

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065402.D
 Acq On : 03 Mar 2020 18:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 04:54:23 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	7.99	168	440180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	654558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	613059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	198161	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.92	113	208497	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.34	98	797461	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.64	95	256466	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	172472	46.716	ug/l	99
3) Chloromethane	2.21	50	203981	43.408	ug/l	99
4) Vinyl Chloride	2.35	62	208345	43.601	ug/l	97
5) Bromomethane	2.77	94	133317	46.144	ug/l	97
6) Chloroethane	2.93	64	130242	44.653	ug/l	99
7) Trichlorofluoromethane	3.27	101	324890	47.490	ug/l	98
8) Diethyl Ether	3.71	74	103142	49.946	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	209274	48.440	ug/l	99
10) Methyl Iodide	4.29	142	232330	51.794	ug/l	98
11) Tert butyl alcohol	5.24	59	55925	236.341	ug/l	99
12) 1,1-Dichloroethene	4.06	96	192854	47.255	ug/l	94
13) Acrolein	3.93	56	66424	226.404	ug/l	99
14) Allyl chloride	4.71	41	318353	48.036	ug/l	98
15) Acrylonitrile	5.43	53	234898	256.924	ug/l	98
16) Acetone	4.17	43	190886	197.198	ug/l	100
17) Carbon Disulfide	4.40	76	604124	44.153	ug/l	99
18) Methyl Acetate	4.73	43	110515	50.763	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	446140	52.422	ug/l	98
20) Methylene Chloride	4.96	84	235810	55.201	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	228669	49.287	ug/l	97
22) Diisopropyl ether	6.37	45	665040	52.053	ug/l	99
23) Vinyl Acetate	6.31	43	1866862	265.051	ug/l	100
24) 1,1-Dichloroethane	6.27	63	390075	49.224	ug/l	99
25) 2-Butanone	7.23	43	285681	233.262	ug/l	97
26) 2,2-Dichloropropane	7.21	77	324229	47.156	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	250592	50.991	ug/l	98
28) Bromochloromethane	7.56	49	150114	51.060	ug/l	96
29) Tetrahydrofuran	7.57	42	187922	261.878	ug/l	99
30) Chloroform	7.71	83	401342	50.270	ug/l	99
31) Cyclohexane	7.99	56	347287	44.604	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	347595	48.661	ug/l	98
36) 1,1-Dichloropropene	8.11	75	308402	48.423	ug/l	99
37) Ethyl Acetate	7.30	43	132554	49.786	ug/l	98
38) Carbon Tetrachloride	8.10	117	319045	49.209	ug/l	95

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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	369538	49.354	ug/l	96
40) Benzene	8.36	78	901601	50.154	ug/l	99
41) Methacrylonitrile	7.53	41	71983	46.824	ug/l	97
42) 1,2-Dichloroethane	8.43	62	244690	49.512	ug/l	99
43) Isopropyl Acetate	8.46	43	247792	51.179	ug/l	98
44) Trichloroethene	9.11	130	252436	50.658	ug/l	97
45) 1,2-Dichloropropane	9.39	63	230167	51.491	ug/l	99
46) Dibromomethane	9.48	93	120965	52.595	ug/l	98
47) Bromodichloromethane	9.67	83	310537	51.234	ug/l	100
48) Methyl methacrylate	9.46	41	112836	50.419	ug/l	91
49) 1,4-Dioxane	9.47	88	27708	1027.178	ug/l	96
51) 4-Methyl-2-Pentanone	10.24	43	645346	262.428	ug/l	98
52) Toluene	10.41	92	581536	52.262	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	293600	52.259	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	358504	52.844	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	172960	53.429	ug/l	97
56) Ethyl methacrylate	10.67	69	206237	55.197	ug/l	99
57) 1,3-Dichloropropane	10.95	76	290685	52.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	270850	229.926	ug/l	98
59) 2-Hexanone	10.99	43	442216	251.209	ug/l	97
60) Dibromochloromethane	11.14	129	219761	53.040	ug/l	100
61) 1,2-Dibromoethane	11.25	107	163181	53.240	ug/l	98
64) Tetrachloroethene	10.88	164	218312	50.210	ug/l	97
65) Chlorobenzene	11.68	112	622587	50.606	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	233401	50.839	ug/l	100
67) Ethyl Benzene	11.75	91	1084984	50.355	ug/l	100
68) m/p-Xylenes	11.86	106	846787	102.721	ug/l	99
69) o-Xylene	12.18	106	380563	52.108	ug/l	100
70) Styrene	12.20	104	691114	53.299	ug/l	99
71) Bromoform	12.37	173	131571	51.646	ug/l #	100
73) Isopropylbenzene	12.48	105	1035048	51.198	ug/l	100
74) N-amyl acetate	12.30	43	226000	50.309	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	182779	50.095	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	236678	91.095	ug/l #	100
77) Bromobenzene	12.77	156	259832	51.758	ug/l	97
78) n-propylbenzene	12.83	91	1236077	50.878	ug/l	99
79) 2-Chlorotoluene	12.91	91	687221	50.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	857371	51.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	58455	48.579	ug/l	95
82) 4-Chlorotoluene	13.01	91	728210	50.398	ug/l	99
83) tert-Butylbenzene	13.23	119	715472	51.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	862430	51.747	ug/l	99
85) sec-Butylbenzene	13.41	105	1021865	50.815	ug/l	100
86) p-Isopropyltoluene	13.53	119	935614	50.876	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	487752	50.257	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	477465	49.848	ug/l	100
89) n-Butylbenzene	13.86	91	868167	51.231	ug/l	100
90) Hexachloroethane	14.13	117	184556	49.426	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	421980	50.639	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27274	48.506	ug/l	92

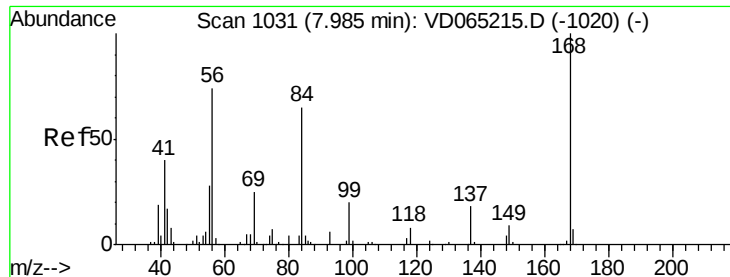
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030320\
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	288627	52.951	ug/l	99
94) Hexachlorobutadiene	15.28	225	175163	50.095	ug/l	99
95) Naphthalene	15.41	128	489819	55.276	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	255265	53.621	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

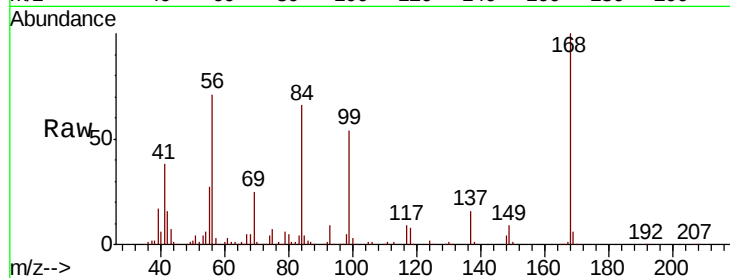
ClientSampleId :

Tot Ion:168 Resp: 440180

Ion Ratio Lower Upper

168 100

99 54.0 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

150000

100000

50000

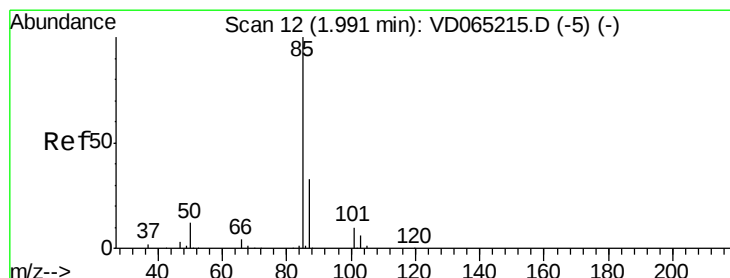
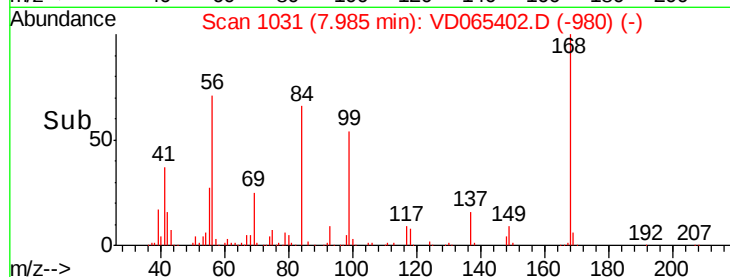
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.716 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065402.D

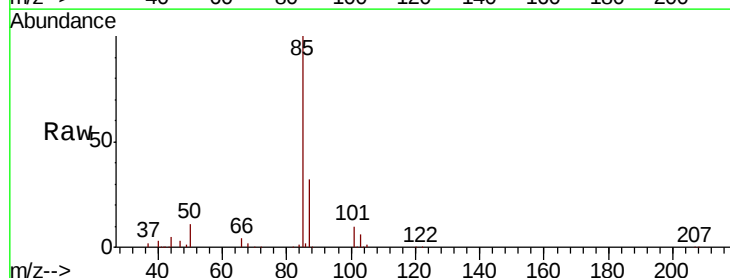
Acq: 03 Mar 2020 18:54

Tgt Ion: 85 Resp: 172472

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

150000

100000

50000

0

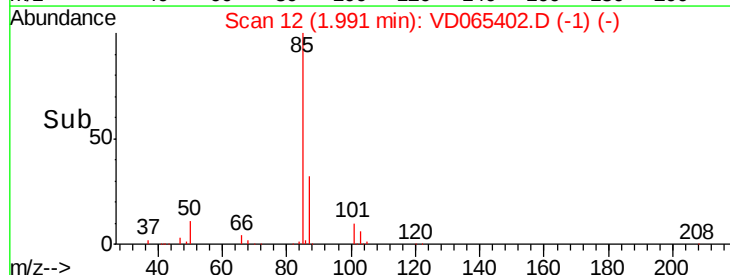
1.95

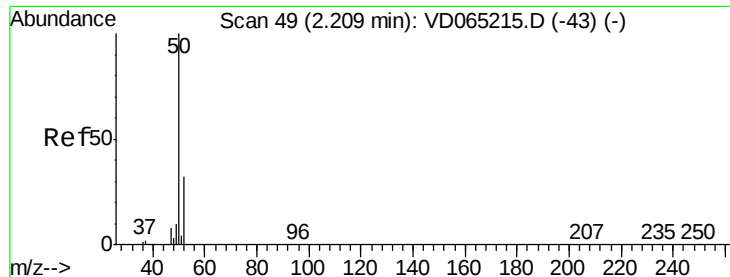
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 43.408 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

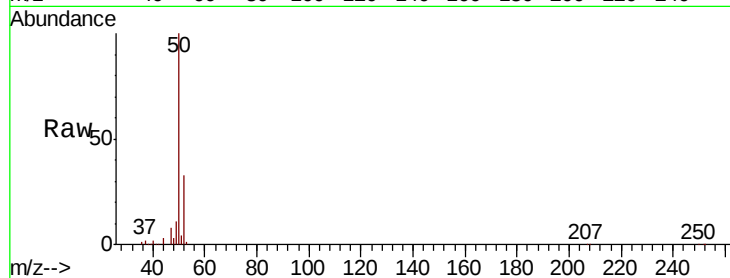
ClientSampleId :

Tot Ion: 50 Resp: 203981

Ion Ratio Lower Upper

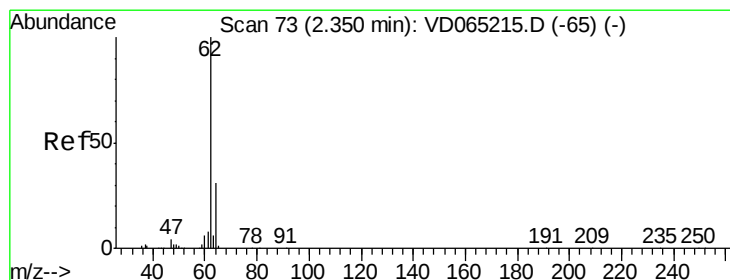
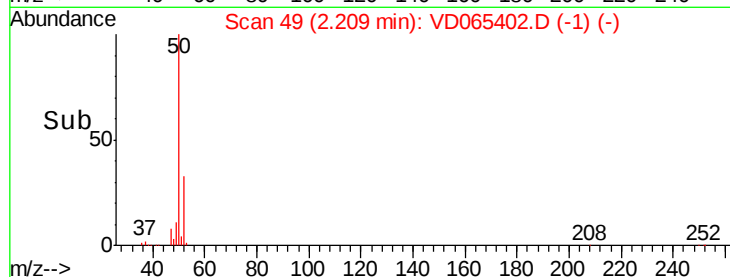
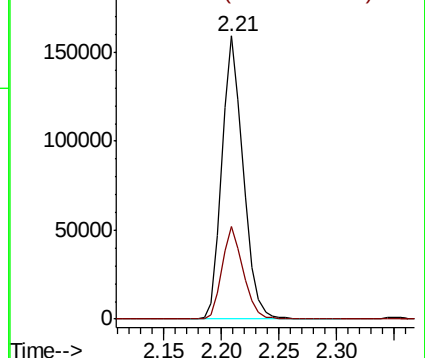
50 100

52 32.5 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: 43.601 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065402.D

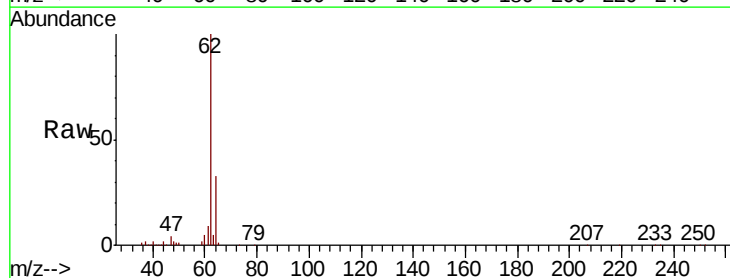
Acq: 03 Mar 2020 18:54

Tgt Ion: 62 Resp: 208345

Ion Ratio Lower Upper

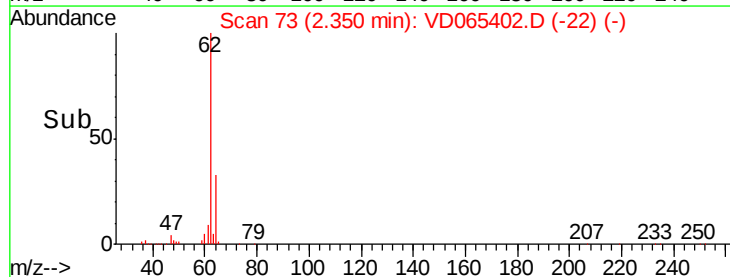
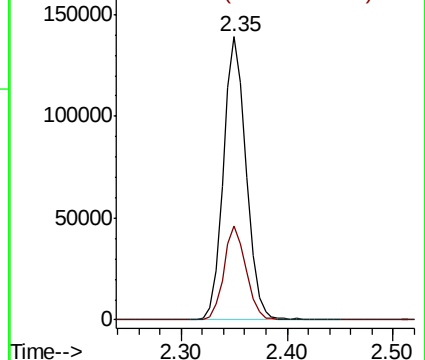
62 100

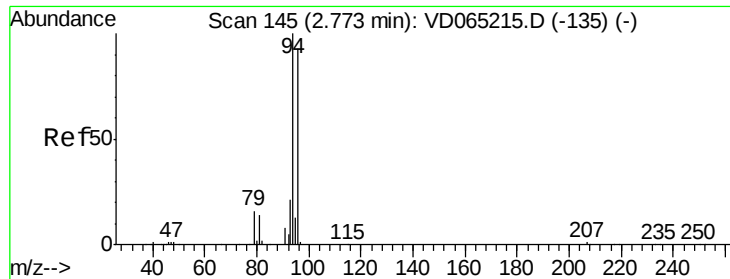
64 33.1 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 46.144 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

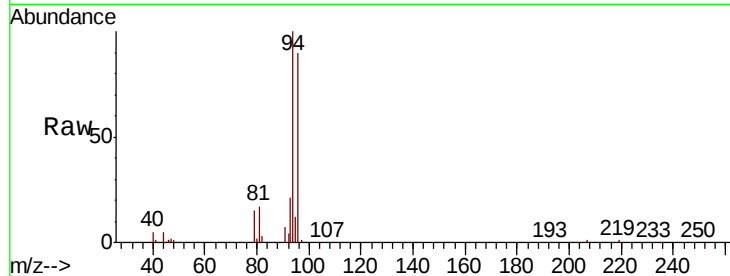
ClientSampleId :

Tot Ion: 94 Resp: 133317

Ion Ratio Lower Upper

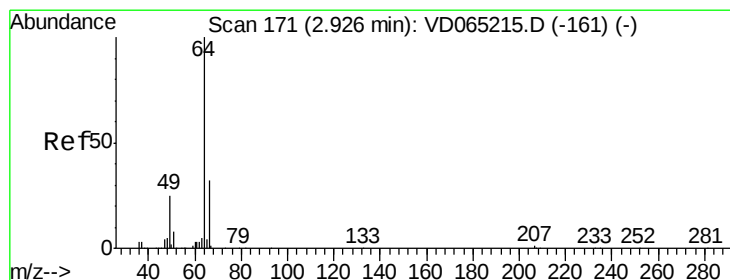
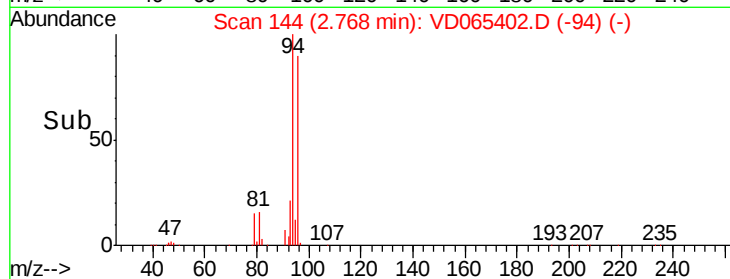
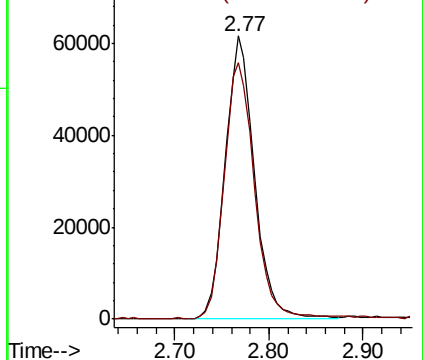
94 100

96 90.1 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: 44.653 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065402.D

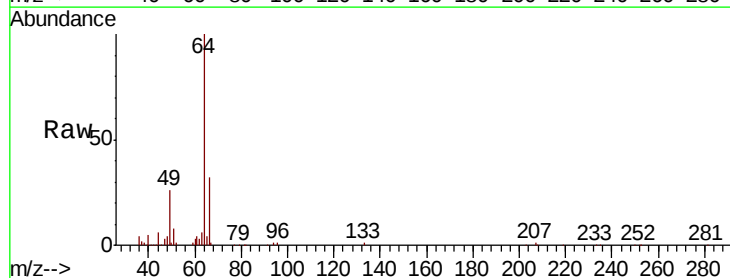
Acq: 03 Mar 2020 18:54

Tgt Ion: 64 Resp: 130242

Ion Ratio Lower Upper

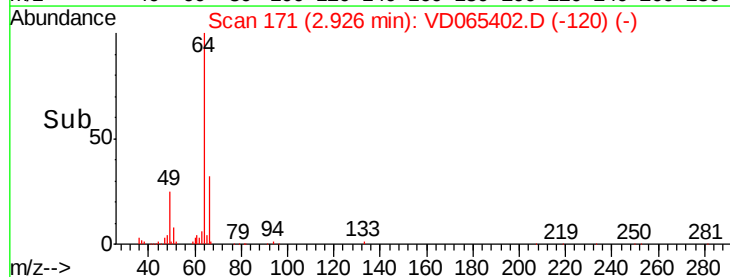
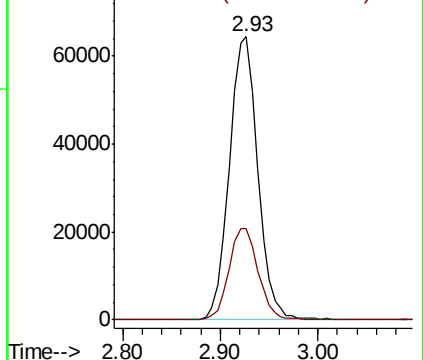
64 100

66 32.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



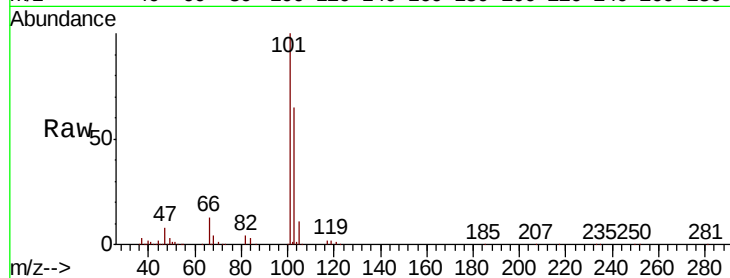


#7

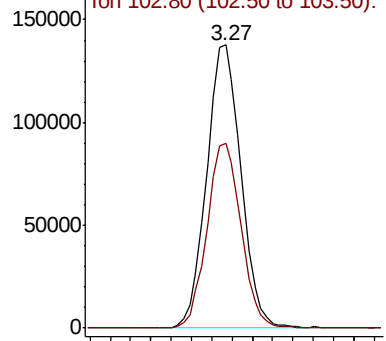
Trichlorofluoromethane
 Concen: 47.490 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Instrument :
 MSVOA_D
 ClientSampled :

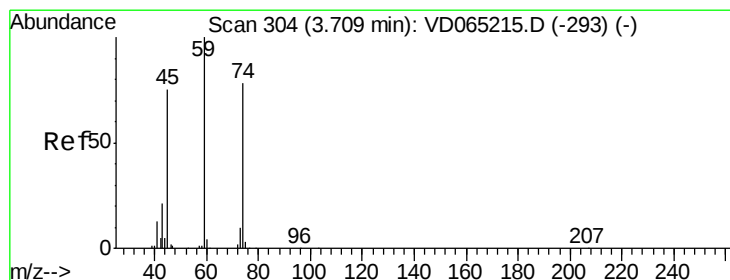
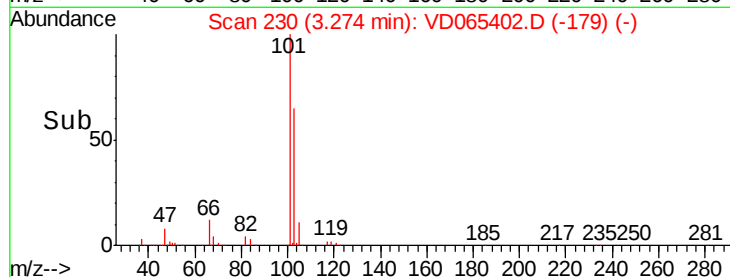
Tot Ion:101 Resp: 324890
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.7 76.1



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



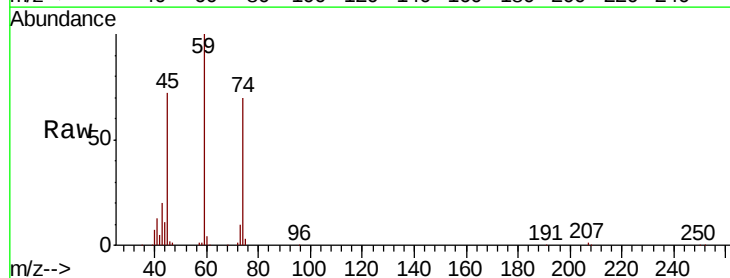
Time-->



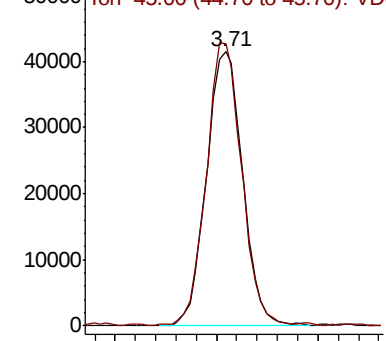
#8

Diethyl Ether
 Concen: 49.946 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

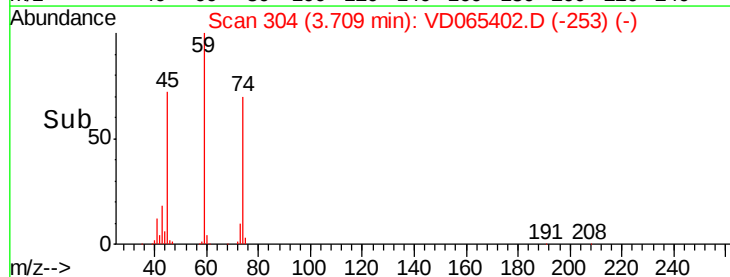
Tgt Ion: 74 Resp: 103142
 Ion Ratio Lower Upper
 74 100
 45 100.7 50.0 149.8

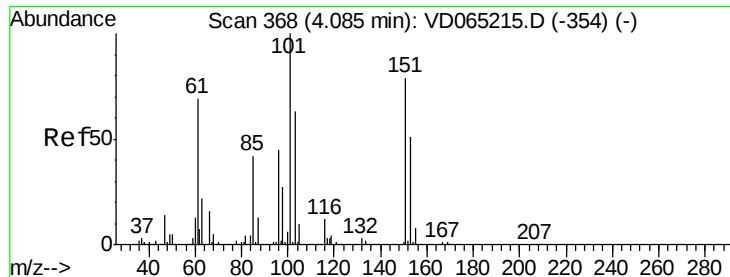


Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.440 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

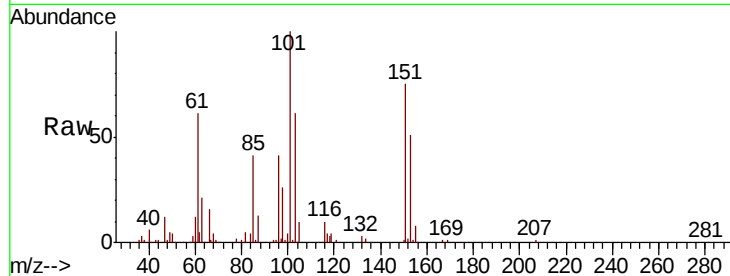
Tot Ion:101 Resp: 209274

Ion Ratio Lower Upper

101 100

85 41.7 34.2 51.2

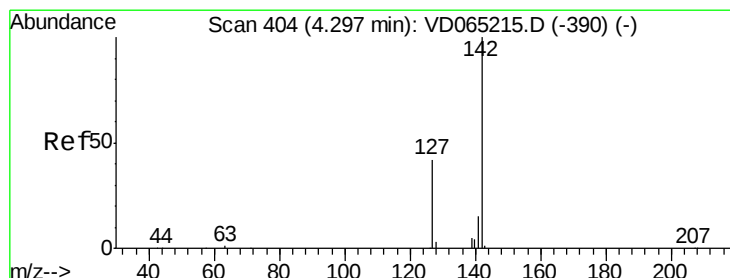
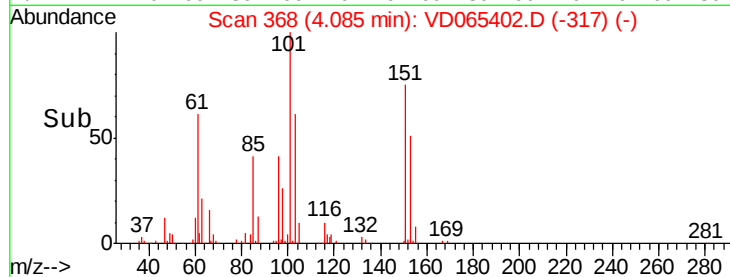
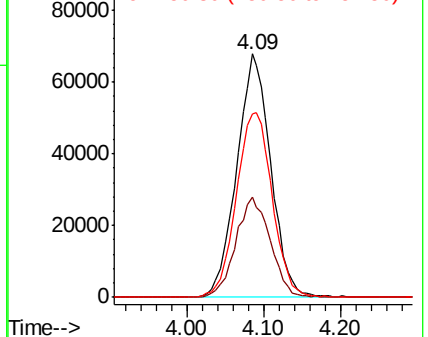
151 80.1 63.5 95.3



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: 51.794 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

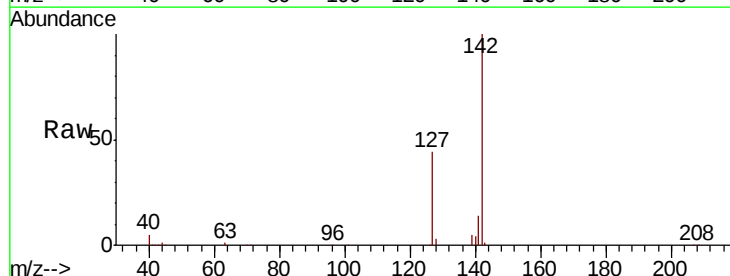
Tgt Ion:142 Resp: 232330

Ion Ratio Lower Upper

142 100

127 43.7 33.8 50.8

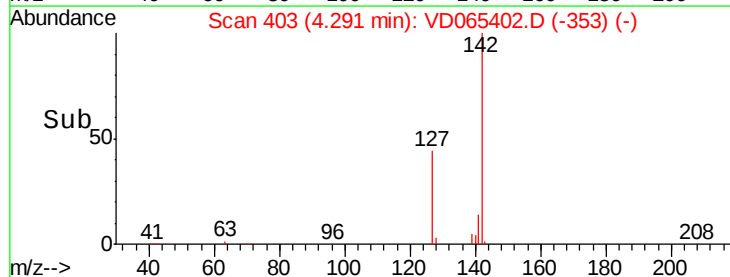
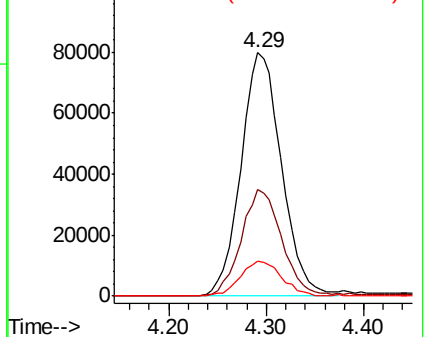
141 14.6 11.7 17.5

