

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066736.D
 Acq On : 17 Sep 2020 11:25
 Operator : VA/SY
 Sample : VD0917SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

Quant Time: Sep 18 01:13:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	403836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	669489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	622617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	214029	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.91	113	209224	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.34	98	750988	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.63	95	254162	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	70519	20.830	ug/l	94
3) Chloromethane	2.20	50	86273	19.632	ug/l	97
4) Vinyl Chloride	2.35	62	89094	19.371	ug/l	97
5) Bromomethane	2.76	94	65801	20.168	ug/l	93
6) Chloroethane	2.92	64	54517	19.027	ug/l	92
7) Trichlorofluoromethane	3.27	101	155141	19.529	ug/l	96
8) Diethyl Ether	3.71	74	38661	19.435	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	85850	19.664	ug/l	98
10) Methyl Iodide	4.30	142	75393	18.201	ug/l	98
11) Tert butyl alcohol	5.19	59	25725	32.164	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	75440	18.670	ug/l	94
13) Acrolein	3.92	56	29623	97.482	ug/l	97
14) Allyl chloride	4.71	41	125981	19.413	ug/l	97
15) Acrylonitrile	5.43	53	85760	98.415	ug/l	99
16) Acetone	4.16	43	87741	99.999	ug/l	98
17) Carbon Disulfide	4.41	76	261094	20.563	ug/l	98
18) Methyl Acetate	4.72	43	41021	19.720	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	176490	19.609	ug/l	98
20) Methylene Chloride	4.96	84	109565	18.608	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	92156	19.575	ug/l	100
22) Diisopropyl ether	6.36	45	264997	20.097	ug/l #	98
23) Vinyl Acetate	6.30	43	728448	99.316	ug/l	96
24) 1,1-Dichloroethane	6.26	63	164670	19.680	ug/l	96
25) 2-Butanone	7.21	43	108086	94.603	ug/l	100
26) 2,2-Dichloropropane	7.20	77	146748	18.966	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	102905	19.980	ug/l	100
28) Bromochloromethane	7.54	49	69905	22.367	ug/l	96
29) Tetrahydrofuran	7.56	42	67059	95.931	ug/l	98
30) Chloroform	7.71	83	179224	20.126	ug/l	95
31) Cyclohexane	7.98	56	145006	19.052	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	162421	19.932	ug/l	99
36) 1,1-Dichloropropene	8.11	75	134125	19.486	ug/l	99
37) Ethyl Acetate	7.29	43	51728	19.851	ug/l	98
38) Carbon Tetrachloride	8.09	117	141420	19.347	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066736.D
 Acq On : 17 Sep 2020 11:25
 Operator : VA/SY
 Sample : VD0917SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

Quant Time: Sep 18 01:13:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	141583	17.983	ug/l	95
40) Benzene	8.34	78	372072	19.980	ug/l	96
41) Methacrylonitrile	7.51	41	24655	17.872	ug/l	90
42) 1,2-Dichloroethane	8.42	62	114486	19.844	ug/l	98
43) Isopropyl Acetate	8.45	43	94761	19.320	ug/l	98
44) Trichloroethene	9.11	130	98260	19.735	ug/l	90
45) 1,2-Dichloropropane	9.38	63	90432	19.643	ug/l	95
46) Dibromomethane	9.47	93	49457	19.550	ug/l	95
47) Bromodichloromethane	9.66	83	137108	19.890	ug/l	96
48) Methyl methacrylate	9.45	41	44627	17.888	ug/l	91
49) 1,4-Dioxane	9.46	88	10132	373.892	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	241783	95.750	ug/l	100
52) Toluene	10.40	92	239981	20.116	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	121103	19.666	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	145488	19.891	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	63665	19.088	ug/l	96
56) Ethyl methacrylate	10.66	69	73493	19.417	ug/l	99
57) 1,3-Dichloropropane	10.94	76	116292	19.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	189474	113.979	ug/l	100
59) 2-Hexanone	10.98	43	167536	98.743	ug/l	100
60) Dibromochloromethane	11.14	129	89356	20.560	ug/l	97
61) 1,2-Dibromoethane	11.24	107	63332	19.794	ug/l	99
64) Tetrachloroethene	10.87	164	76362	17.967	ug/l	95
65) Chlorobenzene	11.67	112	249487	19.354	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	91418	19.221	ug/l	99
67) Ethyl Benzene	11.74	91	446753	19.133	ug/l	96
68) m/p-Xylenes	11.85	106	341794	38.731	ug/l	99
69) o-Xylene	12.18	106	149539	19.175	ug/l	98
70) Styrene	12.19	104	259233	18.887	ug/l	97
71) Bromoform	12.36	173	46656	19.546	ug/l #	100
73) Isopropylbenzene	12.48	105	404039	18.492	ug/l	99
74) N-amyl acetate	12.29	43	83788	18.180	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	74072	19.951	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	94083	37.555	ug/l #	100
77) Bromobenzene	12.76	156	94144	18.695	ug/l	98
78) n-propylbenzene	12.82	91	501559	18.831	ug/l	99
79) 2-Chlorotoluene	12.91	91	285427	18.952	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	353557	19.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22150	19.082	ug/l	98
82) 4-Chlorotoluene	13.01	91	303421	19.054	ug/l	100
83) tert-Butylbenzene	13.23	119	281967	18.518	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	353248	19.134	ug/l	100
85) sec-Butylbenzene	13.40	105	402806	18.453	ug/l	100
86) p-Isopropyltoluene	13.52	119	378368	19.066	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	186599	19.314	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	186173	19.351	ug/l	99
89) n-Butylbenzene	13.84	91	349199	18.505	ug/l	97
90) Hexachloroethane	14.11	117	77184	18.933	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	164285	19.845	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11847	19.740	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066736.D
Acq On : 17 Sep 2020 11:25
Operator : VA/SY
Sample : VD0917SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

Quant Time: Sep 18 01:13:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

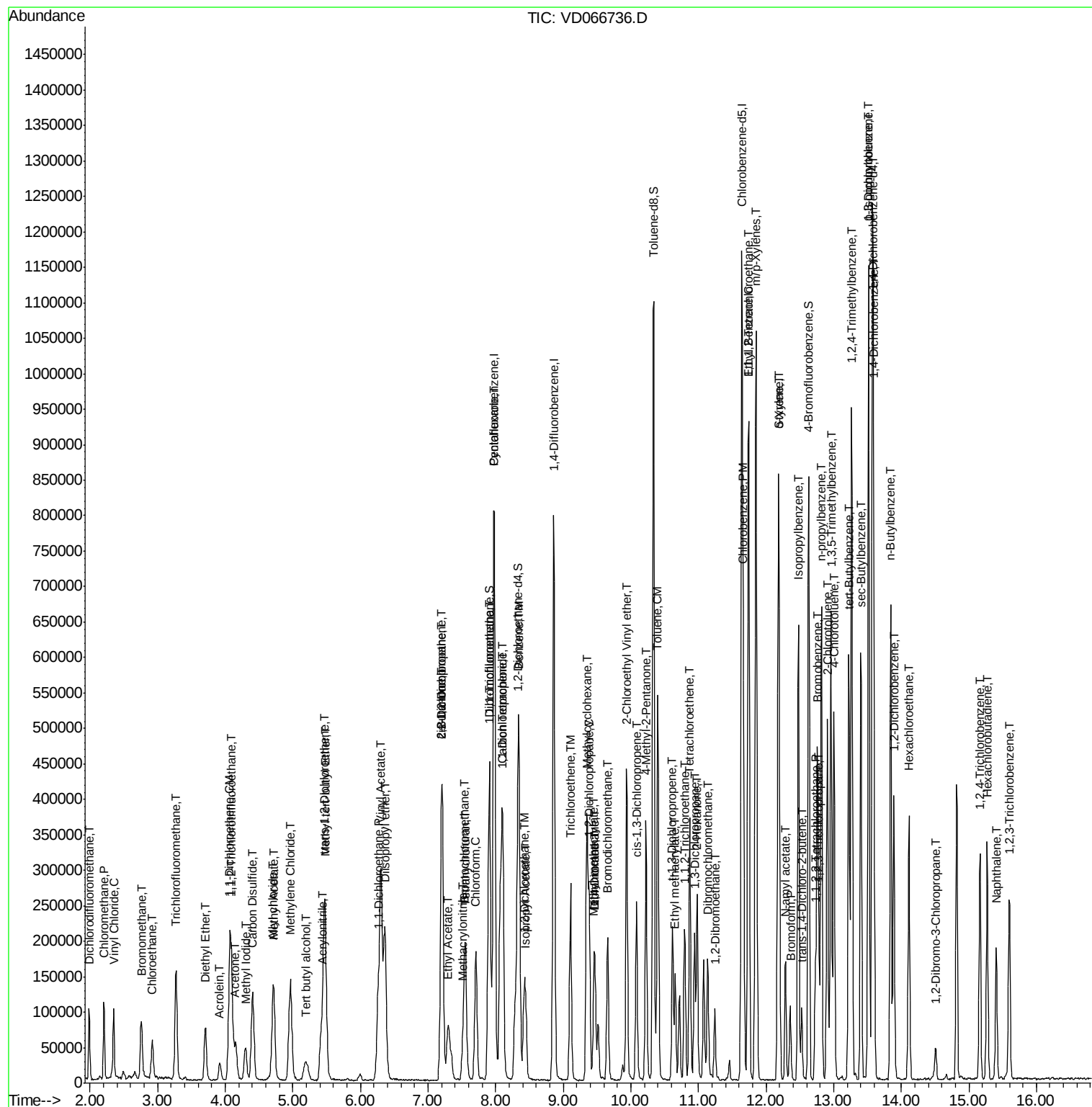
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	95882	19.150	ug/l	98
94) Hexachlorobutadiene	15.27	225	54188	17.963	ug/l	99
95) Naphthalene	15.41	128	159374	18.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	80303	18.362	ug/l	94

