

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065192.D
 Acq On : 17 Feb 2020 10:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 18 03:13:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	468315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	678001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	610254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	210283	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.92	113	223455	59.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.14%	
50) Toluene-d8	10.34	98	864614	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
62) 4-Bromofluorobenzene	12.64	95	281616	59.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	201610	51.733	ug/l	99
3) Chloromethane	2.21	50	242792	52.924	ug/l	99
4) Vinyl Chloride	2.35	62	245903	50.684	ug/l	100
5) Bromomethane	2.77	94	144372	45.893	ug/l	99
6) Chloroethane	2.93	64	155854	51.786	ug/l	100
7) Trichlorofluoromethane	3.27	101	361509	51.201	ug/l	100
8) Diethyl Ether	3.70	74	104813	51.710	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	233799	54.166	ug/l	99
10) Methyl Iodide	4.29	142	252712	51.295	ug/l	100
11) Tert butyl alcohol	5.25	59	53746	221.004	ug/l	98
12) 1,1-Dichloroethene	4.06	96	219511	53.100	ug/l	96
13) Acrolein	3.92	56	74127	247.819	ug/l	99
14) Allyl chloride	4.71	41	361776	52.657	ug/l	96
15) Acrylonitrile	5.43	53	233933	263.984	ug/l	99
16) Acetone	4.17	43	298272	299.729	ug/l	97
17) Carbon Disulfide	4.40	76	693436	52.244	ug/l	99
18) Methyl Acetate	4.72	43	108025	51.957	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	462047	50.544	ug/l	99
20) Methylene Chloride	4.96	84	239433	55.040	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	248928	53.224	ug/l	96
22) Diisopropyl ether	6.37	45	705589	54.446	ug/l	99
23) Vinyl Acetate	6.31	43	1940125	268.593	ug/l	99
24) 1,1-Dichloroethane	6.27	63	427320	54.477	ug/l	98
25) 2-Butanone	7.22	43	333797	281.198	ug/l	95
26) 2,2-Dichloropropane	7.21	77	377689	53.719	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	261966	52.723	ug/l	99
28) Bromochloromethane	7.55	49	164434	55.300	ug/l	99
29) Tetrahydrofuran	7.57	42	188650	262.797	ug/l	98
30) Chloroform	7.71	83	425944	54.535	ug/l	96
31) Cyclohexane	7.98	56	401352	50.688	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	392637	53.967	ug/l	99
36) 1,1-Dichloropropene	8.11	75	347794	55.167	ug/l	100
37) Ethyl Acetate	7.30	43	134215	52.111	ug/l	100
38) Carbon Tetrachloride	8.10	117	348294	54.092	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065192.D
 Acq On : 17 Feb 2020 10:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 18 03:13:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	422227	54.259	ug/l	98
40) Benzene	8.36	78	963046	55.318	ug/l	100
41) Methacrylonitrile	7.53	41	77109	54.343	ug/l #	90
42) 1,2-Dichloroethane	8.43	62	257669	51.943	ug/l	97
43) Isopropyl Acetate	8.46	43	248161	50.369	ug/l	98
44) Trichloroethene	9.11	130	267532	53.537	ug/l	96
45) 1,2-Dichloropropane	9.39	63	241439	57.842	ug/l	98
46) Dibromomethane	9.48	93	119684	54.566	ug/l	99
47) Bromodichloromethane	9.67	83	326650	56.520	ug/l	98
48) Methyl methacrylate	9.46	41	119160	50.261	ug/l	95
49) 1,4-Dioxane	9.47	88	27444	1056.388	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	642696	265.019	ug/l	98
52) Toluene	10.41	92	620726	55.864	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	305866	54.357	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	372497	55.350	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	168551	56.024	ug/l	97
56) Ethyl methacrylate	10.67	69	208502	54.773	ug/l	96
57) 1,3-Dichloropropane	10.95	76	292570	55.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	279014	224.951	ug/l	100
59) 2-Hexanone	10.99	43	520054	302.753	ug/l	99
60) Dibromochloromethane	11.14	129	219205	56.252	ug/l	99
61) 1,2-Dibromoethane	11.25	107	162620	55.319	ug/l	99
64) Tetrachloroethene	10.88	164	226129	51.569	ug/l	97
65) Chlorobenzene	11.67	112	646333	54.759	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	240129	55.122	ug/l	99
67) Ethyl Benzene	11.75	91	1171270	54.619	ug/l	100
68) m/p-Xylenes	11.86	106	902447	110.260	ug/l	99
69) o-Xylene	12.18	106	402134	54.560	ug/l	99
70) Styrene	12.20	104	717180	55.986	ug/l	99
71) Bromoform	12.37	173	126554	53.972	ug/l #	98
73) Isopropylbenzene	12.48	105	1110594	54.323	ug/l	99
74) N-amyl acetate	12.30	43	227578	51.214	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	176502	54.855	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	236112	104.699	ug/l #	100
77) Bromobenzene	12.77	156	264820	53.763	ug/l	99
78) n-propylbenzene	12.83	91	1337769	55.875	ug/l	100
79) 2-Chlorotoluene	12.91	91	726358	54.427	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	923725	55.228	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	59892	53.114	ug/l	97
82) 4-Chlorotoluene	13.01	91	760360	54.249	ug/l	99
83) tert-Butylbenzene	13.23	119	767411	53.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	905548	54.535	ug/l	99
85) sec-Butylbenzene	13.41	105	1102713	55.952	ug/l	99
86) p-Isopropyltoluene	13.53	119	1019928	55.700	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	501445	54.372	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	492757	53.683	ug/l	99
89) n-Butylbenzene	13.86	91	940724	55.660	ug/l	99
90) Hexachloroethane	14.12	117	195699	56.440	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	428016	54.184	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	25975	49.452	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
Data File : VD065192.D
Acq On : 17 Feb 2020 10:26
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Feb 18 03:13:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration

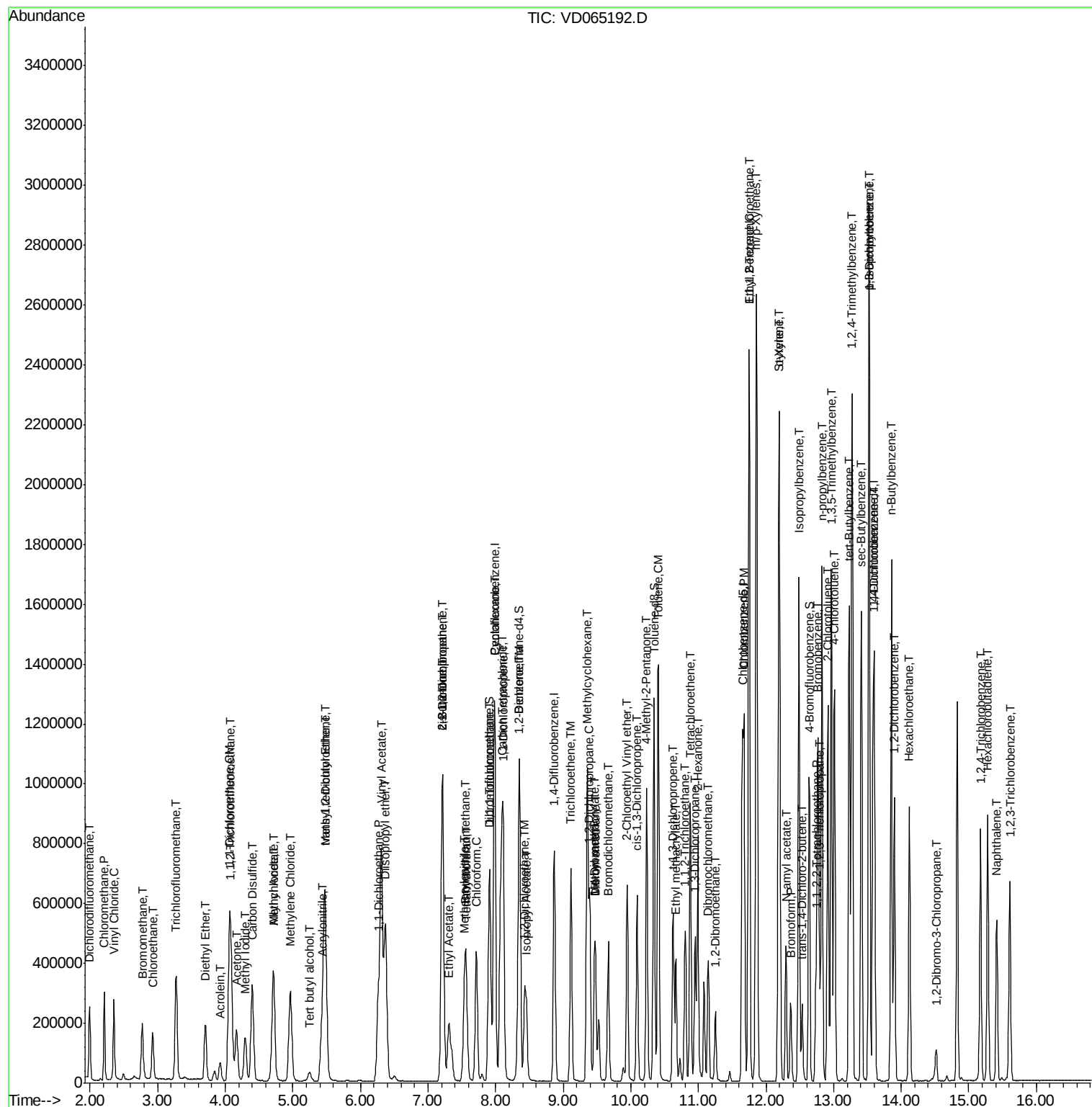
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	289732	51.317	ug/l	99
94) Hexachlorobutadiene	15.28	225	182436	52.552	ug/l	99
95) Naphthalene	15.41	128	479546	51.102	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	249998	51.766	ug/l	100

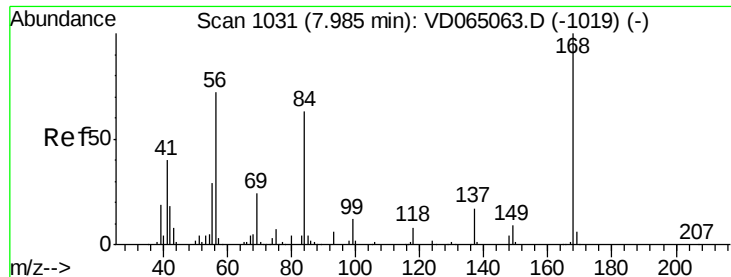
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065192.D
 Acq On : 17 Feb 2020 10:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 18 03:13:28 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

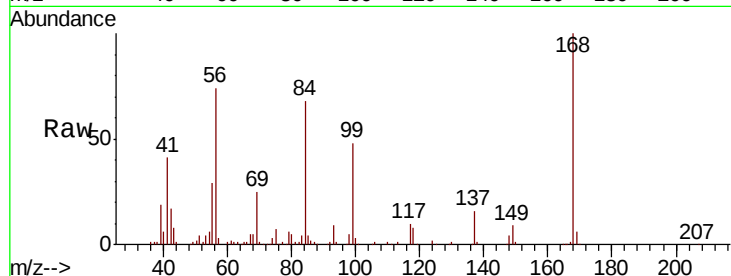
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 468315

Ion Ratio Lower Upper

168 100

99 47.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

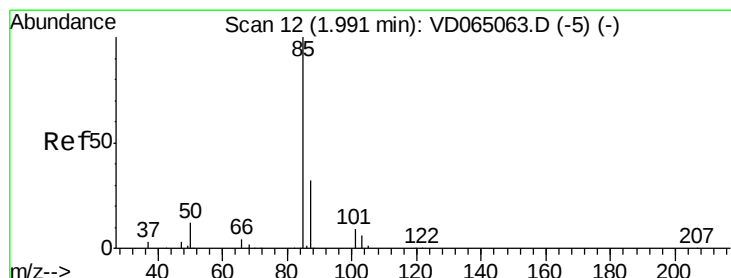
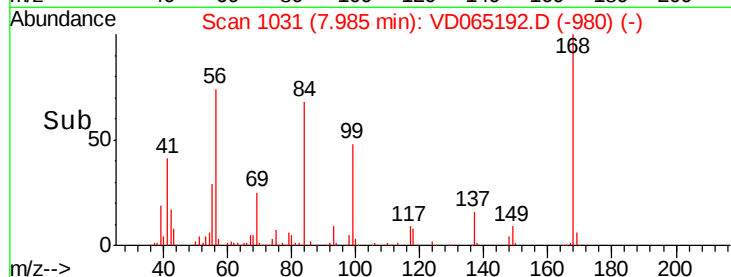
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.733 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065192.D

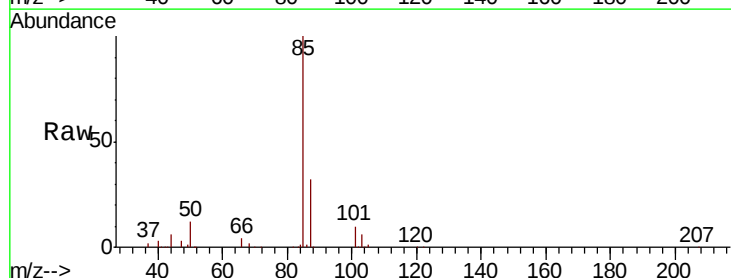
Acq: 17 Feb 2020 10:26

Tgt Ion: 85 Resp: 201610

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

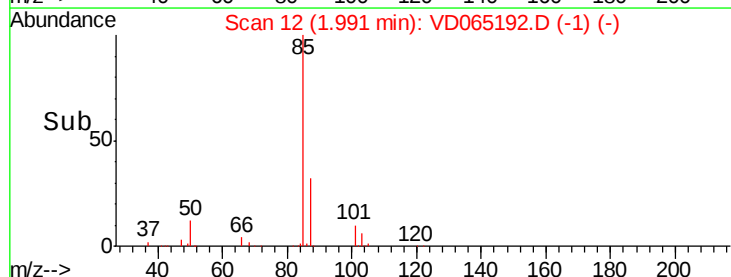
100000

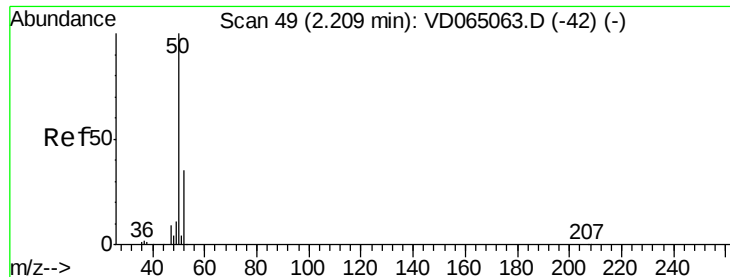
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 52.924 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

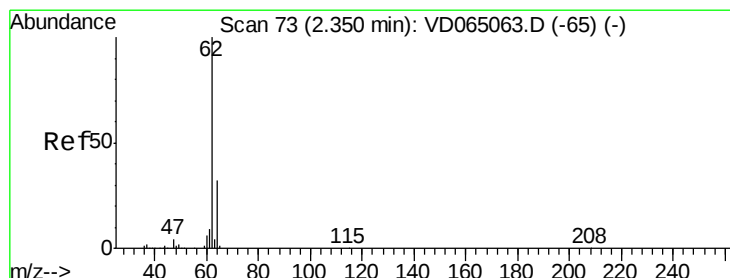
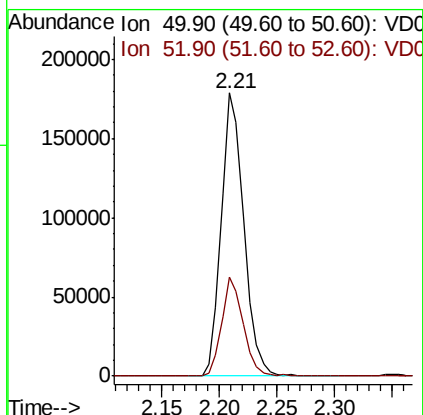
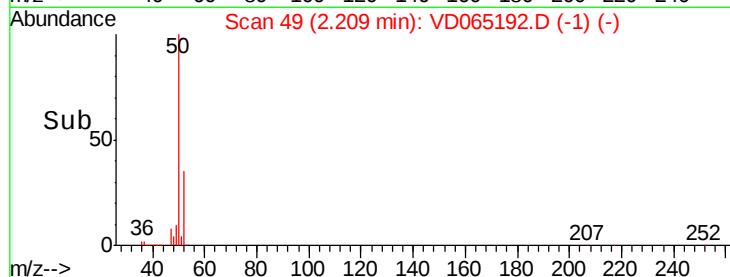
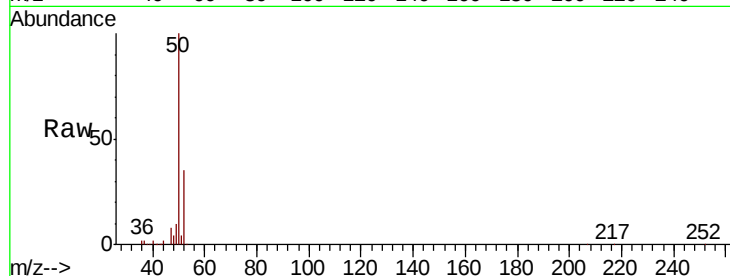
VSTDCCC050

Tot Ion: 50 Resp: 242792

Ion Ratio Lower Upper

50 100

52 35.1 27.8 41.6



#4

Vinyl Chloride

Concen: 50.684 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065192.D

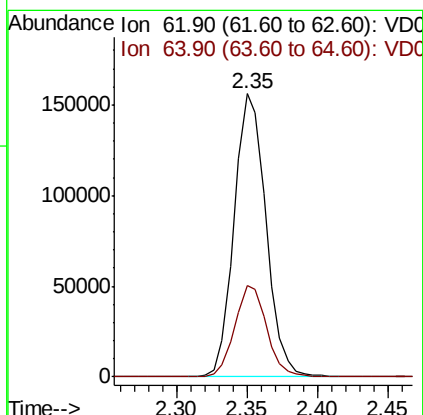
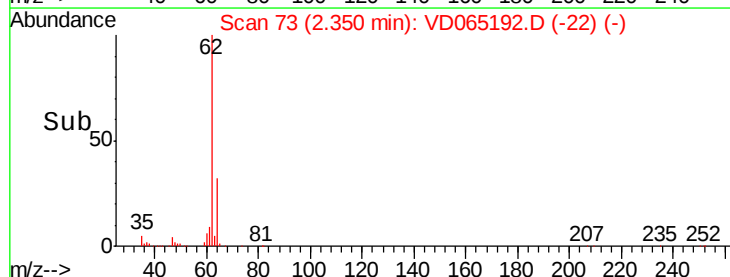
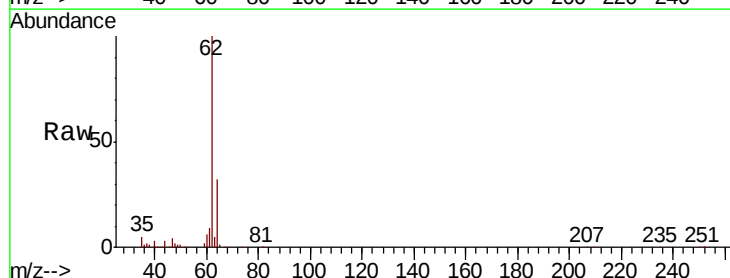
Acq: 17 Feb 2020 10:26

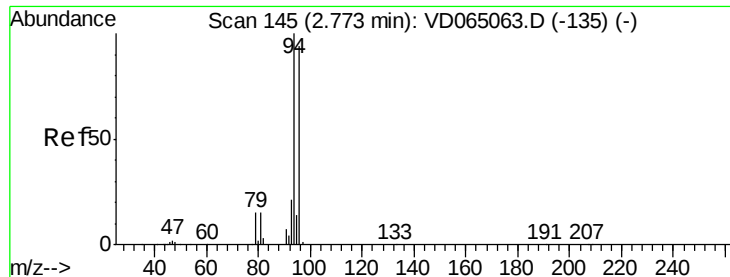
Tgt Ion: 62 Resp: 245903

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 45.893 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

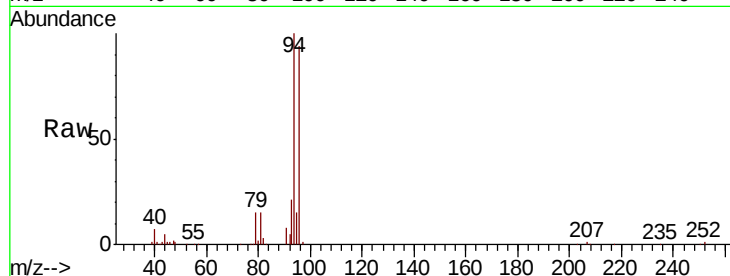
VSTDCCC050

Tot Ion: 94 Resp: 144372

Ion Ratio Lower Upper

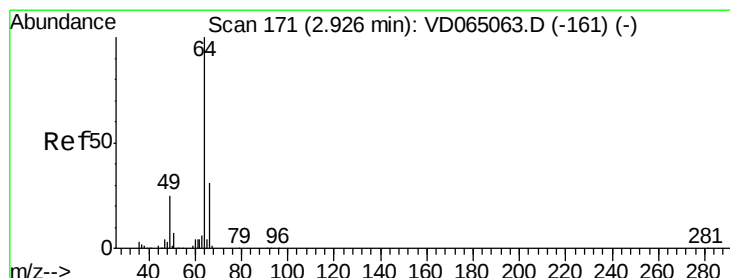
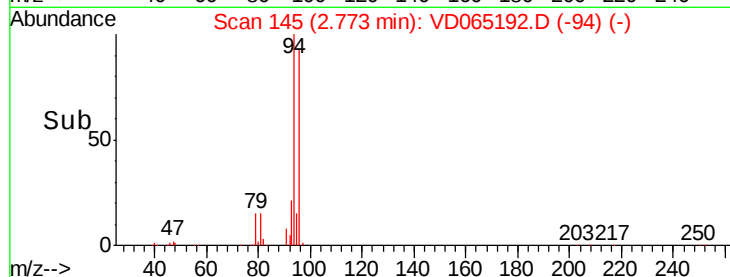
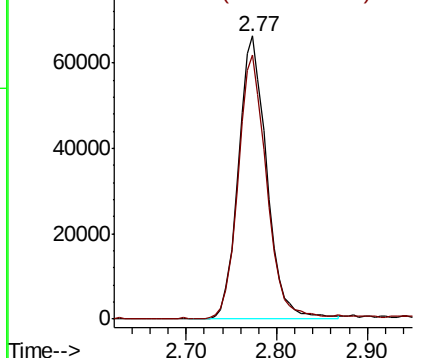
94 100

96 93.5 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.786 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065192.D

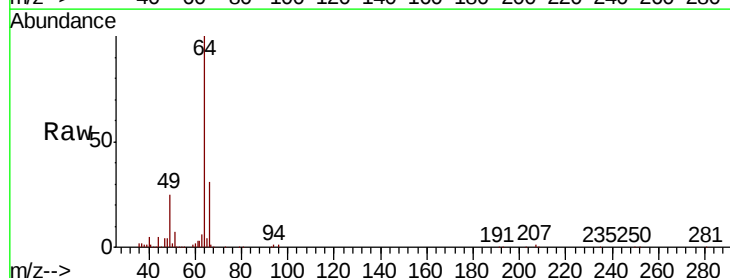
Acq: 17 Feb 2020 10:26

Tgt Ion: 64 Resp: 155854

Ion Ratio Lower Upper

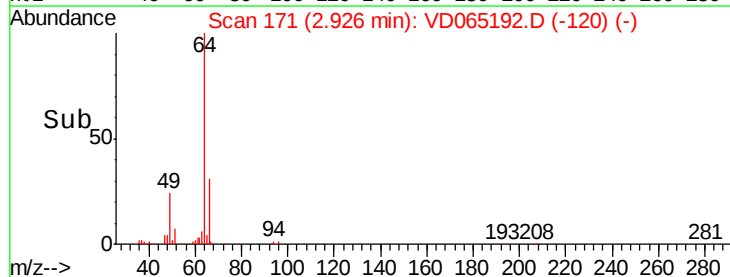
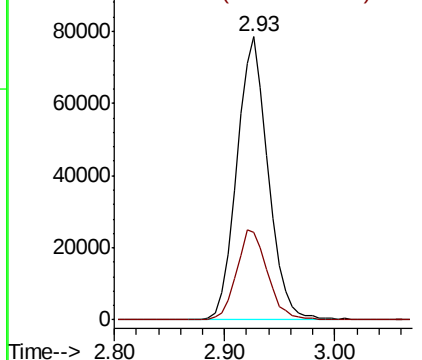
64 100

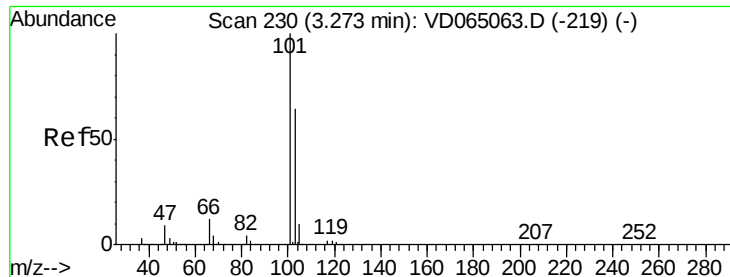
66 30.9 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



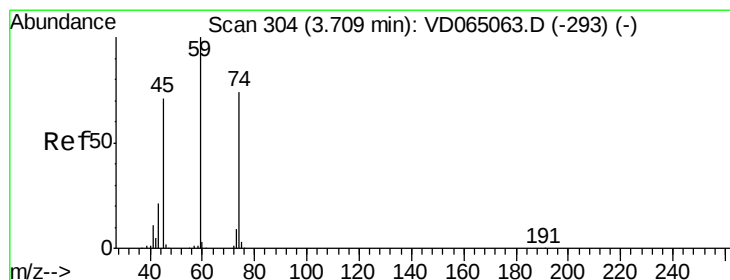
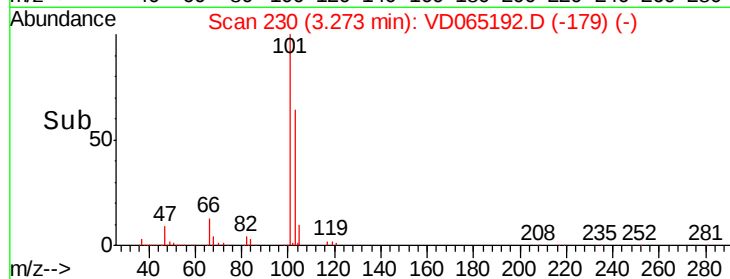
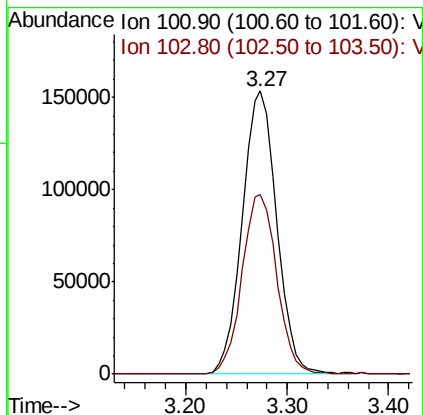
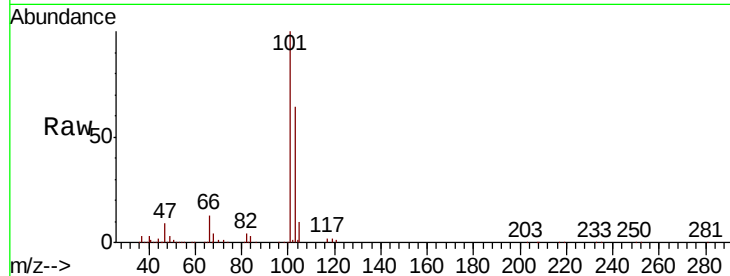


#7

Trichlorofluoromethane
 Concen: 51.201 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

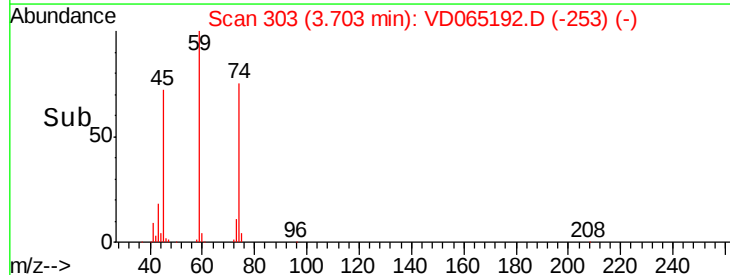
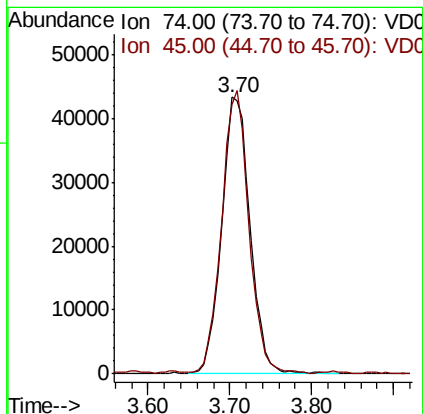
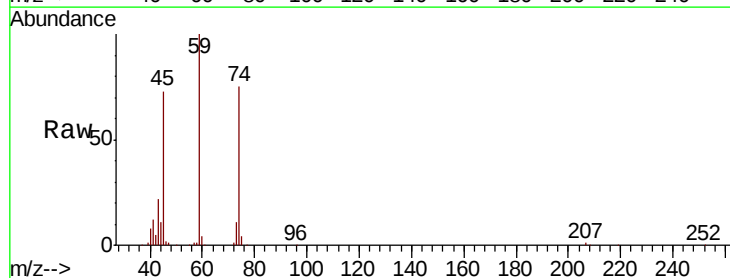
Tot Ion:101 Resp: 361509
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.0 76.6

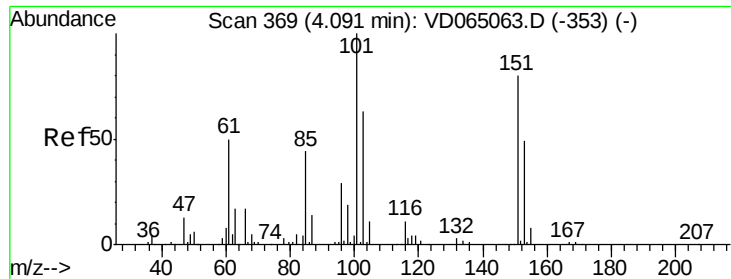


#8

Diethyl Ether
 Concen: 51.710 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion: 74 Resp: 104813
 Ion Ratio Lower Upper
 74 100
 45 98.9 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.166 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

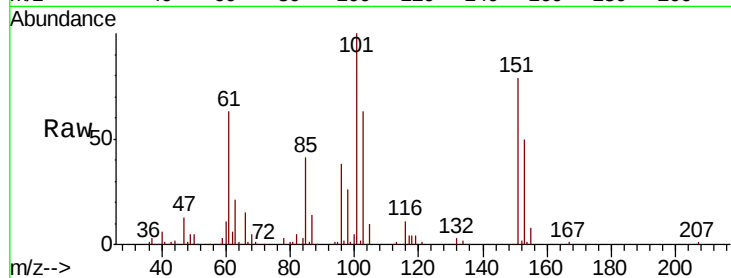
Tot Ion:101 Resp: 233799

Ion Ratio Lower Upper

101 100

85 41.8 34.0 51.0

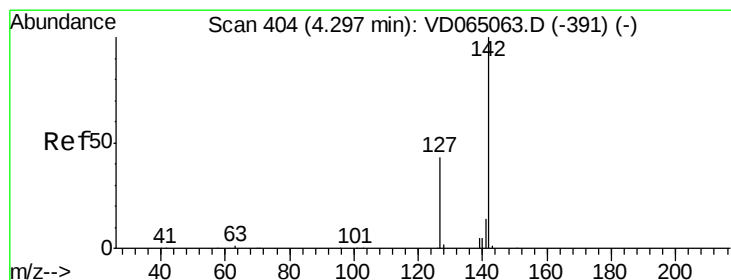
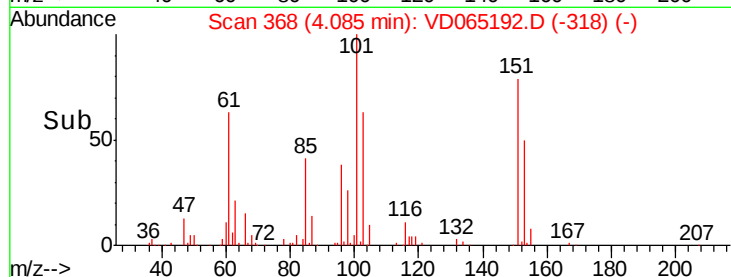
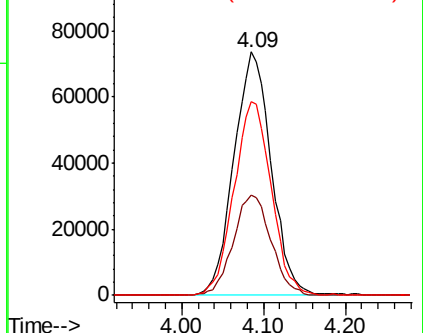
151 79.4 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.295 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

