

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066904.D
 Acq On : 28 Sep 2020 10:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 00:53:47 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	424249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	659193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	598101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	288237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	180834	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	7.91	113	196535	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	10.34	98	698281	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.63	95	248228	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	143000	48.121	ug/l	92
3) Chloromethane	2.21	50	153411	39.357	ug/l	98
4) Vinyl Chloride	2.35	62	152869	39.697	ug/l	98
5) Bromomethane	2.77	94	113898	42.080	ug/l	96
6) Chloroethane	2.93	64	96542	40.370	ug/l	90
7) Trichlorofluoromethane	3.27	101	358872	45.376	ug/l	100
8) Diethyl Ether	3.71	74	91792	45.717	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	211640	46.149	ug/l	98
10) Methyl Iodide	4.30	142	192893	47.665	ug/l	96
11) Tert butyl alcohol	5.21	59	59505	234.189	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	194432	46.802	ug/l	95
13) Acrolein	3.92	56	80504	262.811	ug/l	92
14) Allyl chloride	4.71	41	277314	45.459	ug/l	98
15) Acrylonitrile	5.43	53	207788	233.526	ug/l	98
16) Acetone	4.15	43	200491	227.608	ug/l	97
17) Carbon Disulfide	4.41	76	556567	43.821	ug/l	99
18) Methyl Acetate	4.71	43	90629	45.808	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	450587	49.944	ug/l	99
20) Methylene Chloride	4.96	84	231916	48.623	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	224581	46.688	ug/l	94
22) Diisopropyl ether	6.36	45	587576	46.846	ug/l	98
23) Vinyl Acetate	6.30	43	1581590	232.440	ug/l	97
24) 1,1-Dichloroethane	6.26	63	378569	45.116	ug/l	98
25) 2-Butanone	7.21	43	241503	228.143	ug/l	99
26) 2,2-Dichloropropane	7.20	77	354202	46.056	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	256986	49.170	ug/l	96
28) Bromochloromethane	7.54	49	164317	47.401	ug/l #	93
29) Tetrahydrofuran	7.56	42	161880	238.665	ug/l	98
30) Chloroform	7.71	83	420004	46.435	ug/l	99
31) Cyclohexane	7.98	56	333697	44.198	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	389245	47.572	ug/l	98
36) 1,1-Dichloropropene	8.11	75	309732	47.362	ug/l	98
37) Ethyl Acetate	7.29	43	113016	47.804	ug/l	95
38) Carbon Tetrachloride	8.09	117	350493	49.022	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	381025	50.745	ug/l	97
40) Benzene	8.34	78	882254	48.406	ug/l	96
41) Methacrylonitrile	7.52	41	52729	36.268	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	253756	47.096	ug/l	99
43) Isopropyl Acetate	8.45	43	217097	47.630	ug/l	99
44) Trichloroethene	9.11	130	255738	49.227	ug/l	93
45) 1,2-Dichloropropane	9.38	63	218703	47.692	ug/l	100
46) Dibromomethane	9.47	93	122264	49.072	ug/l	94
47) Bromodichloromethane	9.66	83	318183	47.539	ug/l #	99
48) Methyl methacrylate	9.45	41	114926	51.140	ug/l	95
49) 1,4-Dioxane	9.45	88	29928	1066.066	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	569391	246.537	ug/l	98
52) Toluene	10.40	92	589077	50.177	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	294483	51.694	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	349935	50.378	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	170270	49.712	ug/l	97
56) Ethyl methacrylate	10.66	69	194222	52.932	ug/l	96
57) 1,3-Dichloropropane	10.94	76	280239	49.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	412441	237.392	ug/l	97
59) 2-Hexanone	10.98	43	399544	256.528	ug/l	96
60) Dibromochloromethane	11.14	129	228736	51.168	ug/l	99
61) 1,2-Dibromoethane	11.24	107	163804	51.417	ug/l	99
64) Tetrachloroethene	10.87	164	220516	51.256	ug/l	97
65) Chlorobenzene	11.67	112	622408	49.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	241758	51.307	ug/l	99
67) Ethyl Benzene	11.74	91	1116490	51.061	ug/l	100
68) m/p-Xylenes	11.85	106	865706	104.570	ug/l	99
69) o-Xylene	12.18	106	390851	52.212	ug/l	99
70) Styrene	12.19	104	683364	52.566	ug/l	99
71) Bromoform	12.36	173	125036	52.410	ug/l #	96
73) Isopropylbenzene	12.48	105	1092379	52.462	ug/l	99
74) N-amyl acetate	12.28	43	201971	49.670	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	176776	49.200	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	228368	95.604	ug/l #	100
77) Bromobenzene	12.76	156	253112	51.975	ug/l	95
78) n-propylbenzene	12.82	91	1282332	51.191	ug/l	99
79) 2-Chlorotoluene	12.91	91	709058	49.672	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	918481	51.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52035	54.502	ug/l	96
82) 4-Chlorotoluene	13.00	91	752443	50.004	ug/l	99
83) tert-Butylbenzene	13.23	119	771391	53.133	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	910421	51.966	ug/l	99
85) sec-Butylbenzene	13.40	105	1086327	52.034	ug/l	99
86) p-Isopropyltoluene	13.52	119	1001668	53.228	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	477934	49.676	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	468145	48.991	ug/l	98
89) n-Butylbenzene	13.84	91	935596	52.307	ug/l	100
90) Hexachloroethane	14.11	117	187472	49.070	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	416314	50.577	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29183	50.491	ug/l	95

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

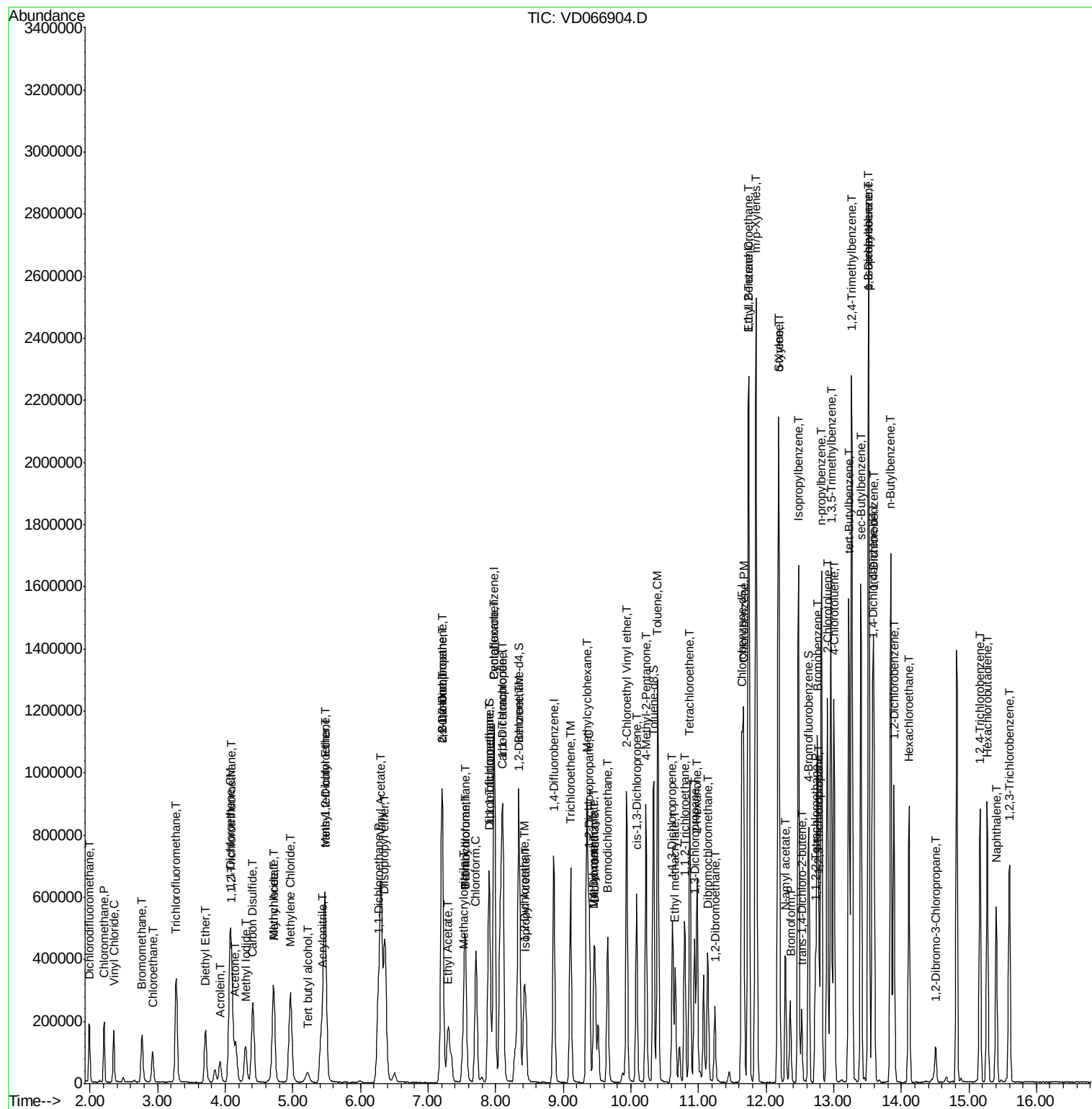
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	283774	54.765	ug/l	97
94) Hexachlorobutadiene	15.27	225	167668	53.998	ug/l	98
95) Naphthalene	15.41	128	497491	56.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	243408	54.425	ug/l	99

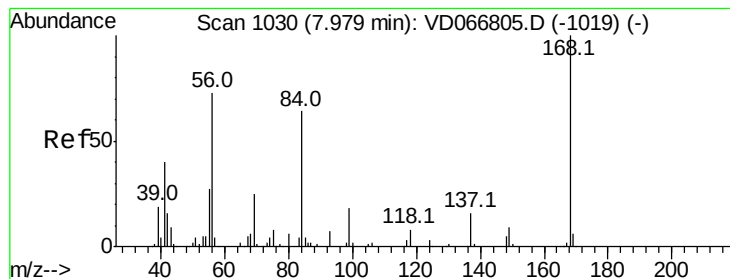
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

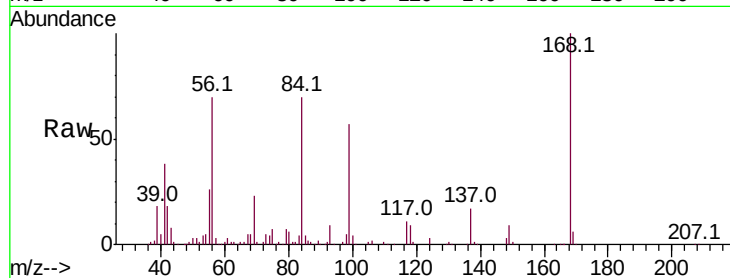
VSTDCCC050

Tot Ion:168 Resp: 424249

Ion Ratio Lower Upper

168 100

99 56.8 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

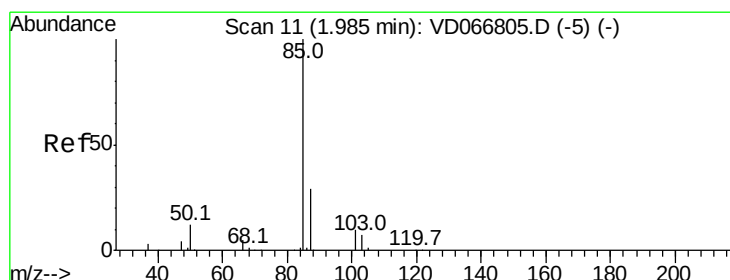
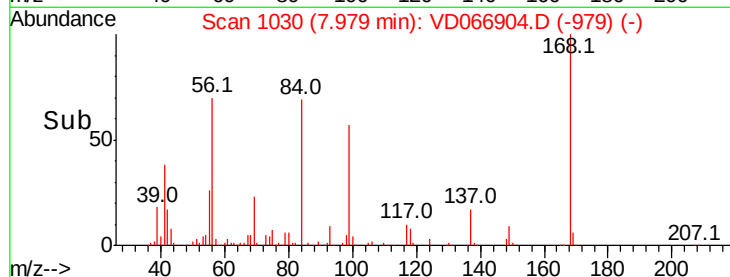
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.121 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066904.D

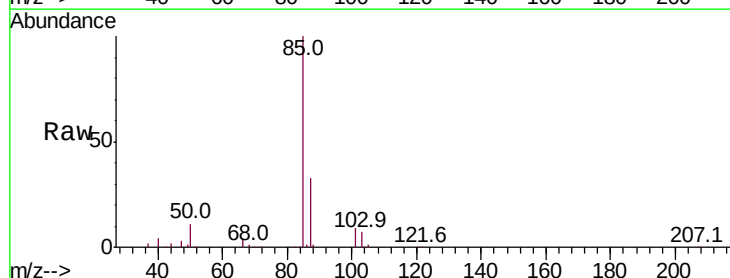
Acq: 28 Sep 2020 10:31

Tgt Ion: 85 Resp: 143000

Ion Ratio Lower Upper

85 100

87 33.1 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

120000

100000

80000

60000

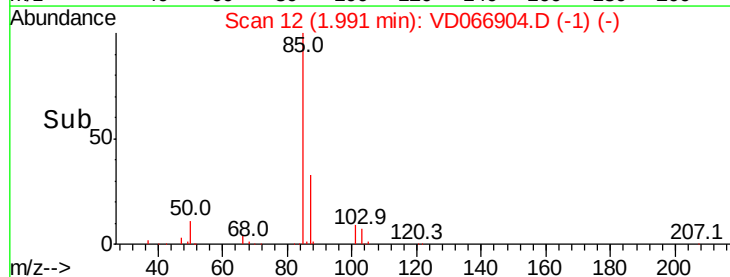
40000

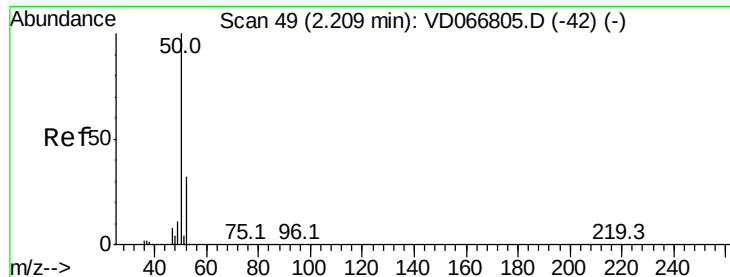
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 39.357 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

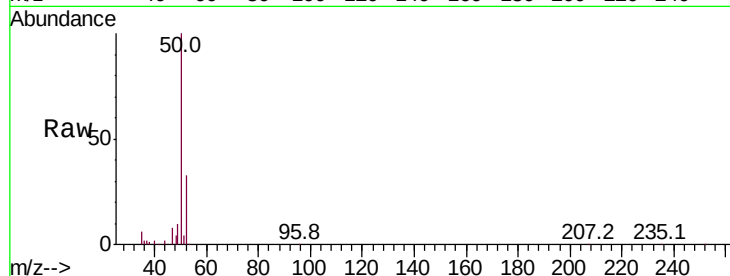
VSTDCCC050

Tot Ion: 50 Resp: 153411

Ion Ratio Lower Upper

50 100

52 33.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

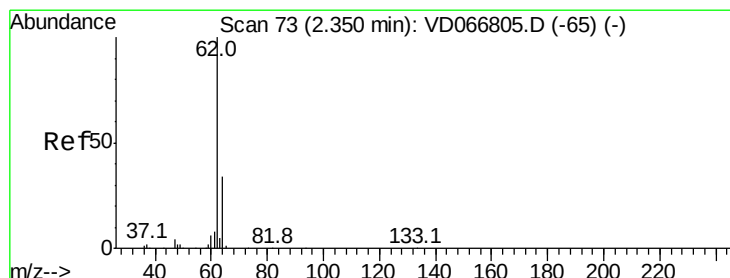
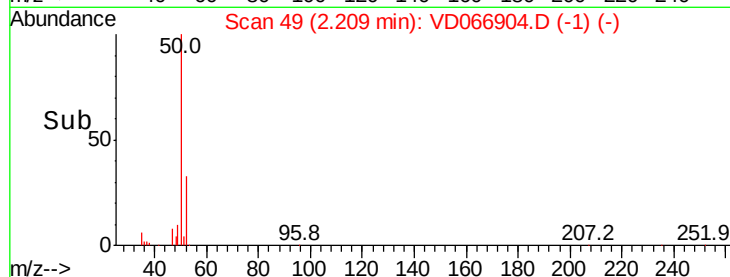
100000

50000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 39.697 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066904.D

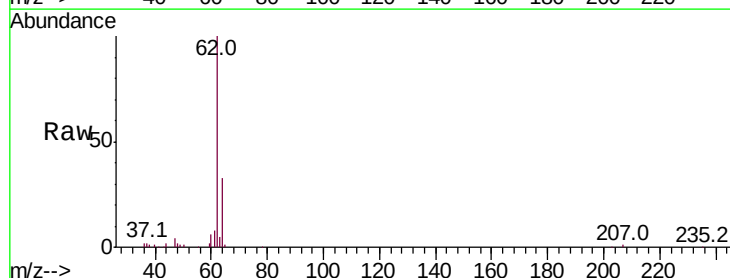
Acq: 28 Sep 2020 10:31

Tgt Ion: 62 Resp: 152869

Ion Ratio Lower Upper

62 100

64 32.6 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

100000

80000

60000

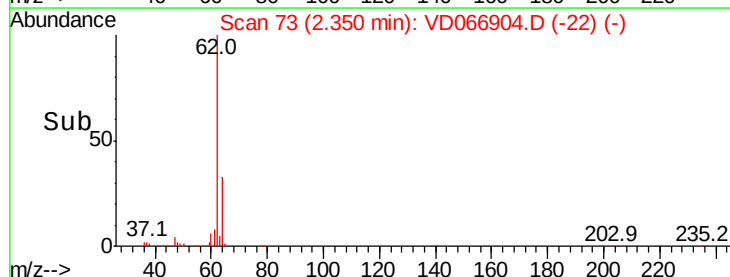
40000

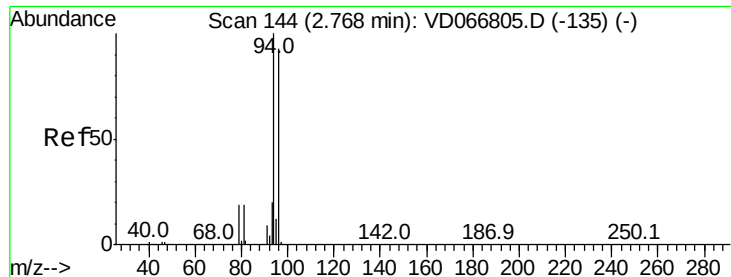
20000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 42.080 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

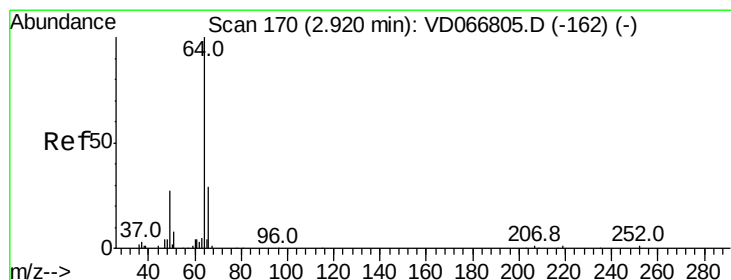
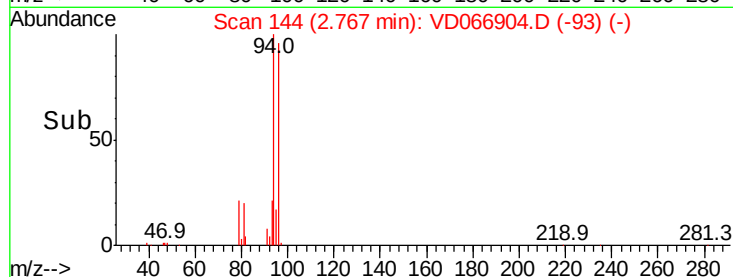
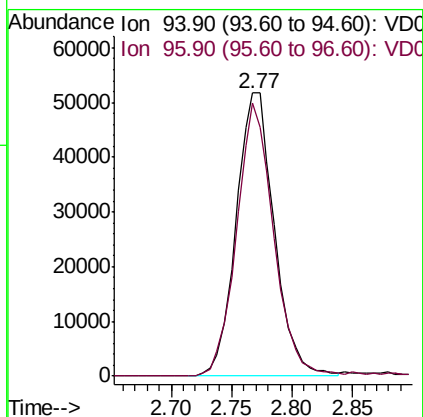
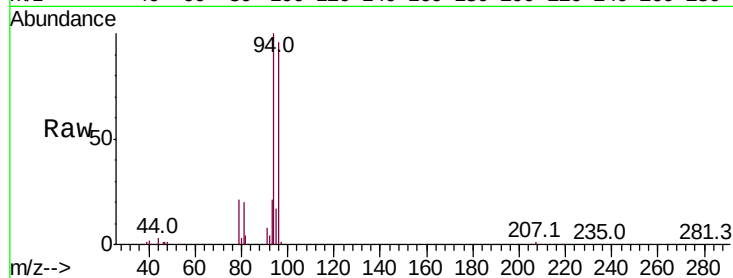
VSTDCCC050

Tot Ion: 94 Resp: 113898

Ion Ratio Lower Upper

94 100

96 96.5 74.3 111.5



#6

Chloroethane

Concen: 40.370 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066904.D

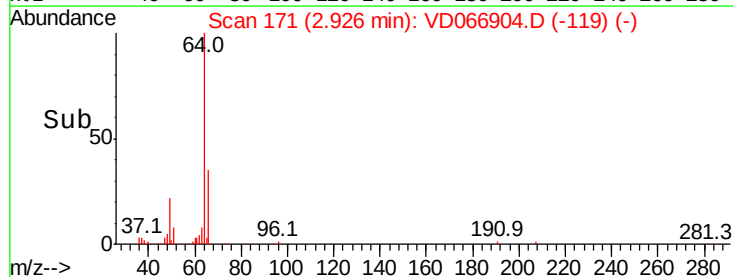
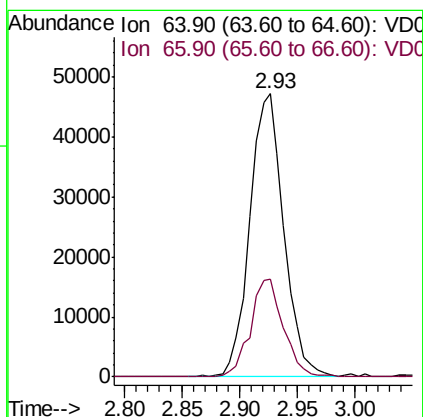
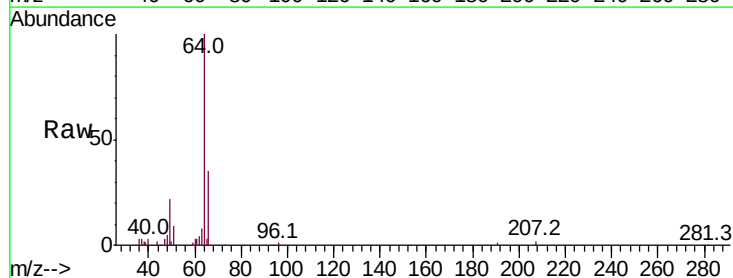
Acq: 28 Sep 2020 10:31

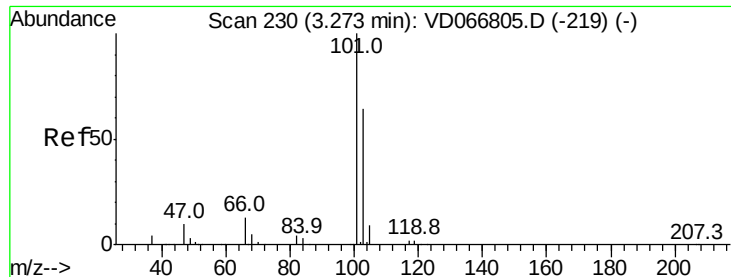
Tgt Ion: 64 Resp: 96542

Ion Ratio Lower Upper

64 100

66 34.5 23.3 34.9



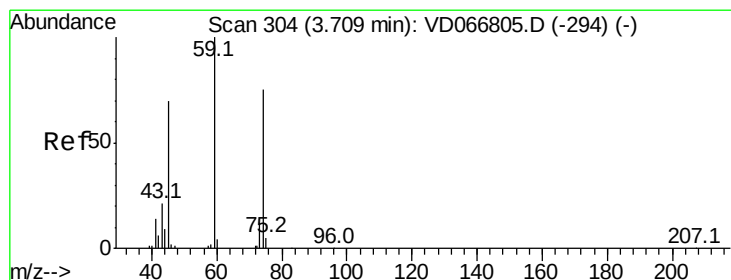
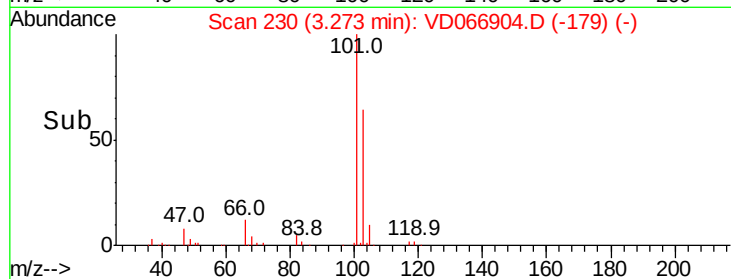
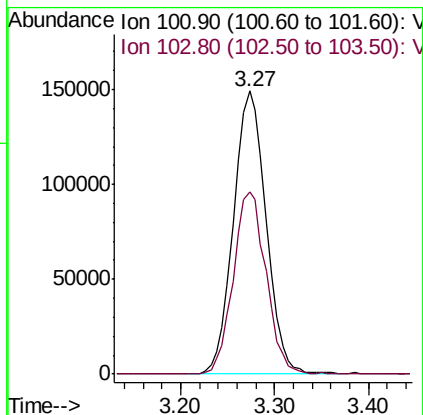
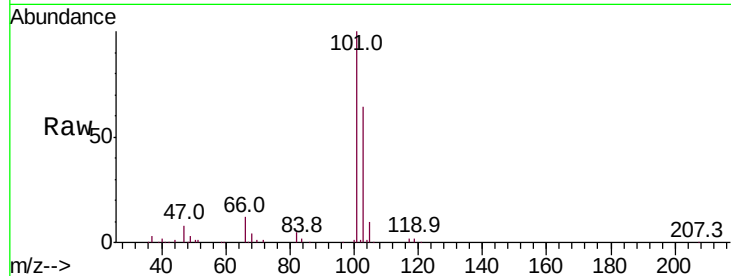


#7

Trichlorofluoromethane
 Concen: 45.376 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

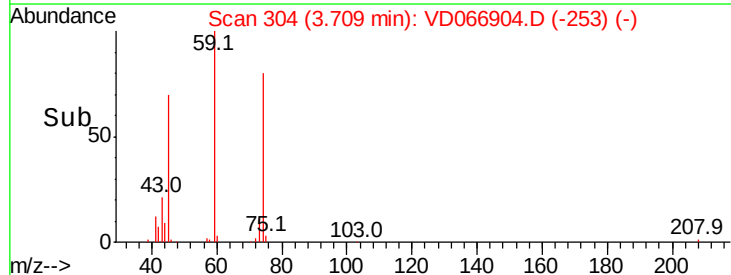
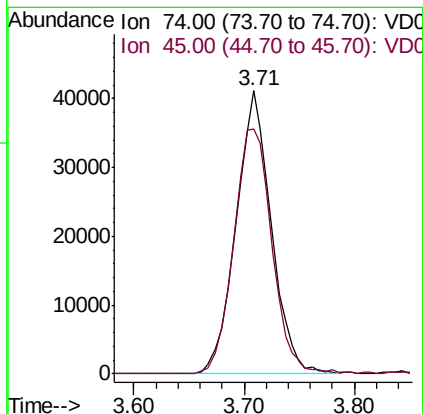
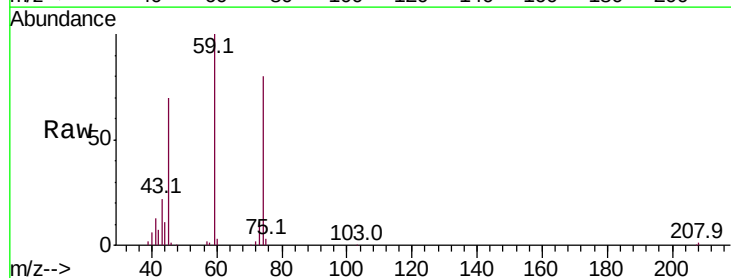
Tot Ion:101 Resp: 358872
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.6

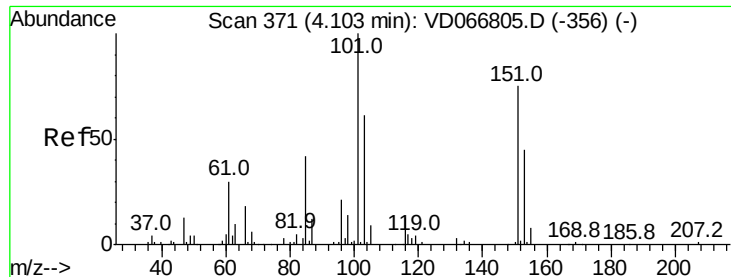


#8

Diethyl Ether
 Concen: 45.717 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion: 74 Resp: 91792
 Ion Ratio Lower Upper
 74 100
 45 94.1 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.149 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

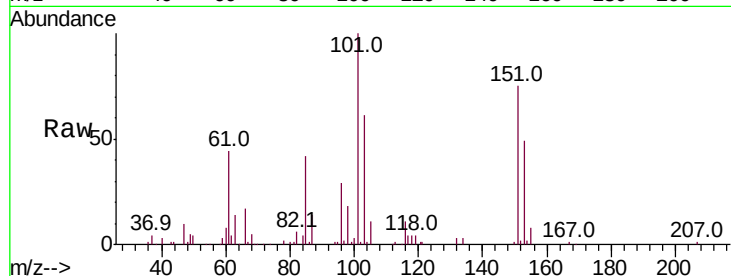
Tot Ion:101 Resp: 211640

Ion Ratio Lower Upper

101 100

85 43.1 35.4 53.2

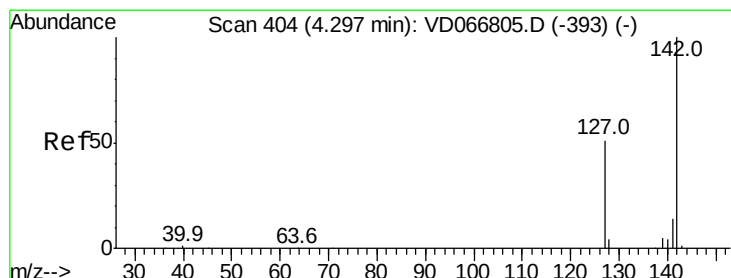
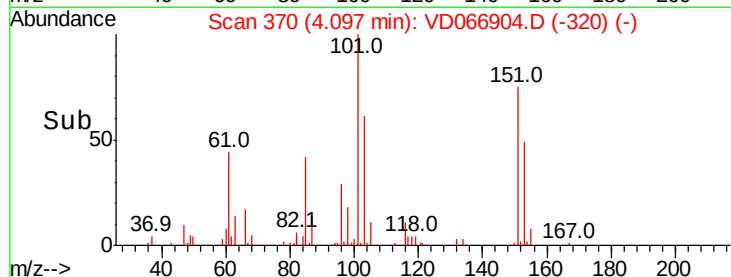
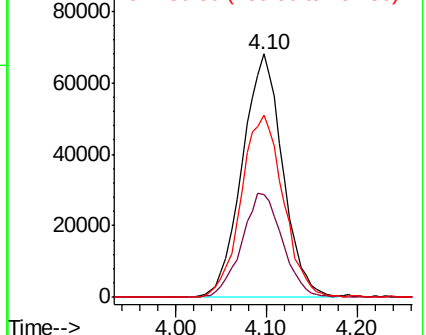
151 78.1 61.4 92.0



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: 47.665 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