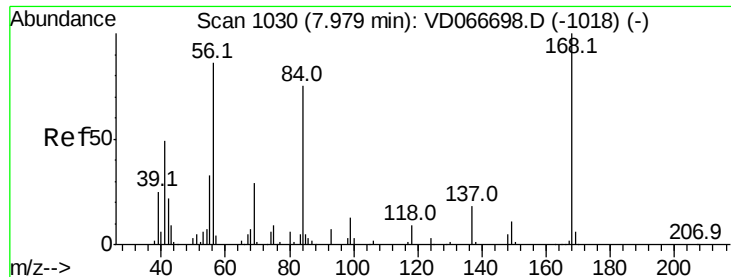
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066736.D
Acq On : 17 Sep 2020 11:25
Operator : VA/SY
Sample : VD0917SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

Quant Time: Sep 18 01:13:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

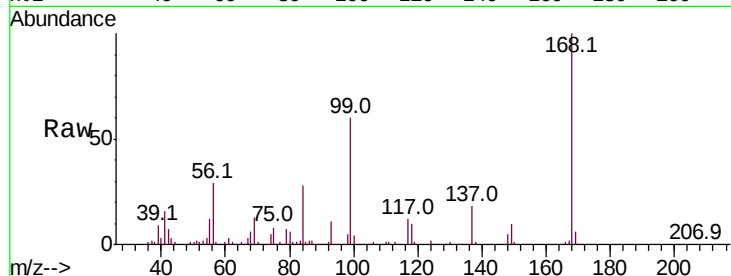
VD0917SBS01

Tot Ion:168 Resp: 403836

Ion Ratio Lower Upper

168 100

99 59.6 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

150000

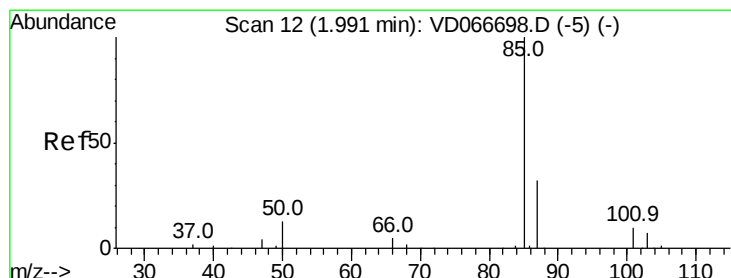
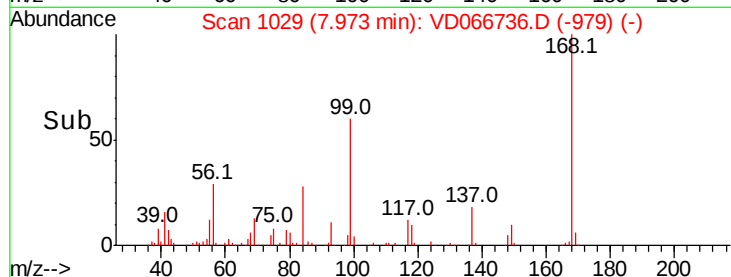
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.830 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066736.D

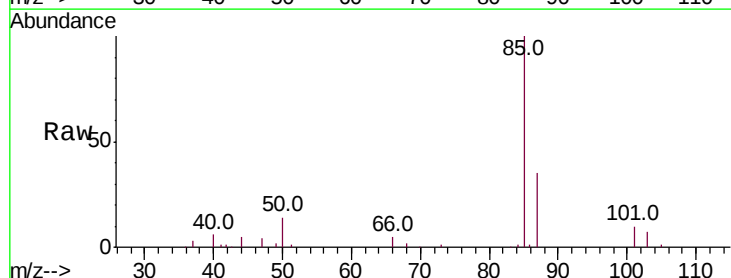
Acq: 17 Sep 2020 11:25

Tgt Ion: 85 Resp: 70519

Ion Ratio Lower Upper

85 100

87 34.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

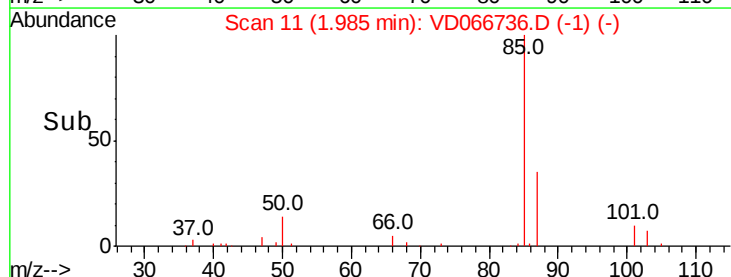
20000

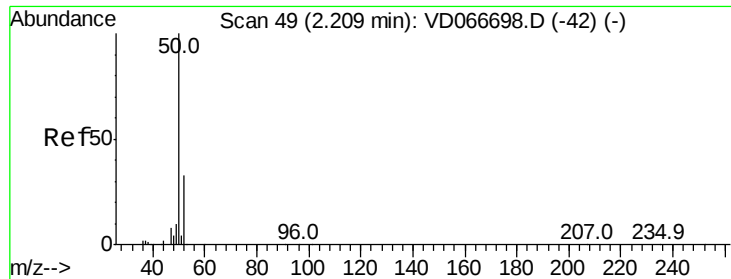
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.632 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

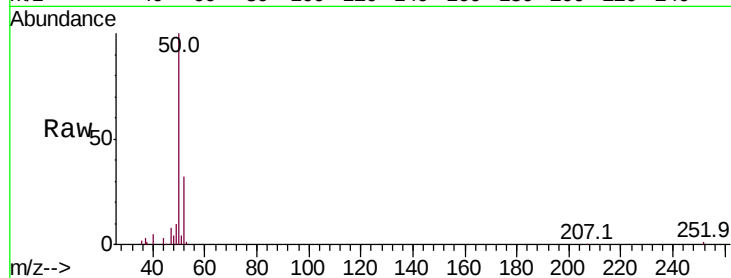
VD0917SBS01

Tot Ion: 50 Resp: 86273

Ion Ratio Lower Upper

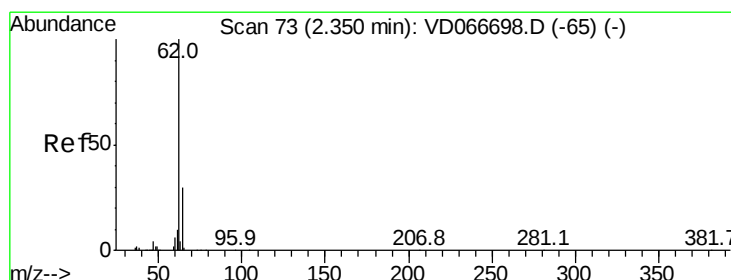
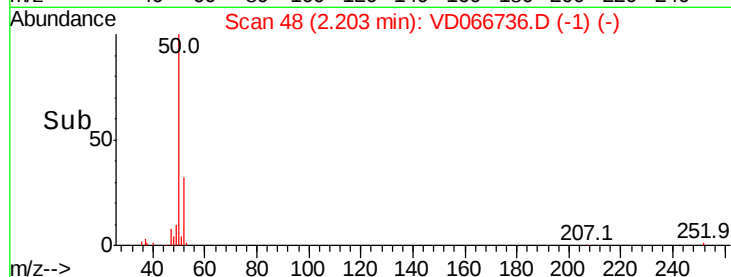
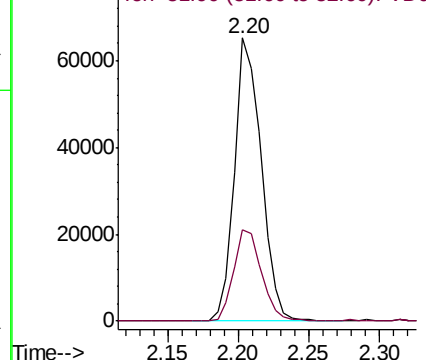
50 100

52 32.1 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.371 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066736.D

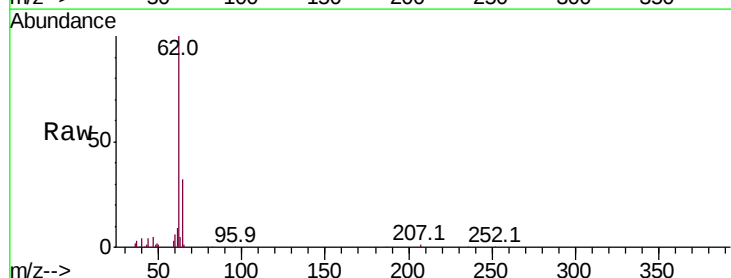
Acq: 17 Sep 2020 11:25

Tgt Ion: 62 Resp: 89094

Ion Ratio Lower Upper

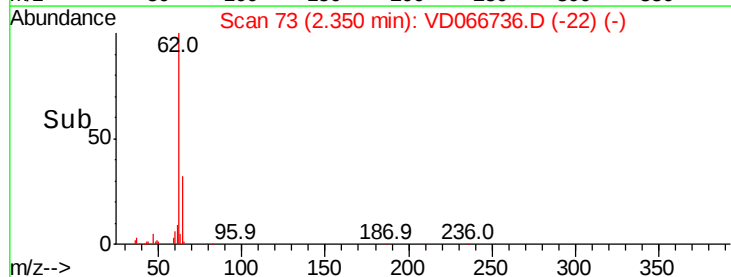
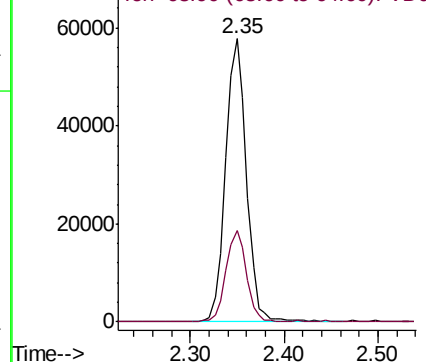
62 100

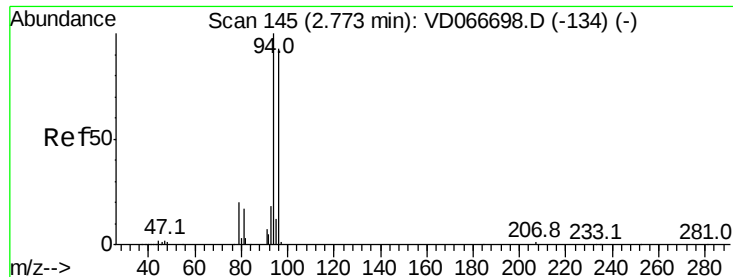
64 32.1 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.168 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

