

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065265.D
 Acq On : 20 Feb 2020 19:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 21 04:05:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	496081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	746024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	685882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335125	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	229449	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.92	113	235643	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.34	98	922506	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.64	95	292994	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	205922	49.491	ug/l	99
3) Chloromethane	2.21	50	256492	48.431	ug/l	99
4) Vinyl Chloride	2.36	62	253194	47.016	ug/l	99
5) Bromomethane	2.77	94	145730	44.756	ug/l	98
6) Chloroethane	2.93	64	155407	47.276	ug/l	100
7) Trichlorofluoromethane	3.27	101	357981	46.430	ug/l	99
8) Diethyl Ether	3.71	74	119343	51.279	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	228054	46.839	ug/l	99
10) Methyl Iodide	4.30	142	262691	51.963	ug/l	99
11) Tert butyl alcohol	5.26	59	63154	236.816	ug/l	97
12) 1,1-Dichloroethene	4.06	96	217298	47.245	ug/l	97
13) Acrolein	3.93	56	92018	285.892	ug/l	98
14) Allyl chloride	4.71	41	376066	50.350	ug/l	98
15) Acrylonitrile	5.43	53	265147	257.330	ug/l	99
16) Acetone	4.17	43	217071	198.979	ug/l	98
17) Carbon Disulfide	4.40	76	730326	47.362	ug/l	99
18) Methyl Acetate	4.73	43	122400	49.886	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	492188	51.316	ug/l	99
20) Methylene Chloride	4.96	84	256166	53.025	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	257334	49.216	ug/l	99
22) Diisopropyl ether	6.37	45	749823	52.076	ug/l	98
23) Vinyl Acetate	6.31	43	2110092	265.825	ug/l	100
24) 1,1-Dichloroethane	6.27	63	438346	49.082	ug/l	98
25) 2-Butanone	7.22	43	319785	231.685	ug/l	97
26) 2,2-Dichloropropane	7.21	77	355818	45.919	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	278278	50.244	ug/l	98
28) Bromochloromethane	7.55	49	179951	54.311	ug/l	98
29) Tetrahydrofuran	7.57	42	211523	261.551	ug/l	100
30) Chloroform	7.72	83	433050	48.129	ug/l	100
31) Cyclohexane	7.98	56	404430	46.089	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	381395	47.376	ug/l	99
36) 1,1-Dichloropropene	8.12	75	345081	47.539	ug/l	99
37) Ethyl Acetate	7.30	43	148283	48.865	ug/l	99
38) Carbon Tetrachloride	8.10	117	346028	46.828	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	420961	49.329	ug/l	99
40) Benzene	8.36	78	1011855	49.386	ug/l	100
41) Methacrylonitrile	7.53	41	81799	46.686	ug/l	98
42) 1,2-Dichloroethane	8.43	62	274567	48.746	ug/l	99
43) Isopropyl Acetate	8.46	43	279220	50.600	ug/l	100
44) Trichloroethene	9.11	130	272252	47.937	ug/l	99
45) 1,2-Dichloropropane	9.39	63	255332	50.117	ug/l	99
46) Dibromomethane	9.48	93	131838	50.294	ug/l	99
47) Bromodichloromethane	9.67	83	337522	48.859	ug/l	96
48) Methyl methacrylate	9.46	41	134553	52.752	ug/l	97
49) 1,4-Dioxane	9.47	88	31397	1021.232	ug/l	97
51) 4-Methyl-2-Pentanone	10.24	43	714452	254.909	ug/l	99
52) Toluene	10.41	92	637421	50.261	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	327151	51.092	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	392685	50.786	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	182730	49.527	ug/l	96
56) Ethyl methacrylate	10.67	69	230821	54.202	ug/l	98
57) 1,3-Dichloropropane	10.95	76	318574	50.732	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	313911	233.809	ug/l	100
59) 2-Hexanone	10.99	43	491855	245.151	ug/l	98
60) Dibromochloromethane	11.15	129	234760	49.713	ug/l	100
61) 1,2-Dibromoethane	11.25	107	173809	49.755	ug/l	100
64) Tetrachloroethene	10.88	164	235481	48.408	ug/l	98
65) Chlorobenzene	11.67	112	663512	48.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	248076	48.298	ug/l	99
67) Ethyl Benzene	11.75	91	1192995	49.489	ug/l	100
68) m/p-Xylenes	11.86	106	915330	99.247	ug/l	99
69) o-Xylene	12.18	106	419755	51.372	ug/l	98
70) Styrene	12.20	104	742503	51.182	ug/l	100
71) Bromoform	12.37	173	134984	47.360	ug/l #	99
73) Isopropylbenzene	12.48	105	1119602	50.462	ug/l	100
74) N-amyl acetate	12.30	43	252852	51.288	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	193545	48.335	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	251355	88.153	ug/l #	100
77) Bromobenzene	12.77	156	274216	49.773	ug/l	100
78) n-propylbenzene	12.83	91	1339522	50.240	ug/l	100
79) 2-Chlorotoluene	12.91	91	735289	49.228	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	924173	50.574	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	61684	46.710	ug/l	96
82) 4-Chlorotoluene	13.01	91	777930	49.059	ug/l	99
83) tert-Butylbenzene	13.23	119	771926	50.401	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	919548	50.275	ug/l	99
85) sec-Butylbenzene	13.41	105	1085758	49.198	ug/l	100
86) p-Isopropyltoluene	13.53	119	1009513	50.020	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	518049	48.639	ug/l	100
88) 1,4-Dichlorobenzene	13.61	146	506216	48.157	ug/l	99
89) n-Butylbenzene	13.86	91	928331	49.917	ug/l	100
90) Hexachloroethane	14.12	117	195266	47.650	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	443970	48.547	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	29596	47.962	ug/l	97

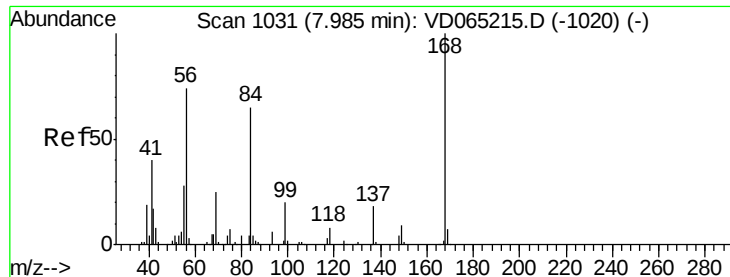
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	310691	51.938	ug/l	99
94) Hexachlorobutadiene	15.28	225	180582	47.059	ug/l	99
95) Naphthalene	15.41	128	523747	53.857	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	265759	50.868	ug/l	98

(#) = 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: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

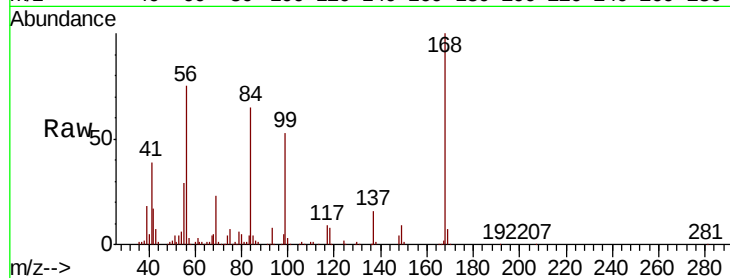
ClientSampleId :

Tot Ion:168 Resp: 496081

Ion Ratio Lower Upper

168 100

99 52.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

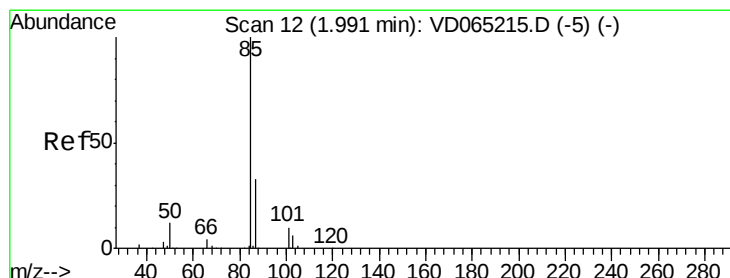
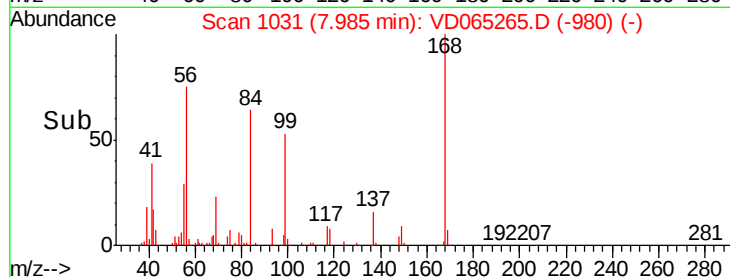
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 49.491 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065265.D

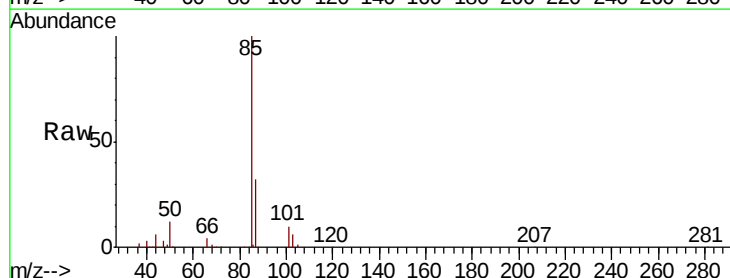
Acq: 20 Feb 2020 19:49

Tgt Ion: 85 Resp: 205922

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

1.99

150000

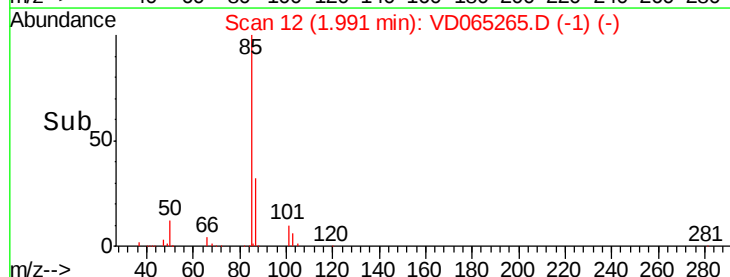
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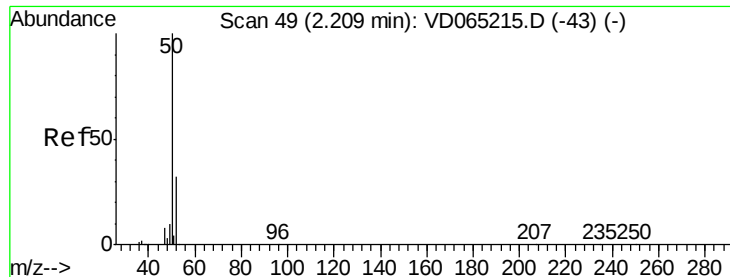
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 48.431 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

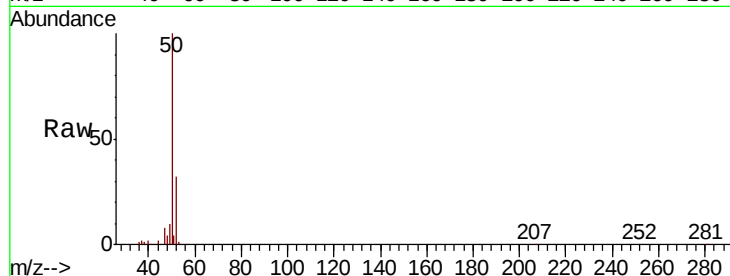
ClientSampleId :

Tot Ion: 50 Resp: 256492

Ion Ratio Lower Upper

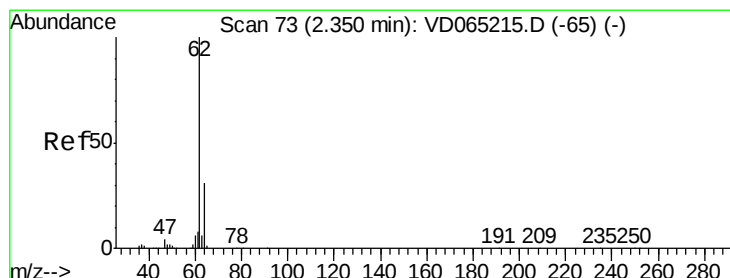
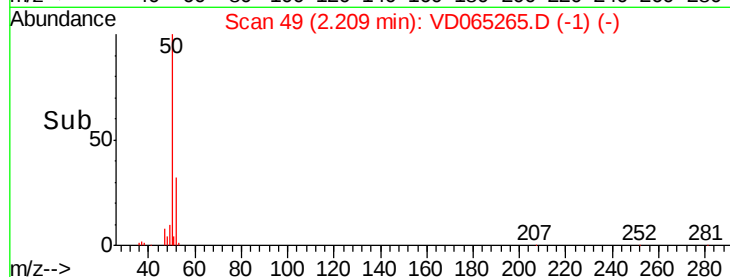
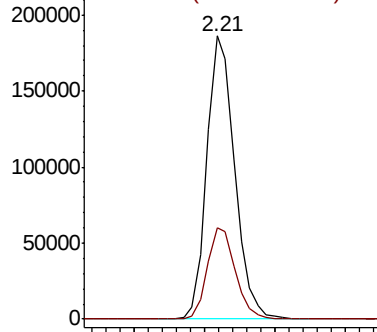
50 100

52 32.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.016 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065265.D

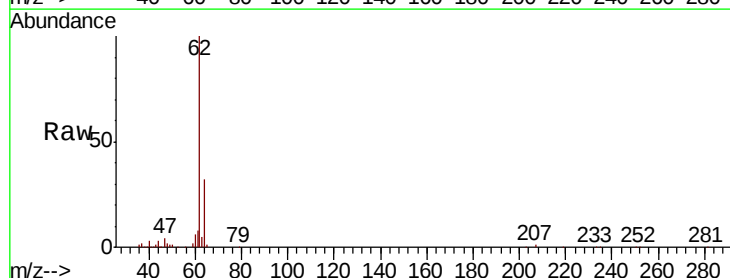
Acq: 20 Feb 2020 19:49

Tgt Ion: 62 Resp: 253194

Ion Ratio Lower Upper

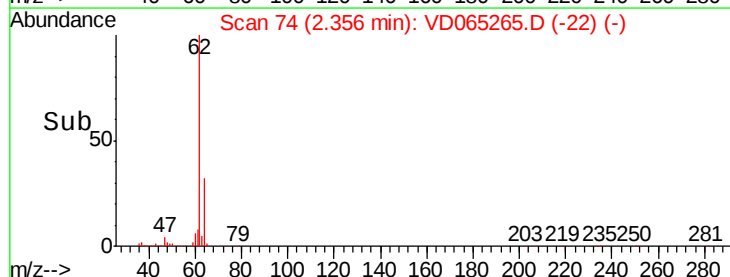
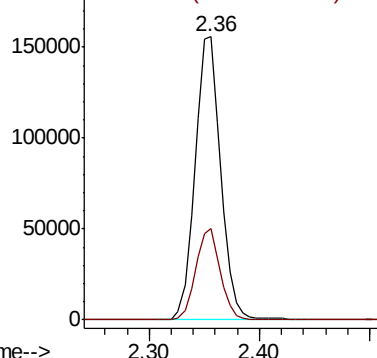
62 100

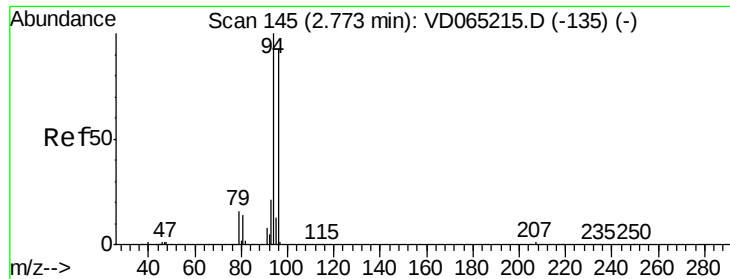
64 32.1 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.756 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

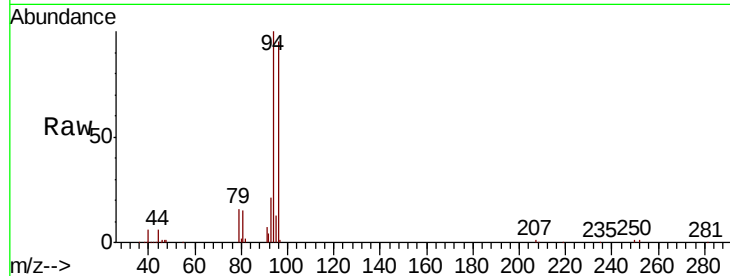
ClientSampleId :

Tot Ion: 94 Resp: 145730

Ion Ratio Lower Upper

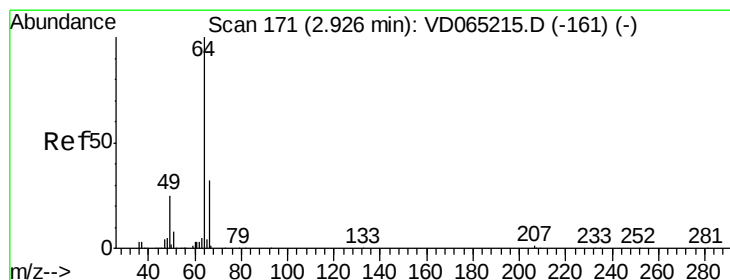
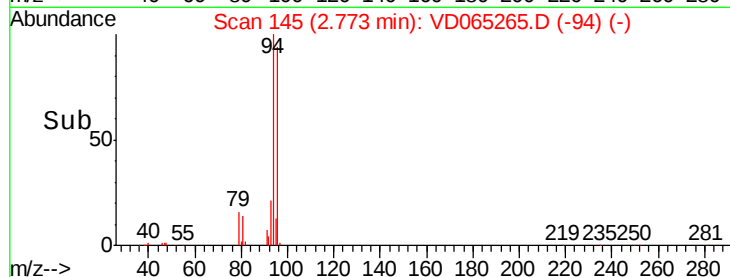
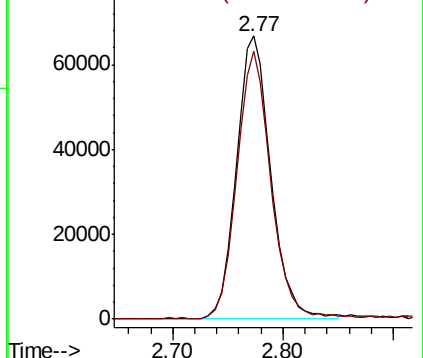
94 100

96 94.6 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: 47.276 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065265.D

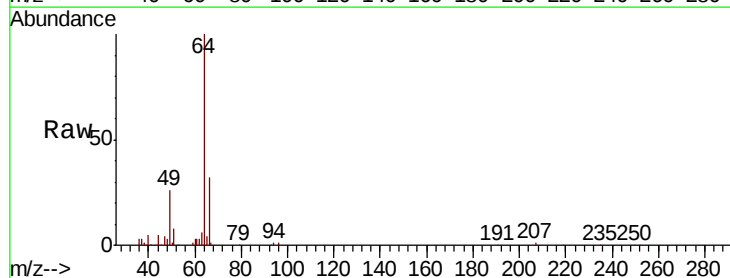
Acq: 20 Feb 2020 19:49

Tgt Ion: 64 Resp: 155407

Ion Ratio Lower Upper

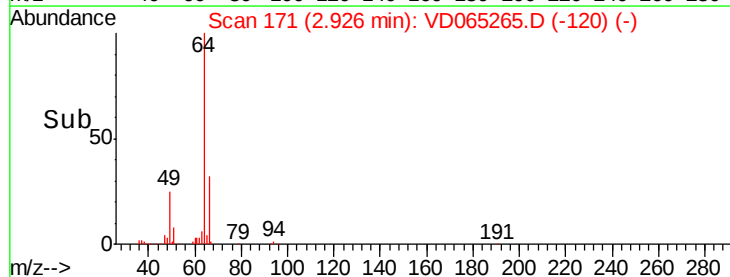
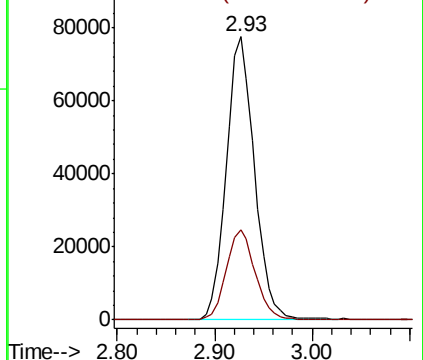
64 100

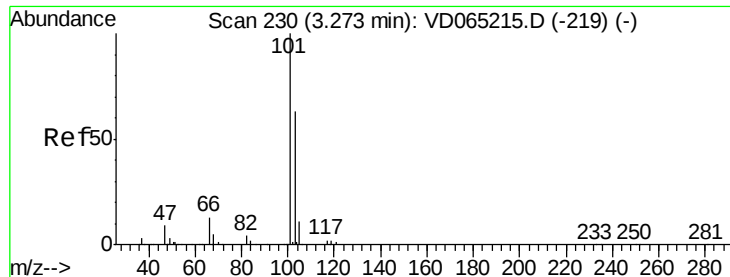
66 32.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



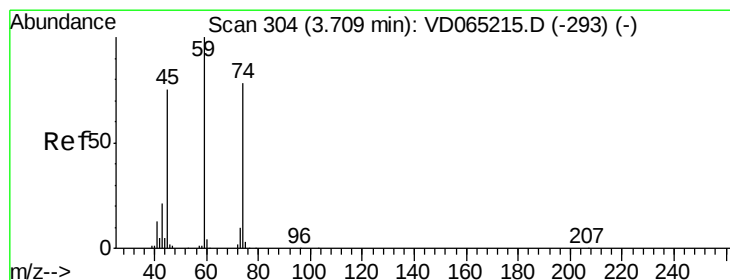
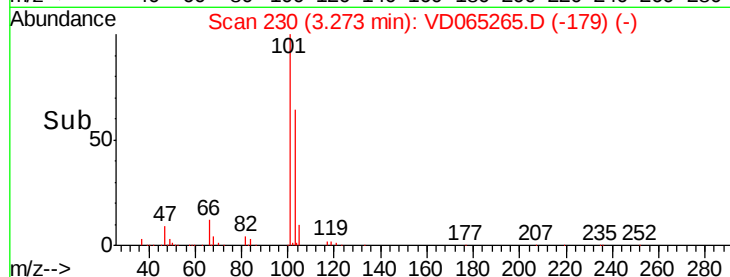
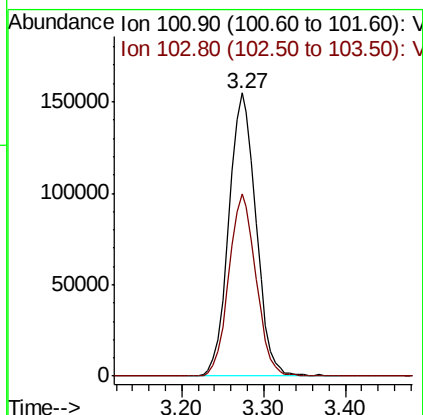
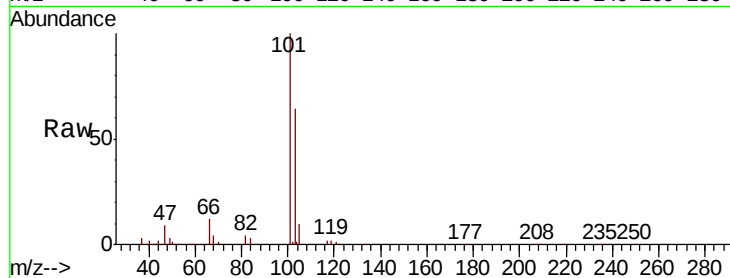


#7

Trichlorofluoromethane
Concen: 46.430 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Instrument :
MSVOA_D
ClientSampled :

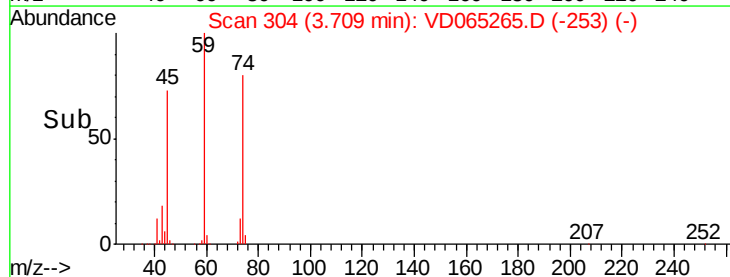
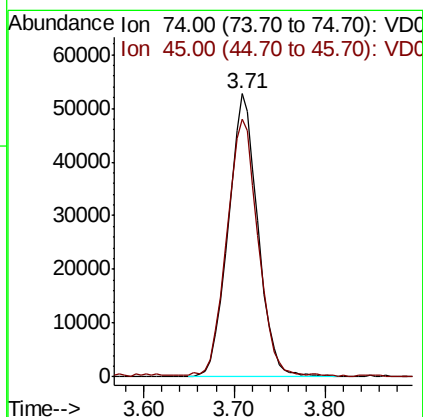
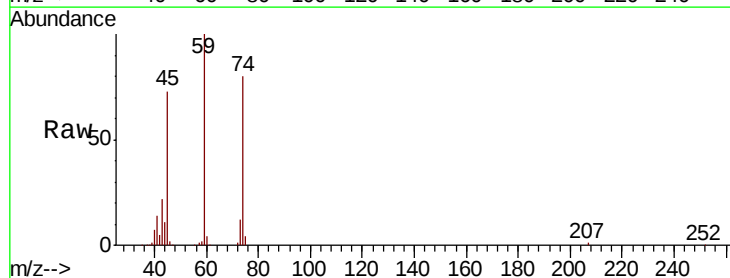
Tot Ion:101 Resp: 357981
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

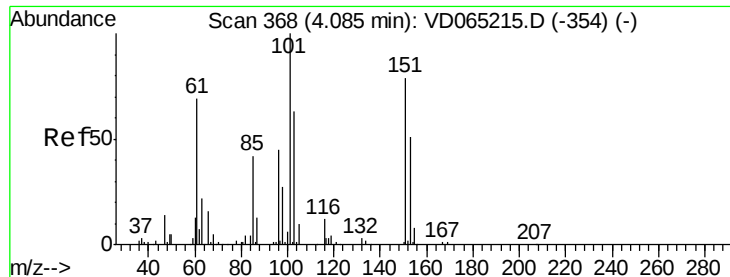


#8

Diethyl Ether
Concen: 51.279 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 74 Resp: 119343
Ion Ratio Lower Upper
74 100
45 97.1 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.839 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

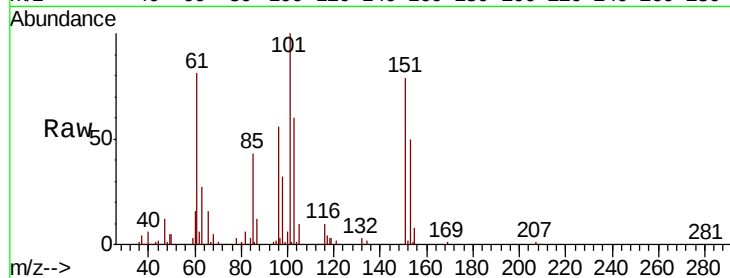
Tot Ion:101 Resp: 228054

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.2

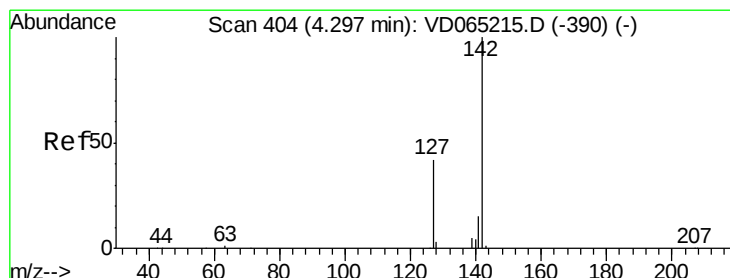
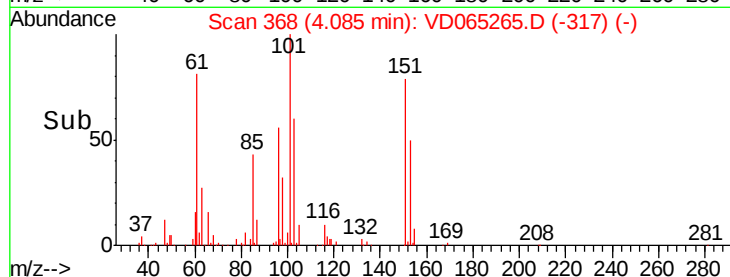
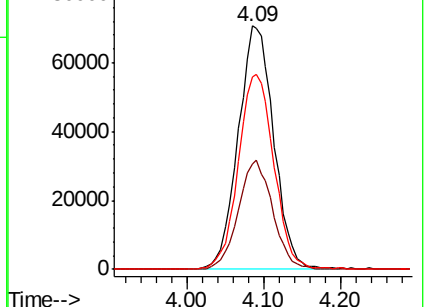
151 80.4 63.5 95.3



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: 51.963 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

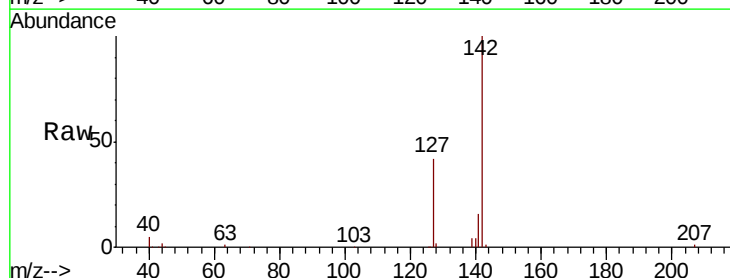
Tgt Ion:142 Resp: 262691

Ion Ratio Lower Upper

142 100

127 43.5 33.8 50.8

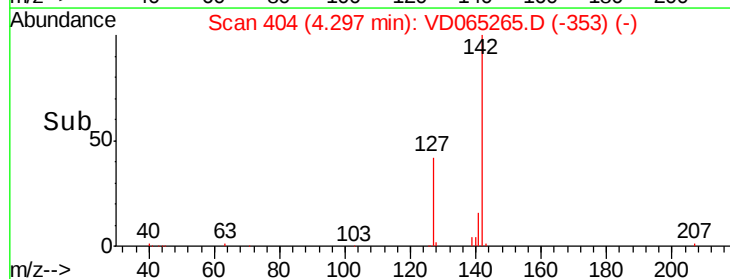
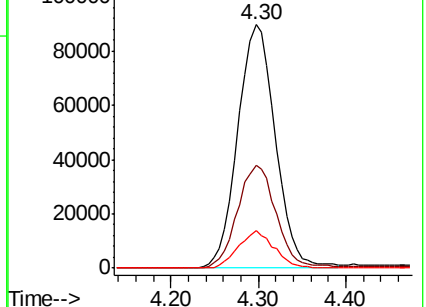
141 14.7 11.7 17.5