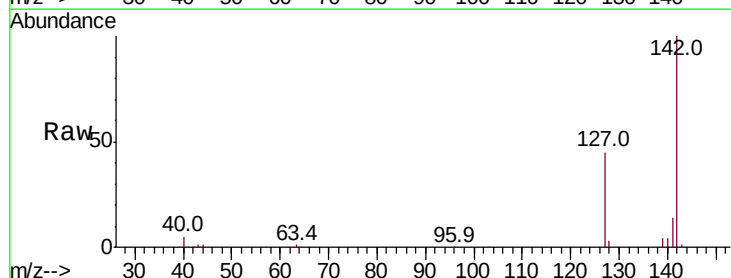
Tgt Ion:142 Resp: 192893

Ion Ratio Lower Upper

142 100

127 45.6 39.4 59.0

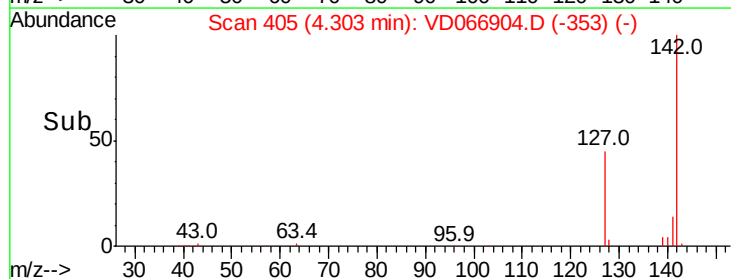
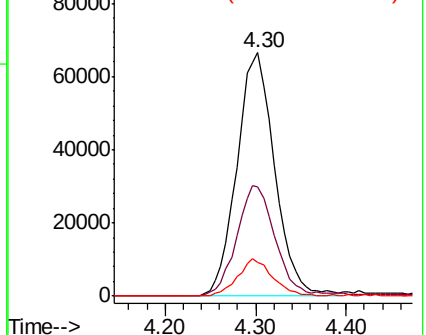
141 14.2 12.1 18.1

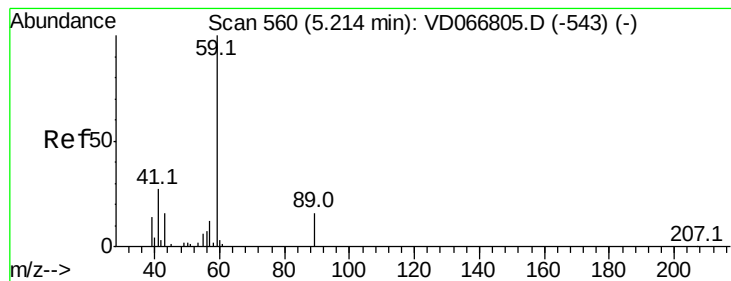


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 234.189 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

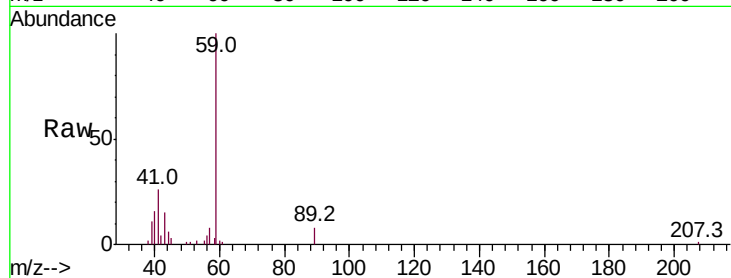
VSTDCCC050

Tot Ion: 59 Resp: 59505

Ion Ratio Lower Upper

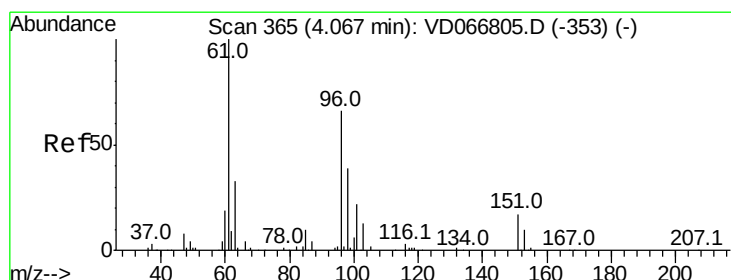
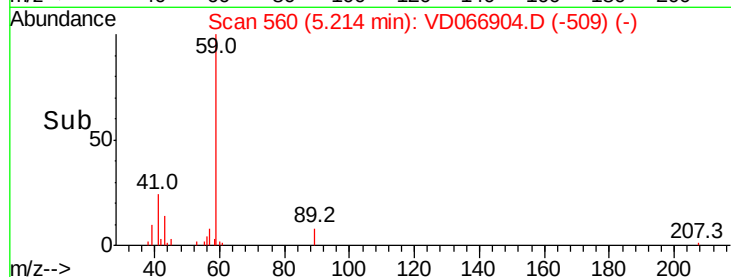
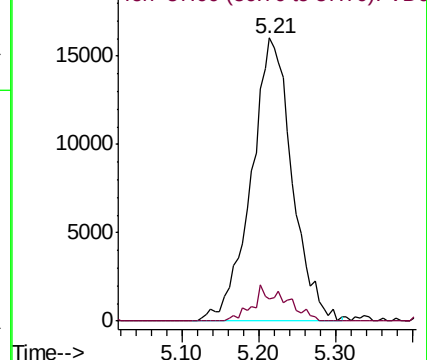
59 100

57 5.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.802 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

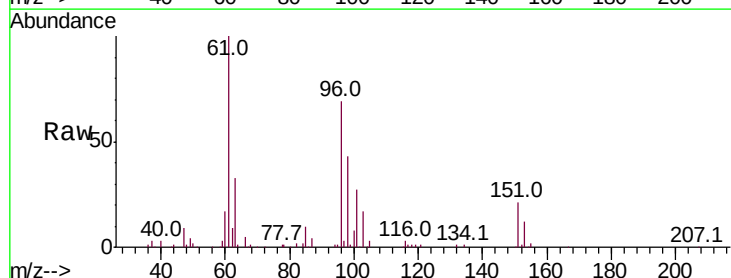
Tgt Ion: 96 Resp: 194432

Ion Ratio Lower Upper

96 100

61 144.1 120.8 181.2

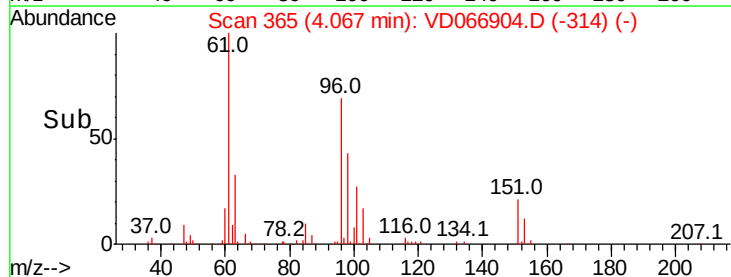
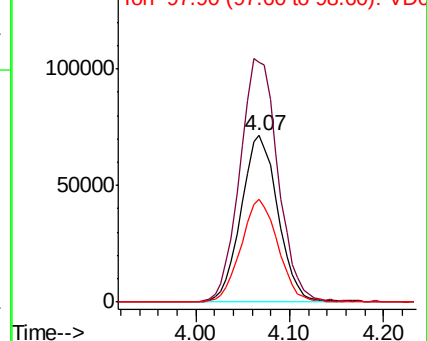
98 62.1 47.7 71.5

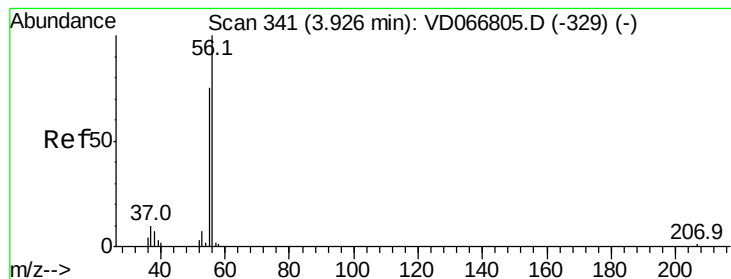


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 262.811 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

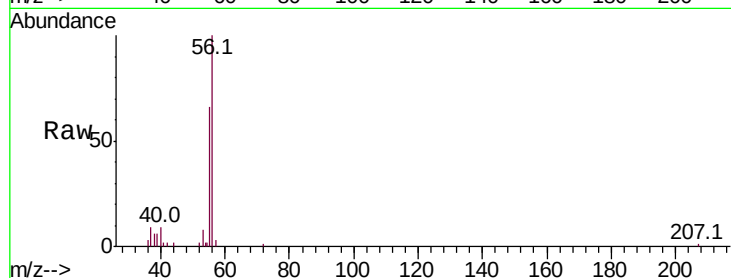
VSTDCCC050

Tot Ion: 56 Resp: 80504

Ion Ratio Lower Upper

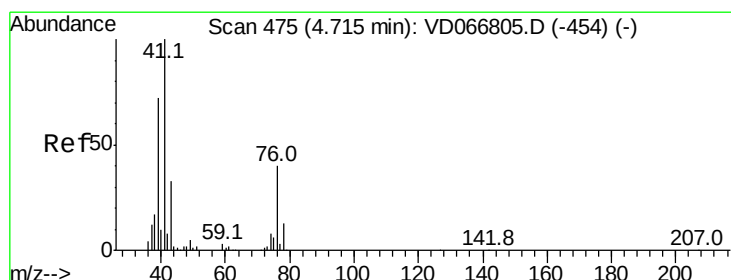
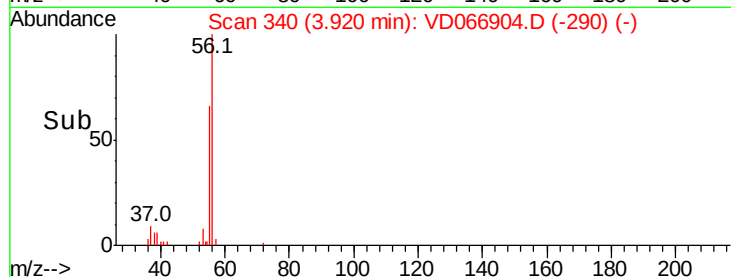
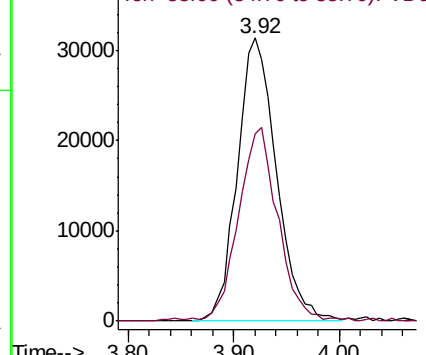
56 100

55 68.9 60.3 90.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 45.459 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

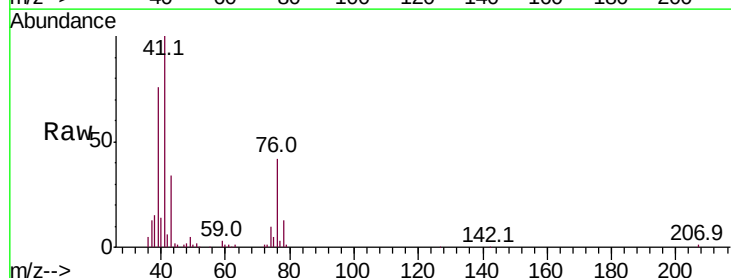
Tgt Ion: 41 Resp: 277314

Ion Ratio Lower Upper

41 100

39 71.6 57.8 86.8

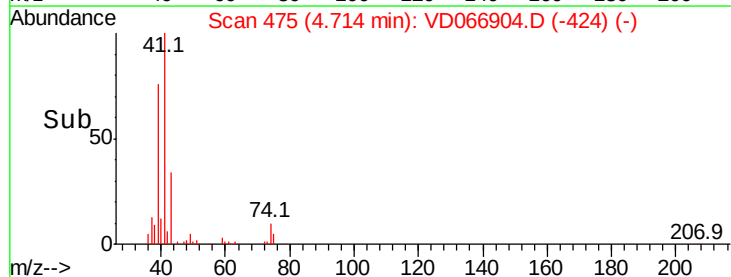
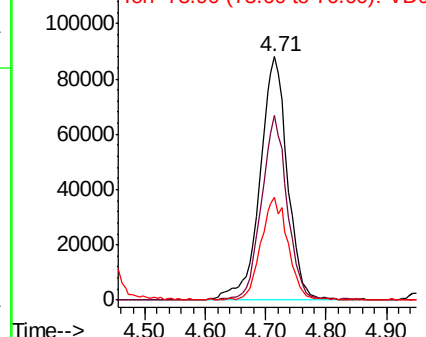
76 41.5 30.9 46.3

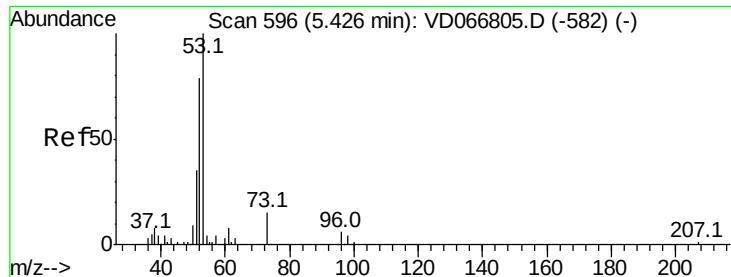


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 233.526 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

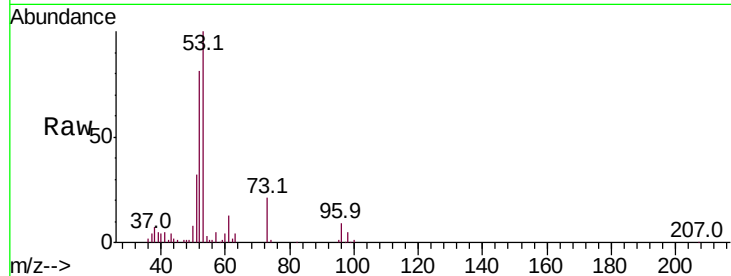
Tot Ion: 53 Resp: 207788

Ion Ratio Lower Upper

53 100

52 83.2 65.2 97.8

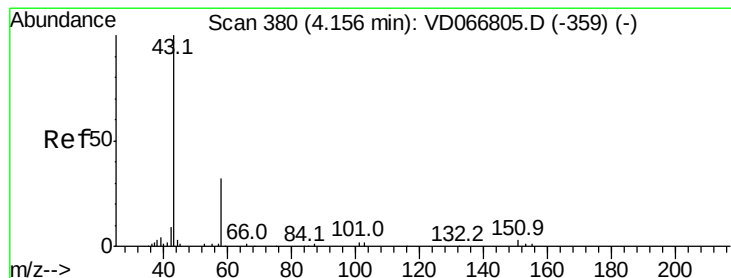
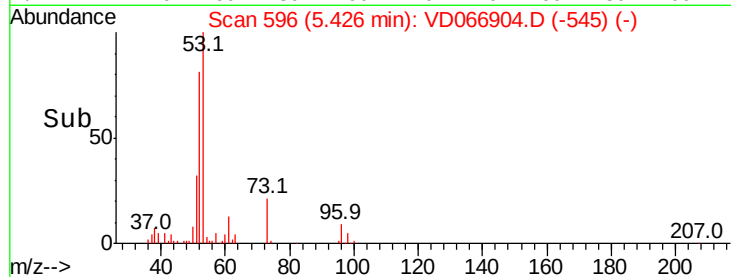
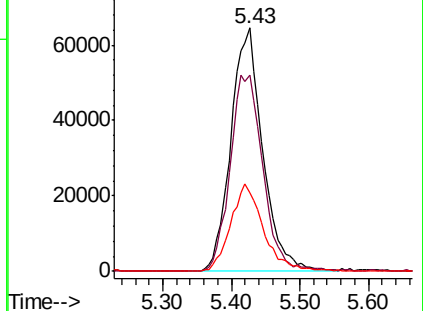
51 36.9 30.6 46.0



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: 227.608 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066904.D

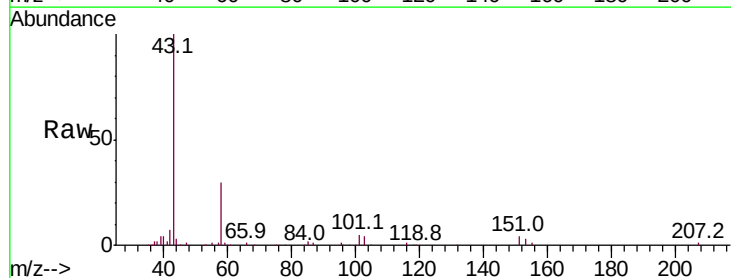
Acq: 28 Sep 2020 10:31

Tgt Ion: 43 Resp: 200491

Ion Ratio Lower Upper

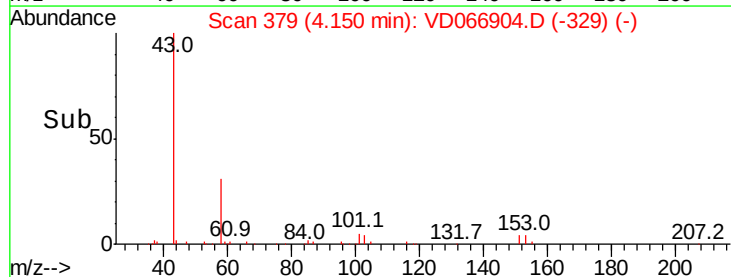
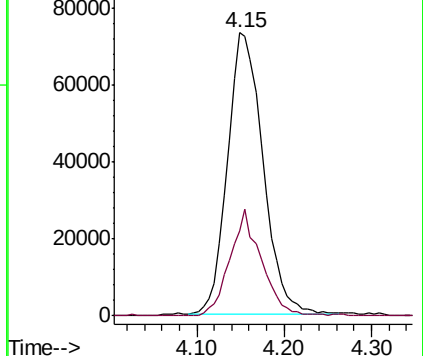
43 100

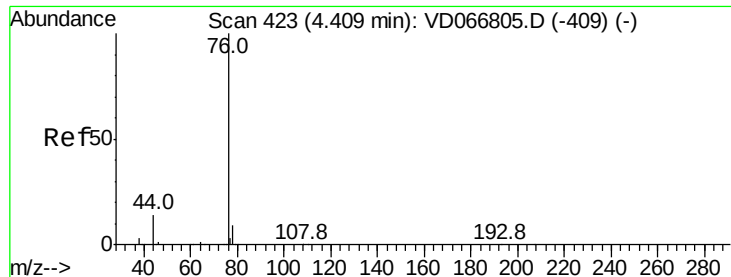
58 30.2 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 43.821 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

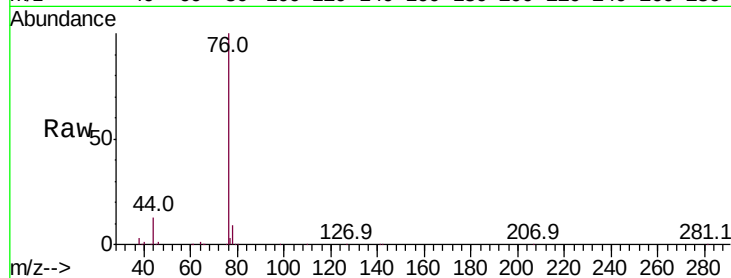
VSTDCCC050

Tot Ion: 76 Resp: 556567

Ion Ratio Lower Upper

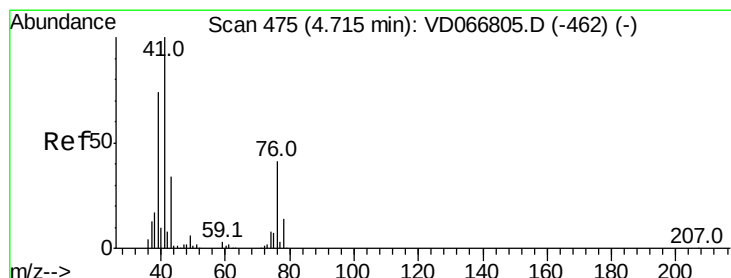
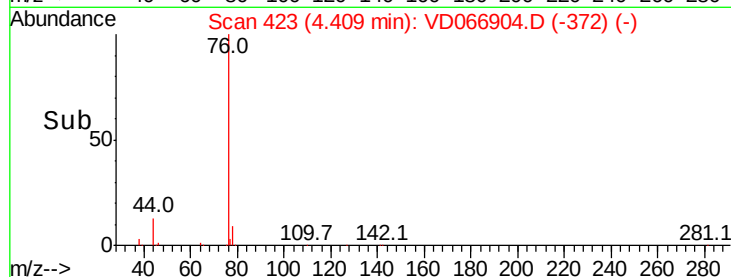
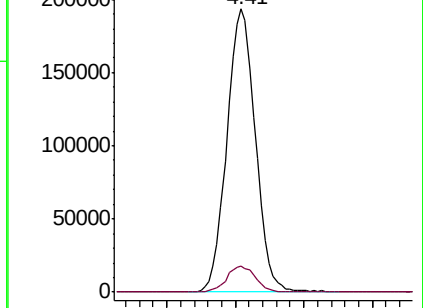
76 100

78 9.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 45.808 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066904.D

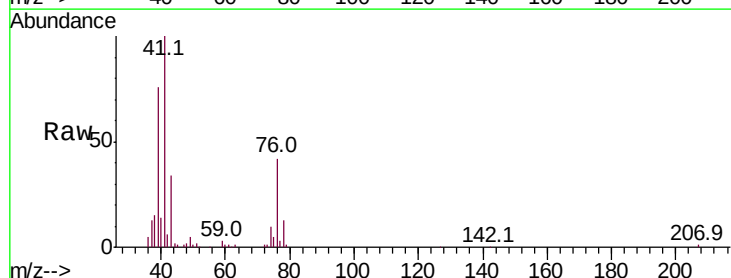
Acq: 28 Sep 2020 10:31

Tgt Ion: 43 Resp: 90629

Ion Ratio Lower Upper

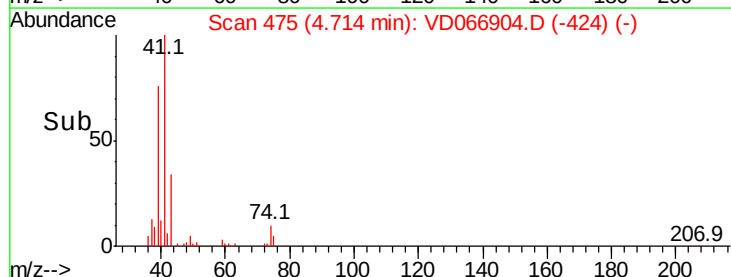
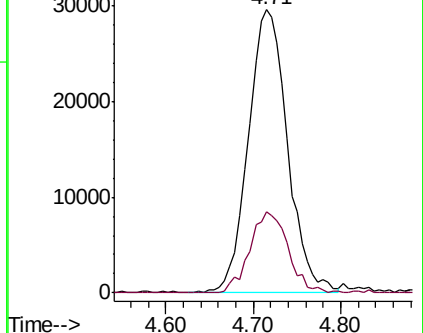
43 100

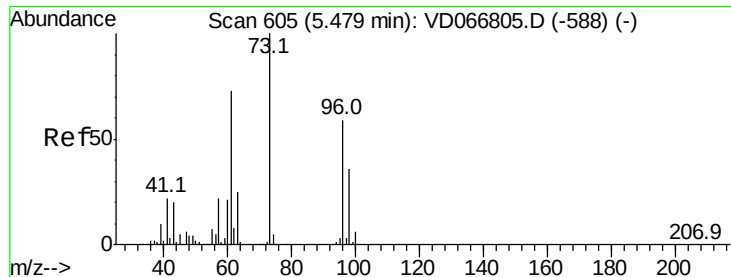
74 28.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

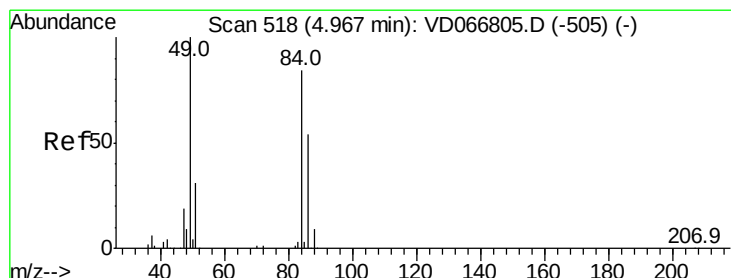
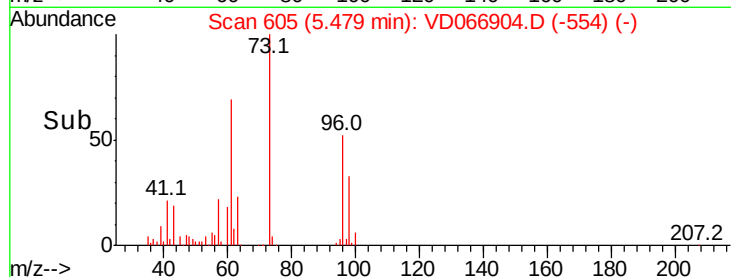
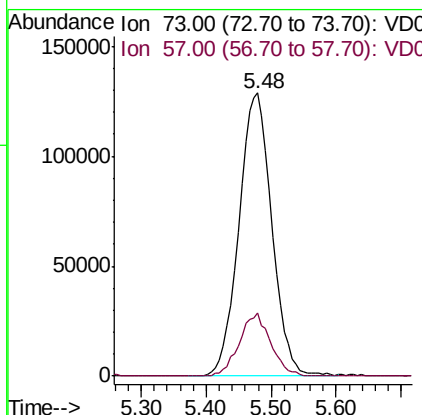
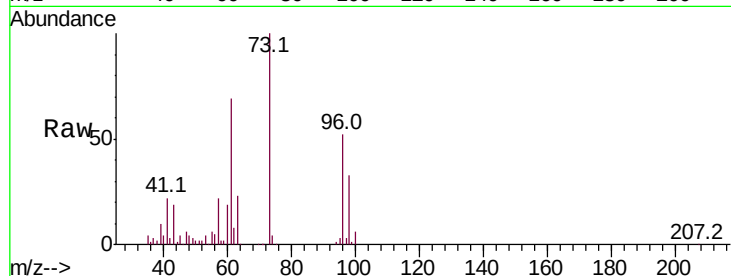




#19
Methvl tert-butyl Ether
Concen: 49.944 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

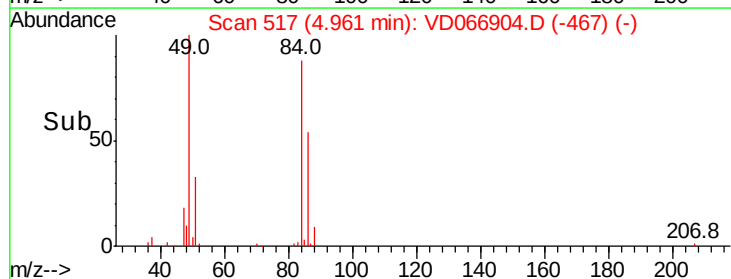
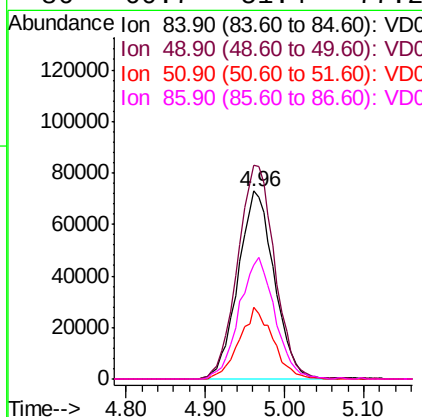
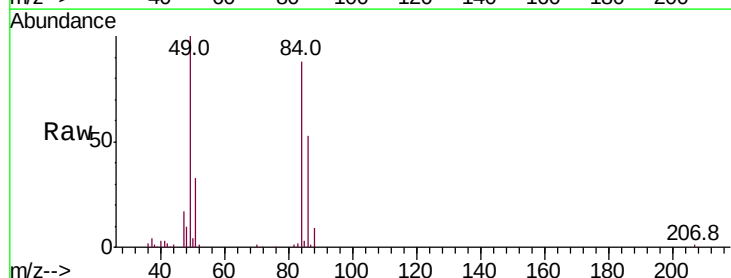
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

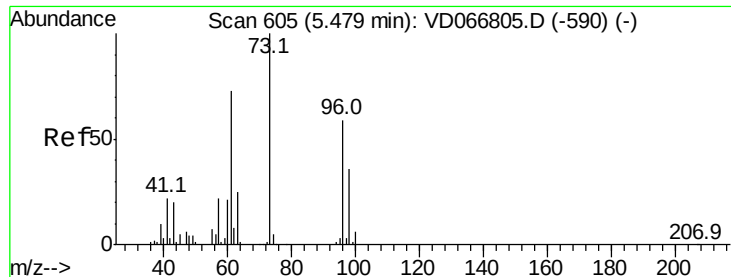
Tot Ion: 73 Resp: 450587
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#20
Methylene Chloride
Concen: 48.623 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 84 Resp: 231916
Ion Ratio Lower Upper
84 100
49 113.6 95.4 143.2
51 37.9 29.7 44.5
86 60.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.688 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

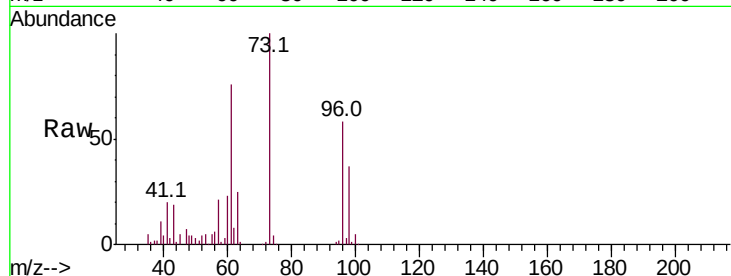
Tot Ion: 96 Resp: 224581

Ion Ratio Lower Upper

96 100

61 131.5 98.9 148.3

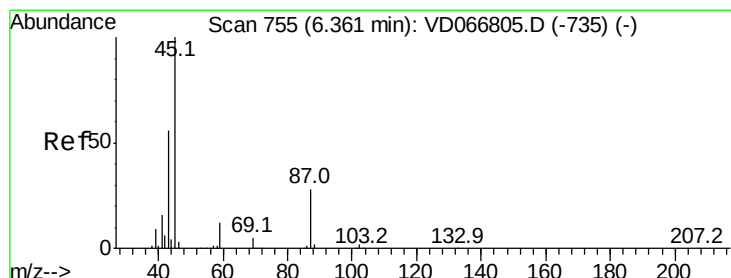
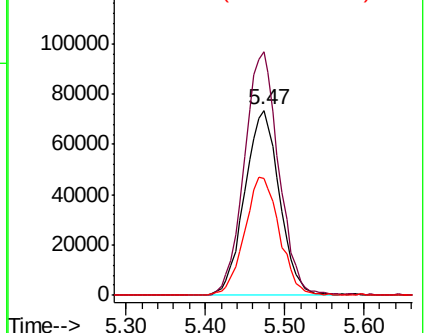
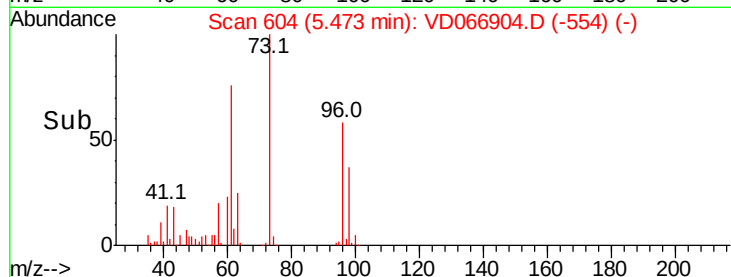
98 63.2 48.4 72.6



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: 46.846 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion: 45 Resp: 587576

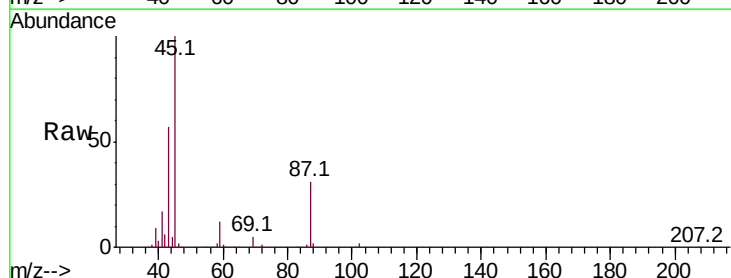
Ion Ratio Lower Upper

45 100

43 57.0 44.5 66.7

87 30.5 22.9 34.3

59 12.0 9.4 14.0

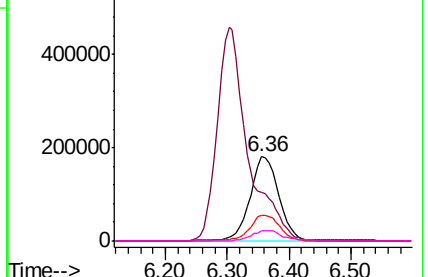
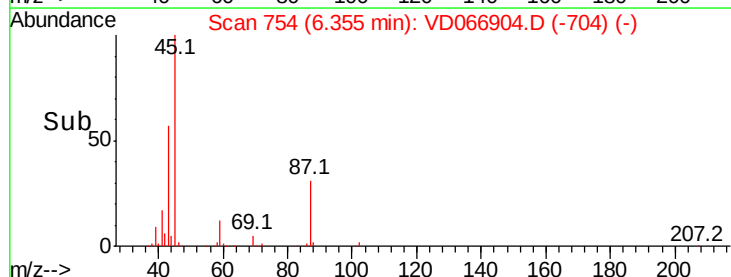


