

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042920\
 Data File : VD065682.D
 Acq On : 29 Apr 2020 14:59
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 30 07:17:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042920S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 30 07:01:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	673296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	935177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	938424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	542984	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	288735	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	7.92	113	321588	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.34	98	1240211	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
62) 4-Bromofluorobenzene	12.64	95	404949	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	125981	35.403	ug/l	100
3) Chloromethane	2.21	50	274382	39.869	ug/l	100
4) Vinyl Chloride	2.35	62	478207	43.210	ug/l	100
5) Bromomethane	2.77	94	415922	40.164	ug/l	100
6) Chloroethane	2.92	64	347870	42.694	ug/l	100
7) Trichlorofluoromethane	3.27	101	957125	43.509	ug/l	100
8) Diethyl Ether	3.70	74	277122	44.759	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	290664	27.413	ug/l	100
10) Methyl Iodide	4.29	142	279290	61.856	ug/l	100
11) Tert butyl alcohol	5.26	59	62208	281.012	ug/l	100
12) 1,1-Dichloroethene	4.05	96	263994	25.358	ug/l	100
13) Acrolein	3.92	56	157356	216.048	ug/l	100
14) Allyl chloride	4.71	41	264569	50.681	ug/l	100
15) Acrylonitrile	5.44	53	221733	253.895	ug/l	100
16) Acetone	4.16	43	187897	191.117	ug/l	100
17) Carbon Disulfide	4.39	76	790347	46.155	ug/l	100
18) Methyl Acetate	4.72	43	100007	46.204	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	535765	55.537	ug/l	100
20) Methylene Chloride	4.96	84	294304	41.195	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	318042	50.009	ug/l	100
22) Diisopropyl ether	6.37	45	632703	56.219	ug/l	100
23) Vinyl Acetate	6.31	43	1731180	337.664	ug/l	100
24) 1,1-Dichloroethane	6.26	63	468070	46.855	ug/l	100
25) 2-Butanone	7.23	43	249932	251.242	ug/l	100
26) 2,2-Dichloropropane	7.21	77	462226	47.571	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	337265	51.273	ug/l	100
28) Bromochloromethane	7.55	49	168773	45.501	ug/l	100
29) Tetrahydrofuran	7.57	42	156510	271.840	ug/l	100
30) Chloroform	7.71	83	580872	48.064	ug/l	100
31) Cyclohexane	7.98	56	398442	47.095	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	540461	48.384	ug/l	100
36) 1,1-Dichloropropene	8.11	75	426025	51.569	ug/l	100
37) Ethyl Acetate	7.30	43	120160	54.032	ug/l	100
38) Carbon Tetrachloride	8.10	117	512590	49.112	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	509204	58.154	ug/l	100
40) Benzene	8.36	78	1208471	51.740	ug/l	100
41) Methacrylonitrile	7.53	41	51287	37.127	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	340300	50.408	ug/l	100
43) Isopropyl Acetate	8.46	43	223854	53.573	ug/l	100
44) Trichloroethene	9.11	130	368507	51.065	ug/l	100
45) 1,2-Dichloropropane	9.39	63	272362	51.583	ug/l	100
46) Dibromomethane	9.48	93	175780	51.416	ug/l	100
47) Bromodichloromethane	9.67	83	456373	50.497	ug/l	100
48) Methyl methacrylate	9.46	41	100766	55.077	ug/l	100
49) 1,4-Dioxane	9.47	88	37399	1119.215	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	600354	283.499	ug/l	100
52) Toluene	10.41	92	867650	56.753	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	388704	55.568	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	462167	55.260	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	242147	50.952	ug/l	100
56) Ethyl methacrylate	10.67	69	237509	65.816	ug/l	100
57) 1,3-Dichloropropane	10.95	76	379983	53.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	542369	297.149	ug/l	100
59) 2-Hexanone	10.99	43	409756	304.702	ug/l	100
60) Dibromochloromethane	11.14	129	344300	54.430	ug/l	100
61) 1,2-Dibromoethane	11.25	107	235523	53.802	ug/l	100
64) Tetrachloroethene	10.88	164	327852	50.326	ug/l	100
65) Chlorobenzene	11.67	112	942997	50.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	365852	51.936	ug/l	100
67) Ethyl Benzene	11.75	91	1642309	56.646	ug/l	100
68) m/p-Xylenes	11.86	106	1345874	116.081	ug/l	100
69) o-Xylene	12.19	106	580720	59.484	ug/l	100
70) Styrene	12.20	104	1058546	60.873	ug/l	100
71) Bromoform	12.37	173	206450	52.483	ug/l #	100
73) Isopropylbenzene	12.48	105	1641273	58.064	ug/l	100
74) N-amyl acetate	12.30	43	210663	53.933	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	262692	46.607	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	198727m	32.418	ug/l	
77) Bromobenzene	12.77	156	413218	52.113	ug/l	100
78) n-propylbenzene	12.83	91	1952365	55.855	ug/l	100
79) 2-Chlorotoluene	12.91	91	1047827	52.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1409424	57.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	81437	53.116	ug/l	100
82) 4-Chlorotoluene	13.01	91	1136337	53.035	ug/l	100
83) tert-Butylbenzene	13.23	119	1188555	58.450	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	1417953	58.251	ug/l	100
85) sec-Butylbenzene	13.41	105	1673683	56.491	ug/l	100
86) p-Isopropyltoluene	13.53	119	1613351	59.048	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	843861	52.029	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	832528	49.450	ug/l	100
89) n-Butylbenzene	13.85	91	1394090	56.489	ug/l	100
90) Hexachloroethane	14.12	117	319384	47.131	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	727072	51.971	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	37499	44.958	ug/l	100

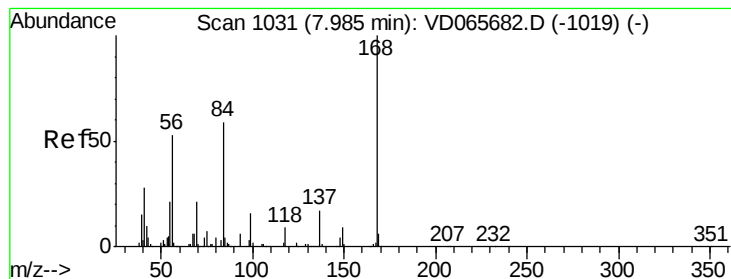
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	448446	56.242	ug/l	100
94) Hexachlorobutadiene	15.28	225	295801	49.912	ug/l	100
95) Naphthalene	15.41	128	704709	62.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	387874	54.371	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

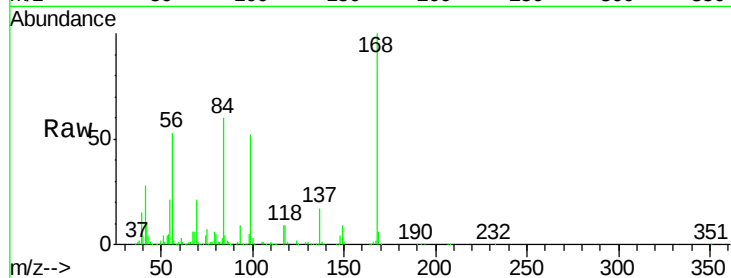
VSTDICCC050

Tot Ion:168 Resp: 673296

Ion Ratio Lower Upper

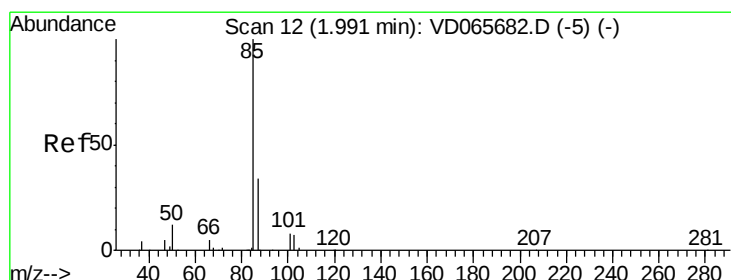
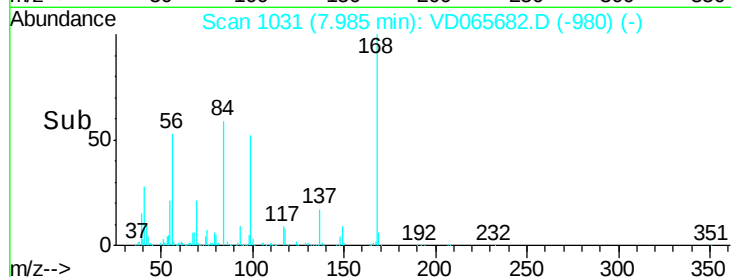
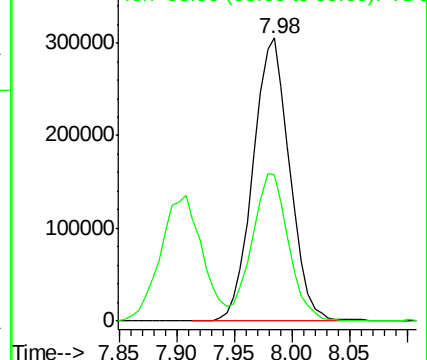
168 100

99 51.3 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 35.403 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065682.D

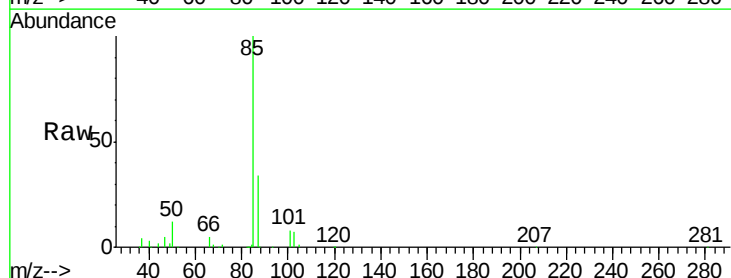
Acq: 29 Apr 2020 14:59

Tgt Ion: 85 Resp: 125981

Ion Ratio Lower Upper

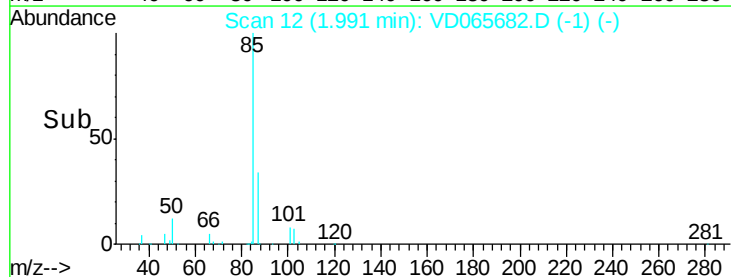
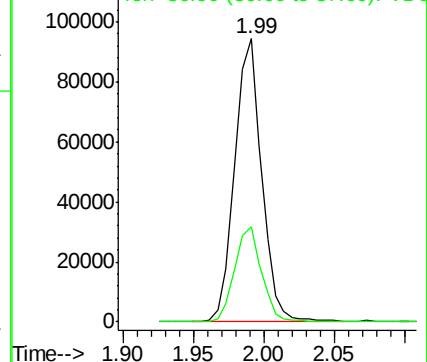
85 100

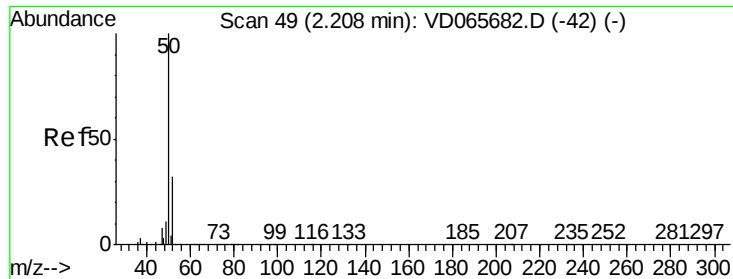
87 33.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

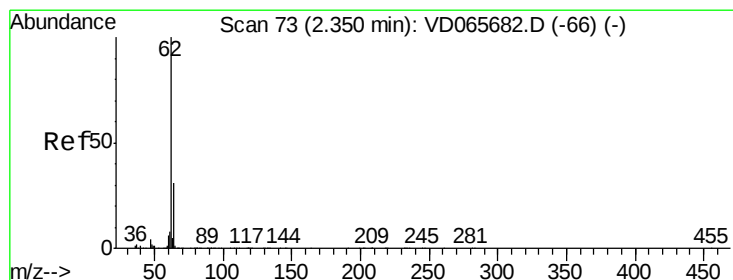
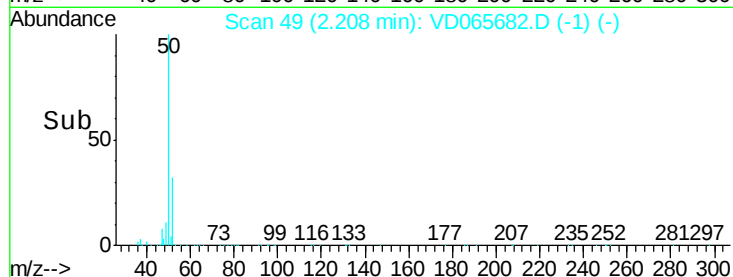
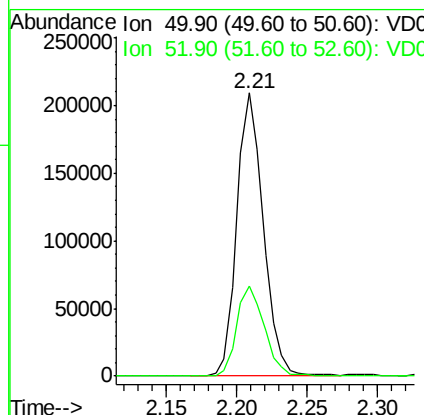
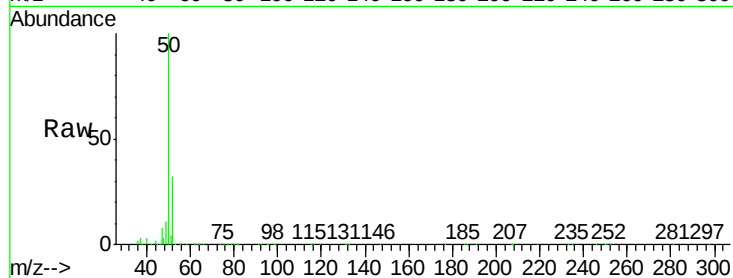




#3
Chloromethane
Concen: 39.869 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

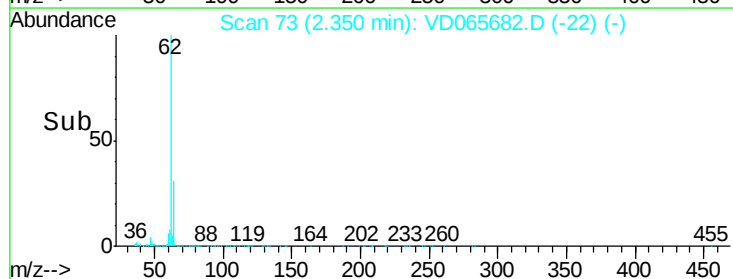
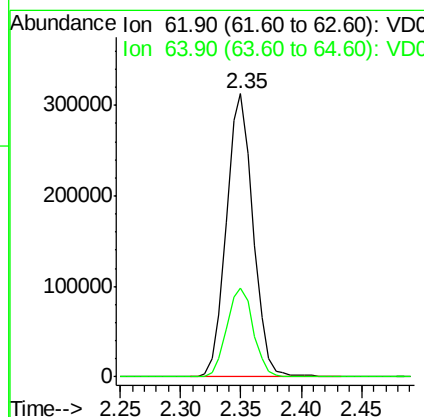
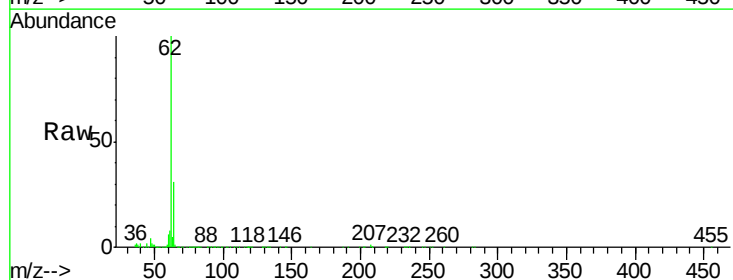
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

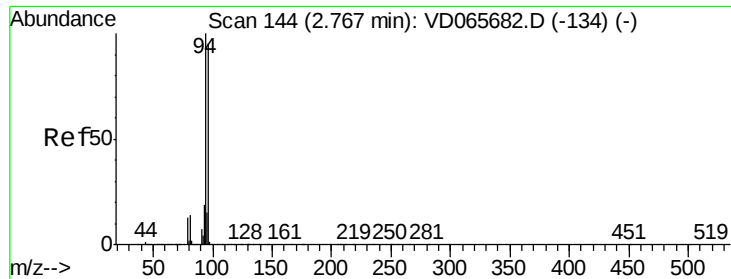
Tot Ion: 50 Resp: 274382
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0



#4
Vinyl Chloride
Concen: 43.210 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 62 Resp: 478207
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5

Bromomethane

Concen: 40.164 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

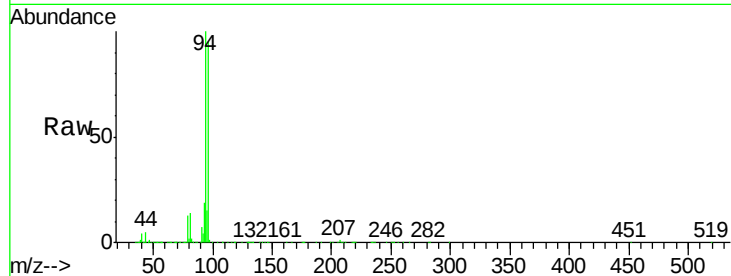
VSTDICCC050

Tot Ion: 94 Resp: 415922

Ion Ratio Lower Upper

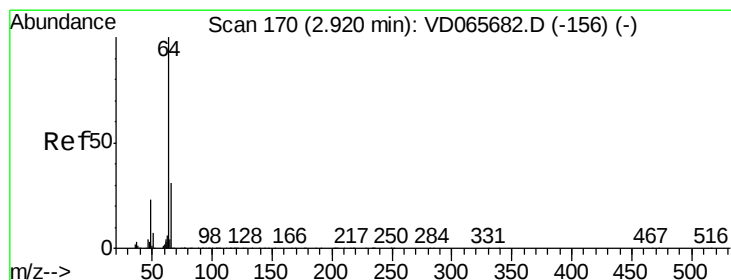
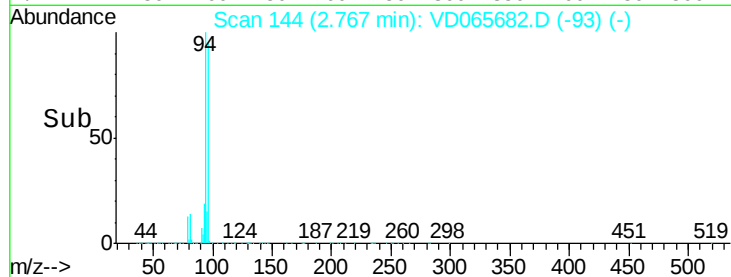
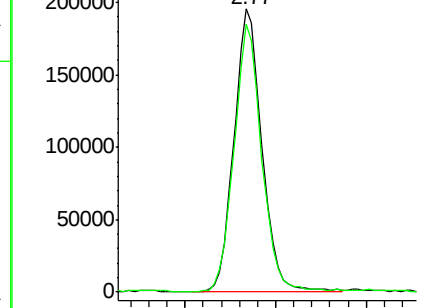
94 100

96 94.8 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 42.694 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065682.D

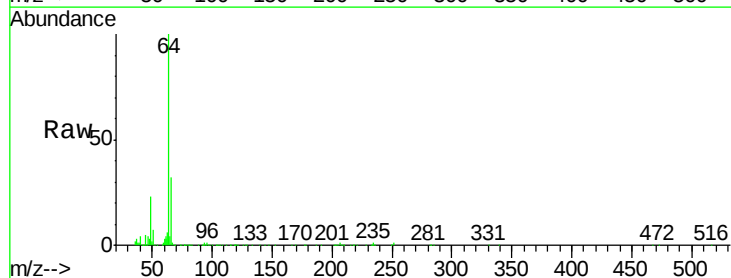
Acq: 29 Apr 2020 14:59

Tgt Ion: 64 Resp: 347870

Ion Ratio Lower Upper

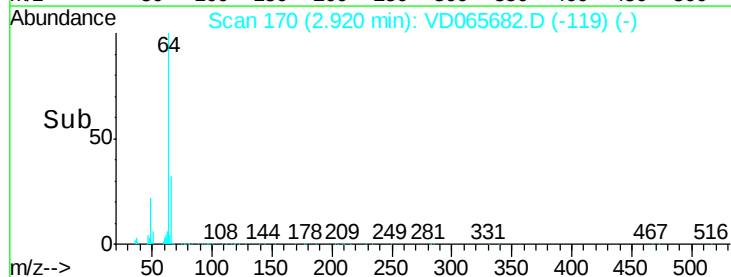
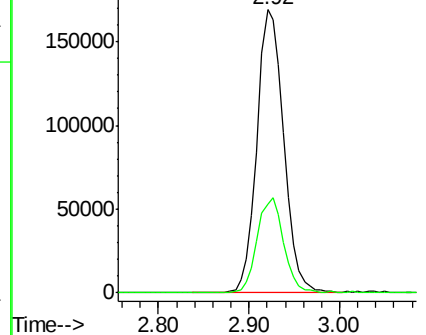
64 100

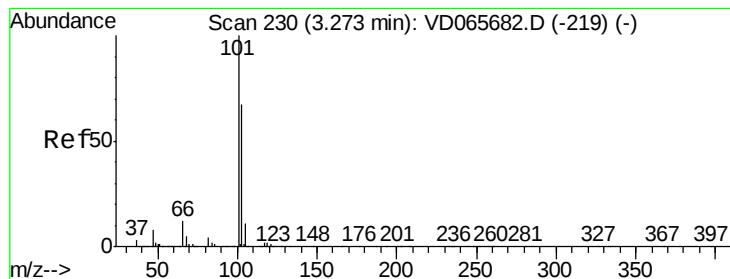
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



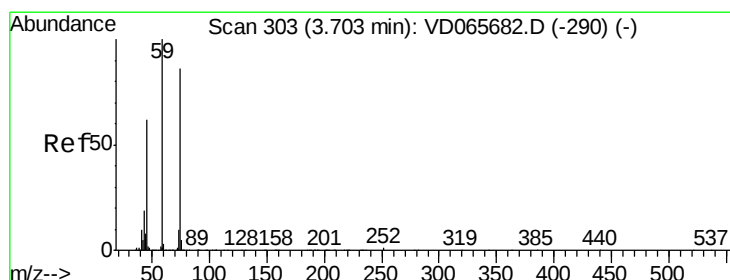
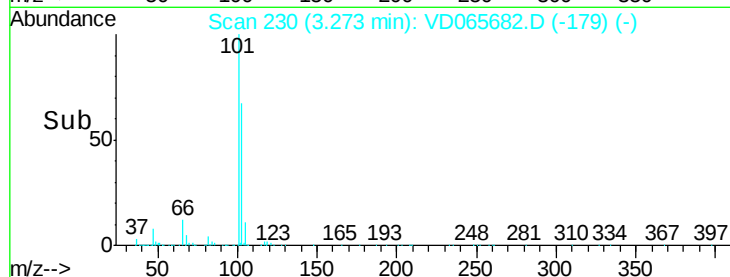
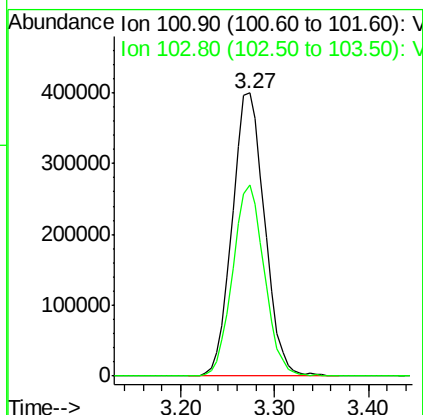
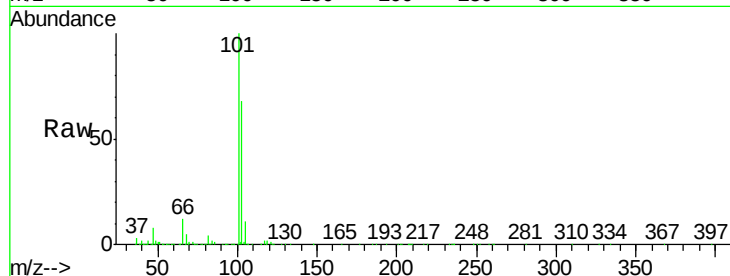


#7

Trichlorofluoromethane
 Concen: 43.509 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

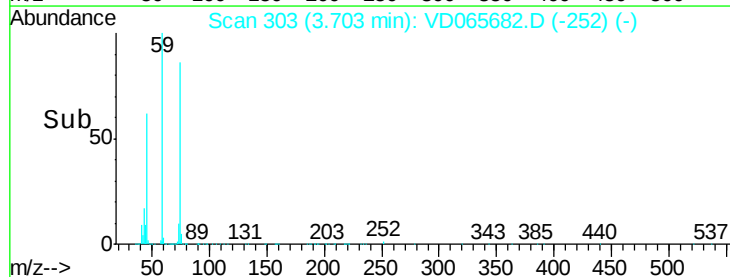
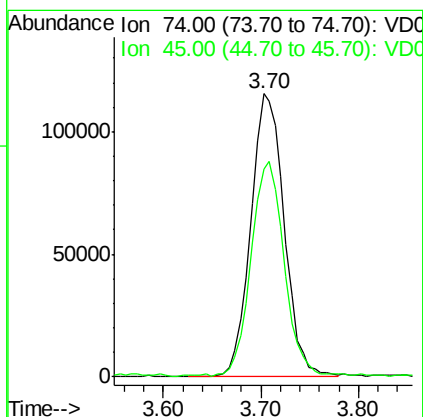
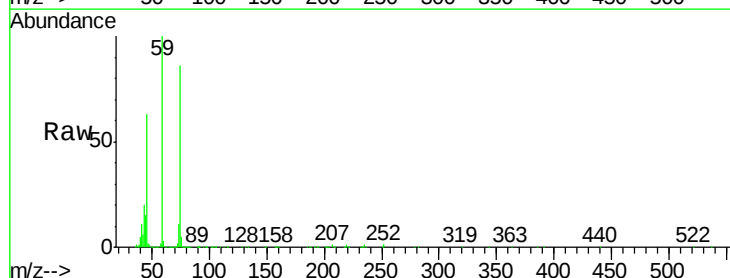
Tot Ion:101 Resp: 957125
 Ion Ratio Lower Upper
 101 100
 103 67.4 53.9 80.9

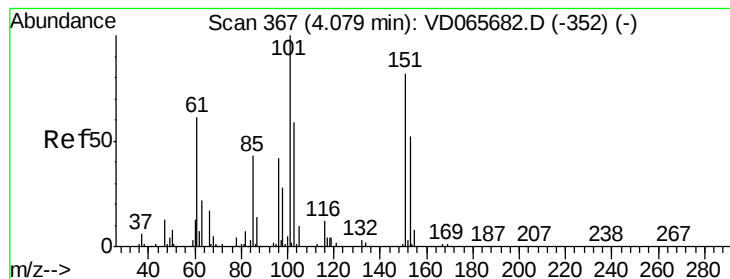


#8

Diethyl Ether
 Concen: 44.759 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion: 74 Resp: 277122
 Ion Ratio Lower Upper
 74 100
 45 75.9 38.0 113.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 27.413 ug/l

RT: 4.08 min Scan# 367

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

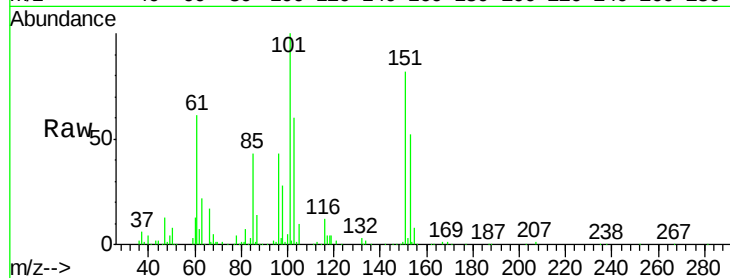
Tot Ion:101 Resp: 290664

Ion Ratio Lower Upper

101 100

85 44.3 35.4 53.2

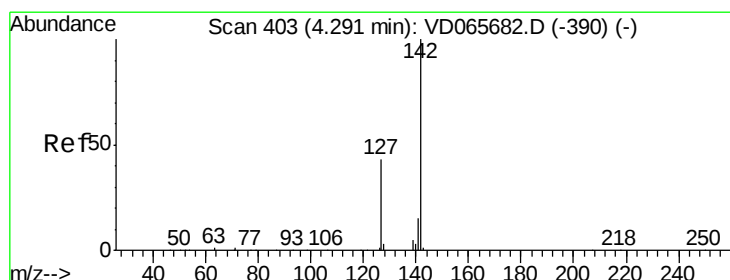
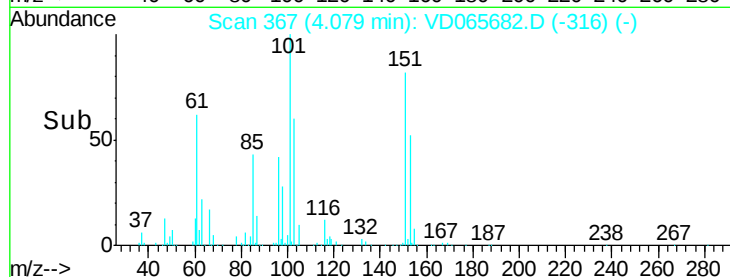
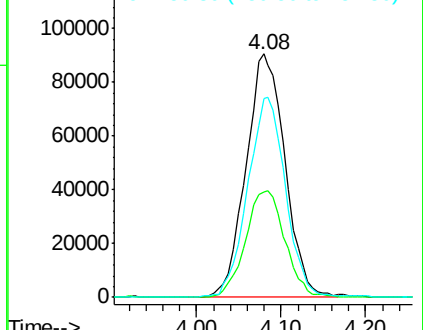
151 80.1 64.1 96.1



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: 61.856 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

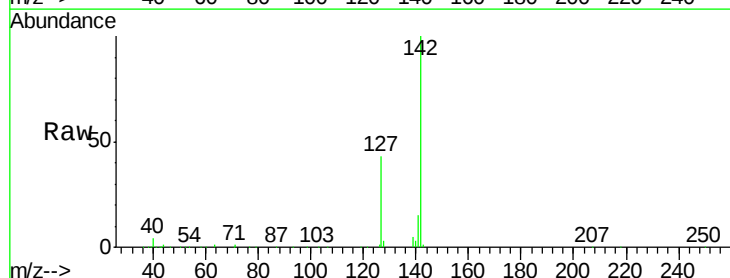
Tgt Ion:142 Resp: 279290

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

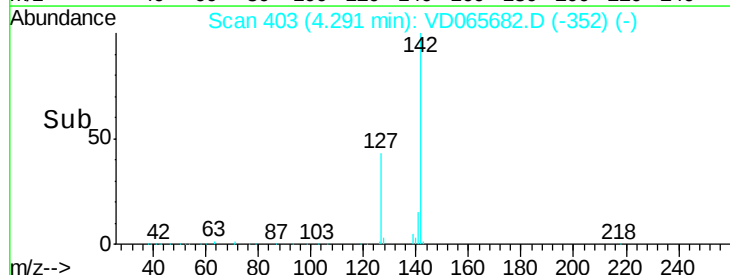
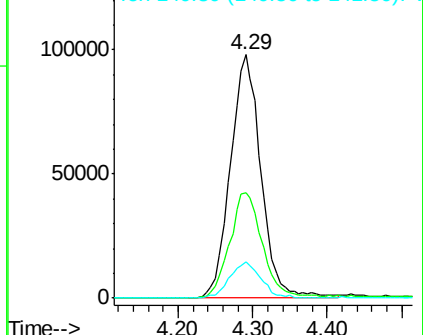
141 15.2 12.2 18.2