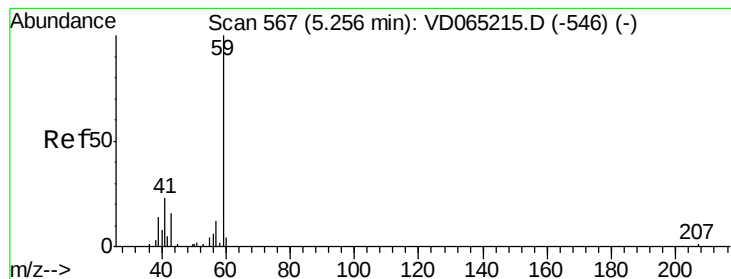


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



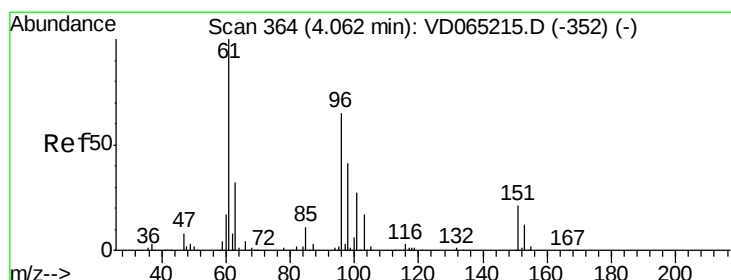
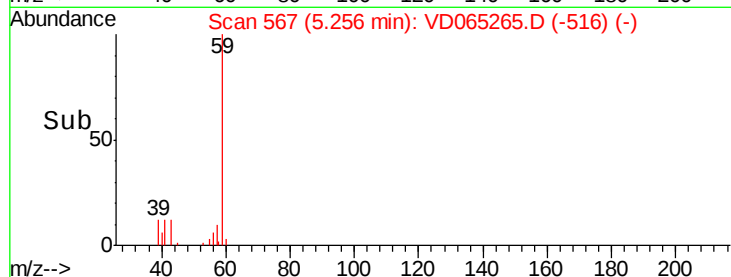
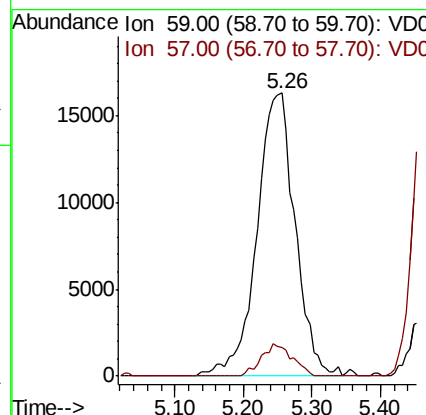
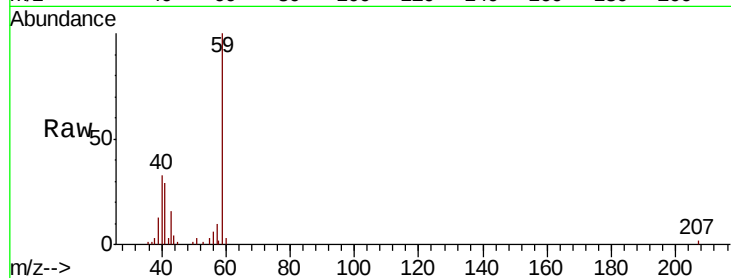


#11

Tert butyl alcohol
Concen: 236.816 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Instrument :
MSVOA_D
ClientSampleId :

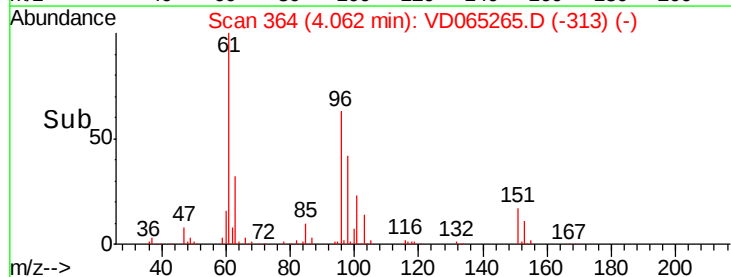
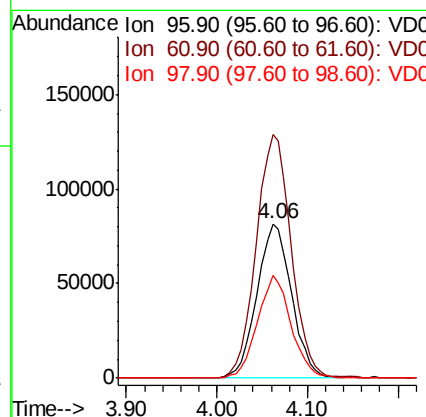
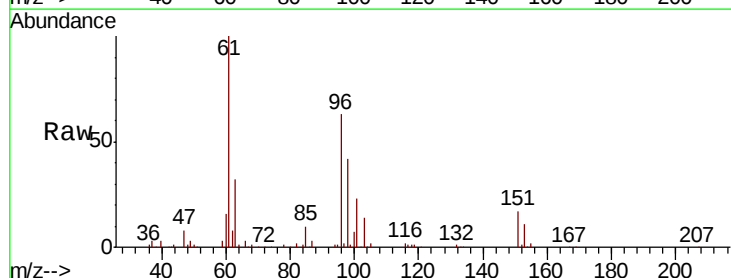
Tot Ion: 59 Resp: 63154
Ion Ratio Lower Upper
59 100
57 9.3 8.4 12.6

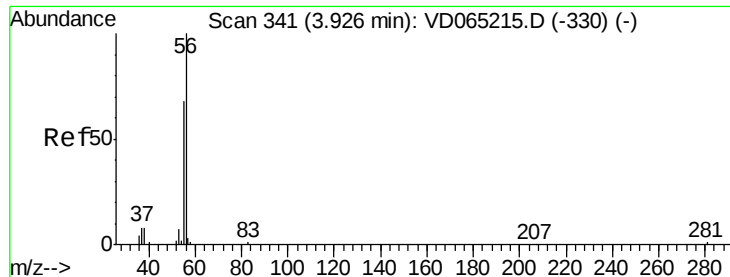


#12

1,1-Dichloroethene
Concen: 47.245 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 96 Resp: 217298
Ion Ratio Lower Upper
96 100
61 157.5 123.3 184.9
98 66.2 51.0 76.4





#13

Acrolein

Concen: 285.892 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

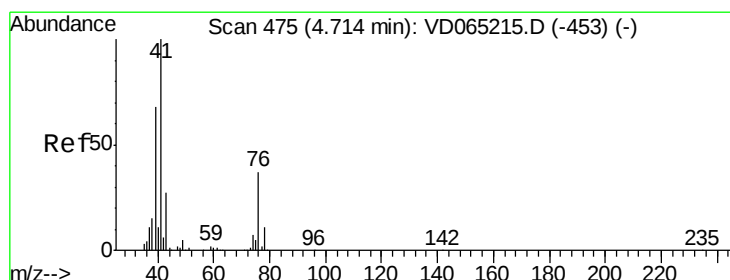
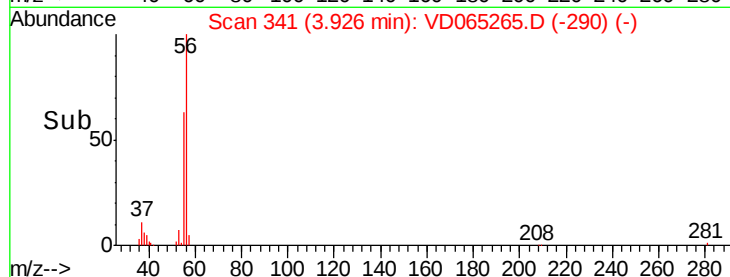
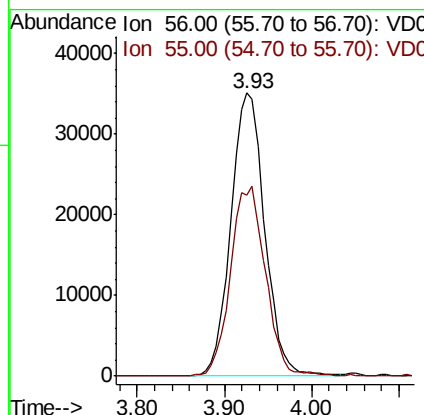
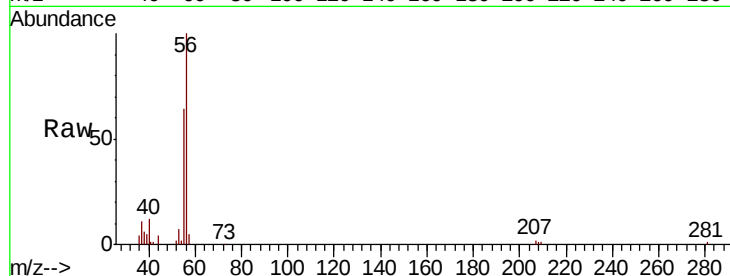
ClientSampleId :

Tot Ion: 56 Resp: 92018

Ion Ratio Lower Upper

56 100

55 69.2 56.6 85.0



#14

Allyl chloride

Concen: 50.350 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

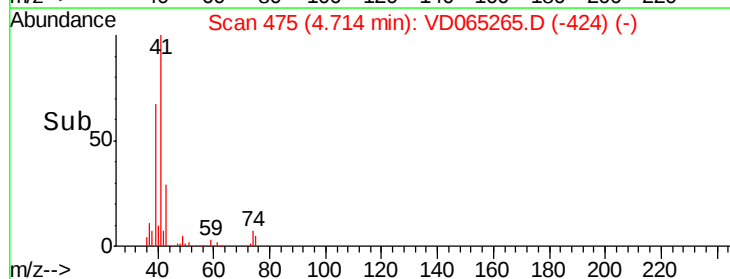
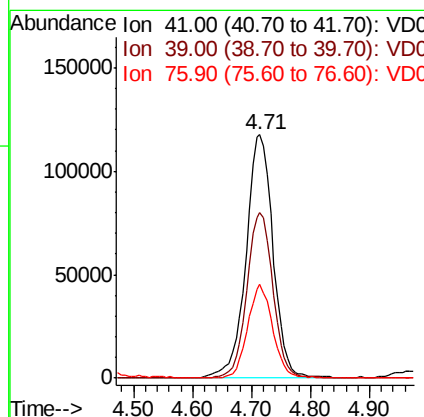
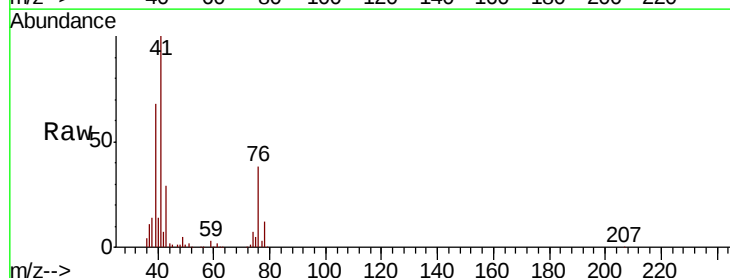
Tgt Ion: 41 Resp: 376066

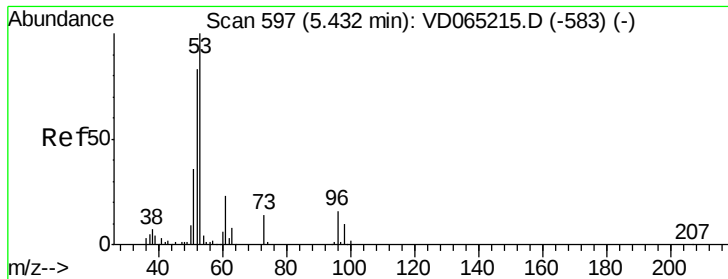
Ion Ratio Lower Upper

41 100

39 65.7 53.8 80.6

76 35.1 28.7 43.1





#15

Acrylonitrile

Concen: 257.330 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

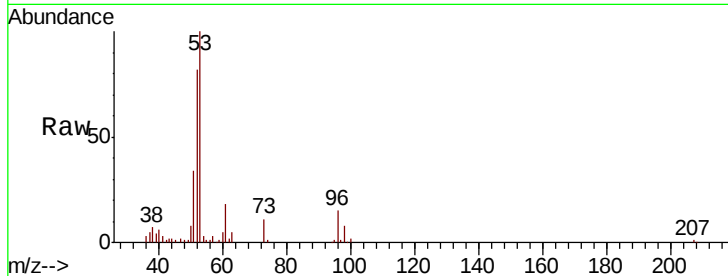
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 53 Resp: 265147

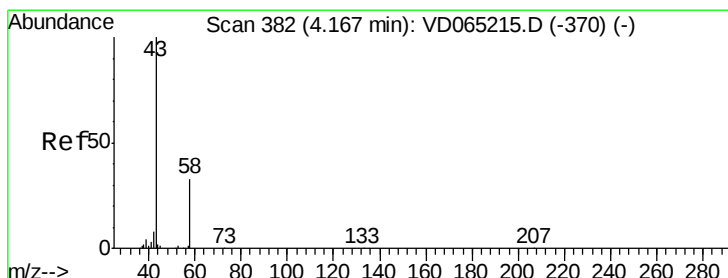
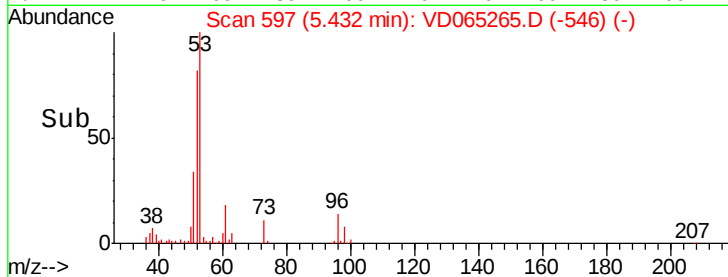
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.4	98.2
51	35.5	29.5	44.3



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: 198.979 ug/l

RT: 4.17 min Scan# 382

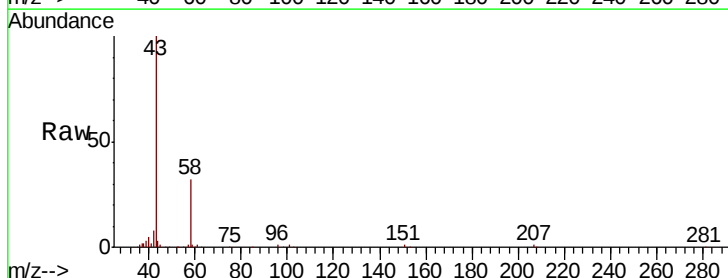
Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

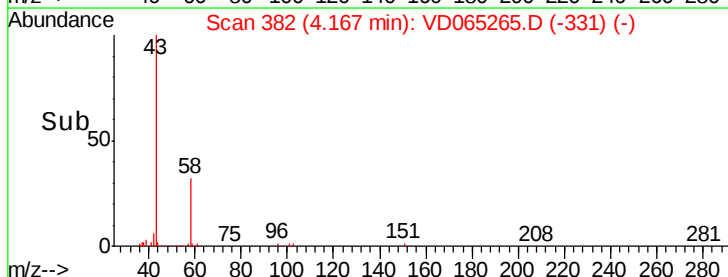
Tgt Ion: 43 Resp: 217071

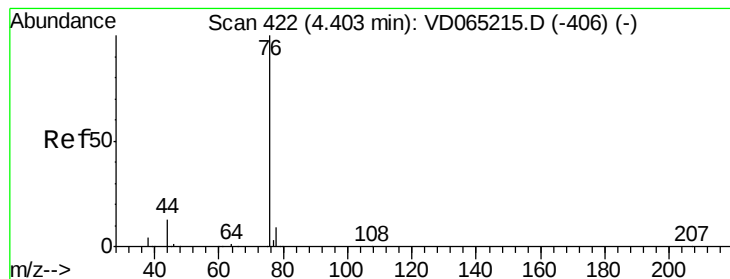
Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.2	39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 47.362 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

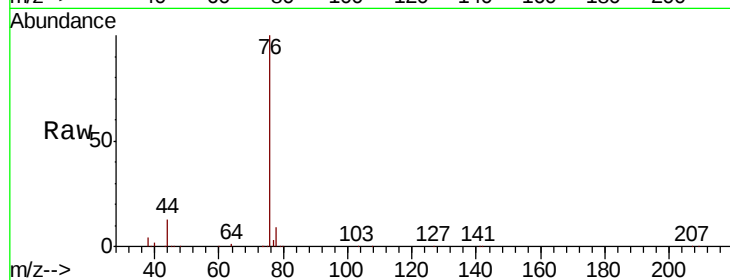
ClientSampled :

Tot Ion: 76 Resp: 730326

Ion Ratio Lower Upper

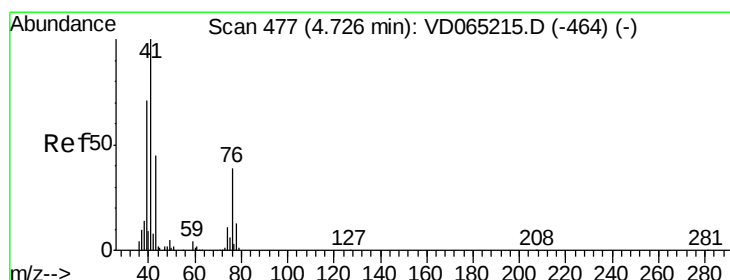
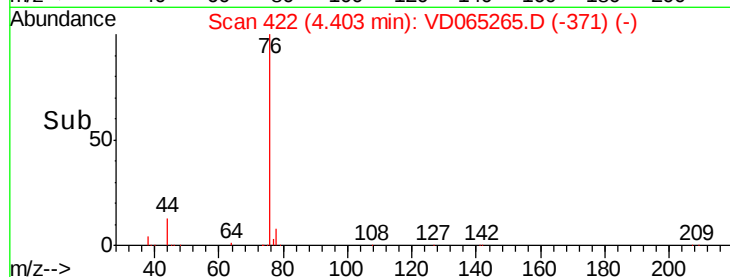
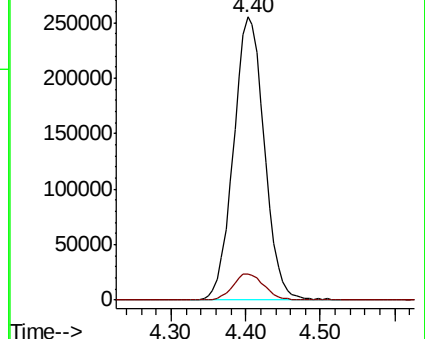
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 49.886 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065265.D

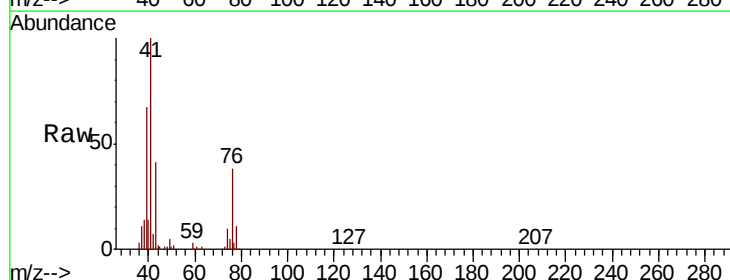
Acq: 20 Feb 2020 19:49

Tgt Ion: 43 Resp: 122400

Ion Ratio Lower Upper

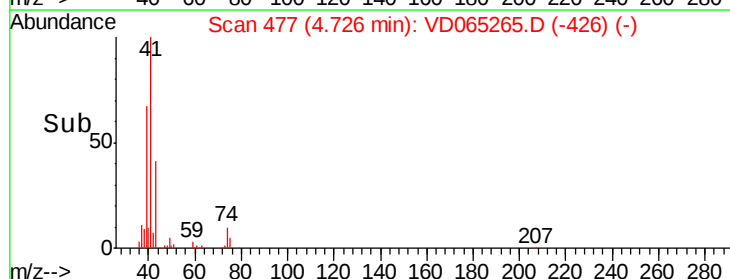
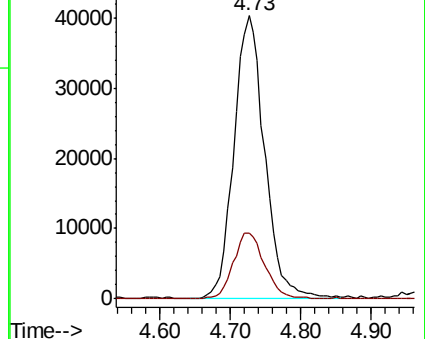
43 100

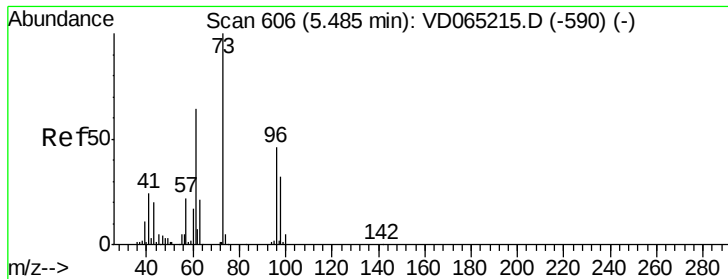
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

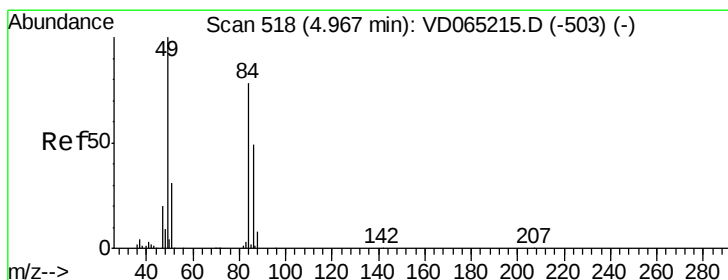
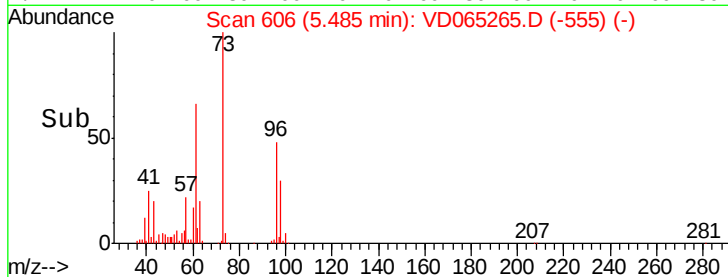
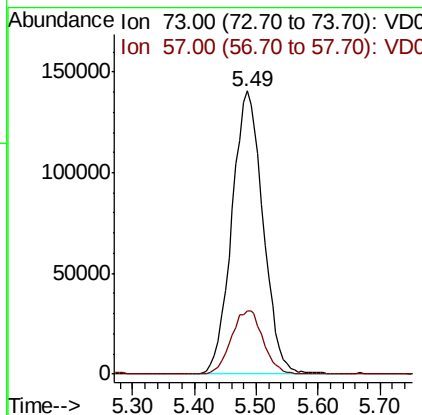
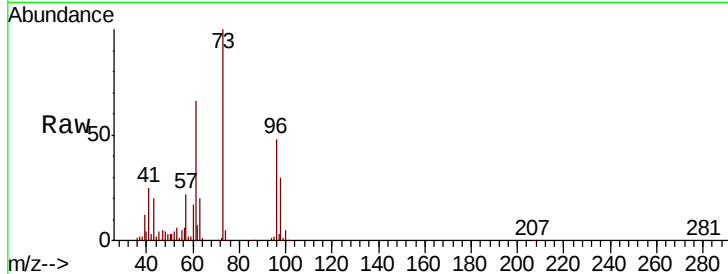




#19
Methvl tert-butvl Ether
Concen: 51.316 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

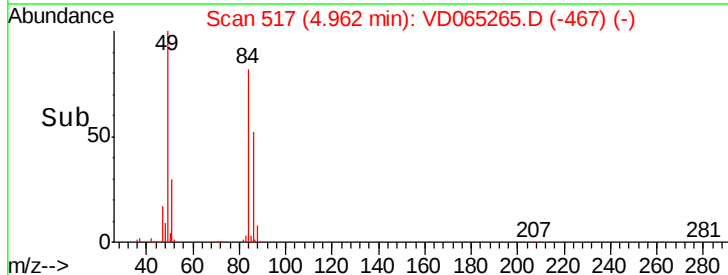
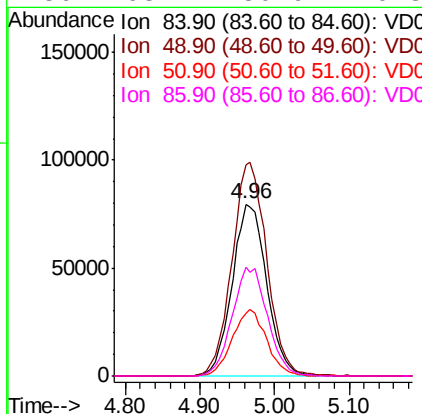
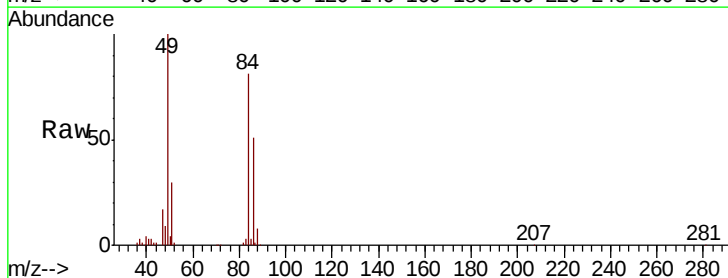
Instrument :
MSVOA_D
ClientSampleId :

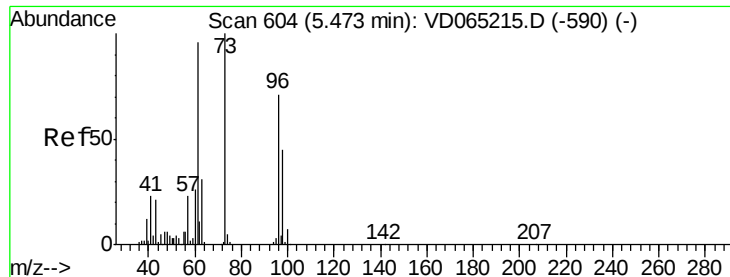
Tot Ion: 73 Resp: 492188
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 53.025 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 84 Resp: 256166
Ion Ratio Lower Upper
84 100
49 122.7 103.1 154.7
51 36.4 31.7 47.5
86 63.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 49.216 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :
MSVOA_D
ClientSampleId :

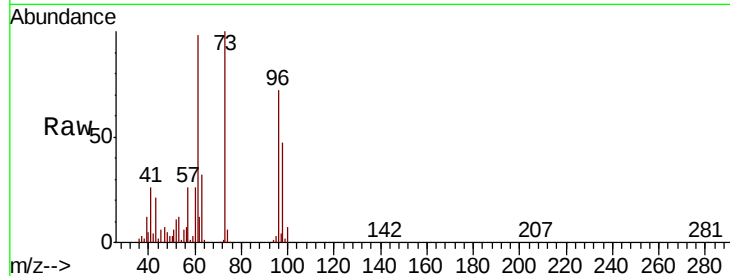
Tot Ion: 96 Resp: 257334

Ion Ratio Lower Upper

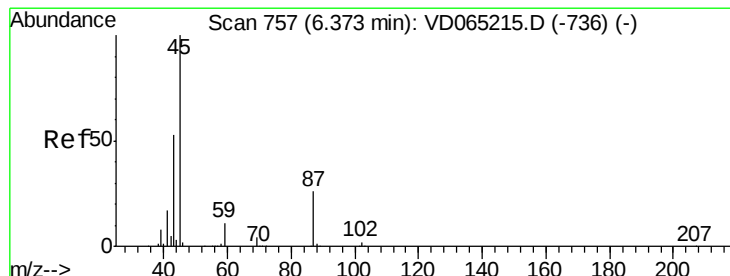
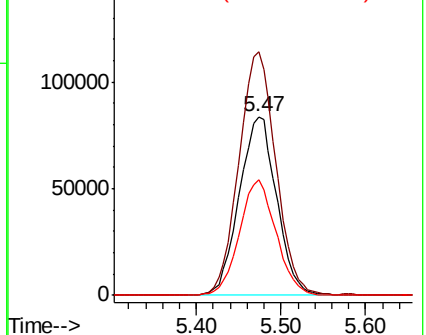
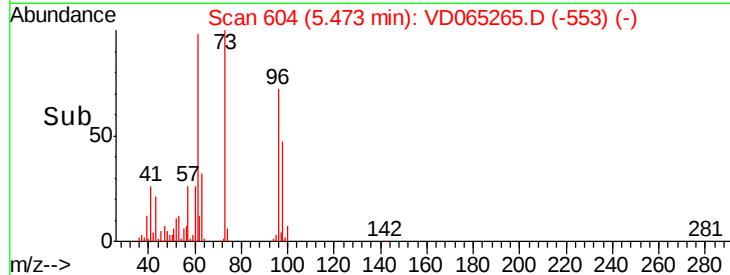
96 100

61 136.1 108.3 162.5

98 64.4 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: 52.076 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Tgt Ion: 45 Resp: 749823

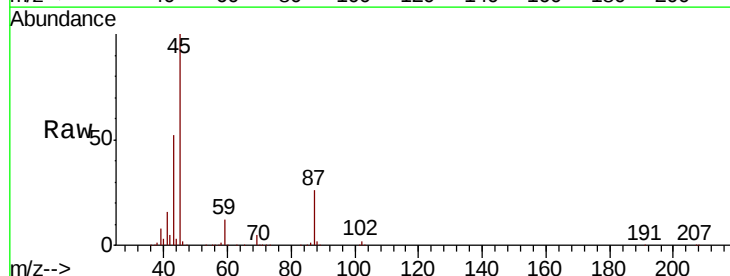
Ion Ratio Lower Upper

45 100

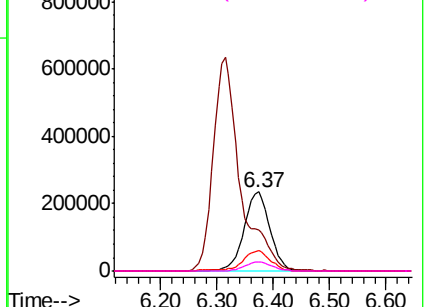
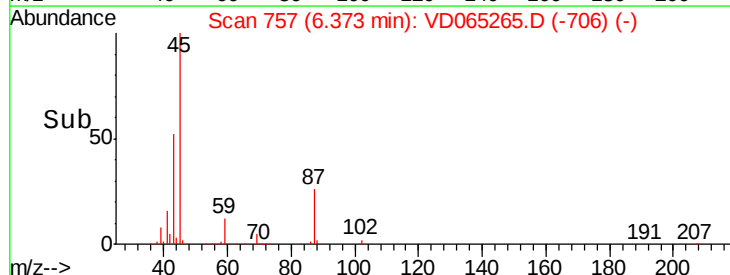
43 51.7 42.6 64.0

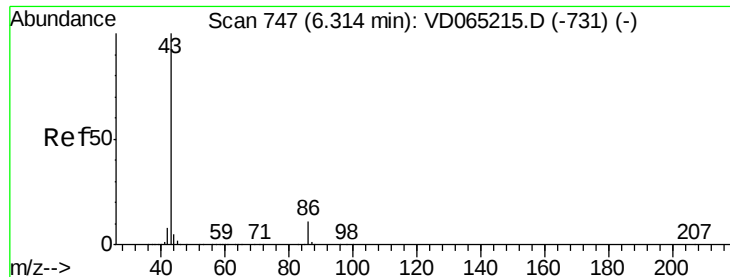
87 25.4 21.2 31.8

59 12.2 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: 265.825 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

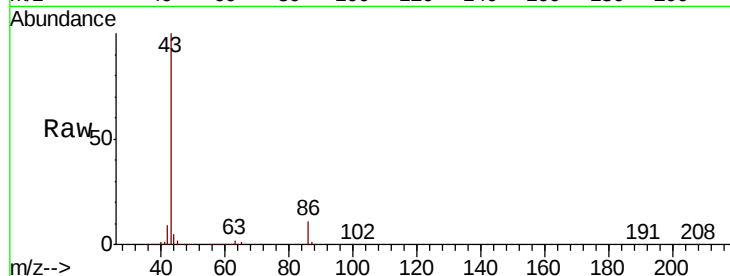
ClientSampleId :

