

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051520\
 Data File : VD065746.D
 Acq On : 15 May 2020 11:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 15 19:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	342528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	517963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	456494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	226114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	137131	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.91	113	146868	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.34	98	552159	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.64	95	185426	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113707	50.597	ug/l	100
3) Chloromethane	2.21	50	158370	49.171	ug/l	98
4) Vinyl Chloride	2.35	62	181731	52.109	ug/l	99
5) Bromomethane	2.77	94	113871	49.418	ug/l	94
6) Chloroethane	2.92	64	117676	52.021	ug/l	99
7) Trichlorofluoromethane	3.27	101	244026	50.614	ug/l	95
8) Diethyl Ether	3.70	74	69113	49.889	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	147076	49.629	ug/l	98
10) Methyl Iodide	4.30	142	148786	48.060	ug/l	99
11) Tert butyl alcohol	5.23	59	47402	204.526	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	139957	49.792	ug/l	96
13) Acrolein	3.92	56	41828	276.430	ug/l	100
14) Allyl chloride	4.71	41	233253	47.995	ug/l	97
15) Acrylonitrile	5.41	53	147427	240.894	ug/l	98
16) Acetone	4.16	43	171971	303.738	ug/l	99
17) Carbon Disulfide	4.40	76	427178	48.118	ug/l	99
18) Methyl Acetate	4.71	43	63248	47.668	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	323177	49.282	ug/l	98
20) Methylene Chloride	4.96	84	151767	47.513	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	161506	49.905	ug/l	96
22) Diisopropyl ether	6.36	45	462145	49.948	ug/l	99
23) Vinyl Acetate	6.30	43	1351635	248.366	ug/l	100
24) 1,1-Dichloroethane	6.26	63	270626	49.955	ug/l	98
25) 2-Butanone	7.21	43	208973	258.201	ug/l	95
26) 2,2-Dichloropropane	7.20	77	252487	50.215	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	174608	49.234	ug/l	100
28) Bromochloromethane	7.54	49	116966	52.514	ug/l	99
29) Tetrahydrofuran	7.56	42	123571	240.813	ug/l	100
30) Chloroform	7.71	83	277632	50.709	ug/l	97
31) Cyclohexane	7.98	56	257347	46.929	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	259846	50.665	ug/l	100
36) 1,1-Dichloropropene	8.11	75	217921	48.447	ug/l	99
37) Ethyl Acetate	7.29	43	89176	46.275	ug/l	98
38) Carbon Tetrachloride	8.10	117	238048	49.895	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	278108	48.244	ug/l	100
40) Benzene	8.35	78	606222	49.011	ug/l	99
41) Methacrylonitrile	7.51	41	46758	44.057	ug/l	90
42) 1,2-Dichloroethane	8.42	62	170226	49.427	ug/l	100
43) Isopropyl Acetate	8.45	43	180772	47.328	ug/l	100
44) Trichloroethene	9.11	130	178995	48.337	ug/l	97
45) 1,2-Dichloropropane	9.38	63	148752	48.776	ug/l	98
46) Dibromomethane	9.47	93	80659	49.049	ug/l	98
47) Bromodichloromethane	9.66	83	212049	49.264	ug/l	94
48) Methyl methacrylate	9.46	41	87618	48.870	ug/l	98
49) 1,4-Dioxane	9.46	88	18136	934.702	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	440275	240.873	ug/l	99
52) Toluene	10.40	92	402378	49.656	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	207125	49.256	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	249758	49.934	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	108797	48.565	ug/l	96
56) Ethyl methacrylate	10.66	69	141745	48.546	ug/l	97
57) 1,3-Dichloropropane	10.95	76	187484	48.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	352789	259.711	ug/l	99
59) 2-Hexanone	10.98	43	318226	255.664	ug/l	98
60) Dibromochloromethane	11.14	129	149721	49.908	ug/l	100
61) 1,2-Dibromoethane	11.25	107	108644	48.558	ug/l	99
64) Tetrachloroethene	10.88	164	154105	48.821	ug/l	98
65) Chlorobenzene	11.67	112	425853	49.505	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	160139	49.723	ug/l	100
67) Ethyl Benzene	11.75	91	764258	49.827	ug/l	98
68) m/p-Xylenes	11.86	106	585303	99.912	ug/l	99
69) o-Xylene	12.18	106	275963	50.603	ug/l	99
70) Styrene	12.20	104	465651	50.033	ug/l	100
71) Bromoform	12.36	173	90055	50.664	ug/l #	98
73) Isopropylbenzene	12.48	105	752305	49.559	ug/l	99
74) N-amyl acetate	12.29	43	168128	47.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	117217	48.788	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	68644m	40.678	ug/l	
77) Bromobenzene	12.77	156	177861	48.610	ug/l	99
78) n-propylbenzene	12.83	91	879008	49.571	ug/l	100
79) 2-Chlorotoluene	12.91	91	483015	49.230	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	617641	49.381	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	40128	46.652	ug/l	95
82) 4-Chlorotoluene	13.01	91	513110	49.605	ug/l	100
83) tert-Butylbenzene	13.23	119	542248	48.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	609501	49.412	ug/l	99
85) sec-Butylbenzene	13.41	105	746463	49.462	ug/l	100
86) p-Isopropyltoluene	13.52	119	681565	49.133	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	337917	49.240	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	330959	48.417	ug/l	99
89) n-Butylbenzene	13.85	91	643232	49.589	ug/l	99
90) Hexachloroethane	14.12	117	135605	49.968	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	293309	49.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19280	47.987	ug/l	97

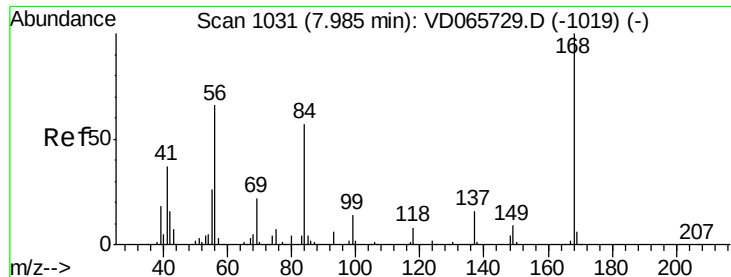
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051520\
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Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	224347	49.682	ug/l	99
94) Hexachlorobutadiene	15.28	225	131674	48.637	ug/l	100
95) Naphthalene	15.41	128	362844	48.311	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	185048	48.064	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

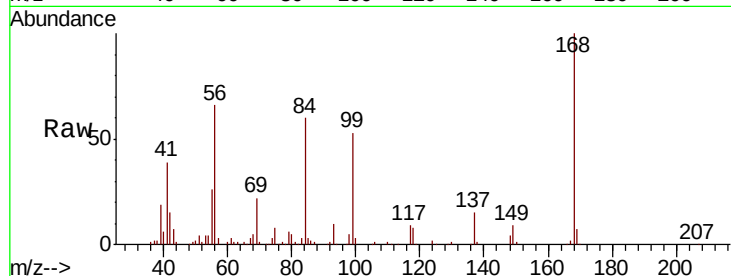
VSTDCCC050

Tot Ion:168 Resp: 342528

Ion Ratio Lower Upper

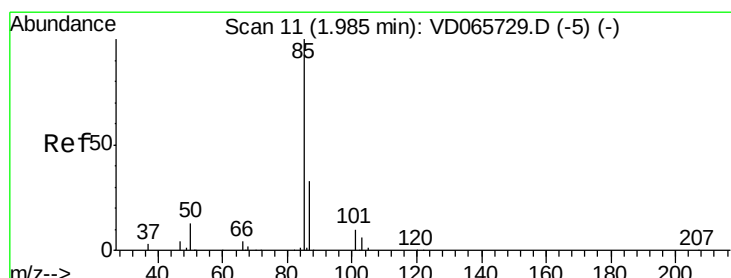
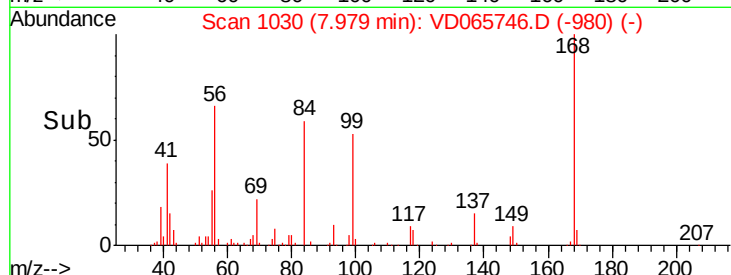
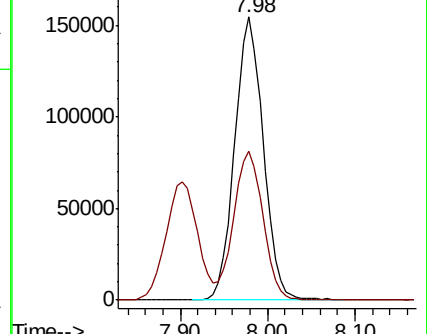
168 100

99 52.6 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 50.597 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065746.D

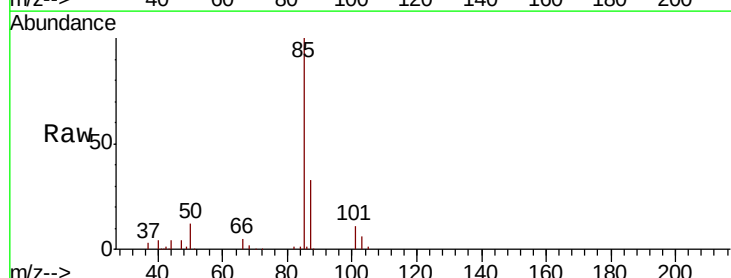
Acq: 15 May 2020 11:36

Tgt Ion: 85 Resp: 113707

Ion Ratio Lower Upper

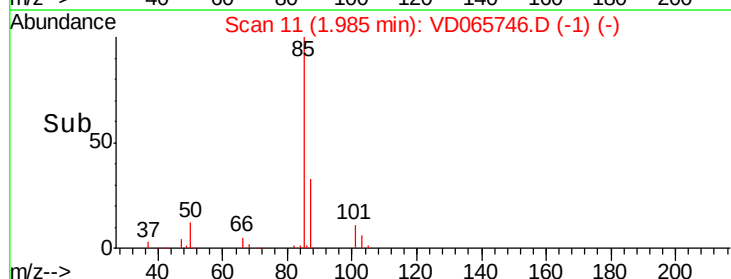
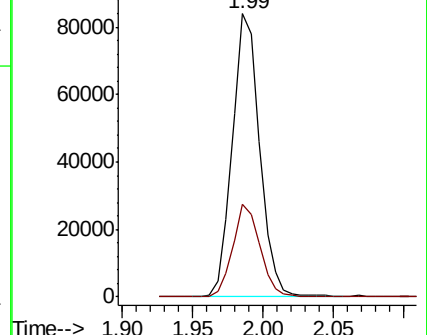
85 100

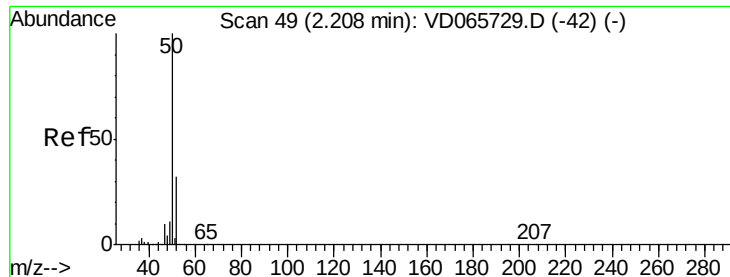
87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 49.171 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

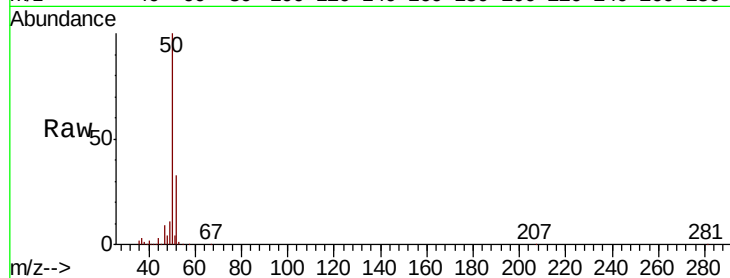
VSTDCCC050

Tot Ion: 50 Resp: 158370

Ion Ratio Lower Upper

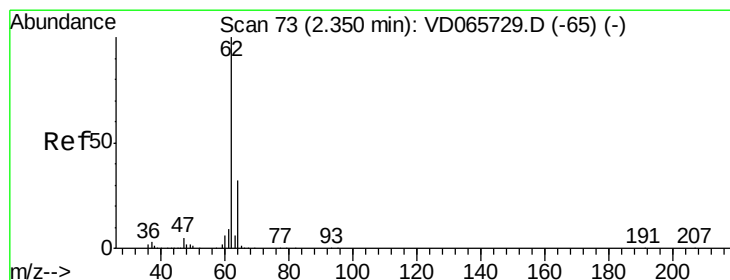
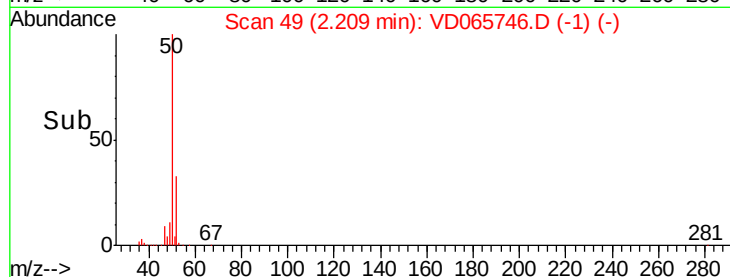
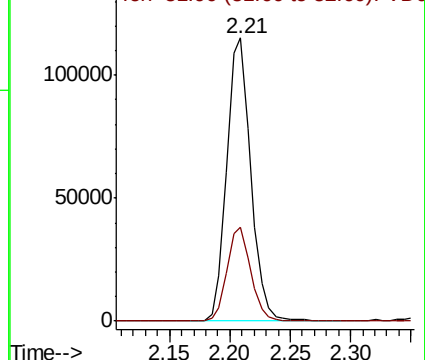
50 100

52 33.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 52.109 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065746.D

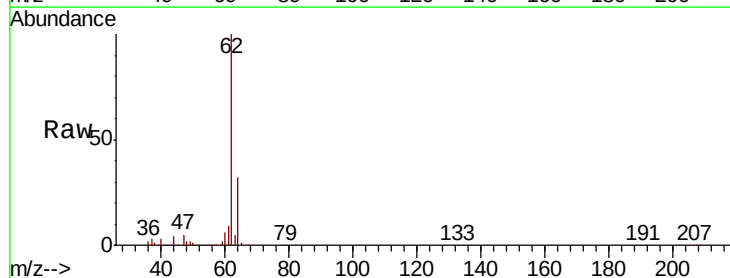
Acq: 15 May 2020 11:36

Tgt Ion: 62 Resp: 181731

Ion Ratio Lower Upper

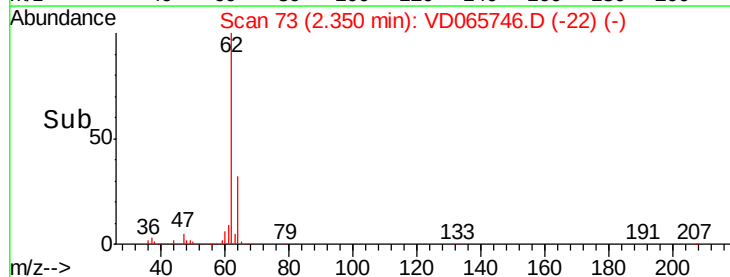
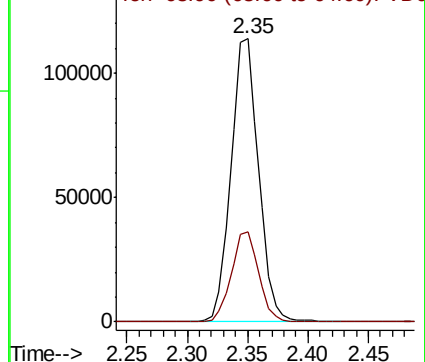
62 100

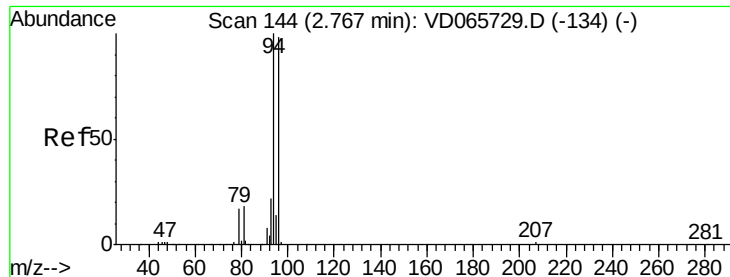
64 31.8 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.418 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

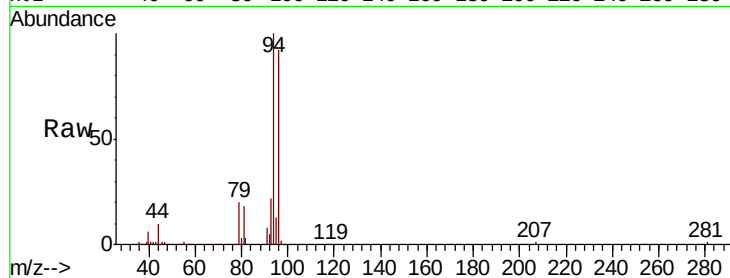
VSTDCCC050

Tot Ion: 94 Resp: 113871

Ion Ratio Lower Upper

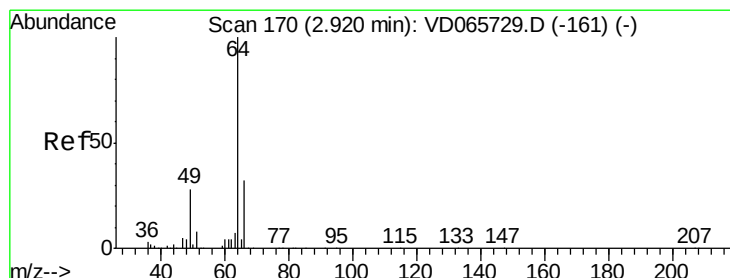
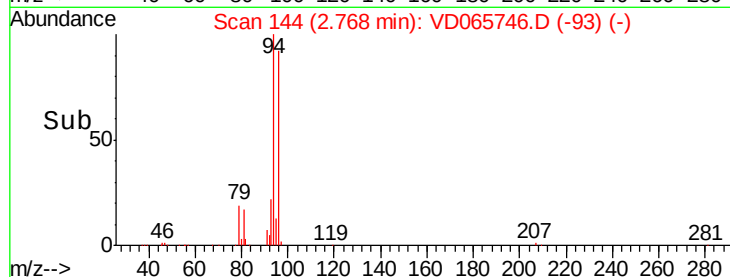
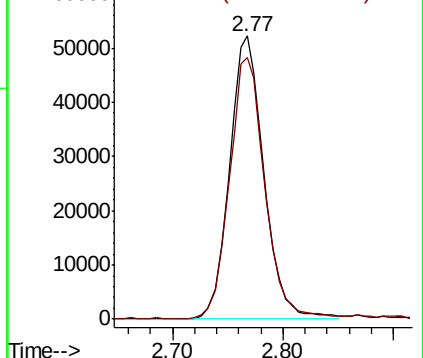
94 100

96 92.1 78.1 117.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.021 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065746.D

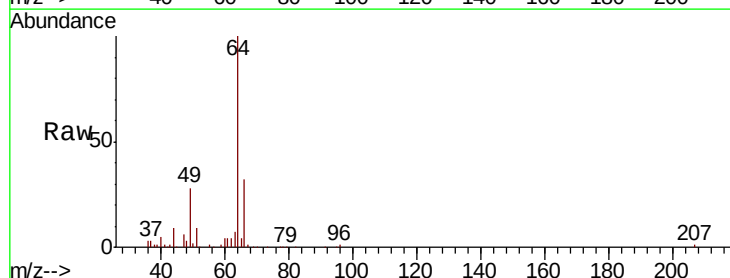
Acq: 15 May 2020 11:36

Tgt Ion: 64 Resp: 117676

Ion Ratio Lower Upper

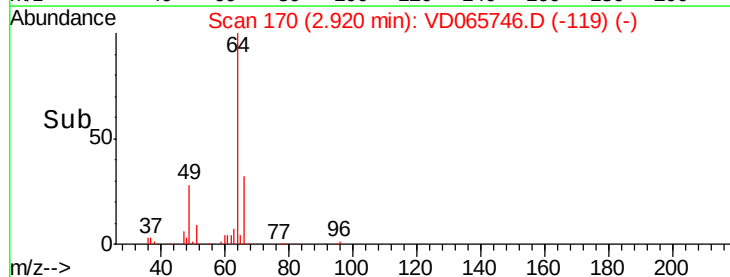
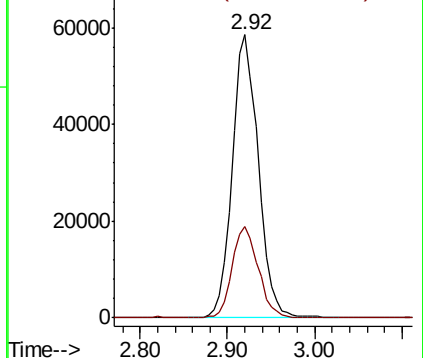
64 100

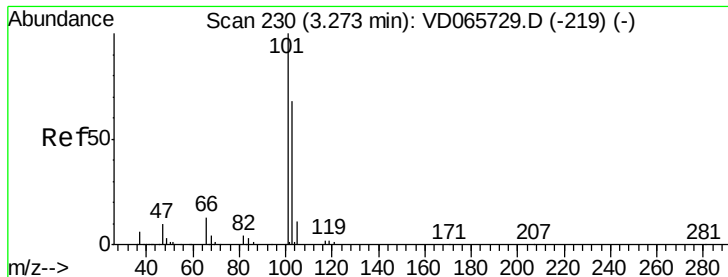
66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



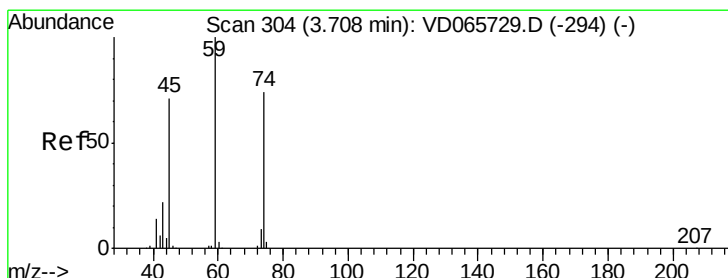
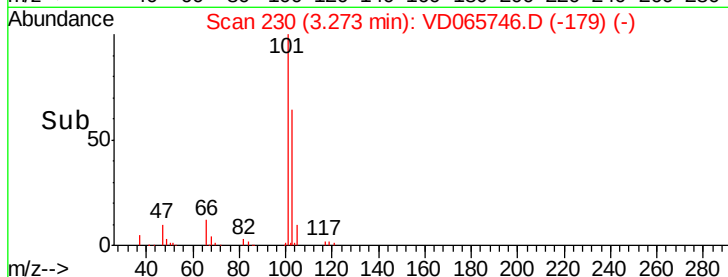
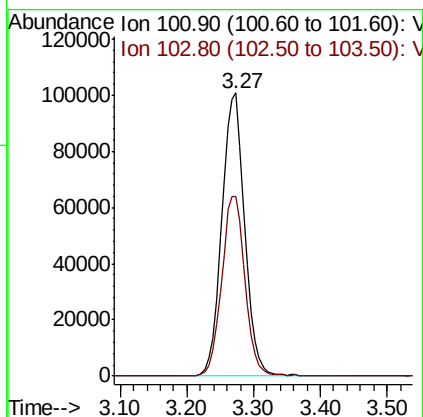
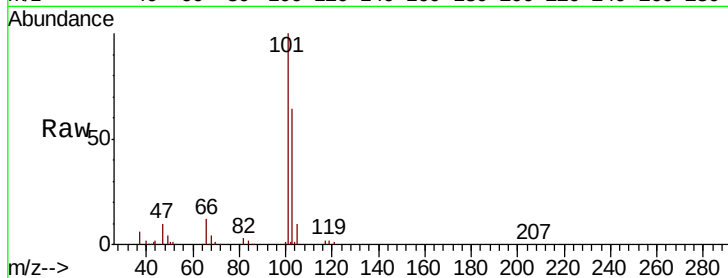


#7

Trichlorofluoromethane
 Concen: 50.614 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

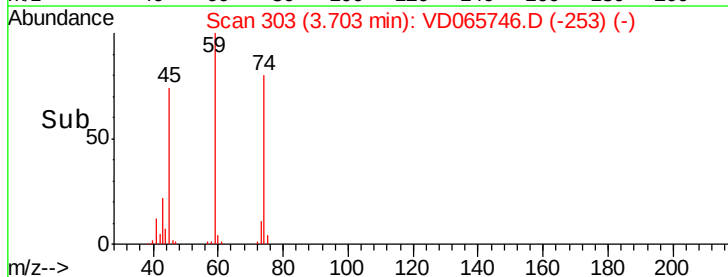
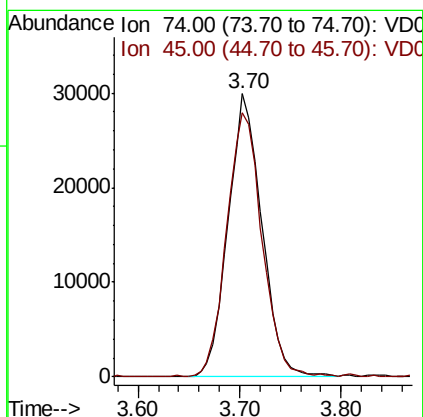
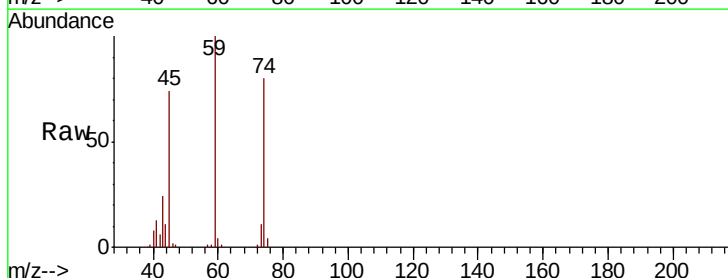
Tot Ion:101 Resp: 244026
 Ion Ratio Lower Upper
 101 100
 103 63.6 54.1 81.1

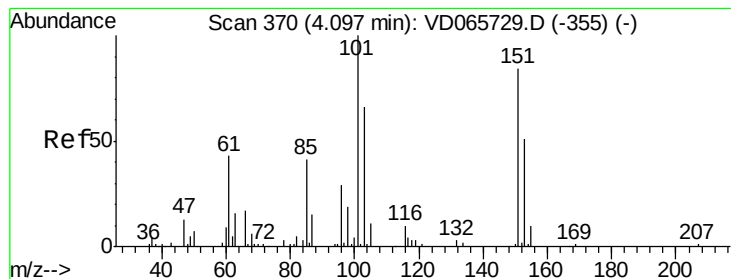


#8

Diethyl Ether
 Concen: 49.889 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion: 74 Resp: 69113
 Ion Ratio Lower Upper
 74 100
 45 97.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.629 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

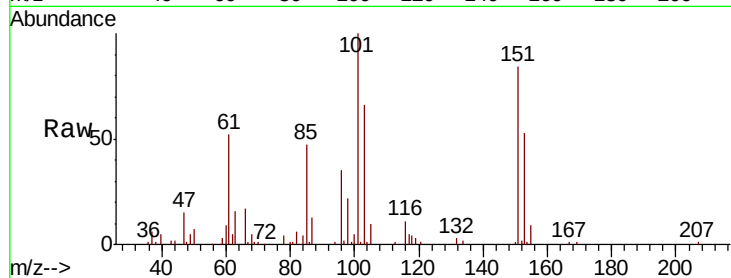
Tot Ion:101 Resp: 147076

Ion Ratio Lower Upper

101 100

85 45.6 34.1 51.1

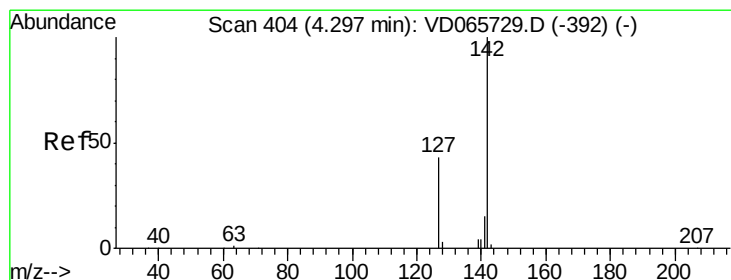
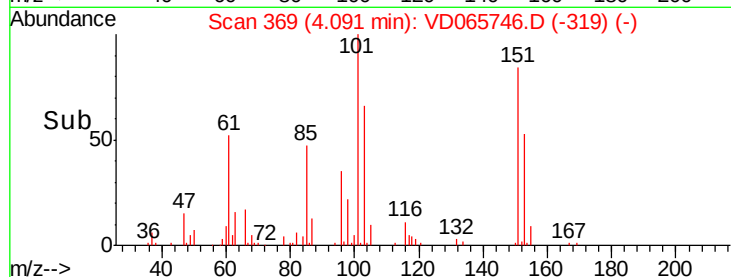
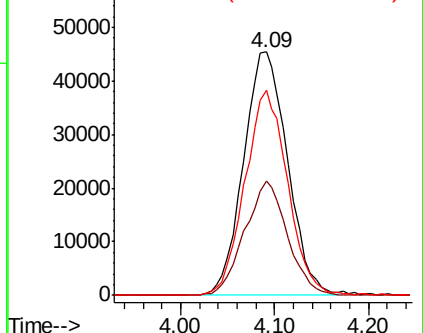
151 81.7 65.1 97.7



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: 48.060 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

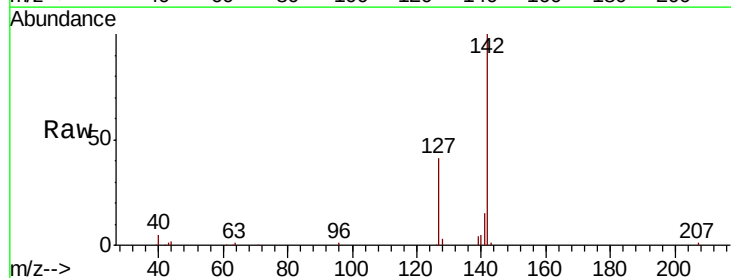
Tgt Ion:142 Resp: 148786

Ion Ratio Lower Upper

142 100

127 43.3 34.2 51.4

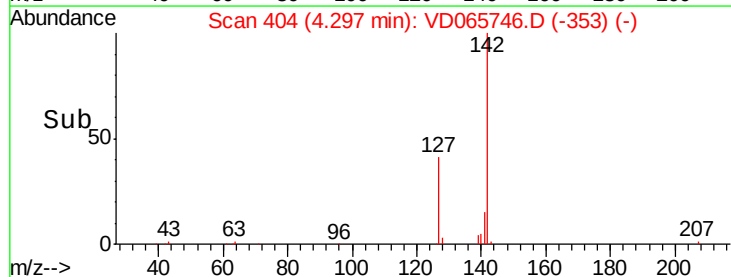
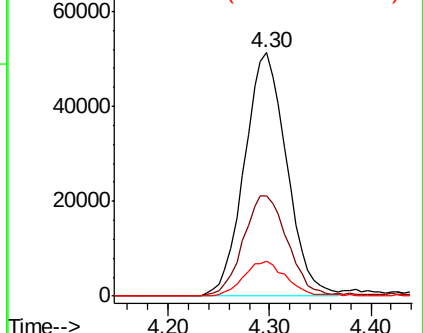
141 14.6 11.7 17.5

