

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065881.D
 Acq On : 29 Jun 2020 12:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 30 04:05:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	188490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	307647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	277601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	93279	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	7.91	113	90931	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.34	98	346404	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.64	95	115649	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	77403	42.946	ug/l	100
3) Chloromethane	2.21	50	112764	45.019	ug/l	93
4) Vinyl Chloride	2.35	62	116860	42.058	ug/l	98
5) Bromomethane	2.77	94	78150	43.002	ug/l	97
6) Chloroethane	2.92	64	72602	41.436	ug/l	98
7) Trichlorofluoromethane	3.27	101	166667	47.584	ug/l	100
8) Diethyl Ether	3.70	74	43777	47.541	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	93010	47.123	ug/l	97
10) Methyl Iodide	4.30	142	96188	46.887	ug/l	99
11) Tert butyl alcohol	5.23	59	26907	275.803	ug/l	97
12) 1,1-Dichloroethene	4.07	96	87747	47.695	ug/l	88
13) Acrolein	3.93	56	36043	253.261	ug/l	95
14) Allyl chloride	4.71	41	148126	51.042	ug/l	95
15) Acrylonitrile	5.41	53	94064	240.309	ug/l	99
16) Acetone	4.15	43	116029	302.420	ug/l	92
17) Carbon Disulfide	4.41	76	294668	47.408	ug/l	99
18) Methyl Acetate	4.71	43	39981	46.996	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	201665	49.989	ug/l	94
20) Methylene Chloride	4.96	84	105329	52.950	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	102709	48.754	ug/l	99
22) Diisopropyl ether	6.36	45	300398	49.632	ug/l	98
23) Vinyl Acetate	6.30	43	880890	251.818	ug/l	99
24) 1,1-Dichloroethane	6.26	63	174228	48.252	ug/l	98
25) 2-Butanone	7.21	43	132956	259.674	ug/l	96
26) 2,2-Dichloropropane	7.21	77	168927	50.980	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	111715	47.926	ug/l	99
28) Bromochloromethane	7.54	49	65112	47.986	ug/l	100
29) Tetrahydrofuran	7.56	42	79259	243.695	ug/l	97
30) Chloroform	7.71	83	184352	47.685	ug/l	100
31) Cyclohexane	7.98	56	162870	46.430	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	170726	48.125	ug/l	98
36) 1,1-Dichloropropene	8.11	75	150149	50.051	ug/l	98
37) Ethyl Acetate	7.28	43	56964	49.660	ug/l #	96
38) Carbon Tetrachloride	8.09	117	158510	48.931	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	173140	48.575	ug/l	95
40) Benzene	8.35	78	393274	47.252	ug/l	100
41) Methacrylonitrile	7.56	41	82463	131.034	ug/l #	1
42) 1,2-Dichloroethane	8.43	62	118691	48.341	ug/l	97
43) Isopropyl Acetate	8.45	43	110902	49.895	ug/l	97
44) Trichloroethene	9.11	130	108010	47.905	ug/l	95
45) 1,2-Dichloropropane	9.38	63	97465	48.886	ug/l	98
46) Dibromomethane	9.48	93	51394	46.504	ug/l	98
47) Bromodichloromethane	9.66	83	142877	48.653	ug/l	93
48) Methyl methacrylate	9.46	41	50528	46.377	ug/l	97
49) 1,4-Dioxane	9.47	88	12048	1065.723	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	282386	246.468	ug/l	100
52) Toluene	10.40	92	259435	47.944	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	137351	48.997	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	157517	47.855	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	70427	48.087	ug/l	88
56) Ethyl methacrylate	10.66	69	89728	49.340	ug/l	98
57) 1,3-Dichloropropane	10.95	76	124422	48.431	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	206835	259.481	ug/l	99
59) 2-Hexanone	10.98	43	203941	253.942	ug/l	100
60) Dibromochloromethane	11.14	129	95848	47.913	ug/l	96
61) 1,2-Dibromoethane	11.25	107	68795	47.994	ug/l	98
64) Tetrachloroethene	10.87	164	86245	47.577	ug/l	92
65) Chlorobenzene	11.67	112	260074	47.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	98228	47.886	ug/l	97
67) Ethyl Benzene	11.75	91	489835	47.897	ug/l	100
68) m/p-Xylenes	11.86	106	387864	99.613	ug/l	98
69) o-Xylene	12.18	106	171571	49.034	ug/l	98
70) Styrene	12.20	104	307320	50.230	ug/l	99
71) Bromoform	12.36	173	50340	46.211	ug/l #	96
73) Isopropylbenzene	12.48	105	480383	49.960	ug/l	99
74) N-amyl acetate	12.29	43	107529	50.615	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	74722	47.209	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	103656	88.238	ug/l	31
77) Bromobenzene	12.77	156	101876	47.124	ug/l	93
78) n-propylbenzene	12.83	91	575155	49.649	ug/l	100
79) 2-Chlorotoluene	12.91	91	314950	49.360	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	405703	50.472	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	26765	48.948	ug/l	98
82) 4-Chlorotoluene	13.01	91	346783	50.858	ug/l	100
83) tert-Butylbenzene	13.23	119	348846	51.569	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	403602	50.971	ug/l	99
85) sec-Butylbenzene	13.41	105	497208	51.577	ug/l	99
86) p-Isopropyltoluene	13.52	119	456490	52.134	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	210947	50.223	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	206505	48.868	ug/l	99
89) n-Butylbenzene	13.85	91	437299	51.217	ug/l	99
90) Hexachloroethane	14.11	117	87914	49.200	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	179656	48.824	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13106	53.455	ug/l	98

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QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration

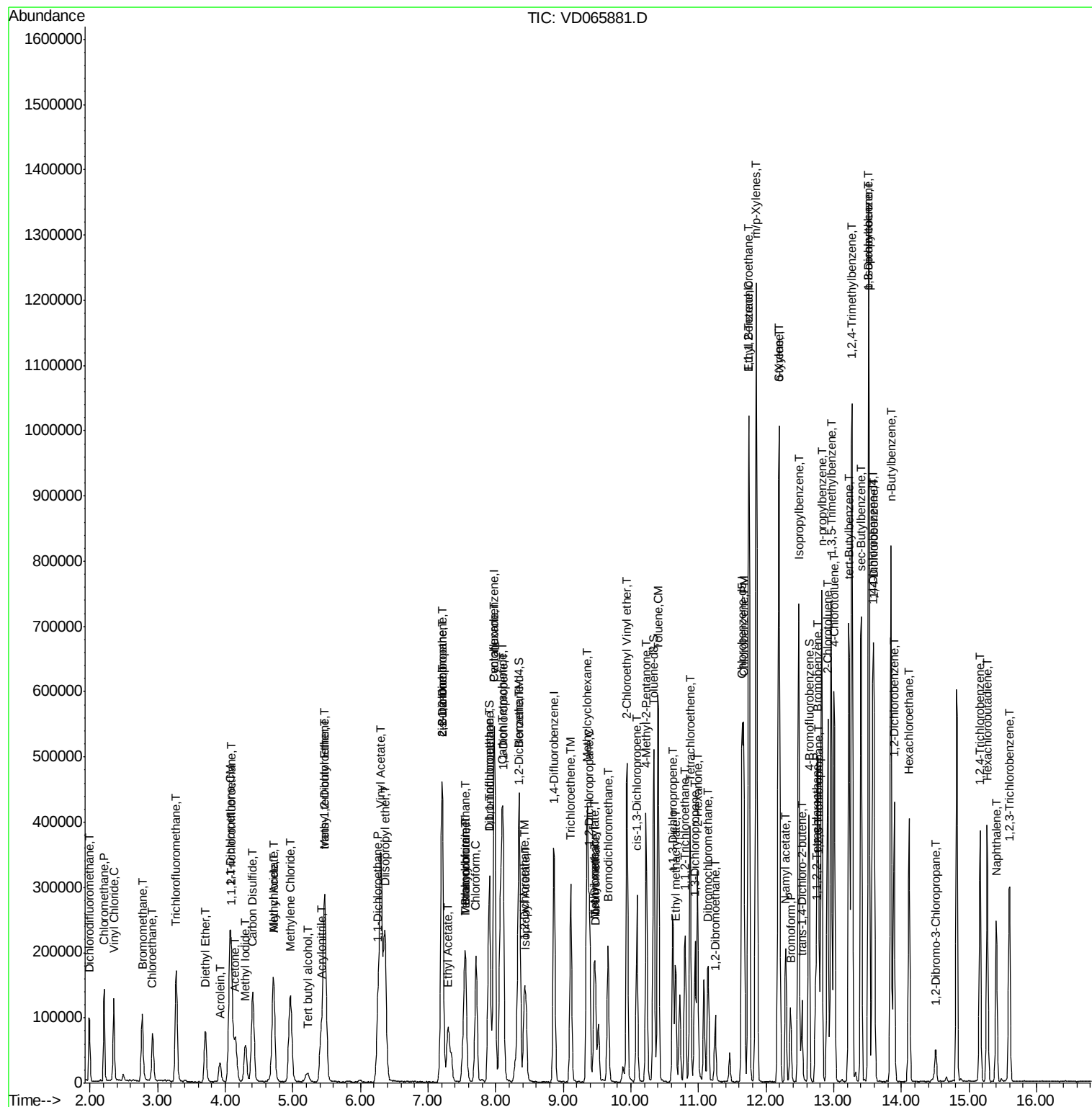
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114971	49.286	ug/l	99
94) Hexachlorobutadiene	15.27	225	63792	47.944	ug/l	94
95) Naphthalene	15.41	128	209586	50.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	97754	50.219	ug/l	100

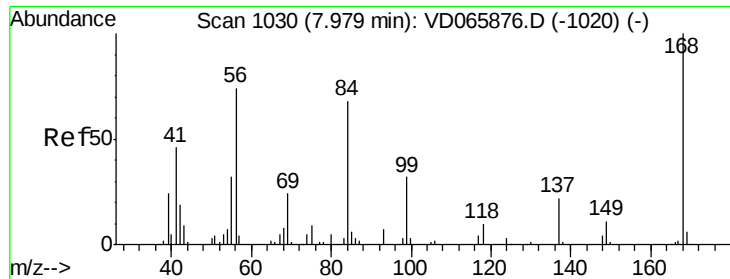
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

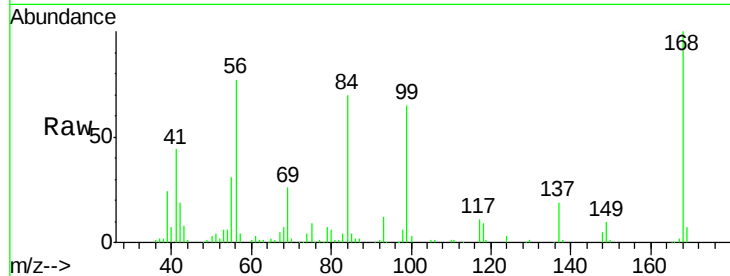
VSTDCCC050

Tot Ion:168 Resp: 188490

Ion Ratio Lower Upper

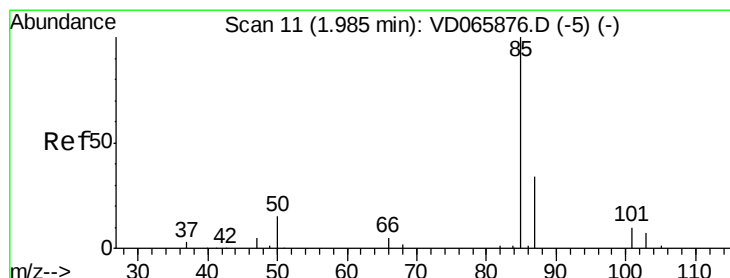
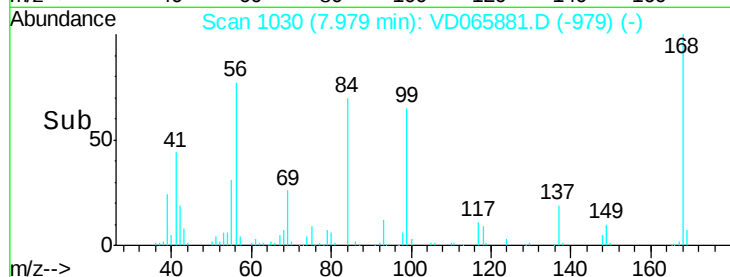
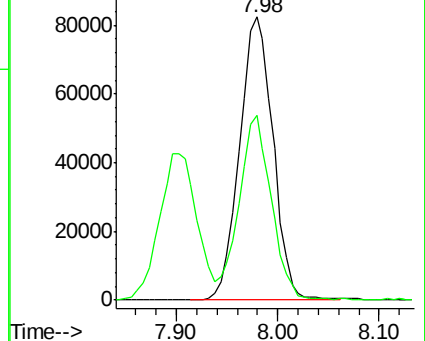
168 100

99 65.0 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 42.946 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065881.D

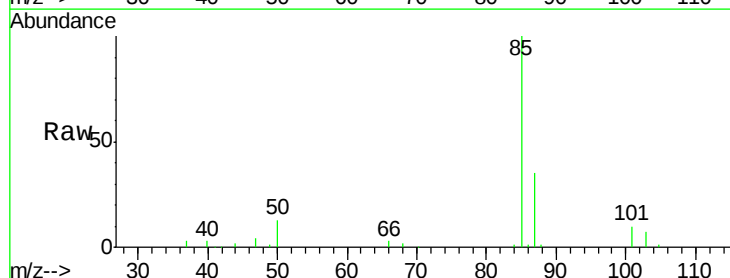
Acq: 29 Jun 2020 12:36

Tgt Ion: 85 Resp: 77403

Ion Ratio Lower Upper

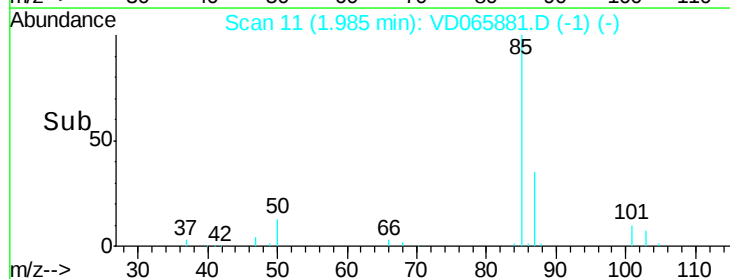
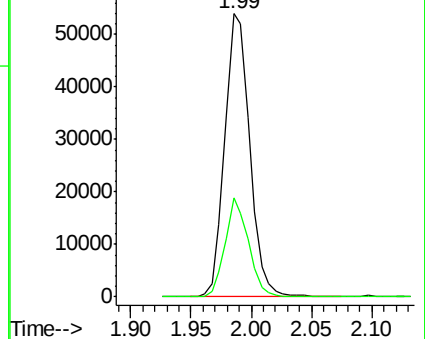
85 100

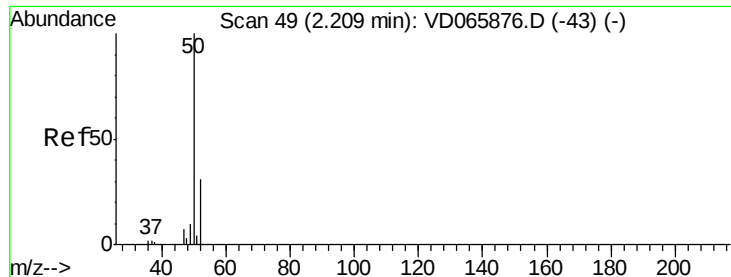
87 34.8 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.019 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

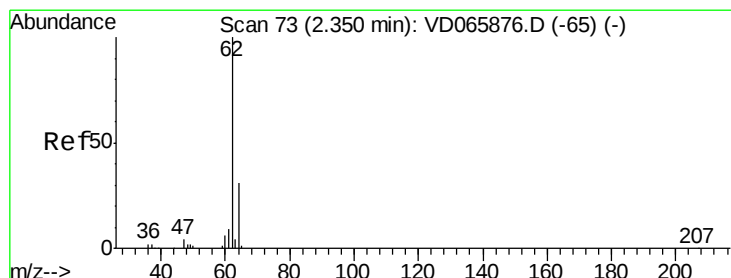
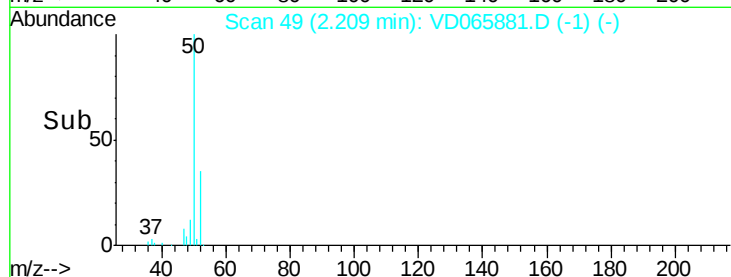
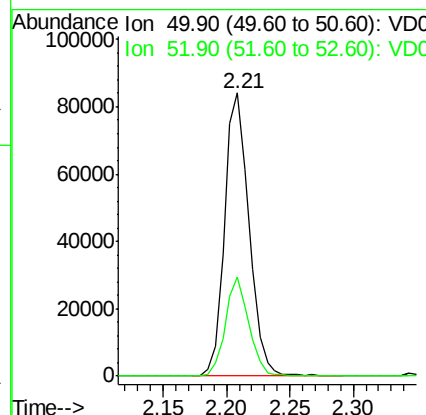
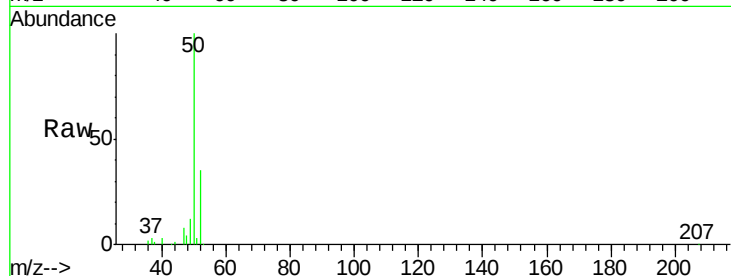
VSTDCCC050

Tot Ion: 50 Resp: 112764

Ion Ratio Lower Upper

50 100

52 34.9 24.7 37.1



#4

Vinyl Chloride

Concen: 42.058 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065881.D

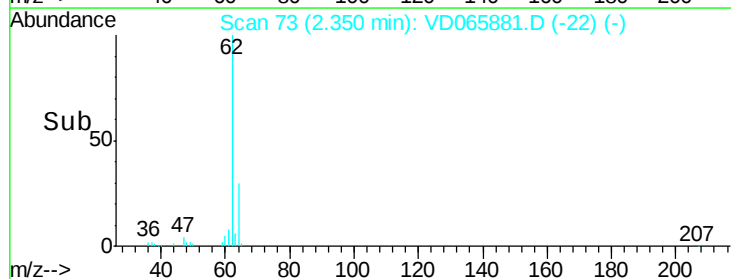
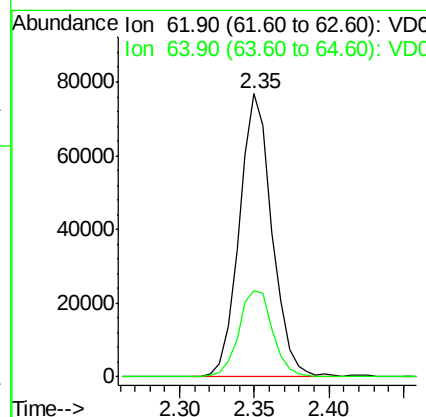
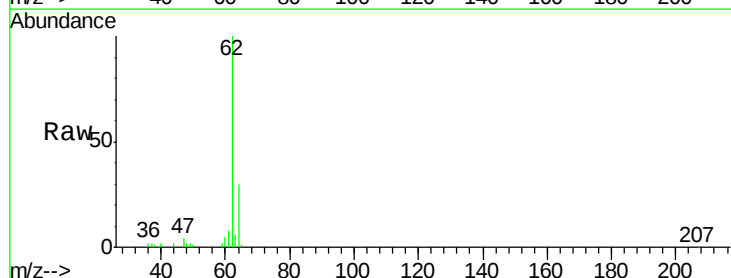
Acq: 29 Jun 2020 12:36

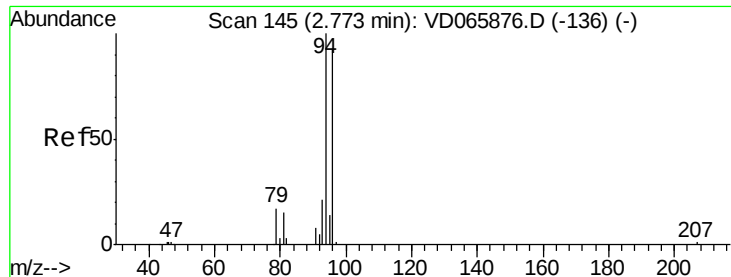
Tgt Ion: 62 Resp: 116860

Ion Ratio Lower Upper

62 100

64 30.3 25.0 37.4





#5

Bromomethane

Concen: 43.002 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

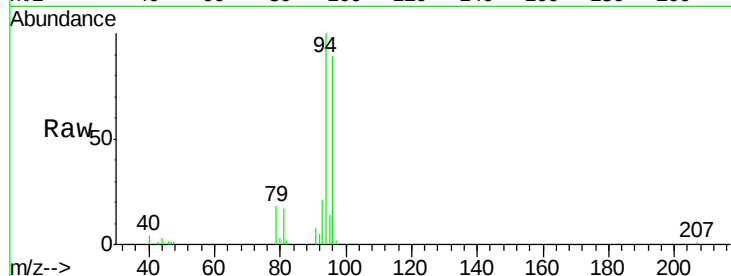
VSTDCCC050

Tot Ion: 94 Resp: 78150

Ion Ratio Lower Upper

94 100

96 89.5 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

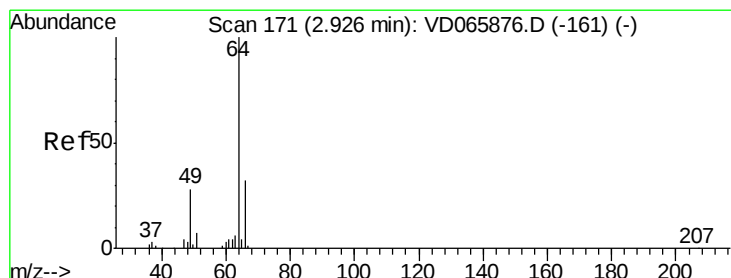
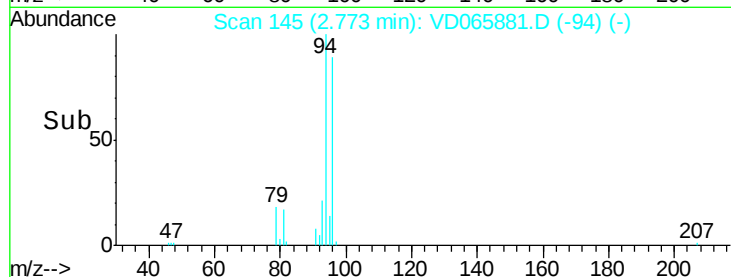
20000

10000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 41.436 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065881.D

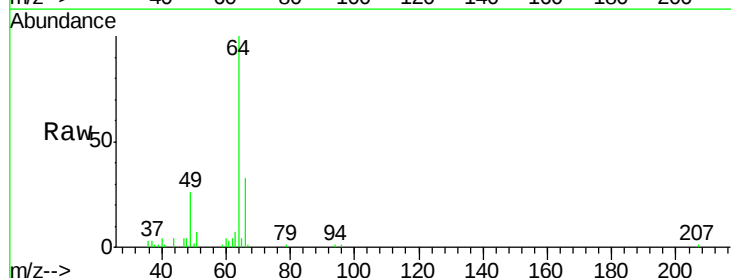
Acq: 29 Jun 2020 12:36

Tgt Ion: 64 Resp: 72602

Ion Ratio Lower Upper

64 100

66 33.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

30000

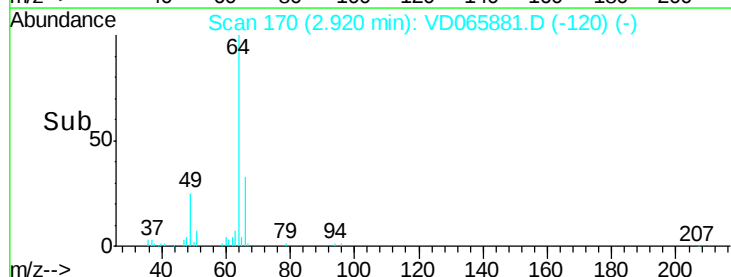
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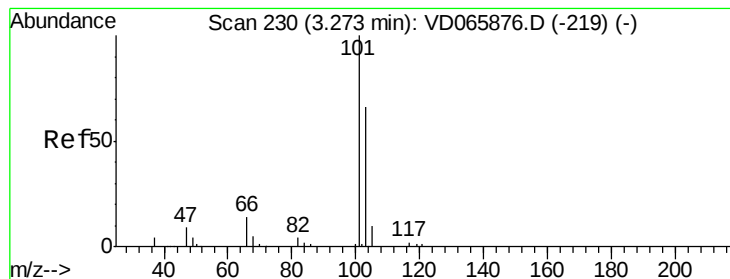
10000

0

2.85 2.90 2.95 3.00

Time-->



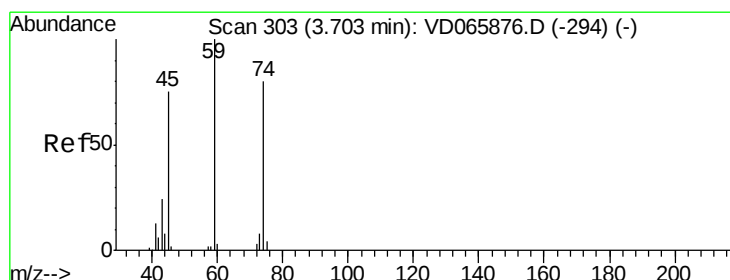
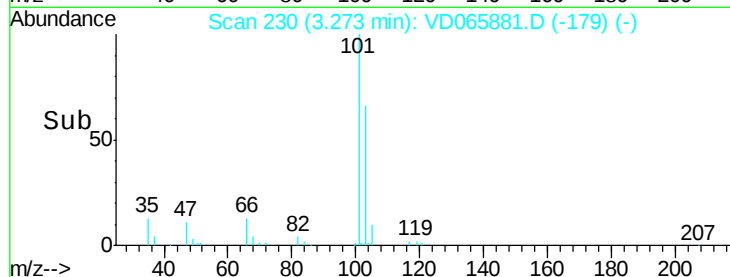
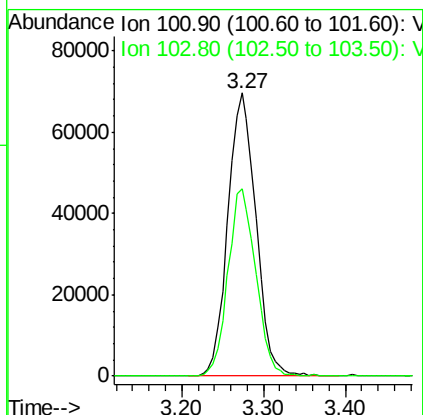
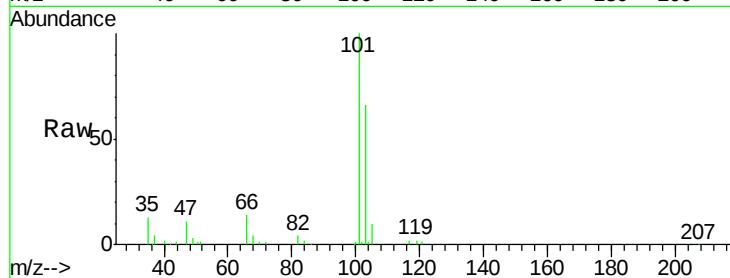


#7

Trichlorofluoromethane
 Concen: 47.584 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

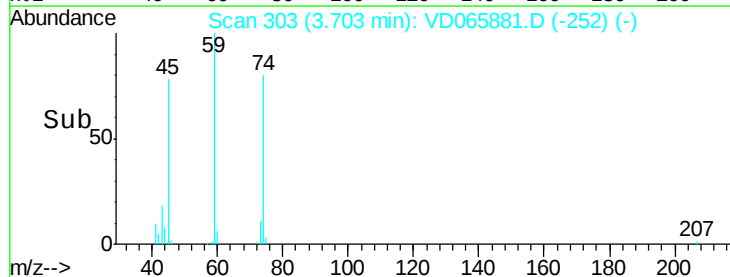
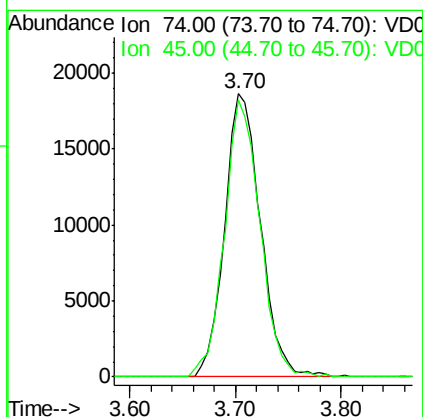
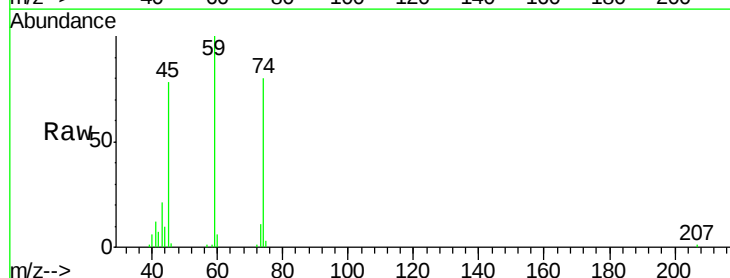
Tot Ion:101 Resp: 166667
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.9 79.3

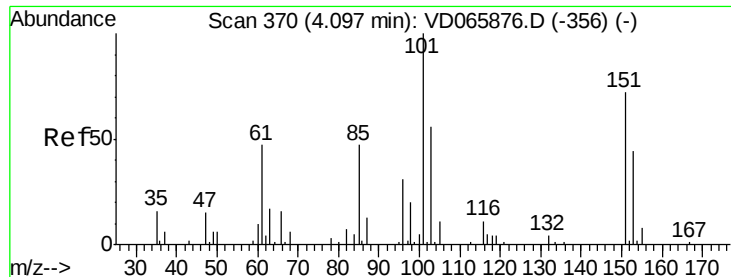


#8

Diethyl Ether
 Concen: 47.541 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 74 Resp: 43777
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.123 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

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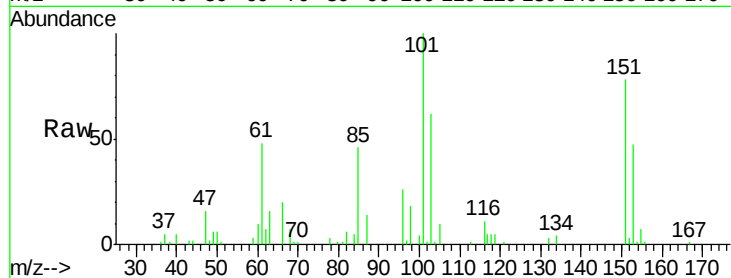
Tot Ion:101 Resp: 93010

Ion Ratio Lower Upper

101 100

85 45.5 38.6 58.0

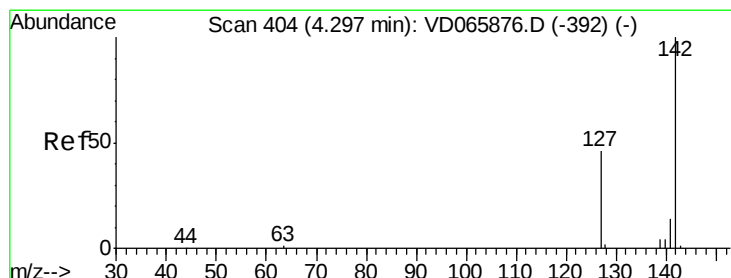
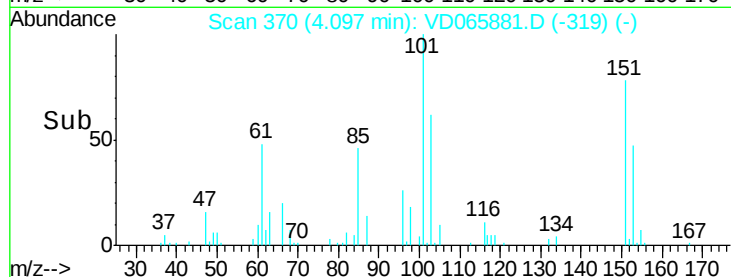
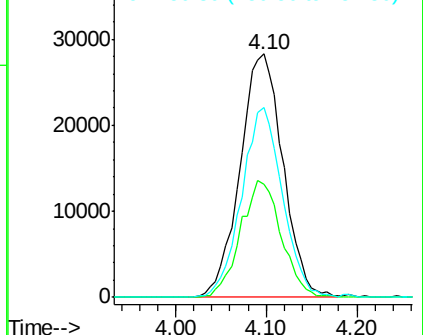
151 74.3 60.7 91.1