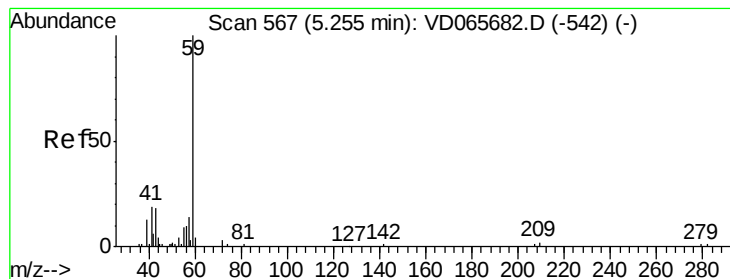


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



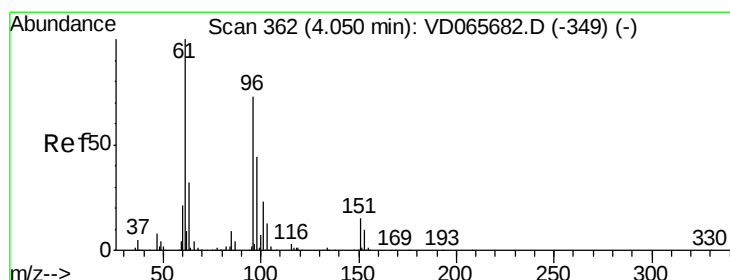
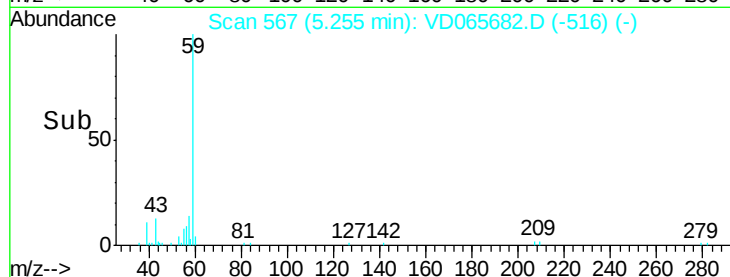
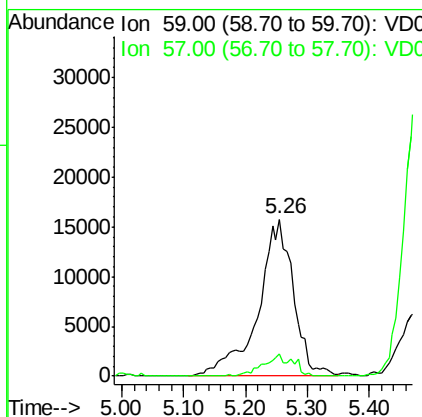
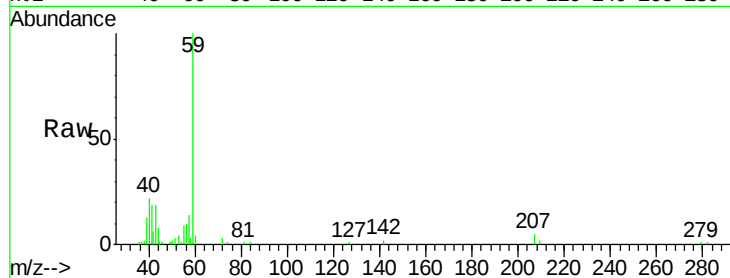


#11

Tert butyl alcohol
Concen: 281.012 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

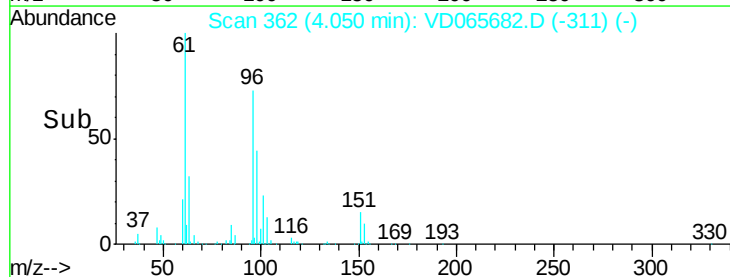
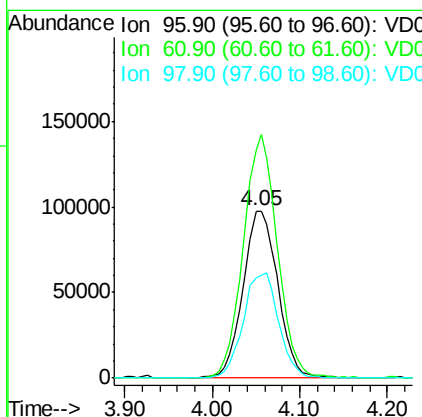
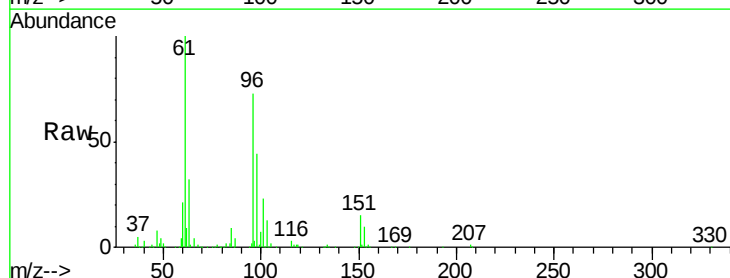
Tot Ion: 59 Resp: 62208
Ion Ratio Lower Upper
59 100
57 8.5 6.8 10.2

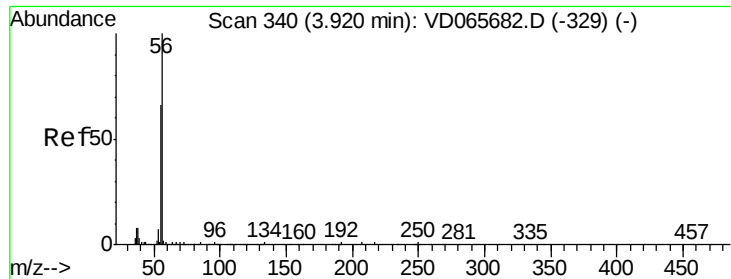


#12

1,1-Dichloroethene
Concen: 25.358 ug/l
RT: 4.05 min Scan# 362
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 96 Resp: 263994
Ion Ratio Lower Upper
96 100
61 136.1 108.9 163.3
98 59.8 47.8 71.8





#13

Acrolein

Concen: 216.048 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

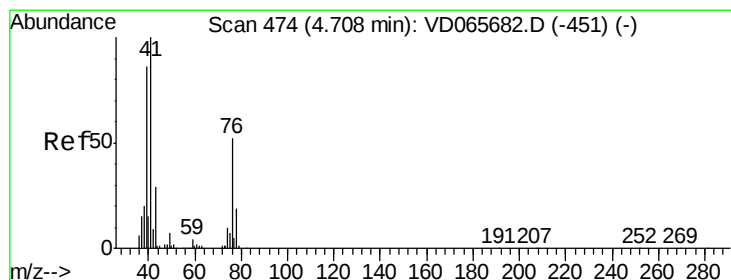
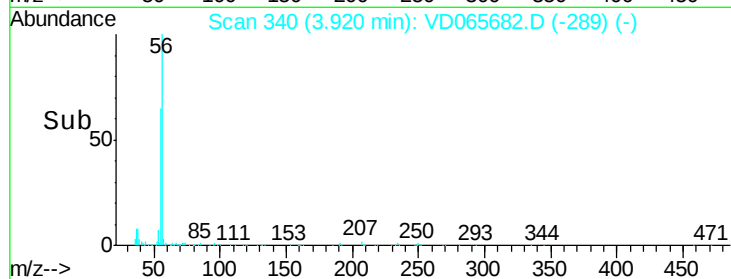
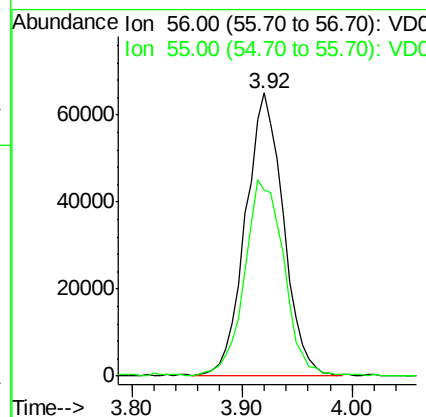
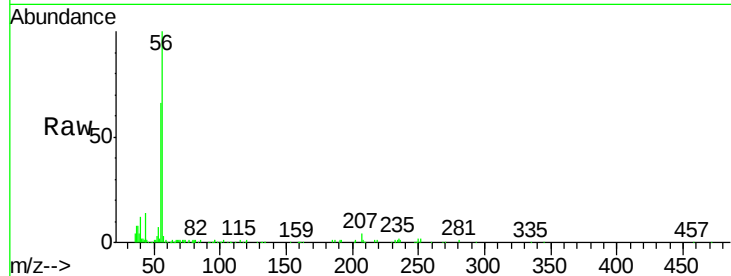
VSTDICCC050

Tot Ion: 56 Resp: 157356

Ion Ratio Lower Upper

56 100

55 72.1 57.7 86.5



#14

Allyl chloride

Concen: 50.681 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

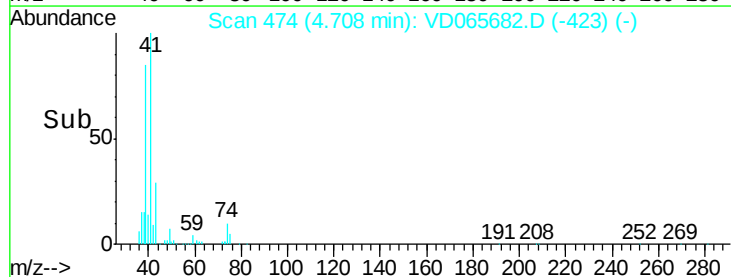
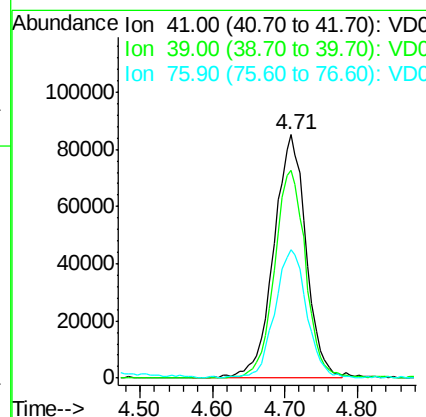
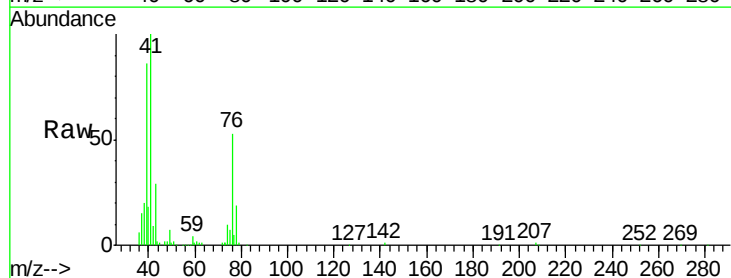
Tgt Ion: 41 Resp: 264569

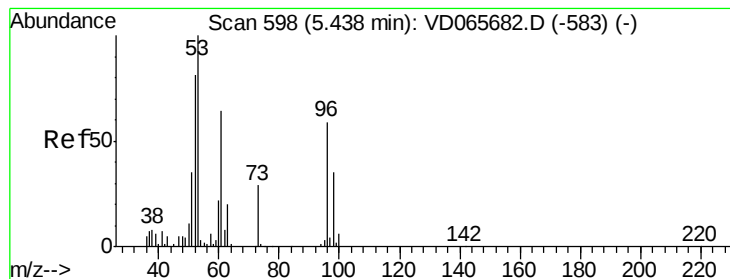
Ion Ratio Lower Upper

41 100

39 82.8 66.2 99.4

76 51.6 41.3 61.9





#15

Acrylonitrile

Concen: 253.895 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

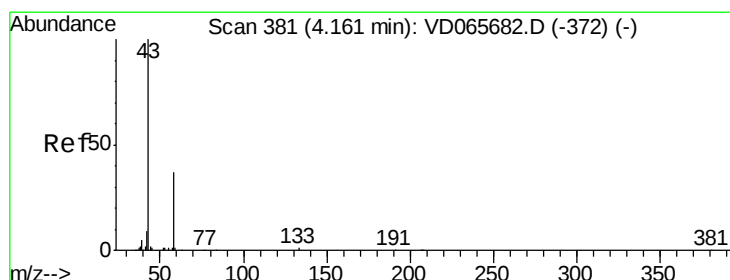
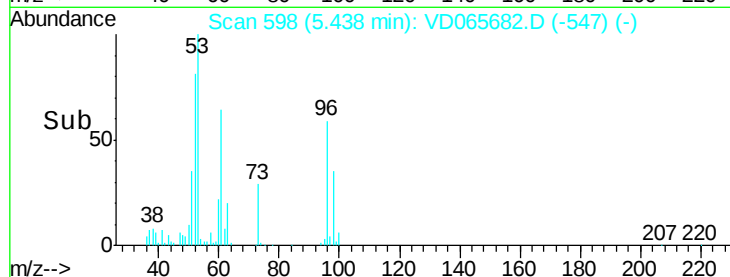
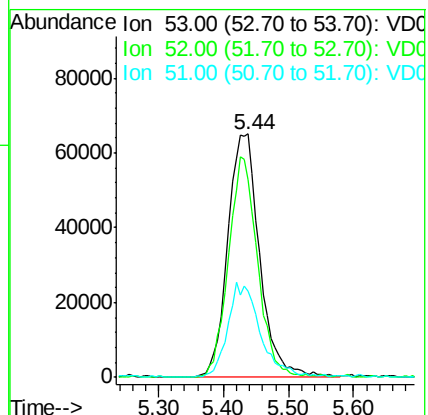
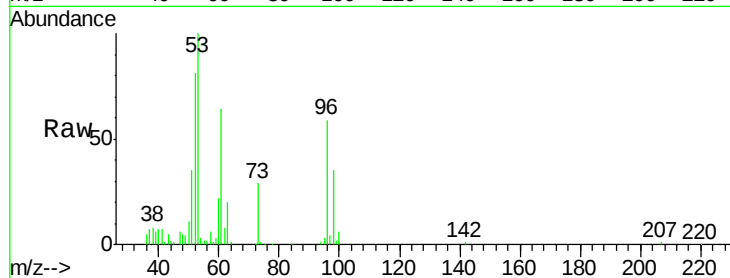
Tot Ion: 53 Resp: 221733

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

51 39.4 31.5 47.3



#16

Acetone

Concen: 191.117 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065682.D

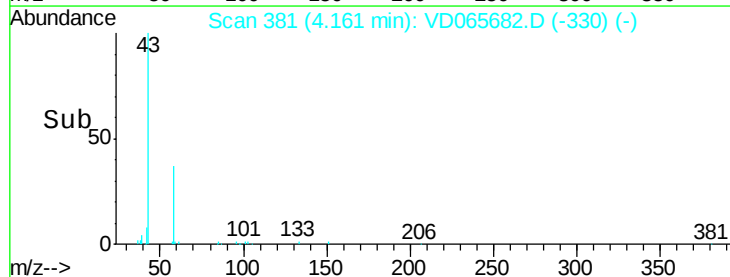
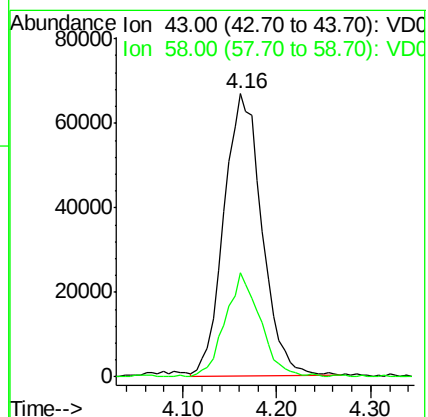
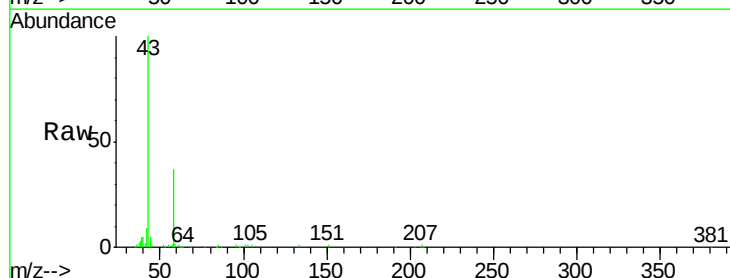
Acq: 29 Apr 2020 14:59

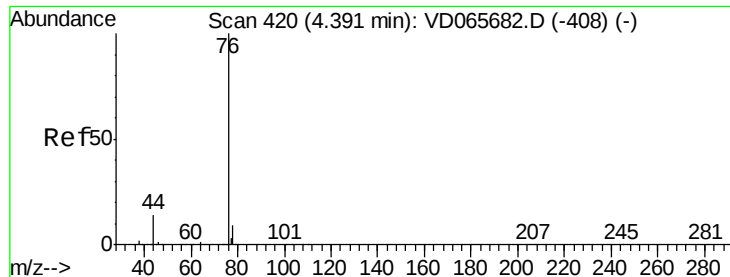
Tgt Ion: 43 Resp: 187897

Ion Ratio Lower Upper

43 100

58 36.5 29.2 43.8





#17

Carbon Disulfide

Concen: 46.155 ug/l

RT: 4.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

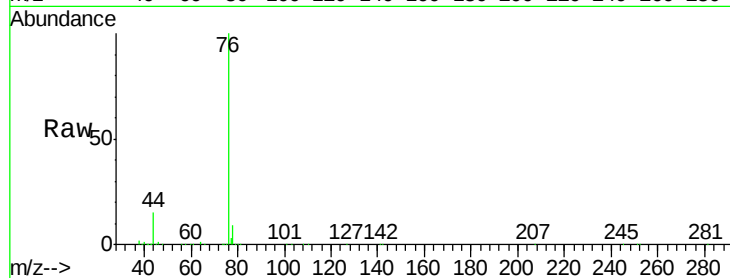
VSTDICCC050

Tot Ion: 76 Resp: 790347

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.39

250000

200000

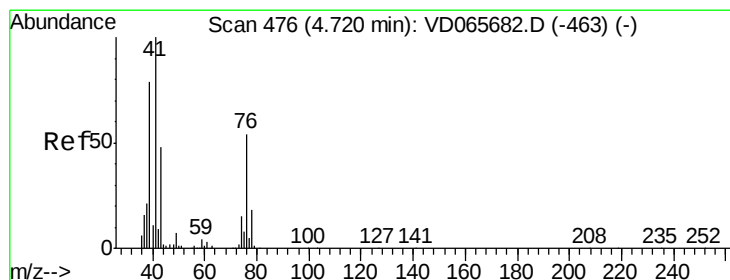
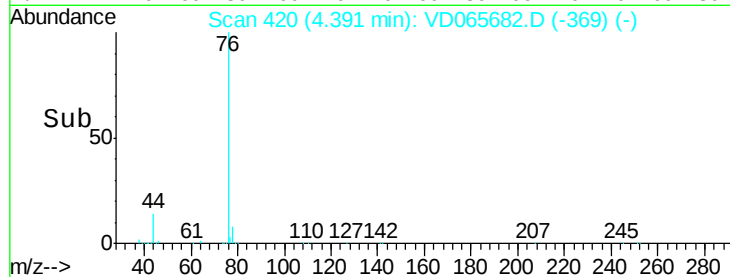
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.204 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD065682.D

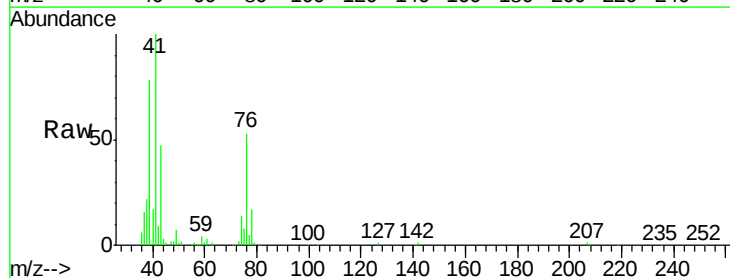
Acq: 29 Apr 2020 14:59

Tgt Ion: 43 Resp: 100007

Ion Ratio Lower Upper

43 100

74 33.1 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

40000

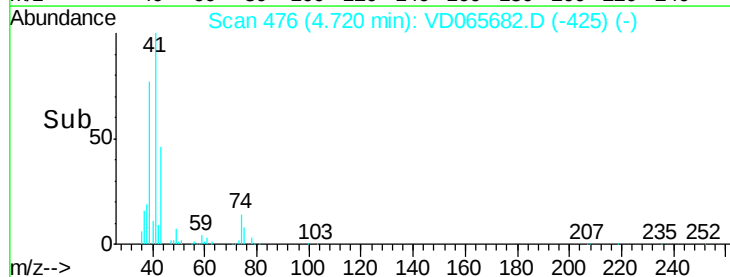
30000

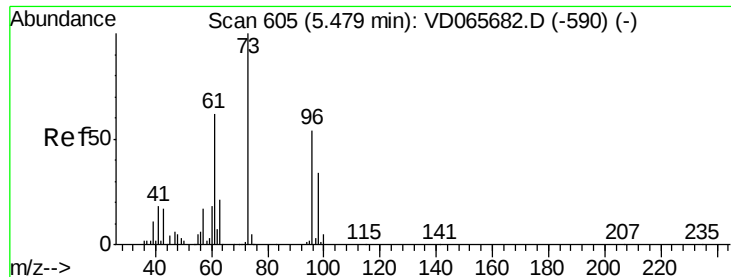
20000

10000

0

Time-->

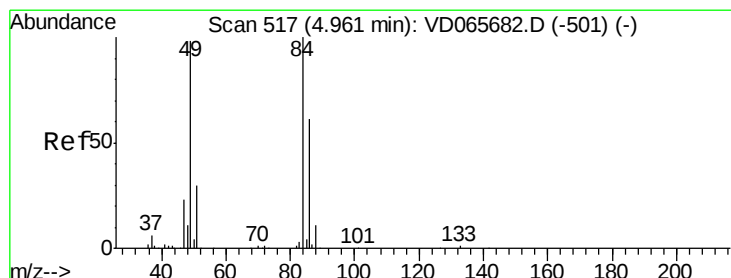
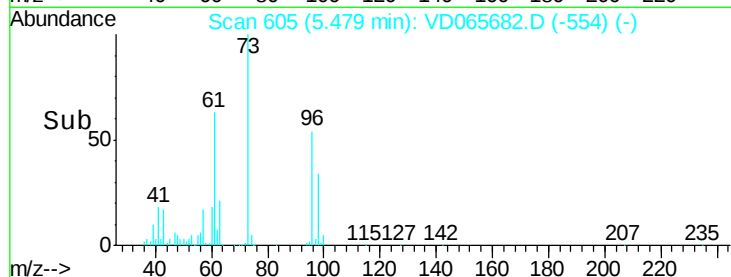
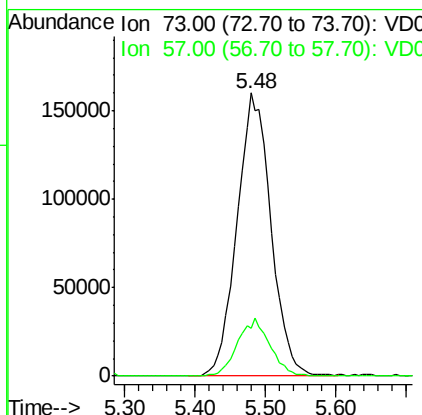
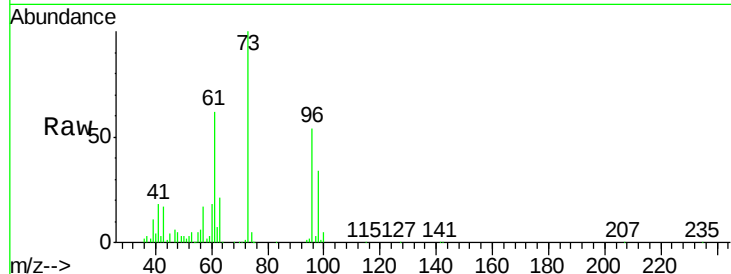




#19
Methvl tert-butvl Ether
Concen: 55.537 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

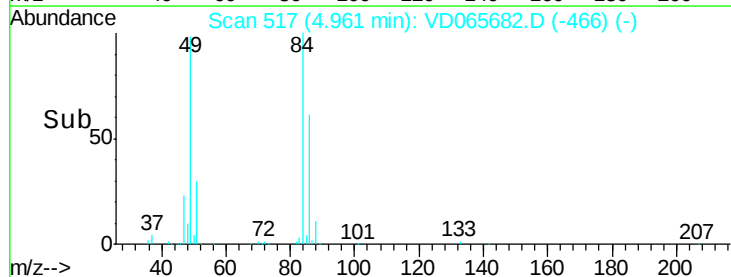
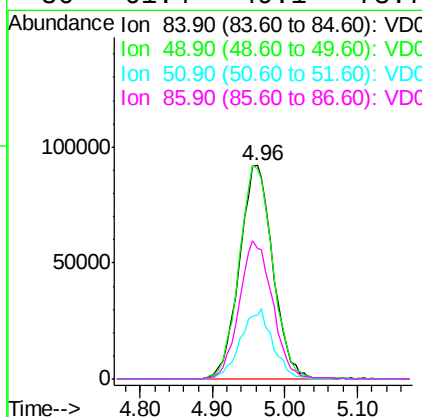
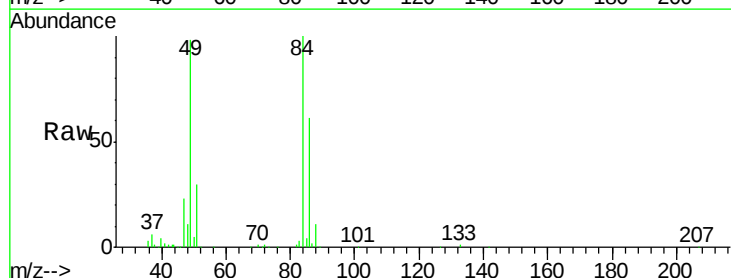
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

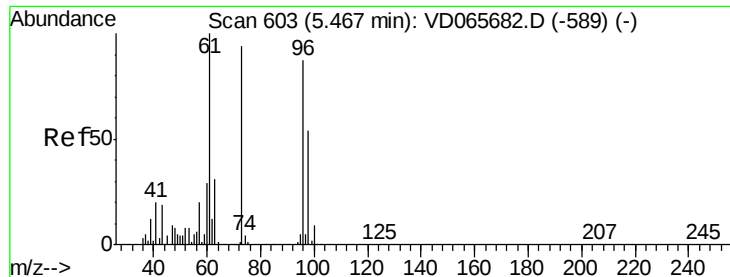
Tot Ion: 73 Resp: 535765
Ion Ratio Lower Upper
73 100
57 17.1 13.7 20.5



#20
Methylene Chloride
Concen: 41.195 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 84 Resp: 294304
Ion Ratio Lower Upper
84 100
49 98.3 78.6 118.0
51 30.1 24.1 36.1
86 61.4 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 50.009 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

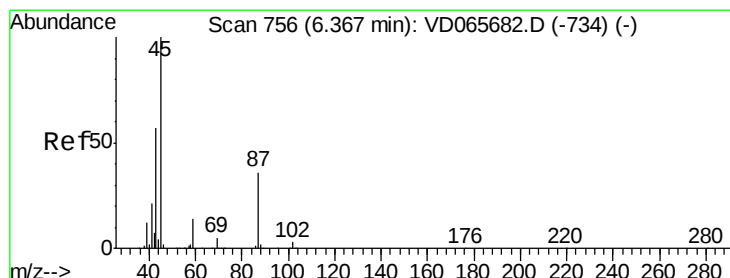
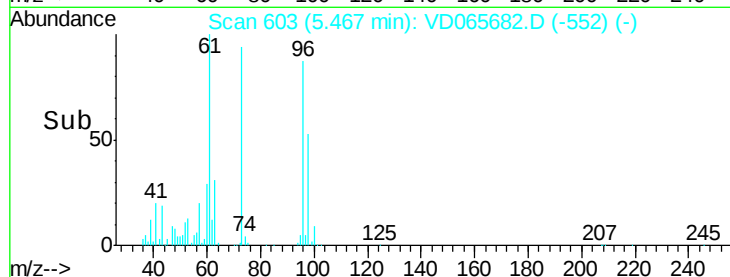
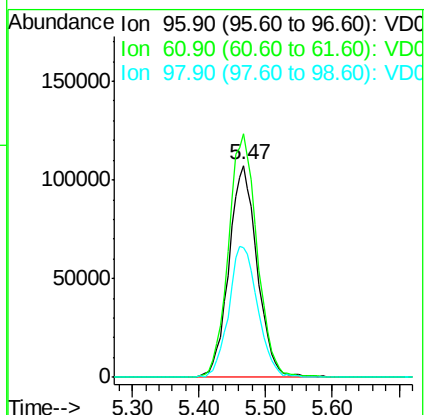
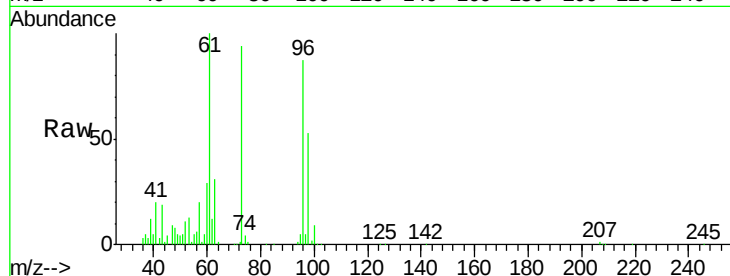
Tot Ion: 96 Resp: 318042

Ion Ratio Lower Upper

96 100

61 114.6 91.7 137.5

98 61.5 49.2 73.8



#22

Diisopropyl ether

Concen: 56.219 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Tgt Ion: 45 Resp: 632703

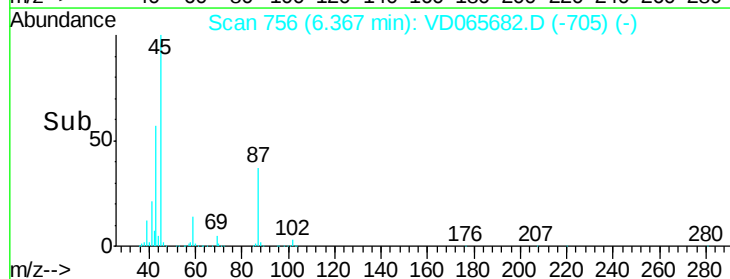
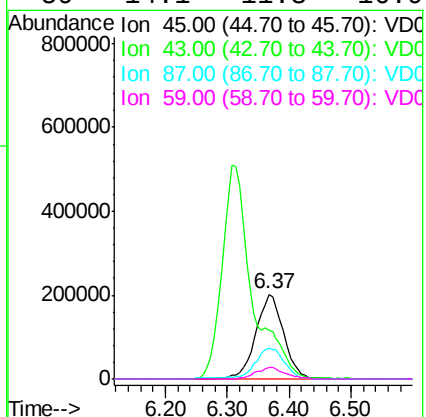
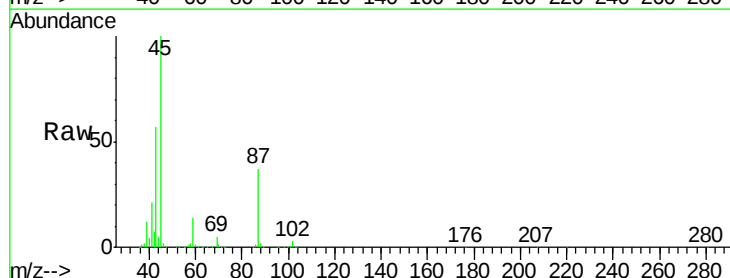
Ion Ratio Lower Upper