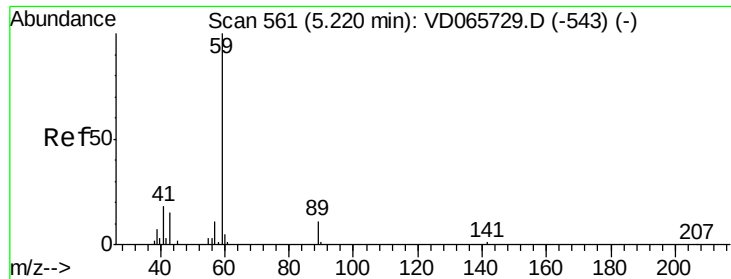


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



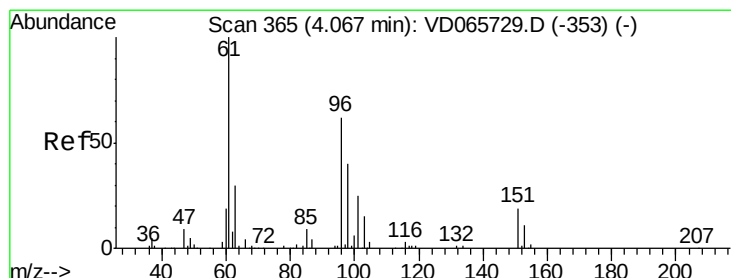
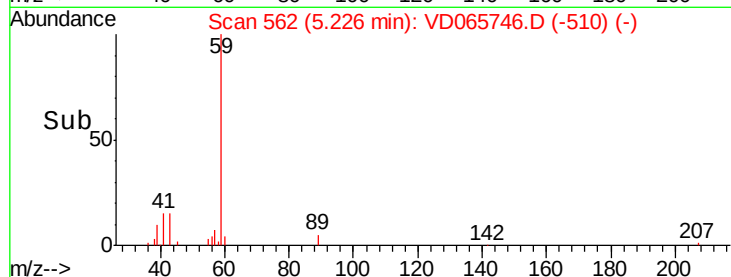
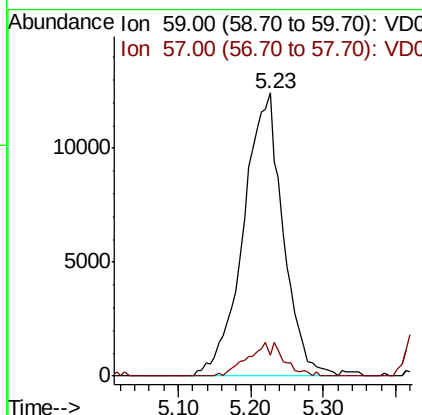
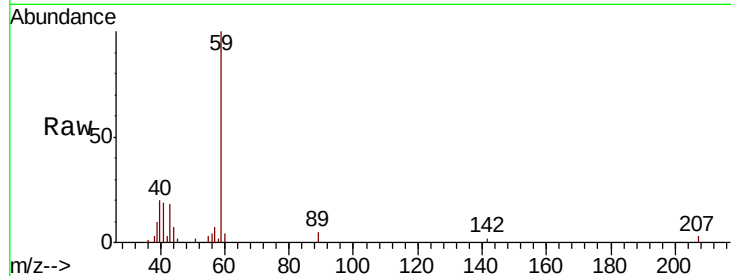


#11

Tert butyl alcohol
 Concen: 204.526 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

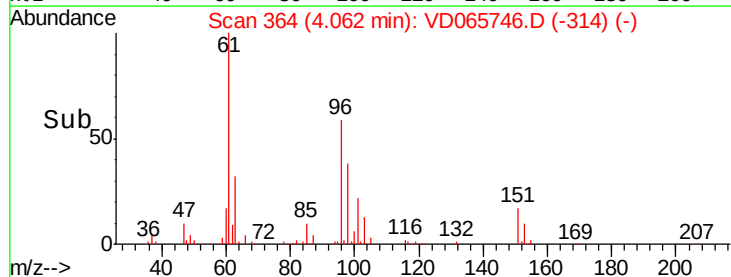
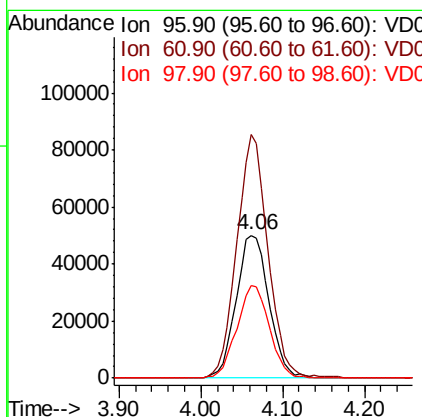
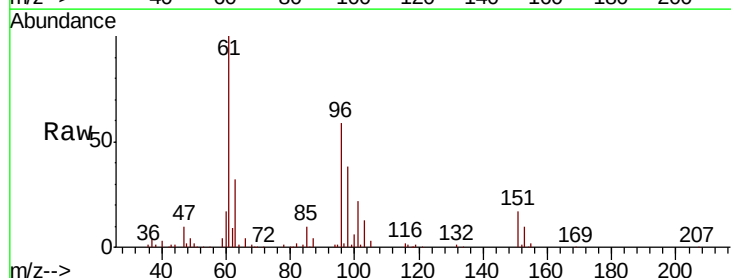
Tot Ion: 59 Resp: 47402
 Ion Ratio Lower Upper
 59 100
 57 6.6 7.4 11.0#

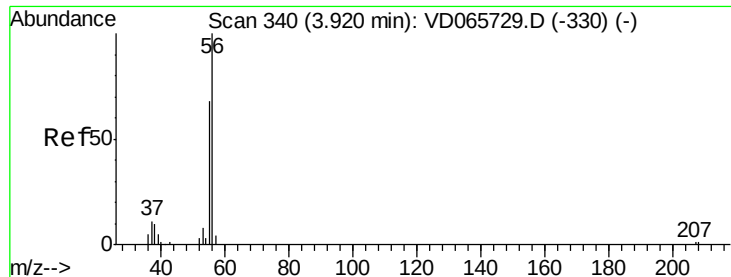


#12

1,1-Dichloroethene
 Concen: 49.792 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion: 96 Resp: 139957
 Ion Ratio Lower Upper
 96 100
 61 170.3 130.0 195.0
 98 65.2 52.3 78.5





#13

Acrolein

Concen: 276.430 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

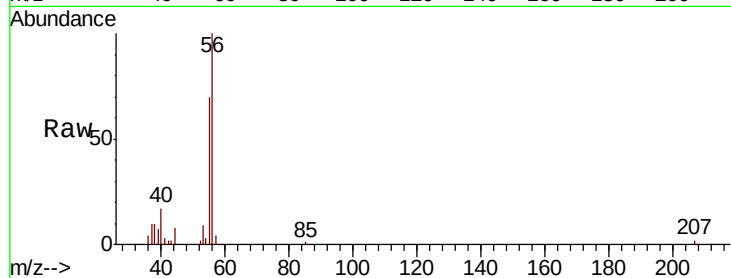
VSTDCCC050

Tot Ion: 56 Resp: 41828

Ion Ratio Lower Upper

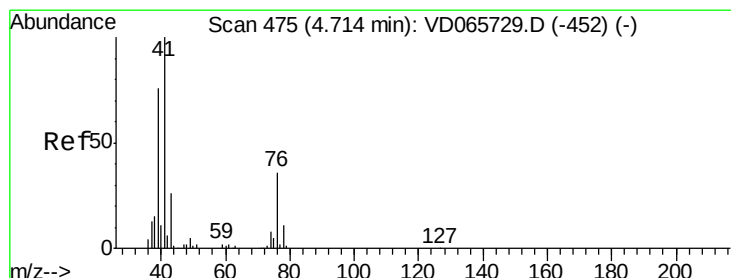
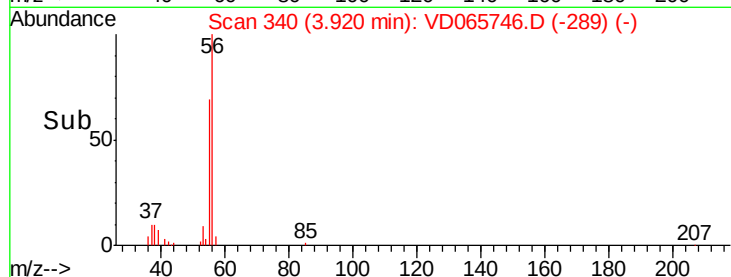
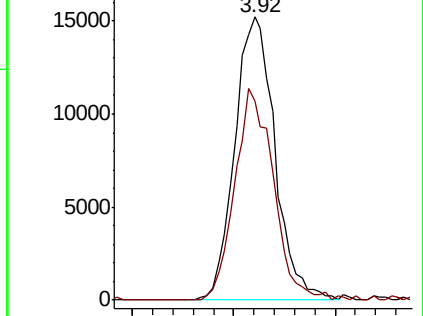
56 100

55 72.0 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 47.995 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

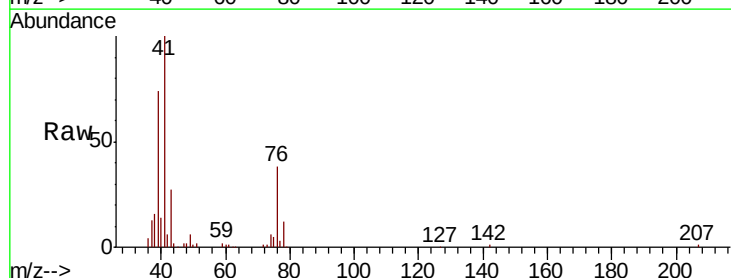
Tgt Ion: 41 Resp: 233253

Ion Ratio Lower Upper

41 100

39 73.6 57.4 86.2

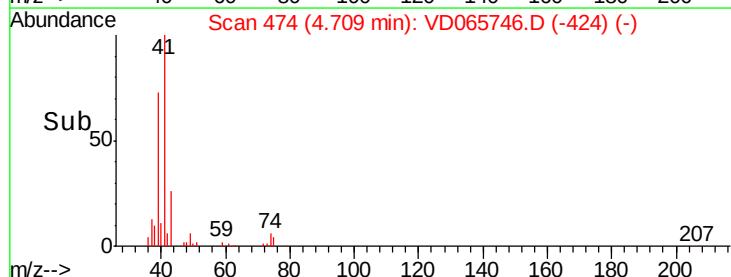
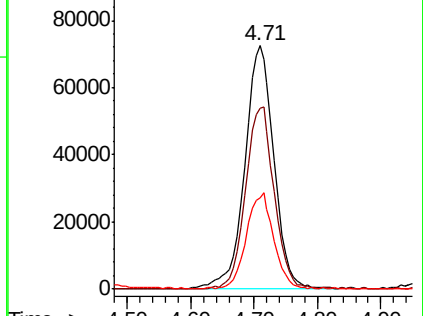
76 37.4 28.4 42.6

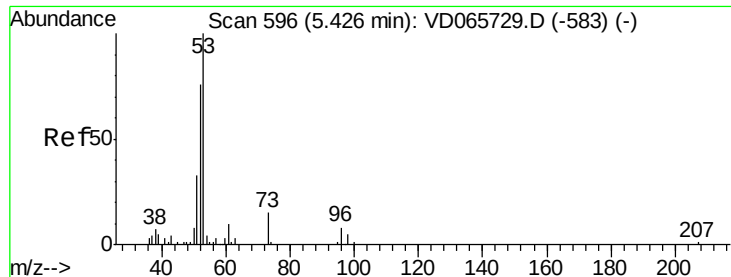


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 240.894 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

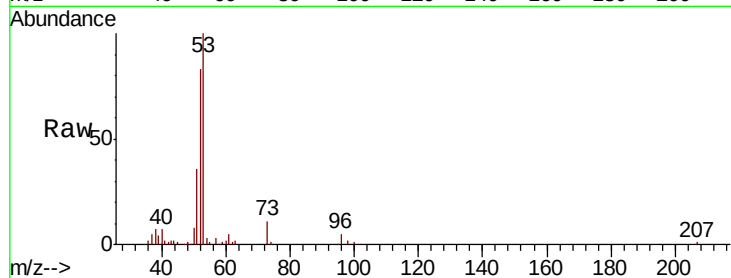
Tot Ion: 53 Resp: 147427

Ion Ratio Lower Upper

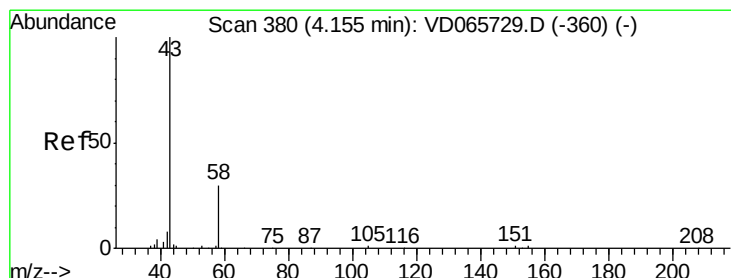
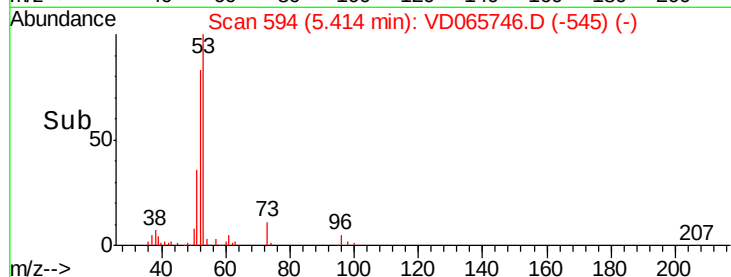
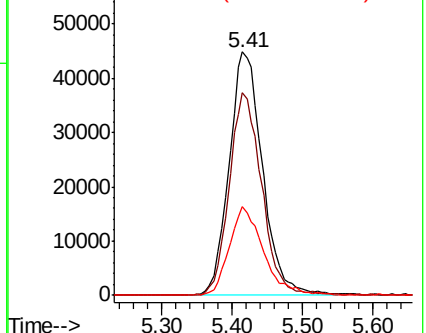
53 100

52 80.7 66.3 99.5

51 37.2 29.2 43.8



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



#16

Acetone

Concen: 303.738 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065746.D

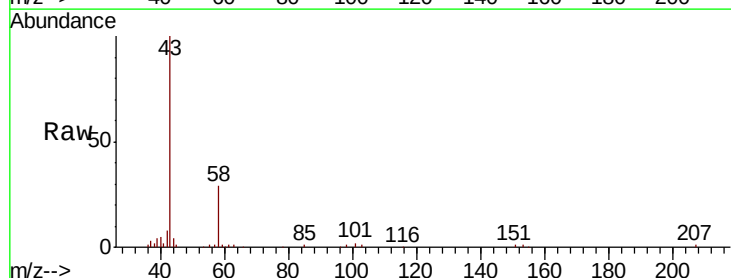
Acq: 15 May 2020 11:36

Tgt Ion: 43 Resp: 171971

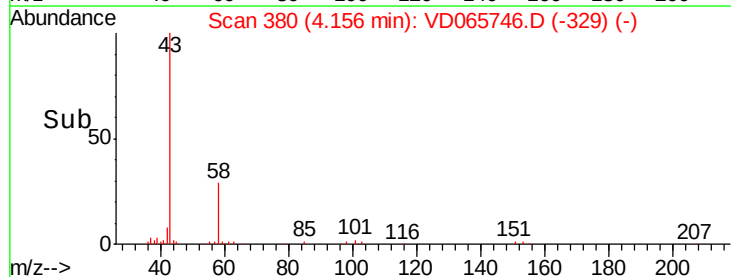
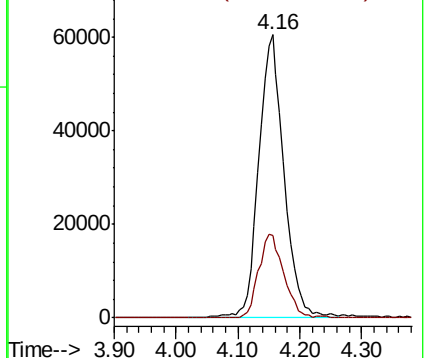
Ion Ratio Lower Upper

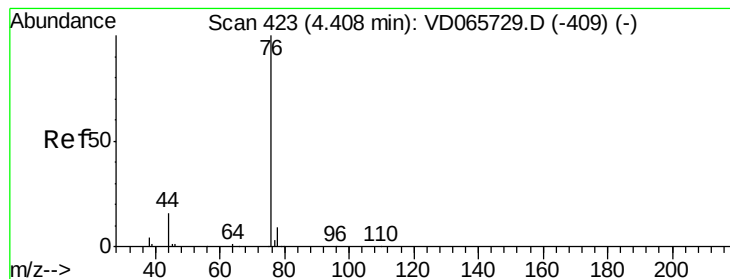
43 100

58 29.0 23.7 35.5



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





#17

Carbon Disulfide

Concen: 48.118 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

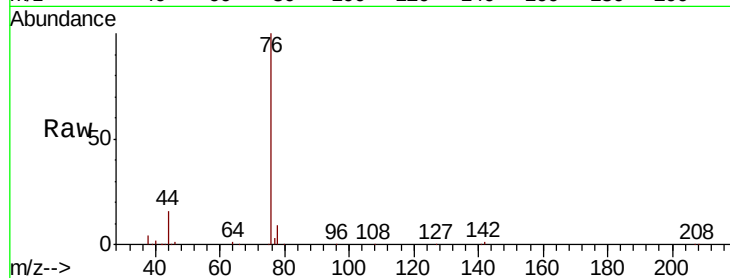
VSTDCCC050

Tot Ion: 76 Resp: 427178

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

150000

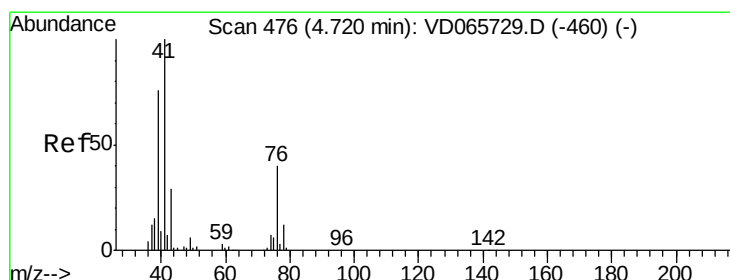
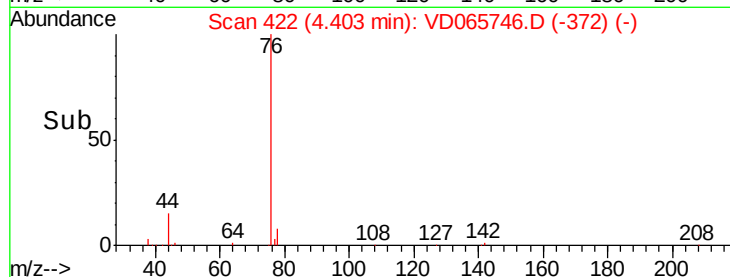
100000

50000

0

4.30 4.40 4.50

Time-->



#18

Methyl Acetate

Concen: 47.668 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065746.D

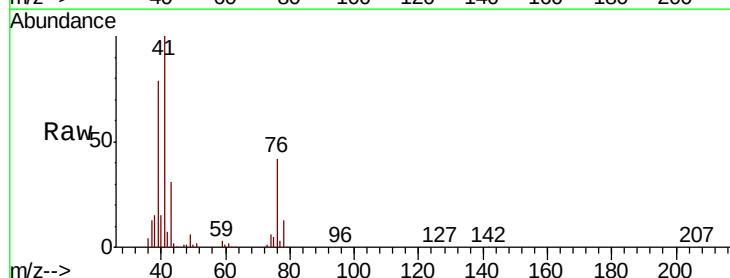
Acq: 15 May 2020 11:36

Tgt Ion: 43 Resp: 63248

Ion Ratio Lower Upper

43 100

74 23.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

25000

20000

15000

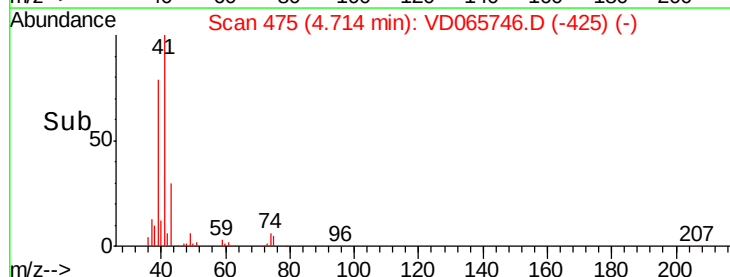
10000

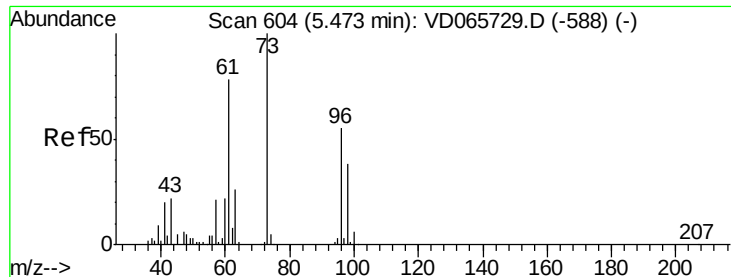
5000

0

4.60 4.70 4.80

Time-->

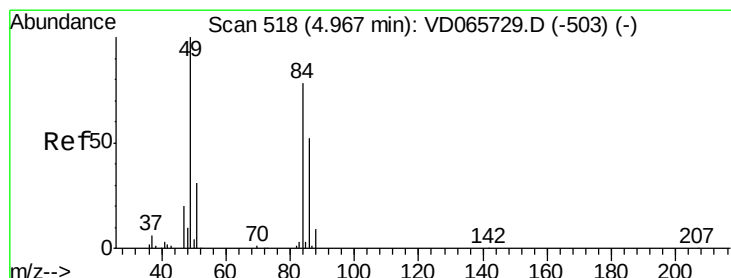
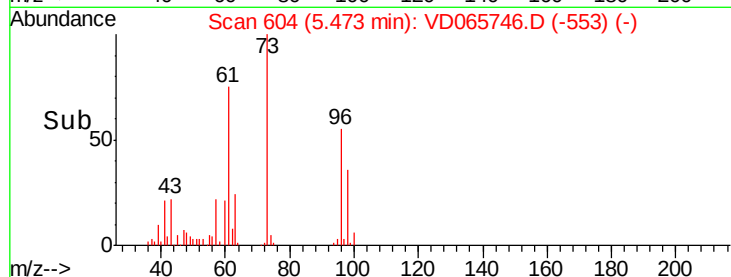
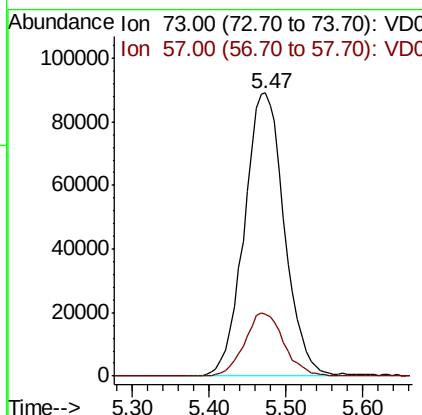
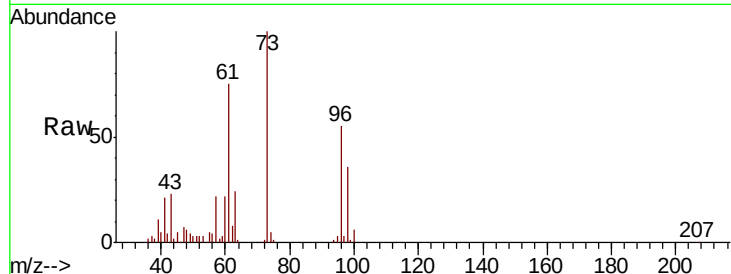




#19
Methyl tert-butyl Ether
Concen: 49.282 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

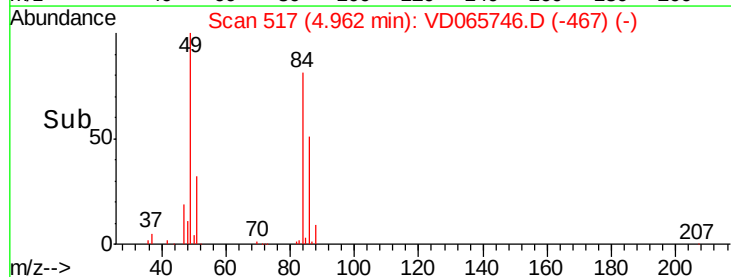
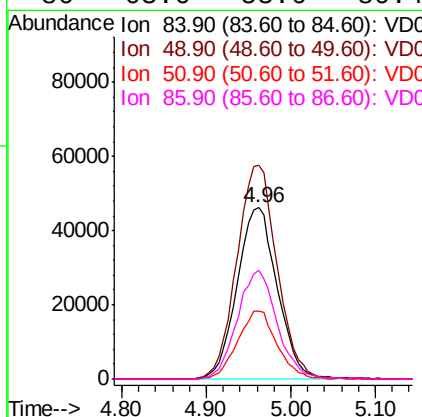
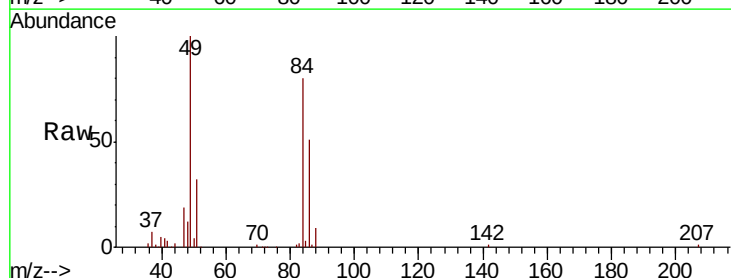
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

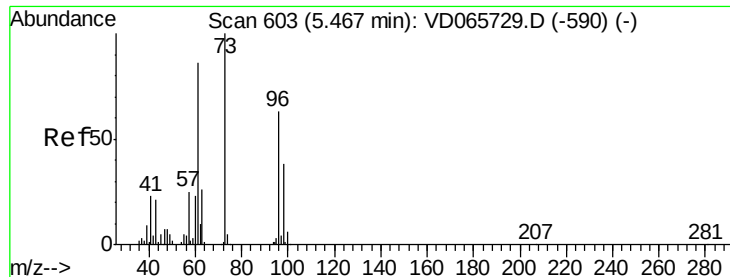
Tot Ion: 73 Resp: 323177
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.4



#20
Methylene Chloride
Concen: 47.513 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion: 84 Resp: 151767
Ion Ratio Lower Upper
84 100
49 124.9 102.9 154.3
51 39.7 31.5 47.3
86 63.6 53.6 80.4





#21

trans-1,2-Dichloroethene

Concen: 49.905 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

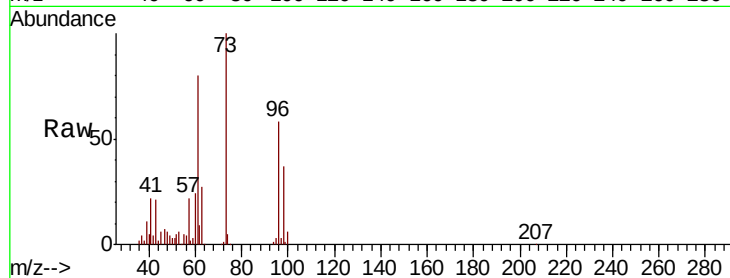
Tot Ion: 96 Resp: 161506

Ion Ratio Lower Upper

96 100

61 139.8 108.6 163.0

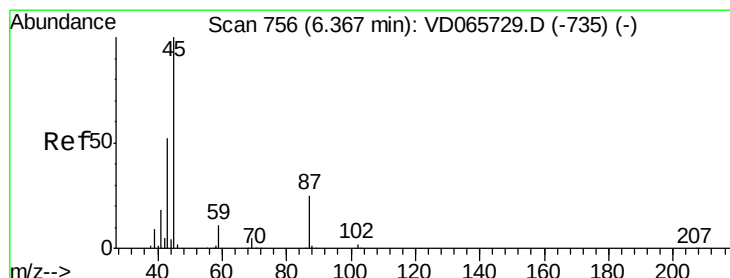
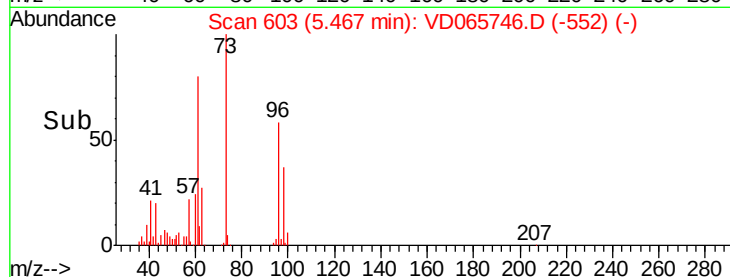
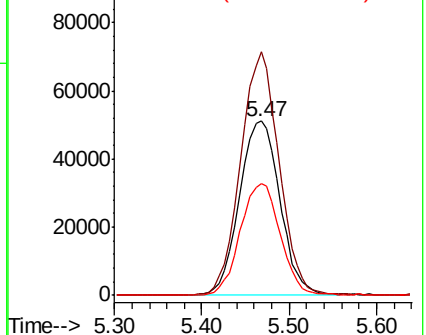
98 64.4 47.9 71.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 49.948 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Tgt Ion: 45 Resp: 462145

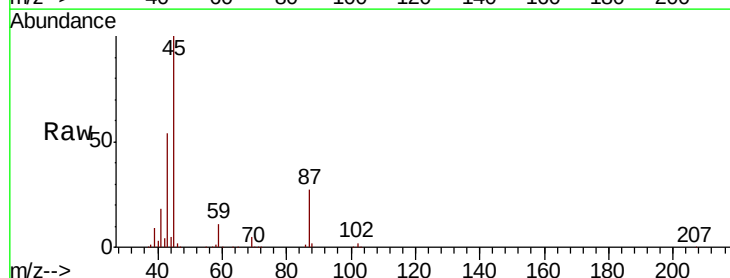
Ion Ratio Lower Upper

45 100

43 52.8 41.8 62.6

87 26.6 20.1 30.1

59 10.9 8.6 13.0

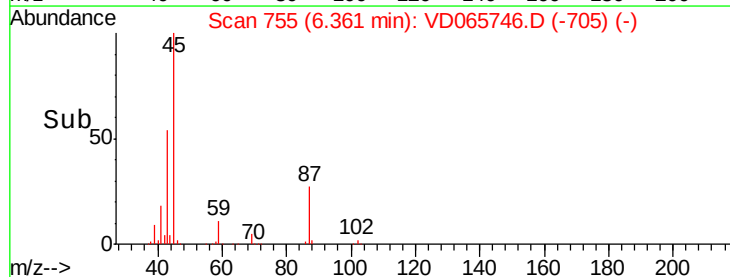
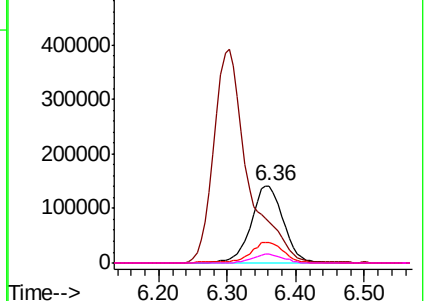


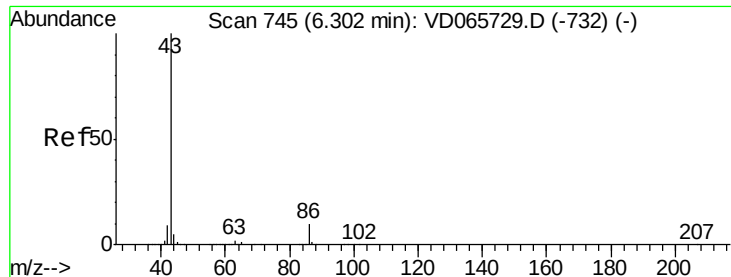
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 248.366 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