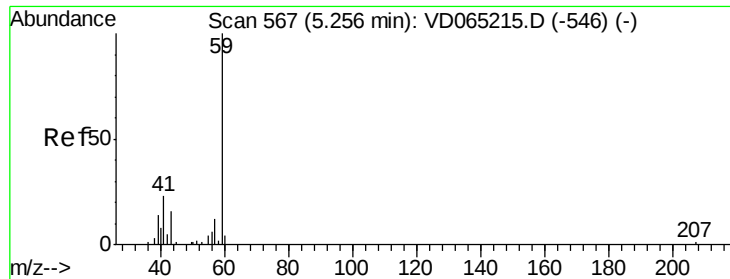


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

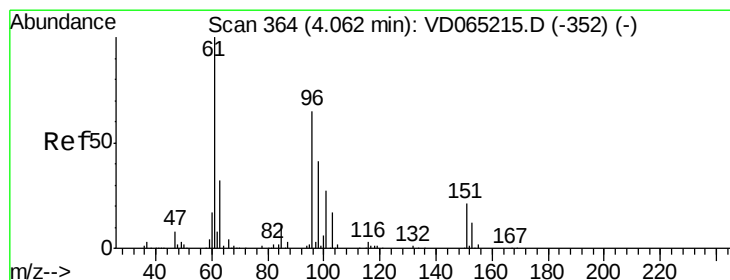
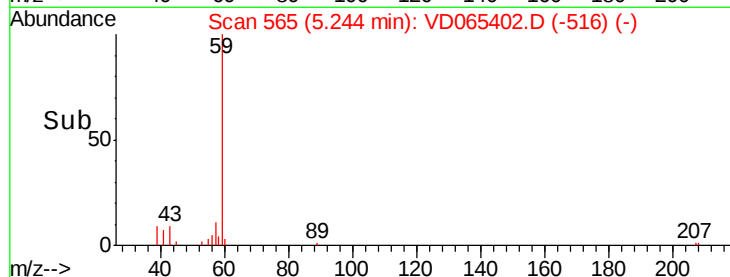
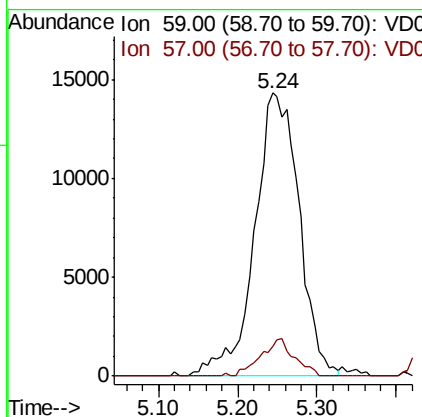
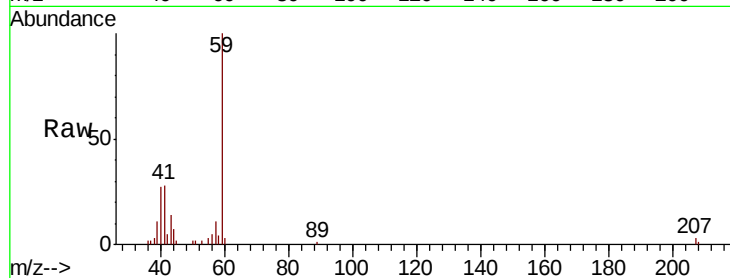




#11
Tert butyl alcohol
Concen: 236.341 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

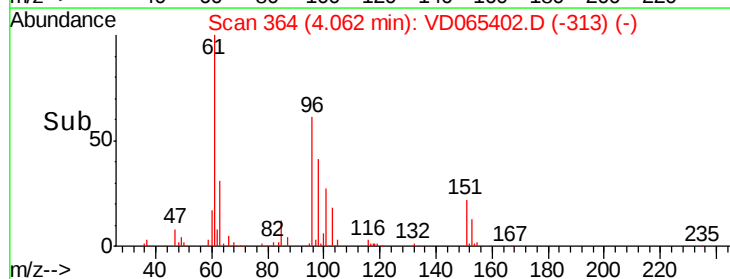
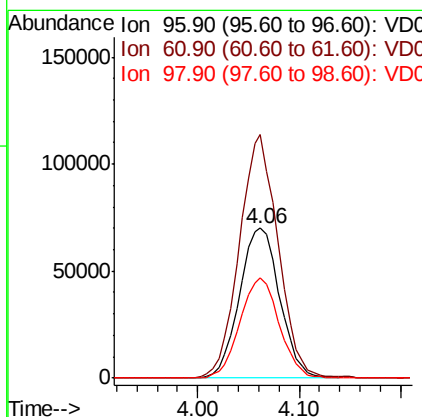
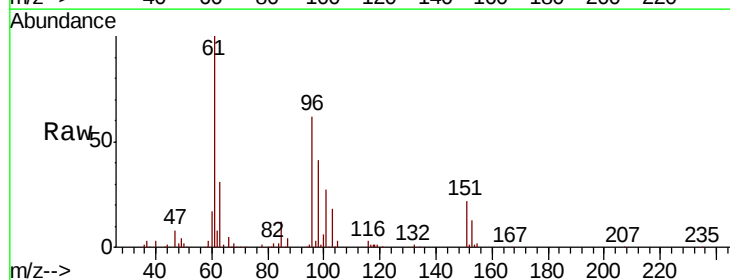
Instrument :
MSVOA_D
ClientSampleId :

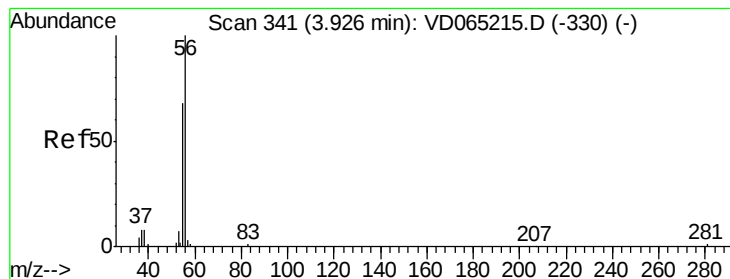
Tot Ion: 59 Resp: 55925
Ion Ratio Lower Upper
59 100
57 9.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 47.255 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 96 Resp: 192854
Ion Ratio Lower Upper
96 100
61 162.4 123.3 184.9
98 66.9 51.0 76.4





#13

Acrolein

Concen: 226.404 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

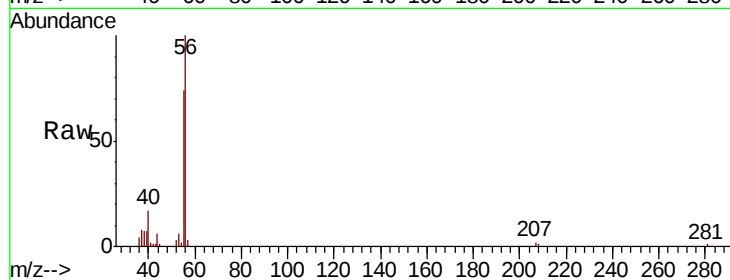
ClientSampleId :

Tot Ion: 56 Resp: 66424

Ion Ratio Lower Upper

56 100

55 71.9 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

25000

20000

15000

10000

5000

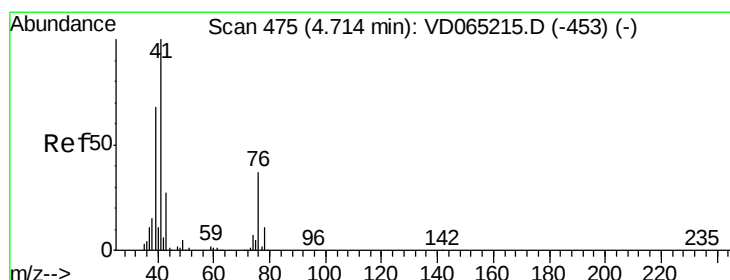
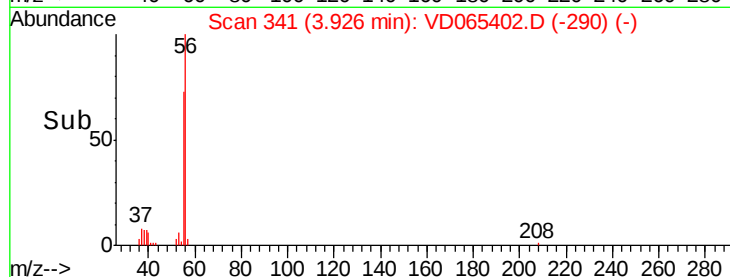
0

Time-->

3.80

3.90

4.00



#14

Allyl chloride

Concen: 48.036 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

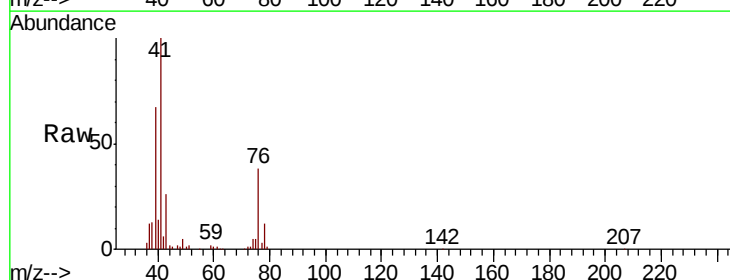
Tgt Ion: 41 Resp: 318353

Ion Ratio Lower Upper

41 100

39 65.4 53.8 80.6

76 37.2 28.7 43.1



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

100000

50000

0

Time-->

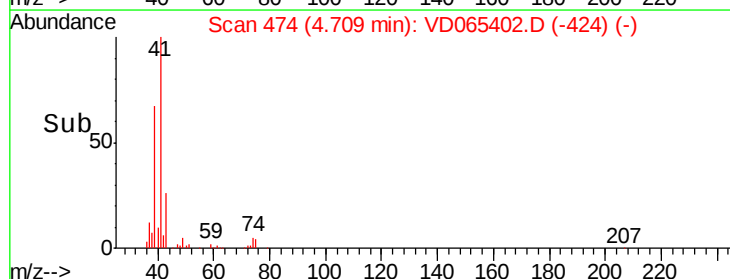
4.50

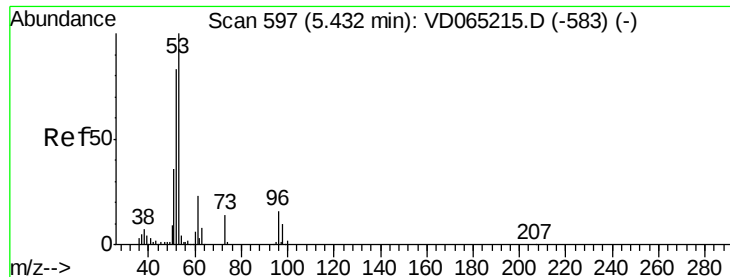
4.60

4.70

4.80

4.90





#15

Acrylonitrile

Concen: 256.924 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

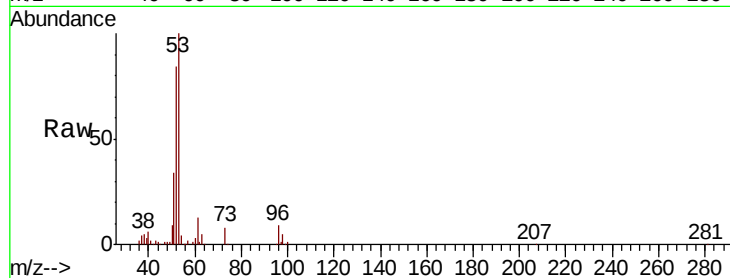
Tot Ion: 53 Resp: 234898

Ion Ratio Lower Upper

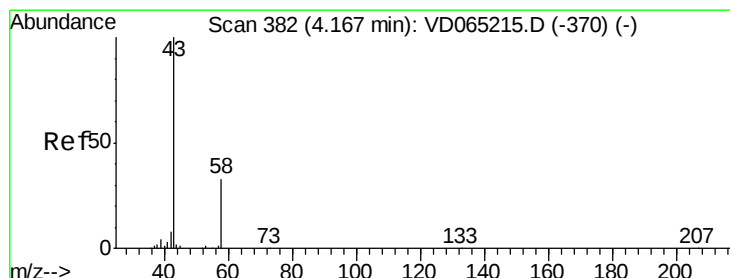
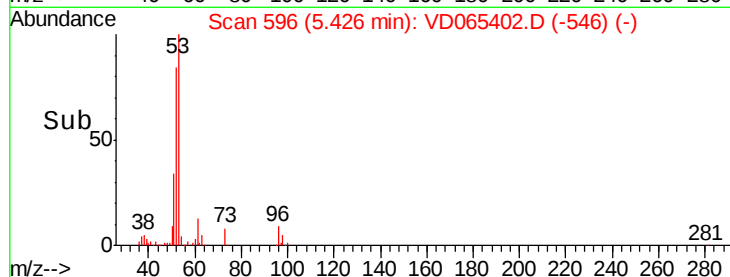
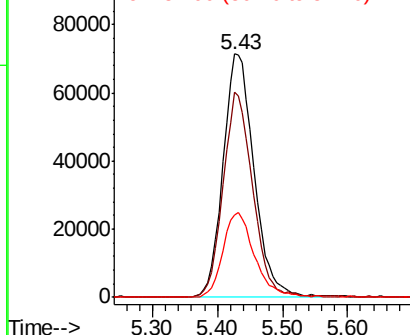
53 100

52 80.4 65.4 98.2

51 35.6 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: 197.198 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065402.D

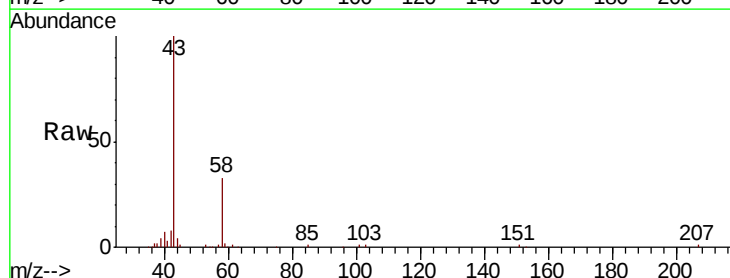
Acq: 03 Mar 2020 18:54

Tgt Ion: 43 Resp: 190886

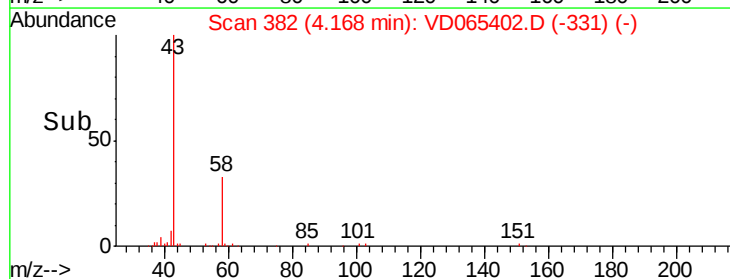
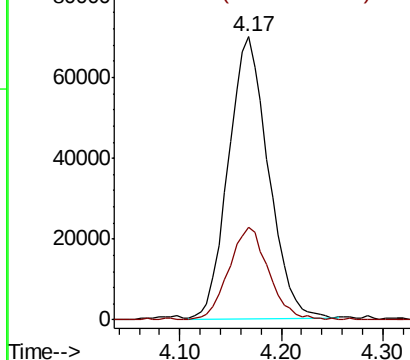
Ion Ratio Lower Upper

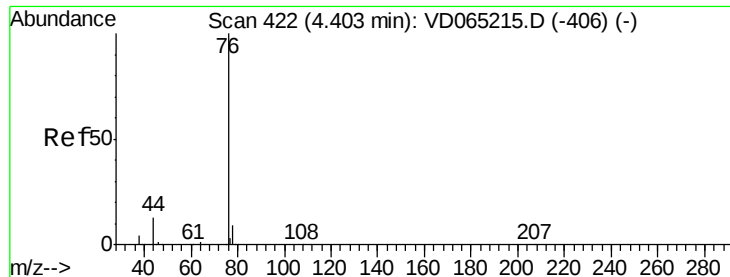
43 100

58 33.0 26.2 39.2



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

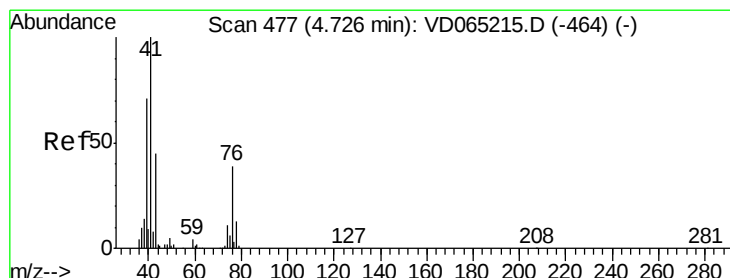
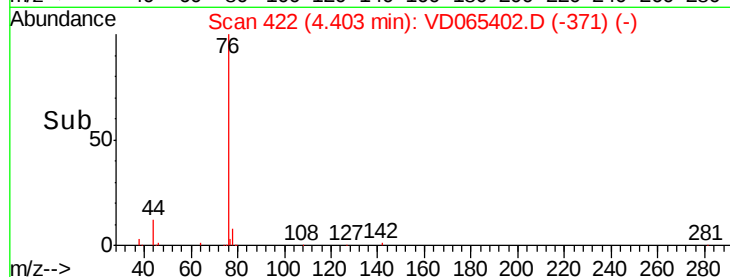
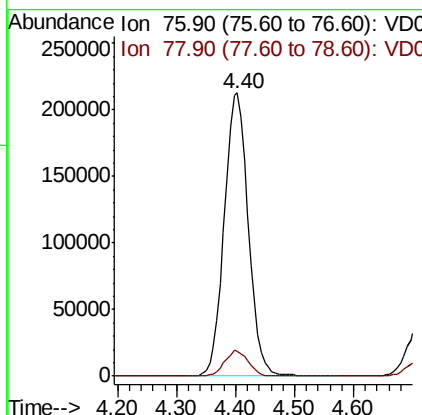
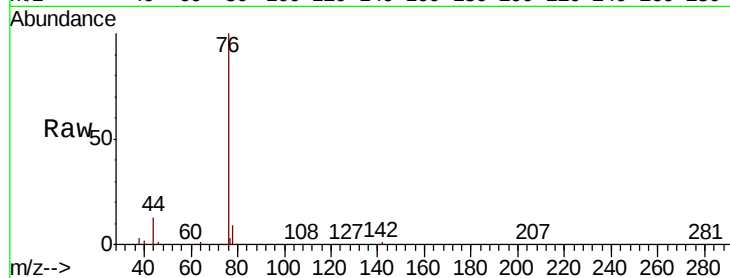




#17
Carbon Disulfide
Concen: 44.153 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

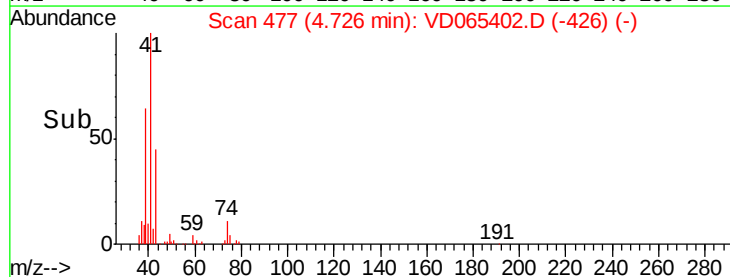
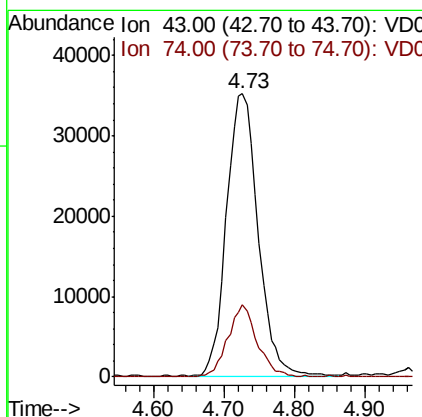
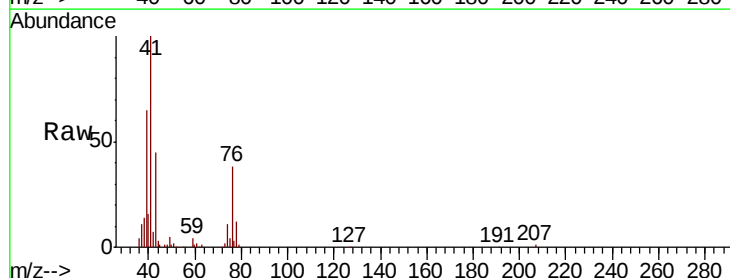
Instrument :
MSVOA_D
ClientSampleId :

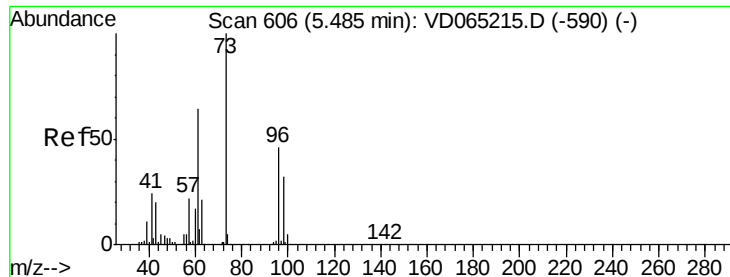
Tot Ion: 76 Resp: 604124
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 50.763 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 43 Resp: 110515
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



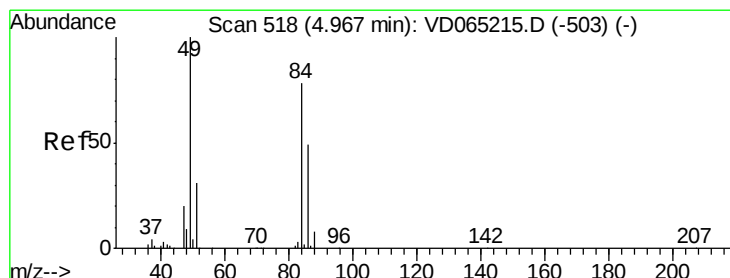
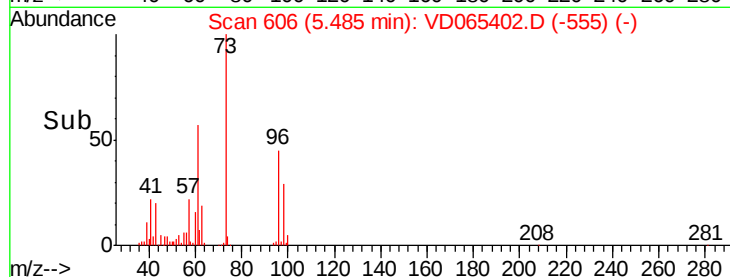
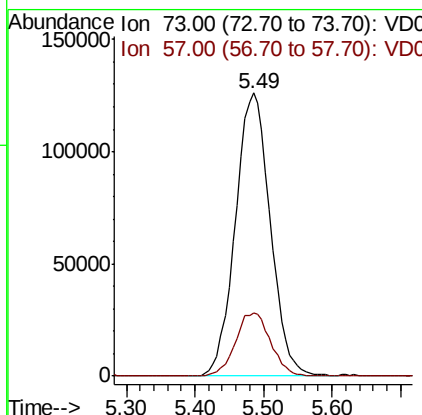
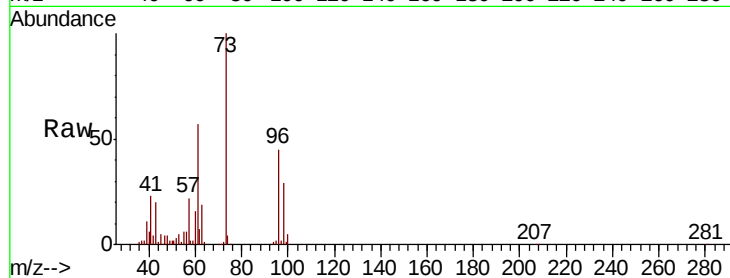


#19

Methyl tert-butyl Ether
 Concen: 52.422 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Instrument :
 MSVOA_D
 ClientSampleID :

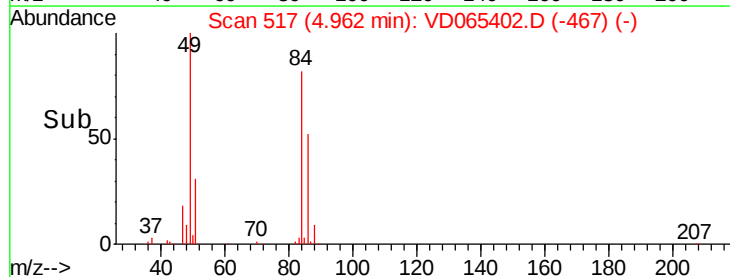
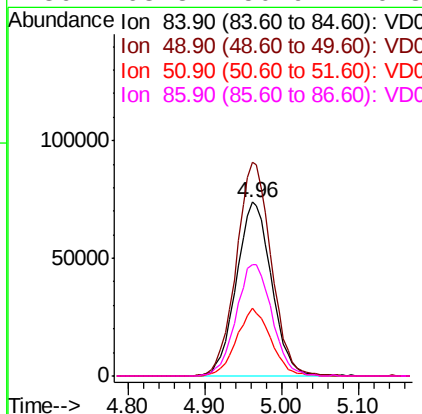
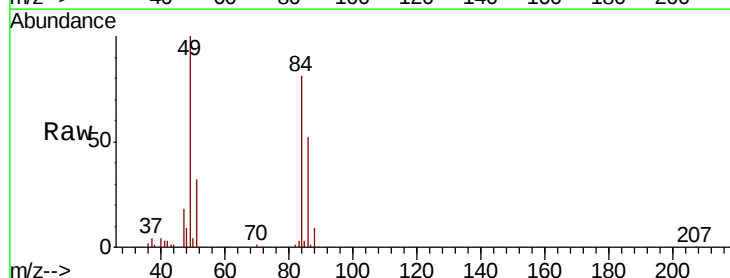
Tot Ion: 73 Resp: 446140
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.3 25.9

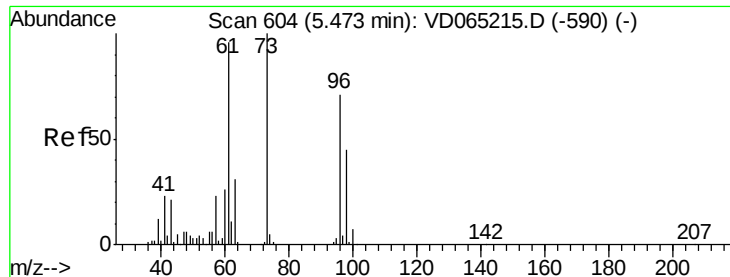


#20

Methylene Chloride
 Concen: 55.201 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion: 84 Resp: 235810
 Ion Ratio Lower Upper
 84 100
 49 122.8 103.1 154.7
 51 38.7 31.7 47.5
 86 63.8 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 49.287 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

ClientSampled :

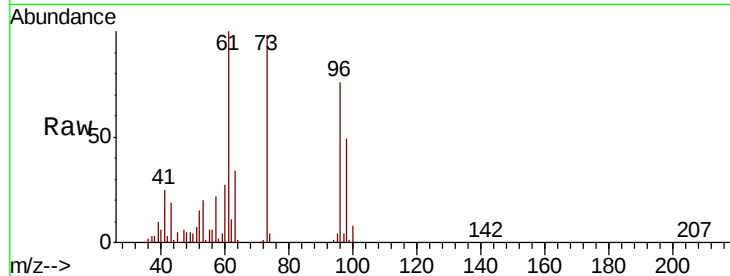
Tot Ion: 96 Resp: 228669

Ion Ratio Lower Upper

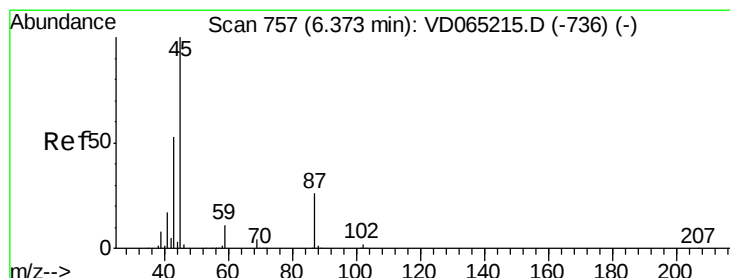
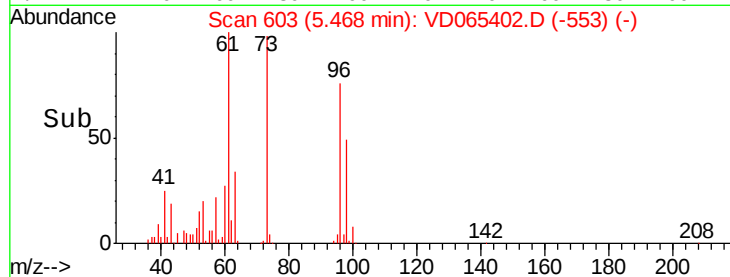
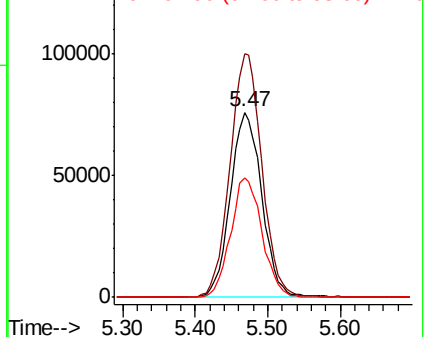
96 100

61 131.6 108.3 162.5

98 64.7 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: 52.053 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Tgt Ion: 45 Resp: 665040

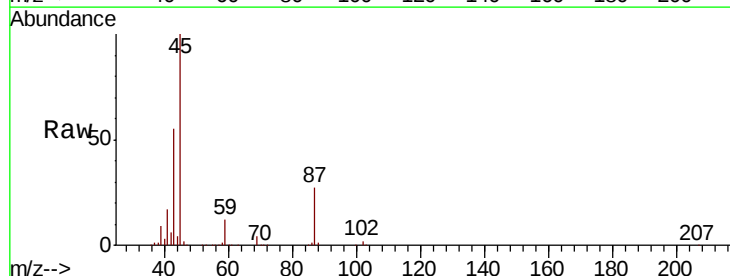
Ion Ratio Lower Upper

45 100

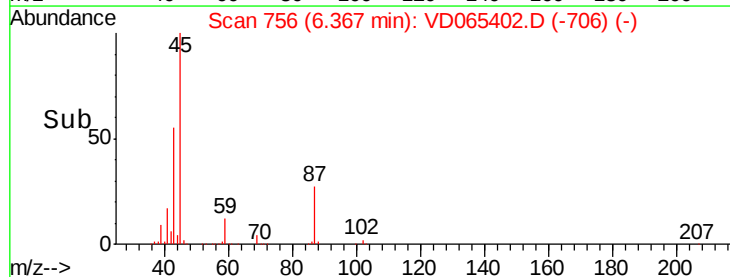
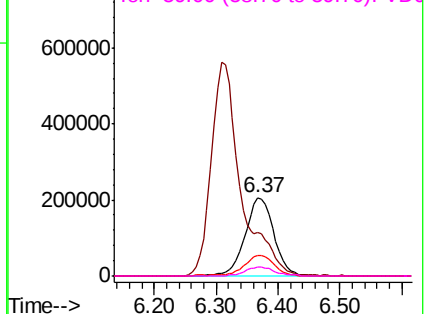
43 54.2 42.6 64.0

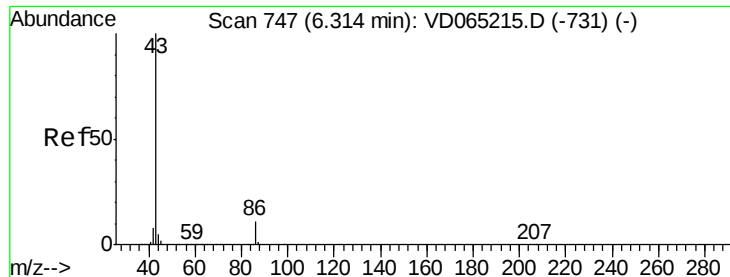
87 26.5 21.2 31.8

59 11.4 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: 265.051 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