Tot Ion: 43 Resp: 2110092

Ion Ratio Lower Upper

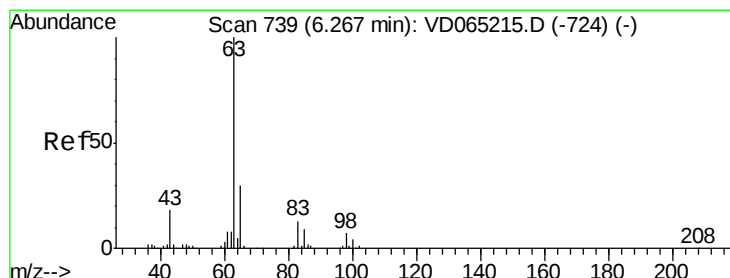
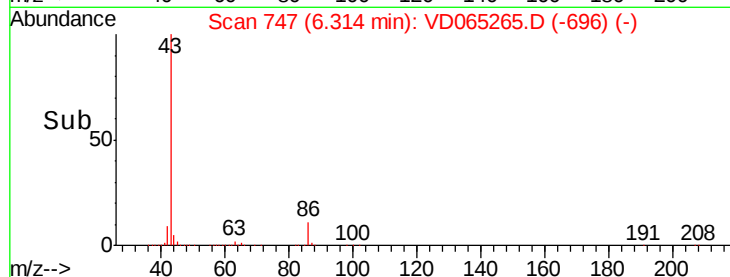
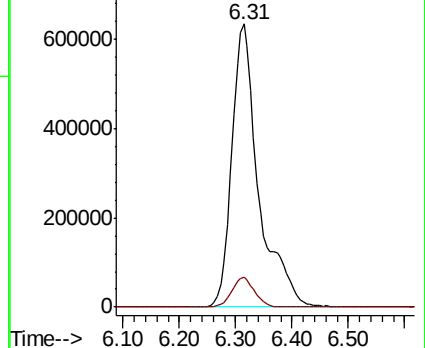
43 100

86 10.7 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: 49.082 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

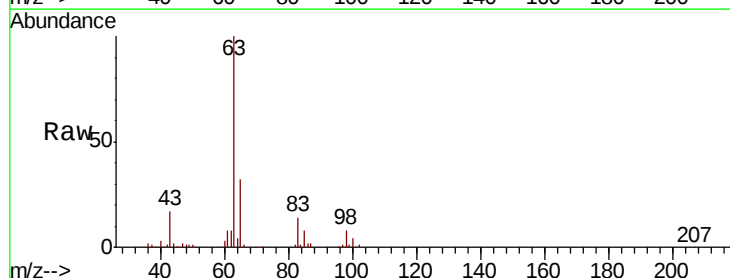
Tgt Ion: 63 Resp: 438346

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

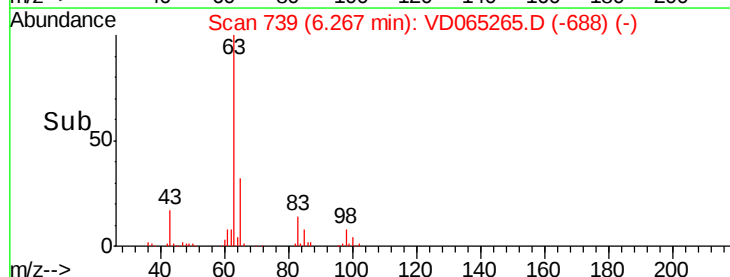
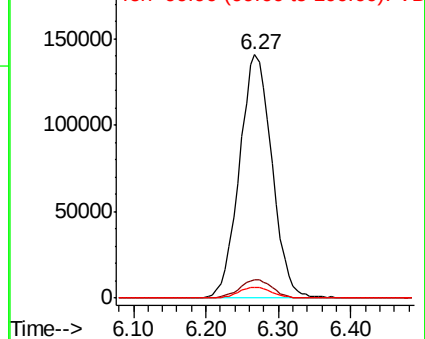
100 4.1 2.3 6.8

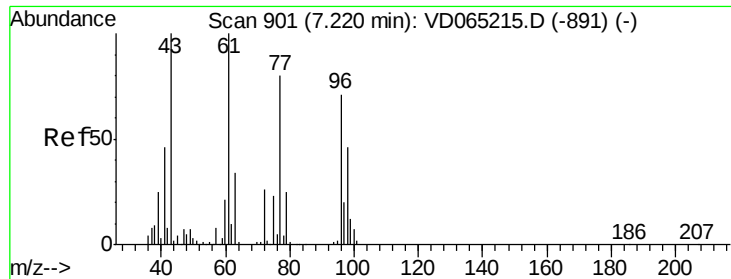


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 231.685 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

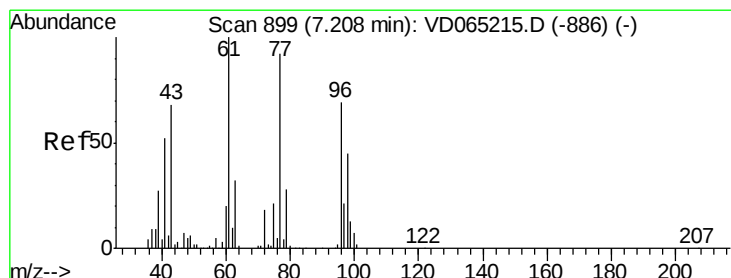
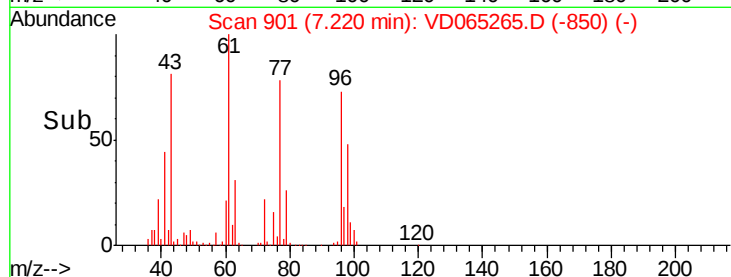
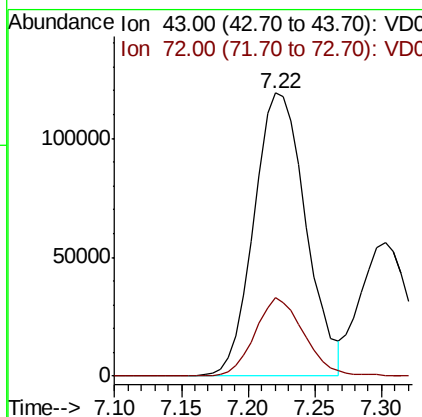
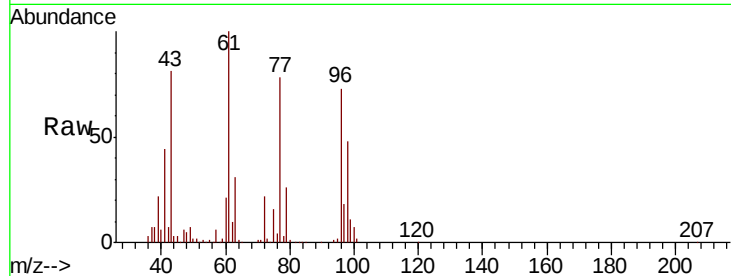
ClientSampled :

Tot Ion: 43 Resp: 319785

Ion Ratio Lower Upper

43 100

72 27.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 45.919 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065265.D

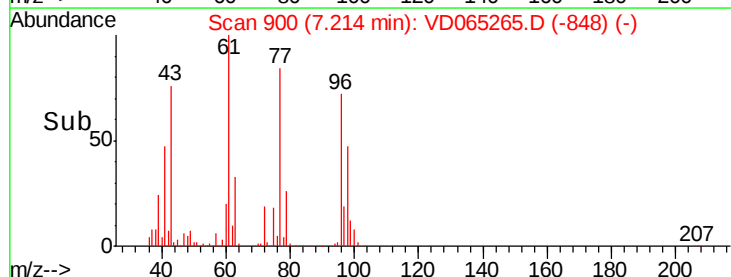
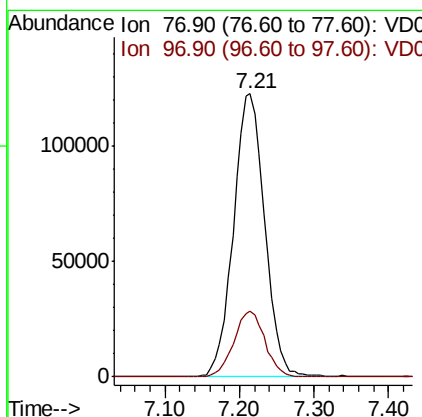
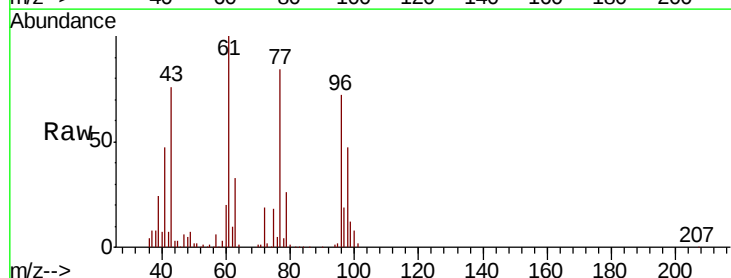
Acq: 20 Feb 2020 19:49

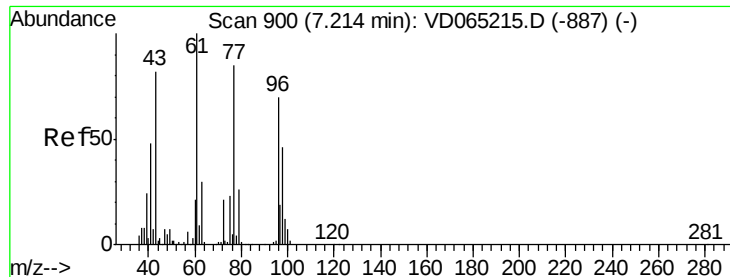
Tgt Ion: 77 Resp: 355818

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1



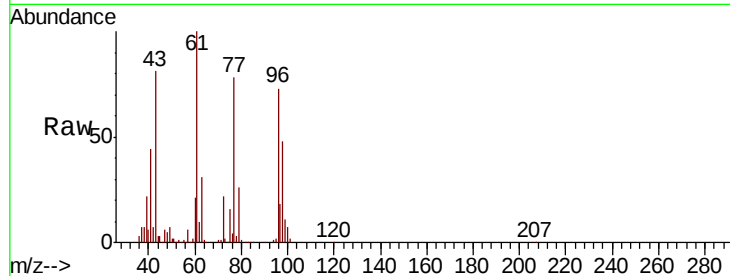


#27

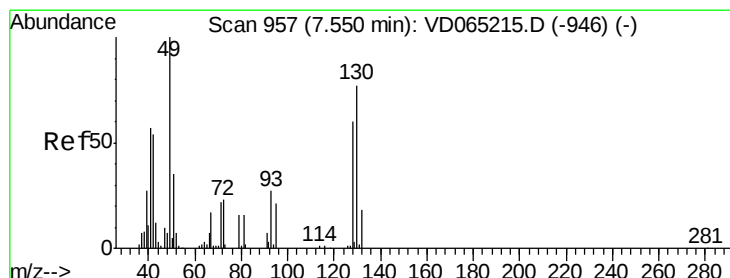
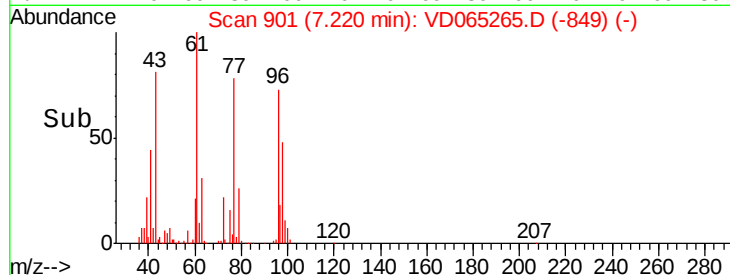
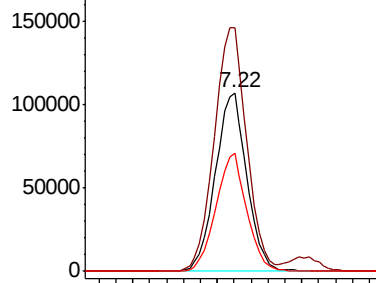
cis-1,2-Dichloroethene
 Concen: 50.244 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 96 Resp: 278278
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 286.0
 98 64.5 0.0 127.8



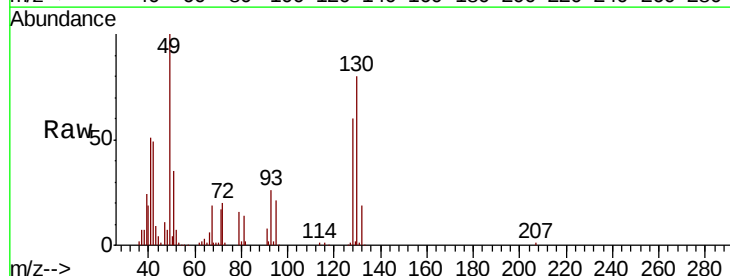
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



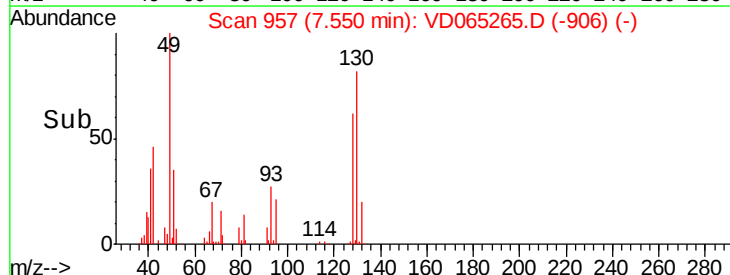
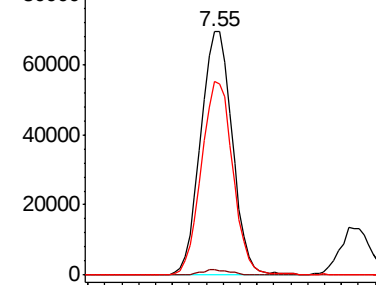
#28

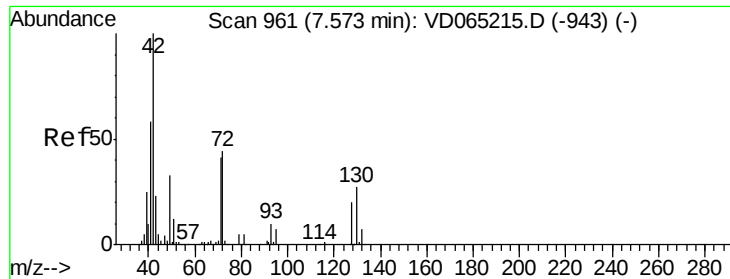
Bromochloromethane
 Concen: 54.311 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

Tgt Ion: 49 Resp: 179951
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 79.0 64.7 97.1



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

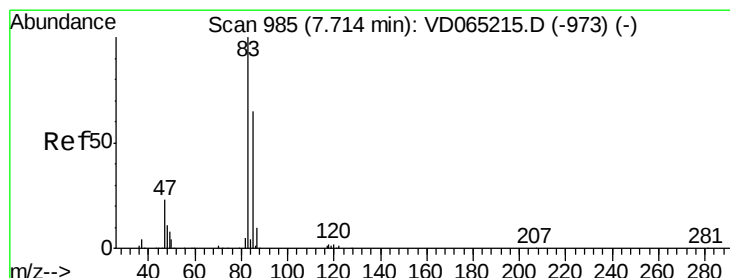
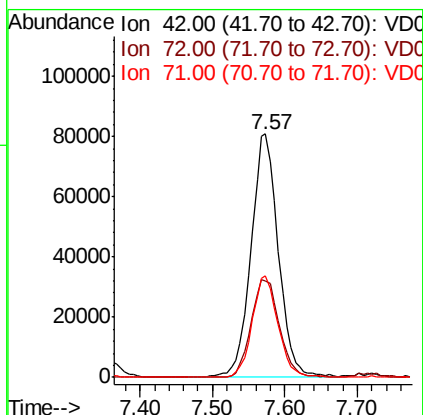
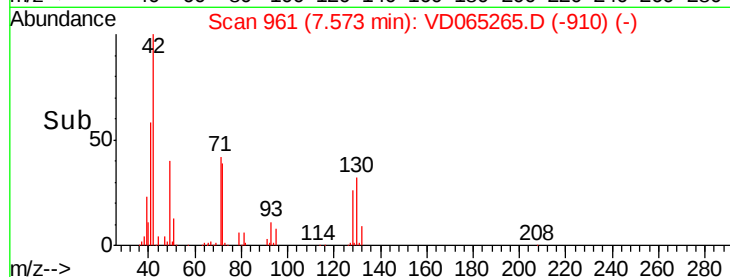
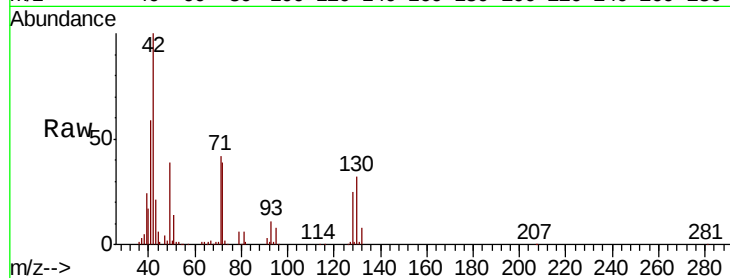




#29
Tetrahydrofuran
Concen: 261.551 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

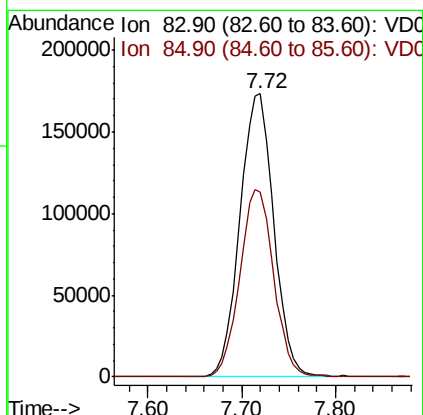
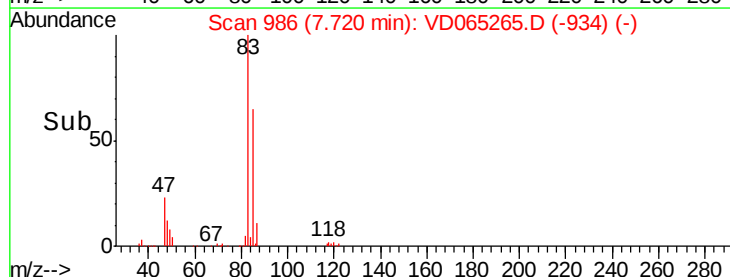
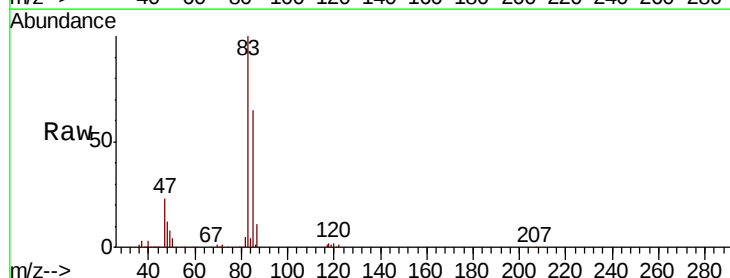
Instrument :
MSVOA_D
ClientSampled :

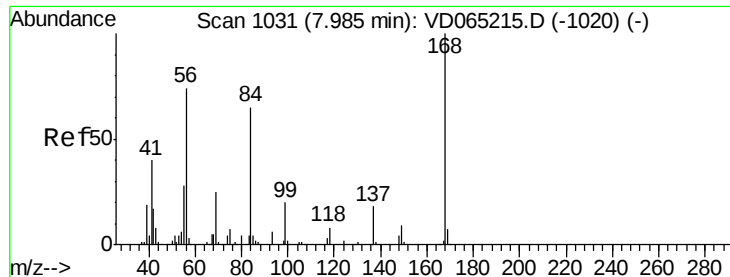
Tot Ion: 42 Resp: 211523
Ion Ratio Lower Upper
42 100
72 41.6 33.7 50.5
71 39.3 31.4 47.2



#30
Chloroform
Concen: 48.129 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 83 Resp: 433050
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5

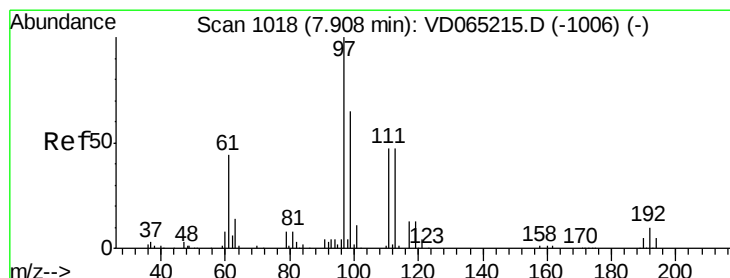
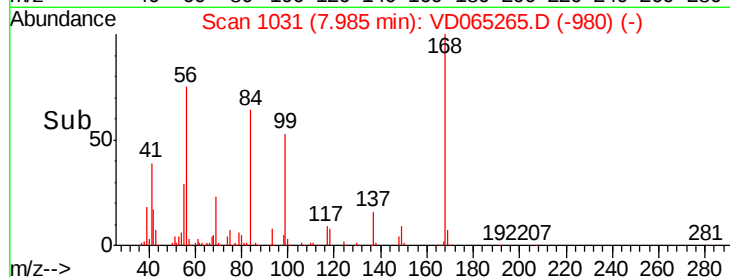
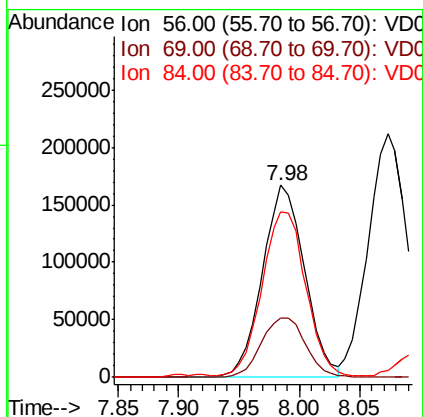
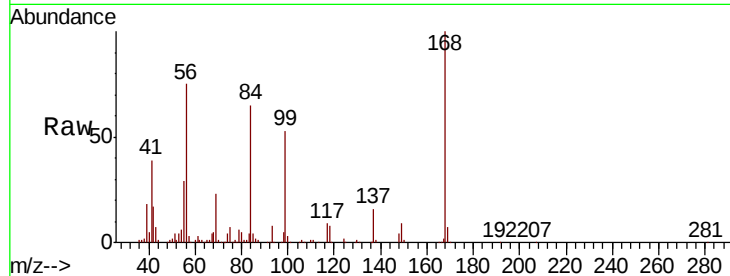




#31
Cyclohexane
Concen: 46.089 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

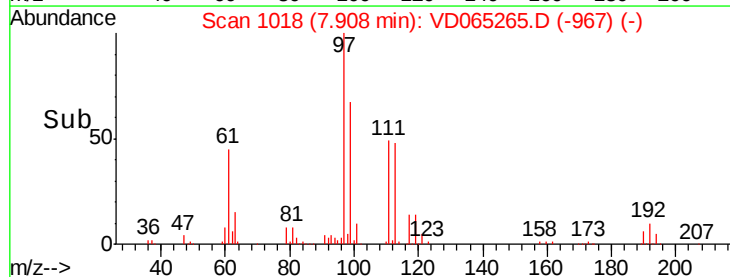
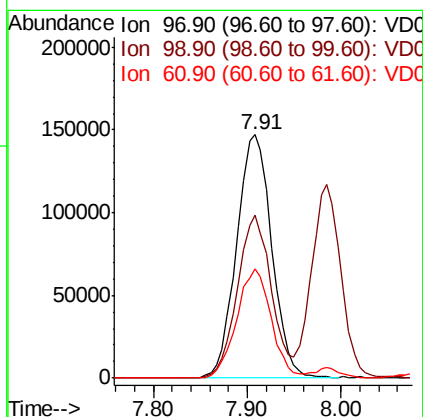
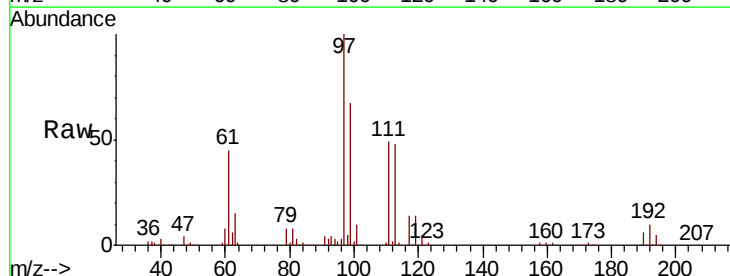
Instrument :
MSVOA_D
ClientSampleId :

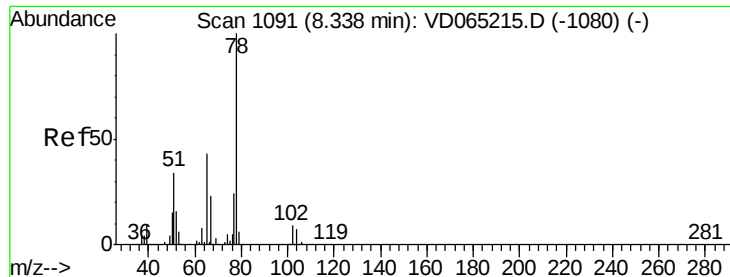
Tot Ion: 56 Resp: 404430
Ion Ratio Lower Upper
56 100
69 30.9 27.4 41.0
84 85.3 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 47.376 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 97 Resp: 381395
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 44.1 34.8 52.2

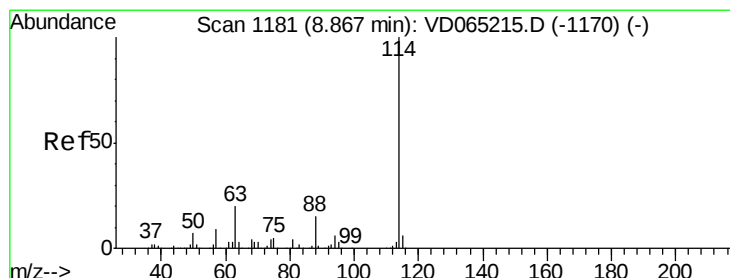
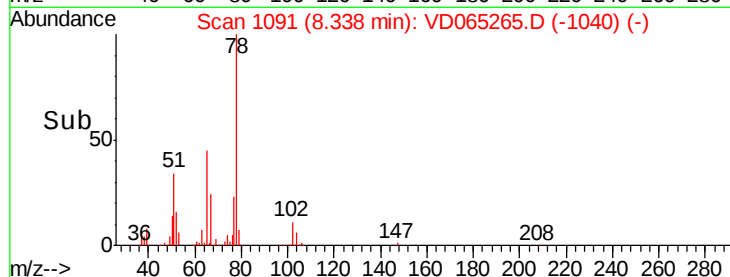
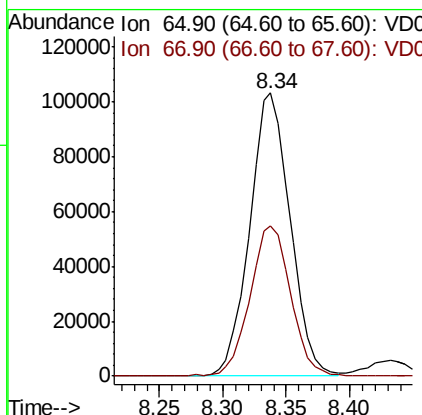
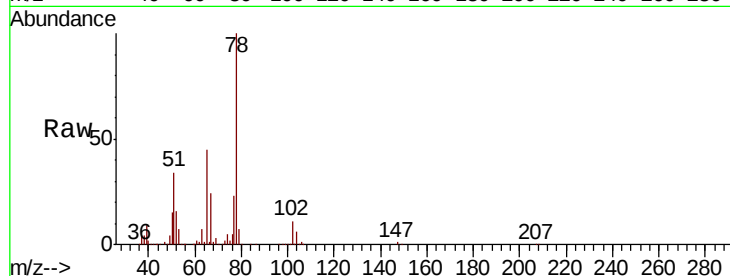




#33
 1,2-Dichloroethane-d4
 Concen: 51.414 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

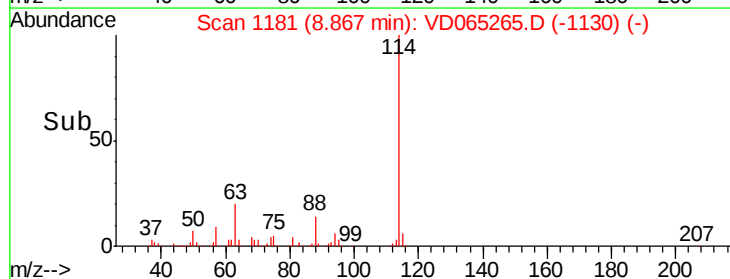
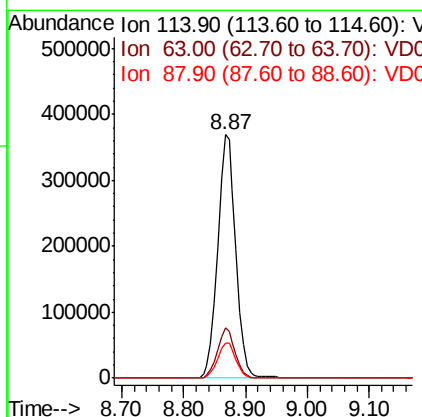
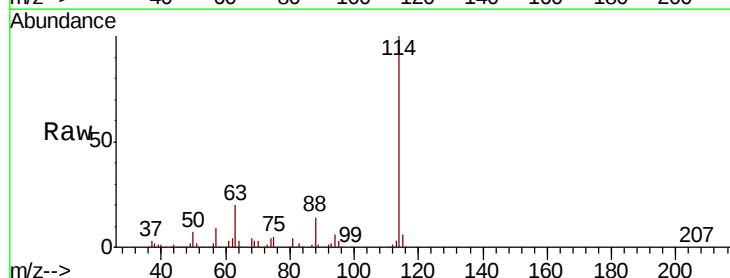
Instrument :
 MSVOA_D
 ClientSampleId :

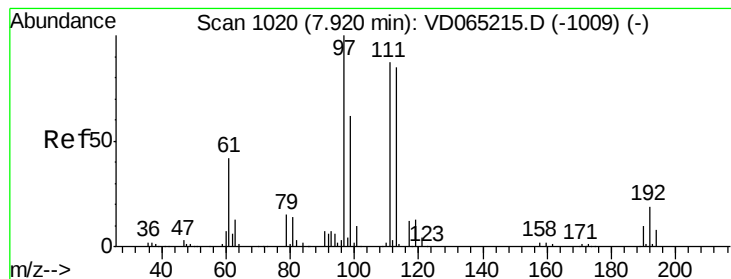
Tot Ion: 65 Resp: 229449
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

Tgt Ion: 114 Resp: 746024
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 14.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.803 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