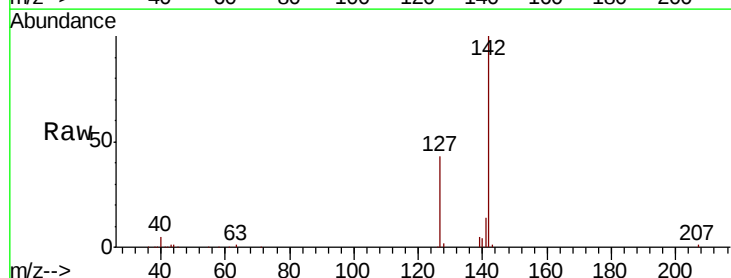
Tgt Ion:142 Resp: 252712

Ion Ratio Lower Upper

142 100

127 42.7 34.0 51.0

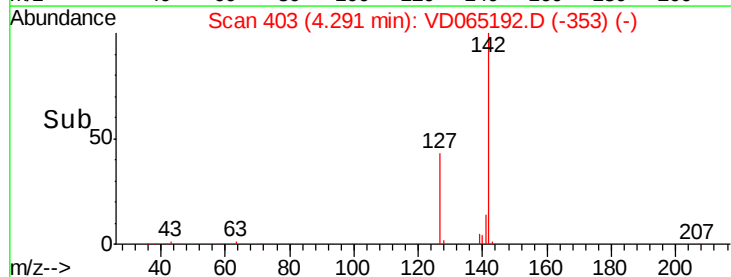
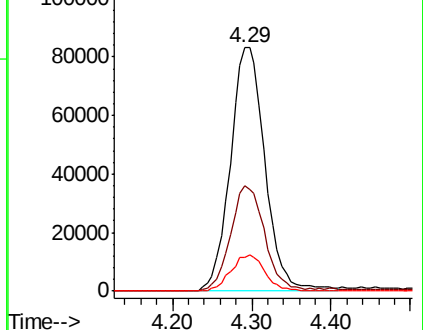
141 14.5 11.6 17.4

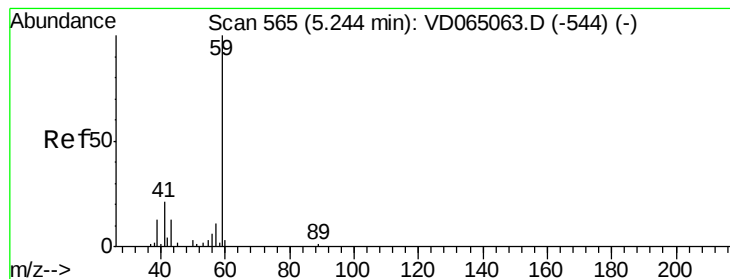


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



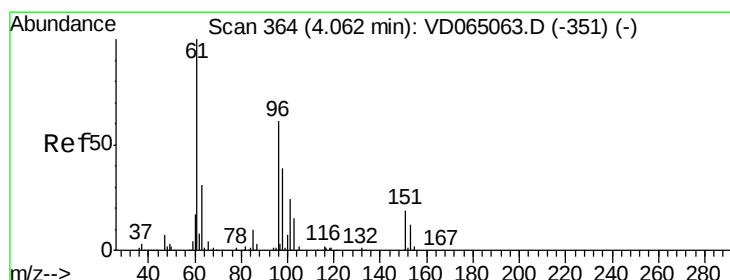
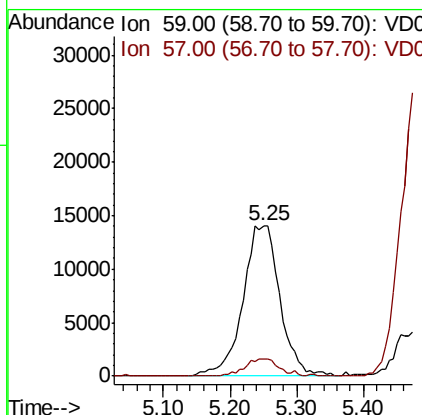
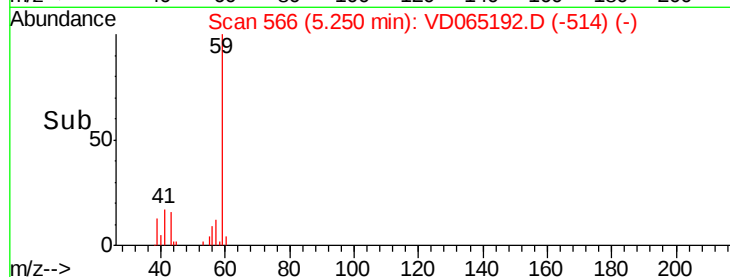
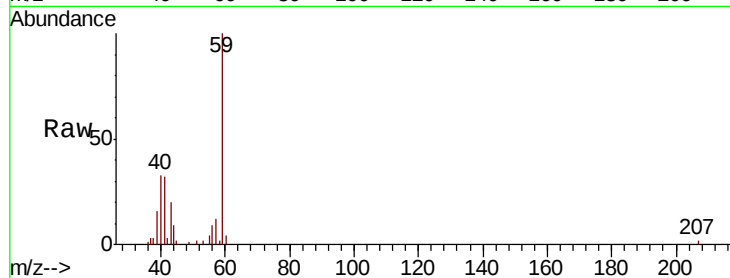


#11

Tert butyl alcohol
Concen: 221.004 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

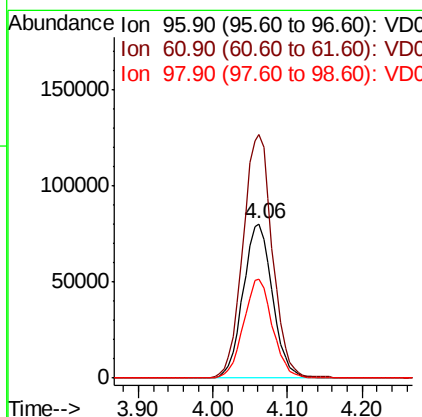
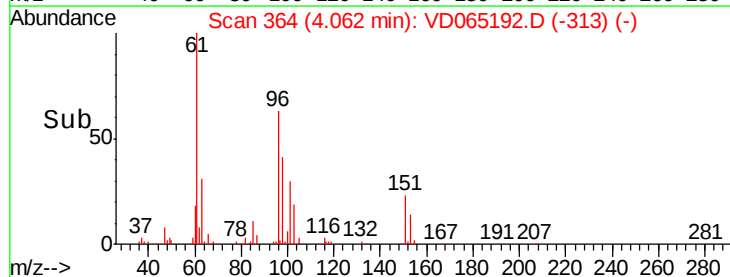
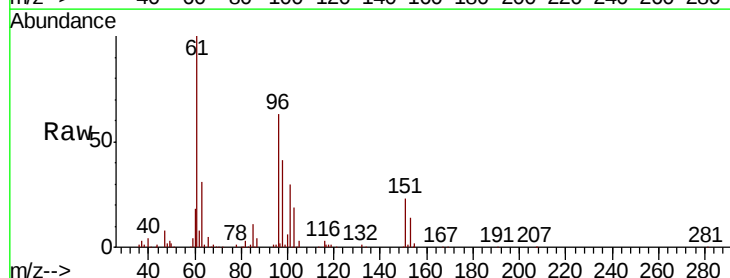
Tot Ion: 59 Resp: 53746
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2

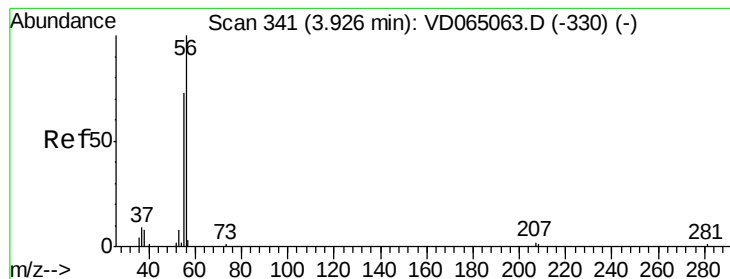


#12

1,1-Dichloroethene
Concen: 53.100 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion: 96 Resp: 219511
Ion Ratio Lower Upper
96 100
61 157.7 131.4 197.2
98 63.9 51.1 76.7





#13

Acrolein

Concen: 247.819 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

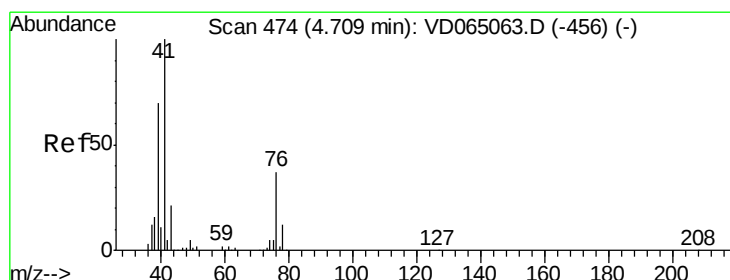
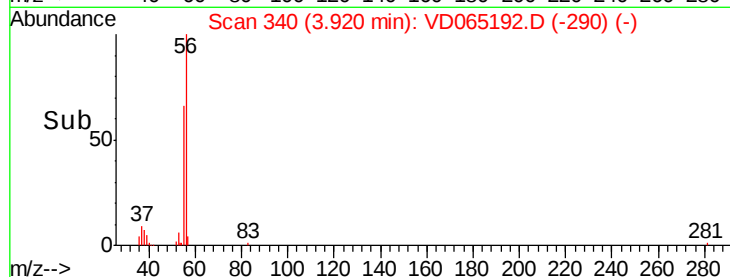
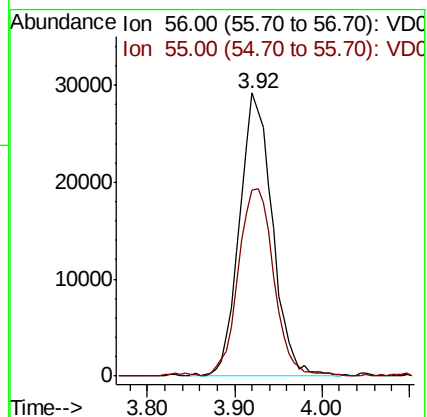
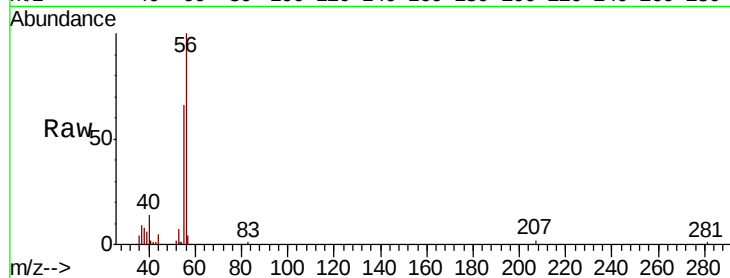
VSTDCCC050

Tot Ion: 56 Resp: 74127

Ion Ratio Lower Upper

56 100

55 71.7 58.2 87.2



#14

Allyl chloride

Concen: 52.657 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

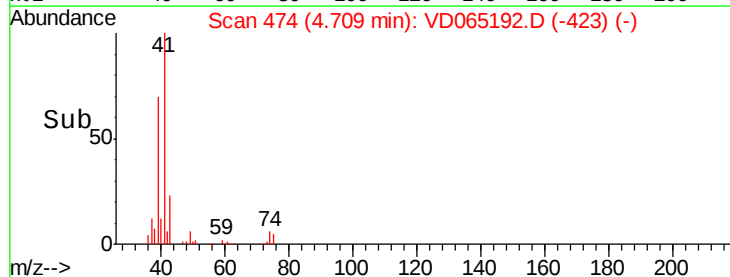
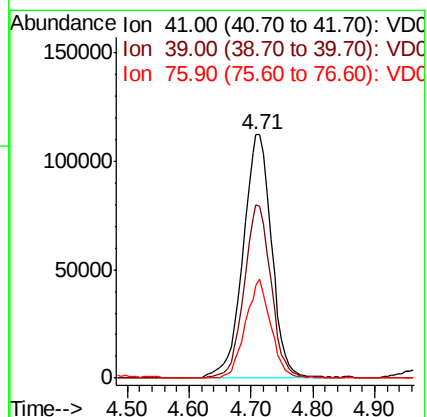
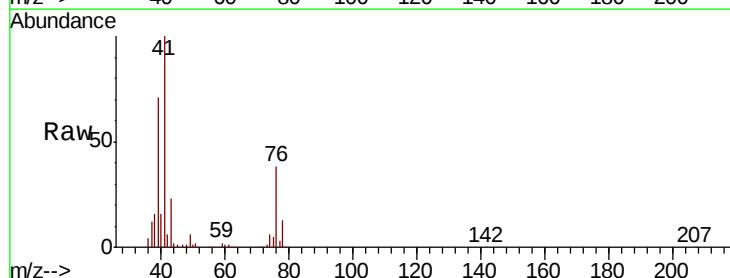
Tgt Ion: 41 Resp: 361776

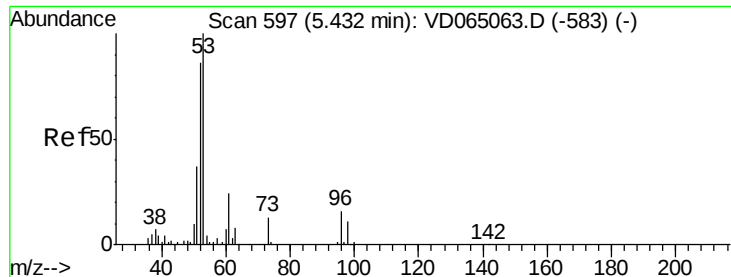
Ion Ratio Lower Upper

41 100

39 67.3 57.1 85.7

76 35.5 28.0 42.0





#15

Acrylonitrile

Concen: 263.984 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

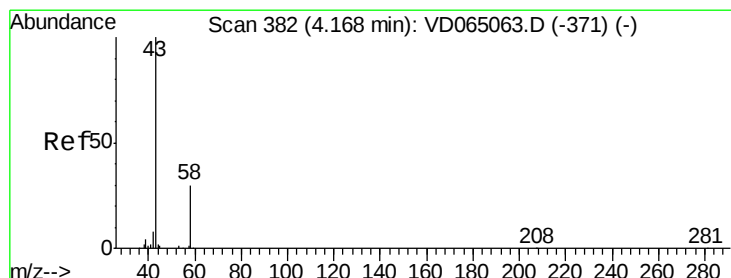
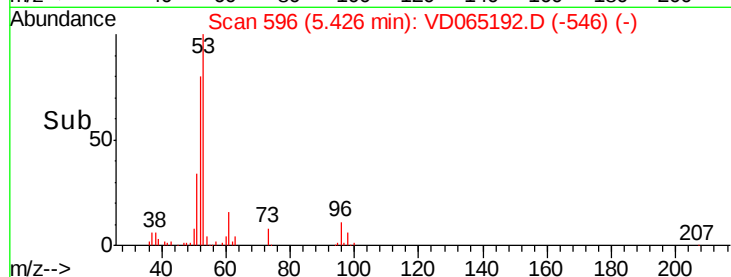
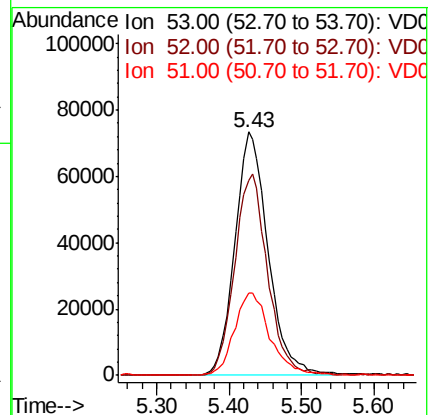
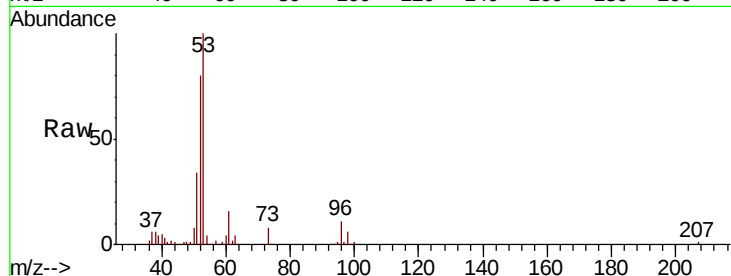
Tot Ion: 53 Resp: 233933

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.2

51 36.7 30.4 45.6



#16

Acetone

Concen: 299.729 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065192.D

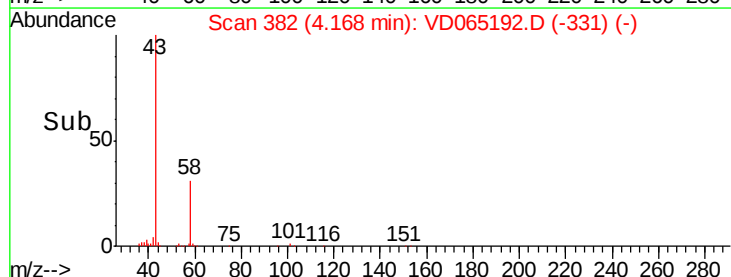
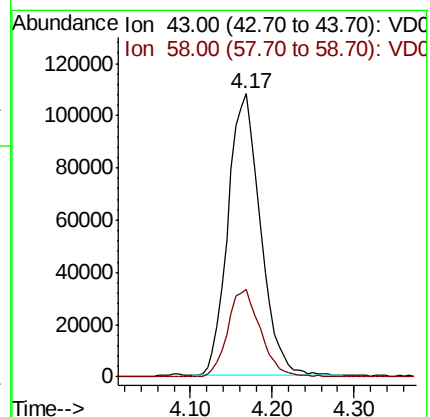
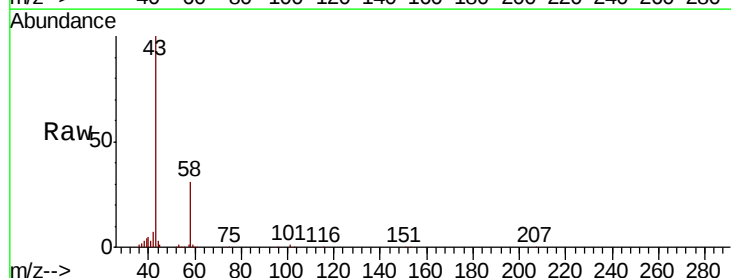
Acq: 17 Feb 2020 10:26

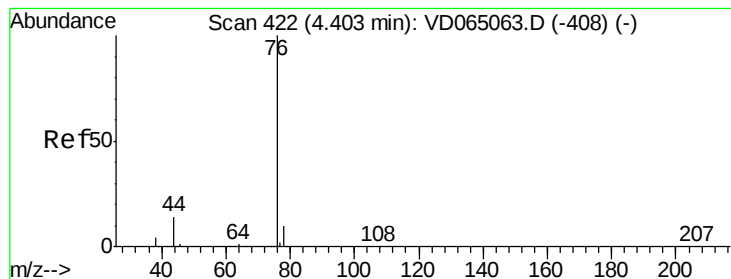
Tgt Ion: 43 Resp: 298272

Ion Ratio Lower Upper

43 100

58 31.2 23.5 35.3





#17

Carbon Disulfide

Concen: 52.244 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

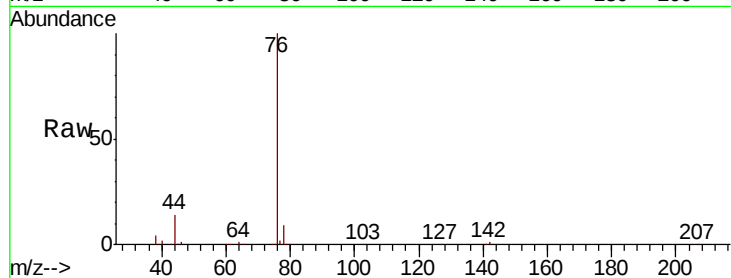
VSTDCCC050

Tot Ion: 76 Resp: 693436

Ion Ratio Lower Upper

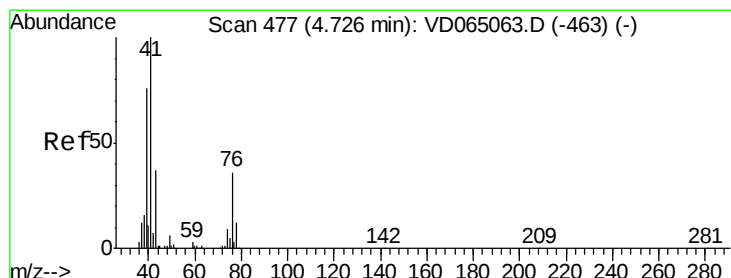
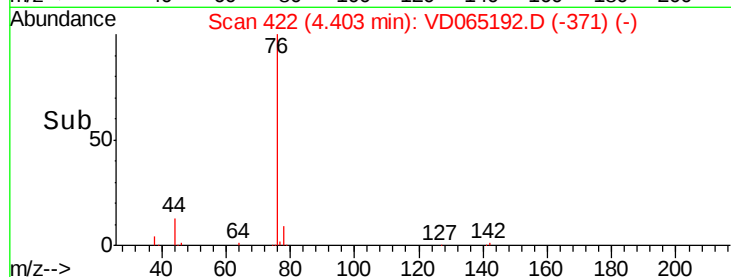
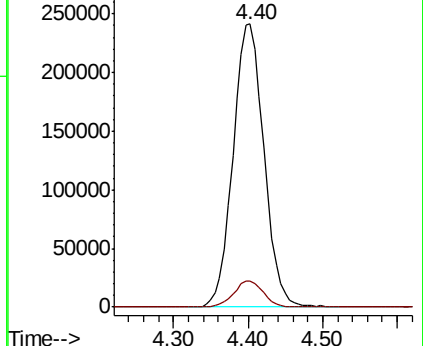
76 100

78 9.0 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 51.957 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065192.D

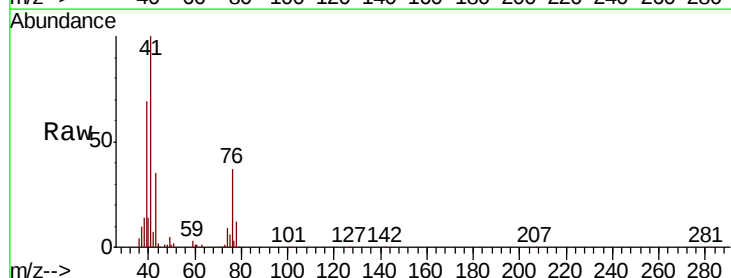
Acq: 17 Feb 2020 10:26

Tgt Ion: 43 Resp: 108025

Ion Ratio Lower Upper

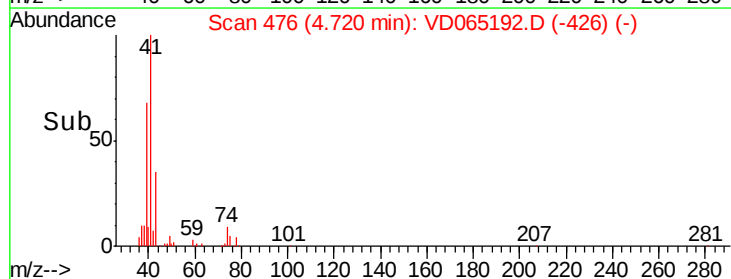
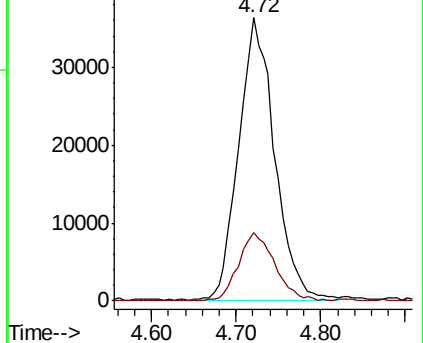
43 100

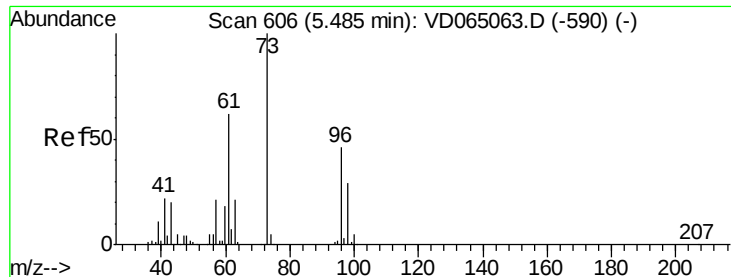
74 24.2 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

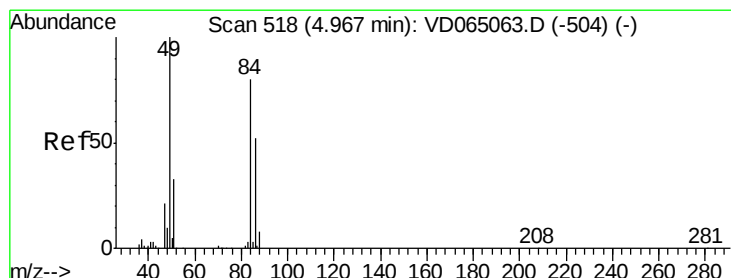
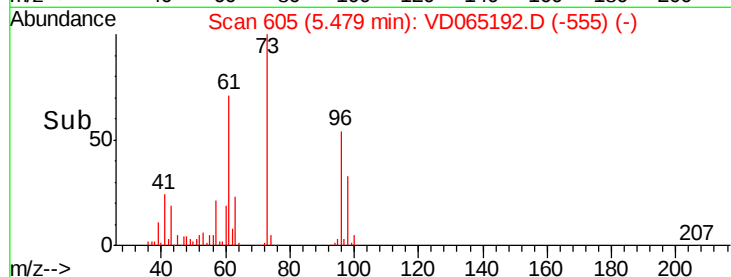
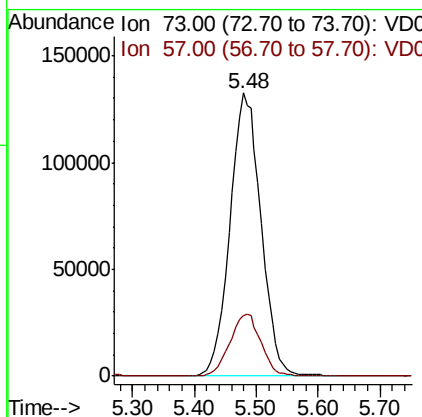
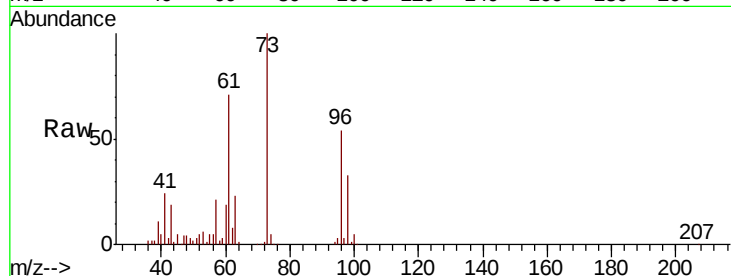




#19
Methvl tert-butvl Ether
Concen: 50.544 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

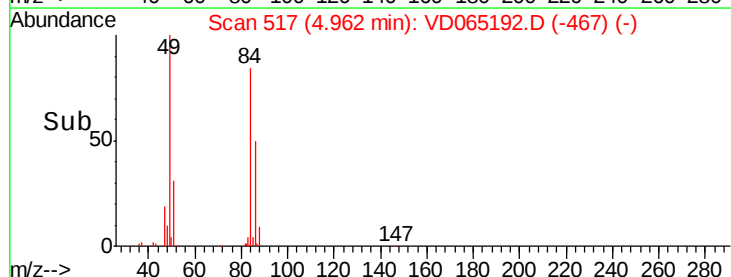
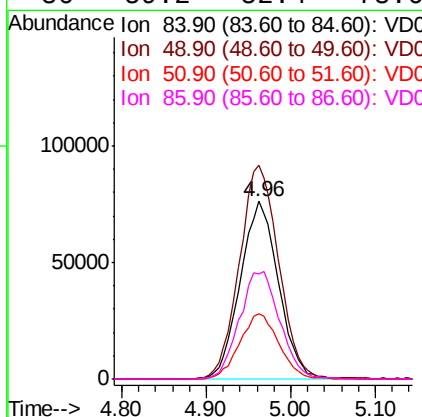
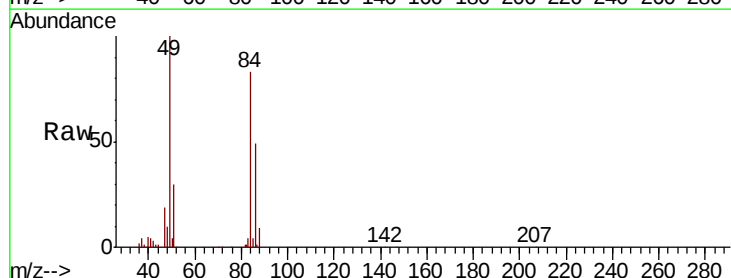
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

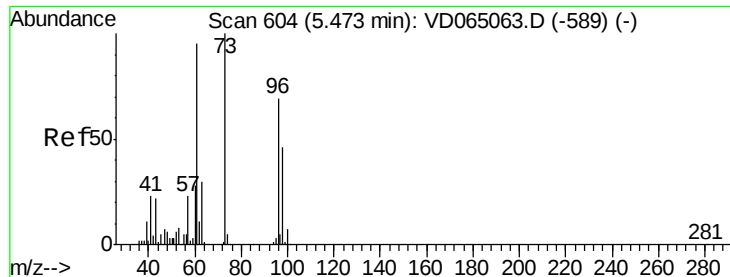
Tot Ion: 73 Resp: 462047
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2



#20
Methylene Chloride
Concen: 55.040 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion: 84 Resp: 239433
Ion Ratio Lower Upper
84 100
49 120.2 100.4 150.6
51 36.5 32.7 49.1
86 59.2 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 53.224 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

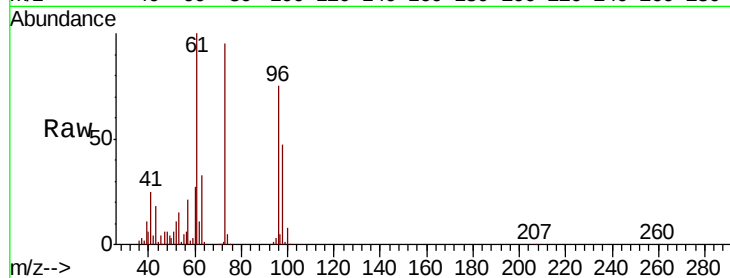
Tot Ion: 96 Resp: 248928

Ion Ratio Lower Upper

96 100

61 133.1 109.5 164.3

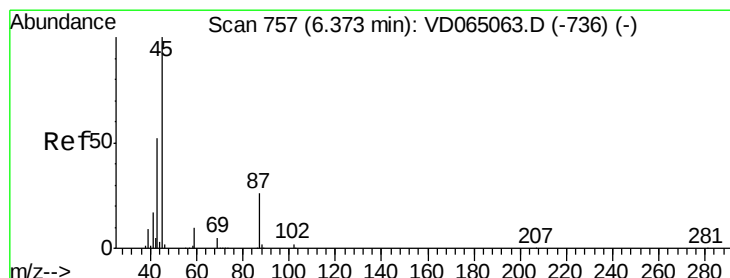
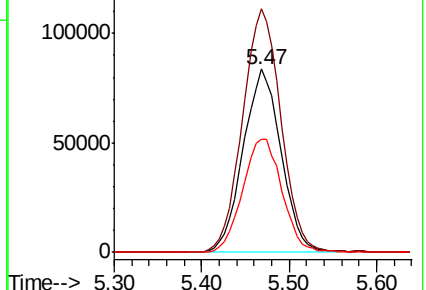
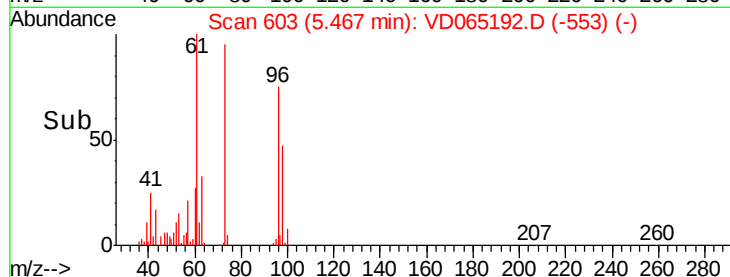
98 62.0 53.7 80.5