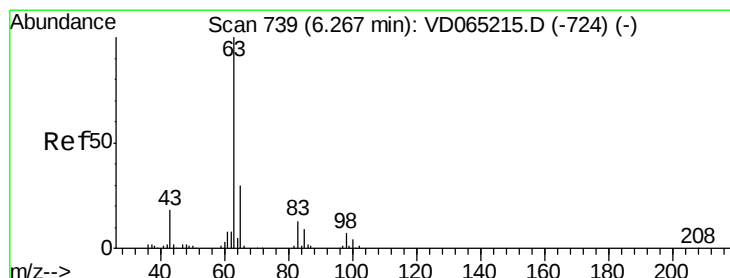
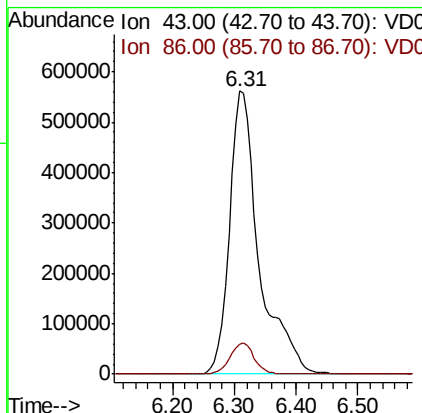
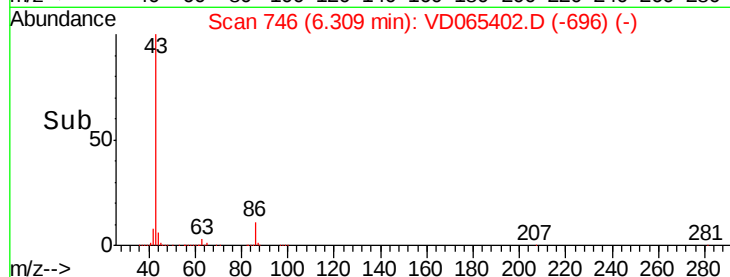
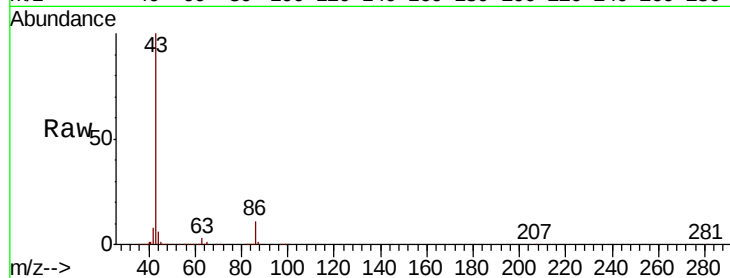
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 1866862

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 49.224 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

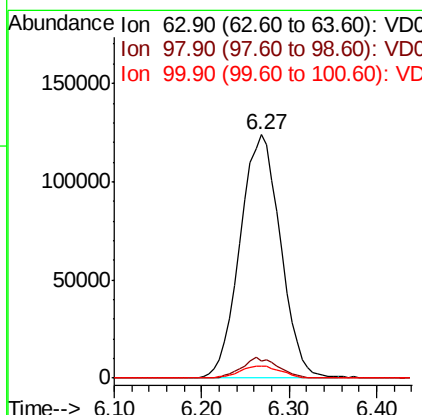
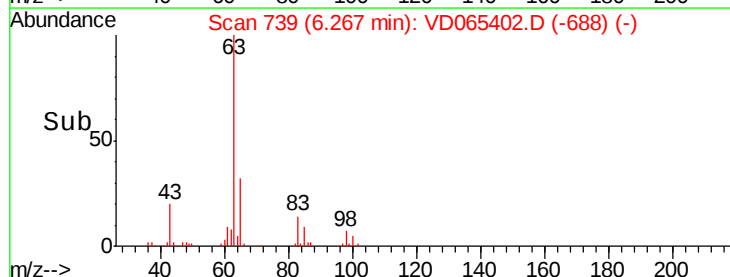
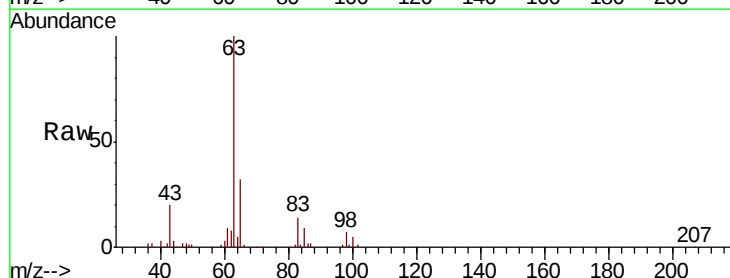
Tgt Ion: 63 Resp: 390075

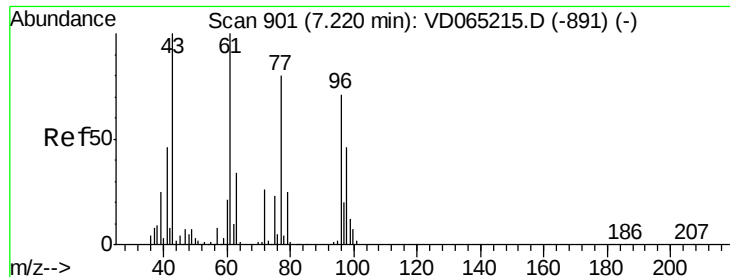
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.9 2.3 6.8

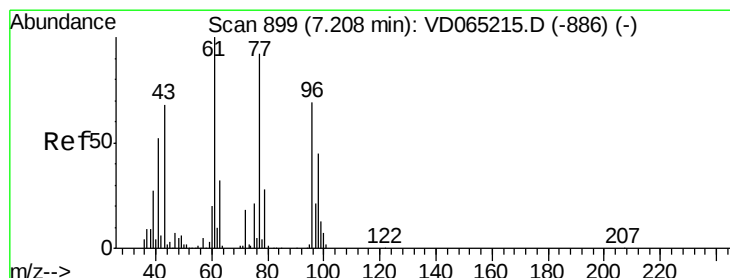
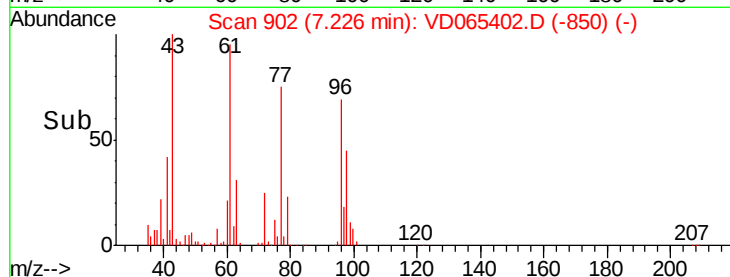
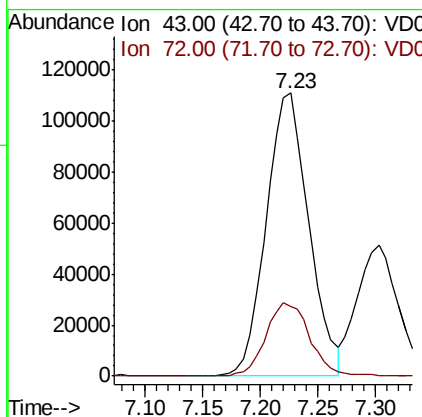
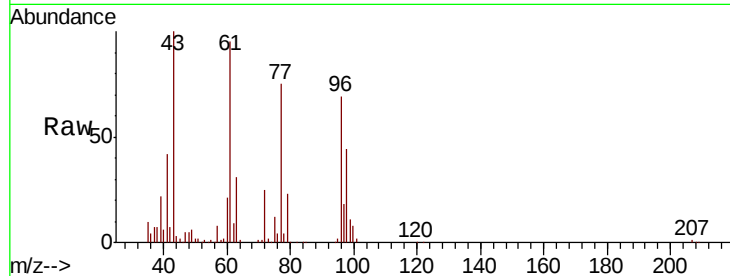




#25
2-Butanone
Concen: 233.262 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

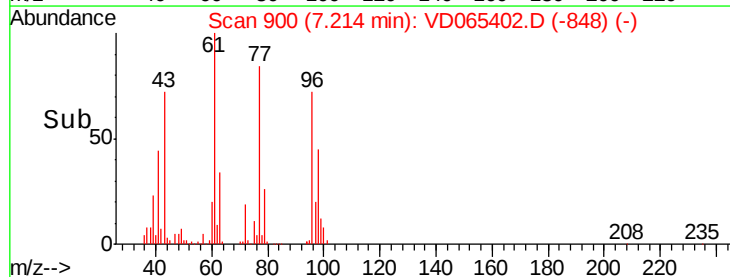
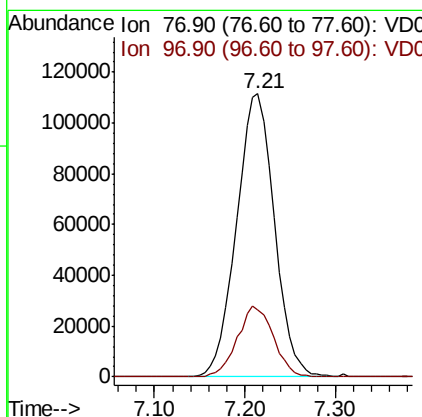
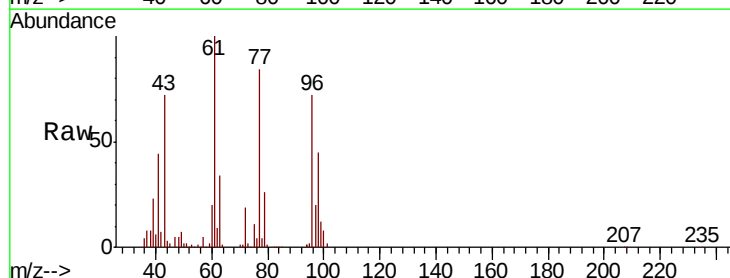
Instrument :
MSVOA_D
ClientSampled :

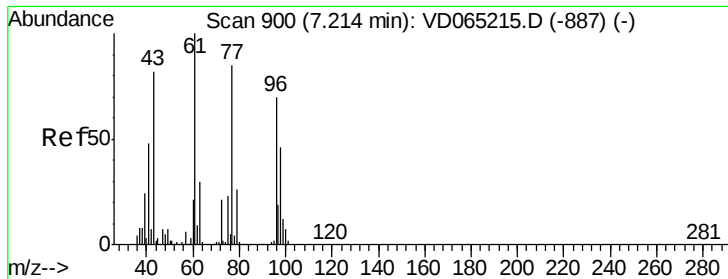
Tot Ion: 43 Resp: 285681
Ion Ratio Lower Upper
43 100
72 24.6 20.9 31.3



#26
2,2-Dichloropropane
Concen: 47.156 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 77 Resp: 324229
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.1



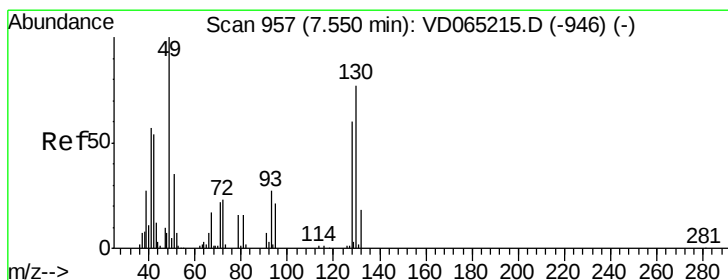
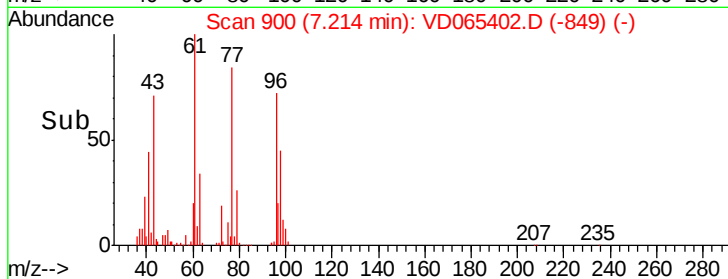
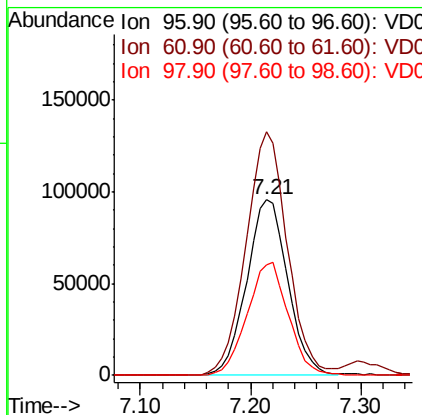
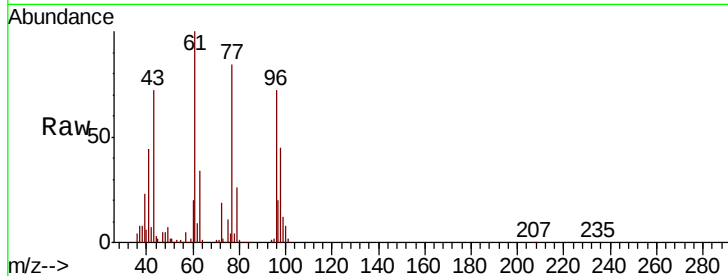


#27

cis-1,2-Dichloroethene
 Concen: 50.991 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Instrument :
 MSVOA_D
 ClientSampleId :

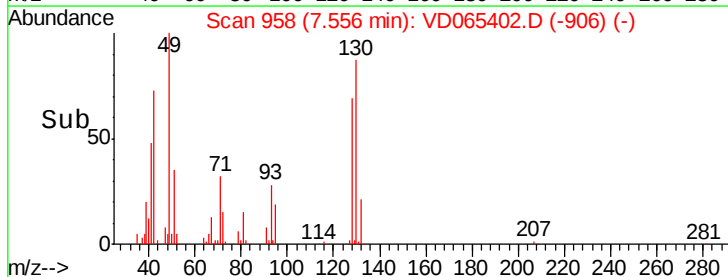
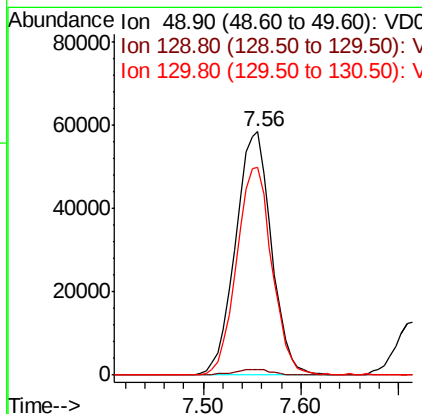
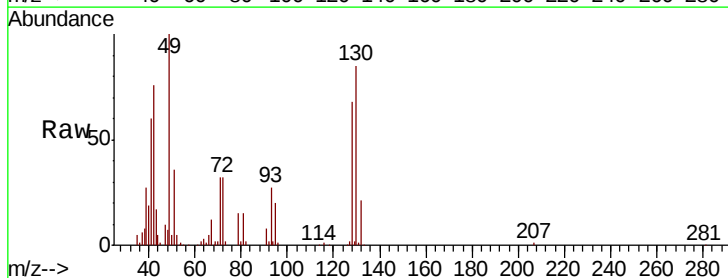
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	286.0
98	64.2	0.0	127.8

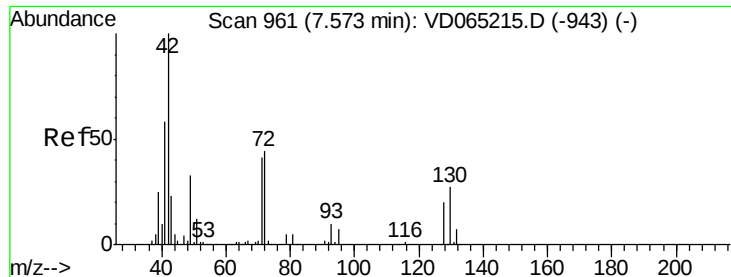


#28

Bromochloromethane
 Concen: 51.060 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	84.2	64.7	97.1

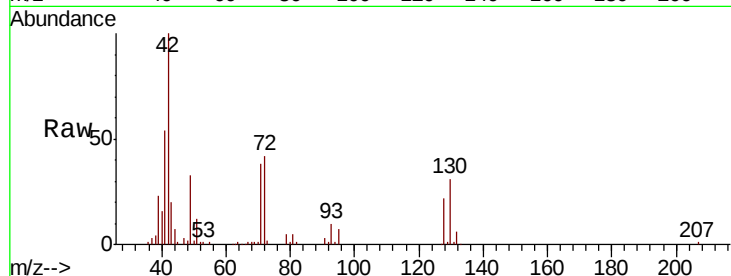




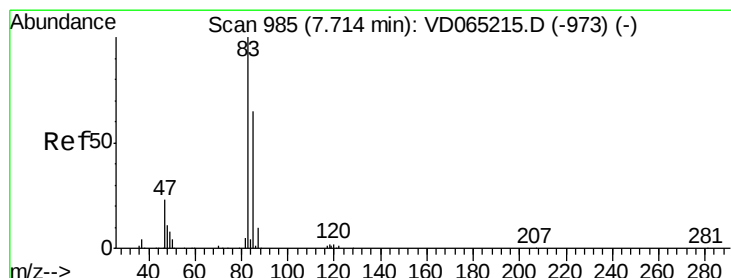
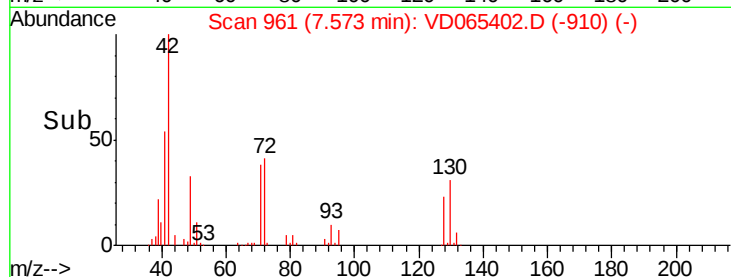
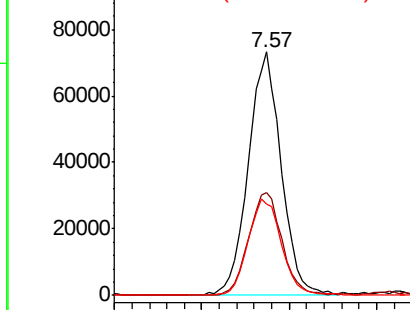
#29
Tetrahydrofuran
Concen: 261.878 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 42 Resp: 187922
Ion Ratio Lower Upper
42 100
72 42.7 33.7 50.5
71 40.0 31.4 47.2

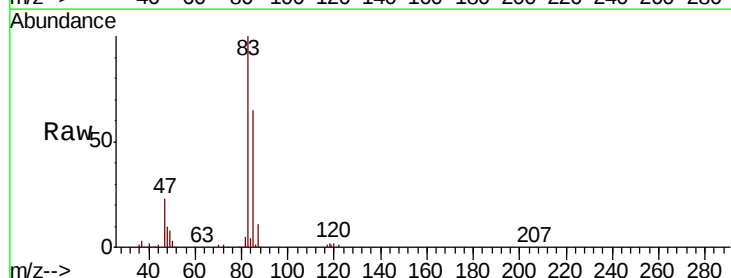


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

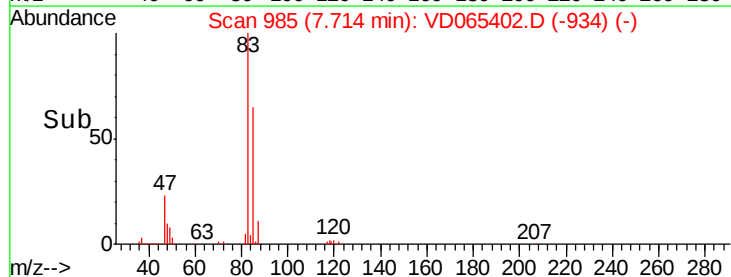
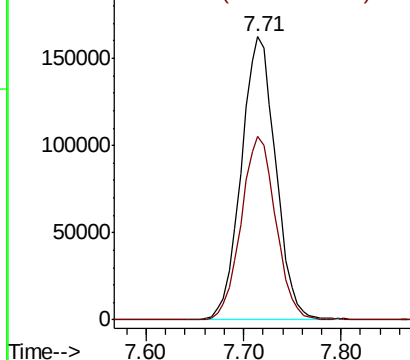


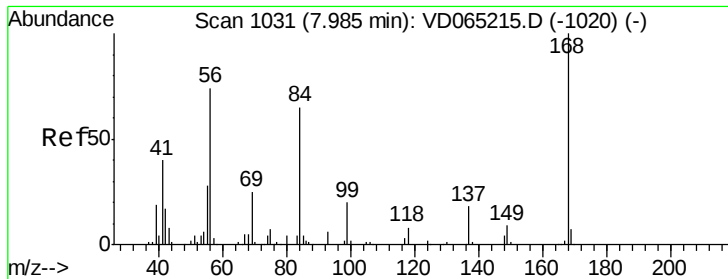
#30
Chloroform
Concen: 50.270 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 83 Resp: 401342
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5



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

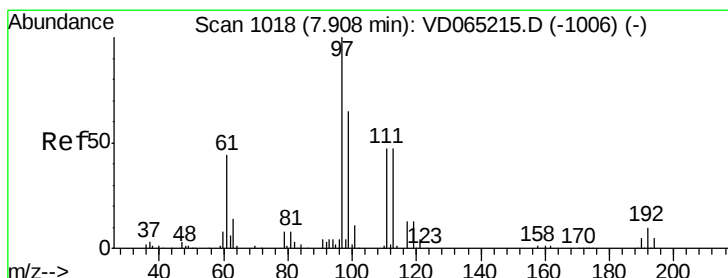
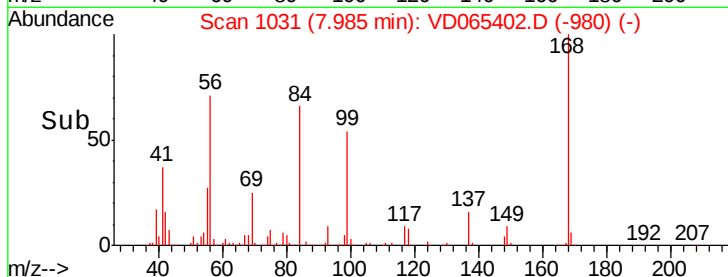
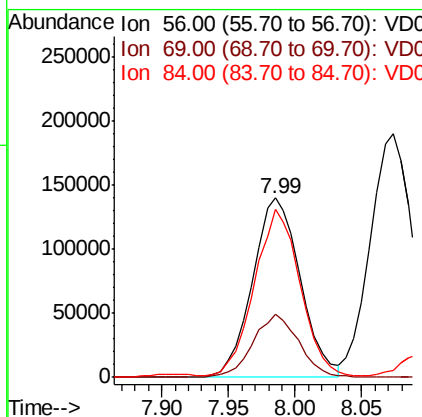
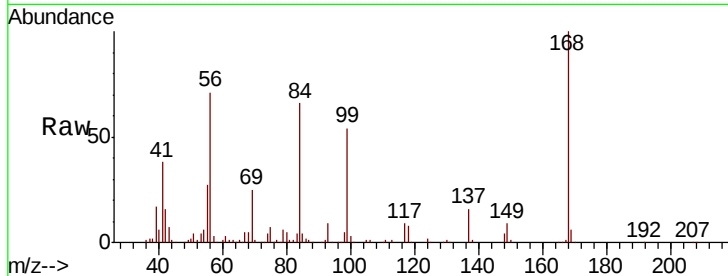




#31
Cyclohexane
Concen: 44.604 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

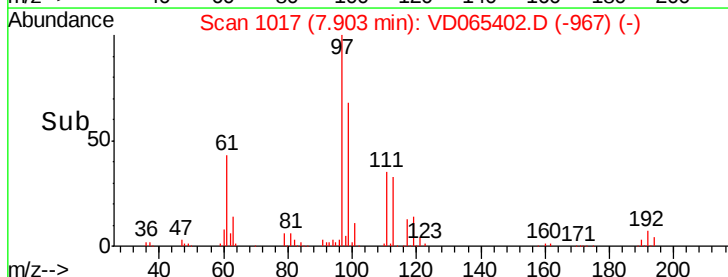
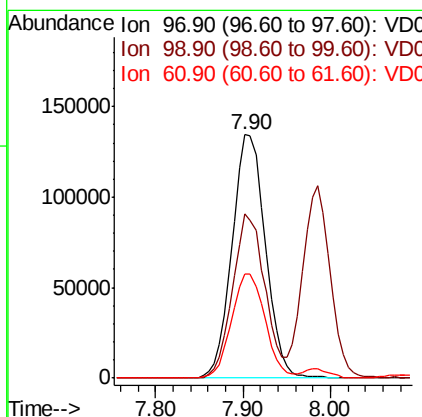
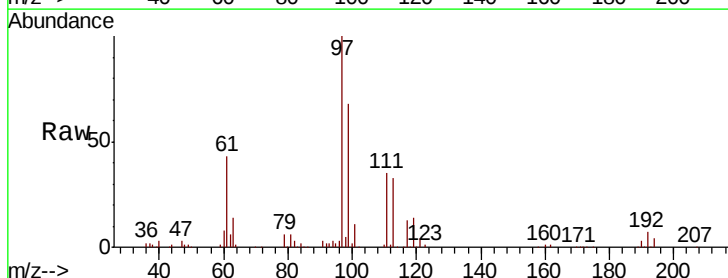
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 347287
Ion Ratio Lower Upper
56 100
69 35.5 27.4 41.0
84 91.9 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 48.661 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 97 Resp: 347595
Ion Ratio Lower Upper
97 100
99 65.8 51.4 77.2
61 42.9 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 50.042 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

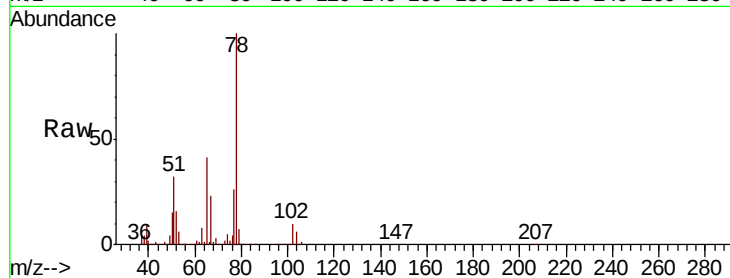
ClientSampleId :

Tot Ion: 65 Resp: 198161

Ion Ratio Lower Upper

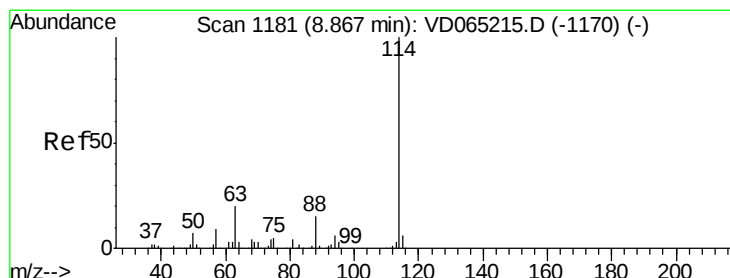
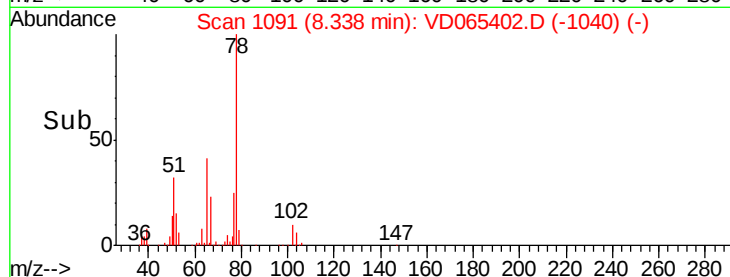
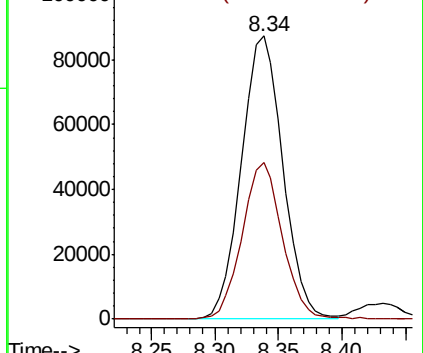
65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

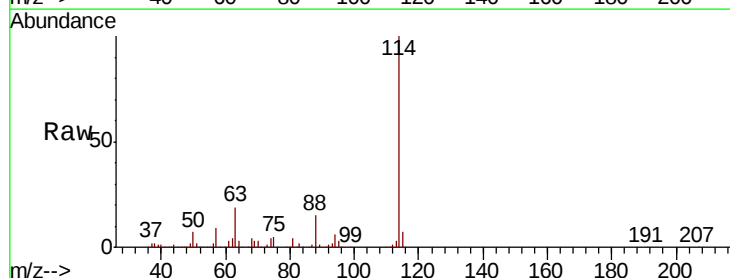
Tgt Ion: 114 Resp: 654558

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

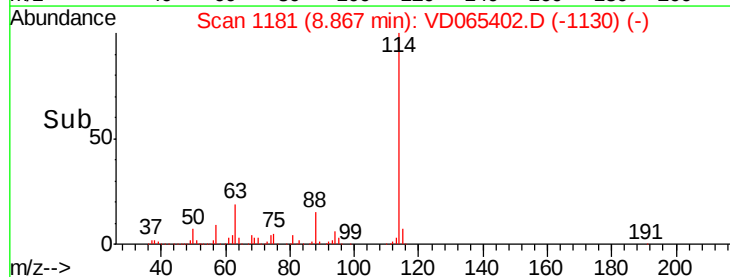
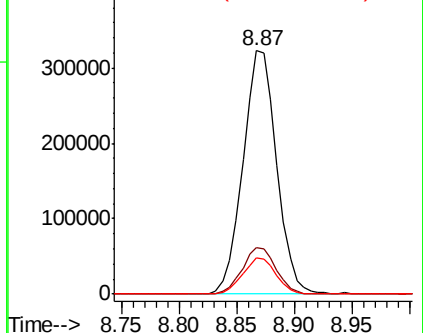
88 15.0 0.0 30.4

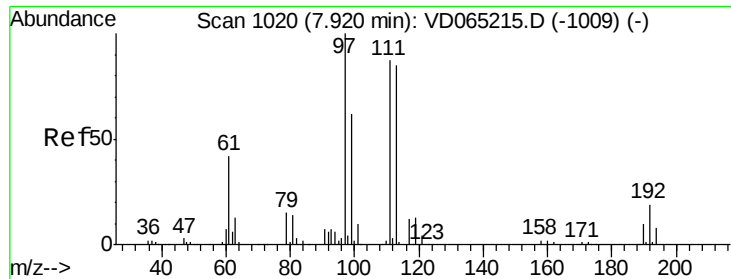


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

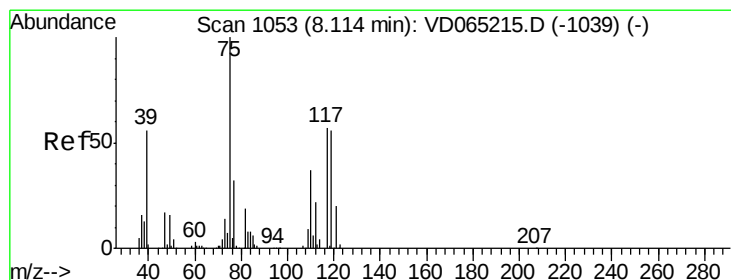
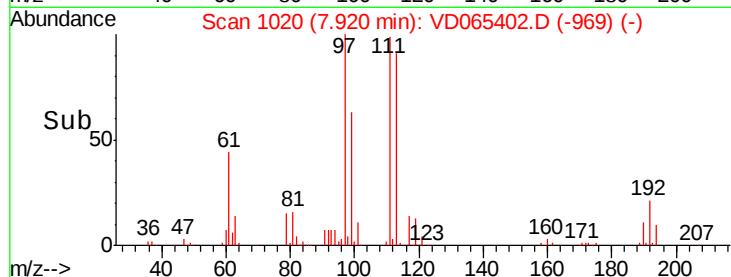
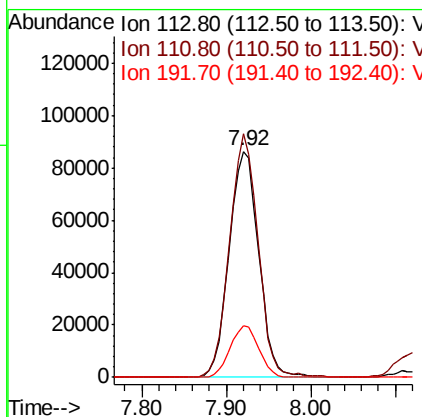
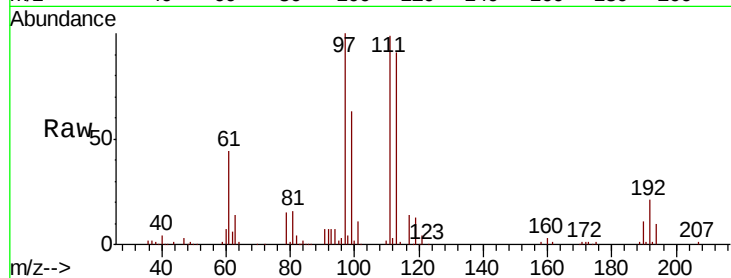




