

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065338.D
 Acq On : 27 Feb 2020 10:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 28 00:33:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	475882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	678189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	612881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	210006	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.92	113	223453	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
50) Toluene-d8	10.34	98	884589	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
62) 4-Bromofluorobenzene	12.64	95	277344	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	204270	51.178	ug/l	100
3) Chloromethane	2.21	50	243875	48.004	ug/l	97
4) Vinyl Chloride	2.36	62	247973	48.001	ug/l	98
5) Bromomethane	2.77	94	148899	47.670	ug/l	97
6) Chloroethane	2.93	64	149534	47.420	ug/l	99
7) Trichlorofluoromethane	3.27	101	372320	50.340	ug/l	100
8) Diethyl Ether	3.71	74	104917	46.994	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	238663	51.098	ug/l	99
10) Methyl Iodide	4.29	142	257346	53.066	ug/l	99
11) Tert butyl alcohol	5.24	59	57221	223.676	ug/l	100
12) 1,1-Dichloroethene	4.06	96	222971	50.536	ug/l	98
13) Acrolein	3.93	56	70728	222.489	ug/l	99
14) Allyl chloride	4.71	41	353319	49.313	ug/l	98
15) Acrylonitrile	5.43	53	232664	235.389	ug/l	100
16) Acetone	4.16	43	272779	260.657	ug/l	98
17) Carbon Disulfide	4.40	76	716136	48.413	ug/l	99
18) Methyl Acetate	4.72	43	107731	45.771	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	446356	48.513	ug/l	99
20) Methylene Chloride	4.96	84	240723	51.840	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	255991	51.037	ug/l	99
22) Diisopropyl ether	6.37	45	697802	50.520	ug/l	99
23) Vinyl Acetate	6.31	43	1905796	250.279	ug/l	99
24) 1,1-Dichloroethane	6.27	63	429774	50.165	ug/l	98
25) 2-Butanone	7.22	43	315402	238.209	ug/l	100
26) 2,2-Dichloropropane	7.21	77	382077	51.401	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	269926	50.805	ug/l	98
28) Bromochloromethane	7.55	49	159166	50.077	ug/l	99
29) Tetrahydrofuran	7.57	42	185740	239.419	ug/l	100
30) Chloroform	7.71	83	431230	49.961	ug/l	99
31) Cyclohexane	7.98	56	406962	48.347	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	388740	50.338	ug/l	99
36) 1,1-Dichloropropene	8.11	75	355131	53.817	ug/l	99
37) Ethyl Acetate	7.30	43	129211	46.839	ug/l	98
38) Carbon Tetrachloride	8.10	117	362258	53.927	ug/l	99

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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	428364	55.217	ug/l	100
40) Benzene	8.35	78	995512	53.448	ug/l	99
41) Methacrylonitrile	7.53	41	65404	41.062	ug/l	92
42) 1,2-Dichloroethane	8.43	62	250414	48.904	ug/l	99
43) Isopropyl Acetate	8.46	43	243198	48.480	ug/l	98
44) Trichloroethene	9.11	130	279637	54.162	ug/l	99
45) 1,2-Dichloropropane	9.39	63	245534	53.014	ug/l	97
46) Dibromomethane	9.48	93	122349	51.343	ug/l	98
47) Bromodichloromethane	9.67	83	326739	52.029	ug/l	98
48) Methyl methacrylate	9.46	41	116642	50.304	ug/l	98
49) 1,4-Dioxane	9.47	88	28024	1002.694	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	639456	250.972	ug/l	99
52) Toluene	10.41	92	642302	55.712	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	304927	52.384	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	372200	52.951	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	171332	51.082	ug/l	96
56) Ethyl methacrylate	10.67	69	203492	52.564	ug/l	97
57) 1,3-Dichloropropane	10.95	76	295005	51.678	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	276041	226.168	ug/l	99
59) 2-Hexanone	10.99	43	496549	272.245	ug/l	97
60) Dibromochloromethane	11.14	129	224206	52.227	ug/l	100
61) 1,2-Dibromoethane	11.25	107	165489	52.112	ug/l	100
64) Tetrachloroethene	10.88	164	238291	54.820	ug/l	98
65) Chlorobenzene	11.68	112	660737	53.723	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	245417	53.472	ug/l	98
67) Ethyl Benzene	11.75	91	1195504	55.501	ug/l	99
68) m/p-Xylenes	11.86	106	919715	111.600	ug/l	100
69) o-Xylene	12.18	106	407350	55.792	ug/l	99
70) Styrene	12.20	104	721090	55.626	ug/l	100
71) Bromoform	12.37	173	132335	51.961	ug/l #	99
73) Isopropylbenzene	12.49	105	1138869	56.744	ug/l	100
74) N-amyl acetate	12.30	43	223189	50.046	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	180967	49.960	ug/l	99
76) 1,2,3-Trichloropropane	12.80	75	238598	92.504	ug/l #	100
77) Bromobenzene	12.77	156	266536	53.481	ug/l	99
78) n-propylbenzene	12.83	91	1363121	56.517	ug/l	99
79) 2-Chlorotoluene	12.91	91	738064	54.625	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	933449	56.469	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	58808	49.229	ug/l	96
82) 4-Chlorotoluene	13.01	91	772773	53.873	ug/l	99
83) tert-Butylbenzene	13.23	119	802260	57.906	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	930894	56.262	ug/l	100
85) sec-Butylbenzene	13.41	105	1117478	55.976	ug/l	100
86) p-Isopropyltoluene	13.53	119	1040998	57.020	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	508535	52.781	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	497366	52.305	ug/l	99
89) n-Butylbenzene	13.85	91	961888	57.176	ug/l	100
90) Hexachloroethane	14.13	117	198252	53.481	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	437675	52.906	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.53	75	26606	47.664	ug/l	93

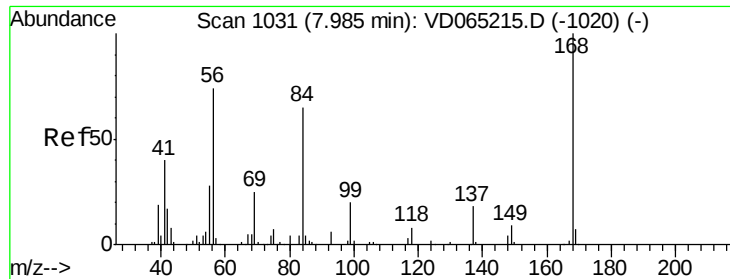
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	298289	55.123	ug/l	98
94) Hexachlorobutadiene	15.28	225	193079	55.622	ug/l	100
95) Naphthalene	15.42	128	482232	54.818	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	258771	54.754	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

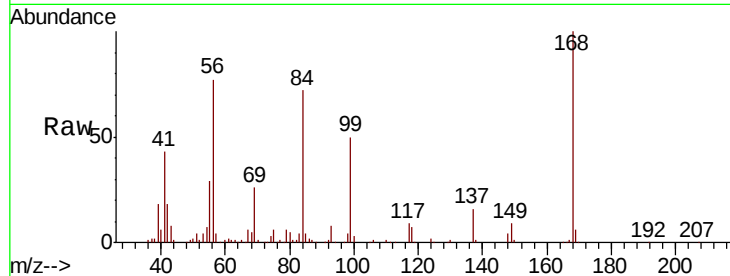
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 475882

Ion Ratio Lower Upper

168 100

99 49.9 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

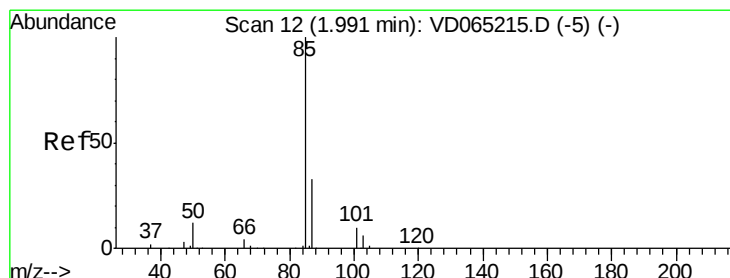
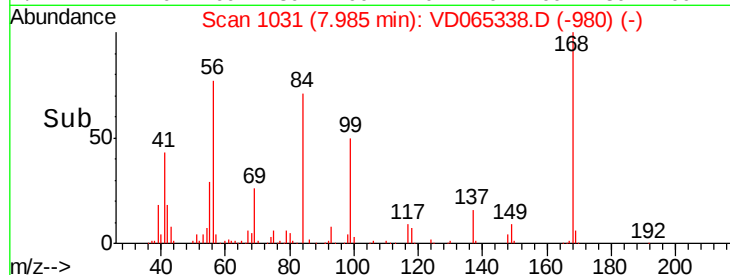
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.178 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065338.D

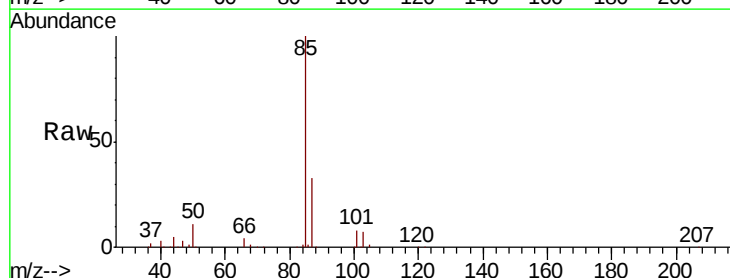
Acq: 27 Feb 2020 10:10

Tgt Ion: 85 Resp: 204270

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

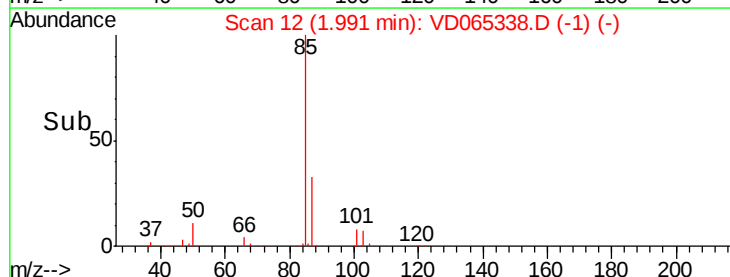
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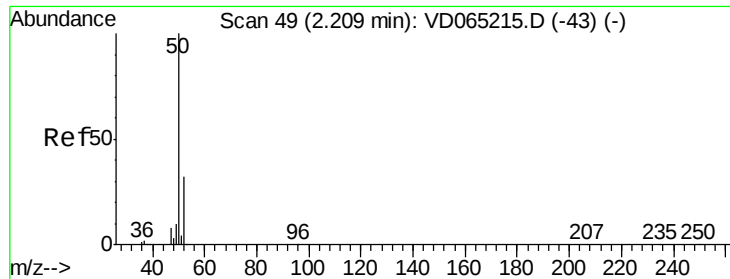
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 48.004 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

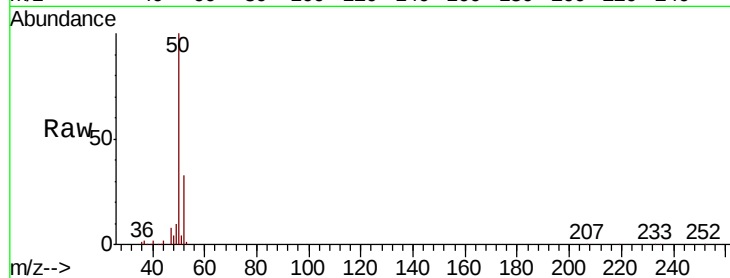
ClientSampled :

Tot Ion: 50 Resp: 243875

Ion Ratio Lower Upper

50 100

52 33.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

200000

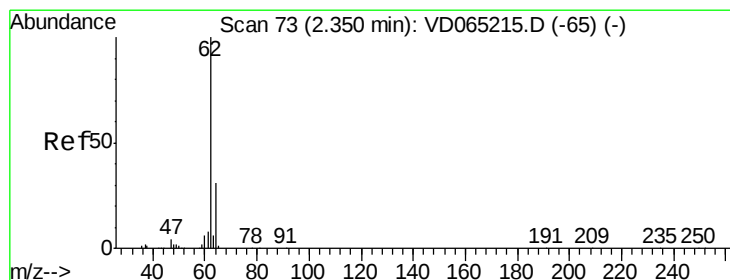
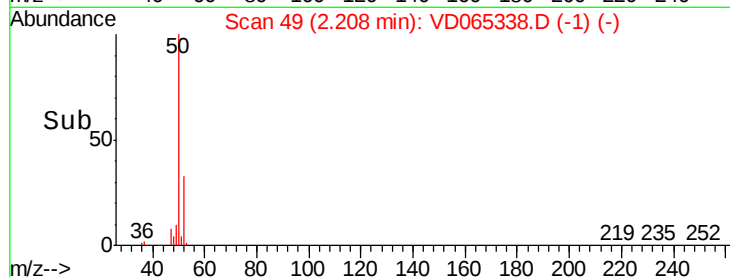
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.001 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065338.D

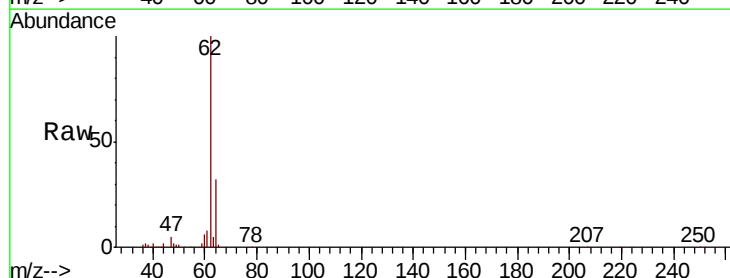
Acq: 27 Feb 2020 10:10

Tgt Ion: 62 Resp: 247973

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.36

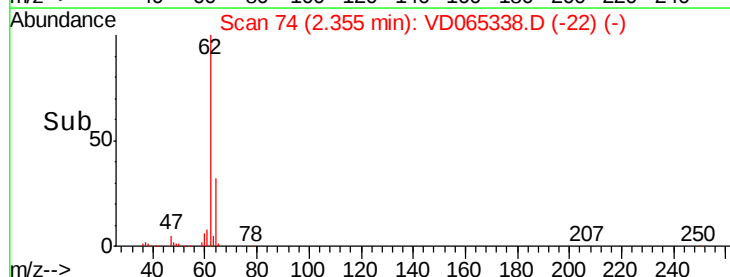
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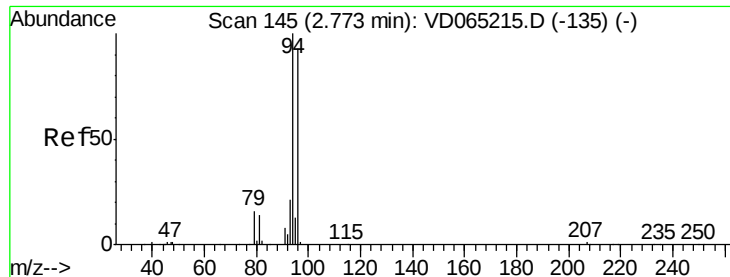
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.670 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

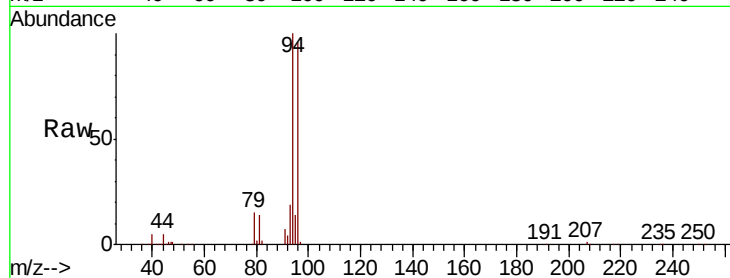
ClientSampleId :

Tot Ion: 94 Resp: 148899

Ion Ratio Lower Upper

94 100

96 95.6 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

60000

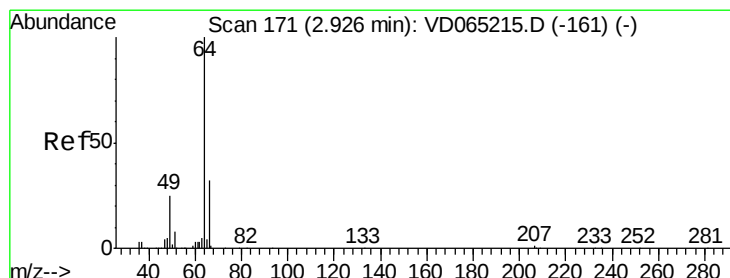
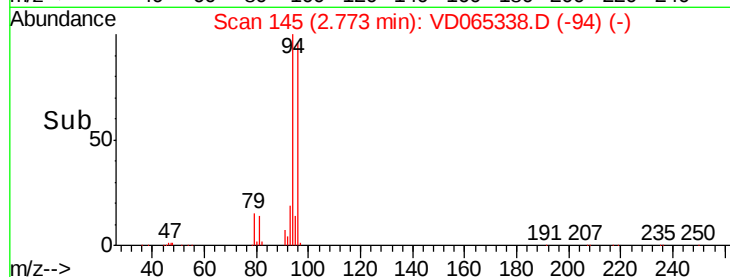
40000

20000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 47.420 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065338.D

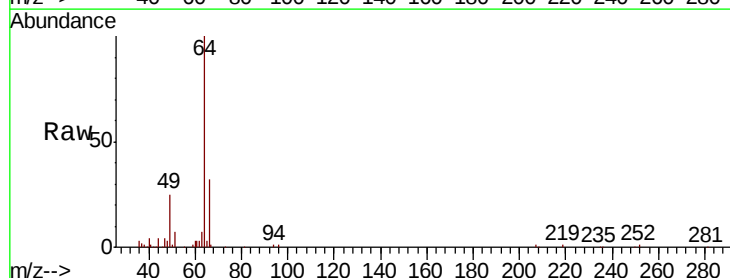
Acq: 27 Feb 2020 10:10

Tgt Ion: 64 Resp: 149534

Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

80000

60000

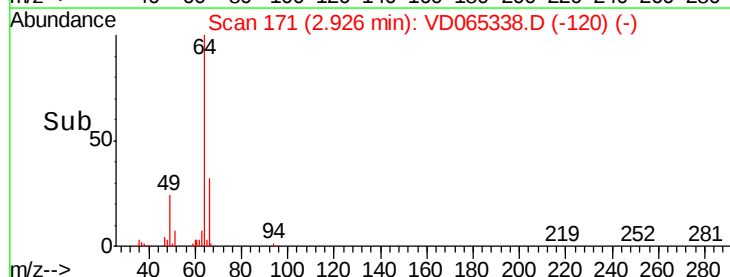
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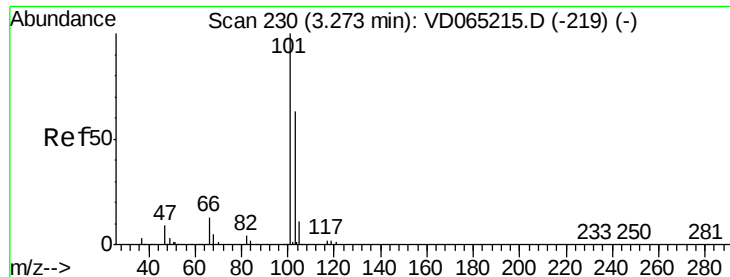
20000

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Time-->

2.80 2.90 3.00



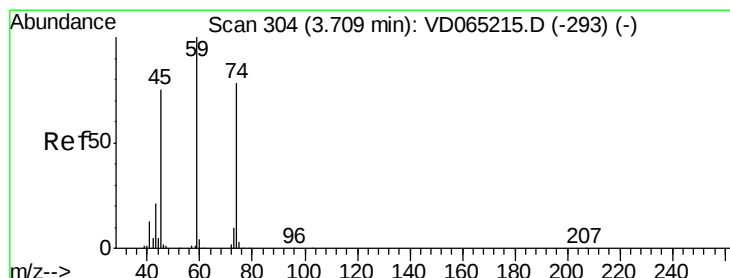
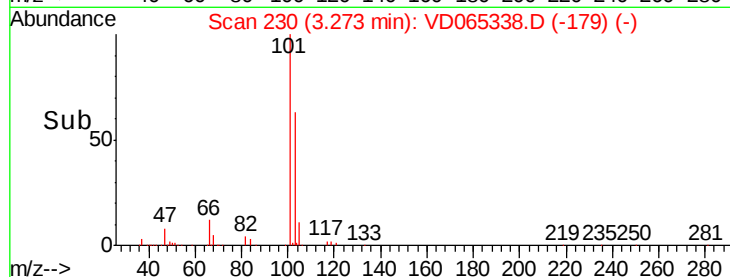
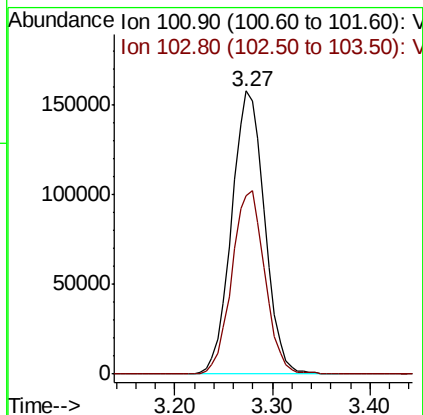
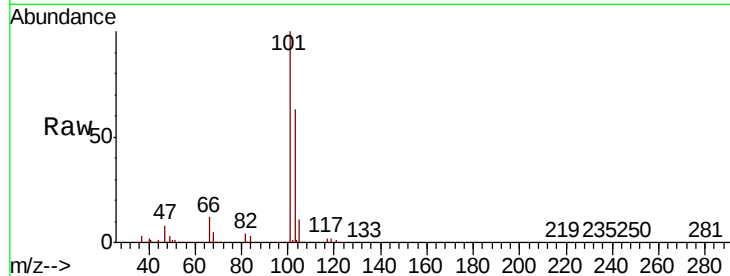


#7

Trichlorofluoromethane
Concen: 50.340 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

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MSVOA_D
ClientSampleId :

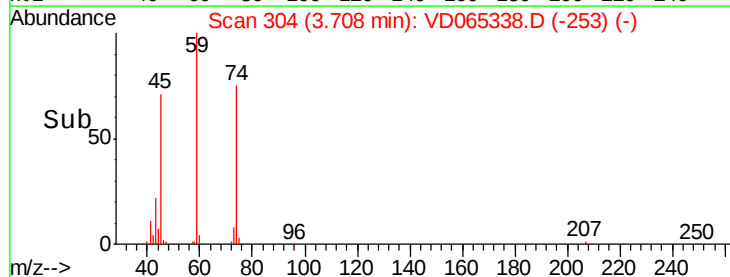
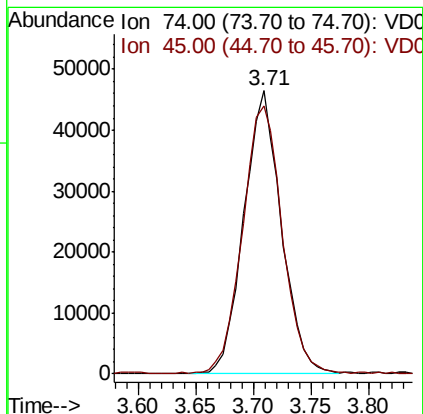
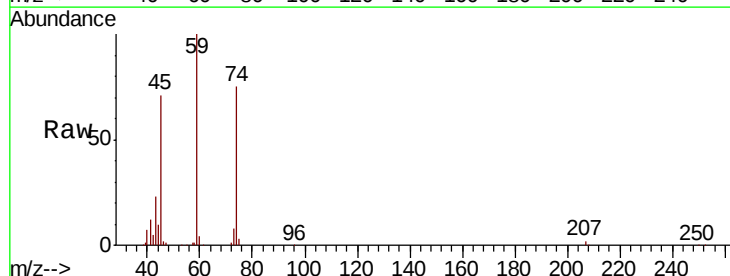
Tot Ion:101 Resp: 372320
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1

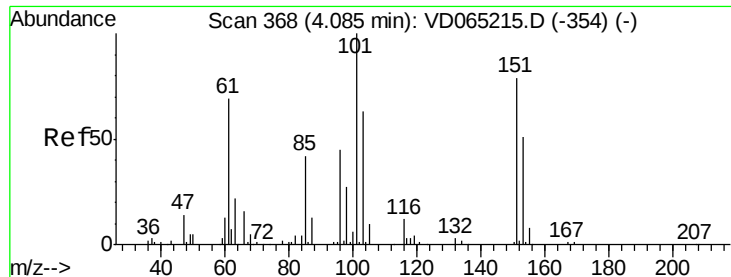


#8

Diethyl Ether
Concen: 46.994 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 74 Resp: 104917
Ion Ratio Lower Upper
74 100
45 101.1 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.098 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

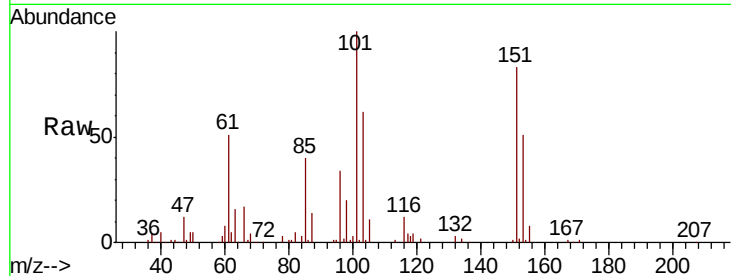
Tot Ion:101 Resp: 238663

Ion Ratio Lower Upper

101 100

85 42.0 34.2 51.2

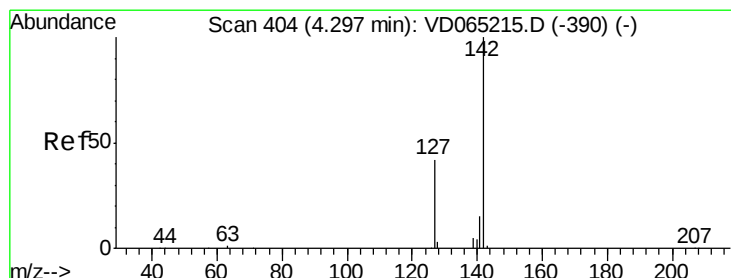
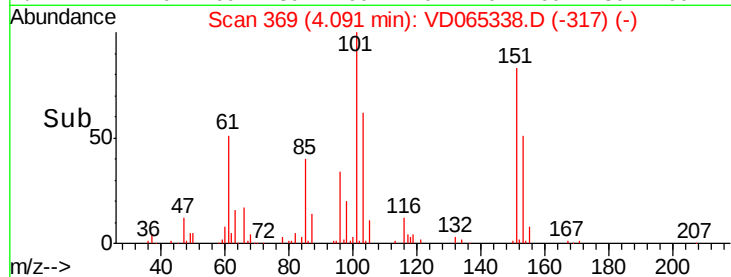
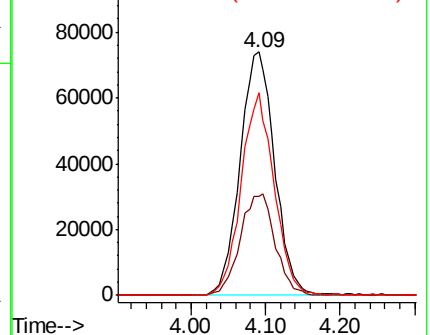
151 78.9 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.066 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

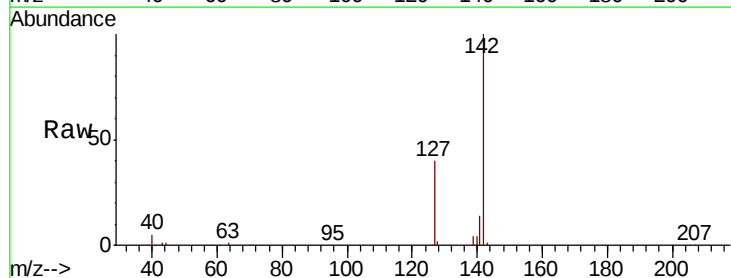
Tgt Ion:142 Resp: 257346

Ion Ratio Lower Upper

142 100

127 43.1 33.8 50.8

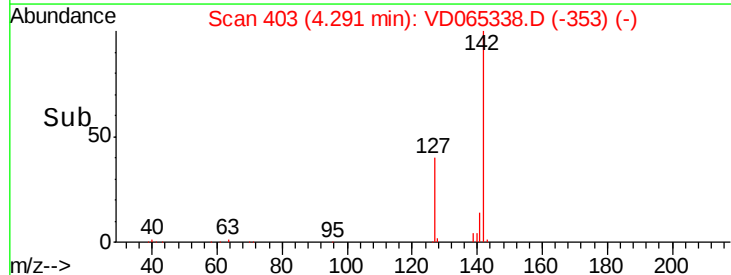
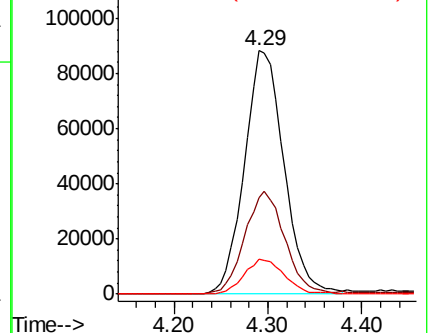
141 14.6 11.7 17.5

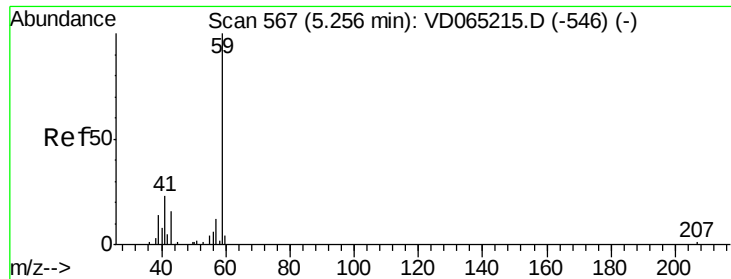


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



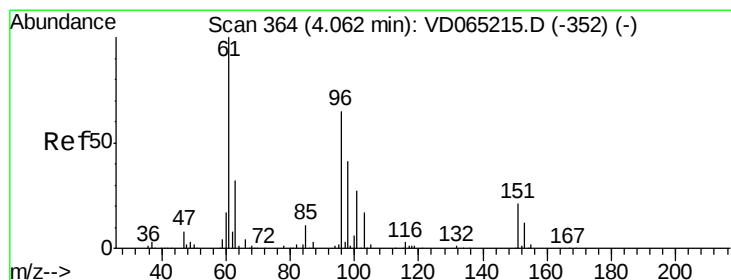
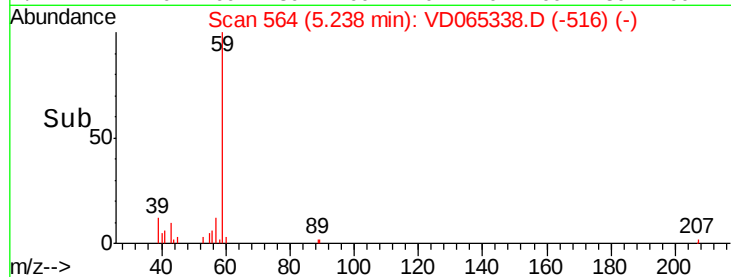
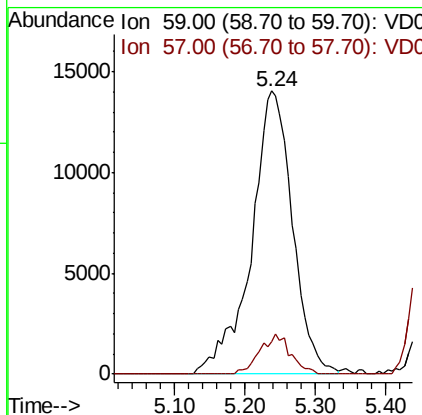
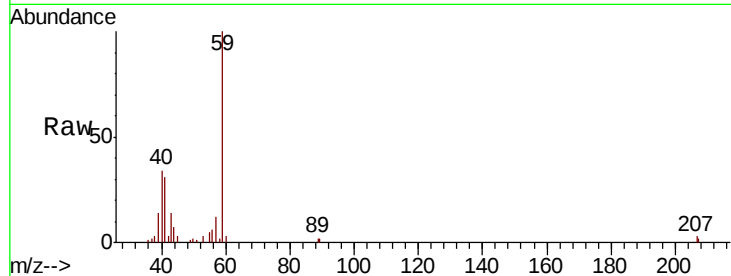


