

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065217.D
 Acq On : 18 Feb 2020 12:54
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 19 03:03:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 02:58:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	510703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	748805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	678492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	327992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	674010	146.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.40%	
35) Dibromofluoromethane	7.92	113	683623	149.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.46%	
50) Toluene-d8	10.34	98	2717441	155.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.38%	
62) 4-Bromofluorobenzene	12.64	95	854277	154.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	596302	139.211	ug/l	99
3) Chloromethane	2.21	50	709912	130.209	ug/l	98
4) Vinyl Chloride	2.35	62	730622	131.785	ug/l	99
5) Bromomethane	2.75	94	437025	130.375	ug/l	99
6) Chloroethane	2.91	64	441607	130.495	ug/l	98
7) Trichlorofluoromethane	3.27	101	1021919	128.749	ug/l	98
8) Diethyl Ether	3.71	74	321804	134.314	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	641824	128.046	ug/l	100
10) Methyl Iodide	4.30	142	834903	160.424	ug/l	99
11) Tert butyl alcohol	5.25	59	186821	680.488	ug/l	100
12) 1,1-Dichloroethene	4.06	96	632651	133.612	ug/l	95
13) Acrolein	3.92	56	232282	568.339	ug/l	99
14) Allyl chloride	4.71	41	1090375	141.807	ug/l	99
15) Acrylonitrile	5.43	53	761182	717.589	ug/l	99
16) Acetone	4.17	43	803850	715.756	ug/l	98
17) Carbon Disulfide	4.40	76	2119831	133.536	ug/l	99
18) Methyl Acetate	4.73	43	337749	133.715	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	1459674	147.829	ug/l	100
20) Methylene Chloride	4.96	84	682752	119.760	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	729609	135.544	ug/l	99
22) Diisopropyl ether	6.37	45	2094571	141.305	ug/l	99
23) Vinyl Acetate	6.31	43	6296750	770.541	ug/l	100
24) 1,1-Dichloroethane	6.27	63	1228670	133.636	ug/l	98
25) 2-Butanone	7.23	43	1034674	728.162	ug/l	99
26) 2,2-Dichloropropane	7.21	77	1046025	131.127	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	791876	138.883	ug/l	99
28) Bromochloromethane	7.55	49	486718	142.691	ug/l	100
29) Tetrahydrofuran	7.57	42	625309	751.066	ug/l	99
30) Chloroform	7.71	83	1218610	131.559	ug/l	98
31) Cyclohexane	7.98	56	1173470	129.902	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	1098193	132.510	ug/l	99
36) 1,1-Dichloropropene	8.11	75	1001182	137.413	ug/l	99
37) Ethyl Acetate	7.30	43	443628	145.650	ug/l	99
38) Carbon Tetrachloride	8.10	117	1002232	135.127	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1266071	147.809	ug/l	98
40) Benzene	8.36	78	2844096	138.297	ug/l	99
41) Methacrylonitrile	7.53	41	243141	138.254	ug/l	100
42) 1,2-Dichloroethane	8.43	62	765416	135.384	ug/l	100
43) Isopropyl Acetate	8.46	43	826420	149.206	ug/l	99
44) Trichloroethene	9.11	130	781271	137.051	ug/l	100
45) 1,2-Dichloropropane	9.39	63	697099	136.320	ug/l	100
46) Dibromomethane	9.48	93	362974	137.955	ug/l	98
47) Bromodichloromethane	9.67	83	938198	135.306	ug/l	100
48) Methyl methacrylate	9.46	41	399866	156.186	ug/l	98
49) 1,4-Dioxane	9.47	88	90166	2921.884	ug/l	95
51) 4-Methyl-2-Pentanone	10.24	43	2112278	750.841	ug/l	99
52) Toluene	10.41	92	1817851	142.807	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	941639	146.511	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	1130123	145.616	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	500003	135.016	ug/l	96
56) Ethyl methacrylate	10.67	69	676544	158.278	ug/l	99
57) 1,3-Dichloropropane	10.95	76	885022	140.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	981364	728.231	ug/l	98
59) 2-Hexanone	10.99	43	1552290	770.821	ug/l	97
60) Dibromochloromethane	11.14	129	653264	137.822	ug/l	99
61) 1,2-Dibromoethane	11.25	107	493742	140.815	ug/l	99
64) Tetrachloroethene	10.88	164	657383	136.611	ug/l	94
65) Chlorobenzene	11.68	112	1880987	138.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	694935	136.772	ug/l	99
67) Ethyl Benzene	11.75	91	3414012	143.167	ug/l	100
68) m/p-Xylenes	11.86	106	2610063	286.084	ug/l	99
69) o-Xylene	12.18	106	1192713	147.560	ug/l	99
70) Styrene	12.20	104	2107280	146.840	ug/l	100
71) Bromoform	12.37	173	395191	140.166	ug/l #	99
73) Isopropylbenzene	12.48	105	3217012	148.150	ug/l	99
74) N-amyl acetate	12.30	43	761686	157.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	538022	137.285	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	725425	154.333	ug/l #	100
77) Bromobenzene	12.77	156	770196	142.837	ug/l	100
78) n-propylbenzene	12.83	91	3783136	144.976	ug/l	99
79) 2-Chlorotoluene	12.91	91	2081821	142.410	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	2618694	146.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	196073	151.705	ug/l	96
82) 4-Chlorotoluene	13.01	91	2174224	140.095	ug/l	99
83) tert-Butylbenzene	13.23	119	2231178	148.848	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	2610487	145.827	ug/l	100
85) sec-Butylbenzene	13.41	105	3123633	144.617	ug/l	100
86) p-Isopropyltoluene	13.53	119	2918597	147.758	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	1447849	138.894	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	1416613	137.694	ug/l	99
89) n-Butylbenzene	13.85	91	2690926	147.840	ug/l	99
90) Hexachloroethane	14.12	117	554460	138.246	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	1238531	138.375	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	86187	142.709	ug/l	94

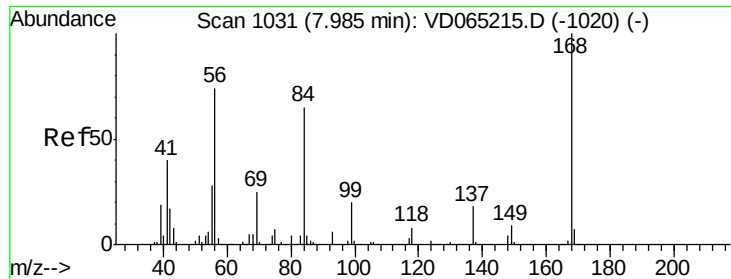
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	882777	150.782	ug/l	99
94) Hexachlorobutadiene	15.28	225	530950	141.373	ug/l	99
95) Naphthalene	15.41	128	1587564	166.799	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	767077	150.017	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

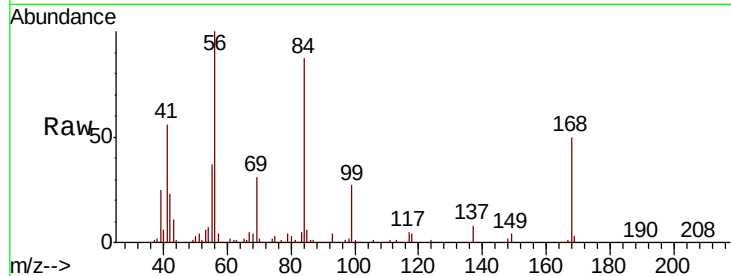
VSTDIC150

Tot Ion:168 Resp: 510703

Ion Ratio Lower Upper

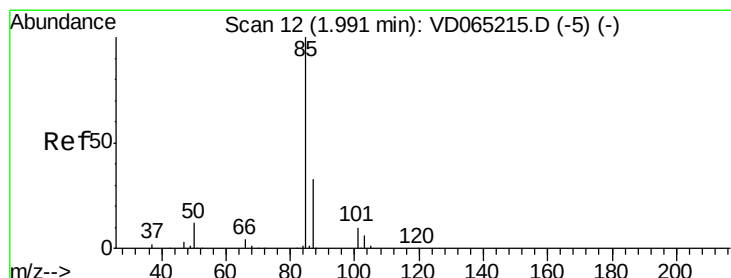
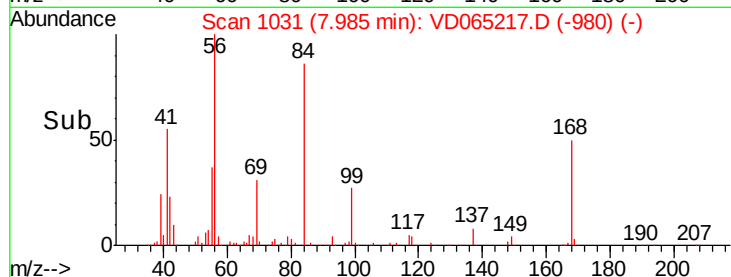
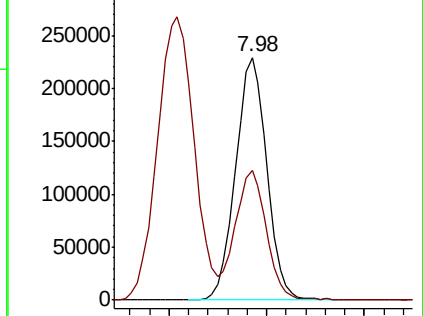
168 100

99 53.3 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 139.211 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065217.D

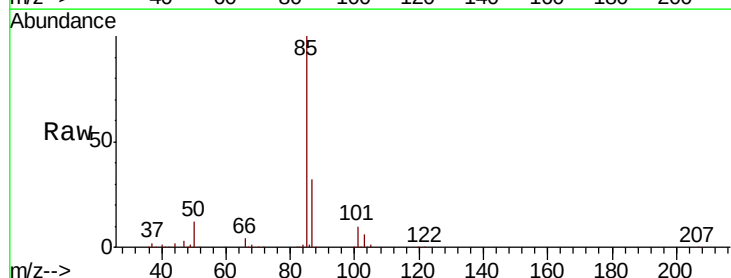
Acq: 18 Feb 2020 12:54

Tgt Ion: 85 Resp: 596302

Ion Ratio Lower Upper

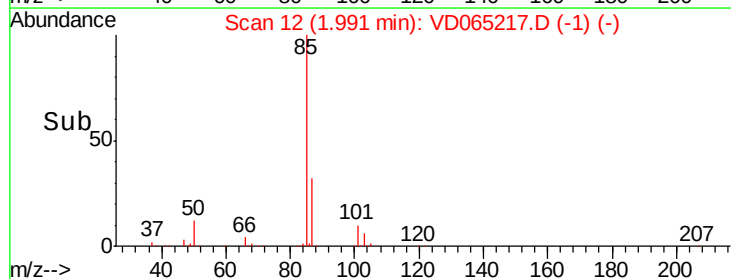
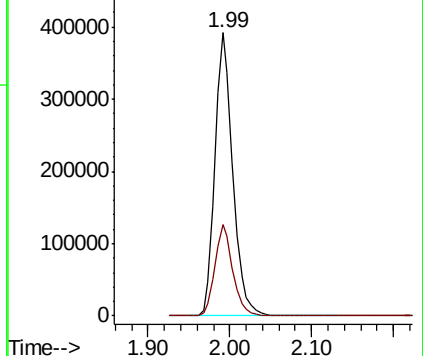
85 100

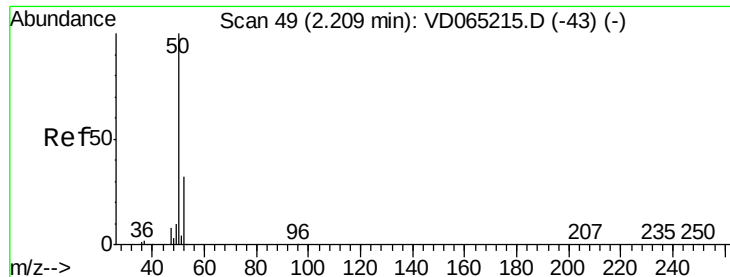
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 130.209 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

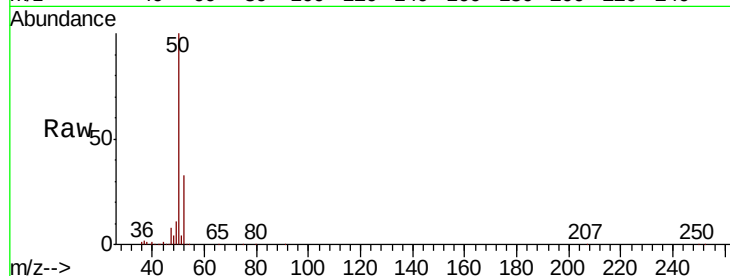
VSTDIC150

Tot Ion: 50 Resp: 709912

Ion Ratio Lower Upper

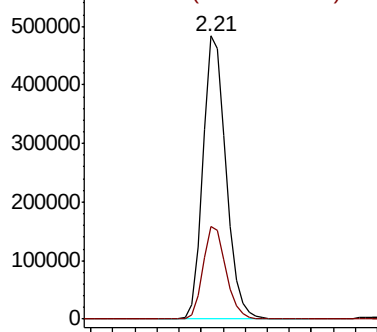
50 100

52 32.7 25.5 38.3

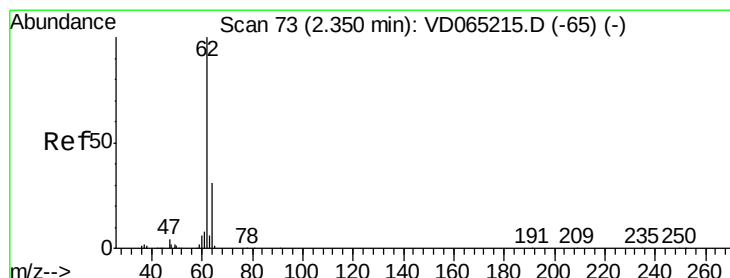
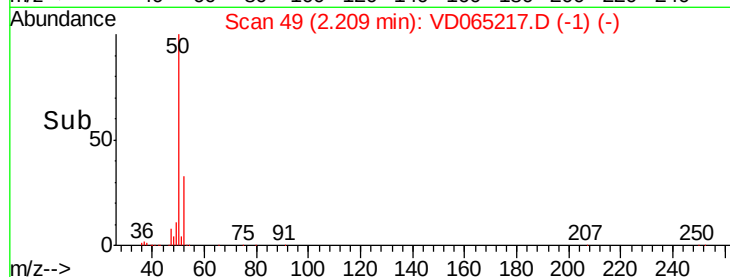


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 131.785 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065217.D

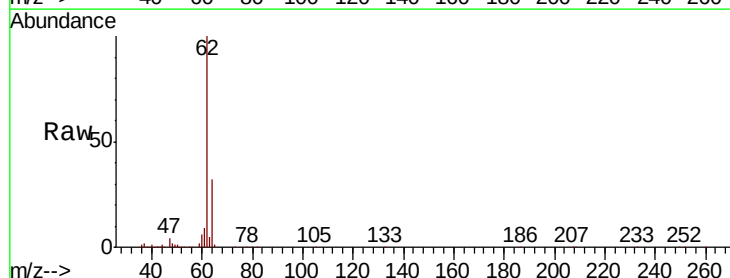
Acq: 18 Feb 2020 12:54

Tgt Ion: 62 Resp: 730622

Ion Ratio Lower Upper

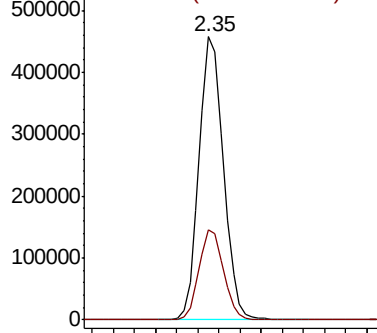
62 100

64 31.9 25.0 37.6

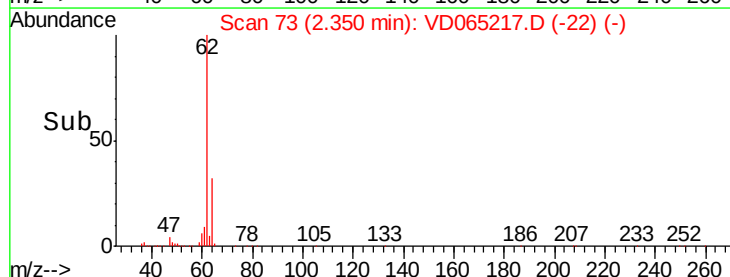


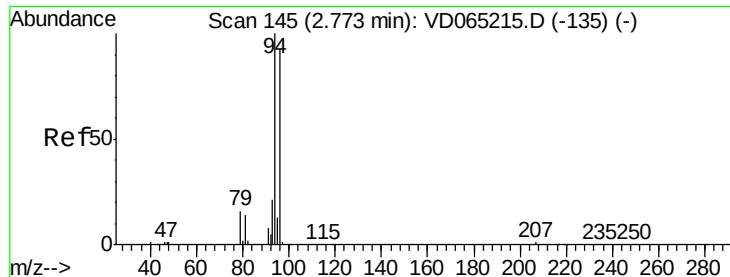
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->





#5

Bromomethane

Concen: 130.375 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

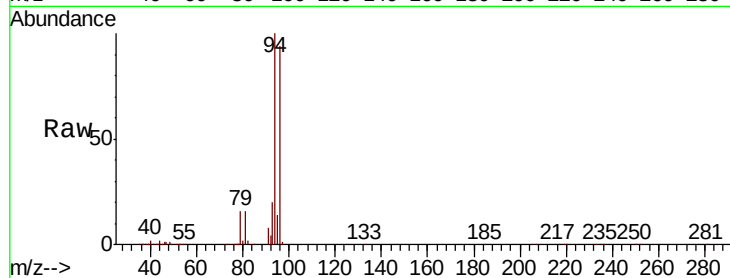
VSTDIC150

Tot Ion: 94 Resp: 437025

Ion Ratio Lower Upper

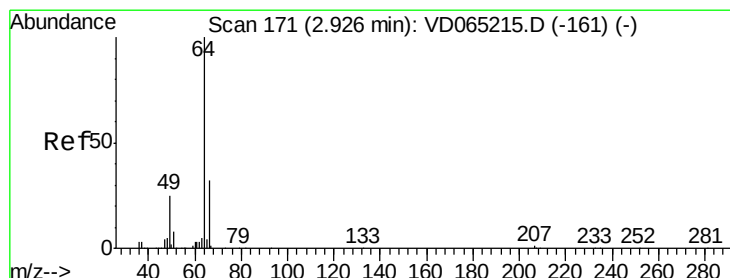
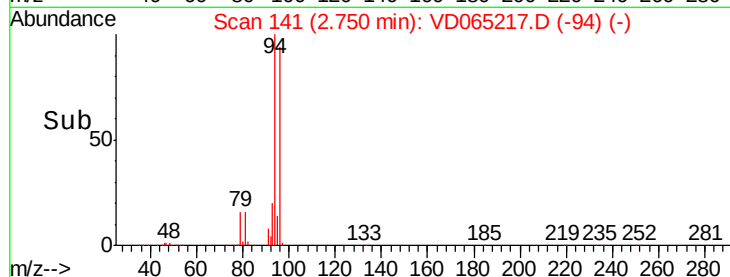
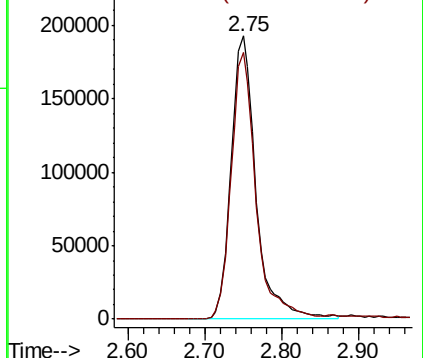
94 100

96 94.0 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 130.495 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065217.D

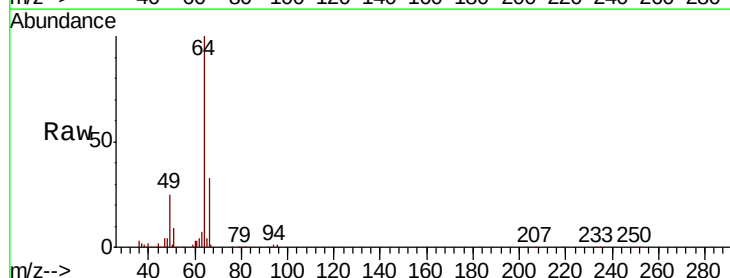
Acq: 18 Feb 2020 12:54

Tgt Ion: 64 Resp: 441607

Ion Ratio Lower Upper

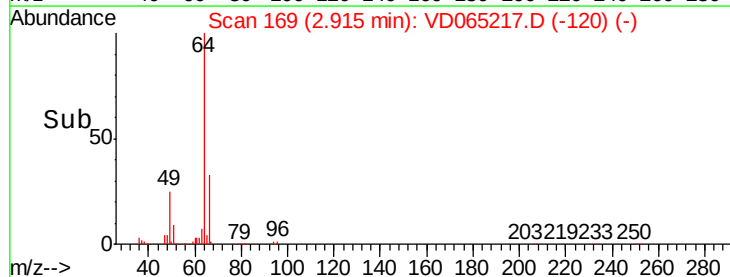
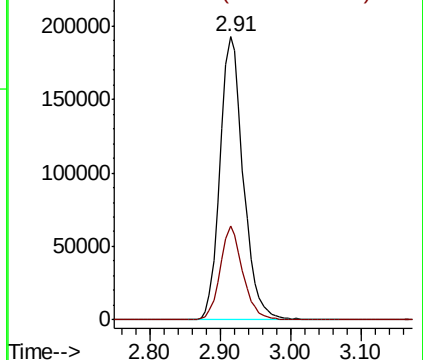
64 100

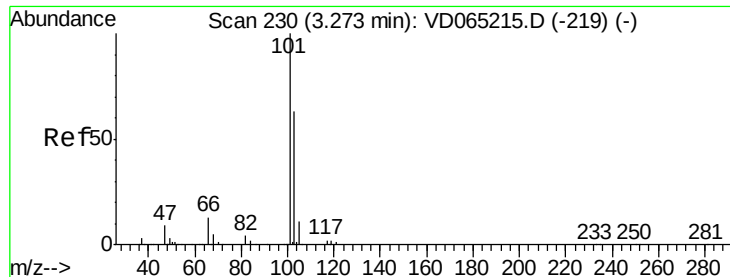
66 33.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



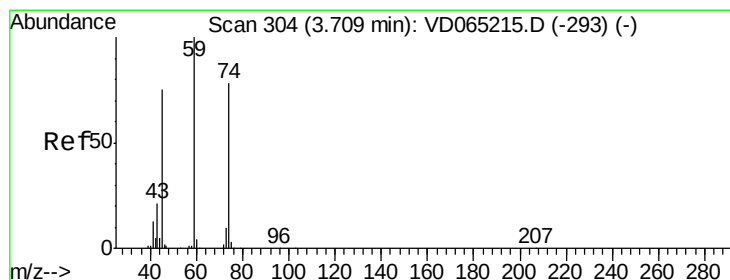
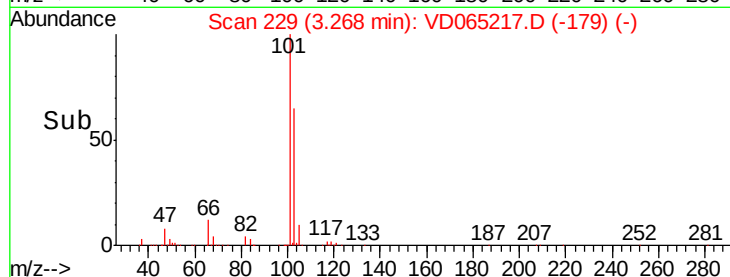
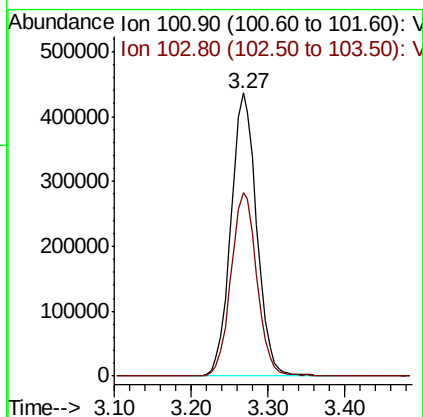
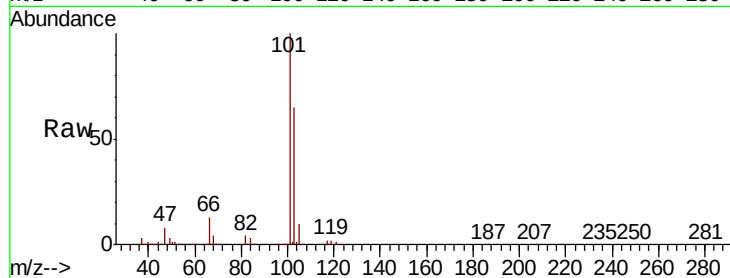


#7

Trichlorofluoromethane
 Concen: 128.749 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

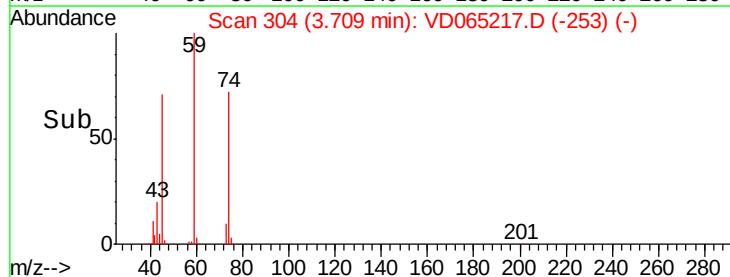
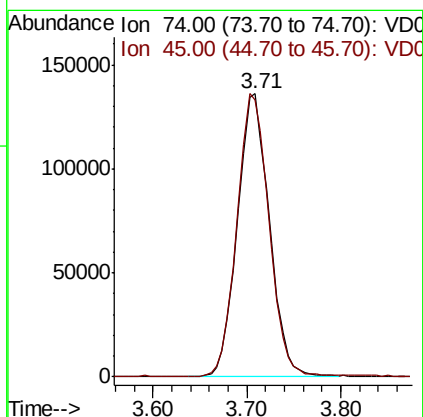
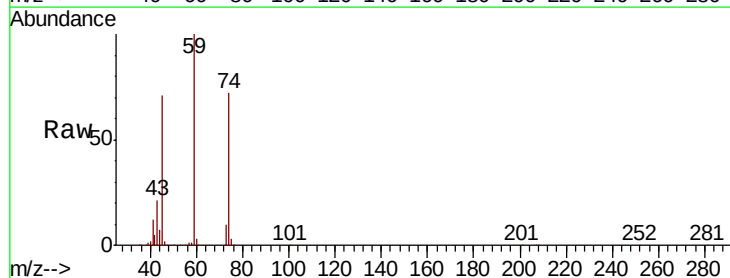
Tot Ion:101 Resp: 1021919
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.7 76.1

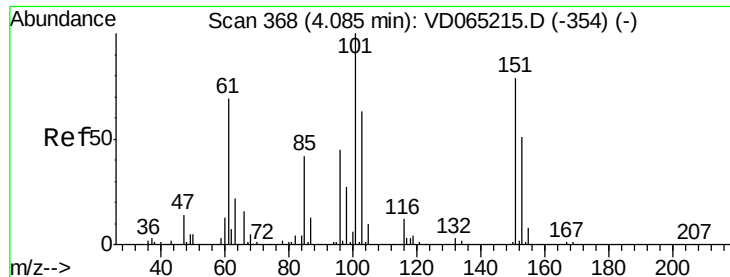


#8

Diethyl Ether
 Concen: 134.314 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion: 74 Resp: 321804
 Ion Ratio Lower Upper
 74 100
 45 99.6 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 128.046 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

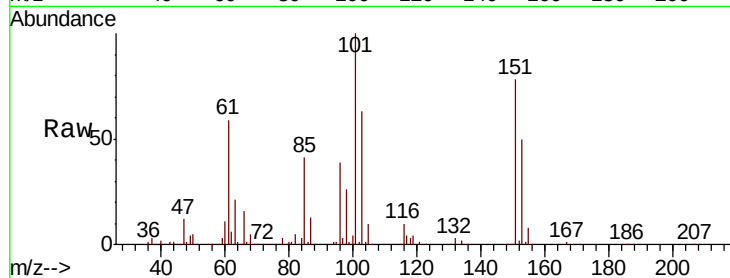
Tot Ion:101 Resp: 641824

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

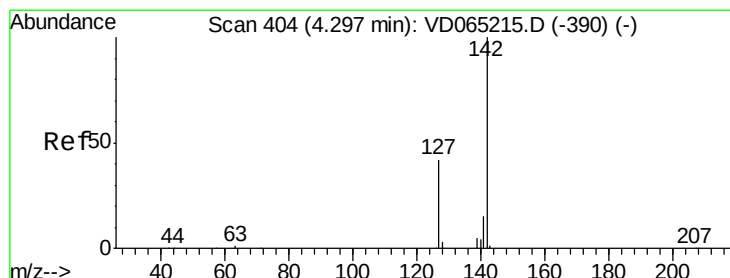
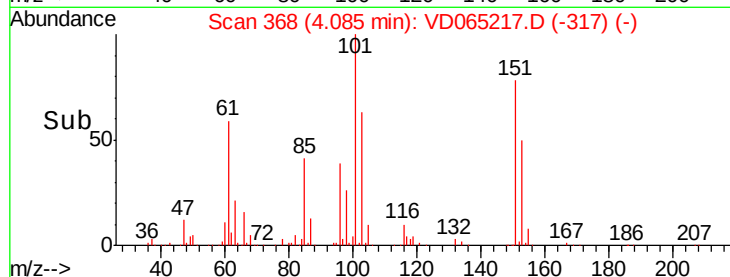
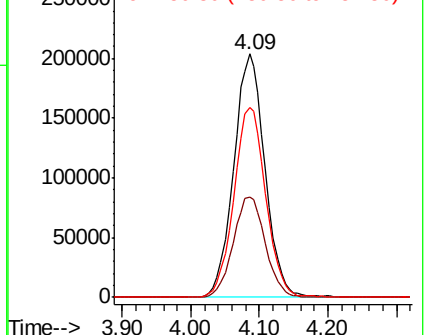
151 79.9 63.5 95.3



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: 160.424 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

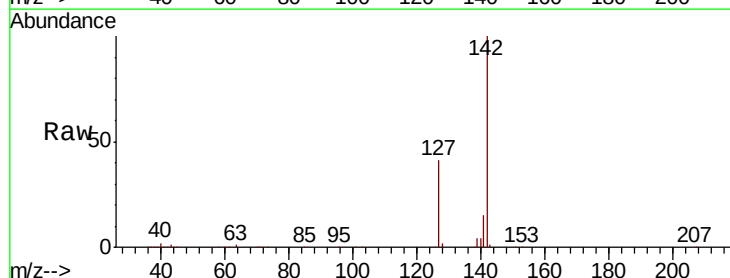
Tgt Ion:142 Resp: 834903

Ion Ratio Lower Upper

142 100

127 41.8 33.8 50.8

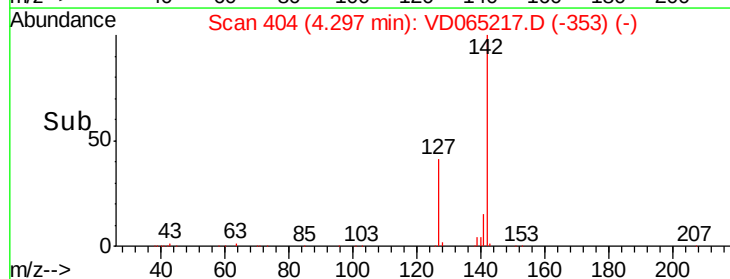
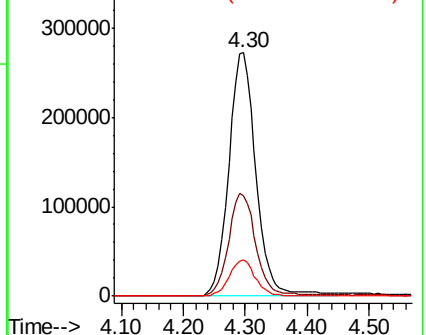
141 14.2 11.7 17.5