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: 46.887 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

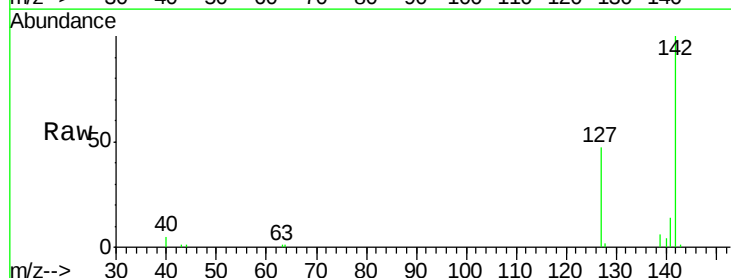
Tgt Ion:142 Resp: 96188

Ion Ratio Lower Upper

142 100

127 47.8 39.0 58.6

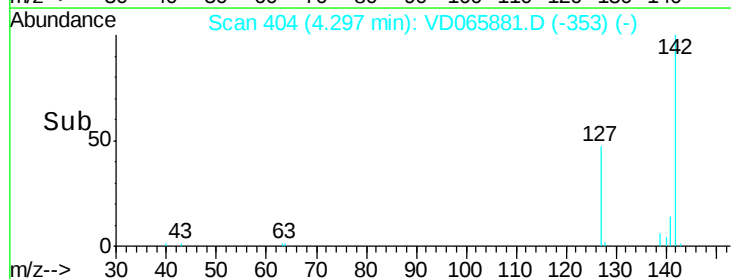
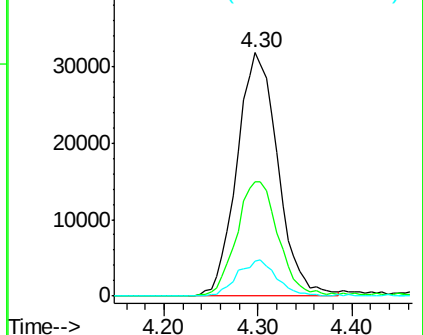
141 14.2 11.5 17.3

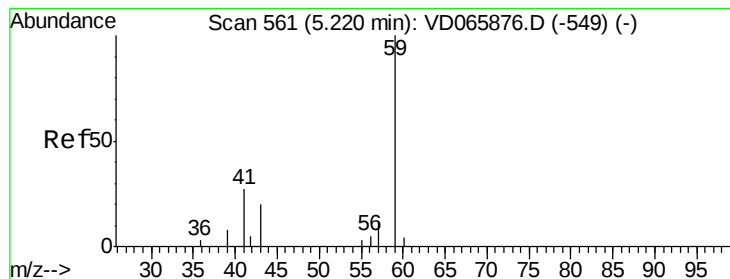


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



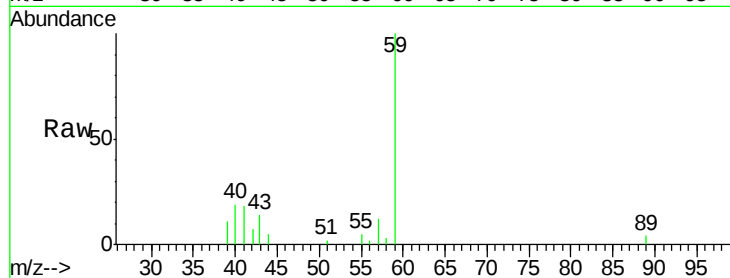


#11

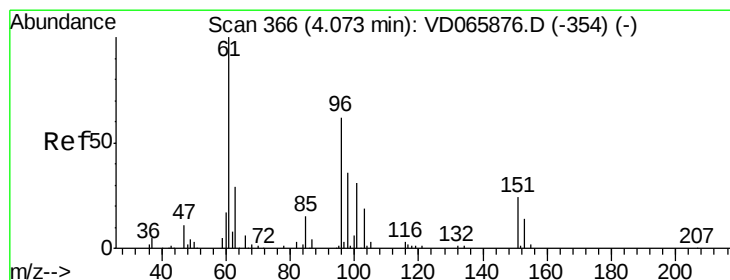
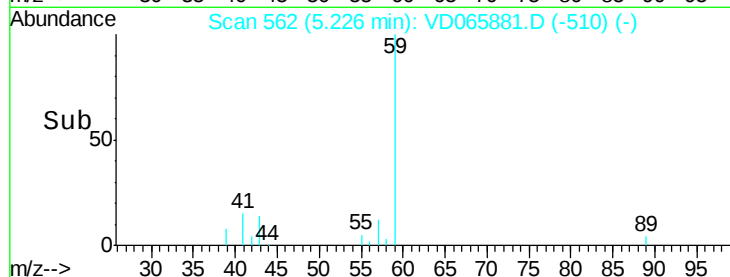
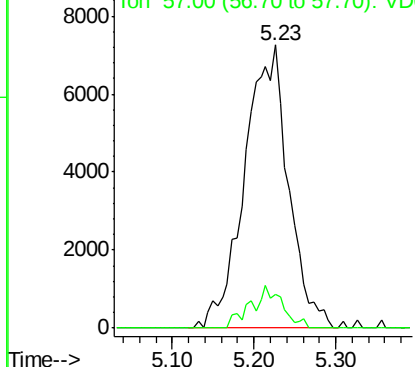
Tert butyl alcohol
 Concen: 275.803 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 26907
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.7 14.5



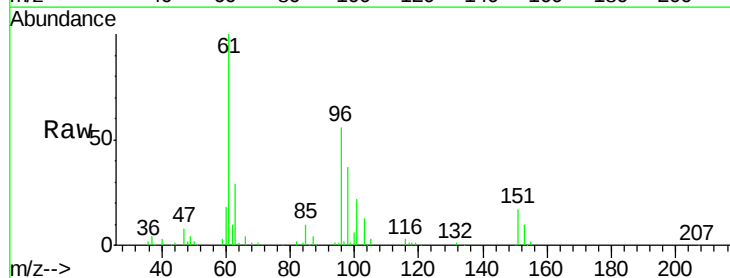
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



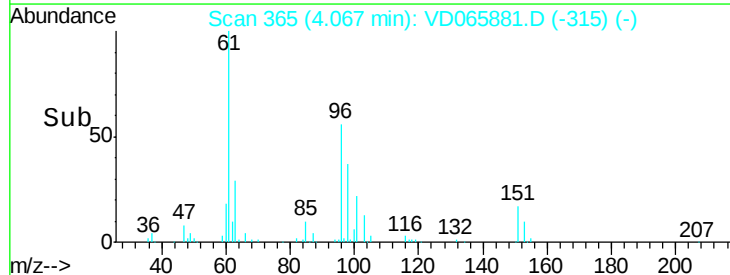
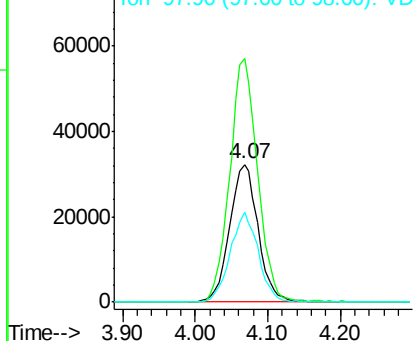
#12

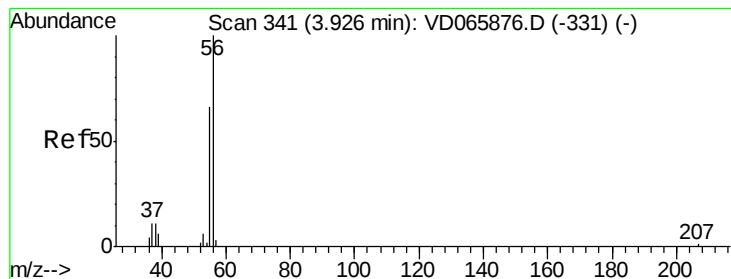
1,1-Dichloroethene
 Concen: 47.695 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 96 Resp: 87747
 Ion Ratio Lower Upper
 96 100
 61 177.1 128.3 192.5
 98 65.7 46.2 69.2



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





#13

Acrolein

Concen: 253.261 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

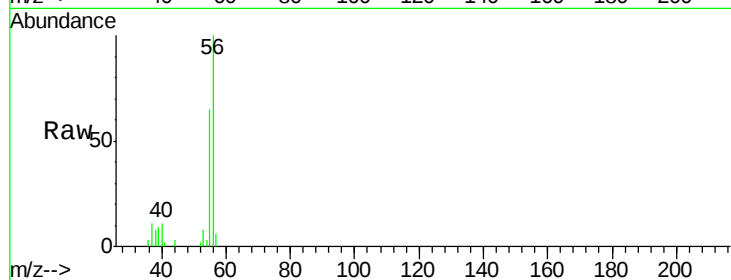
VSTDCCC050

Tot Ion: 56 Resp: 36043

Ion Ratio Lower Upper

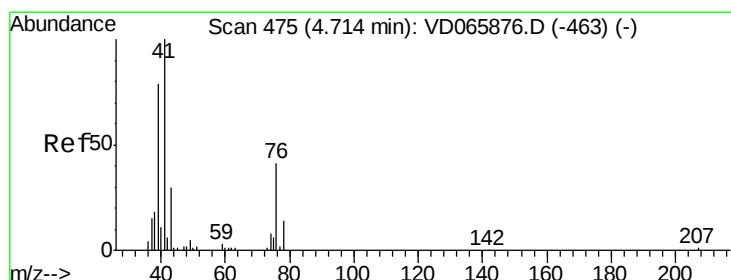
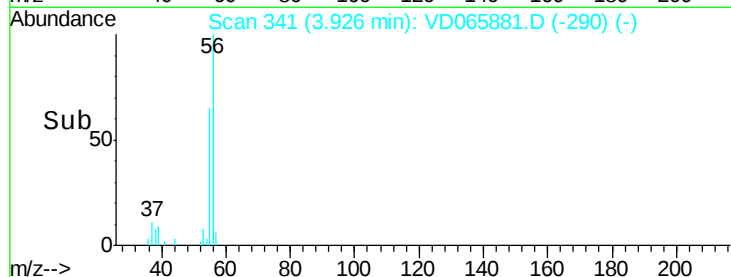
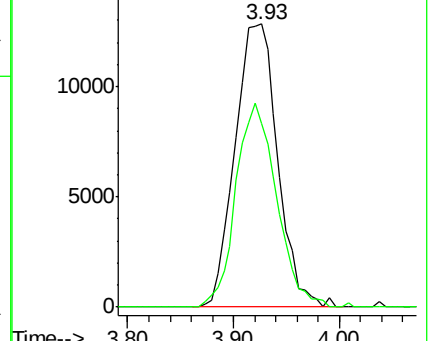
56 100

55 68.6 58.1 87.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.042 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

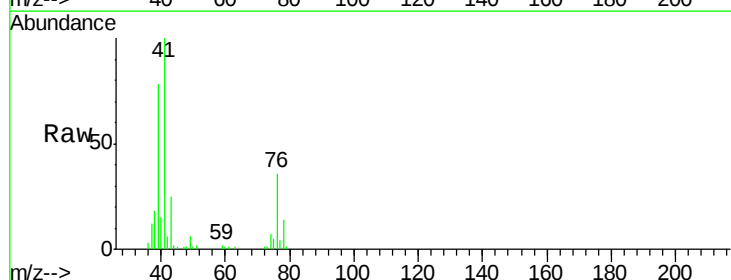
Tgt Ion: 41 Resp: 148126

Ion Ratio Lower Upper

41 100

39 75.7 63.8 95.8

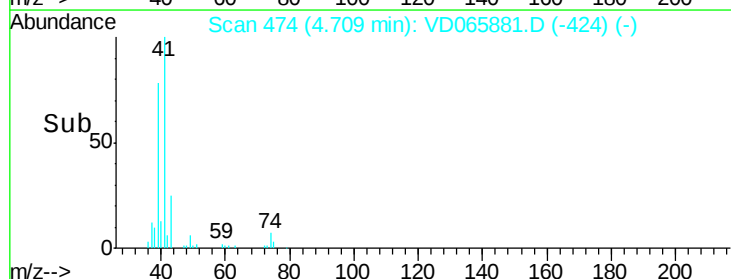
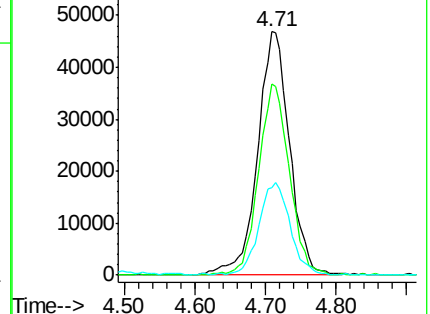
76 37.1 32.2 48.4

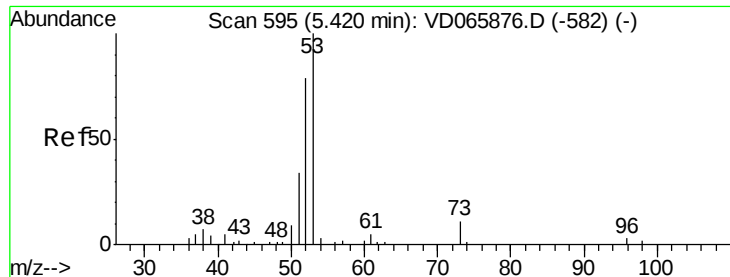


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 240.309 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

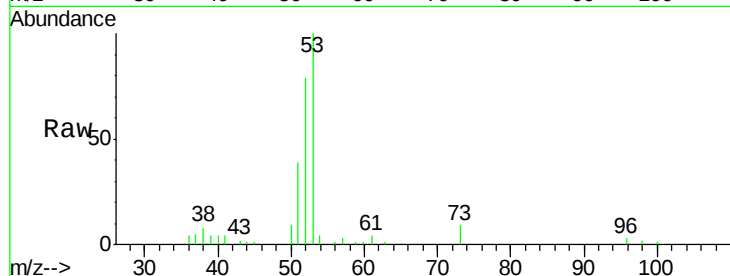
Tot Ion: 53 Resp: 94064

Ion Ratio Lower Upper

53 100

52 81.8 66.3 99.5

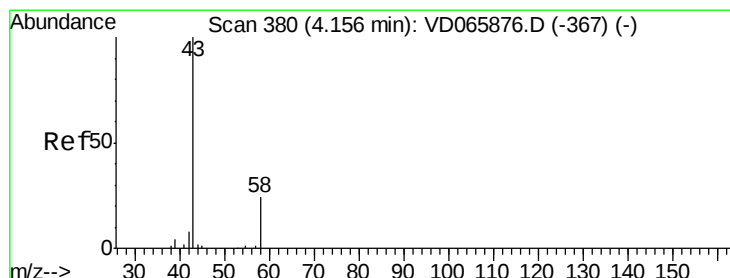
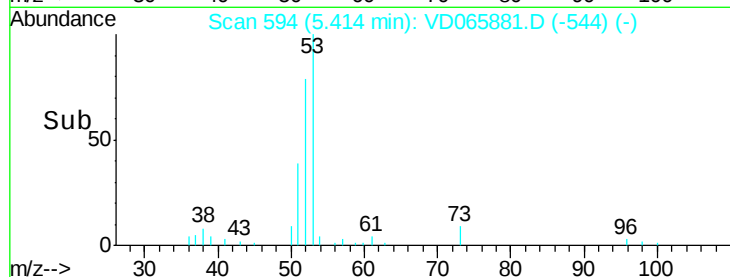
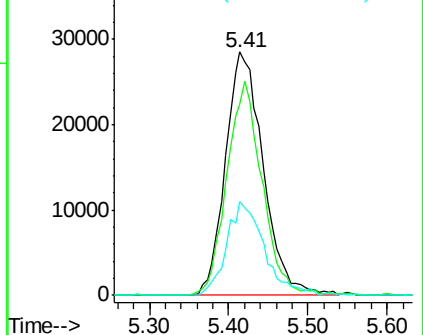
51 37.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 302.420 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065881.D

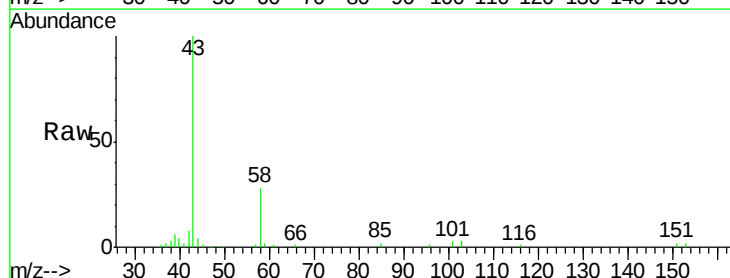
Acq: 29 Jun 2020 12:36

Tgt Ion: 43 Resp: 116029

Ion Ratio Lower Upper

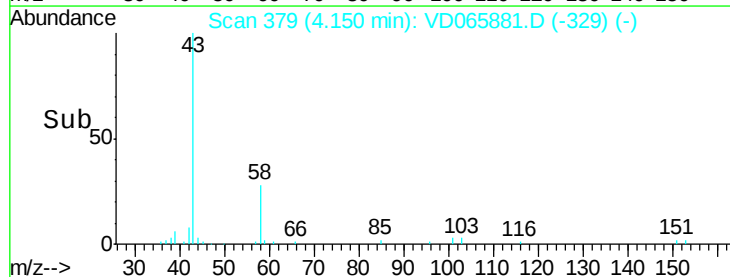
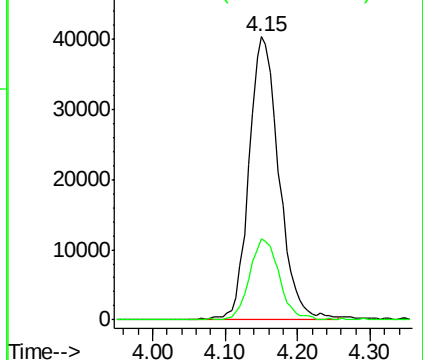
43 100

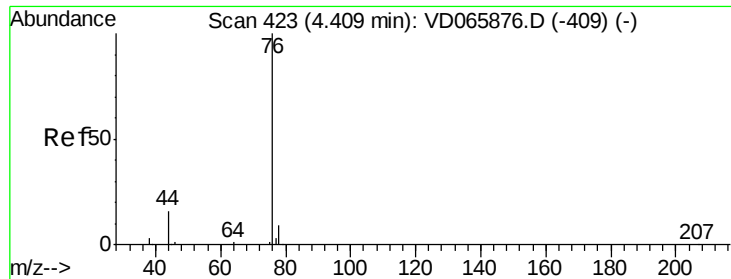
58 28.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

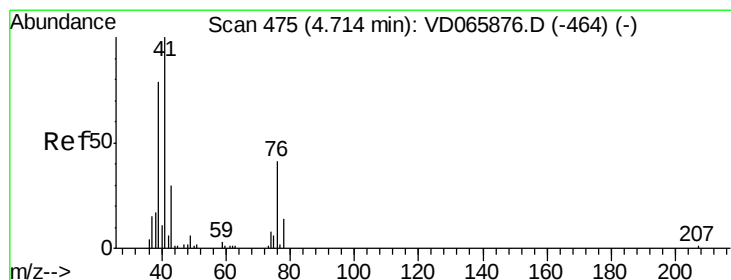
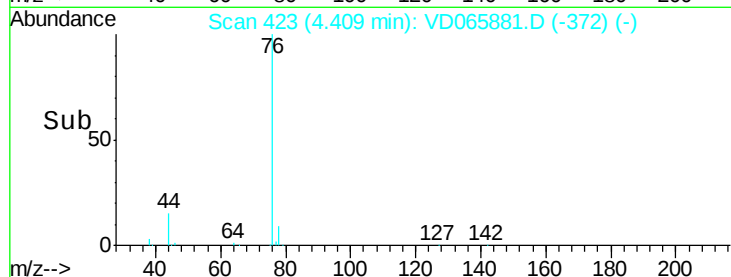
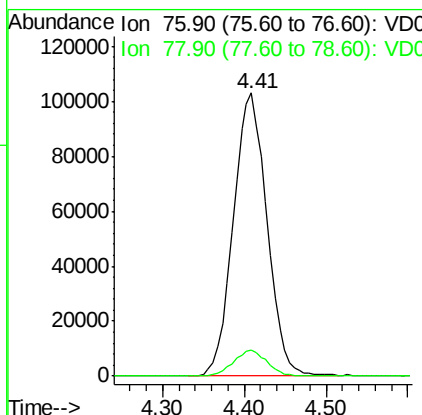
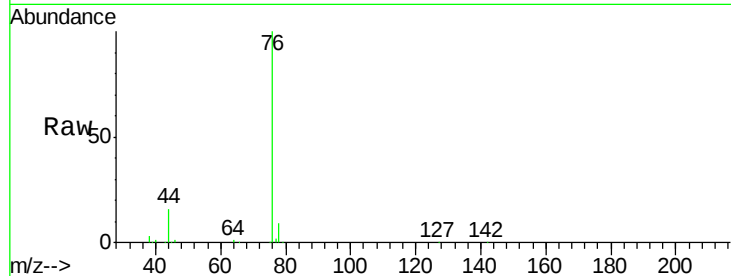




#17
Carbon Disulfide
Concen: 47.408 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

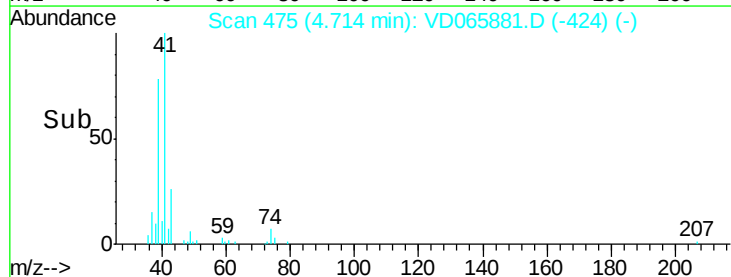
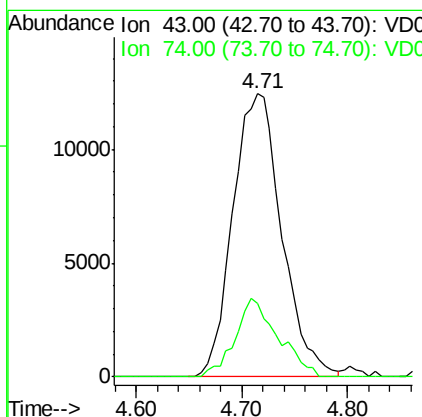
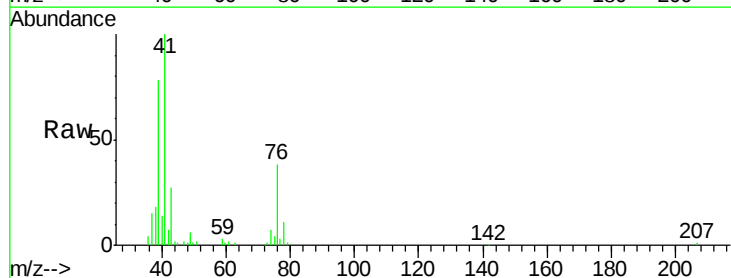
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

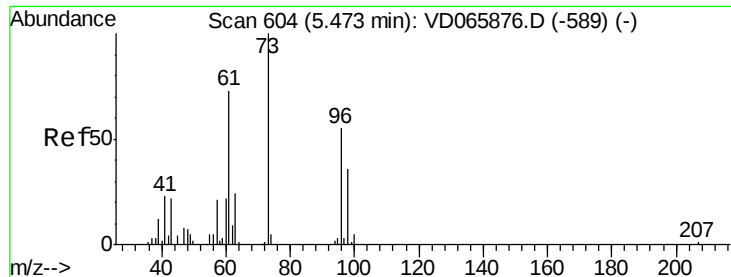
Tot Ion: 76 Resp: 294668
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 46.996 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 43 Resp: 39981
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2

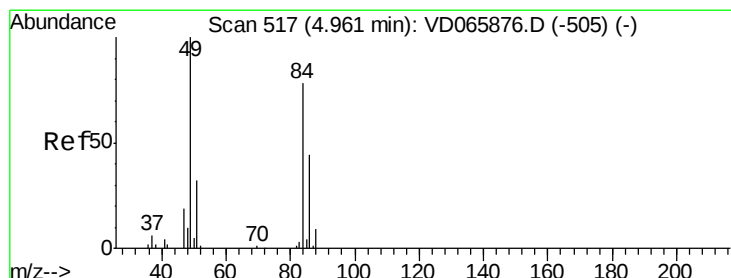
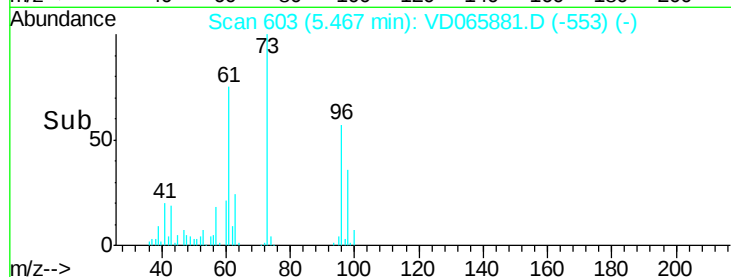
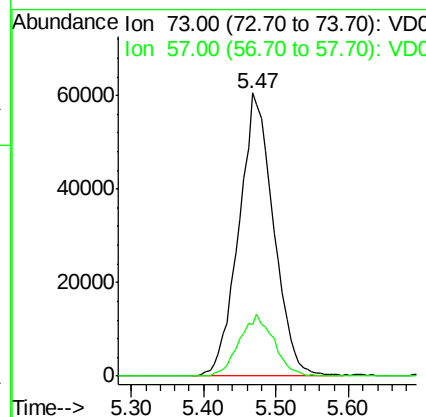
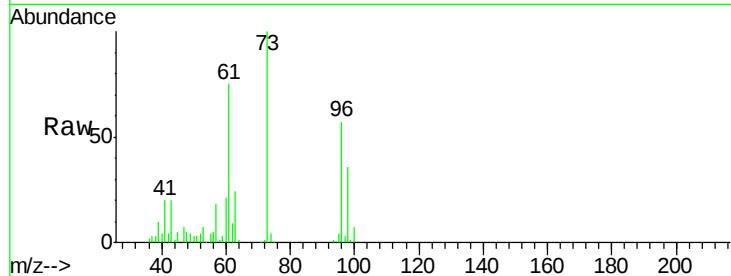




#19
Methyl tert-butyl Ether
Concen: 49.989 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

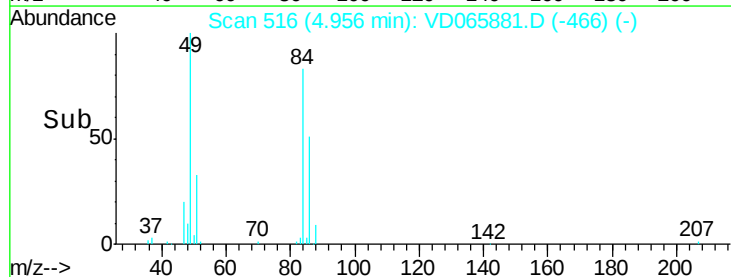
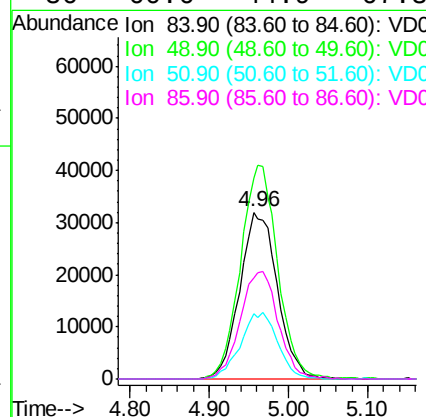
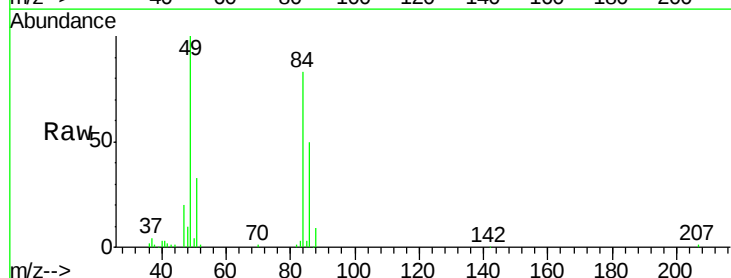
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

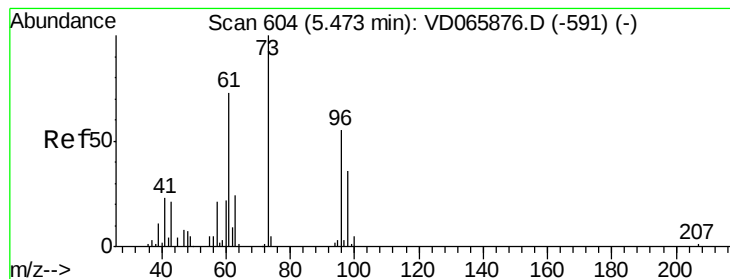
Tot Ion: 73 Resp: 201665
Ion Ratio Lower Upper
73 100
57 18.4 17.0 25.4



#20
Methylene Chloride
Concen: 52.950 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 84 Resp: 105329
Ion Ratio Lower Upper
84 100
49 120.4 103.0 154.6
51 39.2 32.7 49.1
86 60.6 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 48.754 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

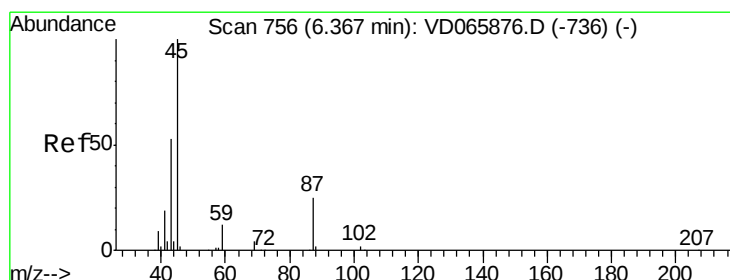
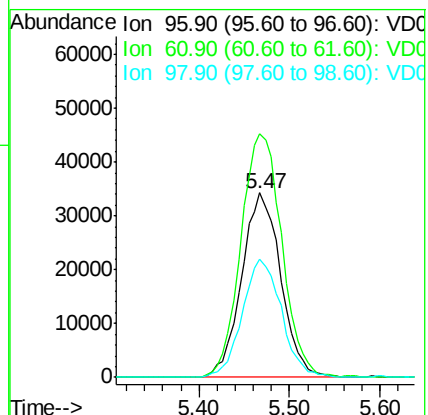
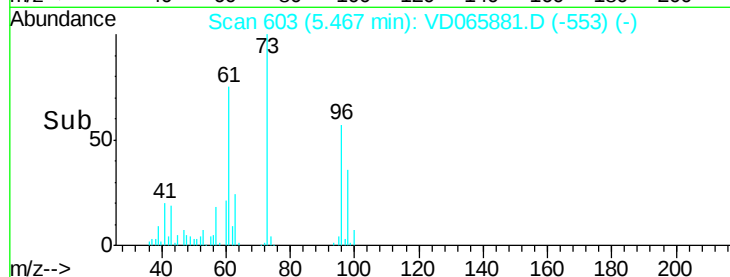
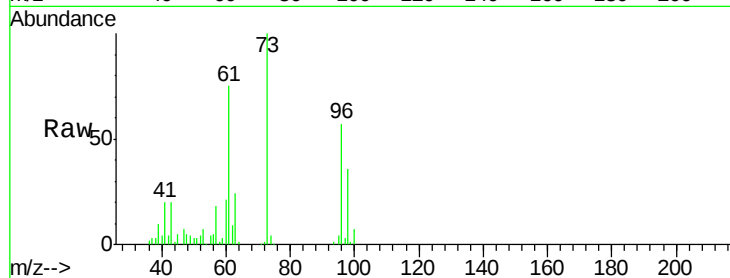
Tot Ion: 96 Resp: 102709

Ion Ratio Lower Upper

96 100

61 132.1 107.0 160.4

98 64.0 52.2 78.2



#22

Diisopropyl ether

Concen: 49.632 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Tgt Ion: 45 Resp: 300398

