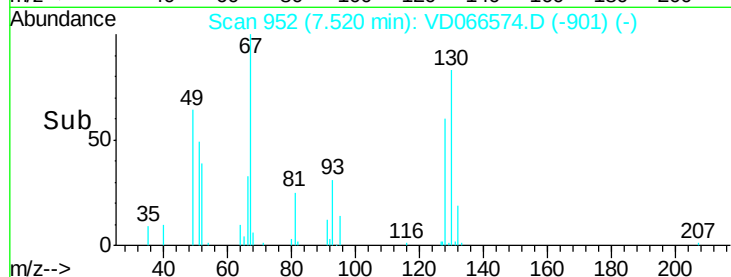
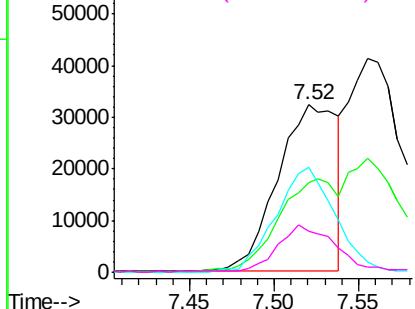
#41
Methacrylonitrile
Concen: 58.646 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	78896
Ion	Ratio	Lower	Upper
41	100		
39	55.2	53.6	80.4
67	63.3	59.2	88.8
52	28.6	26.8	40.2

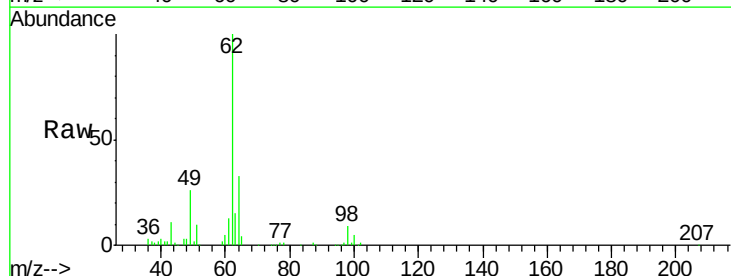


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

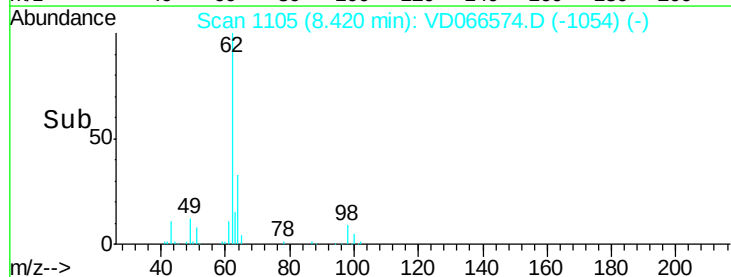
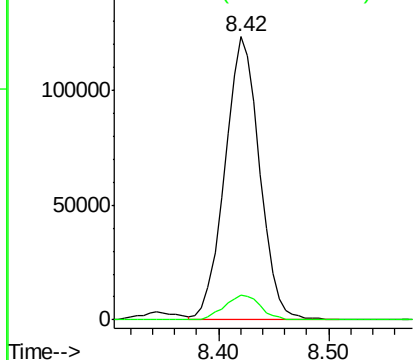


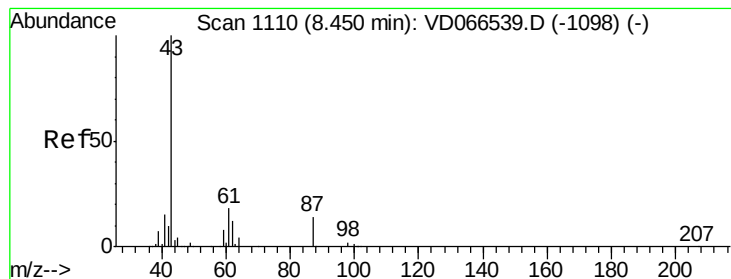
#42
1,2-Dichloroethane
Concen: 43.705 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion:	62	Resp:	270679
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 44.618 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

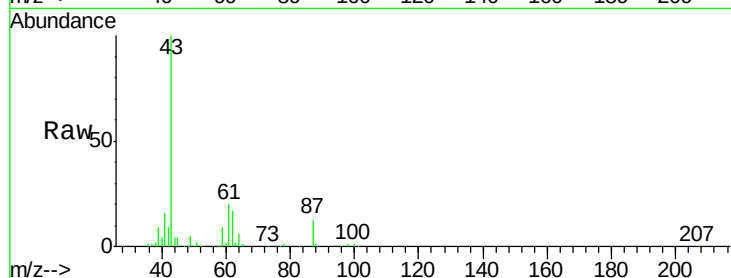
Tgt Ion: 43 Resp: 237635

Ion Ratio Lower Upper

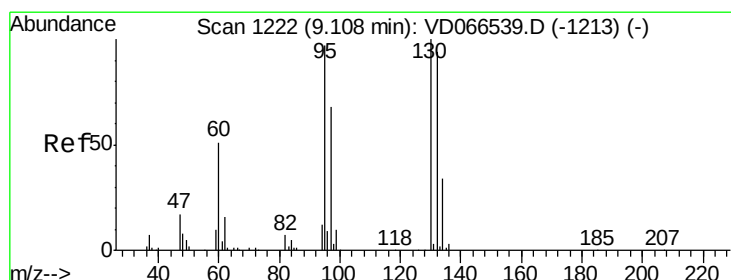
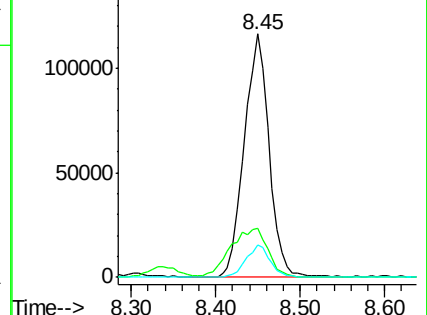
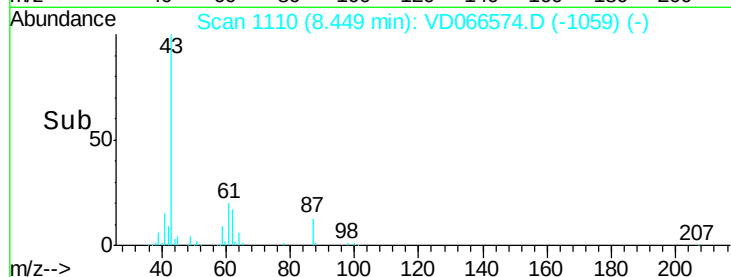
43 100

61 29.6 23.8 35.8

87 12.9 10.7 16.1



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: 44.871 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066574.D

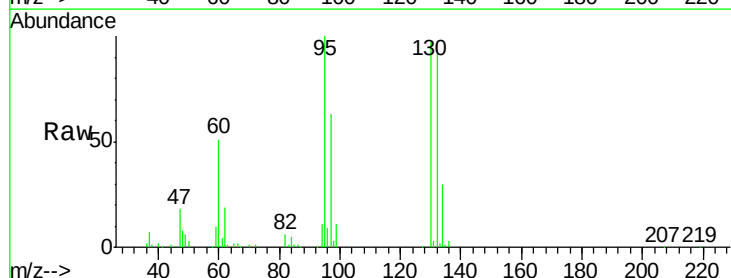
Acq: 09 Sep 2020 11:00

Tgt Ion: 130 Resp: 224984

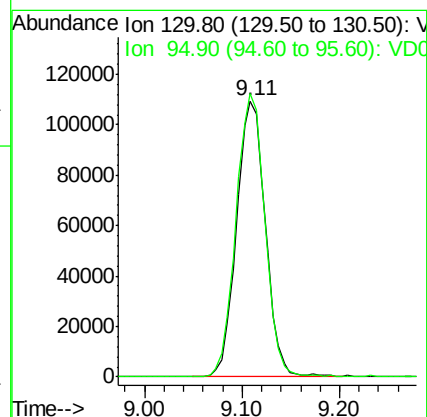
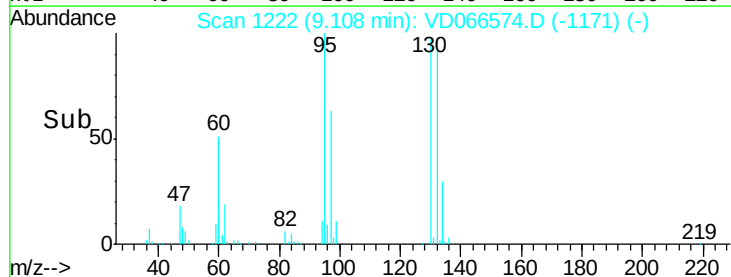
Ion Ratio Lower Upper

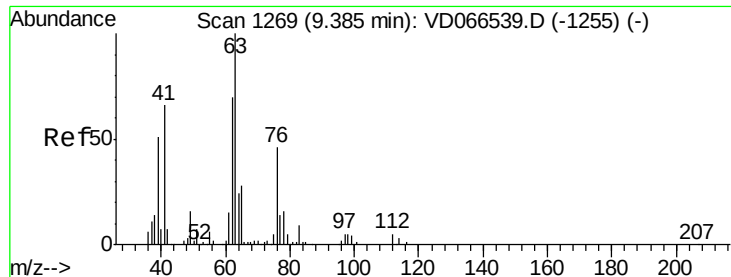
130 100

95 102.7 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

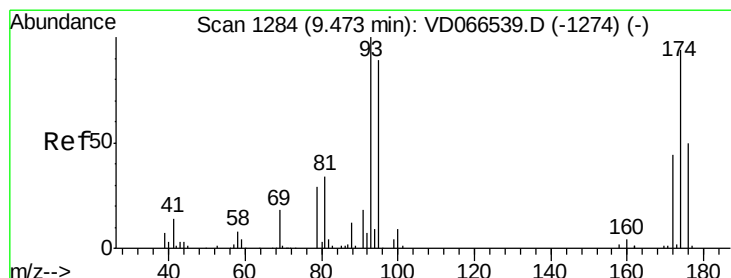
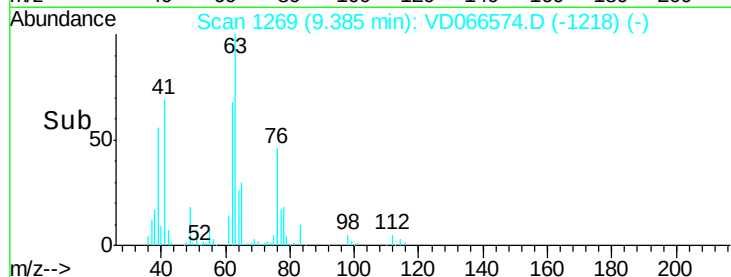
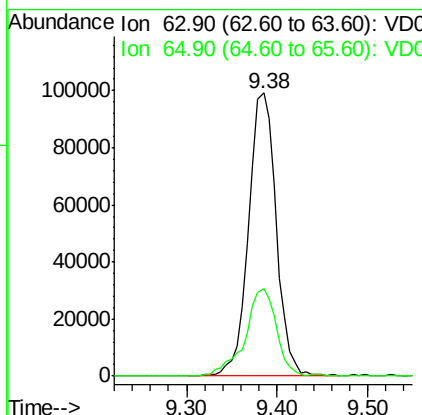
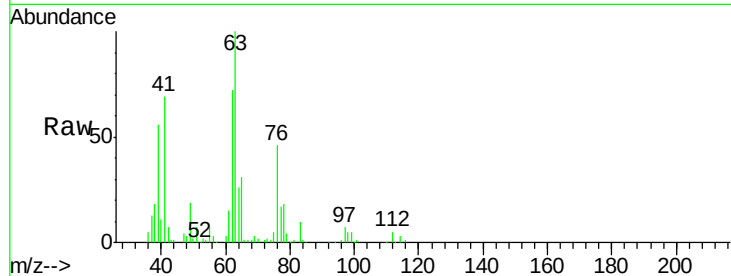




#45
 1,2-Dichloropropane
 Concen: 43.670 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

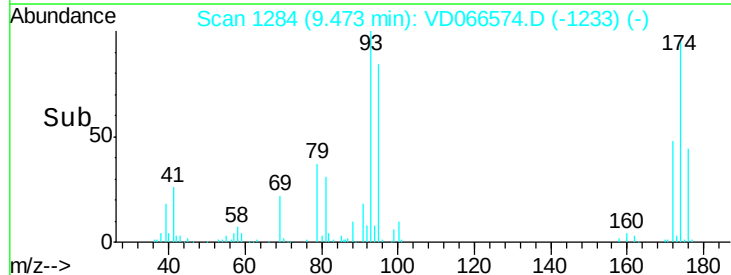
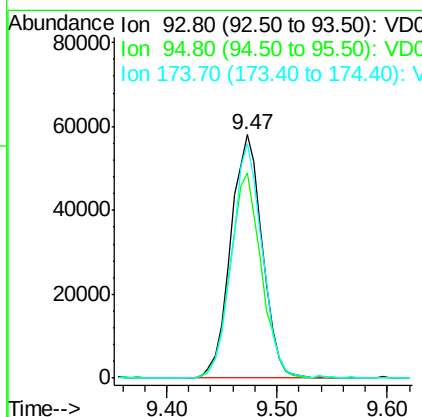
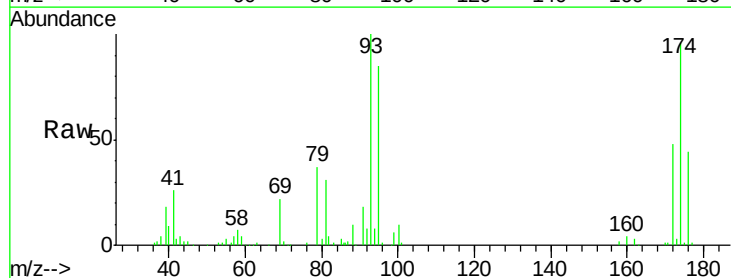
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

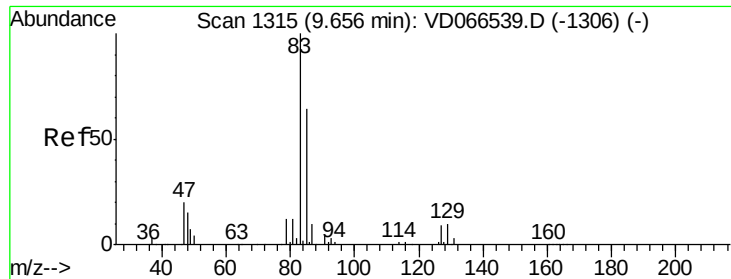
Tgt Ion: 63 Resp: 209926
 Ion Ratio Lower Upper
 63 100
 65 30.9 22.6 34.0



#46
 Dibromomethane
 Concen: 43.990 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 93 Resp: 116666
 Ion Ratio Lower Upper
 93 100
 95 83.0 68.7 103.1
 174 92.4 70.0 105.0





#47

Bromodichloromethane

Concen: 43.998 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

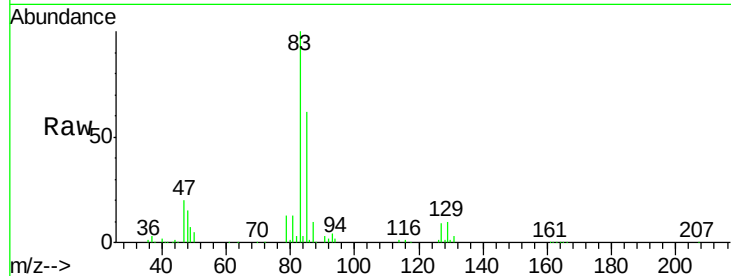
Tgt Ion: 83 Resp: 315699

Ion Ratio Lower Upper

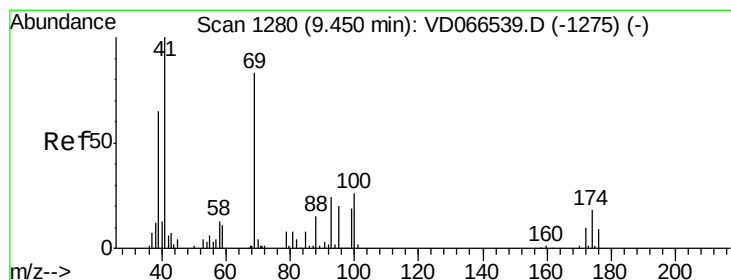
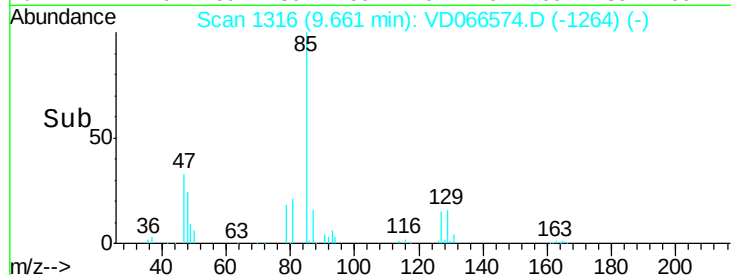
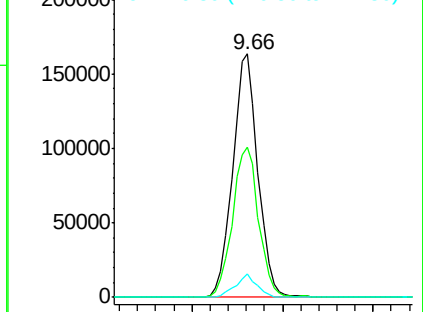
83 100

85 61.5 51.1 76.7

127 9.5 6.9 10.3



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: 47.856 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

