

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040920\
 Data File : VD065611.D
 Acq On : 09 Apr 2020 13:27
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 01:17:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	472752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	651968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	622160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	625630	139.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.86%	
35) Dibromofluoromethane	7.92	113	661264	145.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.36%	
50) Toluene-d8	10.34	98	2530334	152.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.26%	
62) 4-Bromofluorobenzene	12.64	95	829793	155.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	592044	138.880	ug/l	99
3) Chloromethane	2.21	50	690524	130.258	ug/l	99
4) Vinyl Chloride	2.35	62	671964	135.574	ug/l	99
5) Bromomethane	2.75	94	487147	139.362	ug/l	100
6) Chloroethane	2.91	64	412173	135.034	ug/l	99
7) Trichlorofluoromethane	3.27	101	997842	132.733	ug/l	94
8) Diethyl Ether	3.71	74	206089	132.685	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	428239	87.141	ug/l	98
10) Methyl Iodide	4.29	142	556932	115.165	ug/l	97
11) Tert butyl alcohol	5.25	59	167128	733.877	ug/l #	73
12) 1,1-Dichloroethene	4.06	96	400822	88.432	ug/l	98
13) Acrolein	3.93	56	144648	461.681	ug/l	97
14) Allyl chloride	4.71	41	901340	134.059	ug/l	95
15) Acrylonitrile	5.43	53	724980	791.510	ug/l	99
16) Acetone	4.17	43	364026	450.880	ug/l	98
17) Carbon Disulfide	4.40	76	1326284	87.943	ug/l	100
18) Methyl Acetate	4.72	43	336701	142.080	ug/l	97
19) Methyl tert-butyl Ether	5.49	73	1463314	167.000	ug/l	97
20) Methylene Chloride	4.96	84	699991	131.158	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	755201	146.806	ug/l	94
22) Diisopropyl ether	6.37	45	2076663	160.687	ug/l	100
23) Vinyl Acetate	6.31	43	5903663	889.003	ug/l	99
24) 1,1-Dichloroethane	6.27	63	1223596	142.312	ug/l	99
25) 2-Butanone	7.22	43	864234	782.056	ug/l	99
26) 2,2-Dichloropropane	7.21	77	1064557	138.353	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	815825	154.958	ug/l	98
28) Bromochloromethane	7.55	49	487545	141.281	ug/l	99
29) Tetrahydrofuran	7.57	42	570813	821.984	ug/l	100
30) Chloroform	7.71	83	1267554	140.795	ug/l	100
31) Cyclohexane	7.98	56	1119564	140.368	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	1139314	140.032	ug/l	99
36) 1,1-Dichloropropene	8.11	75	996439	148.451	ug/l	99
37) Ethyl Acetate	7.30	43	399331	160.230	ug/l	99
38) Carbon Tetrachloride	8.10	117	1054845	144.730	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1266080	166.625	ug/l	99
40) Benzene	8.36	78	2889891	150.690	ug/l	100
41) Methacrylonitrile	7.53	41	200221	137.440	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	787229	146.962	ug/l	100
43) Isopropyl Acetate	8.46	43	763072	167.818	ug/l	98
44) Trichloroethene	9.11	130	815273	147.914	ug/l	96
45) 1,2-Dichloropropane	9.39	63	700944	150.102	ug/l	99
46) Dibromomethane	9.48	93	378029	150.605	ug/l	99
47) Bromodichloromethane	9.67	83	994305	151.059	ug/l	99
48) Methyl methacrylate	9.46	41	370148	175.517	ug/l	99
49) 1,4-Dioxane	9.47	88	85294	3208.543	ug/l	94
51) 4-Methyl-2-Pentanone	10.24	43	1964857	838.516	ug/l	99
52) Toluene	10.41	92	1885318	155.482	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	962587	164.763	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	1157117	161.761	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	523973	148.754	ug/l	96
56) Ethyl methacrylate	10.67	69	656592	184.821	ug/l	100
57) 1,3-Dichloropropane	10.96	76	906271	155.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	1615509	865.928	ug/l	99
59) 2-Hexanone	10.99	43	1345346	863.905	ug/l	98
60) Dibromochloromethane	11.14	129	711365	151.637	ug/l	98
61) 1,2-Dibromoethane	11.25	107	519333	155.102	ug/l	99
64) Tetrachloroethene	10.88	164	701641	141.782	ug/l	98
65) Chlorobenzene	11.68	112	1997961	148.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	768584	149.736	ug/l	100
67) Ethyl Benzene	11.75	91	3544434	159.302	ug/l	99
68) m/p-Xylenes	11.86	106	2774403	316.060	ug/l	99
69) o-Xylene	12.19	106	1271723	168.126	ug/l	98
70) Styrene	12.20	104	2237523	167.317	ug/l	100
71) Bromoform	12.37	173	425498	147.807	ug/l #	100
73) Isopropylbenzene	12.48	105	3352118	165.910	ug/l	99
74) N-amyl acetate	12.30	43	713100	178.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	548282	147.624	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	732205	171.861	ug/l #	100
77) Bromobenzene	12.77	156	852548	153.915	ug/l	98
78) n-propylbenzene	12.83	91	3879408	159.095	ug/l	99
79) 2-Chlorotoluene	12.91	91	2195857	157.129	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	2761341	162.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	190799	173.782	ug/l	98
82) 4-Chlorotoluene	13.01	91	2295186	152.589	ug/l	100
83) tert-Butylbenzene	13.23	119	2450969	172.127	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	2779214	164.233	ug/l	99
85) sec-Butylbenzene	13.41	105	3264986	161.141	ug/l	100
86) p-Isopropyltoluene	13.53	119	3108132	166.228	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	1583893	148.282	ug/l	100
88) 1,4-Dichlorobenzene	13.61	146	1537579	144.119	ug/l	100
89) n-Butylbenzene	13.86	91	2755733	163.309	ug/l	99
90) Hexachloroethane	14.13	117	588025	144.163	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	1354017	149.001	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	84847	148.102	ug/l	96

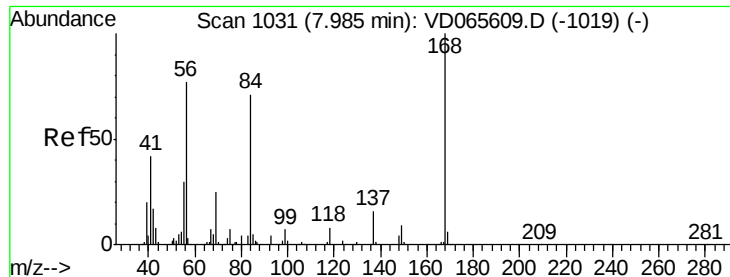
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040920\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:11:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	985399	165.085	ug/l	99
94) Hexachlorobutadiene	15.28	225	612643	147.660	ug/l	100
95) Naphthalene	15.41	128	1659822	191.917	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	863598	167.142	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: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

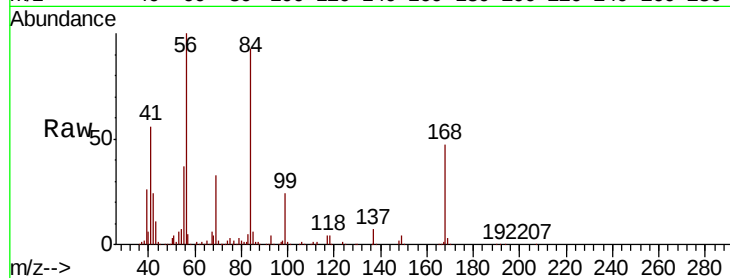
ClientSampleId :

Tot Ion:168 Resp: 472752

Ion Ratio Lower Upper

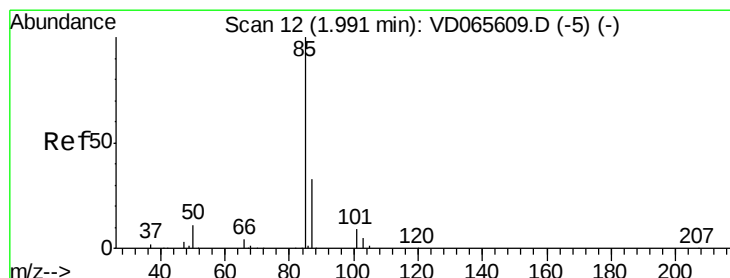
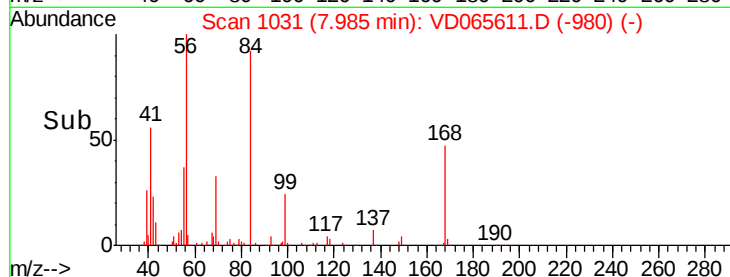
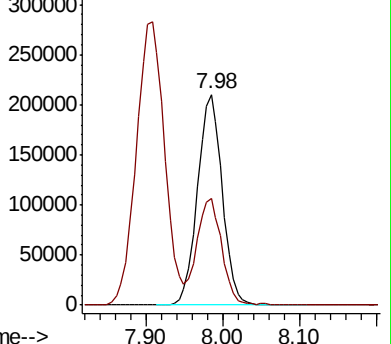
168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 138.880 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065611.D

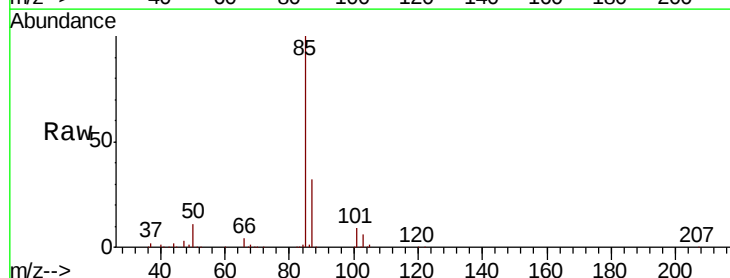
Acq: 09 Apr 2020 13:27

Tgt Ion: 85 Resp: 592044

Ion Ratio Lower Upper

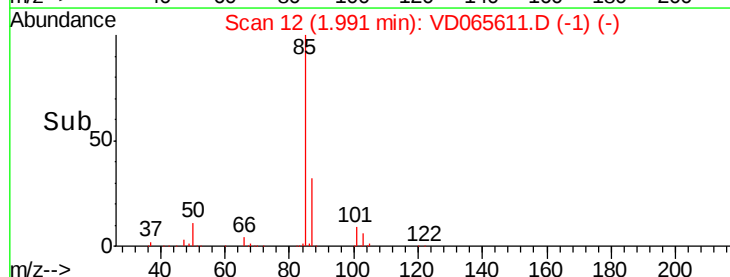
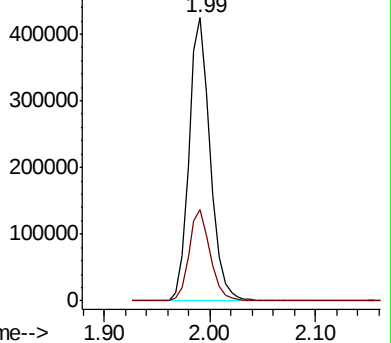
85 100

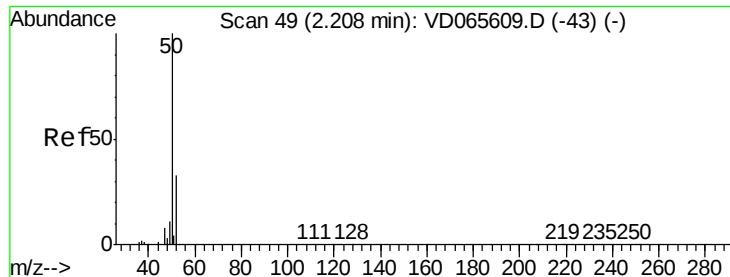
87 32.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

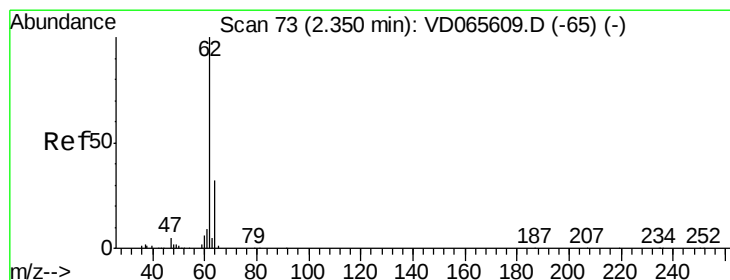
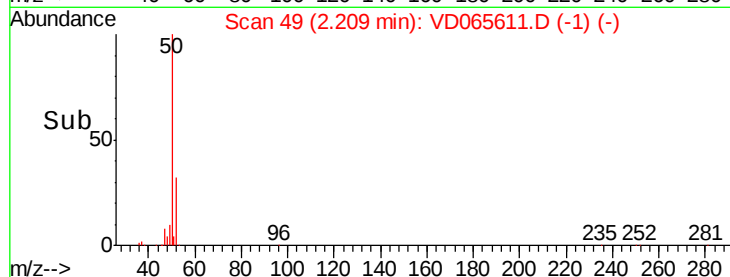
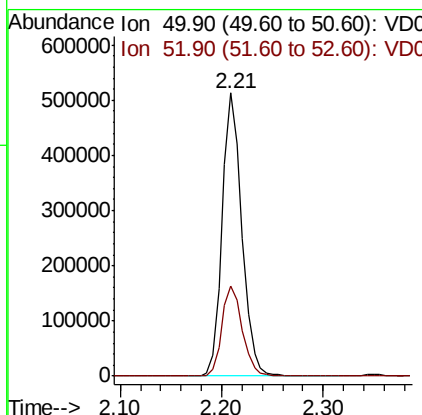
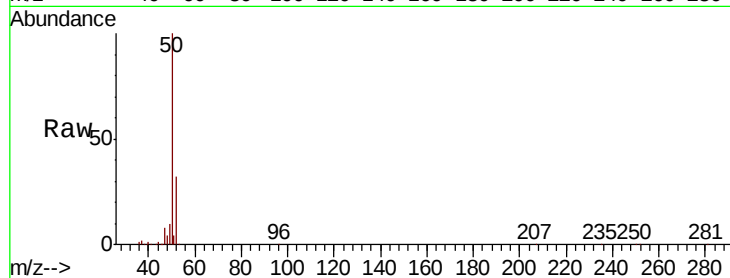




#3
Chloromethane
Concen: 130.258 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

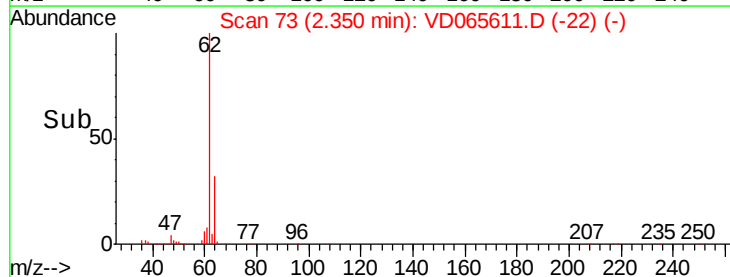
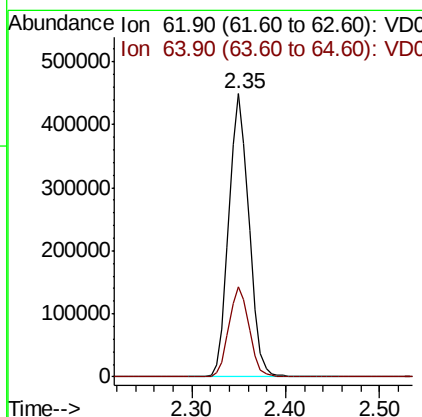
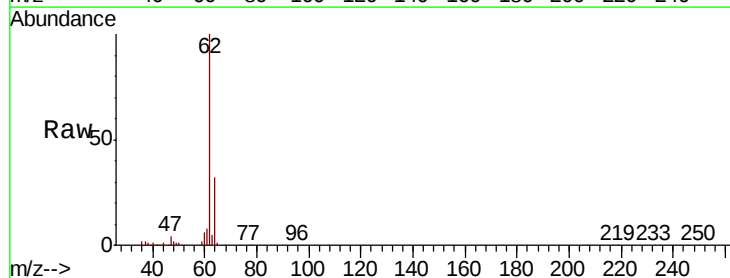
Instrument :
MSVOA_D
ClientSampled :

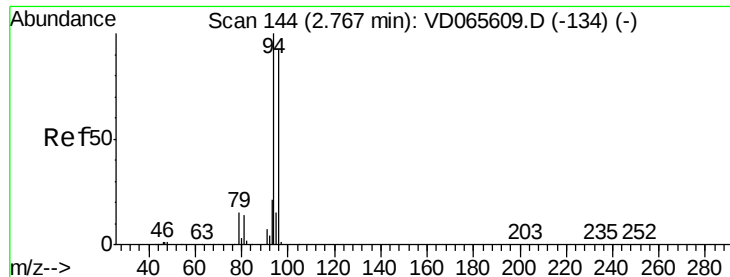
Tot Ion: 50 Resp: 690524
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.4



#4
Vinyl Chloride
Concen: 135.574 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion: 62 Resp: 671964
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5

Bromomethane

Concen: 139.362 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

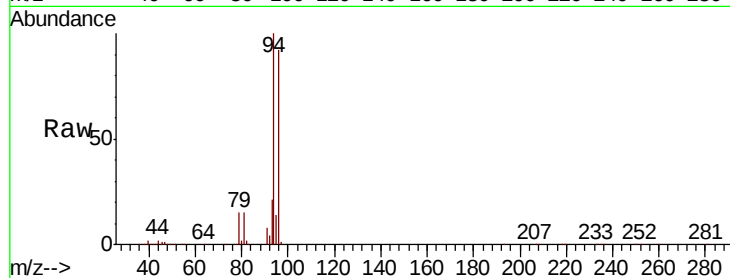
ClientSampled :

Tot Ion: 94 Resp: 487147

Ion Ratio Lower Upper

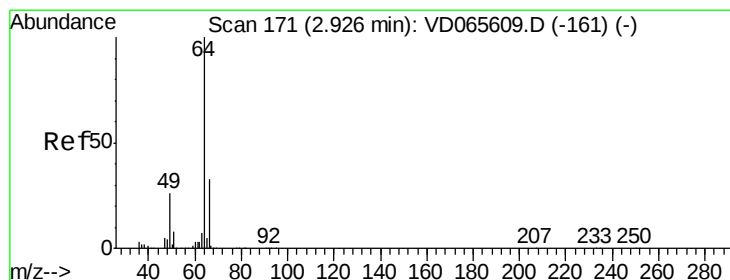
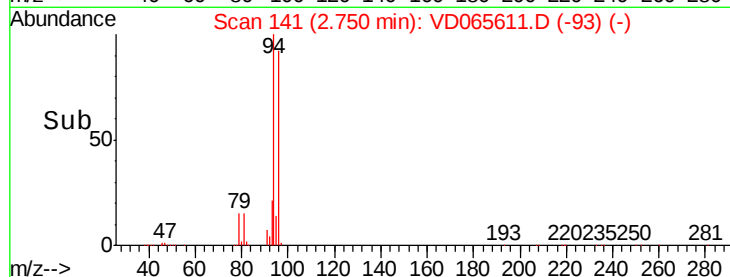
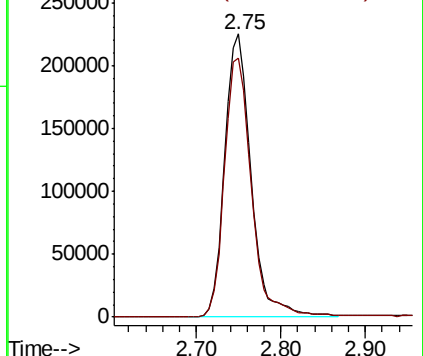
94 100

96 91.5 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 135.034 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065611.D

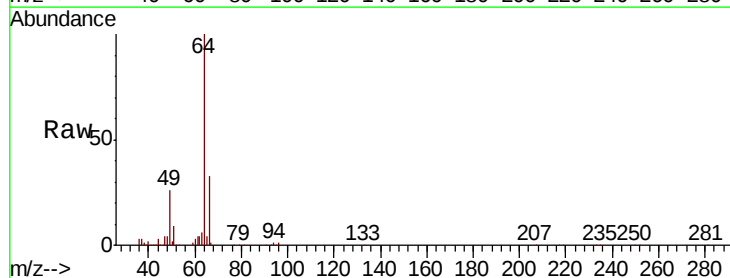
Acq: 09 Apr 2020 13:27

Tgt Ion: 64 Resp: 412173

Ion Ratio Lower Upper

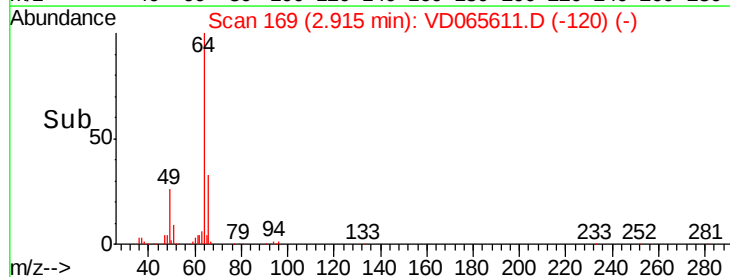
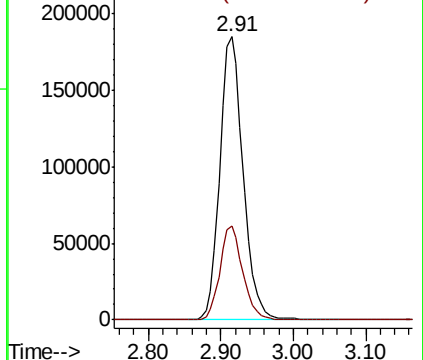
64 100

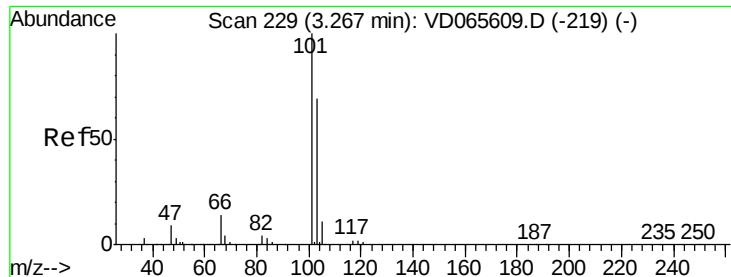
66 33.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



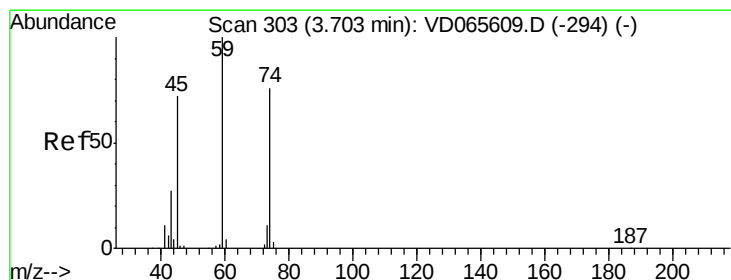
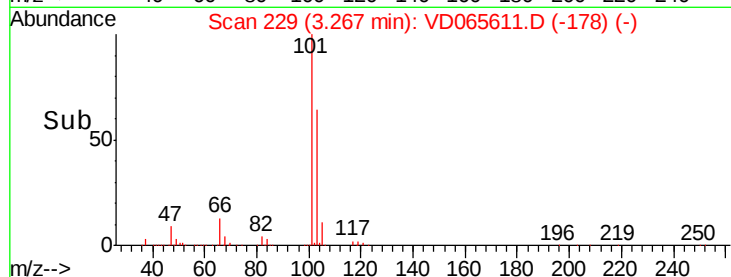
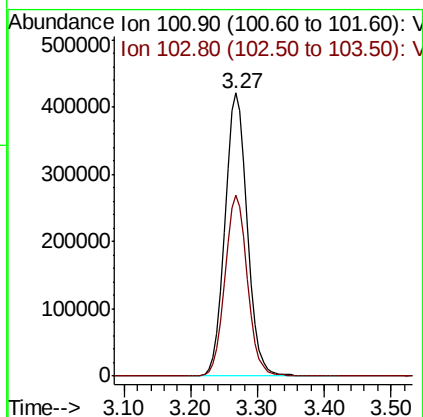
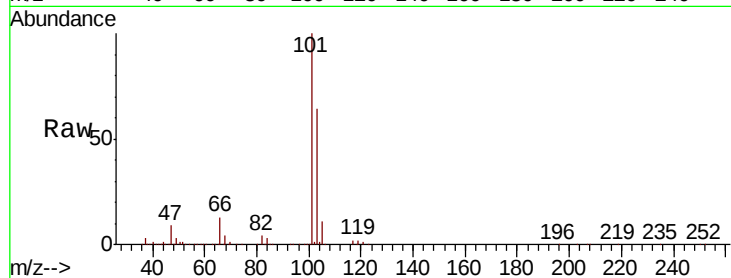


#7

Trichlorofluoromethane
 Concen: 132.733 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :

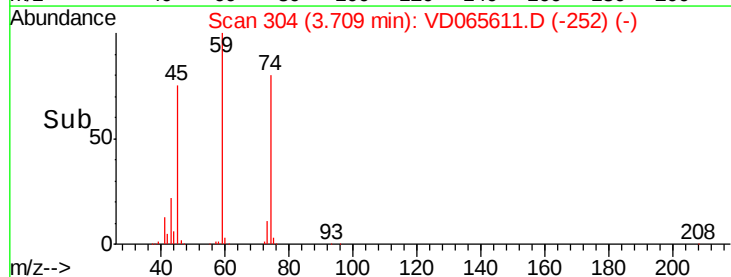
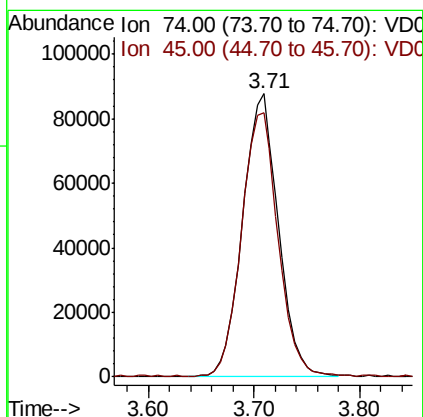
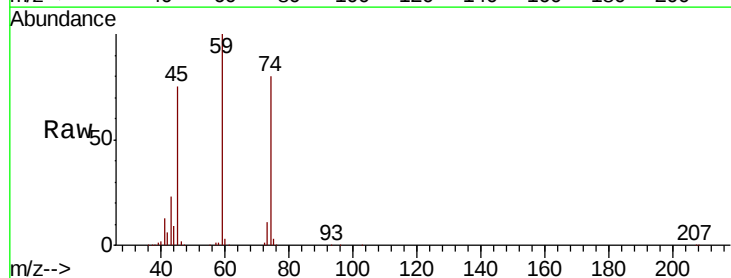
Tot Ion:101 Resp: 997842
 Ion Ratio Lower Upper
 101 100
 103 63.9 55.0 82.4

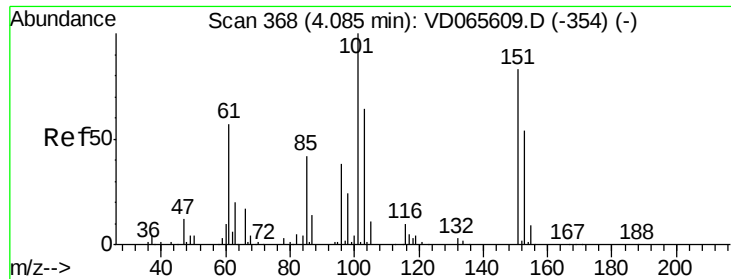


#8

Diethyl Ether
 Concen: 132.685 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion: 74 Resp: 206089
 Ion Ratio Lower Upper
 74 100
 45 96.5 47.8 143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 87.141 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

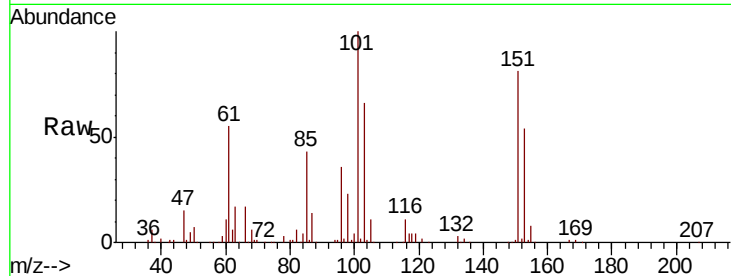
Tot Ion:101 Resp: 428239

Ion Ratio Lower Upper

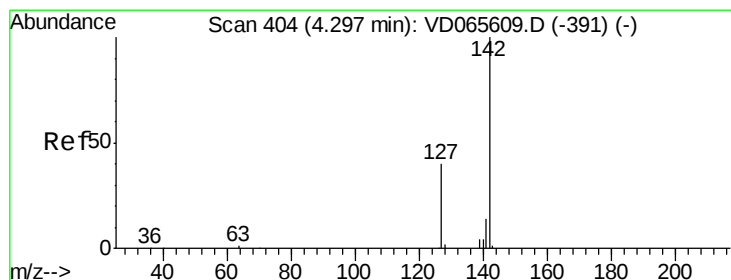
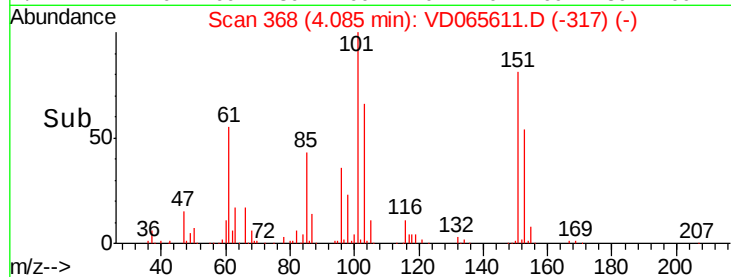
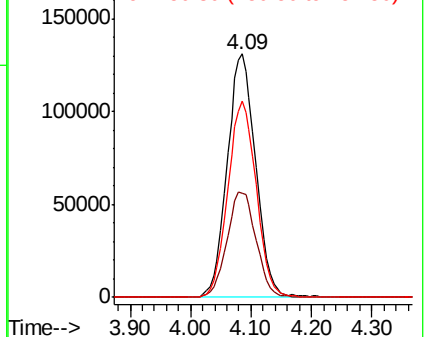
101 100

85 44.2 33.8 50.6

151 80.6 65.0 97.4



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: 115.165 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

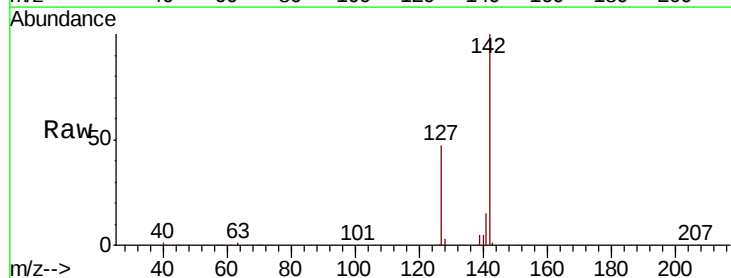
Tgt Ion:142 Resp: 556932

Ion Ratio Lower Upper

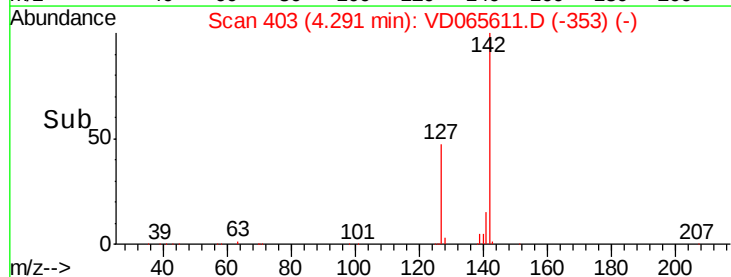
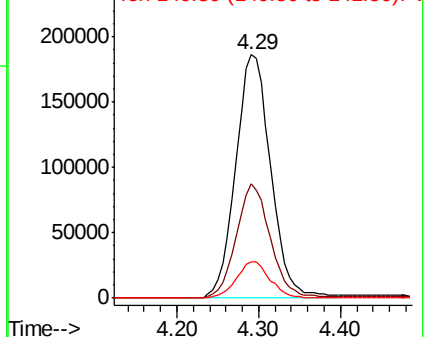
142 100