#11

Tert butyl alcohol
 Concen: 223.676 ug/l
 RT: 5.24 min Scan# 564
 Delta R.T. -0.02 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Instrument :
 MSVOA_D
 ClientSampleId :

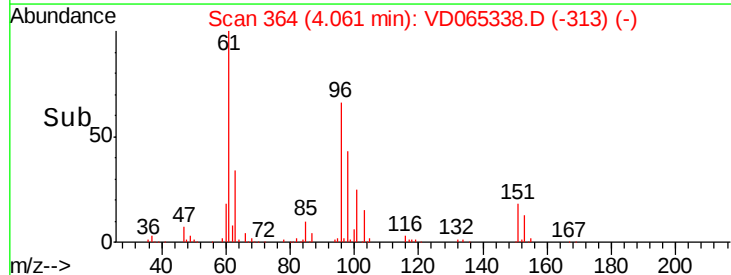
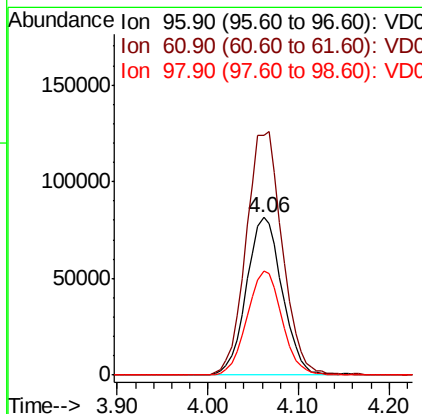
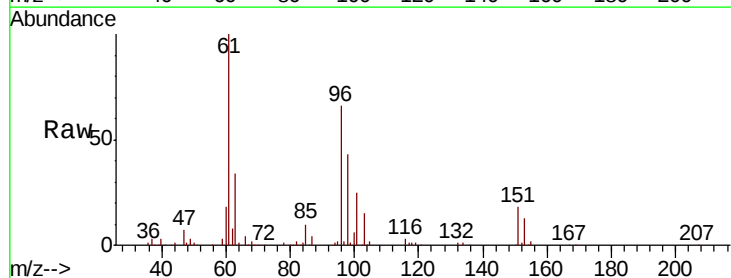
Tot Ion: 59 Resp: 57221
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

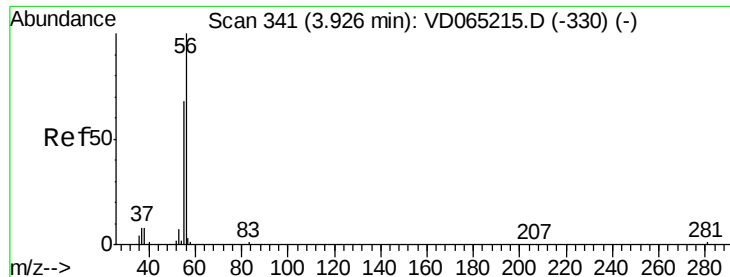


#12

1,1-Dichloroethene
 Concen: 50.536 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion: 96 Resp: 222971
 Ion Ratio Lower Upper
 96 100
 61 152.4 123.3 184.9
 98 65.7 51.0 76.4





#13

Acrolein

Concen: 222.489 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

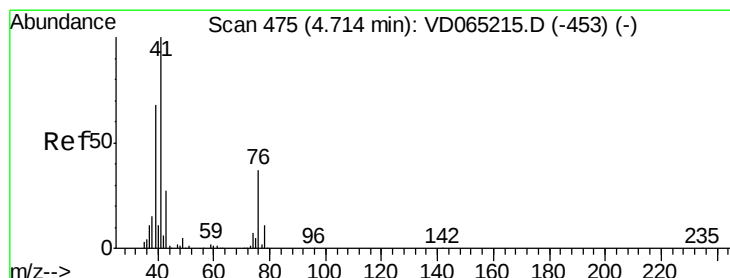
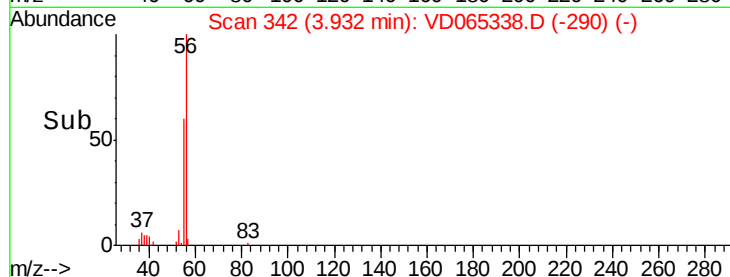
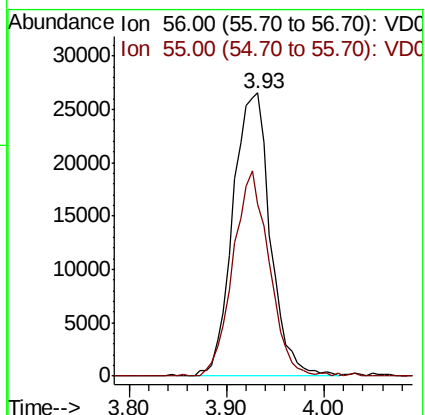
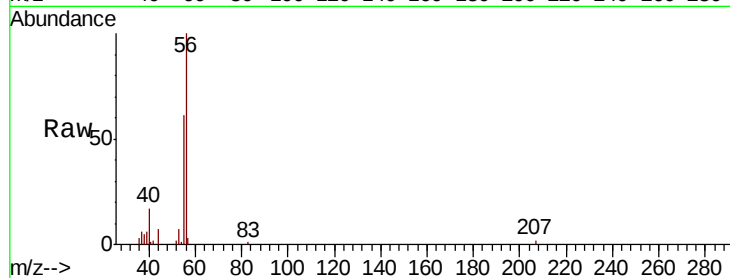
ClientSampleId :

Tot Ion: 56 Resp: 70728

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 49.313 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

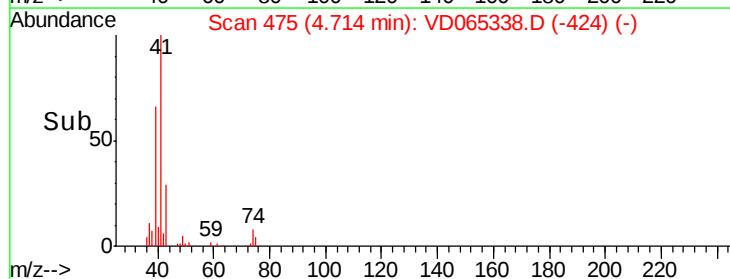
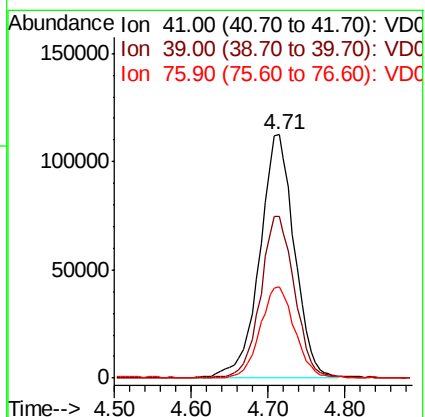
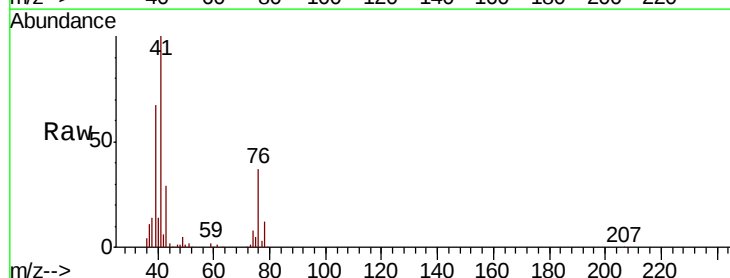
Tgt Ion: 41 Resp: 353319

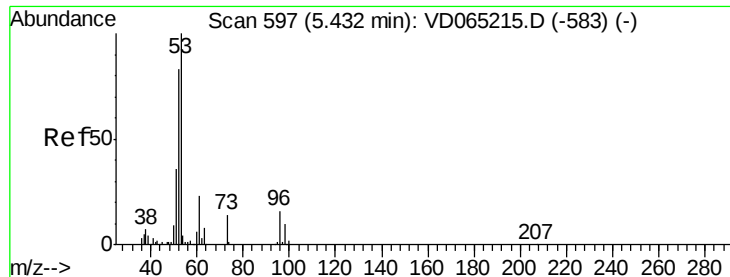
Ion Ratio Lower Upper

41 100

39 65.3 53.8 80.6

76 36.5 28.7 43.1





#15

Acrylonitrile

Concen: 235.389 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

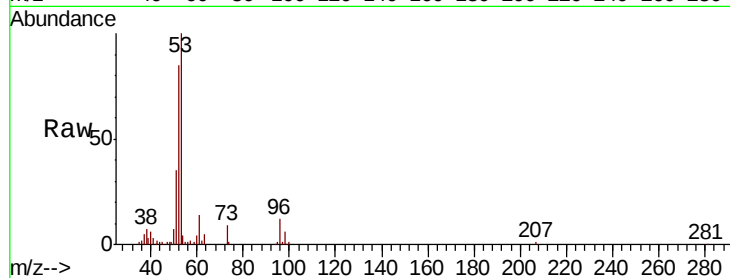
Tot Ion: 53 Resp: 232664

Ion Ratio Lower Upper

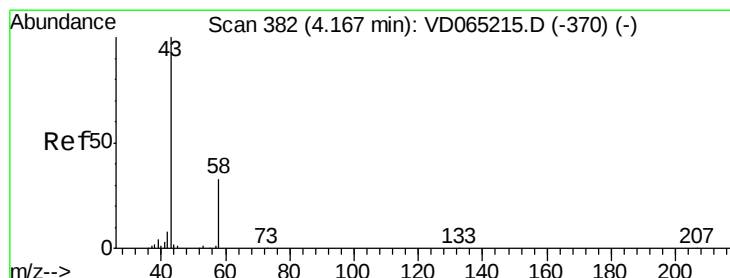
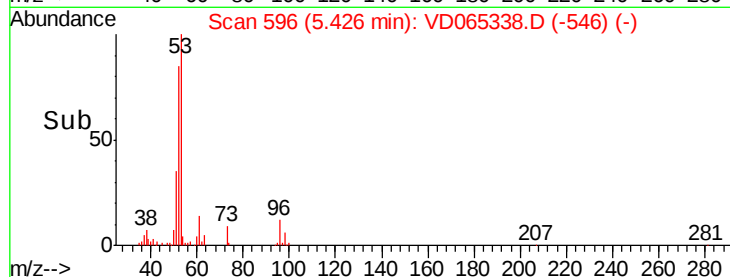
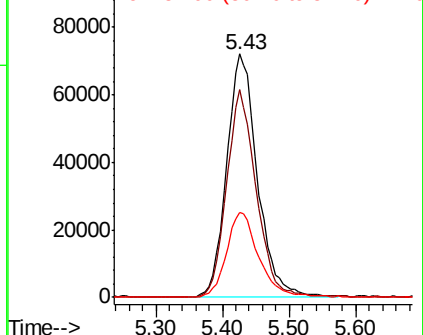
53 100

52 82.0 65.4 98.2

51 36.6 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: 260.657 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065338.D

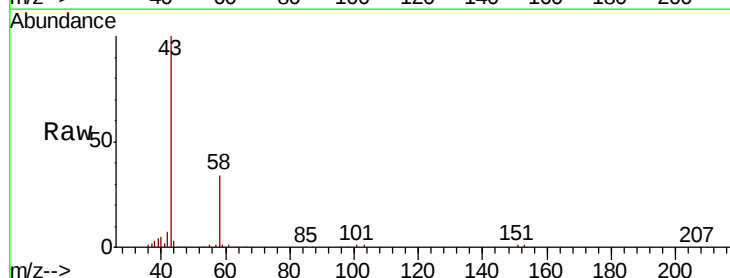
Acq: 27 Feb 2020 10:10

Tgt Ion: 43 Resp: 272779

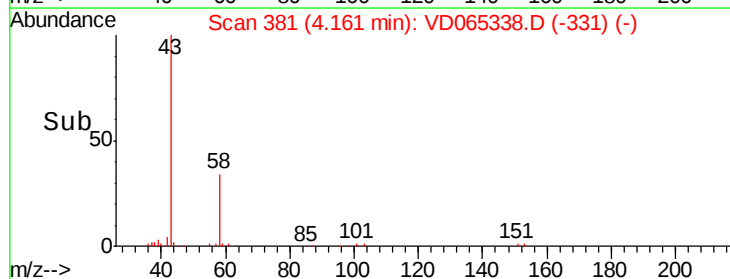
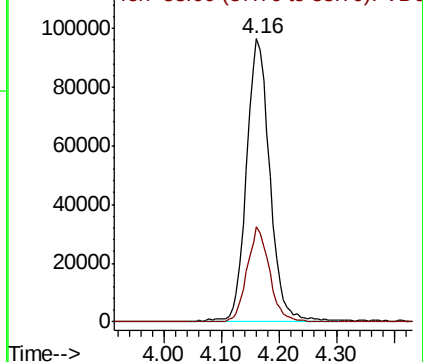
Ion Ratio Lower Upper

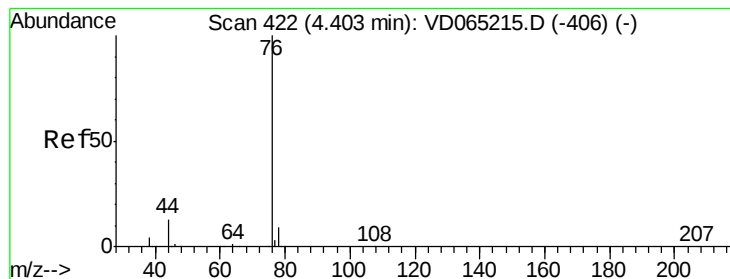
43 100

58 33.7 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: 48.413 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

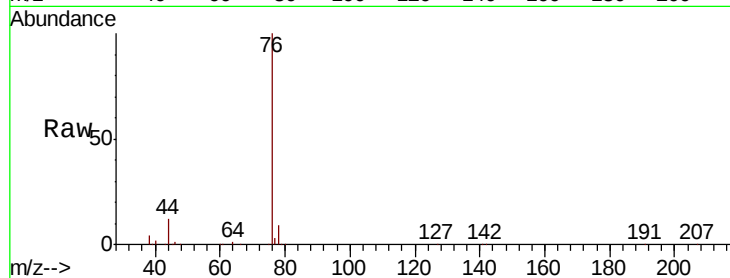
ClientSampled :

Tot Ion: 76 Resp: 716136

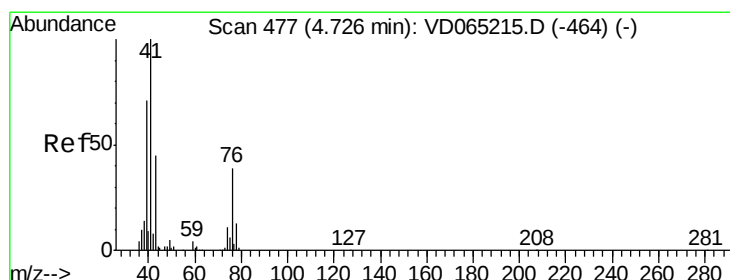
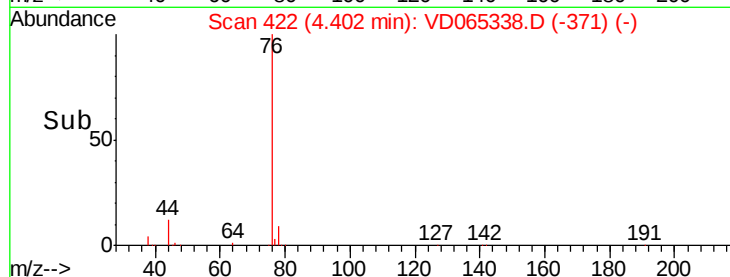
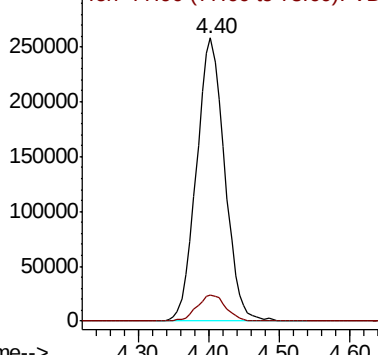
Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 45.771 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065338.D

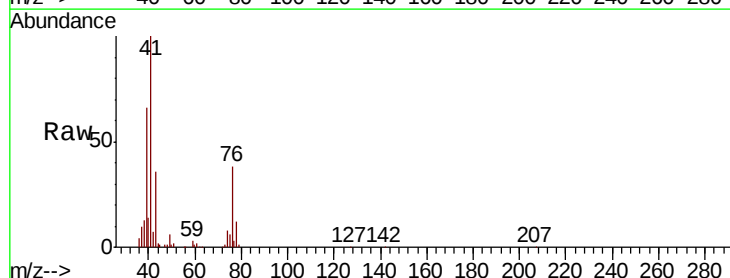
Acq: 27 Feb 2020 10:10

Tgt Ion: 43 Resp: 107731

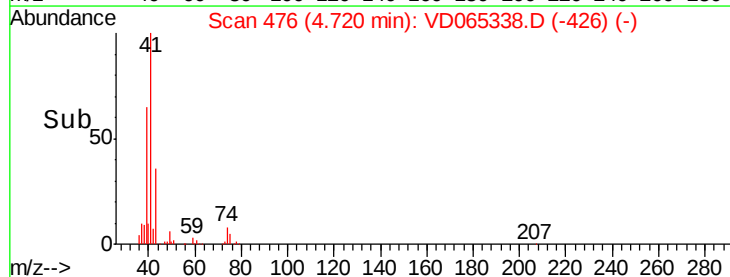
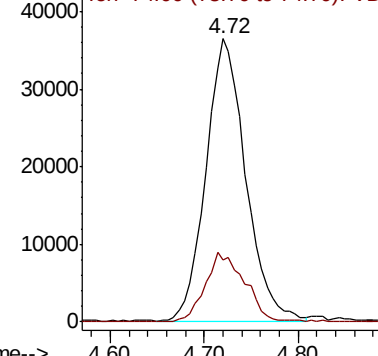
Ion Ratio Lower Upper

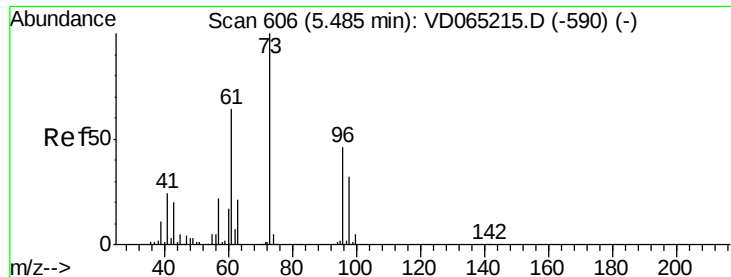
43 100

74 24.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

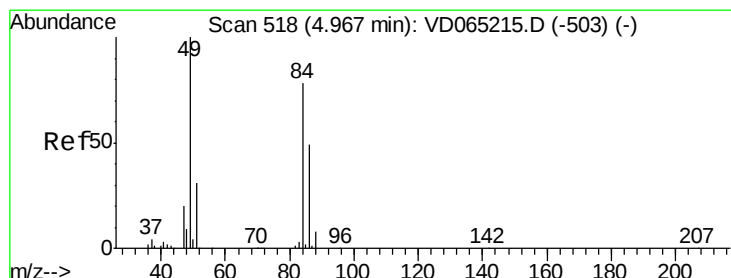
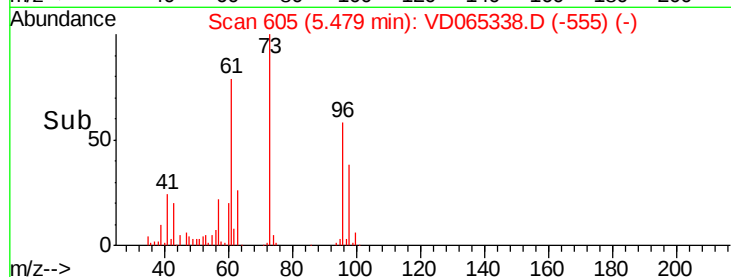
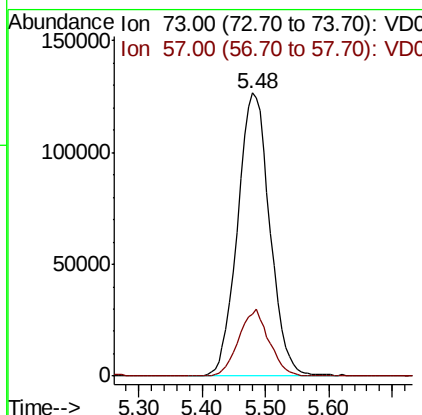
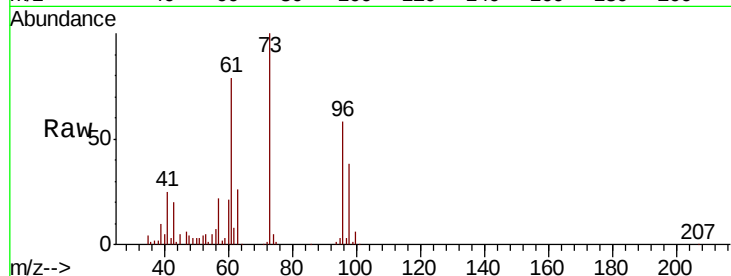




#19
Methyl tert-butyl Ether
Concen: 48.513 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

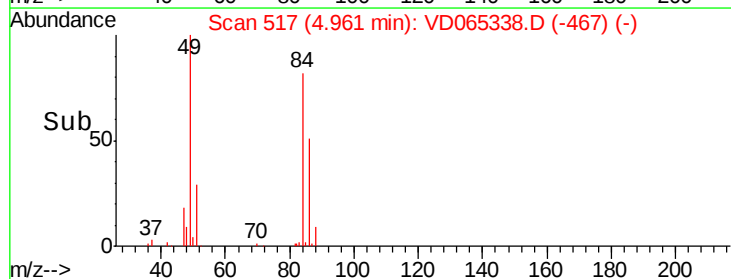
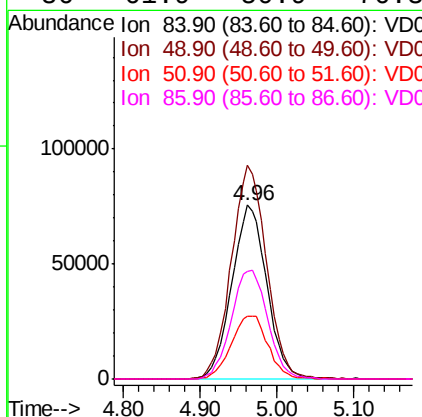
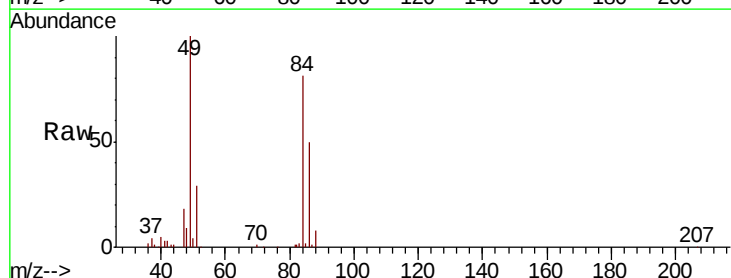
Instrument :
MSVOA_D
ClientSampleID :

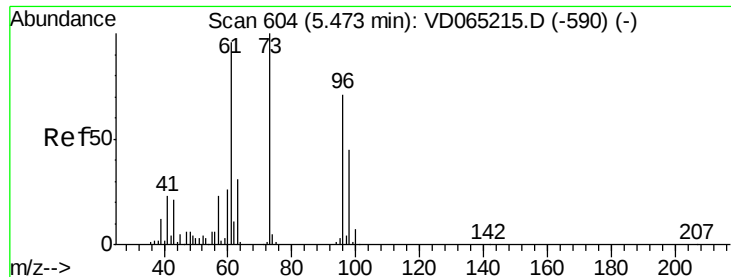
Tot Ion: 73 Resp: 446356
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 51.840 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 84 Resp: 240723
Ion Ratio Lower Upper
84 100
49 122.8 103.1 154.7
51 35.7 31.7 47.5
86 61.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 51.037 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampled :

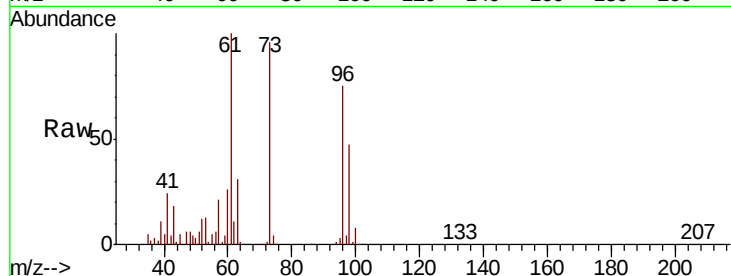
Tot Ion: 96 Resp: 255991

Ion Ratio Lower Upper

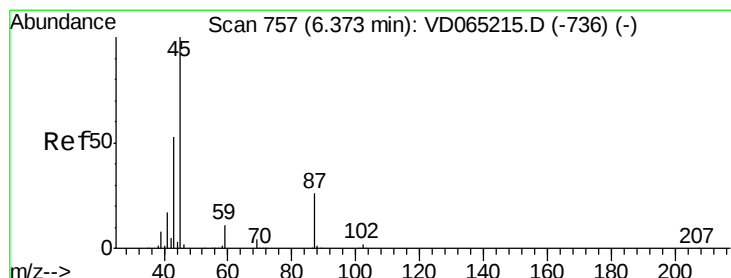
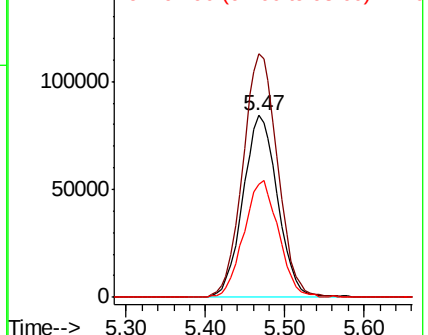
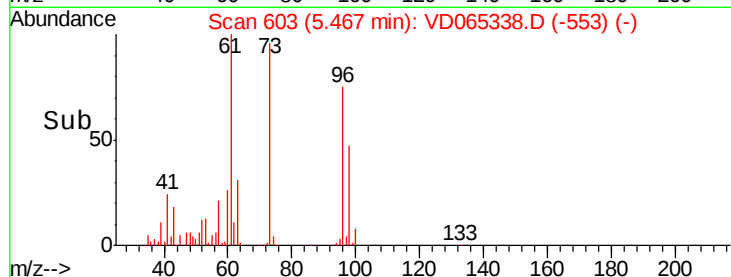
96 100

61 134.1 108.3 162.5

98 62.6 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: 50.520 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Tgt Ion: 45 Resp: 697802

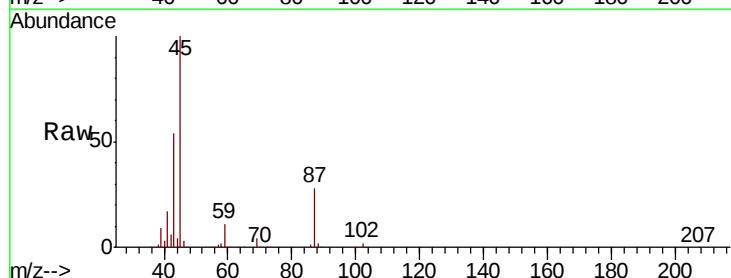
Ion Ratio Lower Upper

45 100

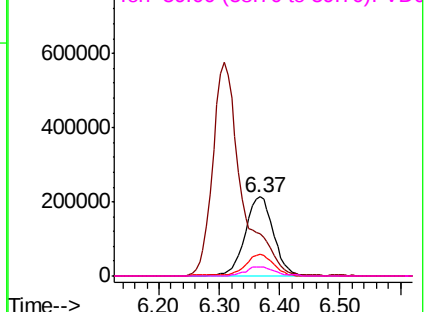
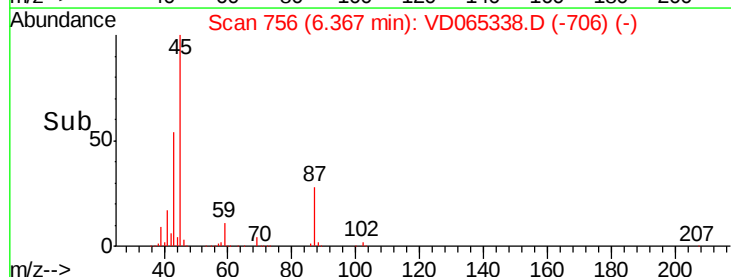
43 53.4 42.6 64.0

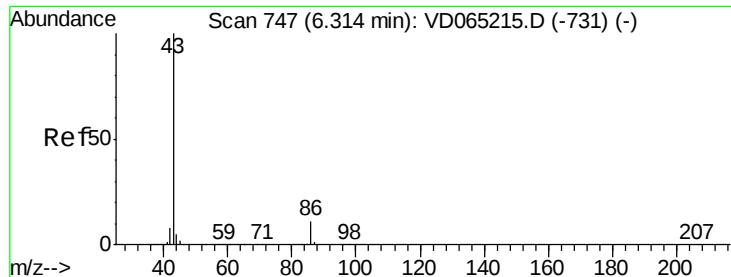
87 28.1 21.2 31.8

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

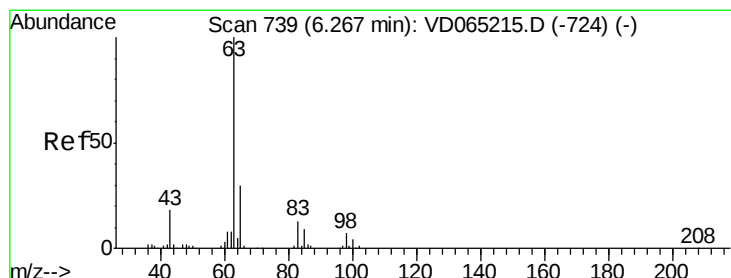
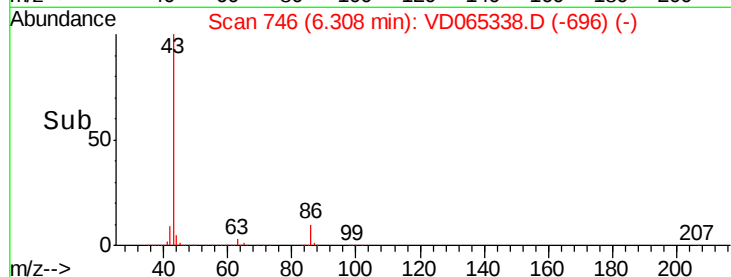
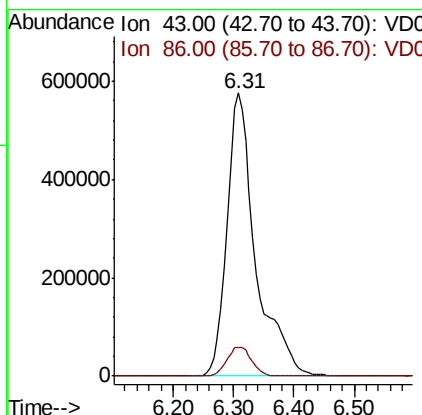
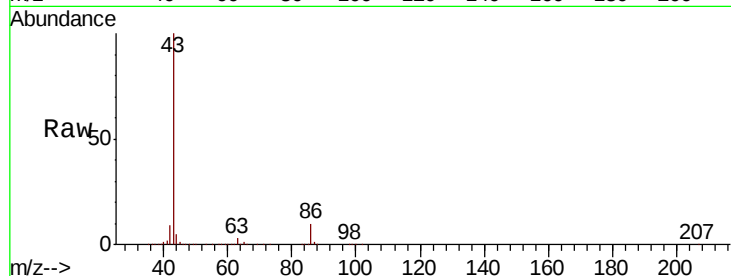