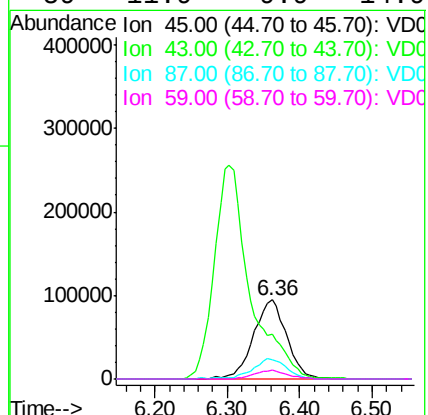
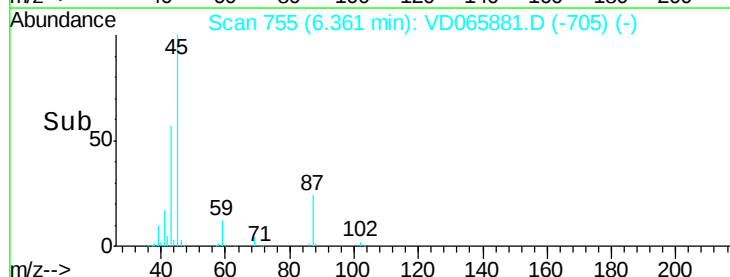
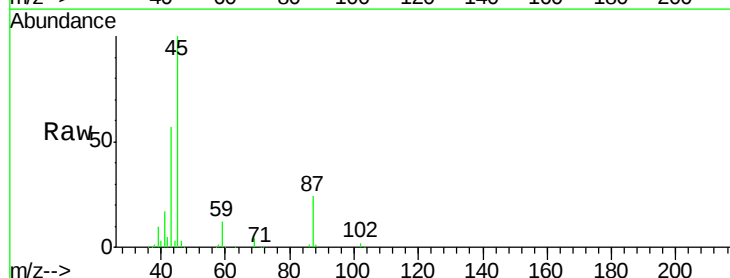
Ion Ratio Lower Upper

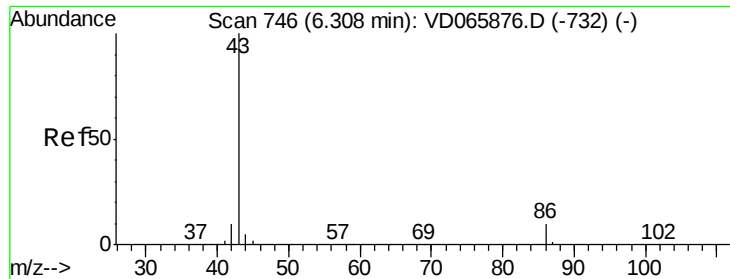
45 100

43 55.7 43.4 65.0

87 24.4 19.8 29.8

59 11.9 9.9 14.9

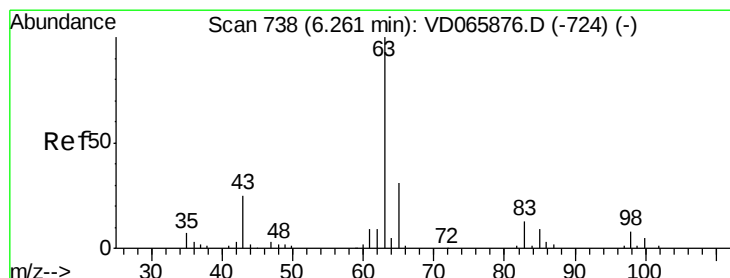
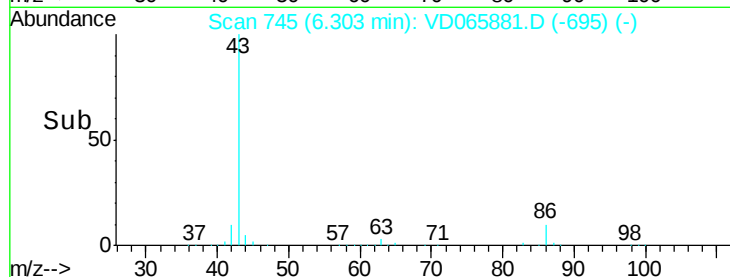
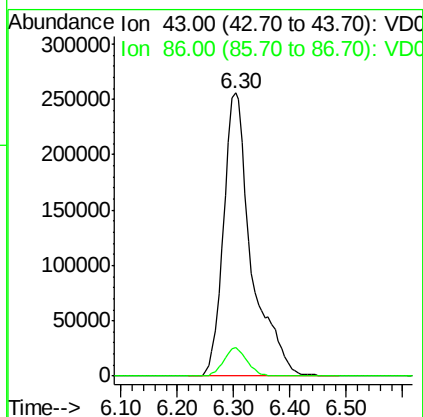
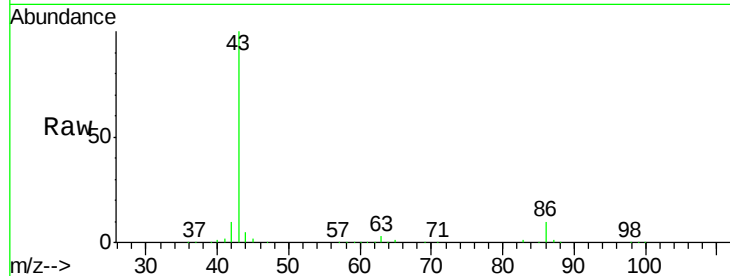




#23
 Vinyl Acetate
 Concen: 251.818 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

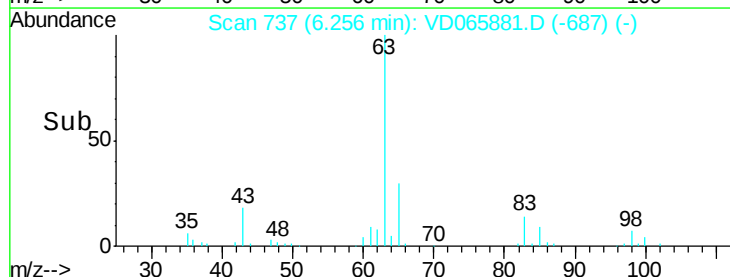
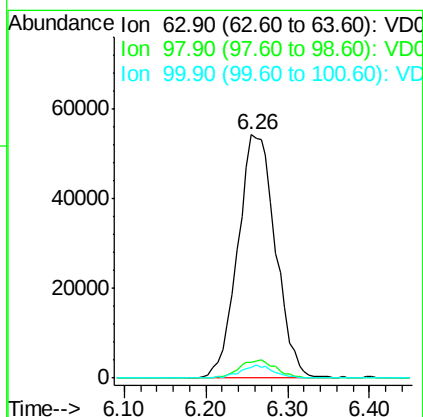
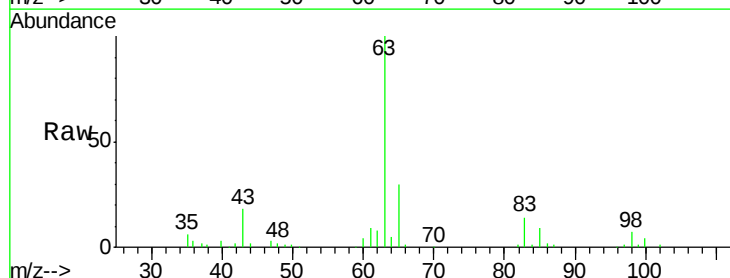
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

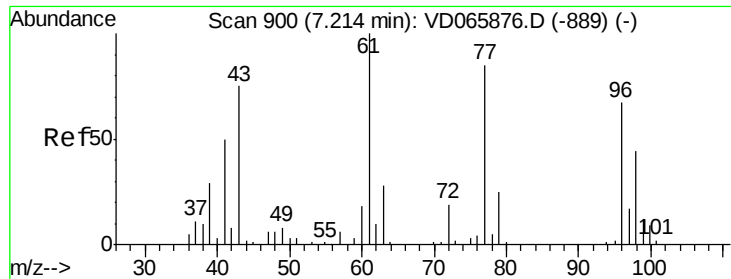
Tot Ion: 43 Resp: 880890
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 48.252 ug/l
 RT: 6.26 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 63 Resp: 174228
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.4 2.4 7.2

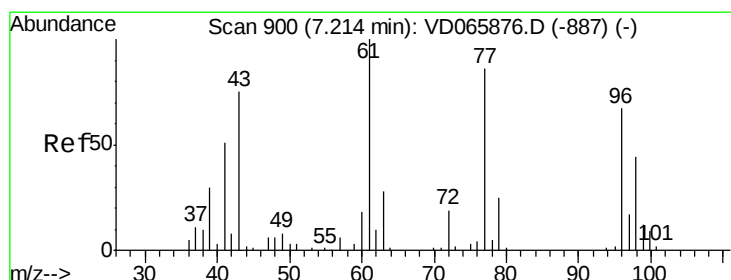
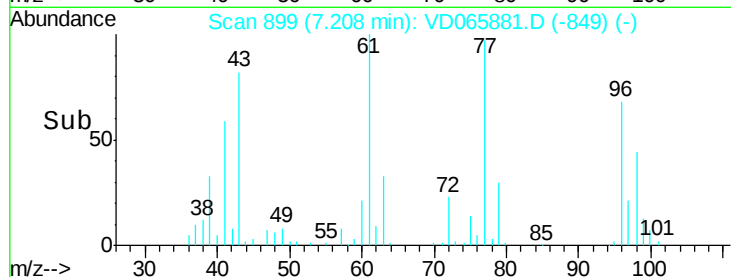
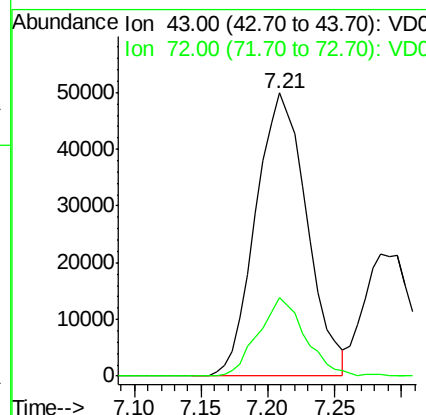
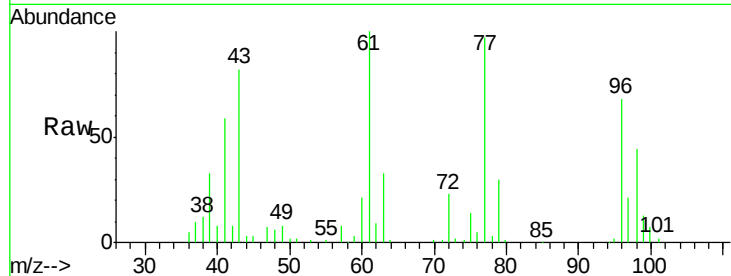




#25
2-Butanone
Concen: 259.674 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

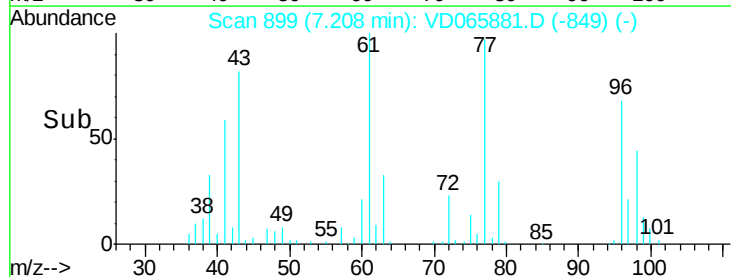
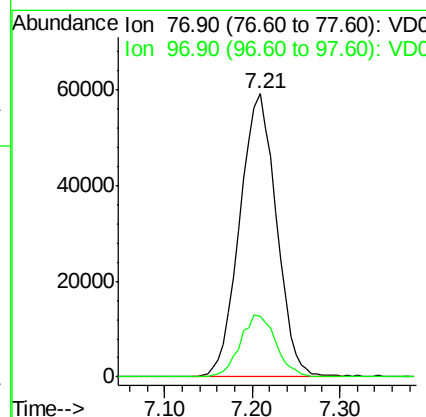
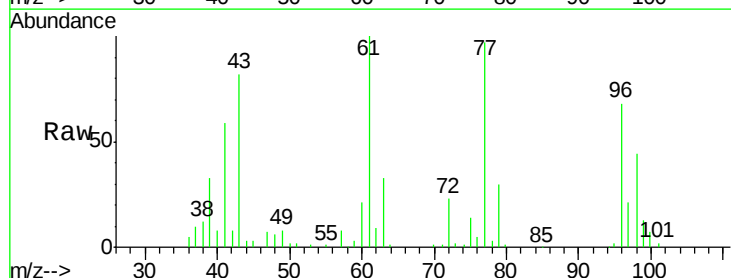
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

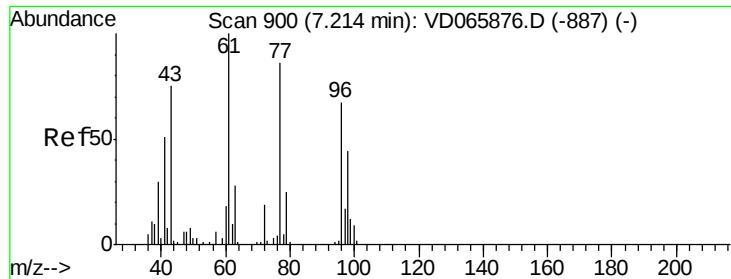
Tot Ion: 43 Resp: 132956
Ion Ratio Lower Upper
43 100
72 27.9 20.6 31.0



#26
2,2-Dichloropropane
Concen: 50.980 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 77 Resp: 168927
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3



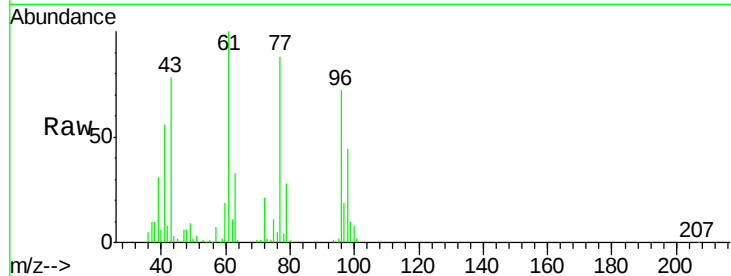


#27

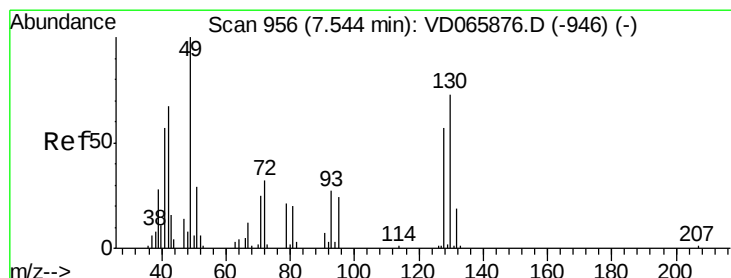
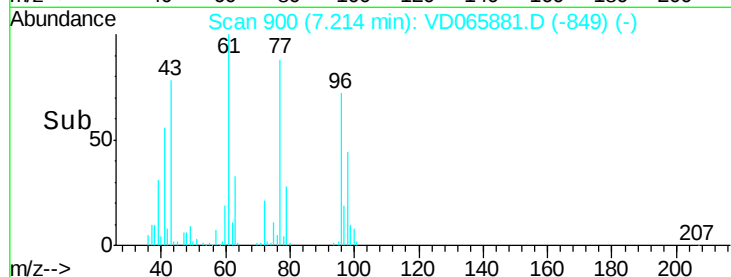
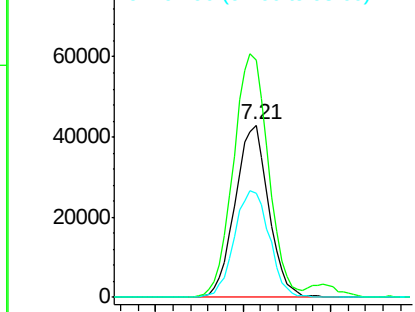
cis-1,2-Dichloroethene
 Concen: 47.926 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 111715
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 297.8
 98 64.4 0.0 129.8



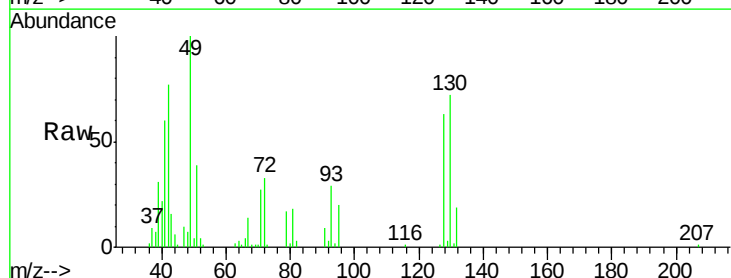
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



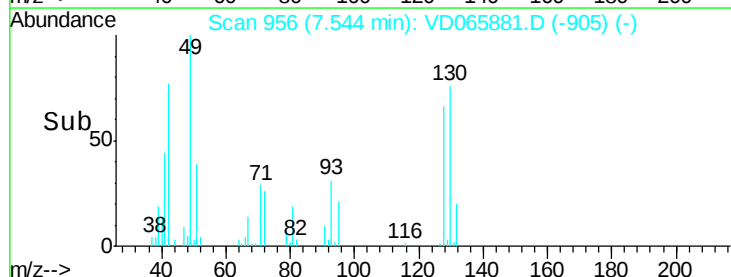
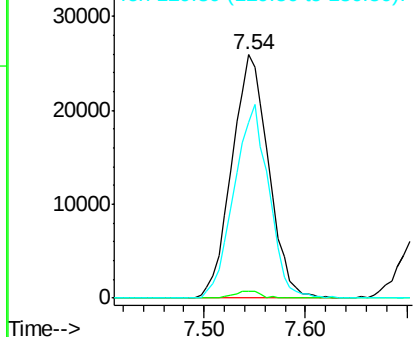
#28

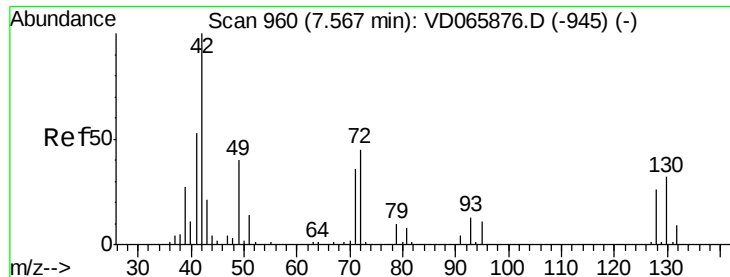
Bromochloromethane
 Concen: 47.986 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 49 Resp: 65112
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 76.0 61.0 91.6



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

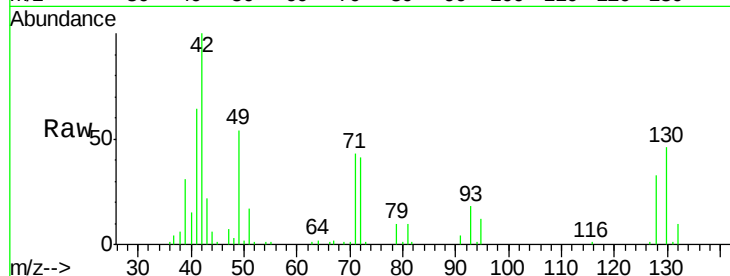




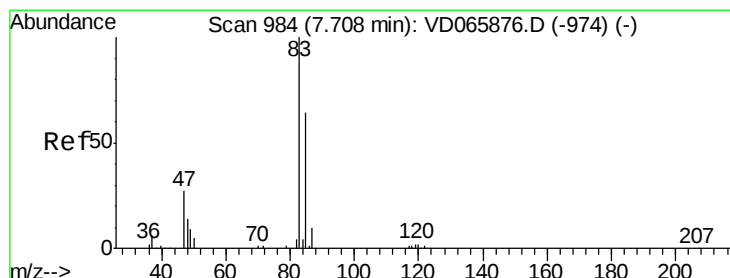
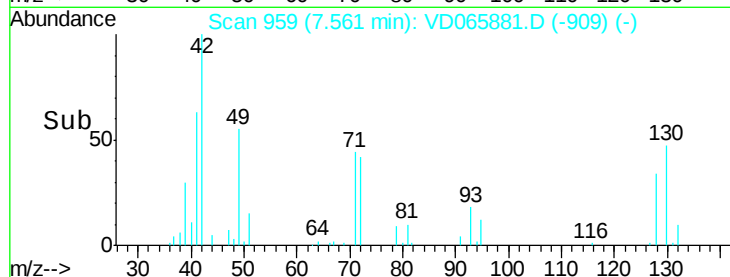
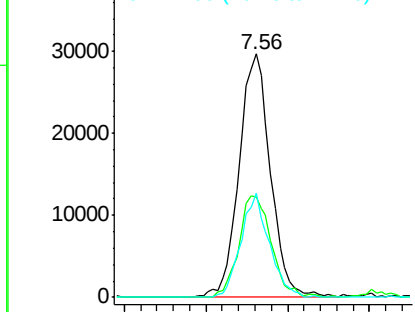
#29
Tetrahydrofuran
Concen: 243.695 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 79259
Ion Ratio Lower Upper
42 100
72 42.5 35.3 52.9
71 38.4 32.6 48.8

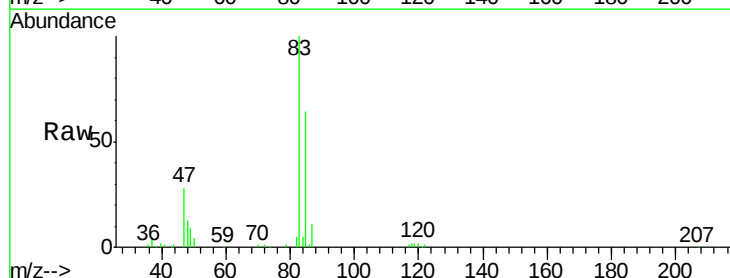


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

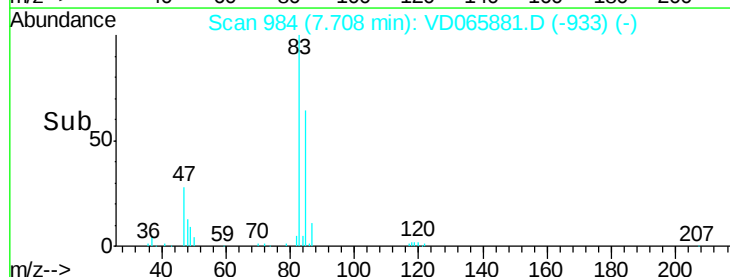
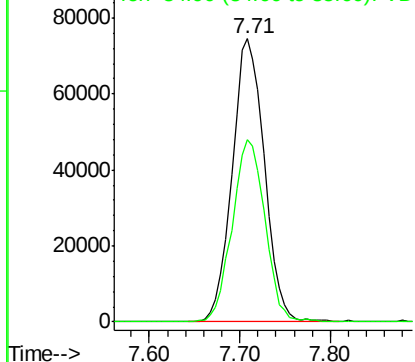


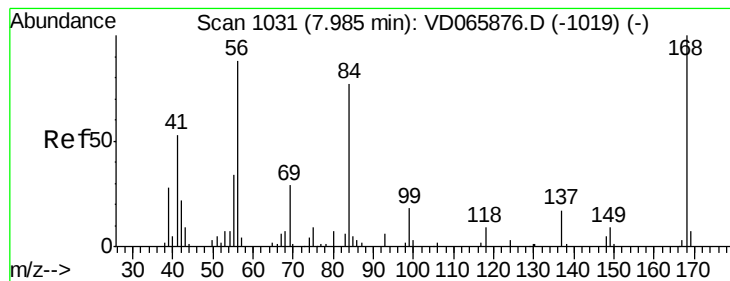
#30
Chloroform
Concen: 47.685 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 83 Resp: 184352
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8



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





#31

Cyclohexane

Concen: 46.430 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

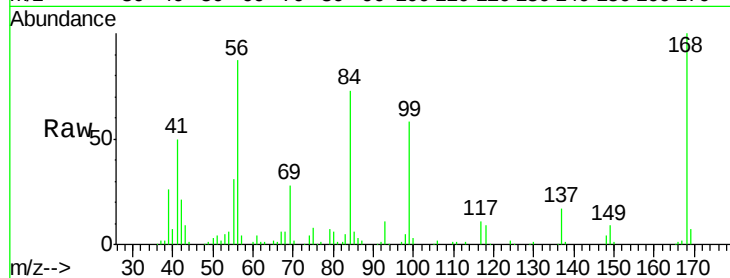
Tot Ion: 56 Resp: 162870

Ion Ratio Lower Upper

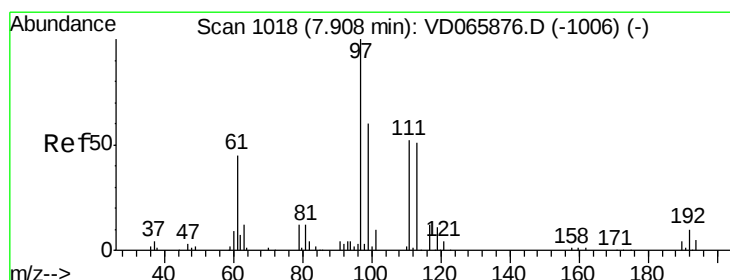
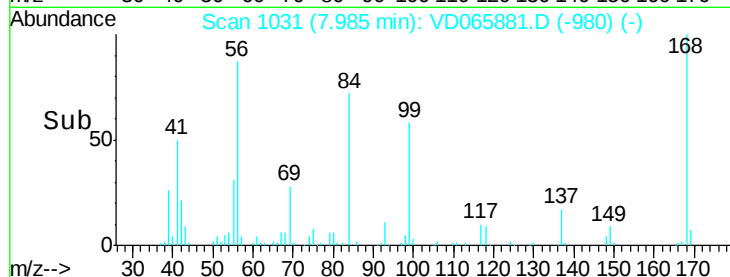
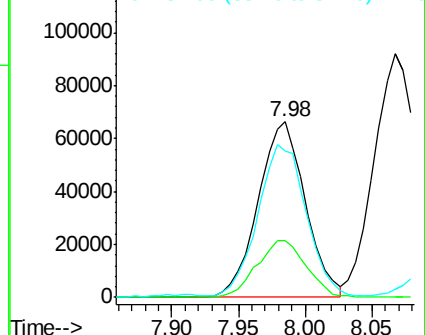
56 100

69 32.2 26.2 39.4

84 81.7 70.3 105.5



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



#32

1,1,1-Trichloroethane

Concen: 48.125 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

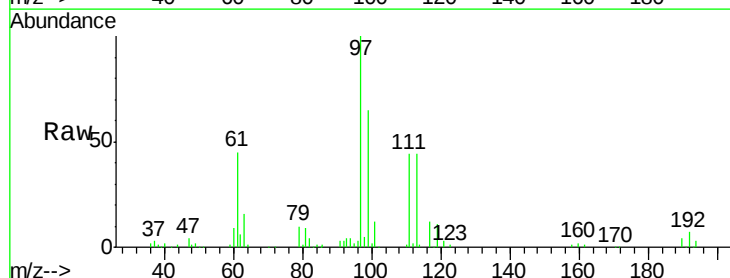
Tgt Ion: 97 Resp: 170726

Ion Ratio Lower Upper

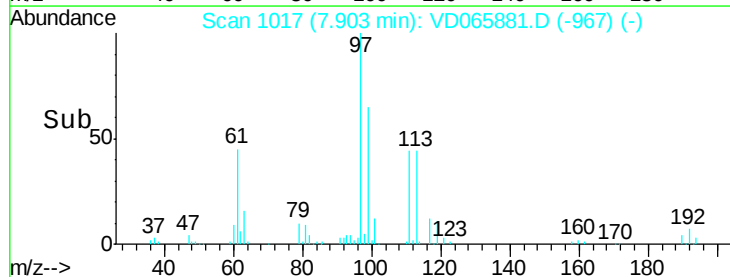
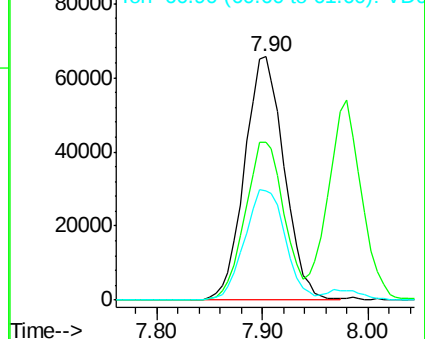
97 100

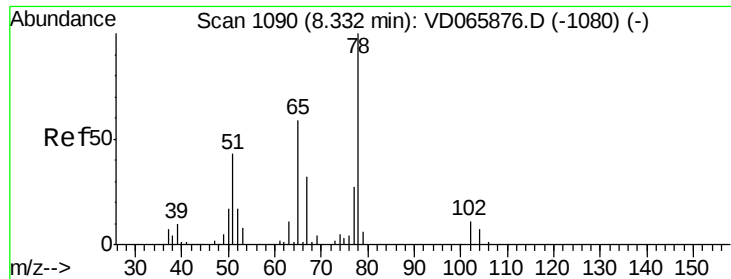
99 64.0 50.2 75.4

61 46.6 36.0 54.0



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

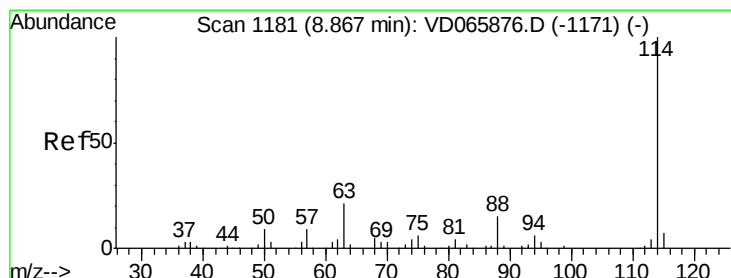
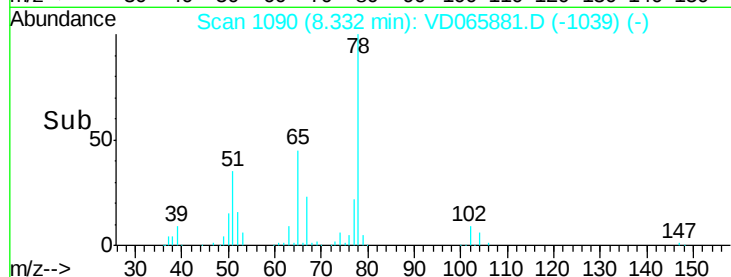
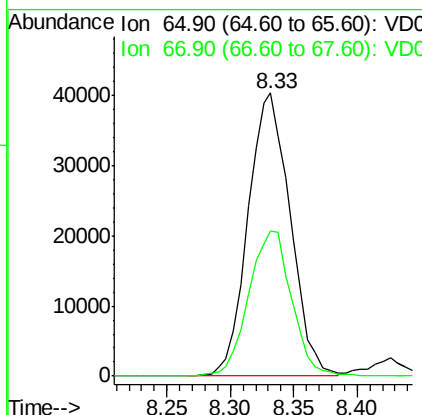
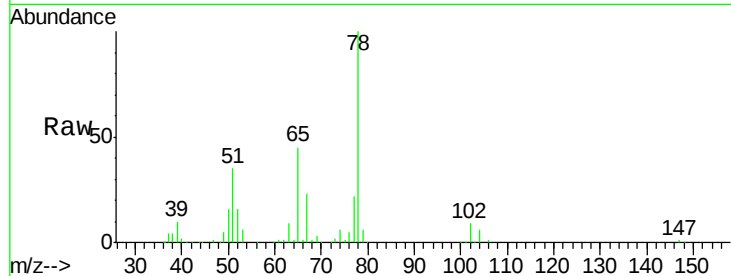




#33
 1,2-Dichloroethane-d4
 Concen: 47.634 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

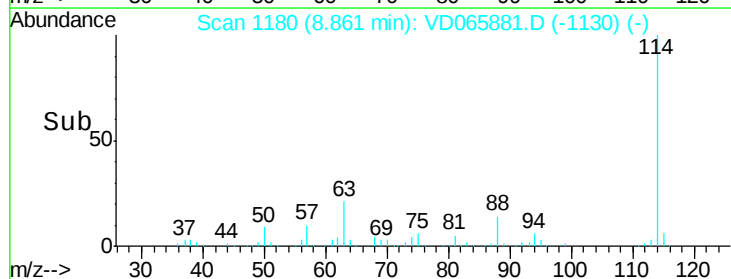
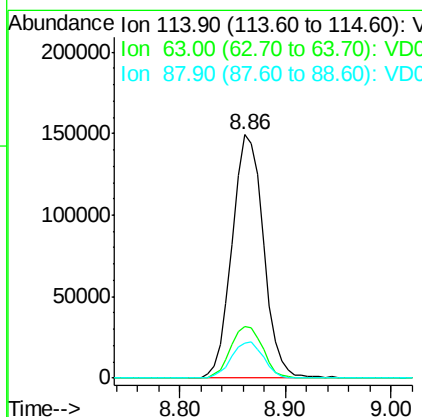
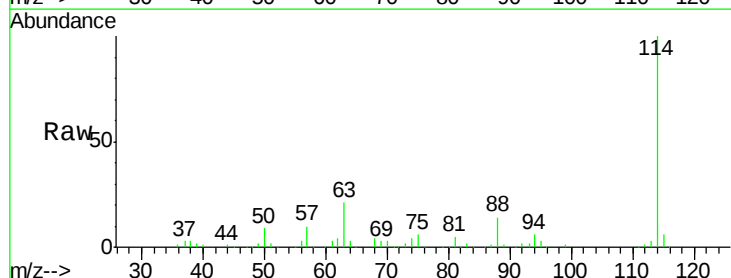
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