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 54.446 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Tgt Ion: 45 Resp: 705589

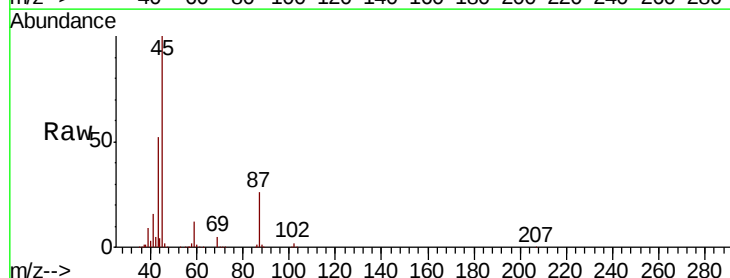
Ion Ratio Lower Upper

45 100

43 51.6 41.3 61.9

87 25.6 21.0 31.6

59 11.4 8.2 12.4

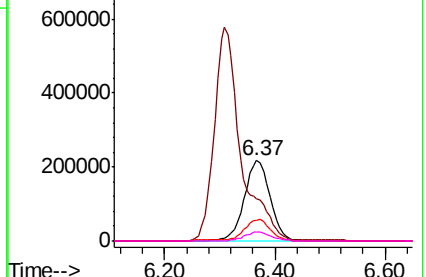
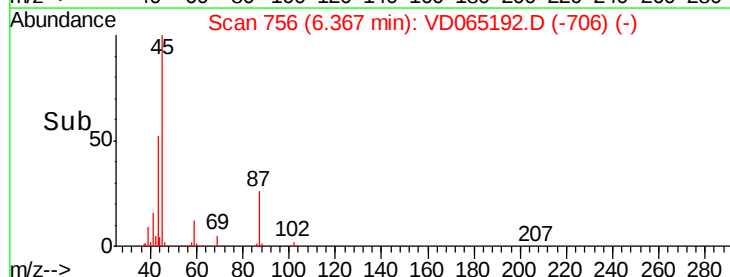


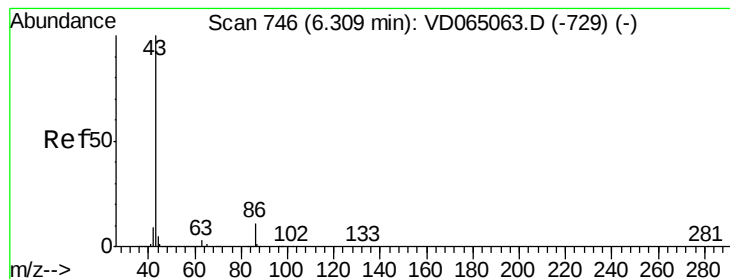
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 268.593 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

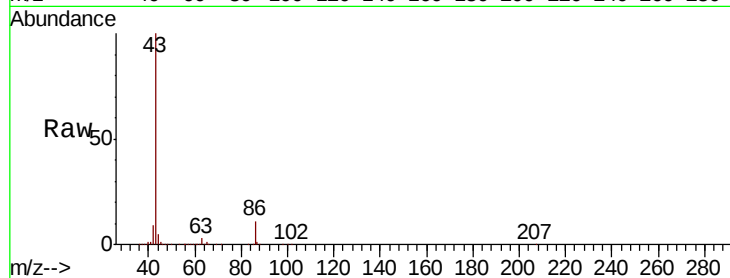
VSTDCCC050

Tot Ion: 43 Resp: 1940125

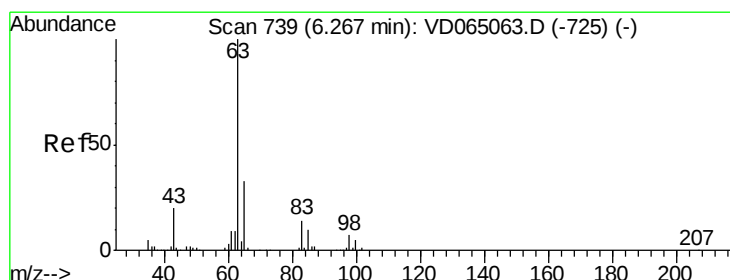
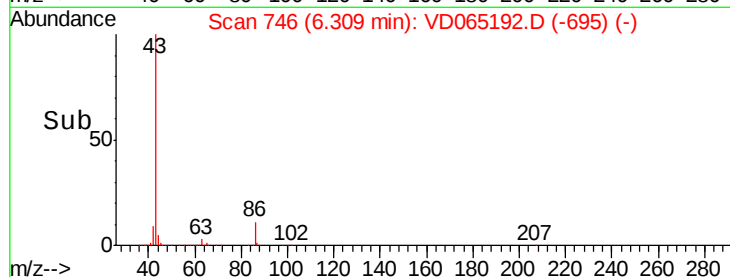
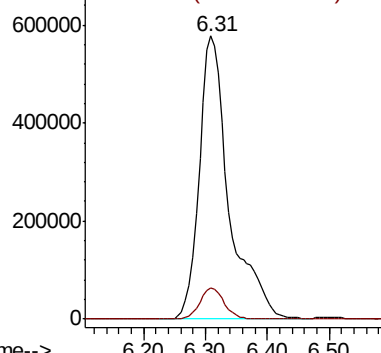
Ion Ratio Lower Upper

43 100

86 10.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 54.477 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

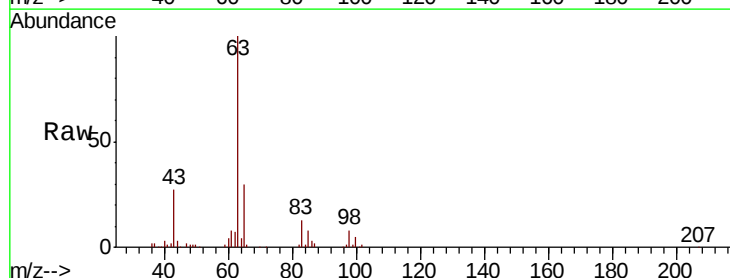
Tgt Ion: 63 Resp: 427320

Ion Ratio Lower Upper

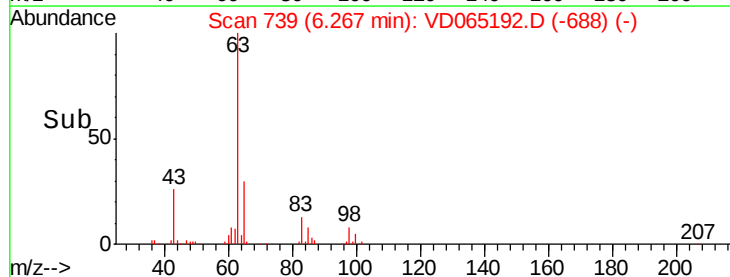
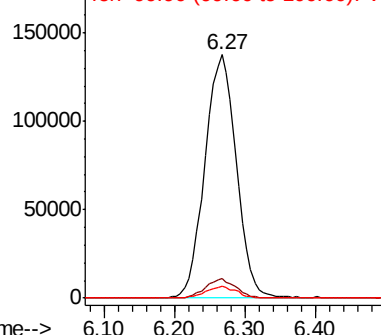
63 100

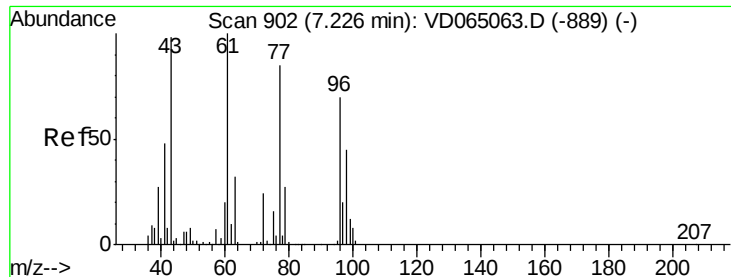
98 7.9 3.5 10.4

100 5.1 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 281.198 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

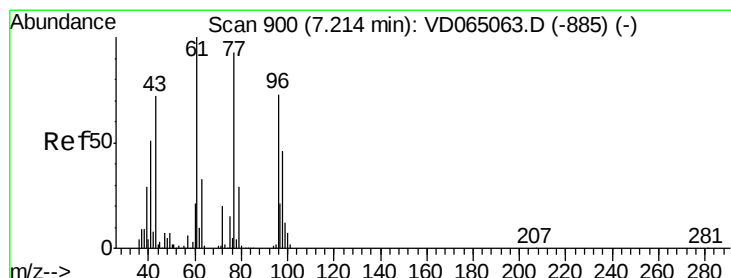
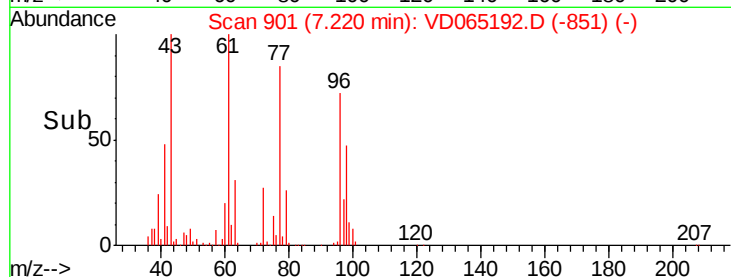
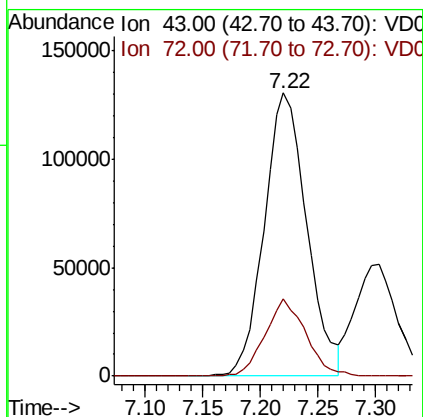
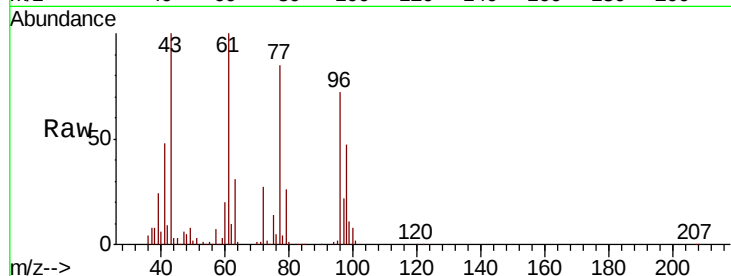
VSTDCCC050

Tot Ion: 43 Resp: 333797

Ion Ratio Lower Upper

43 100

72 27.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 53.719 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065192.D

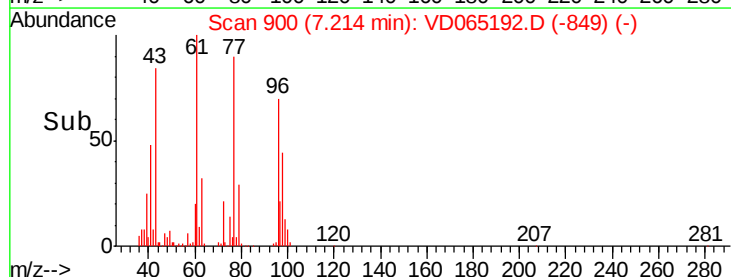
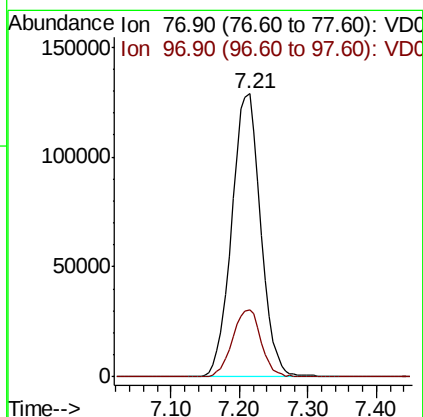
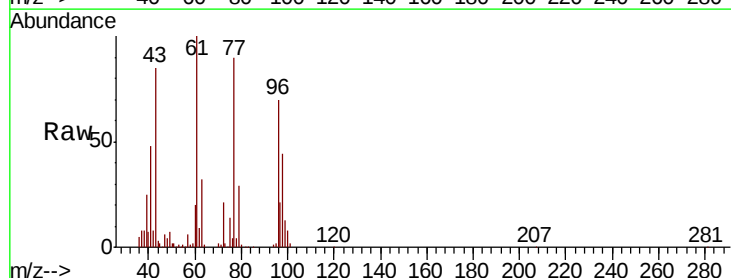
Acq: 17 Feb 2020 10:26

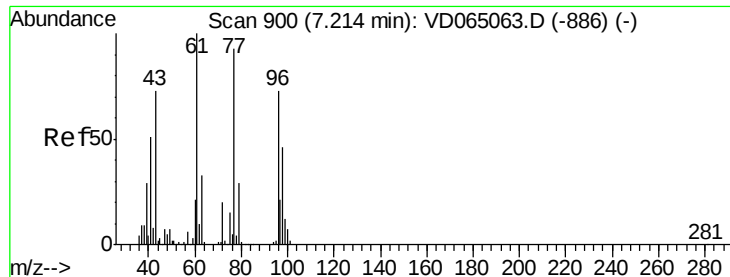
Tgt Ion: 77 Resp: 377689

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.6

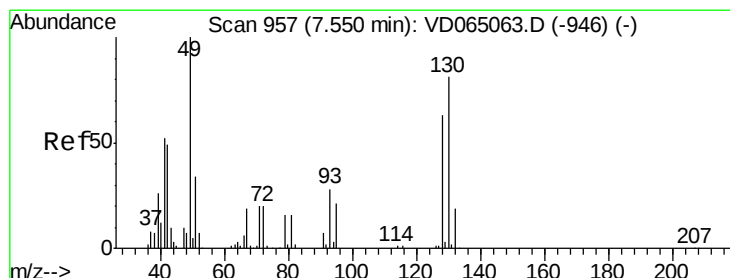
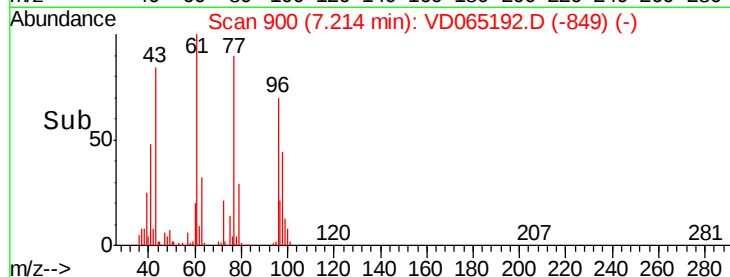
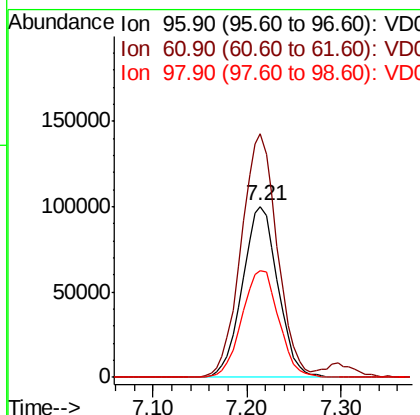
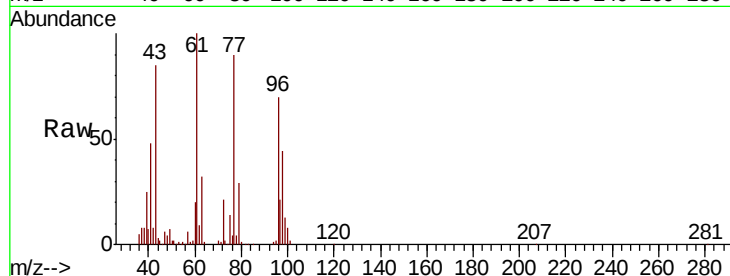




#27
 cis-1,2-Dichloroethene
 Concen: 52.723 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

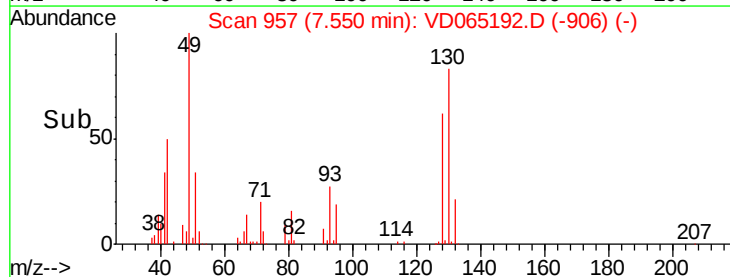
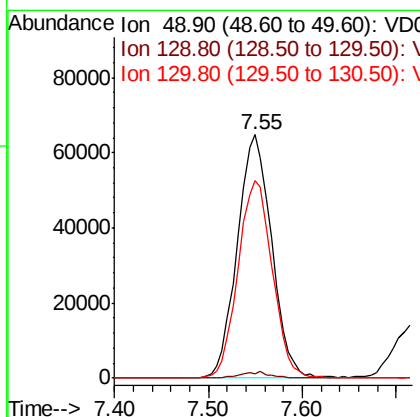
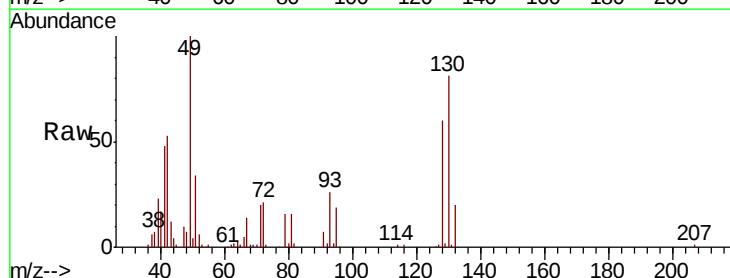
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

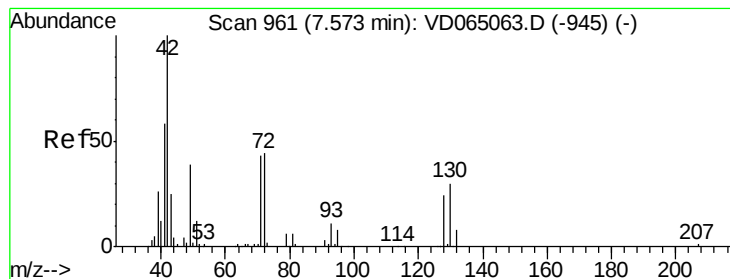
Tot Ion: 96 Resp: 261966
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 292.8
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 55.300 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion: 49 Resp: 164434
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 80.6 63.8 95.8





#29

Tetrahydrofuran

Concen: 262.797 ug/l

RT: 7.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

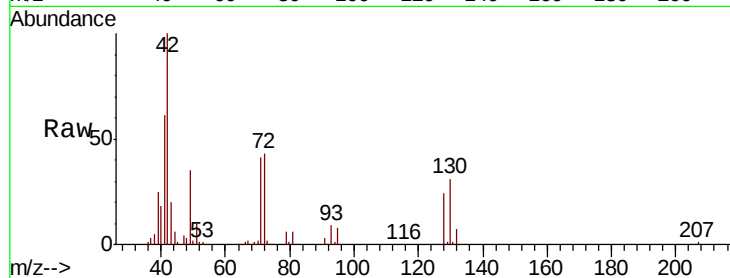
Tot Ion: 42 Resp: 188650

Ion Ratio Lower Upper

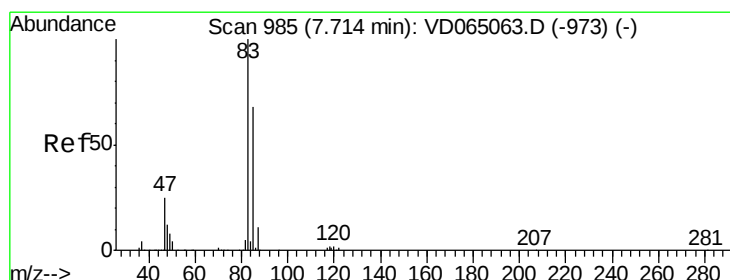
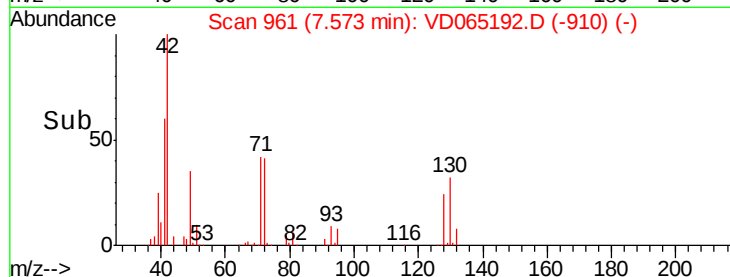
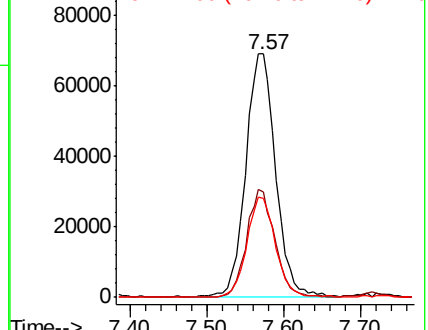
42 100

72 41.4 34.2 51.4

71 39.2 31.8 47.6



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



#30

Chloroform

Concen: 54.535 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065192.D

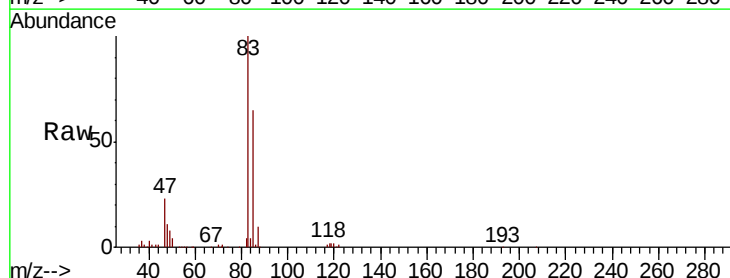
Acq: 17 Feb 2020 10:26

Tgt Ion: 83 Resp: 425944

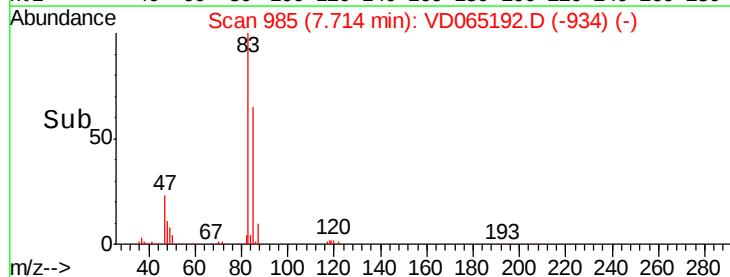
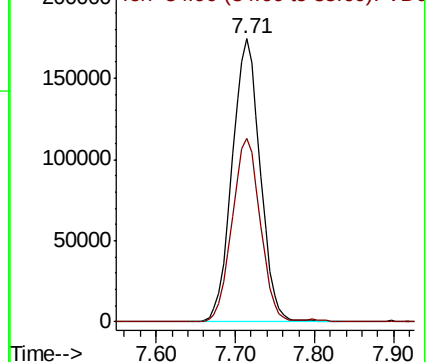
Ion Ratio Lower Upper

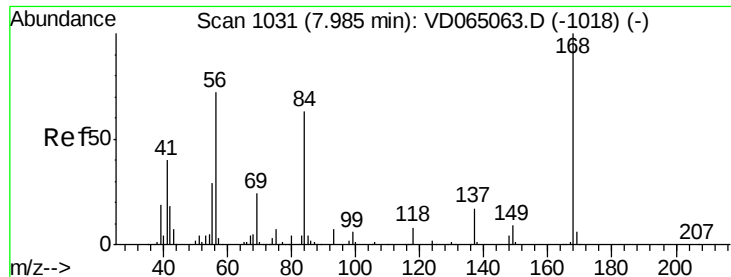
83 100

85 64.9 54.2 81.4



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

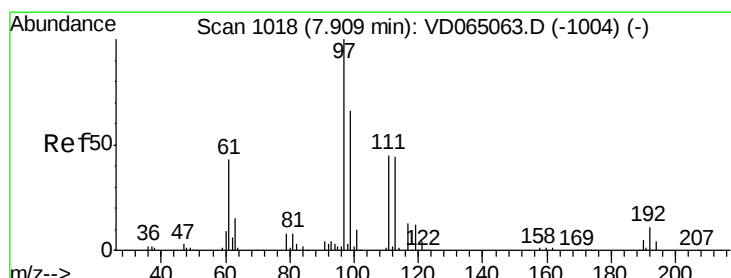
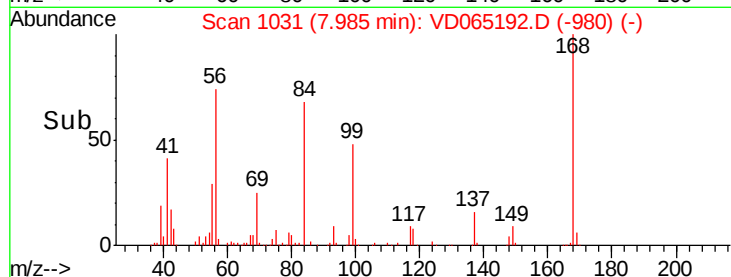
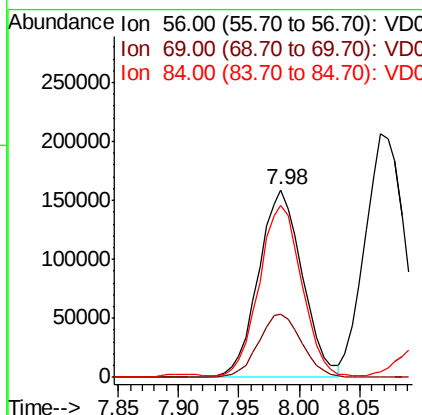
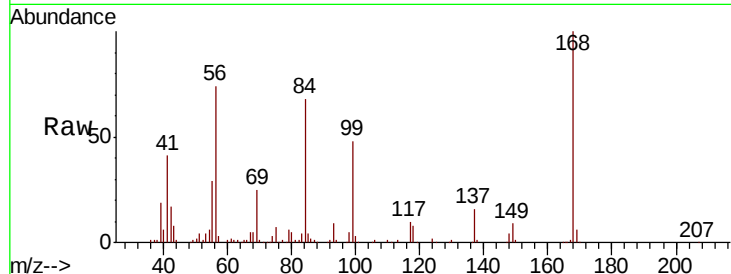




#31
Cyclohexane
Concen: 50.688 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

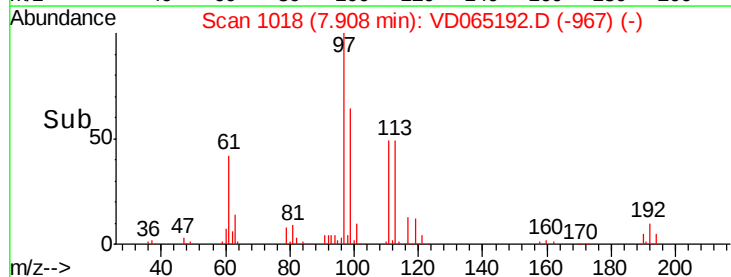
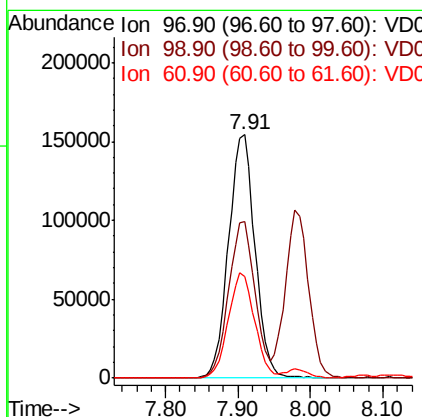
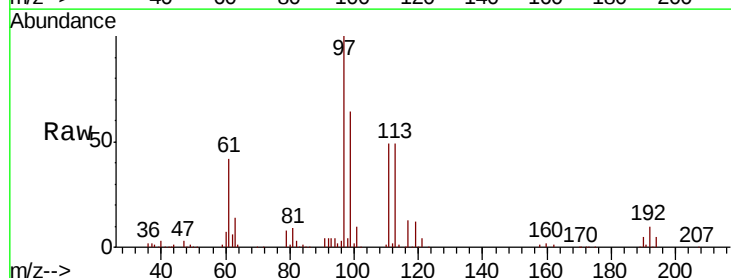
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

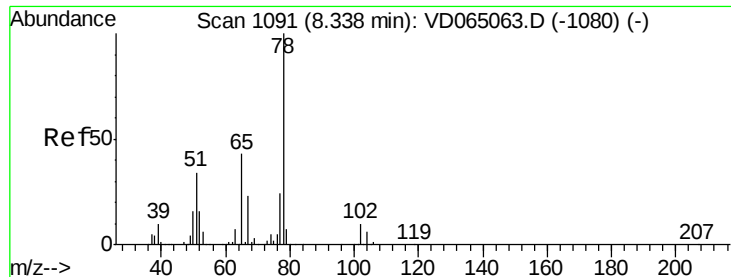
Tot Ion: 56 Resp: 401352
Ion Ratio Lower Upper
56 100
69 33.6 26.6 40.0
84 90.6 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 53.967 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion: 97 Resp: 392637
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 42.7 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 52.831 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

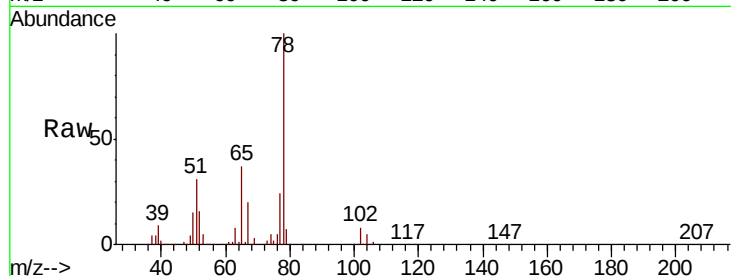
VSTDCCC050

Tot Ion: 65 Resp: 210283

Ion Ratio Lower Upper

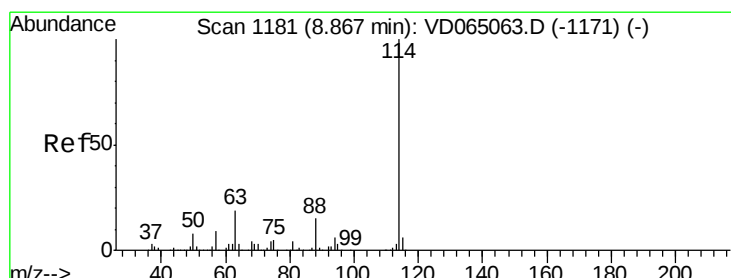
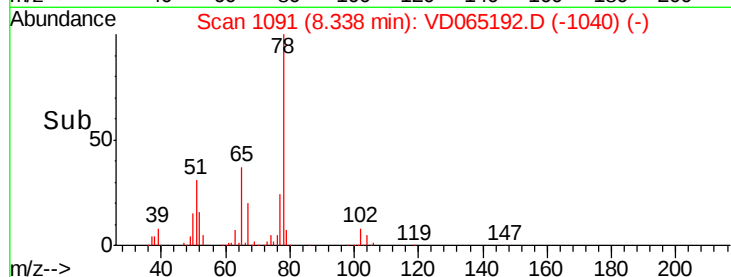
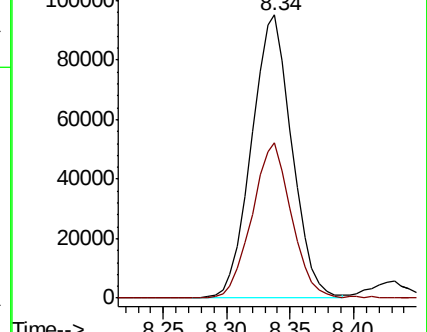
65 100