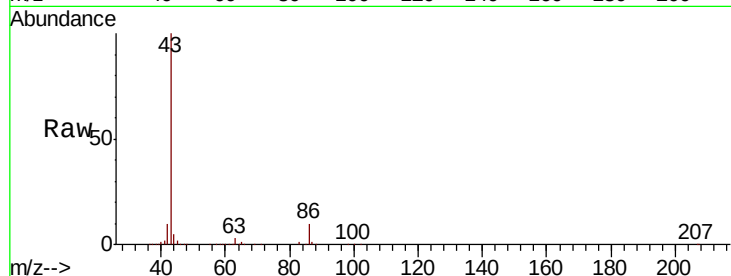
VSTDCCC050

Tot Ion: 43 Resp: 1351635

Ion Ratio Lower Upper

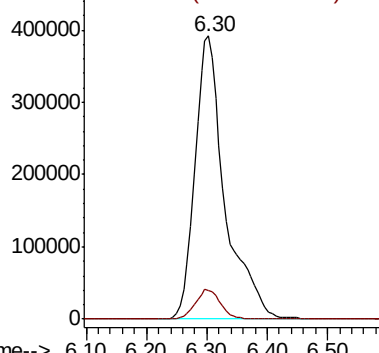
43 100

86 10.2 8.2 12.4

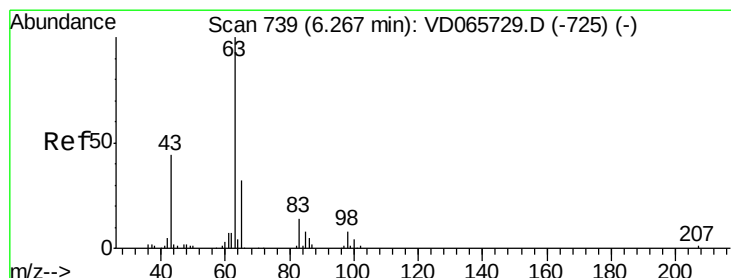
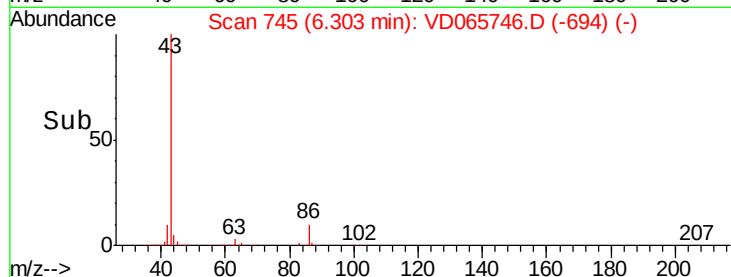


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 49.955 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

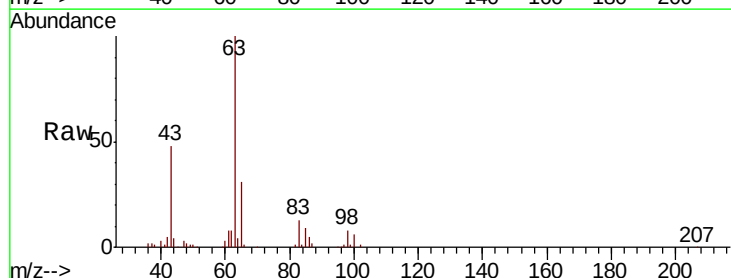
Tgt Ion: 63 Resp: 270626

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

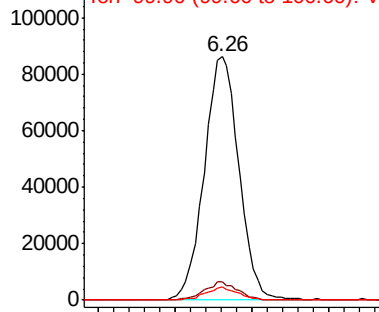
100 5.6 2.2 6.6



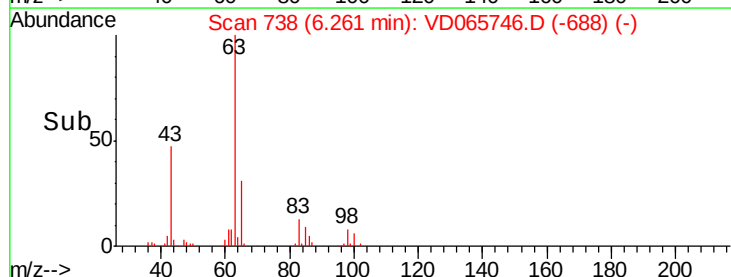
Abundance Ion 62.90 (62.60 to 63.60): VDC

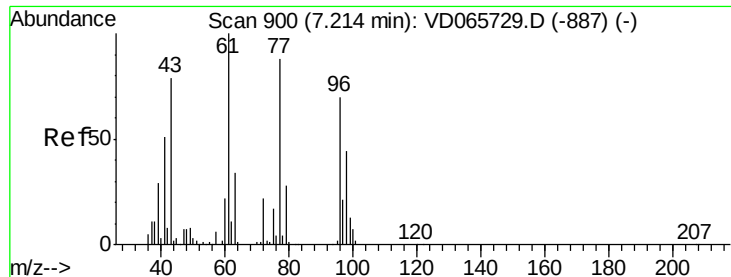
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 258.201 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

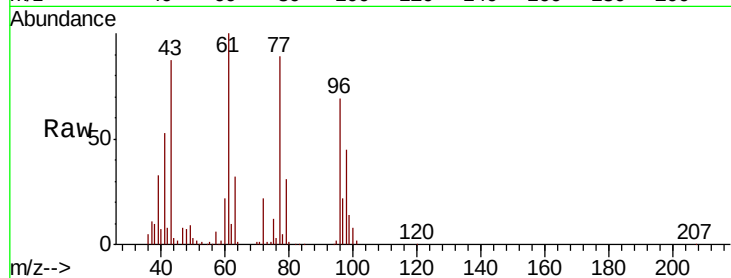
VSTDCCC050

Tot Ion: 43 Resp: 208973

Ion Ratio Lower Upper

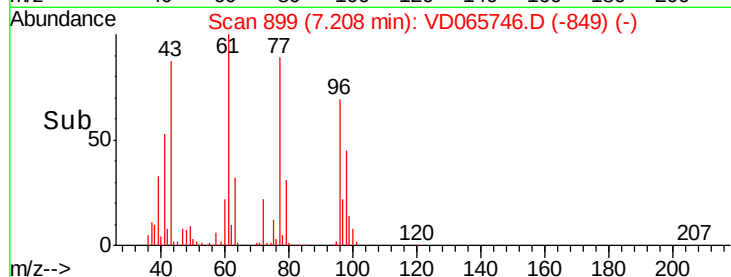
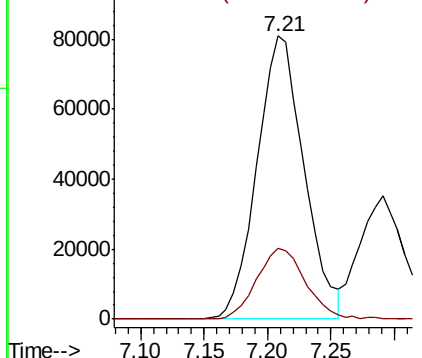
43 100

72 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.215 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065746.D

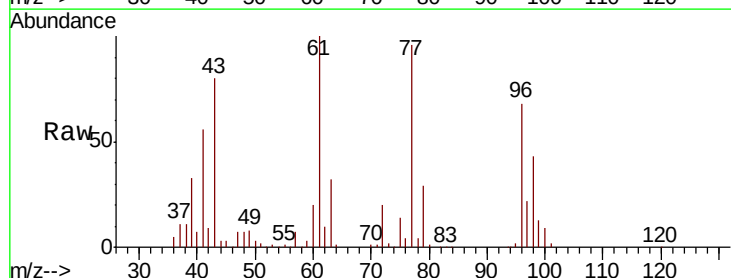
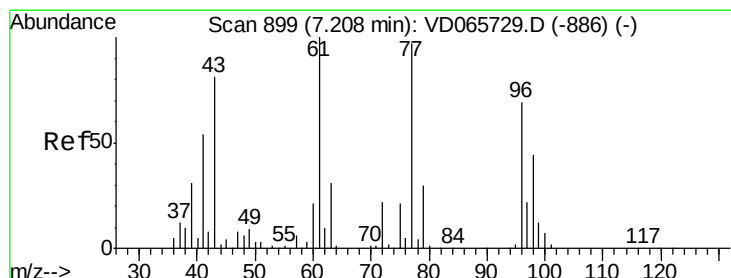
Acq: 15 May 2020 11:36

Tgt Ion: 77 Resp: 252487

Ion Ratio Lower Upper

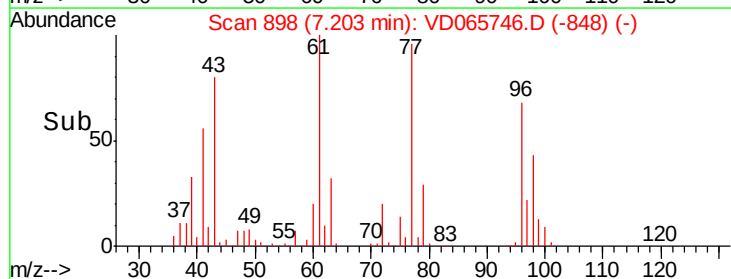
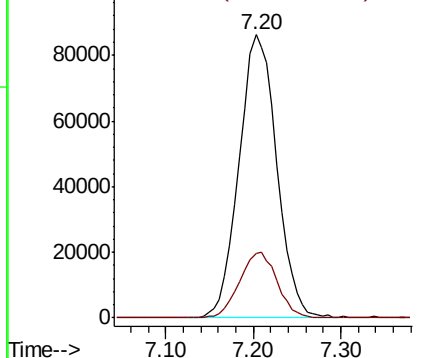
77 100

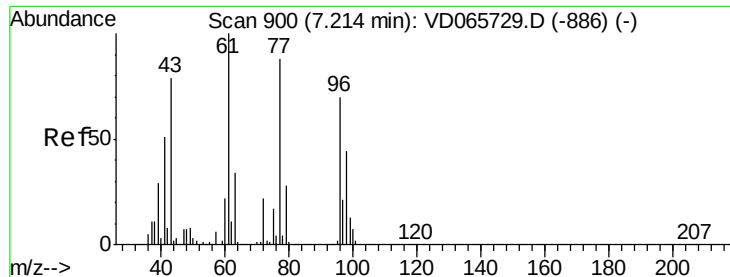
97 23.0 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

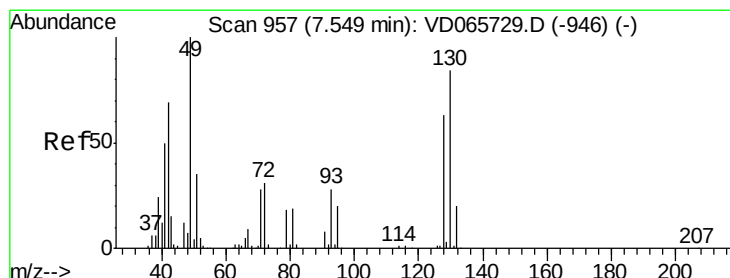
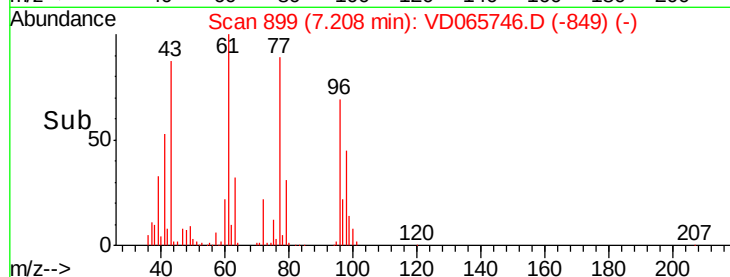
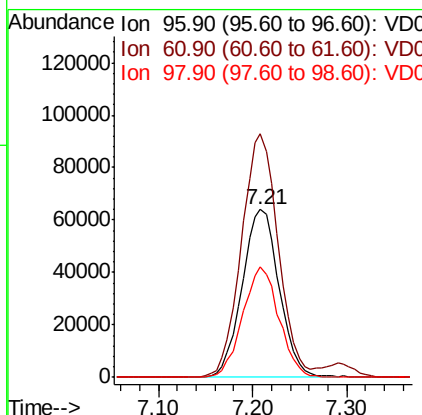
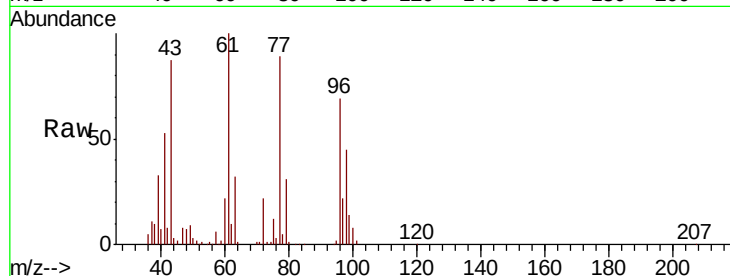




#27
 cis-1,2-Dichloroethene
 Concen: 49.234 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

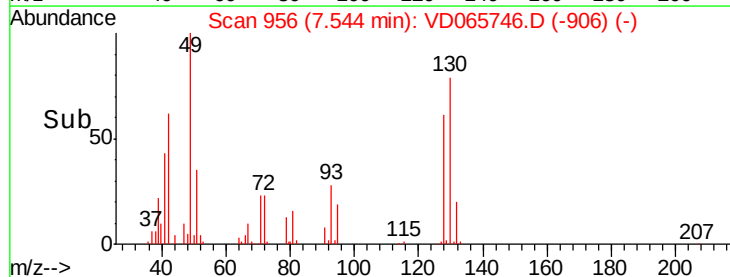
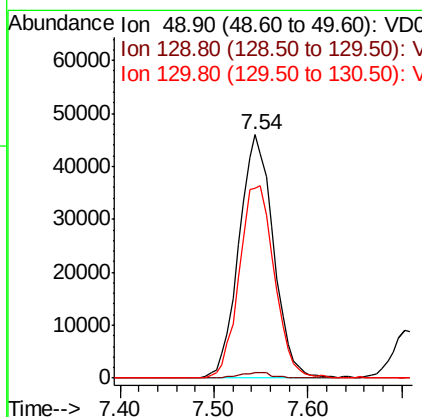
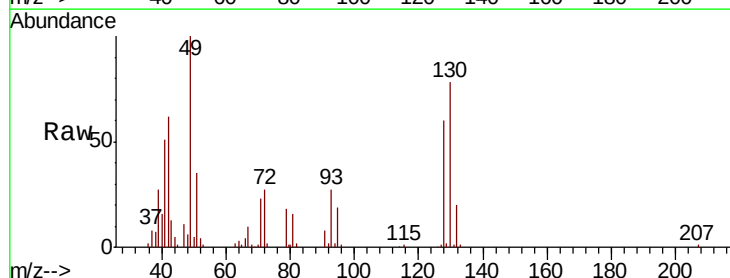
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

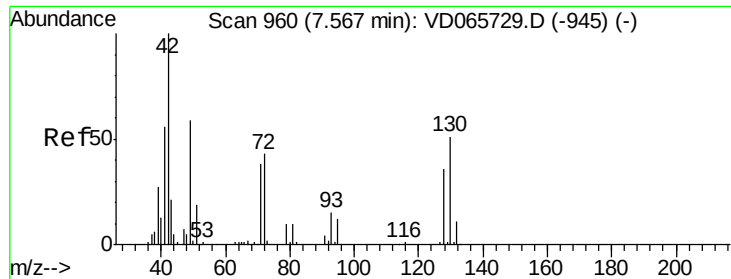
Tot Ion: 96 Resp: 174608
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 288.0
 98 64.7 0.0 127.8



#28
 Bromochloromethane
 Concen: 52.514 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion: 49 Resp: 116966
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 80.4 65.2 97.8

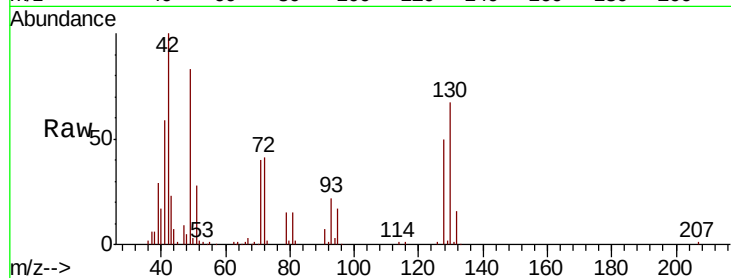




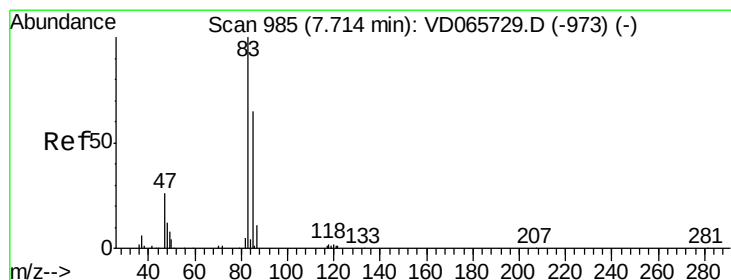
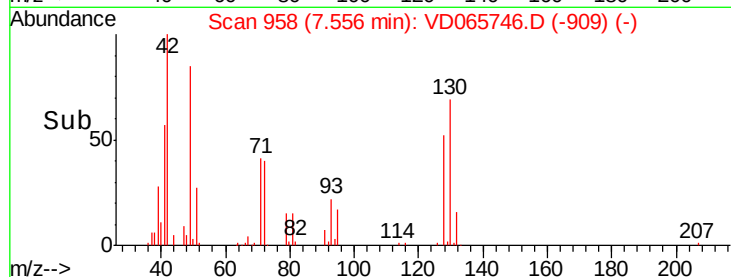
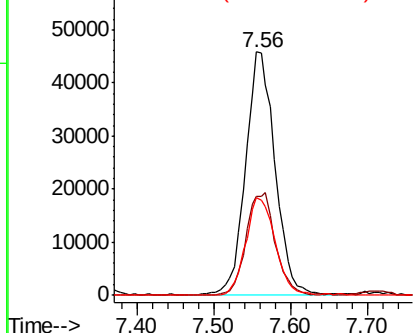
#29
Tetrahydrofuran
Concen: 240.813 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 123571
Ion Ratio Lower Upper
42 100
72 41.6 33.5 50.3
71 40.0 31.8 47.6

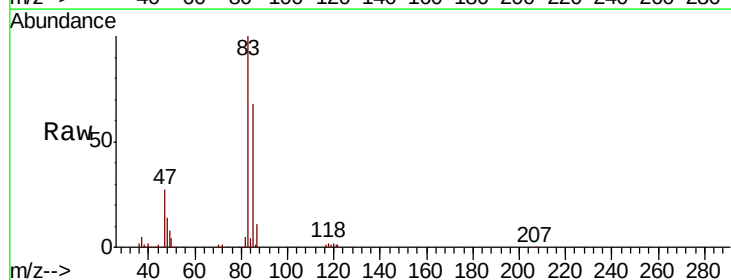


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

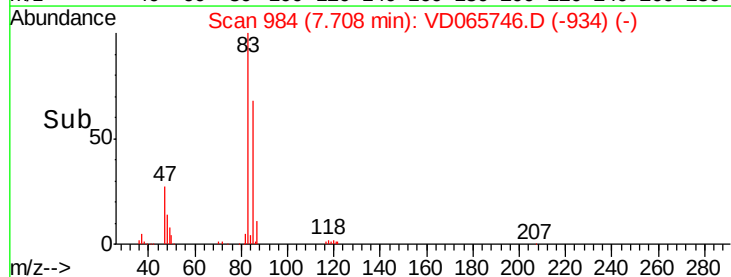
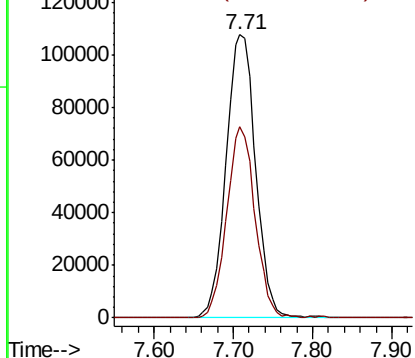


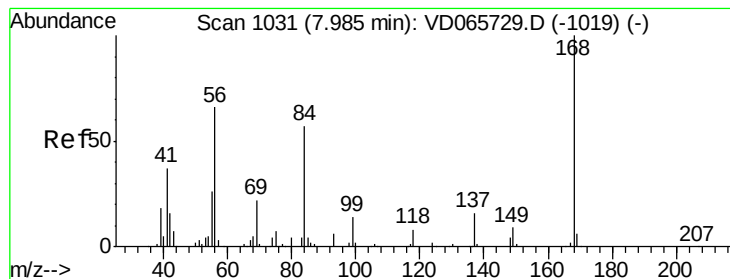
#30
Chloroform
Concen: 50.709 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion: 83 Resp: 277632
Ion Ratio Lower Upper
83 100
85 67.7 52.2 78.2



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





#31

Cyclohexane

Concen: 46.929 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

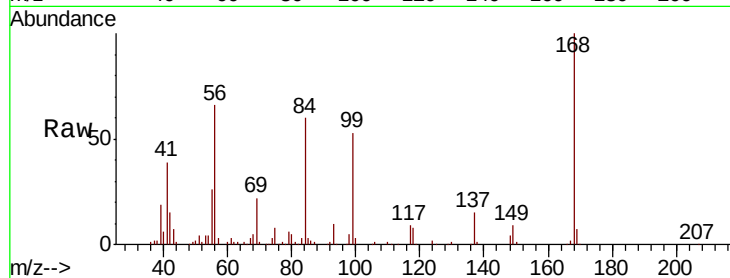
Tot Ion: 56 Resp: 257347

Ion Ratio Lower Upper

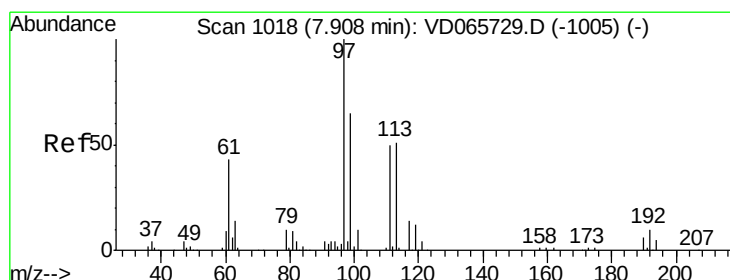
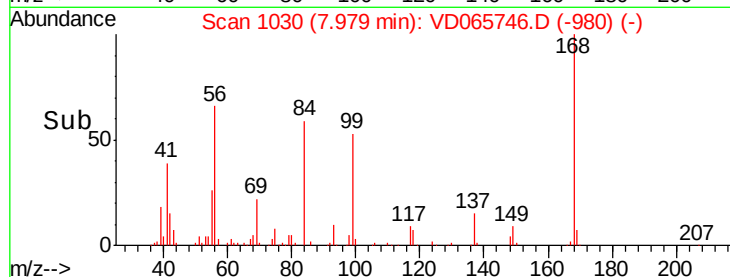
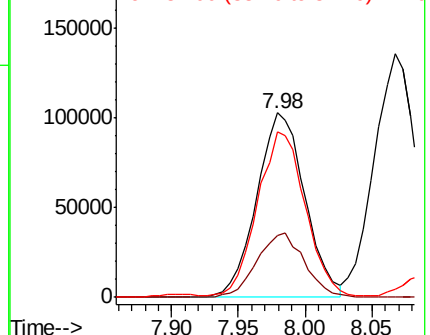
56 100

69 33.8 25.9 38.9

84 88.5 69.1 103.7



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: 50.665 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

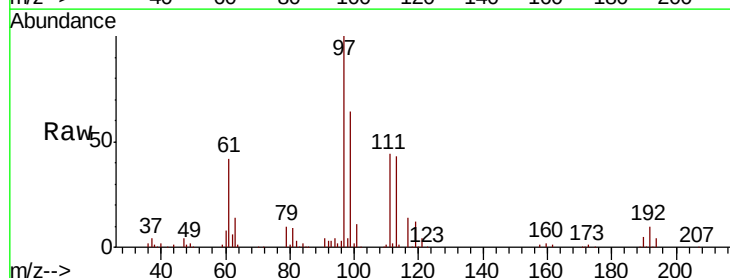
Tgt Ion: 97 Resp: 259846

Ion Ratio Lower Upper

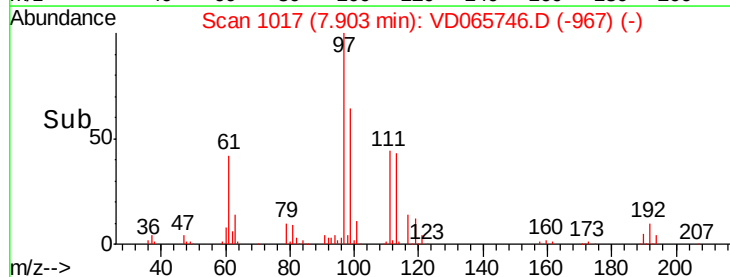
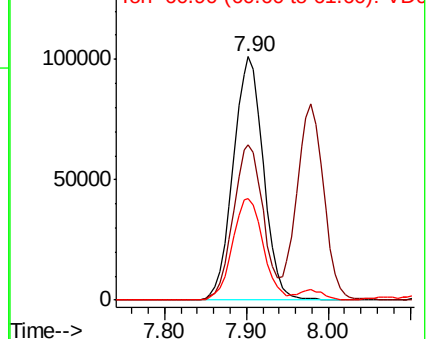
97 100

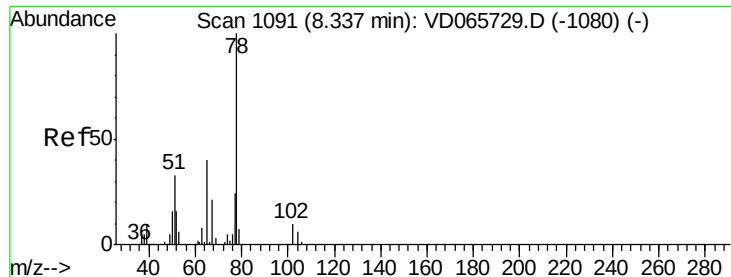
99 62.8 50.5 75.7

61 42.3 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 49.680 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

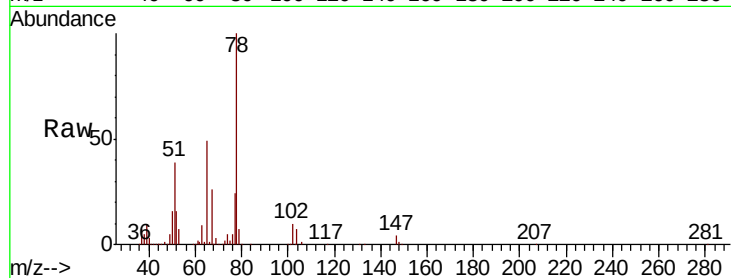
VSTDCCC050

Tot Ion: 65 Resp: 137131

Ion Ratio Lower Upper

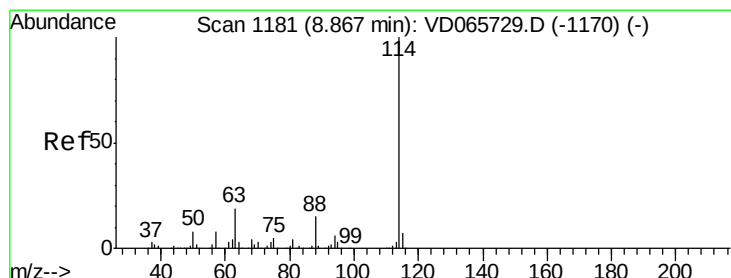
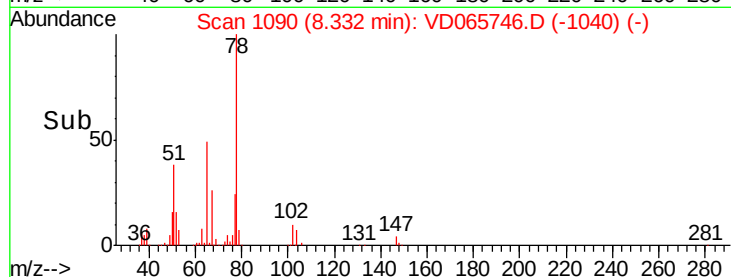
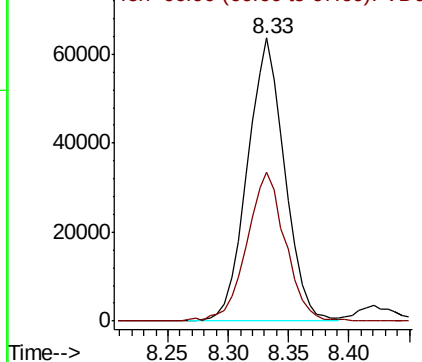
65 100

67 54.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

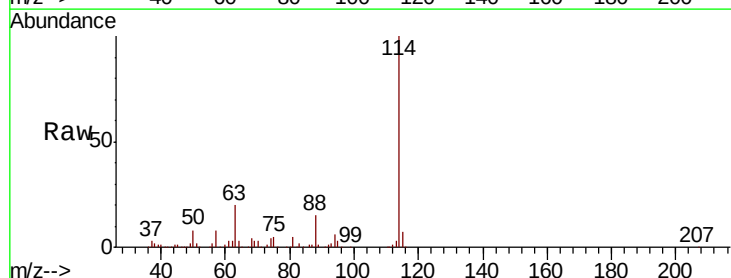
Tgt Ion: 114 Resp: 517963

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.2

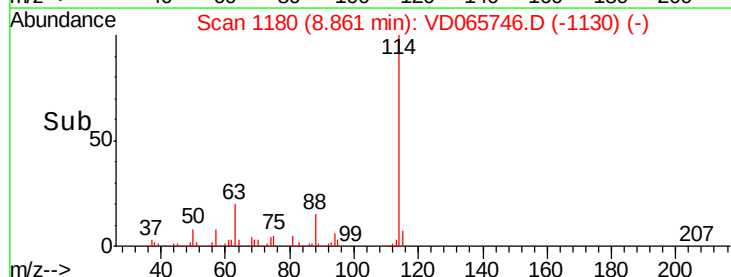
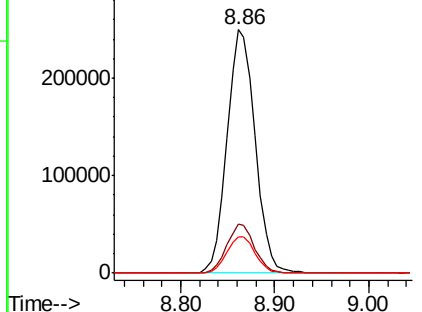
88 14.7 0.0 30.2

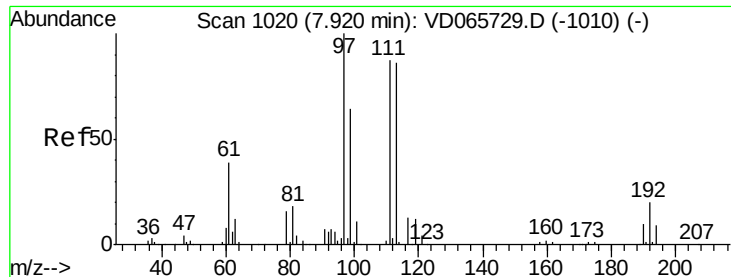


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

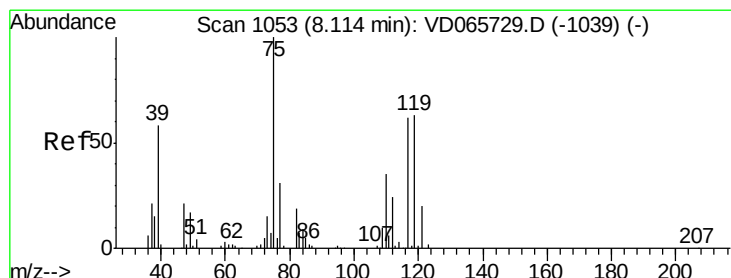
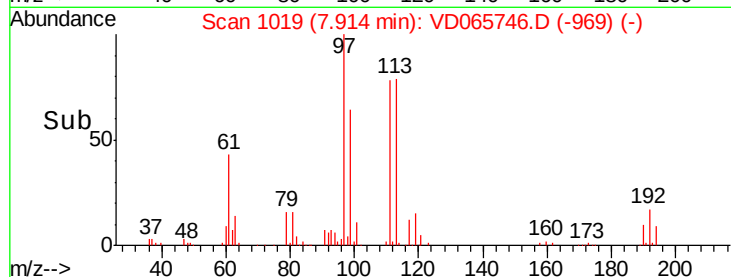
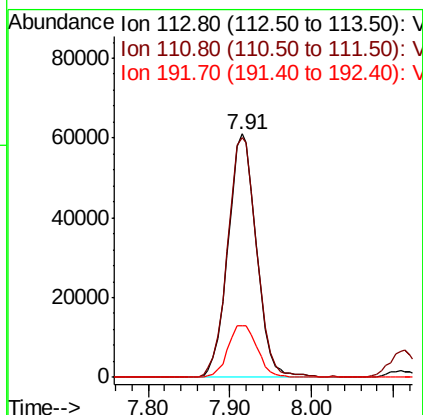
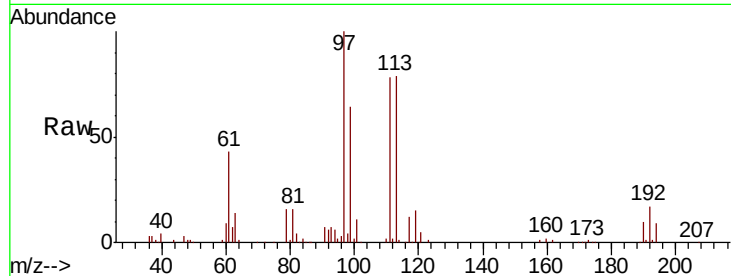




