

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065923.D
 Acq On : 07 Jul 2020 15:01
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 08 09:22:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:18:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	432514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	649404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	595714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	294553	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189145	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	7.91	113	202247	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.34	98	743034	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.64	95	262758	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	174342	45.342	ug/l 100
3) Chloromethane	2.20	50	170916	44.840	ug/l 100
4) Vinyl Chloride	2.35	62	164609	47.033	ug/l 100
5) Bromomethane	2.77	94	104264	47.030	ug/l 100
6) Chloroethane	2.93	64	100313	47.948	ug/l 100
7) Trichlorofluoromethane	3.27	101	355940	47.452	ug/l 100
8) Diethyl Ether	3.71	74	98088	47.665	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	218053	48.599	ug/l 100
10) Methyl Iodide	4.30	142	228062	53.521	ug/l 100
11) Tert butyl alcohol	5.22	59	57948	213.410	ug/l 100
12) 1,1-Dichloroethene	4.07	96	201647	48.107	ug/l 100
13) Acrolein	3.92	56	45176	199.763	ug/l 100
14) Allyl chloride	4.72	41	351682	49.509	ug/l 100
15) Acrylonitrile	5.42	53	221903	246.286	ug/l 100
16) Acetone	4.16	43	208815	232.453	ug/l 100
17) Carbon Disulfide	4.41	76	638153	47.781	ug/l 100
18) Methyl Acetate	4.72	43	97259	46.188	ug/l 100
19) Methyl tert-butyl Ether	5.48	73	439917	49.572	ug/l 100
20) Methylene Chloride	4.97	84	255860	40.095	ug/l 100
21) trans-1,2-Dichloroethene	5.47	96	233633	49.540	ug/l 100
22) Diisopropyl ether	6.36	45	676445	50.673	ug/l 100
23) Vinyl Acetate	6.30	43	1936696	254.170	ug/l 100
24) 1,1-Dichloroethane	6.26	63	391989	49.245	ug/l 100
25) 2-Butanone	7.21	43	288440	242.993	ug/l 100
26) 2,2-Dichloropropane	7.21	77	339668	48.778	ug/l 100
27) cis-1,2-Dichloroethene	7.21	96	251557	49.644	ug/l 100
28) Bromochloromethane	7.54	49	140720	46.797	ug/l 100
29) Tetrahydrofuran	7.56	42	183097	242.574	ug/l 100
30) Chloroform	7.71	83	394673	48.908	ug/l 100
31) Cyclohexane	7.98	56	367871	46.971	ug/l 100
32) 1,1,1-Trichloroethane	7.91	97	361994	49.155	ug/l 100
36) 1,1-Dichloropropene	8.11	75	311127	48.509	ug/l 100
37) Ethyl Acetate	7.29	43	122036	45.411	ug/l 100
38) Carbon Tetrachloride	8.10	117	332875	48.421	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	393630	49.989	ug/l	100
40) Benzene	8.35	78	888618	50.151	ug/l	100
41) Methacrylonitrile	7.53	41	78522	49.159	ug/l	100
42) 1,2-Dichloroethane	8.43	62	249417	49.688	ug/l	100
43) Isopropyl Acetate	8.45	43	249363	49.851	ug/l	100
44) Trichloroethene	9.11	130	255220	49.023	ug/l	100
45) 1,2-Dichloropropane	9.39	63	219816	49.983	ug/l	100
46) Dibromomethane	9.47	93	113024	49.364	ug/l	100
47) Bromodichloromethane	9.67	83	305954	49.816	ug/l	100
48) Methyl methacrylate	9.46	41	127941	50.806	ug/l	100
49) 1,4-Dioxane	9.47	88	26755	983.460	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	616656	243.839	ug/l	100
52) Toluene	10.40	92	574344	50.950	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	291857	50.539	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	348859	49.994	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	155091	49.163	ug/l	100
56) Ethyl methacrylate	10.66	69	197639	51.295	ug/l	100
57) 1,3-Dichloropropane	10.95	76	272851	49.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	453414	242.986	ug/l	100
59) 2-Hexanone	10.98	43	430251	247.377	ug/l	100
60) Dibromochloromethane	11.14	129	212156	49.224	ug/l	100
61) 1,2-Dibromoethane	11.25	107	153767	48.889	ug/l	100
64) Tetrachloroethene	10.88	164	213284	49.232	ug/l	100
65) Chlorobenzene	11.67	112	603571	50.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	225377	50.194	ug/l	100
67) Ethyl Benzene	11.75	91	1084955	50.873	ug/l	100
68) m/p-Xylenes	11.86	106	832239	102.712	ug/l	100
69) o-Xylene	12.18	106	380815	51.594	ug/l	100
70) Styrene	12.20	104	663939	52.108	ug/l	100
71) Bromoform	12.36	173	124084	48.838	ug/l #	100
73) Isopropylbenzene	12.48	105	1054745	51.308	ug/l	100
74) N-amyl acetate	12.29	43	227614	49.343	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	166634	48.825	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	220435	89.578	ug/l #	100
77) Bromobenzene	12.76	156	249780	50.097	ug/l	100
78) n-propylbenzene	12.83	91	1231306	51.089	ug/l	100
79) 2-Chlorotoluene	12.91	91	685101	50.107	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	859020	51.089	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	57152	49.700	ug/l	100
82) 4-Chlorotoluene	13.01	91	717762	50.035	ug/l	100
83) tert-Butylbenzene	13.23	119	736800	51.434	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	849674	50.765	ug/l	100
85) sec-Butylbenzene	13.40	105	1038001	51.129	ug/l	100
86) p-Isopropyltoluene	13.52	119	959976	51.698	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	465858	49.932	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	465655	50.028	ug/l	100
89) n-Butylbenzene	13.84	91	894646	51.306	ug/l	100
90) Hexachloroethane	14.11	117	189406	50.582	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	406979	49.909	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27892	48.875	ug/l	100

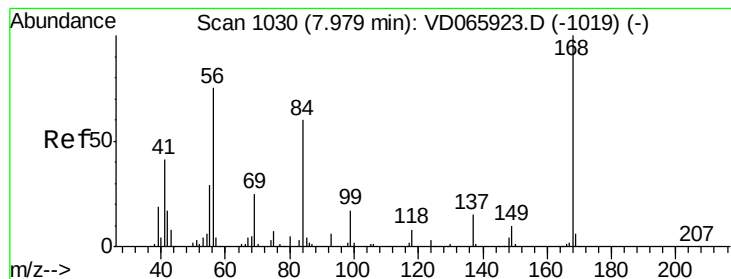
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
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QLast Update : Wed Jul 08 09:18:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	291370	50.135	ug/l	100
94) Hexachlorobutadiene	15.27	225	180035	51.212	ug/l	100
95) Naphthalene	15.40	128	487958	50.062	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	249925	49.856	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

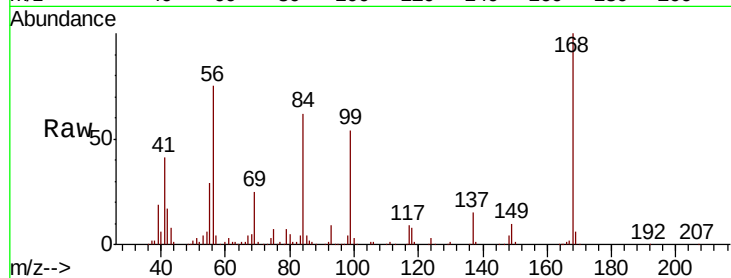
VSTDICCC050

Tot Ion:168 Resp: 432514

Ion Ratio Lower Upper

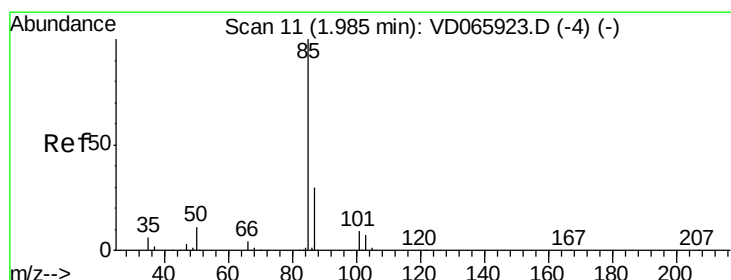
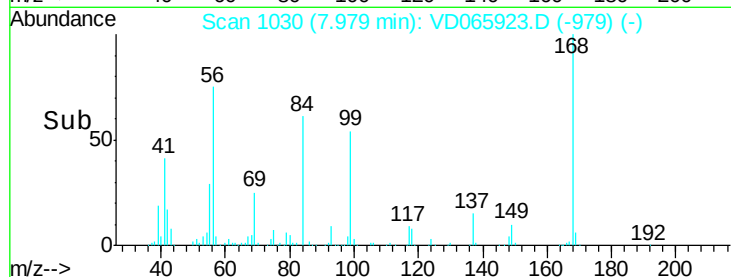
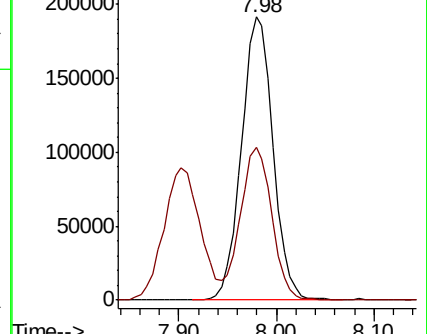
168 100

99 53.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 45.342 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065923.D

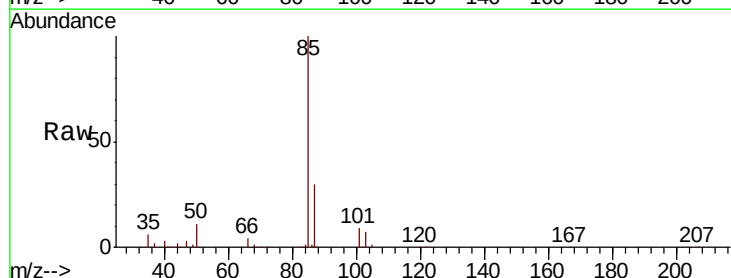
Acq: 07 Jul 2020 15:01

Tgt Ion: 85 Resp: 174342

Ion Ratio Lower Upper

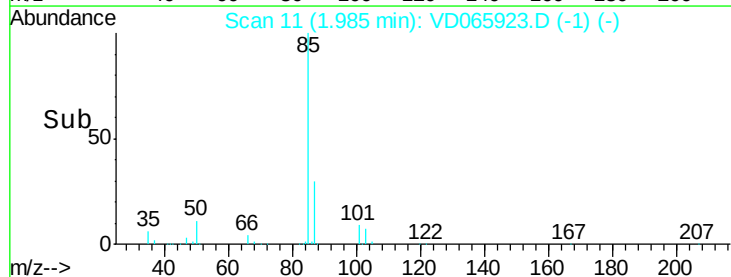
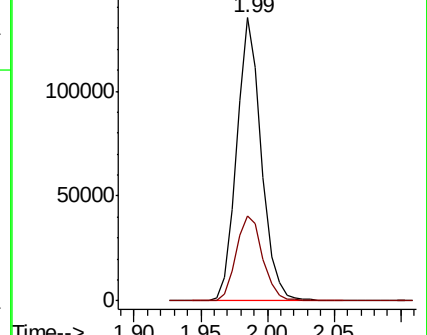
85 100

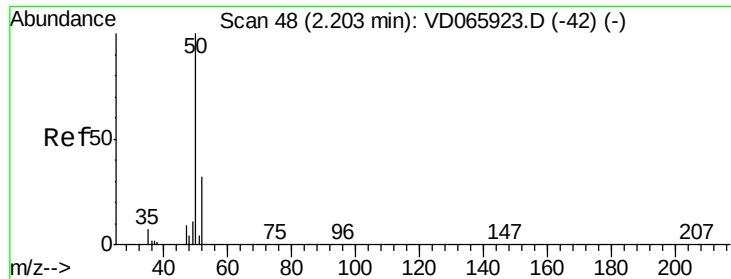
87 29.9 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.840 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

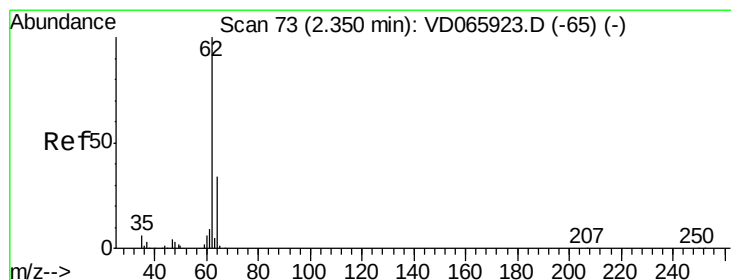
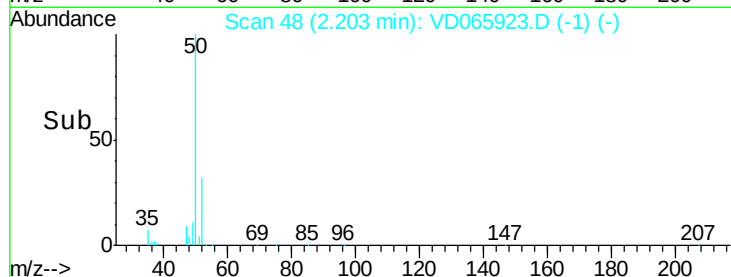
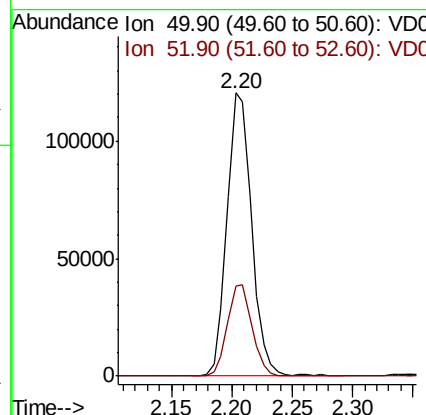
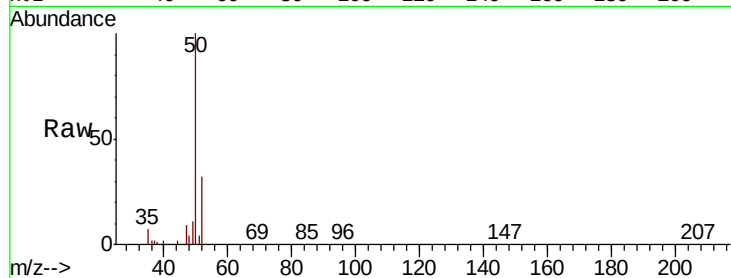
VSTDICCC050

Tot Ion: 50 Resp: 170916

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 47.033 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065923.D

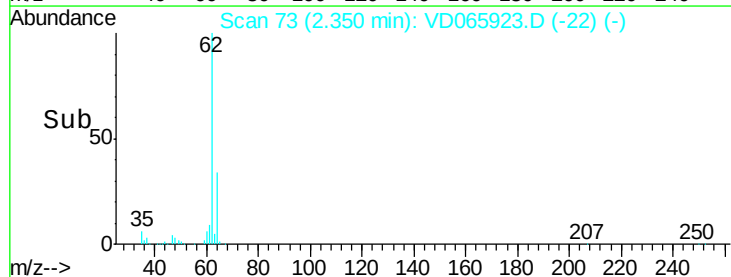
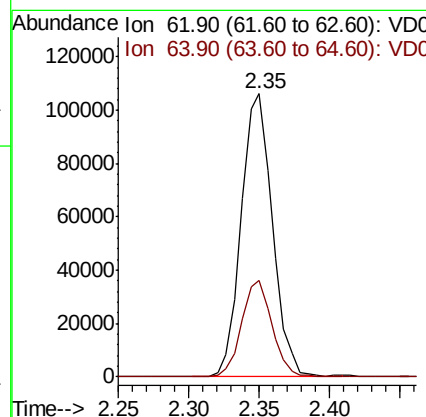
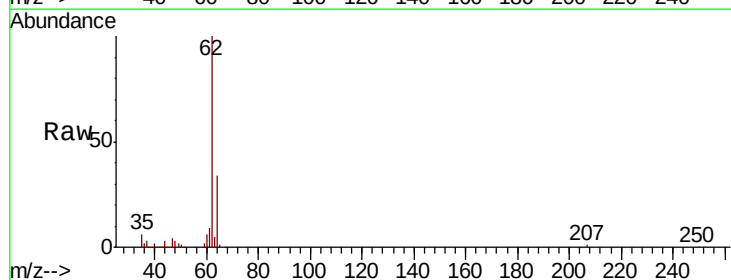
Acq: 07 Jul 2020 15:01

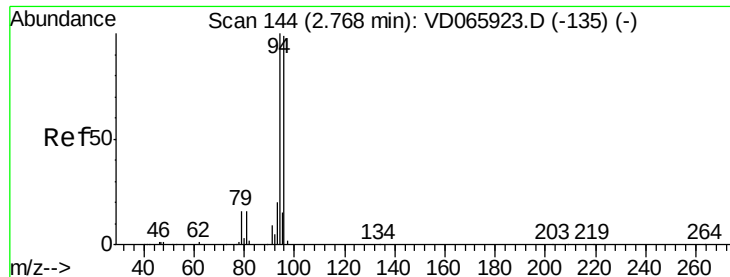
Tgt Ion: 62 Resp: 164609

Ion Ratio Lower Upper

62 100

64 34.0 27.2 40.8





#5

Bromomethane

Concen: 47.030 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

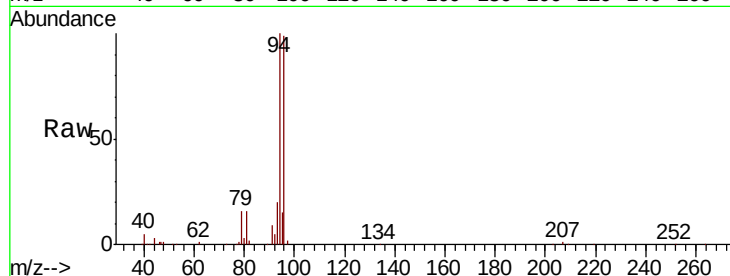
VSTDICCC050

Tot Ion: 94 Resp: 104264

Ion Ratio Lower Upper

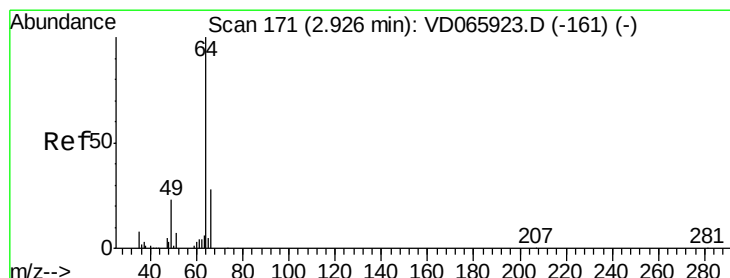
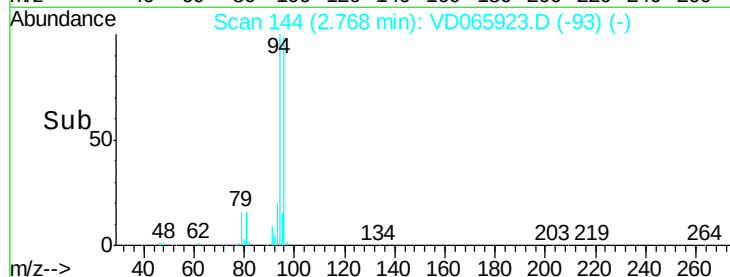
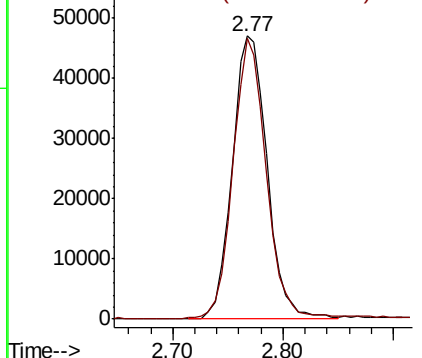
94 100

96 98.5 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.948 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065923.D

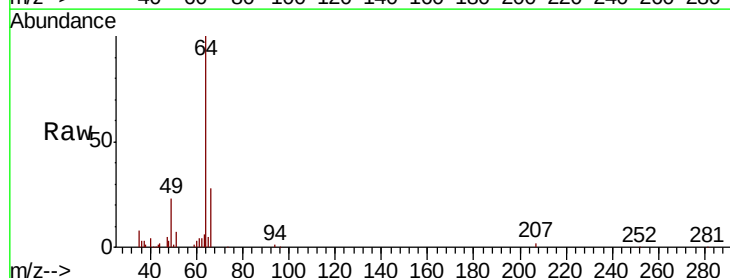
Acq: 07 Jul 2020 15:01

Tgt Ion: 64 Resp: 100313

Ion Ratio Lower Upper

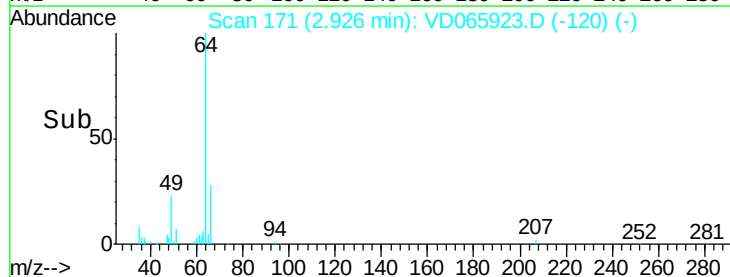
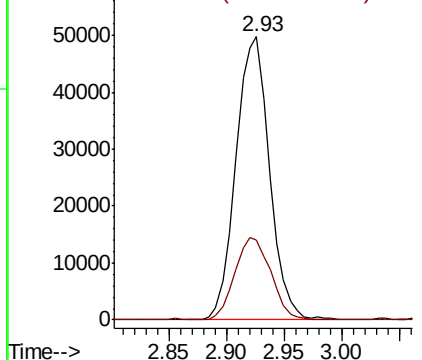
64 100

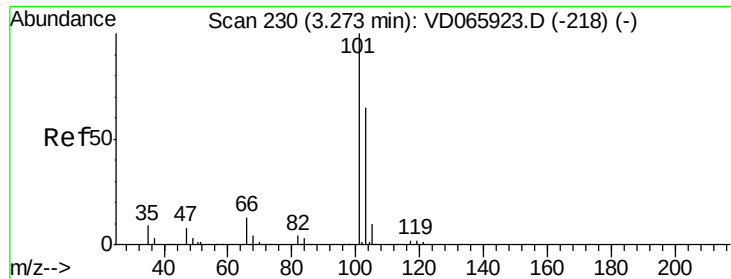
66 28.2 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



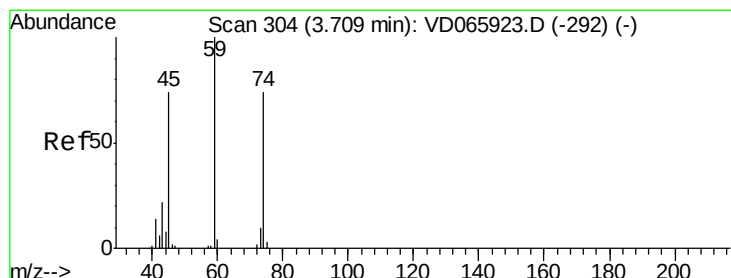
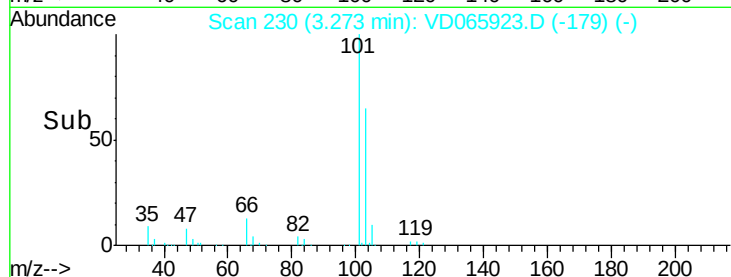
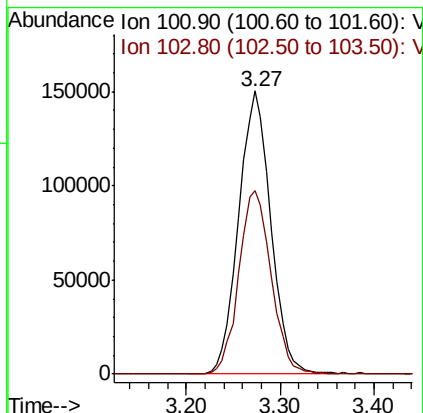
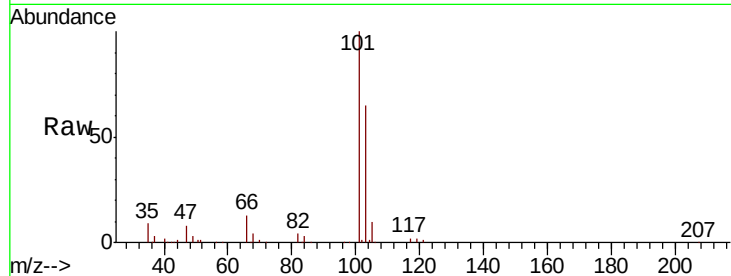


#7

Trichlorofluoromethane
 Concen: 47.452 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

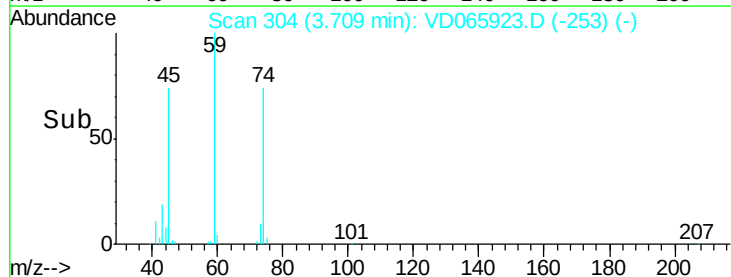
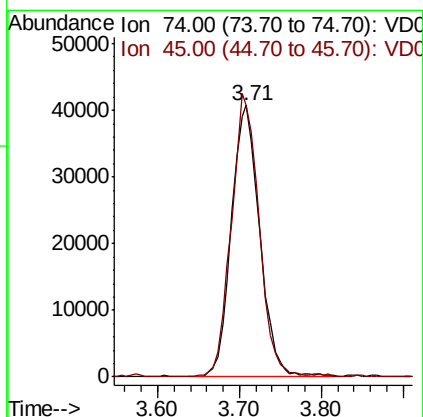
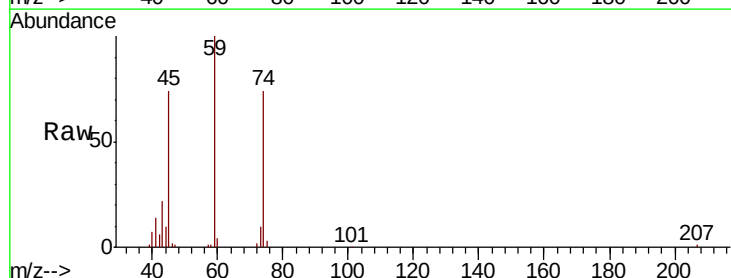
Tot Ion:101 Resp: 355940
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

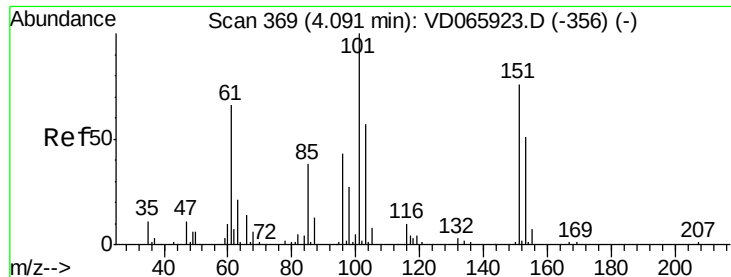


#8

Diethyl Ether
 Concen: 47.665 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion: 74 Resp: 98088
 Ion Ratio Lower Upper
 74 100
 45 102.2 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.599 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

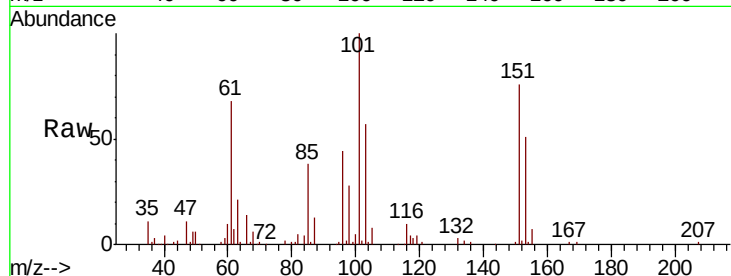
Tot Ion:101 Resp: 218053

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.8

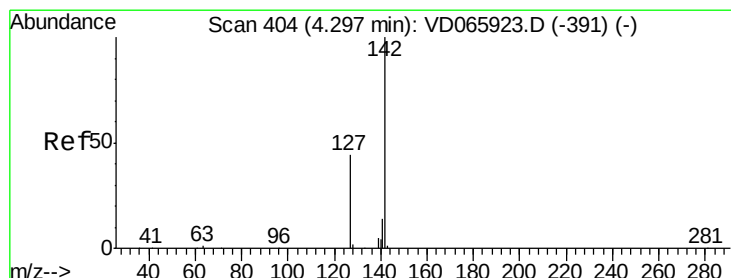
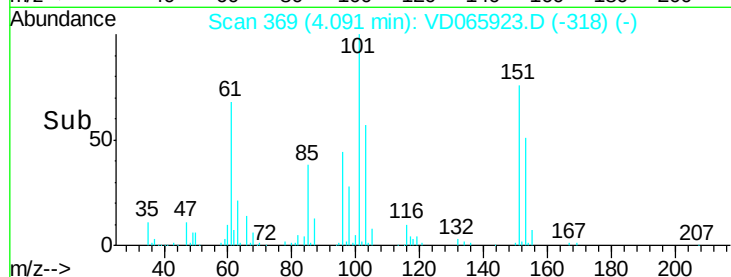
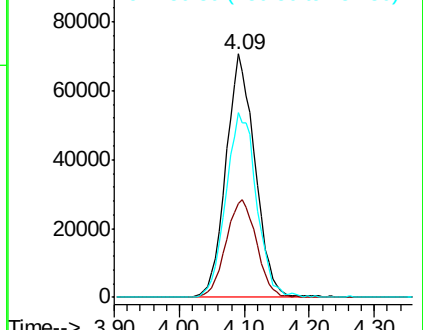
151 80.1 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.521 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

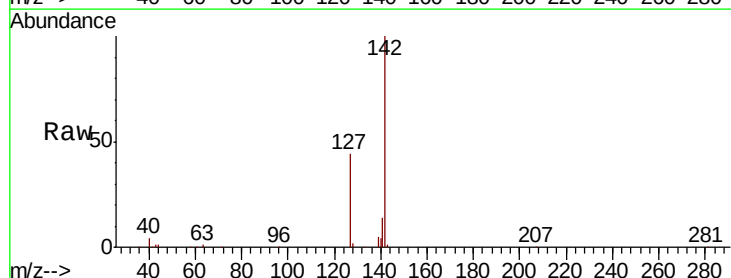
Tgt Ion:142 Resp: 228062

Ion Ratio Lower Upper

142 100

127 43.2 34.6 51.8

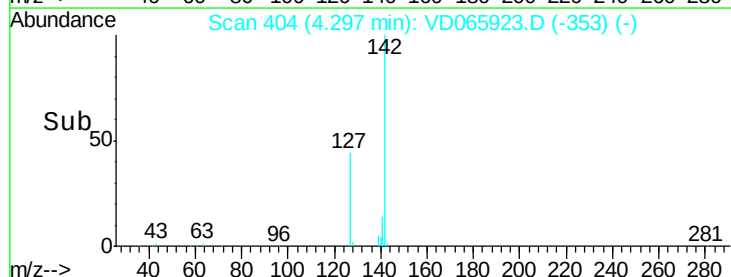
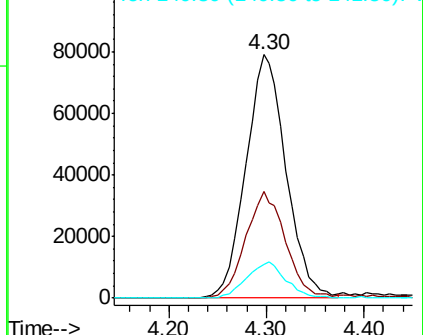
141 14.5 11.6 17.4