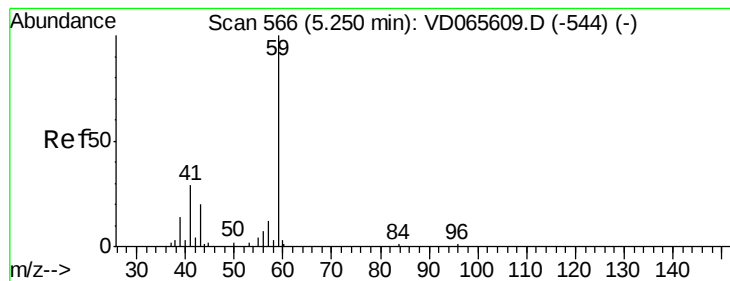
127 45.5 34.6 51.8

141 14.3 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



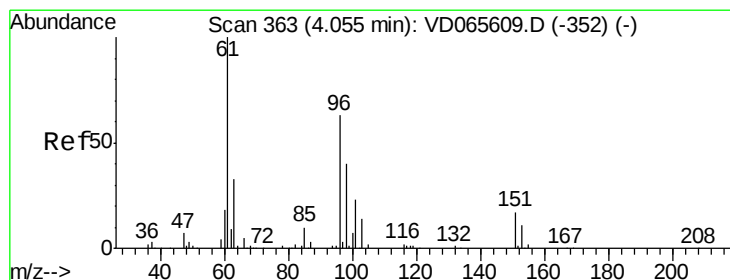
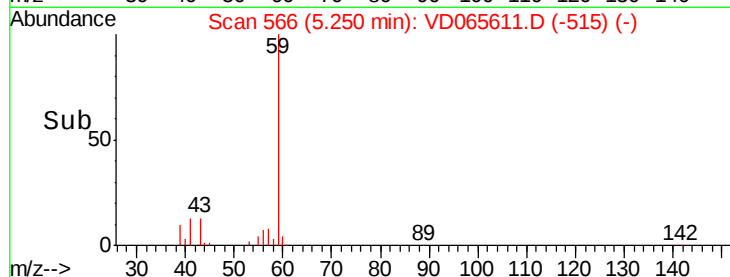
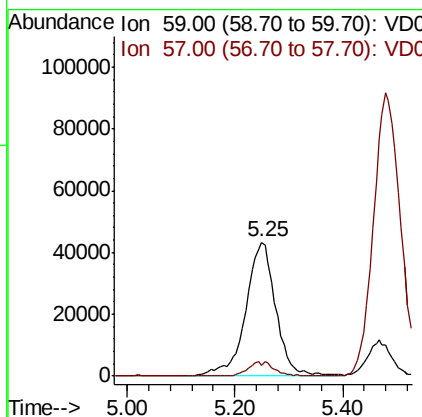
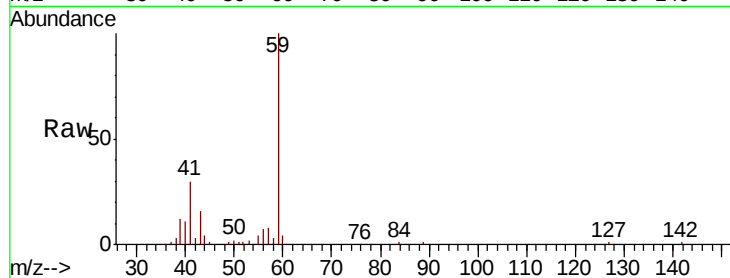


#11

Tert butyl alcohol
 Concen: 733.877 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Instrument :
 MSVOA_D
 ClientSampled :

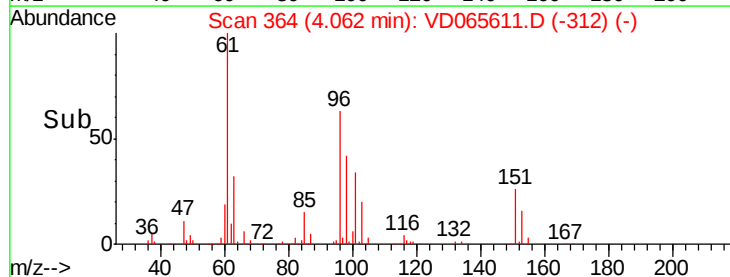
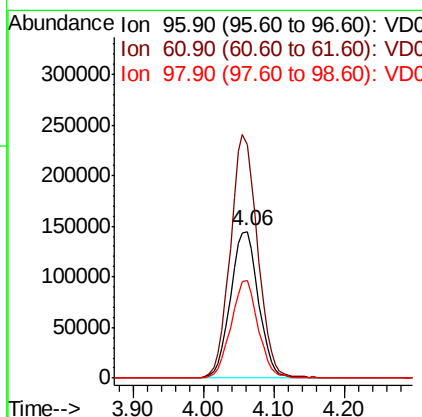
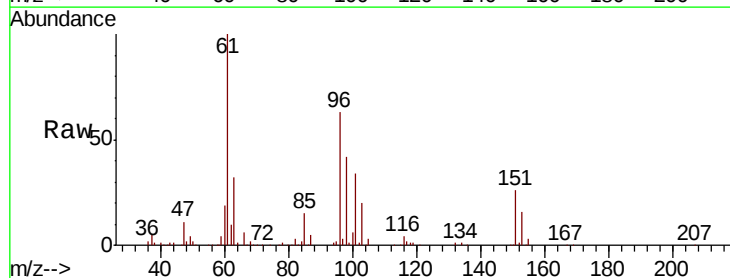
Tot Ion: 59 Resp: 167128
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

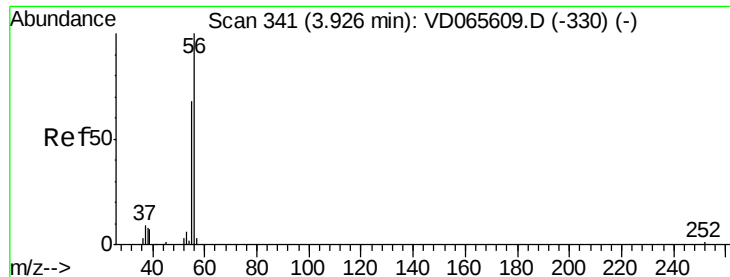


#12

1,1-Dichloroethene
 Concen: 88.432 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion: 96 Resp: 400822
 Ion Ratio Lower Upper
 96 100
 61 159.7 126.6 190.0
 98 66.3 50.2 75.4





#13

Acrolein

Concen: 461.681 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

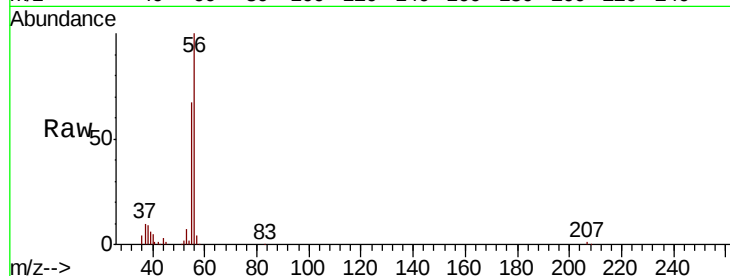
ClientSampleId :

Tot Ion: 56 Resp: 144648

Ion Ratio Lower Upper

56 100

55 69.6 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

60000

50000

40000

30000

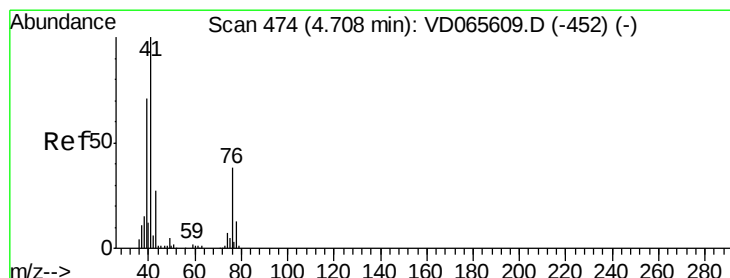
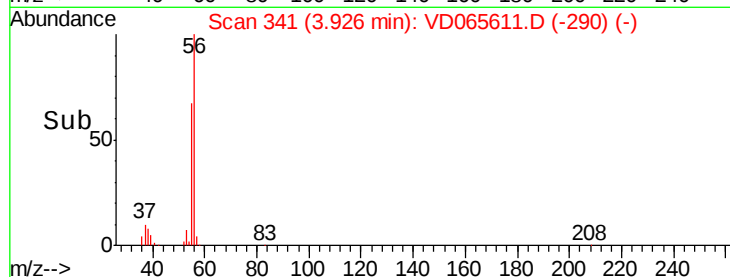
20000

10000

0

Time-->

3.80 3.90 4.00 4.10



#14

Allyl chloride

Concen: 134.059 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

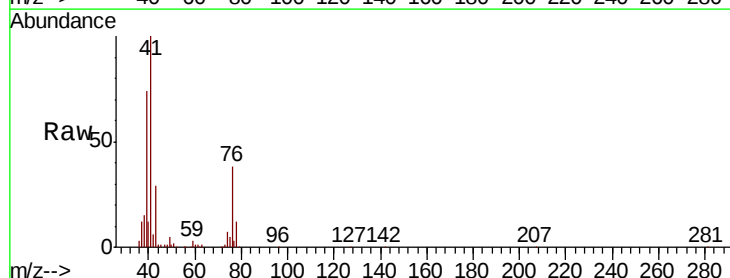
Tgt Ion: 41 Resp: 901340

Ion Ratio Lower Upper

41 100

39 73.6 54.2 81.2

76 36.8 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

400000

300000

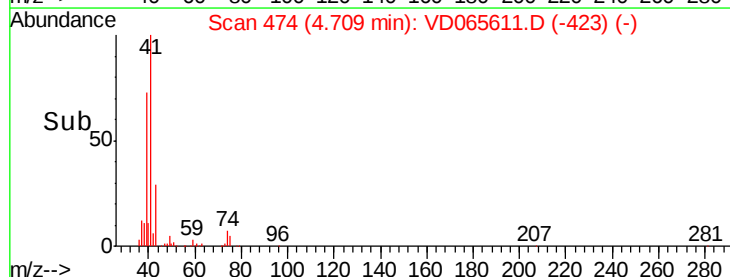
200000

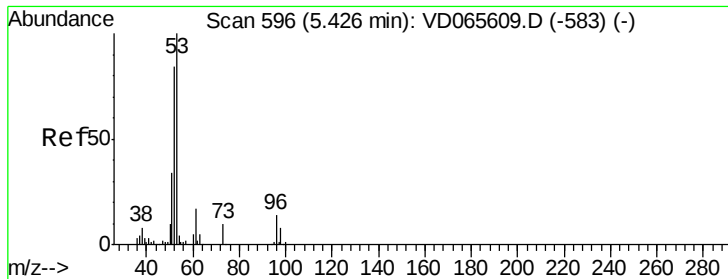
100000

0

Time-->

4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 791.510 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

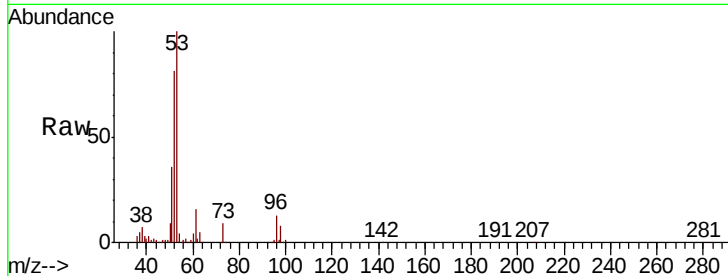
Tot Ion: 53 Resp: 724980

Ion Ratio Lower Upper

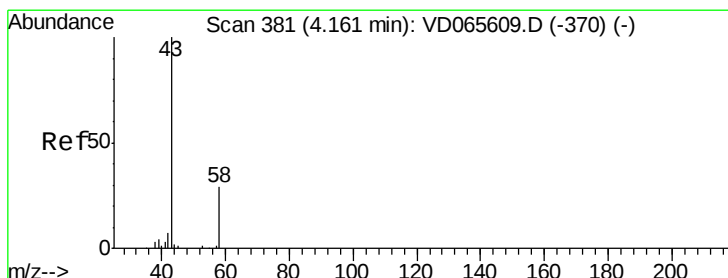
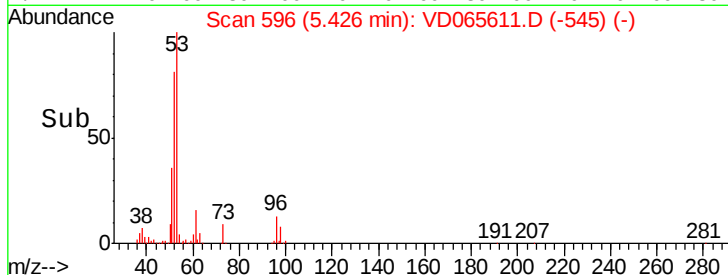
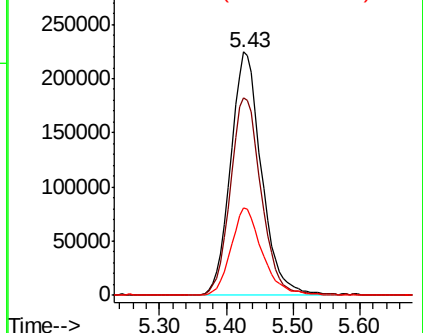
53 100

52 81.2 65.3 97.9

51 36.4 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: 450.880 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065611.D

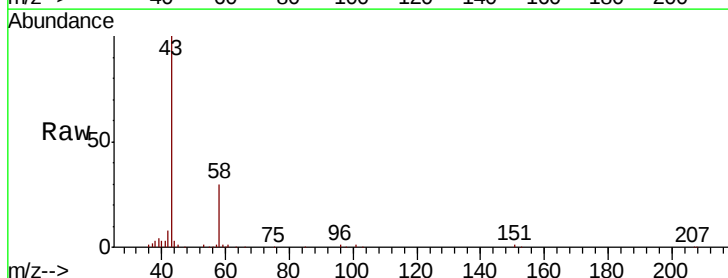
Acq: 09 Apr 2020 13:27

Tgt Ion: 43 Resp: 364026

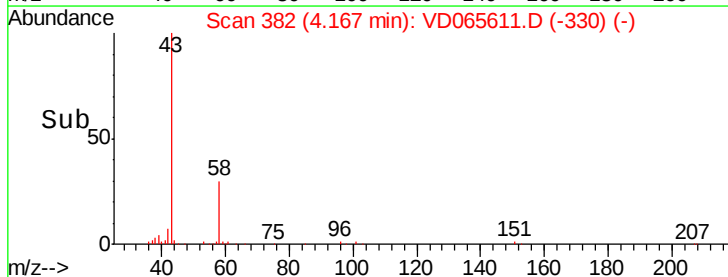
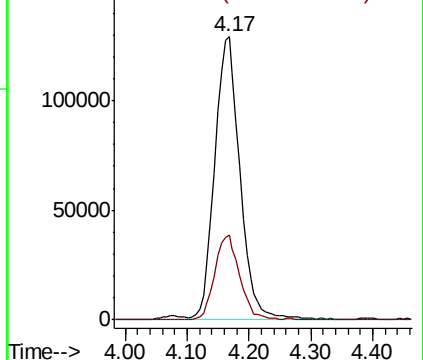
Ion Ratio Lower Upper

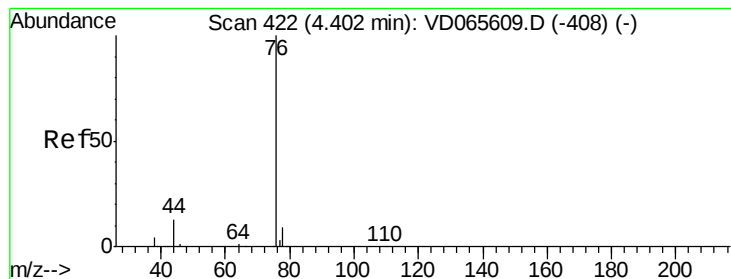
43 100

58 29.9 23.2 34.8



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





#17

Carbon Disulfide

Concen: 87.943 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

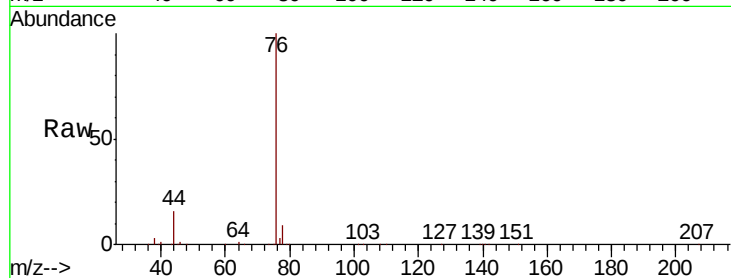
ClientSampled :

Tot Ion: 76 Resp: 1326284

Ion Ratio Lower Upper

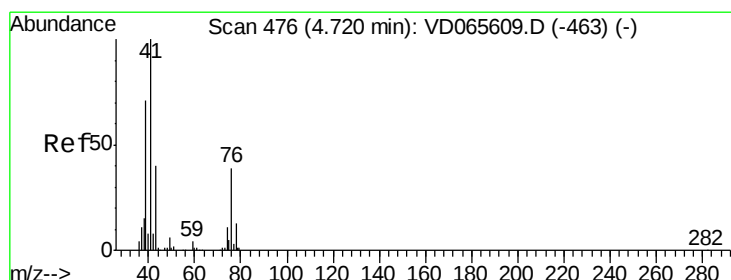
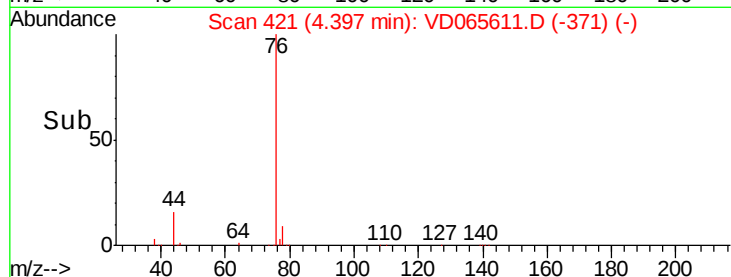
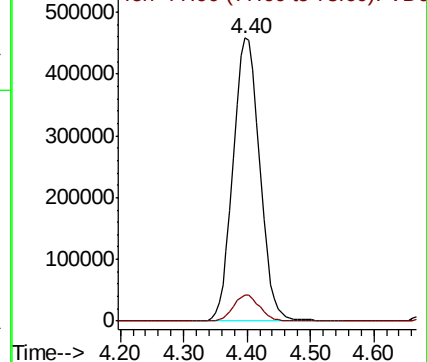
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 142.080 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD065611.D

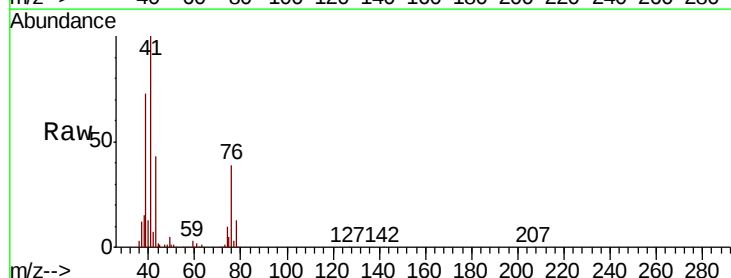
Acq: 09 Apr 2020 13:27

Tgt Ion: 43 Resp: 336701

Ion Ratio Lower Upper

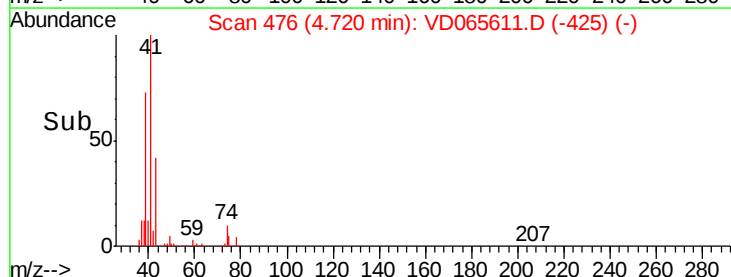
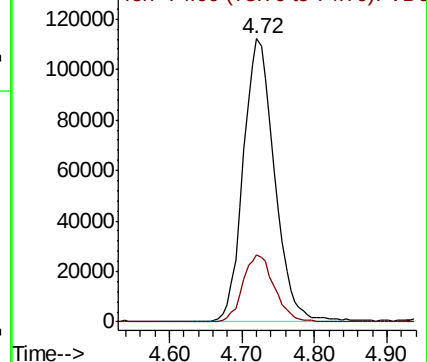
43 100

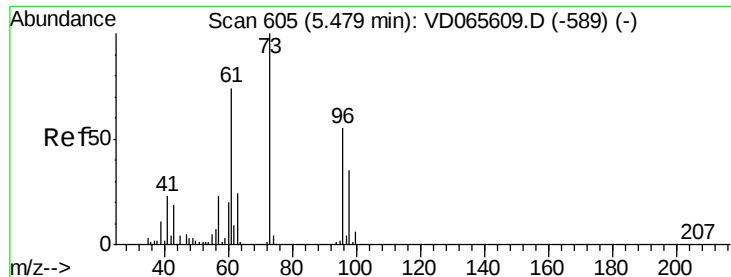
74 23.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



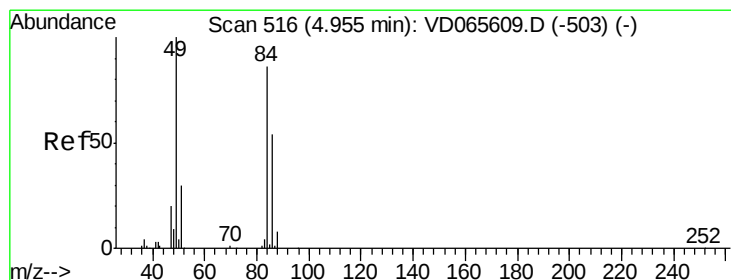
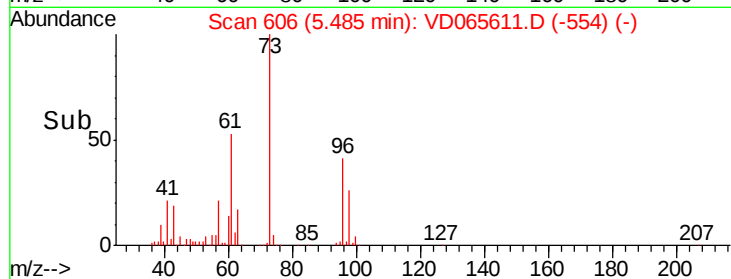
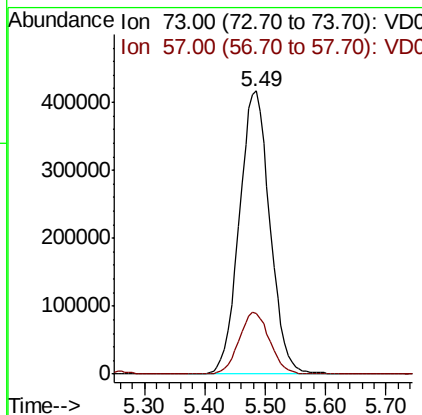
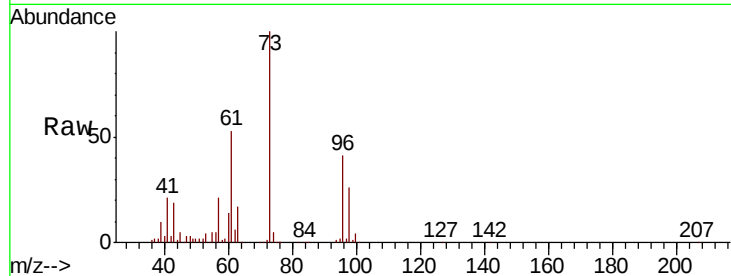


#19

Methyl tert-butyl Ether
 Concen: 167.000 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Instrument :
 MSVOA_D
 ClientSampled :

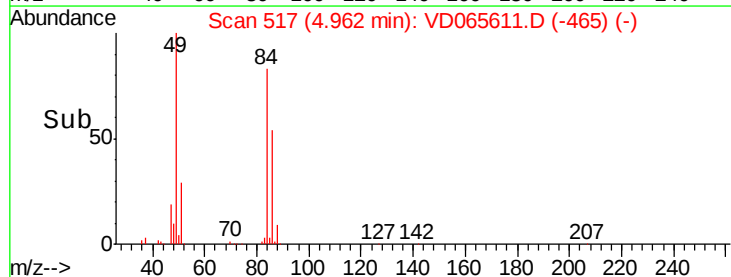
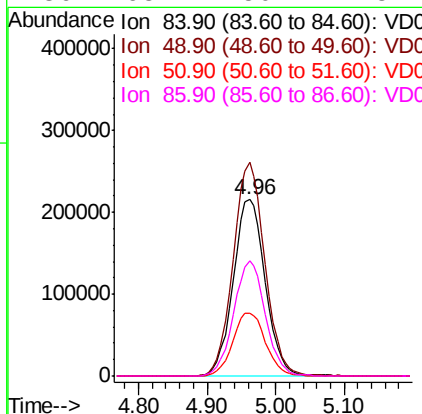
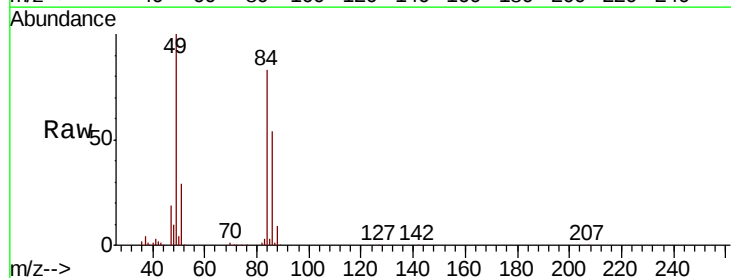
Tot Ion: 73 Resp: 1463314
 Ion Ratio Lower Upper
 73 100
 57 21.4 18.2 27.2

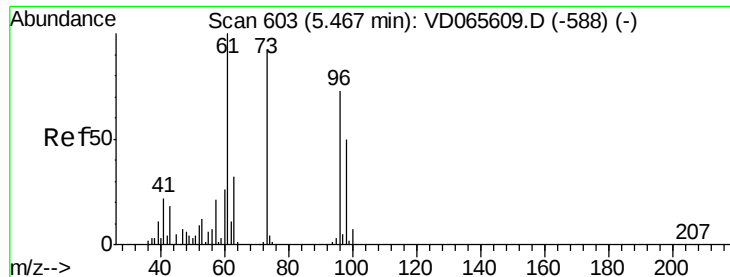


#20

Methylene Chloride
 Concen: 131.158 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion: 84 Resp: 699991
 Ion Ratio Lower Upper
 84 100
 49 121.0 93.4 140.2
 51 35.5 28.5 42.7
 86 65.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 146.806 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

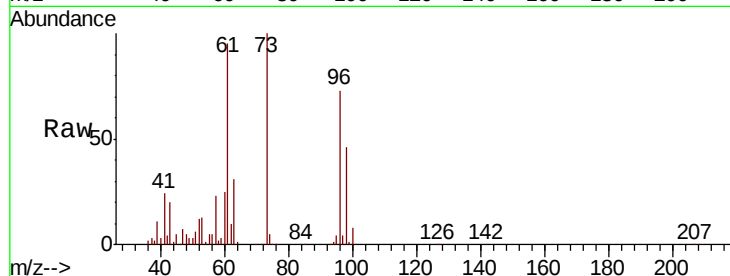
Tot Ion: 96 Resp: 755201

Ion Ratio Lower Upper

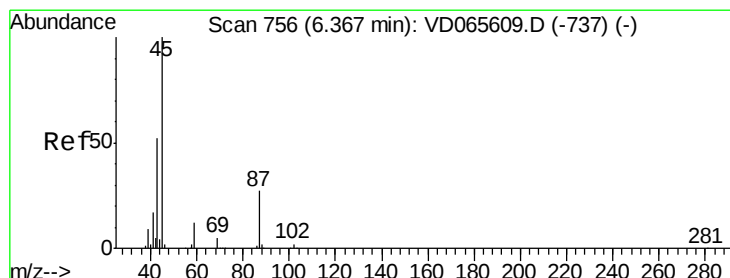
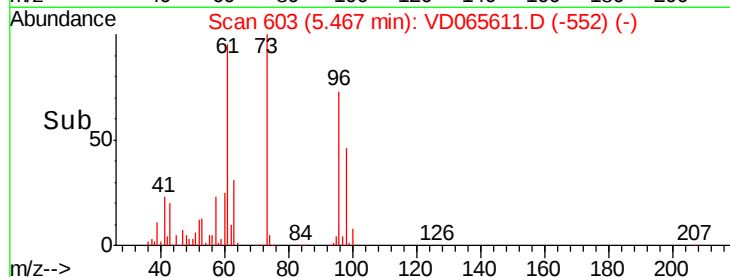
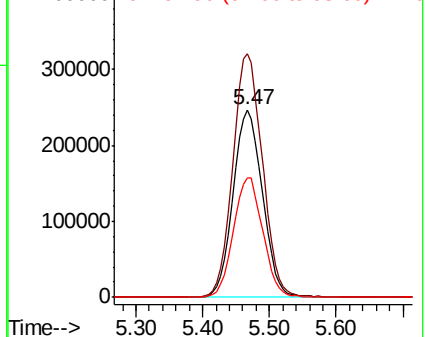
96 100

61 129.8 109.8 164.6

98 63.5 54.8 82.2



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



#22

Diisopropyl ether

Concen: 160.687 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Tgt Ion: 45 Resp: 2076663

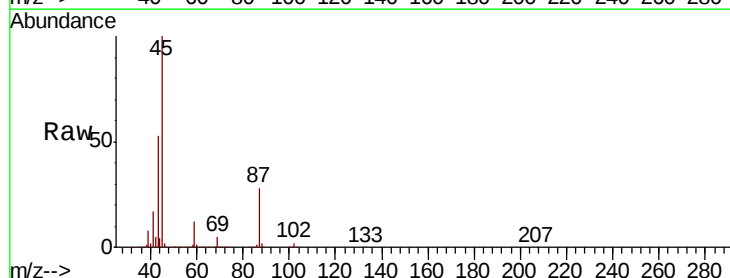
Ion Ratio Lower Upper

45 100

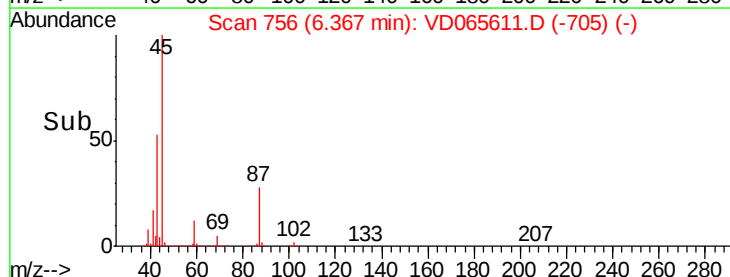
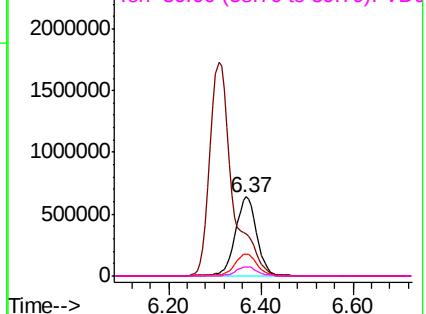
43 53.0 42.5 63.7

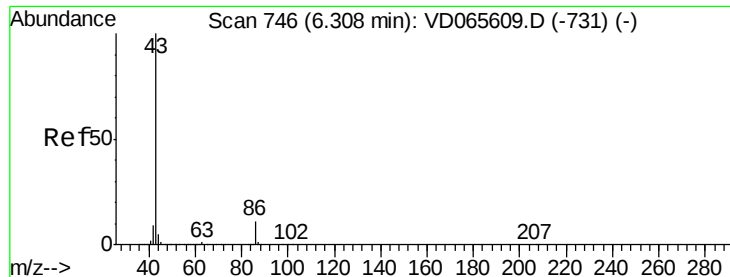
87 28.1 22.3 33.5

59 11.5 9.5 14.3



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: 889.003 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