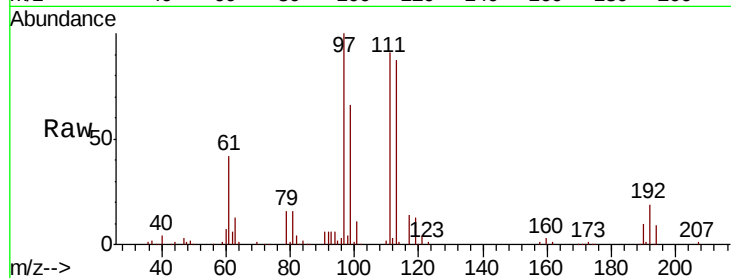
Tot Ion:113 Resp: 235643

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

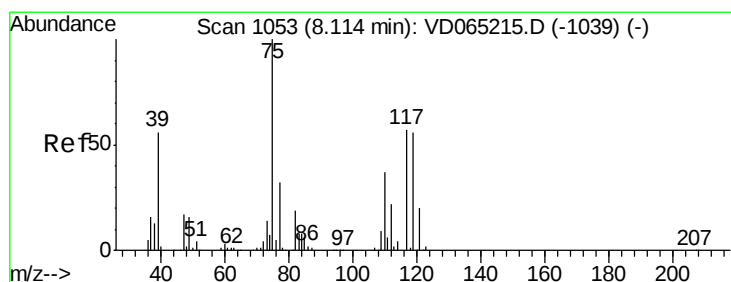
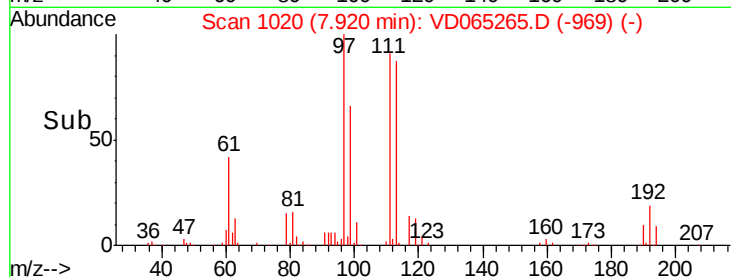
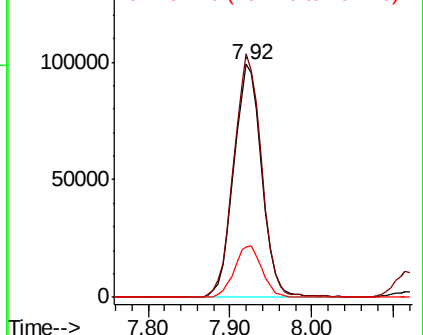
192 21.7 17.3 25.9



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: 47.539 ug/l

RT: 8.12 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

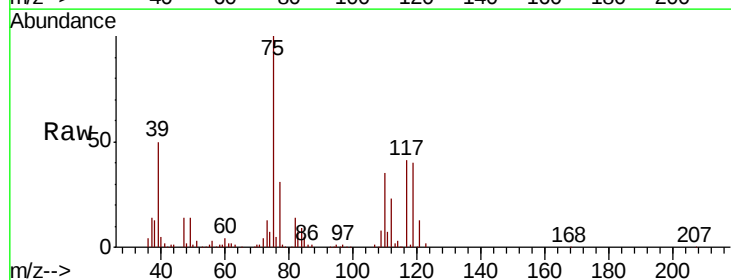
Tgt Ion: 75 Resp: 345081

Ion Ratio Lower Upper

75 100

110 36.4 17.9 53.7

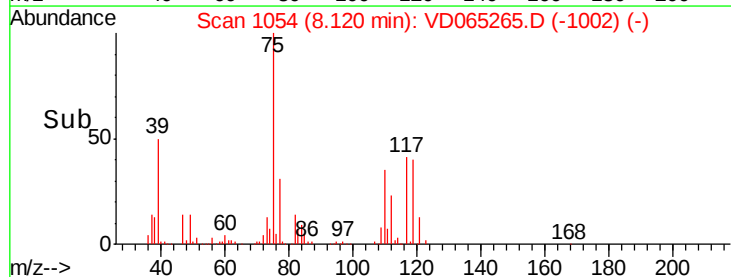
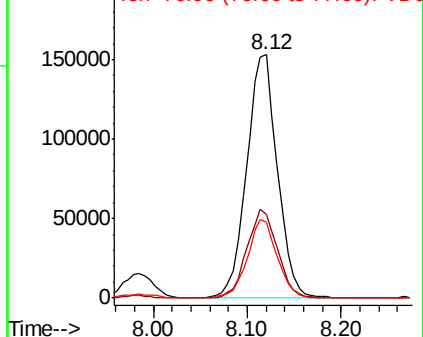
77 31.7 25.1 37.7

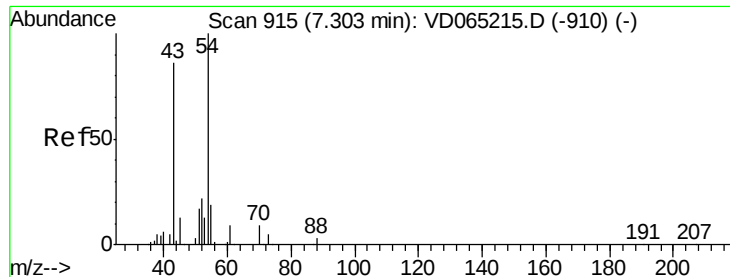


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

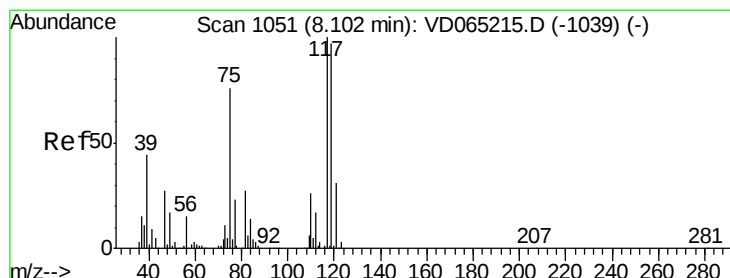
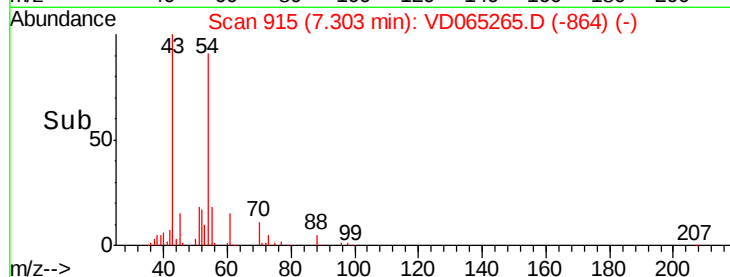
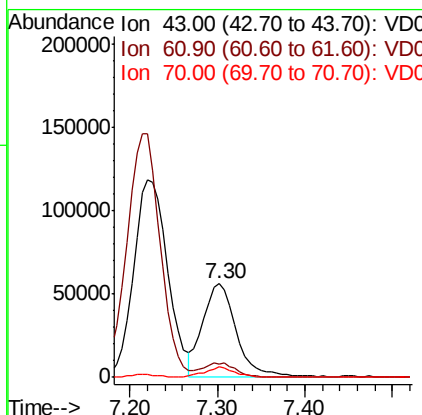
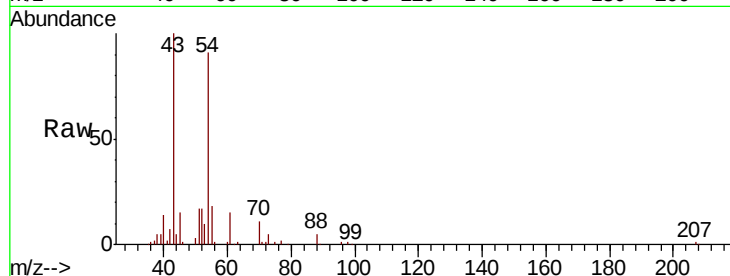




#37
Ethyl Acetate
Concen: 48.865 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

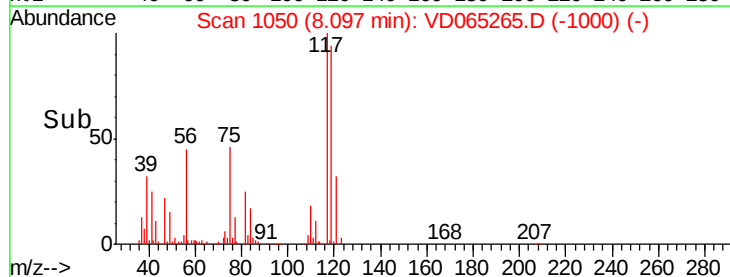
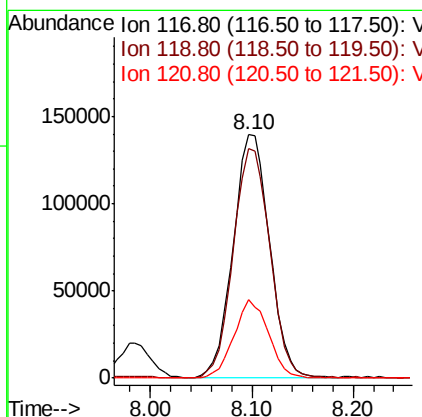
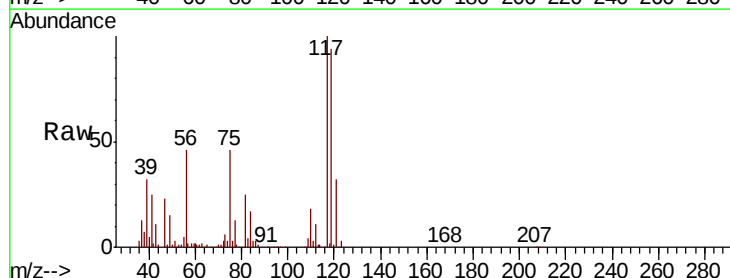
Instrument :
MSVOA_D
ClientSampleId :

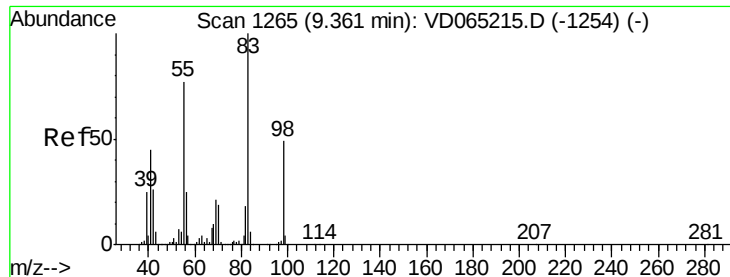
Tot Ion: 43 Resp: 148283
Ion Ratio Lower Upper
43 100
61 14.3 11.2 16.8
70 9.7 8.2 12.2



#38
Carbon Tetrachloride
Concen: 46.828 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 117 Resp: 346028
Ion Ratio Lower Upper
117 100
119 94.5 77.6 116.4
121 32.5 24.8 37.2

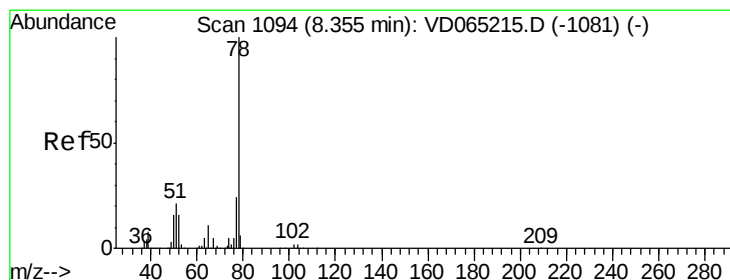
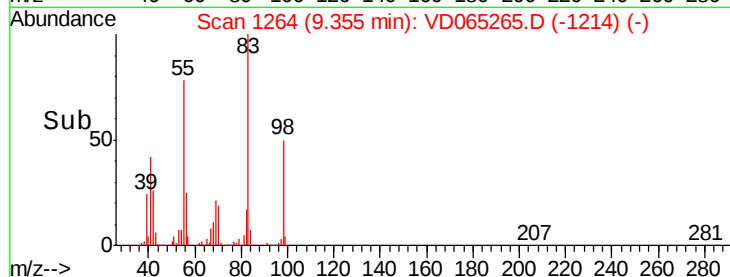
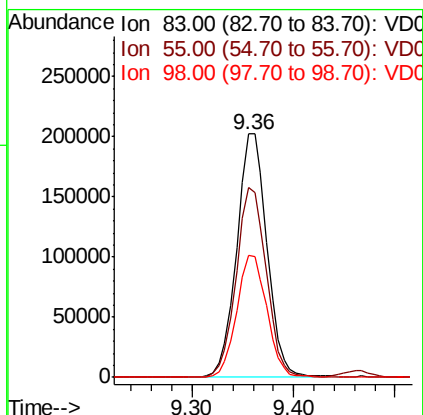
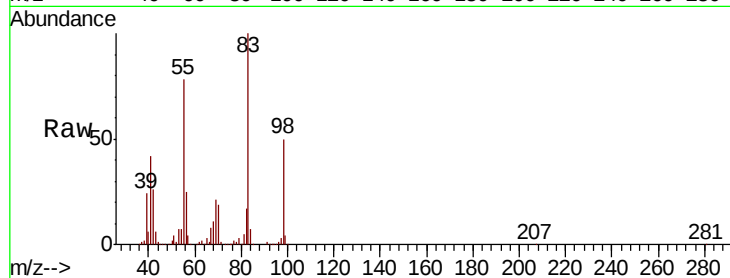




#39
Methvlcvclohexane
Concen: 49.329 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

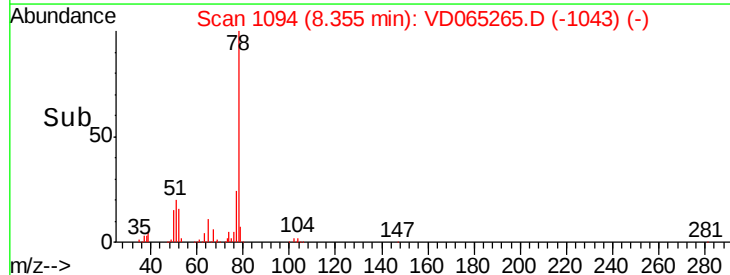
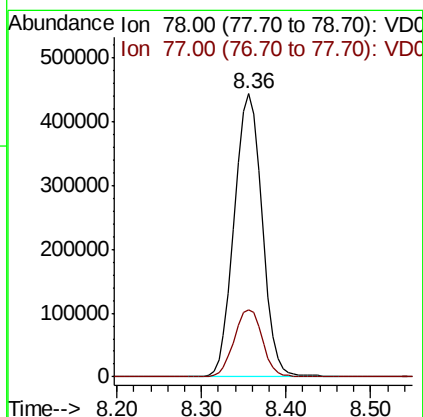
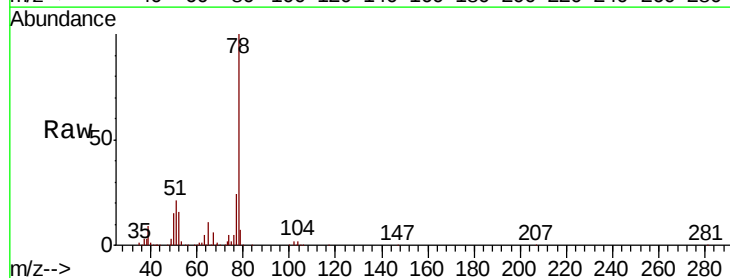
Instrument :
MSVOA_D
ClientSampled :

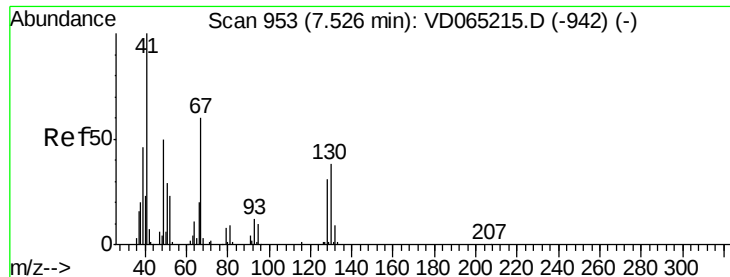
Tot Ion: 83 Resp: 420961
Ion Ratio Lower Upper
83 100
55 77.9 61.8 92.6
98 50.1 39.4 59.0



#40
Benzene
Concen: 49.386 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 78 Resp: 1011855
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

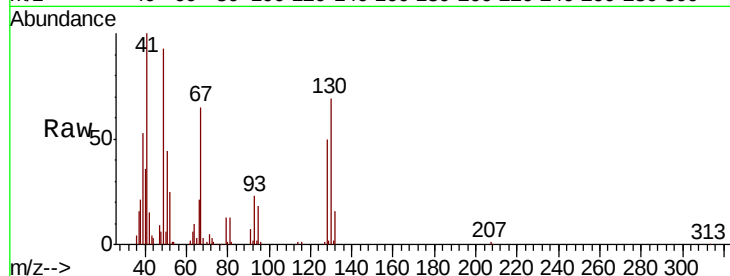




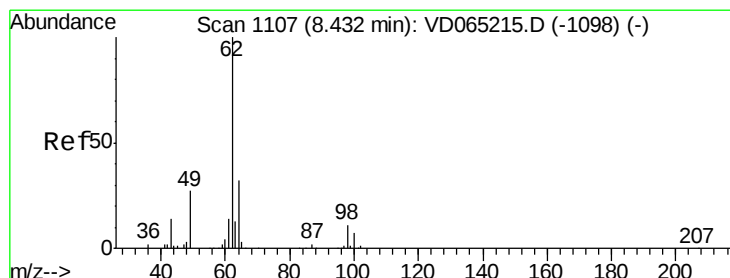
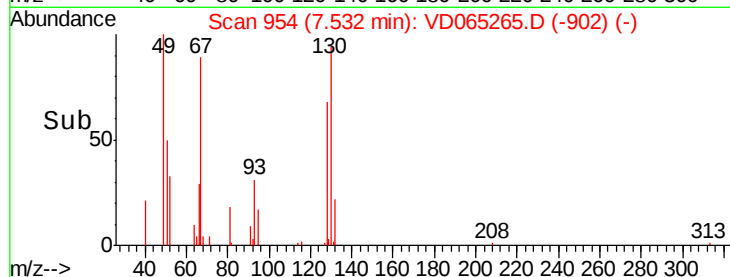
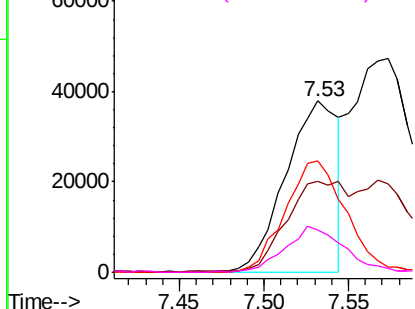
#41
Methacrylonitrile
Concen: 46.686 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	41	Resp:	81799
Ion	Ratio	Lower	Upper
41	100		
39	61.3	48.1	72.1
67	75.9	58.9	88.3
52	30.7	24.2	36.2

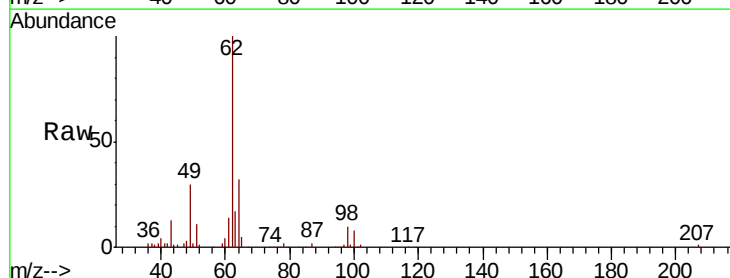


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

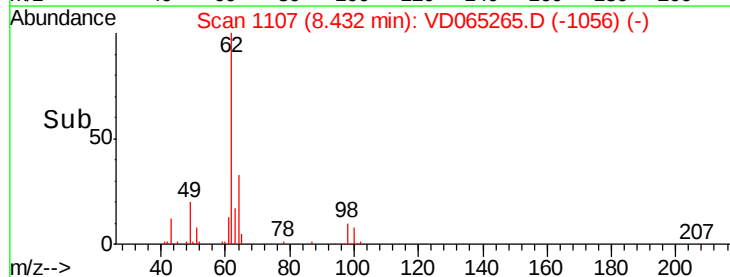
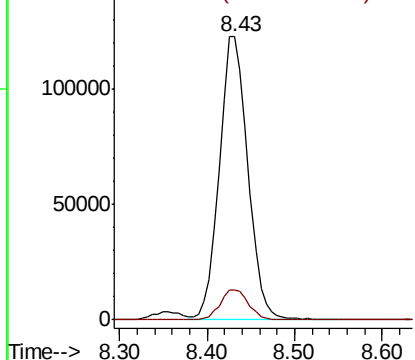


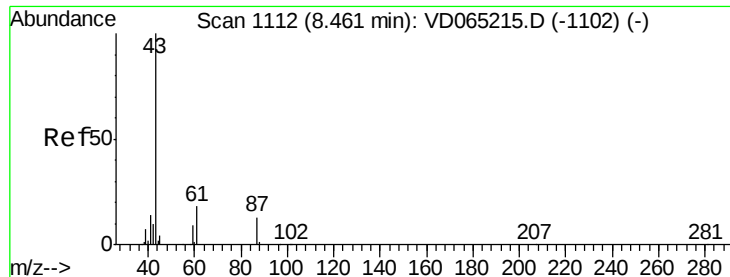
#42
1,2-Dichloroethane
Concen: 48.746 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion:	62	Resp:	274567
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 50.600 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

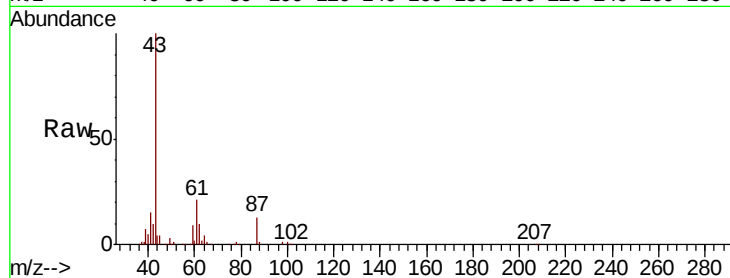
Tot Ion: 43 Resp: 279220

Ion Ratio Lower Upper

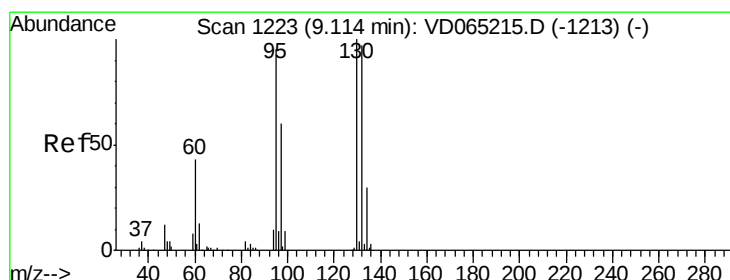
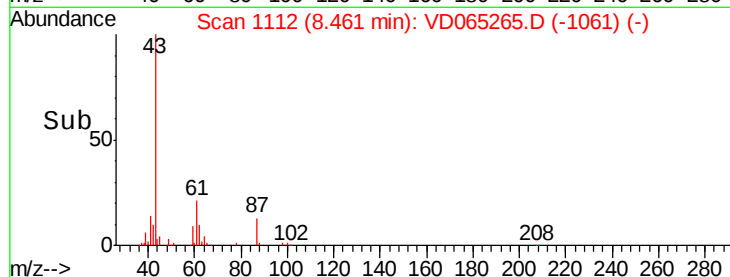
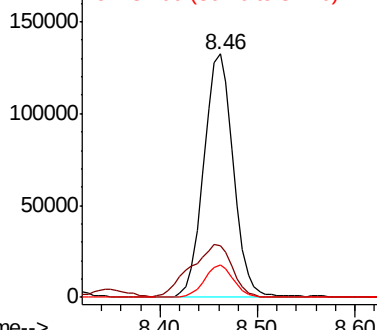
43 100

61 30.8 24.6 36.8

87 13.2 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: 47.937 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065265.D

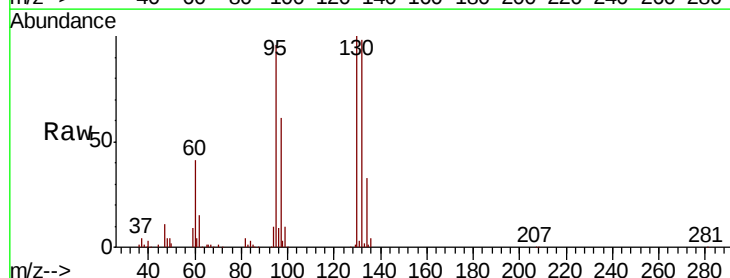
Acq: 20 Feb 2020 19:49

Tgt Ion:130 Resp: 272252

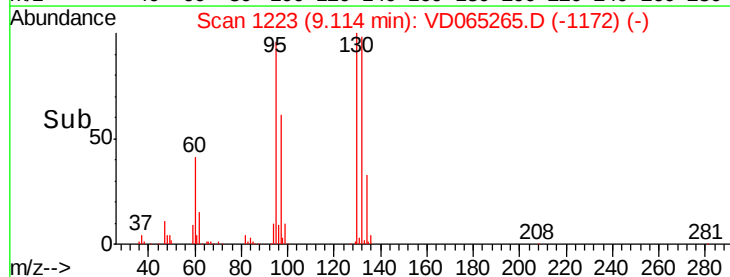
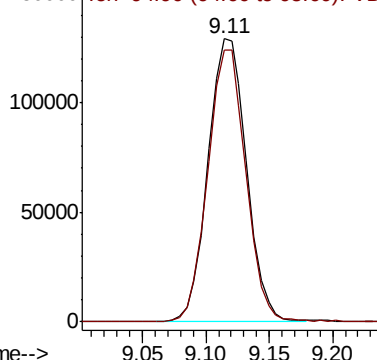
Ion Ratio Lower Upper

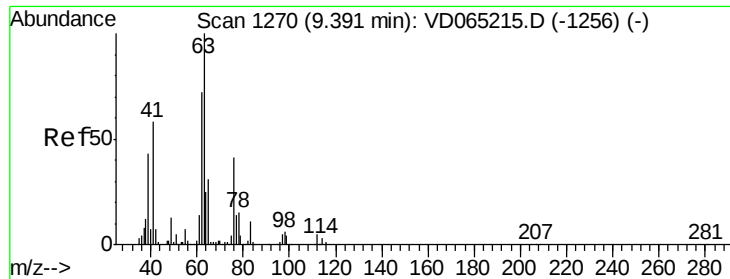
130 100

95 96.0 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: 50.117 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

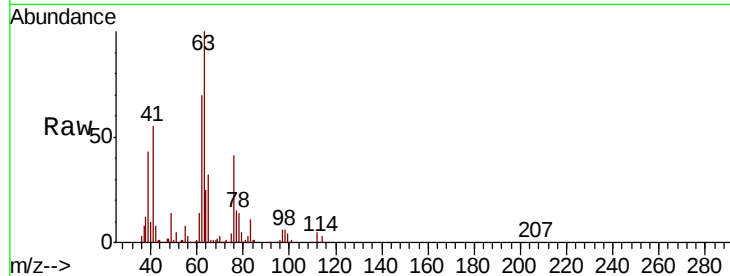
ClientSampled :

Tot Ion: 63 Resp: 255332

Ion Ratio Lower Upper

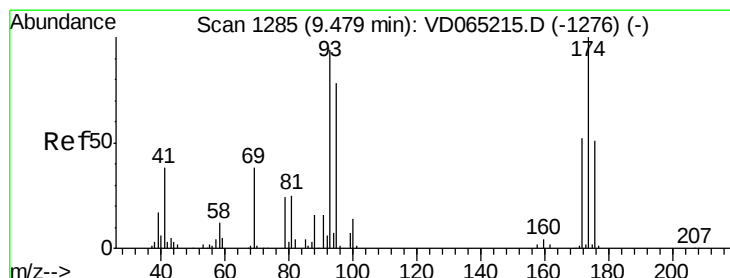
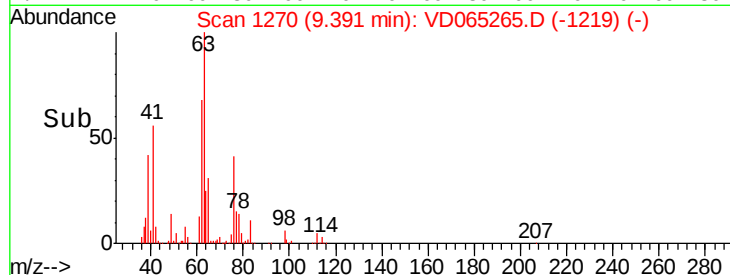
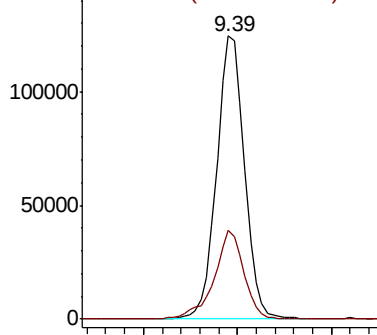
63 100

65 31.5 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.294 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

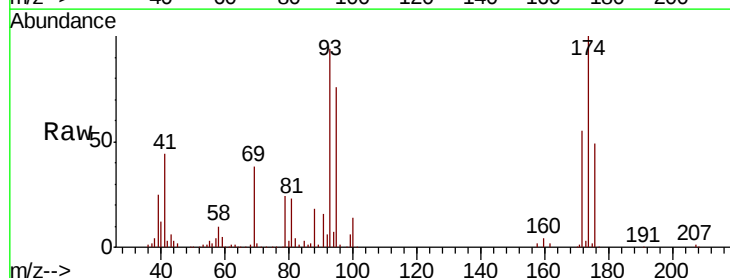
Tgt Ion: 93 Resp: 131838

Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

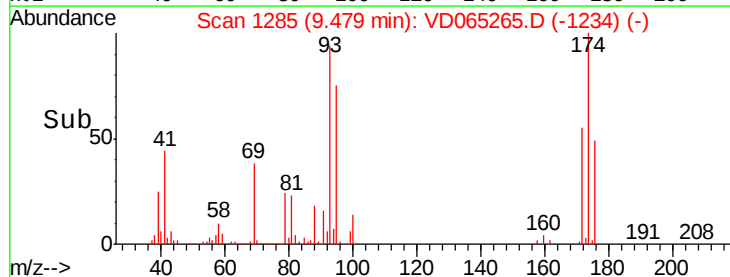
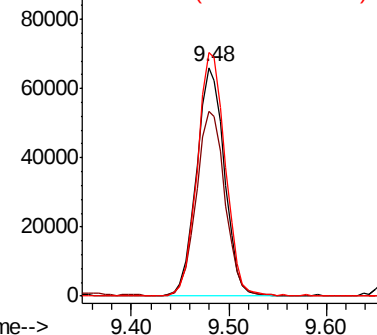
174 106.9 86.8 130.2

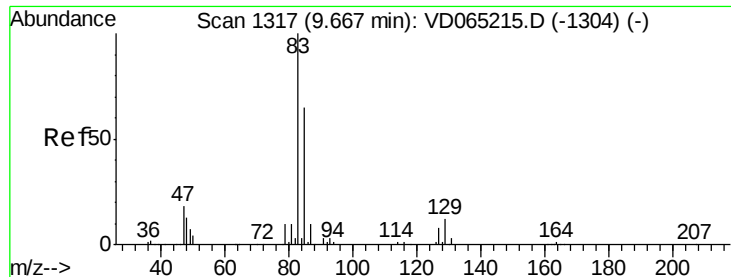


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.859 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