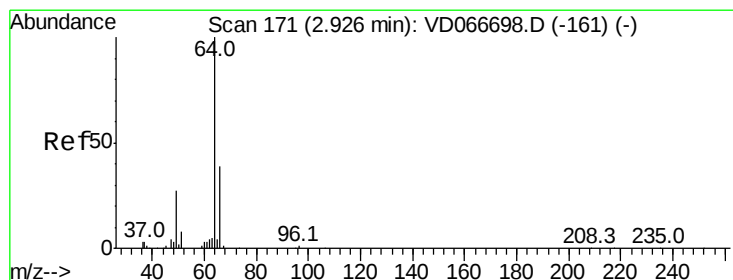
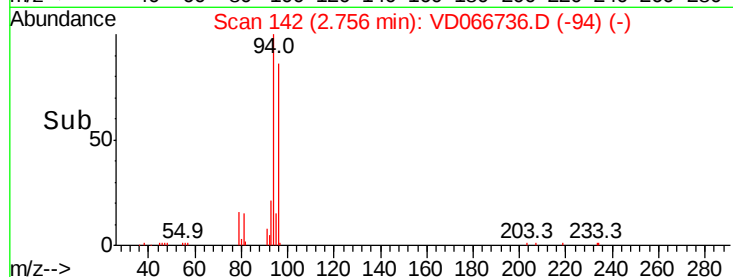
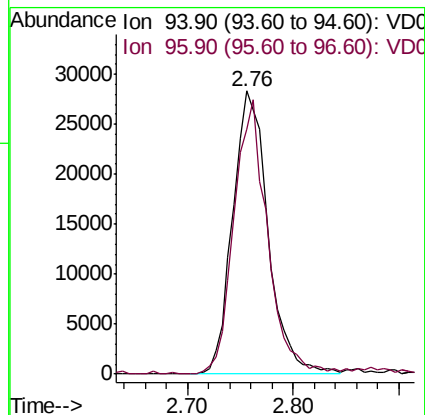
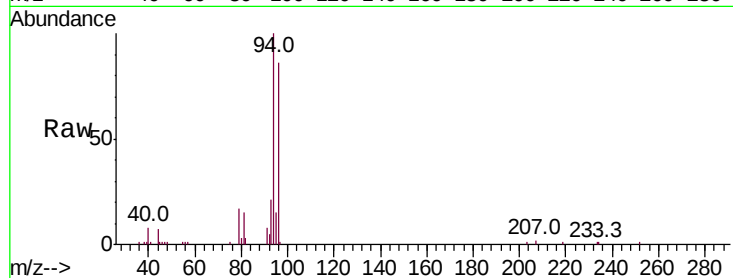
VD0917SBS01

Tot Ion: 94 Resp: 65801

Ion Ratio Lower Upper

94 100

96 86.4 74.7 112.1



#6

Chloroethane

Concen: 19.027 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066736.D

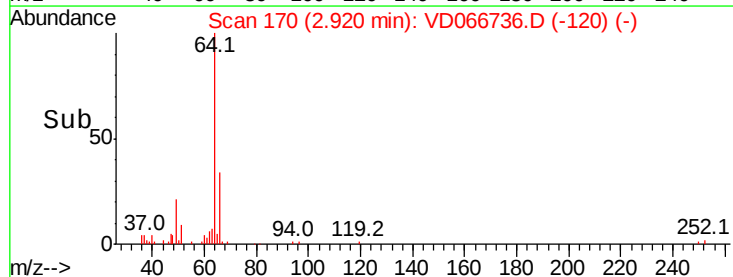
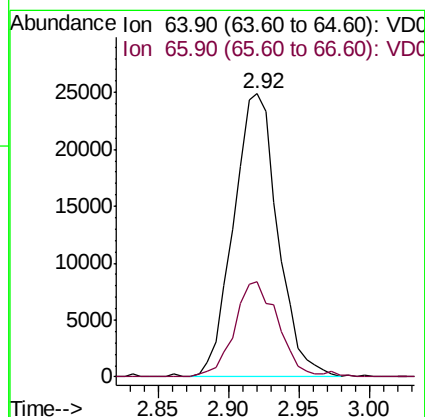
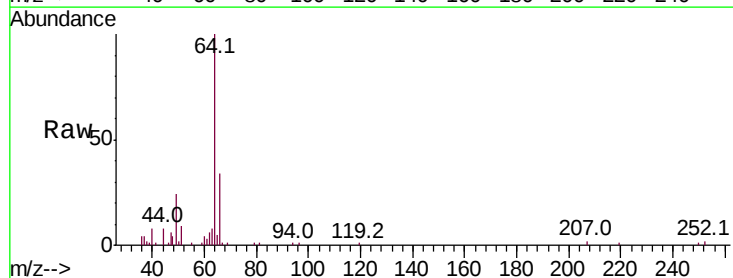
Acq: 17 Sep 2020 11:25

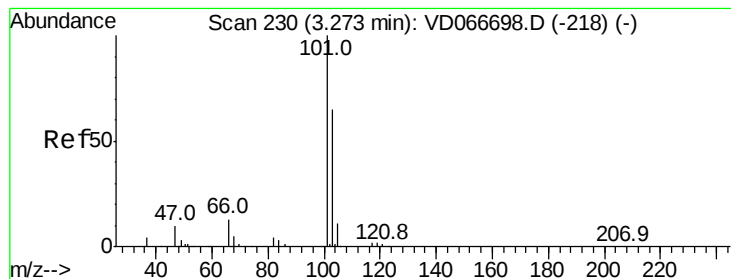
Tgt Ion: 64 Resp: 54517

Ion Ratio Lower Upper

64 100

66 33.7 30.9 46.3



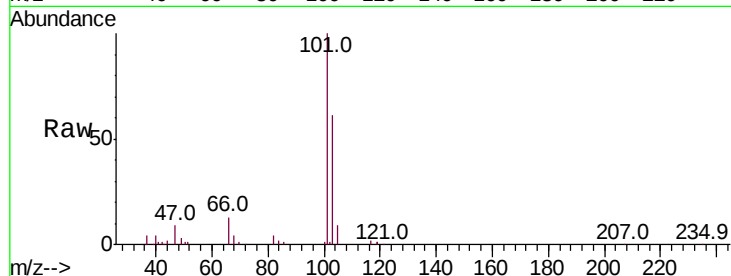


#7

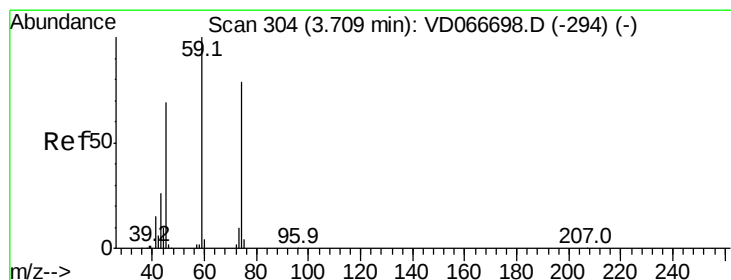
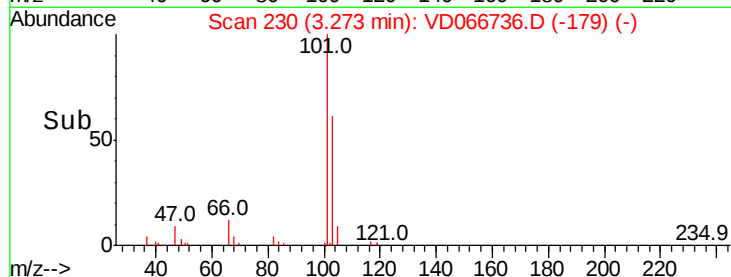
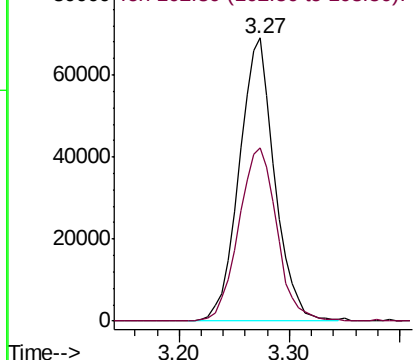
Trichlorofluoromethane
Concen: 19.529 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

Tot Ion:101 Resp: 155141
Ion Ratio Lower Upper
101 100
103 61.4 51.8 77.8



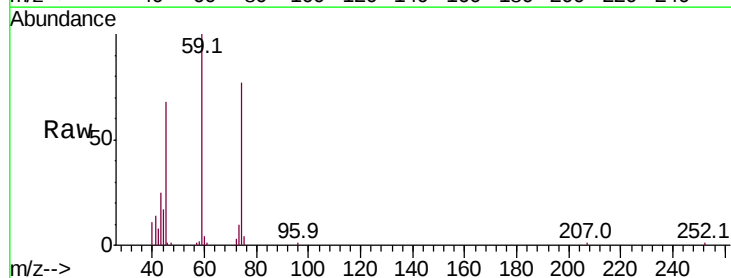
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



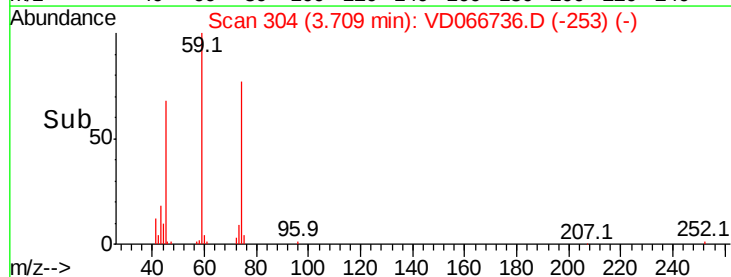
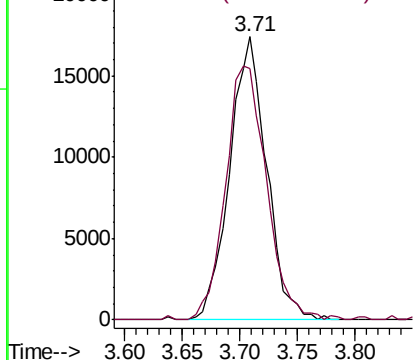
#8