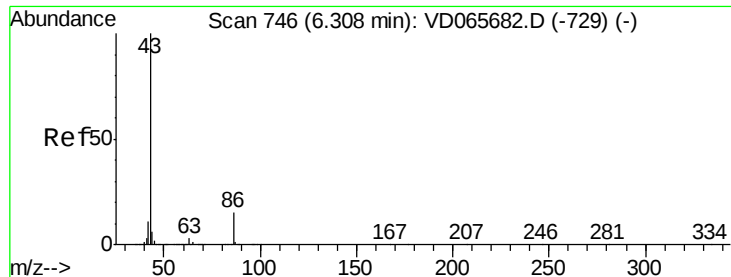
45 100

43 57.0 45.6 68.4

87 36.6 29.3 43.9

59 14.1 11.3 16.9





#23

Vinyl Acetate

Concen: 337.664 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

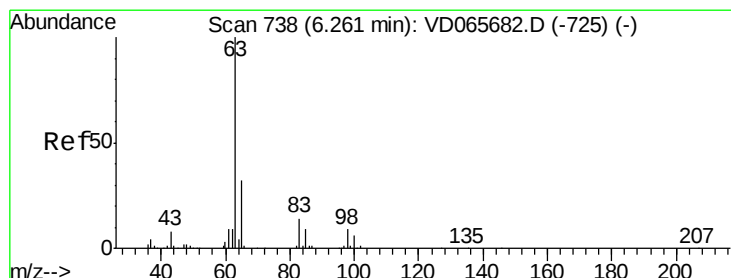
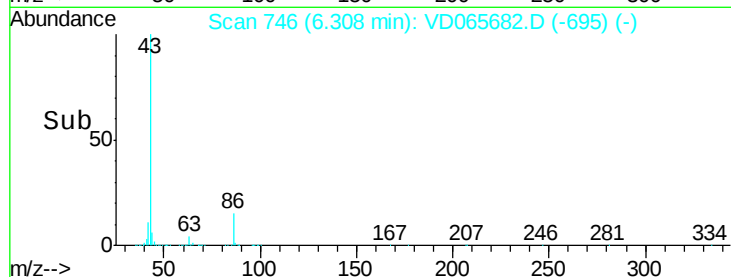
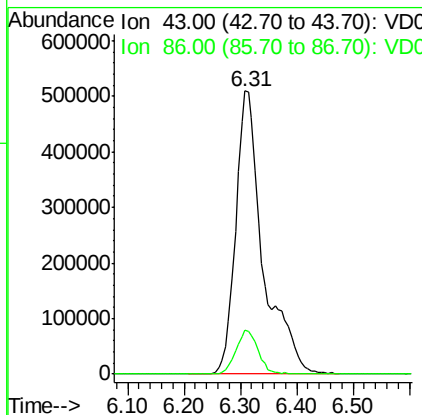
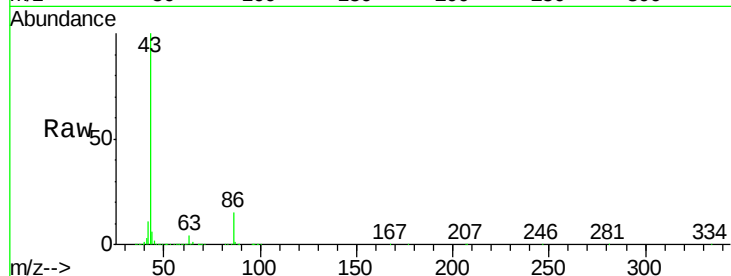
VSTDICCC050

Tot Ion: 43 Resp: 1731180

Ion Ratio Lower Upper

43 100

86 15.4 12.3 18.5



#24

1,1-Dichloroethane

Concen: 46.855 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

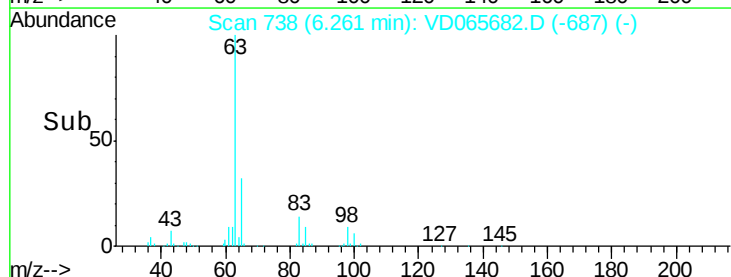
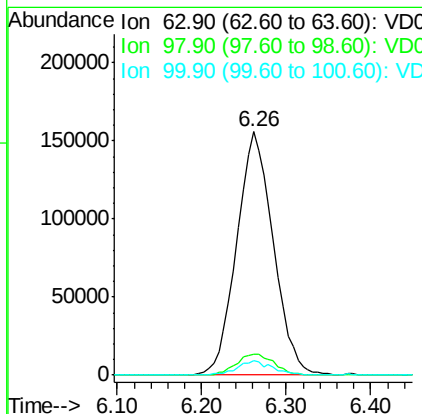
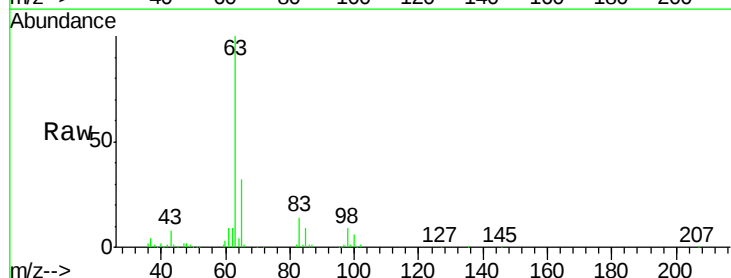
Tgt Ion: 63 Resp: 468070

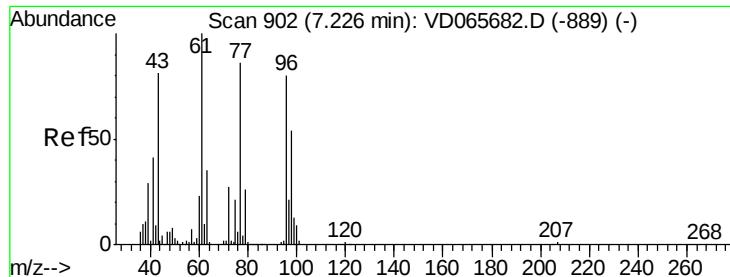
Ion Ratio Lower Upper

63 100

98 8.7 4.3 13.1

100 5.7 2.9 8.6





#25

2-Butanone

Concen: 251.242 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

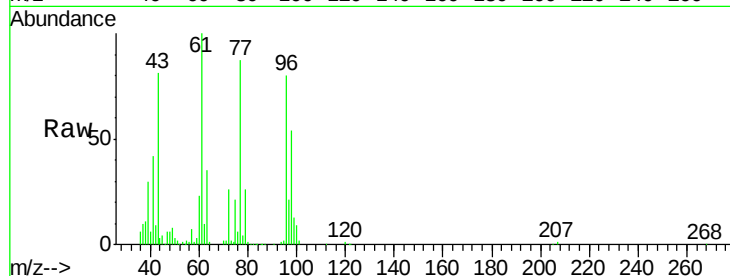
VSTDICCC050

Tot Ion: 43 Resp: 249932

Ion Ratio Lower Upper

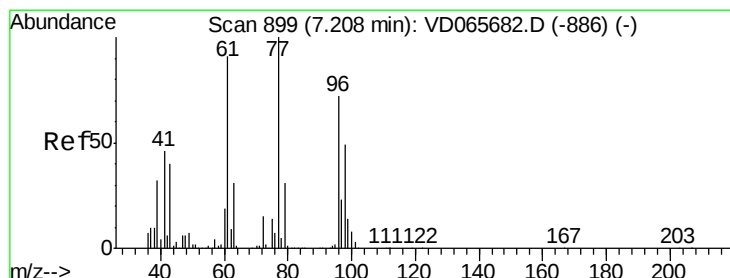
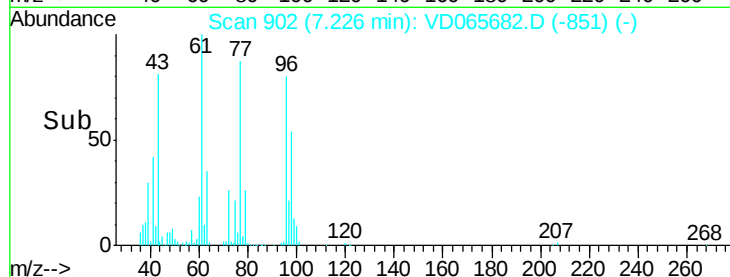
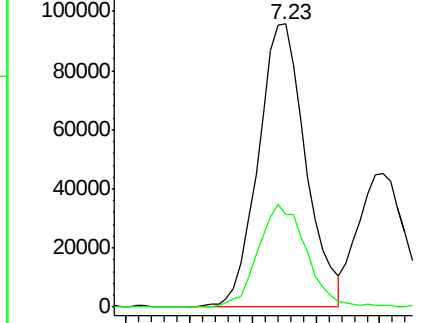
43 100

72 32.6 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 47.571 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065682.D

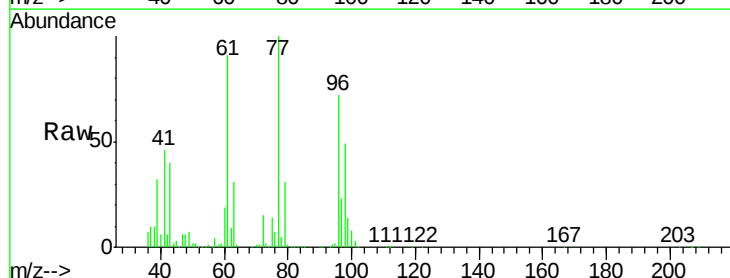
Acq: 29 Apr 2020 14:59

Tgt Ion: 77 Resp: 462226

Ion Ratio Lower Upper

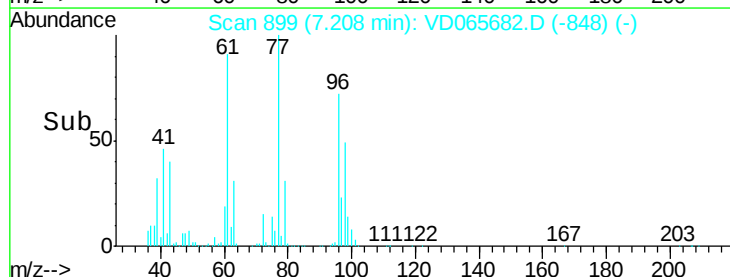
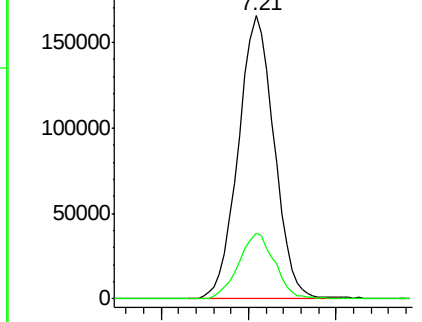
77 100

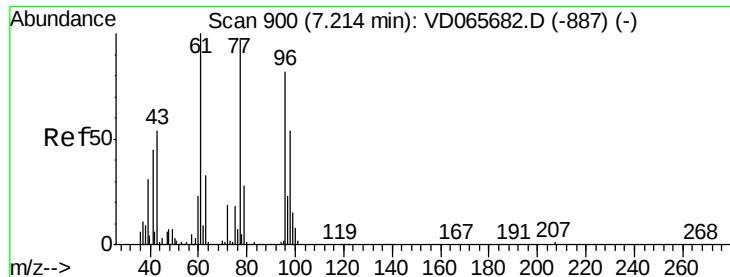
97 23.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



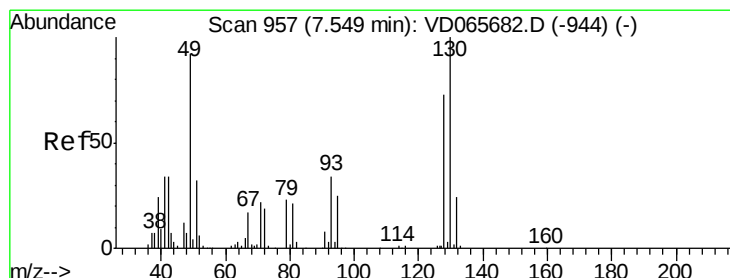
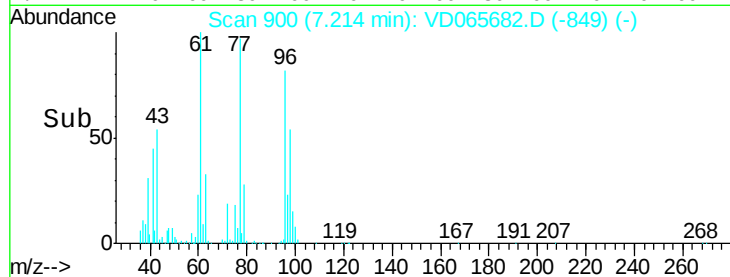
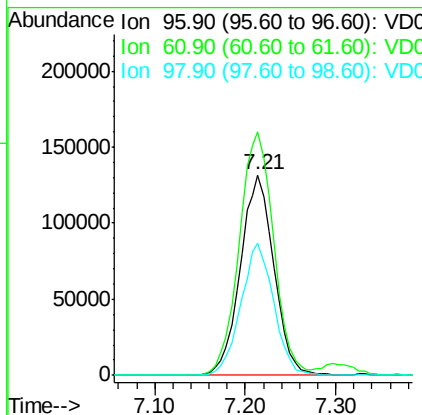
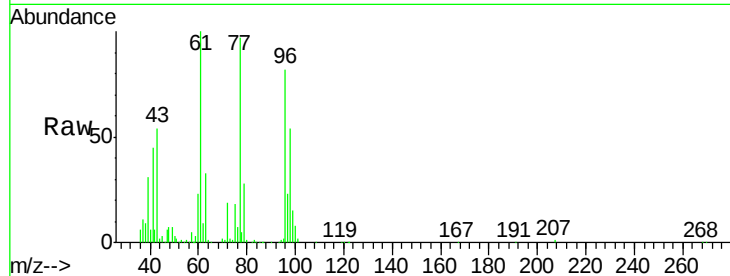


#27

cis-1,2-Dichloroethene
 Concen: 51.273 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

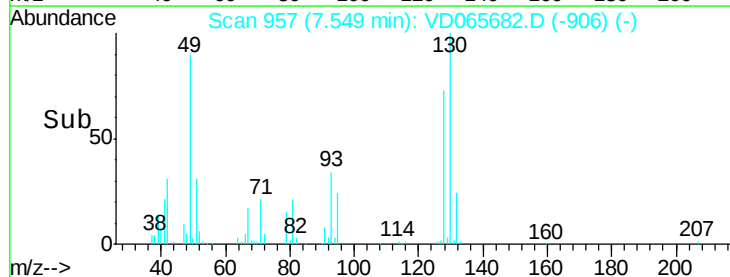
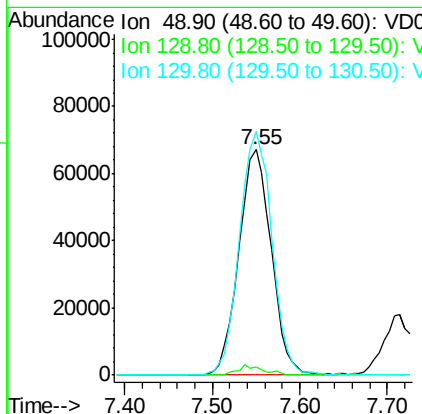
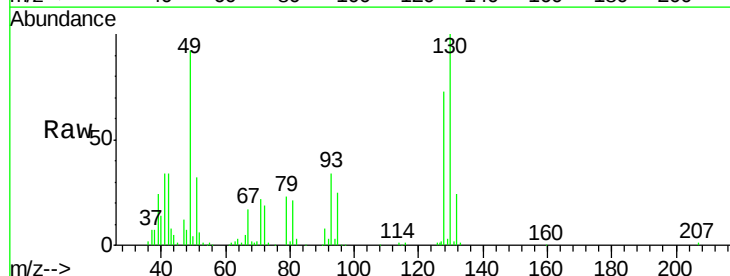
Tot Ion: 96 Resp: 337265
 Ion Ratio Lower Upper
 96 100
 61 125.4 0.0 250.8
 98 64.9 0.0 129.8

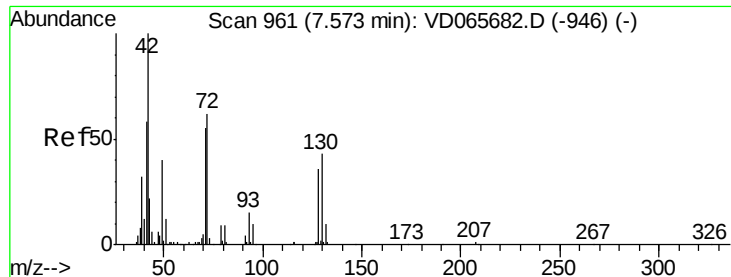


#28

Bromochloromethane
 Concen: 45.501 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion: 49 Resp: 168773
 Ion Ratio Lower Upper
 49 100
 129 3.4 0.0 6.8
 130 108.0 86.4 129.6

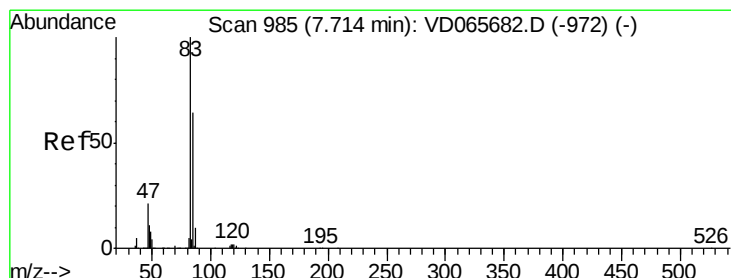
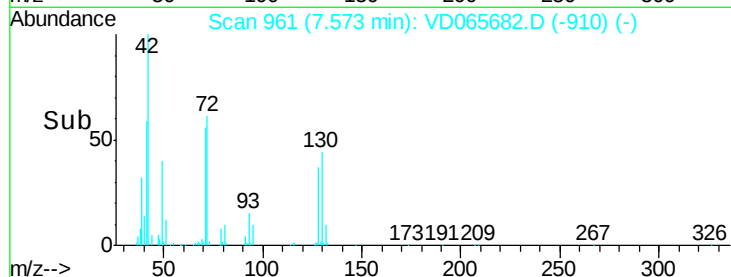
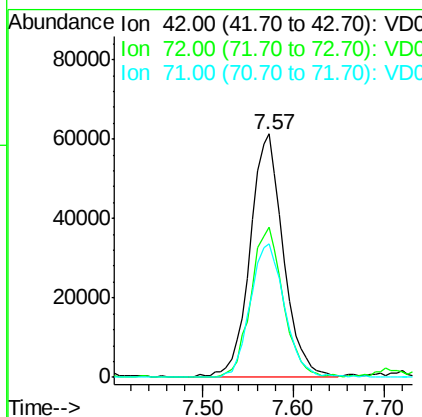
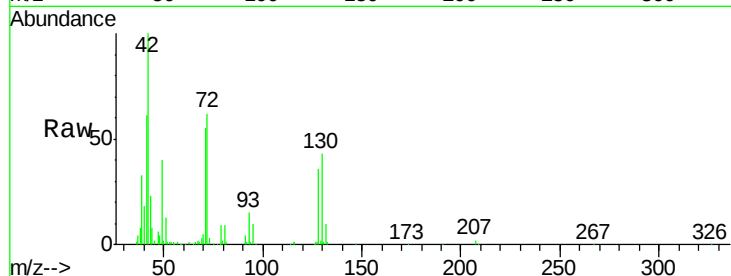




#29
Tetrahydrofuran
Concen: 271.840 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

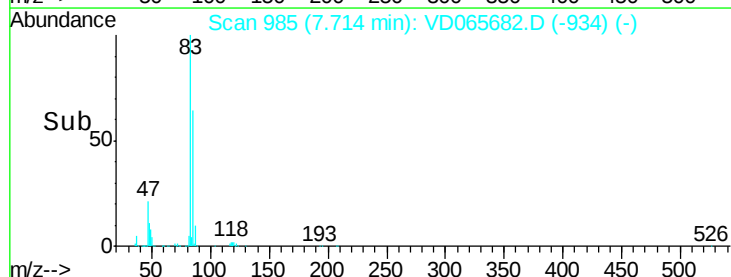
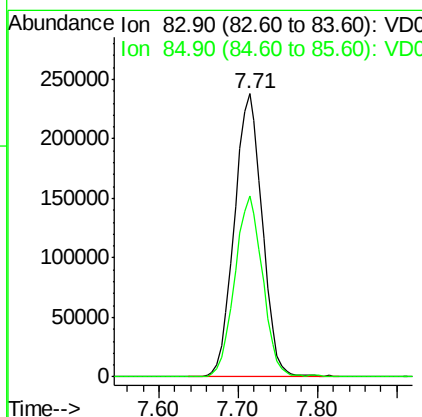
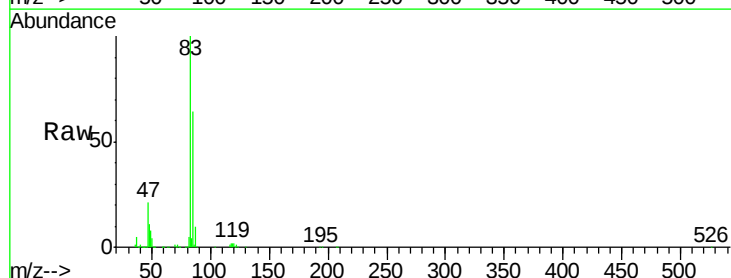
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

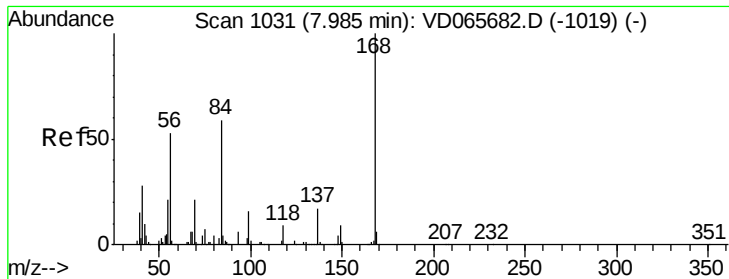
Tot Ion: 42 Resp: 156510
Ion Ratio Lower Upper
42 100
72 59.9 47.9 71.9
71 56.7 45.4 68.0



#30
Chloroform
Concen: 48.064 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 83 Resp: 580872
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6

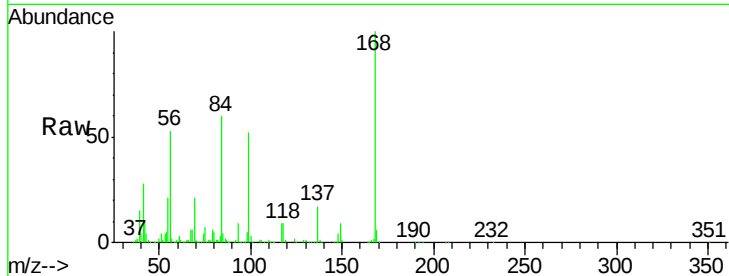




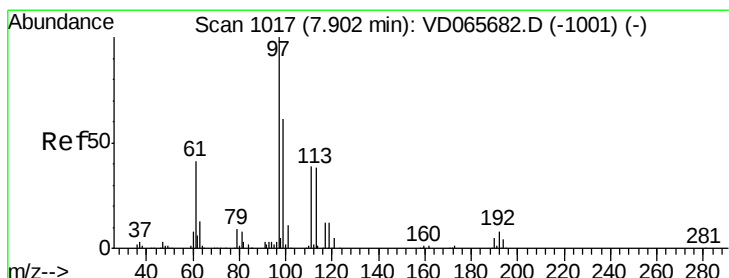
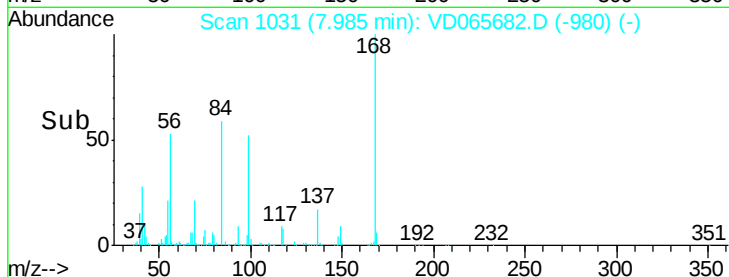
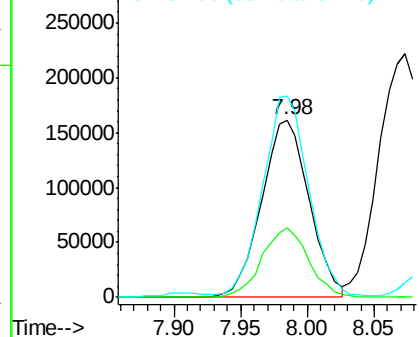
#31
Cyclohexane
Concen: 47.095 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 56 Resp: 398442
Ion Ratio Lower Upper
56 100
69 38.9 31.1 46.7
84 111.1 88.9 133.3

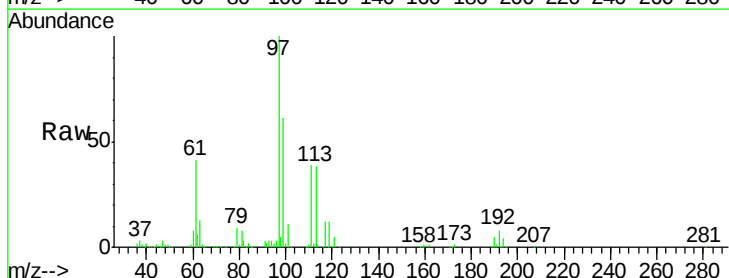


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

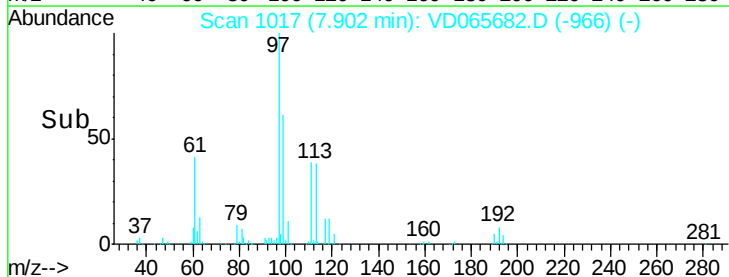
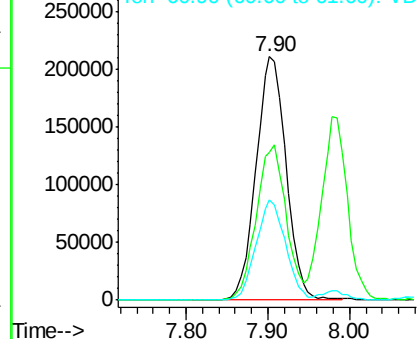


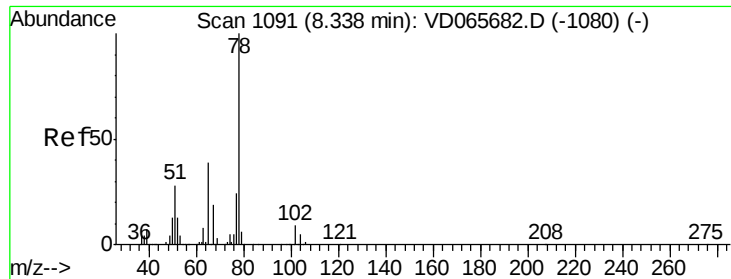
#32
1,1,1-Trichloroethane
Concen: 48.384 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 97 Resp: 540461
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 40.5 32.4 48.6



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

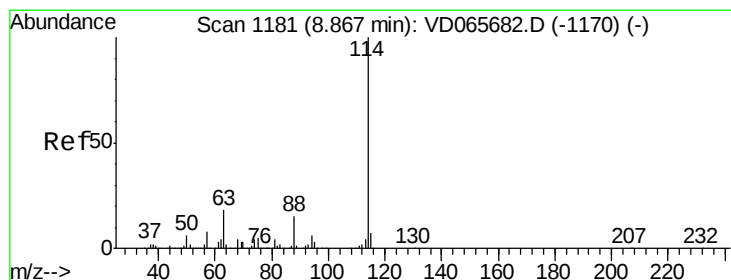
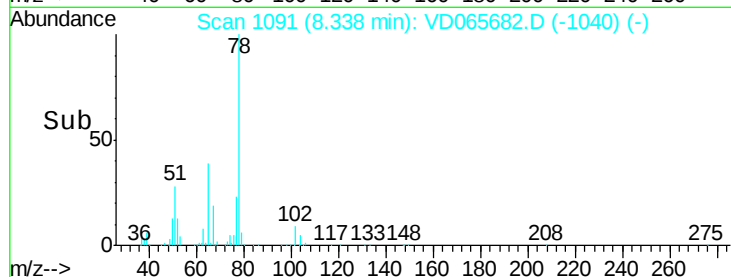
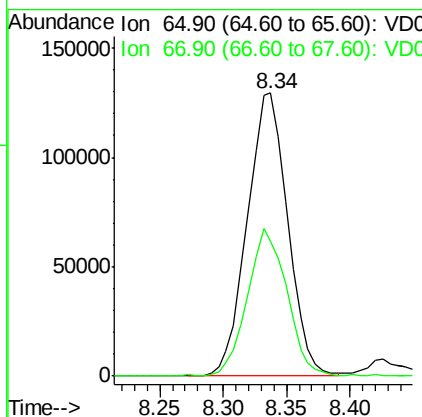
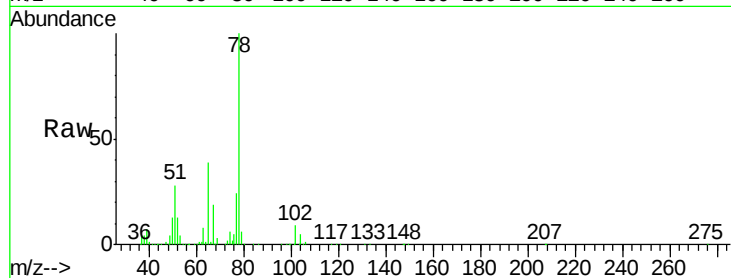




#33
 1,2-Dichloroethane-d4
 Concen: 47.864 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

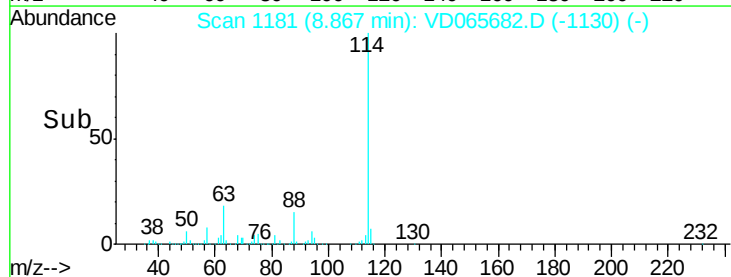
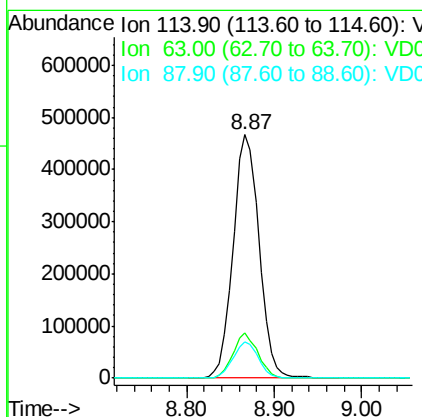
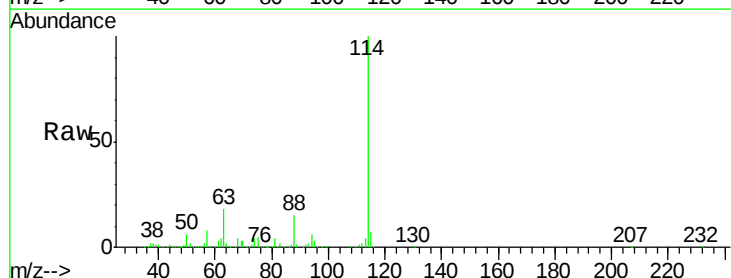
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

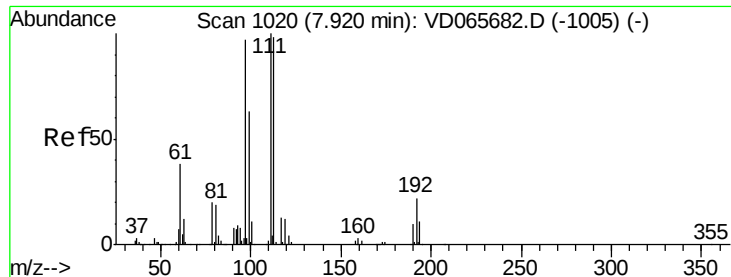
Tot Ion: 65 Resp: 288735
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion: 114 Resp: 935177
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.8 0.0 29.6

