

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066946.D
 Acq On : 29 Sep 2020 18:37
 Operator : VA/SY
 Sample : L4179-09MS
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

Quant Time: Sep 30 02:37:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	370248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	589516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	515217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	217543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	170492	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.91	113	190226	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.34	98	627630	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.63	95	202757	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	128612	49.793	ug/l	92
3) Chloromethane	2.20	50	141820	41.690	ug/l	93
4) Vinyl Chloride	2.35	62	144799	43.085	ug/l	94
5) Bromomethane	2.77	94	107967	45.706	ug/l	99
6) Chloroethane	2.92	64	93473	44.788	ug/l	97
7) Trichlorofluoromethane	3.27	101	324671	47.039	ug/l	99
8) Diethyl Ether	3.71	74	98233	56.061	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	185900	46.449	ug/l	97
10) Methyl Iodide	4.30	142	177402	50.231	ug/l	97
11) Tert butyl alcohol	5.23	59	52655	238.279	ug/l	100
12) 1,1-Dichloroethene	4.06	96	183502	50.613	ug/l	92
13) Acrolein	3.92	56	64776	242.308	ug/l	92
14) Allyl chloride	4.71	41	270848	50.875	ug/l	98
15) Acrylonitrile	5.42	53	194945	251.047	ug/l	97
16) Acetone	4.16	43	151316	196.836	ug/l	94
17) Carbon Disulfide	4.41	76	516848	46.629	ug/l	97
18) Methyl Acetate	4.72	43	111878	66.417	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	441027	56.014	ug/l	95
20) Methylene Chloride	4.97	84	236488	57.923	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	223844	53.322	ug/l	92
22) Diisopropyl ether	6.37	45	602916	55.080	ug/l	99
23) Vinyl Acetate	6.31	43	1077813	182.091	ug/l	98
24) 1,1-Dichloroethane	6.26	63	383915	52.427	ug/l	98
25) 2-Butanone	7.21	43	218156	236.146	ug/l	100
26) 2,2-Dichloropropane	7.21	77	305477	45.513	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	257029	56.351	ug/l	95
28) Bromochloromethane	7.55	49	158771	52.482	ug/l #	91
29) Tetrahydrofuran	7.56	42	145180	245.262	ug/l	95
30) Chloroform	7.71	83	426800	54.069	ug/l	98
31) Cyclohexane	7.98	56	260377	39.517	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	359729	50.377	ug/l	98
36) 1,1-Dichloropropene	8.11	75	287776	49.205	ug/l	98
37) Ethyl Acetate	7.29	43	103360	48.887	ug/l #	94
38) Carbon Tetrachloride	8.10	117	312415	48.860	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	253656	37.775	ug/l	99
40) Benzene	8.35	78	871019	53.438	ug/l	96
41) Methacrylonitrile	7.53	41	61751	47.493	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	249618	51.803	ug/l	100
43) Isopropyl Acetate	8.45	43	199121	48.849	ug/l	98
44) Trichloroethene	9.11	130	242636	52.225	ug/l	91
45) 1,2-Dichloropropane	9.38	63	219484	53.520	ug/l	97
46) Dibromomethane	9.47	93	118585	53.221	ug/l	93
47) Bromodichloromethane	9.66	83	324985	54.295	ug/l	98
48) Methyl methacrylate	9.45	41	100331	49.922	ug/l	94
49) 1,4-Dioxane	9.46	88	27893	1115.893	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	534371	258.721	ug/l	100
52) Toluene	10.40	92	554550	52.819	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	277295	54.430	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	339690	54.683	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	164110	53.576	ug/l	95
56) Ethyl methacrylate	10.66	69	184969	56.368	ug/l	95
57) 1,3-Dichloropropane	10.94	76	273613	54.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	375270	241.527	ug/l	99
59) 2-Hexanone	10.98	43	352543	253.104	ug/l	94
60) Dibromochloromethane	11.14	129	215533	53.914	ug/l	98
61) 1,2-Dibromoethane	11.24	107	156113	54.794	ug/l	98
64) Tetrachloroethene	10.87	164	199425	53.811	ug/l	98
65) Chlorobenzene	11.67	112	573141	53.442	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	226664	55.842	ug/l	98
67) Ethyl Benzene	11.74	91	979902	52.024	ug/l	99
68) m/p-Xylenes	11.85	106	759799	106.542	ug/l	98
69) o-Xylene	12.18	106	348234	54.003	ug/l	99
70) Styrene	12.20	104	622587	55.595	ug/l	99
71) Bromoform	12.36	173	114809	55.865	ug/l #	96
73) Isopropylbenzene	12.48	105	878162	55.879	ug/l	98
74) N-amyl acetate	12.28	43	173382	56.495	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	161715	59.635	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	206090	114.315	ug/l #	100
77) Bromobenzene	12.76	156	223391	60.779	ug/l	95
78) n-propylbenzene	12.82	91	989549	52.340	ug/l	98
79) 2-Chlorotoluene	12.91	91	603004	55.970	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	733049	54.973	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	43368	60.185	ug/l	99
82) 4-Chlorotoluene	13.01	91	619991	54.591	ug/l	99
83) tert-Butylbenzene	13.23	119	578730	52.816	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	737927	55.807	ug/l	99
85) sec-Butylbenzene	13.41	105	734222	46.597	ug/l	99
86) p-Isopropyltoluene	13.52	119	697703	49.124	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	388531	53.506	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	382296	53.008	ug/l	99
89) n-Butylbenzene	13.85	91	571089	42.304	ug/l	98
90) Hexachloroethane	14.11	117	128022	44.398	ug/l	92
91) 1,2-Dichlorobenzene	13.90	146	337246	54.286	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24097	55.240	ug/l	93

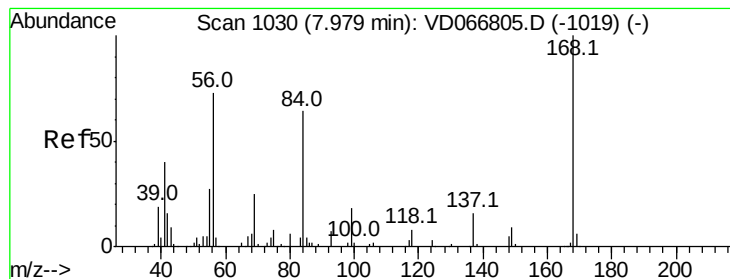
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	170457	43.586	ug/l	98
94) Hexachlorobutadiene	15.27	225	63359	27.036	ug/l	94
95) Naphthalene	15.41	128	367525	55.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	147050	43.565	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

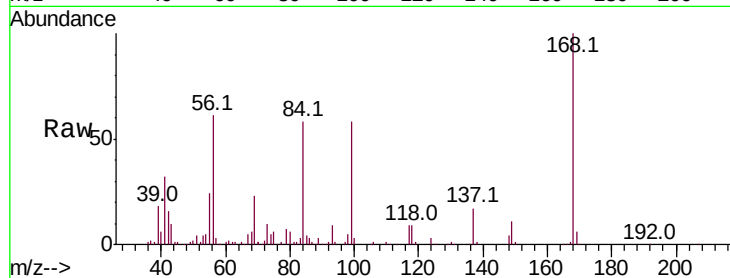
B-11(1-2)MS

Tot Ion:168 Resp: 370248

Ion Ratio Lower Upper

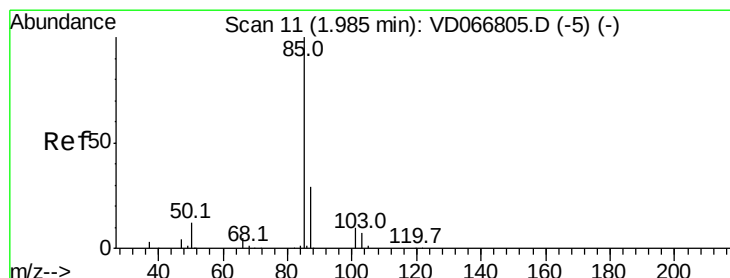
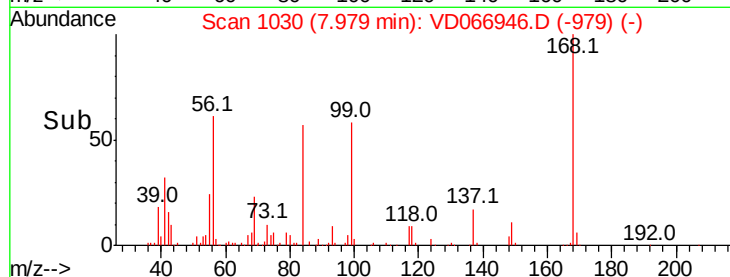
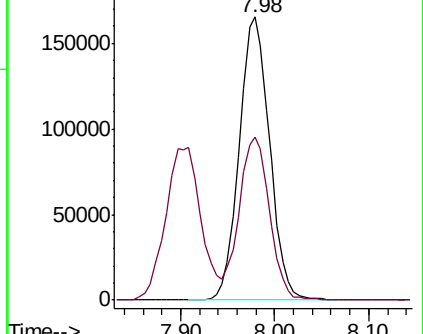
168 100

99 57.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.793 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066946.D

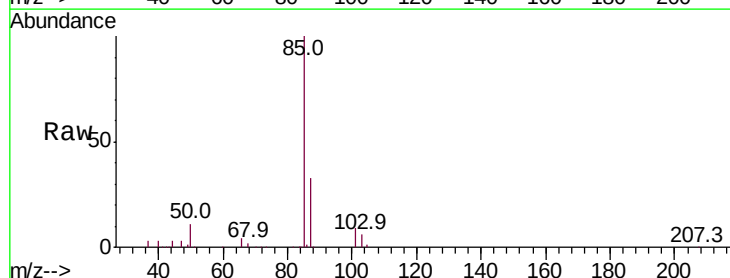
Acq: 29 Sep 2020 18:37

Tgt Ion: 85 Resp: 128612

Ion Ratio Lower Upper

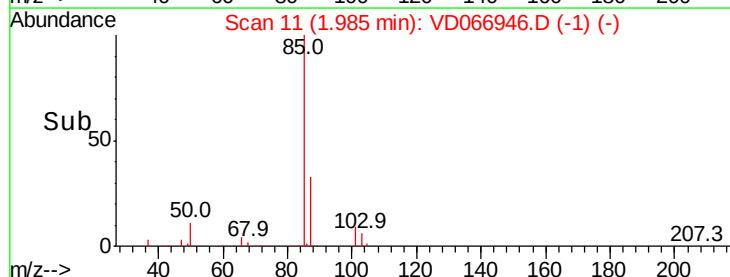
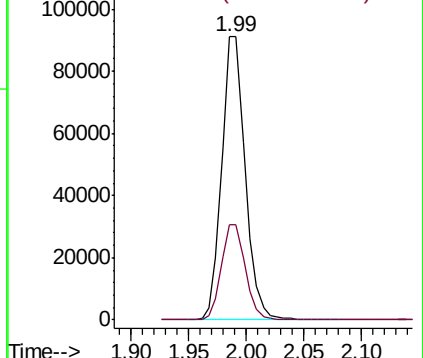
85 100

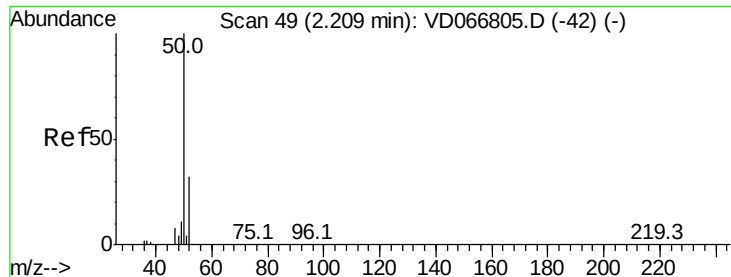
87 33.5 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.690 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

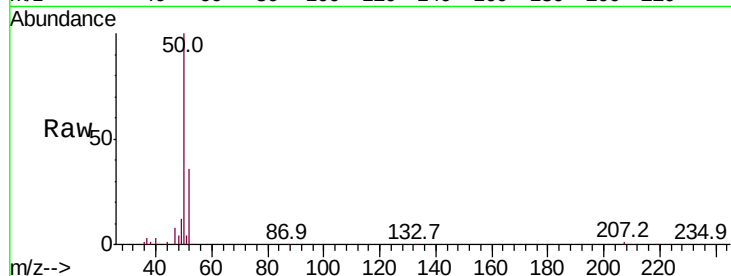
B-11(1-2)MS

Tot Ion: 50 Resp: 141820

Ion Ratio Lower Upper

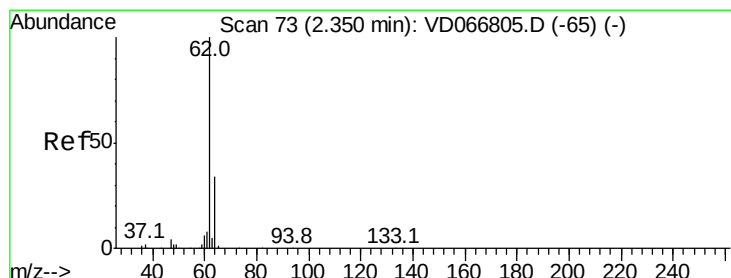
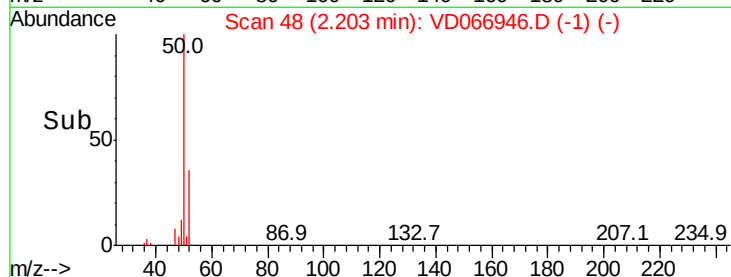
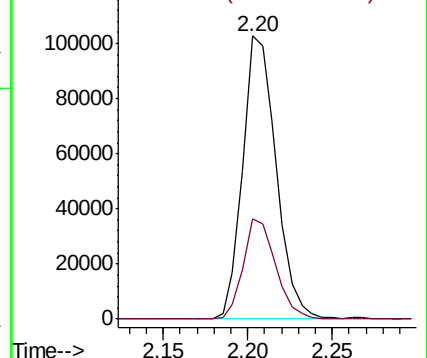
50 100

52 35.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.085 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066946.D

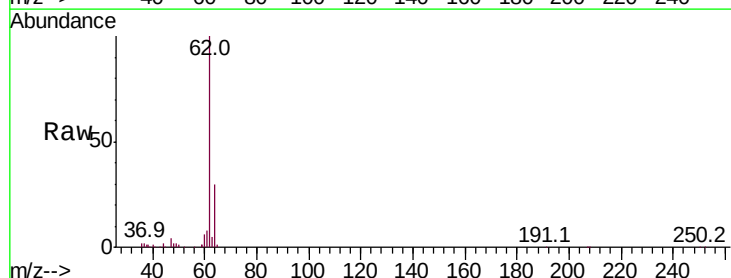
Acq: 29 Sep 2020 18:37

Tgt Ion: 62 Resp: 144799

Ion Ratio Lower Upper

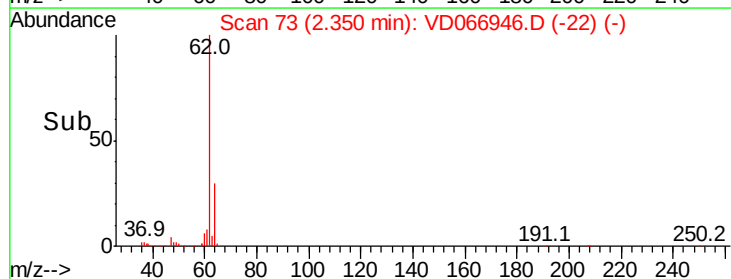
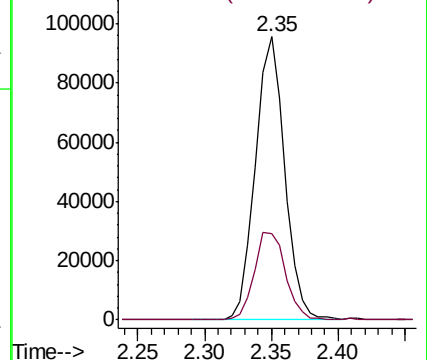
62 100

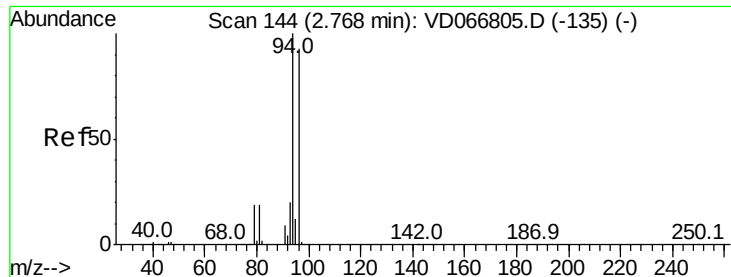
64 30.3 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.706 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

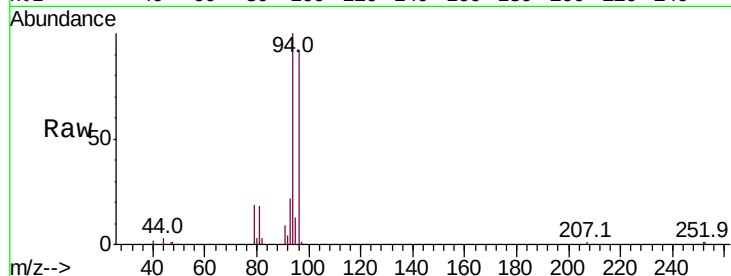
B-11(1-2)MS

Tot Ion: 94 Resp: 107967

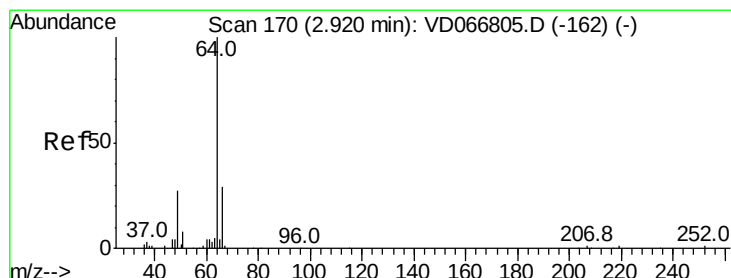
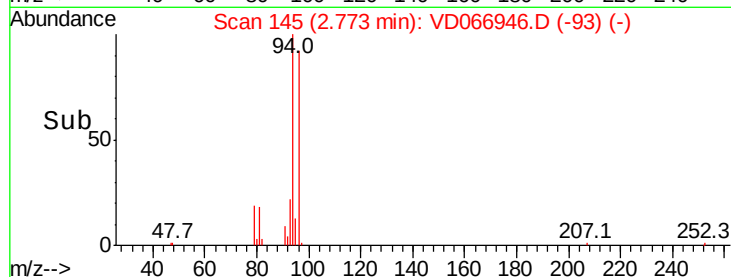
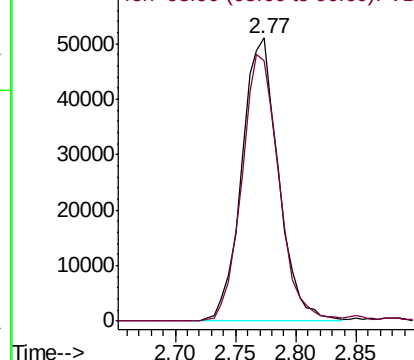
Ion Ratio Lower Upper

94 100

96 92.2 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.788 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066946.D

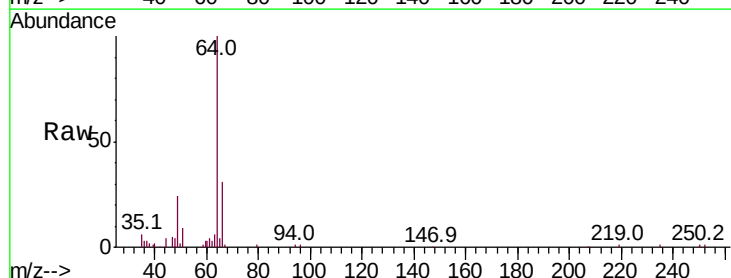
Acq: 29 Sep 2020 18:37

Tgt Ion: 64 Resp: 93473

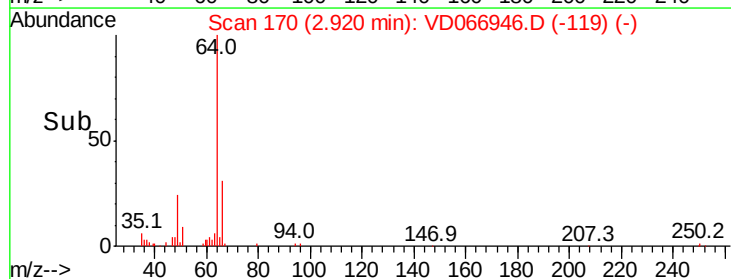
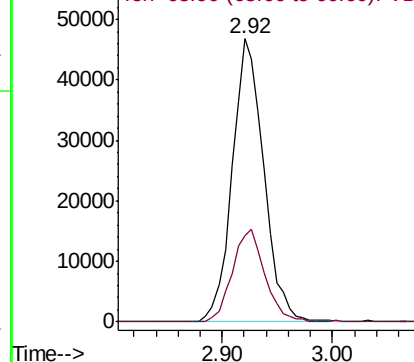
Ion Ratio Lower Upper

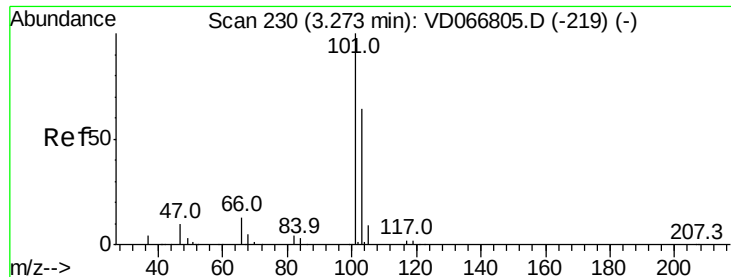
64 100

66 30.6 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



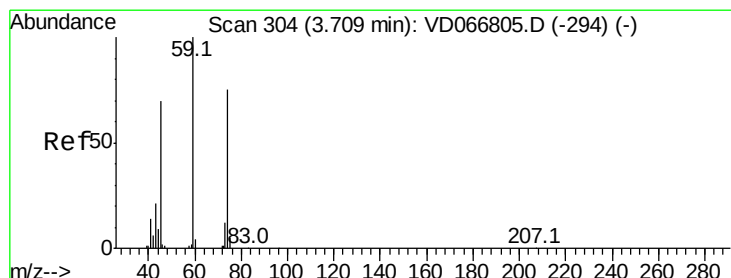
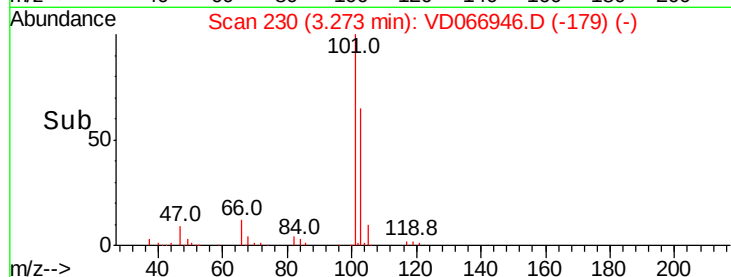
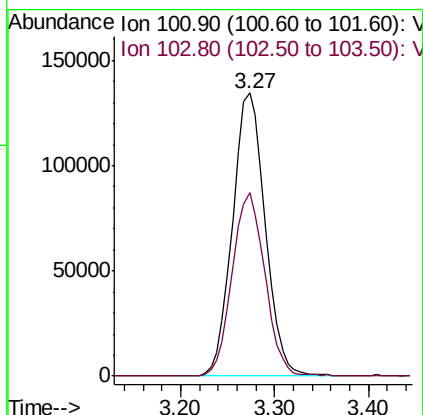
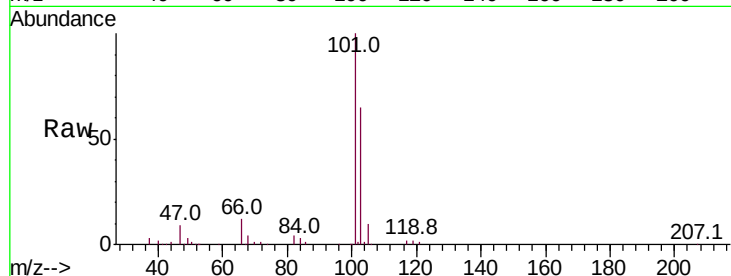


#7

Trichlorofluoromethane
 Concen: 47.039 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

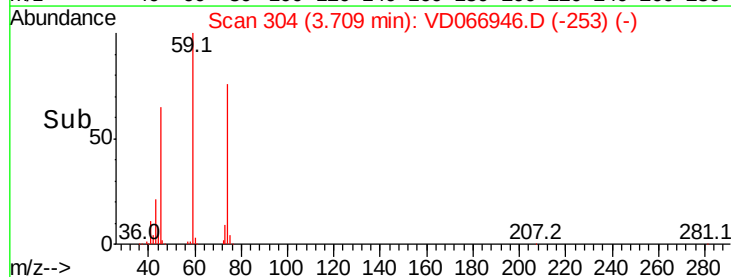
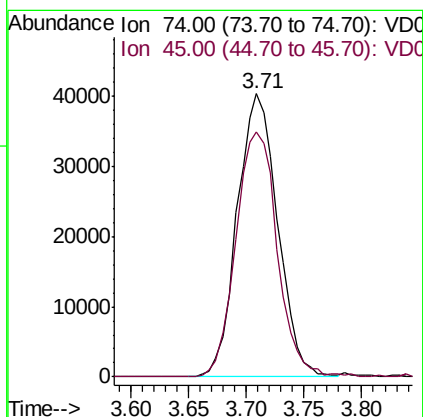
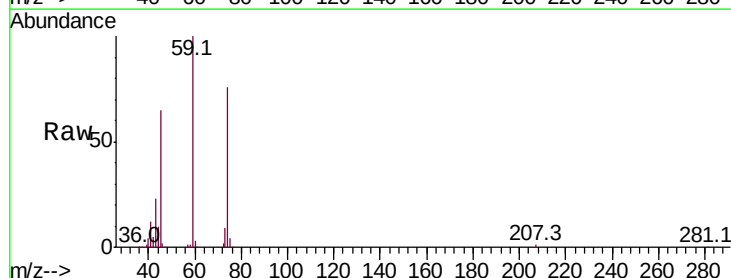
Tot Ion:101 Resp: 324671
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.0 76.6

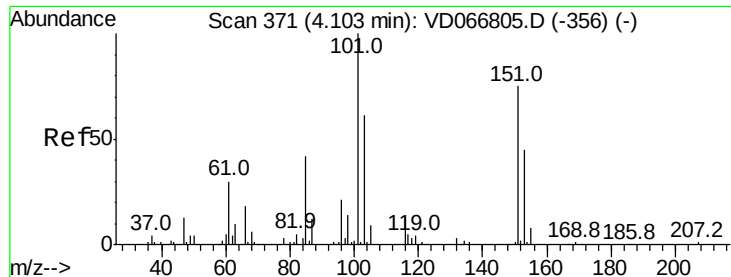


#8

Diethyl Ether
 Concen: 56.061 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion: 74 Resp: 98233
 Ion Ratio Lower Upper
 74 100
 45 89.0 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.449 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

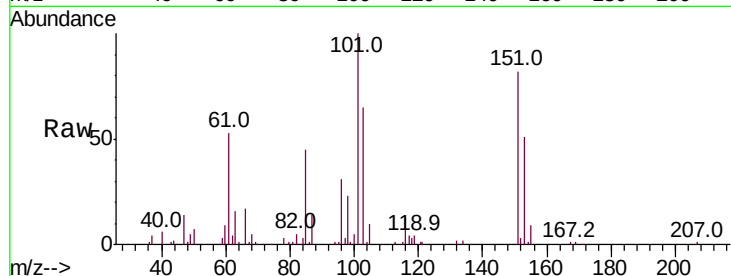
Tot Ion:101 Resp: 185900

Ion Ratio Lower Upper

101 100

85 43.1 35.4 53.2

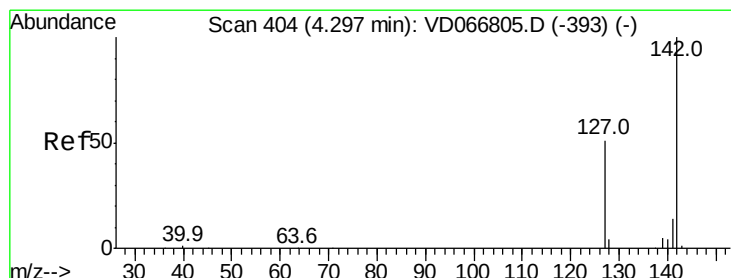
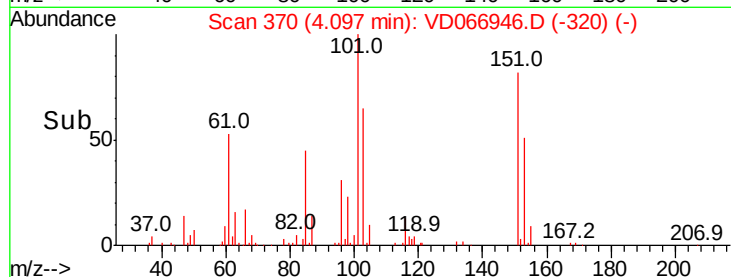
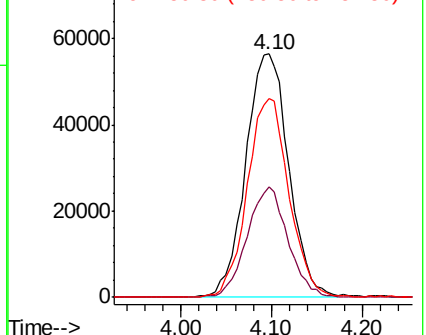
151 79.5 61.4 92.0



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: 50.231 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

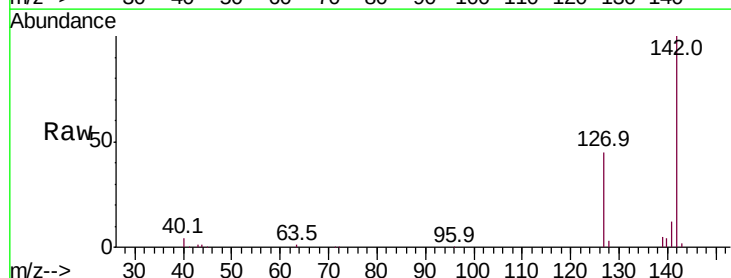
Tgt Ion:142 Resp: 177402

Ion Ratio Lower Upper

142 100

127 47.1 39.4 59.0

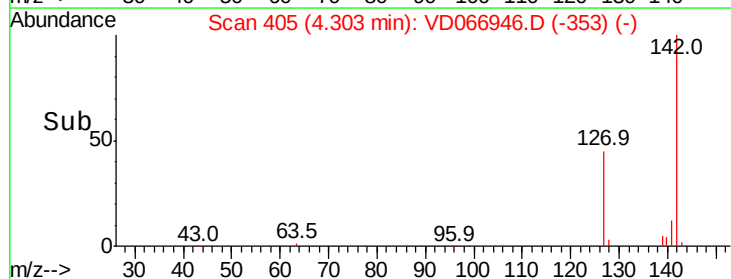
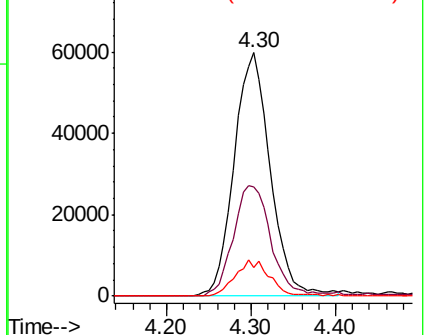
141 14.1 12.1 18.1