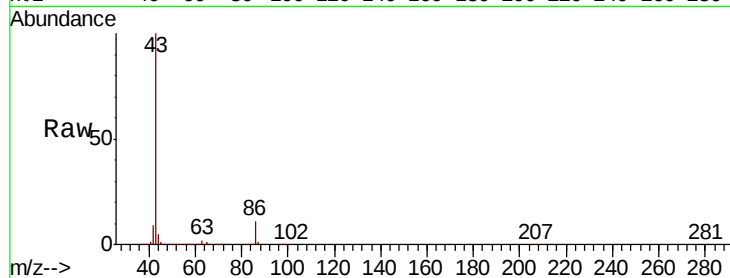
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 5903663

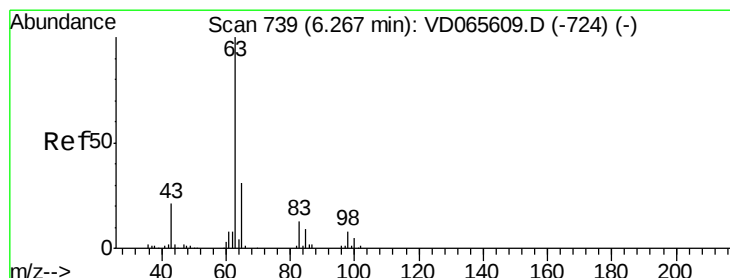
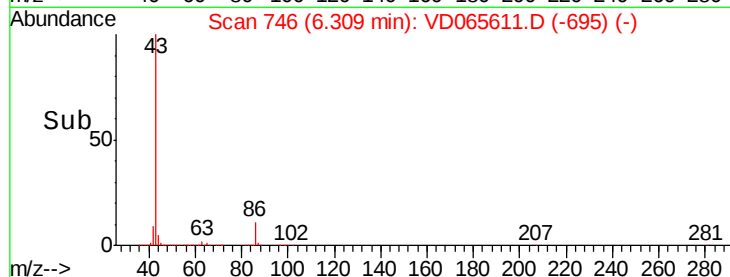
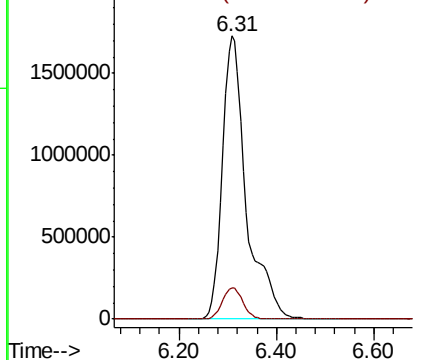
Ion Ratio Lower Upper

43 100

86 11.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 142.312 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

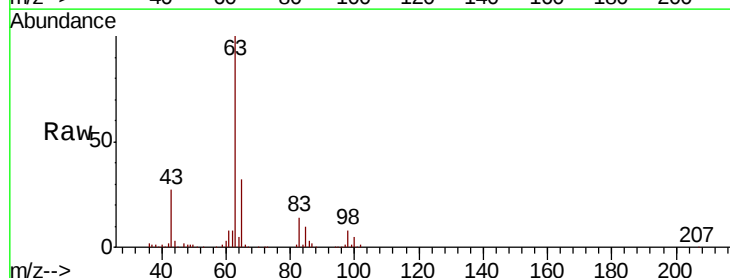
Tgt Ion: 63 Resp: 1223596

Ion Ratio Lower Upper

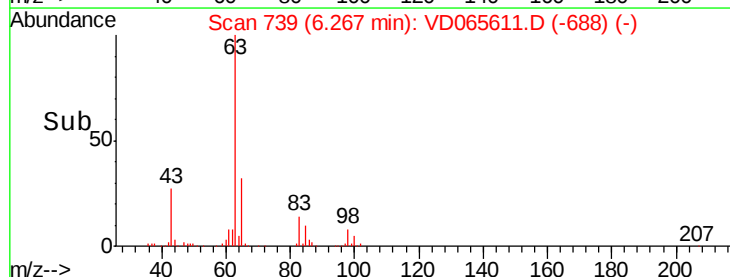
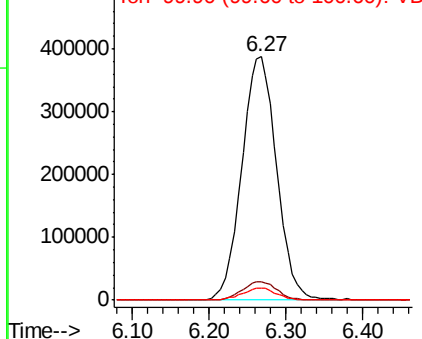
63 100

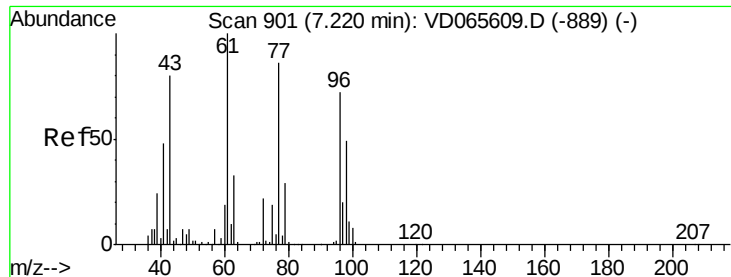
98 7.6 4.0 11.9

100 4.7 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 782.056 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

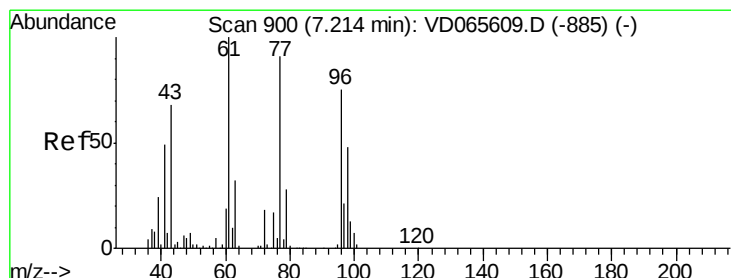
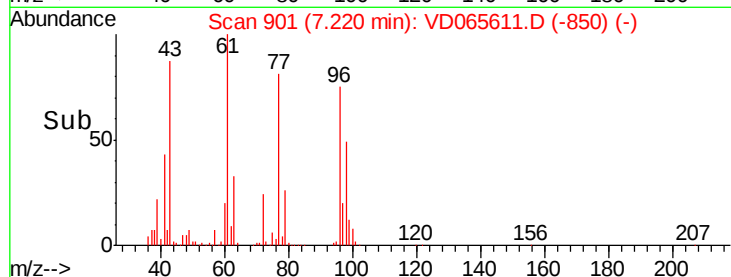
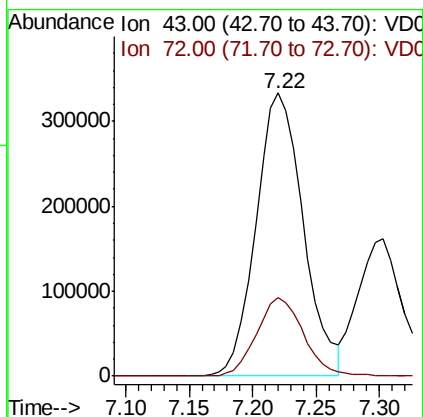
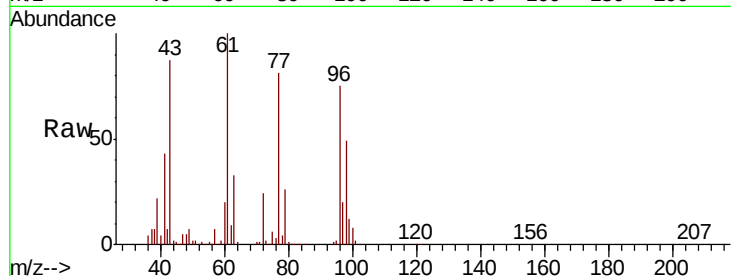
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 864234

Ion Ratio Lower Upper

43 100

72 27.6 22.5 33.7



#26

2,2-Dichloropropane

Concen: 138.353 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065611.D

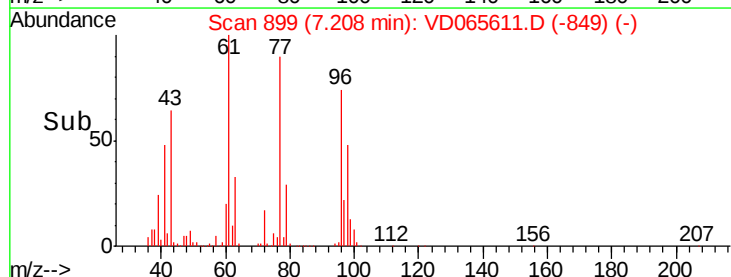
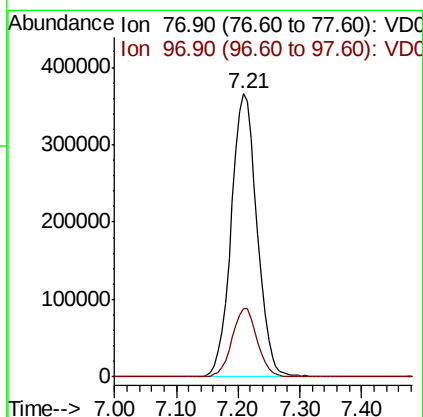
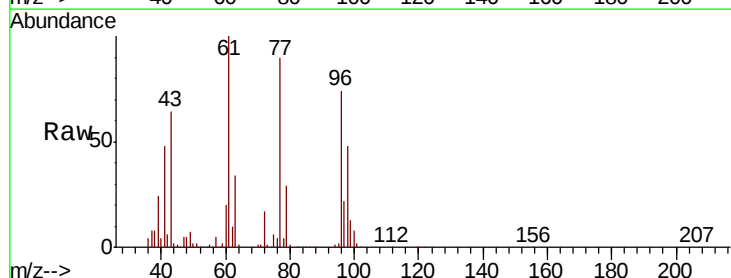
Acq: 09 Apr 2020 13:27

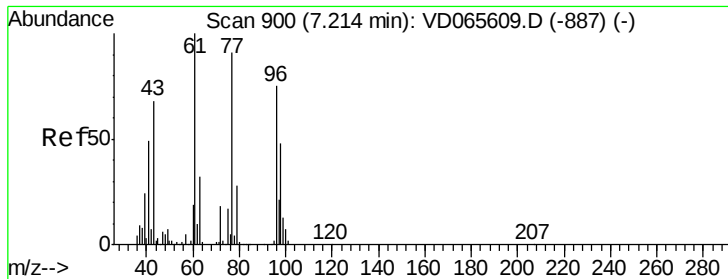
Tgt Ion: 77 Resp: 1064557

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1



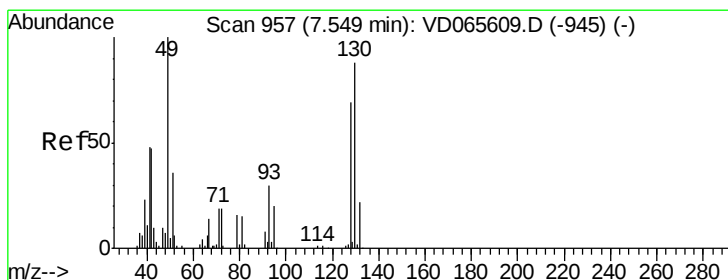
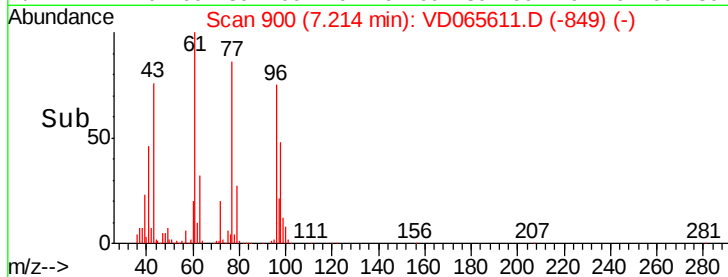
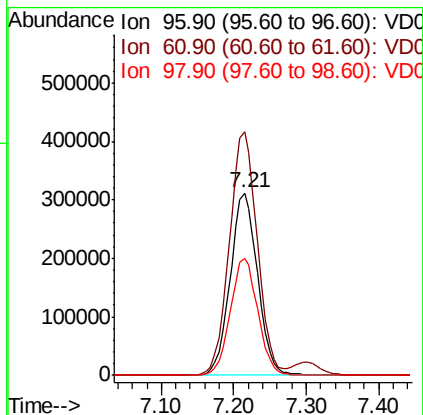
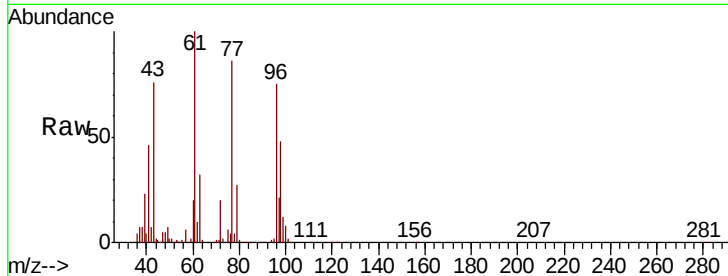


#27

cis-1,2-Dichloroethene
 Concen: 154.958 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Instrument :
 MSVOA_D
 ClientSampled :

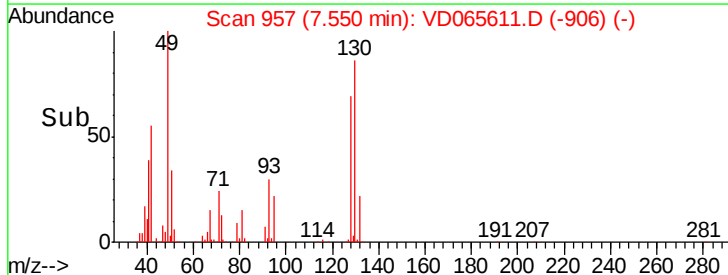
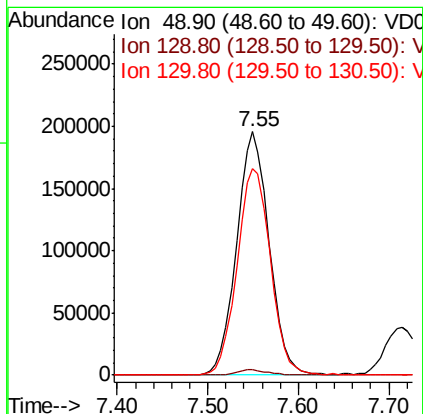
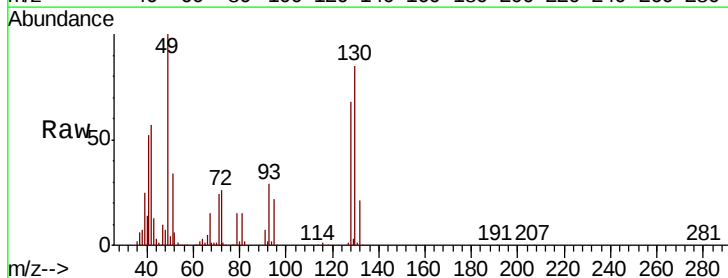
Tot Ion	96	Resp	815825
Ion Ratio	Lower	Upper	
96	100		
61	136.5	0.0	279.0
98	64.5	0.0	130.2

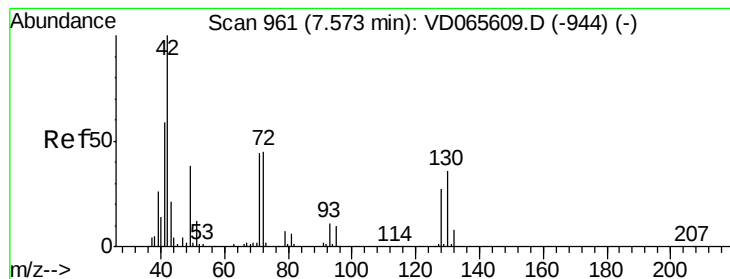


#28

Bromochloromethane
 Concen: 141.281 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion	49	Resp	487545
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.8
130	87.4	69.4	104.2





#29

Tetrahydrofuran

Concen: 821.984 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampled :

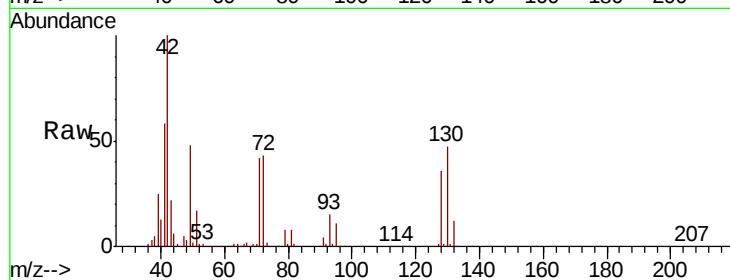
Tot Ion: 42 Resp: 570813

Ion Ratio Lower Upper

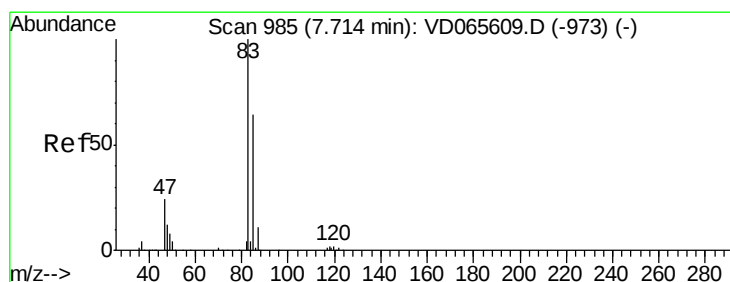
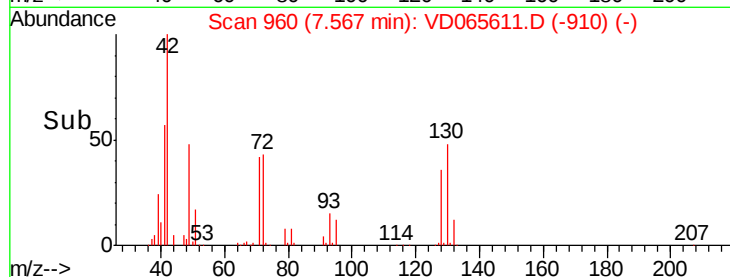
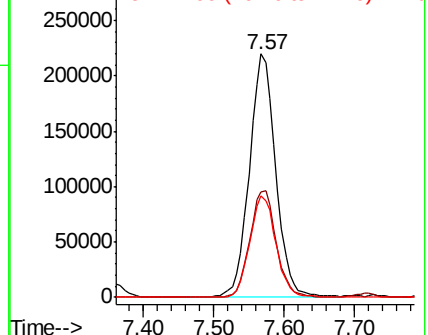
42 100

72 44.0 35.3 52.9

71 41.5 33.1 49.7



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: 140.795 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065611.D

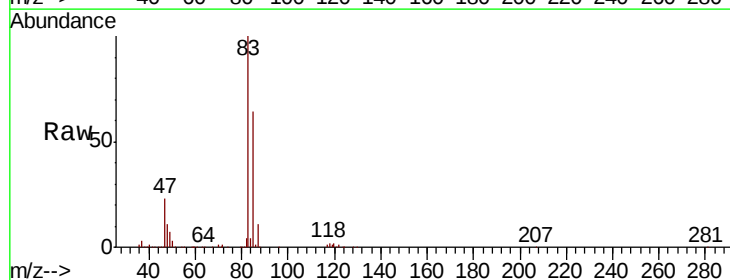
Acq: 09 Apr 2020 13:27

Tgt Ion: 83 Resp: 1267554

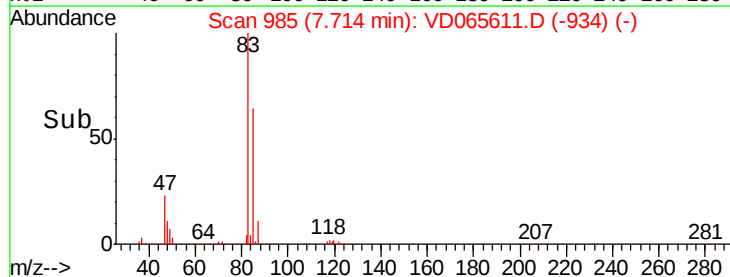
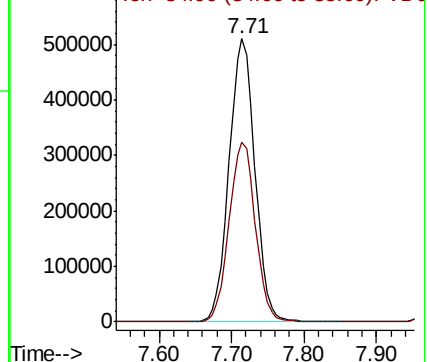
Ion Ratio Lower Upper

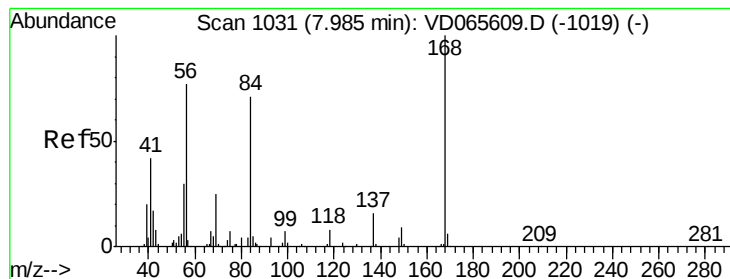
83 100

85 63.7 50.9 76.3



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





#31

Cyclohexane

Concen: 140.368 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :

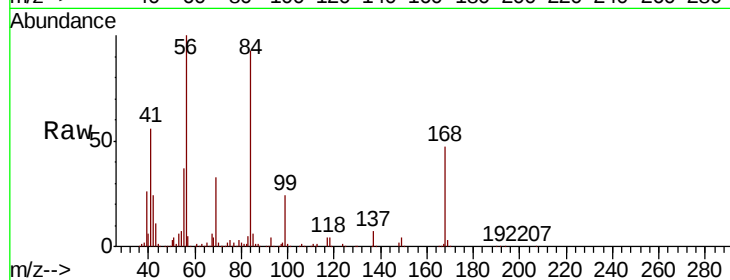
Tot Ion: 56 Resp: 1119564

Ion Ratio Lower Upper

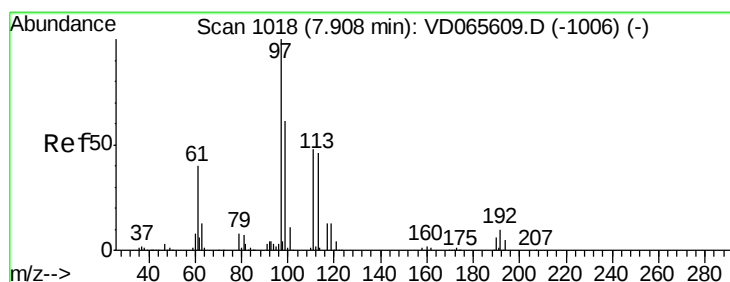
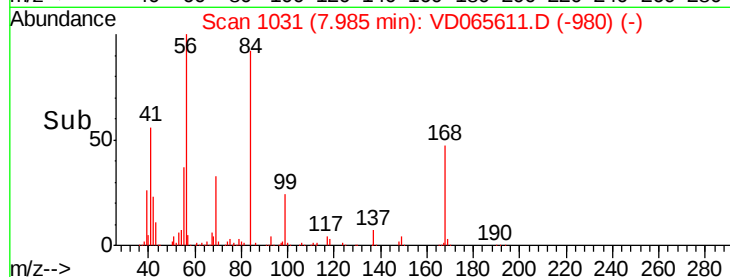
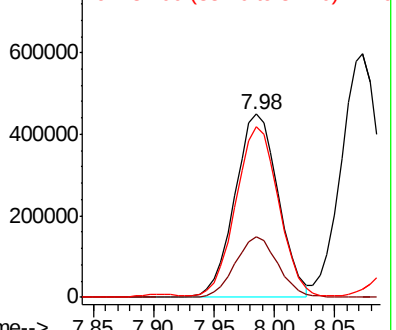
56 100

69 32.9 26.2 39.4

84 91.5 73.7 110.5



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



#32

1,1,1-Trichloroethane

Concen: 140.032 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

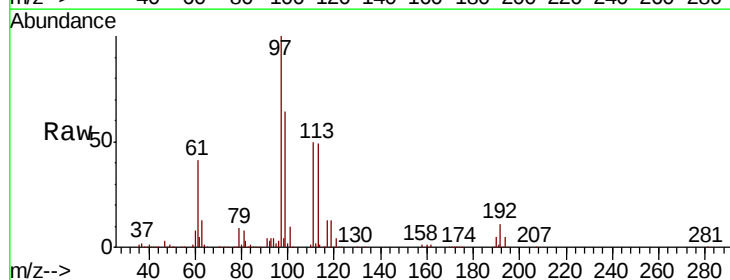
Tgt Ion: 97 Resp: 1139314

Ion Ratio Lower Upper

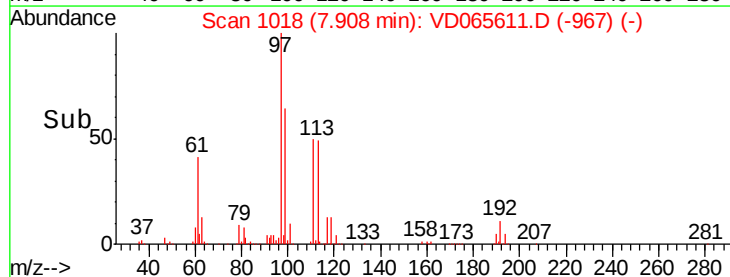
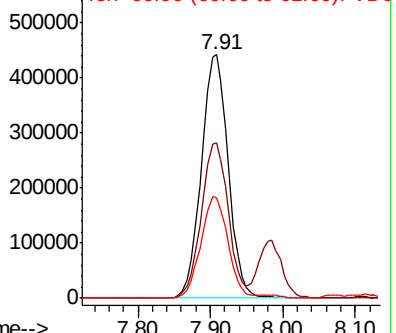
97 100

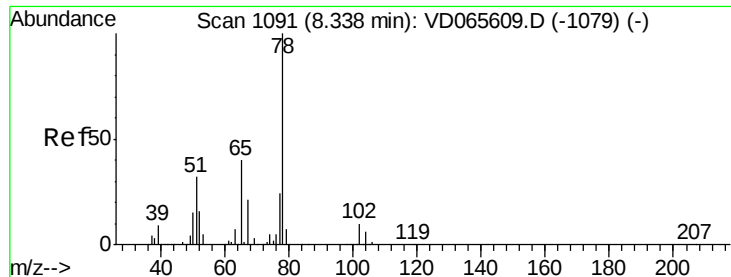
99 64.1 50.2 75.2

61 42.2 33.5 50.3



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: 139.928 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

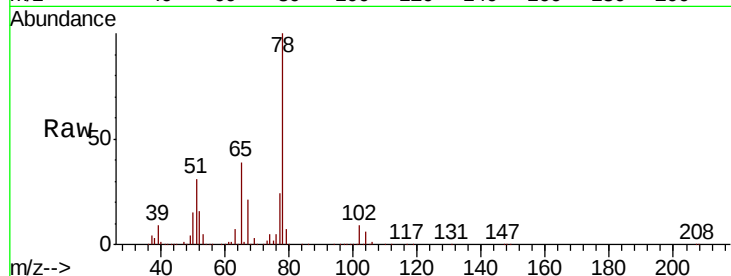
ClientSampleId :

Tot Ion: 65 Resp: 625630

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V

8.34

300000

250000

200000

150000

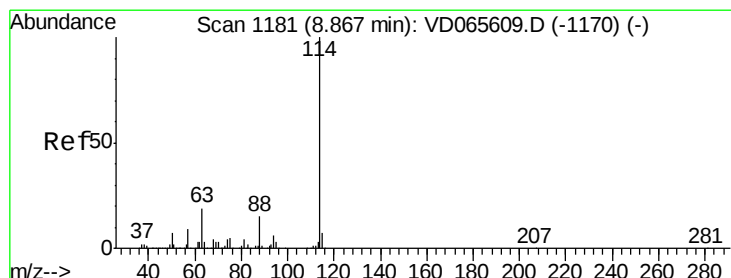
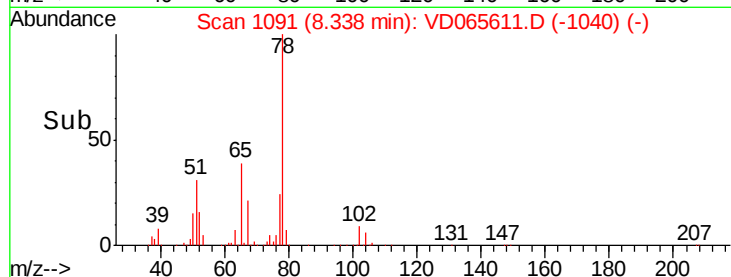
100000

50000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Tgt Ion:114 Resp: 651968

Ion Ratio Lower Upper

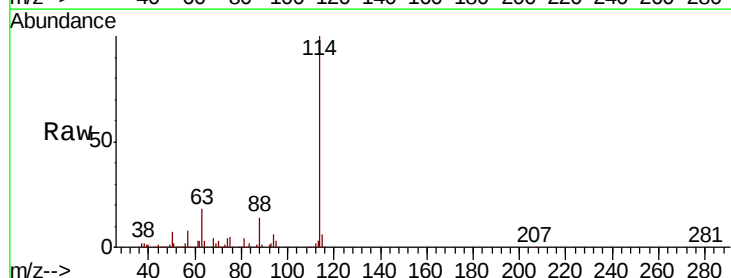
114 100

63 18.4

0.0 38.2

88 14.3

0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.87

400000

300000

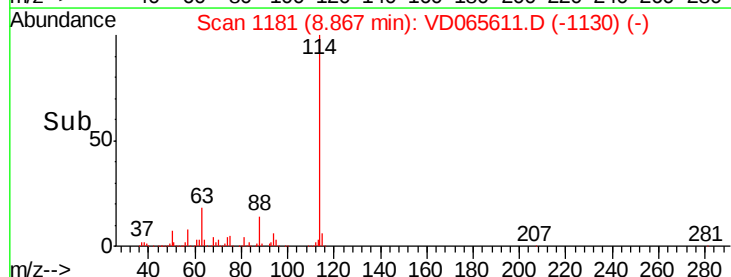
200000

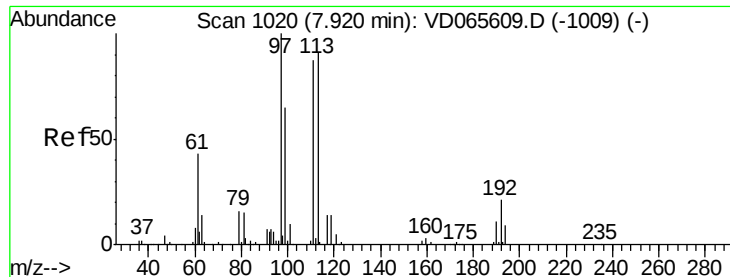
100000

0

8.80 8.90 9.00

Time-->

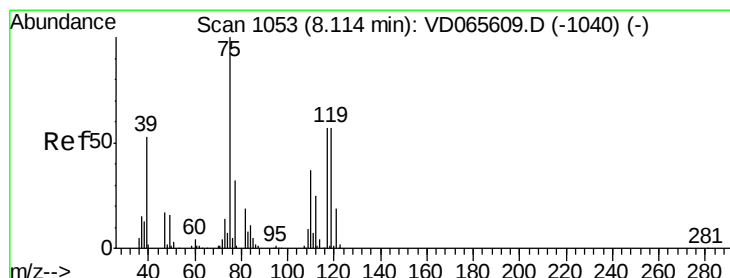
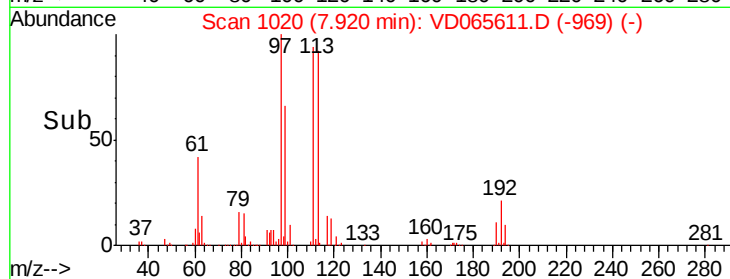
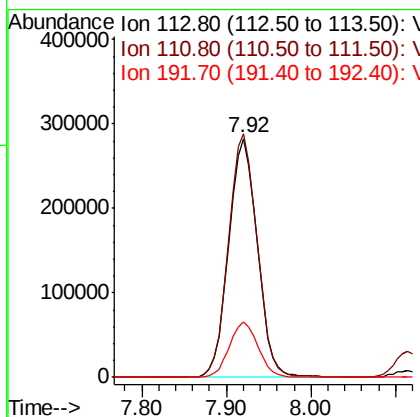
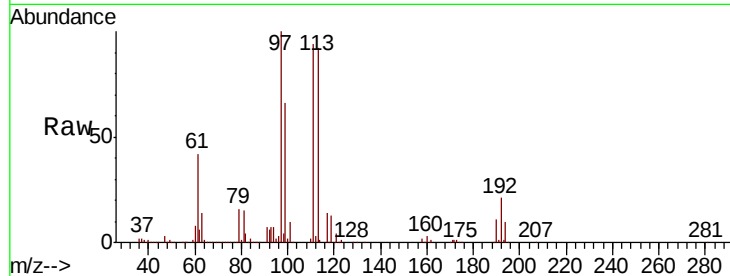