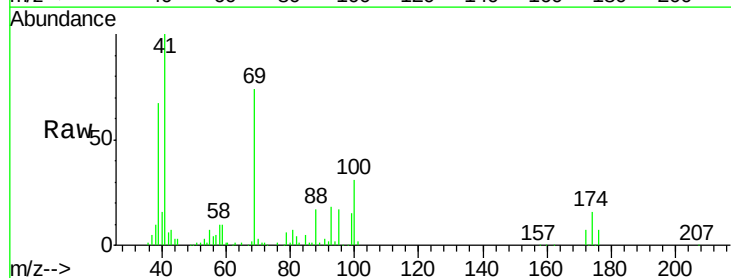
Tgt Ion: 41 Resp: 128881

Ion Ratio Lower Upper

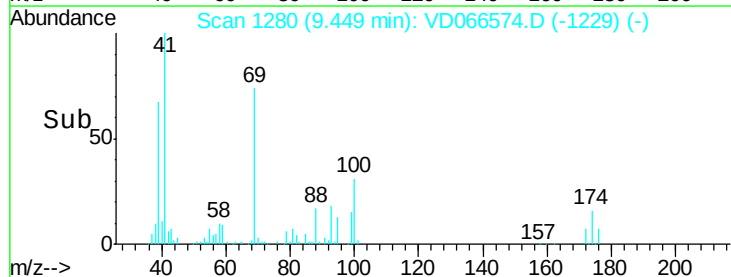
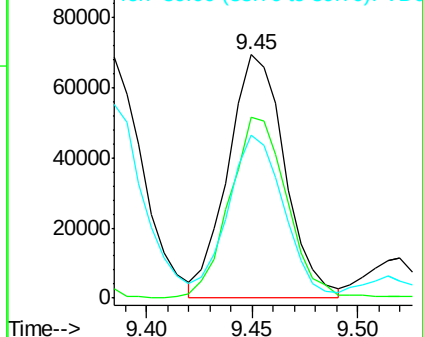
41 100

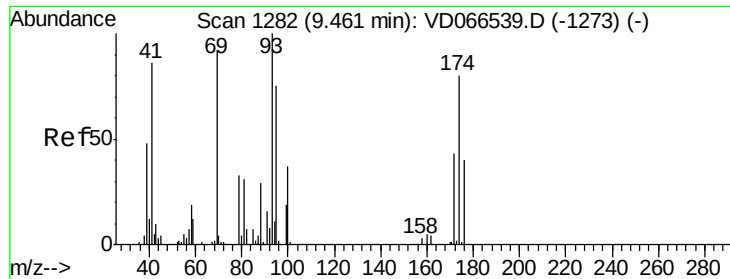
69 75.2 64.5 96.7

39 61.0 46.6 69.8



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

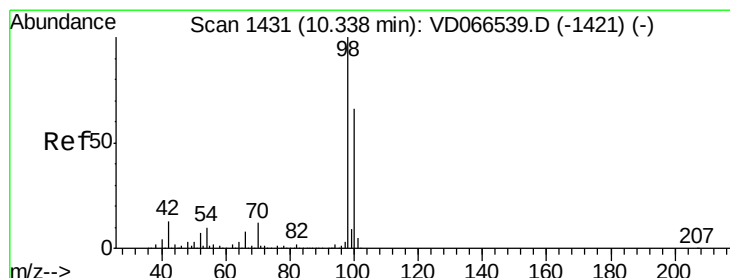
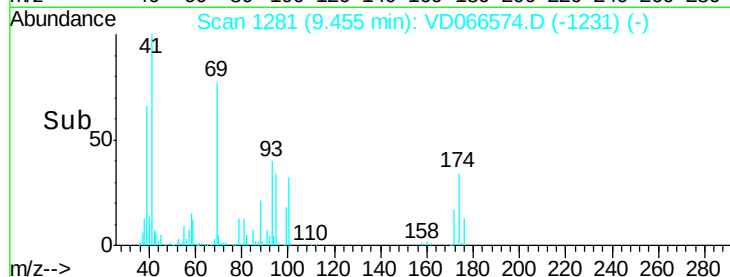
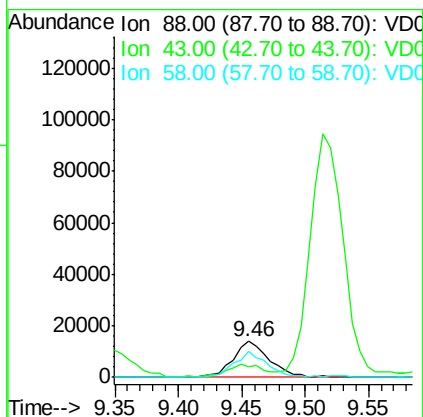
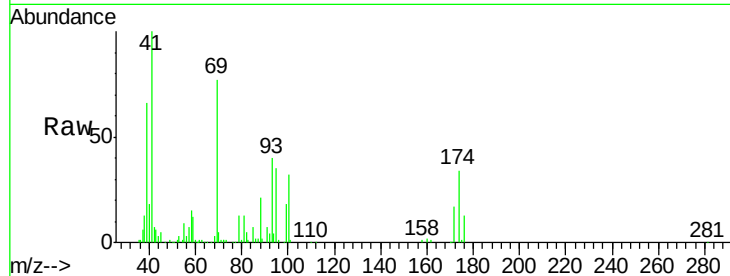




#49
1,4-Dioxane
Concen: 945.807 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

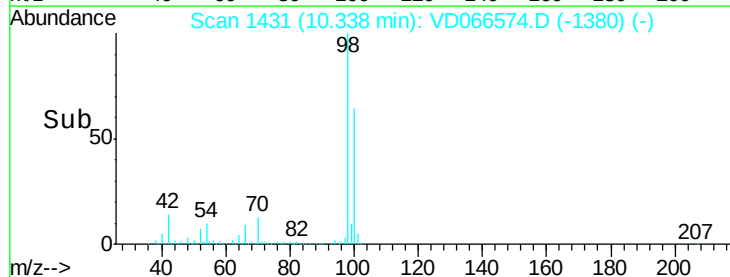
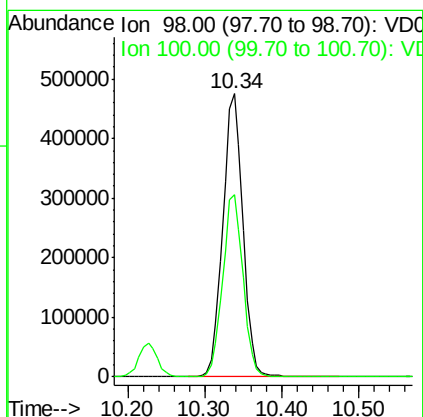
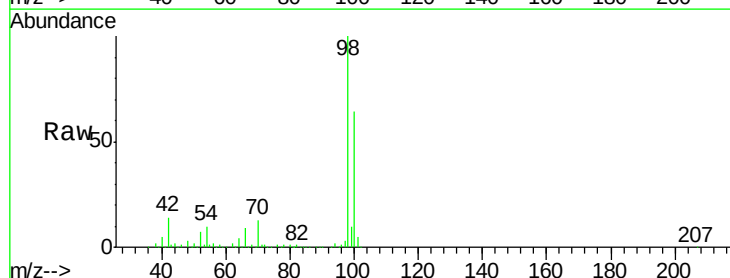
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

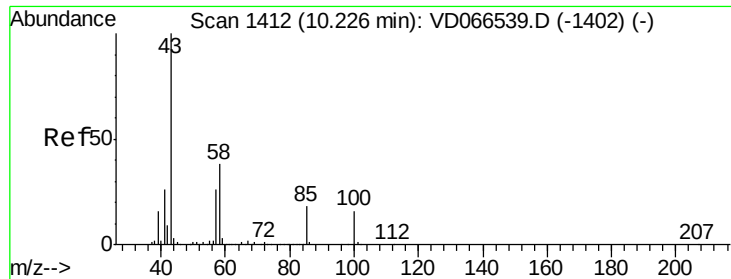
Tgt Ion: 88 Resp: 27519
Ion Ratio Lower Upper
88 100
43 34.8 28.3 42.5
58 66.3 56.1 84.1



#50
Toluene-d8
Concen: 53.362 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 98 Resp: 862882
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

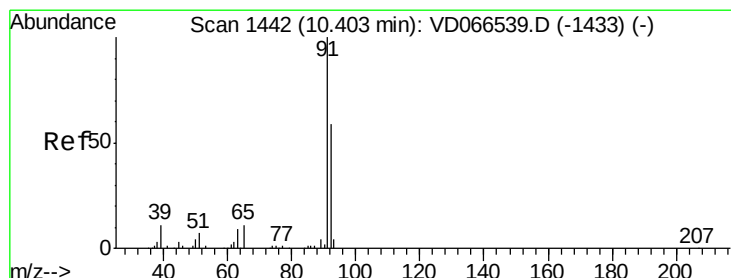
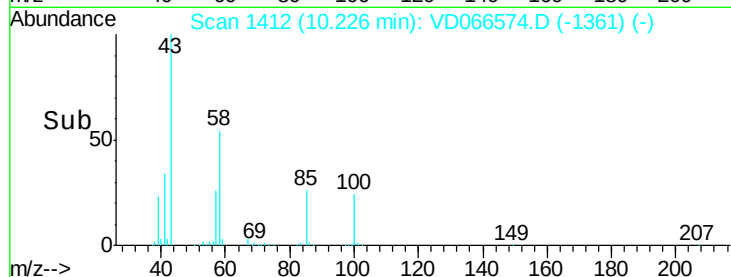
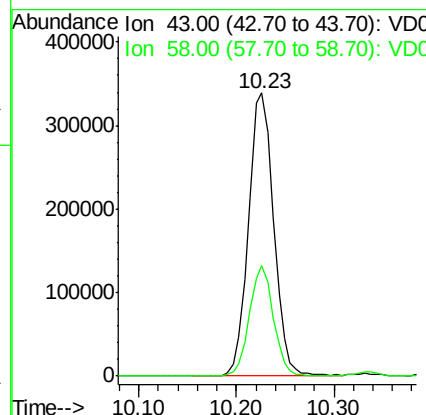
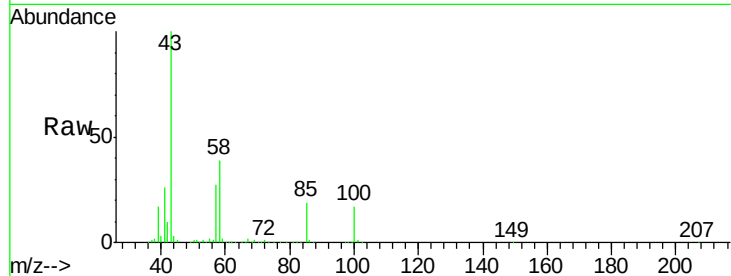




#51
 4-Methyl-2-Pentanone
 Concen: 227.078 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

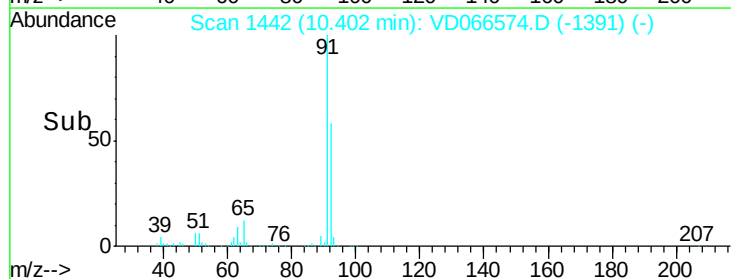
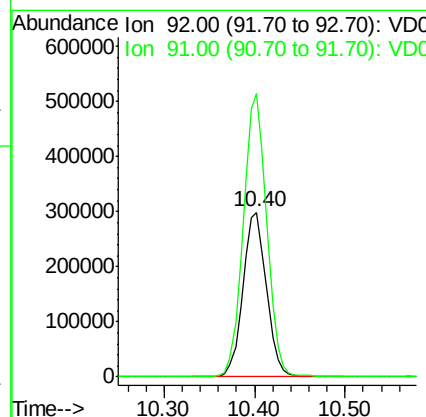
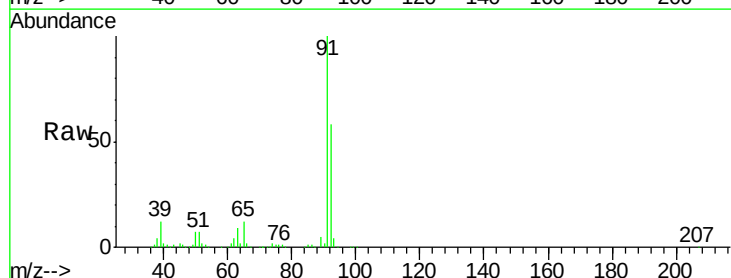
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

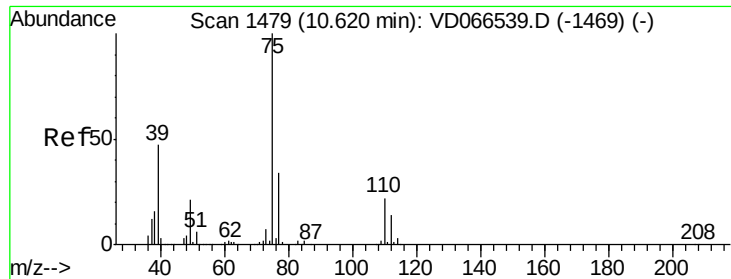
Tgt Ion: 43 Resp: 609940
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.5 45.7



#52
 Toluene
 Concen: 44.599 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 92 Resp: 539646
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.4 206.2

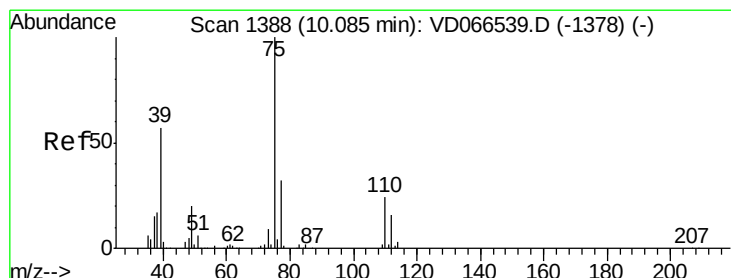
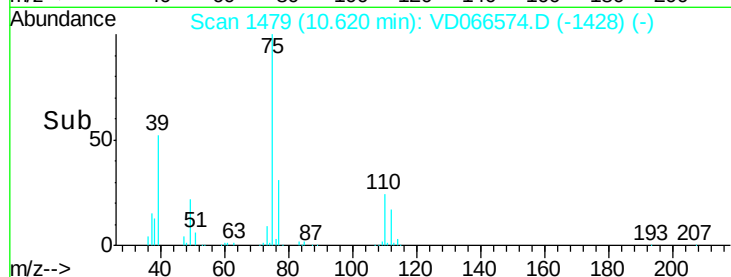
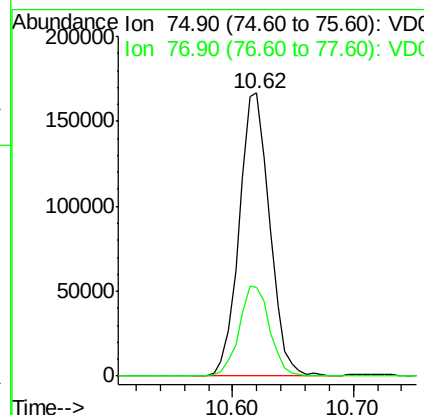
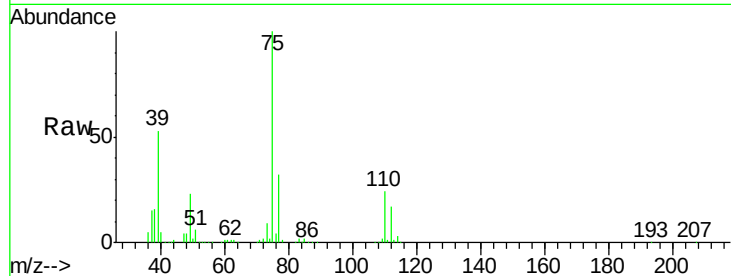




#53
t-1,3-Dichloropropene
Concen: 46.496 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

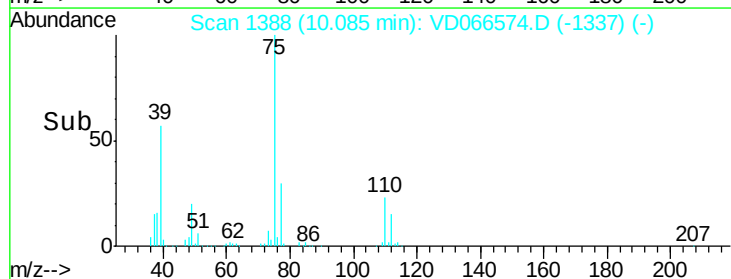
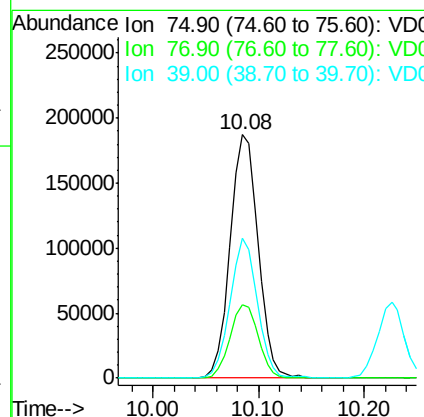
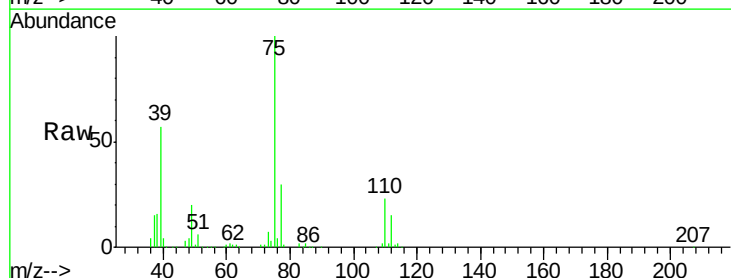
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

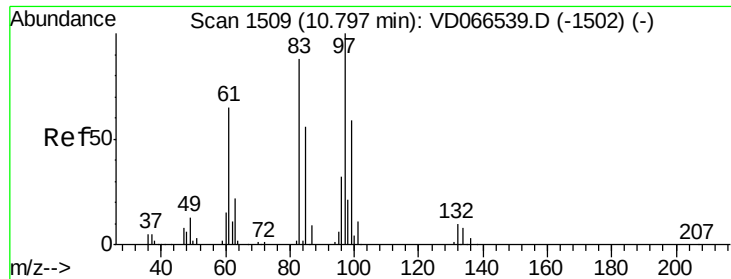
Tgt Ion: 75 Resp: 294515
Ion Ratio Lower Upper
75 100
77 31.6 27.4 41.2



#54
cis-1,3-Dichloropropene
Concen: 45.147 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 75 Resp: 343416
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0
39 57.4 45.4 68.0