#35
 Dibromofluoromethane
 Concen: 50.050 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

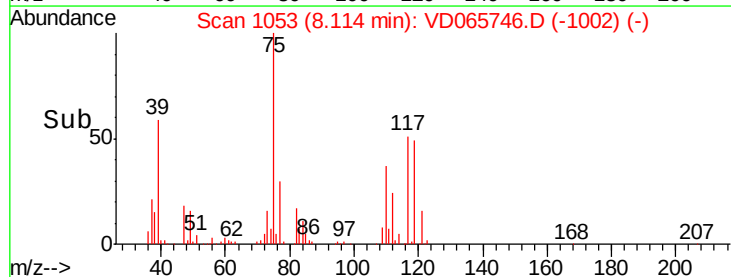
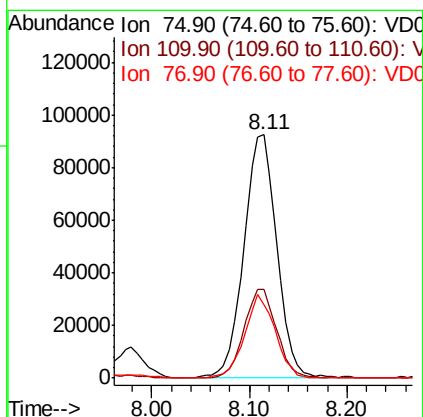
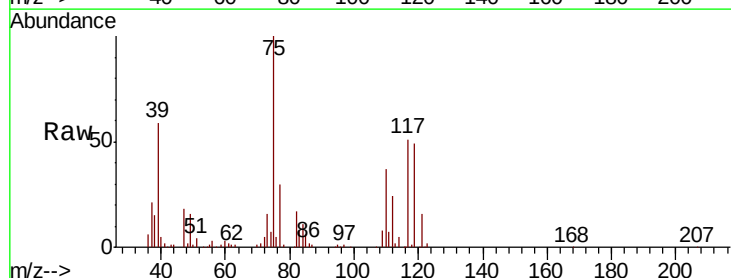
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

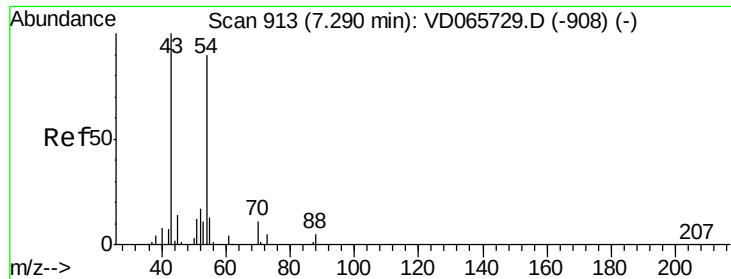
Tot Ion:113 Resp: 146868
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.1 121.7
 192 22.0 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 48.447 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion: 75 Resp: 217921
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.4 55.2
 77 32.1 24.6 37.0

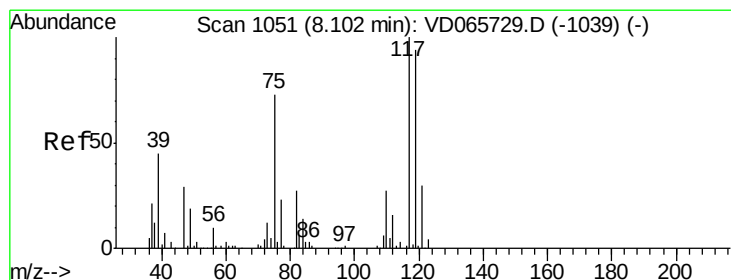
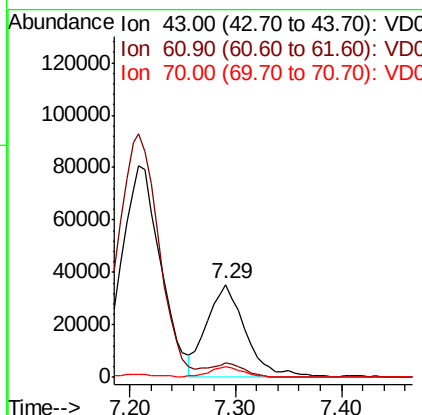
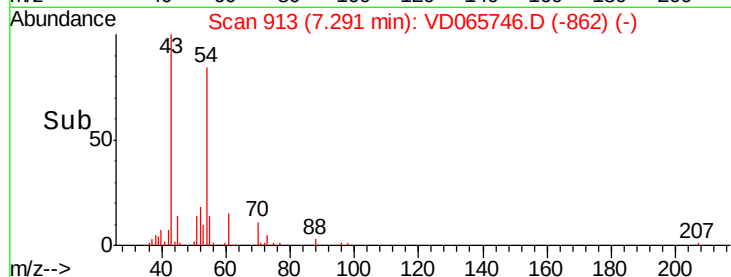
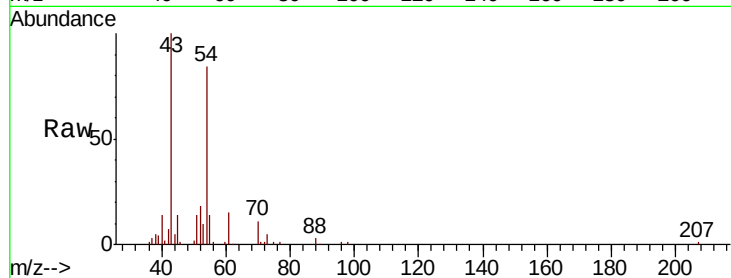




#37
Ethyl Acetate
Concen: 46.275 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

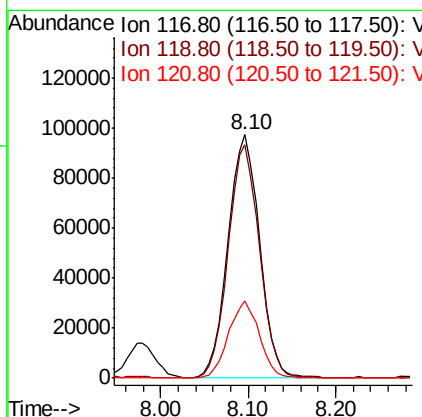
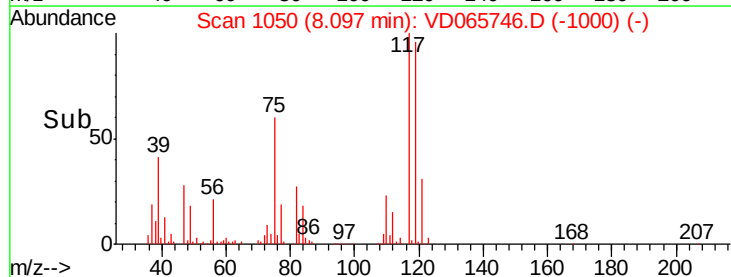
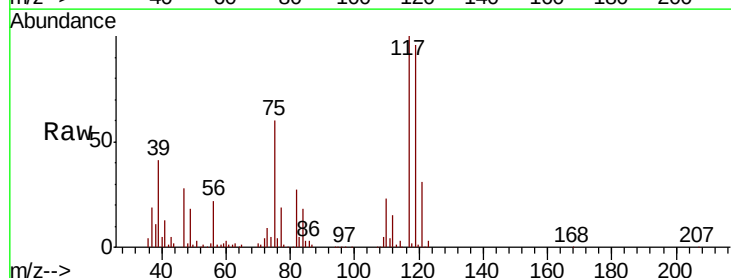
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

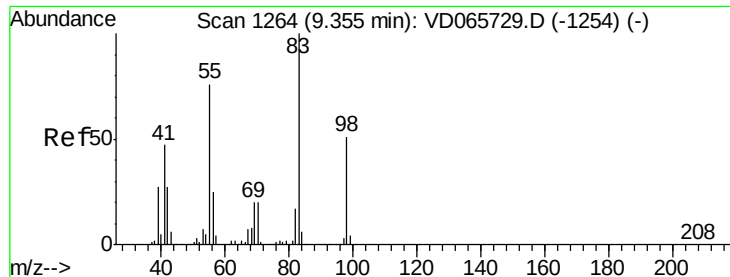
Tot Ion: 43 Resp: 89176
Ion Ratio Lower Upper
43 100
61 13.7 9.8 14.6
70 10.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.895 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion: 117 Resp: 238048
Ion Ratio Lower Upper
117 100
119 96.2 75.6 113.4
121 31.6 24.4 36.6

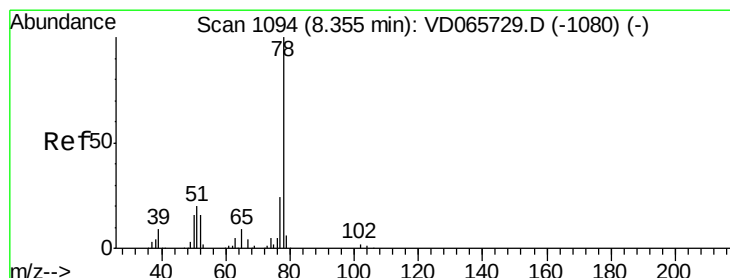
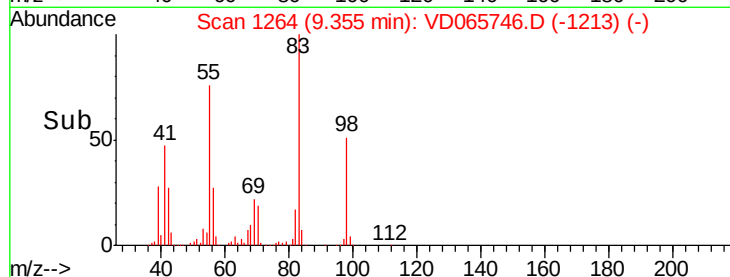
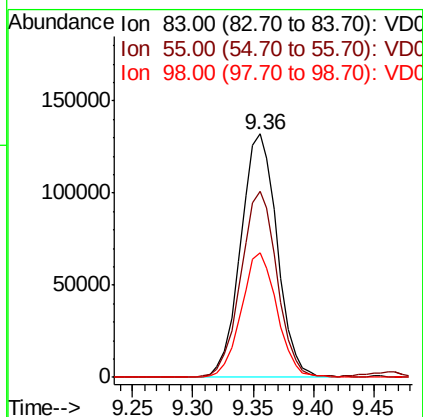
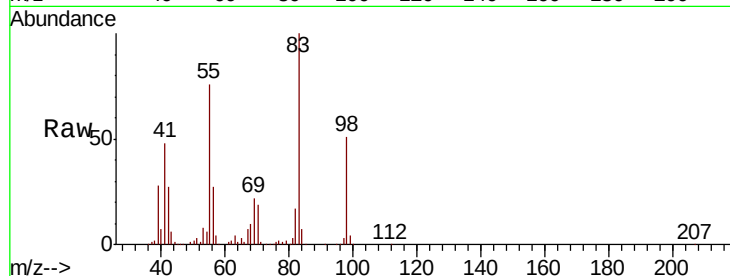




#39
Methylvlcyclohexane
Concen: 48.244 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

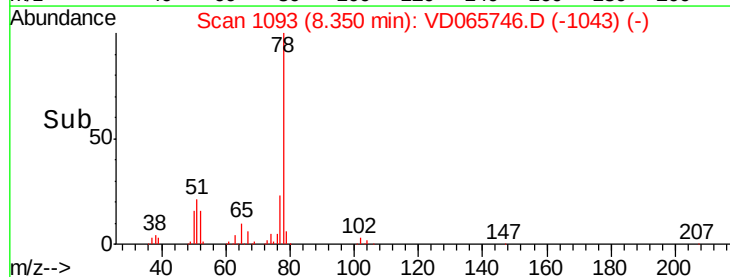
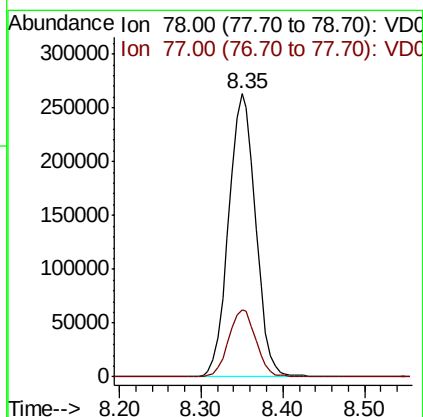
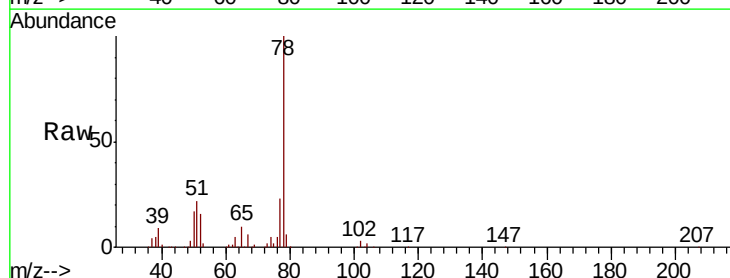
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

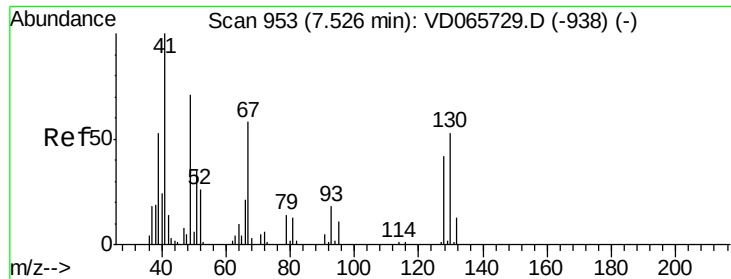
Tot Ion: 83 Resp: 278108
Ion Ratio Lower Upper
83 100
55 76.4 60.9 91.3
98 50.9 40.6 61.0



#40
Benzene
Concen: 49.011 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion: 78 Resp: 606222
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

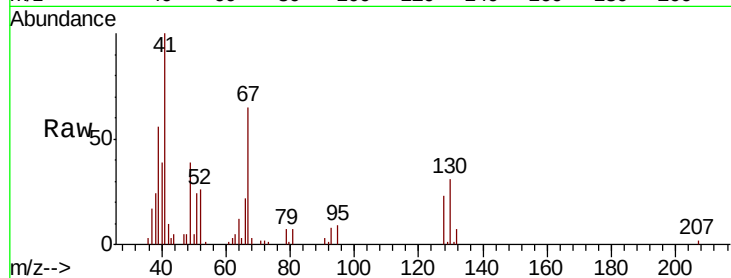




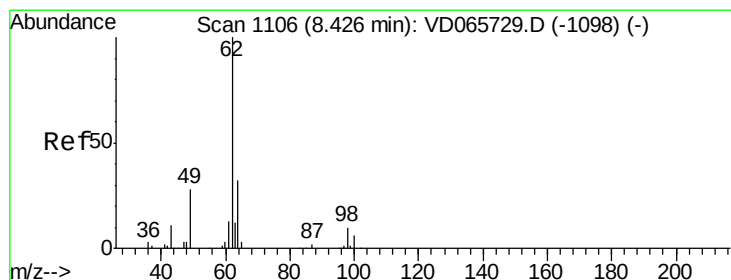
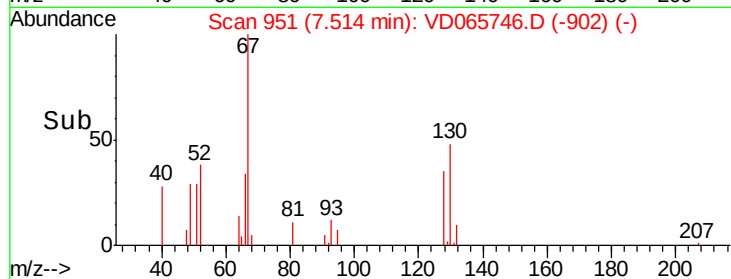
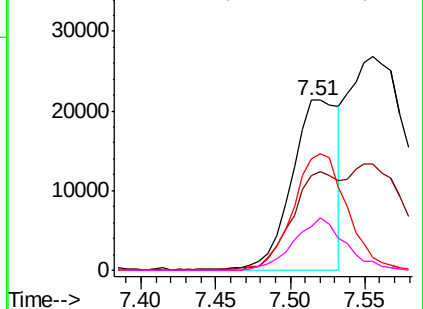
#41
Methacrylonitrile
Concen: 44.057 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	46758
Ion	Ratio	Lower	Upper
41	100		
39	57.2	56.8	85.2
67	78.2	57.9	86.9
52	33.4	25.9	38.9

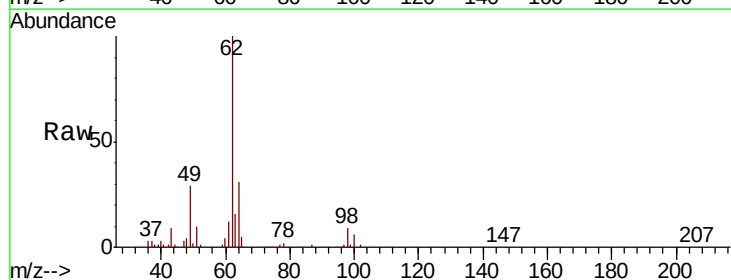


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

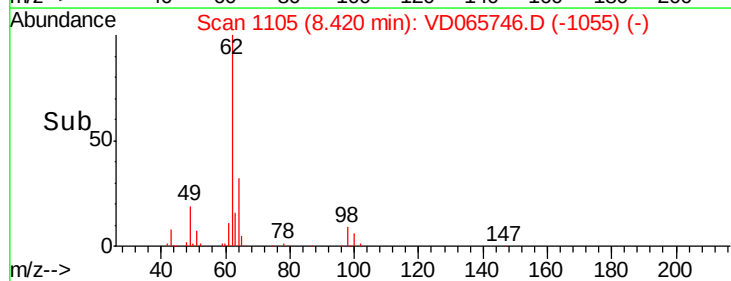
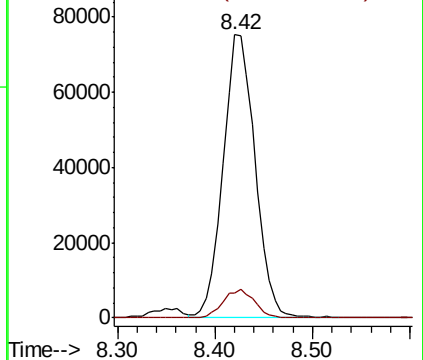


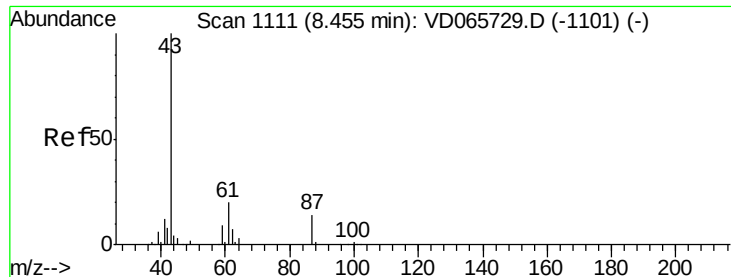
#42
1,2-Dichloroethane
Concen: 49.427 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion:	62	Resp:	170226
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 47.328 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

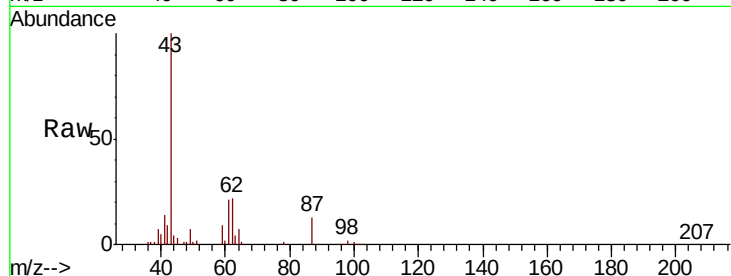
Tot Ion: 43 Resp: 180772

Ion Ratio Lower Upper

43 100

61 29.6 23.8 35.6

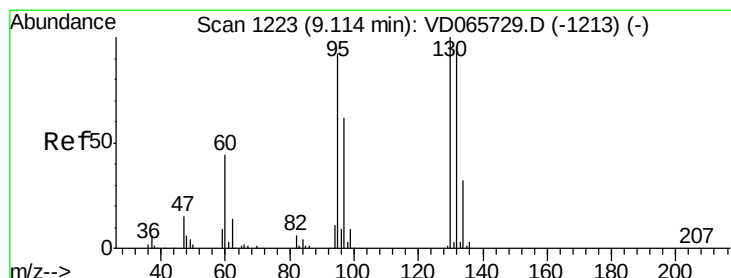
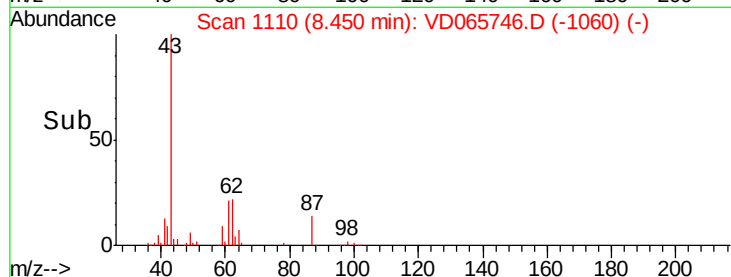
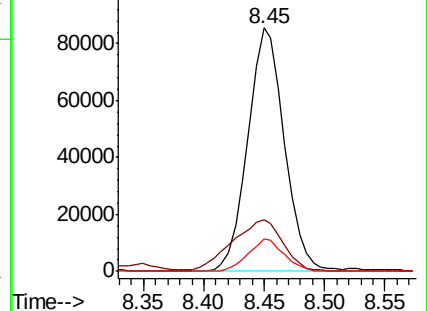
87 13.0 10.5 15.7



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: 48.337 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065746.D

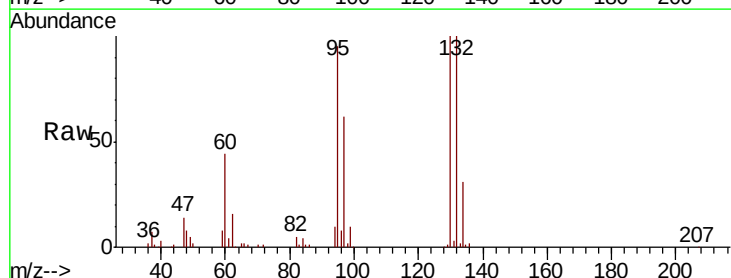
Acq: 15 May 2020 11:36

Tgt Ion:130 Resp: 178995

Ion Ratio Lower Upper

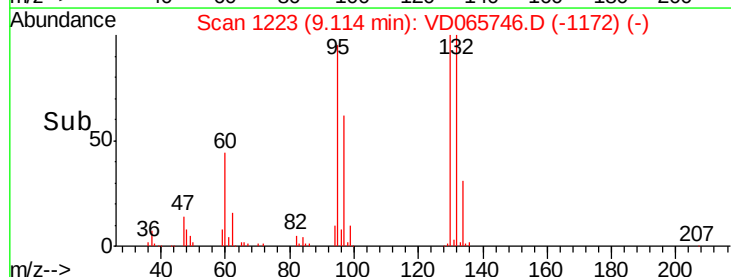
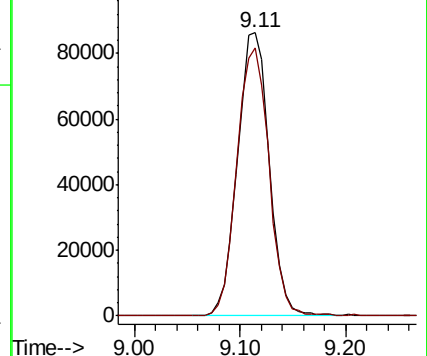
130 100

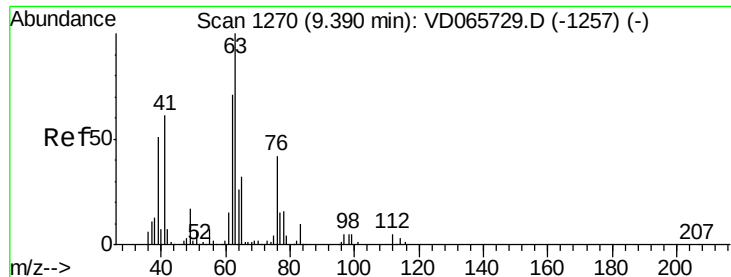
95 94.8 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.776 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

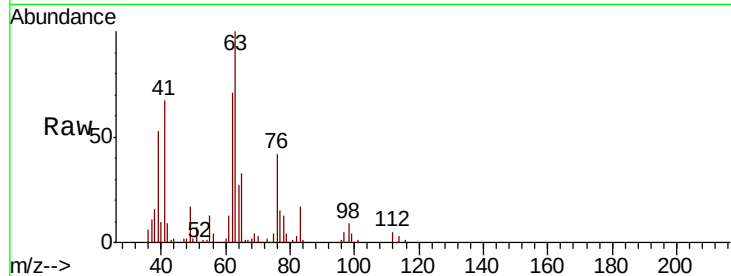
VSTDCCC050

Tot Ion: 63 Resp: 148752

Ion Ratio Lower Upper

63 100

65 32.5 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

80000

60000

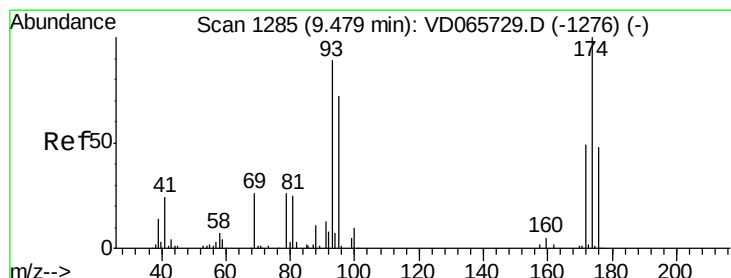
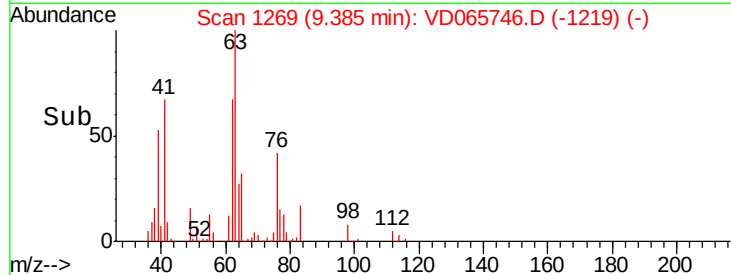
40000

20000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 49.049 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

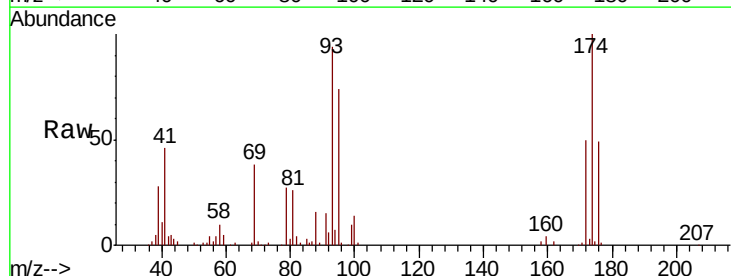
Tgt Ion: 93 Resp: 80659

Ion Ratio Lower Upper

93 100

95 82.8 65.4 98.2

174 109.1 89.9 134.9



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): VDC

60000

50000

40000

30000

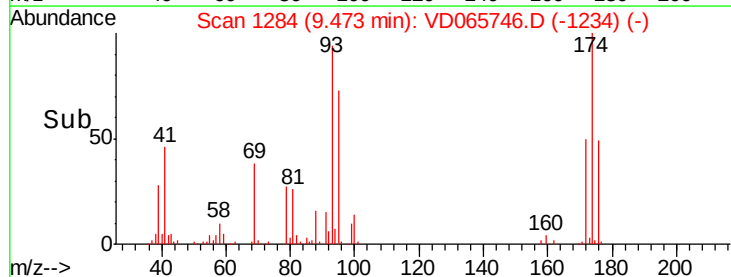
20000

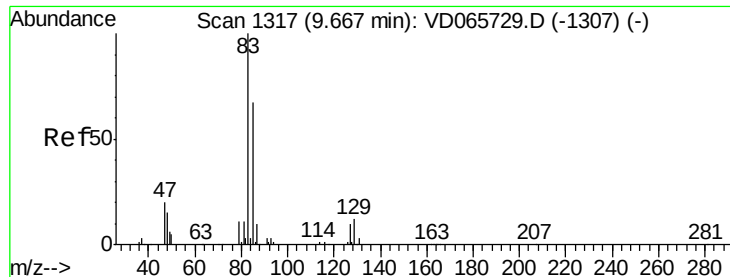
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 49.264 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