#35
 Dibromofluoromethane
 Concen: 52.240 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

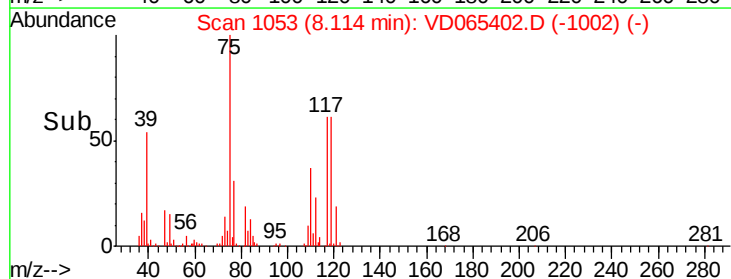
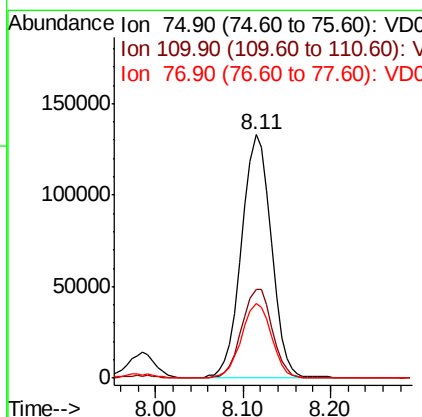
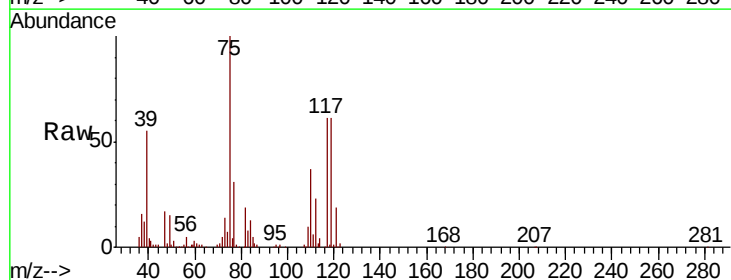
Instrument :
 MSVOA_D
 ClientSampleId :

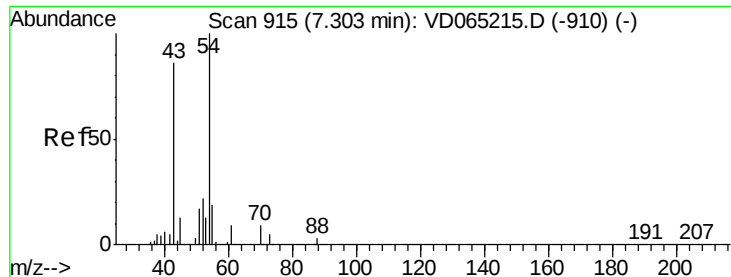
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	22.1	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 48.423 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.9	53.7
77	31.3	25.1	37.7

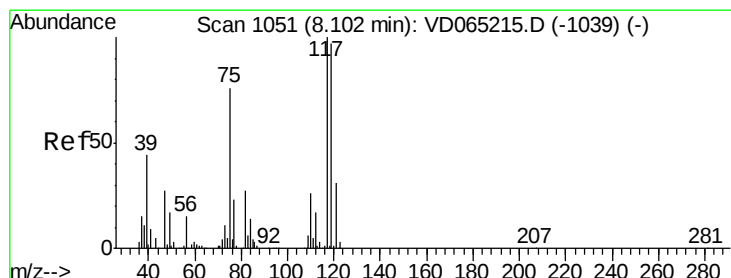
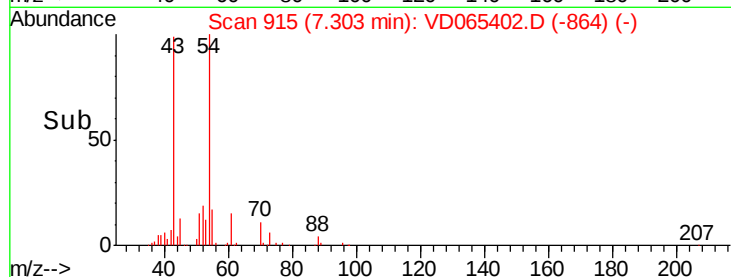
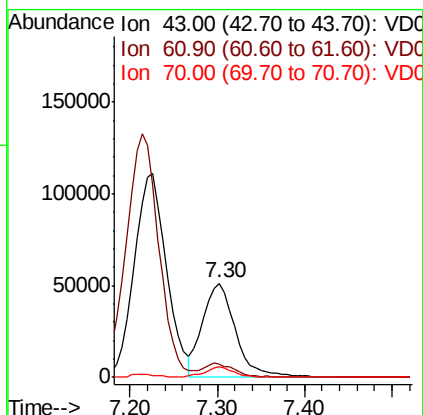
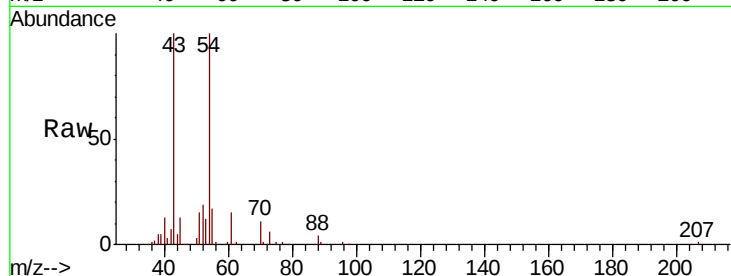




#37
Ethyl Acetate
Concen: 49.786 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

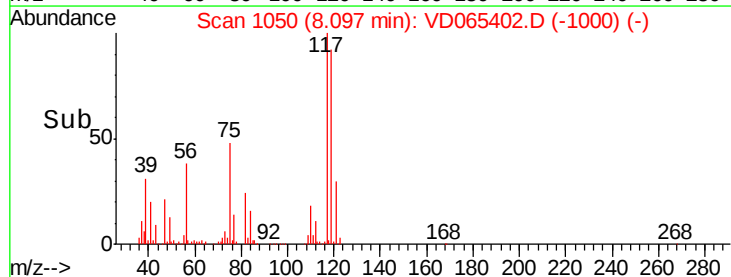
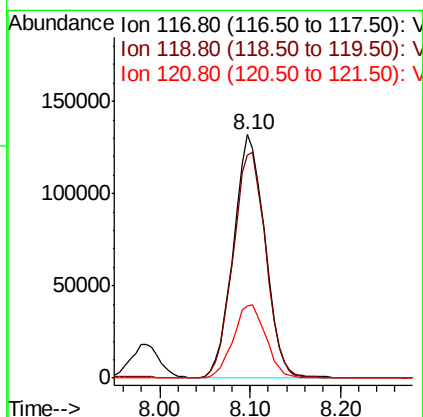
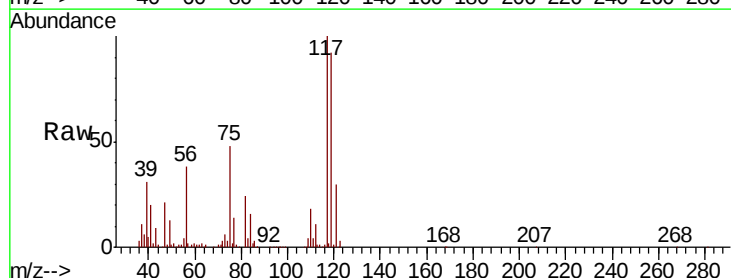
Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 43 Resp: 132554
Ion Ratio Lower Upper
43 100
61 12.9 11.2 16.8
70 10.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 49.209 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 117 Resp: 319045
Ion Ratio Lower Upper
117 100
119 91.9 77.6 116.4
121 29.7 24.8 37.2

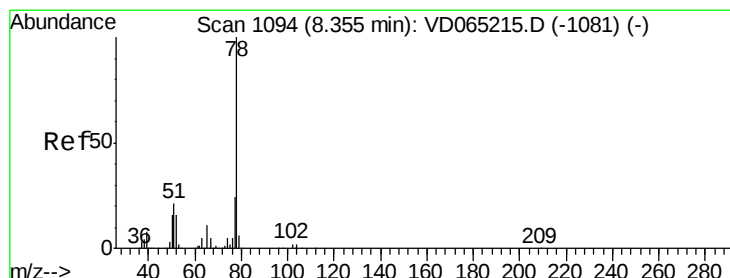
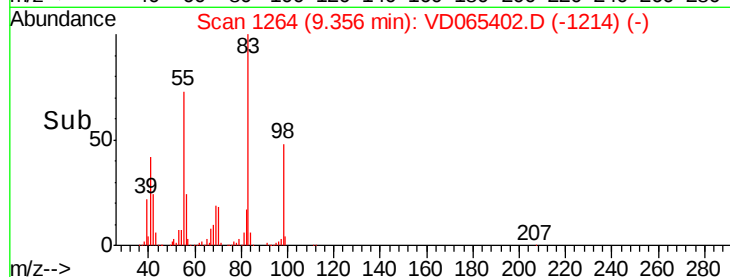
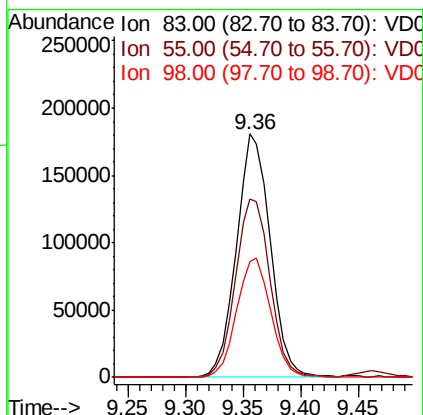
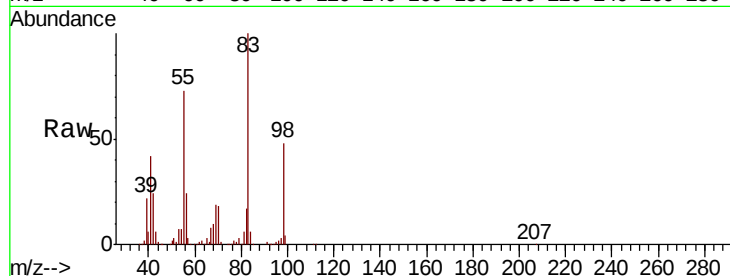




#39
Methvlcvclohexane
Concen: 49.354 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

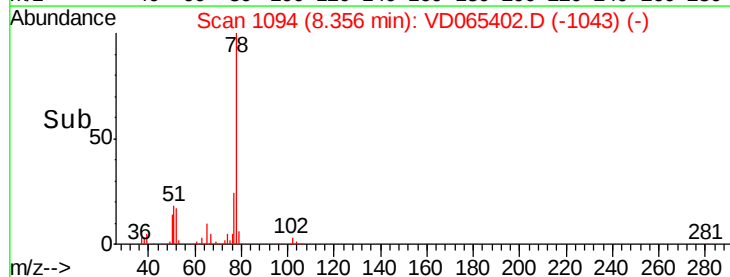
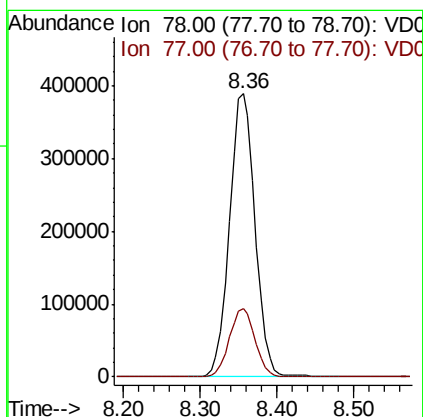
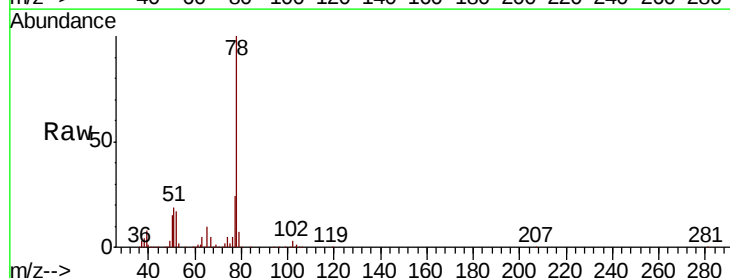
Instrument :
MSVOA_D
ClientSampleId :

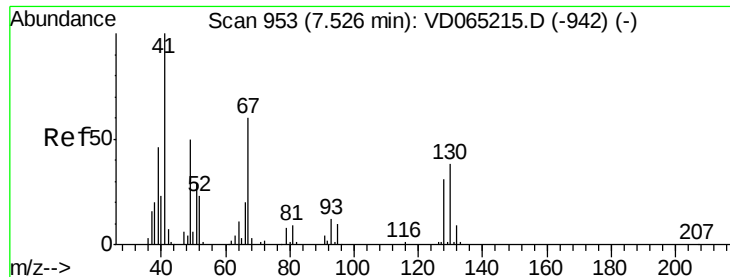
Tot Ion: 83 Resp: 369538
Ion Ratio Lower Upper
83 100
55 73.4 61.8 92.6
98 47.6 39.4 59.0



#40
Benzene
Concen: 50.154 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 78 Resp: 901601
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

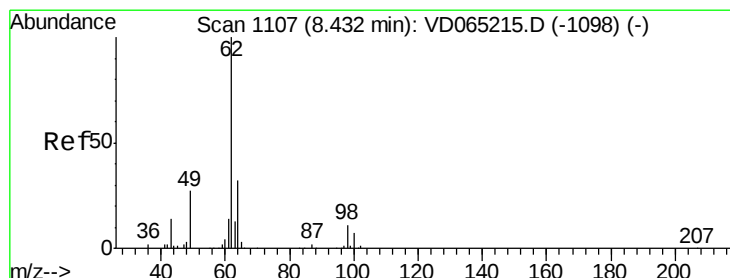
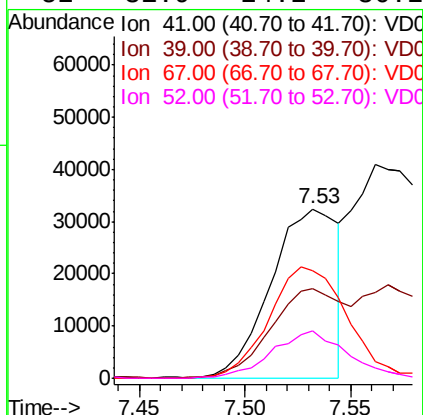
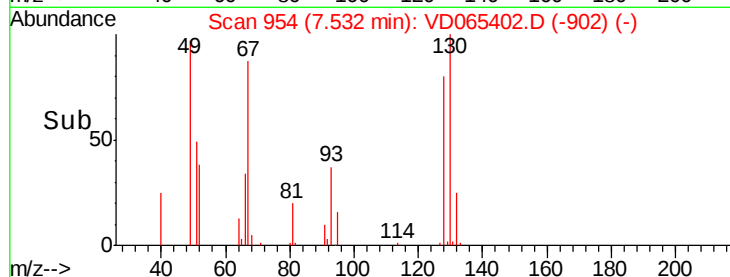
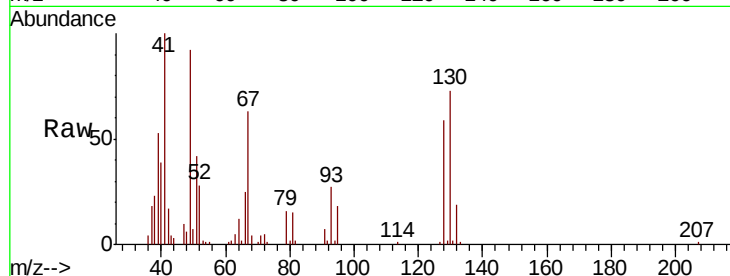




#41
Methacrylonitrile
Concen: 46.824 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

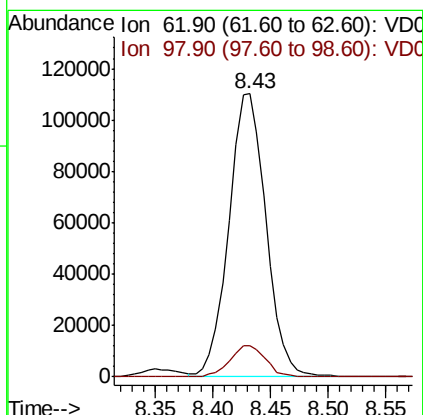
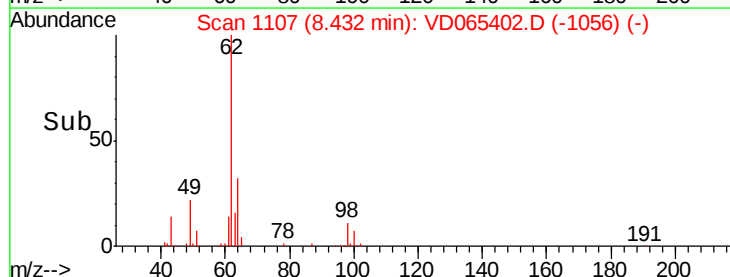
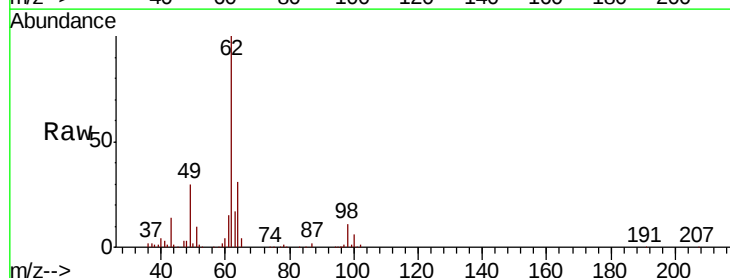
Instrument :
MSVOA_D
ClientSampleId :

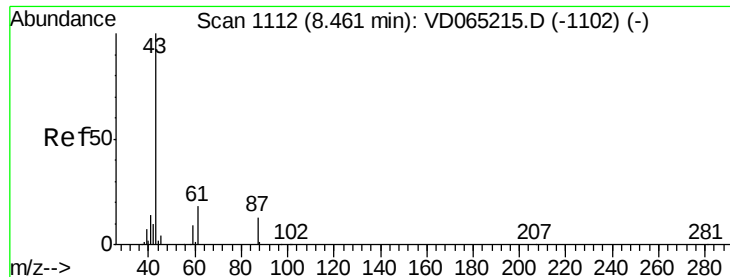
Tot Ion:	41	Resp:	71983
Ion	Ratio	Lower	Upper
41	100		
39	58.8	48.1	72.1
67	76.9	58.9	88.3
52	31.9	24.2	36.2



#42
1,2-Dichloroethane
Concen: 49.512 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion:	62	Resp:	244690
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6





#43

Isopropyl Acetate

Concen: 51.179 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

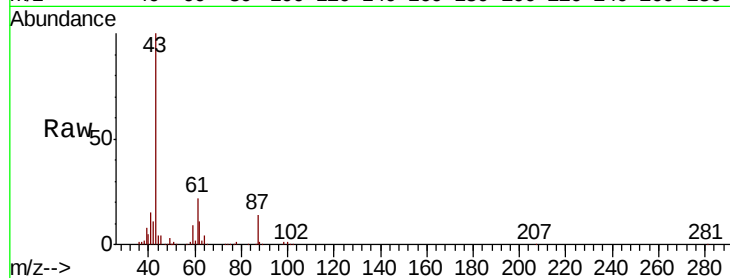
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 247792

Ion	Ratio	Lower	Upper
43	100		
61	31.8	24.6	36.8
87	13.7	10.6	16.0

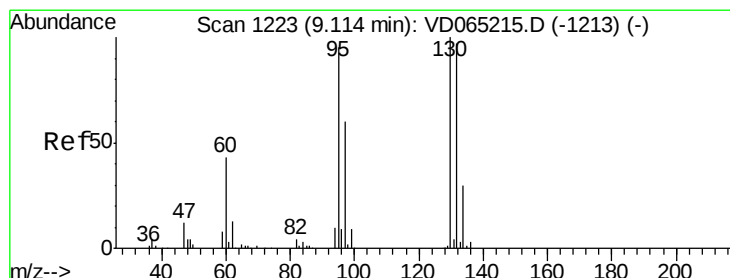
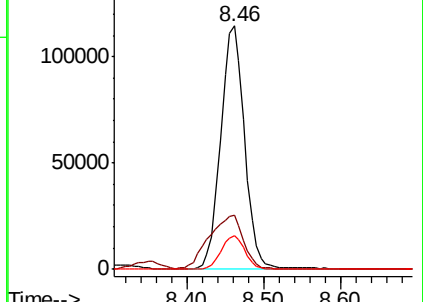
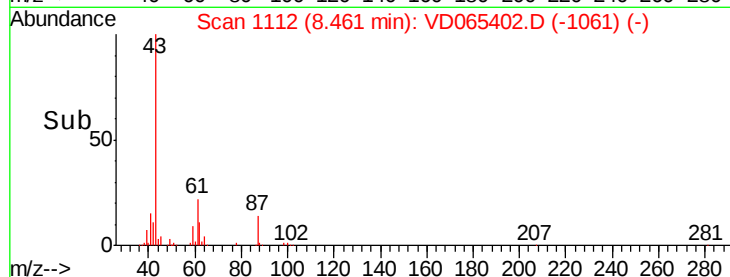


Abundance

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: 50.658 ug/l

RT: 9.11 min Scan# 1223

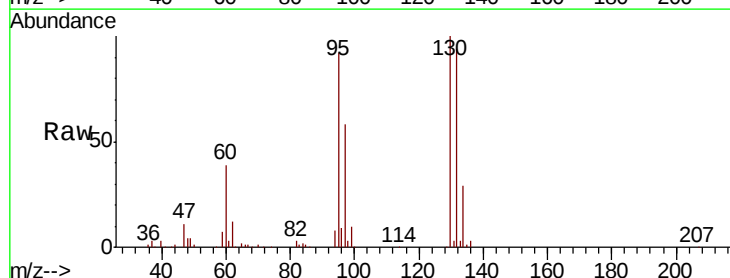
Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Tgt Ion: 130 Resp: 252436

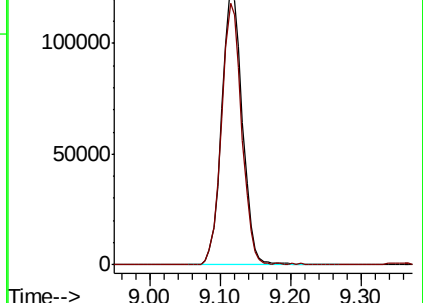
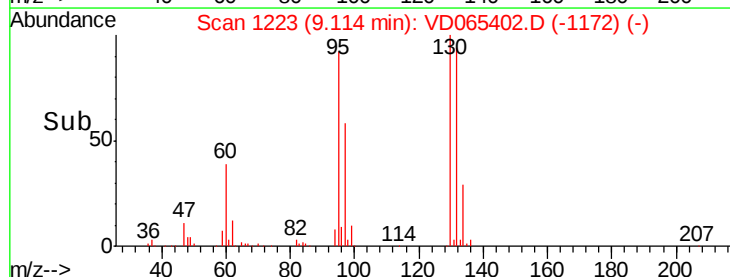
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	190.6

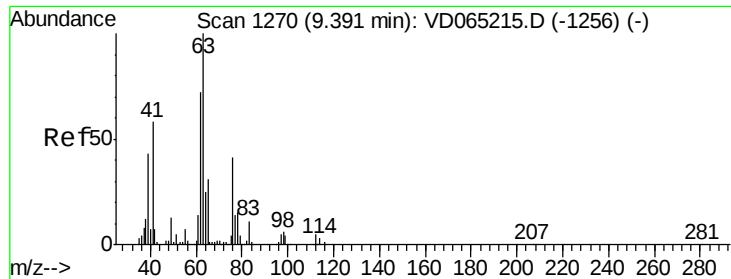


Abundance

Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

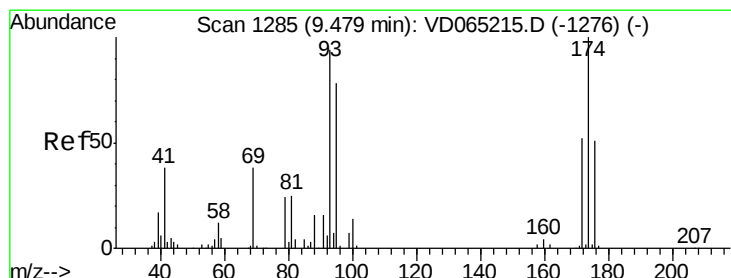
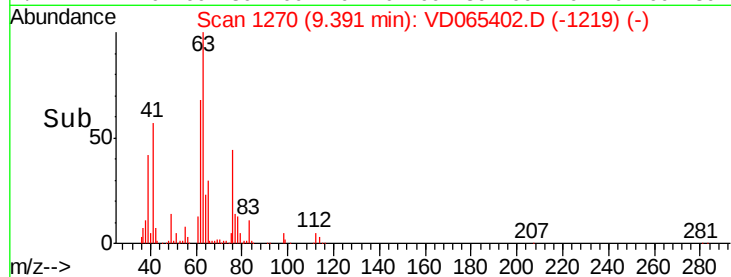
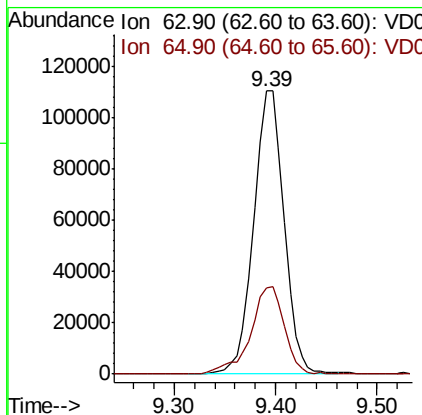
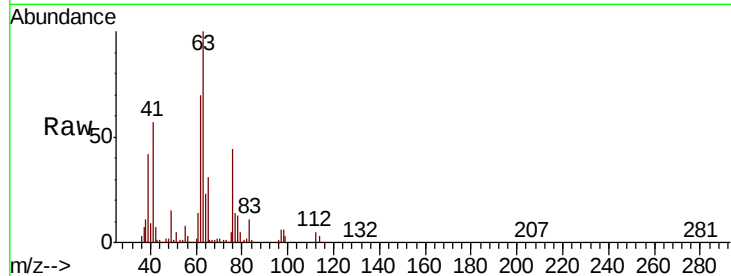




#45
 1,2-Dichloropropane
 Concen: 51.491 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

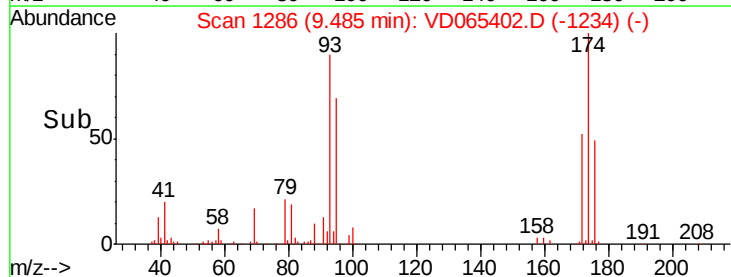
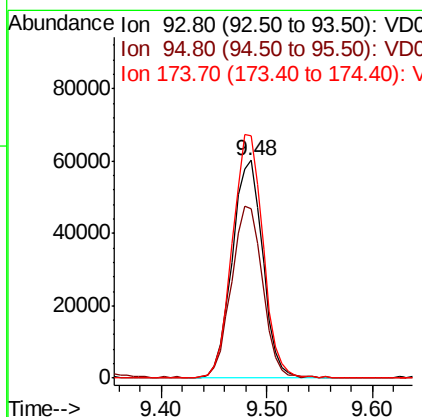
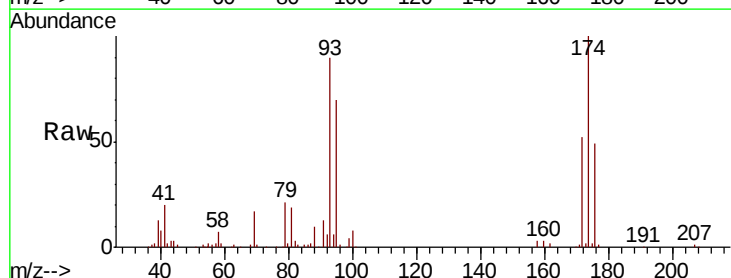
Instrument :
 MSVOA_D
 ClientSampleId :

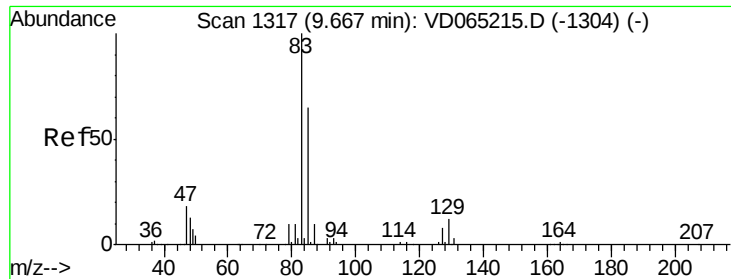
Tot Ion: 63 Resp: 230167
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.9 37.3



#46
 Dibromomethane
 Concen: 52.595 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion: 93 Resp: 120965
 Ion Ratio Lower Upper
 93 100
 95 80.7 65.8 98.6
 174 111.2 86.8 130.2