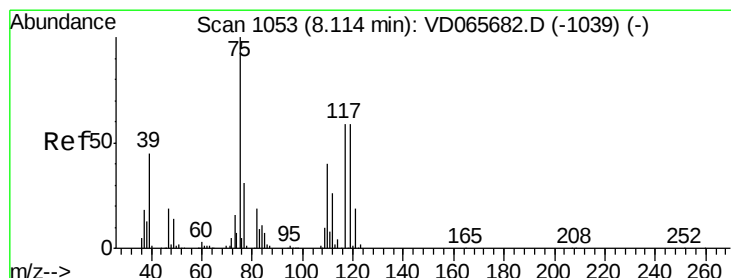
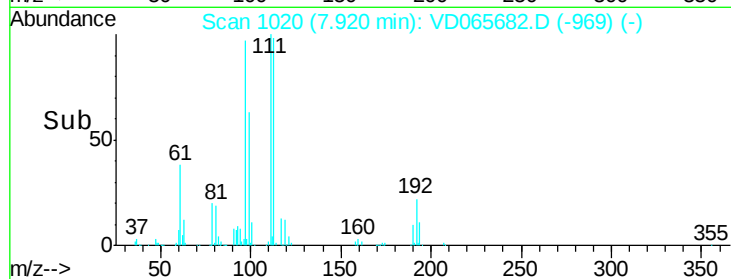
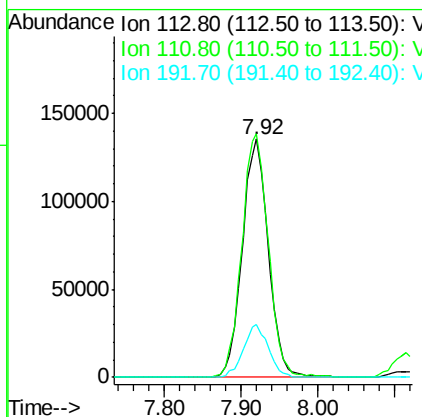
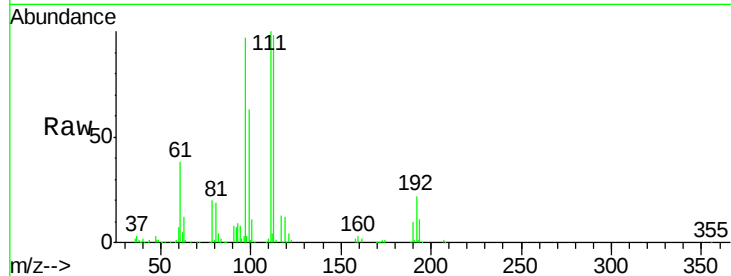




#35
Dibromofluoromethane
Concen: 50.258 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

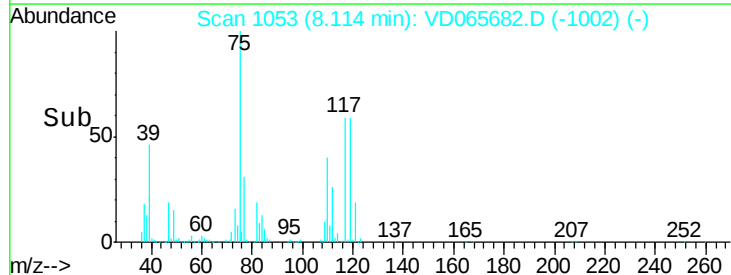
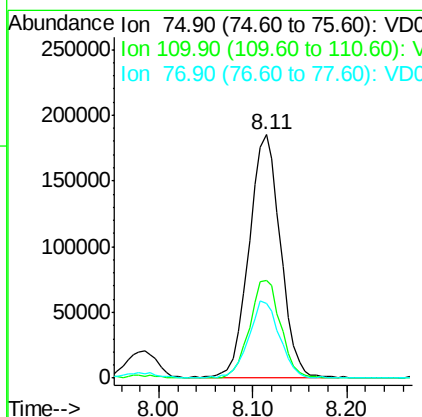
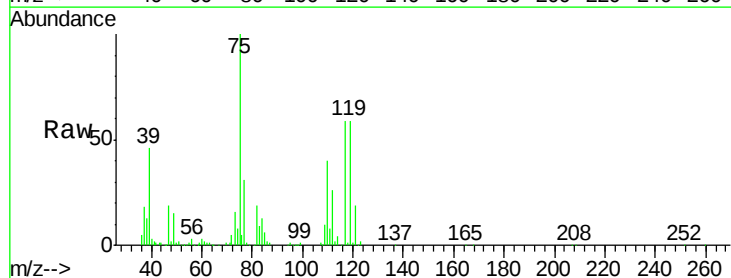
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

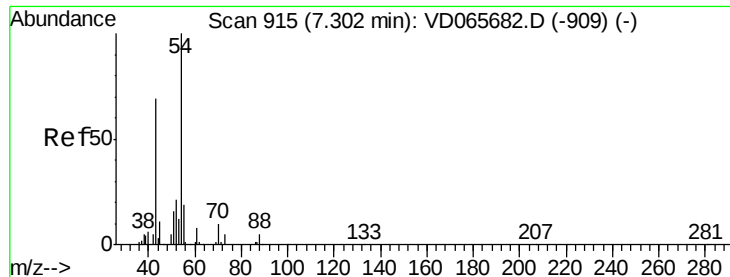
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.3	124.9
192	21.4	17.1	25.7



#36
1,1-Dichloropropene
Concen: 51.569 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.0	20.0	60.0
77	31.8	25.4	38.2

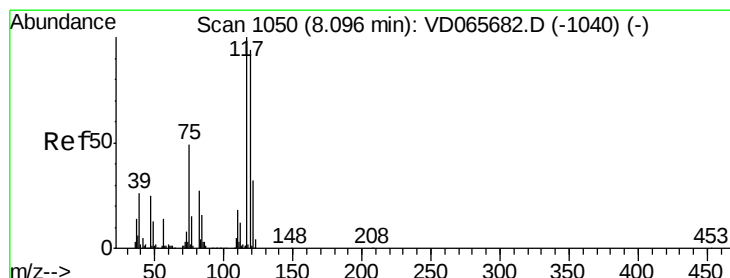
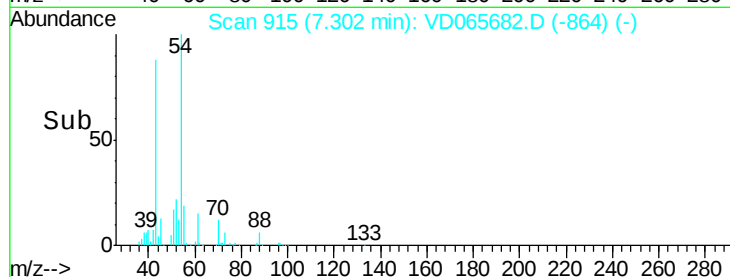
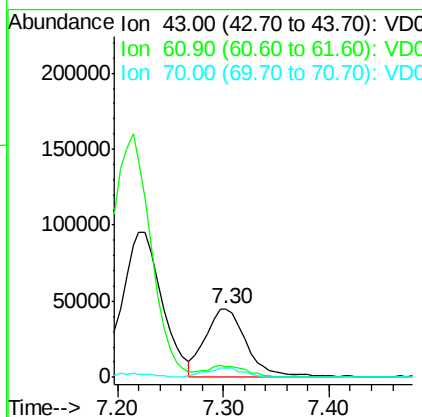
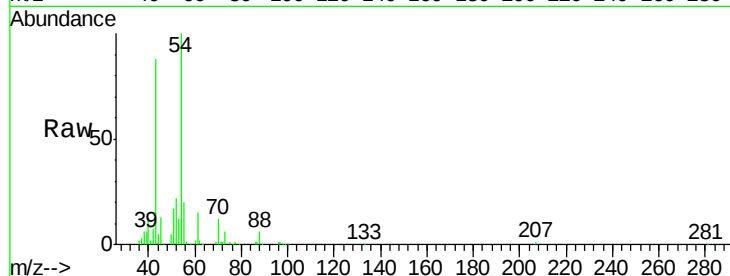




#37
Ethyl Acetate
Concen: 54.032 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

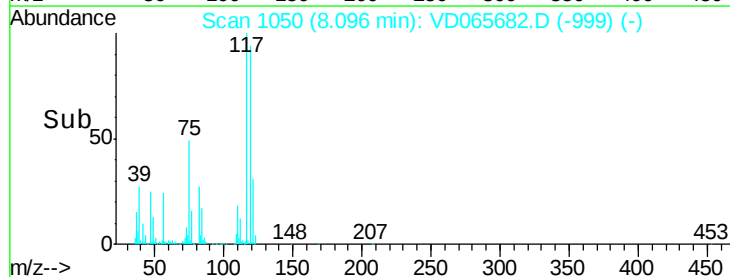
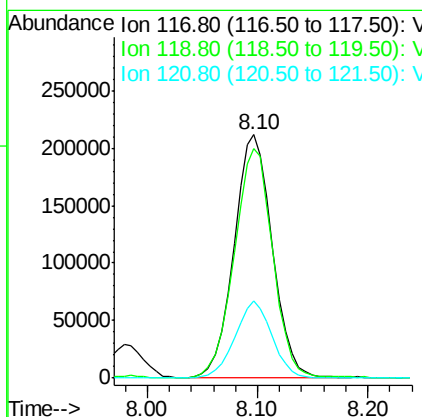
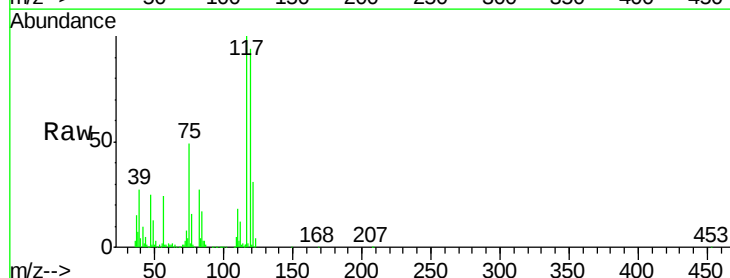
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

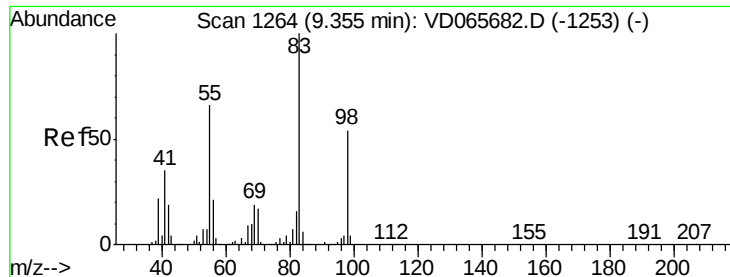
Tot Ion: 43 Resp: 120160
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 12.2 9.8 14.6



#38
Carbon Tetrachloride
Concen: 49.112 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 117 Resp: 512590
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2
121 31.6 25.3 37.9

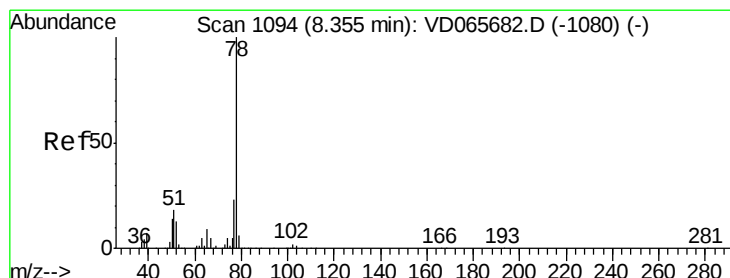
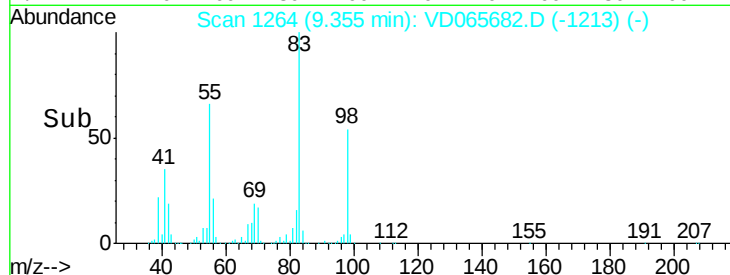
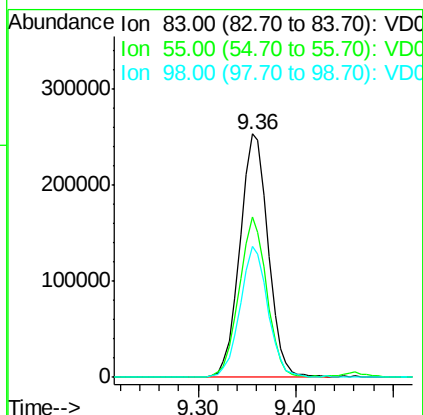
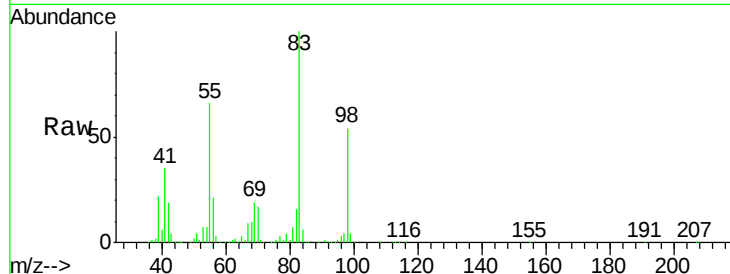




#39
Methvlcvclohexane
Concen: 58.154 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

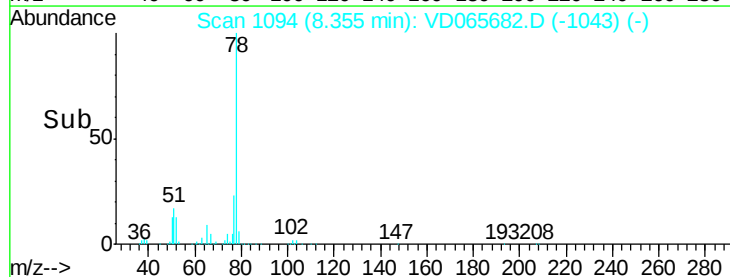
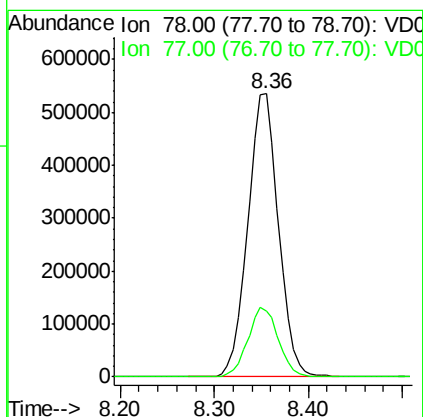
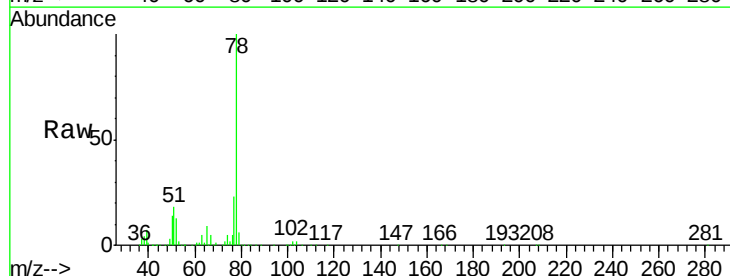
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

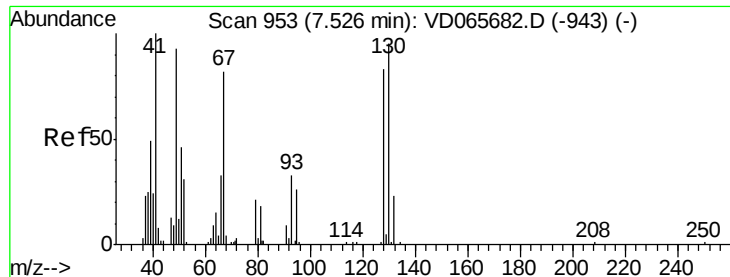
Tot Ion: 83 Resp: 509204
Ion Ratio Lower Upper
83 100
55 65.8 52.6 79.0
98 53.7 43.0 64.4



#40
Benzene
Concen: 51.740 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 78 Resp: 1208471
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

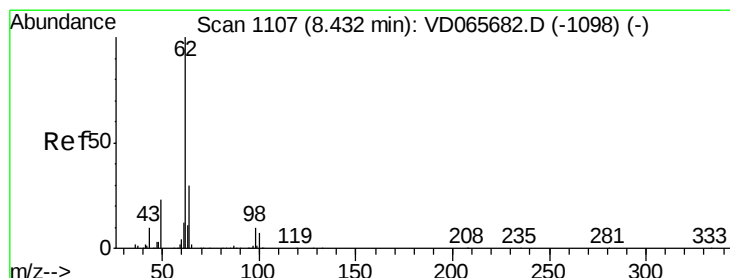
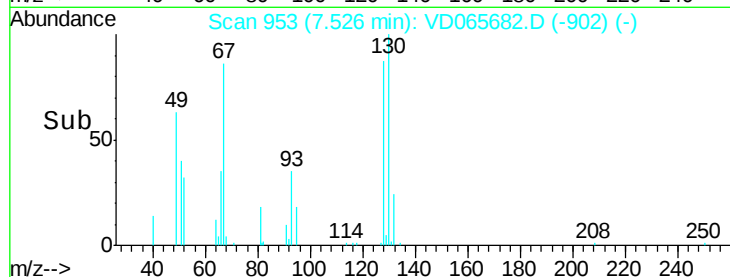
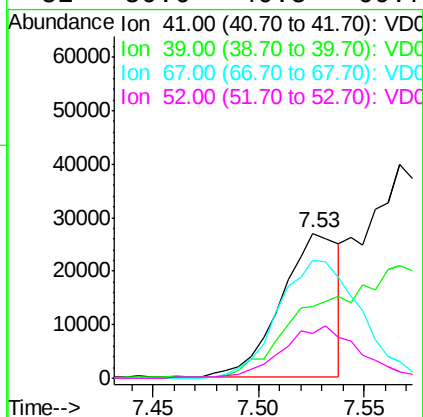
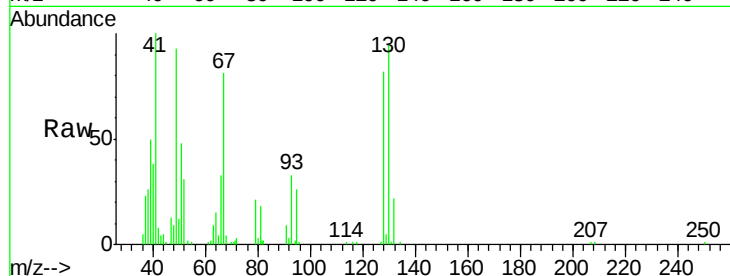




#41
Methacrylonitrile
Concen: 37.127 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

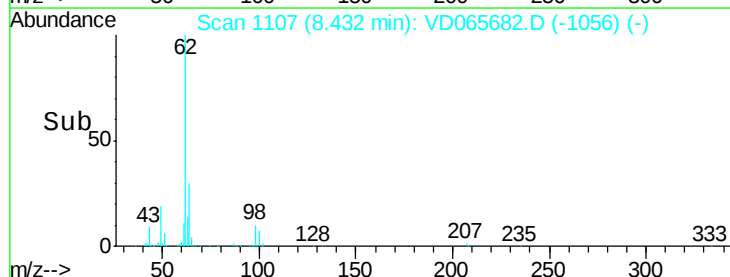
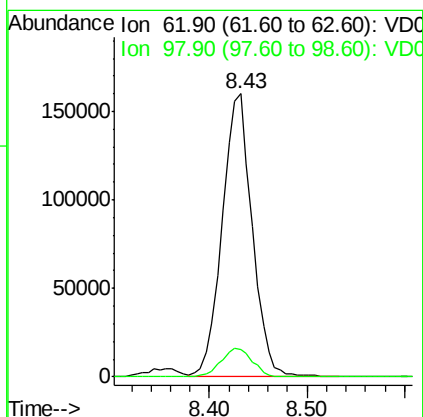
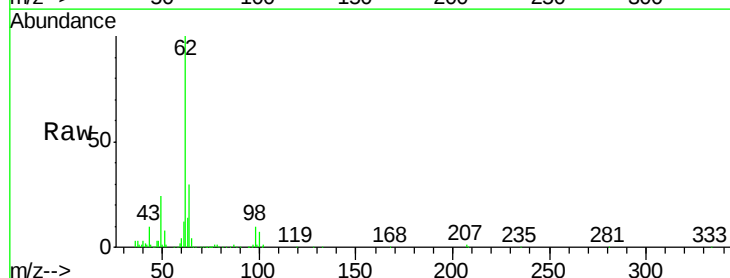
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

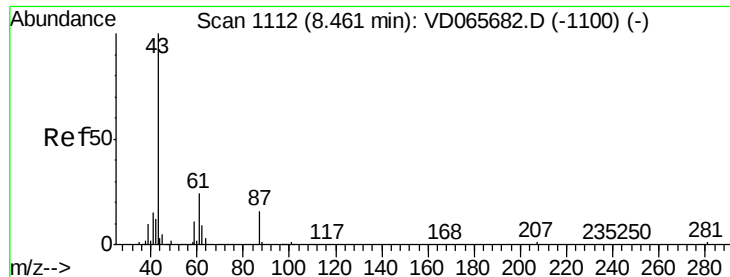
Tot Ion:	41	Resp:	51287
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	117.0	93.6	140.4
52	50.6	40.5	60.7



#42
1,2-Dichloroethane
Concen: 50.408 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion:	62	Resp:	340300
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2





#43

Isopropyl Acetate

Concen: 53.573 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

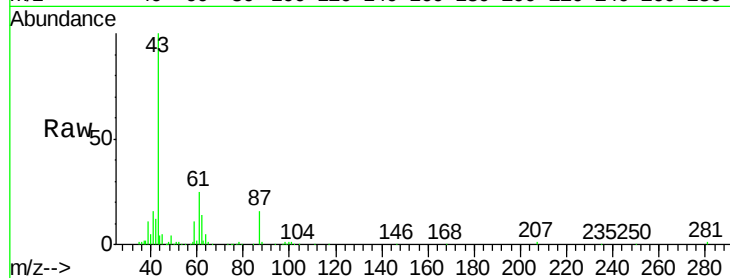
Tot Ion: 43 Resp: 223854

Ion Ratio Lower Upper

43 100

61 37.7 30.2 45.2

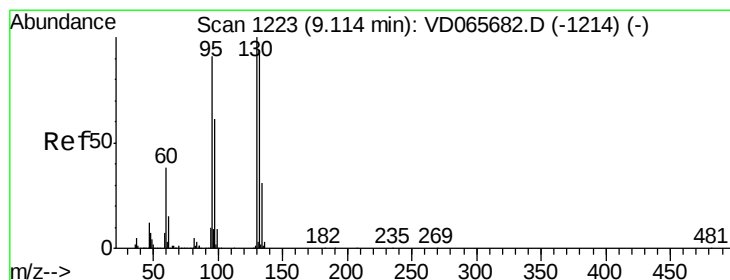
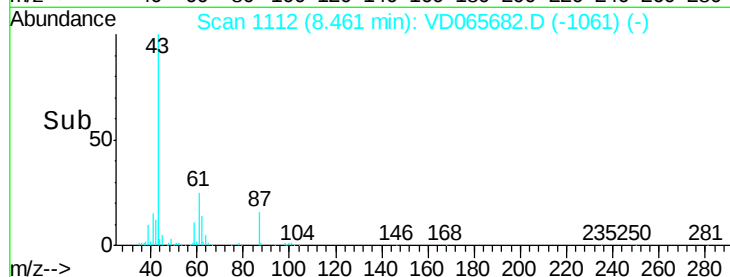
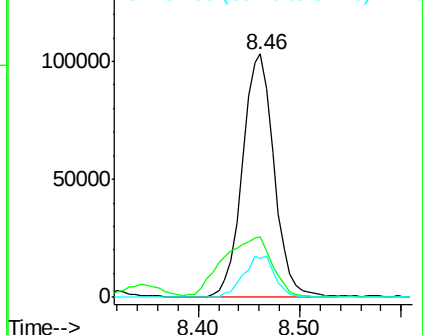
87 17.1 13.7 20.5



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: 51.065 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065682.D

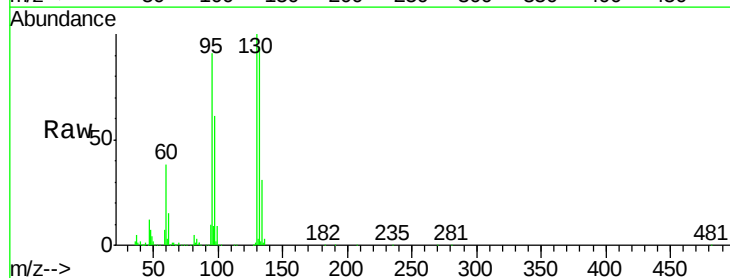
Acq: 29 Apr 2020 14:59

Tgt Ion:130 Resp: 368507

Ion Ratio Lower Upper

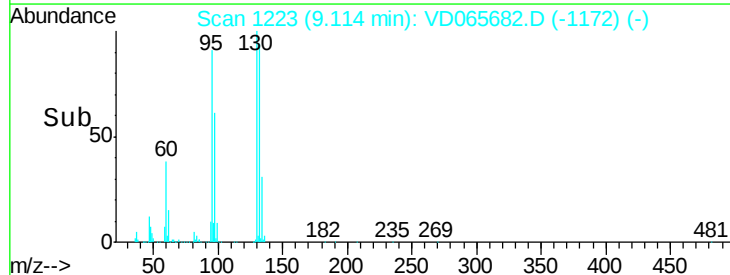
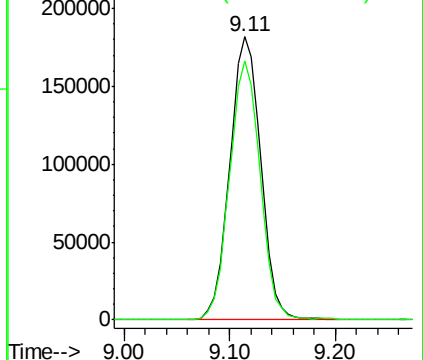
130 100

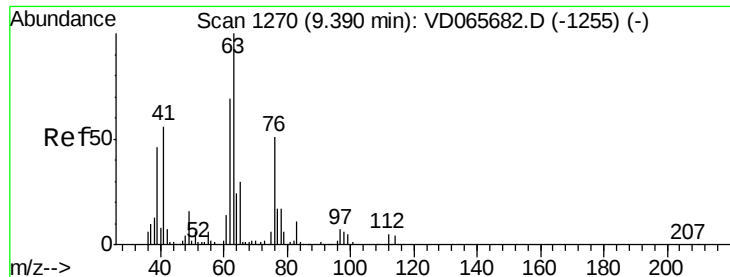
95 91.5 0.0 183.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.583 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

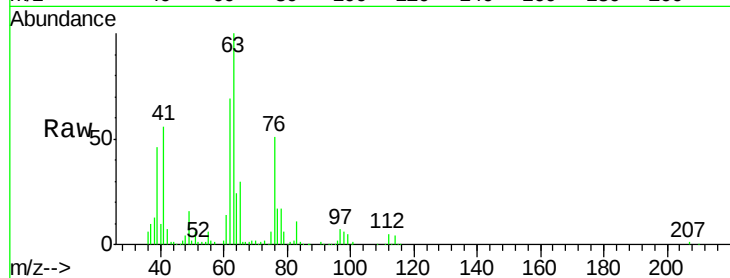
VSTDICCC050

Tot Ion: 63 Resp: 272362

Ion Ratio Lower Upper

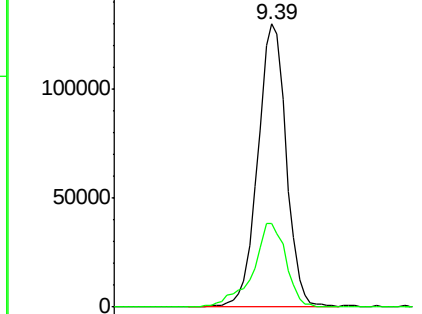
63 100

65 29.6 23.7 35.5

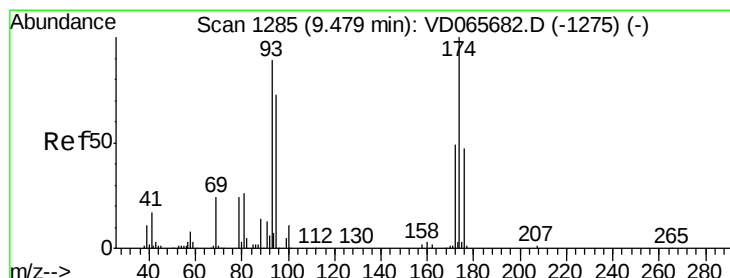
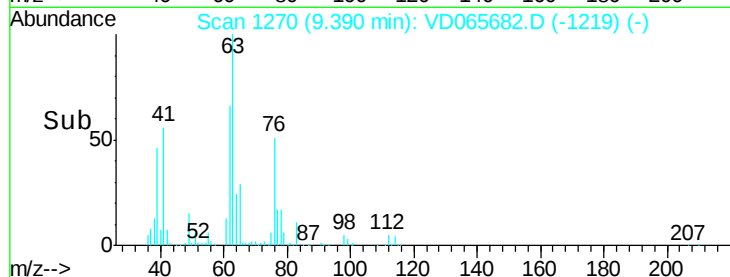


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



Time-->



#46

Dibromomethane

Concen: 51.416 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

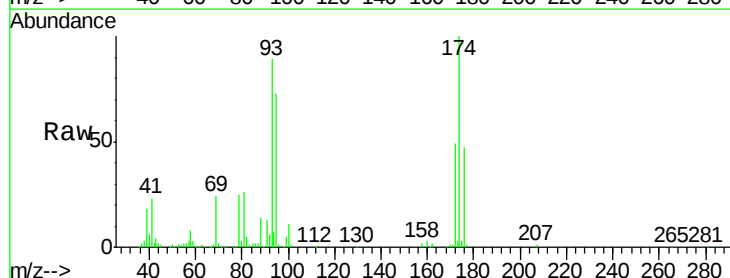
Tgt Ion: 93 Resp: 175780

Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

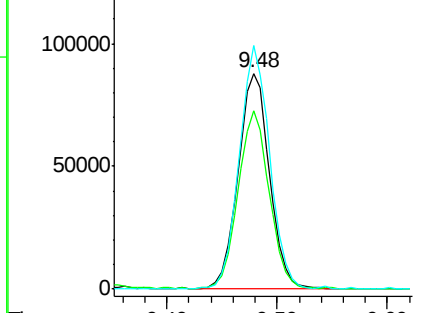
174 109.1 87.3 130.9



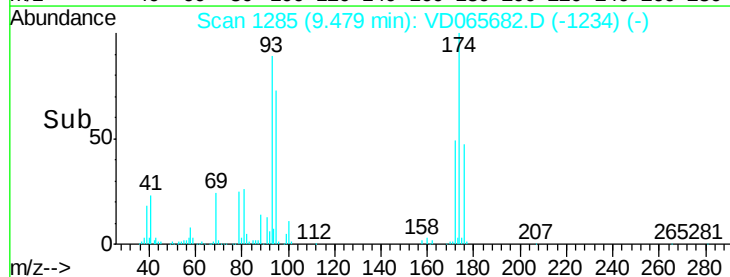
Abundance Ion 92.80 (92.50 to 93.50): VDC

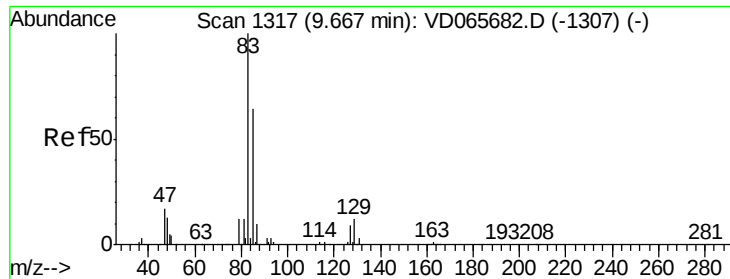
Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 50.497 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