#35
 Dibromofluoromethane
 Concen: 145.178 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

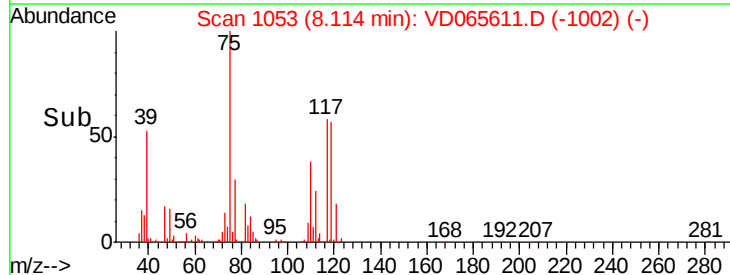
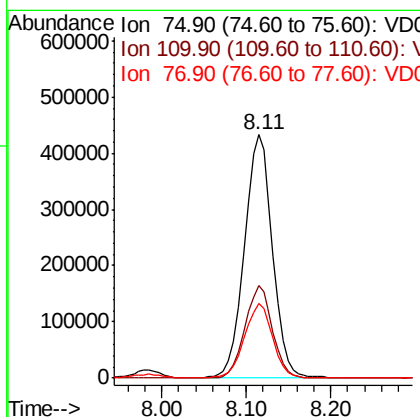
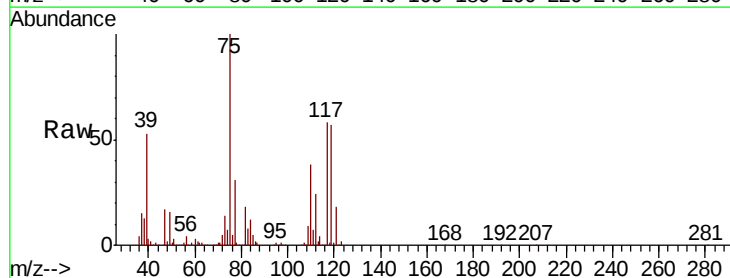
Instrument :
 MSVOA_D
 ClientSampleId :

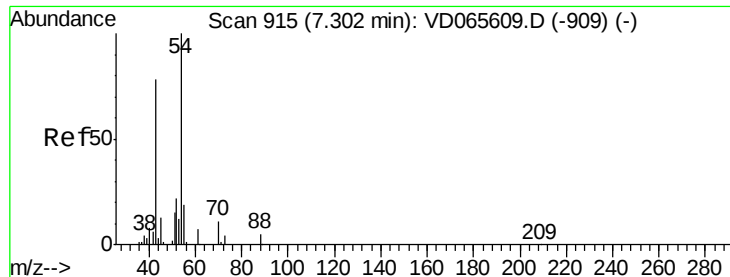
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.6	120.8
192	23.2	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 148.451 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.3	54.9
77	30.8	25.0	37.6

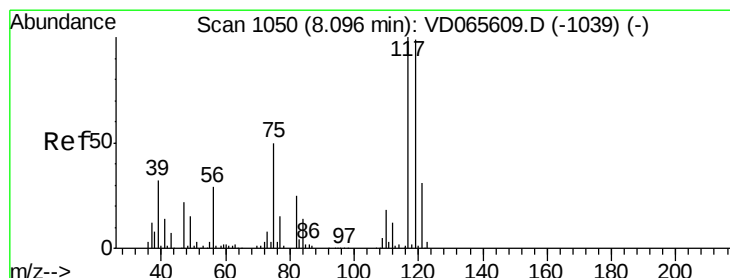
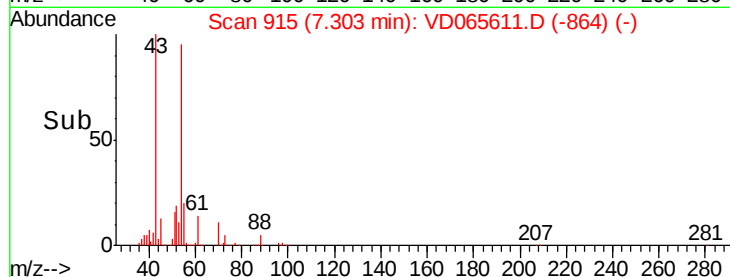
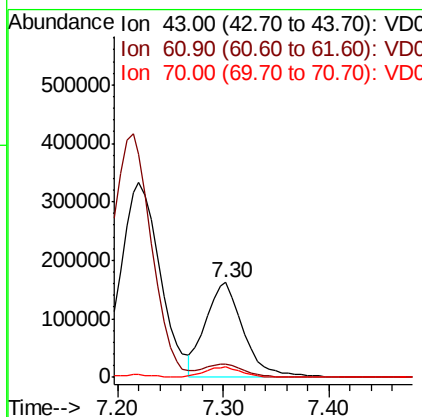
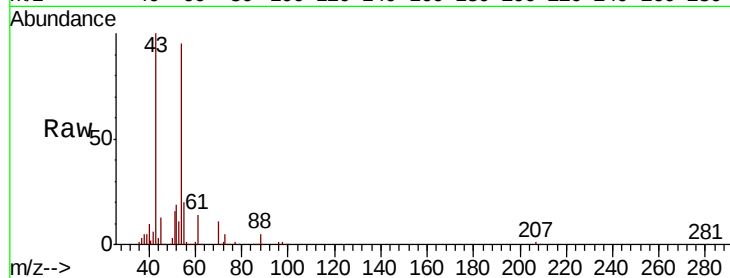




#37
Ethyl Acetate
Concen: 160.230 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

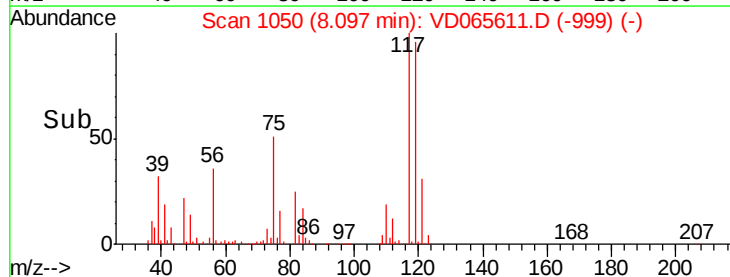
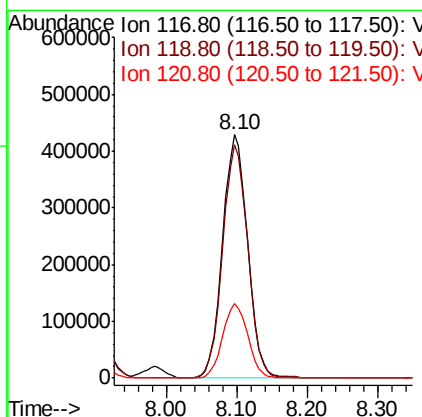
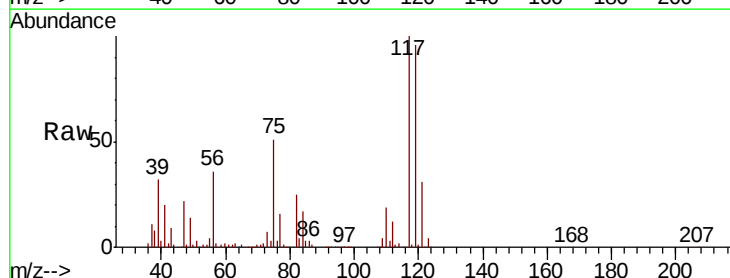
Instrument :
MSVOA_D
ClientSampleID :

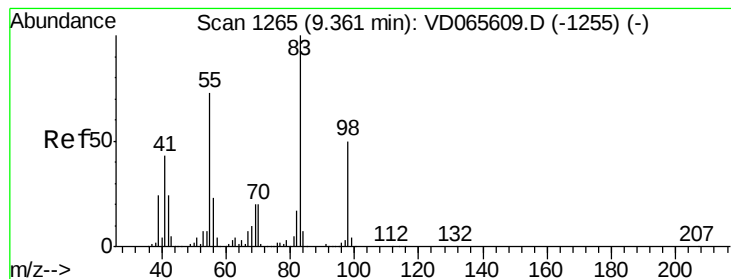
Tot Ion: 43 Resp: 399331
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 10.6 8.6 13.0



#38
Carbon Tetrachloride
Concen: 144.730 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion: 117 Resp: 1054845
Ion Ratio Lower Upper
117 100
119 96.1 78.9 118.3
121 30.7 24.6 37.0





#39

Methvlcvclohexane

Concen: 166.625 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.01 min

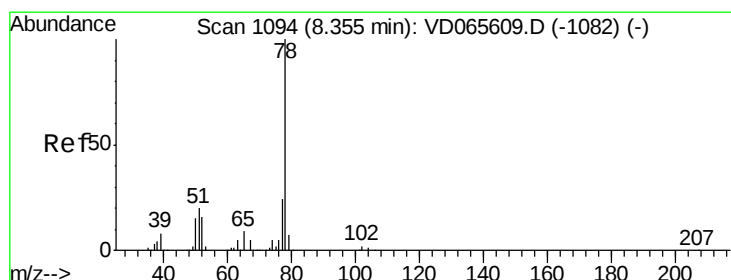
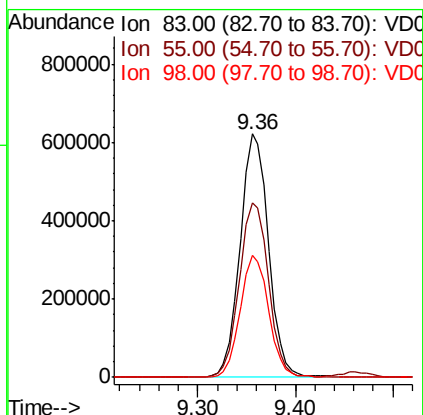
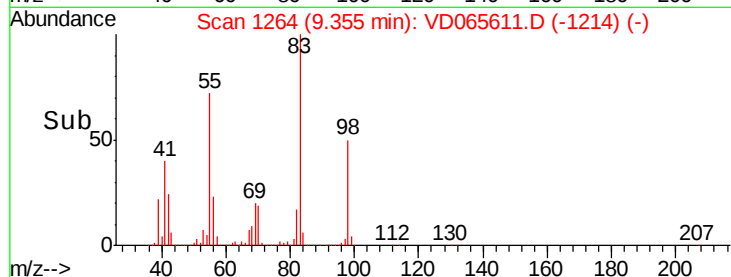
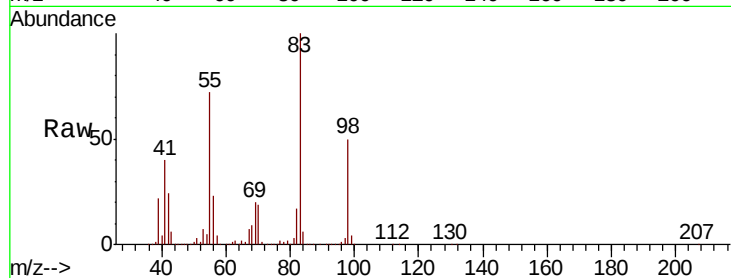
Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 83 Resp: 1266080

Ion	Ratio	Lower	Upper
83	100		
55	71.8	58.7	88.1
98	50.2	40.2	60.4



#40

Benzene

Concen: 150.690 ug/l

RT: 8.36 min Scan# 1094

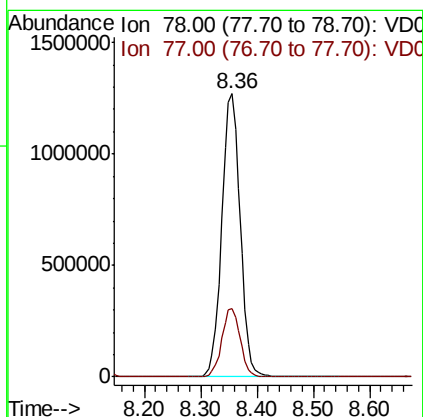
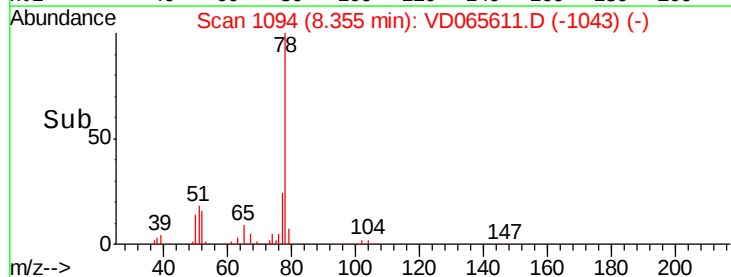
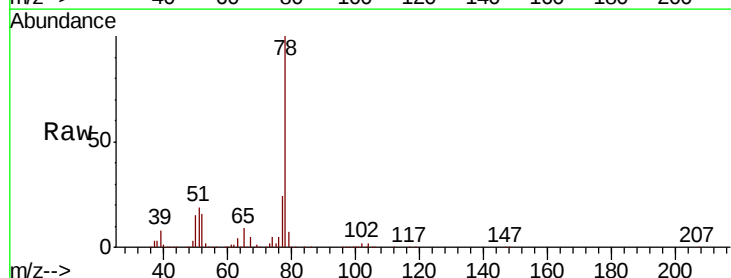
Delta R.T. 0.00 min

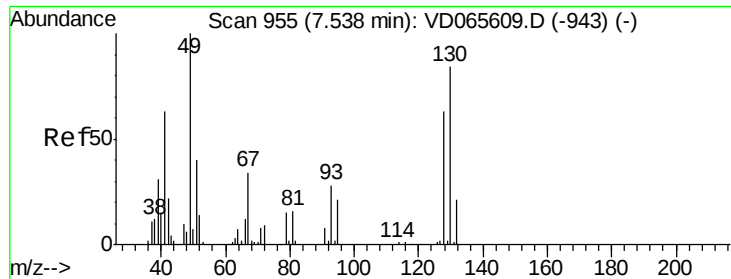
Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Tgt Ion: 78 Resp: 2889891

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0

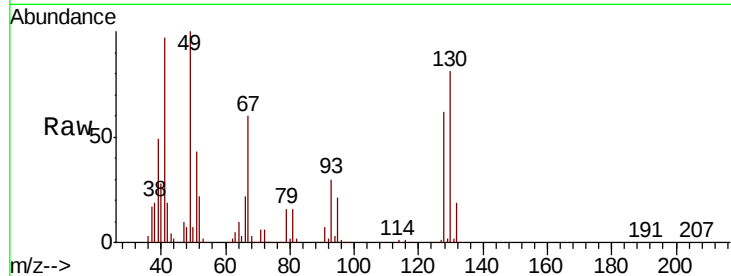




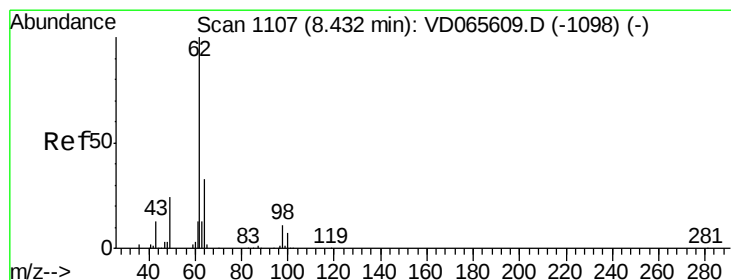
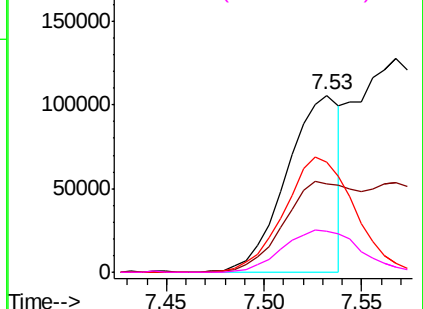
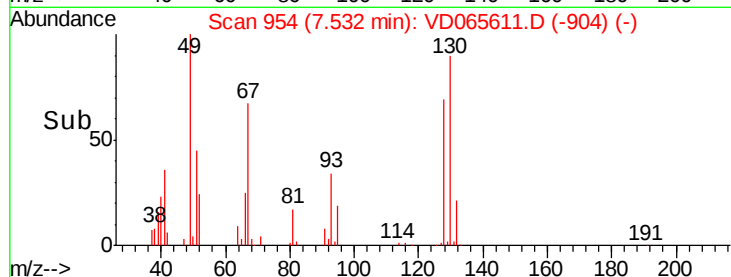
#41
Methacrylonitrile
Concen: 137.440 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	41	Resp:	200221
Ion	Ratio	Lower	Upper
41	100		
39	70.4	0.0	0.0#
67	87.0	0.0	0.0#
52	35.2	0.0	0.0#

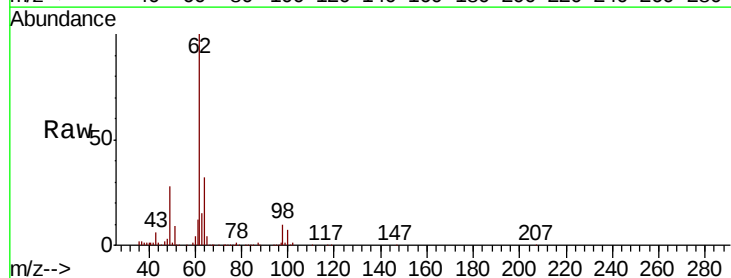


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

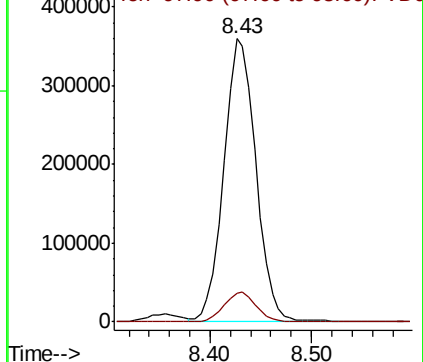
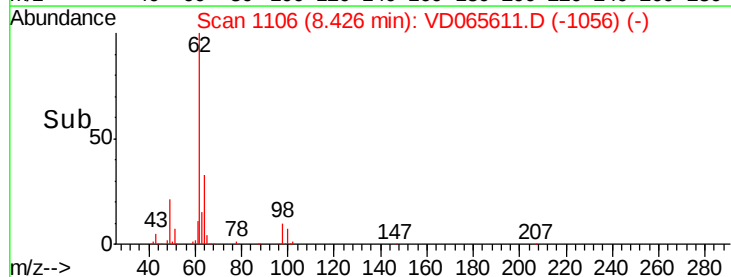


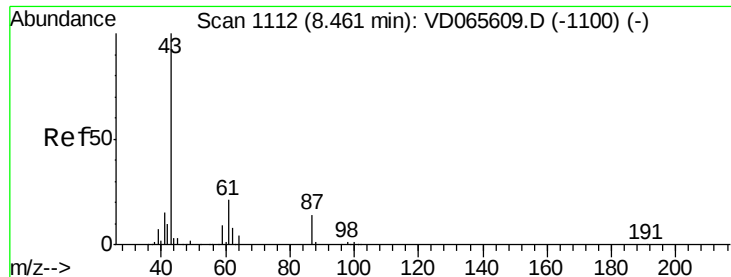
#42
1,2-Dichloroethane
Concen: 146.962 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion:	62	Resp:	787229
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 167.818 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

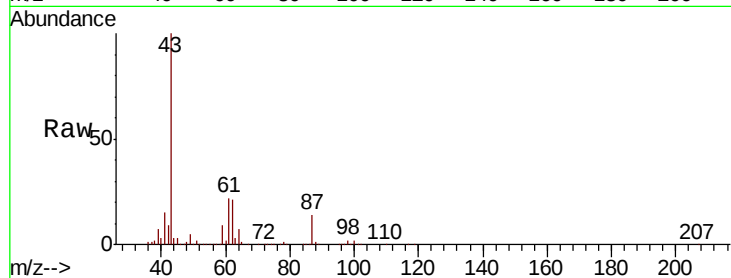
Tot Ion: 43 Resp: 763072

Ion Ratio Lower Upper

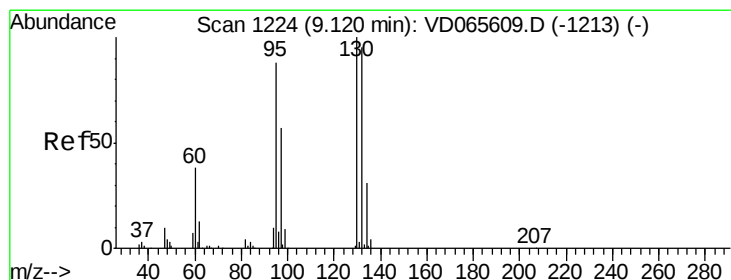
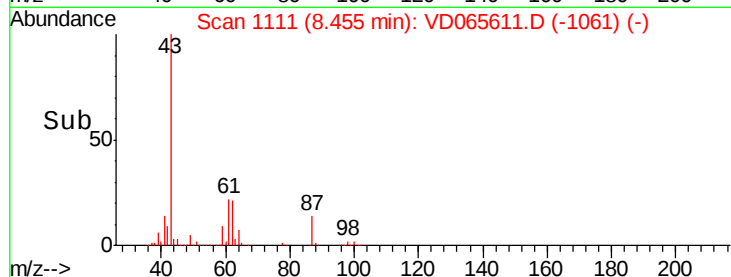
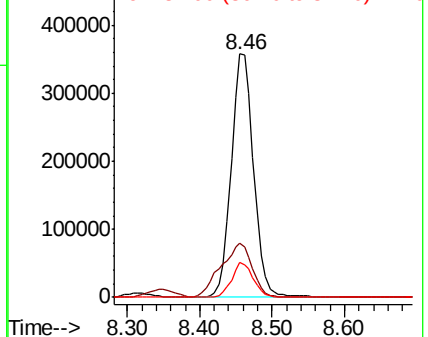
43 100

61 31.2 25.9 38.9

87 13.7 10.9 16.3



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: 147.914 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065611.D

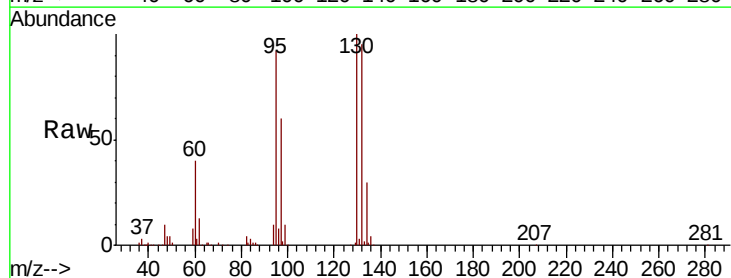
Acq: 09 Apr 2020 13:27

Tgt Ion:130 Resp: 815273

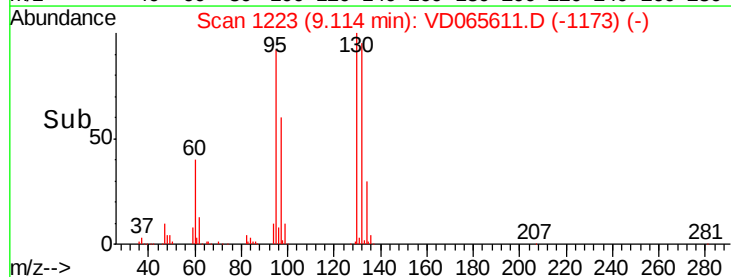
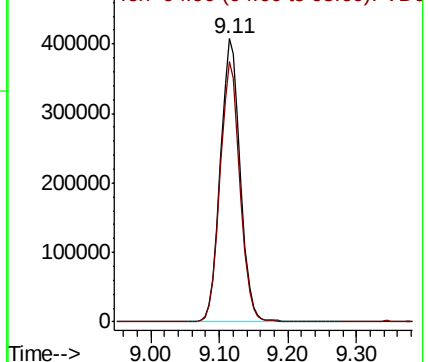
Ion Ratio Lower Upper

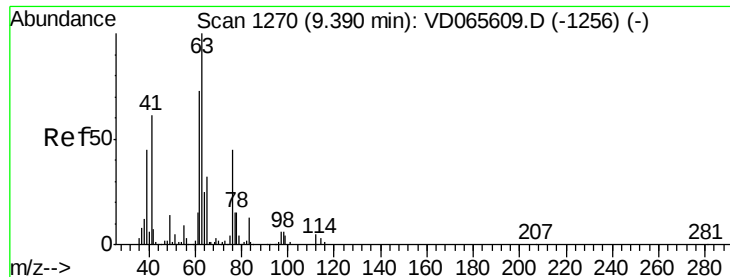
130 100

95 91.9 0.0 176.8



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

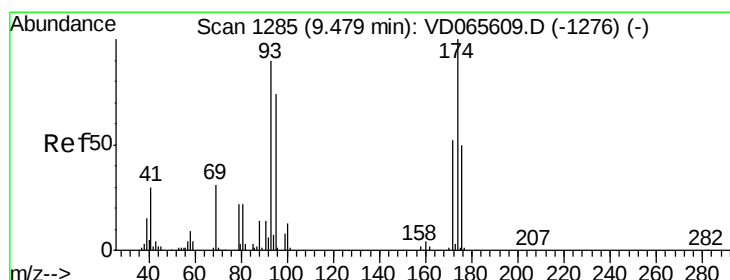
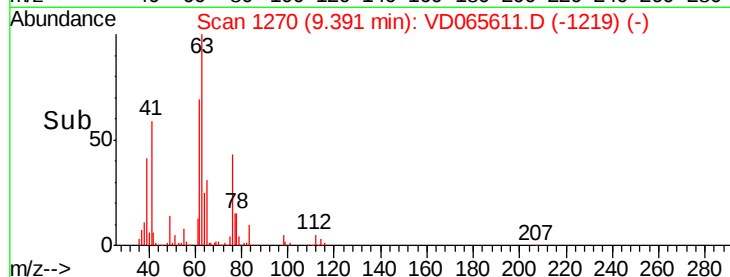
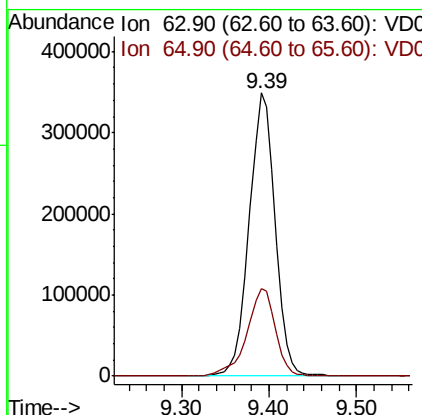
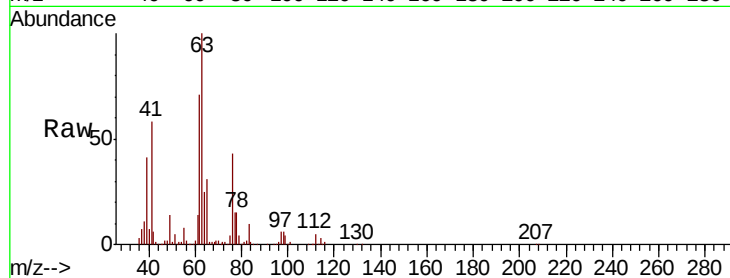




#45
 1,2-Dichloropropane
 Concen: 150.102 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

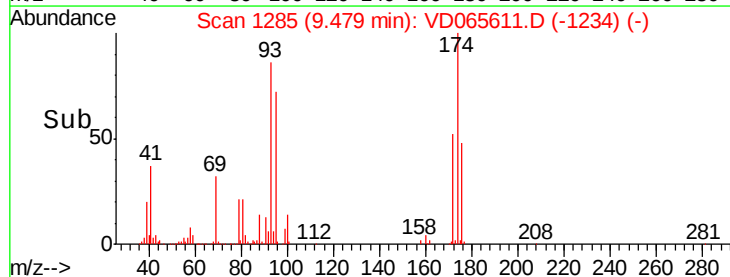
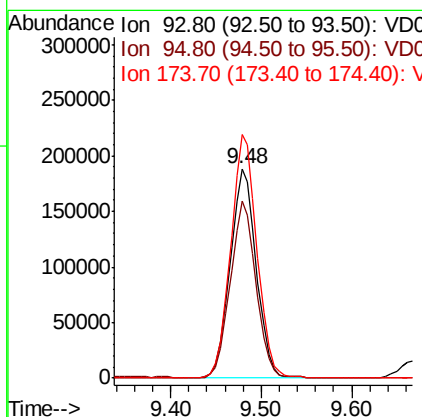
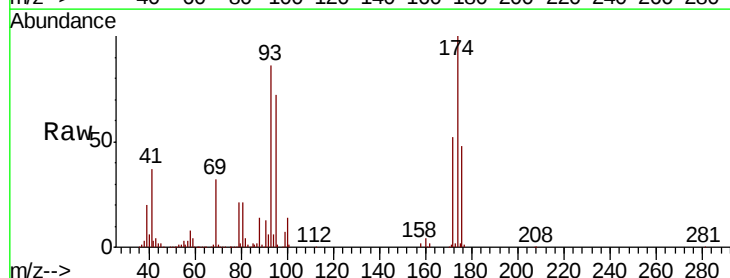
Instrument :
 MSVOA_D
 ClientSampleId :

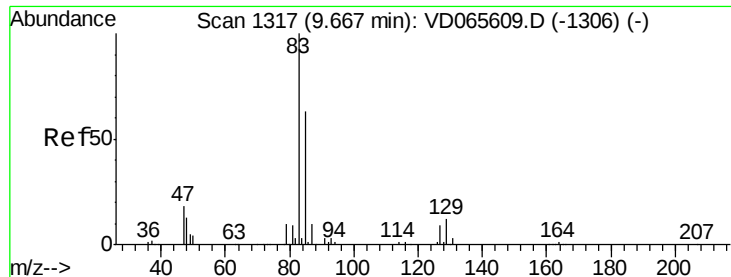
Tot Ion: 63 Resp: 700944
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.3 37.9



#46
 Dibromomethane
 Concen: 150.605 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion: 93 Resp: 378029
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.5 99.7
 174 116.3 91.5 137.3



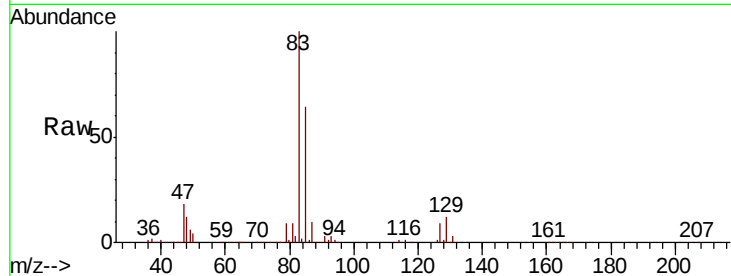


#47

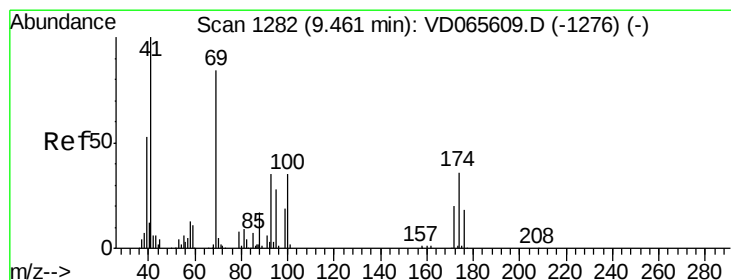
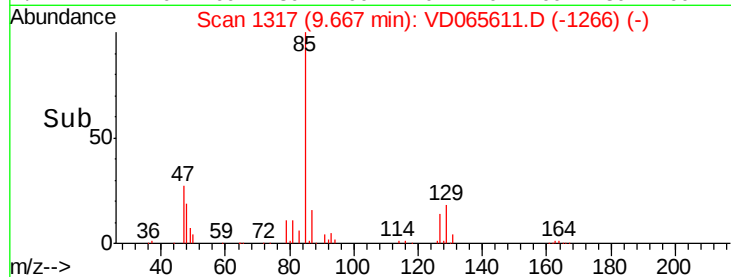
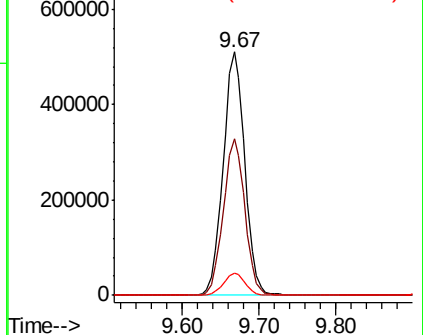
Bromodichloromethane
Concen: 151.059 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	83	Resp	994305
Ion Ratio	100		
Lower	50.7		
Upper	76.1		
85	64.3		
127	9.3		



