

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066822.D
 Acq On : 22 Sep 2020 20:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 23 02:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	396960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	643729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	199565	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.91	113	197351	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	10.33	98	725454	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.63	95	245493	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	131638	47.236	ug/l	91
3) Chloromethane	2.20	50	171947	47.145	ug/l	95
4) Vinyl Chloride	2.35	62	174418	48.406	ug/l	99
5) Bromomethane	2.77	94	125270	49.463	ug/l	96
6) Chloroethane	2.92	64	111624	49.886	ug/l	94
7) Trichlorofluoromethane	3.27	101	335201	45.297	ug/l	99
8) Diethyl Ether	3.70	74	98035	52.183	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	199399	46.469	ug/l	98
10) Methyl Iodide	4.30	142	208484	55.059	ug/l	99
11) Tert butyl alcohol	5.23	59	53853	224.578	ug/l	96
12) 1,1-Dichloroethene	4.07	96	188406	48.469	ug/l	99
13) Acrolein	3.92	56	64100	223.644	ug/l	100
14) Allyl chloride	4.71	41	293922	51.494	ug/l	99
15) Acrylonitrile	5.41	53	216227	259.716	ug/l	99
16) Acetone	4.15	43	171981	208.664	ug/l	98
17) Carbon Disulfide	4.41	76	579531	48.766	ug/l	100
18) Methyl Acetate	4.71	43	99519	54.438	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	455340	53.941	ug/l	99
20) Methylene Chloride	4.96	84	262139	60.108	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	229449	50.979	ug/l	87
22) Diisopropyl ether	6.36	45	647994	55.214	ug/l	96
23) Vinyl Acetate	6.30	43	1526549	239.690	ug/l	99
24) 1,1-Dichloroethane	6.26	63	406106	51.725	ug/l	97
25) 2-Butanone	7.21	43	247291	249.671	ug/l	98
26) 2,2-Dichloropropane	7.20	77	323325	44.931	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	259720	53.109	ug/l	97
28) Bromochloromethane	7.54	49	178957	55.174	ug/l #	99
29) Tetrahydrofuran	7.56	42	164280	258.854	ug/l	98
30) Chloroform	7.71	83	437478	51.692	ug/l	97
31) Cyclohexane	7.98	56	324716	45.965	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	375922	49.103	ug/l	99
36) 1,1-Dichloropropene	8.11	75	316057	49.490	ug/l	99
37) Ethyl Acetate	7.29	43	123212	53.368	ug/l #	83
38) Carbon Tetrachloride	8.09	117	329073	47.131	ug/l	96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	360856	49.214	ug/l	96
40) Benzene	8.34	78	919870	51.682	ug/l	98
41) Methacrylonitrile	7.56	41	172358	121.398	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	269603	51.239	ug/l	100
43) Isopropyl Acetate	8.45	43	229403	51.539	ug/l	99
44) Trichloroethene	9.11	130	249557	49.191	ug/l	99
45) 1,2-Dichloropropane	9.38	63	226274	50.529	ug/l	99
46) Dibromomethane	9.47	93	126166	51.854	ug/l	99
47) Bromodichloromethane	9.66	83	335673	51.357	ug/l	98
48) Methyl methacrylate	9.45	41	122393	55.771	ug/l	93
49) 1,4-Dioxane	9.45	88	28546	1038.571	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	608984	270.014	ug/l	99
52) Toluene	10.40	92	600452	52.374	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	282422	50.768	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	343504	50.640	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	172669	51.623	ug/l	98
56) Ethyl methacrylate	10.66	69	197244	55.047	ug/l	96
57) 1,3-Dichloropropane	10.94	76	287897	52.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	413386	243.652	ug/l	99
59) 2-Hexanone	10.98	43	408898	268.840	ug/l	99
60) Dibromochloromethane	11.14	129	224049	51.324	ug/l	99
61) 1,2-Dibromoethane	11.24	107	162263	52.157	ug/l	100
64) Tetrachloroethene	10.87	164	219920	50.688	ug/l	97
65) Chlorobenzene	11.67	112	632987	50.416	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	239344	50.368	ug/l	99
67) Ethyl Benzene	11.74	91	1116073	50.613	ug/l	98
68) m/p-Xylenes	11.85	106	864193	103.510	ug/l	99
69) o-Xylene	12.18	106	399169	52.875	ug/l	98
70) Styrene	12.19	104	694017	52.937	ug/l	99
71) Bromoform	12.36	173	121356	50.440	ug/l #	99
73) Isopropylbenzene	12.48	105	1063889	51.845	ug/l	99
74) N-amyl acetate	12.29	43	208208	51.956	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	171743	48.502	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	236168	100.322	ug/l #	100
77) Bromobenzene	12.76	156	244563	50.957	ug/l	99
78) n-propylbenzene	12.82	91	1261960	51.118	ug/l	99
79) 2-Chlorotoluene	12.91	91	717004	50.966	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	912750	52.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	41663	44.279	ug/l	98
82) 4-Chlorotoluene	13.00	91	761199	51.329	ug/l	100
83) tert-Butylbenzene	13.23	119	751698	52.537	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	910162	52.714	ug/l	100
85) sec-Butylbenzene	13.40	105	1038380	50.468	ug/l	99
86) p-Isopropyltoluene	13.51	119	968365	52.214	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	470335	49.604	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	456760	48.502	ug/l	98
89) n-Butylbenzene	13.84	91	891650	50.582	ug/l	100
90) Hexachloroethane	14.11	117	177487	47.139	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	408379	50.342	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27197	47.746	ug/l	94

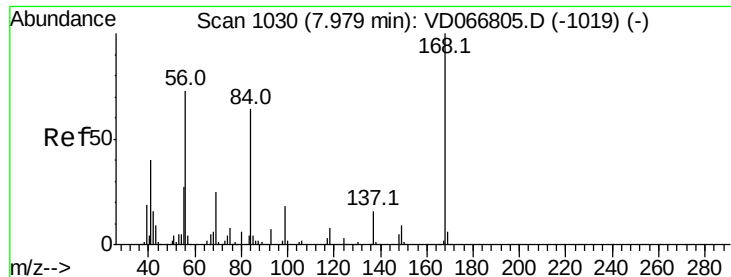
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092220\
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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	262136	51.332	ug/l	96
94) Hexachlorobutadiene	15.27	225	149326	48.797	ug/l	98
95) Naphthalene	15.40	128	465365	53.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	227882	51.702	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

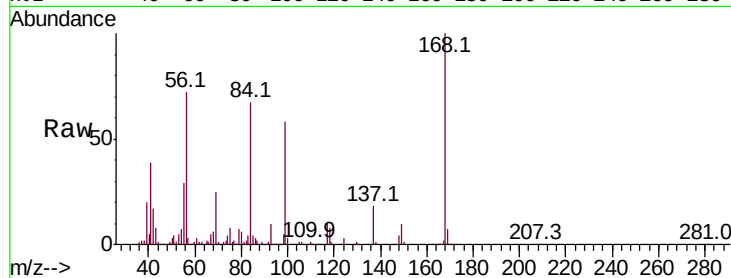
VSTDCCC050EC

Tot Ion:168 Resp: 396960

Ion Ratio Lower Upper

168 100

99 57.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

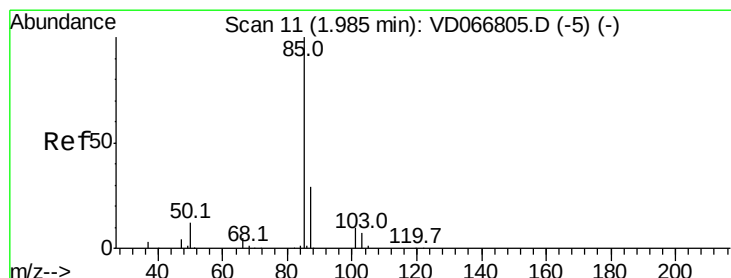
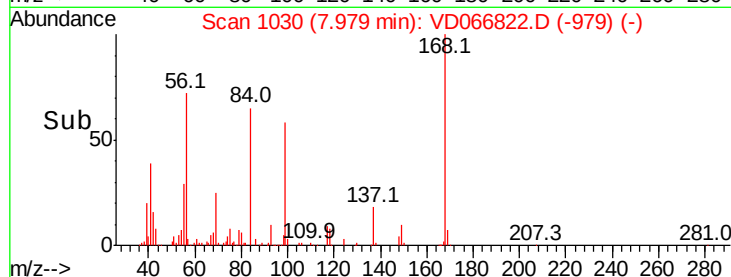
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.236 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066822.D

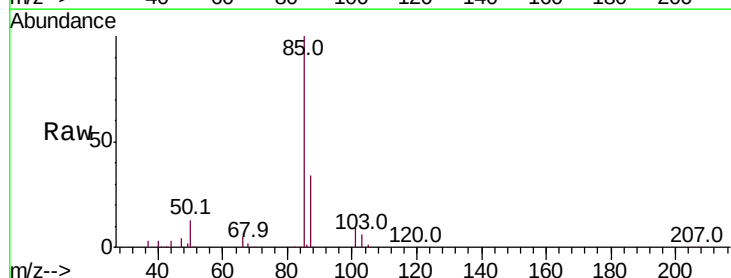
Acq: 22 Sep 2020 20:25

Tgt Ion: 85 Resp: 131638

Ion Ratio Lower Upper

85 100

87 34.1 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

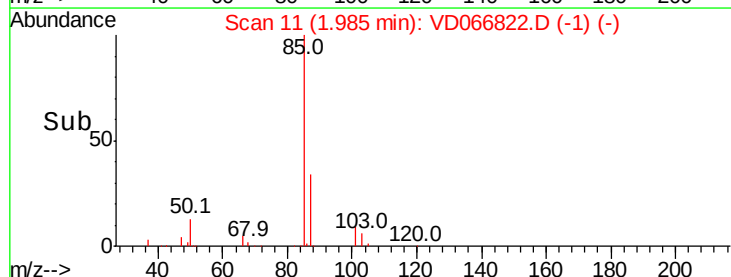
40000

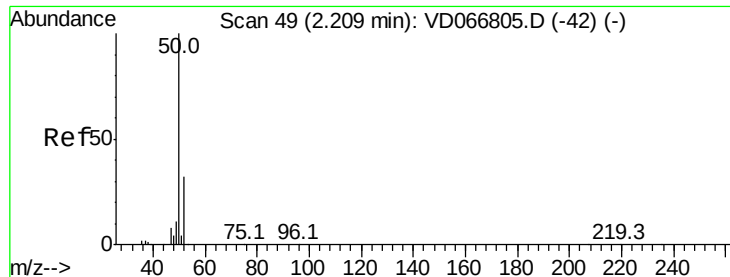
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 47.145 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

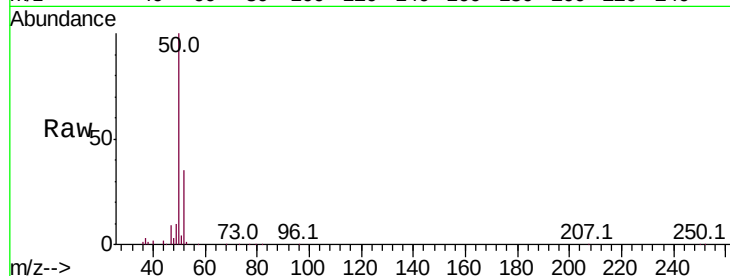
VSTDCCC050EC

Tot Ion: 50 Resp: 171947

Ion Ratio Lower Upper

50 100

52 34.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

150000

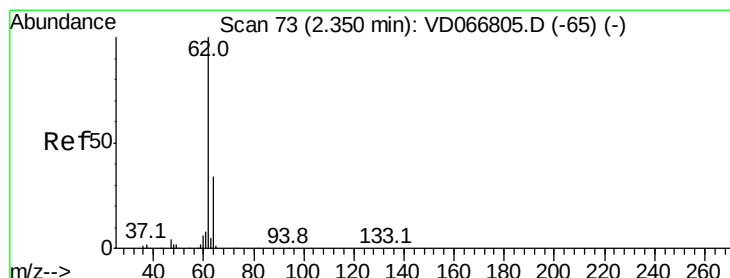
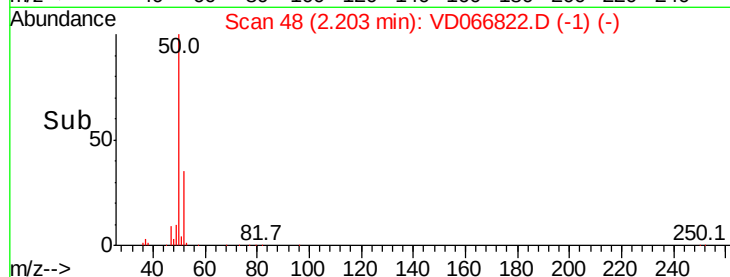
100000

50000

0

Time-->

2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 48.406 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066822.D

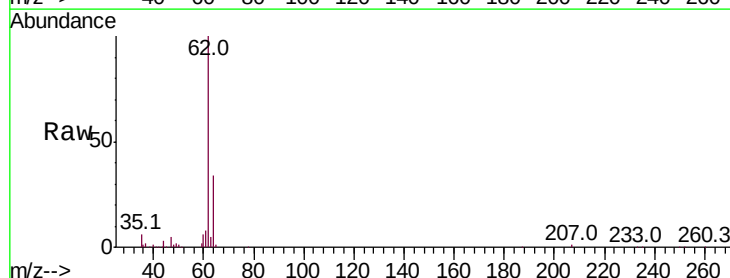
Acq: 22 Sep 2020 20:25

Tgt Ion: 62 Resp: 174418

Ion Ratio Lower Upper

62 100

64 34.3 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

120000

100000

80000

60000

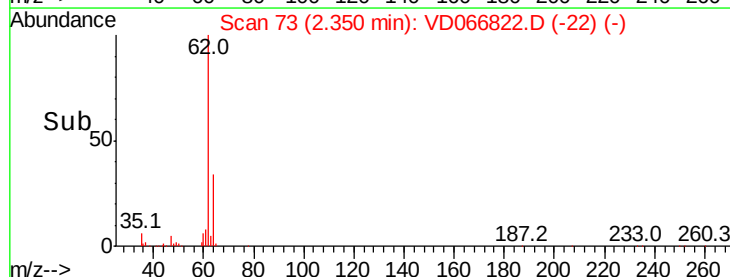
40000

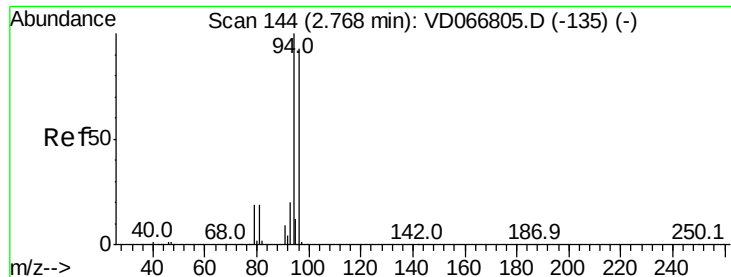
20000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 49.463 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

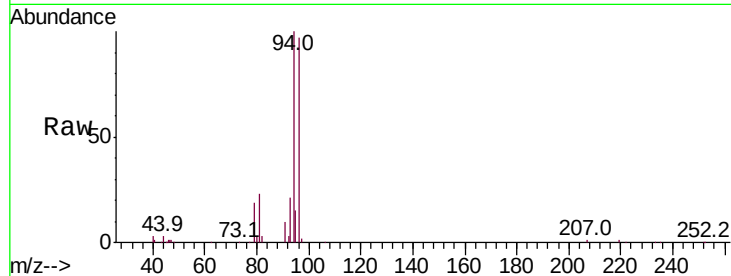
VSTDCCC050EC

Tot Ion: 94 Resp: 125270

Ion Ratio Lower Upper

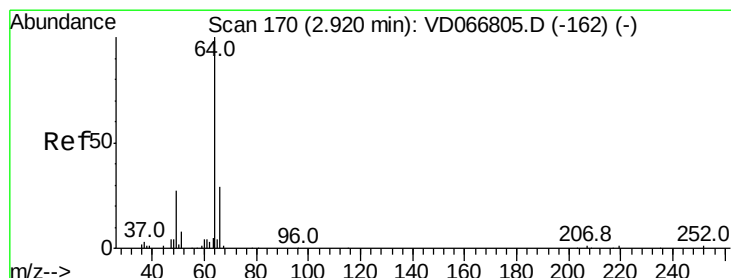
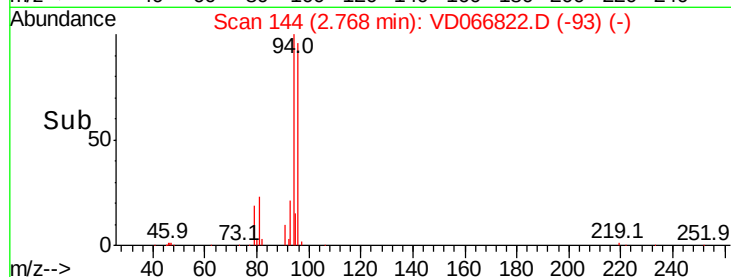
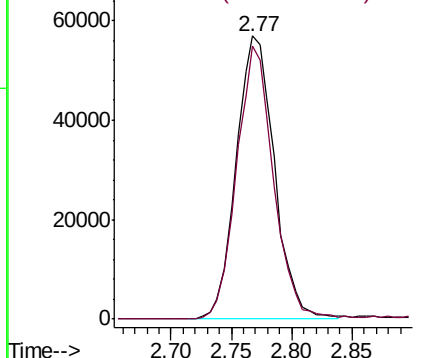
94 100

96 96.6 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.886 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066822.D

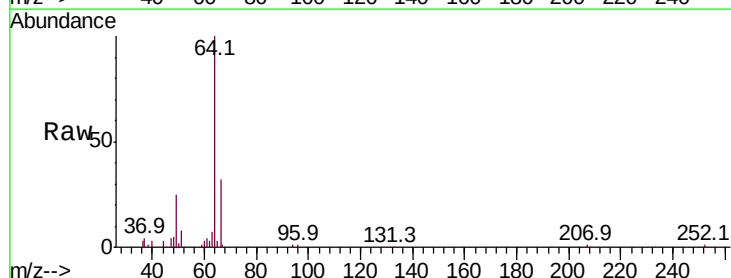
Acq: 22 Sep 2020 20:25

Tgt Ion: 64 Resp: 111624

Ion Ratio Lower Upper

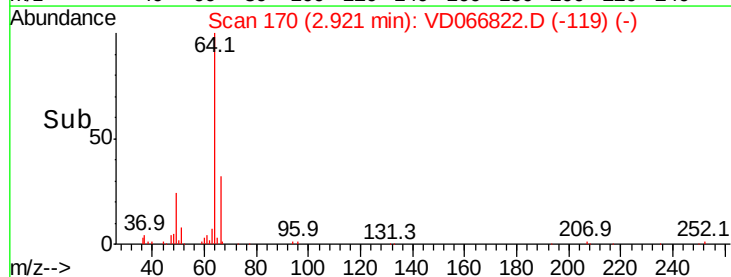
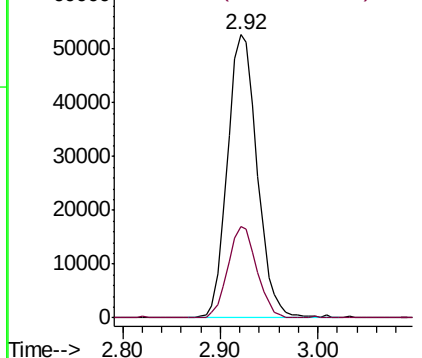
64 100

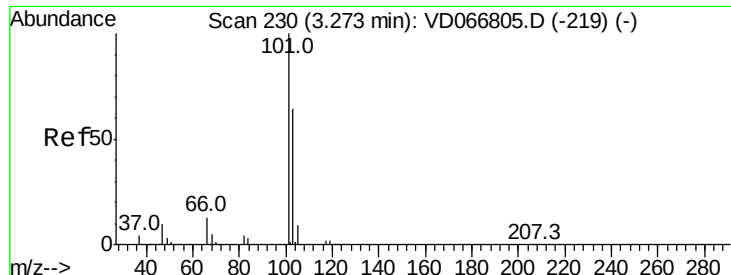
66 32.3 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



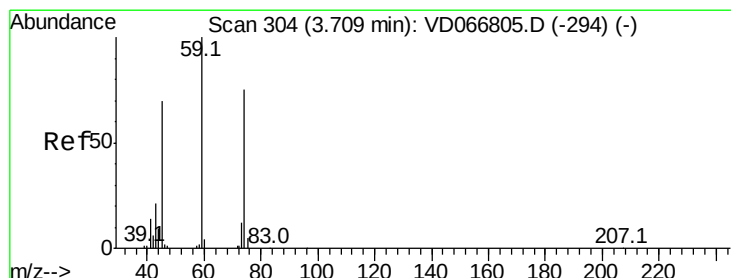
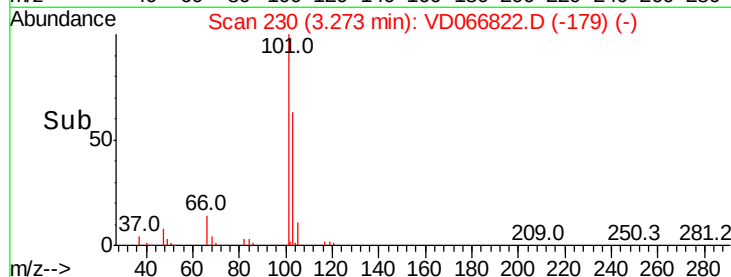
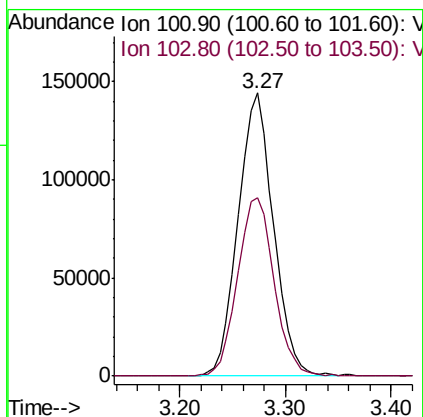
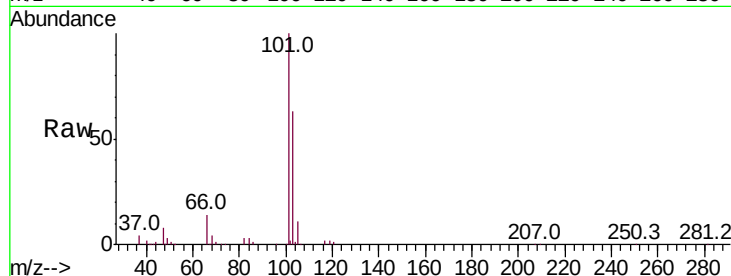


#7

Trichlorofluoromethane
 Concen: 45.297 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

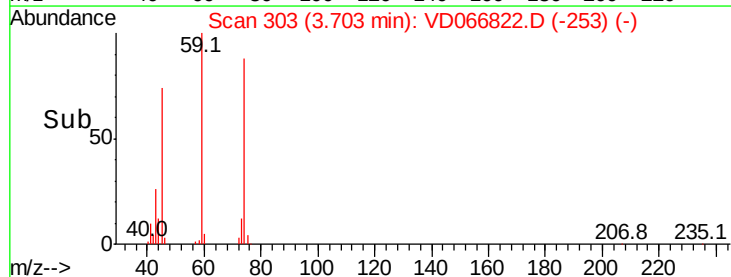
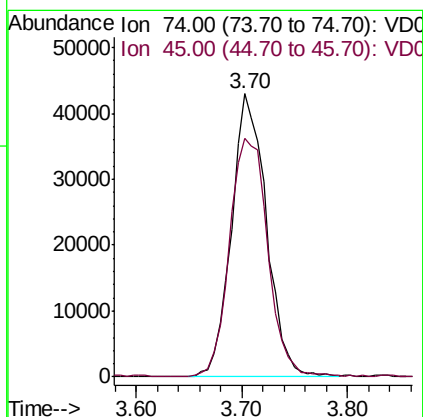
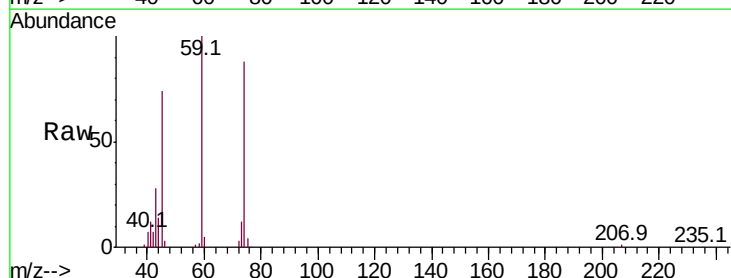
Tot Ion:101 Resp: 335201
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.0 76.6

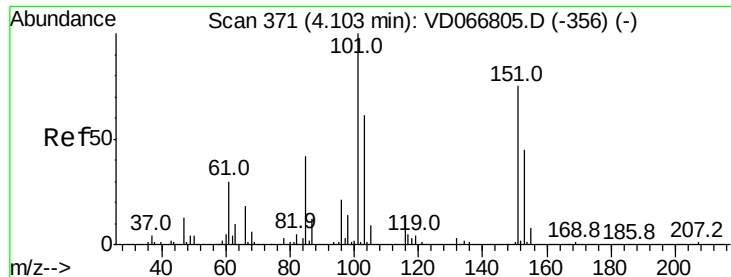


#8

Diethyl Ether
 Concen: 52.183 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion: 74 Resp: 98035
 Ion Ratio Lower Upper
 74 100
 45 92.6 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.469 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

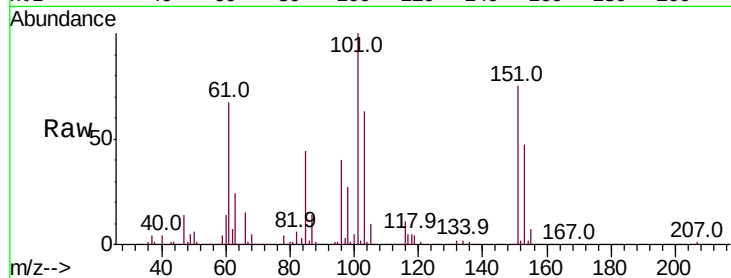
Tot Ion:101 Resp: 199399

Ion Ratio Lower Upper

101 100

85 44.8 35.4 53.2

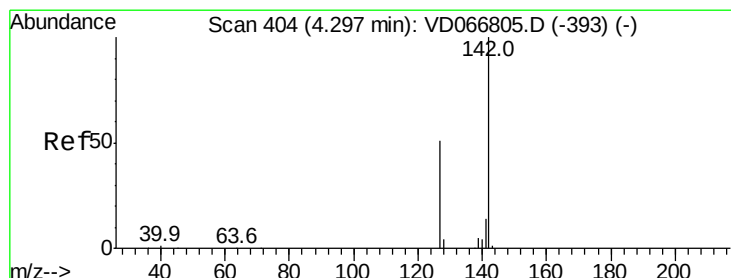
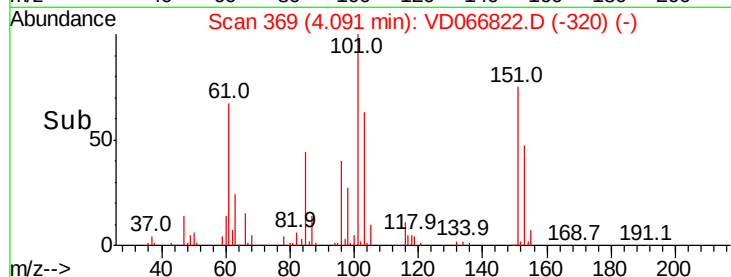
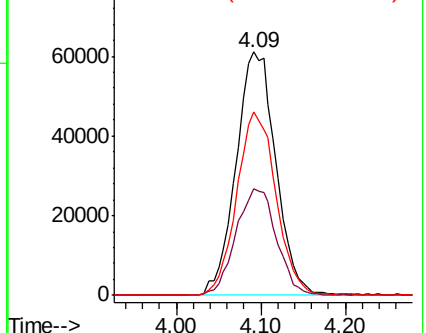
151 74.4 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.059 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

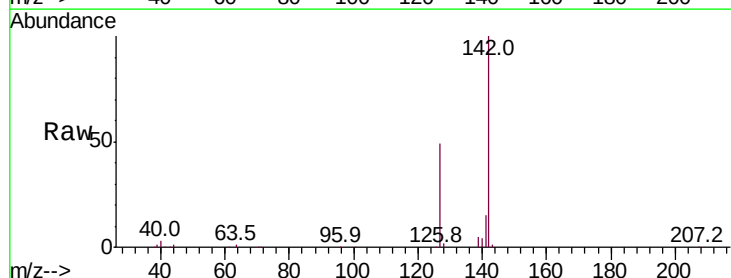
Tgt Ion:142 Resp: 208484

Ion Ratio Lower Upper

142 100

127 47.9 39.4 59.0

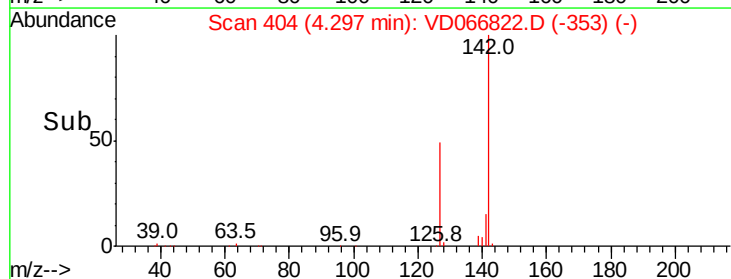
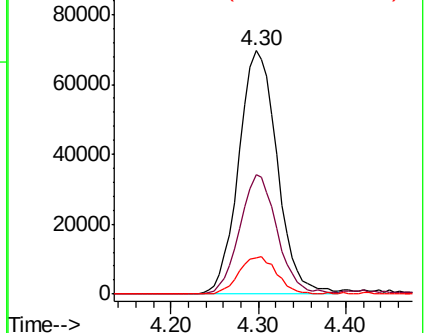
141 15.1 12.1 18.1

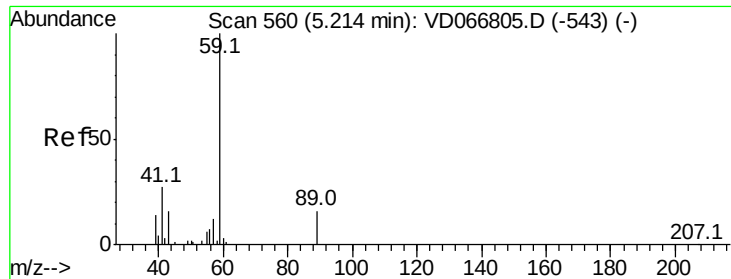


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

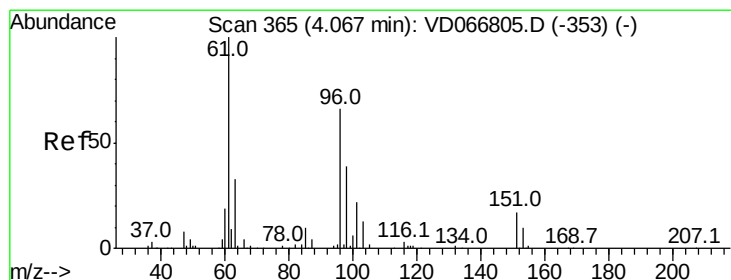
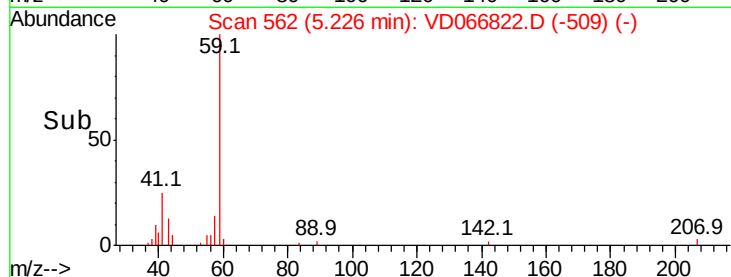
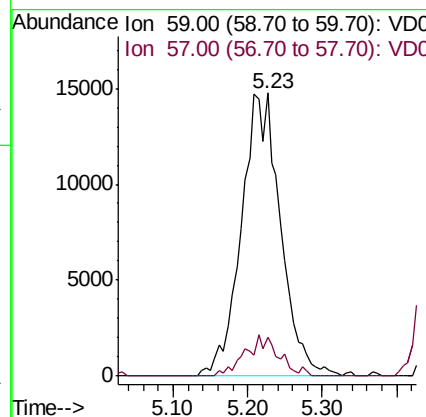
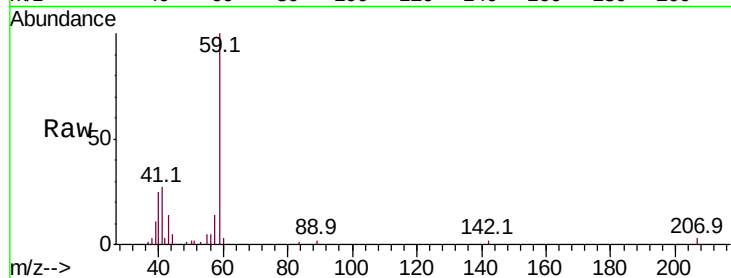