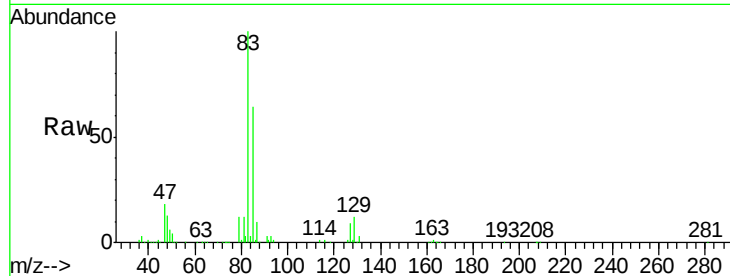
Tot Ion: 83 Resp: 456373

Ion Ratio Lower Upper

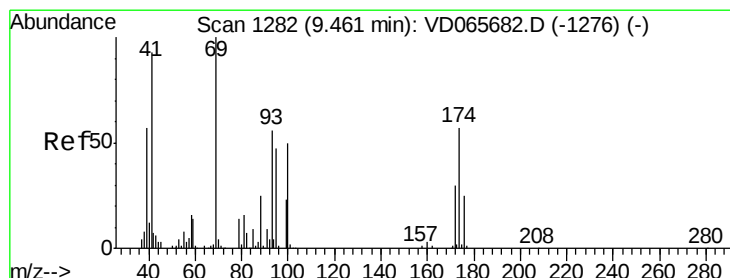
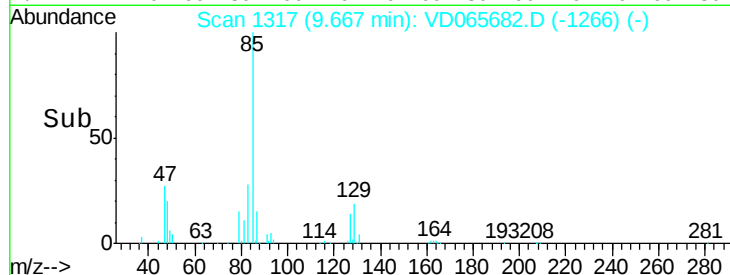
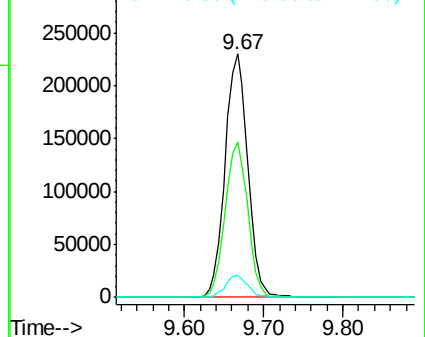
83 100

85 63.9 51.1 76.7

127 9.1 7.3 10.9



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



#48

Methyl methacrylate

Concen: 55.077 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

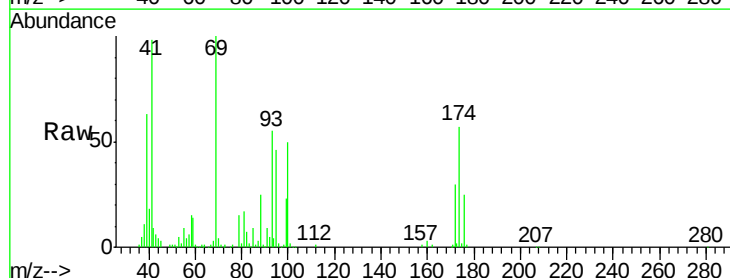
Tgt Ion: 41 Resp: 100766

Ion Ratio Lower Upper

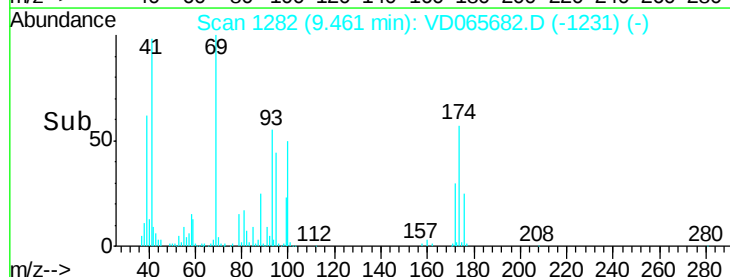
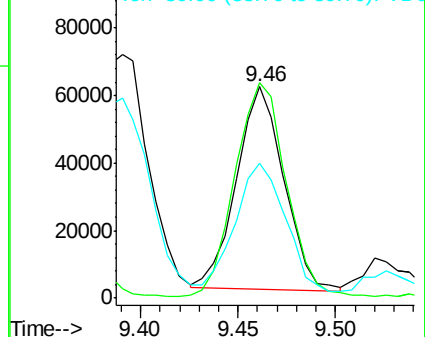
41 100

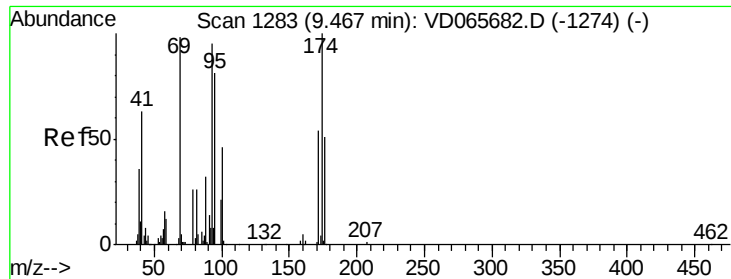
69 115.4 92.3 138.5

39 66.7 53.4 80.0



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





#49

1,4-Dioxane

Concen: 1119.215 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

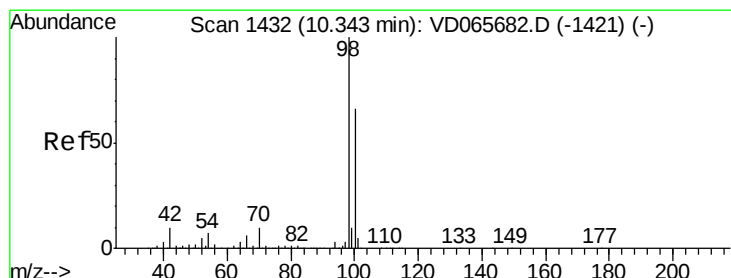
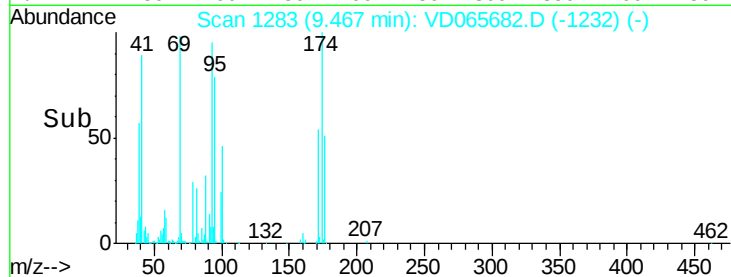
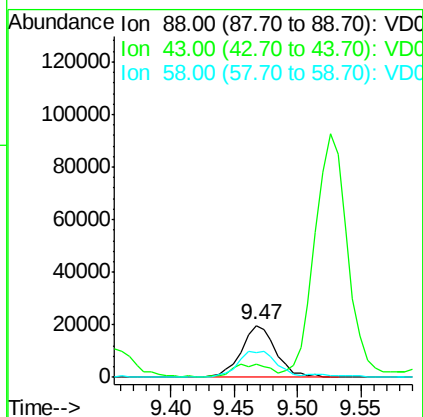
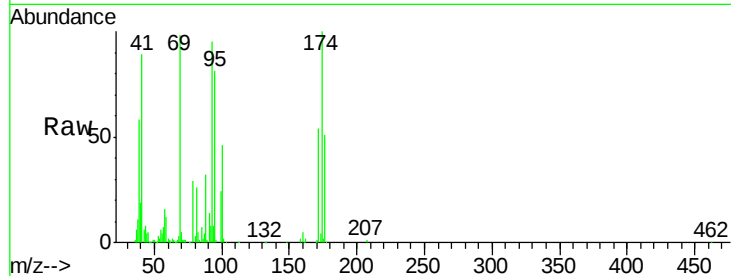
Tot Ion: 88 Resp: 37399

Ion Ratio Lower Upper

88 100

43 27.8 22.2 33.4

58 56.6 45.3 67.9



#50

Toluene-d8

Concen: 56.506 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065682.D

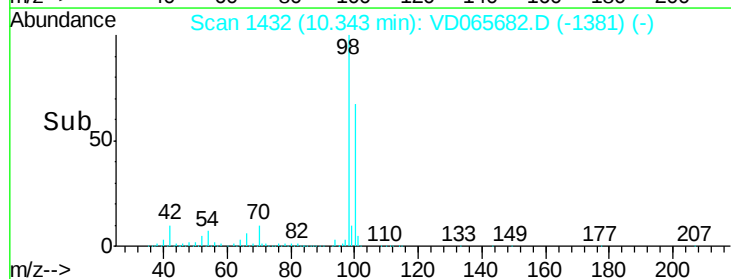
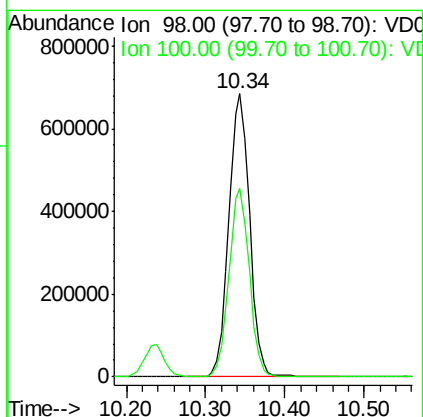
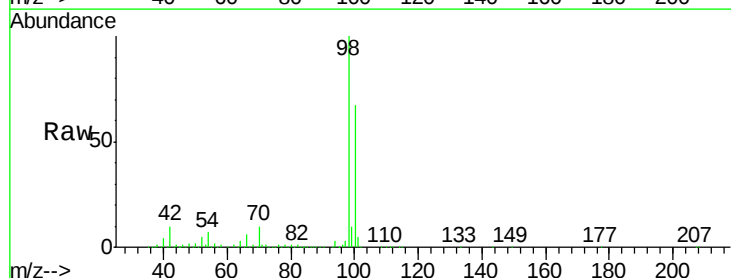
Acq: 29 Apr 2020 14:59

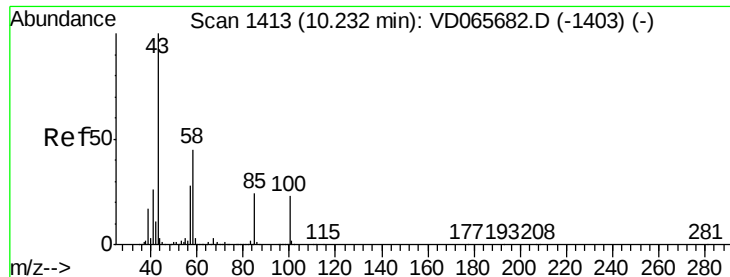
Tgt Ion: 98 Resp: 1240211

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

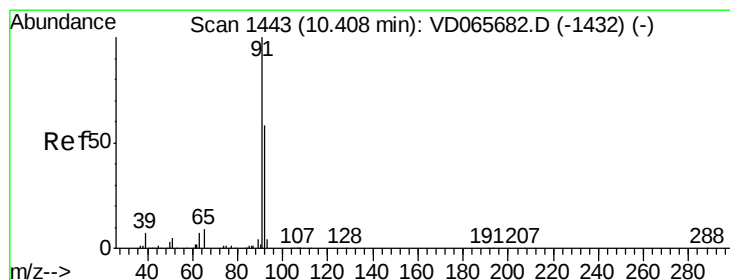
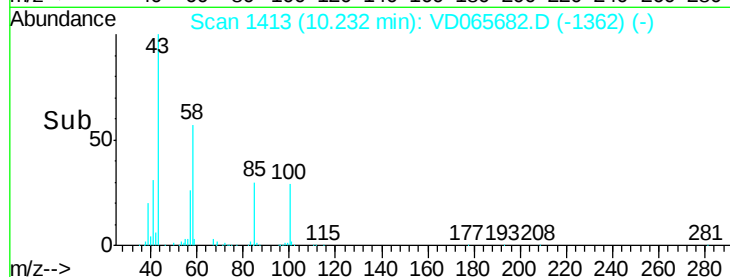
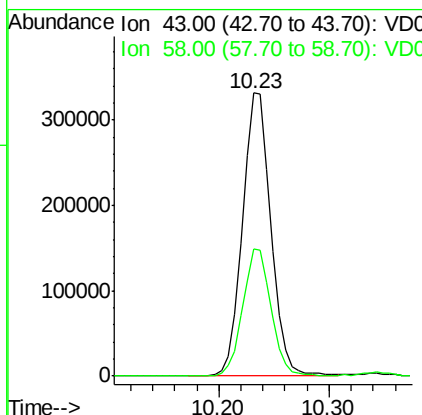
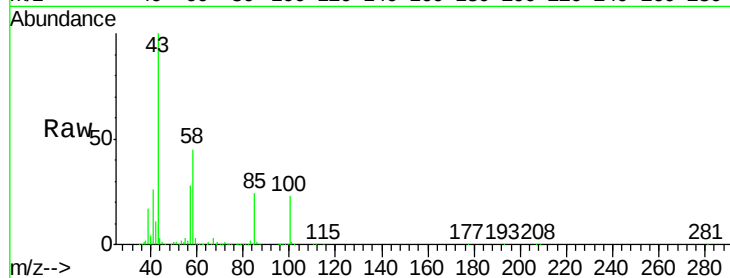




#51
4-Methyl-2-Pentanone
Concen: 283.499 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

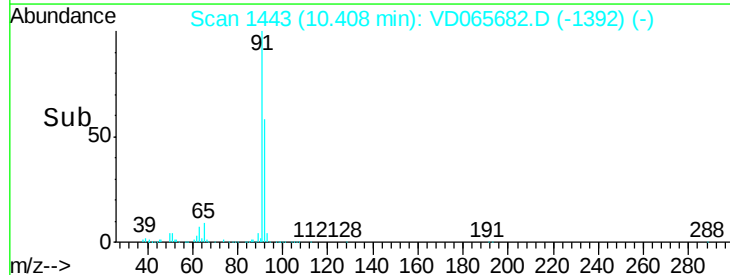
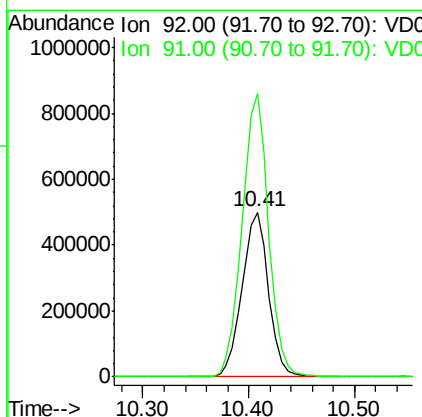
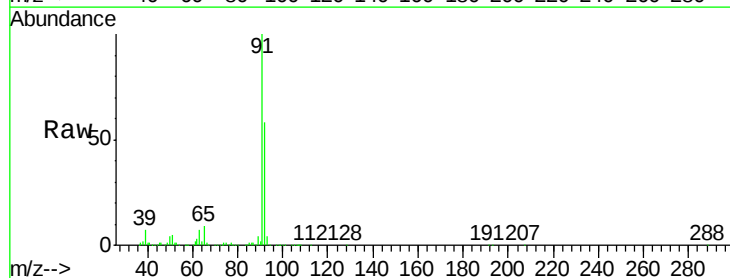
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

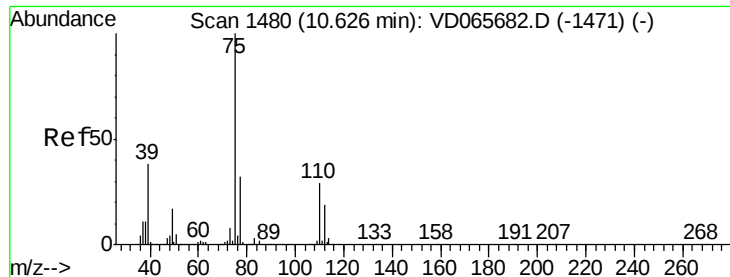
Tot Ion: 43 Resp: 600354
Ion Ratio Lower Upper
43 100
58 45.0 36.0 54.0



#52
Toluene
Concen: 56.753 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 92 Resp: 867650
Ion Ratio Lower Upper
92 100
91 172.2 137.8 206.6





#53

t-1,3-Dichloropropene

Concen: 55.568 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

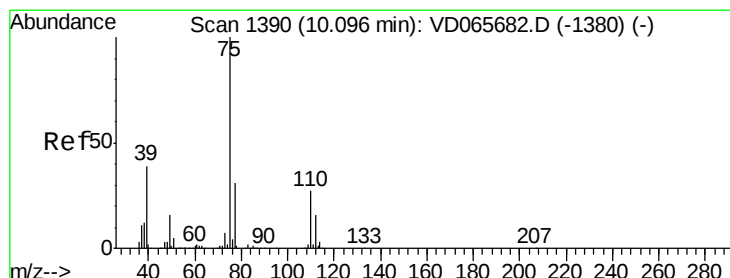
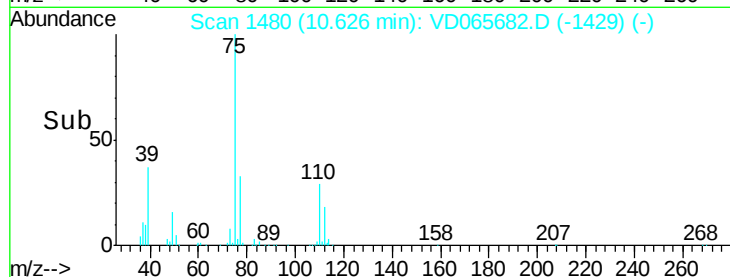
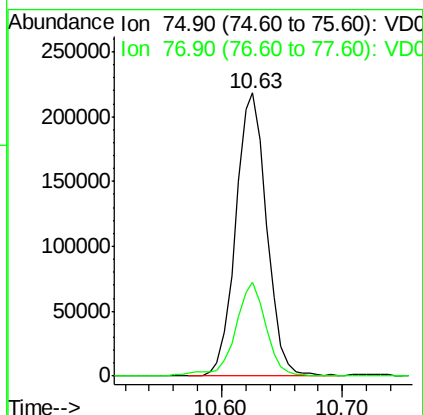
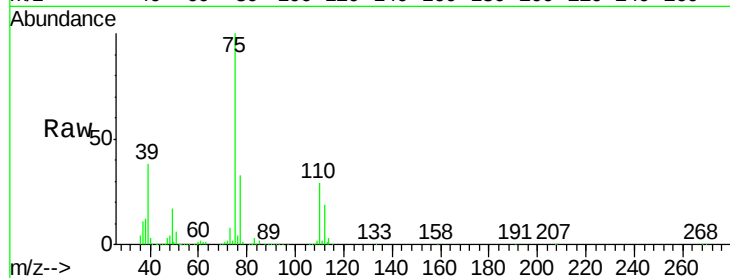
VSTDICCC050

Tot Ion: 75 Resp: 388704

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 55.260 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

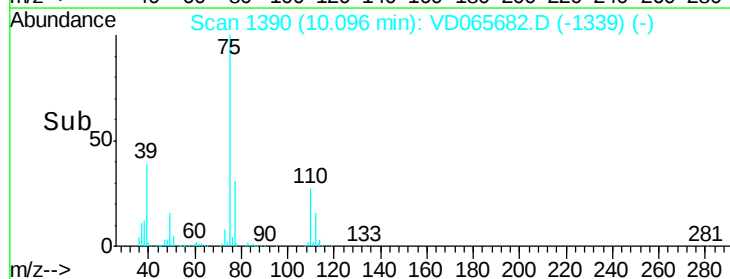
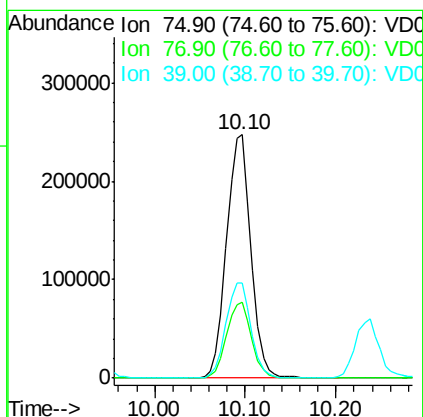
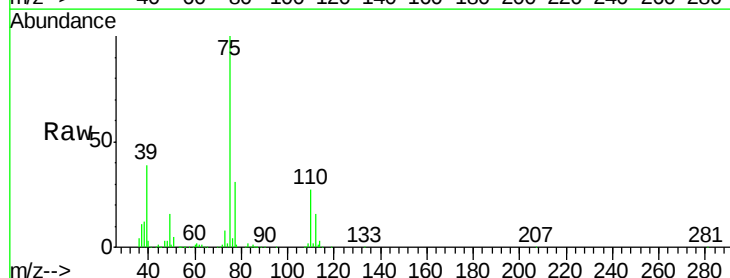
Tgt Ion: 75 Resp: 462167

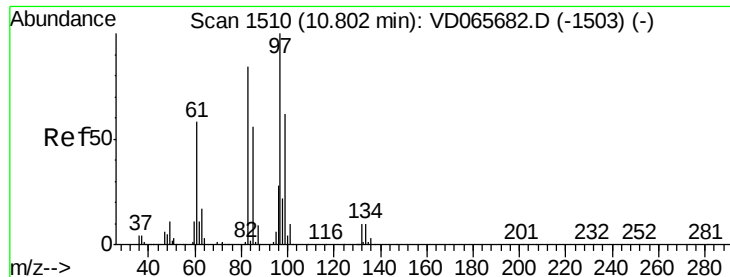
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 39.0 31.2 46.8

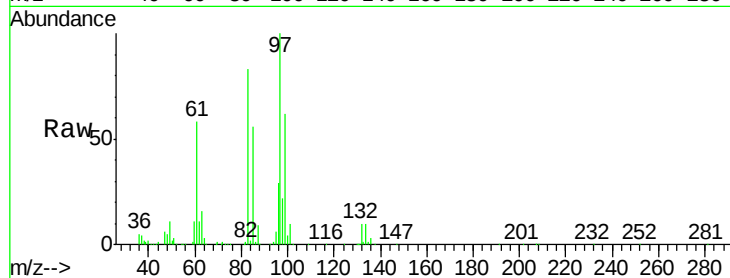




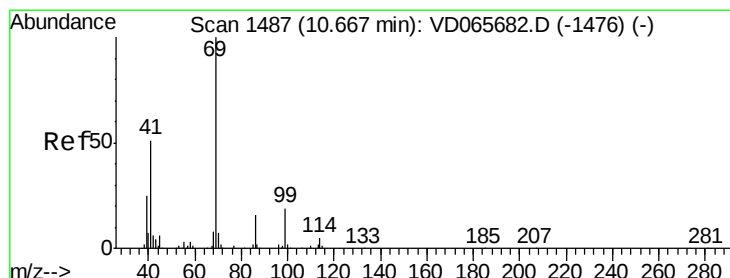
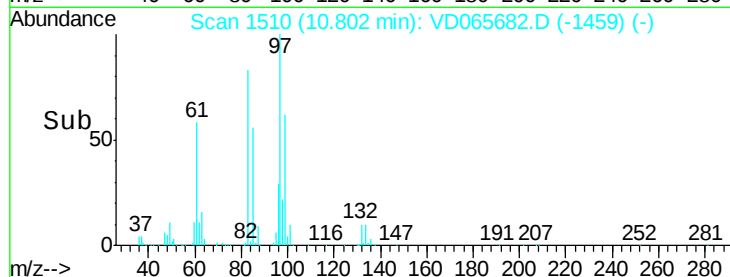
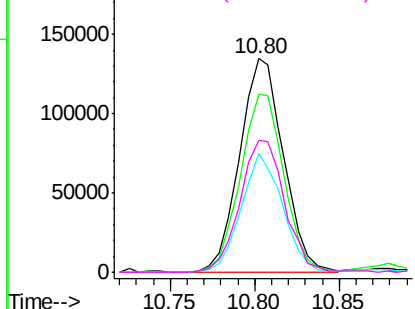
#55
 1,1,2-Trichloroethane
 Concen: 50.952 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	242147
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.8	100.2
85	55.5	44.4	66.6
99	61.6	49.3	73.9

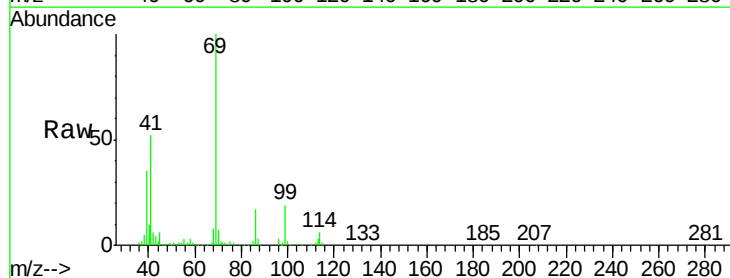


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

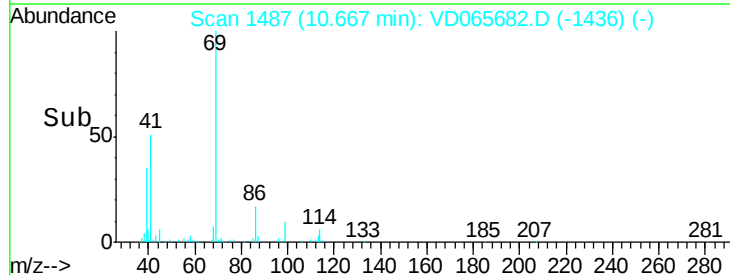
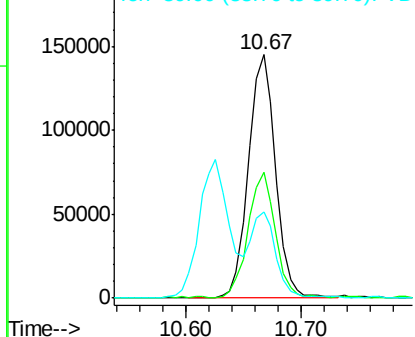


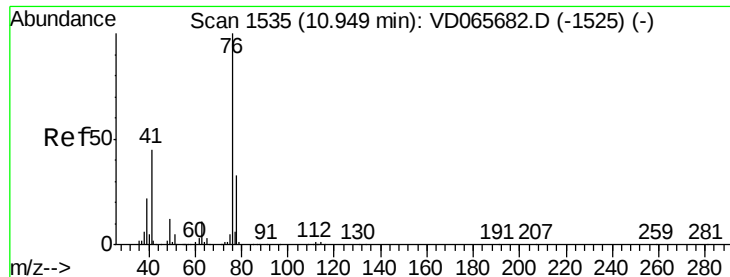
#56
 Ethyl methacrylate
 Concen: 65.816 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion:	69	Resp:	237509
Ion	Ratio	Lower	Upper
69	100		
41	51.1	40.9	61.3
39	32.3	25.8	38.8



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





#57

1,3-Dichloropropane

Concen: 53.302 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

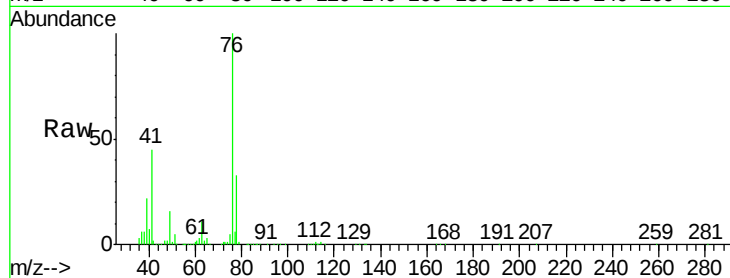
VSTDICCC050

Tot Ion: 76 Resp: 379983

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

200000

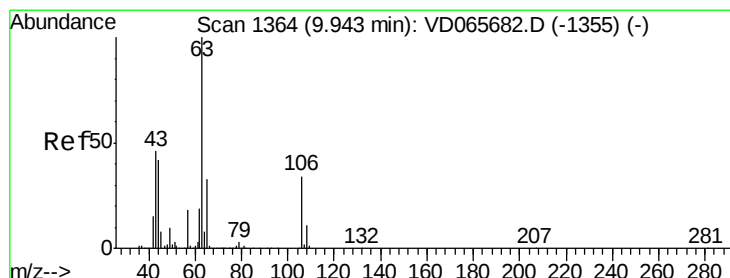
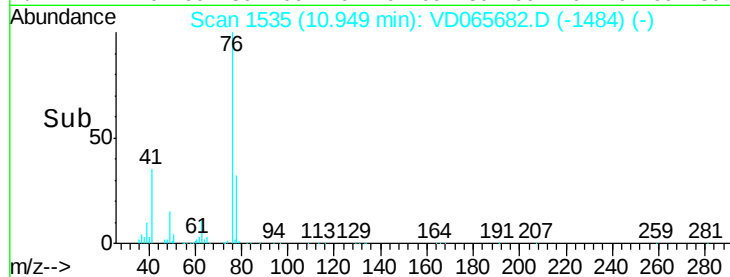
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 297.149 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065682.D

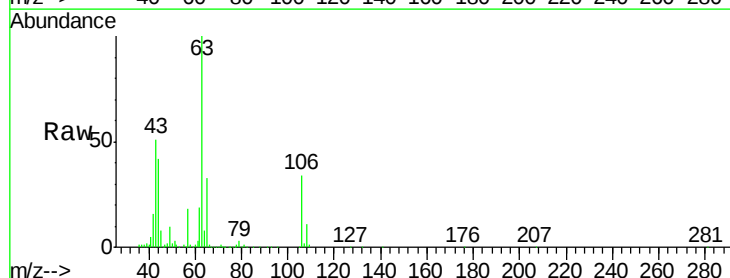
Acq: 29 Apr 2020 14:59

Tgt Ion: 63 Resp: 542369

Ion Ratio Lower Upper

63 100

106 34.8 27.8 41.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

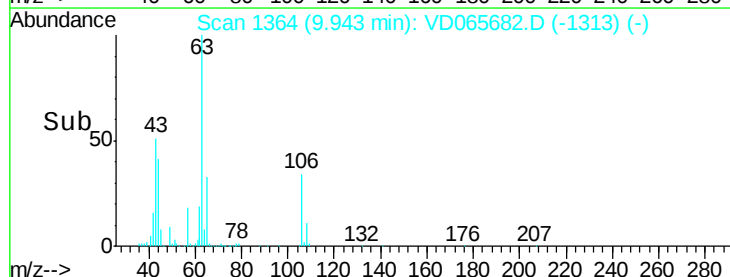
300000

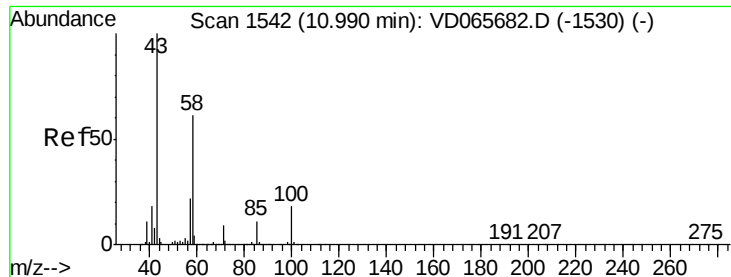
200000

100000

0

Time-->

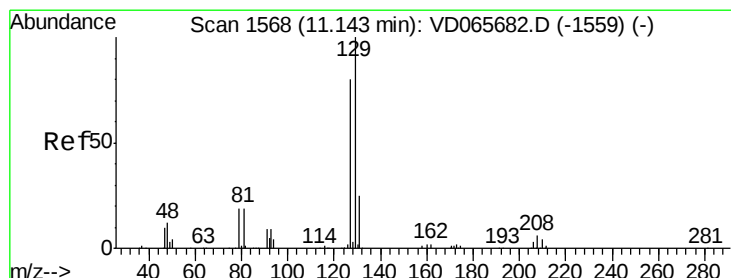
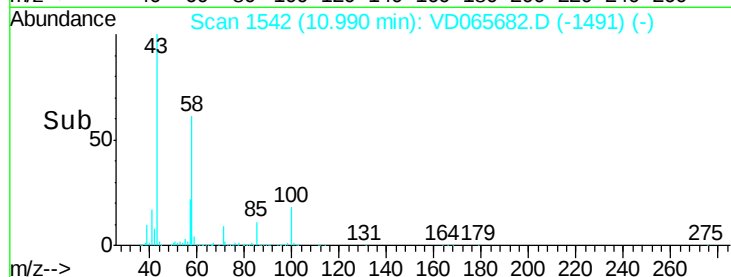
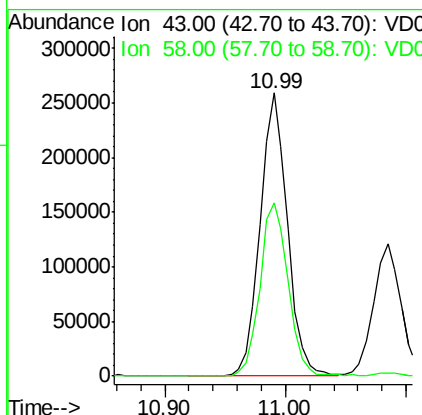
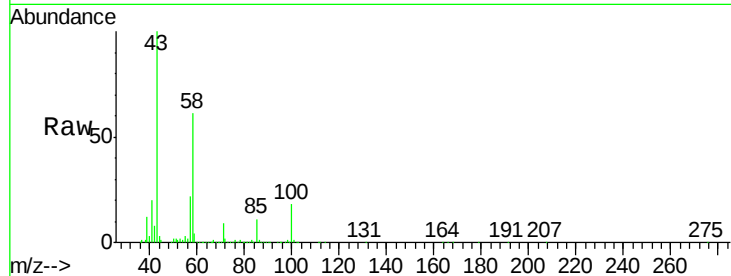