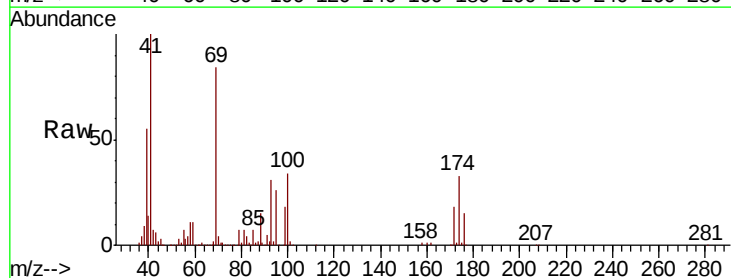
Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



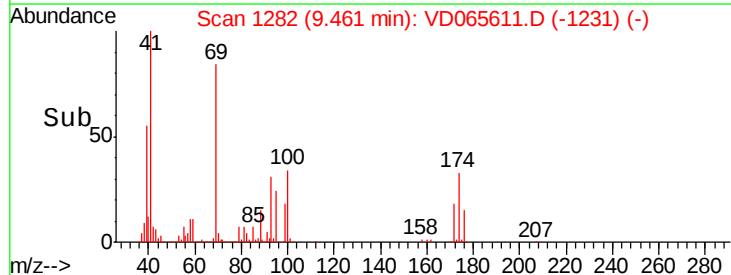
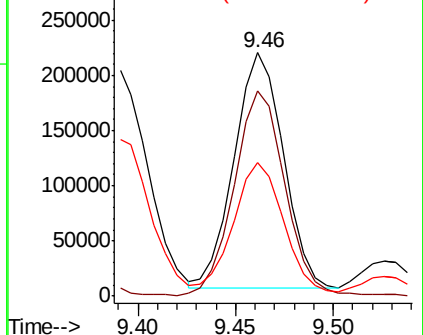
#48

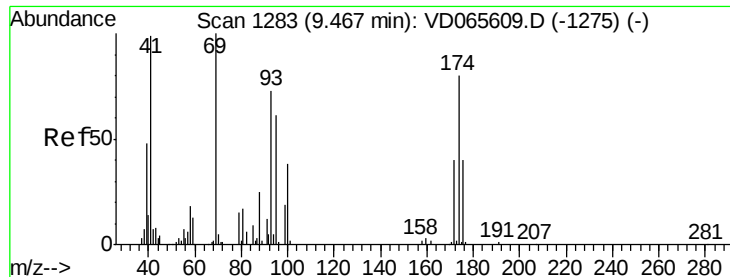
Methyl methacrylate
Concen: 175.517 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion	41	Resp	370148
Ion Ratio	100		
Lower	72.4		
Upper	108.6		
69	91.2		
39	54.8		



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

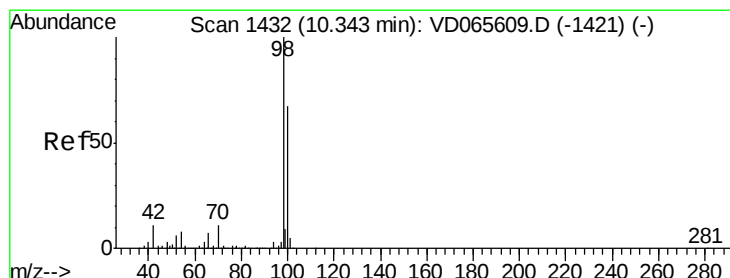
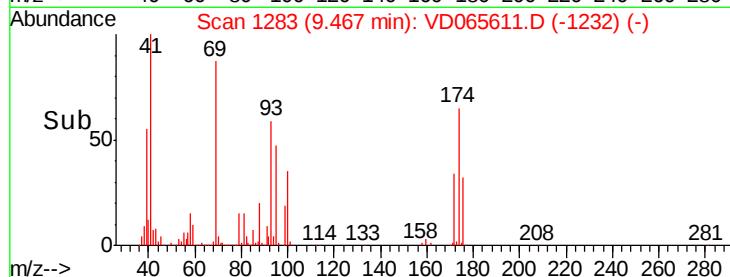
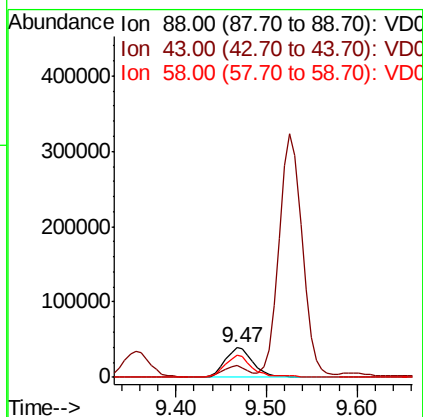
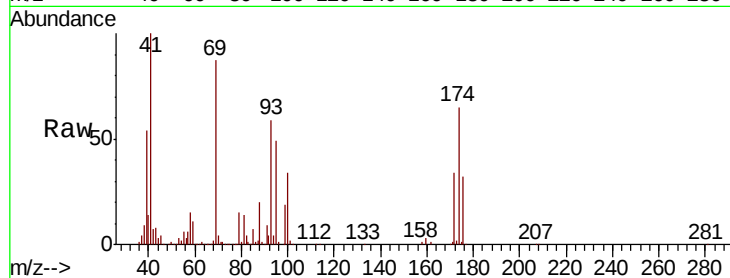




#49
1,4-Dioxane
Concen: 3208.543 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

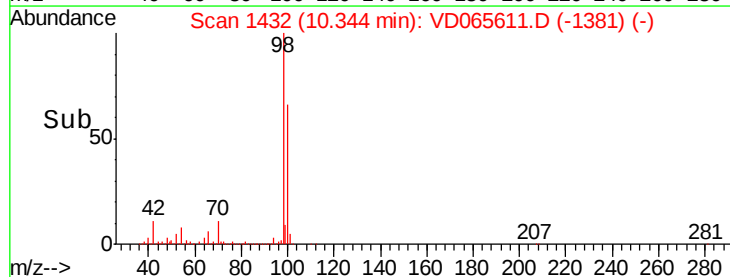
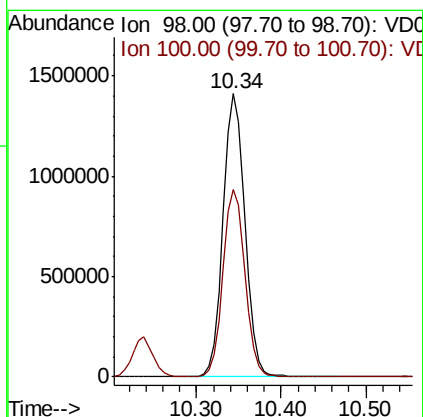
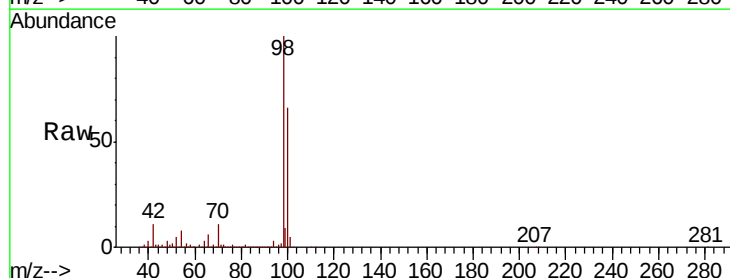
Instrument :
MSVOA_D
ClientSampleId :

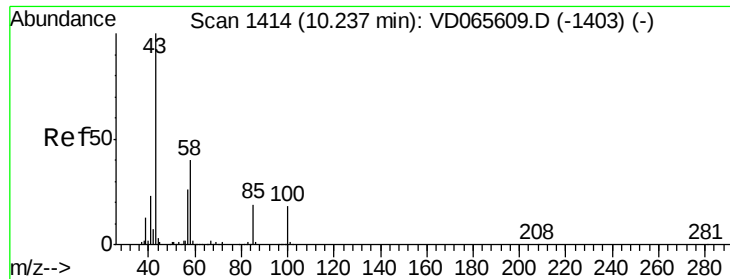
Tot Ion: 88 Resp: 85294
Ion Ratio Lower Upper
88 100
43 32.6 29.8 44.8
58 67.9 57.7 86.5



#50
Toluene-d8
Concen: 152.127 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion: 98 Resp: 2530334
Ion Ratio Lower Upper
98 100
100 66.5 52.6 79.0

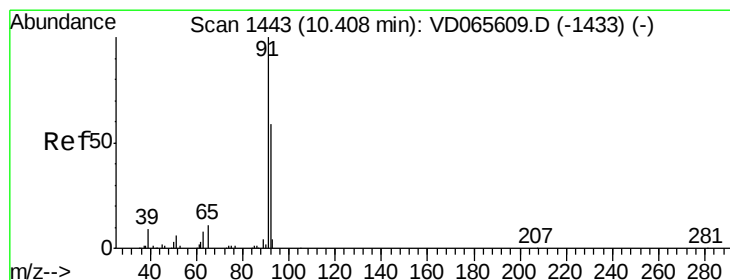
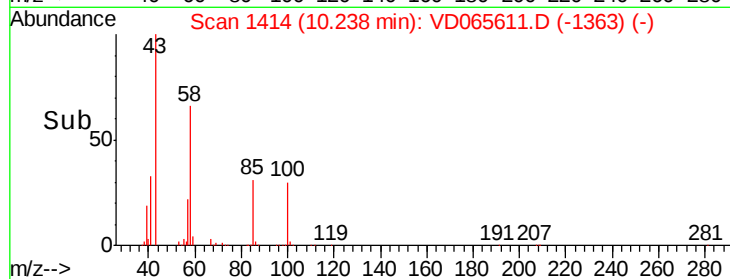
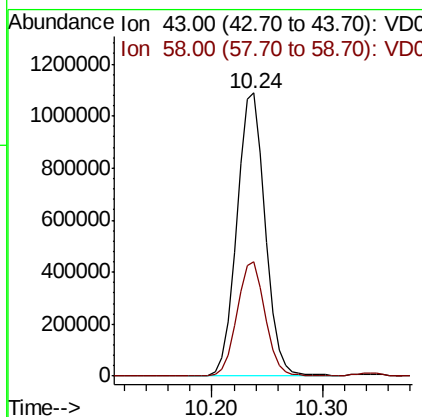
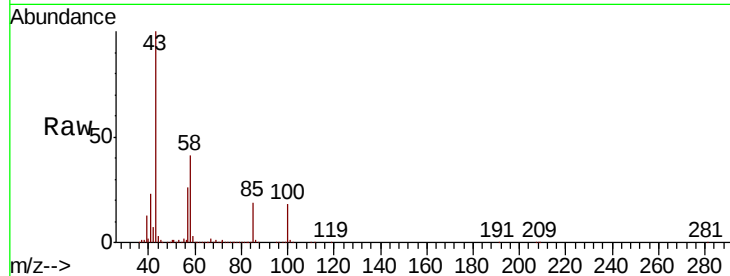




#51
 4-Methyl-2-Pentanone
 Concen: 838.516 ug/l
 RT: 10.24 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

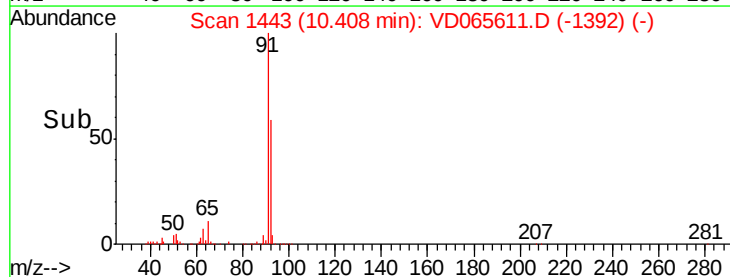
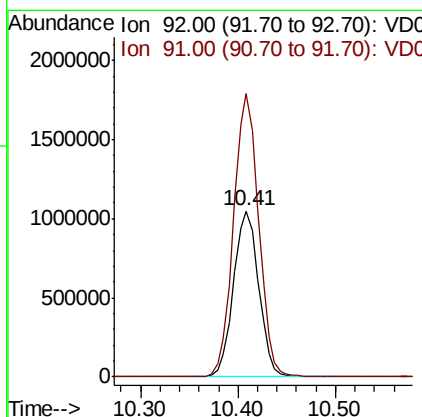
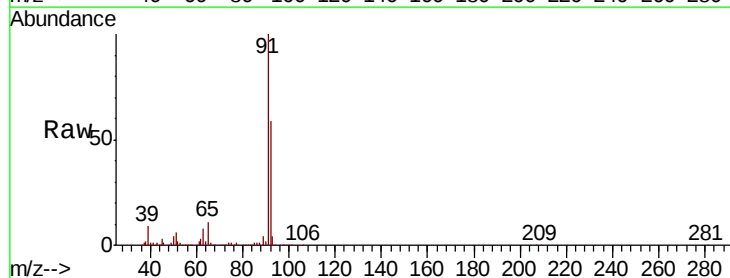
Instrument :
 MSVOA_D
 ClientSampled :

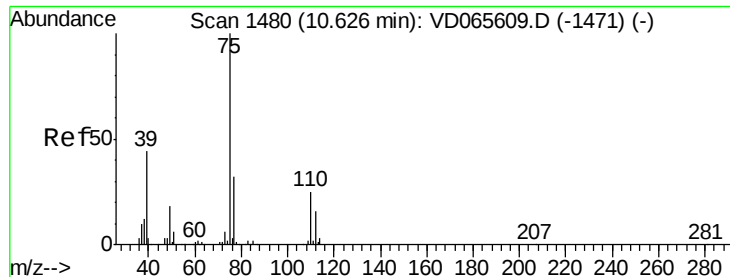
Tot Ion: 43 Resp: 1964857
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.4 47.2



#52
 Toluene
 Concen: 155.482 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion: 92 Resp: 1885318
 Ion Ratio Lower Upper
 92 100
 91 169.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 164.763 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

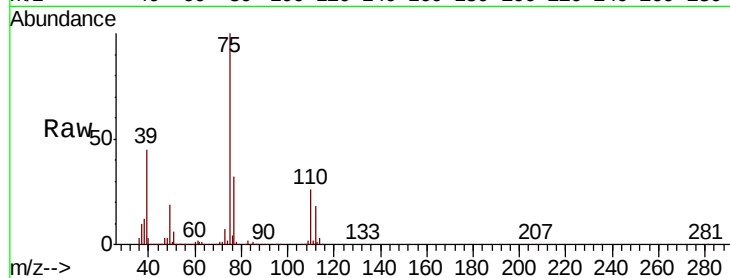
ClientSampleId :

Tot Ion: 75 Resp: 962587

Ion Ratio Lower Upper

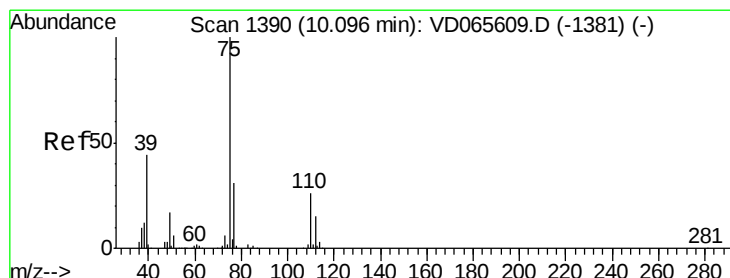
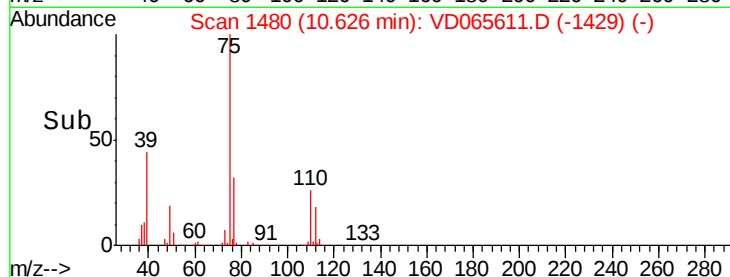
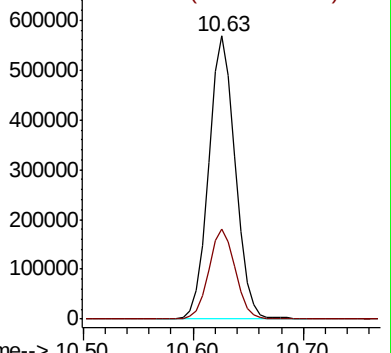
75 100

77 31.9 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 161.761 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

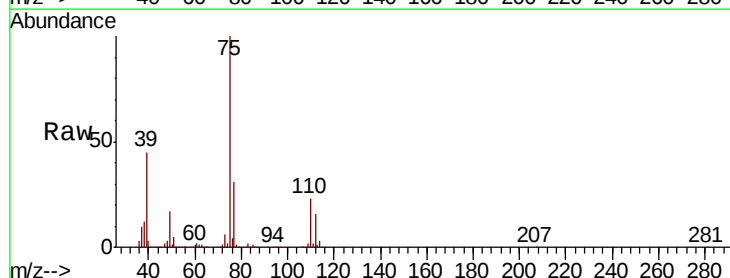
Tgt Ion: 75 Resp: 1157117

Ion Ratio Lower Upper

75 100

77 31.1 24.5 36.7

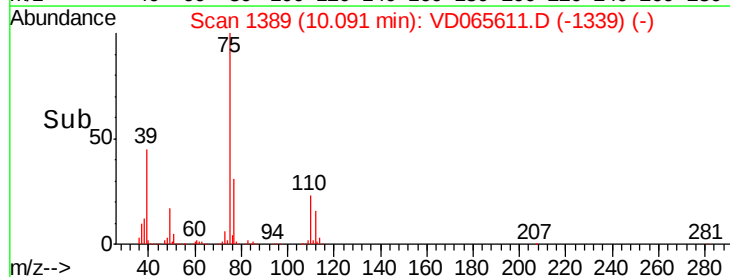
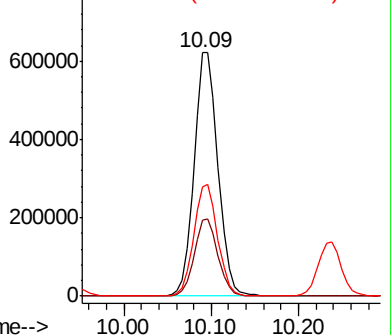
39 44.9 35.5 53.3

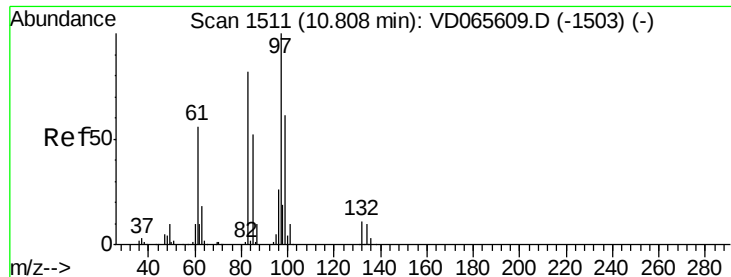


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

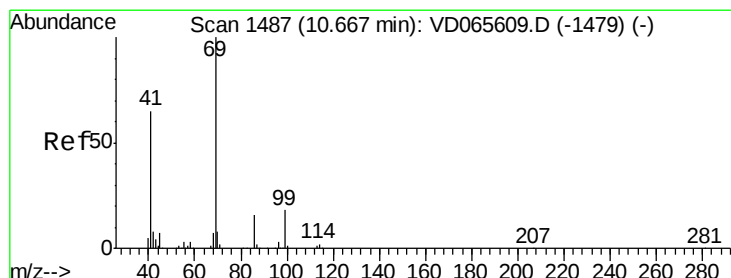
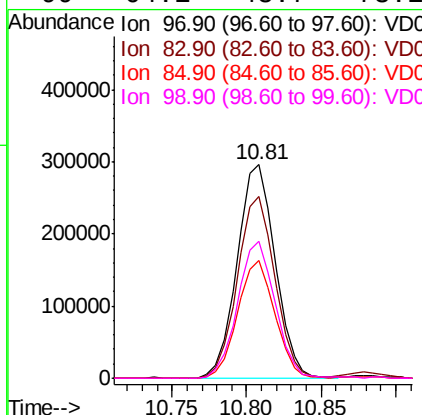
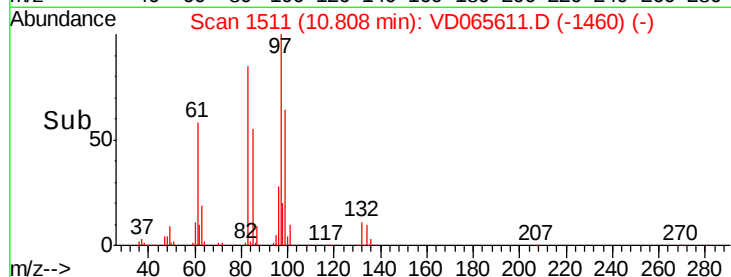
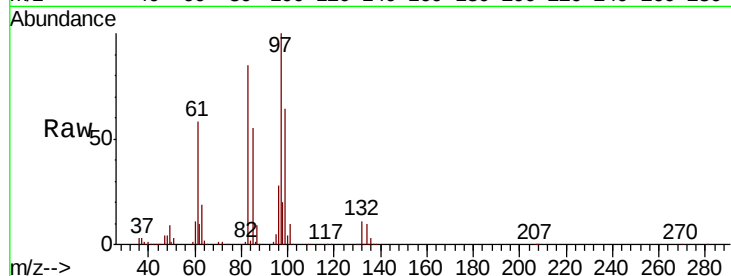




#55
 1,1,2-Trichloroethane
 Concen: 148.754 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

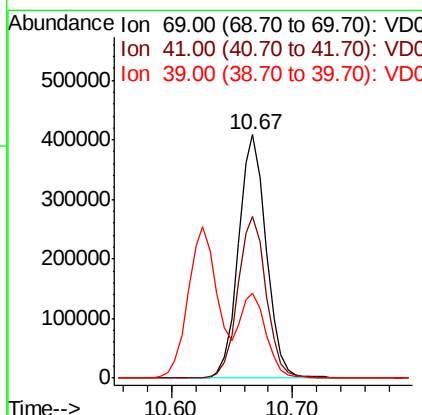
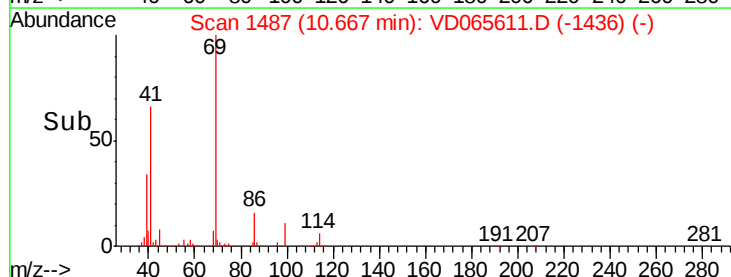
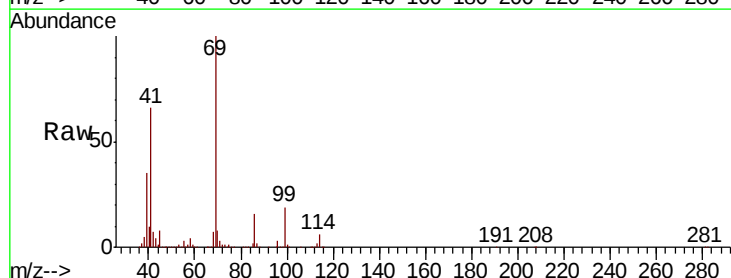
Instrument :
 MSVOA_D
 ClientSampleId :

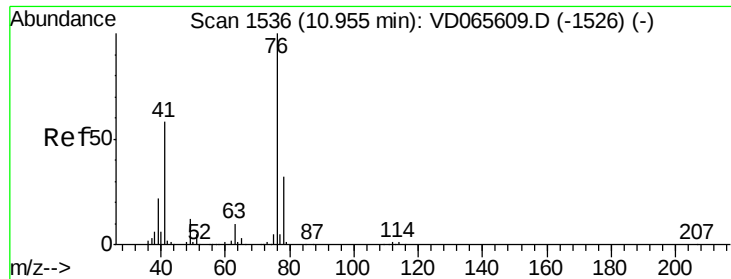
Tot Ion:	97	Resp:	523973
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.7	98.5
85	55.1	41.6	62.4
99	64.1	48.7	73.1



#56
 Ethyl methacrylate
 Concen: 184.821 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion:	69	Resp:	656592
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.4	81.6
39	32.9	26.5	39.7





#57

1,3-Dichloropropane

Concen: 155.334 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

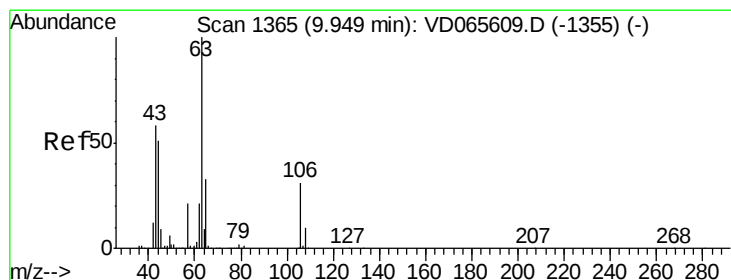
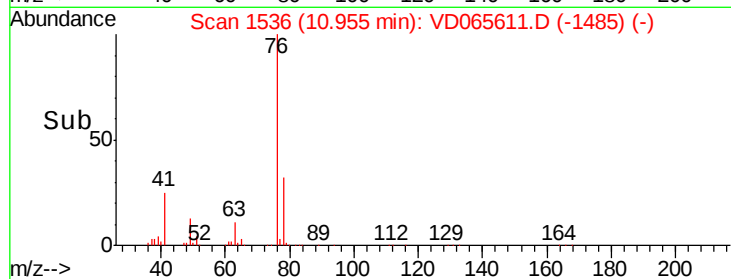
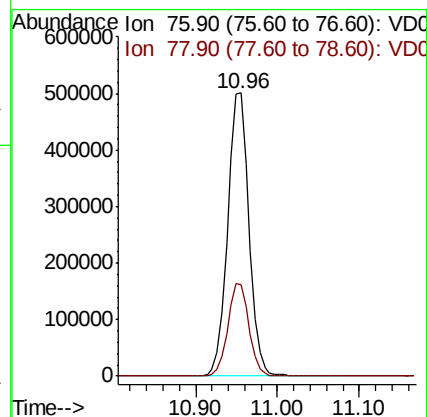
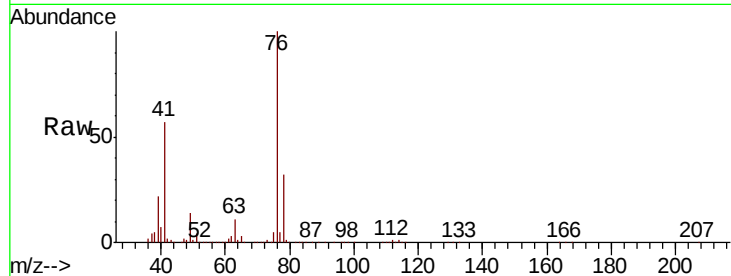
ClientSampled :

Tot Ion: 76 Resp: 906271

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 865.928 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065611.D

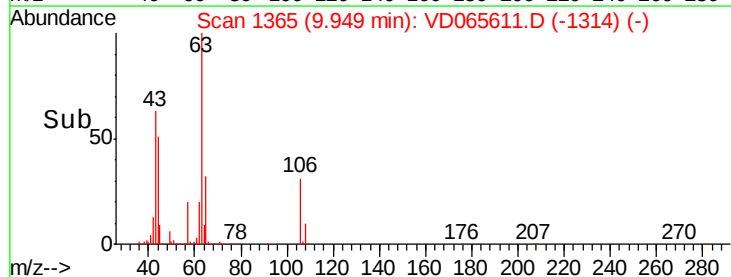
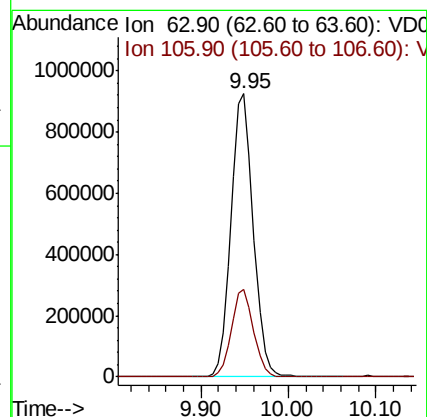
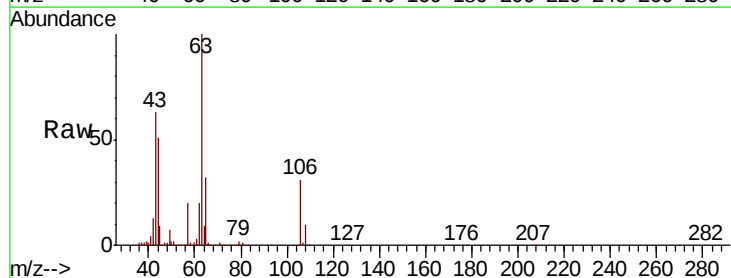
Acq: 09 Apr 2020 13:27

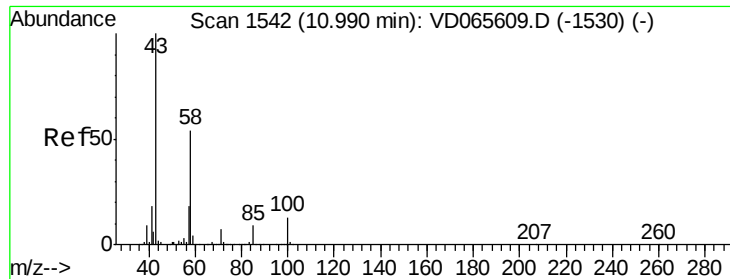
Tgt Ion: 63 Resp: 1615509

Ion Ratio Lower Upper

63 100

106 30.6 24.2 36.2

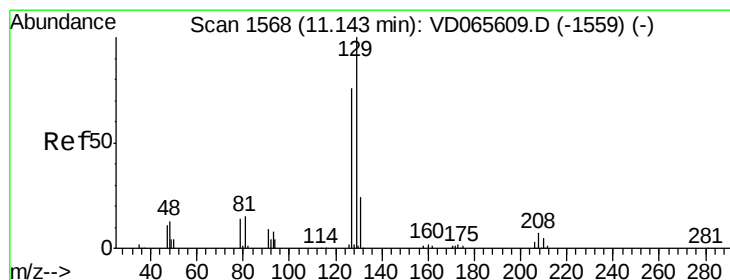
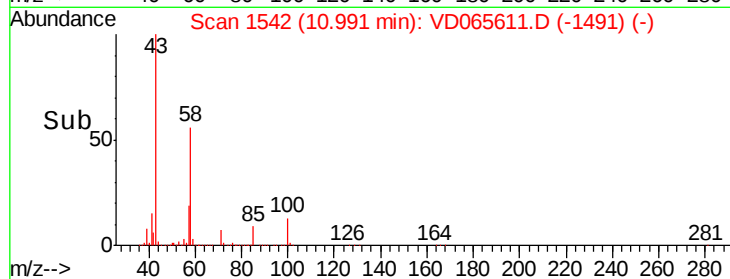
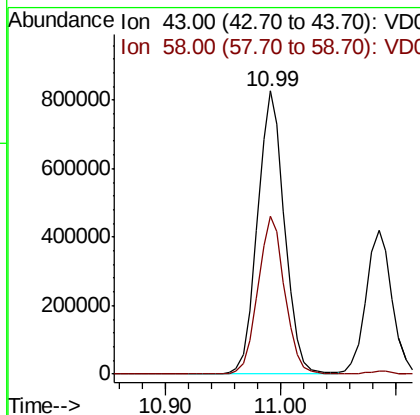
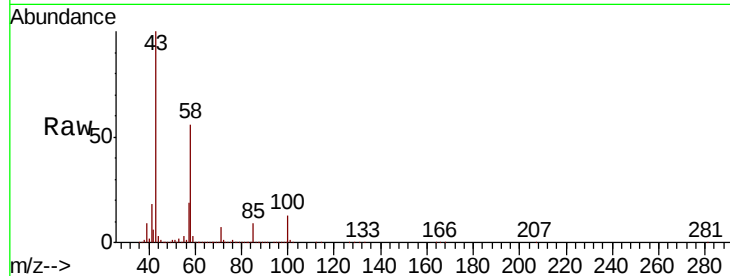