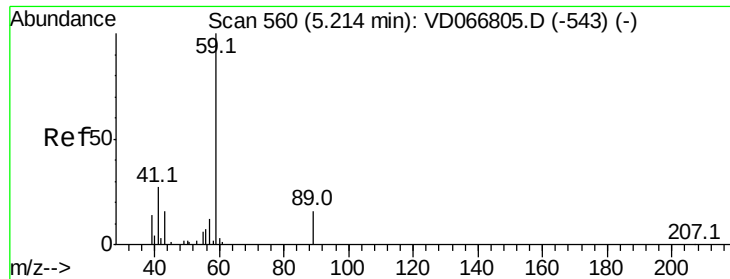


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



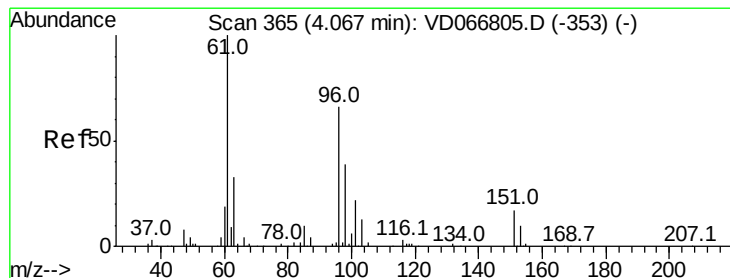
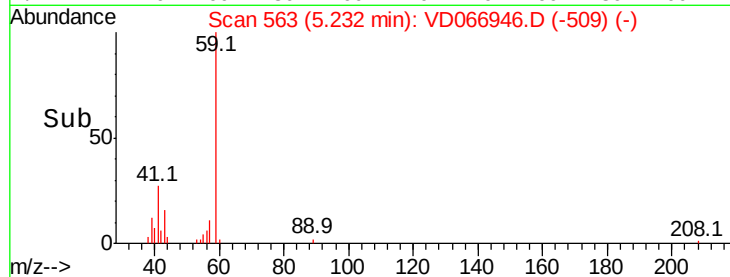
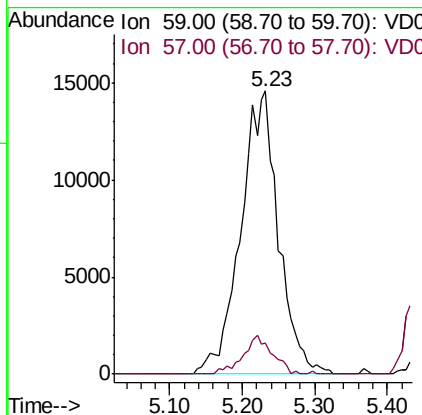
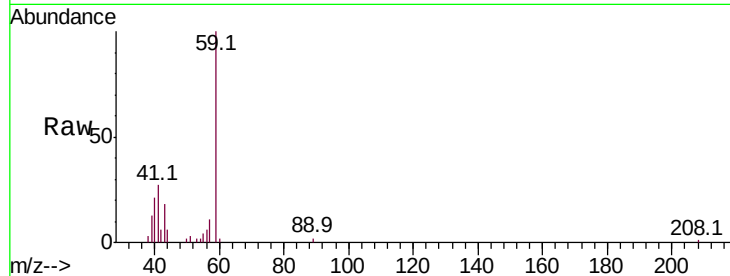


#11

Tert butyl alcohol
 Concen: 238.279 ug/l
 RT: 5.23 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

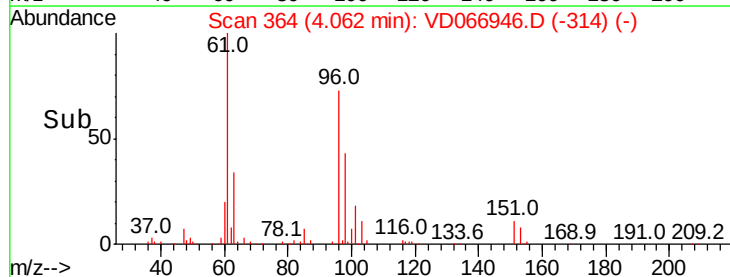
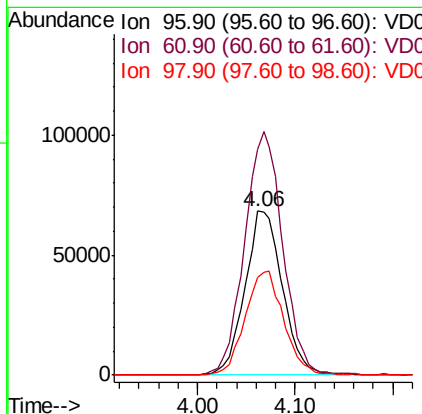
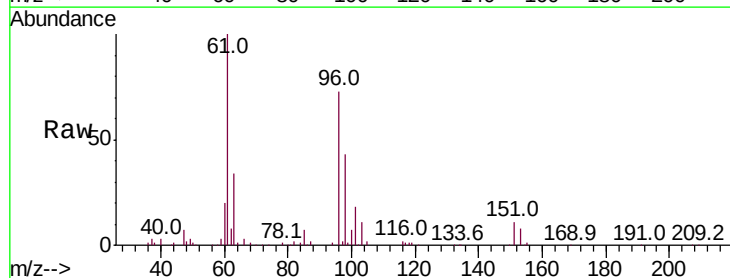
Tot Ion: 59 Resp: 52655
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

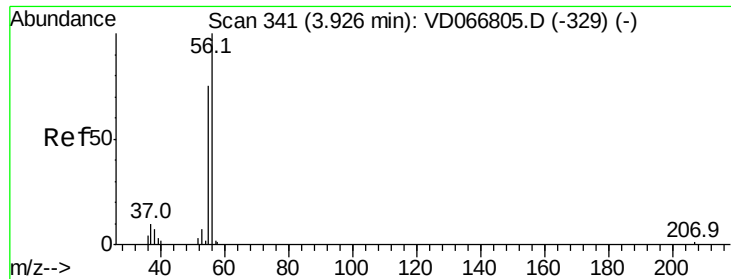


#12

1,1-Dichloroethene
 Concen: 50.613 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion: 96 Resp: 183502
 Ion Ratio Lower Upper
 96 100
 61 137.4 120.8 181.2
 98 59.4 47.7 71.5





#13

Acrolein

Concen: 242.308 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

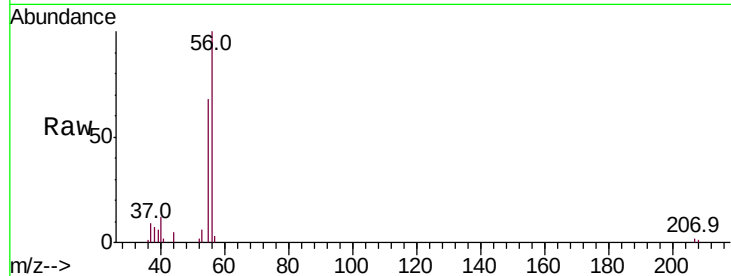
B-11(1-2)MS

Tot Ion: 56 Resp: 64776

Ion Ratio Lower Upper

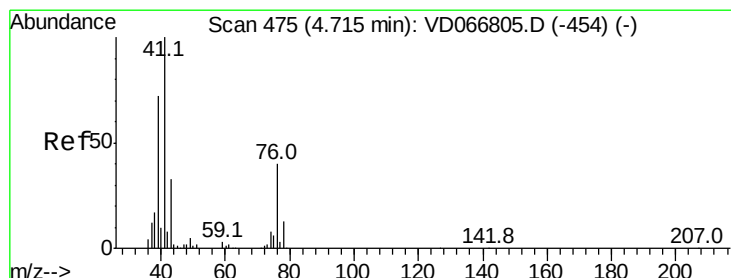
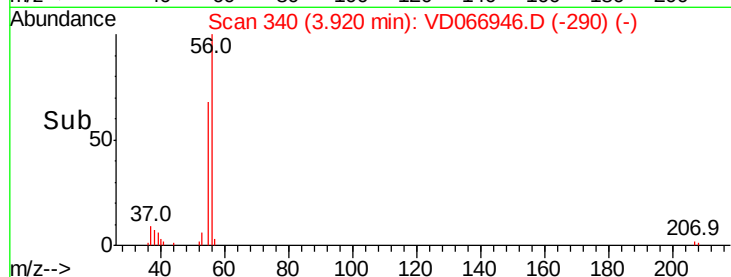
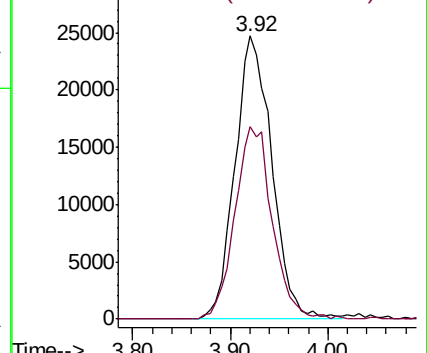
56 100

55 68.8 60.3 90.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.875 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

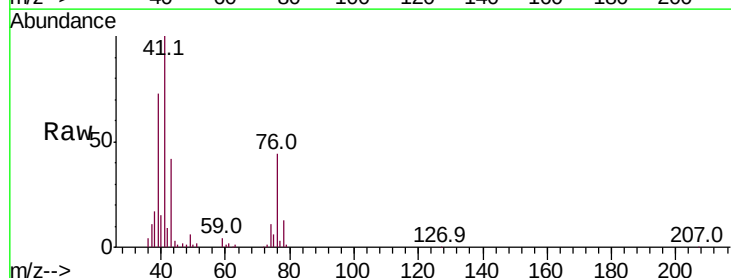
Tgt Ion: 41 Resp: 270848

Ion Ratio Lower Upper

41 100

39 71.2 57.8 86.8

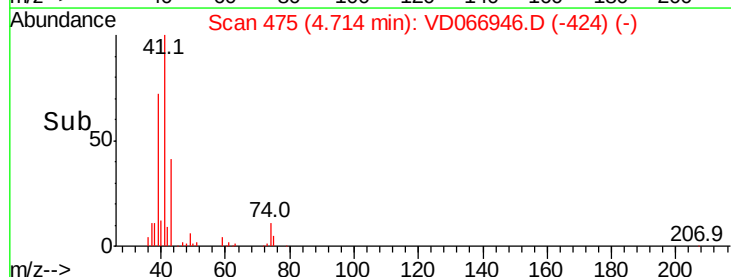
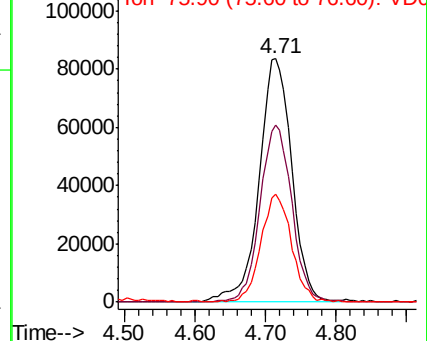
76 40.9 30.9 46.3

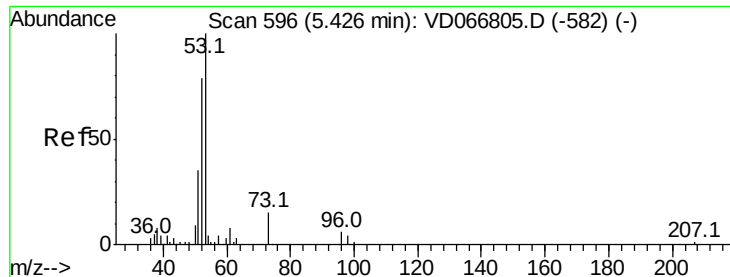


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 251.047 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

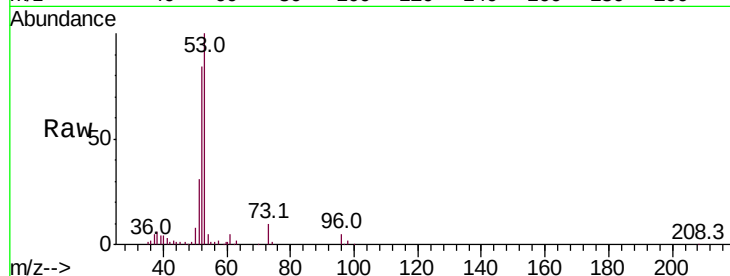
Tot Ion: 53 Resp: 194945

Ion Ratio Lower Upper

53 100

52 83.2 65.2 97.8

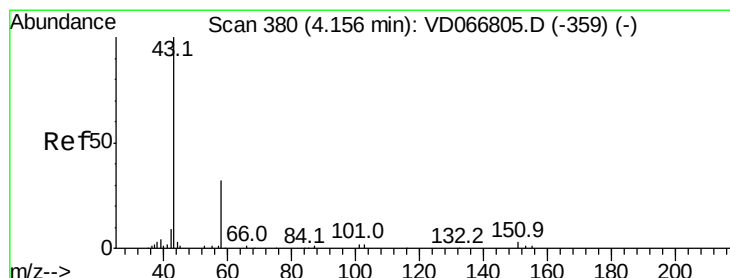
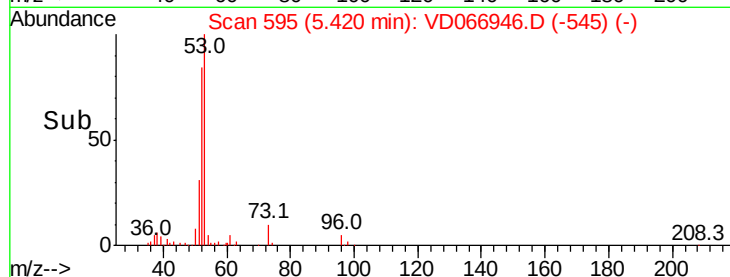
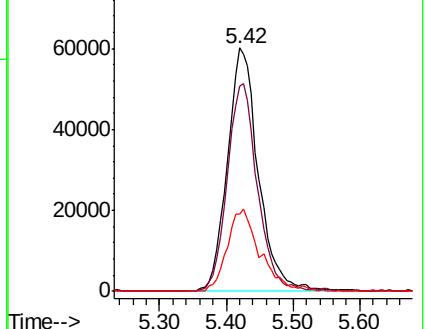
51 35.4 30.6 46.0



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: 196.836 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066946.D

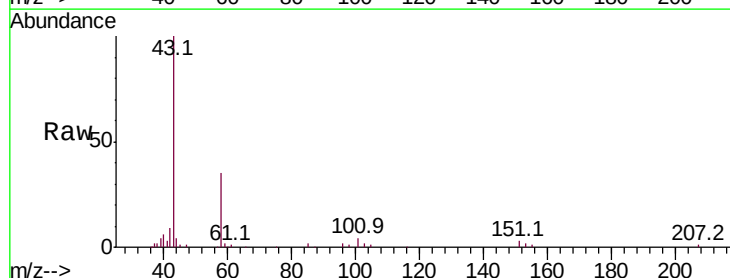
Acq: 29 Sep 2020 18:37

Tgt Ion: 43 Resp: 151316

Ion Ratio Lower Upper

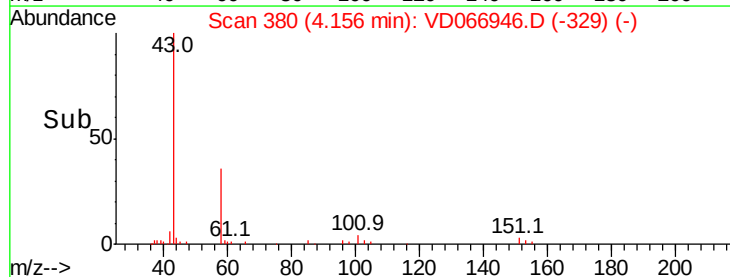
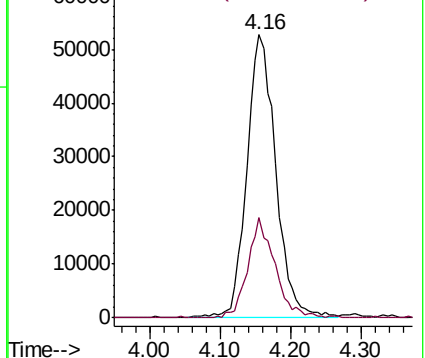
43 100

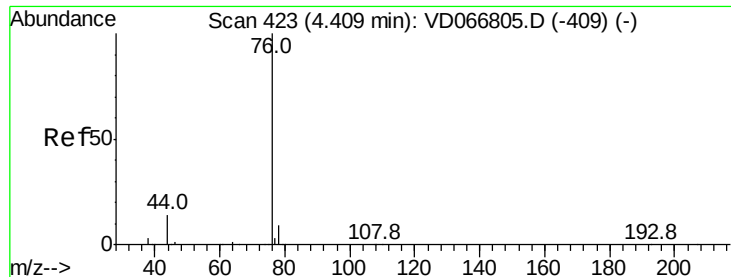
58 35.4 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 46.629 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

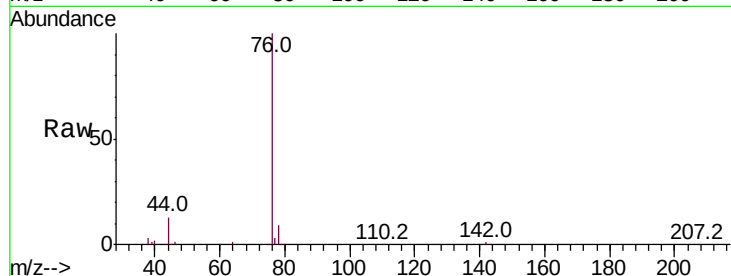
B-11(1-2)MS

Tot Ion: 76 Resp: 516848

Ion Ratio Lower Upper

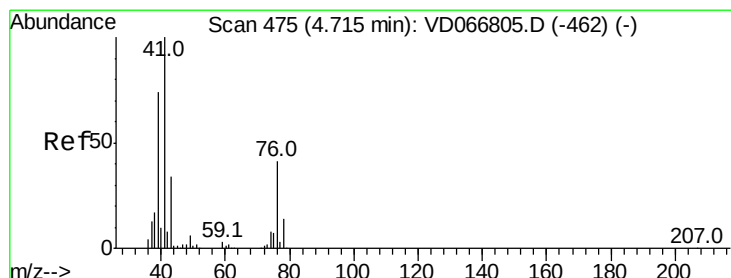
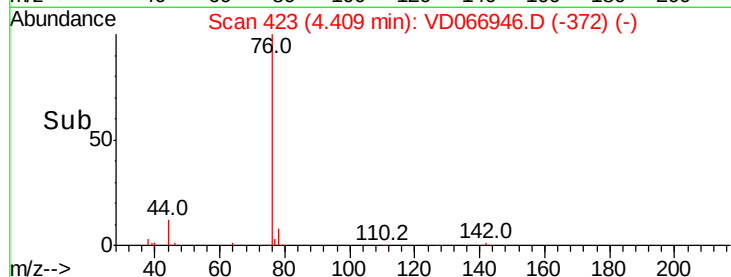
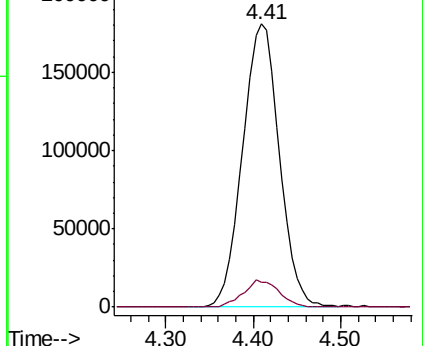
76 100

78 8.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 66.417 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066946.D

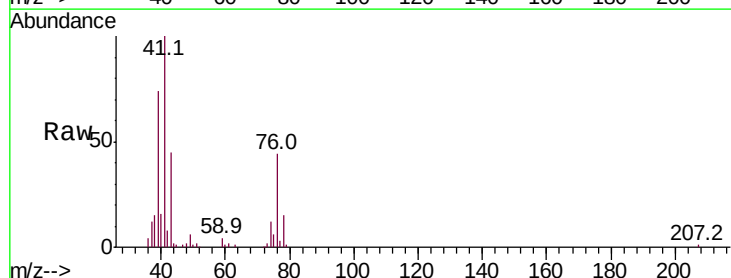
Acq: 29 Sep 2020 18:37

Tgt Ion: 43 Resp: 111878

Ion Ratio Lower Upper

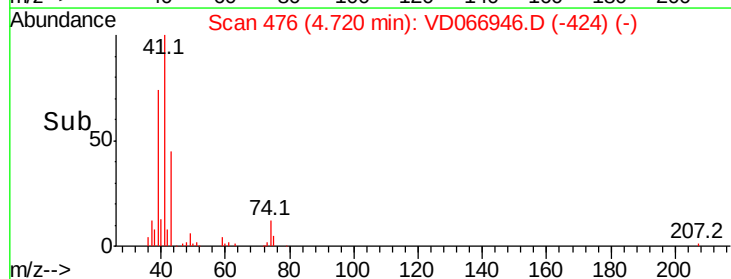
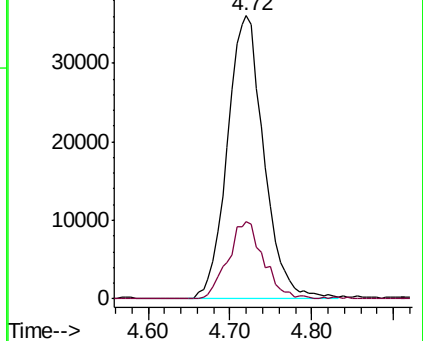
43 100

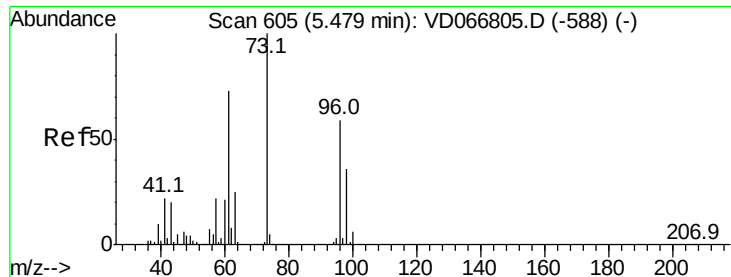
74 26.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

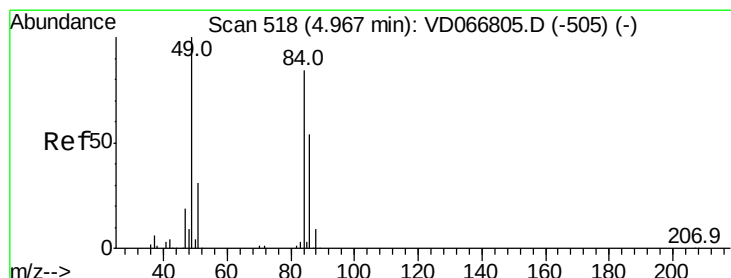
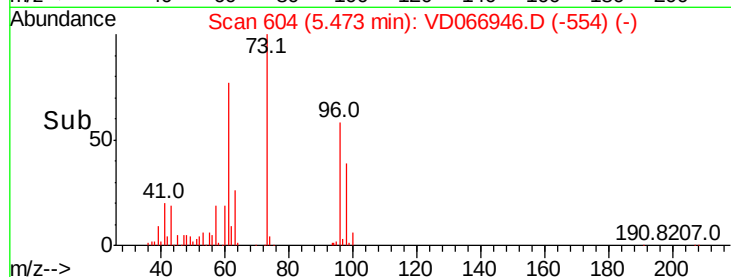
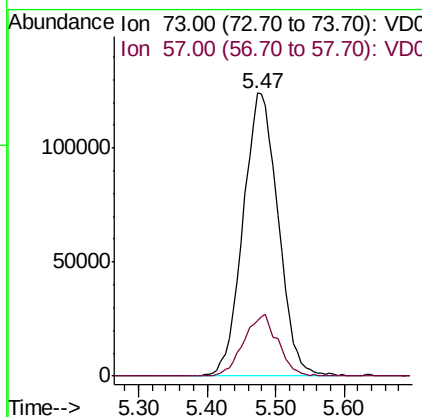
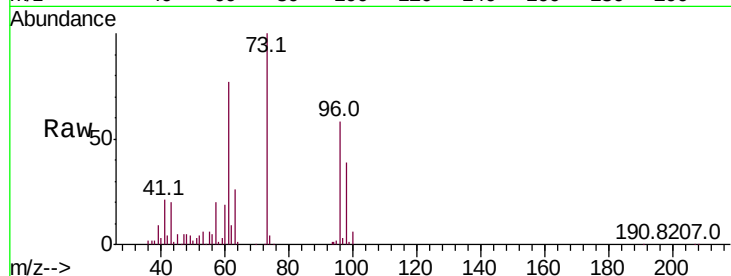




#19
Methyl tert-butyl Ether
Concen: 56.014 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

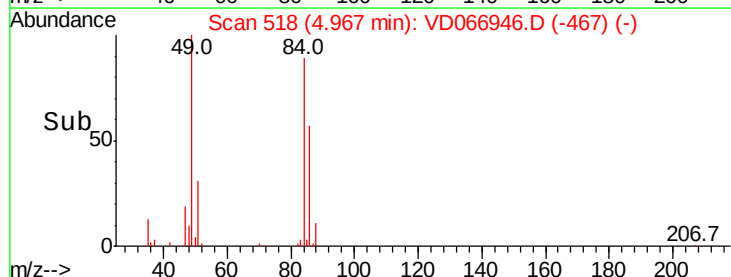
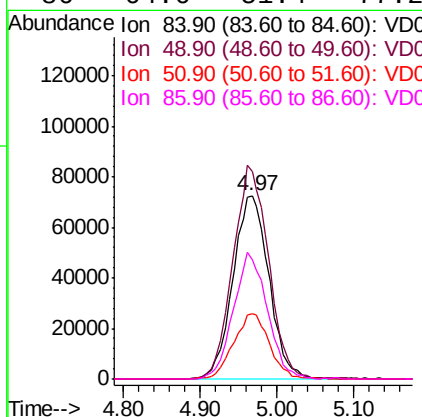
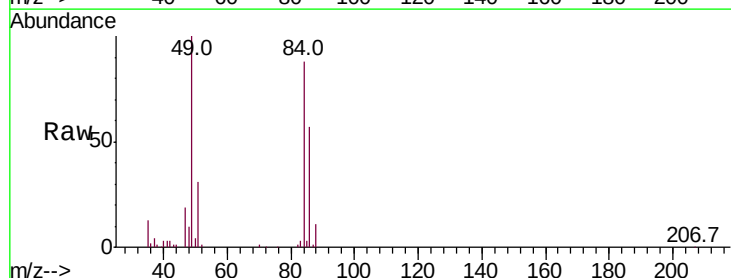
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

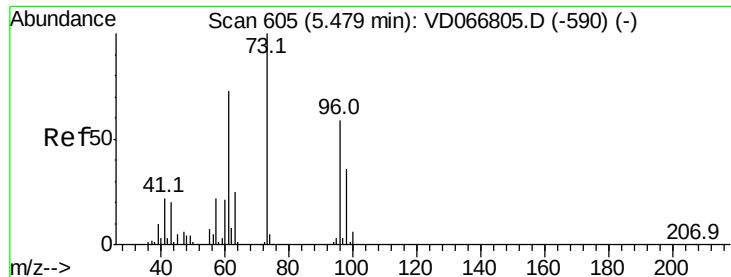
Tot Ion: 73 Resp: 441027
Ion Ratio Lower Upper
73 100
57 19.6 17.4 26.2



#20
Methylene Chloride
Concen: 57.923 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 84 Resp: 236488
Ion Ratio Lower Upper
84 100
49 113.2 95.4 143.2
51 35.4 29.7 44.5
86 64.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 53.322 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

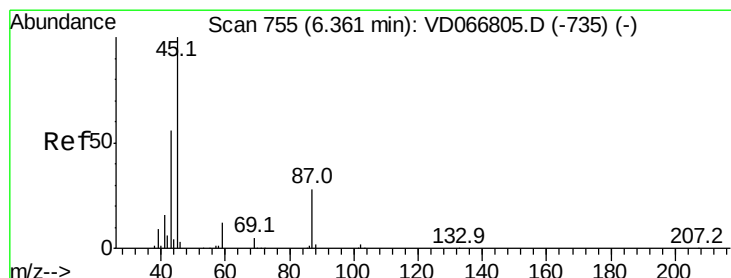
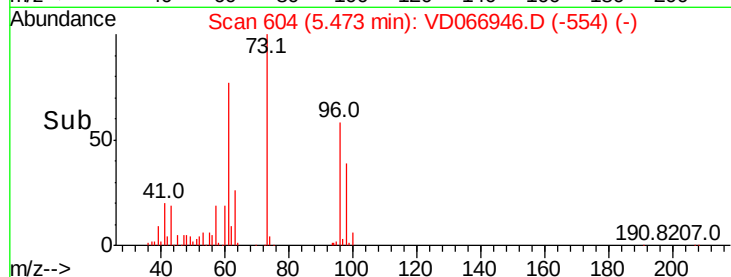
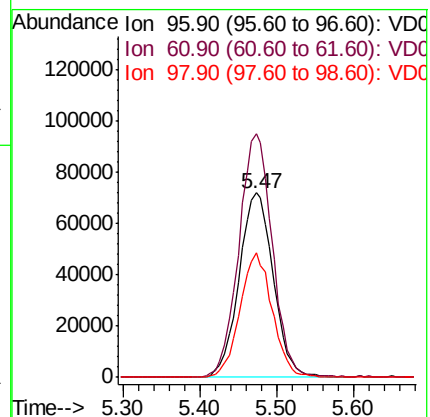
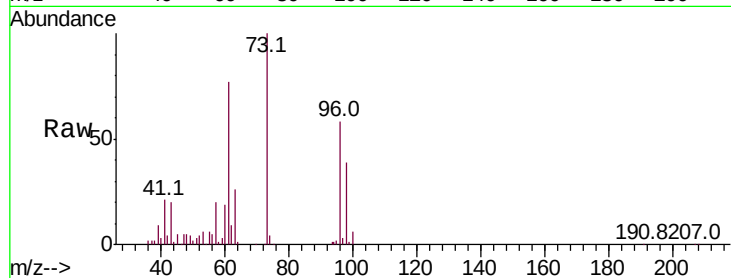
Tot Ion: 96 Resp: 223844

Ion Ratio Lower Upper

96 100

61 131.9 98.9 148.3

98 67.6 48.4 72.6



#22

Diisopropyl ether

Concen: 55.080 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Tgt Ion: 45 Resp: 602916

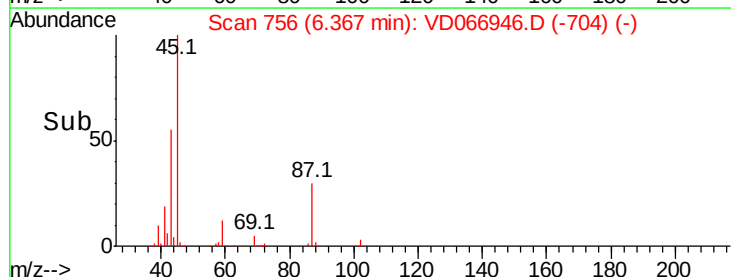
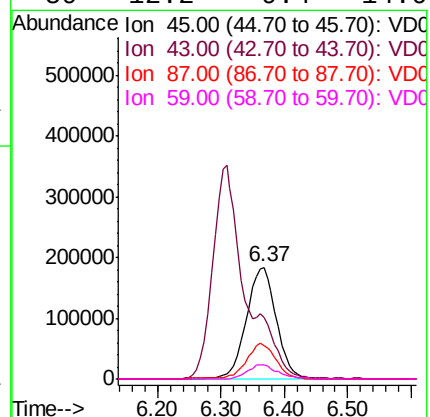
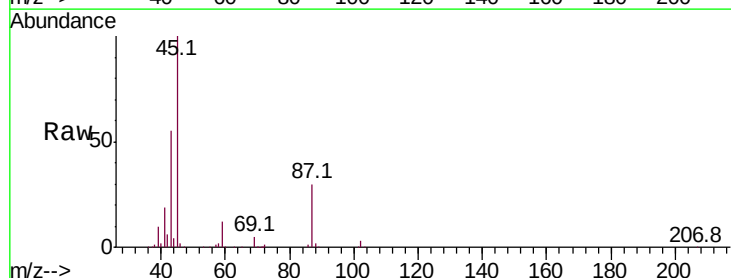
Ion Ratio Lower Upper