#11
Tert butyl alcohol
Concen: 224.578 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

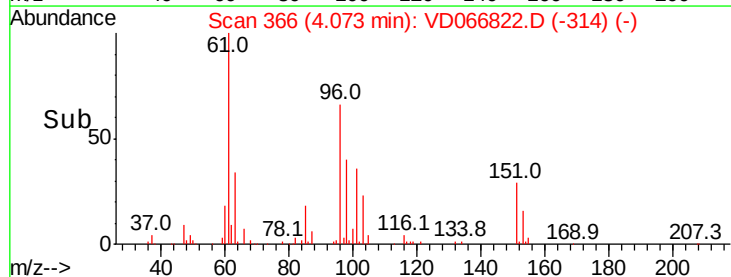
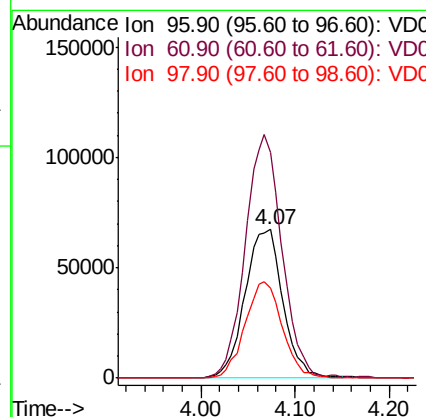
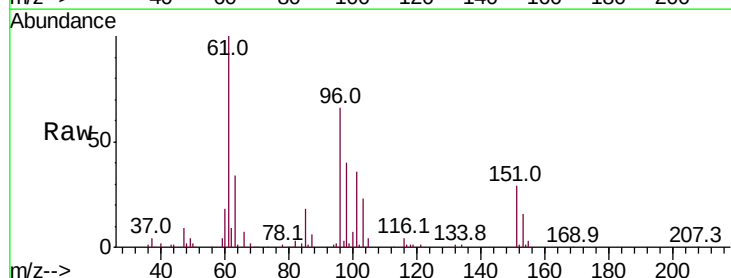
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

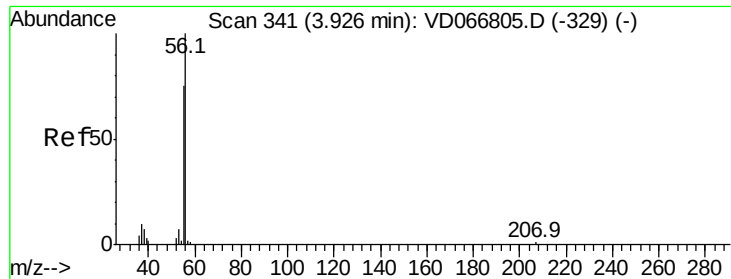
Tot Ion: 59 Resp: 53853
Ion Ratio Lower Upper
59 100
57 12.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.469 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 96 Resp: 188406
Ion Ratio Lower Upper
96 100
61 151.7 120.8 181.2
98 60.4 47.7 71.5

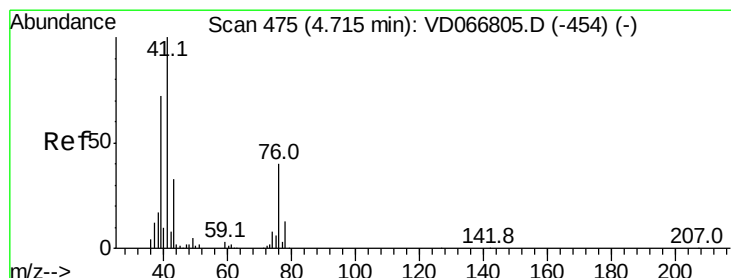
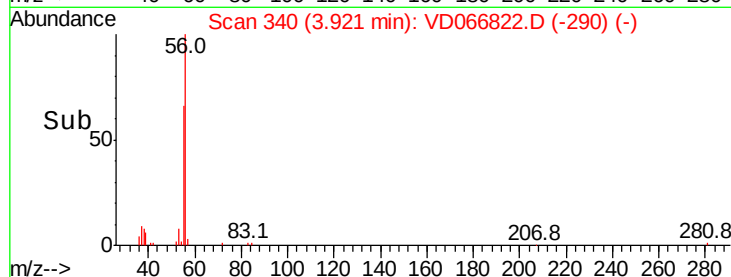
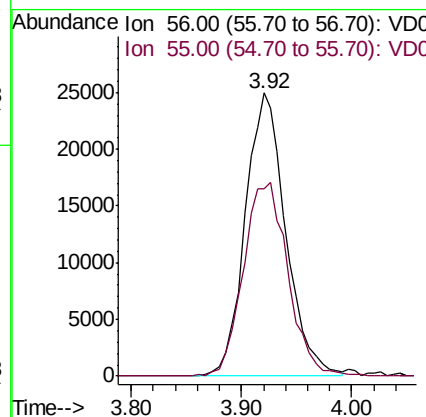
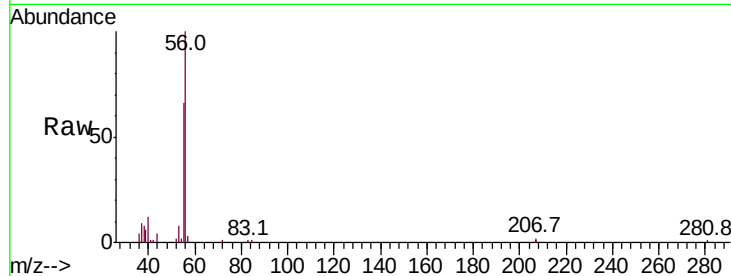




#13
Acrolein
Concen: 223.644 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

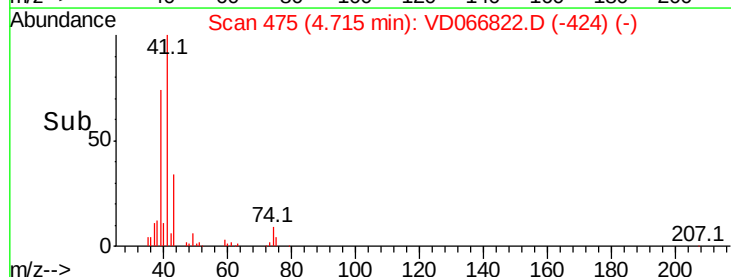
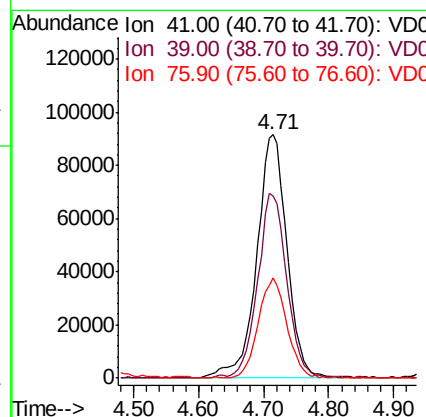
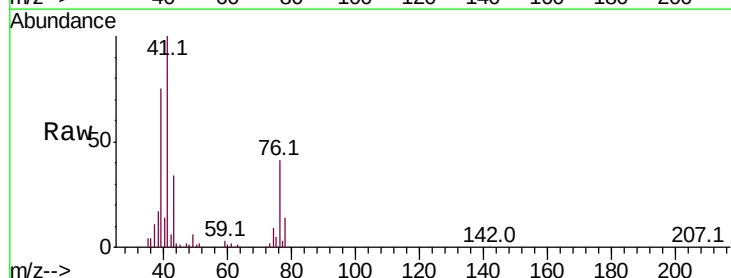
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

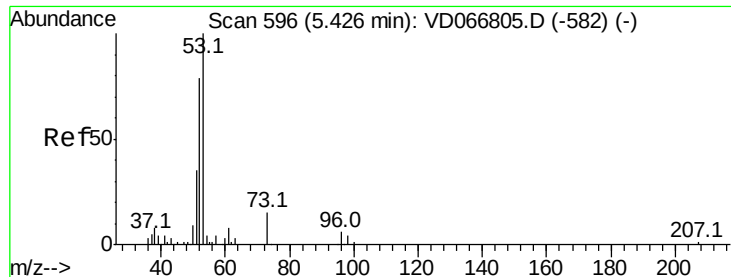
Tot Ion: 56 Resp: 64100
Ion Ratio Lower Upper
56 100
55 75.5 60.3 90.5



#14
Allyl chloride
Concen: 51.494 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 41 Resp: 293922
Ion Ratio Lower Upper
41 100
39 73.5 57.8 86.8
76 38.3 30.9 46.3





#15

Acrylonitrile

Concen: 259.716 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

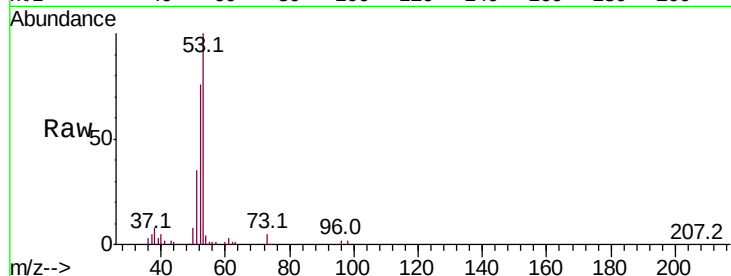
Tot Ion: 53 Resp: 216227

Ion Ratio Lower Upper

53 100

52 80.5 65.2 97.8

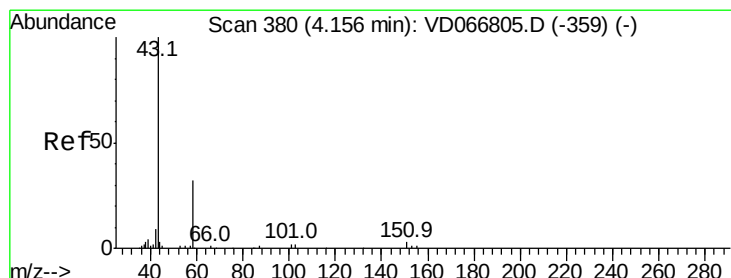
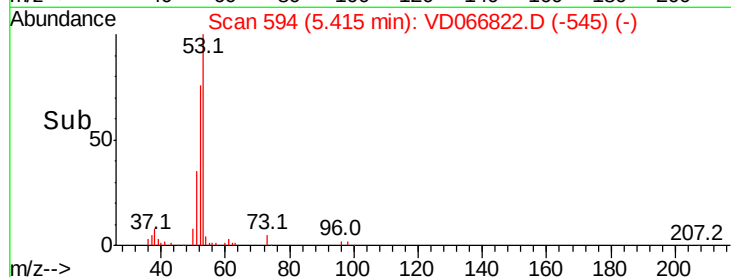
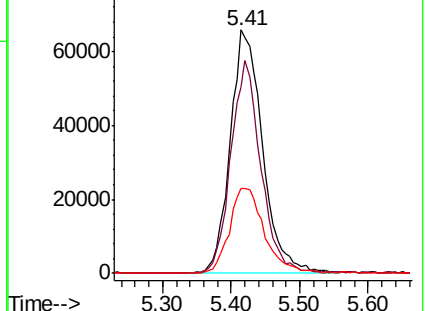
51 37.5 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 208.664 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066822.D

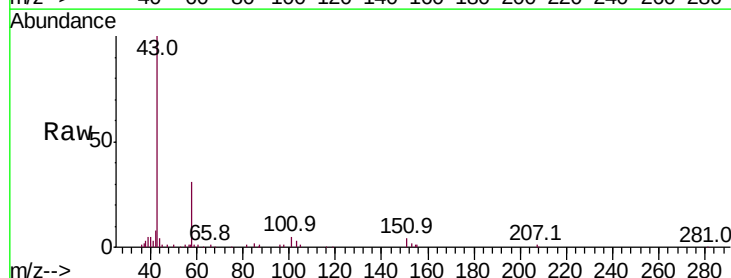
Acq: 22 Sep 2020 20:25

Tgt Ion: 43 Resp: 171981

Ion Ratio Lower Upper

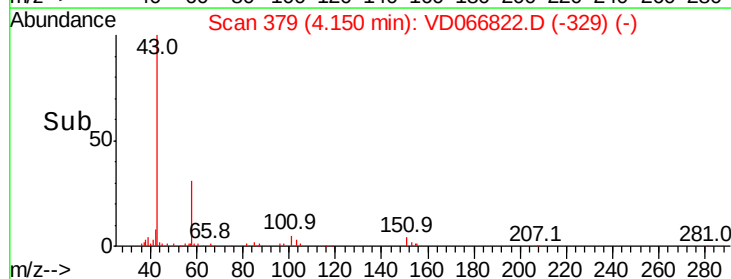
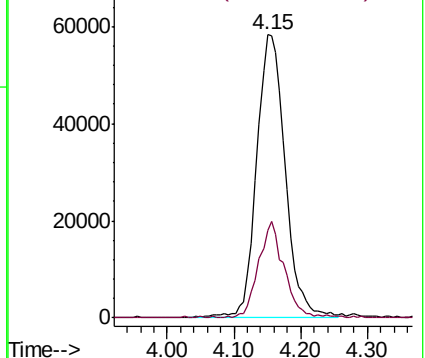
43 100

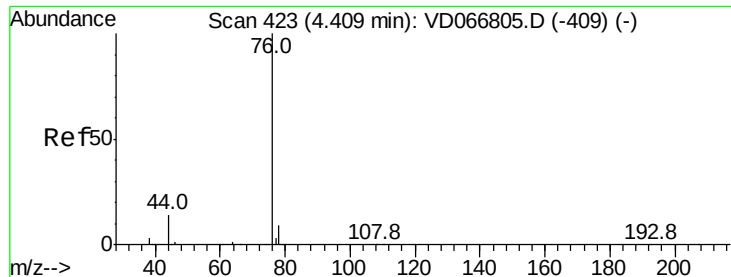
58 30.9 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

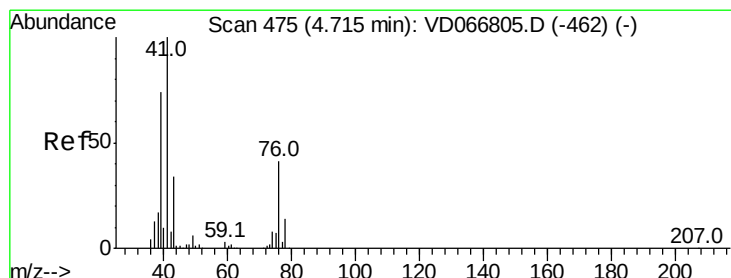
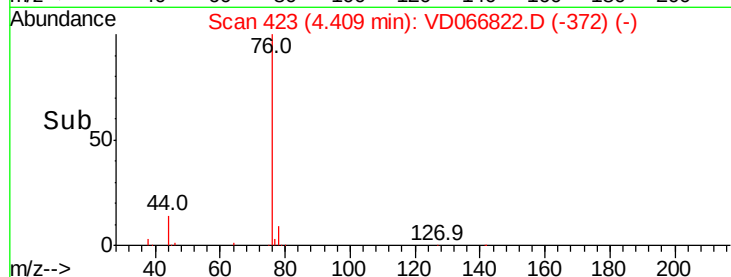
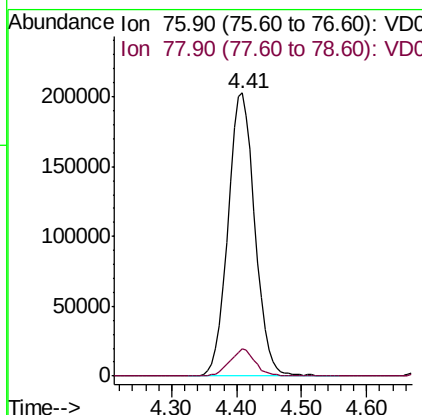
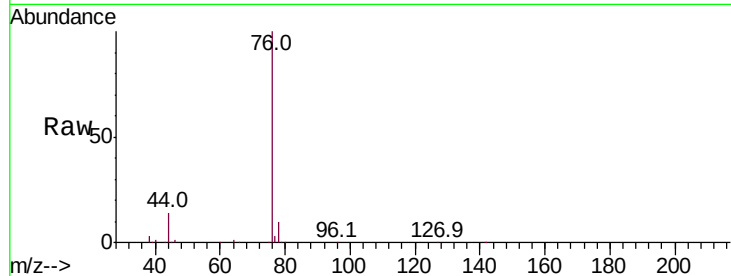




#17
Carbon Disulfide
Concen: 48.766 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

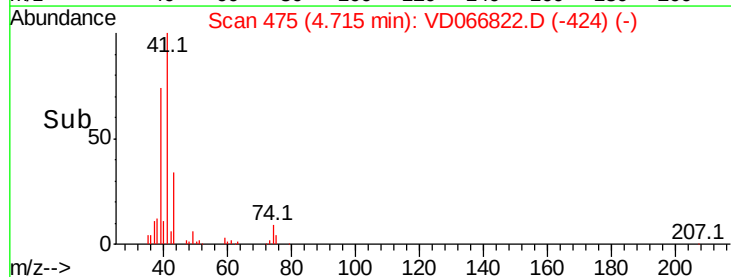
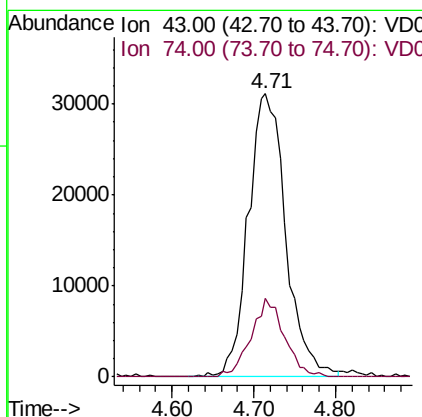
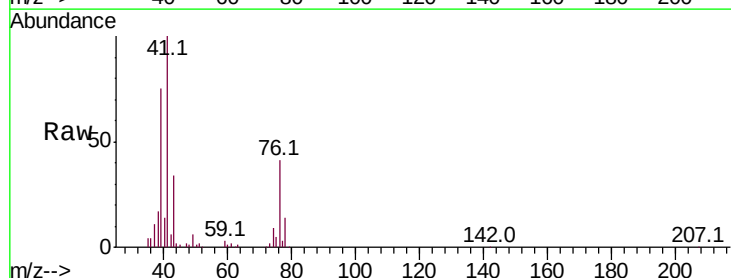
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

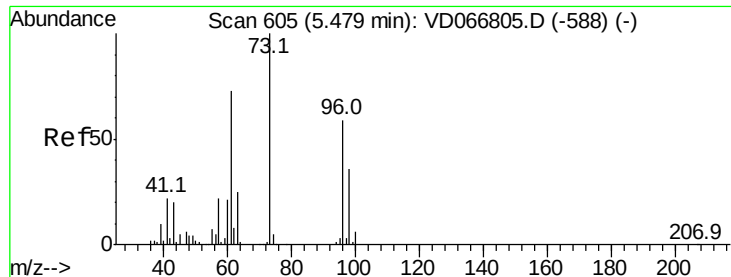
Tot Ion: 76 Resp: 579531
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 54.438 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 43 Resp: 99519
Ion Ratio Lower Upper
43 100
74 24.4 20.3 30.5

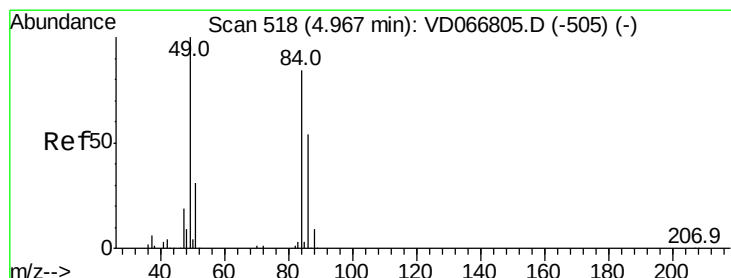
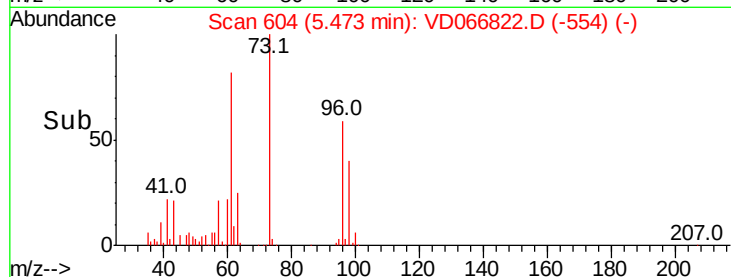
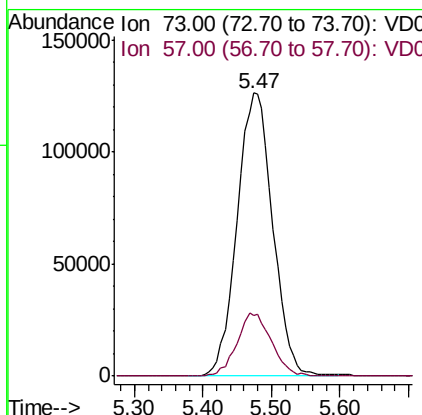
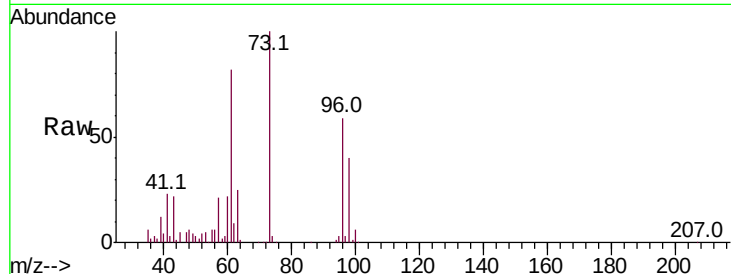




#19
Methyl tert-butyl Ether
Concen: 53.941 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

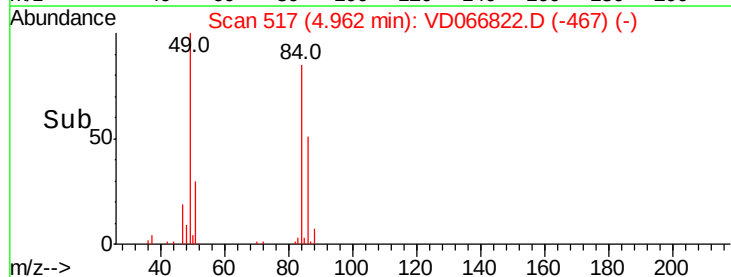
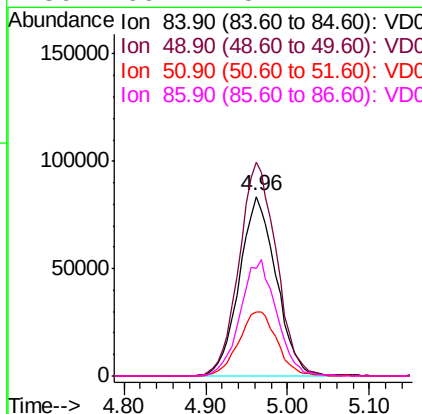
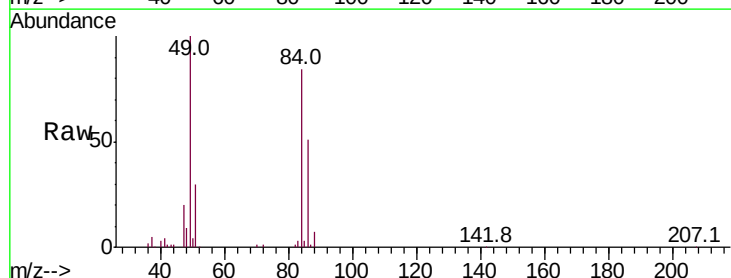
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

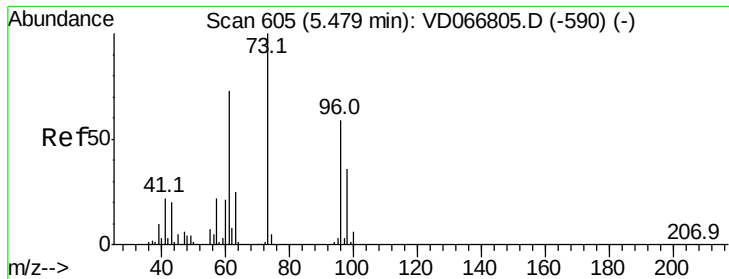
Tot Ion: 73 Resp: 455340
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2



#20
Methylene Chloride
Concen: 60.108 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 84 Resp: 262139
Ion Ratio Lower Upper
84 100
49 118.9 95.4 143.2
51 35.4 29.7 44.5
86 60.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.979 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

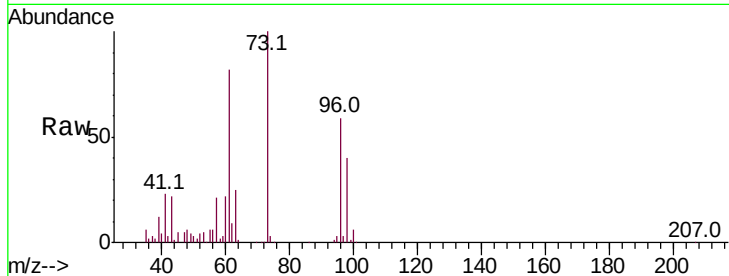
Tot Ion: 96 Resp: 229449

Ion Ratio Lower Upper

96 100

61 140.2 98.9 148.3

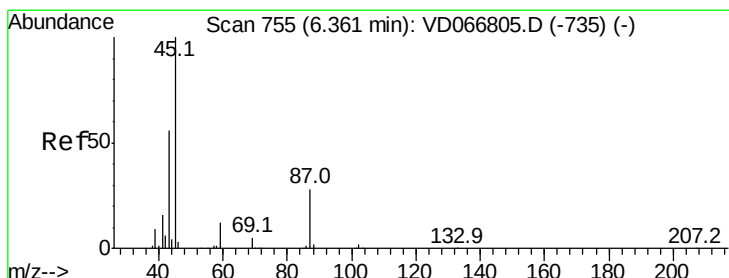
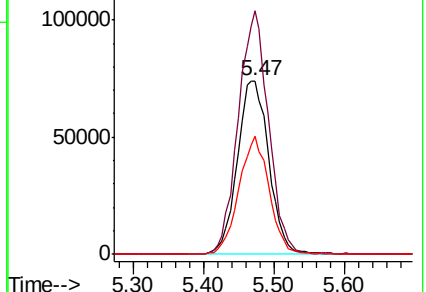
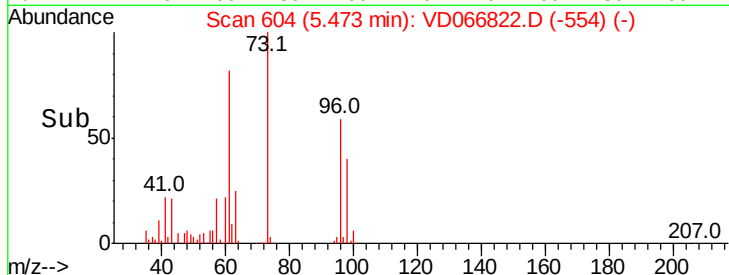
98 68.0 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 55.214 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion: 45 Resp: 647994

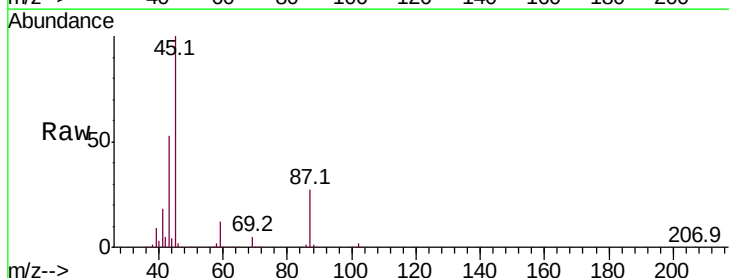
Ion Ratio Lower Upper

45 100

43 52.4 44.5 66.7

87 26.5 22.9 34.3

59 11.8 9.4 14.0

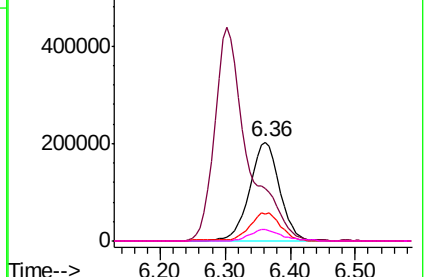
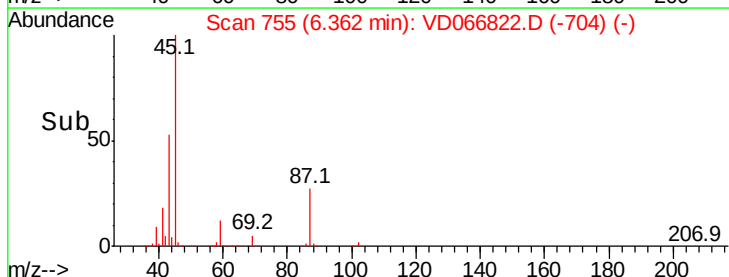


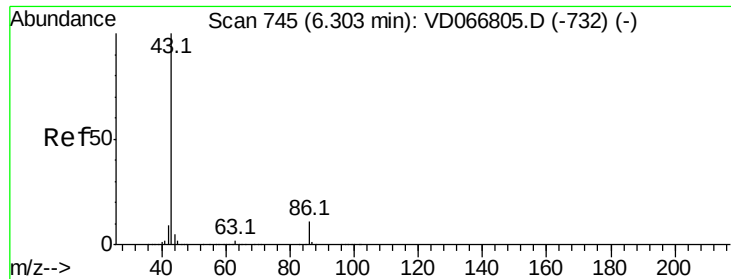
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 239.690 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