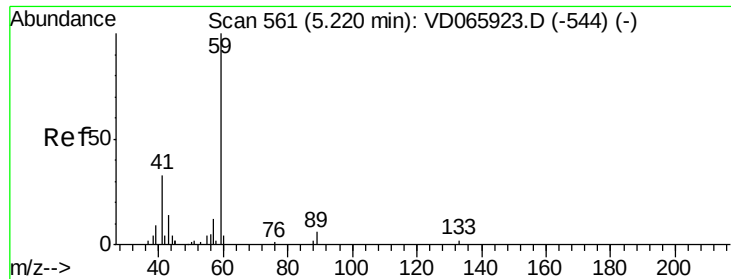


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



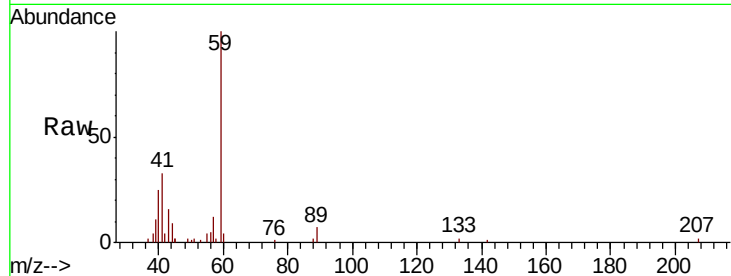


#11

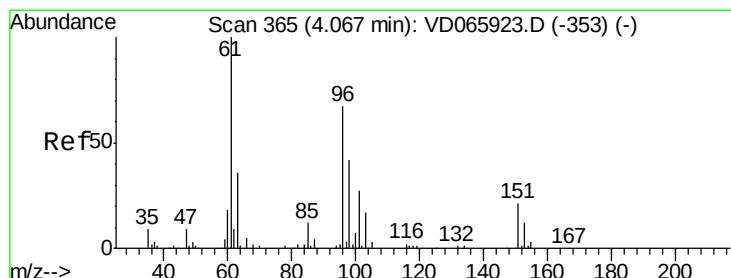
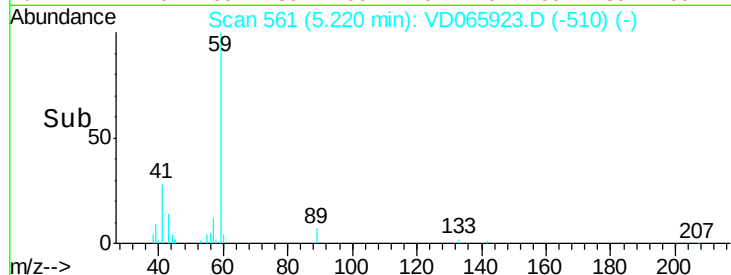
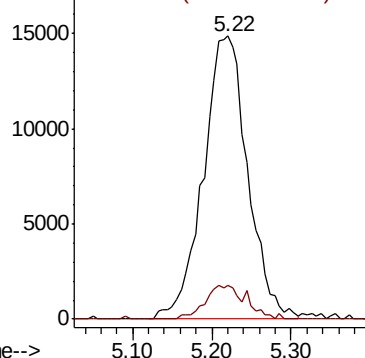
Tert butyl alcohol
 Concen: 213.410 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 59 Resp: 57948
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.7 13.1



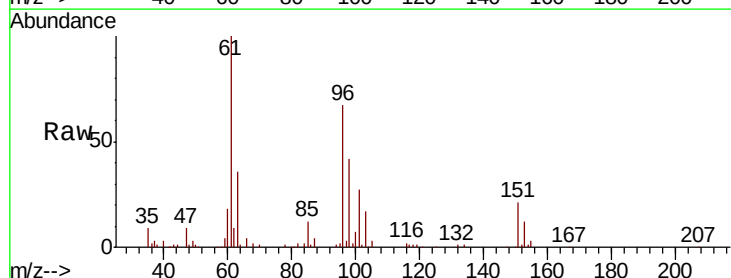
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



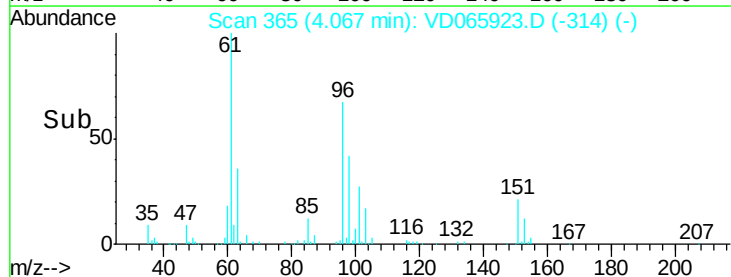
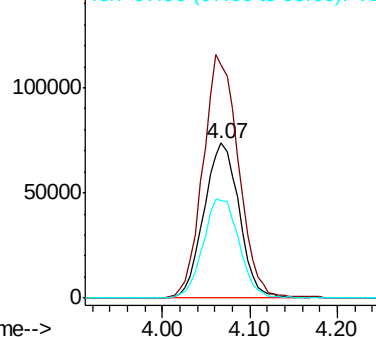
#12

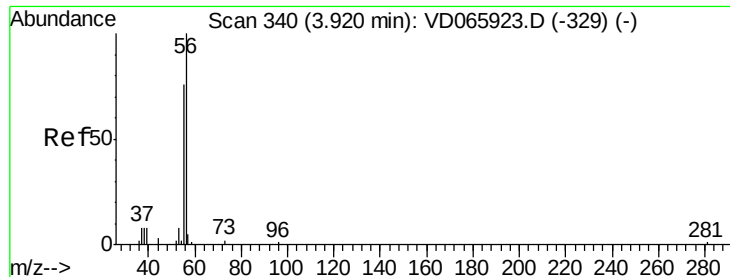
1,1-Dichloroethene
 Concen: 48.107 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion: 96 Resp: 201647
 Ion Ratio Lower Upper
 96 100
 61 150.2 120.2 180.2
 98 63.3 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 199.763 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

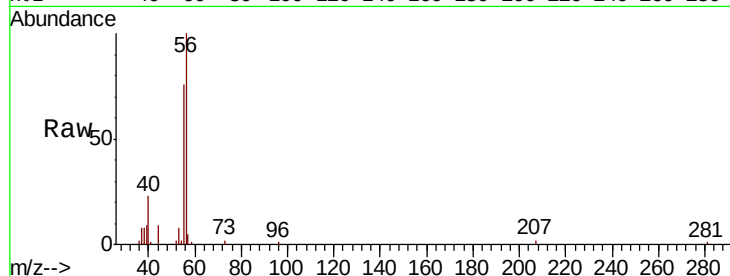
VSTDICCC050

Tot Ion: 56 Resp: 45176

Ion Ratio Lower Upper

56 100

55 68.8 55.0 82.6



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

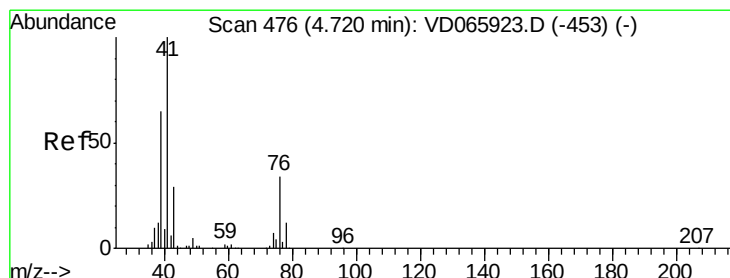
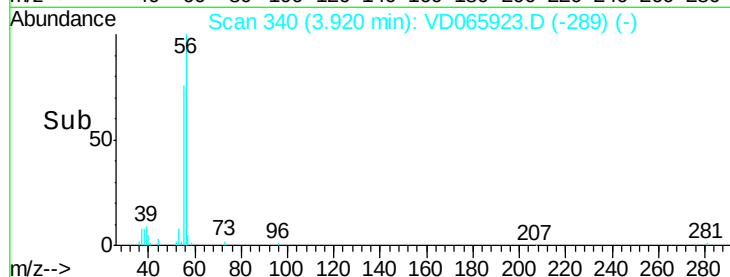
15000

10000

5000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 49.509 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

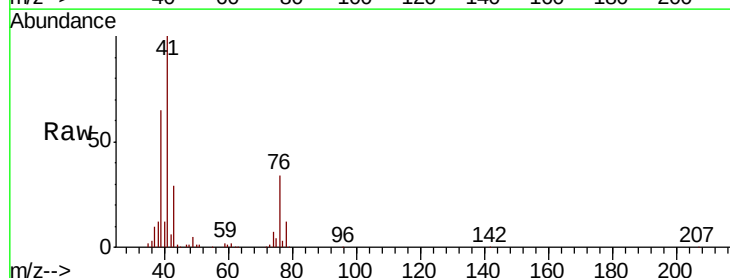
Tgt Ion: 41 Resp: 351682

Ion Ratio Lower Upper

41 100

39 65.3 52.2 78.4

76 35.1 28.1 42.1



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.72

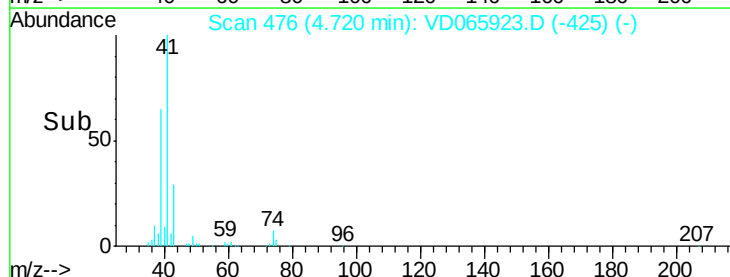
15000

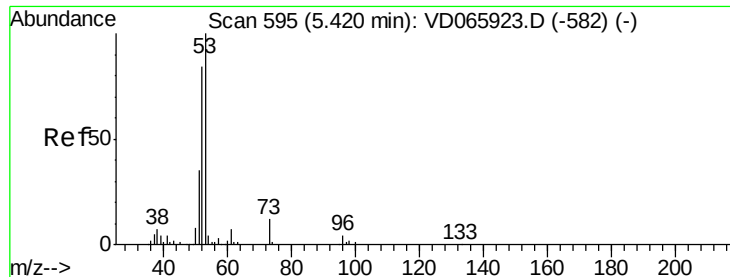
10000

5000

0

Time--> 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 246.286 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

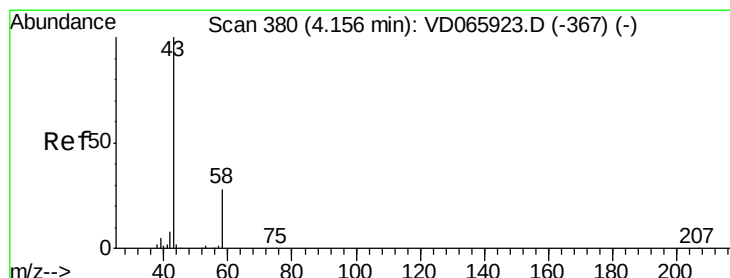
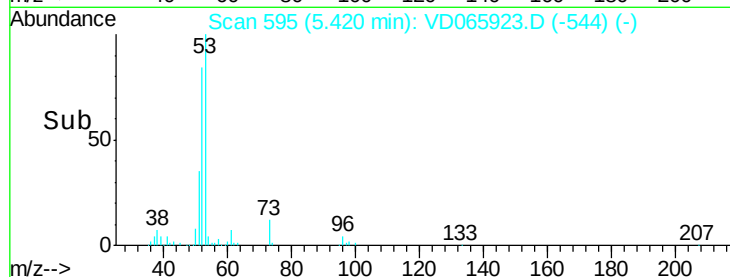
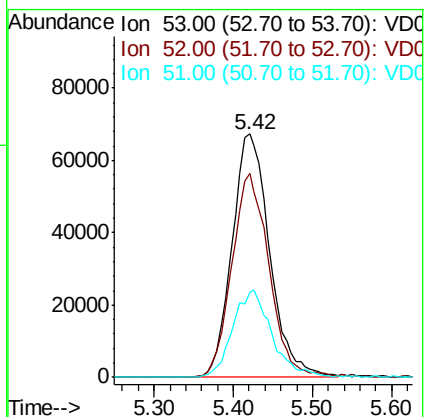
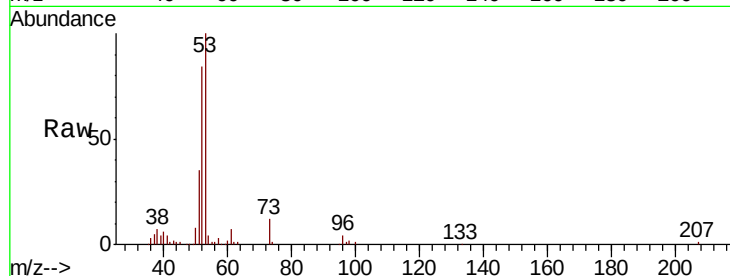
Tot Ion: 53 Resp: 221903

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 37.3 29.8 44.8



#16

Acetone

Concen: 232.453 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065923.D

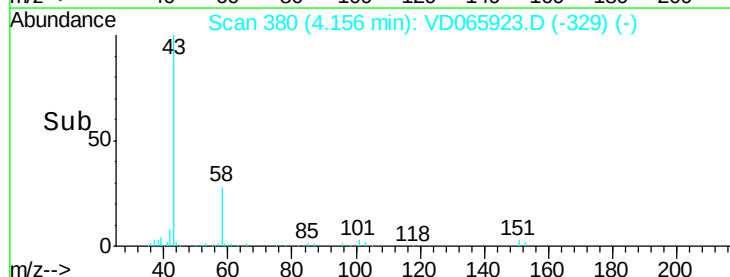
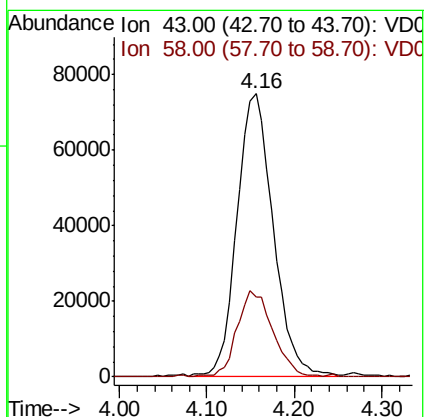
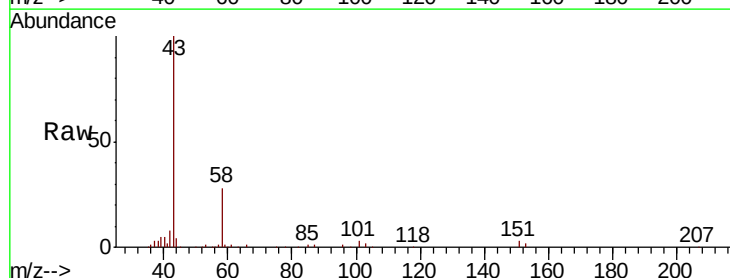
Acq: 07 Jul 2020 15:01

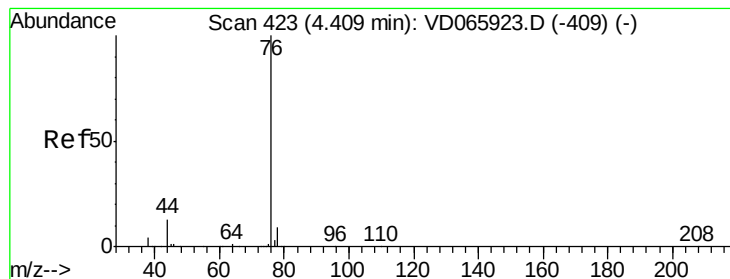
Tgt Ion: 43 Resp: 208815

Ion Ratio Lower Upper

43 100

58 28.4 22.7 34.1





#17

Carbon Disulfide

Concen: 47.781 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

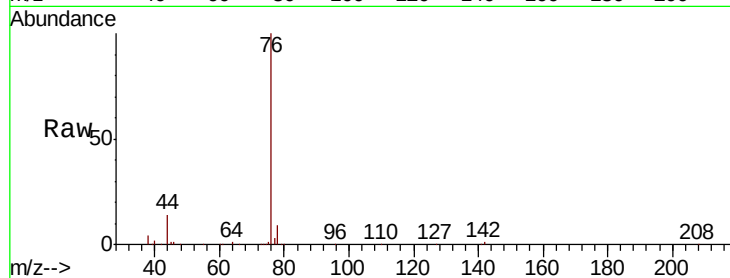
VSTDICCC050

Tot Ion: 76 Resp: 638153

Ion Ratio Lower Upper

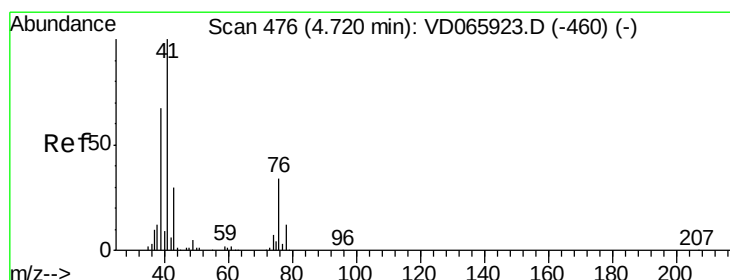
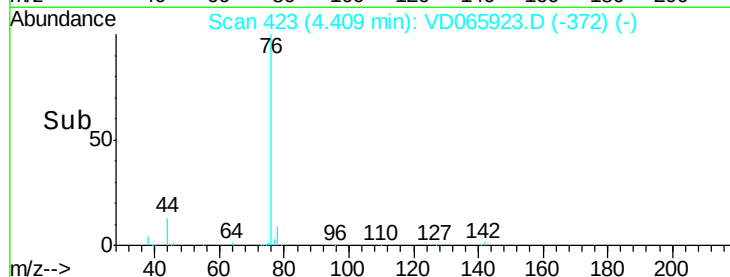
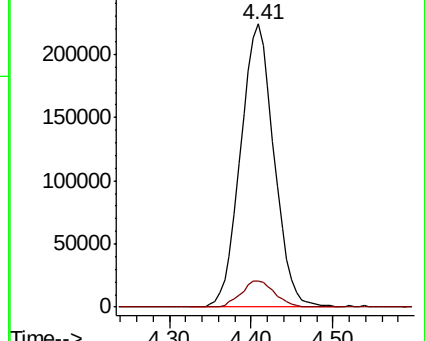
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 46.188 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD065923.D

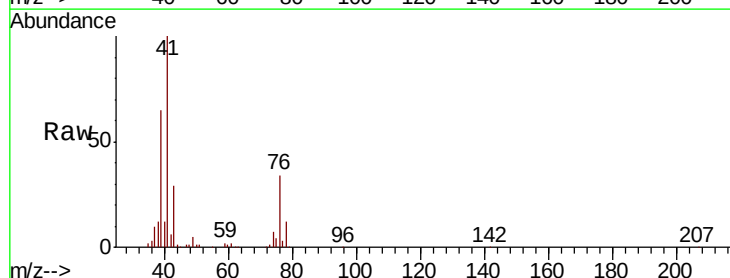
Acq: 07 Jul 2020 15:01

Tgt Ion: 43 Resp: 97259

Ion Ratio Lower Upper

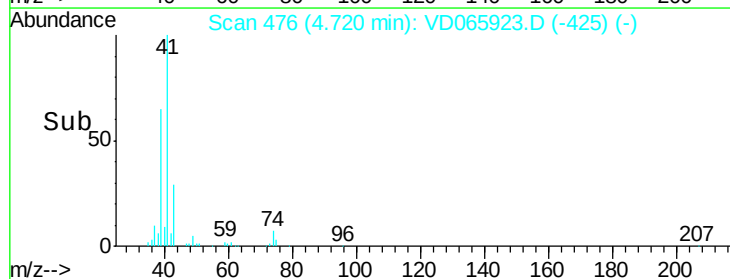
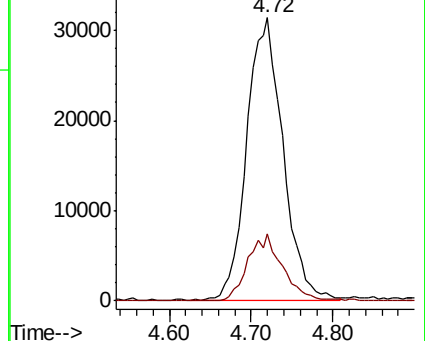
43 100

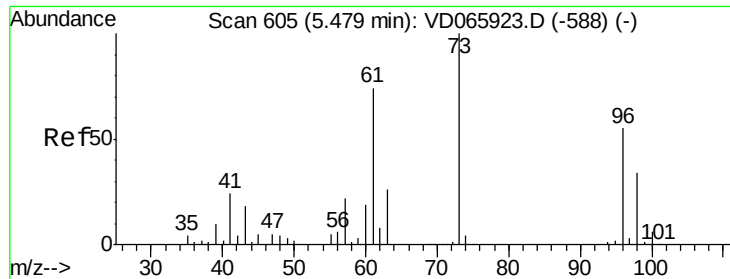
74 22.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

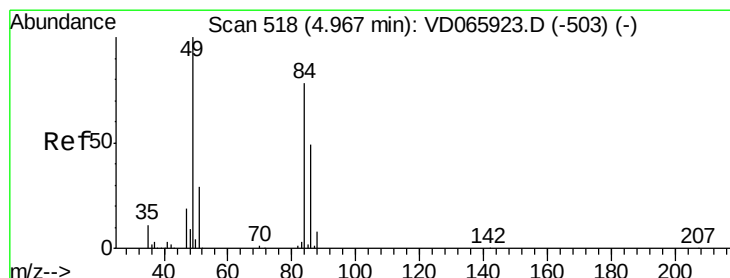
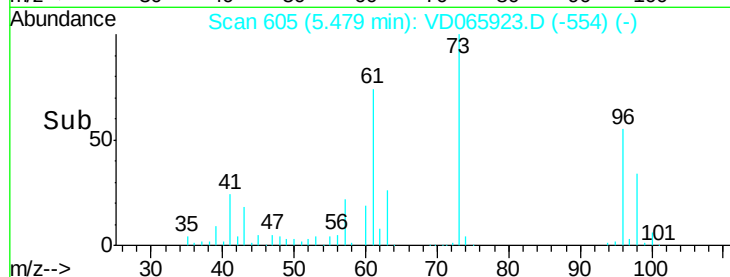
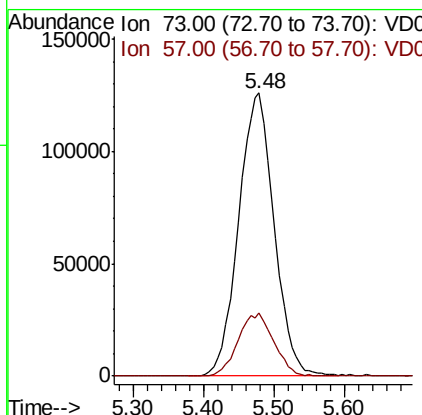
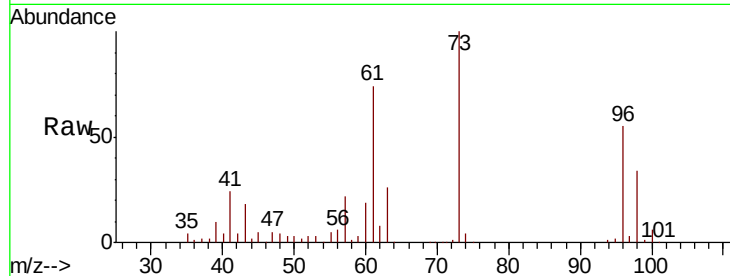




#19
Methyl tert-butyl Ether
Concen: 49.572 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

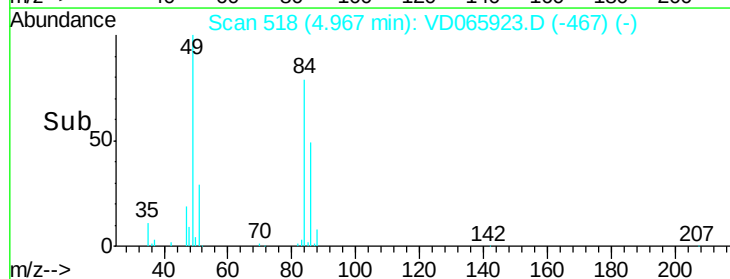
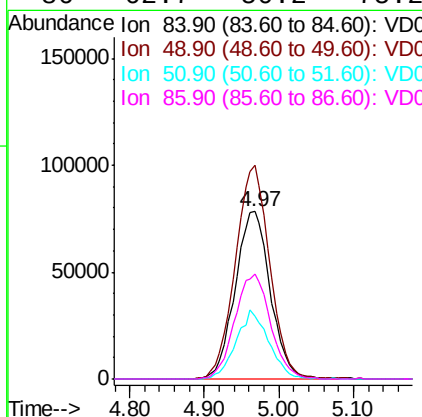
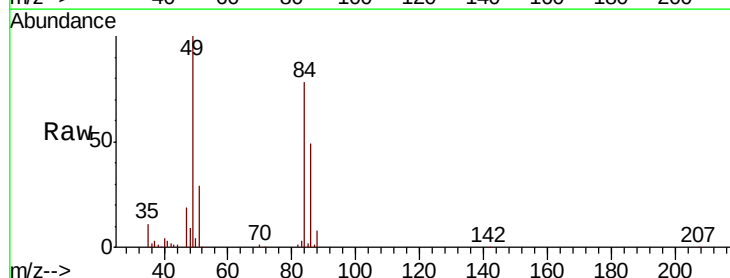
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

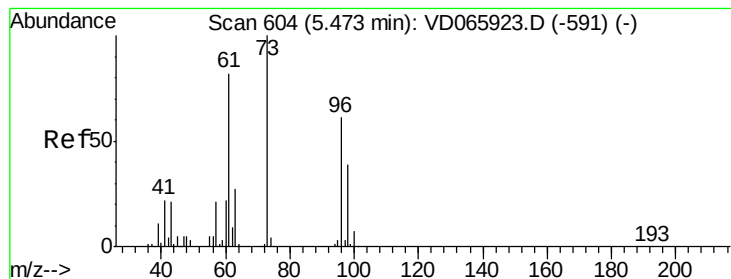
Tot Ion: 73 Resp: 439917
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 40.095 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 84 Resp: 255860
Ion Ratio Lower Upper
84 100
49 127.7 102.2 153.2
51 37.2 29.8 44.6
86 62.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.540 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

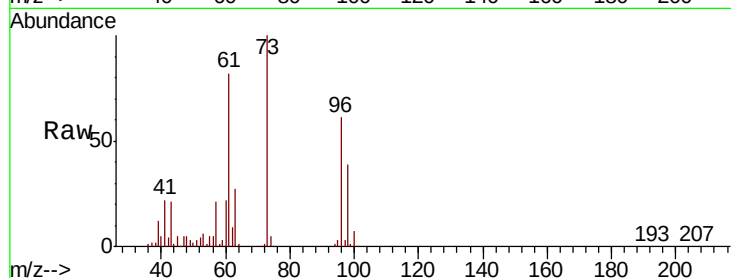
Tot Ion: 96 Resp: 233633

Ion Ratio Lower Upper

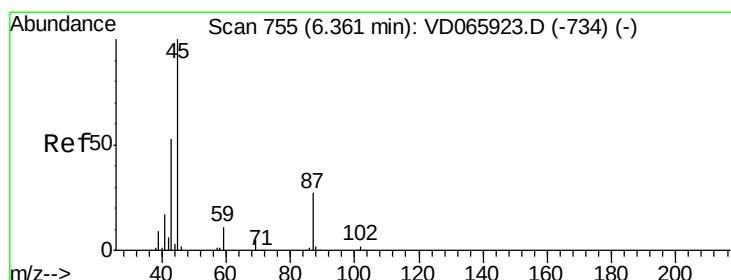
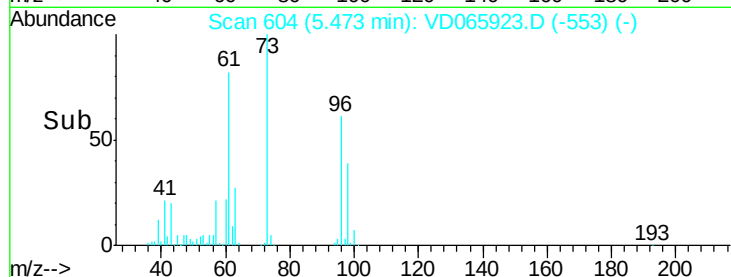
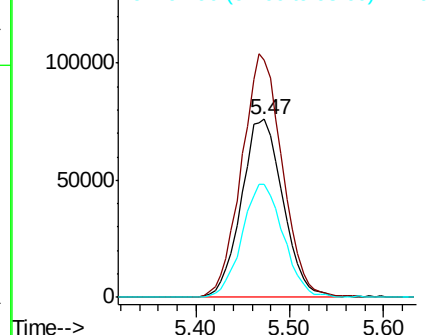
96 100

61 133.3 106.6 160.0

98 63.8 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 50.673 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Tgt Ion: 45 Resp: 676445

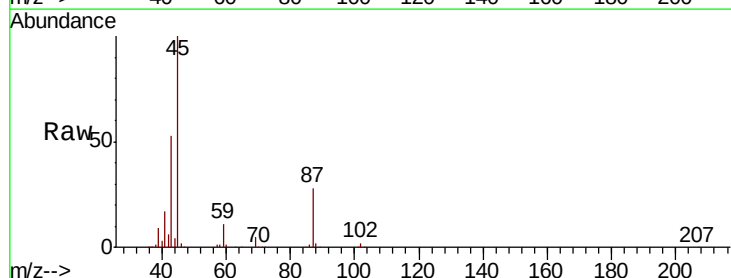
Ion Ratio Lower Upper

45 100

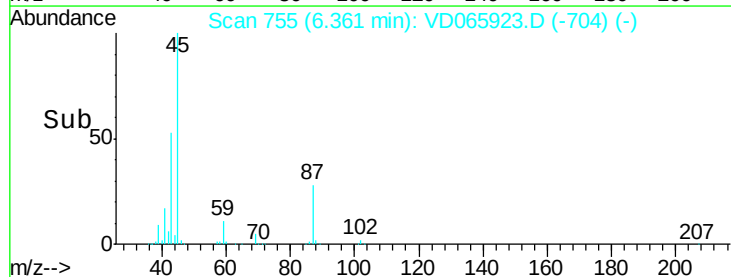
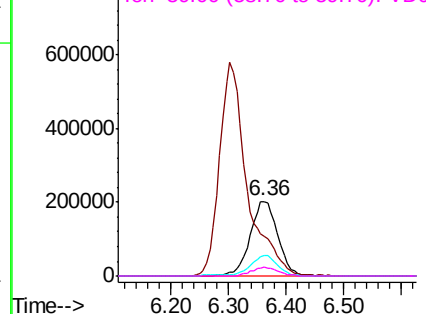
43 53.1 42.5 63.7

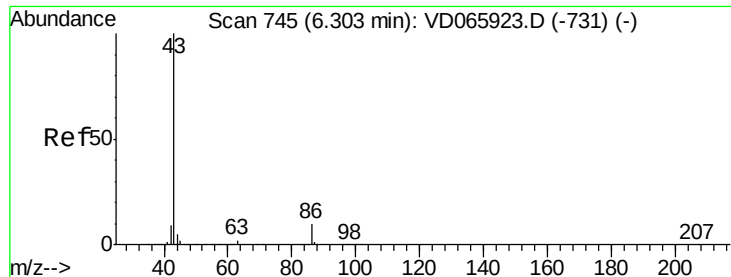
87 27.7 22.2 33.2

59 11.1 8.9 13.3



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: 254.170 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