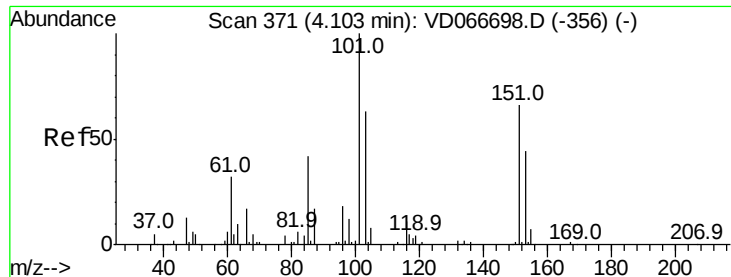
Diethyl Ether
Concen: 19.435 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 74 Resp: 38661
Ion Ratio Lower Upper
74 100
45 99.1 48.0 144.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.664 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

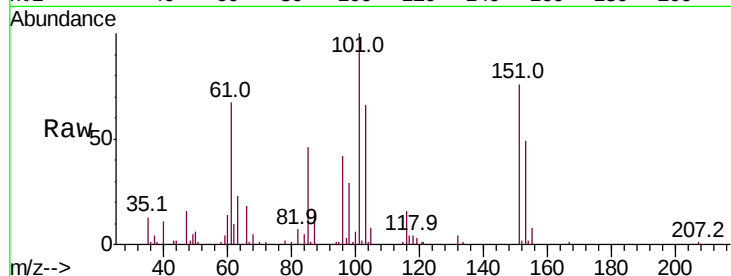
Tot Ion:101 Resp: 85850

Ion Ratio Lower Upper

101 100

85 46.4 36.3 54.5

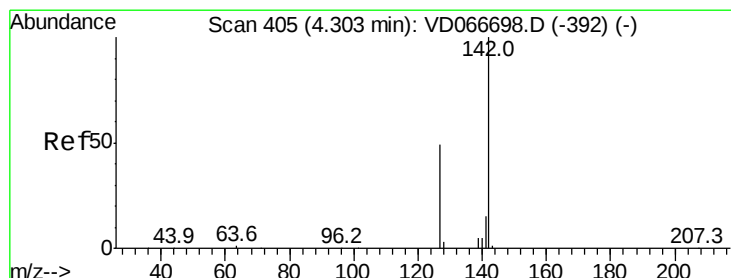
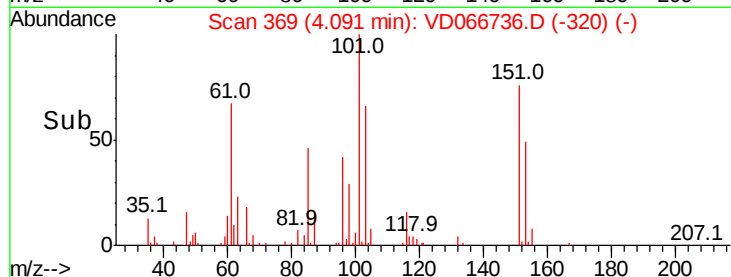
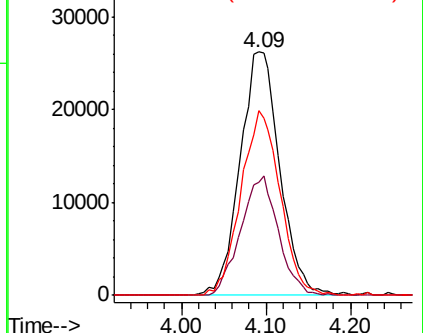
151 74.6 58.0 87.0



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: 18.201 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

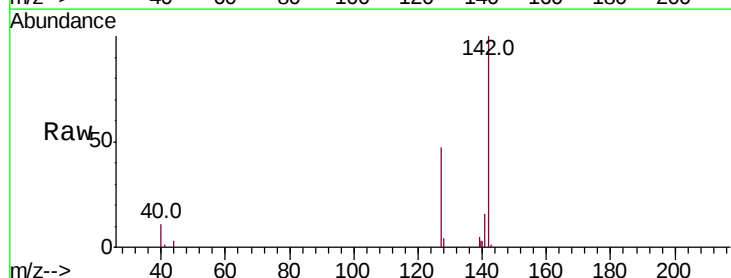
Tgt Ion:142 Resp: 75393

Ion Ratio Lower Upper

142 100

127 50.2 39.0 58.4

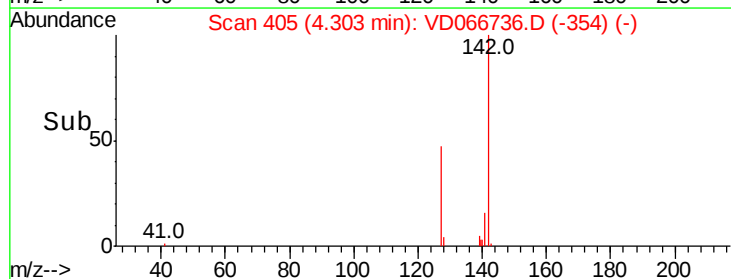
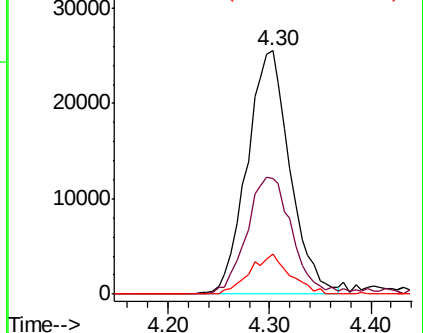
141 15.3 11.7 17.5

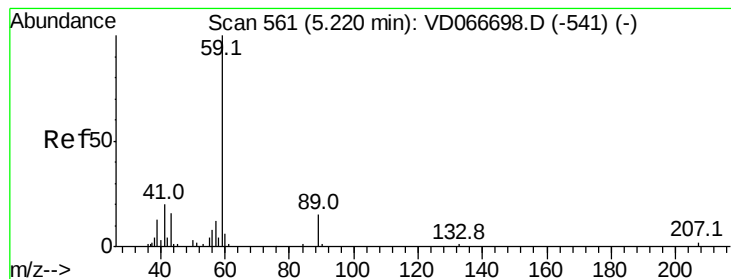


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



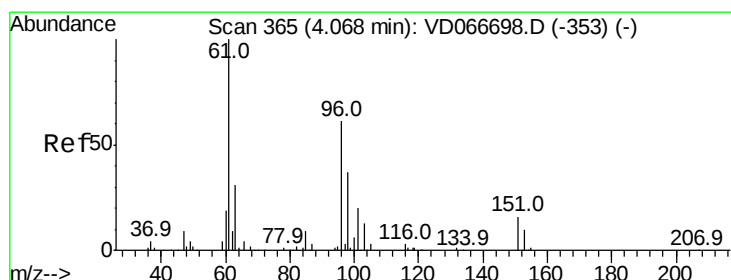
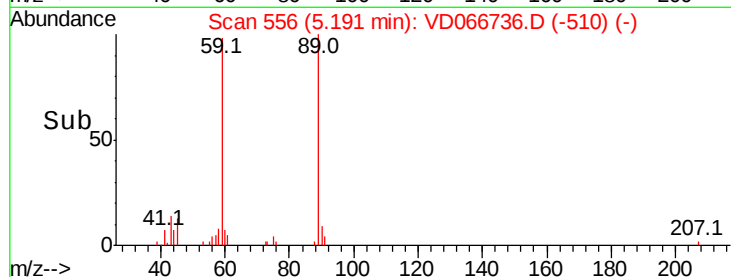
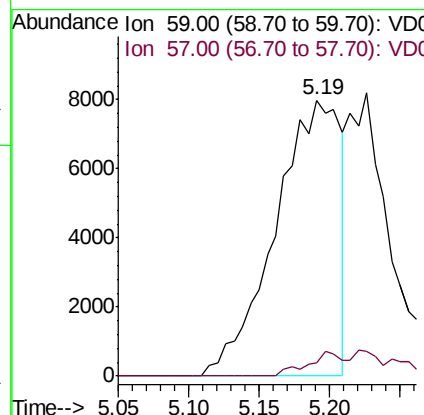
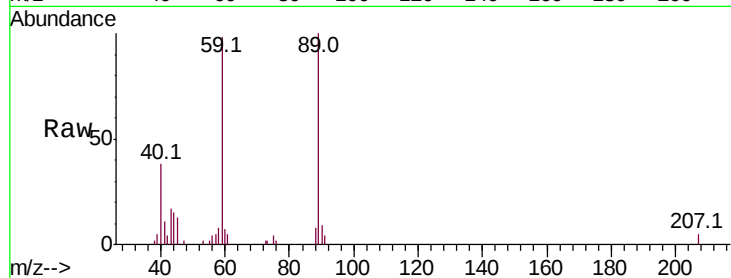


#11

Tert butyl alcohol
Concen: 32.164 ug/l
RT: 5.19 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

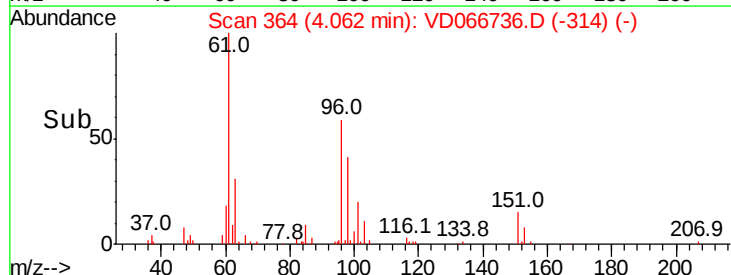
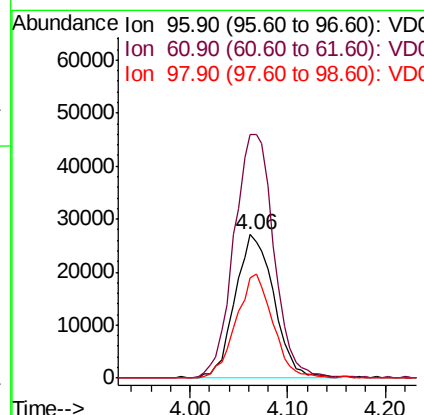
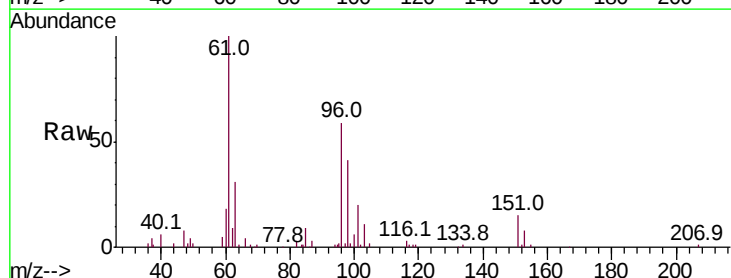
Tot Ion: 59 Resp: 25725
Ion Ratio Lower Upper
59 100
57 5.0 6.7 10.1#