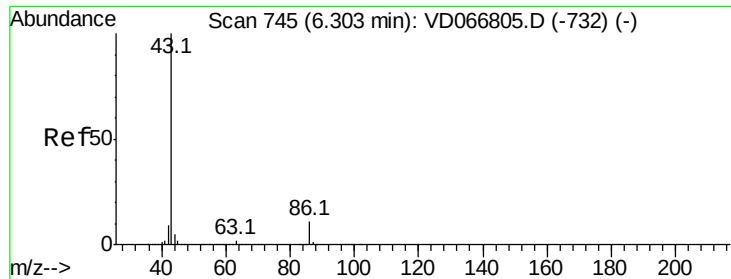
45 100

43 54.4 44.5 66.7

87 29.3 22.9 34.3

59 12.2 9.4 14.0





#23

Vinyl Acetate

Concen: 182.091 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

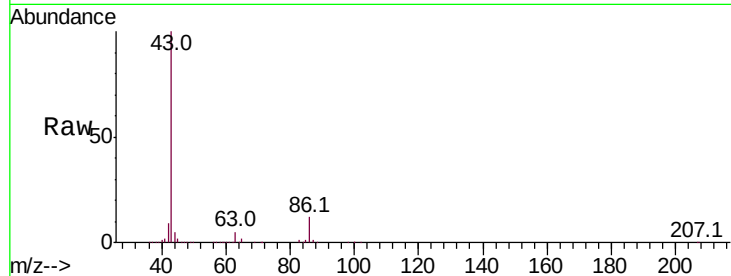
B-11(1-2)MS

Tot Ion: 43 Resp: 1077813

Ion Ratio Lower Upper

43 100

86 12.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

400000

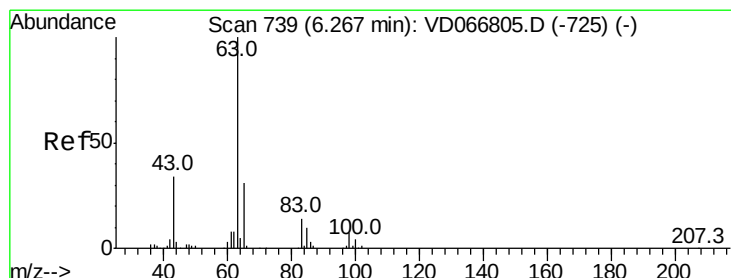
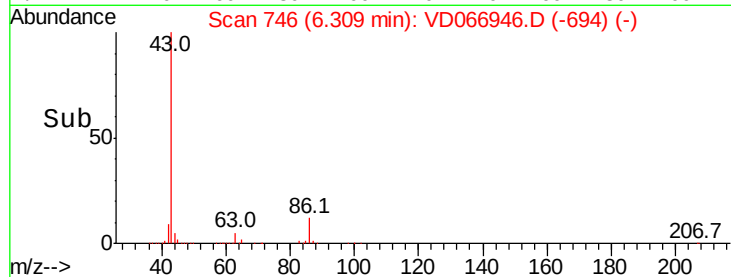
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.427 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

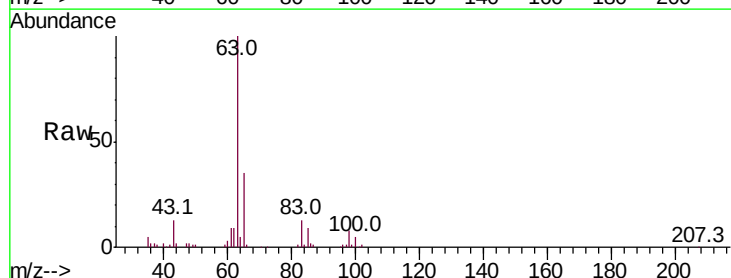
Tgt Ion: 63 Resp: 383915

Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 5.4 1.8 5.5



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

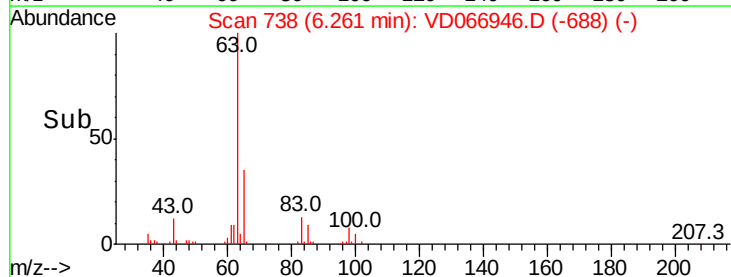
150000

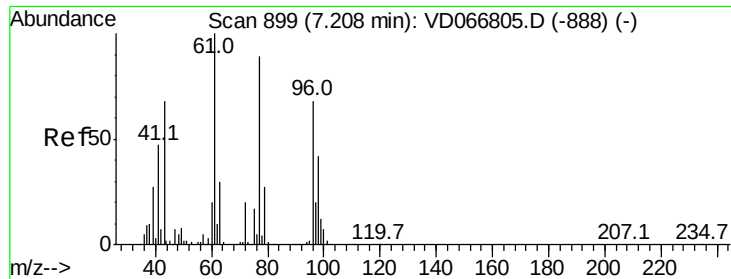
100000

50000

0

Time-->





#25

2-Butanone

Concen: 236.146 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

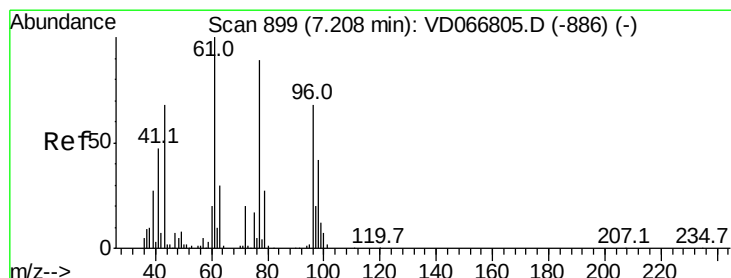
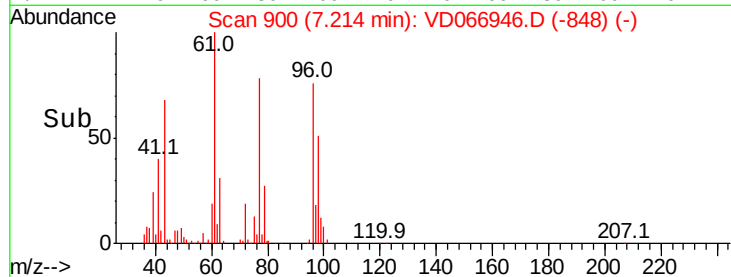
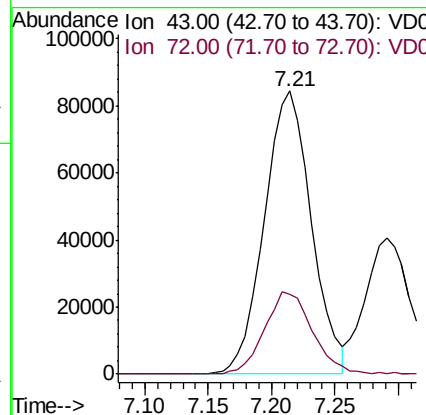
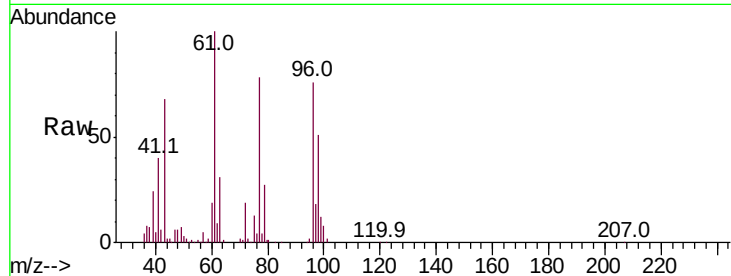
B-11(1-2)MS

Tot Ion: 43 Resp: 218156

Ion Ratio Lower Upper

43 100

72 28.3 22.9 34.3



#26

2,2-Dichloropropane

Concen: 45.513 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066946.D

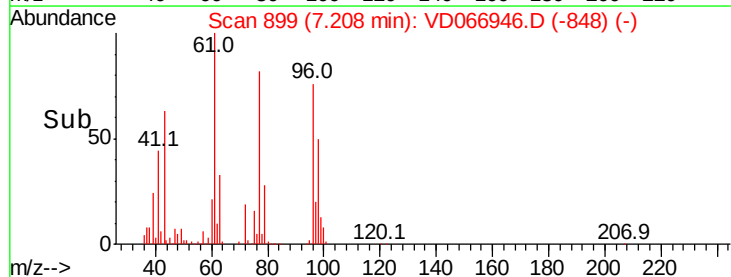
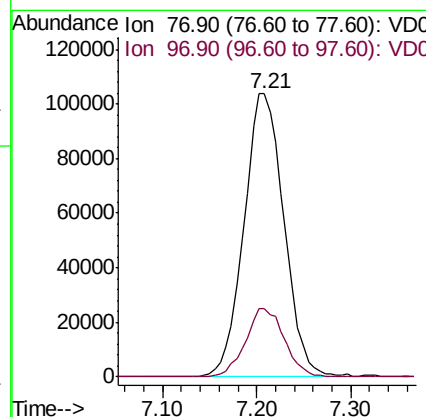
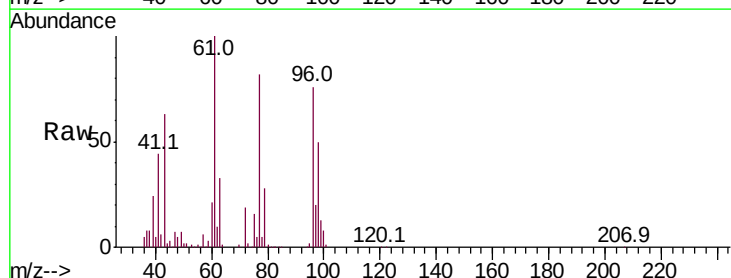
Acq: 29 Sep 2020 18:37

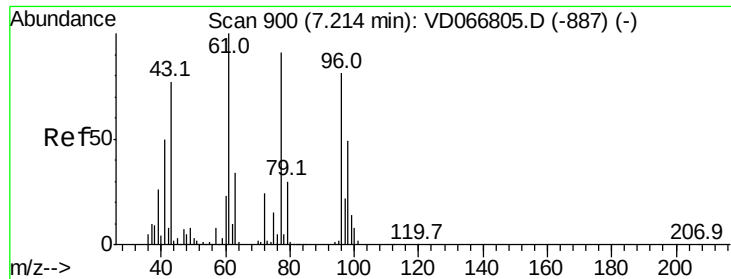
Tgt Ion: 77 Resp: 305477

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1

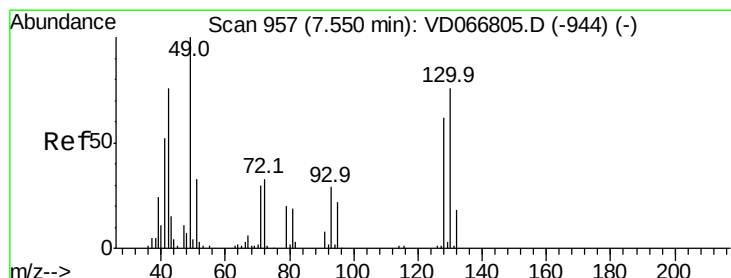
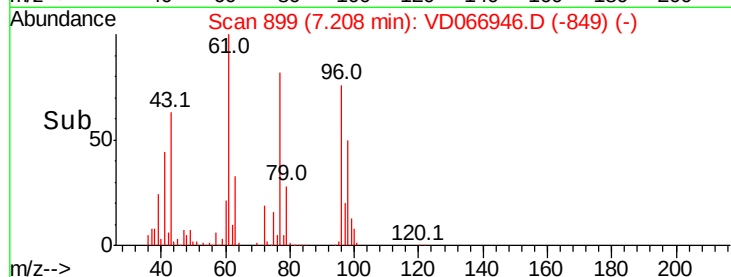
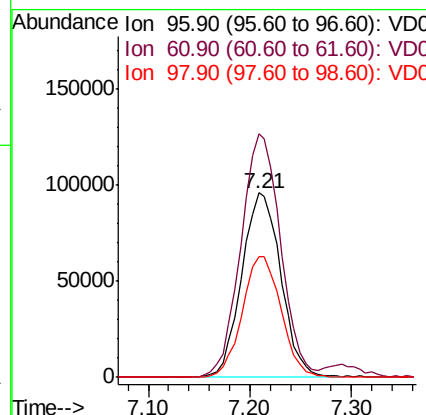
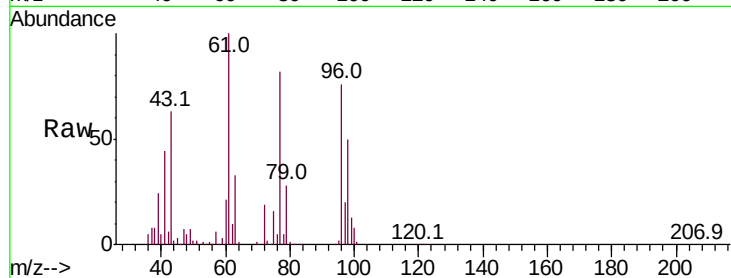




#27
 cis-1,2-Dichloroethene
 Concen: 56.351 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

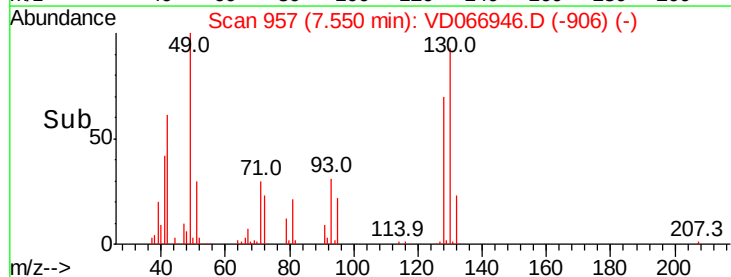
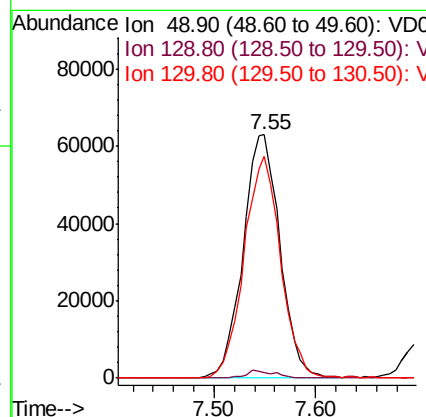
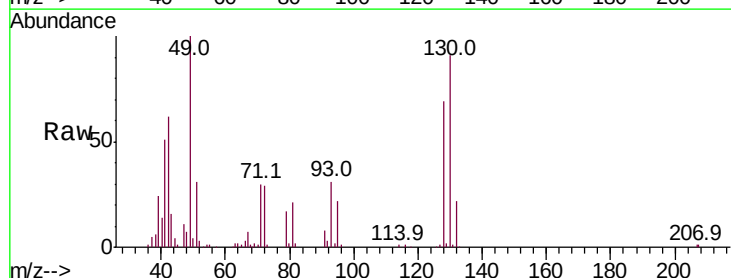
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

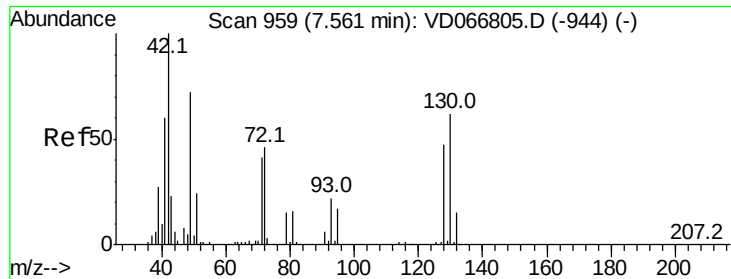
Tot Ion	96	Resp	257029
Ion Ratio	Lower	Upper	
96	100		
61	134.0	0.0	283.8
98	65.4	0.0	128.4



#28
 Bromochloromethane
 Concen: 52.482 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion	49	Resp	158771
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	2.0#
130	90.1	65.9	98.9





#29

Tetrahydrofuran

Concen: 245.262 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

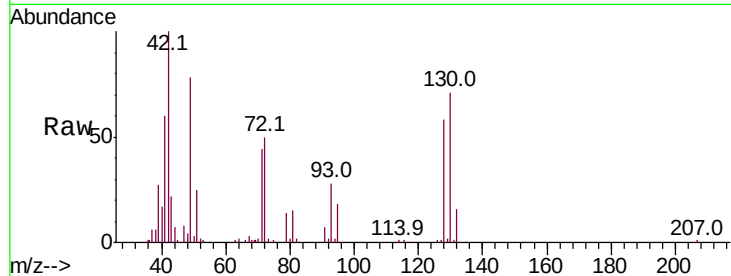
Tot Ion: 42 Resp: 145180

Ion Ratio Lower Upper

42 100

72 47.6 36.2 54.4

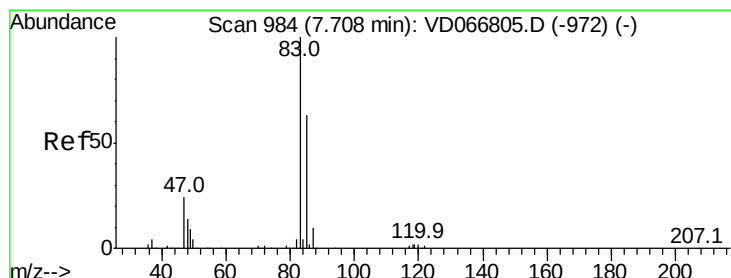
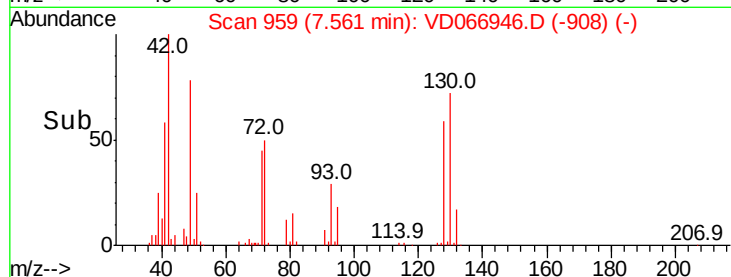
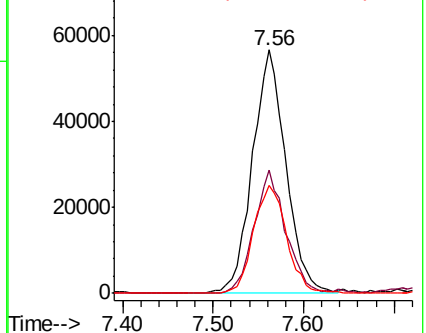
71 44.1 32.4 48.6



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: 54.069 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD066946.D

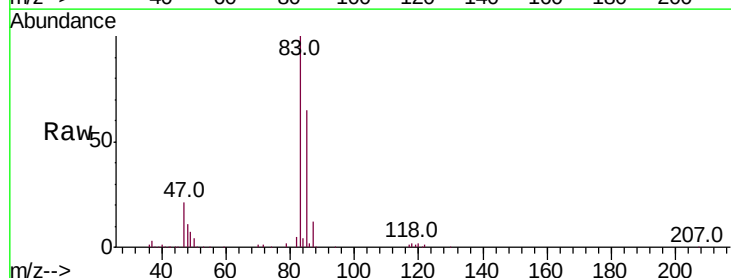
Acq: 29 Sep 2020 18:37

Tgt Ion: 83 Resp: 426800

Ion Ratio Lower Upper

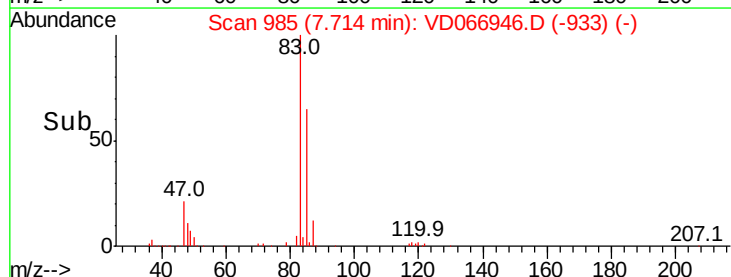
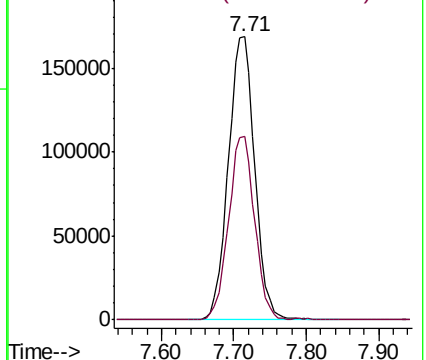
83 100

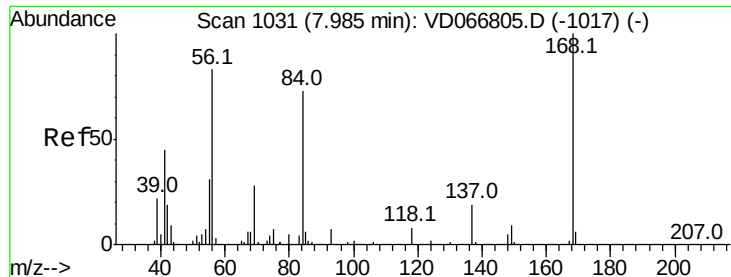
85 64.9 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

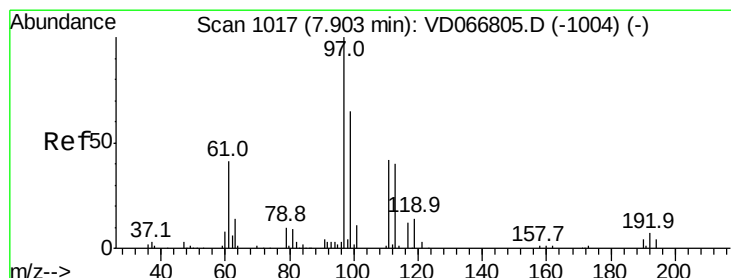
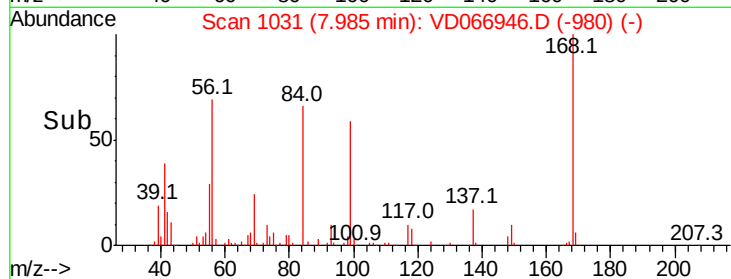
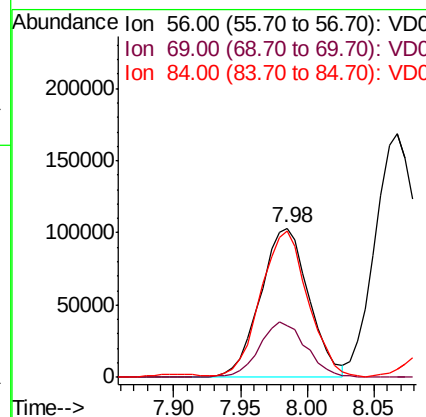
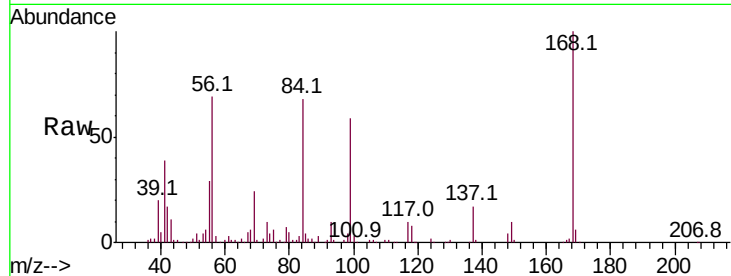




#31
Cyclohexane
Concen: 39.517 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

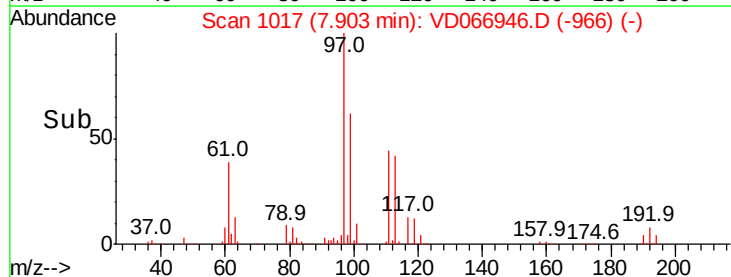
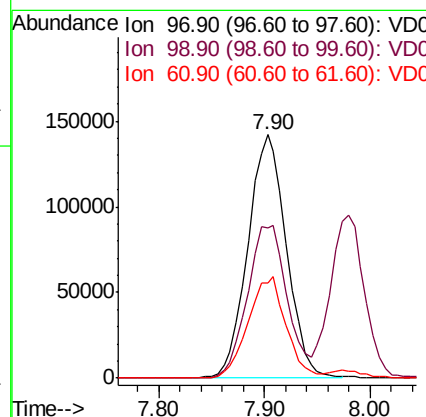
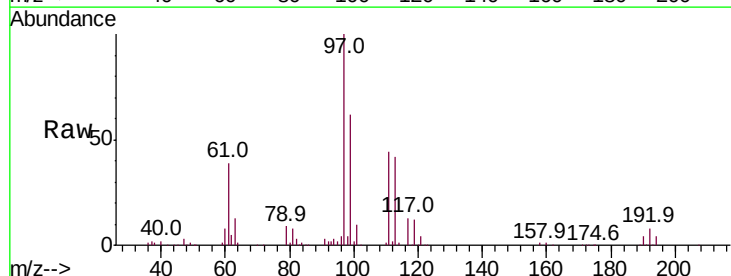
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

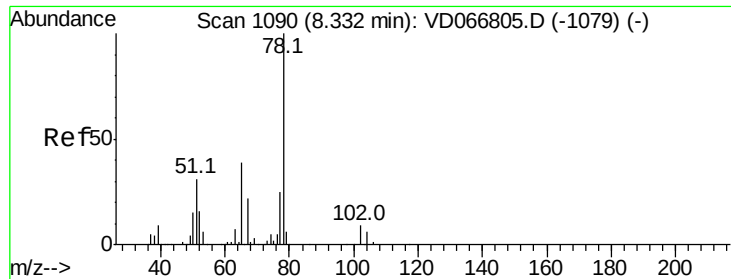
Tot Ion: 56 Resp: 260377
Ion Ratio Lower Upper
56 100
69 34.8 27.0 40.4
84 96.7 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 50.377 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 97 Resp: 359729
Ion Ratio Lower Upper
97 100
99 65.3 51.5 77.3
61 41.1 34.2 51.4

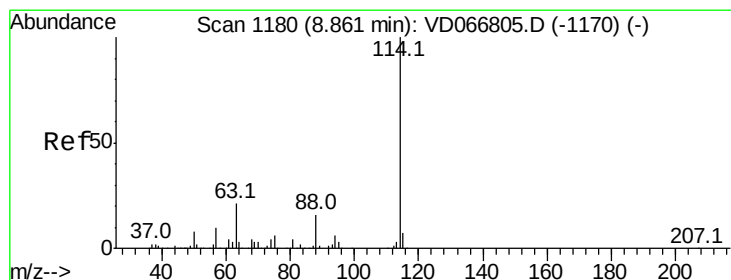
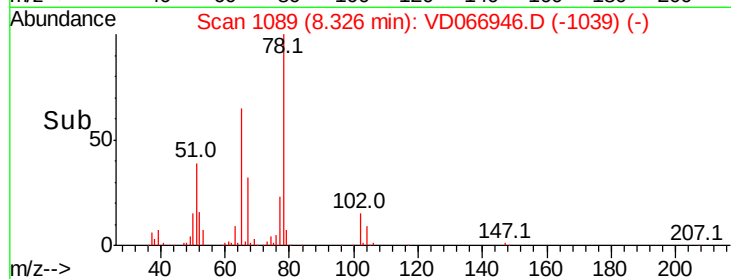
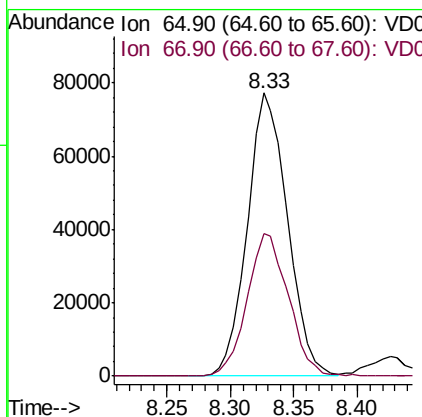
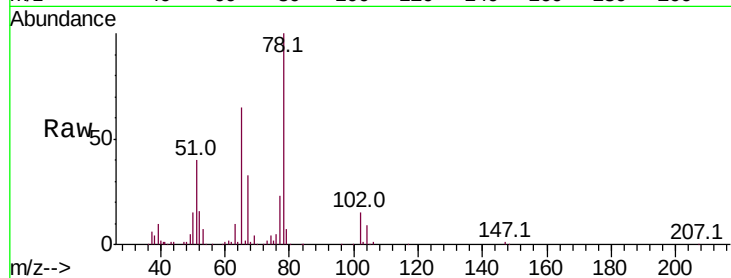




#33
 1,2-Dichloroethane-d4
 Concen: 47.047 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

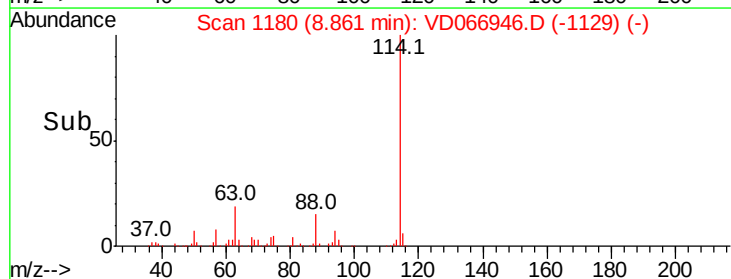
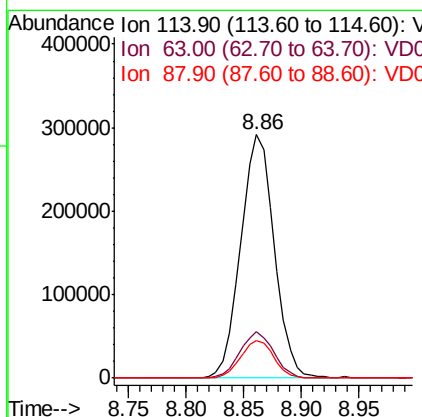
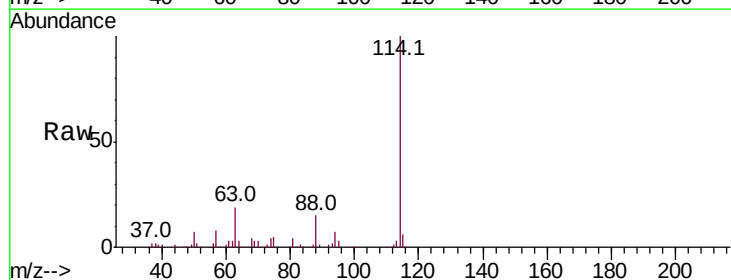
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

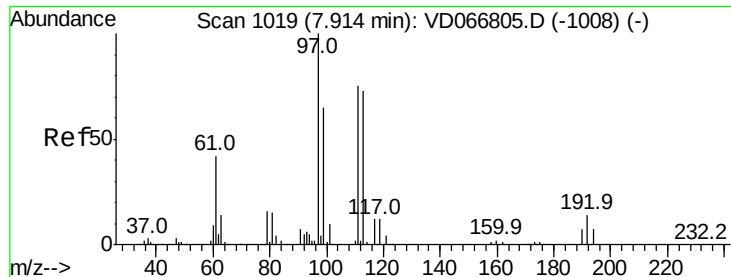
Tot Ion: 65 Resp: 170492
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion: 114 Resp: 589516
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.6
 88 15.2 0.0 32.6