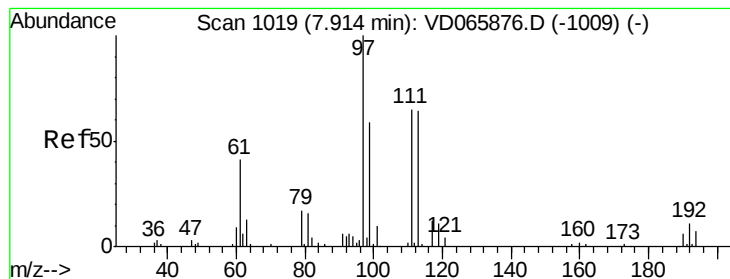
Tot Ion: 65 Resp: 93279
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 114 Resp: 307647
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.6
 88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.819 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

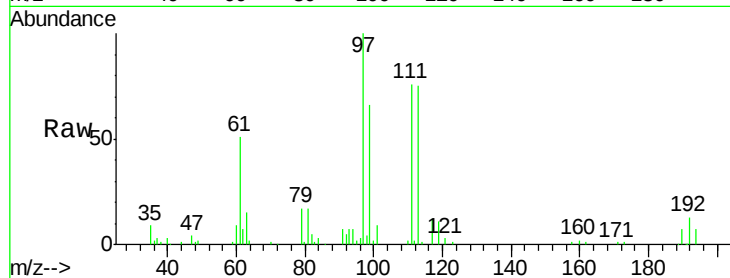
Tot Ion:113 Resp: 90931

Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.6

192 18.4 15.2 22.8

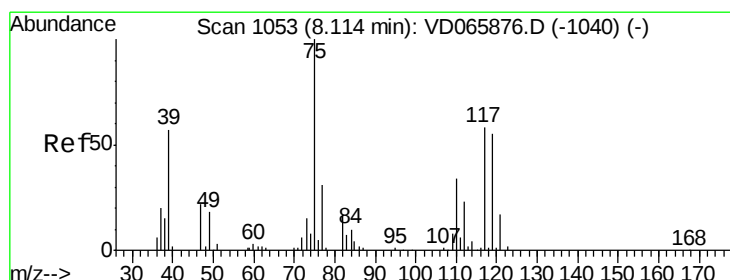
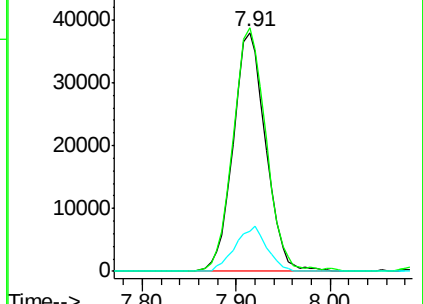
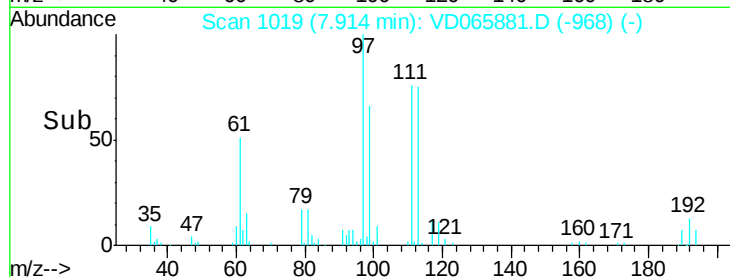


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



#36

1,1-Dichloropropene

Concen: 50.051 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

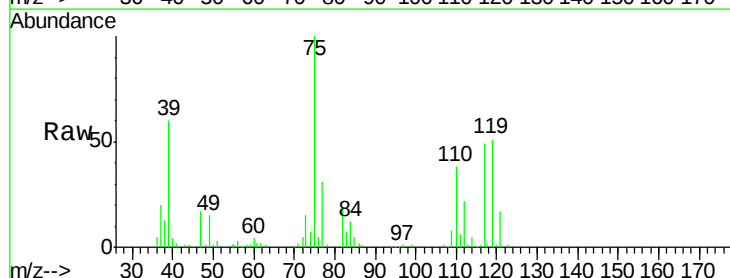
Tgt Ion: 75 Resp: 150149

Ion Ratio Lower Upper

75 100

110 35.1 16.8 50.4

77 30.7 24.0 36.0

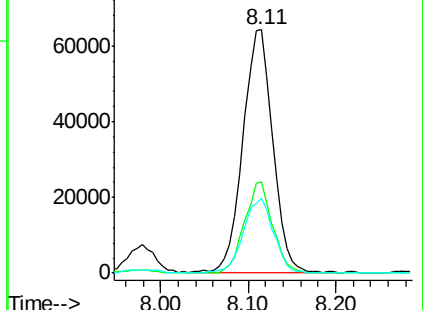
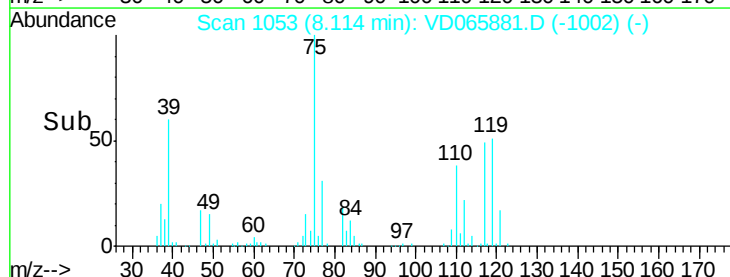


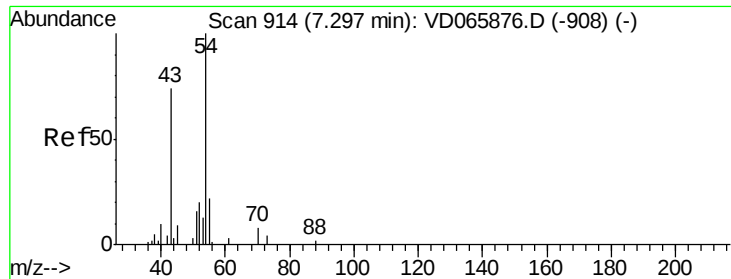
Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

Time-->

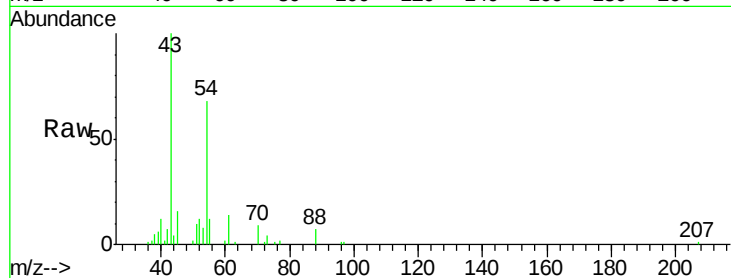




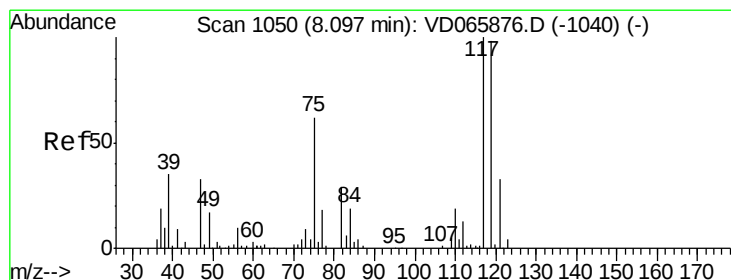
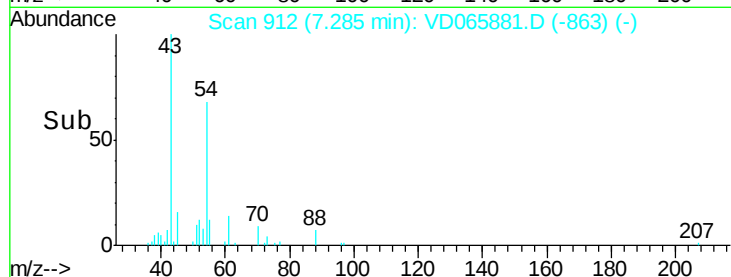
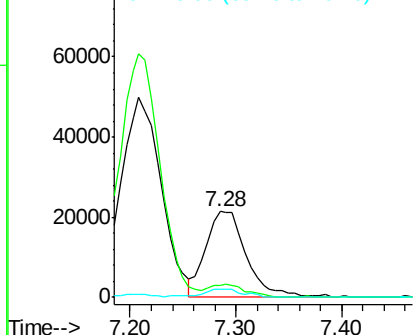
#37
Ethyl Acetate
Concen: 49.660 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 56964
Ion Ratio Lower Upper
43 100
61 14.3 0.0 0.0#
70 9.2 8.5 12.7

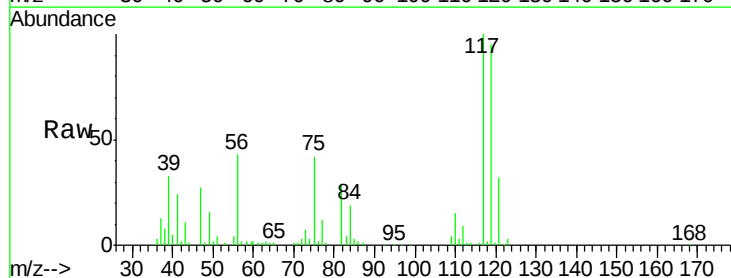


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

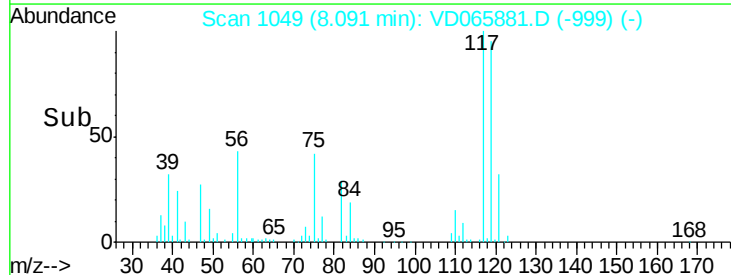
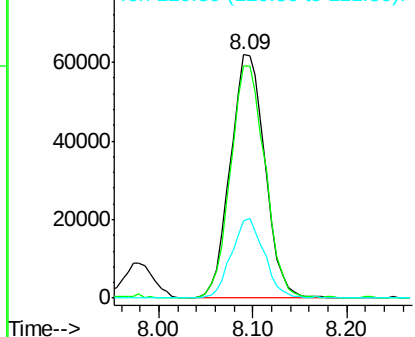


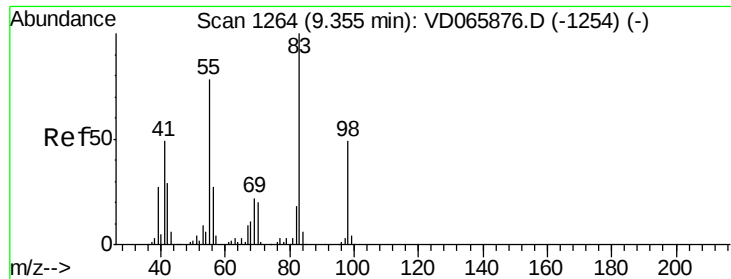
#38
Carbon Tetrachloride
Concen: 48.931 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 117 Resp: 158510
Ion Ratio Lower Upper
117 100
119 95.2 78.6 117.8
121 31.9 26.5 39.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

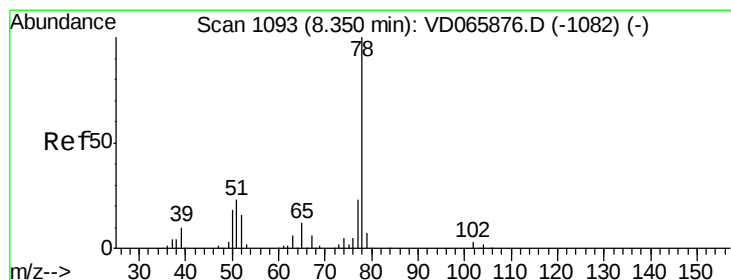
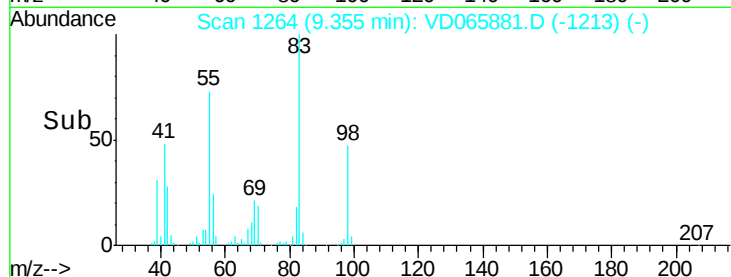
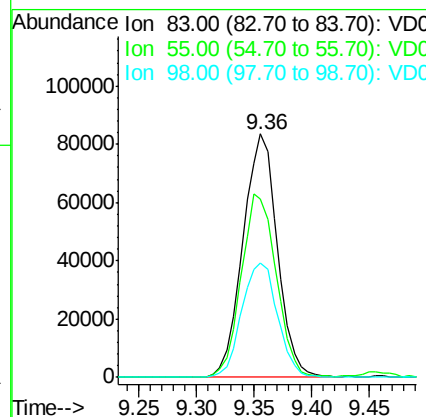
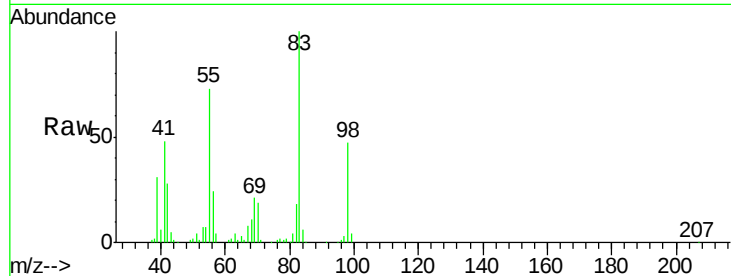




#39
Methvlcvclohexane
Concen: 48.575 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

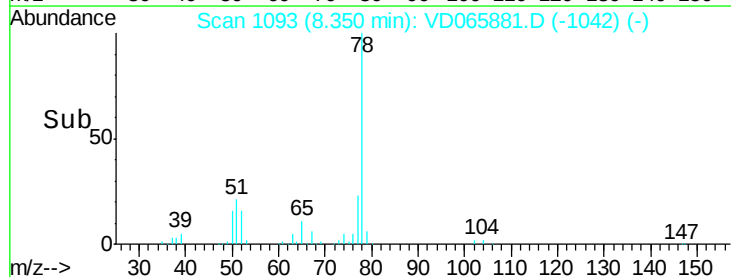
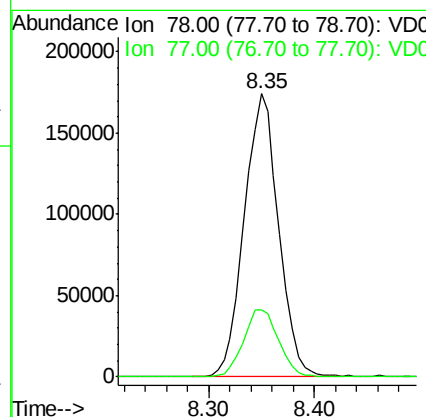
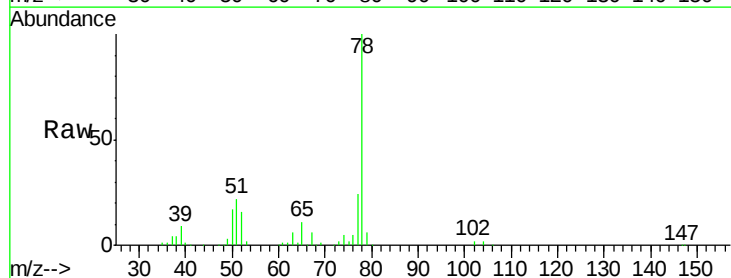
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

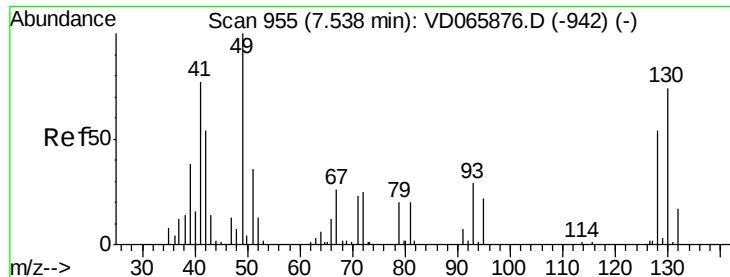
Tot Ion: 83 Resp: 173140
Ion Ratio Lower Upper
83 100
55 73.2 62.2 93.4
98 46.9 39.6 59.4



#40
Benzene
Concen: 47.252 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 78 Resp: 393274
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 131.034 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.02 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 82463

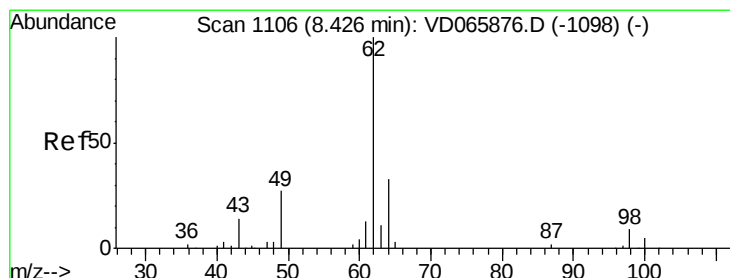
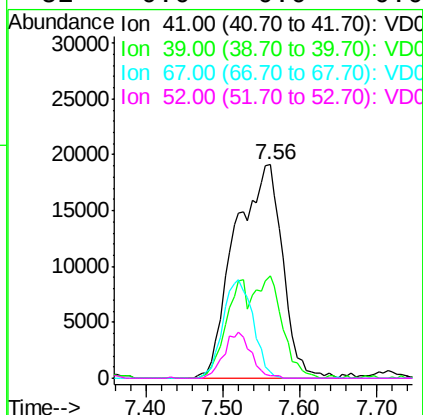
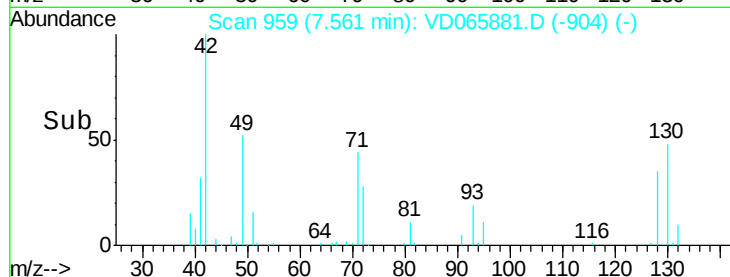
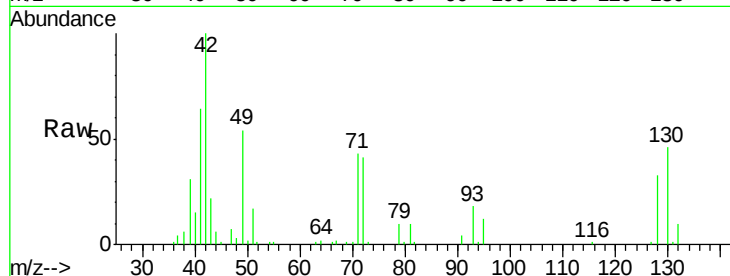
Ion Ratio Lower Upper

41 100

39 0.0 82.7 124.1#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#42

1,2-Dichloroethane

Concen: 48.341 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD065881.D

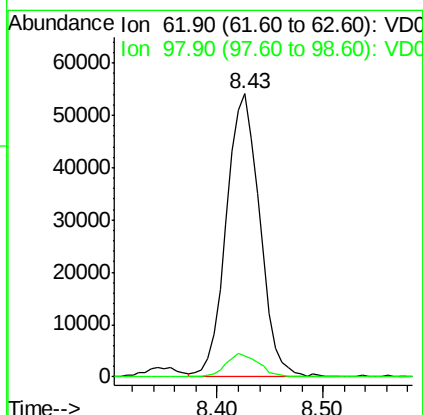
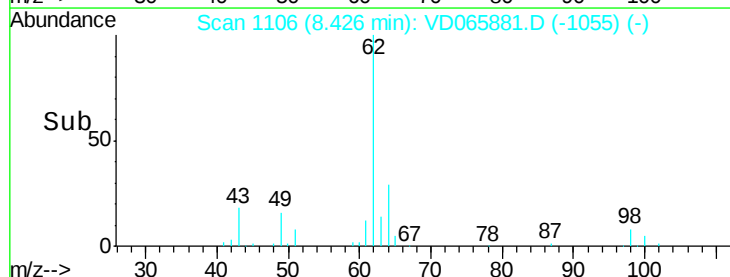
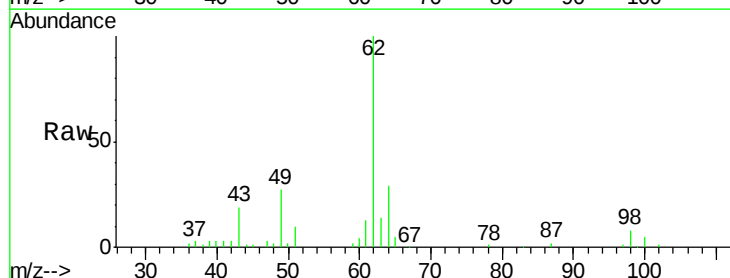
Acq: 29 Jun 2020 12:36

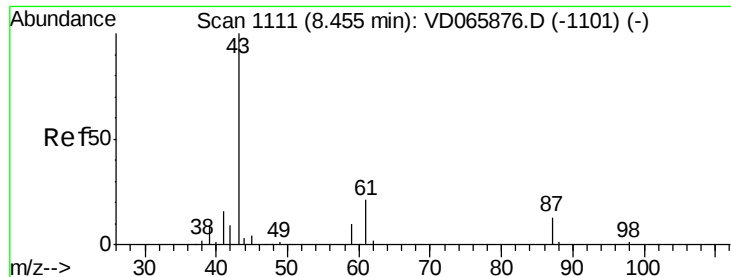
Tgt Ion: 62 Resp: 118691

Ion Ratio Lower Upper

62 100

98 8.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 49.895 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

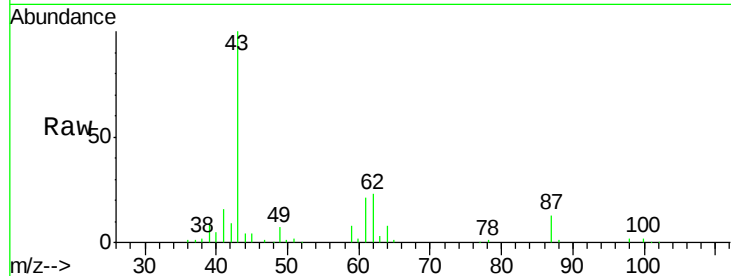
Tot Ion: 43 Resp: 110902

Ion Ratio Lower Upper

43 100

61 29.4 25.2 37.8

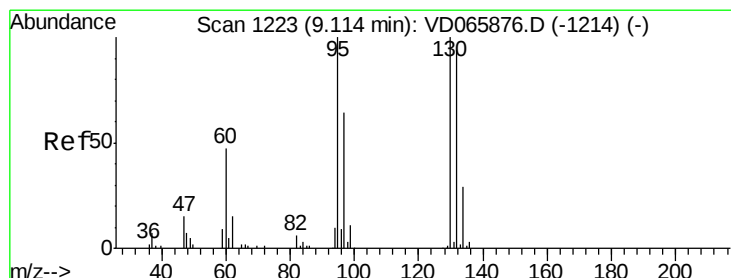
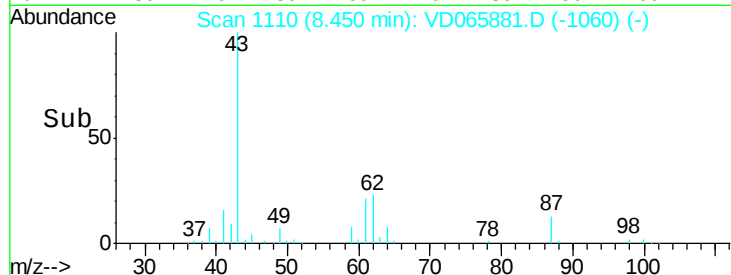
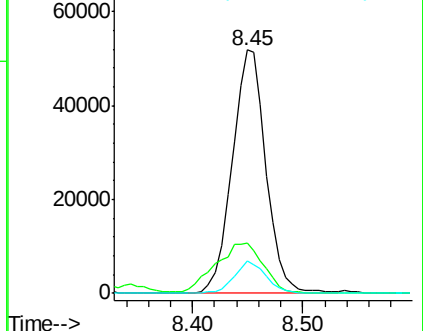
87 12.4 10.4 15.6



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: 47.905 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065881.D

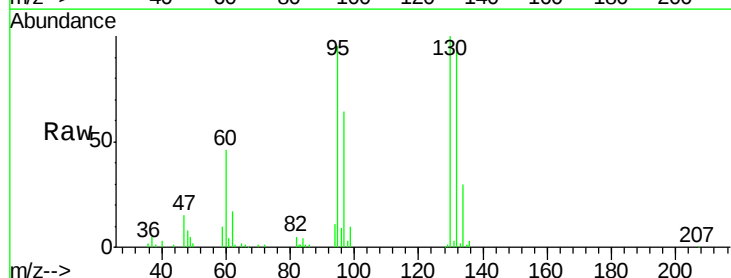
Acq: 29 Jun 2020 12:36

Tgt Ion:130 Resp: 108010

Ion Ratio Lower Upper

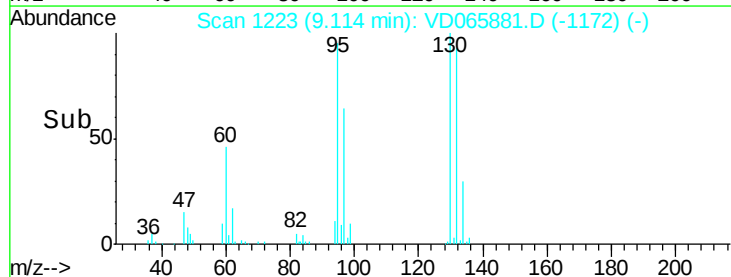
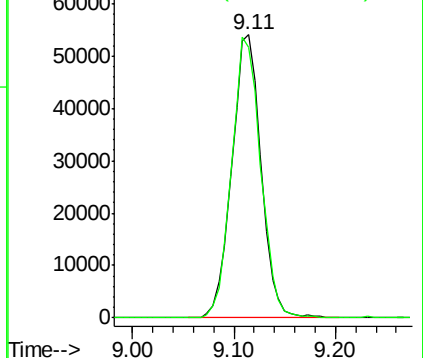
130 100

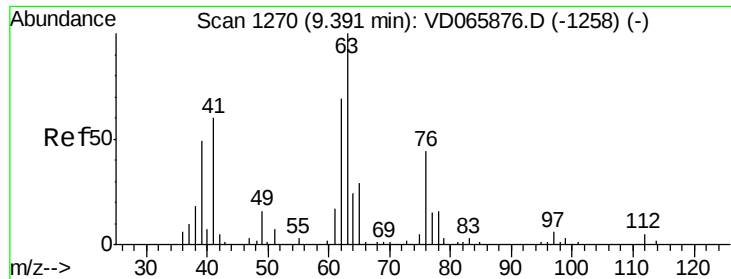
95 95.5 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

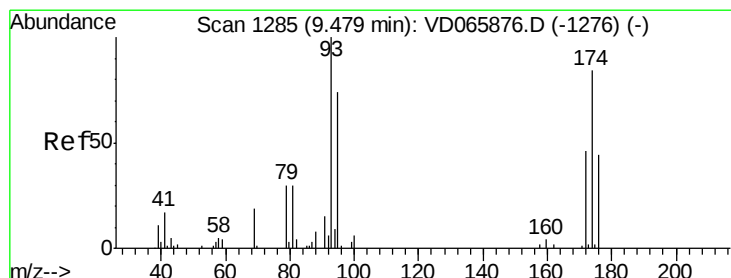
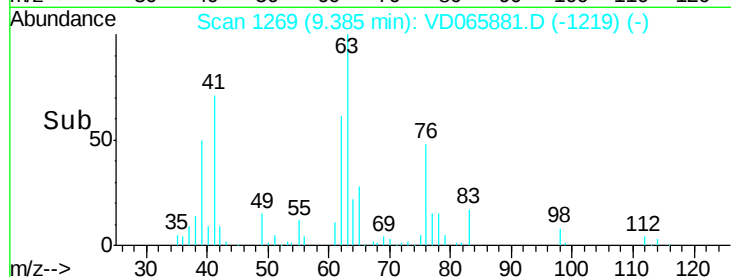
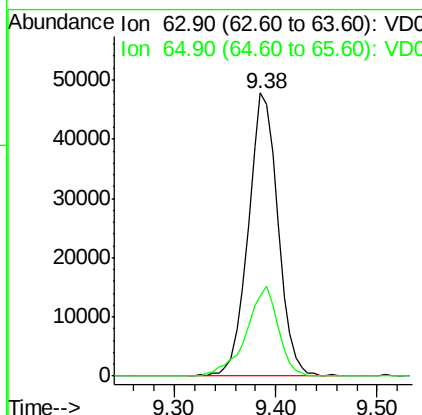
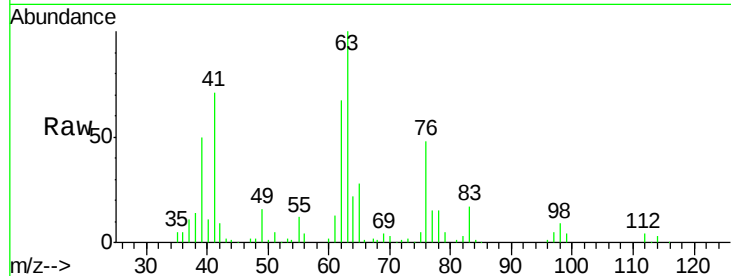




#45
 1,2-Dichloropropane
 Concen: 48.886 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

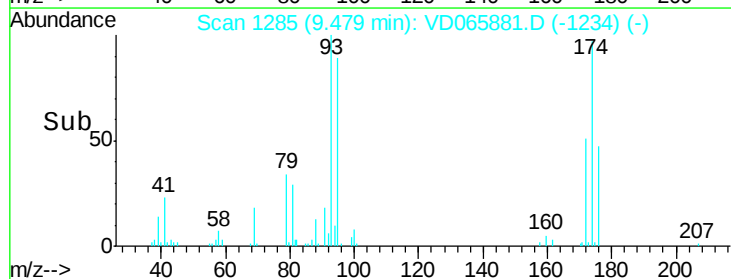
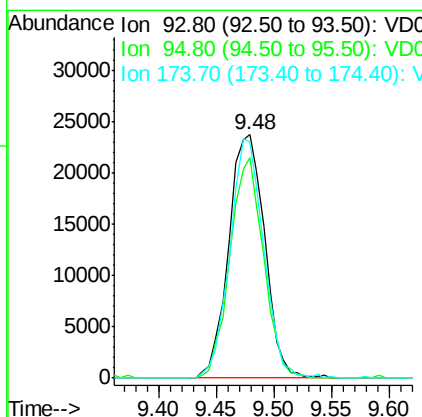
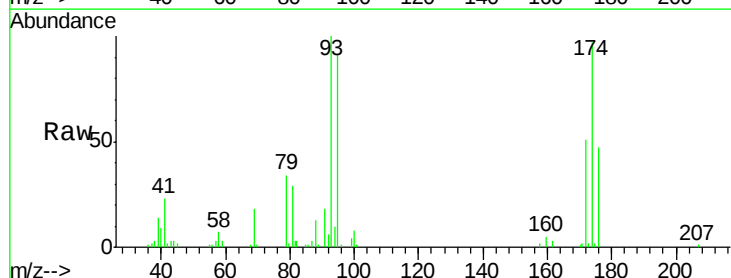
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