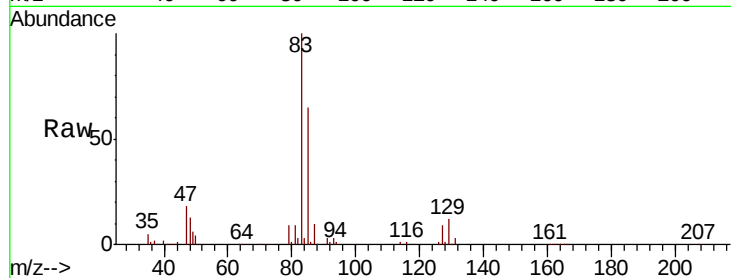




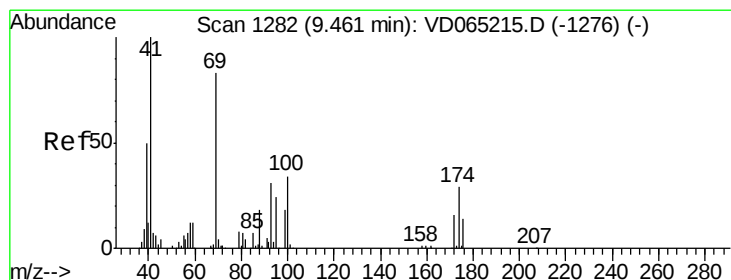
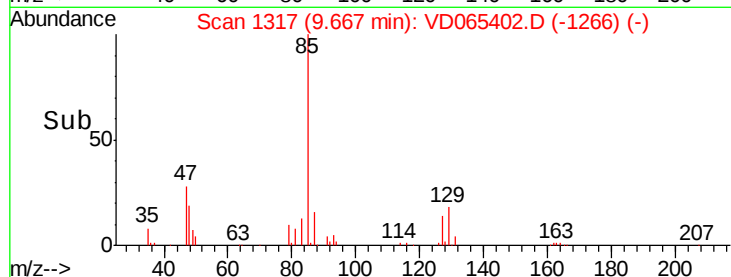
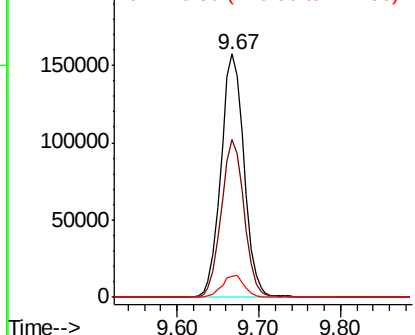
#47
Bromodichloromethane
Concen: 51.234 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 310537
Ion Ratio Lower Upper
83 100
85 64.9 52.0 78.0
127 8.8 6.7 10.1

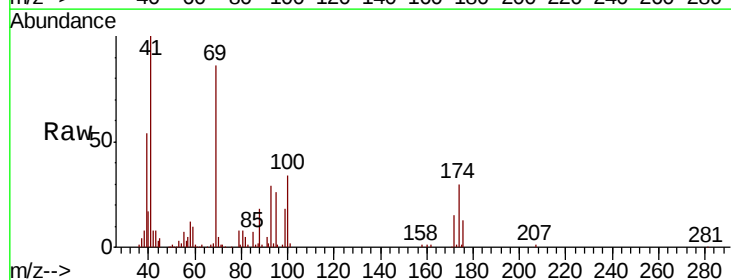


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

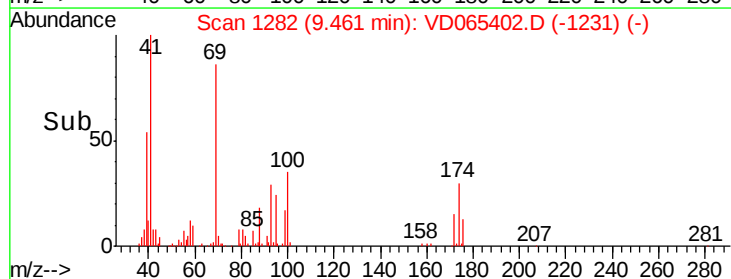
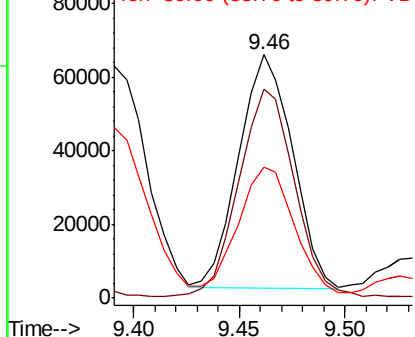


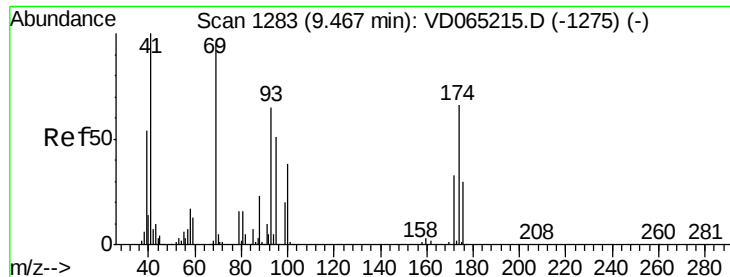
#48
Methyl methacrylate
Concen: 50.419 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 41 Resp: 112836
Ion Ratio Lower Upper
41 100
69 92.8 68.2 102.2
39 59.6 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

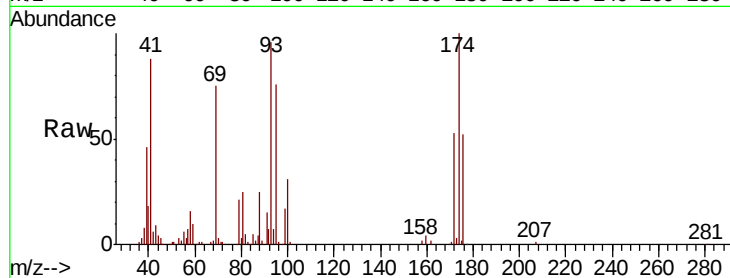




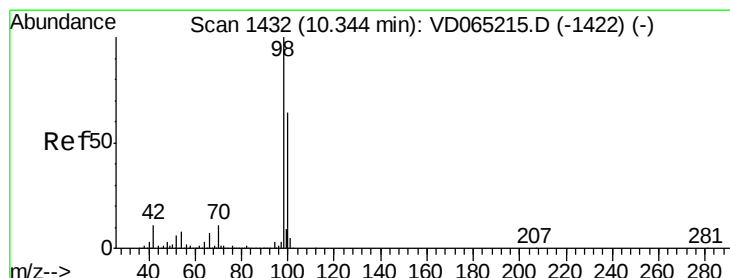
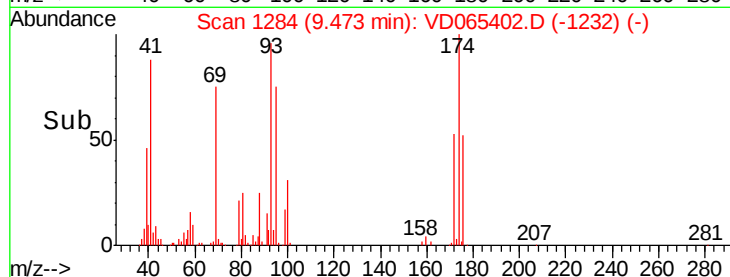
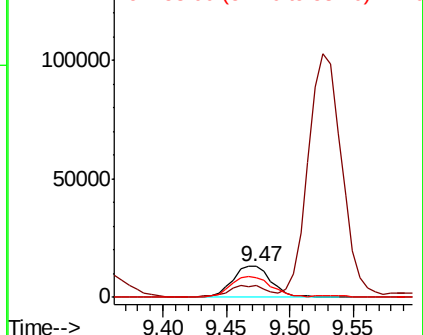
#49
1,4-Dioxane
Concen: 1027.178 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 27708
Ion Ratio Lower Upper
88 100
43 38.9 28.5 42.7
58 70.2 58.6 87.8

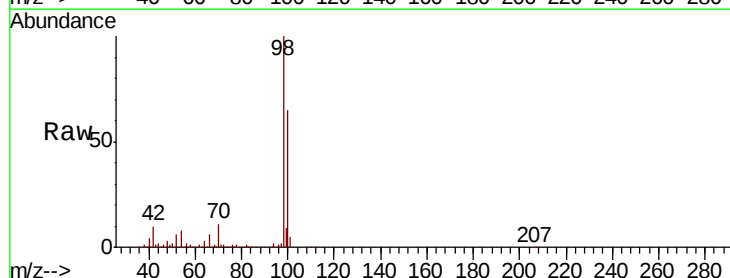


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

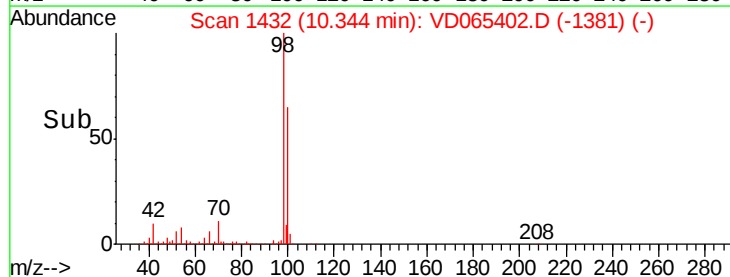
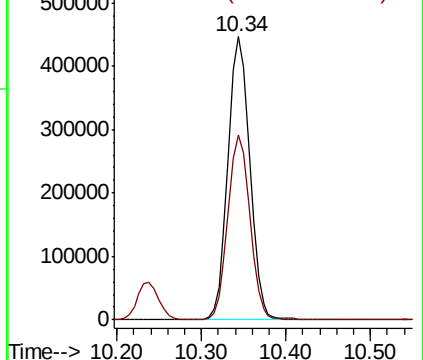


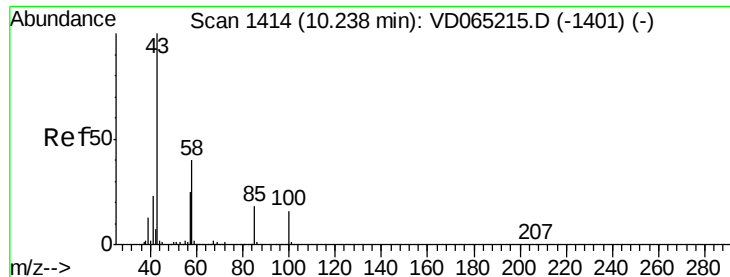
#50
Toluene-d8
Concen: 52.266 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 98 Resp: 797461
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



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

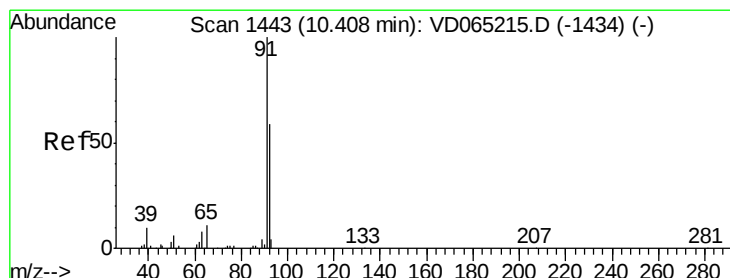
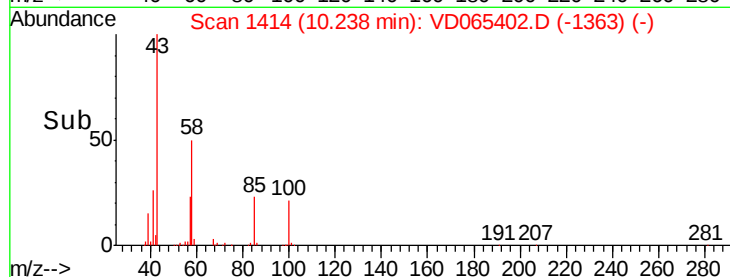
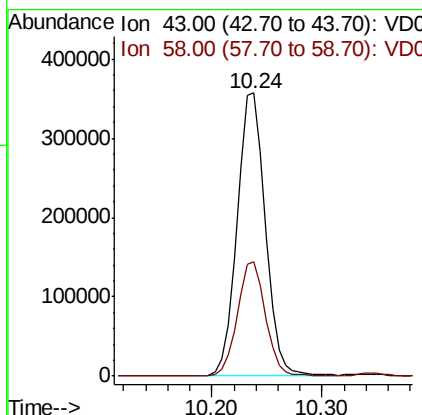
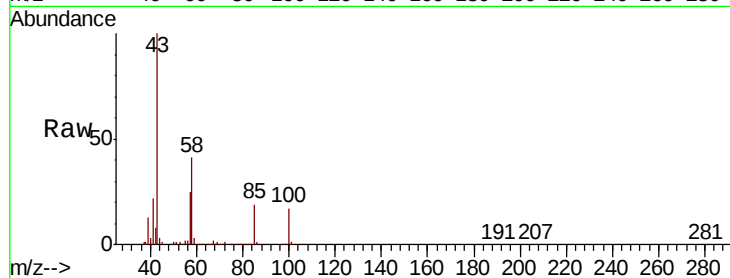




#51
4-Methyl-2-Pentanone
Concen: 262.428 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

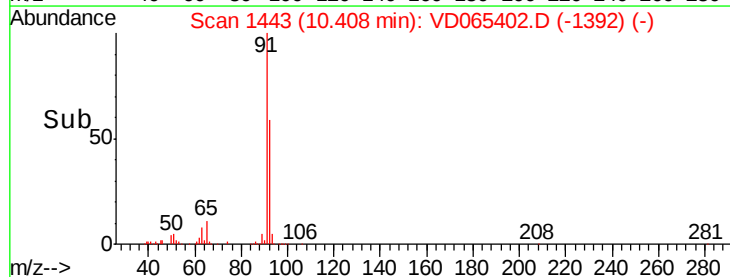
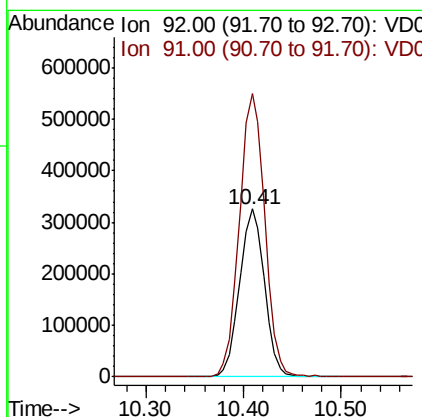
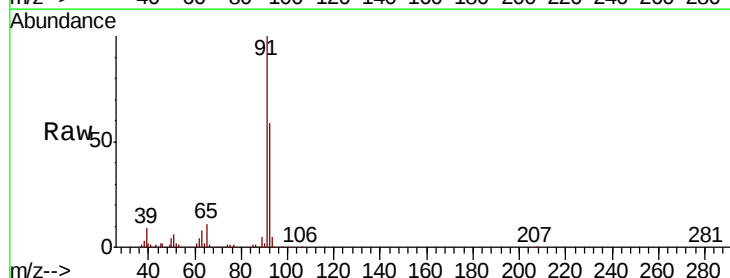
Instrument :
MSVOA_D
ClientSampled :

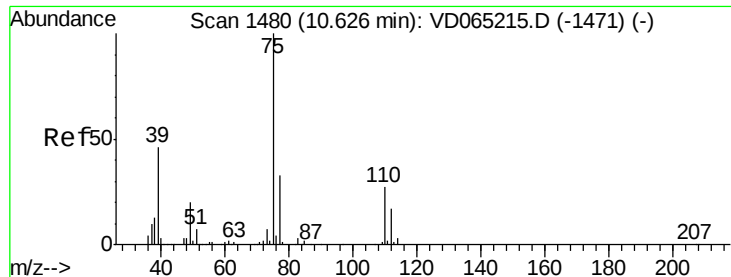
Tot Ion: 43 Resp: 645346
Ion Ratio Lower Upper
43 100
58 40.0 31.1 46.7



#52
Toluene
Concen: 52.262 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 92 Resp: 581536
Ion Ratio Lower Upper
92 100
91 172.0 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 52.259 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

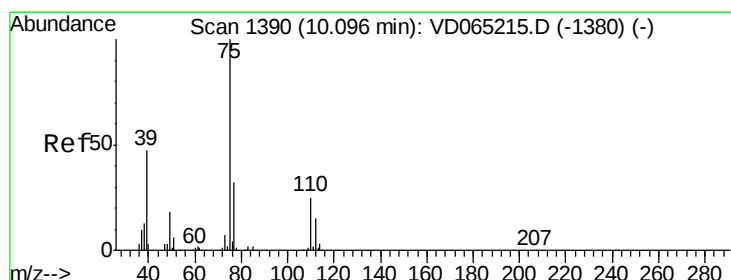
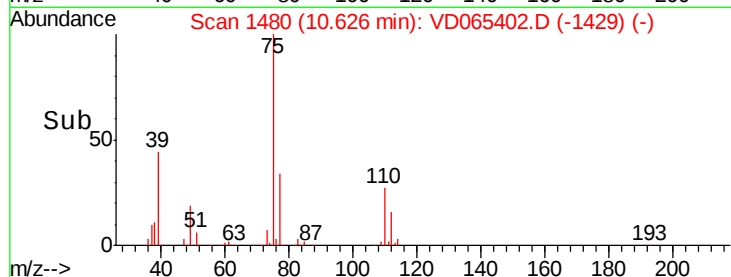
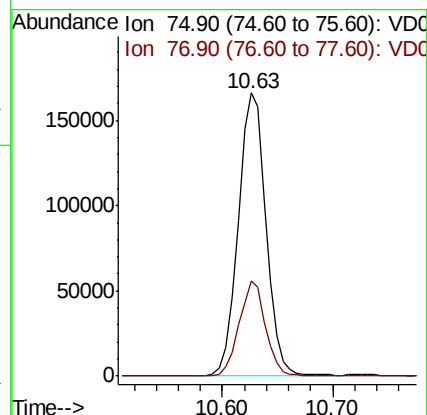
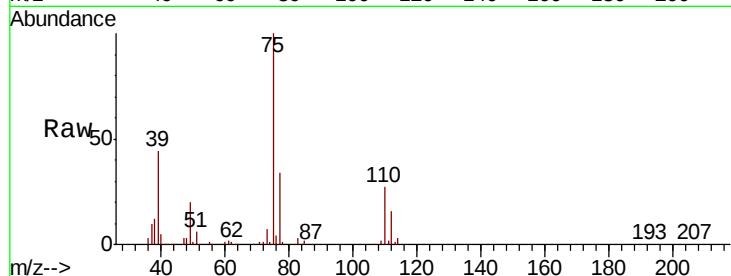
ClientSampleId :

Tot Ion: 75 Resp: 293600

Ion Ratio Lower Upper

75 100

77 33.7 26.6 40.0



#54

cis-1,3-Dichloropropene

Concen: 52.844 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

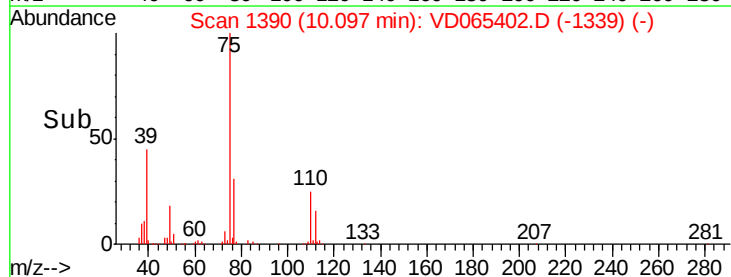
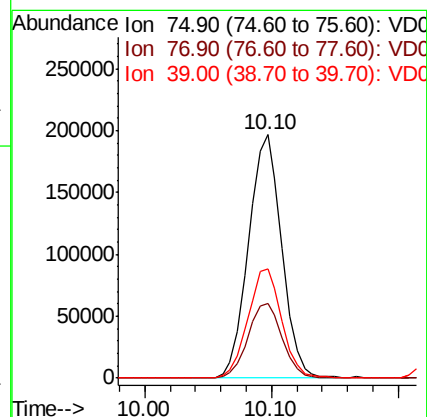
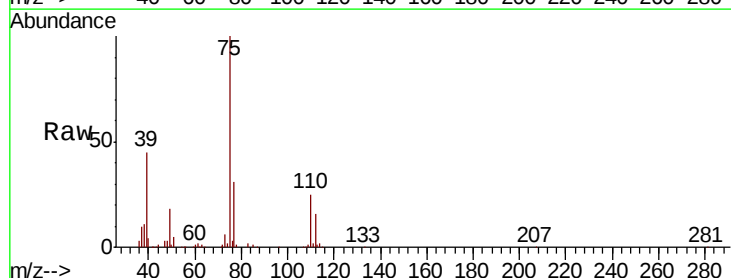
Tgt Ion: 75 Resp: 358504

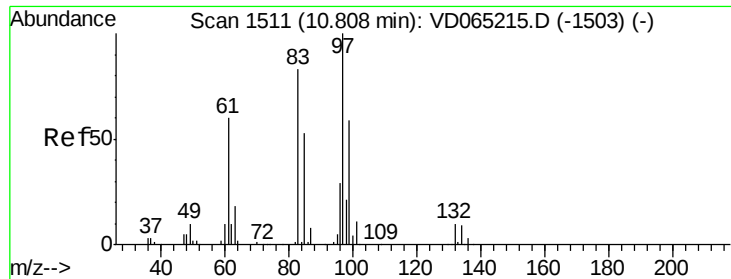
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.8

39 44.8 37.3 55.9

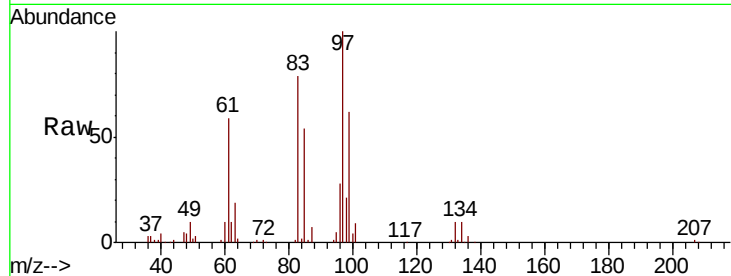




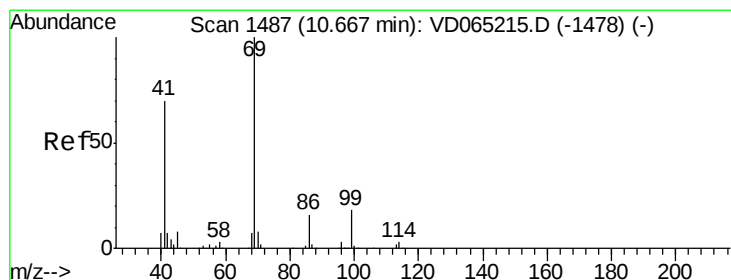
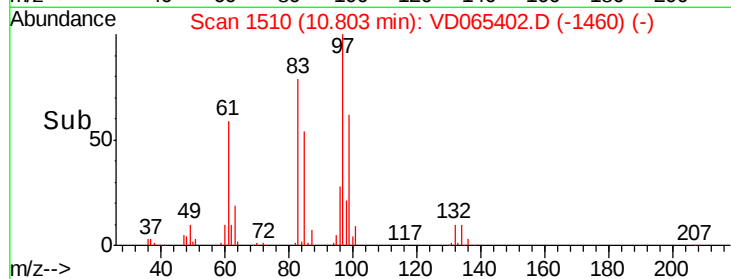
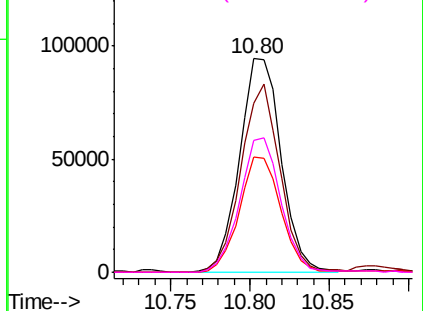
#55
 1,1,2-Trichloroethane
 Concen: 53.429 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	172960
Ion	Ratio	Lower	Upper
97	100		
83	79.2	66.7	100.1
85	53.8	42.4	63.6
99	62.0	47.5	71.3

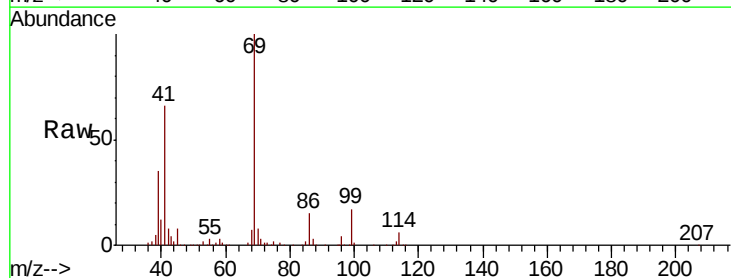


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

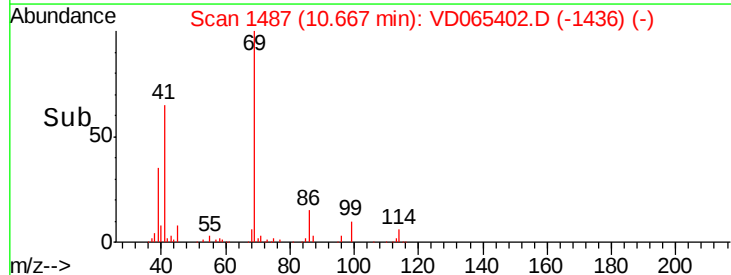
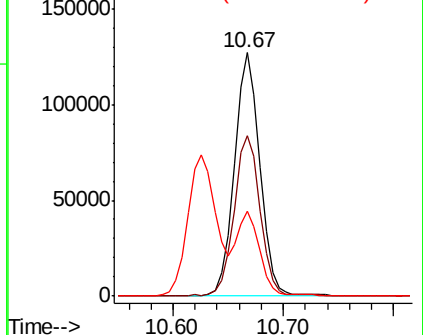


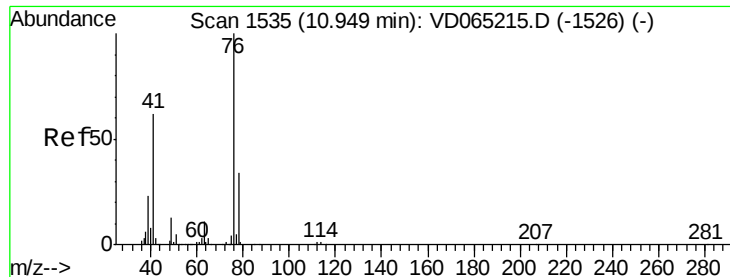
#56
 Ethyl methacrylate
 Concen: 55.197 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion:	69	Resp:	206237
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.6	81.8
39	32.3	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: 52.760 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

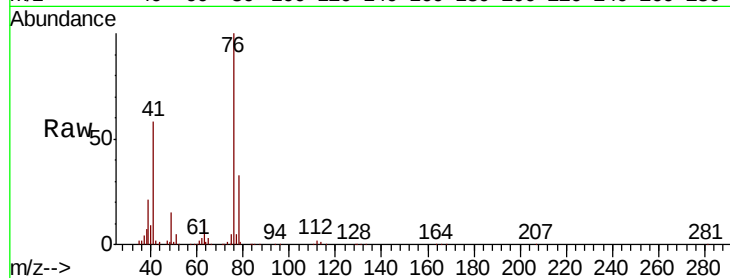
ClientSampleId :

Tot Ion: 76 Resp: 290685

Ion Ratio Lower Upper

76 100

78 32.6 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

150000

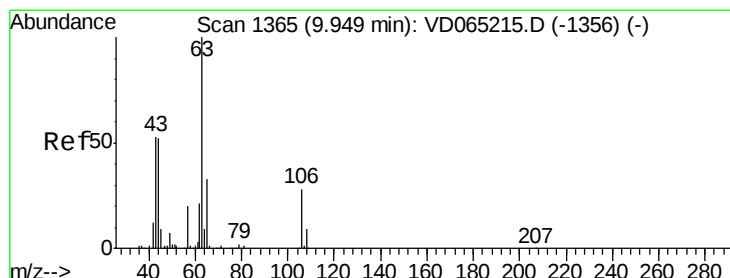
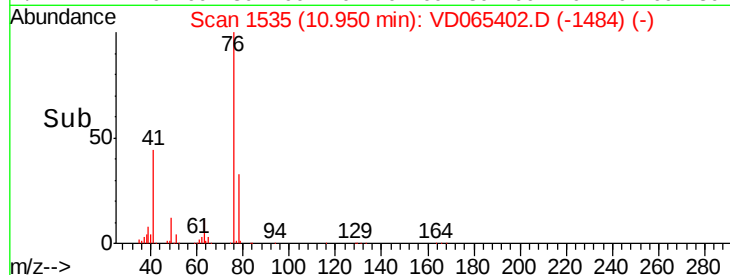
100000

50000

0

Time-->

10.90 11.00 11.10



#58

2-Chloroethyl Vinyl ether

Concen: 229.926 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065402.D

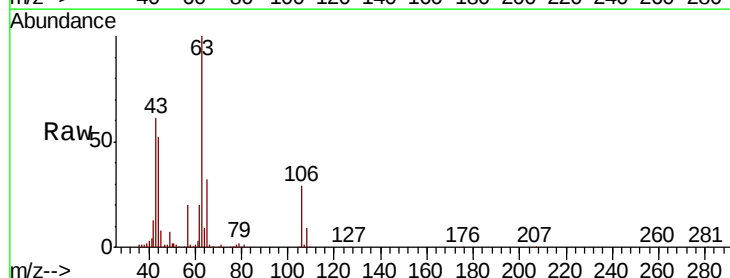
Acq: 03 Mar 2020 18:54

Tgt Ion: 63 Resp: 270850

Ion Ratio Lower Upper

63 100

106 29.6 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

150000

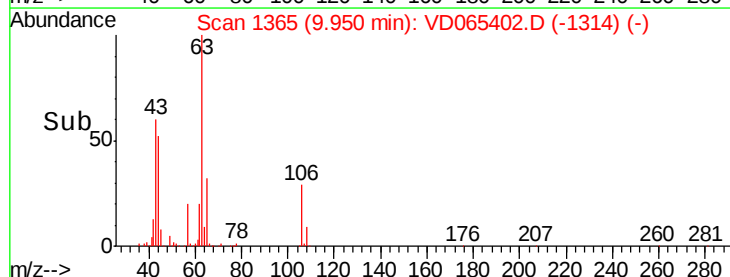
100000

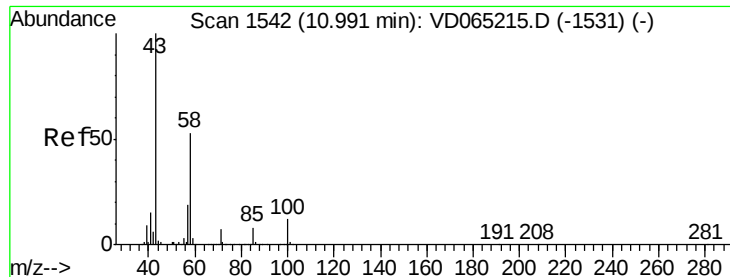
50000

0

Time-->

9.90 10.00 10.10

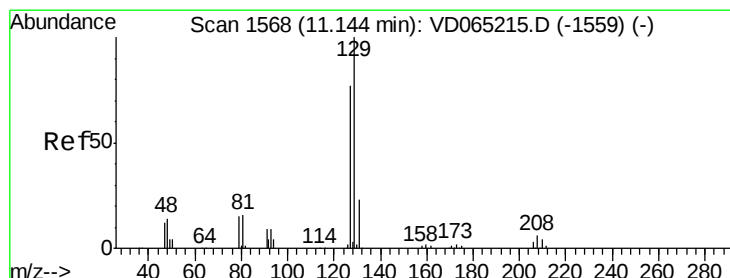
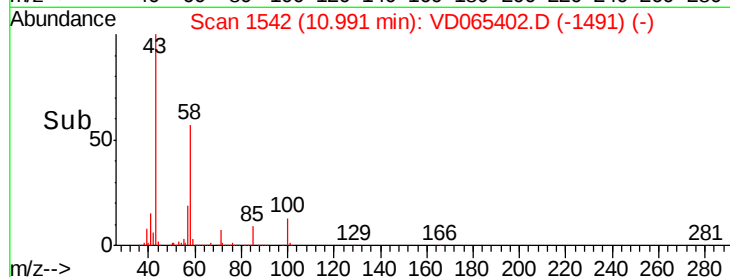
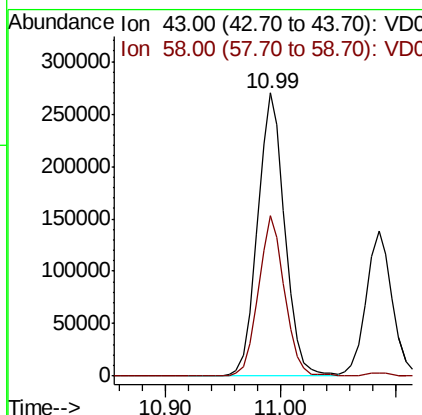
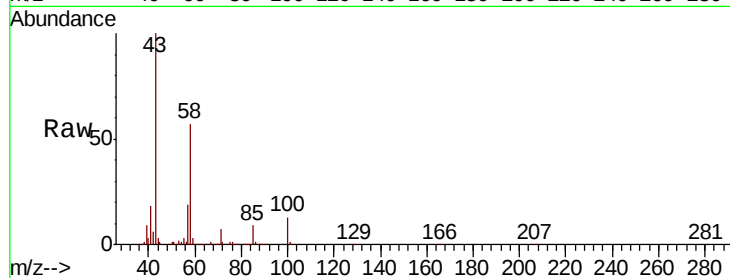