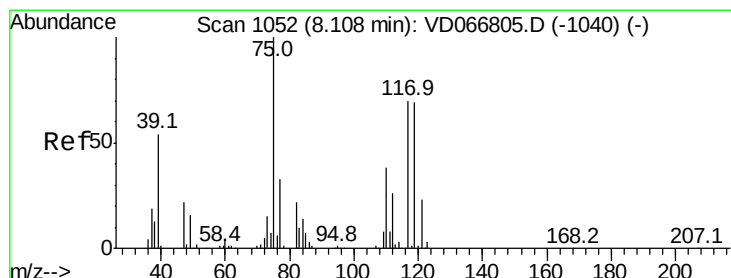
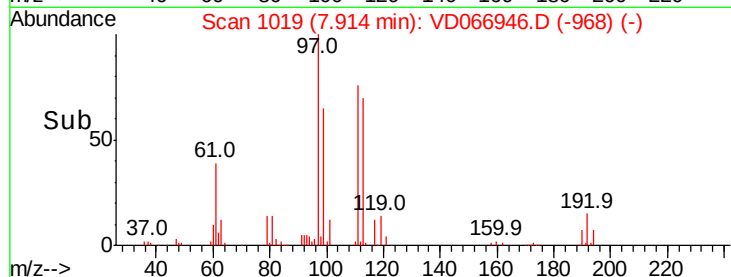
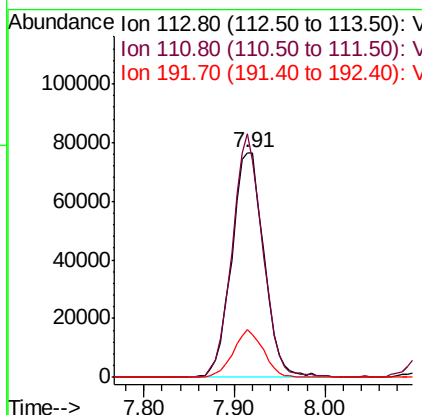
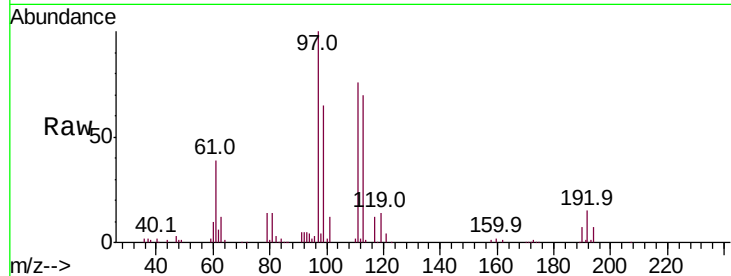




#35
 Dibromofluoromethane
 Concen: 50.720 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

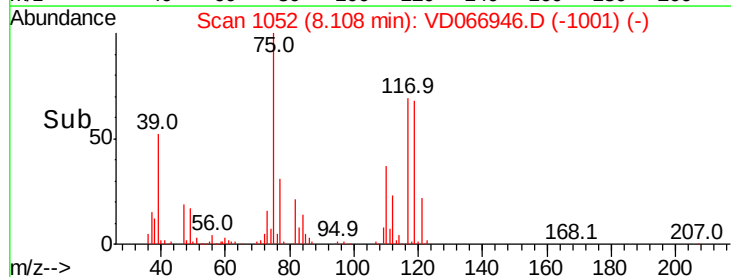
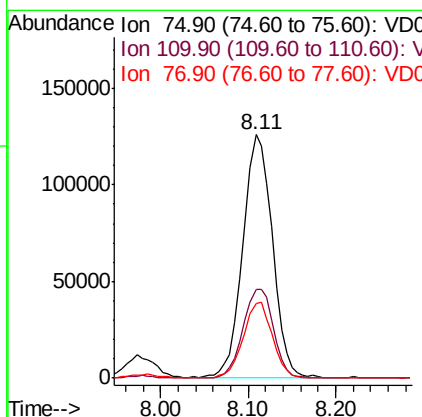
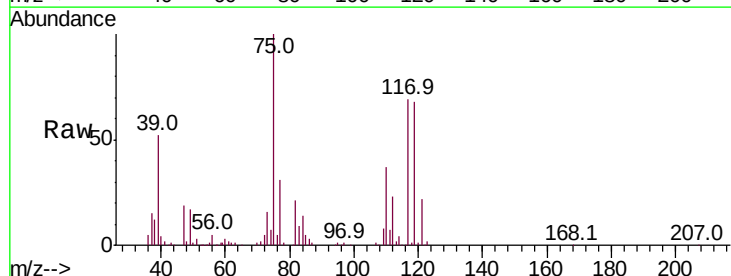
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

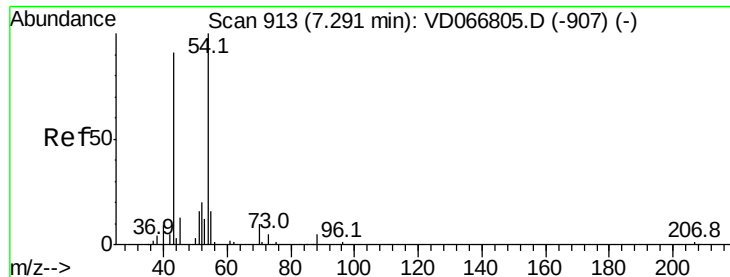
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	19.6	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 49.205 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	17.9	53.8
77	30.9	25.0	37.6

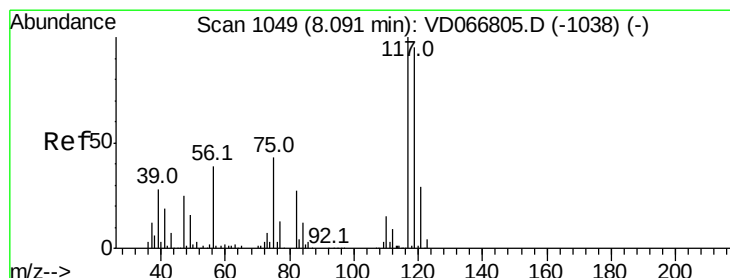
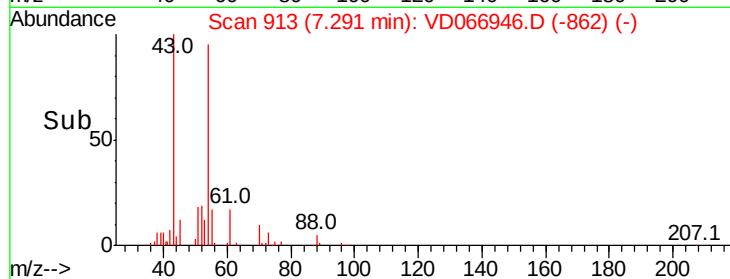
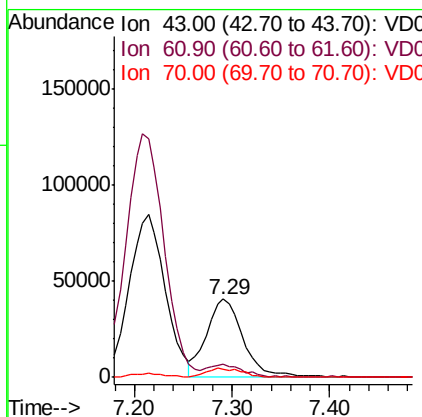
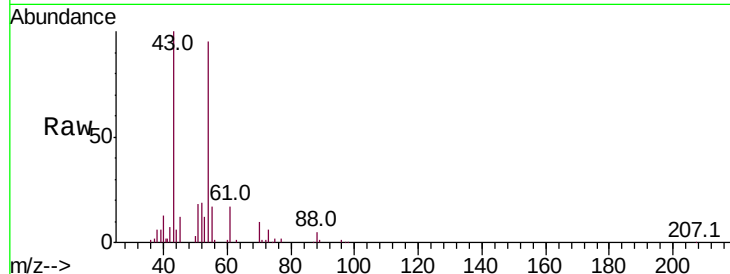




#37
Ethyl Acetate
Concen: 48.887 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

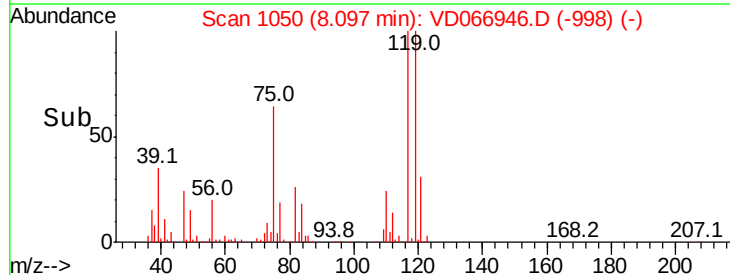
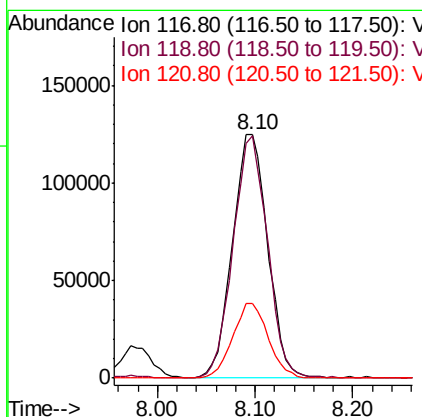
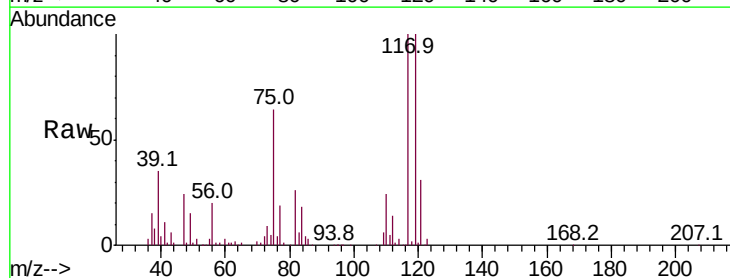
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

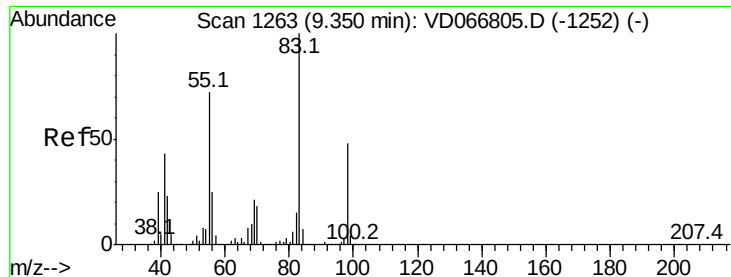
Tot Ion: 43 Resp: 103360
Ion Ratio Lower Upper
43 100
61 15.5 9.8 14.8#
70 11.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.860 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 117 Resp: 312415
Ion Ratio Lower Upper
117 100
119 99.9 75.8 113.8
121 30.7 23.4 35.0

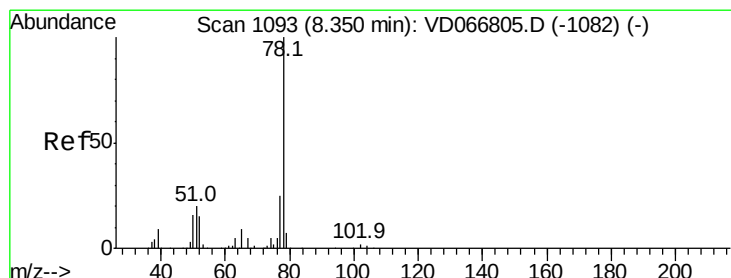
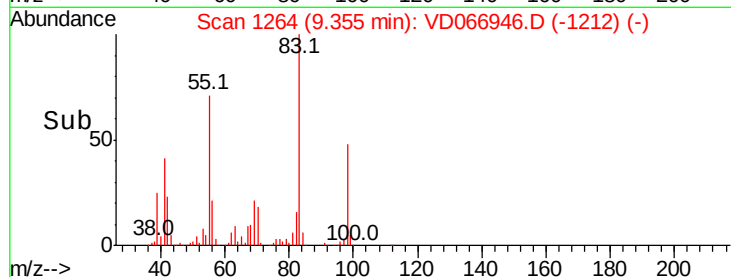
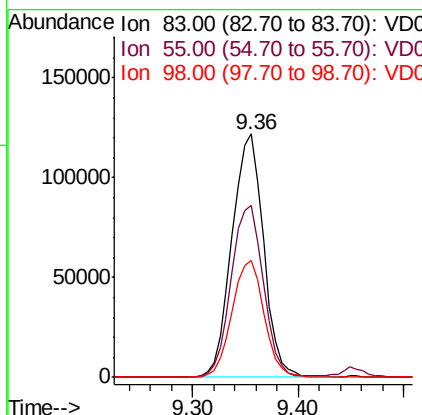
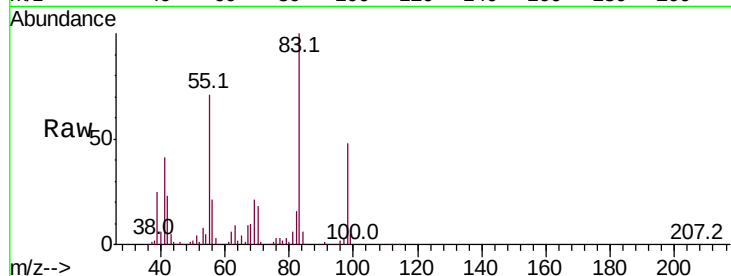




#39
Methylvlcyclohexane
Concen: 37.775 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

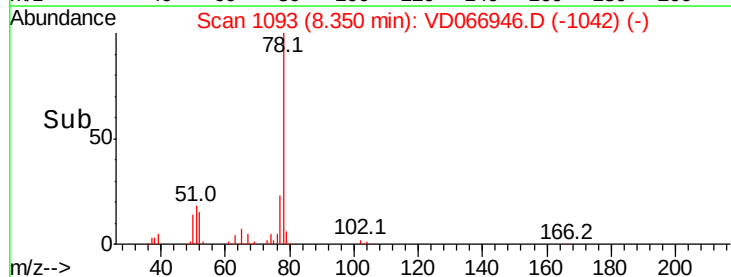
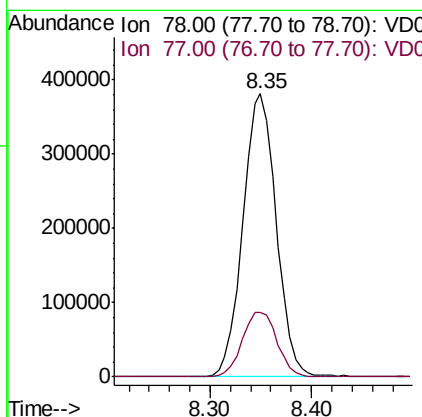
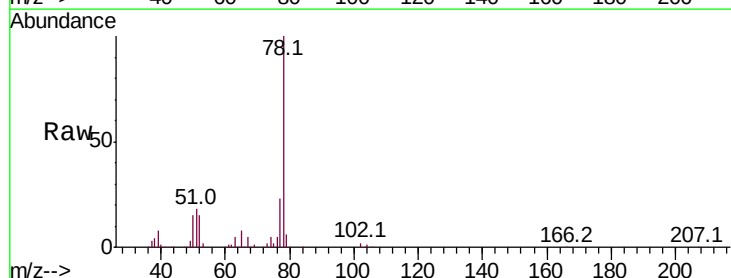
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

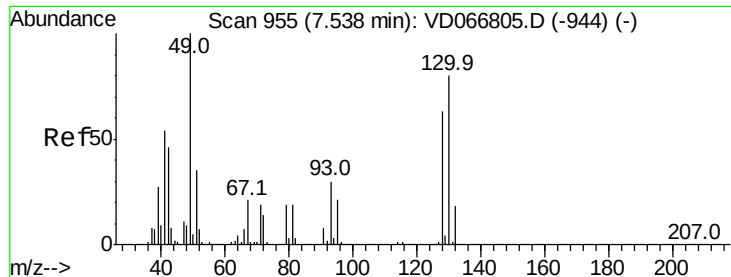
Tot Ion	83	Resp	253656
Ion Ratio	100		
Lower	57.7		
Upper	86.5		
83	70.5		
98	48.2		
	38.4		



#40
Benzene
Concen: 53.438 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion	78	Resp	871019
Ion Ratio	100		
Lower	19.9		
Upper	29.9		
78	22.7		
77			

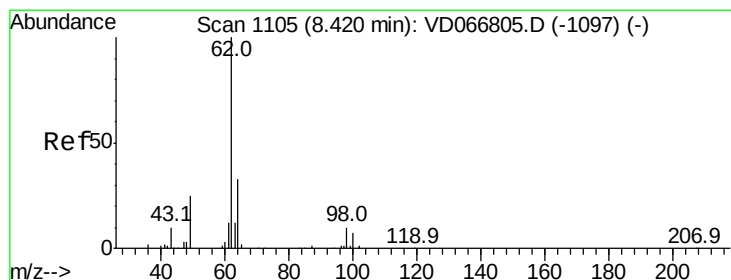
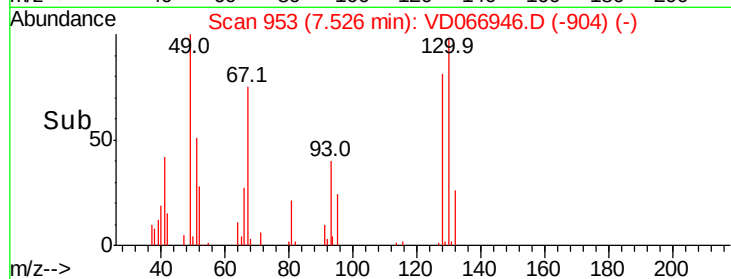
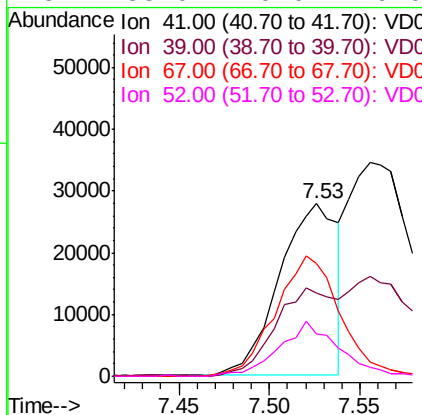
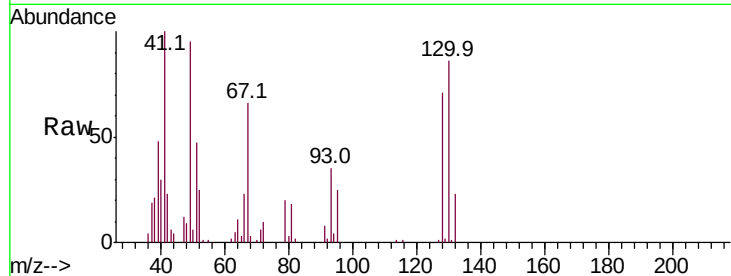




#41
Methacrylonitrile
Concen: 47.493 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

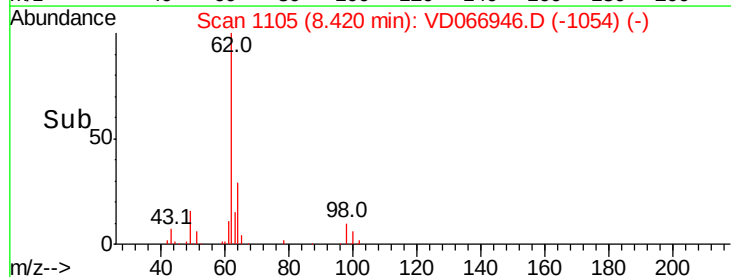
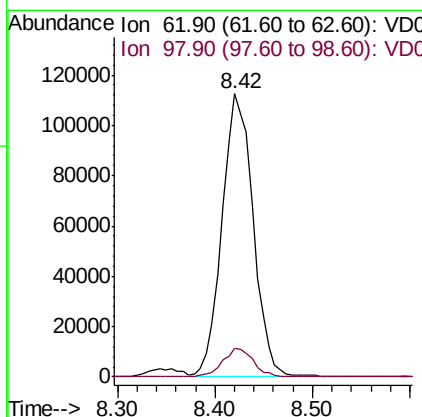
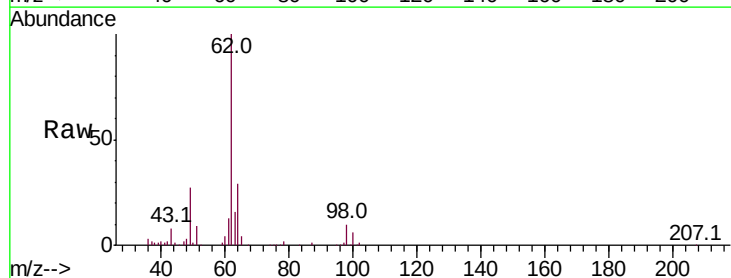
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

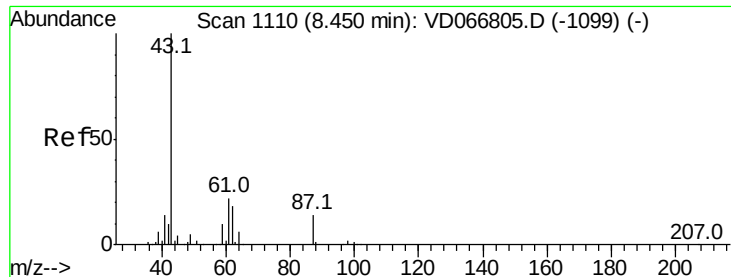
Tot Ion: 41 Resp: 61751
Ion Ratio Lower Upper
41 100
39 54.1 0.0 0.0#
67 78.3 0.0 0.0#
52 33.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 51.803 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 62 Resp: 249618
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 48.849 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

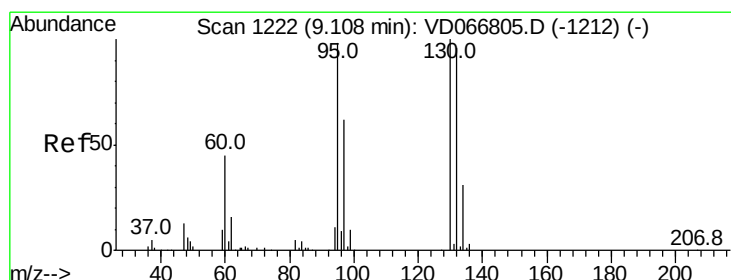
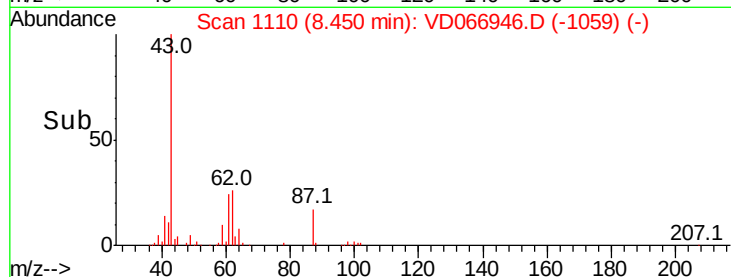
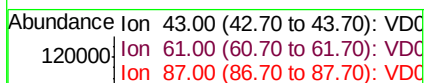
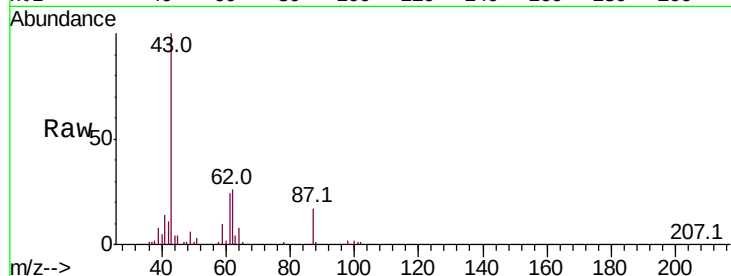
Tot Ion: 43 Resp: 199121

Ion Ratio Lower Upper

43 100

61 34.0 26.2 39.4

87 15.5 11.5 17.3



#44

Trichloroethene

Concen: 52.225 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066946.D

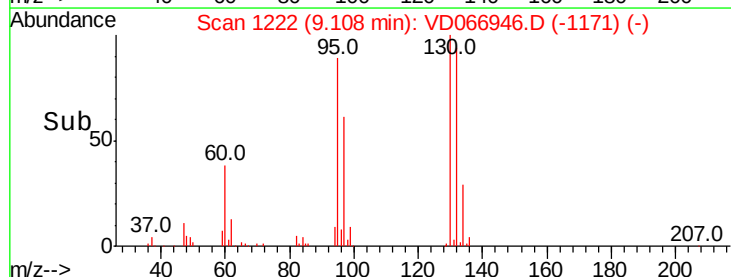
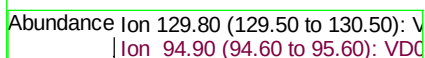
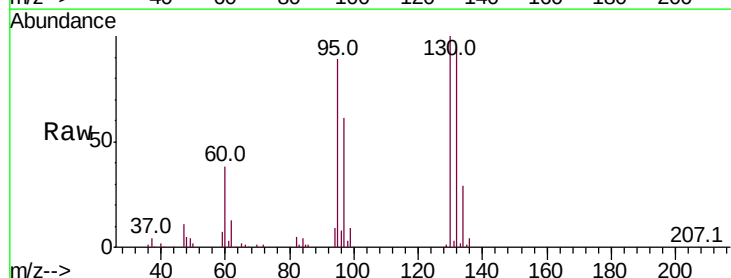
Acq: 29 Sep 2020 18:37

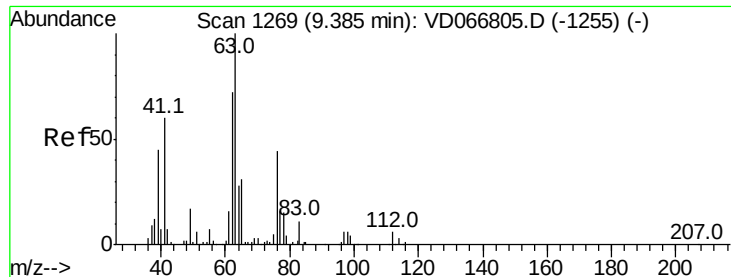
Tgt Ion:130 Resp: 242636

Ion Ratio Lower Upper

130 100

95 89.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 53.520 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

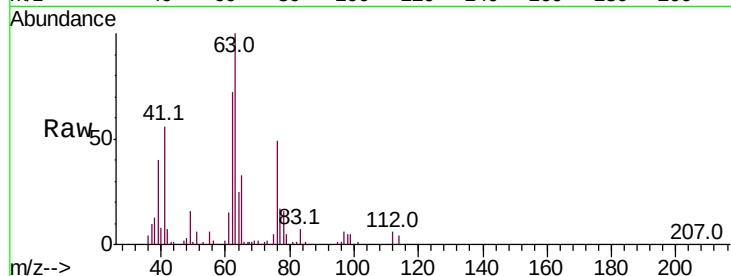
B-11(1-2)MS

Tot Ion: 63 Resp: 219484

Ion Ratio Lower Upper

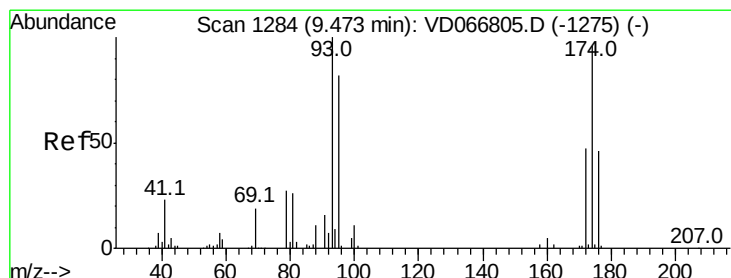
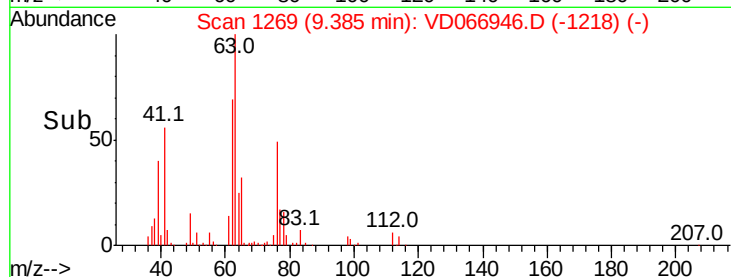
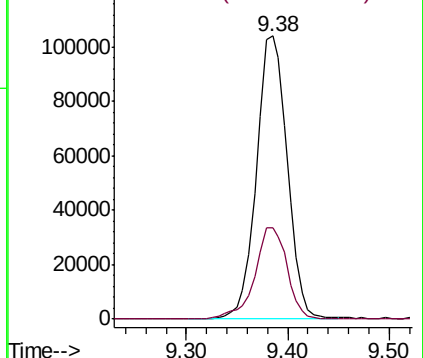
63 100

65 32.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.221 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

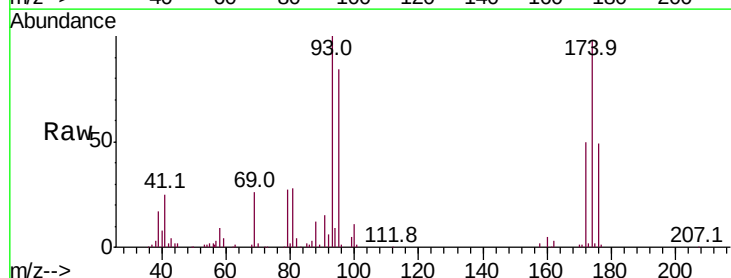
Tgt Ion: 93 Resp: 118585

Ion Ratio Lower Upper

93 100

95 85.0 65.3 97.9

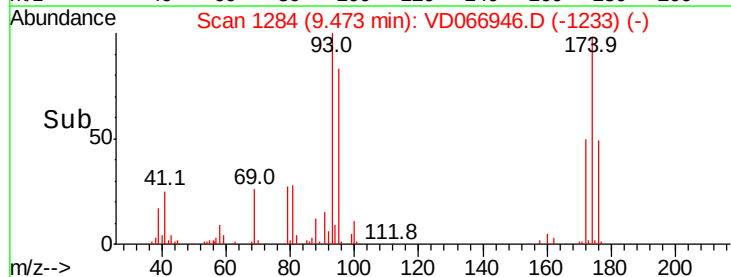
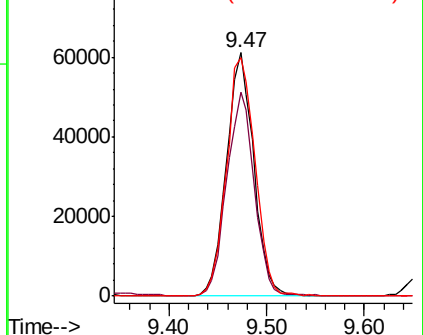
174 103.0 75.4 113.2

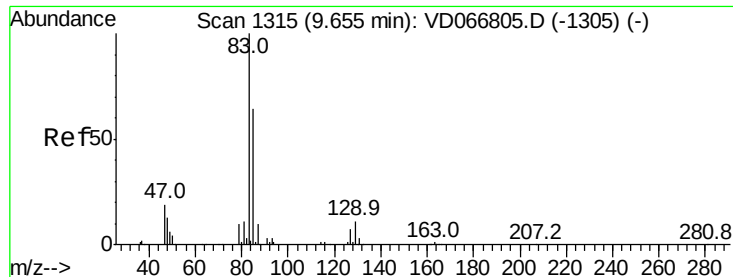


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.295 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

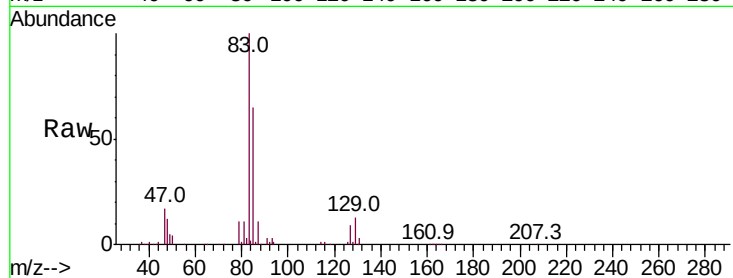
Tot Ion: 83 Resp: 324985

Ion Ratio Lower Upper

83 100

85 65.0 50.9 76.3

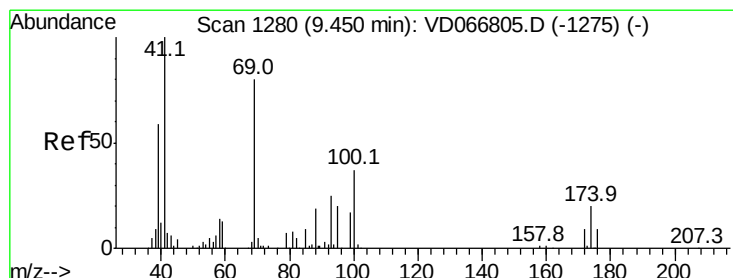
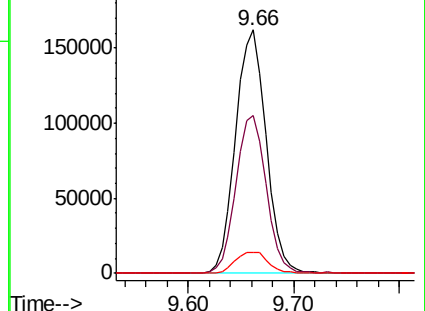
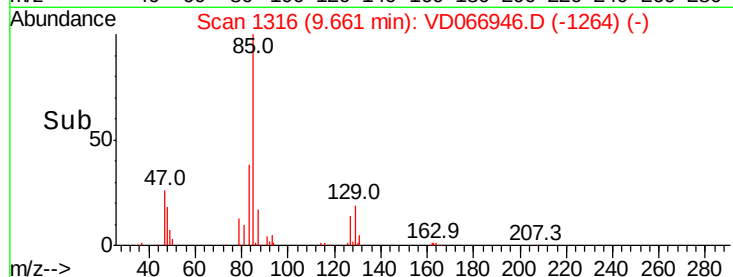
127 8.8 5.9 8.9