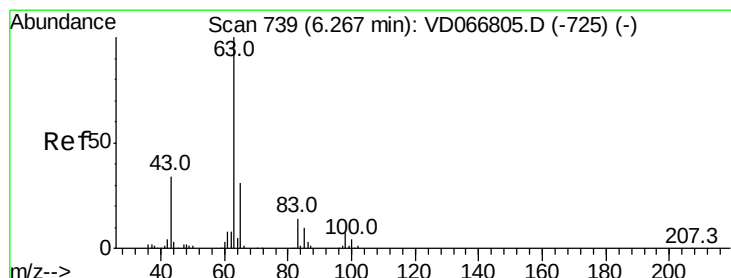
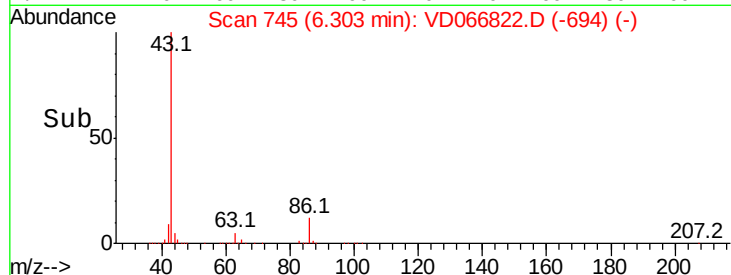
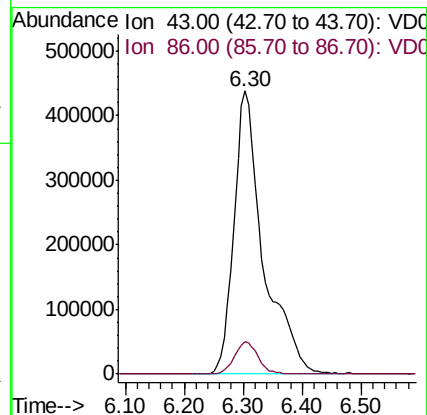
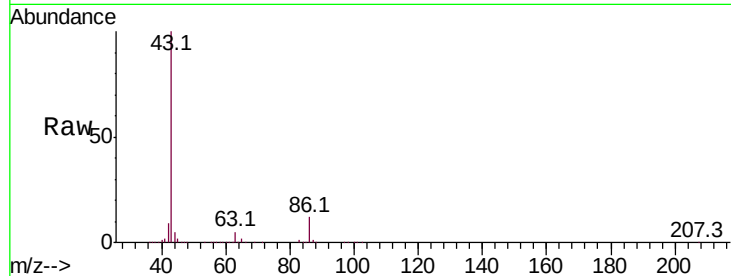
VSTDCCC050EC

Tot Ion: 43 Resp: 1526549

Ion Ratio Lower Upper

43 100

86 11.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.725 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

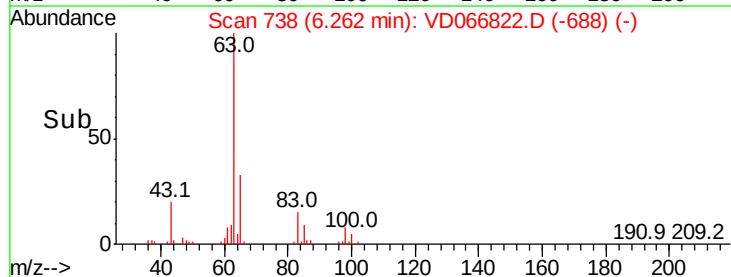
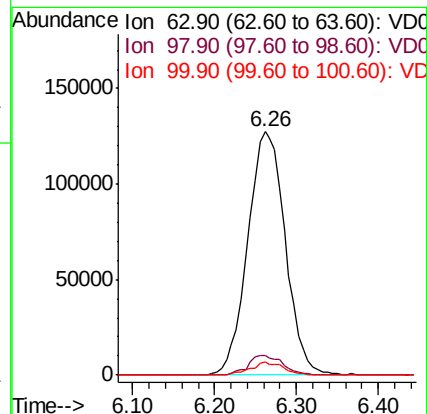
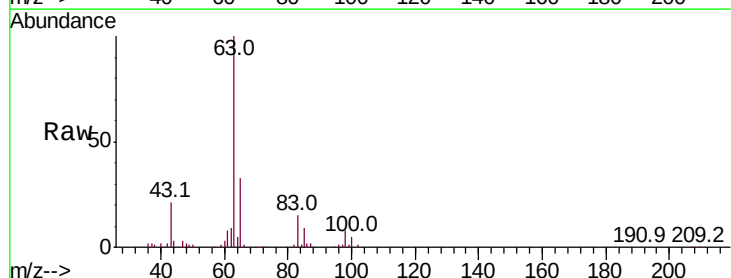
Tgt Ion: 63 Resp: 406106

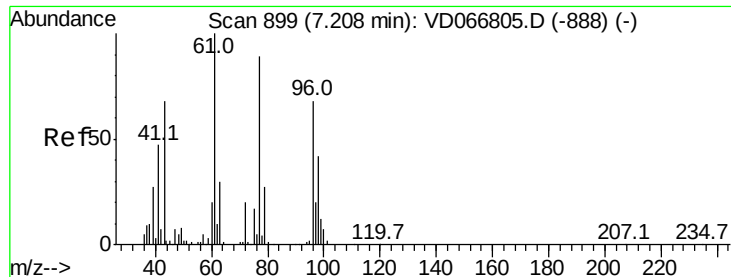
Ion Ratio Lower Upper

63 100

98 7.9 3.7 11.1

100 5.3 1.8 5.5





#25

2-Butanone

Concen: 249.671 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

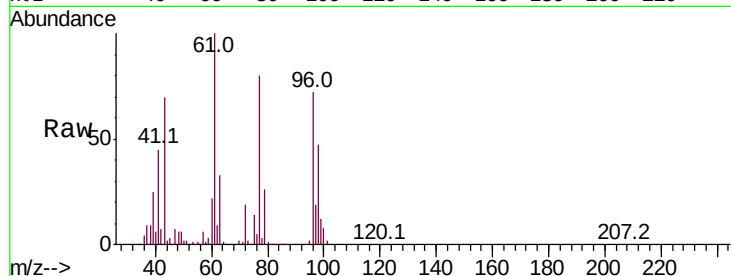
VSTDCCC050EC

Tot Ion: 43 Resp: 247291

Ion Ratio Lower Upper

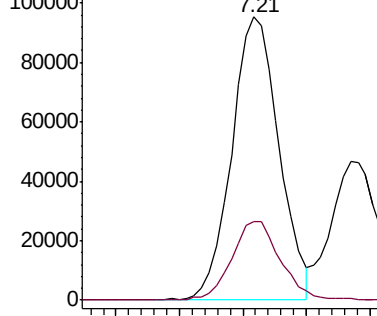
43 100

72 27.8 22.9 34.3

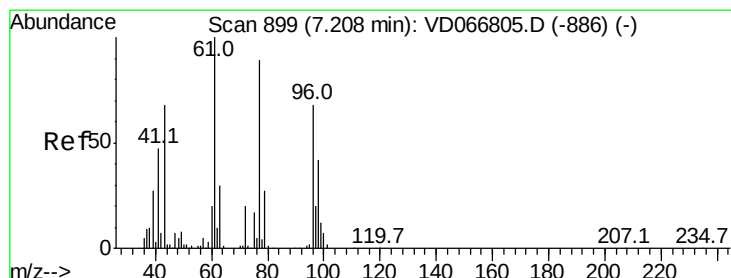
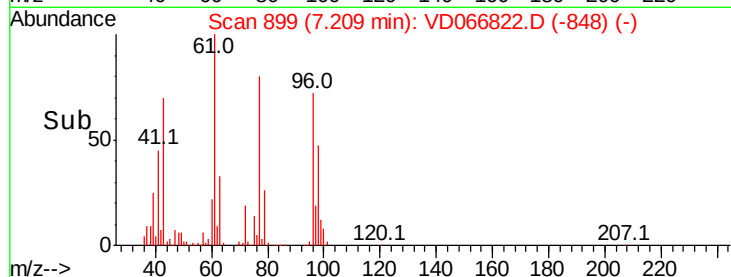


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 44.931 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066822.D

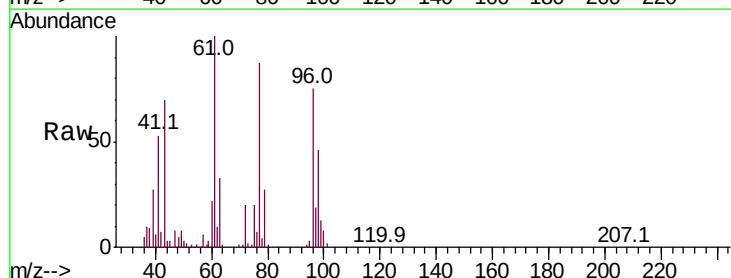
Acq: 22 Sep 2020 20:25

Tgt Ion: 77 Resp: 323325

Ion Ratio Lower Upper

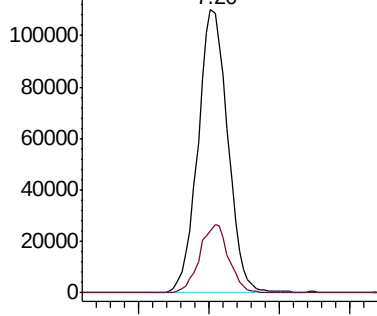
77 100

97 23.4 11.7 35.1

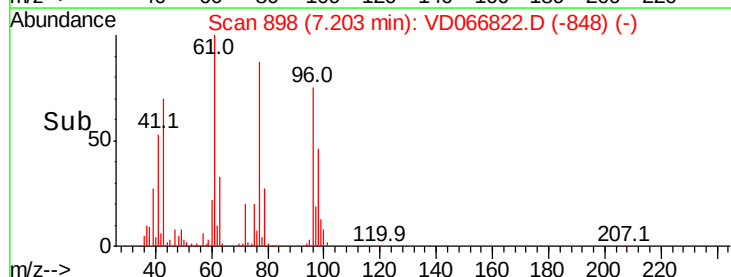


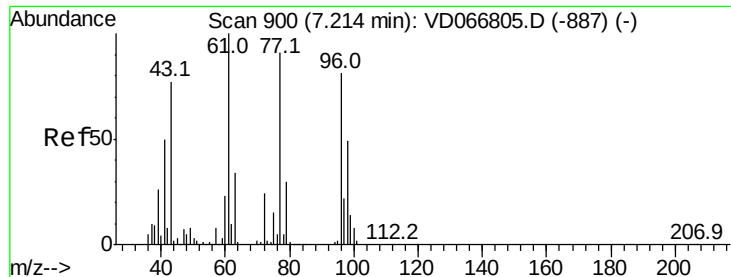
Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



Time-->

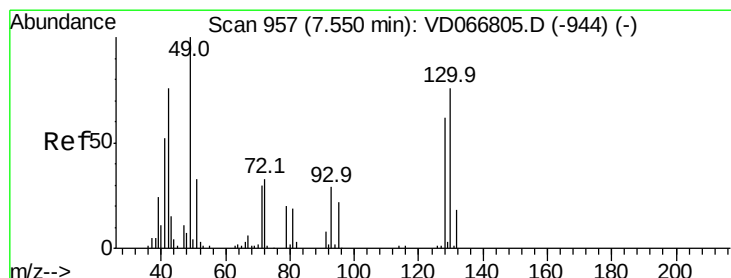
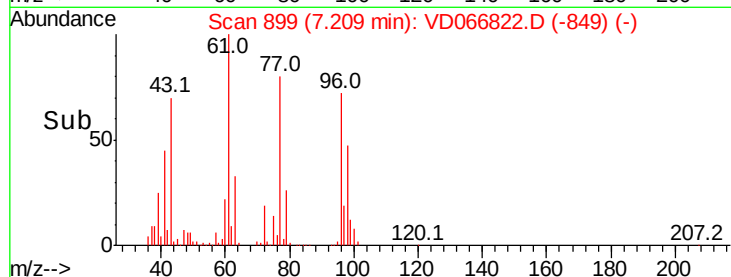
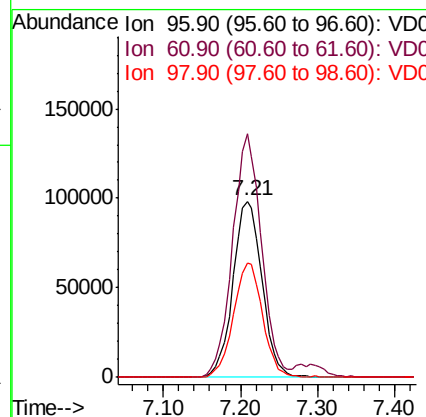
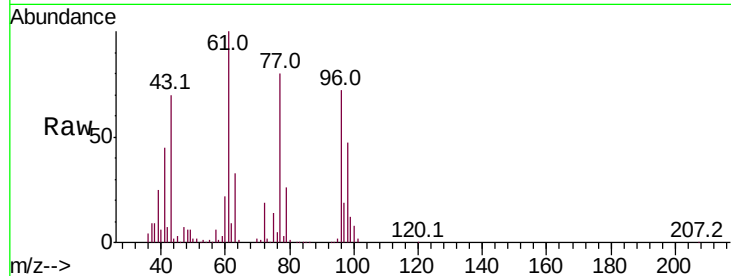




#27
 cis-1,2-Dichloroethene
 Concen: 53.109 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

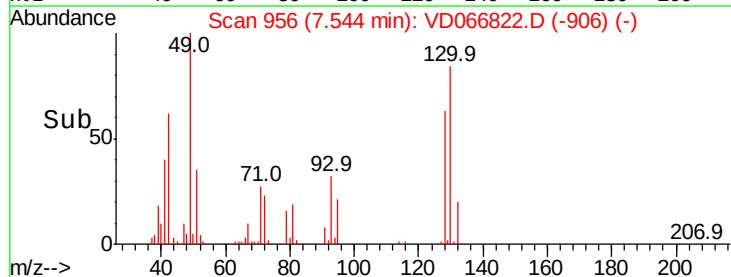
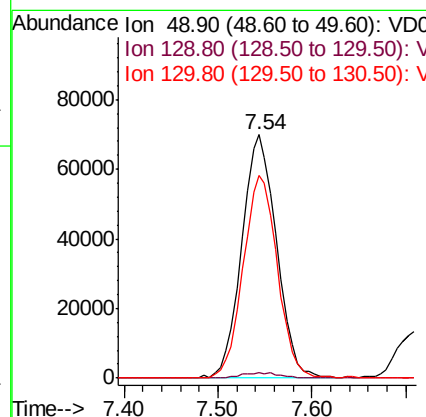
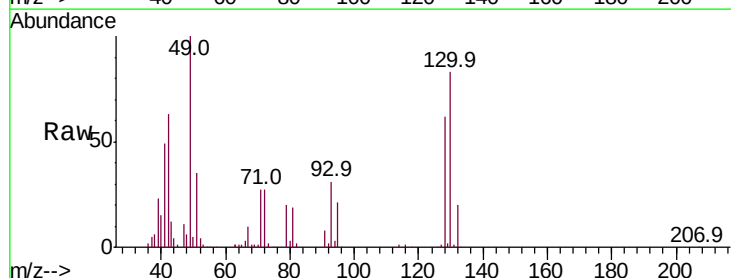
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

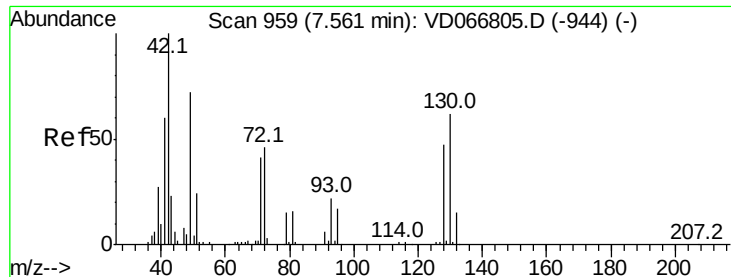
Tot Ion: 96 Resp: 259720
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 283.8
 98 64.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 55.174 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion: 49 Resp: 178957
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.0#
 130 81.9 65.9 98.9





#29

Tetrahydrofuran

Concen: 258.854 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

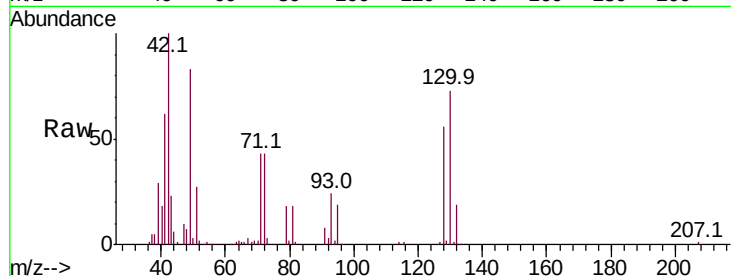
Tot Ion: 42 Resp: 164280

Ion Ratio Lower Upper

42 100

72 45.5 36.2 54.4

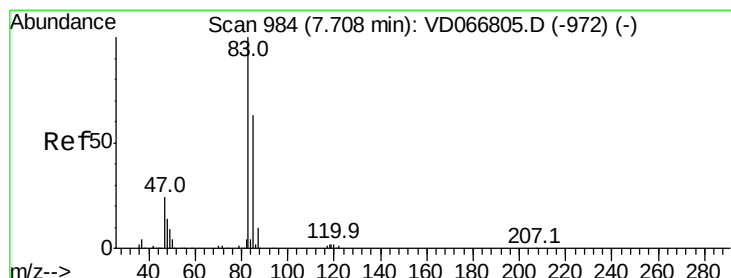
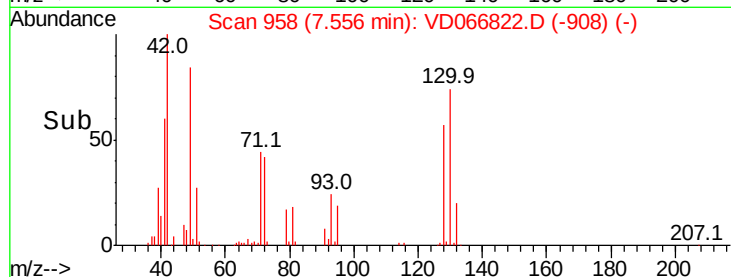
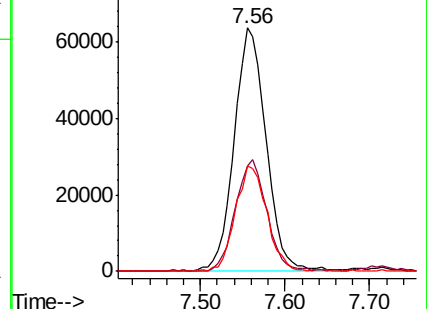
71 43.0 32.4 48.6



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: 51.692 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066822.D

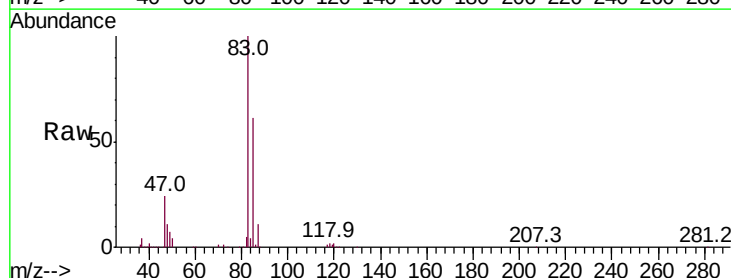
Acq: 22 Sep 2020 20:25

Tgt Ion: 83 Resp: 437478

Ion Ratio Lower Upper

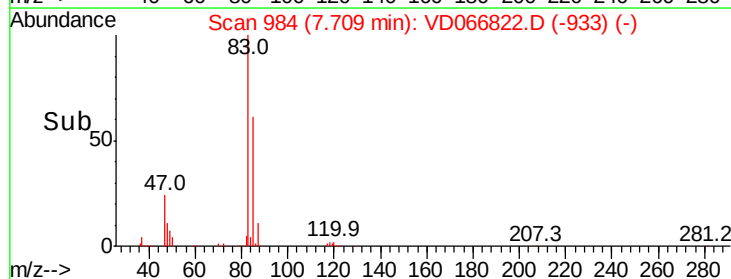
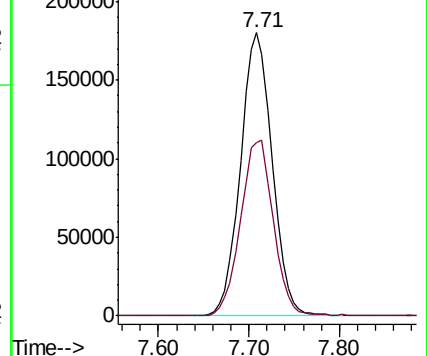
83 100

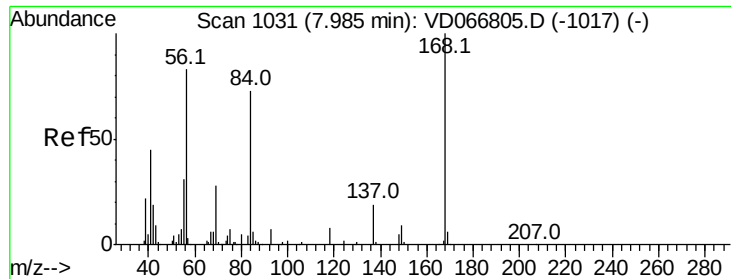
85 61.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

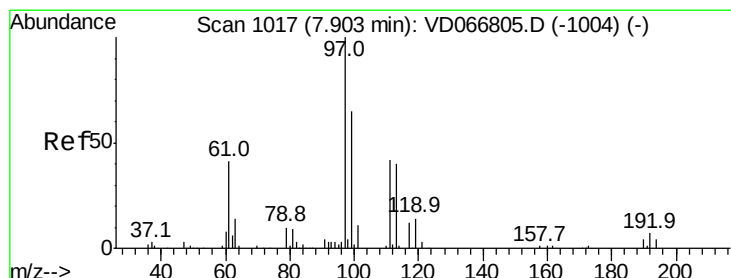
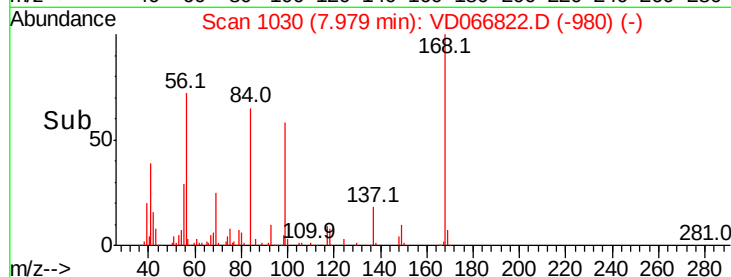
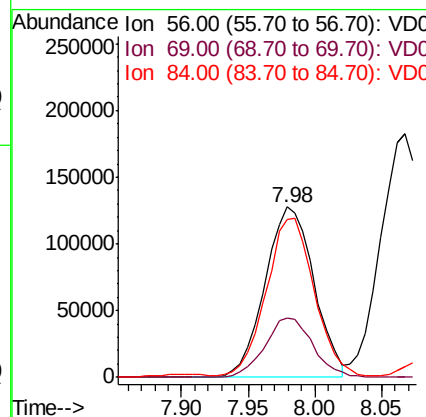
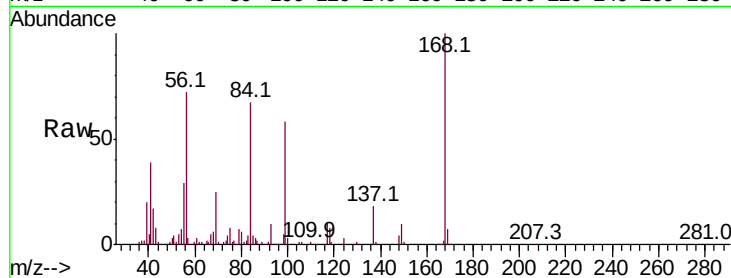




#31
Cyclohexane
Concen: 45.965 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

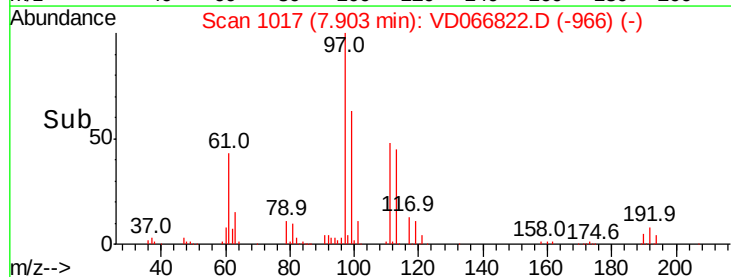
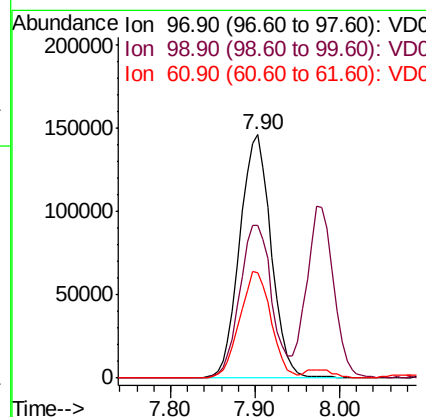
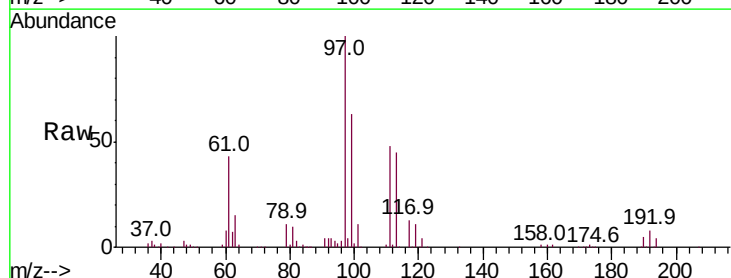
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

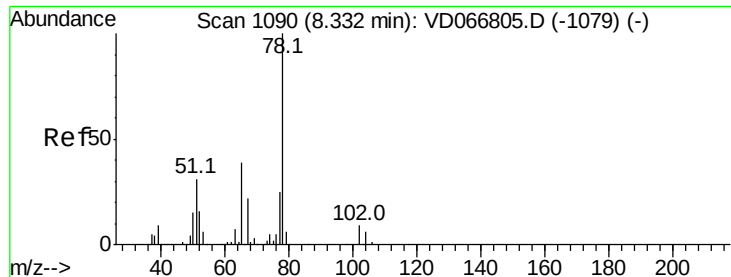
Tot Ion: 56 Resp: 324716
Ion Ratio Lower Upper
56 100
69 35.0 27.0 40.4
84 90.8 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 49.103 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 97 Resp: 375922
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 43.8 34.2 51.4

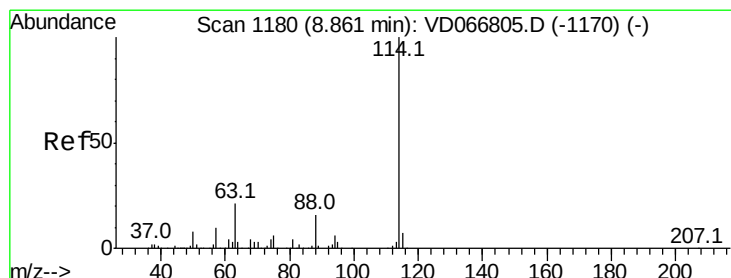
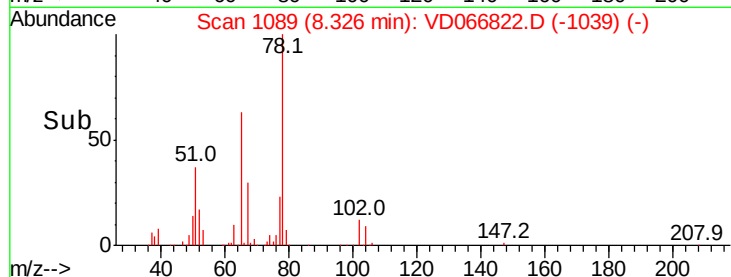
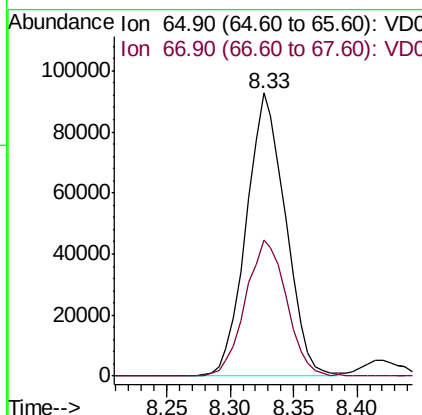
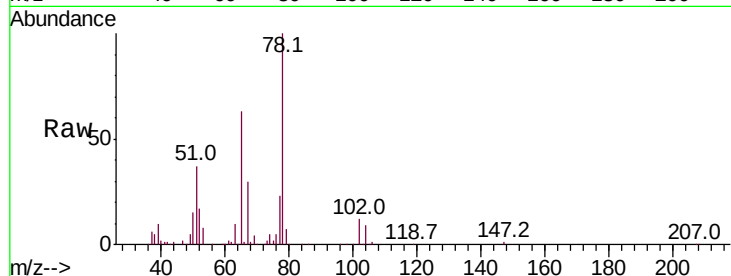




#33
 1,2-Dichloroethane-d4
 Concen: 51.364 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

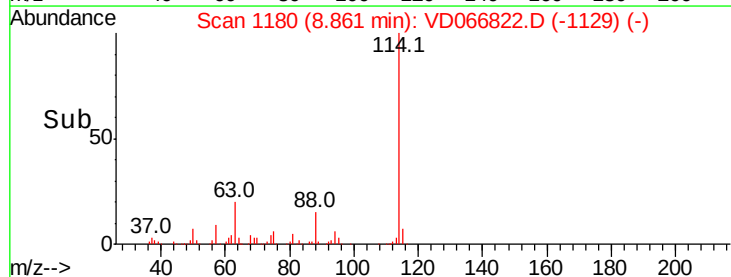
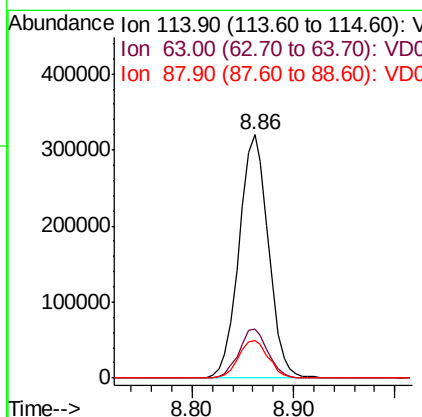
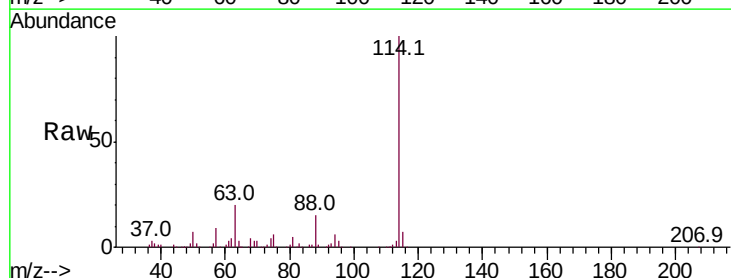
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

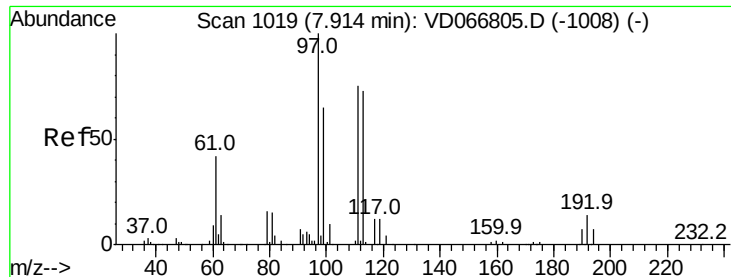
Tot Ion: 65 Resp: 199565
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion: 114 Resp: 643729
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 15.3 0.0 32.6