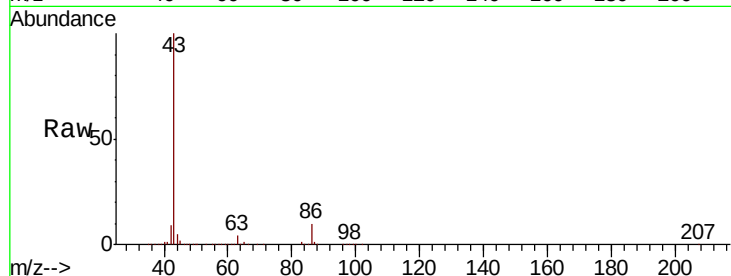
VSTDICCC050

Tot Ion: 43 Resp: 1936696

Ion Ratio Lower Upper

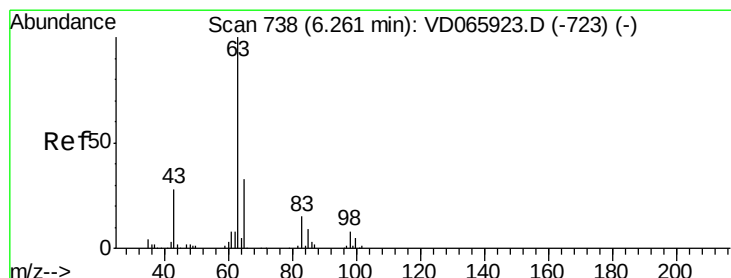
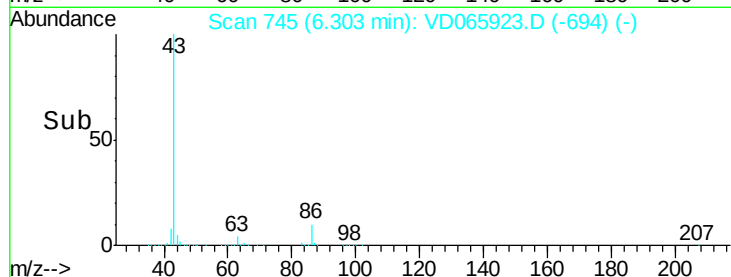
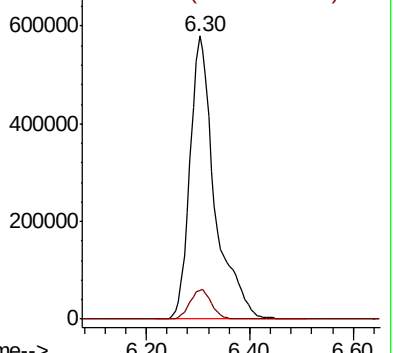
43 100

86 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.245 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

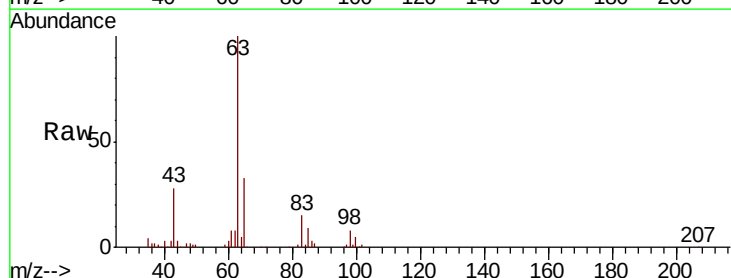
Tgt Ion: 63 Resp: 391989

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

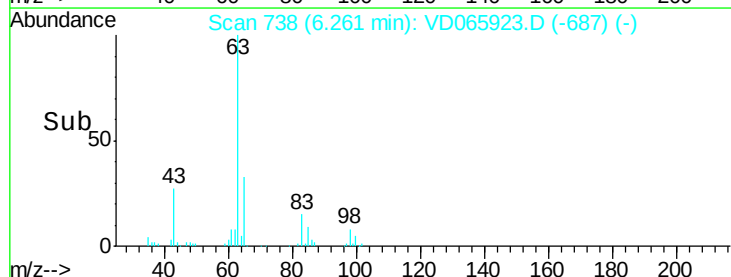
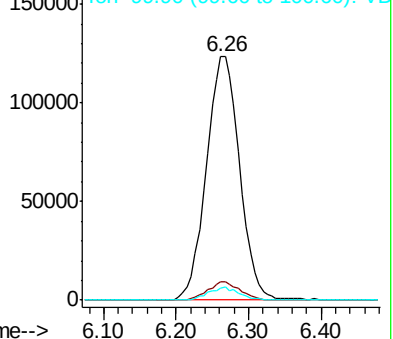
100 5.0 2.5 7.5

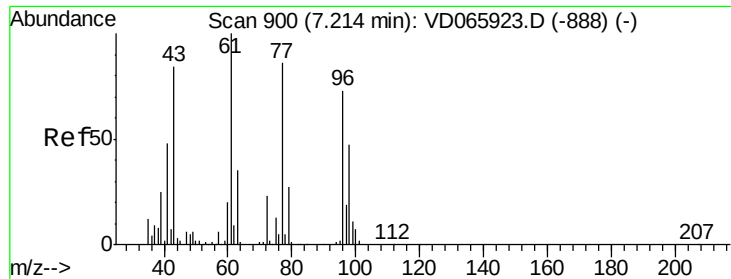


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

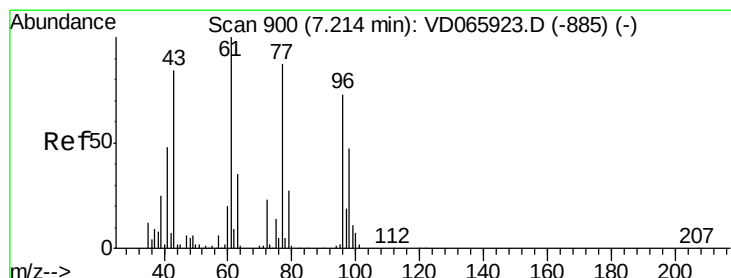
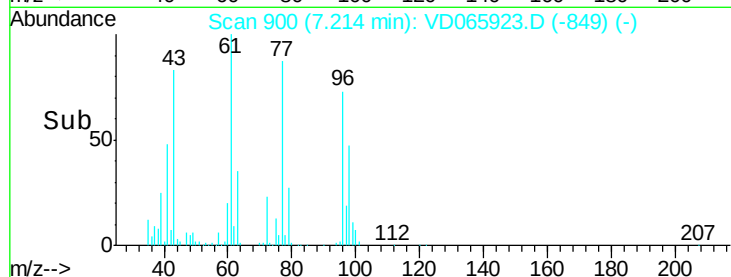
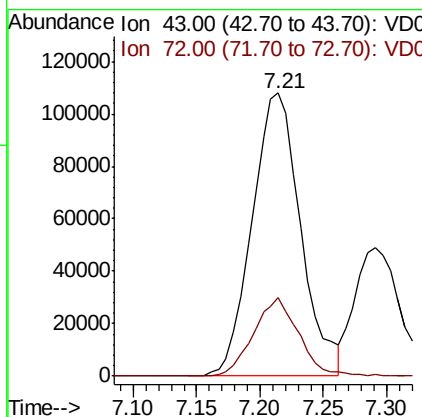
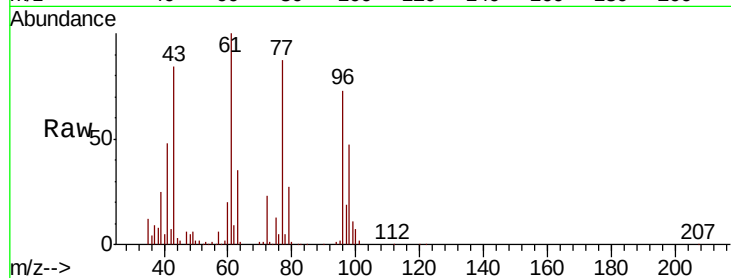




#25
2-Butanone
Concen: 242.993 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

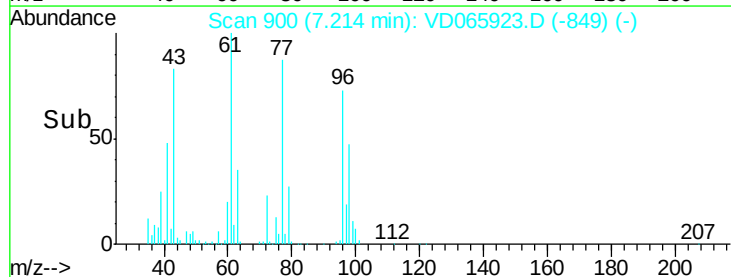
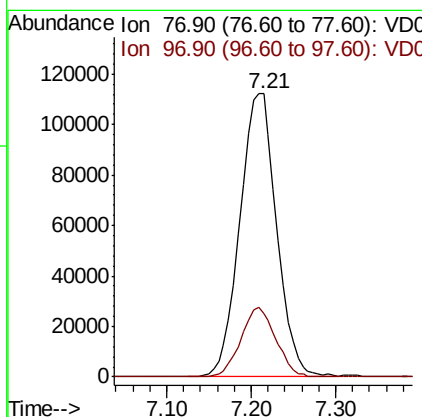
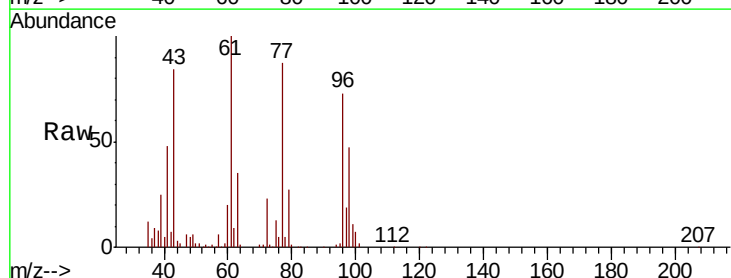
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

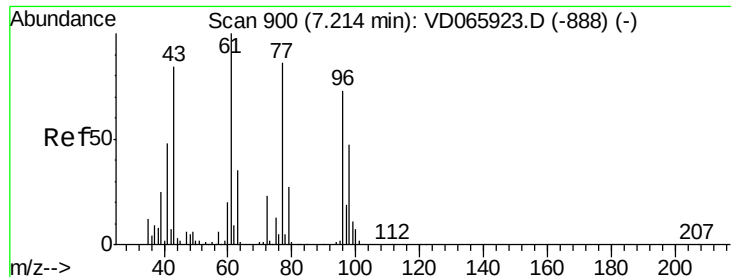
Tot Ion: 43 Resp: 288440
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 48.778 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 77 Resp: 339668
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.644 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

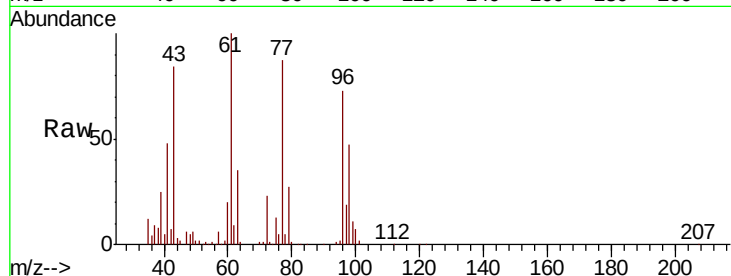
Tot Ion: 96 Resp: 251557

Ion Ratio Lower Upper

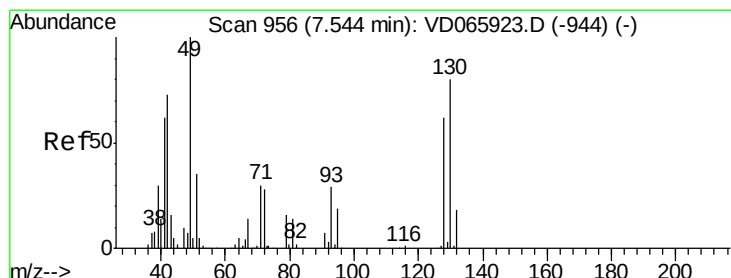
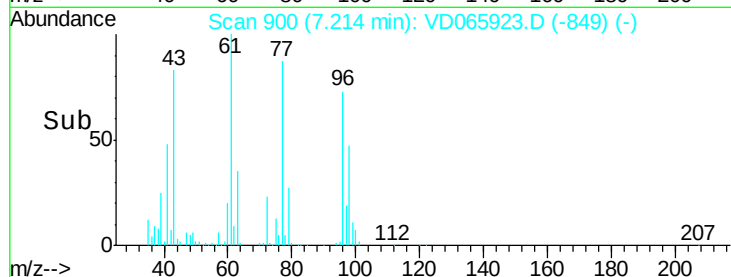
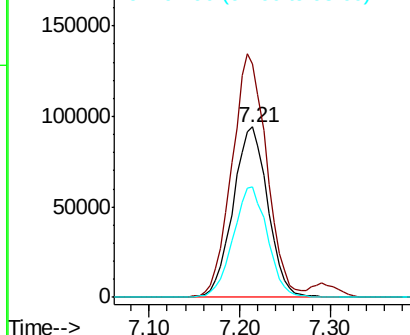
96 100

61 143.3 0.0 286.6

98 64.1 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 46.797 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

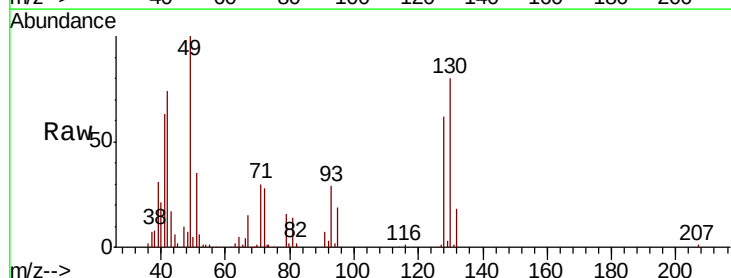
Tgt Ion: 49 Resp: 140720

Ion Ratio Lower Upper

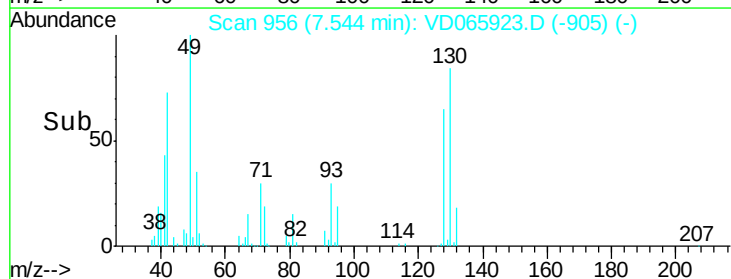
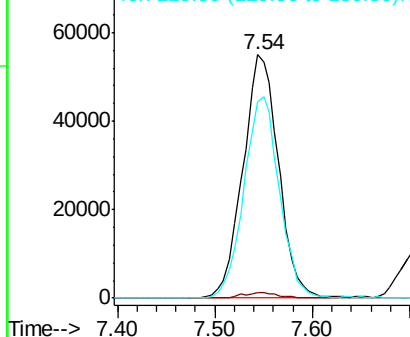
49 100

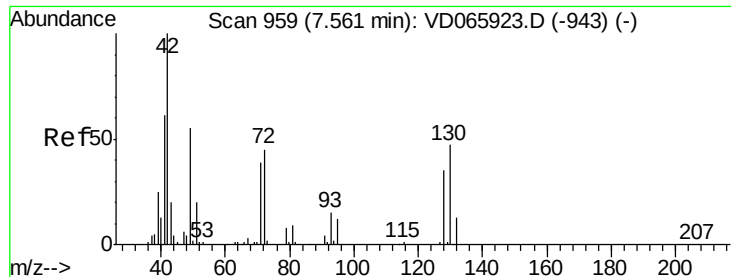
129 2.4 0.0 4.8

130 82.3 65.8 98.8



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

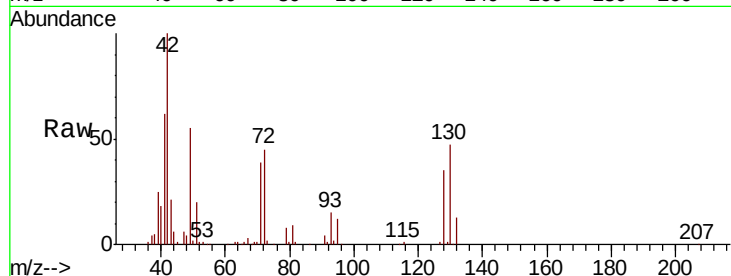




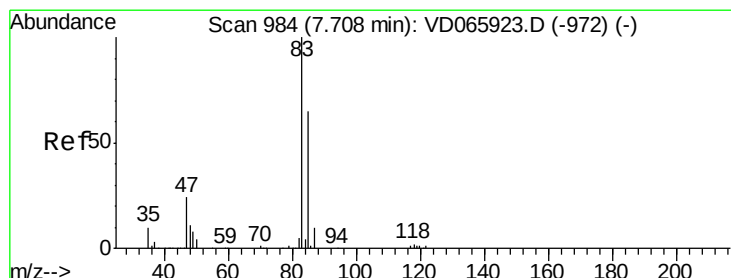
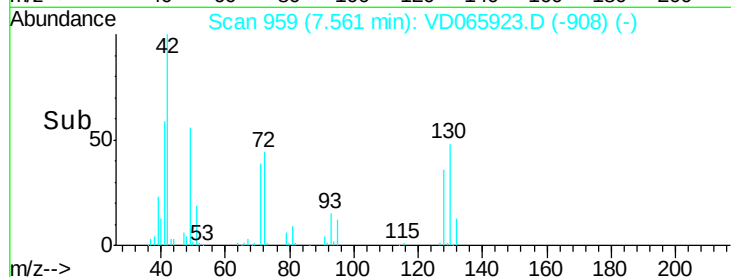
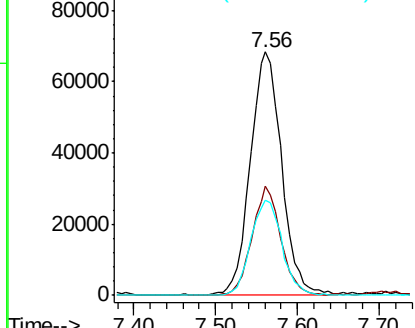
#29
Tetrahydrofuran
Concen: 242.574 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 183097
Ion Ratio Lower Upper
42 100
72 41.0 32.8 49.2
71 38.7 31.0 46.4

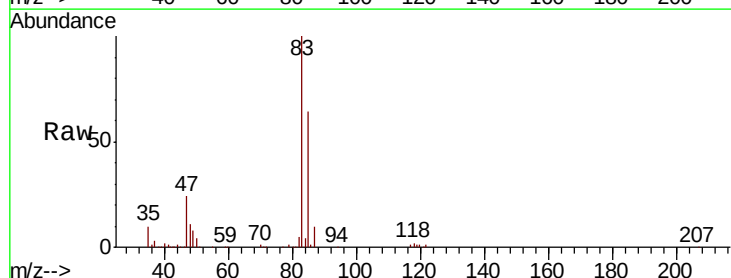


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

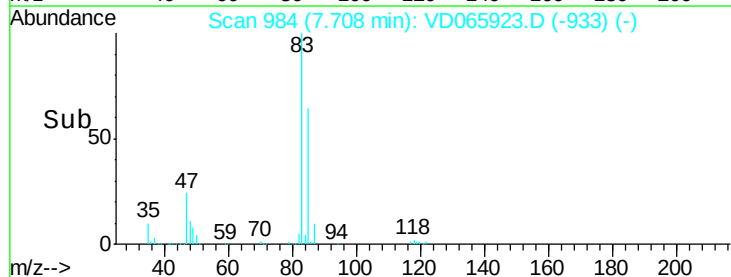
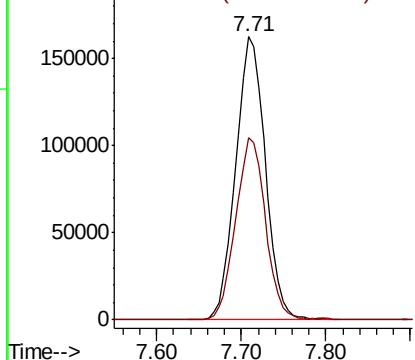


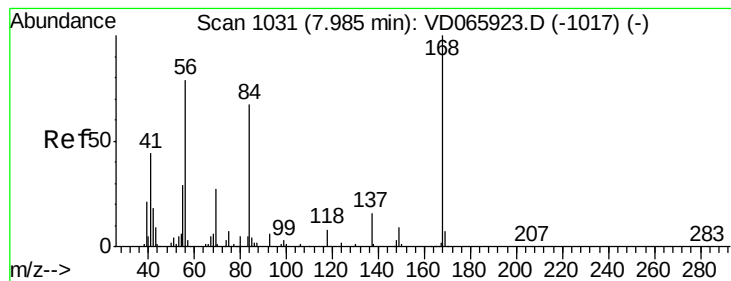
#30
Chloroform
Concen: 48.908 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 83 Resp: 394673
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4



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





#31

Cyclohexane

Concen: 46.971 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

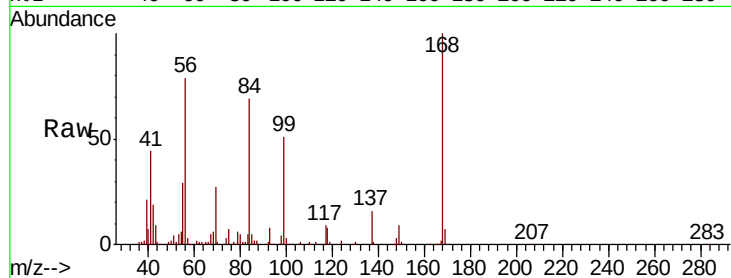
Tot Ion: 56 Resp: 367871

Ion Ratio Lower Upper

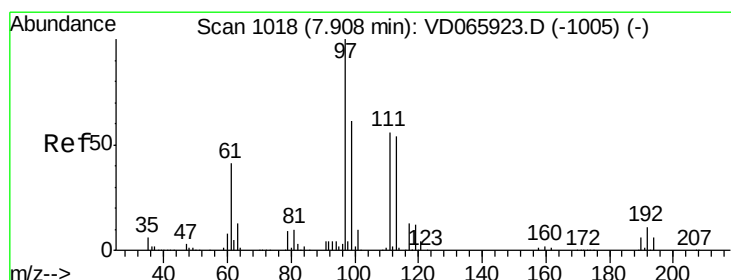
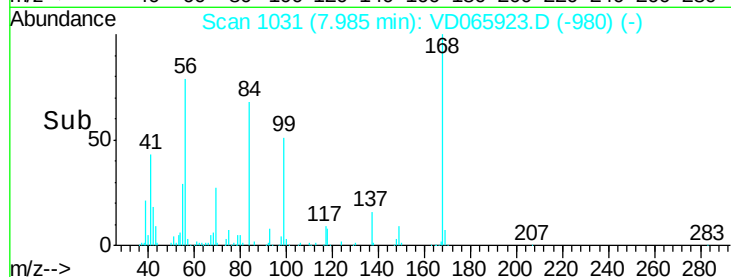
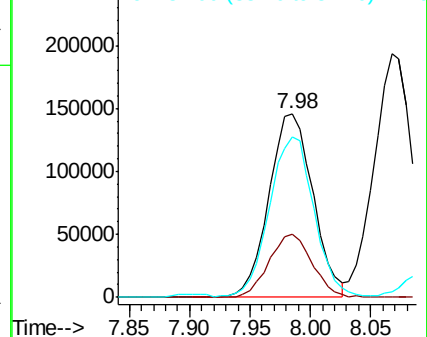
56 100

69 34.2 27.4 41.0

84 85.7 68.6 102.8



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



#32

1,1,1-Trichloroethane

Concen: 49.155 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

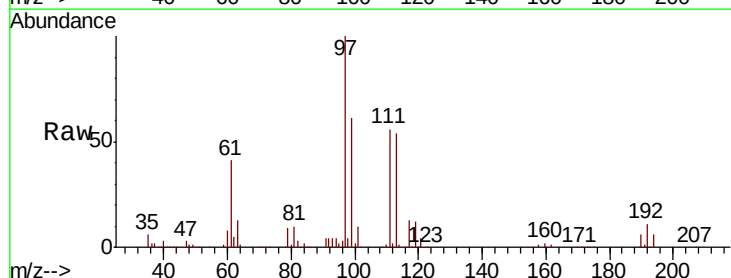
Tgt Ion: 97 Resp: 361994

Ion Ratio Lower Upper

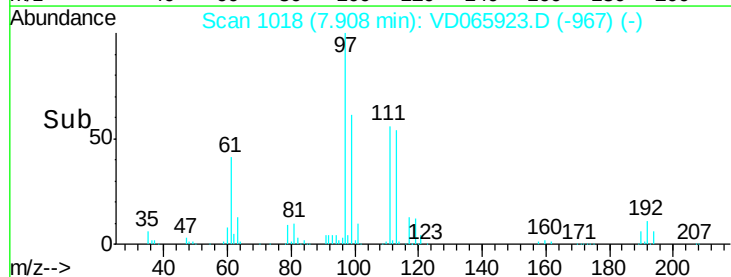
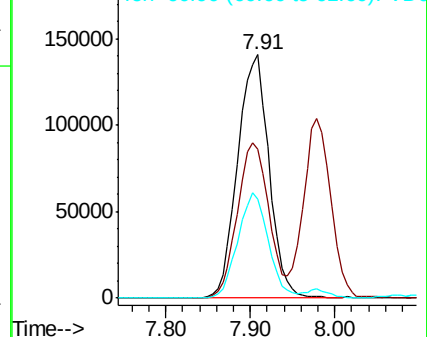
97 100

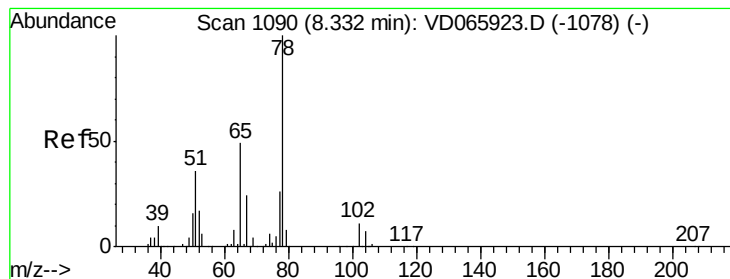
99 64.5 51.6 77.4

61 42.0 33.6 50.4



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





#33

1,2-Dichloroethane-d4

Concen: 49.346 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

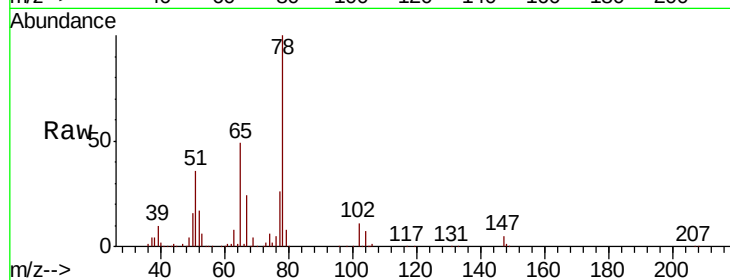
VSTDICCC050

Tot Ion: 65 Resp: 189145

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

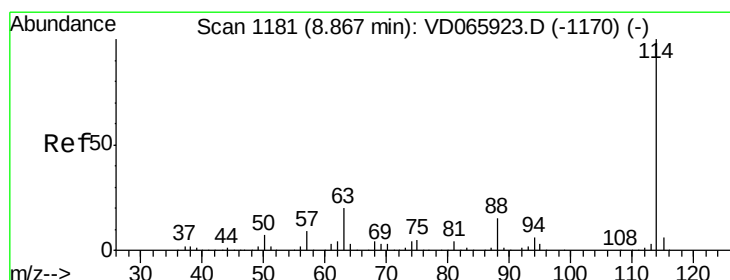
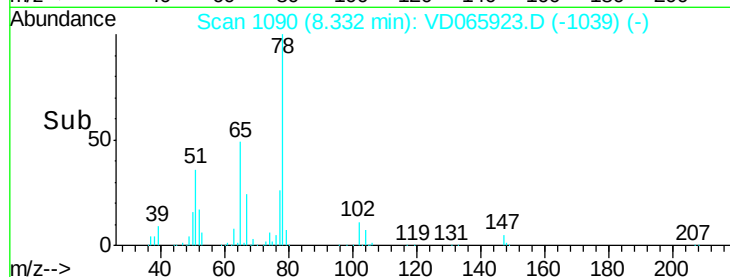
60000

40000

20000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

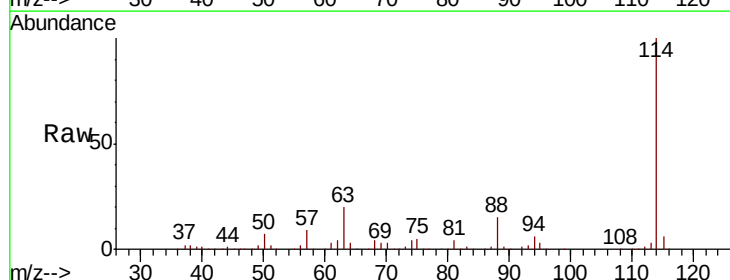
Tgt Ion: 114 Resp: 649404

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.0 0.0 30.0



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

8.87

400000

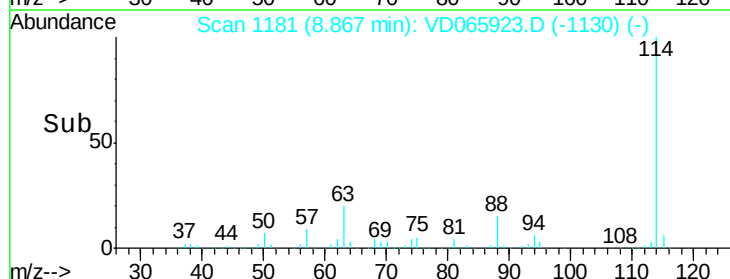
300000

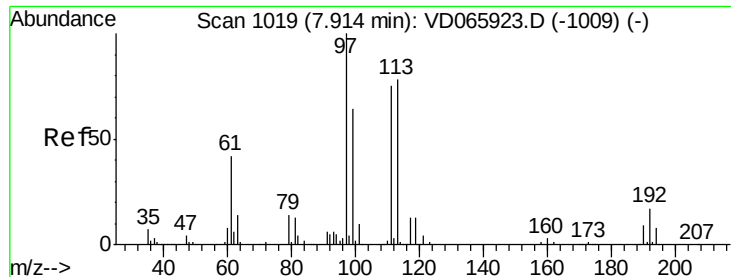
200000

100000

0

Time--> 8.80 8.90 9.00

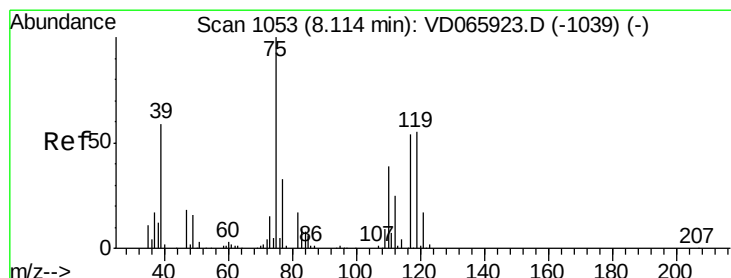
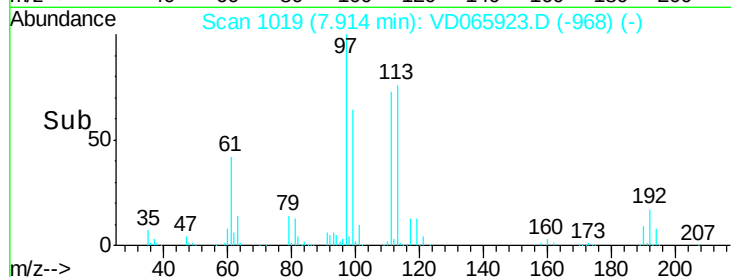
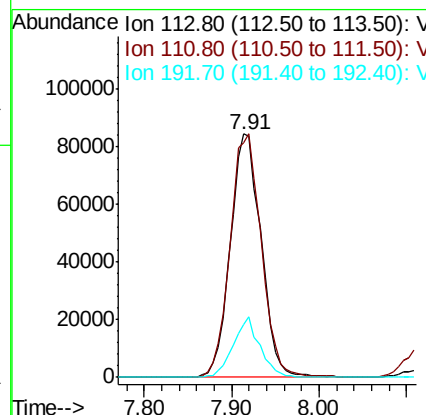
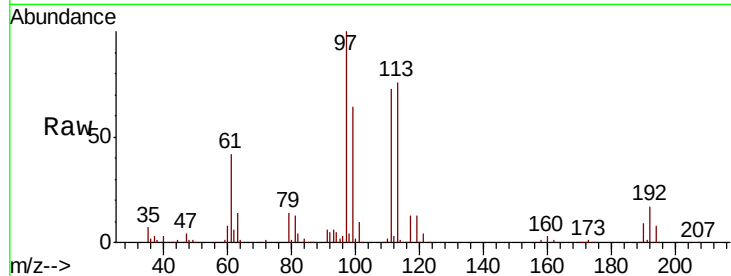