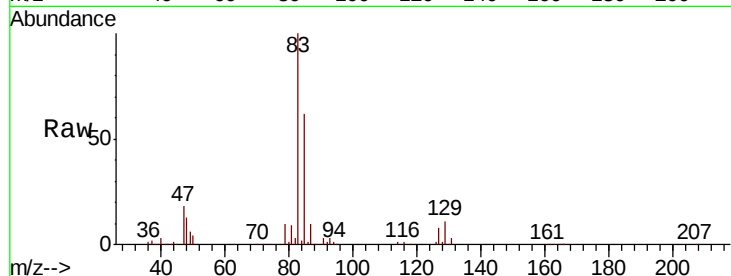
Tot Ion: 83 Resp: 337522

Ion Ratio Lower Upper

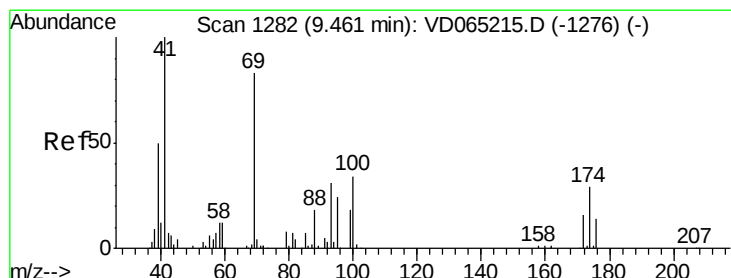
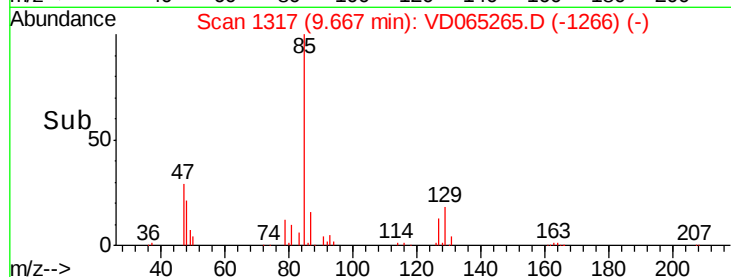
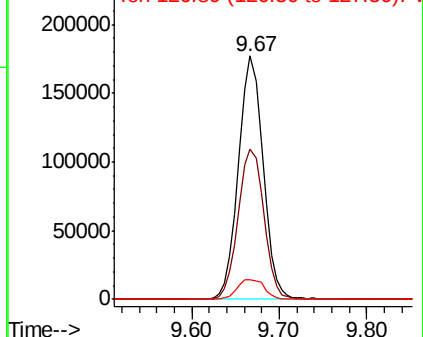
83 100

85 61.9 52.0 78.0

127 8.1 6.7 10.1



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



#48

Methyl methacrylate

Concen: 52.752 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

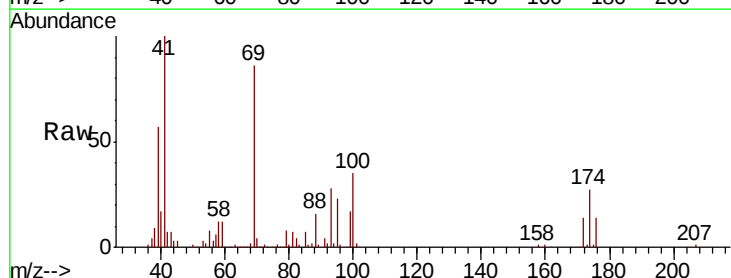
Tgt Ion: 41 Resp: 134553

Ion Ratio Lower Upper

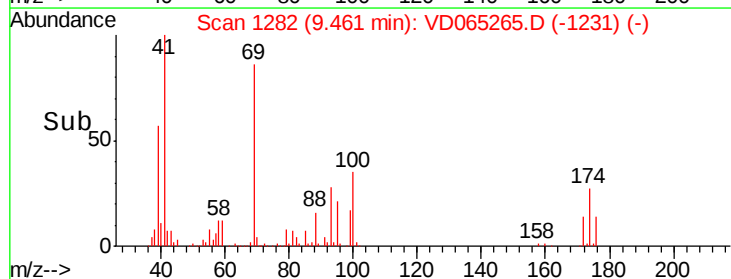
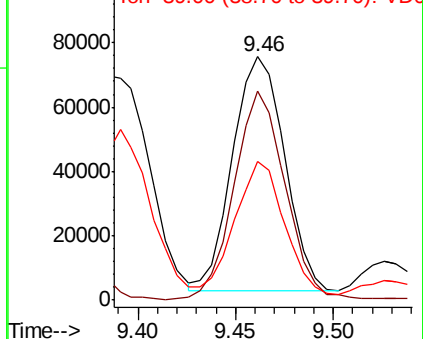
41 100

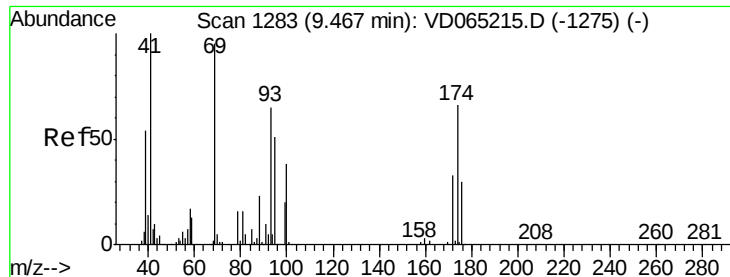
69 88.8 68.2 102.2

39 53.2 42.0 63.0



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

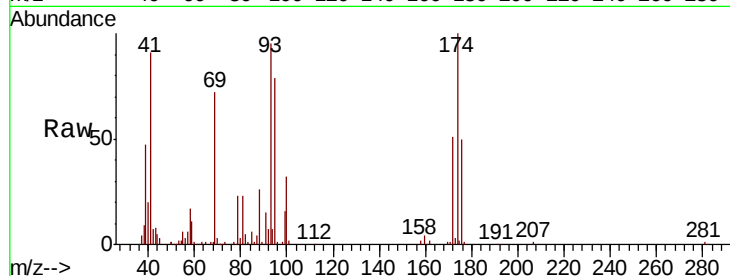




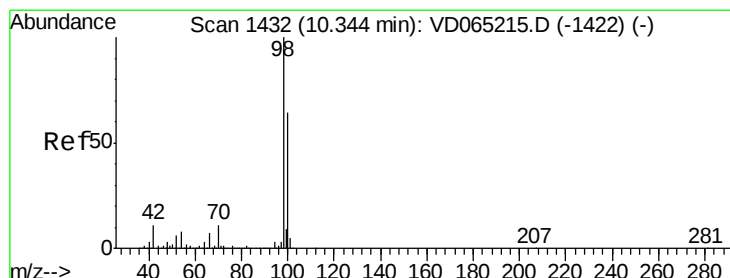
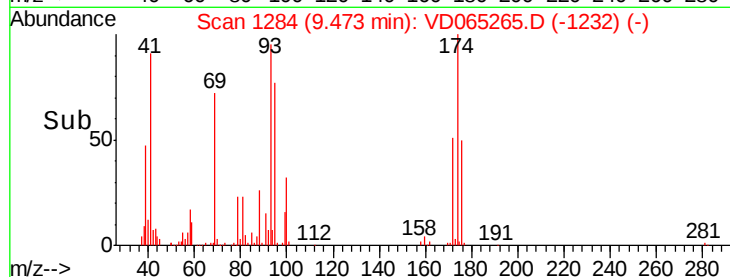
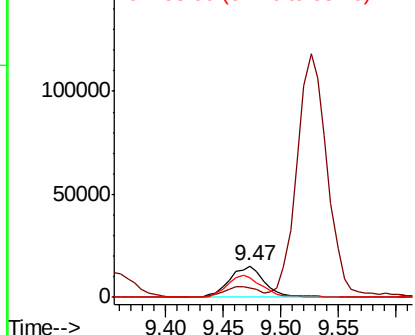
#49
1,4-Dioxane
Concen: 1021.232 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 31397
Ion Ratio Lower Upper
88 100
43 34.9 28.5 42.7
58 69.5 58.6 87.8

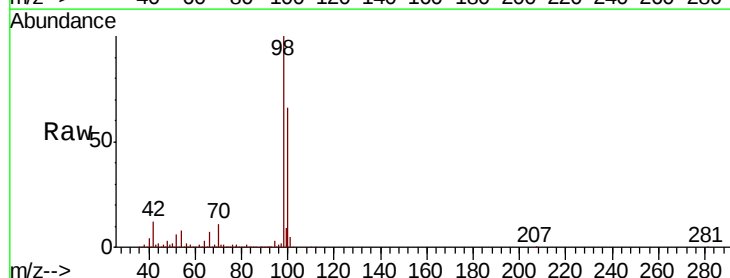


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

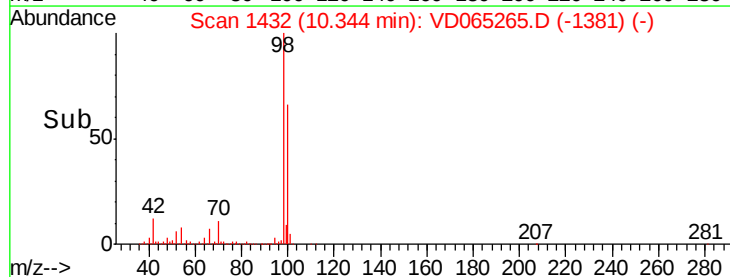
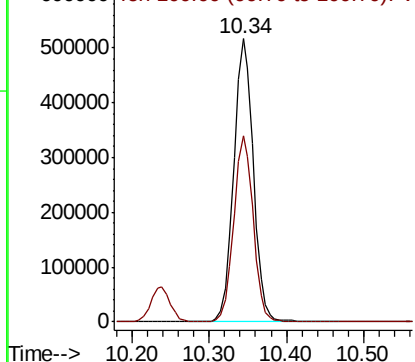


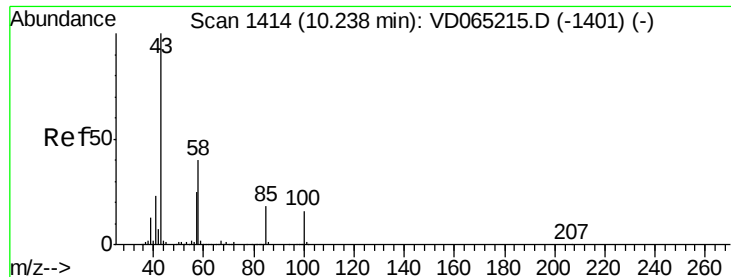
#50
Toluene-d8
Concen: 53.049 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 98 Resp: 922506
Ion Ratio Lower Upper
98 100
100 65.2 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: 254.909 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

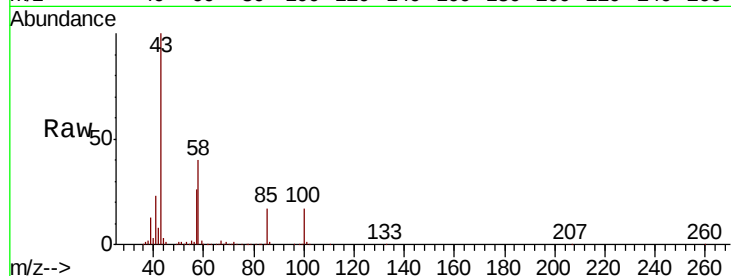
ClientSampleId :

Tot Ion: 43 Resp: 714452

Ion Ratio Lower Upper

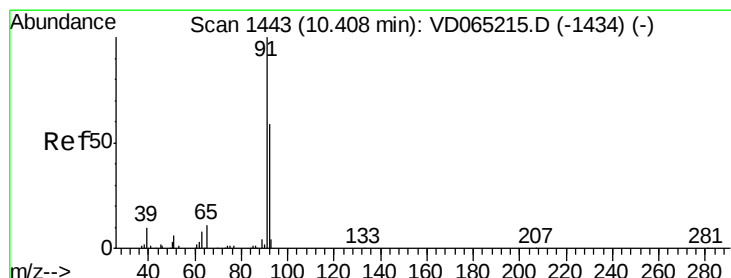
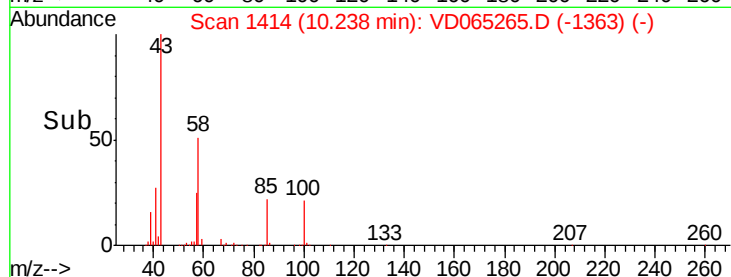
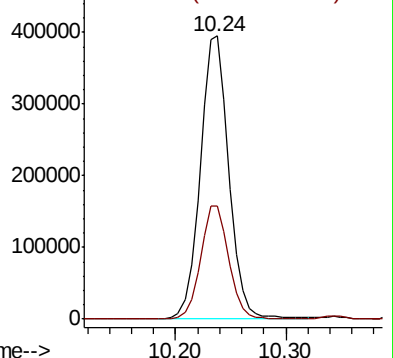
43 100

58 39.6 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.261 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065265.D

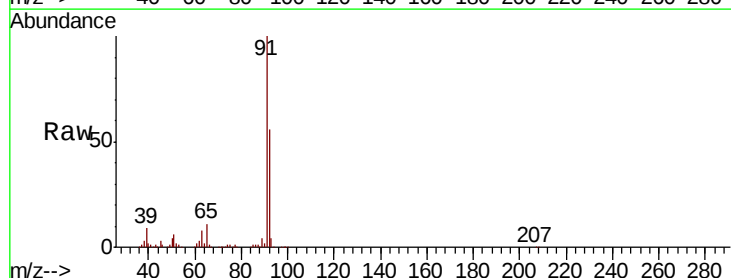
Acq: 20 Feb 2020 19:49

Tgt Ion: 92 Resp: 637421

Ion Ratio Lower Upper

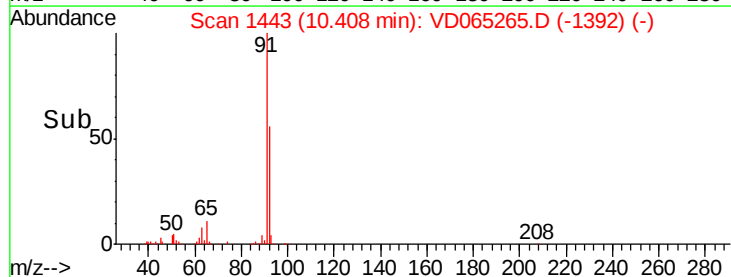
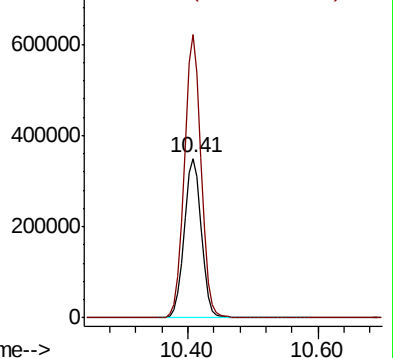
92 100

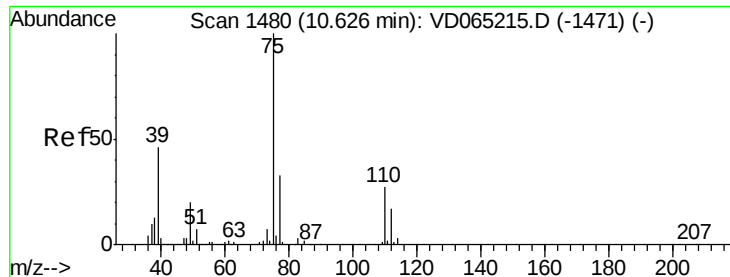
91 173.3 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 51.092 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

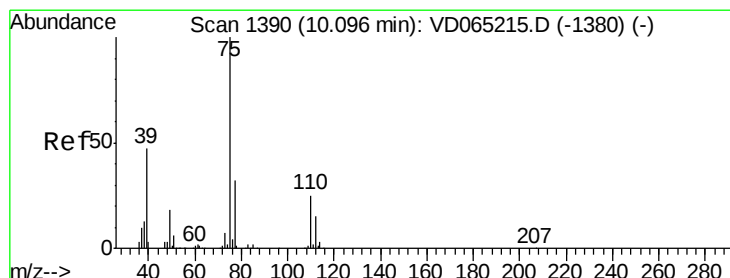
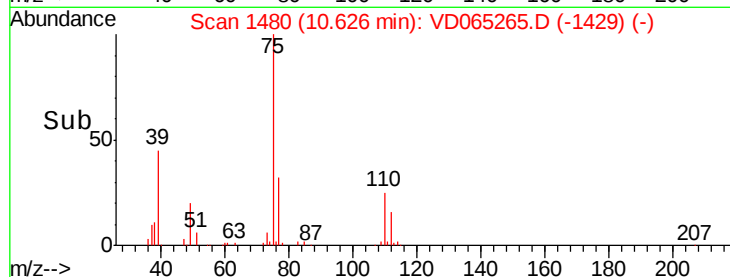
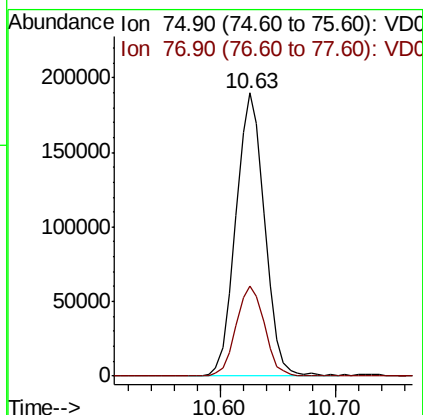
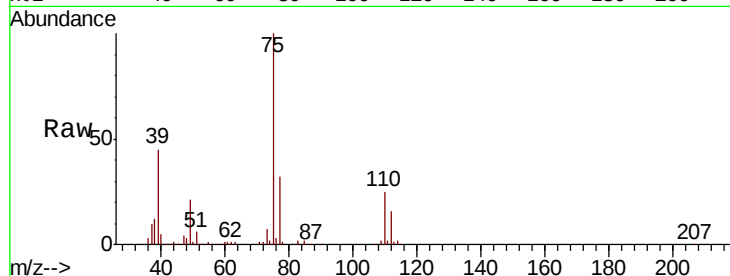
ClientSampleId :

Tot Ion: 75 Resp: 327151

Ion Ratio Lower Upper

75 100

77 31.7 26.6 40.0



#54

cis-1,3-Dichloropropene

Concen: 50.786 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

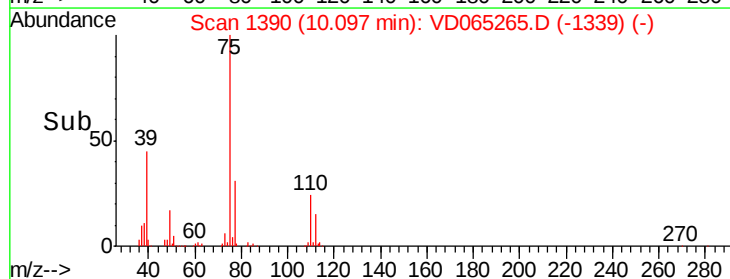
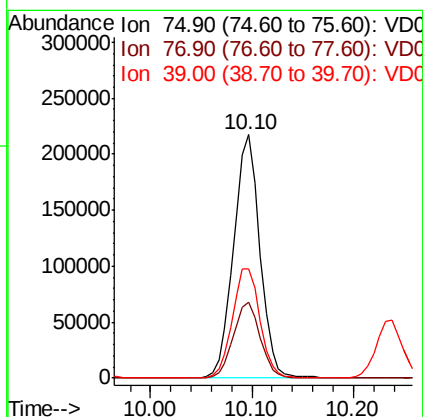
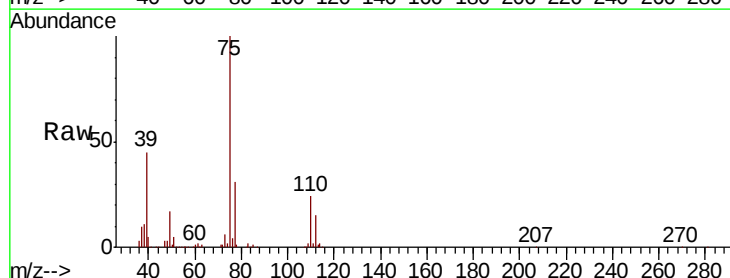
Tgt Ion: 75 Resp: 392685

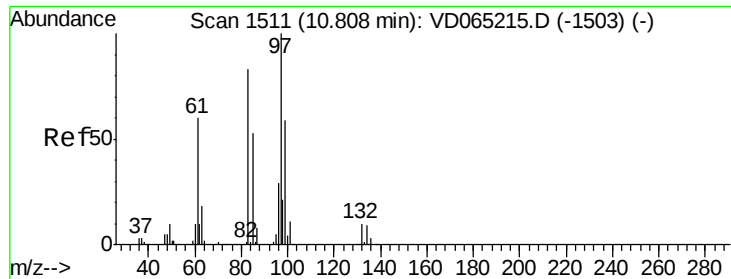
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8

39 44.5 37.3 55.9

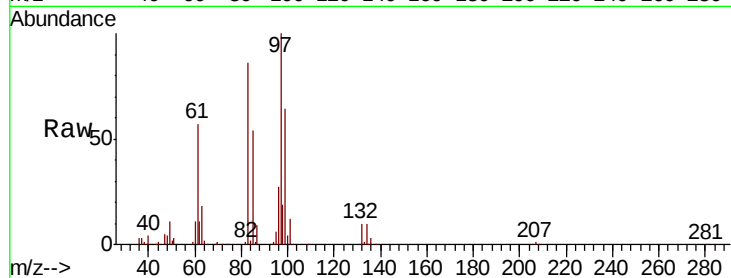




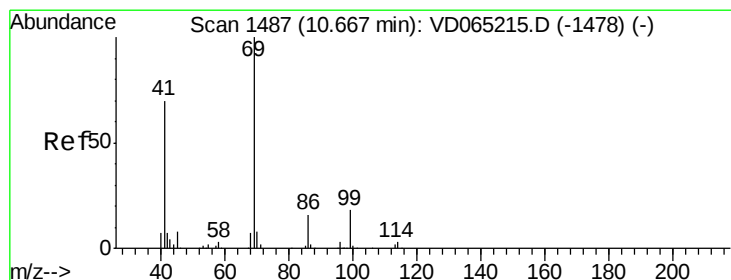
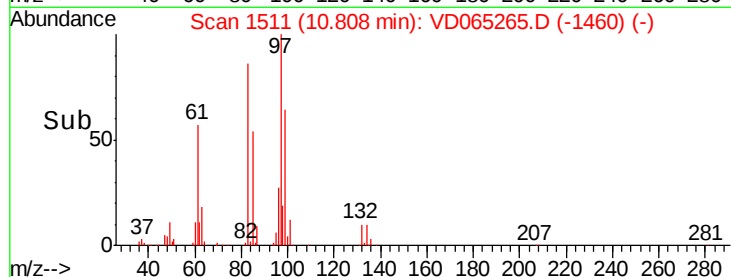
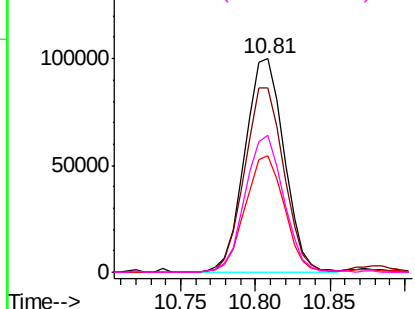
#55
 1,1,2-Trichloroethane
 Concen: 49.527 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	182730
Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.7	100.1
85	54.3	42.4	63.6
99	64.4	47.5	71.3

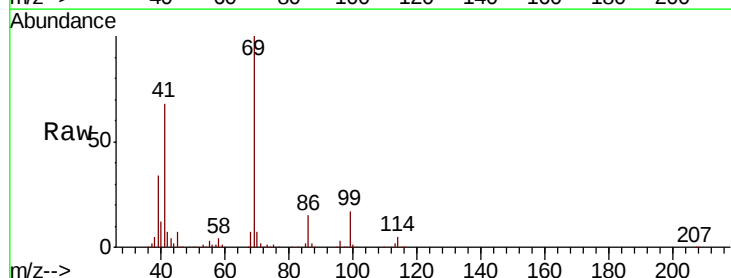


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

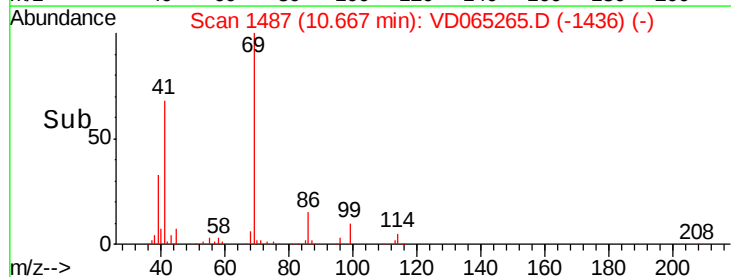
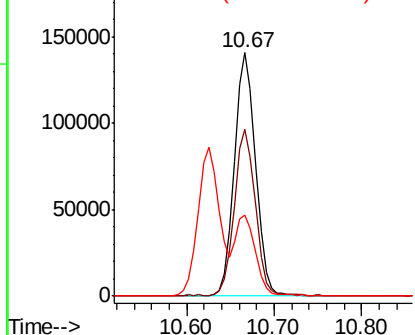


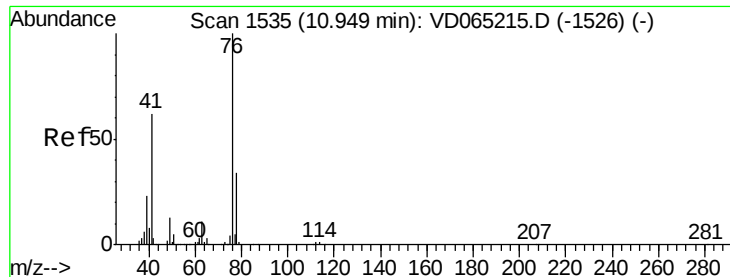
#56
 Ethyl methacrylate
 Concen: 54.202 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

Tgt Ion:	69	Resp:	230821
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.6	81.8
39	31.3	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: 50.732 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

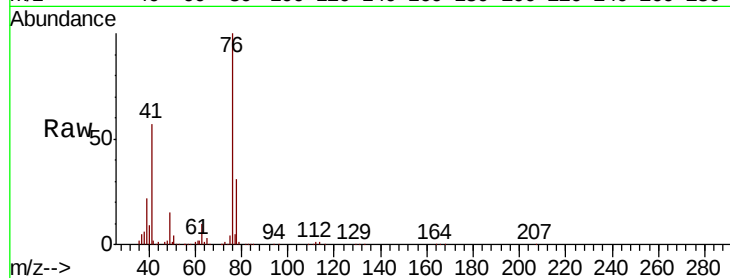
ClientSampleId :

Tot Ion: 76 Resp: 318574

Ion Ratio Lower Upper

76 100

78 31.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

200000

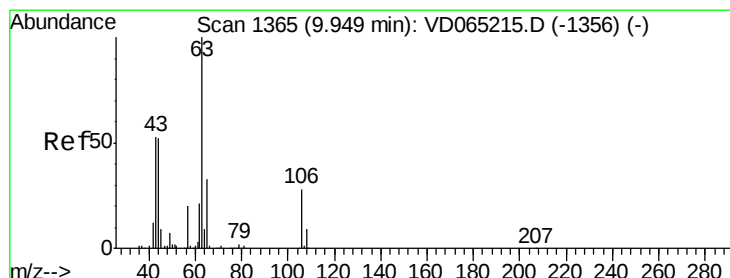
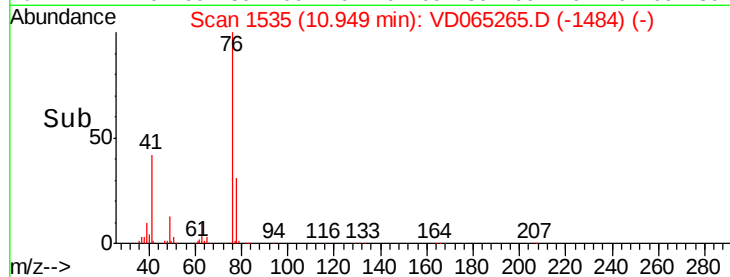
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 233.809 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065265.D

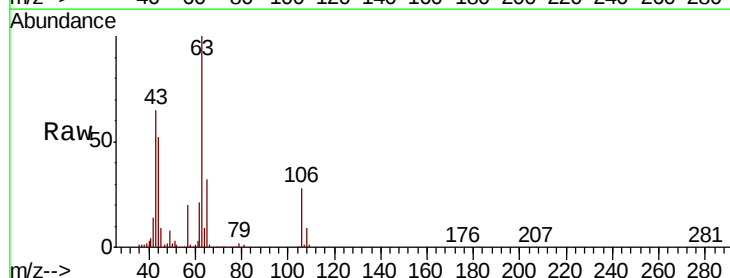
Acq: 20 Feb 2020 19:49

Tgt Ion: 63 Resp: 313911

Ion Ratio Lower Upper

63 100

106 28.6 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.95

200000

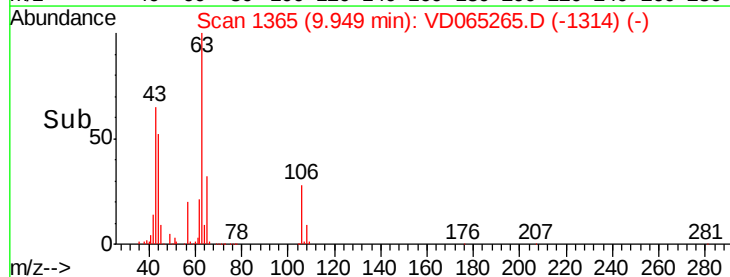
150000

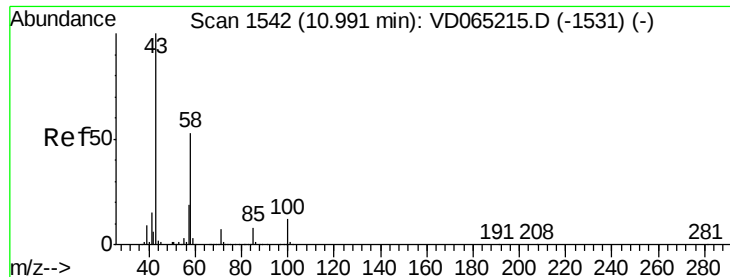
100000

50000

0

Time-->

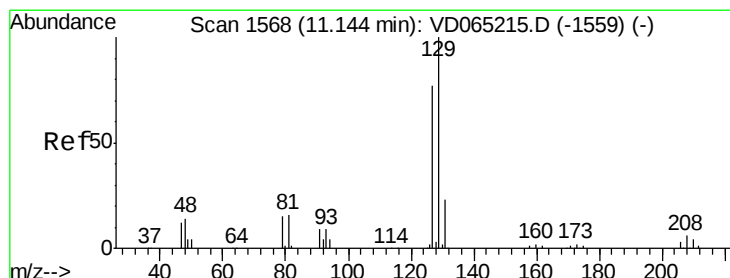
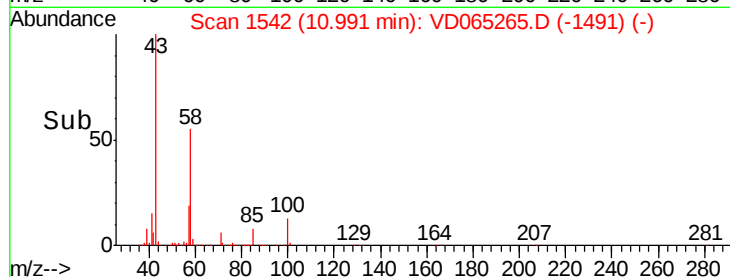
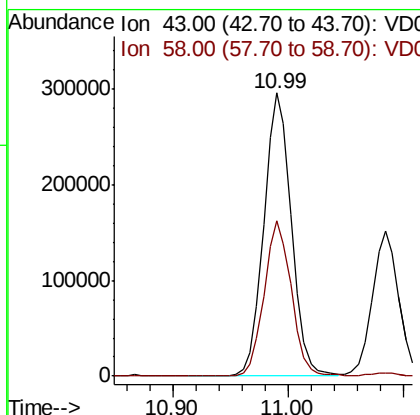
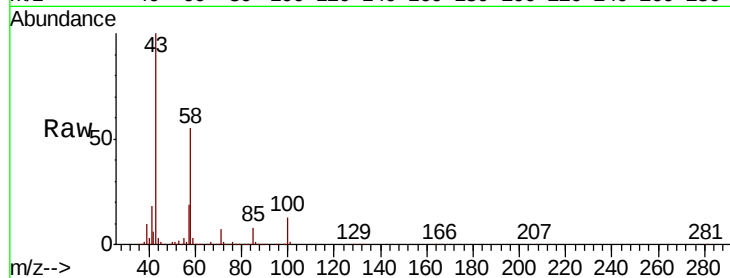