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: 49.922 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

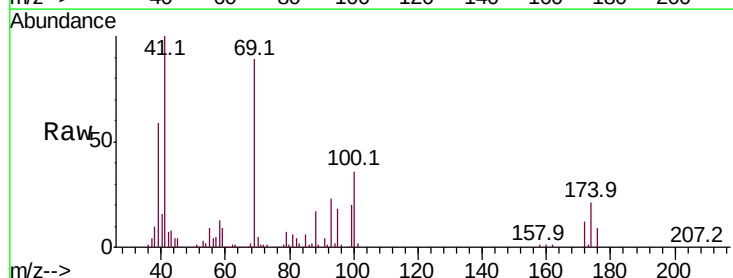
Tgt Ion: 41 Resp: 100331

Ion Ratio Lower Upper

41 100

69 97.9 74.5 111.7

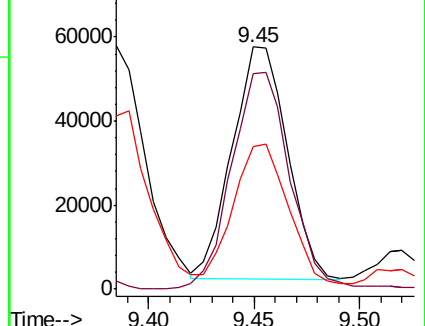
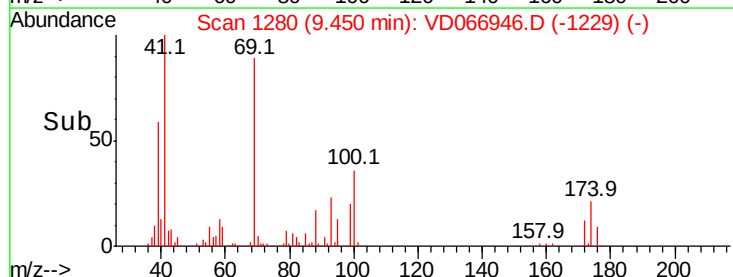
39 65.5 47.0 70.6

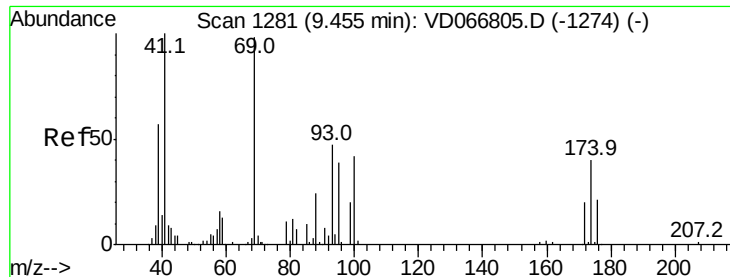


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

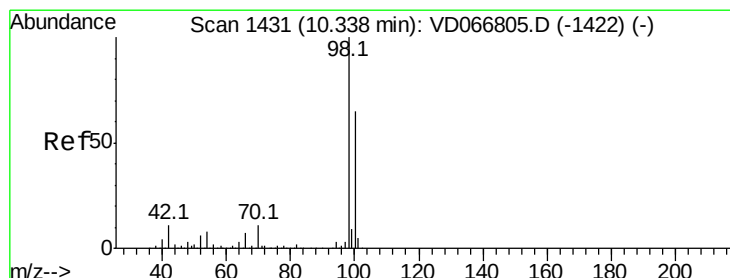
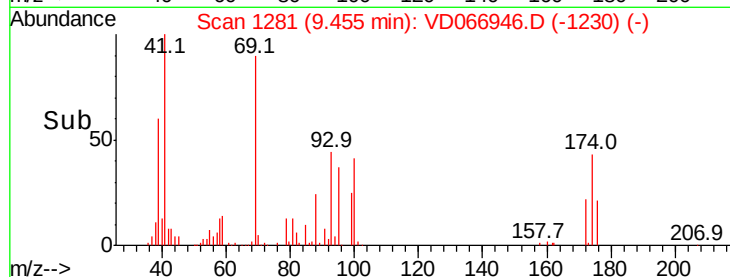
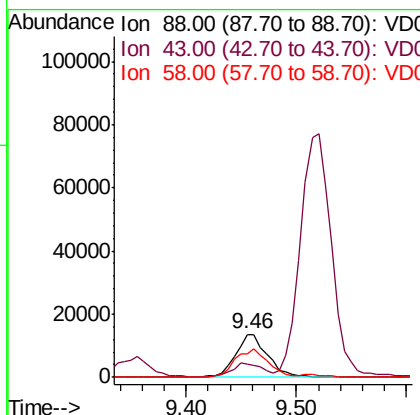
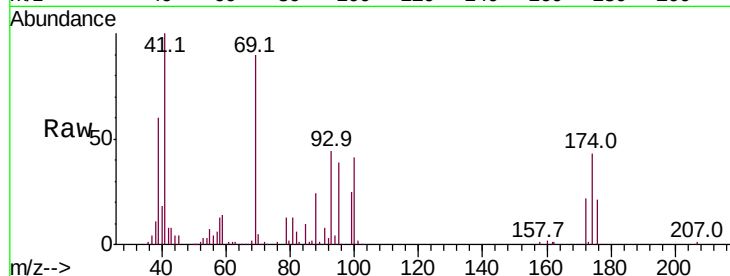




#49
 1,4-Dioxane
 Concen: 1115.893 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

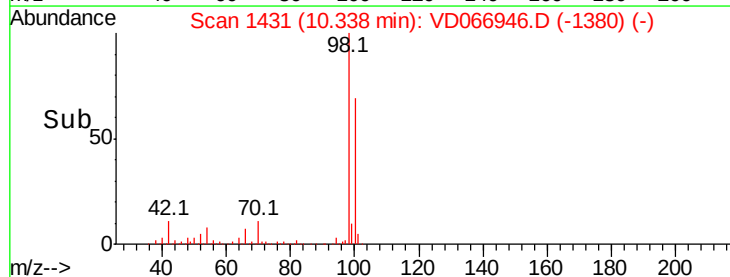
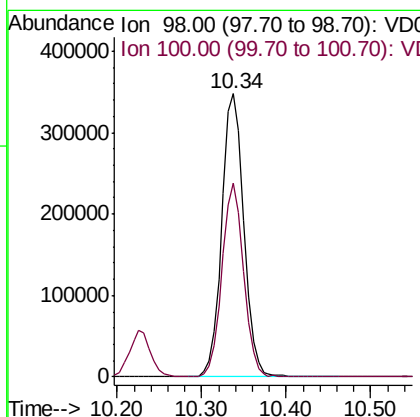
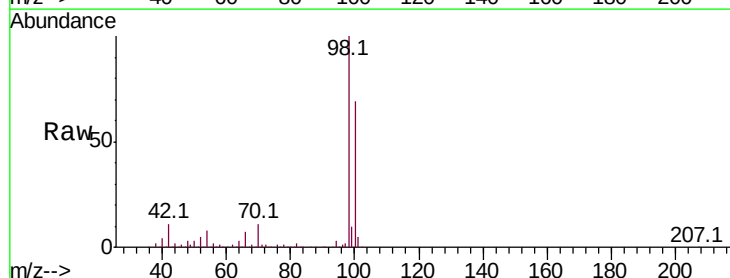
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

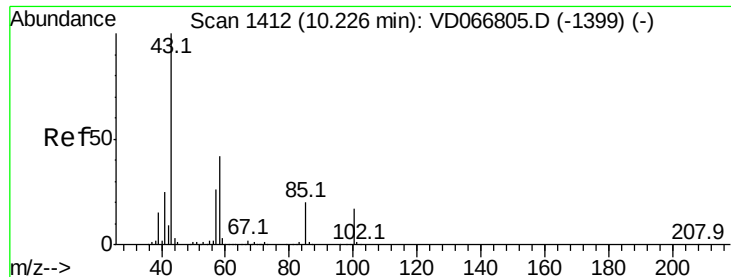
Tot Ion: 88 Resp: 27893
 Ion Ratio Lower Upper
 88 100
 43 32.3 27.7 41.5
 58 68.8 55.5 83.3



#50
 Toluene-d8
 Concen: 49.116 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion: 98 Resp: 627630
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 258.721 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

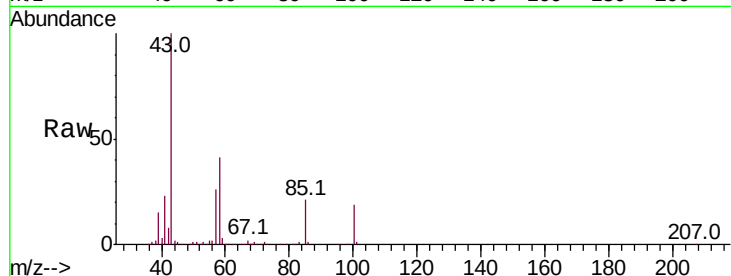
B-11(1-2)MS

Tot Ion: 43 Resp: 534371

Ion Ratio Lower Upper

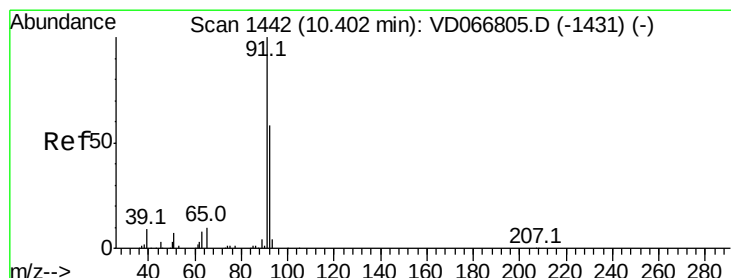
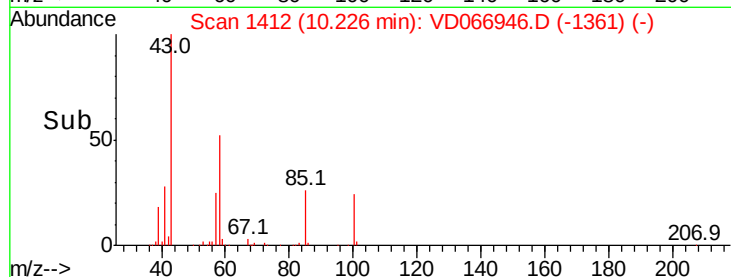
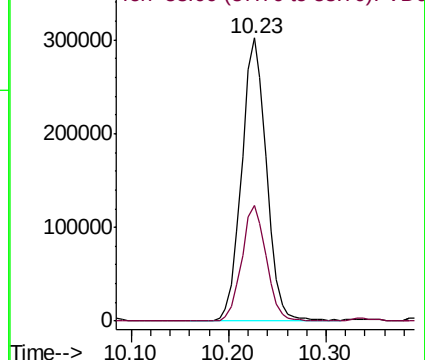
43 100

58 40.5 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.819 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066946.D

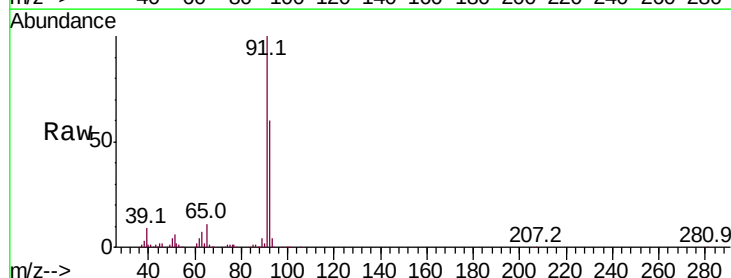
Acq: 29 Sep 2020 18:37

Tgt Ion: 92 Resp: 554550

Ion Ratio Lower Upper

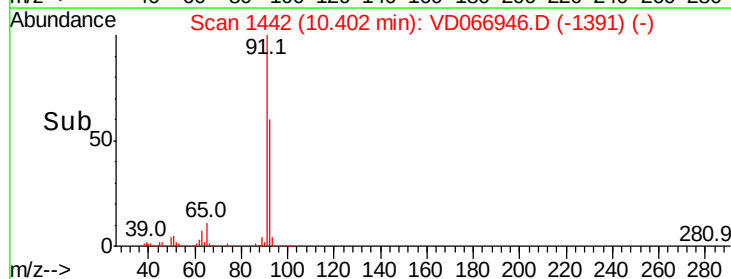
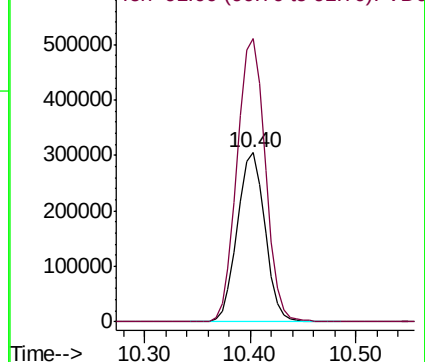
92 100

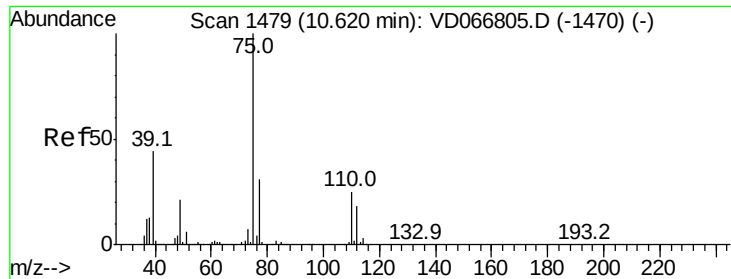
91 170.7 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 54.430 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

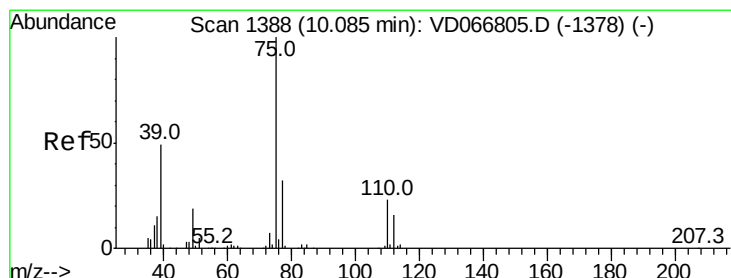
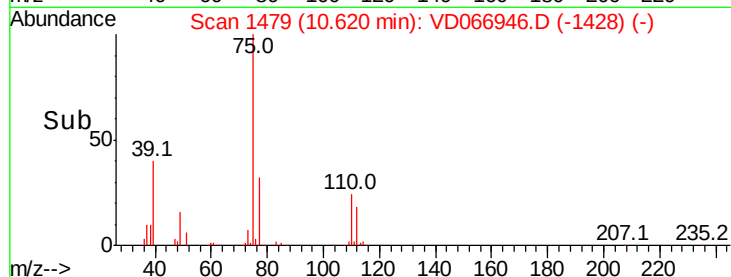
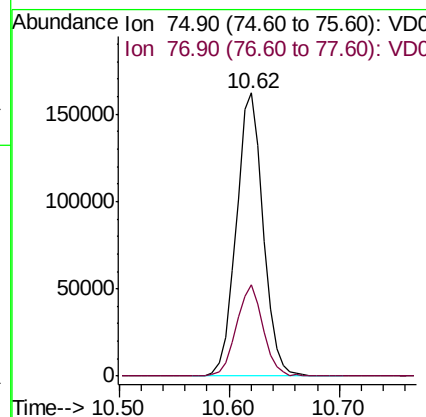
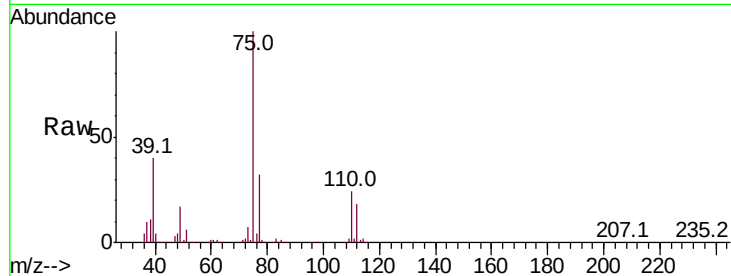
B-11(1-2)MS

Tot Ion: 75 Resp: 277295

Ion Ratio Lower Upper

75 100

77 32.4 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 54.683 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

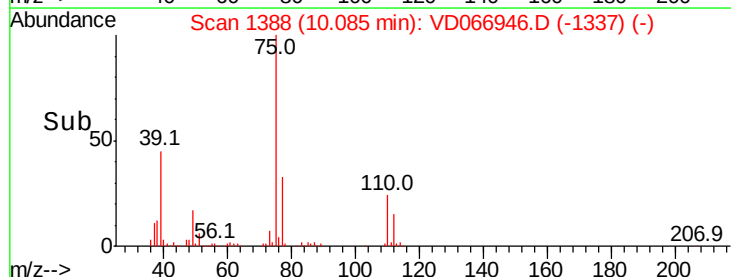
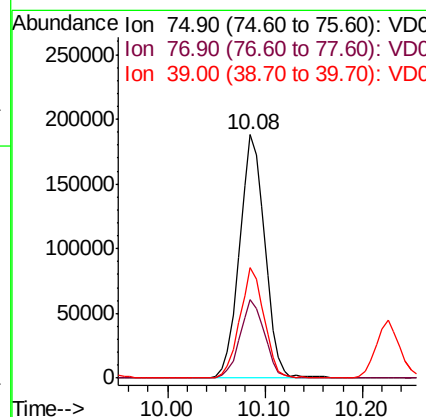
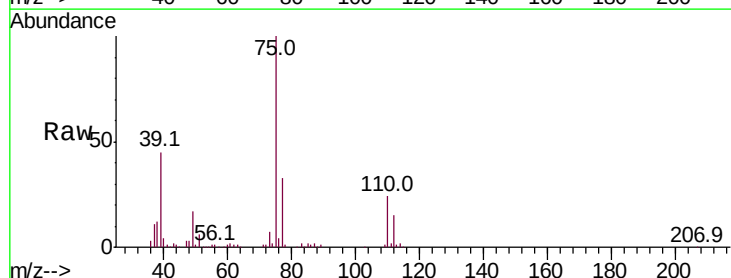
Tgt Ion: 75 Resp: 339690

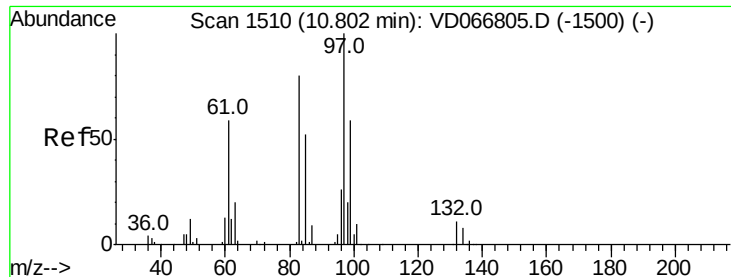
Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

39 45.0 39.2 58.8

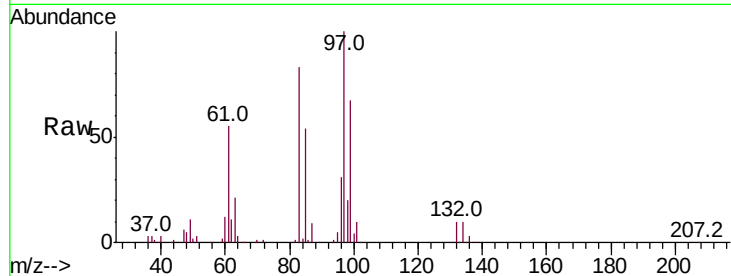




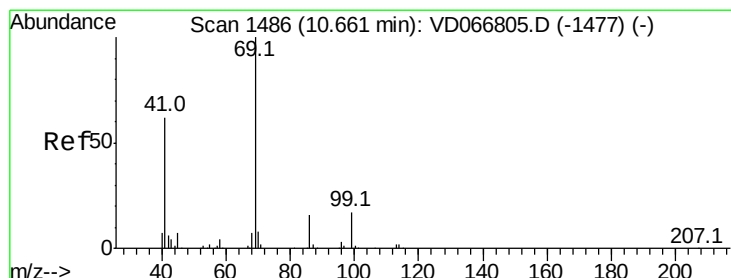
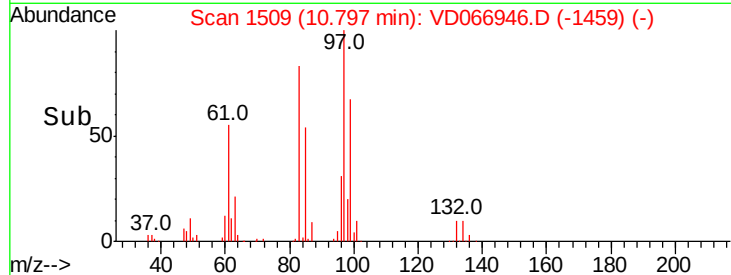
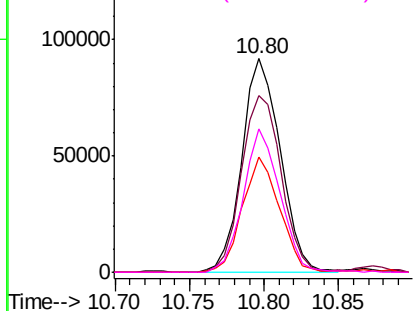
#55
 1,1,2-Trichloroethane
 Concen: 53.576 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

Tot Ion:	97	Resp:	164110
Ion	Ratio	Lower	Upper
97	100		
83	82.9	64.2	96.2
85	53.9	41.9	62.9
99	67.1	47.5	71.3

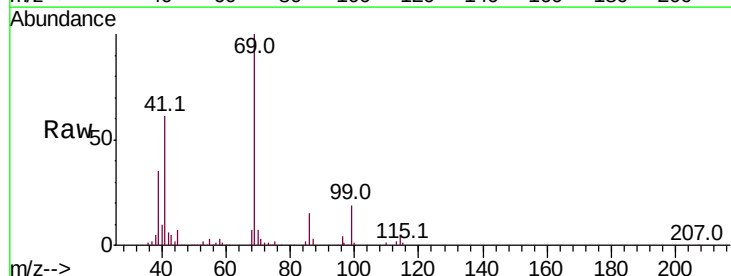


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

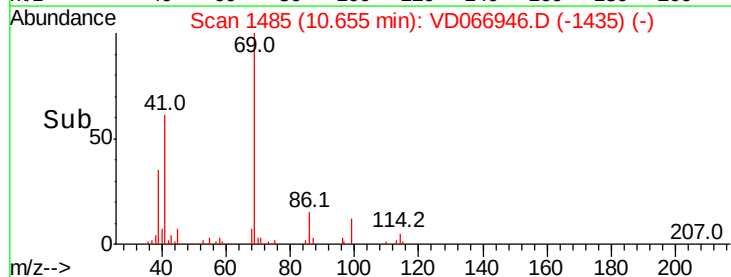
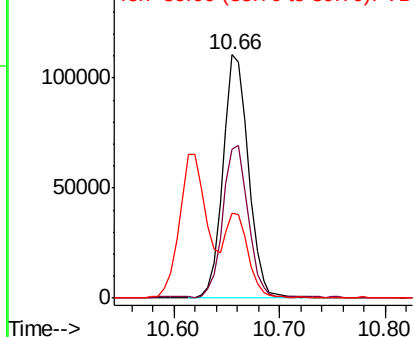


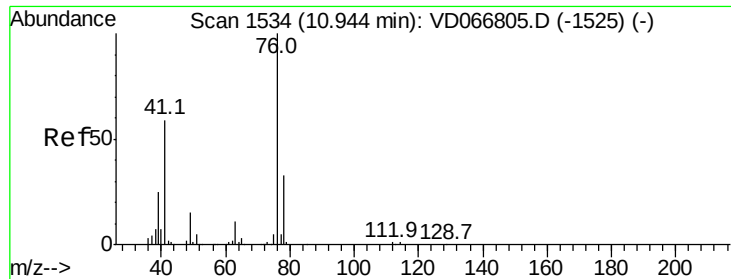
#56
 Ethyl methacrylate
 Concen: 56.368 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion:	69	Resp:	184969
Ion	Ratio	Lower	Upper
69	100		
41	61.8	52.2	78.2
39	30.4	26.6	40.0



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





#57

1,3-Dichloropropane

Concen: 54.096 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

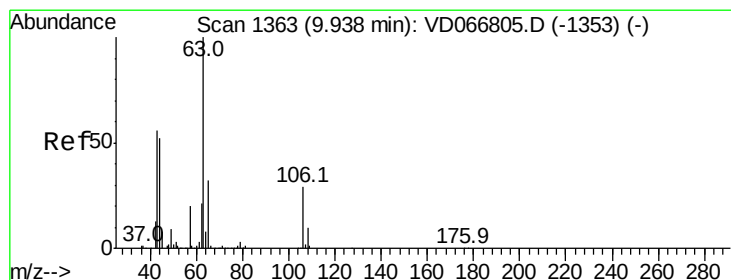
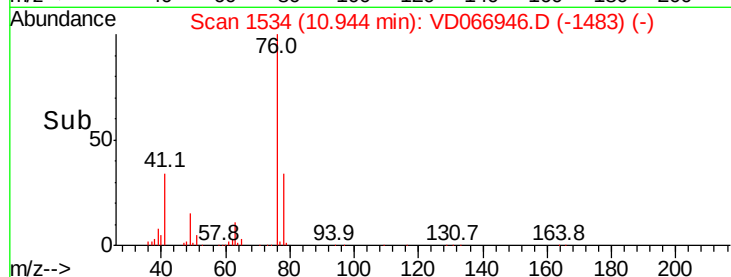
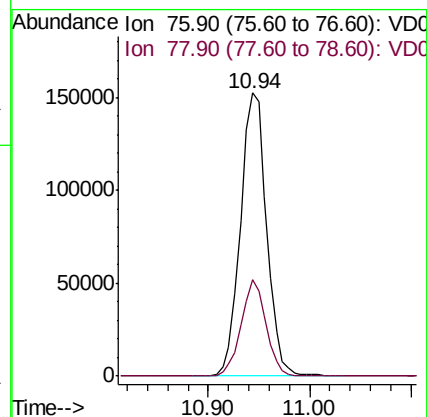
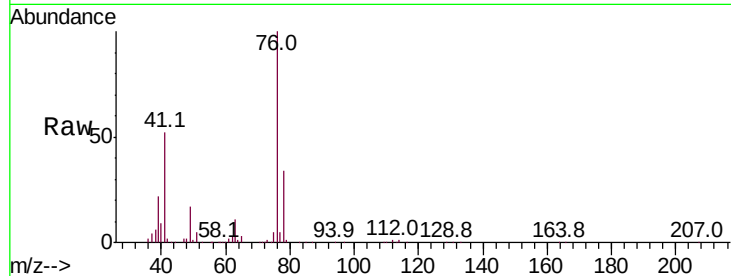
B-11(1-2)MS

Tot Ion: 76 Resp: 273613

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 241.527 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066946.D

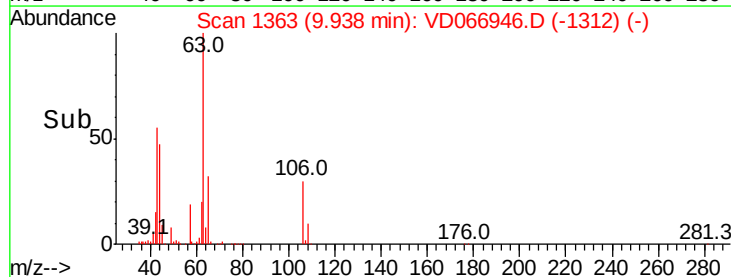
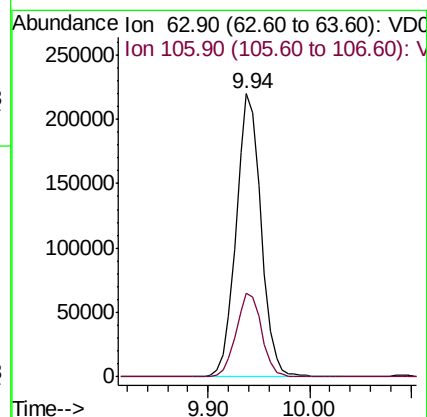
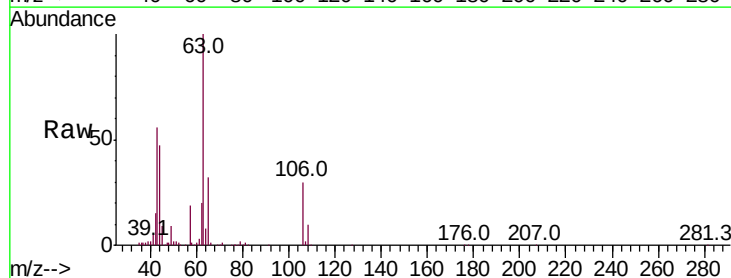
Acq: 29 Sep 2020 18:37

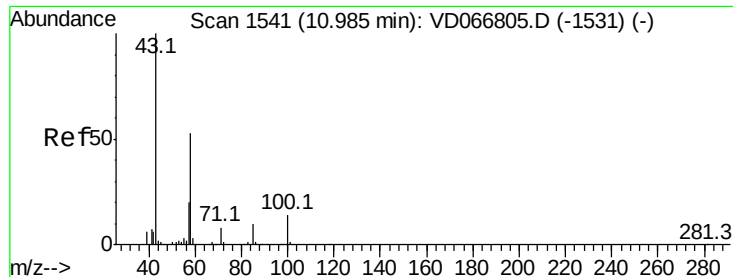
Tgt Ion: 63 Resp: 375270

Ion Ratio Lower Upper

63 100

106 30.2 23.8 35.6

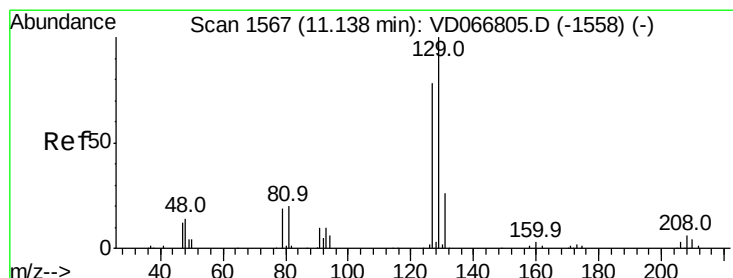
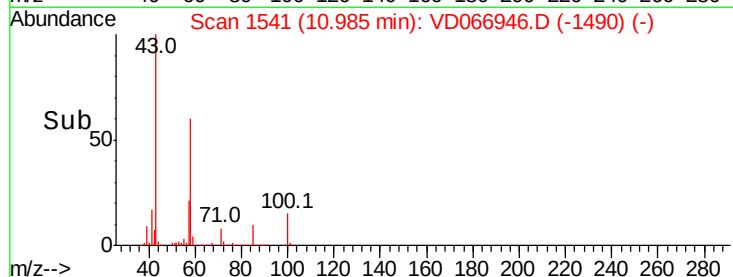
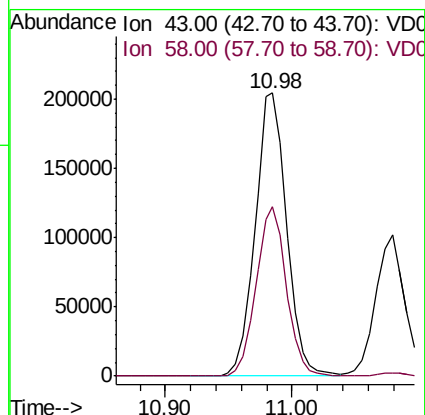
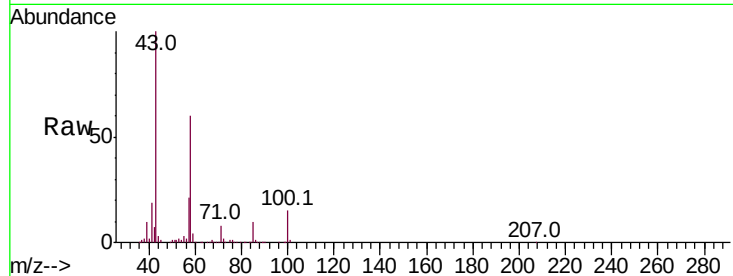