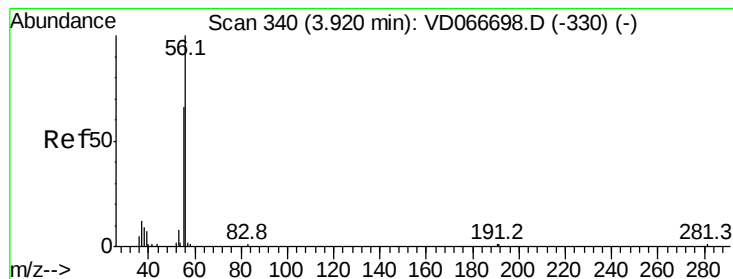


#12

1,1-Dichloroethene
Concen: 18.670 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 96 Resp: 75440
Ion Ratio Lower Upper
96 100
61 169.6 131.9 197.9
98 69.9 49.1 73.7





#13

Acrolein

Concen: 97.482 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

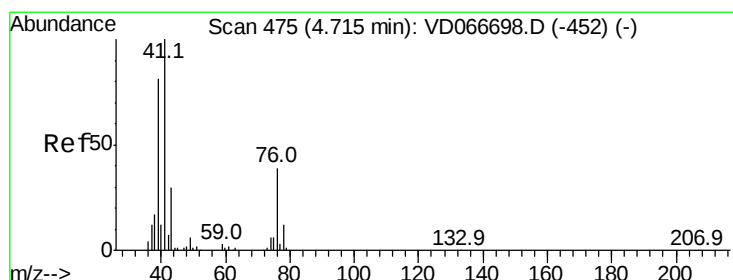
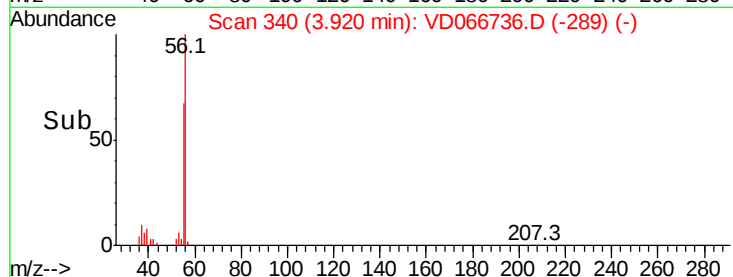
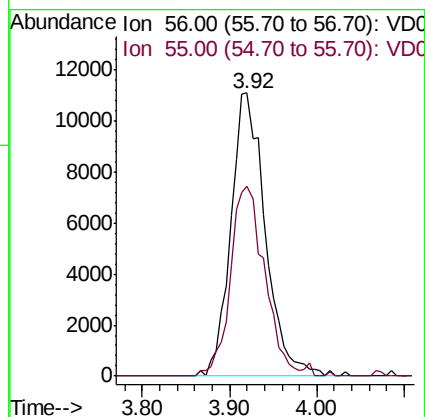
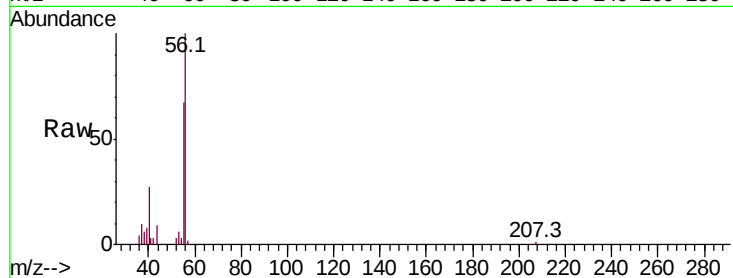
VD0917SBS01

Tot Ion: 56 Resp: 29623

Ion Ratio Lower Upper

56 100

55 66.3 54.7 82.1



#14

Allyl chloride

Concen: 19.413 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

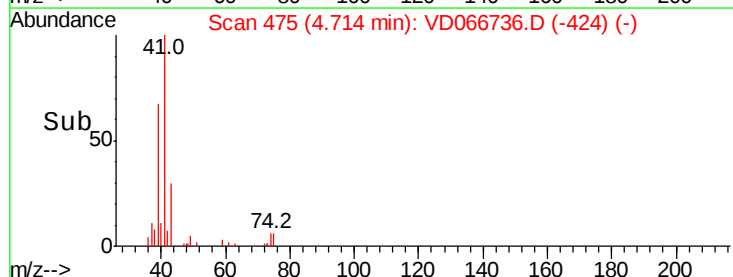
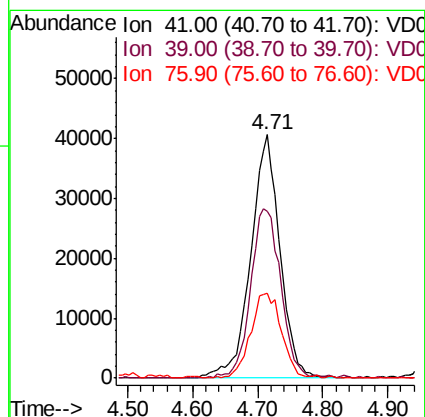
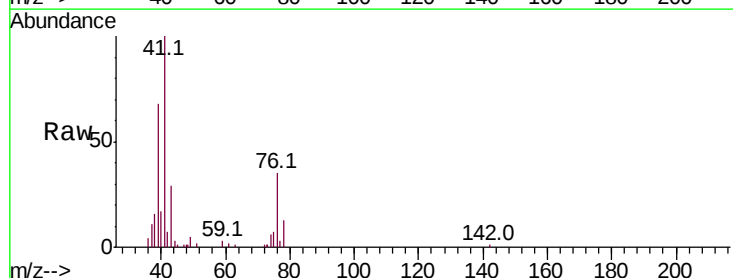
Tgt Ion: 41 Resp: 125981

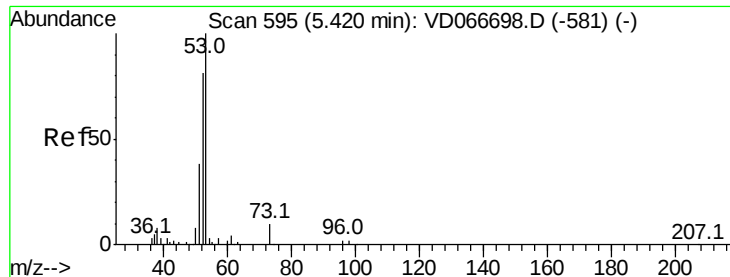
Ion Ratio Lower Upper

41 100

39 71.8 60.6 90.8

76 36.7 29.2 43.8





#15

Acrylonitrile

Concen: 98.415 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

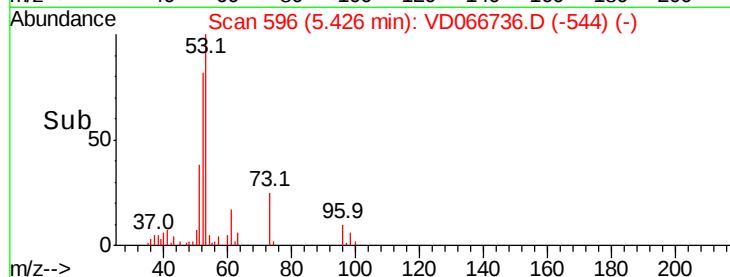
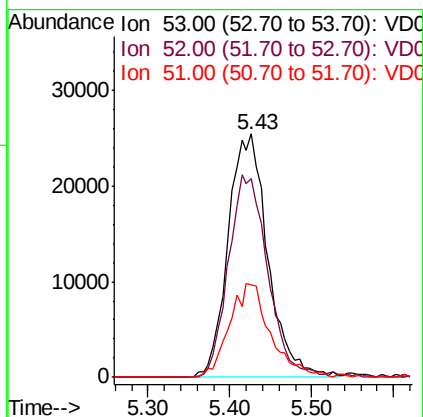
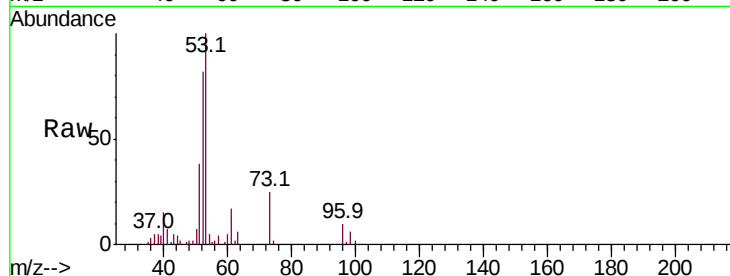
Tot Ion: 53 Resp: 85760