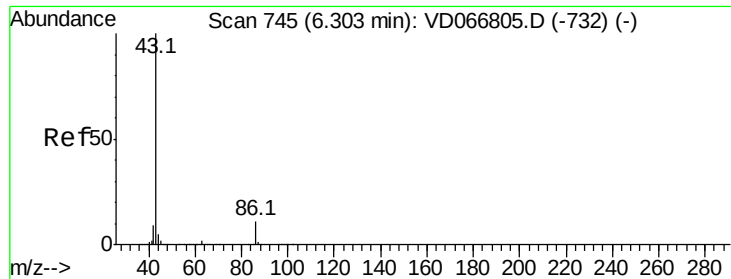
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 232.440 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

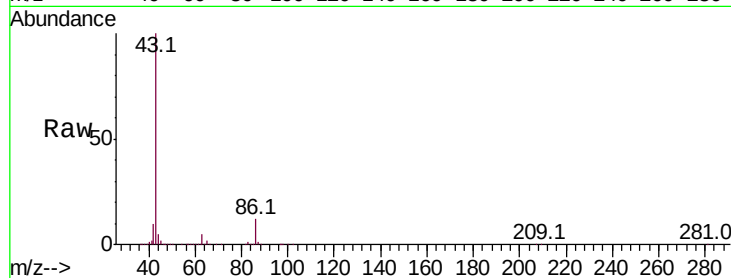
VSTDCCC050

Tot Ion: 43 Resp: 1581590

Ion Ratio Lower Upper

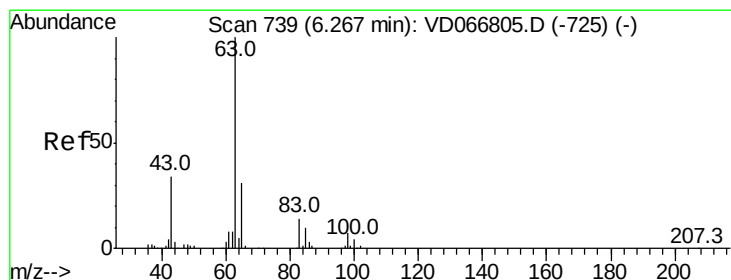
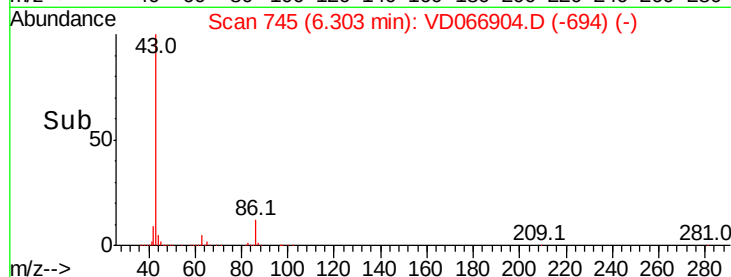
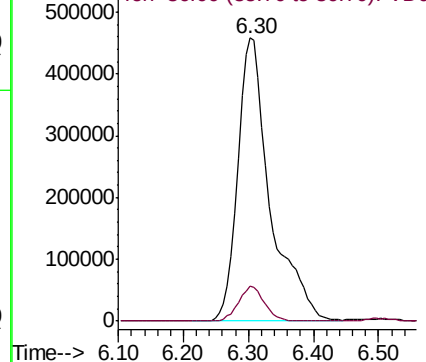
43 100

86 12.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 45.116 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

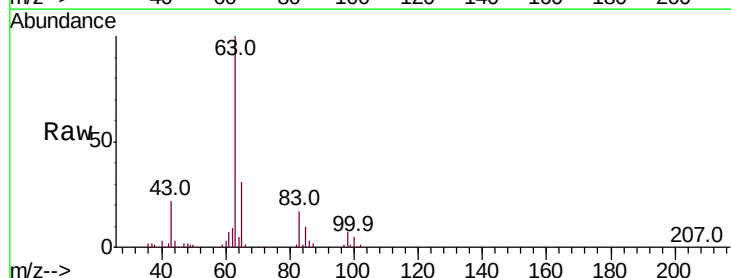
Tgt Ion: 63 Resp: 378569

Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

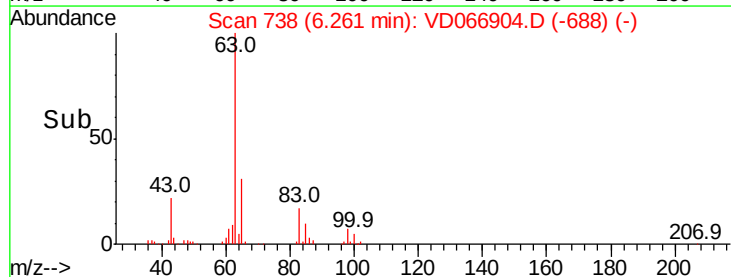
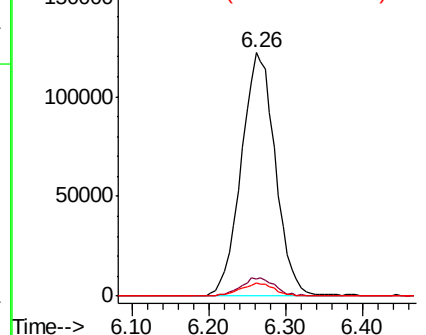
100 5.2 1.8 5.5

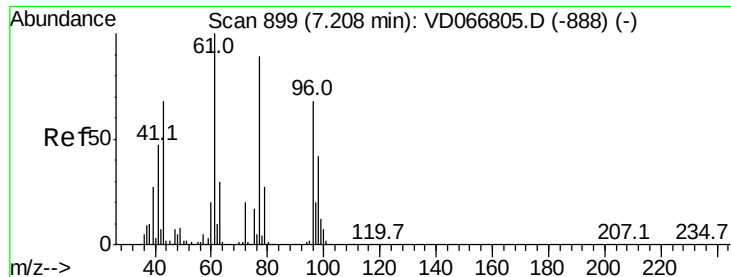


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 228.143 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

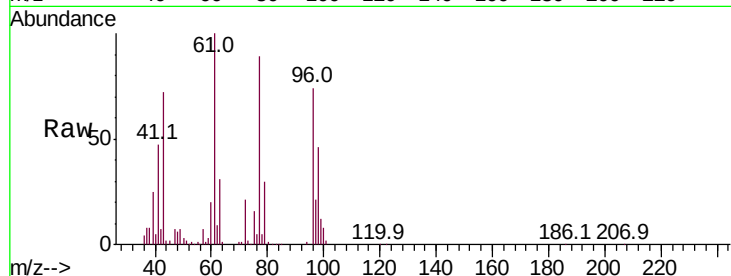
VSTDCCC050

Tot Ion: 43 Resp: 241503

Ion Ratio Lower Upper

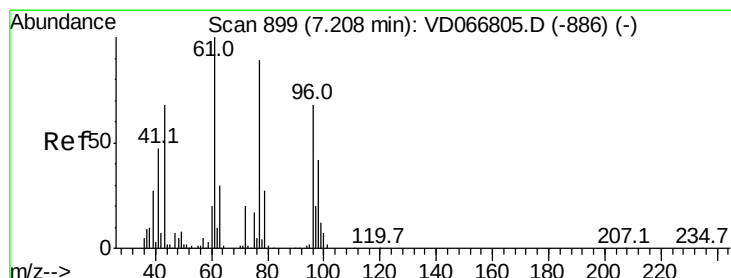
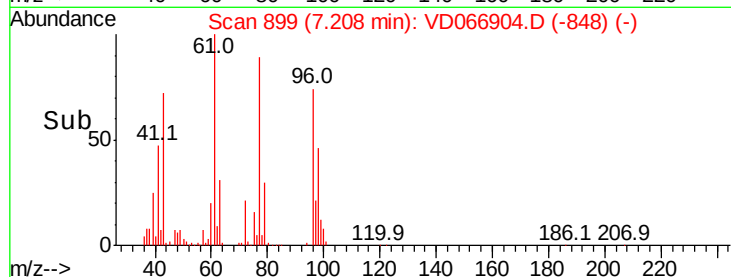
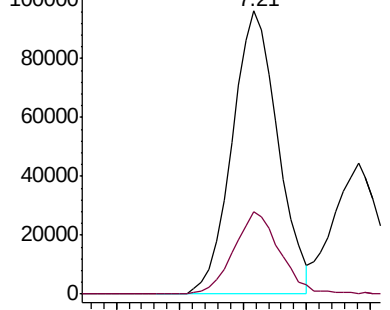
43 100

72 29.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 46.056 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066904.D

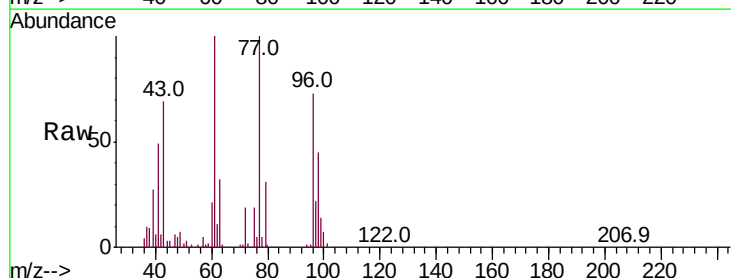
Acq: 28 Sep 2020 10:31

Tgt Ion: 77 Resp: 354202

Ion Ratio Lower Upper

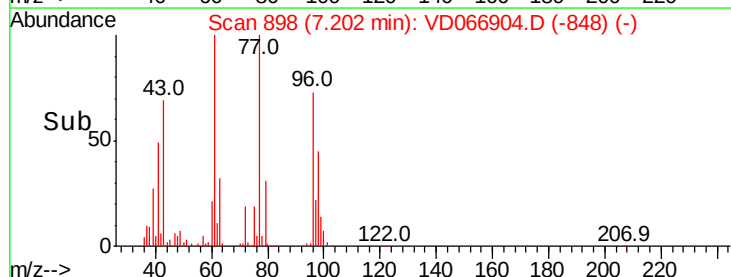
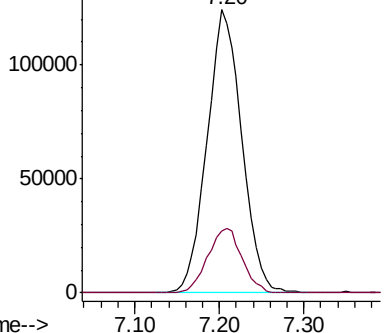
77 100

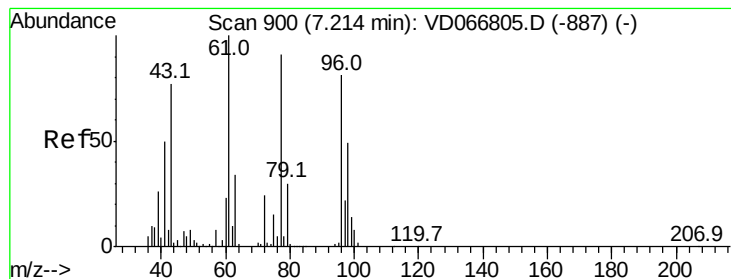
97 22.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 49.170 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

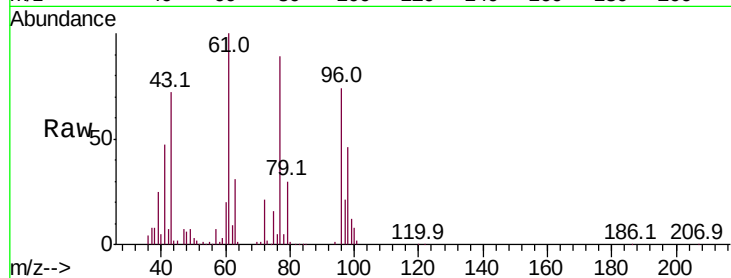
Tot Ion: 96 Resp: 256986

Ion Ratio Lower Upper

96 100

61 135.5 0.0 283.8

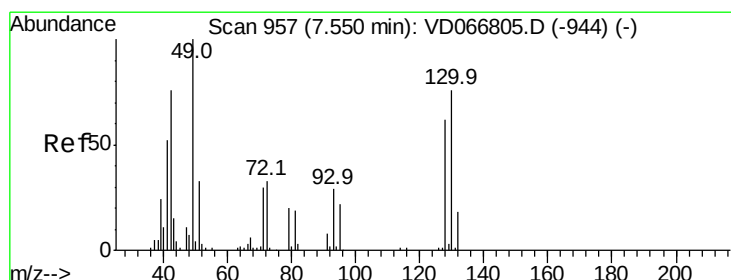
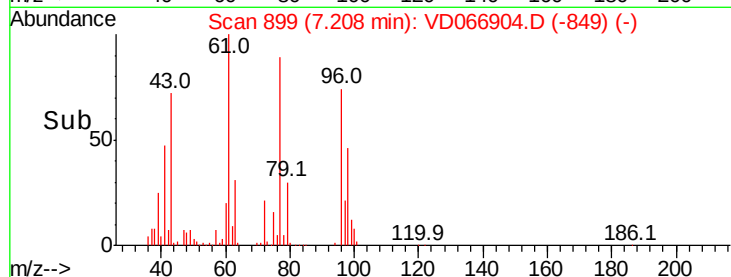
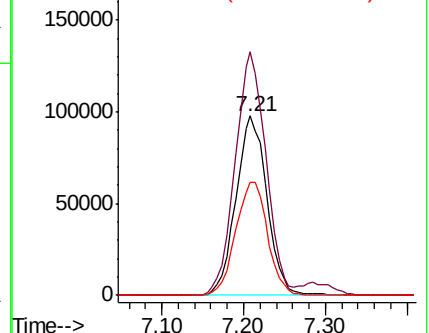
98 65.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 47.401 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

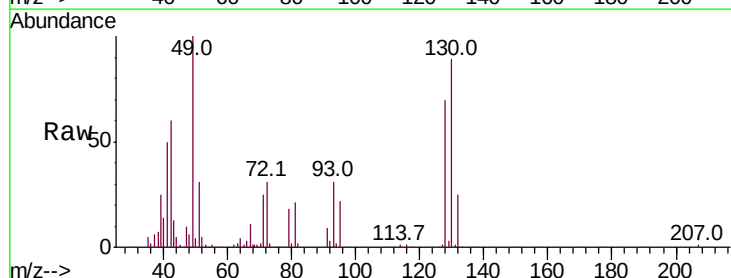
Tgt Ion: 49 Resp: 164317

Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.0#

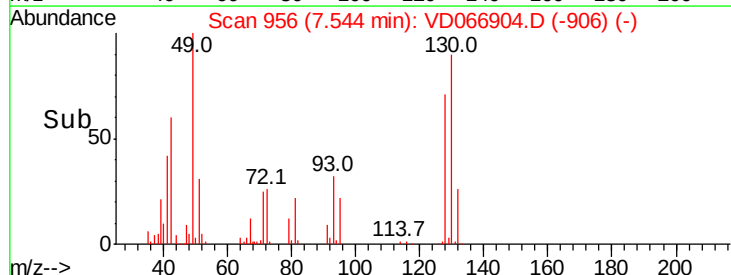
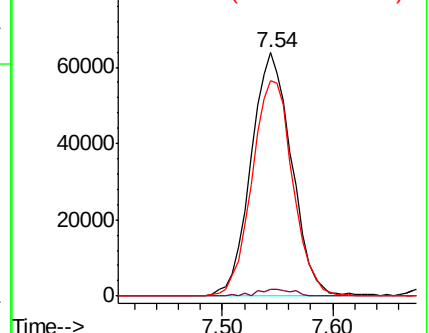
130 88.9 65.9 98.9

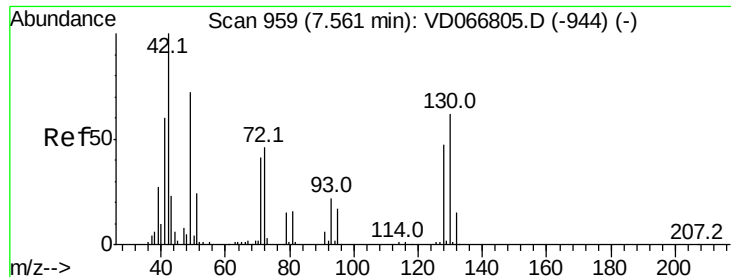


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

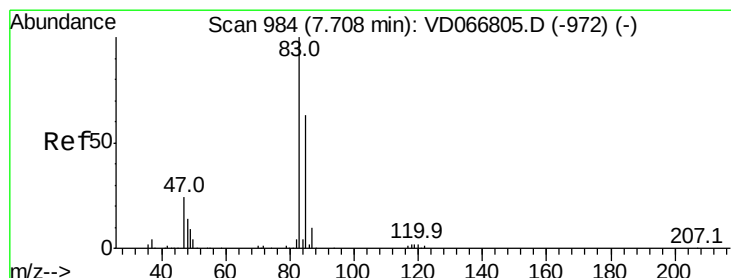
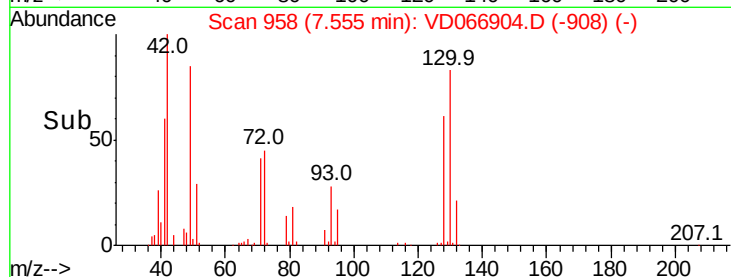
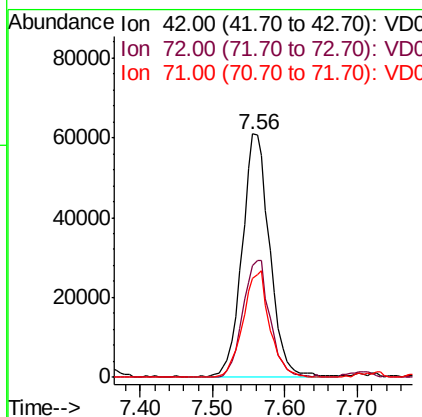
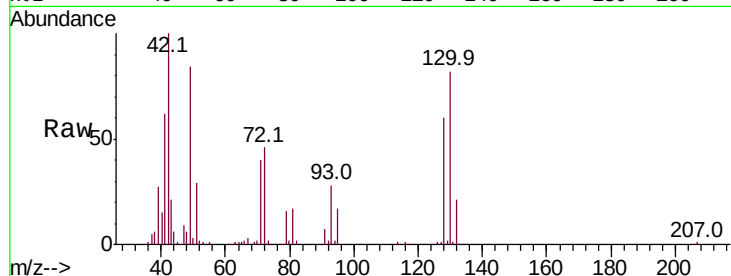




#29
Tetrahydrofuran
Concen: 238.665 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

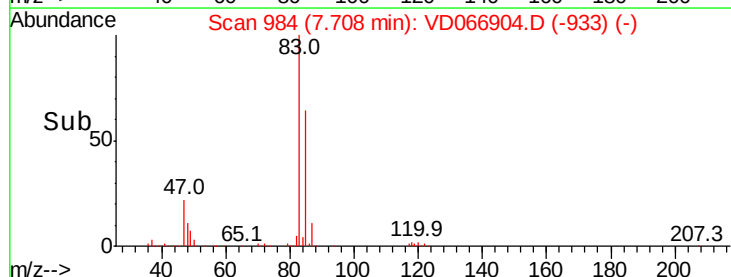
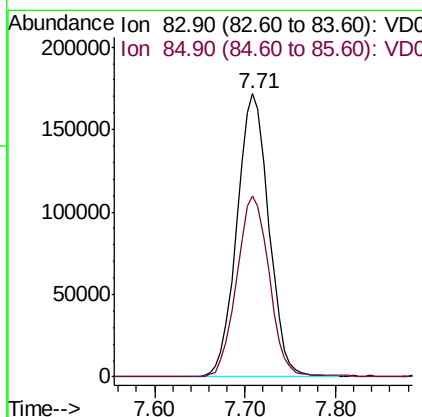
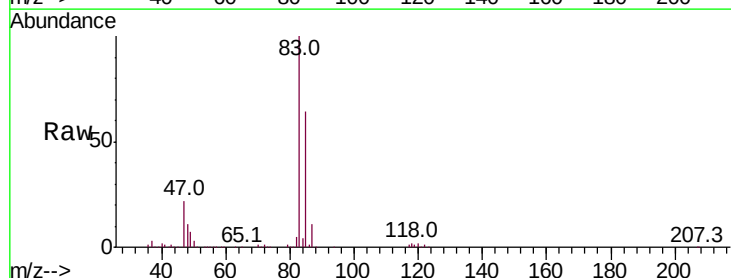
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

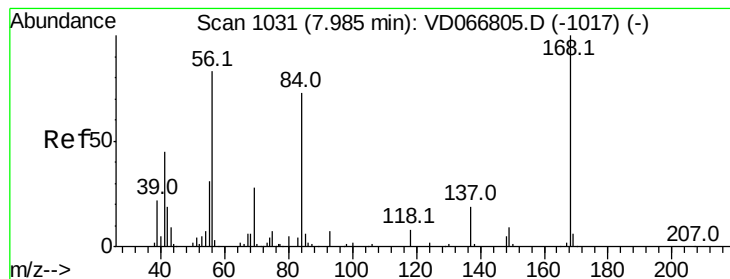
Tot Ion: 42 Resp: 161880
Ion Ratio Lower Upper
42 100
72 46.9 36.2 54.4
71 42.1 32.4 48.6



#30
Chloroform
Concen: 46.435 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 83 Resp: 420004
Ion Ratio Lower Upper
83 100
85 63.8 50.6 75.8





#31

Cyclohexane

Concen: 44.198 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

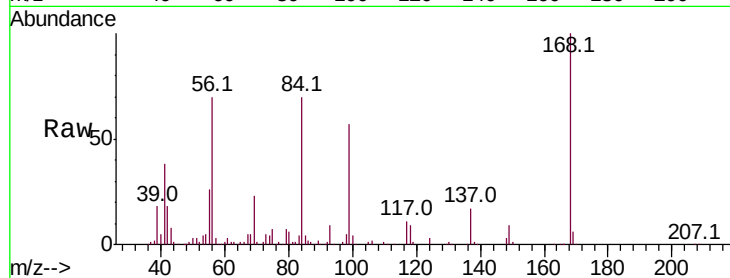
Tot Ion: 56 Resp: 333697

Ion Ratio Lower Upper

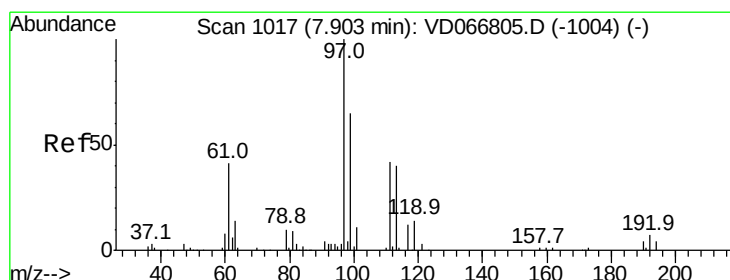
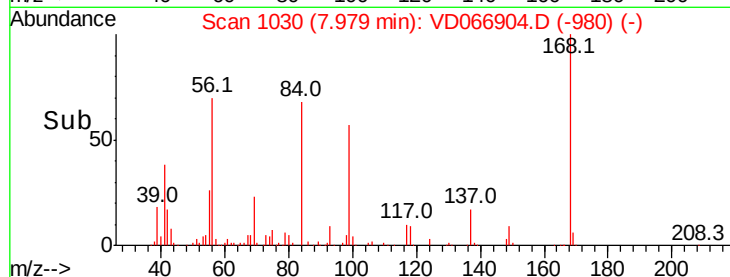
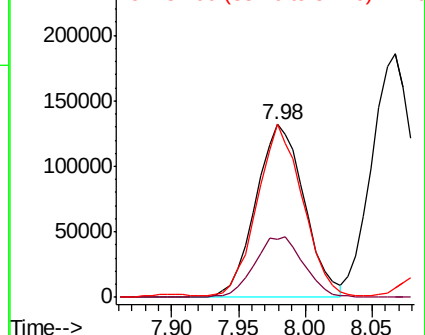
56 100

69 33.2 27.0 40.4

84 98.7 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 47.572 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

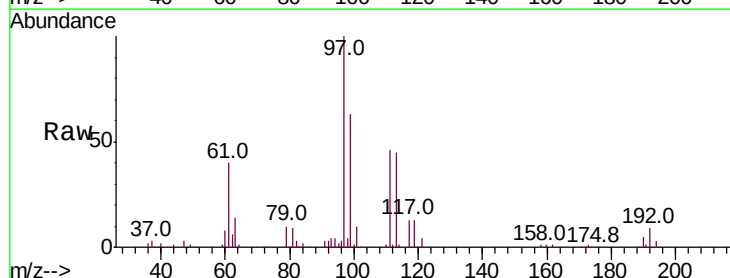
Tgt Ion: 97 Resp: 389245

Ion Ratio Lower Upper

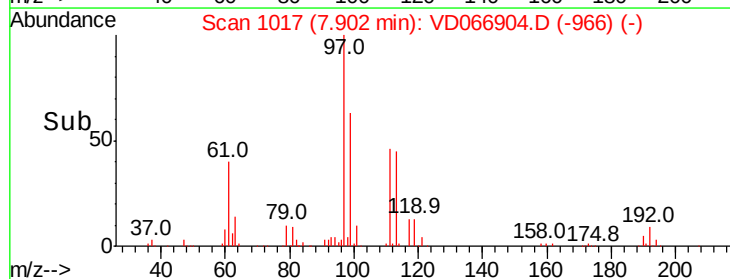
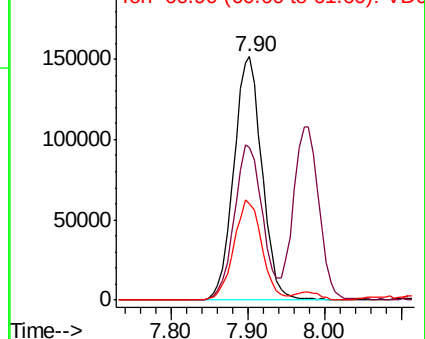
97 100

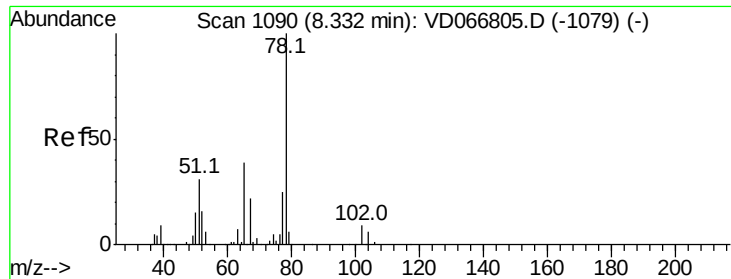
99 62.9 51.5 77.3

61 40.7 34.2 51.4



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

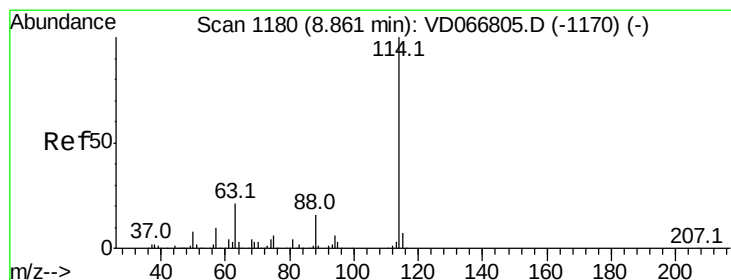
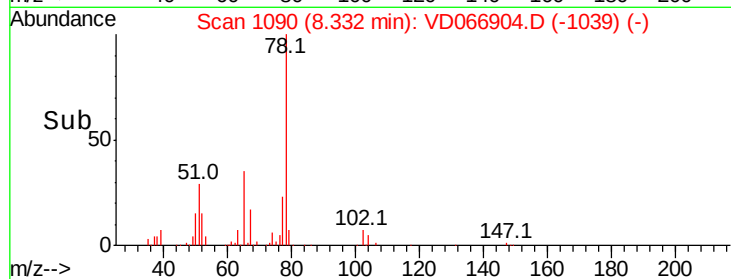
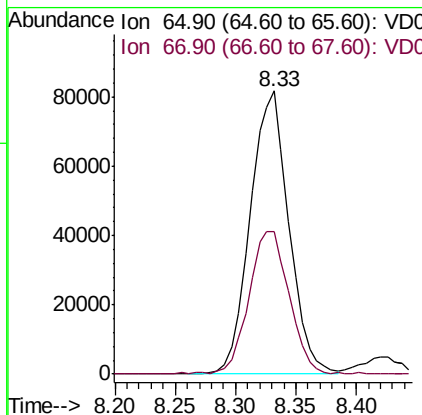
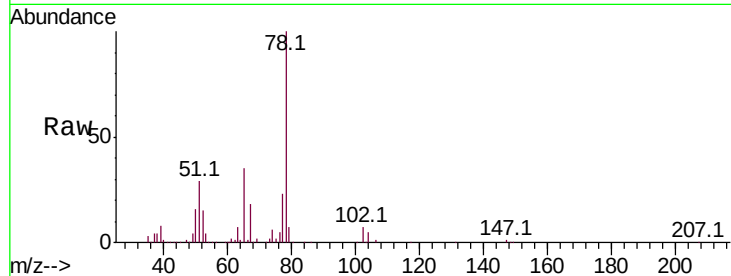




#33
 1,2-Dichloroethane-d4
 Concen: 43.550 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

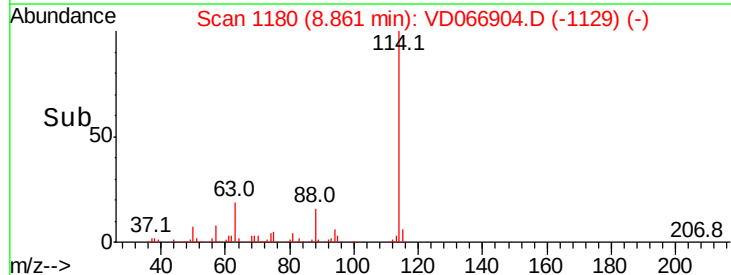
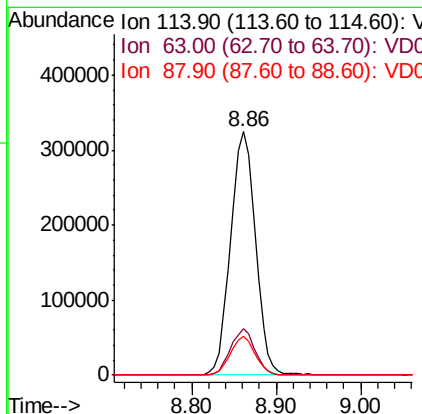
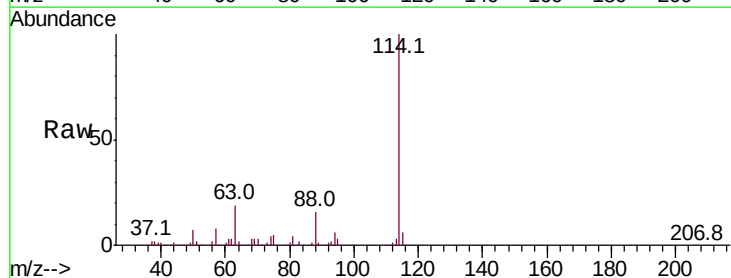
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

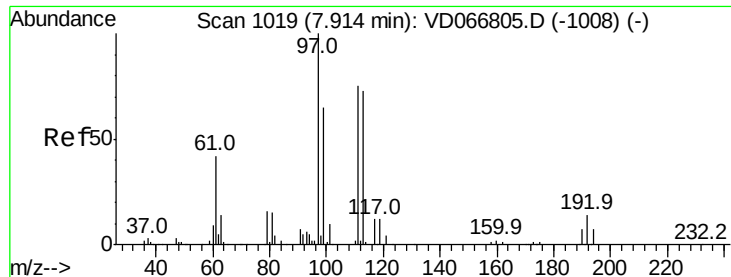
Tot Ion: 65 Resp: 180834
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion: 114 Resp: 659193
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.6
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.863 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