#35
 Dibromofluoromethane
 Concen: 50.485 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

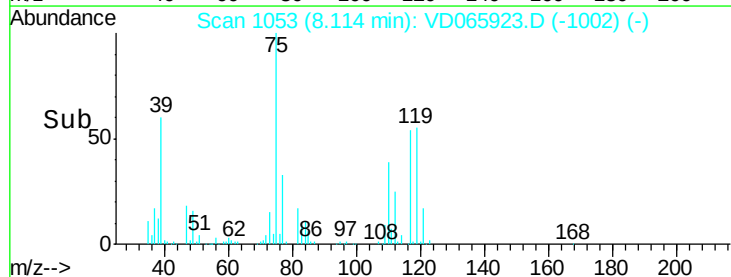
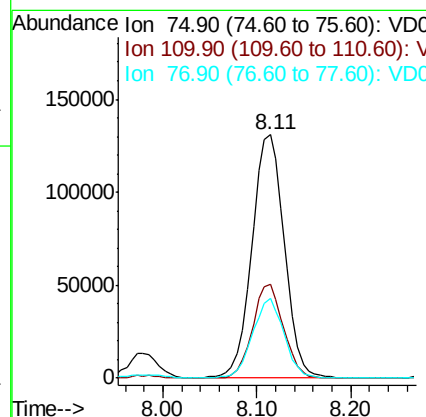
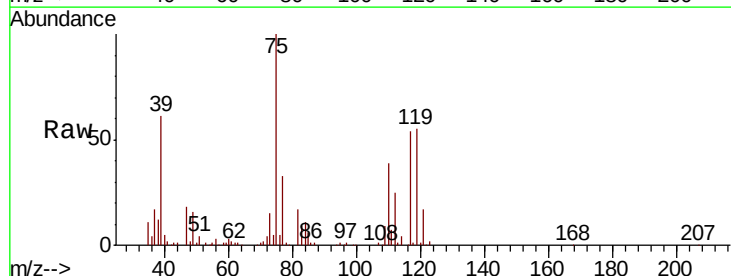
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

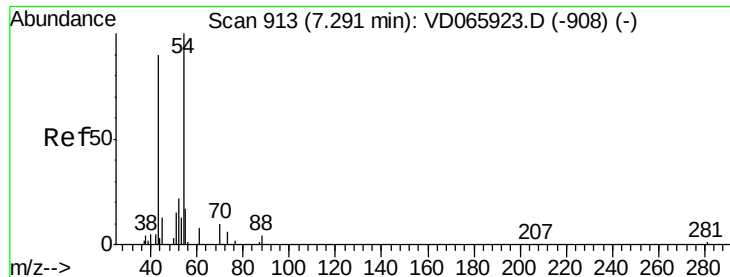
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	21.4	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 48.509 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.5	55.5
77	32.0	25.6	38.4

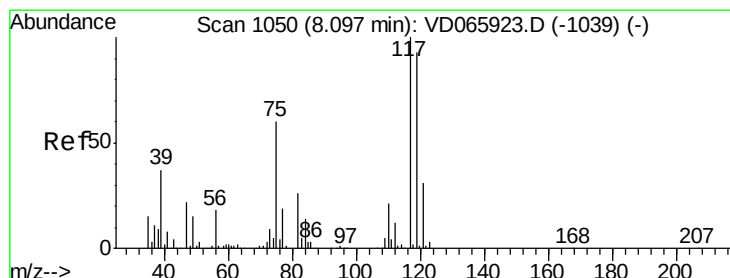
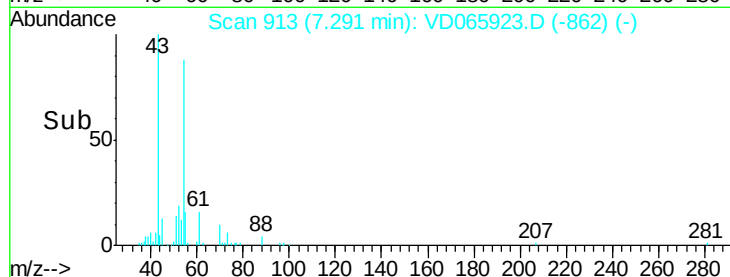
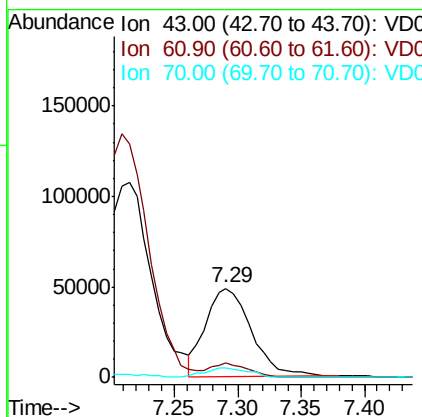
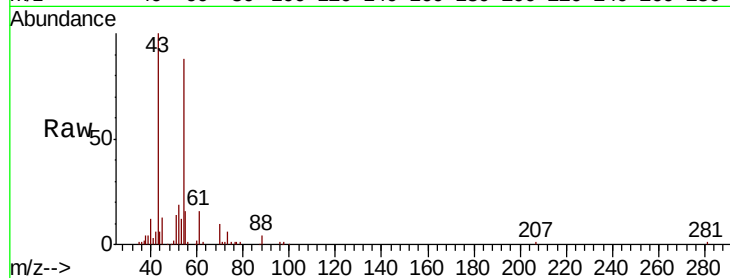




#37
Ethyl Acetate
Concen: 45.411 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

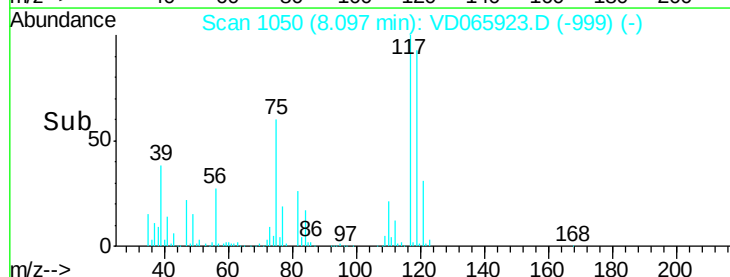
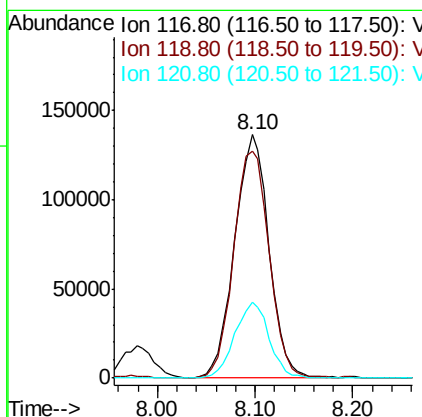
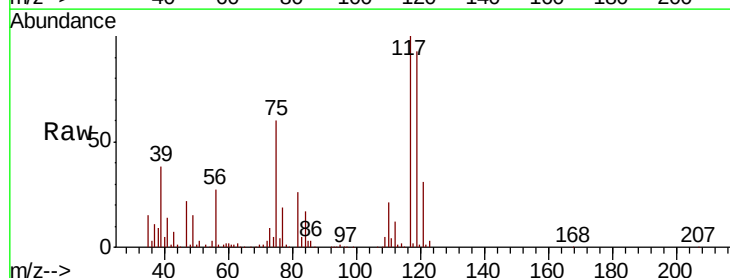
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

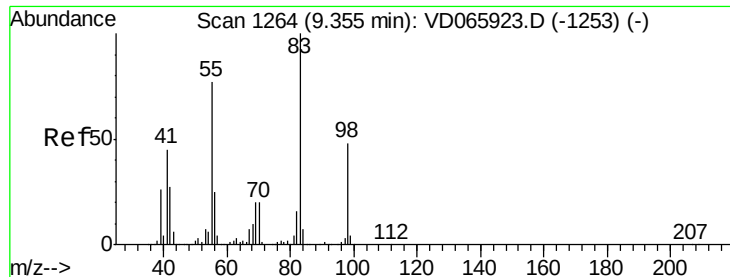
Tot Ion: 43 Resp: 122036
Ion Ratio Lower Upper
43 100
61 11.7 9.4 14.0
70 10.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 48.421 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 117 Resp: 332875
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
121 31.1 24.9 37.3

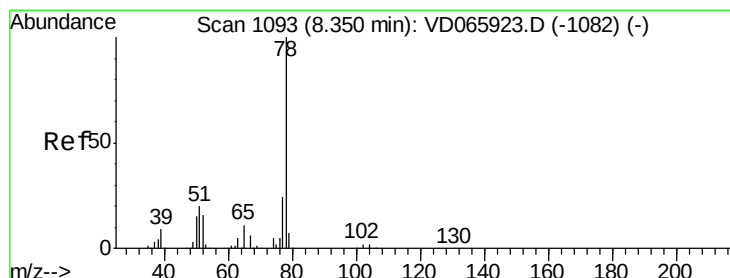
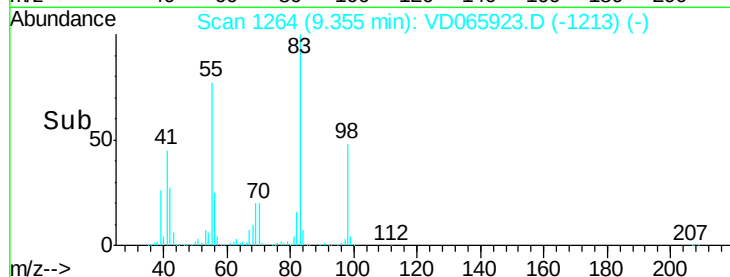
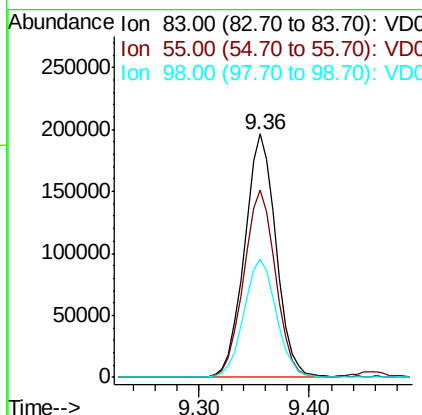
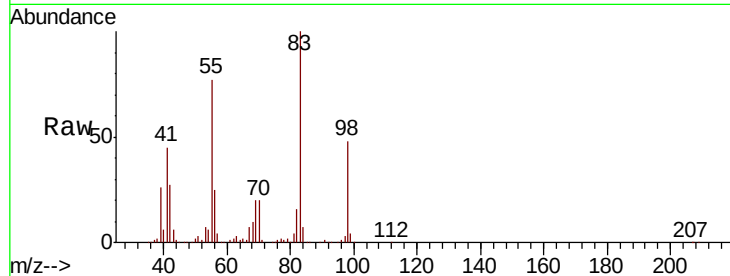




#39
Methylvlcyclohexane
Concen: 49.989 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

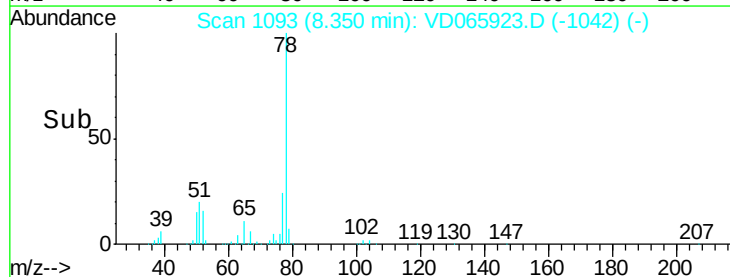
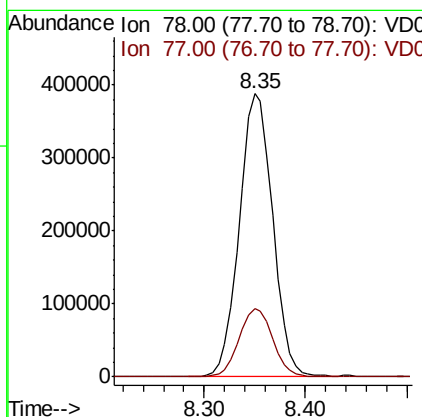
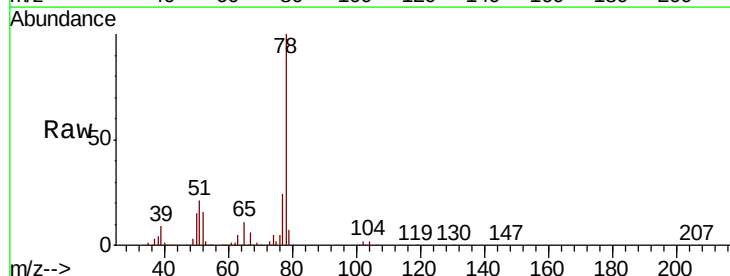
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

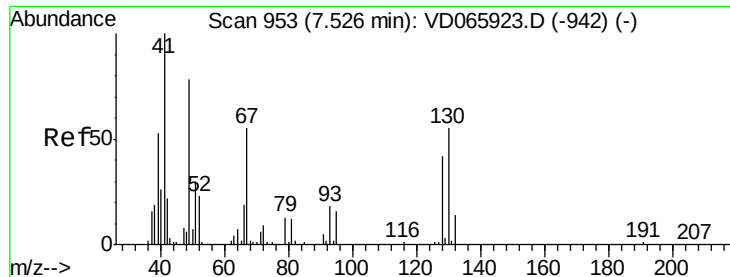
Tot Ion: 83 Resp: 393630
Ion Ratio Lower Upper
83 100
55 77.1 61.7 92.5
98 48.3 38.6 58.0



#40
Benzene
Concen: 50.151 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 78 Resp: 888618
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

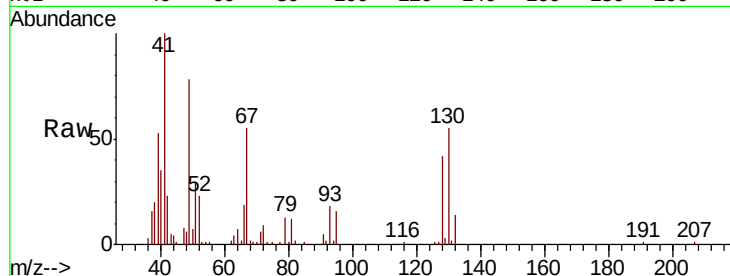




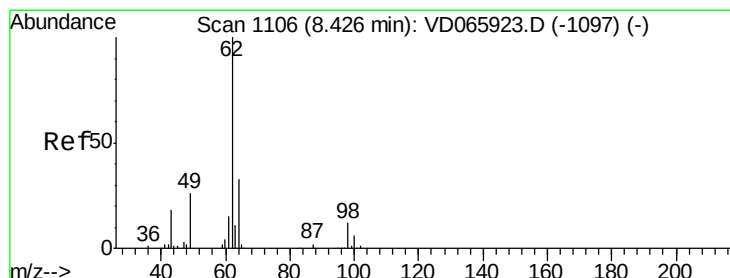
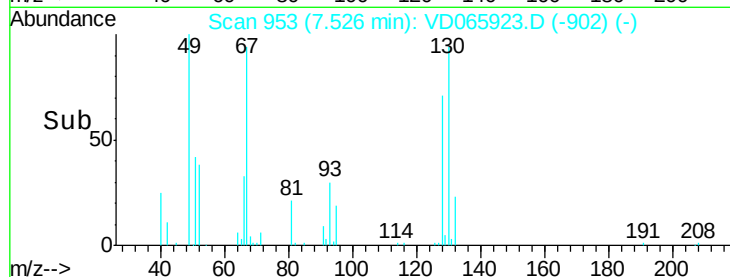
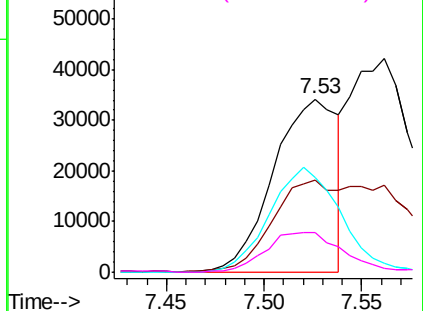
#41
Methacrylonitrile
Concen: 49.159 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	78522
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.4	63.6
67	67.0	53.6	80.4
52	27.7	22.2	33.2

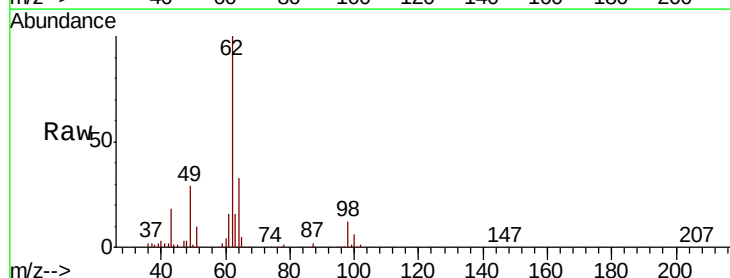


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

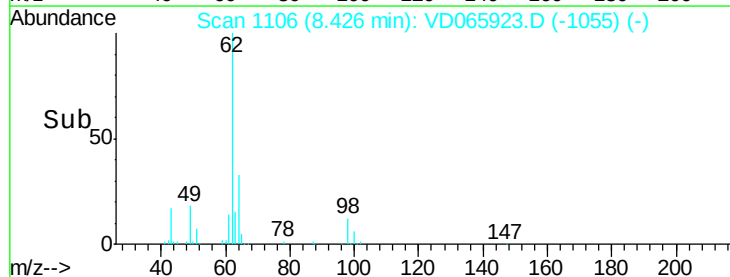
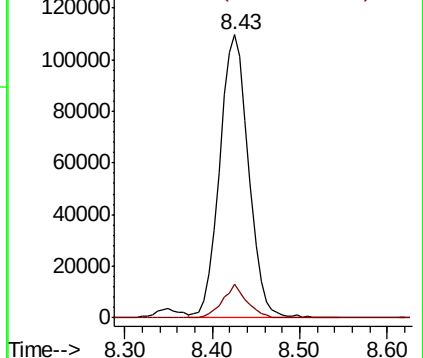


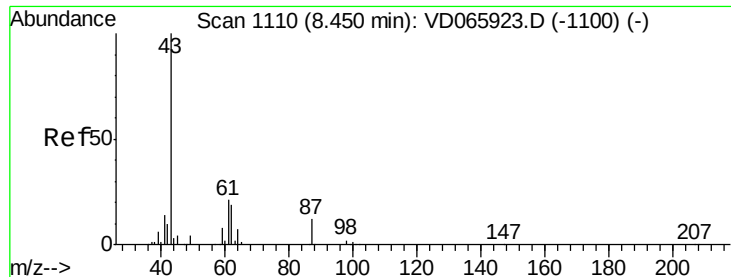
#42
1,2-Dichloroethane
Concen: 49.688 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion:	62	Resp:	249417
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 49.851 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

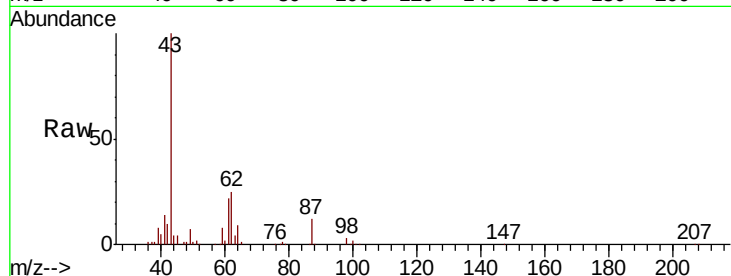
Tot Ion: 43 Resp: 249363

Ion Ratio Lower Upper

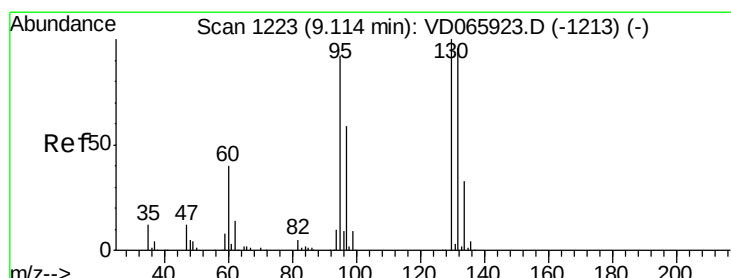
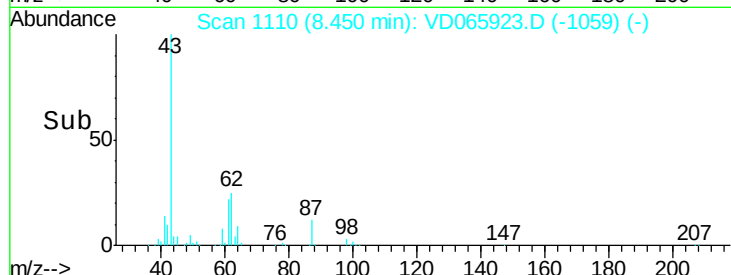
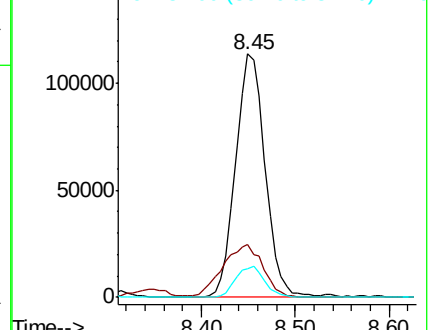
43 100

61 29.0 23.2 34.8

87 12.5 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.023 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065923.D

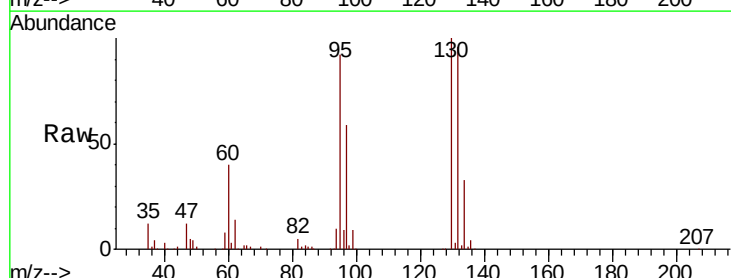
Acq: 07 Jul 2020 15:01

Tgt Ion: 130 Resp: 255220

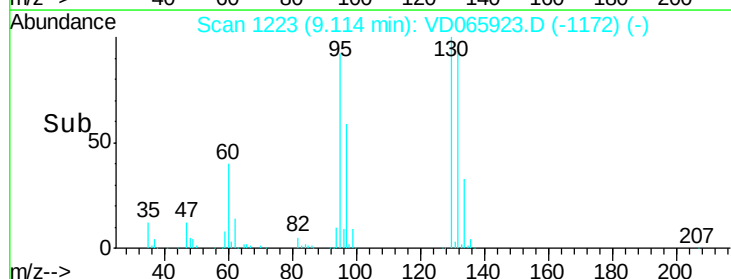
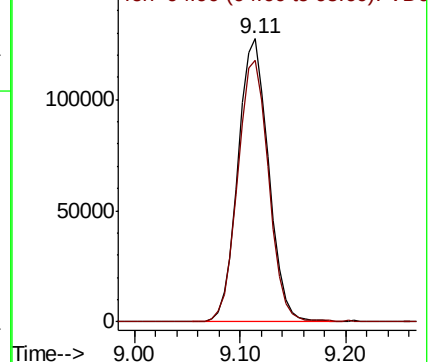
Ion Ratio Lower Upper

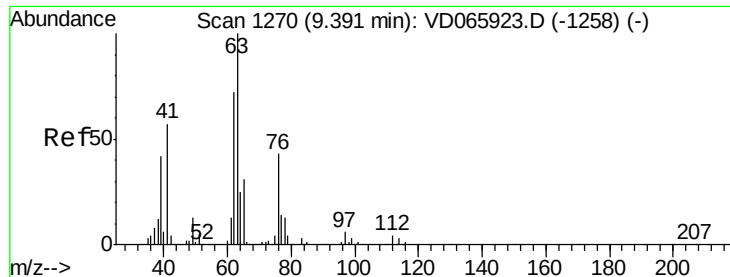
130 100

95 92.3 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

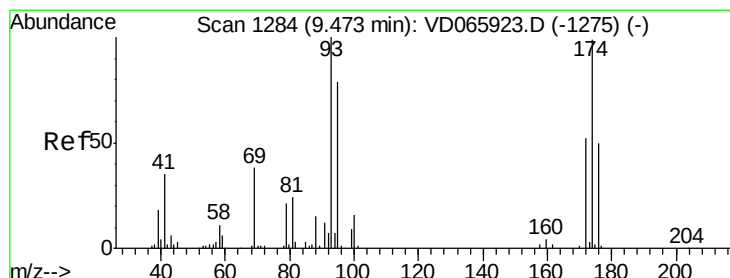
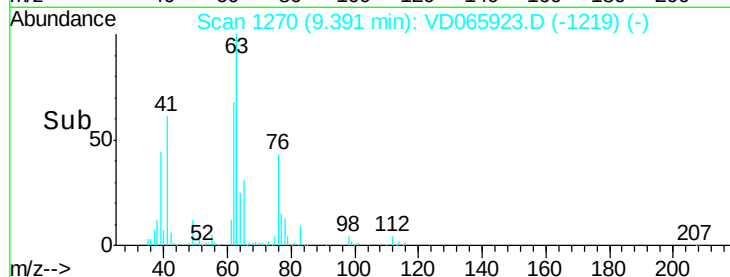
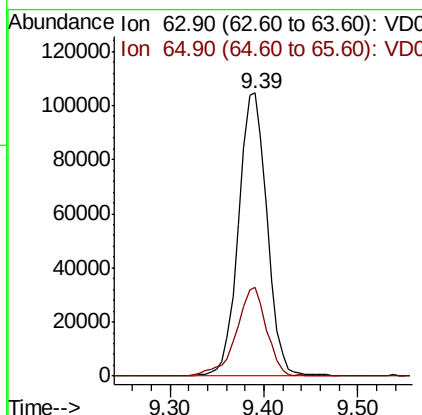
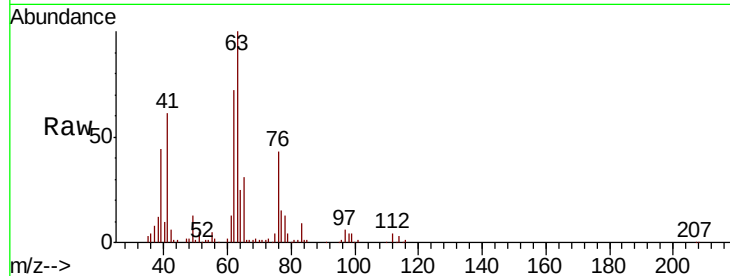




#45
 1,2-Dichloropropane
 Concen: 49.983 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

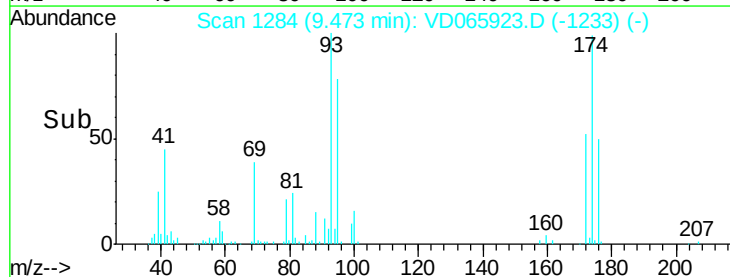
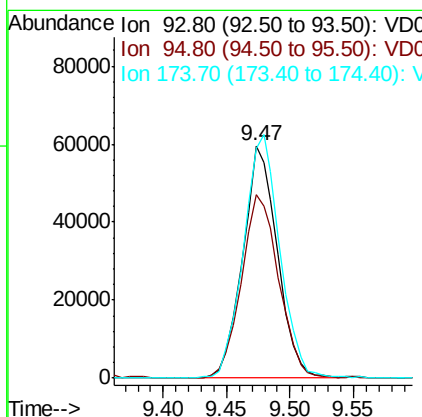
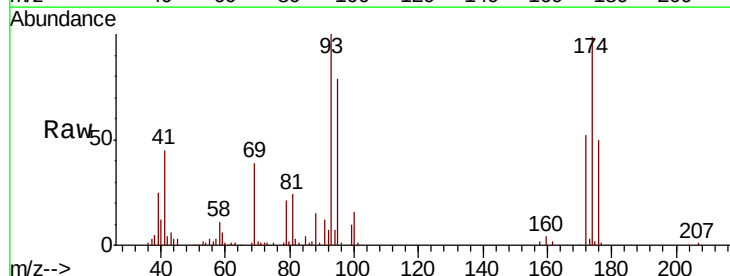
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

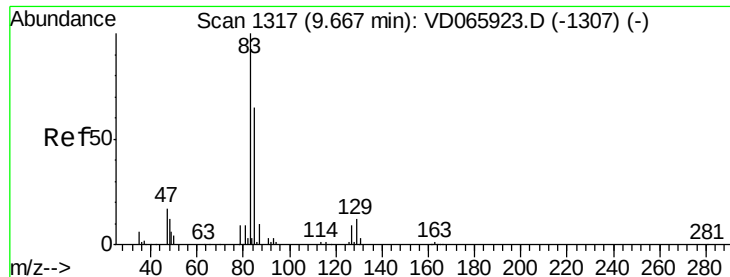
Tot Ion: 63 Resp: 219816
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 49.364 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion: 93 Resp: 113024
 Ion Ratio Lower Upper
 93 100
 95 85.2 68.2 102.2
 174 110.0 88.0 132.0





#47

Bromodichloromethane

Concen: 49.816 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

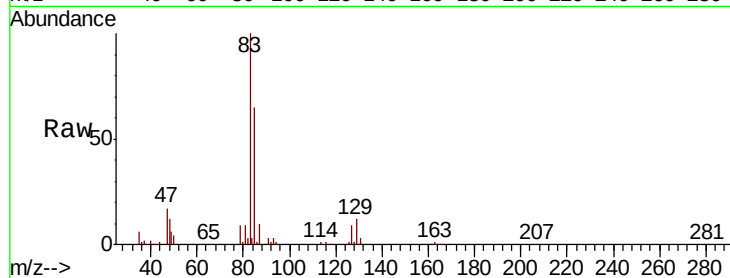
Tot Ion: 83 Resp: 305954

Ion Ratio Lower Upper

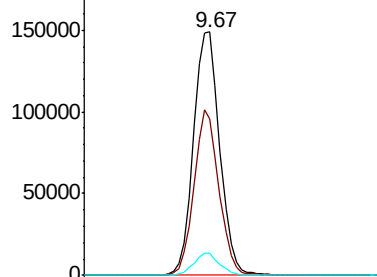
83 100

85 64.5 51.6 77.4

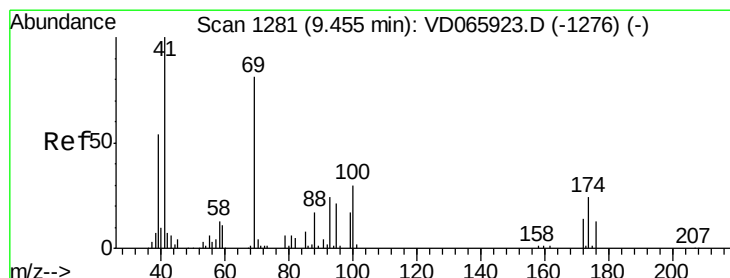
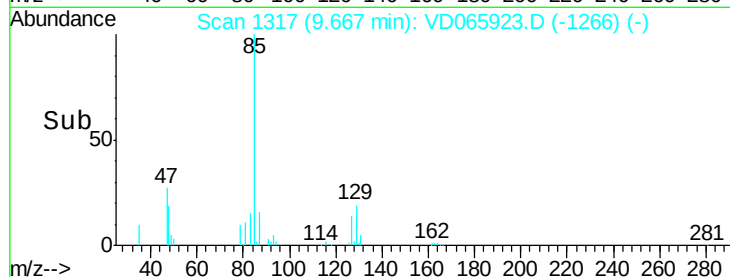
127 9.0 7.2 10.8