Ion Ratio Lower Upper

53 100

52 82.3 66.6 99.8

51 39.7 31.0 46.6



#16

Acetone

Concen: 99.999 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066736.D

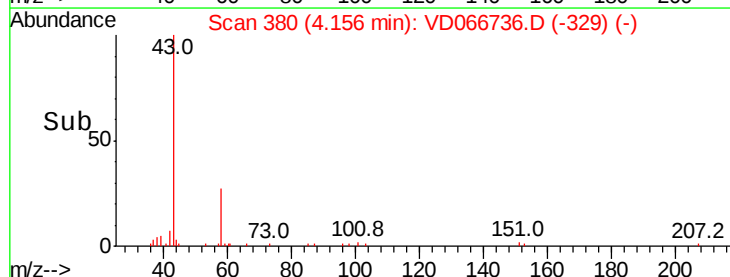
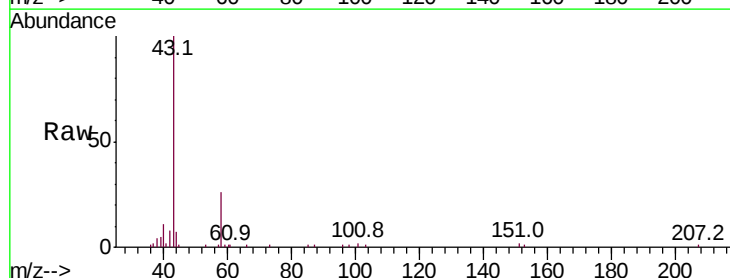
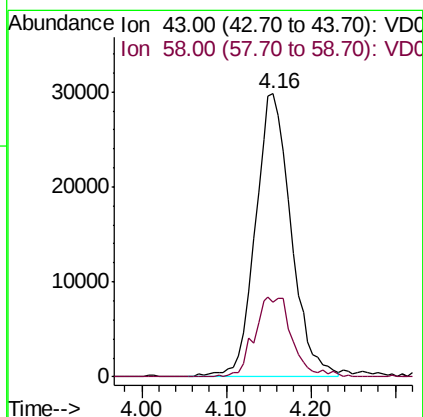
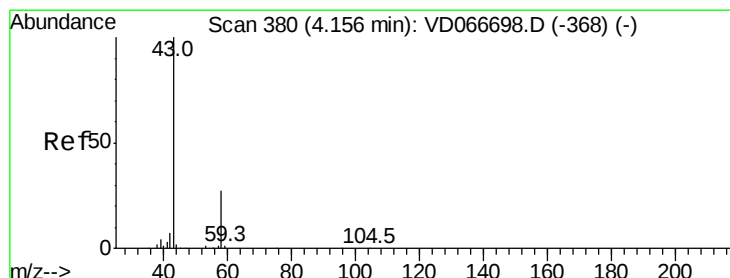
Acq: 17 Sep 2020 11:25

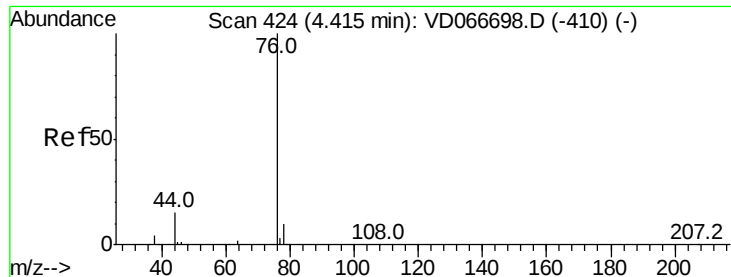
Tgt Ion: 43 Resp: 87741

Ion Ratio Lower Upper

43 100

58 26.4 21.9 32.9

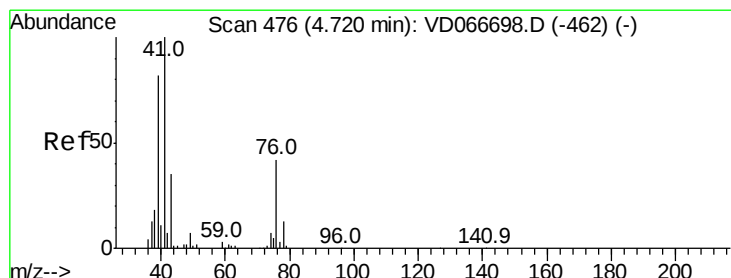
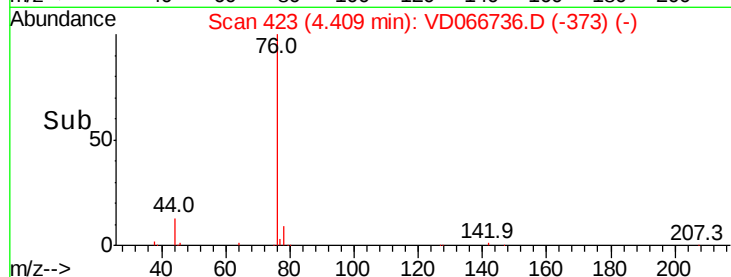
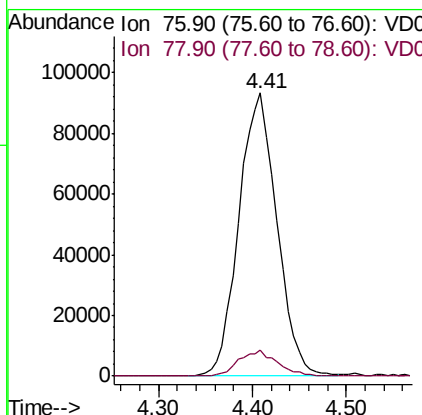
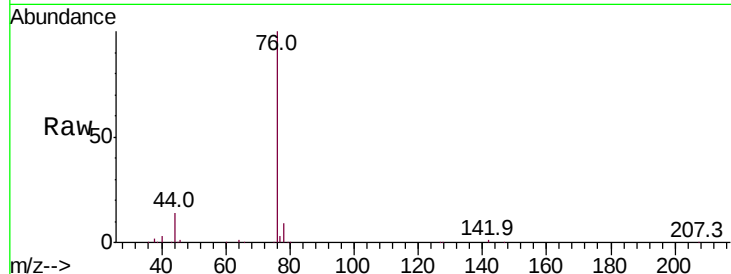




#17
Carbon Disulfide
Concen: 20.563 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

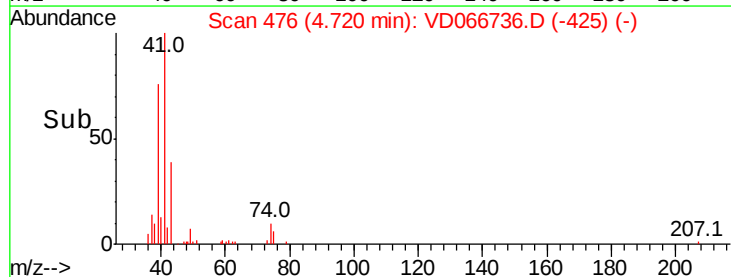
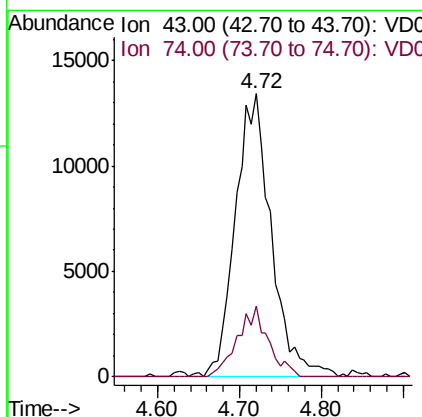
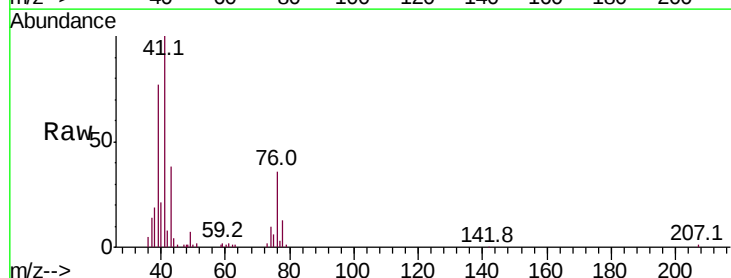
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

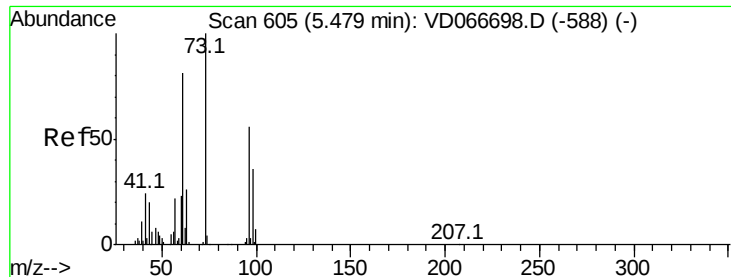
Tot Ion: 76 Resp: 261094
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0



#18
Methyl Acetate
Concen: 19.720 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 43 Resp: 41021
Ion Ratio Lower Upper
43 100
74 21.4 18.6 28.0



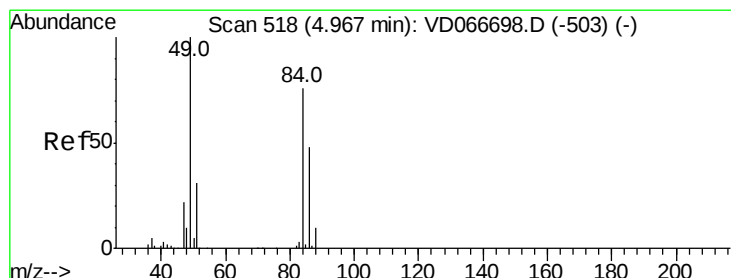
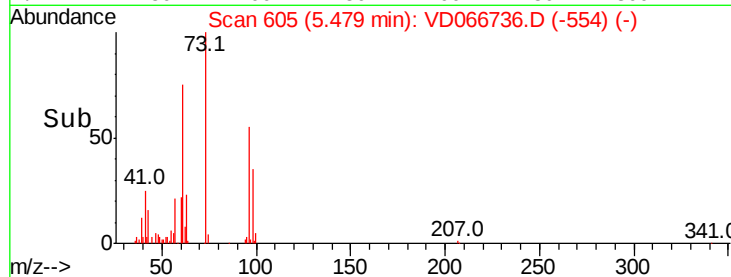
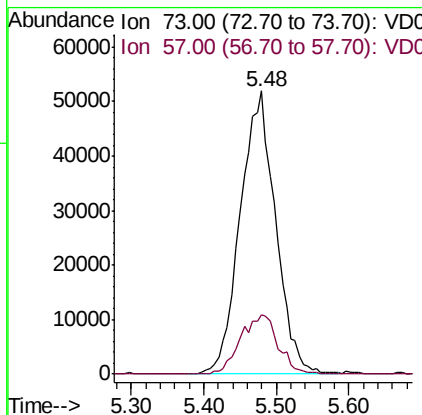
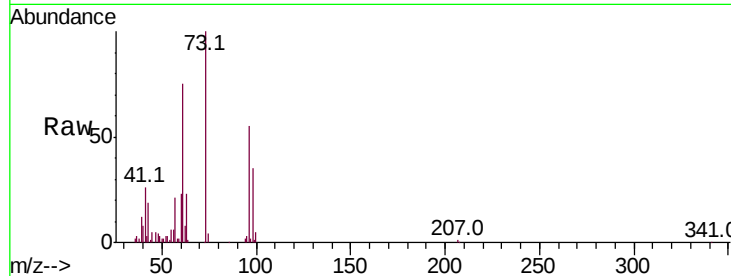