67 53.8 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

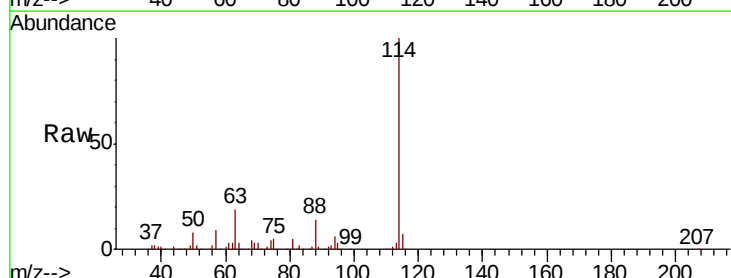
Tgt Ion: 114 Resp: 678001

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

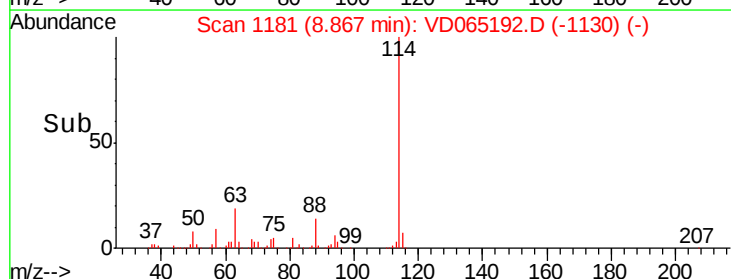
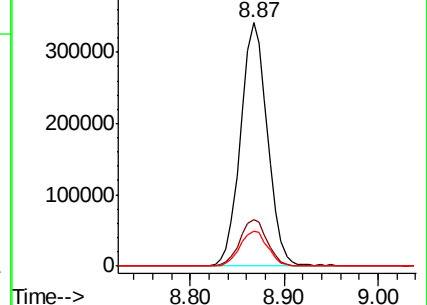
88 14.2 0.0 29.6

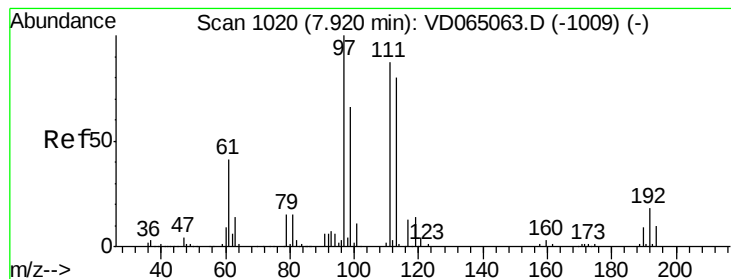


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 59.071 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

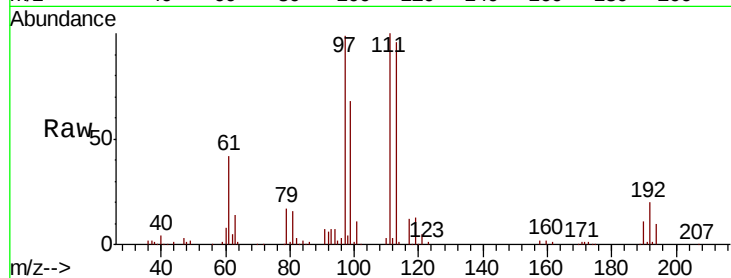
Tot Ion:113 Resp: 223455

Ion Ratio Lower Upper

113 100

111 103.8 83.1 124.7

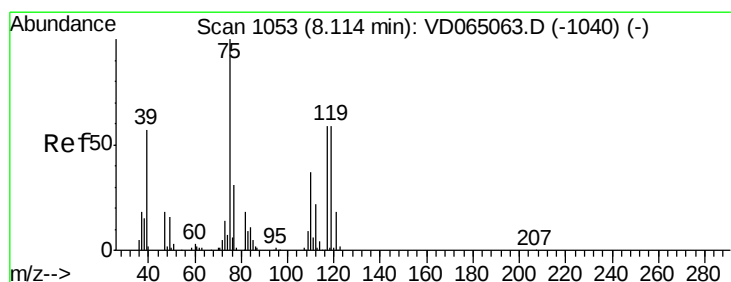
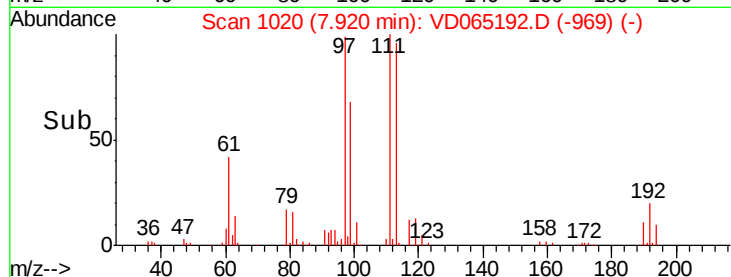
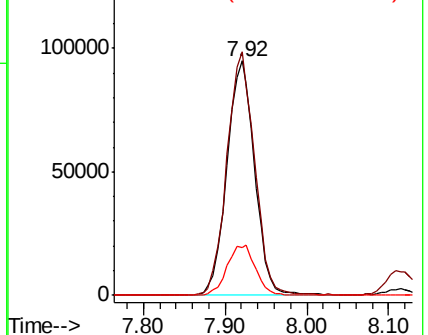
192 22.0 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 55.167 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

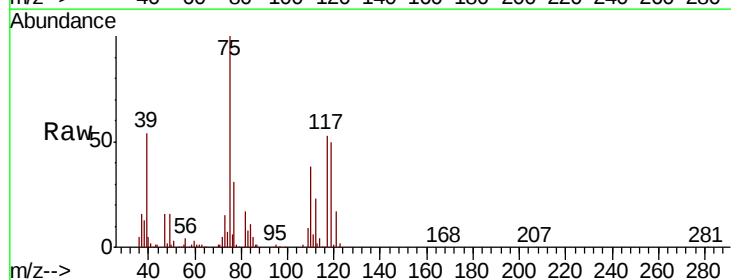
Tgt Ion: 75 Resp: 347794

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.3

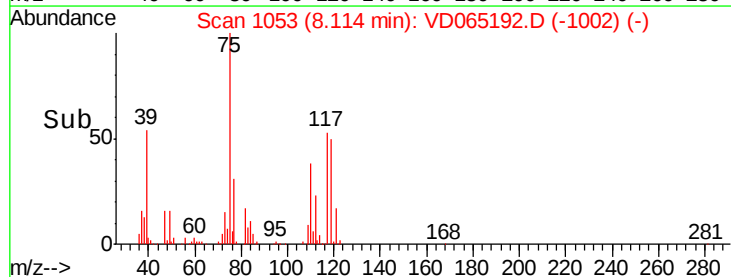
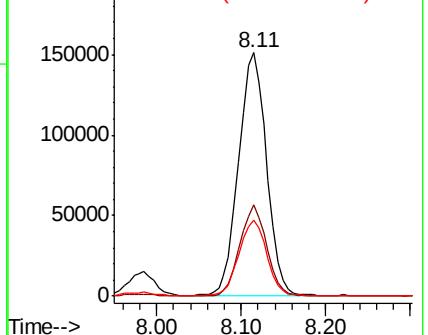
77 30.8 24.7 37.1

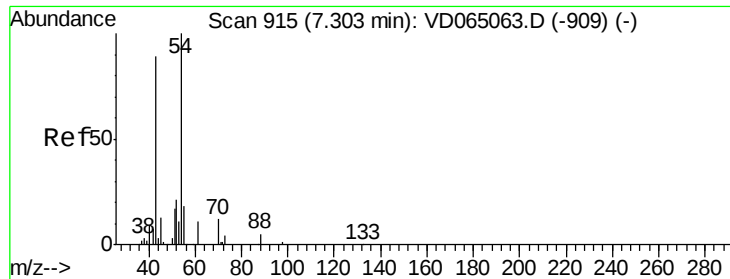


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

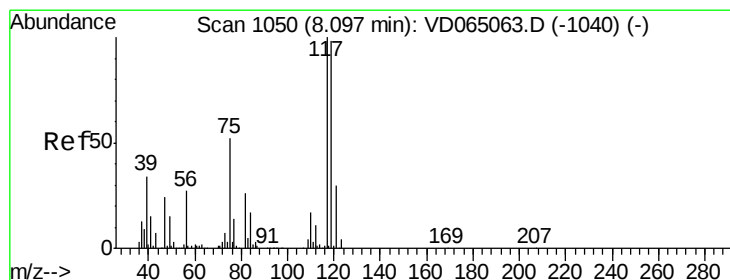
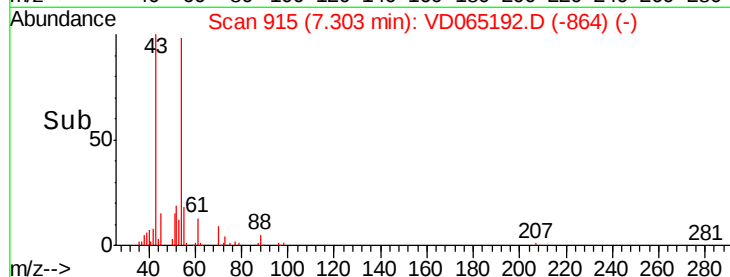
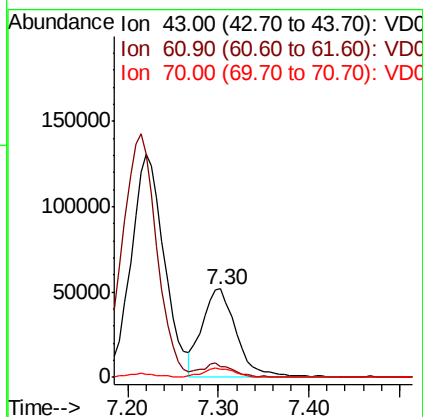
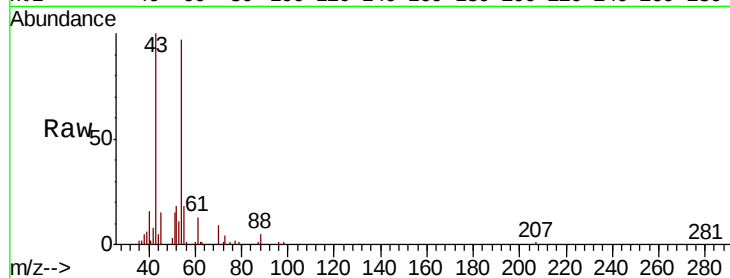




#37
Ethyl Acetate
Concen: 52.111 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

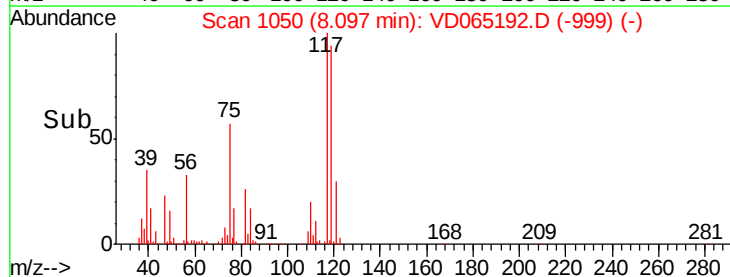
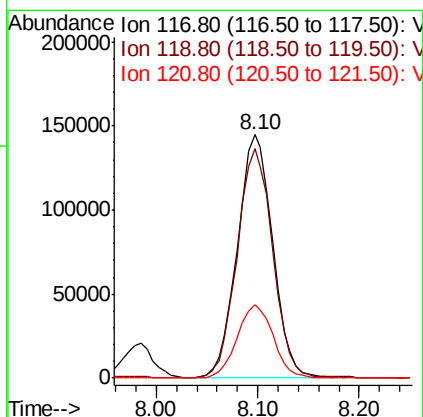
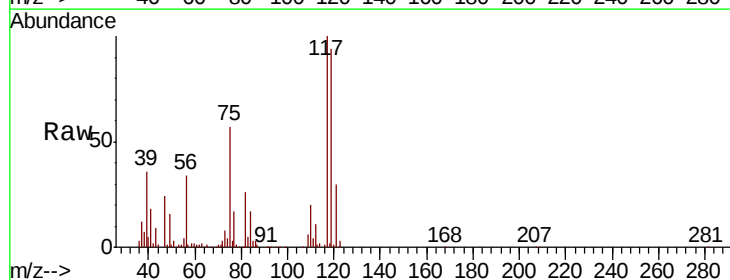
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

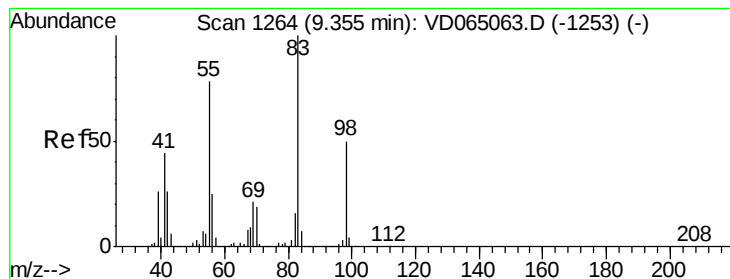
Tot Ion: 43 Resp: 134215
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 9.9 8.2 12.2



#38
Carbon Tetrachloride
Concen: 54.092 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion: 117 Resp: 348294
Ion Ratio Lower Upper
117 100
119 94.2 78.5 117.7
121 30.2 23.8 35.6

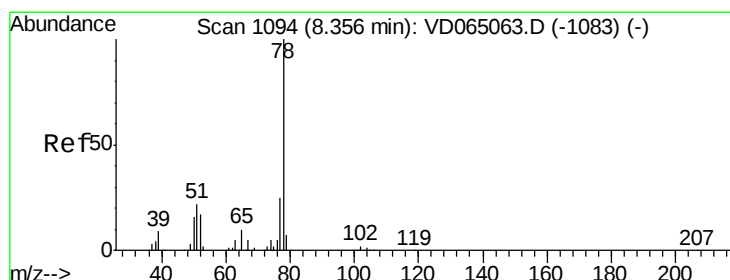
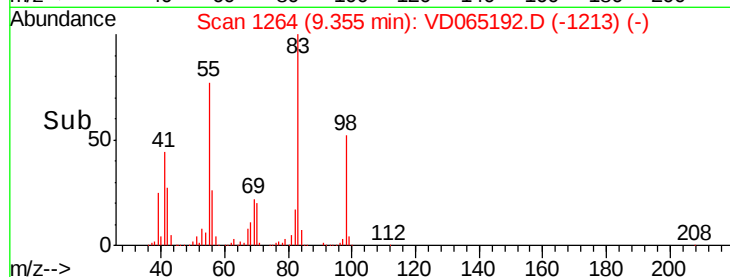
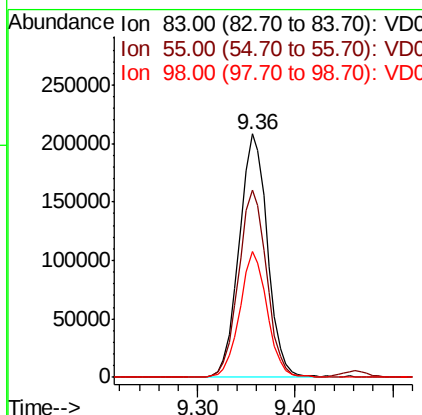
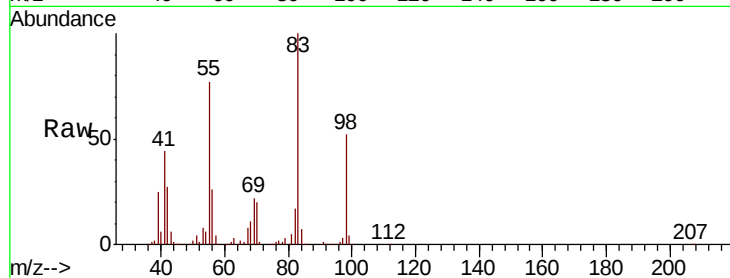




#39
Methvlcvclohexane
Concen: 54.259 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

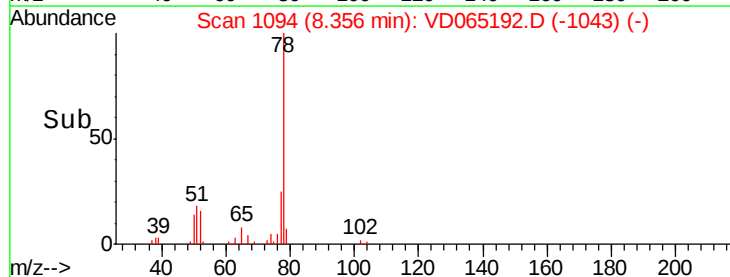
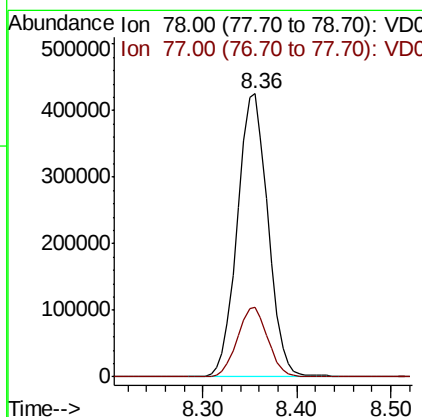
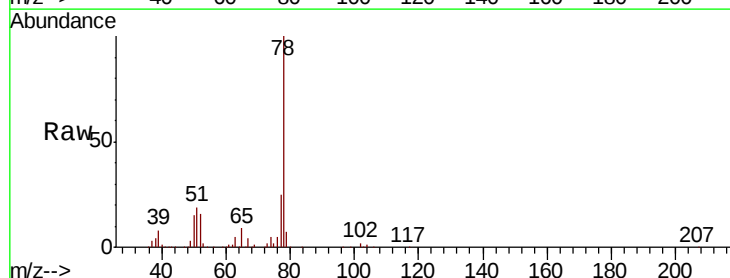
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

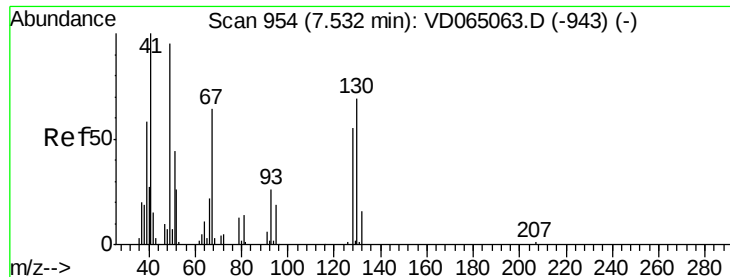
Tot Ion: 83 Resp: 422227
Ion Ratio Lower Upper
83 100
55 76.9 62.0 93.0
98 51.8 39.9 59.9



#40
Benzene
Concen: 55.318 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion: 78 Resp: 963046
Ion Ratio Lower Upper
78 100
77 24.7 19.6 29.4





#41

Methacrylonitrile

Concen: 54.343 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 77109

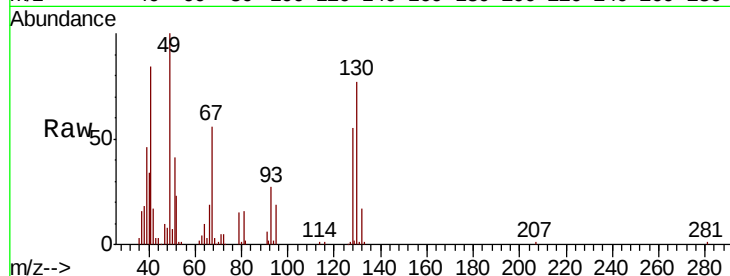
Ion Ratio Lower Upper

41 100

39 53.0 55.4 83.0#

67 70.8 59.0 88.6

52 30.0 25.4 38.0

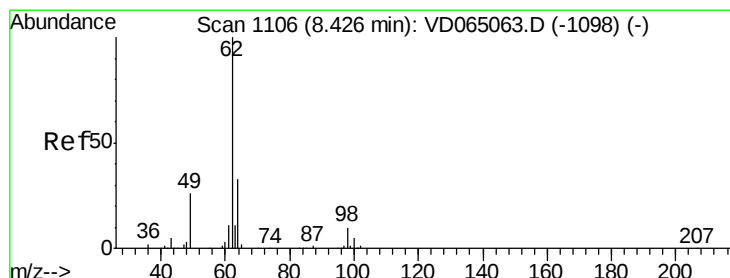
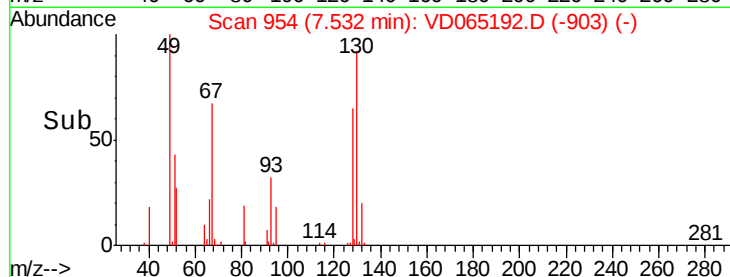
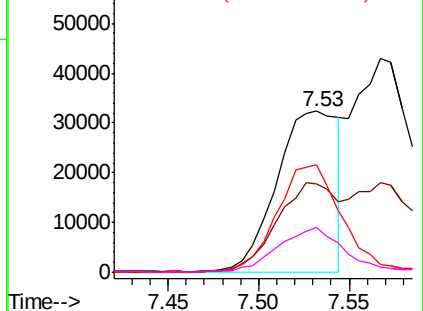


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 51.943 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD065192.D

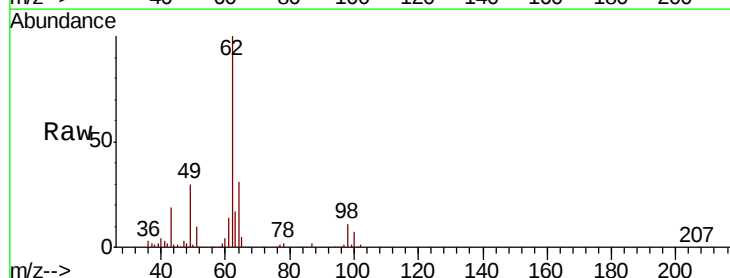
Acq: 17 Feb 2020 10:26

Tgt Ion: 62 Resp: 257669

Ion Ratio Lower Upper

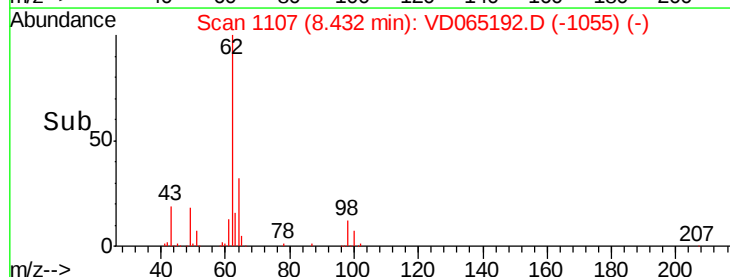
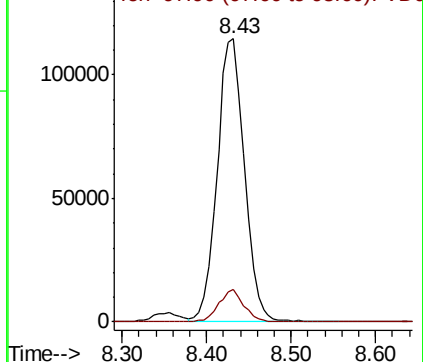
62 100

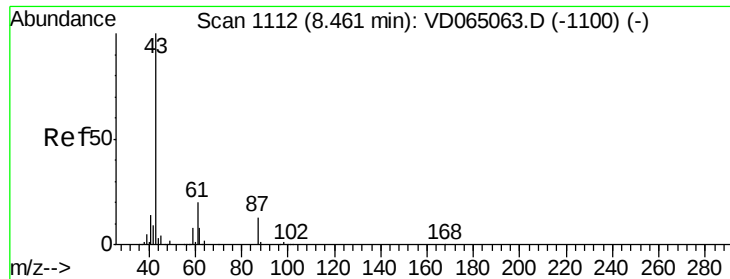
98 10.5 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 50.369 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

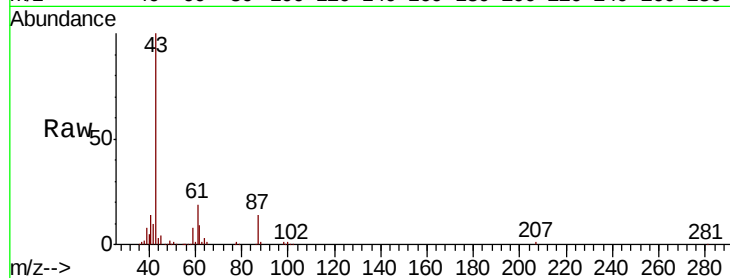
Tot Ion: 43 Resp: 248161

Ion Ratio Lower Upper

43 100

61 31.0 24.0 36.0

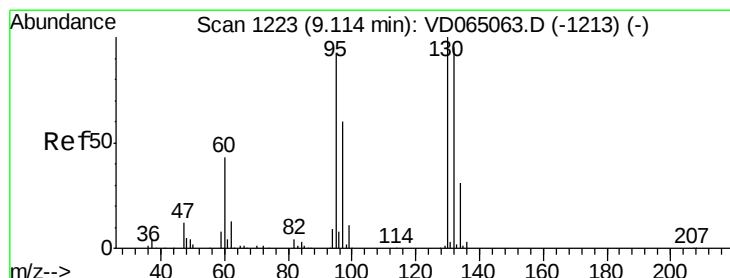
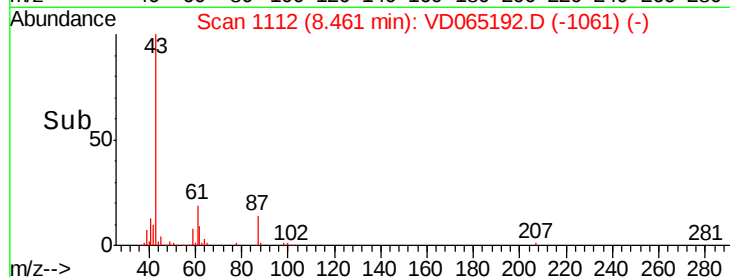
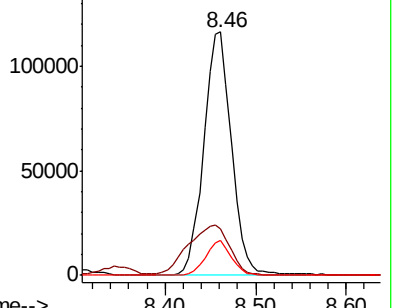
87 13.2 10.2 15.4



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: 53.537 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065192.D

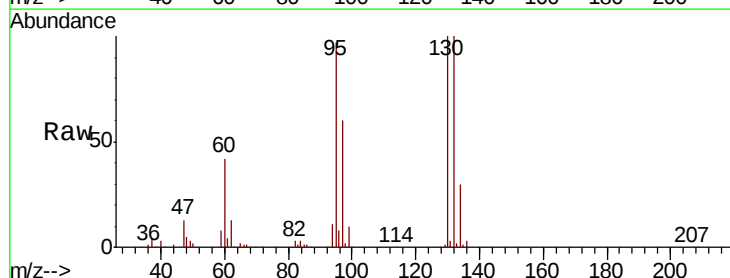
Acq: 17 Feb 2020 10:26

Tgt Ion:130 Resp: 267532

Ion Ratio Lower Upper

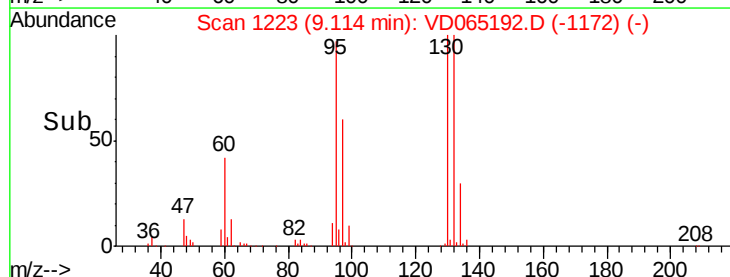
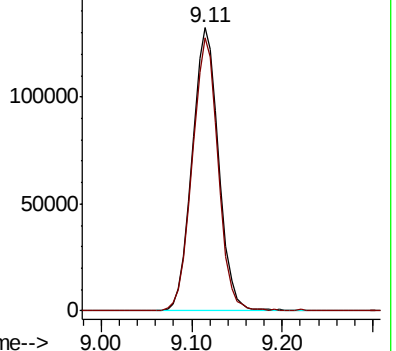
130 100

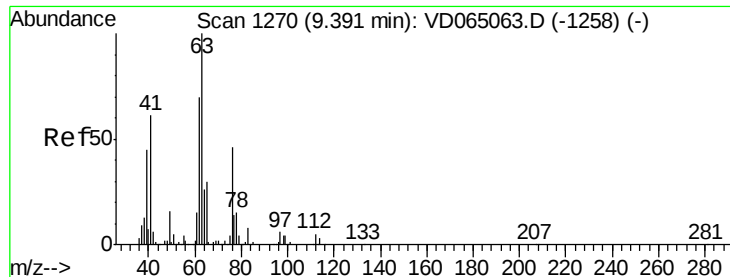
95 96.7 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 57.842 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

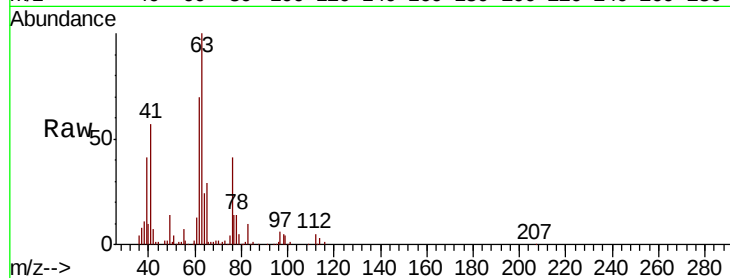
VSTDCCC050

Tot Ion: 63 Resp: 241439

Ion Ratio Lower Upper

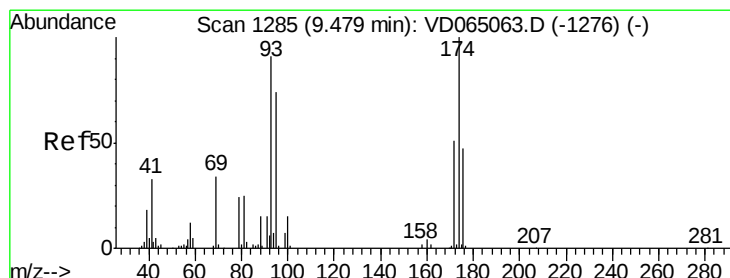
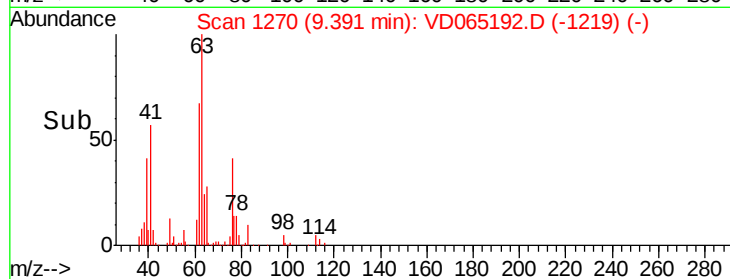
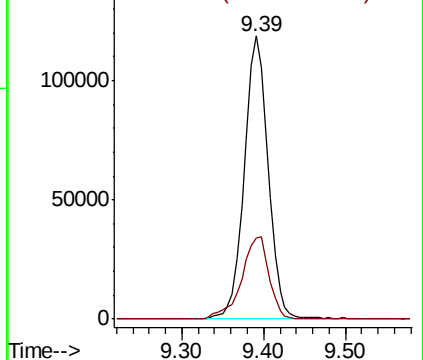
63 100

65 28.7 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 54.566 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