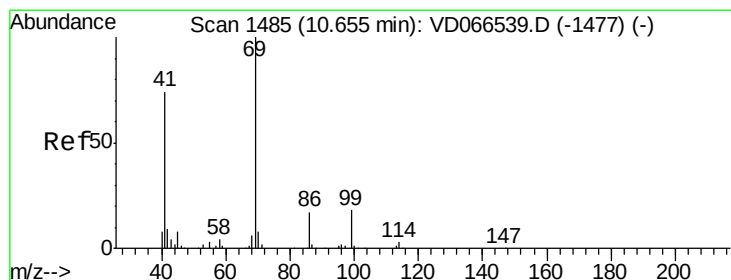
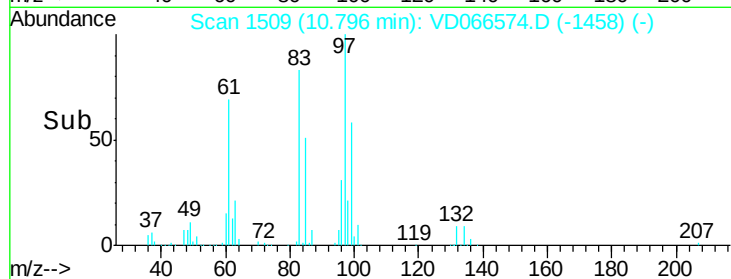
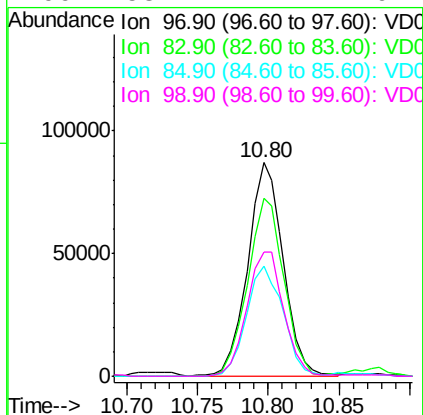
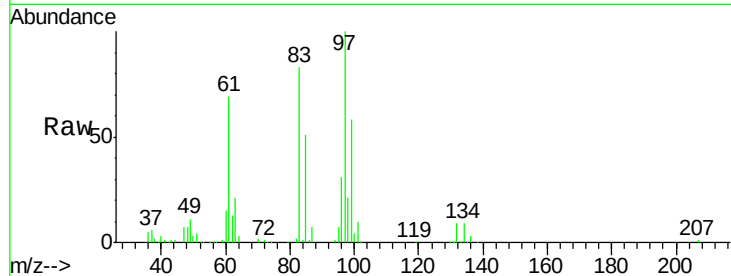




#55
 1,1,2-Trichloroethane
 Concen: 44.675 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

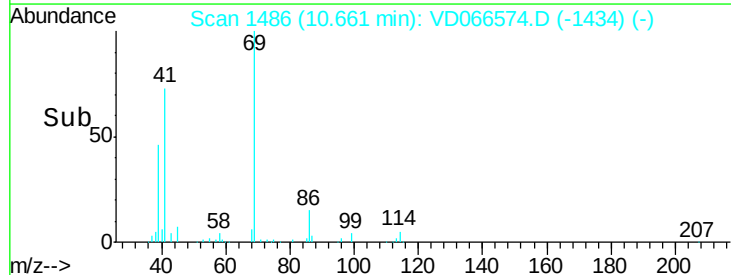
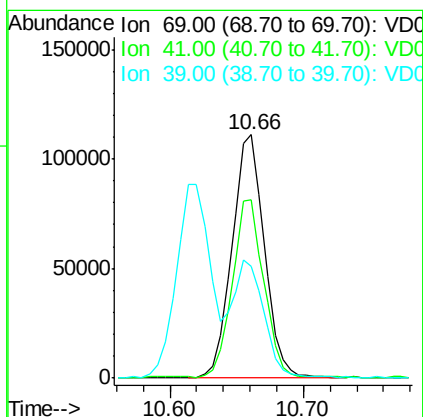
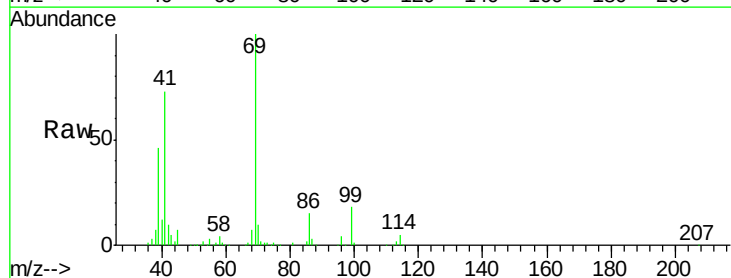
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

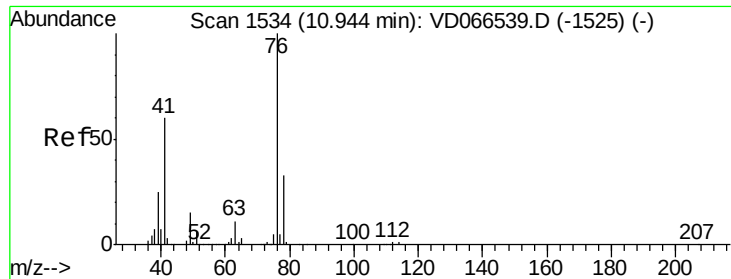
Tgt Ion:	97	Resp:	152339
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.1	105.1
85	51.4	44.5	66.7
99	58.2	47.1	70.7



#56
 Ethyl methacrylate
 Concen: 47.216 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion:	69	Resp:	187465
Ion	Ratio	Lower	Upper
69	100		
41	70.1	56.8	85.2
39	48.0	30.6	46.0#

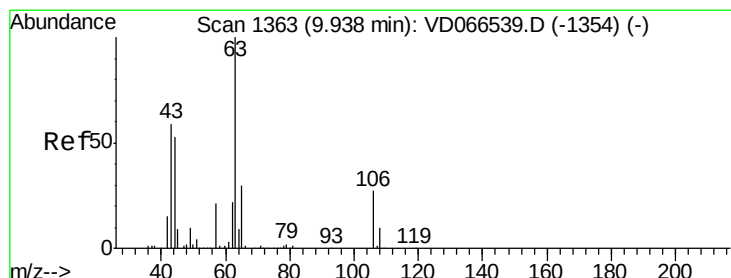
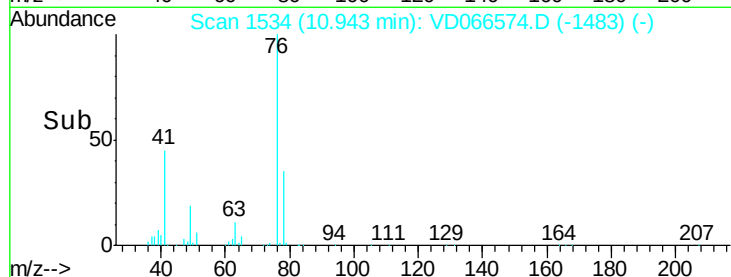
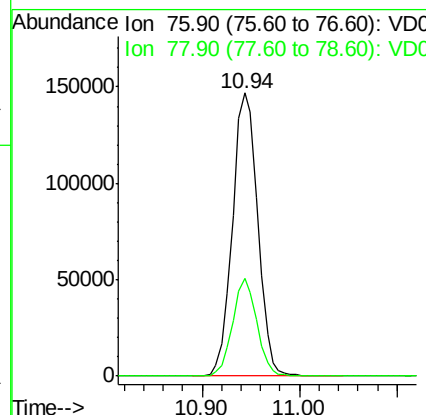
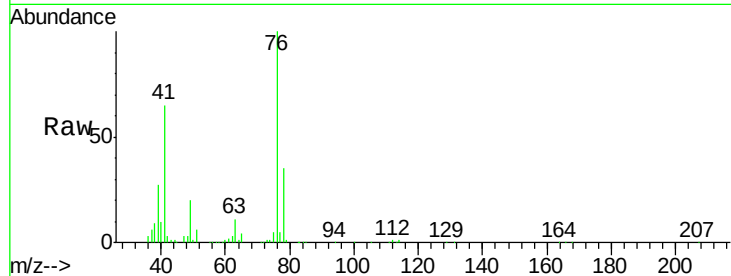




#57
 1,3-Dichloropropane
 Concen: 44.270 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

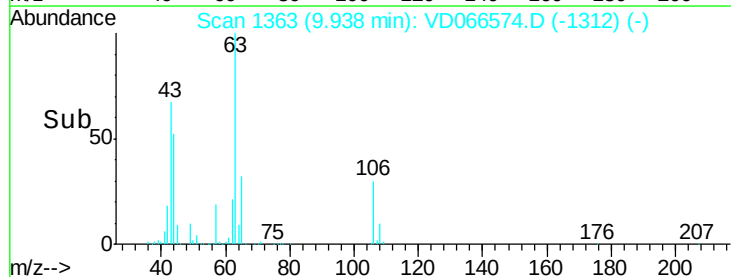
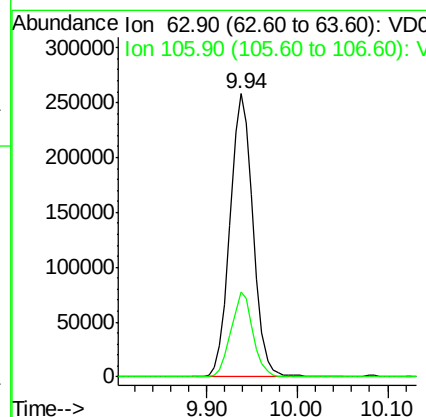
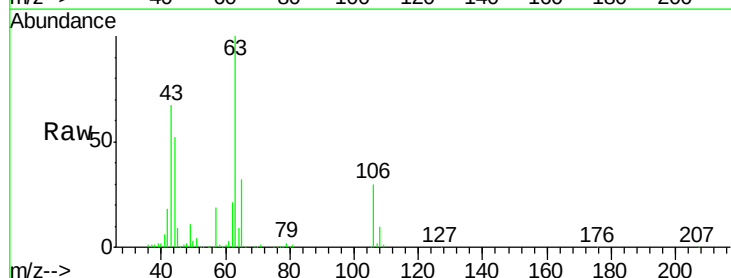
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

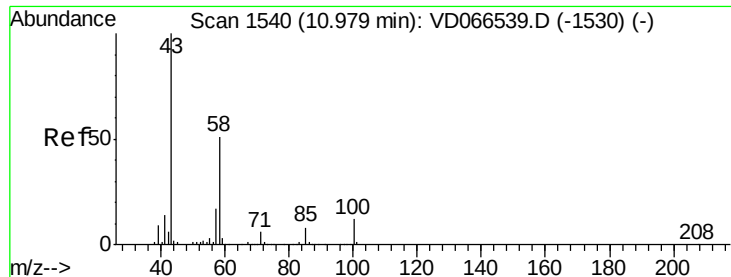
Tgt Ion: 76 Resp: 264416
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.046 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 63 Resp: 454089
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.0 33.0





#59

2-Hexanone

Concen: 248.687 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

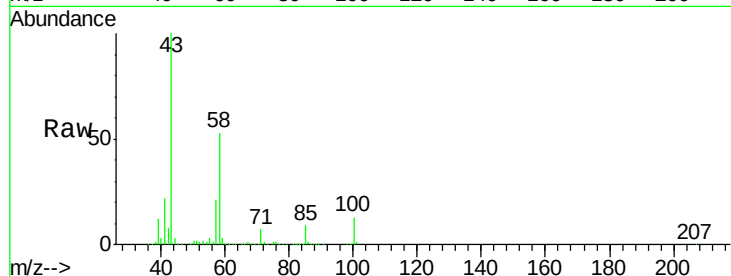
VSTDCCC050

Tgt Ion: 43 Resp: 449206

Ion Ratio Lower Upper

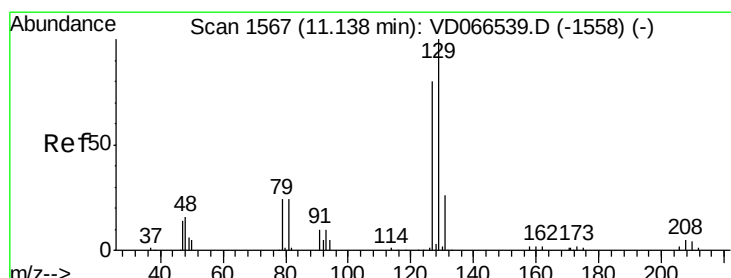
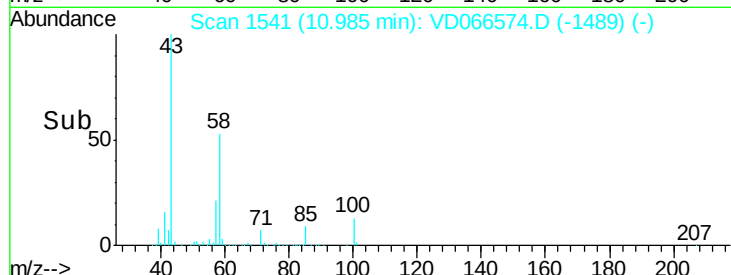
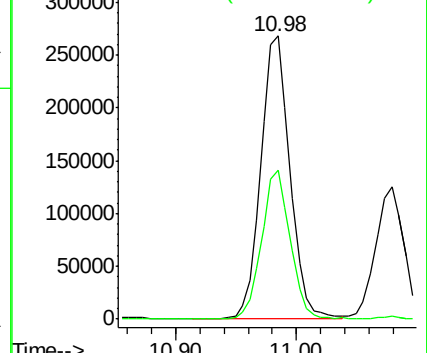
43 100

58 51.6 25.6 76.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#60

Dibromochloromethane

Concen: 46.285 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VD066574.D

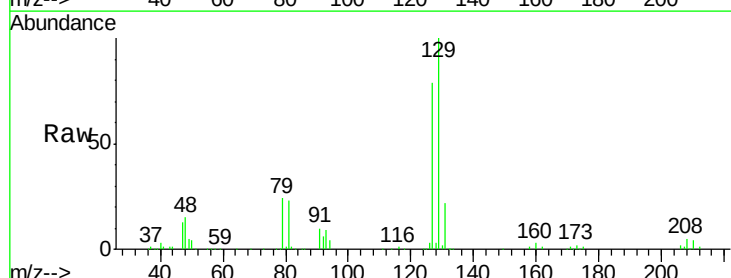
Acq: 09 Sep 2020 11:00

Tgt Ion: 129 Resp: 208707

Ion Ratio Lower Upper

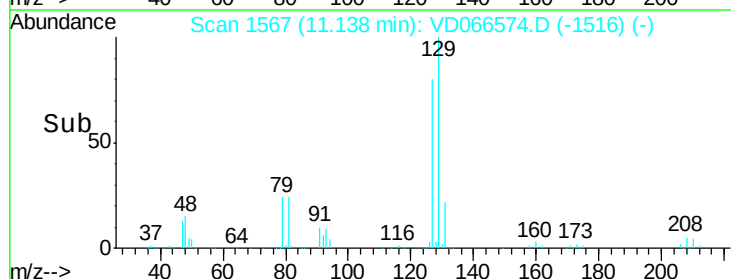
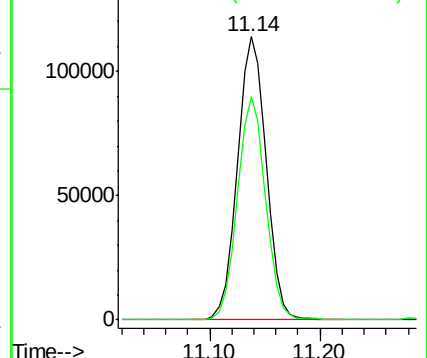
129 100

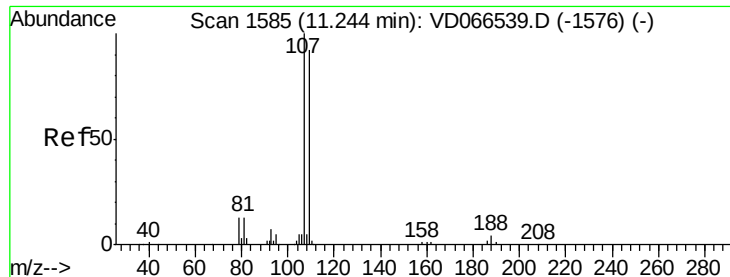
127 77.2 39.5 118.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 44.684 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

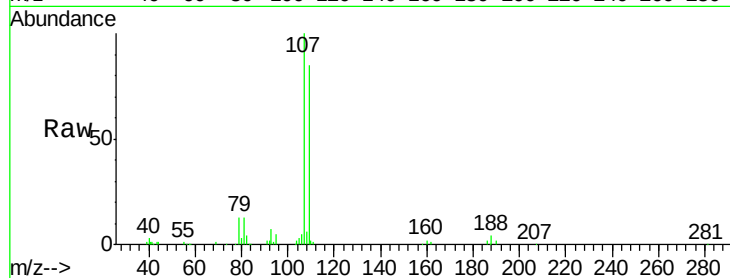
VSTDCCC050

Tgt Ion: 107 Resp: 148239

Ion Ratio Lower Upper

107 100

109 93.4 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

80000

60000

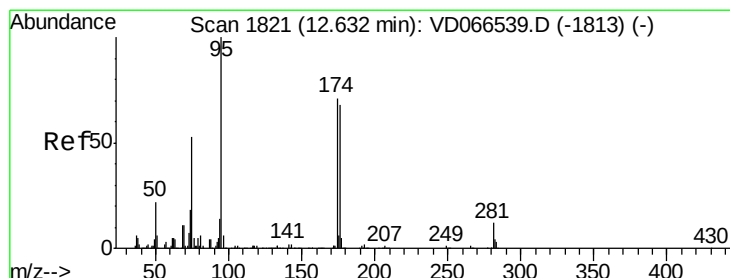
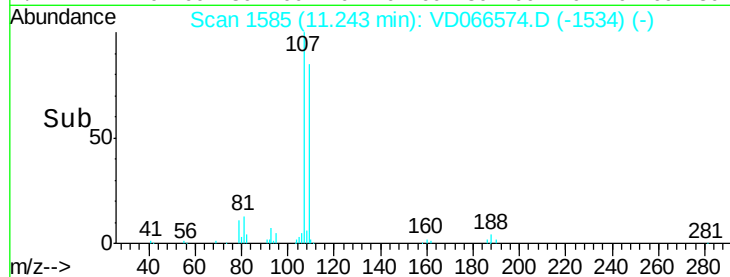
40000