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



Time-->



#48

Methyl methacrylate

Concen: 50.806 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

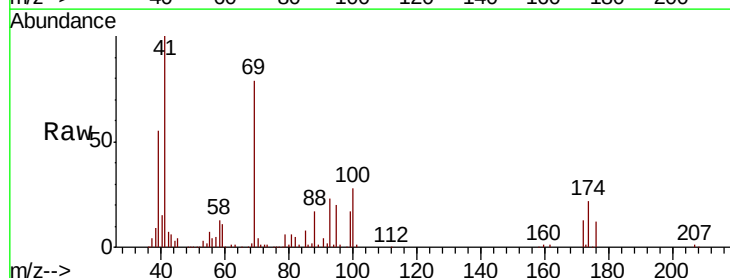
Tgt Ion: 41 Resp: 127941

Ion Ratio Lower Upper

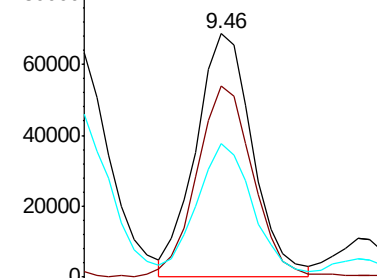
41 100

69 77.8 62.2 93.4

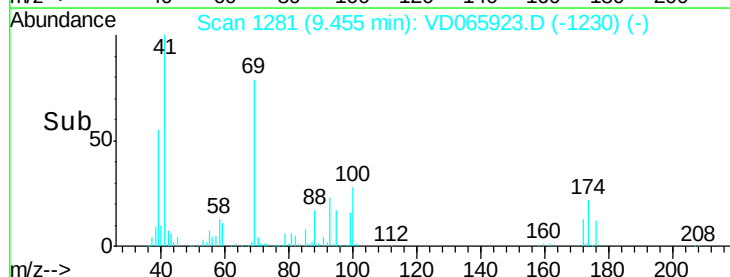
39 49.9 39.9 59.9

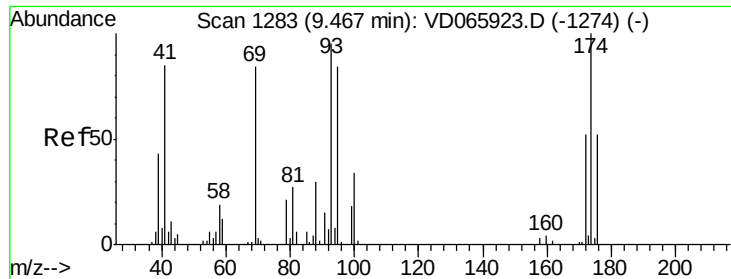


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC



Time-->

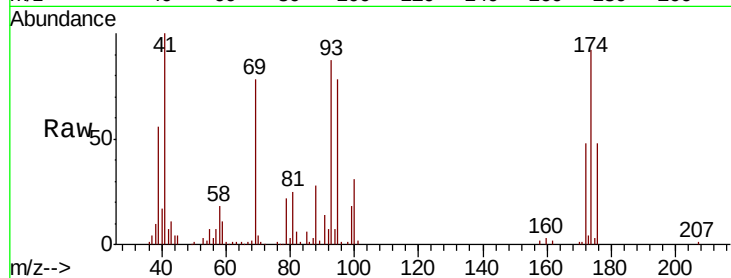




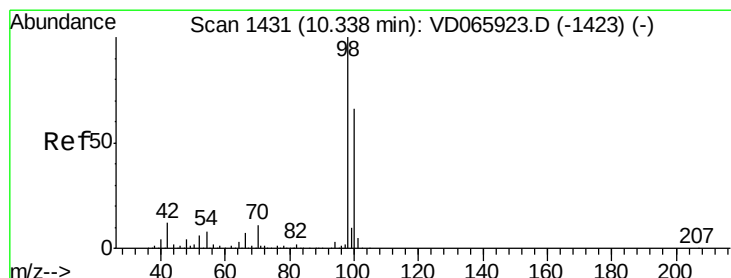
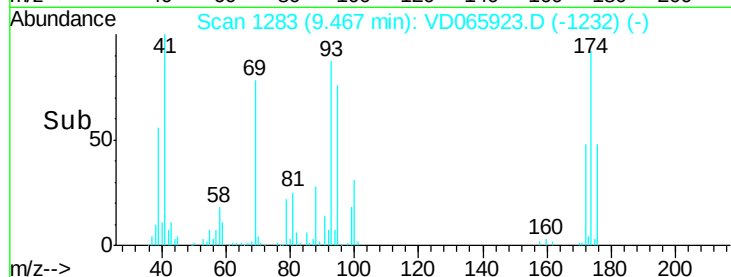
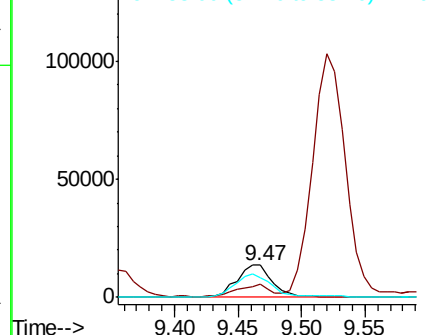
#49
 1,4-Dioxane
 Concen: 983.460 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 88 Resp: 26755
 Ion Ratio Lower Upper
 88 100
 43 35.3 28.2 42.4
 58 73.2 58.6 87.8

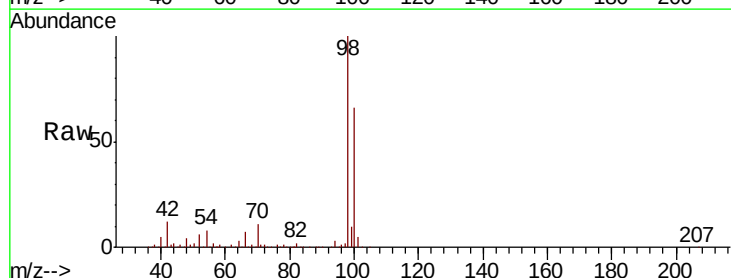


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

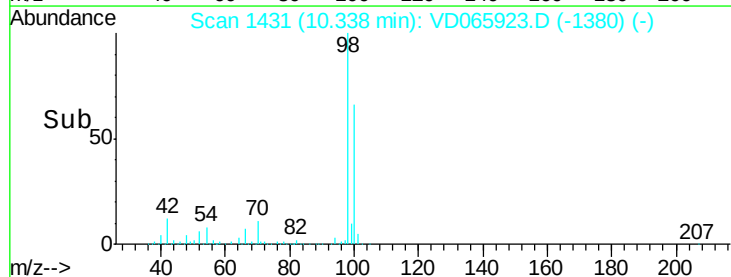
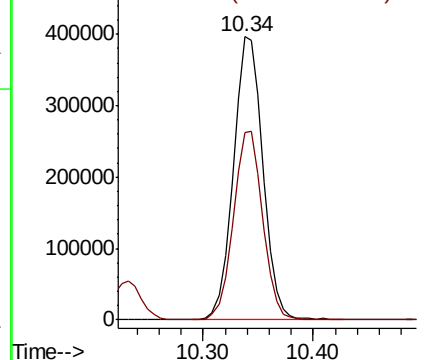


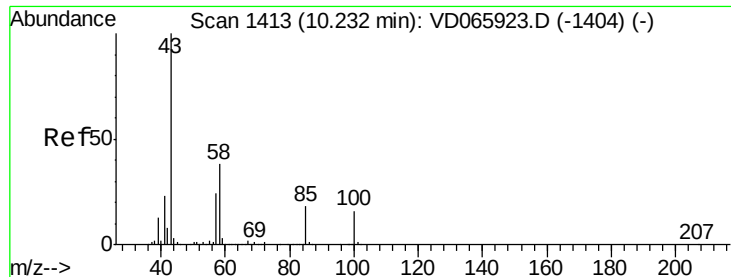
#50
 Toluene-d8
 Concen: 50.834 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion: 98 Resp: 743034
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.1 79.7



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

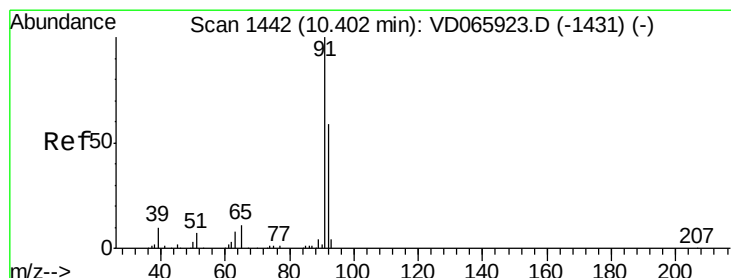
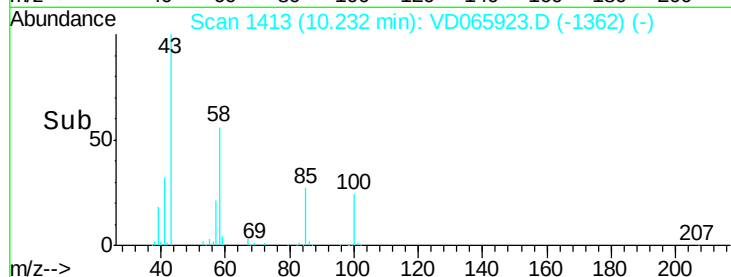
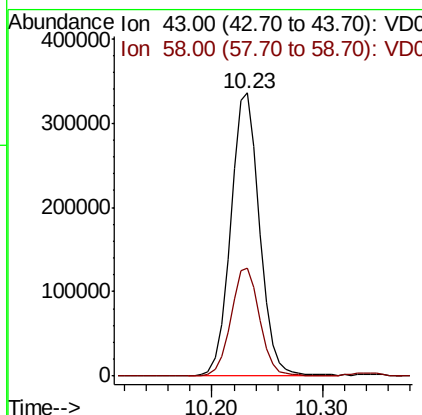
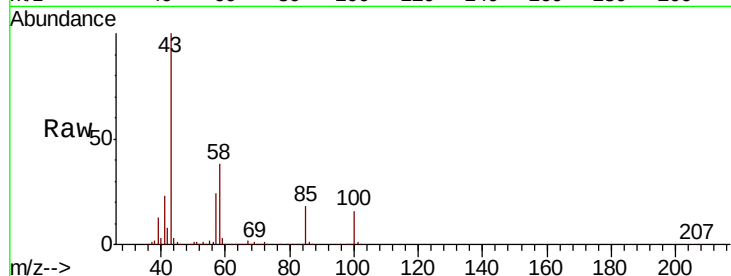




#51
 4-Methyl-2-Pentanone
 Concen: 243.839 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

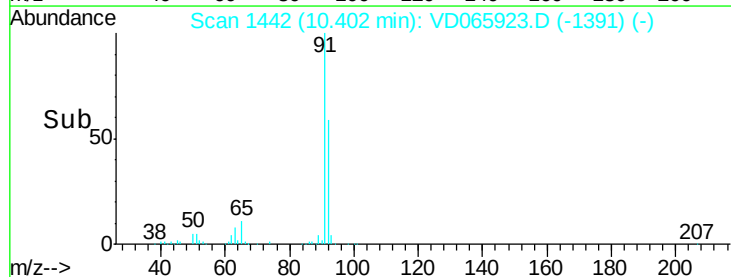
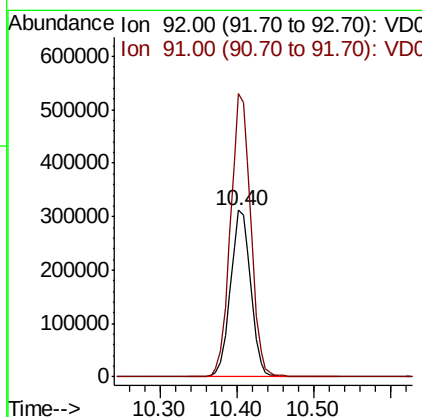
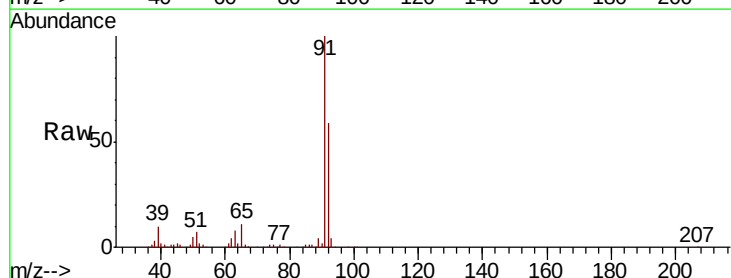
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

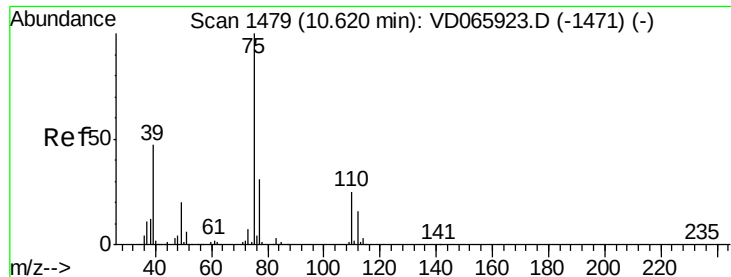
Tot Ion: 43 Resp: 616656
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.5 45.7



#52
 Toluene
 Concen: 50.950 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion: 92 Resp: 574344
 Ion Ratio Lower Upper
 92 100
 91 170.0 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 50.539 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

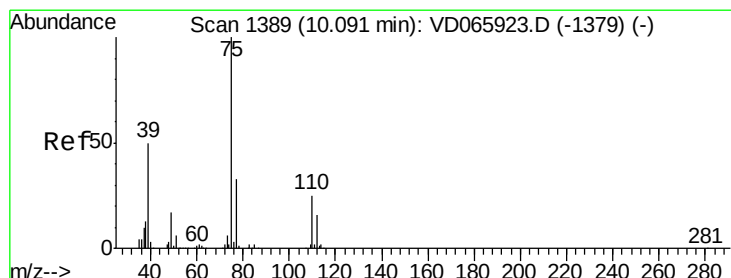
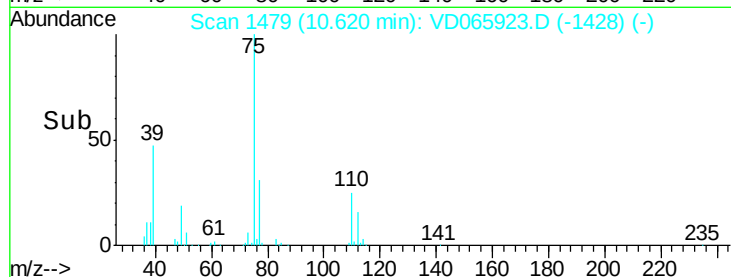
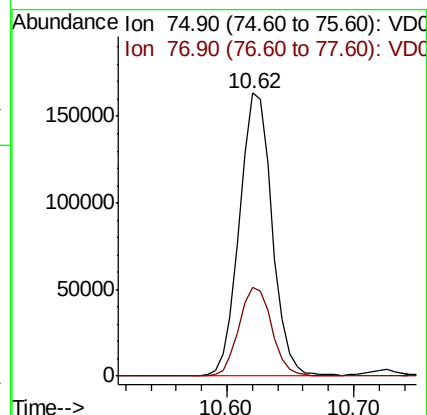
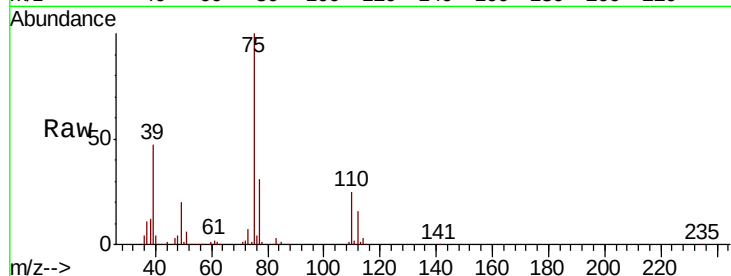
VSTDICCC050

Tot Ion: 75 Resp: 291857

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 49.994 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

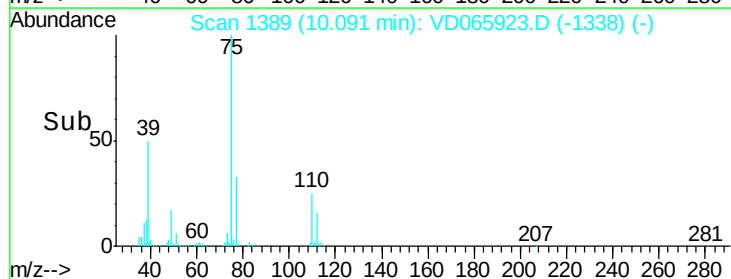
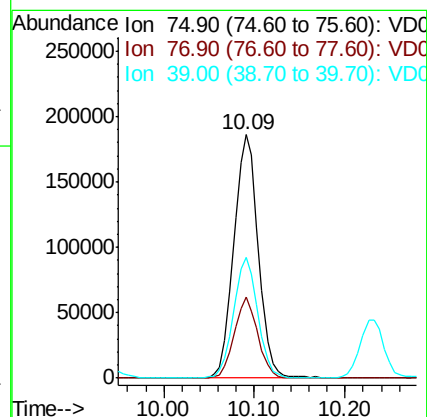
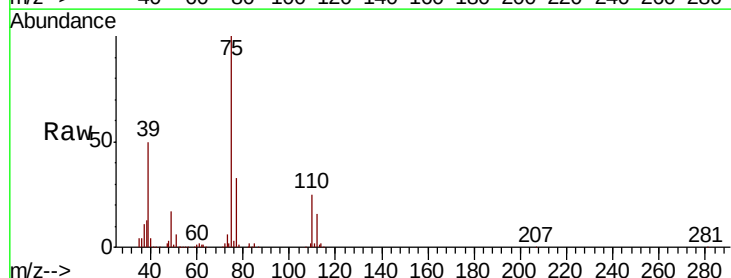
Tgt Ion: 75 Resp: 348859

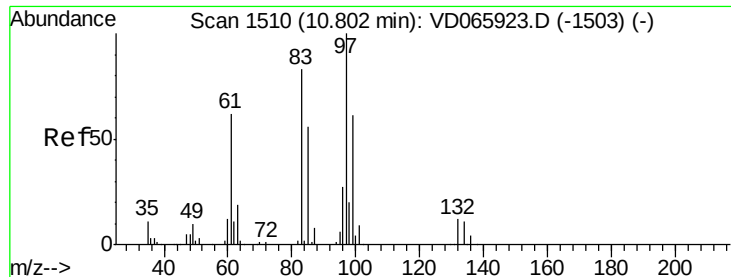
Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

39 49.5 39.6 59.4

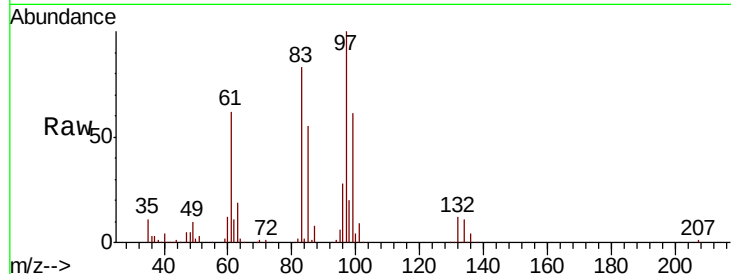




#55
 1,1,2-Trichloroethane
 Concen: 49.163 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.9	100.3
85	55.6	44.5	66.7
99	61.5	49.2	73.8



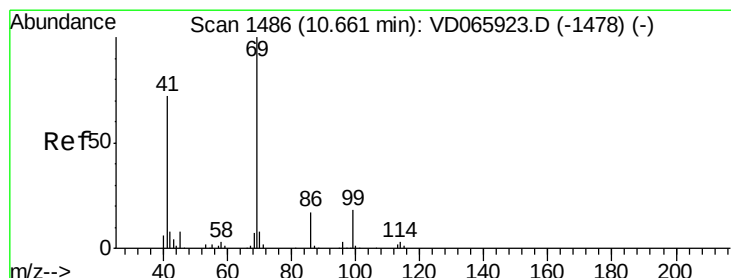
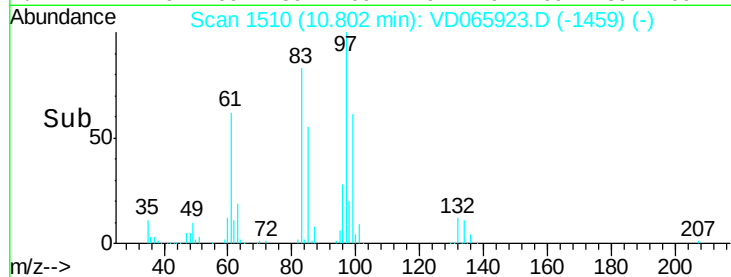
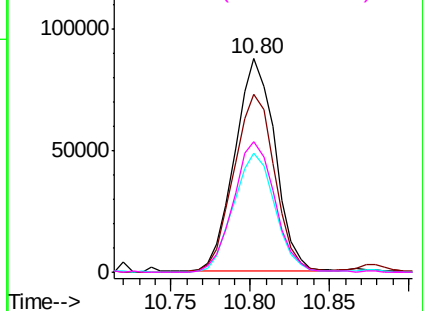
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

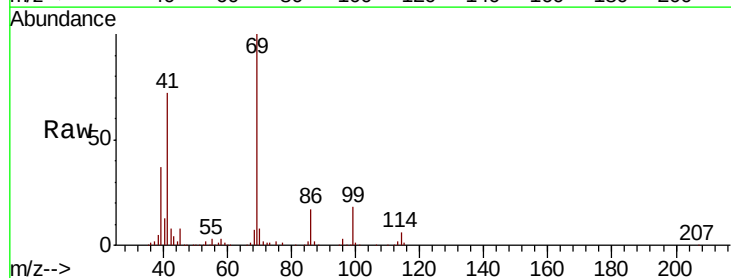
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 51.295 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.5	84.7
39	36.5	29.2	43.8

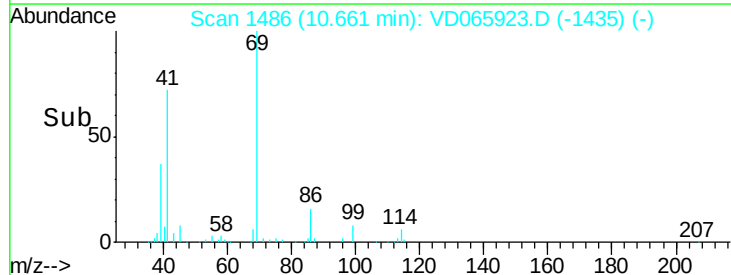
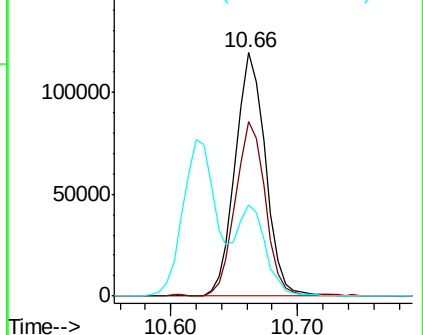


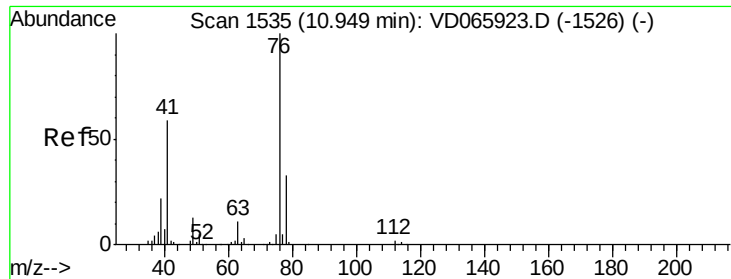
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

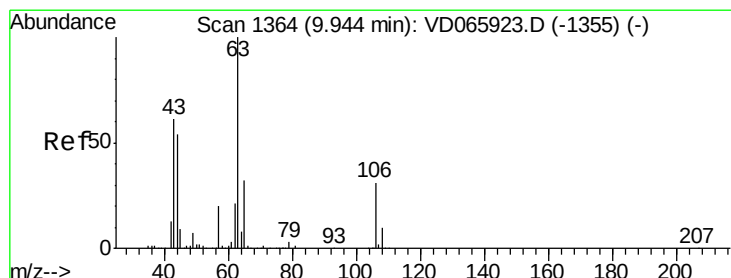
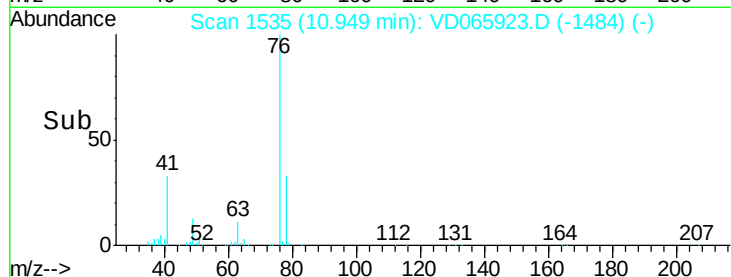
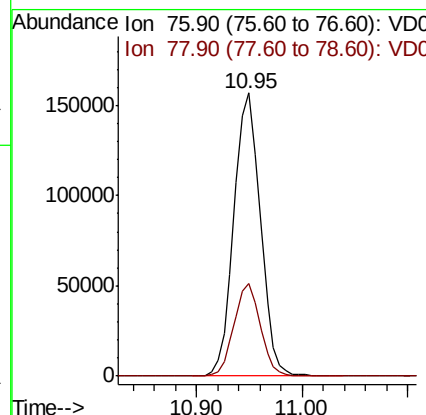
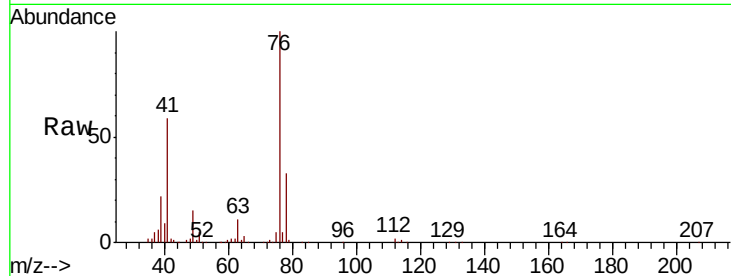




#57
 1,3-Dichloropropane
 Concen: 49.458 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

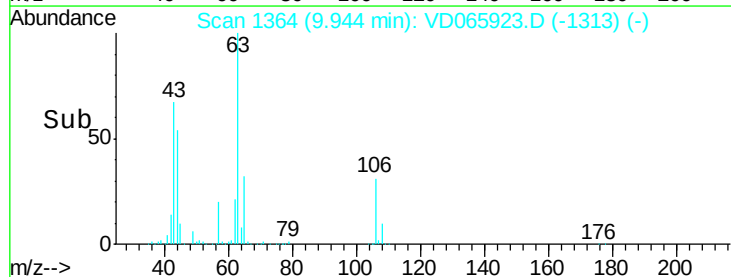
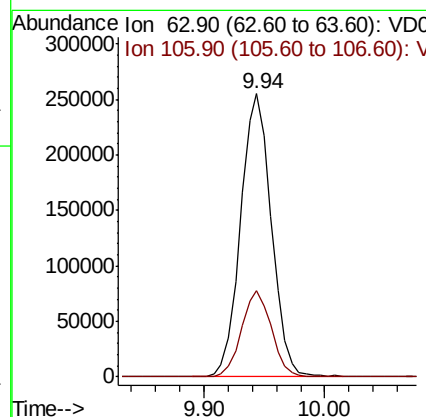
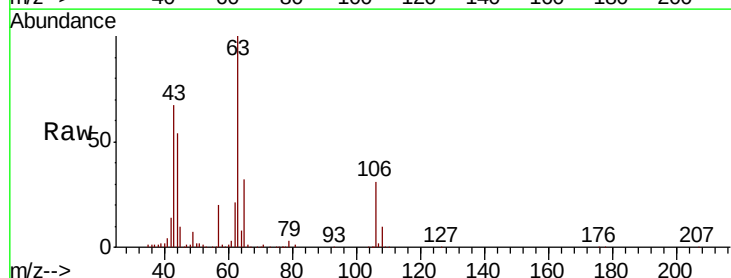
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

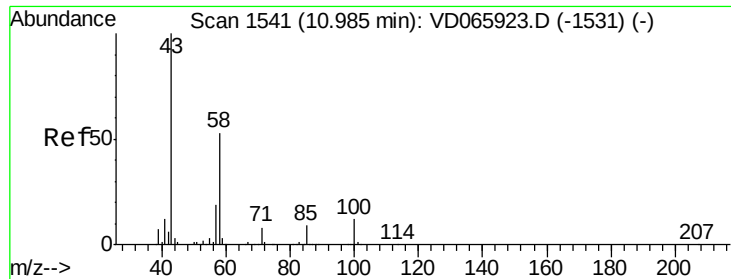
Tot Ion: 76 Resp: 272851
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.986 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion: 63 Resp: 453414
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6

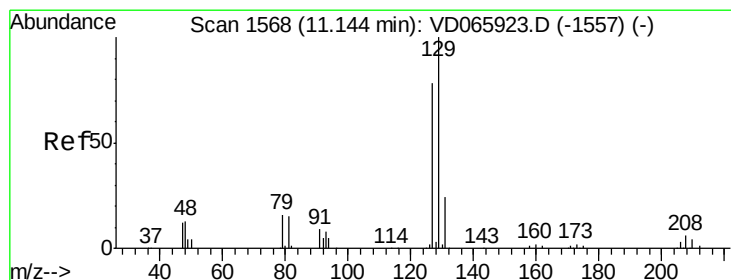
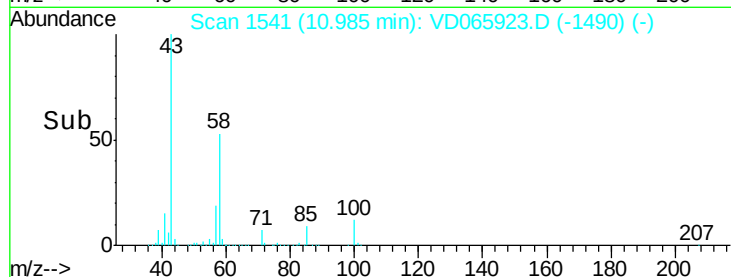
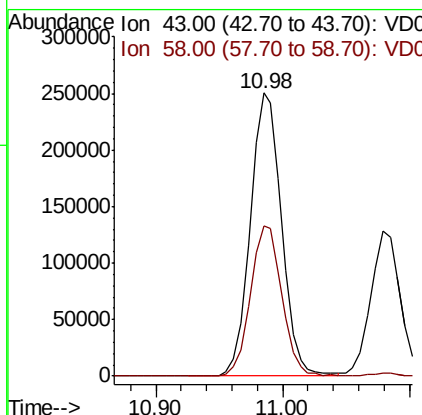
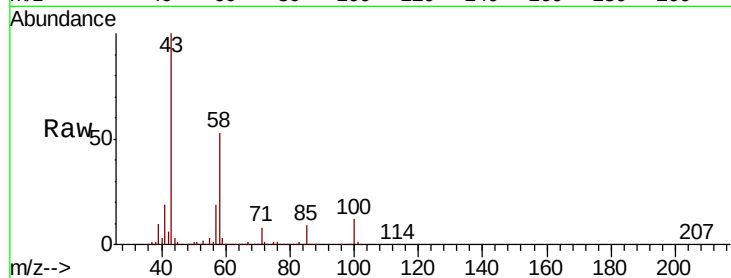




#59
2-Hexanone
Concen: 247.377 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