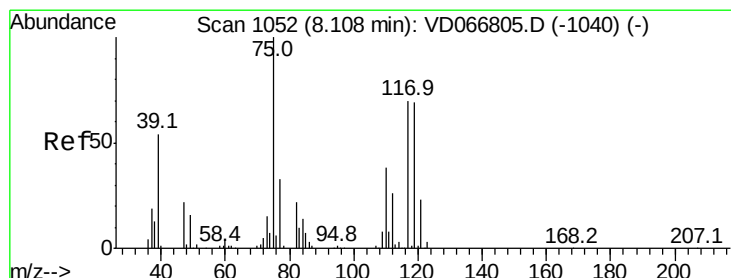
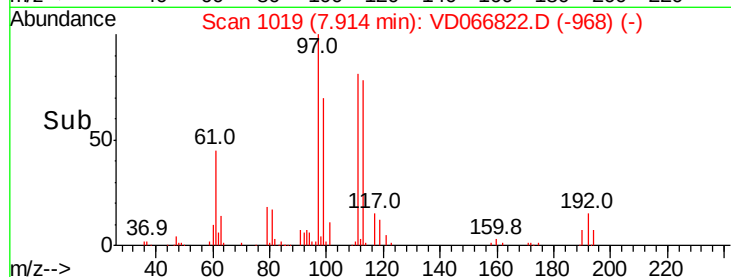
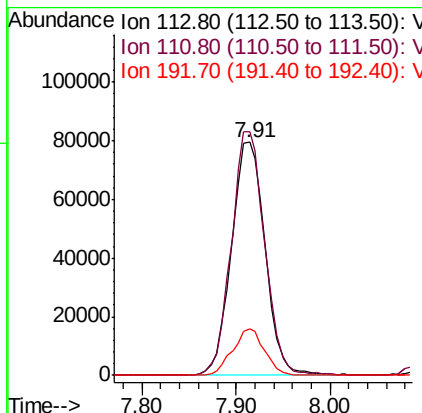
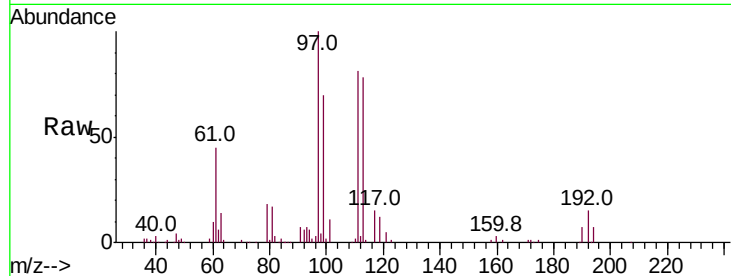




#35
 Dibromofluoromethane
 Concen: 48.188 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

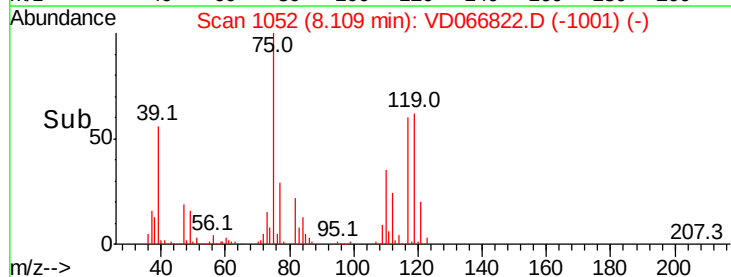
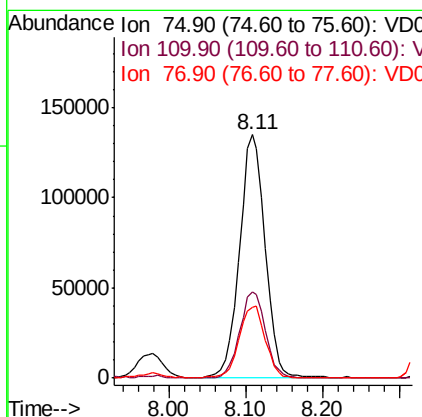
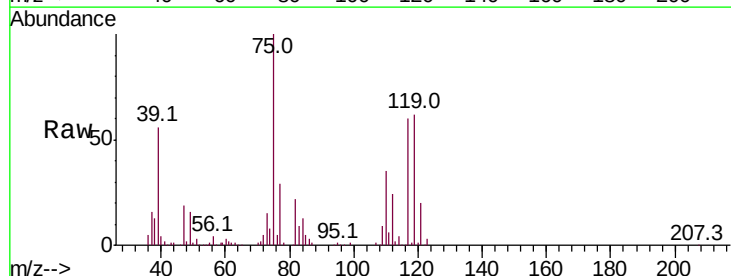
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

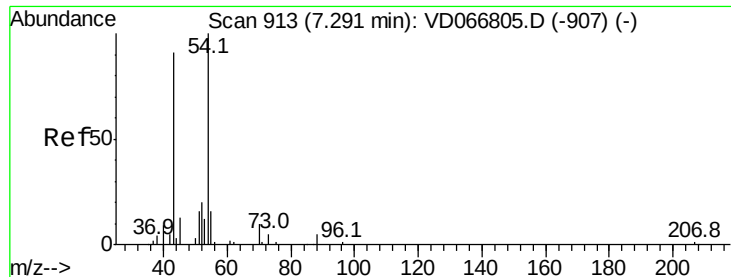
Tot Ion:113 Resp: 197351
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.8
 192 18.9 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 49.490 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion: 75 Resp: 316057
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.9 53.8
 77 30.3 25.0 37.6

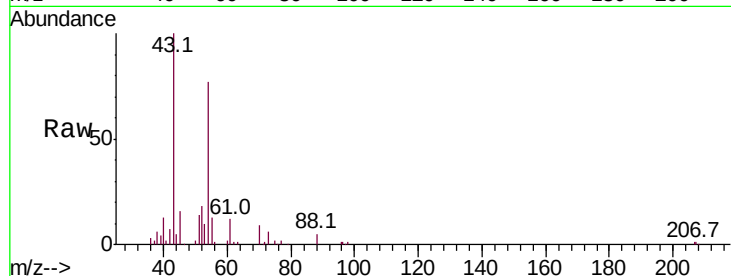




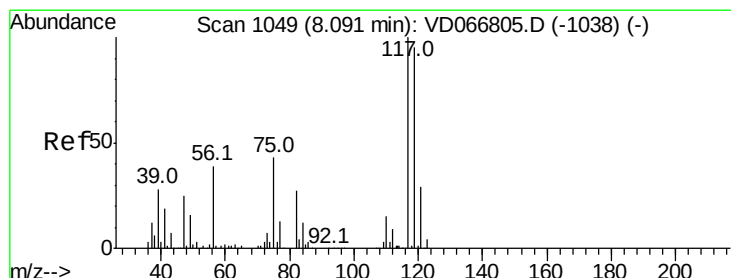
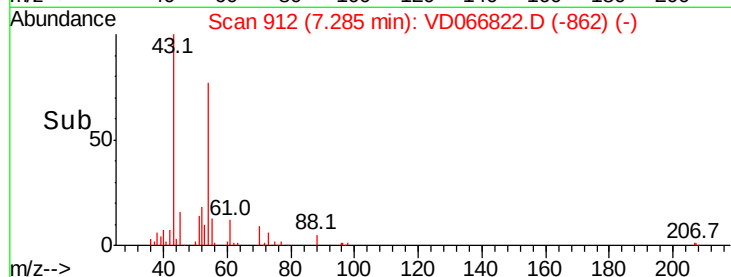
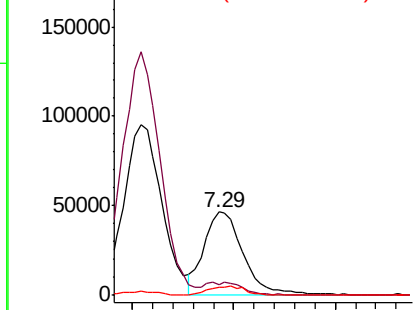
#37
Ethyl Acetate
Concen: 53.368 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 123212
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 10.9 8.5 12.7

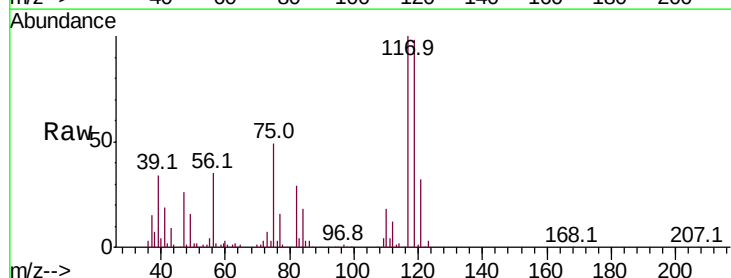


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

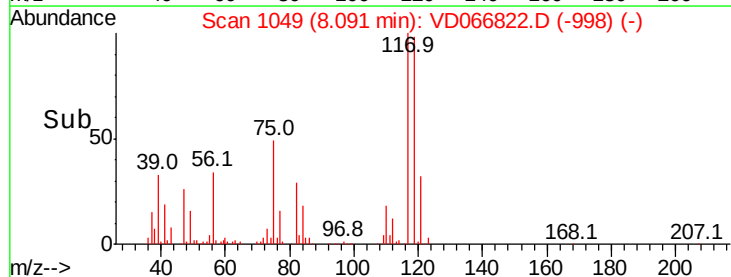
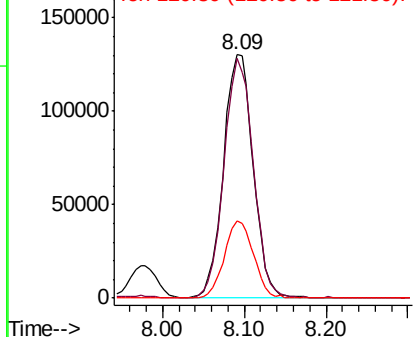


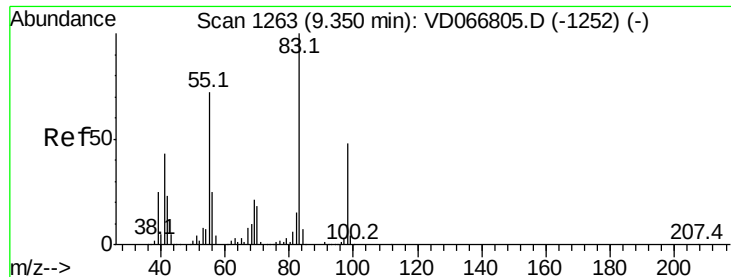
#38
Carbon Tetrachloride
Concen: 47.131 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 117 Resp: 329073
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8
121 32.0 23.4 35.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

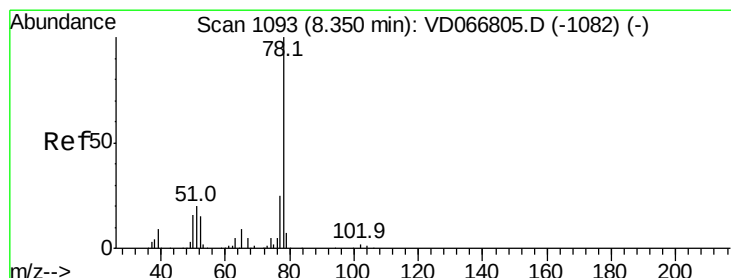
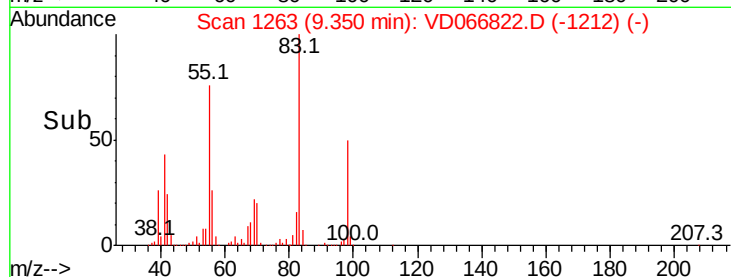
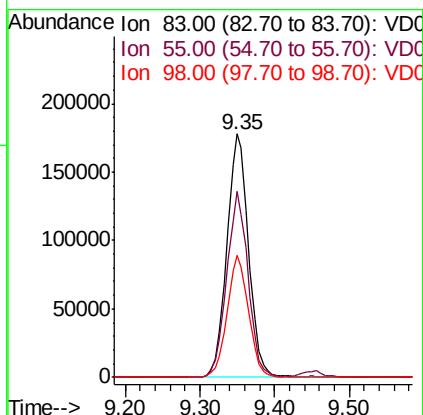
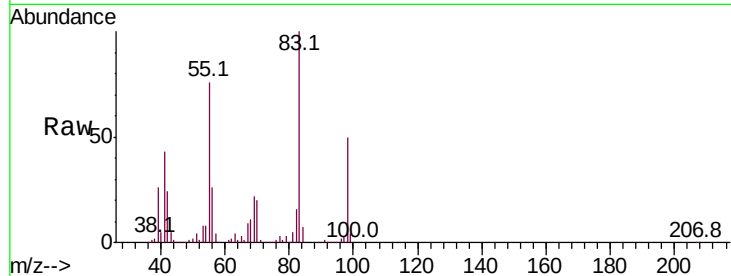




#39
Methylvlcyclohexane
Concen: 49.214 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

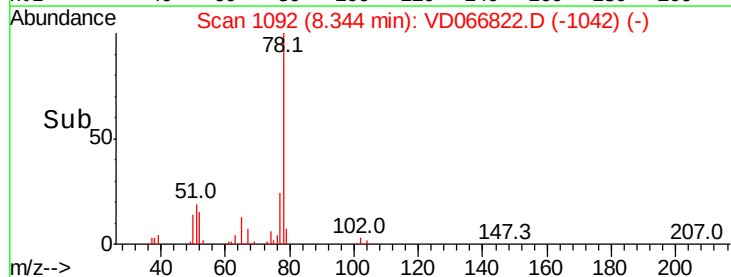
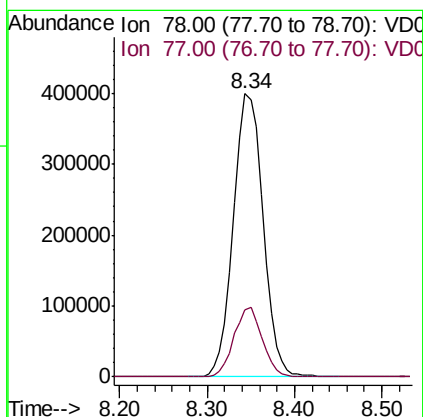
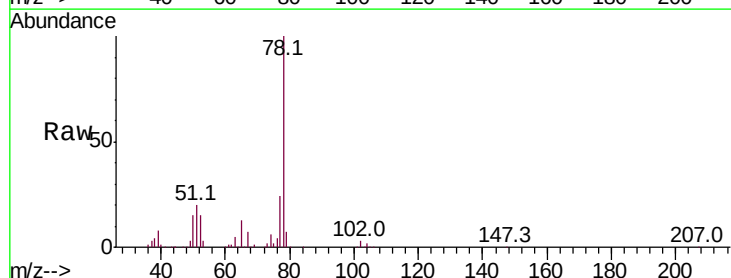
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

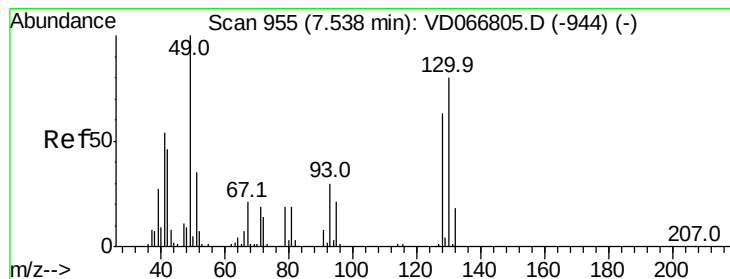
Tot Ion: 83 Resp: 360856
Ion Ratio Lower Upper
83 100
55 76.2 57.7 86.5
98 50.0 38.4 57.6



#40
Benzene
Concen: 51.682 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 78 Resp: 919870
Ion Ratio Lower Upper
78 100
77 23.9 19.9 29.9





#41

Methacrylonitrile

Concen: 121.398 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 172358

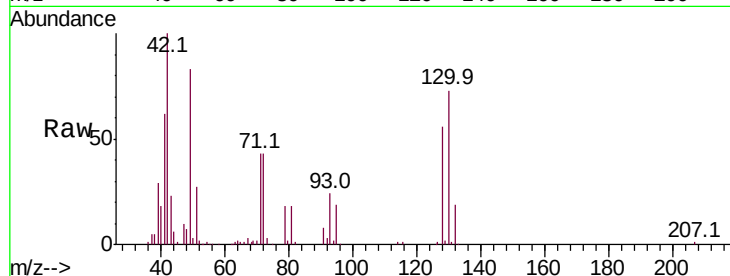
Ion Ratio Lower Upper

41 100

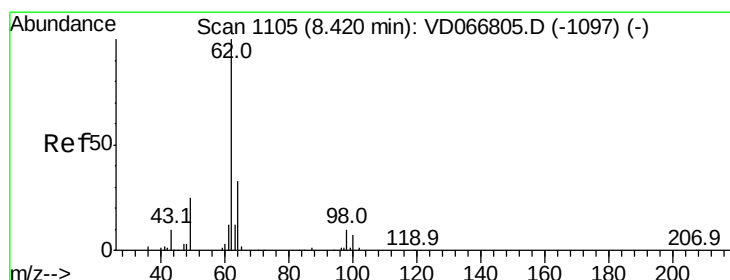
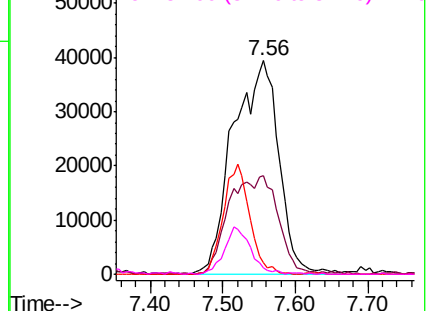
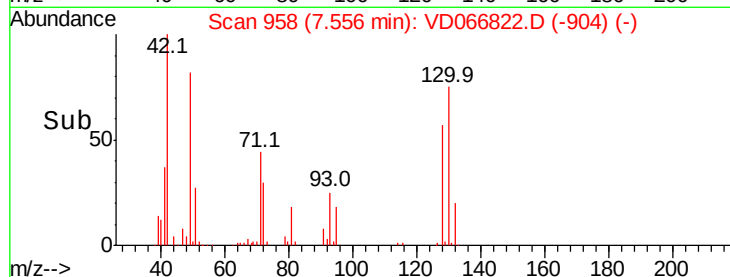
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 51.239 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066822.D

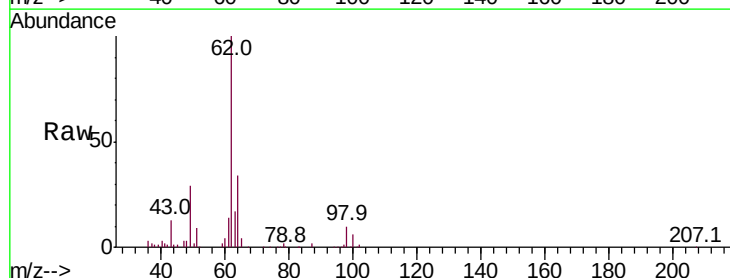
Acq: 22 Sep 2020 20:25

Tgt Ion: 62 Resp: 269603

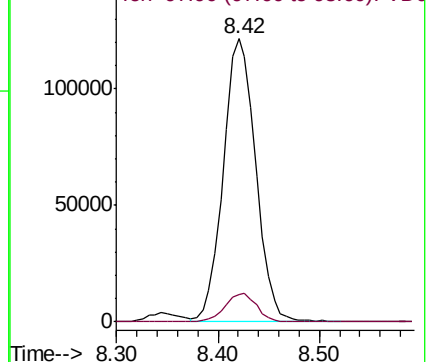
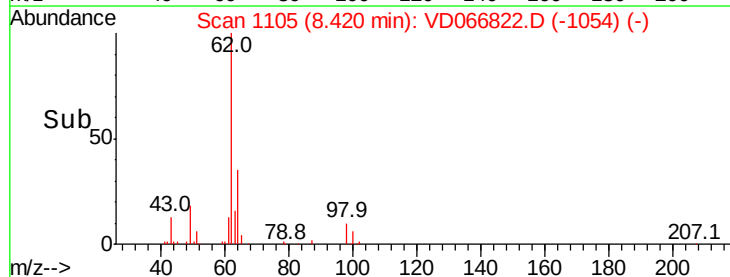
Ion Ratio Lower Upper

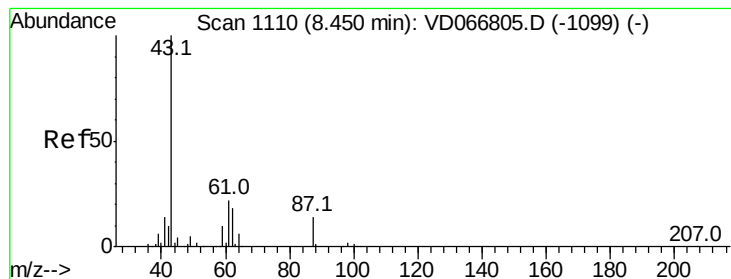
62 100

98 10.0 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 51.539 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

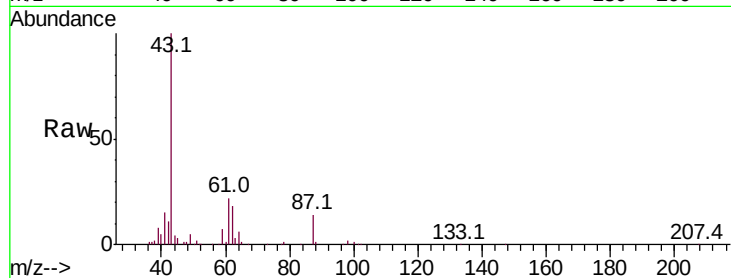
Tot Ion: 43 Resp: 229403

Ion Ratio Lower Upper

43 100

61 33.5 26.2 39.4

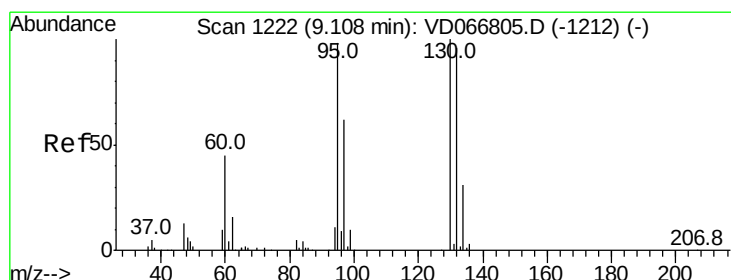
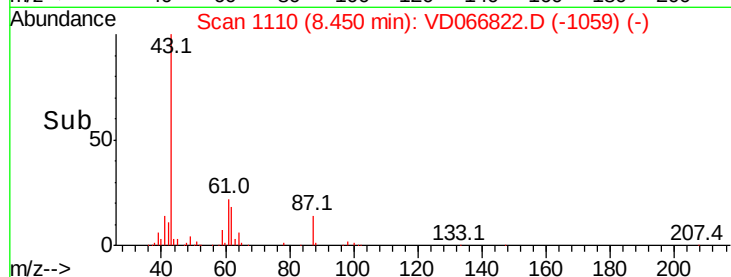
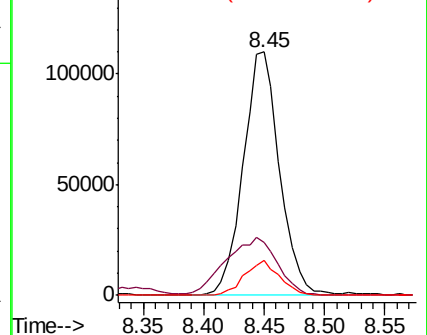
87 13.8 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.191 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066822.D

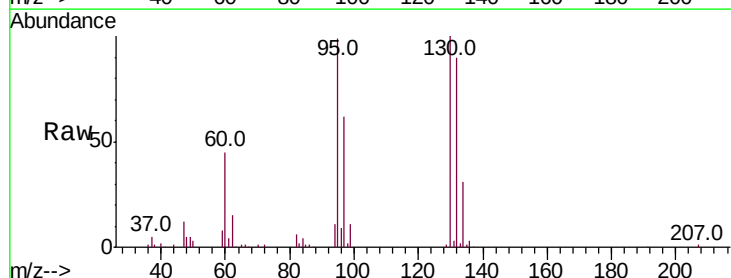
Acq: 22 Sep 2020 20:25

Tgt Ion:130 Resp: 249557

Ion Ratio Lower Upper

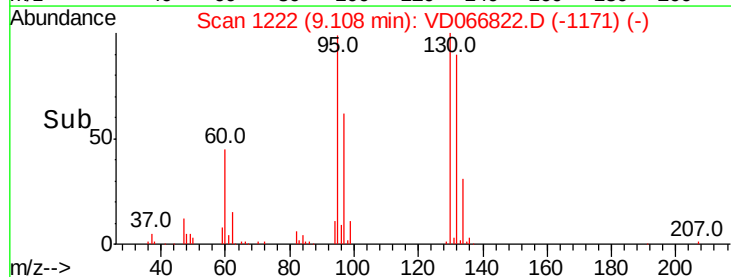
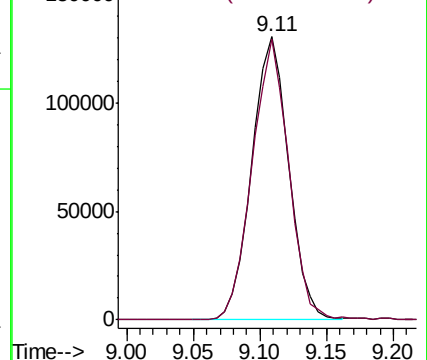
130 100

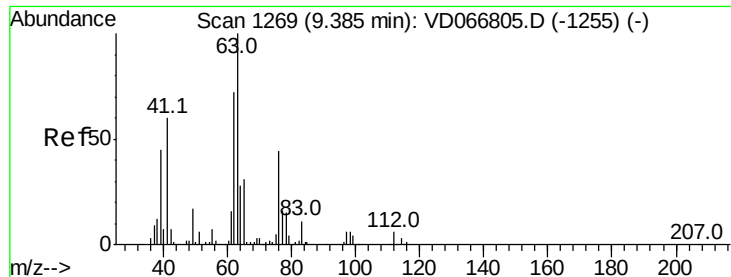
95 99.1 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.529 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

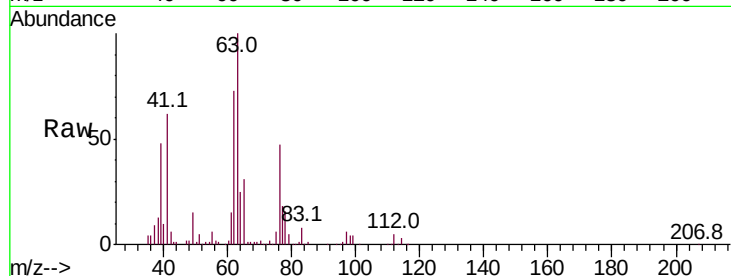
VSTDCCC050EC

Tot Ion: 63 Resp: 226274

Ion Ratio Lower Upper

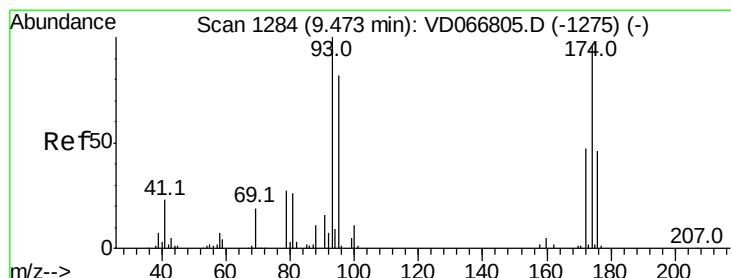
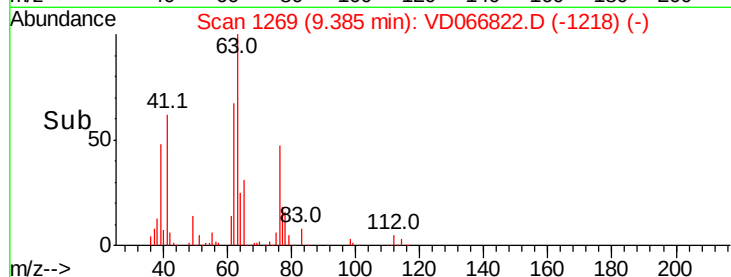
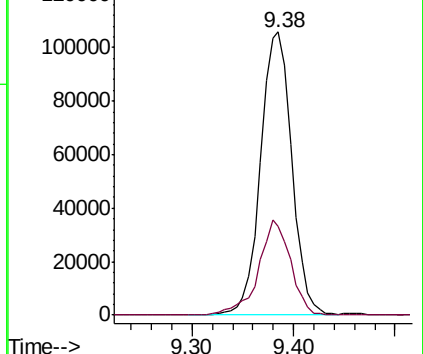
63 100

65 31.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.854 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

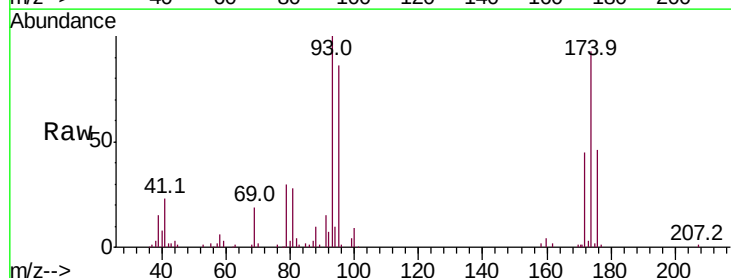
Tgt Ion: 93 Resp: 126166

Ion Ratio Lower Upper

93 100

95 81.8 65.3 97.9

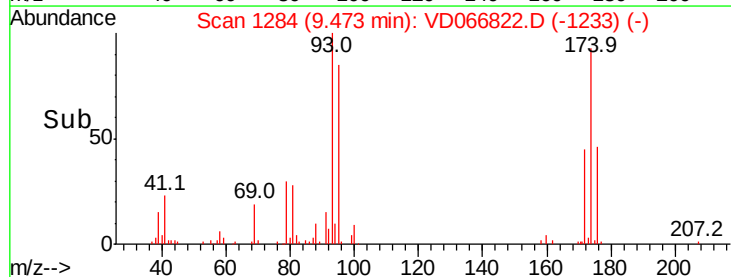
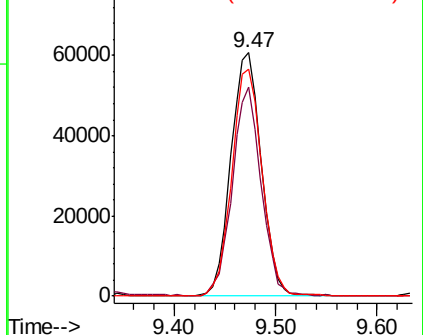
174 93.5 75.4 113.2

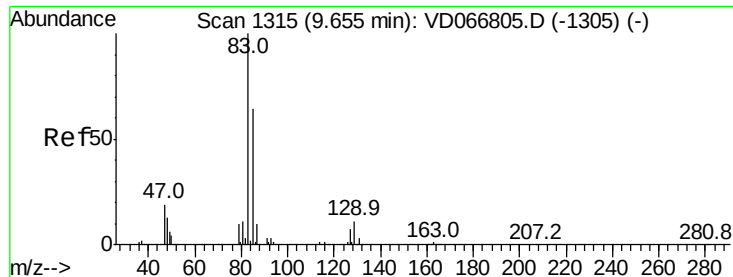


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.357 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