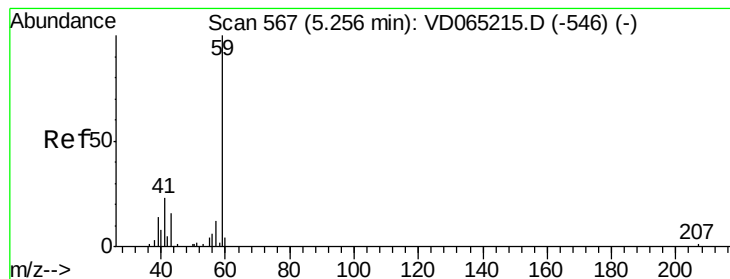


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



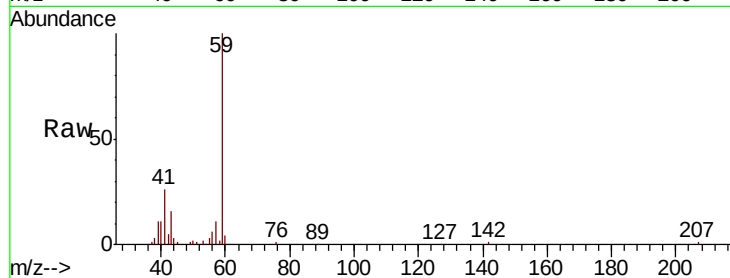


#11

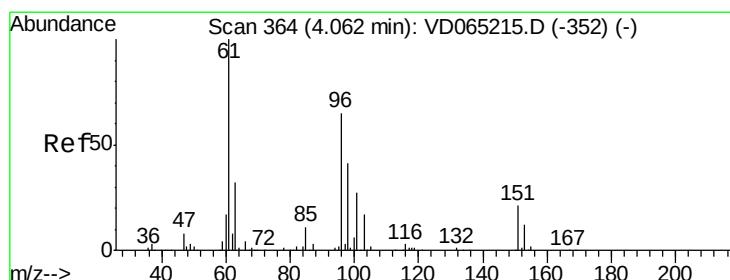
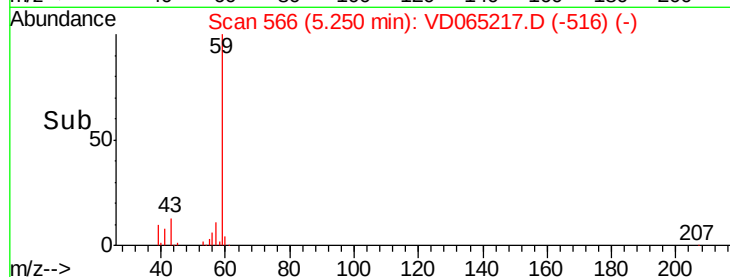
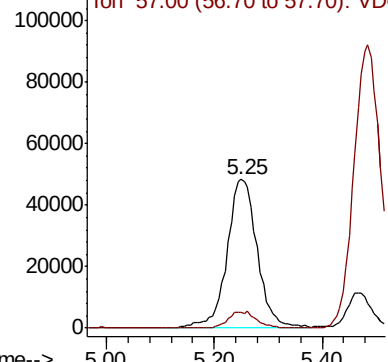
Tert butyl alcohol
Concen: 680.488 ug/l
RT: 5.25 min Scan# 566
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 186821
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



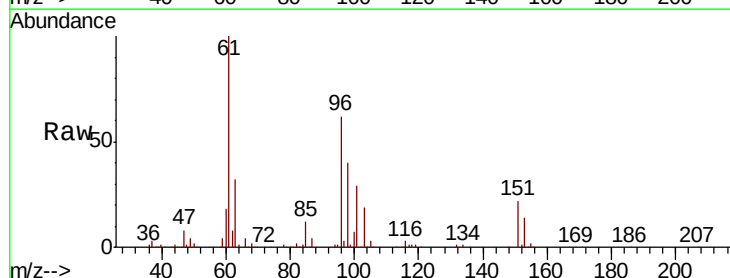
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



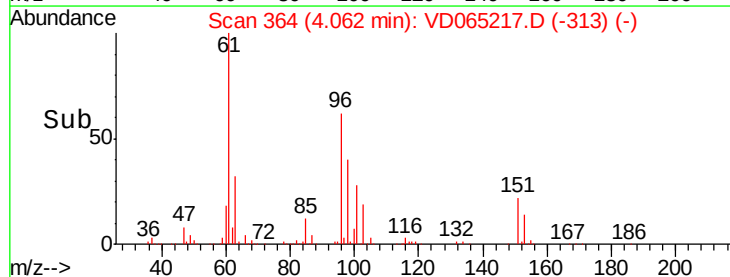
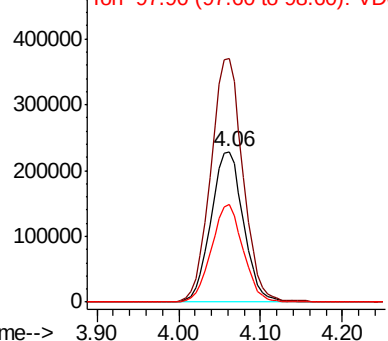
#12

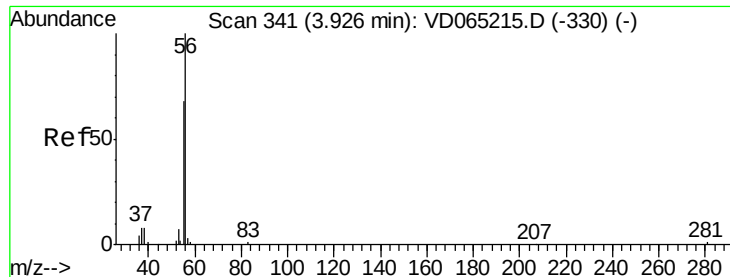
1,1-Dichloroethene
Concen: 133.612 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 96 Resp: 632651
Ion Ratio Lower Upper
96 100
61 161.8 123.3 184.9
98 64.9 51.0 76.4



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: 568.339 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

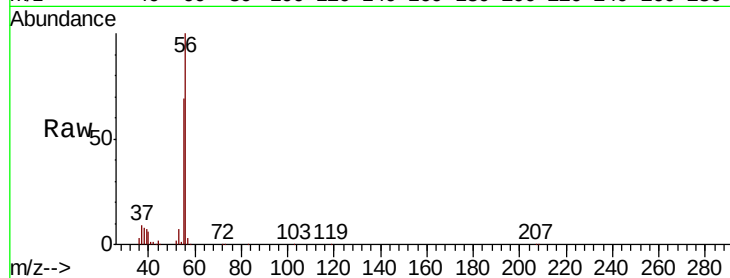
VSTDIC150

Tot Ion: 56 Resp: 232282

Ion Ratio Lower Upper

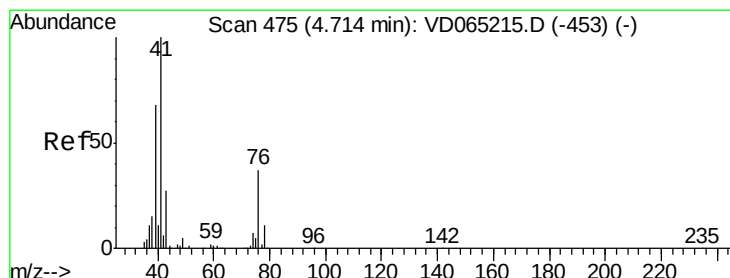
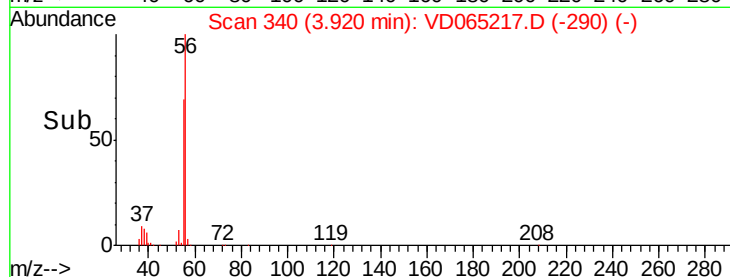
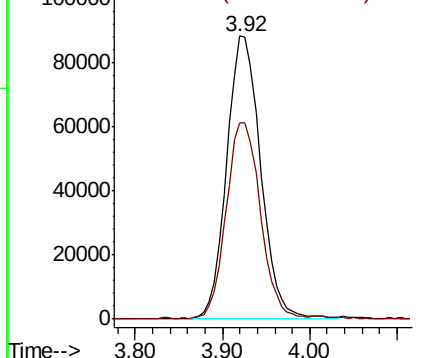
56 100

55 69.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 141.807 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

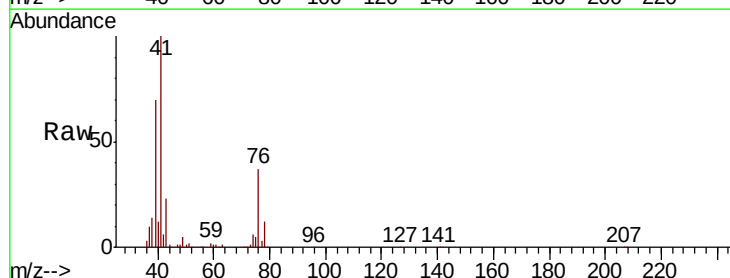
Tgt Ion: 41 Resp: 1090375

Ion Ratio Lower Upper

41 100

39 66.3 53.8 80.6

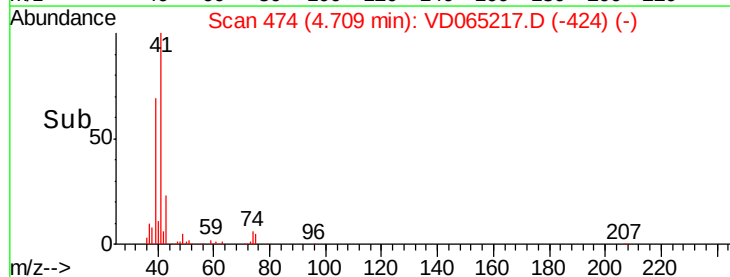
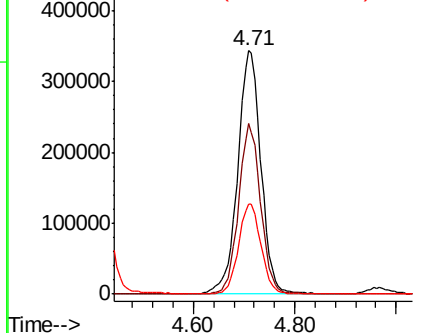
76 35.1 28.7 43.1

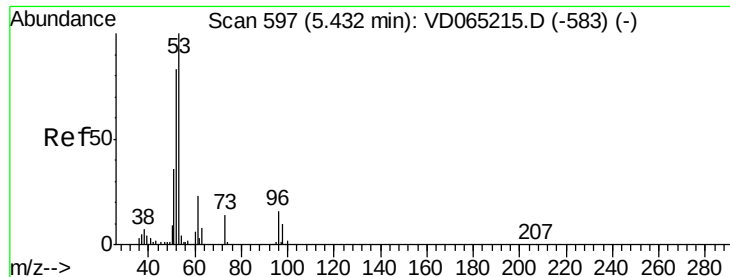


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 717.589 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

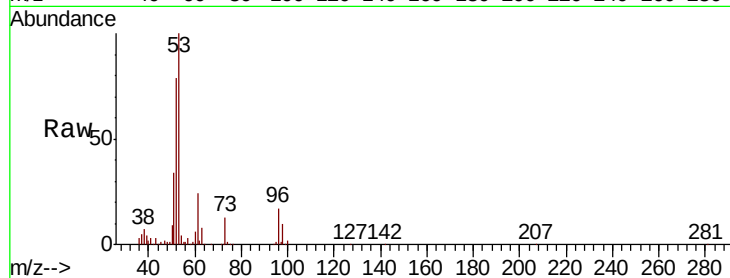
Tot Ion: 53 Resp: 761182

Ion Ratio Lower Upper

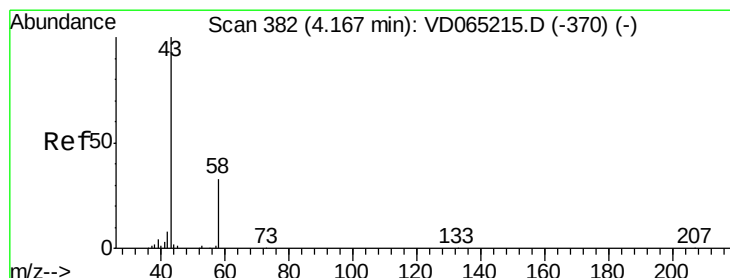
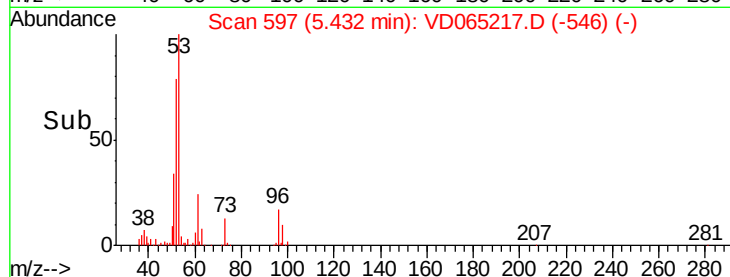
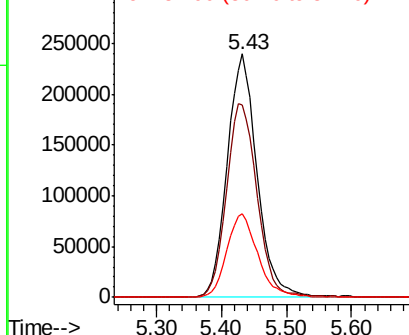
53 100

52 81.7 65.4 98.2

51 35.9 29.5 44.3



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: 715.756 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065217.D

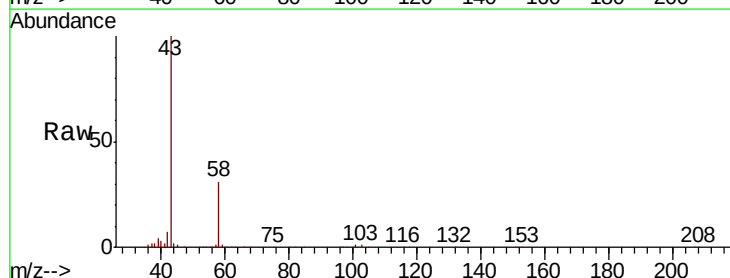
Acq: 18 Feb 2020 12:54

Tgt Ion: 43 Resp: 803850

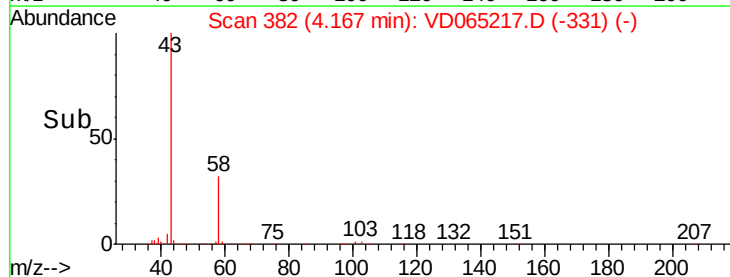
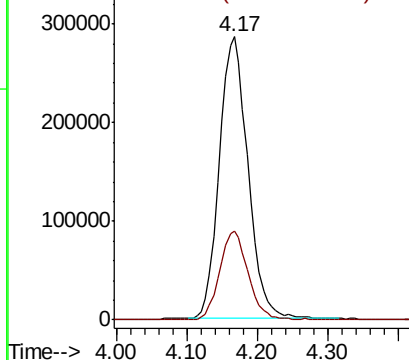
Ion Ratio Lower Upper

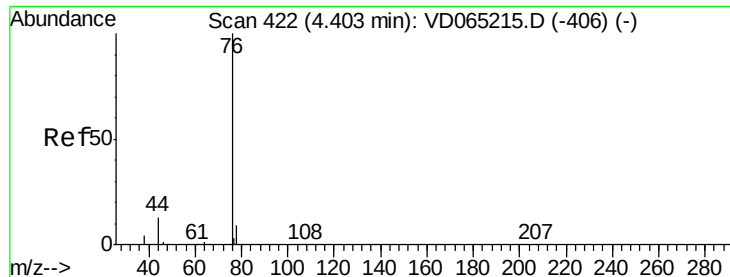
43 100

58 31.4 26.2 39.2



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





#17

Carbon Disulfide

Concen: 133.536 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

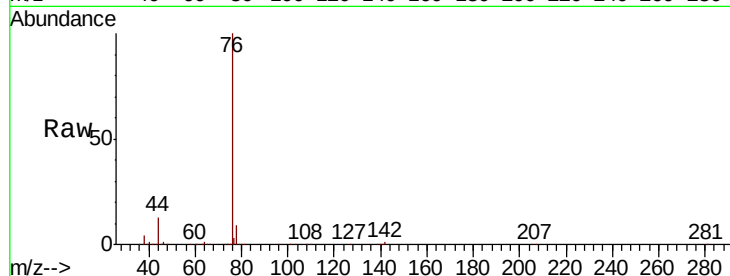
VSTDIC150

Tot Ion: 76 Resp: 2119831

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

800000

600000

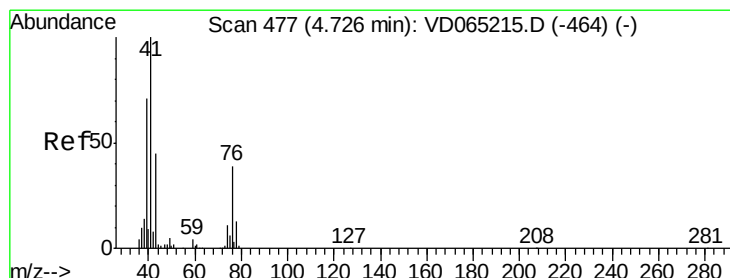
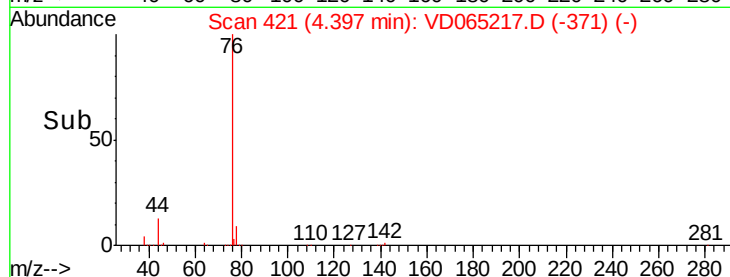
400000

200000

0

4.20 4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 133.715 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065217.D

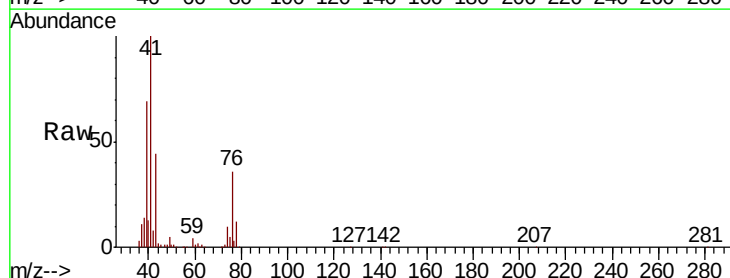
Acq: 18 Feb 2020 12:54

Tgt Ion: 43 Resp: 337749

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

120000

100000

80000

60000

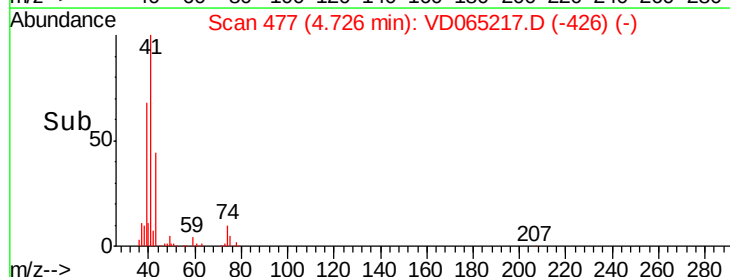
40000

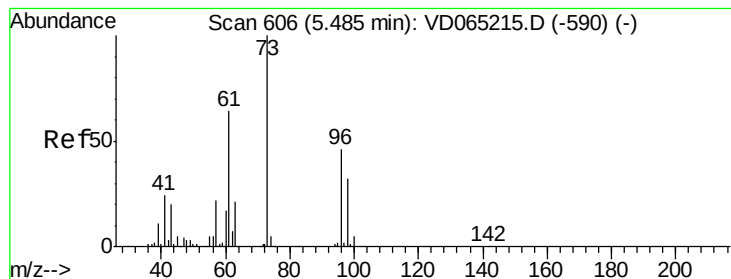
20000

0

4.60 4.70 4.80 4.90

Time-->



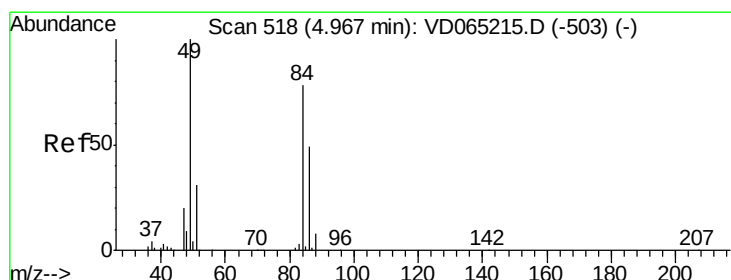
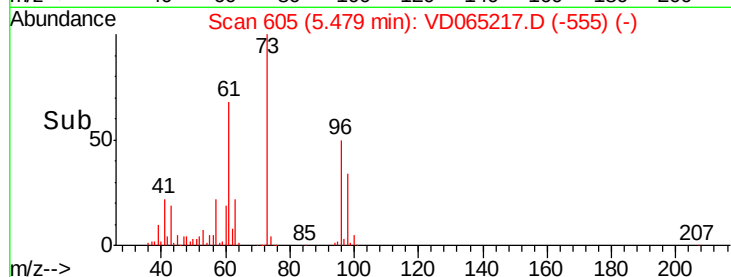
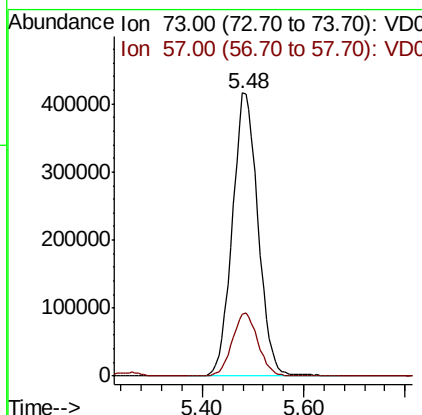
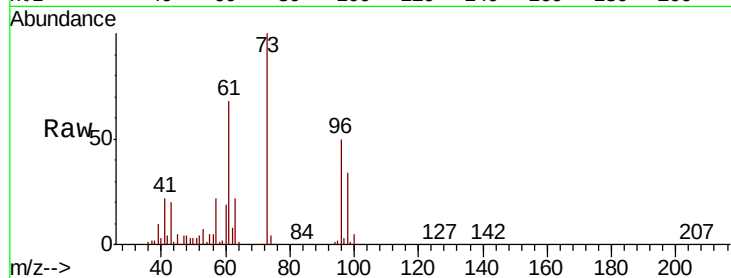


#19

Methyl tert-butyl Ether
 Concen: 147.829 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

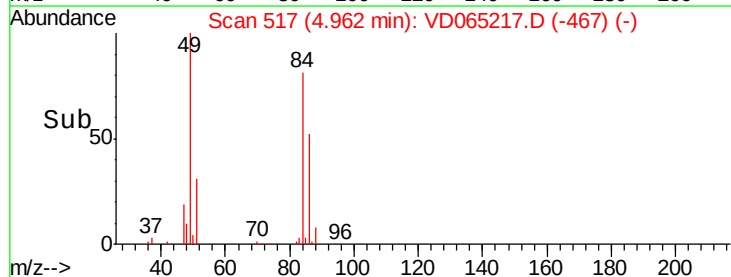
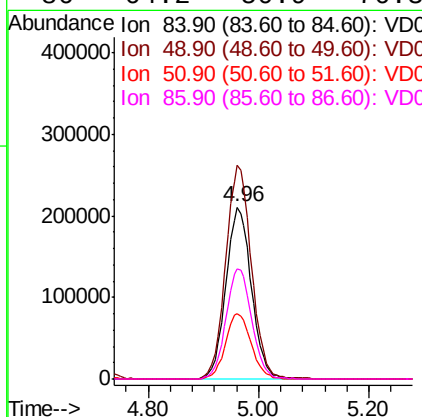
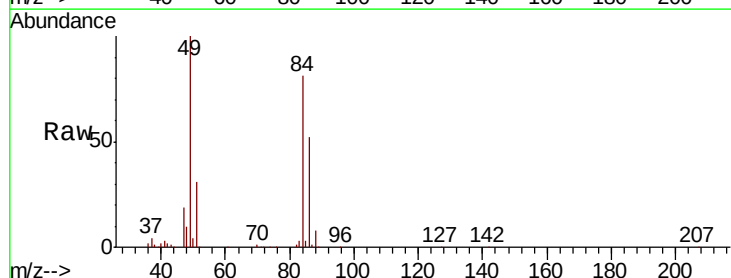
Tot Ion: 73 Resp: 1459674
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.3 25.9

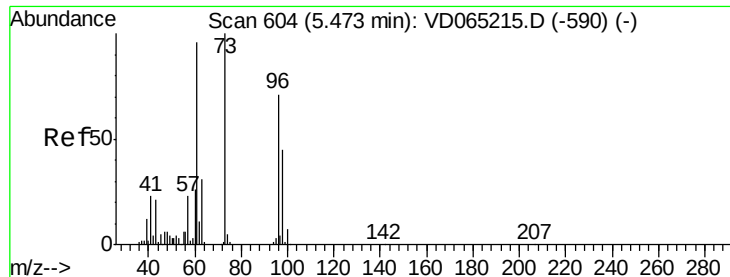


#20

Methylene Chloride
 Concen: 119.760 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion: 84 Resp: 682752
 Ion Ratio Lower Upper
 84 100
 49 124.1 103.1 154.7
 51 38.0 31.7 47.5
 86 64.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 135.544 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

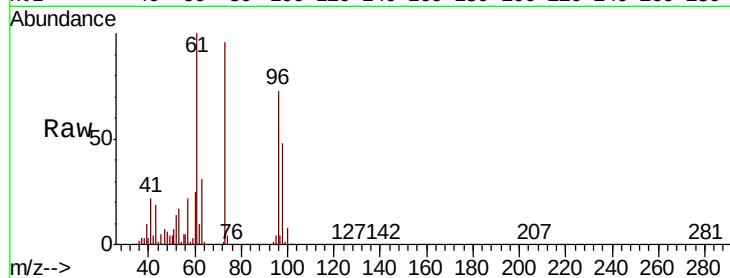
Tot Ion: 96 Resp: 729609

Ion Ratio Lower Upper

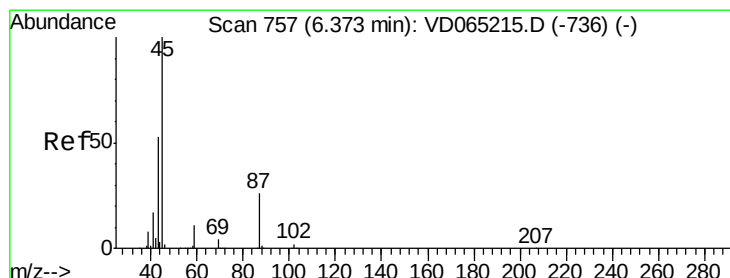
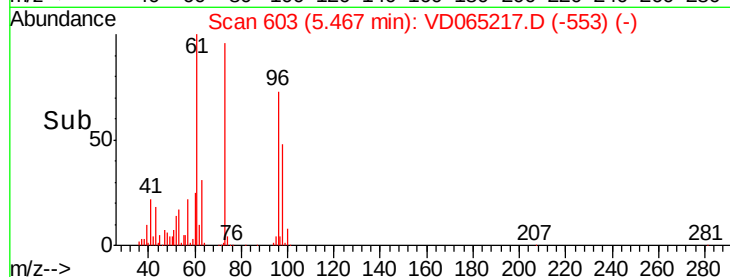
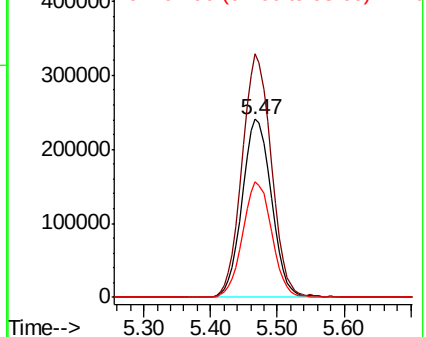
96 100

61 136.7 108.3 162.5

98 64.9 50.7 76.1



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



#22

Diisopropyl ether

Concen: 141.305 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion: 45 Resp: 2094571

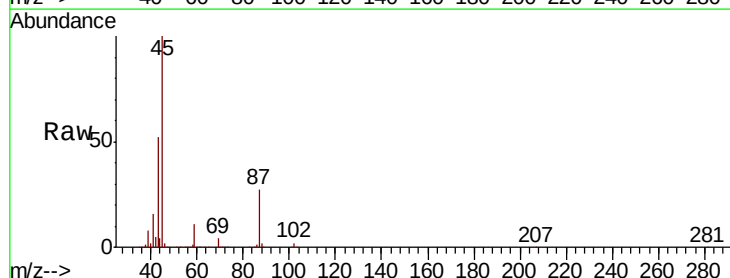
Ion Ratio Lower Upper

45 100

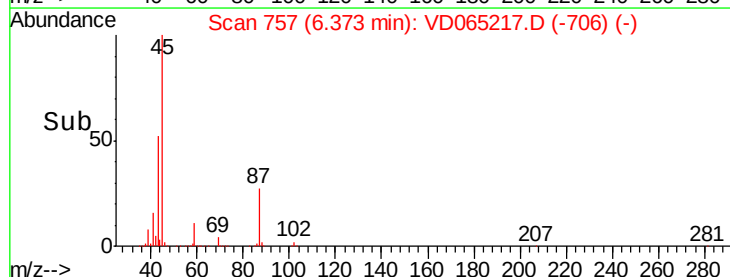
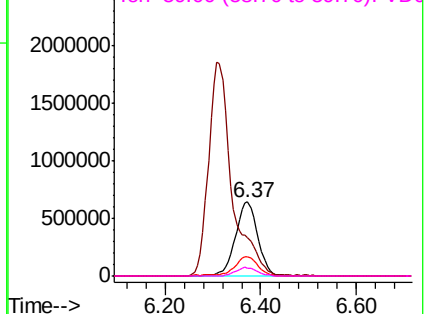
43 51.8 42.6 64.0

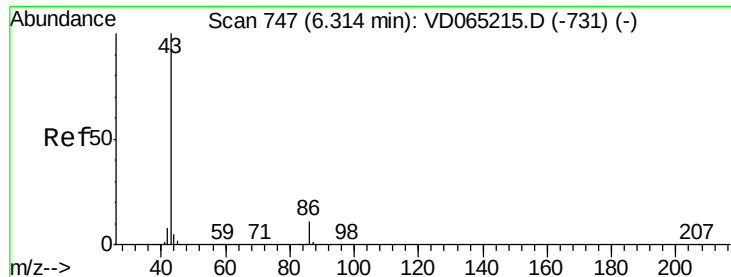
87 26.7 21.2 31.8

59 11.2 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 770.541 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