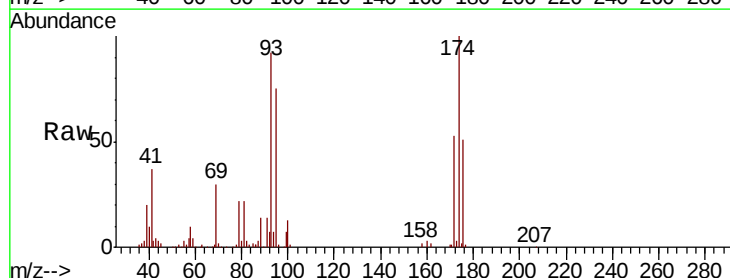
Tgt Ion: 93 Resp: 119684

Ion Ratio Lower Upper

93 100

95 82.0 66.5 99.7

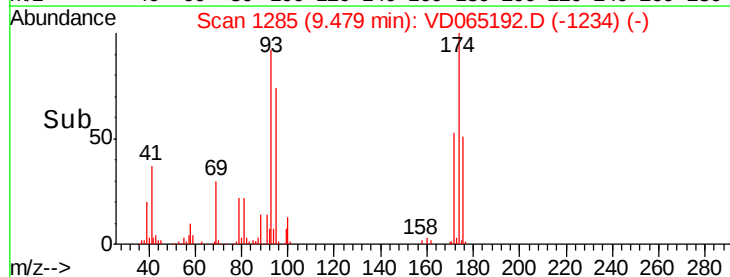
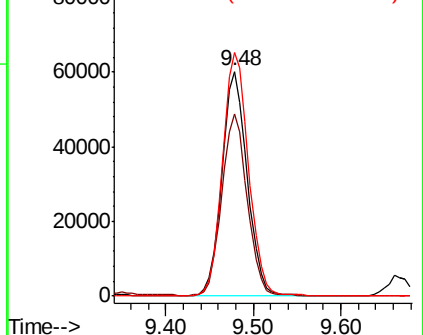
174 111.1 89.8 134.8

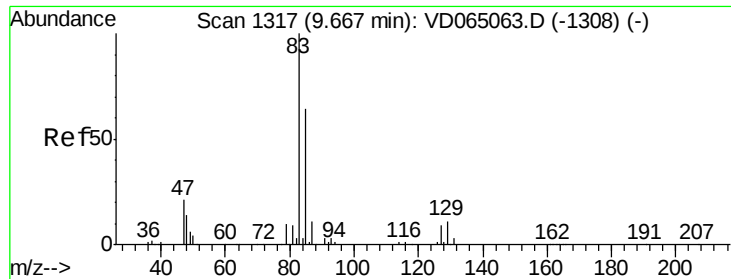


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

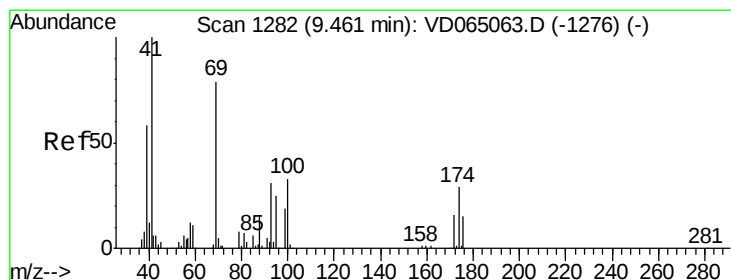
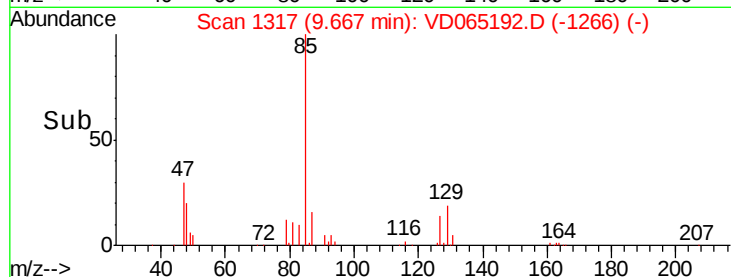
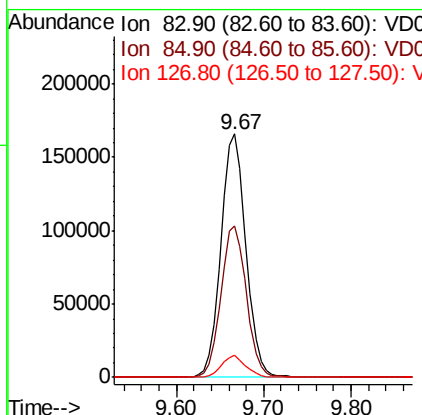
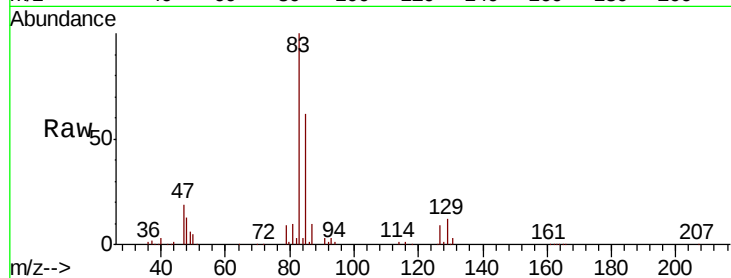




#47
Bromodichloromethane
Concen: 56.520 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

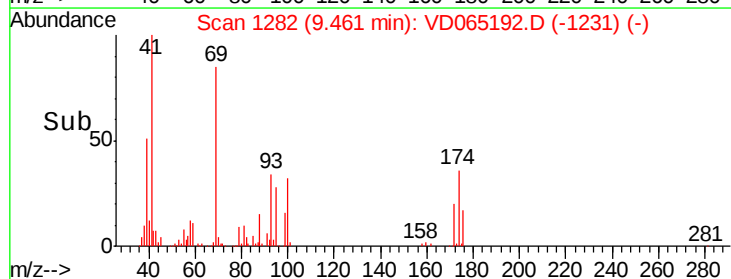
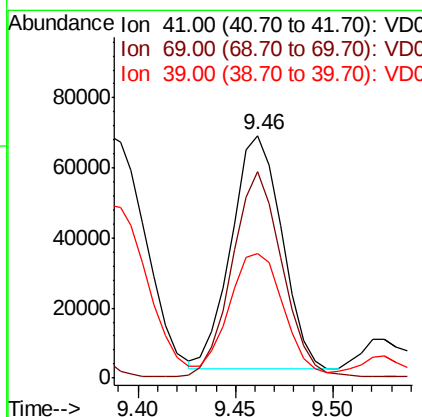
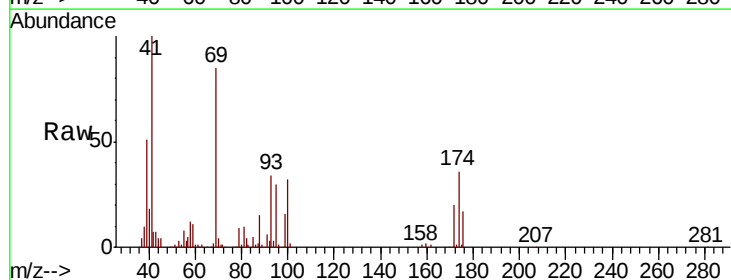
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

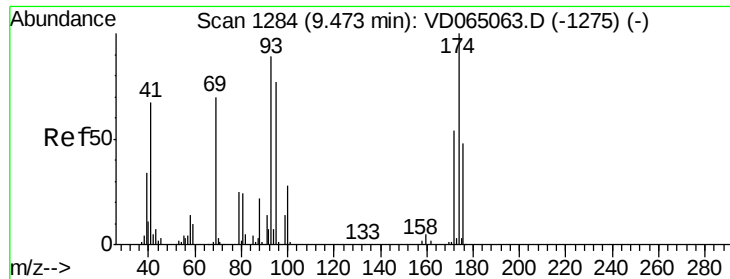
Tot Ion: 83 Resp: 326650
Ion Ratio Lower Upper
83 100
85 62.3 51.0 76.6
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 50.261 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion: 41 Resp: 119160
Ion Ratio Lower Upper
41 100
69 87.6 67.5 101.3
39 53.6 47.0 70.4

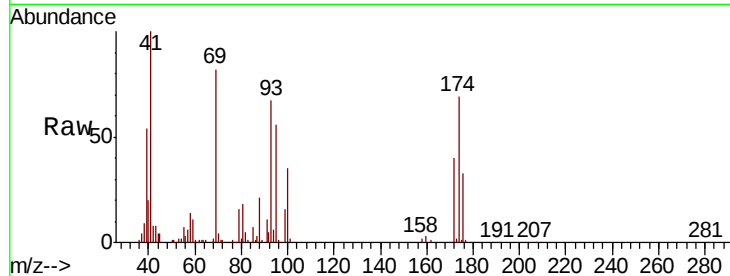




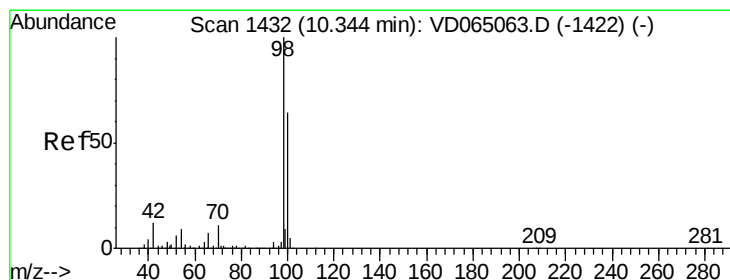
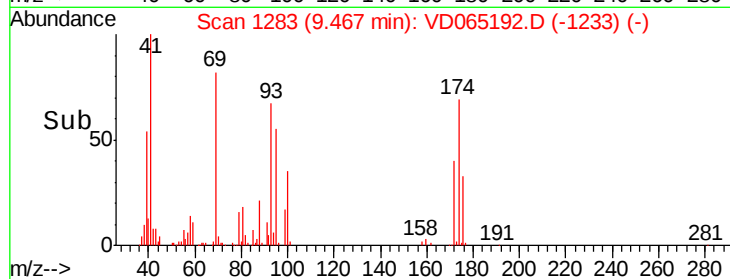
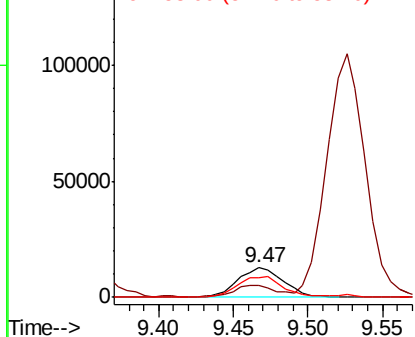
#49
1,4-Dioxane
Concen: 1056.388 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 27444
Ion Ratio Lower Upper
88 100
43 36.8 27.7 41.5
58 70.0 55.5 83.3

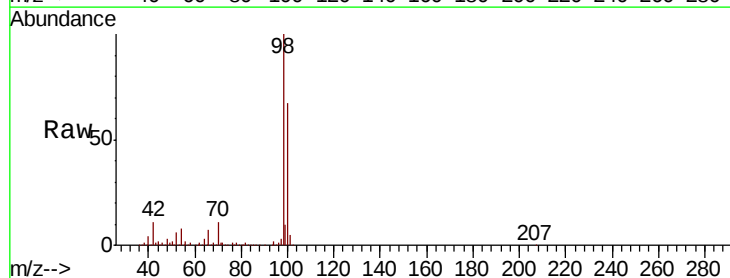


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

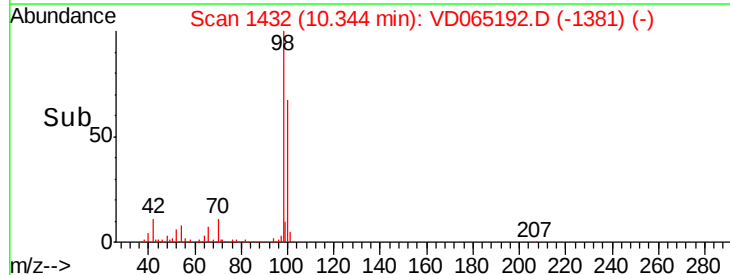
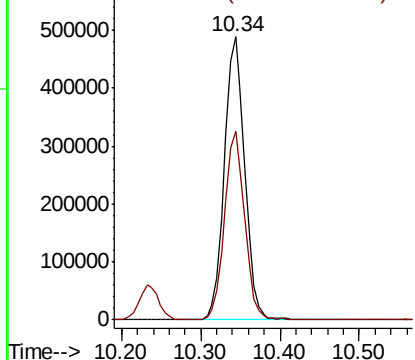


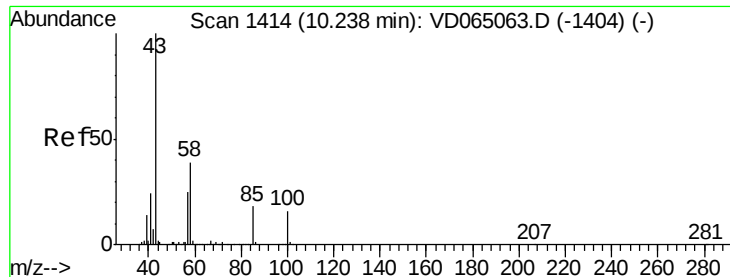
#50
Toluene-d8
Concen: 57.424 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion: 98 Resp: 864614
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



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

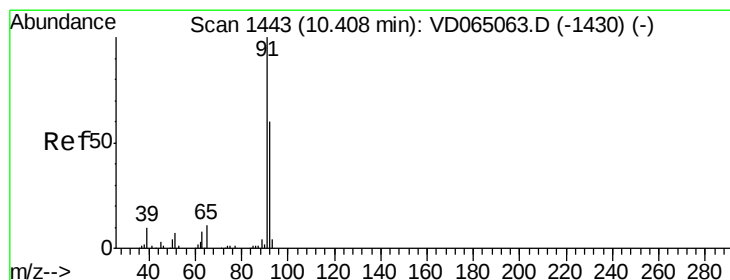
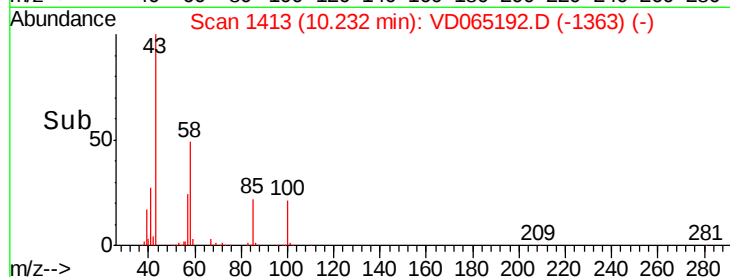
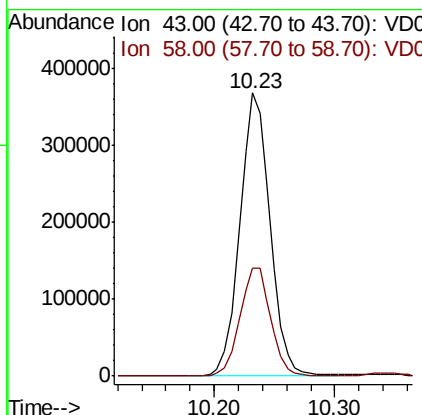
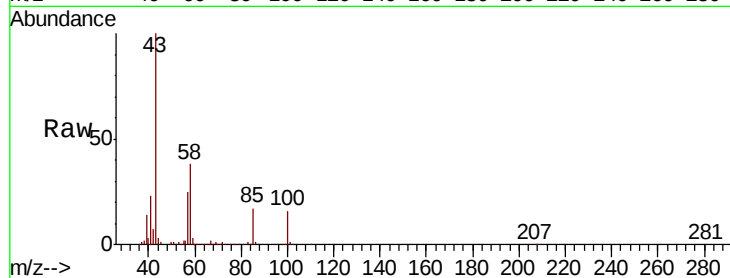




#51
 4-Methyl-2-Pentanone
 Concen: 265.019 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

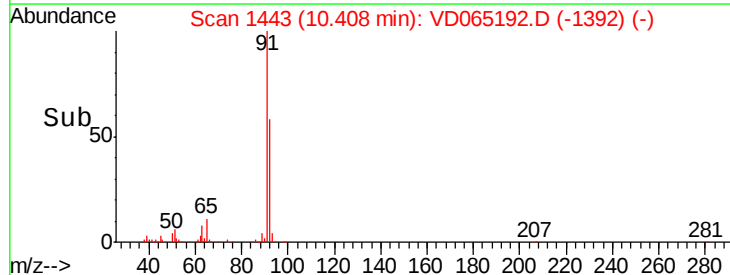
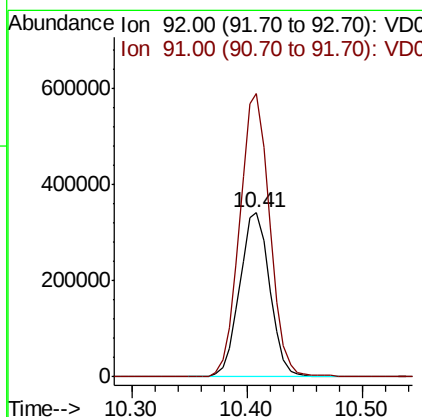
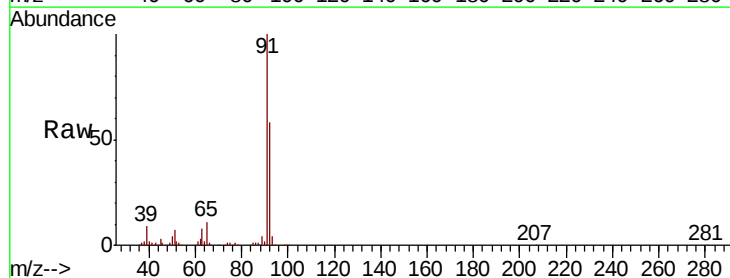
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

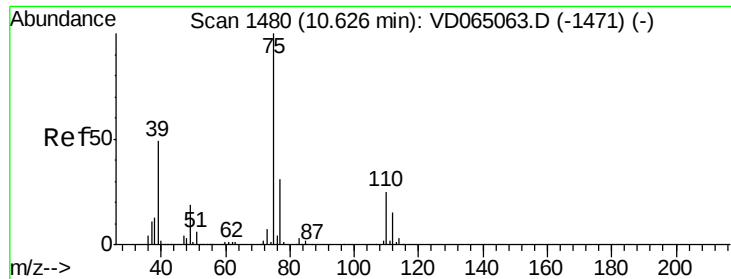
Tot Ion: 43 Resp: 642696
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.2 45.2



#52
 Toluene
 Concen: 55.864 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion: 92 Resp: 620726
 Ion Ratio Lower Upper
 92 100
 91 172.2 135.3 202.9





#53

t-1,3-Dichloropropene

Concen: 54.357 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

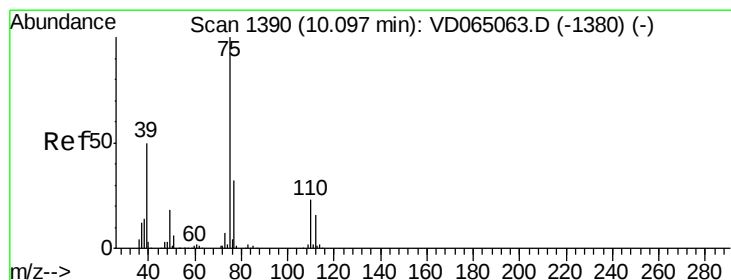
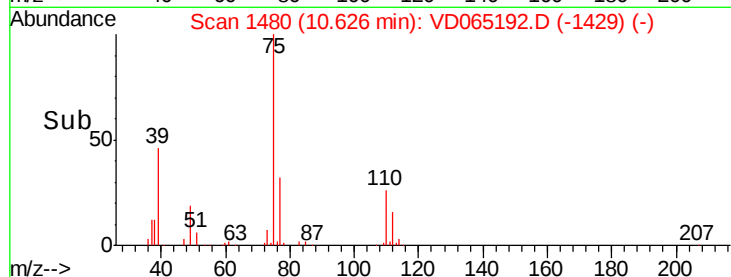
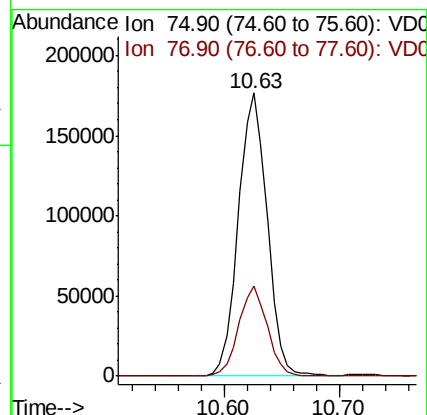
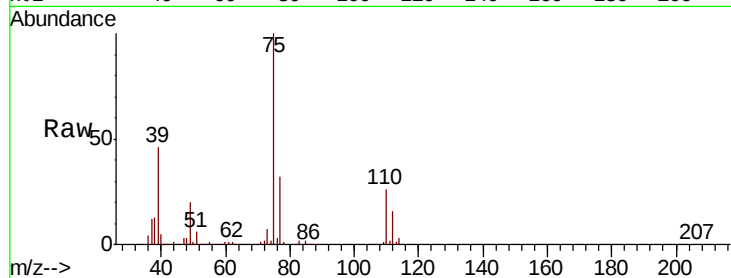
VSTDCCC050

Tot Ion: 75 Resp: 305866

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 55.350 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

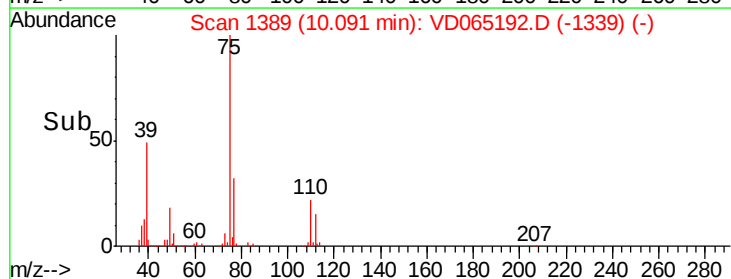
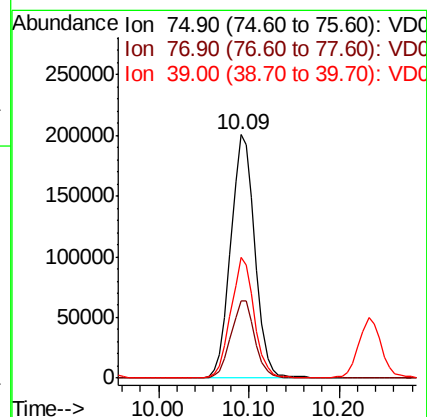
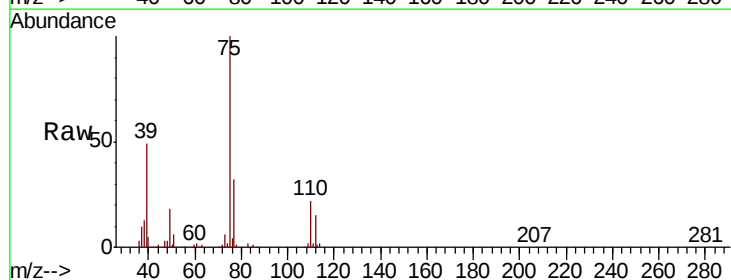
Tgt Ion: 75 Resp: 372497

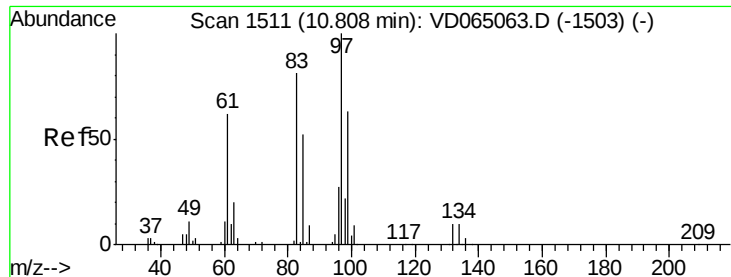
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 49.3 40.3 60.5

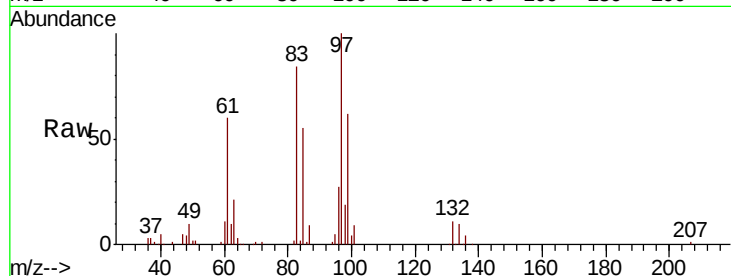




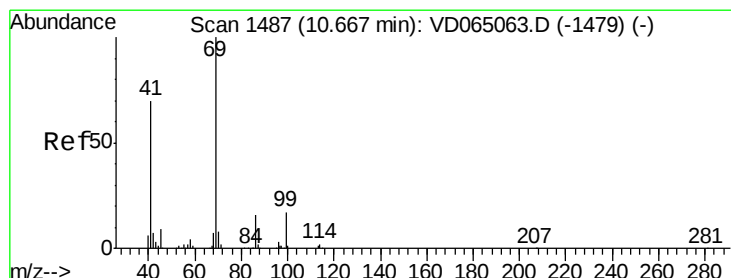
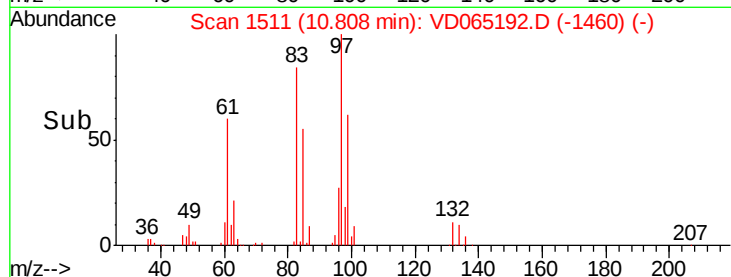
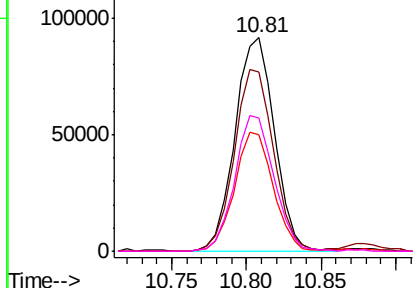
#55
 1,1,2-Trichloroethane
 Concen: 56.024 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	168551
Ion	Ratio	Lower	Upper
97	100		
83	84.1	64.8	97.2
85	54.6	41.2	61.8
99	62.5	50.3	75.5

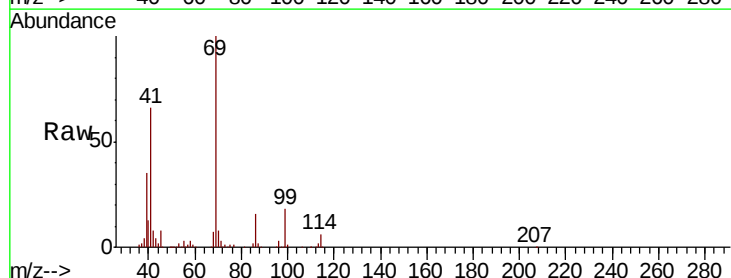


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

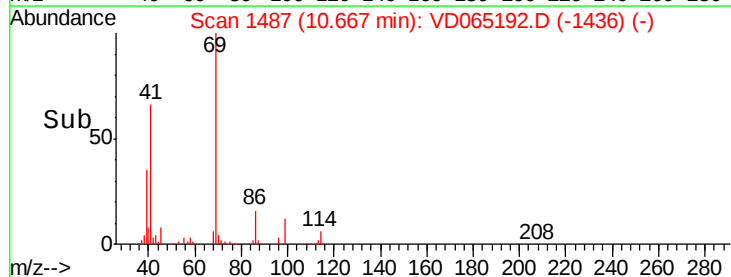
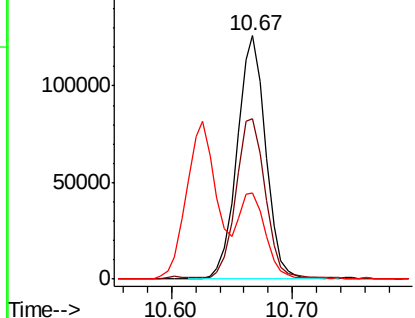


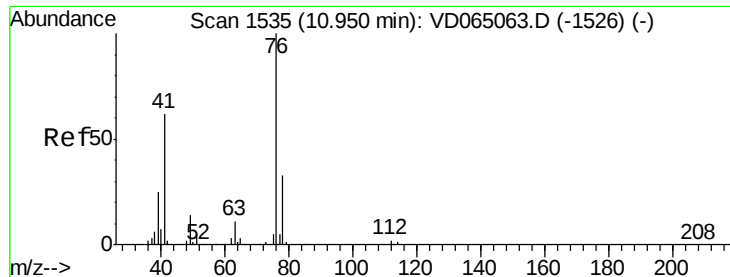
#56
 Ethyl methacrylate
 Concen: 54.773 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion:	69	Resp:	208502
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.9	83.9
39	32.4	29.4	44.0



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

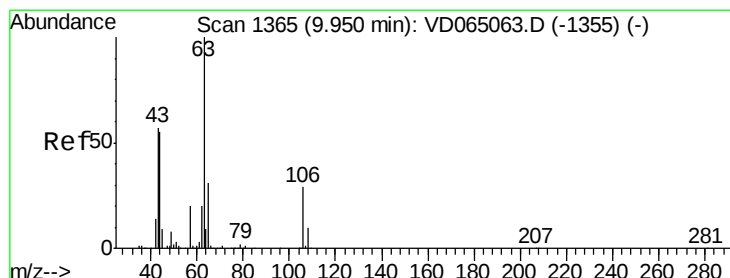
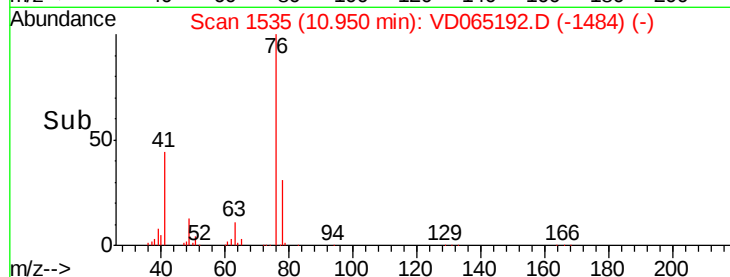
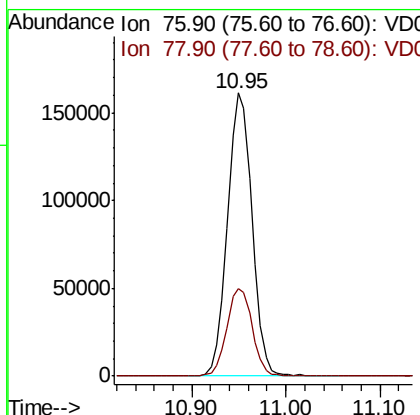
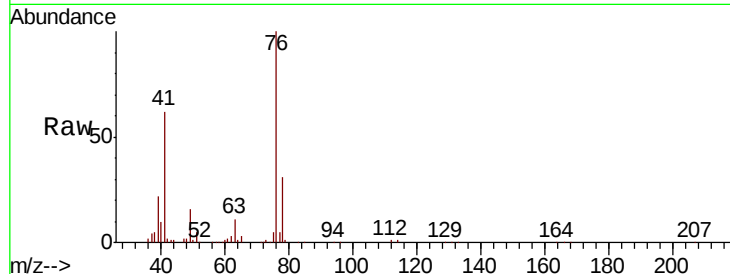




#57
 1,3-Dichloropropane
 Concen: 55.303 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

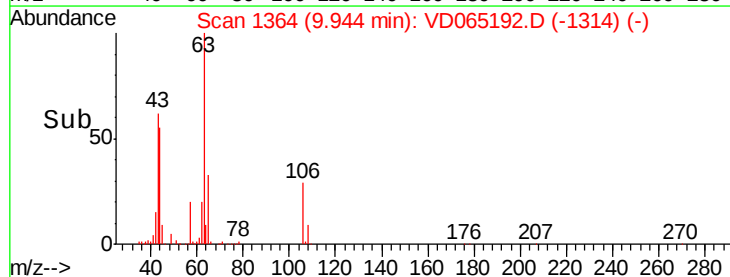
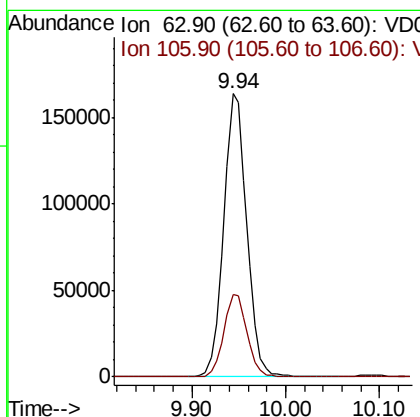
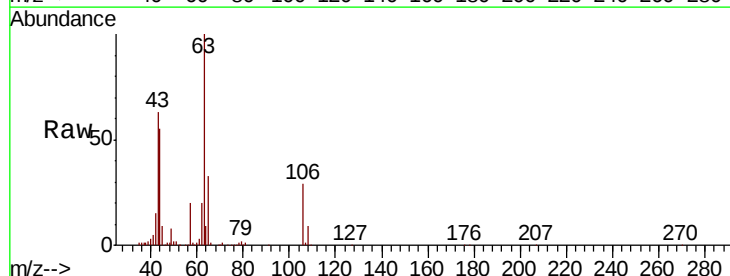
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