#59
2-Hexanone
Concen: 253.104 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

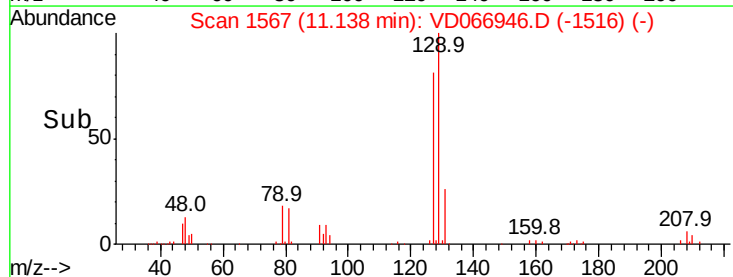
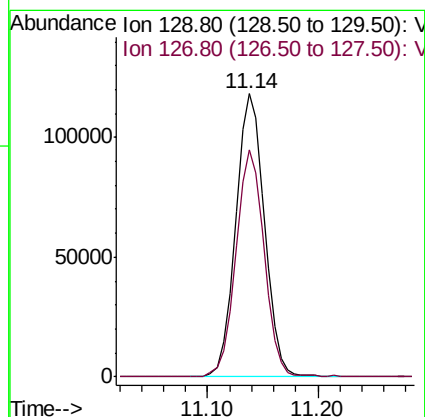
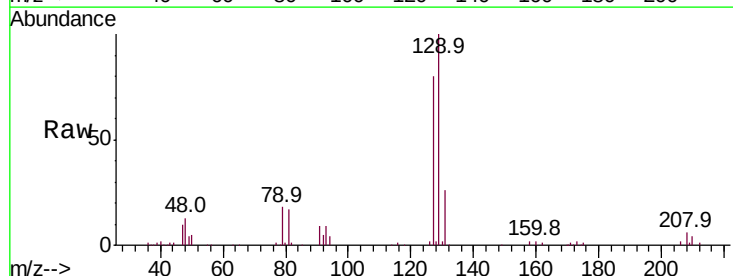
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

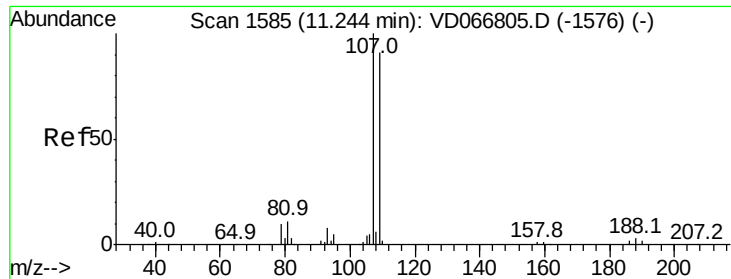
Tot Ion: 43 Resp: 352543
Ion Ratio Lower Upper
43 100
58 58.0 27.0 80.8



#60
Dibromochloromethane
Concen: 53.914 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 129 Resp: 215533
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0

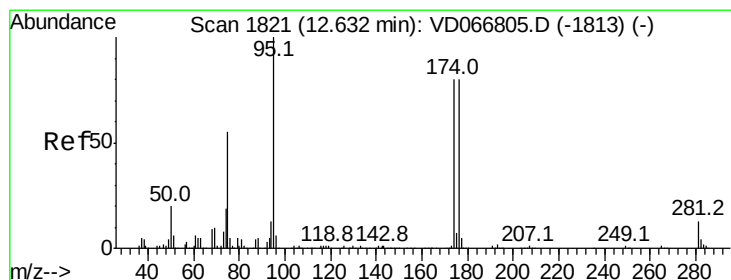
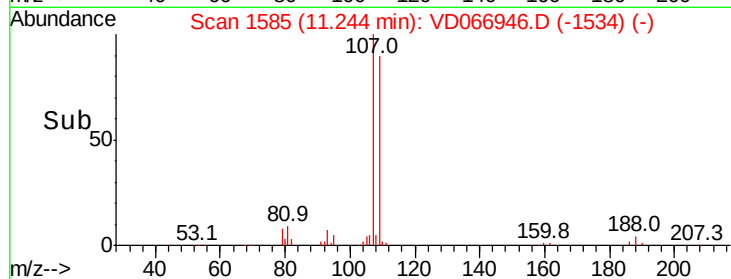
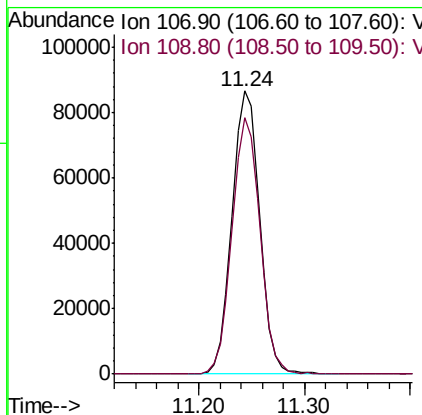
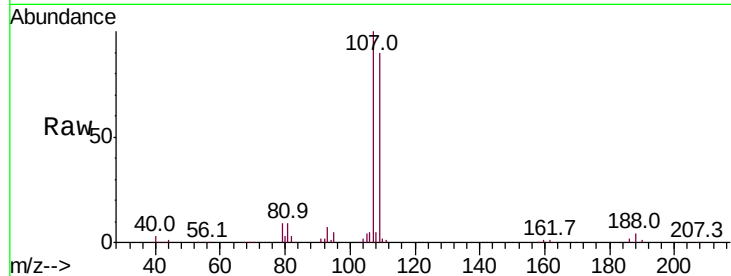




#61
 1,2-Dibromoethane
 Concen: 54.794 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

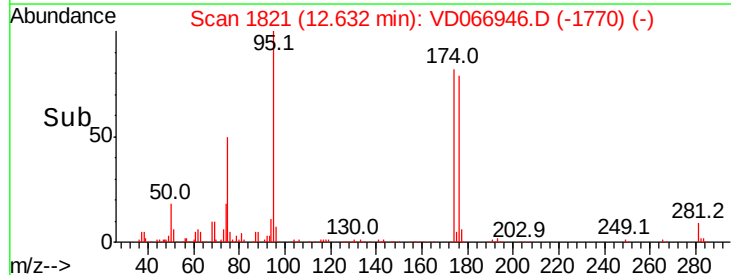
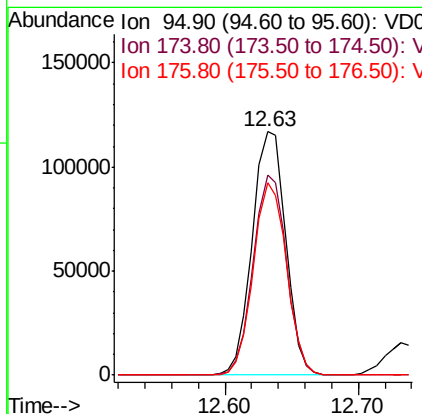
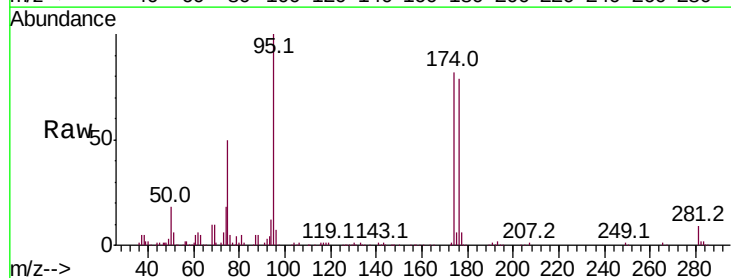
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

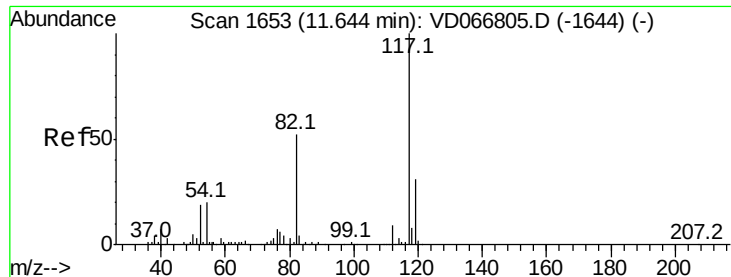
Tot Ion:107 Resp: 156113
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 46.349 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion: 95 Resp: 202757
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 159.8
 176 78.2 0.0 154.4

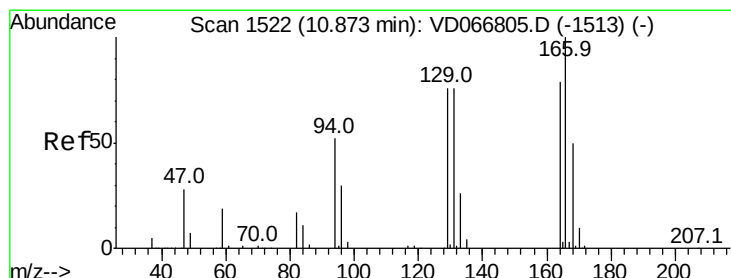
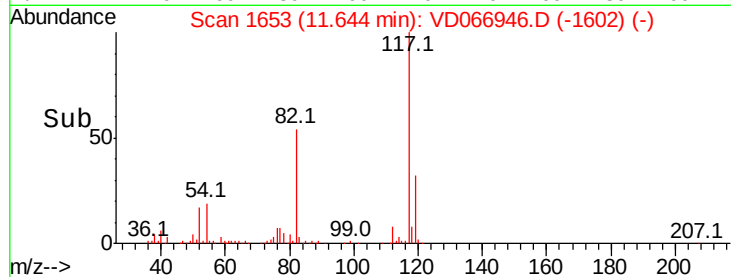
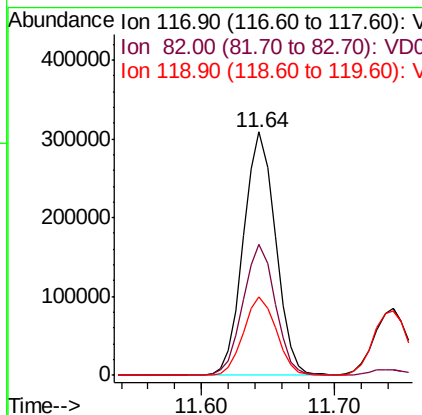
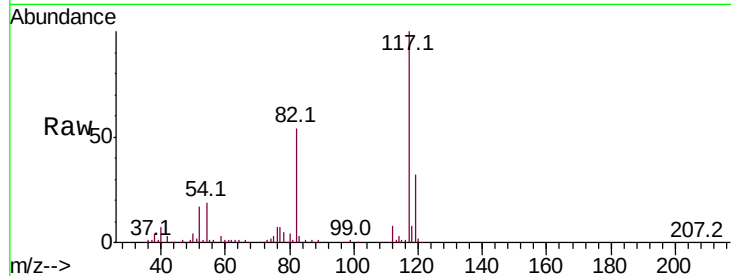




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

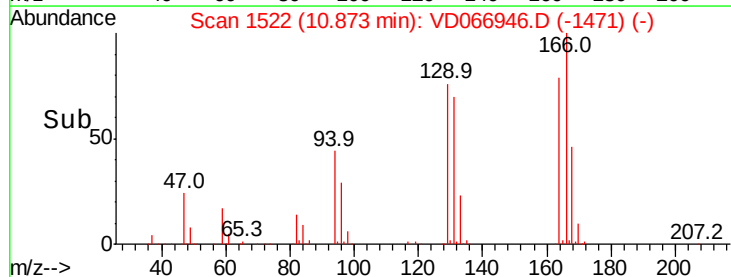
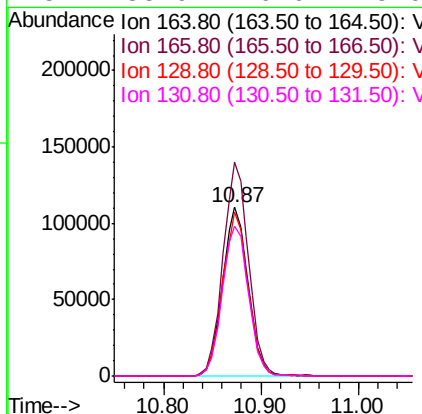
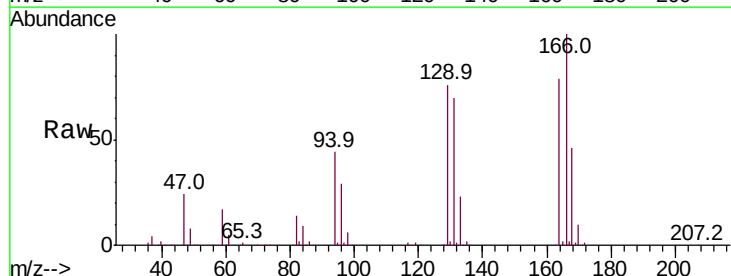
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

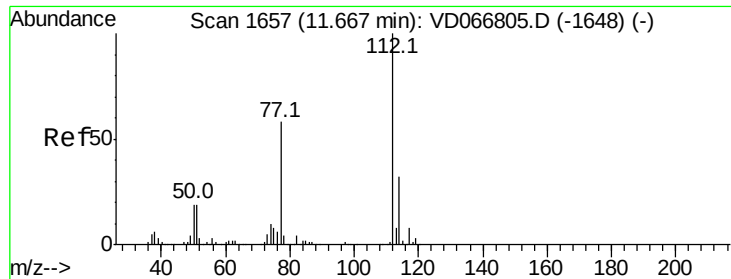
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.6
119	32.1	24.6	37.0



#64
Tetrachloroethene
Concen: 53.811 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.1	151.7
129	96.8	77.0	115.4
131	88.9	76.6	115.0





#65

Chlorobenzene

Concen: 53.442 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

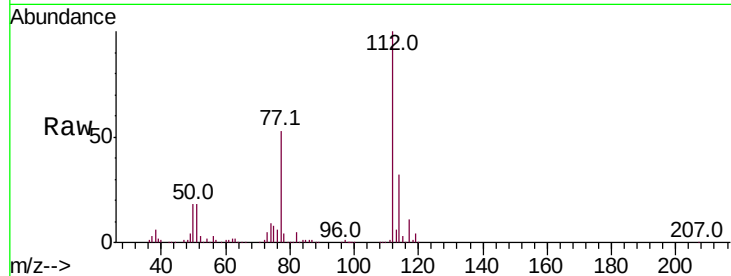
B-11(1-2)MS

Tot Ion:112 Resp: 573141

Ion Ratio Lower Upper

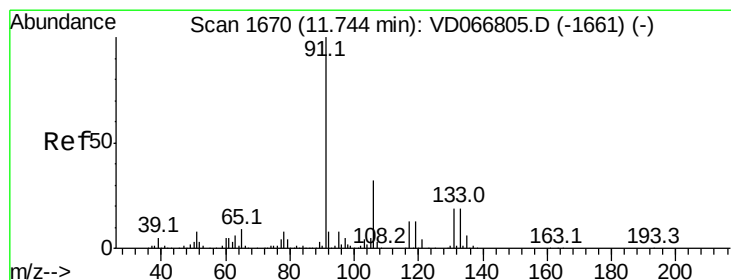
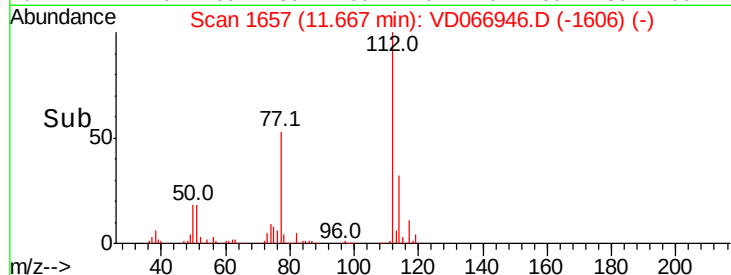
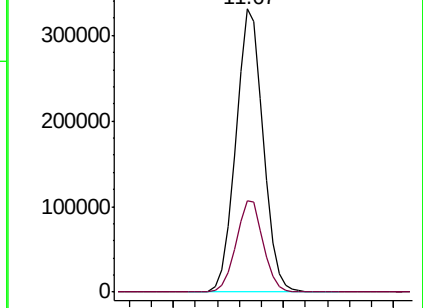
112 100

114 32.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.842 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

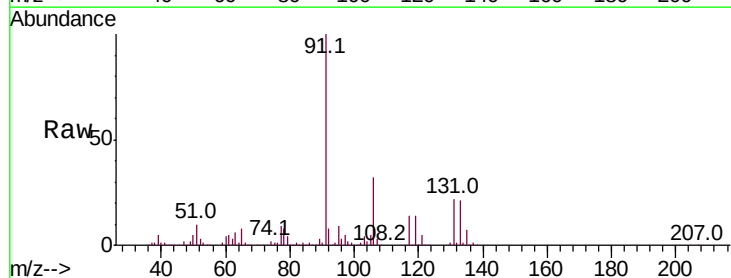
Tgt Ion:131 Resp: 226664

Ion Ratio Lower Upper

131 100

133 96.5 46.7 140.1

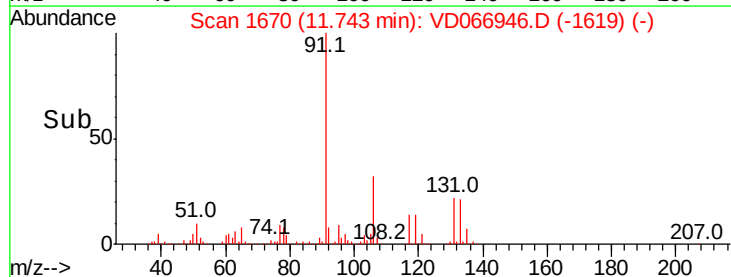
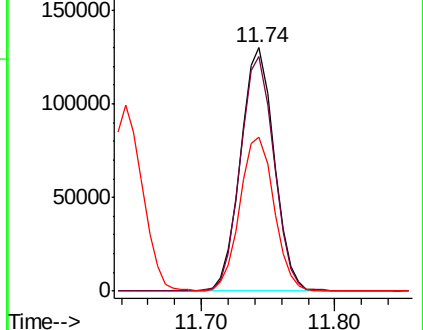
119 64.7 32.3 96.9

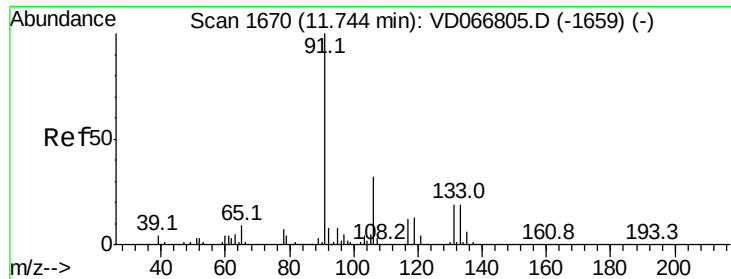


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

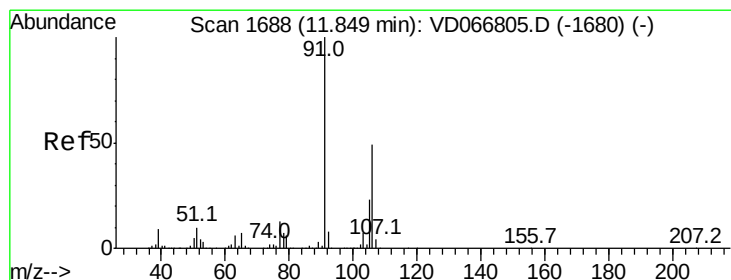
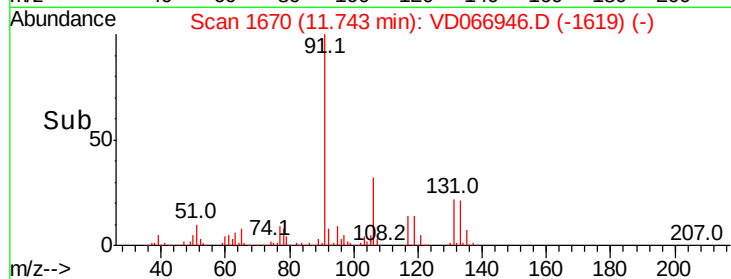
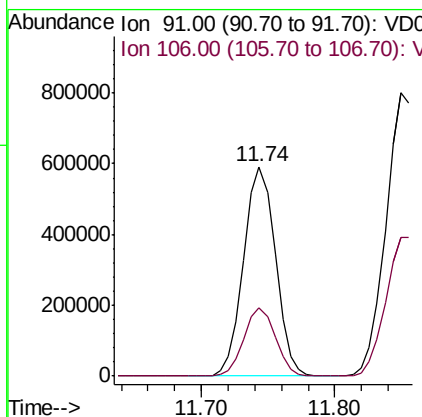
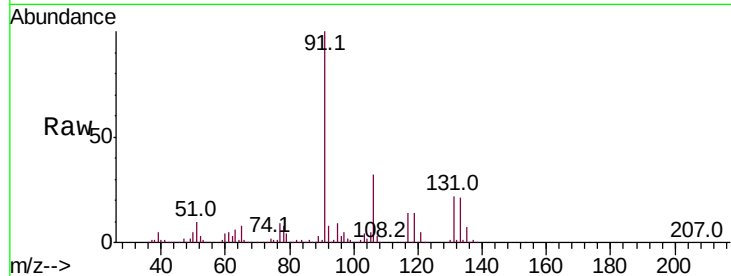




#67
Ethyl Benzene
Concen: 52.024 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

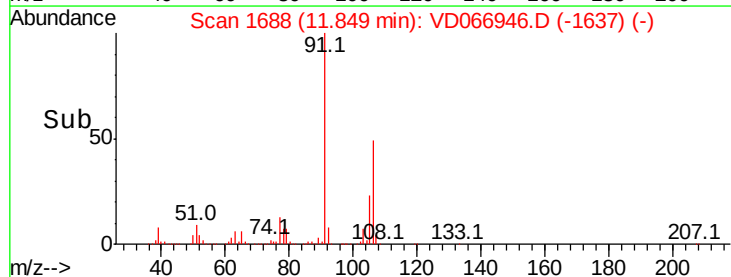
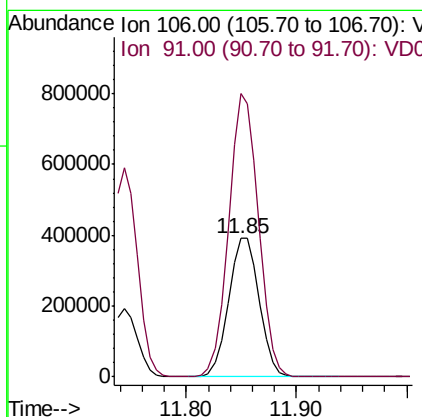
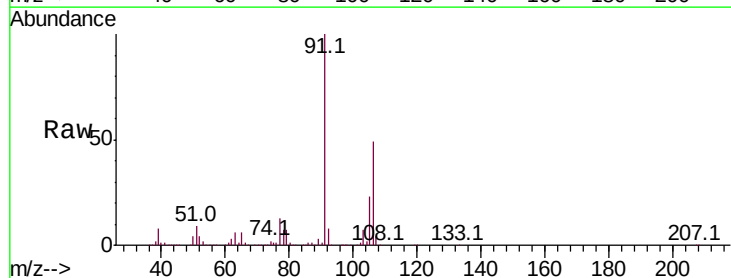
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

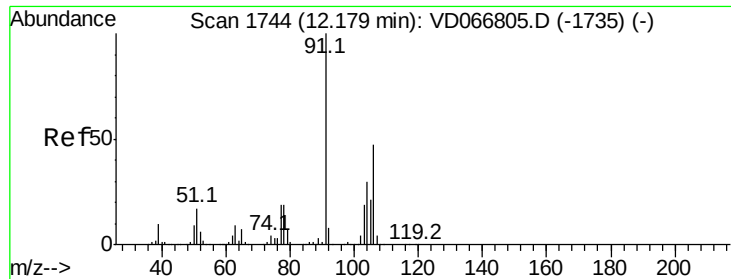
Tot Ion: 91 Resp: 979902
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4



#68
m/p-Xylenes
Concen: 106.542 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion:106 Resp: 759799
Ion Ratio Lower Upper
106 100
91 198.6 160.7 241.1

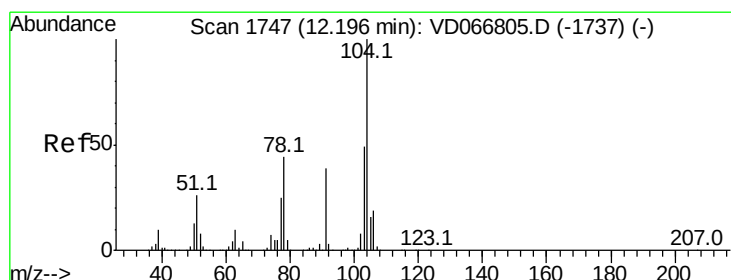
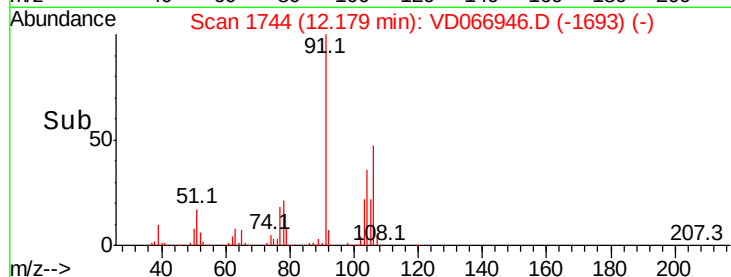
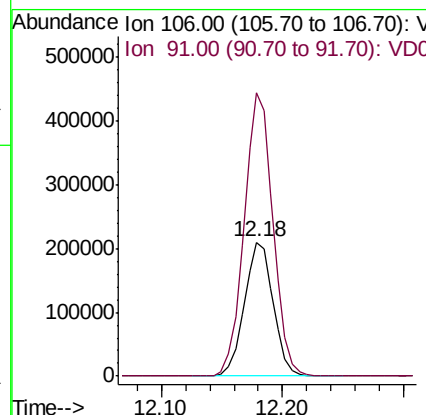
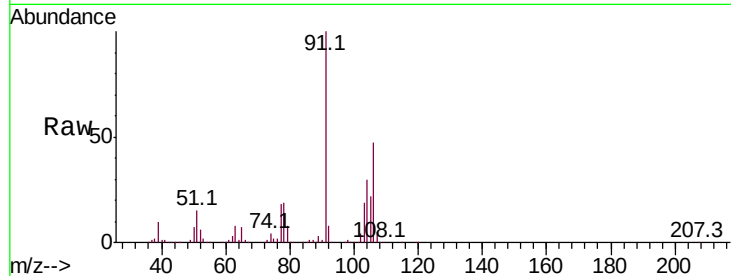




#69
o-Xylene
Concen: 54.003 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

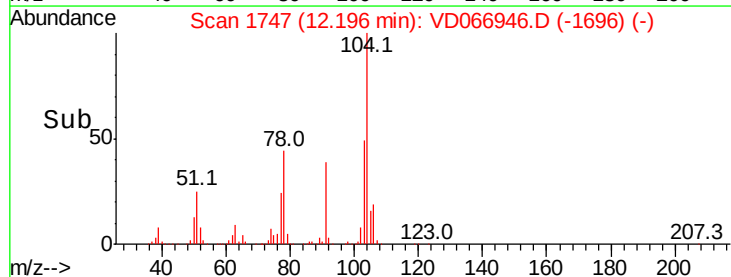
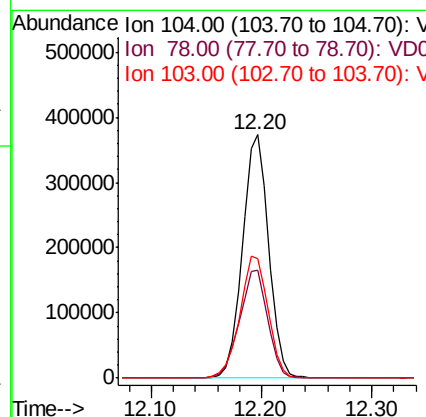
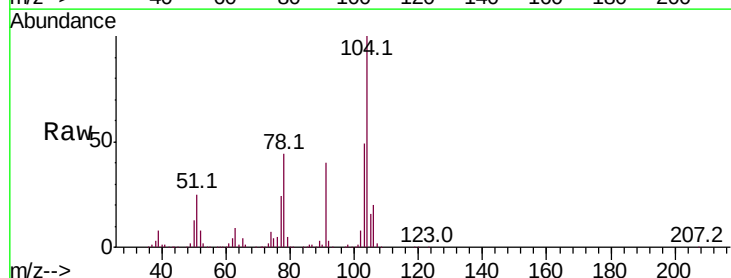
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

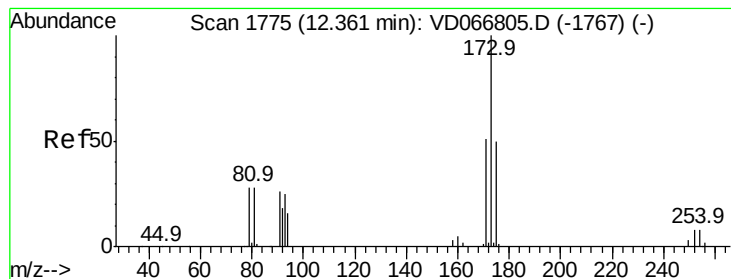
Tot Ion:106 Resp: 348234
Ion Ratio Lower Upper
106 100
91 211.5 106.3 318.8



#70
Styrene
Concen: 55.595 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion:104 Resp: 622587
Ion Ratio Lower Upper
104 100
78 47.8 38.9 58.3
103 53.8 43.2 64.8





#71

Bromoform

Concen: 55.865 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

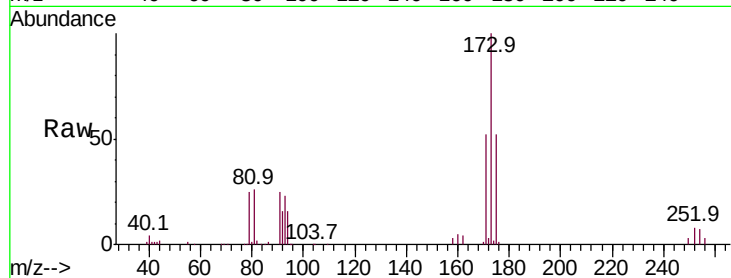
Tot Ion:173 Resp: 114809

Ion Ratio Lower Upper

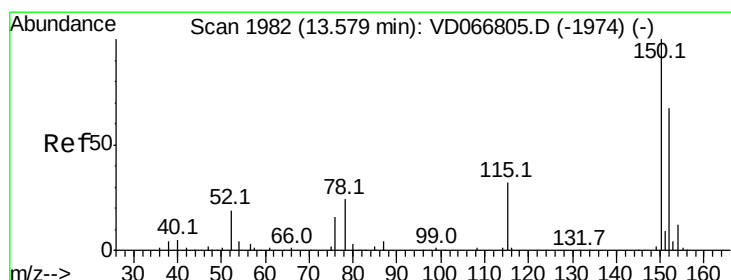
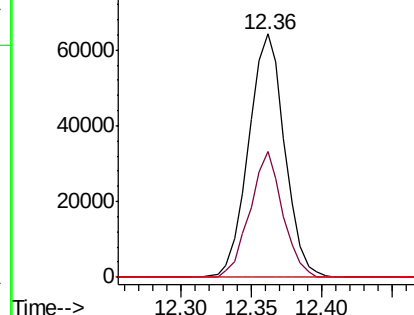
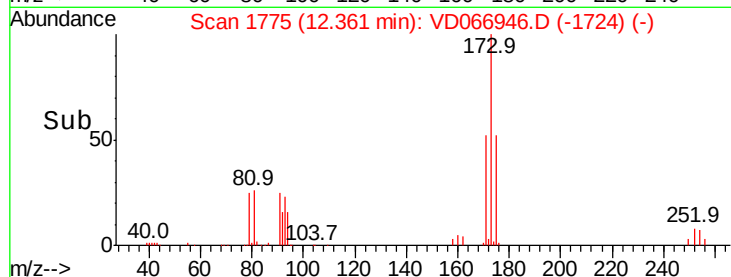
173 100