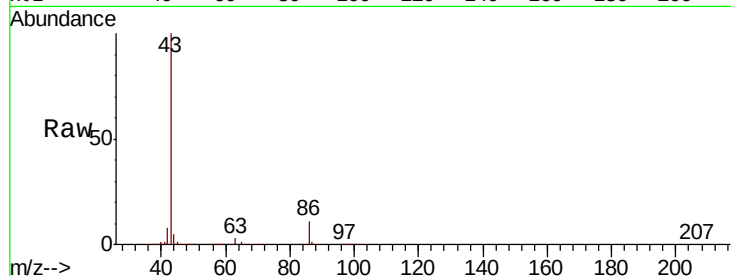
VSTDIC150

Tot Ion: 43 Resp: 6296750

Ion Ratio Lower Upper

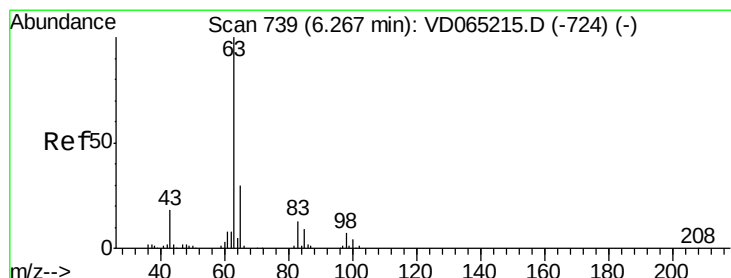
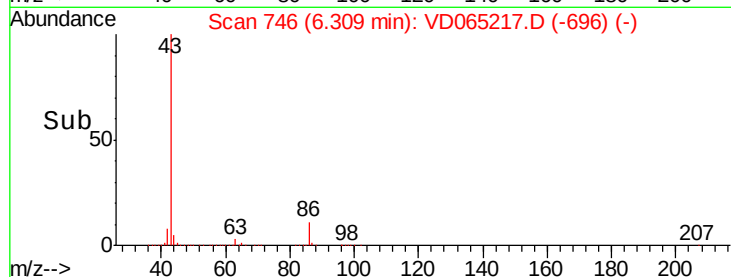
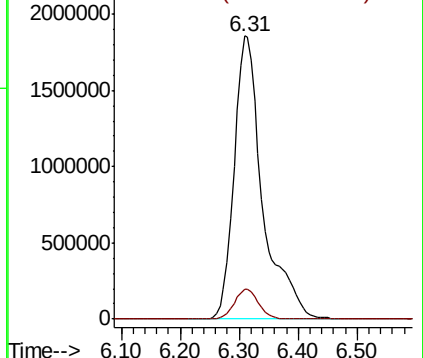
43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 133.636 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

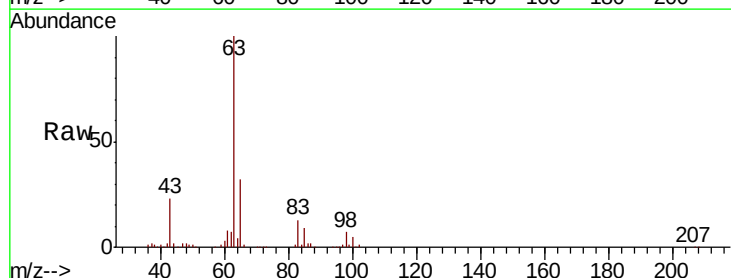
Tgt Ion: 63 Resp: 1228670

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

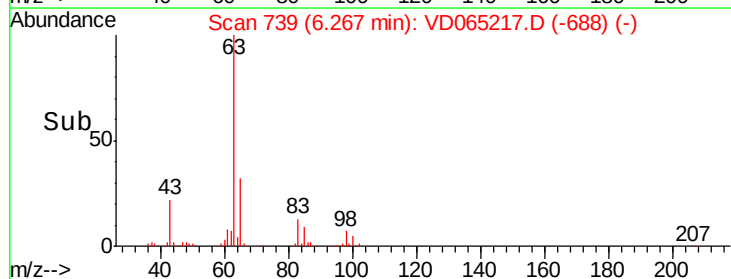
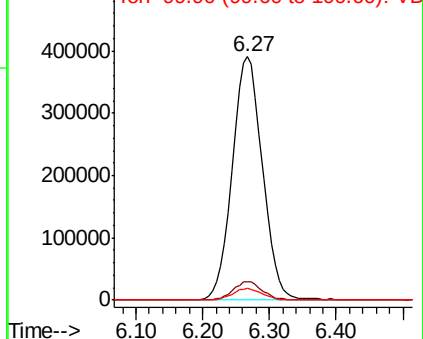
100 4.8 2.3 6.8

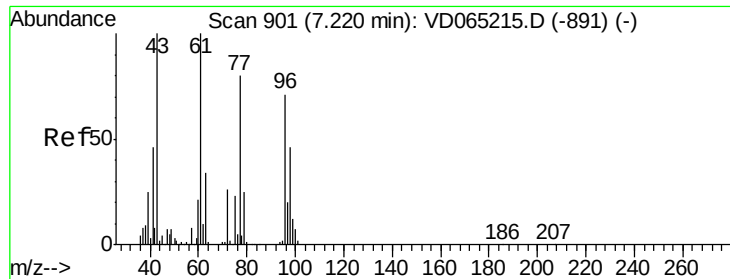


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 728.162 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

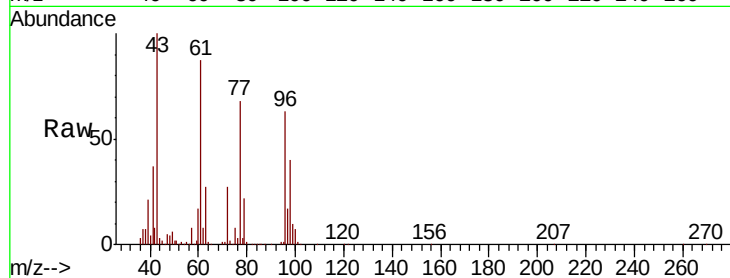
VSTDIC150

Tot Ion: 43 Resp: 1034674

Ion Ratio Lower Upper

43 100

72 26.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.23

400000

300000

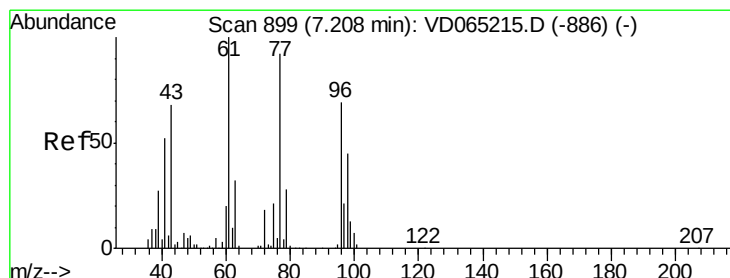
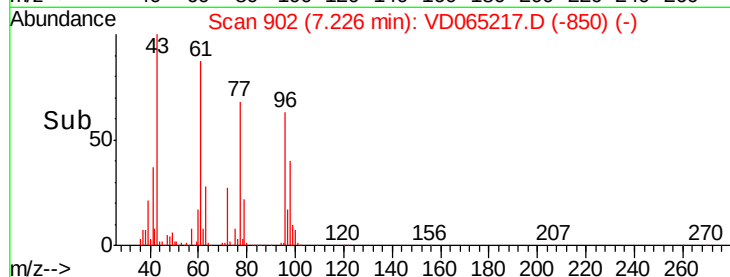
200000

100000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#26

2,2-Dichloropropane

Concen: 131.127 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065217.D

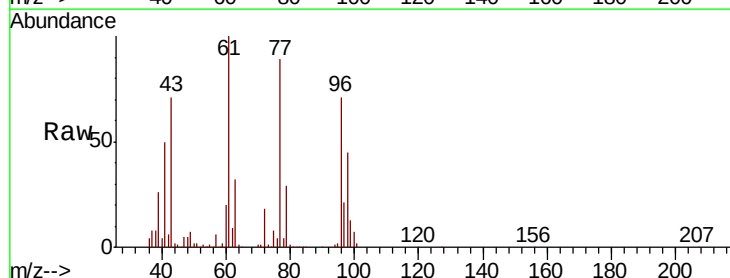
Acq: 18 Feb 2020 12:54

Tgt Ion: 77 Resp: 1046025

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

400000

300000

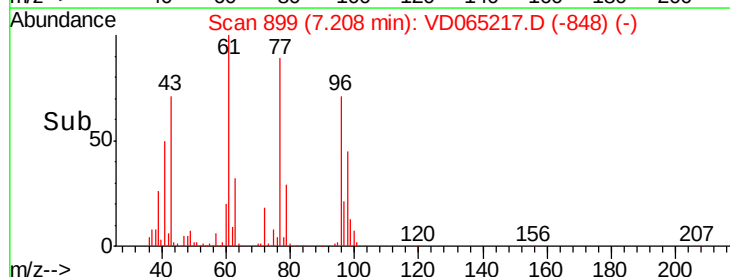
200000

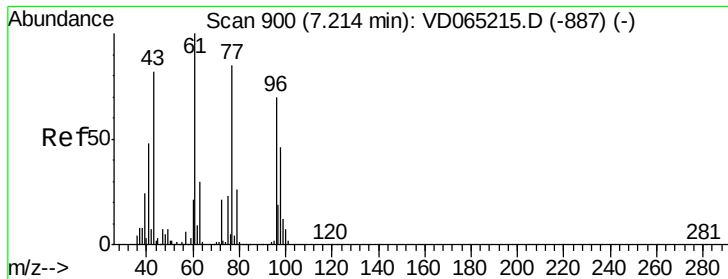
100000

0

7.10 7.20 7.30

Time-->



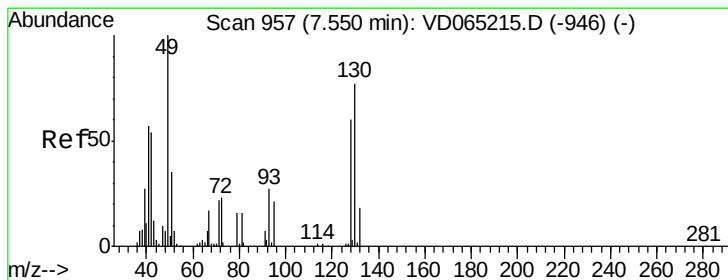
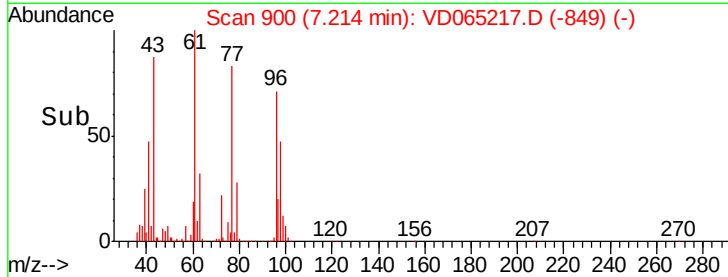
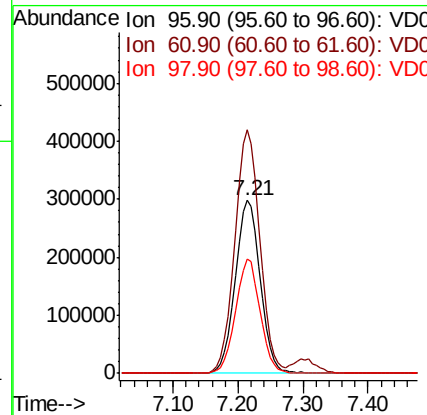
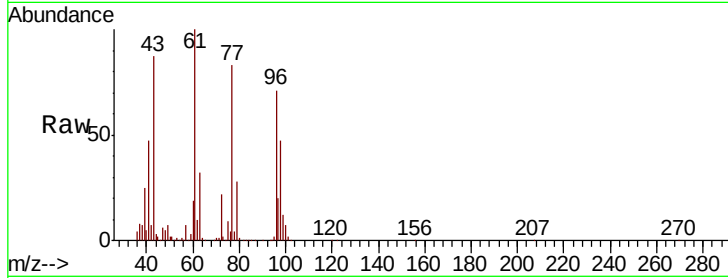


#27

cis-1,2-Dichloroethene
 Concen: 138.883 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

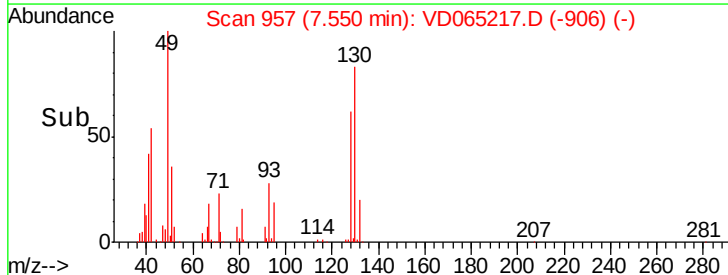
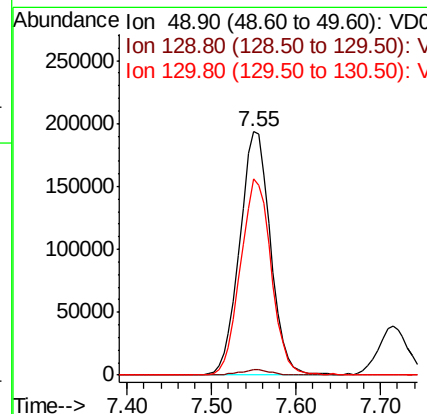
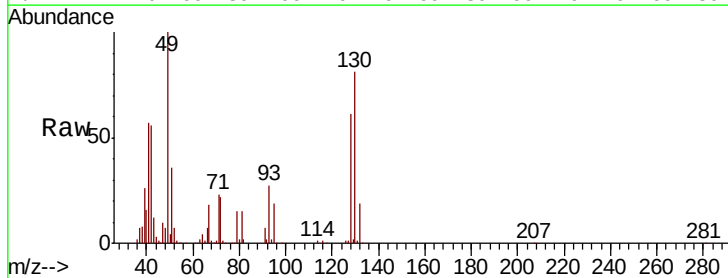
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	286.0
98	64.5	0.0	127.8

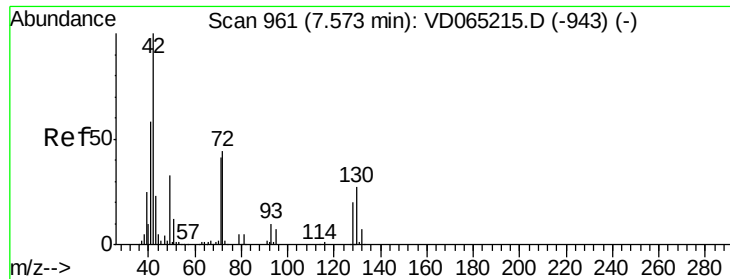


#28

Bromochloromethane
 Concen: 142.691 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	80.5	64.7	97.1

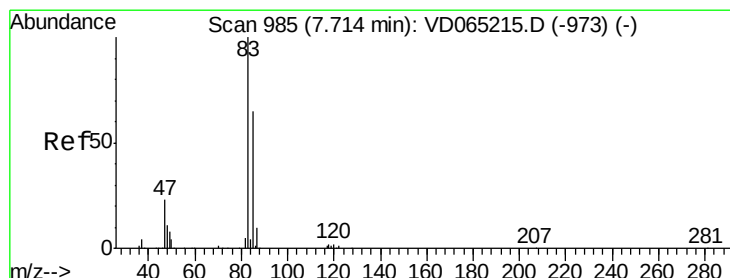
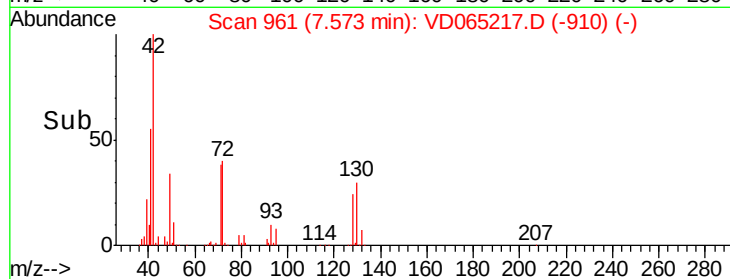
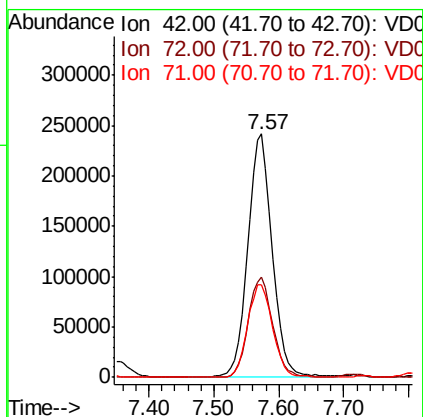
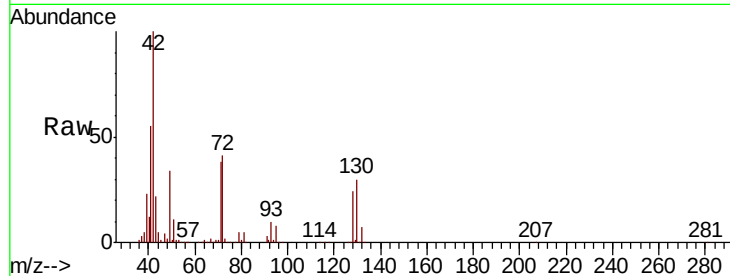




#29
Tetrahydrofuran
Concen: 751.066 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

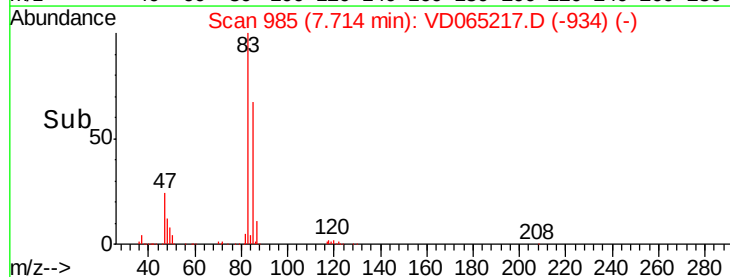
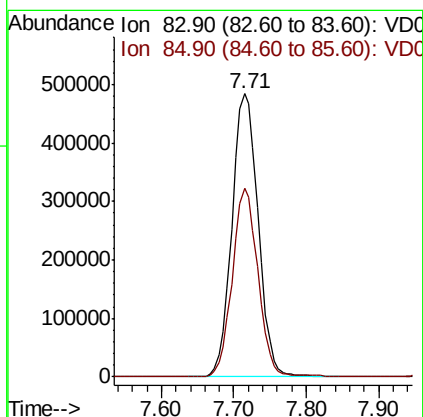
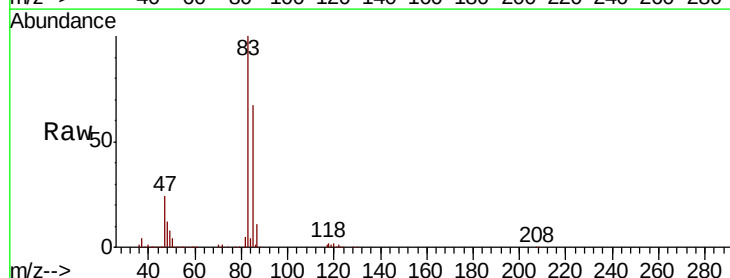
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

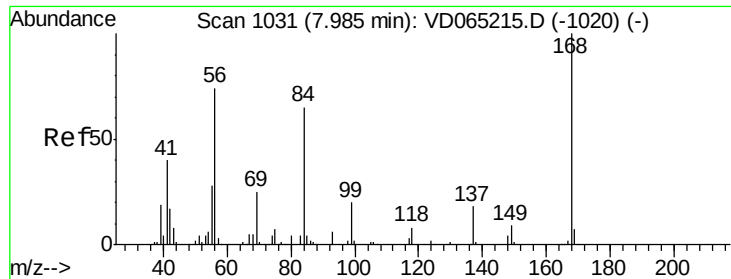
Tot Ion: 42 Resp: 625309
Ion Ratio Lower Upper
42 100
72 41.5 33.7 50.5
71 39.2 31.4 47.2



#30
Chloroform
Concen: 131.559 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 83 Resp: 1218610
Ion Ratio Lower Upper
83 100
85 66.8 52.3 78.5

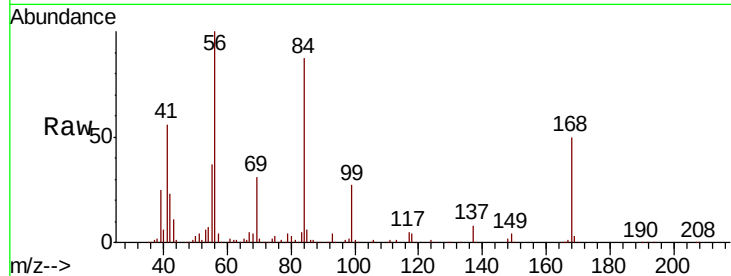




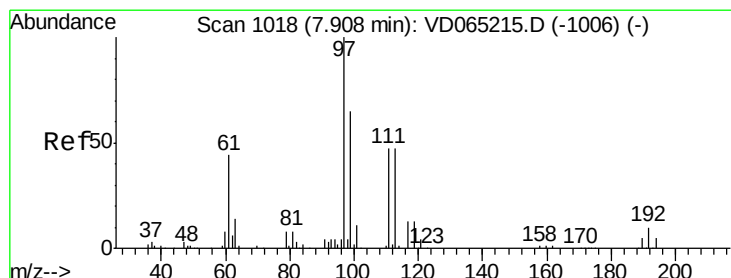
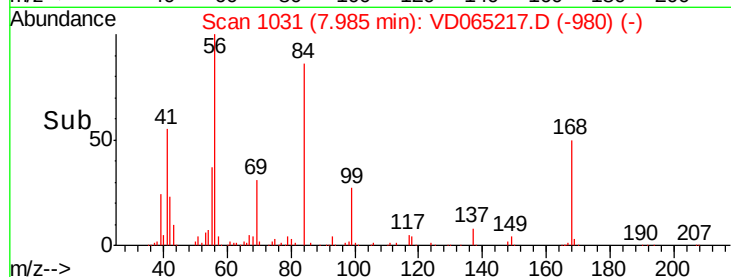
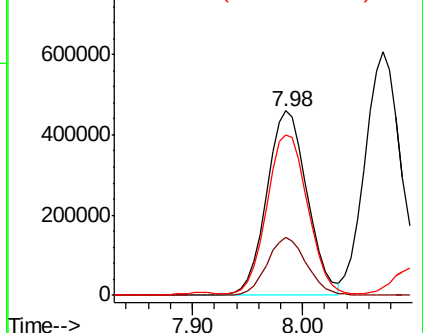
#31
Cyclohexane
Concen: 129.902 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1173470
Ion Ratio Lower Upper
56 100
69 31.5 27.4 41.0
84 85.9 71.1 106.7

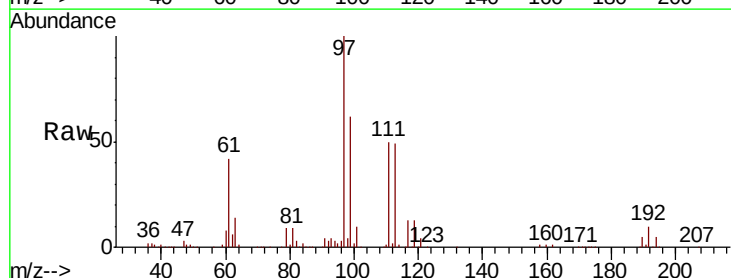


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

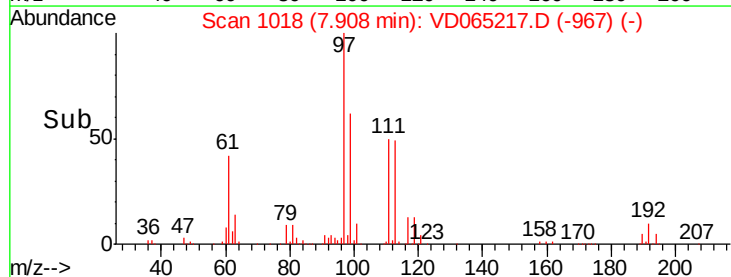
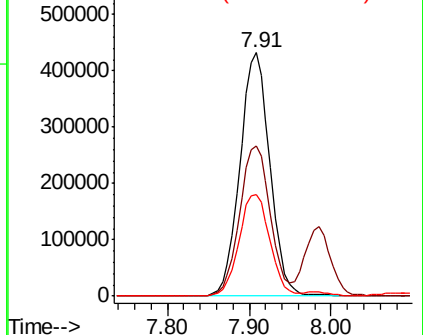


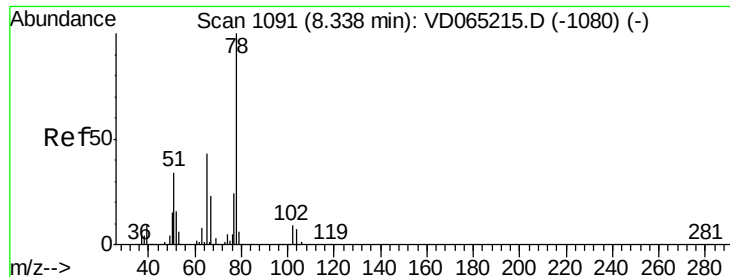
#32
1,1,1-Trichloroethane
Concen: 132.510 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 97 Resp: 1098193
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.2
61 43.1 34.8 52.2



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

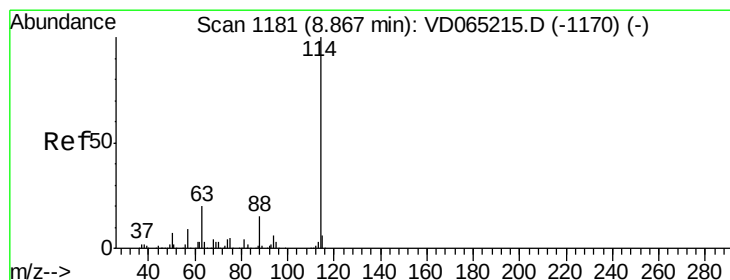
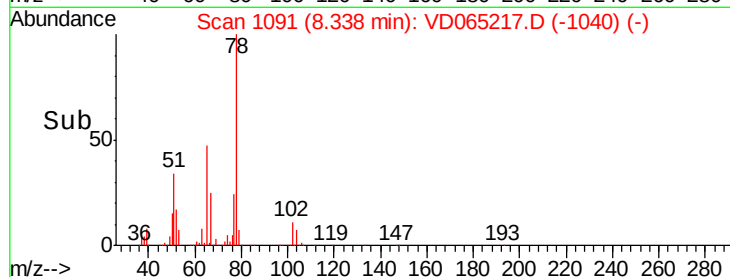
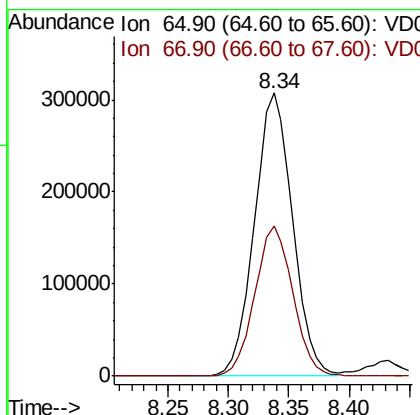
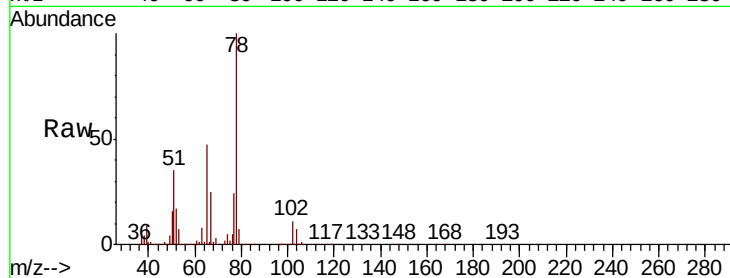




#33
 1,2-Dichloroethane-d4
 Concen: 146.704 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

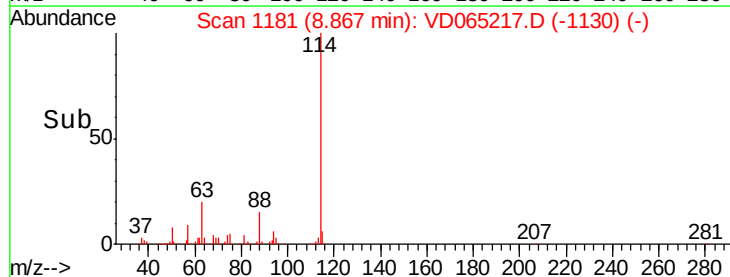
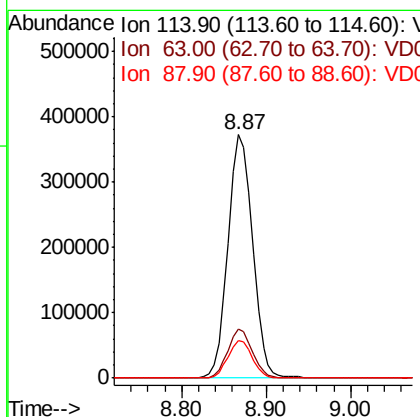
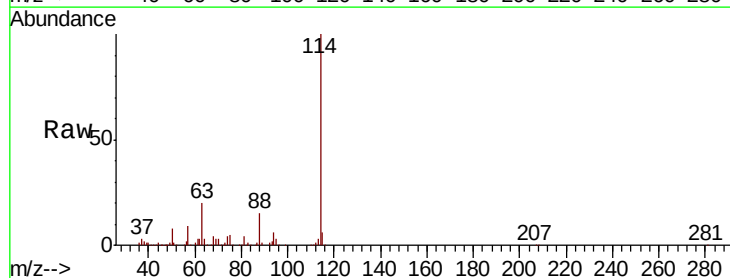
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

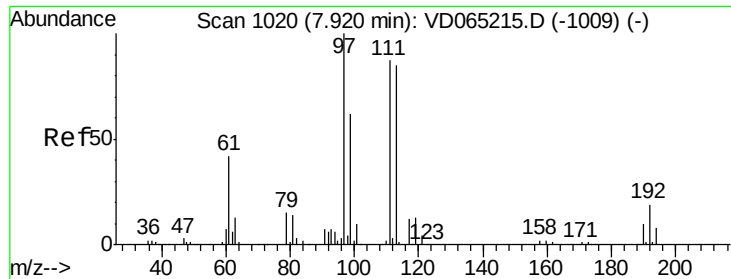
Tot Ion: 65 Resp: 674010
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion: 114 Resp: 748805
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.5 0.0 30.4

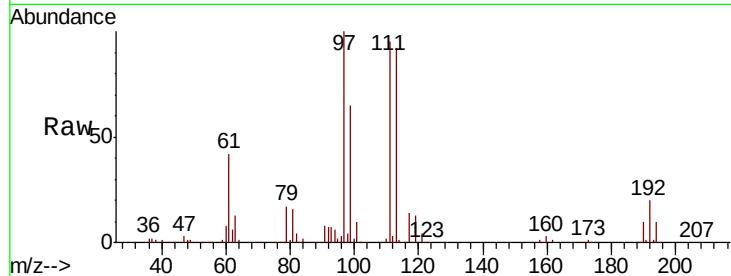




#35
 Dibromofluoromethane
 Concen: 149.728 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	22.0	17.3	25.9

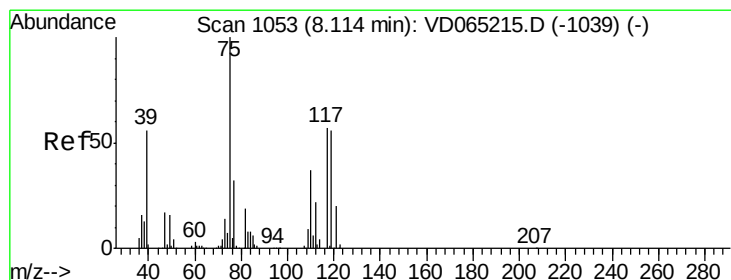
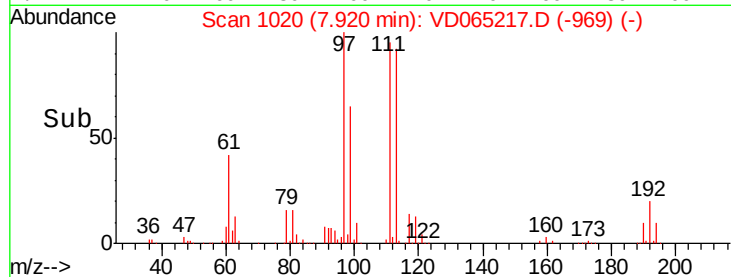
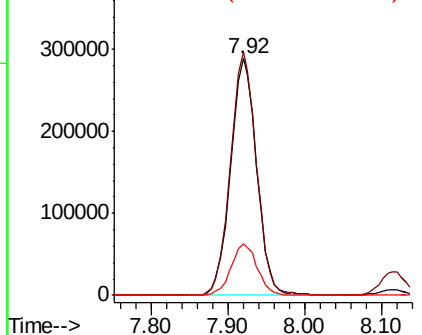