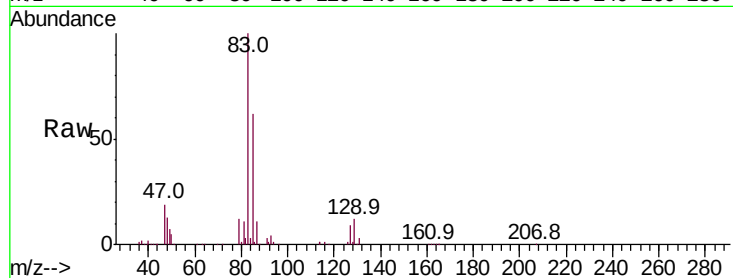
Tot Ion: 83 Resp: 335673

Ion Ratio Lower Upper

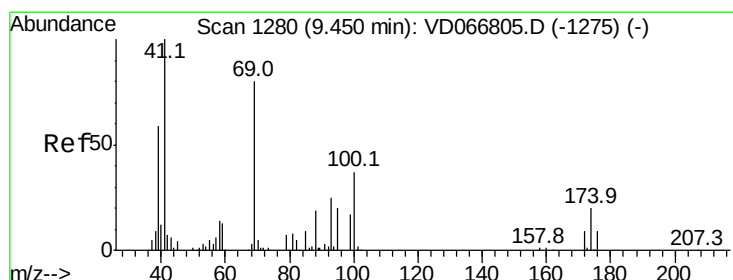
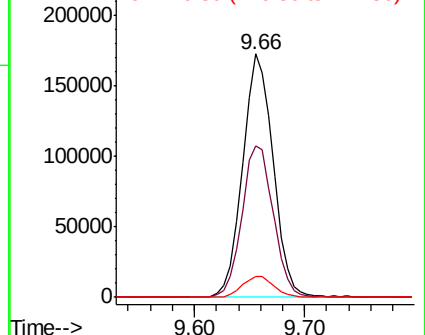
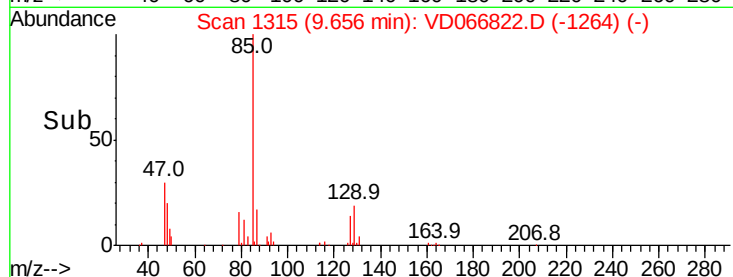
83 100

85 62.2 50.9 76.3

127 8.7 5.9 8.9



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



#48

Methyl methacrylate

Concen: 55.771 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

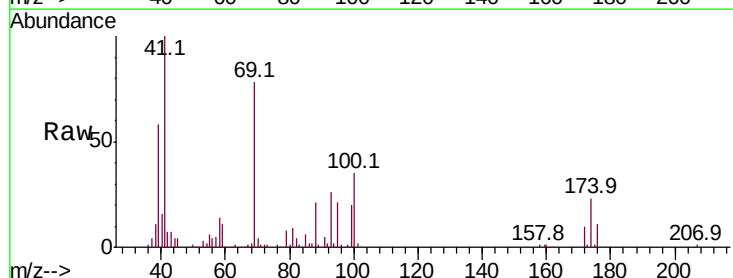
Tgt Ion: 41 Resp: 122393

Ion Ratio Lower Upper

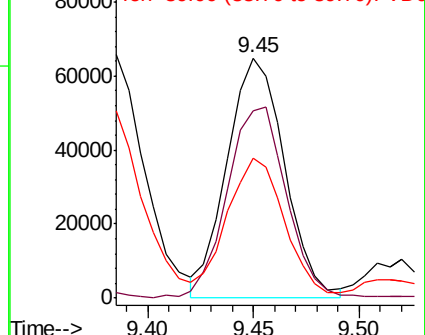
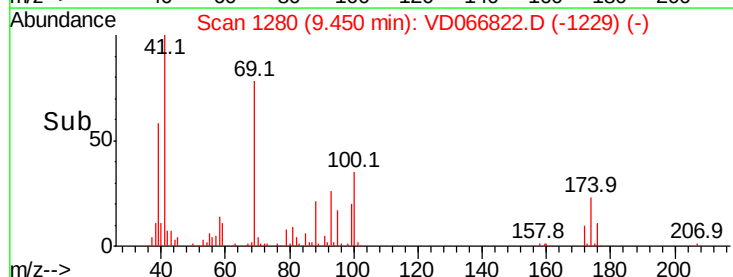
41 100

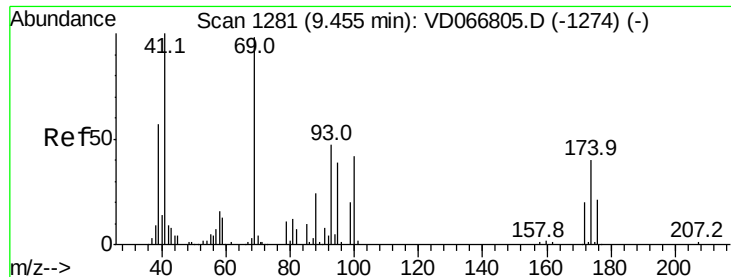
69 81.5 74.5 111.7

39 58.9 47.0 70.6



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





#49

1,4-Dioxane

Concen: 1038.571 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

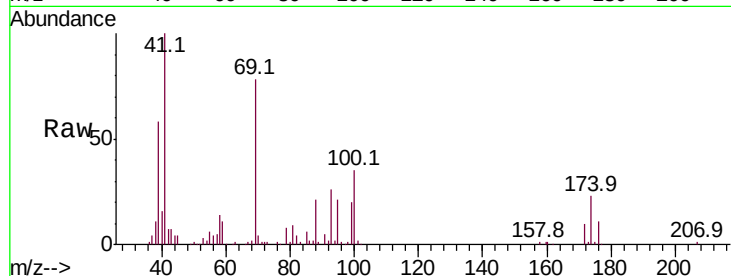
Tot Ion: 88 Resp: 28546

Ion Ratio Lower Upper

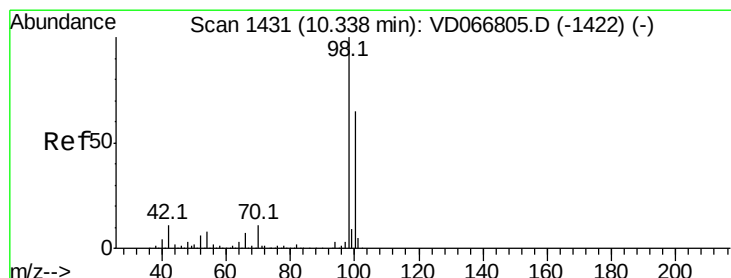
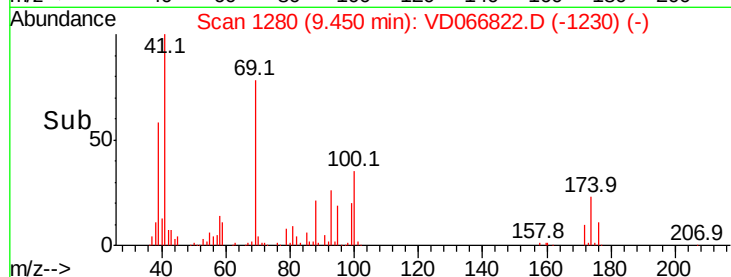
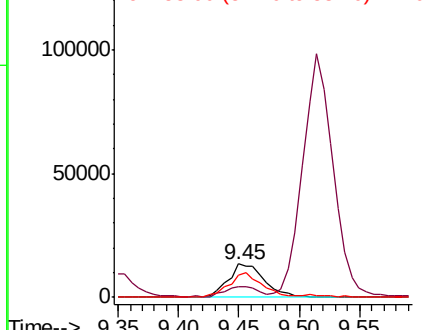
88 100

43 26.9 27.7 41.5#

58 68.5 55.5 83.3



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



#50

Toluene-d8

Concen: 51.990 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066822.D

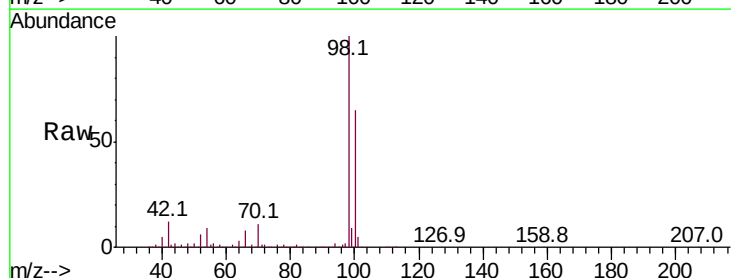
Acq: 22 Sep 2020 20:25

Tgt Ion: 98 Resp: 725454

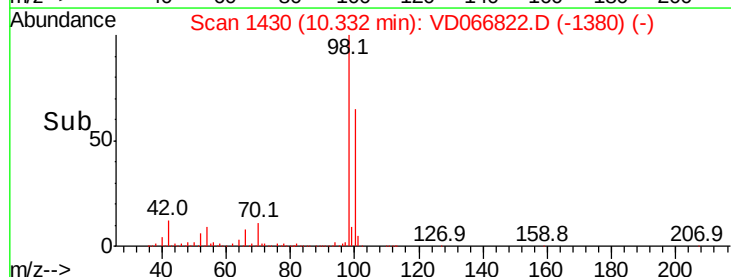
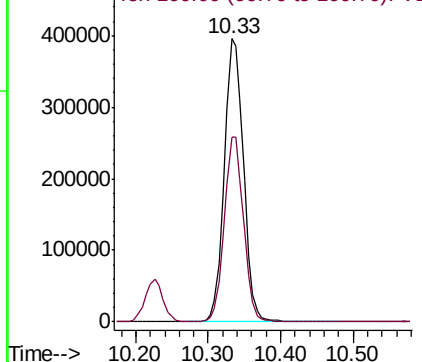
Ion Ratio Lower Upper

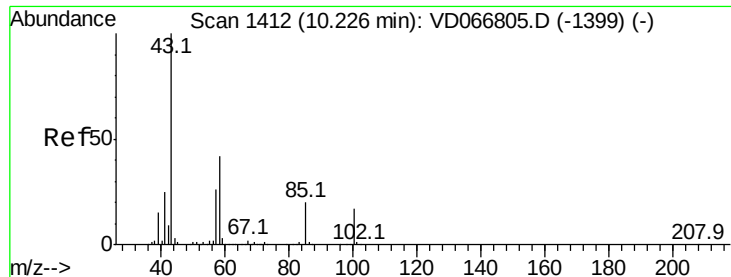
98 100

100 65.9 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 270.014 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

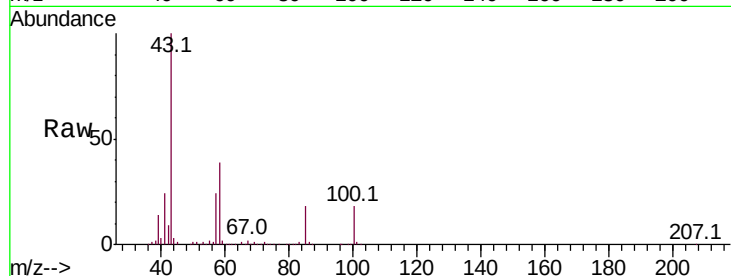
VSTDCCC050EC

Tot Ion: 43 Resp: 608984

Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

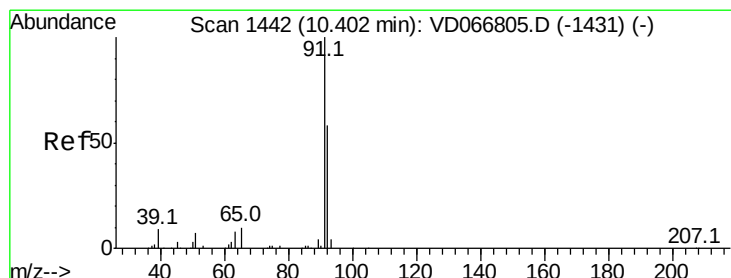
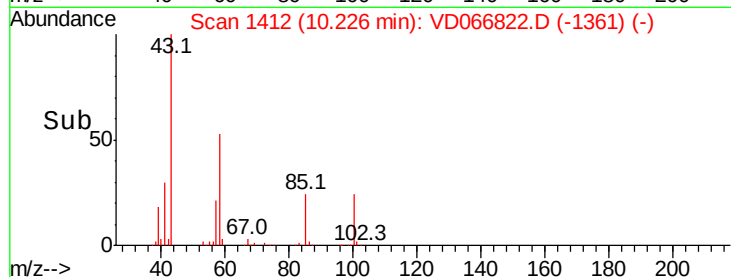
300000

200000

100000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 52.374 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066822.D

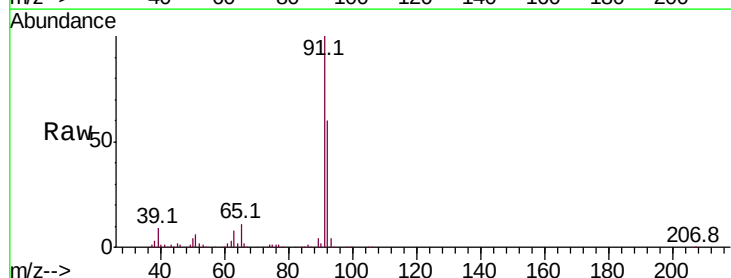
Acq: 22 Sep 2020 20:25

Tgt Ion: 92 Resp: 600452

Ion Ratio Lower Upper

92 100

91 169.4 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

600000

500000

400000

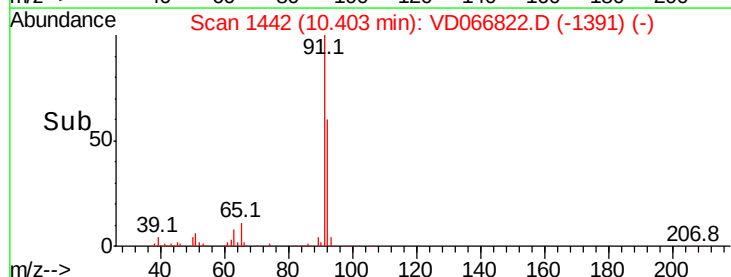
300000

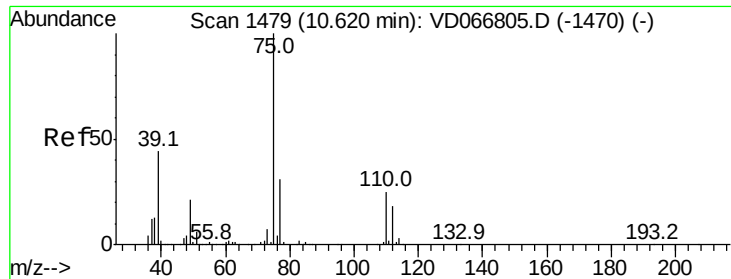
200000

100000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 50.768 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

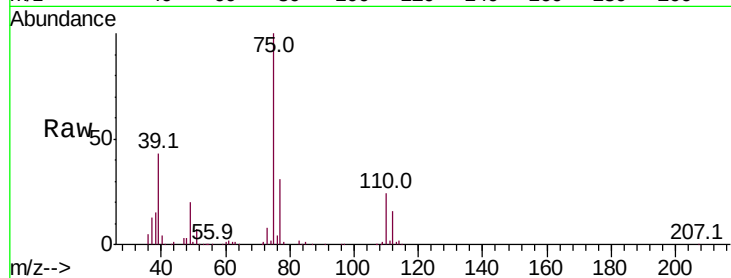
VSTDCCC050EC

Tot Ion: 75 Resp: 282422

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.61

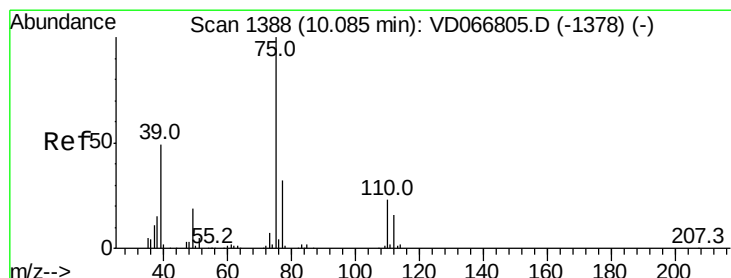
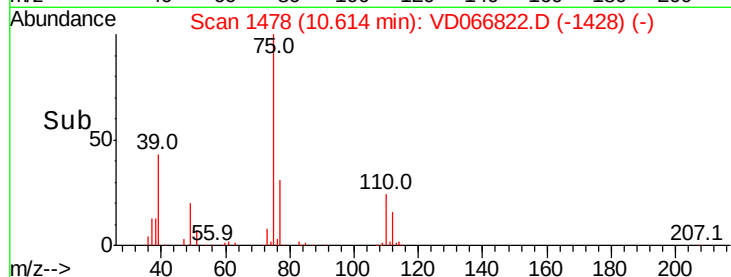
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.640 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

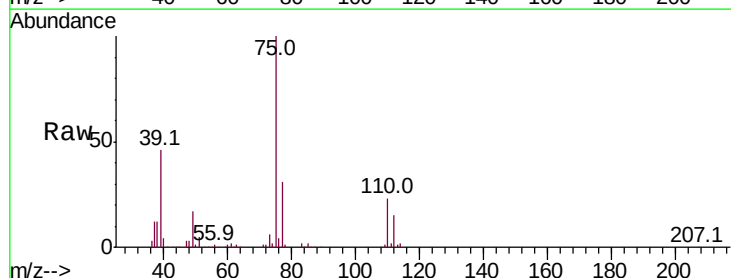
Tgt Ion: 75 Resp: 343504

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 46.0 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

250000

200000

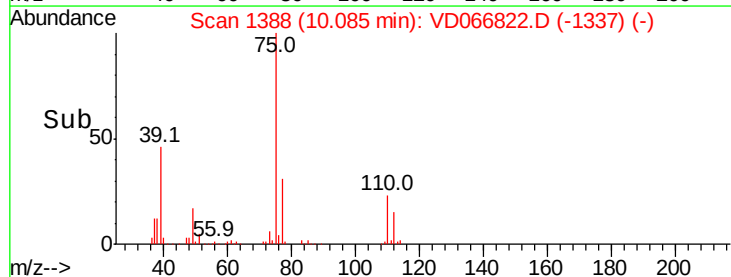
150000

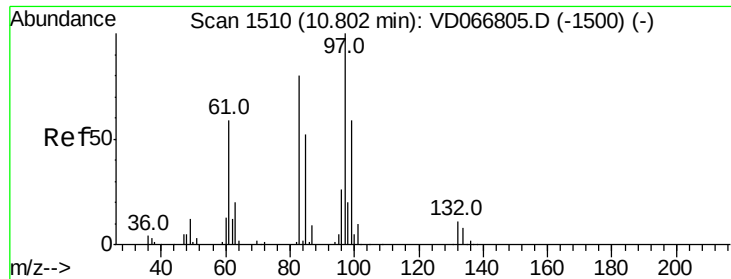
100000

50000

0

Time--> 10.00 10.10 10.20

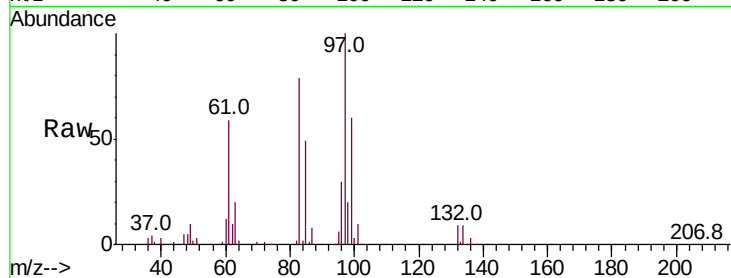




#55
 1,1,2-Trichloroethane
 Concen: 51.623 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	172669
Ion	Ratio	Lower	Upper
97	100		
83	78.6	64.2	96.2
85	48.7	41.9	62.9
99	59.5	47.5	71.3



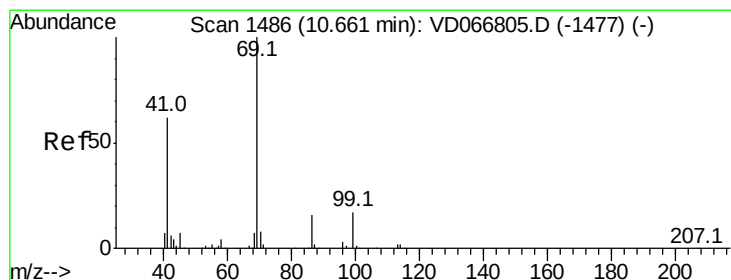
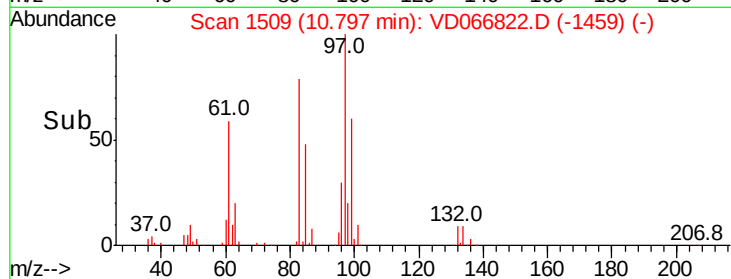
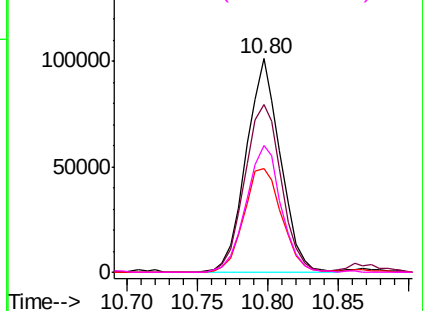
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

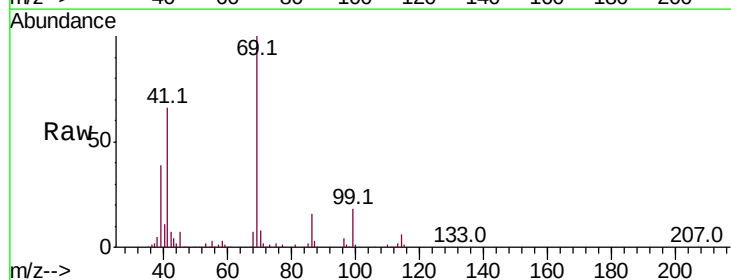
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 55.047 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion:	69	Resp:	197244
Ion	Ratio	Lower	Upper
69	100		
41	67.9	52.2	78.2
39	36.7	26.6	40.0

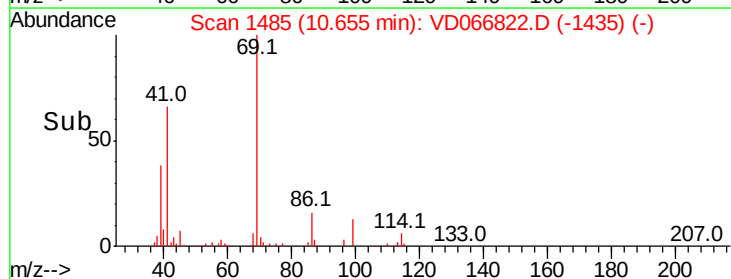
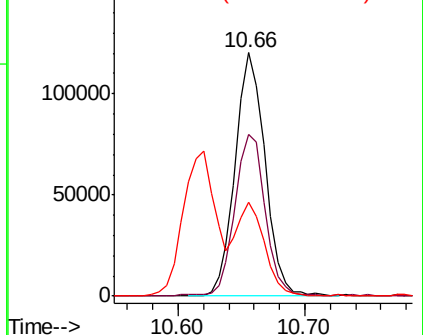


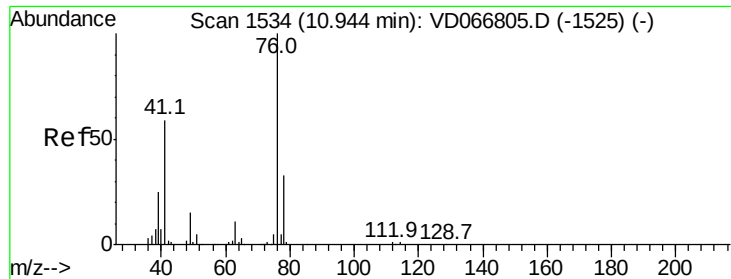
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.126 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

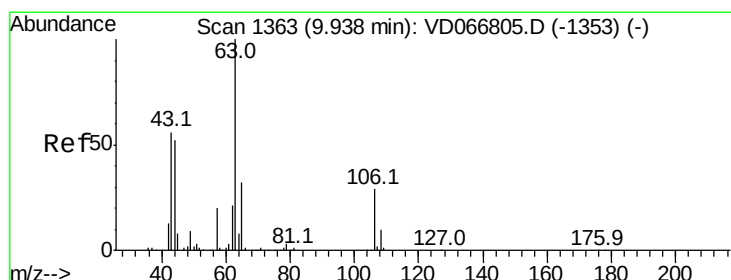
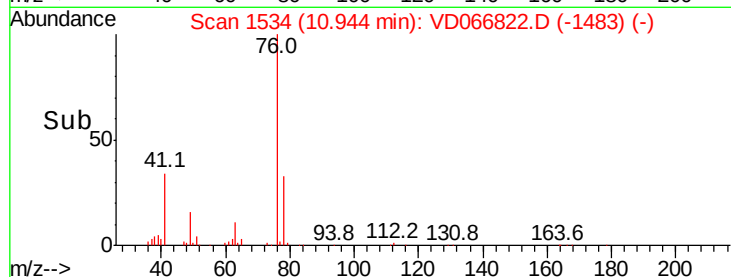
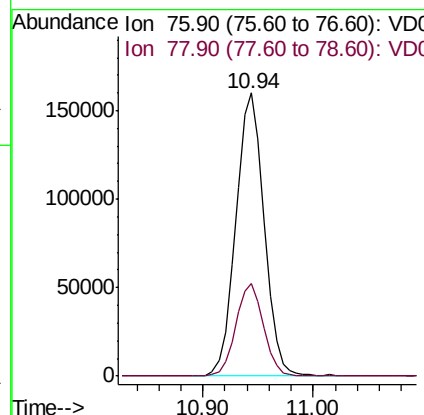
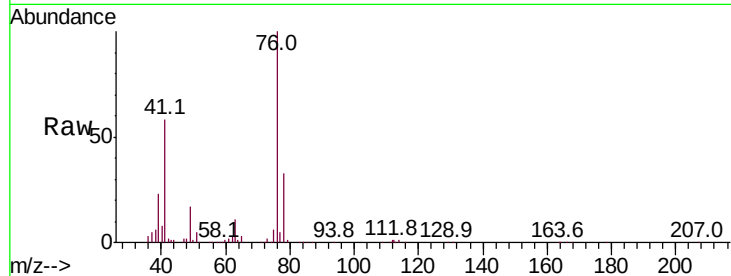
Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 287897

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 243.652 ug/l

RT: 9.94 min Scan# 1363

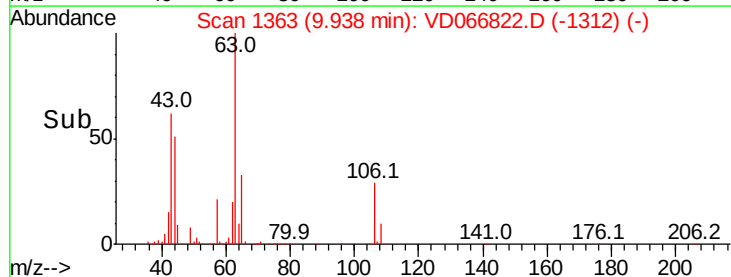
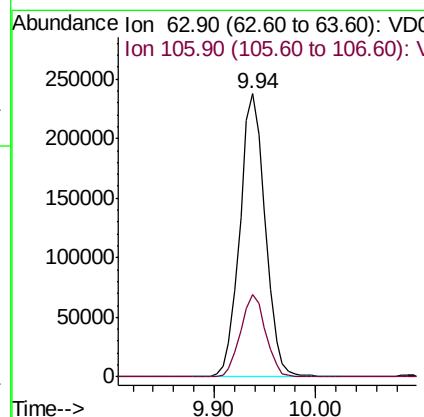
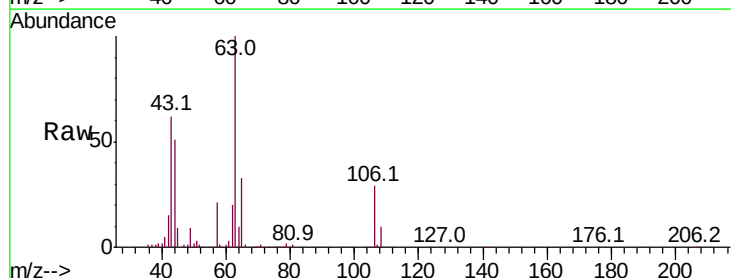
Delta R.T. 0.00 min

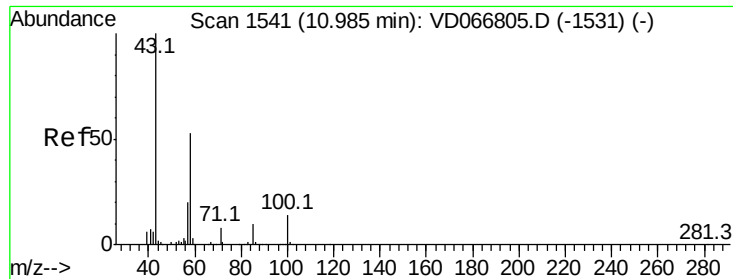
Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion: 63 Resp: 413386

Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.8	35.6

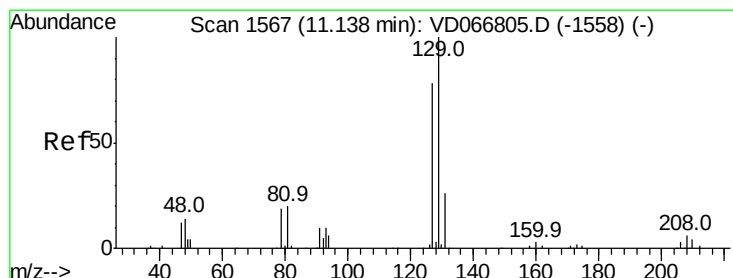
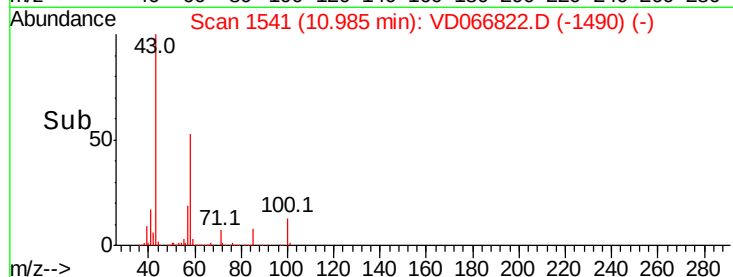
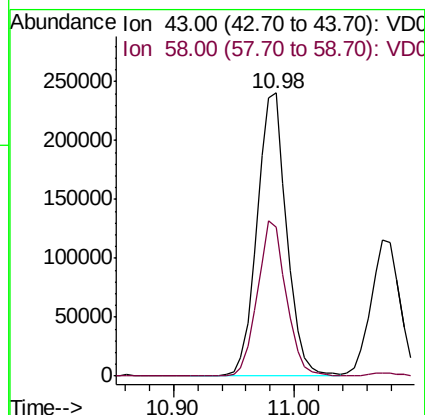
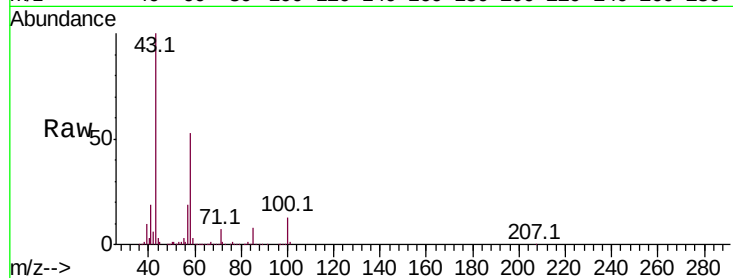




#59
2-Hexanone
Concen: 268.840 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