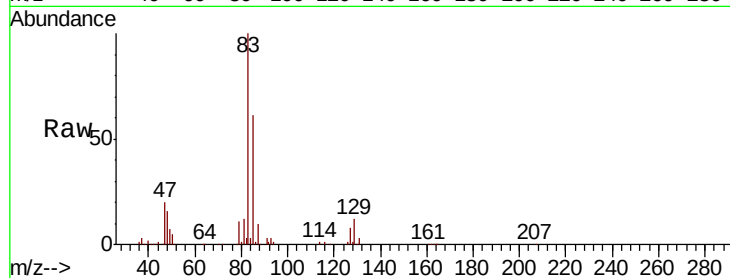
Tot Ion: 83 Resp: 212049

Ion Ratio Lower Upper

83 100

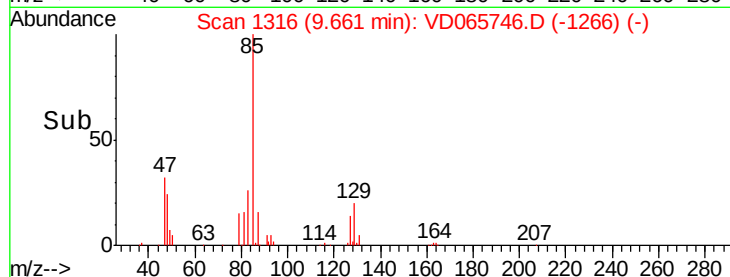
85 61.4 53.6 80.4

127 8.5 7.7 11.5

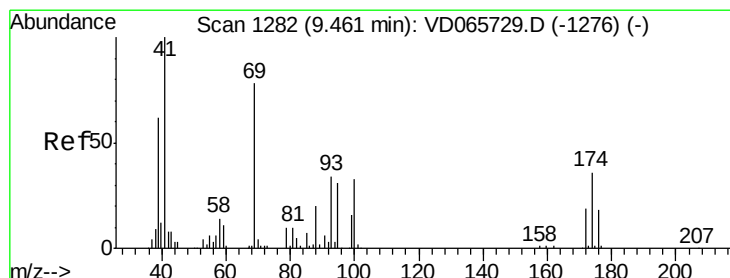


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

9.66



Time-->



#48

Methyl methacrylate

Concen: 48.870 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

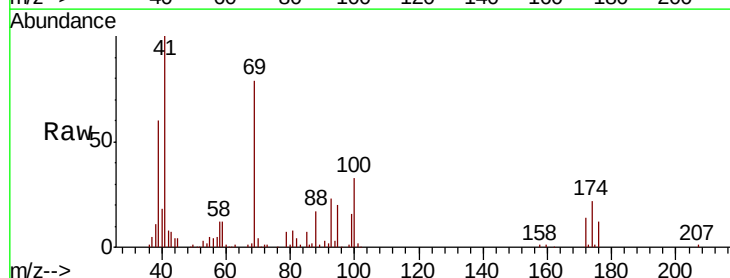
Tgt Ion: 41 Resp: 87618

Ion Ratio Lower Upper

41 100

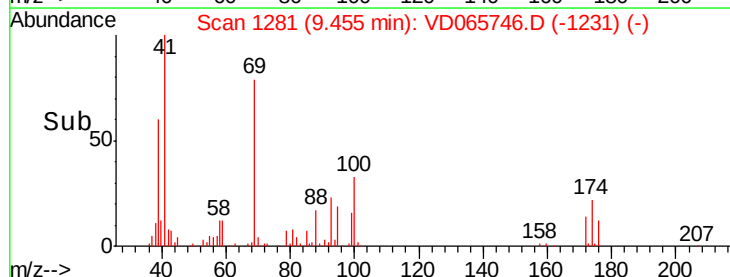
69 82.1 64.4 96.6

39 56.4 46.7 70.1

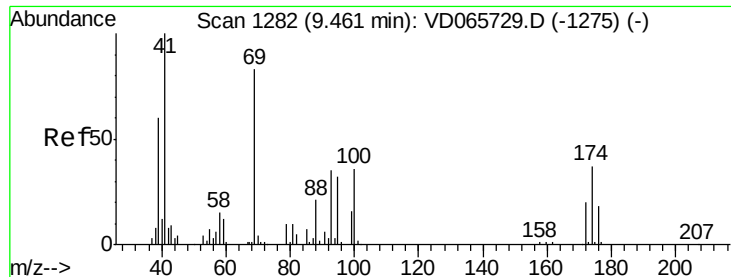


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

9.46



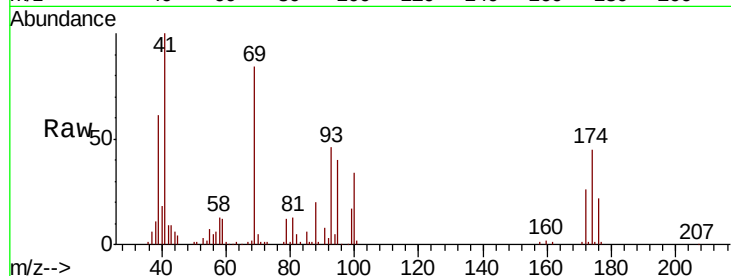
Time-->



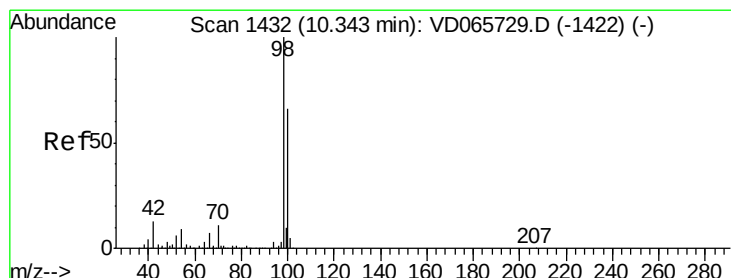
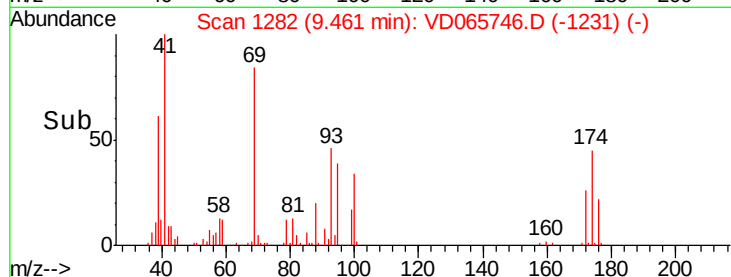
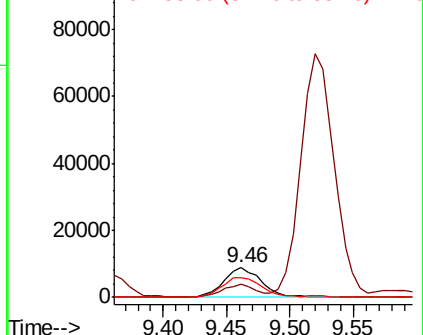
#49
1,4-Dioxane
Concen: 934.702 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 18136
Ion Ratio Lower Upper
88 100
43 38.1 29.4 44.0
58 71.6 55.1 82.7

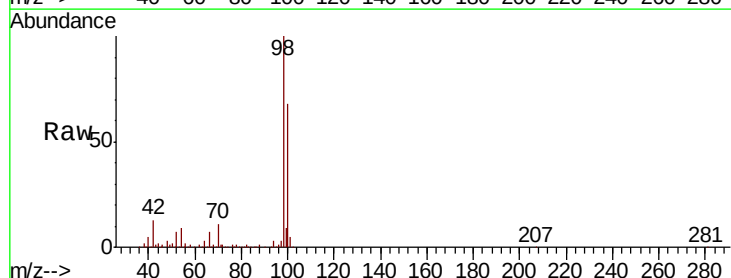


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

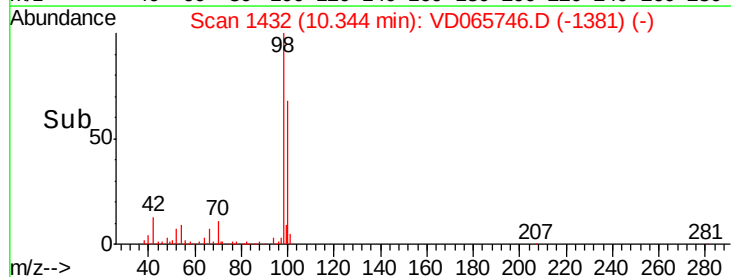
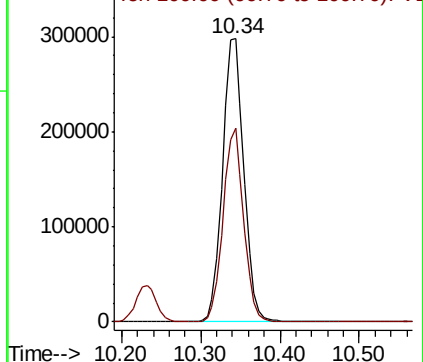


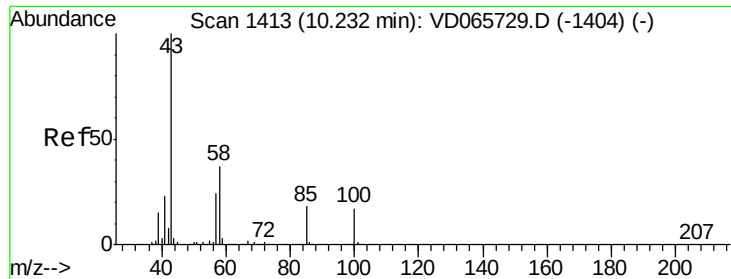
#50
Toluene-d8
Concen: 49.425 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion: 98 Resp: 552159
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



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

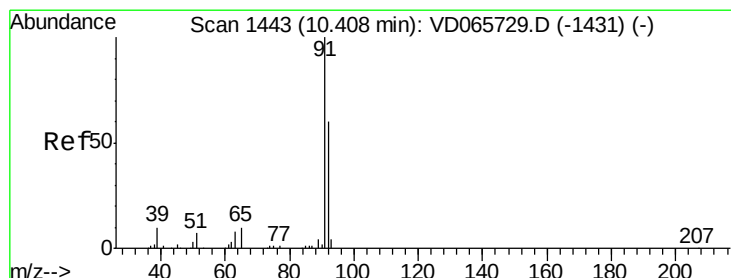
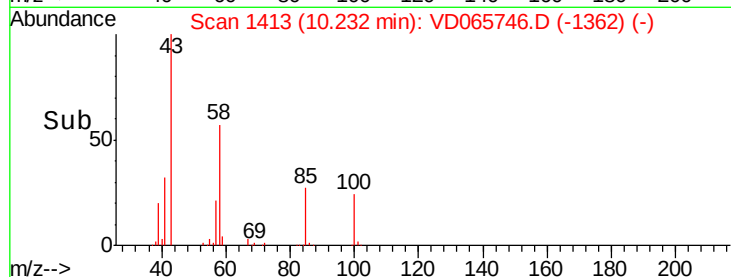
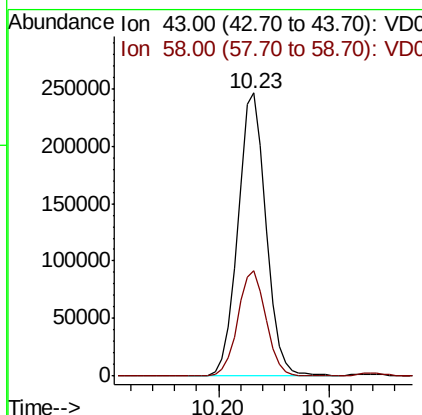
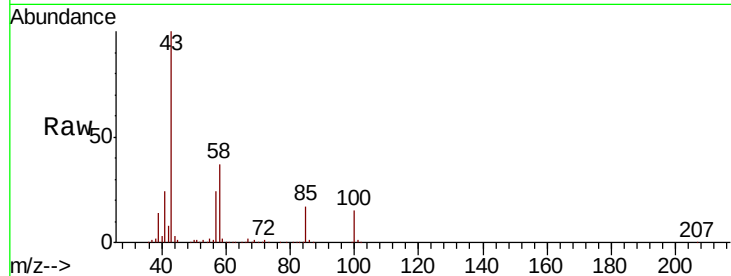




#51
 4-Methyl-2-Pentanone
 Concen: 240.873 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

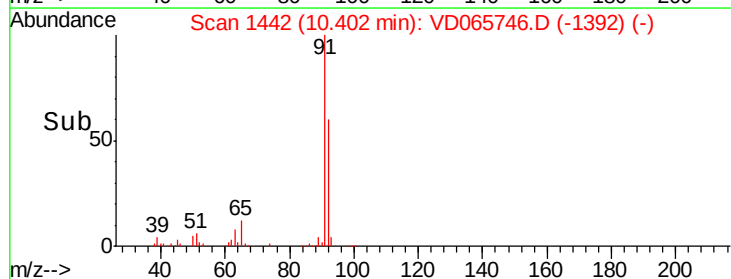
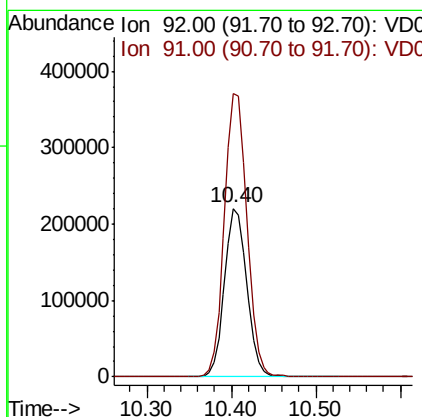
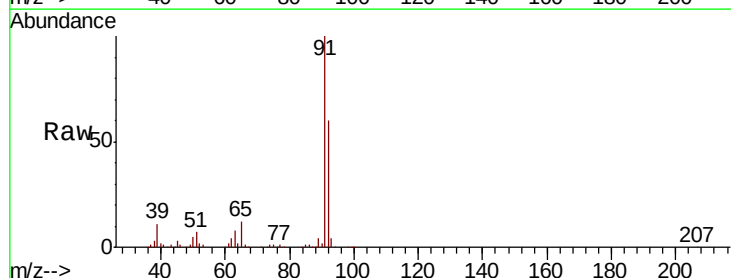
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

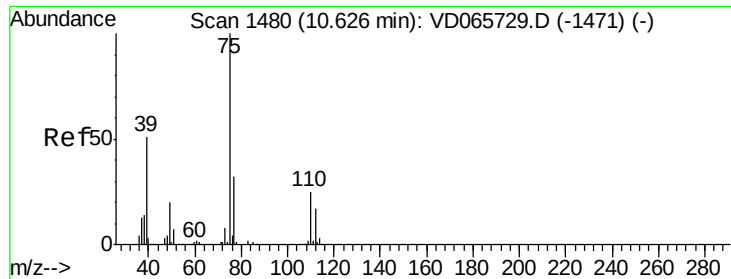
Tot Ion: 43 Resp: 440275
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.2 45.2



#52
 Toluene
 Concen: 49.656 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion: 92 Resp: 402378
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 49.256 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

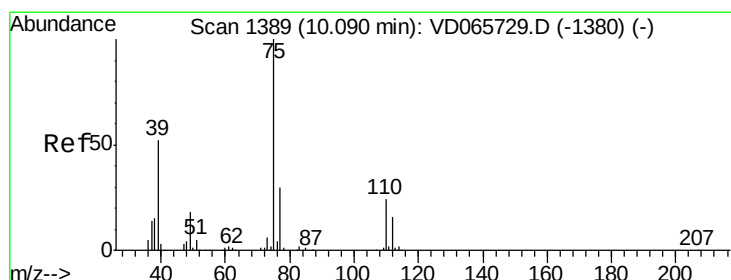
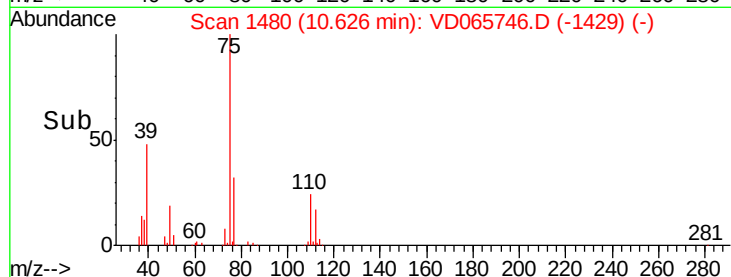
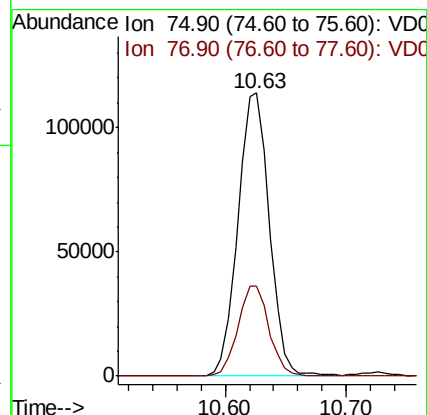
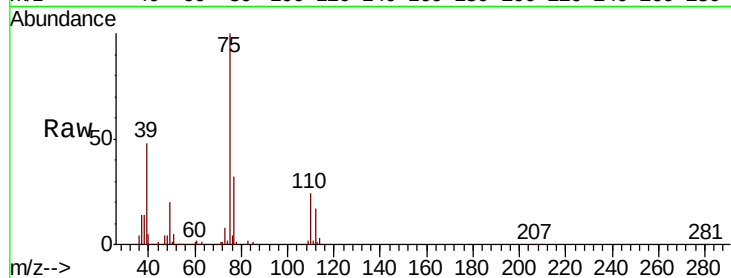
VSTDCCC050

Tot Ion: 75 Resp: 207125

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 49.934 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

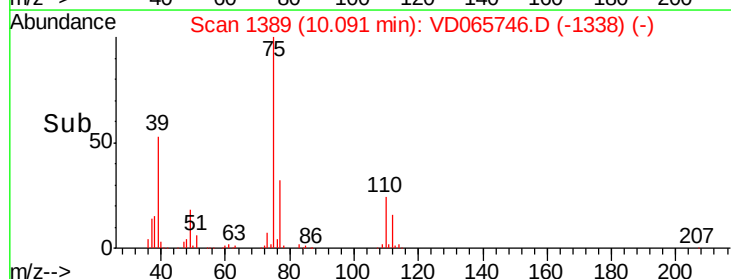
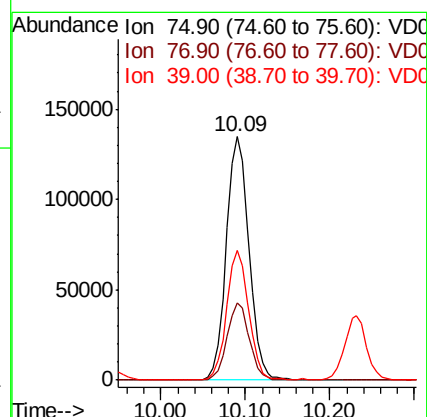
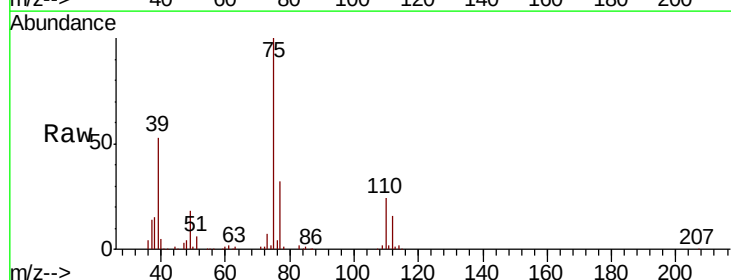
Tgt Ion: 75 Resp: 249758

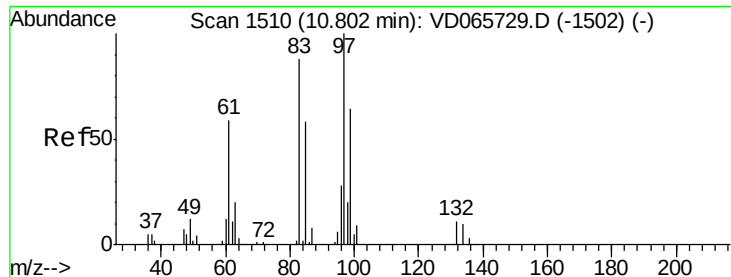
Ion Ratio Lower Upper

75 100

77 31.5 23.8 35.6

39 52.9 41.9 62.9



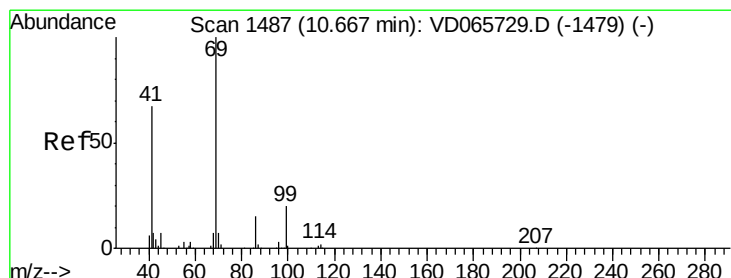
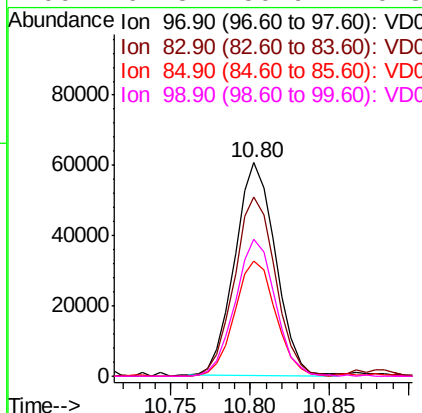
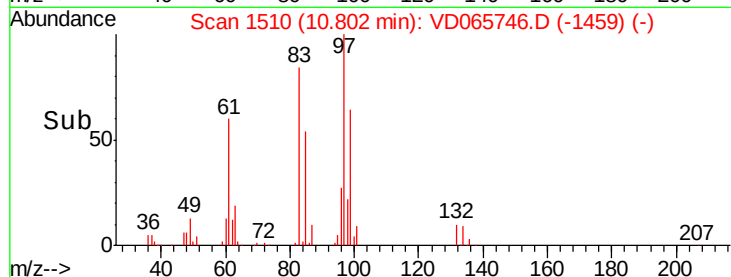
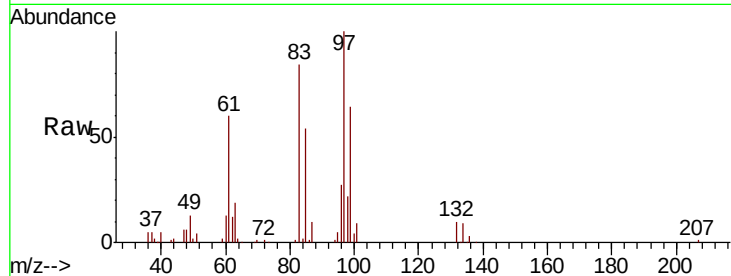


#55
 1,1,2-Trichloroethane
 Concen: 48.565 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 108797

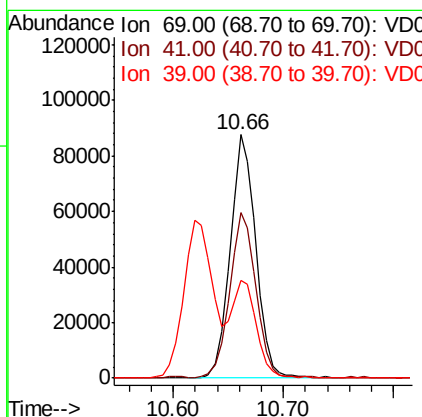
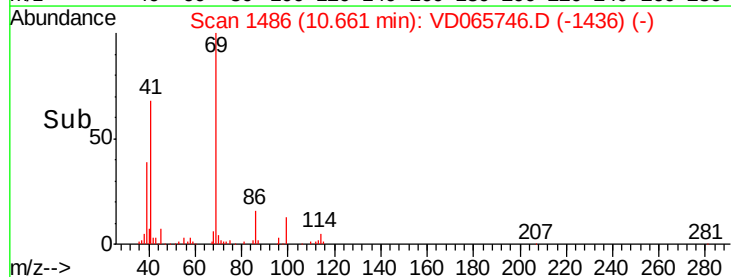
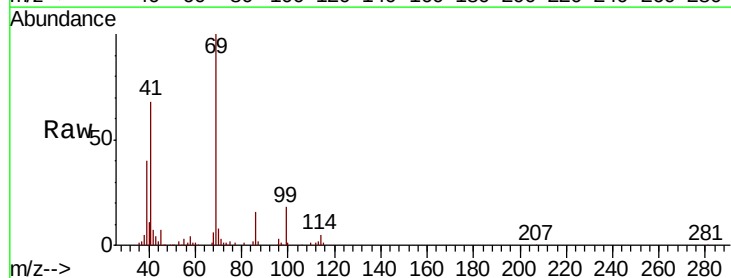
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.7	106.1
85	54.2	46.8	70.2
99	64.3	50.9	76.3

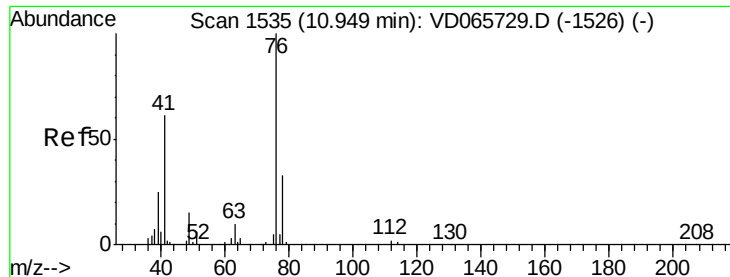


#56
 Ethyl methacrylate
 Concen: 48.546 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion: 69 Resp: 141745

Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.7	83.5
39	40.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 48.117 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

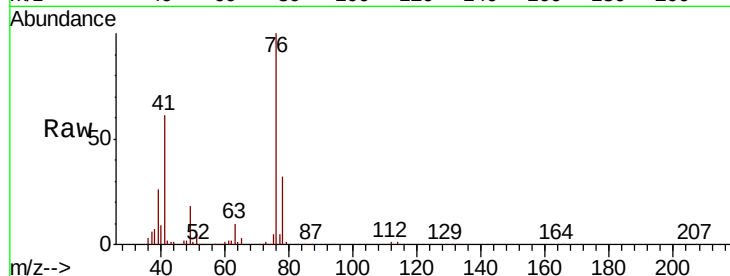
VSTDCCC050

Tot Ion: 76 Resp: 187484

Ion Ratio Lower Upper

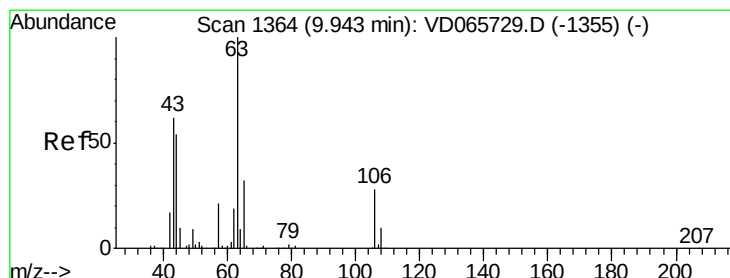
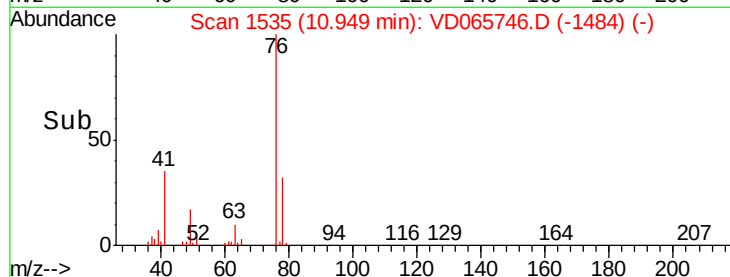
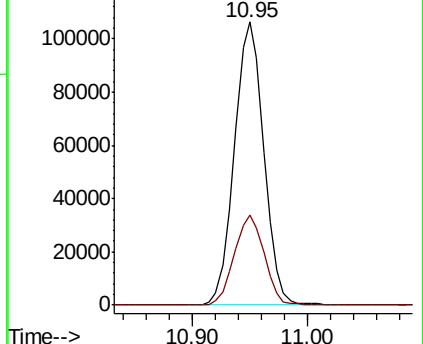
76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 259.711 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065746.D

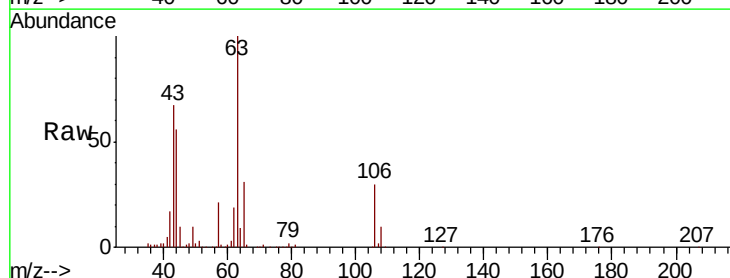
Acq: 15 May 2020 11:36

Tgt Ion: 63 Resp: 352789

Ion Ratio Lower Upper

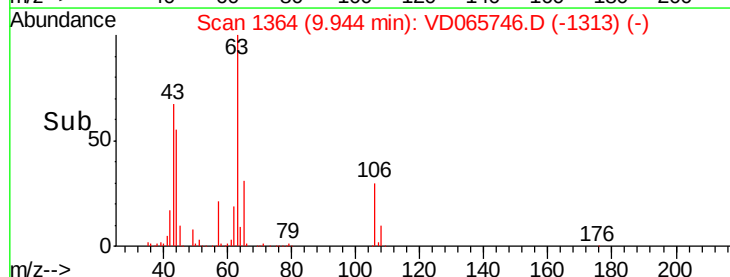
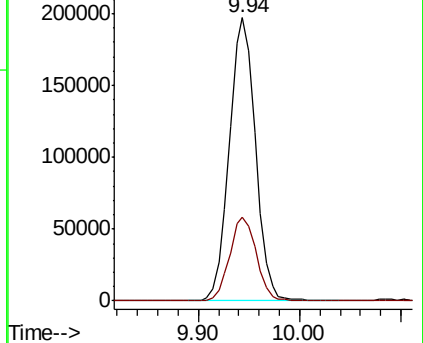
63 100

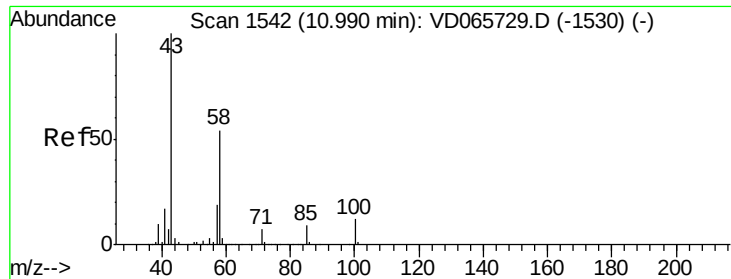
106 30.2 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

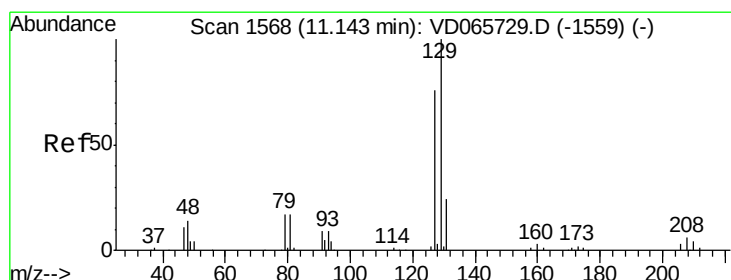
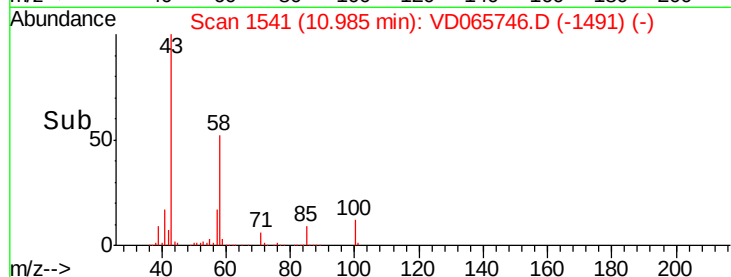
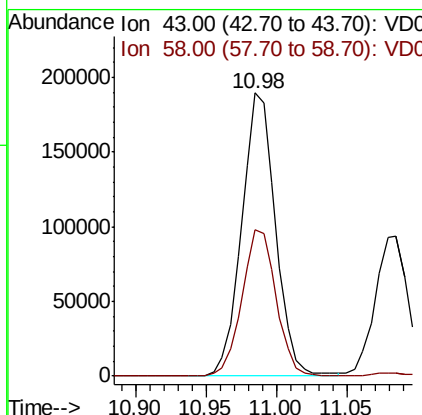
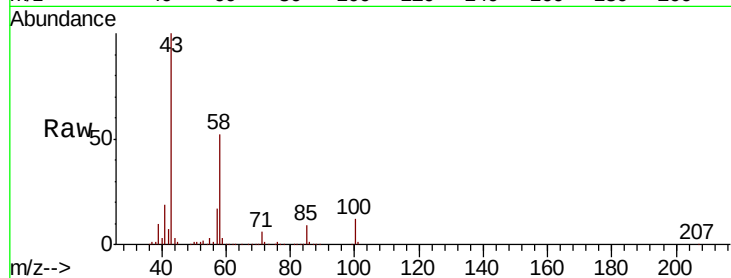




#59
2-Hexanone
Concen: 255.664 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