#59
2-Hexanone
Concen: 251.209 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

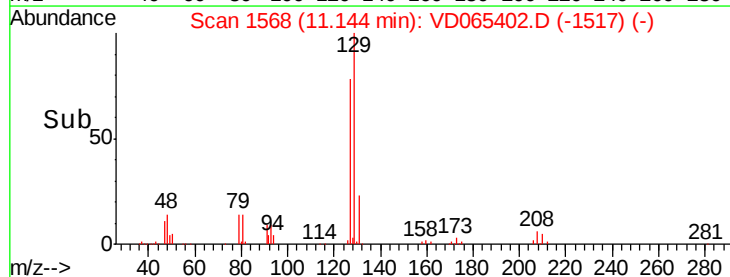
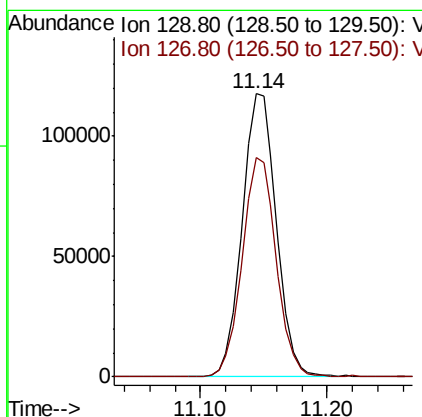
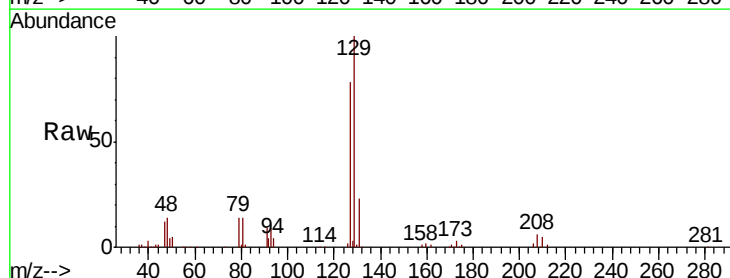
Instrument :
MSVOA_D
ClientSampleID :

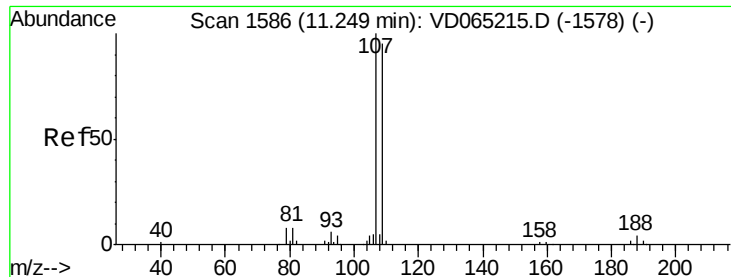
Tot Ion: 43 Resp: 442216
Ion Ratio Lower Upper
43 100
58 54.5 26.3 78.8



#60
Dibromochloromethane
Concen: 53.040 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 129 Resp: 219761
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

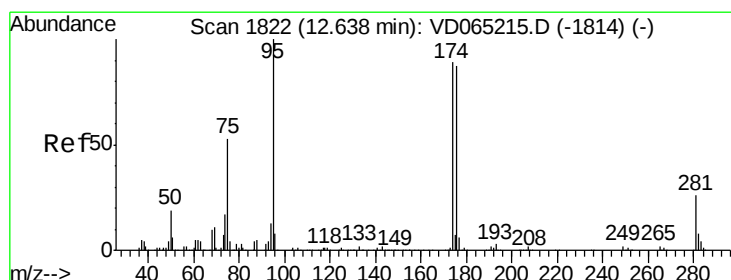
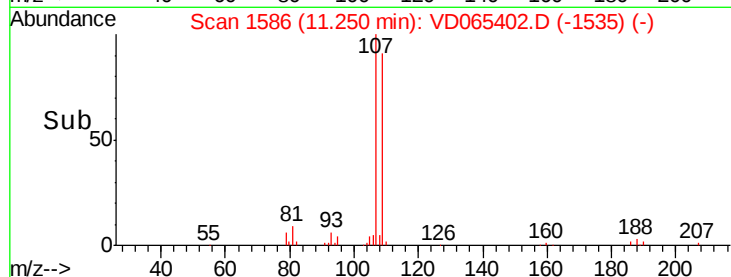
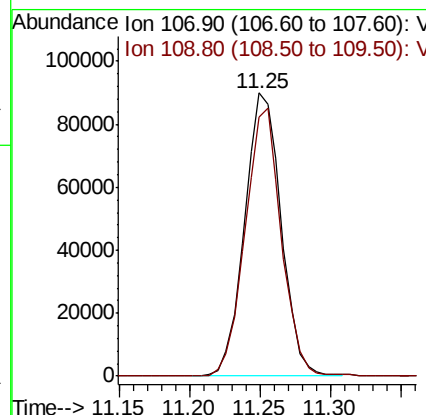
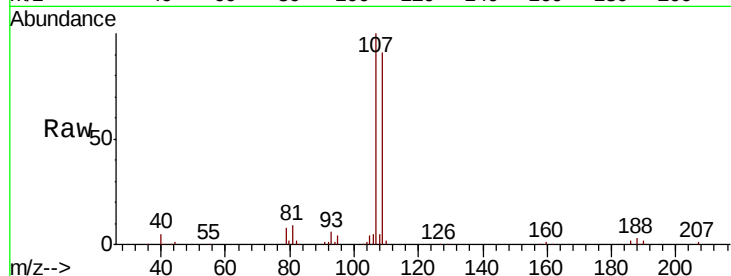




#61
 1,2-Dibromoethane
 Concen: 53.240 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

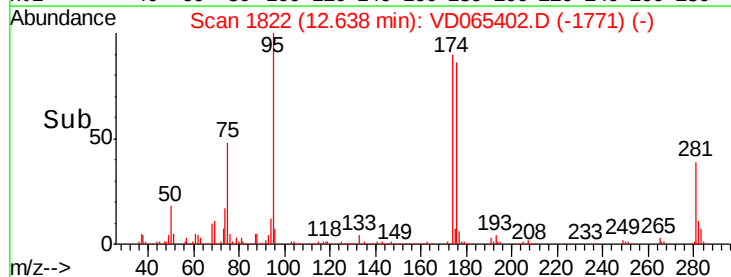
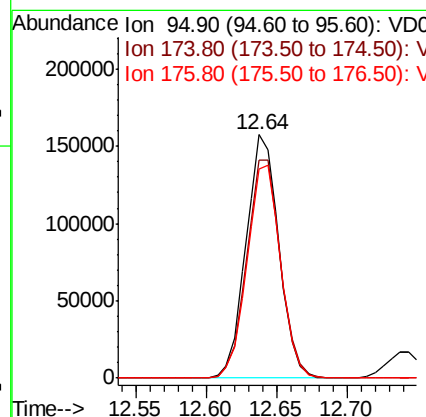
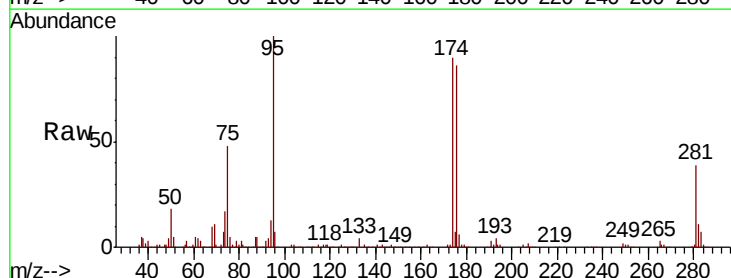
Instrument :
 MSVOA_D
 ClientSampled :

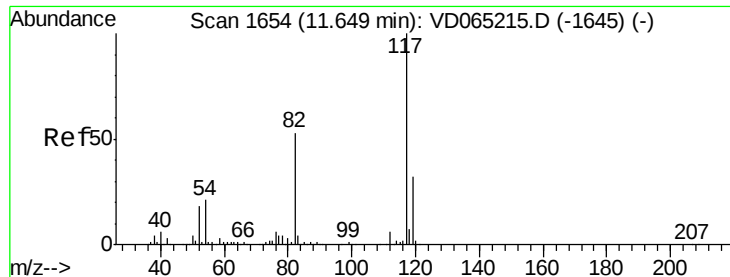
Tot Ion:107 Resp: 163181
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 53.060 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion: 95 Resp: 256466
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 178.0
 176 89.5 0.0 174.4

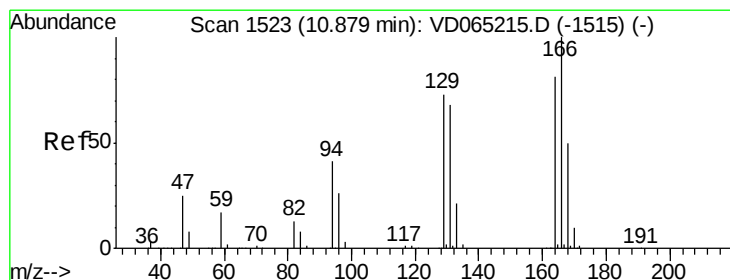
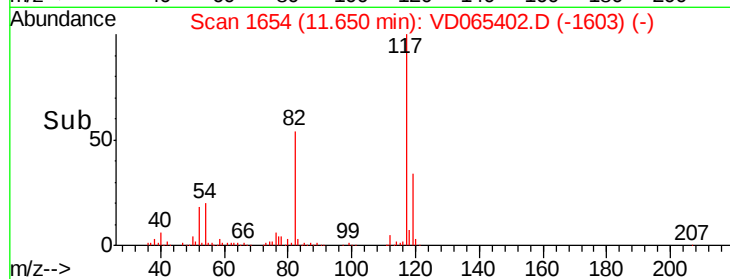
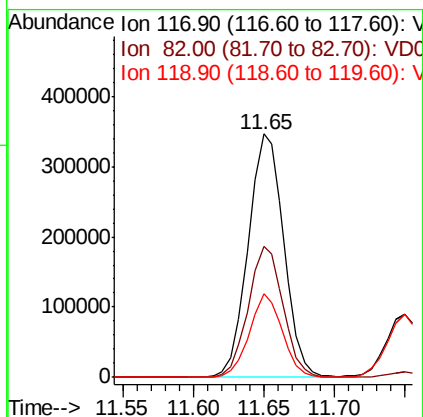
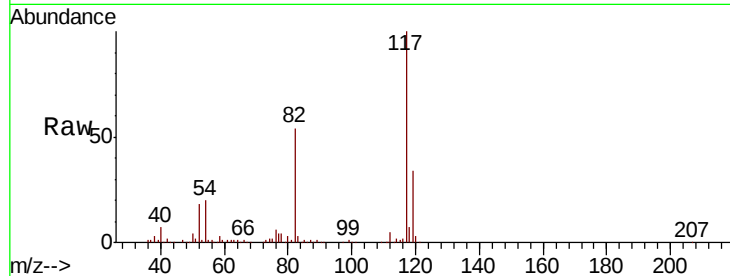




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

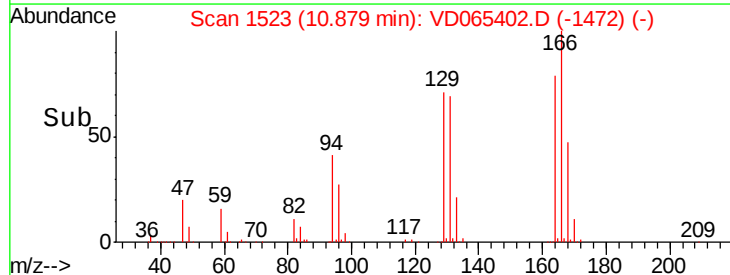
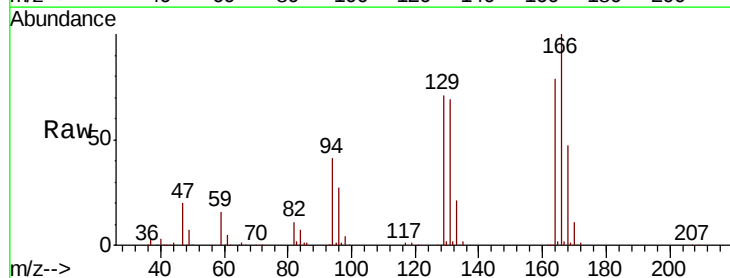
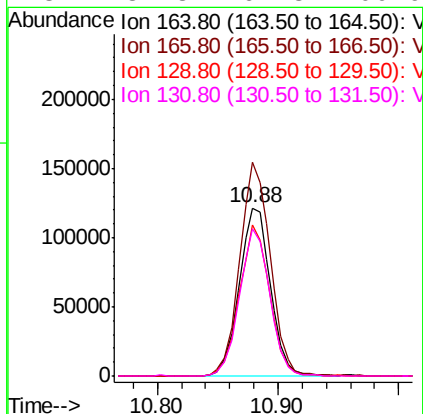
Instrument :
MSVOA_D
ClientSampleId :

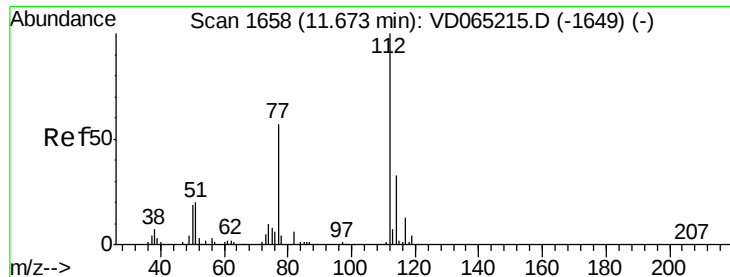
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.7	64.1
119	34.4	25.5	38.3



#64
Tetrachloroethene
Concen: 50.210 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	98.4	147.6
129	90.1	71.6	107.4
131	87.3	67.3	100.9

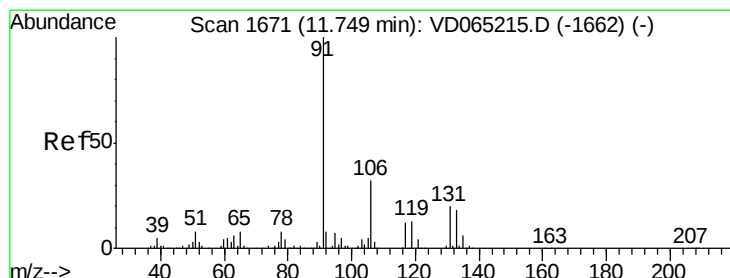
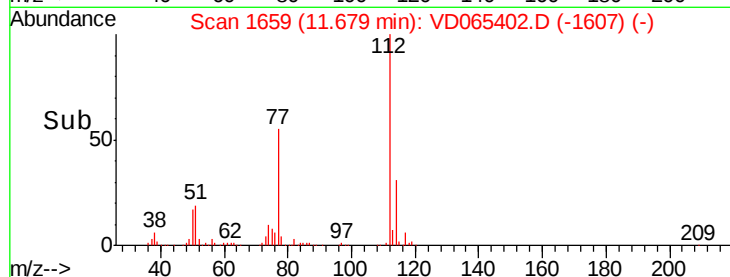
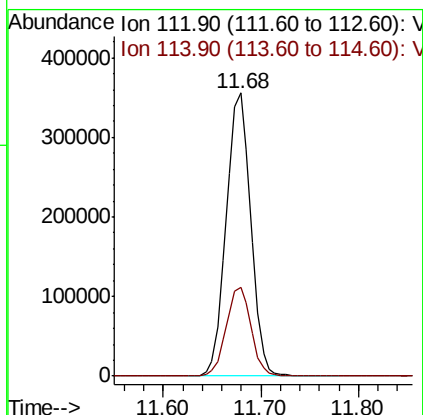
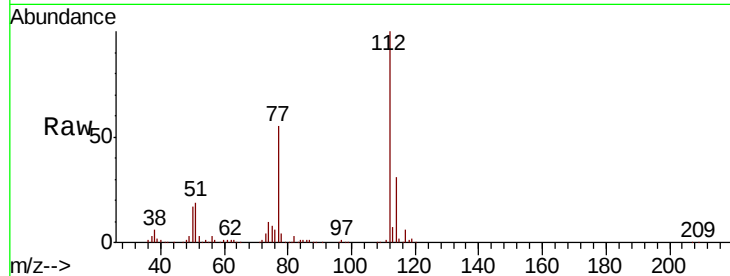




#65
Chlorobenzene
Concen: 50.606 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

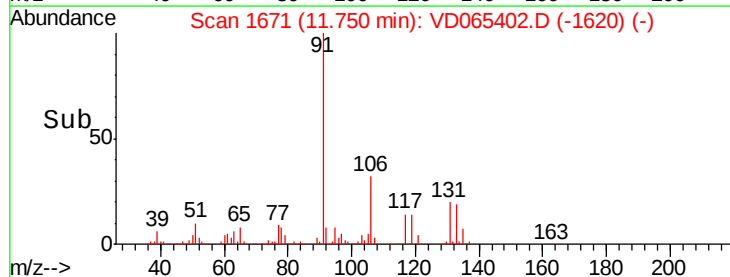
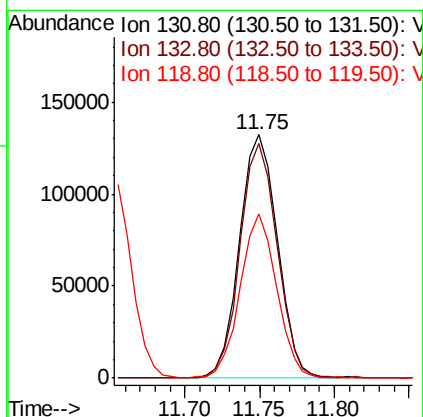
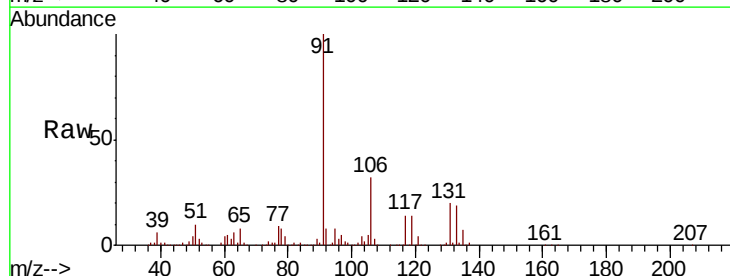
Instrument :
MSVOA_D
ClientSampleId :

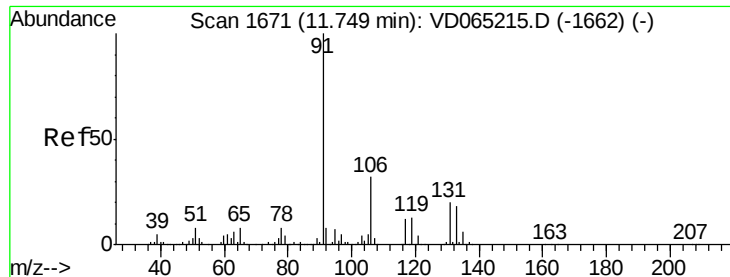
Tot Ion:112 Resp: 622587
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.839 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion:131 Resp: 233401
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 65.1 32.7 98.1





#67

Ethyl Benzene

Concen: 50.355 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

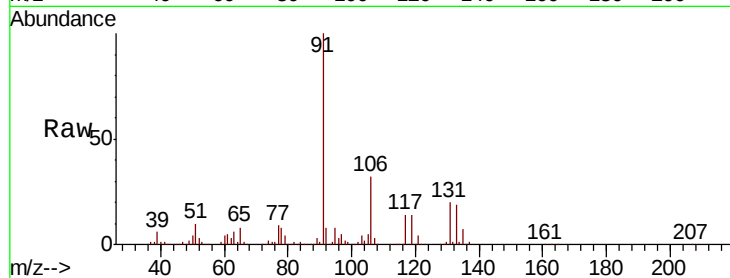
ClientSampled :

Tot Ion: 91 Resp: 1084984

Ion Ratio Lower Upper

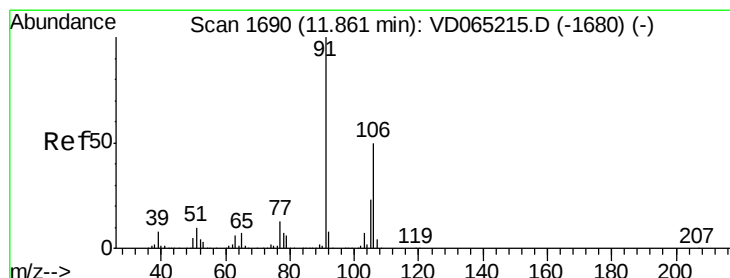
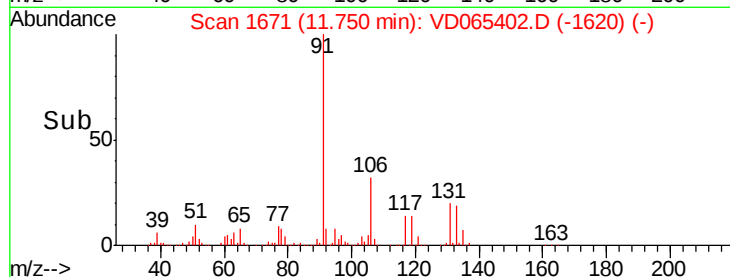
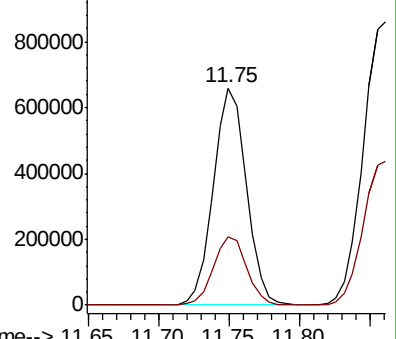
91 100

106 31.6 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: 102.721 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065402.D

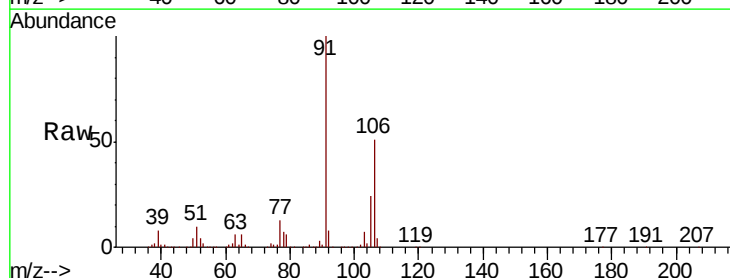
Acq: 03 Mar 2020 18:54

Tgt Ion:106 Resp: 846787

Ion Ratio Lower Upper

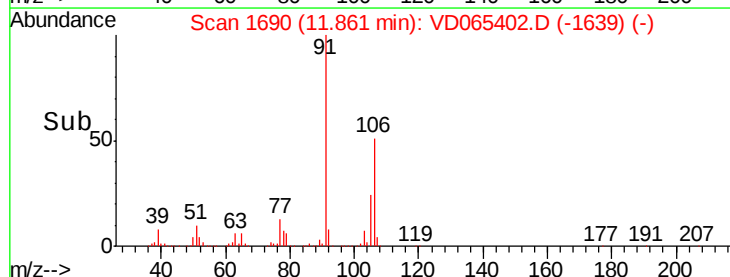
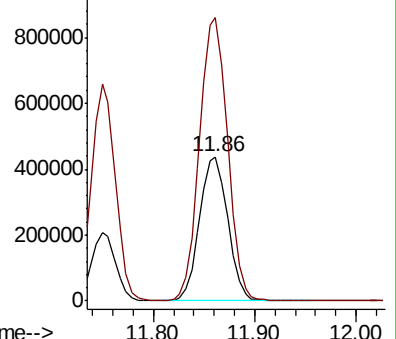
106 100

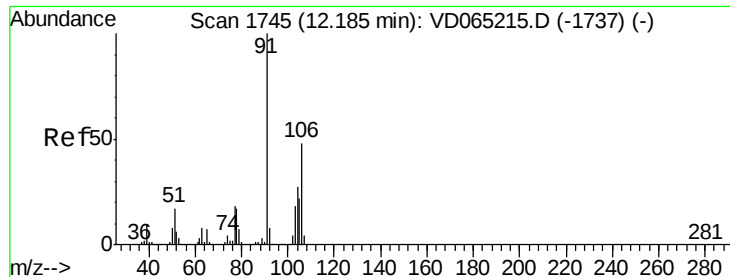
91 195.6 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

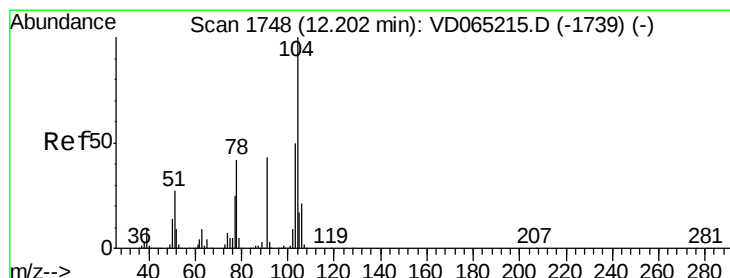
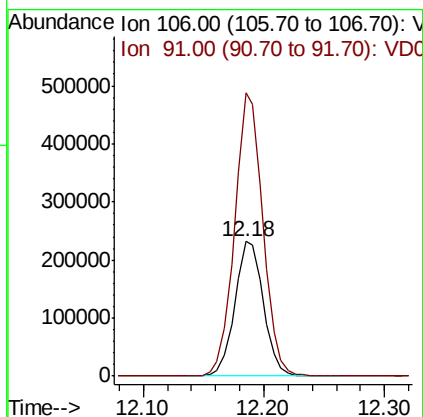
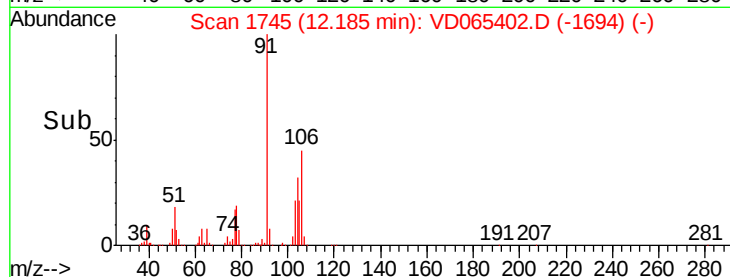
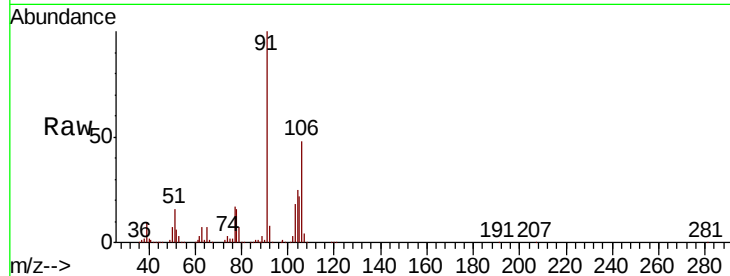




#69
o-Xylene
Concen: 52.108 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

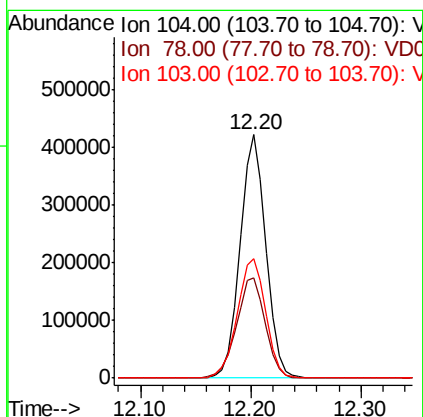
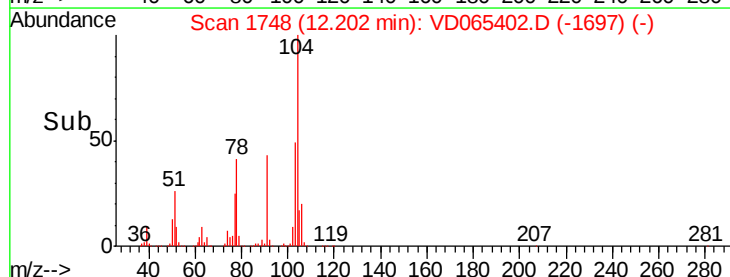
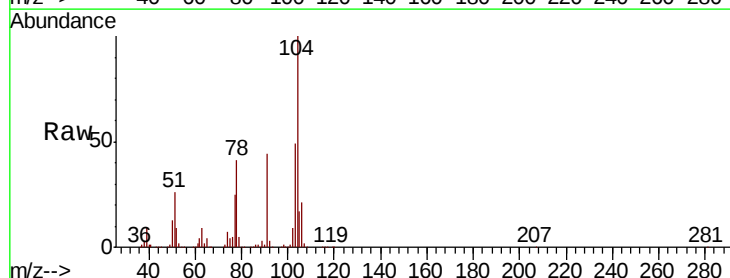
Instrument :
MSVOA_D
ClientSampleId :

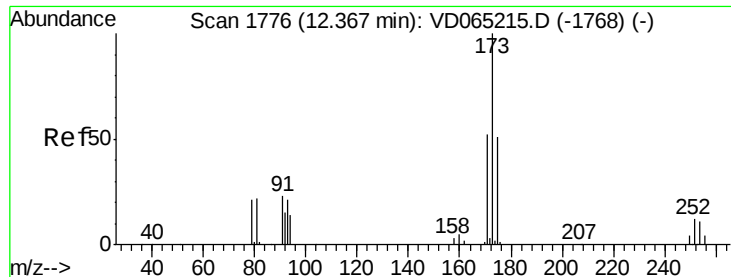
Tot Ion:106 Resp: 380563
Ion Ratio Lower Upper
106 100
91 209.0 104.7 313.9



#70
Styrene
Concen: 53.299 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion:104 Resp: 691114
Ion Ratio Lower Upper
104 100
78 45.9 37.8 56.6
103 54.2 43.4 65.2