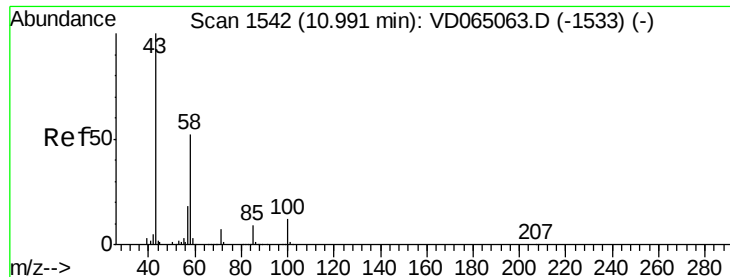
Tot Ion: 76 Resp: 292570
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.951 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion: 63 Resp: 279014
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.3 34.9

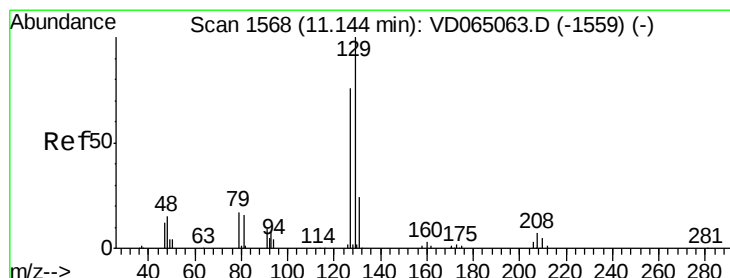
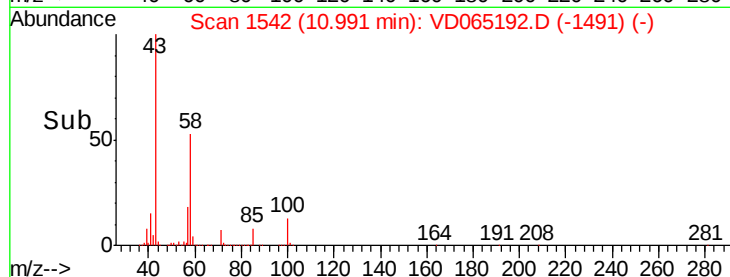
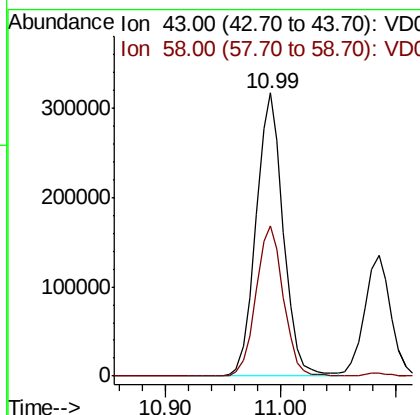
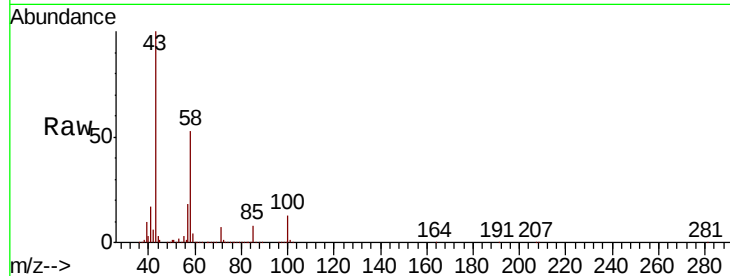




#59
2-Hexanone
Concen: 302.753 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

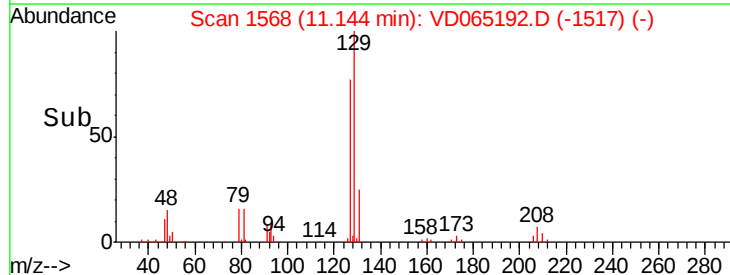
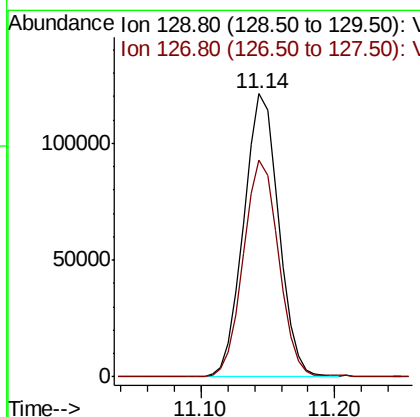
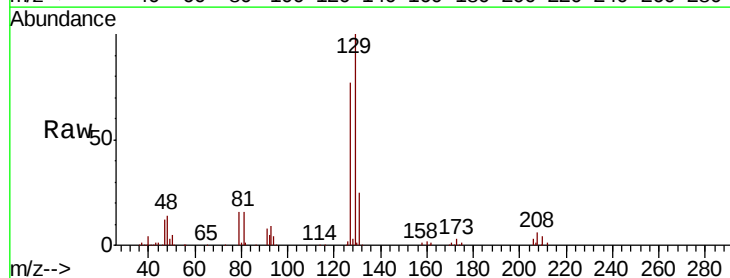
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

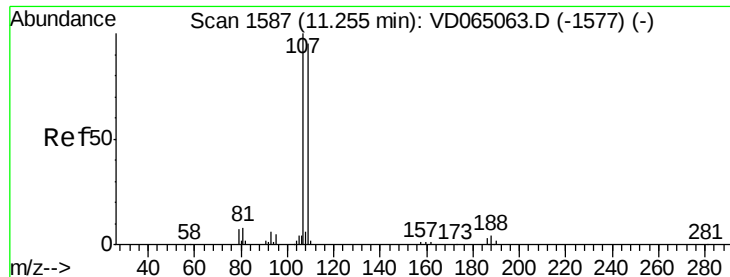
Tot Ion: 43 Resp: 520054
Ion Ratio Lower Upper
43 100
58 53.4 26.2 78.6



#60
Dibromochloromethane
Concen: 56.252 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion: 129 Resp: 219205
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

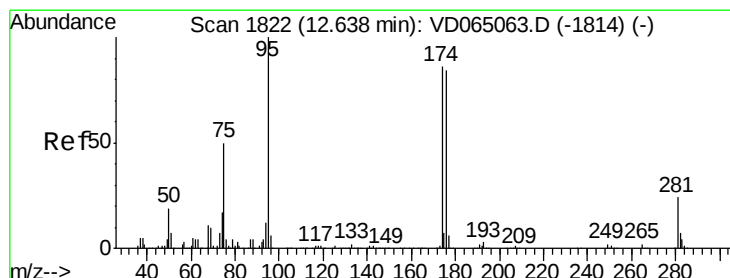
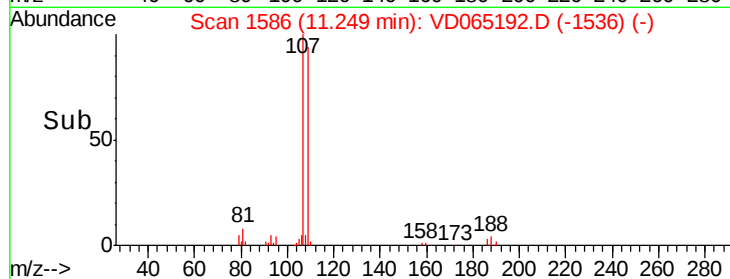
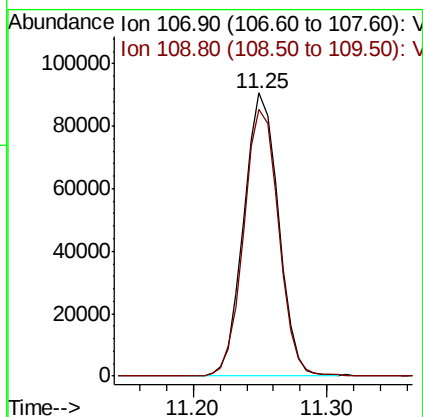
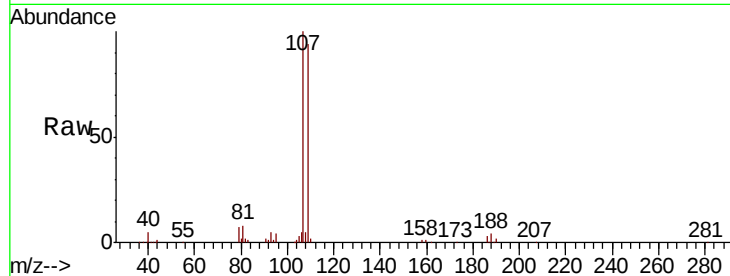




#61
 1,2-Dibromoethane
 Concen: 55.319 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

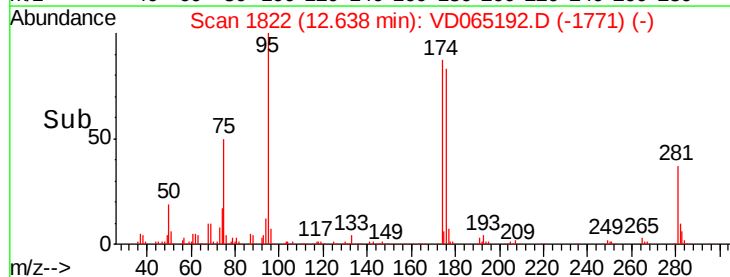
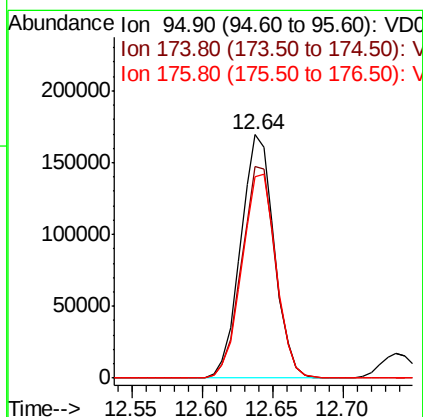
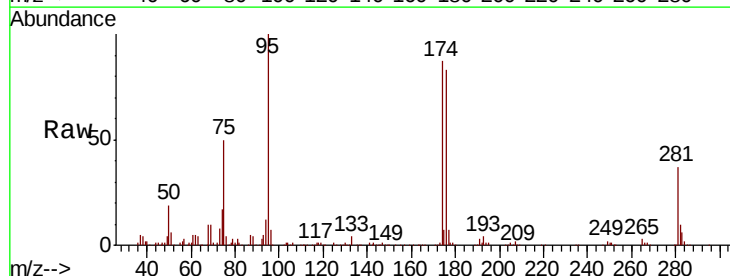
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

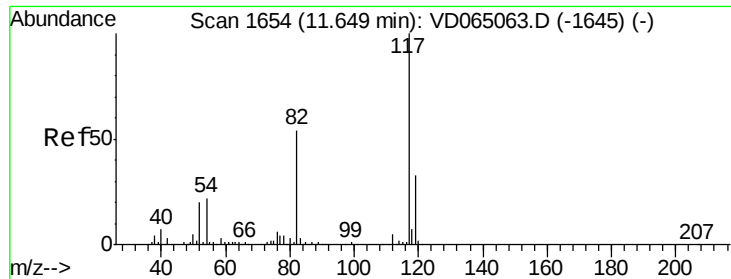
Tot Ion: 107 Resp: 162620
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 59.028 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion: 95 Resp: 281616
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 180.0
 176 86.1 0.0 173.2

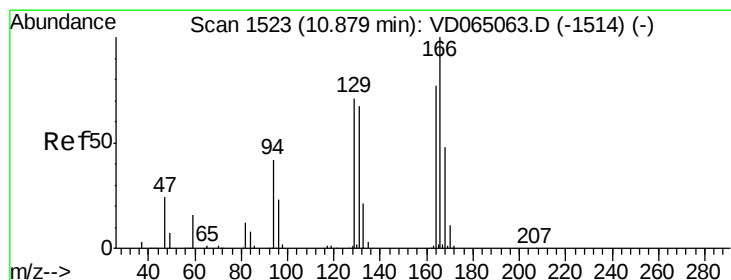
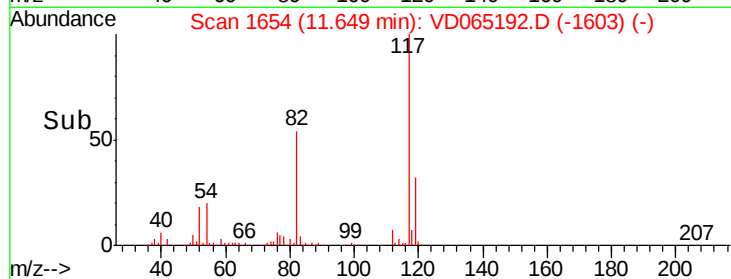
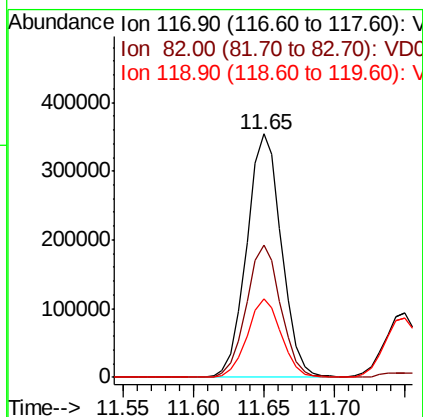
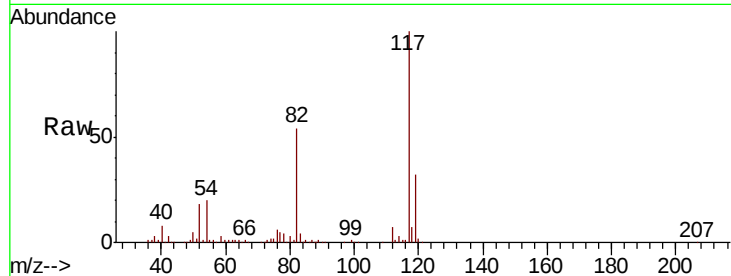




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

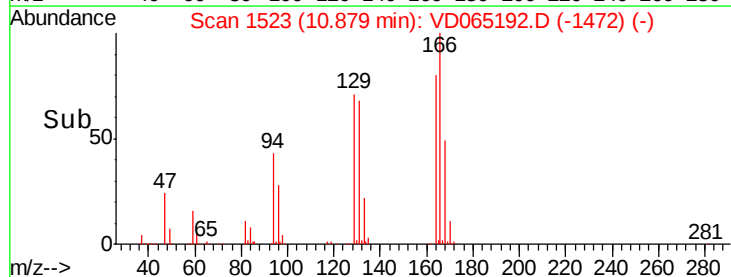
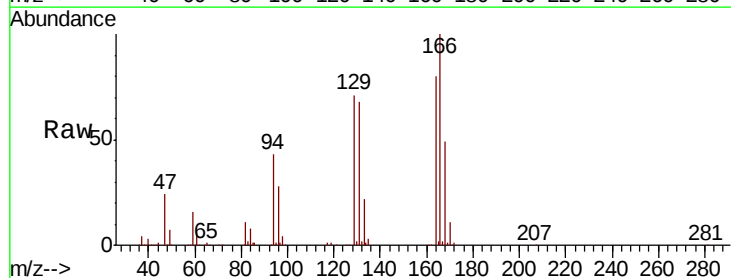
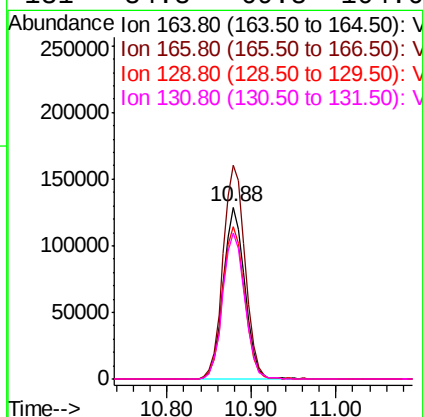
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

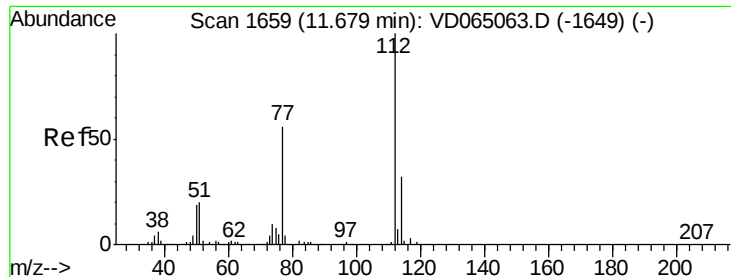
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.1	64.7
119	32.3	26.0	39.0



#64
Tetrachloroethene
Concen: 51.569 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	103.5	155.3
129	88.9	73.3	109.9
131	84.8	69.8	104.6

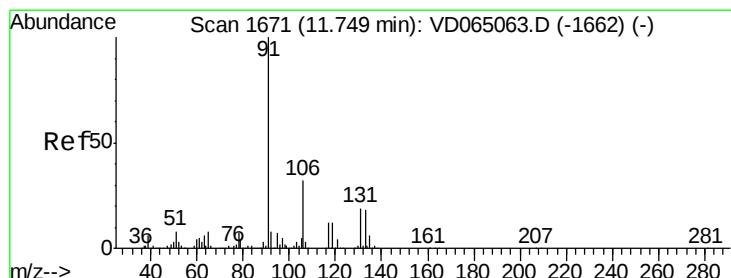
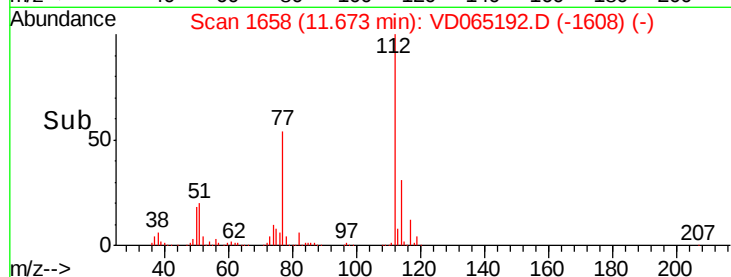
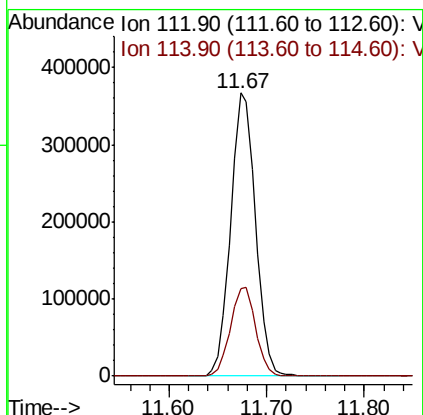
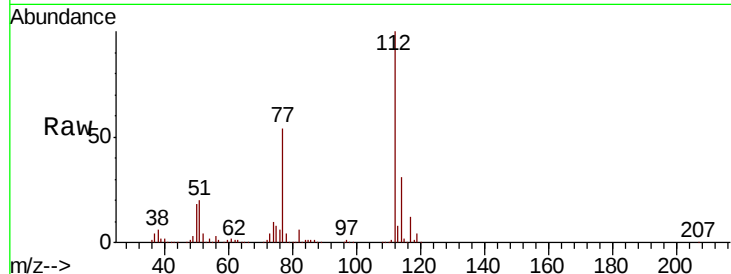




#65
Chlorobenzene
Concen: 54.759 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

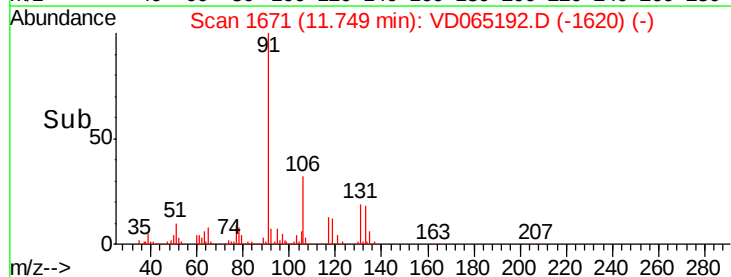
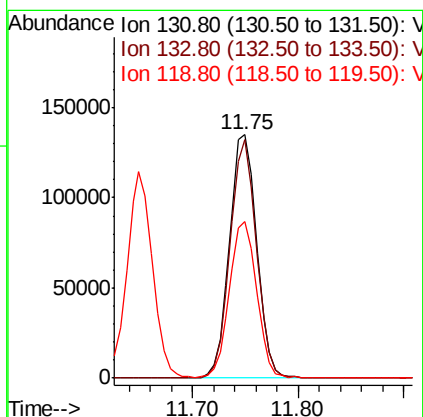
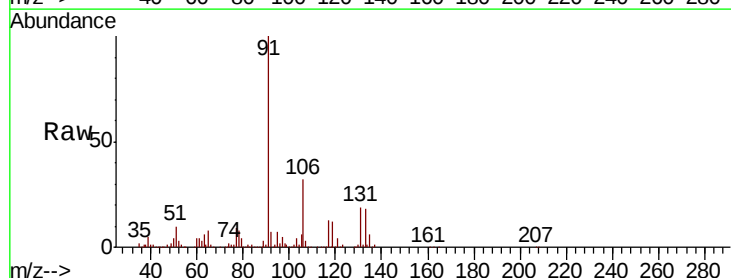
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

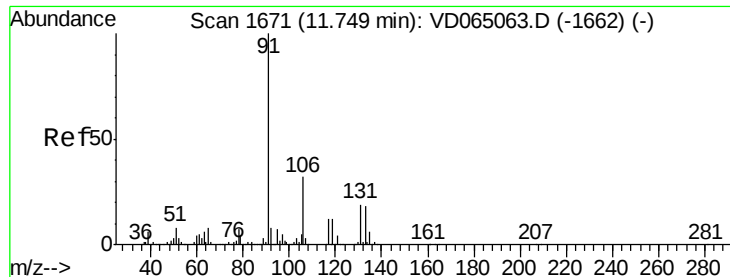
Tot Ion:112 Resp: 646333
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.122 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion:131 Resp: 240129
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 64.6 31.3 93.8





#67

Ethyl Benzene

Concen: 54.619 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

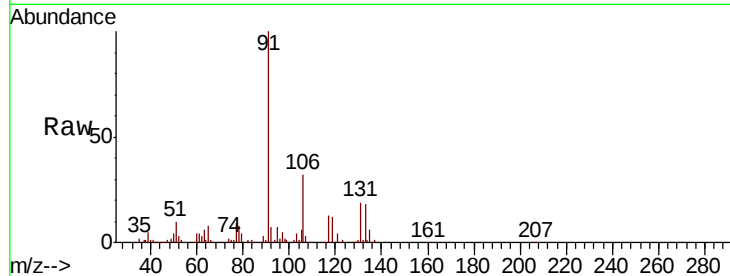
VSTDCCC050

Tot Ion: 91 Resp: 1171270

Ion Ratio Lower Upper

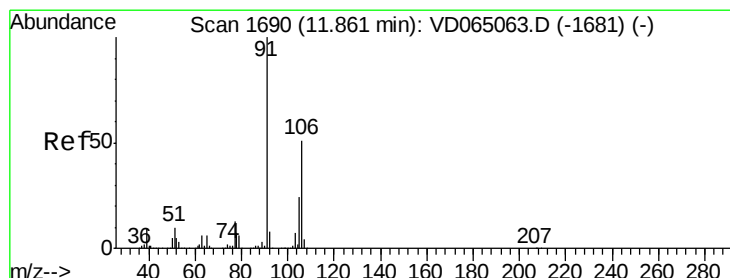
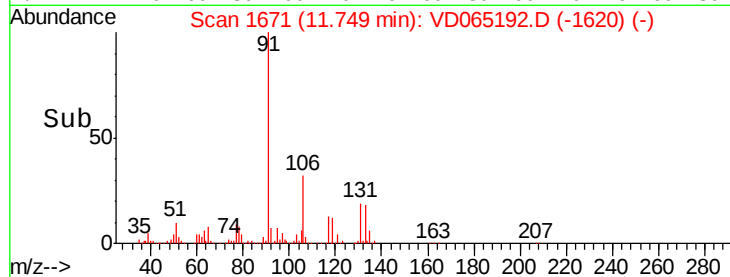
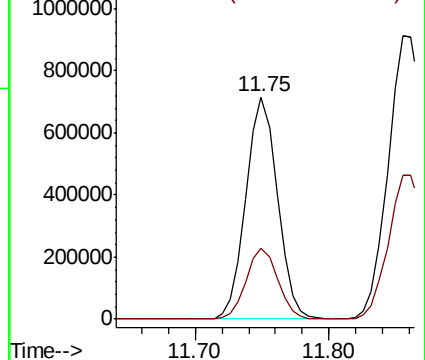
91 100

106 32.1 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 110.260 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065192.D

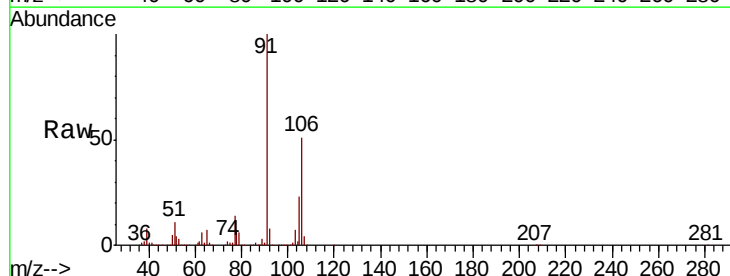
Acq: 17 Feb 2020 10:26

Tgt Ion: 106 Resp: 902447

Ion Ratio Lower Upper

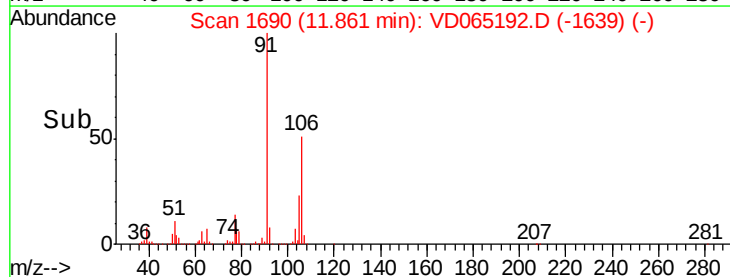
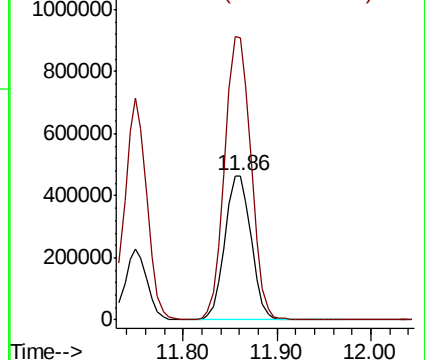
106 100

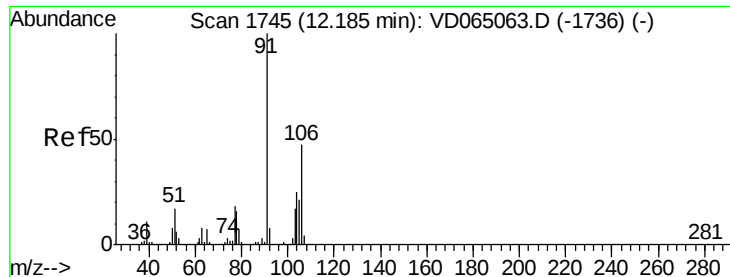
91 197.5 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

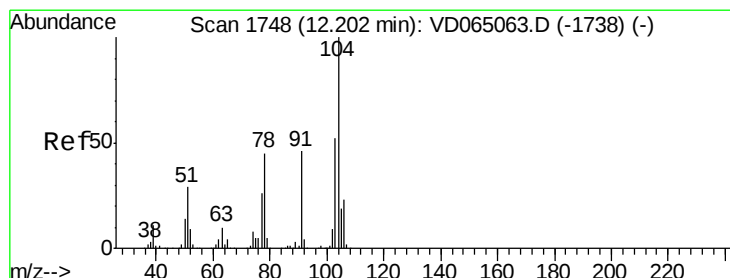
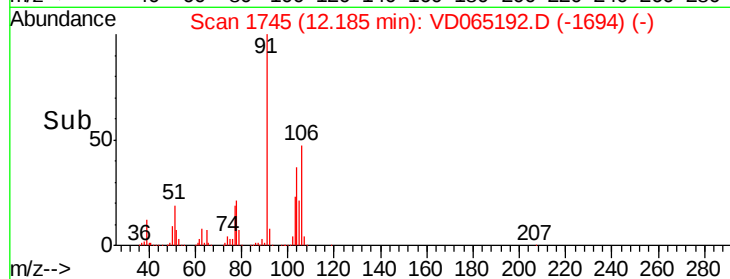
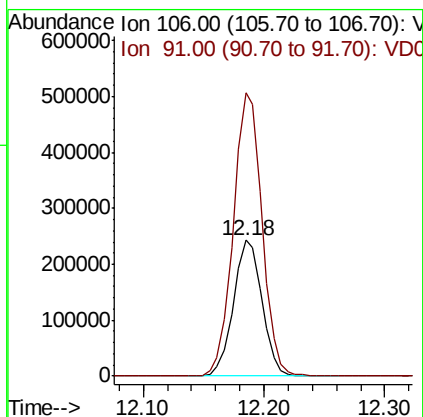
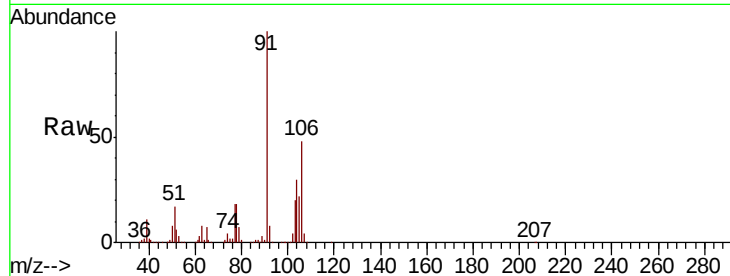




#69
o-Xylene
Concen: 54.560 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

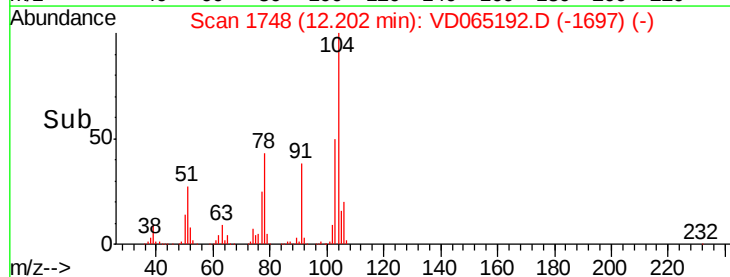
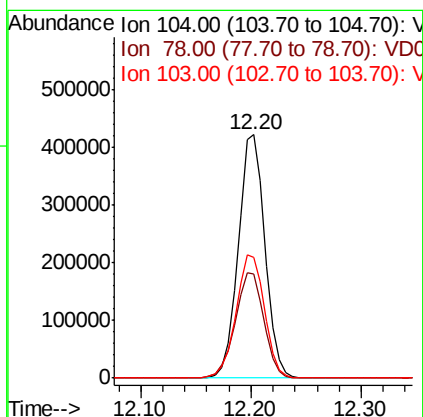
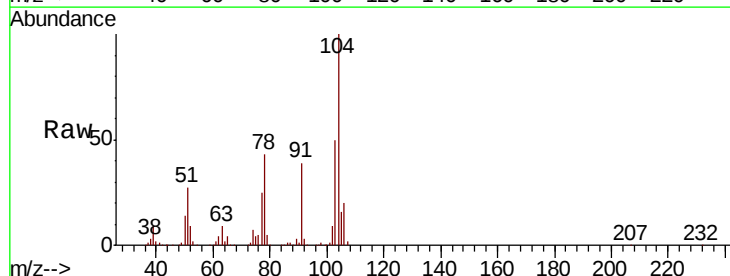
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