#23
 Vinyl Acetate
 Concen: 250.279 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

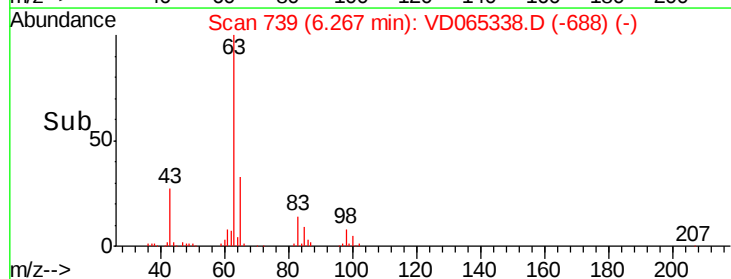
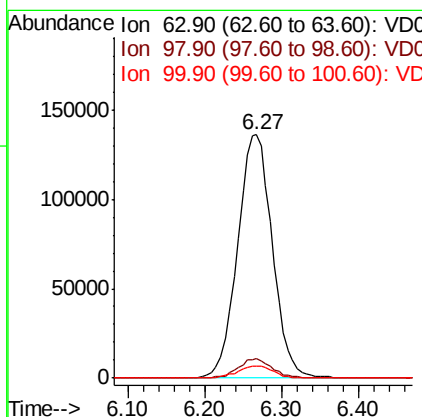
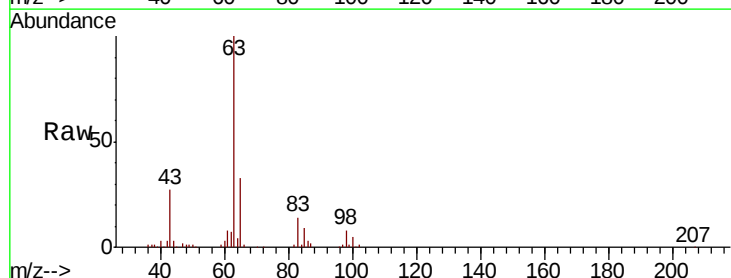
Instrument :
 MSVOA_D
 ClientSampleId :

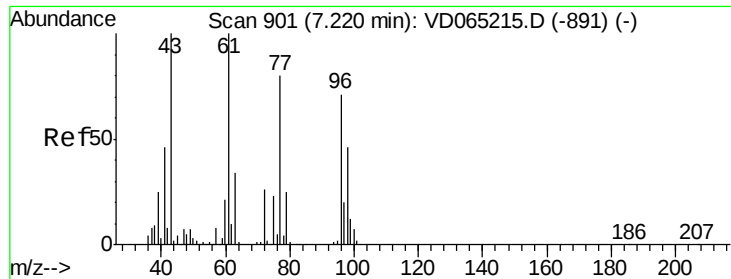
Tot Ion: 43 Resp: 1905796
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 50.165 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion: 63 Resp: 429774
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 238.209 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

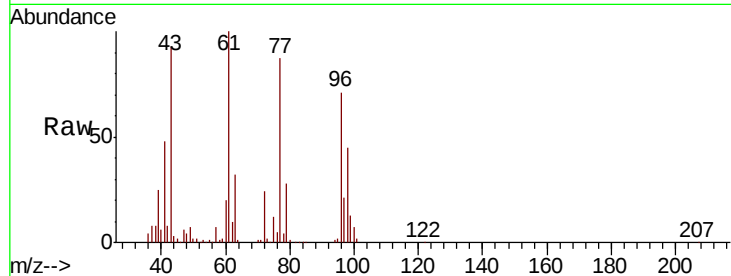
ClientSampled :

Tot Ion: 43 Resp: 315402

Ion Ratio Lower Upper

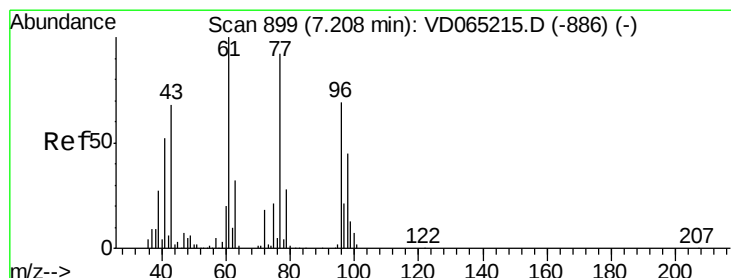
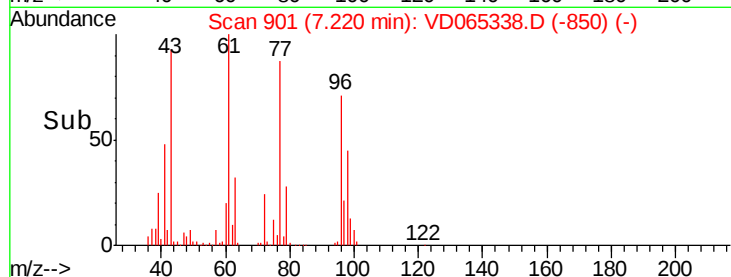
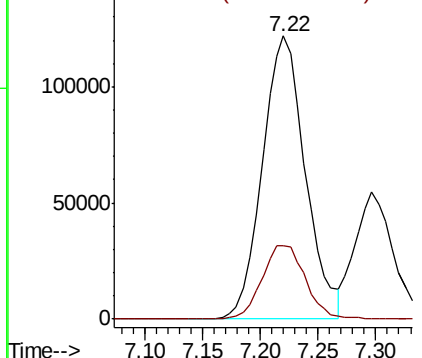
43 100

72 26.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.401 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065338.D

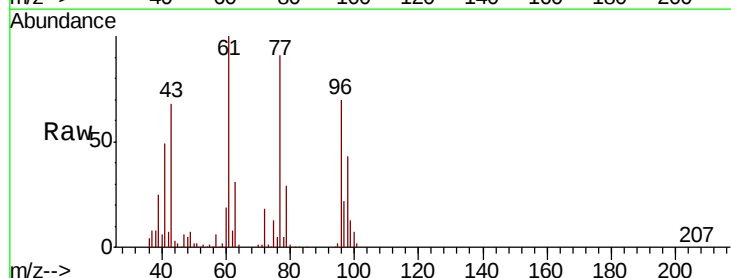
Acq: 27 Feb 2020 10:10

Tgt Ion: 77 Resp: 382077

Ion Ratio Lower Upper

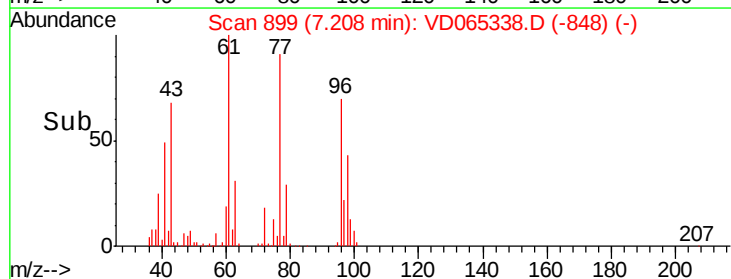
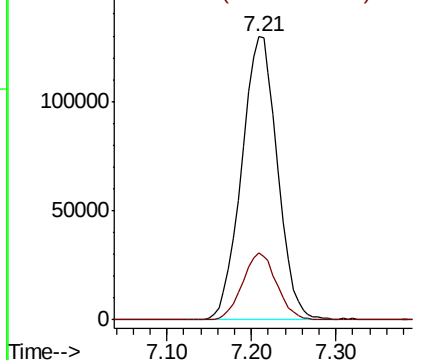
77 100

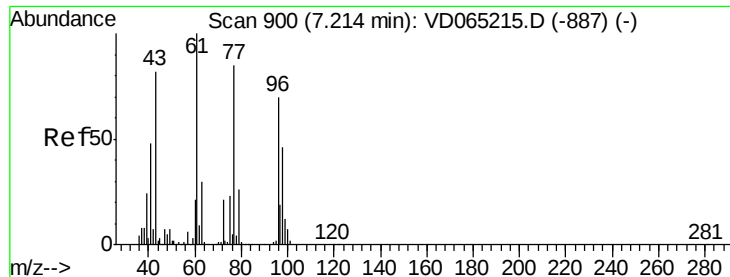
97 22.8 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



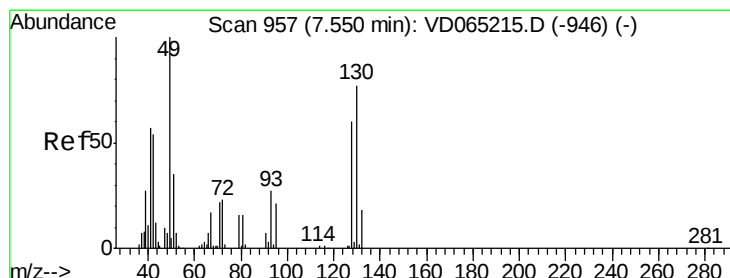
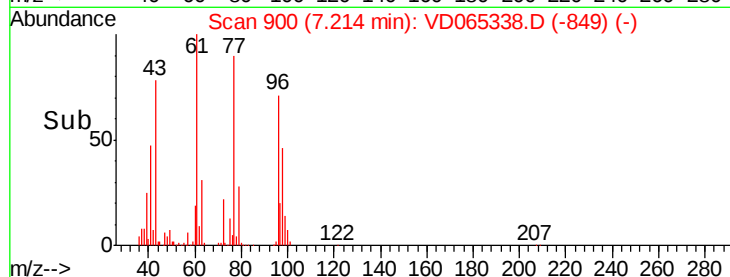
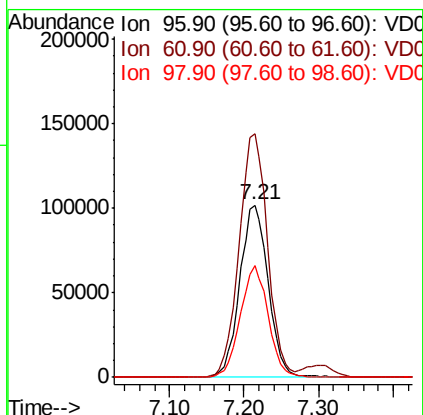
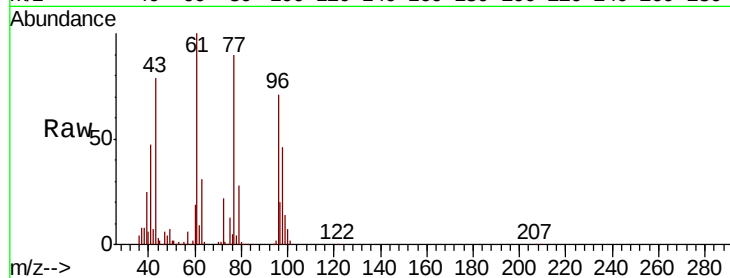


#27

cis-1,2-Dichloroethene
Concen: 50.805 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Instrument :
MSVOA_D
ClientSampleId :

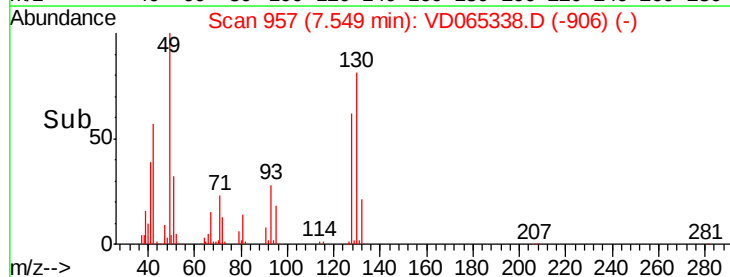
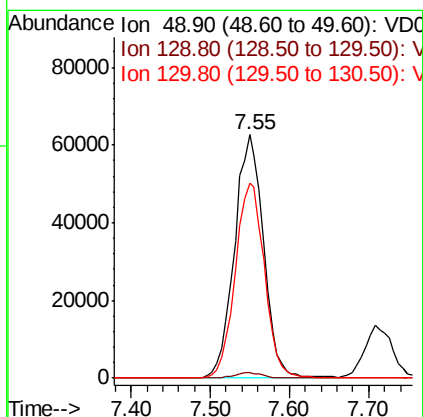
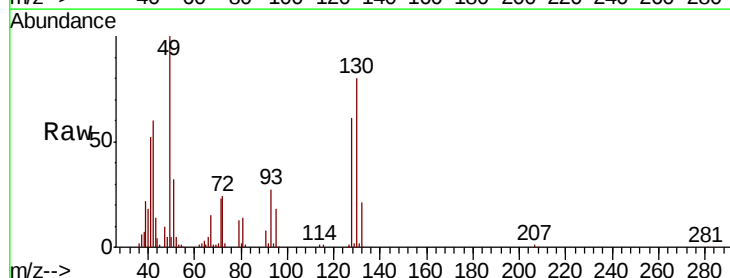
Tot Ion	96	Resp	269926
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	286.0
98	63.2	0.0	127.8

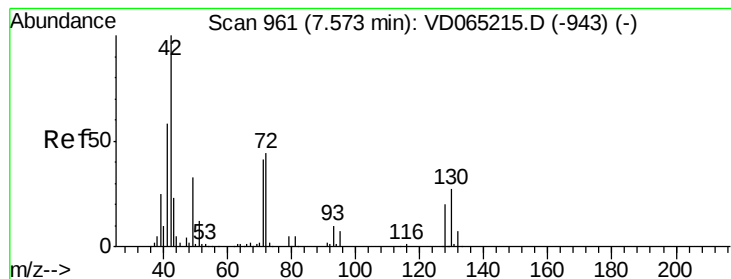


#28

Bromochloromethane
Concen: 50.077 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion	49	Resp	159166
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	80.4	64.7	97.1





#29

Tetrahydrofuran

Concen: 239.419 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :
MSVOA_D
ClientSampled :

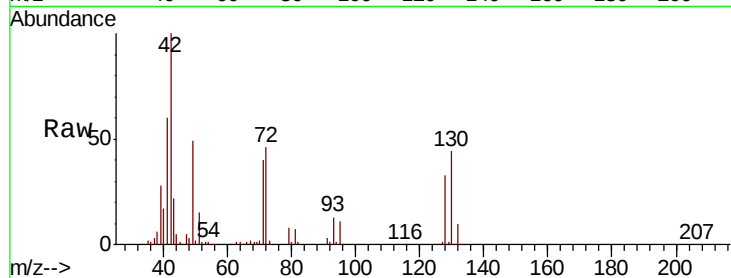
Tot Ion: 42 Resp: 185740

Ion Ratio Lower Upper

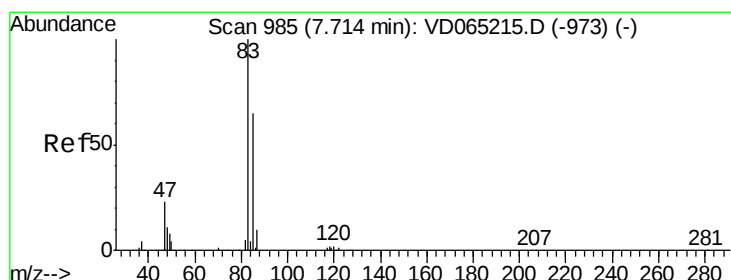
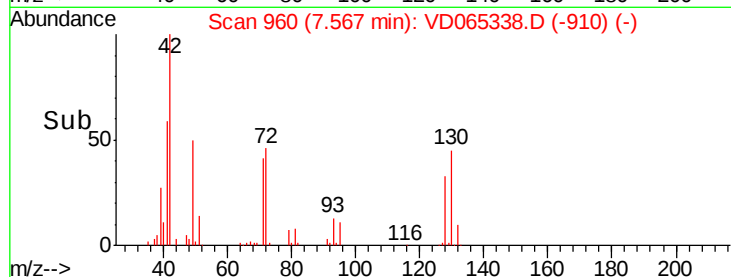
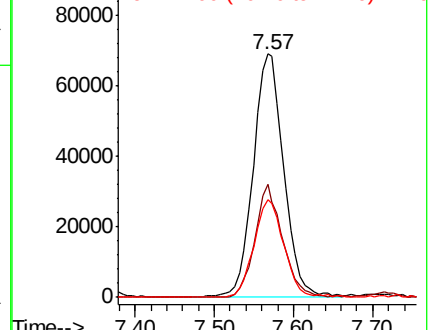
42 100

72 41.7 33.7 50.5

71 39.4 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: 49.961 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065338.D

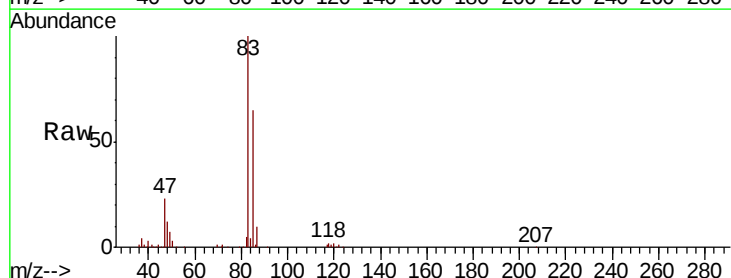
Acq: 27 Feb 2020 10:10

Tgt Ion: 83 Resp: 431230

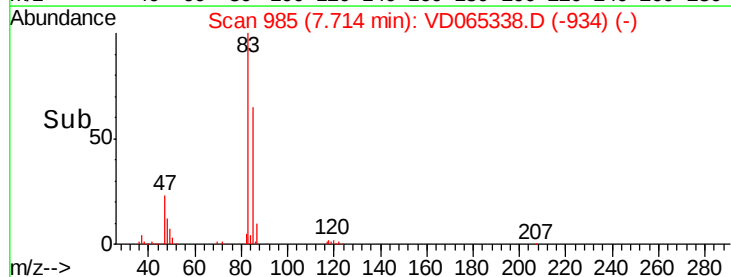
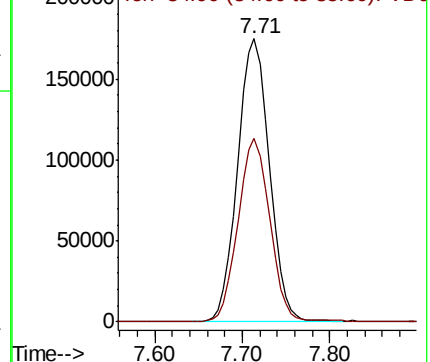
Ion Ratio Lower Upper

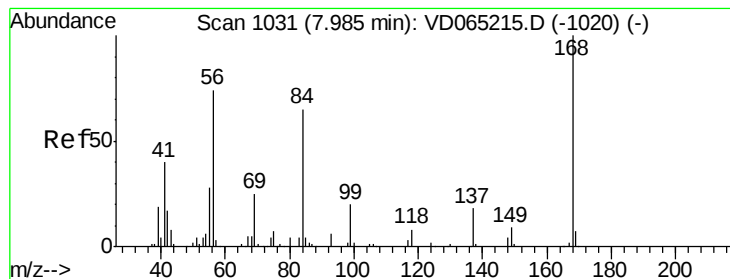
83 100

85 64.9 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: 48.347 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampled :

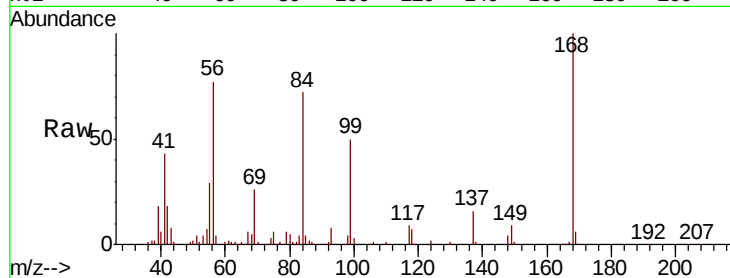
Tot Ion: 56 Resp: 406962

Ion Ratio Lower Upper

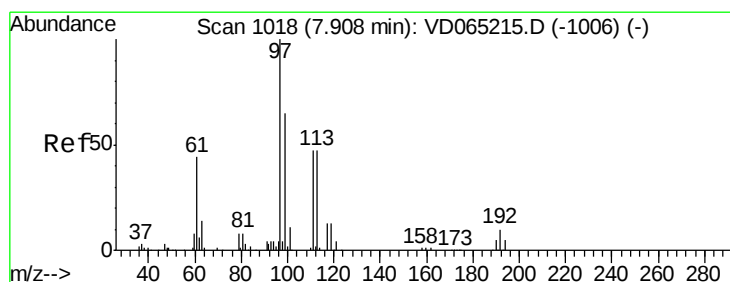
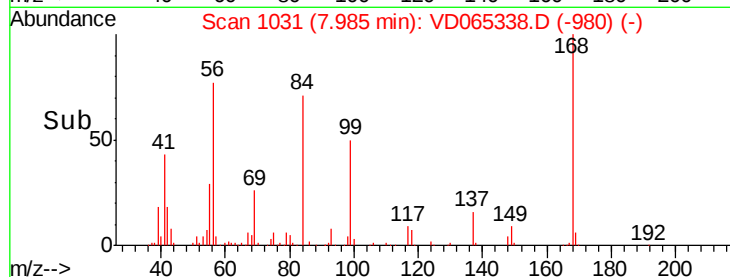
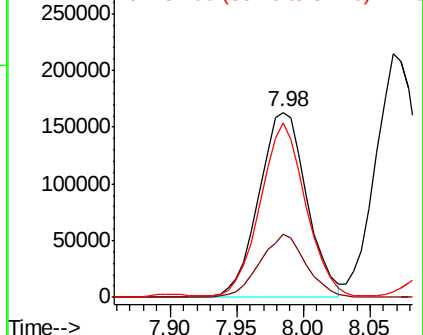
56 100

69 34.2 27.4 41.0

84 93.2 71.1 106.7



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



#32

1,1,1-Trichloroethane

Concen: 50.338 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

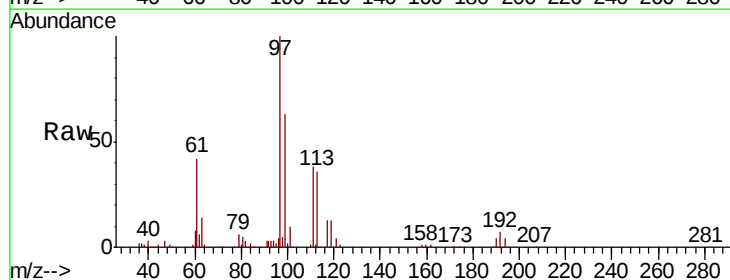
Tgt Ion: 97 Resp: 388740

Ion Ratio Lower Upper

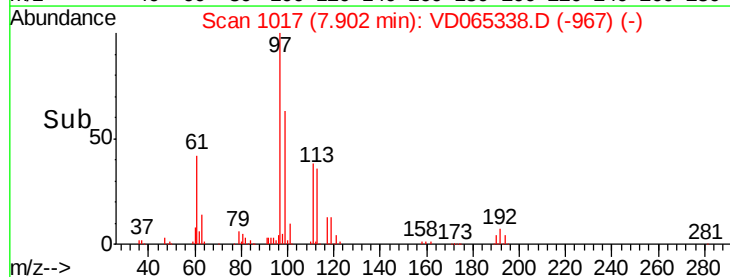
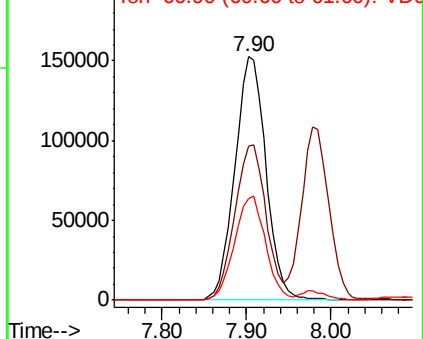
97 100

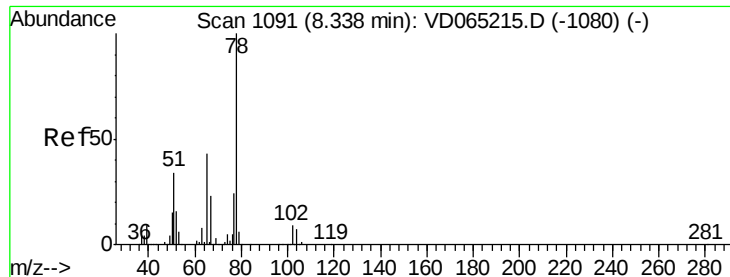
99 64.1 51.4 77.2

61 42.8 34.8 52.2



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





#33

1,2-Dichloroethane-d4

Concen: 49.054 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

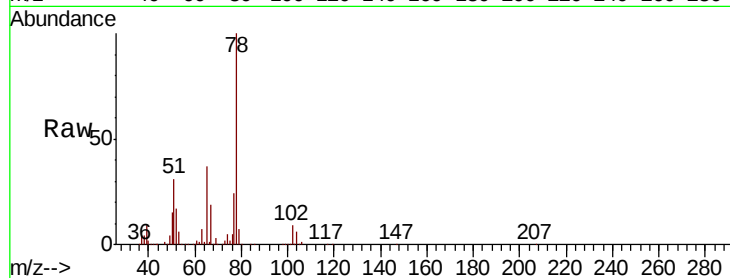
ClientSampleId :

Tot Ion: 65 Resp: 210006

Ion Ratio Lower Upper

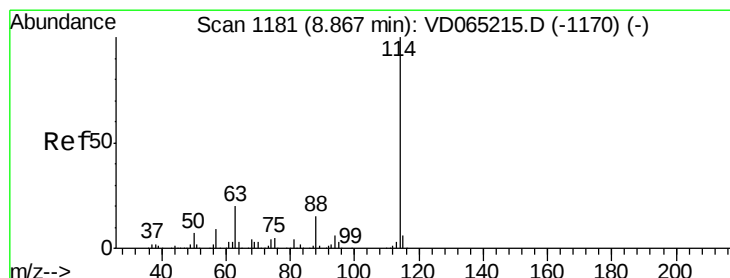
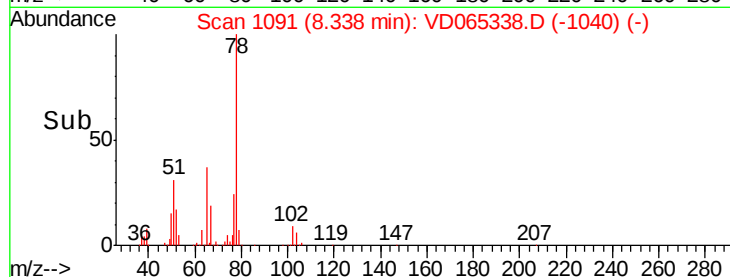
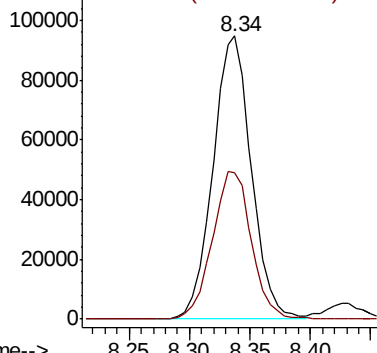
65 100

67 53.2 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: VD065338.D

Acq: 27 Feb 2020 10:10

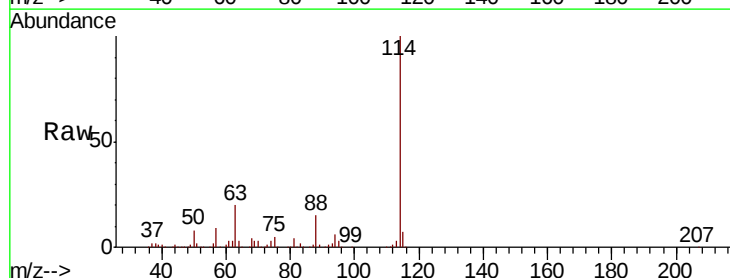
Tgt Ion: 114 Resp: 678189

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

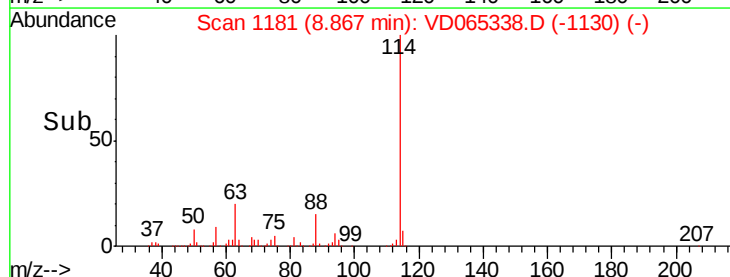
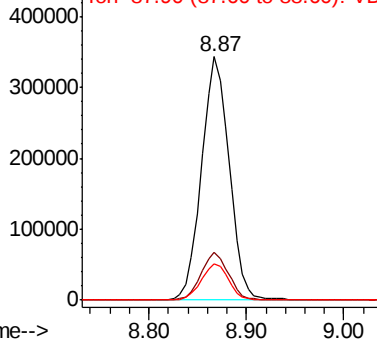
88 14.7 0.0 30.4

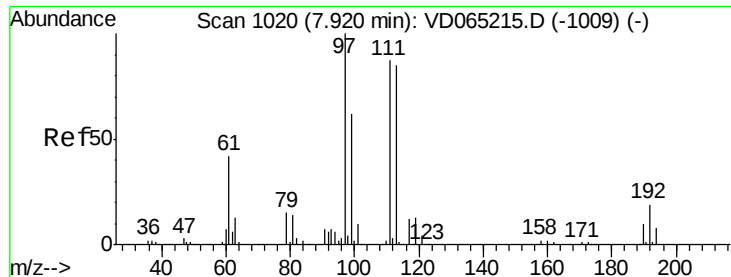


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

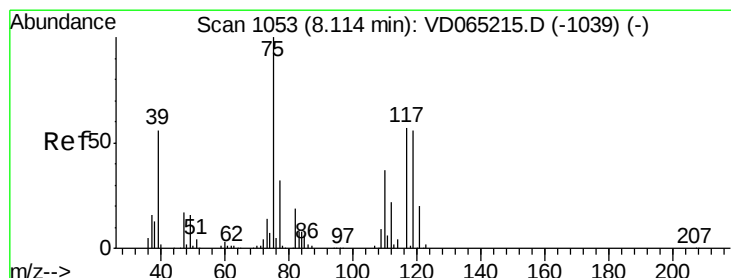
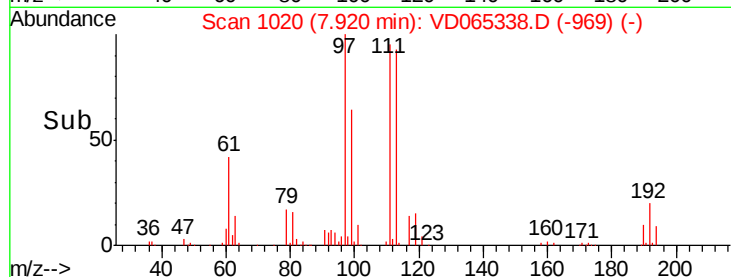
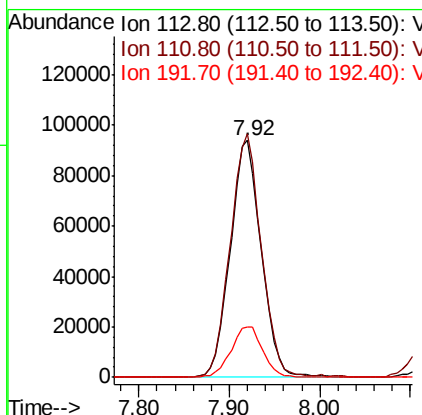
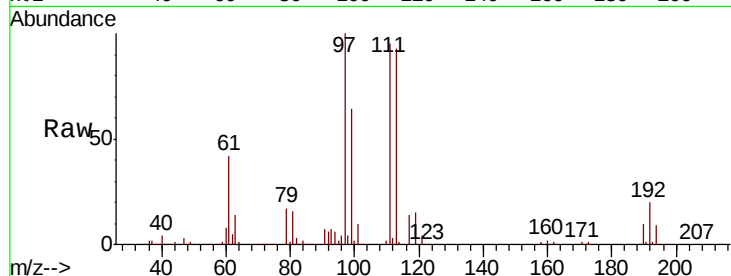