Abundance

Ion 112.80 (112.50 to 113.50): V

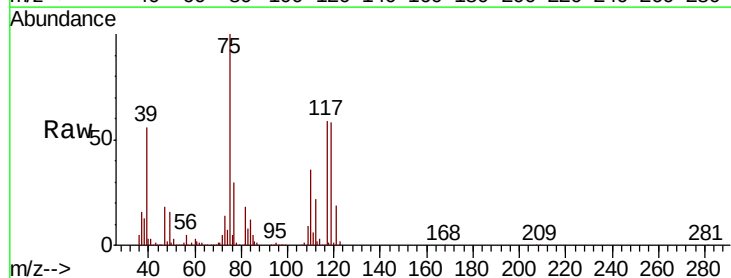
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 137.413 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.9	53.7
77	30.6	25.1	37.7

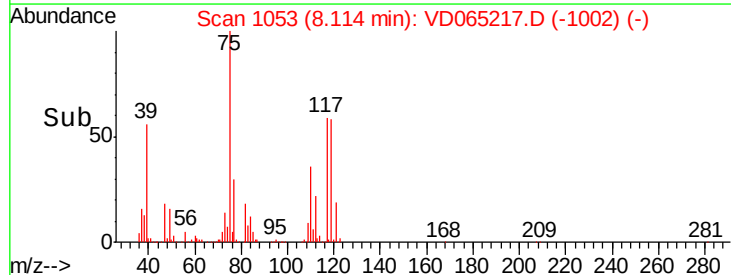
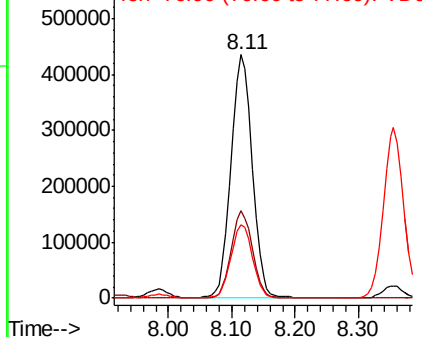


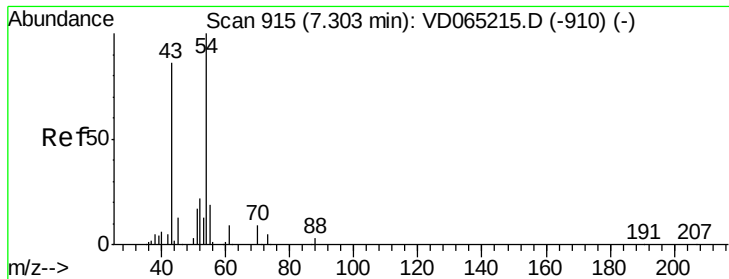
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

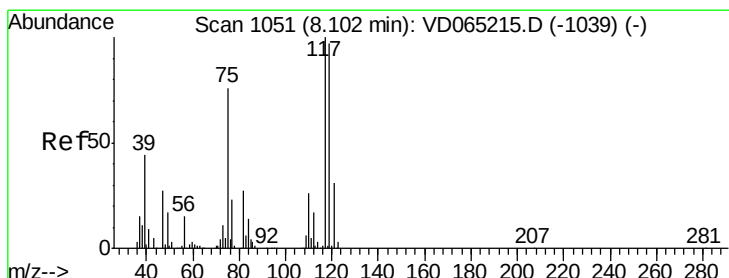
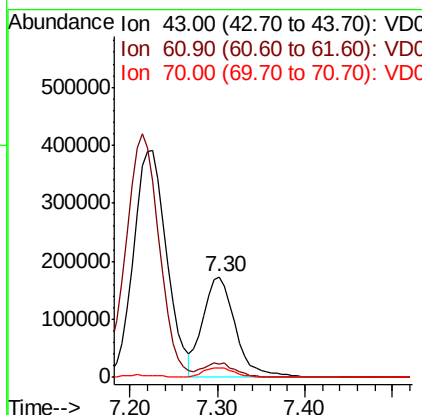
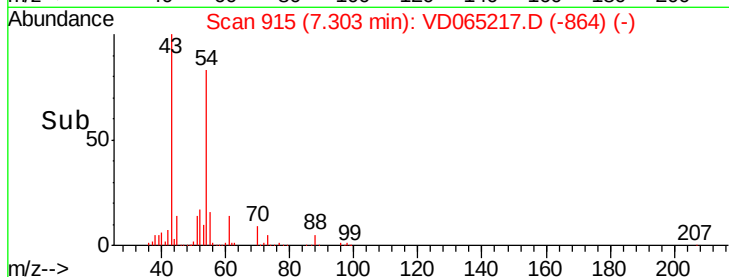
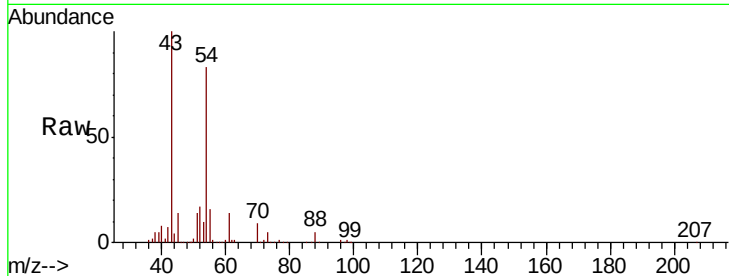




#37
Ethyl Acetate
Concen: 145.650 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

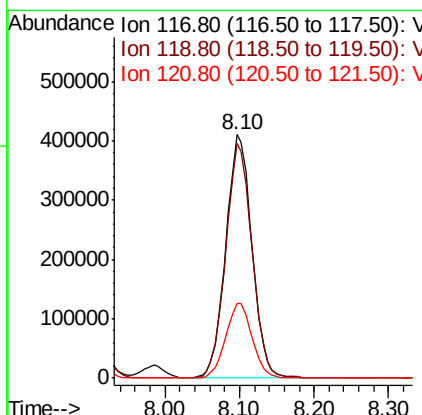
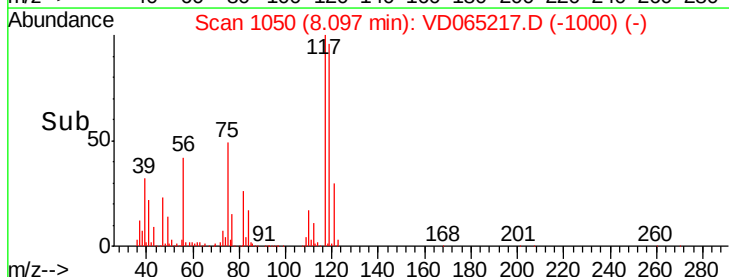
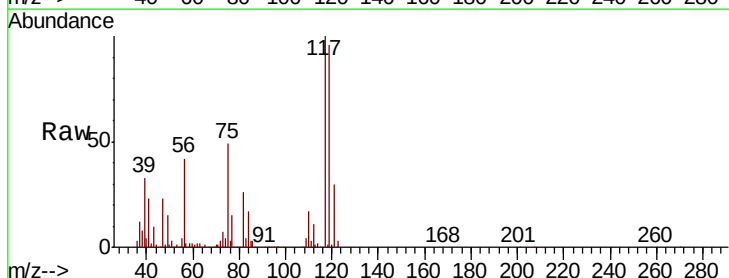
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

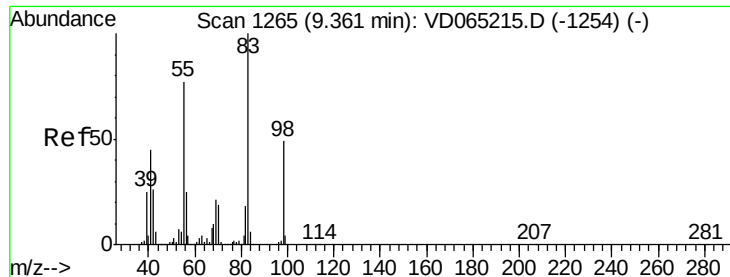
Tot Ion: 43 Resp: 443628
Ion Ratio Lower Upper
43 100
61 13.5 11.2 16.8
70 9.9 8.2 12.2



#38
Carbon Tetrachloride
Concen: 135.127 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 117 Resp: 1002232
Ion Ratio Lower Upper
117 100
119 96.2 77.6 116.4
121 30.5 24.8 37.2

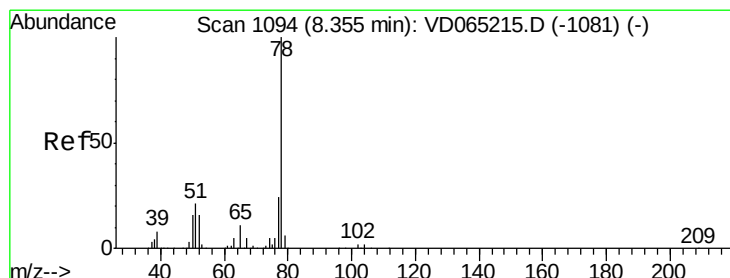
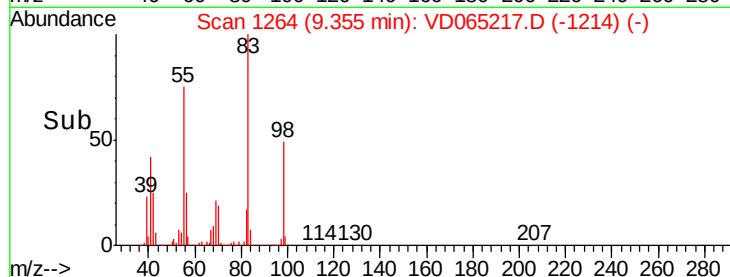
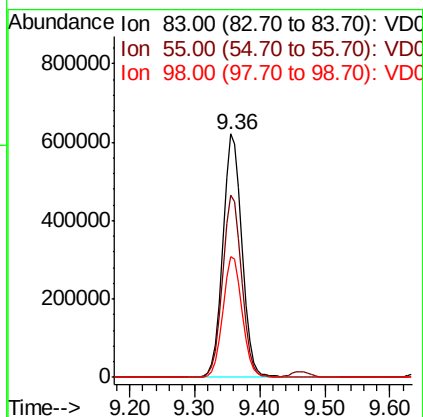
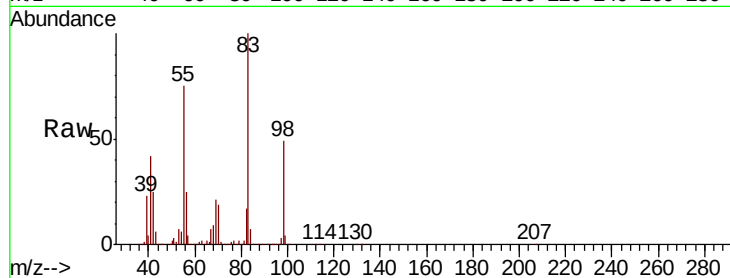




#39
Methylvlcyclohexane
Concen: 147.809 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

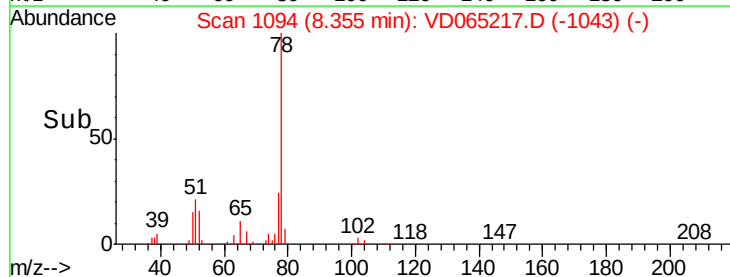
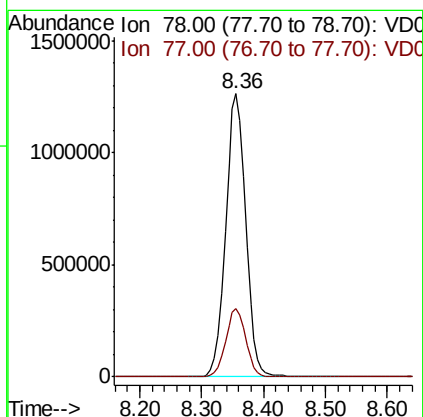
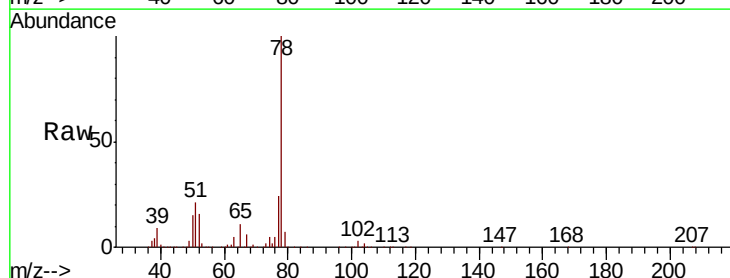
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

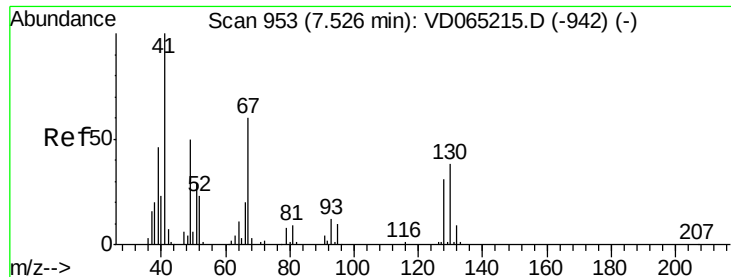
Tot Ion: 83 Resp: 1266071
Ion Ratio Lower Upper
83 100
55 74.8 61.8 92.6
98 49.3 39.4 59.0



#40
Benzene
Concen: 138.297 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 78 Resp: 2844096
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

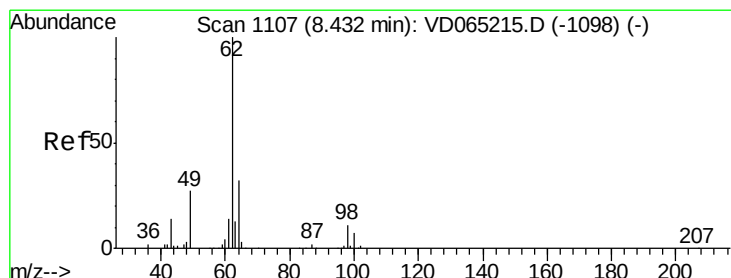
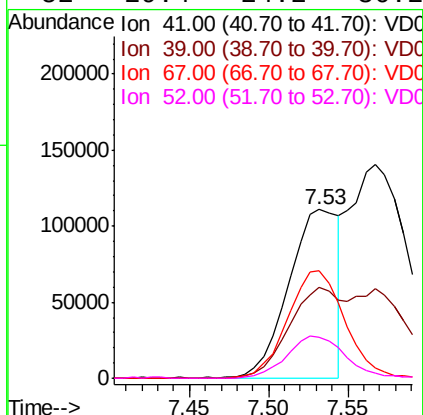
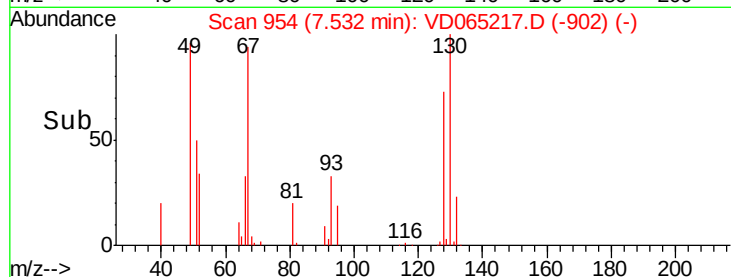
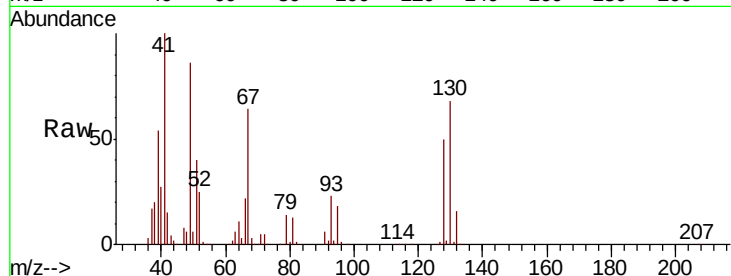




#41
Methacrylonitrile
Concen: 138.254 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

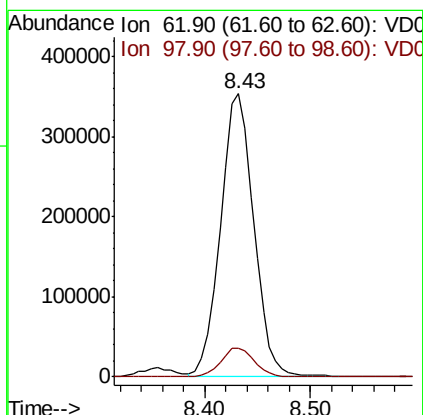
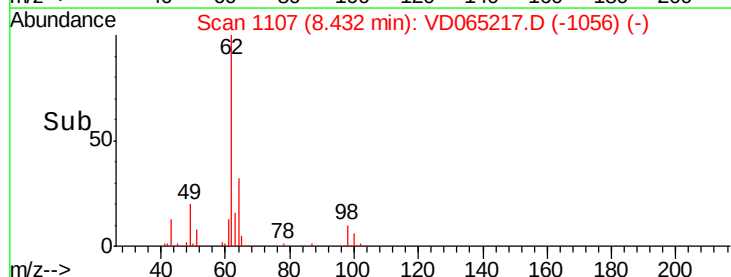
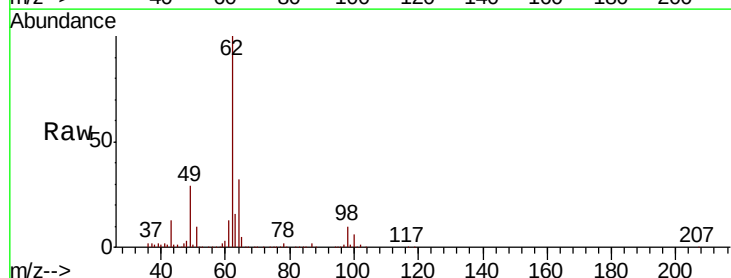
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

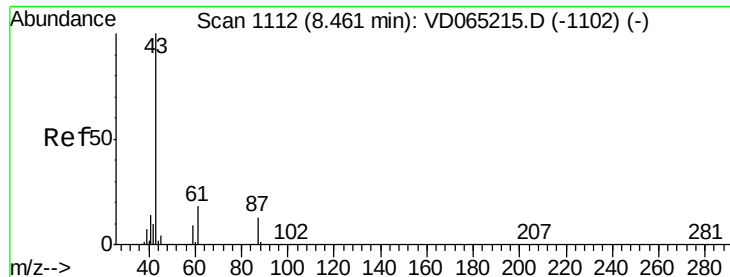
Tot Ion:	41	Resp:	243141
Ion	Ratio	Lower	Upper
41	100		
39	59.8	48.1	72.1
67	73.5	58.9	88.3
52	29.4	24.2	36.2



#42
1,2-Dichloroethane
Concen: 135.384 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion:	62	Resp:	765416
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 149.206 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

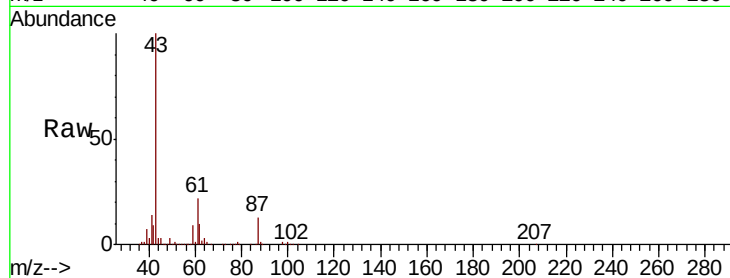
Tot Ion: 43 Resp: 826420

Ion Ratio Lower Upper

43 100

61 30.3 24.6 36.8

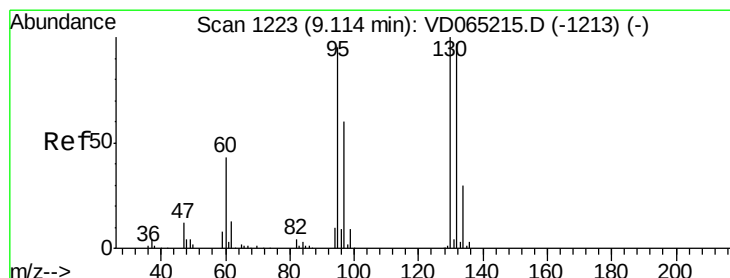
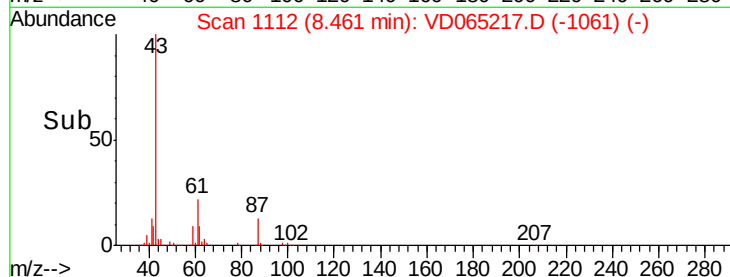
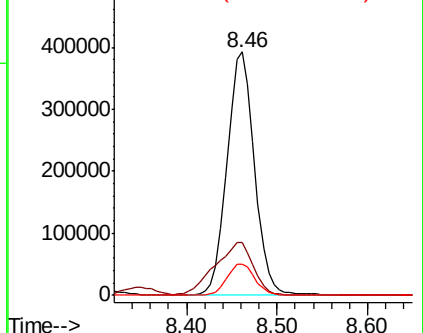
87 13.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 137.051 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065217.D

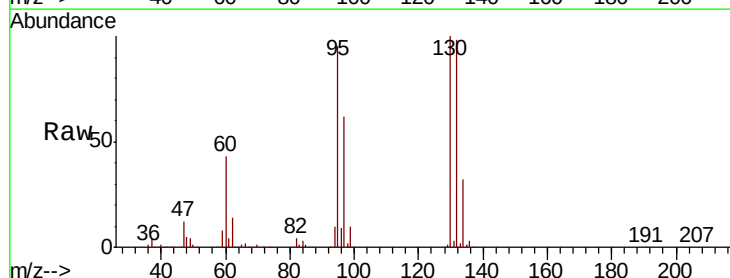
Acq: 18 Feb 2020 12:54

Tgt Ion:130 Resp: 781271

Ion Ratio Lower Upper

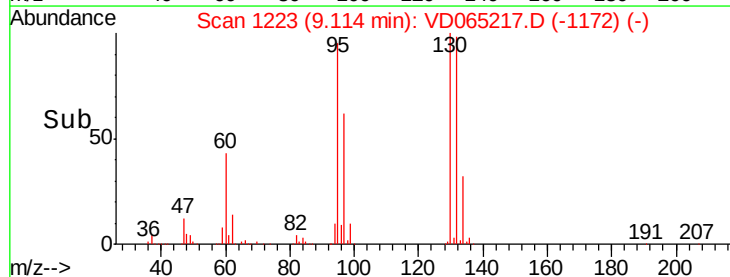
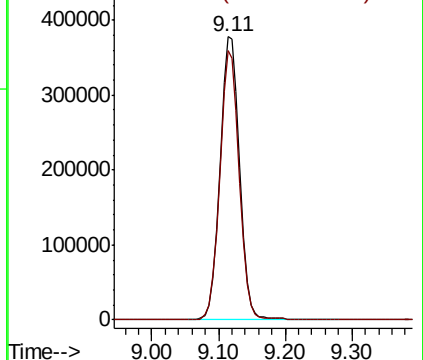
130 100

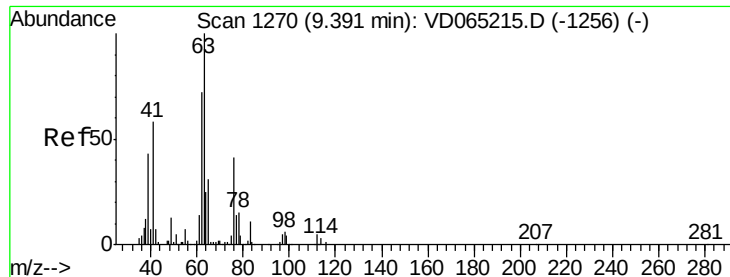
95 95.2 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

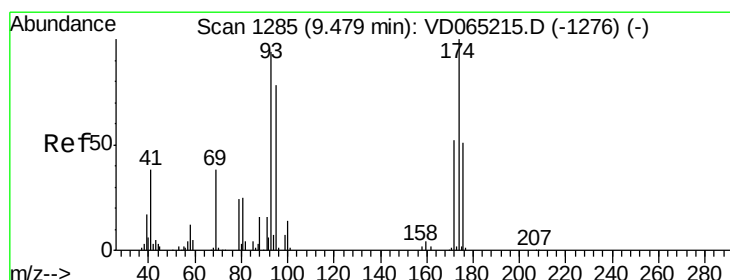
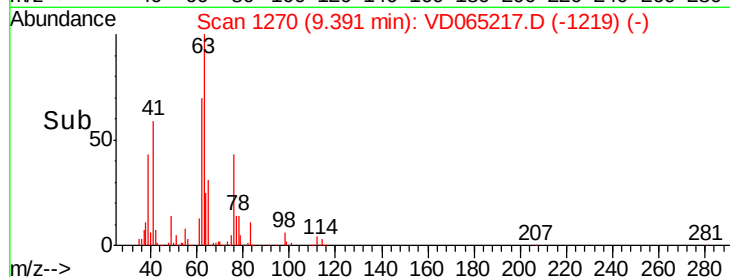
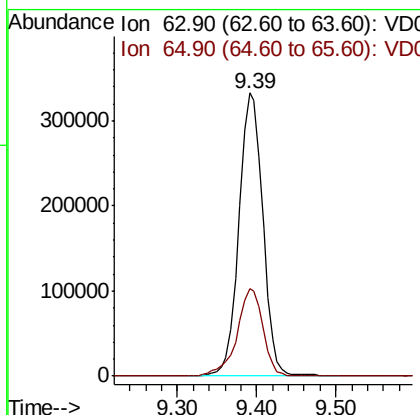
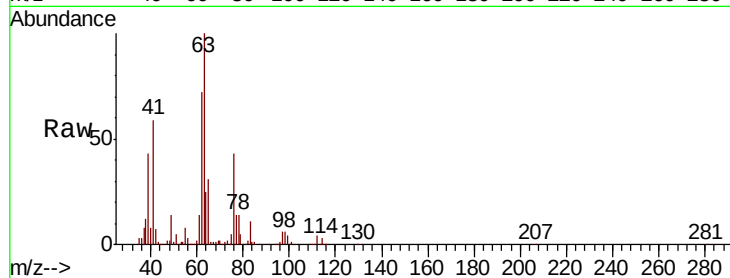




#45
 1,2-Dichloropropane
 Concen: 136.320 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

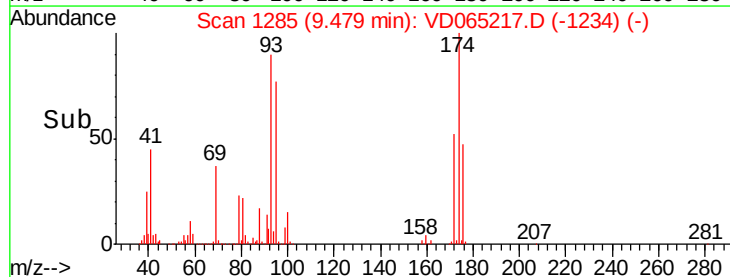
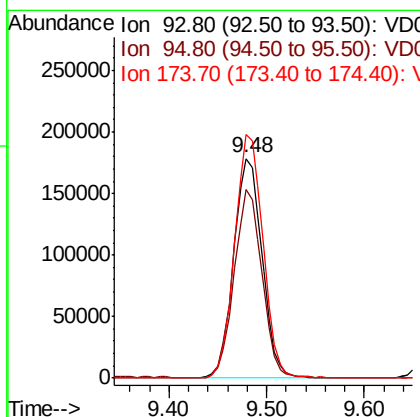
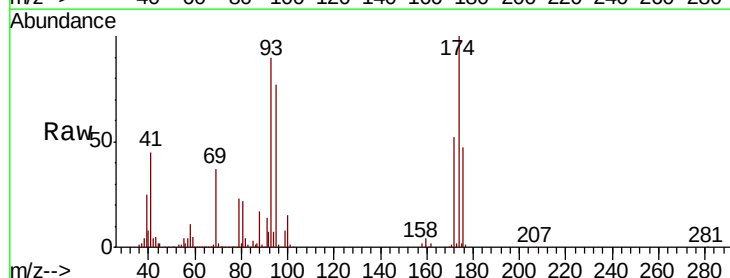
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

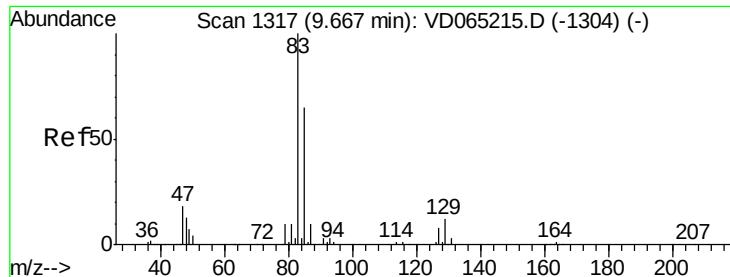
Tot Ion: 63 Resp: 697099
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 137.955 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion: 93 Resp: 362974
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.6
 174 110.6 86.8 130.2

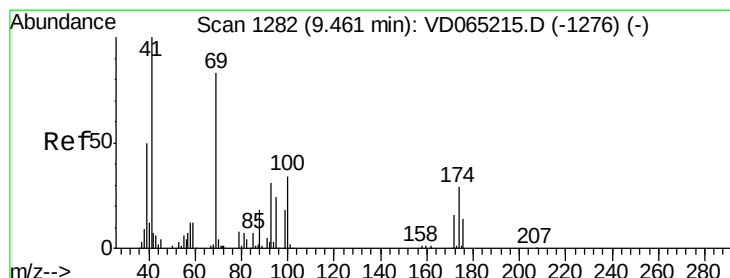
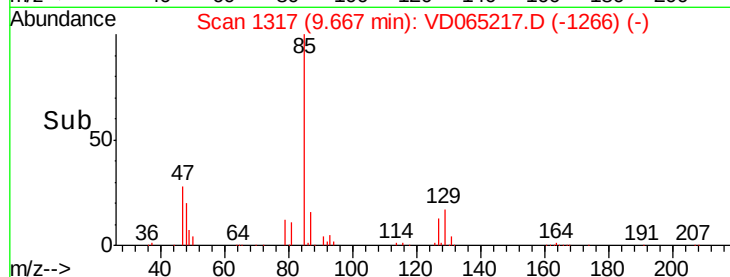
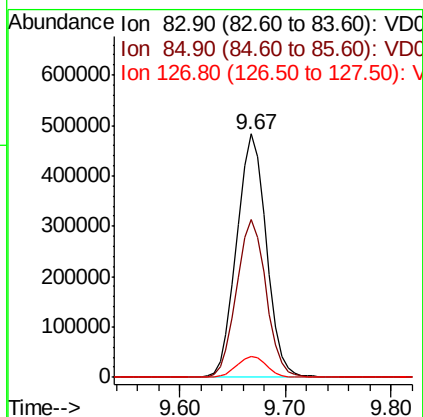
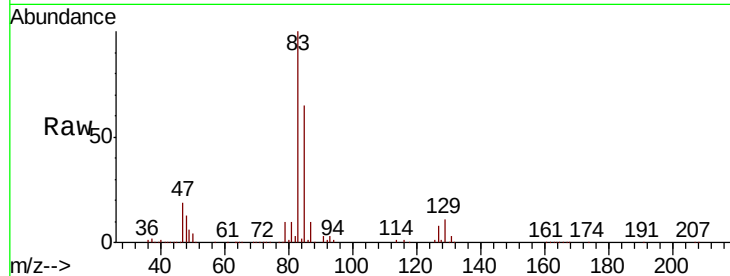