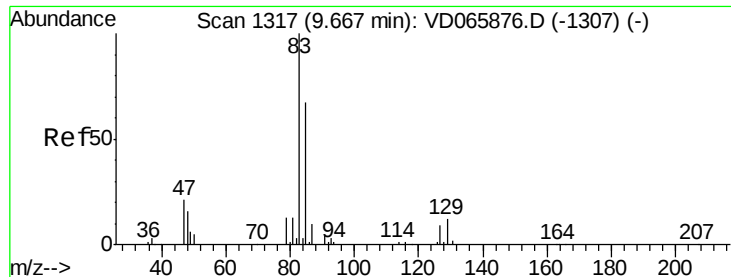
Tot Ion: 63 Resp: 97465
 Ion Ratio Lower Upper
 63 100
 65 28.4 23.4 35.0



#46
 Dibromomethane
 Concen: 46.504 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 93 Resp: 51394
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.4 98.0
 174 92.2 75.2 112.8





#47

Bromodichloromethane

Concen: 48.653 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

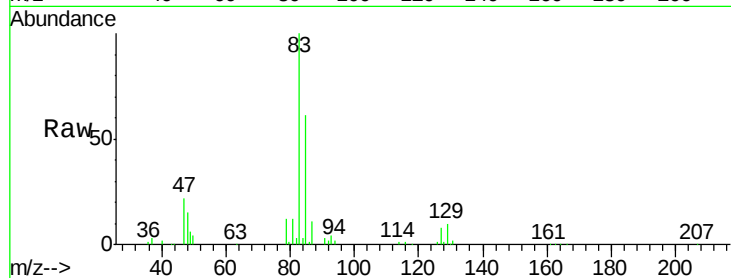
Tot Ion: 83 Resp: 142877

Ion Ratio Lower Upper

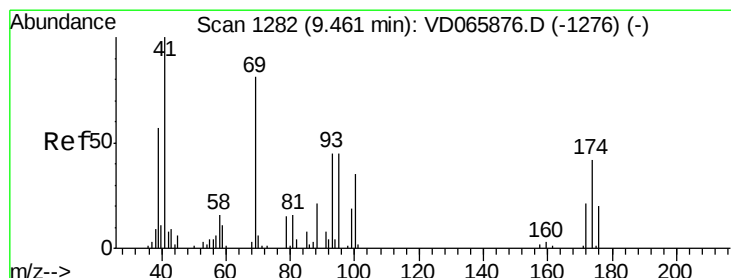
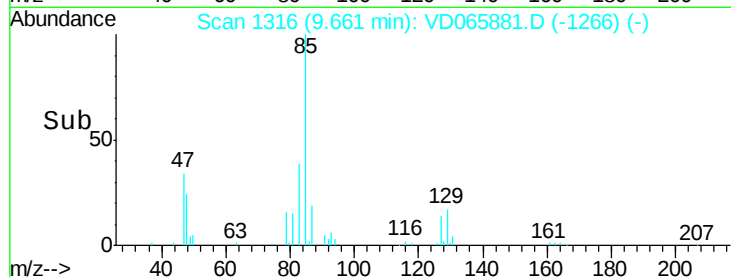
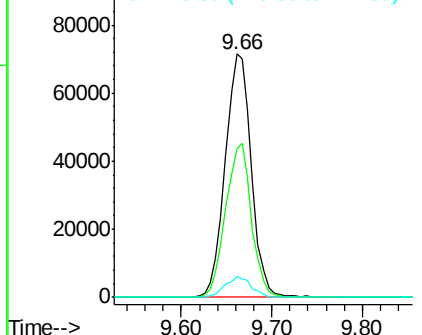
83 100

85 61.0 53.9 80.9

127 8.3 7.0 10.4



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



#48

Methyl methacrylate

Concen: 46.377 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

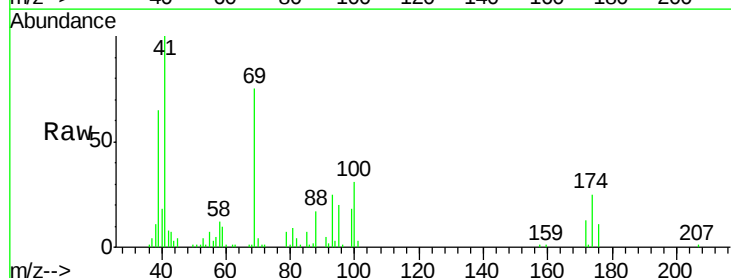
Tgt Ion: 41 Resp: 50528

Ion Ratio Lower Upper

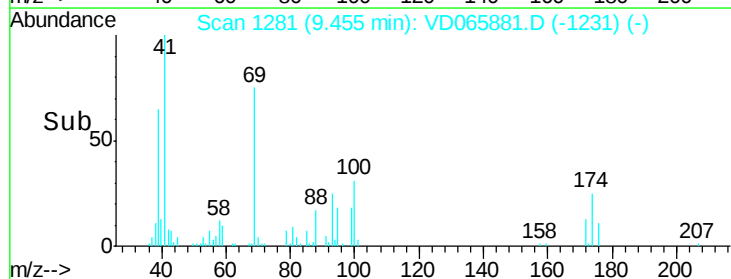
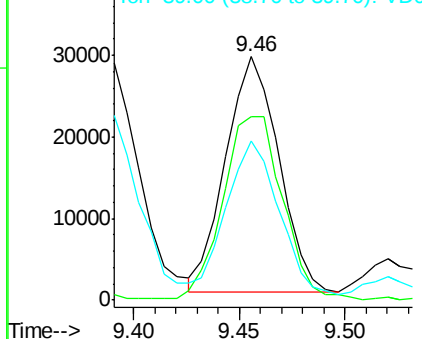
41 100

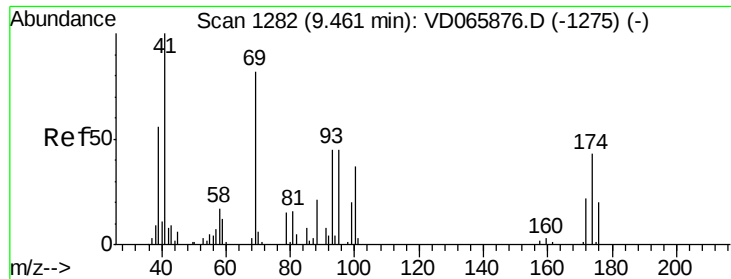
69 87.9 68.3 102.5

39 64.9 54.1 81.1



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

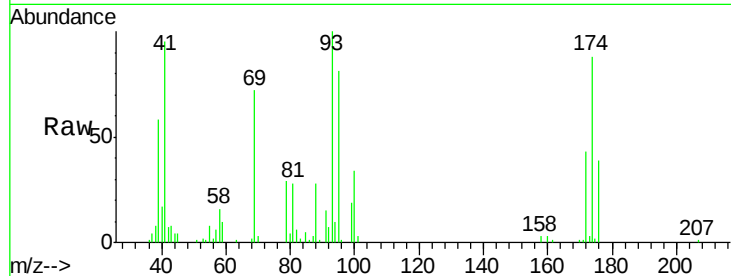




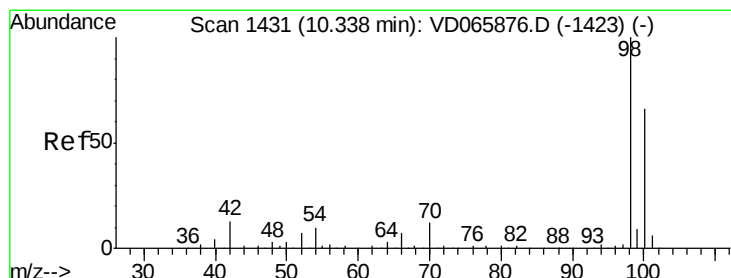
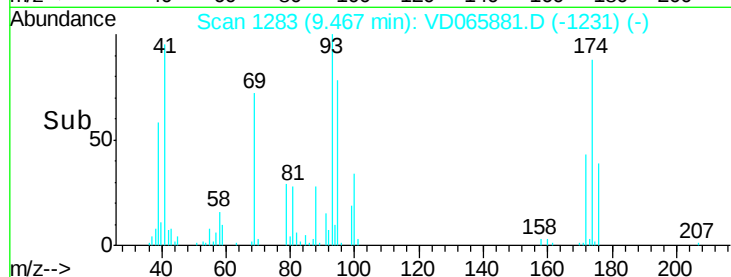
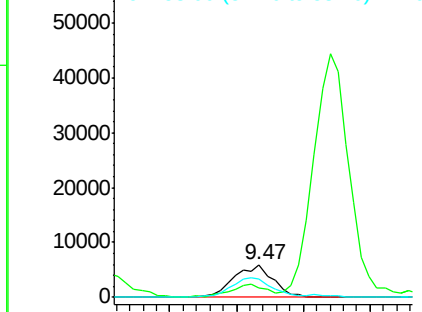
#49
1,4-Dioxane
Concen: 1065.723 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 12048
Ion Ratio Lower Upper
88 100
43 36.5 35.8 53.8
58 63.8 58.6 87.8

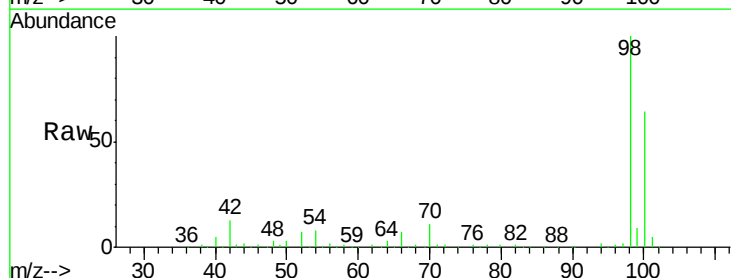


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

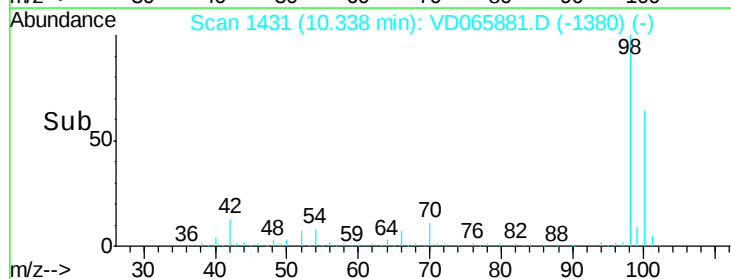
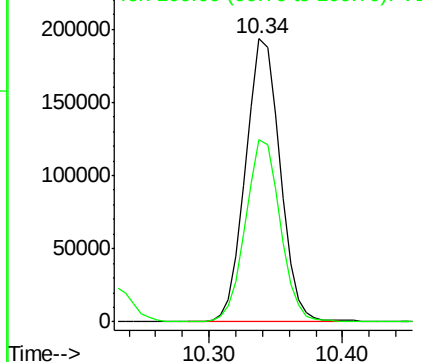


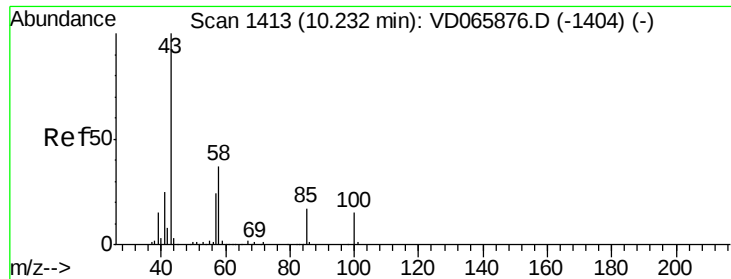
#50
Toluene-d8
Concen: 48.427 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 98 Resp: 346404
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



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





#51

4-Methyl-2-Pentanone

Concen: 246.468 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

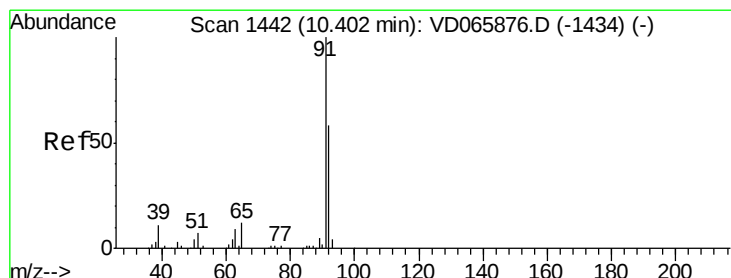
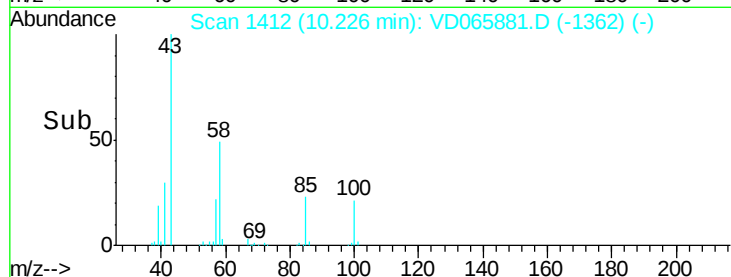
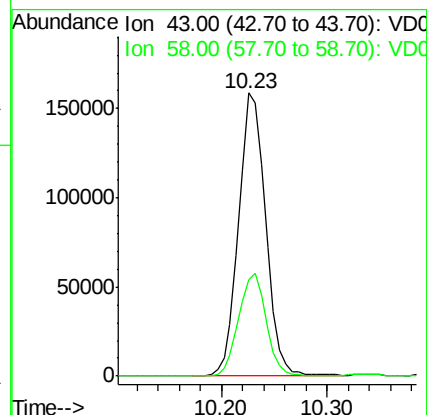
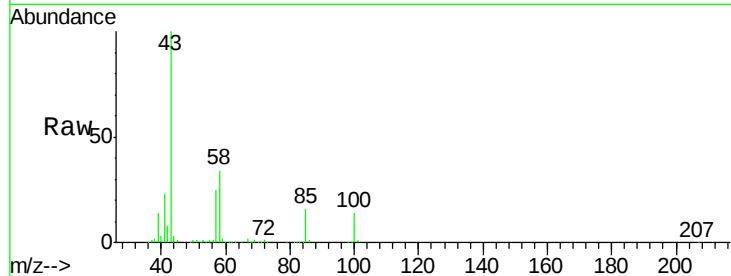
VSTDCCC050

Tot Ion: 43 Resp: 282386

Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3



#52

Toluene

Concen: 47.944 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD065881.D

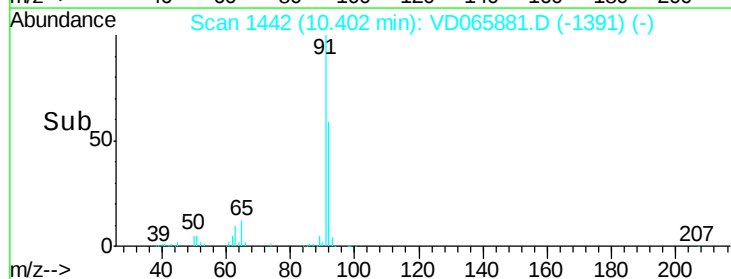
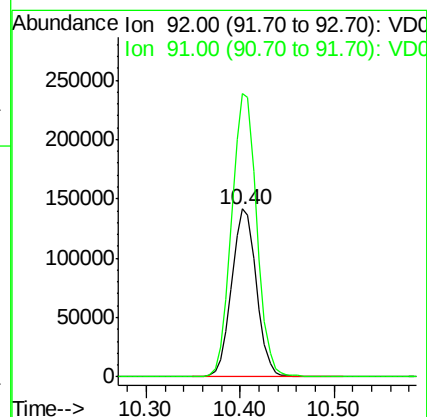
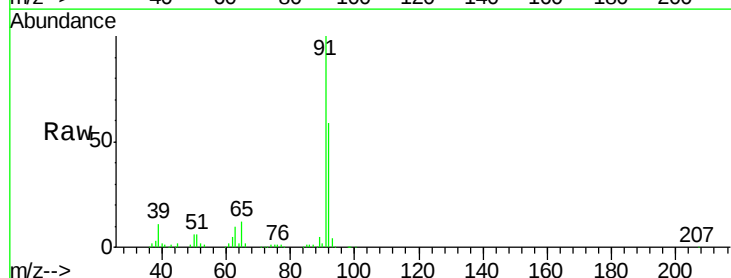
Acq: 29 Jun 2020 12:36

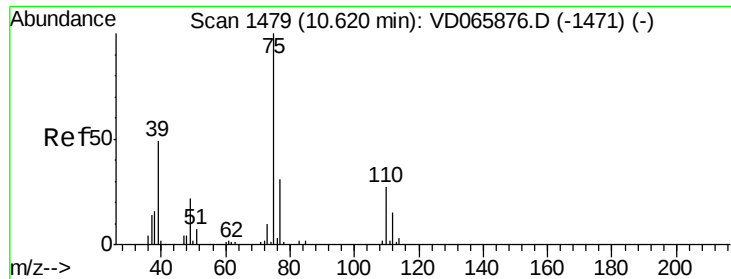
Tgt Ion: 92 Resp: 259435

Ion Ratio Lower Upper

92 100

91 170.9 140.8 211.2

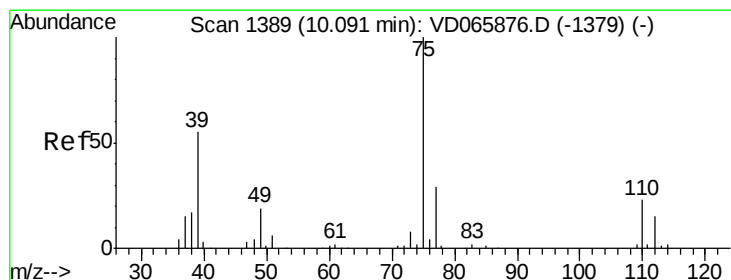
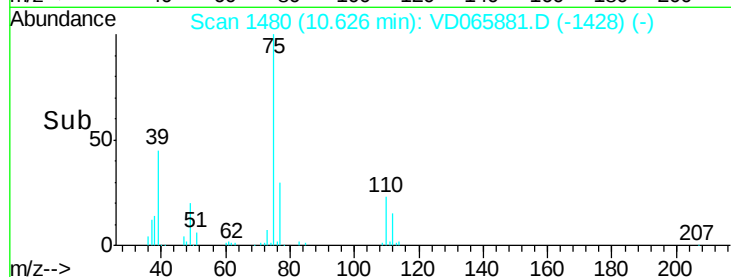
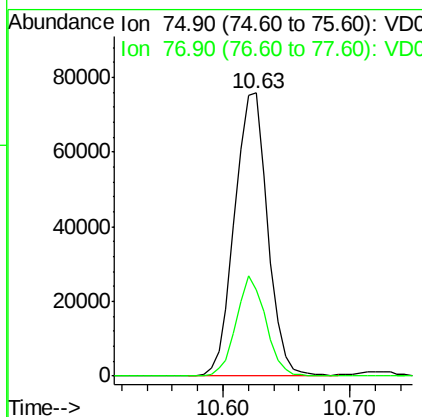
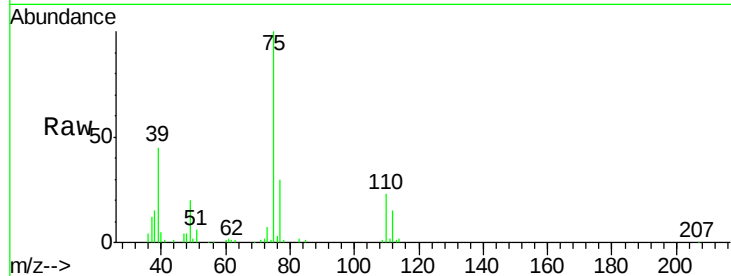




#53
t-1,3-Dichloropropene
Concen: 48.997 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

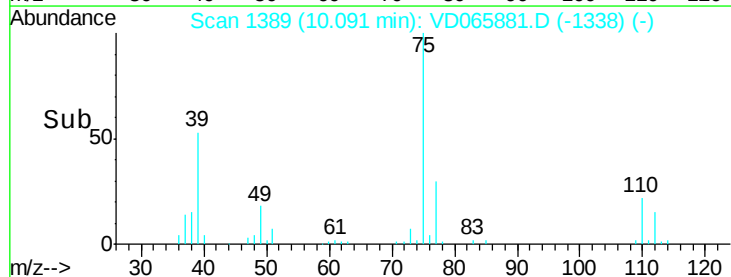
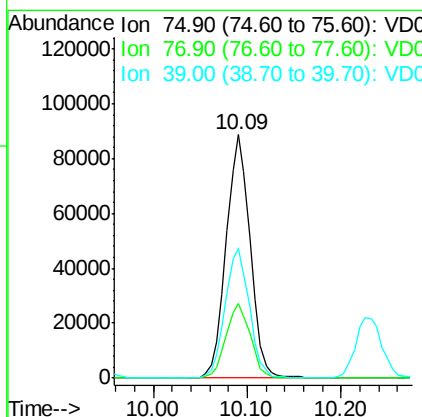
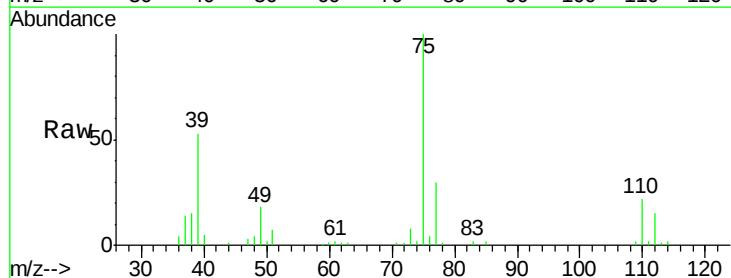
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

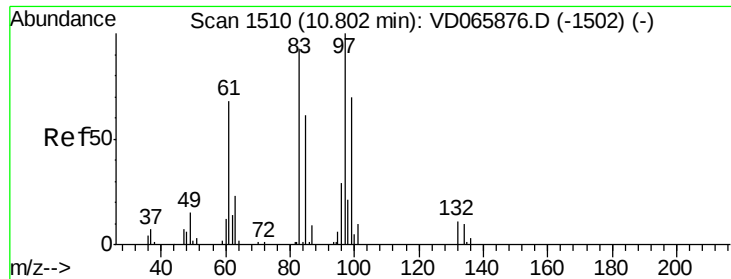
Tot Ion: 75 Resp: 137351
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 47.855 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 75 Resp: 157517
Ion Ratio Lower Upper
75 100
77 30.4 23.4 35.0
39 53.1 43.9 65.9





#55

1,1,2-Trichloroethane

Concen: 48.087 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 70427

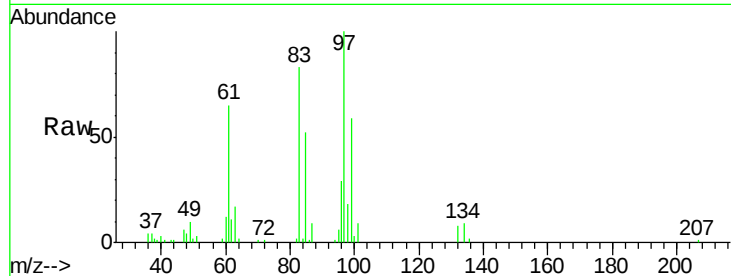
Ion Ratio Lower Upper

97 100

83 82.6 74.2 111.4

85 52.3 48.8 73.2

99 59.3 55.9 83.9

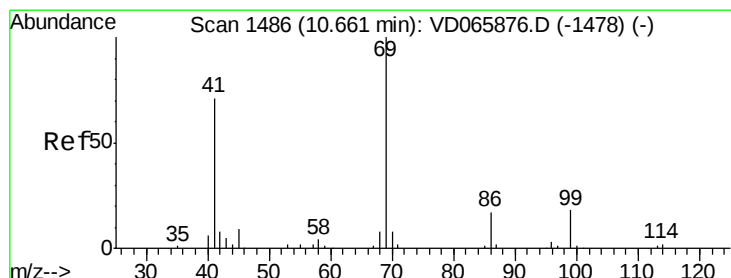
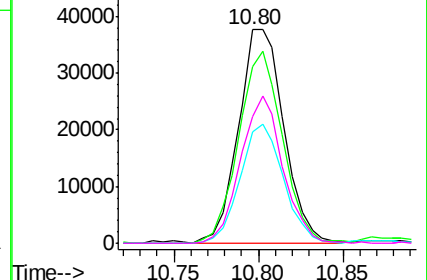
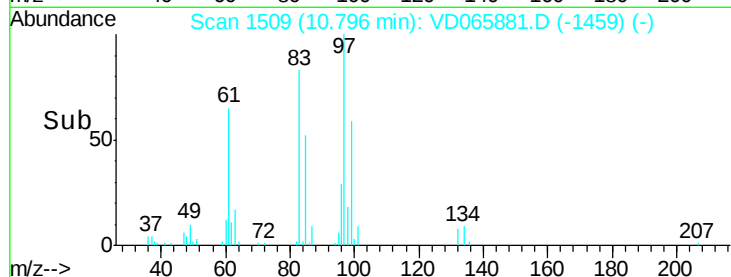


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 49.340 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

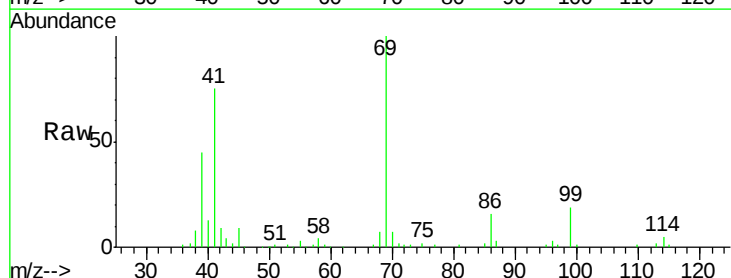
Tgt Ion: 69 Resp: 89728

Ion Ratio Lower Upper

69 100

41 70.3 55.4 83.2

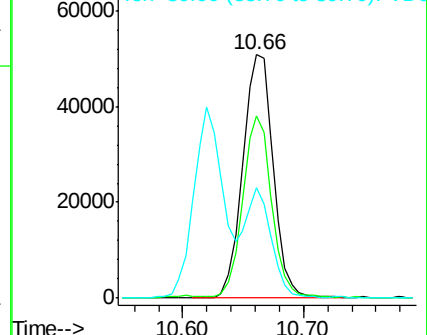
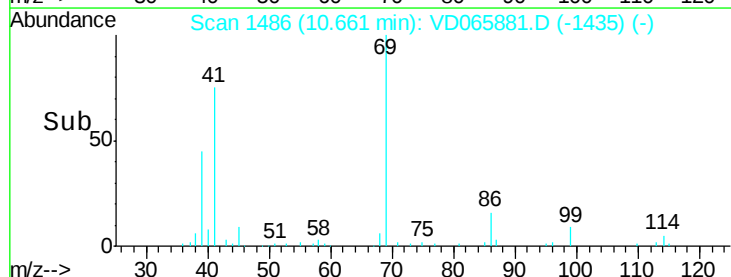
39 39.1 33.0 49.4

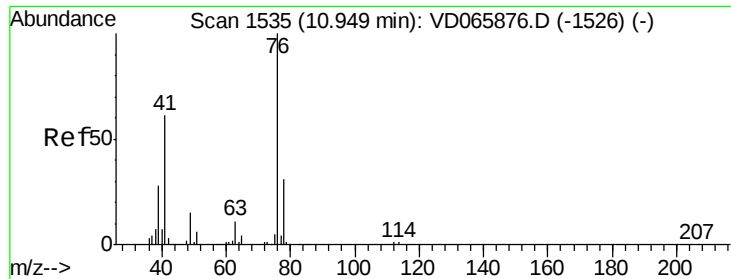


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

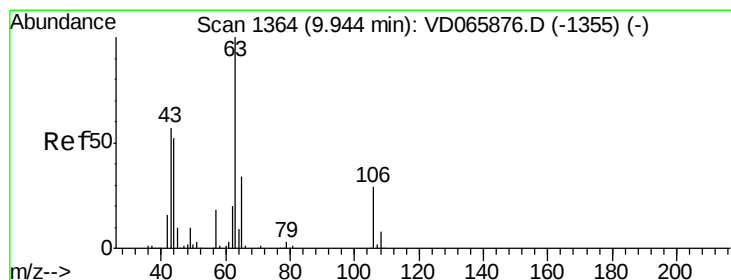
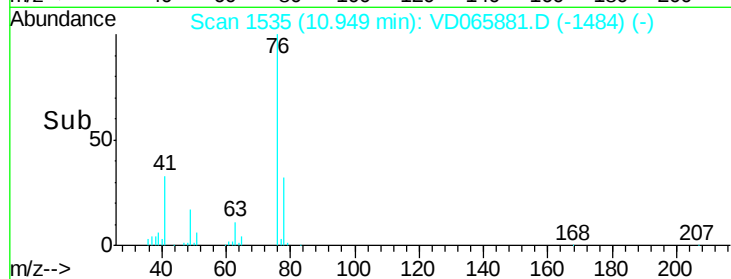
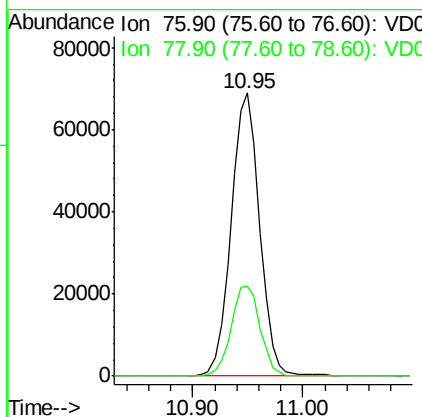
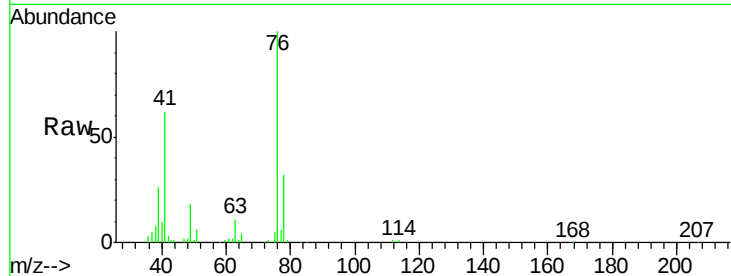




#57
 1,3-Dichloropropane
 Concen: 48.431 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

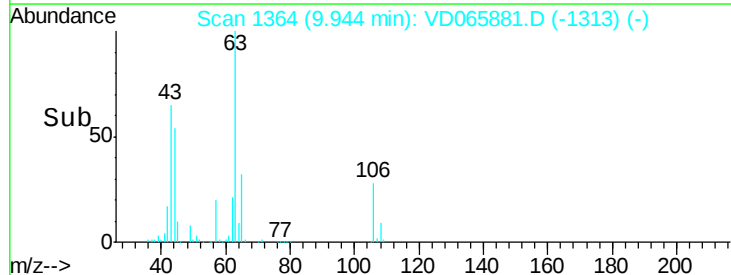
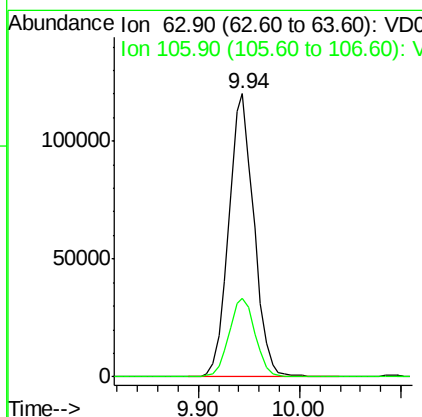
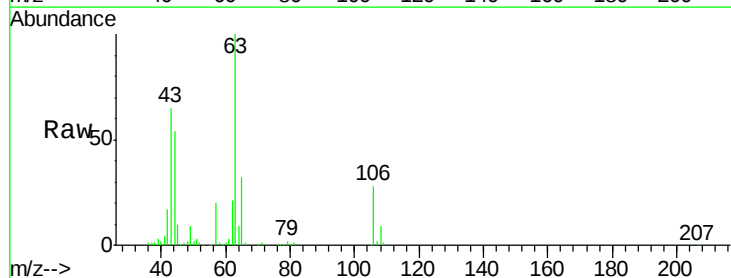
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

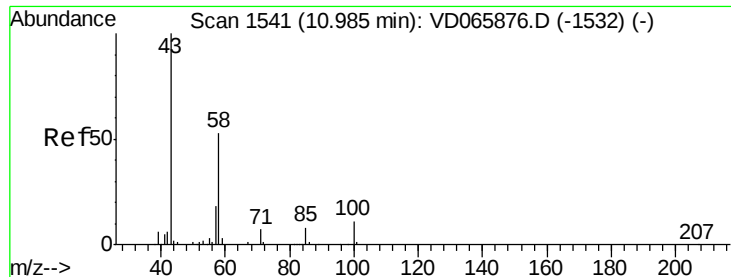
Tot Ion: 76 Resp: 124422
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.1 37.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.481 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 63 Resp: 206835
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.6 34.0