#59
2-Hexanone
Concen: 863.905 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

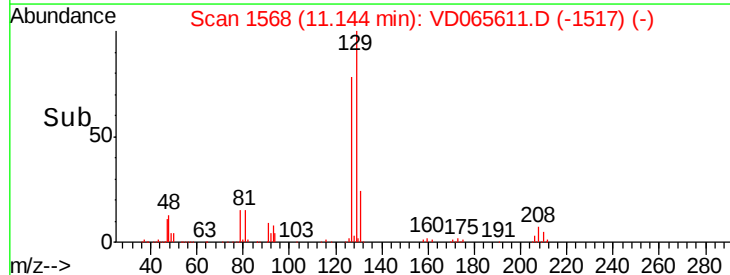
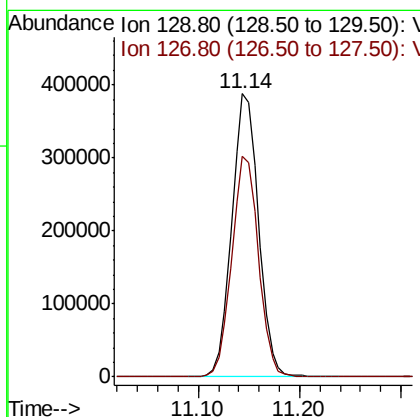
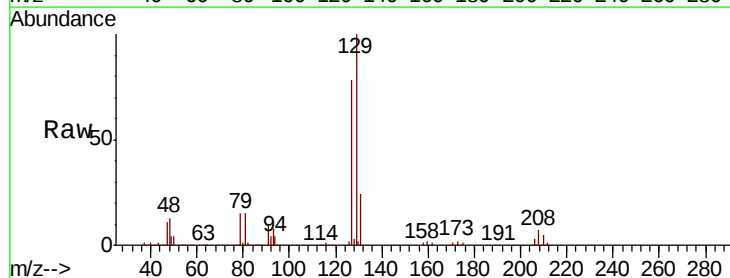
Instrument :
MSVOA_D
ClientSampled :

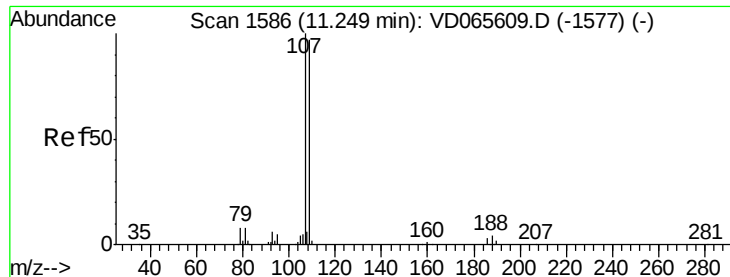
Tot Ion: 43 Resp: 1345346
Ion Ratio Lower Upper
43 100
58 55.5 27.1 81.3



#60
Dibromochloromethane
Concen: 151.637 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion: 129 Resp: 711365
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.3

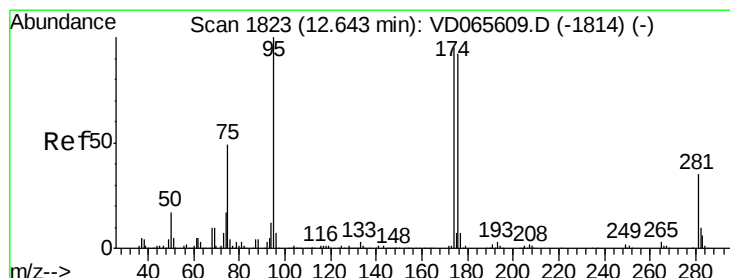
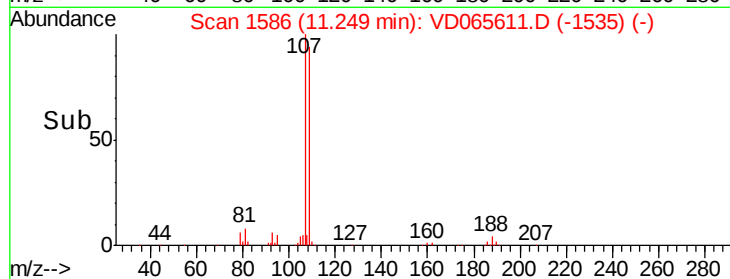
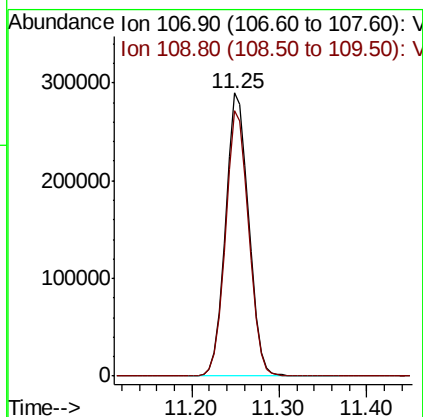
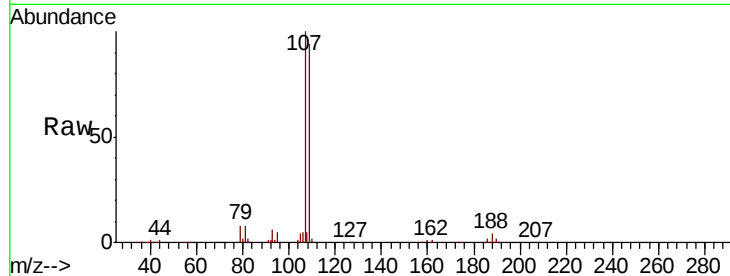




#61
 1,2-Dibromoethane
 Concen: 155.102 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

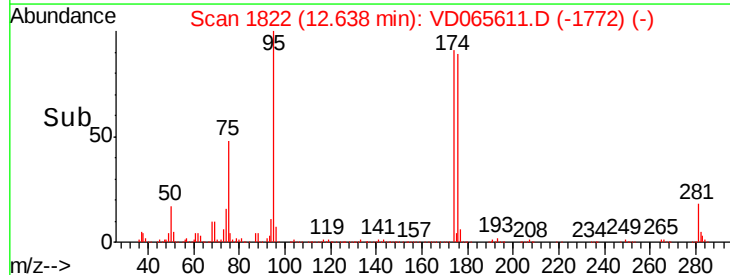
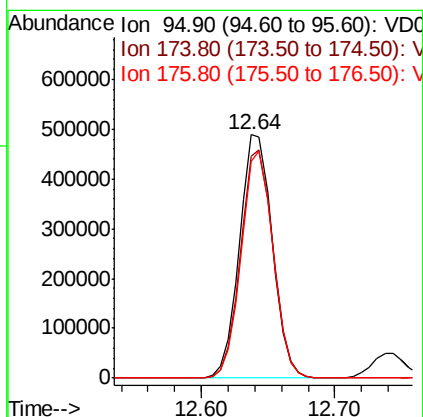
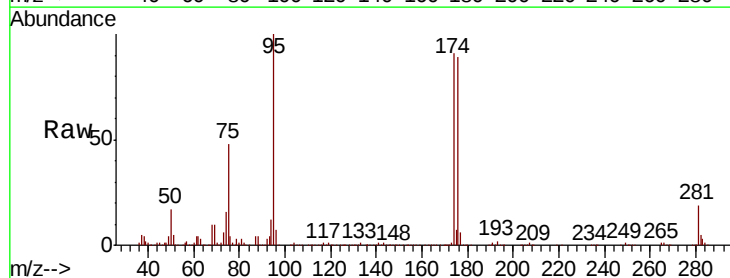
Instrument :
 MSVOA_D
 ClientSampleId :

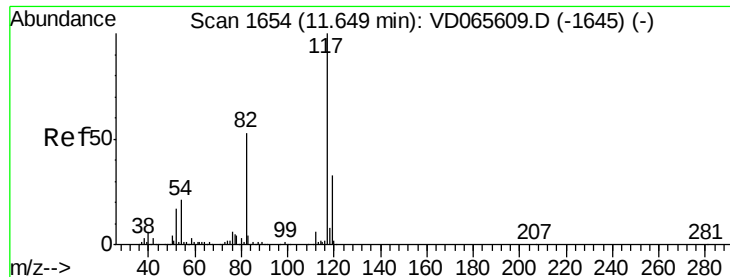
Tot Ion: 107 Resp: 519333
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 155.250 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion: 95 Resp: 829793
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 182.8
 176 90.7 0.0 176.6

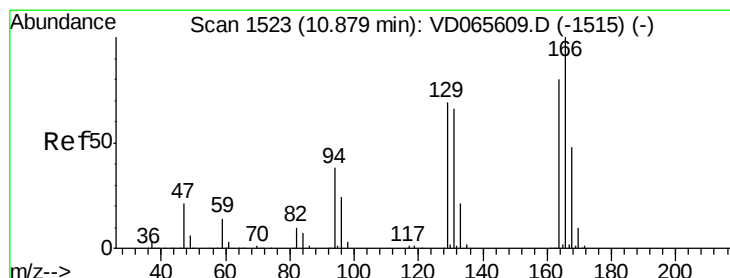
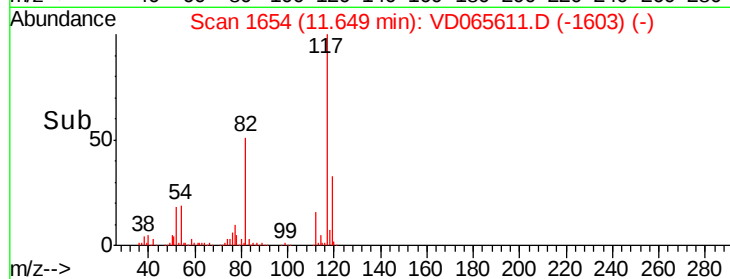
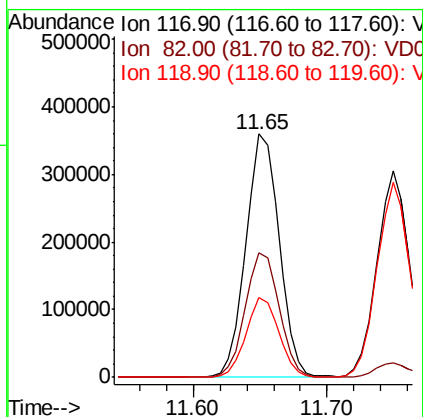
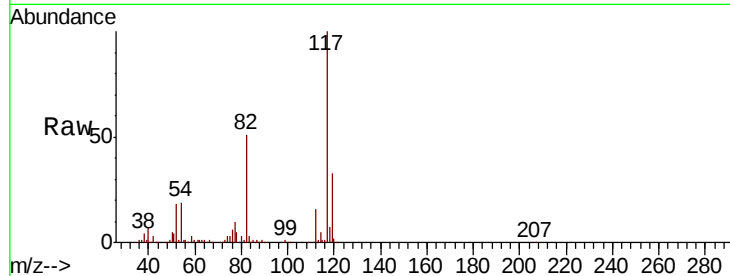




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

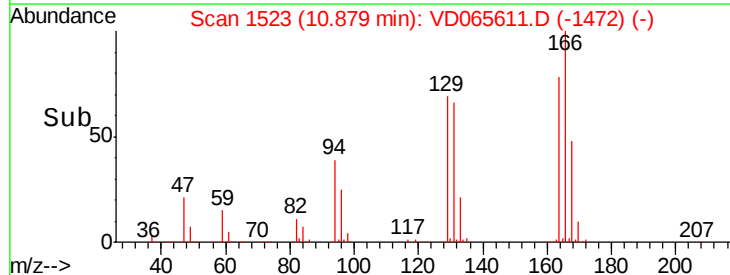
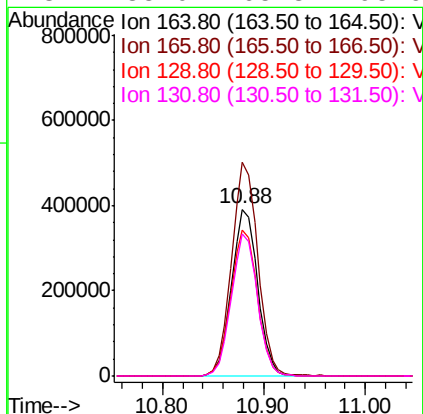
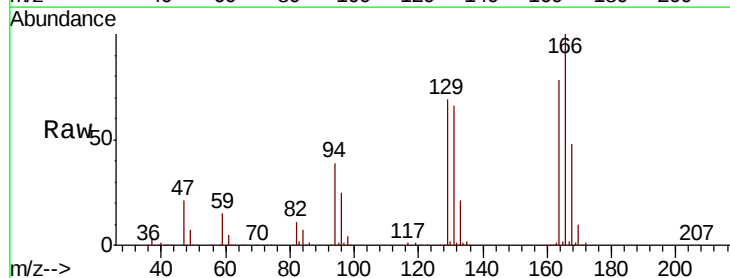
Instrument :
MSVOA_D
ClientSampleId :

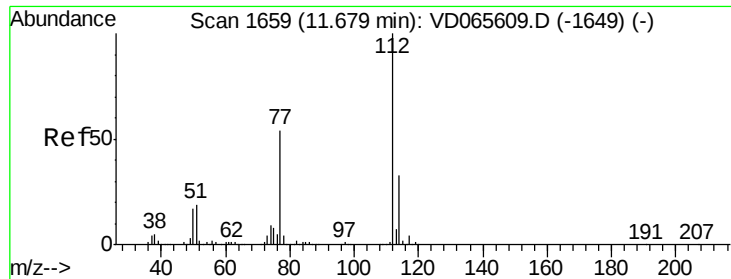
Tot Ion:117 Resp: 622160
Ion Ratio Lower Upper
117 100
82 51.2 42.6 64.0
119 32.6 26.7 40.1



#64
Tetrachloroethene
Concen: 141.782 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion:164 Resp: 701641
Ion Ratio Lower Upper
164 100
166 128.1 100.2 150.2
129 87.9 69.5 104.3
131 85.0 65.8 98.6

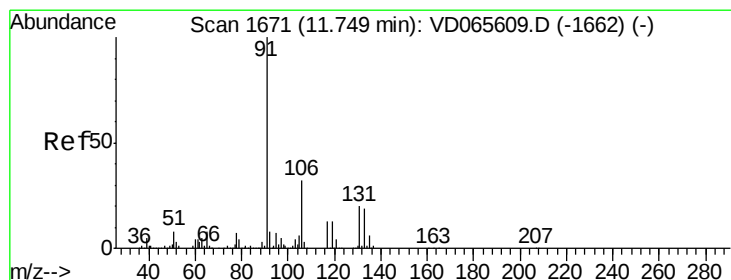
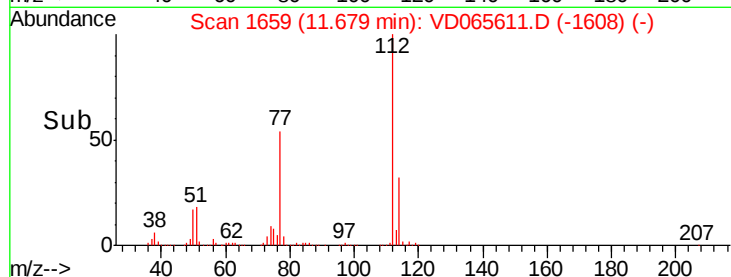
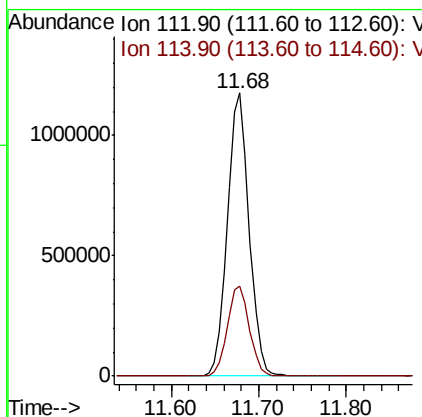
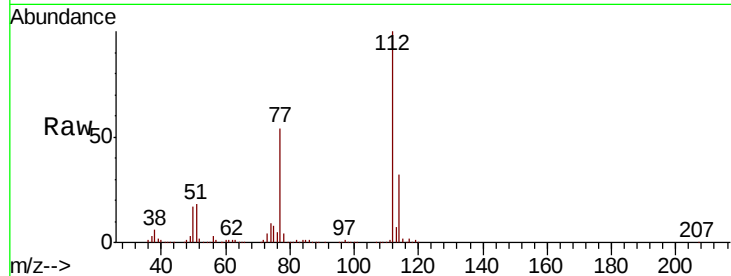




#65
Chlorobenzene
Concen: 148.281 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

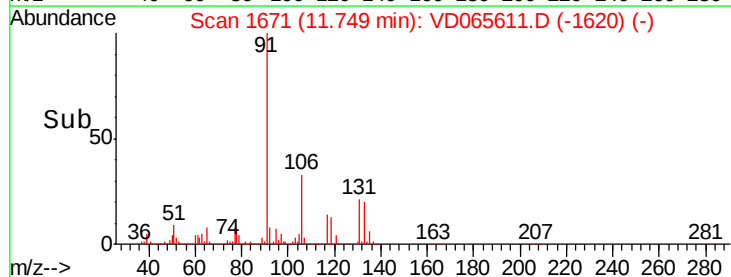
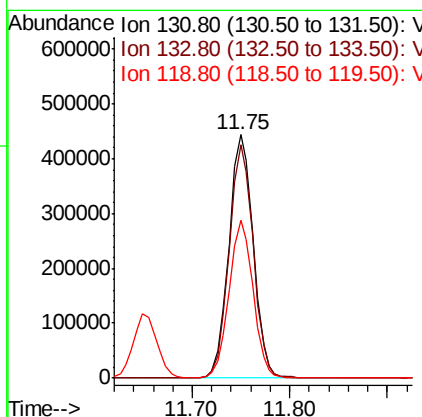
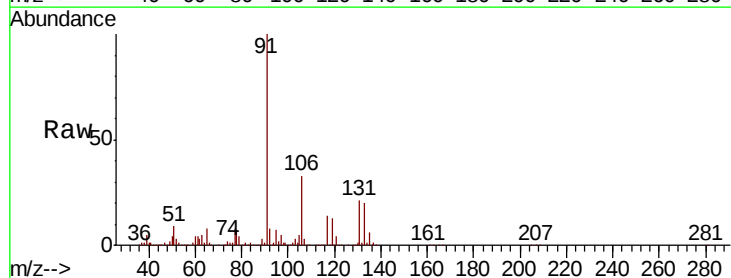
Instrument :
MSVOA_D
ClientSampled :

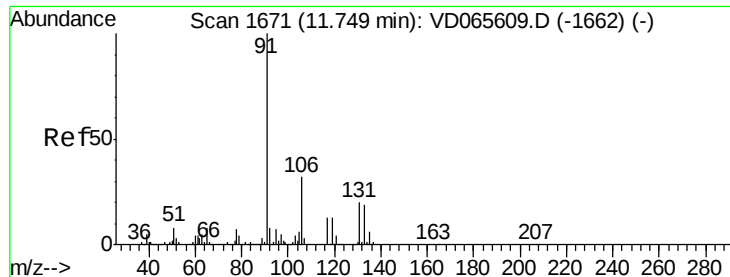
Tot Ion:112 Resp: 1997961
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 149.736 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion:131 Resp: 768584
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 63.9 31.9 95.9





#67

Ethyl Benzene

Concen: 159.302 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

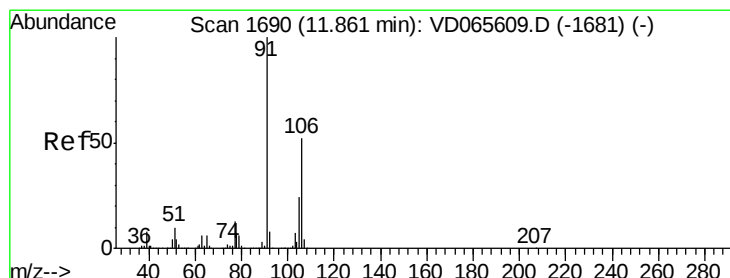
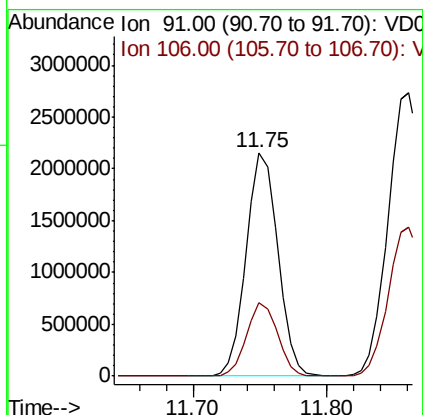
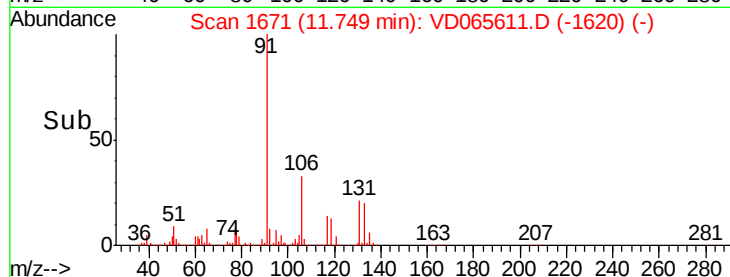
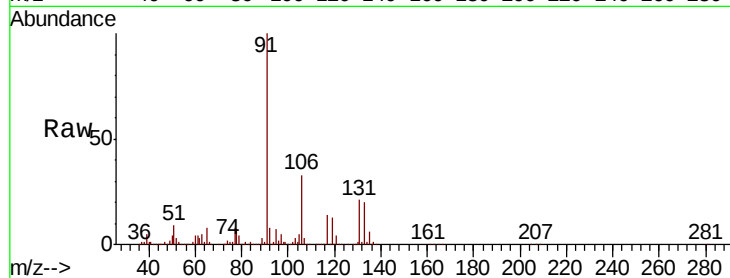
ClientSampled :

Tot Ion: 91 Resp: 3544434

Ion Ratio Lower Upper

91 100

106 32.6 25.6 38.4



#68

m/p-Xylenes

Concen: 316.060 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065611.D

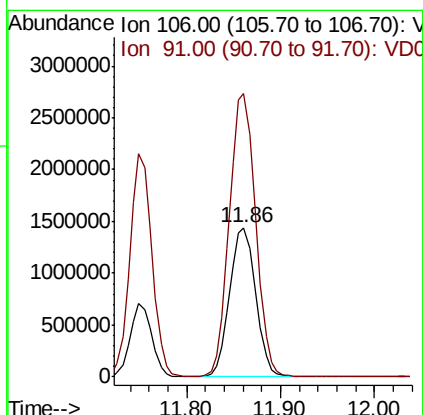
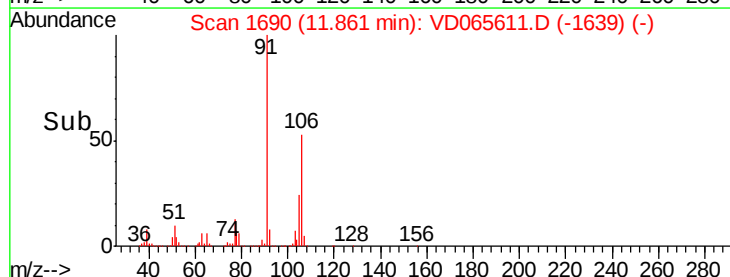
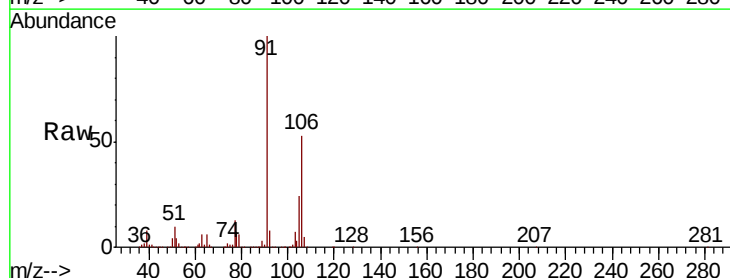
Acq: 09 Apr 2020 13:27

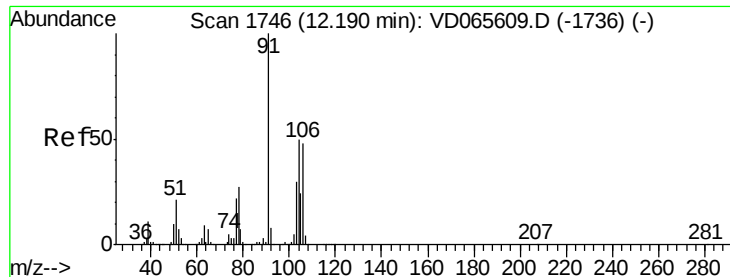
Tgt Ion: 106 Resp: 2774403

Ion Ratio Lower Upper

106 100

91 191.6 155.0 232.4

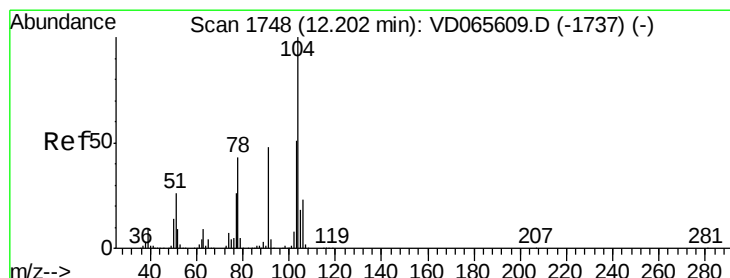
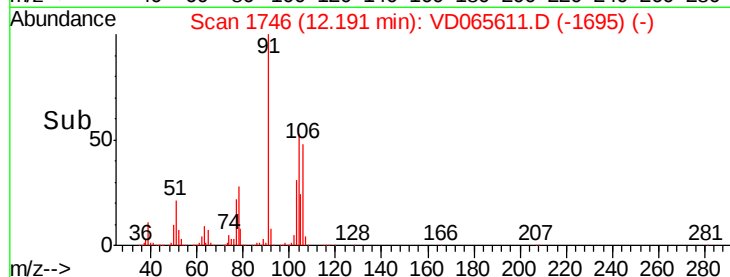
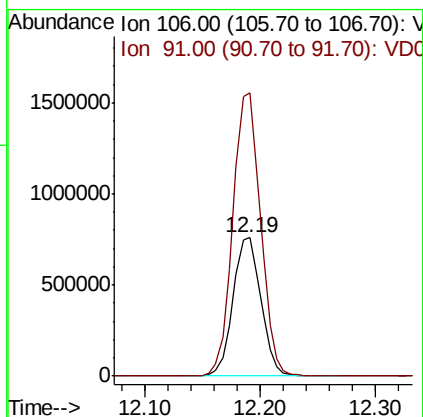
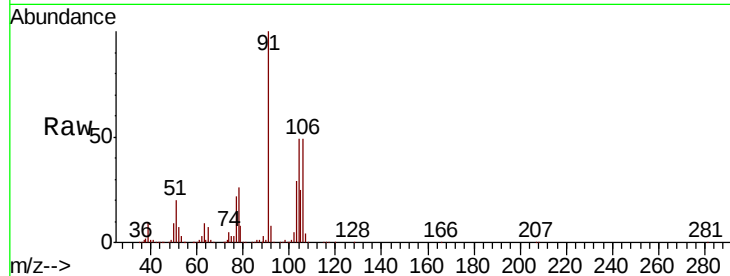




#69
o-Xylene
Concen: 168.126 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

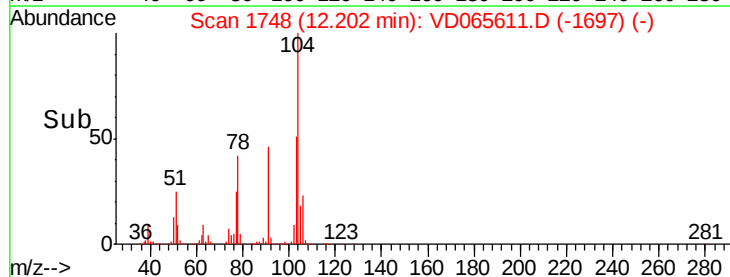
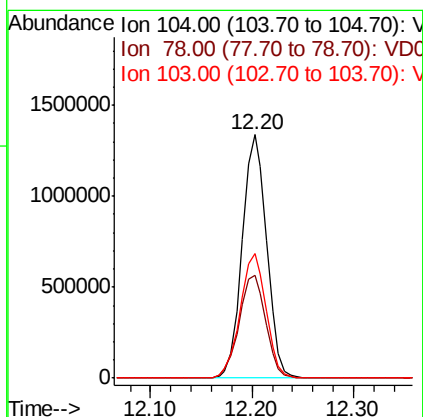
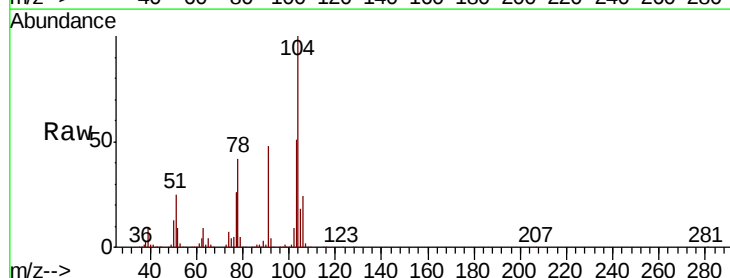
Instrument :
MSVOA_D
ClientSampled :

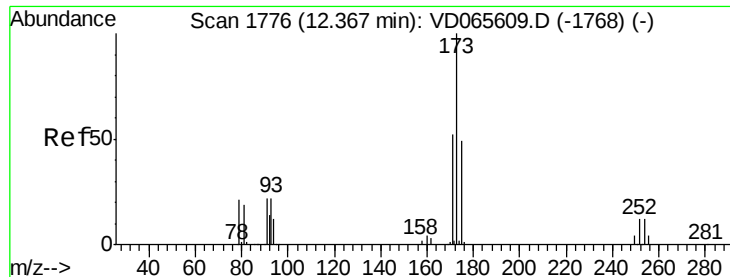
Tot Ion:106 Resp: 1271723
Ion Ratio Lower Upper
106 100
91 203.8 103.8 311.3



#70
Styrene
Concen: 167.317 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion:104 Resp: 2237523
Ion Ratio Lower Upper
104 100
78 46.3 37.1 55.7
103 54.3 43.2 64.8