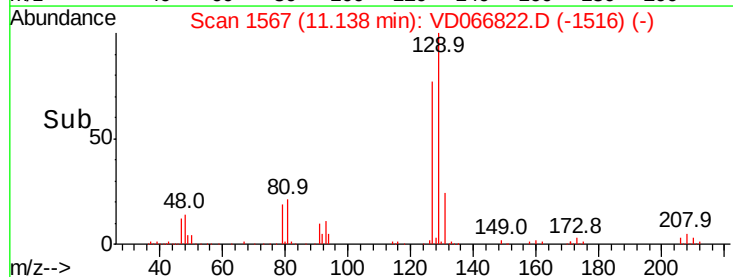
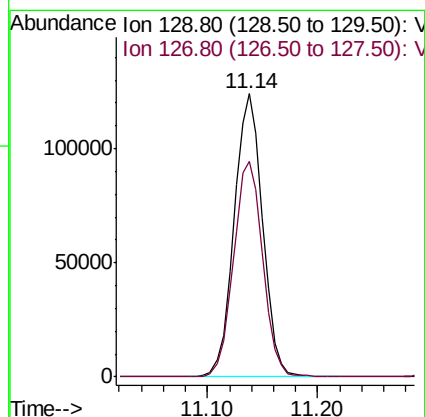
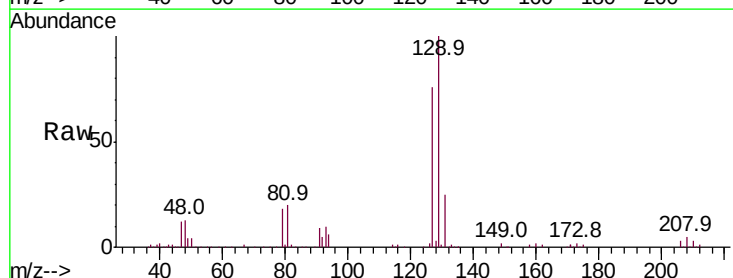
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

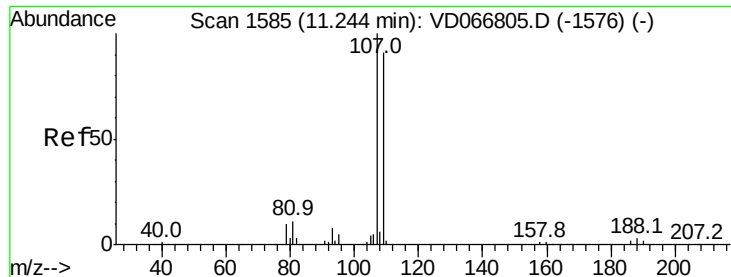
Tot Ion: 43 Resp: 408898
Ion Ratio Lower Upper
43 100
58 53.5 27.0 80.8



#60
Dibromochloromethane
Concen: 51.324 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 129 Resp: 224049
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

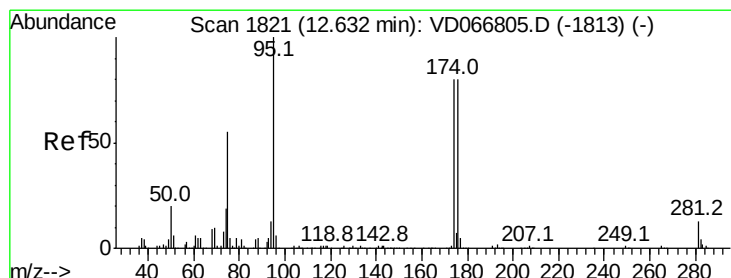
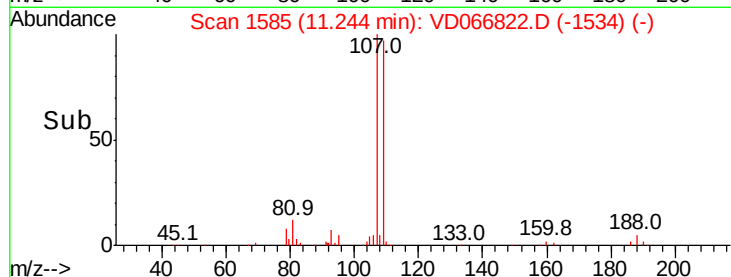
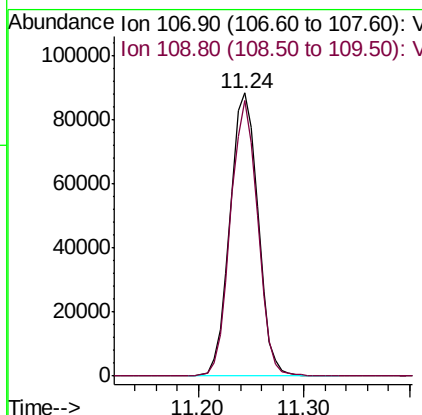
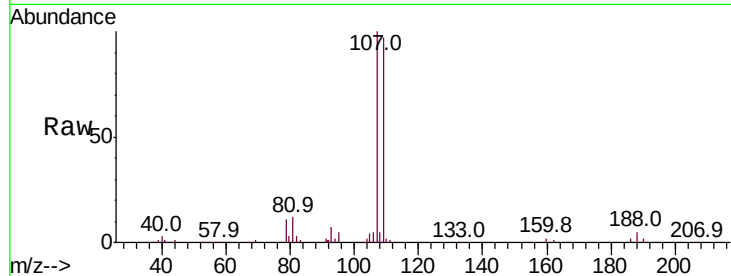




#61
 1,2-Dibromoethane
 Concen: 52.157 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

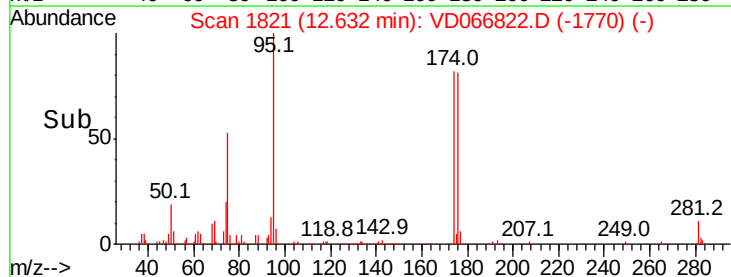
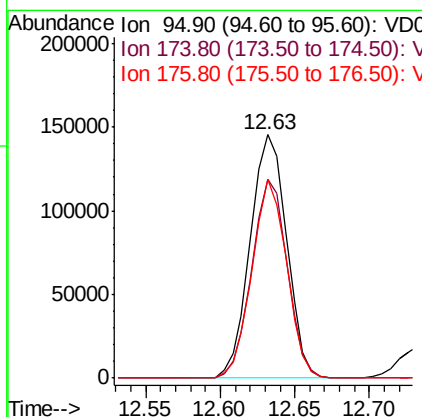
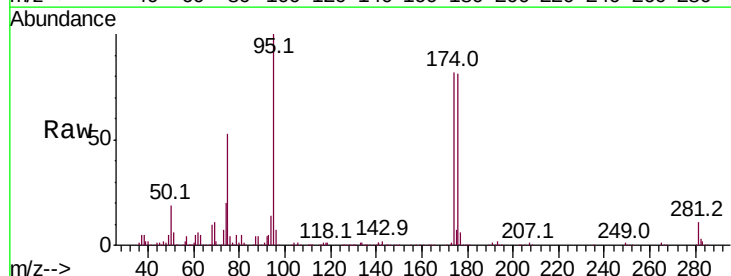
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

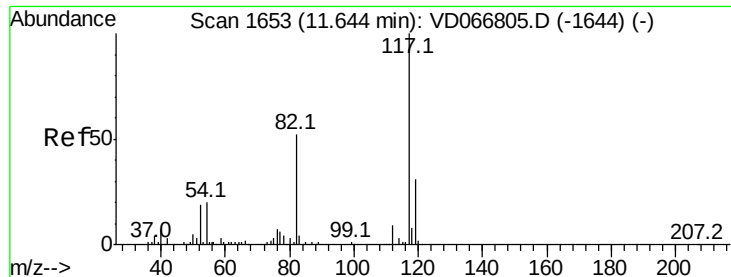
Tot Ion:107 Resp: 162263
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.392 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion: 95 Resp: 245493
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 159.8
 176 77.6 0.0 154.4

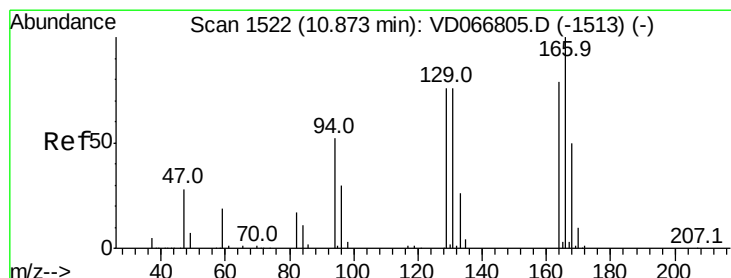
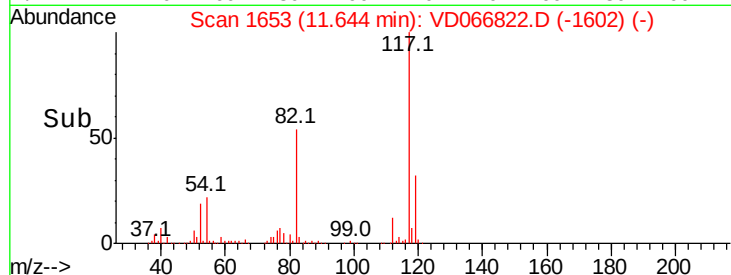
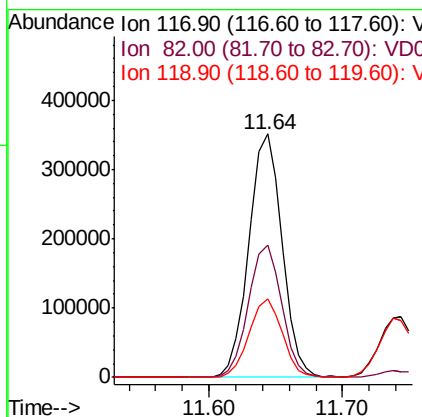
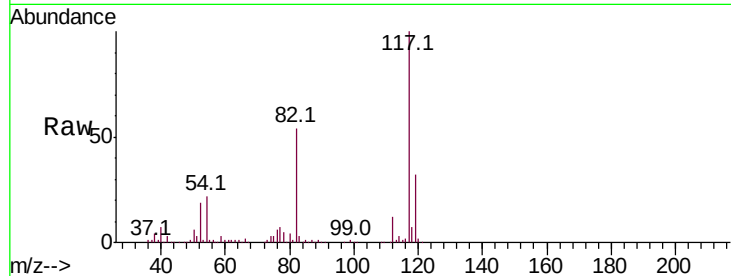




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

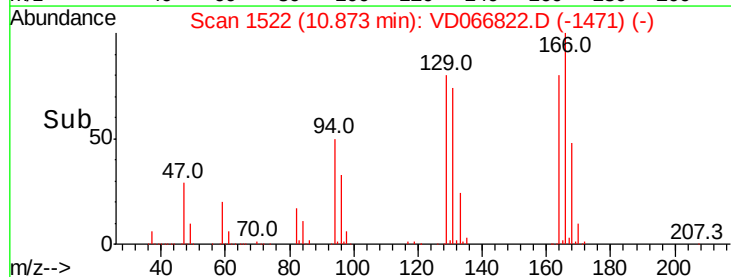
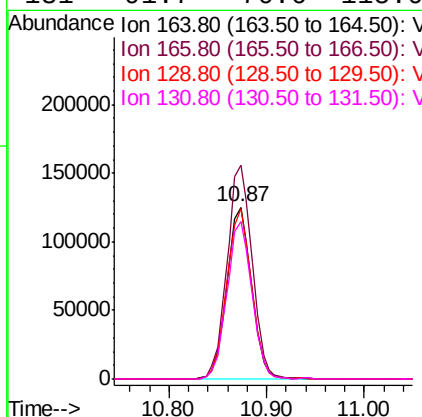
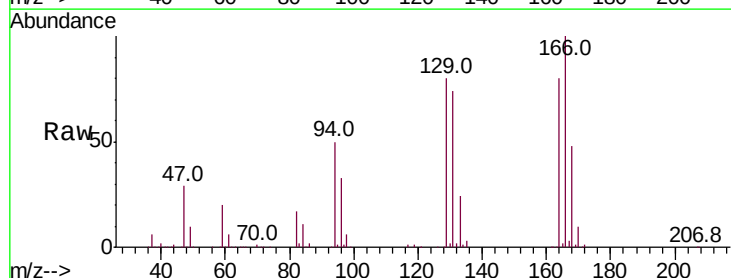
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

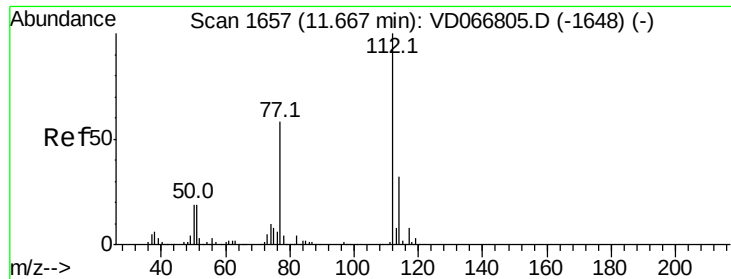
Tot Ion:117 Resp: 603172
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 32.2 24.6 37.0



#64
Tetrachloroethene
Concen: 50.688 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion:164 Resp: 219920
Ion Ratio Lower Upper
164 100
166 124.4 101.1 151.7
129 99.3 77.0 115.4
131 91.7 76.6 115.0

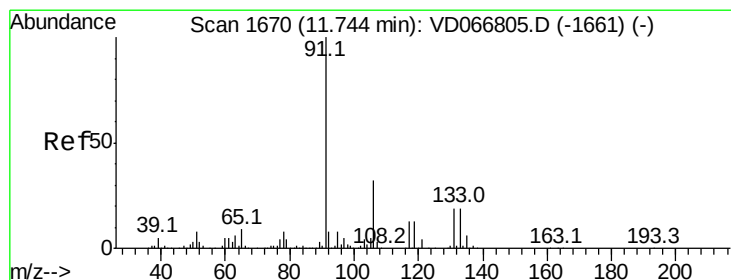
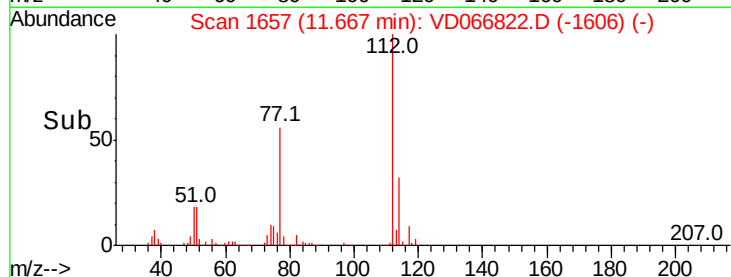
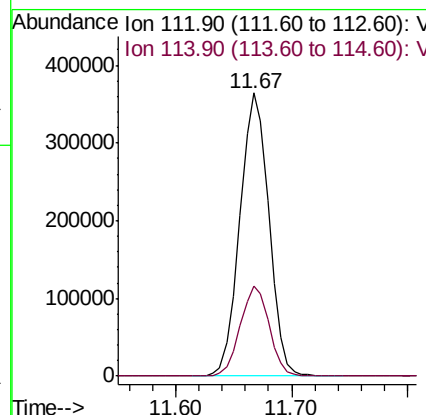
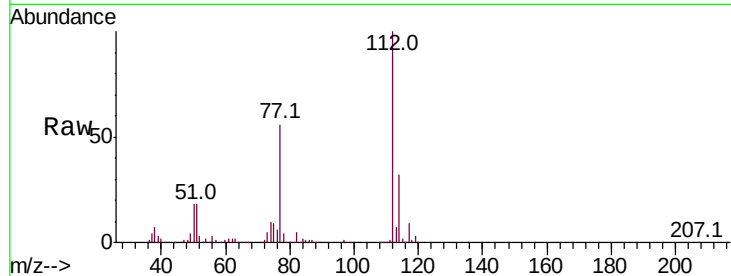




#65
Chlorobenzene
Concen: 50.416 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

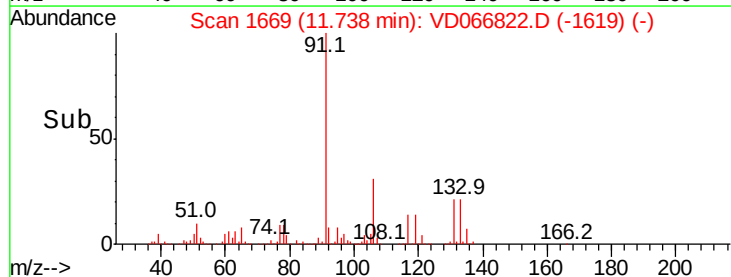
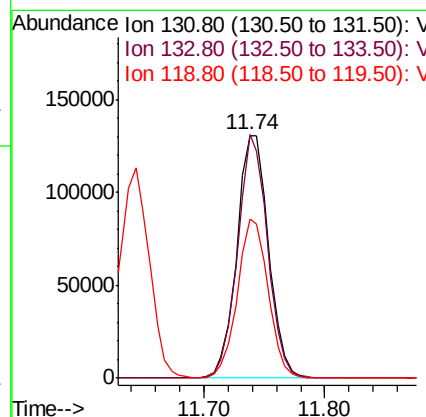
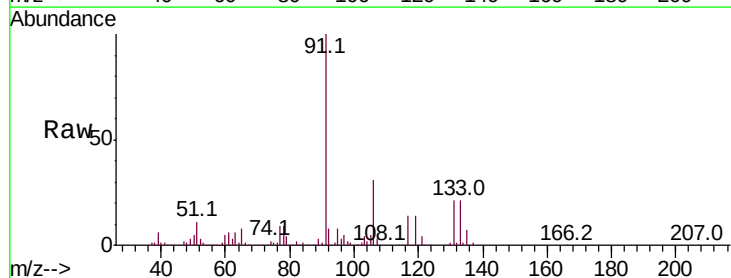
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

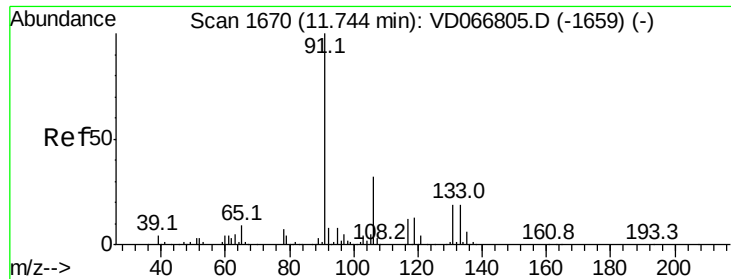
Tot Ion:112 Resp: 632987
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.368 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion:131 Resp: 239344
Ion Ratio Lower Upper
131 100
133 94.6 46.7 140.1
119 63.8 32.3 96.9





#67

Ethyl Benzene

Concen: 50.613 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

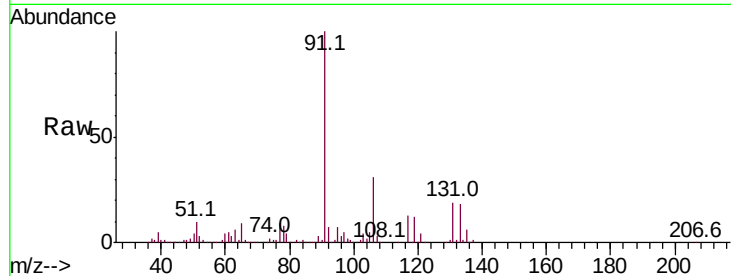
VSTDCCC050EC

Tot Ion: 91 Resp: 1116073

Ion Ratio Lower Upper

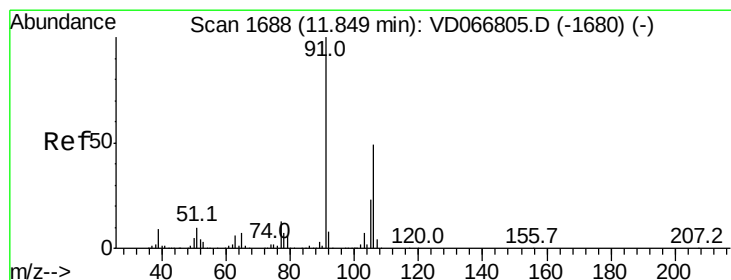
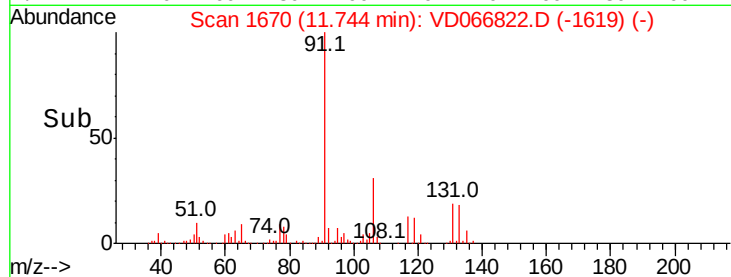
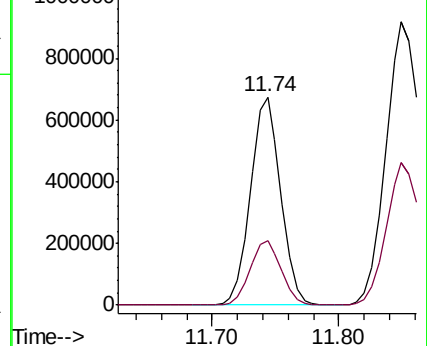
91 100

106 31.1 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 103.510 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066822.D

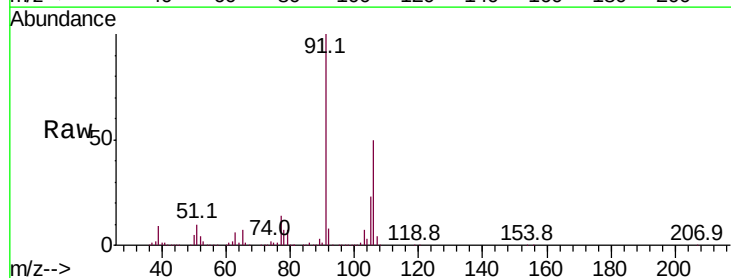
Acq: 22 Sep 2020 20:25

Tgt Ion:106 Resp: 864193

Ion Ratio Lower Upper

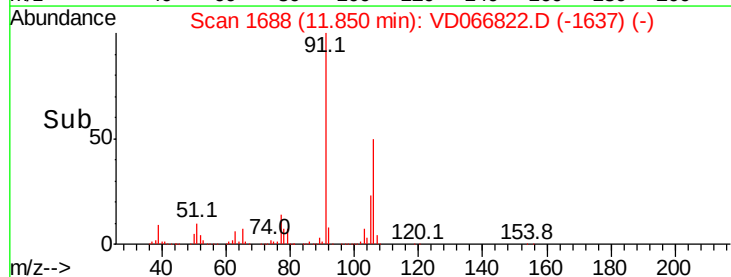
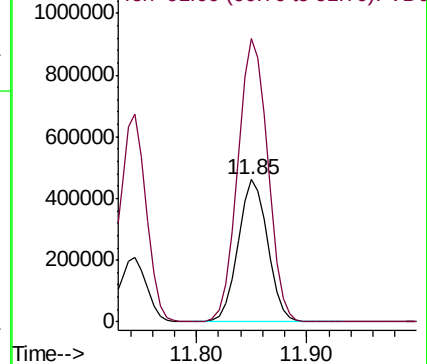
106 100

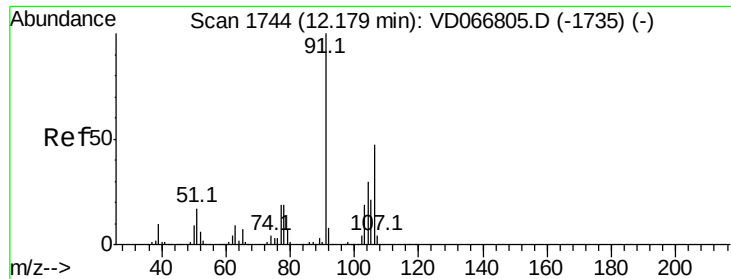
91 202.9 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

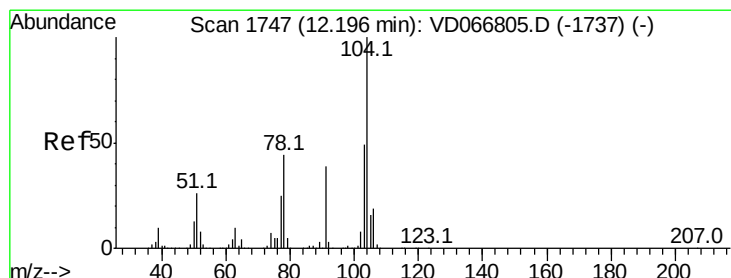
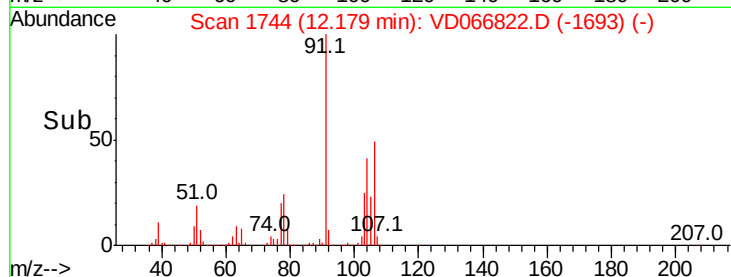
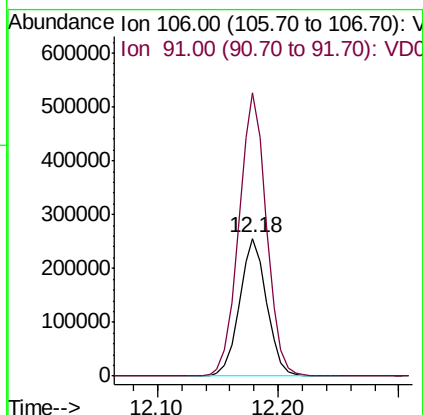
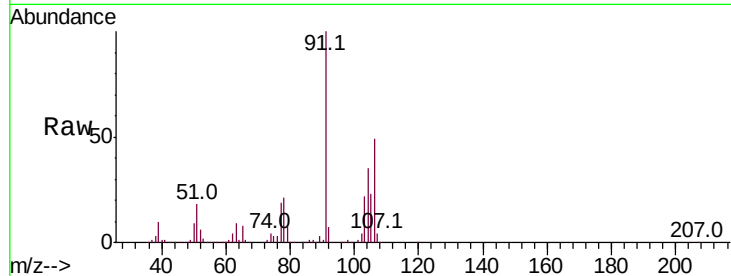




#69
o-Xylene
Concen: 52.875 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

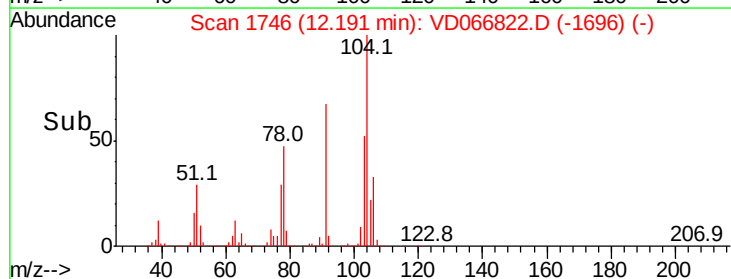
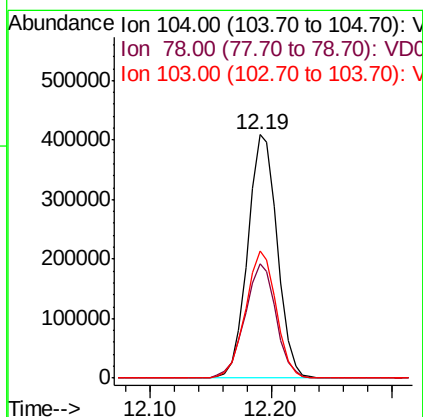
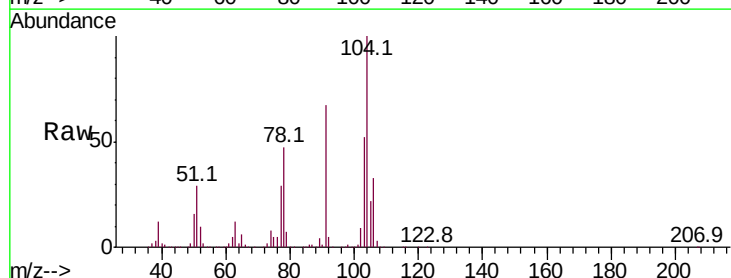
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

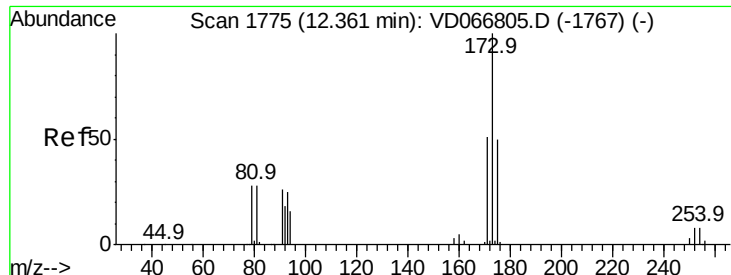
Tot Ion:106 Resp: 399169
Ion Ratio Lower Upper
106 100
91 208.7 106.3 318.8



#70
Styrene
Concen: 52.937 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion:104 Resp: 694017
Ion Ratio Lower Upper
104 100
78 49.7 38.9 58.3
103 54.4 43.2 64.8





#71

Bromoform

Concen: 50.440 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

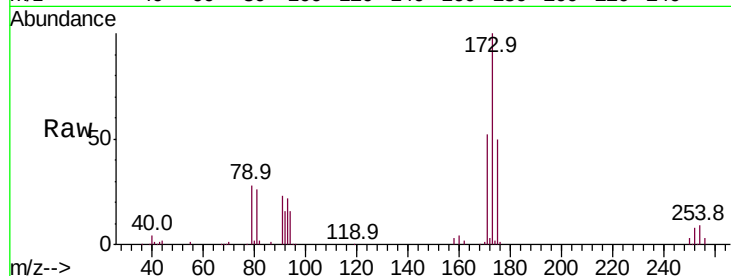
Tot Ion:173 Resp: 121356

Ion Ratio Lower Upper

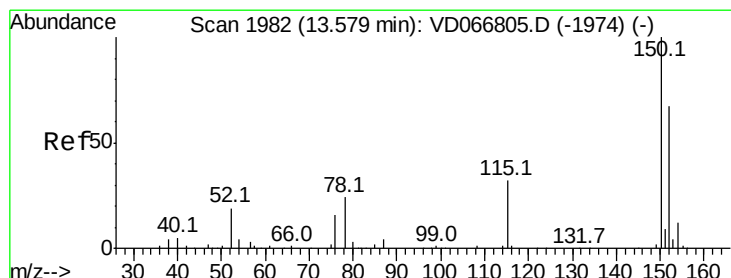
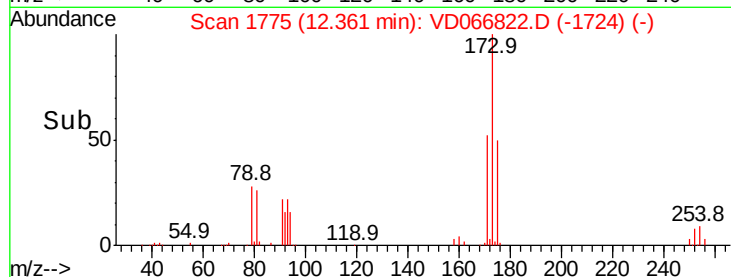
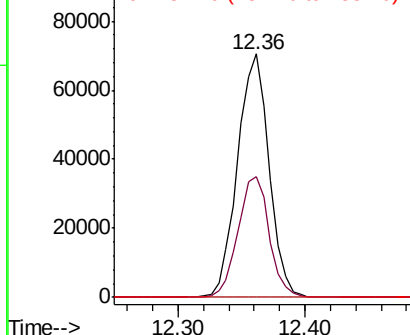
173 100