#71

Bromoform

Concen: 51.646 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

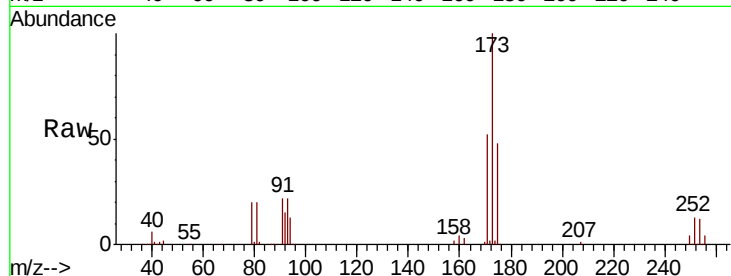
Tot Ion:173 Resp: 131571

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

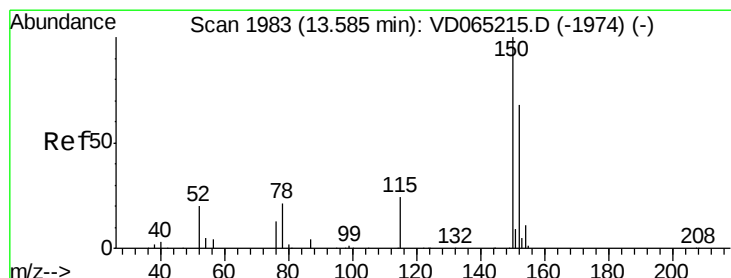
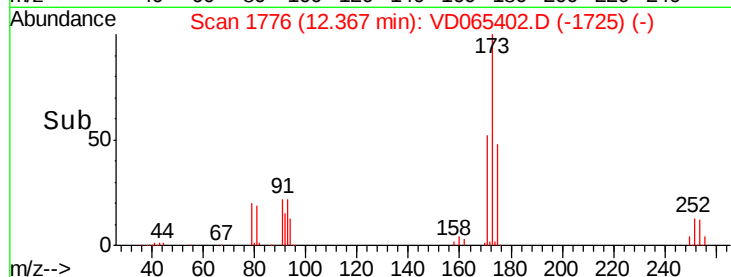
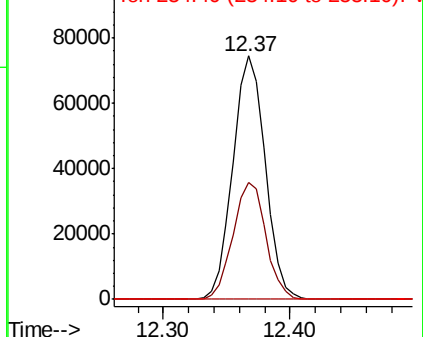
254 0.1 0.0 0.0#



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: VD065402.D

Acq: 03 Mar 2020 18:54

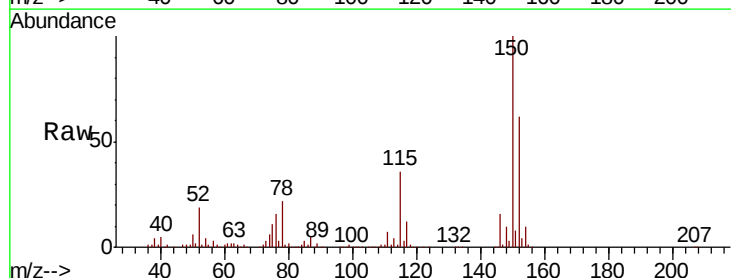
Tgt Ion:152 Resp: 305367

Ion Ratio Lower Upper

152 100

115 56.7 27.6 82.8

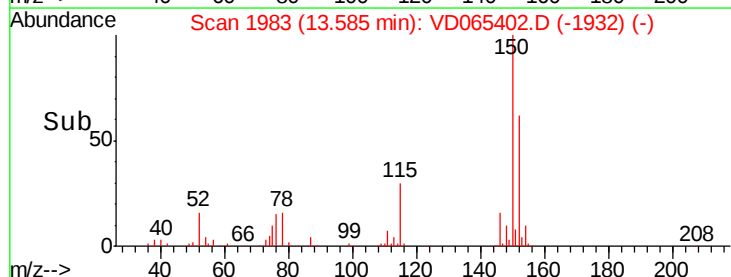
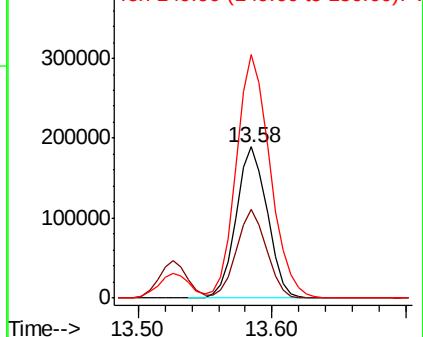
150 175.3 0.0 347.4

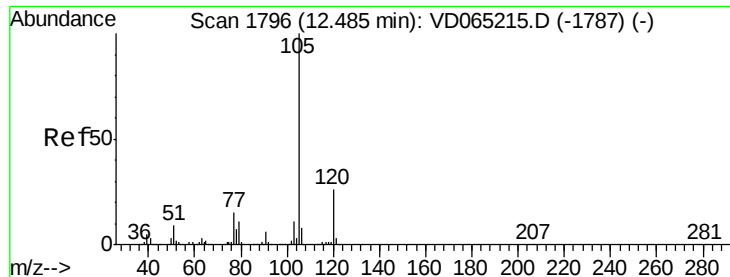


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.198 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

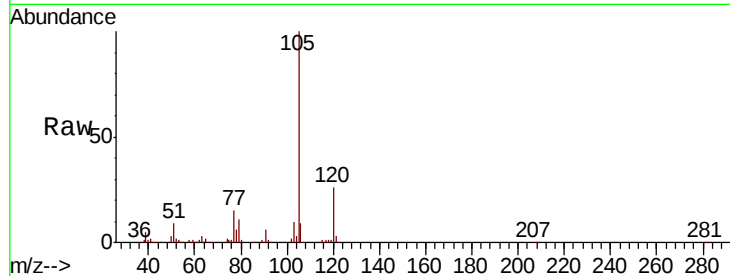
ClientSampleId :

Tot Ion:105 Resp: 1035048

Ion Ratio Lower Upper

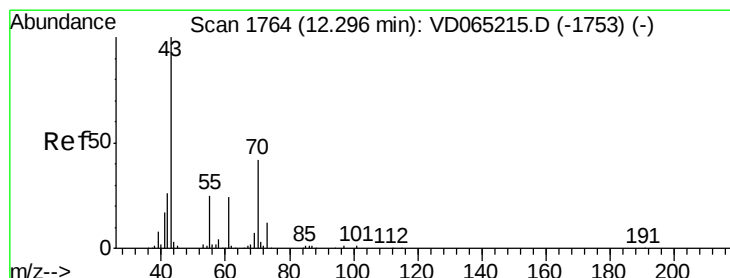
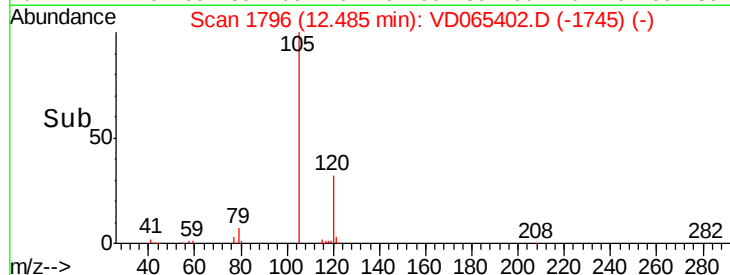
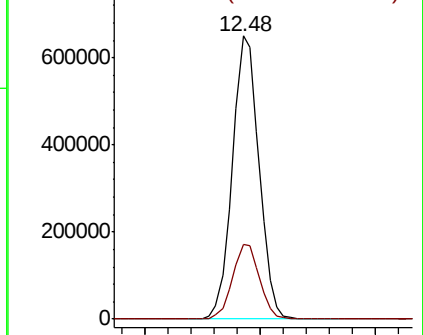
105 100

120 26.8 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: 50.309 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Tgt Ion: 43 Resp: 226000

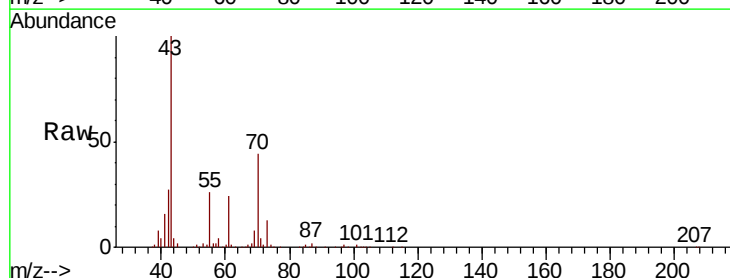
Ion Ratio Lower Upper

43 100

70 45.3 33.7 50.5

55 27.6 20.7 31.1

61 25.1 19.0 28.4

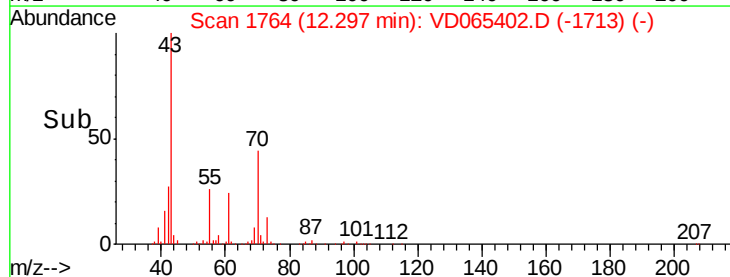
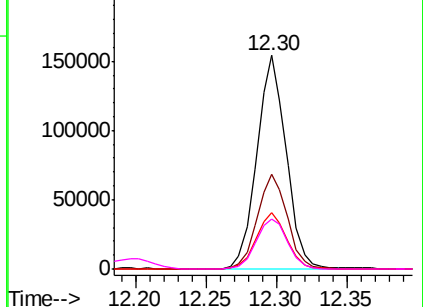


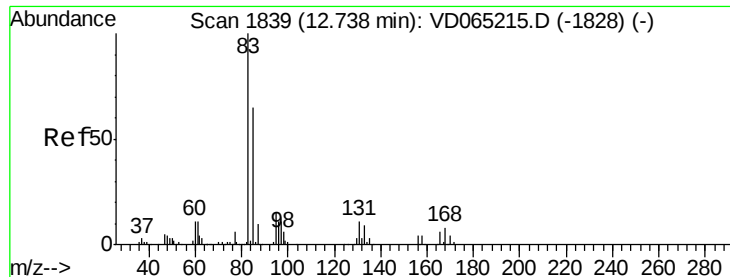
Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.095 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

ClientSampled :

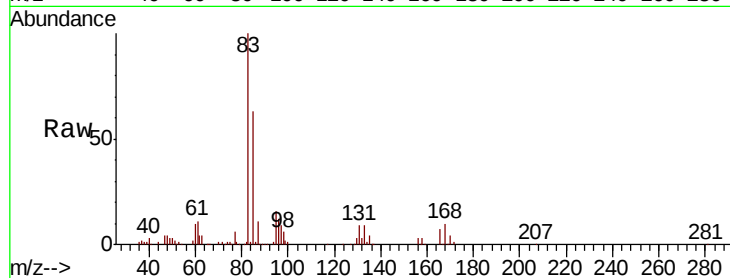
Tot Ion: 83 Resp: 182779

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.4	16.2
85	64.6	31.6	94.8

83 100

131 11.4 5.4 16.2

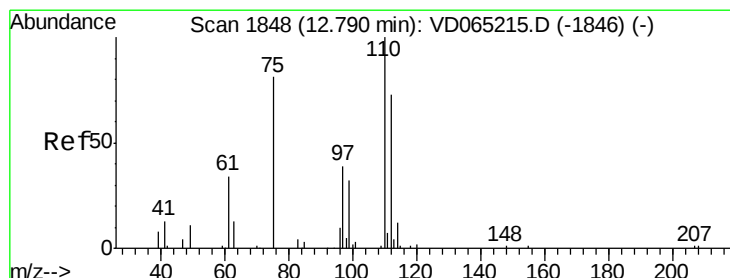
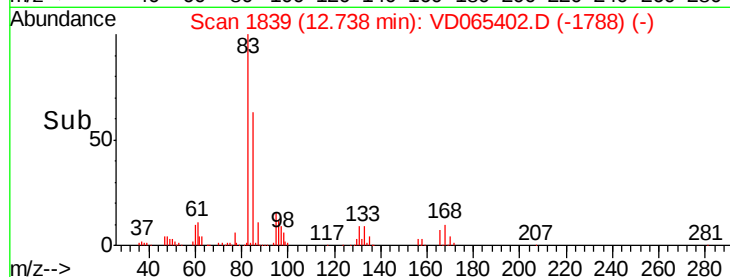
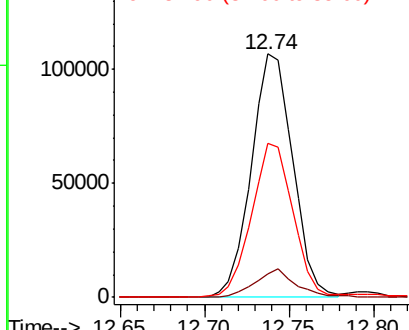
85 64.6 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 91.095 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065402.D

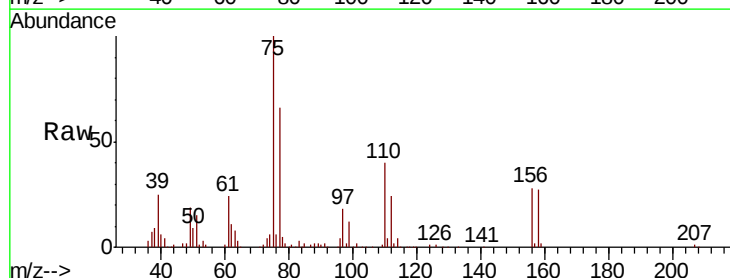
Acq: 03 Mar 2020 18:54

Tgt Ion: 75 Resp: 236678

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

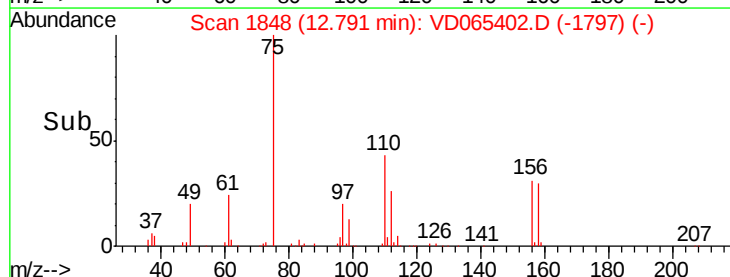
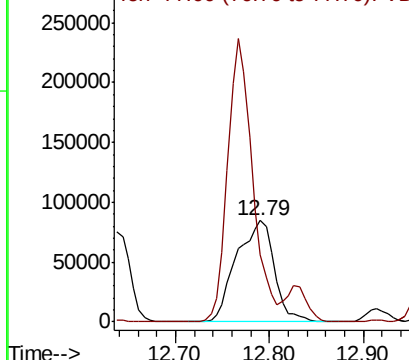
75 100

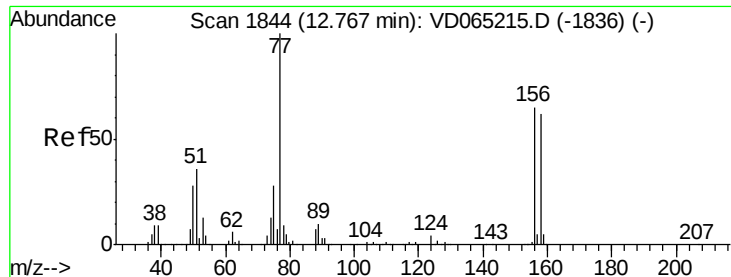
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.758 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

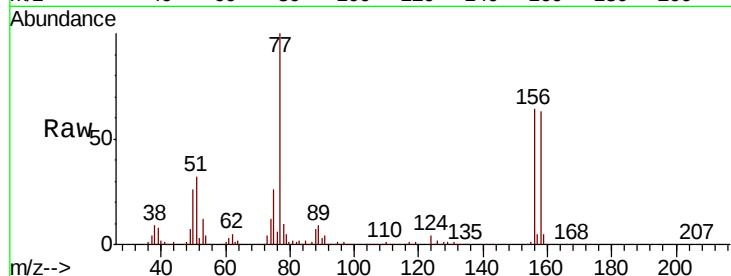
Tot Ion:156 Resp: 259832

Ion Ratio Lower Upper

156 100

77 167.9 86.6 259.7

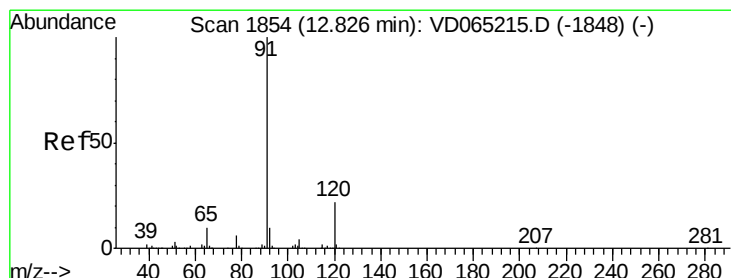
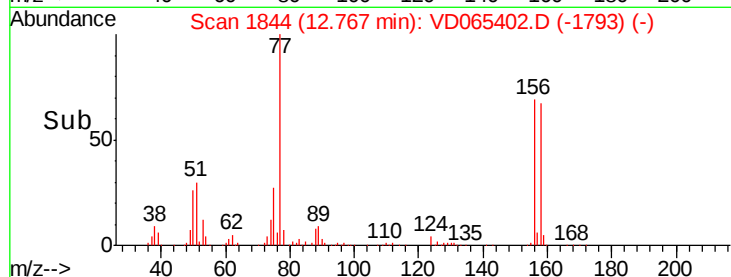
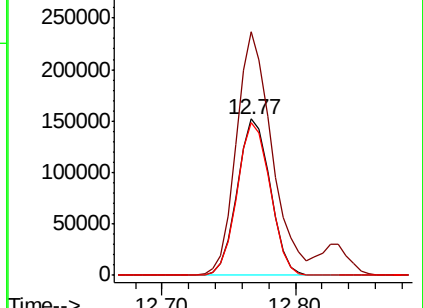
158 97.7 48.1 144.3



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: 50.878 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065402.D

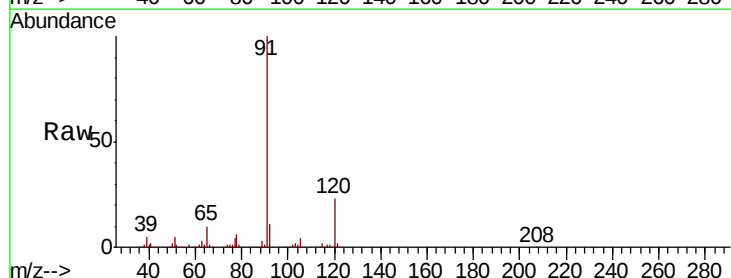
Acq: 03 Mar 2020 18:54

Tgt Ion: 91 Resp: 1236077

Ion Ratio Lower Upper

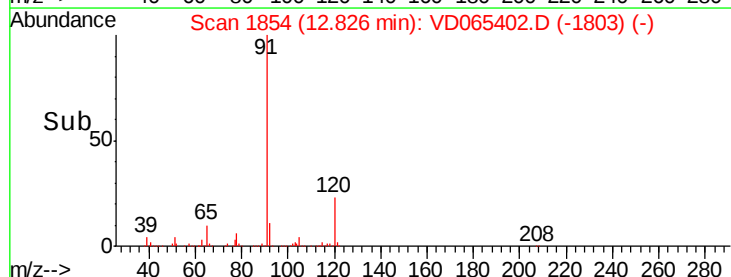
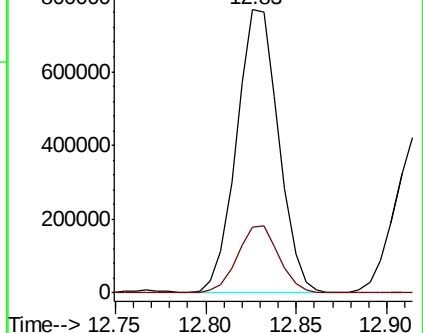
91 100

120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

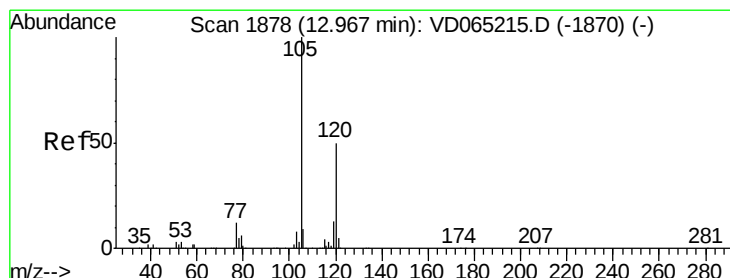
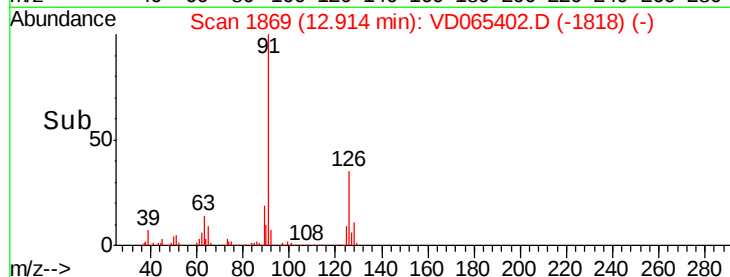
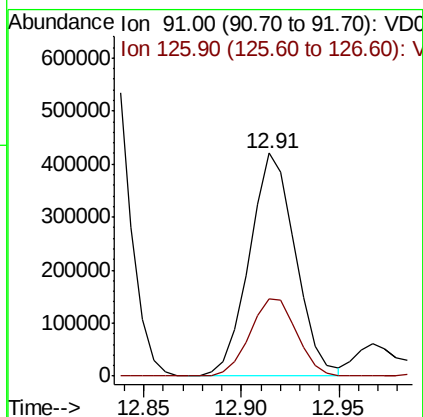
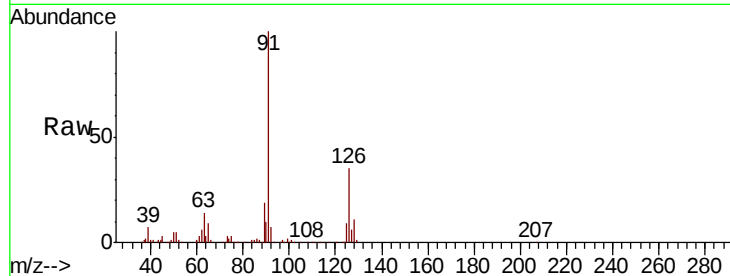




#79
 2-Chlorotoluene
 Concen: 50.493 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

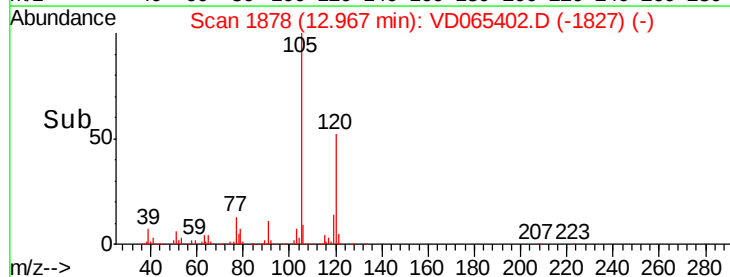
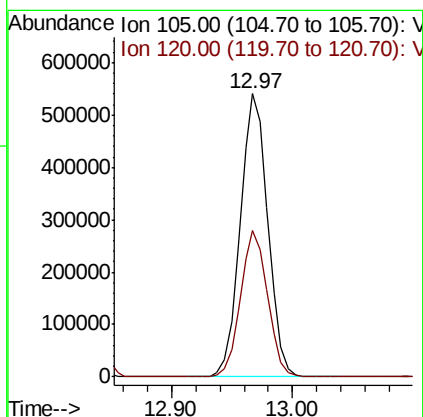
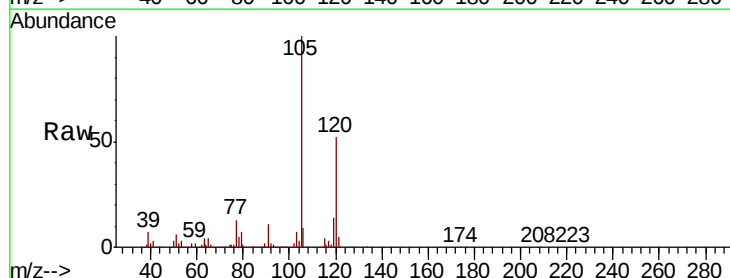
Instrument :
 MSVOA_D
 ClientSampleId :

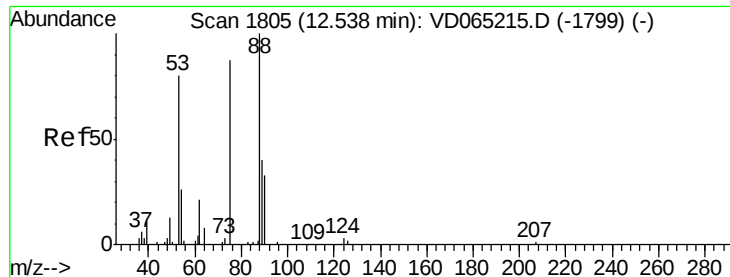
Tot Ion: 91 Resp: 687221
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.490 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion: 105 Resp: 857371
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.579 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

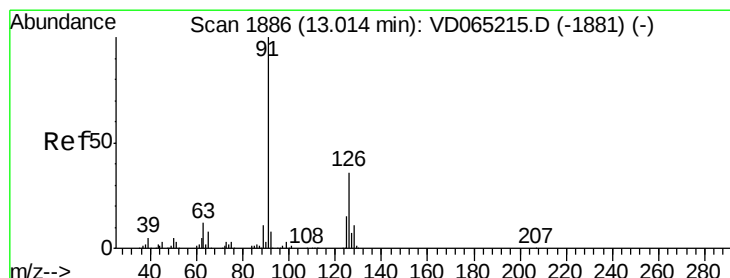
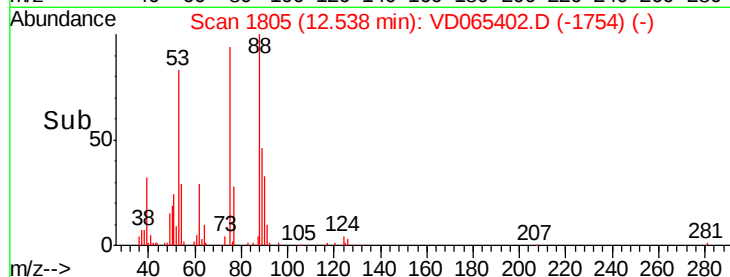
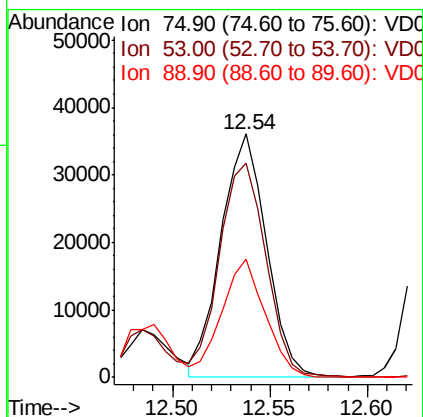
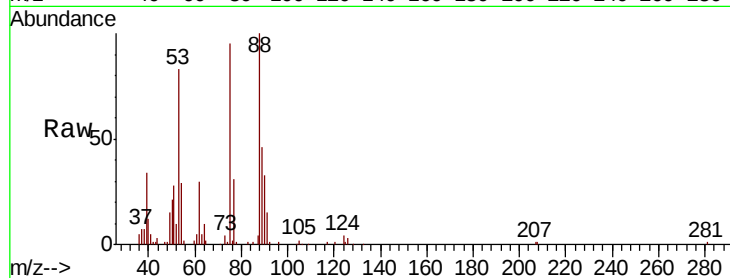
Tot Ion: 75 Resp: 58455

Ion Ratio Lower Upper

75 100

53 89.6 77.6 116.4

89 46.4 37.2 55.8



#82

4-Chlorotoluene

Concen: 50.398 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065402.D

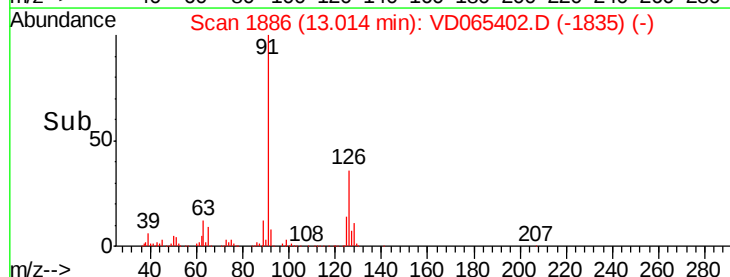
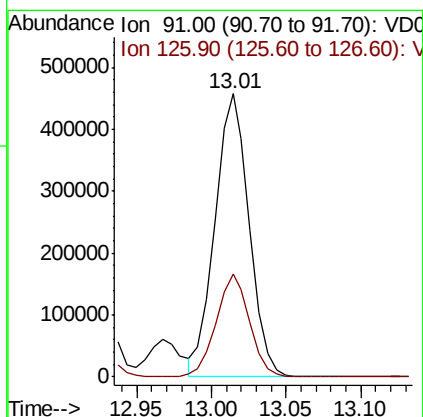
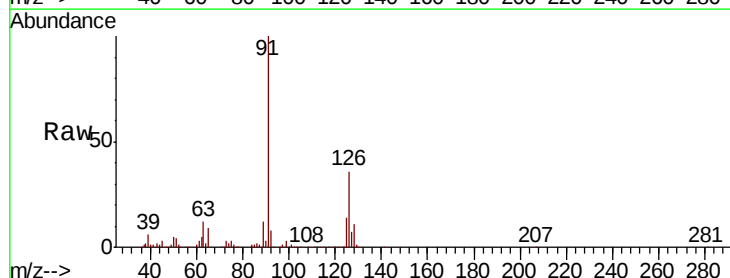
Acq: 03 Mar 2020 18:54