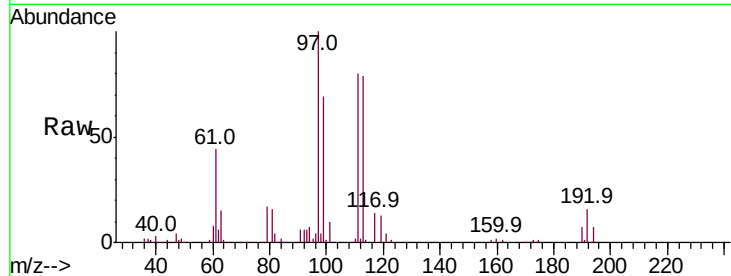
Tot Ion:113 Resp: 196535

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

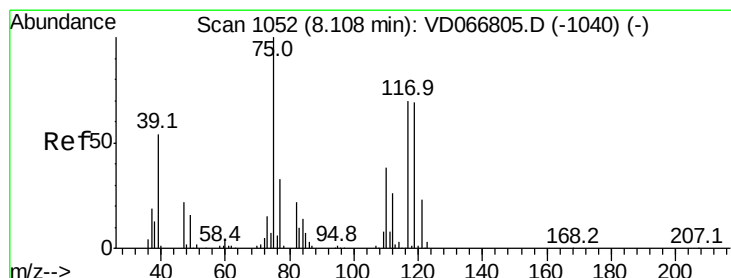
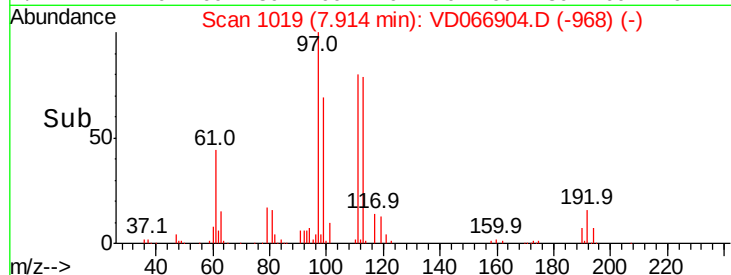
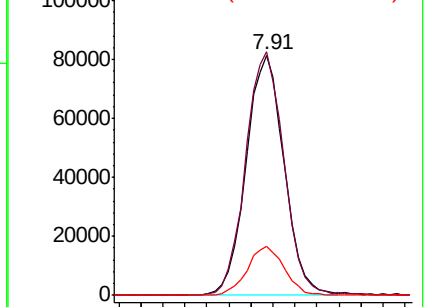
192 19.8 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.362 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

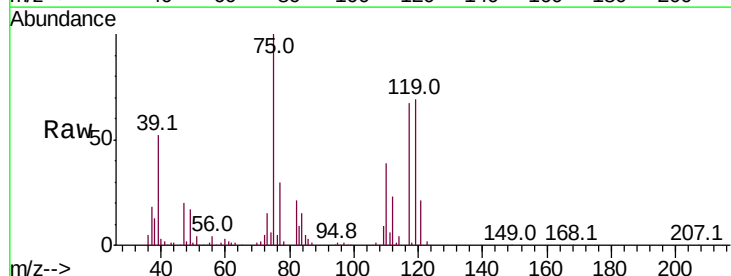
Tgt Ion: 75 Resp: 309732

Ion Ratio Lower Upper

75 100

110 38.0 17.9 53.8

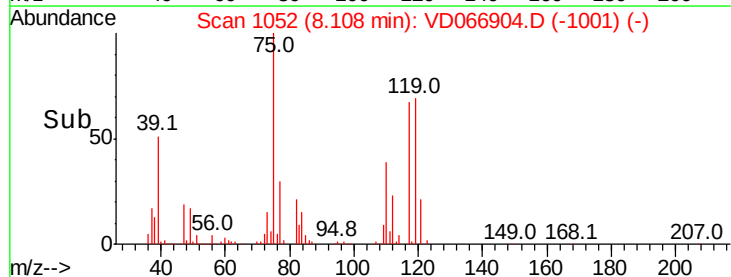
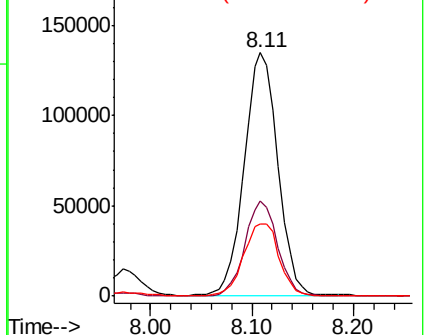
77 31.8 25.0 37.6

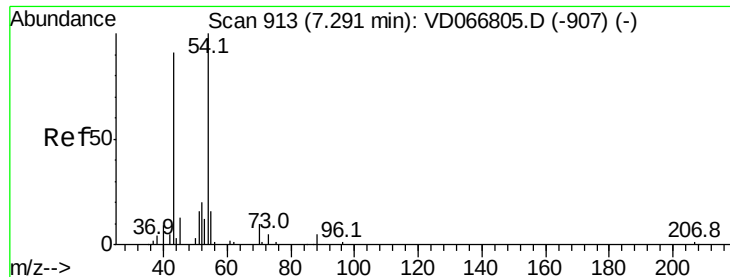


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 47.804 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

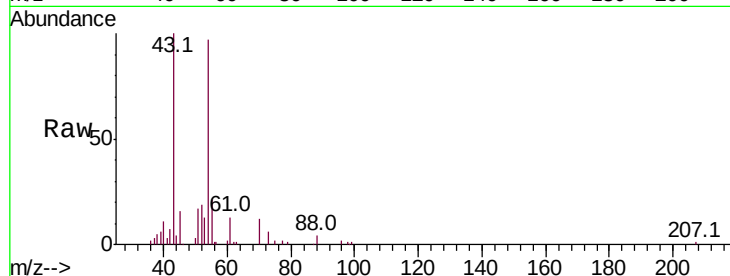
Tot Ion: 43 Resp: 113016

Ion Ratio Lower Upper

43 100

61 14.3 9.8 14.8

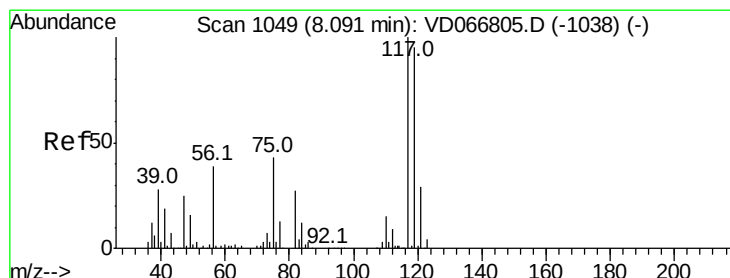
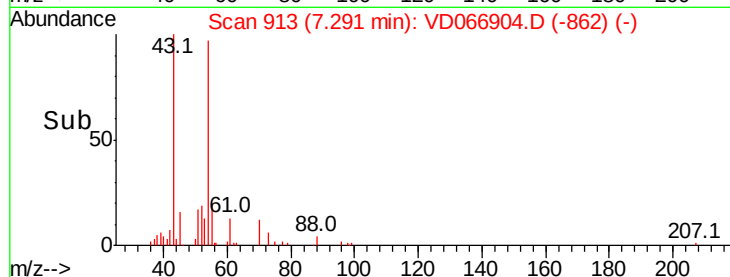
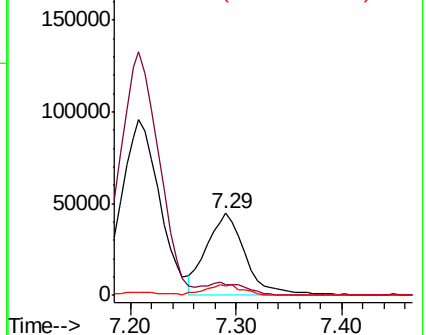
70 12.6 8.5 12.7



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: 49.022 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

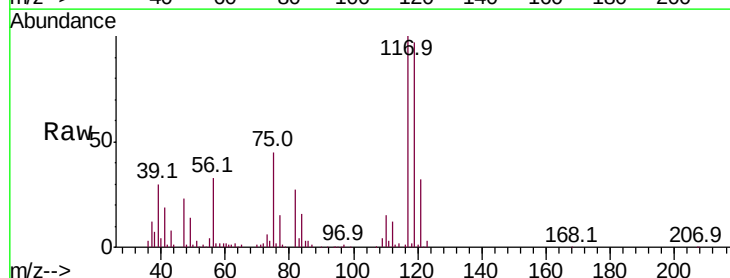
Tgt Ion: 117 Resp: 350493

Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

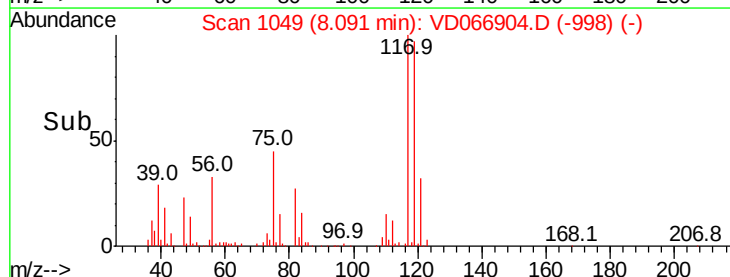
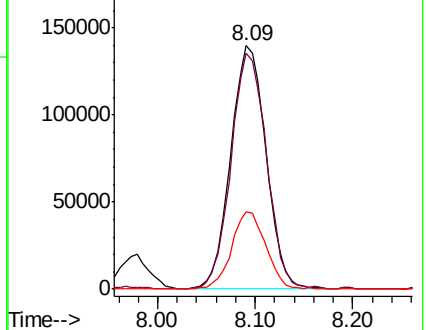
121 31.7 23.4 35.0

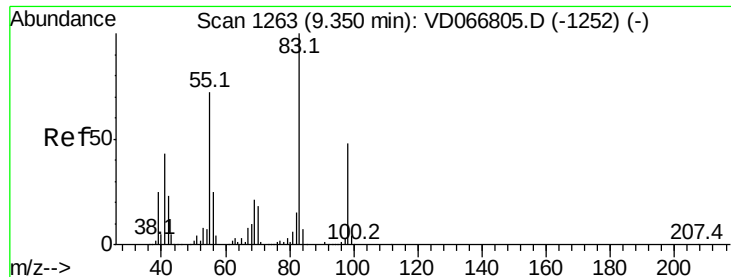


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

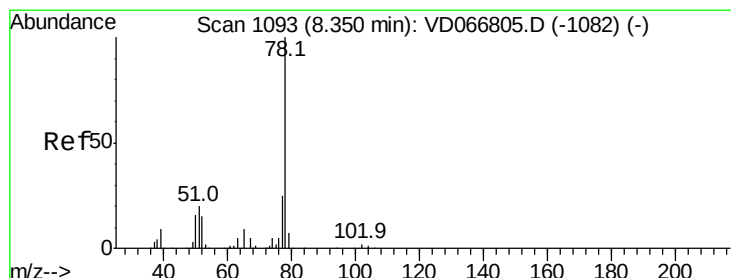
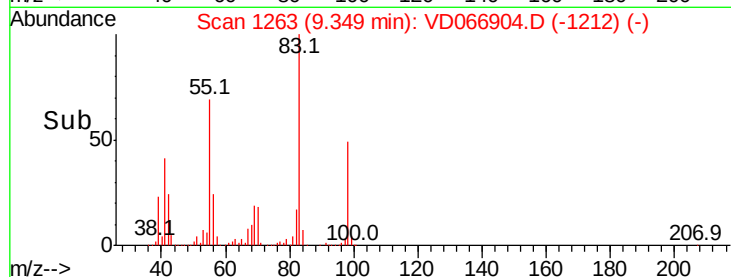
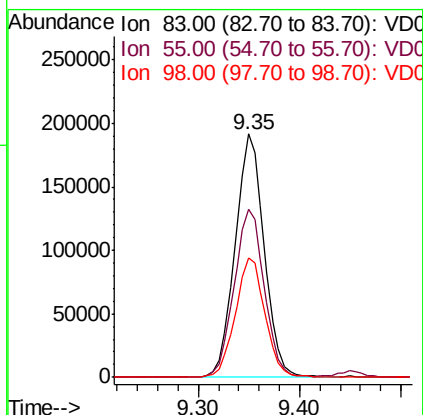
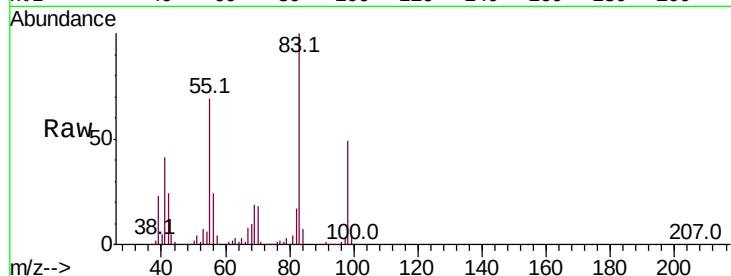




#39
Methylvlcyclohexane
Concen: 50.745 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

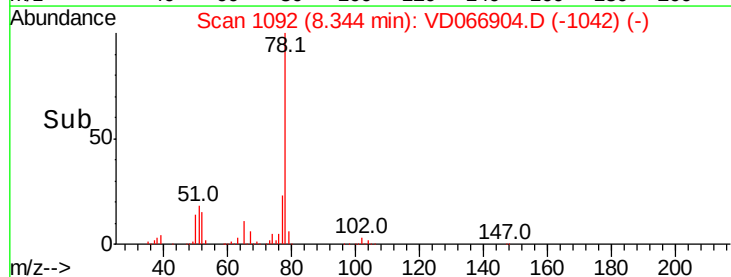
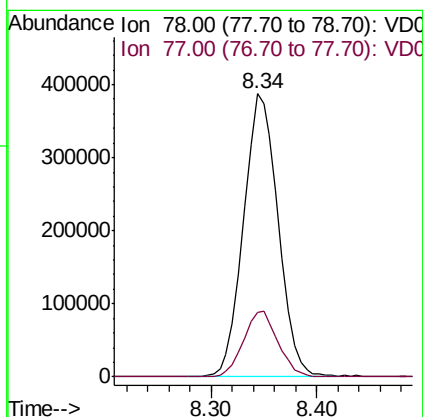
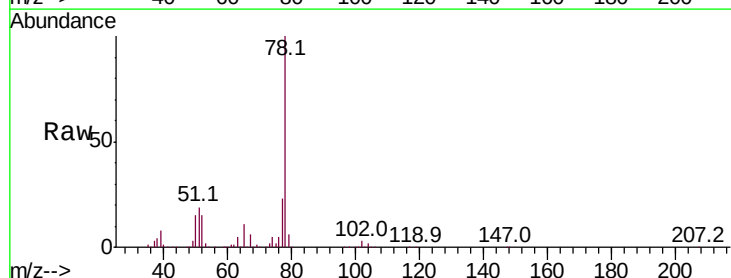
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

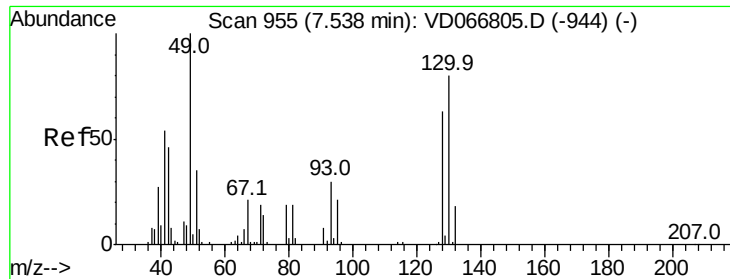
Tot Ion	83	Resp	381025
Ion Ratio	100		
Lower		57.7	86.5
Upper		38.4	57.6



#40
Benzene
Concen: 48.406 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	78	Resp	882254
Ion Ratio	100		
Lower		19.9	29.9
Upper		22.7	77

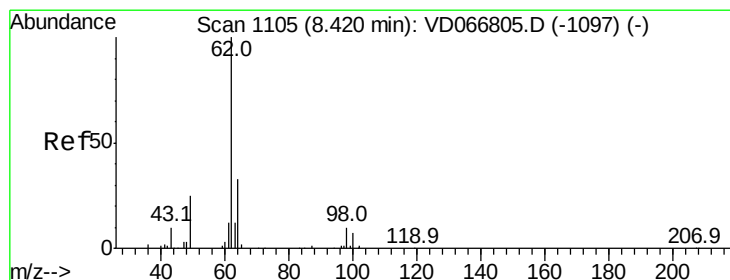
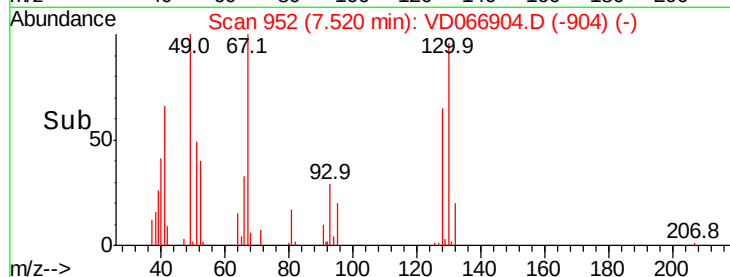
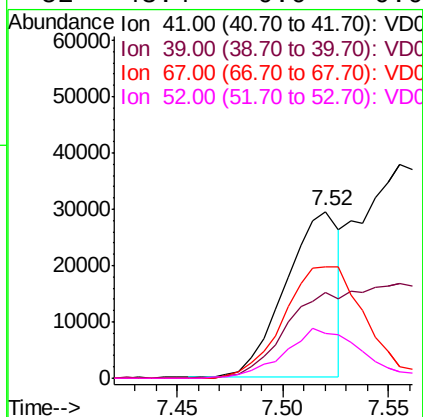
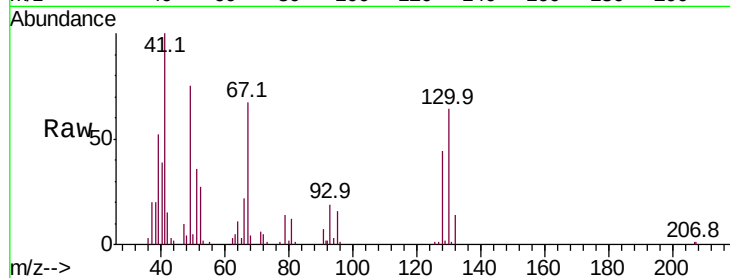




#41
Methacrylonitrile
Concen: 36.268 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

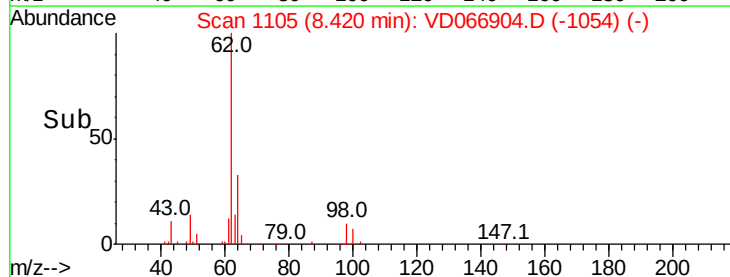
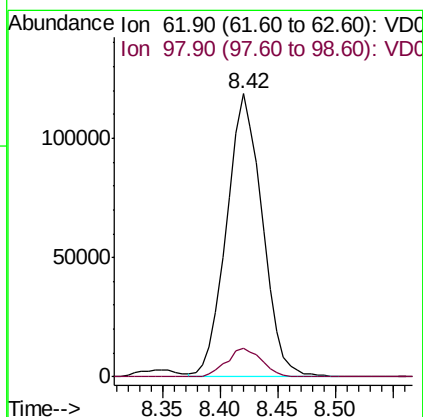
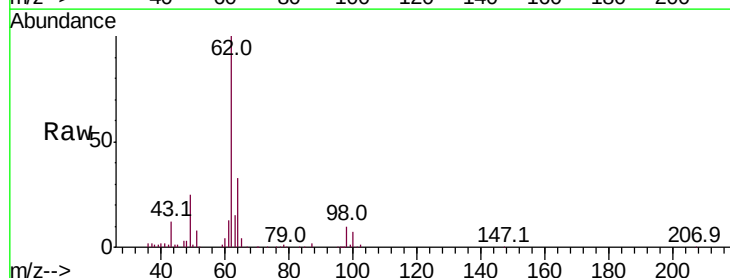
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

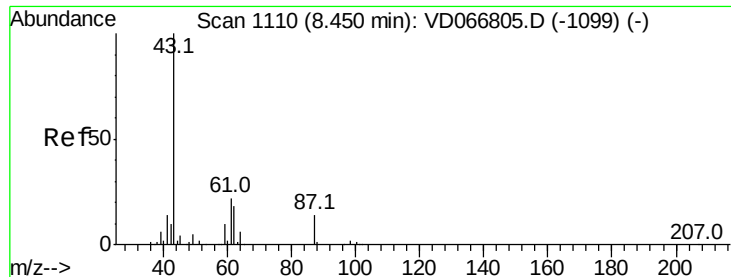
Tot Ion: 41 Resp: 52729
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 100.7 0.0 0.0#
52 43.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 47.096 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 62 Resp: 253756
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.630 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

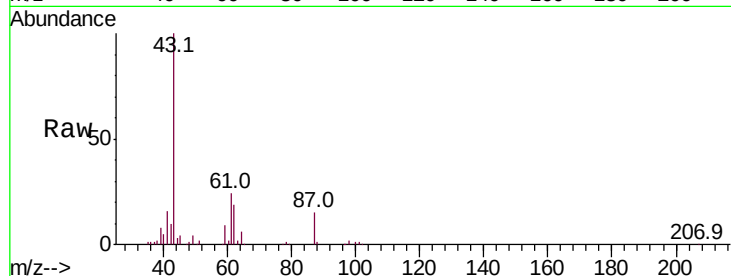
Tot Ion: 43 Resp: 217097

Ion Ratio Lower Upper

43 100

61 33.3 26.2 39.4

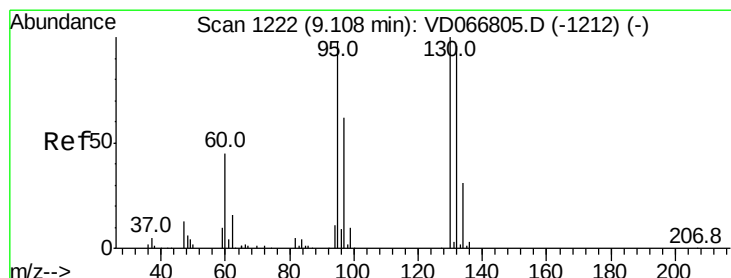
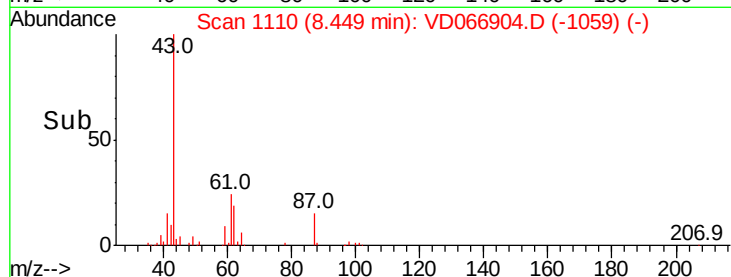
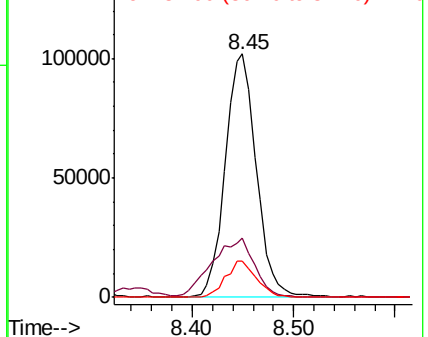
87 14.8 11.5 17.3



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: 49.227 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066904.D

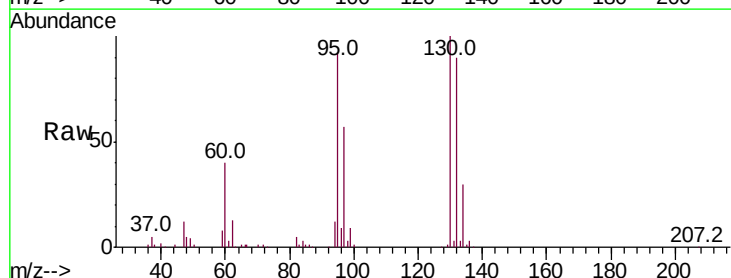
Acq: 28 Sep 2020 10:31

Tgt Ion: 130 Resp: 255738

Ion Ratio Lower Upper

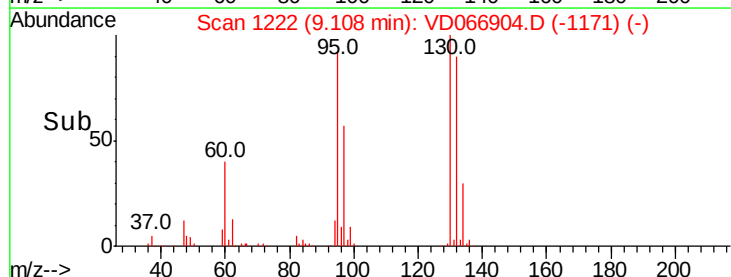
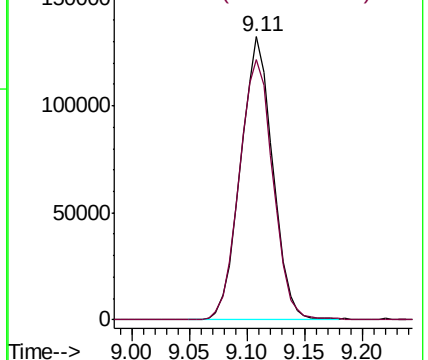
130 100

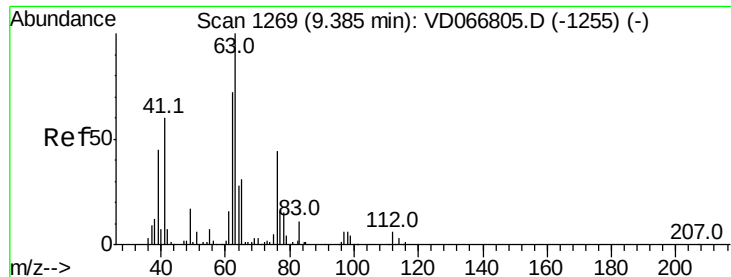
95 92.0 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 47.692 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

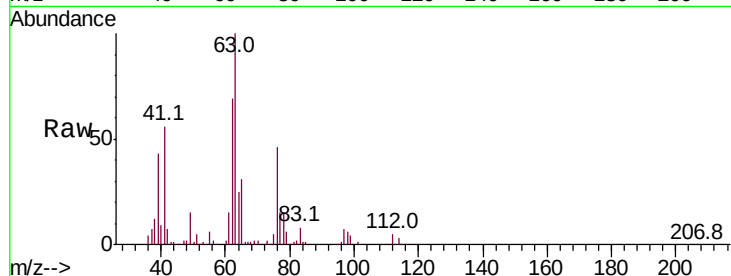
VSTDCCC050

Tot Ion: 63 Resp: 218703

Ion Ratio Lower Upper

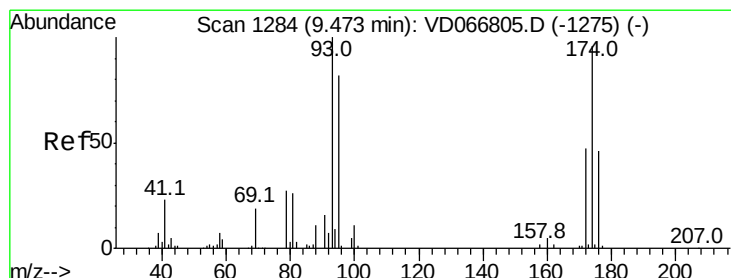
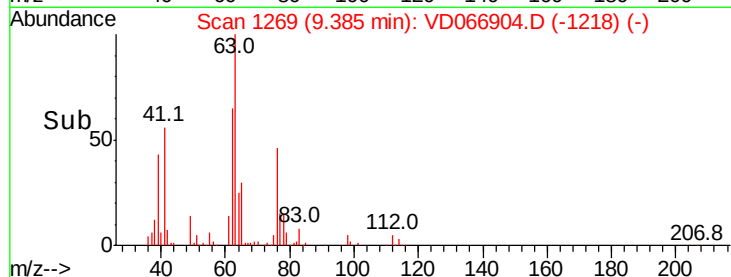
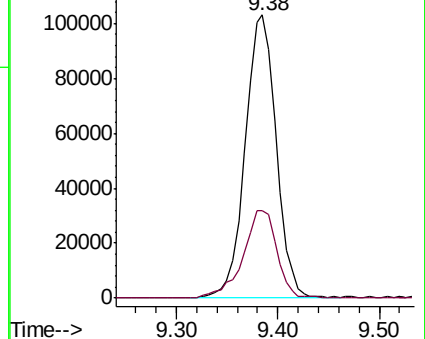
63 100

65 30.9 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: 49.072 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

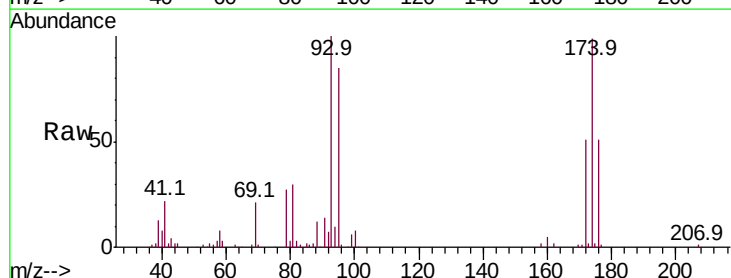
Tgt Ion: 93 Resp: 122264

Ion Ratio Lower Upper

93 100

95 84.4 65.3 97.9

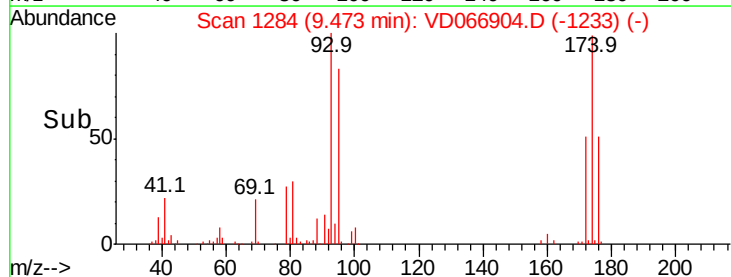
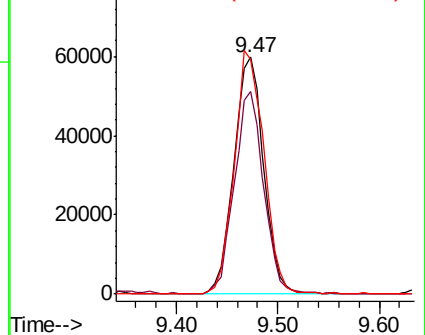
174 102.2 75.4 113.2

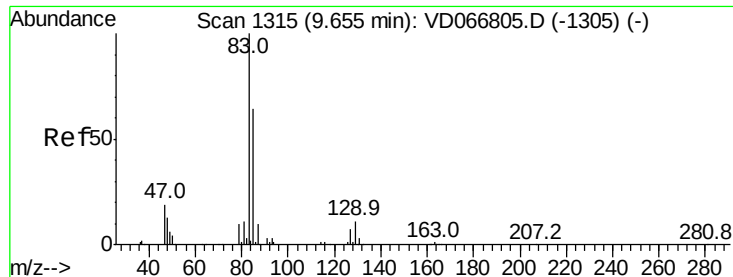


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.539 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