#59
2-Hexanone
Concen: 304.702 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

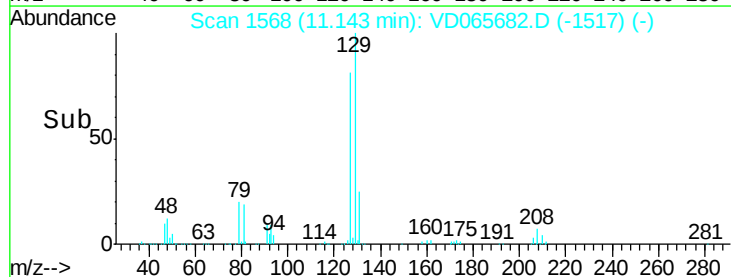
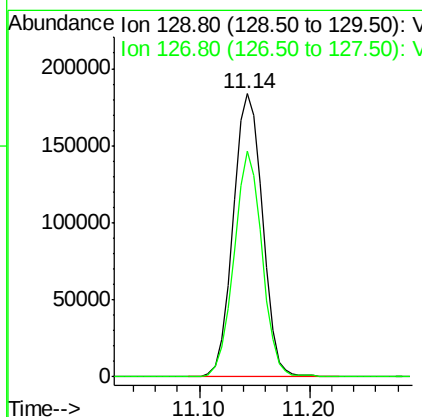
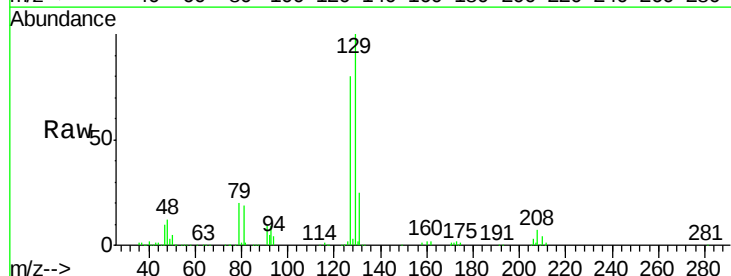
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

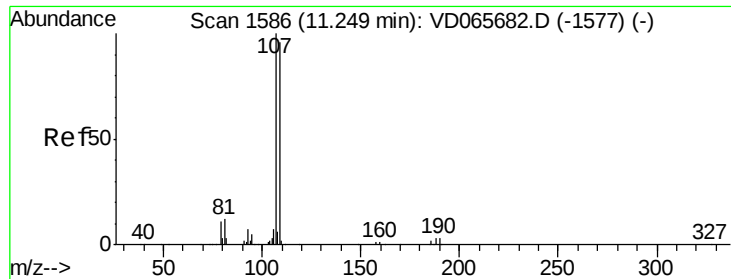
Tot Ion: 43 Resp: 409756
Ion Ratio Lower Upper
43 100
58 63.0 31.5 94.5



#60
Dibromochloromethane
Concen: 54.430 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 129 Resp: 344300
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5

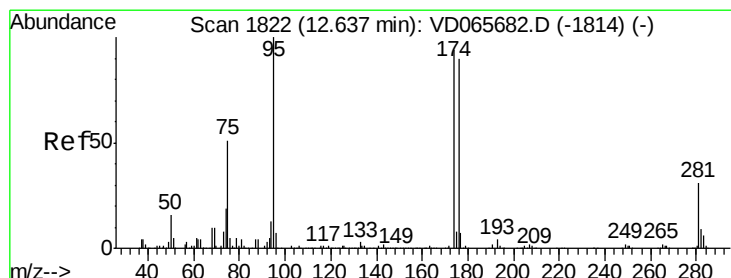
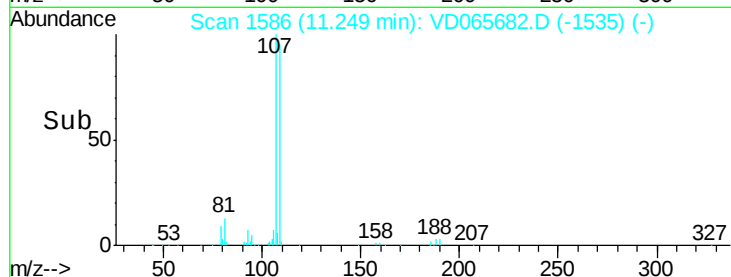
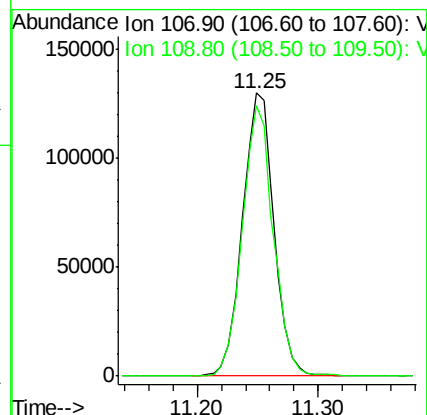
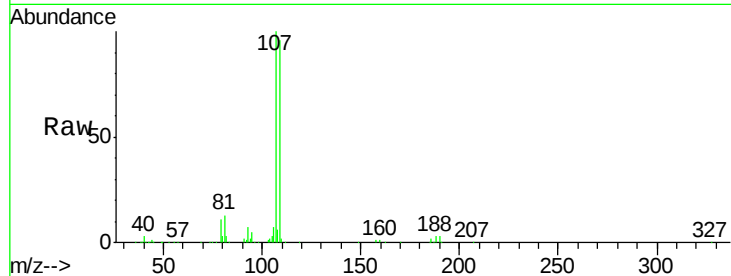




#61
 1,2-Dibromoethane
 Concen: 53.802 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

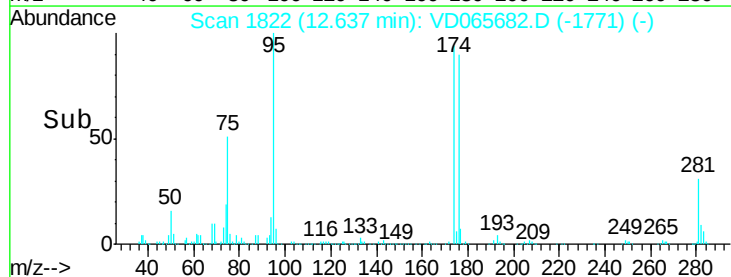
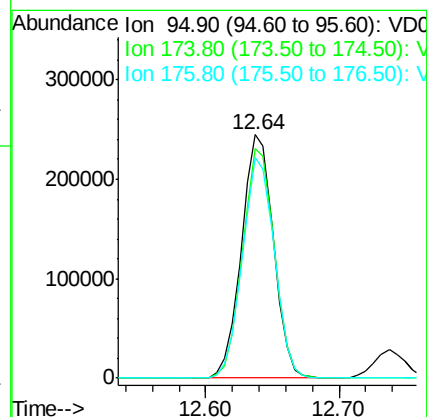
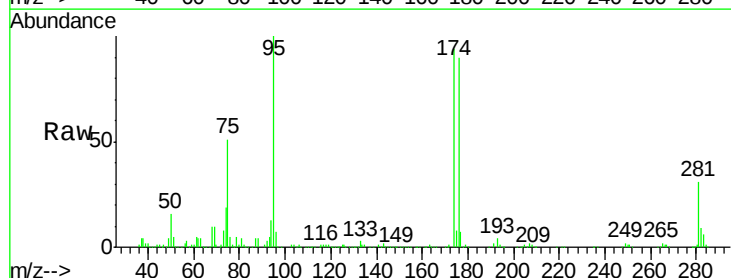
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

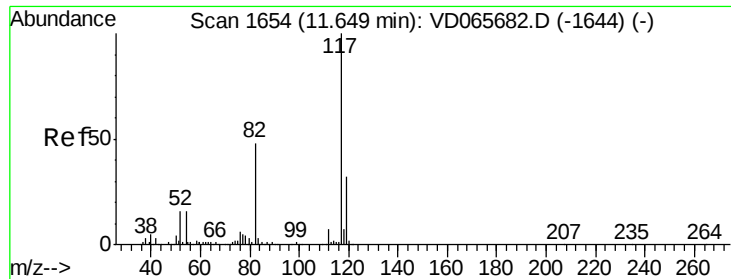
Tot Ion: 107 Resp: 235523
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 57.055 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion: 95 Resp: 404949
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 187.6
 176 90.7 0.0 181.4

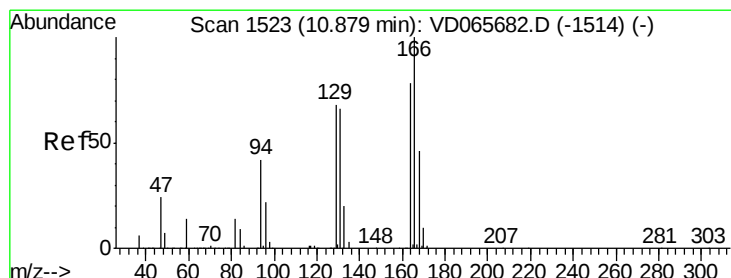
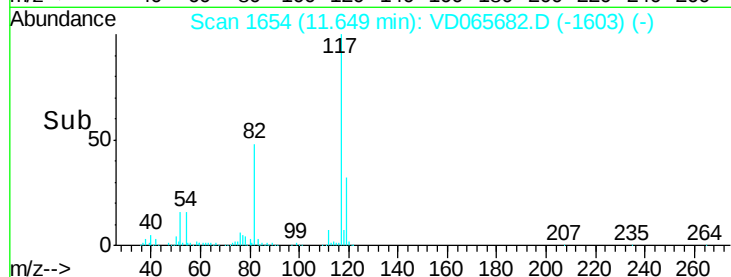
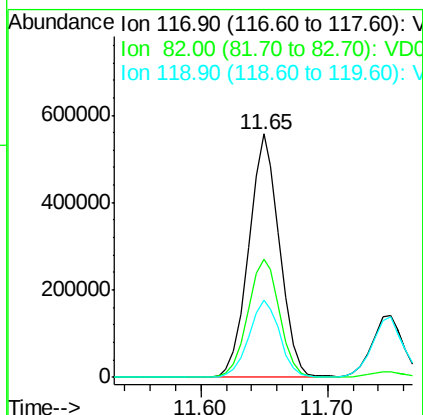
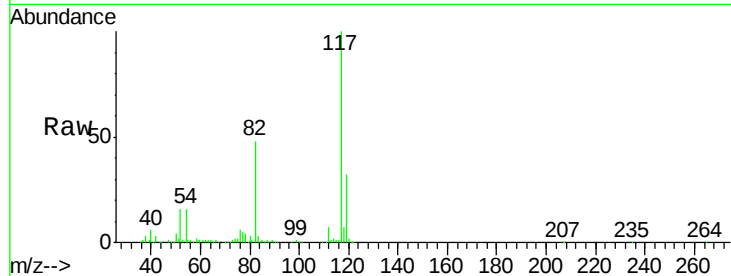




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

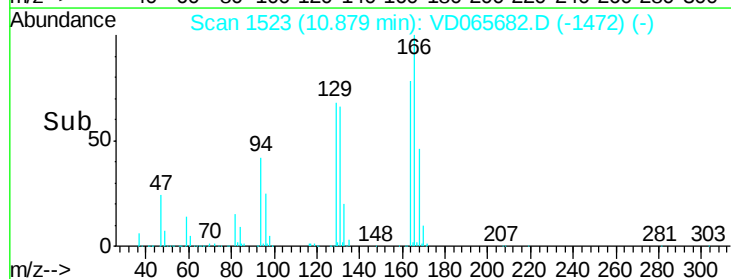
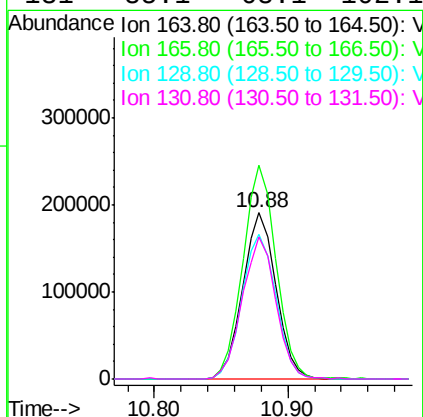
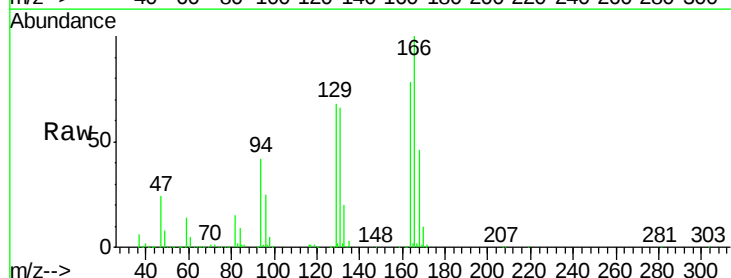
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

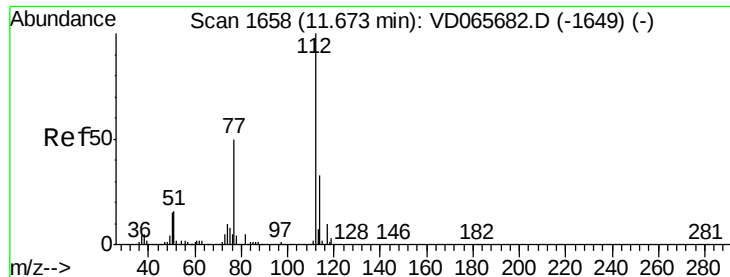
Tot Ion:117 Resp: 938424
Ion Ratio Lower Upper
117 100
82 48.3 38.6 58.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 50.326 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion:164 Resp: 327852
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 87.4 69.9 104.9
131 85.1 68.1 102.1





#65

Chlorobenzene

Concen: 50.544 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

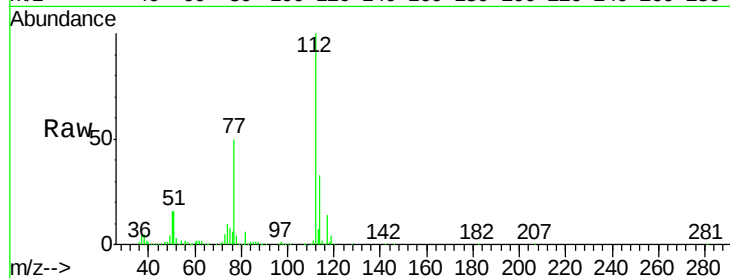
VSTDICCC050

Tot Ion:112 Resp: 942997

Ion Ratio Lower Upper

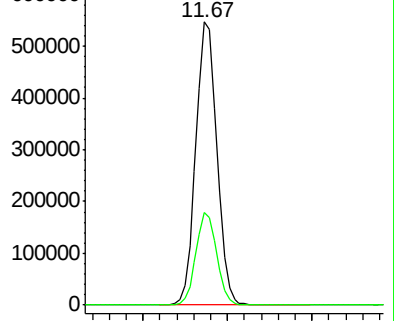
112 100

114 32.8 26.2 39.4

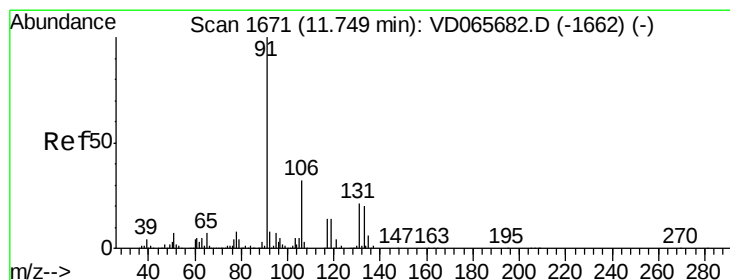
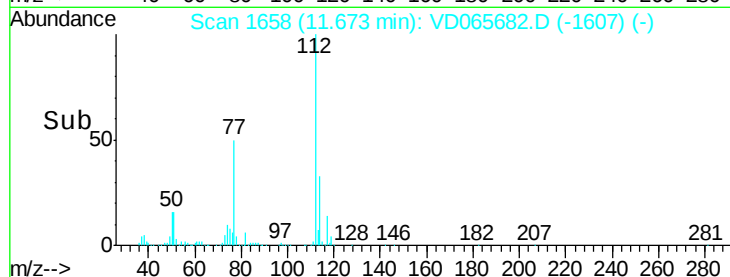


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.936 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

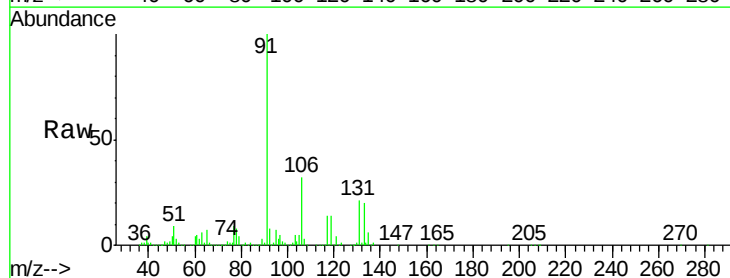
Tgt Ion:131 Resp: 365852

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.8

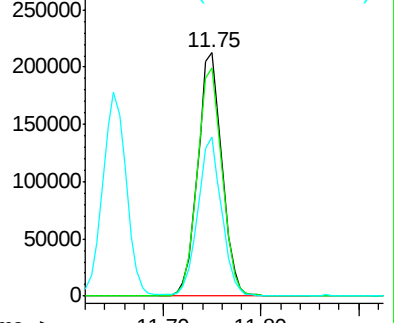
119 64.3 32.1 96.5



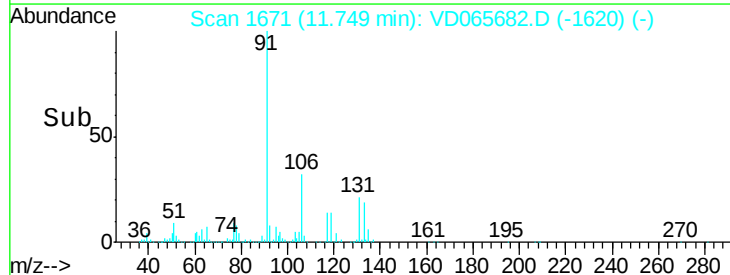
Abundance Ion 130.80 (130.50 to 131.50): V

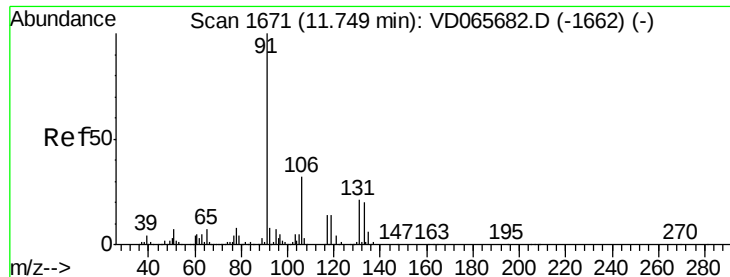
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 56.646 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

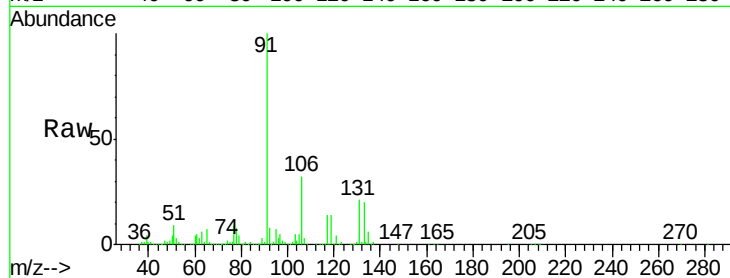
VSTDICCC050

Tot Ion: 91 Resp: 1642309

Ion Ratio Lower Upper

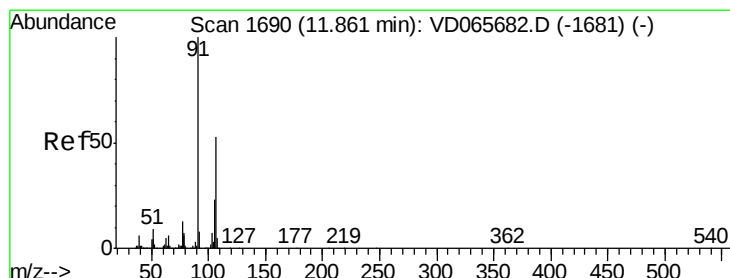
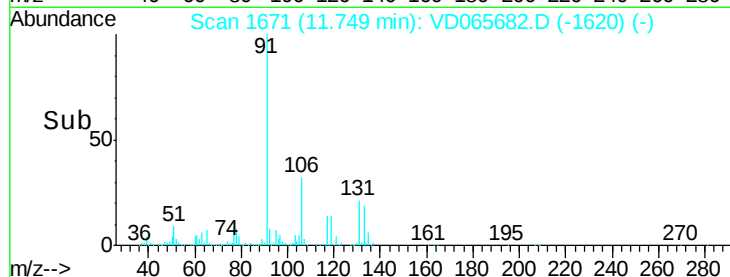
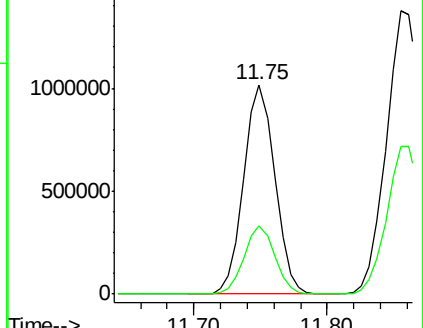
91 100

106 32.3 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 116.081 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065682.D

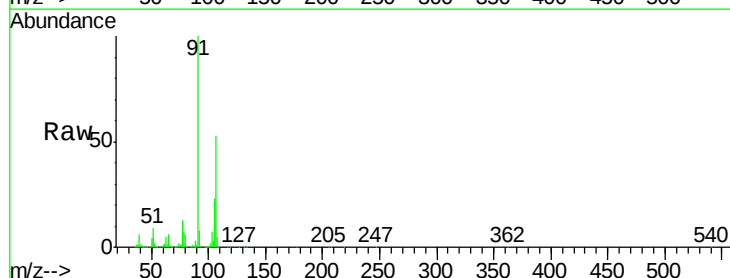
Acq: 29 Apr 2020 14:59

Tgt Ion: 106 Resp: 1345874

Ion Ratio Lower Upper

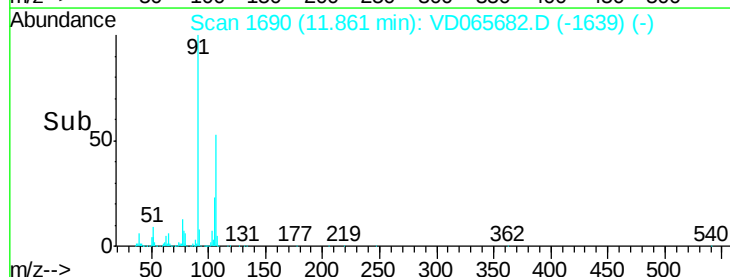
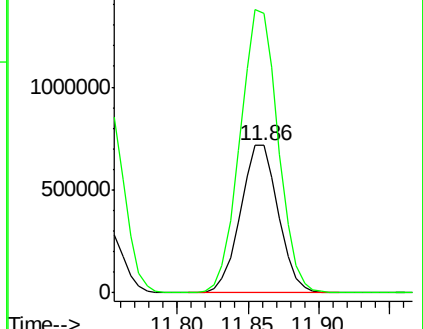
106 100

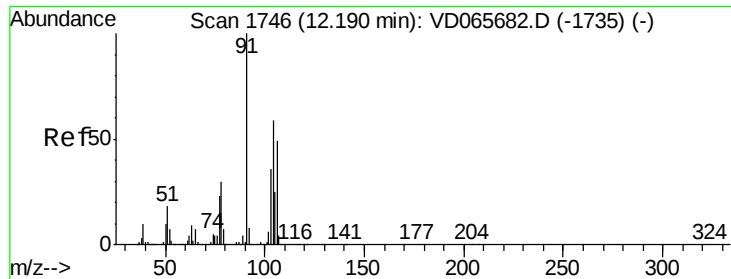
91 193.1 154.5 231.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

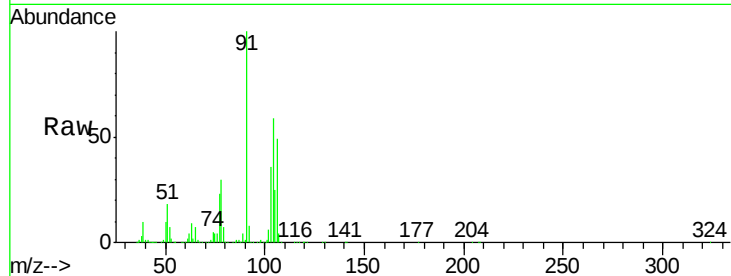




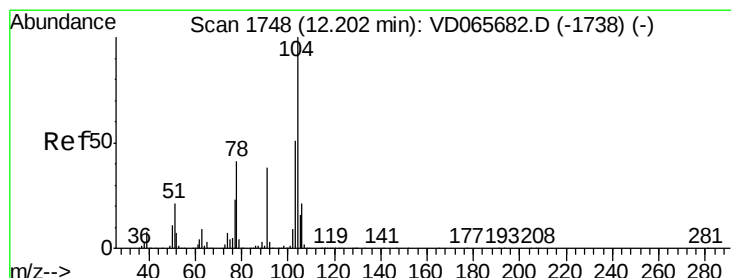
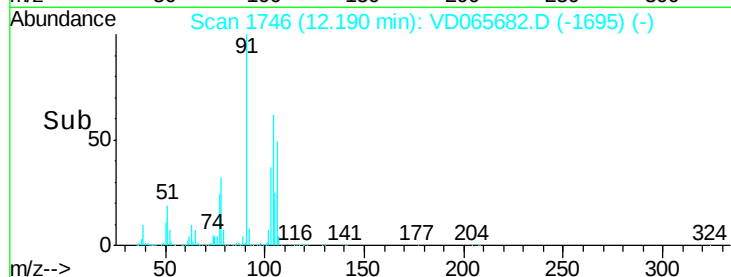
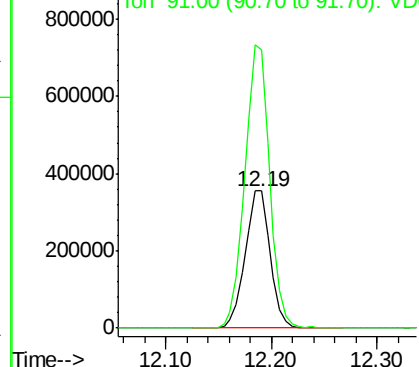
#69
o-Xylene
Concen: 59.484 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 580720
Ion Ratio Lower Upper
106 100
91 204.8 102.4 307.2

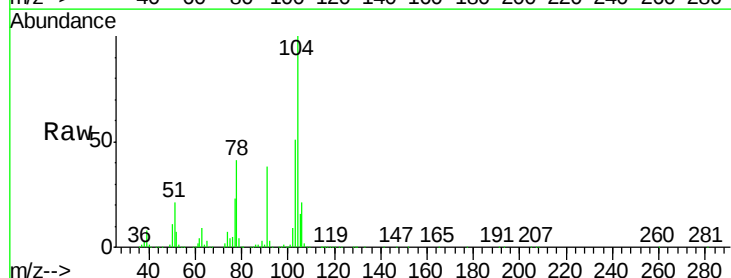


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

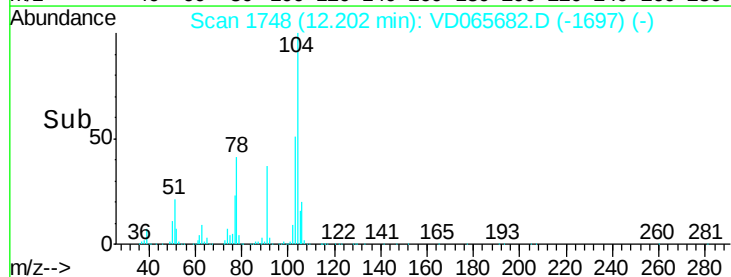
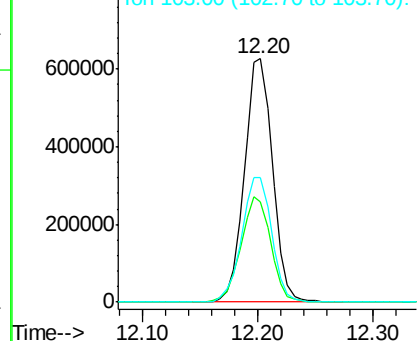


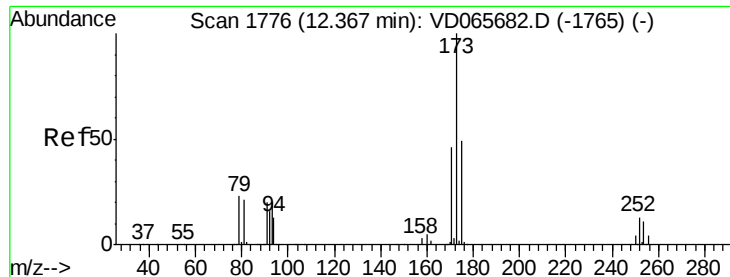
#70
Styrene
Concen: 60.873 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion:104 Resp: 1058546
Ion Ratio Lower Upper
104 100
78 45.6 36.5 54.7
103 54.8 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V

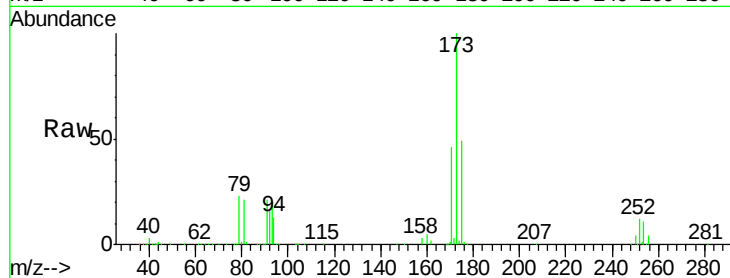




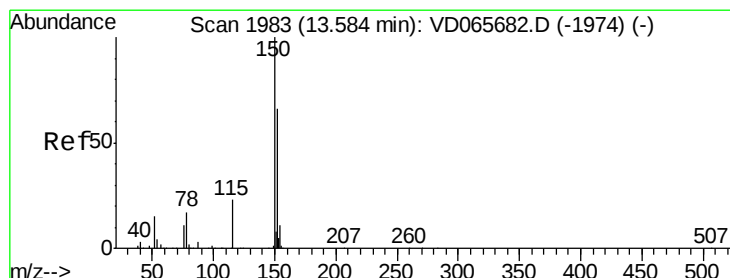
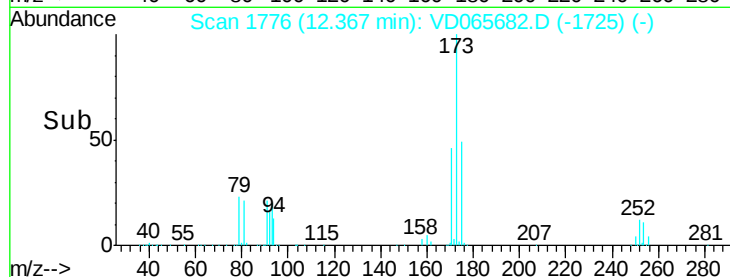
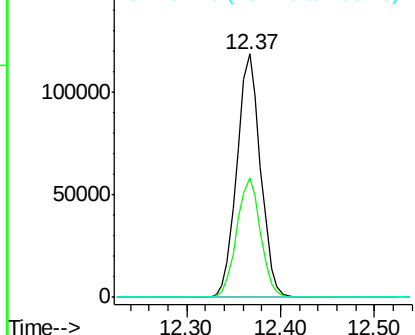
#71
 Bromoform
 Concen: 52.483 ug/l
 RT: 12.37 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:173 Resp: 206450
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.6 74.0
 254 0.1 0.1 0.1#