#47
Bromodichloromethane
Concen: 135.306 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

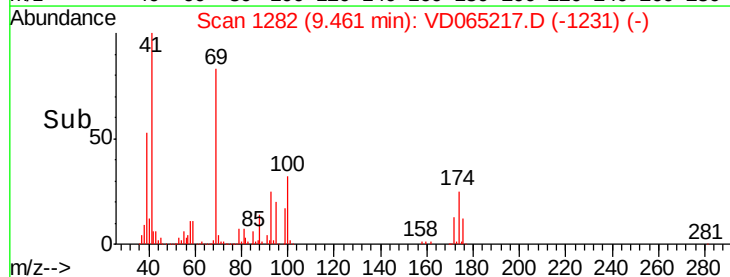
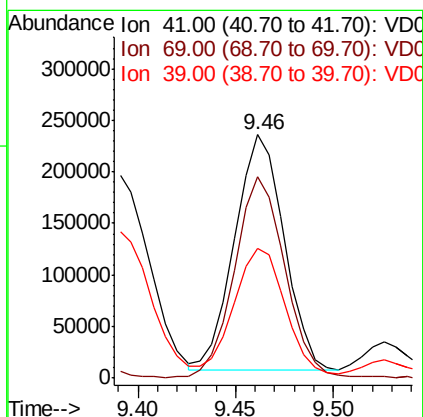
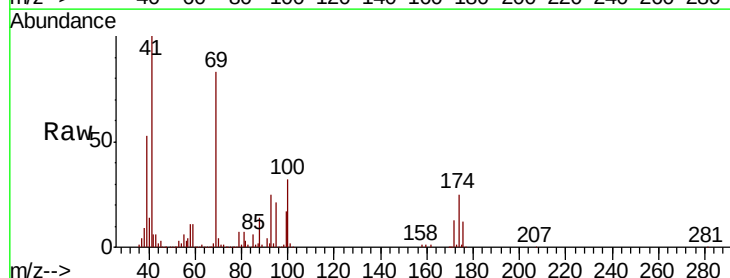
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

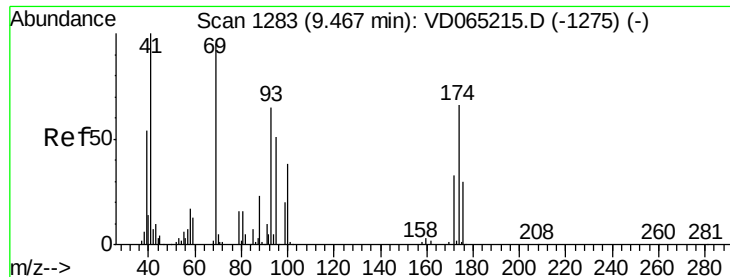
Tot Ion: 83 Resp: 938198
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 156.186 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 41 Resp: 399866
Ion Ratio Lower Upper
41 100
69 87.7 68.2 102.2
39 53.7 42.0 63.0





#49

1,4-Dioxane

Concen: 2921.884 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

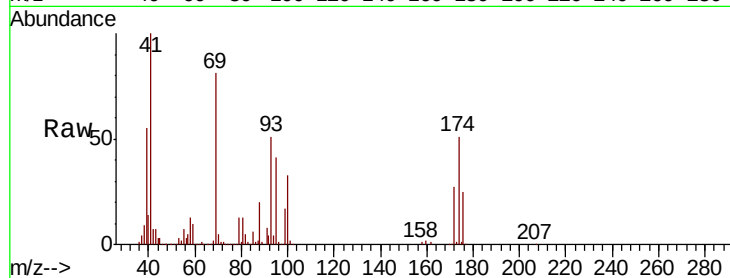
Tot Ion: 88 Resp: 90166

Ion Ratio Lower Upper

88 100

43 32.5 28.5 42.7

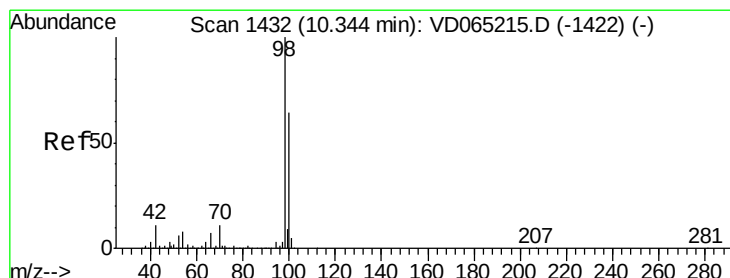
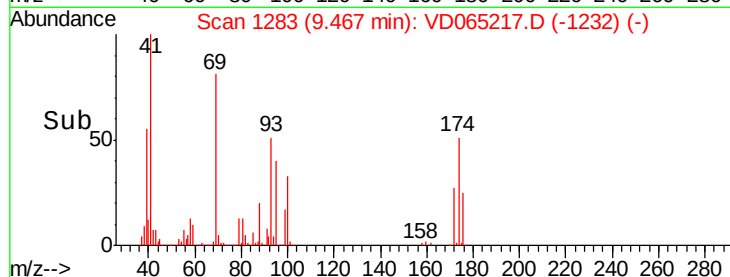
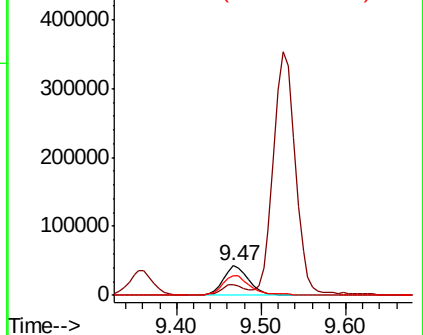
58 69.2 58.6 87.8



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 155.687 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065217.D

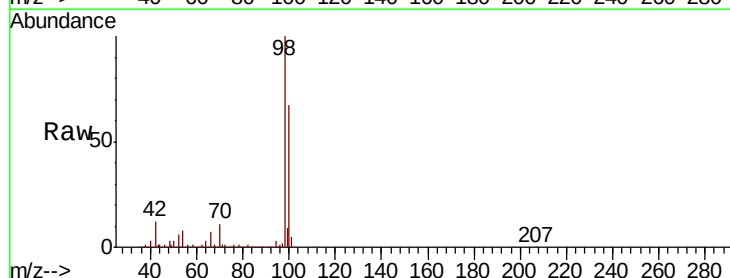
Acq: 18 Feb 2020 12:54

Tgt Ion: 98 Resp: 2717441

Ion Ratio Lower Upper

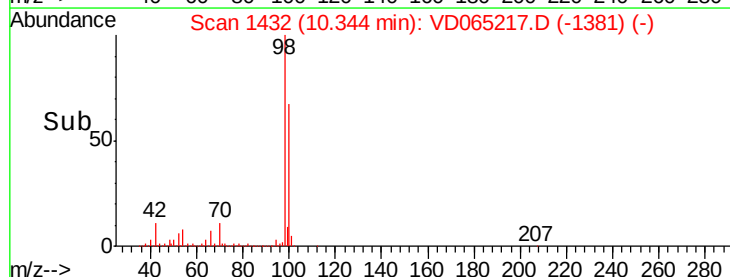
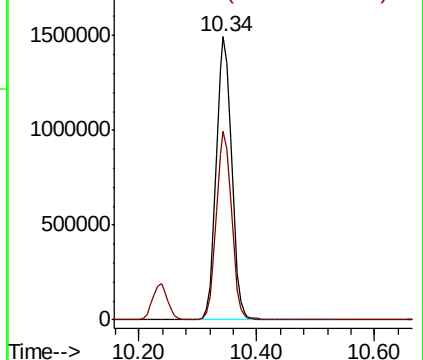
98 100

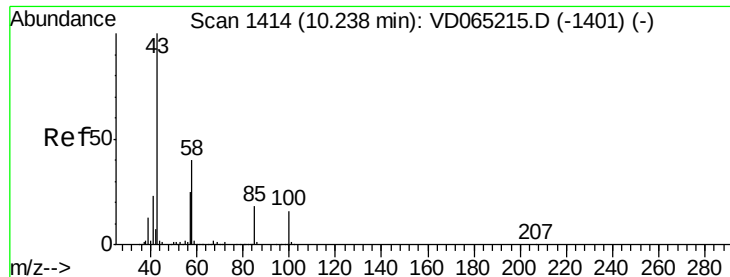
100 66.3 52.0 78.0



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: 750.841 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

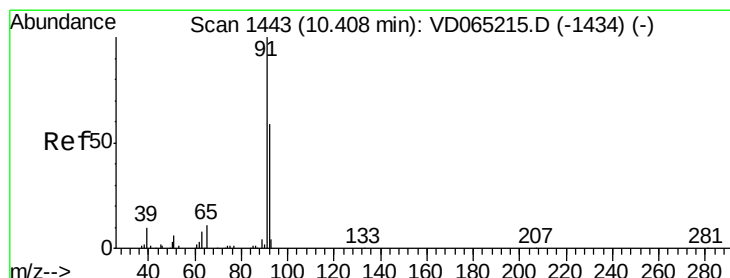
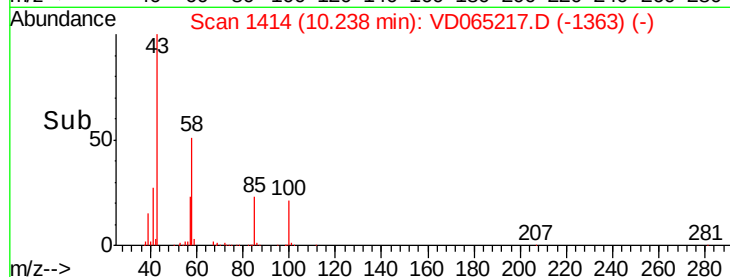
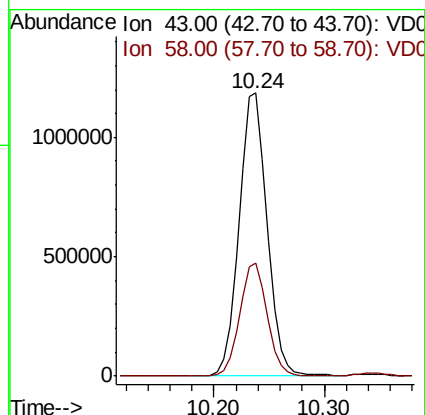
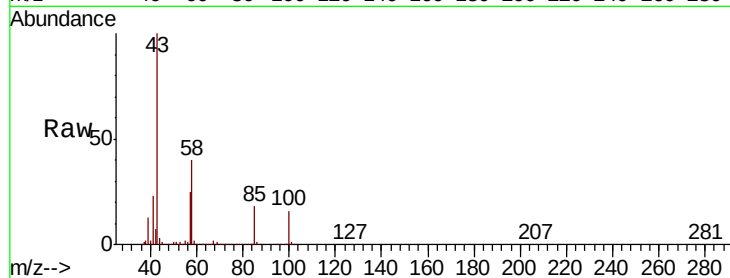
VSTDIC150

Tot Ion: 43 Resp: 2112278

Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7



#52

Toluene

Concen: 142.807 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065217.D

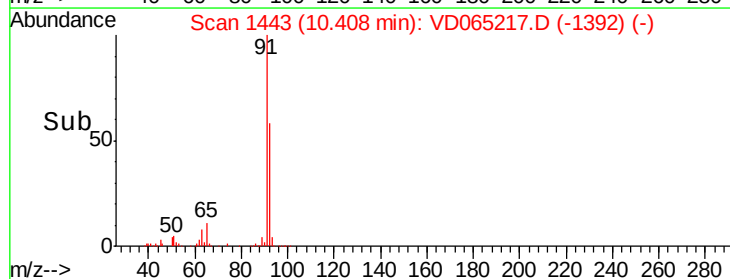
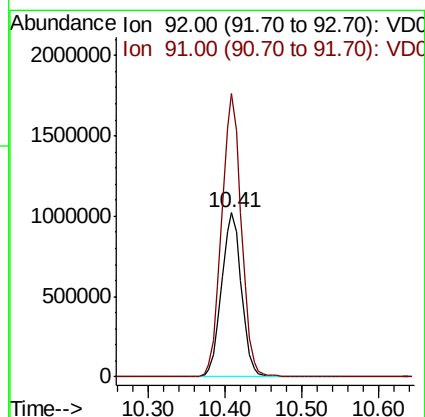
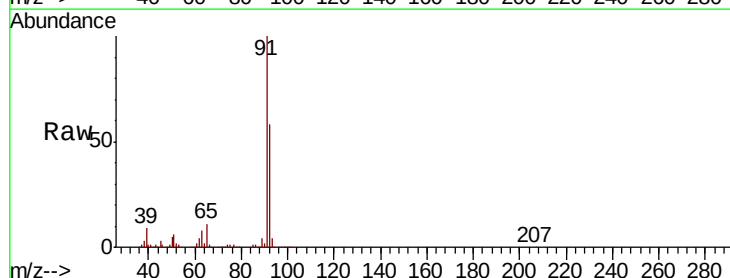
Acq: 18 Feb 2020 12:54

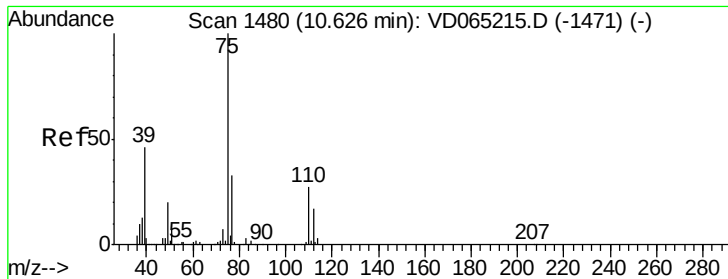
Tgt Ion: 92 Resp: 1817851

Ion Ratio Lower Upper

92 100

91 171.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 146.511 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

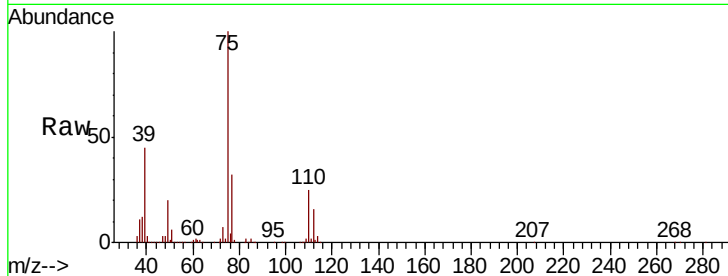
VSTDIC150

Tot Ion: 75 Resp: 941639

Ion Ratio Lower Upper

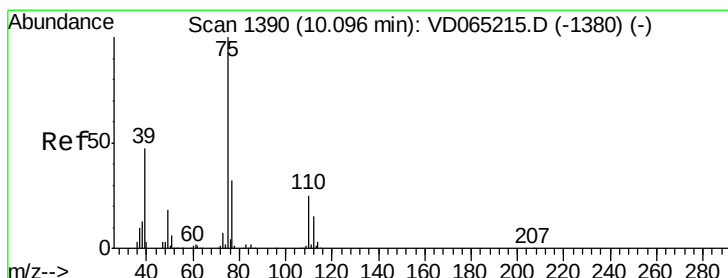
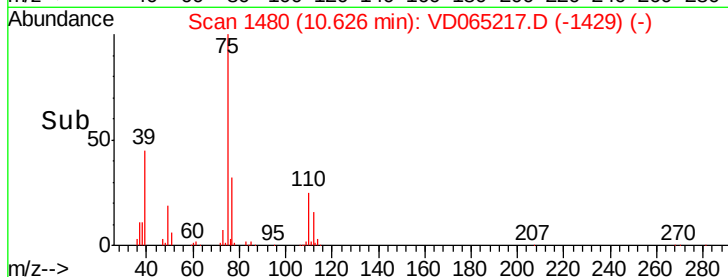
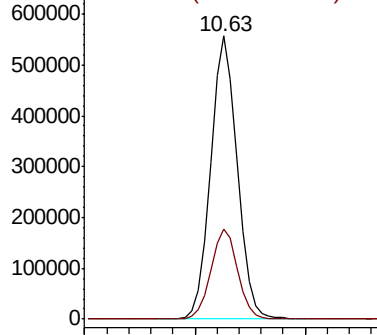
75 100

77 31.7 26.6 40.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 145.616 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

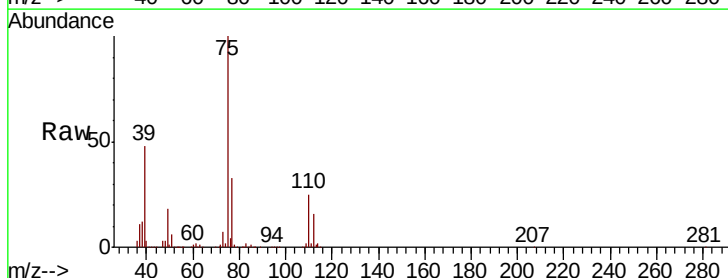
Tgt Ion: 75 Resp: 1130123

Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.8

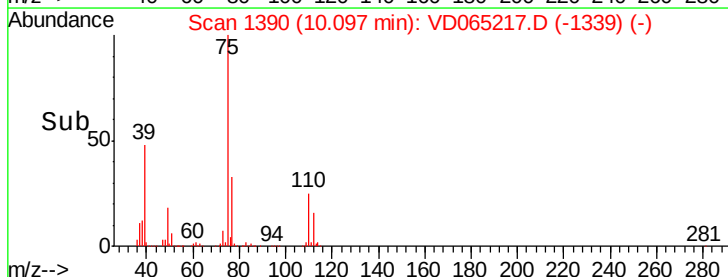
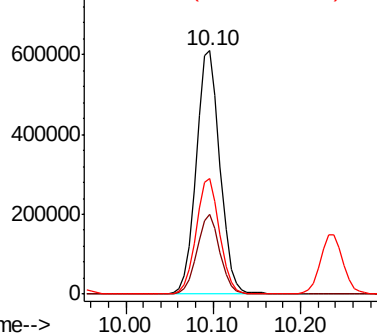
39 47.5 37.3 55.9

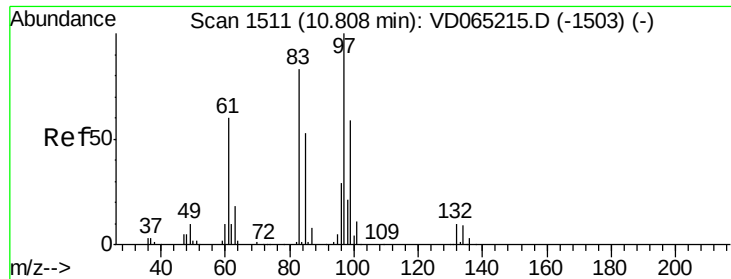


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 135.016 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 500003

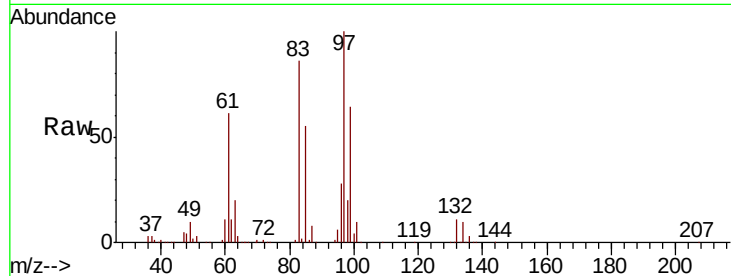
Ion Ratio Lower Upper

97 100

83 85.9 66.7 100.1

85 54.7 42.4 63.6

99 64.2 47.5 71.3



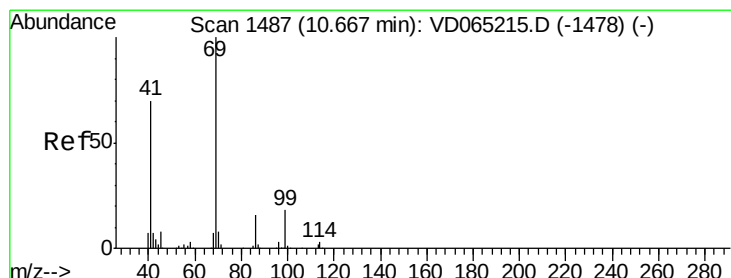
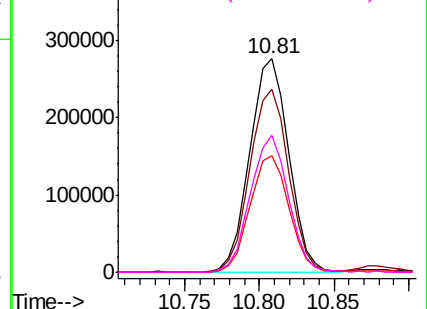
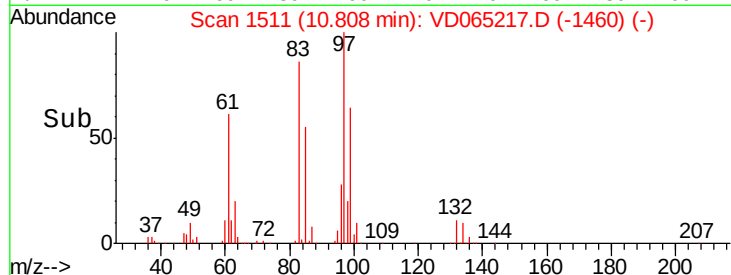
Abundance

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: 158.278 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

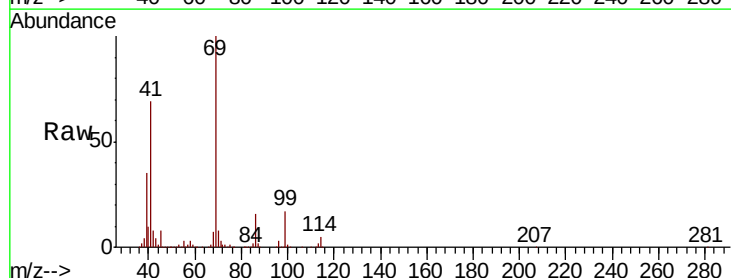
Tgt Ion: 69 Resp: 676544

Ion Ratio Lower Upper

69 100

41 68.8 54.6 81.8

39 33.7 26.5 39.7

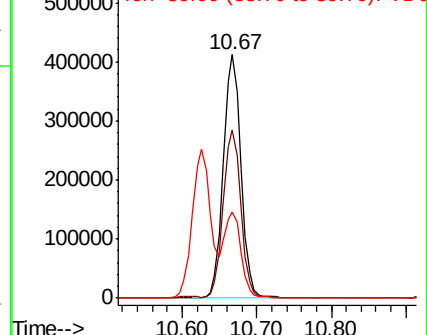
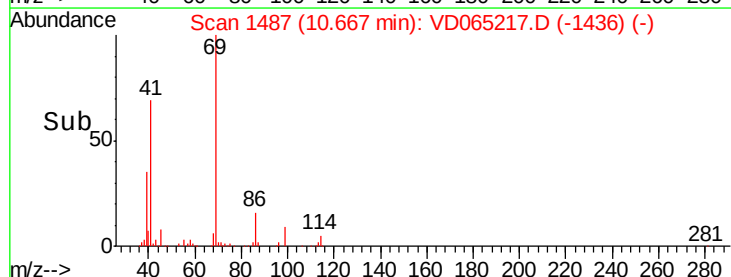


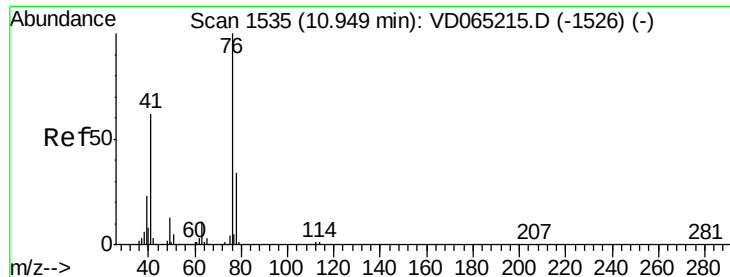
Abundance

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: 140.415 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

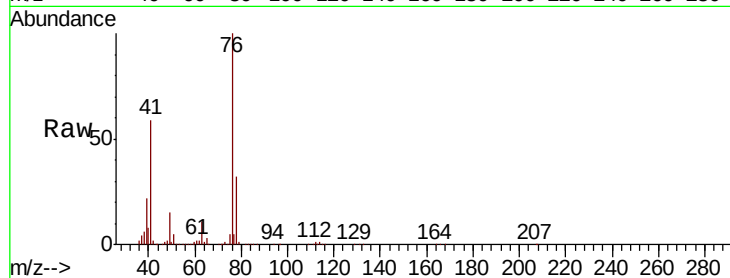
VSTDIC150

Tot Ion: 76 Resp: 885022

Ion Ratio Lower Upper

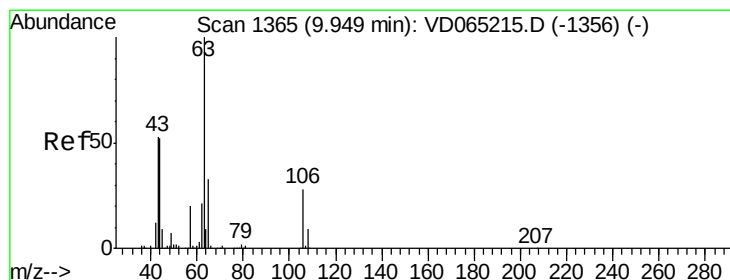
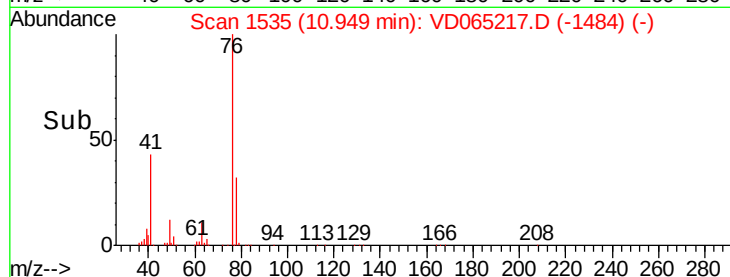
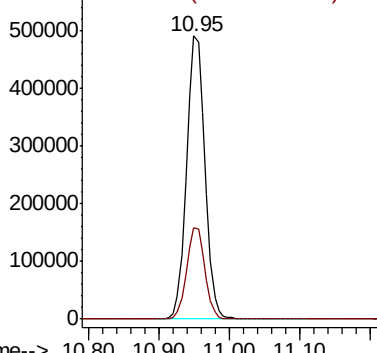
76 100

78 32.2 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 728.231 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065217.D

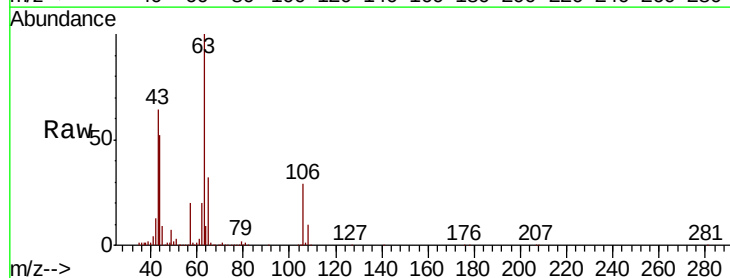
Acq: 18 Feb 2020 12:54

Tgt Ion: 63 Resp: 981364

Ion Ratio Lower Upper

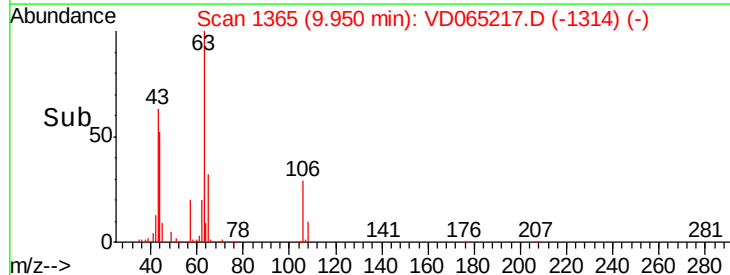
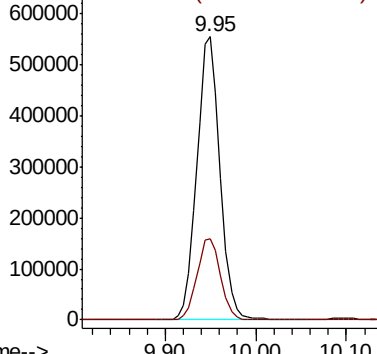
63 100

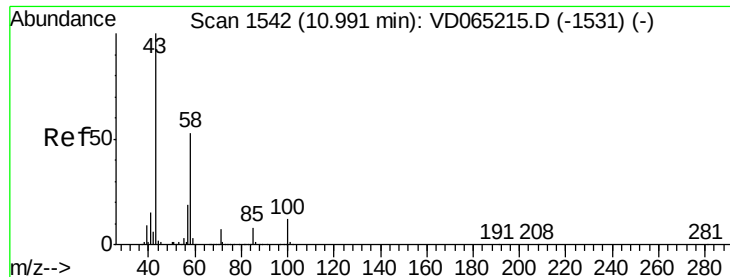
106 29.4 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

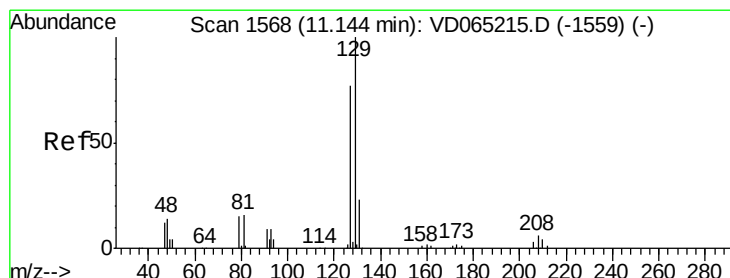
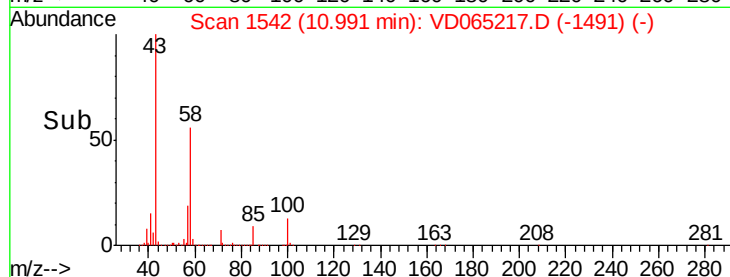
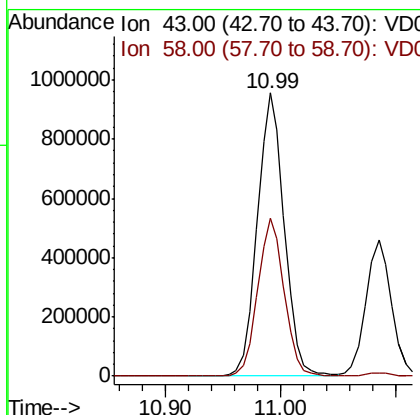
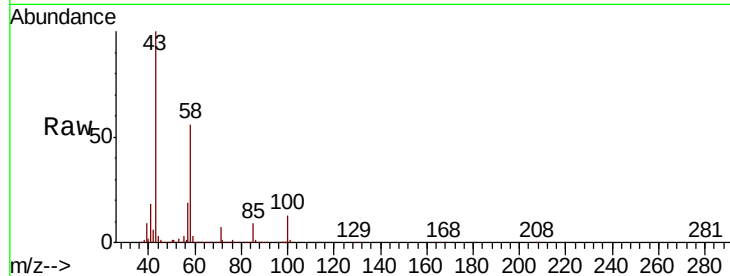




#59
2-Hexanone
Concen: 770.821 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