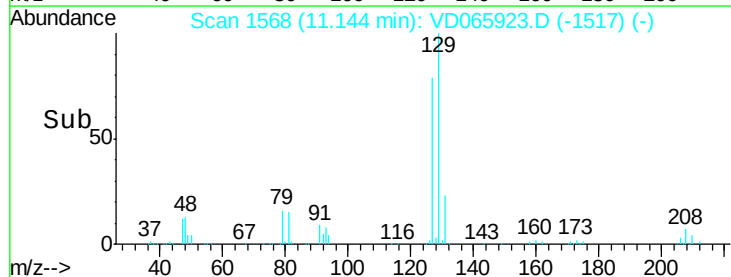
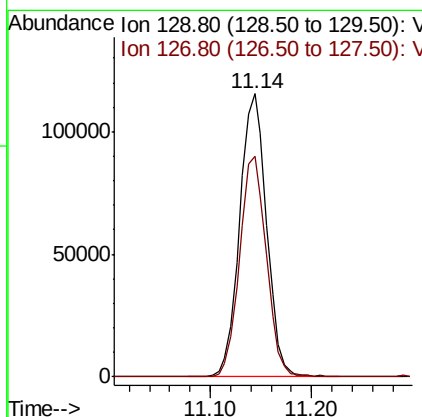
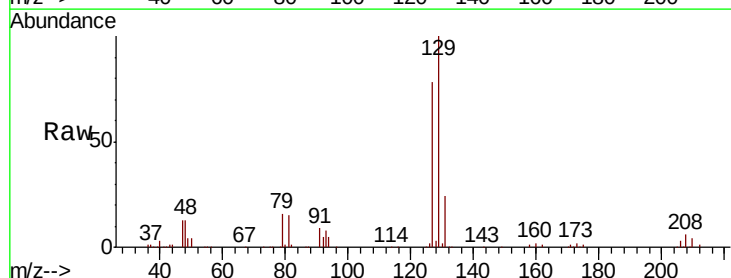
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

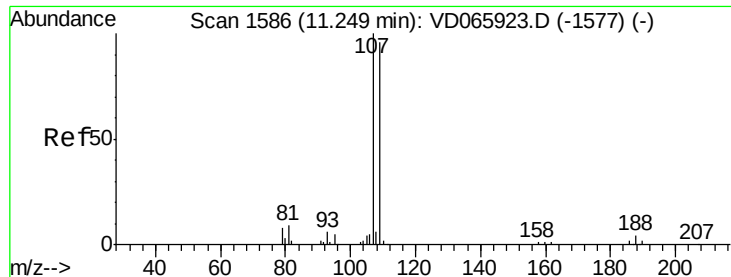
Tot Ion: 43 Resp: 430251
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.8



#60
Dibromochloromethane
Concen: 49.224 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 129 Resp: 212156
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

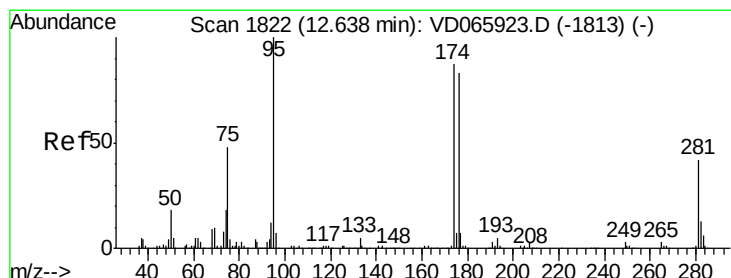
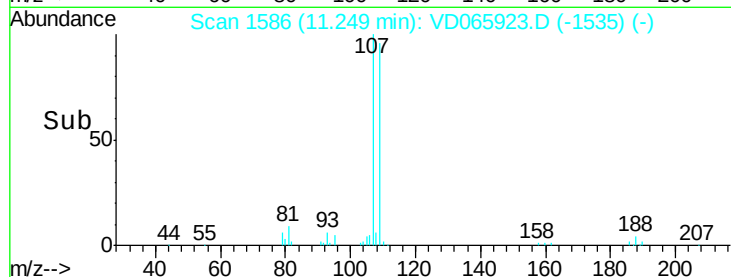
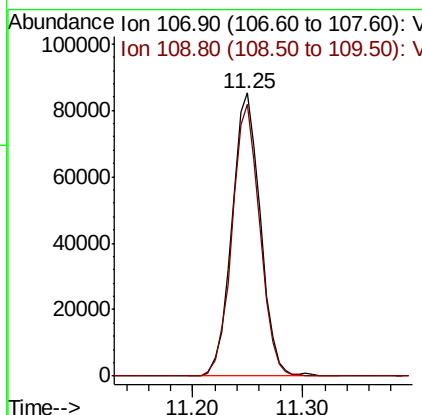
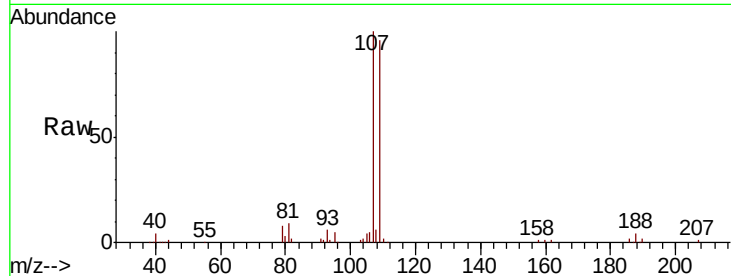




#61
 1,2-Dibromoethane
 Concen: 48.889 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

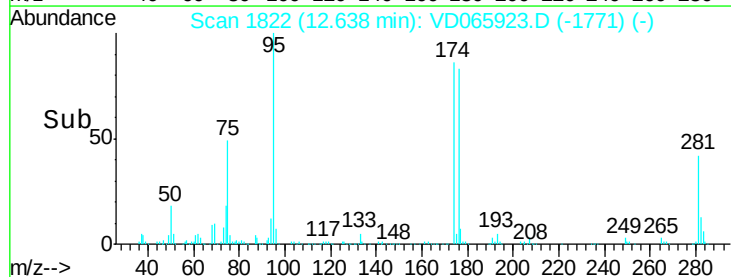
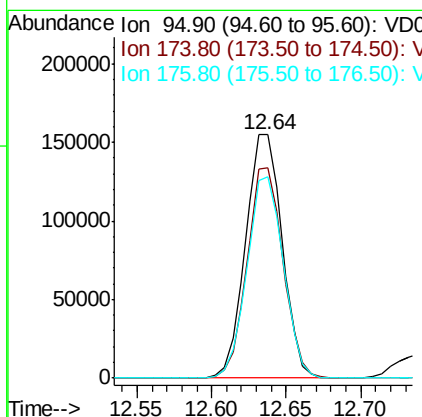
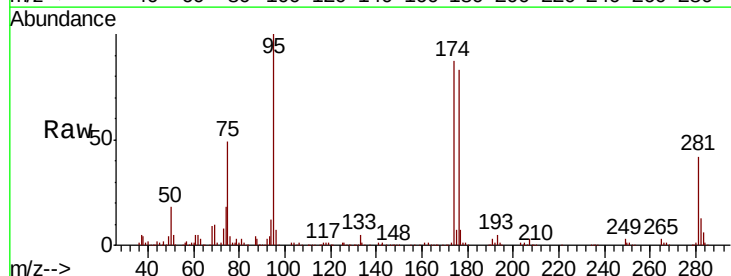
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

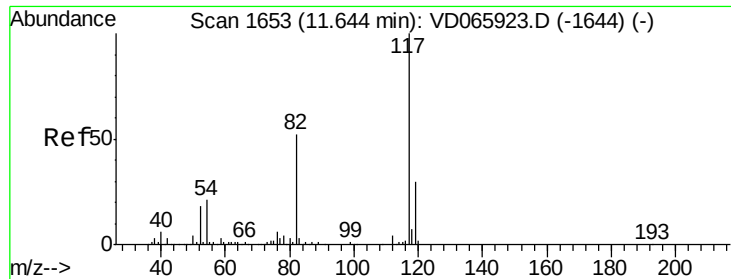
Tot Ion:107 Resp: 153767
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.348 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion: 95 Resp: 262758
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 169.4
 176 82.0 0.0 164.0

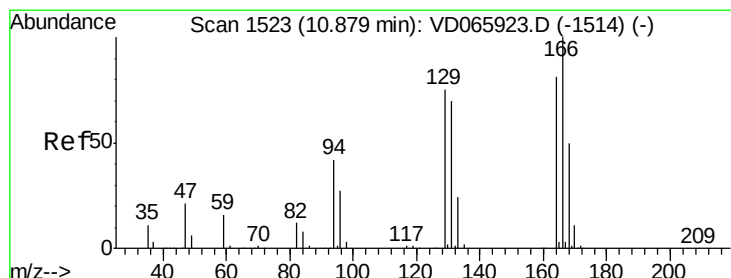
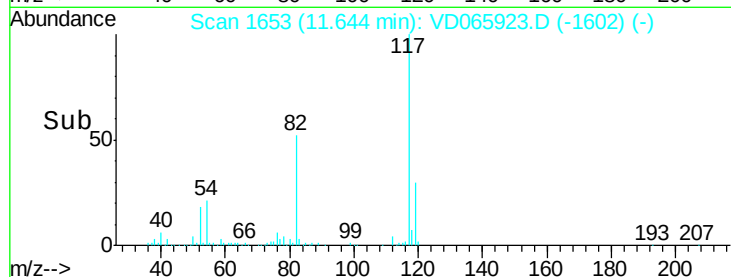
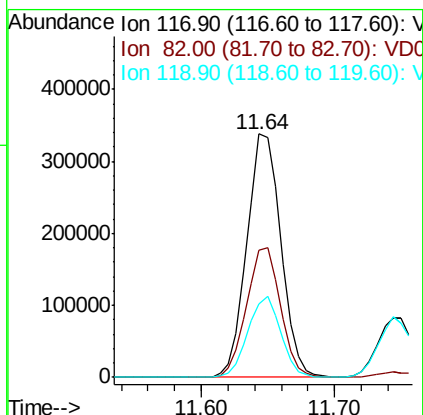
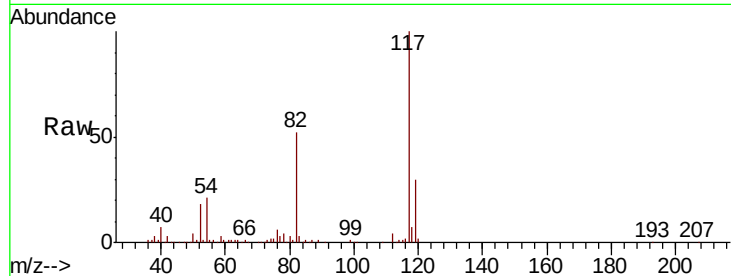




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

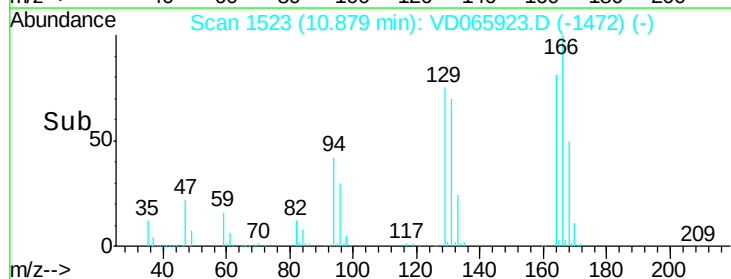
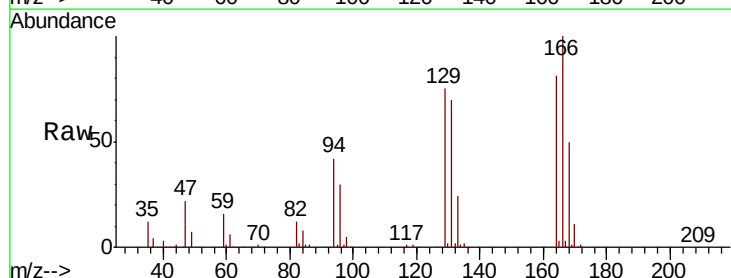
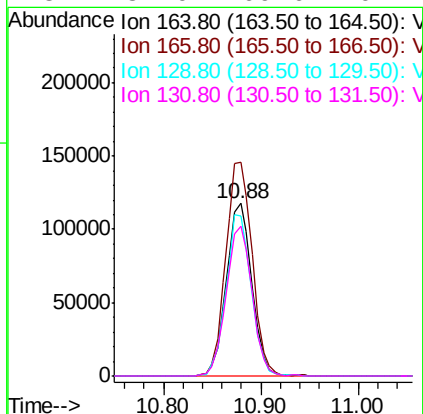
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

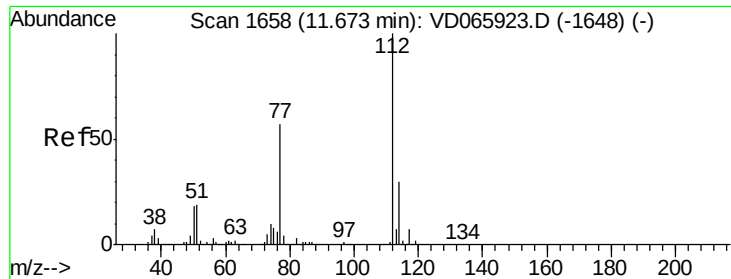
Tot Ion:117 Resp: 595714
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 30.4 24.3 36.5



#64
Tetrachloroethene
Concen: 49.232 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion:164 Resp: 213284
Ion Ratio Lower Upper
164 100
166 123.7 99.0 148.4
129 92.4 73.9 110.9
131 87.0 69.6 104.4

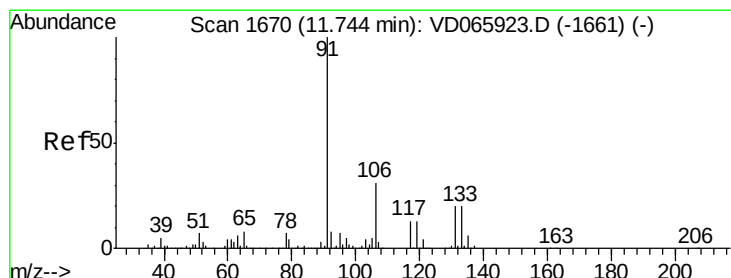
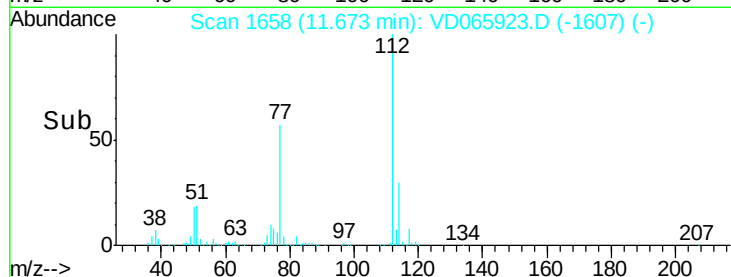
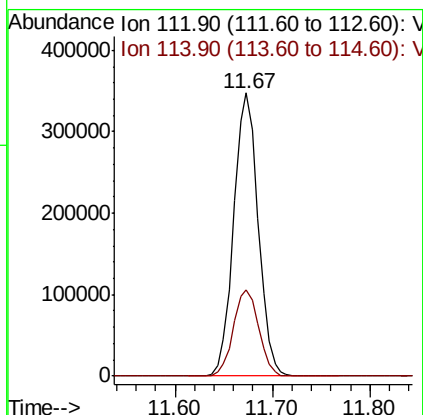
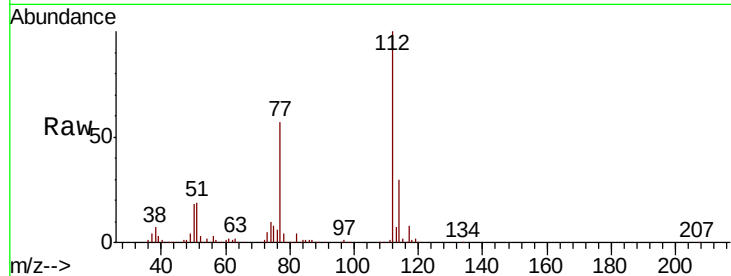




#65
Chlorobenzene
Concen: 50.277 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

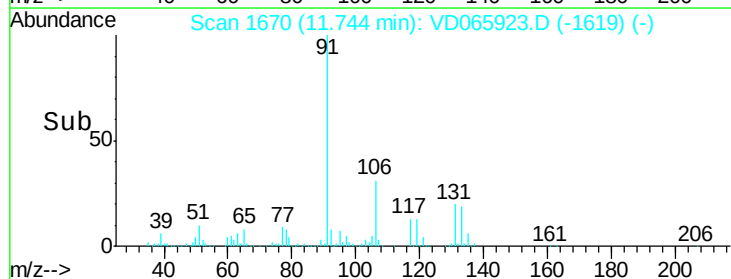
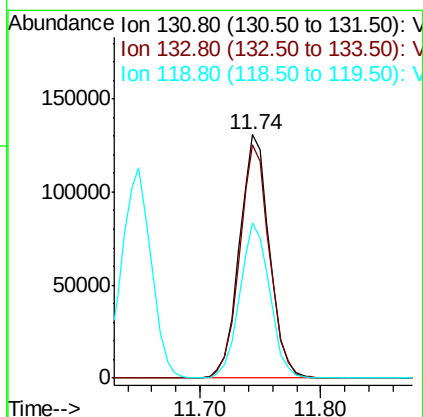
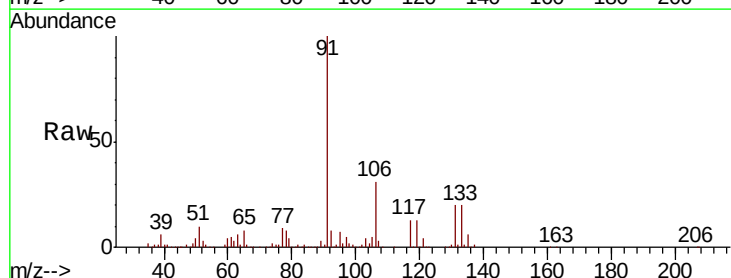
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

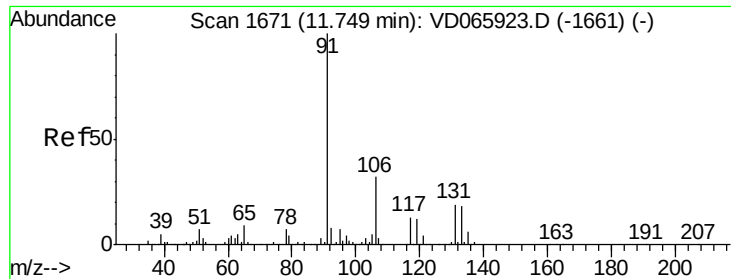
Tot Ion:112 Resp: 603571
Ion Ratio Lower Upper
112 100
114 30.3 24.2 36.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.194 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion:131 Resp: 225377
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.9 31.9 95.9

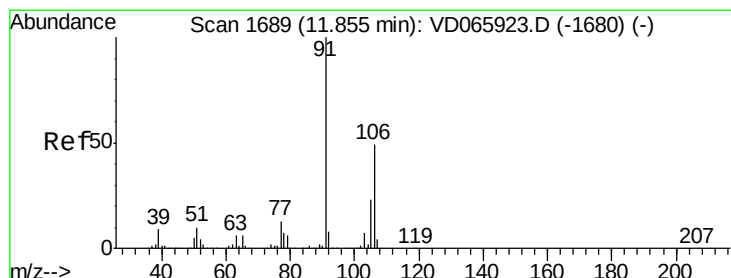
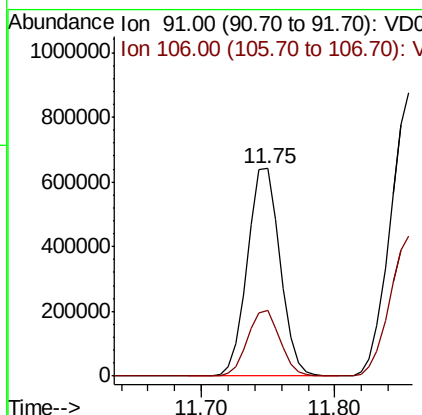
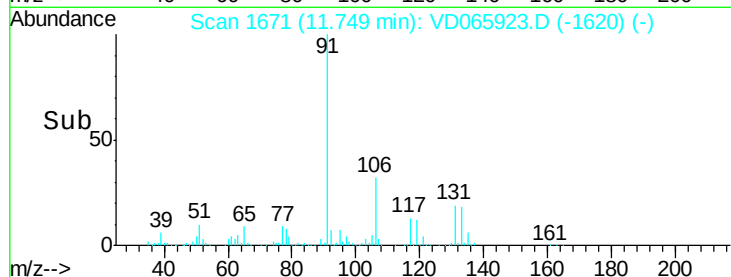
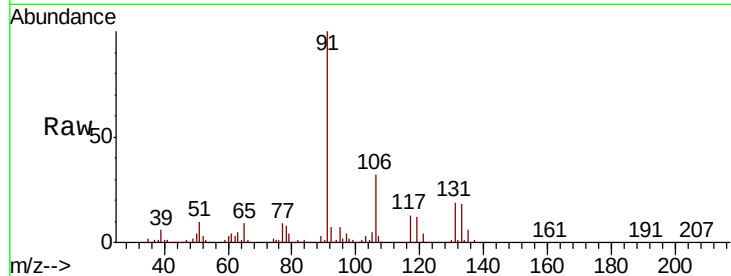




#67
Ethyl Benzene
Concen: 50.873 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

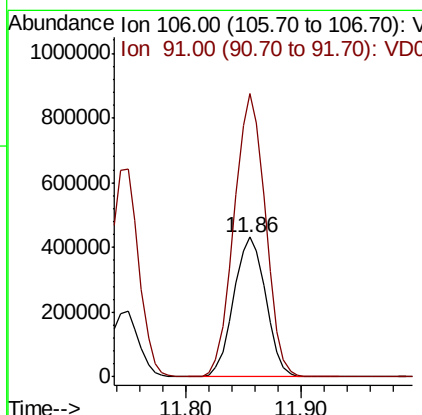
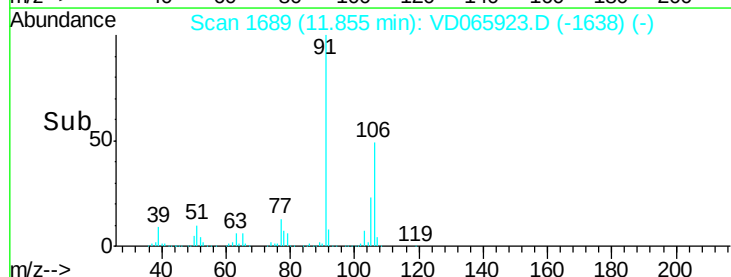
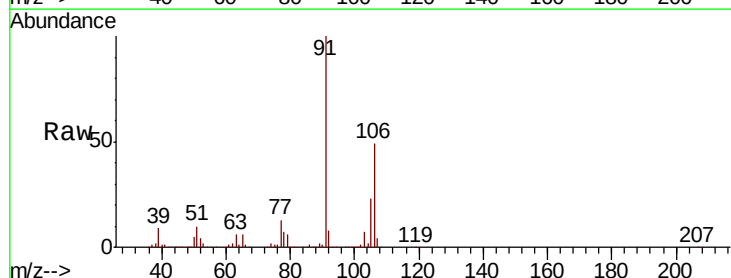
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

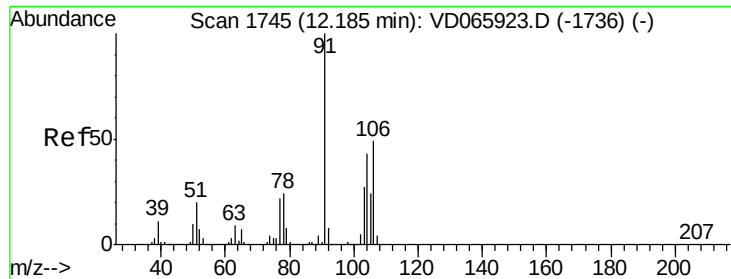
Tot Ion: 91 Resp: 1084955
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 102.712 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 106 Resp: 832239
Ion Ratio Lower Upper
106 100
91 197.7 158.2 237.2

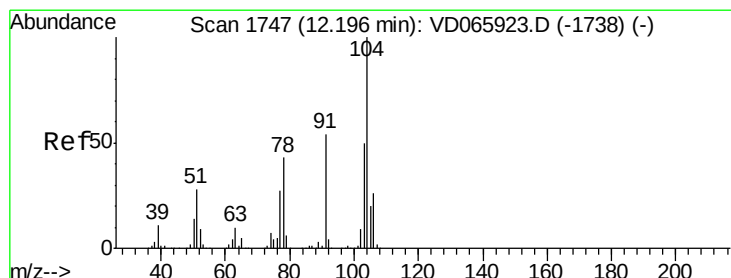
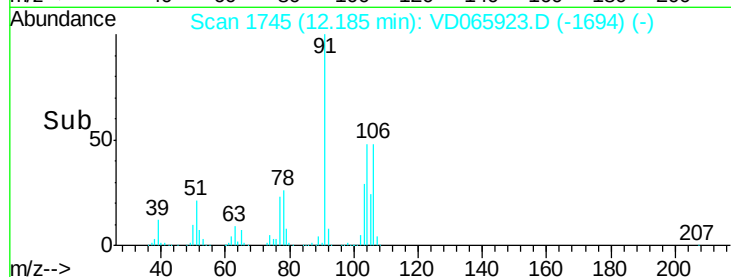
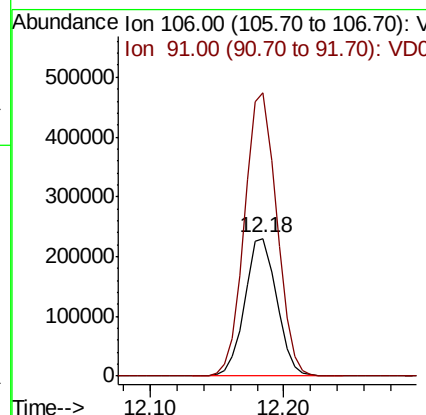
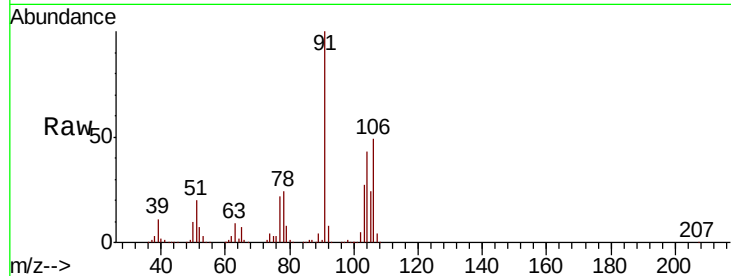




#69
o-Xylene
Concen: 51.594 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

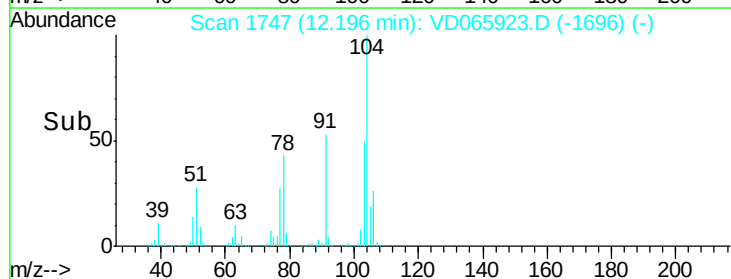
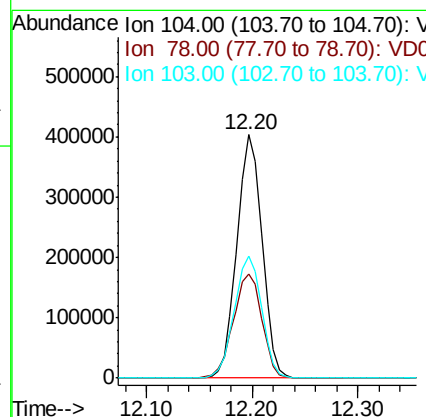
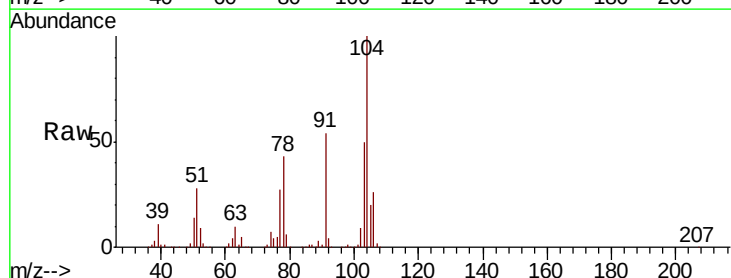
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

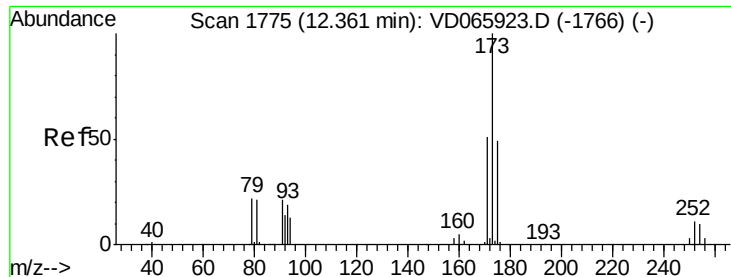
Tot Ion:106 Resp: 380815
Ion Ratio Lower Upper
106 100
91 208.1 104.1 312.2



#70
Styrene
Concen: 52.108 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion:104 Resp: 663939
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 54.5 43.6 65.4





#71

Bromoform

Concen: 48.838 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

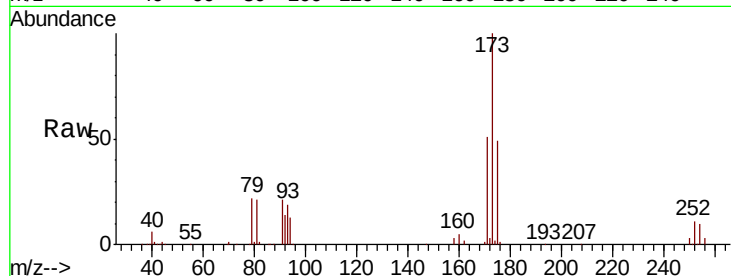
Tot Ion:173 Resp: 124084

Ion Ratio Lower Upper

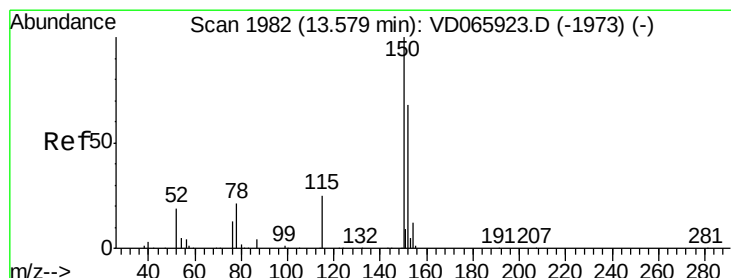
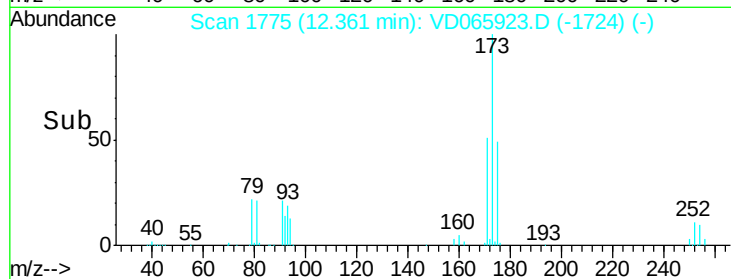
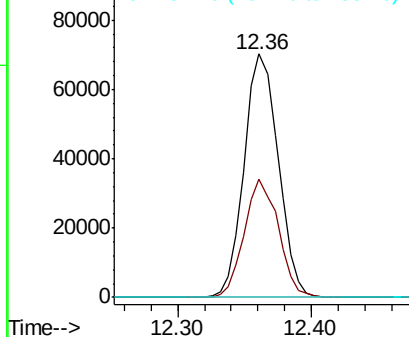
173 100