175 47.2 24.9 74.6

254 0.0 0.1 0.1#



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# 1982

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

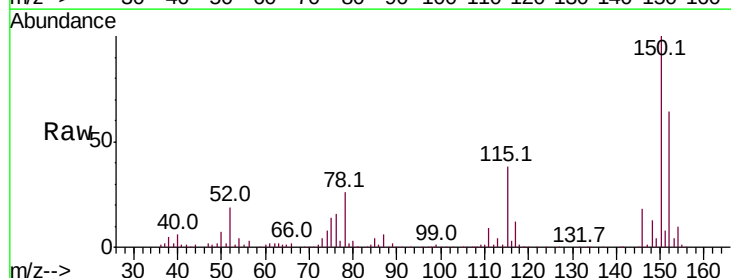
Tgt Ion:152 Resp: 217543

Ion Ratio Lower Upper

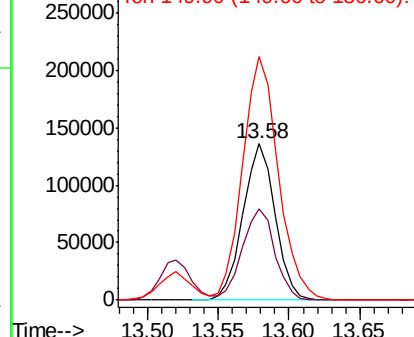
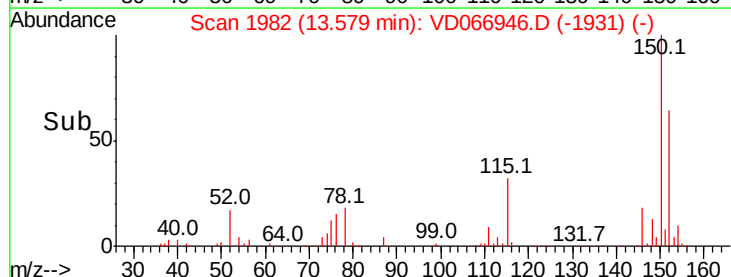
152 100

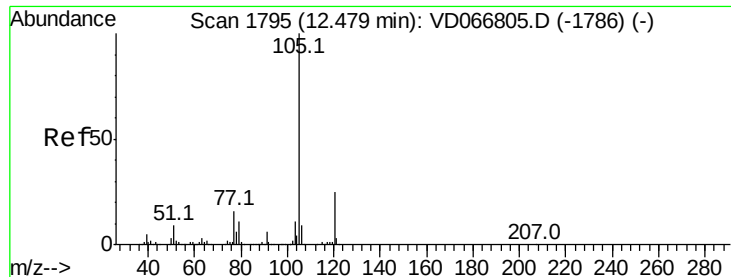
115 59.8 30.3 91.0

150 172.8 0.0 346.2



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: 55.879 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

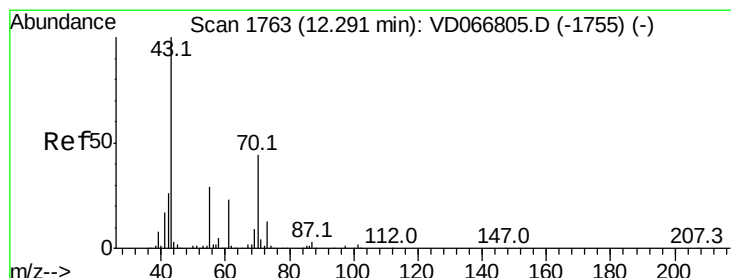
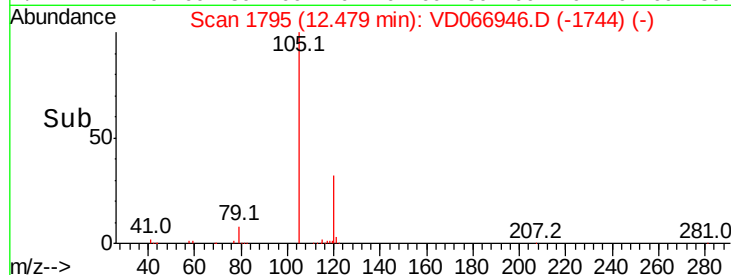
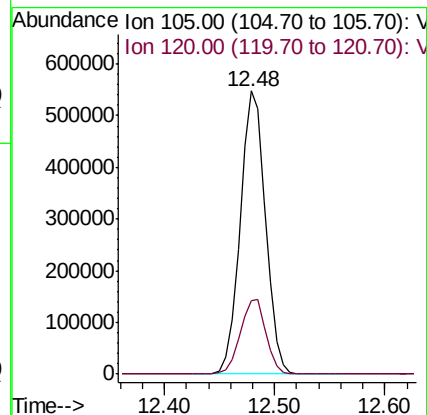
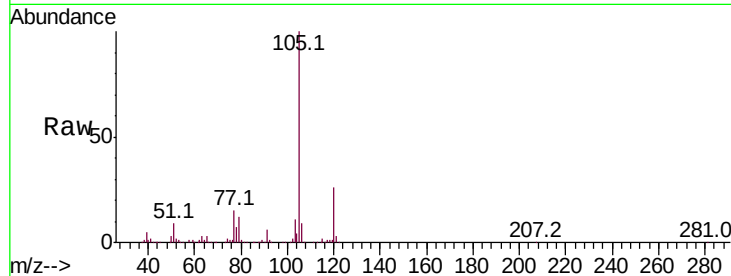
B-11(1-2)MS

Tot Ion:105 Resp: 878162

Ion Ratio Lower Upper

105 100

120 26.6 12.9 38.6



#74

N-ethyl acetate

Concen: 56.495 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Tgt Ion: 43 Resp: 173382

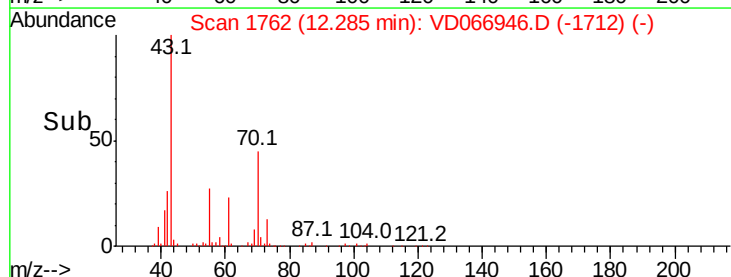
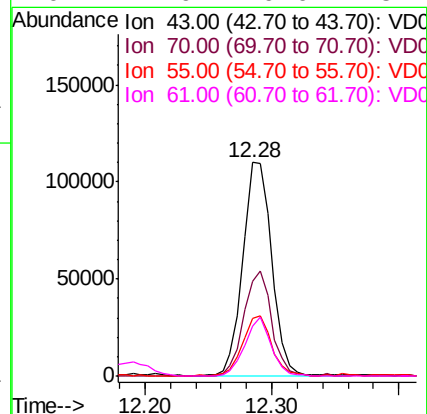
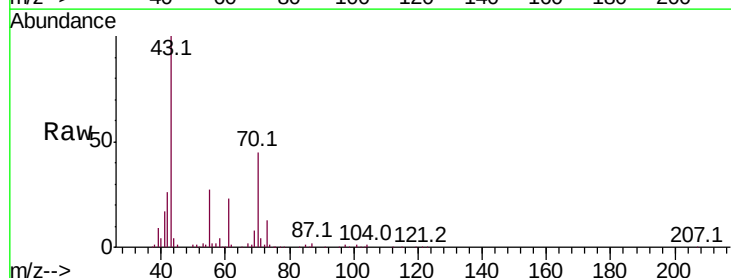
Ion Ratio Lower Upper

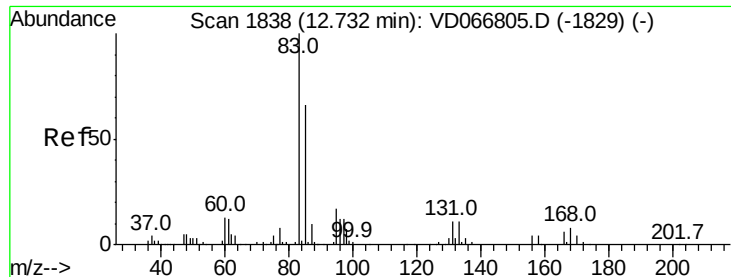
43 100

70 47.2 36.1 54.1

55 28.4 21.8 32.8

61 24.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 59.635 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

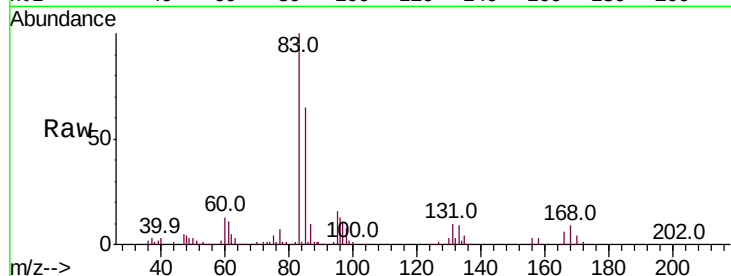
Tot Ion: 83 Resp: 161715

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.7

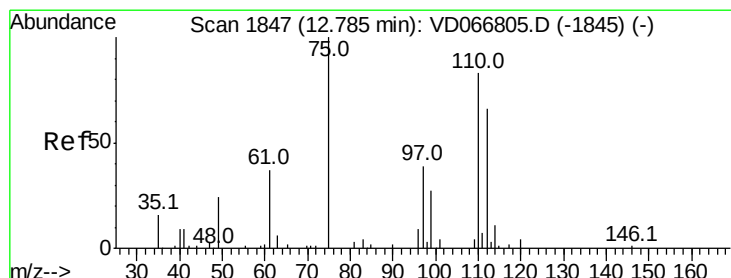
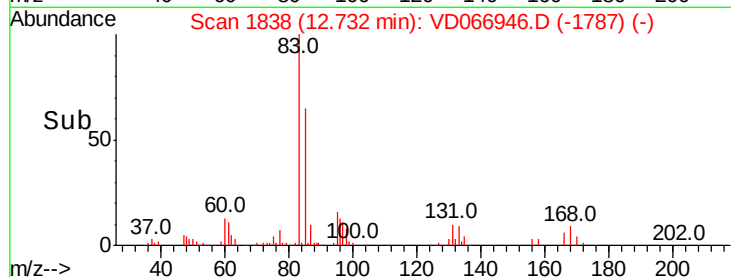
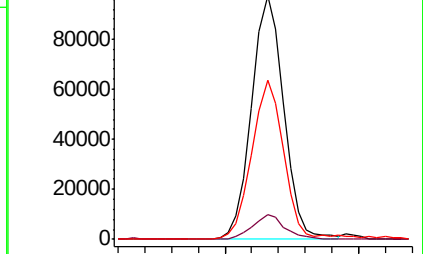
85 65.7 32.1 96.5



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: 114.315 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066946.D

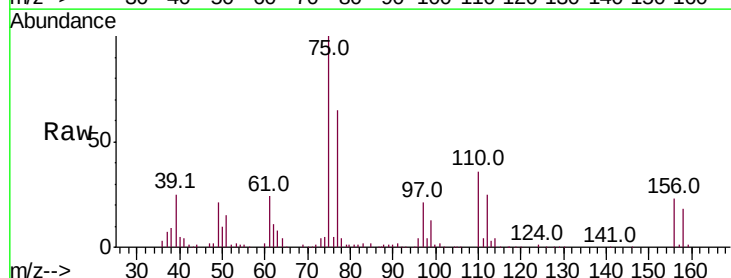
Acq: 29 Sep 2020 18:37

Tgt Ion: 75 Resp: 206090

Ion Ratio Lower Upper

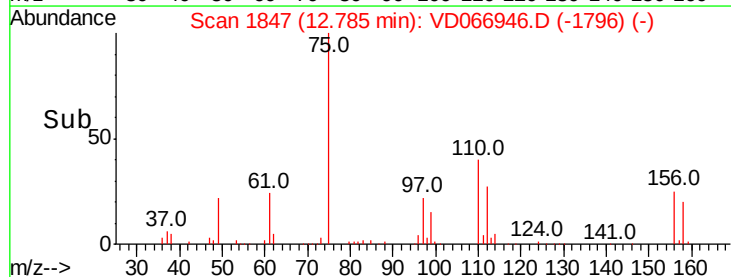
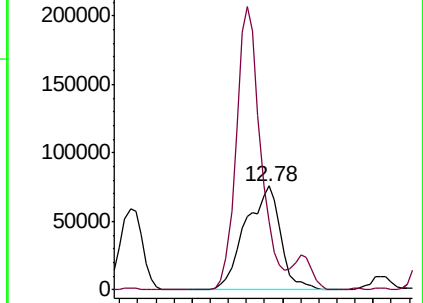
75 100

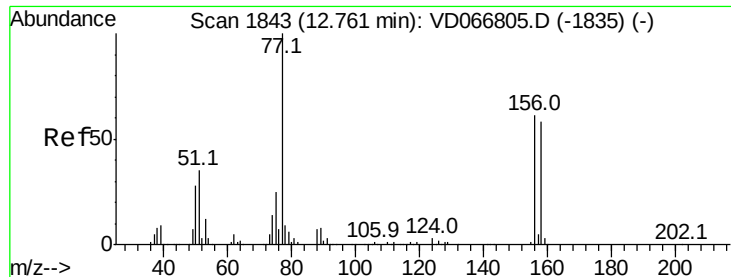
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 60.779 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

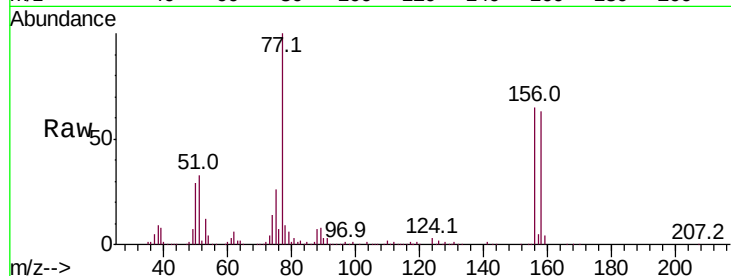
Tot Ion:156 Resp: 223391

Ion Ratio Lower Upper

156 100

77 175.0 92.3 276.9

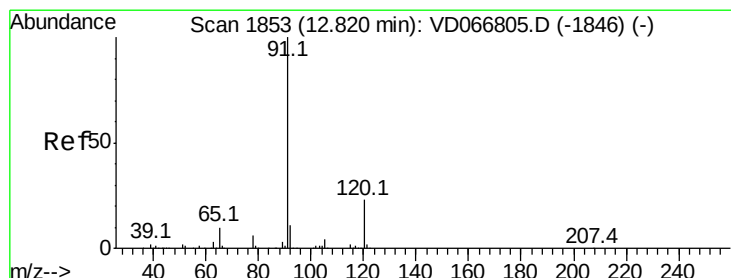
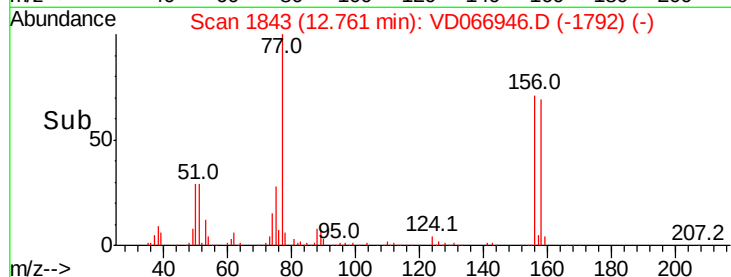
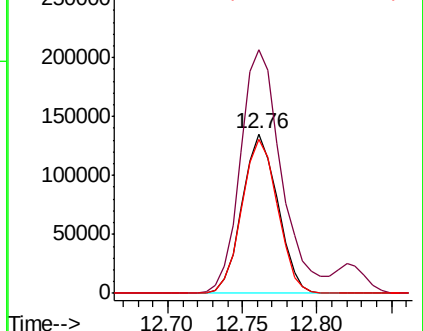
158 97.5 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.340 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066946.D

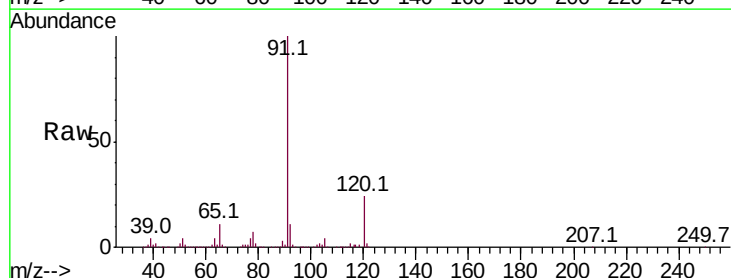
Acq: 29 Sep 2020 18:37

Tgt Ion: 91 Resp: 989549

Ion Ratio Lower Upper

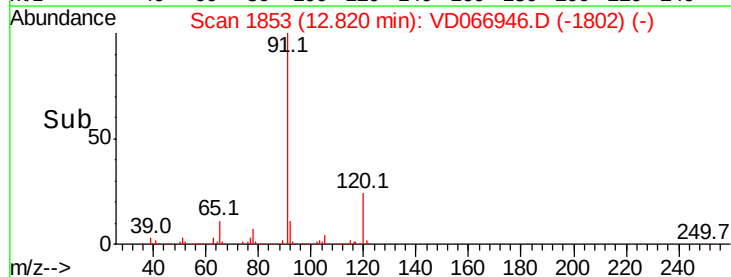
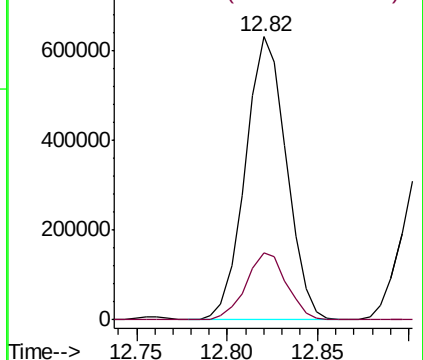
91 100

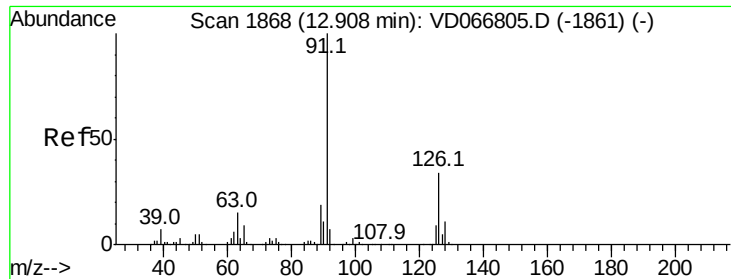
120 23.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

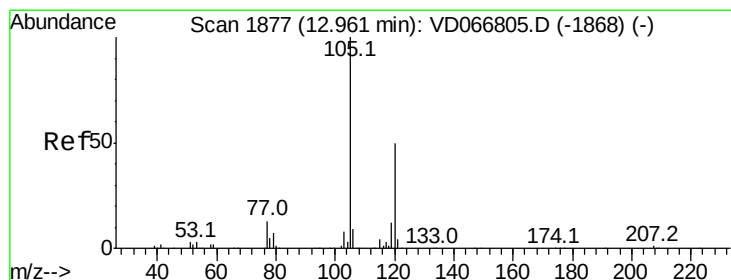
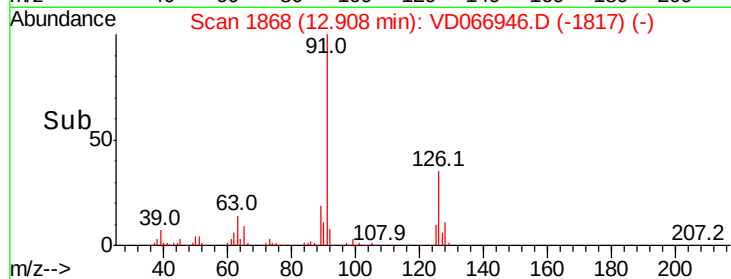
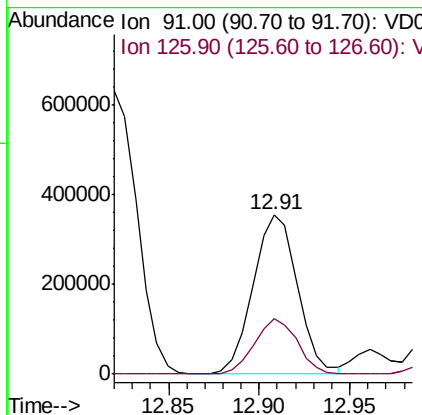
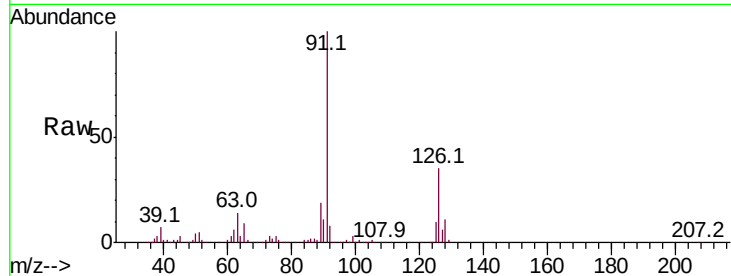




#79
 2-Chlorotoluene
 Concen: 55.970 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

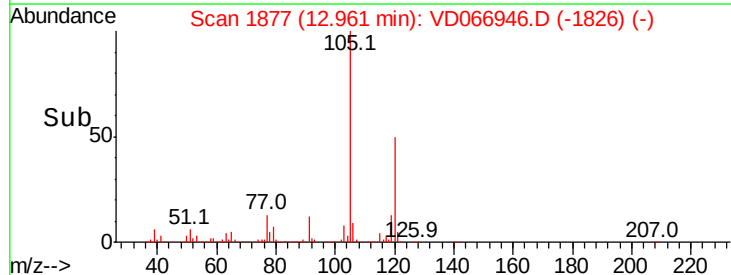
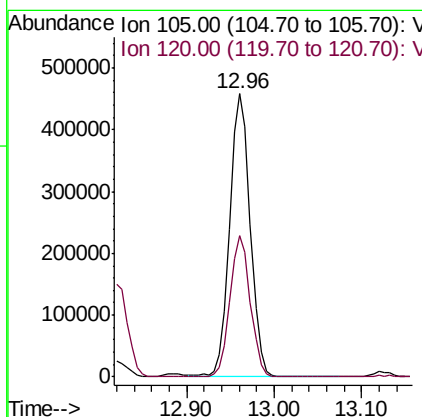
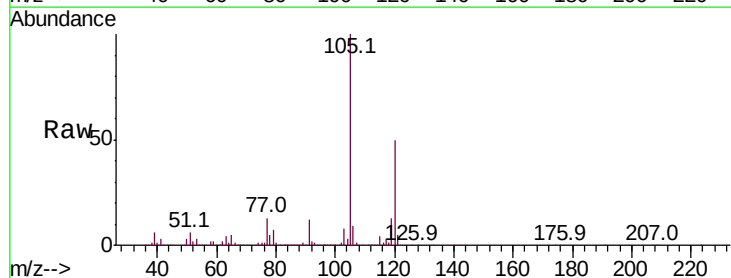
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

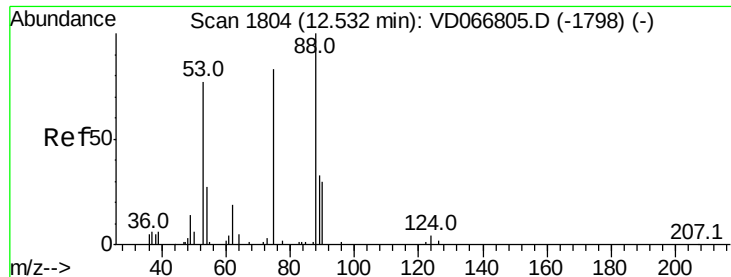
Tot Ion: 91 Resp: 603004
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.973 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion:105 Resp: 733049
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 60.185 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

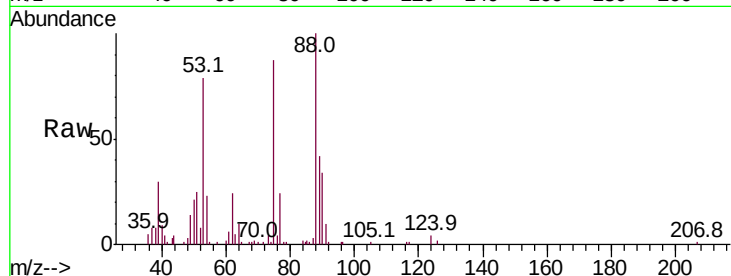
MSVOA_D

ClientSampleId :

B-11(1-2)MS

Tot Ion: 75 Resp: 43368

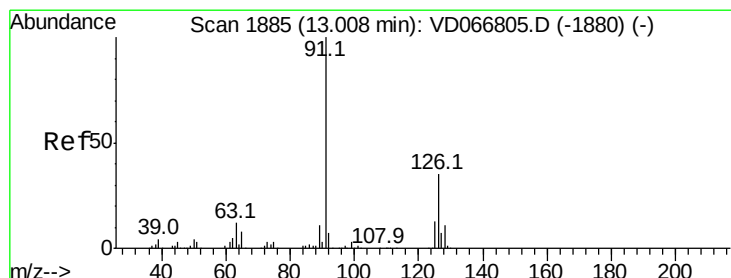
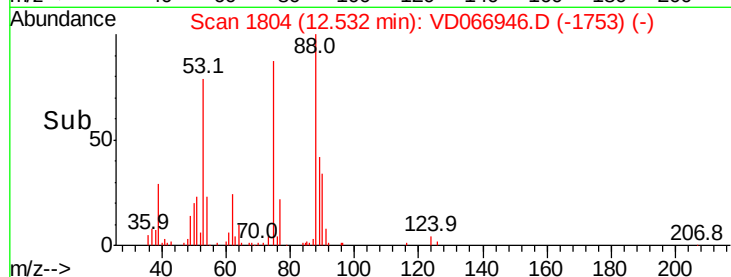
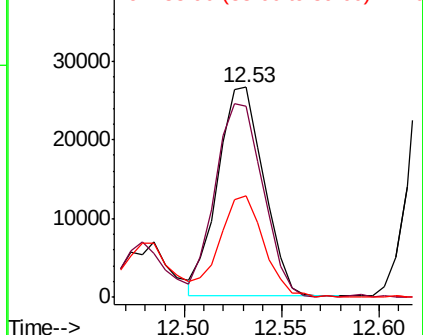
Ion	Ratio	Lower	Upper
75	100		
53	96.4	78.5	117.7
89	47.4	38.1	57.1



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: 54.591 ug/l

RT: 13.01 min Scan# 1885

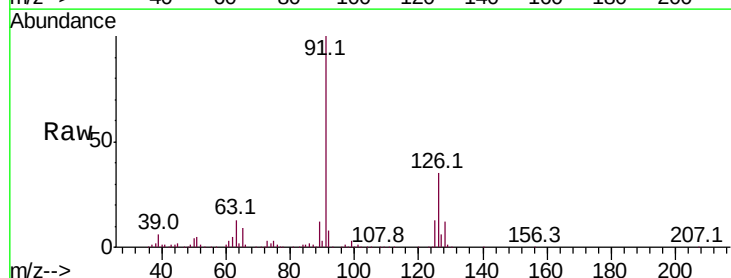
Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

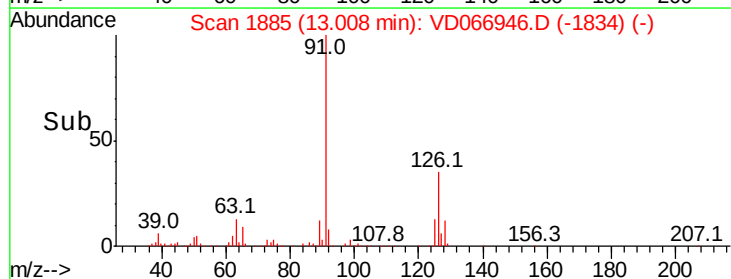
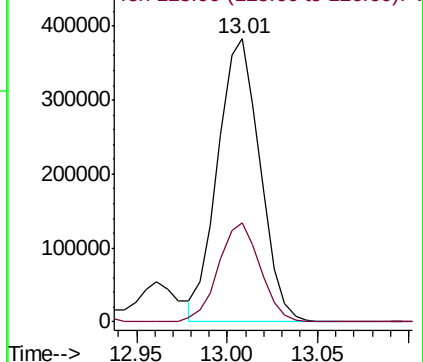
Tgt Ion: 91 Resp: 619991

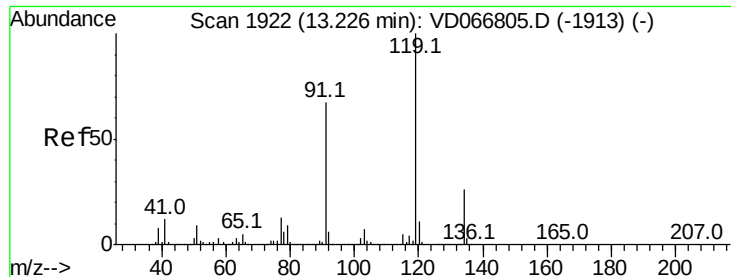
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.1	51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.816 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MS

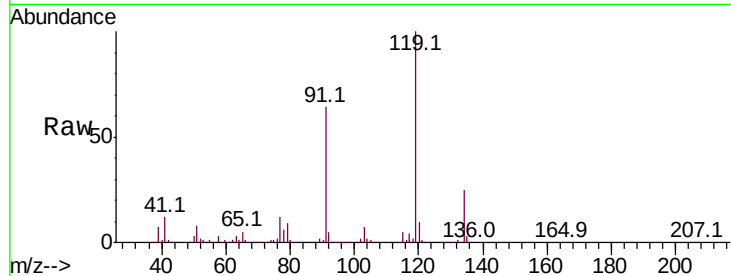
Tot Ion:119 Resp: 578730

Ion Ratio Lower Upper

119 100

91 64.5 33.6 100.8

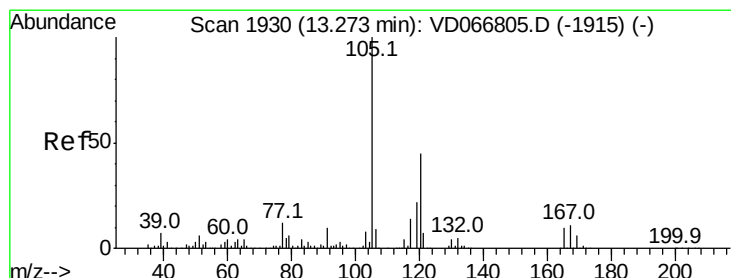
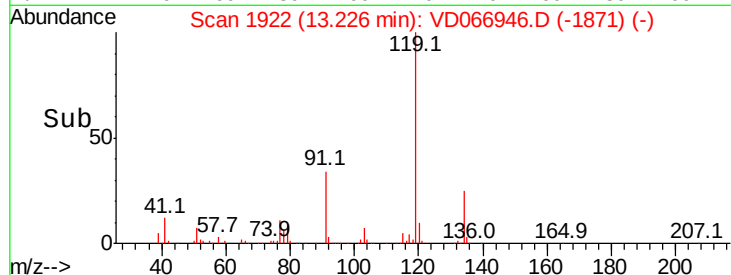
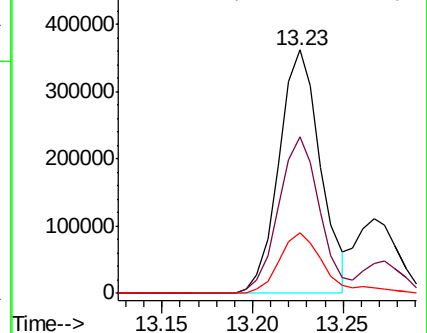
134 27.1 13.5 40.4