#35
 Dibromofluoromethane
 Concen: 54.037 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

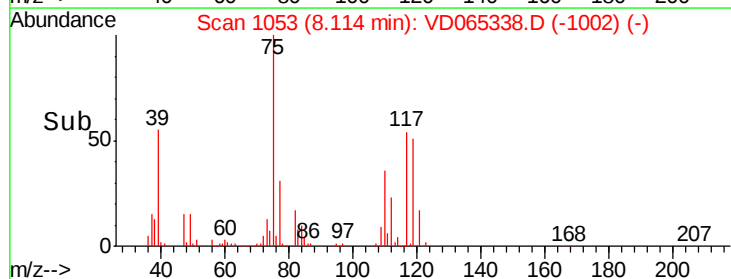
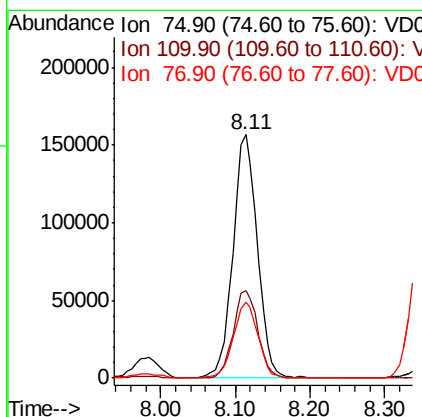
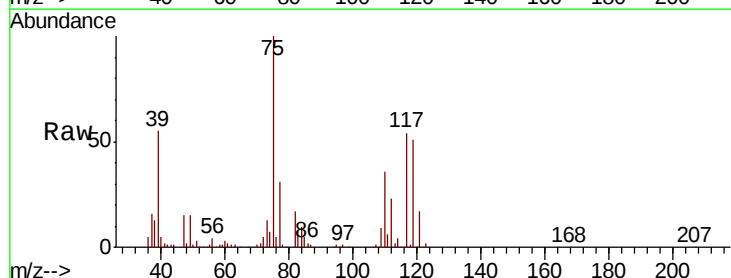
Instrument :
 MSVOA_D
 ClientSampleId :

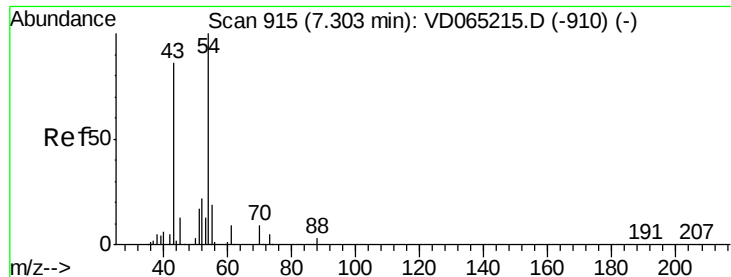
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	21.9	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 53.817 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.9	53.7
77	31.7	25.1	37.7

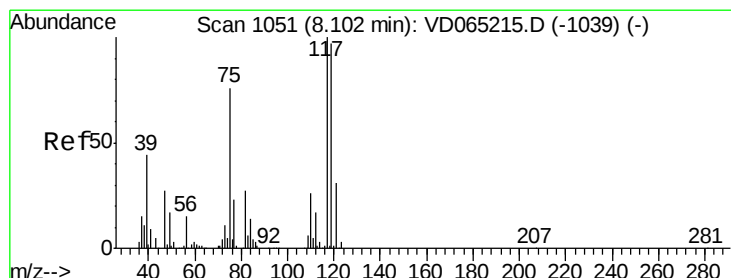
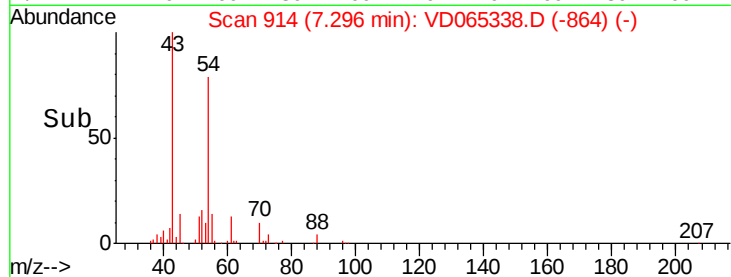
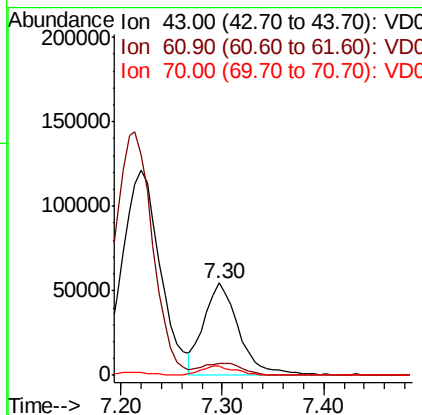
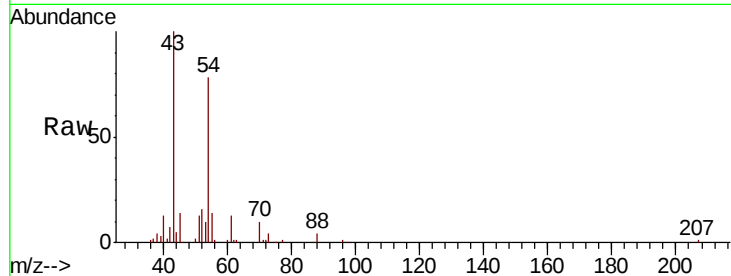




#37
Ethyl Acetate
Concen: 46.839 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

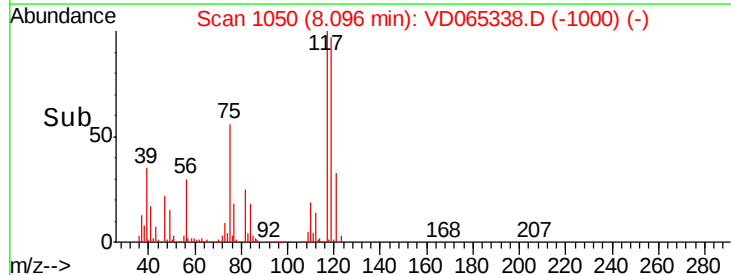
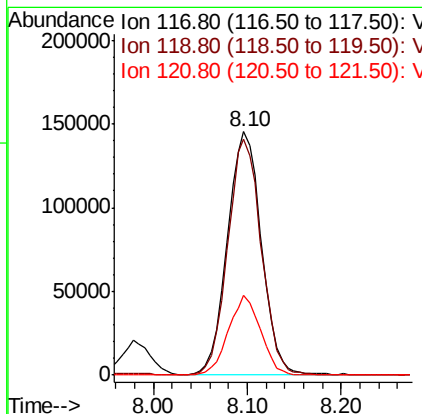
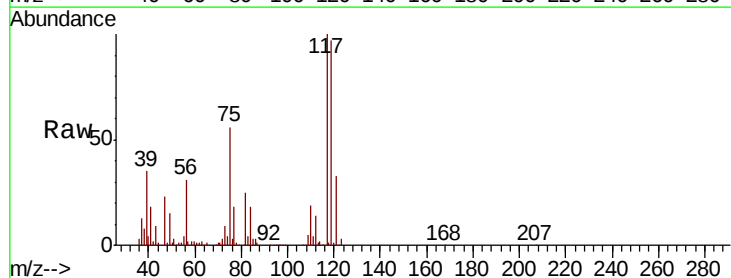
Instrument :
MSVOA_D
ClientSampleId :

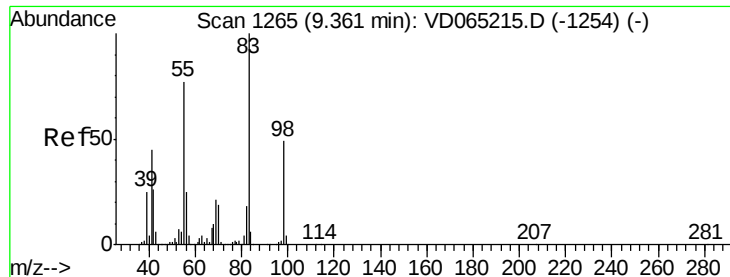
Tot Ion: 43 Resp: 129211
Ion Ratio Lower Upper
43 100
61 15.4 11.2 16.8
70 10.4 8.2 12.2



#38
Carbon Tetrachloride
Concen: 53.927 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 117 Resp: 362258
Ion Ratio Lower Upper
117 100
119 97.1 77.6 116.4
121 32.9 24.8 37.2

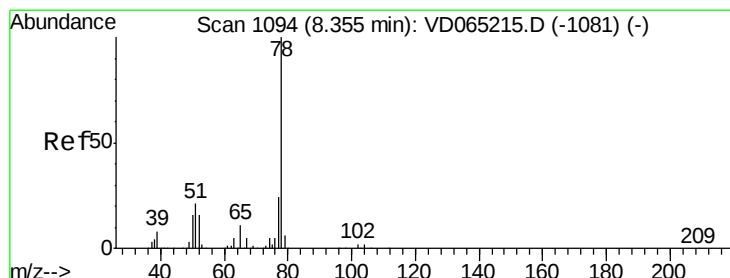
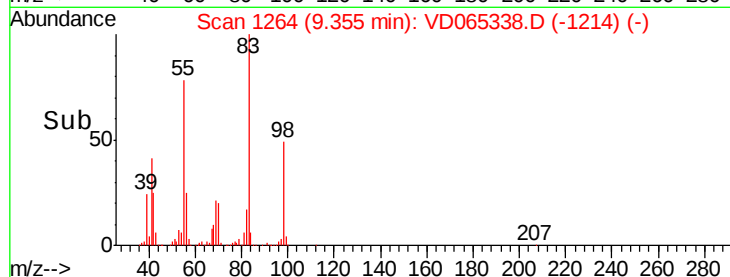
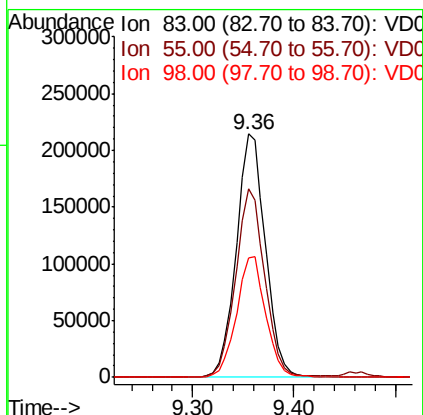
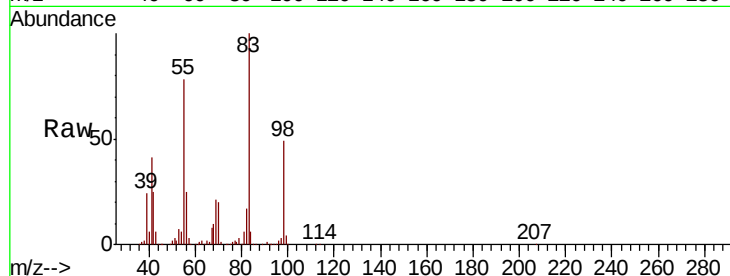




#39
Methvlcvclohexane
Concen: 55.217 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

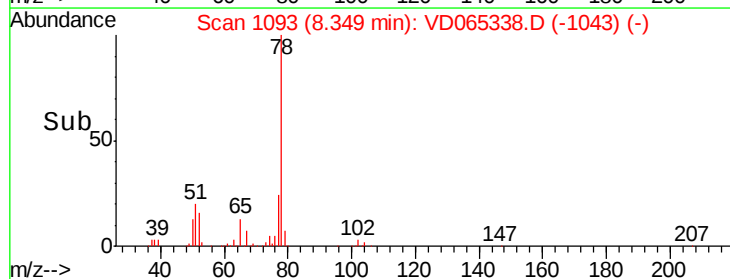
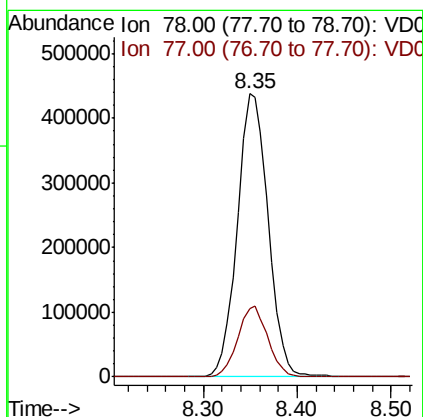
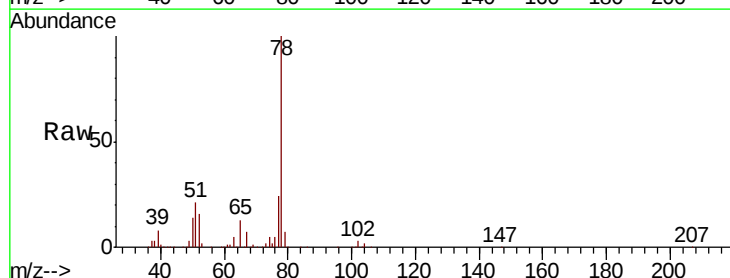
Instrument :
MSVOA_D
ClientSampleId :

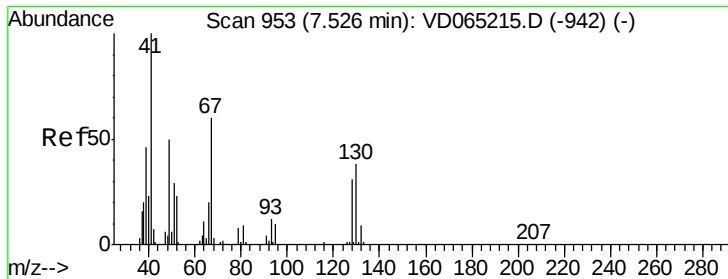
Tot Ion: 83 Resp: 428364
Ion Ratio Lower Upper
83 100
55 77.5 61.8 92.6
98 48.8 39.4 59.0



#40
Benzene
Concen: 53.448 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 78 Resp: 995512
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

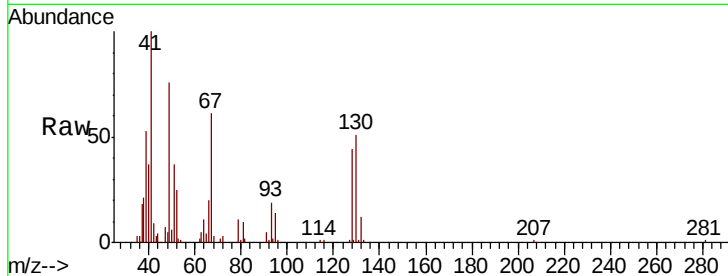




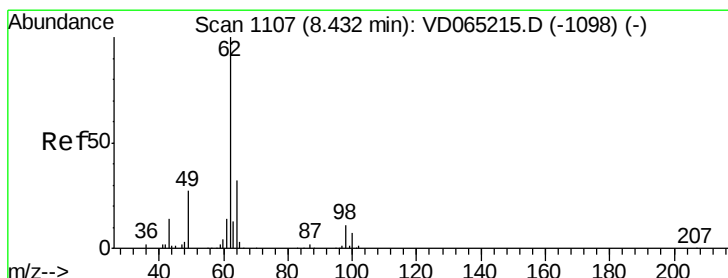
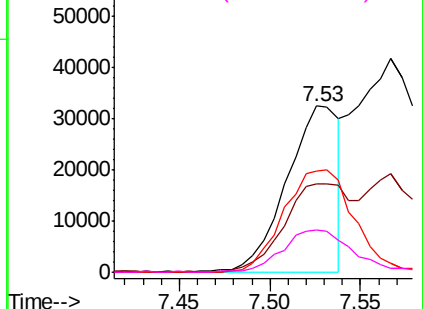
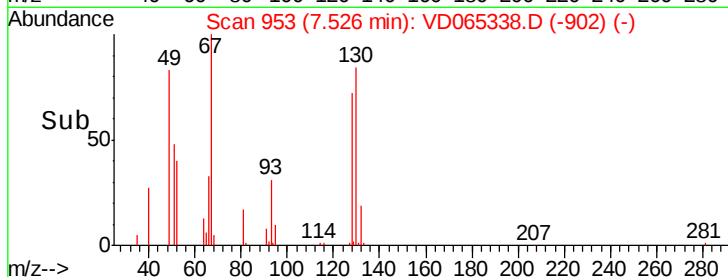
#41
Methacrylonitrile
Concen: 41.062 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	41	Resp:	65404
Ion	Ratio	Lower	Upper
41	100		
39	63.8	48.1	72.1
67	82.7	58.9	88.3
52	34.6	24.2	36.2

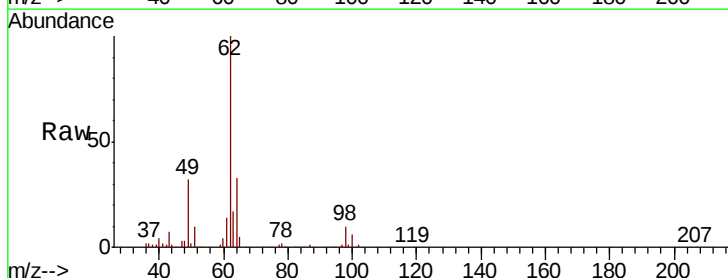


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

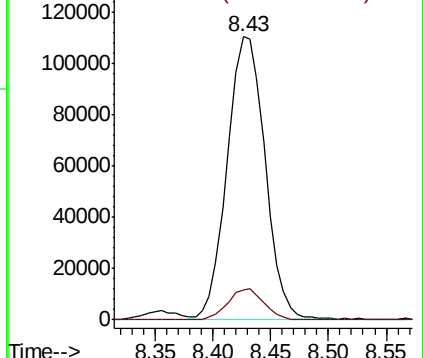
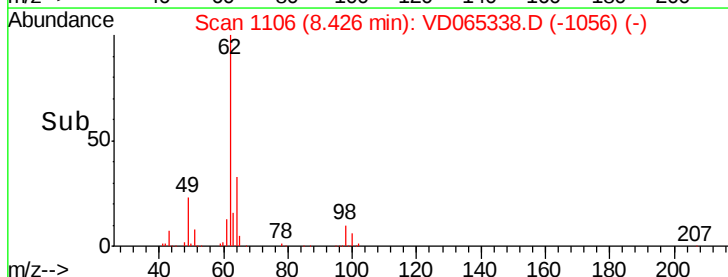


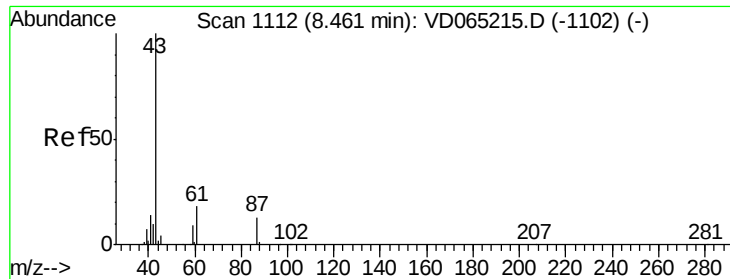
#42
1,2-Dichloroethane
Concen: 48.904 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion:	62	Resp:	250414
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 48.480 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

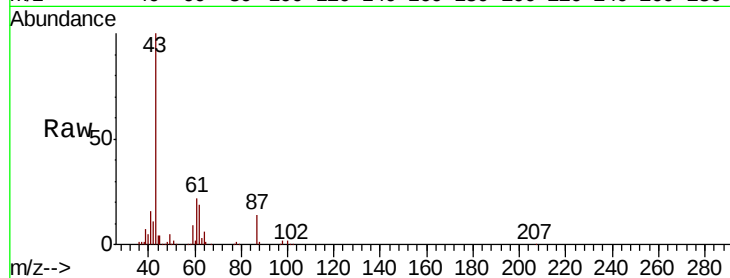
Tot Ion: 43 Resp: 243198

Ion Ratio Lower Upper

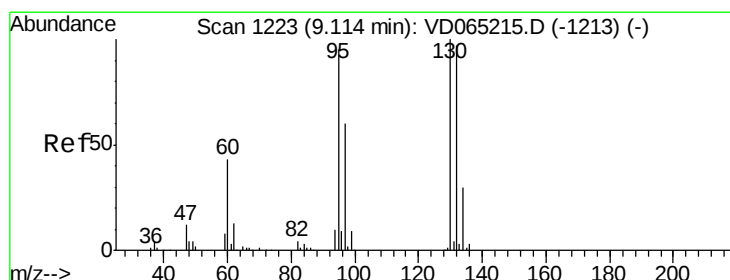
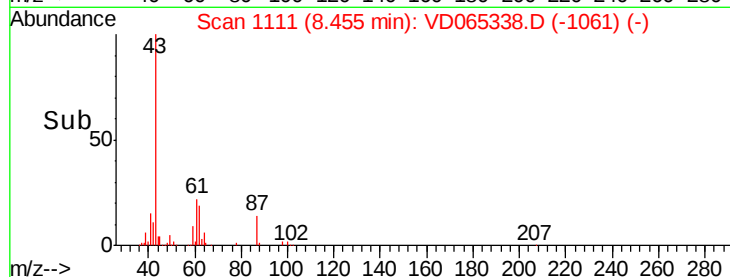
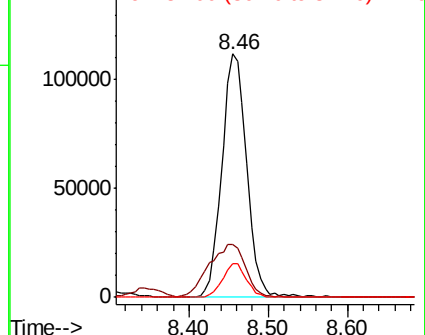
43 100

61 32.1 24.6 36.8

87 13.3 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: 54.162 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065338.D

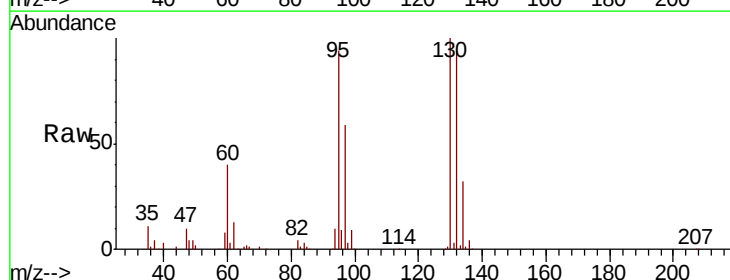
Acq: 27 Feb 2020 10:10

Tgt Ion:130 Resp: 279637

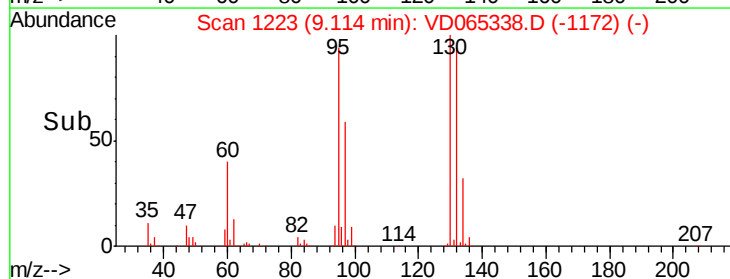
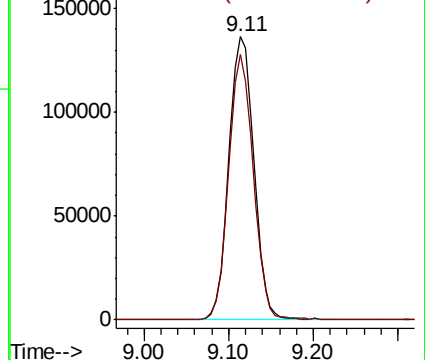
Ion Ratio Lower Upper

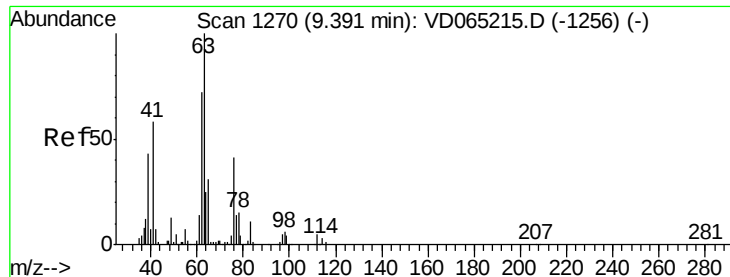
130 100

95 93.9 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: 53.014 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

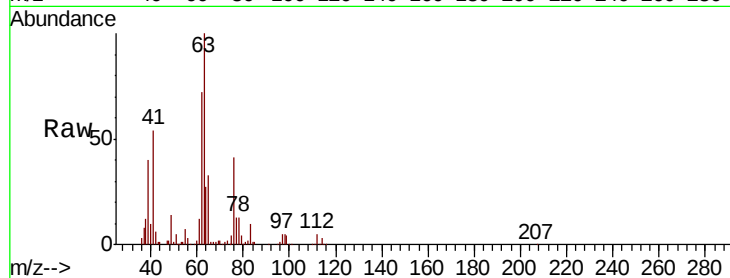
ClientSampled :

Tot Ion: 63 Resp: 245534

Ion Ratio Lower Upper

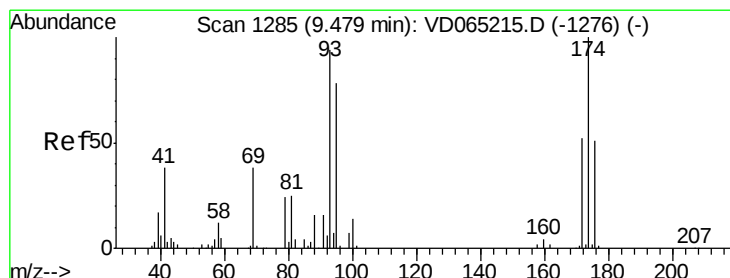
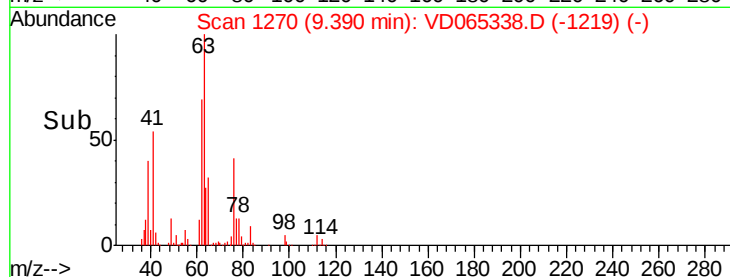
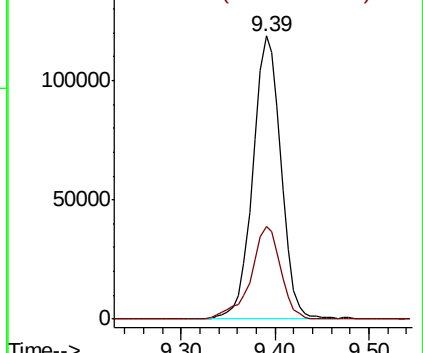
63 100

65 32.8 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.343 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

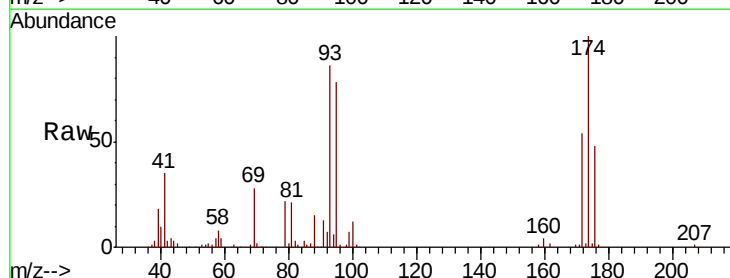
Tgt Ion: 93 Resp: 122349

Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

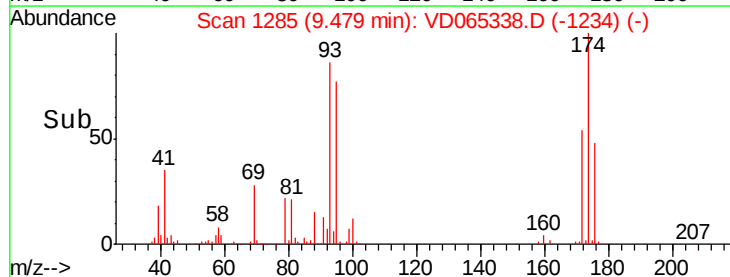
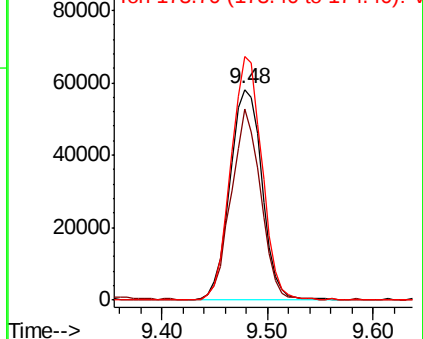
174 111.1 86.8 130.2

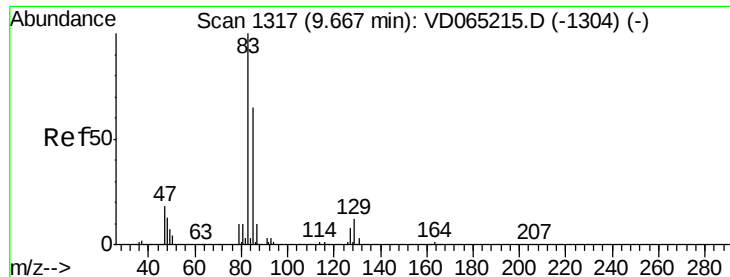


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.029 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

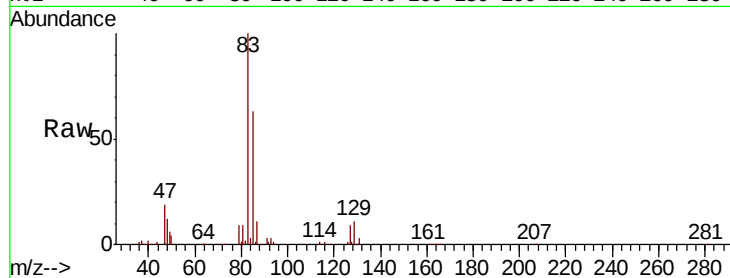
Tot Ion: 83 Resp: 326739

Ion Ratio Lower Upper

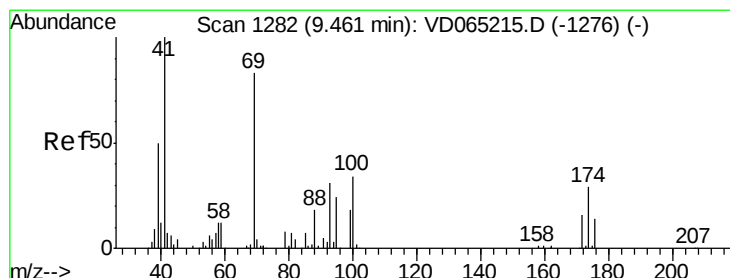
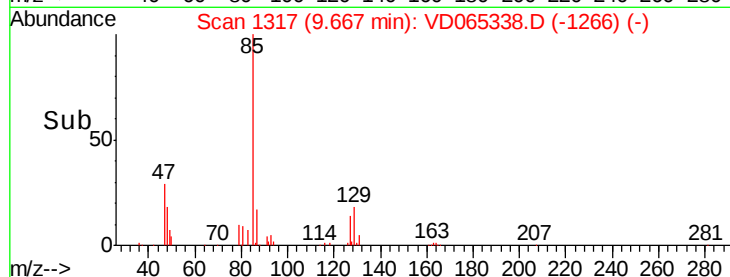
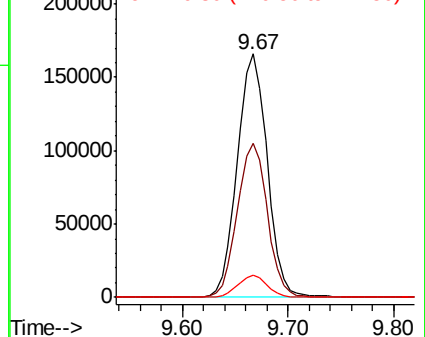
83 100