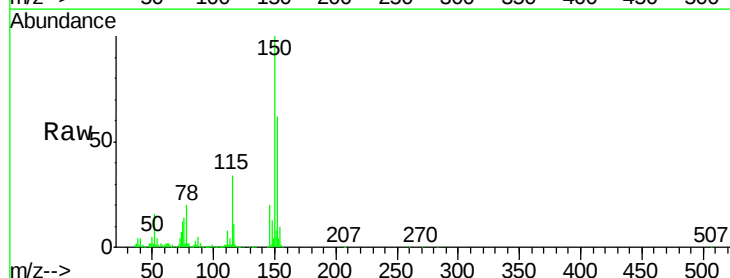


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

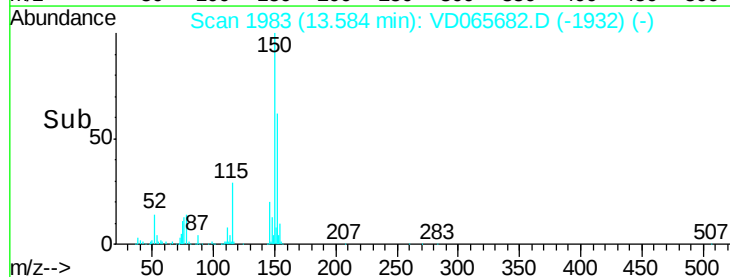
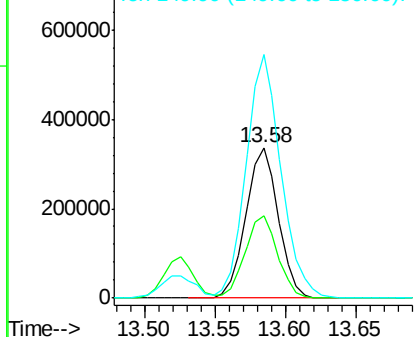


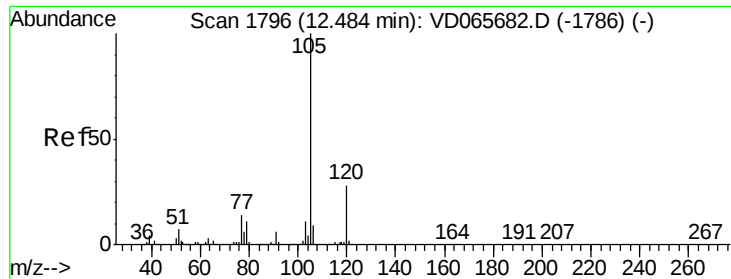
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion:152 Resp: 542984
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.5 82.4
 150 173.5 0.0 347.0



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: 58.064 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

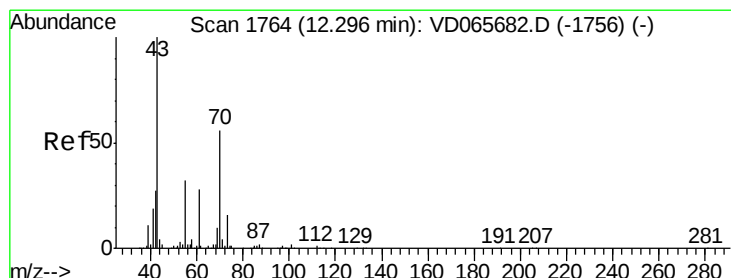
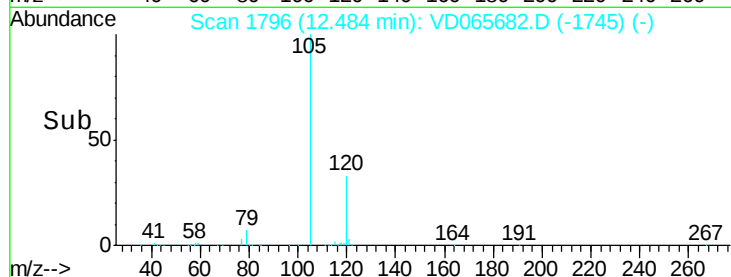
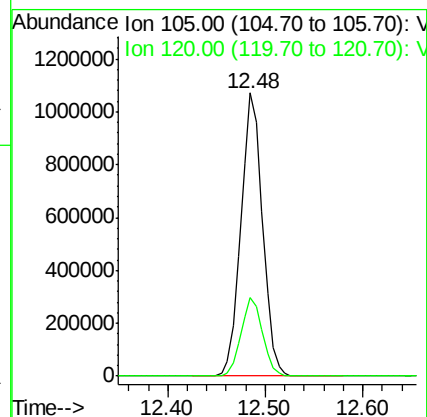
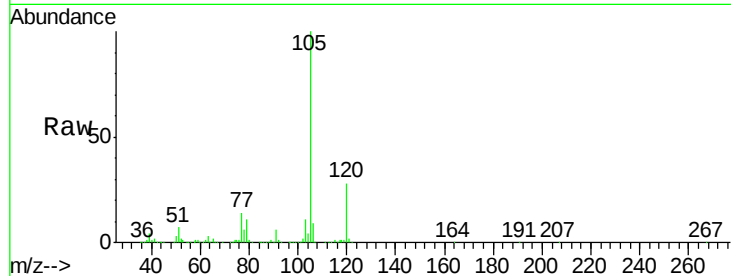
VSTDICCC050

Tot Ion:105 Resp: 1641273

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 53.933 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Tgt Ion: 43 Resp: 210663

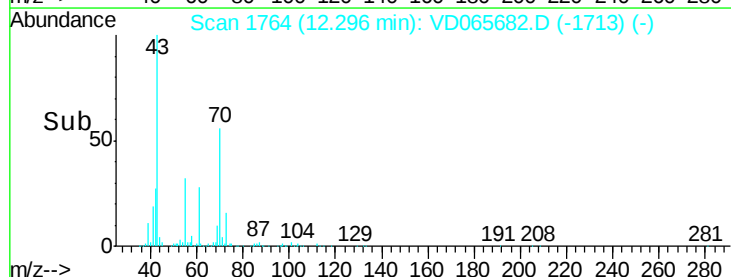
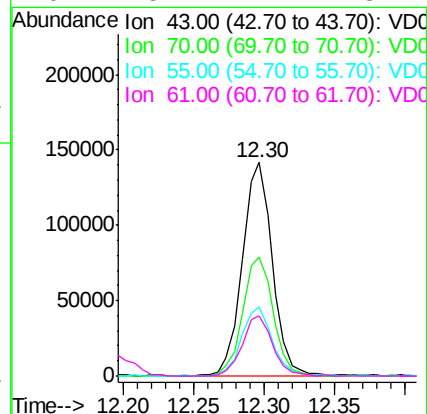
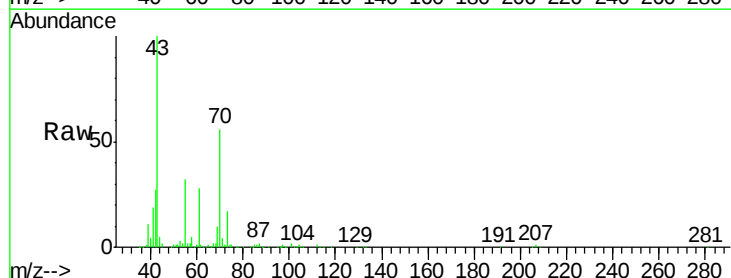
Ion Ratio Lower Upper

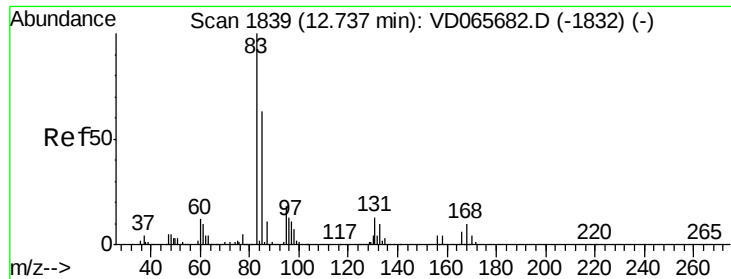
43 100

70 56.9 45.5 68.3

55 33.3 26.6 40.0

61 28.4 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.607 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

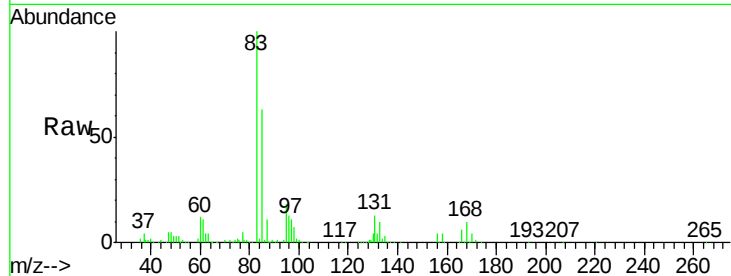
Tot Ion: 83 Resp: 262692

Ion Ratio Lower Upper

83 100

131 11.7 5.9 17.6

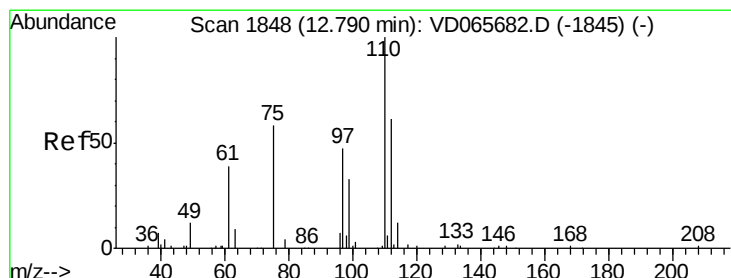
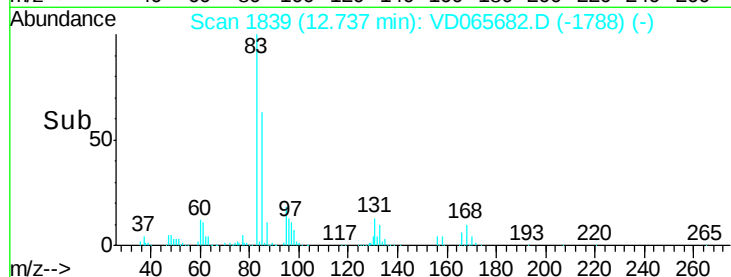
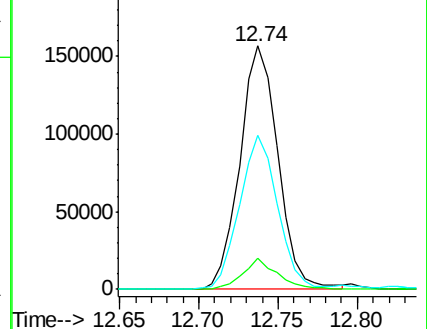
85 63.0 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 32.418 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065682.D

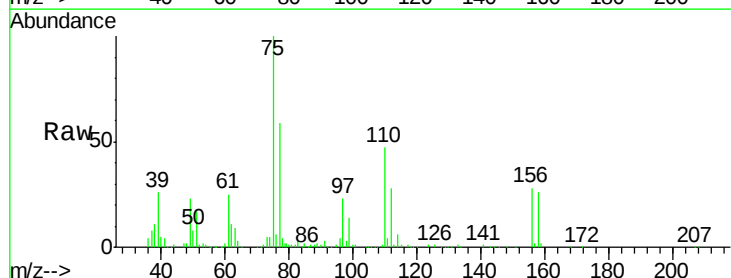
Acq: 29 Apr 2020 14:59

Tgt Ion: 75 Resp: 198727

Ion Ratio Lower Upper

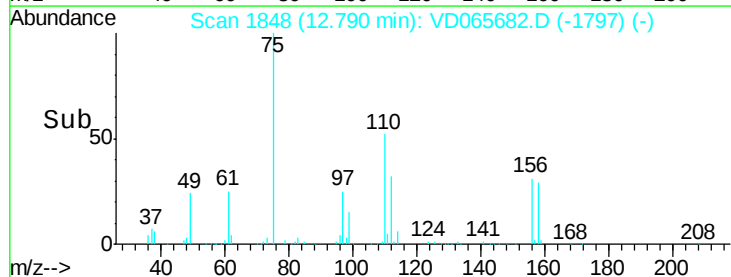
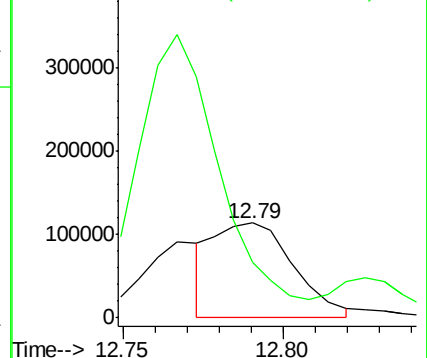
75 100

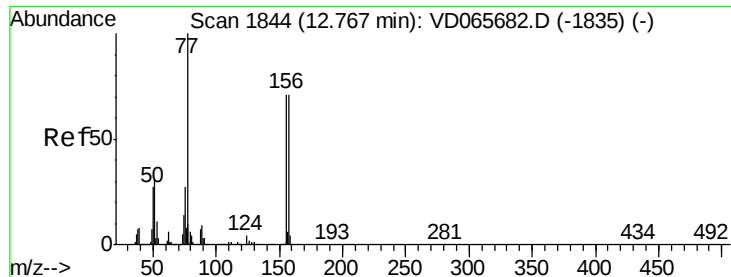
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.113 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

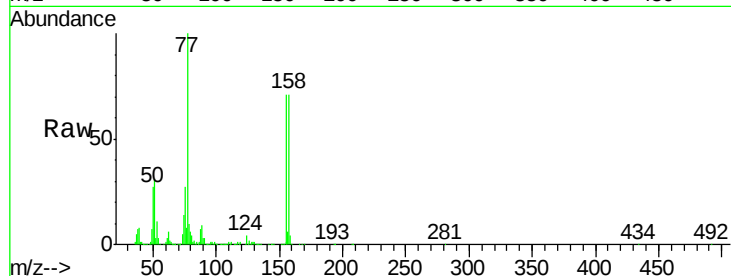
Tot Ion:156 Resp: 413218

Ion Ratio Lower Upper

156 100

77 150.6 75.3 225.9

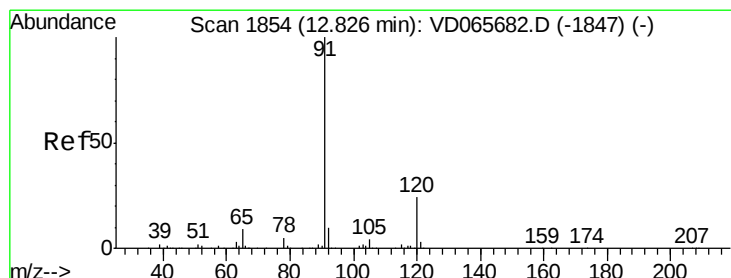
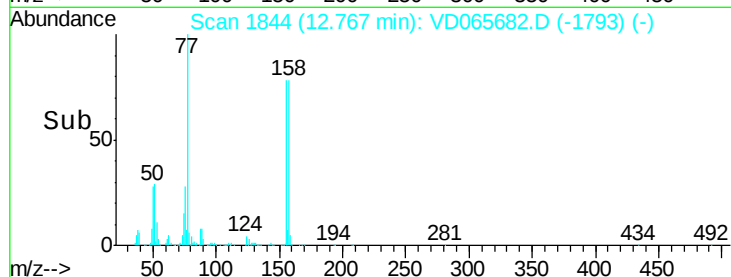
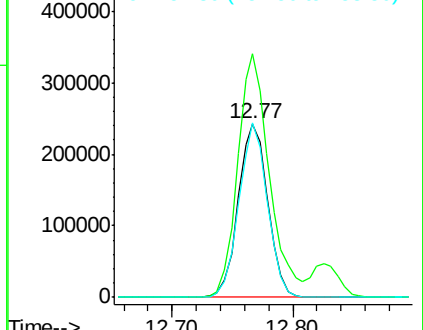
158 96.8 48.4 145.2



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: 55.855 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065682.D

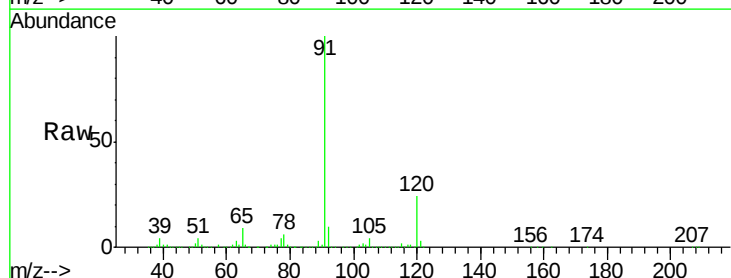
Acq: 29 Apr 2020 14:59

Tgt Ion: 91 Resp: 1952365

Ion Ratio Lower Upper

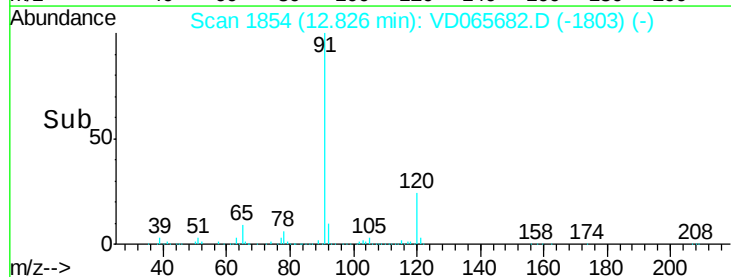
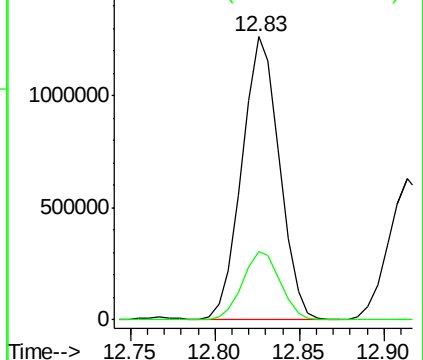
91 100

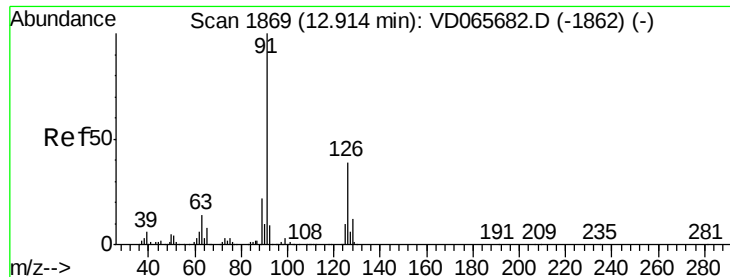
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

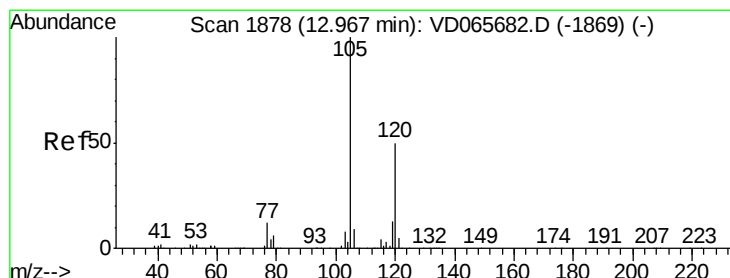
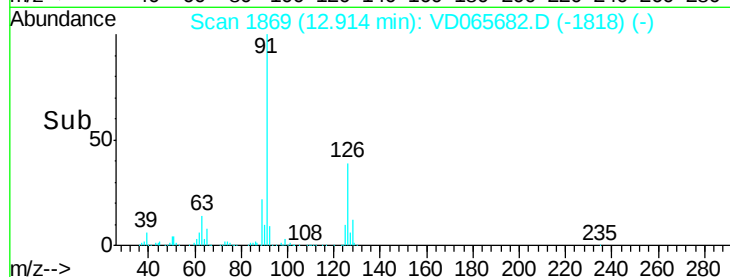
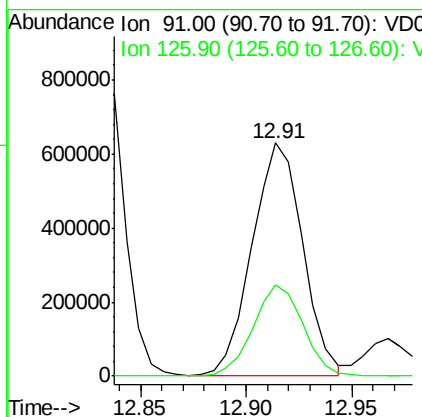
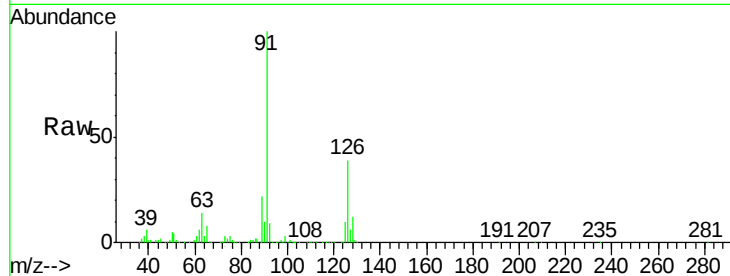




#79
 2-Chlorotoluene
 Concen: 52.939 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

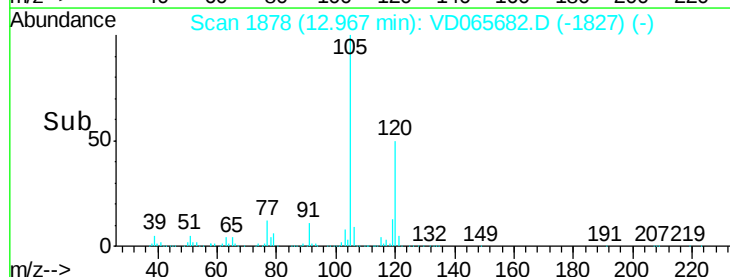
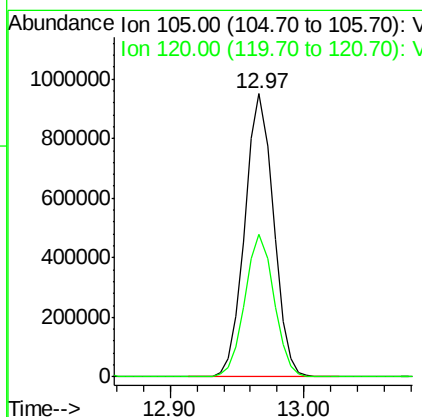
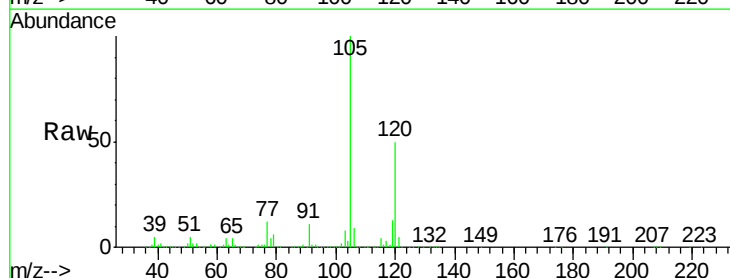
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

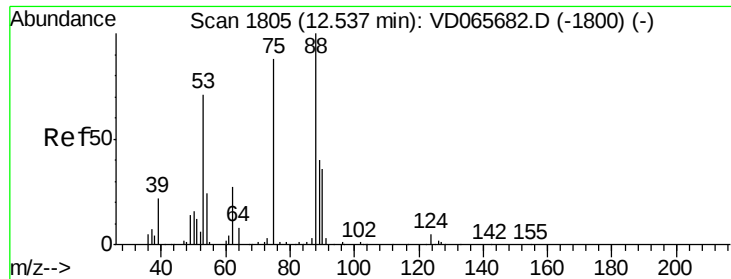
Tot Ion: 91 Resp: 1047827
 Ion Ratio Lower Upper
 91 100
 126 38.6 19.3 57.9



#80
 1,3,5-Trimethylbenzene
 Concen: 57.221 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion: 105 Resp: 1409424
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.116 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

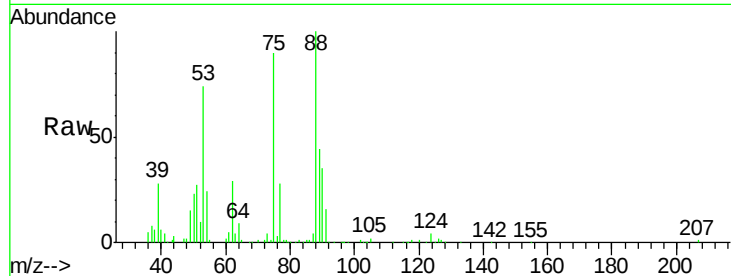
Tot Ion: 75 Resp: 81437

Ion Ratio Lower Upper

75 100

53 88.1 70.5 105.7

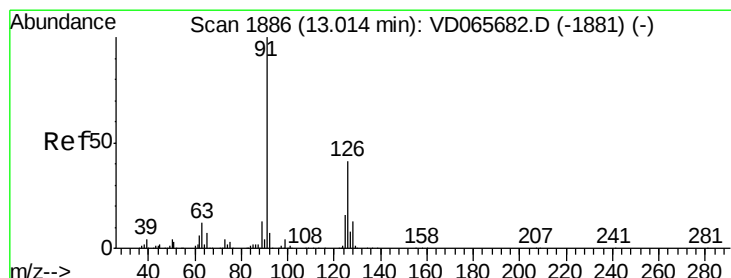
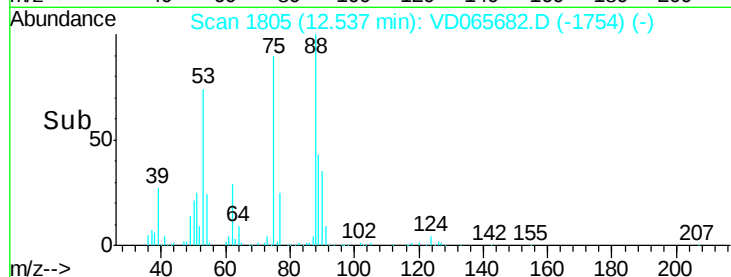
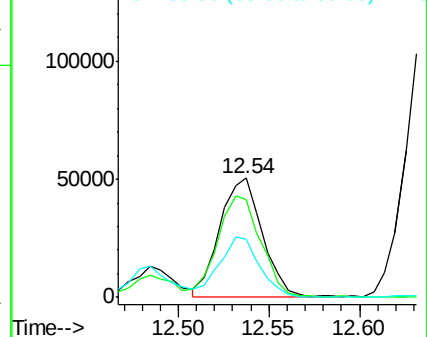
89 48.8 39.0 58.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 53.035 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065682.D

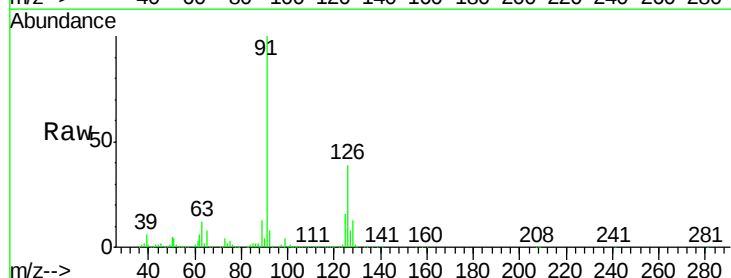
Acq: 29 Apr 2020 14:59

Tgt Ion: 91 Resp: 1136337

Ion Ratio Lower Upper

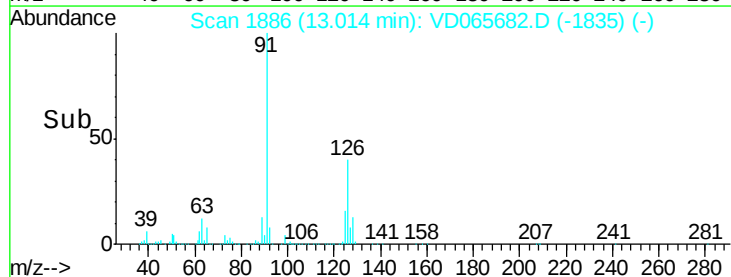
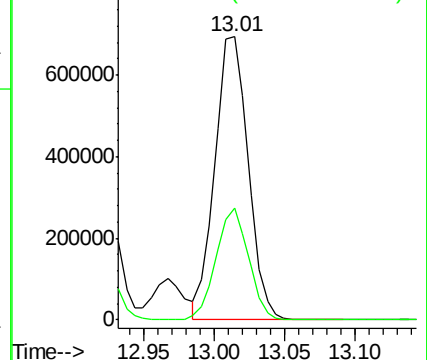
91 100

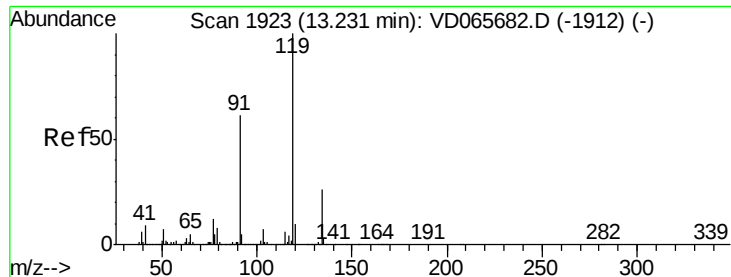
126 38.6 19.3 57.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

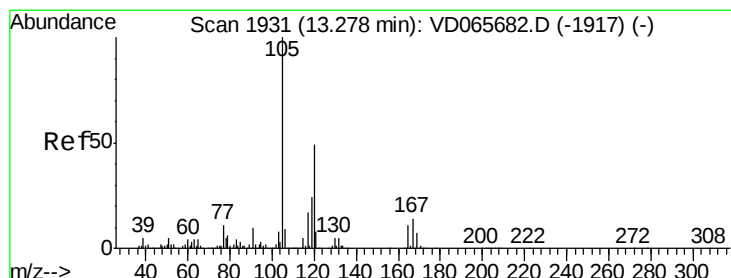
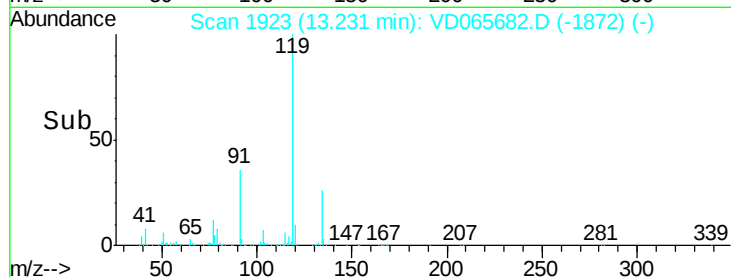
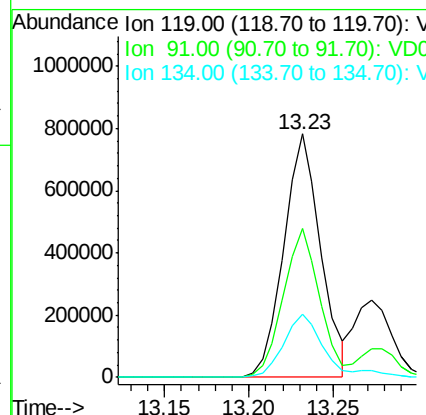
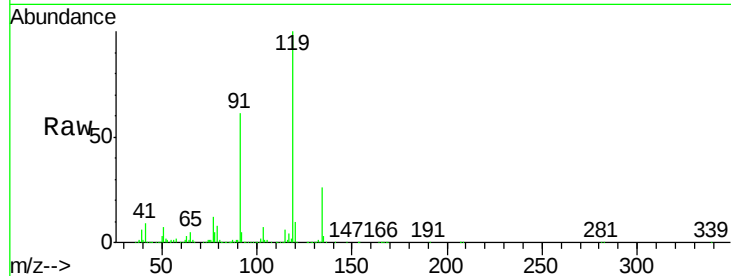