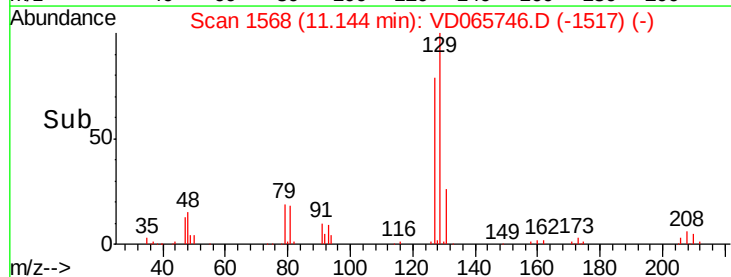
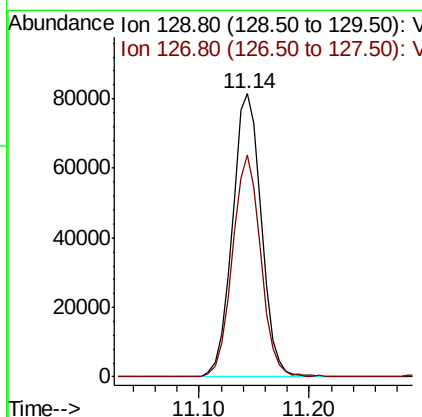
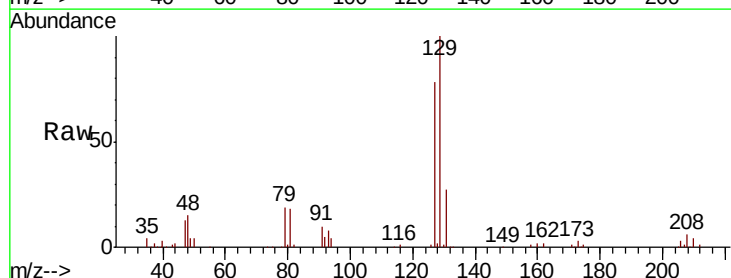
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

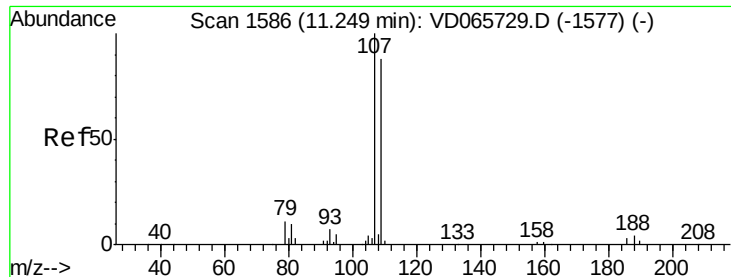
Tot Ion: 43 Resp: 318226
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.1



#60
Dibromochloromethane
Concen: 49.908 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion: 129 Resp: 149721
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9

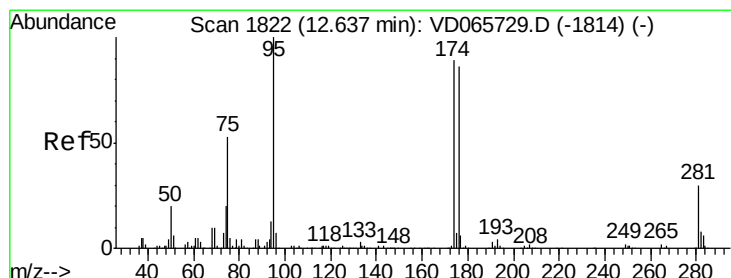
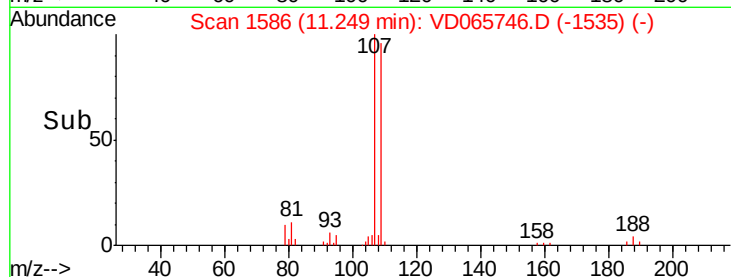
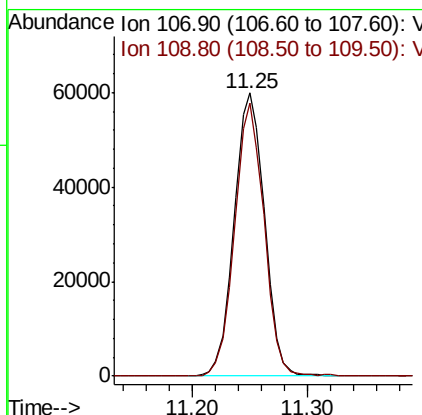
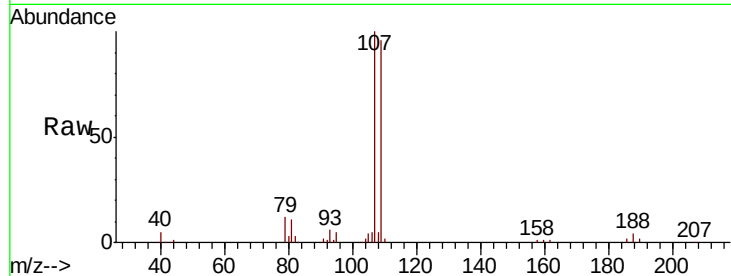




#61
 1,2-Dibromoethane
 Concen: 48.558 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

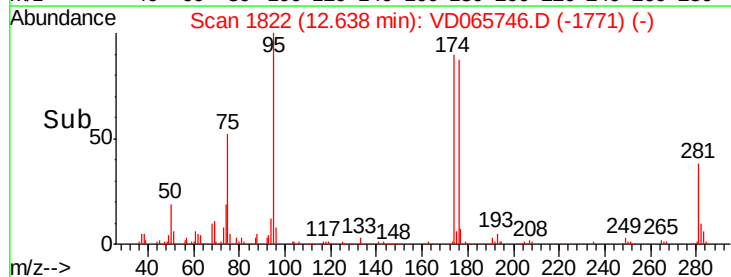
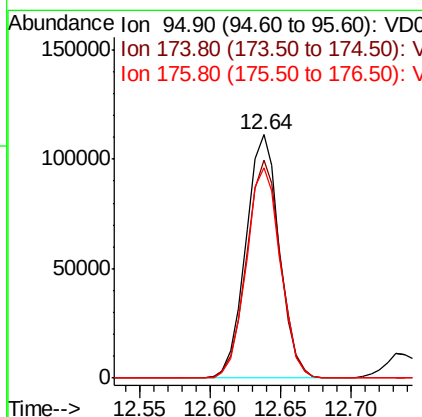
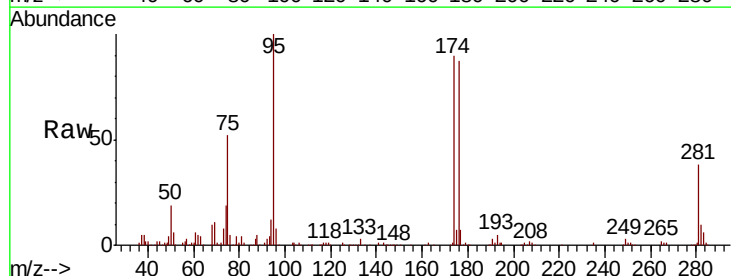
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

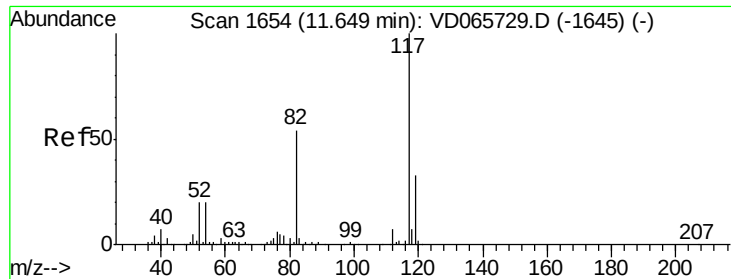
Tot Ion: 107 Resp: 108644
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 49.010 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion: 95 Resp: 185426
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 179.4
 176 87.8 0.0 174.0

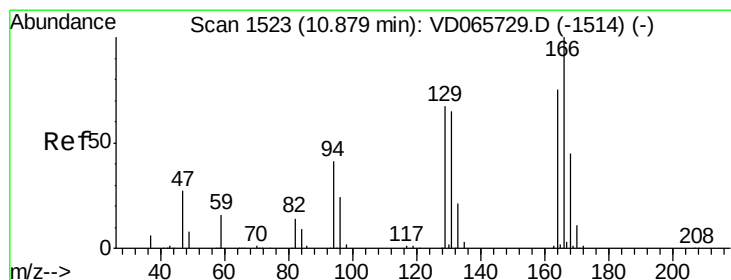
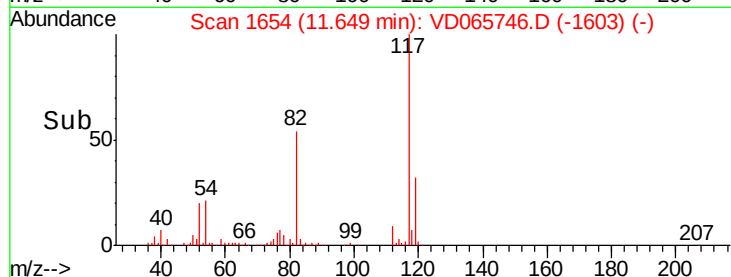
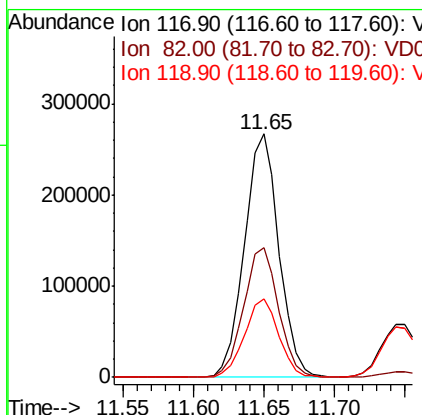
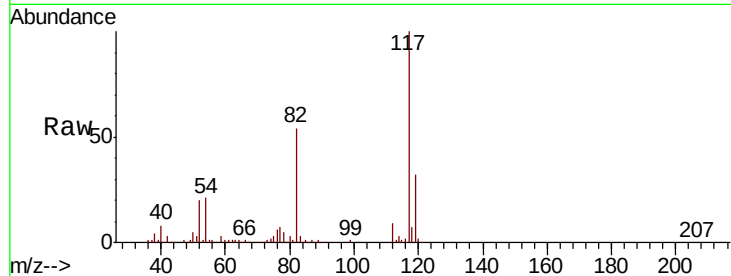




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

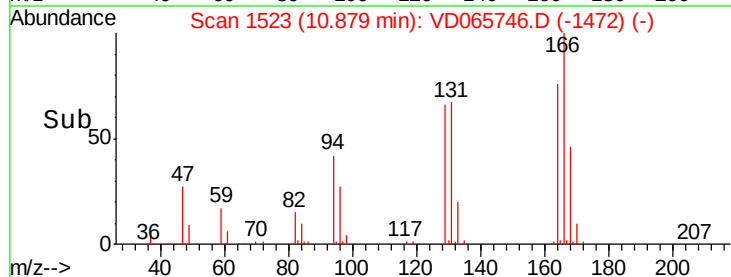
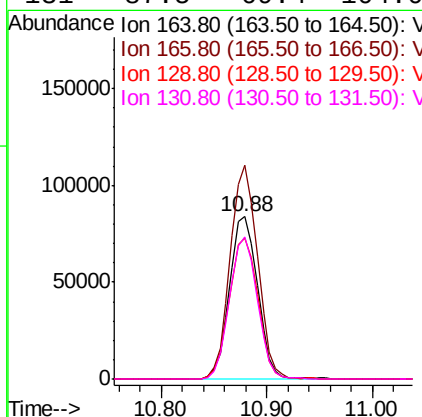
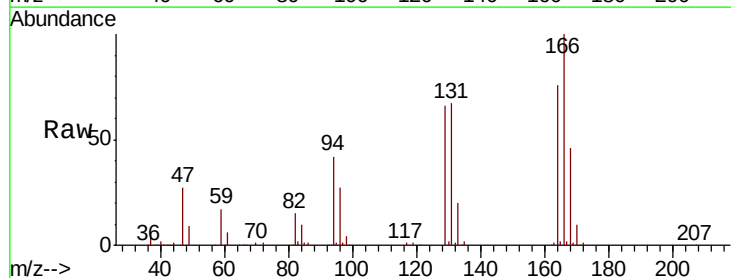
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

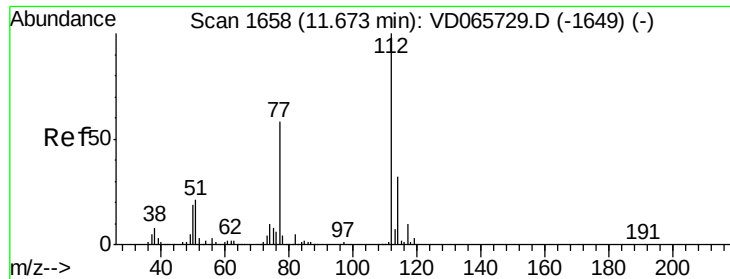
Tot Ion:117 Resp: 456494
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 32.1 26.6 40.0



#64
Tetrachloroethene
Concen: 48.821 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion:164 Resp: 154105
Ion Ratio Lower Upper
164 100
166 131.5 106.6 159.8
129 86.6 71.4 107.2
131 87.5 69.4 104.0

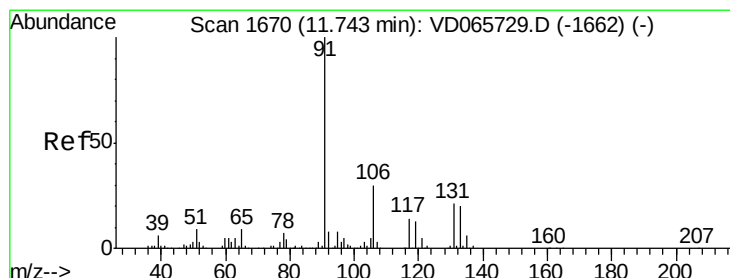
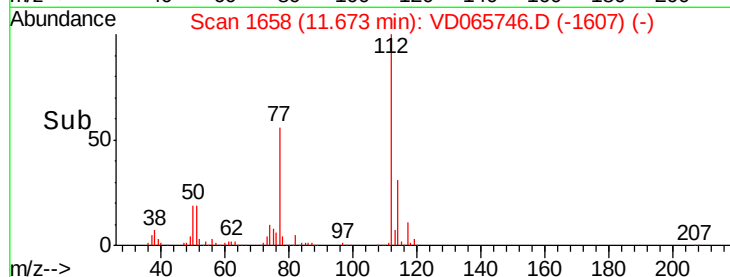
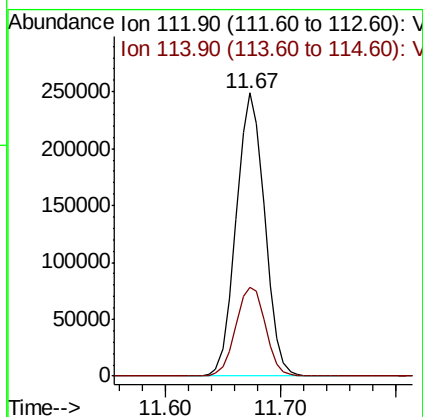
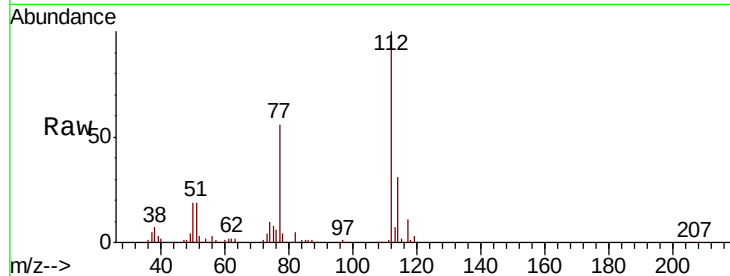




#65
Chlorobenzene
Concen: 49.505 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

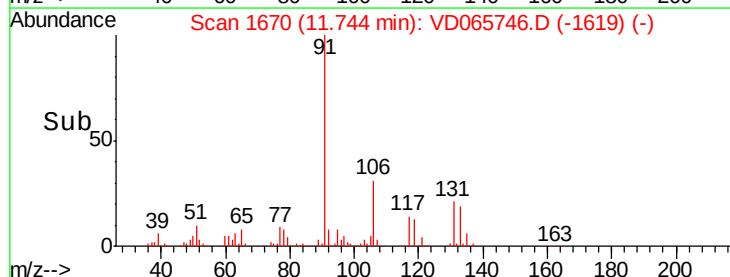
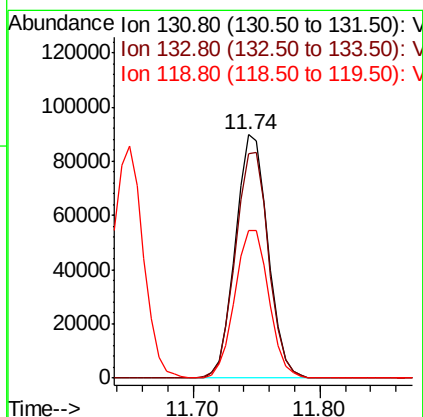
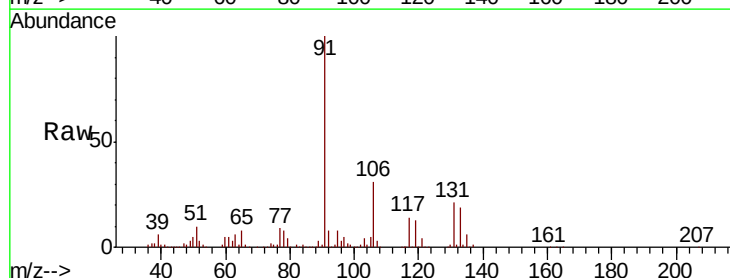
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

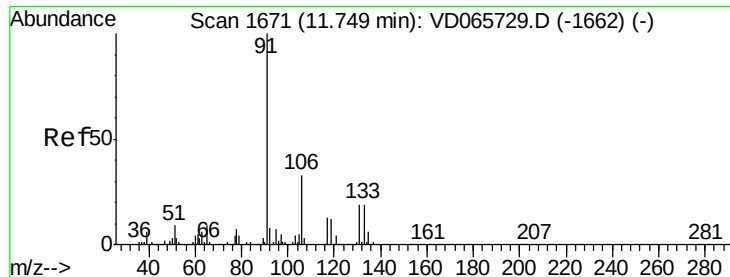
Tot Ion:112 Resp: 425853
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.723 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion:131 Resp: 160139
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.8
119 63.2 31.6 95.0





#67

Ethyl Benzene

Concen: 49.827 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

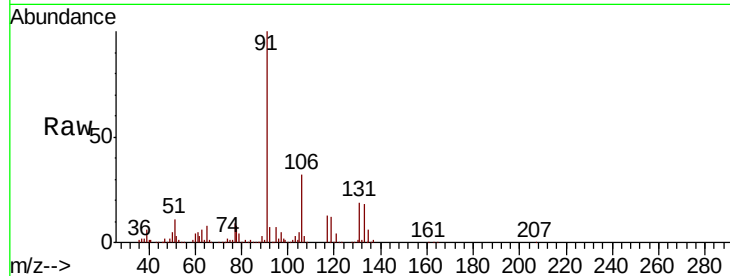
VSTDCCC050

Tot Ion: 91 Resp: 764258

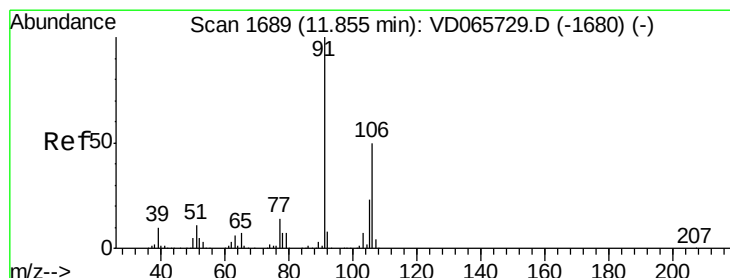
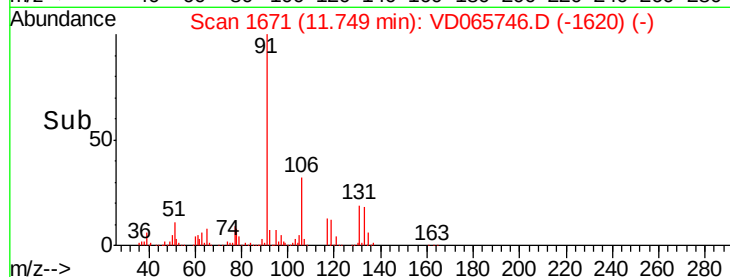
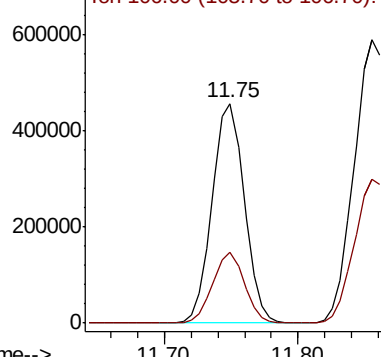
Ion Ratio Lower Upper

91 100

106 32.1 26.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VDC



#68

m/p-Xylenes

Concen: 99.912 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065746.D

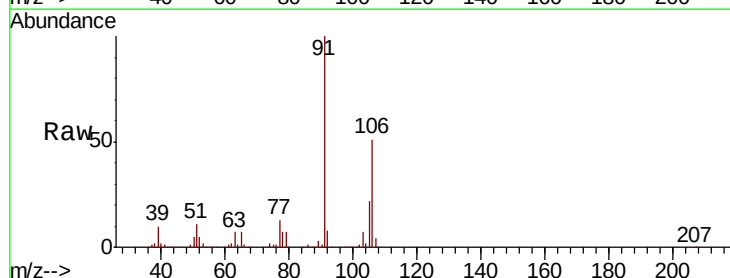
Acq: 15 May 2020 11:36

Tgt Ion: 106 Resp: 585303

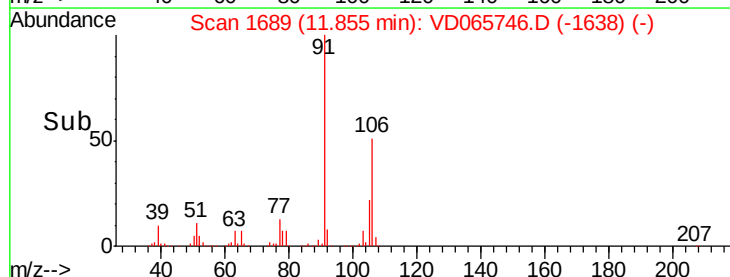
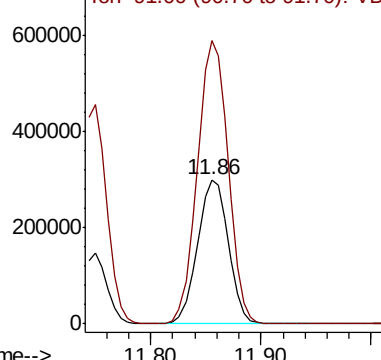
Ion Ratio Lower Upper

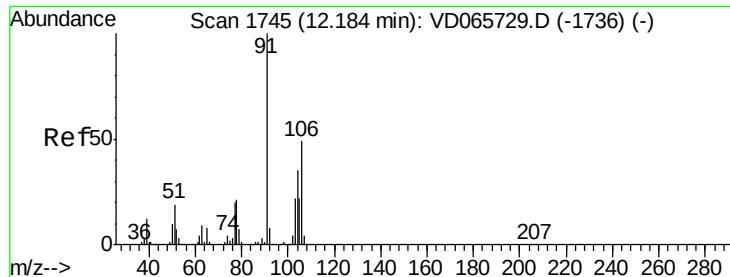
106 100

91 197.1 158.7 238.1



Abundance Ion 106.00 (105.70 to 106.70): V

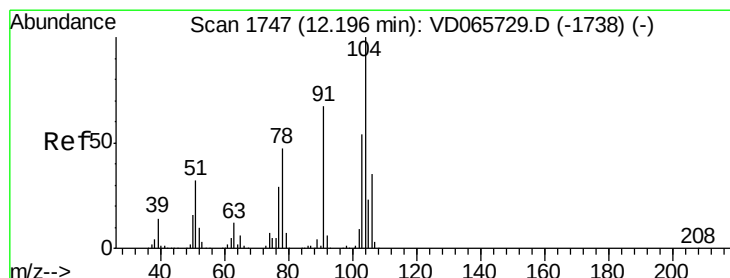
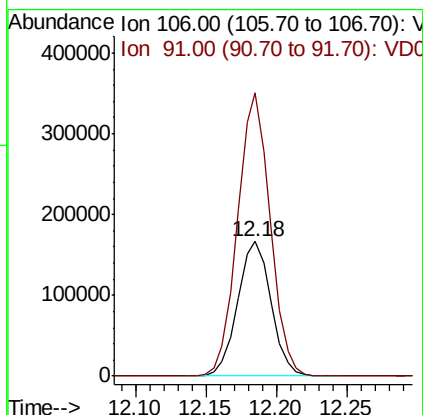
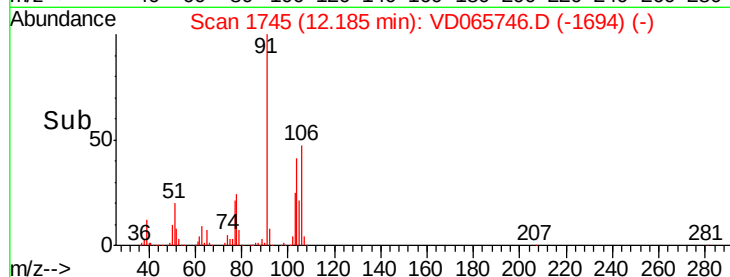
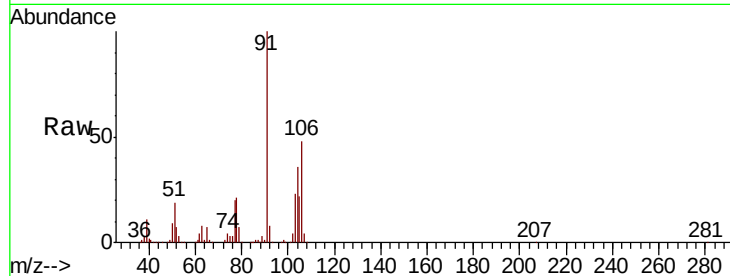




#69
o-Xylene
Concen: 50.603 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

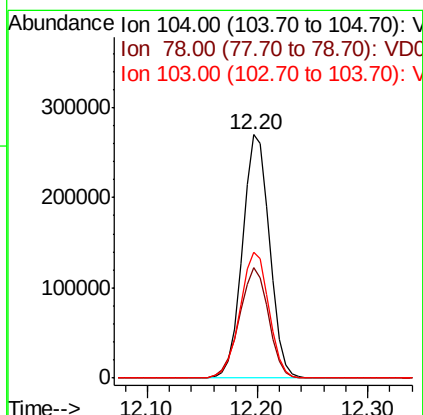
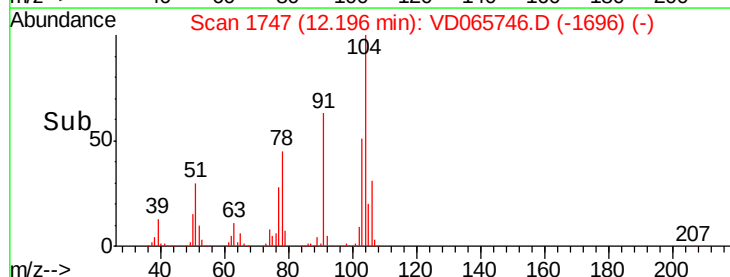
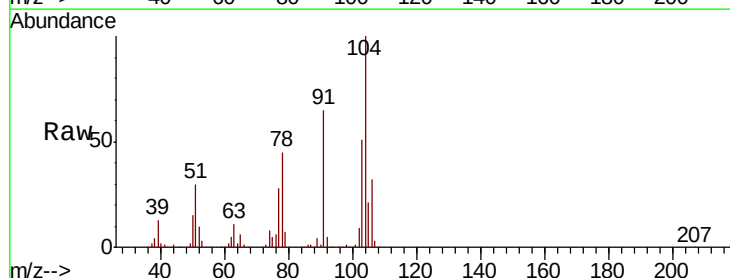
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

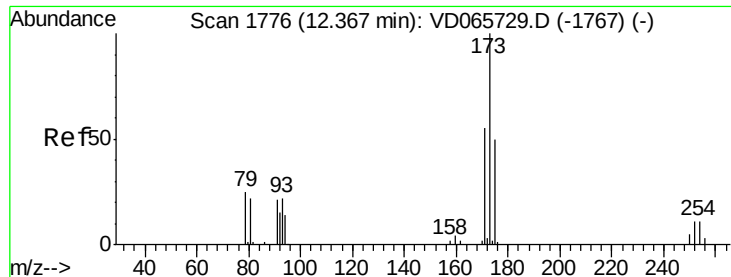
Tot Ion:106 Resp: 275963
Ion Ratio Lower Upper
106 100
91 205.1 101.8 305.4



#70
Styrene
Concen: 50.033 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion:104 Resp: 465651
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 50.664 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

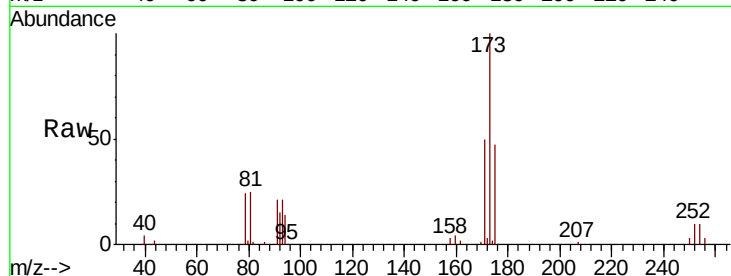
Tot Ion:173 Resp: 90055

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.6

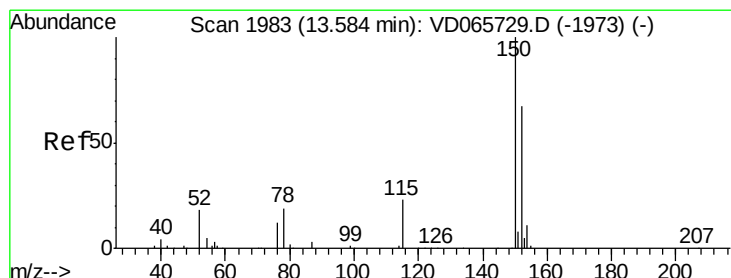
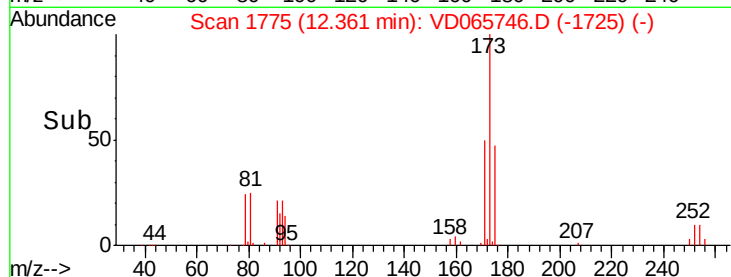
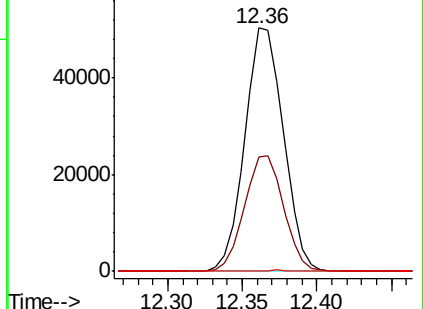
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