85 63.5 52.0 78.0

127 9.1 6.7 10.1



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



#48

Methyl methacrylate

Concen: 50.304 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

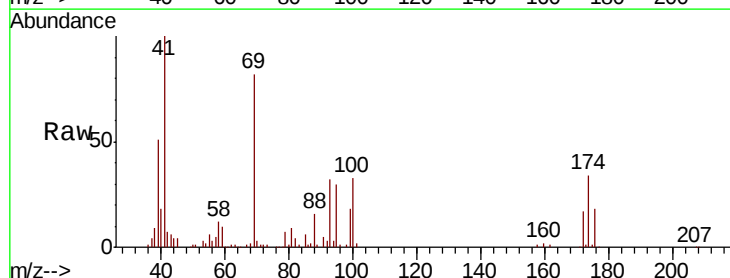
Tgt Ion: 41 Resp: 116642

Ion Ratio Lower Upper

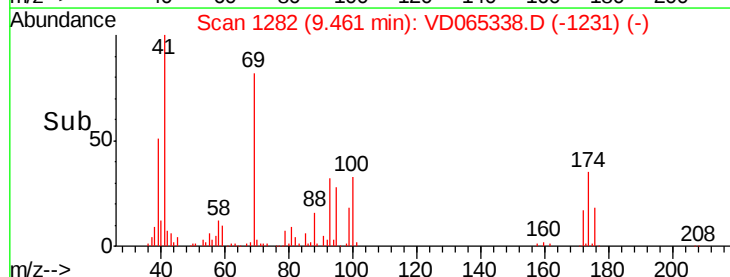
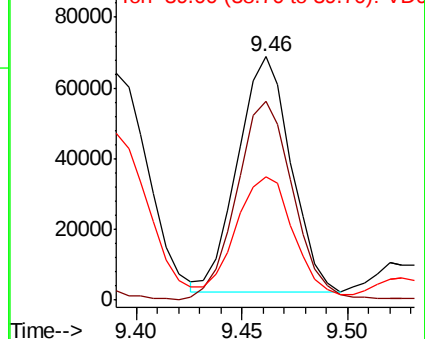
41 100

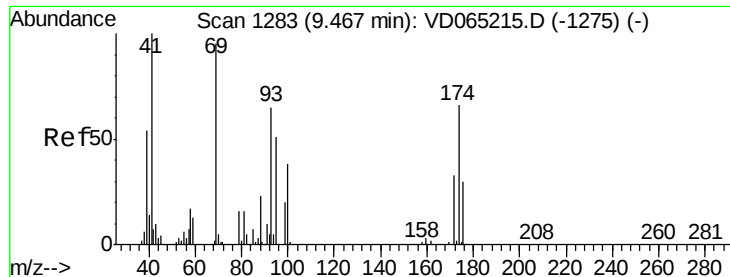
69 88.4 68.2 102.2

39 52.0 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

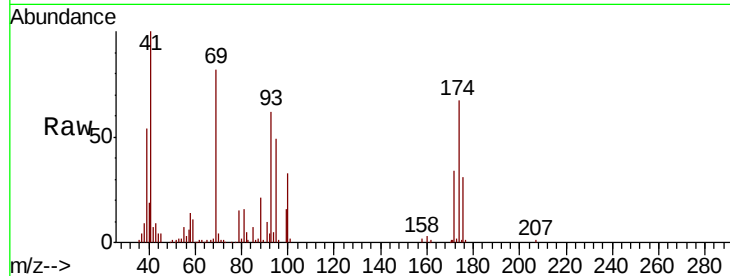




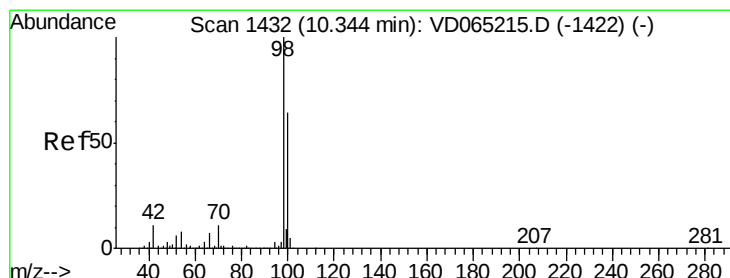
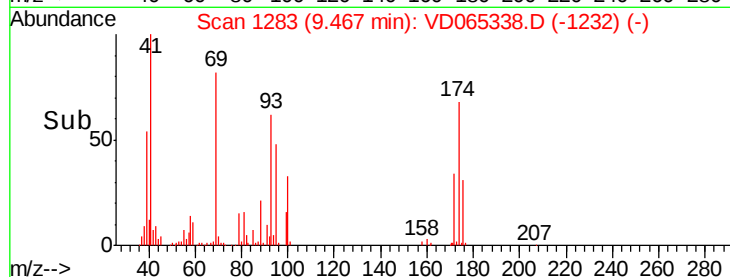
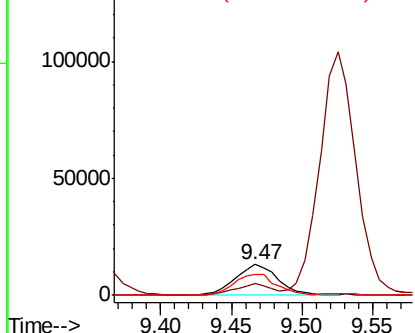
#49
1,4-Dioxane
Concen: 1002.694 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 28024
Ion Ratio Lower Upper
88 100
43 28.6 28.5 42.7
58 66.4 58.6 87.8

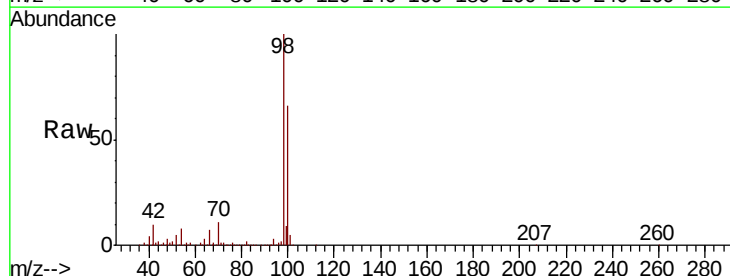


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

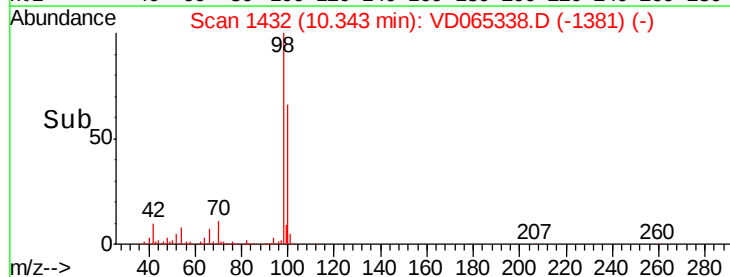
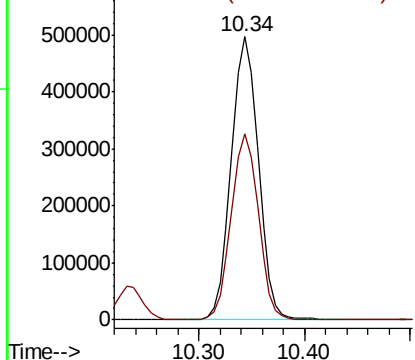


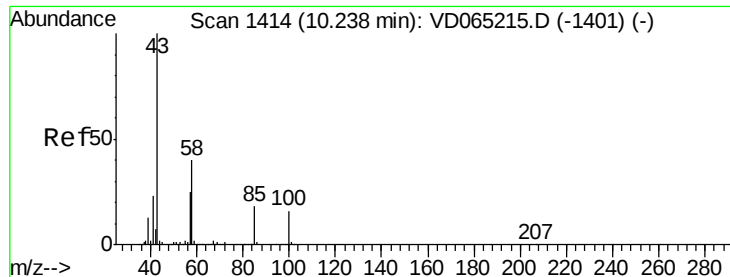
#50
Toluene-d8
Concen: 55.957 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 98 Resp: 884589
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



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

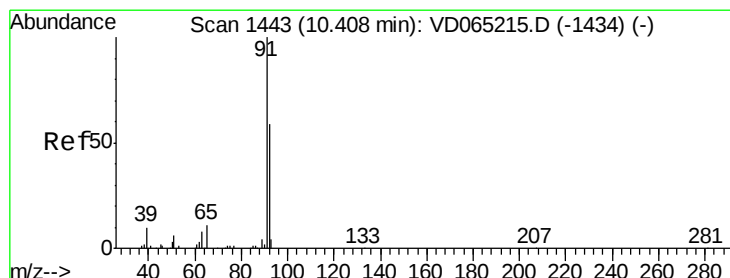
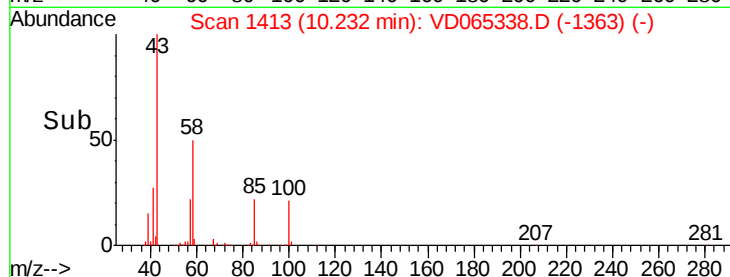
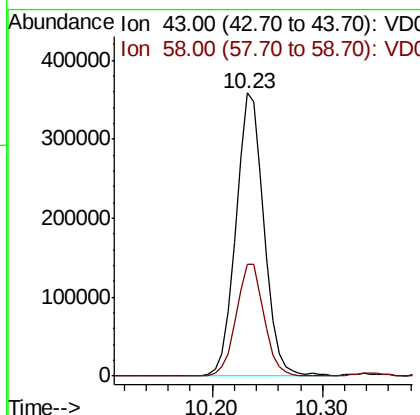
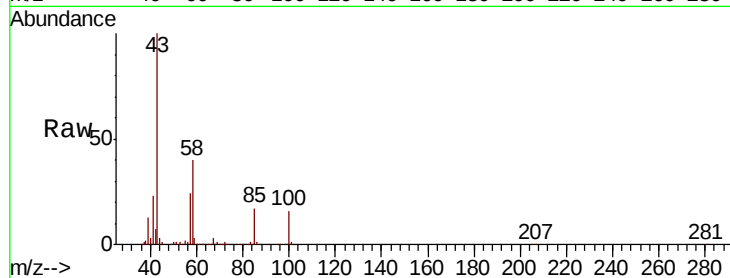




#51
4-Methyl-2-Pentanone
Concen: 250.972 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

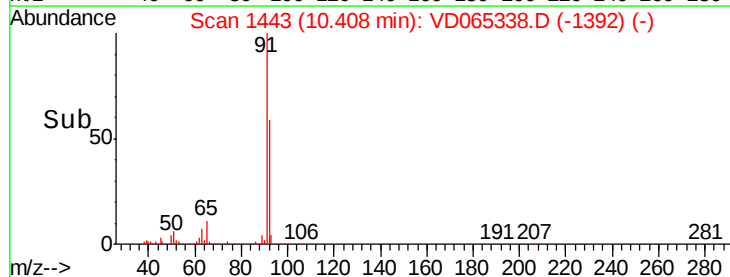
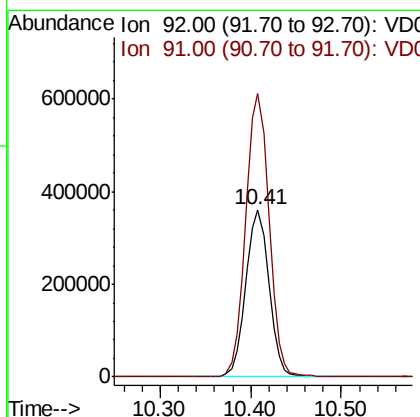
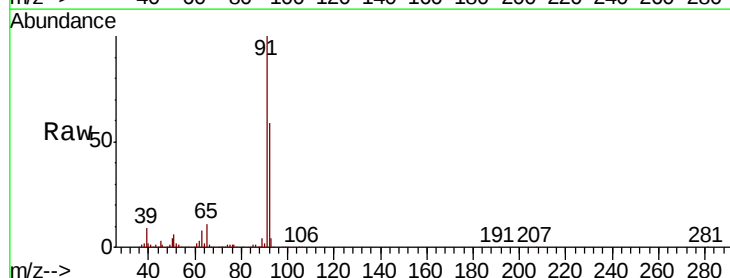
Instrument :
MSVOA_D
ClientSampleId :

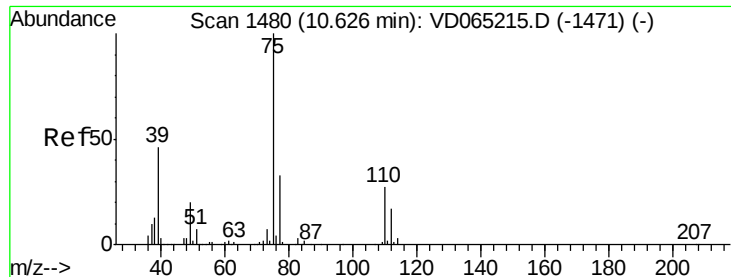
Tot Ion: 43 Resp: 639456
Ion Ratio Lower Upper
43 100
58 39.7 31.1 46.7



#52
Toluene
Concen: 55.712 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 92 Resp: 642302
Ion Ratio Lower Upper
92 100
91 170.3 136.3 204.5

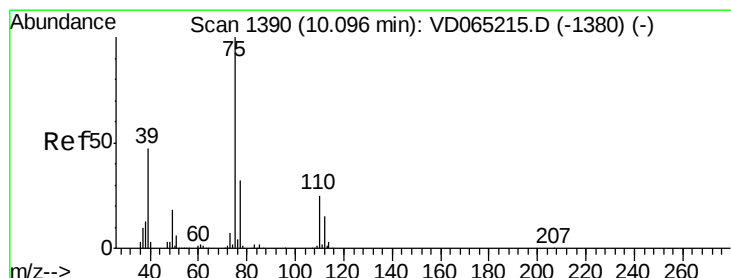
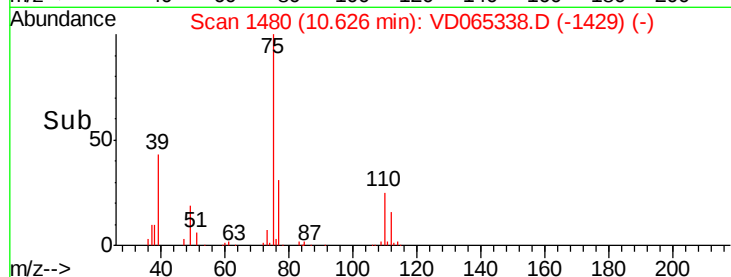
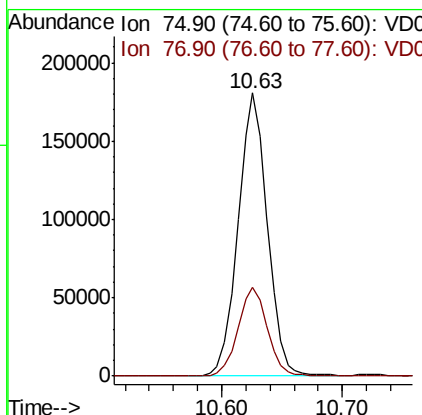
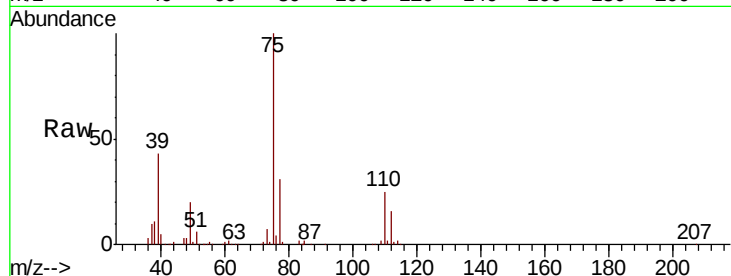




#53
 t-1,3-Dichloropropene
 Concen: 52.384 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

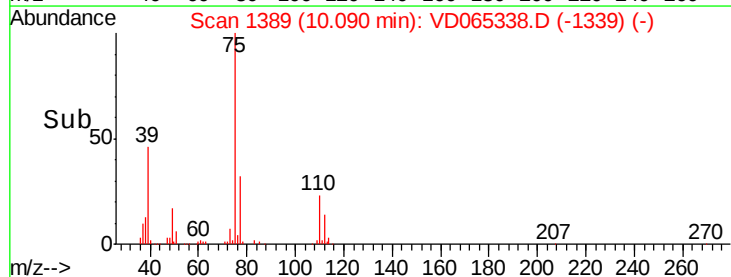
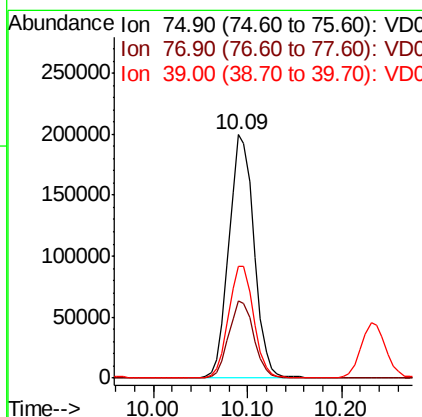
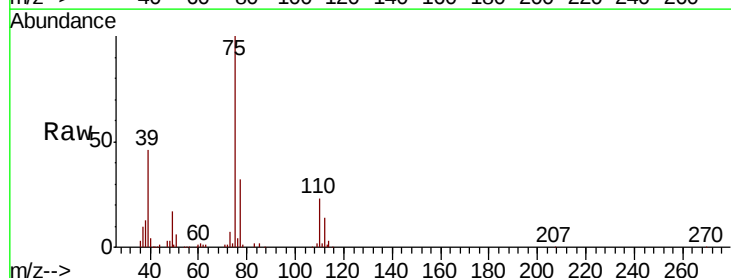
Instrument :
 MSVOA_D
 ClientSampleId :

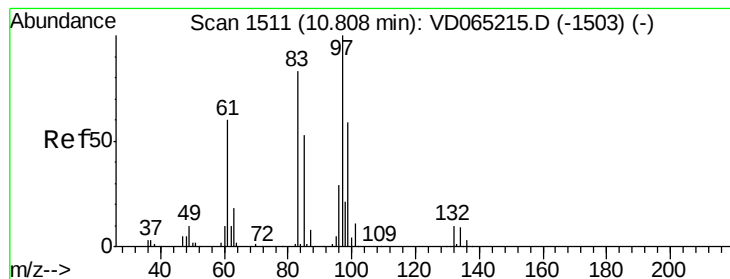
Tot Ion: 75 Resp: 304927
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.6 40.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.951 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion: 75 Resp: 372200
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 45.7 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 51.082 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 171332

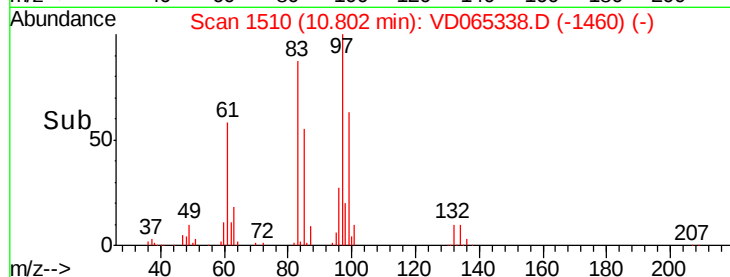
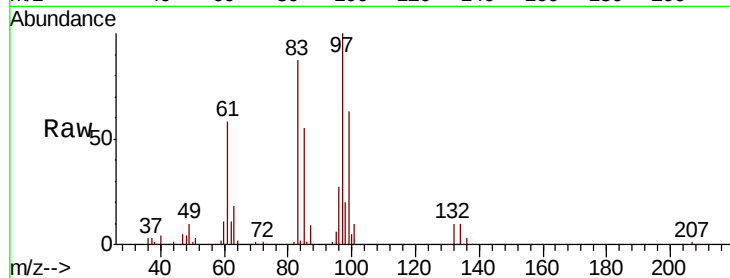
Ion Ratio Lower Upper

97 100

83 86.7 66.7 100.1

85 54.7 42.4 63.6

99 63.4 47.5 71.3

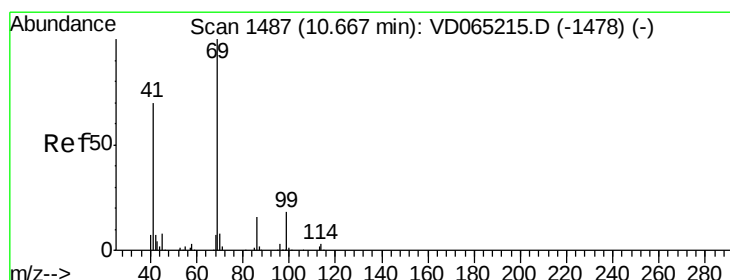
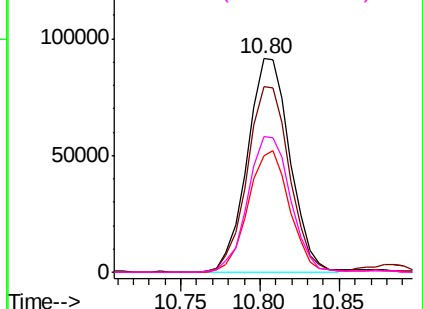


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 52.564 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

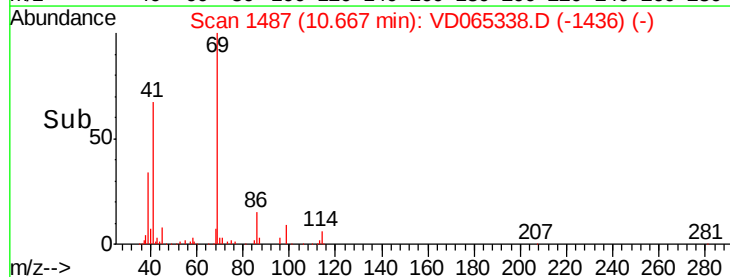
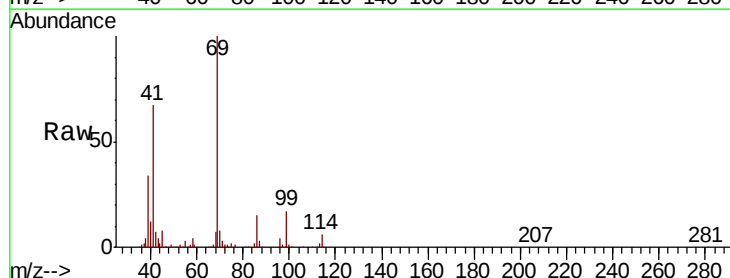
Tgt Ion: 69 Resp: 203492

Ion Ratio Lower Upper

69 100

41 66.3 54.6 81.8

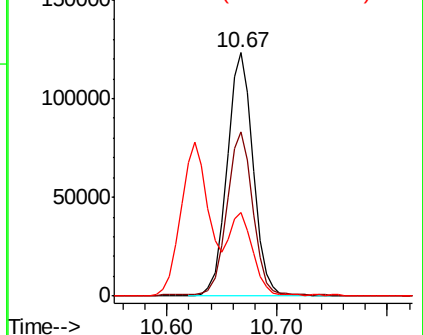
39 31.4 26.5 39.7

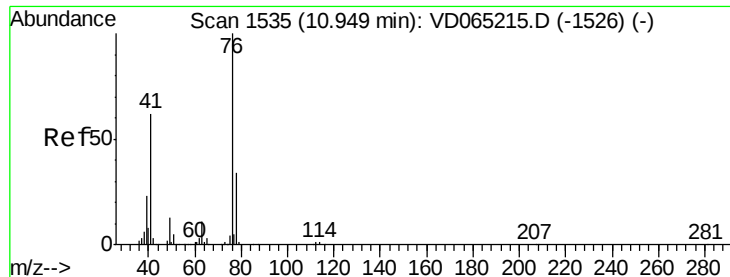


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.678 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

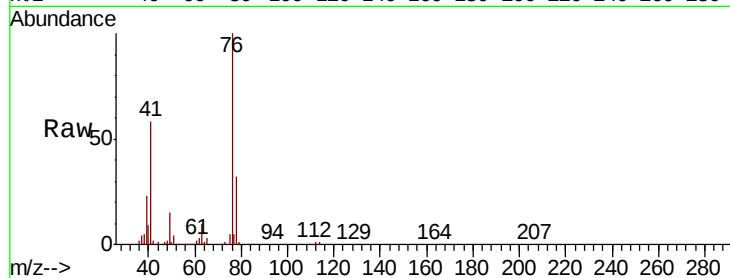
ClientSampleId :

Tot Ion: 76 Resp: 295005

Ion Ratio Lower Upper

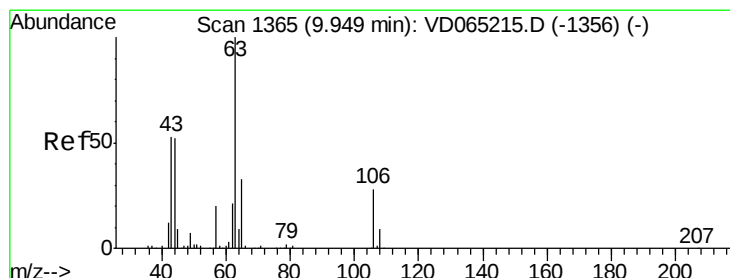
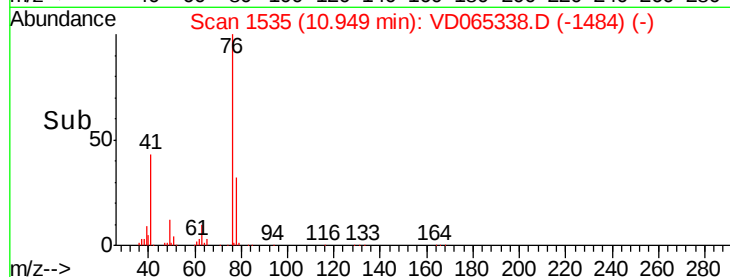
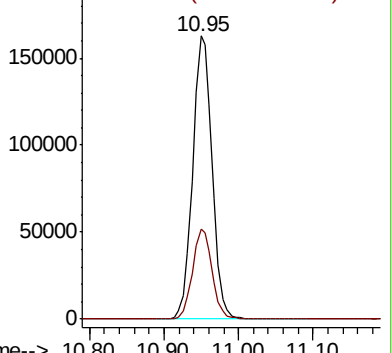
76 100

78 32.2 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 226.168 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD065338.D

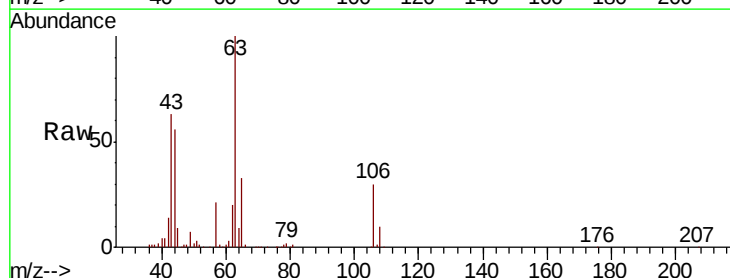
Acq: 27 Feb 2020 10:10

Tgt Ion: 63 Resp: 276041

Ion Ratio Lower Upper

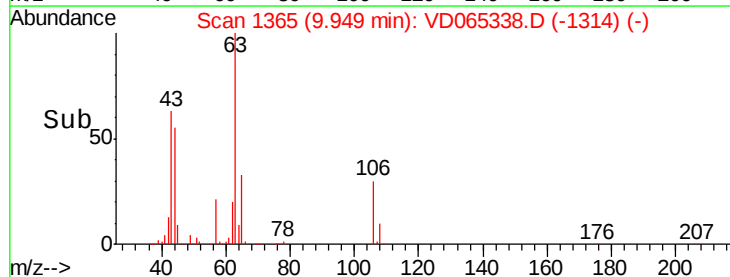
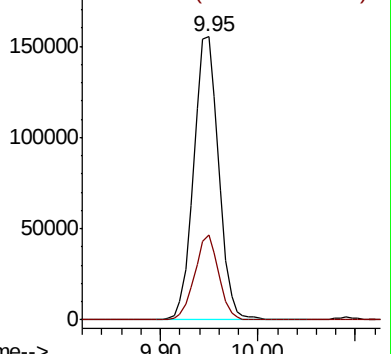
63 100

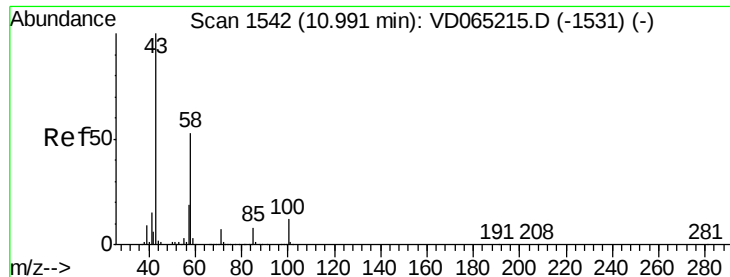
106 28.9 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

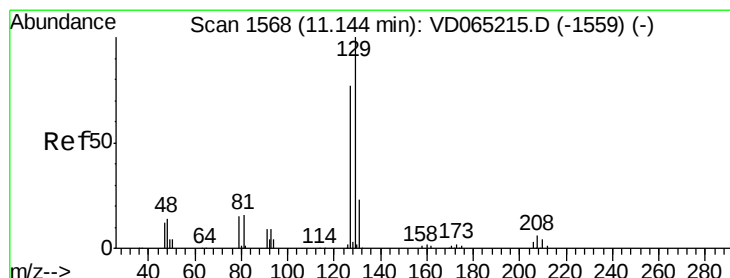
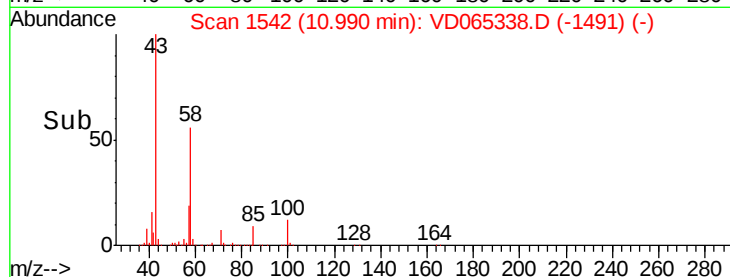
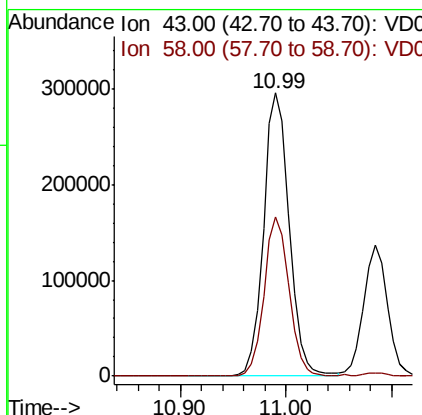
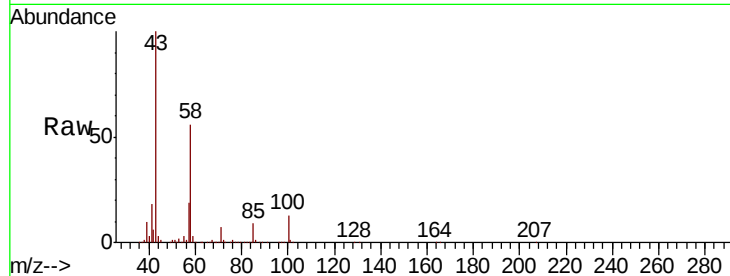




#59
2-Hexanone
Concen: 272.245 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