#59
2-Hexanone
Concen: 245.151 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

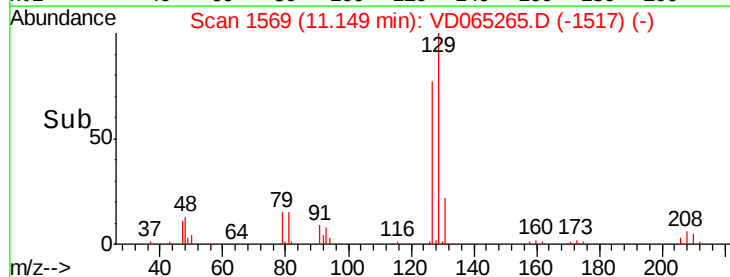
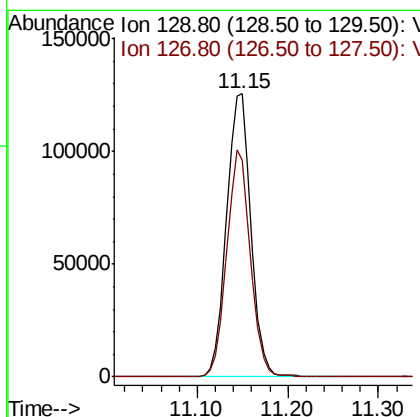
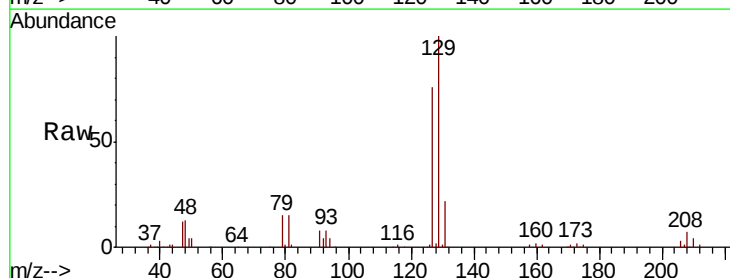
Instrument :
MSVOA_D
ClientSampled :

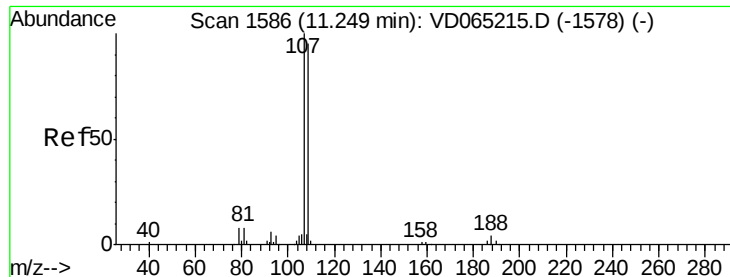
Tot Ion: 43 Resp: 491855
Ion Ratio Lower Upper
43 100
58 54.2 26.3 78.8



#60
Dibromochloromethane
Concen: 49.713 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion: 129 Resp: 234760
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

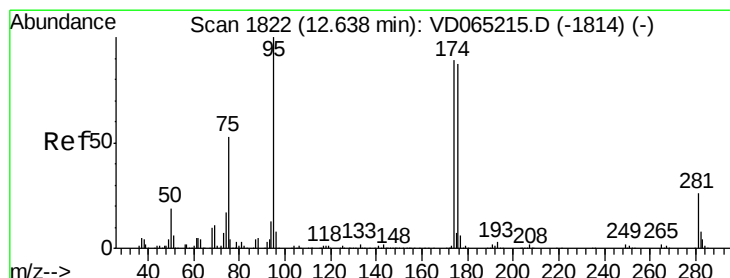
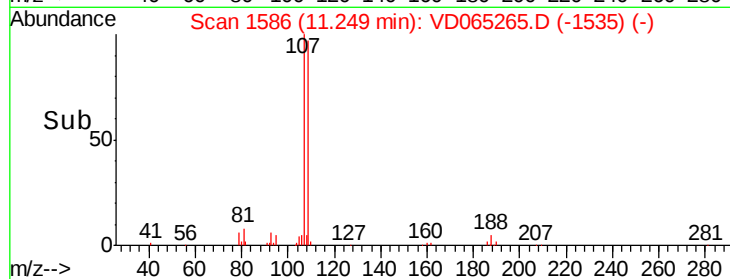
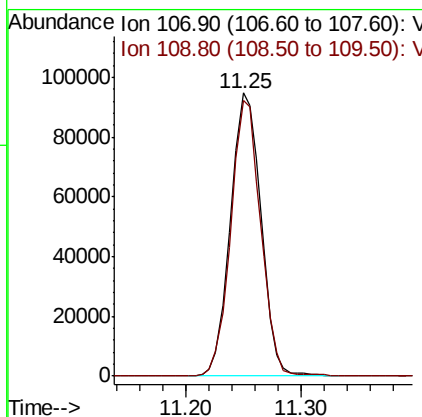
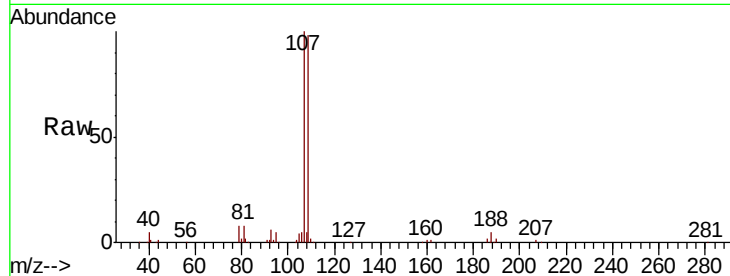




#61
 1,2-Dibromoethane
 Concen: 49.755 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

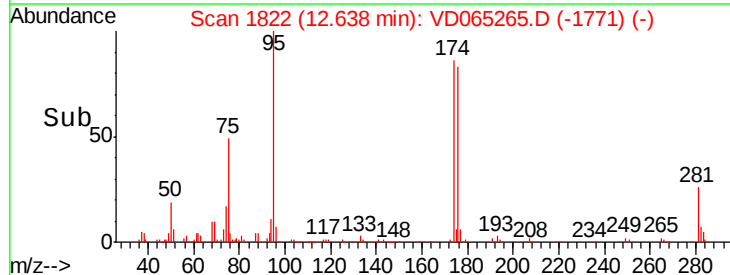
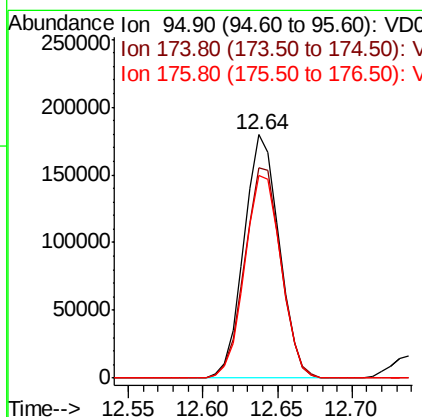
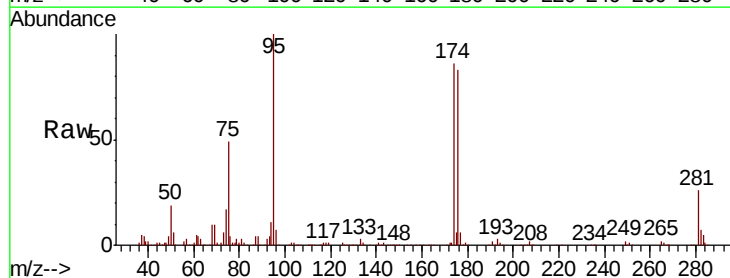
Instrument :
 MSVOA_D
 ClientSampled :

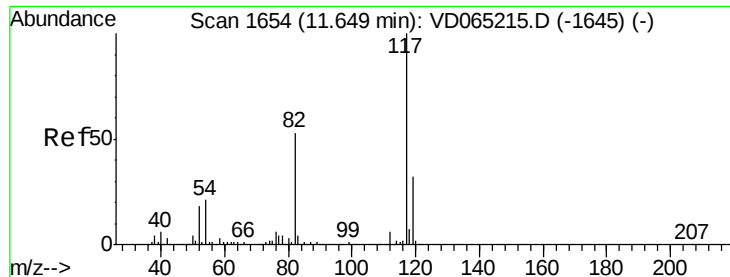
Tot Ion: 107 Resp: 173809
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 53.185 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

Tgt Ion: 95 Resp: 292994
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 178.0
 176 86.2 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: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

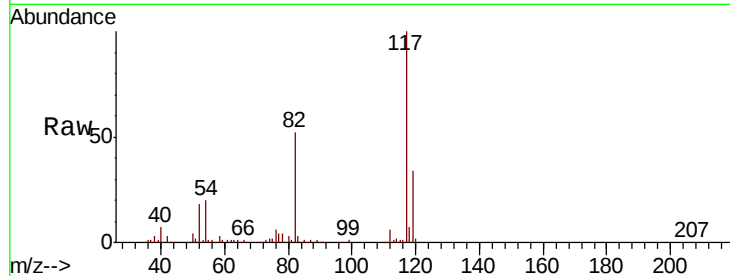
Tot Ion:117 Resp: 685882

Ion Ratio Lower Upper

117 100

82 52.5 42.7 64.1

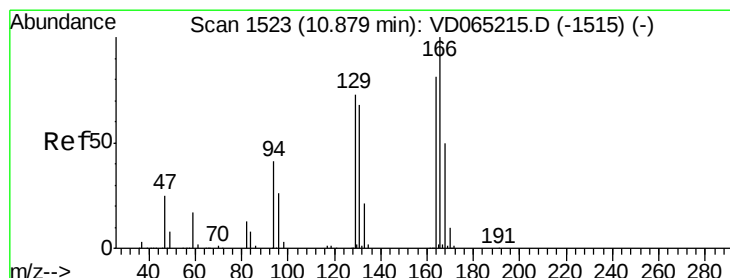
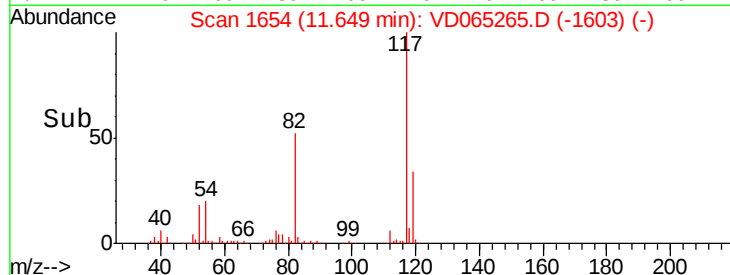
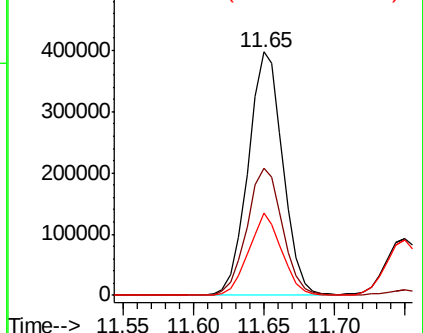
119 33.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.408 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Tgt Ion:164 Resp: 235481

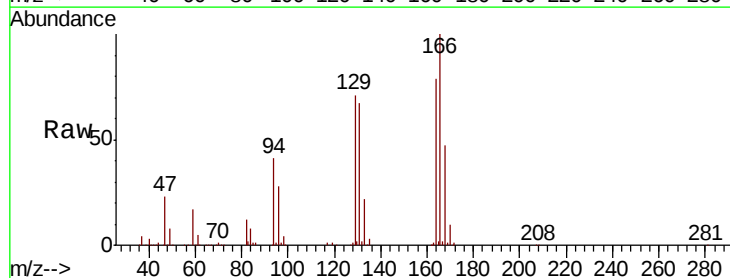
Ion Ratio Lower Upper

164 100

166 127.1 98.4 147.6

129 89.6 71.6 107.4

131 84.7 67.3 100.9

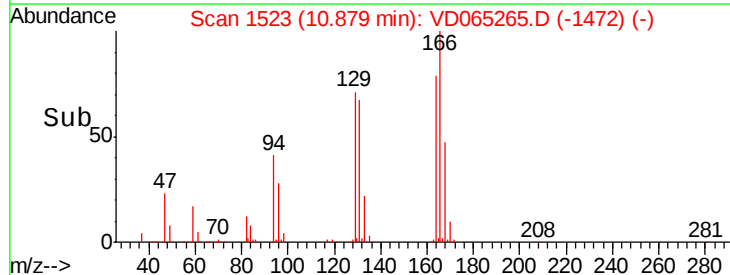
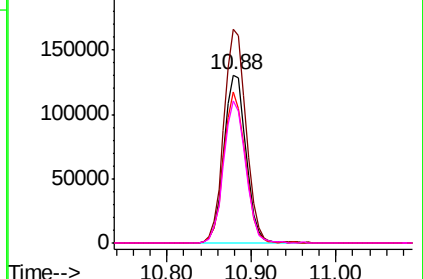


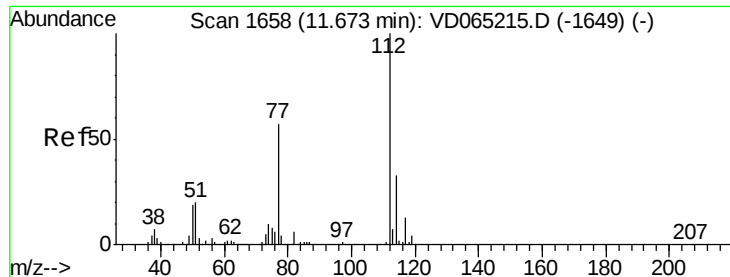
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

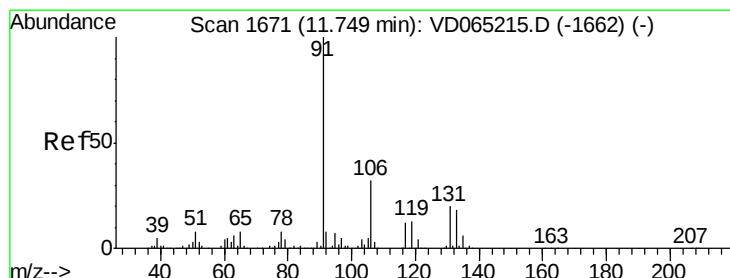
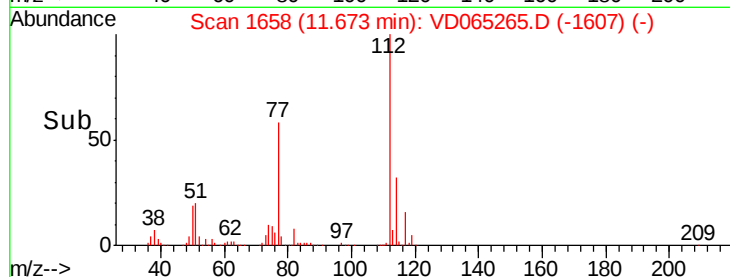
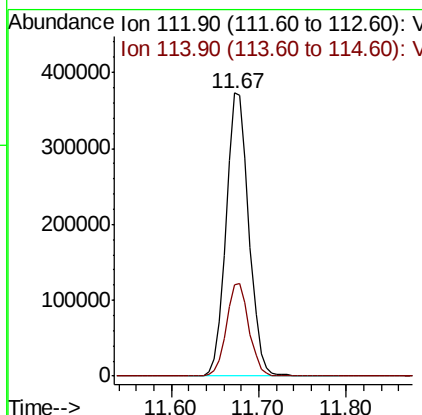
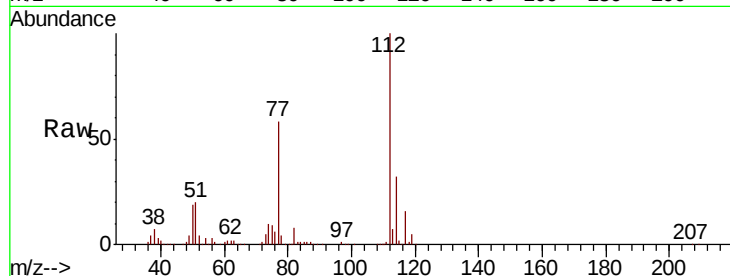




#65
Chlorobenzene
Concen: 48.207 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

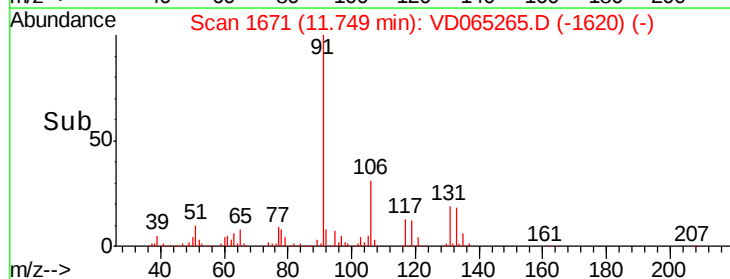
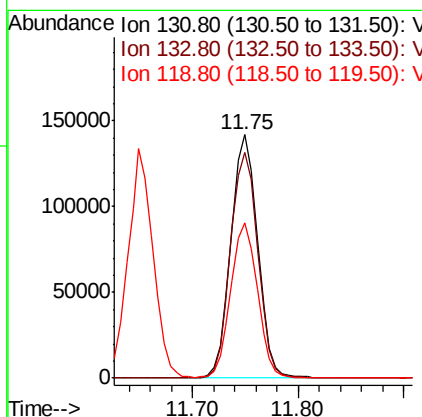
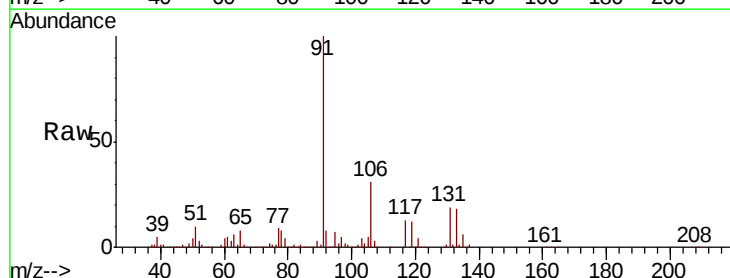
Instrument :
MSVOA_D
ClientSampleId :

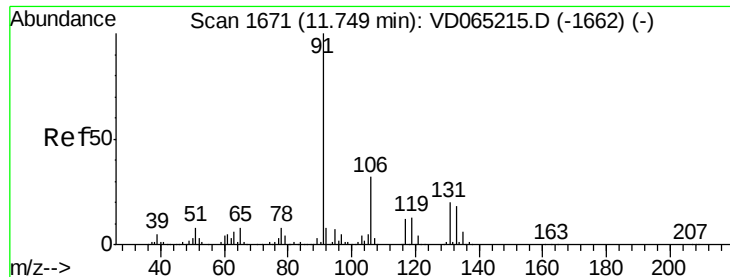
Tot Ion:112 Resp: 663512
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.298 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion:131 Resp: 248076
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 63.3 32.7 98.1





#67

Ethyl Benzene

Concen: 49.489 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

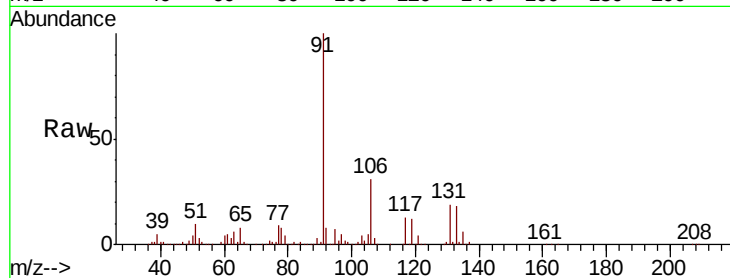
ClientSampleId :

Tot Ion: 91 Resp: 1192995

Ion Ratio Lower Upper

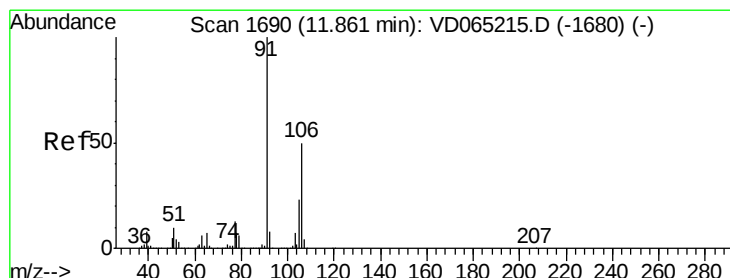
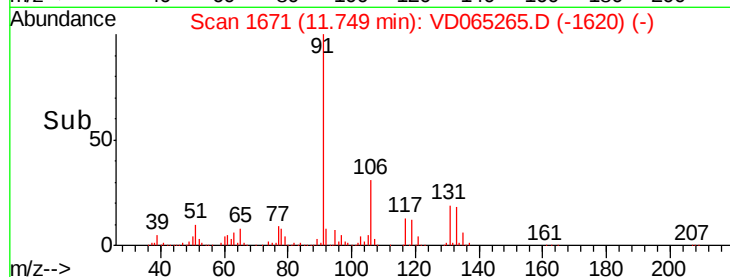
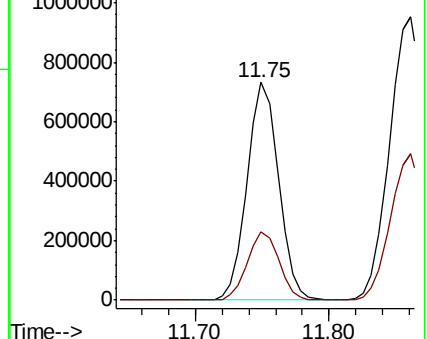
91 100

106 31.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 99.247 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065265.D

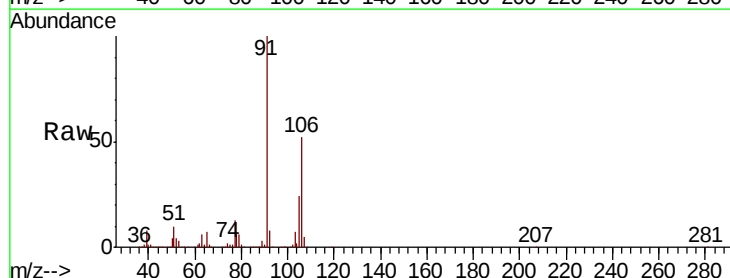
Acq: 20 Feb 2020 19:49

Tgt Ion: 106 Resp: 915330

Ion Ratio Lower Upper

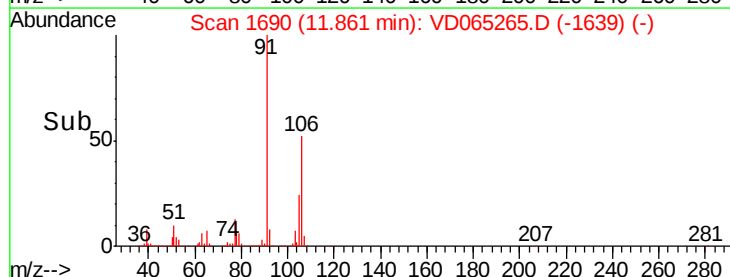
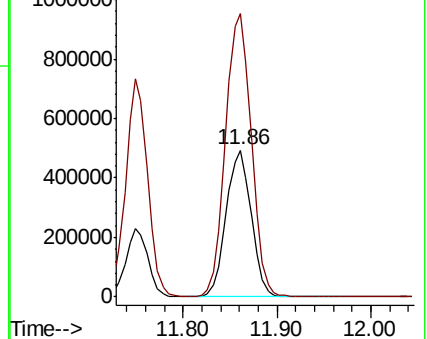
106 100

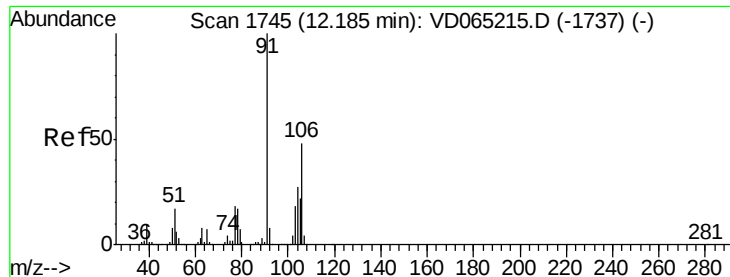
91 199.1 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

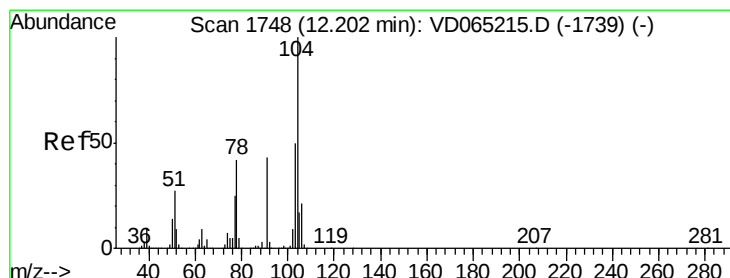
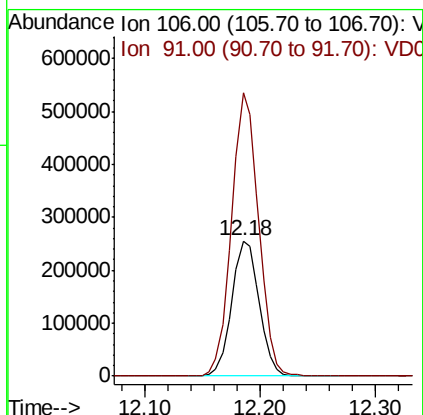
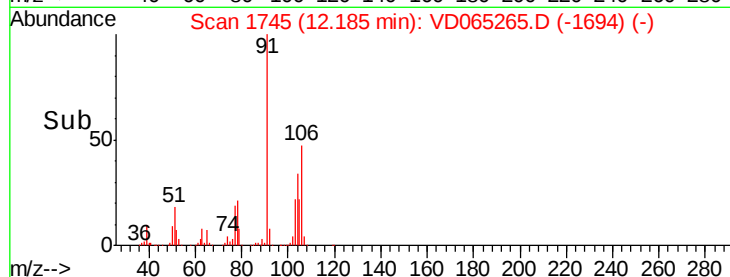
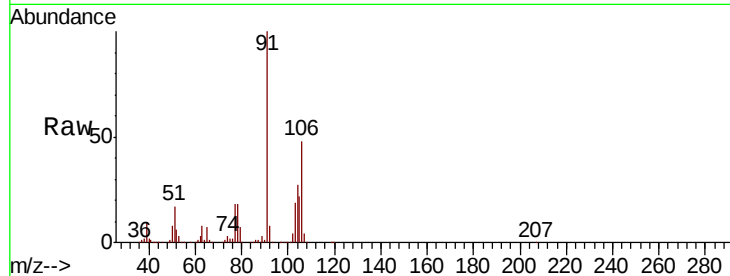




#69
o-Xylene
Concen: 51.372 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

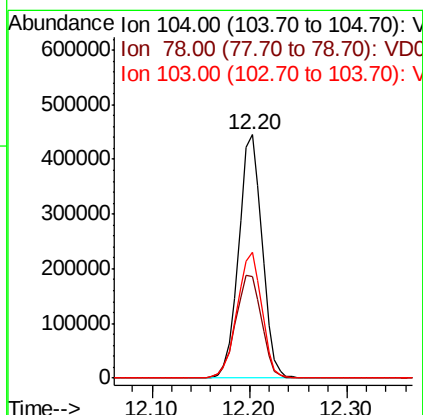
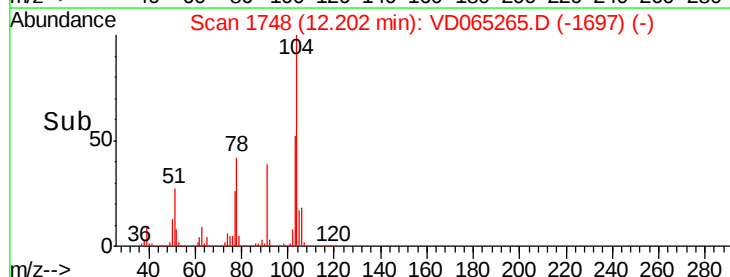
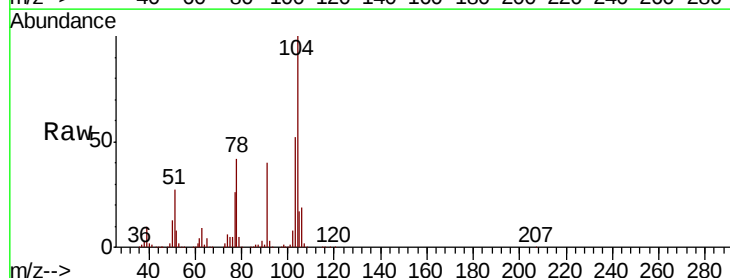
Instrument :
MSVOA_D
ClientSampleID :

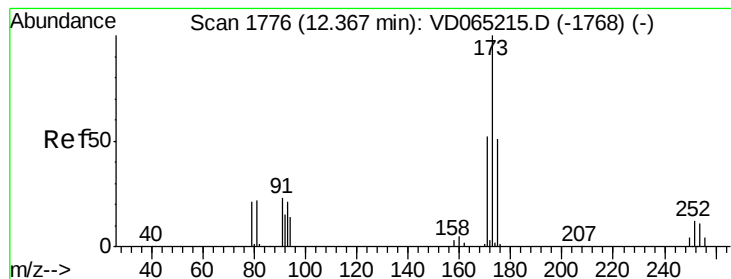
Tot Ion:106 Resp: 419755
Ion Ratio Lower Upper
106 100
91 206.9 104.7 313.9



#70
Styrene
Concen: 51.182 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion:104 Resp: 742503
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 54.7 43.4 65.2





#71

Bromoform

Concen: 47.360 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampled :

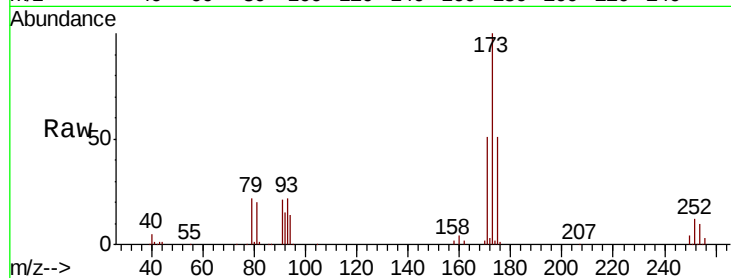
Tot Ion:173 Resp: 134984

Ion Ratio Lower Upper

173 100

175 49.7 24.4 73.4

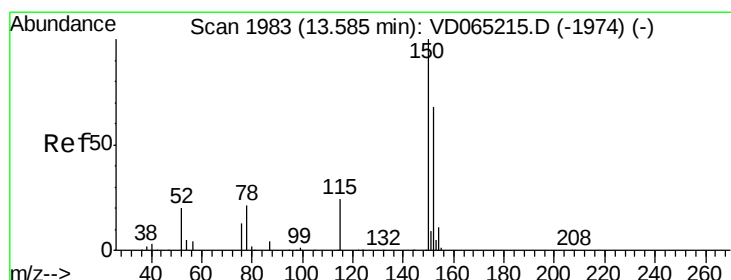
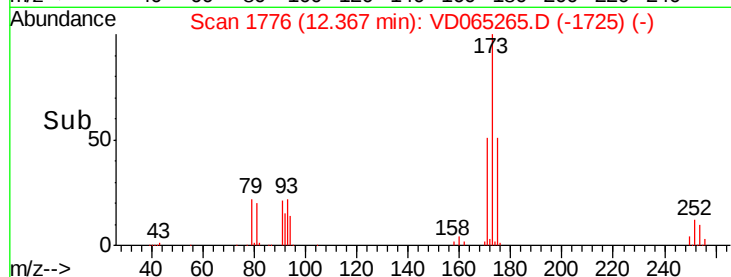
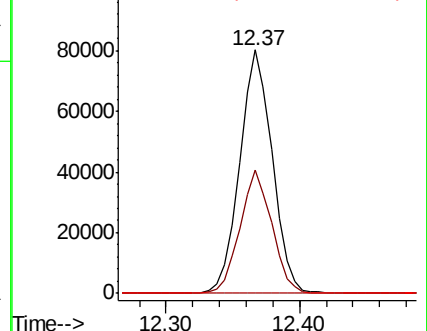
254 0.1 0.0 0.0#