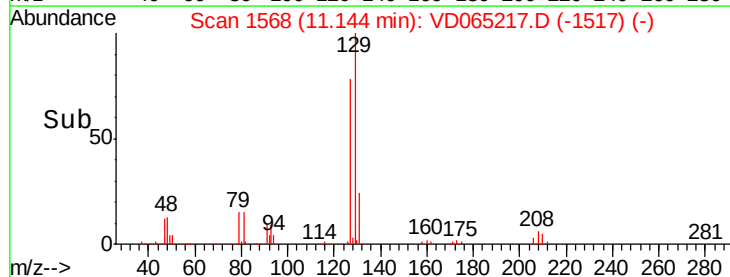
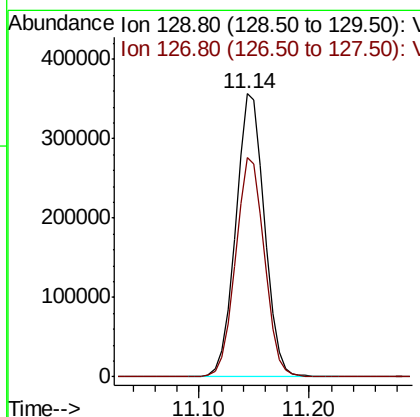
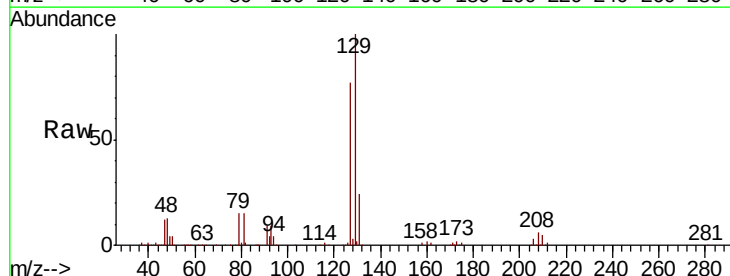
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

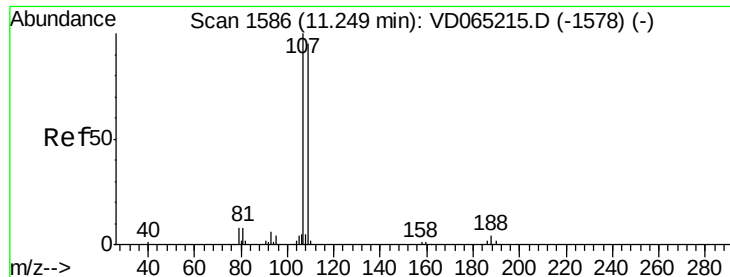
Tot Ion: 43 Resp: 1552290
Ion Ratio Lower Upper
43 100
58 54.9 26.3 78.8



#60
Dibromochloromethane
Concen: 137.822 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion: 129 Resp: 653264
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

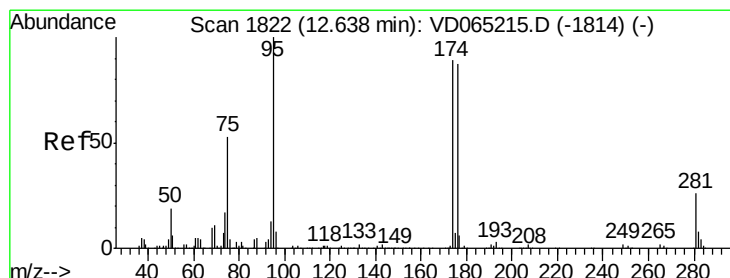
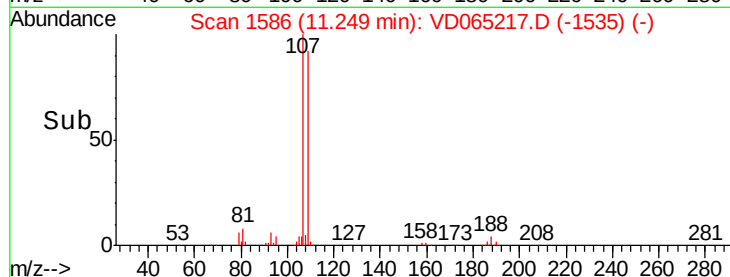
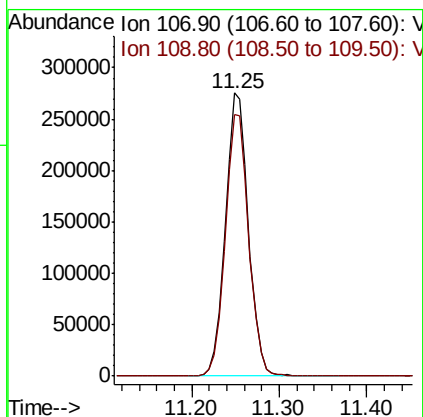
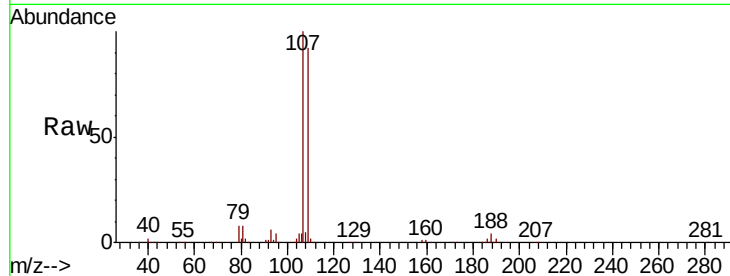




#61
 1,2-Dibromoethane
 Concen: 140.815 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

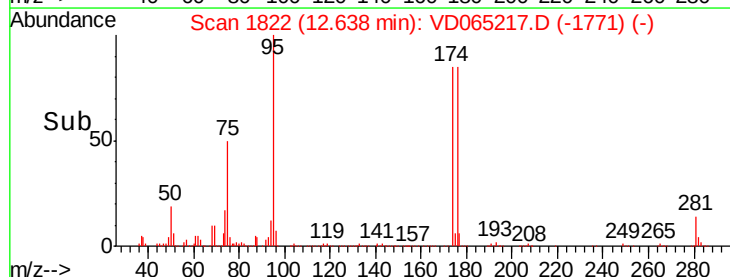
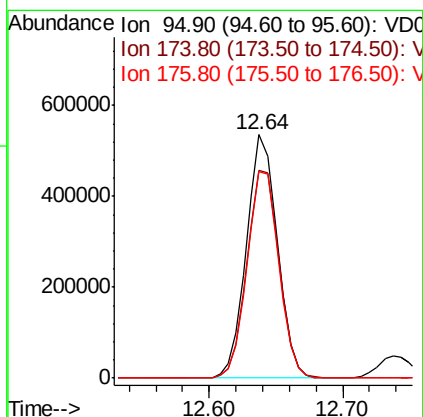
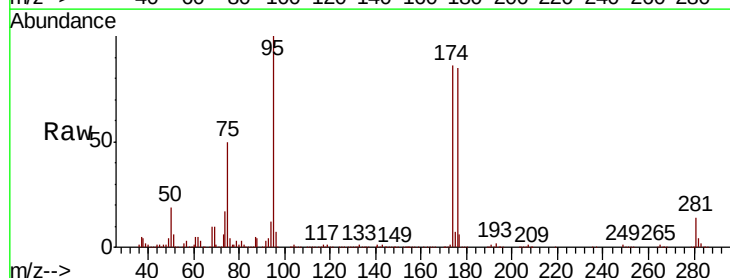
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

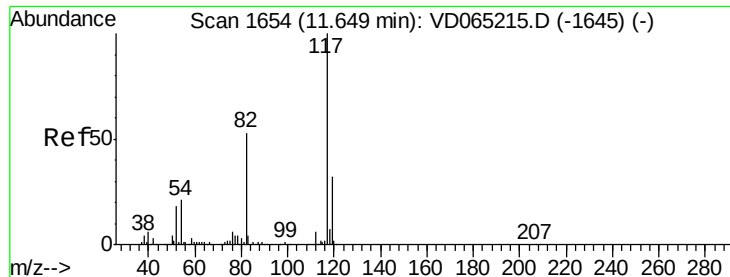
Tot Ion:107 Resp: 493742
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 154.496 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion: 95 Resp: 854277
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 178.0
 176 87.3 0.0 174.4

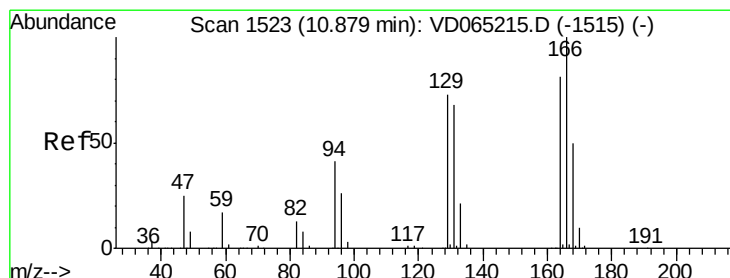
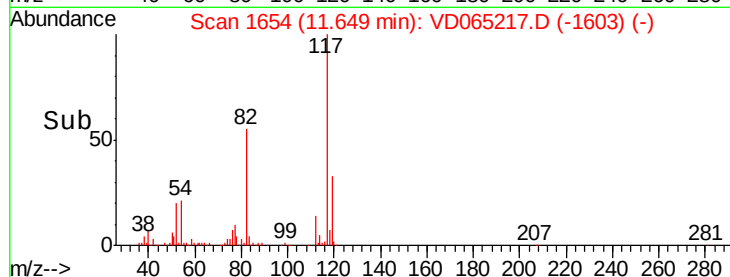
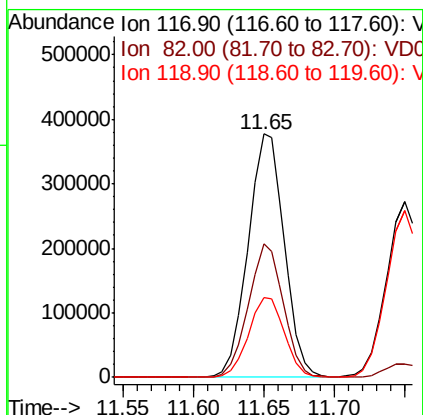
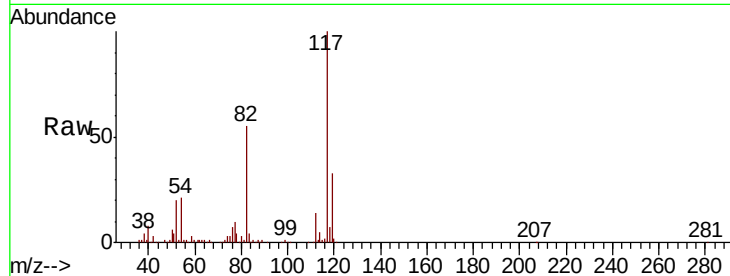




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

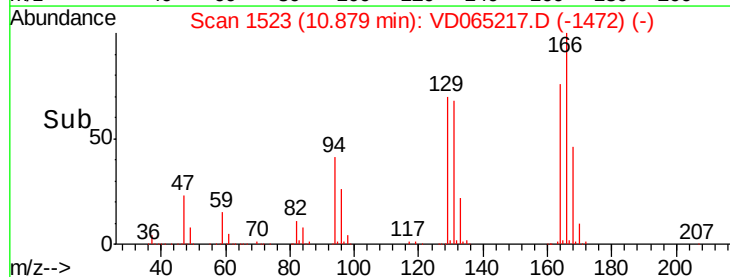
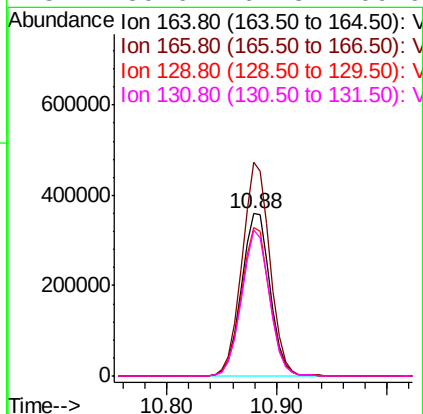
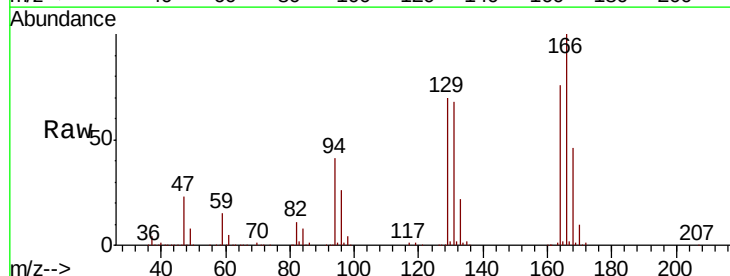
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

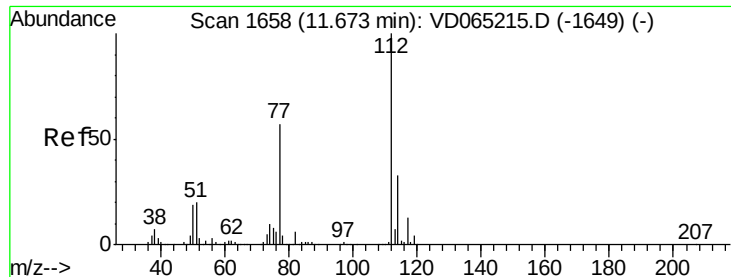
Tot Ion:117 Resp: 678492
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 136.611 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion:164 Resp: 657383
Ion Ratio Lower Upper
164 100
166 131.8 98.4 147.6
129 91.7 71.6 107.4
131 89.6 67.3 100.9

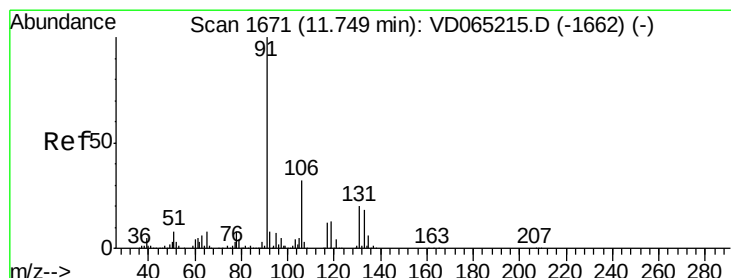
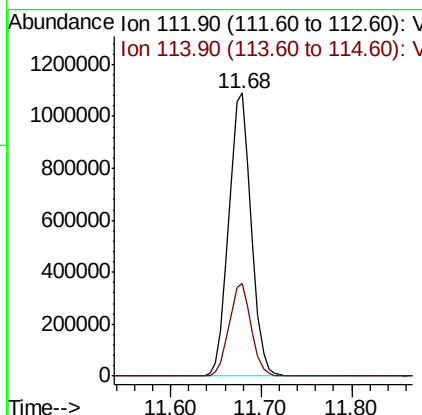
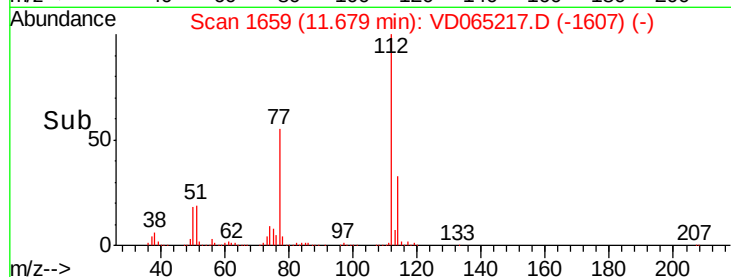
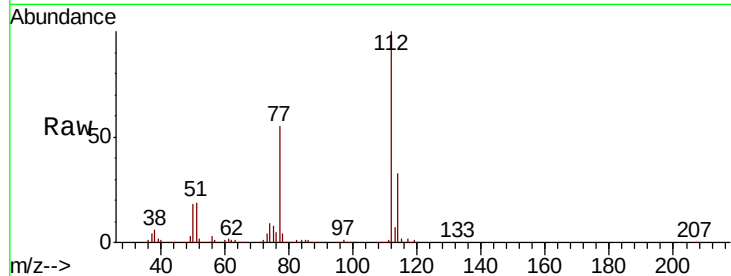




#65
Chlorobenzene
Concen: 138.149 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

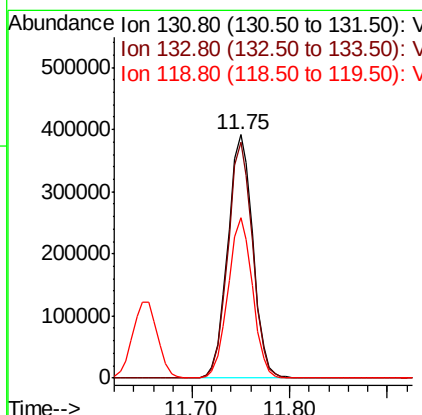
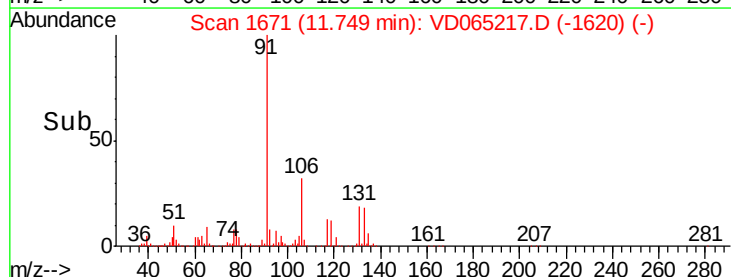
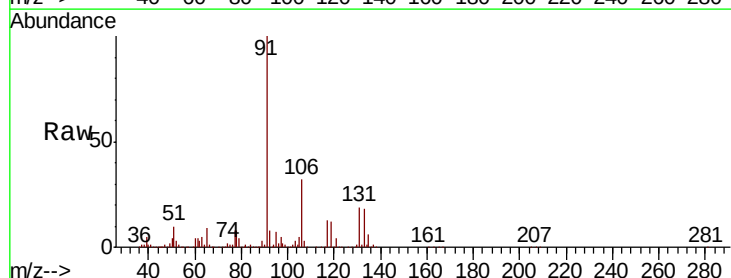
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

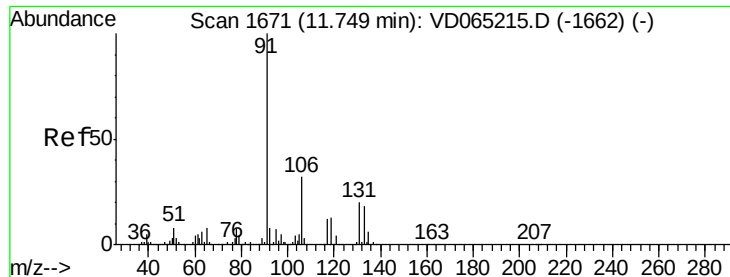
Tot Ion:112 Resp: 1880987
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 136.772 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion:131 Resp: 694935
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 64.6 32.7 98.1





#67

Ethyl Benzene

Concen: 143.167 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

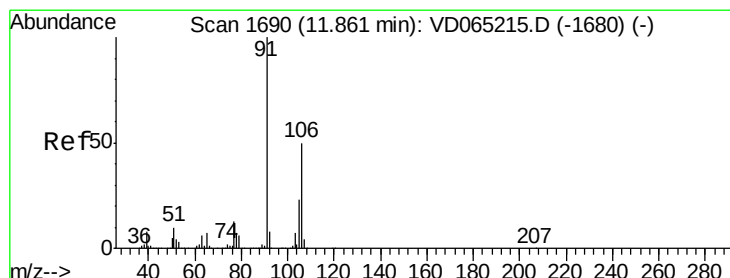
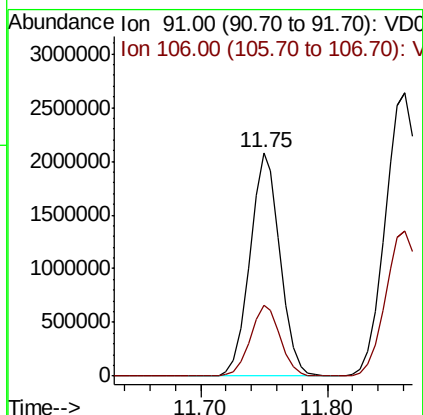
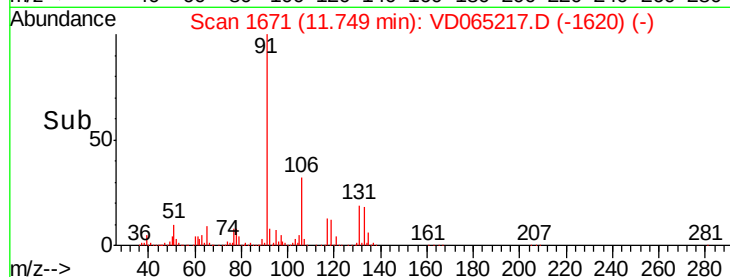
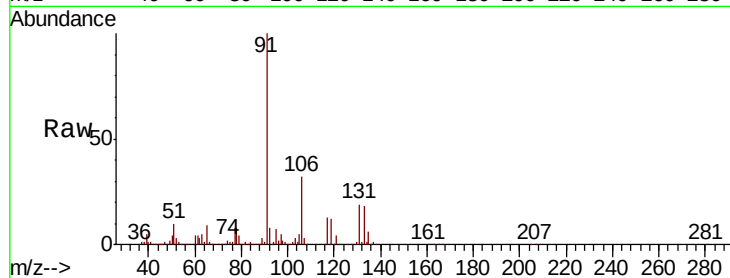
VSTDIC150

Tot Ion: 91 Resp: 3414012

Ion Ratio Lower Upper

91 100

106 31.7 25.2 37.8



#68

m/p-Xylenes

Concen: 286.084 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065217.D

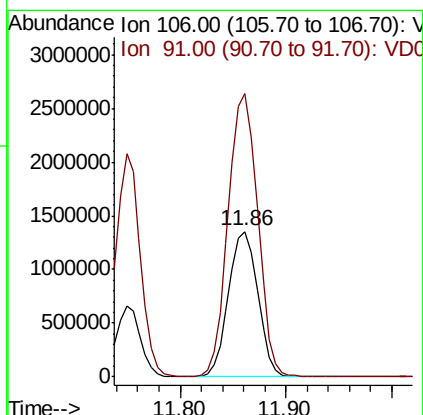
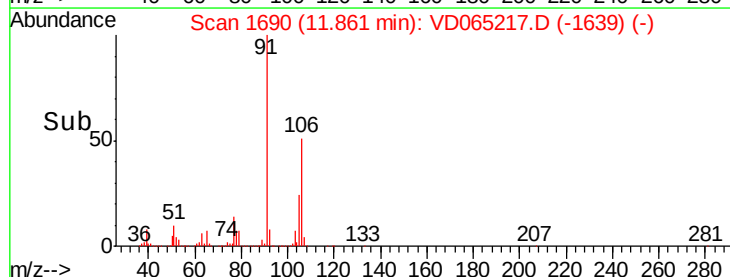
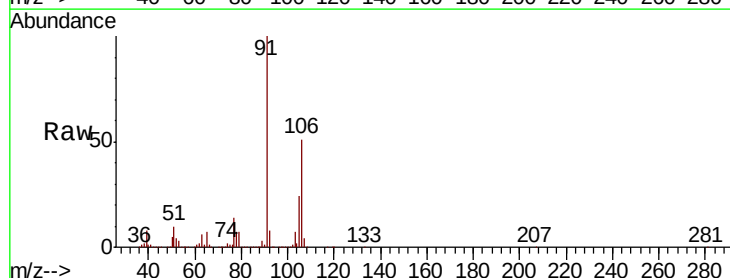
Acq: 18 Feb 2020 12:54

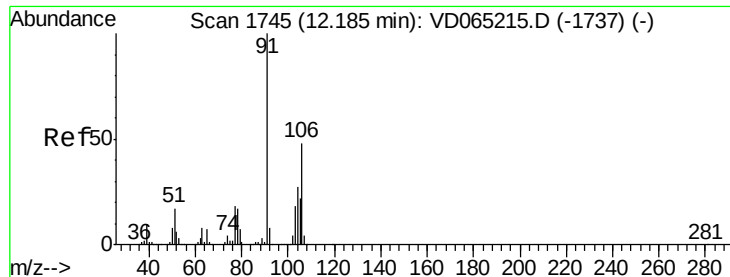
Tgt Ion: 106 Resp: 2610063

Ion Ratio Lower Upper

106 100

91 196.0 158.2 237.4

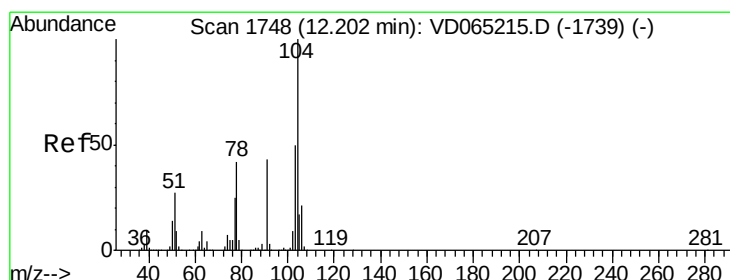
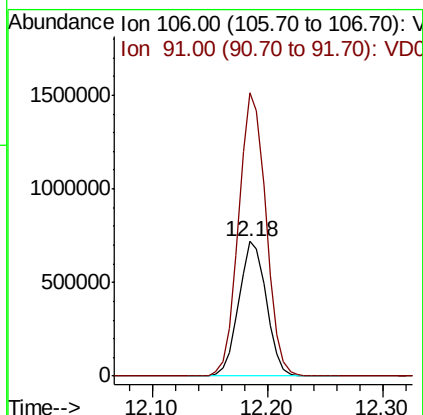
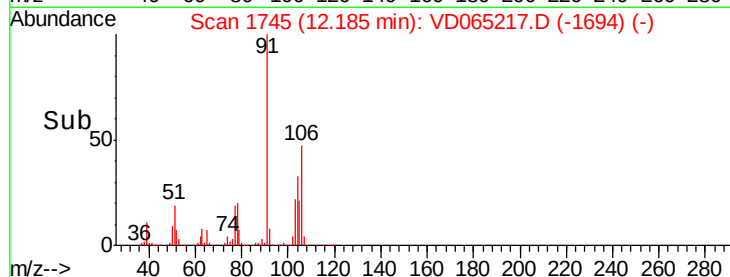
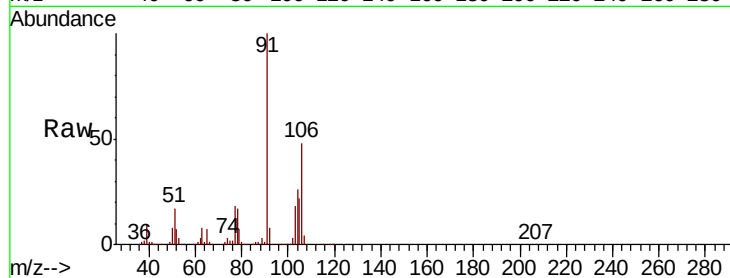




#69
o-Xylene
Concen: 147.560 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

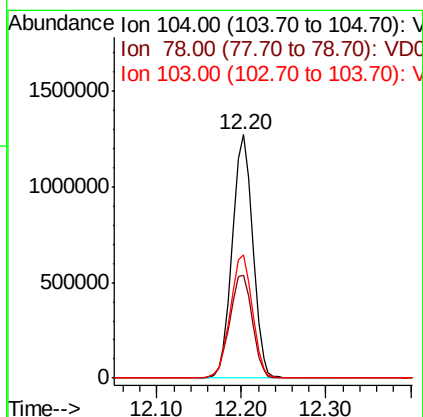
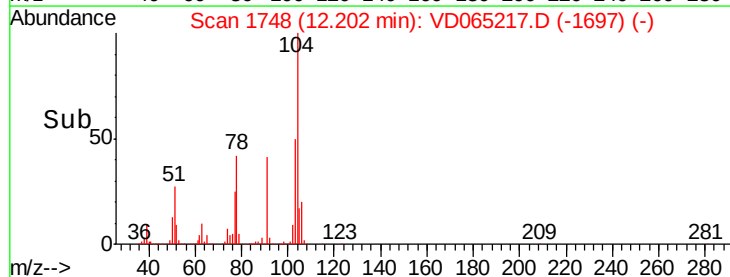
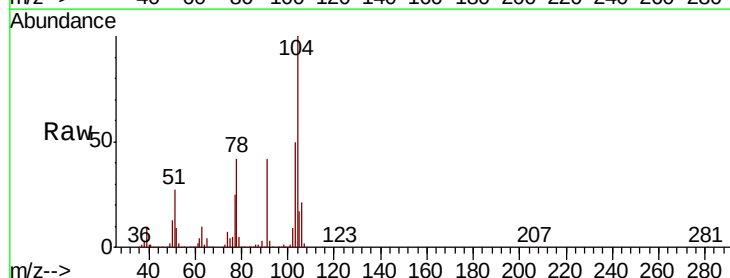
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

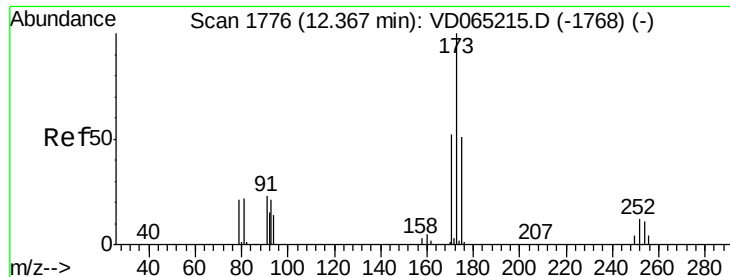
Tot Ion:106 Resp: 1192713
Ion Ratio Lower Upper
106 100
91 208.5 104.7 313.9



#70
Styrene
Concen: 146.840 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion:104 Resp: 2107280
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 54.6 43.4 65.2





#71

Bromoform

Concen: 140.166 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

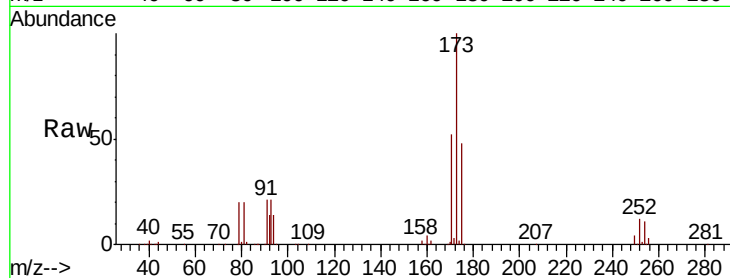
Tot Ion:173 Resp: 395191

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

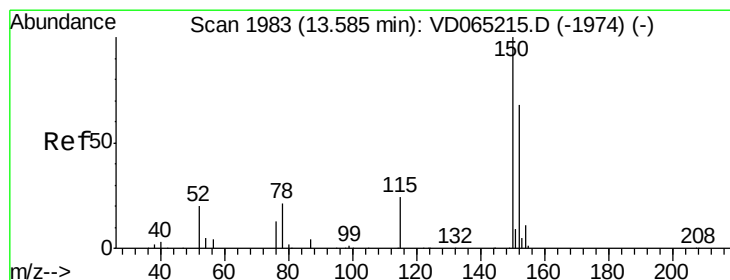
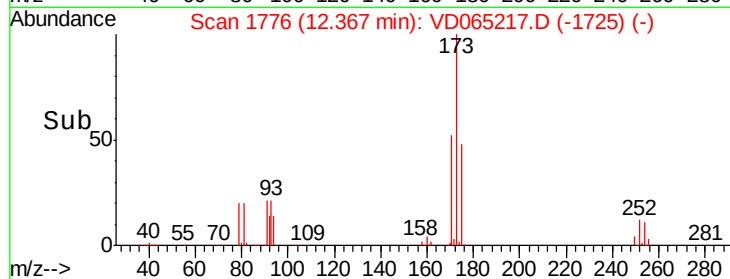
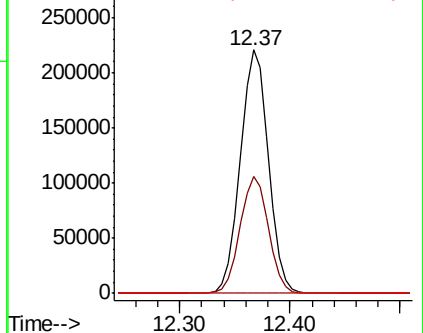
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