#71

Bromoform

Concen: 147.807 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

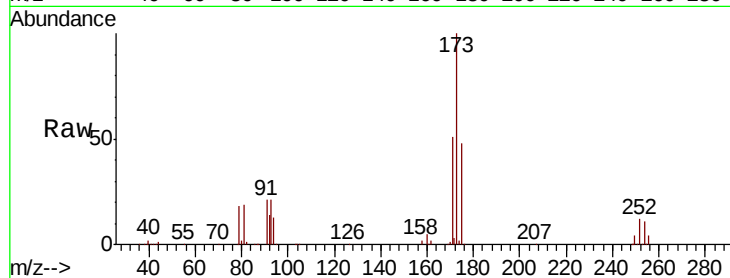
Tot Ion:173 Resp: 425498

Ion Ratio Lower Upper

173 100

175 49.2 24.5 73.5

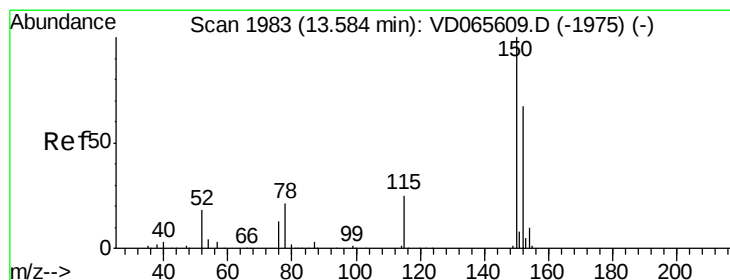
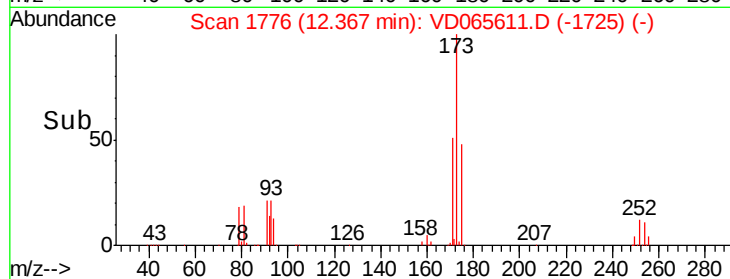
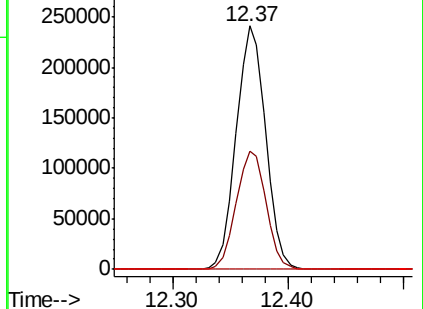
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

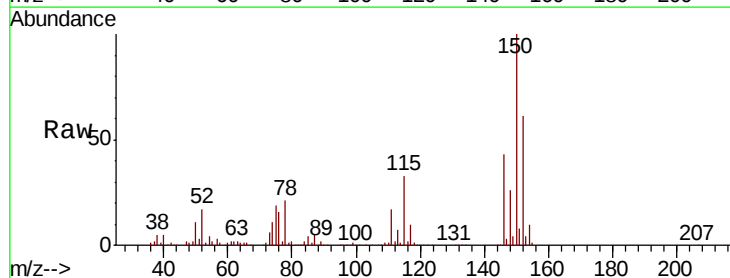
Tgt Ion:152 Resp: 317098

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.2

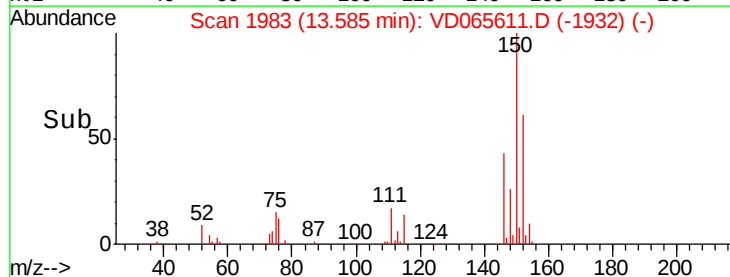
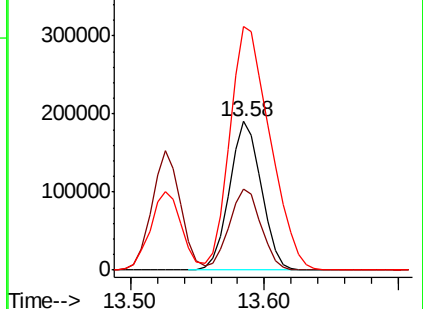
150 205.3 0.0 348.2

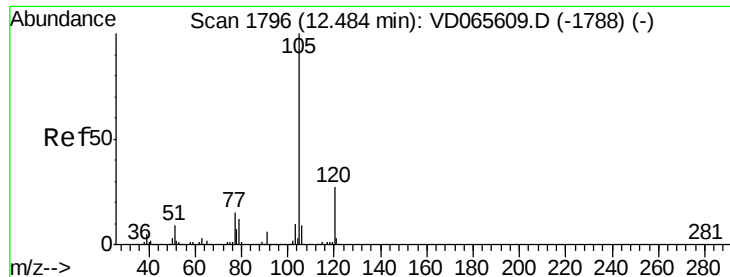


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 165.910 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

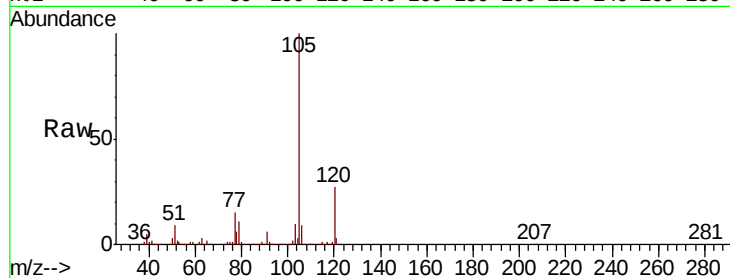
ClientSampleId :

Tot Ion:105 Resp: 3352118

Ion Ratio Lower Upper

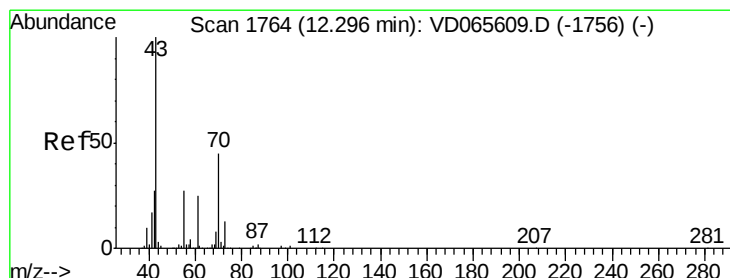
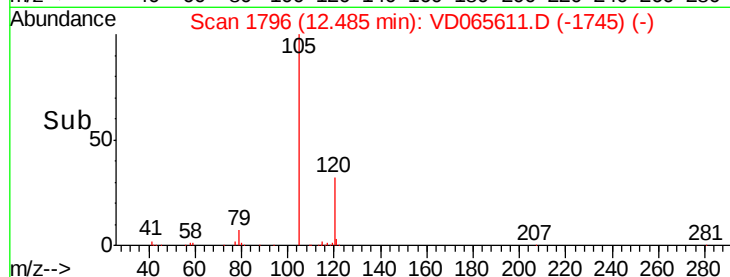
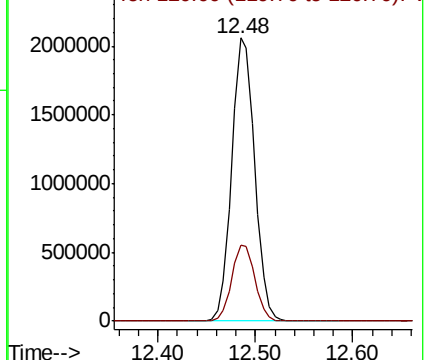
105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 178.216 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Tgt Ion: 43 Resp: 713100

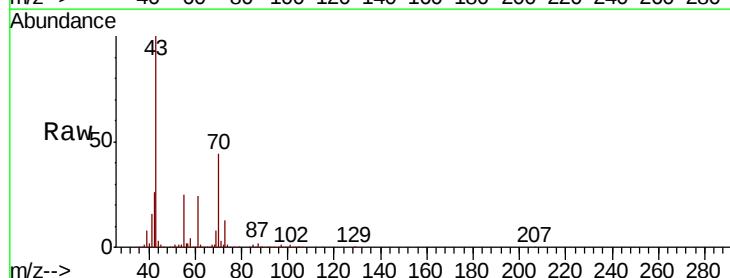
Ion Ratio Lower Upper

43 100

70 44.5 35.2 52.8

55 26.0 22.5 33.7

61 24.8 19.4 29.0

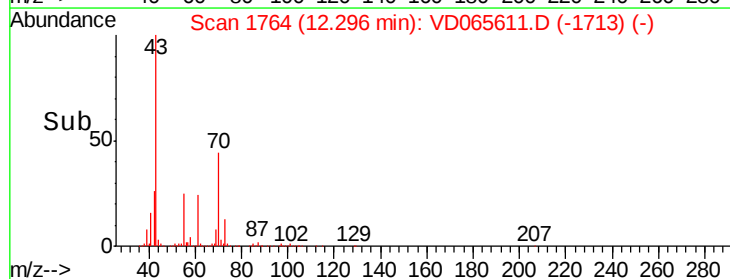
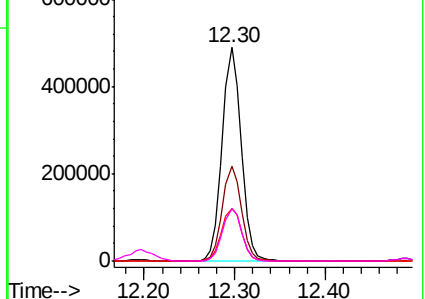


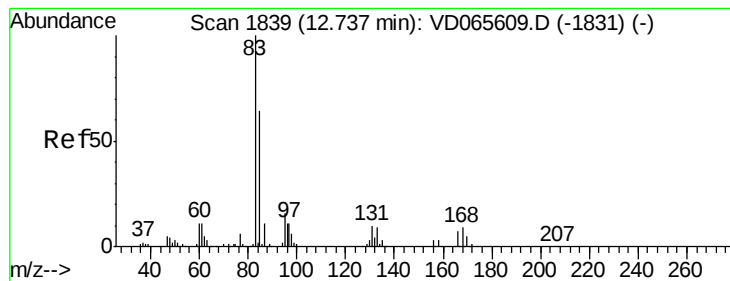
Abundance Ion 43.00 (42.70 to 43.70): VDC

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: 147.624 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

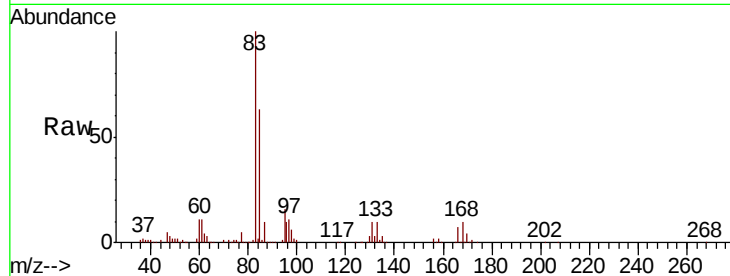
Tot Ion: 83 Resp: 548282

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

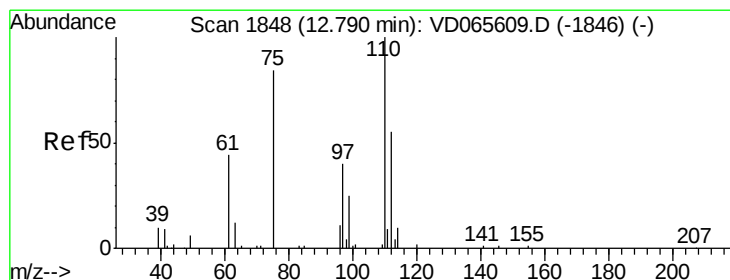
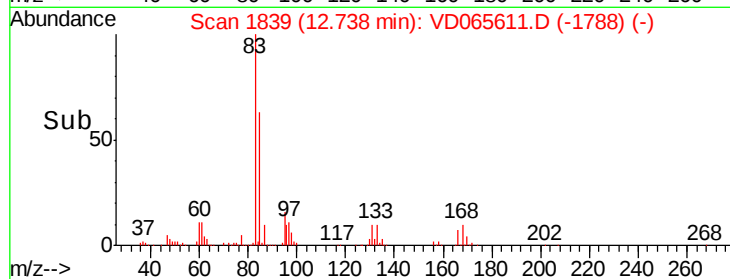
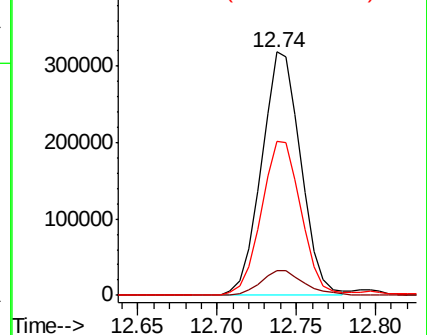
85 64.2 31.8 95.4



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: 171.861 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065611.D

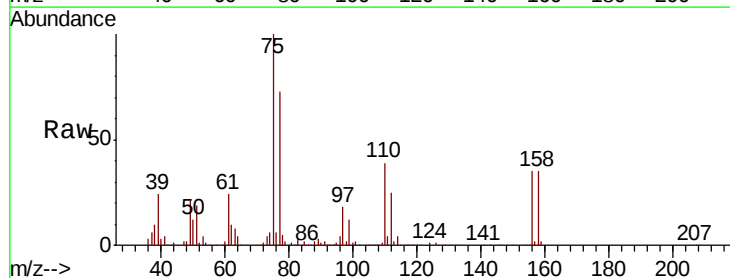
Acq: 09 Apr 2020 13:27

Tgt Ion: 75 Resp: 732205

Ion Ratio Lower Upper

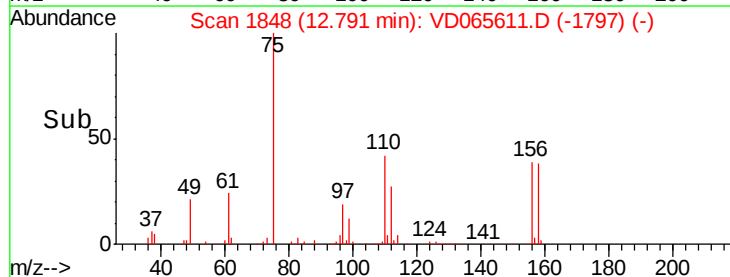
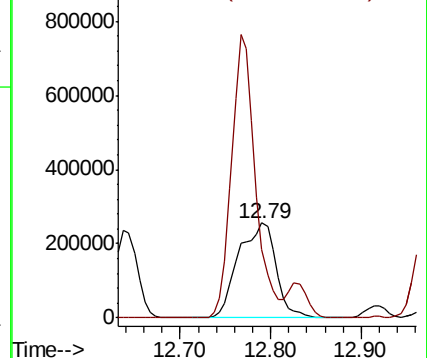
75 100

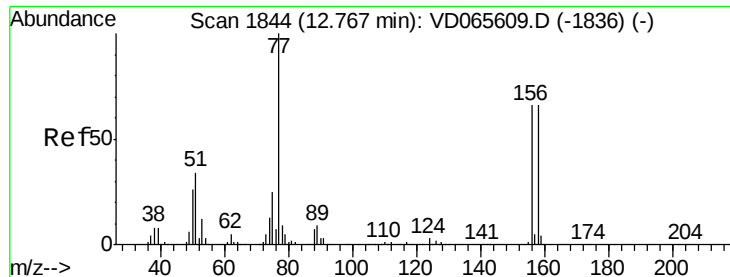
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 153.915 ug/l

RT: 12.77 min Scan# 1845

Delta R.T. 0.01 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampled :

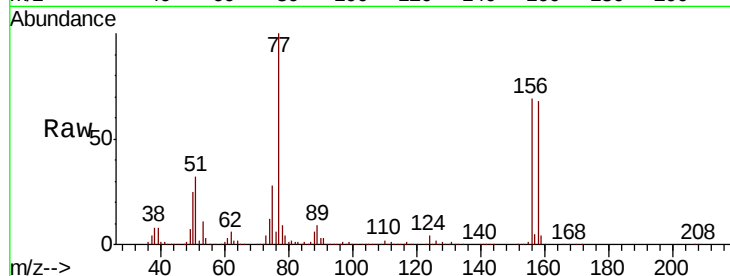
Tot Ion:156 Resp: 852548

Ion Ratio Lower Upper

156 100

77 165.1 80.3 240.9

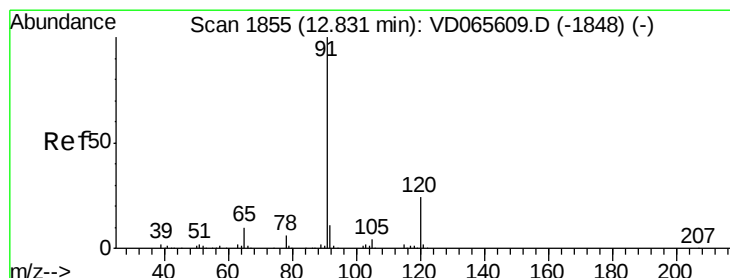
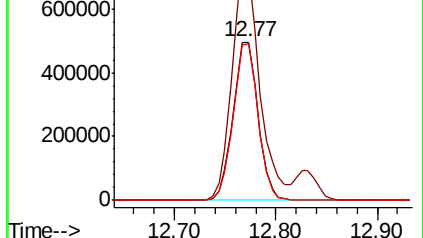
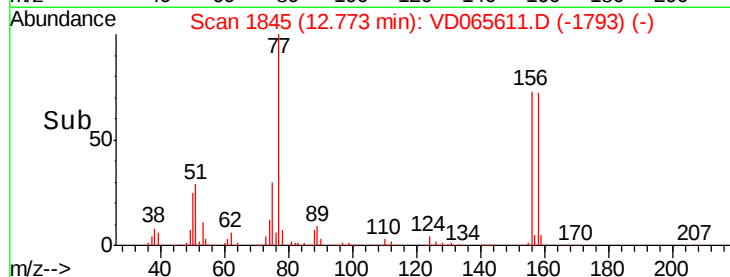
158 97.6 48.5 145.5



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: 159.095 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VD065611.D

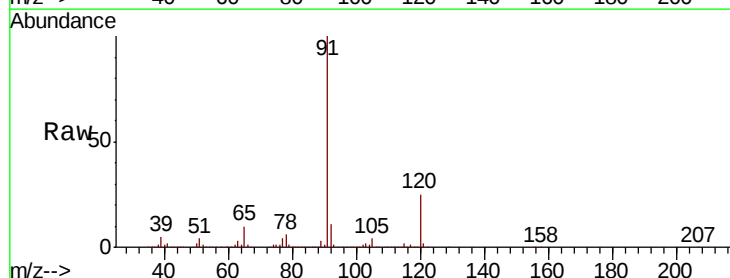
Acq: 09 Apr 2020 13:27

Tgt Ion: 91 Resp: 3879408

Ion Ratio Lower Upper

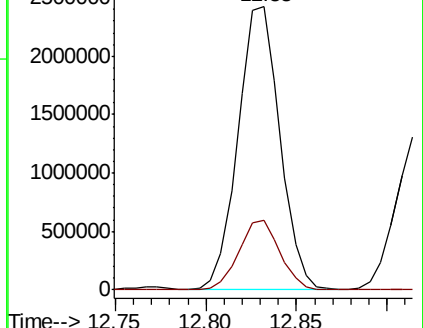
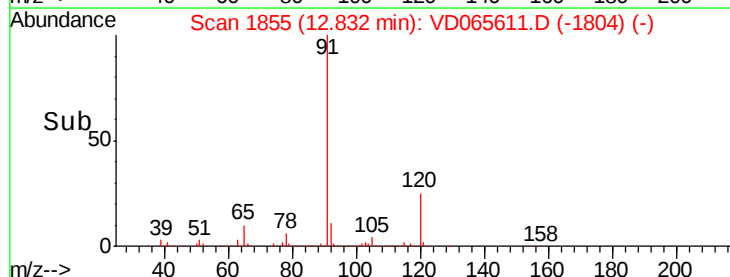
91 100

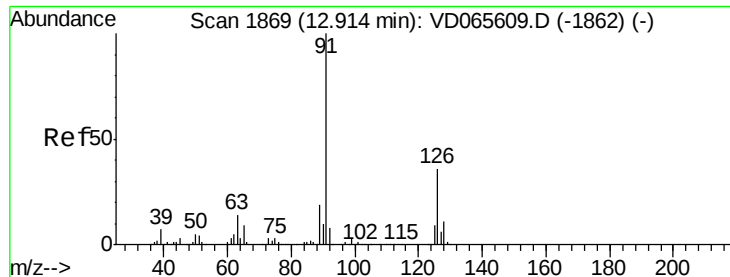
120 24.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

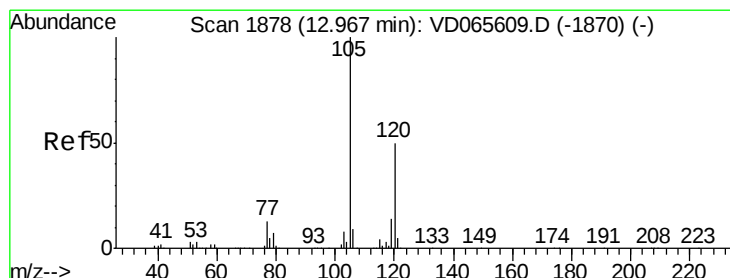
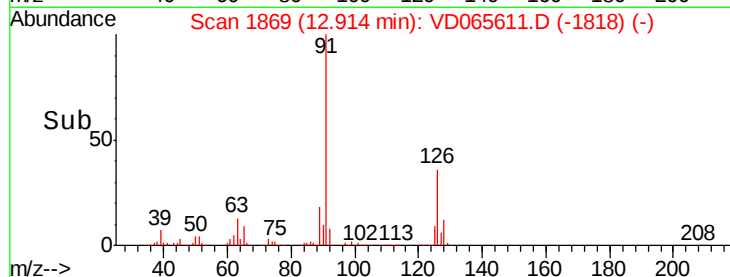
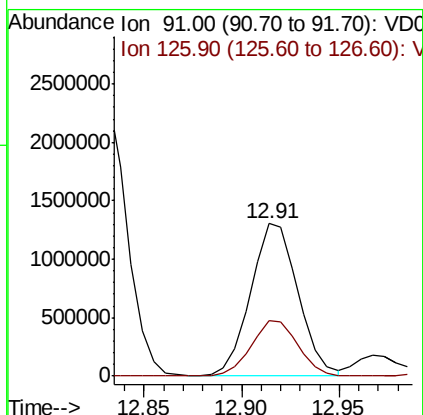
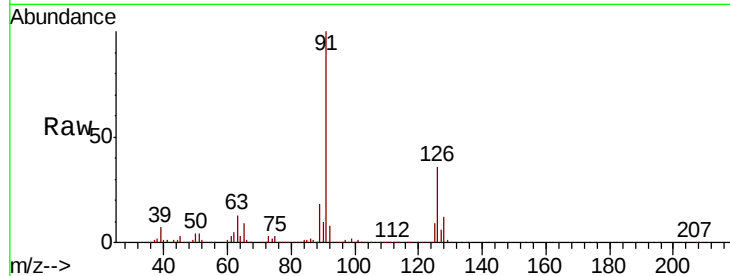




#79
 2-Chlorotoluene
 Concen: 157.129 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

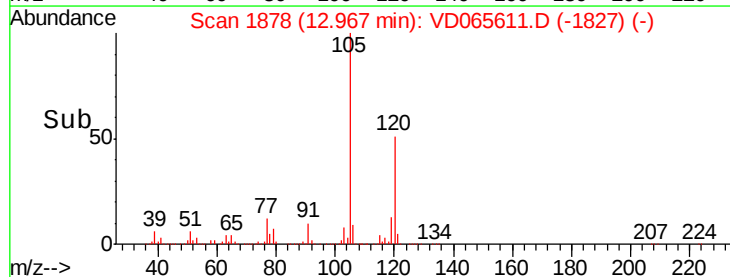
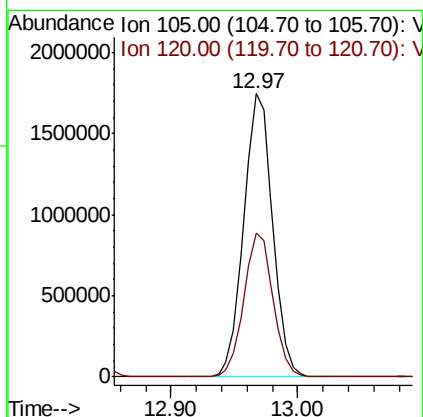
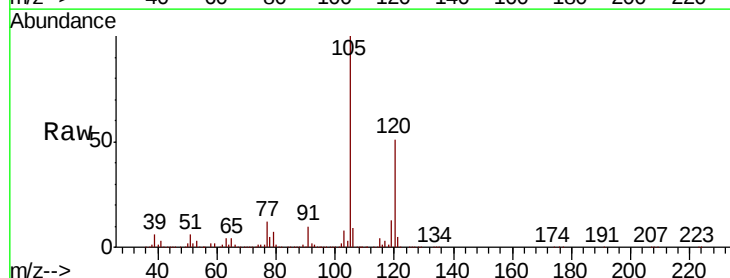
Instrument :
 MSVOA_D
 ClientSampleID :

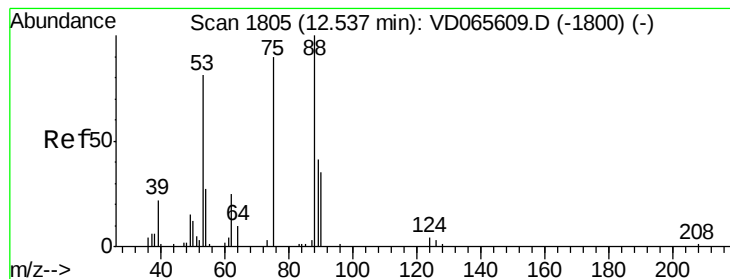
Tot Ion: 91 Resp: 2195857
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 162.156 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion:105 Resp: 2761341
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 173.782 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

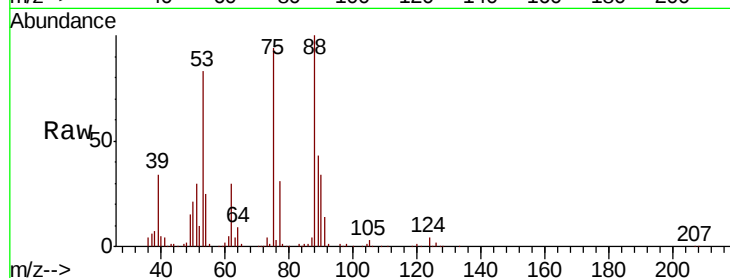
Tot Ion: 75 Resp: 190799

Ion Ratio Lower Upper

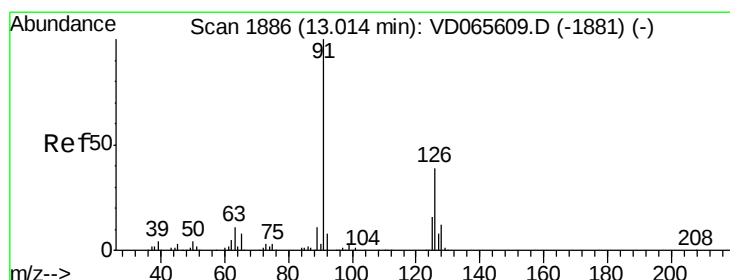
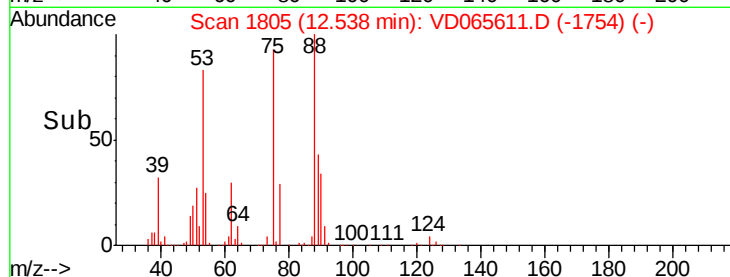
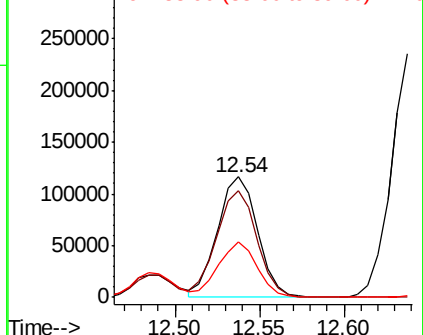
75 100

53 89.8 73.8 110.8

89 45.4 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 152.589 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065611.D

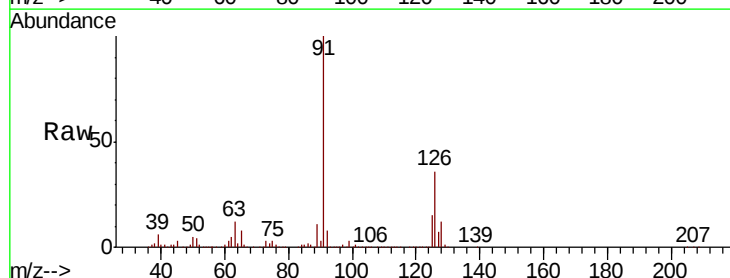
Acq: 09 Apr 2020 13:27

Tgt Ion: 91 Resp: 2295186

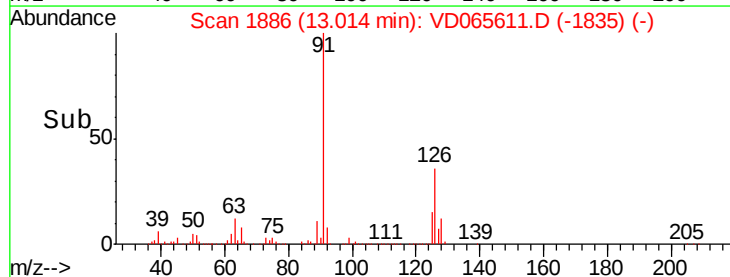
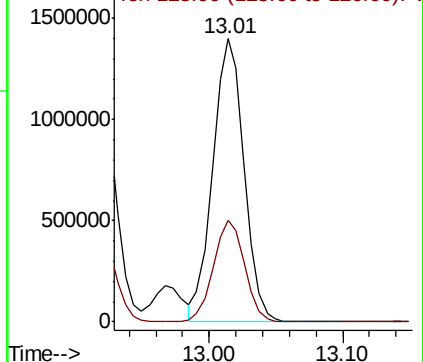
Ion Ratio Lower Upper

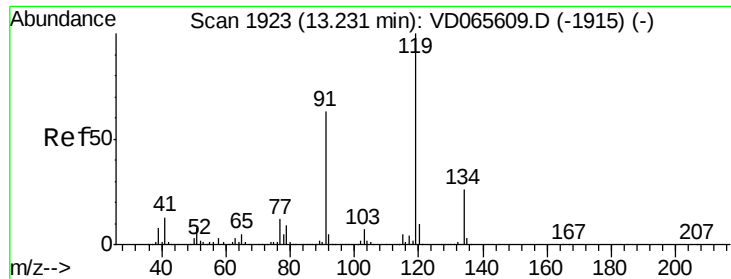
91 100

126 36.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

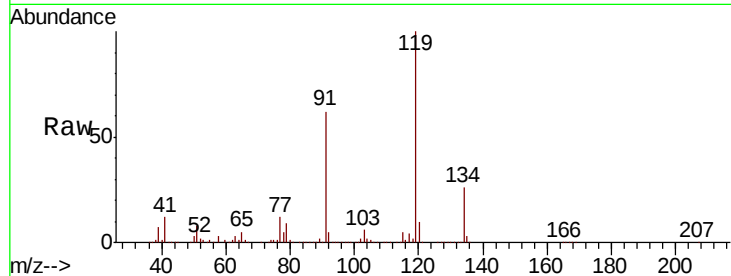




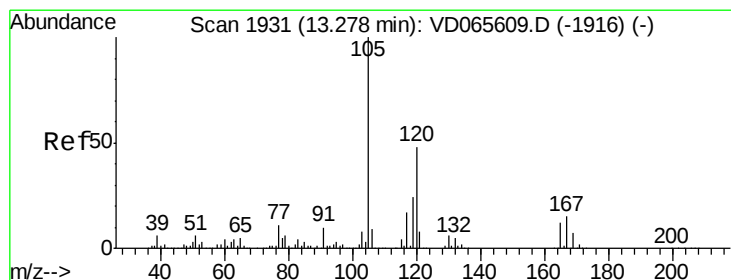
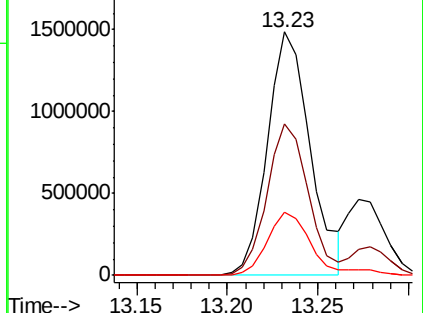
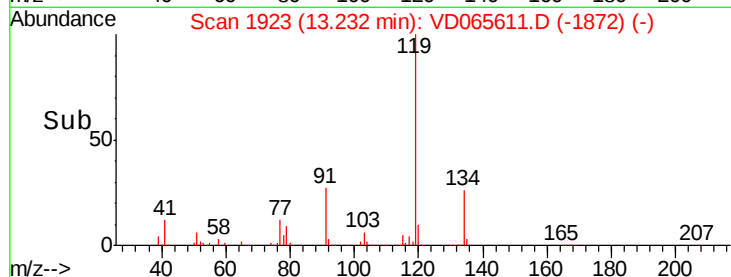
#83
tert-Butylbenzene
Concen: 172.127 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 2450969
Ion Ratio Lower Upper
119 100
91 60.0 30.4 91.2
134 27.3 13.7 41.0