20000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 54.035 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

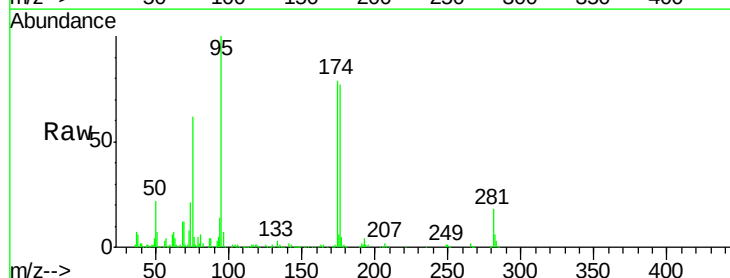
Tgt Ion: 95 Resp: 289728

Ion Ratio Lower Upper

95 100

174 77.9 0.0 155.8

176 74.0 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

200000

150000

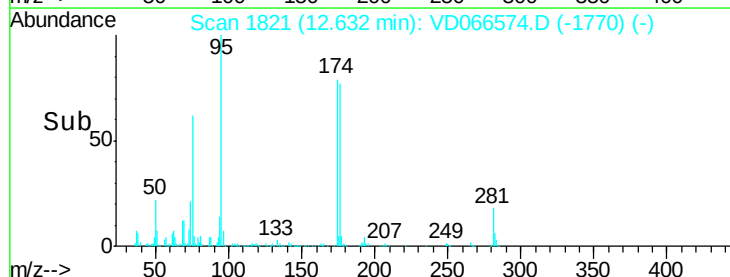
100000

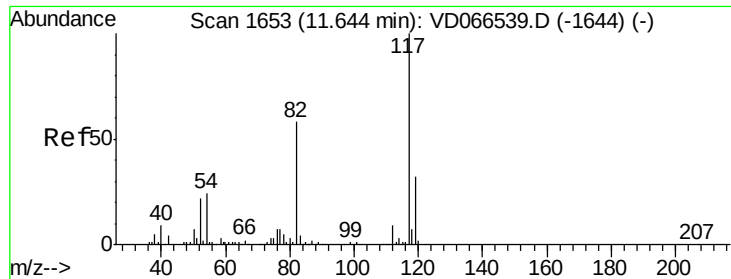
50000

0

Time-->

12.55 12.60 12.65 12.70

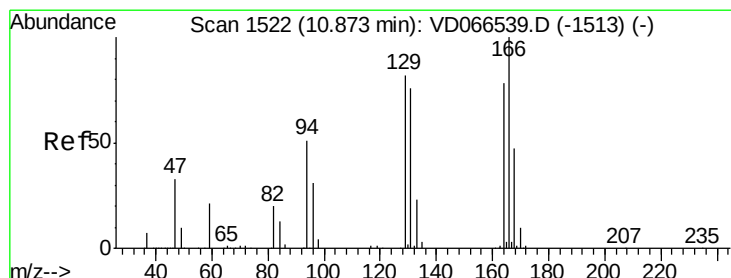
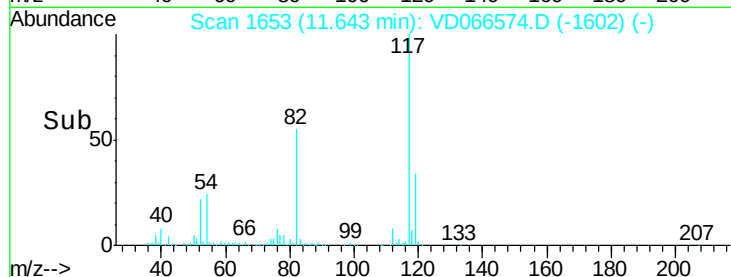
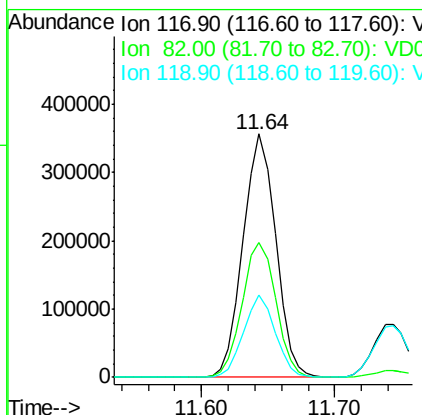
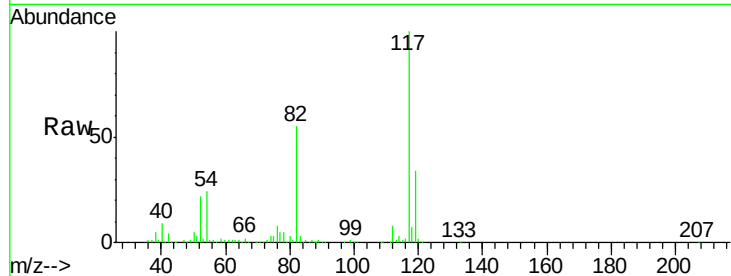




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

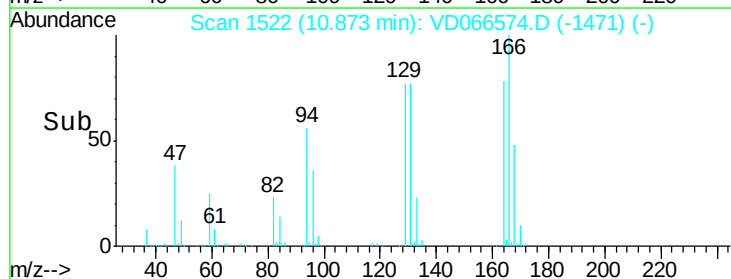
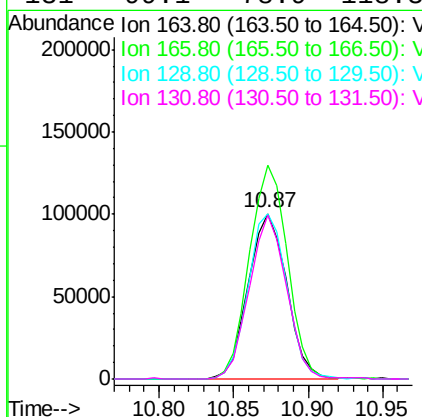
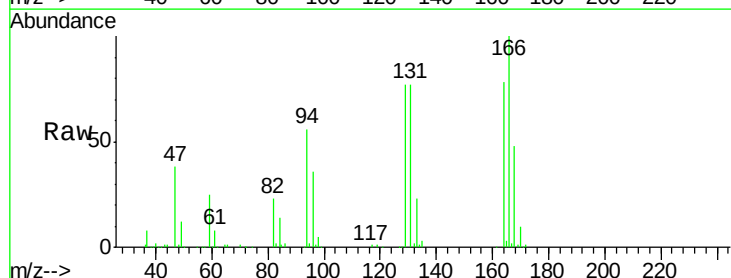
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

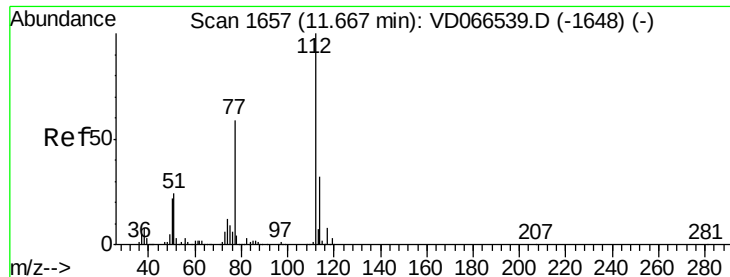
Tgt Ion:117 Resp: 604853
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.2
119 33.9 25.8 38.8



#64
Tetrachloroethene
Concen: 44.014 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion:164 Resp: 179247
Ion Ratio Lower Upper
164 100
166 128.9 103.2 154.8
129 99.9 84.5 126.7
131 99.1 78.9 118.3

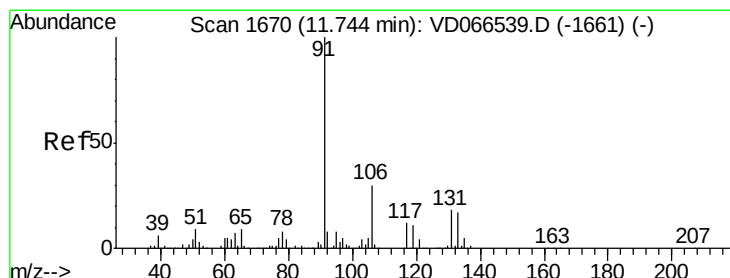
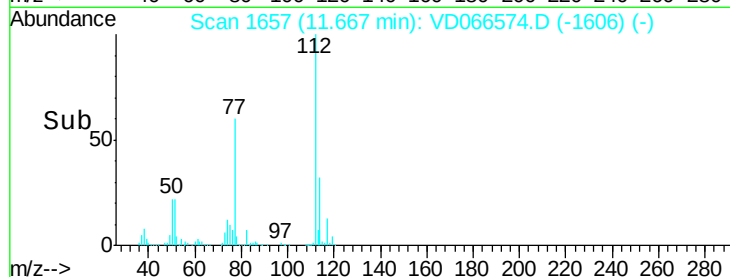
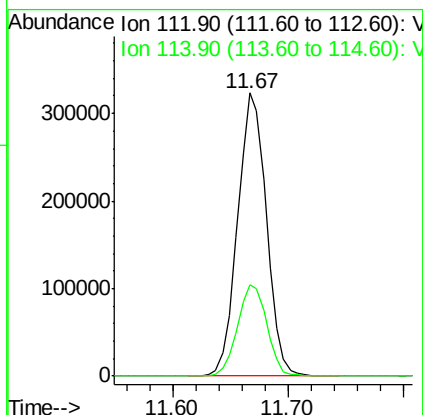
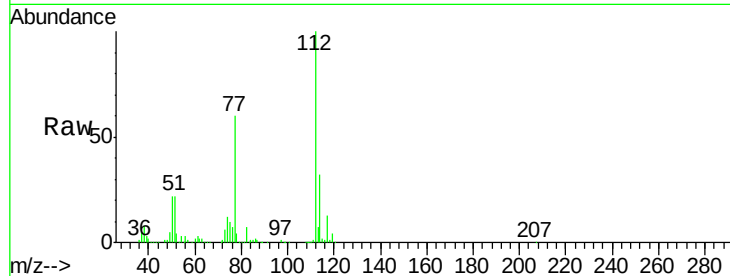




#65
Chlorobenzene
Concen: 44.683 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

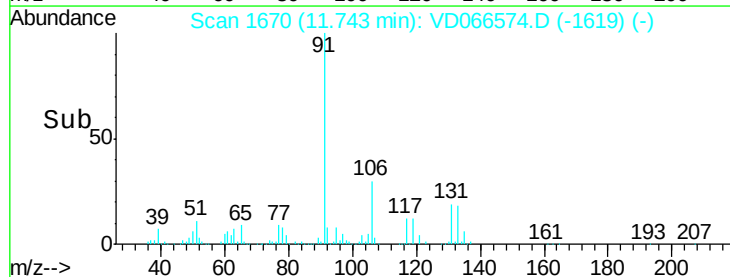
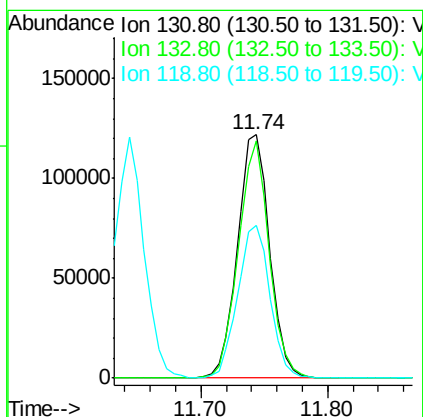
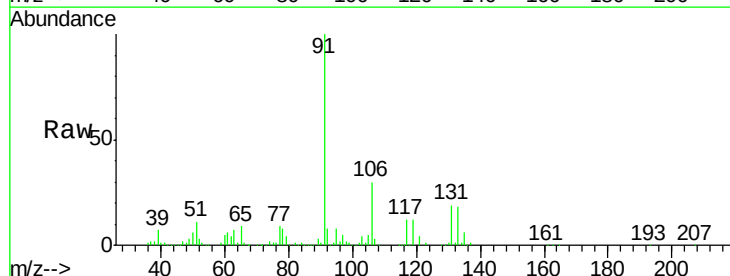
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

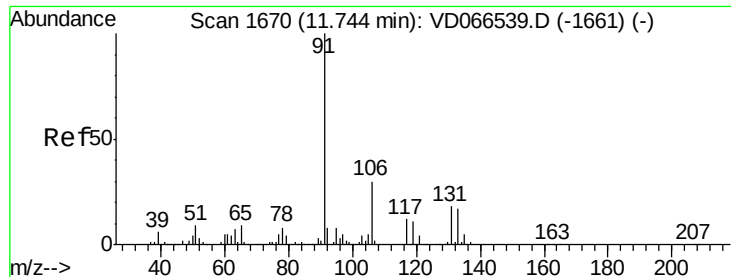
Tgt Ion:112 Resp: 557808
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 44.891 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion:131 Resp: 213880
Ion Ratio Lower Upper
131 100
133 93.8 46.7 140.0
119 63.3 31.9 95.7

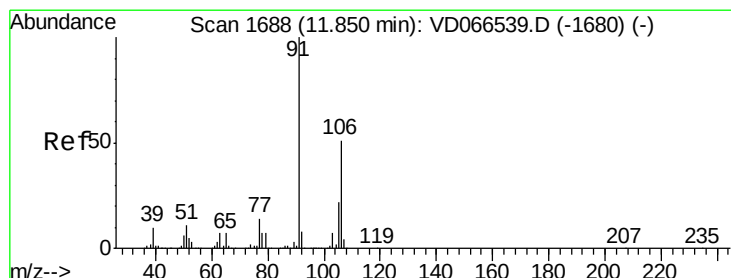
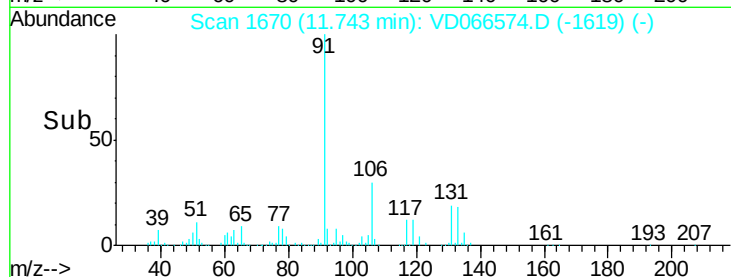
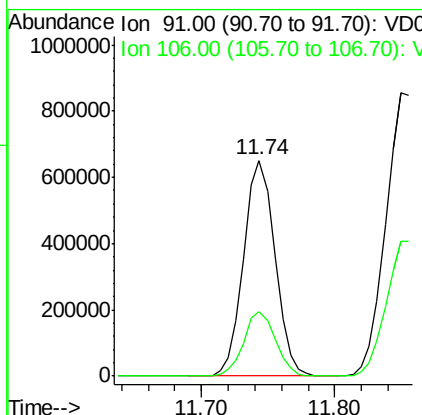
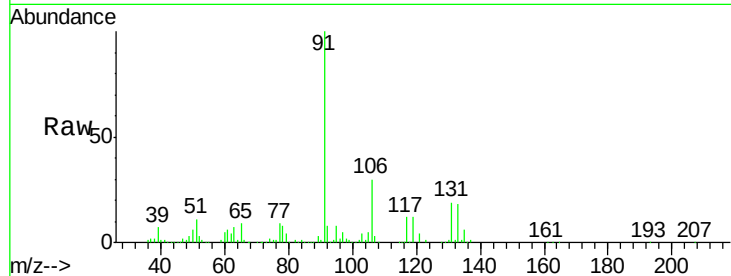




#67
Ethyl Benzene
Concen: 46.264 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

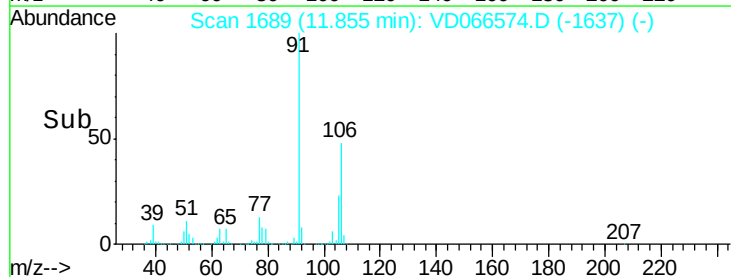
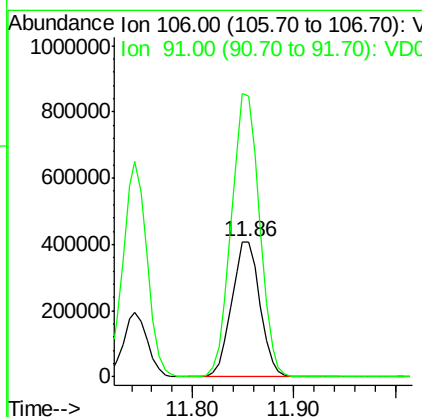
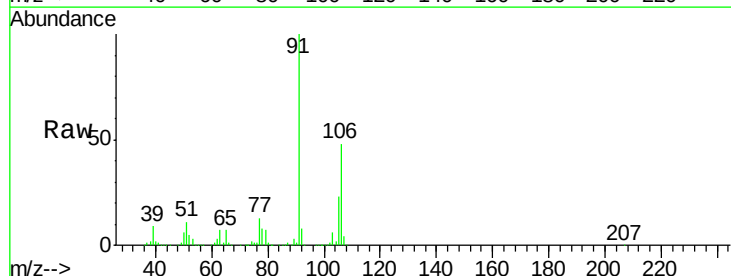
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

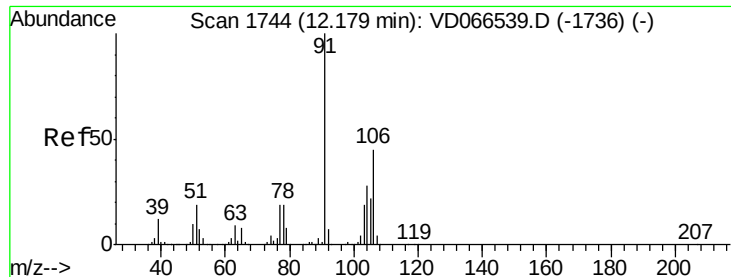
Tgt Ion: 91 Resp: 1060490
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 92.514 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 106 Resp: 787403
Ion Ratio Lower Upper
106 100
91 209.4 162.4 243.6