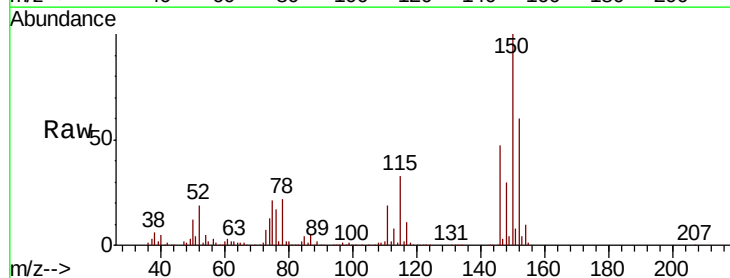
Tgt Ion:152 Resp: 327992

Ion Ratio Lower Upper

152 100

115 55.5 27.6 82.8

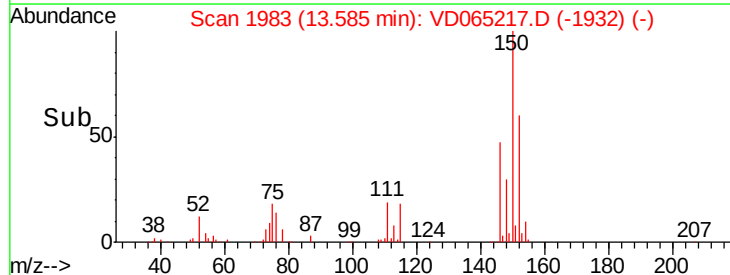
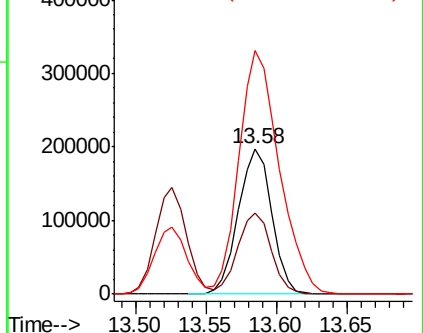
150 202.4 0.0 347.4

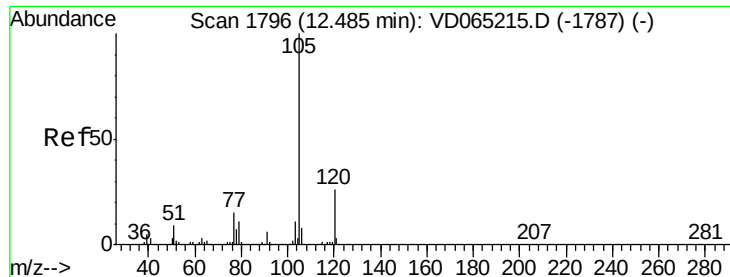


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 148.150 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

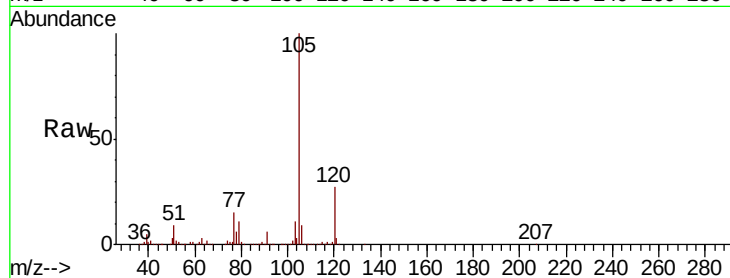
VSTDIC150

Tot Ion:105 Resp: 3217012

Ion Ratio Lower Upper

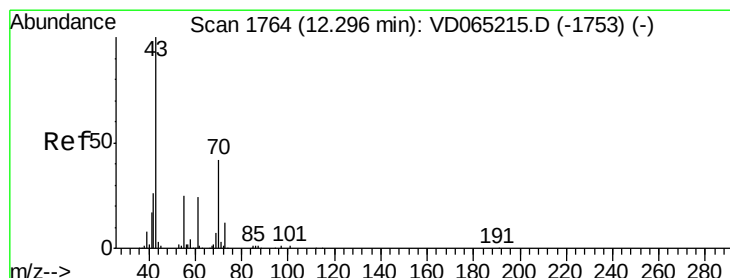
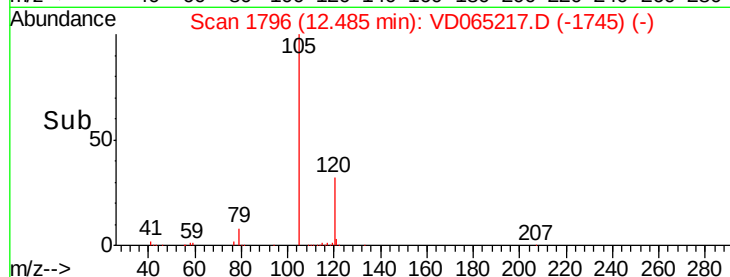
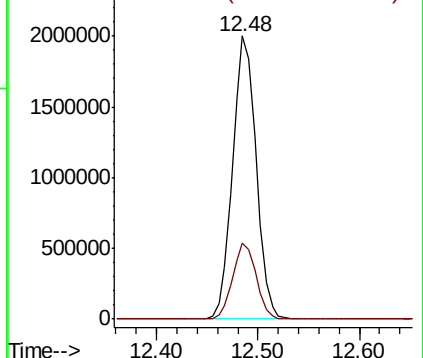
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 157.859 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion: 43 Resp: 761686

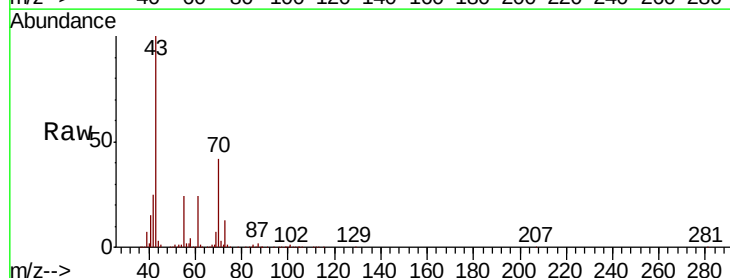
Ion Ratio Lower Upper

43 100

70 42.3 33.7 50.5

55 24.1 20.7 31.1

61 24.2 19.0 28.4

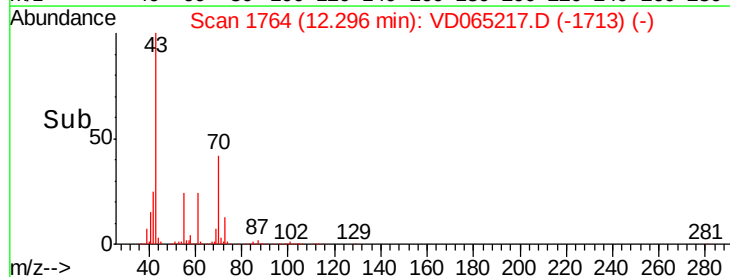
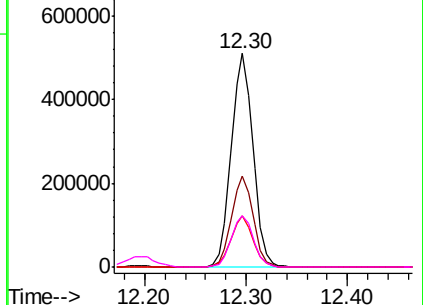


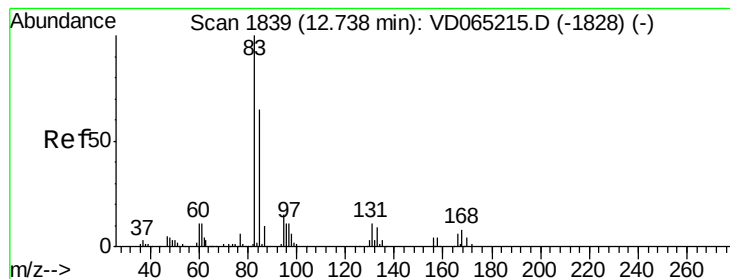
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 137.285 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

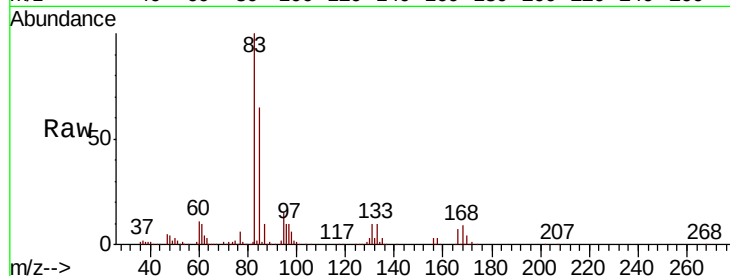
Tot Ion: 83 Resp: 538022

Ion Ratio Lower Upper

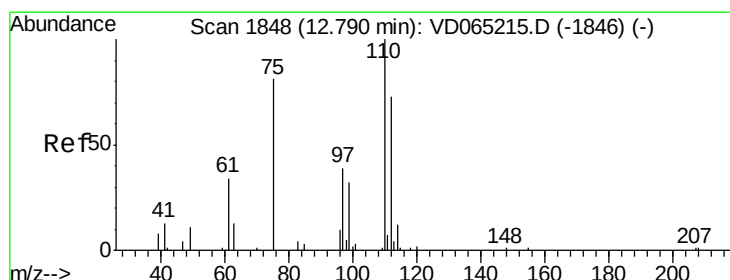
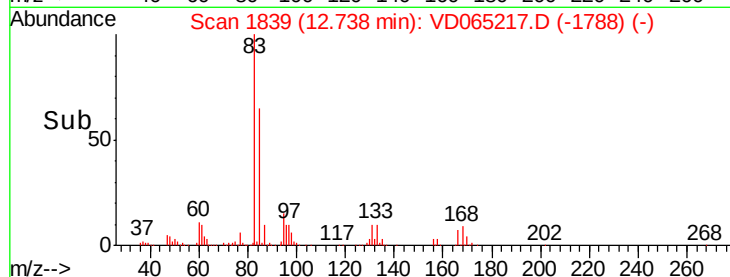
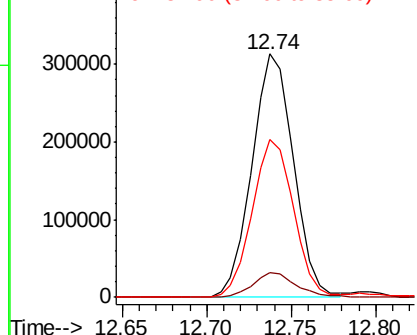
83 100

131 10.9 5.4 16.2

85 64.6 31.6 94.8



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: 154.333 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065217.D

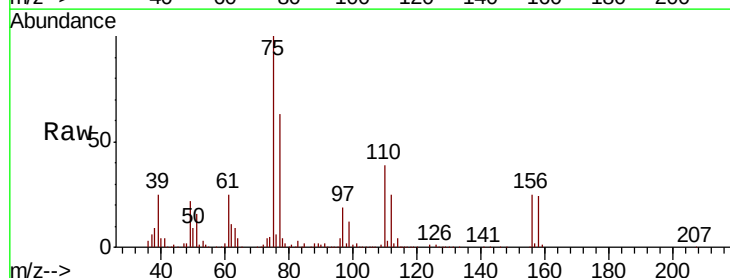
Acq: 18 Feb 2020 12:54

Tgt Ion: 75 Resp: 725425

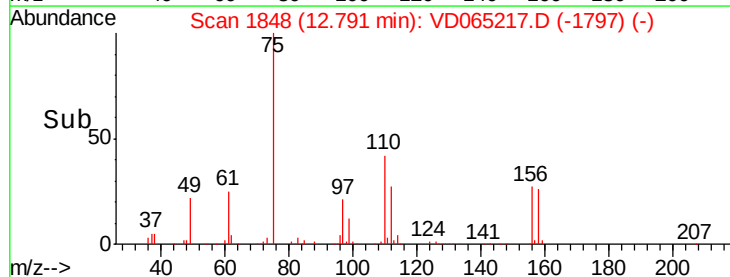
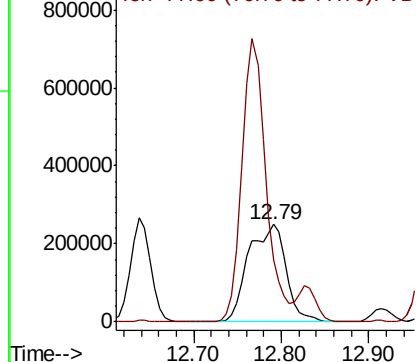
Ion Ratio Lower Upper

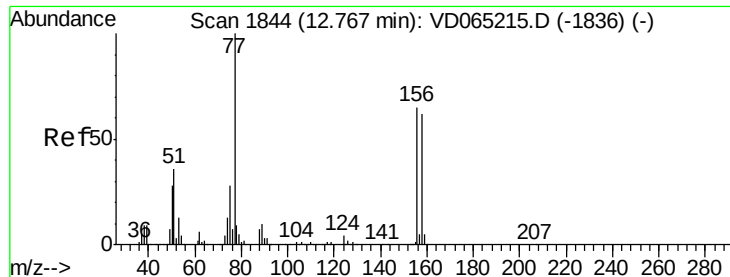
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 142.837 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

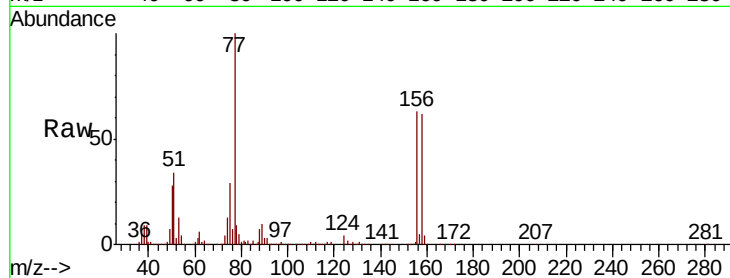
Tot Ion:156 Resp: 770196

Ion Ratio Lower Upper

156 100

77 172.9 86.6 259.7

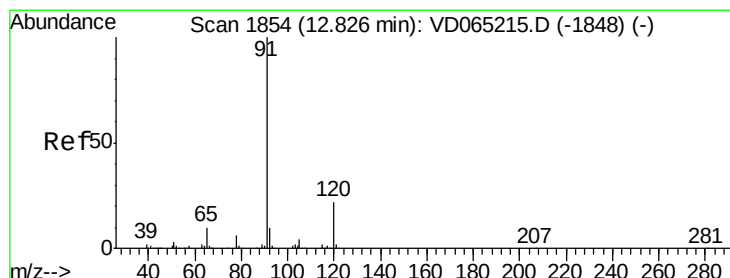
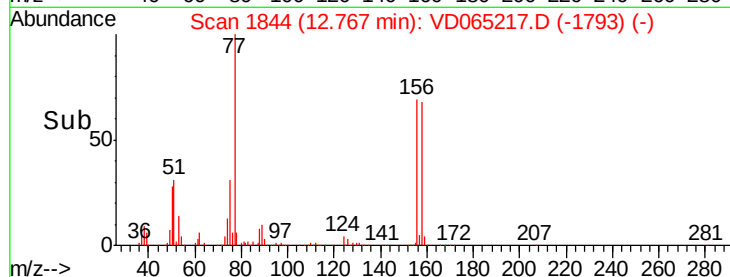
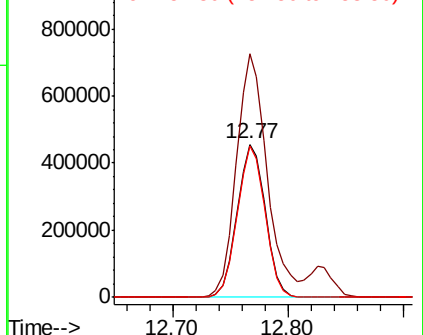
158 97.1 48.1 144.3



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: 144.976 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065217.D

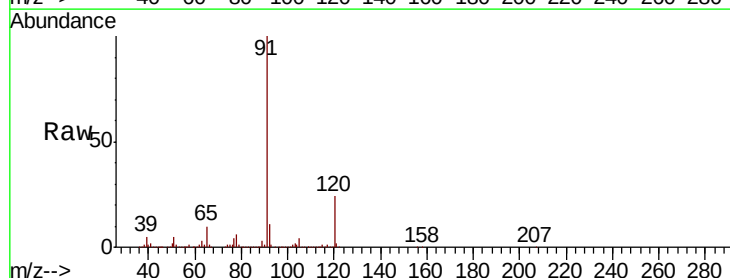
Acq: 18 Feb 2020 12:54

Tgt Ion: 91 Resp: 3783136

Ion Ratio Lower Upper

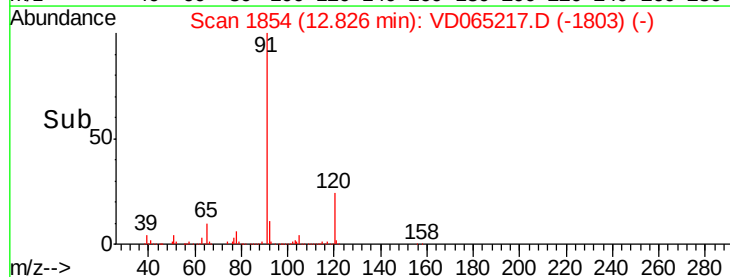
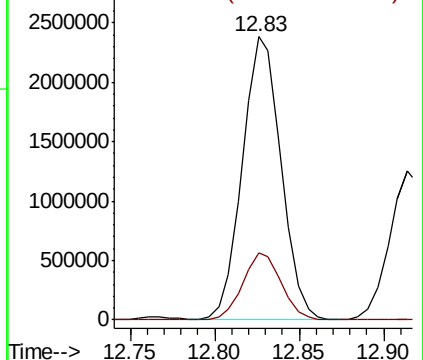
91 100

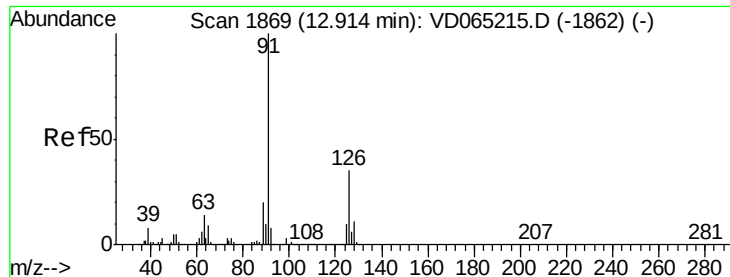
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 142.410 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

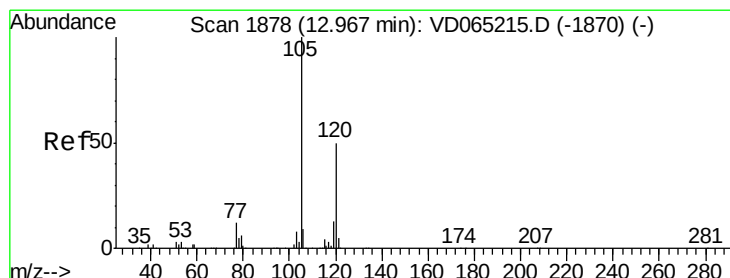
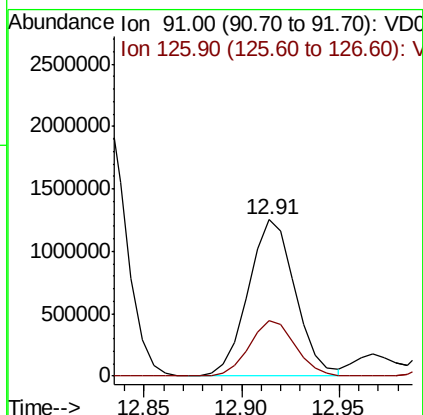
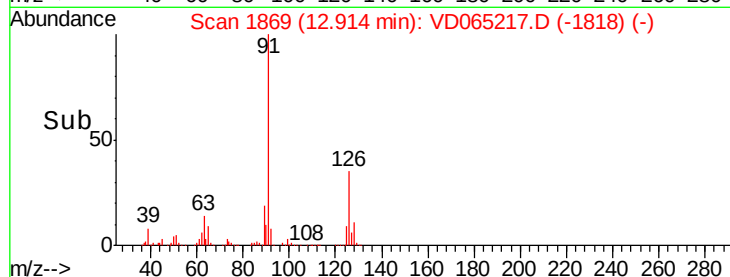
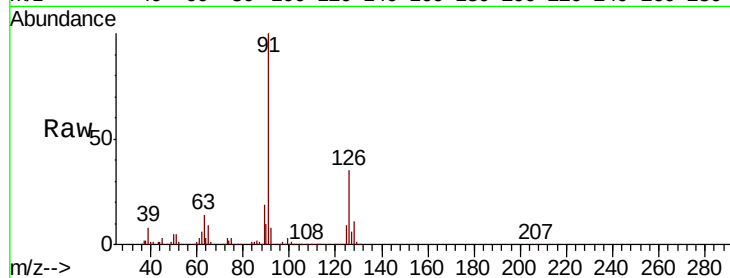
VSTDIC150

Tot Ion: 91 Resp: 2081821

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 146.420 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065217.D

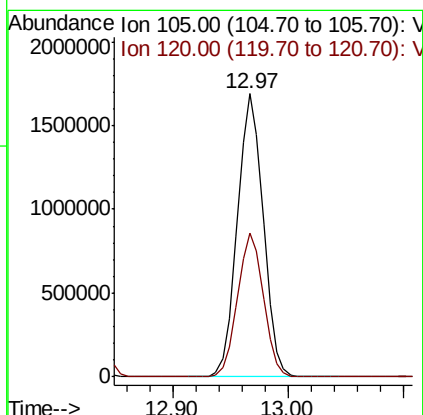
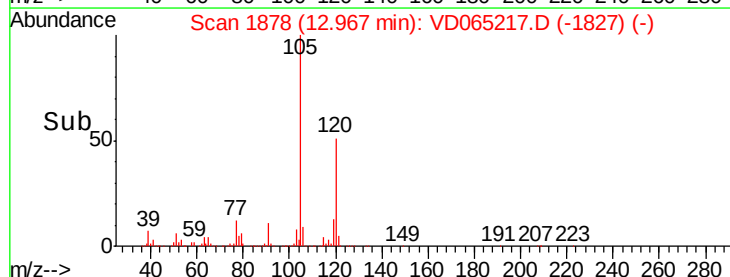
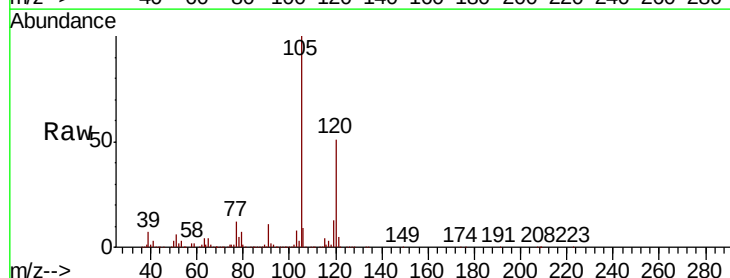
Acq: 18 Feb 2020 12:54

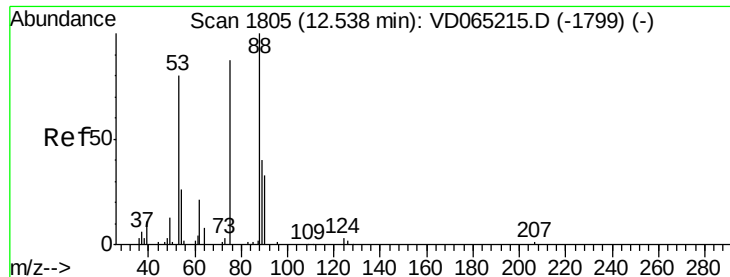
Tgt Ion:105 Resp: 2618694

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 151.705 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

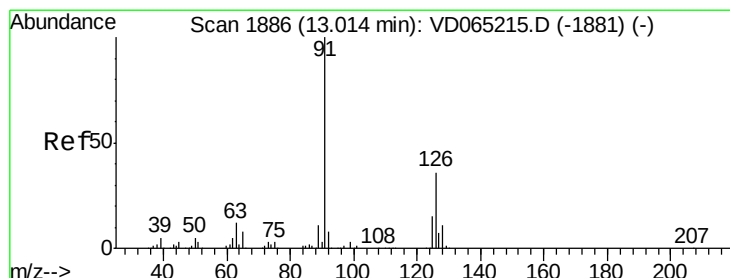
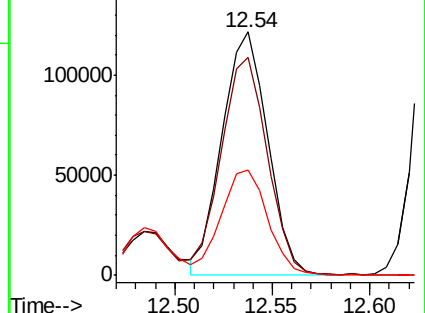
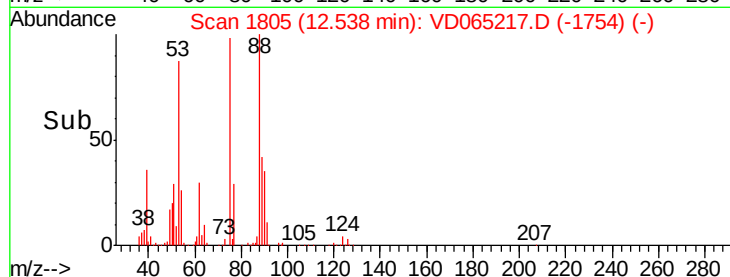
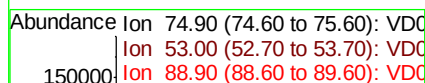
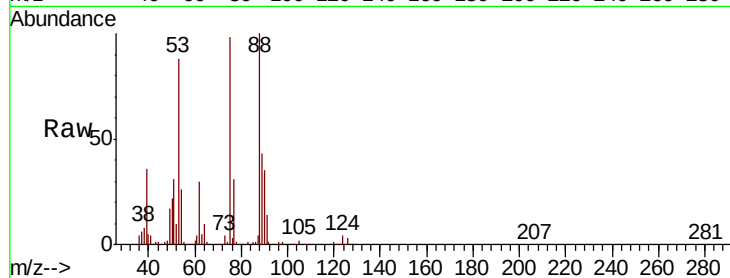
MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 196073

Ion	Ratio	Lower	Upper
75	100		
53	92.8	77.6	116.4
89	44.7	37.2	55.8



#82

4-Chlorotoluene

Concen: 140.095 ug/l

RT: 13.01 min Scan# 1886

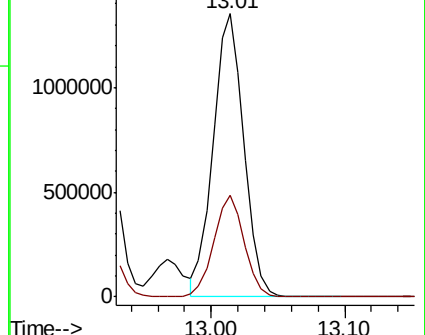
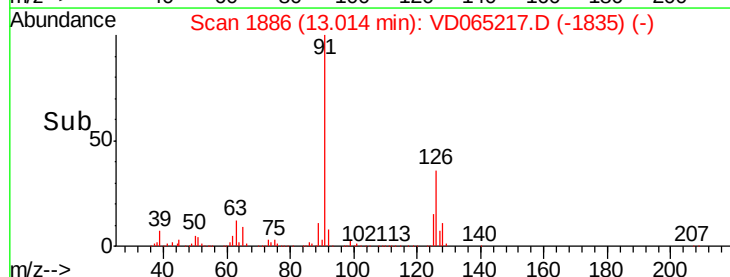
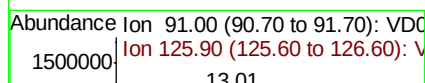
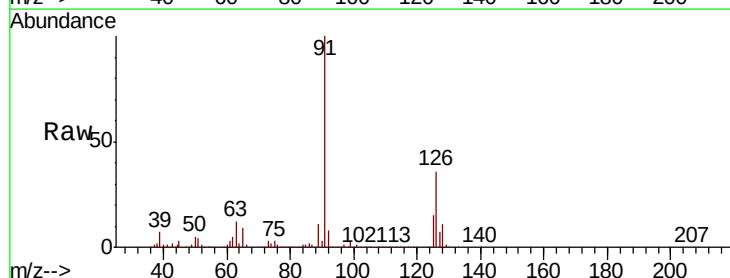
Delta R.T. 0.00 min

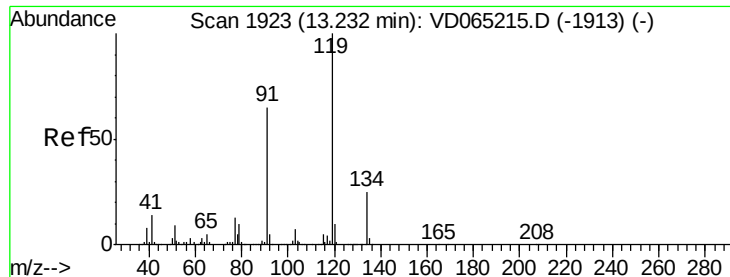
Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Tgt Ion: 91 Resp: 2174224

Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.4	52.3





#83

tert-Butylbenzene

Concen: 148.848 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

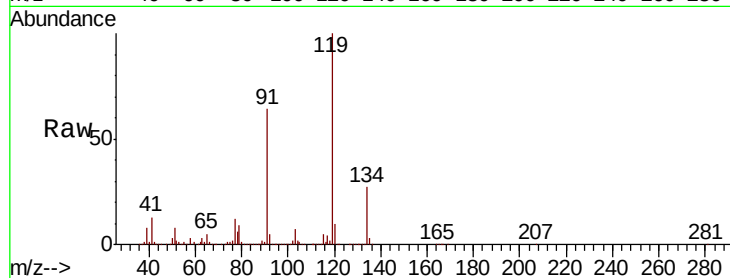
Tot Ion:119 Resp: 2231178

Ion Ratio Lower Upper

119 100

91 63.7 31.9 95.5

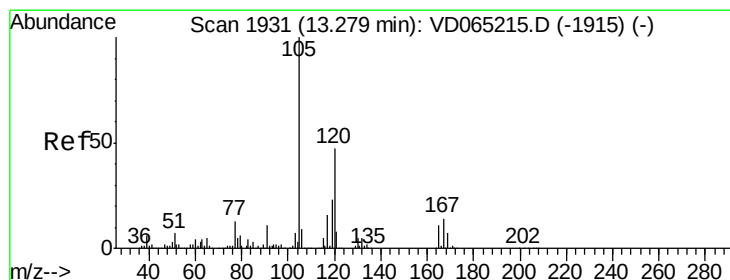
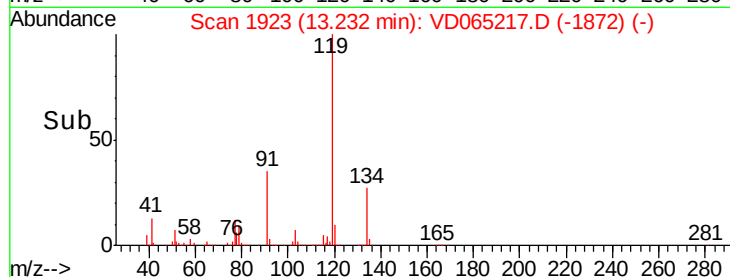
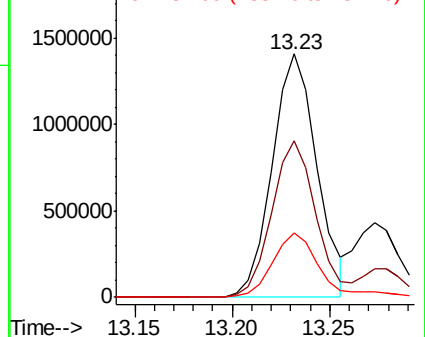
134 28.0 13.8 41.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 145.827 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065217.D