175 49.0 24.9 74.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

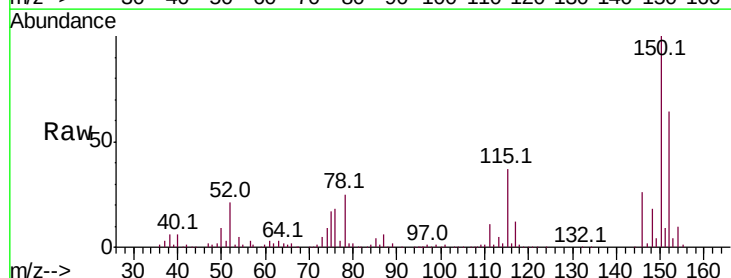
Tgt Ion:152 Resp: 284064

Ion Ratio Lower Upper

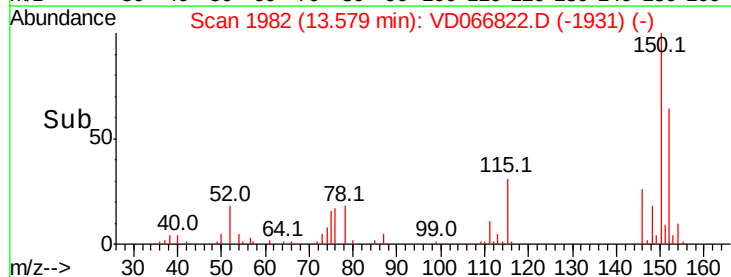
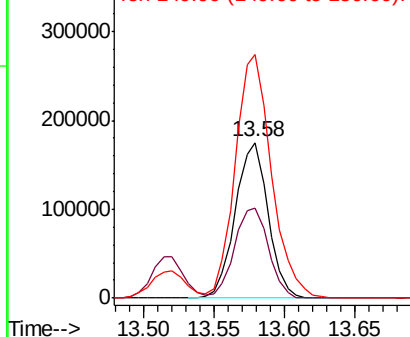
152 100

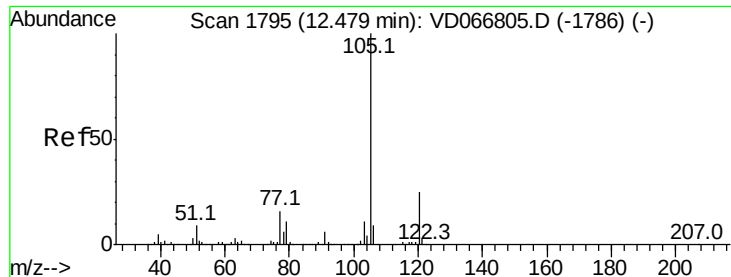
115 60.3 30.3 91.0

150 172.6 0.0 346.2



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





#73

Isopropylbenzene

Concen: 51.845 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

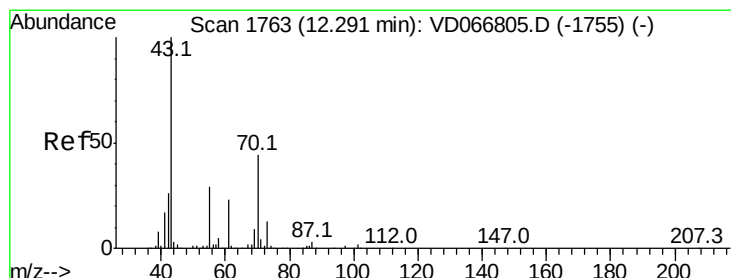
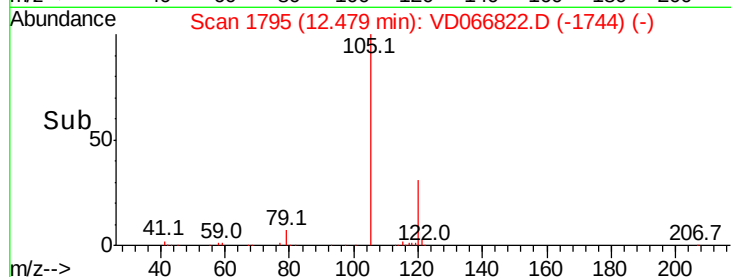
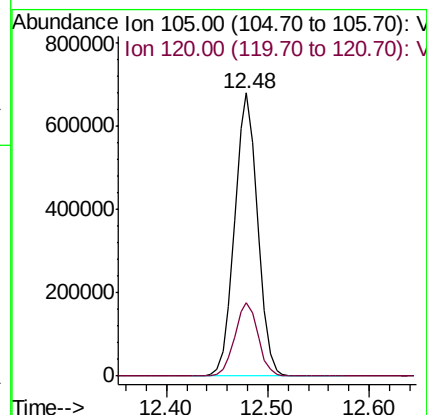
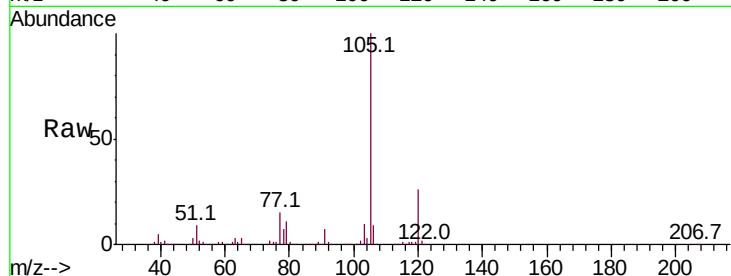
VSTDCCC050EC

Tot Ion:105 Resp: 1063889

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 51.956 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion: 43 Resp: 208208

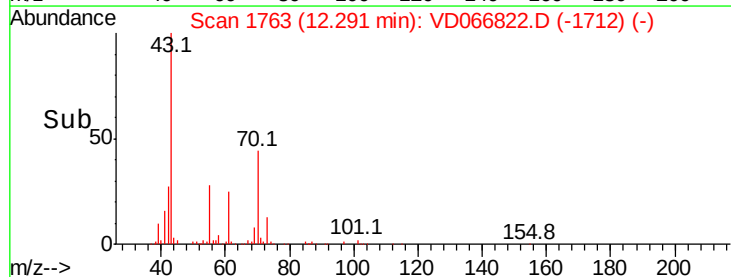
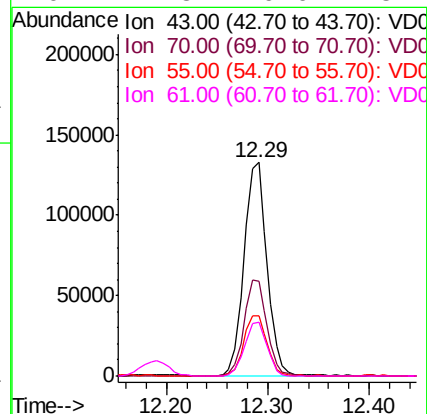
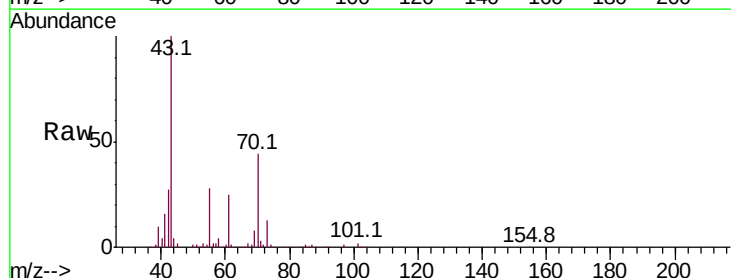
Ion Ratio Lower Upper

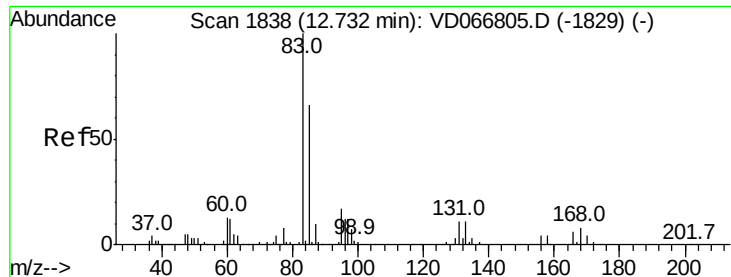
43 100

70 44.8 36.1 54.1

55 28.9 21.8 32.8

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.502 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

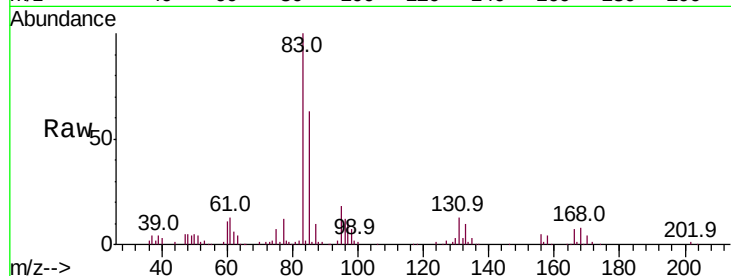
Tot Ion: 83 Resp: 171743

Ion Ratio Lower Upper

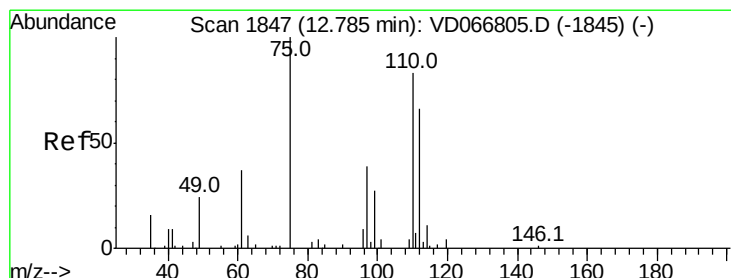
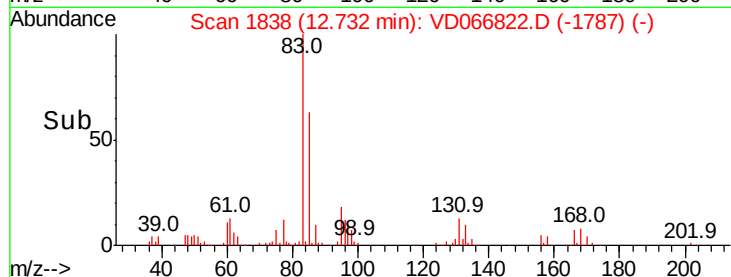
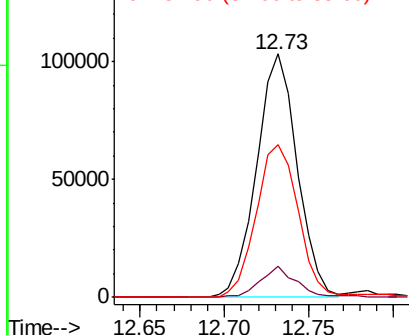
83 100

131 11.6 5.5 16.7

85 65.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 100.322 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066822.D

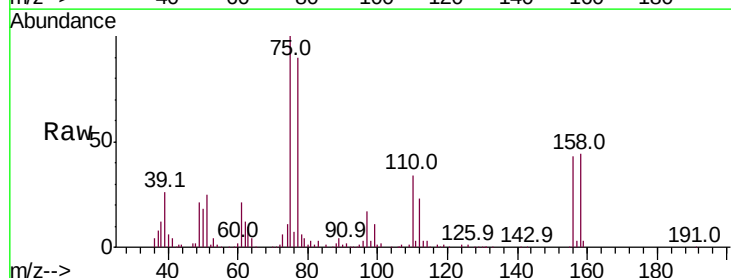
Acq: 22 Sep 2020 20:25

Tgt Ion: 75 Resp: 236168

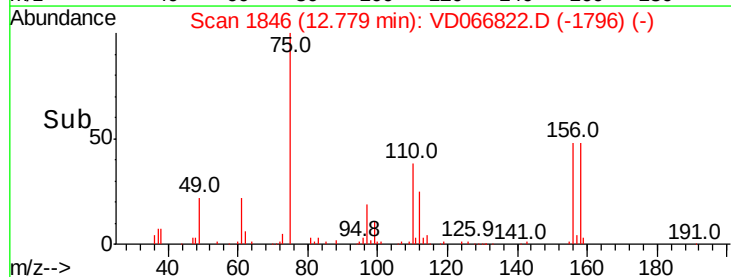
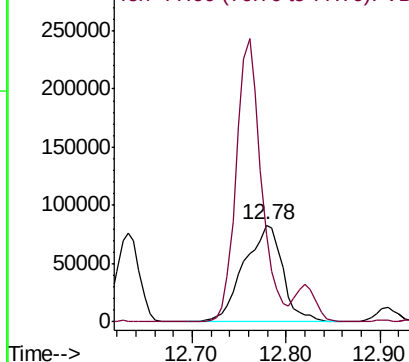
Ion Ratio Lower Upper

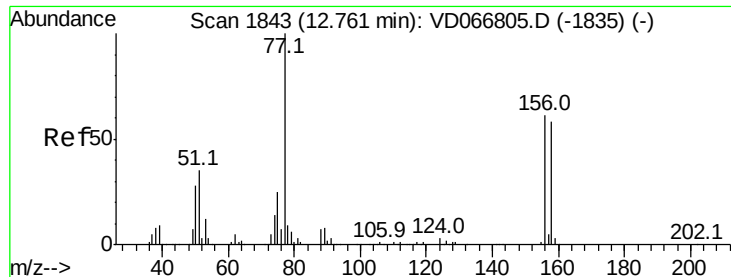
75 100

77 191.9 0.0 0.0#



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





#77

Bromobenzene

Concen: 50.957 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

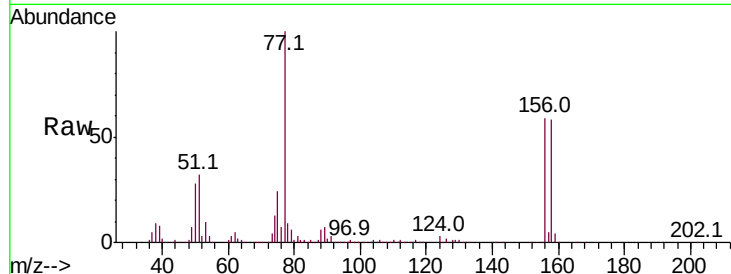
Tot Ion:156 Resp: 244563

Ion Ratio Lower Upper

156 100

77 185.3 92.3 276.9

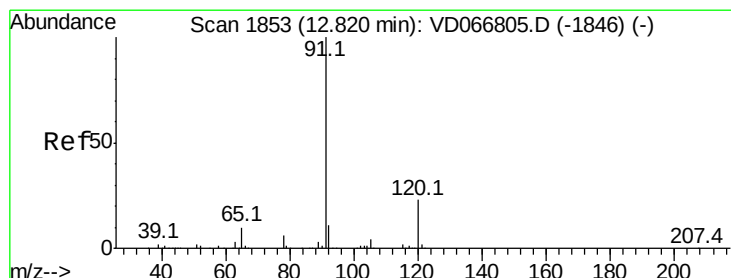
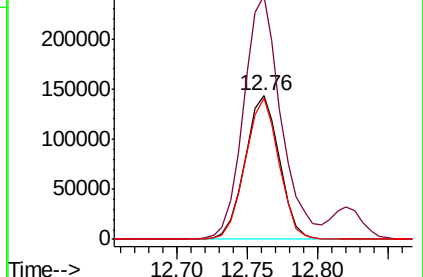
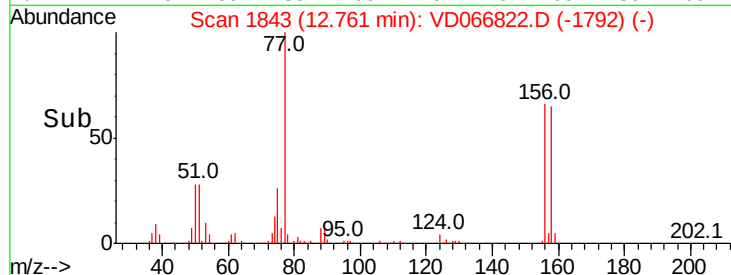
158 95.9 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.118 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066822.D

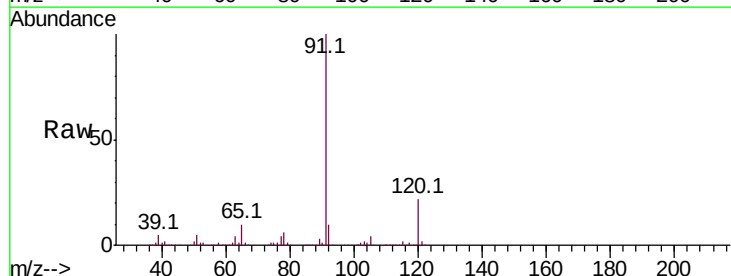
Acq: 22 Sep 2020 20:25

Tgt Ion: 91 Resp: 1261960

Ion Ratio Lower Upper

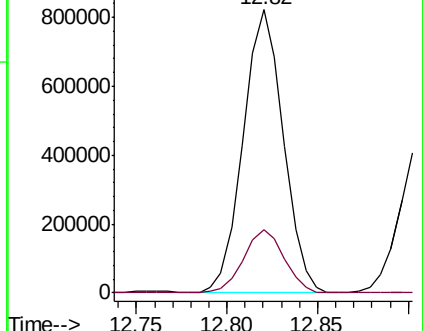
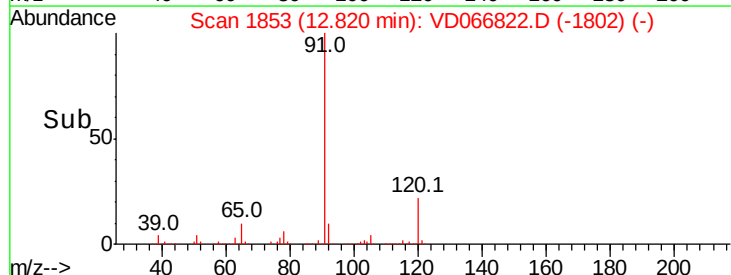
91 100

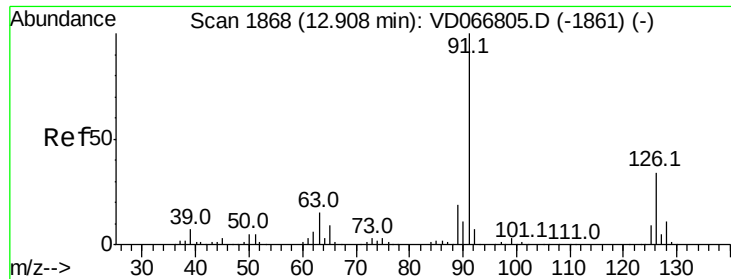
120 22.5 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.966 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

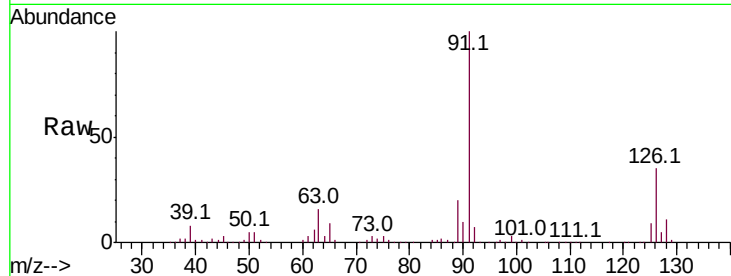
VSTDCCC050EC

Tot Ion: 91 Resp: 717004

Ion Ratio Lower Upper

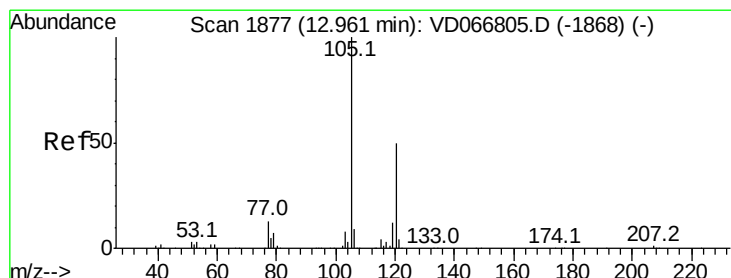
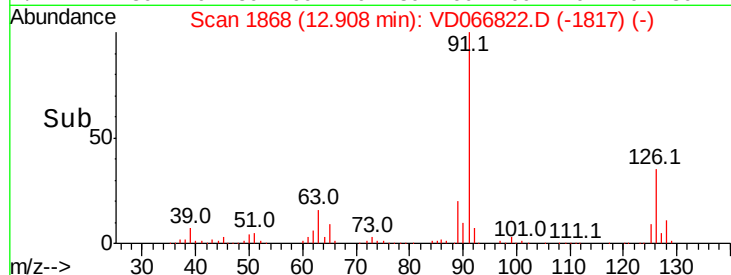
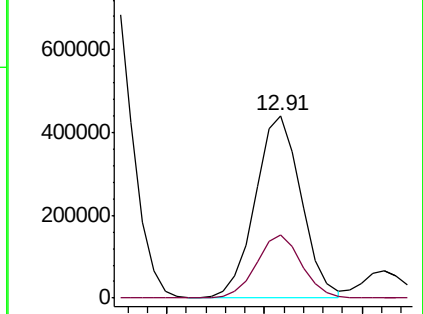
91 100

126 34.1 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.420 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066822.D

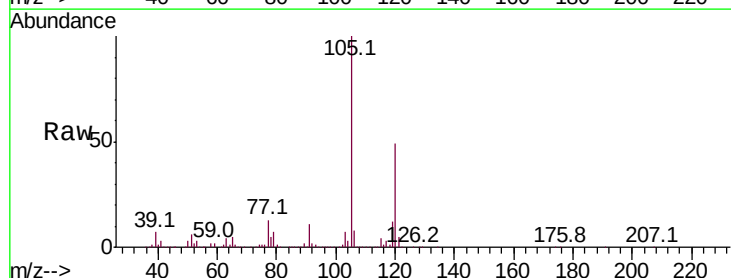
Acq: 22 Sep 2020 20:25

Tgt Ion:105 Resp: 912750

Ion Ratio Lower Upper

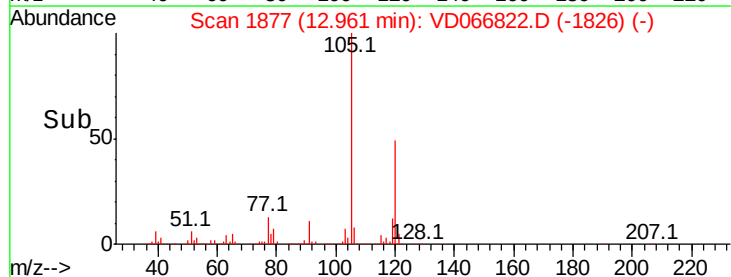
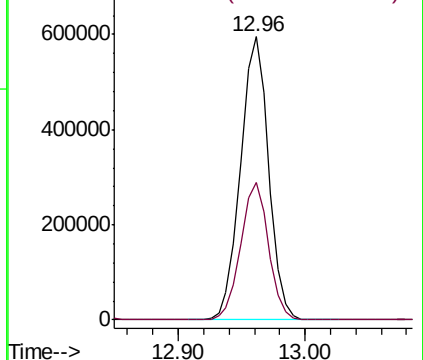
105 100

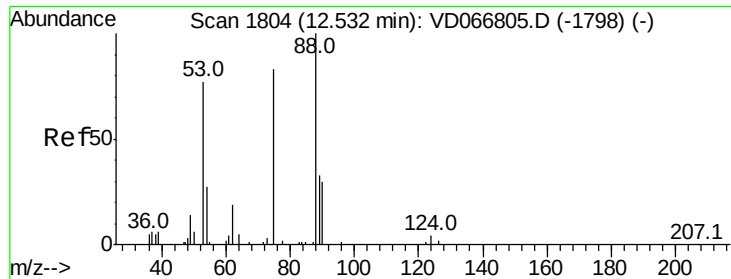
120 48.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.279 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

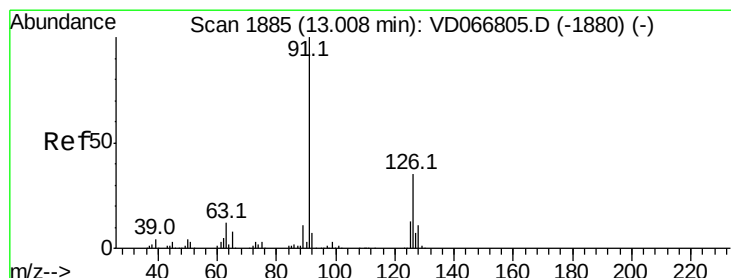
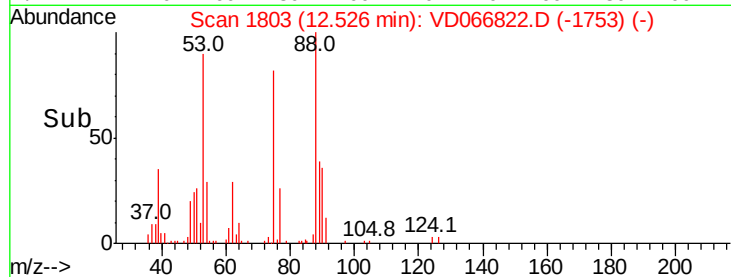
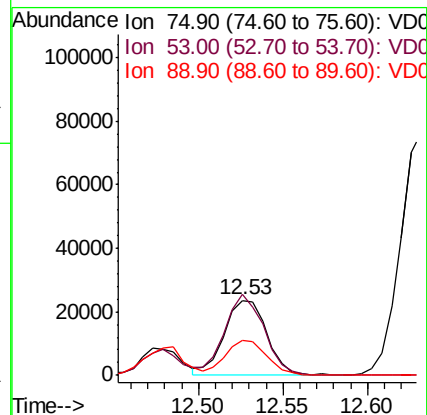
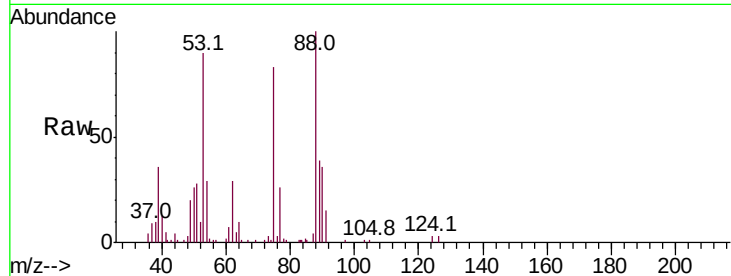
Tot Ion: 75 Resp: 41663

Ion Ratio Lower Upper

75 100

53 98.8 78.5 117.7

89 44.9 38.1 57.1



#82

4-Chlorotoluene

Concen: 51.329 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066822.D

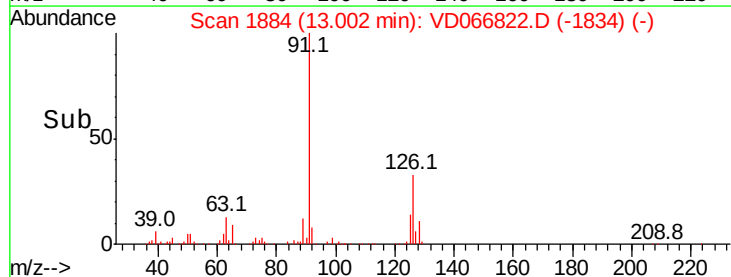
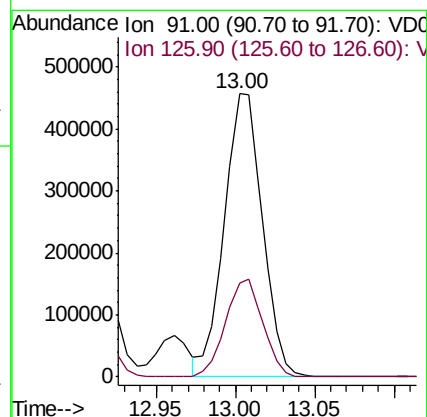
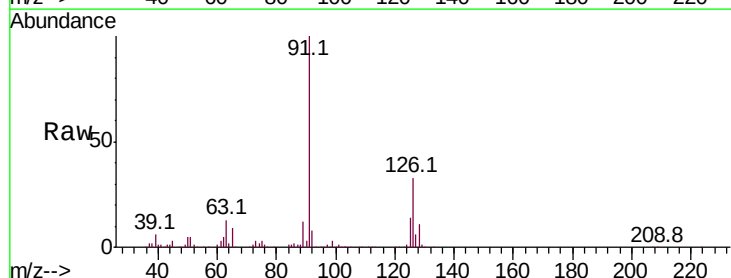
Acq: 22 Sep 2020 20:25

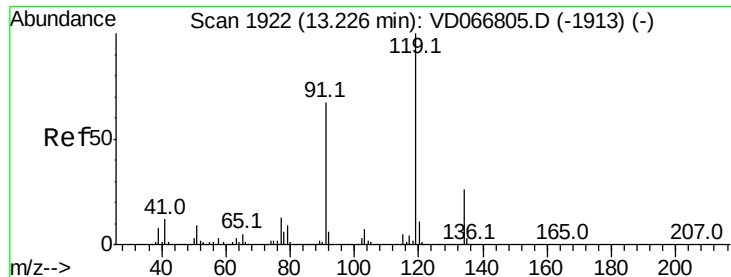
Tgt Ion: 91 Resp: 761199

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2

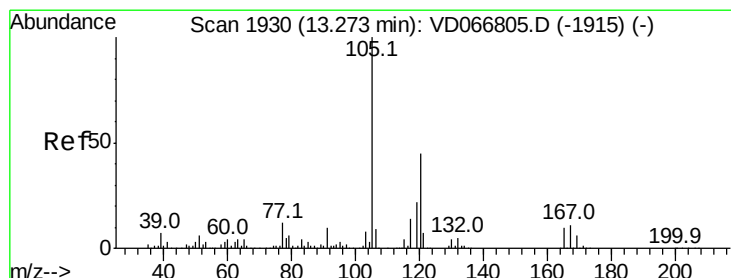
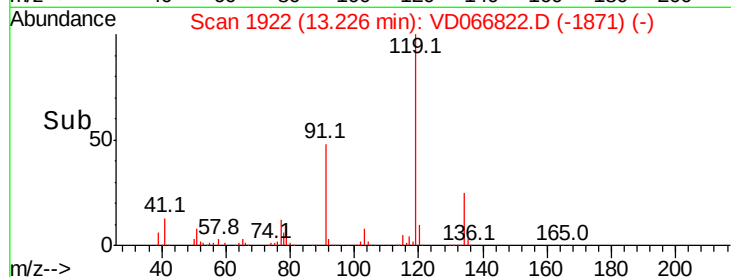
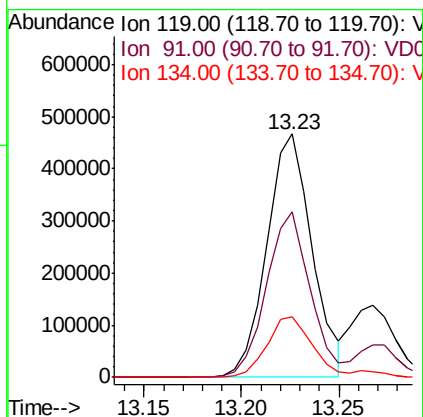
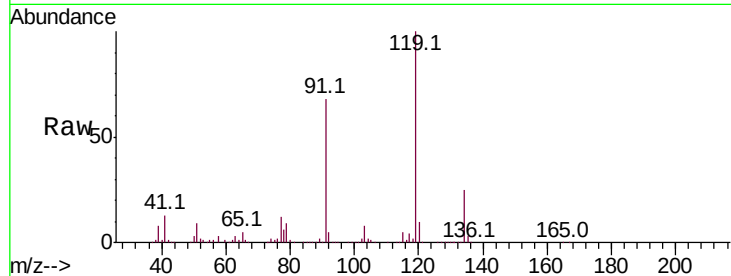