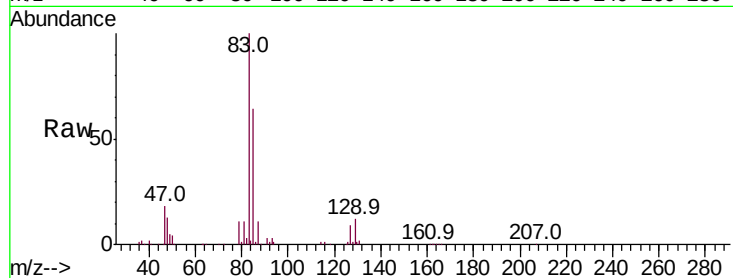
Tot Ion: 83 Resp: 318183

Ion Ratio Lower Upper

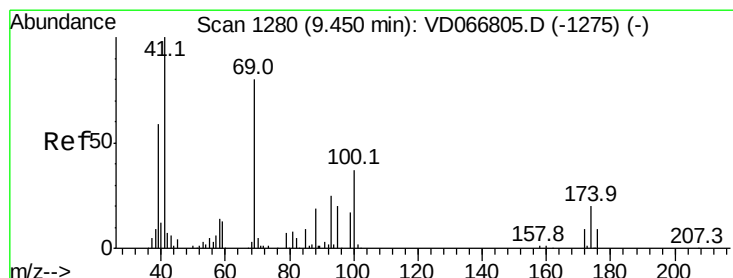
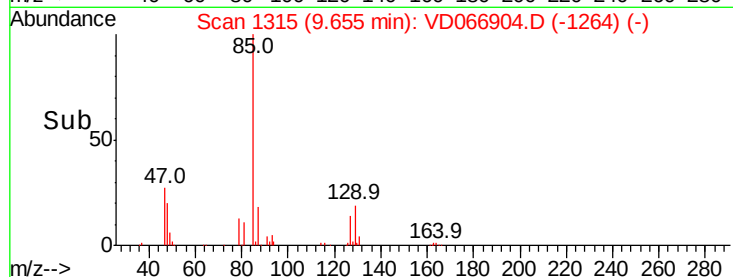
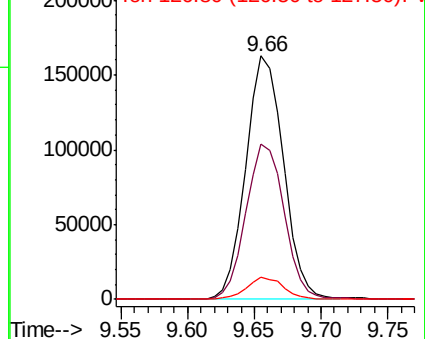
83 100

85 64.0 50.9 76.3

127 9.1 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: 51.140 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

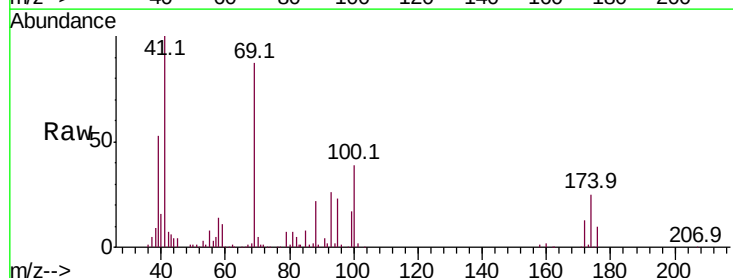
Tgt Ion: 41 Resp: 114926

Ion Ratio Lower Upper

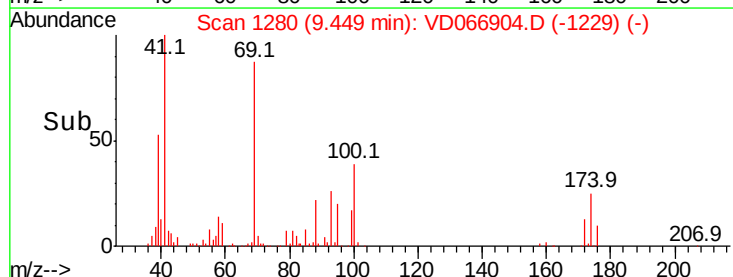
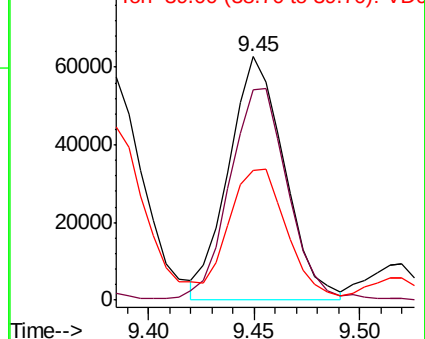
41 100

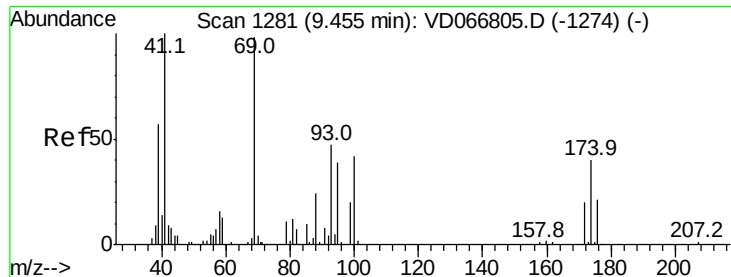
69 91.3 74.5 111.7

39 51.9 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: 1066.066 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

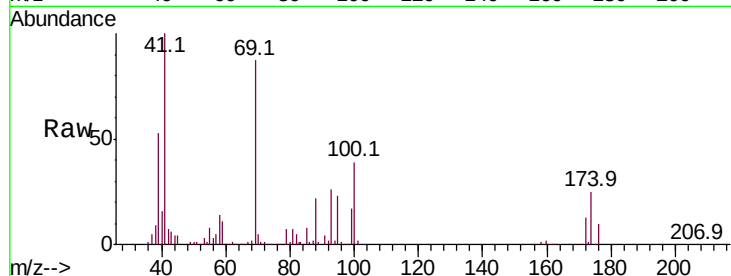
Tot Ion: 88 Resp: 29928

Ion Ratio Lower Upper

88 100

43 32.4 27.7 41.5

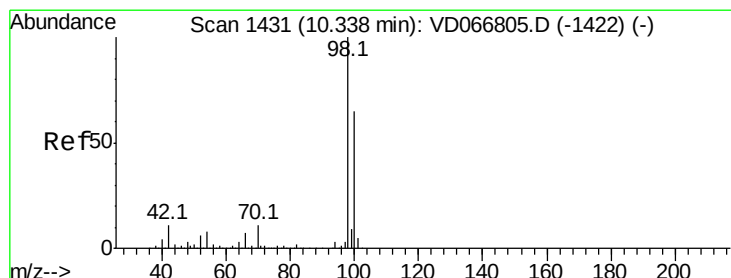
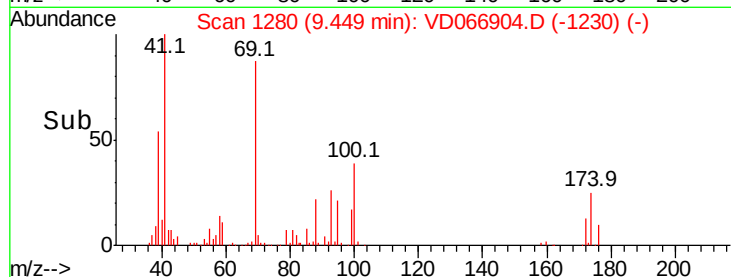
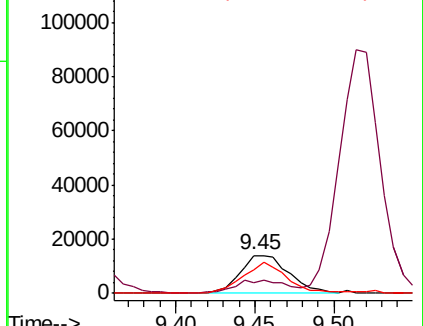
58 73.4 55.5 83.3



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: 48.869 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066904.D

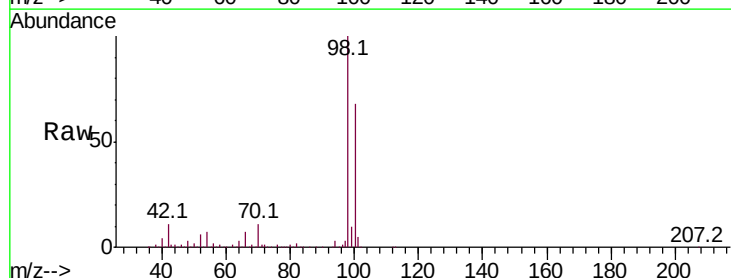
Acq: 28 Sep 2020 10:31

Tgt Ion: 98 Resp: 698281

Ion Ratio Lower Upper

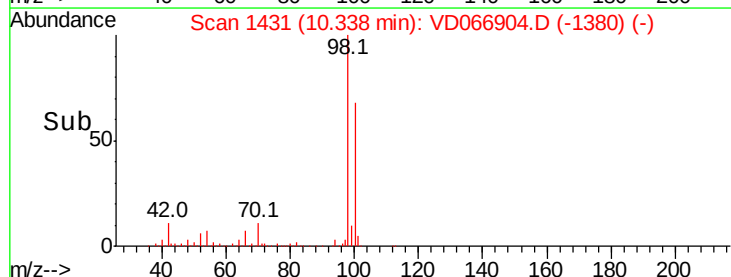
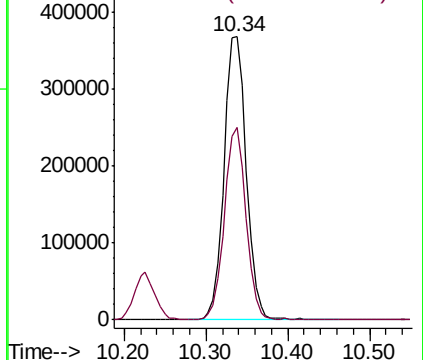
98 100

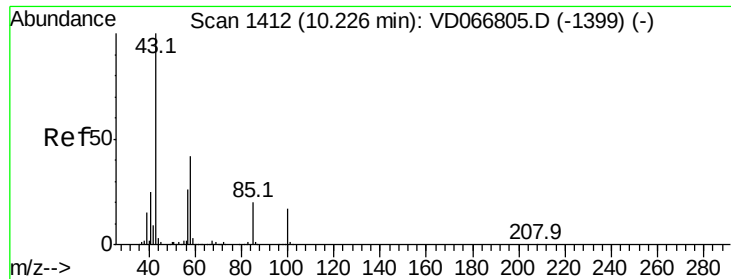
100 66.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

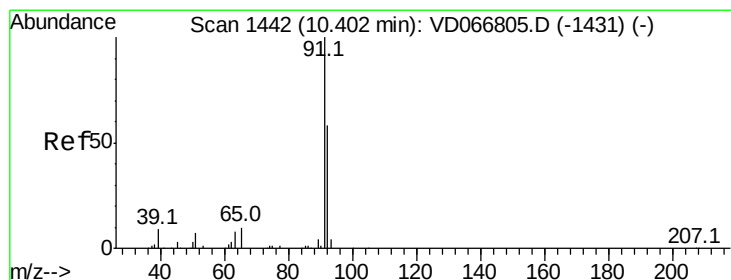
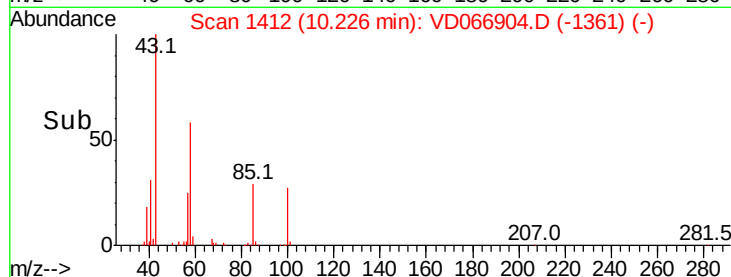
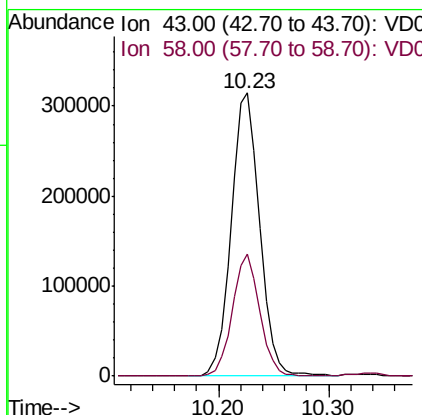
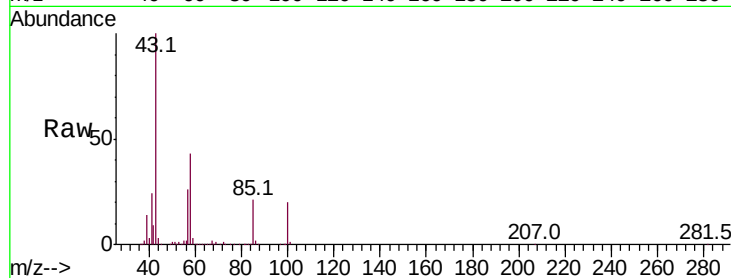




#51
 4-Methyl-2-Pentanone
 Concen: 246.537 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

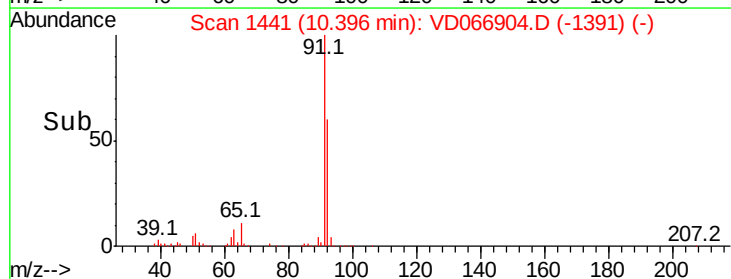
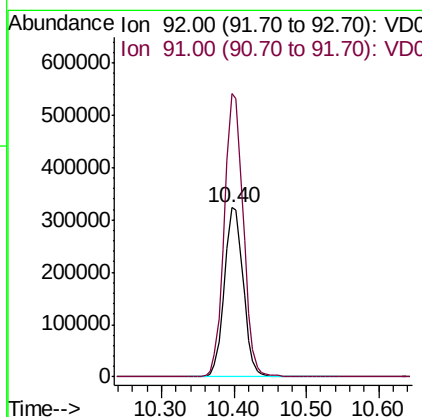
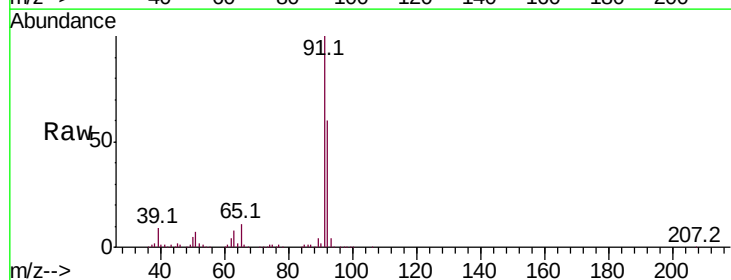
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

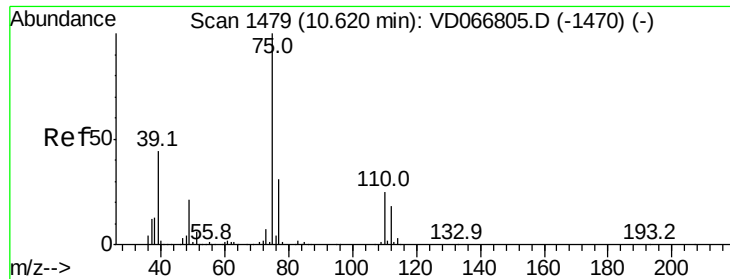
Tot Ion: 43 Resp: 569391
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.2 48.4



#52
 Toluene
 Concen: 50.177 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion: 92 Resp: 589077
 Ion Ratio Lower Upper
 92 100
 91 167.9 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 51.694 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

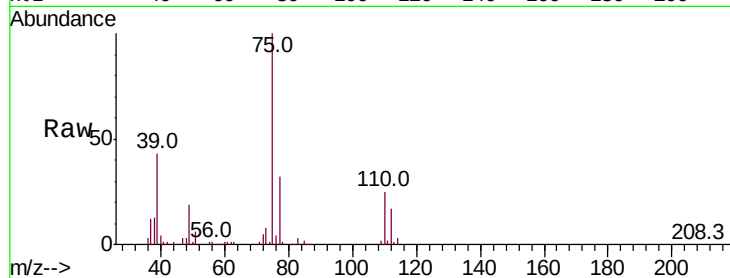
VSTDCCC050

Tot Ion: 75 Resp: 294483

Ion Ratio Lower Upper

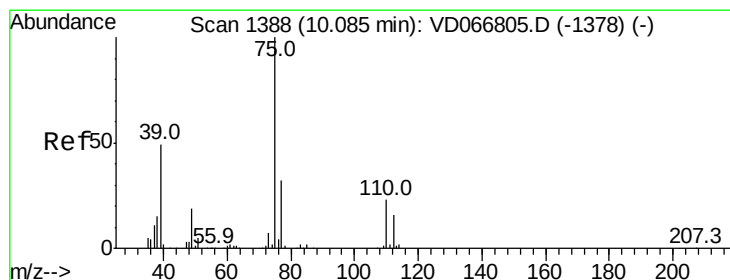
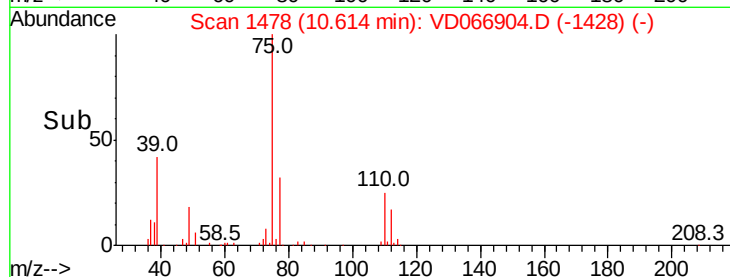
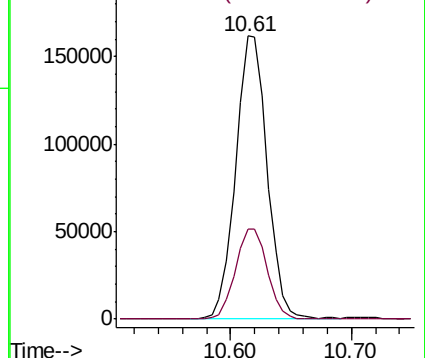
75 100

77 31.8 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 50.378 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

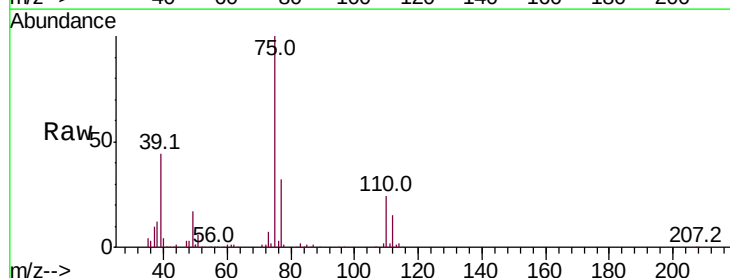
Tgt Ion: 75 Resp: 349935

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

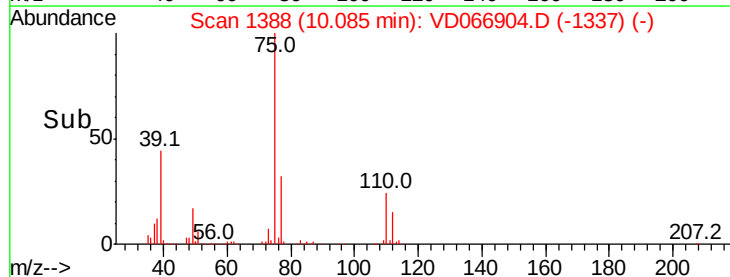
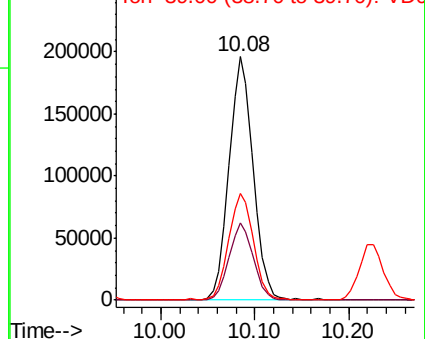
39 43.6 39.2 58.8

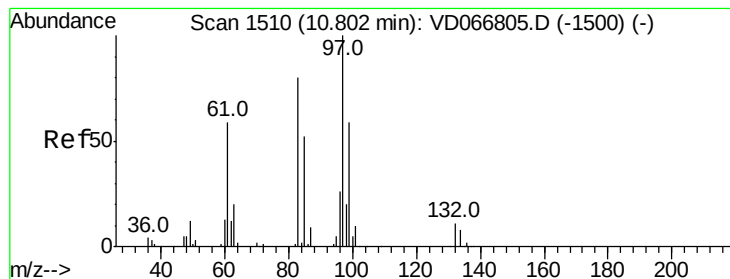


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 49.712 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 170270

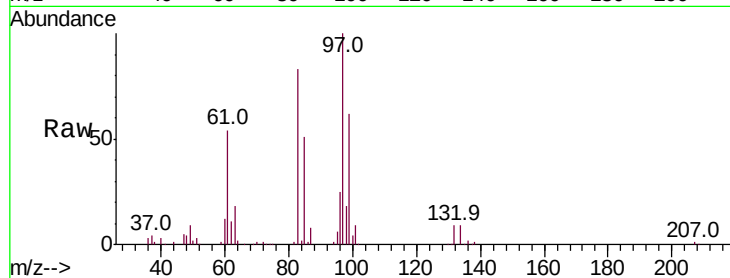
Ion Ratio Lower Upper

97 100

83 82.8 64.2 96.2

85 50.5 41.9 62.9

99 62.0 47.5 71.3

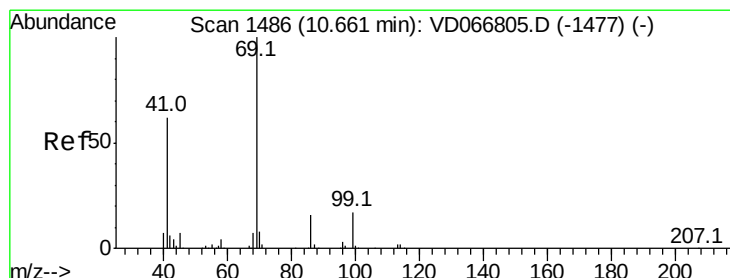
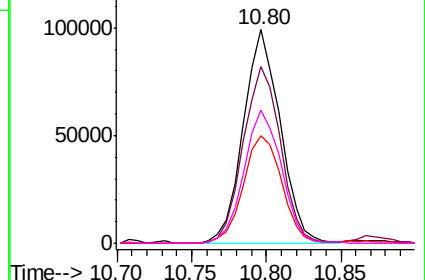
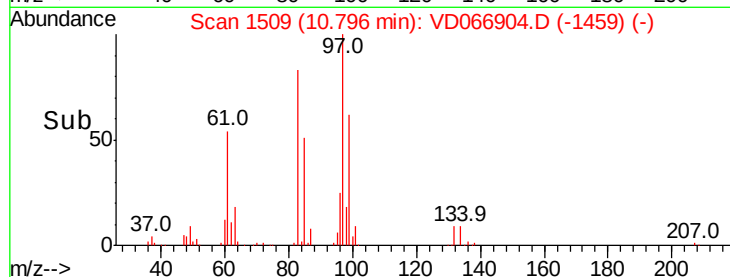


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 52.932 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

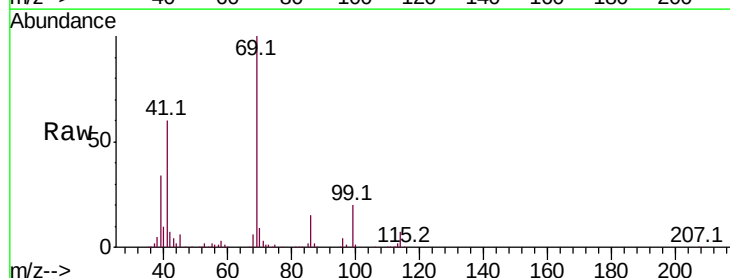
Tgt Ion: 69 Resp: 194222

Ion Ratio Lower Upper

69 100

41 61.8 52.2 78.2

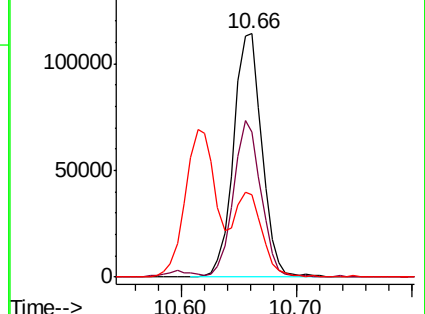
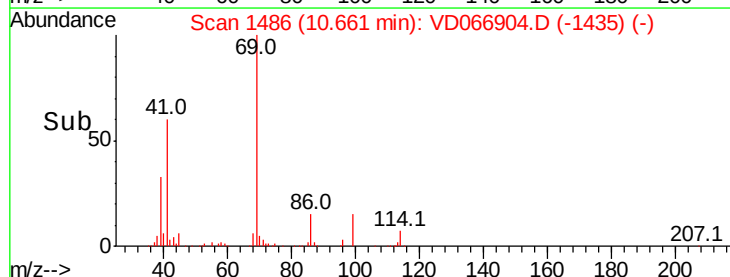
39 34.5 26.6 40.0

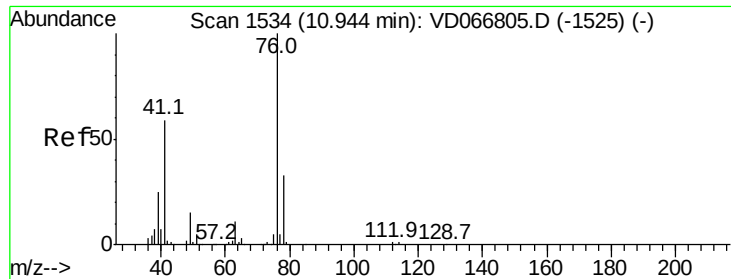


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 49.550 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

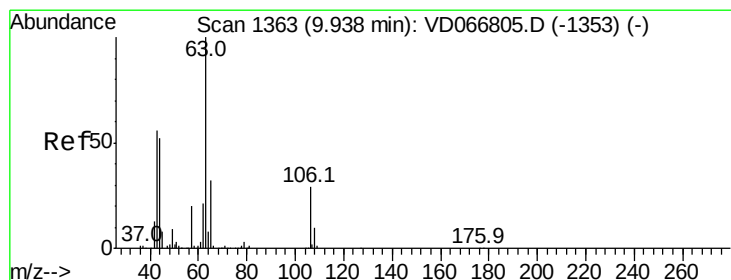
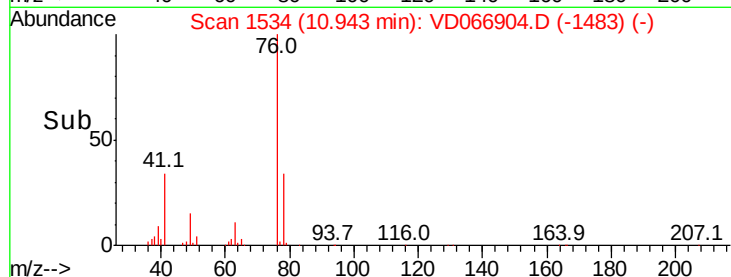
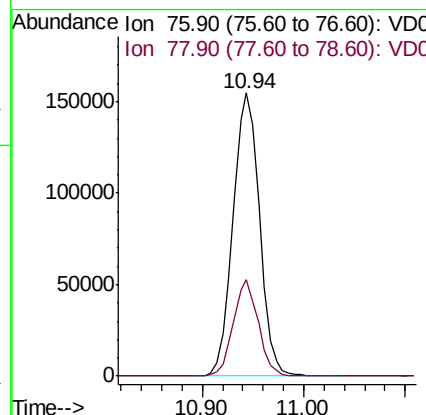
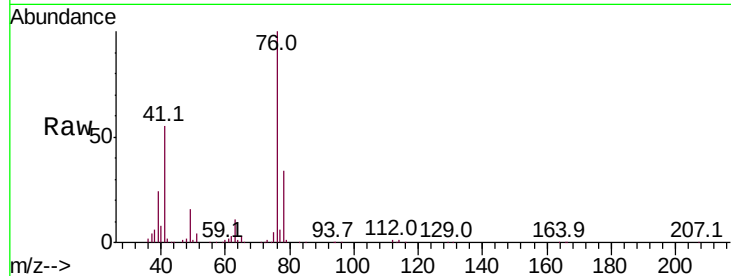
Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 280239

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 237.392 ug/l

RT: 9.94 min Scan# 1363

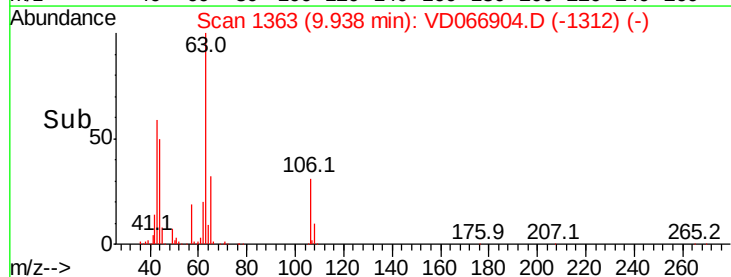
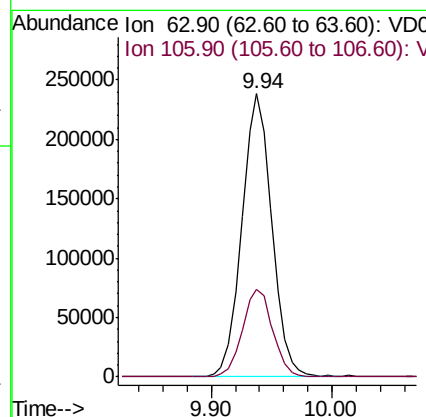
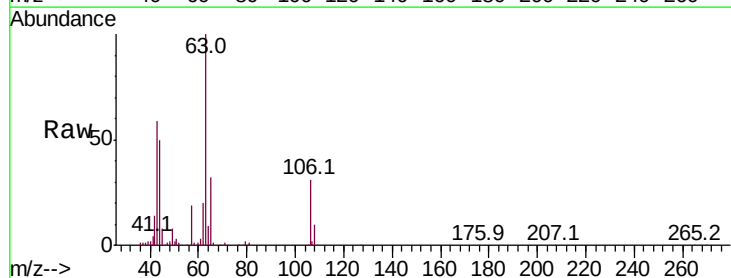
Delta R.T. -0.00 min

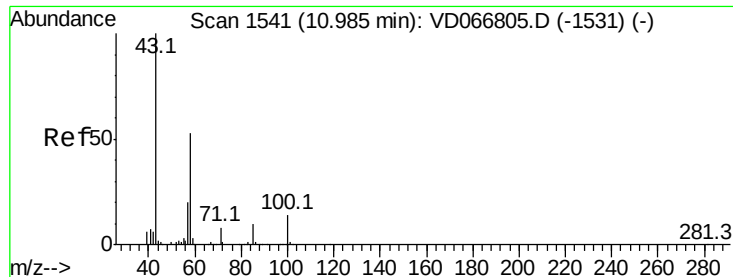
Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion: 63 Resp: 412441

Ion	Ratio	Lower	Upper
63	100		
106	31.2	23.8	35.6

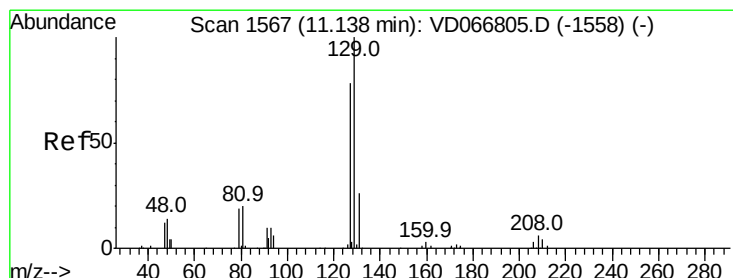
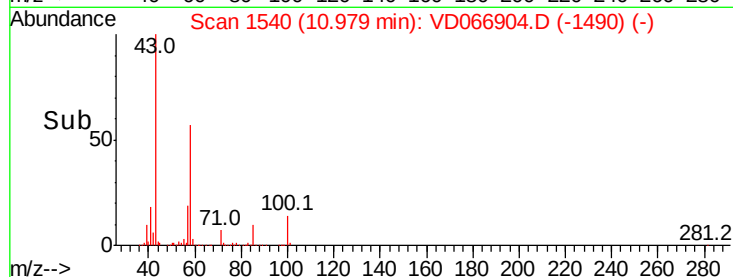
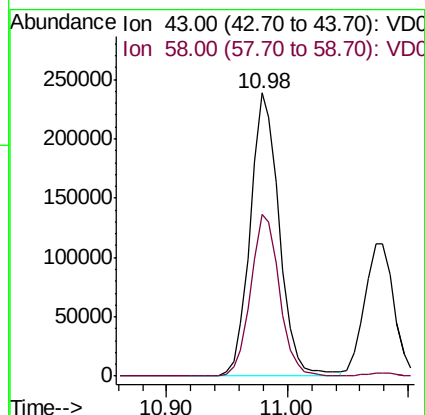
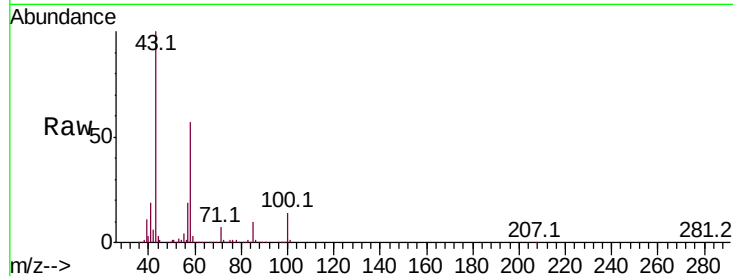