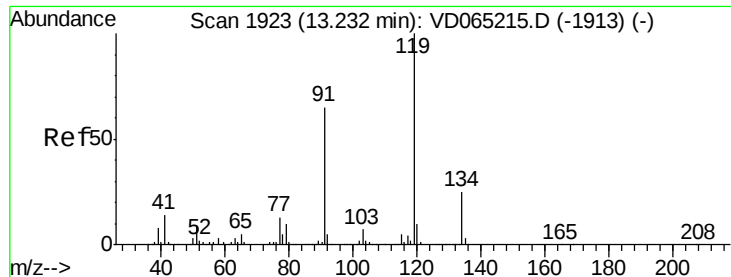
Tgt Ion: 91 Resp: 728210

Ion Ratio Lower Upper

91 100

126 35.5 17.4 52.3

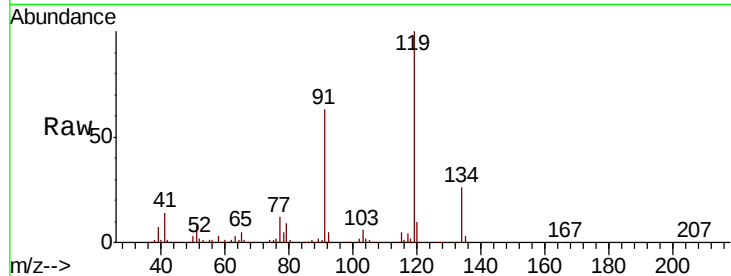




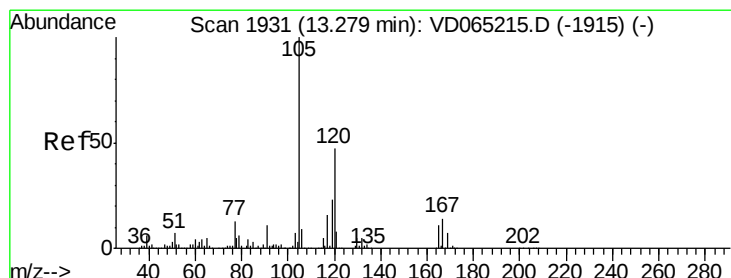
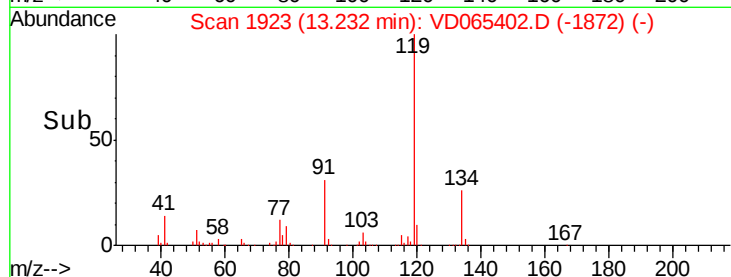
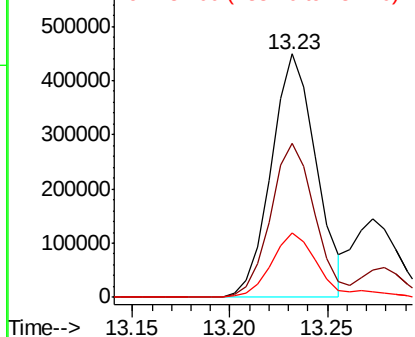
#83
tert-Butylbenzene
Concen: 51.267 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 715472
Ion Ratio Lower Upper
119 100
91 62.5 31.9 95.5
134 28.1 13.8 41.3

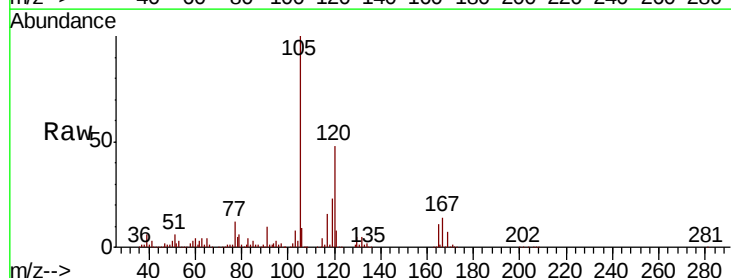


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

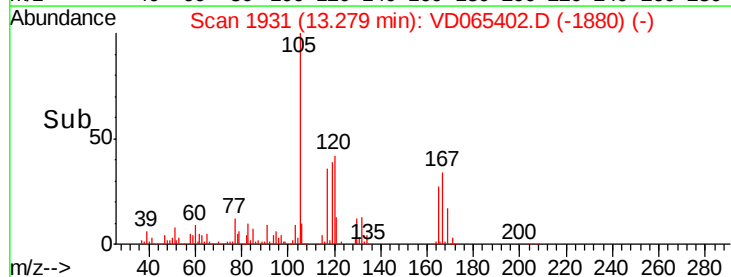
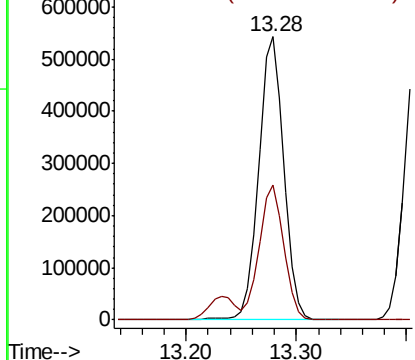


#84
1,2,4-Trimethylbenzene
Concen: 51.747 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion:105 Resp: 862430
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.815 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

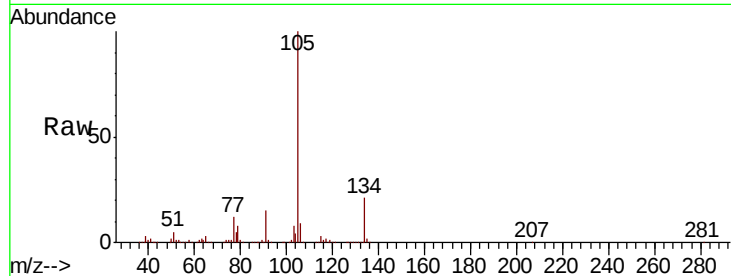
ClientSampleId :

Tot Ion:105 Resp: 1021865

Ion Ratio Lower Upper

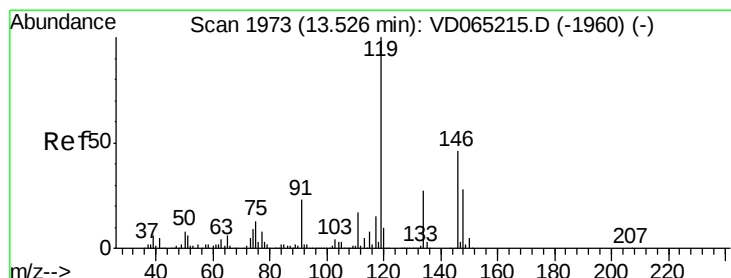
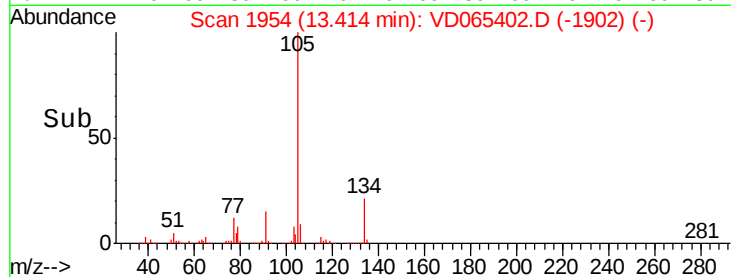
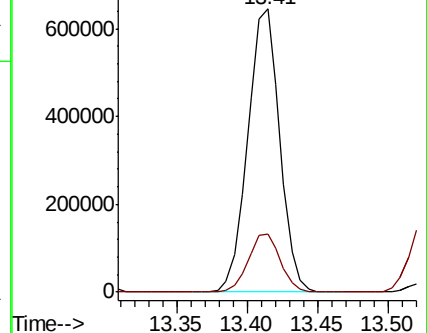
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.876 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

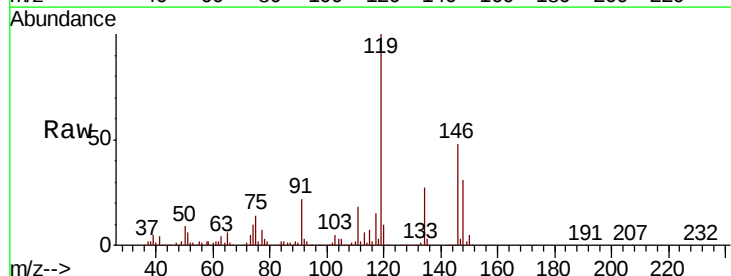
Tgt Ion:119 Resp: 935614

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

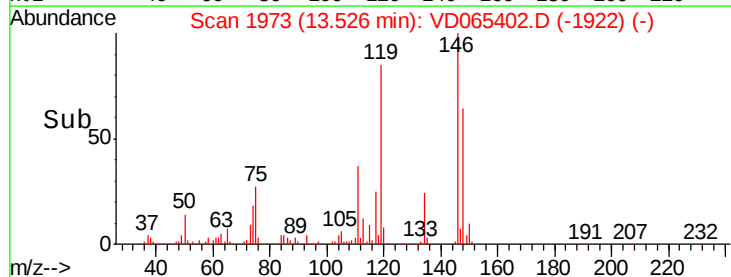
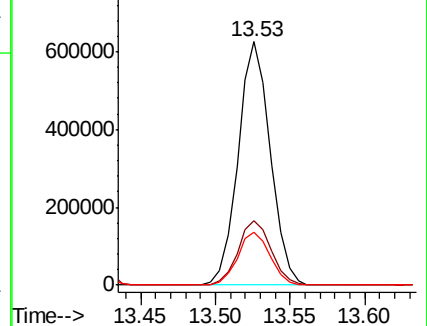
91 21.9 11.1 33.1

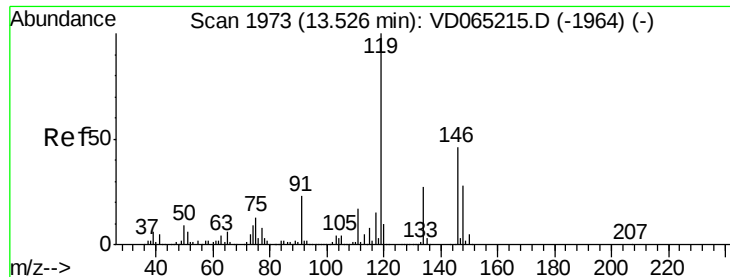


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.257 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

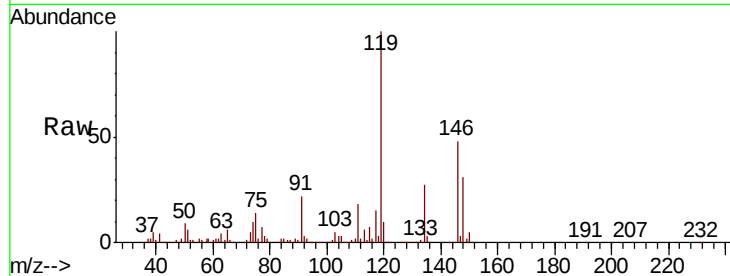
Tot Ion:146 Resp: 487752

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

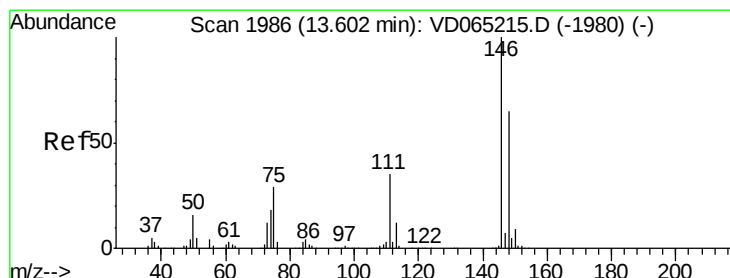
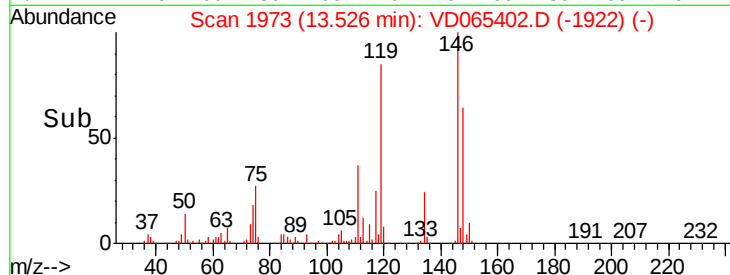
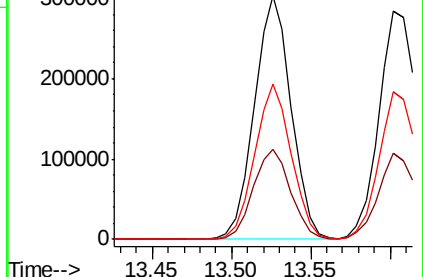
148 63.6 31.4 94.3



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: 49.848 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065402.D

Acq: 03 Mar 2020 18:54

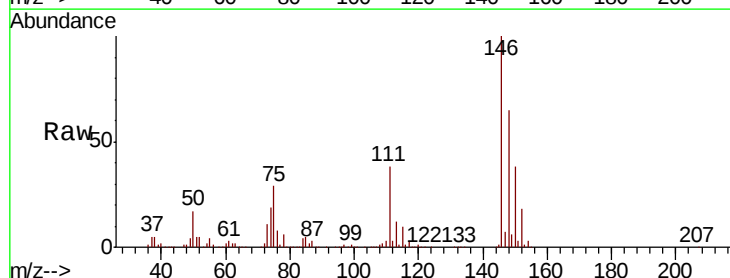
Tgt Ion:146 Resp: 477465

Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.2

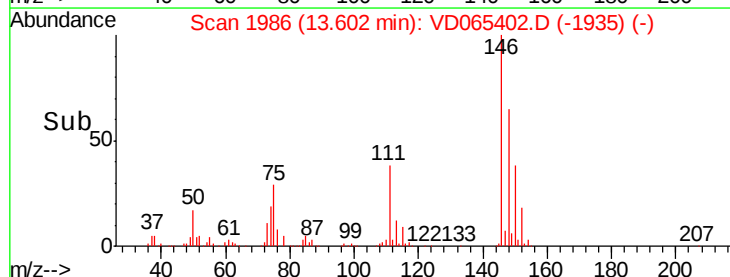
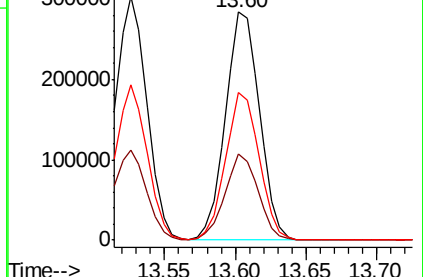
148 64.1 32.1 96.5

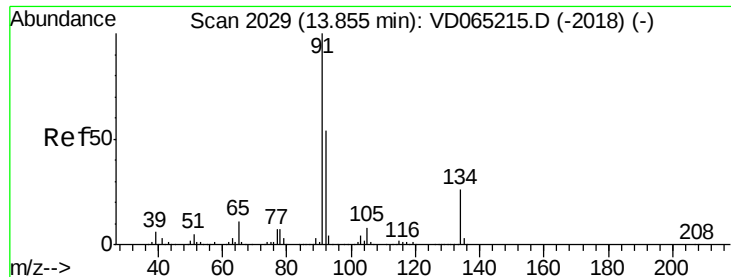


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

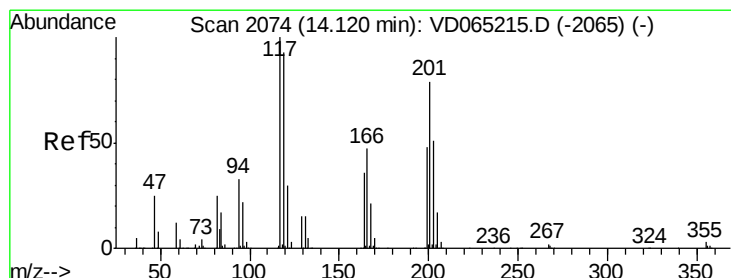
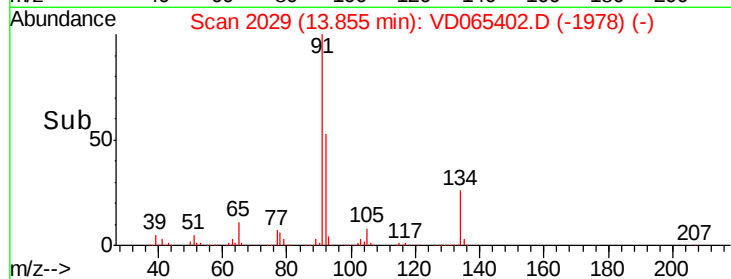
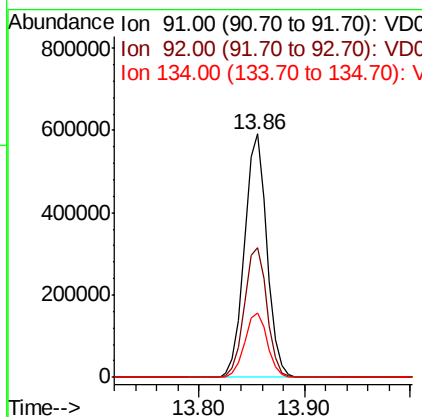
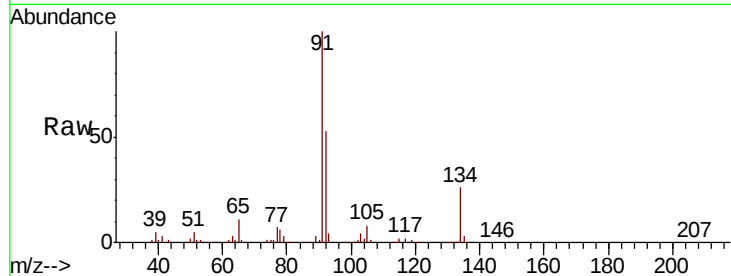




#89
n-Butylbenzene
Concen: 51.231 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

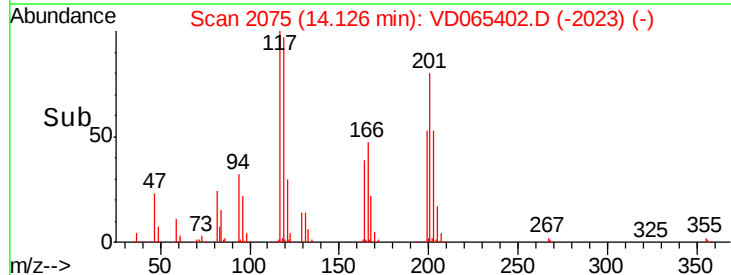
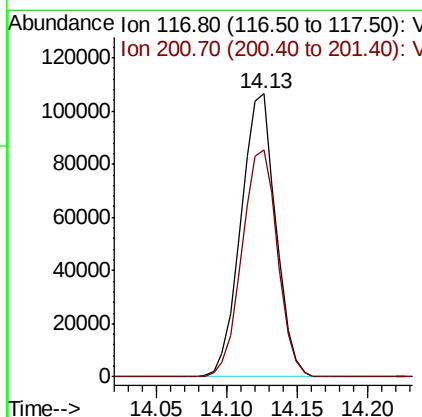
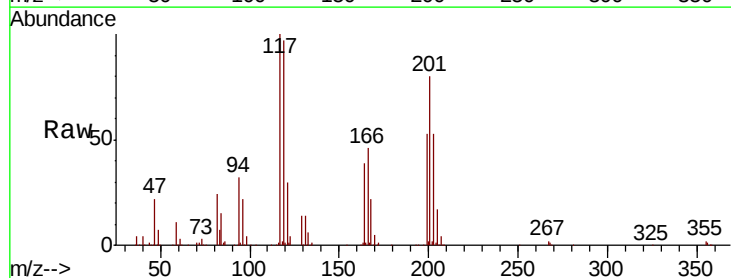
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 91 Resp: 868167
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 26.8 13.5 40.4



#90
Hexachloroethane
Concen: 49.426 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion: 117 Resp: 184556
Ion Ratio Lower Upper
117 100
201 81.6 41.3 124.1

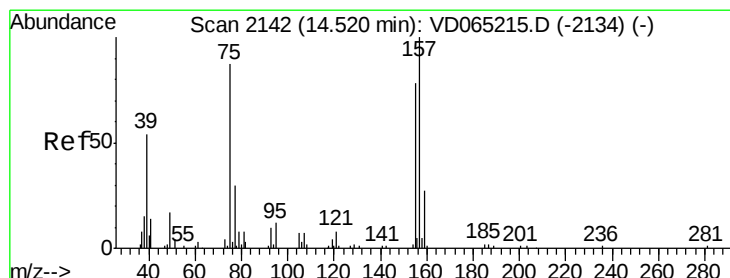
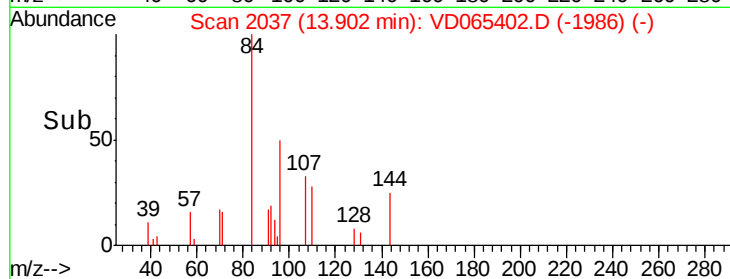
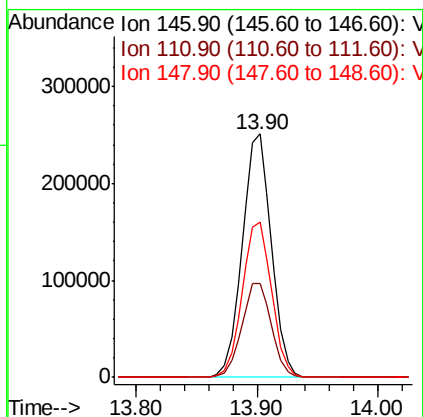
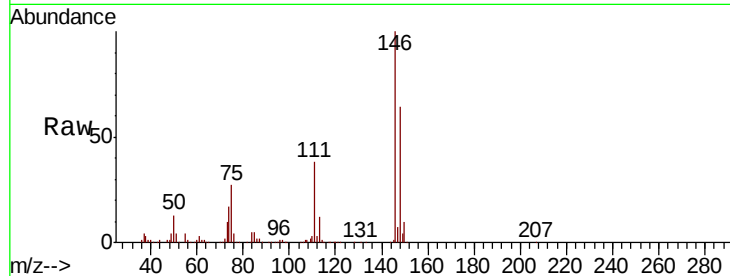




#91
 1,2-Dichlorobenzene
 Concen: 50.639 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

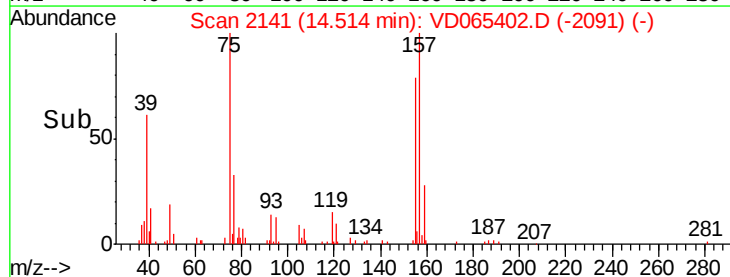
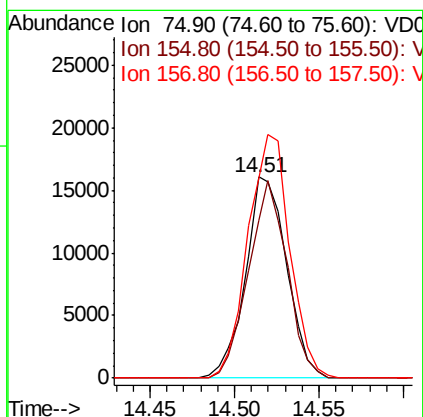
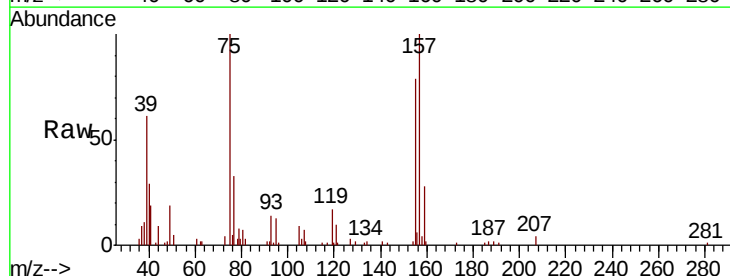
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	64.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.506 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	42.3	126.9
157	122.5	56.7	170.1

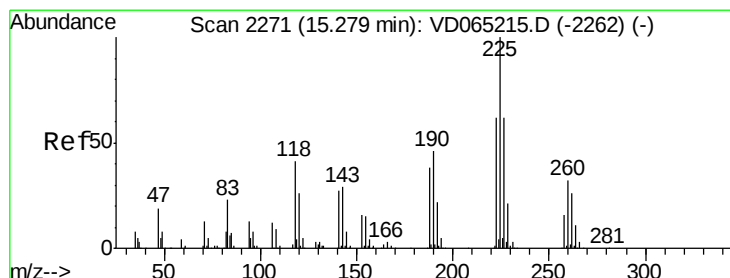
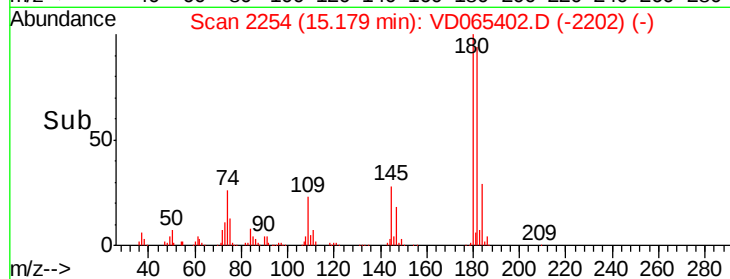
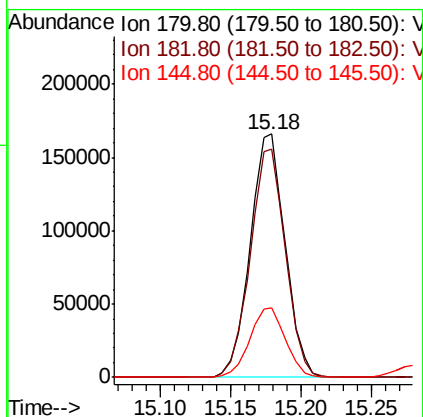
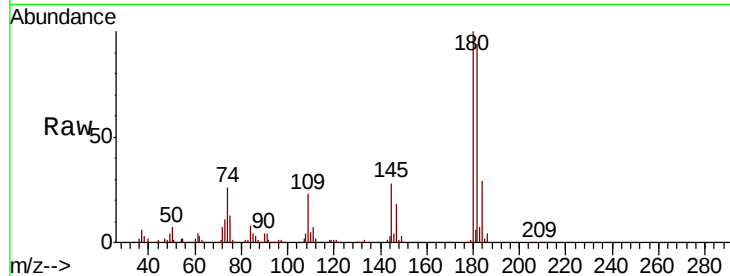




#93
 1,2,4-Trichlorobenzene
 Concen: 52.951 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

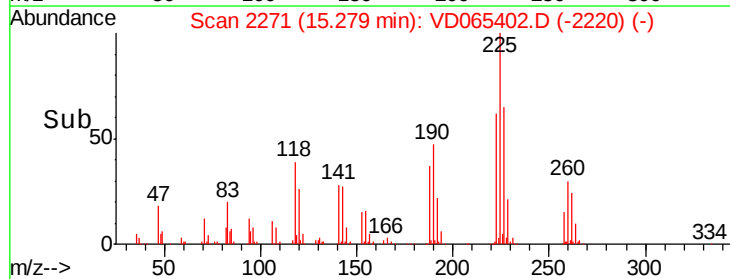
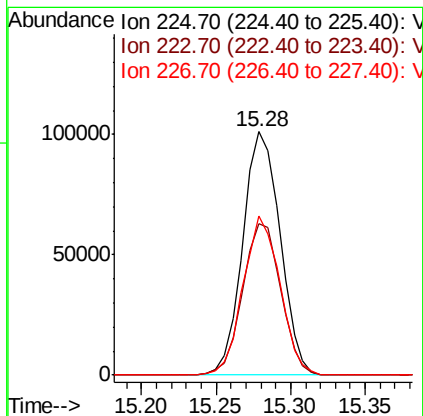
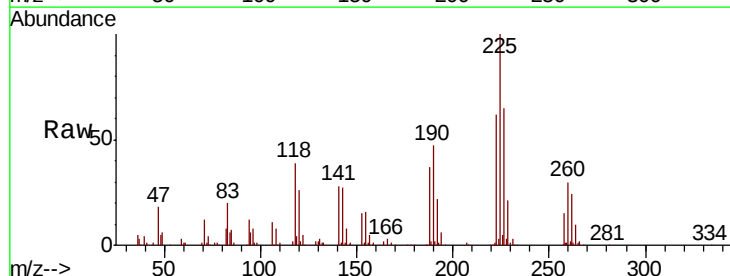
Instrument :
 MSVOA_D
 ClientSampleId :

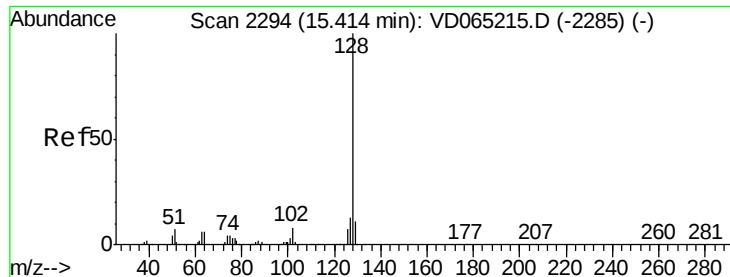
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.6
145	29.1	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 50.095 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065402.D
 Acq: 03 Mar 2020 18:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.4	94.2
227	64.5	31.7	95.1

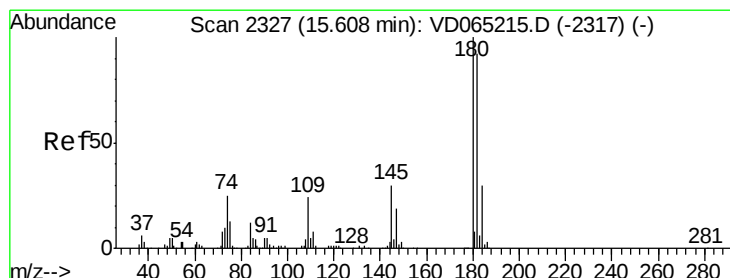
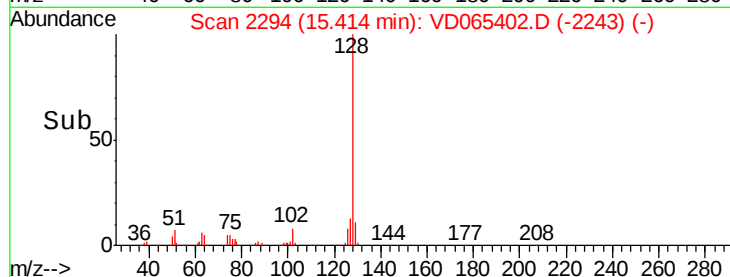
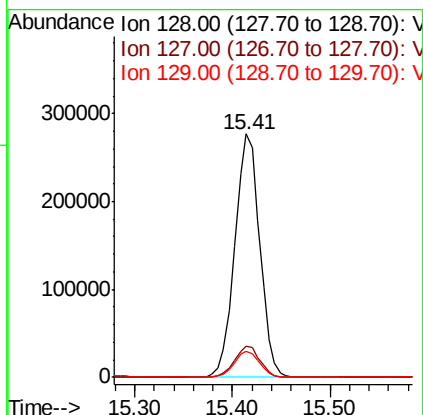
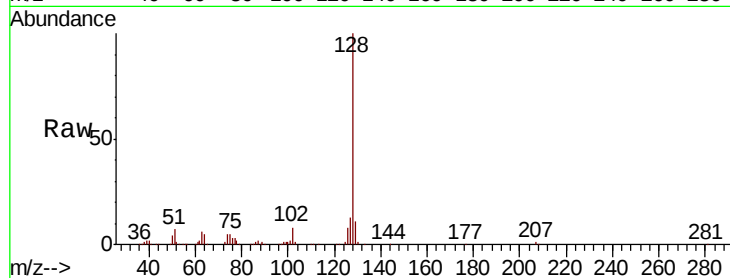




#95
Naphthalene
Concen: 55.276 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 489819
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.621 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065402.D
Acq: 03 Mar 2020 18:54

Tgt Ion:180 Resp: 255265
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.6
145 30.5 15.4 46.1