175 48.4 24.2 72.6

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

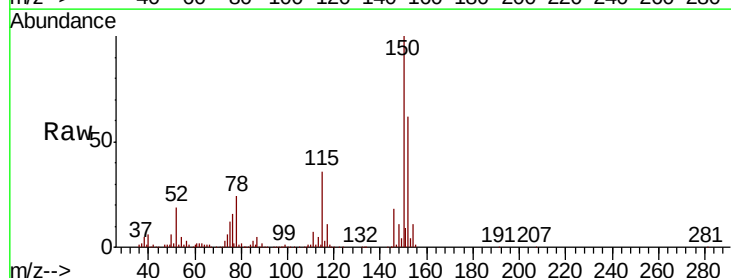
Tgt Ion:152 Resp: 294553

Ion Ratio Lower Upper

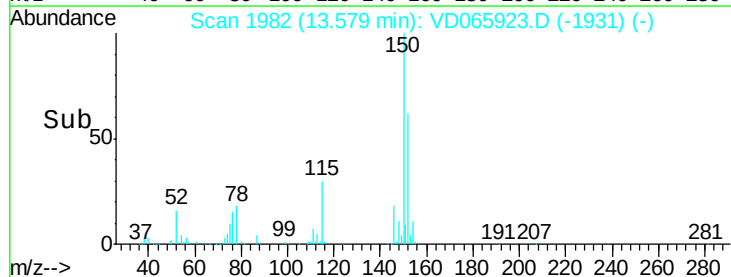
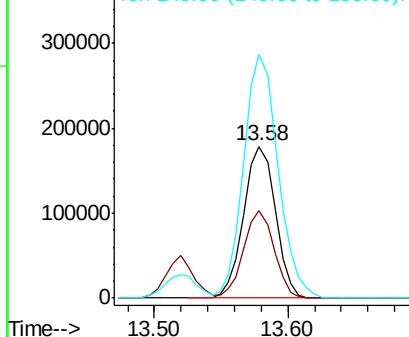
152 100

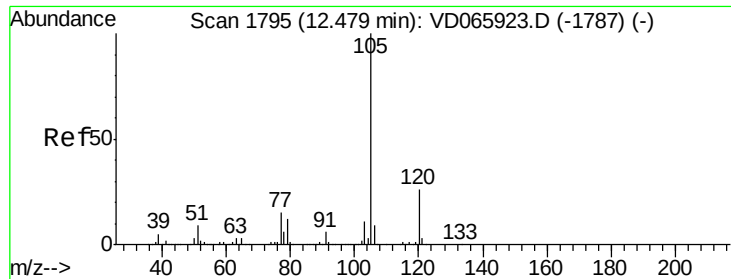
115 55.5 27.8 83.3

150 173.6 0.0 347.2



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

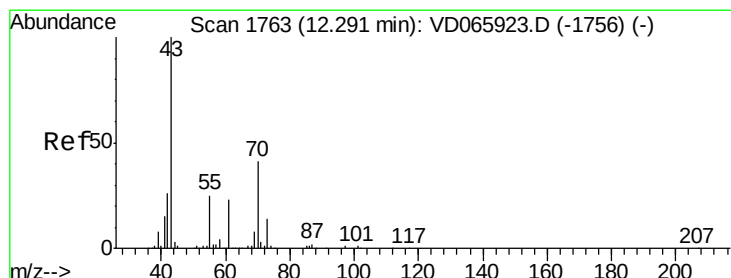
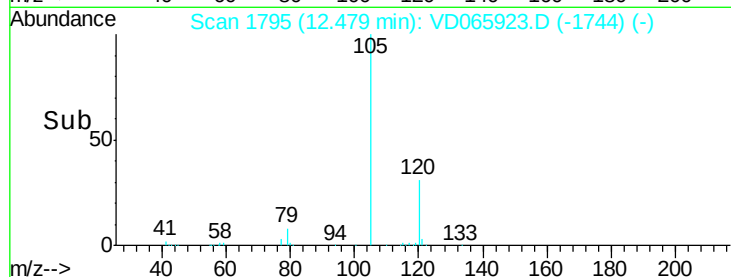
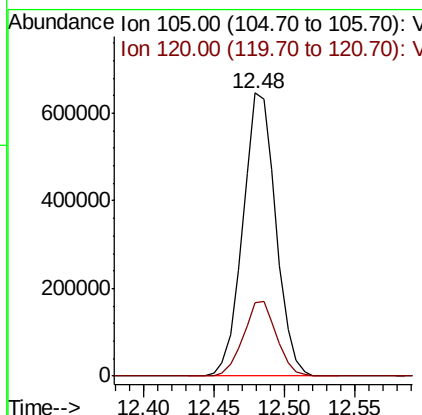
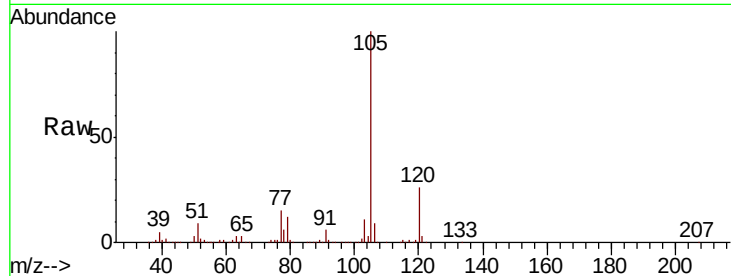




#73
Isopropylbenzene
Concen: 51.308 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

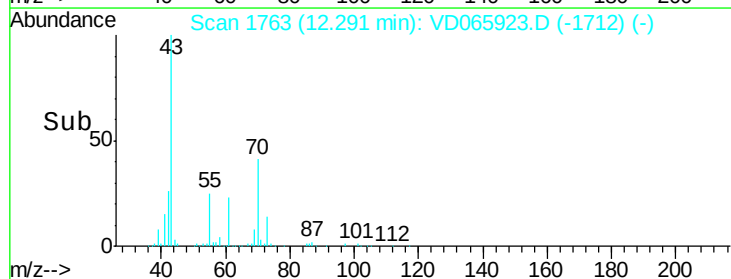
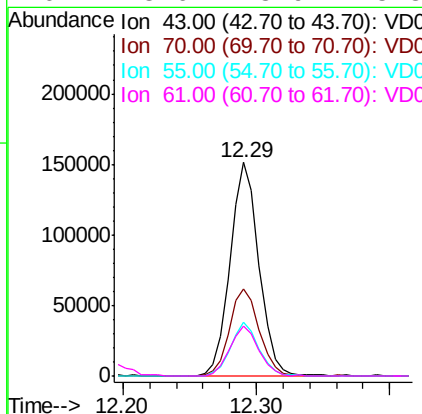
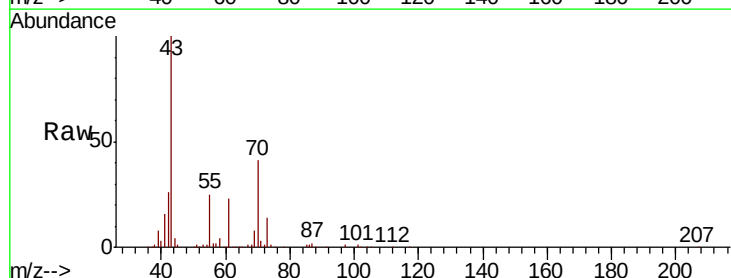
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

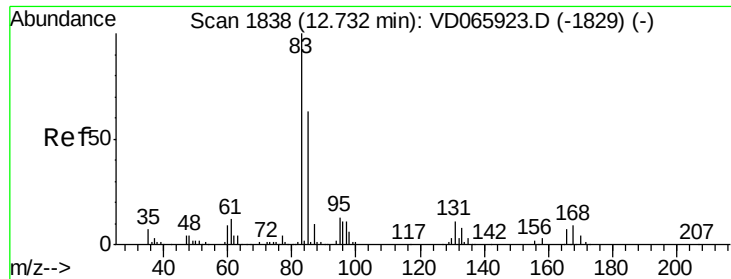
Tot Ion:105 Resp: 1054745
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 49.343 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 43 Resp: 227614
Ion Ratio Lower Upper
43 100
70 42.0 33.6 50.4
55 25.1 20.1 30.1
61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.825 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

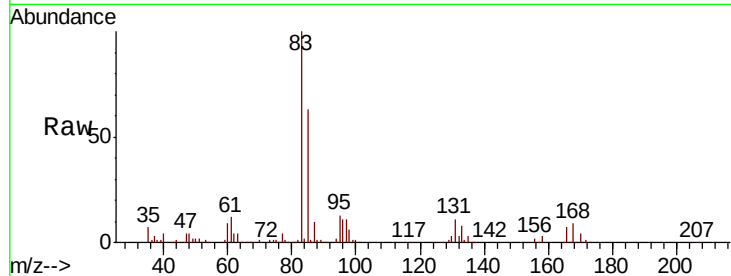
Tot Ion: 83 Resp: 166634

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

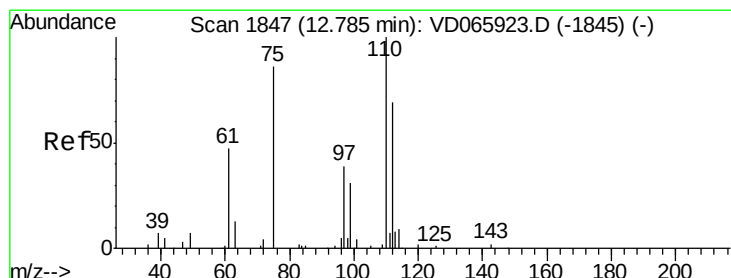
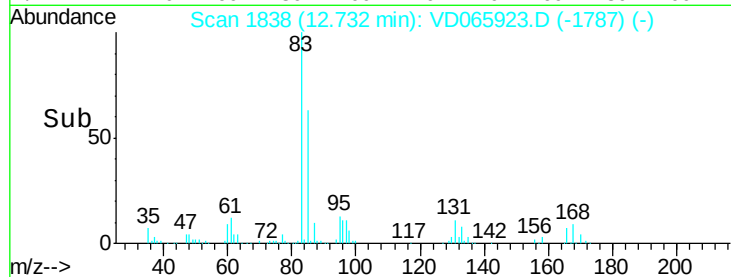
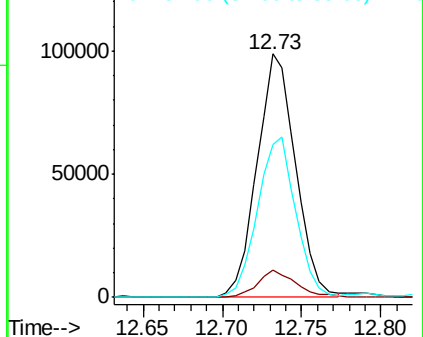
85 65.3 32.6 98.0



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: 89.578 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD065923.D

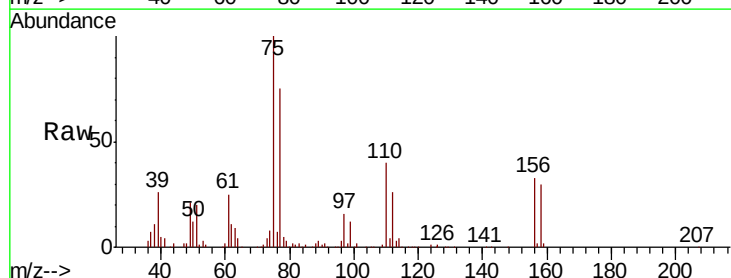
Acq: 07 Jul 2020 15:01

Tgt Ion: 75 Resp: 220435

Ion Ratio Lower Upper

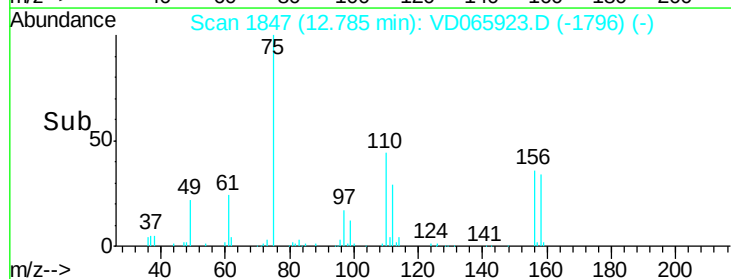
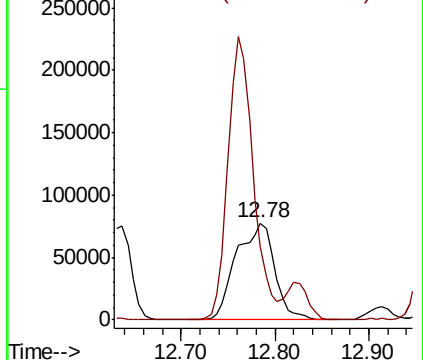
75 100

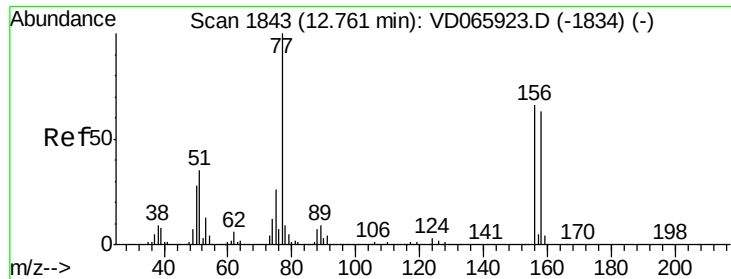
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.097 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

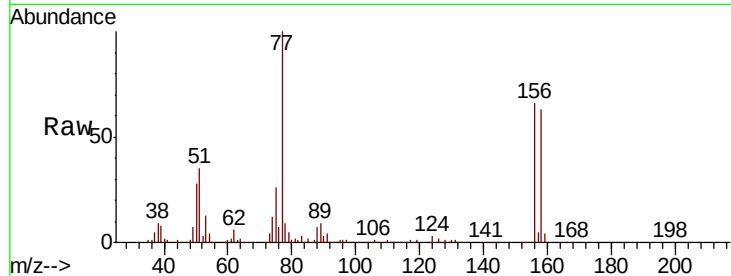
Tot Ion:156 Resp: 249780

Ion Ratio Lower Upper

156 100

77 170.0 85.0 255.0

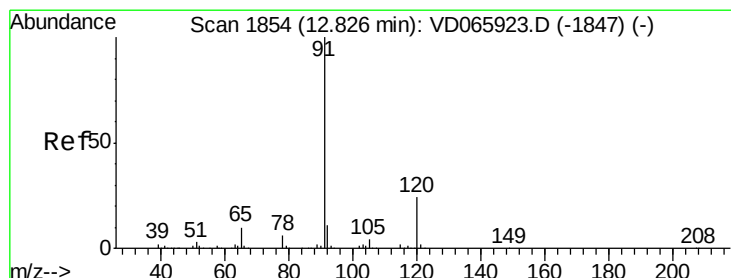
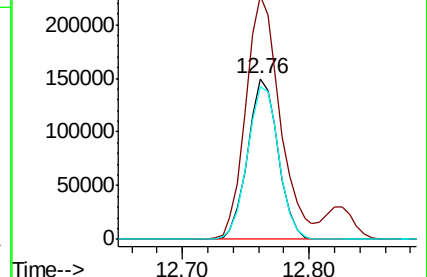
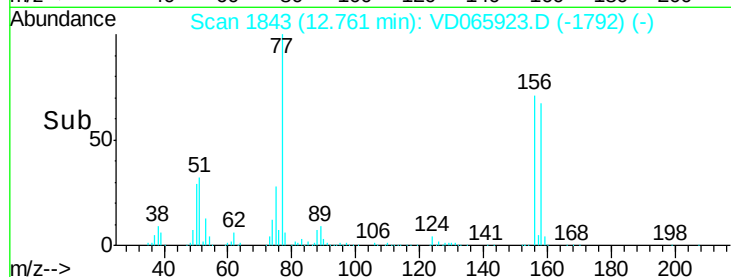
158 98.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.089 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065923.D

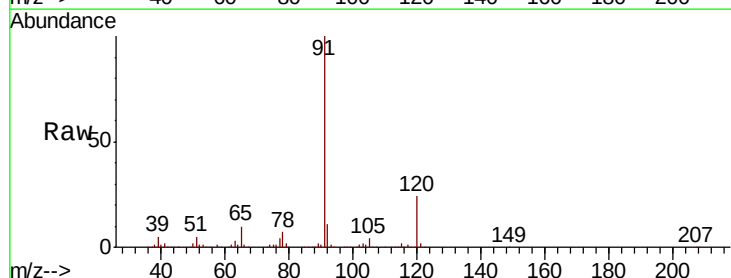
Acq: 07 Jul 2020 15:01

Tgt Ion: 91 Resp: 1231306

Ion Ratio Lower Upper

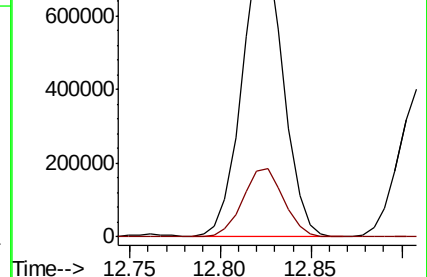
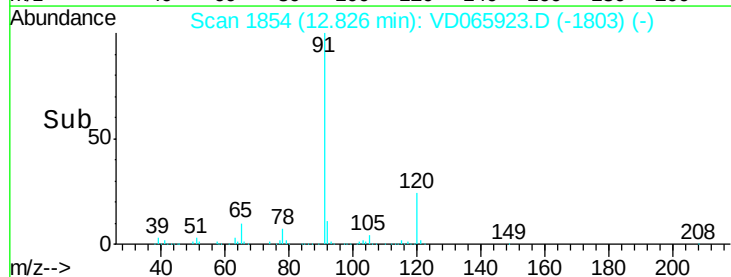
91 100

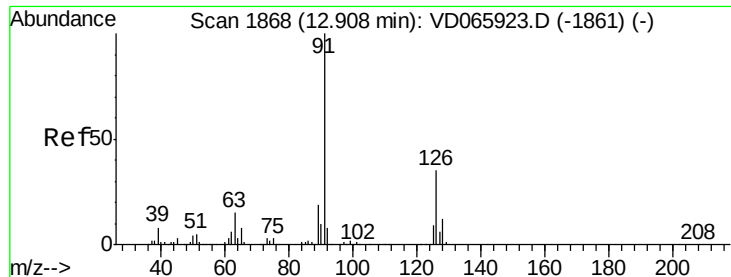
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.107 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

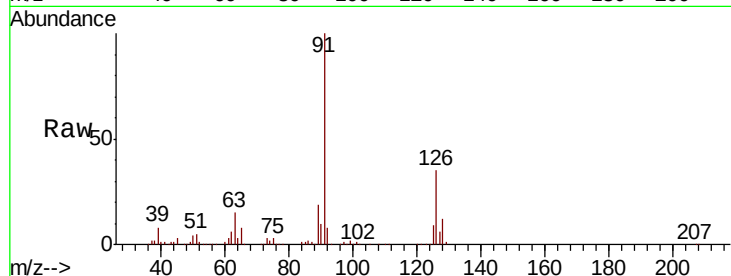
VSTDICCC050

Tot Ion: 91 Resp: 685101

Ion Ratio Lower Upper

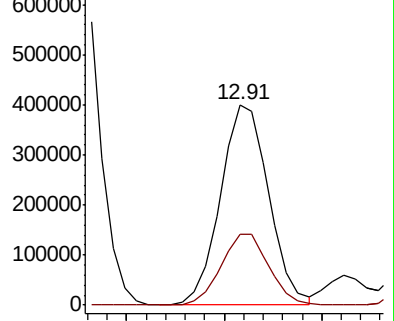
91 100

126 35.2 17.6 52.8

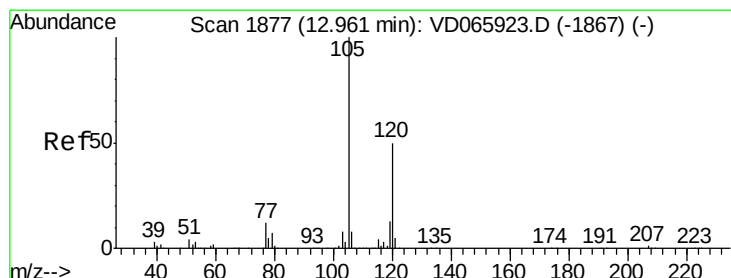
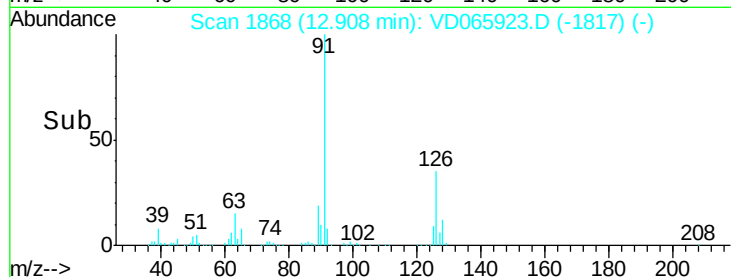


Abundance Ion 91.00 (90.70 to 91.70): VD065923.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD065923.D (-1861) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.089 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065923.D

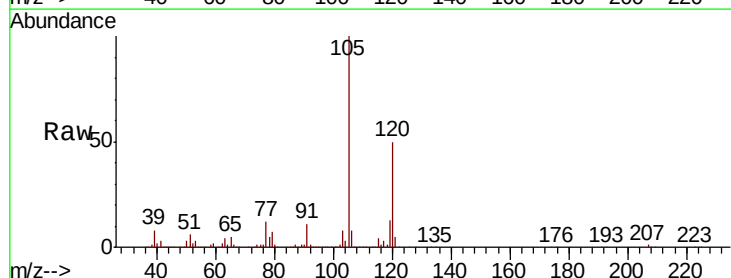
Acq: 07 Jul 2020 15:01

Tgt Ion:105 Resp: 859020

Ion Ratio Lower Upper

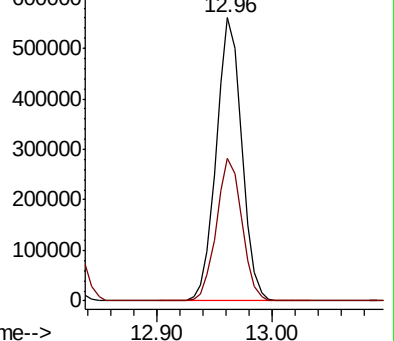
105 100

120 50.4 25.2 75.6

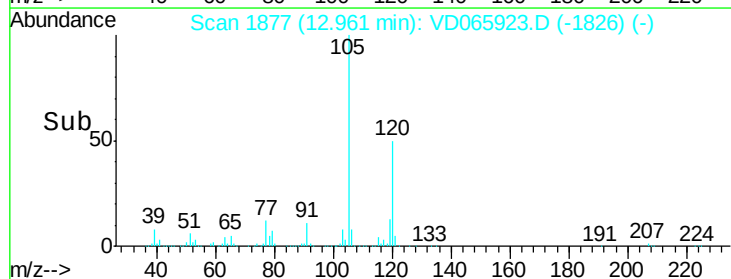


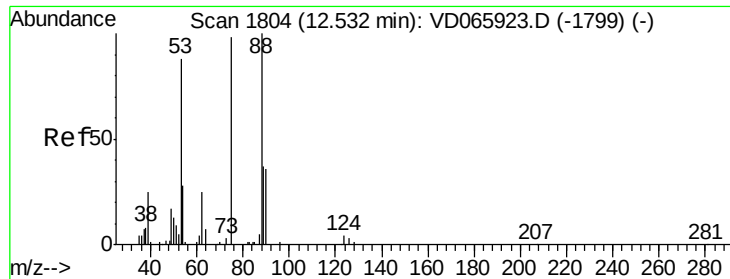
Abundance Ion 105.00 (104.70 to 105.70): VD065923.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD065923.D (-1867) (-)



Time-->

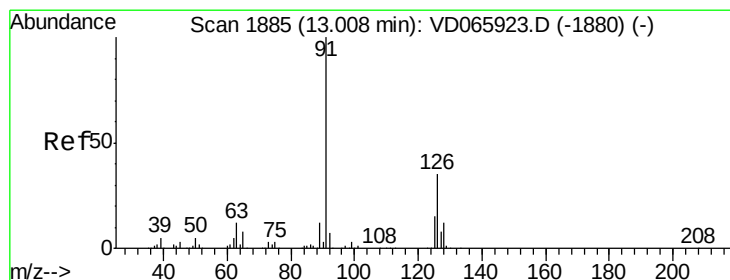
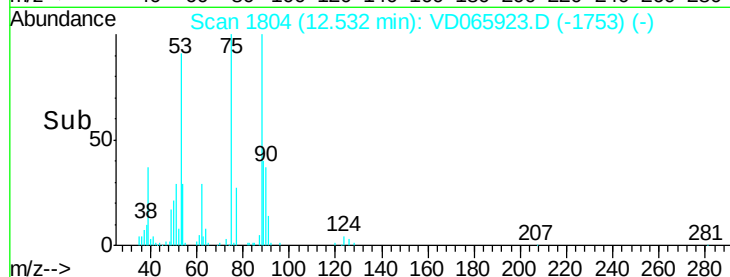
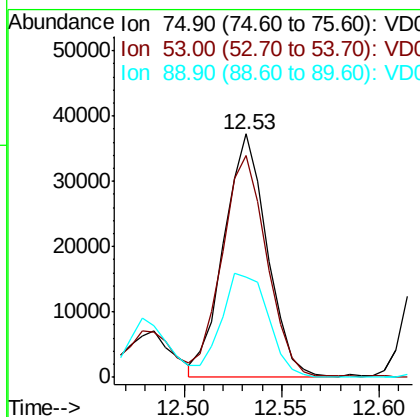
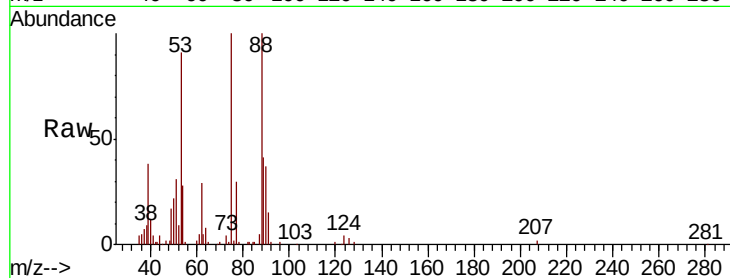




#81
trans-1,4-Dichloro-2-butene
Concen: 49.700 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

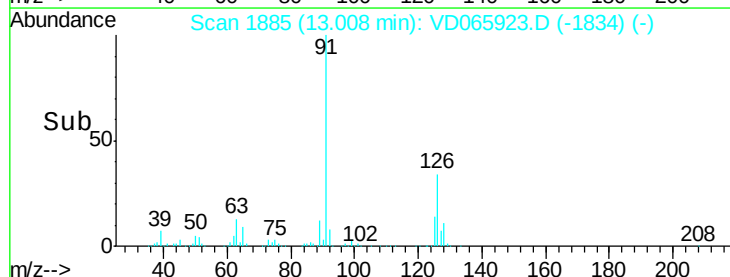
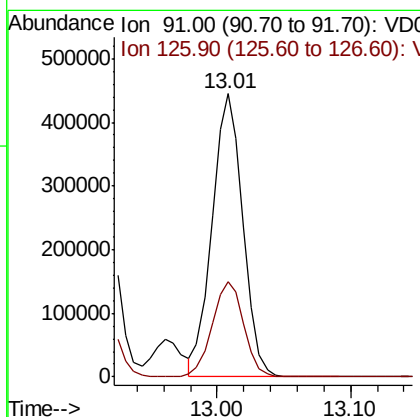
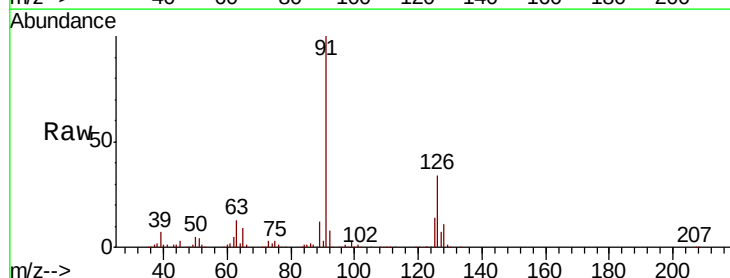
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

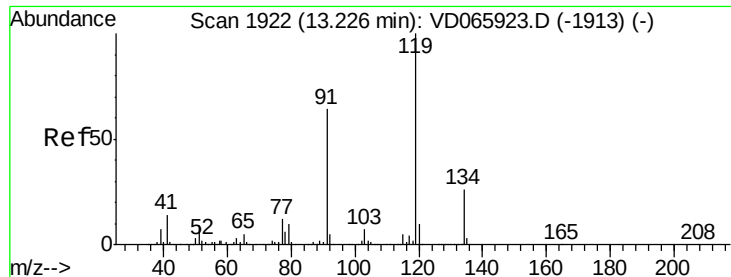
Tot Ion: 75 Resp: 57152
Ion Ratio Lower Upper
75 100
53 94.8 75.8 113.8
89 46.9 37.5 56.3



#82
4-Chlorotoluene
Concen: 50.035 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 91 Resp: 717762
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

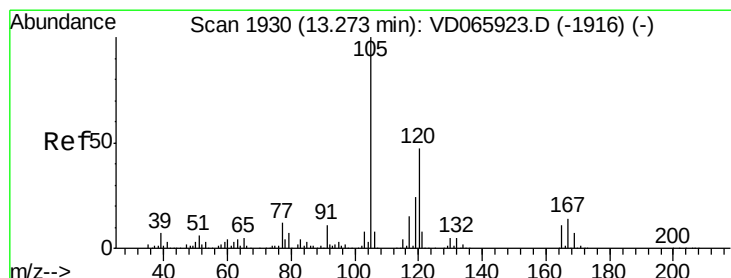
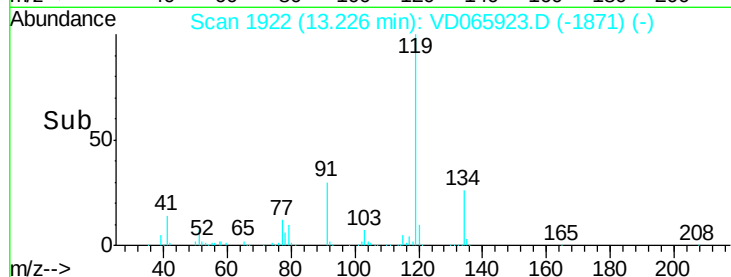
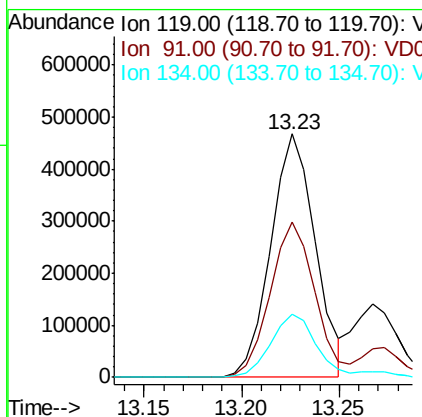
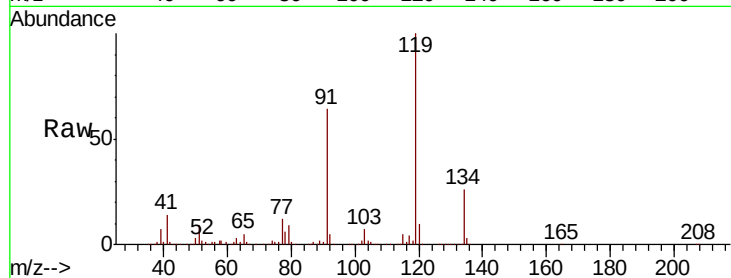




#83
tert-Butylbenzene
Concen: 51.434 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