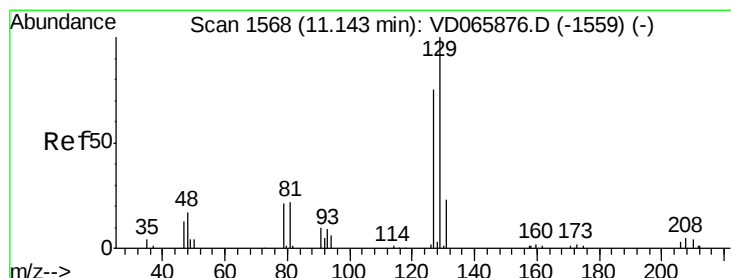
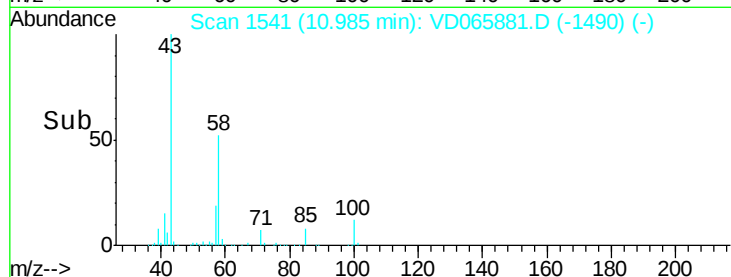
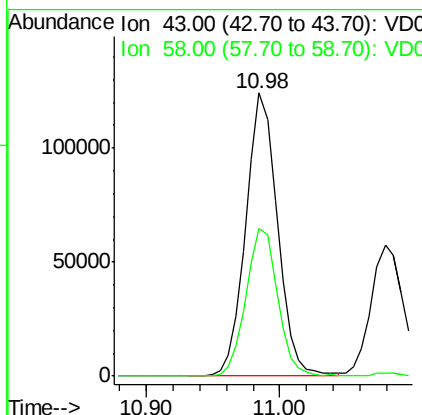
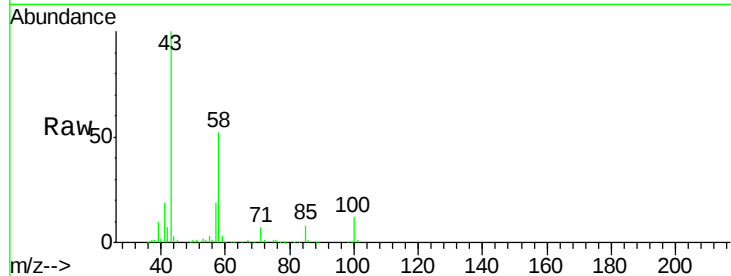




#59
2-Hexanone
Concen: 253.942 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

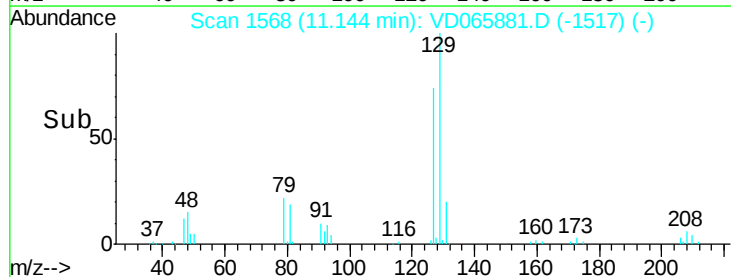
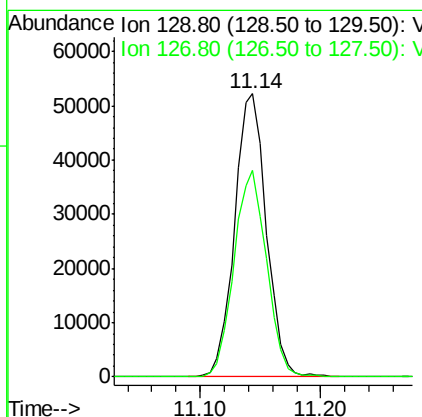
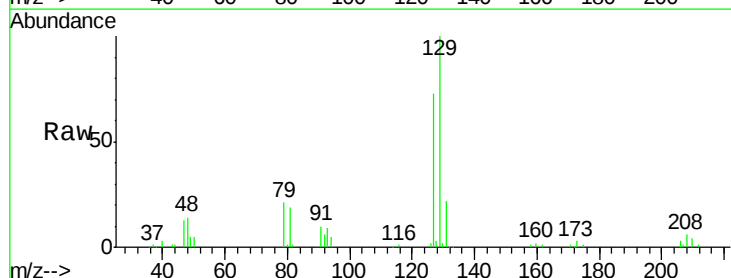
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

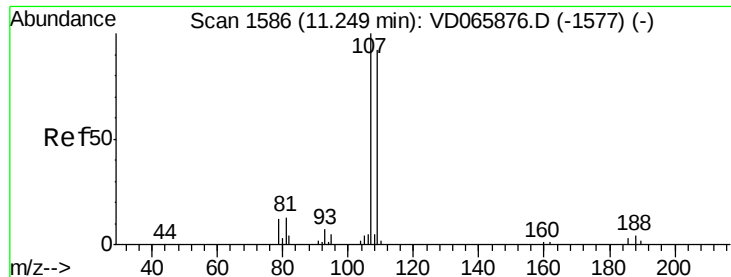
Tot Ion: 43 Resp: 203941
Ion Ratio Lower Upper
43 100
58 52.0 26.1 78.3



#60
Dibromochloromethane
Concen: 47.913 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 129 Resp: 95848
Ion Ratio Lower Upper
129 100
127 74.6 39.1 117.2

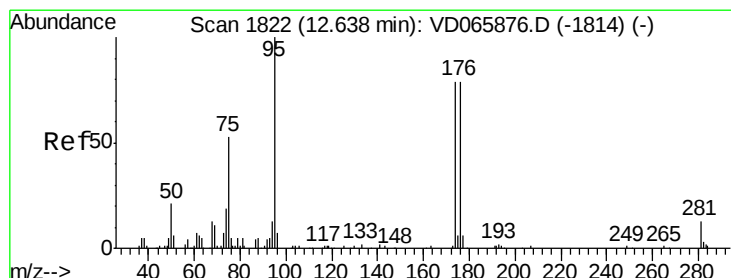
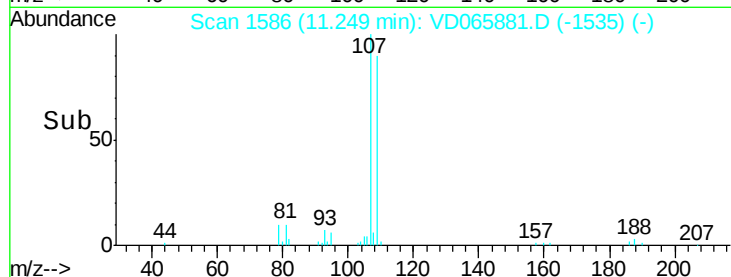
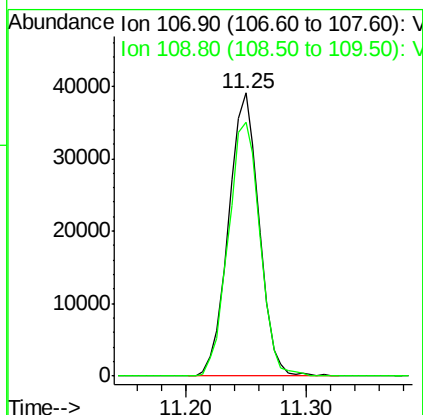
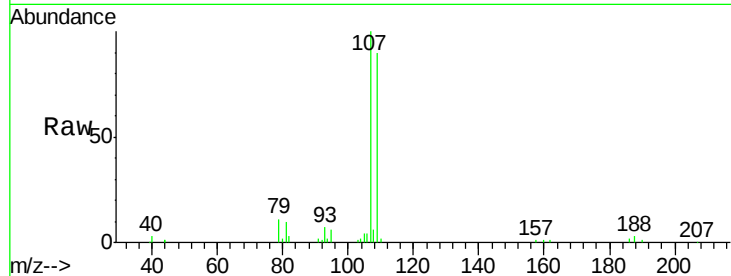




#61
 1,2-Dibromoethane
 Concen: 47.994 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

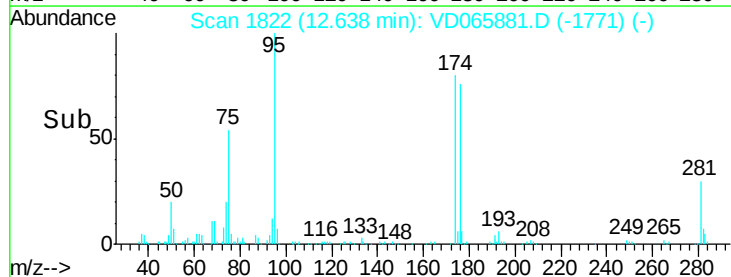
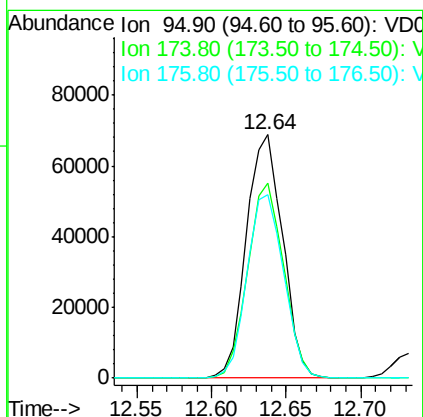
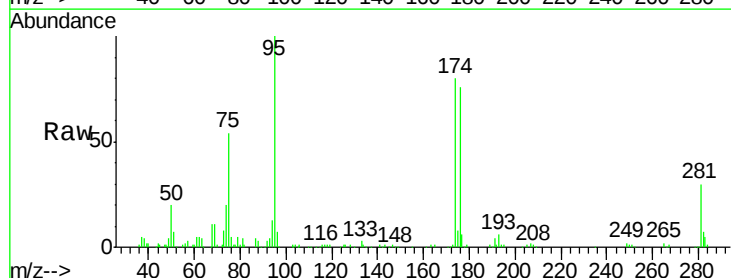
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

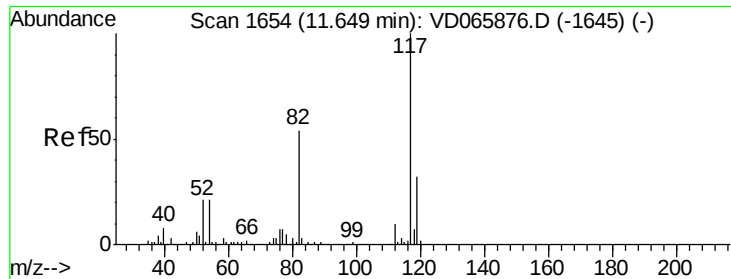
Tot Ion:107 Resp: 68795
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.352 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 95 Resp: 115649
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 158.4
 176 76.3 0.0 156.0

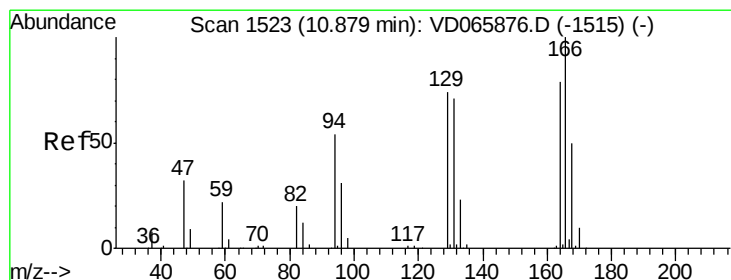
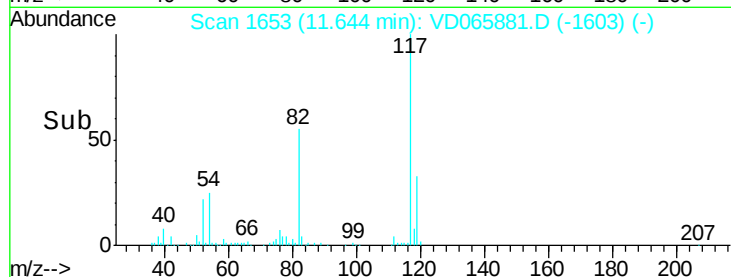
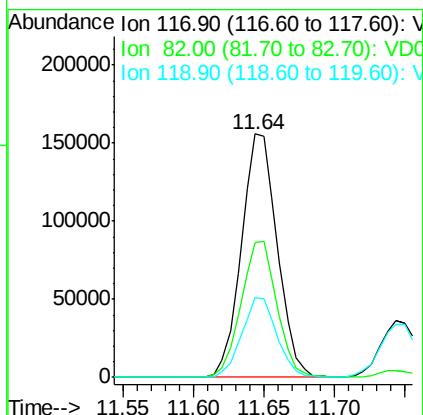
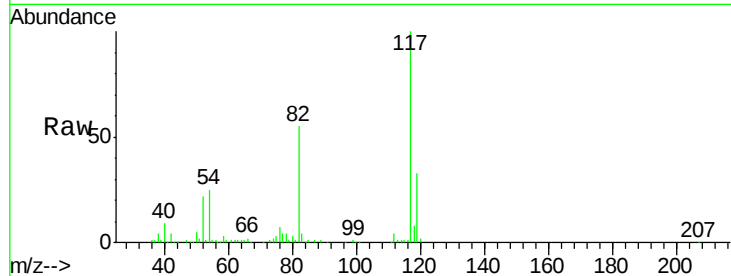




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

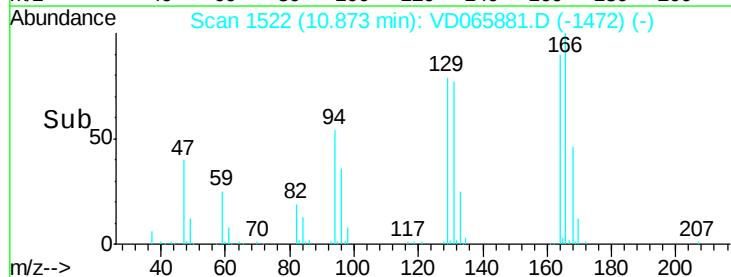
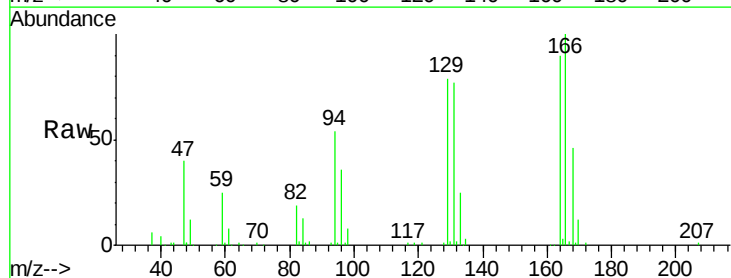
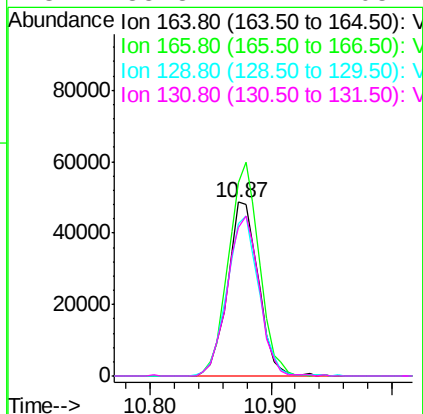
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

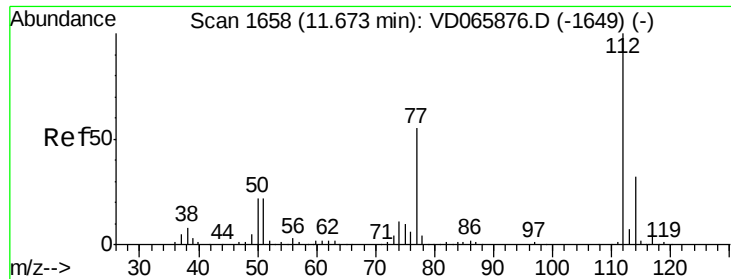
Tot Ion:117 Resp: 277601
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 47.577 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion:164 Resp: 86245
Ion Ratio Lower Upper
164 100
166 111.6 101.3 151.9
129 87.9 74.5 111.7
131 85.8 72.2 108.4

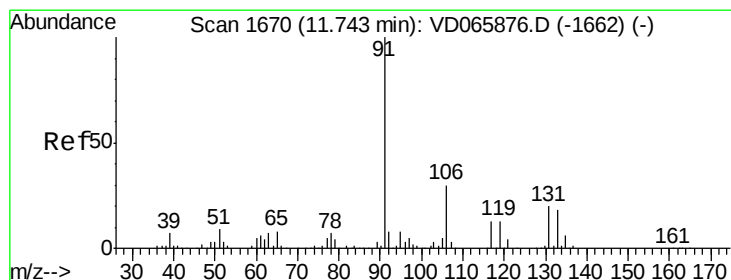
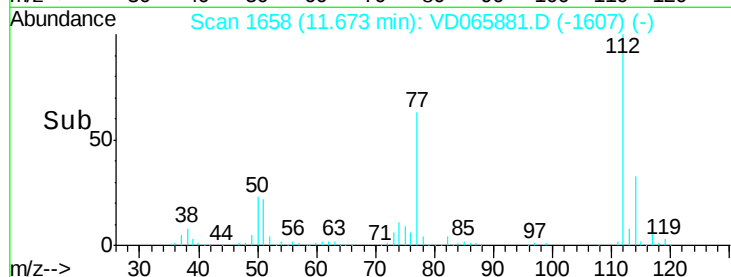
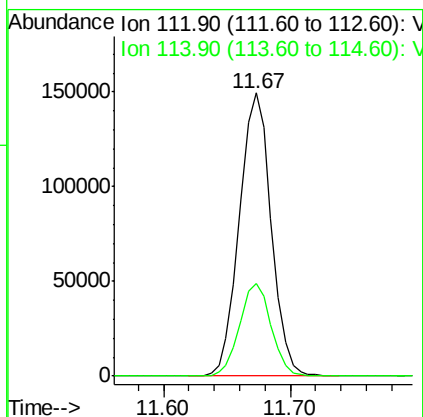
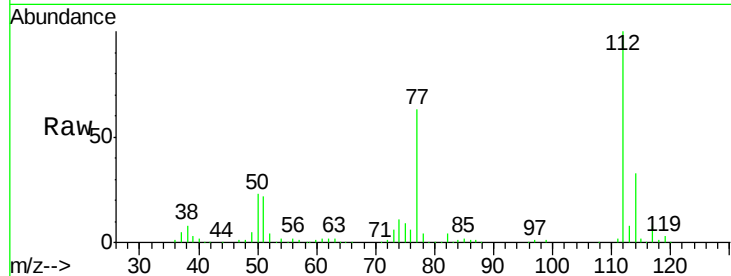




#65
Chlorobenzene
Concen: 47.231 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

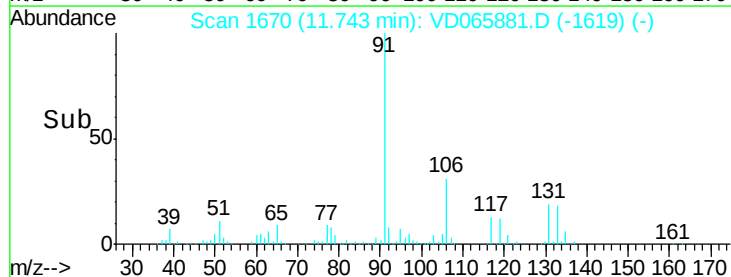
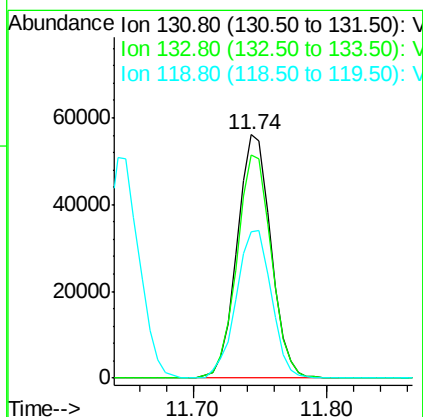
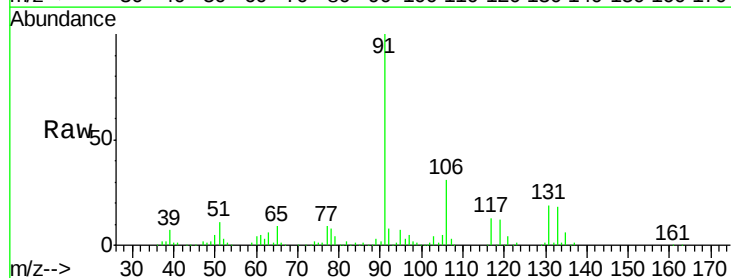
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

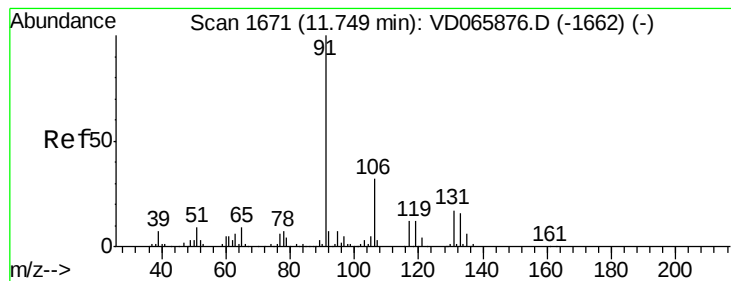
Tot Ion:112 Resp: 260074
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.886 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion:131 Resp: 98228
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.3
119 63.1 33.0 98.9





#67

Ethyl Benzene

Concen: 47.897 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

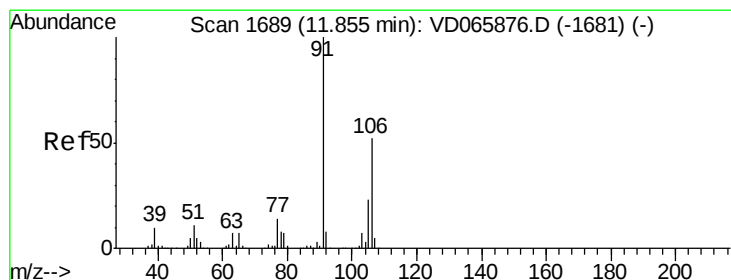
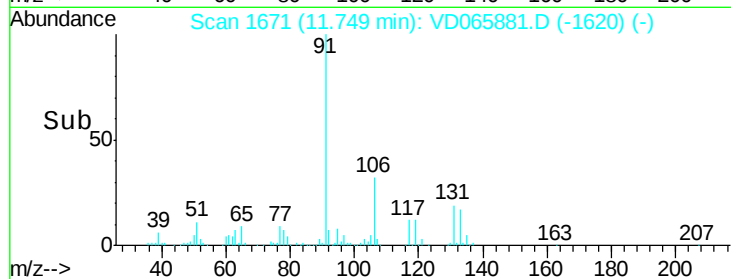
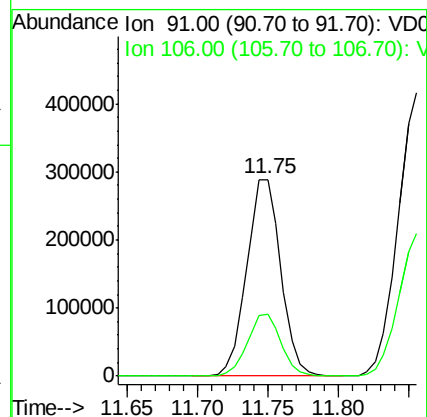
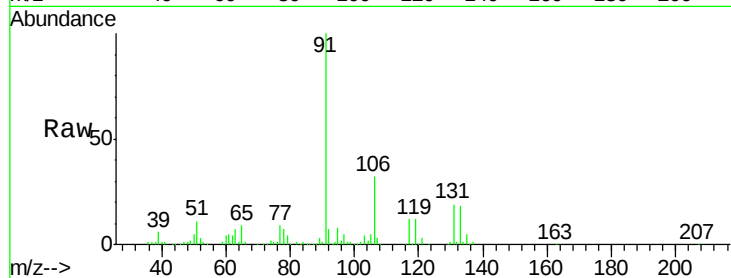
VSTDCCC050

Tot Ion: 91 Resp: 489835

Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9



#68

m/p-Xylenes

Concen: 99.613 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065881.D

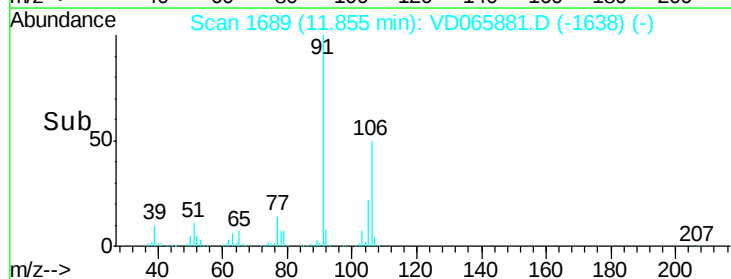
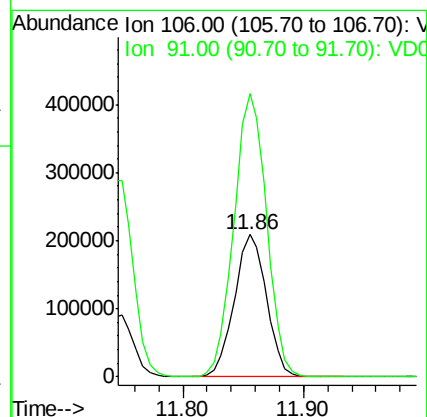
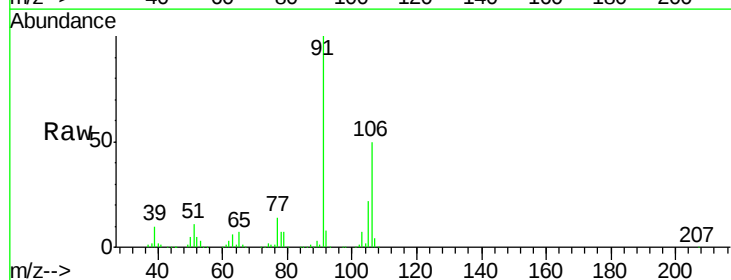
Acq: 29 Jun 2020 12:36

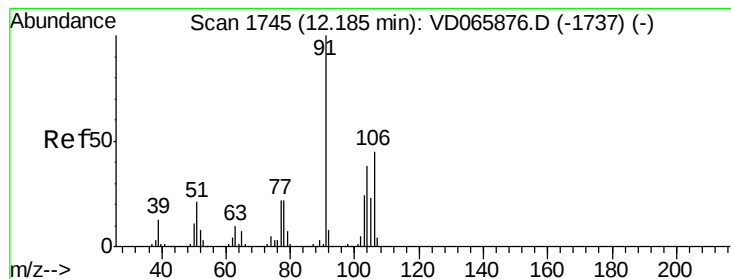
Tgt Ion: 106 Resp: 387864

Ion Ratio Lower Upper

106 100

91 201.8 159.5 239.3





#69

o-Xylene

Concen: 49.034 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleID :

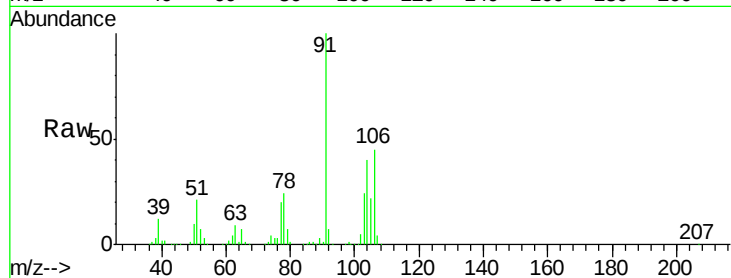
VSTDCCC050

Tot Ion:106 Resp: 171571

Ion Ratio Lower Upper

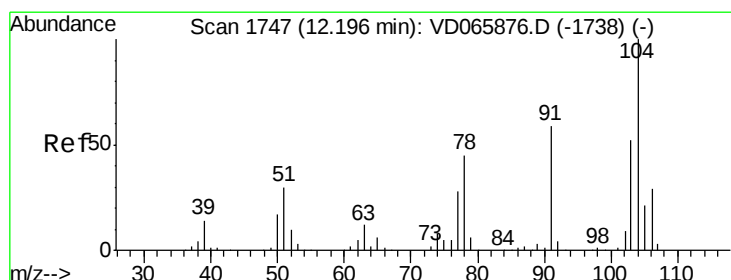
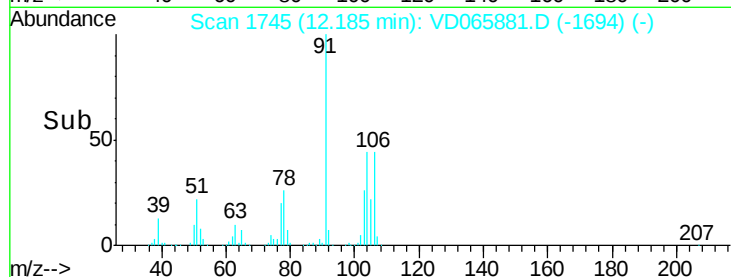
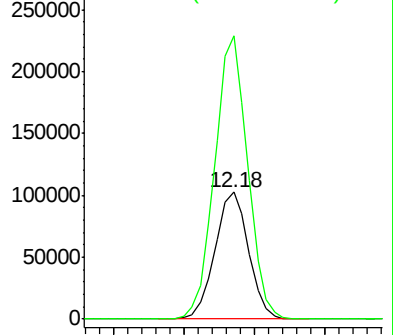
106 100

91 218.3 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 50.230 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

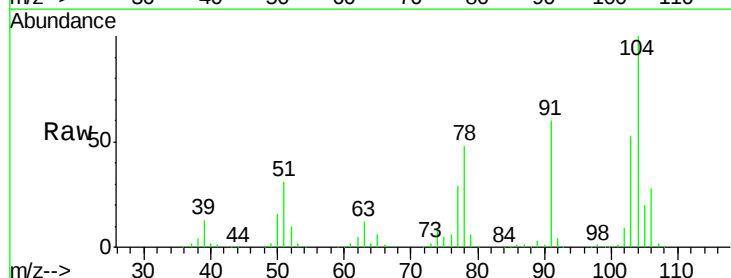
Tgt Ion:104 Resp: 307320

Ion Ratio Lower Upper

104 100

78 50.0 39.8 59.6

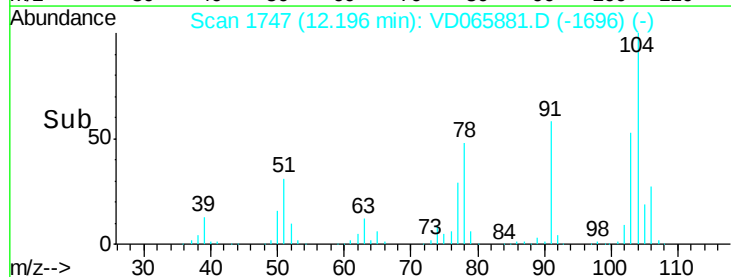
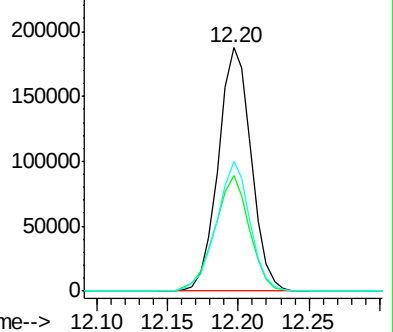
103 54.2 44.6 66.8