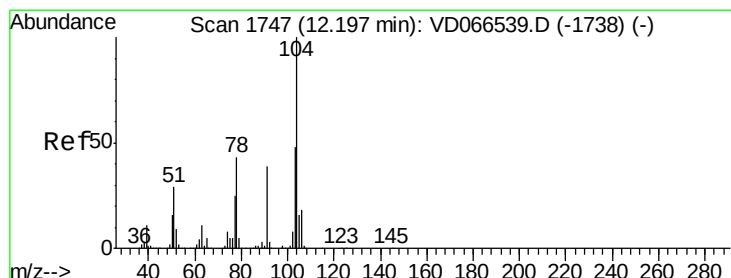
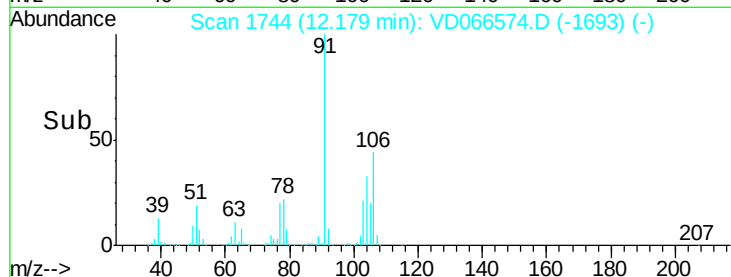
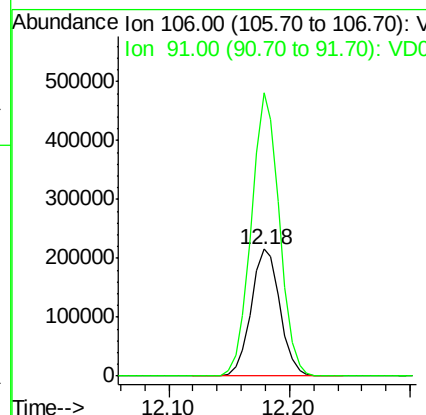
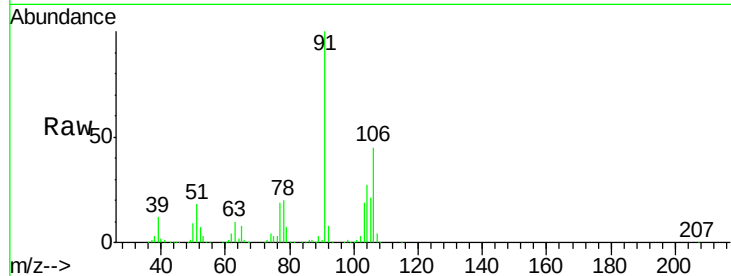




#69
o-Xylene
Concen: 46.900 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

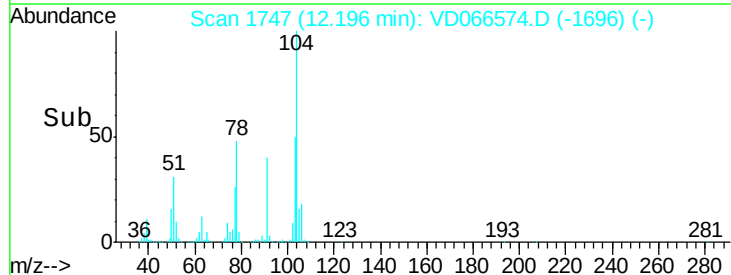
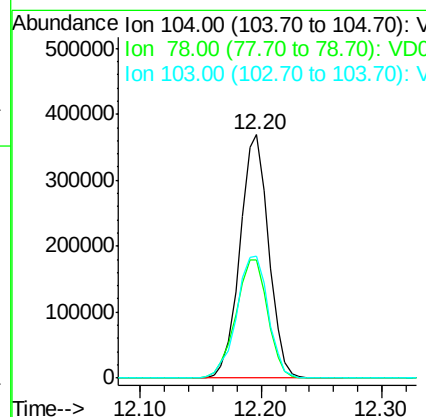
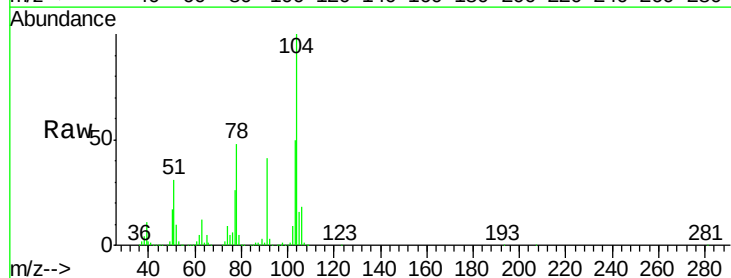
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

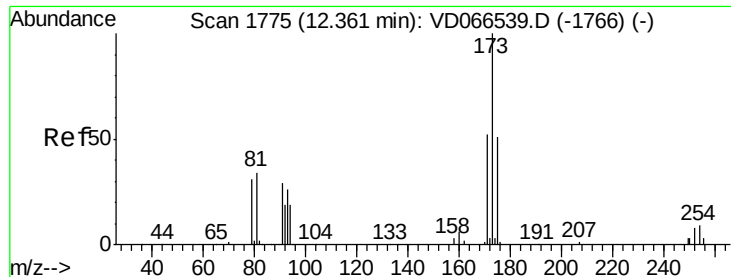
Tgt Ion:106 Resp: 357738
Ion Ratio Lower Upper
106 100
91 217.7 107.9 323.8



#70
Styrene
Concen: 46.175 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion:104 Resp: 612318
Ion Ratio Lower Upper
104 100
78 54.0 40.7 61.1
103 55.4 42.9 64.3





#71

Bromoform

Concen: 46.178 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

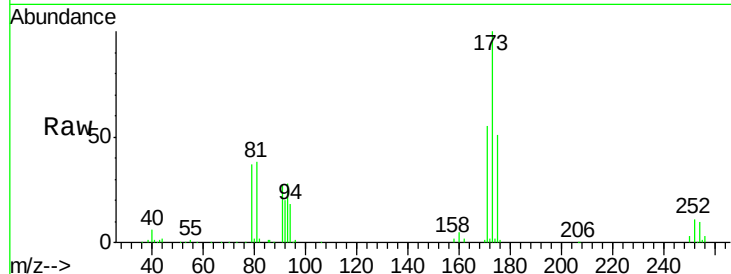
Tgt Ion:173 Resp: 110878

Ion Ratio Lower Upper

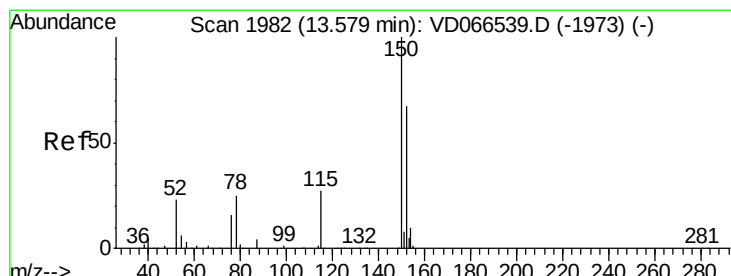
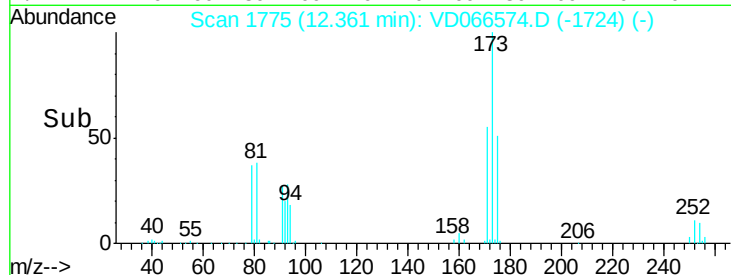
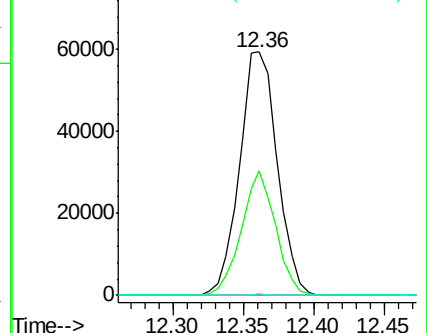
173 100

175 46.3 24.2 72.6

254 0.2 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: VD066574.D

Acq: 09 Sep 2020 11:00

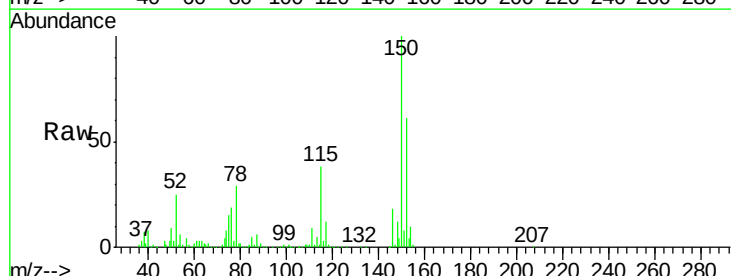
Tgt Ion:152 Resp: 276803

Ion Ratio Lower Upper

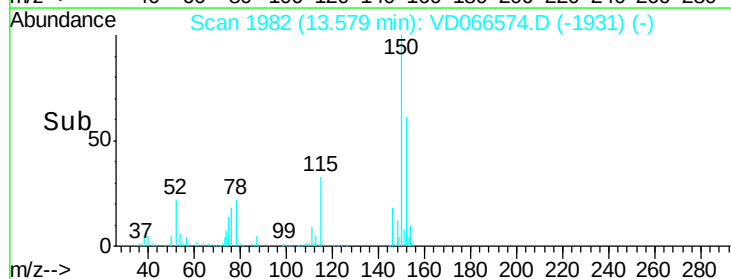
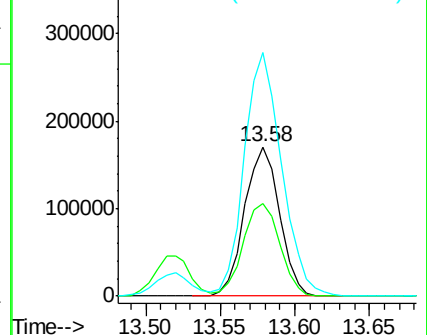
152 100

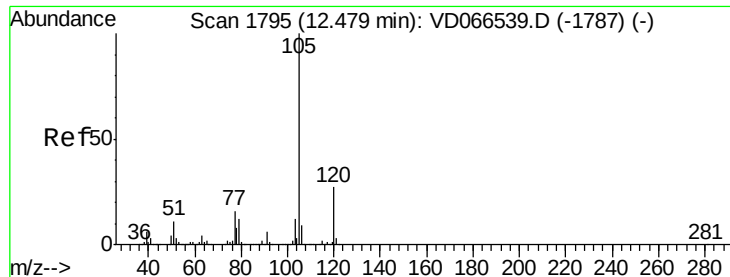
115 65.2 30.4 91.2

150 174.7 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.585 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

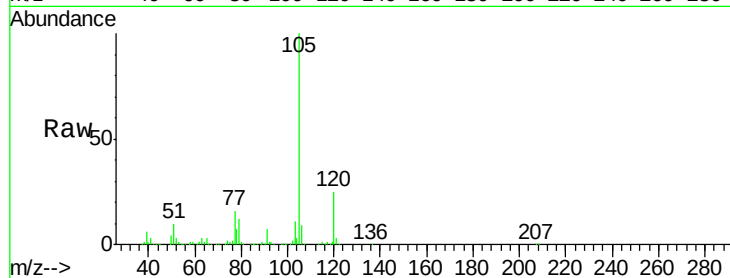
VSTDCCC050

Tgt Ion:105 Resp: 1016195

Ion Ratio Lower Upper

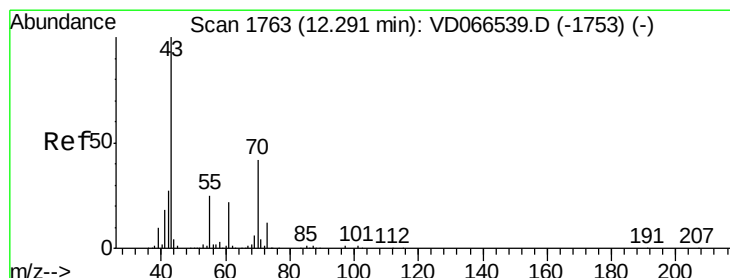
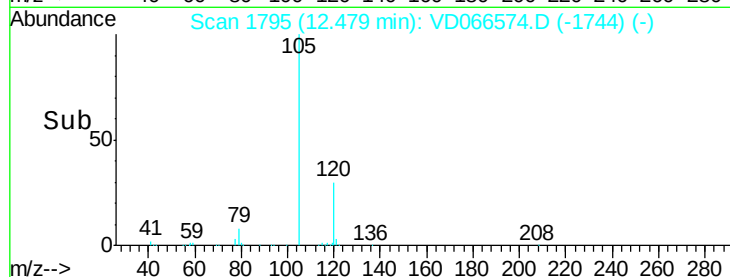
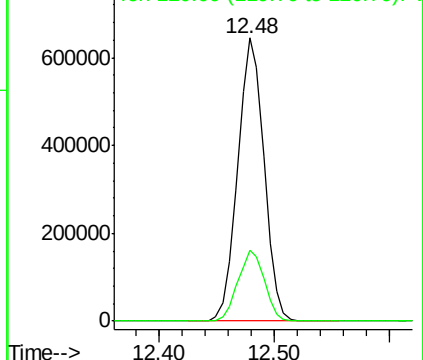
105 100

120 25.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.648 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Tgt Ion: 43 Resp: 221166

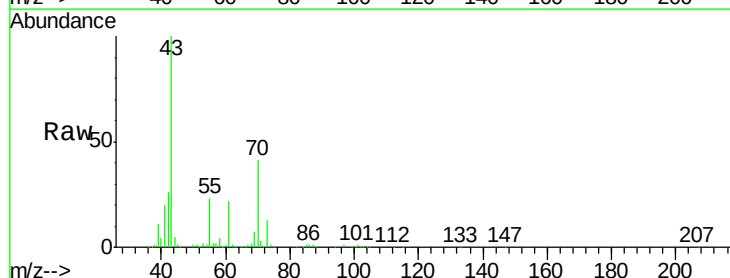
Ion Ratio Lower Upper

43 100

70 41.6 33.4 50.2

55 24.2 20.1 30.1

61 22.9 18.2 27.2

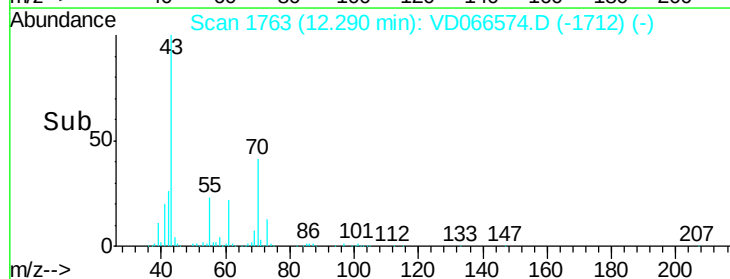
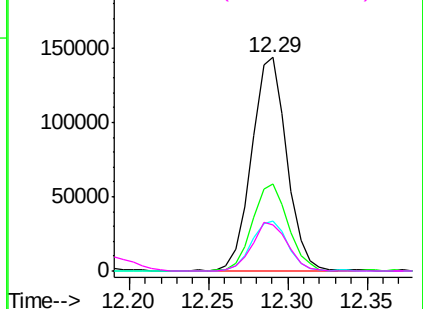


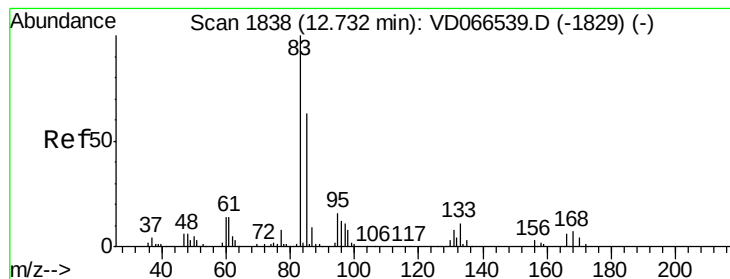
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.318 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

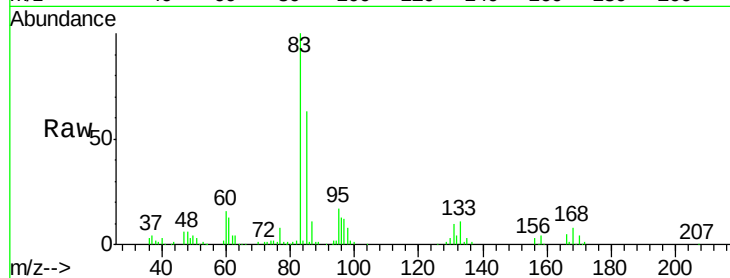
Tgt Ion: 83 Resp: 164081

Ion Ratio Lower Upper

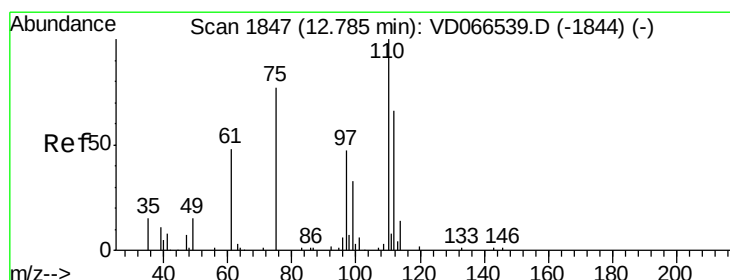
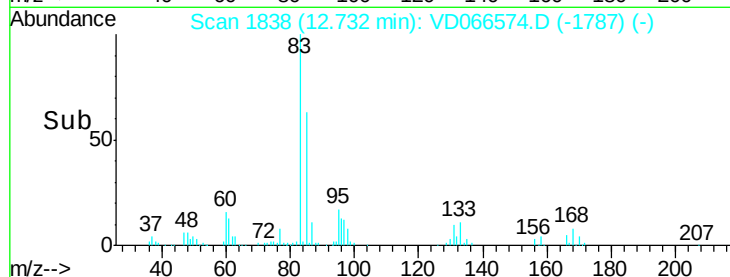
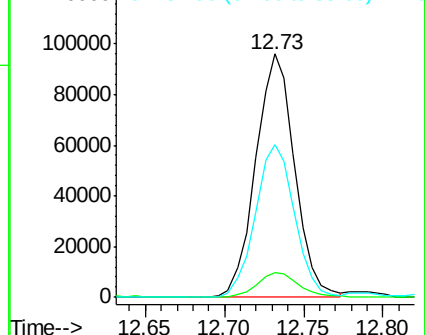
83 100