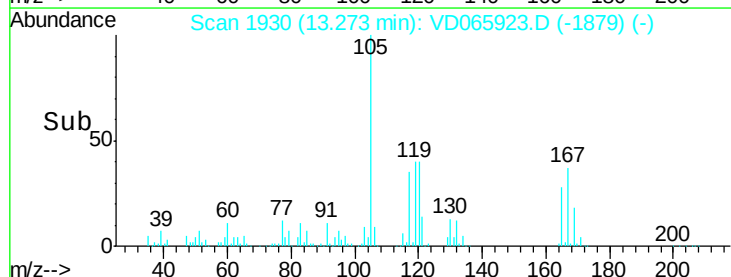
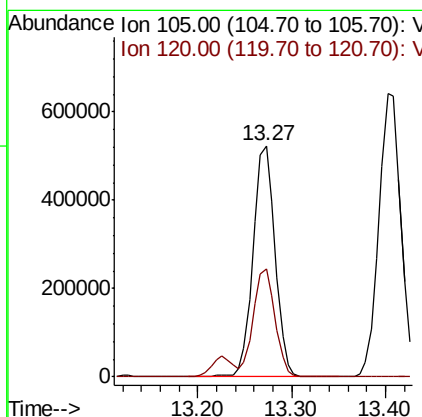
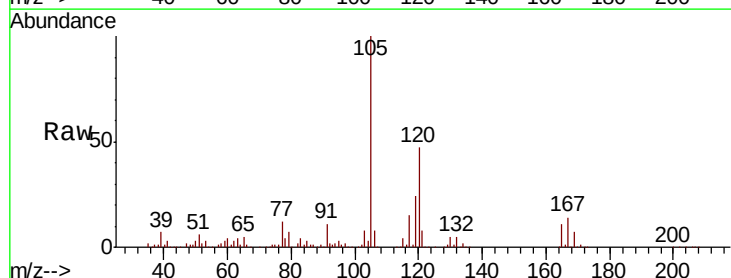
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

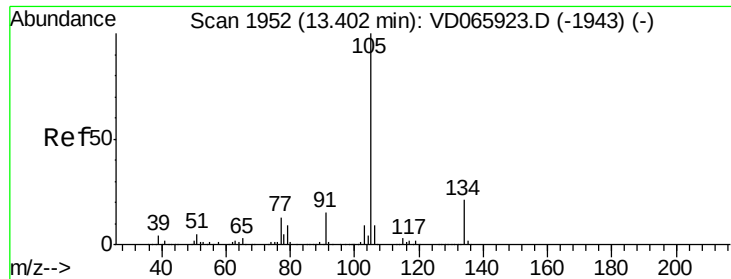
Tot Ion:119 Resp: 736800
Ion Ratio Lower Upper
119 100
91 64.8 32.4 97.2
134 28.3 14.1 42.4



#84
1,2,4-Trimethylbenzene
Concen: 50.765 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion:105 Resp: 849674
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 51.129 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

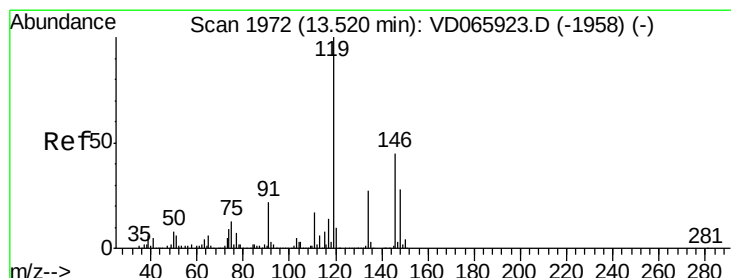
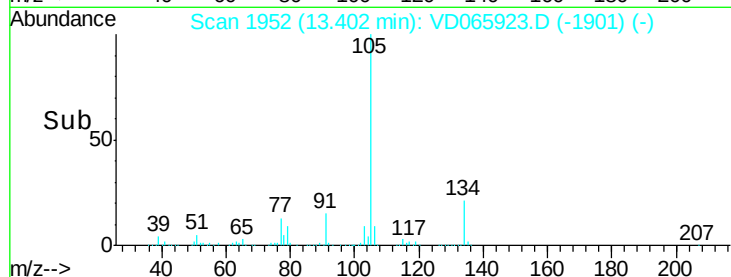
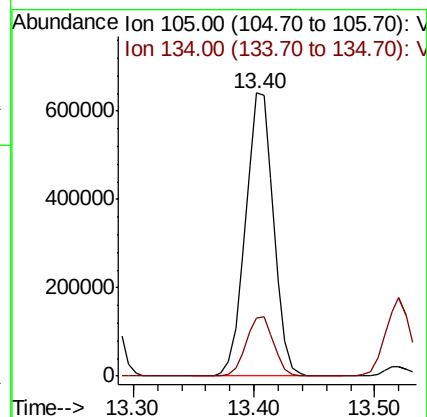
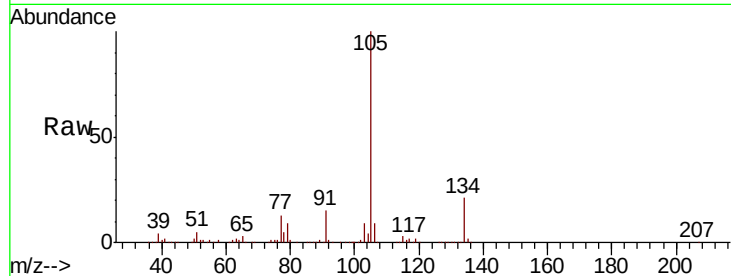
VSTDICCC050

Tot Ion:105 Resp: 1038001

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.698 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

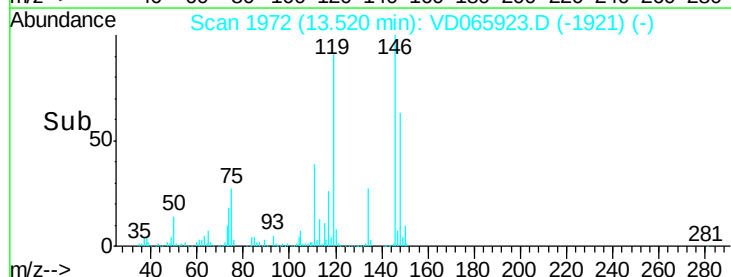
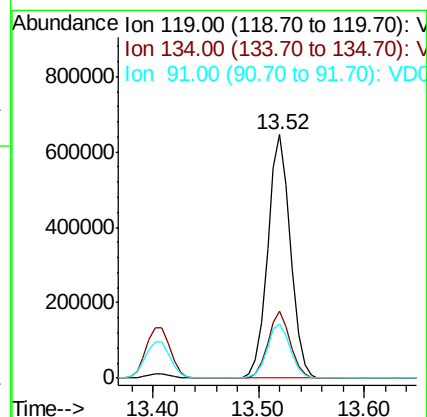
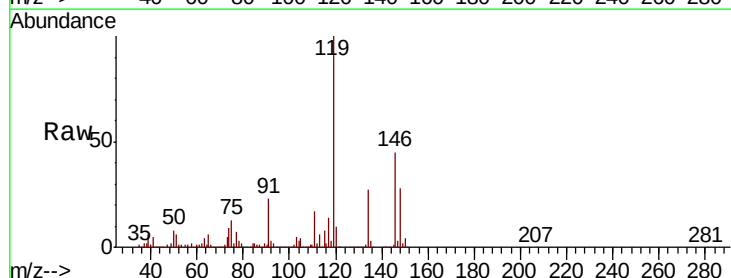
Tgt Ion:119 Resp: 959976

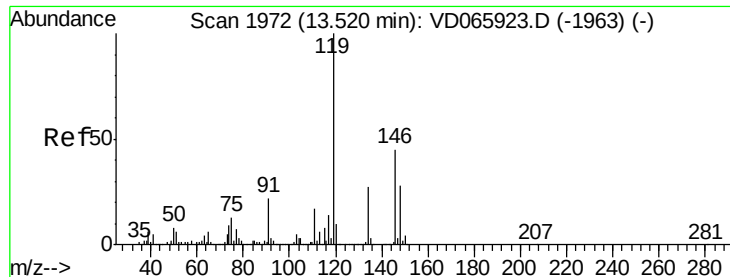
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.5 11.3 33.8

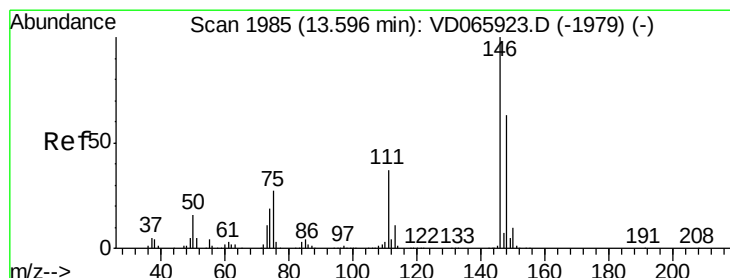
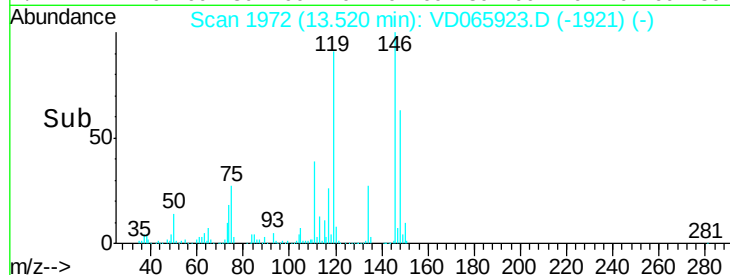
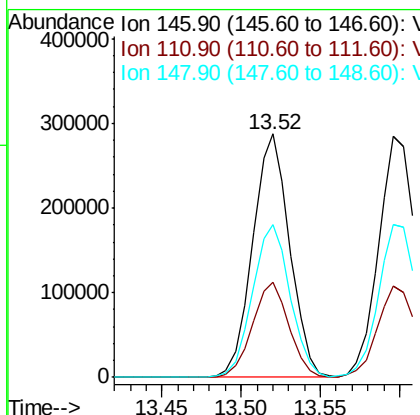
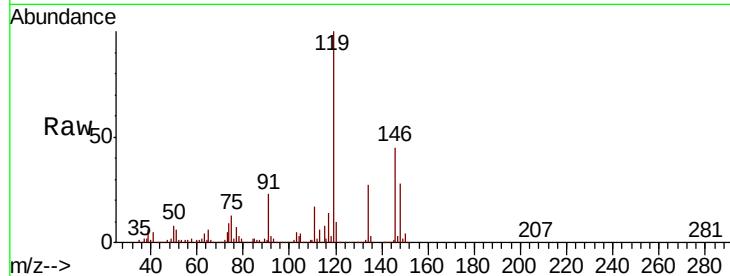




#87
 1,3-Dichlorobenzene
 Concen: 49.932 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

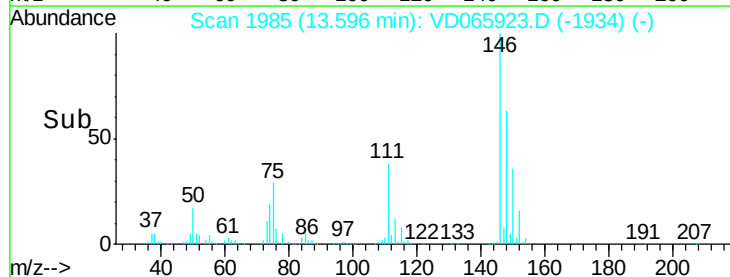
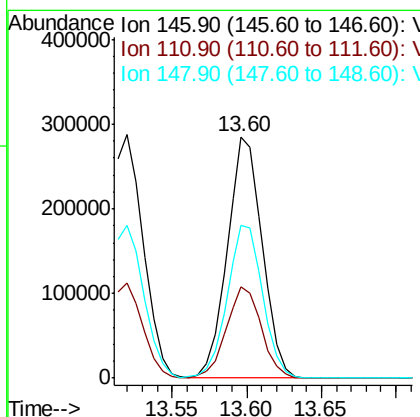
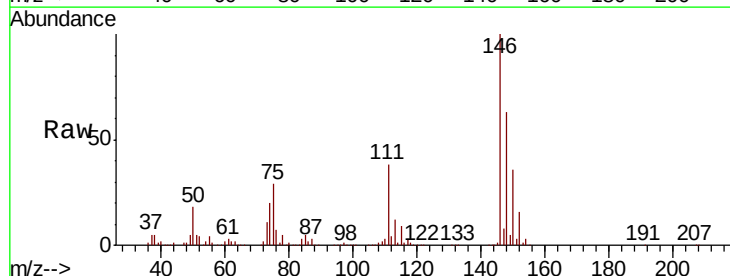
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

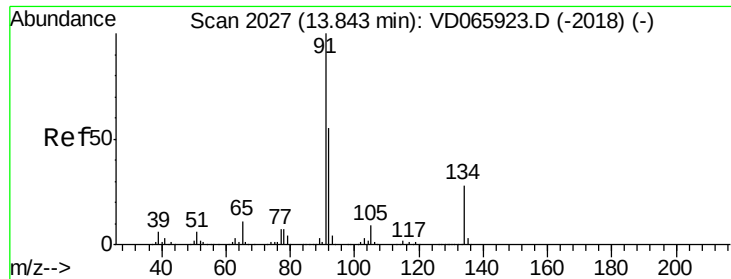
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.028 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.2	32.1	96.3

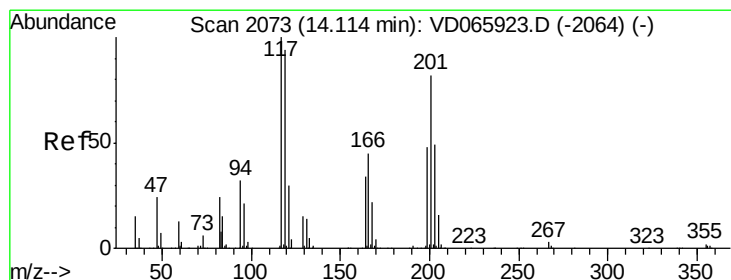
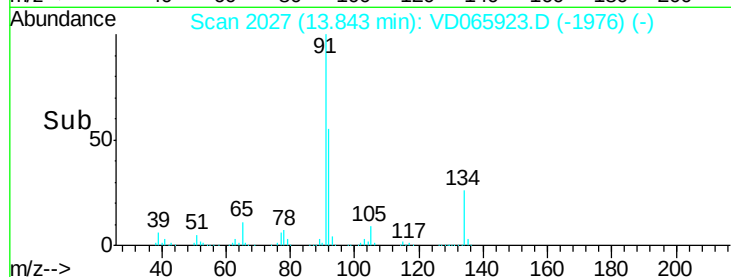
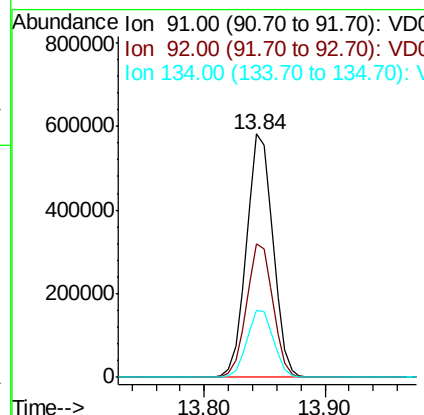
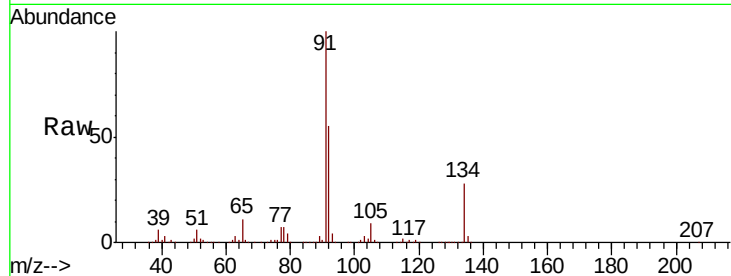




#89
n-Butylbenzene
Concen: 51.306 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

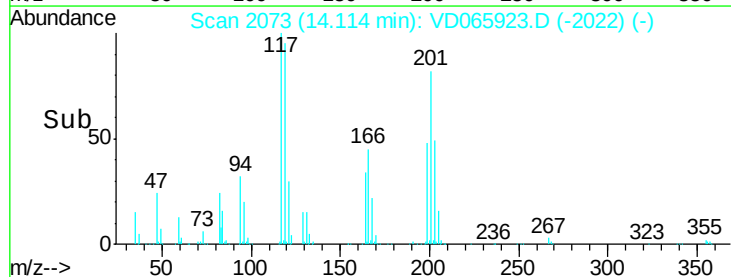
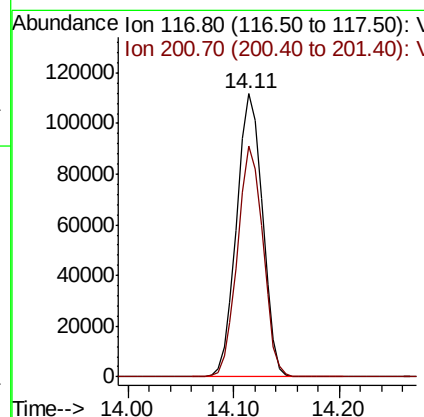
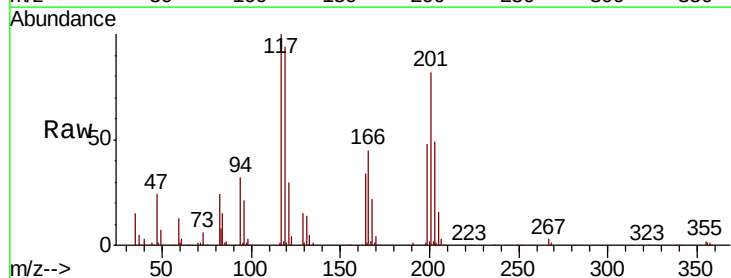
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

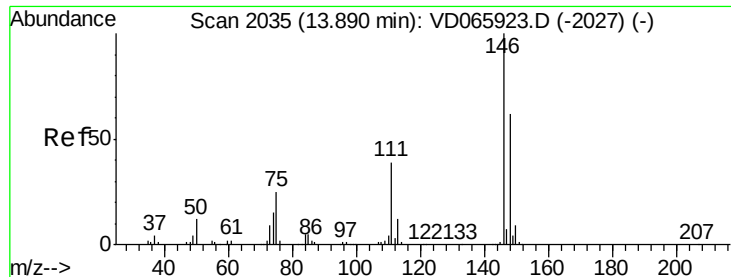
Tot Ion: 91 Resp: 894646
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 27.5 13.8 41.3



#90
Hexachloroethane
Concen: 50.582 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion: 117 Resp: 189406
Ion Ratio Lower Upper
117 100
201 80.0 40.0 120.0

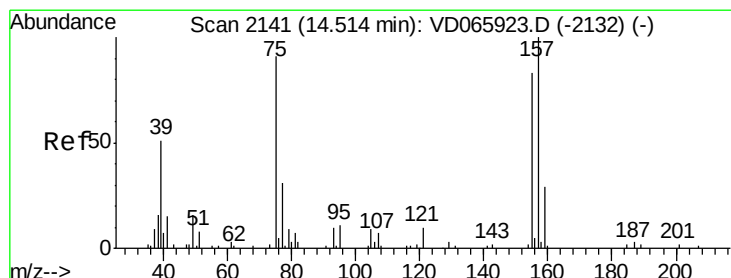
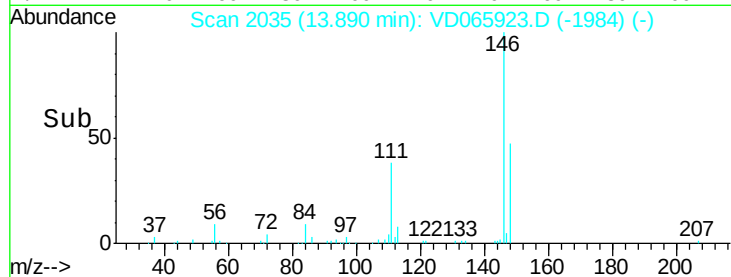
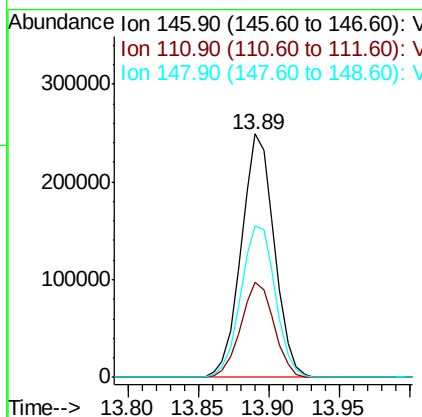
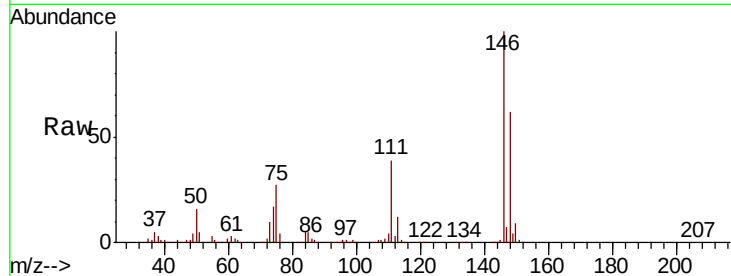




#91
 1,2-Dichlorobenzene
 Concen: 49.909 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

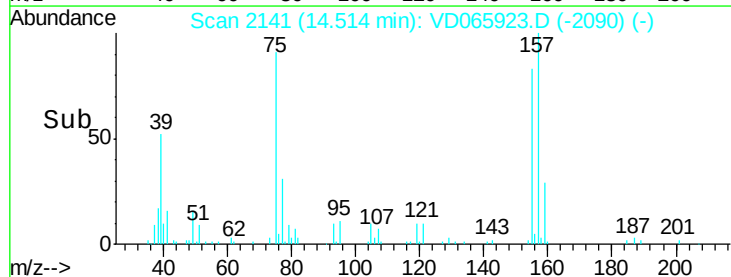
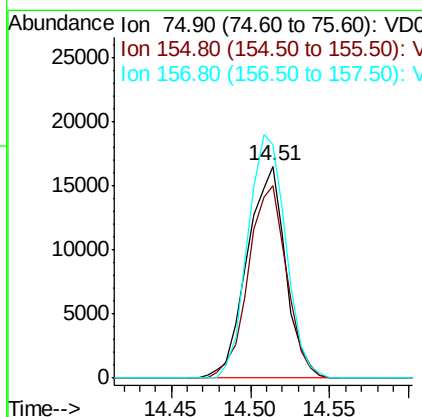
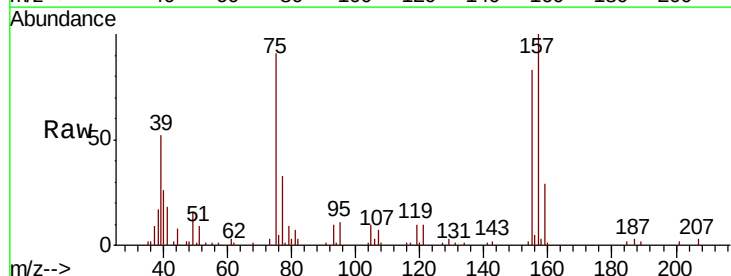
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

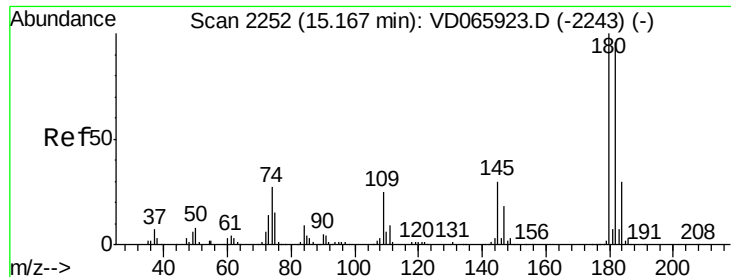
Tot Ion:146 Resp: 406979
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 65.0 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.875 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD065923.D
 Acq: 07 Jul 2020 15:01

Tgt Ion: 75 Resp: 27892
 Ion Ratio Lower Upper
 75 100
 155 90.5 45.3 135.8
 157 113.7 56.9 170.6

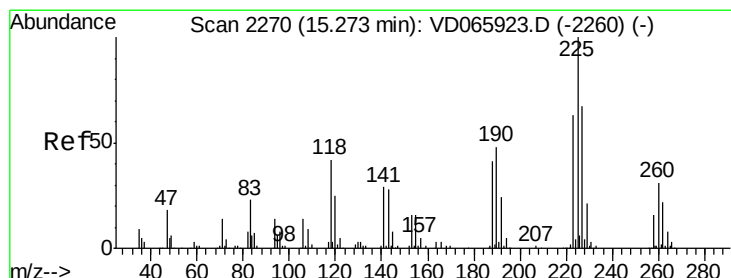
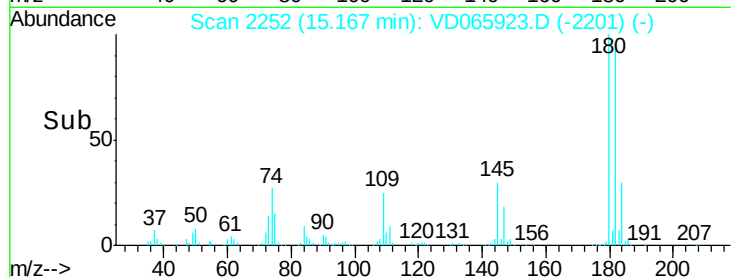
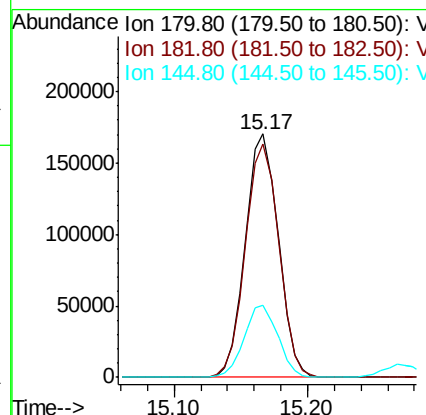
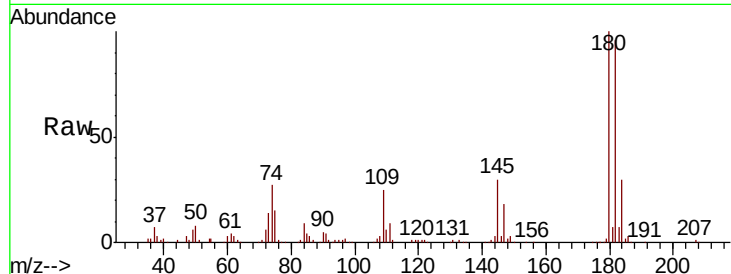




#93
1,2,4-Trichlorobenzene
Concen: 50.135 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

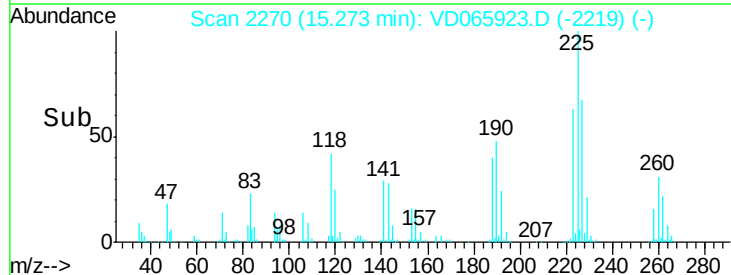
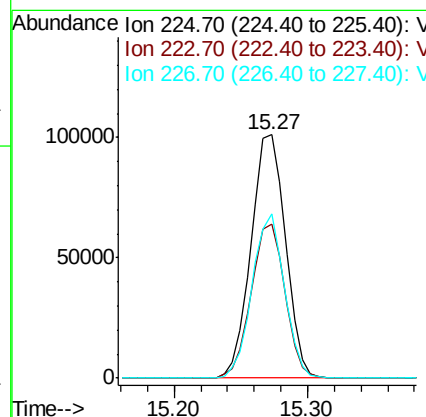
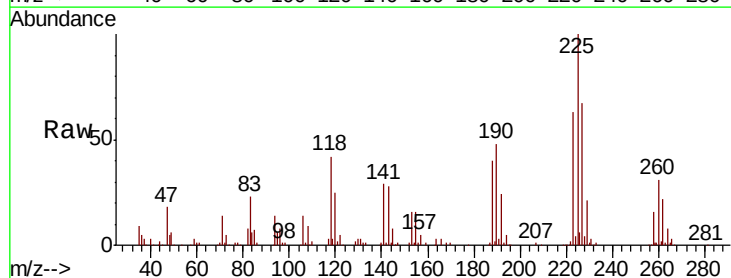
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

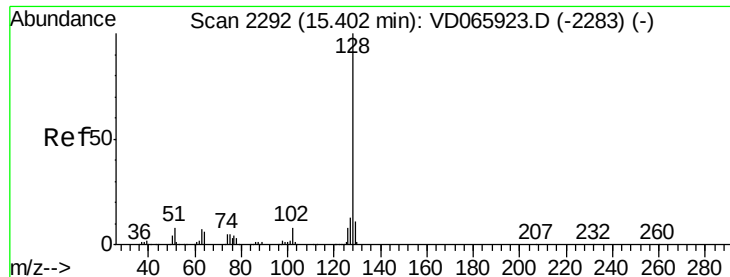
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.5	145.6
145	30.1	15.0	45.1



#94
Hexachlorobutadiene
Concen: 51.212 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD065923.D
Acq: 07 Jul 2020 15:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	63.3	31.6	95.0





#95

Naphthalene

Concen: 50.062 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

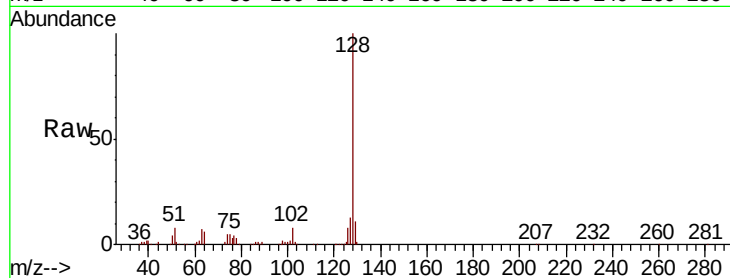
Tot Ion:128 Resp: 487958

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

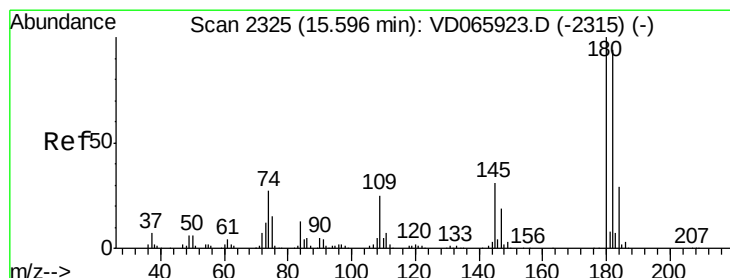
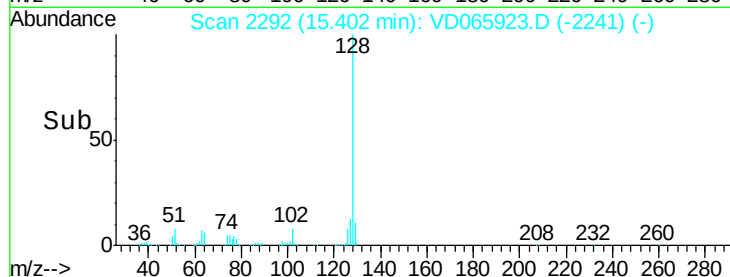
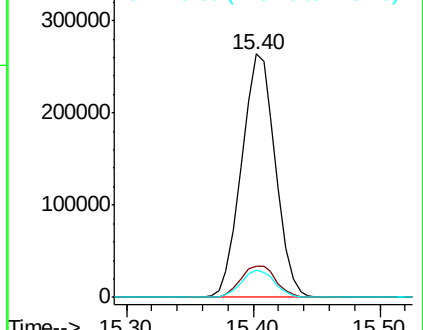
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.856 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD065923.D

Acq: 07 Jul 2020 15:01

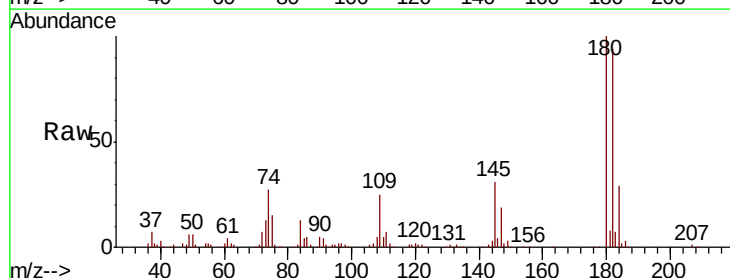
Tgt Ion:180 Resp: 249925

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 32.1 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