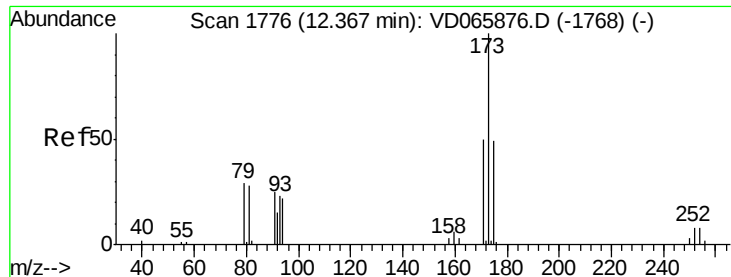


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V

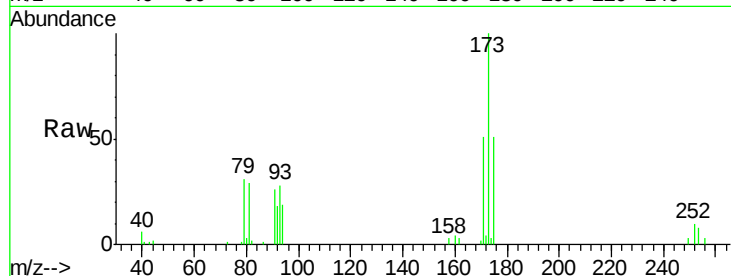




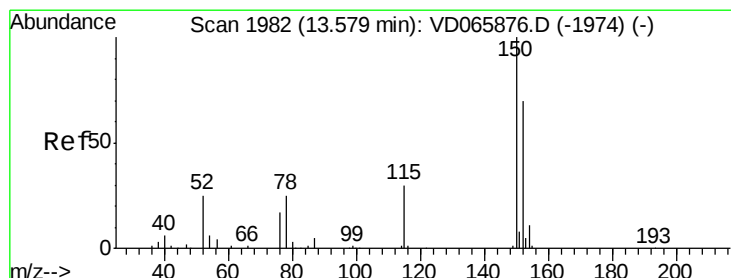
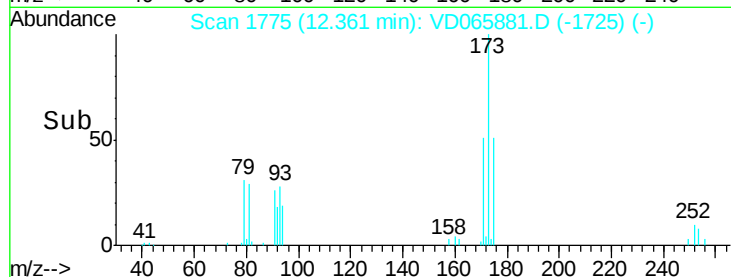
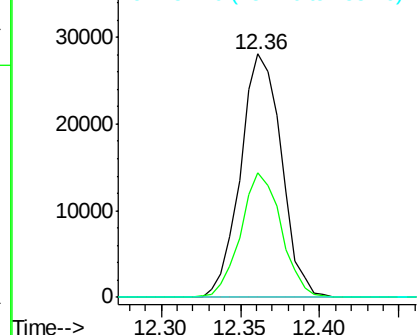
#71
Bromoform
Concen: 46.211 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 50340
Ion Ratio Lower Upper
173 100
175 50.8 23.9 71.8
254 0.0 0.0 0.0

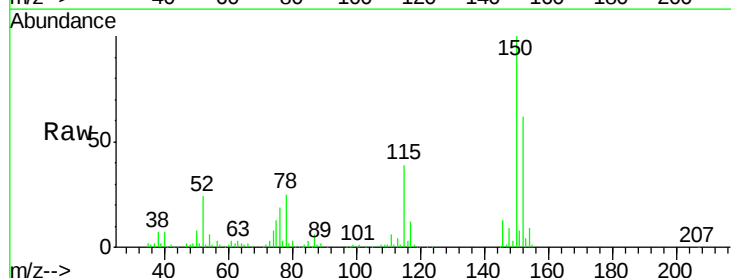


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

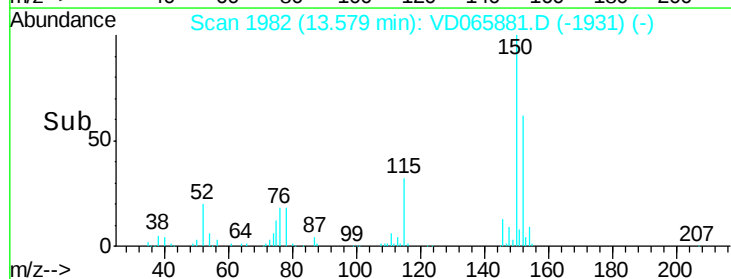
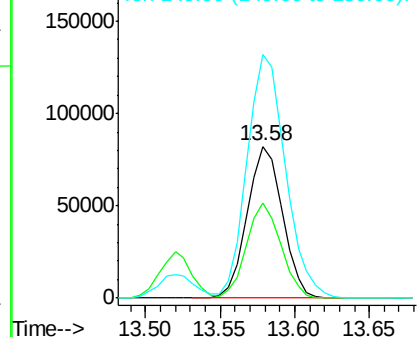


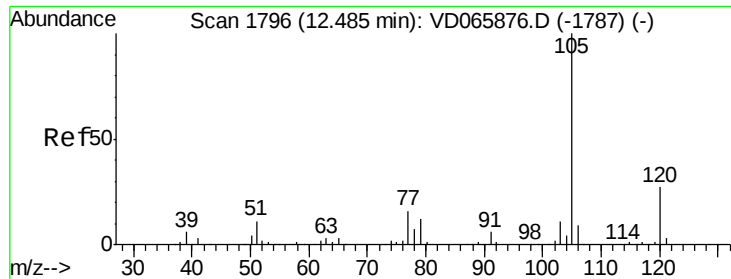
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion:152 Resp: 134252
Ion Ratio Lower Upper
152 100
115 60.9 29.7 89.1
150 175.3 0.0 346.2



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





#73

Isopropylbenzene

Concen: 49.960 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

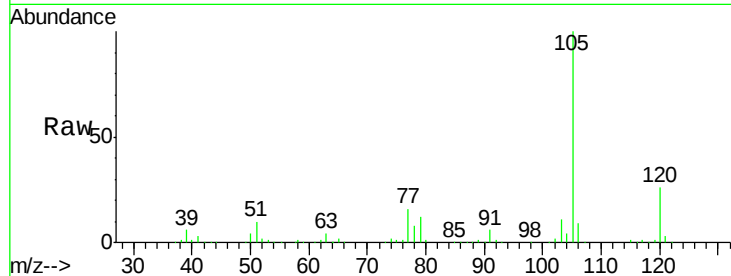
VSTDCCC050

Tot Ion:105 Resp: 480383

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

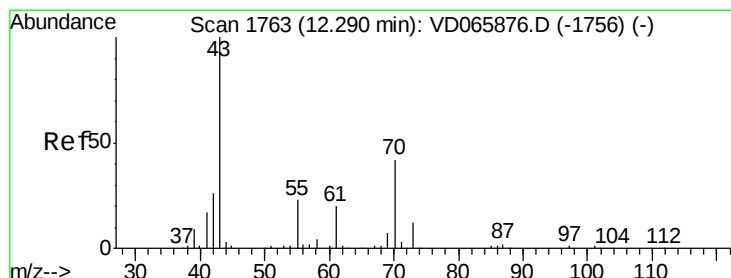
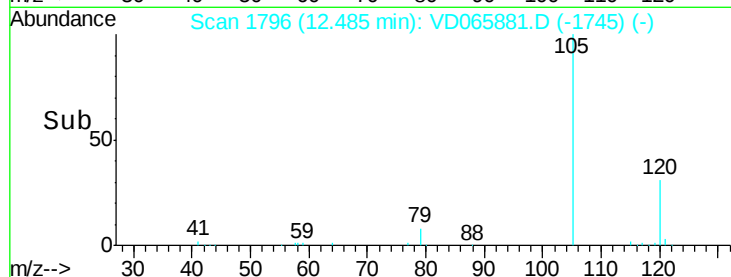
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.615 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Tgt Ion: 43 Resp: 107529

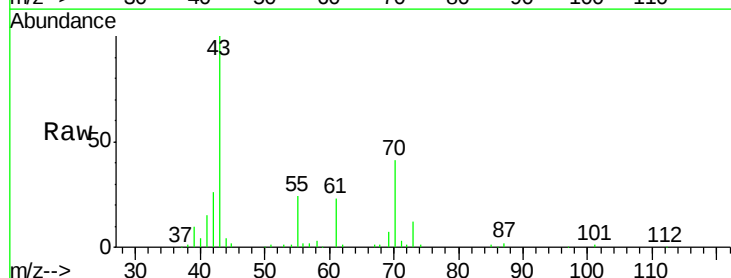
Ion Ratio Lower Upper

43 100

70 42.0 32.5 48.7

55 24.0 18.7 28.1

61 22.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

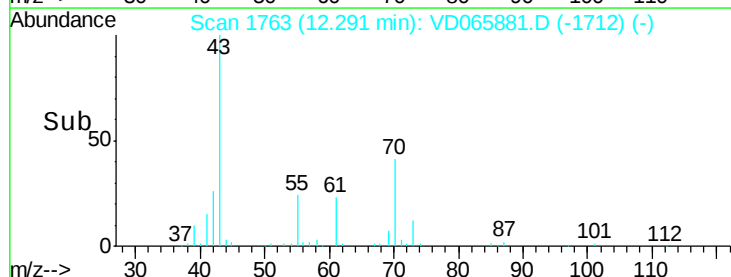
60000

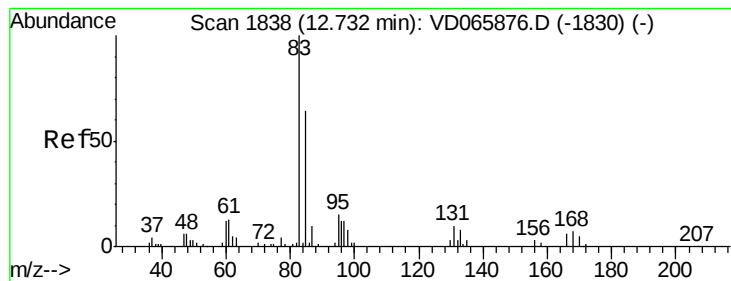
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.209 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

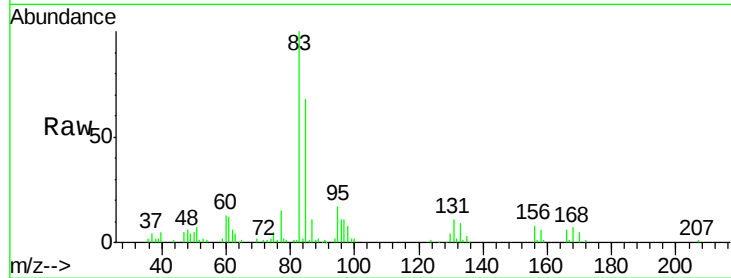
Tot Ion: 83 Resp: 74722

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

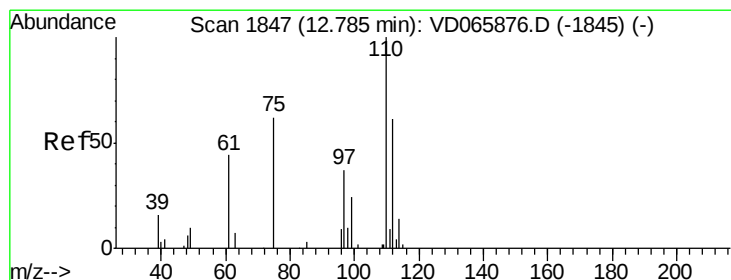
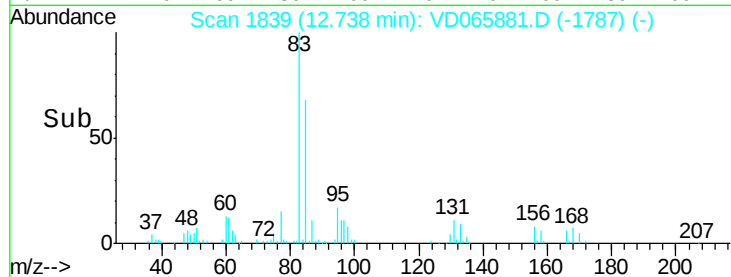
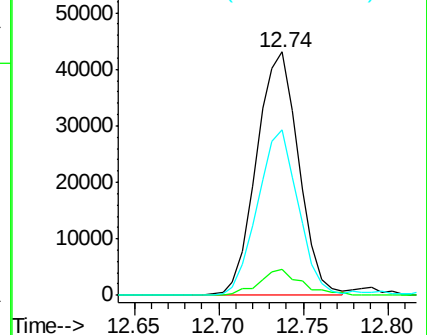
85 65.7 32.3 96.9



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: 88.238 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD065881.D

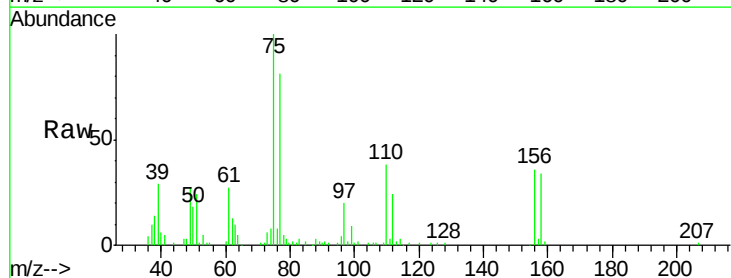
Acq: 29 Jun 2020 12:36

Tgt Ion: 75 Resp: 103656

Ion Ratio Lower Upper

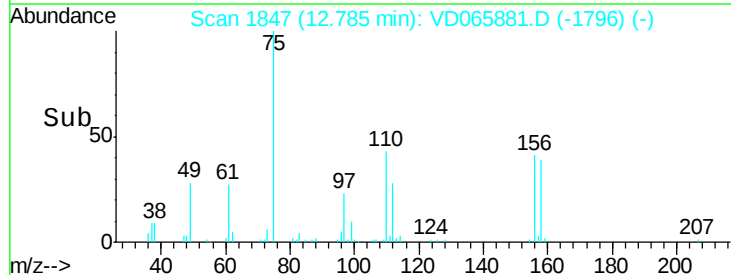
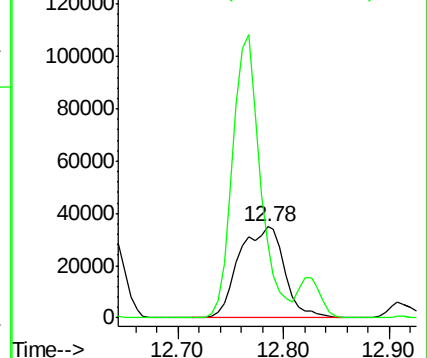
75 100

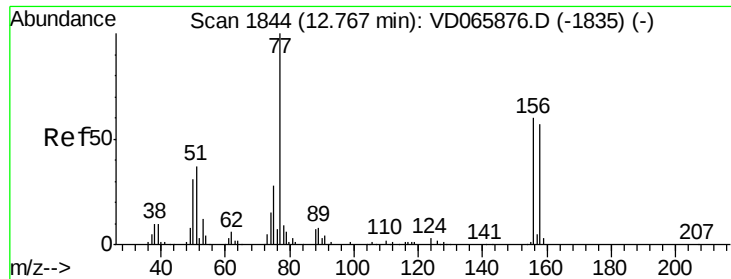
77 191.1 168.5 505.5



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.124 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

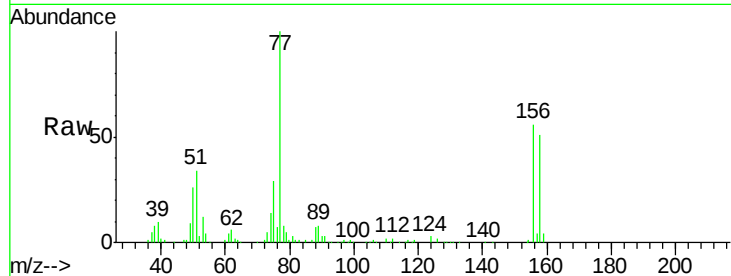
Tot Ion:156 Resp: 101876

Ion Ratio Lower Upper

156 100

77 194.5 90.5 271.5

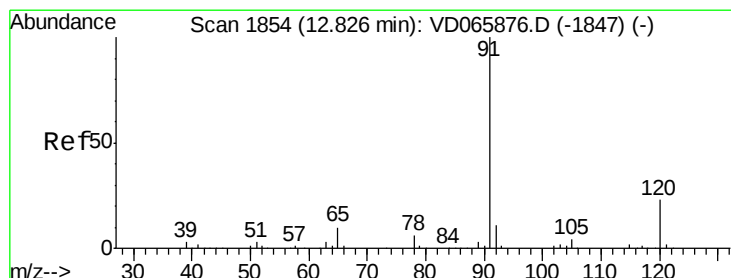
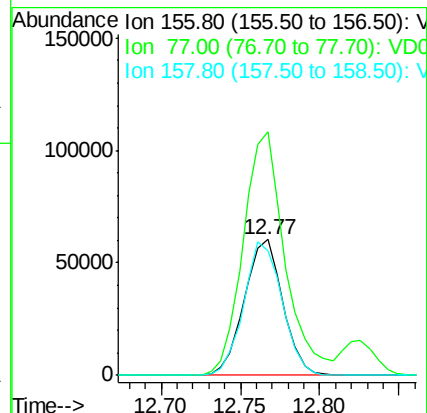
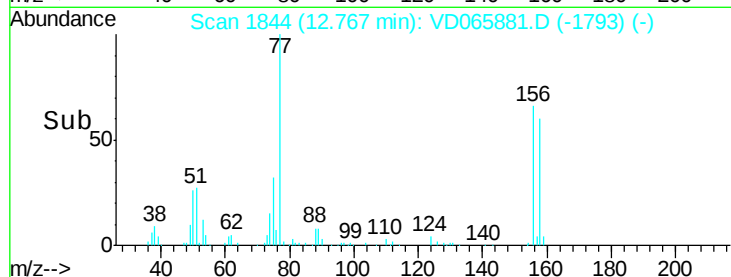
158 97.8 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.649 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065881.D

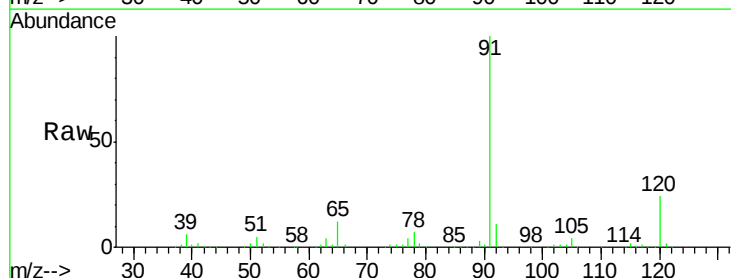
Acq: 29 Jun 2020 12:36

Tgt Ion: 91 Resp: 575155

Ion Ratio Lower Upper

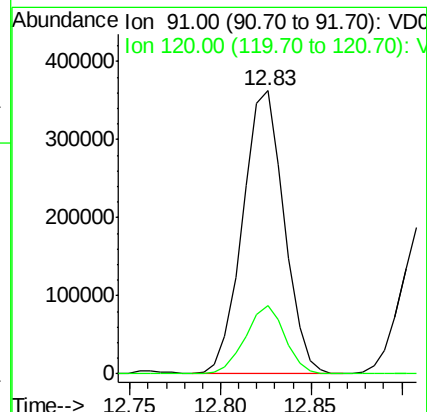
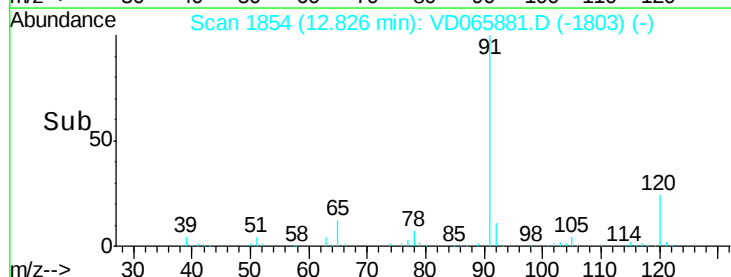
91 100

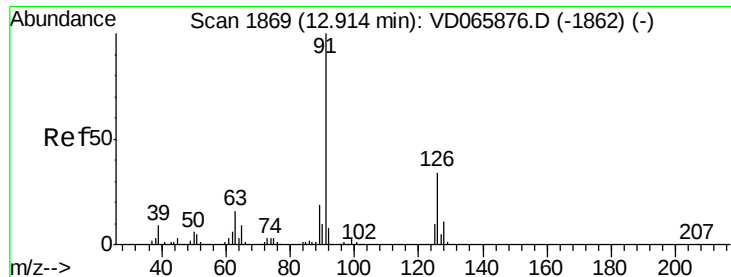
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.360 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

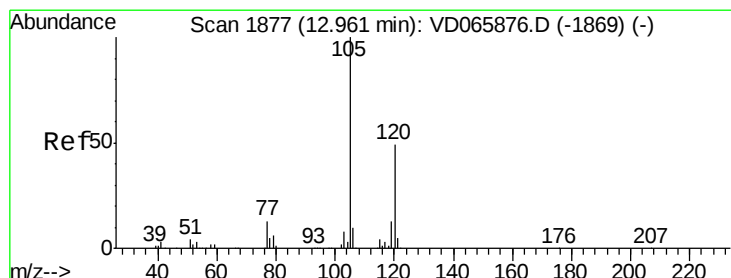
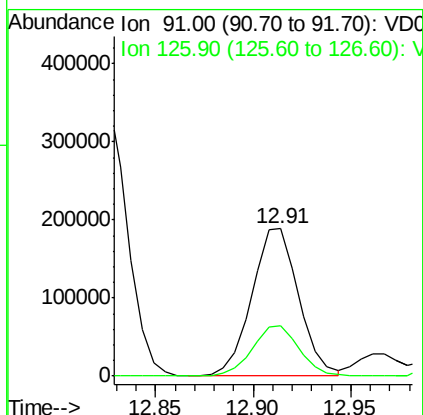
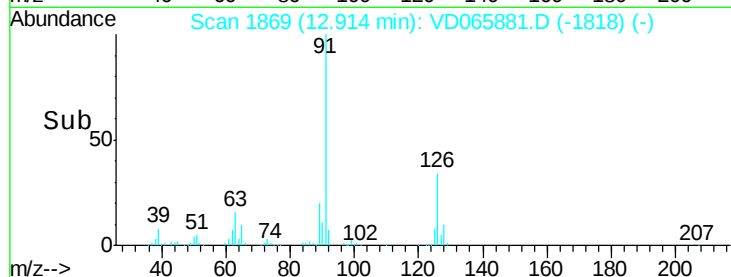
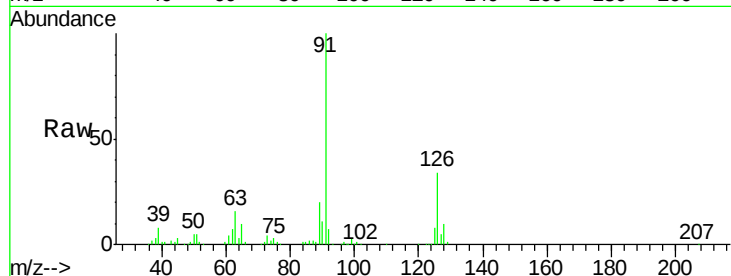
VSTDCCC050

Tot Ion: 91 Resp: 314950

Ion Ratio Lower Upper

91 100

126 34.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 50.472 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065881.D

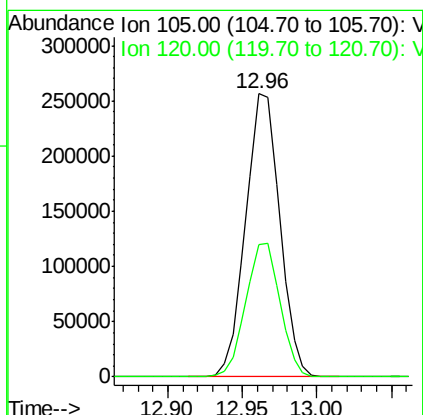
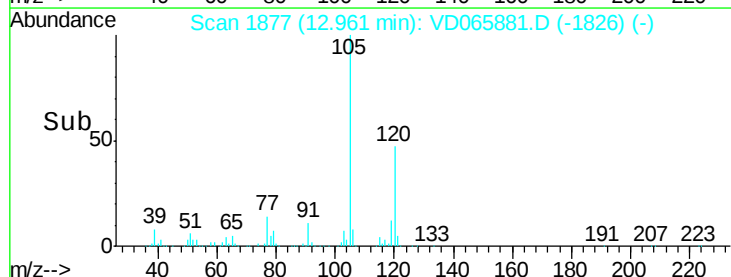
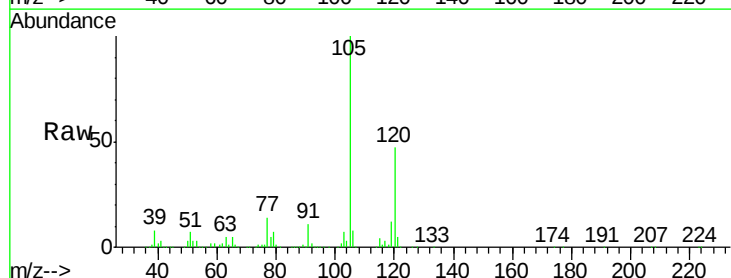
Acq: 29 Jun 2020 12:36

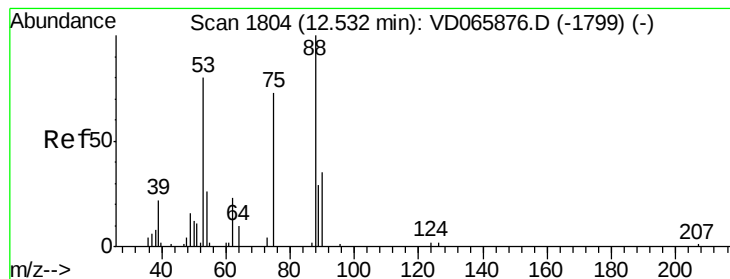
Tgt Ion: 105 Resp: 405703

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.948 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

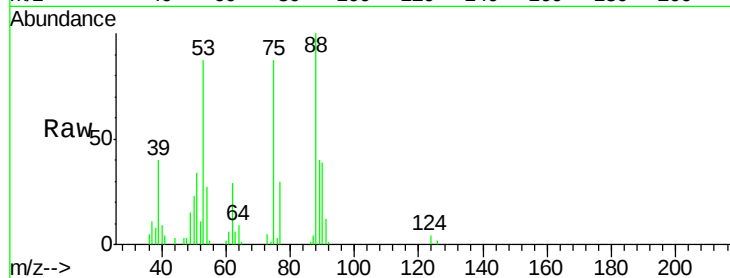
Tot Ion: 75 Resp: 26765

Ion Ratio Lower Upper

75 100

53 99.3 80.6 121.0

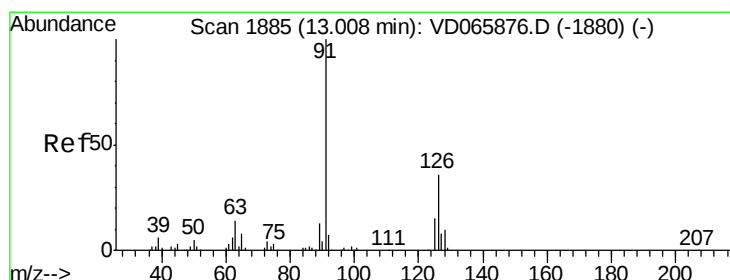
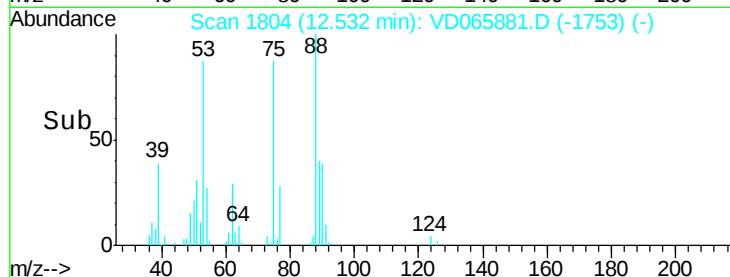
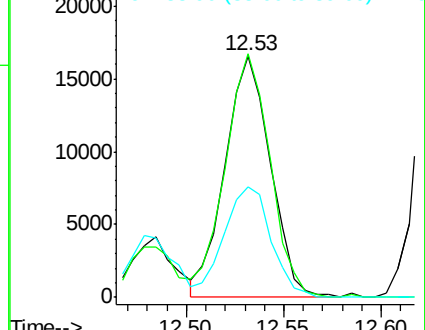
89 47.5 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.858 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065881.D

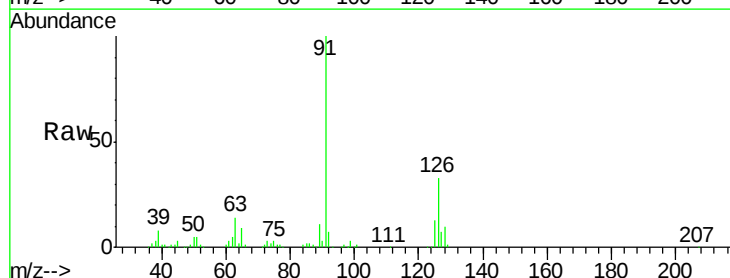
Acq: 29 Jun 2020 12:36

Tgt Ion: 91 Resp: 346783

Ion Ratio Lower Upper

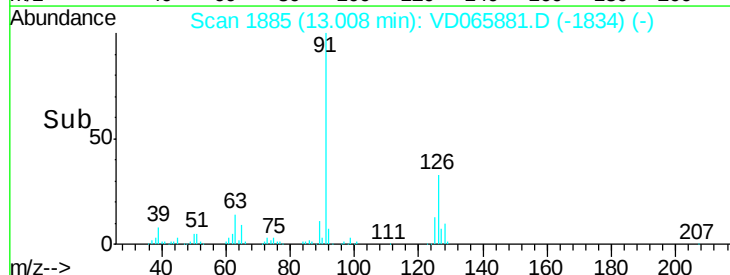
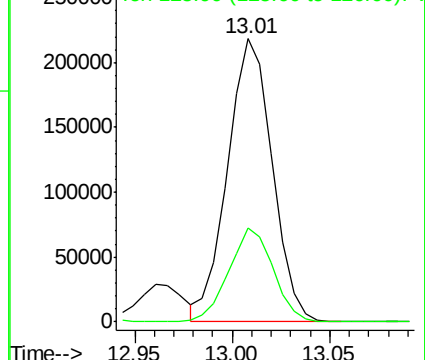
91 100

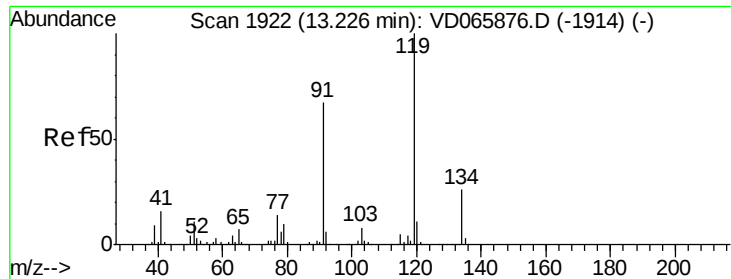
126 33.0 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

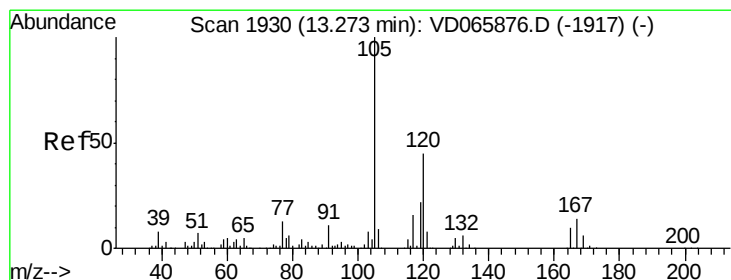
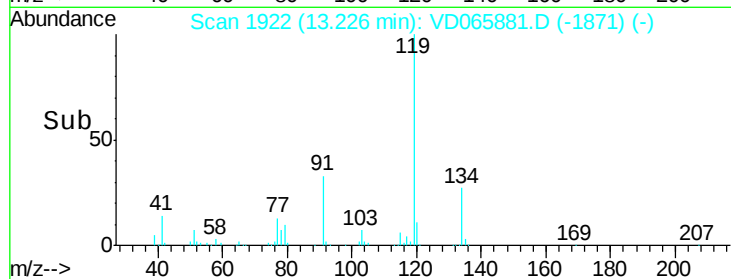
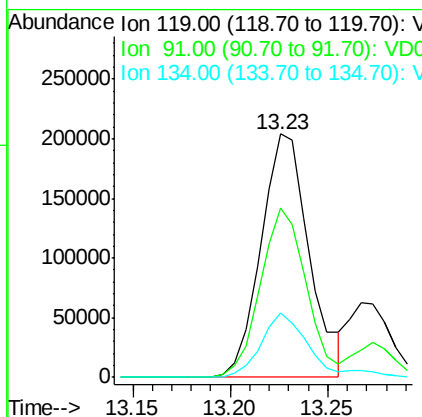
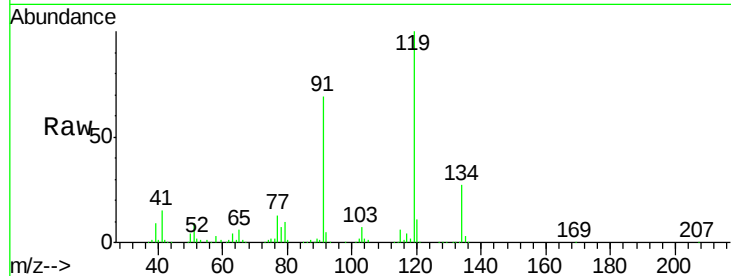