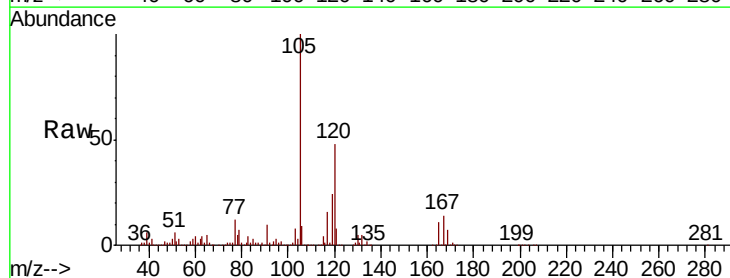
Acq: 18 Feb 2020 12:54

Tgt Ion:105 Resp: 2610487

Ion Ratio Lower Upper

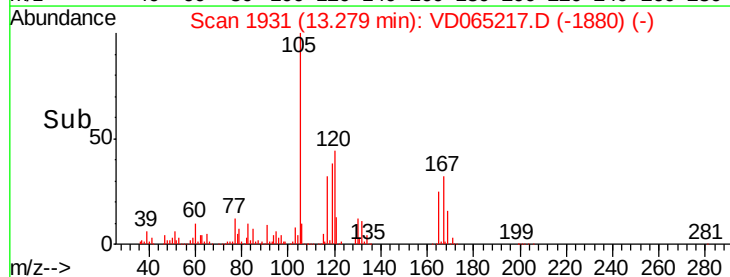
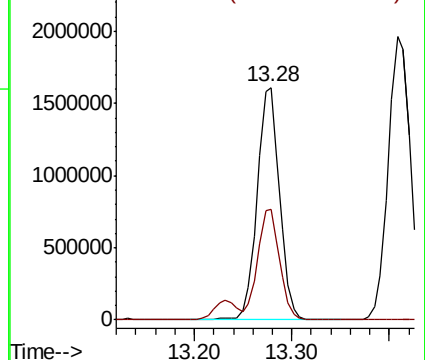
105 100

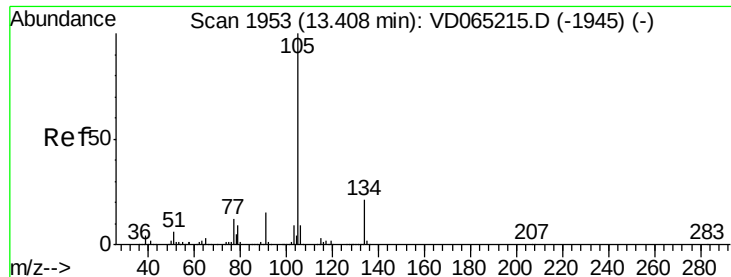
120 46.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 144.617 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

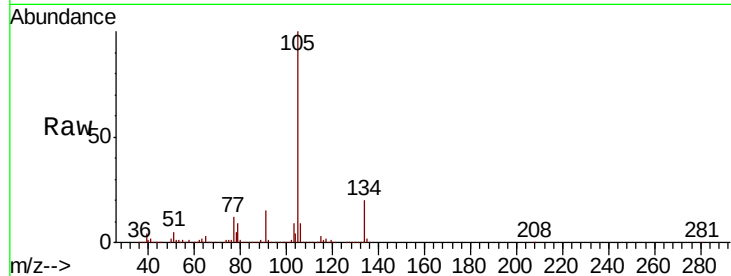
VSTDIC150

Tot Ion:105 Resp: 3123633

Ion Ratio Lower Upper

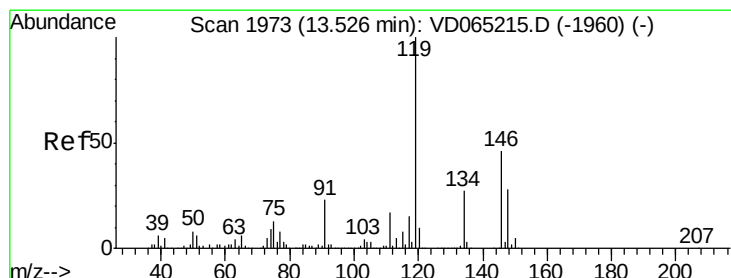
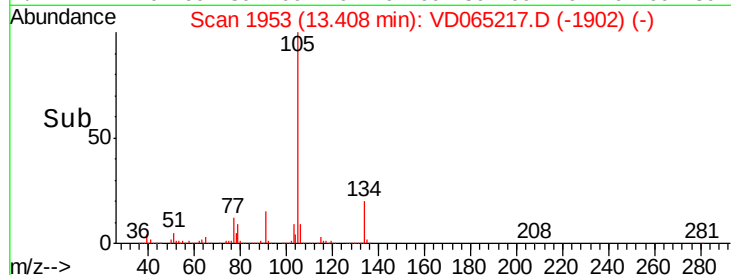
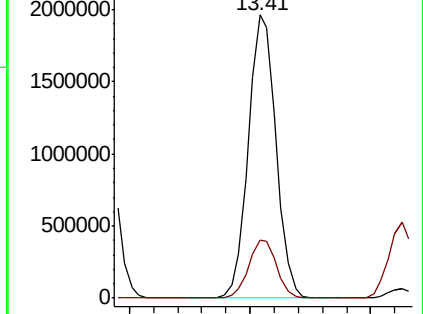
105 100

134 20.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 147.758 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

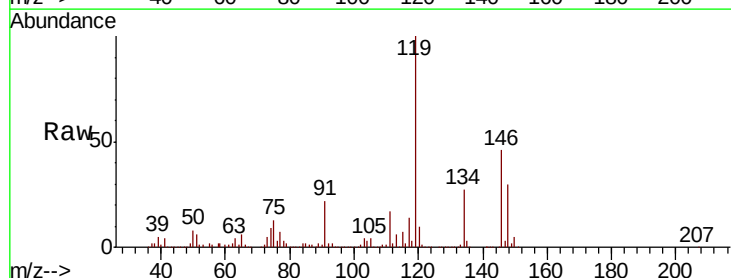
Tgt Ion:119 Resp: 2918597

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

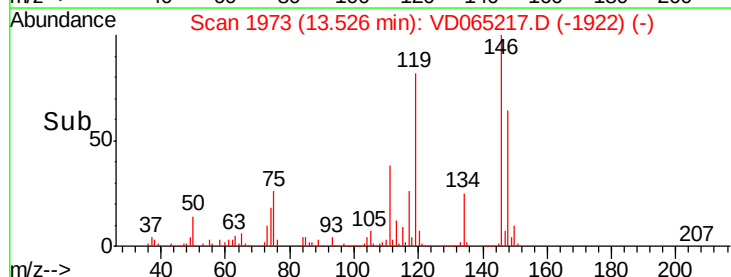
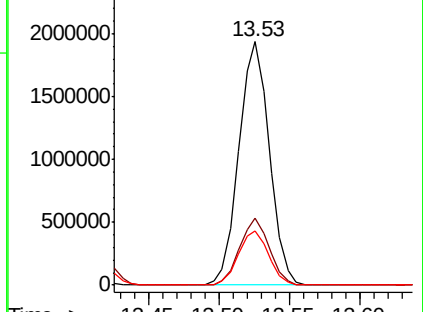
91 22.2 11.1 33.1

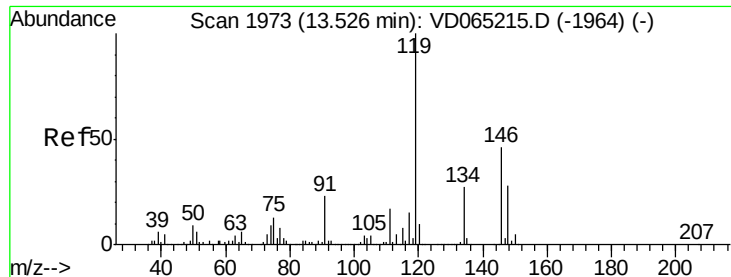


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

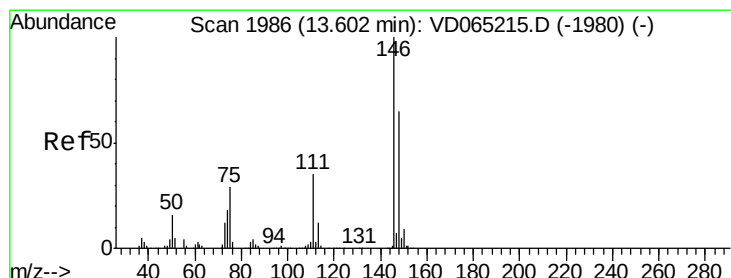
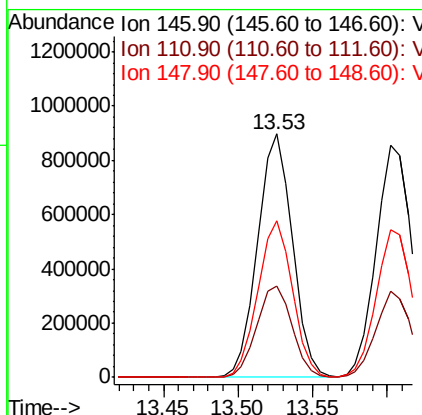
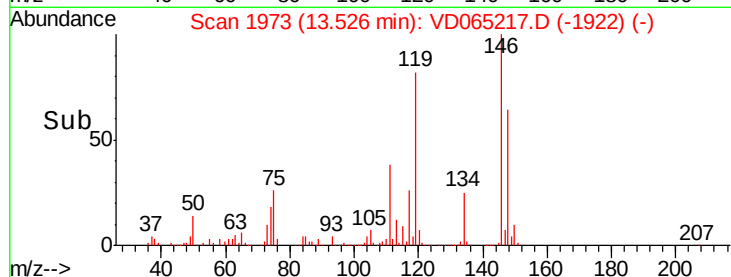
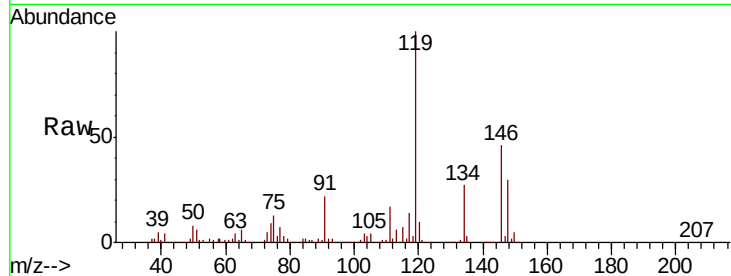




#87
 1,3-Dichlorobenzene
 Concen: 138.894 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

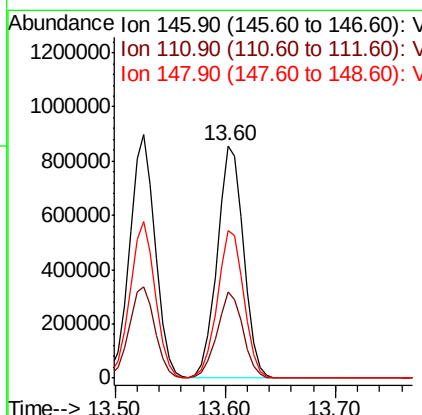
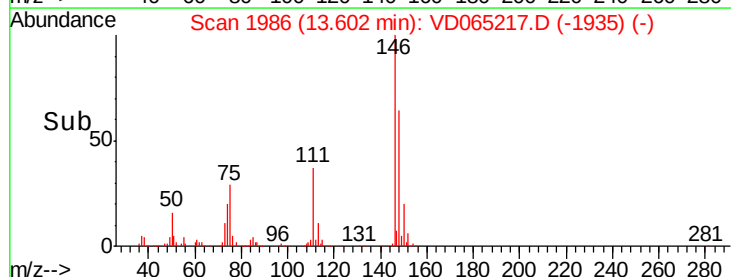
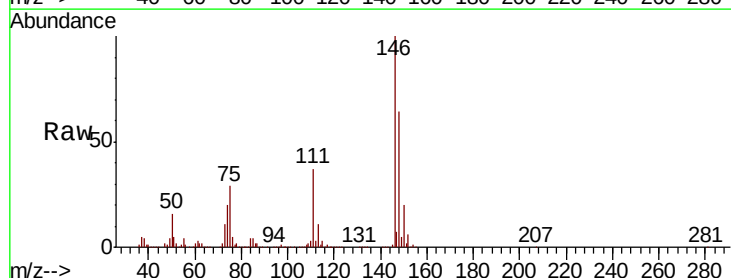
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

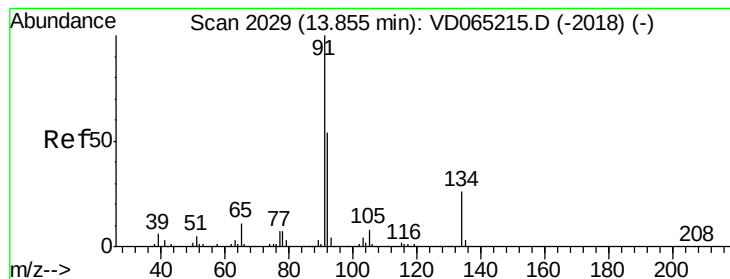
Tot Ion:146 Resp: 1447849
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.8
 148 64.0 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 137.694 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion:146 Resp: 1416613
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.2
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 147.840 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

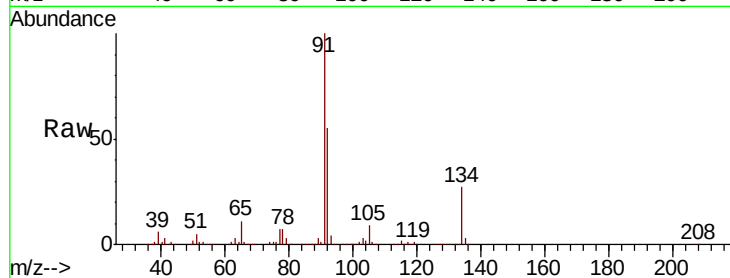
Tot Ion: 91 Resp: 2690926

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.0	80.8
134	26.9	13.5	40.4

91 100

92 54.6 27.0 80.8

134 26.9 13.5 40.4

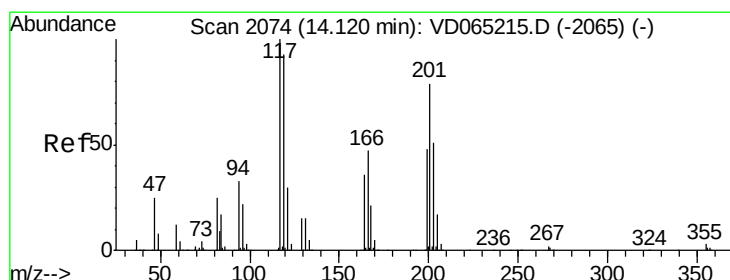
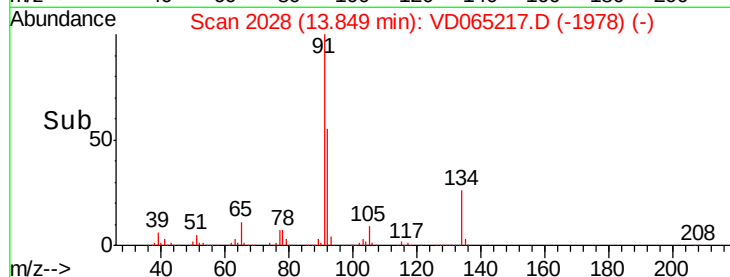
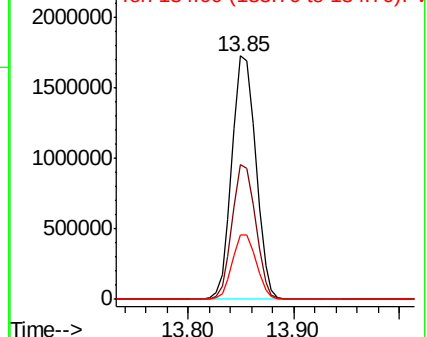


Abundance

Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 138.246 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD065217.D

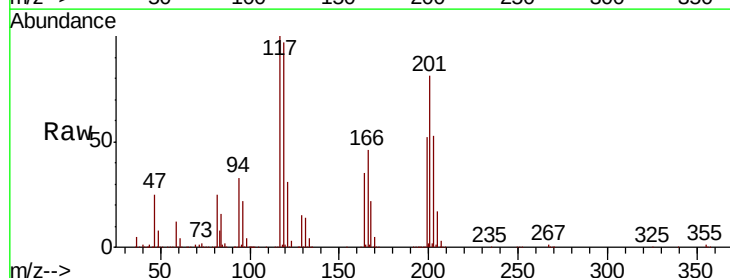
Acq: 18 Feb 2020 12:54

Tgt Ion: 117 Resp: 554460

Ion	Ratio	Lower	Upper
117	100		
201	82.3	41.3	124.1

117 100

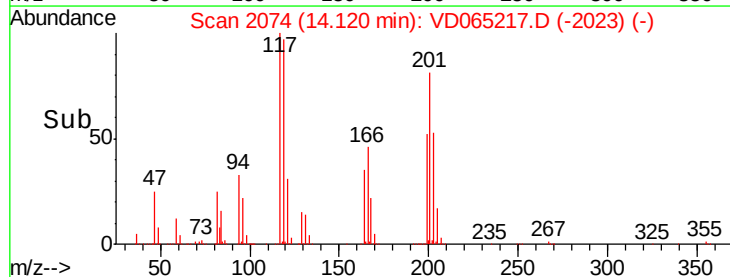
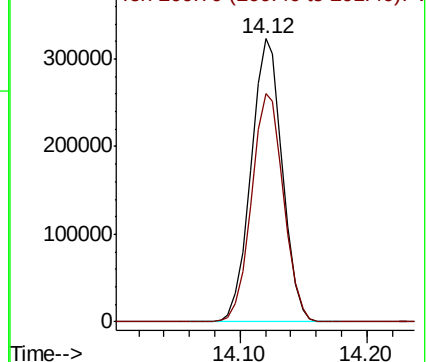
201 82.3 41.3 124.1

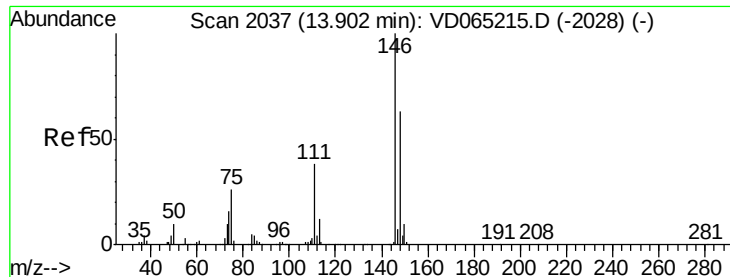


Abundance

Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC





#91

1,2-Dichlorobenzene

Concen: 138.375 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

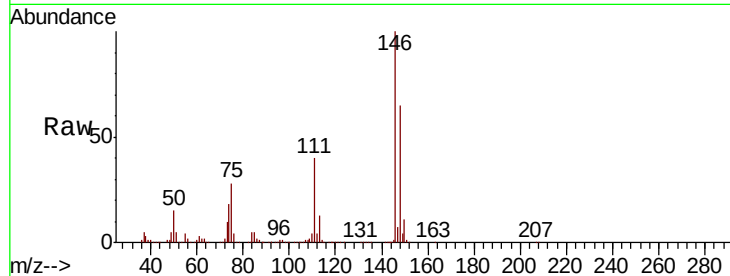
Tot Ion:146 Resp: 1238531

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

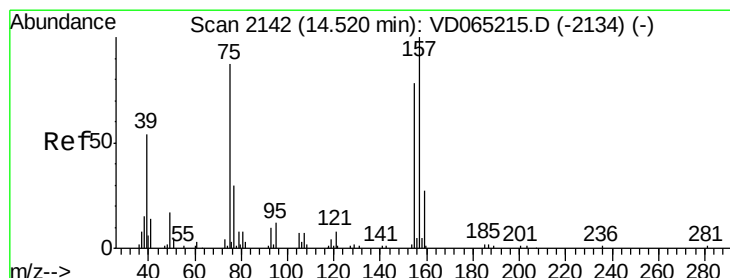
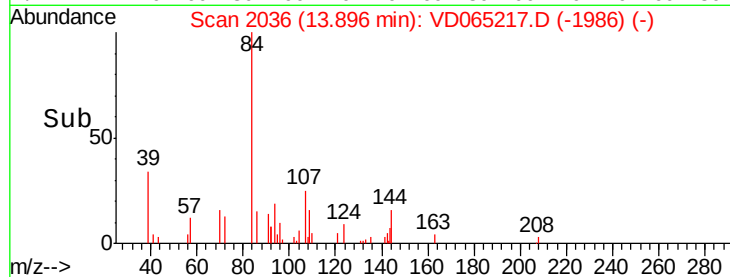
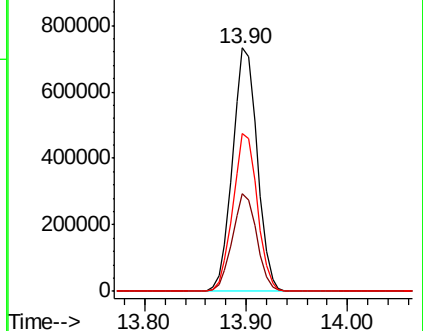
148 64.1 32.0 96.2



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: 142.709 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD065217.D

Acq: 18 Feb 2020 12:54

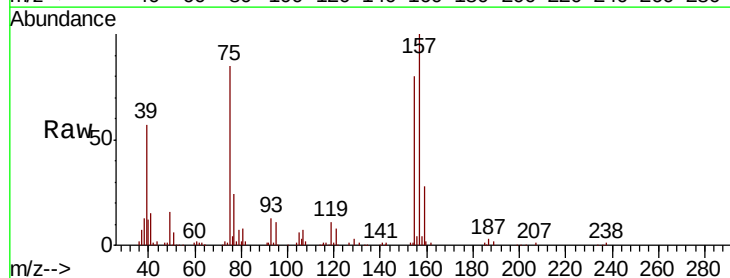
Tgt Ion: 75 Resp: 86187

Ion Ratio Lower Upper

75 100

155 92.6 42.3 126.9

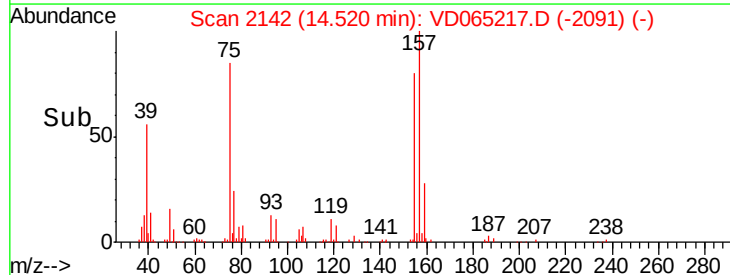
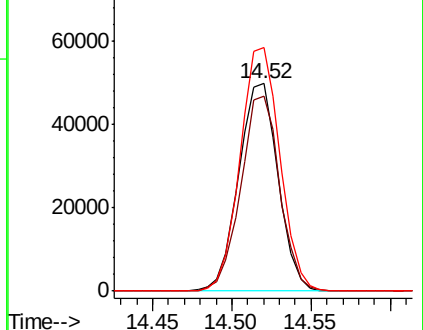
157 118.2 56.7 170.1

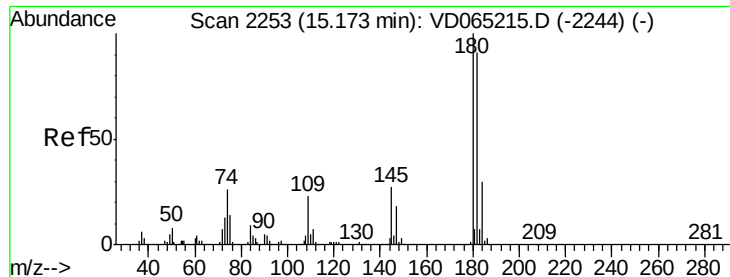


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

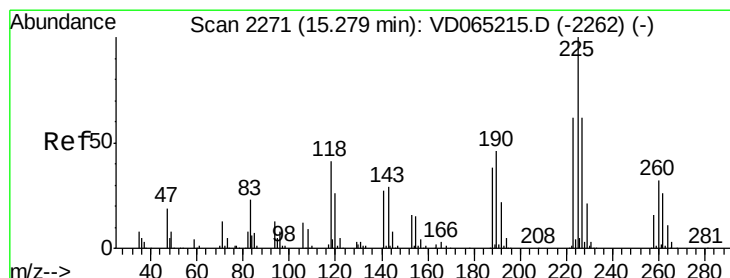
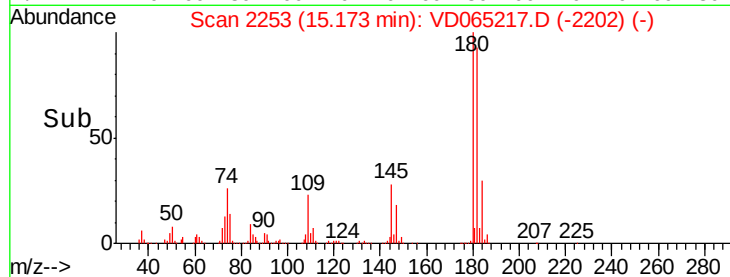
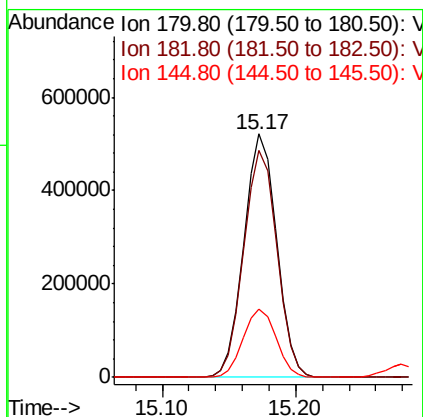
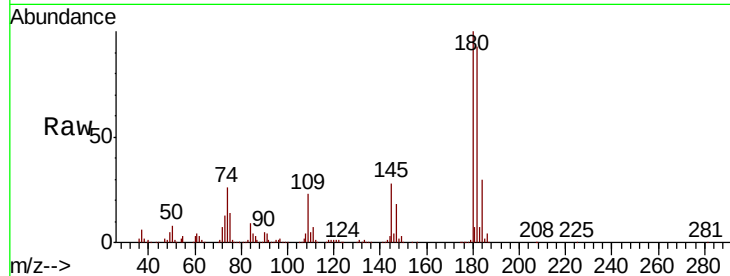




#93
 1,2,4-Trichlorobenzene
 Concen: 150.782 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

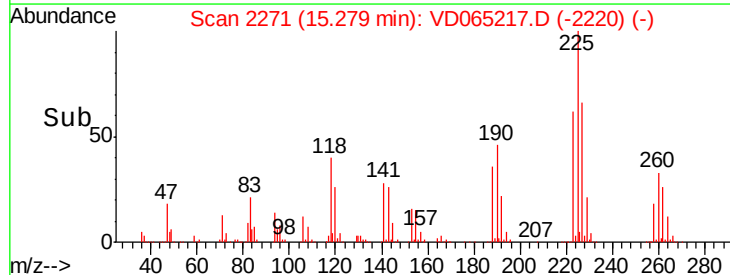
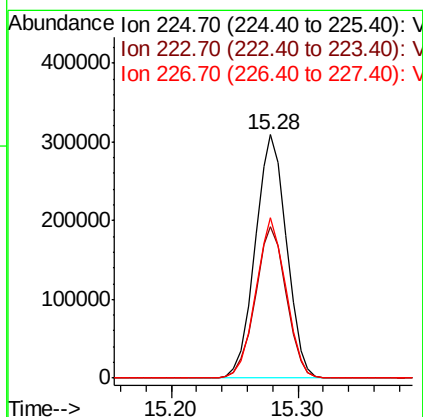
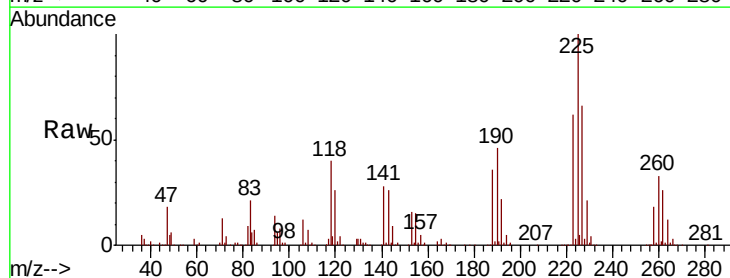
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

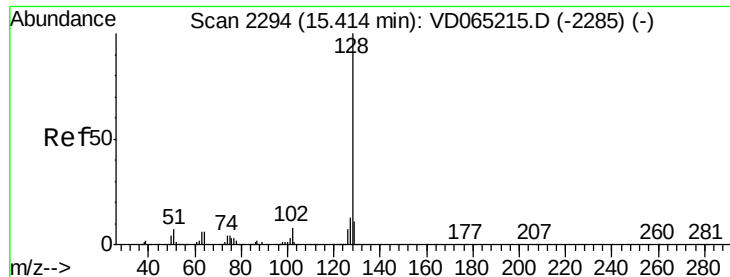
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.9	140.6
145	28.4	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 141.373 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065217.D
 Acq: 18 Feb 2020 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.4	94.2
227	63.3	31.7	95.1

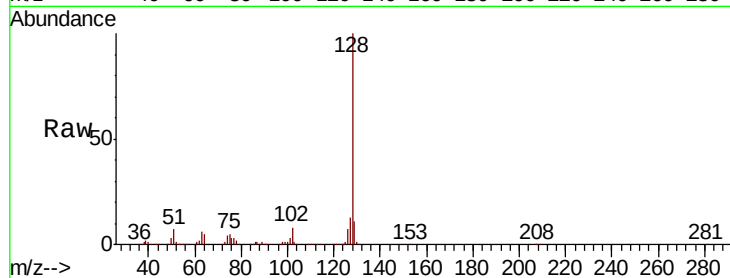




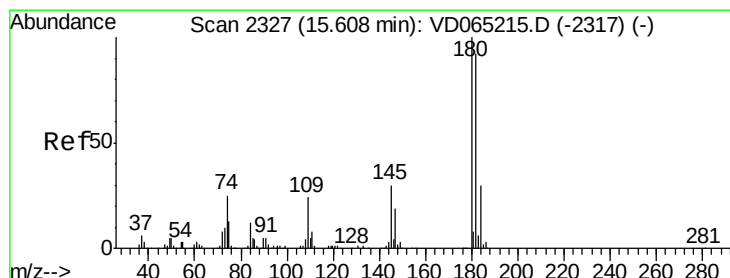
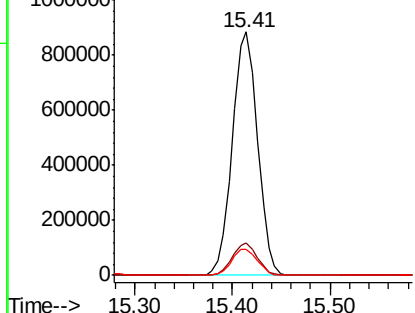
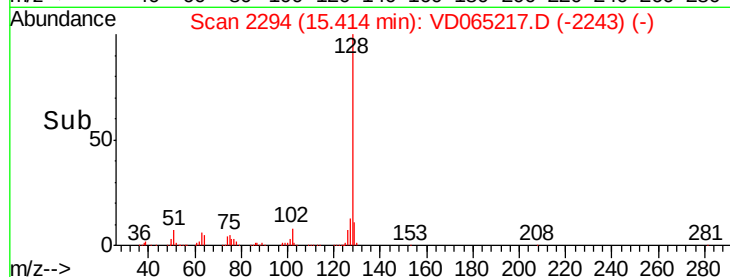
#95
Naphthalene
Concen: 166.799 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1587564
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

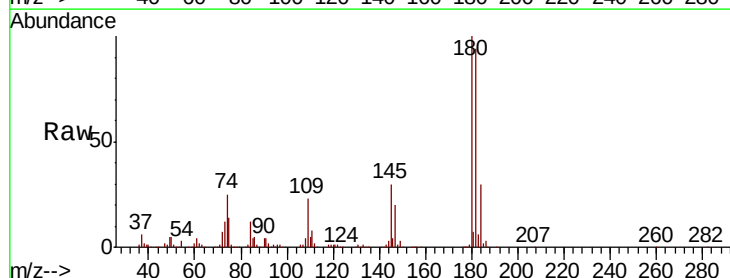


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 150.017 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065217.D
Acq: 18 Feb 2020 12:54

Tgt Ion:180 Resp: 767077
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 30.3 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