#59
2-Hexanone
Concen: 256.528 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

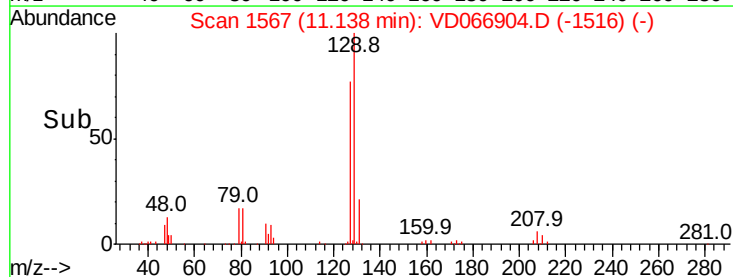
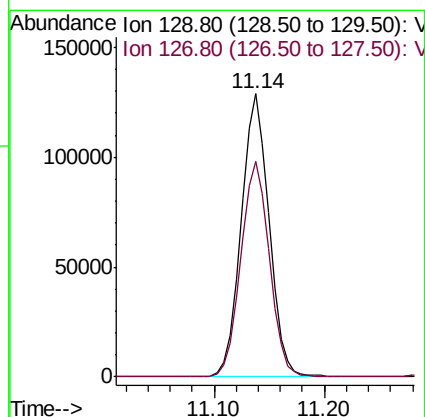
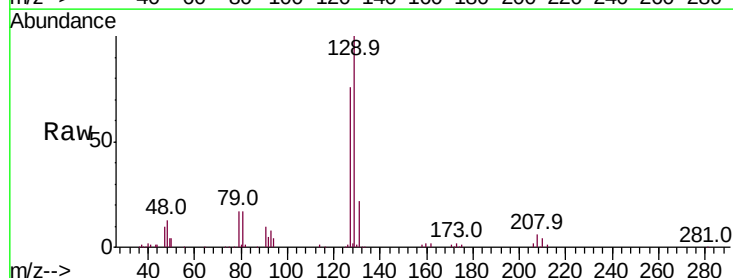
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

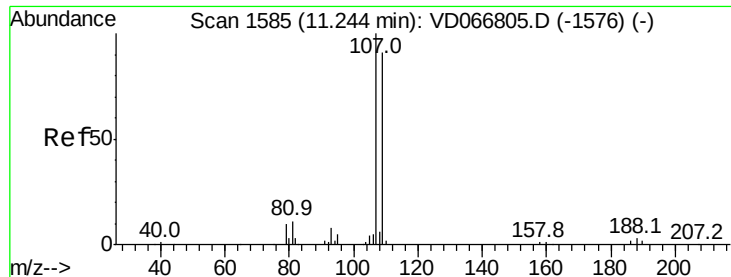
Tot Ion: 43 Resp: 399544
Ion Ratio Lower Upper
43 100
58 56.5 27.0 80.8



#60
Dibromochloromethane
Concen: 51.168 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 129 Resp: 228736
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

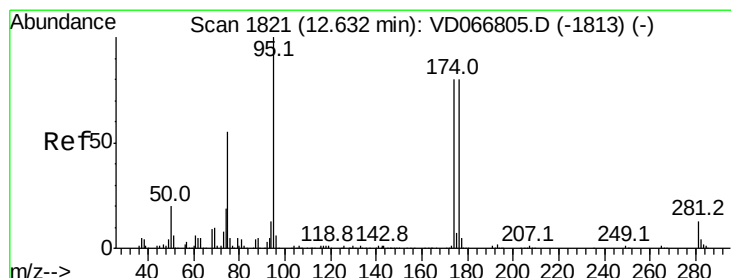
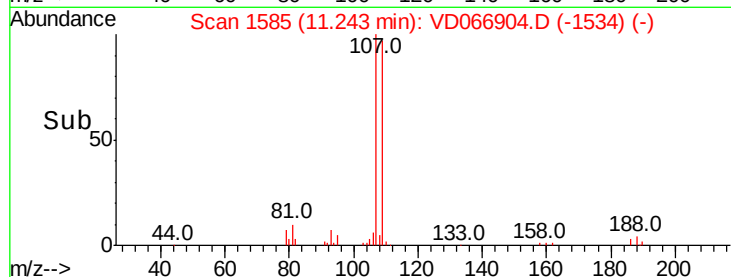
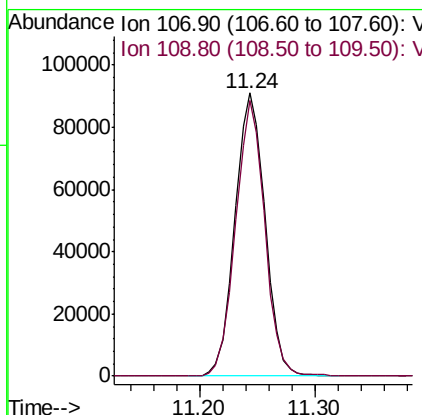
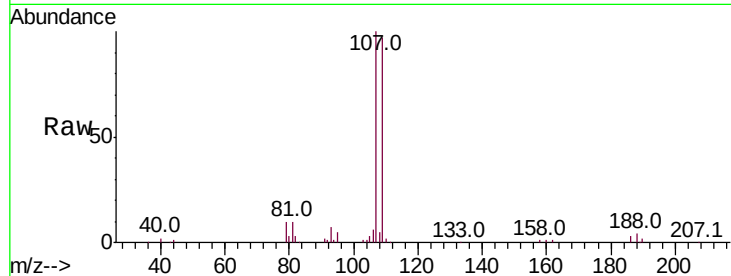




#61
1,2-Dibromoethane
Concen: 51.417 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

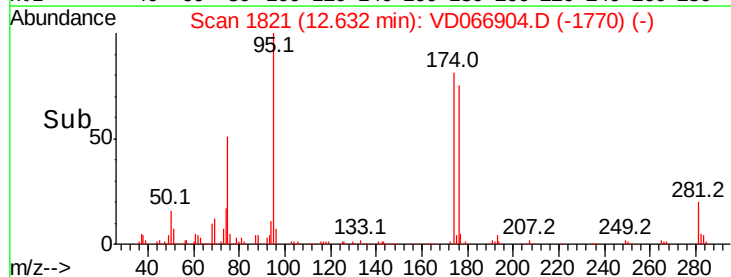
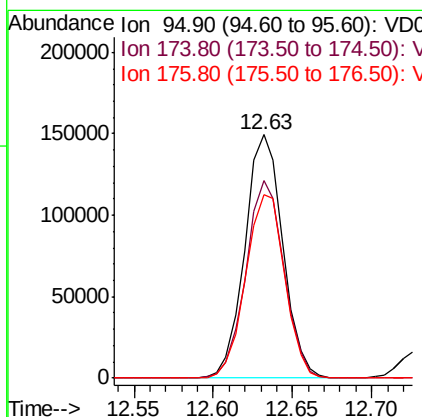
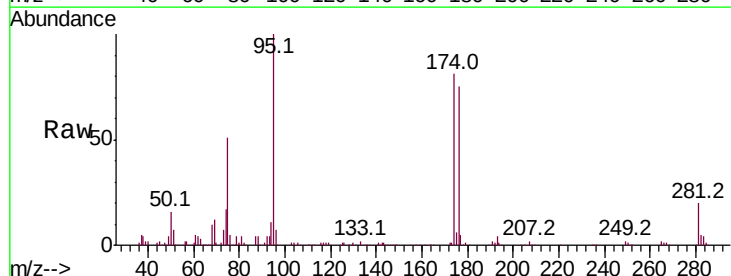
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

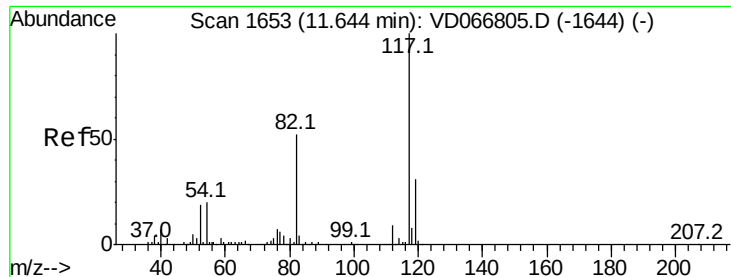
Tot Ion:107 Resp: 163804
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 50.746 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 95 Resp: 248228
Ion Ratio Lower Upper
95 100
174 81.6 0.0 159.8
176 77.8 0.0 154.4

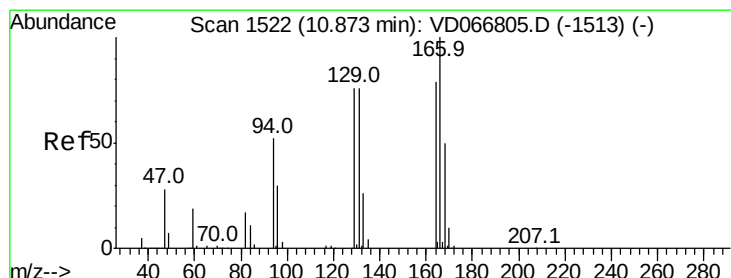
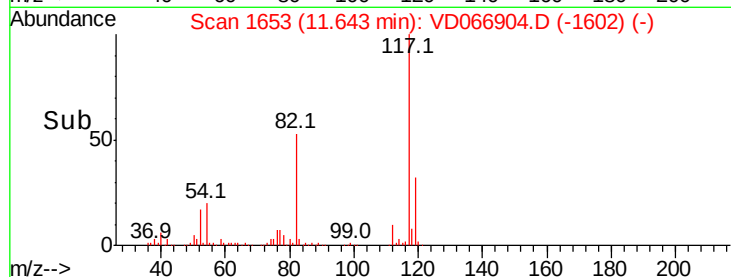
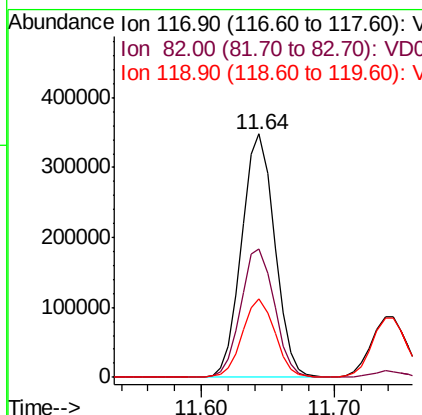
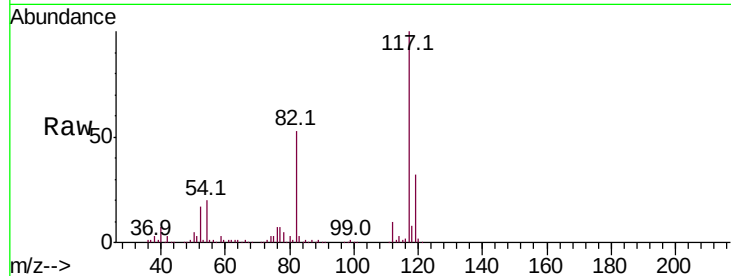




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

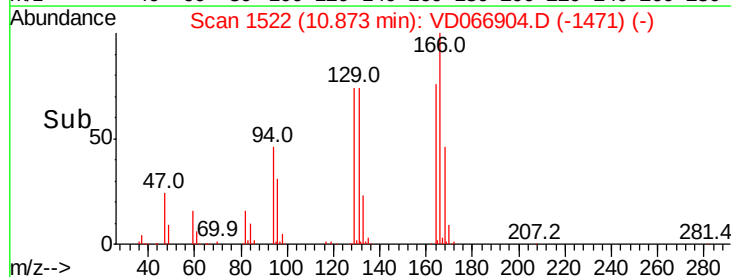
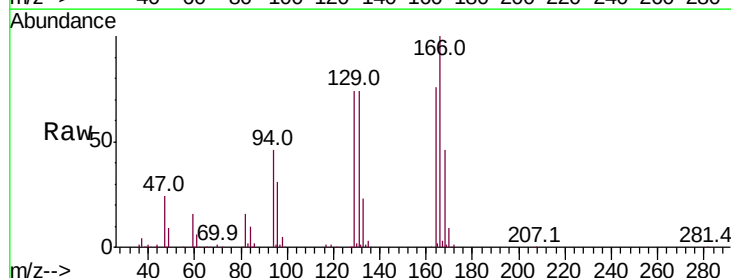
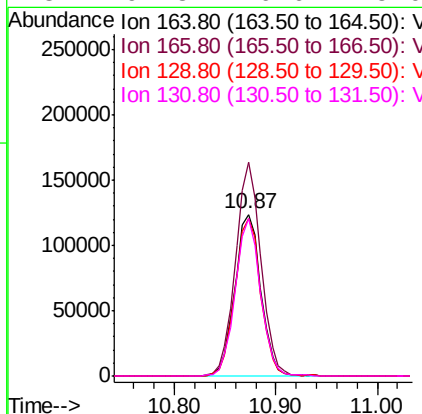
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

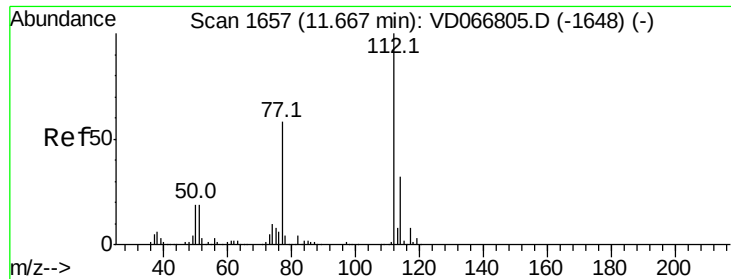
Tot Ion:117 Resp: 598101
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.6
119 32.3 24.6 37.0



#64
Tetrachloroethene
Concen: 51.256 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion:164 Resp: 220516
Ion Ratio Lower Upper
164 100
166 132.3 101.1 151.7
129 97.9 77.0 115.4
131 97.8 76.6 115.0

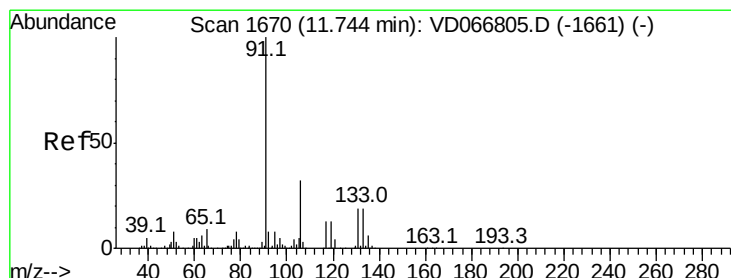
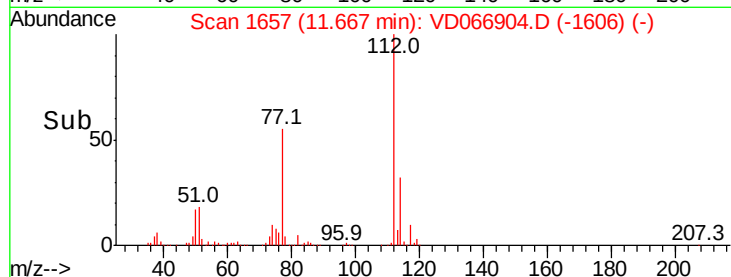
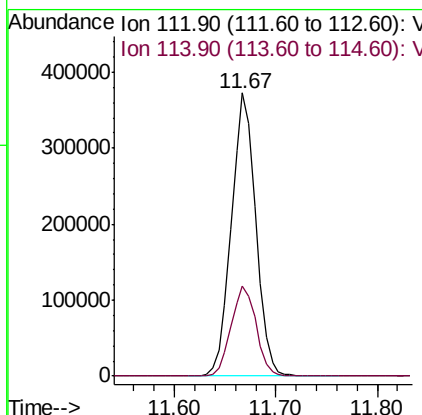
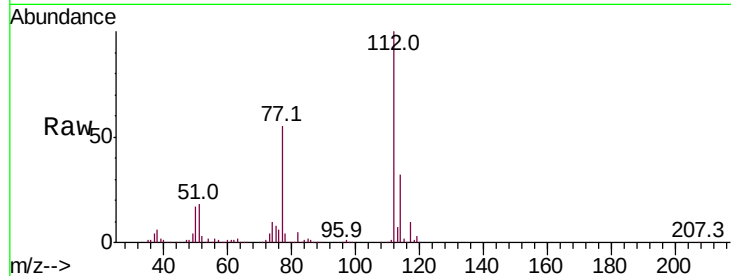




#65
Chlorobenzene
Concen: 49.993 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

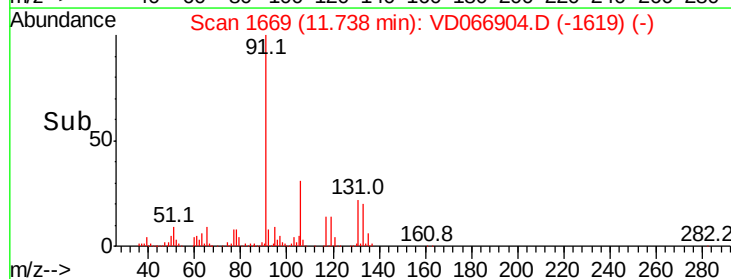
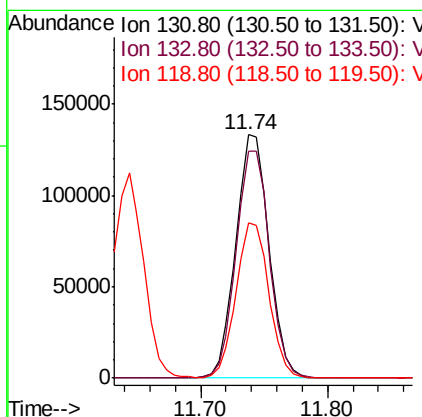
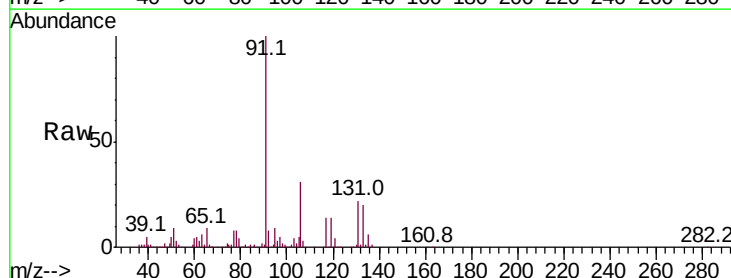
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

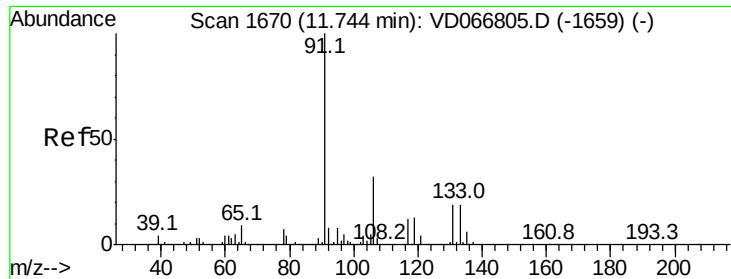
Tot Ion:112 Resp: 622408
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.307 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion:131 Resp: 241758
Ion Ratio Lower Upper
131 100
133 93.8 46.7 140.1
119 63.6 32.3 96.9





#67

Ethyl Benzene

Concen: 51.061 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

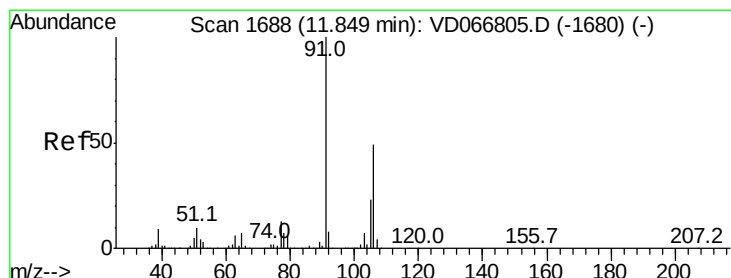
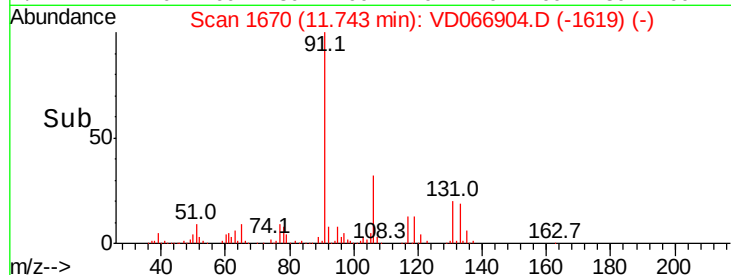
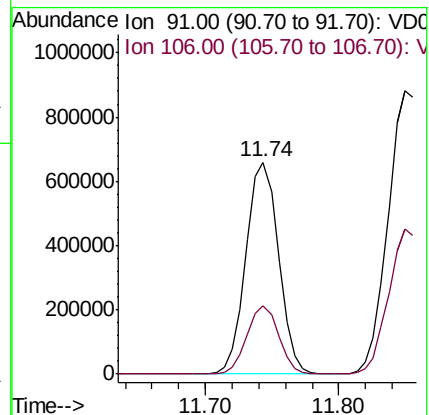
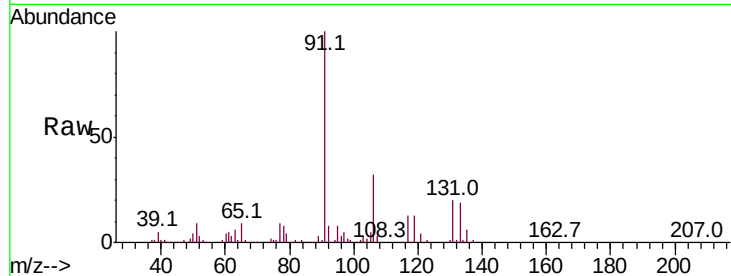
VSTDCCC050

Tot Ion: 91 Resp: 1116490

Ion Ratio Lower Upper

91 100

106 31.9 25.6 38.4



#68

m/p-Xylenes

Concen: 104.570 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066904.D

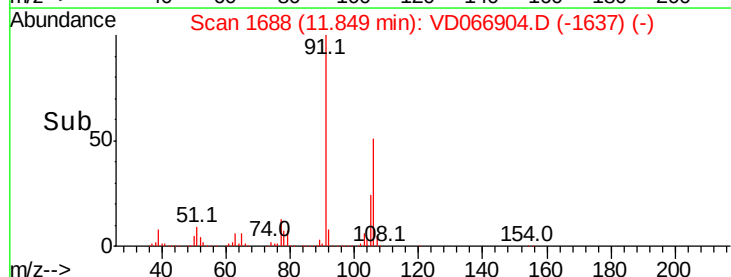
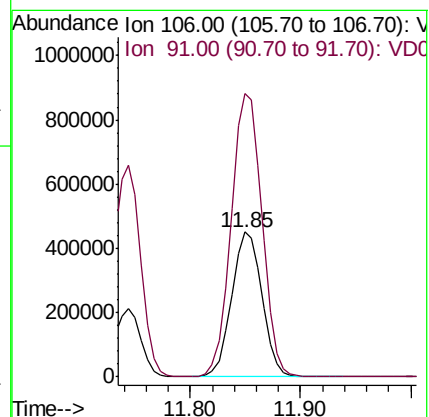
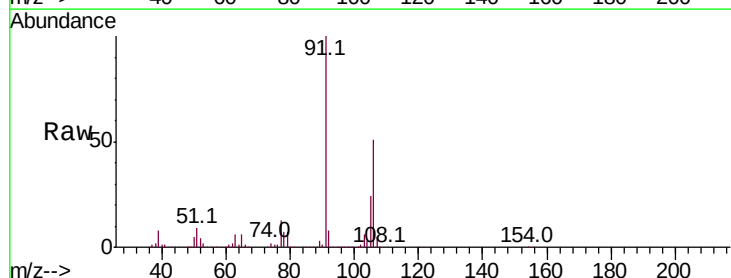
Acq: 28 Sep 2020 10:31

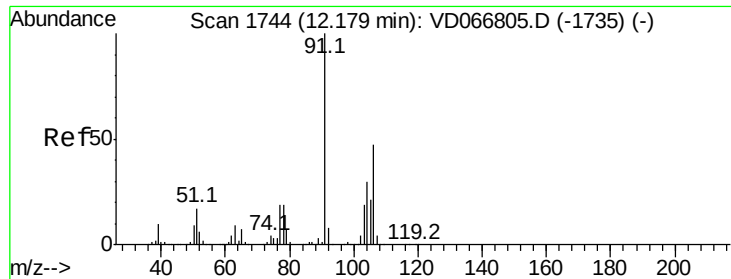
Tgt Ion:106 Resp: 865706

Ion Ratio Lower Upper

106 100

91 199.1 160.7 241.1

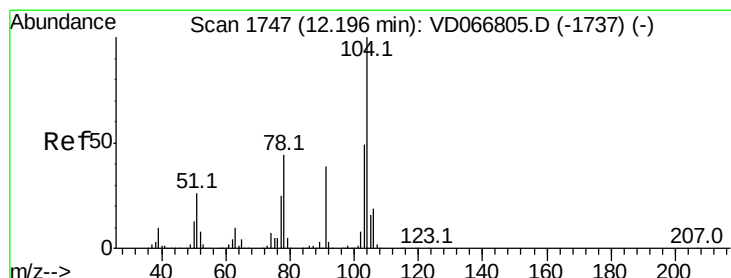
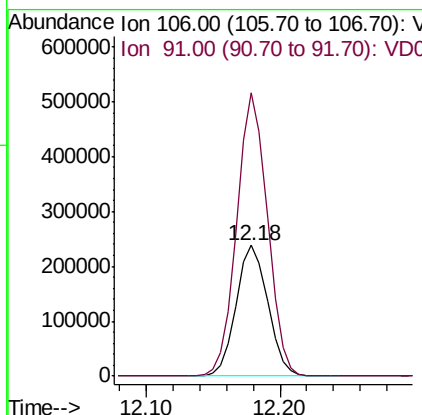
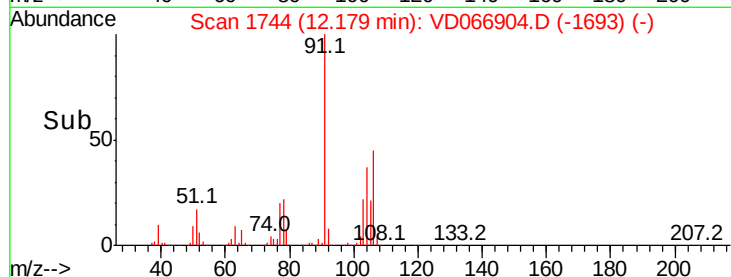
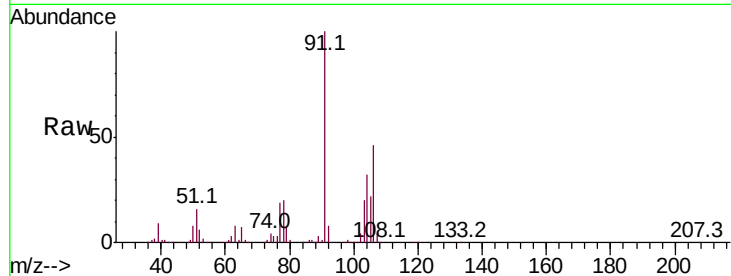




#69
o-Xylene
Concen: 52.212 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

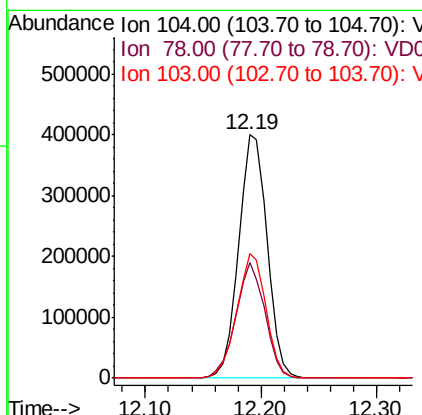
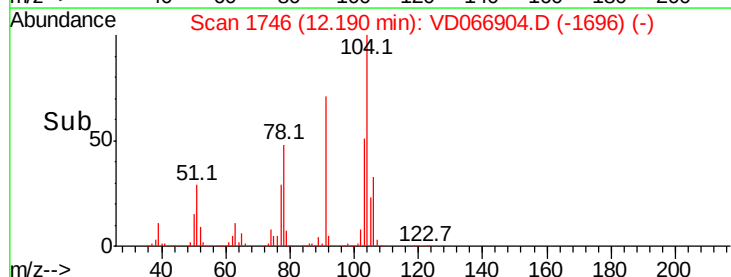
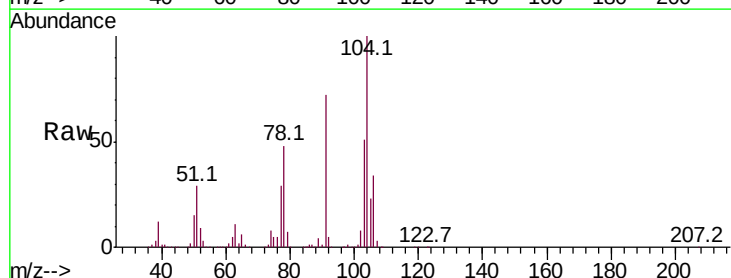
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

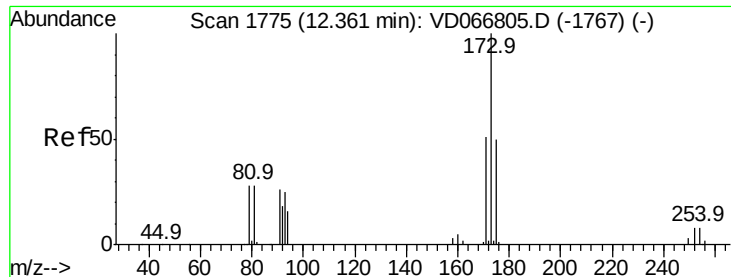
Tot Ion:106 Resp: 390851
Ion Ratio Lower Upper
106 100
91 210.5 106.3 318.8



#70
Styrene
Concen: 52.566 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion:104 Resp: 683364
Ion Ratio Lower Upper
104 100
78 48.6 38.9 58.3
103 52.8 43.2 64.8





#71

Bromoform

Concen: 52.410 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

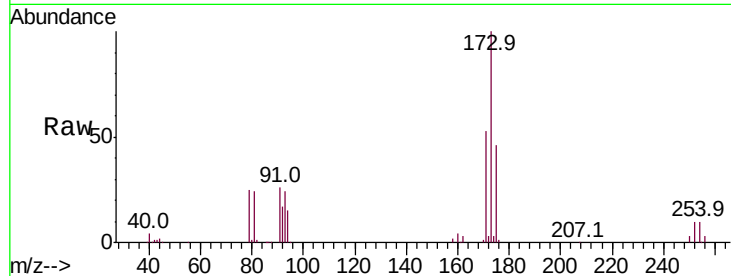
Tot Ion:173 Resp: 125036

Ion Ratio Lower Upper

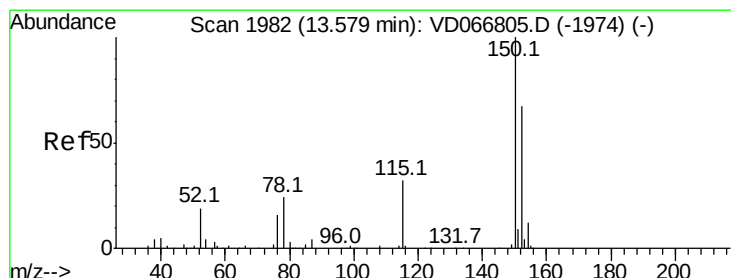
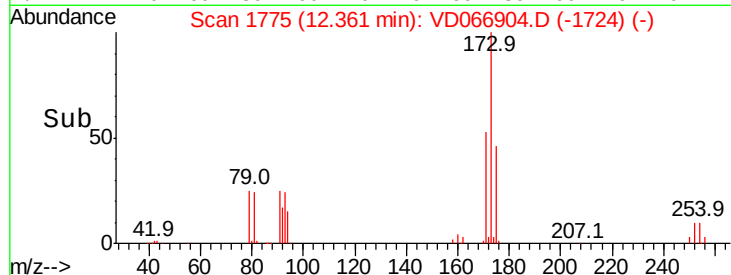
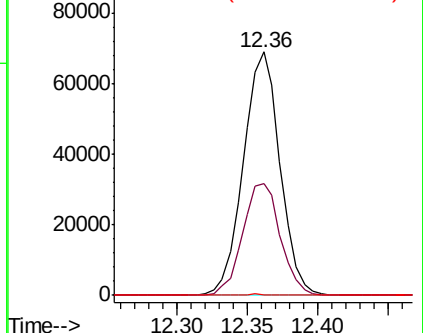
173 100