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: VD065265.D

Acq: 20 Feb 2020 19:49

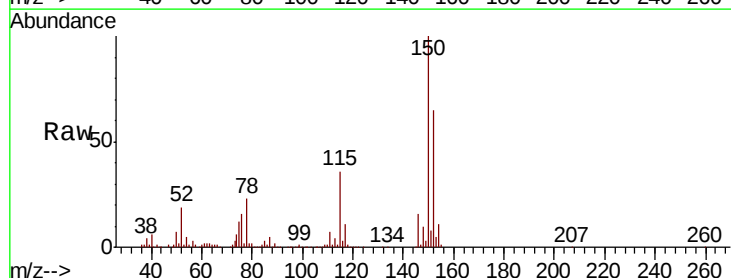
Tgt Ion:152 Resp: 335125

Ion Ratio Lower Upper

152 100

115 55.1 27.6 82.8

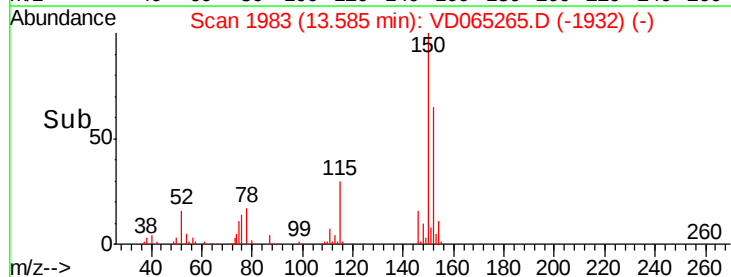
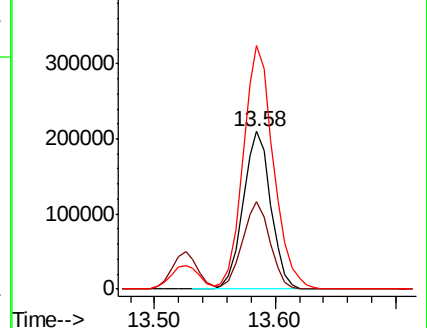
150 168.3 0.0 347.4

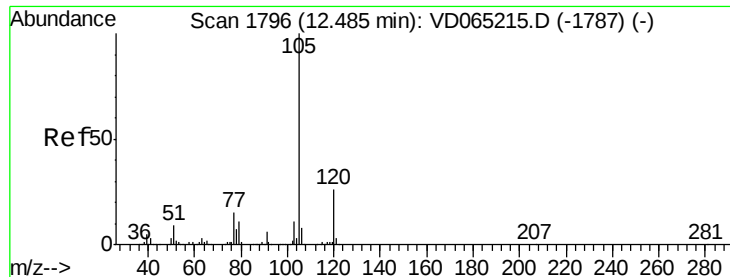


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.462 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

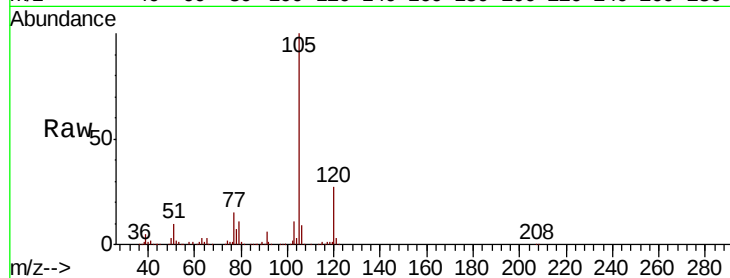
ClientSampleId :

Tot Ion:105 Resp: 1119602

Ion Ratio Lower Upper

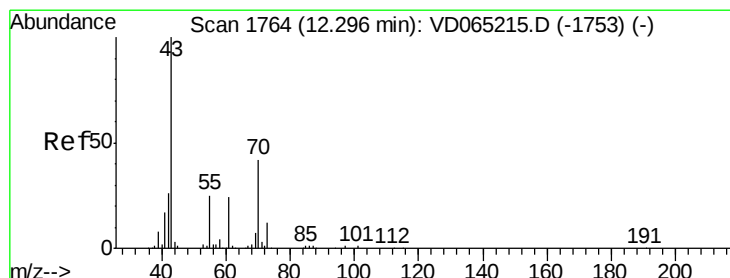
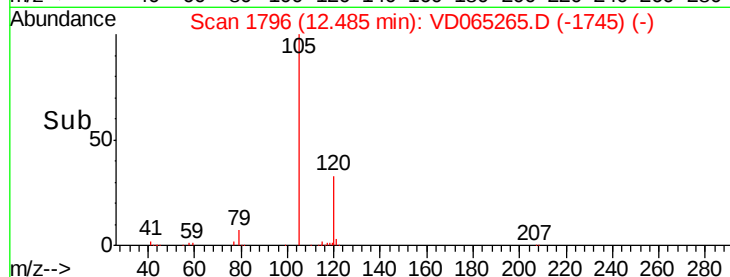
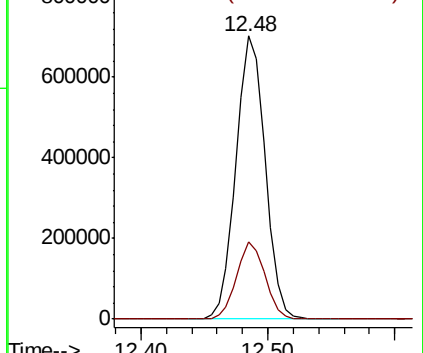
105 100

120 26.7 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: 51.288 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Tgt Ion: 43 Resp: 252852

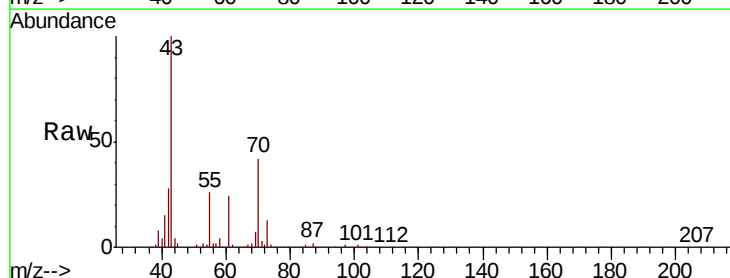
Ion Ratio Lower Upper

43 100

70 43.0 33.7 50.5

55 26.8 20.7 31.1

61 24.2 19.0 28.4

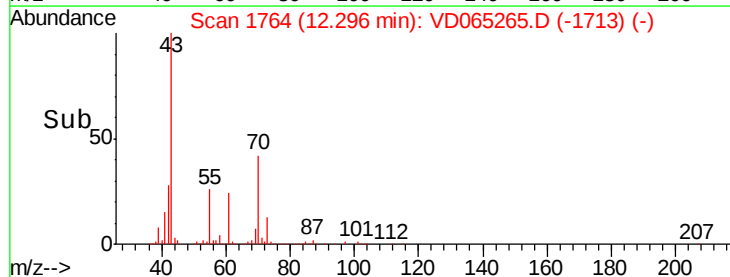
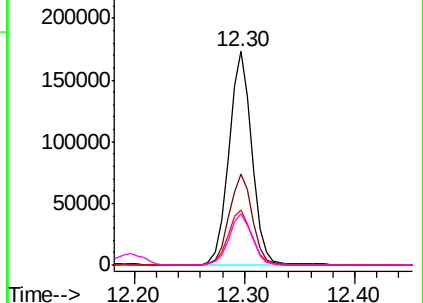


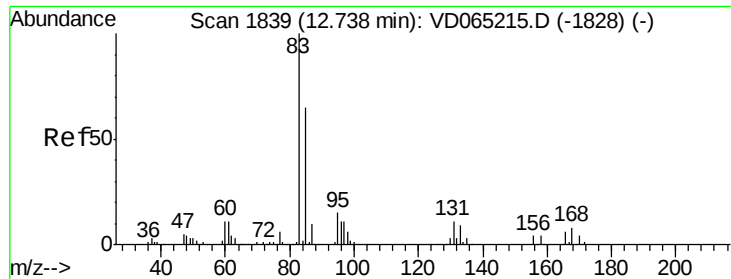
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.335 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

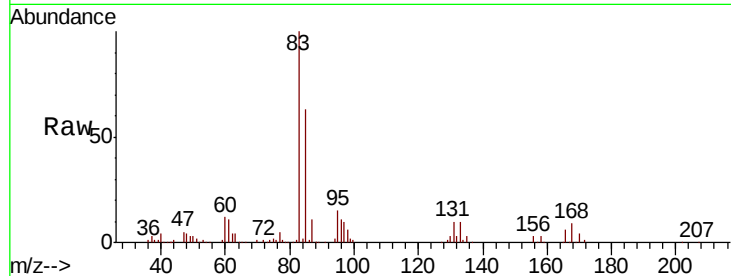
Tot Ion: 83 Resp: 193545

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

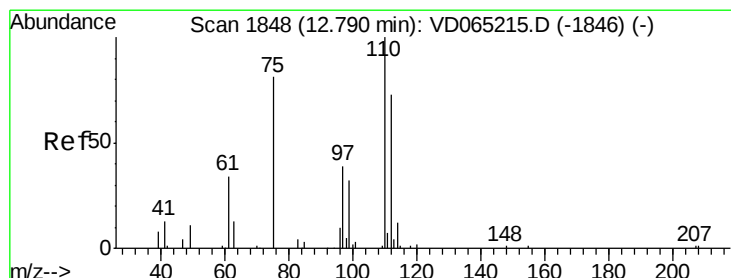
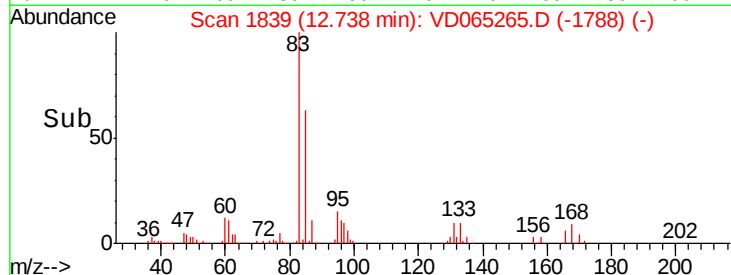
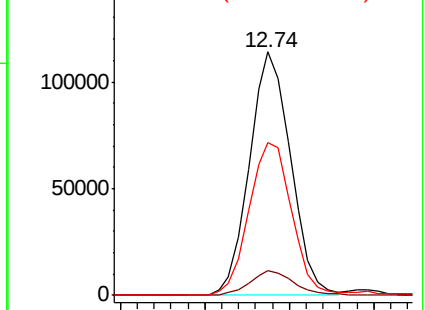
85 64.7 31.6 94.8



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: 88.153 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065265.D

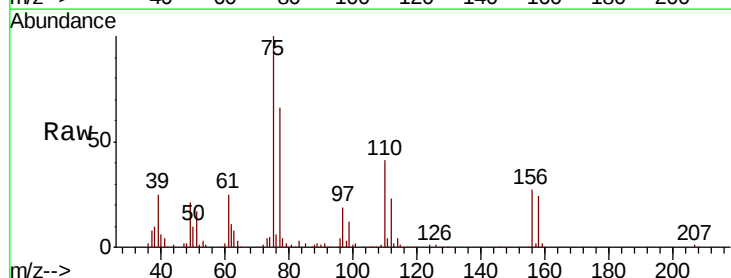
Acq: 20 Feb 2020 19:49

Tgt Ion: 75 Resp: 251355

Ion Ratio Lower Upper

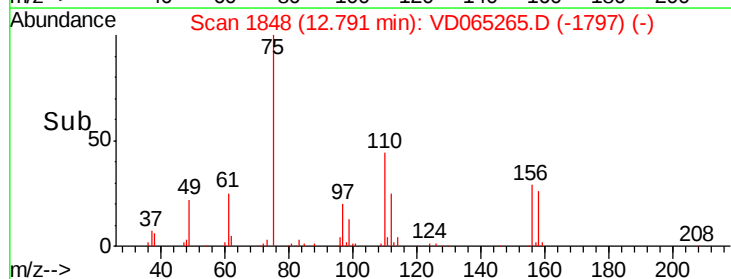
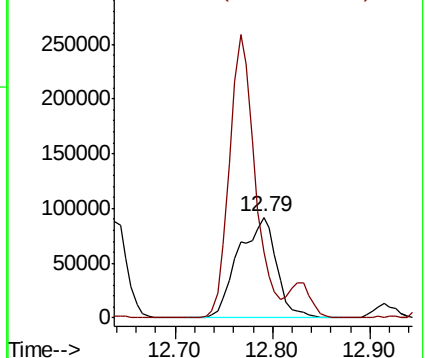
75 100

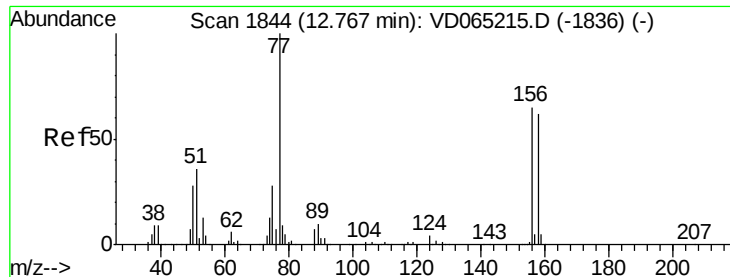
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.773 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

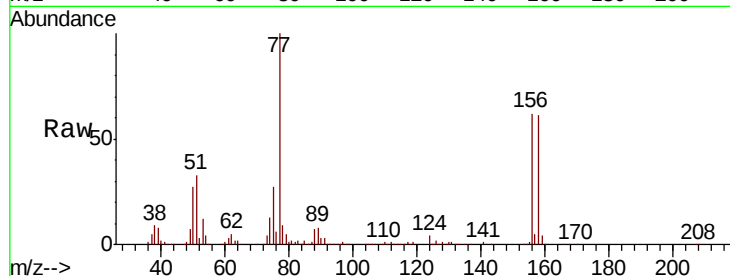
Tot Ion:156 Resp: 274216

Ion Ratio Lower Upper

156 100

77 172.8 86.6 259.7

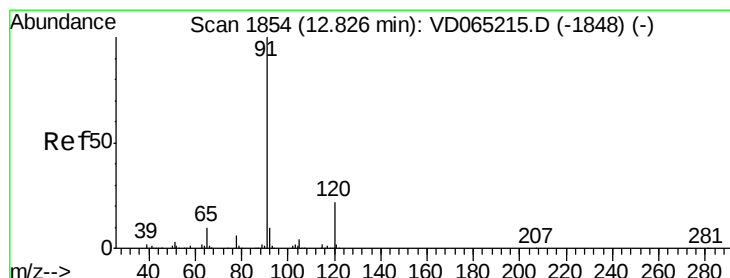
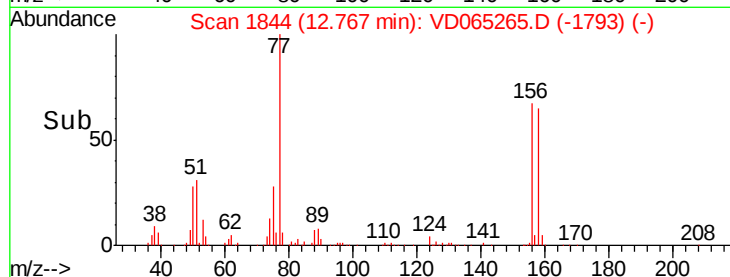
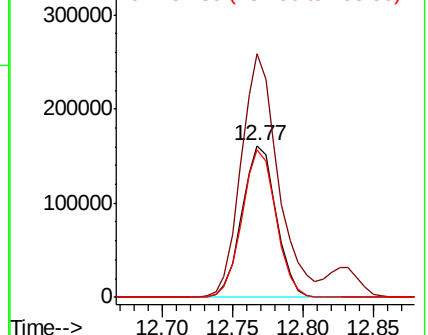
158 96.1 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.240 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065265.D

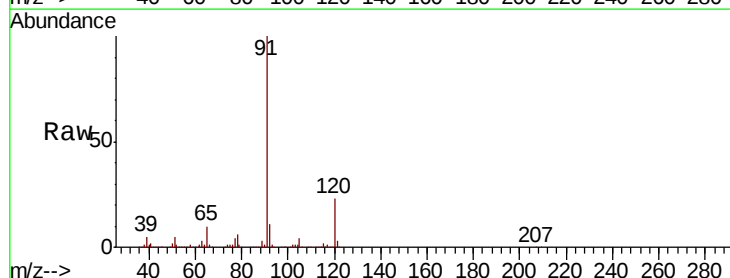
Acq: 20 Feb 2020 19:49

Tgt Ion: 91 Resp: 1339522

Ion Ratio Lower Upper

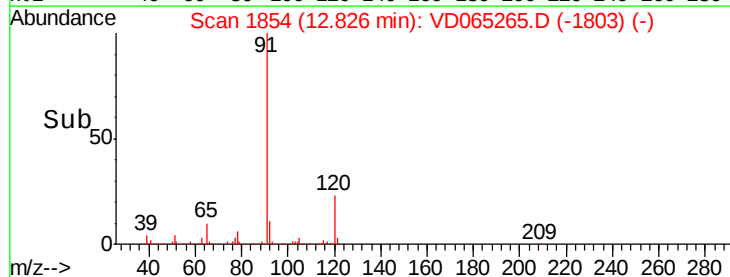
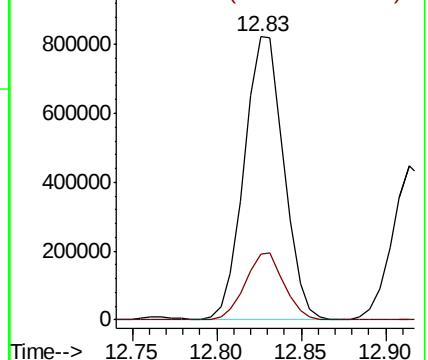
91 100

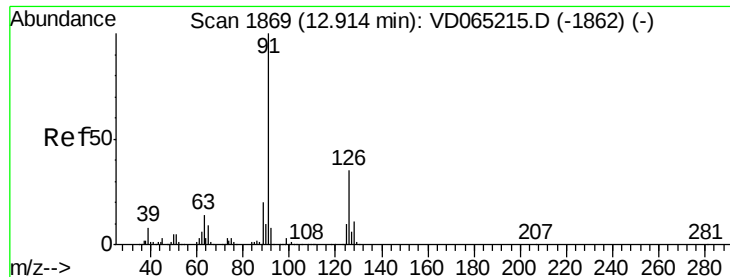
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.228 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

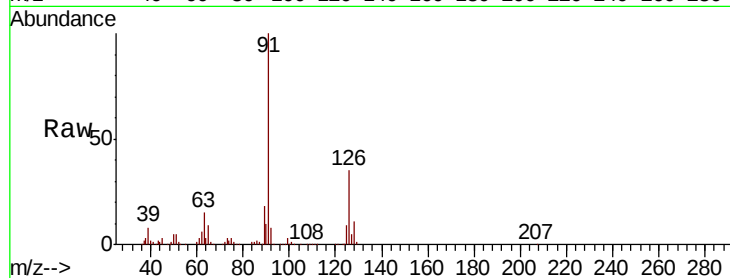
ClientSampleId :

Tot Ion: 91 Resp: 735289

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V

800000

600000

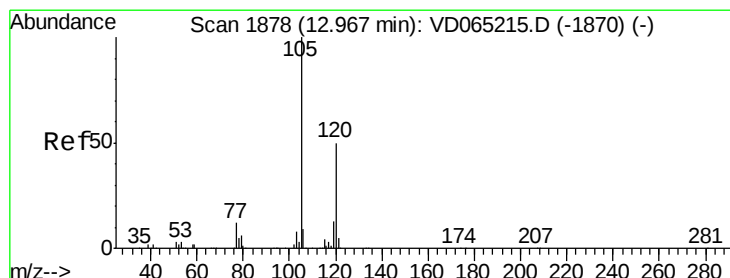
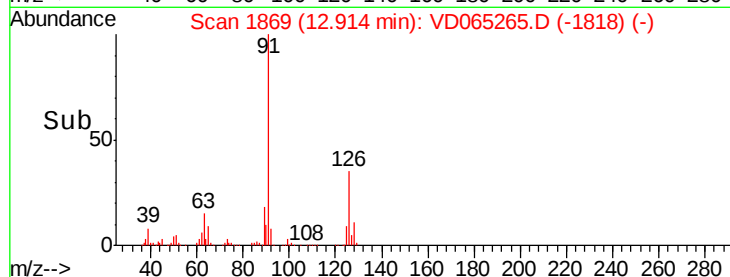
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.574 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065265.D

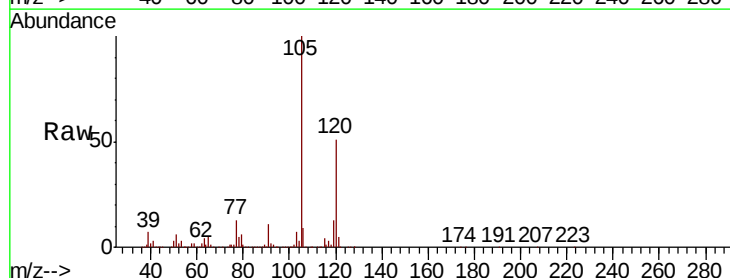
Acq: 20 Feb 2020 19:49

Tgt Ion: 105 Resp: 924173

Ion Ratio Lower Upper

105 100

120 49.8 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

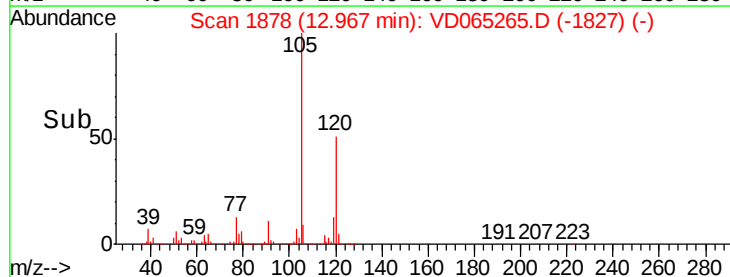
400000

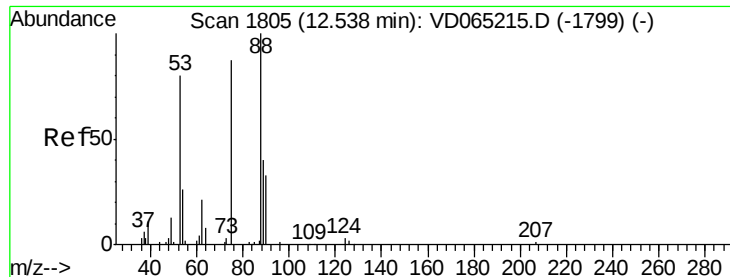
200000

0

12.90 12.97 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.710 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

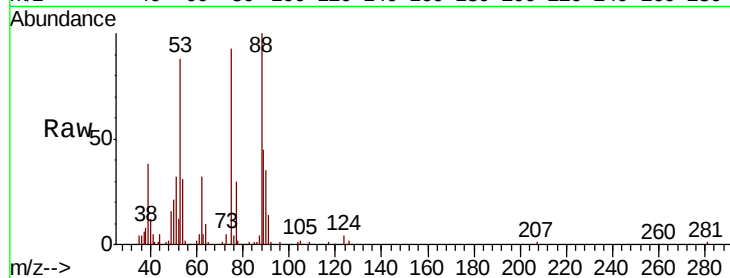
Tot Ion: 75 Resp: 61684

Ion Ratio Lower Upper

75 100

53 92.7 77.6 116.4

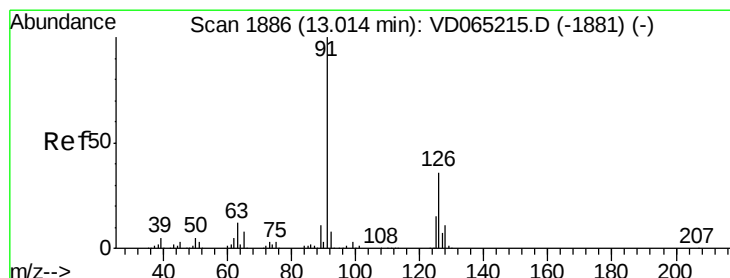
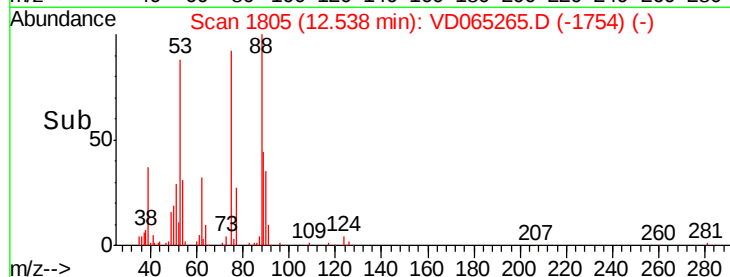
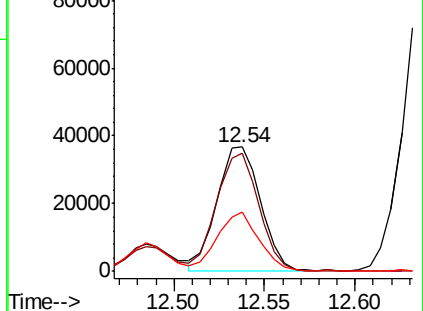
89 45.3 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 49.059 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065265.D

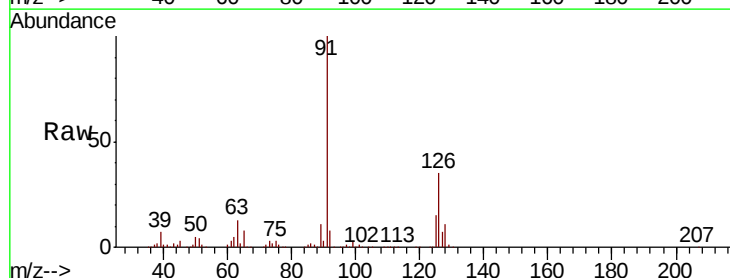
Acq: 20 Feb 2020 19:49

Tgt Ion: 91 Resp: 777930

Ion Ratio Lower Upper

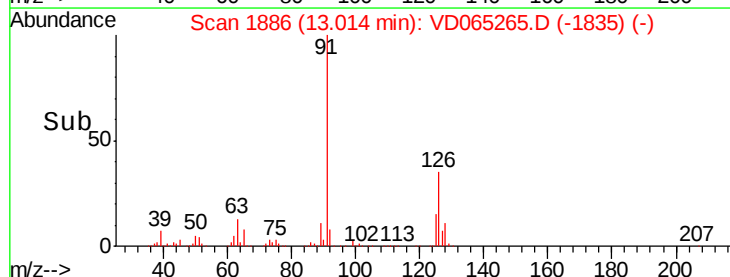
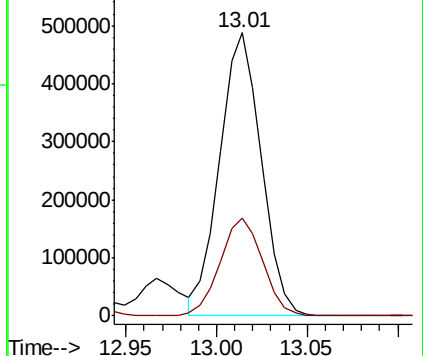
91 100

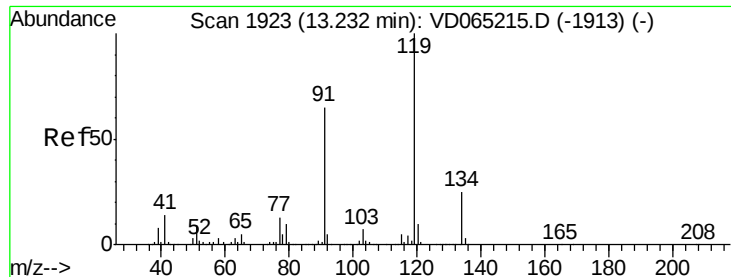
126 35.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

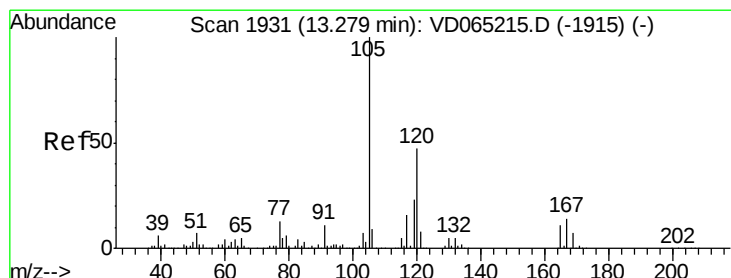
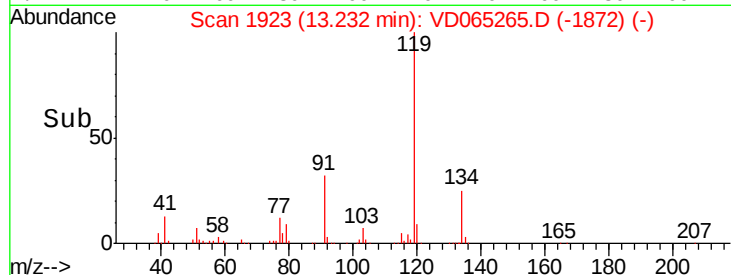
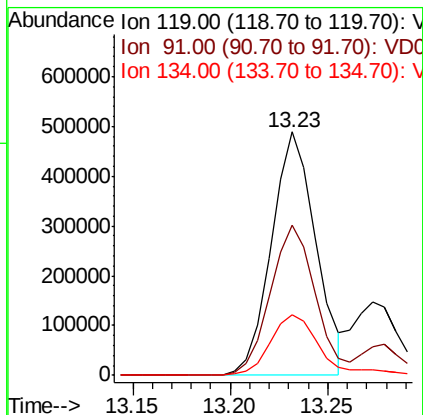
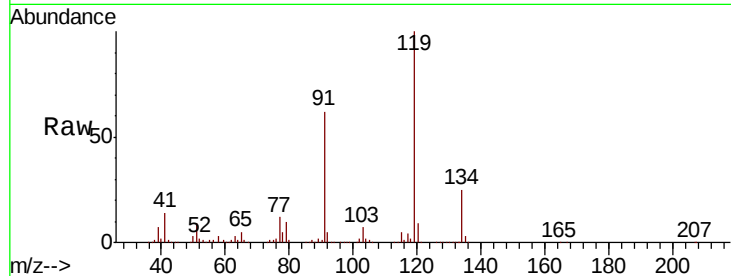




#83
tert-Butylbenzene
Concen: 50.401 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