#19

Methyl tert-butyl Ether
 Concen: 19.609 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

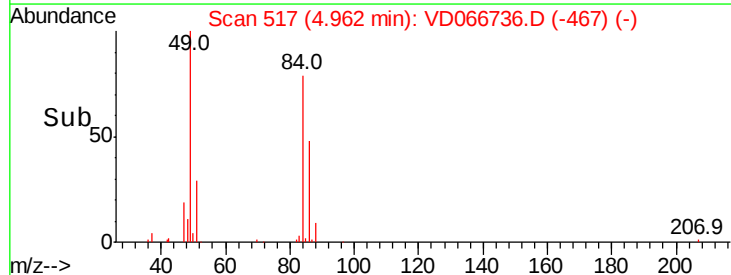
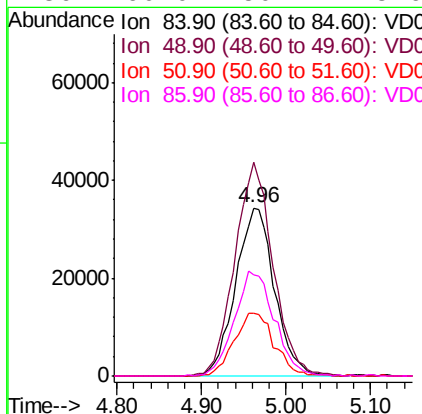
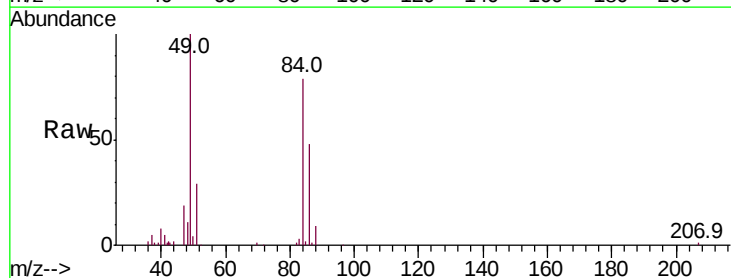
Tot Ion: 73 Resp: 176490
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.8 26.6

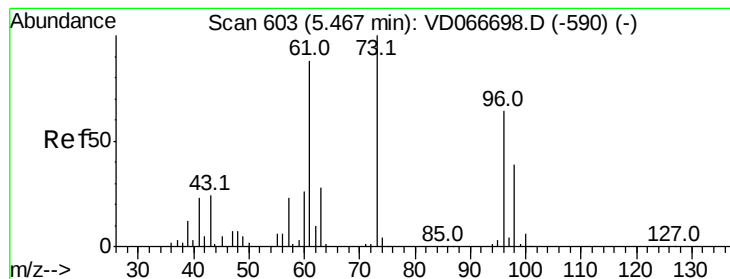


#20

Methylene Chloride
 Concen: 18.608 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Tgt Ion: 84 Resp: 109565
 Ion Ratio Lower Upper
 84 100
 49 126.9 105.0 157.6
 51 37.1 32.2 48.4
 86 60.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.575 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

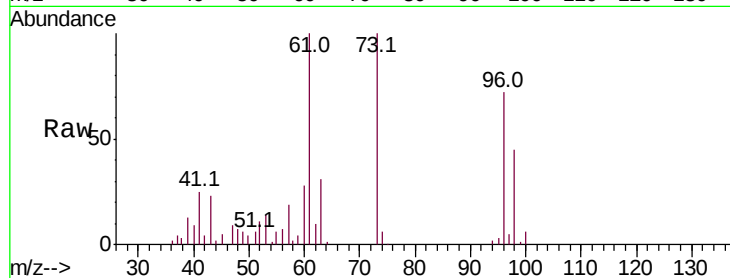
Tot Ion: 96 Resp: 92156

Ion Ratio Lower Upper

96 100

61 138.4 110.6 166.0

98 62.4 49.2 73.8

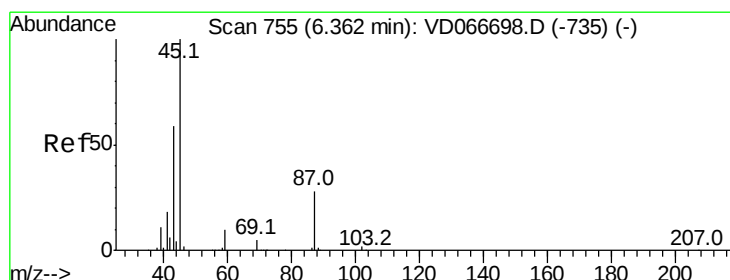
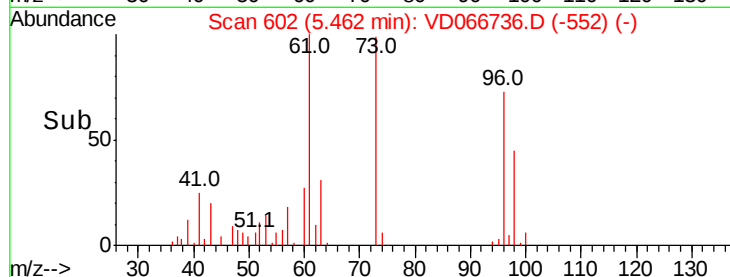
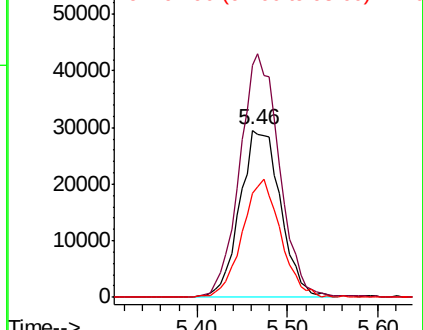


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.097 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Tgt Ion: 45 Resp: 264997

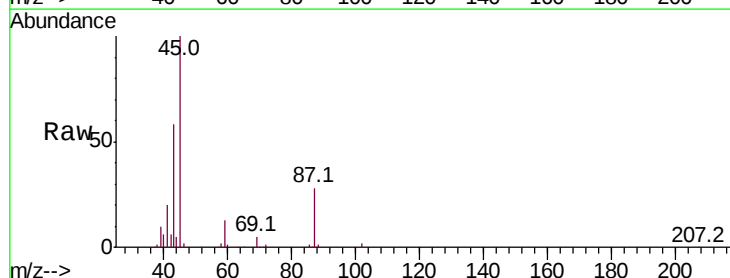
Ion Ratio Lower Upper

45 100

43 57.1 46.9 70.3

87 27.6 22.4 33.6

59 13.1 8.5 12.7#



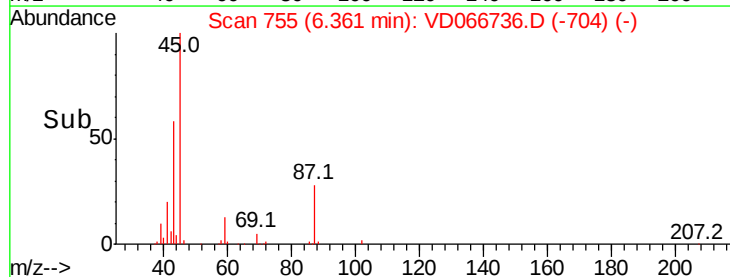
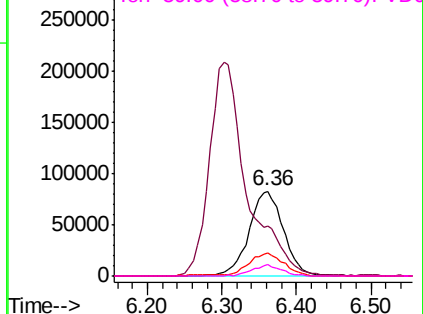
Abundance

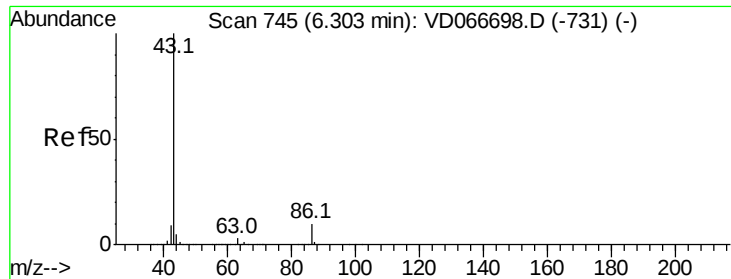
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC

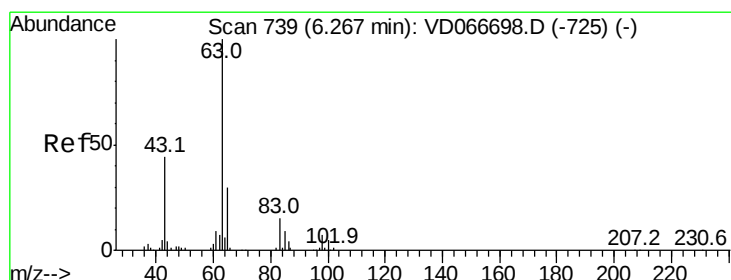
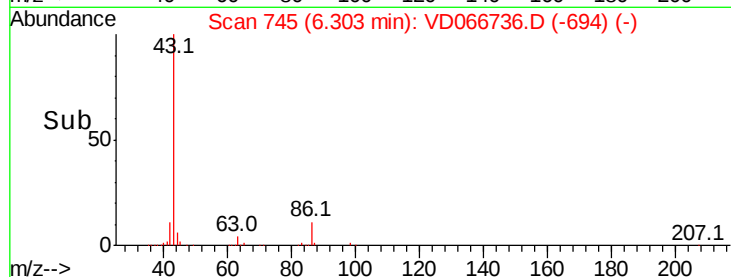
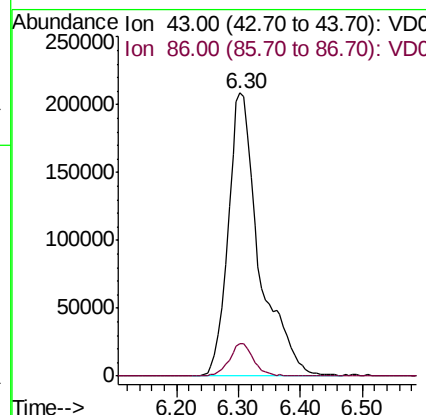
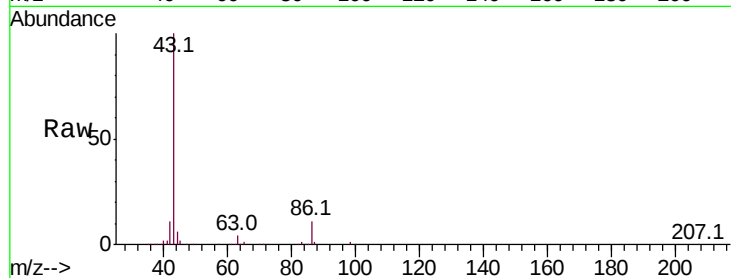