175 47.0 24.9 74.6

254 0.2 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: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

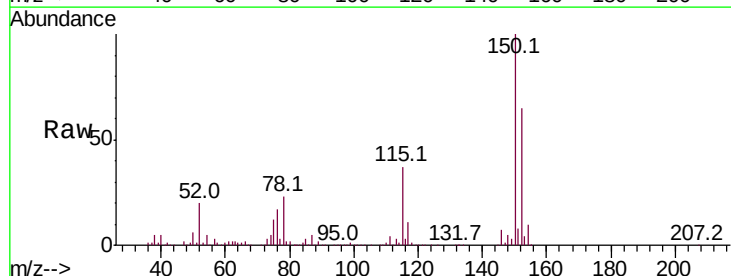
Tgt Ion:152 Resp: 288237

Ion Ratio Lower Upper

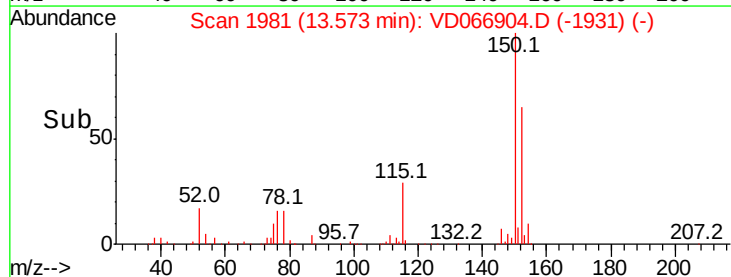
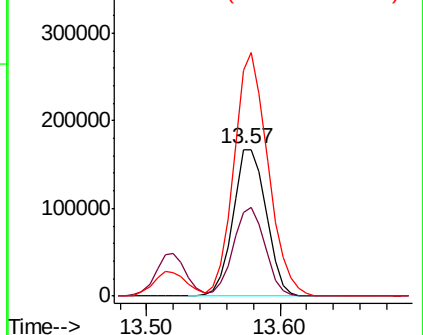
152 100

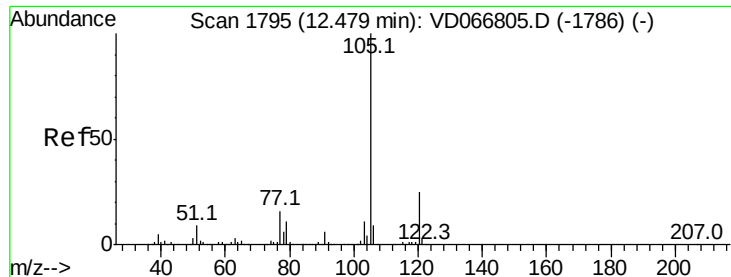
115 58.2 30.3 91.0

150 170.3 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: 52.462 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

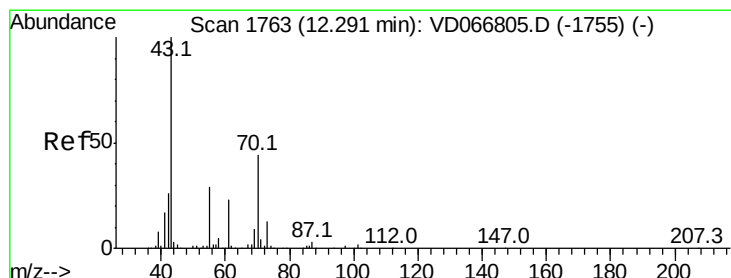
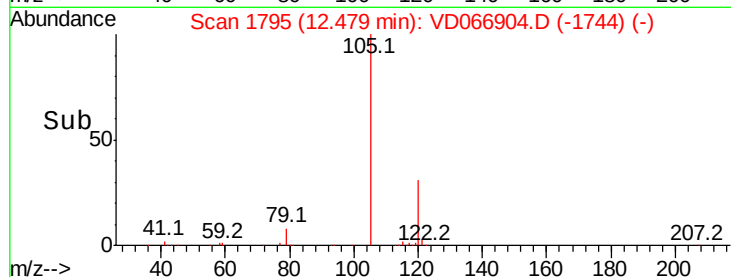
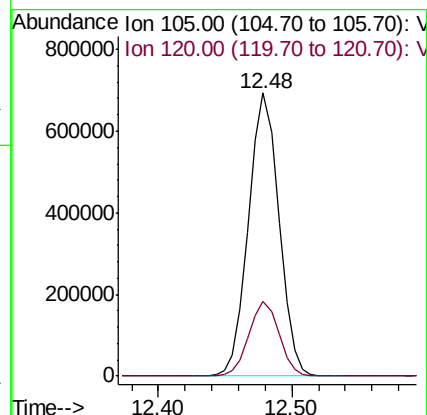
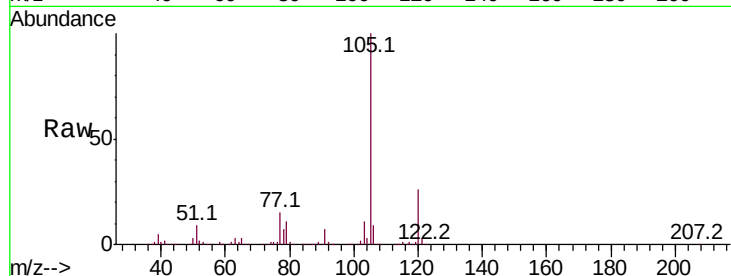
VSTDCCC050

Tot Ion:105 Resp: 1092379

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 49.670 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion: 43 Resp: 201971

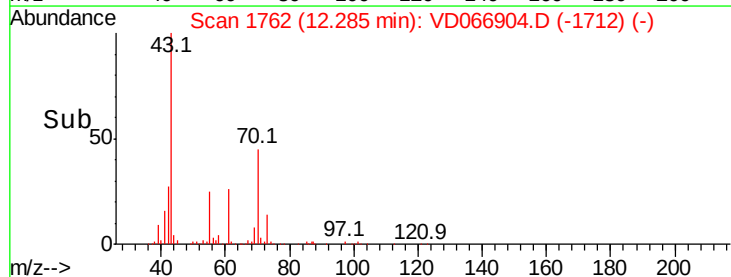
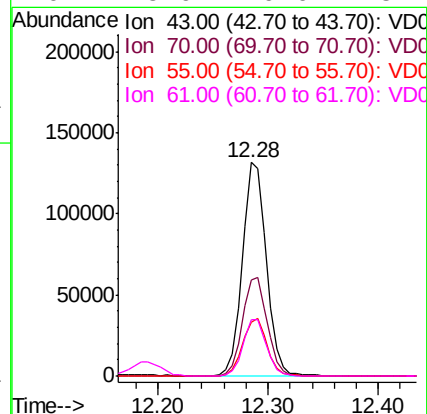
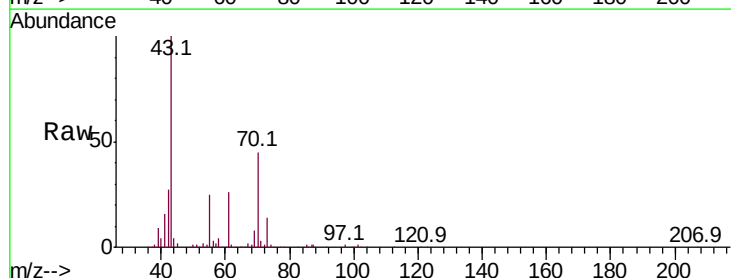
Ion Ratio Lower Upper

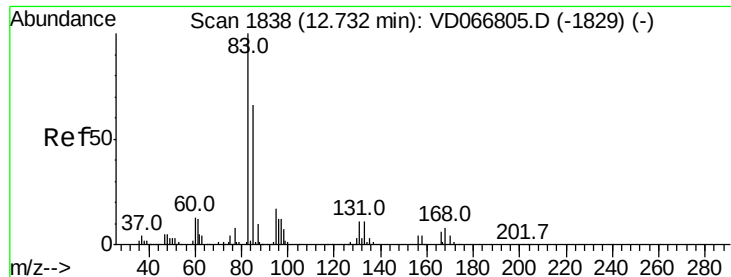
43 100

70 47.2 36.1 54.1

55 27.3 21.8 32.8

61 25.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.200 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

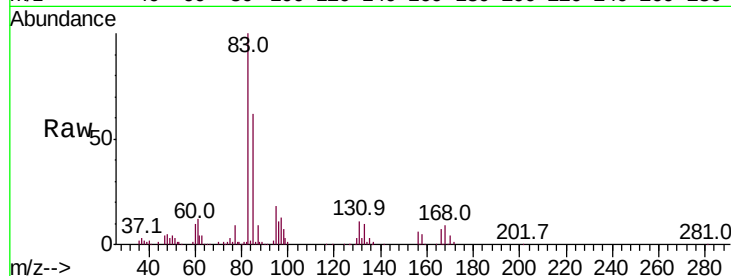
Tot Ion: 83 Resp: 176776

Ion Ratio Lower Upper

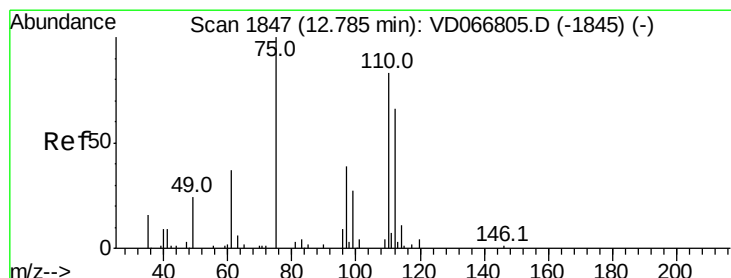
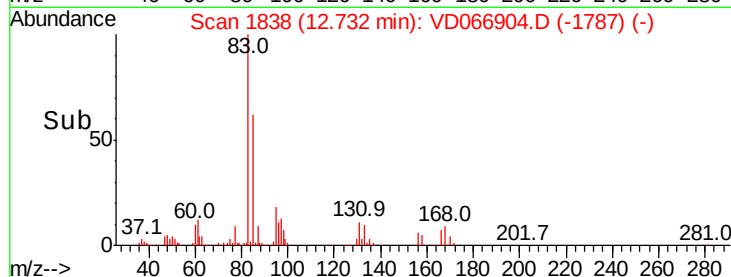
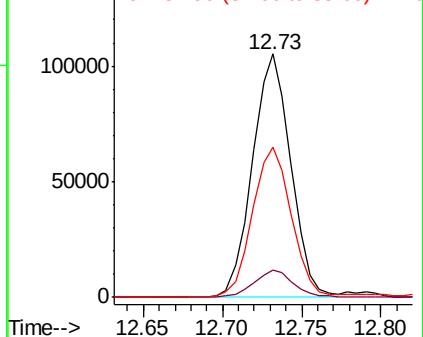
83 100

131 11.7 5.5 16.7

85 62.8 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: 95.604 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066904.D

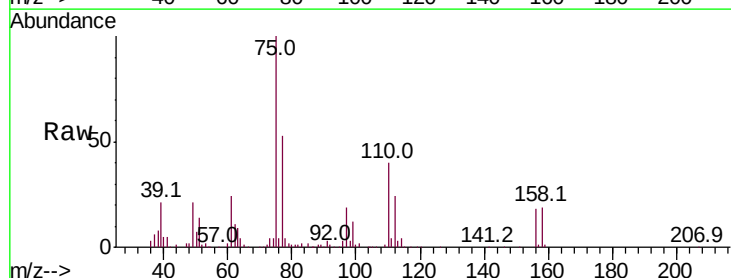
Acq: 28 Sep 2020 10:31

Tgt Ion: 75 Resp: 228368

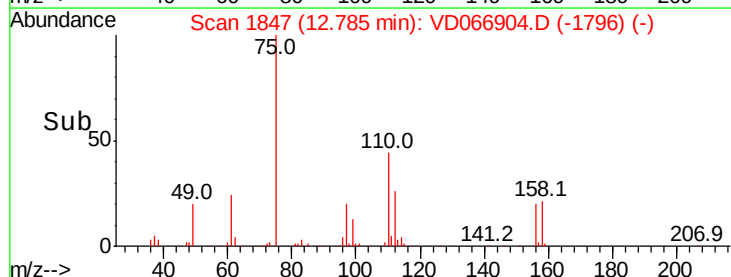
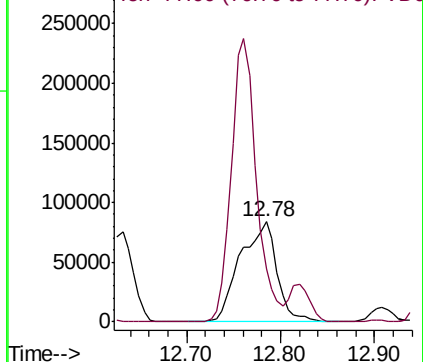
Ion Ratio Lower Upper

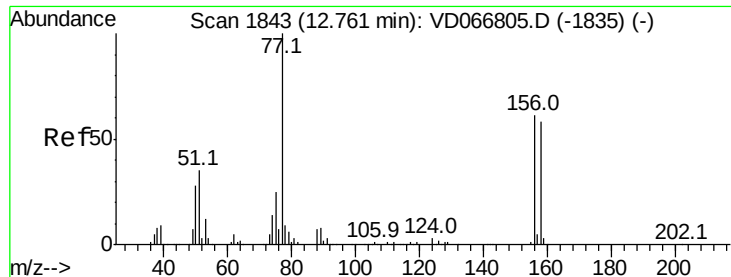
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.975 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

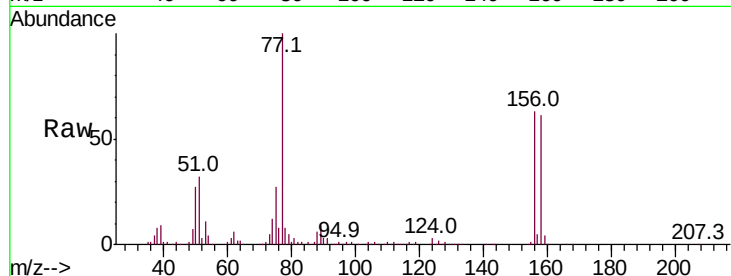
Tot Ion:156 Resp: 253112

Ion Ratio Lower Upper

156 100

77 174.6 92.3 276.9

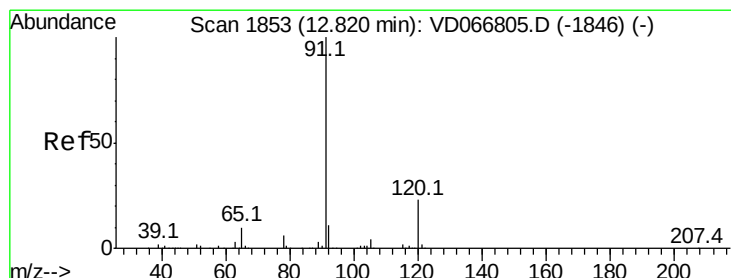
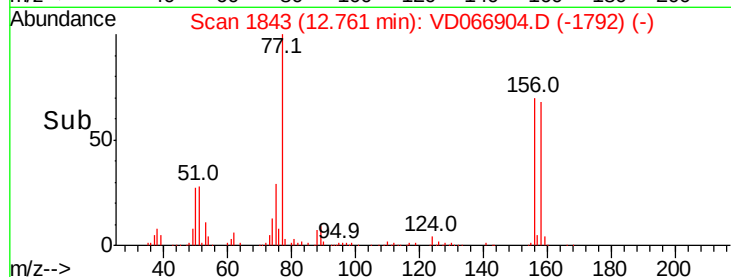
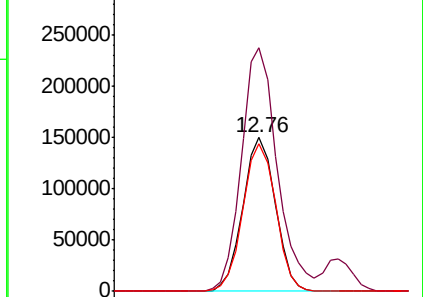
158 96.5 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.191 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066904.D

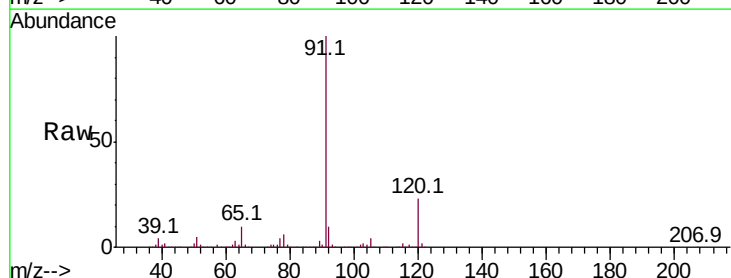
Acq: 28 Sep 2020 10:31

Tgt Ion: 91 Resp: 1282332

Ion Ratio Lower Upper

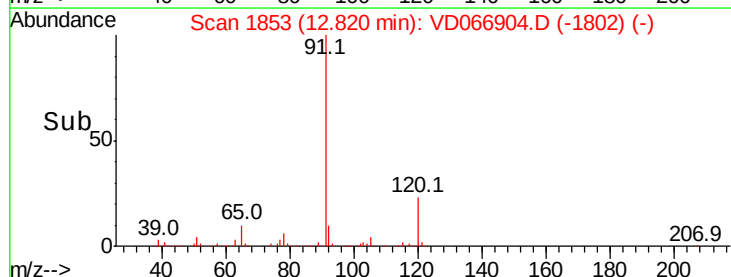
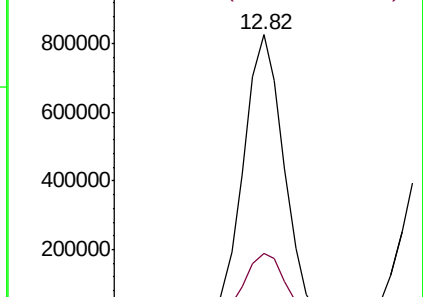
91 100

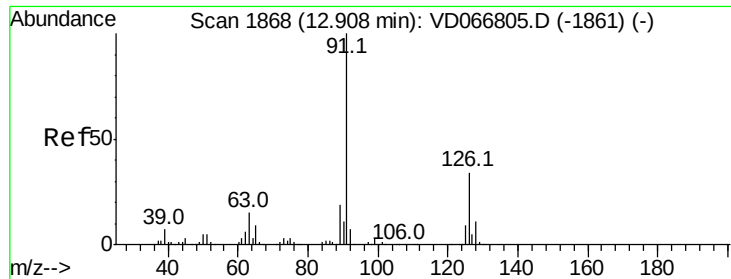
120 23.5 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.672 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

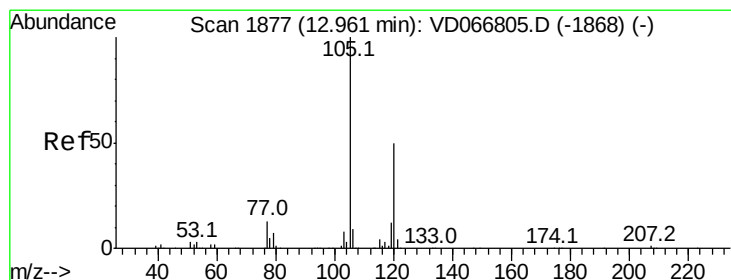
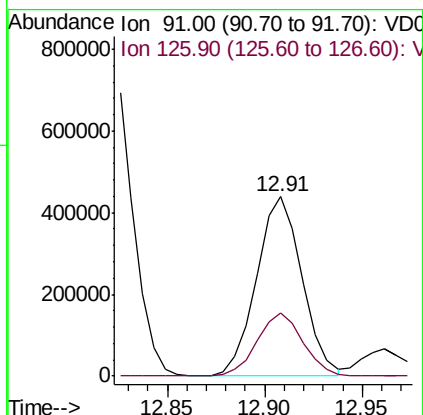
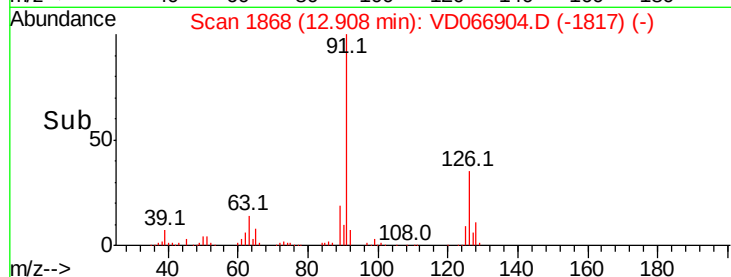
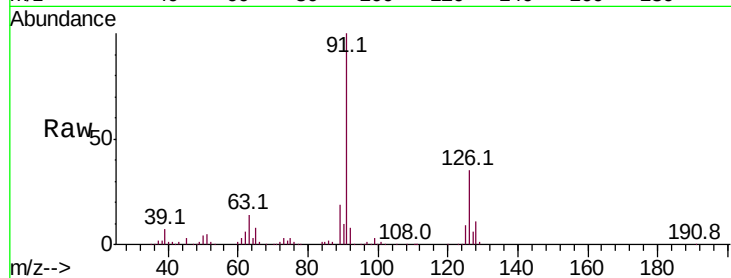
VSTDCCC050

Tot Ion: 91 Resp: 709058

Ion Ratio Lower Upper

91 100

126 35.0 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 51.986 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066904.D

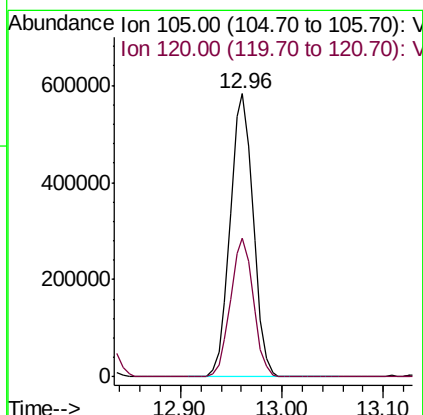
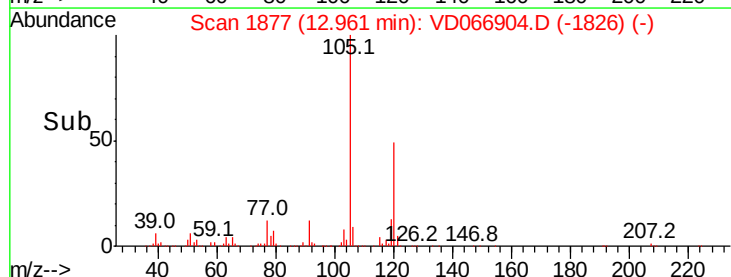
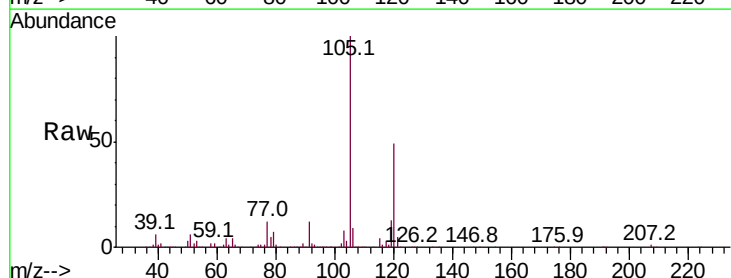
Acq: 28 Sep 2020 10:31

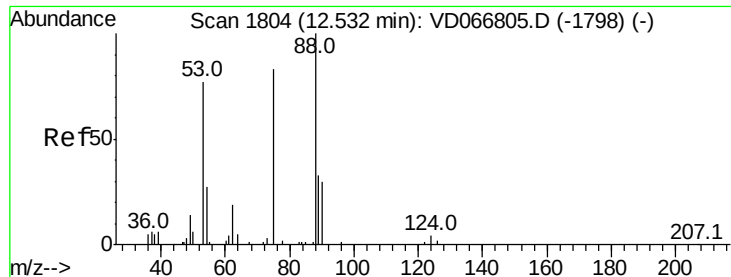
Tgt Ion:105 Resp: 918481

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.502 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

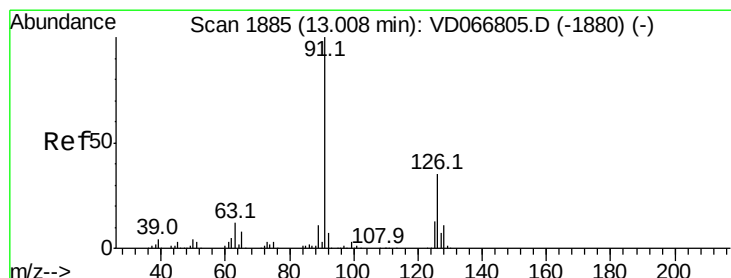
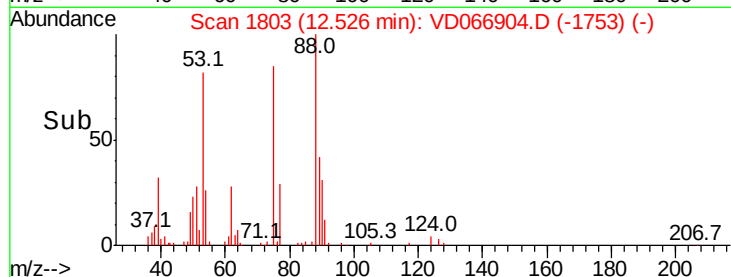
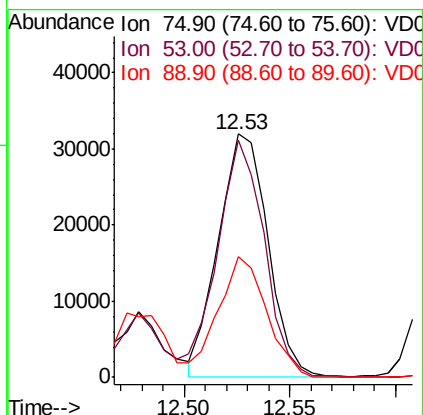
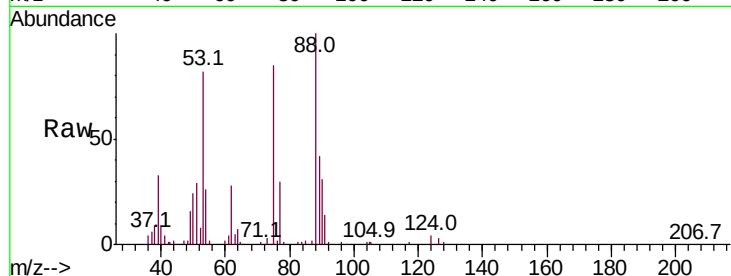
Tot Ion: 75 Resp: 52035

Ion Ratio Lower Upper

75 100

53 92.7 78.5 117.7

89 48.3 38.1 57.1



#82

4-Chlorotoluene

Concen: 50.004 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066904.D

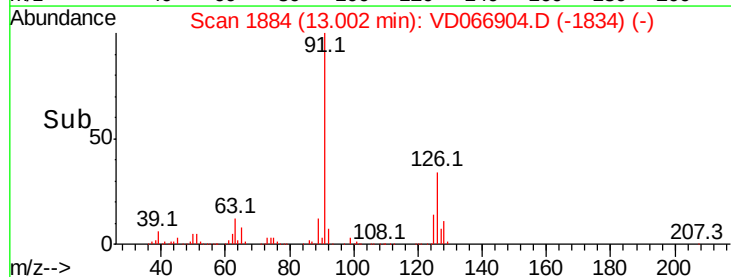
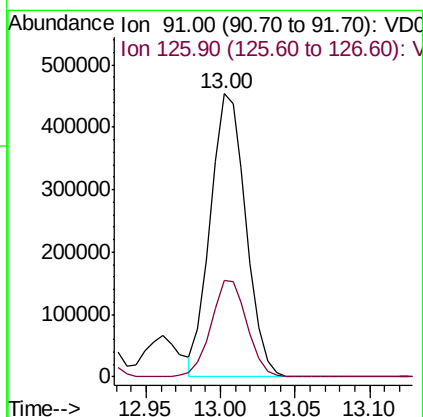
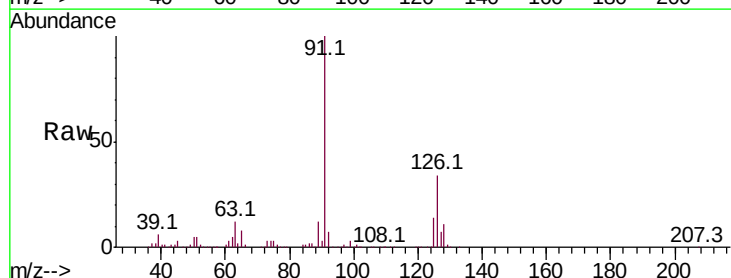
Acq: 28 Sep 2020 10:31

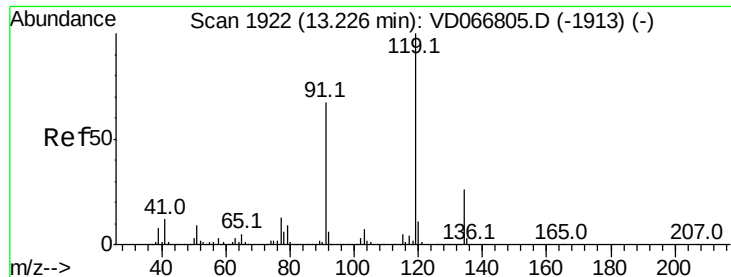
Tgt Ion: 91 Resp: 752443

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2

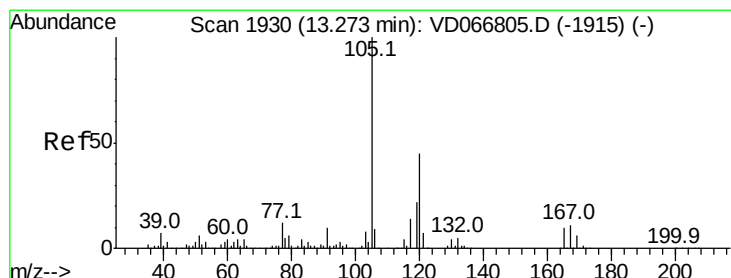
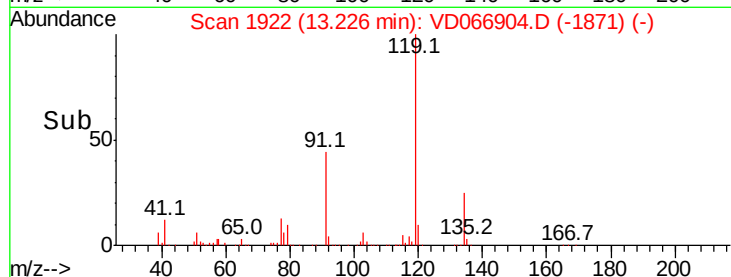
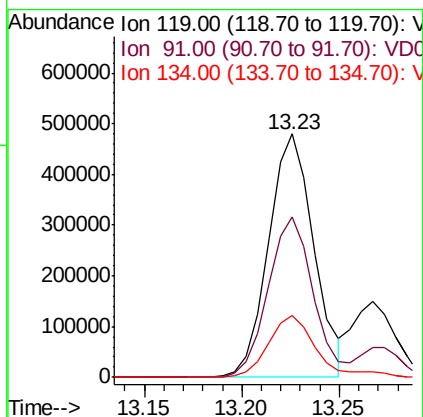
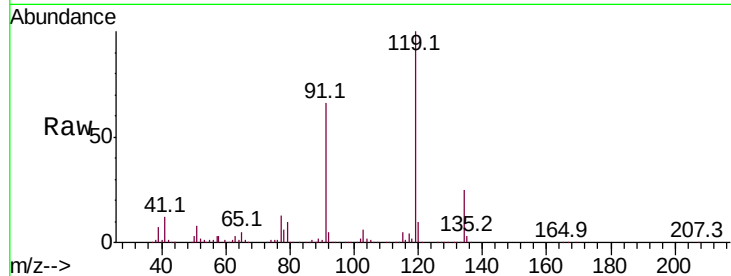