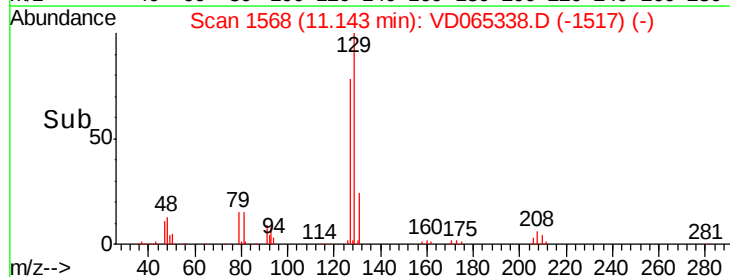
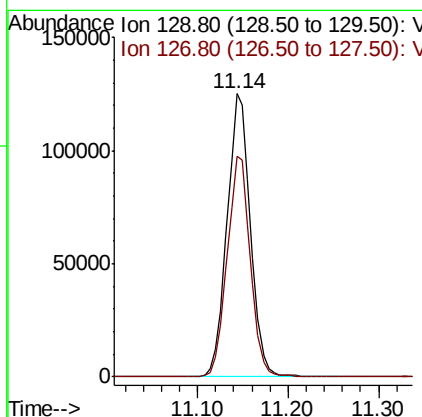
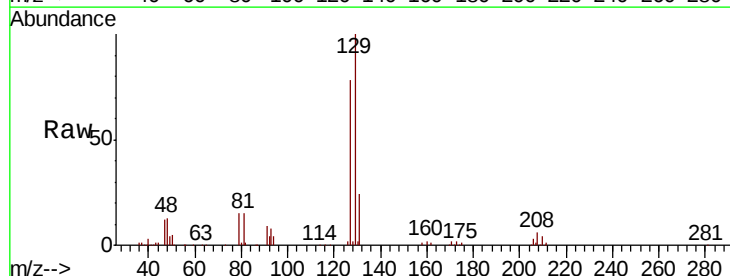
Instrument :
MSVOA_D
ClientSampled :

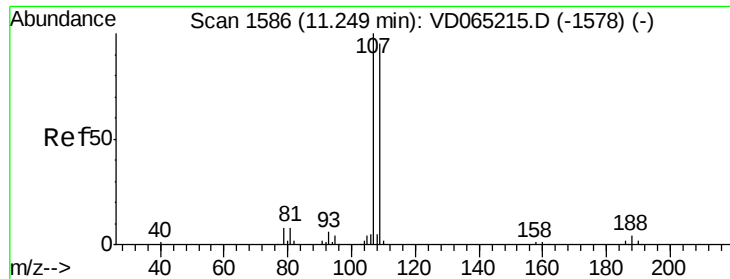
Tot Ion: 43 Resp: 496549
Ion Ratio Lower Upper
43 100
58 54.8 26.3 78.8



#60
Dibromochloromethane
Concen: 52.227 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 129 Resp: 224206
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

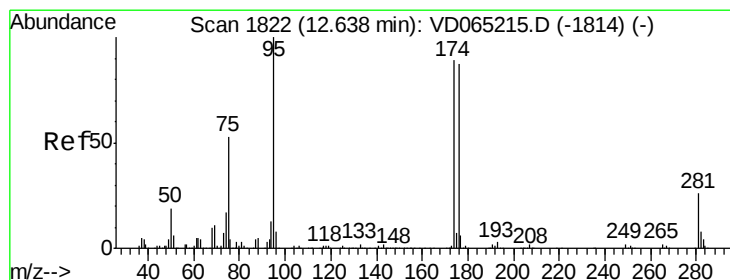
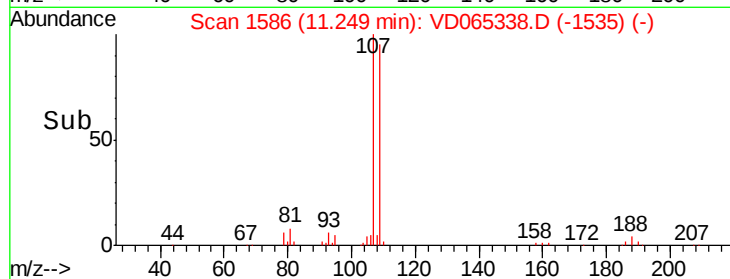
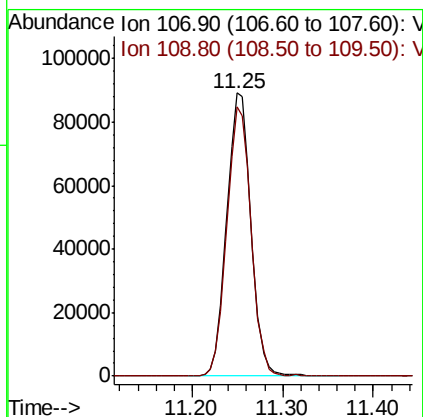
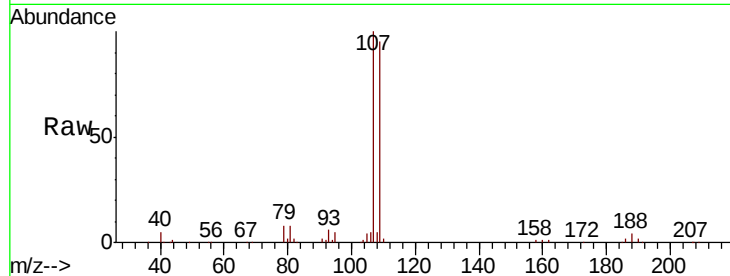




#61
 1,2-Dibromoethane
 Concen: 52.112 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

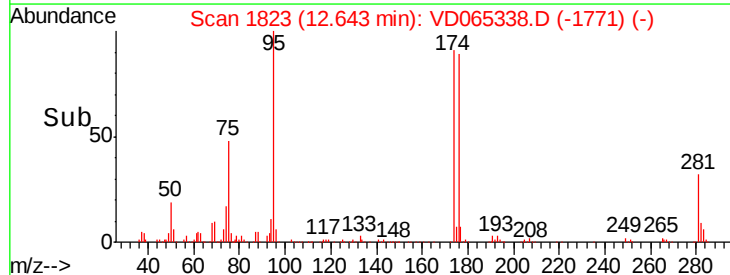
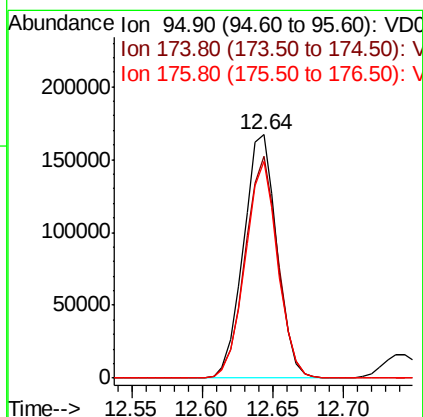
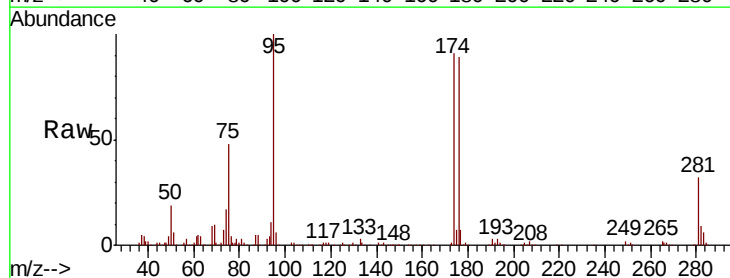
Instrument :
 MSVOA_D
 ClientSampleId :

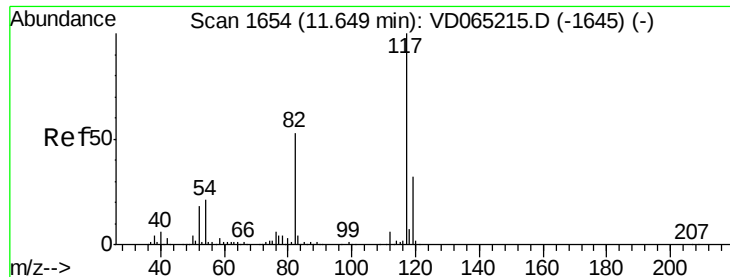
Tot Ion:107 Resp: 165489
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 55.380 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion: 95 Resp: 277344
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 178.0
 176 86.6 0.0 174.4

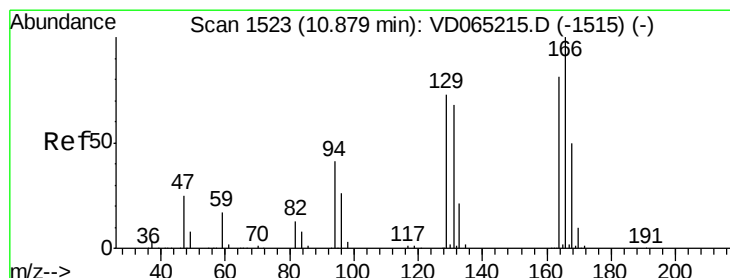
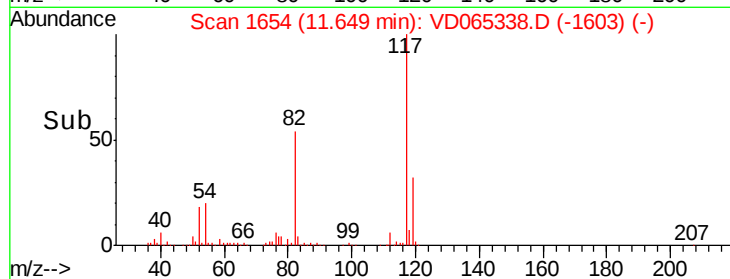
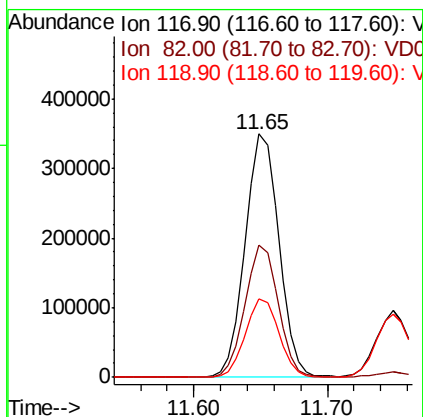
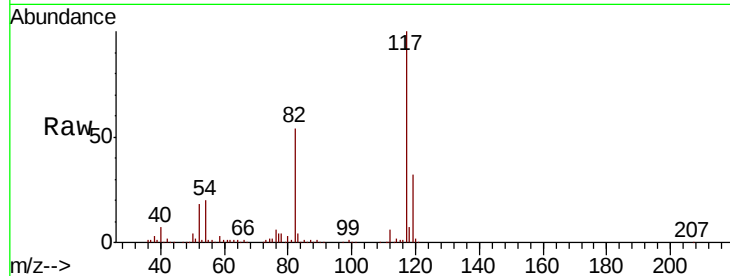




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

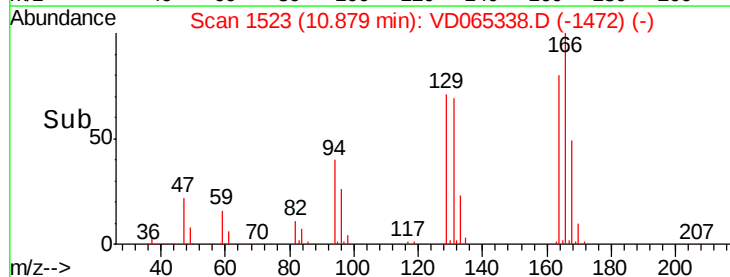
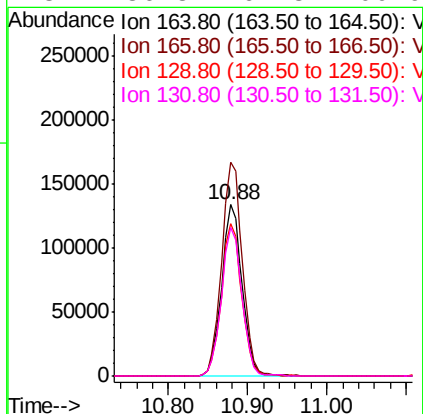
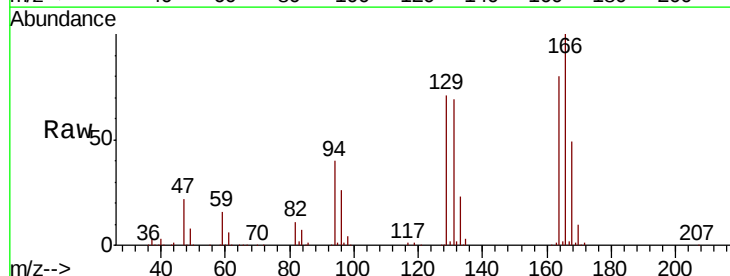
Instrument :
MSVOA_D
ClientSampled :

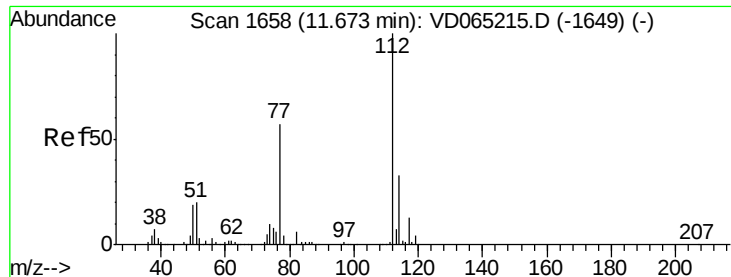
Tot Ion:117 Resp: 612881
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 54.820 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion:164 Resp: 238291
Ion Ratio Lower Upper
164 100
166 124.9 98.4 147.6
129 89.1 71.6 107.4
131 86.8 67.3 100.9

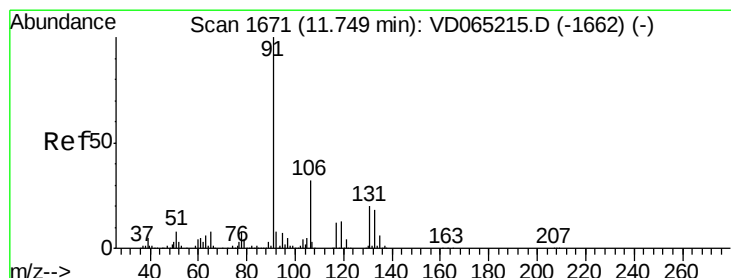
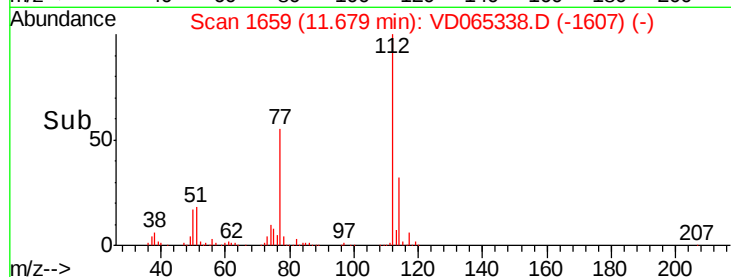
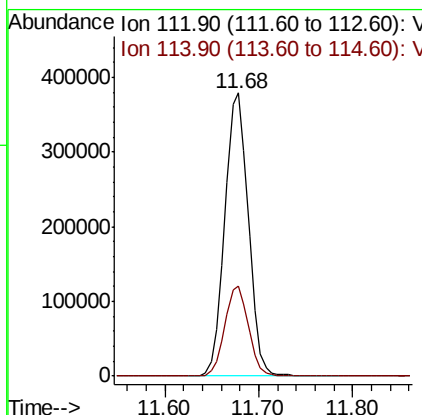
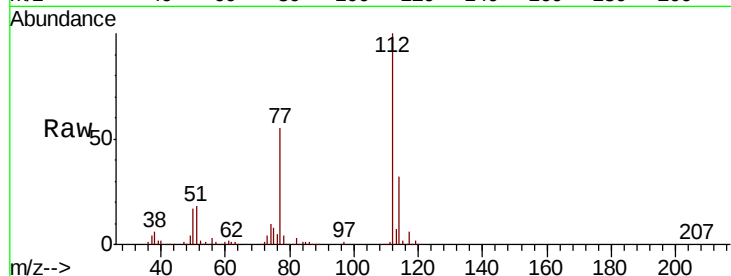




#65
Chlorobenzene
Concen: 53.723 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

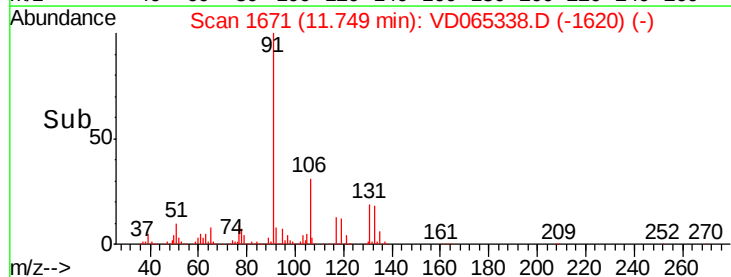
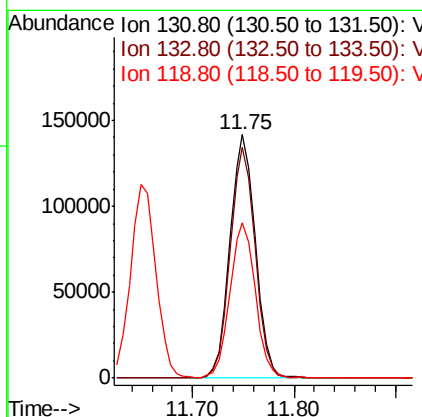
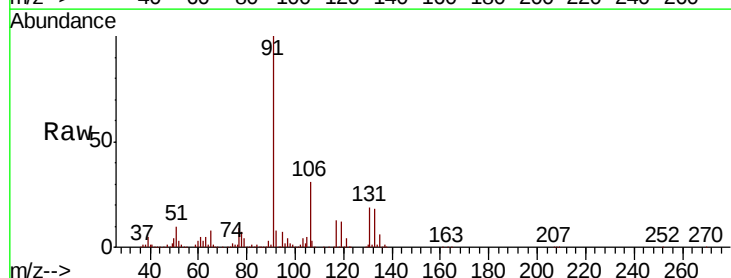
Instrument :
MSVOA_D
ClientSampleId :

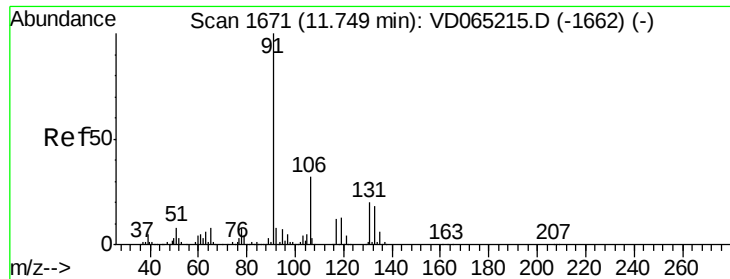
Tot Ion:112 Resp: 660737
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.472 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion:131 Resp: 245417
Ion Ratio Lower Upper
131 100
133 93.9 47.7 143.1
119 64.3 32.7 98.1

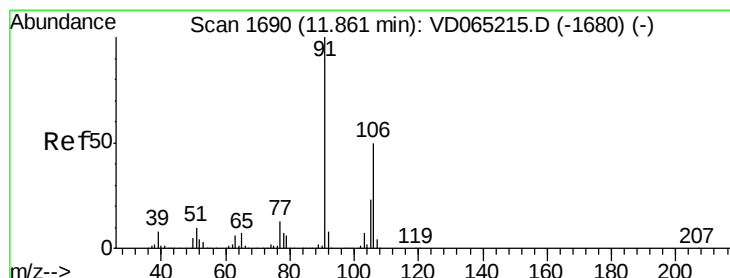
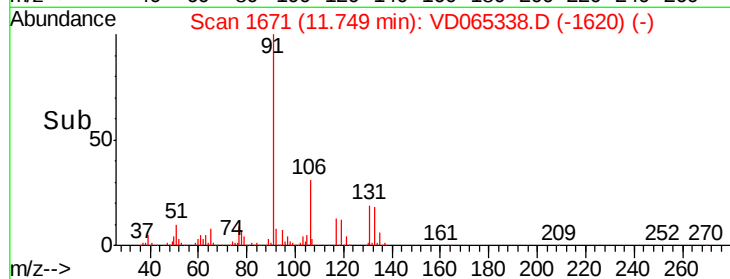
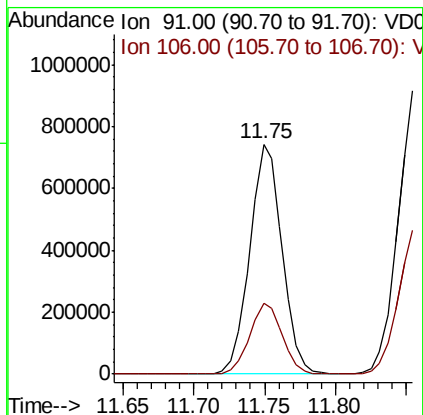
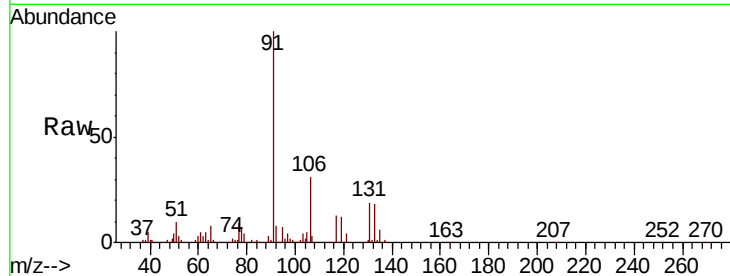




#67
Ethyl Benzene
Concen: 55.501 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

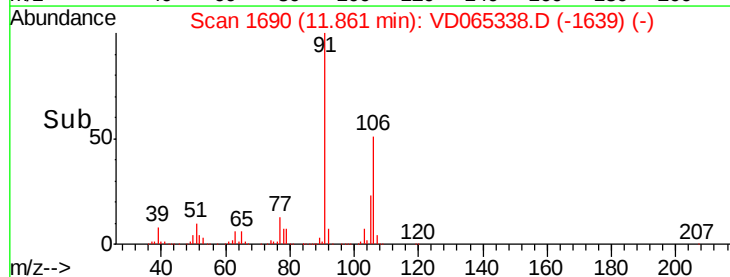
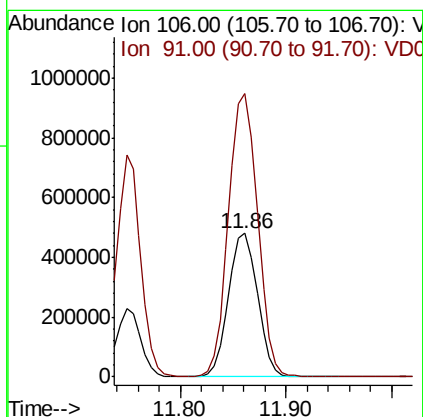
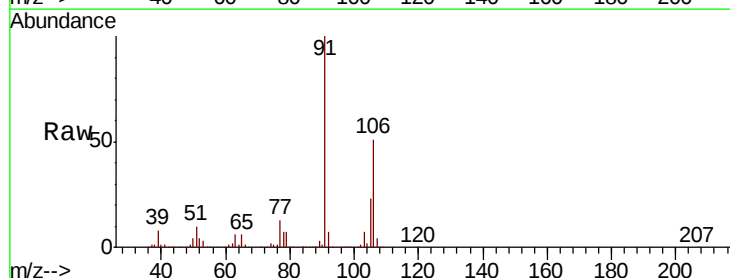
Instrument :
MSVOA_D
ClientSampleId :

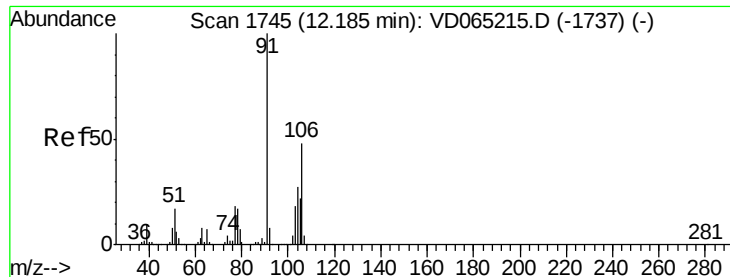
Tot Ion: 91 Resp: 1195504
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 111.600 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 106 Resp: 919715
Ion Ratio Lower Upper
106 100
91 197.4 158.2 237.4

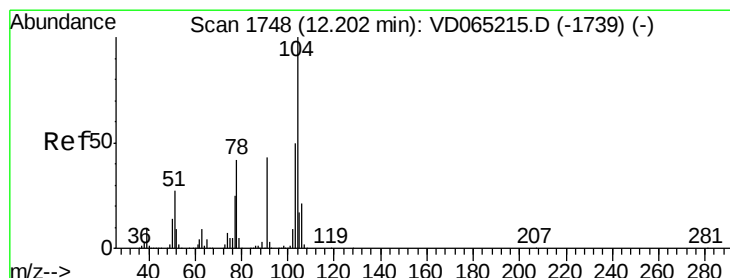
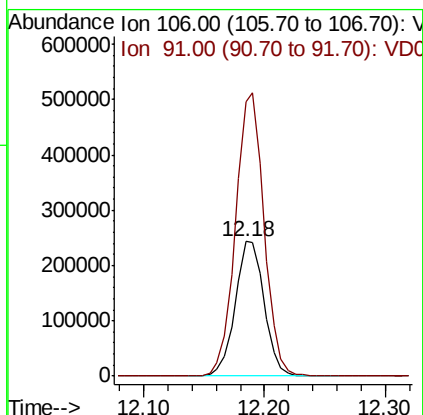
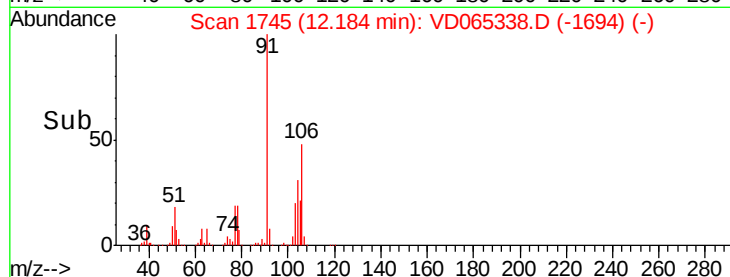
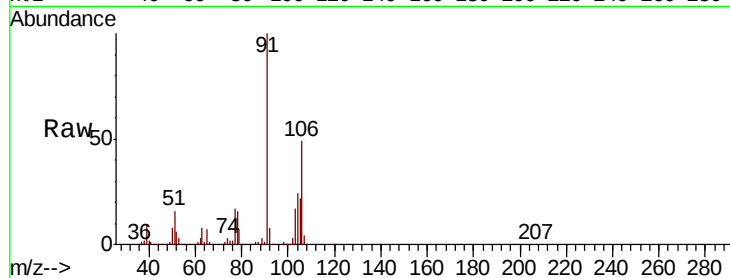




#69
o-Xylene
Concen: 55.792 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

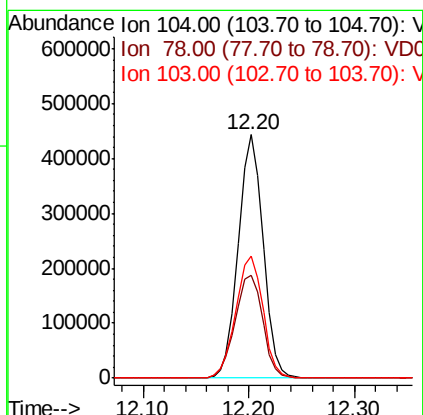
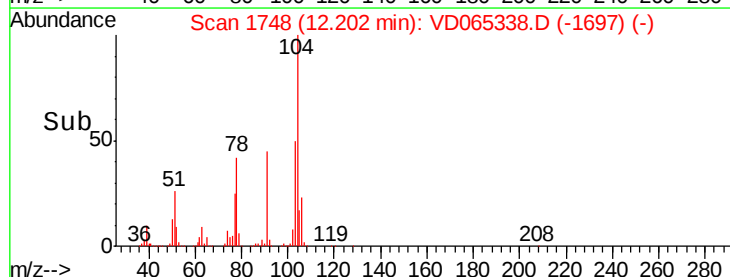
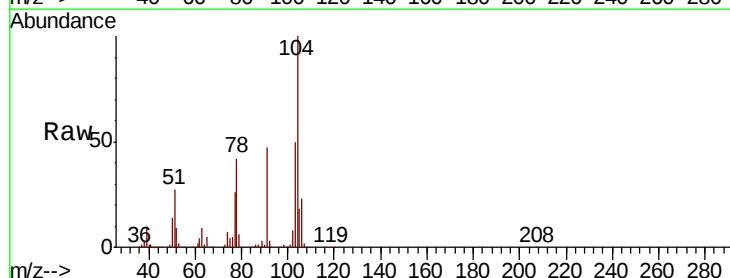
Instrument :
MSVOA_D
ClientSampled :

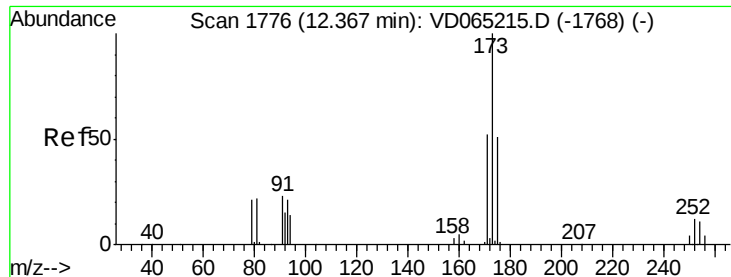
Tot Ion:106 Resp: 407350
Ion Ratio Lower Upper
106 100
91 207.1 104.7 313.9



#70
Styrene
Concen: 55.626 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion:104 Resp: 721090
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 54.7 43.4 65.2





#71

Bromoform

Concen: 51.961 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

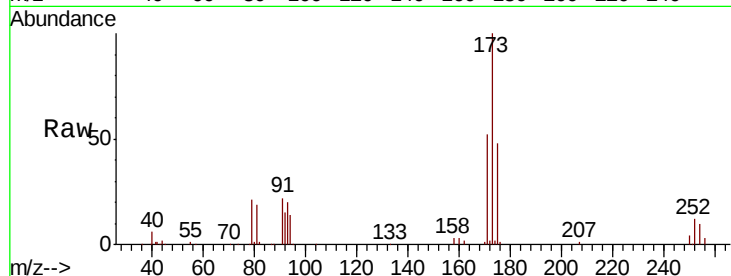
Tot Ion:173 Resp: 132335

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.4

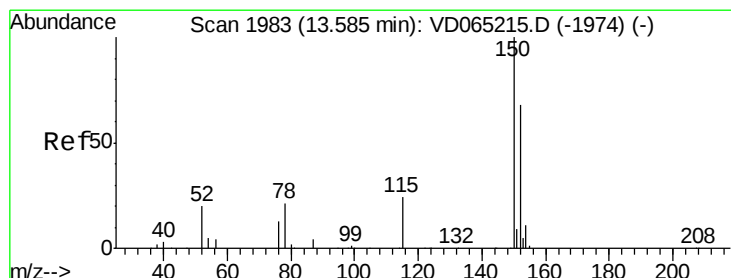
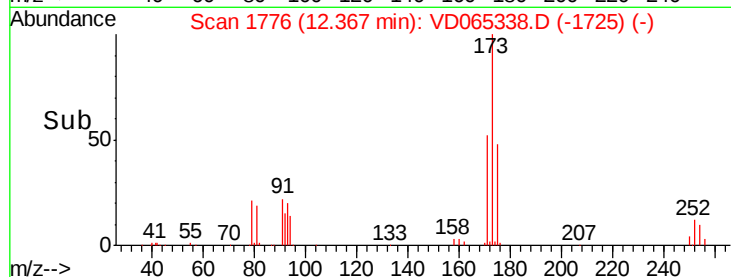
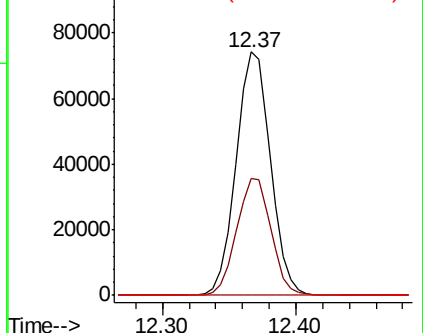
254 0.1 0.0 0.0#