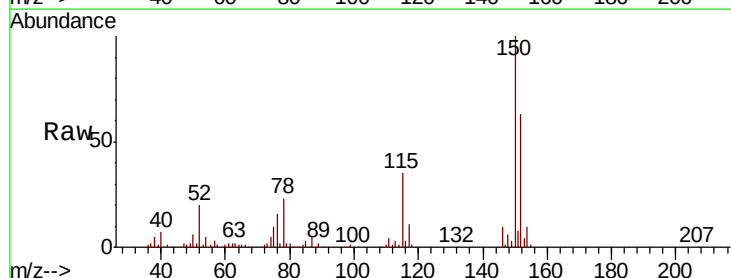
Tgt Ion:152 Resp: 226114

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.3

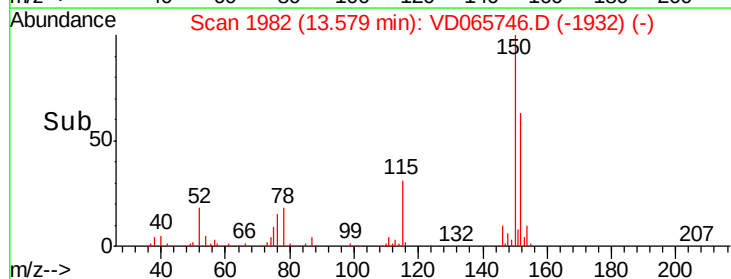
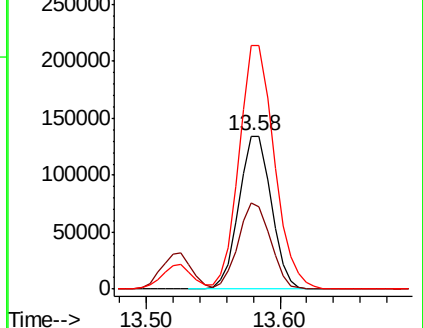
150 172.5 0.0 343.2

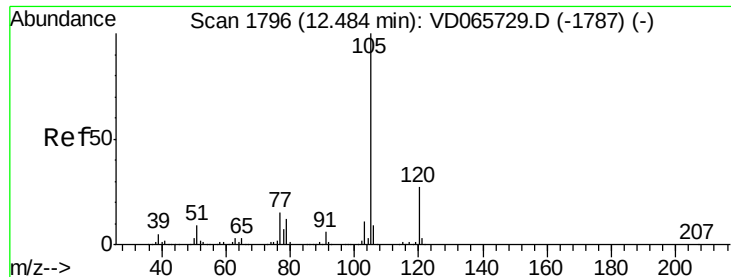


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.559 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

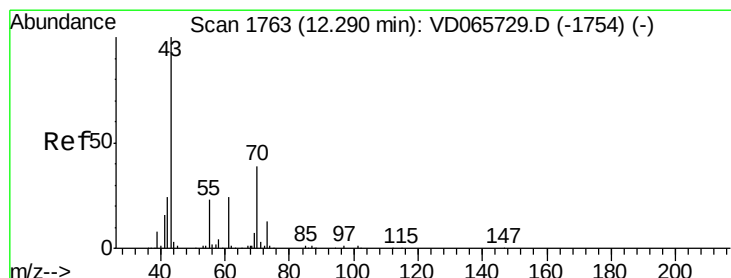
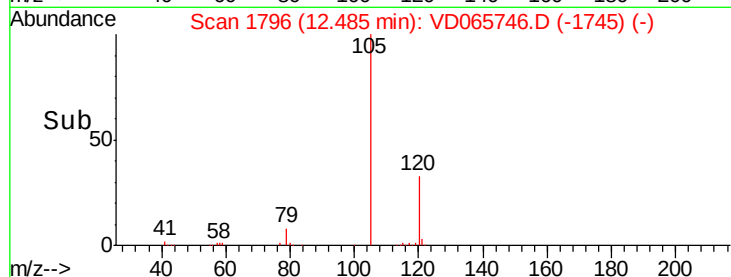
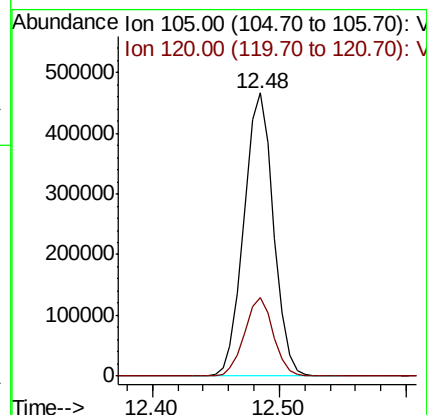
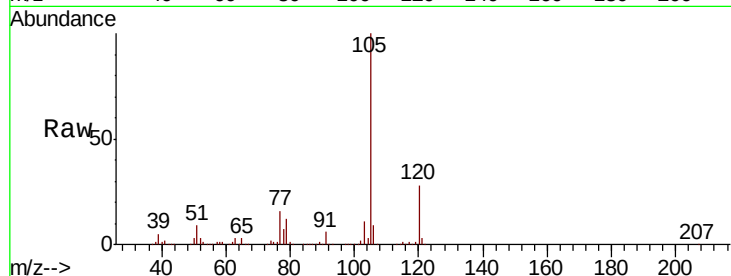
VSTDCCC050

Tot Ion:105 Resp: 752305

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.0



#74

N-ethyl acetate

Concen: 47.703 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Tgt Ion: 43 Resp: 168128

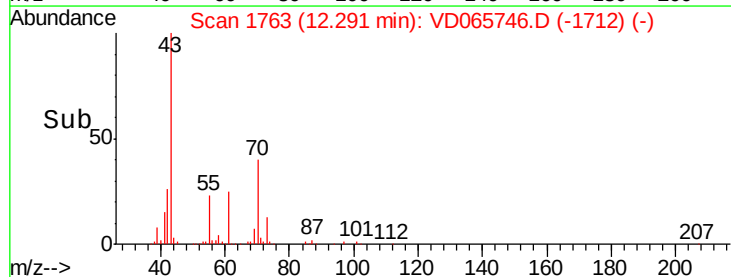
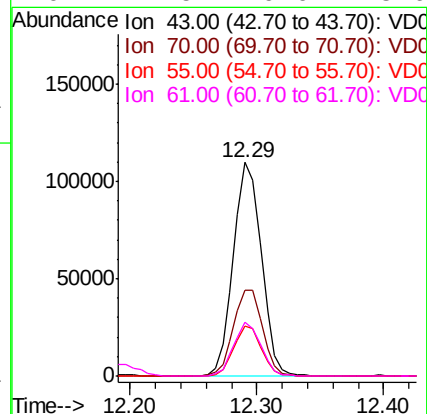
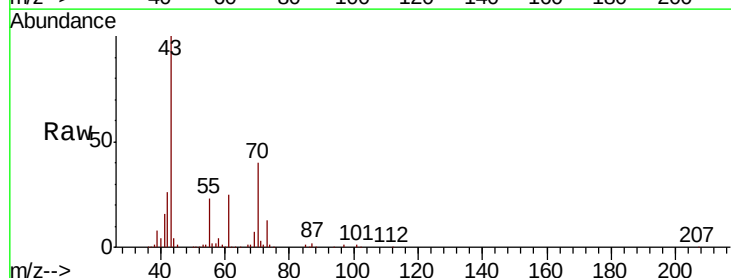
Ion Ratio Lower Upper

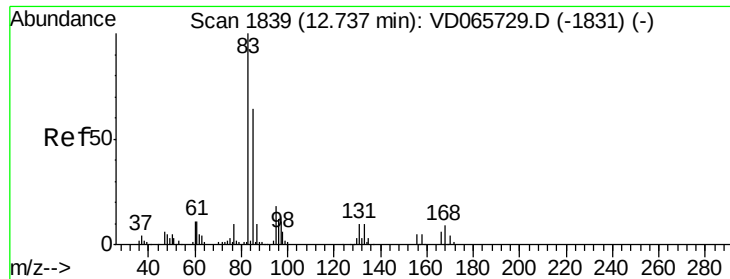
43 100

70 41.5 31.8 47.6

55 22.8 17.9 26.9

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.788 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

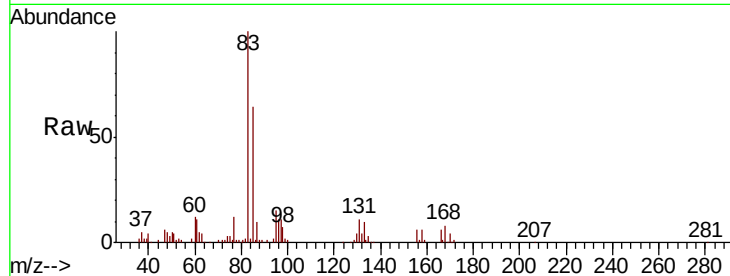
Tot Ion: 83 Resp: 117217

Ion Ratio Lower Upper

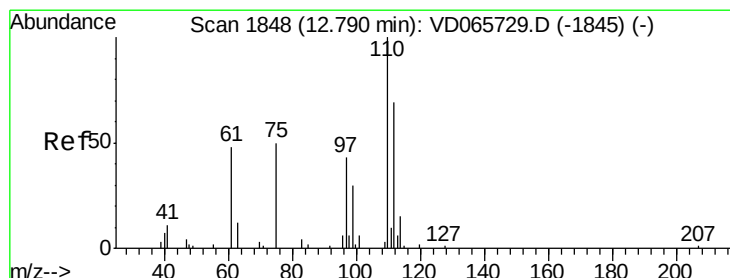
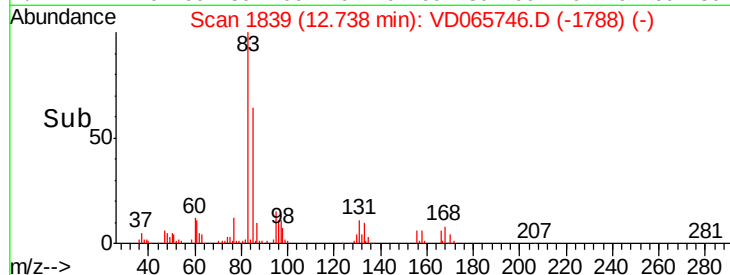
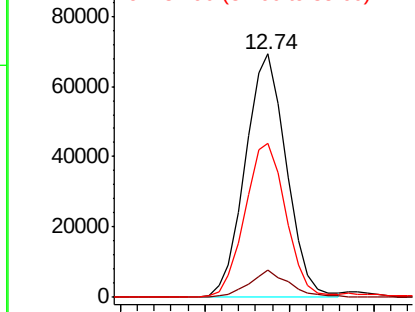
83 100

131 11.0 5.9 17.6

85 63.3 32.5 97.4



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: 40.678 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065746.D

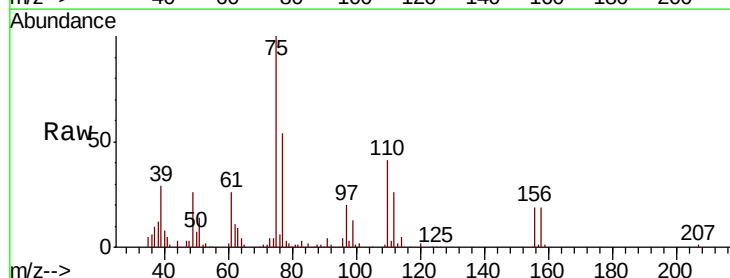
Acq: 15 May 2020 11:36

Tgt Ion: 75 Resp: 68644

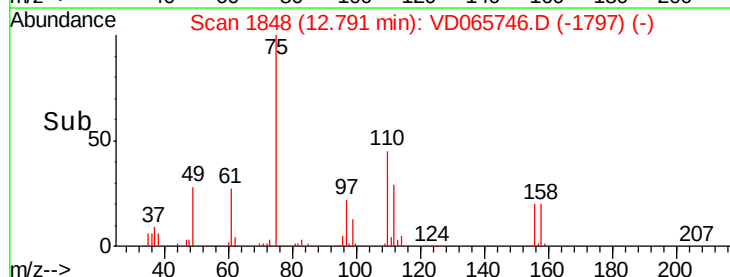
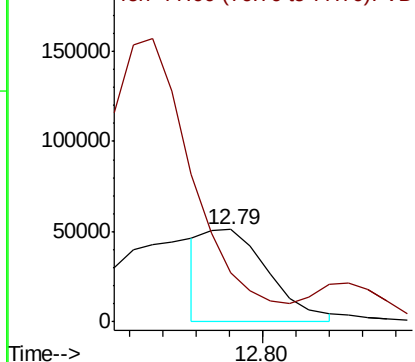
Ion Ratio Lower Upper

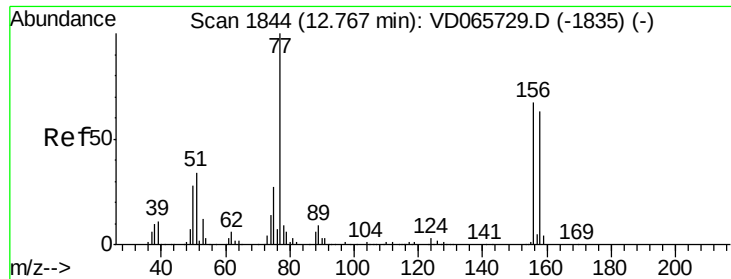
75 100

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: 48.610 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

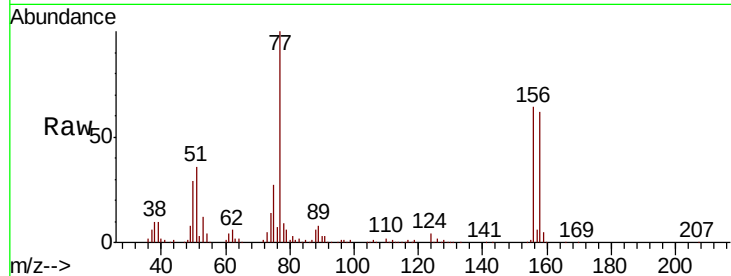
Tot Ion:156 Resp: 177861

Ion Ratio Lower Upper

156 100

77 168.5 84.9 254.6

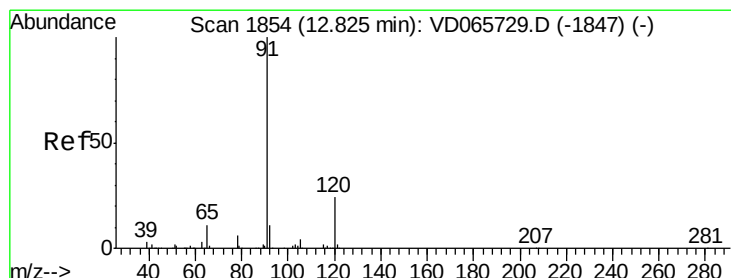
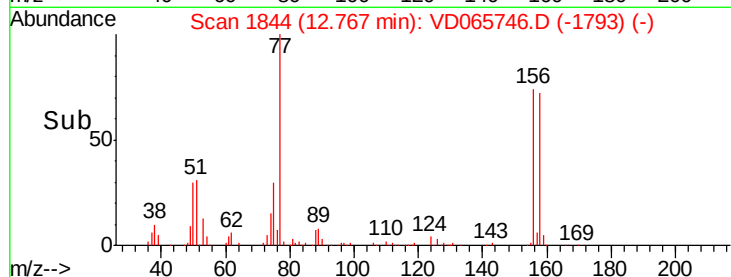
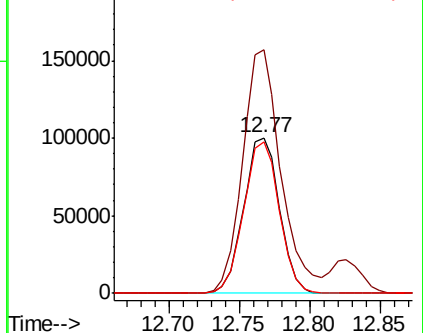
158 96.8 48.8 146.4



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: 49.571 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065746.D

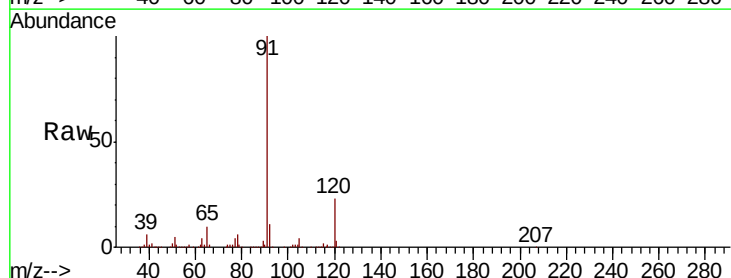
Acq: 15 May 2020 11:36

Tgt Ion: 91 Resp: 879008

Ion Ratio Lower Upper

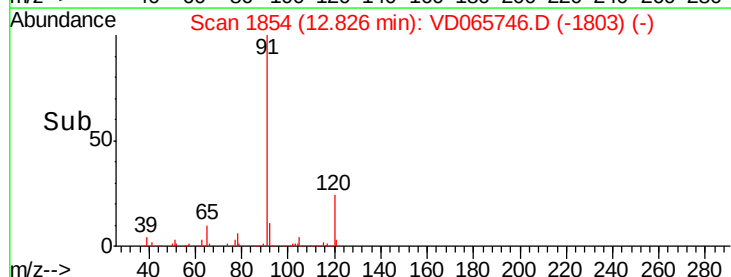
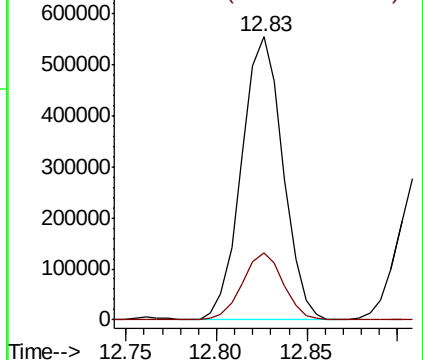
91 100

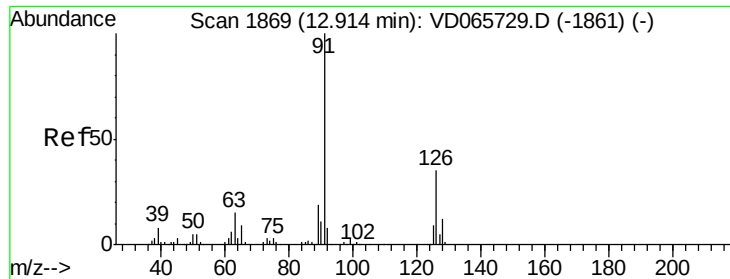
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

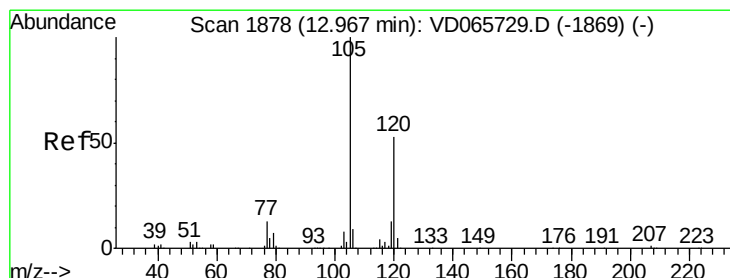
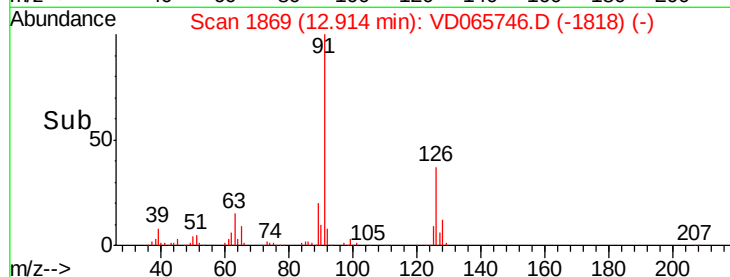
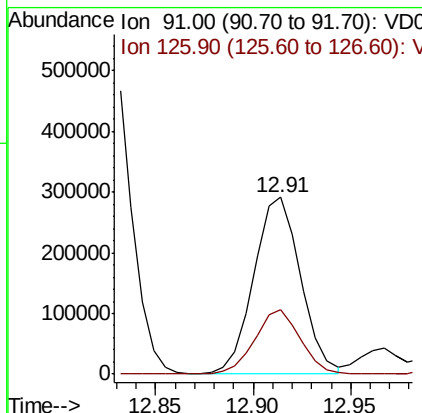
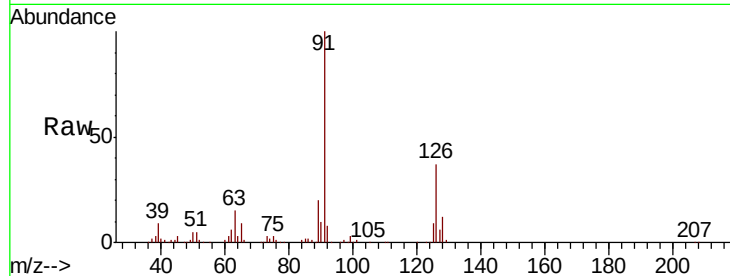




#79
 2-Chlorotoluene
 Concen: 49.230 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

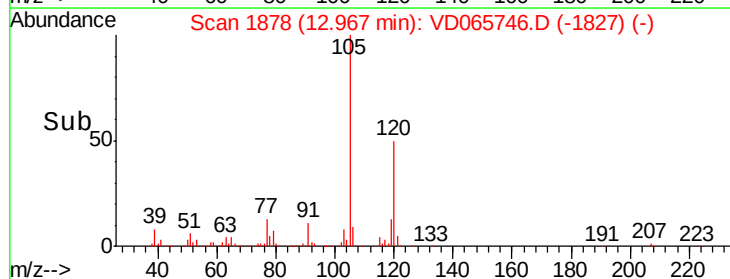
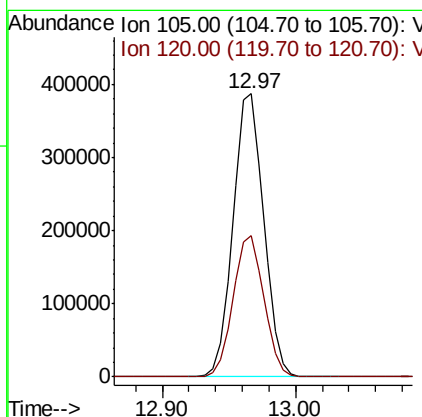
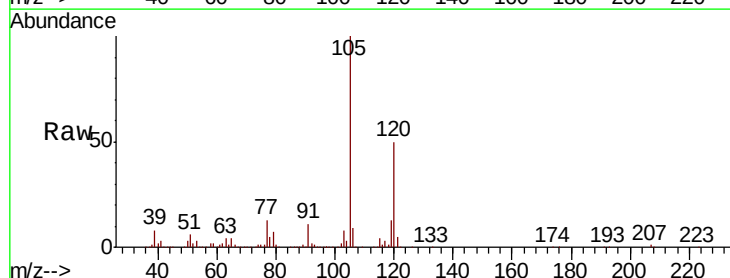
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

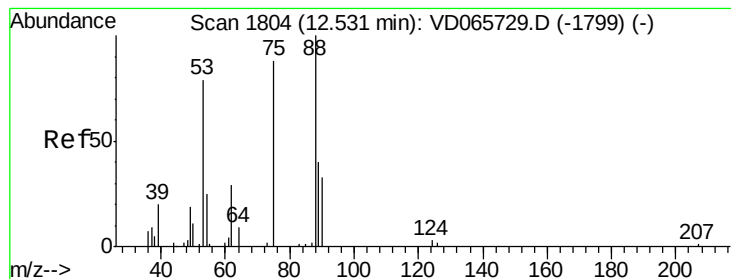
Tot Ion: 91 Resp: 483015
 Ion Ratio Lower Upper
 91 100
 126 35.6 18.1 54.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.381 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion: 105 Resp: 617641
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.652 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

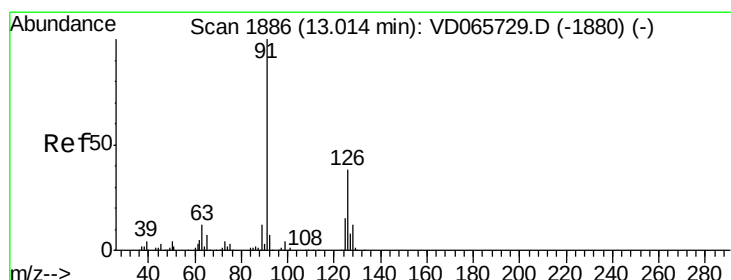
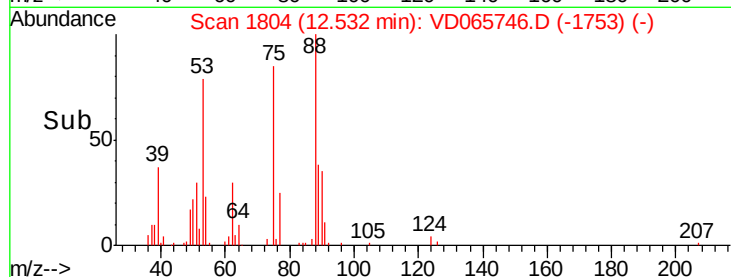
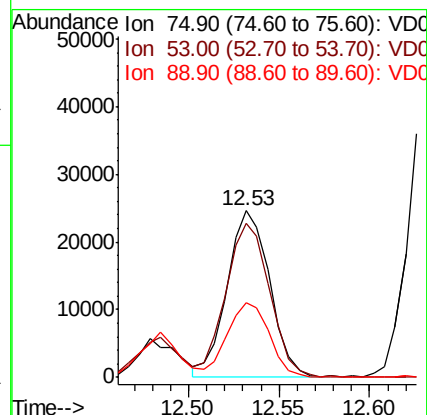
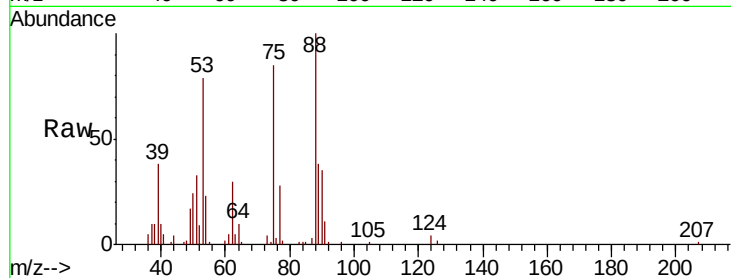
Tot Ion: 75 Resp: 40128

Ion Ratio Lower Upper

75 100

53 95.7 72.6 109.0

89 43.9 37.0 55.4



#82

4-Chlorotoluene

Concen: 49.605 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD065746.D

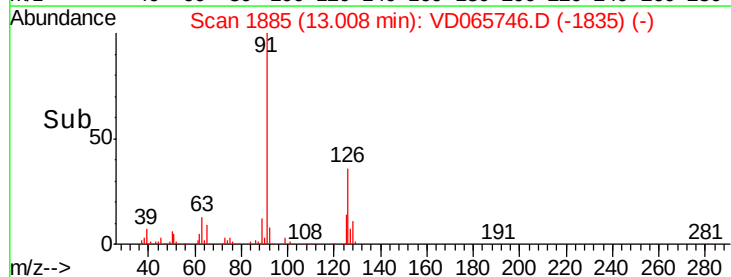
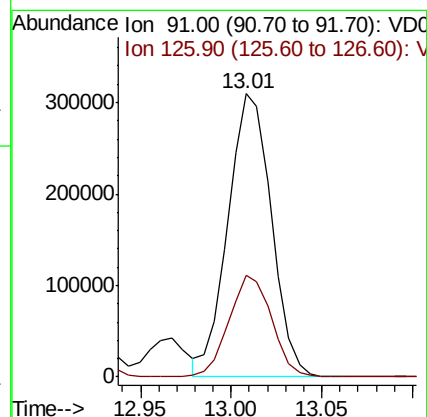
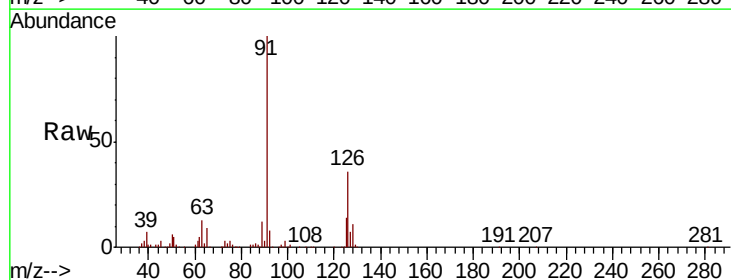
Acq: 15 May 2020 11:36

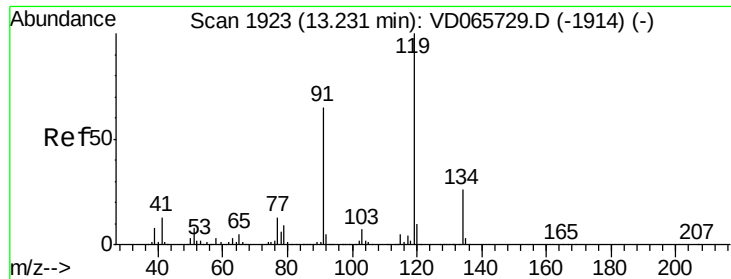
Tgt Ion: 91 Resp: 513110

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.3

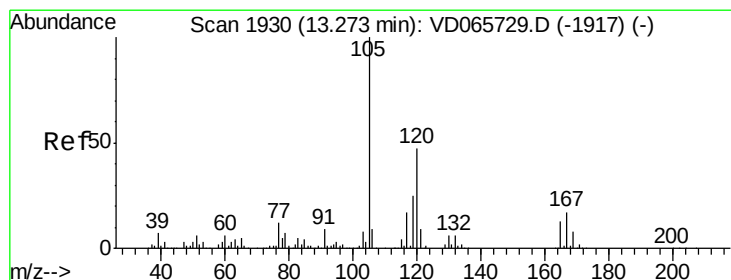
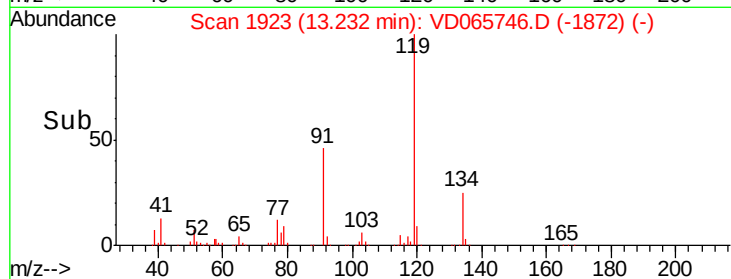
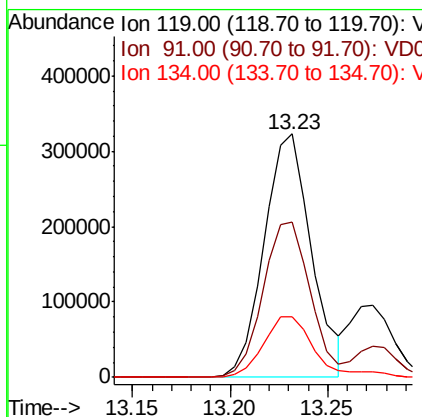
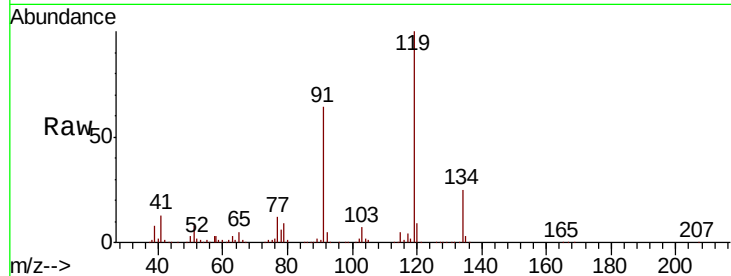




#83
 tert-Butylbenzene
 Concen: 48.891 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