131 11.0 5.0 15.0

85 63.2 32.1 96.3



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: 84.917 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066574.D

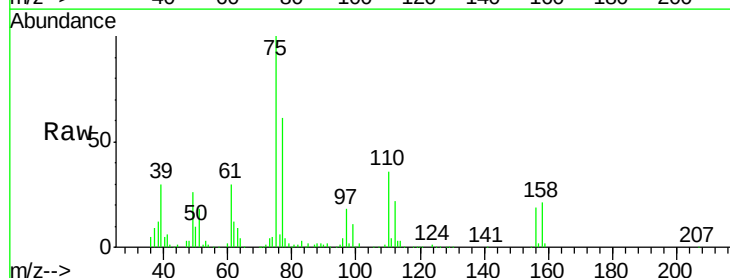
Acq: 09 Sep 2020 11:00

Tgt Ion: 75 Resp: 226059

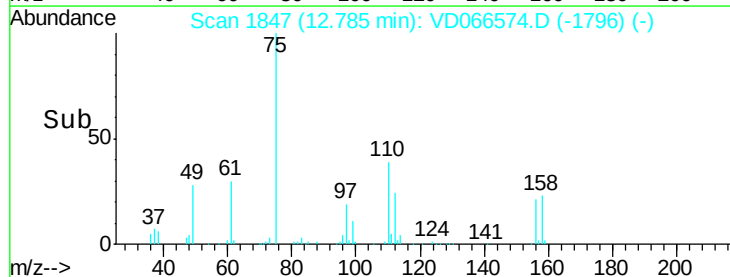
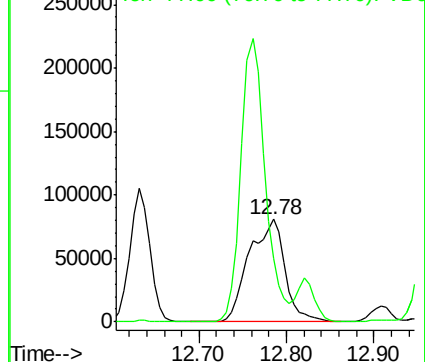
Ion Ratio Lower Upper

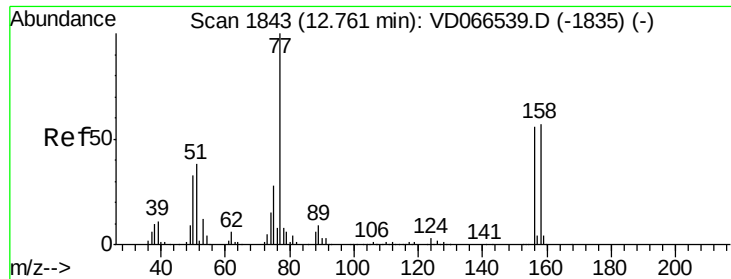
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.163 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

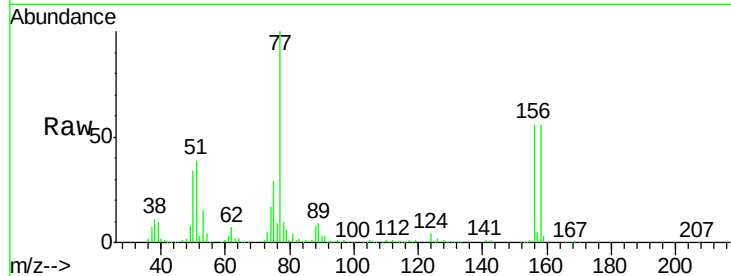
Tgt Ion:156 Resp: 215489

Ion Ratio Lower Upper

156 100

77 195.0 98.0 294.1

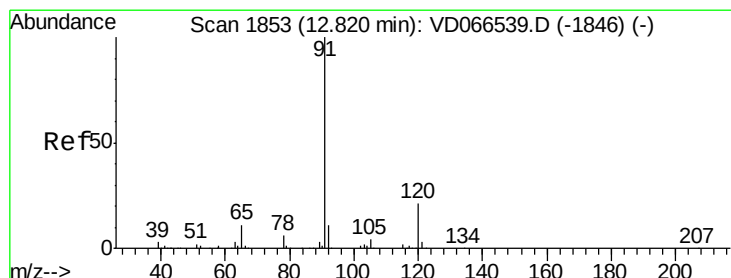
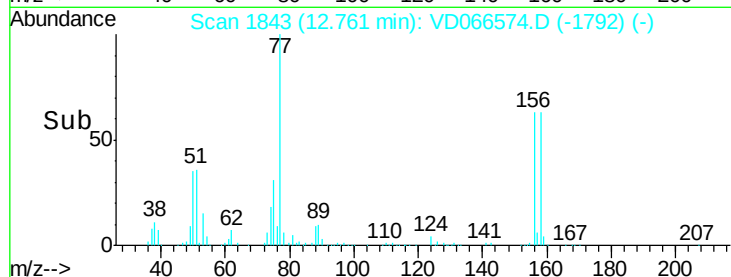
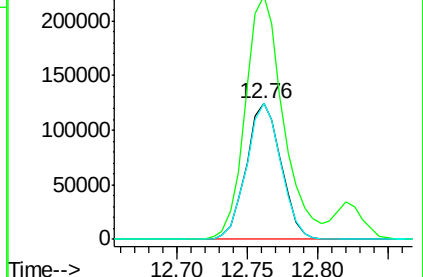
158 98.8 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.736 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066574.D

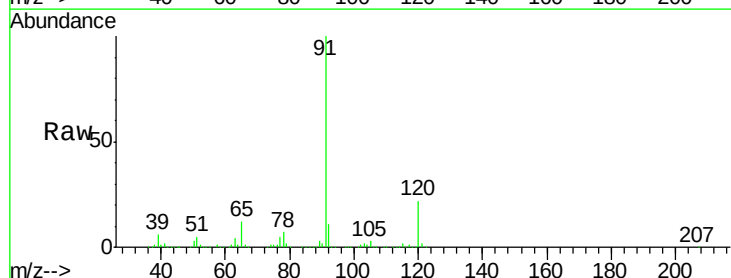
Acq: 09 Sep 2020 11:00

Tgt Ion: 91 Resp: 1210805

Ion Ratio Lower Upper

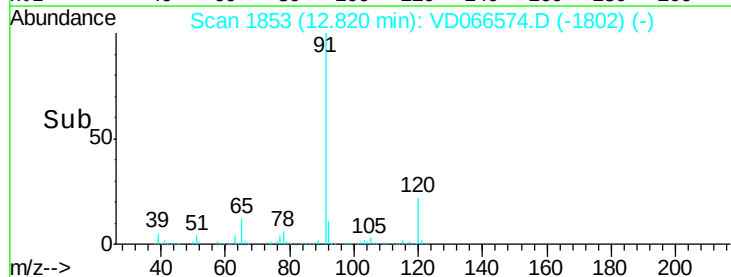
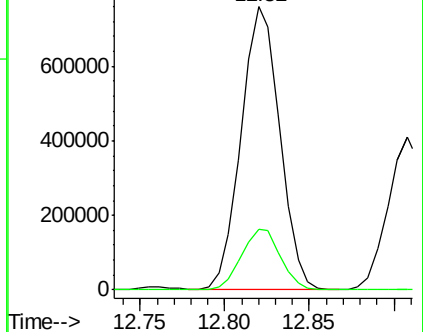
91 100

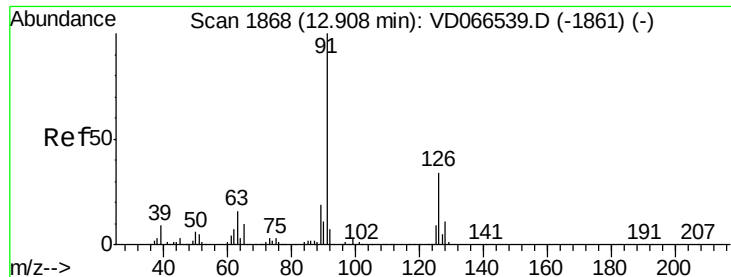
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.338 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

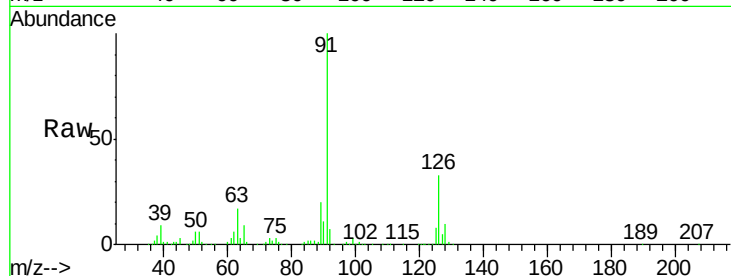
VSTDCCC050

Tgt Ion: 91 Resp: 673707

Ion Ratio Lower Upper

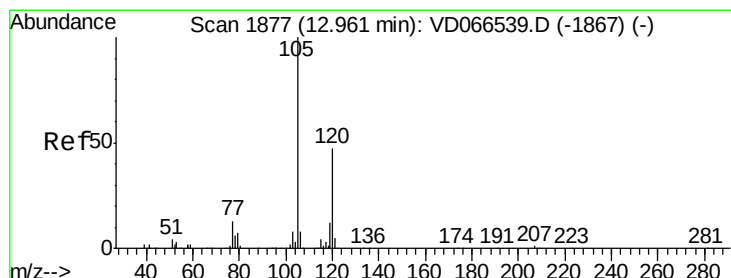
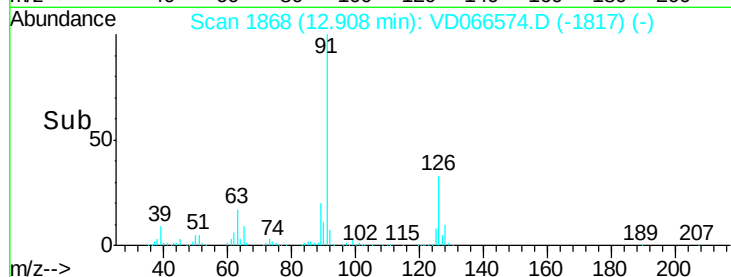
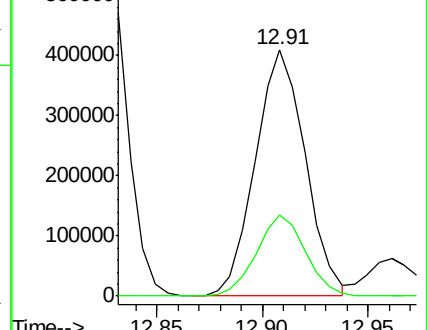
91 100

126 32.5 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.850 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066574.D

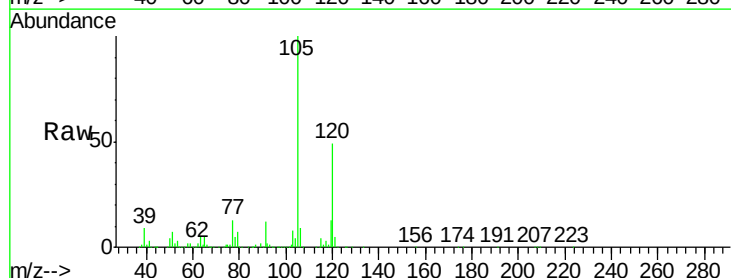
Acq: 09 Sep 2020 11:00

Tgt Ion: 105 Resp: 842633

Ion Ratio Lower Upper

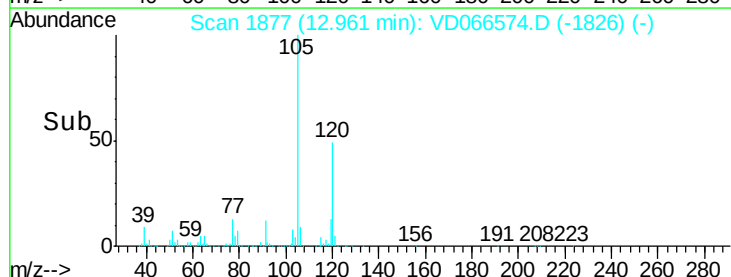
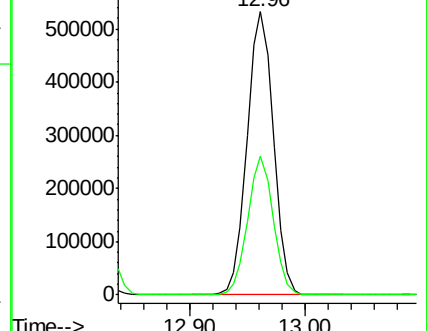
105 100

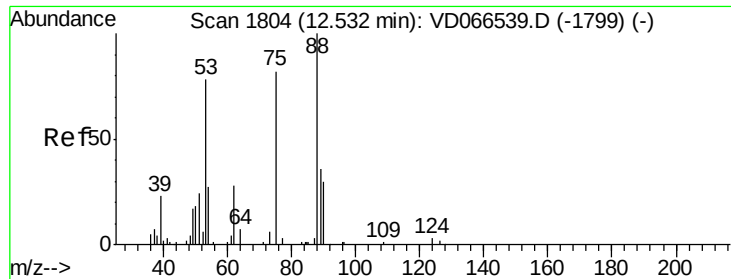
120 47.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

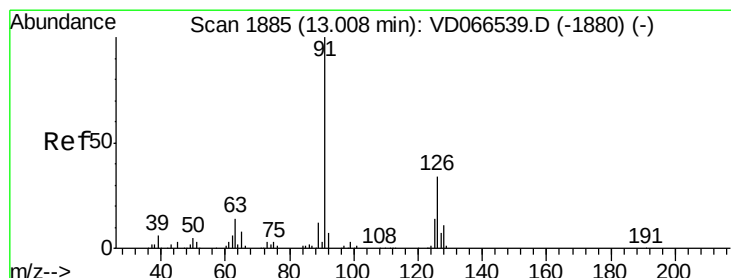
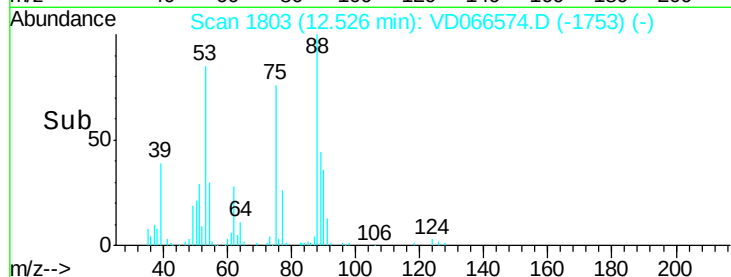
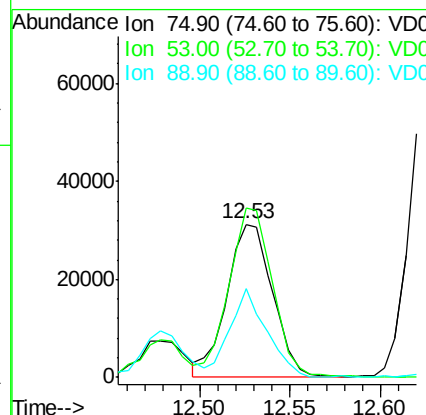
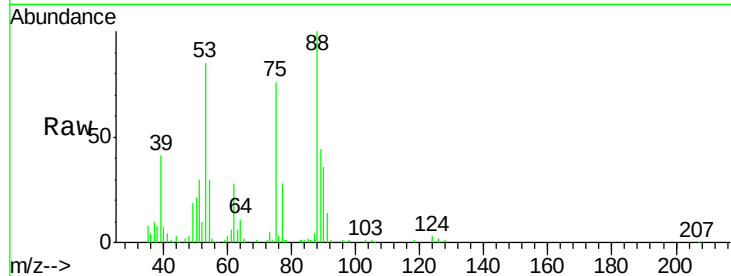




#81
trans-1,4-Dichloro-2-butene
Concen: 48.115 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

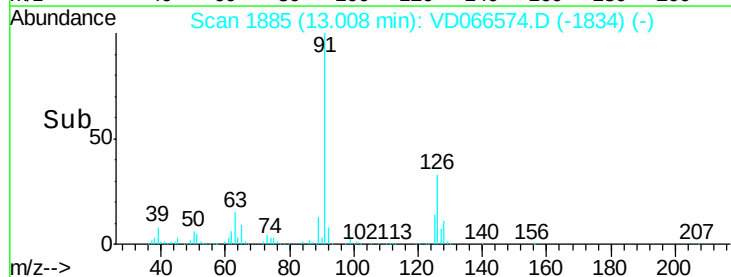
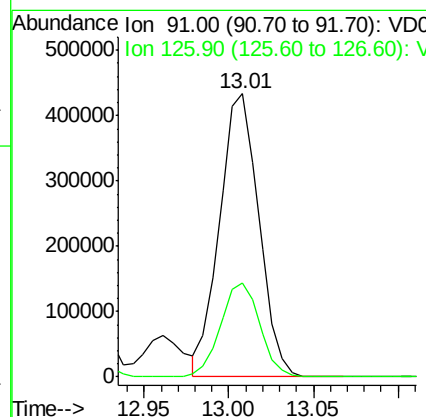
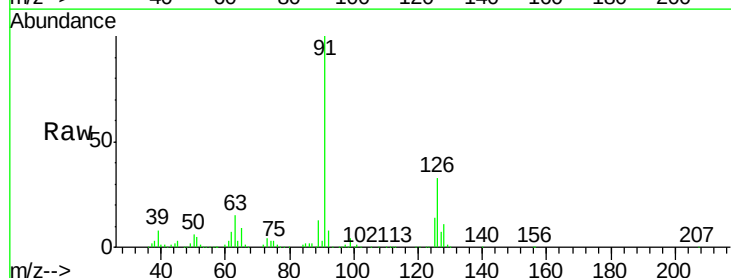
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