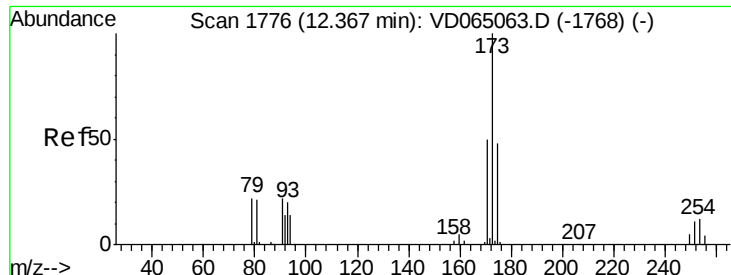
Tot Ion:106 Resp: 402134
Ion Ratio Lower Upper
106 100
91 208.2 104.7 313.9



#70
Styrene
Concen: 55.986 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion:104 Resp: 717180
Ion Ratio Lower Upper
104 100
78 46.8 38.5 57.7
103 54.2 43.8 65.8





#71

Bromoform

Concen: 53.972 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

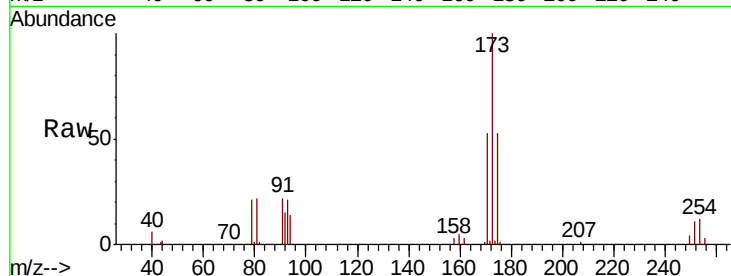
Tot Ion:173 Resp: 126554

Ion Ratio Lower Upper

173 100

175 50.1 24.3 72.8

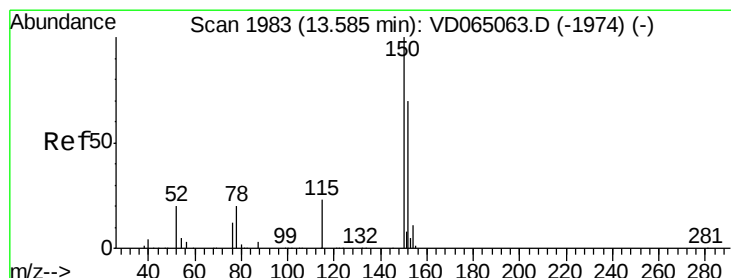
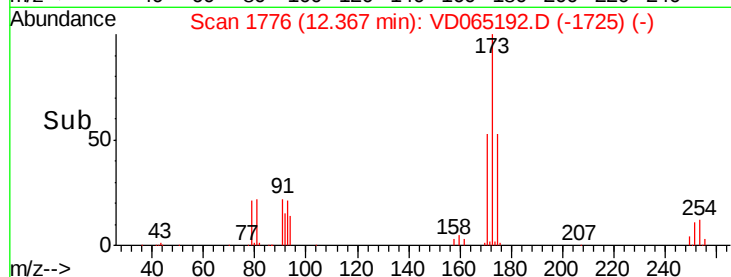
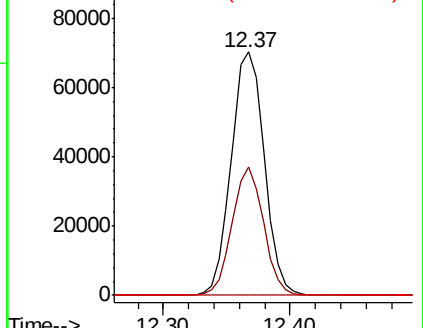
254 0.1 0.1 0.1#



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: VD065192.D

Acq: 17 Feb 2020 10:26

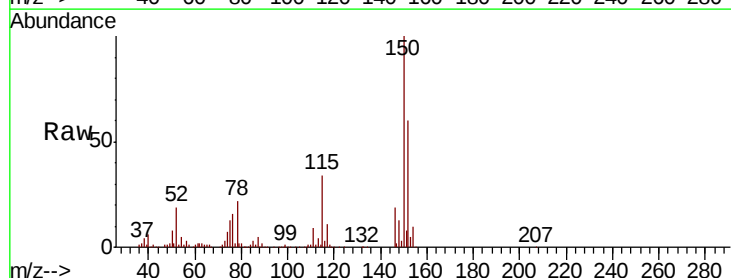
Tgt Ion:152 Resp: 297865

Ion Ratio Lower Upper

152 100

115 56.9 27.5 82.4

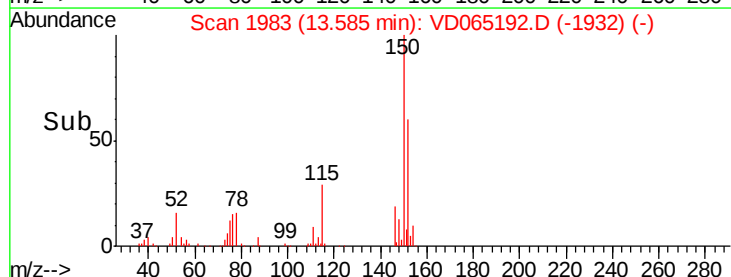
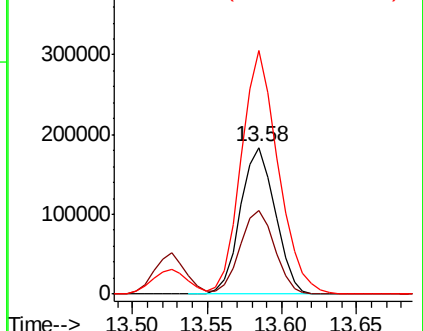
150 175.7 0.0 343.2

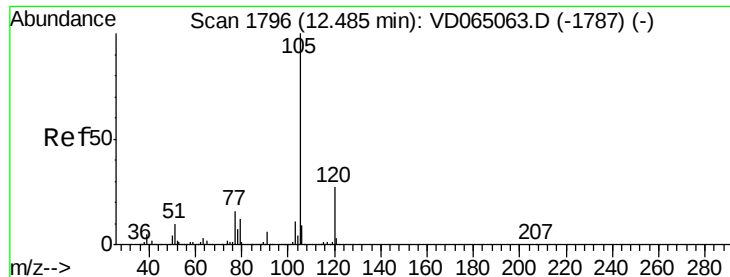


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.323 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

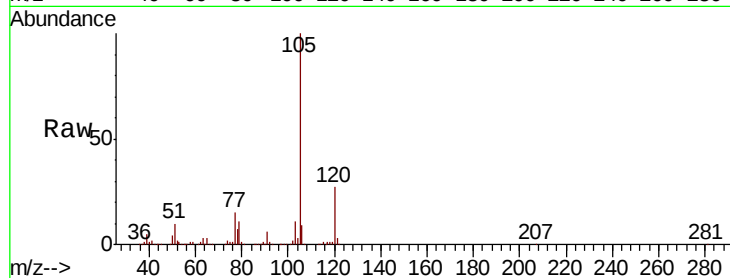
VSTDCCC050

Tot Ion:105 Resp: 1110594

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

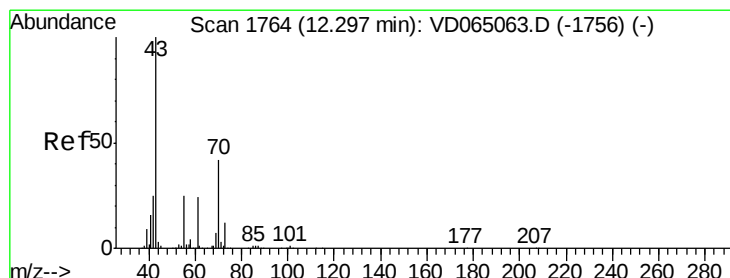
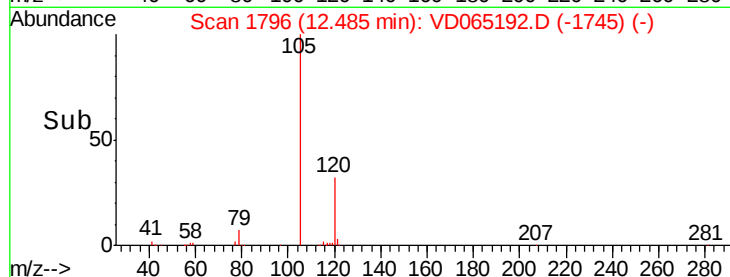
400000

200000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 51.214 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Tgt Ion: 43 Resp: 227578

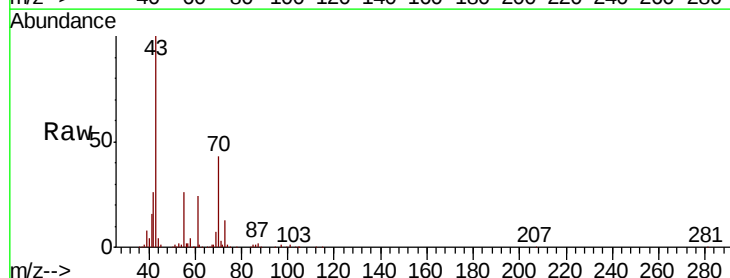
Ion Ratio Lower Upper

43 100

70 43.3 33.5 50.3

55 26.4 19.4 29.2

61 24.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

200000

150000

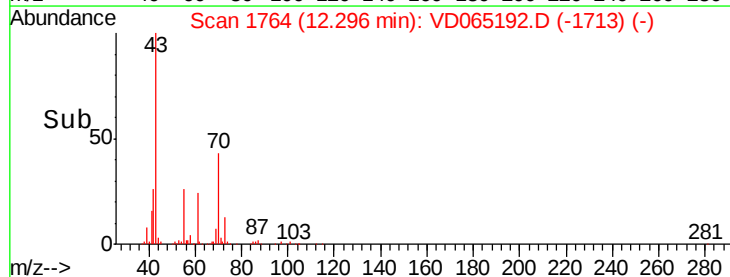
100000

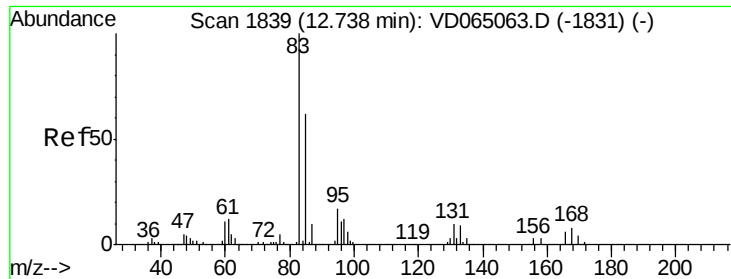
50000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.855 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

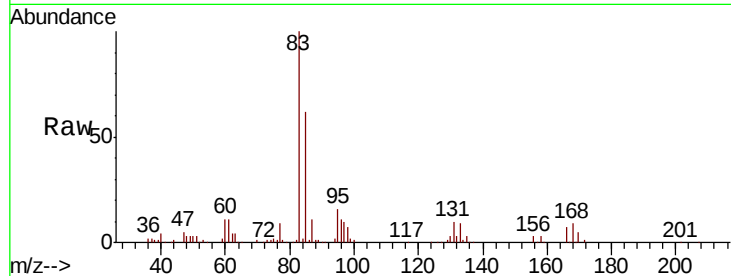
Tot Ion: 83 Resp: 176502

Ion Ratio Lower Upper

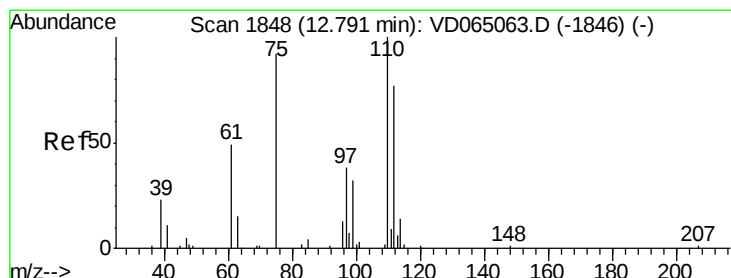
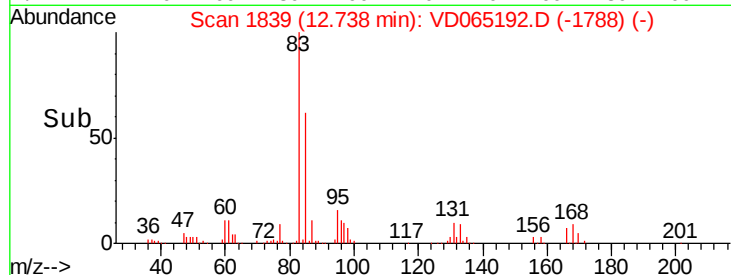
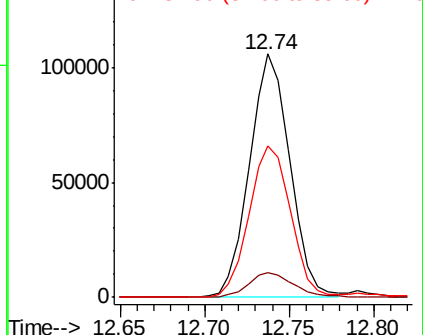
83 100

131 11.3 5.5 16.4

85 64.2 31.8 95.4



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



#76

1,2,3-Trichloropropane

Concen: 104.699 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065192.D

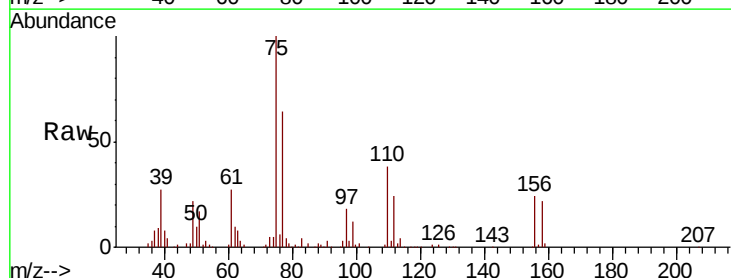
Acq: 17 Feb 2020 10:26

Tgt Ion: 75 Resp: 236112

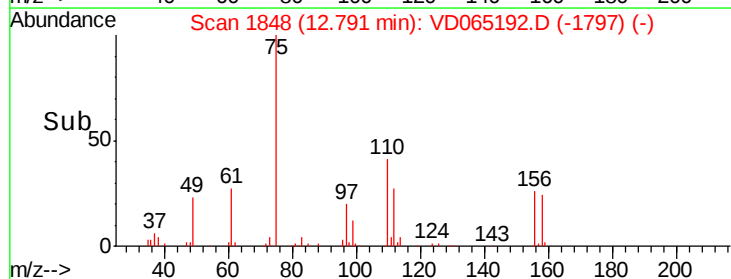
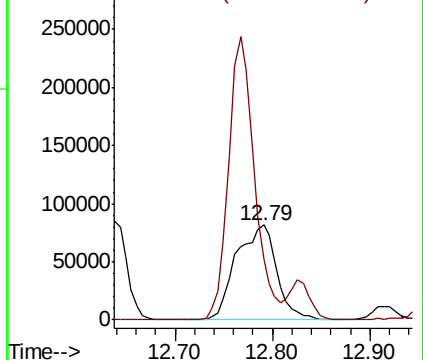
Ion Ratio Lower Upper

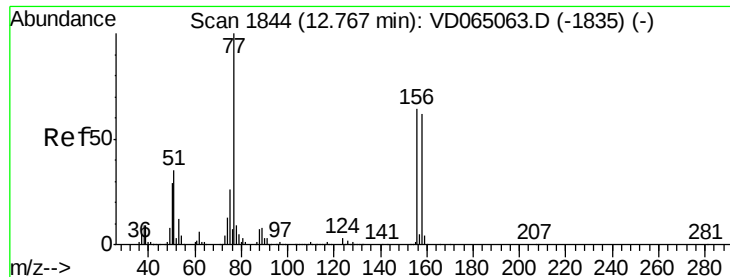
75 100

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: 53.763 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

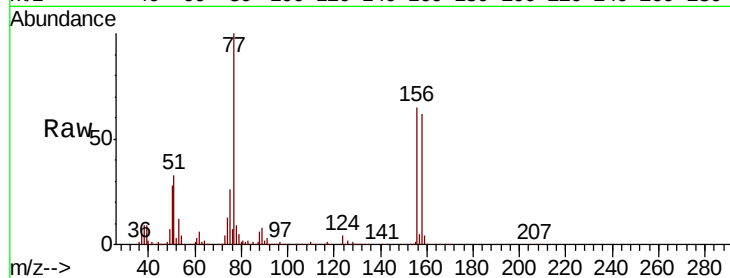
Tot Ion:156 Resp: 264820

Ion Ratio Lower Upper

156 100

77 170.4 85.6 256.8

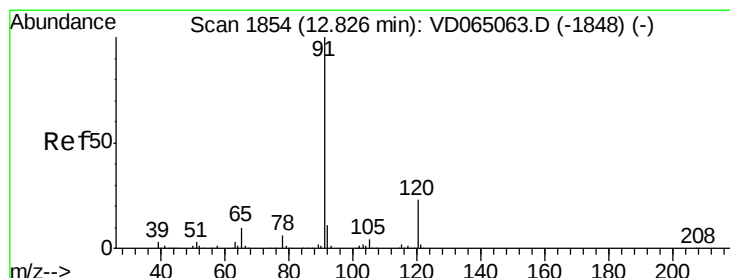
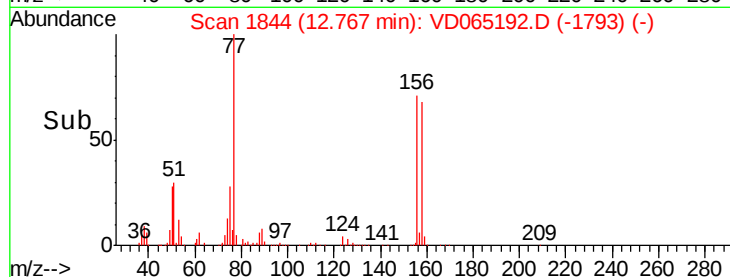
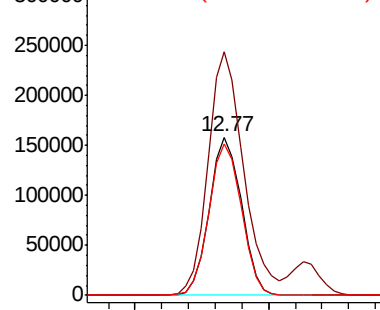
158 96.6 47.4 142.2



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: 55.875 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065192.D

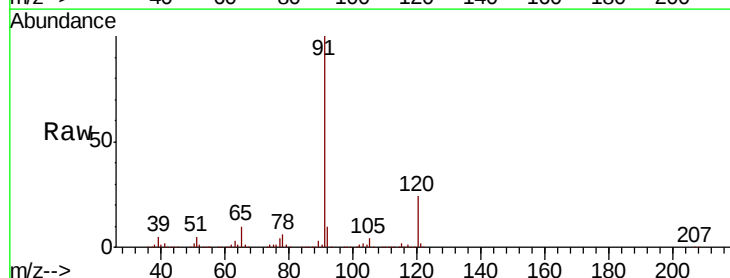
Acq: 17 Feb 2020 10:26

Tgt Ion: 91 Resp: 1337769

Ion Ratio Lower Upper

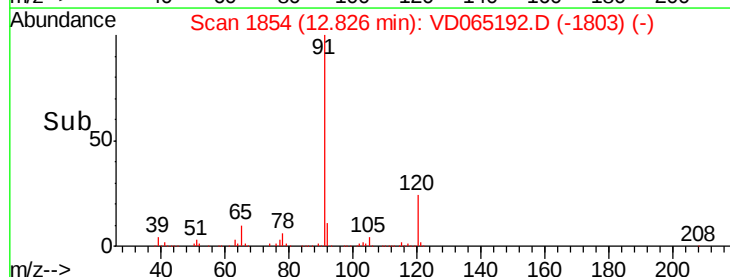
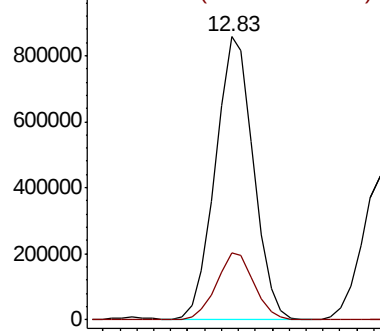
91 100

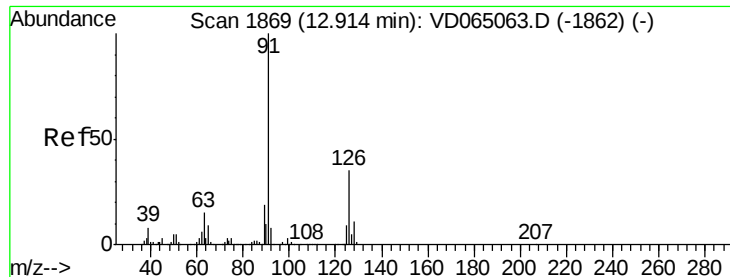
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

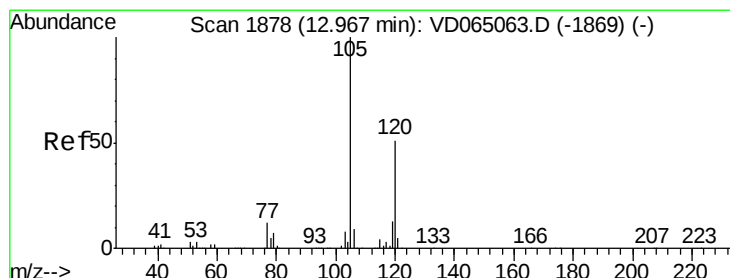
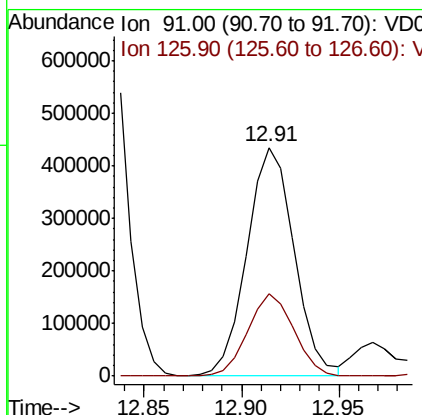
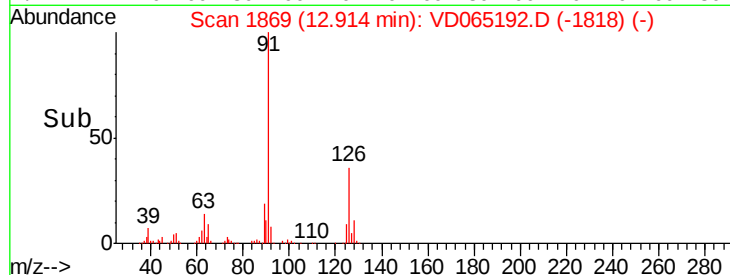
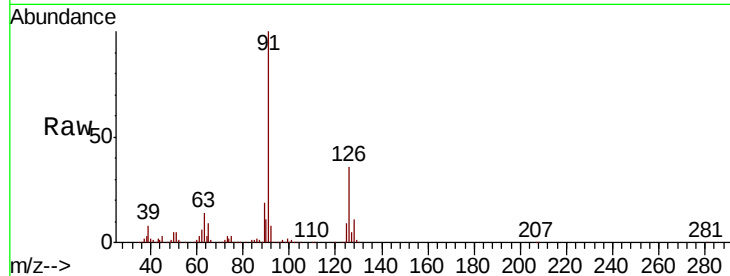




#79
 2-Chlorotoluene
 Concen: 54.427 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

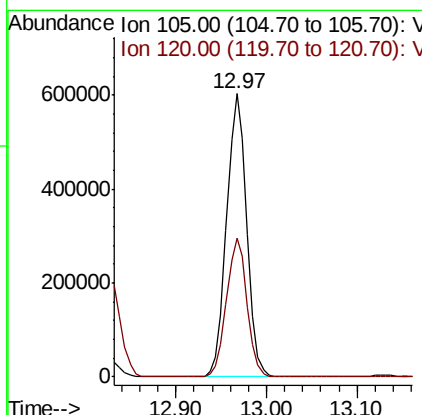
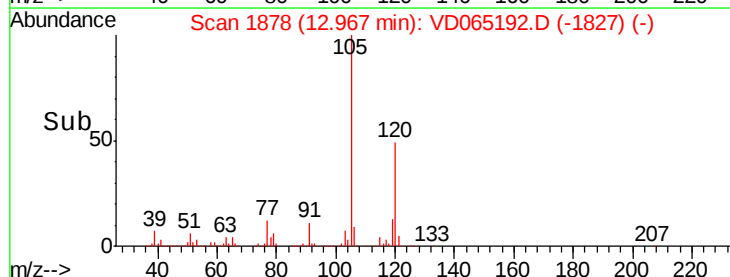
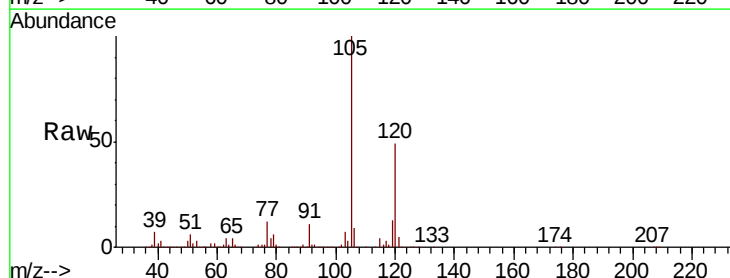
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

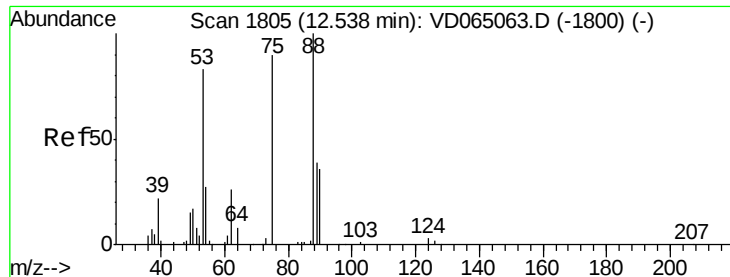
Tot Ion: 91 Resp: 726358
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.228 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion: 105 Resp: 923725
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.114 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

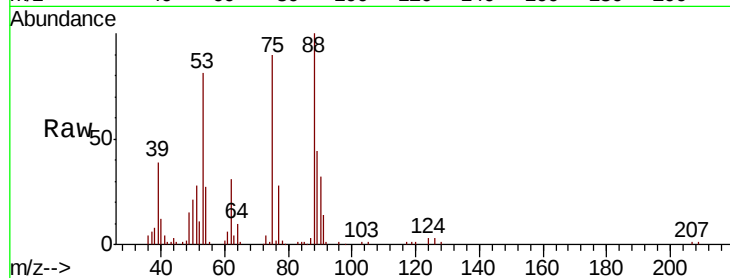
Tot Ion: 75 Resp: 59892

Ion Ratio Lower Upper

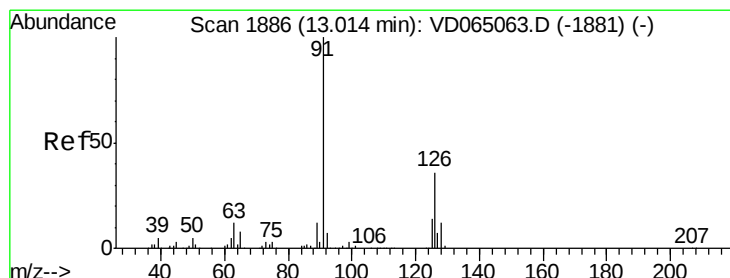
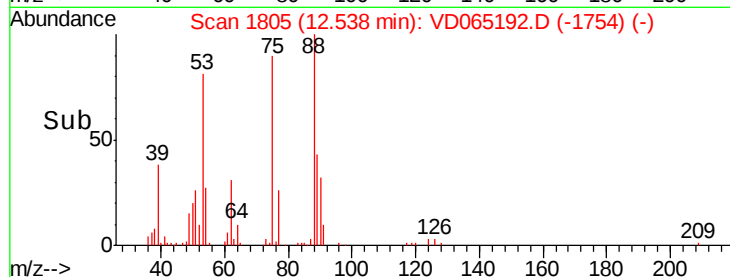
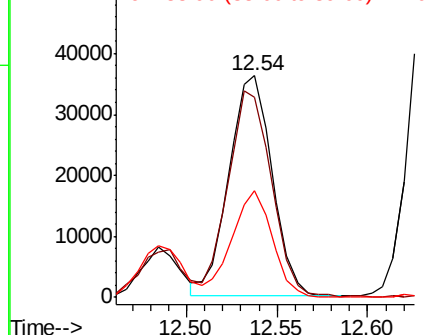
75 100

53 94.0 78.5 117.7

89 45.3 37.0 55.4



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: 54.249 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065192.D

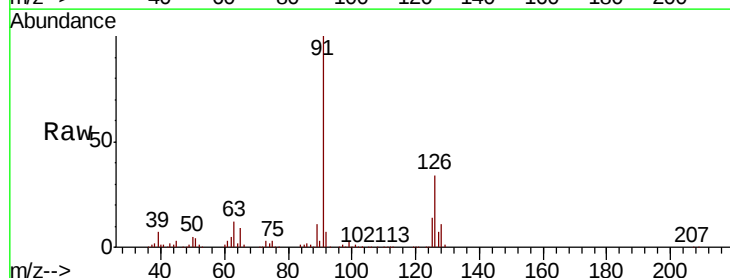
Acq: 17 Feb 2020 10:26

Tgt Ion: 91 Resp: 760360

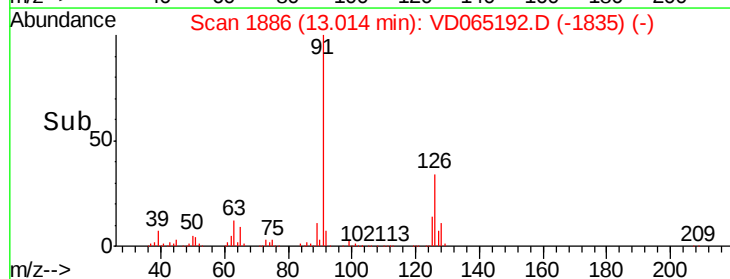
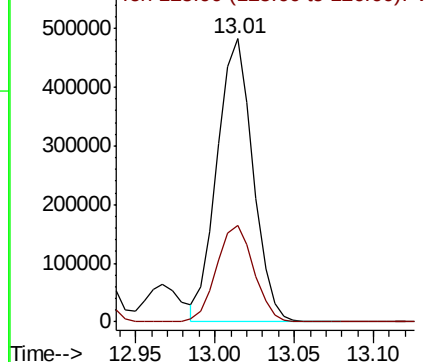
Ion Ratio Lower Upper

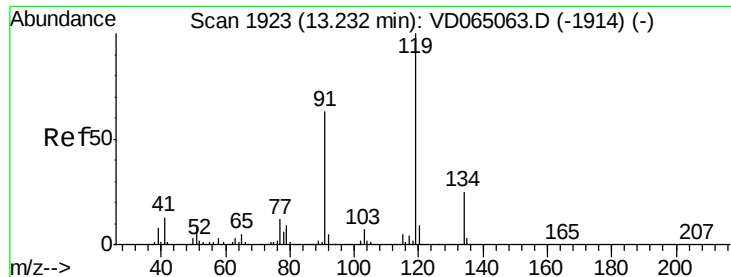
91 100

126 35.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

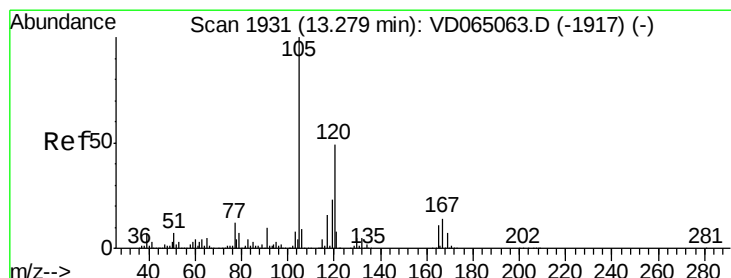
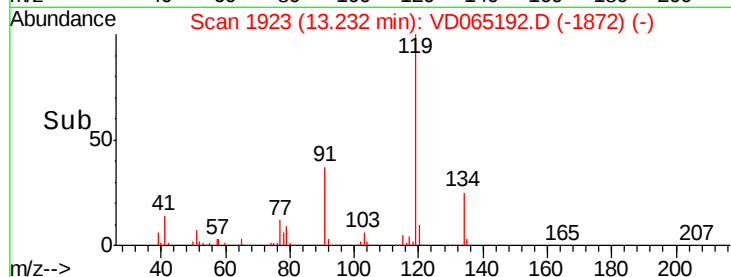
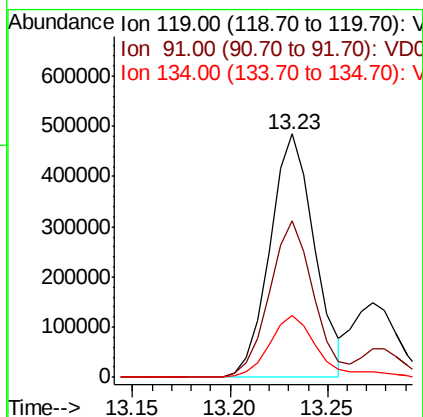
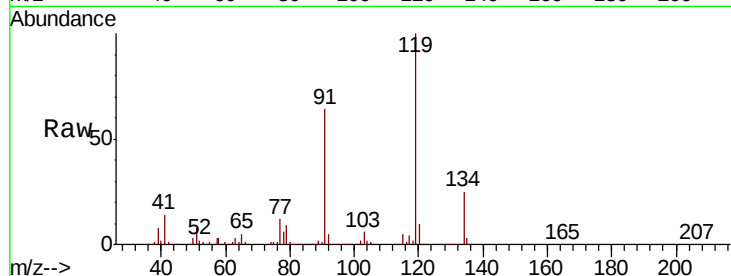