#83
tert-Butylbenzene
Concen: 58.450 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

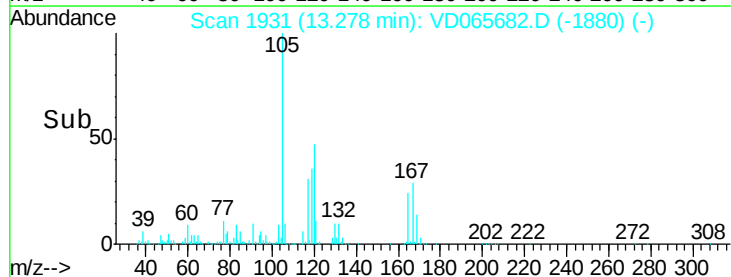
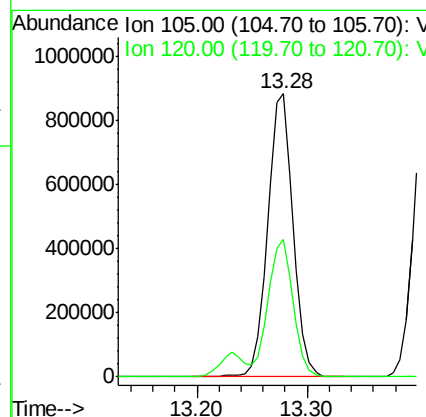
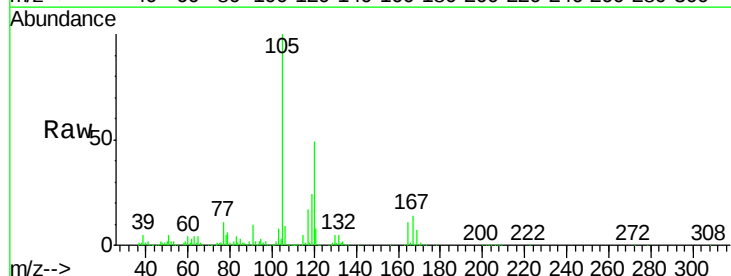
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

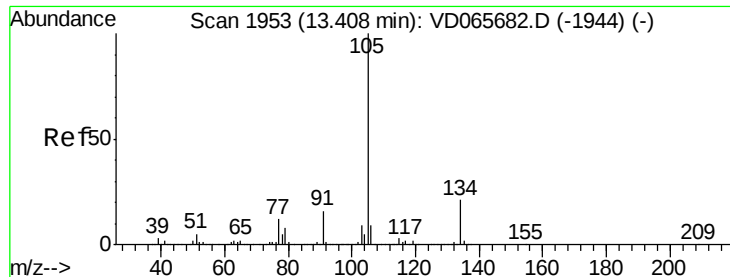
Tot Ion:119 Resp: 1188555
Ion Ratio Lower Upper
119 100
91 61.2 30.6 91.8
134 28.6 14.3 42.9



#84
1,2,4-Trimethylbenzene
Concen: 58.251 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion:105 Resp: 1417953
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





#85

sec-Butylbenzene

Concen: 56.491 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

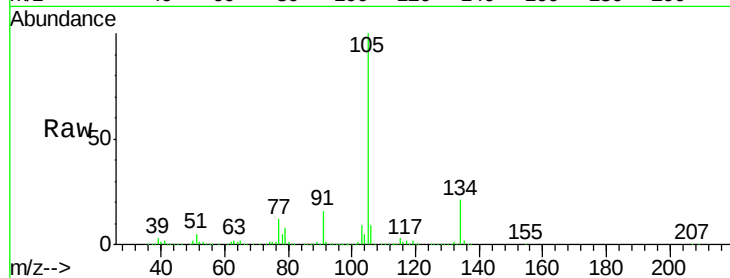
VSTDICCC050

Tot Ion:105 Resp: 1673683

Ion Ratio Lower Upper

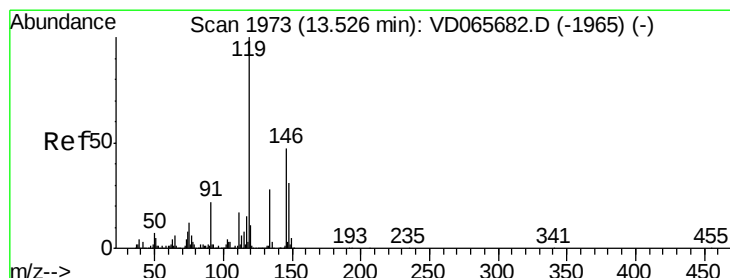
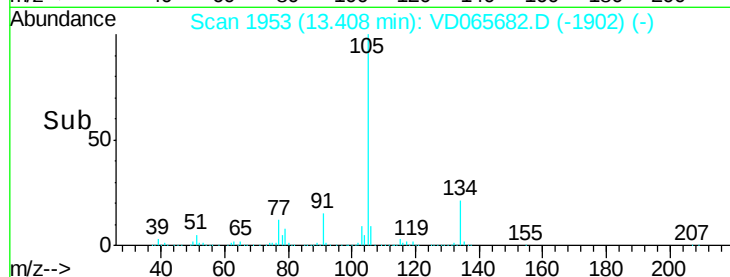
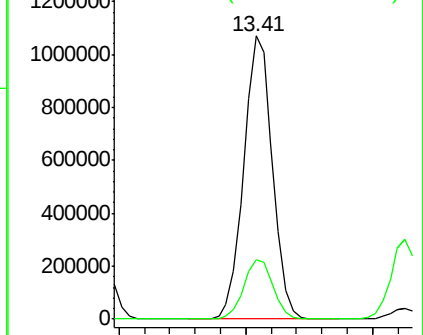
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.048 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

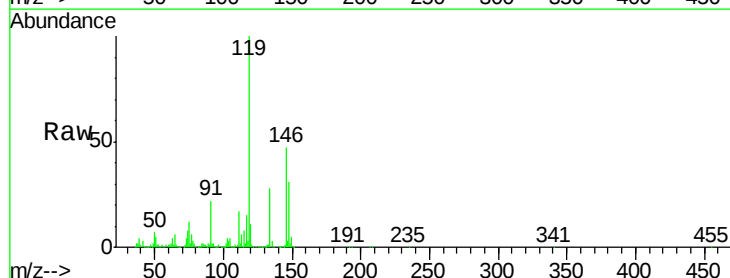
Tgt Ion:119 Resp: 1613351

Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

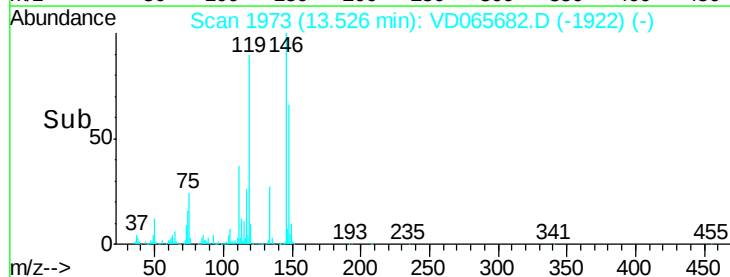
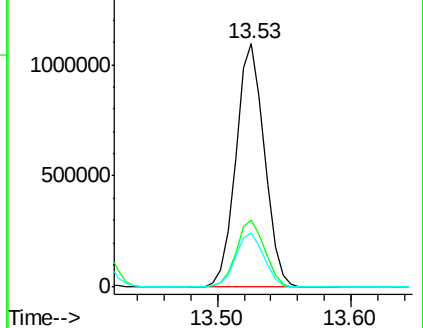
91 22.2 11.1 33.3

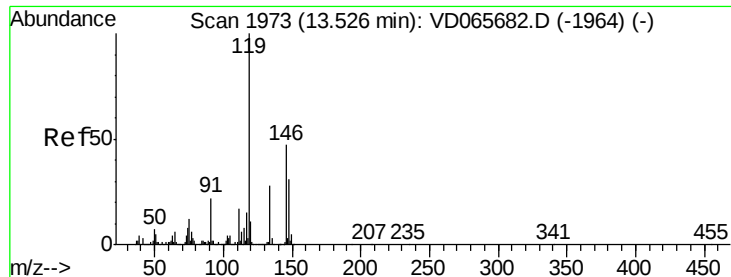


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.029 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

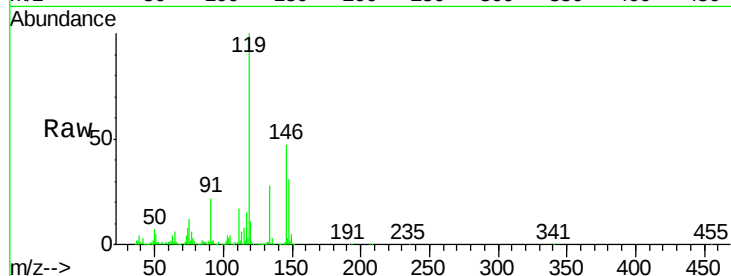
Tot Ion:146 Resp: 843861

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

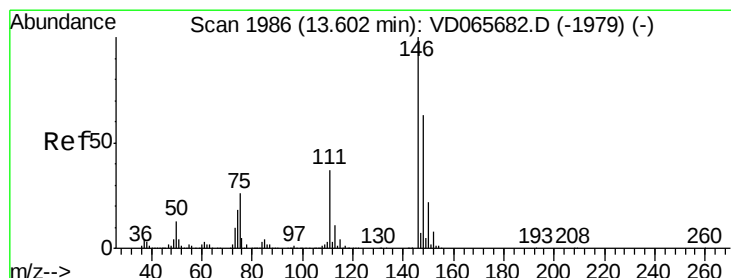
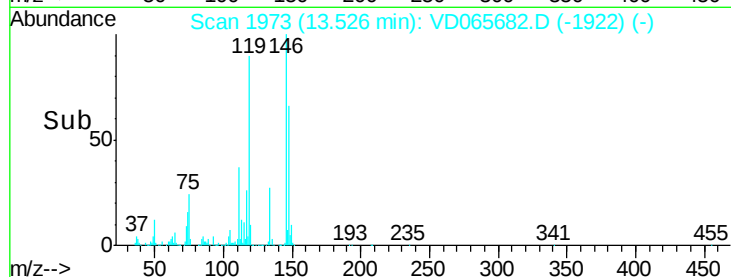
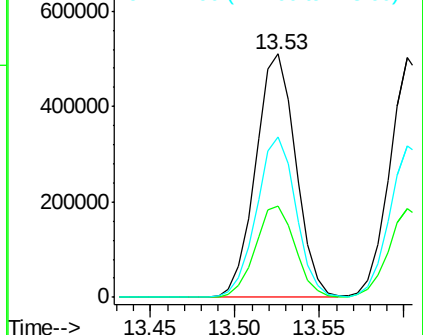
148 64.9 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.450 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065682.D

Acq: 29 Apr 2020 14:59

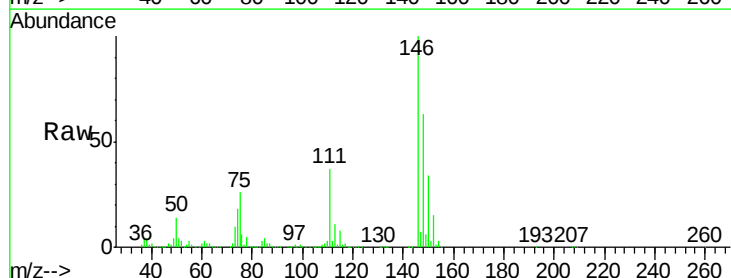
Tgt Ion:146 Resp: 832528

Ion Ratio Lower Upper

146 100

111 37.0 18.5 55.5

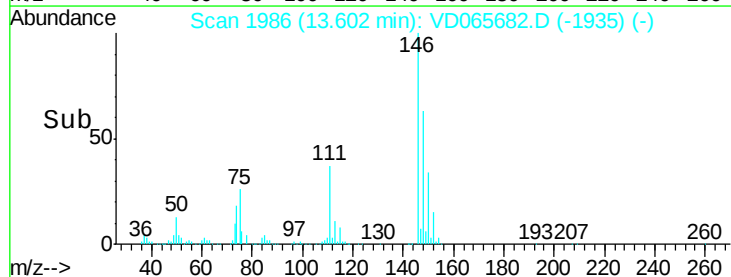
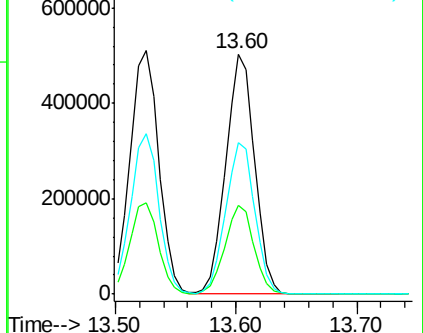
148 63.8 31.9 95.7

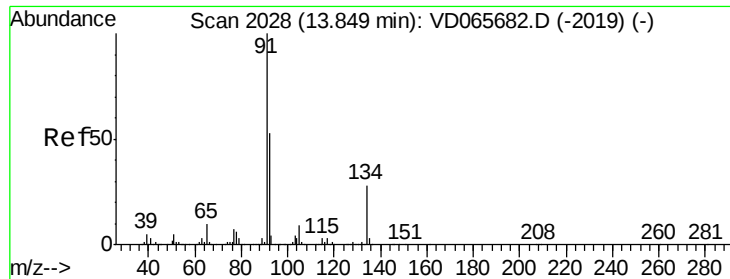


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

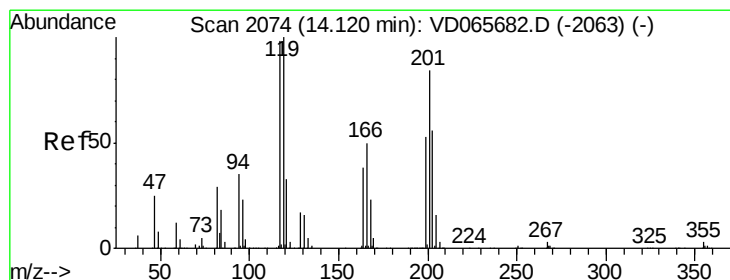
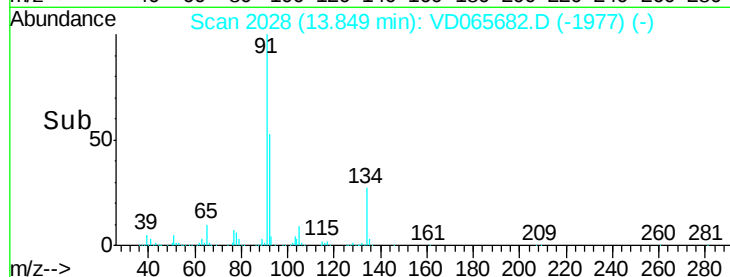
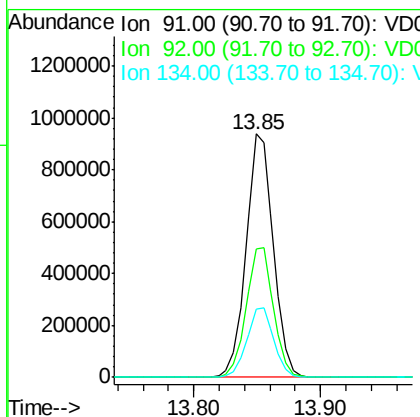
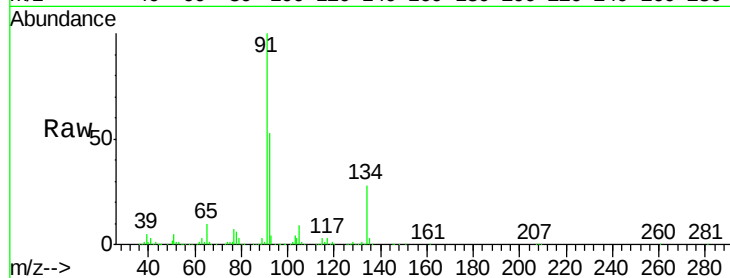




#89
n-Butylbenzene
Concen: 56.489 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

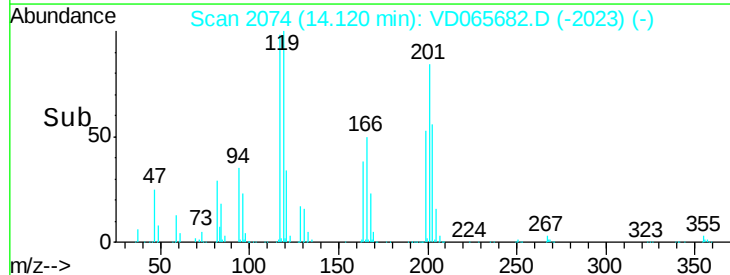
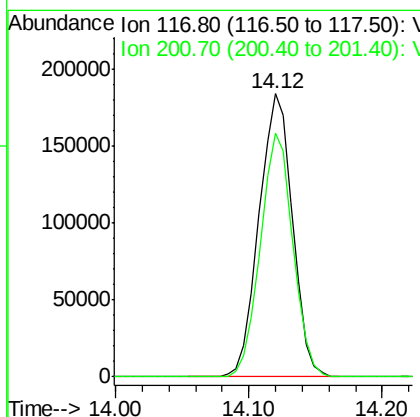
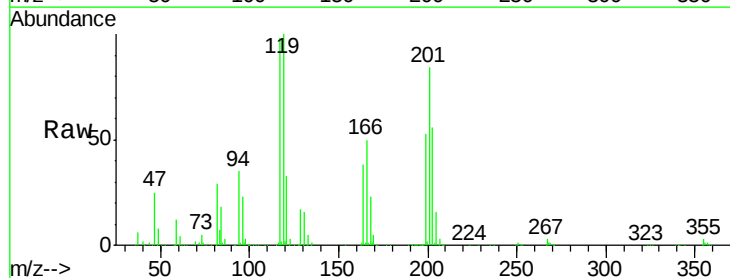
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

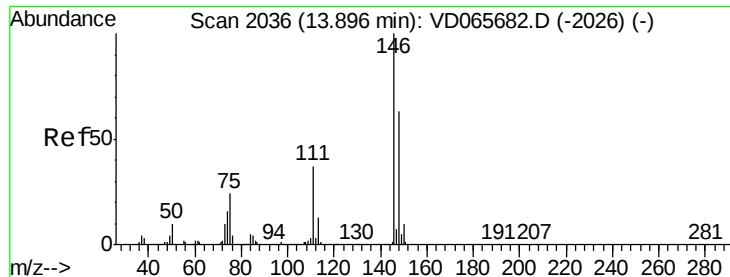
Tot Ion: 91 Resp: 1394090
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 28.3 14.1 42.4



#90
Hexachloroethane
Concen: 47.131 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion: 117 Resp: 319384
Ion Ratio Lower Upper
117 100
201 83.7 41.9 125.6

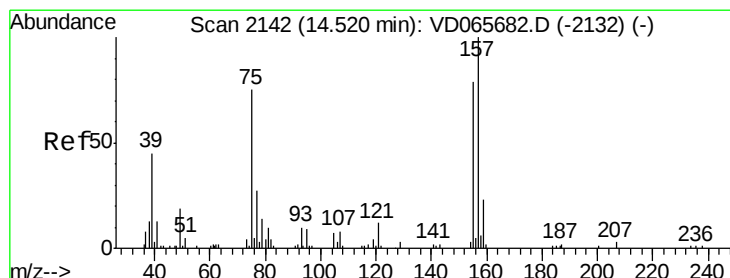
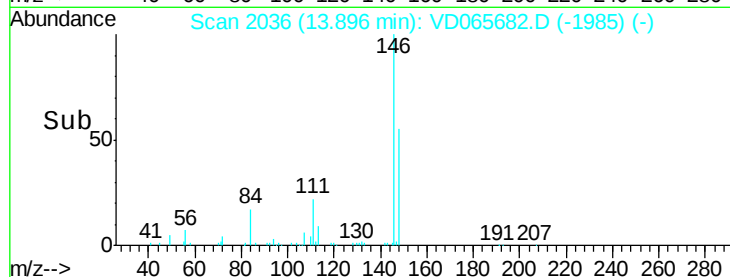
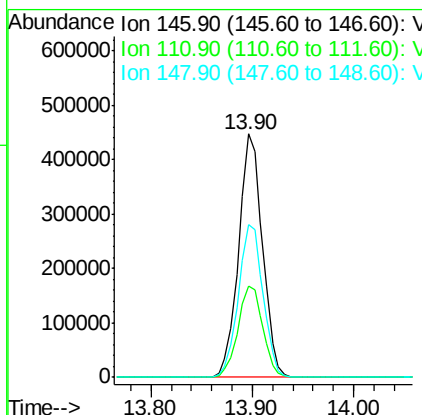
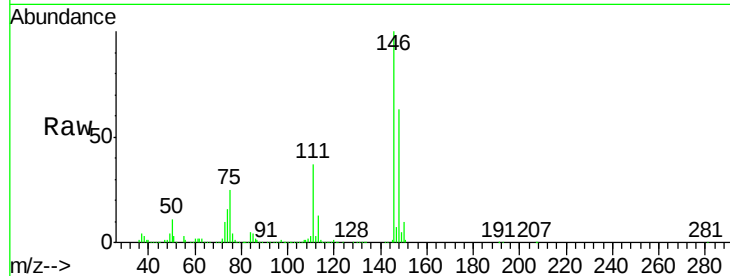




#91
 1,2-Dichlorobenzene
 Concen: 51.971 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

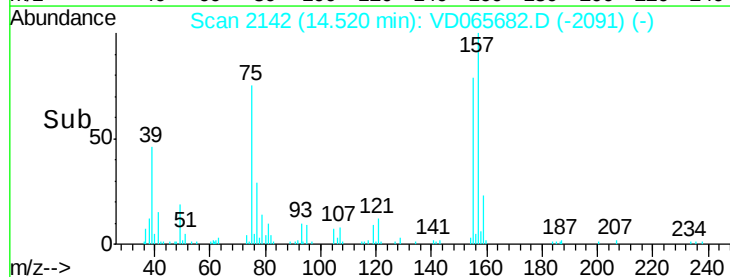
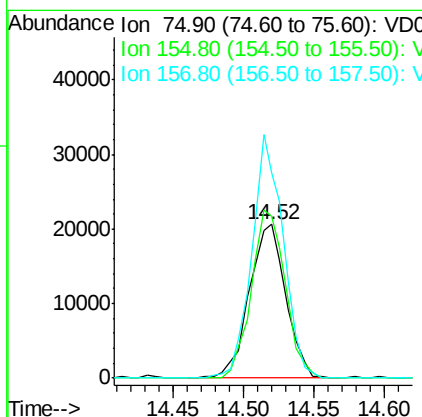
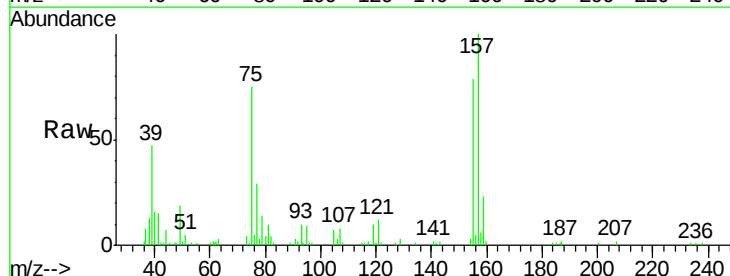
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

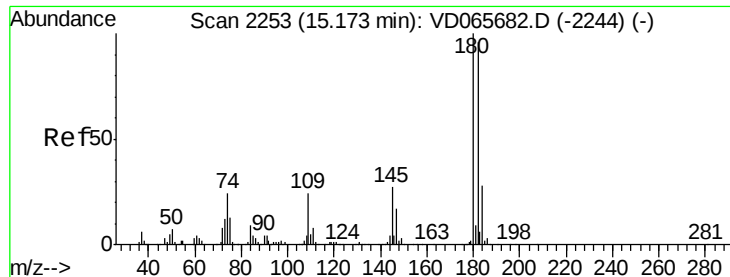
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	65.3	32.6	98.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.958 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.1	50.5	151.6
157	135.5	67.8	203.2

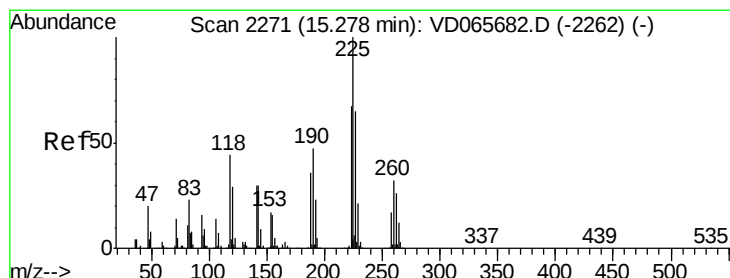
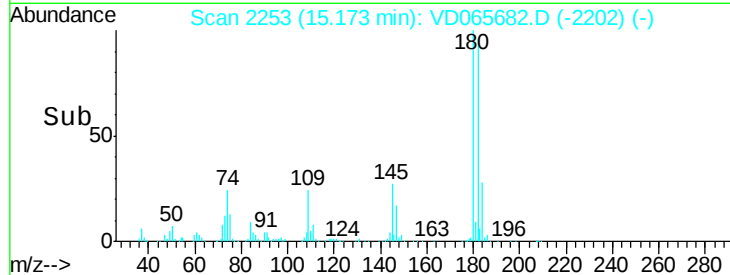
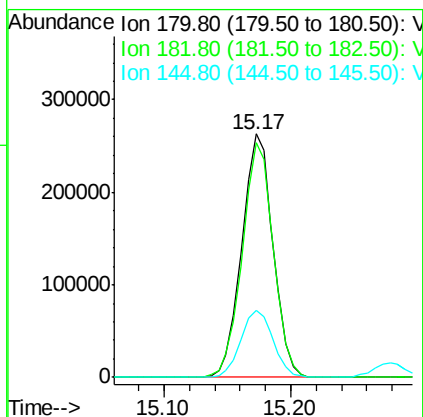
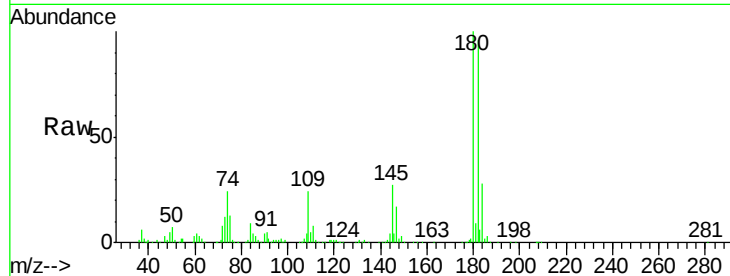




#93
 1,2,4-Trichlorobenzene
 Concen: 56.242 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

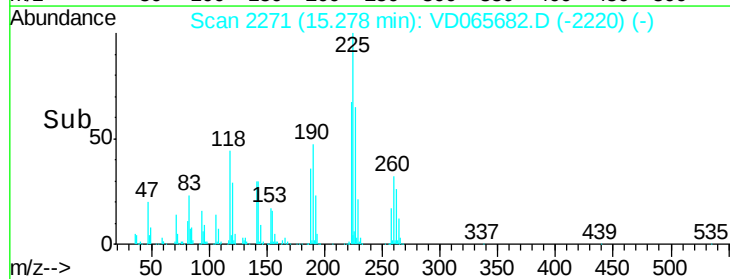
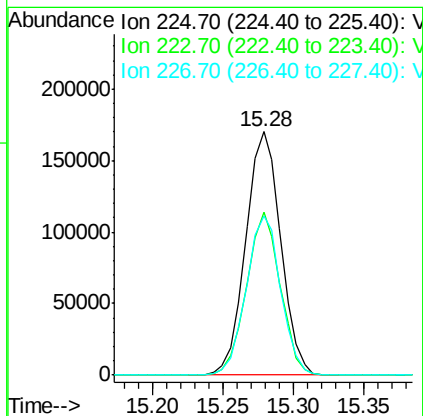
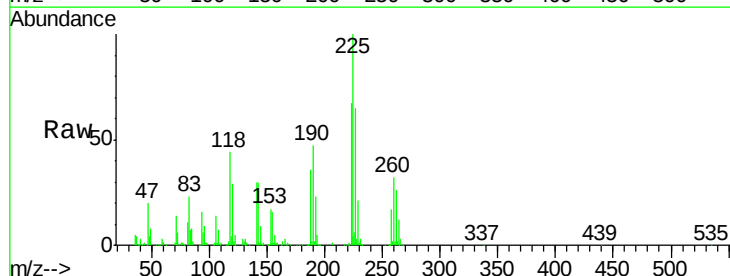
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

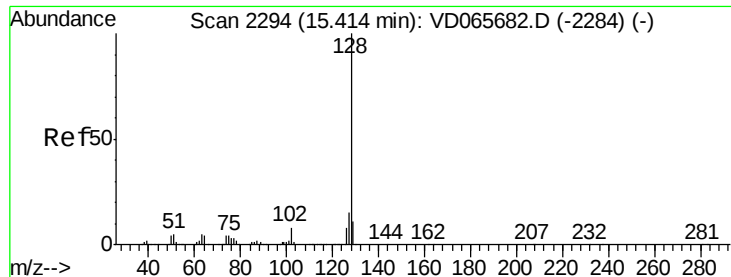
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	28.4	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 49.912 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065682.D
 Acq: 29 Apr 2020 14:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.3	96.8
227	64.4	32.2	96.6

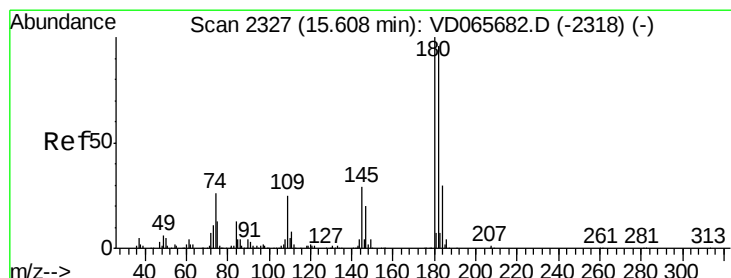
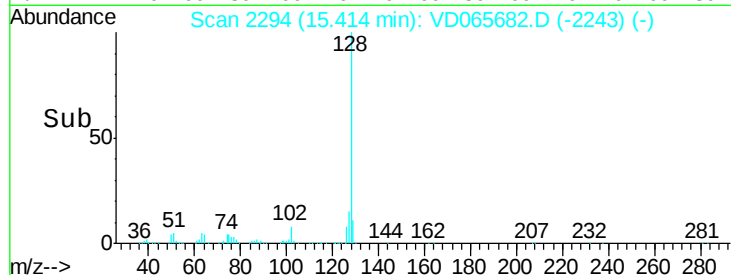
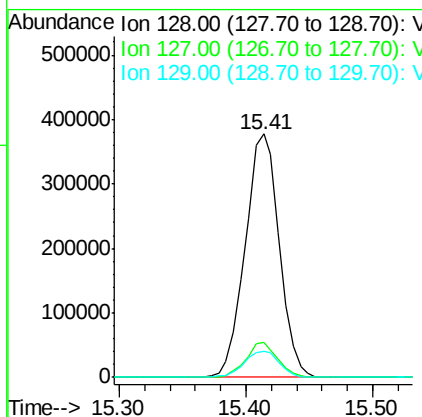
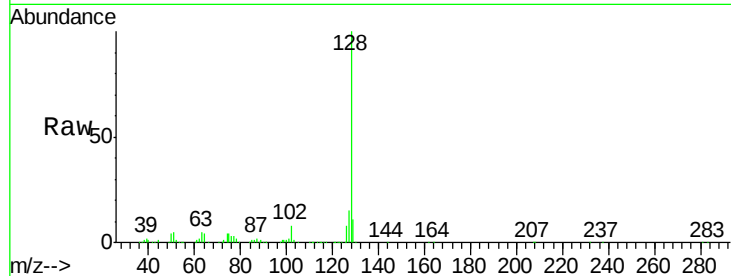




#95
Naphthalene
Concen: 62.220 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 704709
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.371 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065682.D
Acq: 29 Apr 2020 14:59

Tgt Ion:180 Resp: 387874
Ion Ratio Lower Upper
180 100
182 97.2 48.6 145.8
145 30.8 15.4 46.2