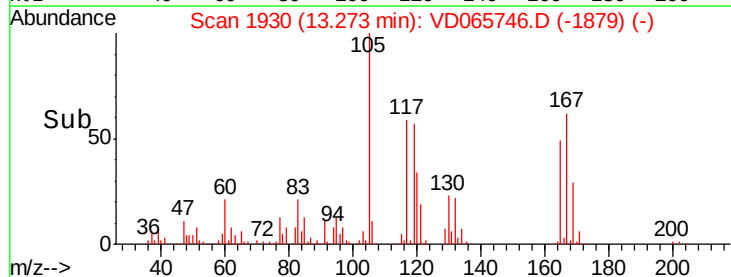
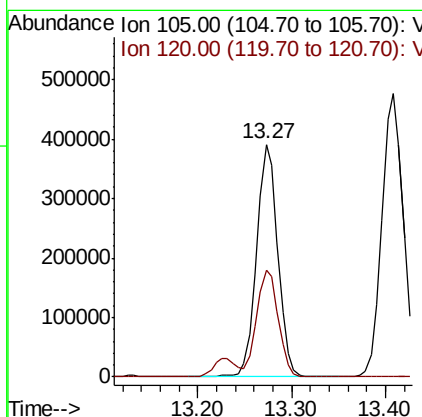
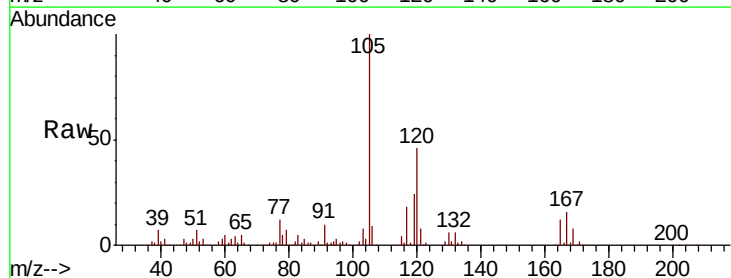
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

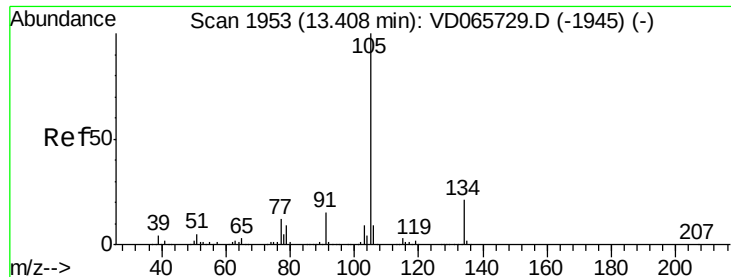
Tot Ion:119 Resp: 542248
 Ion Ratio Lower Upper
 119 100
 91 63.7 31.6 95.0
 134 27.3 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.412 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion:105 Resp: 609501
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.6 70.8





#85

sec-Butylbenzene

Concen: 49.462 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

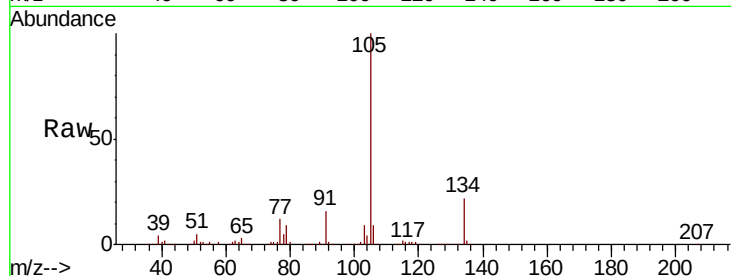
VSTDCCC050

Tot Ion:105 Resp: 746463

Ion Ratio Lower Upper

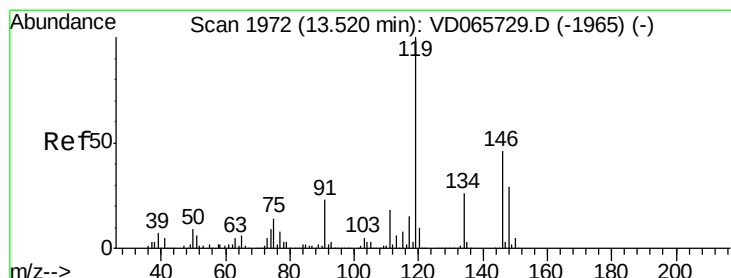
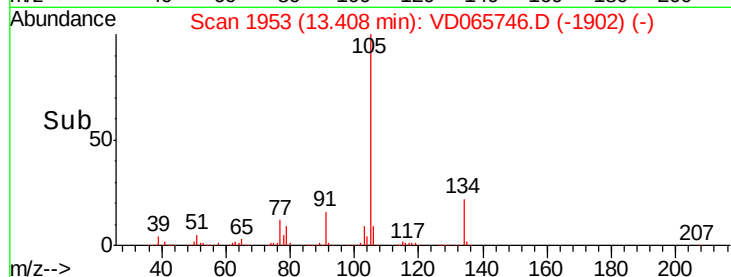
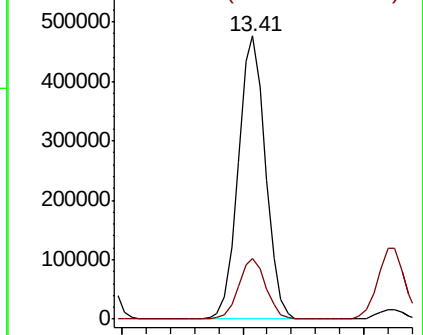
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.133 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

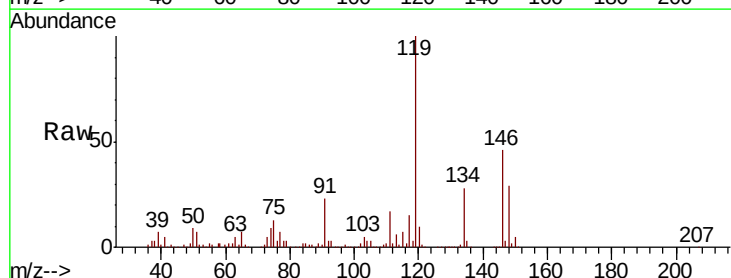
Tgt Ion:119 Resp: 681565

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

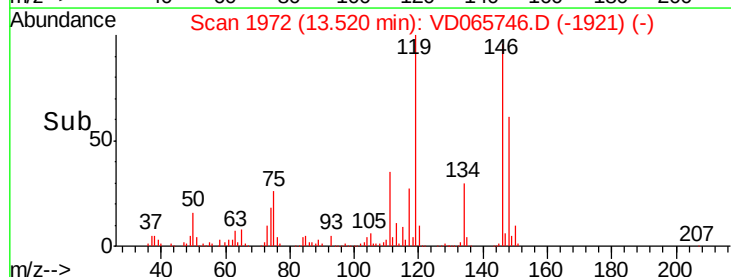
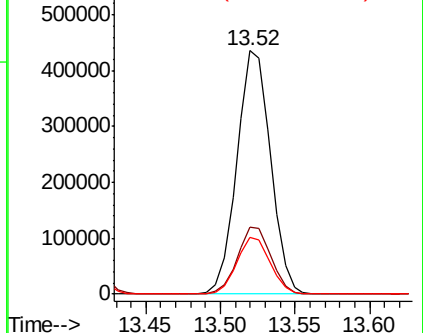
91 23.1 11.7 35.1

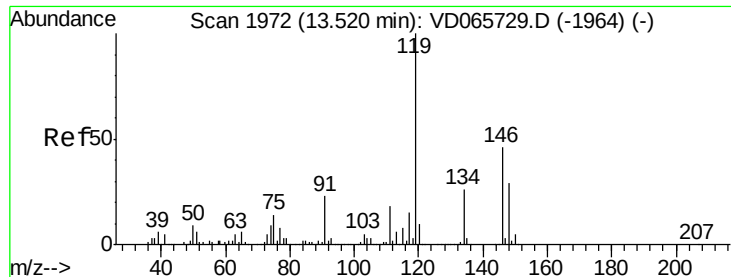


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

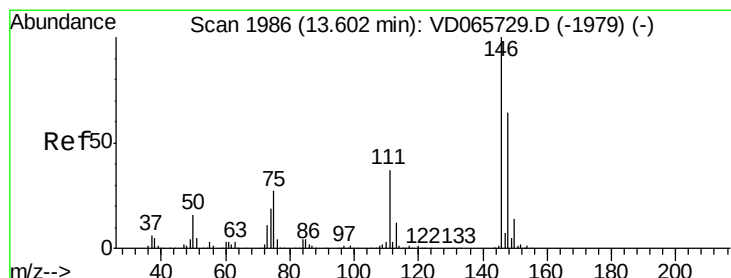
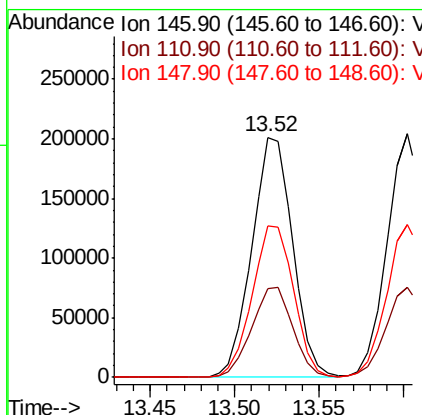
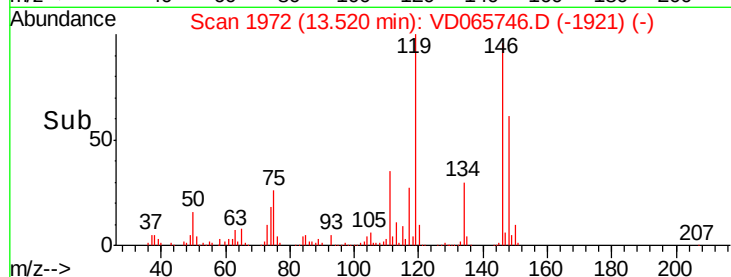
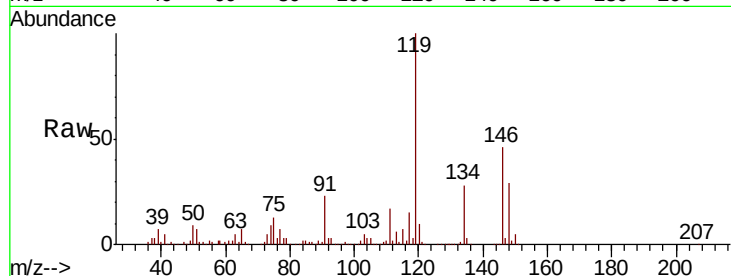




#87
 1,3-Dichlorobenzene
 Concen: 49.240 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

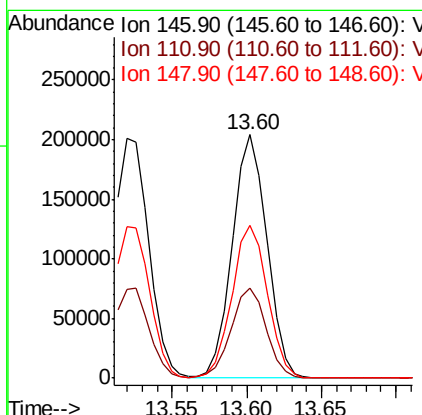
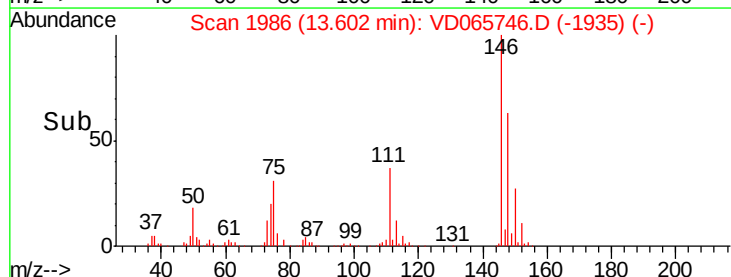
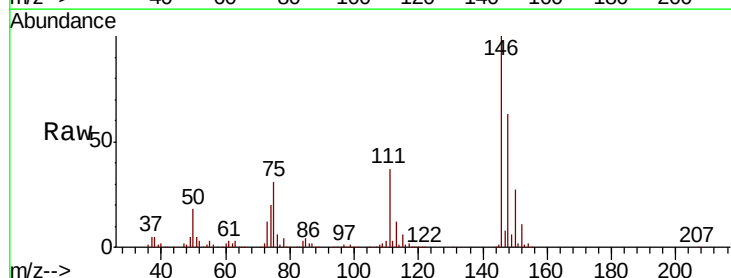
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

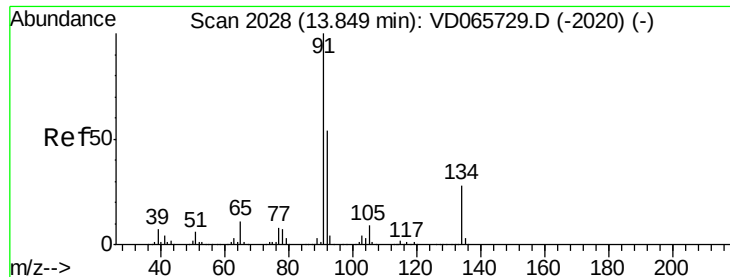
Tot Ion:146 Resp: 337917
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.417 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion:146 Resp: 330959
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.4 55.2
 148 64.2 31.6 94.7

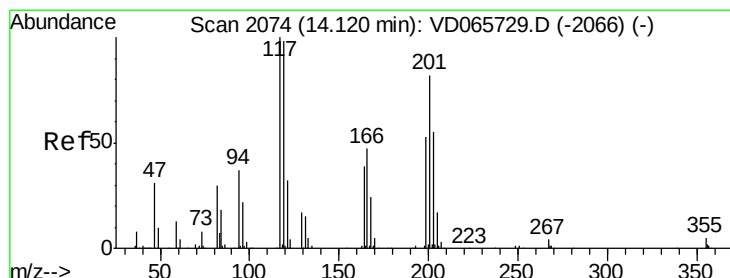
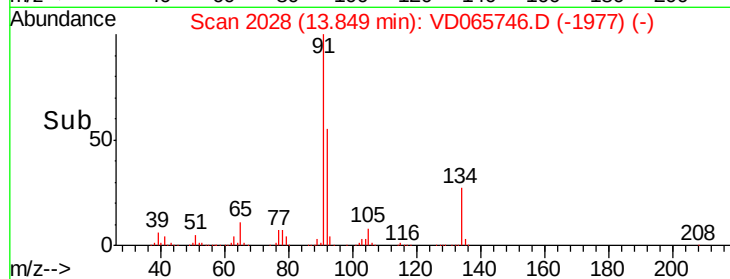
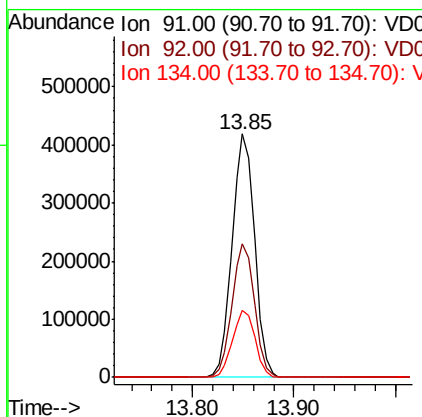
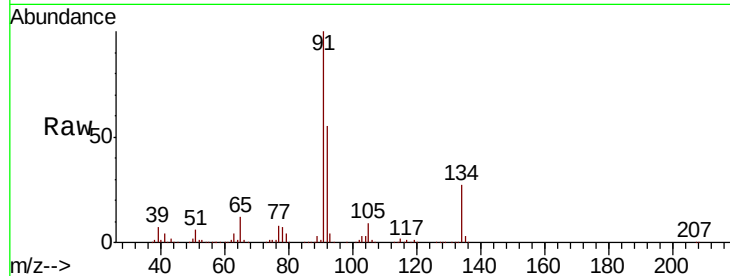




#89
n-Butylbenzene
Concen: 49.589 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

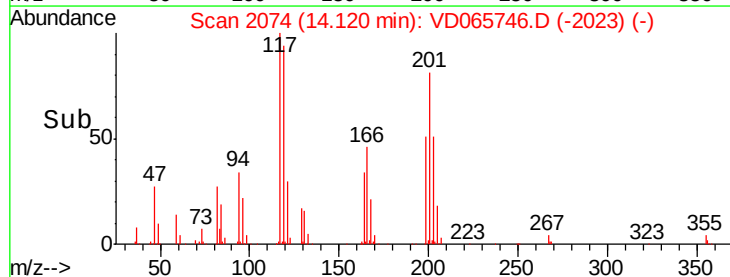
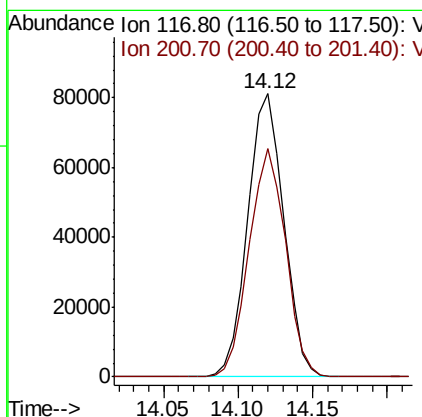
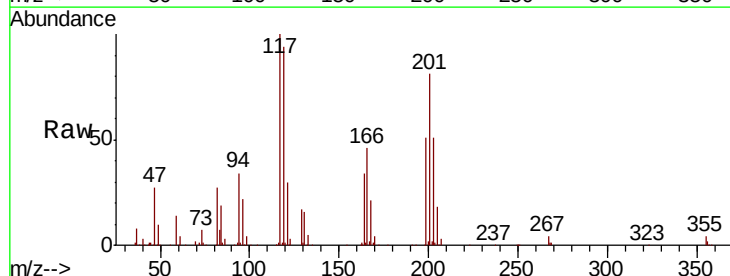
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

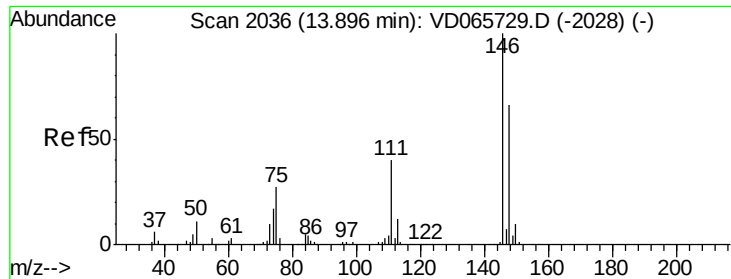
Tot Ion: 91 Resp: 643232
Ion Ratio Lower Upper
91 100
92 54.7 27.0 81.0
134 27.7 13.9 41.7



#90
Hexachloroethane
Concen: 49.968 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065746.D
Acq: 15 May 2020 11:36

Tgt Ion: 117 Resp: 135605
Ion Ratio Lower Upper
117 100
201 81.6 41.8 125.4

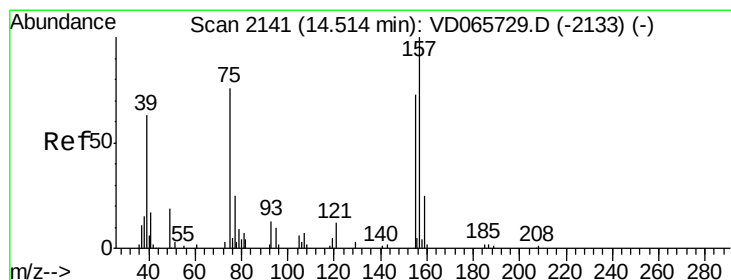
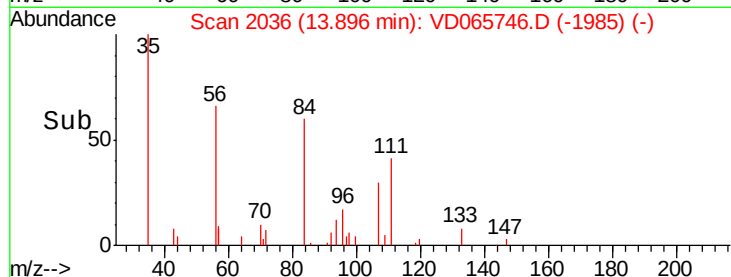
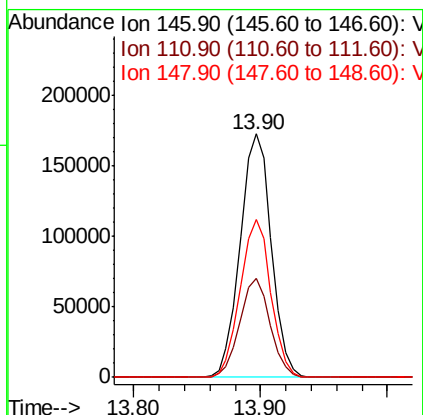
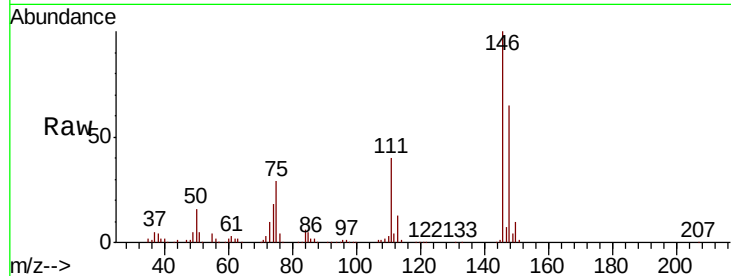




#91
 1,2-Dichlorobenzene
 Concen: 49.413 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

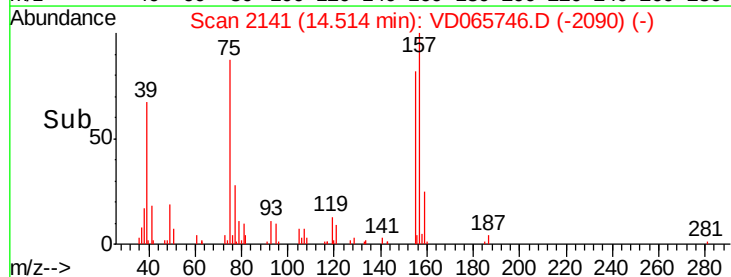
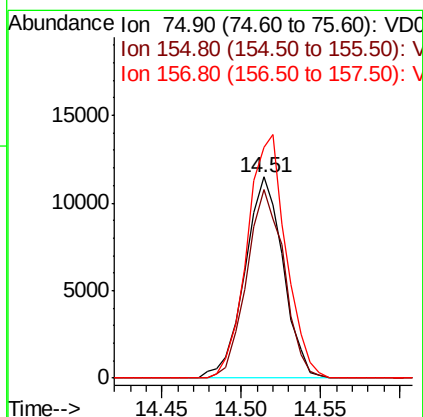
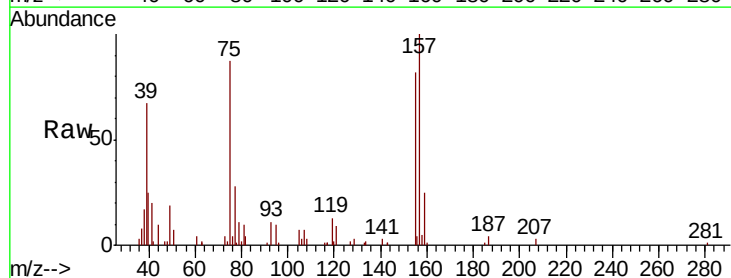
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

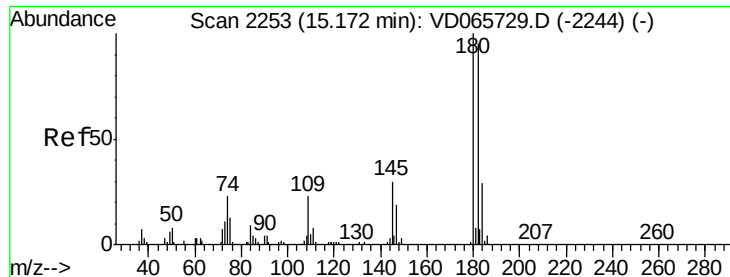
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	64.0	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.987 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	48.4	145.0
157	122.6	62.6	187.8

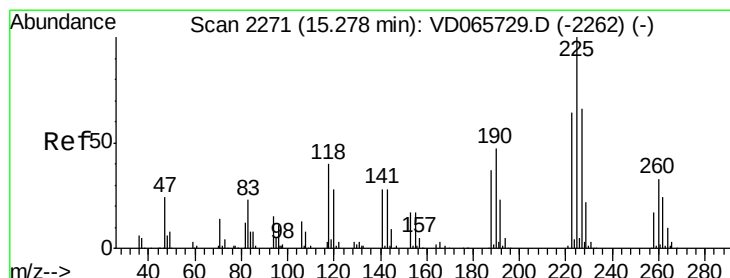
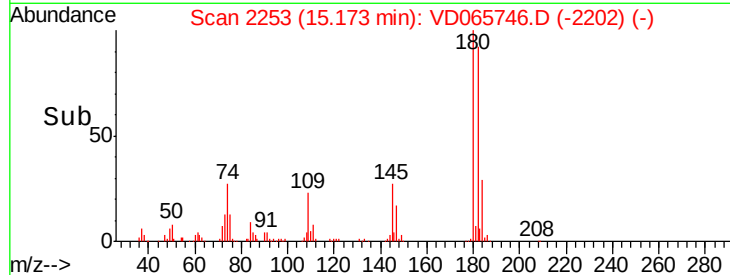
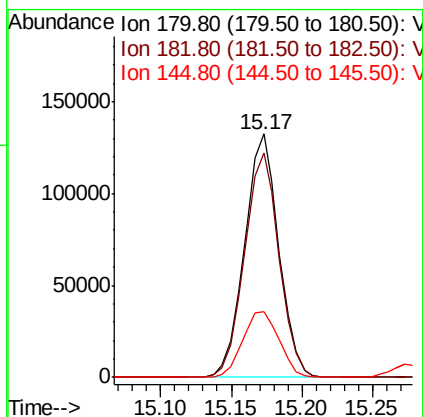
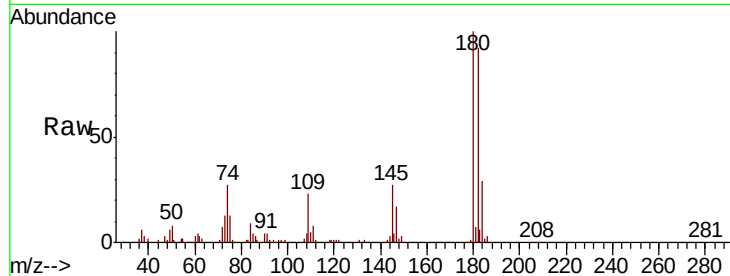




#93
 1,2,4-Trichlorobenzene
 Concen: 49.682 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

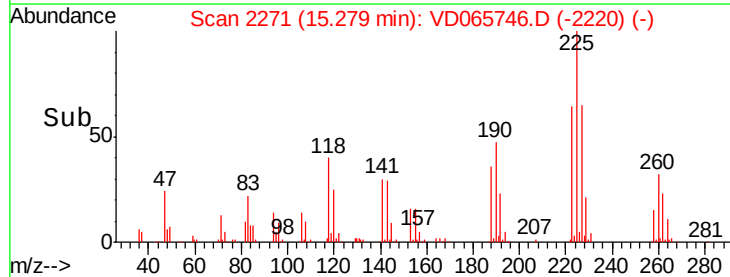
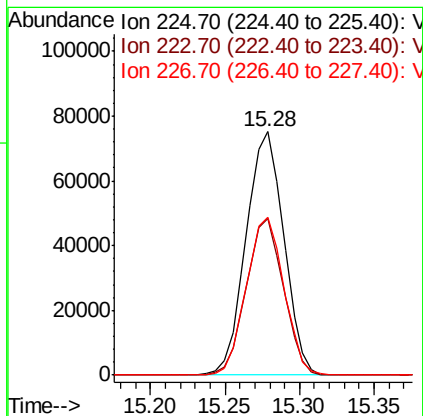
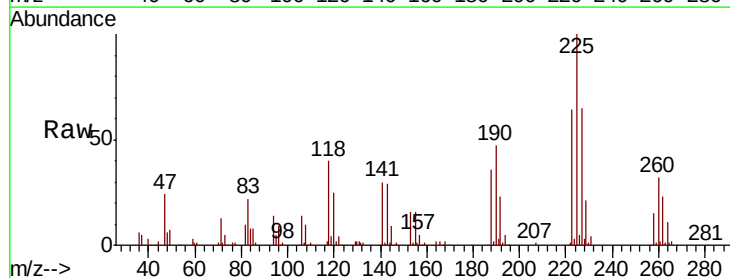
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

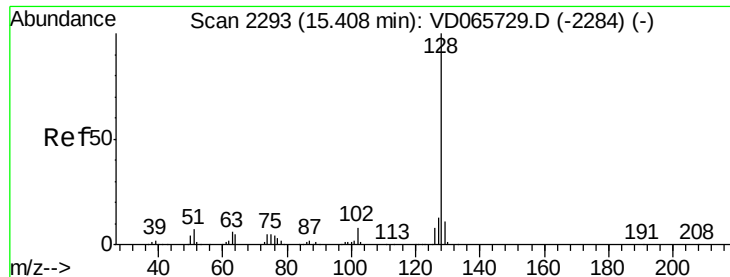
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.0	141.0
145	28.8	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 48.637 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065746.D
 Acq: 15 May 2020 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.4	94.2
227	64.5	32.2	96.6





#95

Naphthalene

Concen: 48.311 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Instrument :

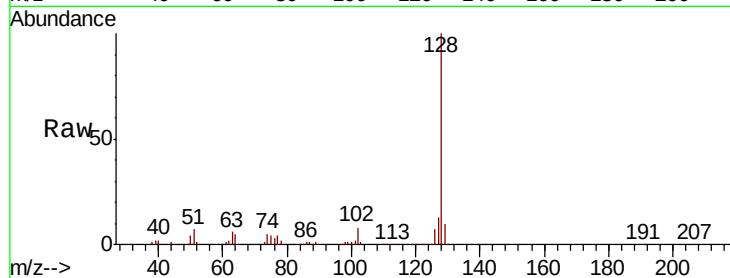
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 362844

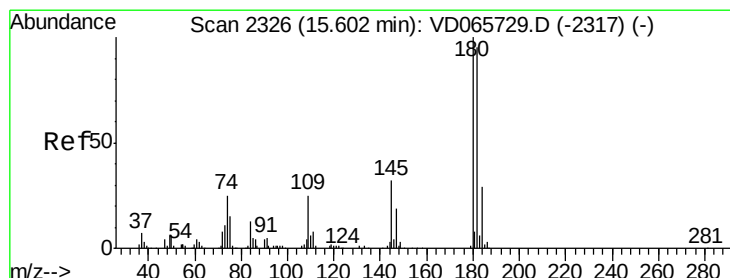
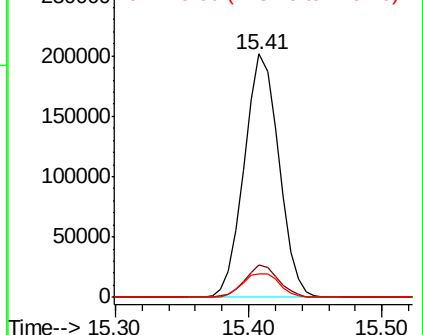
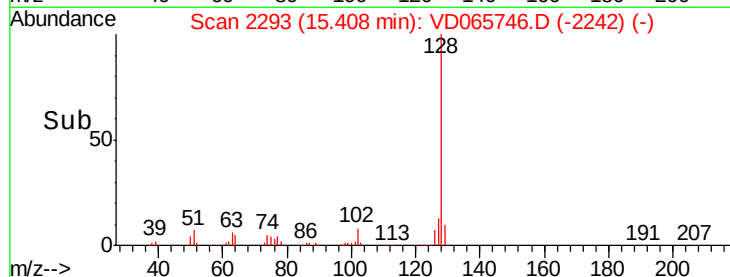
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.8	13.2



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: 48.064 ug/l

RT: 15.60 min Scan# 2326

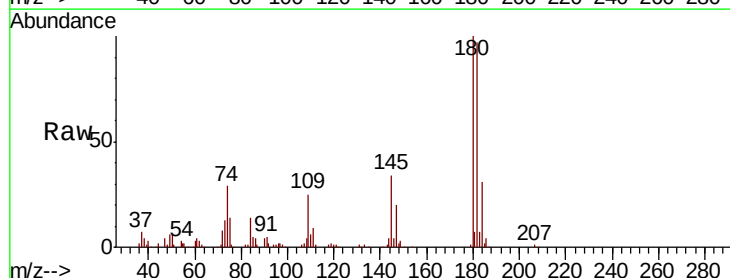
Delta R.T. 0.00 min

Lab File: VD065746.D

Acq: 15 May 2020 11:36

Tgt Ion:180 Resp: 185048

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	31.6	15.9	47.6



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