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: VD065338.D

Acq: 27 Feb 2020 10:10

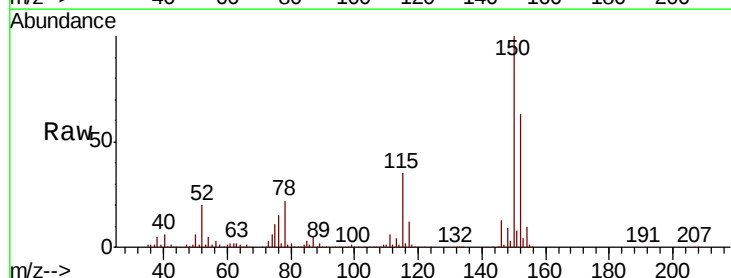
Tgt Ion:152 Resp: 303153

Ion Ratio Lower Upper

152 100

115 55.8 27.6 82.8

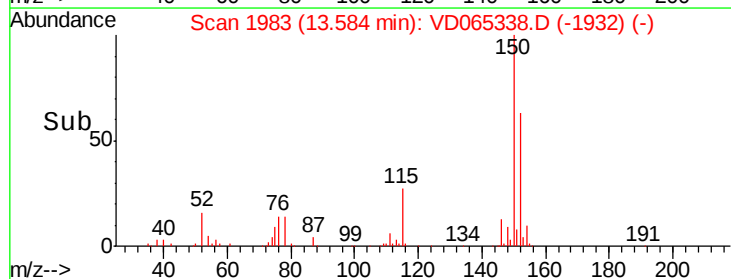
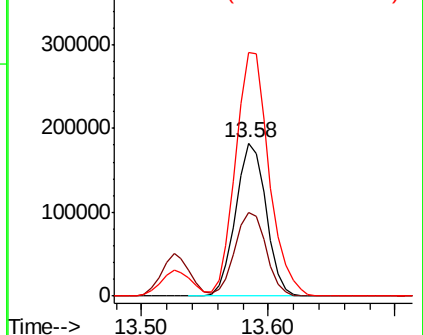
150 175.3 0.0 347.4

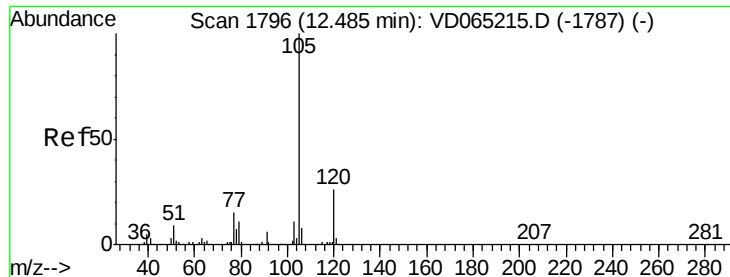


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.744 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

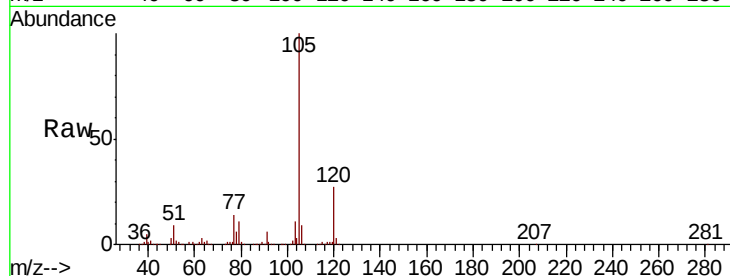
ClientSampleId :

Tot Ion:105 Resp: 1138869

Ion Ratio Lower Upper

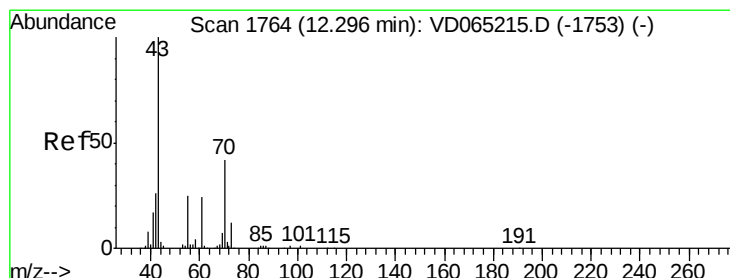
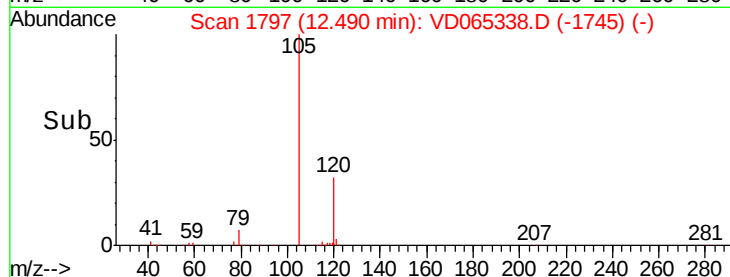
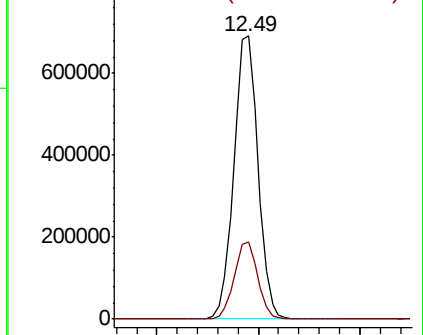
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.046 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Tgt Ion: 43 Resp: 223189

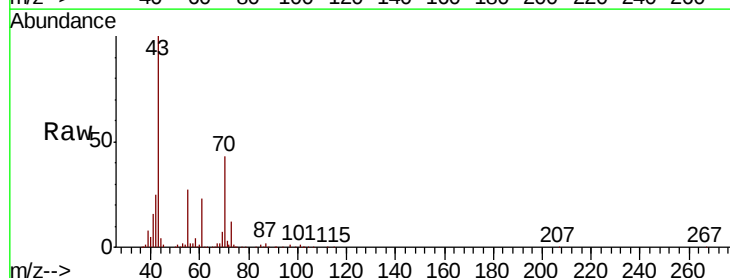
Ion Ratio Lower Upper

43 100

70 43.8 33.7 50.5

55 28.2 20.7 31.1

61 24.4 19.0 28.4

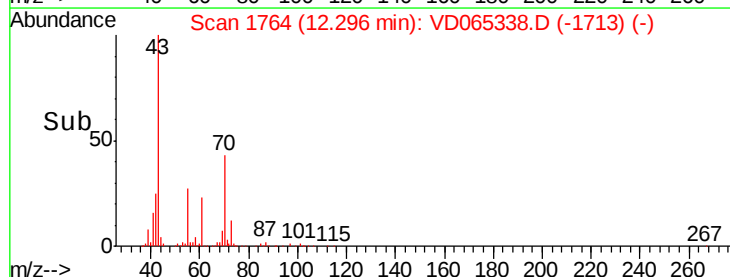
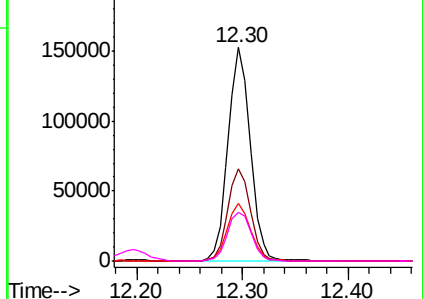


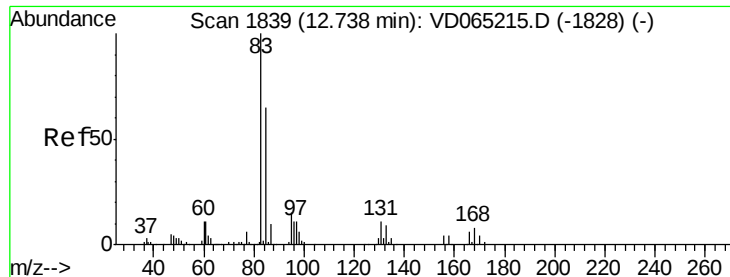
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 49.960 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

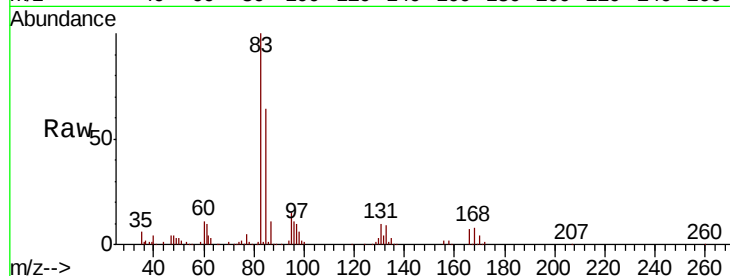
Tot Ion: 83 Resp: 180967

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

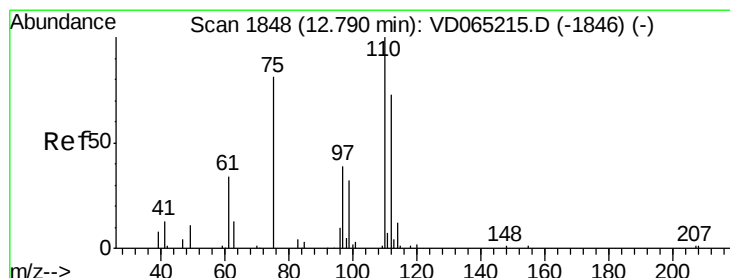
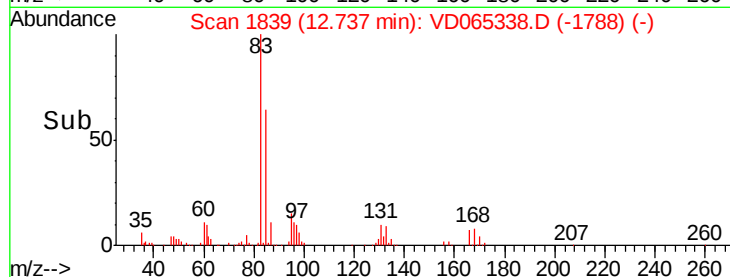
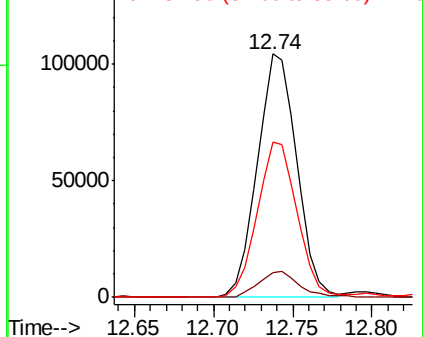
85 64.2 31.6 94.8



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: 92.504 ug/l

RT: 12.80 min Scan# 1849

Delta R.T. 0.01 min

Lab File: VD065338.D

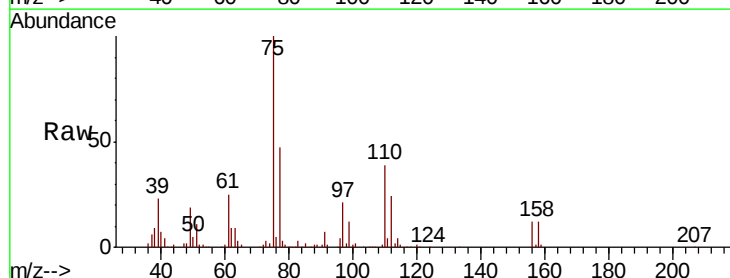
Acq: 27 Feb 2020 10:10

Tgt Ion: 75 Resp: 238598

Ion Ratio Lower Upper

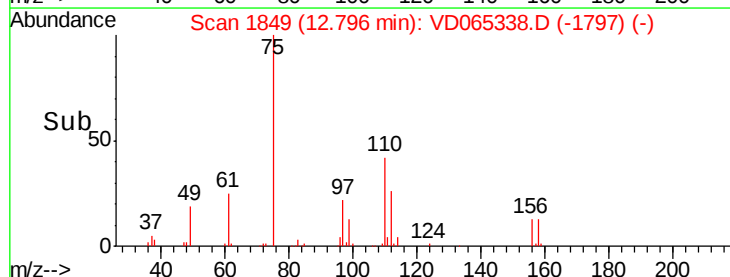
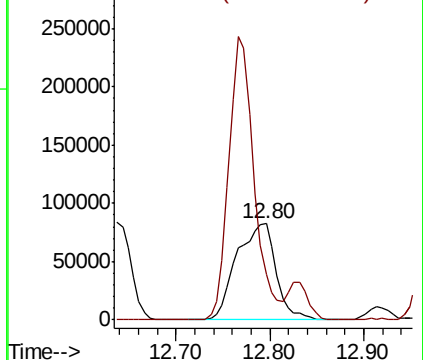
75 100

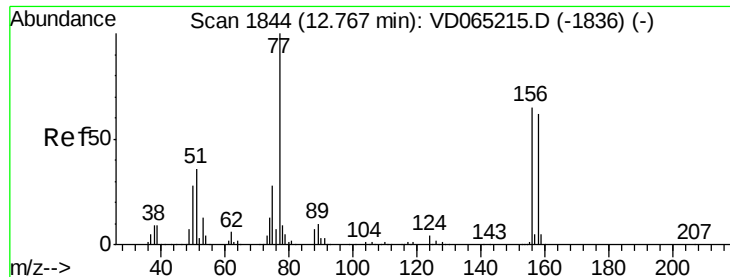
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.481 ug/l

RT: 12.77 min Scan# 1845

Delta R.T. 0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

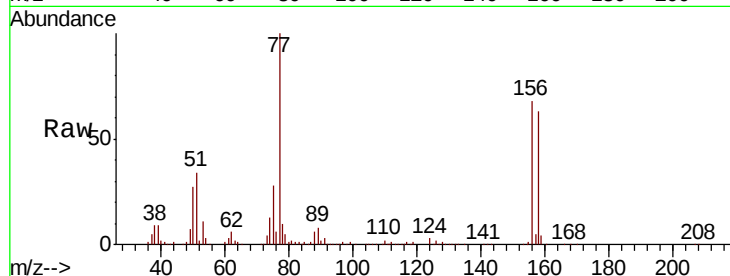
Tot Ion:156 Resp: 266536

Ion Ratio Lower Upper

156 100

77 171.5 86.6 259.7

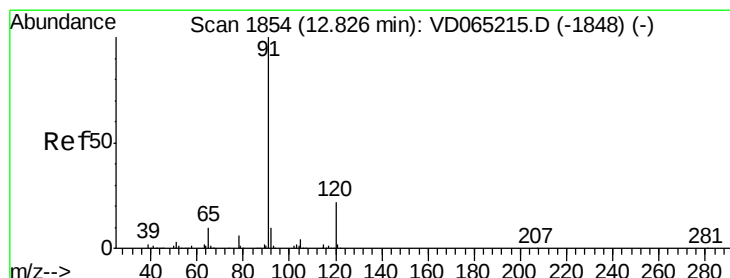
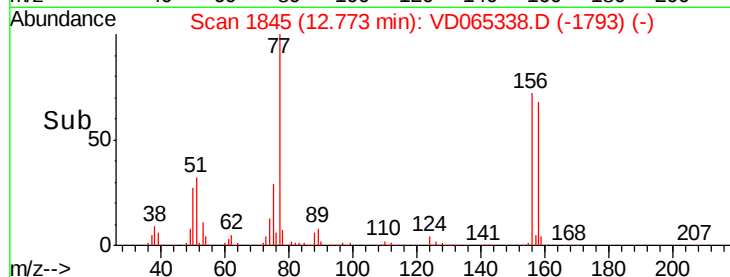
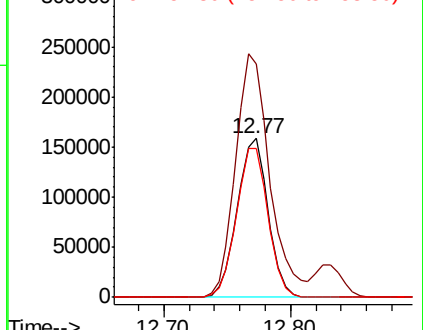
158 96.4 48.1 144.3



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: 56.517 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VD065338.D

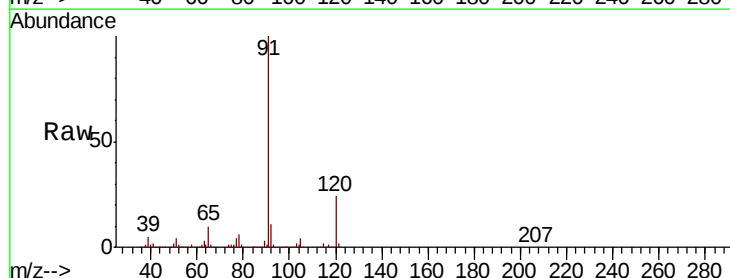
Acq: 27 Feb 2020 10:10

Tgt Ion: 91 Resp: 1363121

Ion Ratio Lower Upper

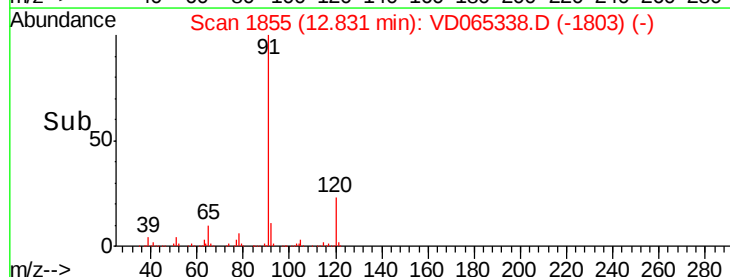
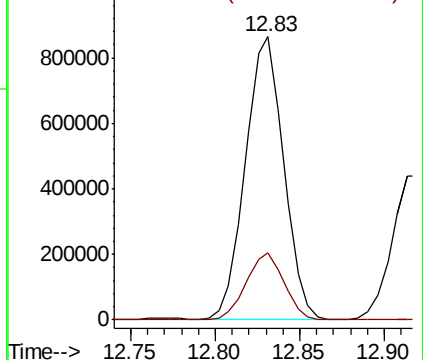
91 100

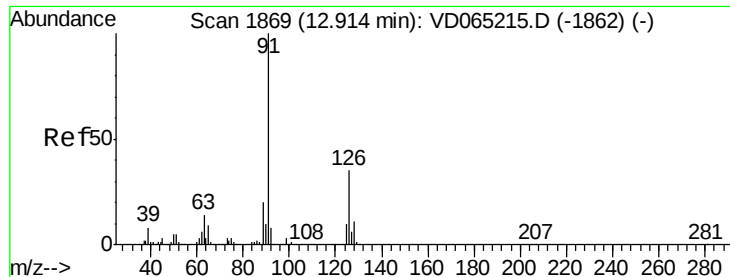
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

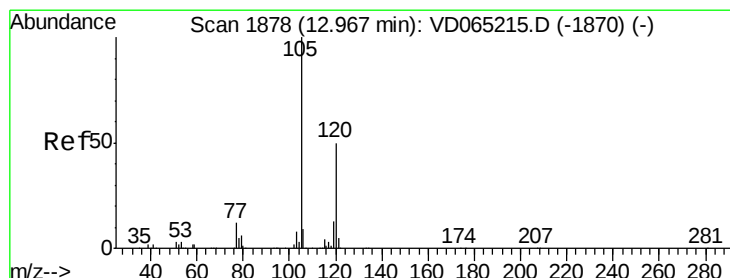
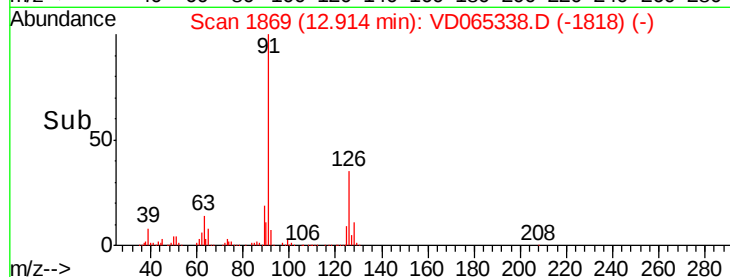
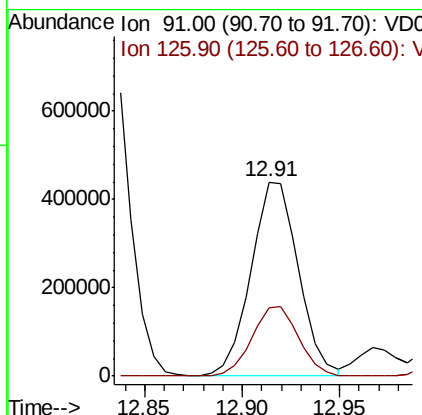
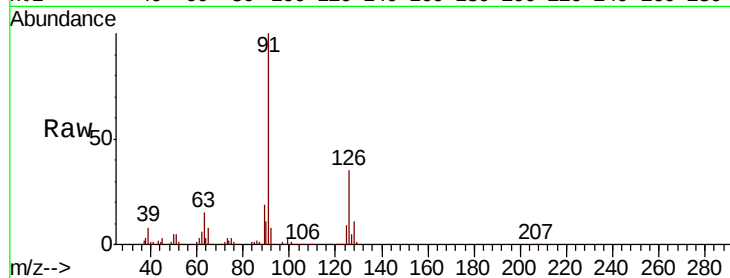




#79
 2-Chlorotoluene
 Concen: 54.625 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

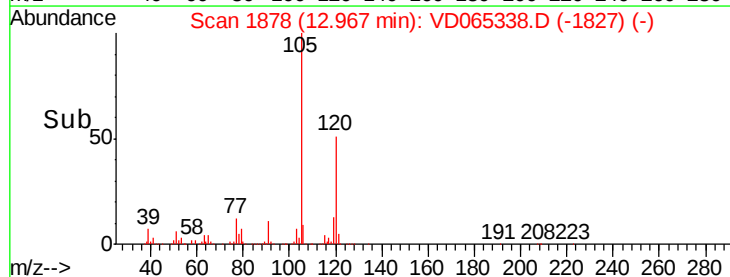
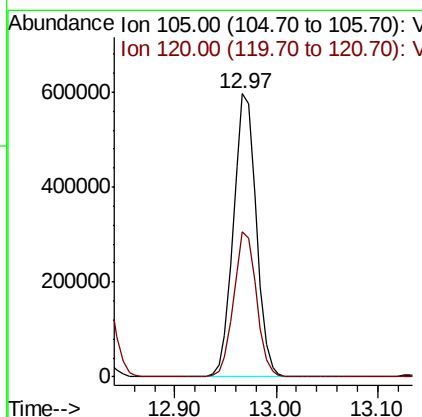
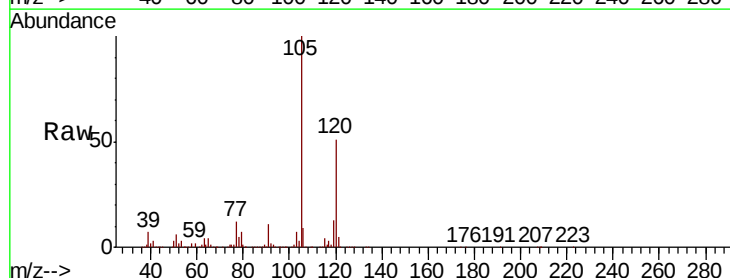
Instrument :
 MSVOA_D
 ClientSampleId :

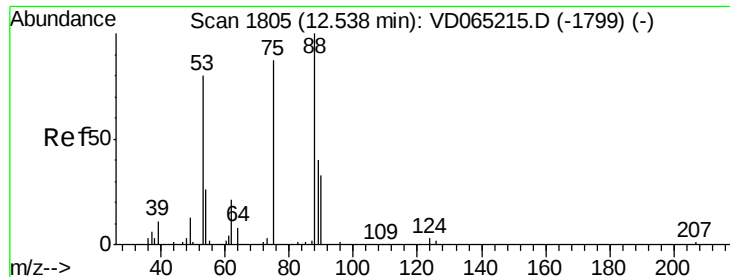
Tot Ion: 91 Resp: 738064
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 56.469 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion: 105 Resp: 933449
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.4

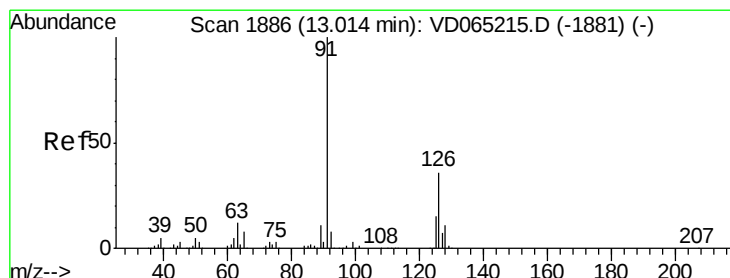
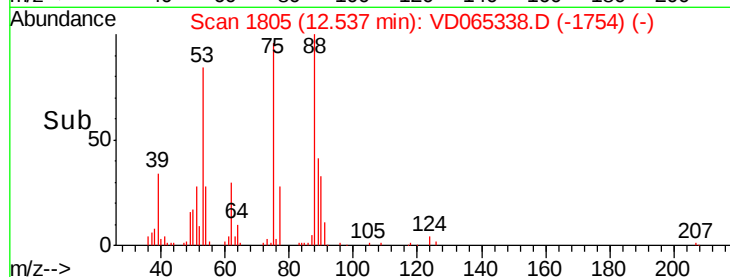
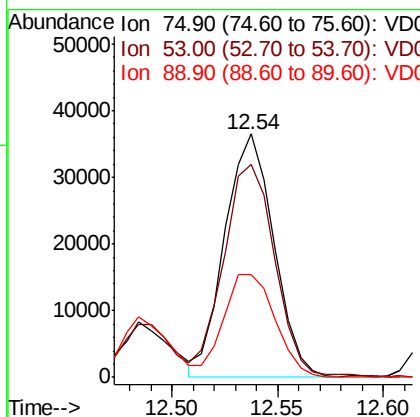
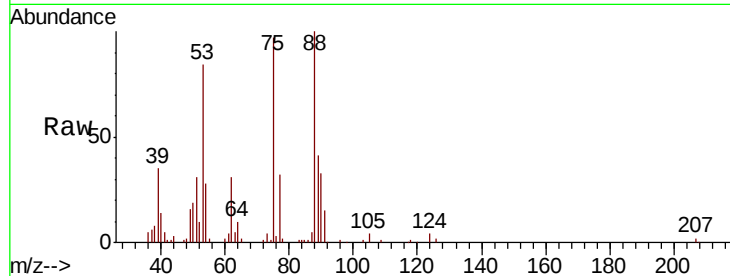




#81
trans-1,4-Dichloro-2-butene
Concen: 49.229 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

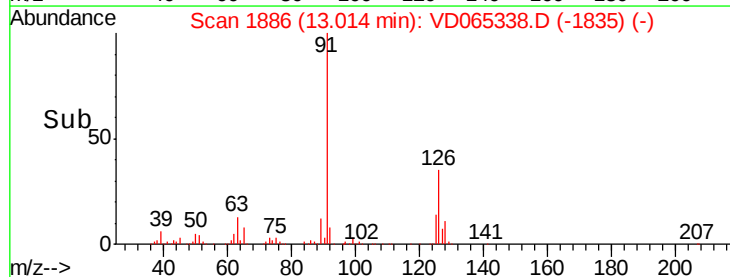
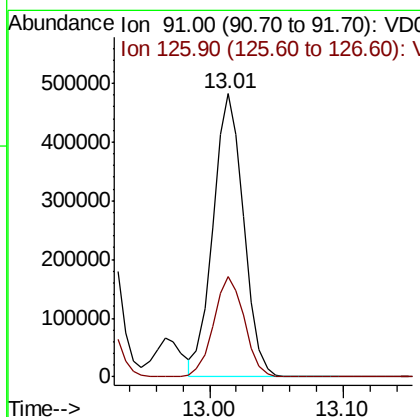
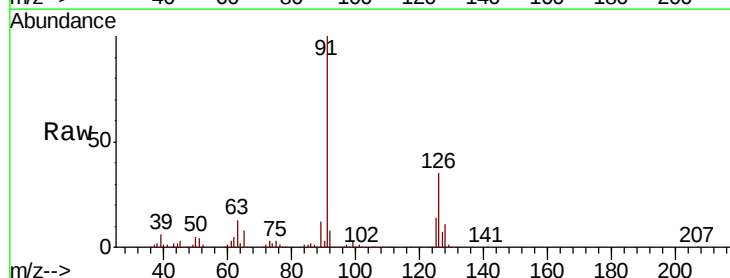
Instrument :
MSVOA_D
ClientSampleId :

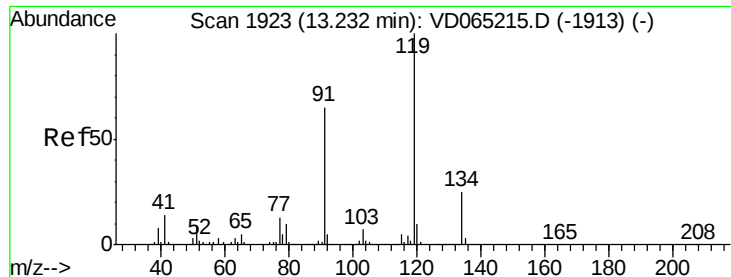
Tot Ion: 75 Resp: 58808
Ion Ratio Lower Upper
75 100
53 91.8 77.6 116.4
89 45.0 37.2 55.8



#82
4-Chlorotoluene
Concen: 53.873 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion: 91 Resp: 772773
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3

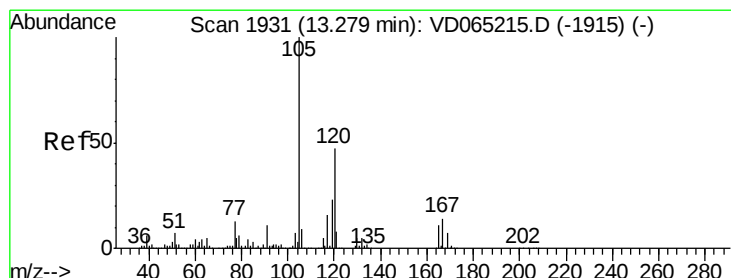
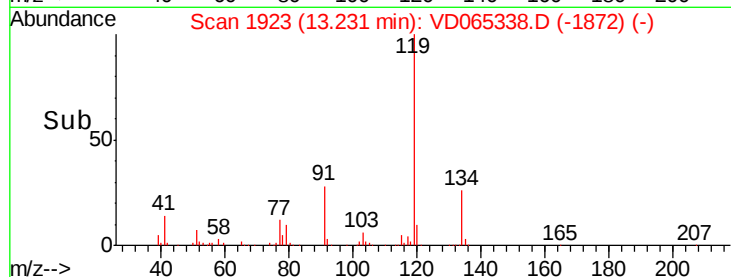
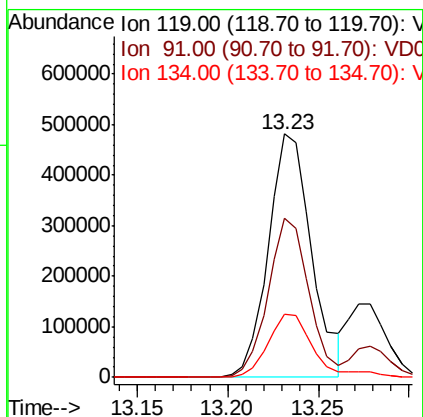
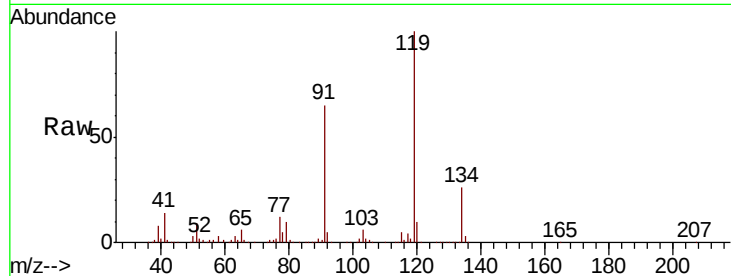




#83
 tert-Butylbenzene
 Concen: 57.906 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