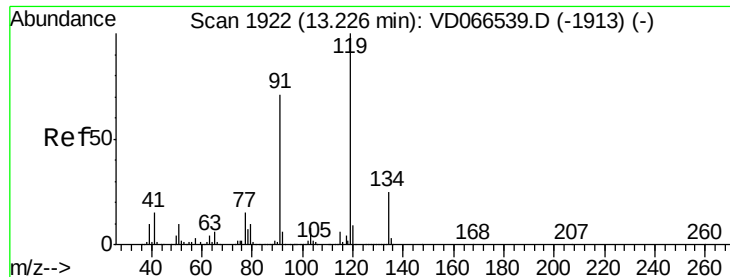
Tgt Ion: 75 Resp: 54864
Ion Ratio Lower Upper
75 100
53 106.3 87.0 130.4
89 46.8 37.1 55.7



#82
4-Chlorotoluene
Concen: 47.108 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 91 Resp: 702116
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1

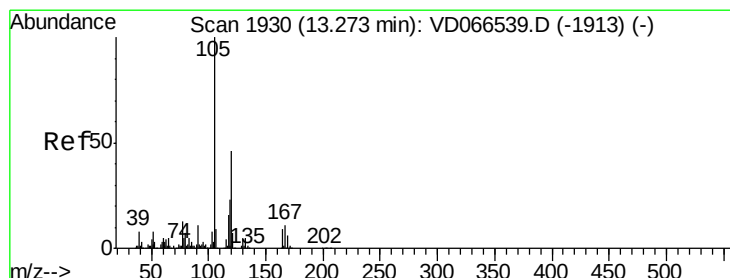
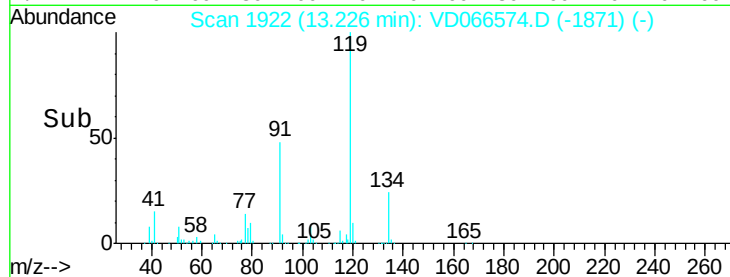
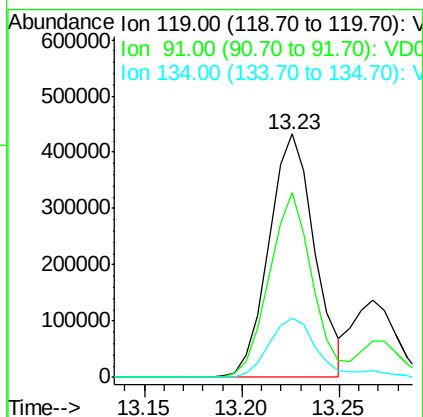
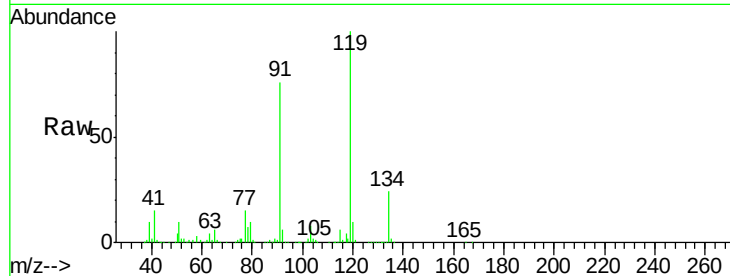




#83
 tert-Butylbenzene
 Concen: 49.697 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

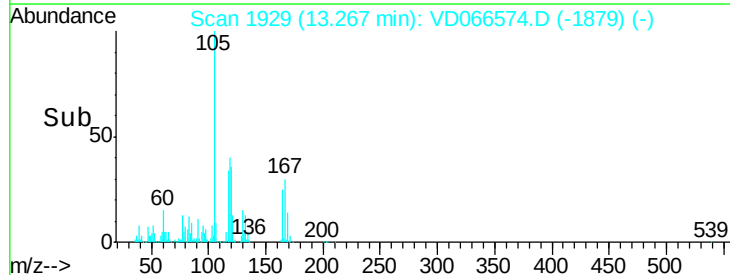
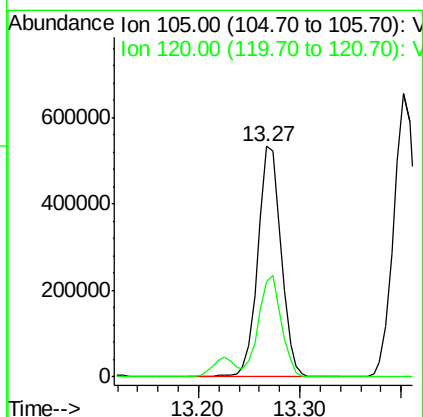
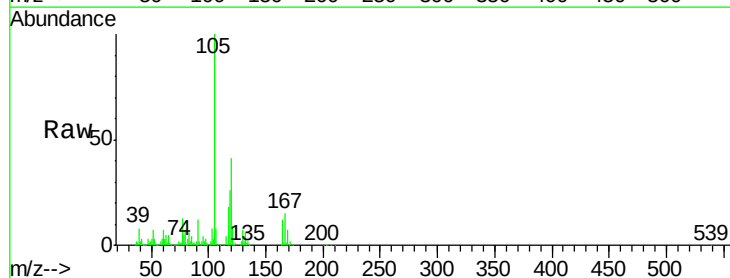
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

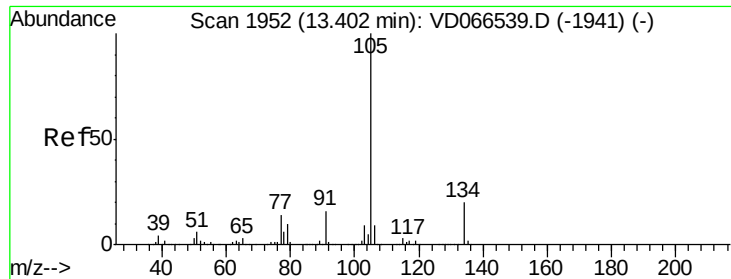
Tgt Ion:119 Resp: 700038
 Ion Ratio Lower Upper
 119 100
 91 72.4 35.2 105.6
 134 26.7 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.550 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion:105 Resp: 850963
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 49.539 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

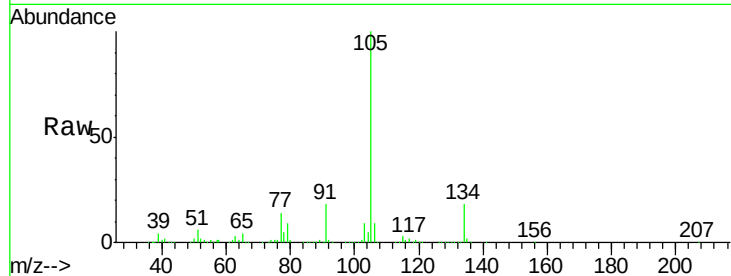
VSTDCCC050

Tgt Ion:105 Resp: 1005355

Ion Ratio Lower Upper

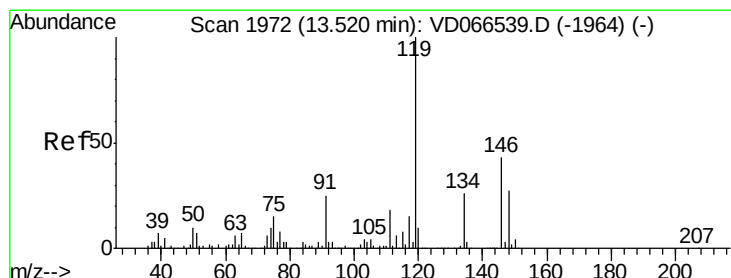
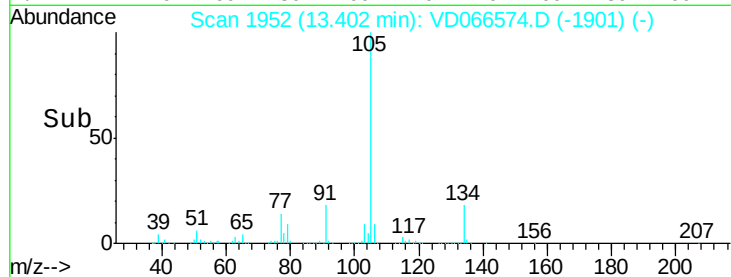
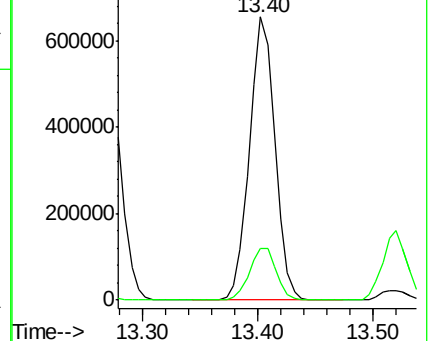
105 100

134 19.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.227 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

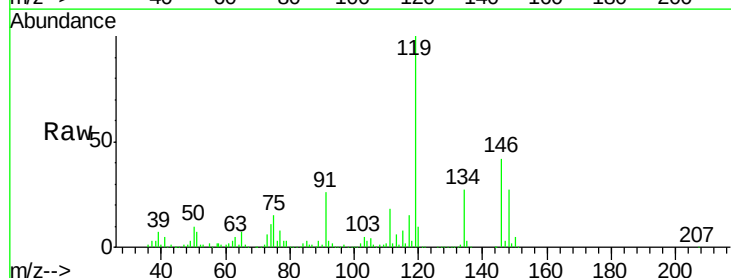
Tgt Ion:119 Resp: 917458

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

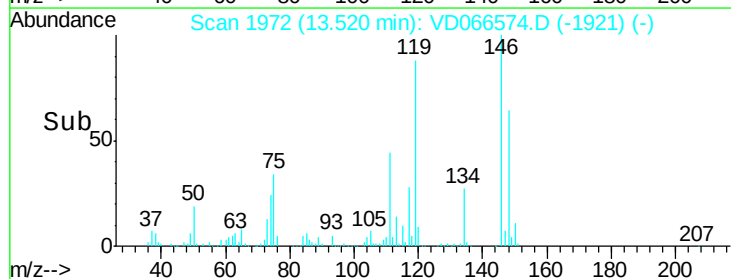
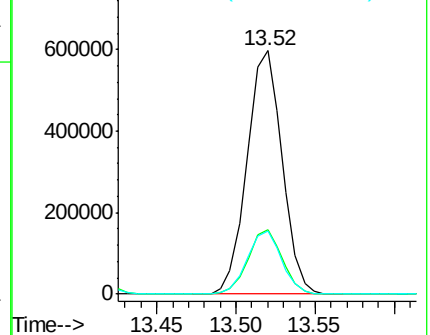
91 25.4 12.5 37.5

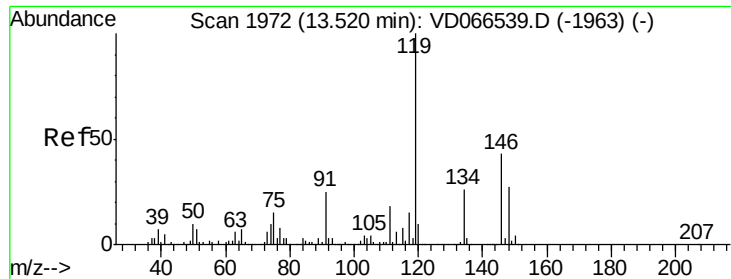


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

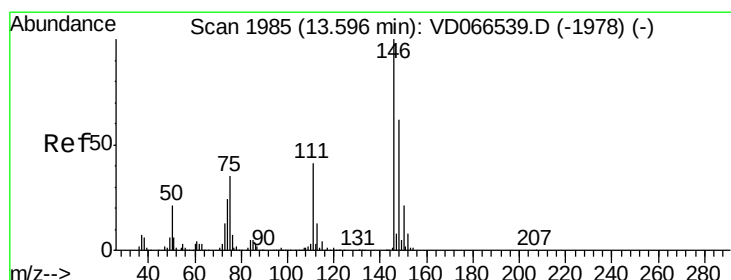
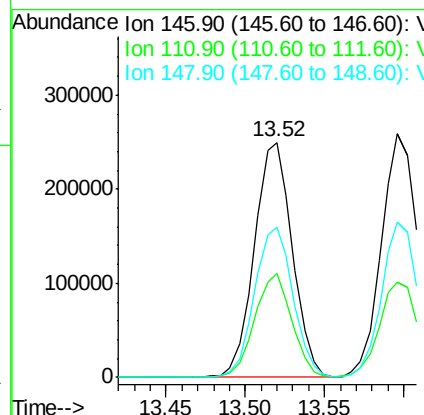
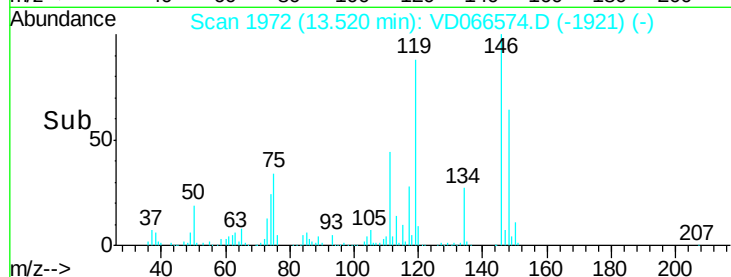
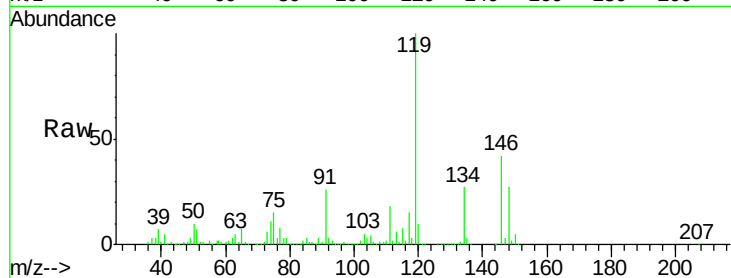




#87
 1,3-Dichlorobenzene
 Concen: 45.850 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

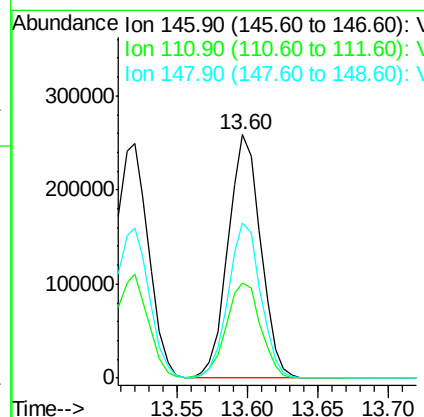
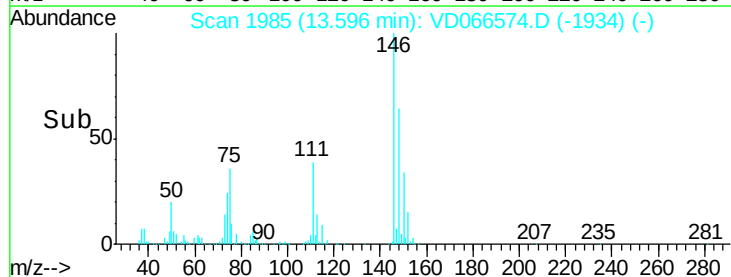
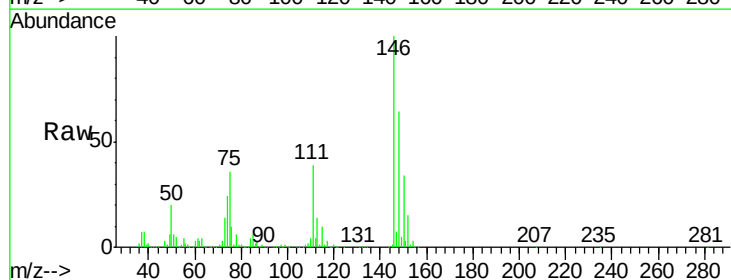
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

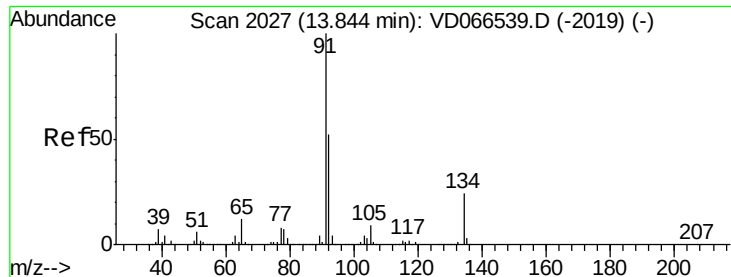
Tgt Ion:146 Resp: 415890
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.6 61.9
 148 64.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 45.651 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion:146 Resp: 415623
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.1 60.2
 148 63.5 31.6 94.8