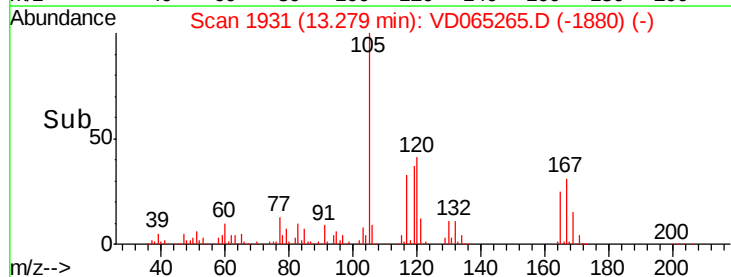
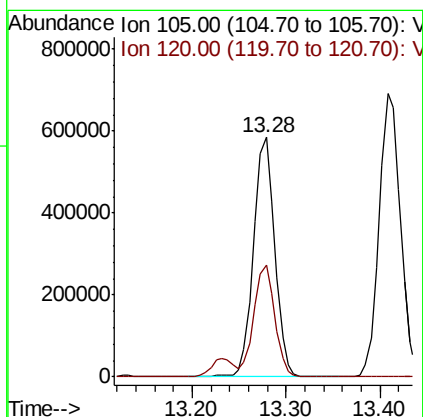
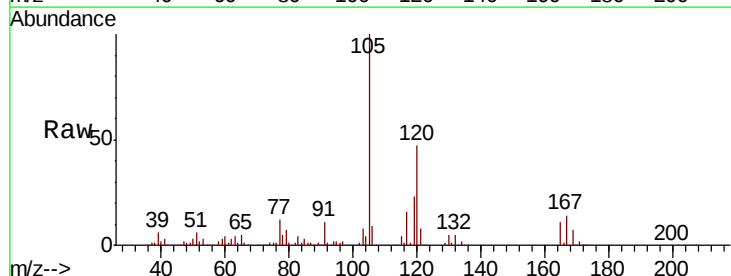
Instrument :
MSVOA_D
ClientSampled :

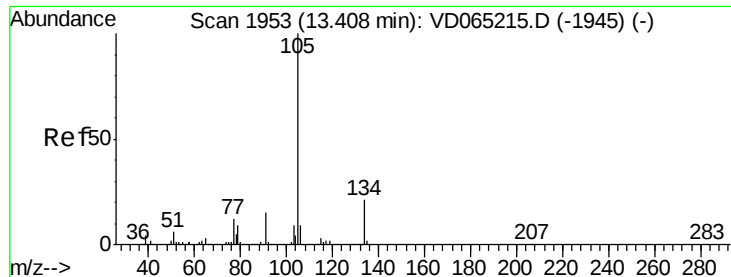
Tot Ion:119 Resp: 771926
Ion Ratio Lower Upper
119 100
91 62.5 31.9 95.5
134 27.8 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 50.275 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion:105 Resp: 919548
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.9

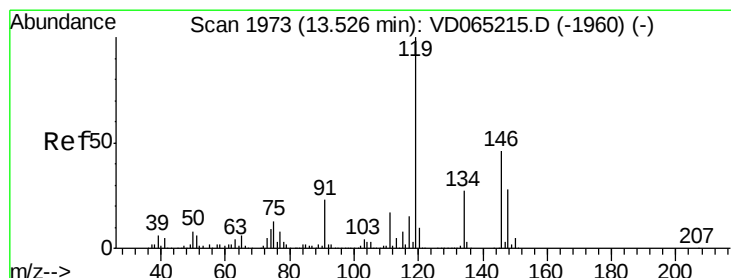
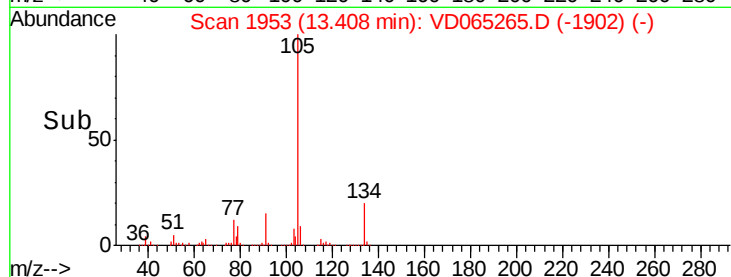
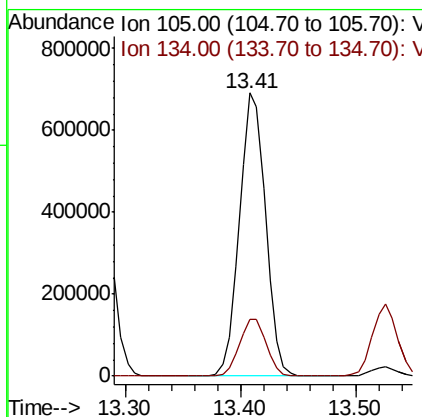
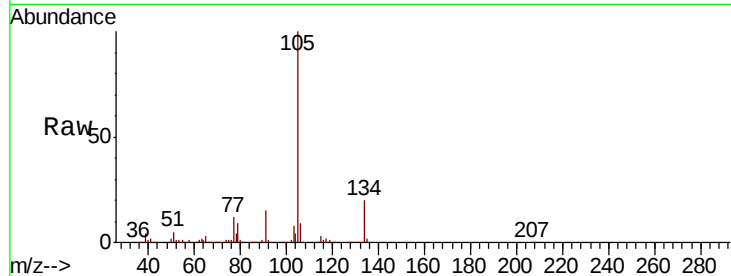




#85
 sec-Butylbenzene
 Concen: 49.198 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

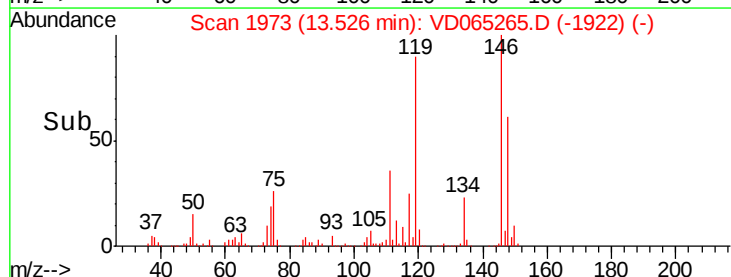
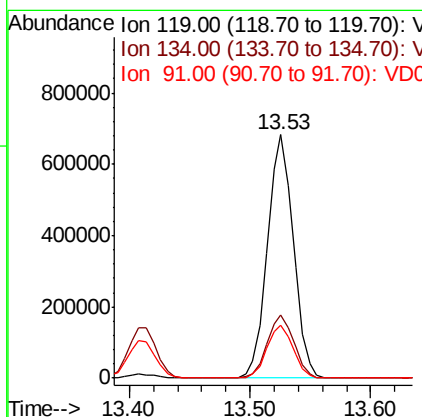
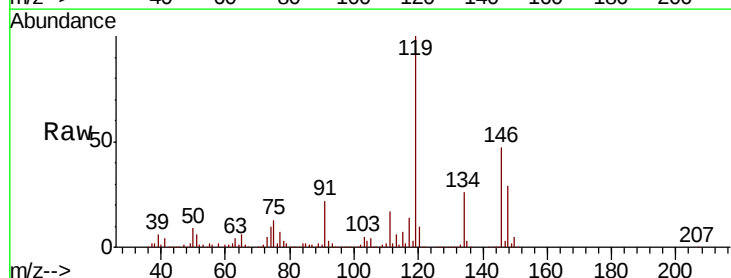
Instrument :
 MSVOA_D
 ClientSampleId :

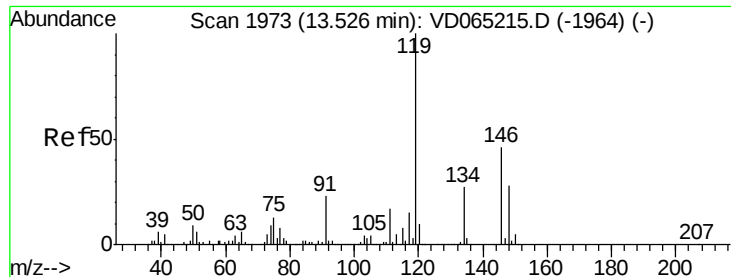
Tot Ion:105 Resp: 1085758
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 50.020 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

Tgt Ion:119 Resp: 1009513
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 21.8 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 48.639 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

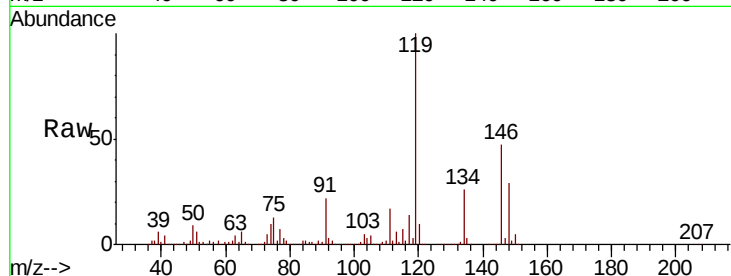
Tot Ion:146 Resp: 518049

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

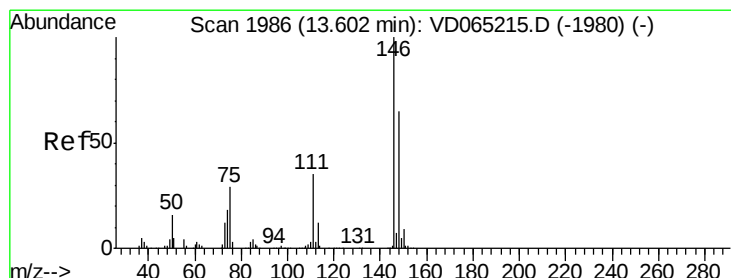
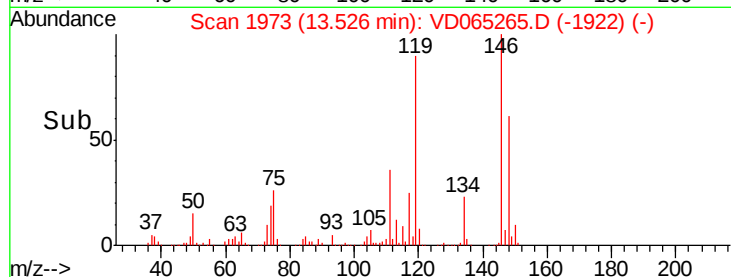
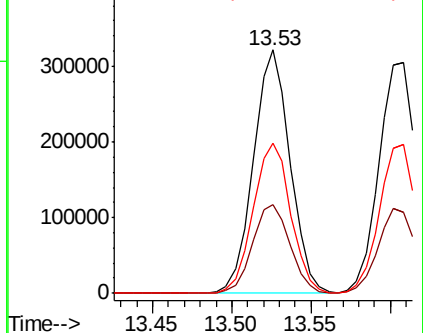
148 63.1 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.157 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

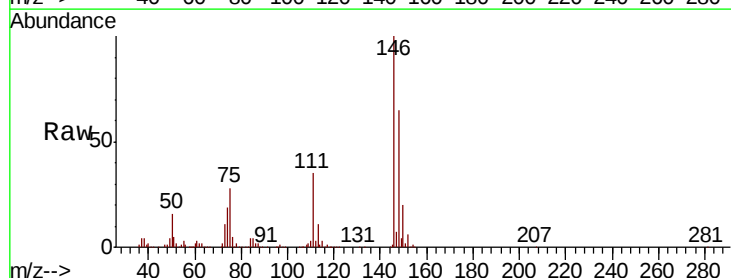
Tgt Ion:146 Resp: 506216

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.2

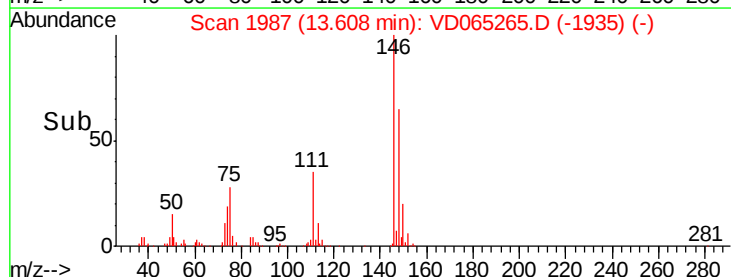
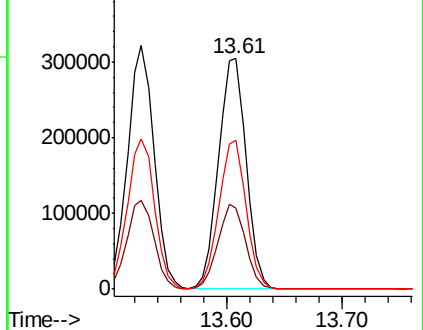
148 63.4 32.1 96.5

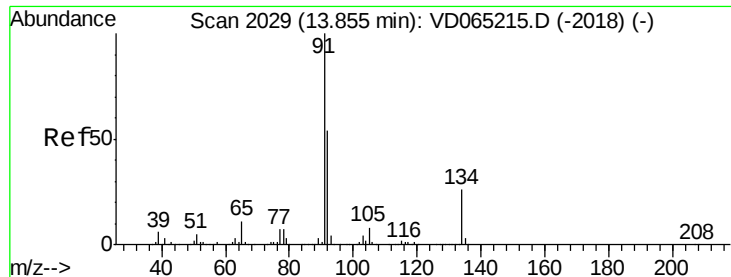


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

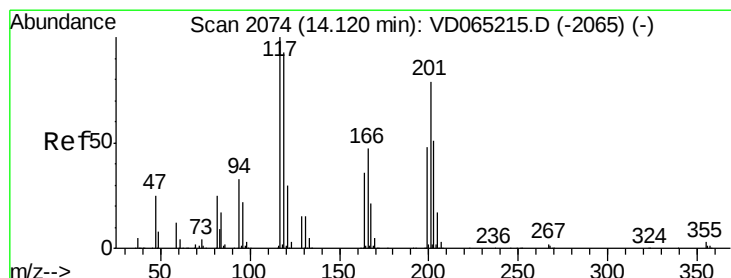
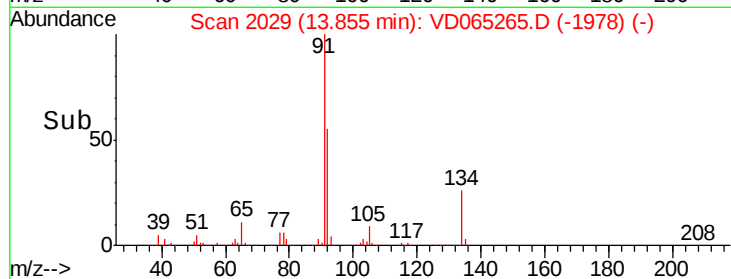
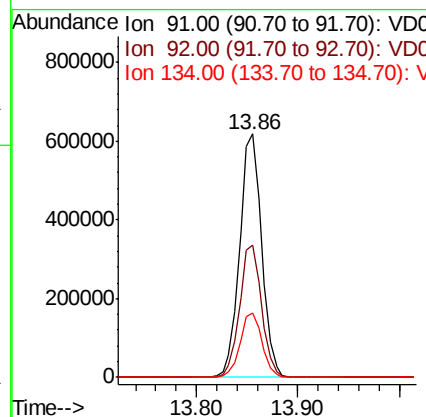
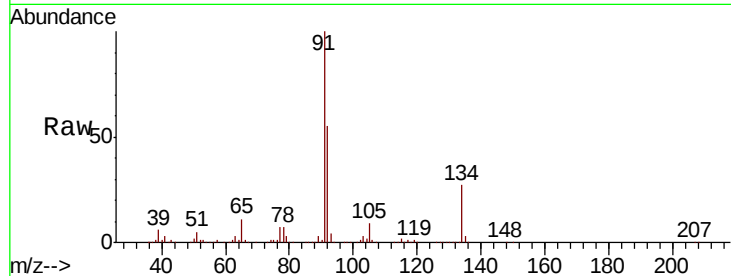




#89
n-Butylbenzene
Concen: 49.917 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

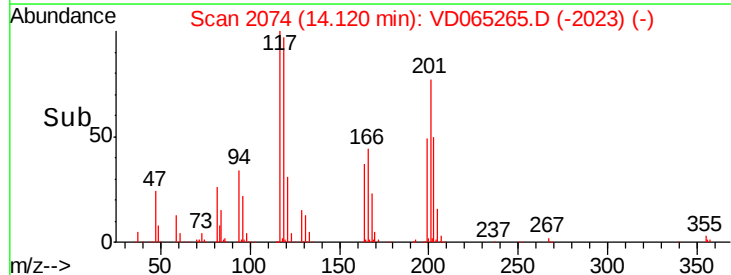
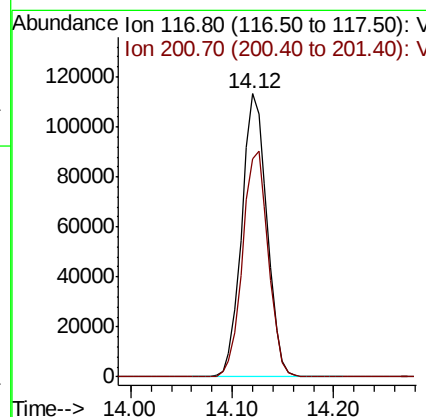
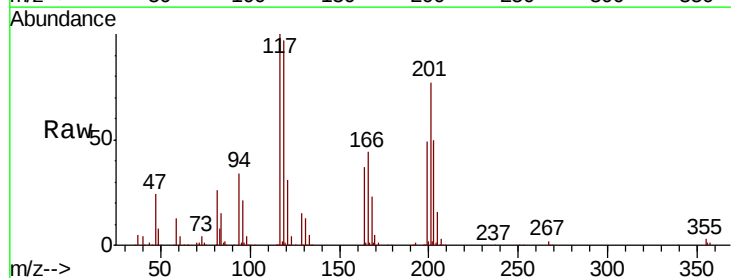
Instrument :
MSVOA_D
ClientSampled :

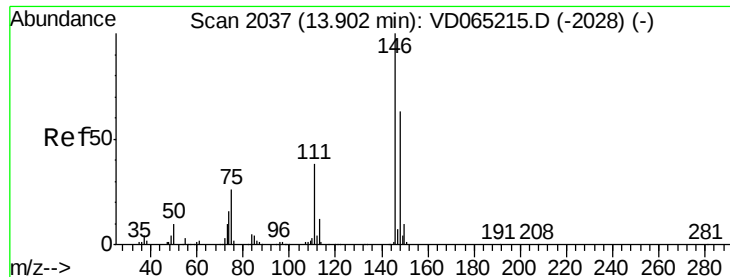
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.0	80.8
134	26.5	13.5	40.4



#90
Hexachloroethane
Concen: 47.650 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.3	41.3	124.1





#91

1,2-Dichlorobenzene

Concen: 48.547 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

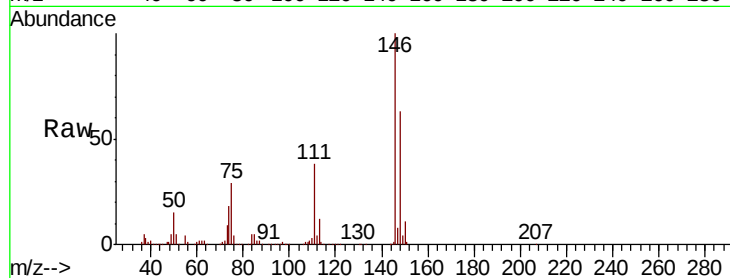
Tot Ion:146 Resp: 443970

Ion Ratio Lower Upper

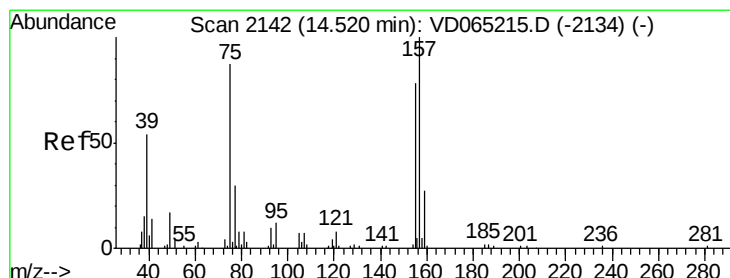
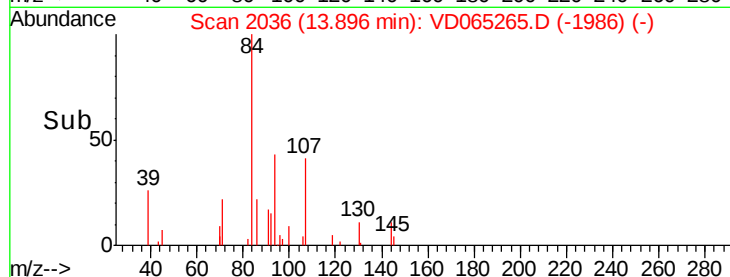
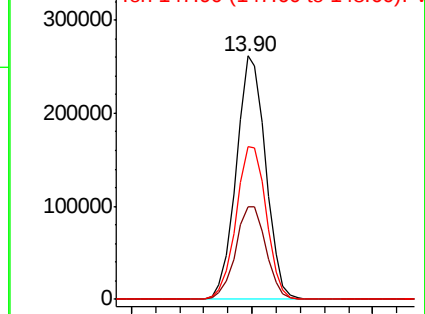
146 100

111 39.3 19.7 59.0

148 64.8 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: 47.962 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD065265.D

Acq: 20 Feb 2020 19:49

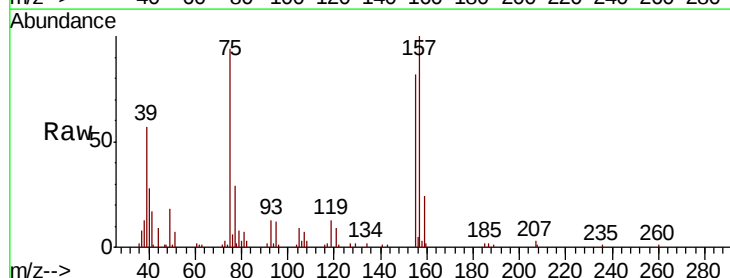
Tgt Ion: 75 Resp: 29596

Ion Ratio Lower Upper

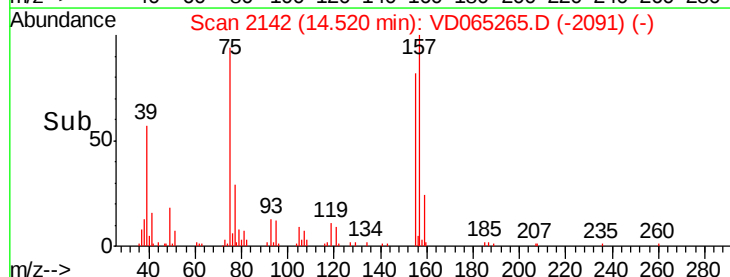
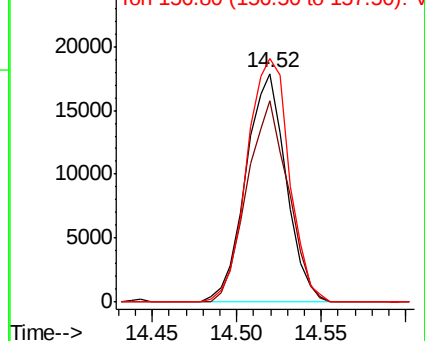
75 100

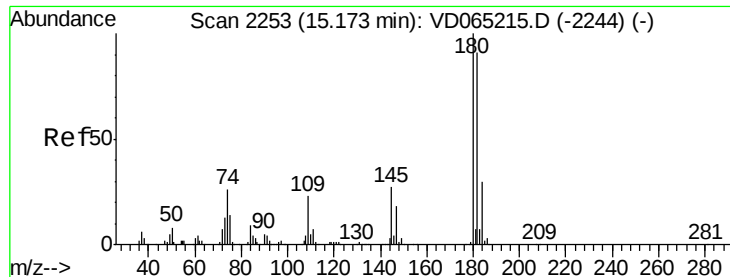
155 89.7 42.3 126.9

157 111.7 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

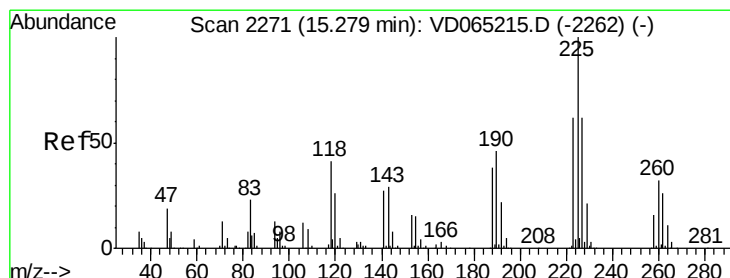
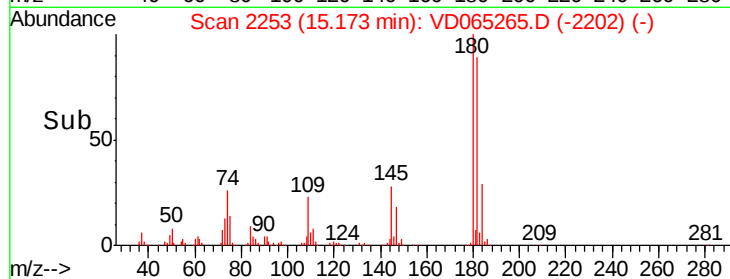
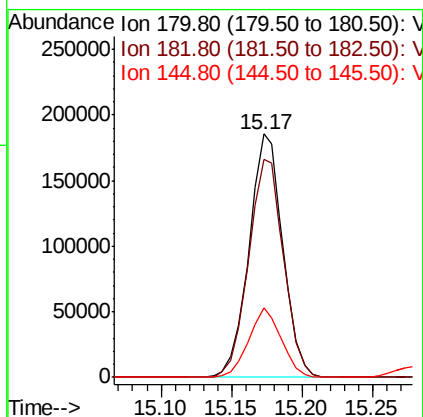
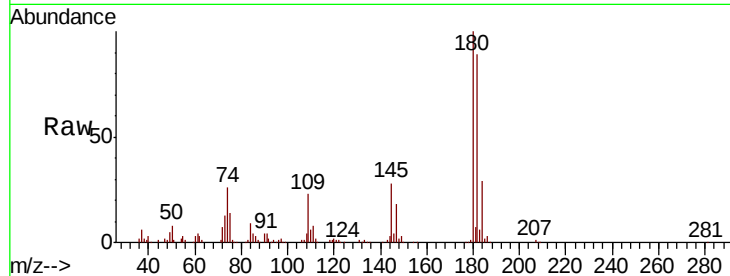




#93
 1,2,4-Trichlorobenzene
 Concen: 51.938 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

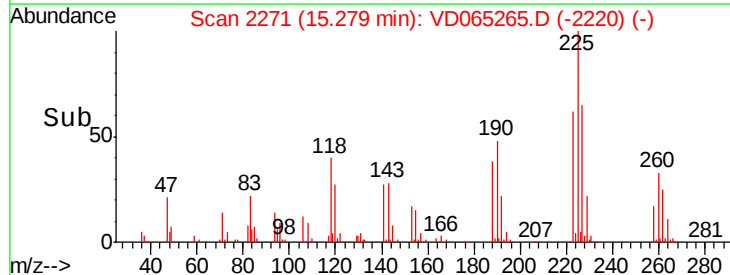
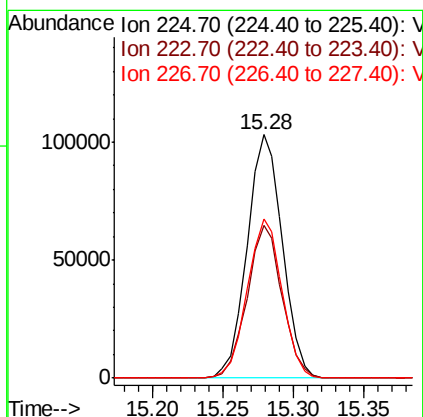
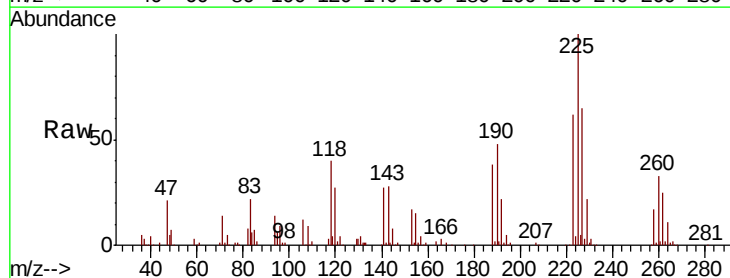
Instrument :
 MSVOA_D
 ClientSampleId :

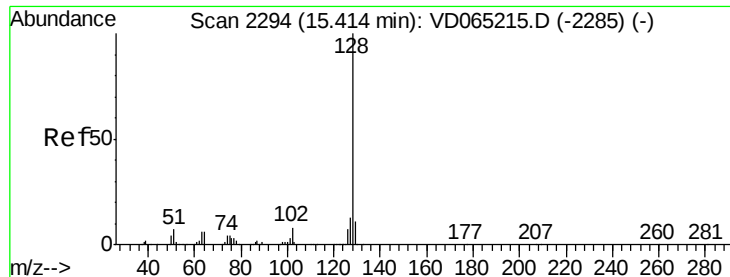
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.9	140.6
145	27.5	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 47.059 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065265.D
 Acq: 20 Feb 2020 19:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.4	94.2
227	64.5	31.7	95.1

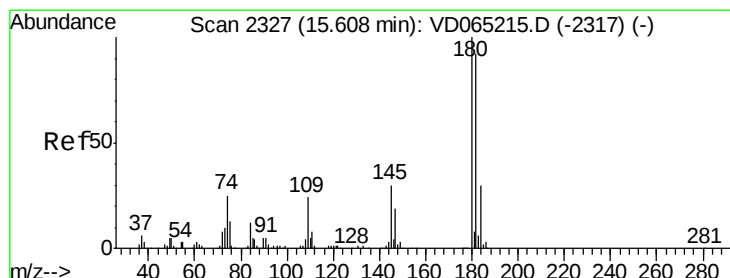
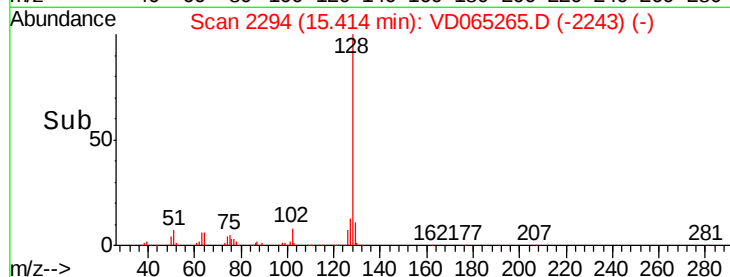
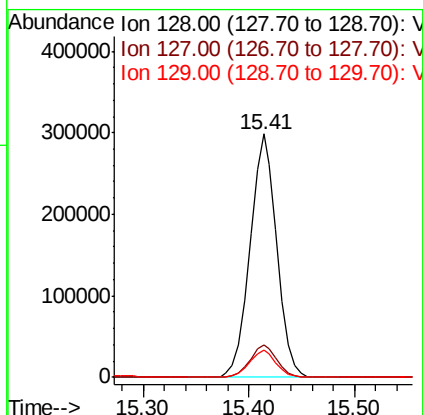
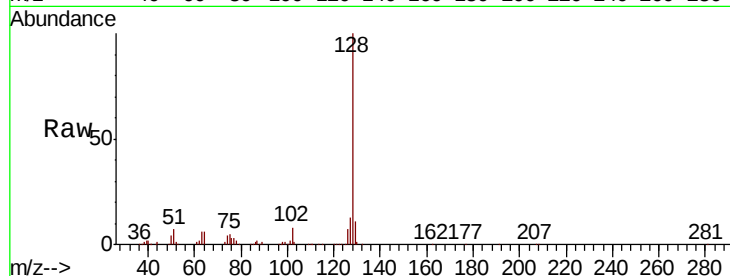




#95
Naphthalene
Concen: 53.857 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.868 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065265.D
Acq: 20 Feb 2020 19:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.9	140.6
145	31.3	15.4	46.1