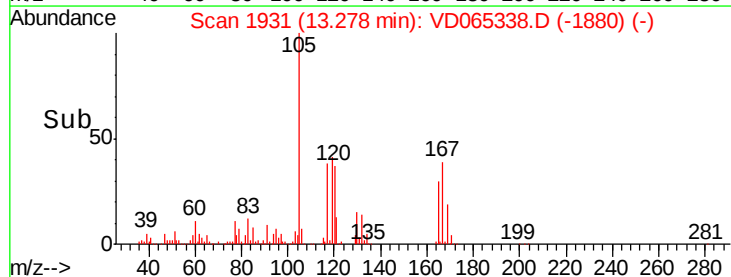
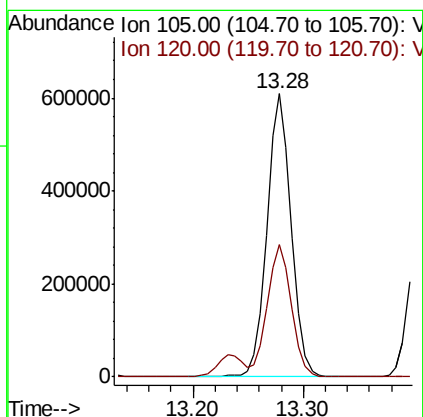
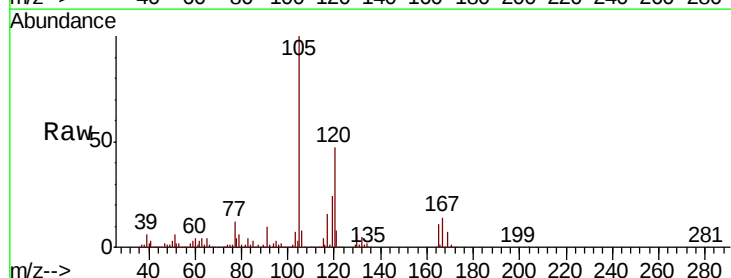
Instrument :
 MSVOA_D
 ClientSampleId :

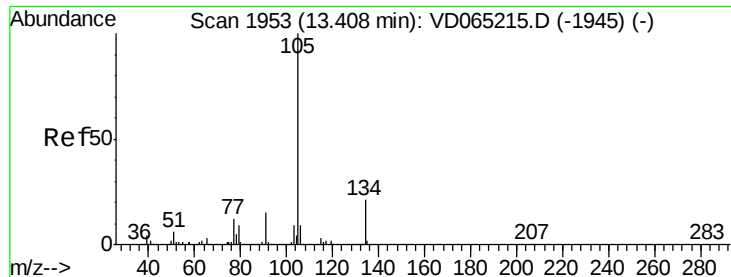
Tot Ion:119 Resp: 802260
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.9 95.5
 134 27.6 13.8 41.3



#84
 1,2,4-Trimethylbenzene
 Concen: 56.262 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion:105 Resp: 930894
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.3 69.9





#85

sec-Butylbenzene

Concen: 55.976 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

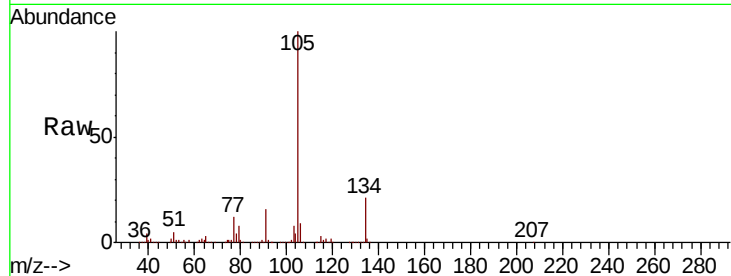
ClientSampleId :

Tot Ion:105 Resp: 1117478

Ion Ratio Lower Upper

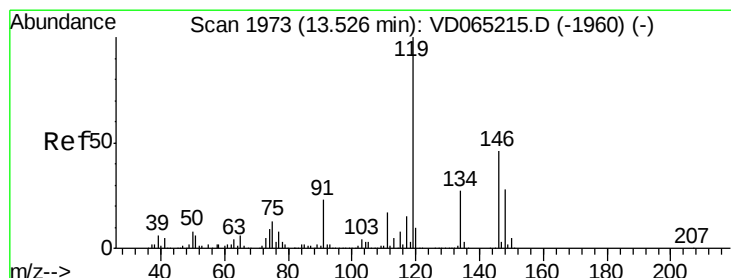
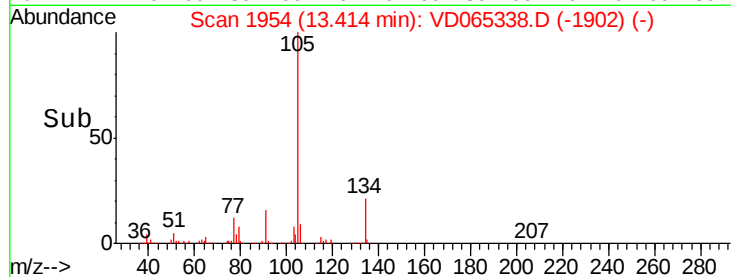
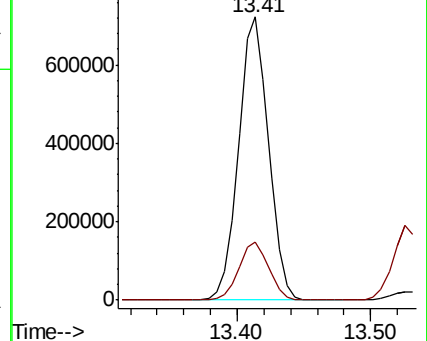
105 100

134 20.5 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: 57.020 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

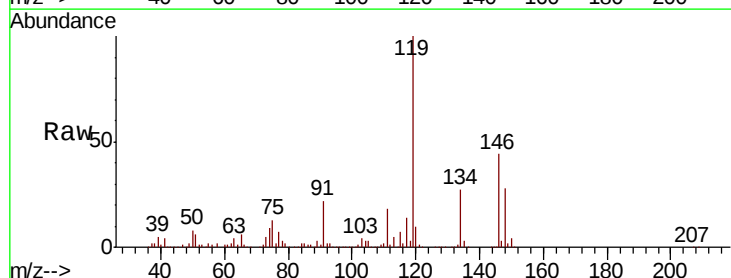
Tgt Ion:119 Resp: 1040998

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

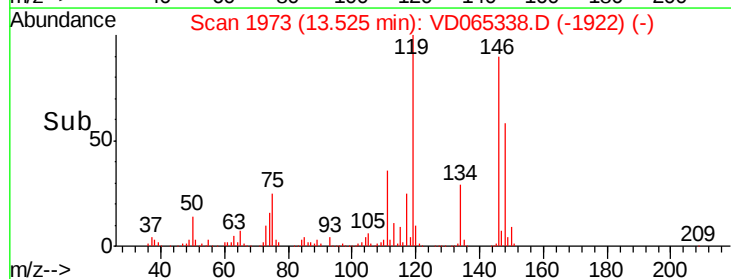
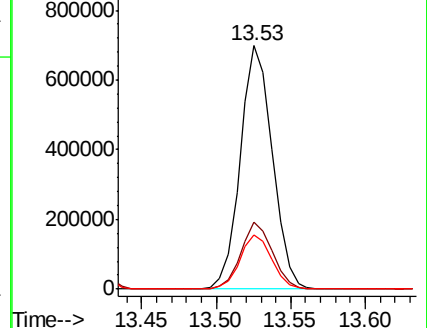
91 21.8 11.1 33.1

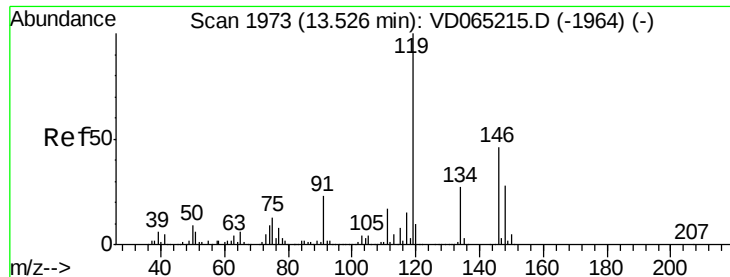


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

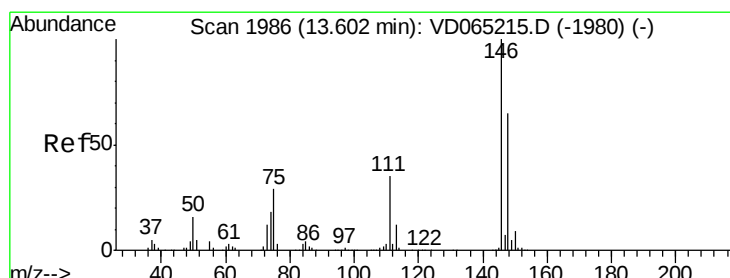
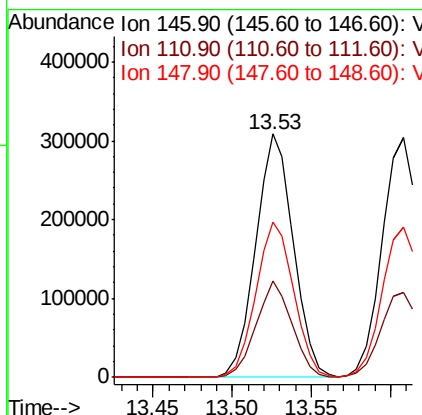
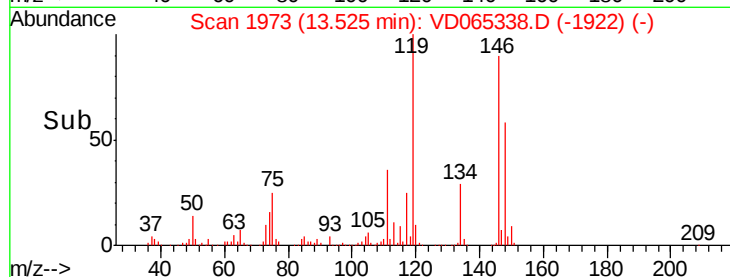
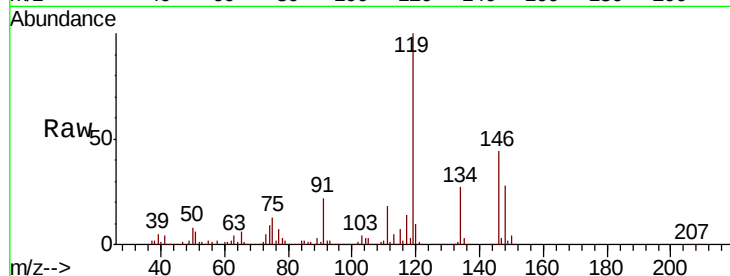




#87
 1,3-Dichlorobenzene
 Concen: 52.781 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

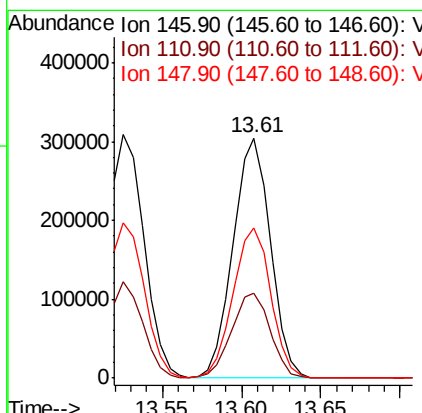
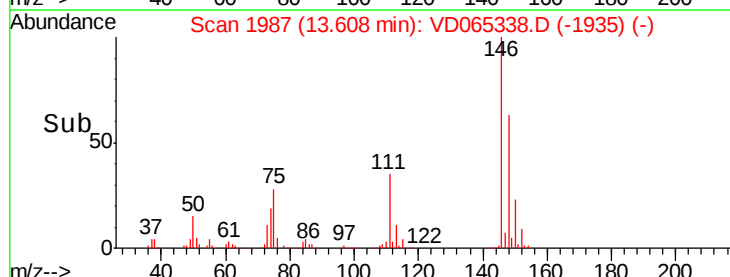
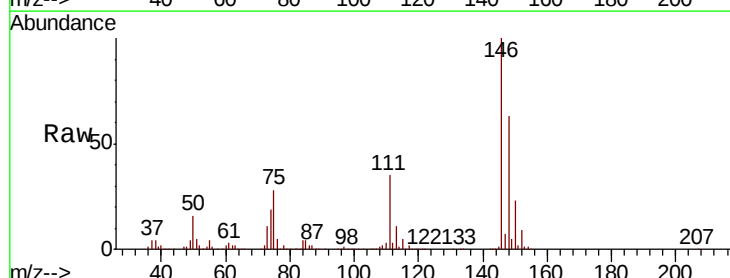
Instrument :
 MSVOA_D
 ClientSampleId :

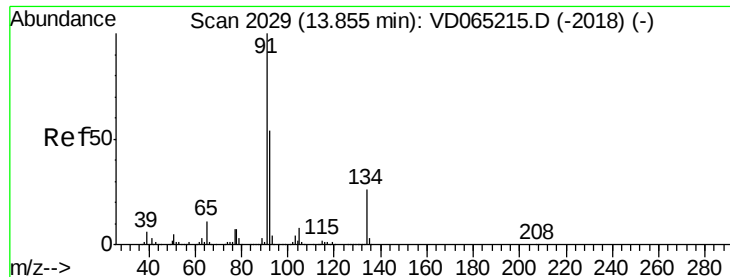
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	64.3	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 52.305 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.2
148	63.6	32.1	96.5





#89

n-Butylbenzene

Concen: 57.176 ug/l

RT: 13.85 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampled :

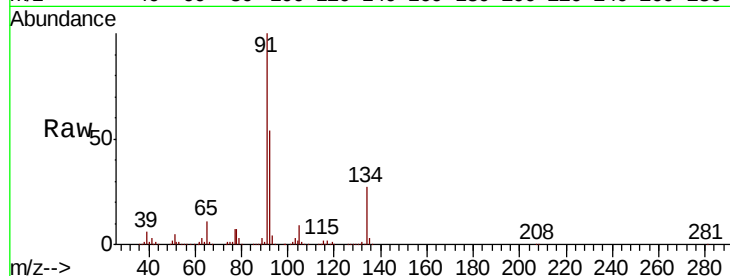
Tot Ion: 91 Resp: 961888

Ion Ratio Lower Upper

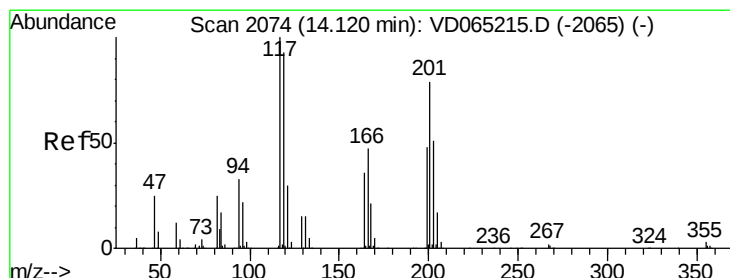
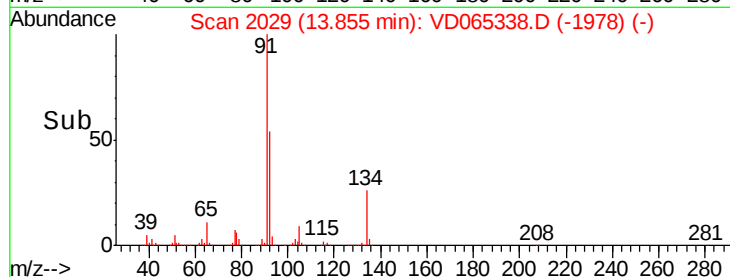
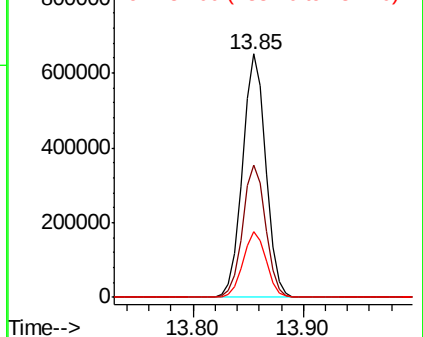
91 100

92 54.0 27.0 80.8

134 26.9 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.481 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD065338.D

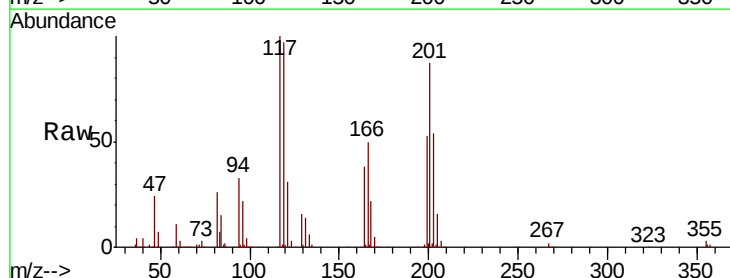
Acq: 27 Feb 2020 10:10

Tgt Ion: 117 Resp: 198252

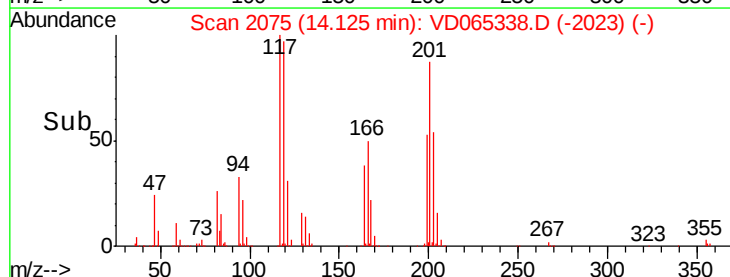
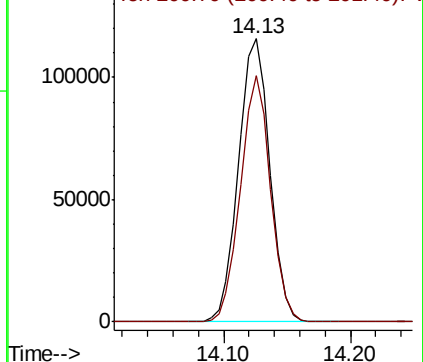
Ion Ratio Lower Upper

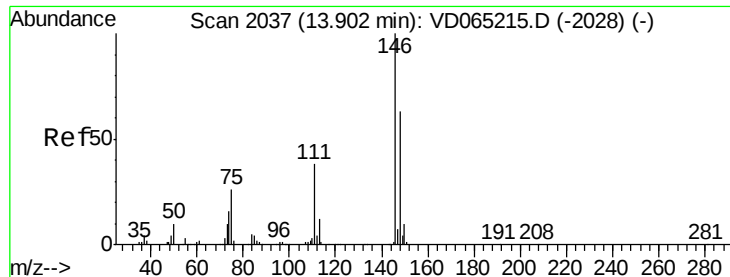
117 100

201 83.7 41.3 124.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 52.906 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

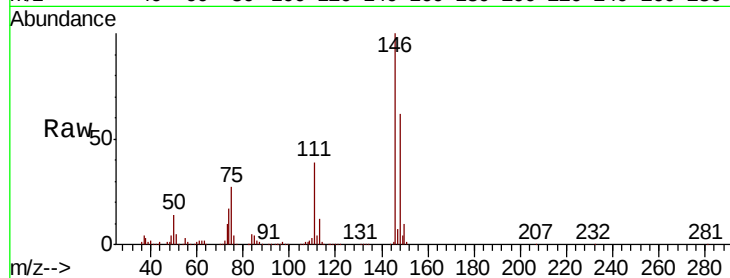
Tot Ion:146 Resp: 437675

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

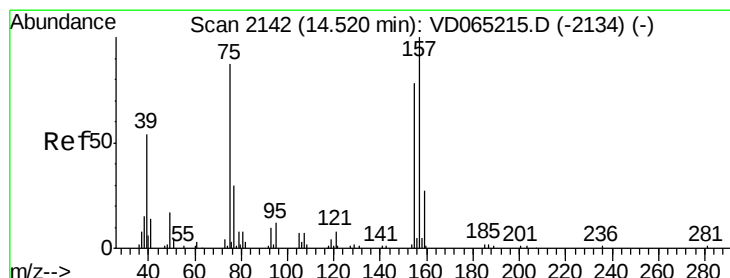
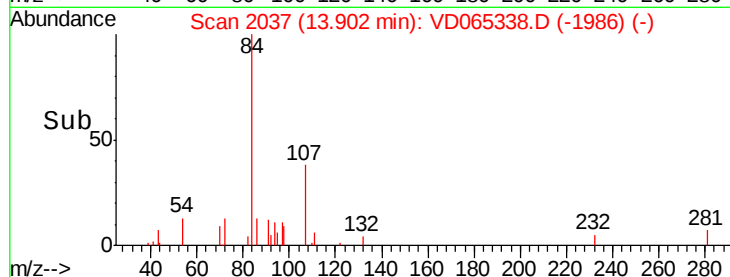
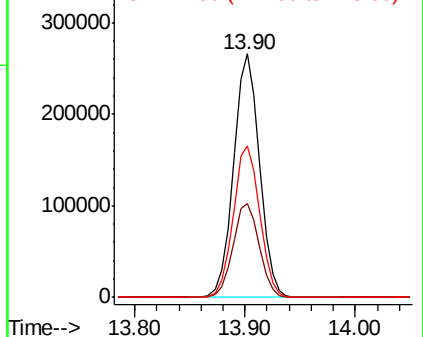
148 63.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.664 ug/l

RT: 14.53 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VD065338.D

Acq: 27 Feb 2020 10:10

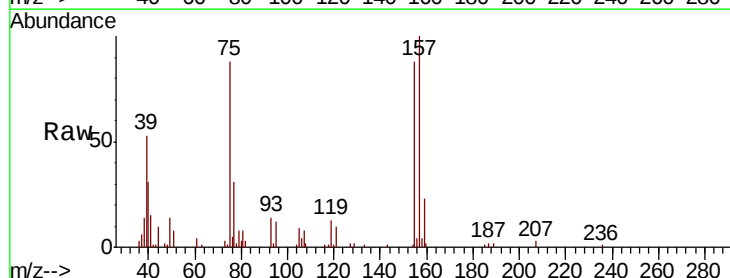
Tgt Ion: 75 Resp: 26606

Ion Ratio Lower Upper

75 100

155 96.0 42.3 126.9

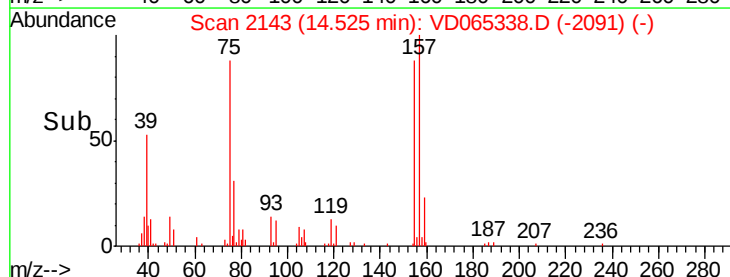
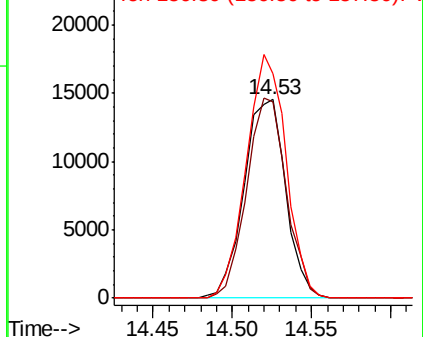
157 116.9 56.7 170.1

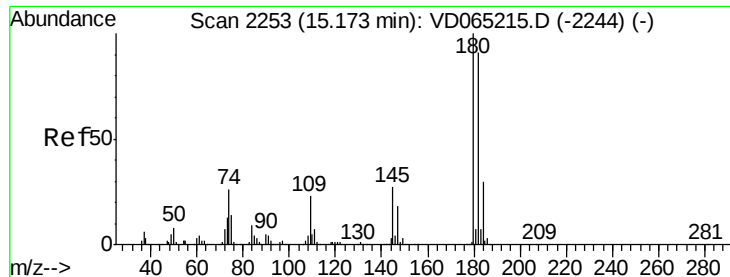


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

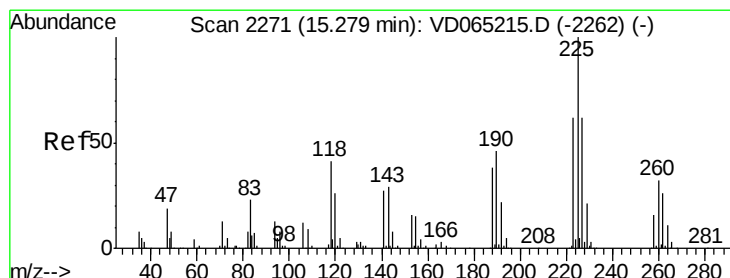
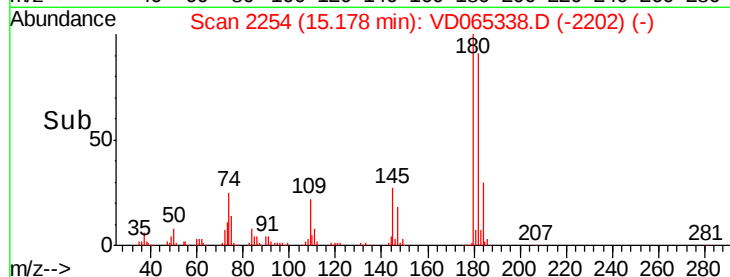
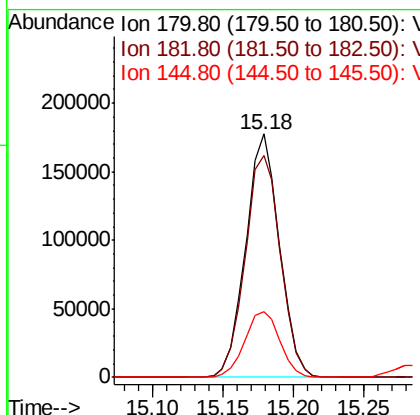
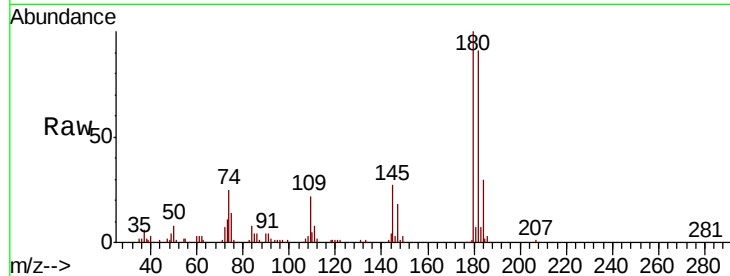




#93
 1,2,4-Trichlorobenzene
 Concen: 55.123 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

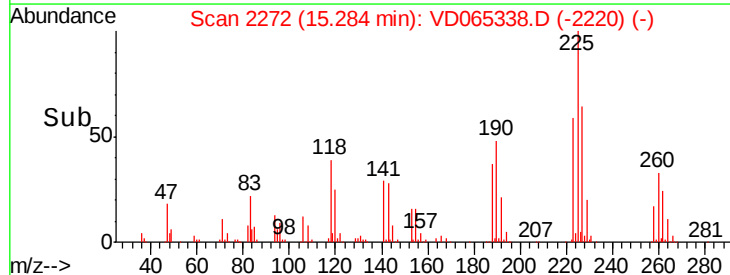
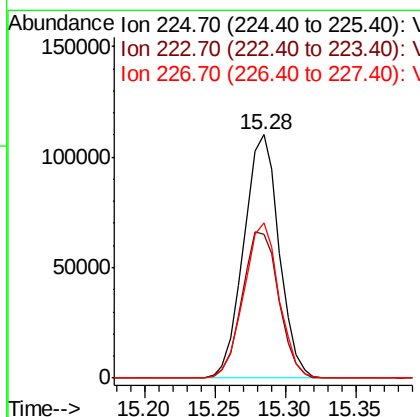
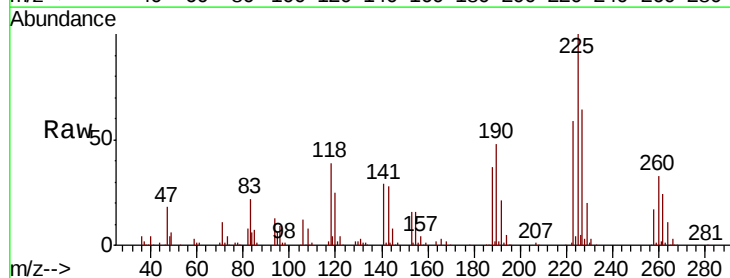
Instrument :
 MSVOA_D
 ClientSampleId :

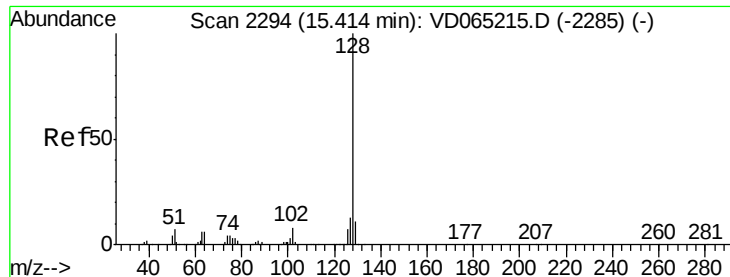
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.6
145	28.1	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 55.622 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD065338.D
 Acq: 27 Feb 2020 10:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	63.6	31.7	95.1

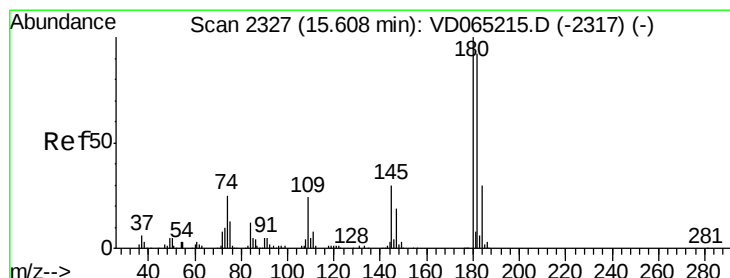
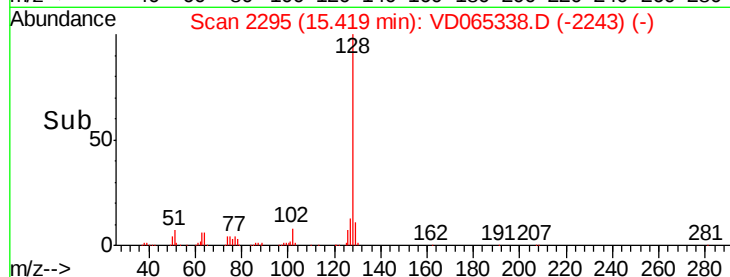
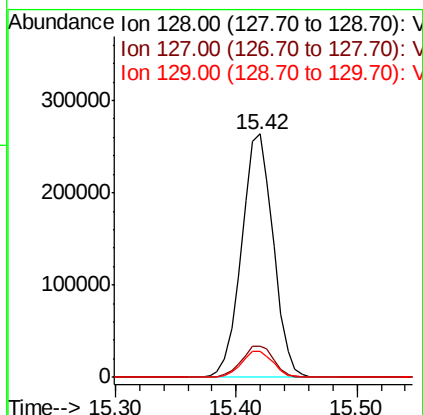
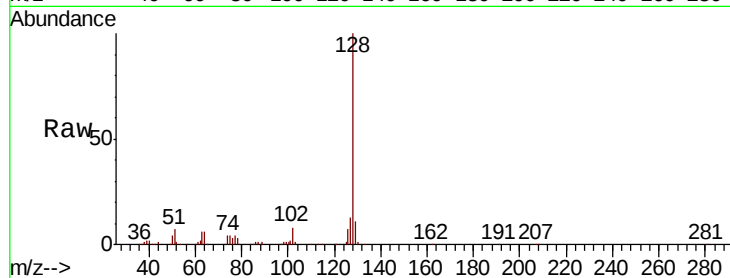




#95
Naphthalene
Concen: 54.818 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 482232
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.754 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065338.D
Acq: 27 Feb 2020 10:10

Tgt Ion:180 Resp: 258771
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 30.0 15.4 46.1