#83
 tert-Butylbenzene
 Concen: 51.569 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

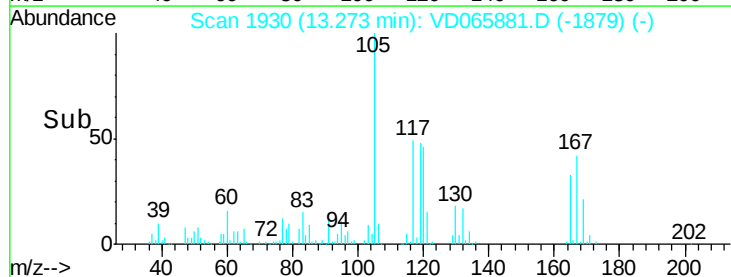
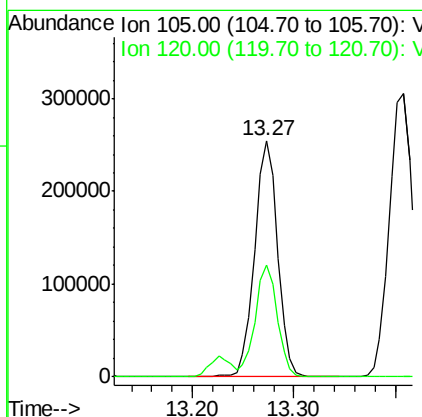
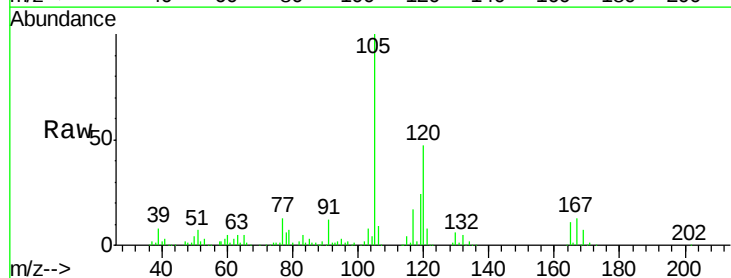
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

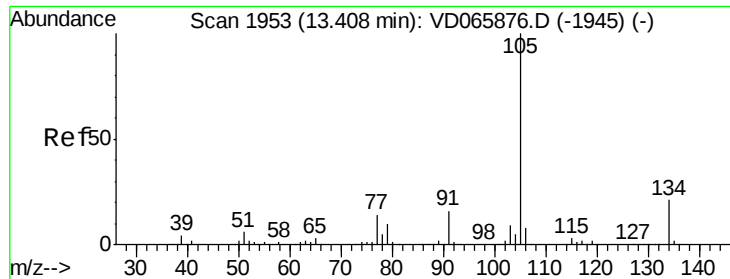
Tot Ion:119 Resp: 348846
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.2 96.6
 134 26.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.971 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion:105 Resp: 403602
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.577 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

Instrument :

MSVOA_D

ClientSampleId :

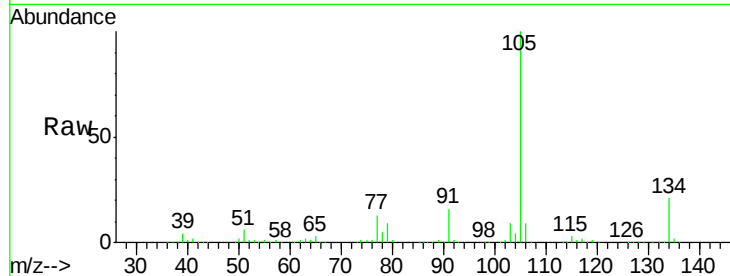
VSTDCCC050

Tot Ion:105 Resp: 497208

Ion Ratio Lower Upper

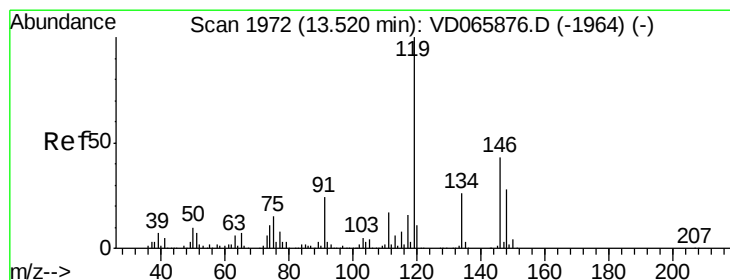
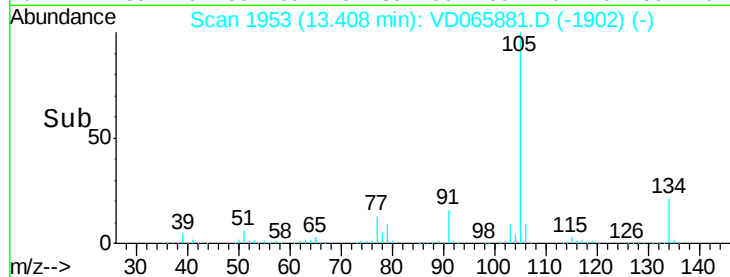
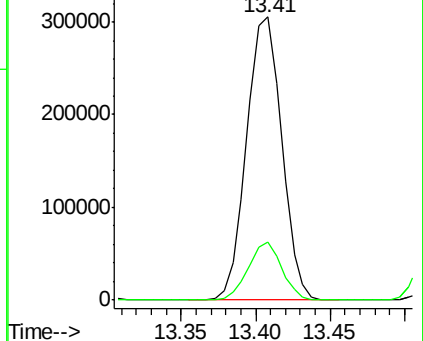
105 100

134 19.6 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.134 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065881.D

Acq: 29 Jun 2020 12:36

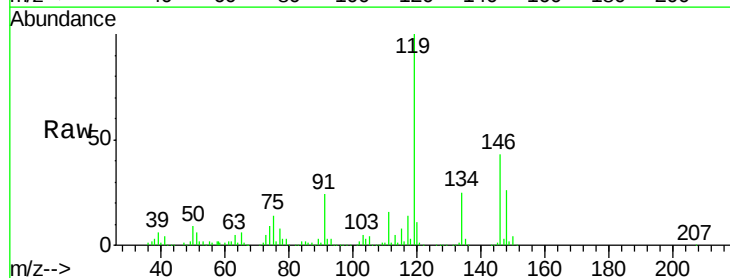
Tgt Ion:119 Resp: 456490

Ion Ratio Lower Upper

119 100

134 25.7 13.4 40.1

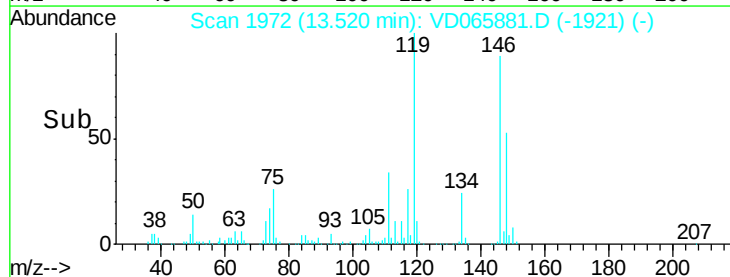
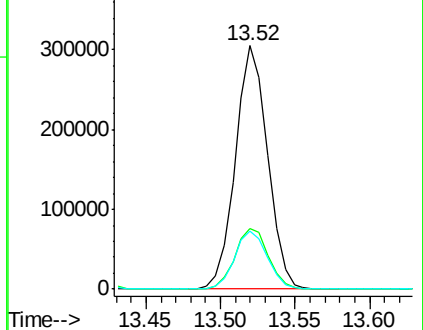
91 24.2 12.0 36.1

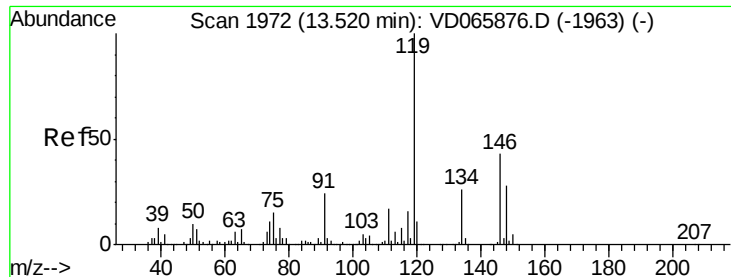


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

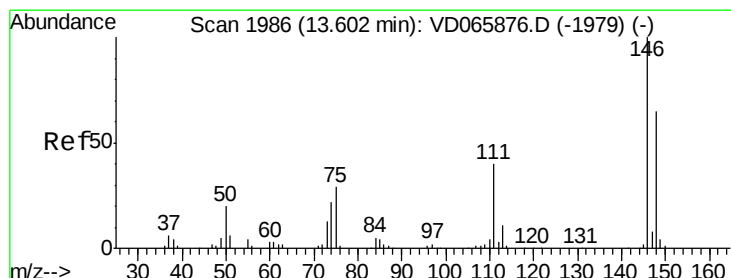
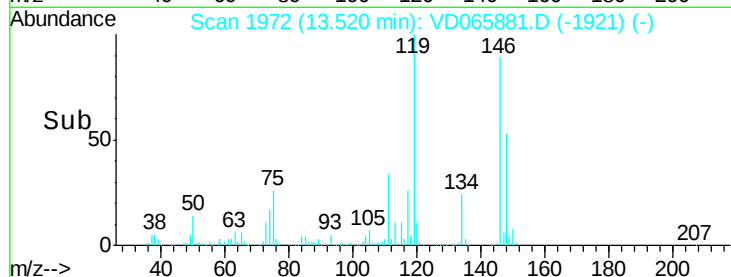
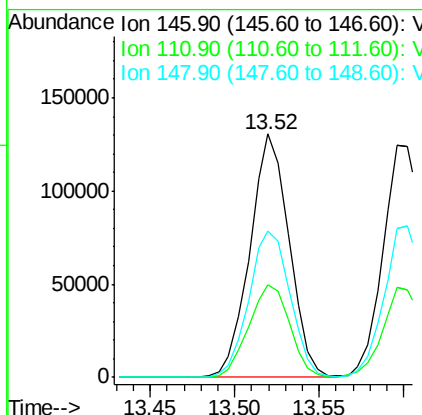
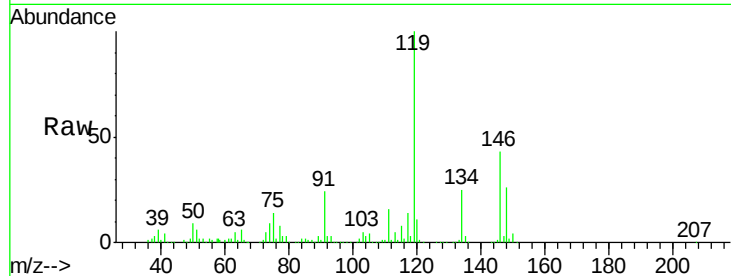




#87
 1,3-Dichlorobenzene
 Concen: 50.223 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

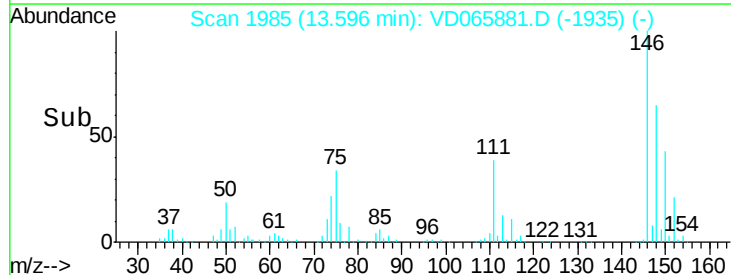
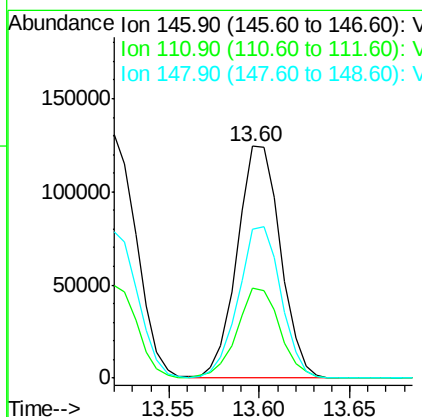
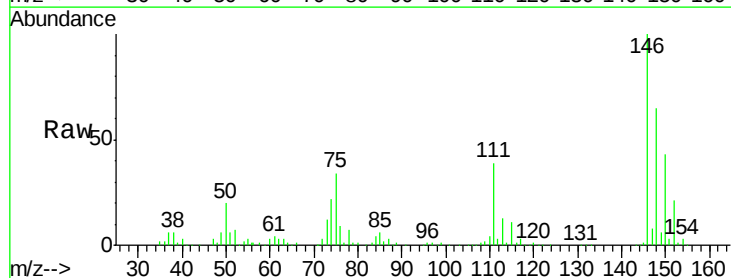
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

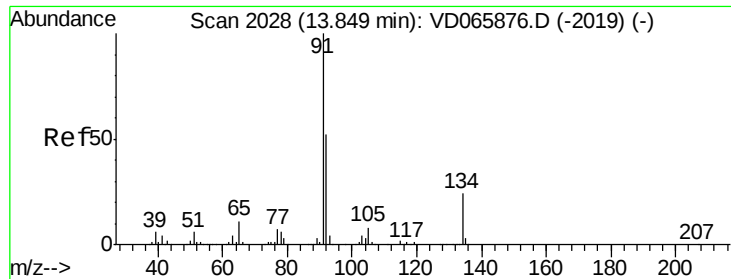
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.4
148	63.4	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.868 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.9	59.6
148	64.7	32.5	97.4

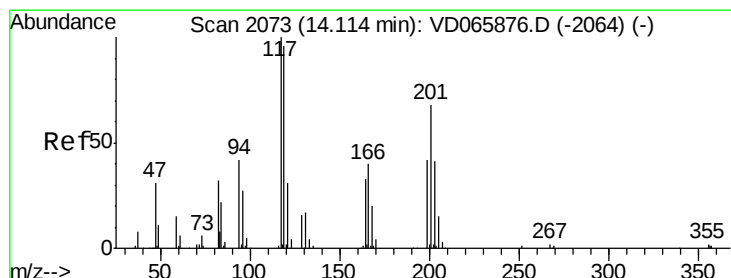
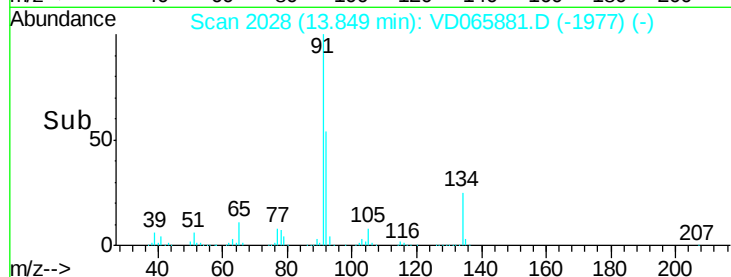
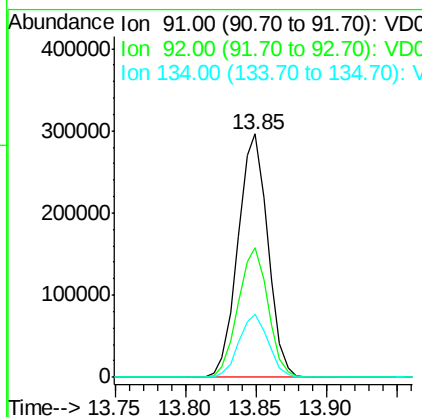
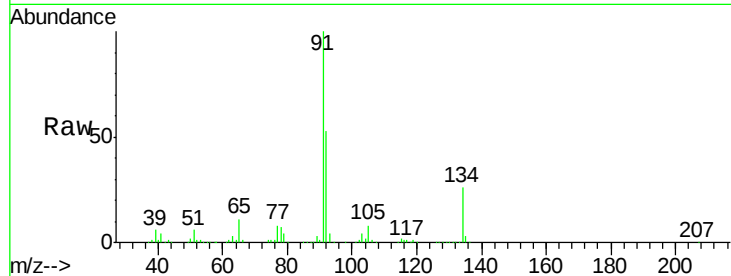




#89
n-Butylbenzene
Concen: 51.217 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

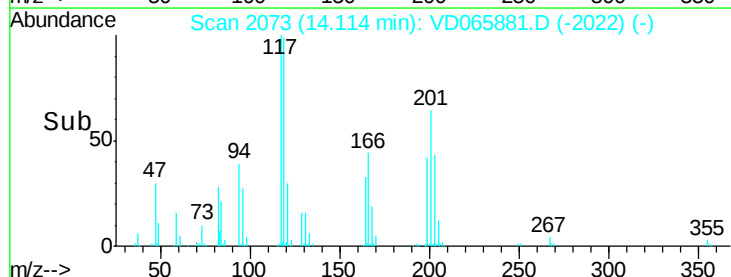
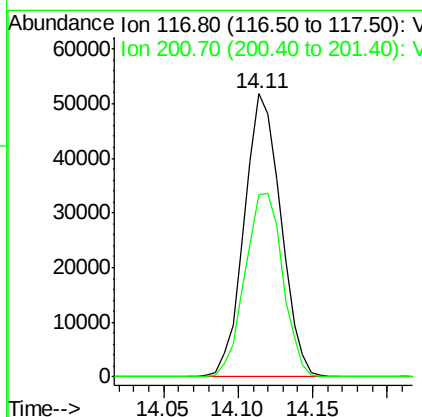
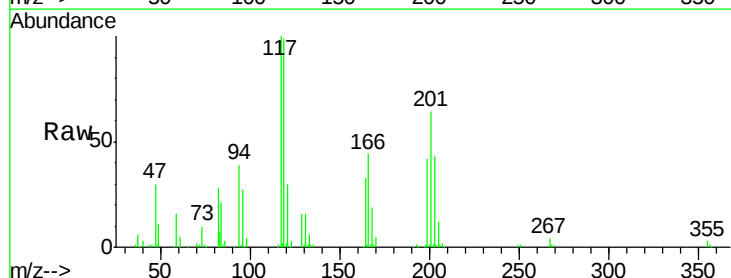
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

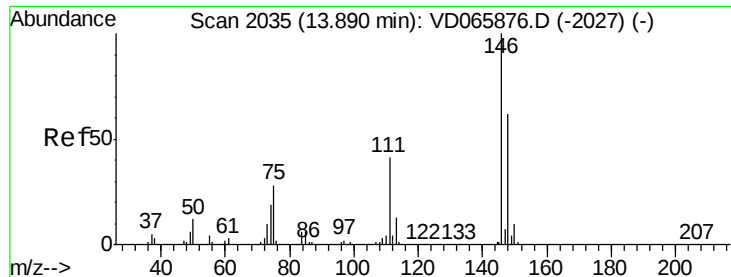
Tot Ion: 91 Resp: 437299
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 25.6 12.4 37.2



#90
Hexachloroethane
Concen: 49.200 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion: 117 Resp: 87914
Ion Ratio Lower Upper
117 100
201 66.6 35.1 105.5

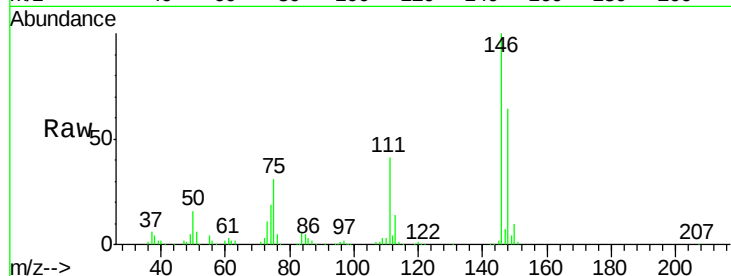




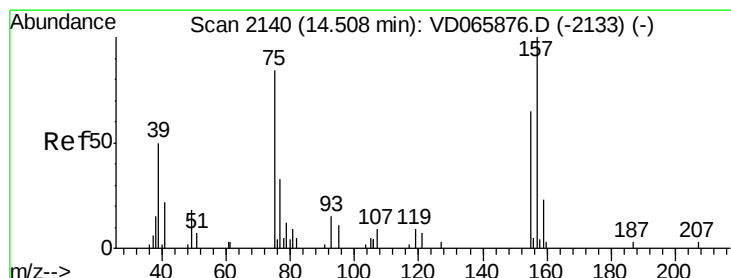
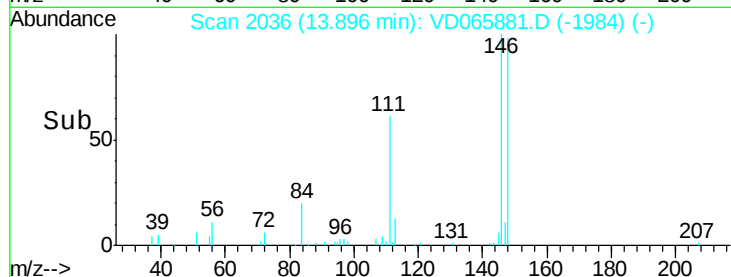
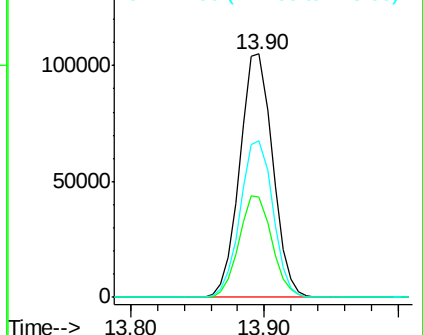
#91
 1,2-Dichlorobenzene
 Concen: 48.824 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 179656
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 63.9 31.4 94.0

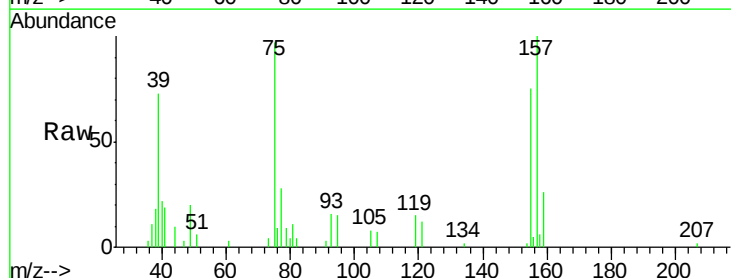


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

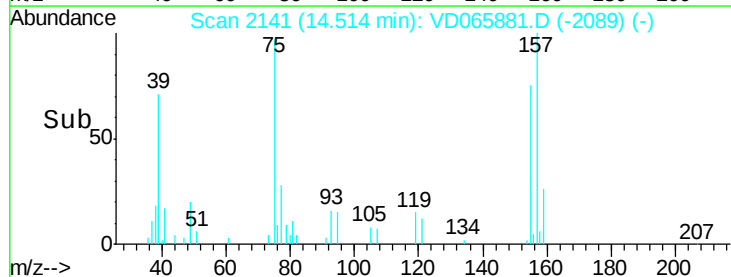
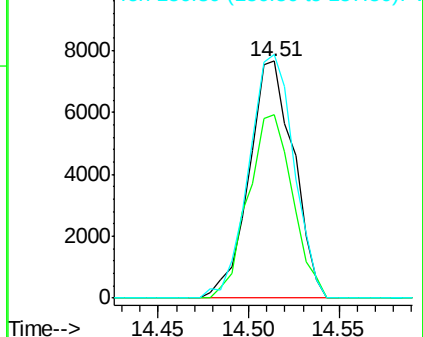


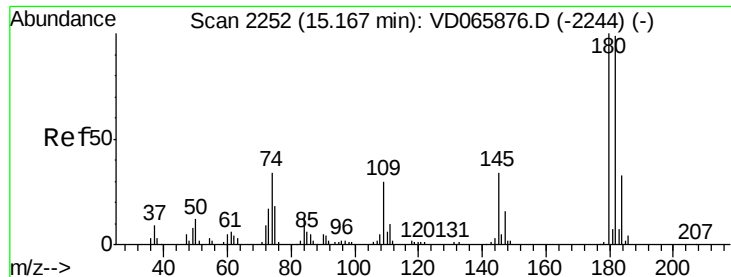
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.455 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion: 75 Resp: 13106
 Ion Ratio Lower Upper
 75 100
 155 77.3 37.8 113.3
 157 103.3 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

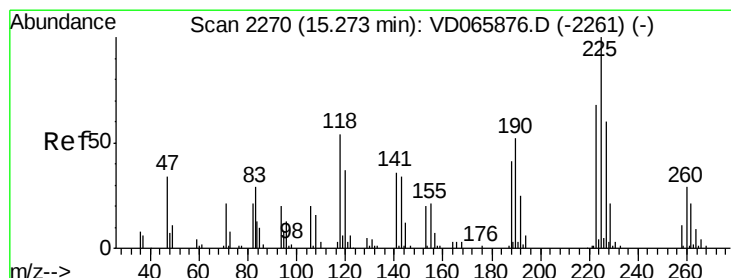
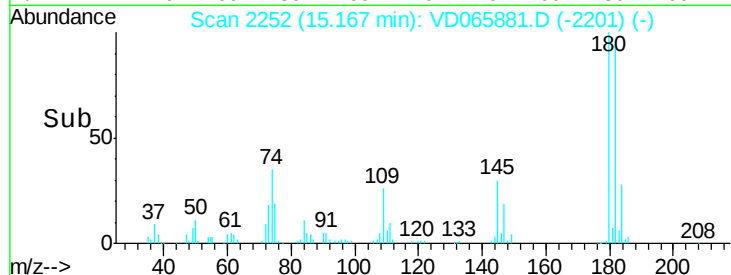
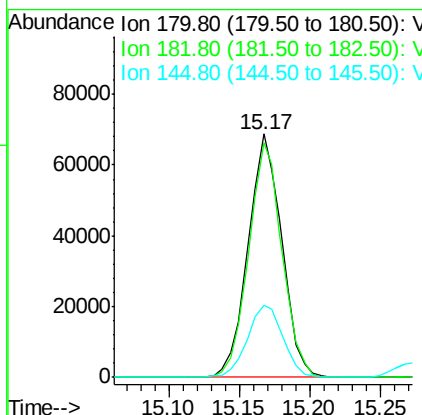
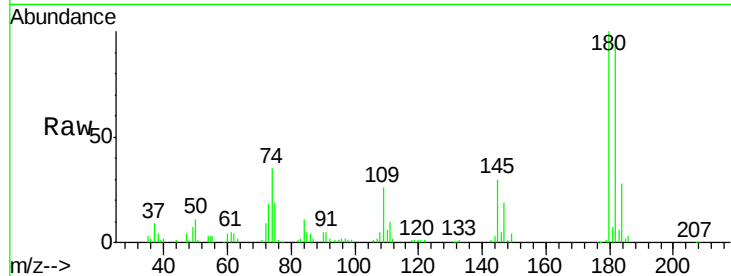




#93
 1,2,4-Trichlorobenzene
 Concen: 49.286 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

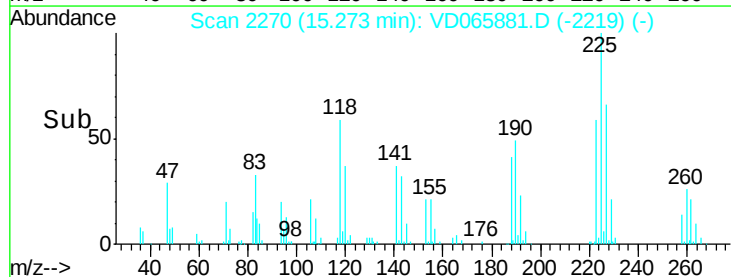
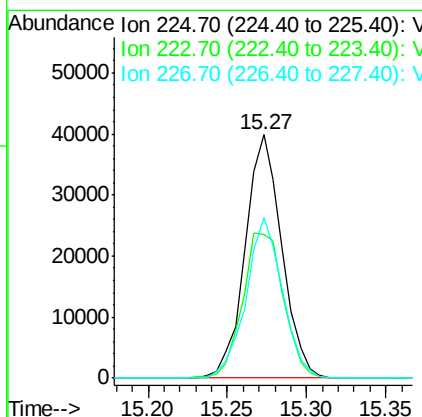
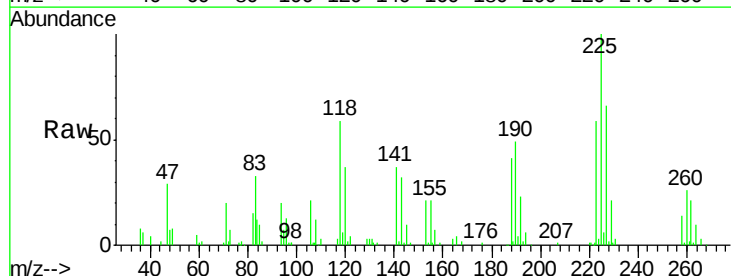
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

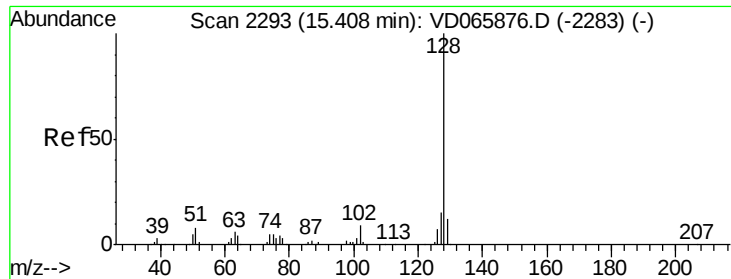
Tot Ion:180 Resp: 114971
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 31.3 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 47.944 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065881.D
 Acq: 29 Jun 2020 12:36

Tgt Ion:225 Resp: 63792
 Ion Ratio Lower Upper
 225 100
 223 66.7 31.3 93.8
 227 65.4 30.1 90.3

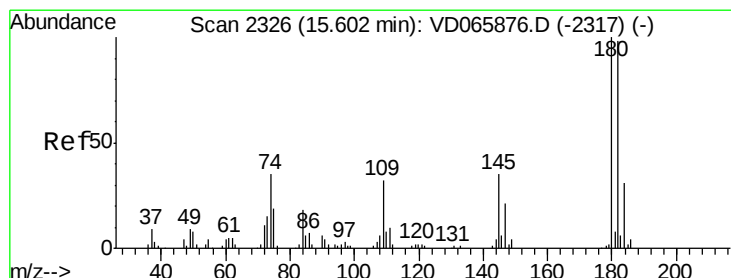
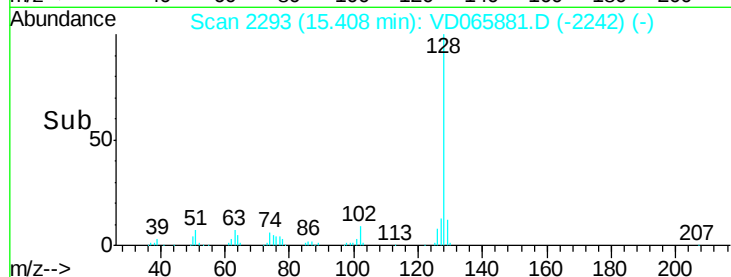
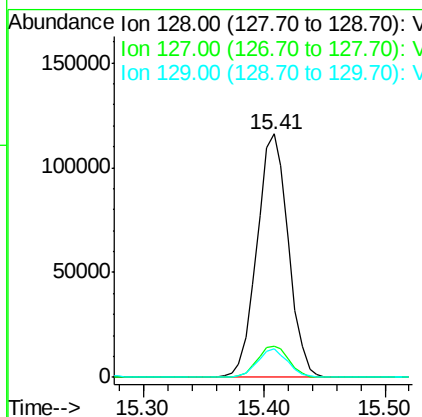
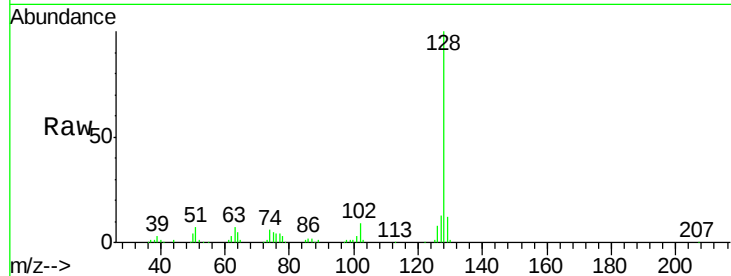




#95
Naphthalene
Concen: 50.042 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 209586
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.219 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065881.D
Acq: 29 Jun 2020 12:36

Tgt Ion:180 Resp: 97754
Ion Ratio Lower Upper
180 100
182 97.4 48.9 146.6
145 33.3 16.6 49.7