#83
tert-Butylbenzene
Concen: 53.183 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

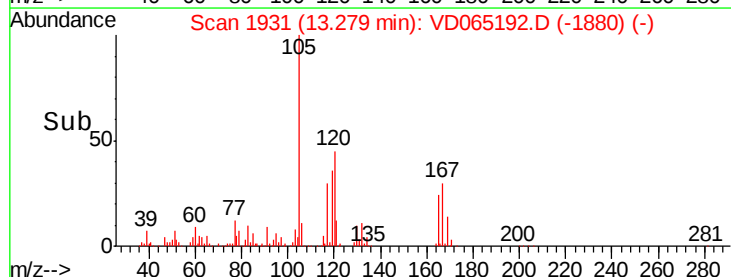
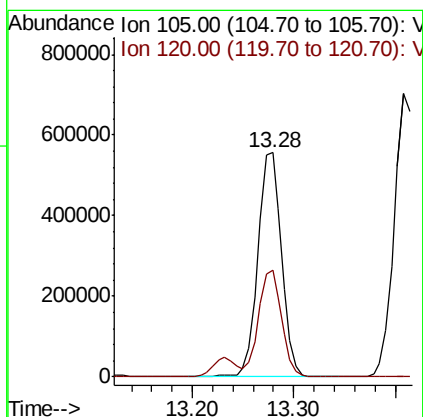
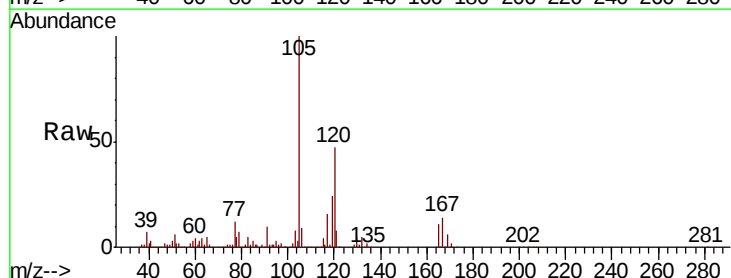
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

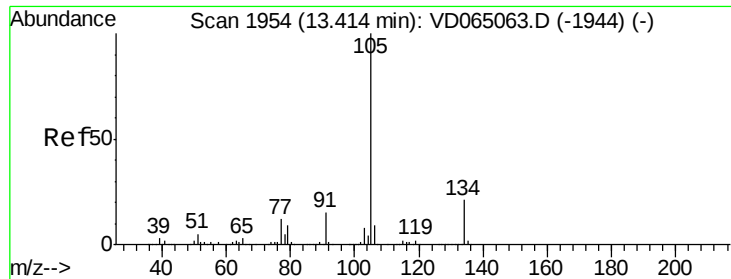
Tot Ion:119 Resp: 767411
Ion Ratio Lower Upper
119 100
91 64.0 32.3 96.9
134 27.7 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 54.535 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion:105 Resp: 905548
Ion Ratio Lower Upper
105 100
120 46.4 23.5 70.5





#85

sec-Butylbenzene

Concen: 55.952 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.01 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

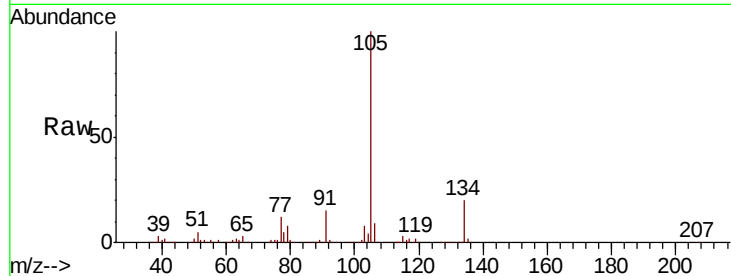
VSTDCCC050

Tot Ion:105 Resp: 1102713

Ion Ratio Lower Upper

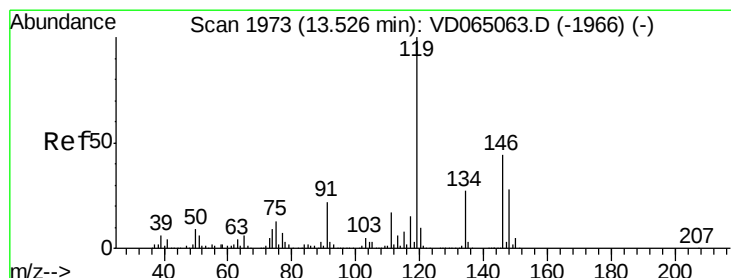
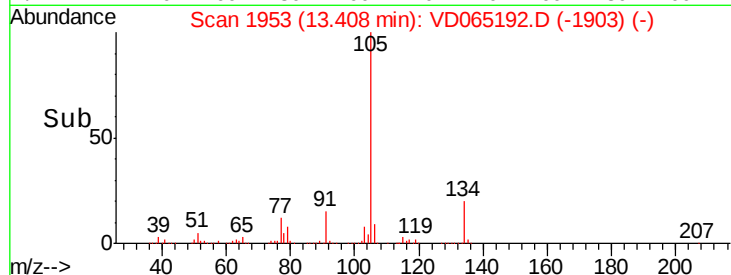
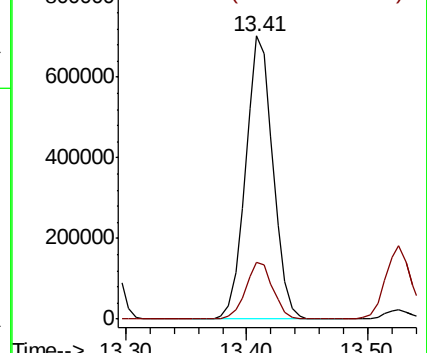
105 100

134 20.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.700 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

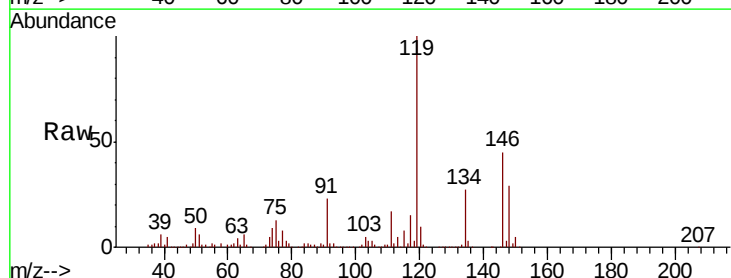
Tgt Ion:119 Resp: 1019928

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.5

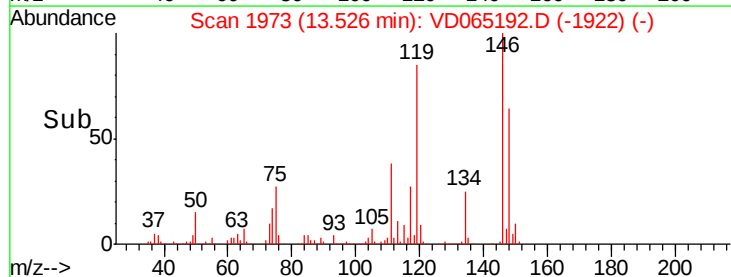
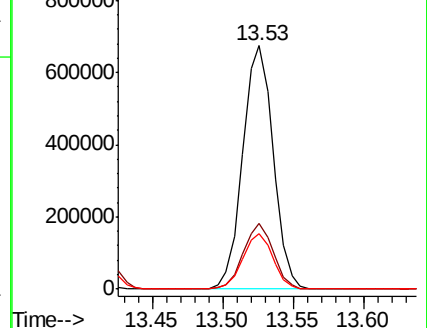
91 22.3 11.3 33.9

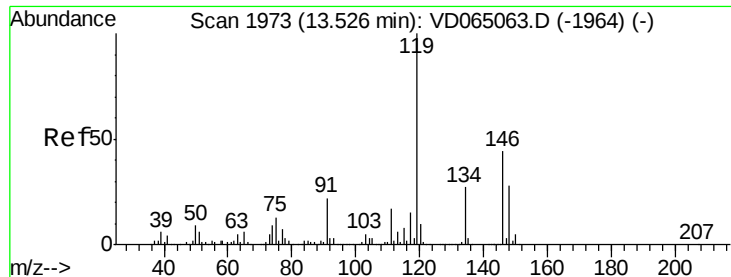


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

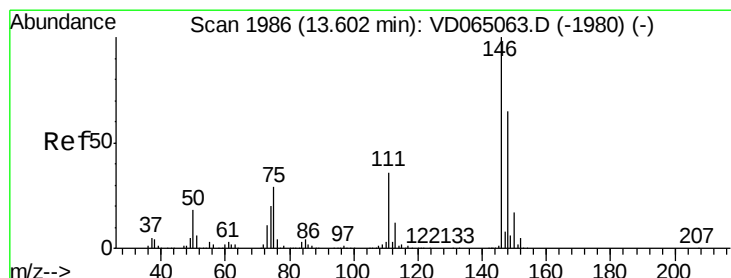
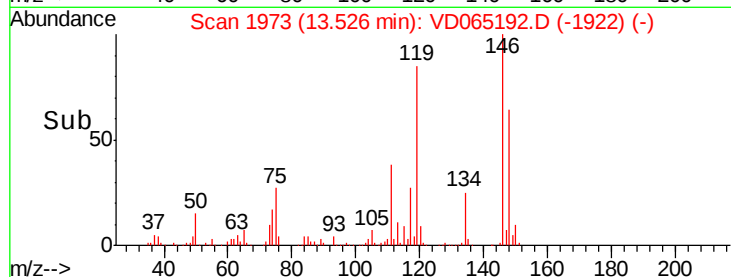
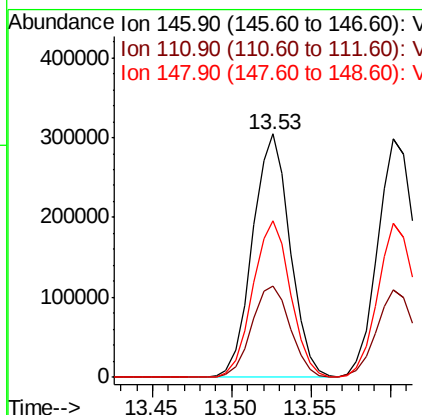
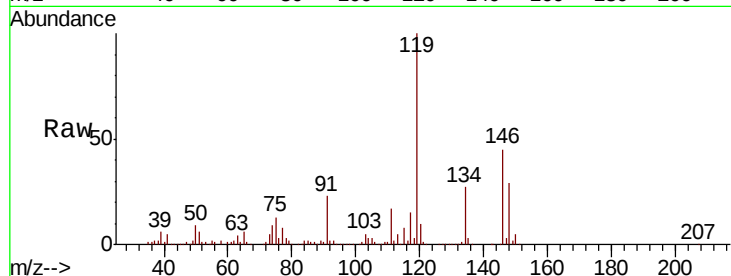




#87
 1,3-Dichlorobenzene
 Concen: 54.372 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

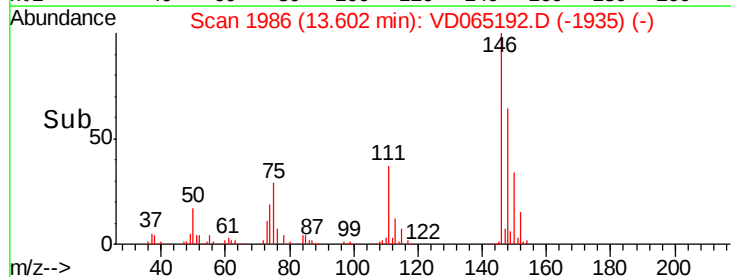
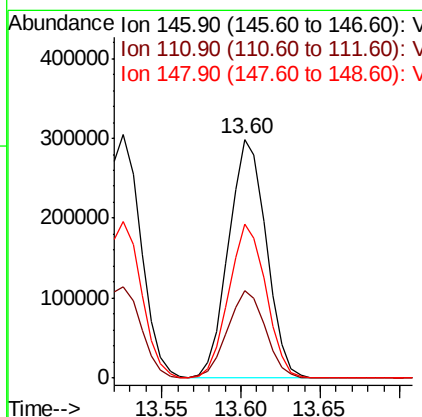
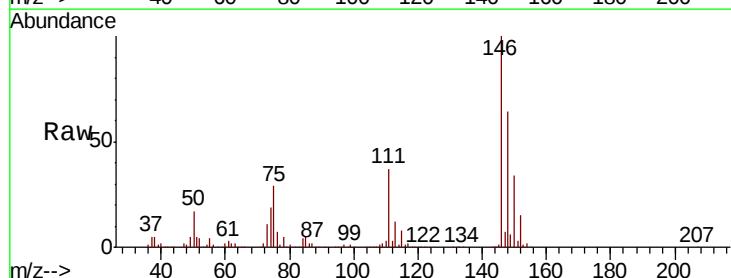
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

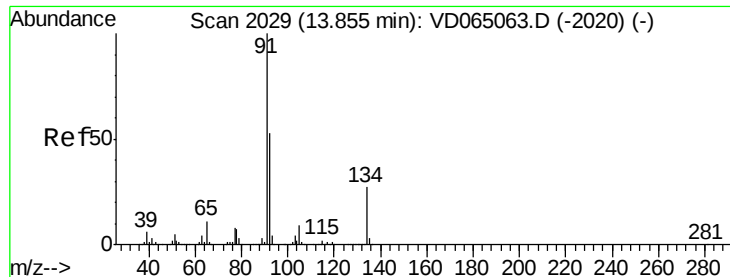
Tot Ion:146 Resp: 501445
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.4
 148 64.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 53.683 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion:146 Resp: 492757
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.5 55.5
 148 63.9 32.7 98.1





#89

n-Butylbenzene

Concen: 55.660 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD065192.D

Acq: 17 Feb 2020 10:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

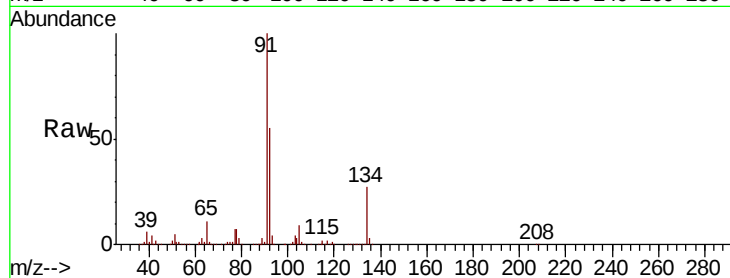
Tot Ion: 91 Resp: 940724

Ion Ratio Lower Upper

91 100

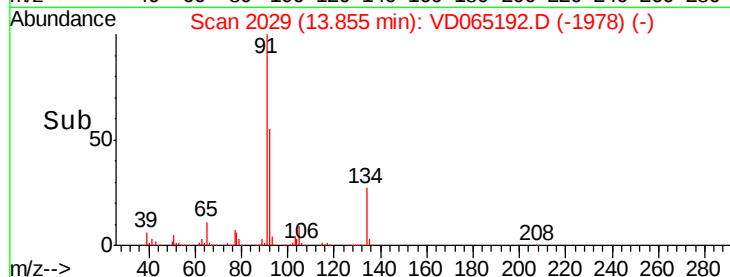
92 54.1 26.7 80.1

134 26.9 13.4 40.2

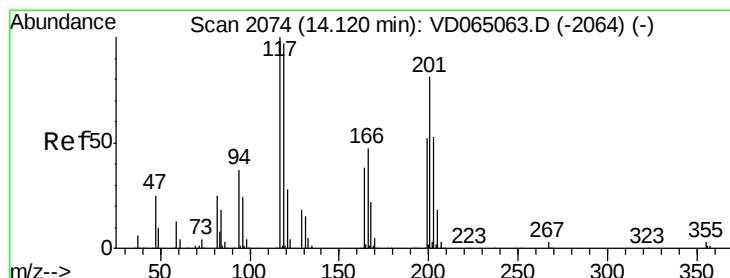


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V

13.86



Time-->



#90

Hexachloroethane

Concen: 56.440 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065192.D

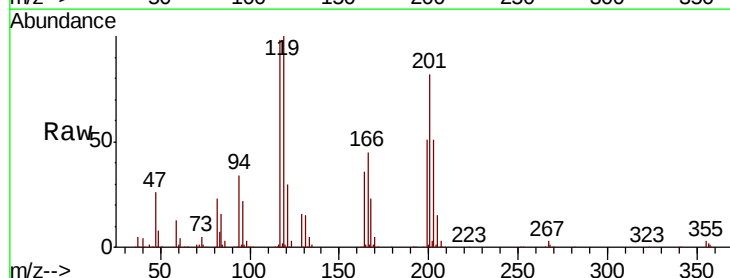
Acq: 17 Feb 2020 10:26

Tgt Ion: 117 Resp: 195699

Ion Ratio Lower Upper

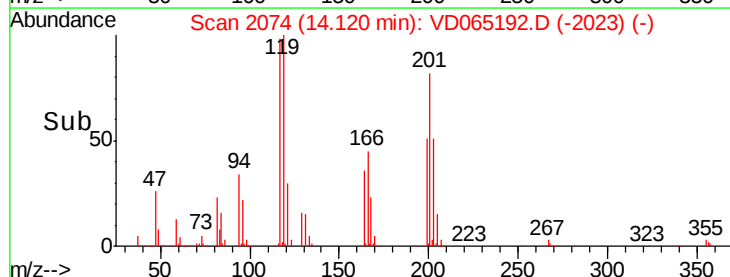
117 100

201 82.2 42.5 127.6

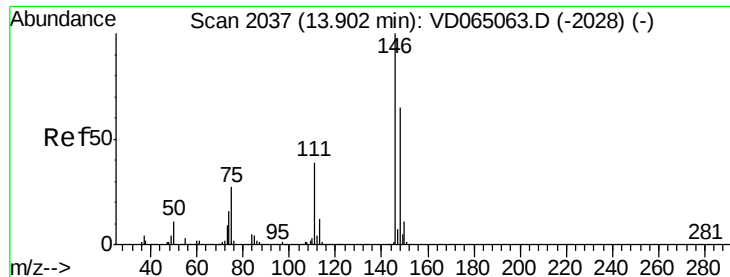


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

14.12



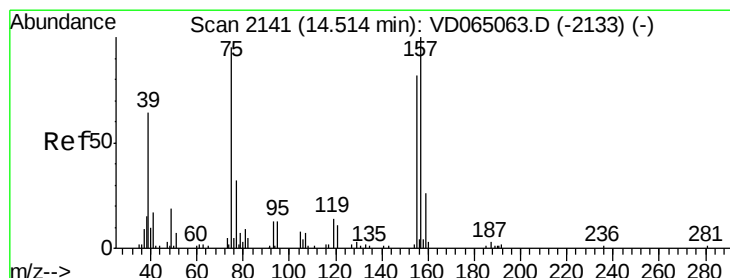
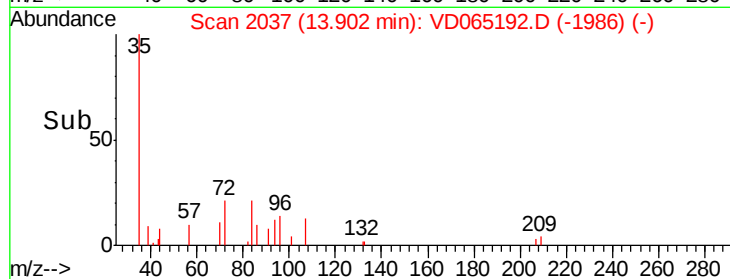
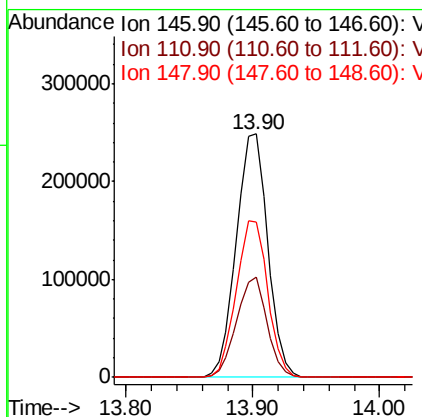
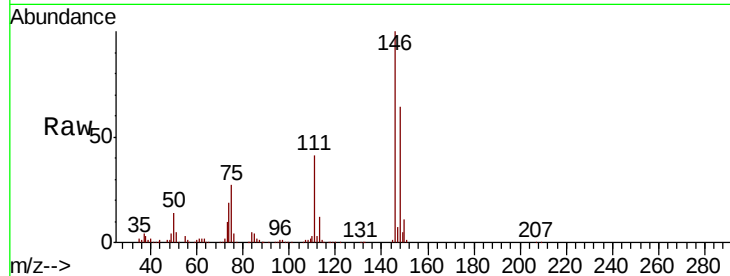
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 54.184 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

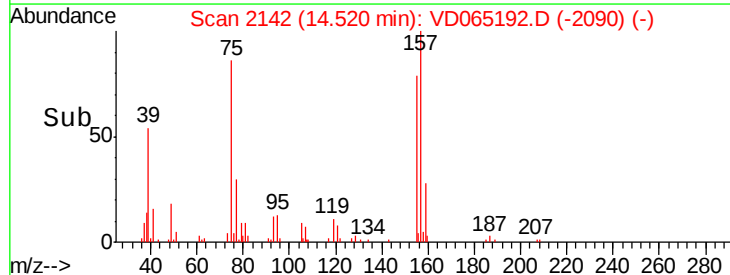
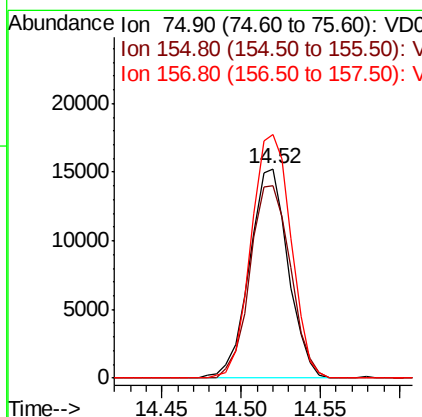
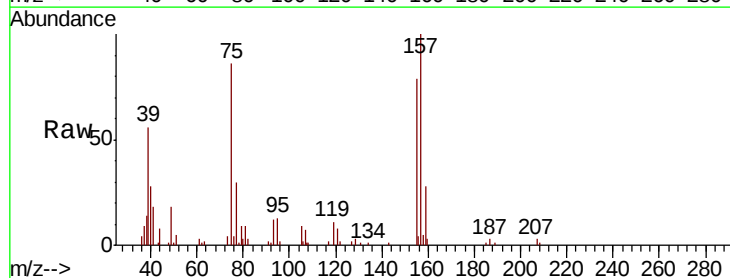
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

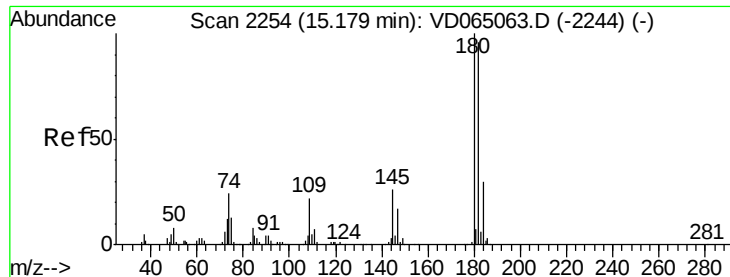
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.452 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	43.4	130.1
157	119.4	55.8	167.3

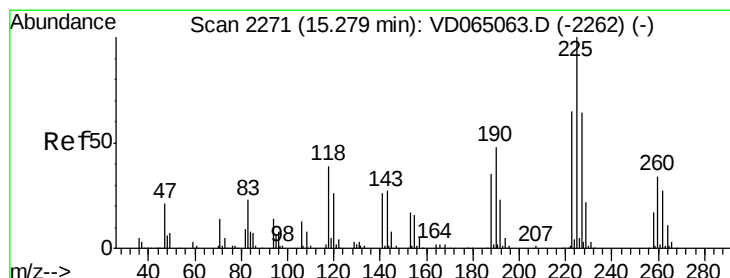
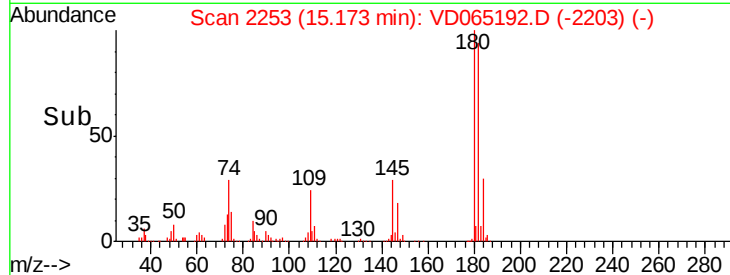
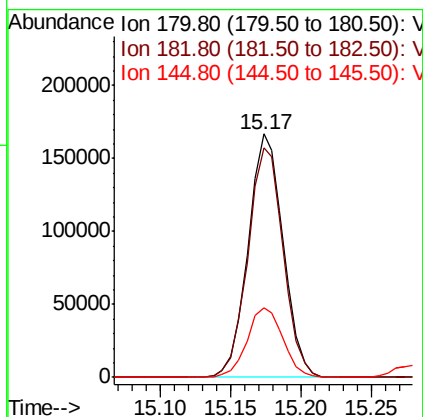
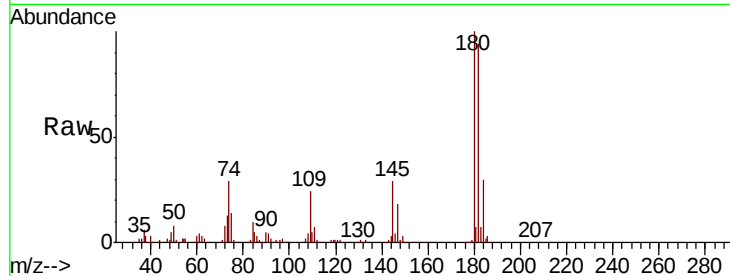




#93
 1,2,4-Trichlorobenzene
 Concen: 51.317 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

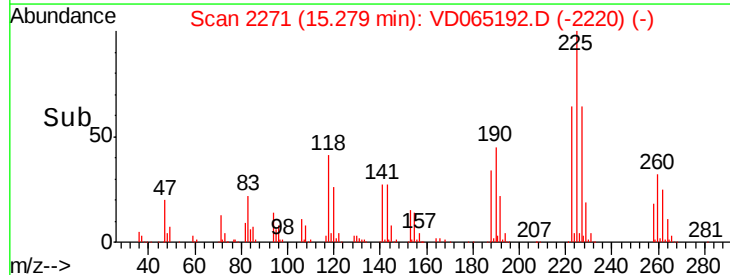
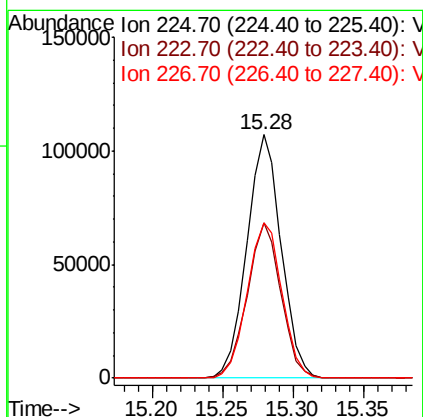
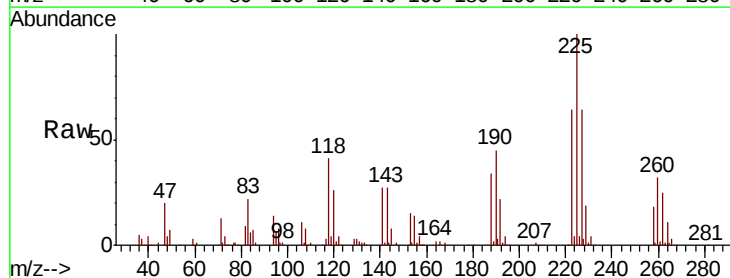
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

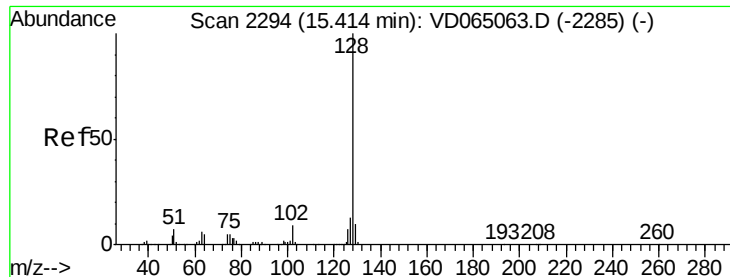
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	29.2	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 52.552 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065192.D
 Acq: 17 Feb 2020 10:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.0
227	64.8	31.8	95.3

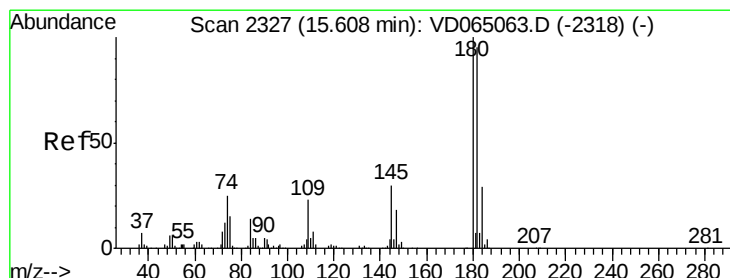
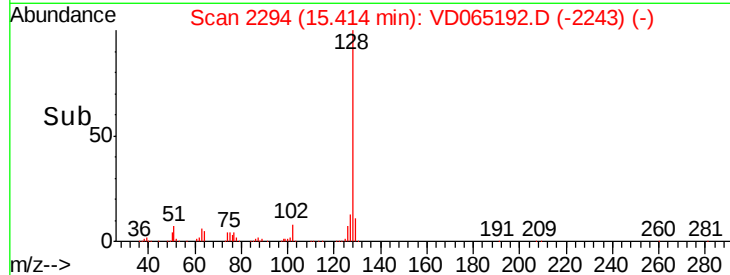
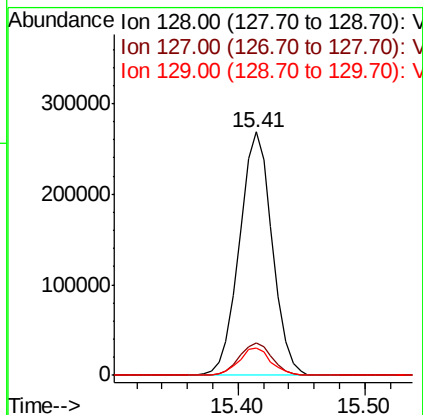
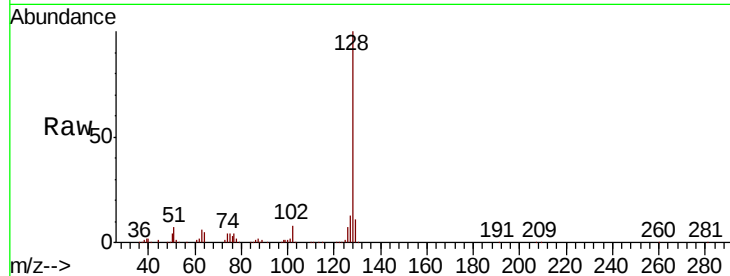




#95
Naphthalene
Concen: 51.102 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 479546
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.766 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065192.D
Acq: 17 Feb 2020 10:26

Tgt Ion:180 Resp: 249998
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.4
145 29.6 14.9 44.9