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: 55.807 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066946.D

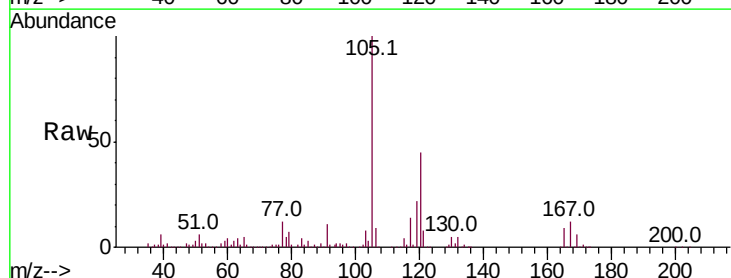
Acq: 29 Sep 2020 18:37

Tgt Ion:105 Resp: 737927

Ion Ratio Lower Upper

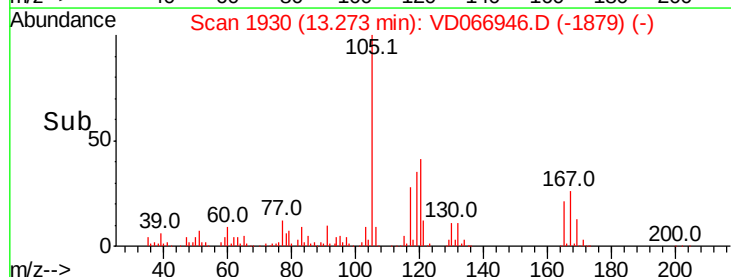
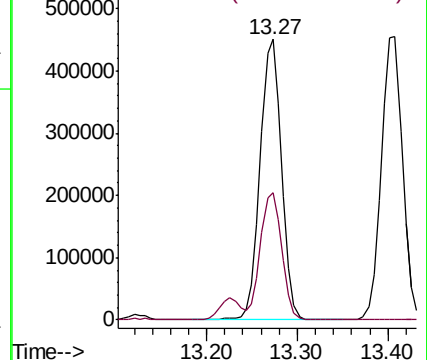
105 100

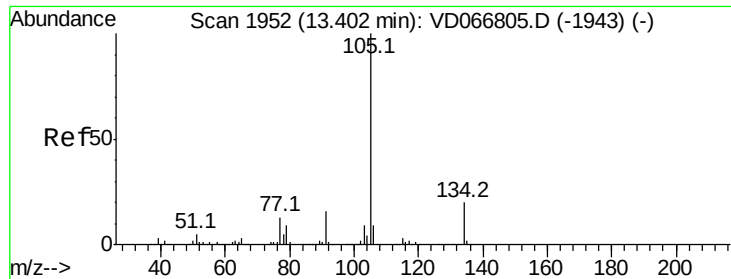
120 45.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

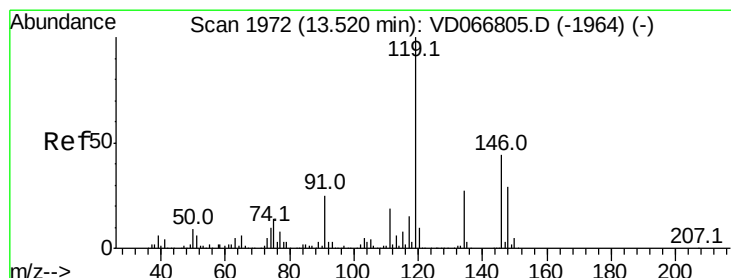
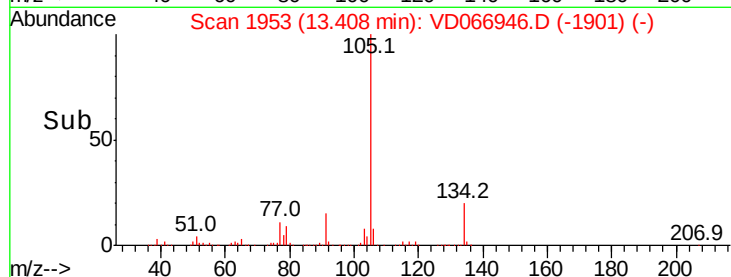
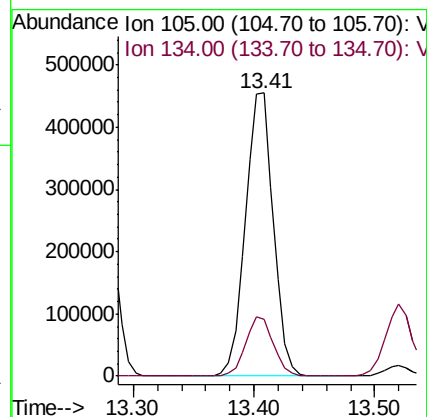
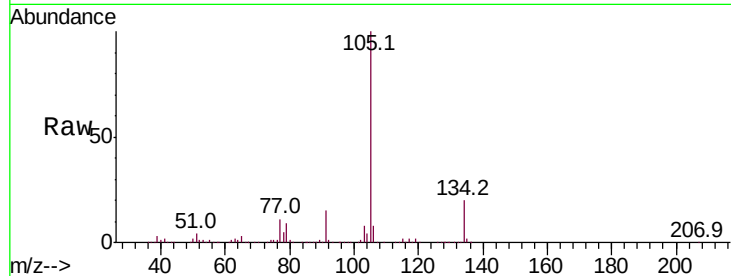




#85
 sec-Butylbenzene
 Concen: 46.597 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

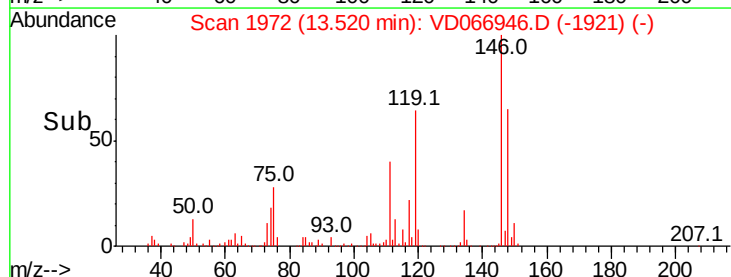
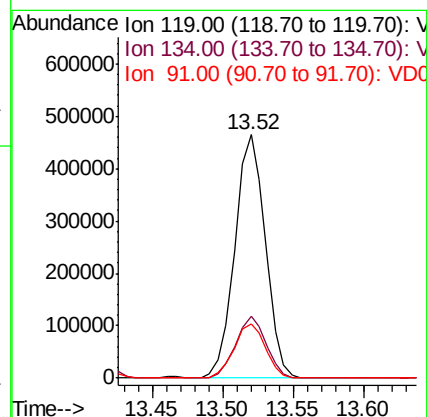
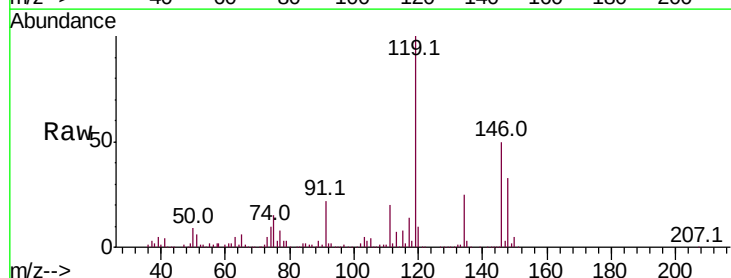
Instrument :
 MSVOA_D
 ClientSampleID :
 B-11(1-2)MS

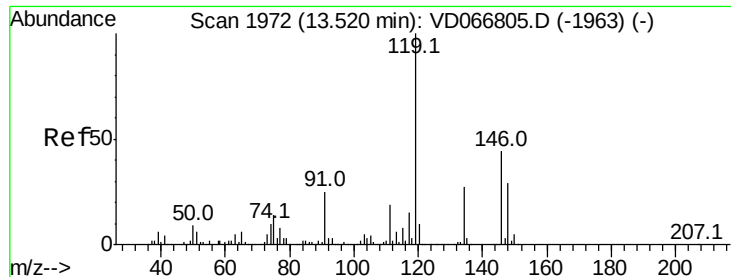
Tot Ion:105 Resp: 734222
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 49.124 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion:119 Resp: 697703
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 38.9
 91 22.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 53.506 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

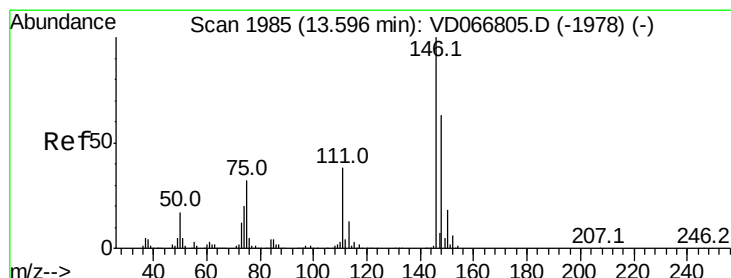
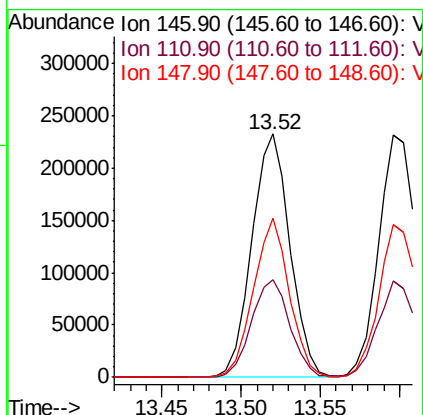
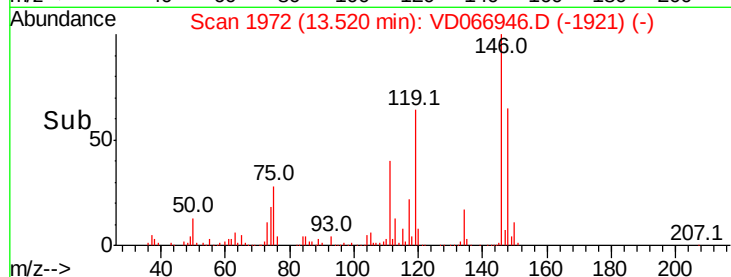
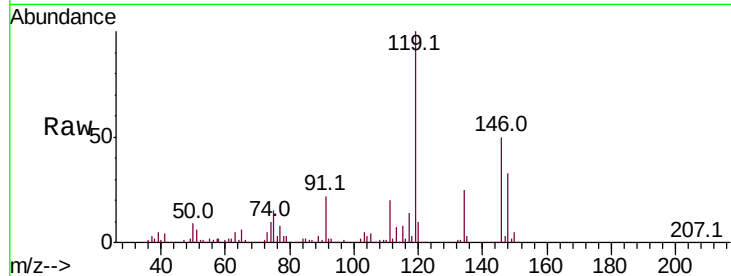
Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

Tot Ion:146 Resp: 388531

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	61.8	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 53.008 ug/l

RT: 13.60 min Scan# 1985

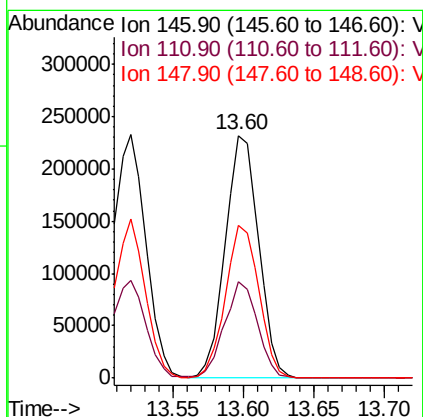
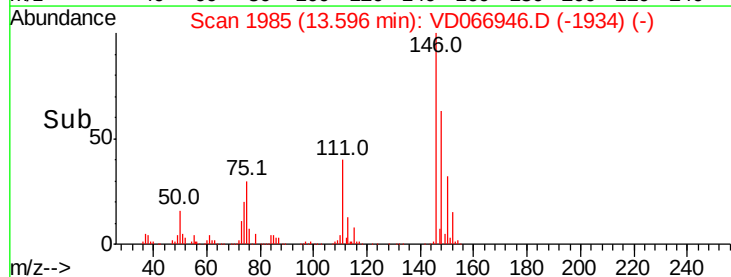
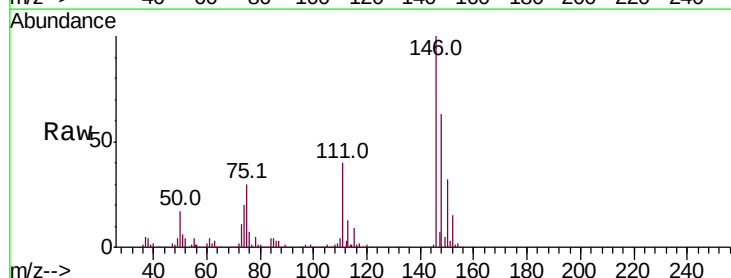
Delta R.T. -0.00 min

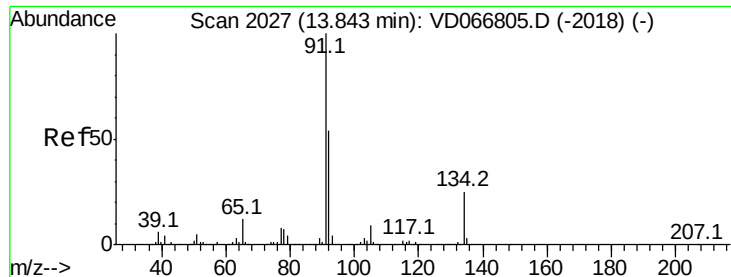
Lab File: VD066946.D

Acq: 29 Sep 2020 18:37

Tgt Ion:146 Resp: 382296

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.2	60.5
148	63.1	31.6	94.7

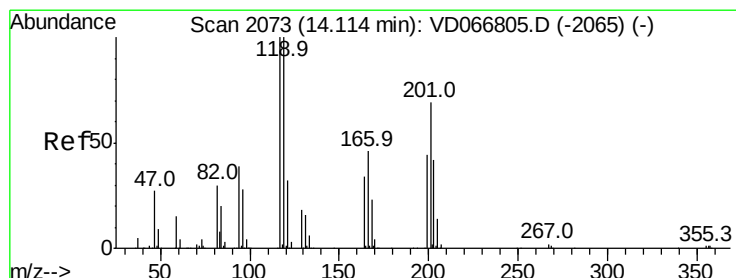
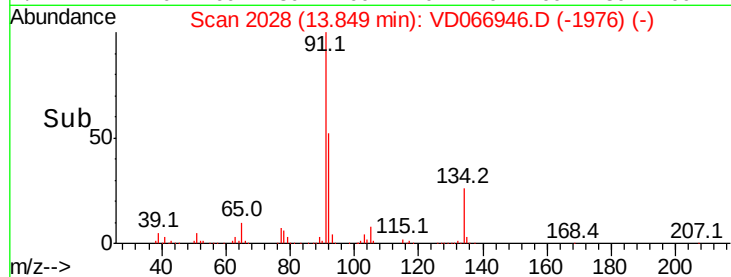
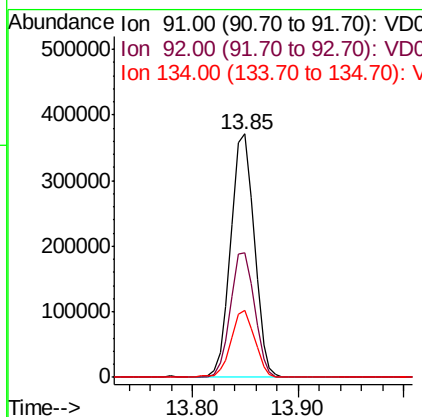
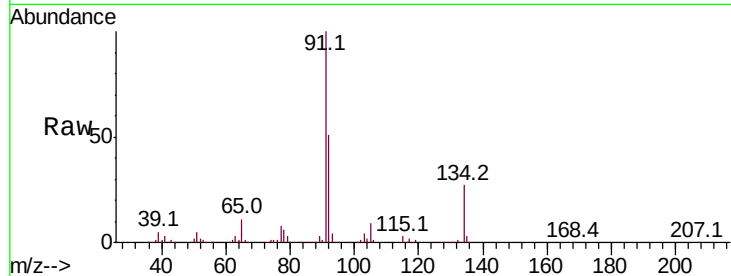




#89
n-Butylbenzene
Concen: 42.304 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

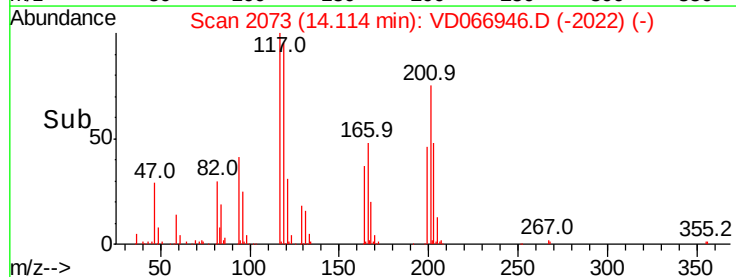
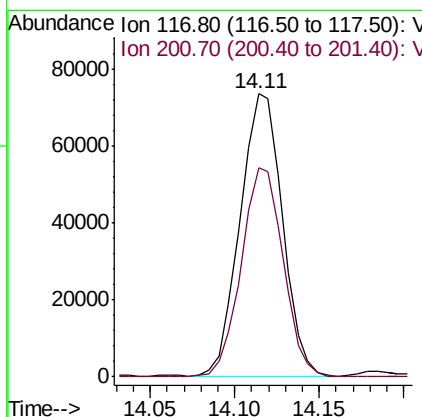
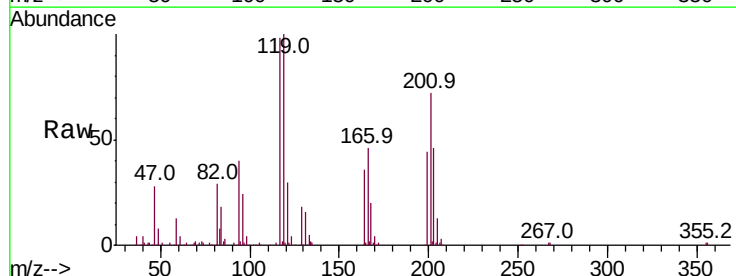
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

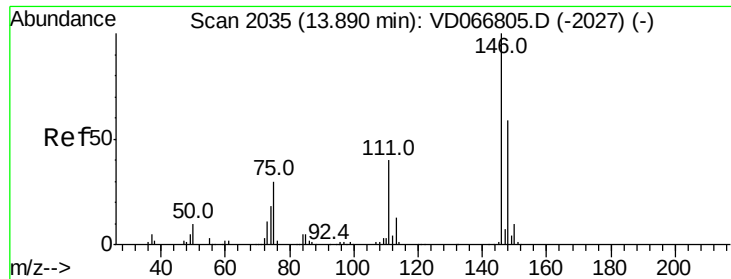
Tot Ion: 91 Resp: 571089
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.0
134 27.3 13.1 39.1



#90
Hexachloroethane
Concen: 44.398 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion: 117 Resp: 128022
Ion Ratio Lower Upper
117 100
201 73.4 33.7 101.0

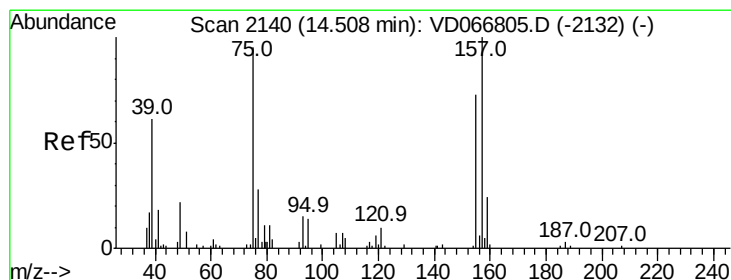
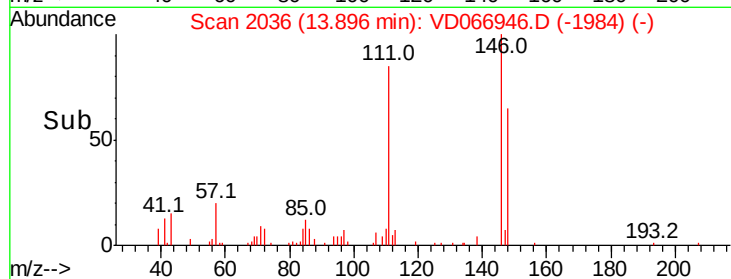
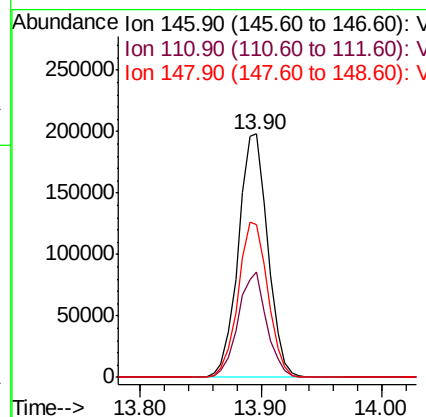
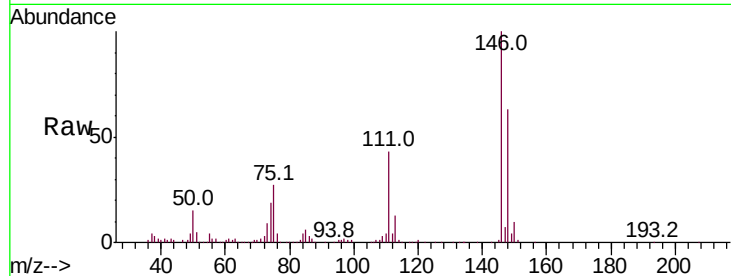




#91
 1,2-Dichlorobenzene
 Concen: 54.286 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

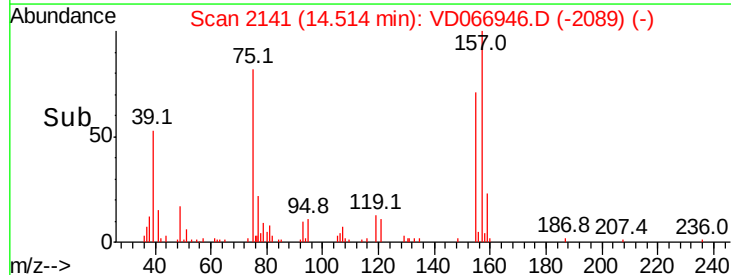
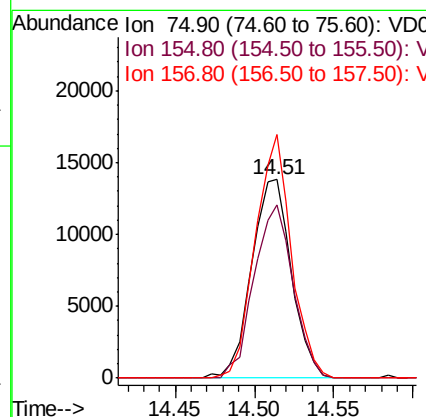
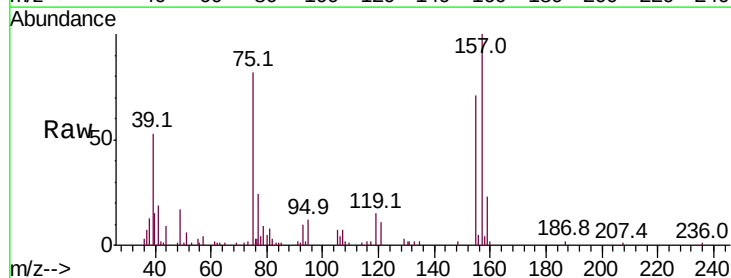
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

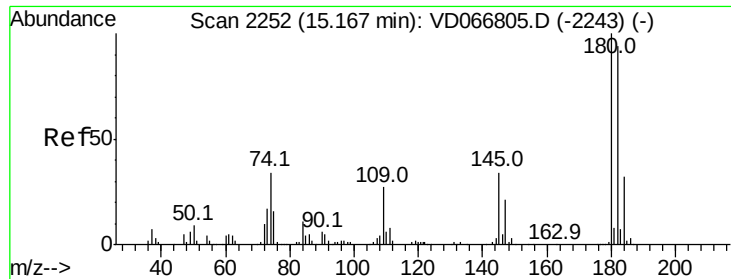
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.9	62.7
148	64.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.240 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	40.4	121.2
157	111.1	51.3	153.9

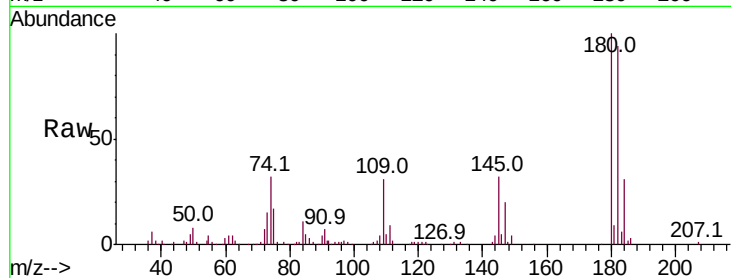




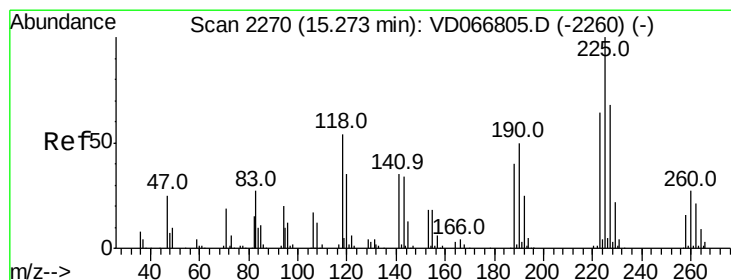
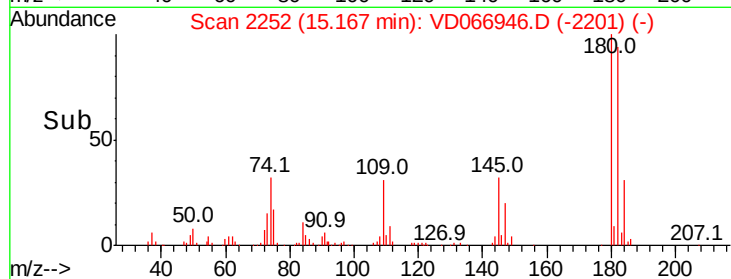
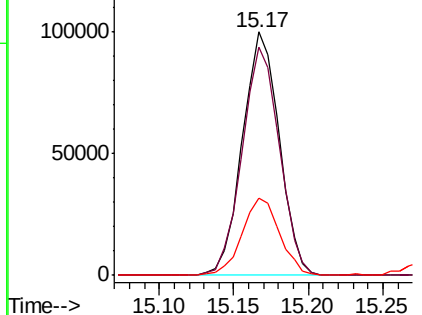
#93
 1,2,4-Trichlorobenzene
 Concen: 43.586 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.8	146.3
145	32.8	16.7	50.0

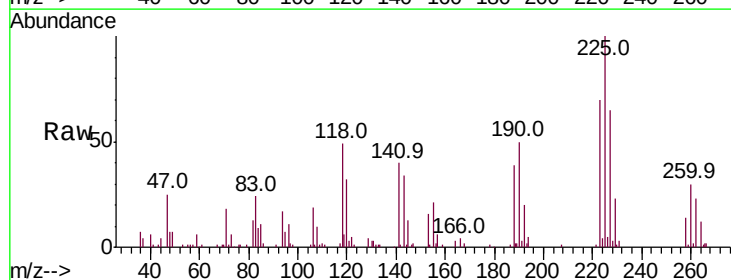


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

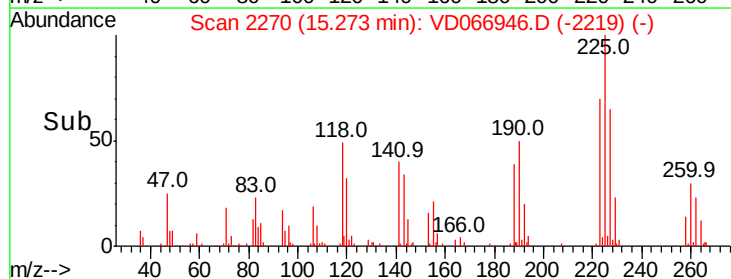
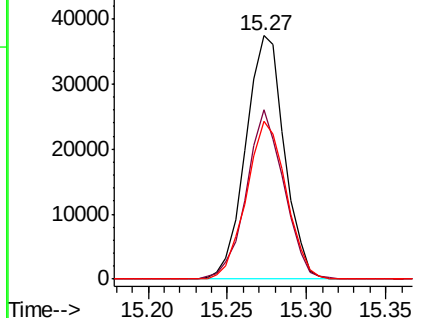


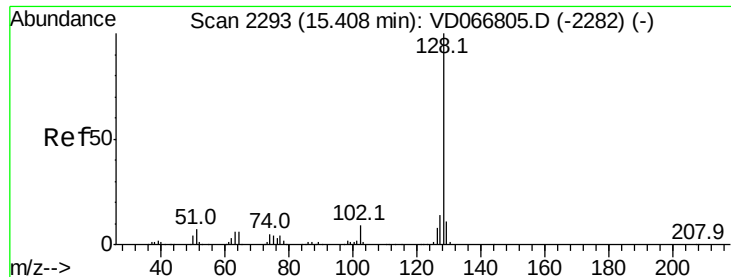
#94
 Hexachlorobutadiene
 Concen: 27.036 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066946.D
 Acq: 29 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.6	31.1	93.3
227	66.8	31.7	95.1



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

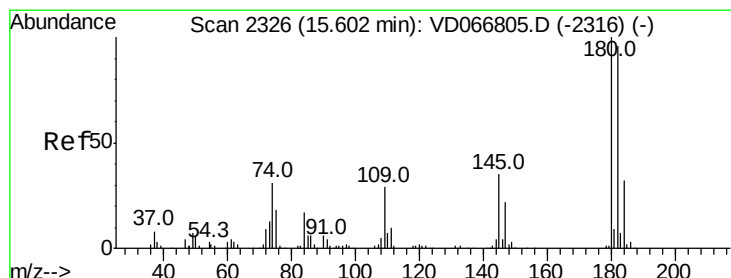
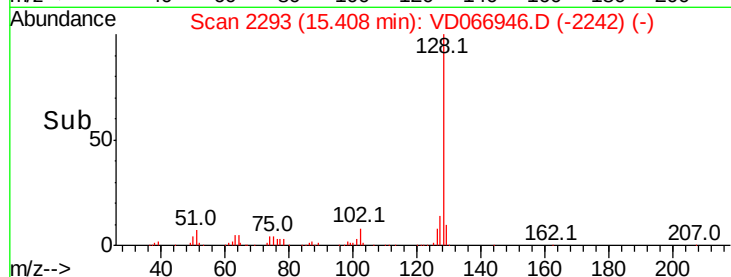
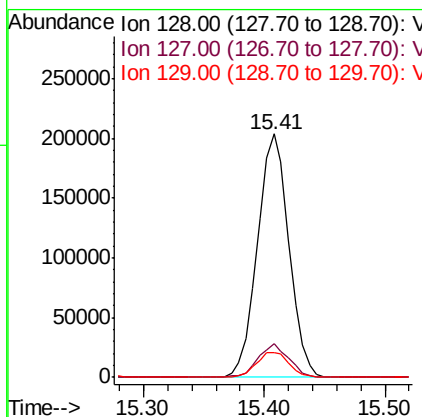
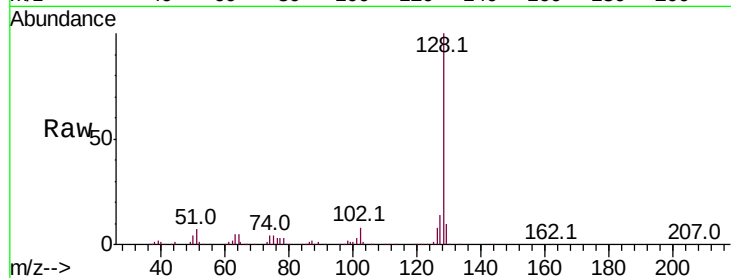




#95
Naphthalene
Concen: 55.353 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MS

Tot Ion:128 Resp: 367525
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 43.565 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066946.D
Acq: 29 Sep 2020 18:37

Tgt Ion:180 Resp: 147050
Ion Ratio Lower Upper
180 100
182 96.0 46.8 140.3
145 35.3 17.0 51.0