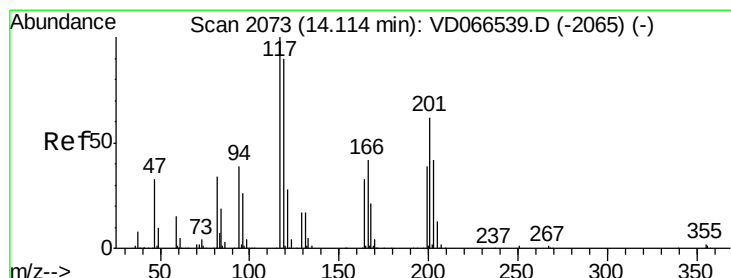
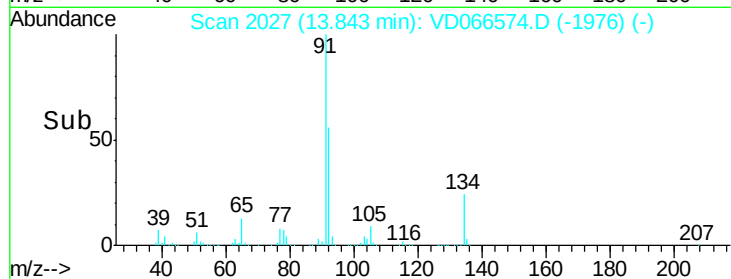
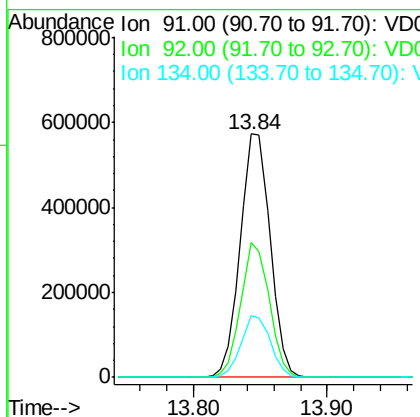
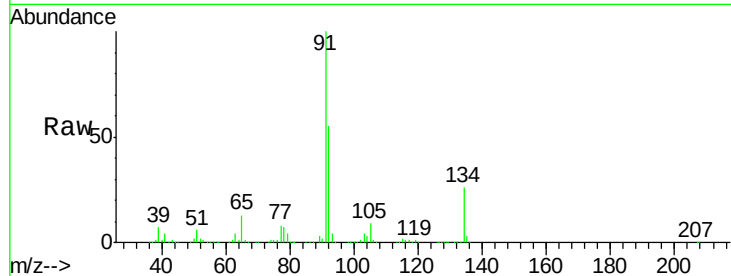




#89
n-Butylbenzene
Concen: 50.099 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

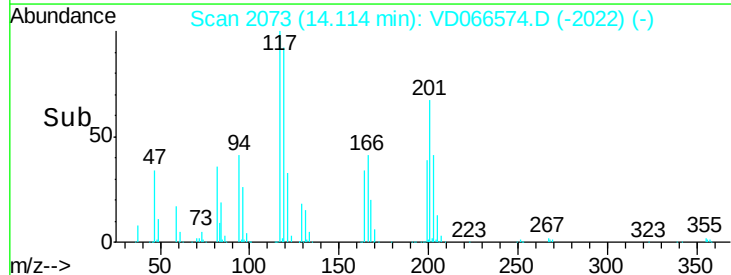
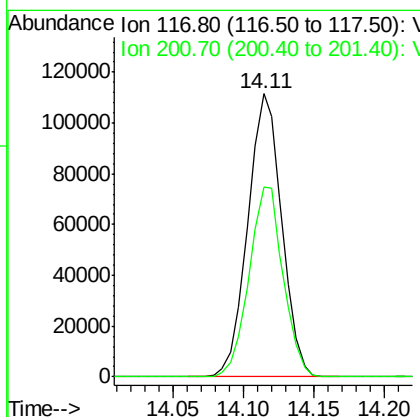
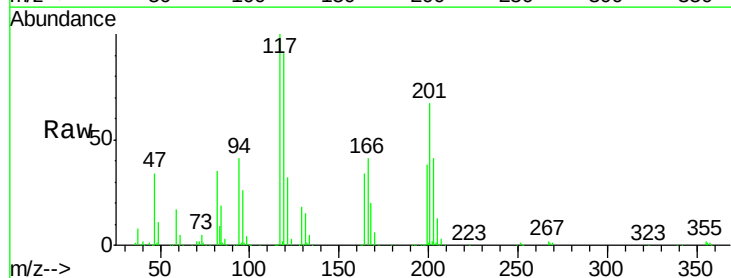
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

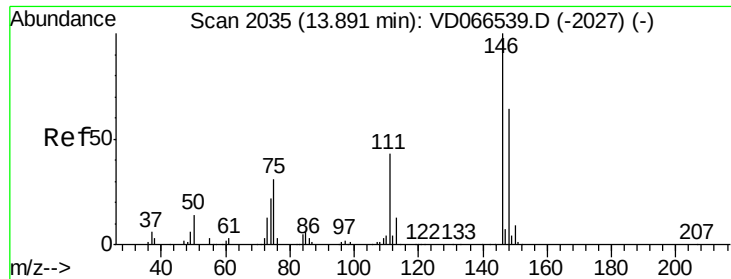
Tgt Ion: 91 Resp: 891751
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 24.7 12.1 36.3



#90
Hexachloroethane
Concen: 47.809 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066574.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 117 Resp: 188165
Ion Ratio Lower Upper
117 100
201 67.3 31.9 95.5

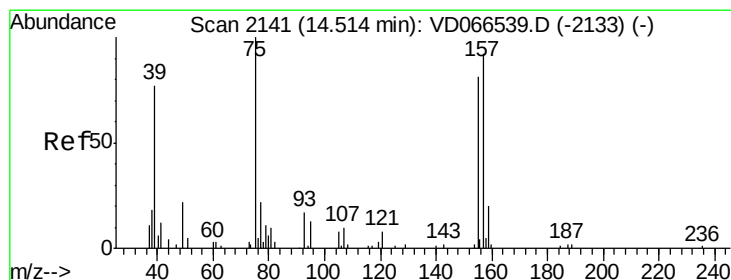
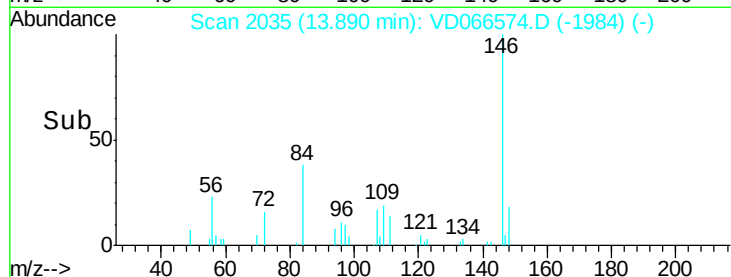
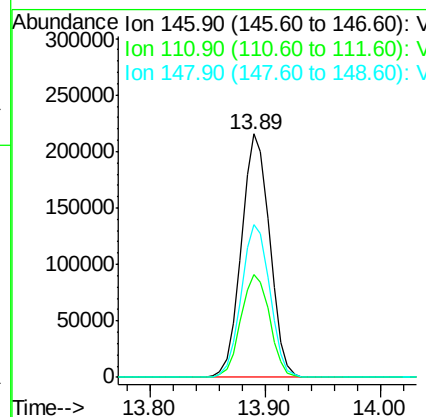
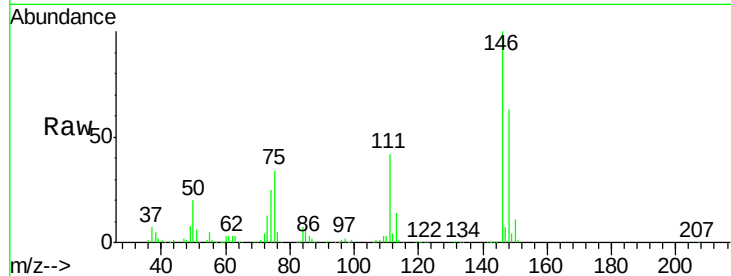




#91
 1,2-Dichlorobenzene
 Concen: 46.104 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

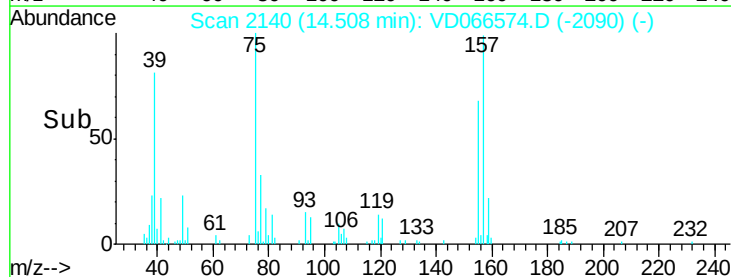
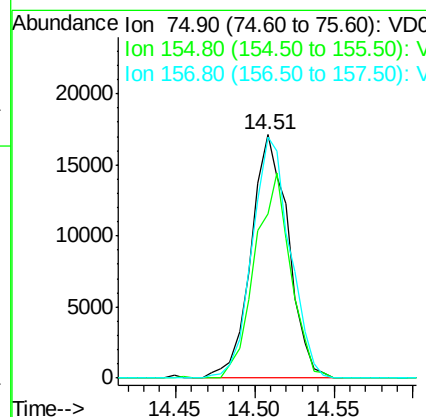
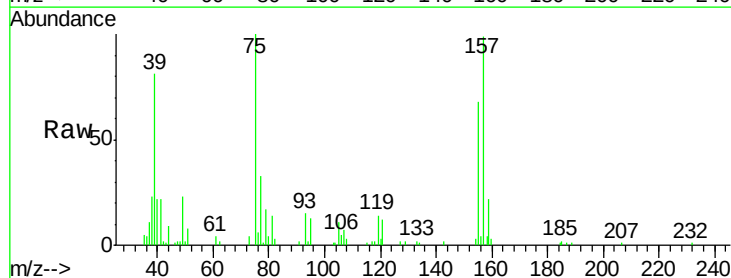
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

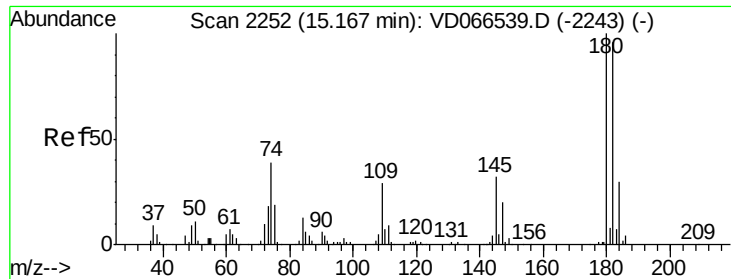
Tgt Ion: 146 Resp: 365534
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.4
 148 63.3 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.538 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 75 Resp: 28008
 Ion Ratio Lower Upper
 75 100
 155 80.7 39.3 117.8
 157 100.1 46.0 137.8

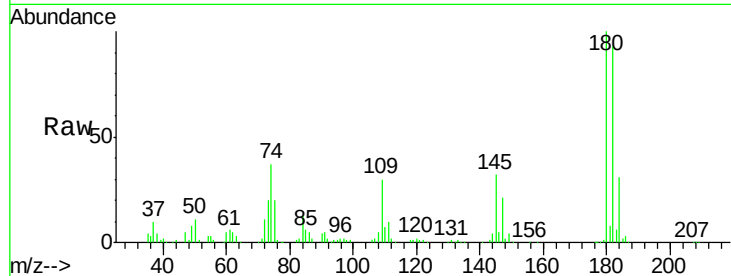




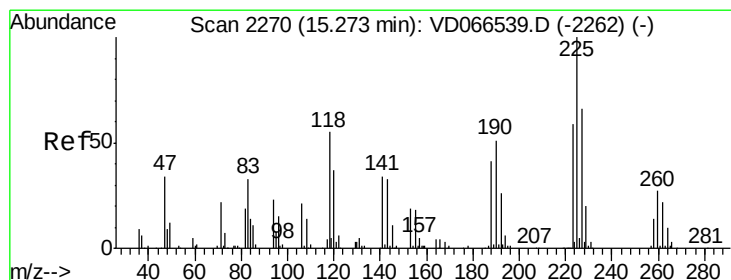
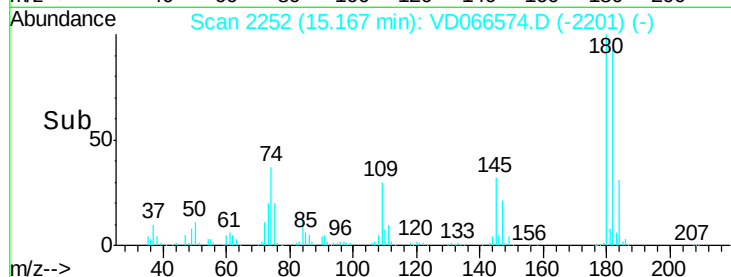
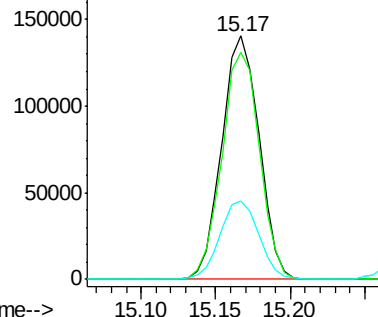
#93
 1,2,4-Trichlorobenzene
 Concen: 51.228 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.4	145.0
145	33.2	16.7	50.0

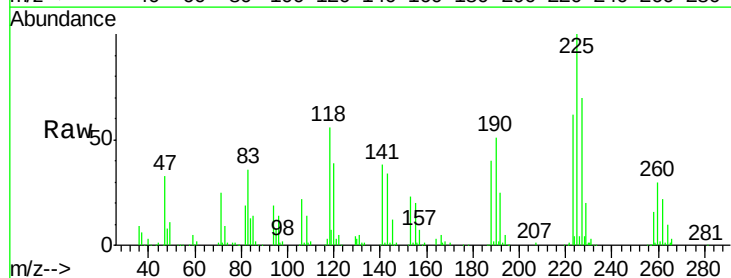


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

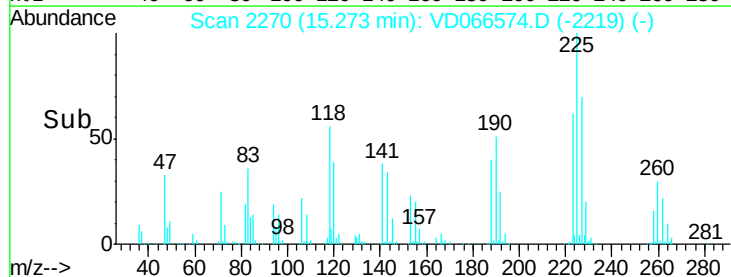
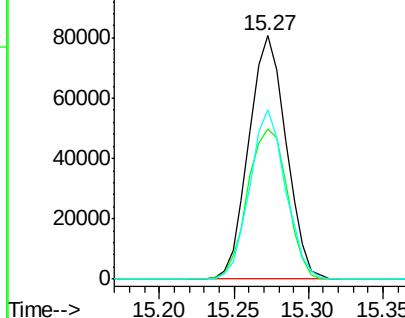


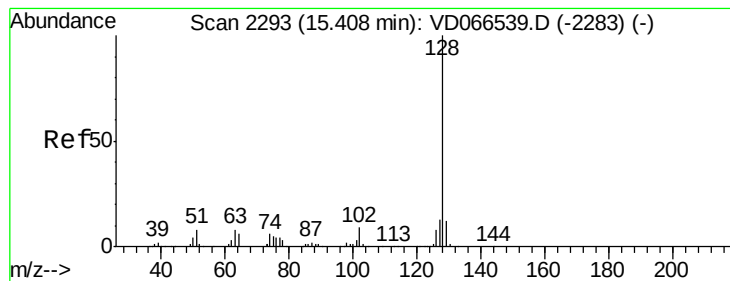
#94
 Hexachlorobutadiene
 Concen: 48.980 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066574.D
 Acq: 09 Sep 2020 11:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	30.5	91.5
227	66.5	32.4	97.2



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





#95

Naphthalene

Concen: 54.229 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

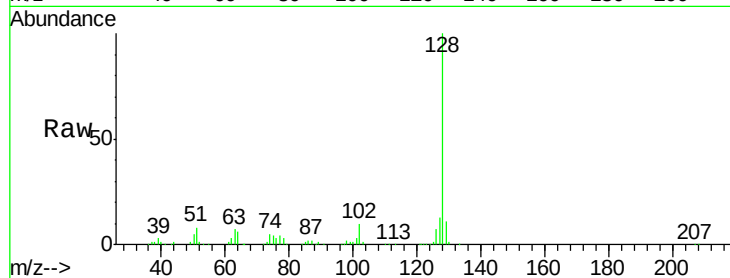
Tgt Ion:128 Resp: 450900

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

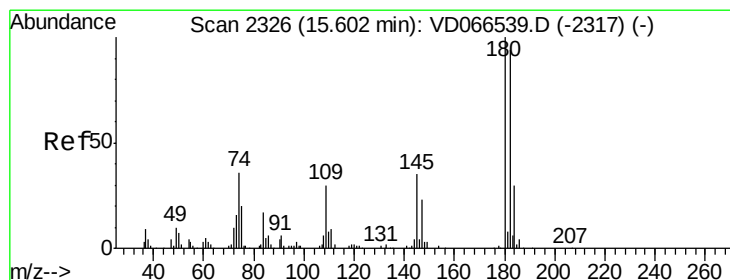
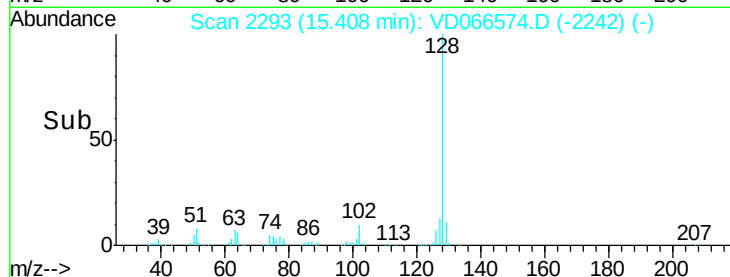
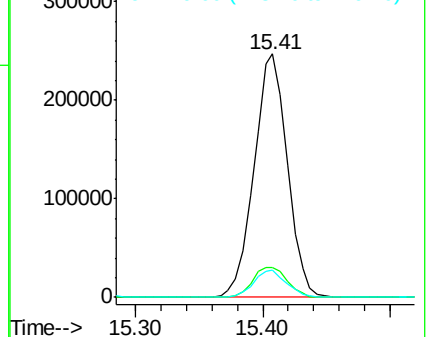
129 11.0 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.478 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066574.D

Acq: 09 Sep 2020 11:00

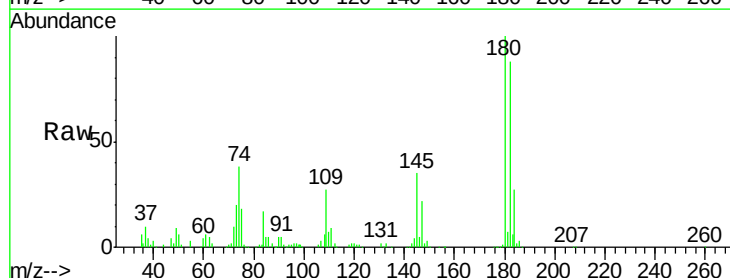
Tgt Ion:180 Resp: 208831

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 35.6 17.3 51.7



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