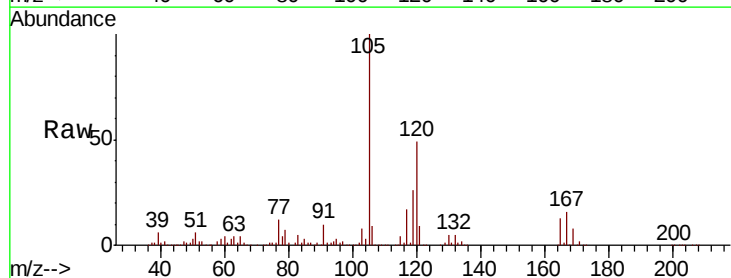


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

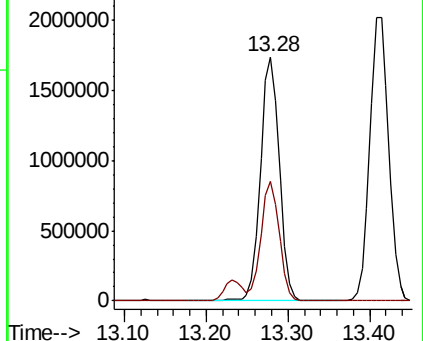
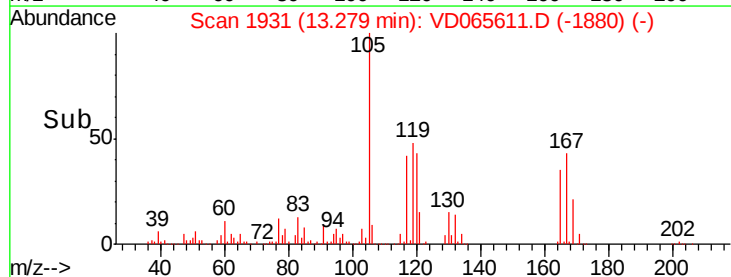


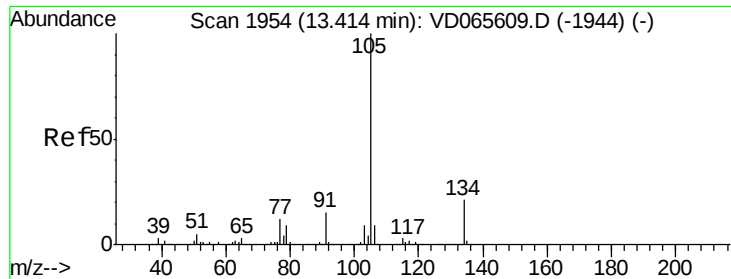
#84
1,2,4-Trimethylbenzene
Concen: 164.233 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion:105 Resp: 2779214
Ion Ratio Lower Upper
105 100
120 47.8 23.5 70.6



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





#85

sec-Butylbenzene

Concen: 161.141 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.01 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

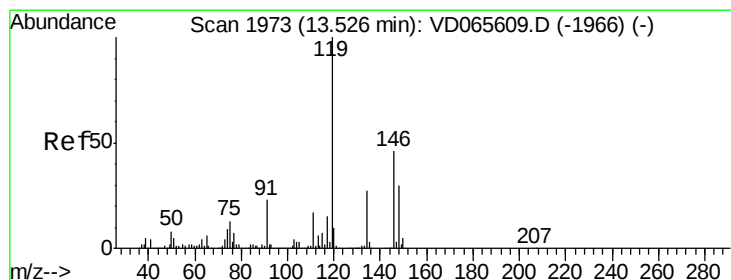
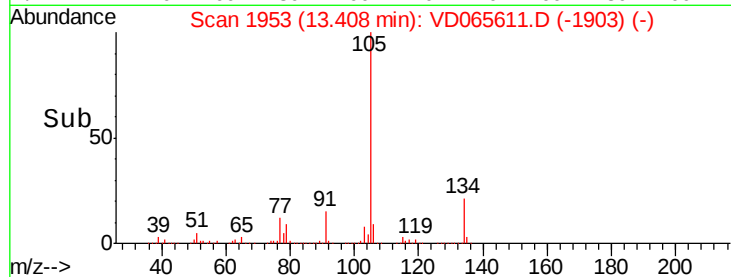
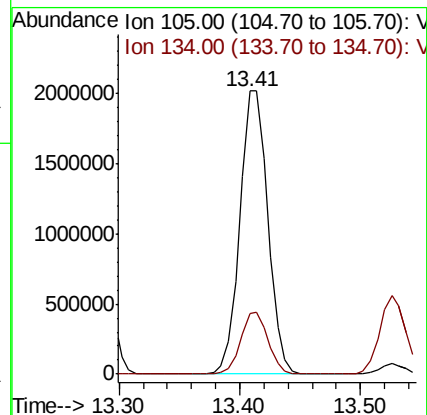
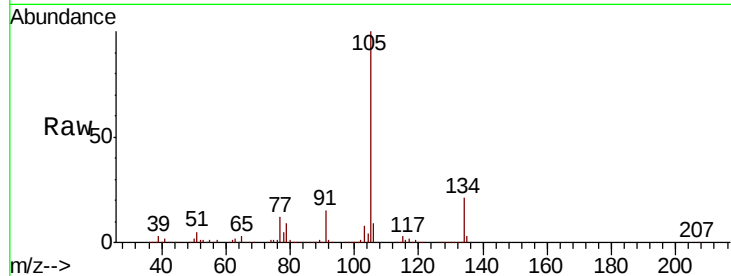
ClientSampleId :

Tot Ion:105 Resp: 3264986

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



#86

p-Isopropyltoluene

Concen: 166.228 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

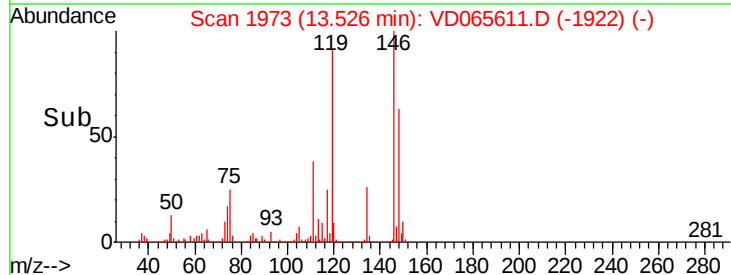
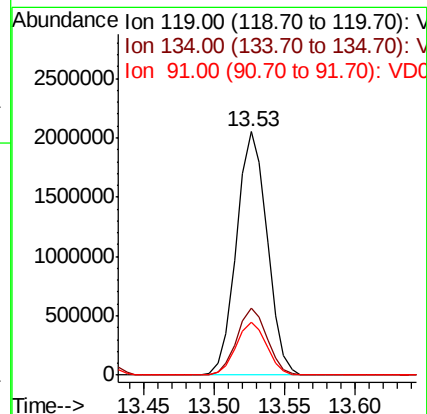
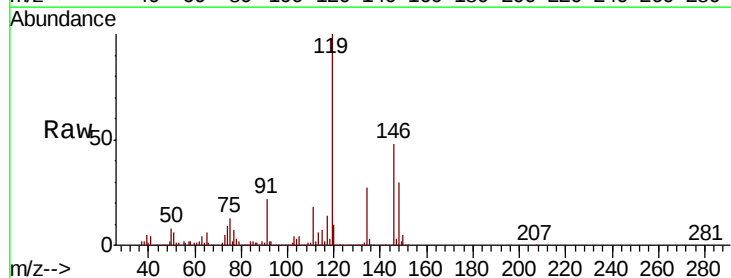
Tgt Ion:119 Resp: 3108132

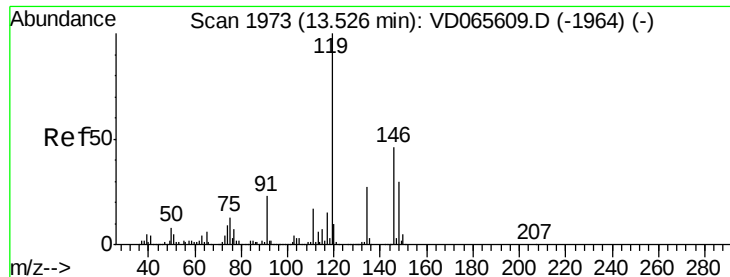
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 21.6 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 148.282 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

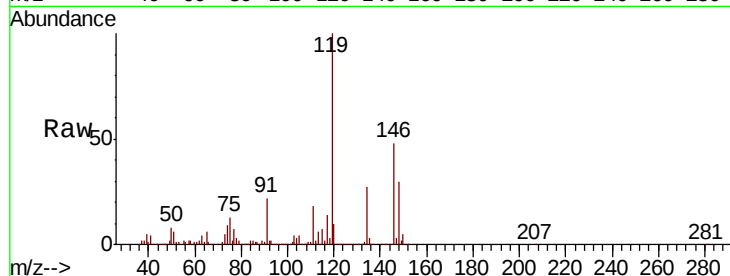
Tot Ion:146 Resp: 1583893

Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

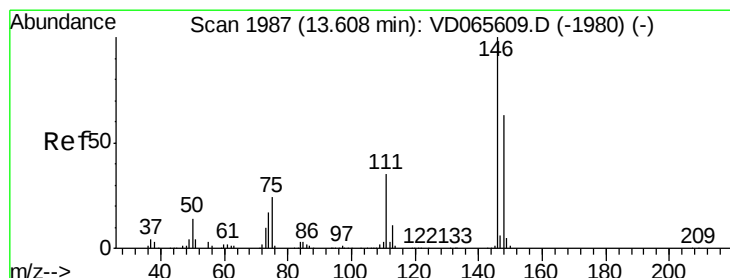
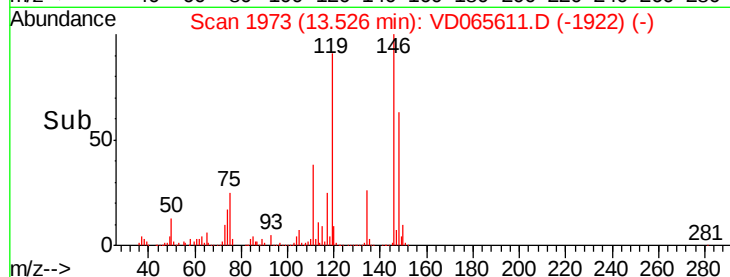
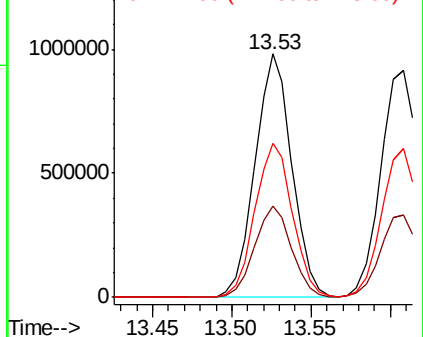
148 64.5 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 144.119 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

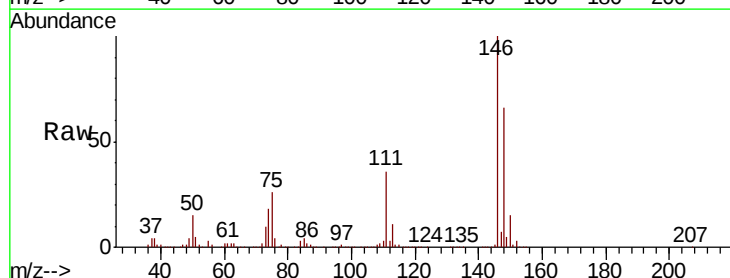
Tgt Ion:146 Resp: 1537579

Ion Ratio Lower Upper

146 100

111 36.2 18.0 54.0

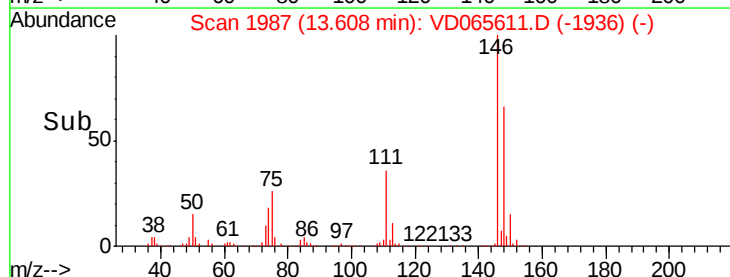
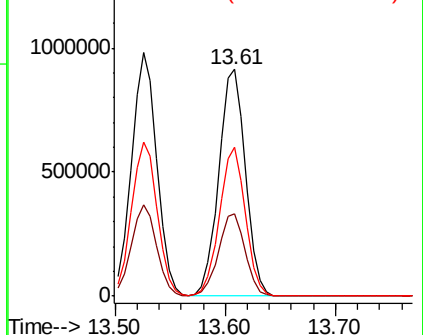
148 63.8 31.8 95.4

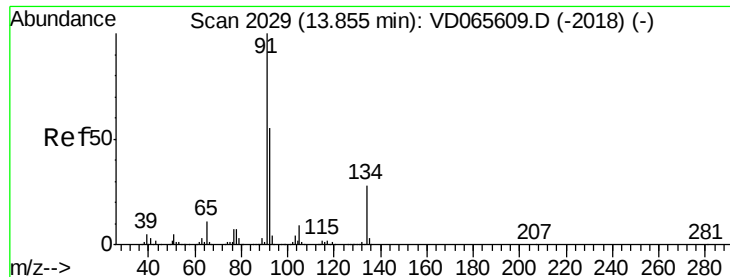


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

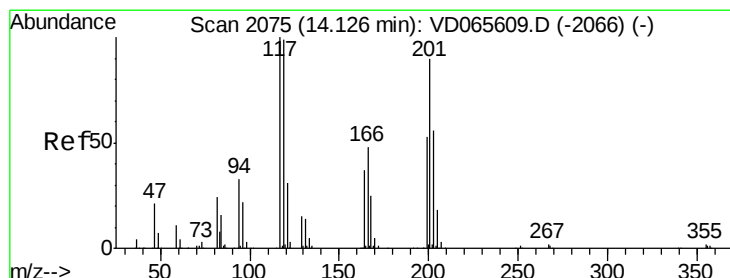
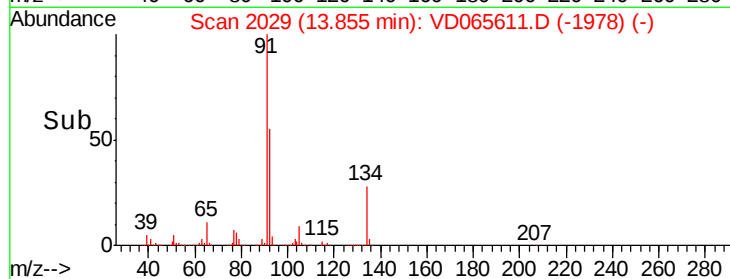
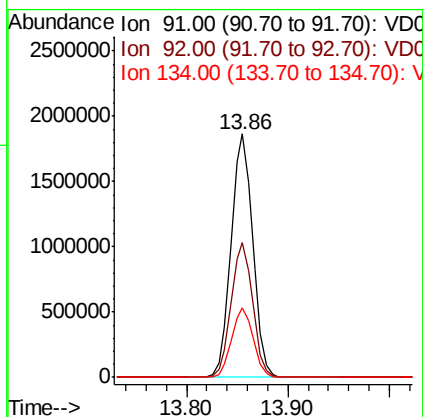
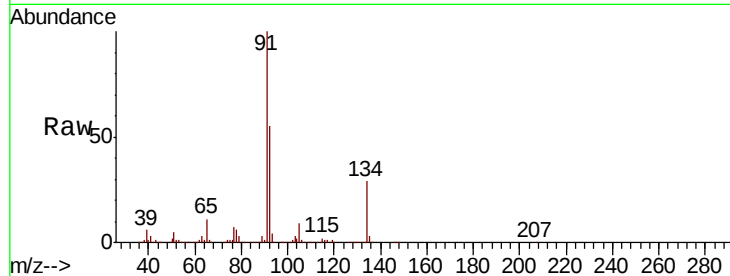




#89
n-Butylbenzene
Concen: 163.309 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

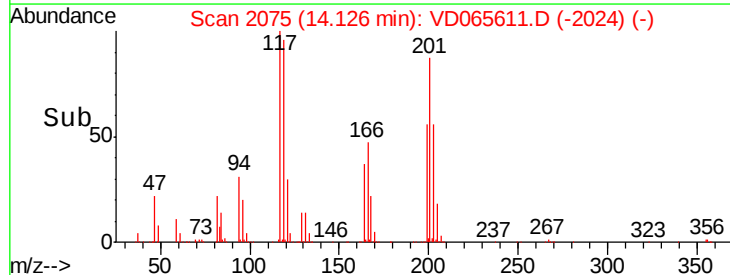
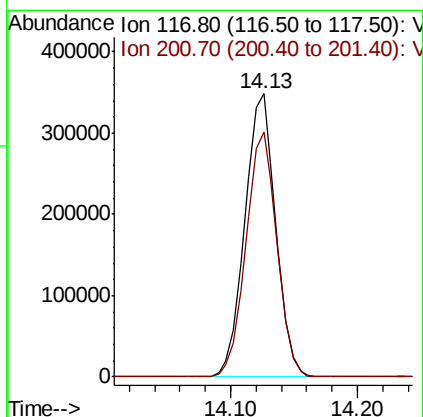
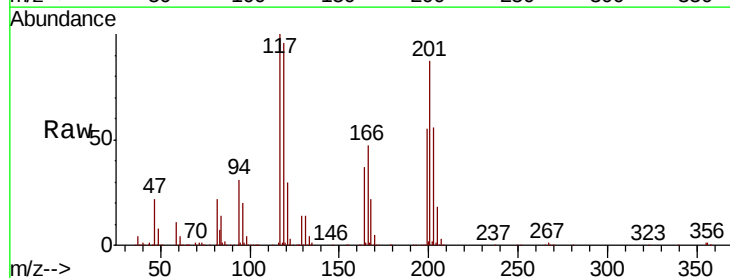
Instrument :
MSVOA_D
ClientSampled :

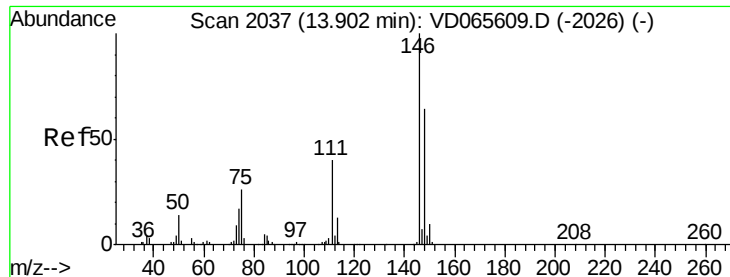
Tot Ion: 91 Resp: 2755733
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.6
134 28.1 13.9 41.7



#90
Hexachloroethane
Concen: 144.163 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion: 117 Resp: 588025
Ion Ratio Lower Upper
117 100
201 86.6 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 149.001 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

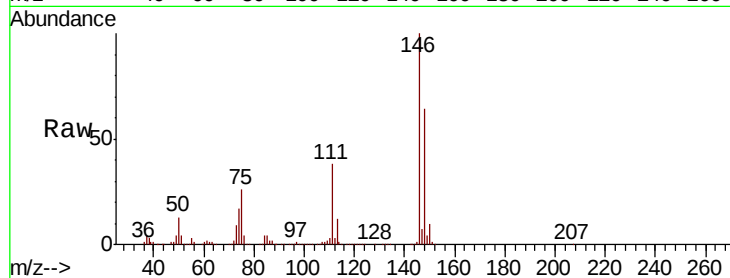
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:146 Resp: 1354017

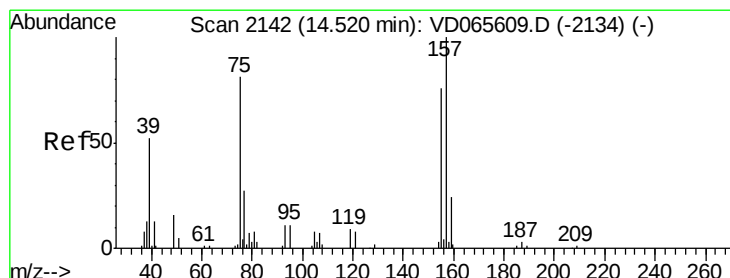
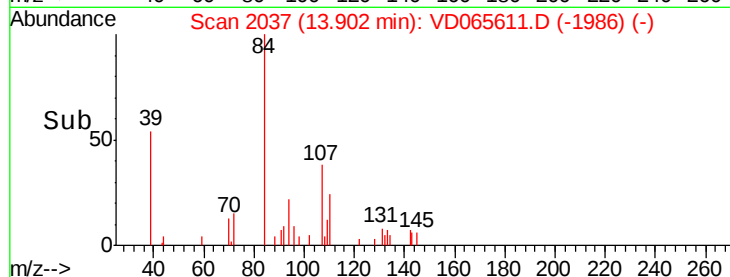
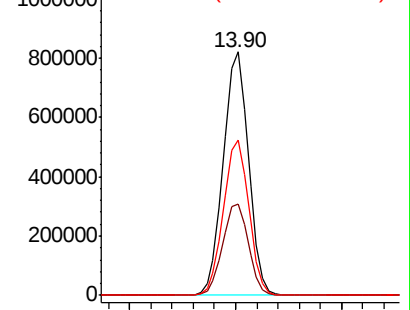
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.1	31.8	95.4



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: 148.102 ug/l

RT: 14.52 min Scan# 2142

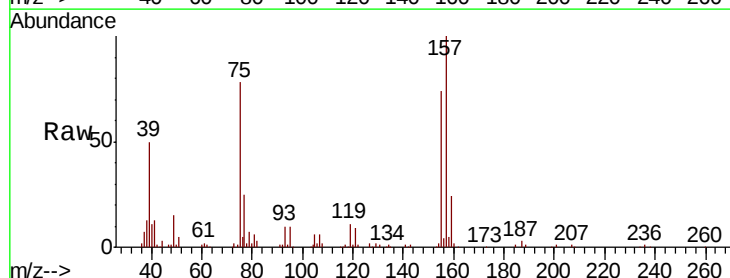
Delta R.T. 0.00 min

Lab File: VD065611.D

Acq: 09 Apr 2020 13:27

Tgt Ion: 75 Resp: 84847

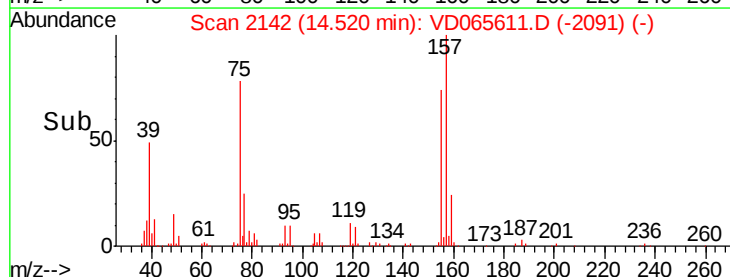
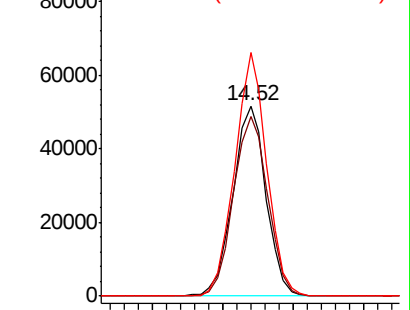
Ion	Ratio	Lower	Upper
75	100		
155	98.3	46.8	140.4
157	123.7	59.6	178.7

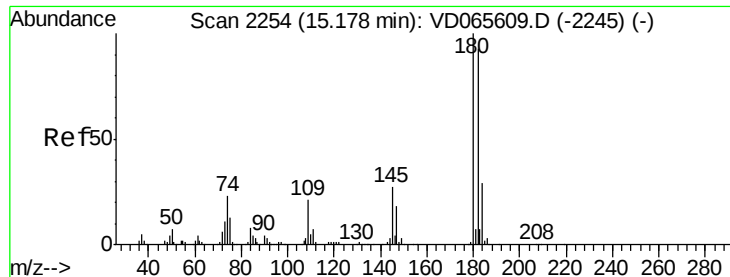


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

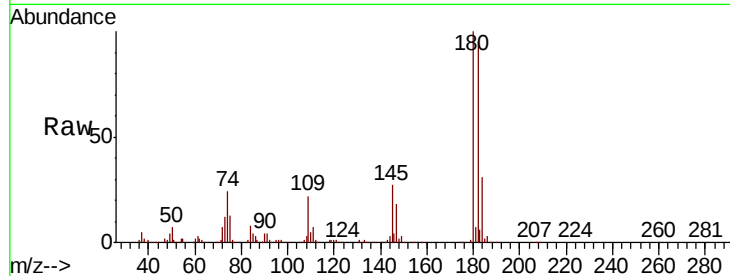




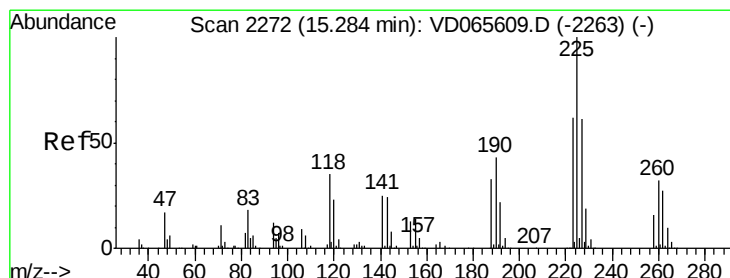
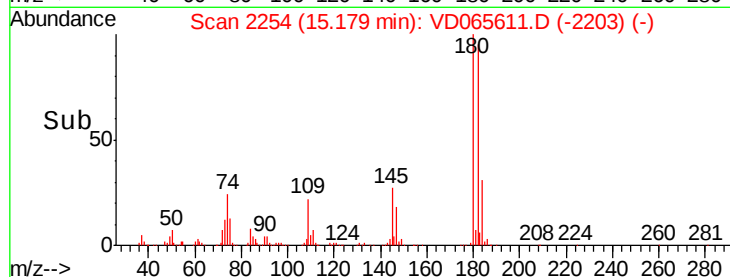
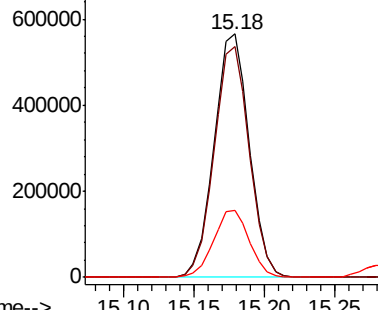
#93
 1,2,4-Trichlorobenzene
 Concen: 165.085 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.0	141.2
145	28.0	14.0	41.9

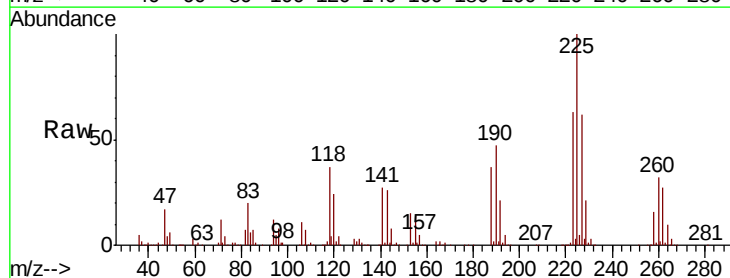


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

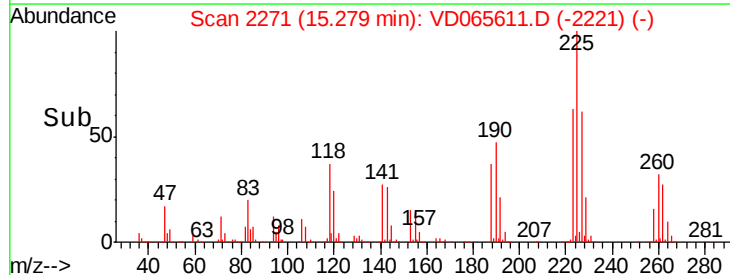
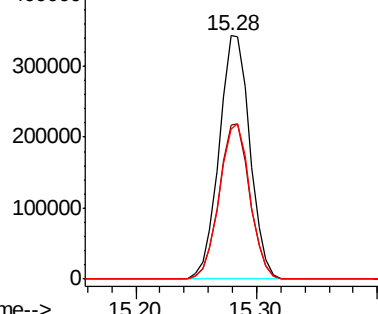


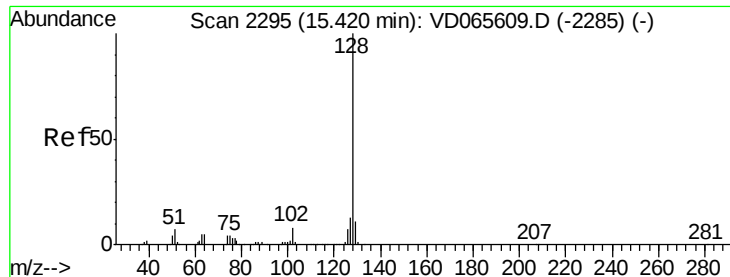
#94
 Hexachlorobutadiene
 Concen: 147.660 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065611.D
 Acq: 09 Apr 2020 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	94.7
227	63.5	31.6	95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

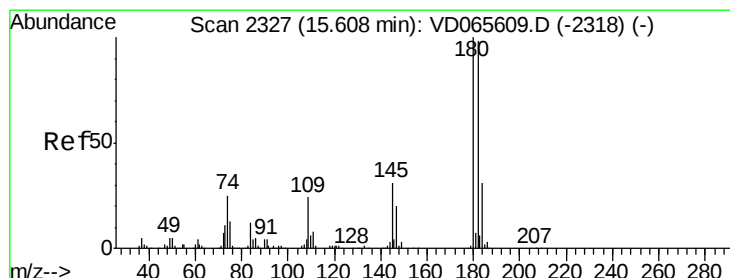
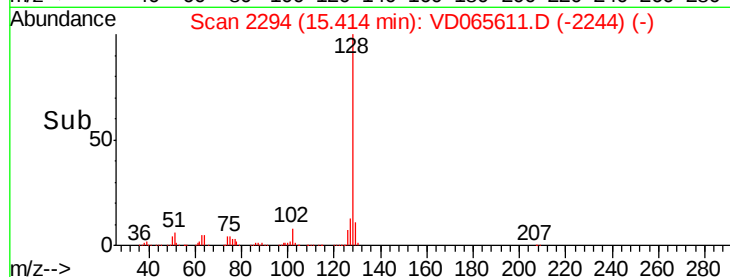
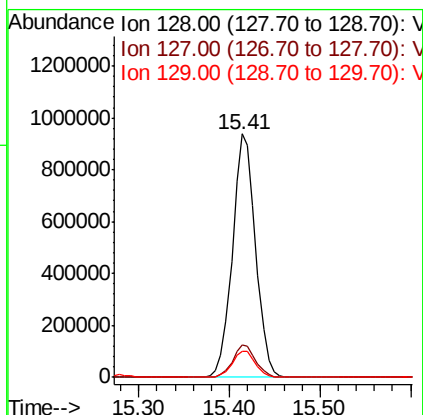
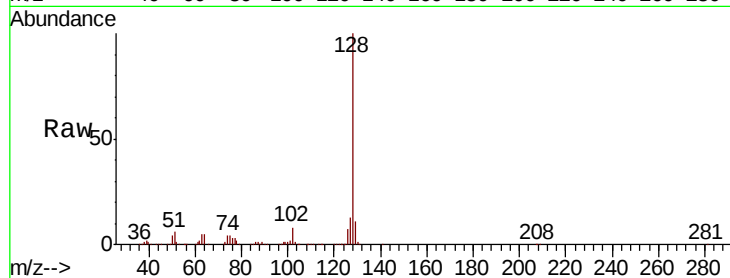




#95
Naphthalene
Concen: 191.917 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.01 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 1659822
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 167.142 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065611.D
Acq: 09 Apr 2020 13:27

Tgt Ion:180 Resp: 863598
Ion Ratio Lower Upper
180 100
182 94.7 47.7 143.1
145 30.1 15.2 45.6