#83
 tert-Butylbenzene
 Concen: 53.133 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

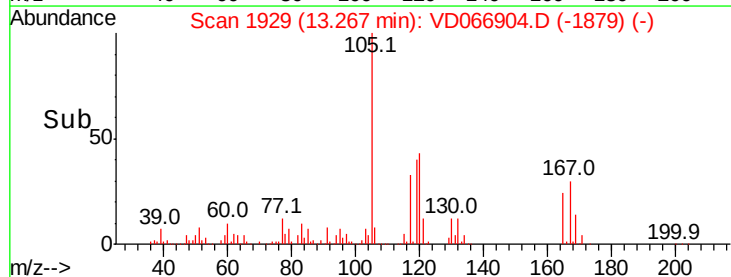
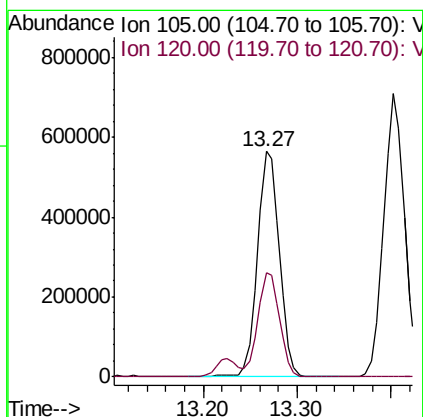
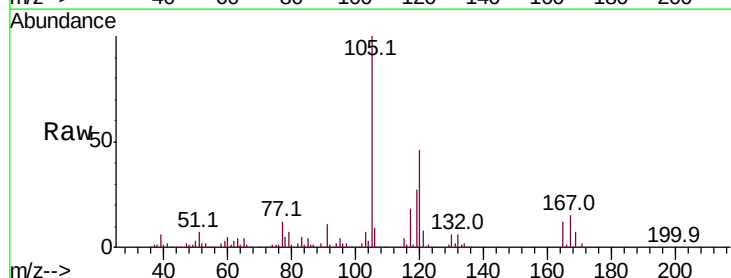
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

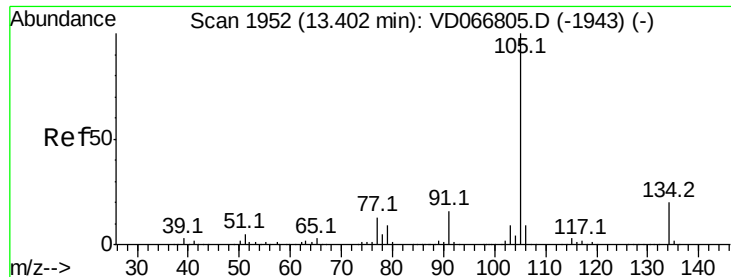
Tot Ion:119 Resp: 771391
 Ion Ratio Lower Upper
 119 100
 91 65.9 33.6 100.8
 134 27.0 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.966 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion:105 Resp: 910421
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.034 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

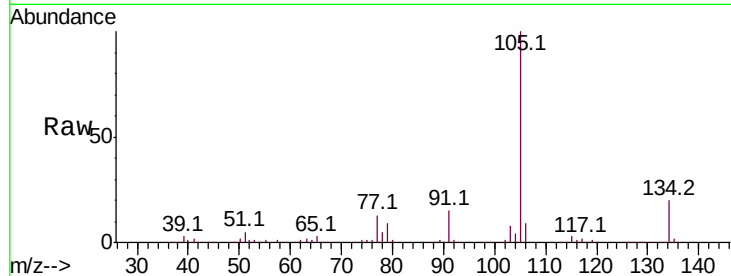
VSTDCCC050

Tot Ion:105 Resp: 1086327

Ion Ratio Lower Upper

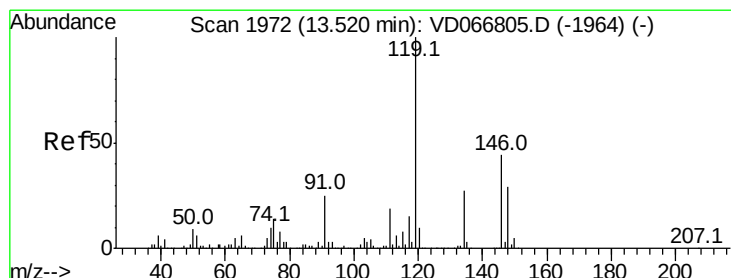
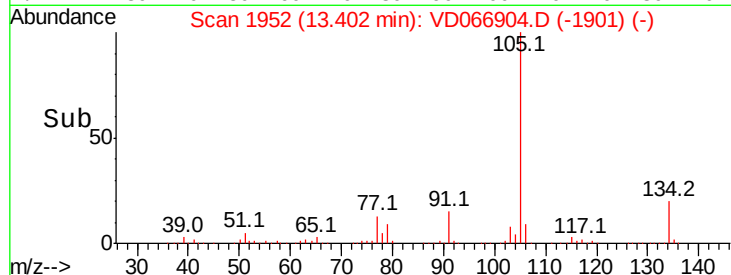
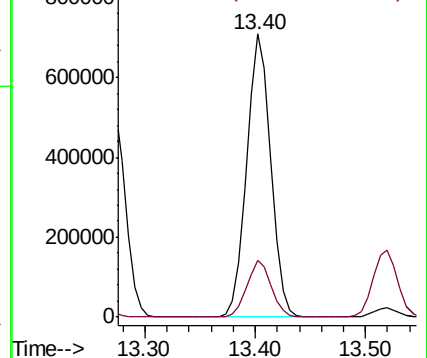
105 100

134 20.1 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.228 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

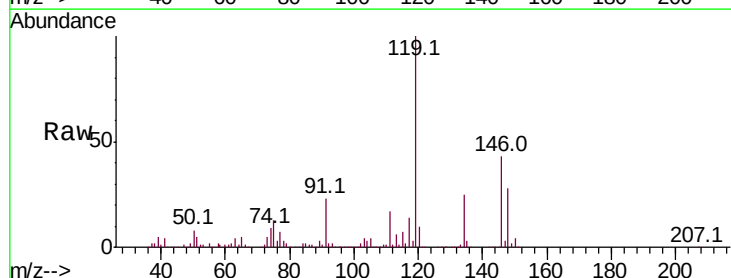
Tgt Ion:119 Resp: 1001668

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

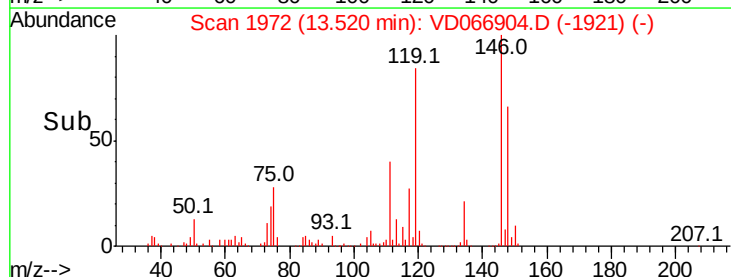
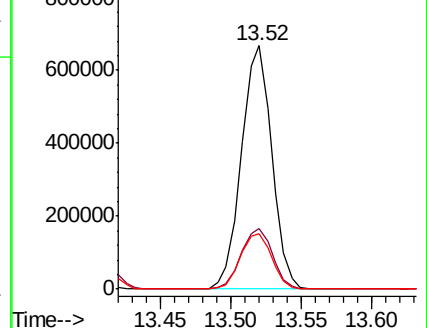
91 23.6 12.0 36.1

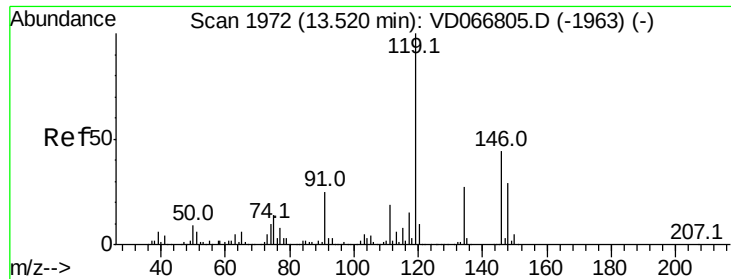


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.676 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

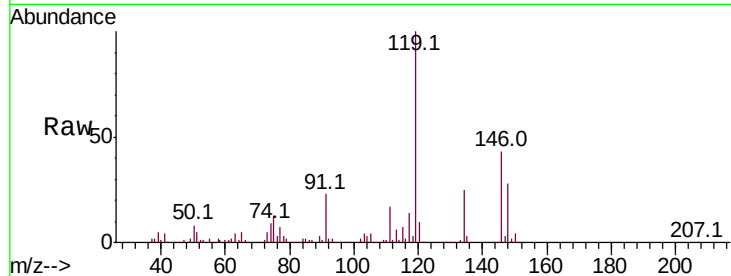
Tot Ion:146 Resp: 477934

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

148 65.0 31.9 95.5

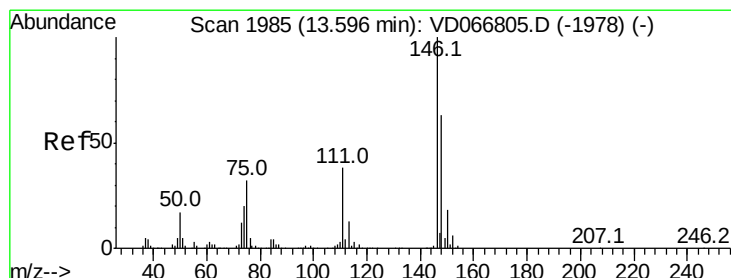
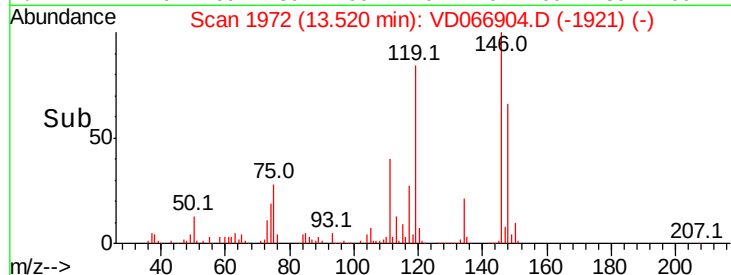
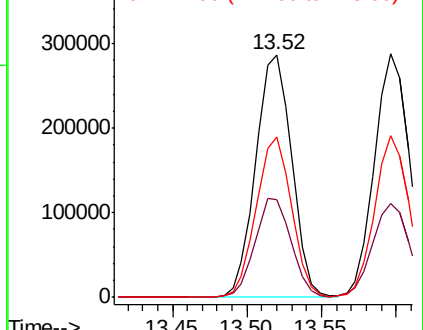


Abundance

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: 48.991 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

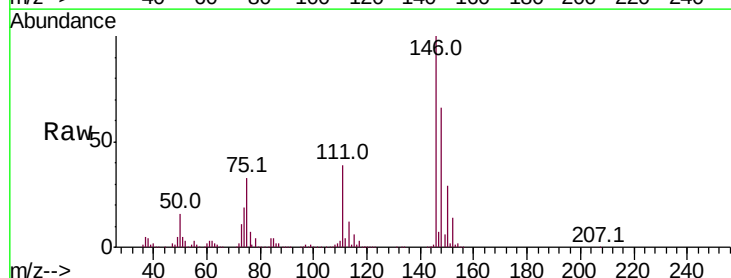
Tgt Ion:146 Resp: 468145

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.5

148 65.1 31.6 94.7

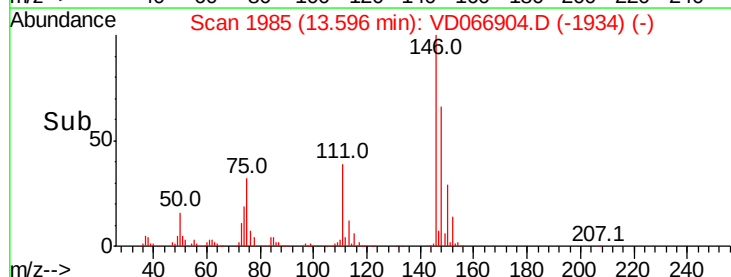
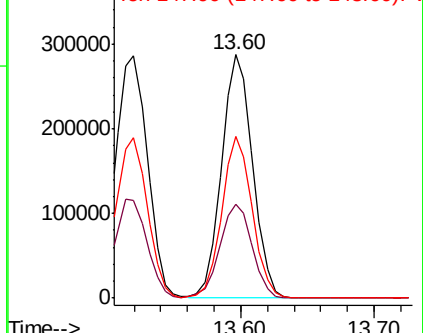


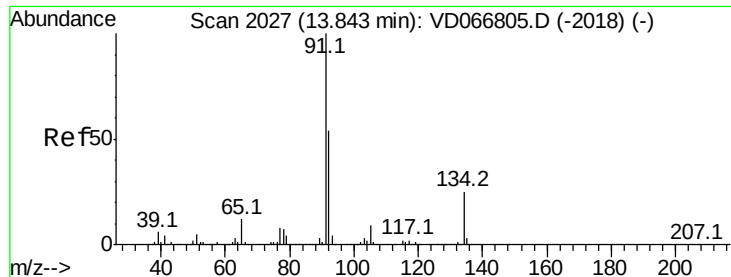
Abundance

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

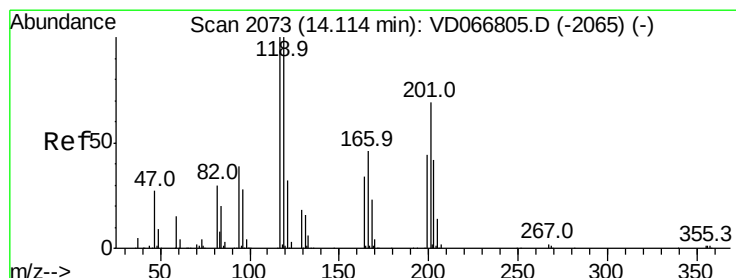
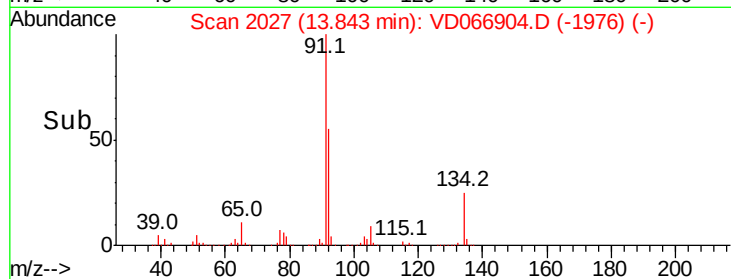
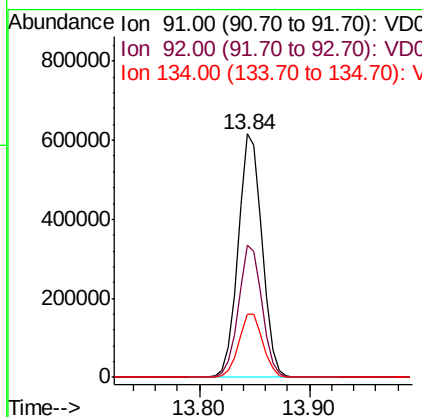
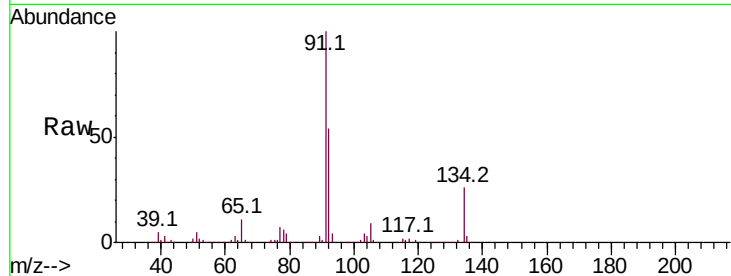




#89
n-Butylbenzene
Concen: 52.307 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

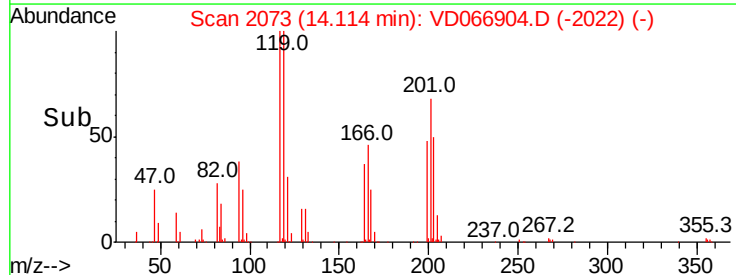
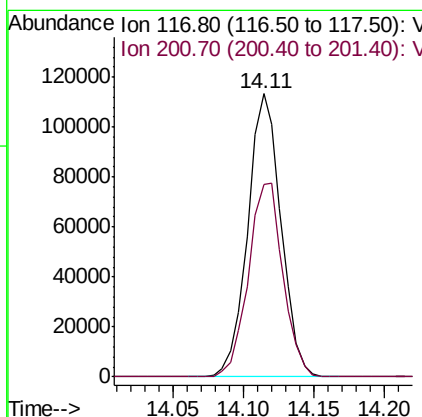
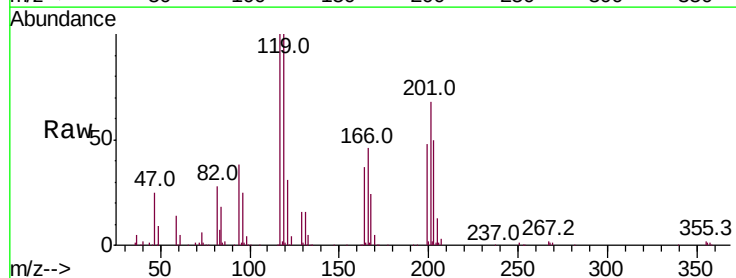
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

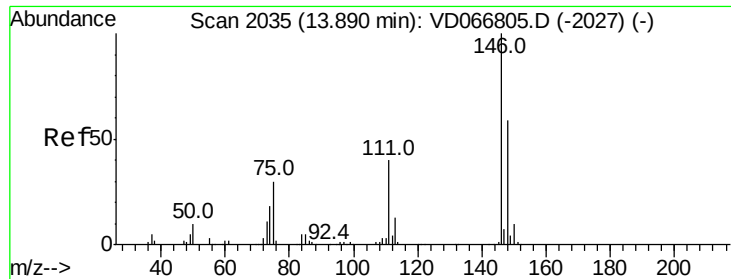
Tot Ion: 91 Resp: 935596
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 26.1 13.1 39.1



#90
Hexachloroethane
Concen: 49.070 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 117 Resp: 187472
Ion Ratio Lower Upper
117 100
201 71.0 33.7 101.0

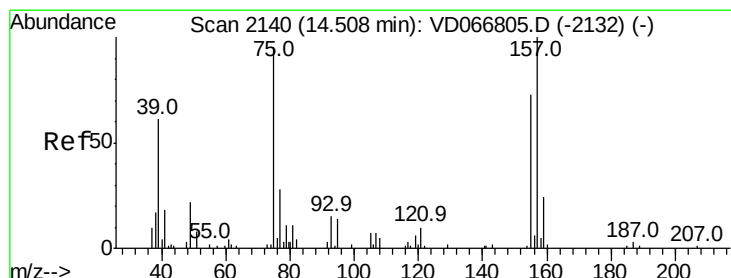
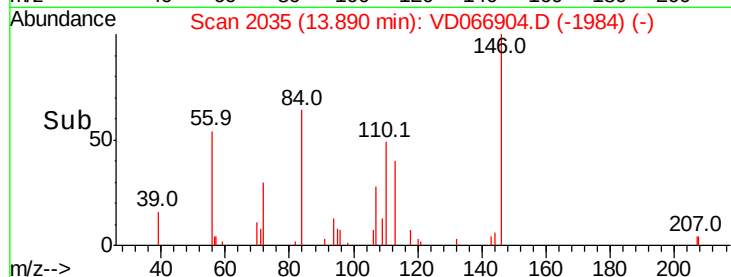
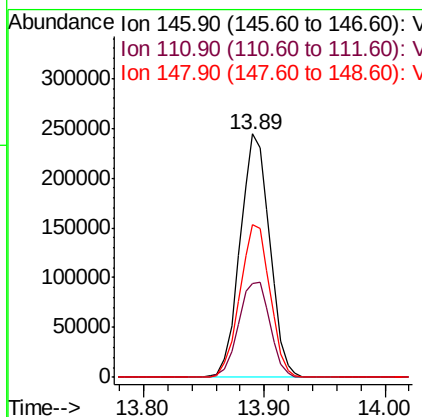
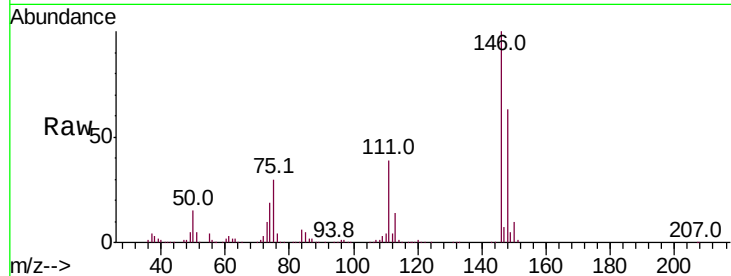




#91
 1,2-Dichlorobenzene
 Concen: 50.577 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

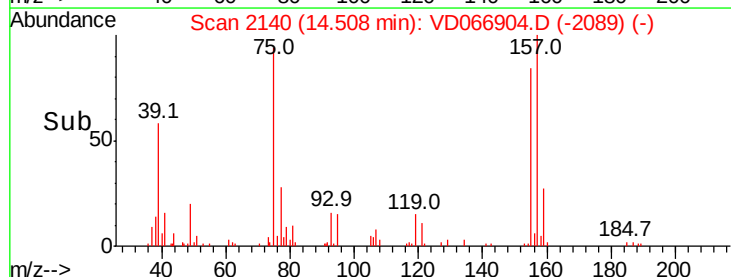
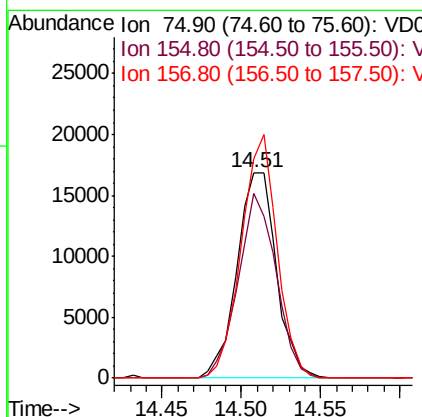
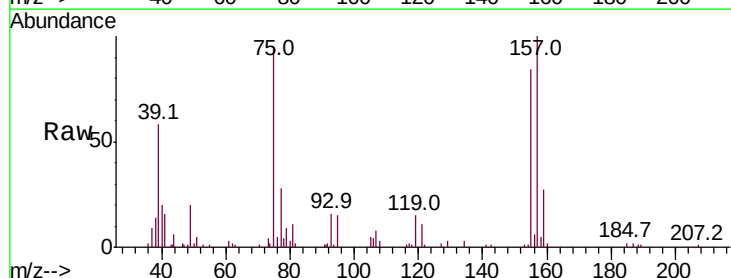
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

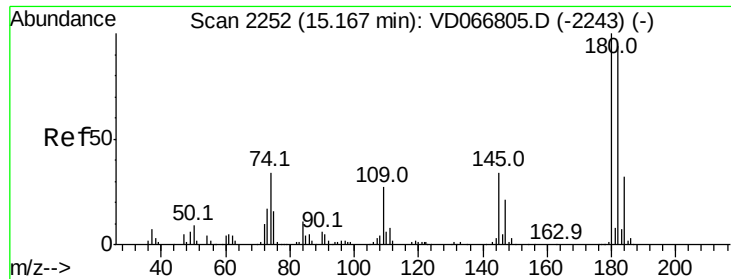
Tot Ion:146 Resp: 416314
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.9 62.7
 148 64.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.491 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion: 75 Resp: 29183
 Ion Ratio Lower Upper
 75 100
 155 86.1 40.4 121.2
 157 107.2 51.3 153.9

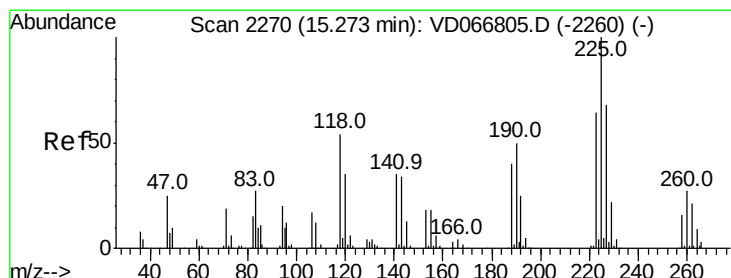
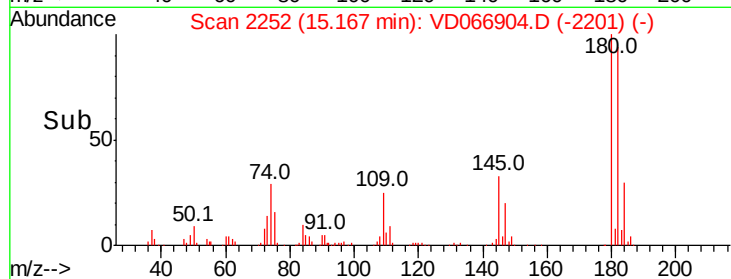
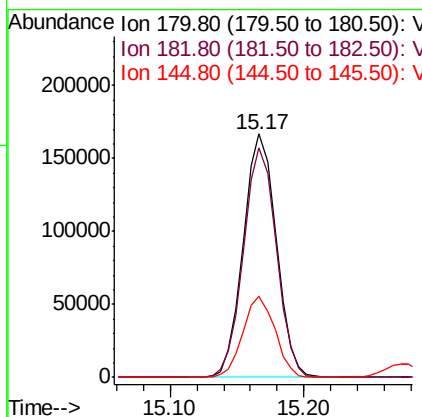
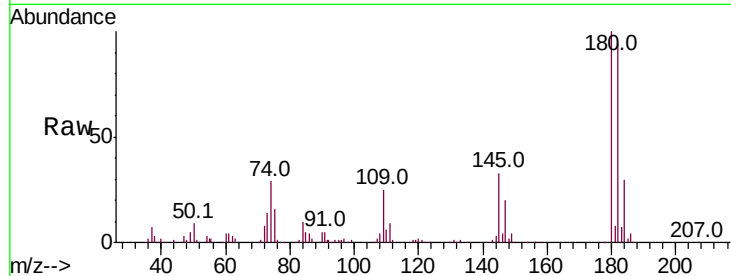




#93
 1,2,4-Trichlorobenzene
 Concen: 54.765 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

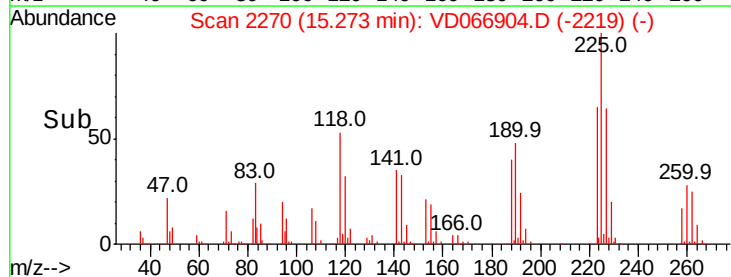
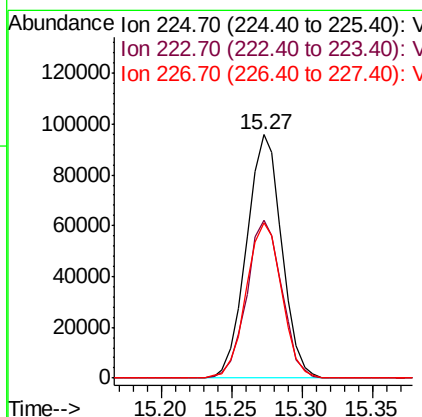
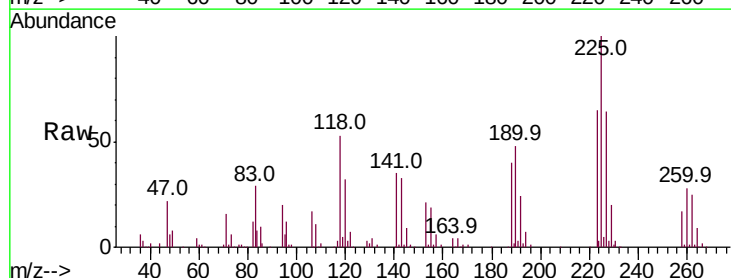
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

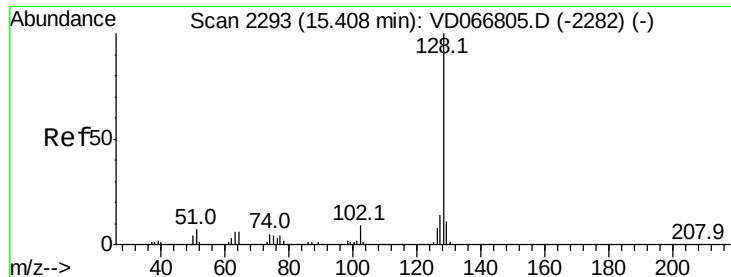
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.8	146.3
145	32.7	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 53.998 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.1	93.3
227	64.5	31.7	95.1

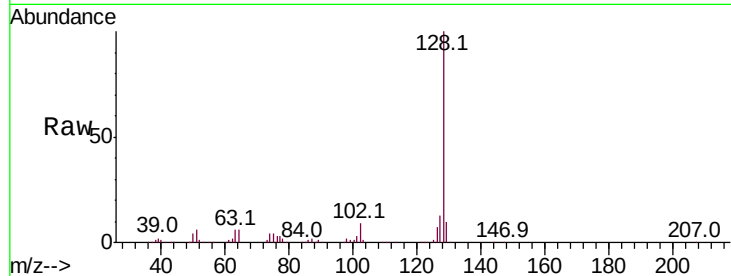




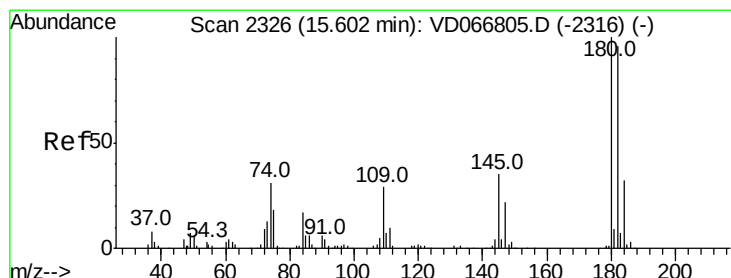
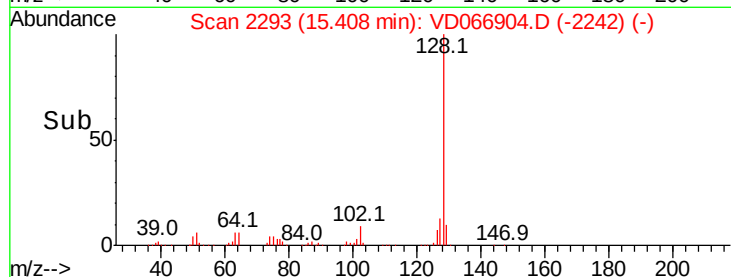
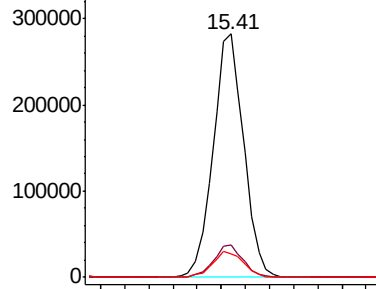
#95
Naphthalene
Concen: 56.551 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 497491
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.9 13.3

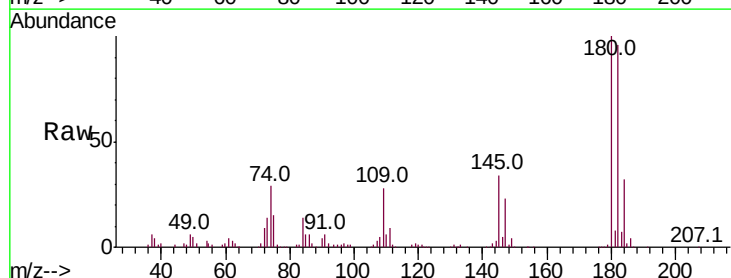


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.425 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion:180 Resp: 243408
Ion Ratio Lower Upper
180 100
182 94.5 46.8 140.3
145 33.7 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