#83
 tert-Butylbenzene
 Concen: 52.537 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

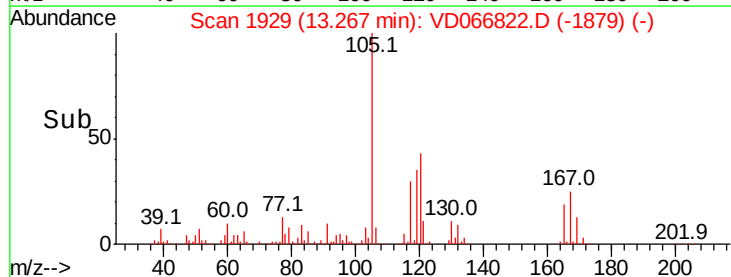
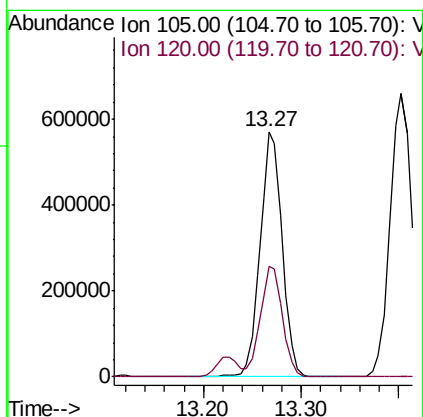
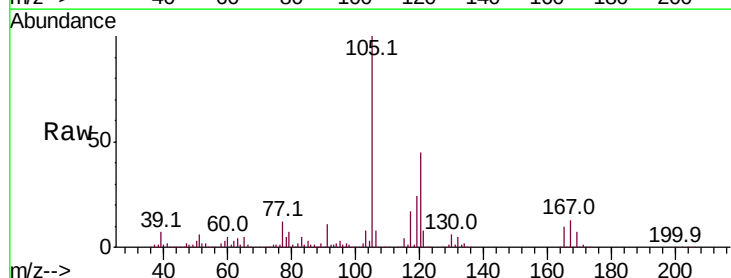
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

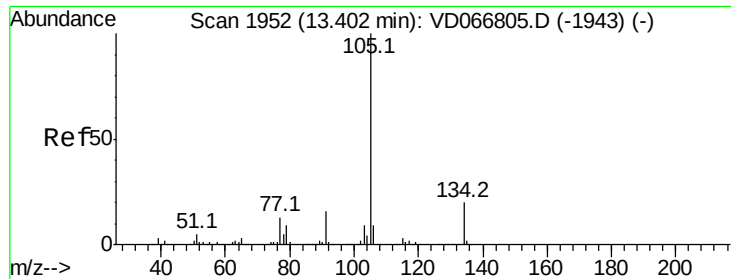
Tot Ion:119 Resp: 751698
 Ion Ratio Lower Upper
 119 100
 91 65.2 33.6 100.8
 134 25.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.714 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion:105 Resp: 910162
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.468 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

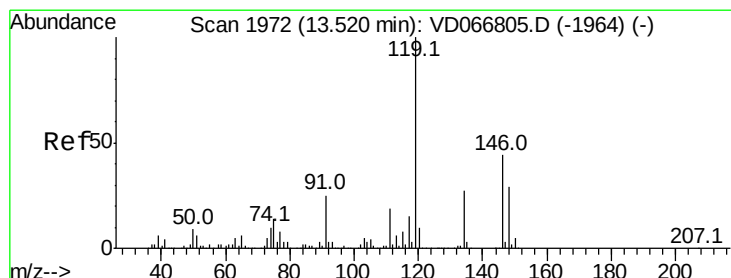
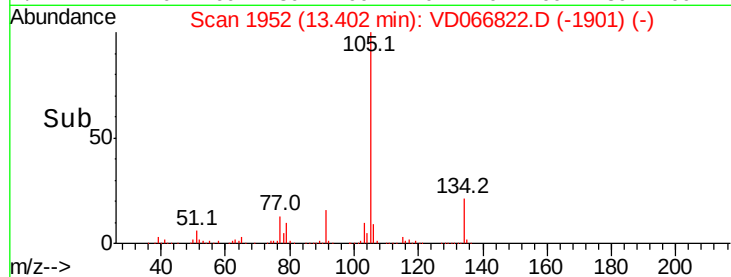
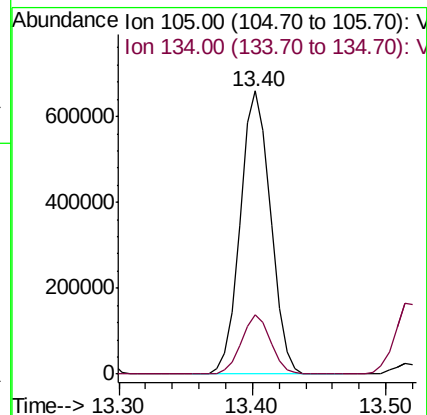
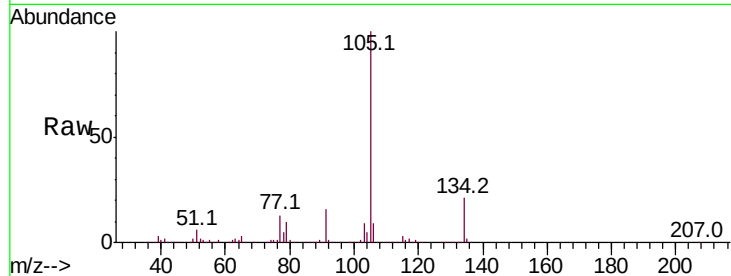
VSTDCCC050EC

Tot Ion:105 Resp: 1038380

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.214 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

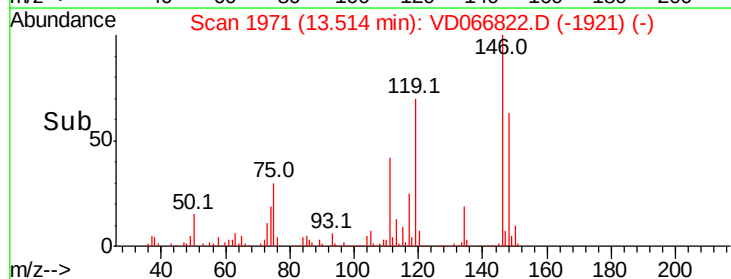
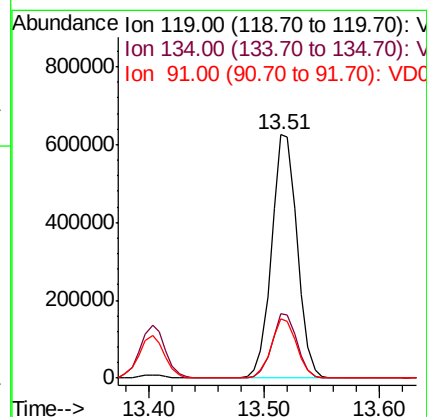
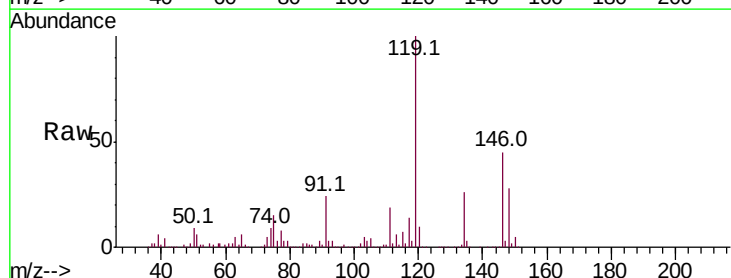
Tgt Ion:119 Resp: 968365

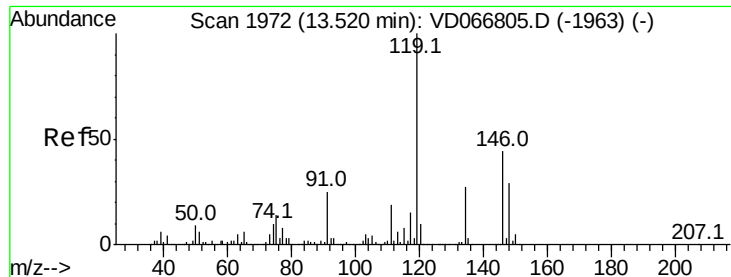
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 24.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.604 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

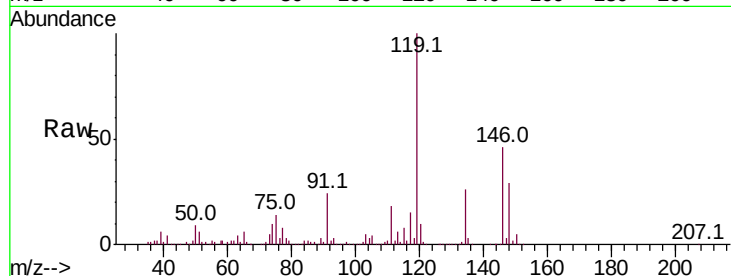
Tot Ion:146 Resp: 470335

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.9

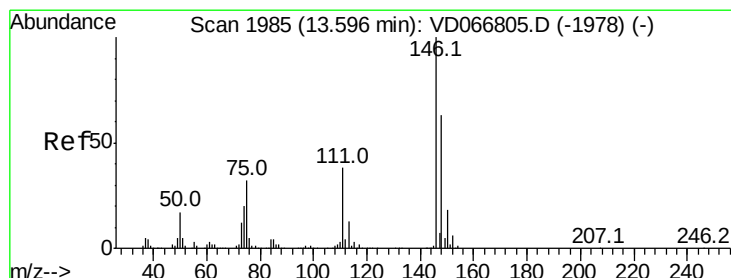
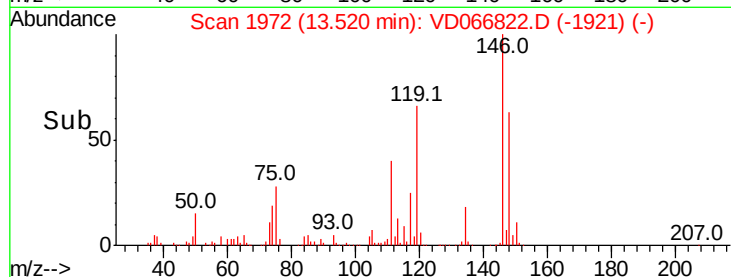
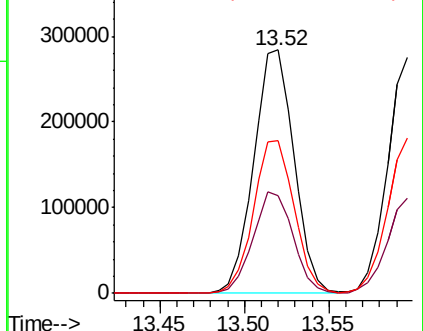
148 63.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.502 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

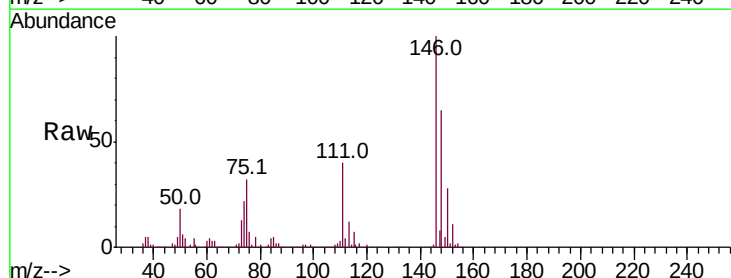
Tgt Ion:146 Resp: 456760

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.5

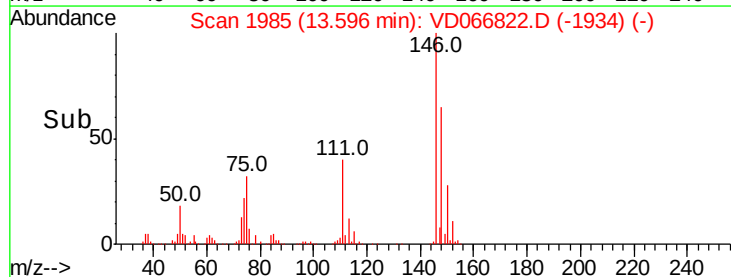
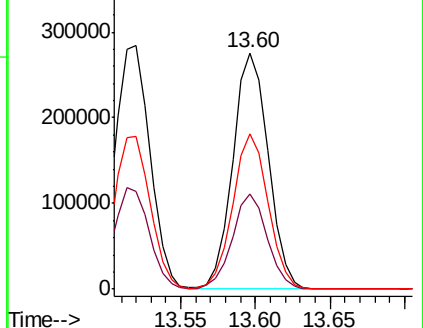
148 65.4 31.6 94.7

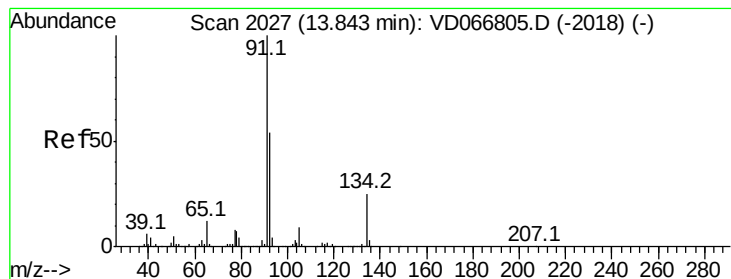


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.582 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

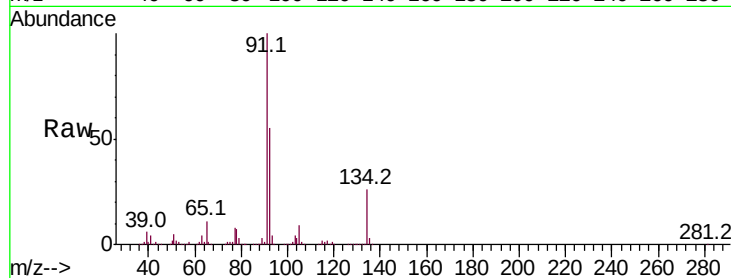
Tot Ion: 91 Resp: 891650

Ion Ratio Lower Upper

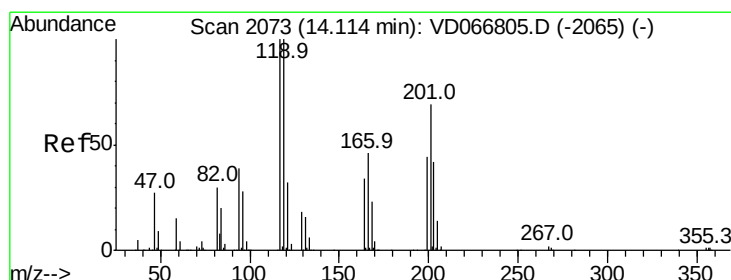
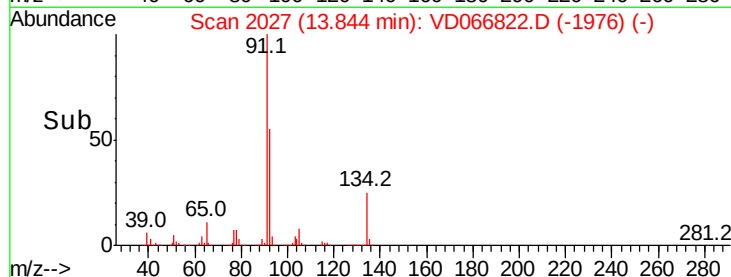
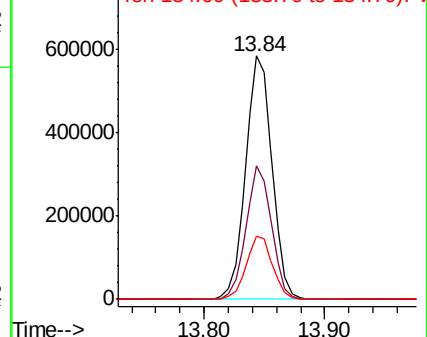
91 100

92 52.9 26.7 80.0

134 25.9 13.1 39.1



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



#90

Hexachloroethane

Concen: 47.139 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VD066822.D

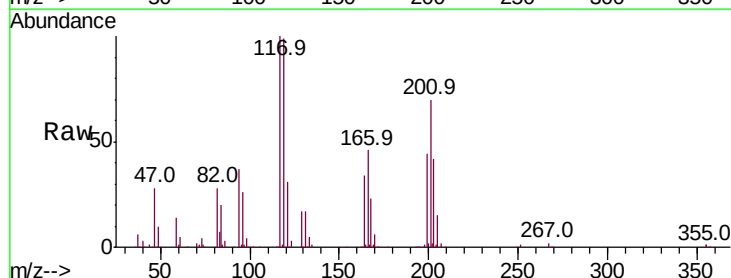
Acq: 22 Sep 2020 20:25

Tgt Ion: 117 Resp: 177487

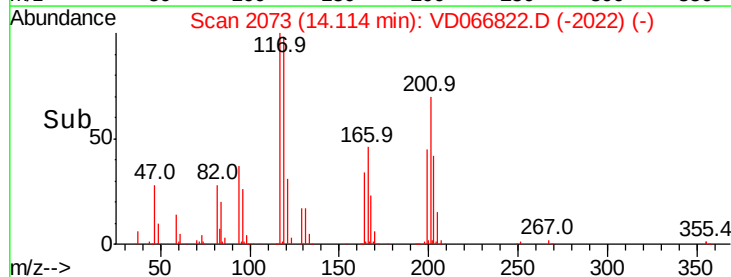
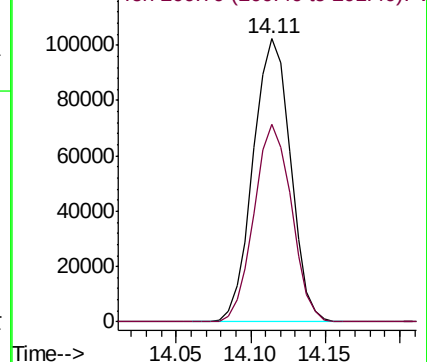
Ion Ratio Lower Upper

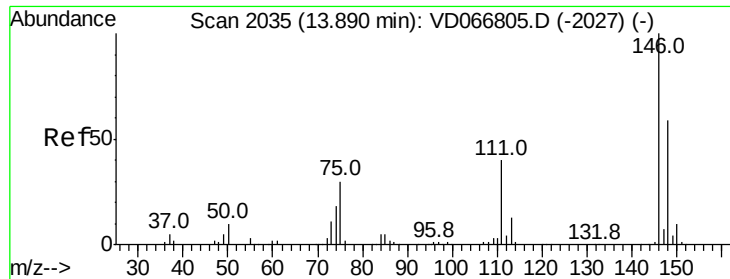
117 100

201 69.6 33.7 101.0



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

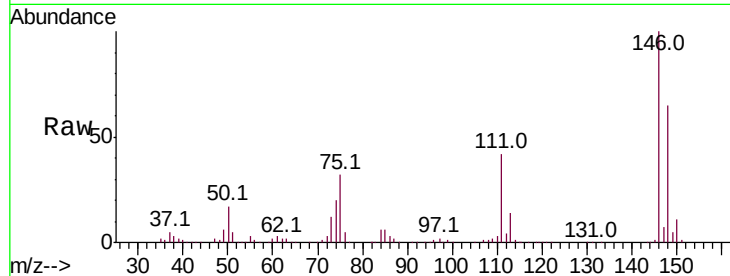




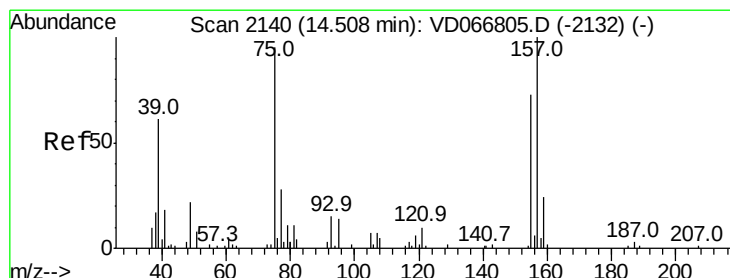
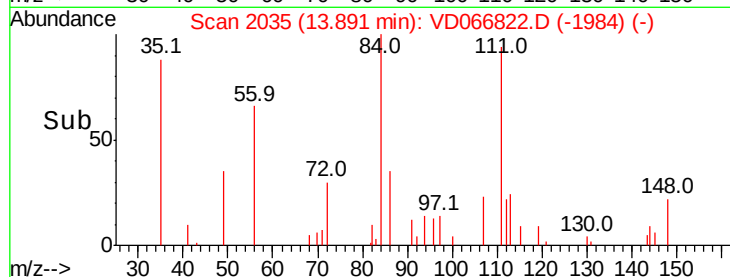
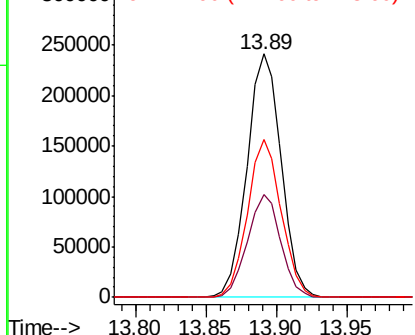
#91
 1,2-Dichlorobenzene
 Concen: 50.342 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 408379
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.9 62.7
 148 64.1 31.8 95.3

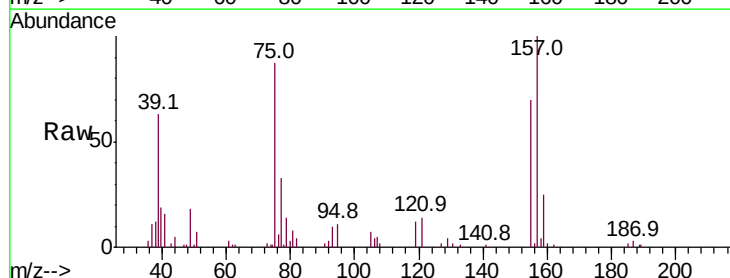


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

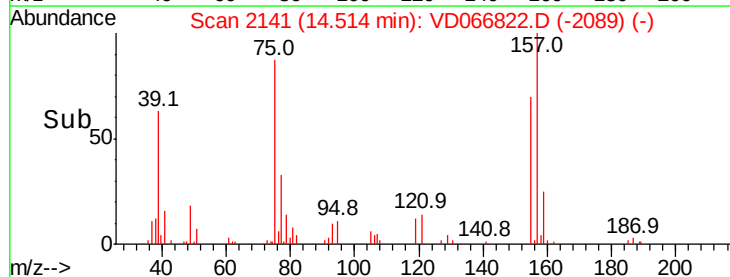
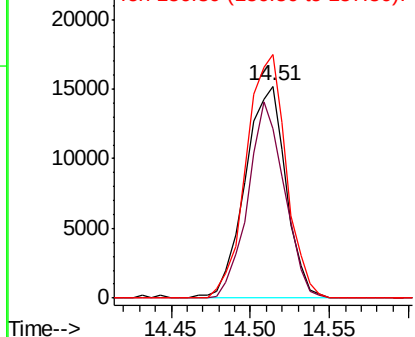


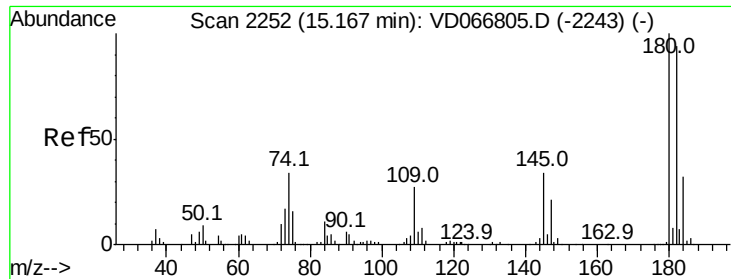
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.746 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion: 75 Resp: 27197
 Ion Ratio Lower Upper
 75 100
 155 82.5 40.4 121.2
 157 112.7 51.3 153.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

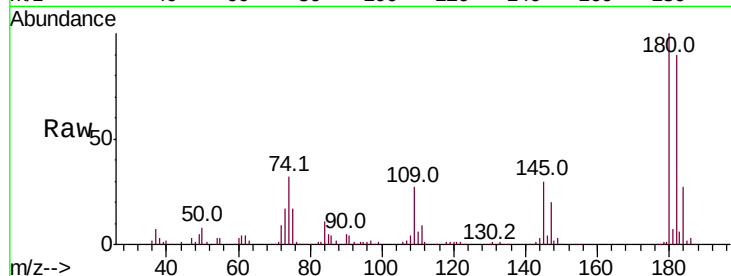




#93
 1,2,4-Trichlorobenzene
 Concen: 51.332 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.8	146.3
145	31.1	16.7	50.0

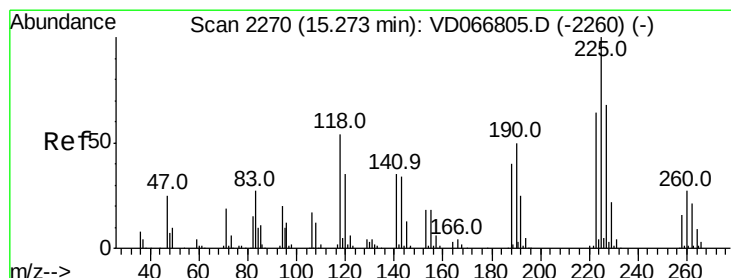
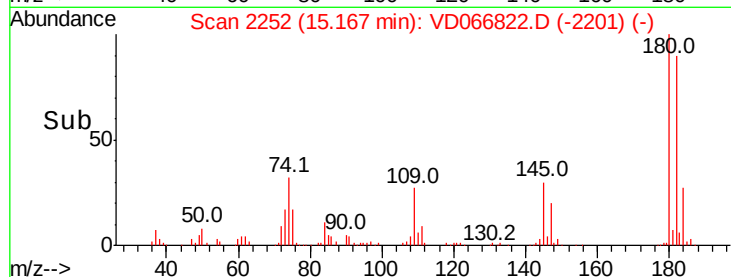
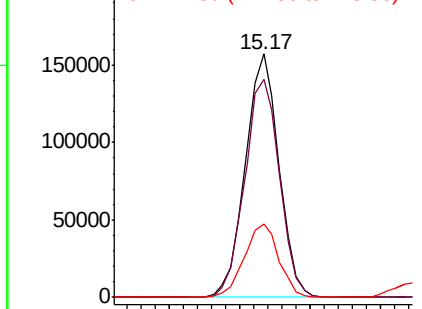


Abundance

Ion 179.80 (179.50 to 180.50): V

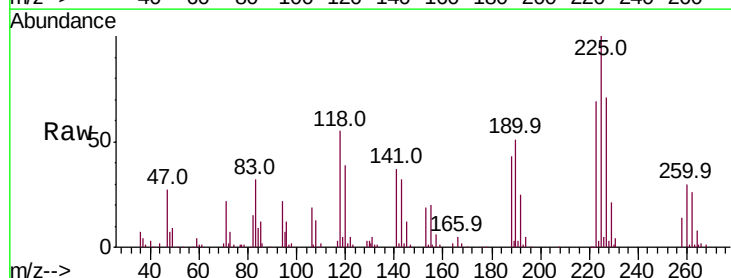
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.797 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.1	93.3
227	64.7	31.7	95.1

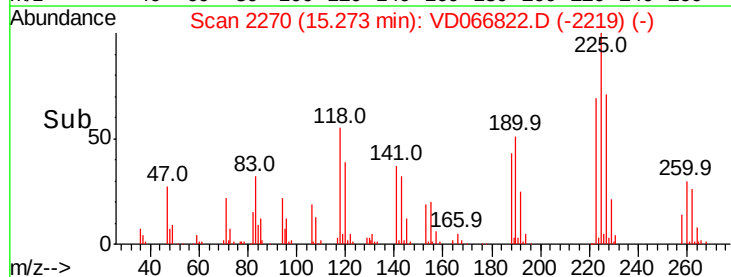
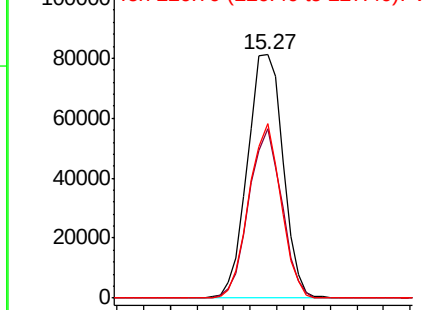


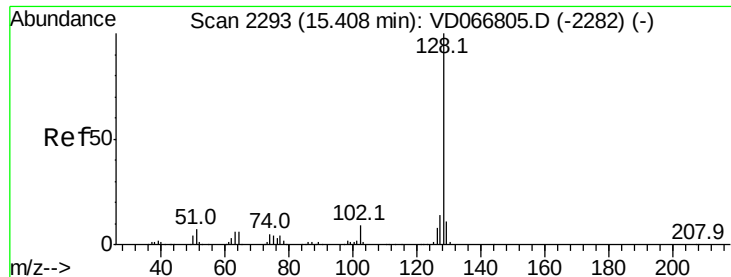
Abundance

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

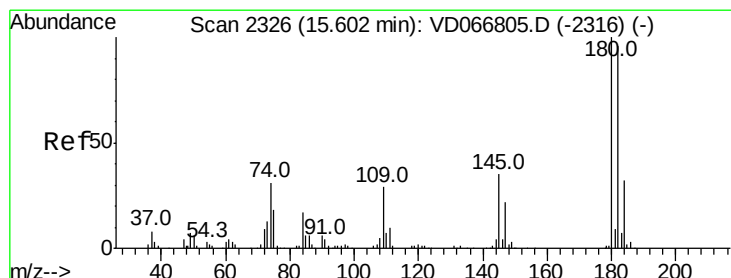
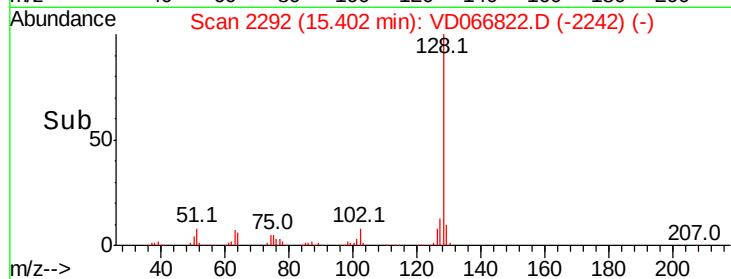
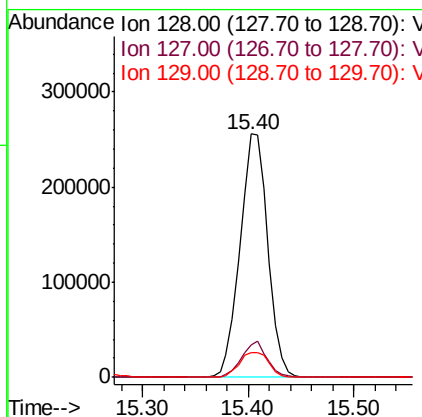
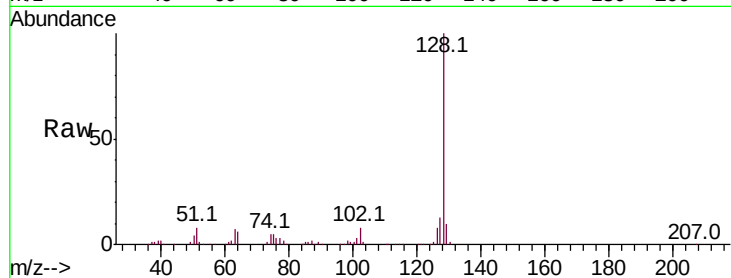




#95
Naphthalene
Concen: 53.676 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 465365
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.702 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion:180 Resp: 227882
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.3
145 34.5 17.0 51.0