#23
 Vinyl Acetate
 Concen: 99.316 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

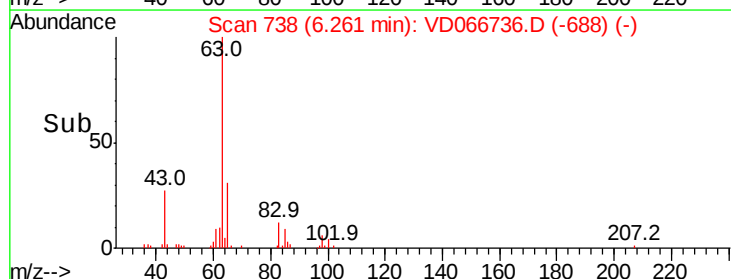
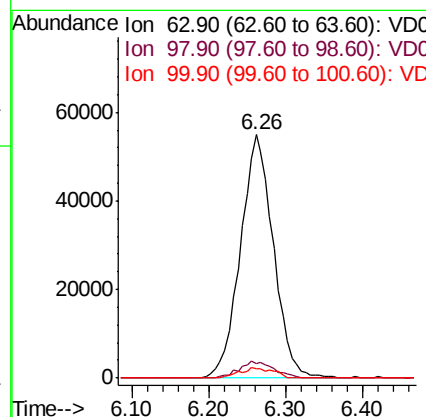
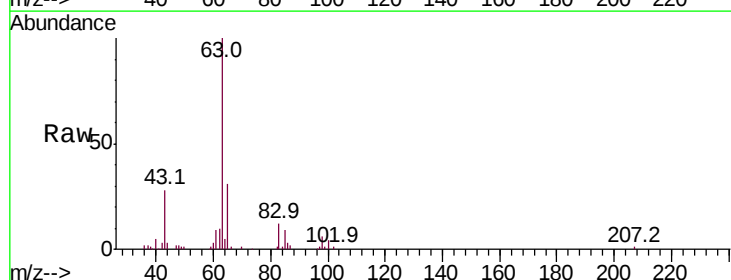
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

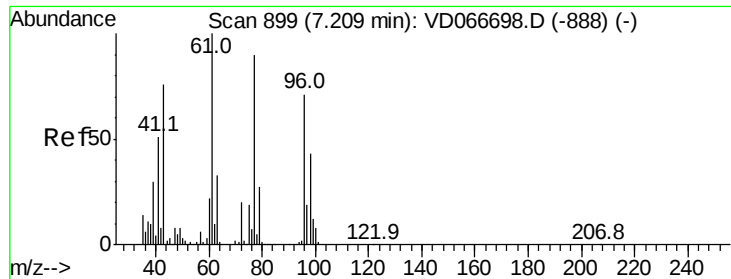
Tot Ion: 43 Resp: 728448
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.680 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Tgt Ion: 63 Resp: 164670
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.2
 100 3.6 2.6 8.0





#25

2-Butanone

Concen: 94.603 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

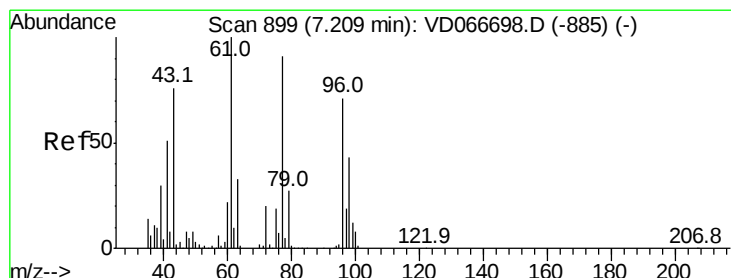
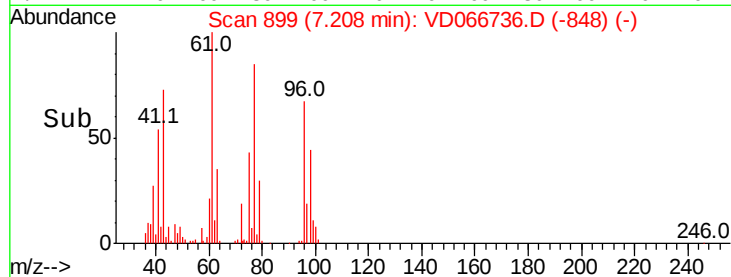
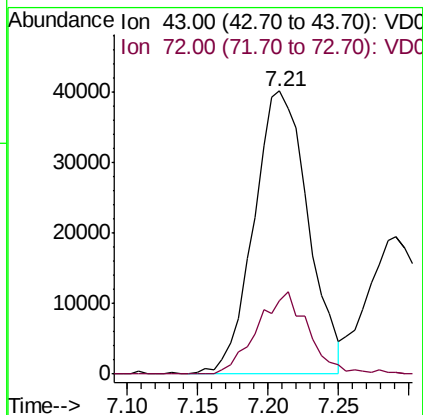
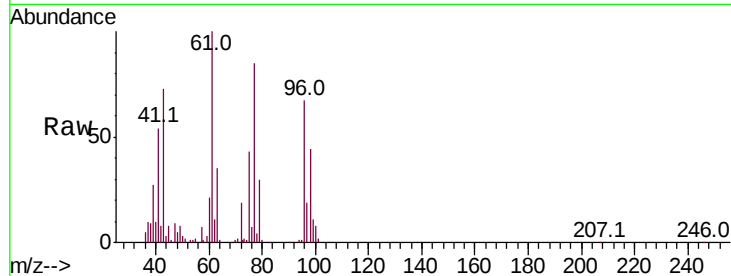
VD0917SBS01

Tot Ion: 43 Resp: 108086

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.966 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066736.D

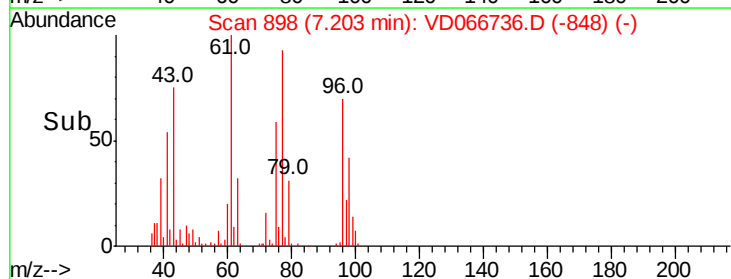
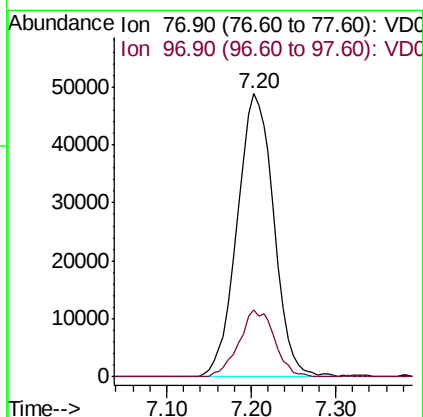
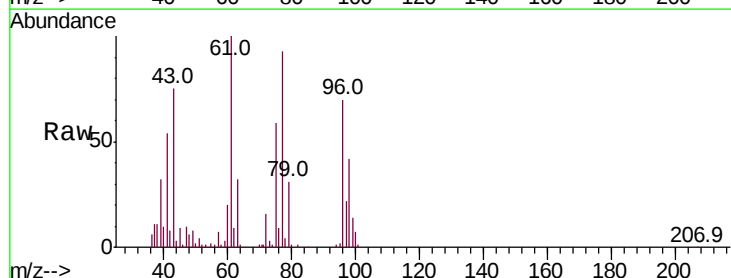
Acq: 17 Sep 2020 11:25

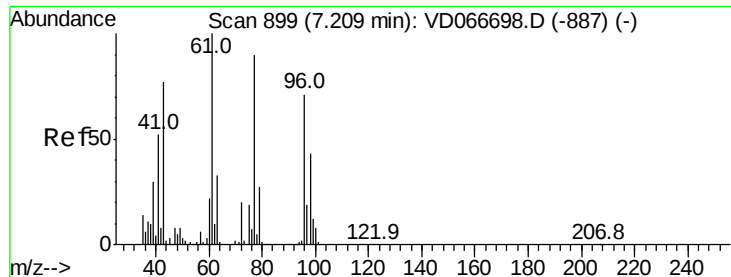
Tgt Ion: 77 Resp: 146748

Ion Ratio Lower Upper

77 100

97 23.0 10.6 31.8



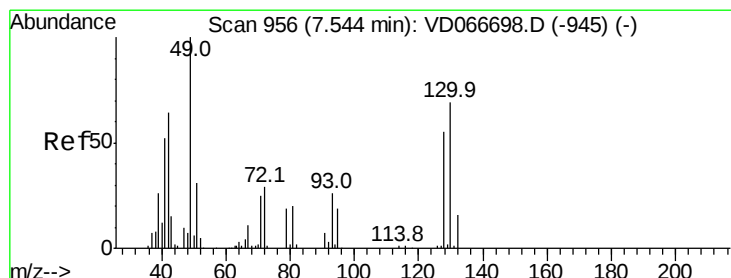
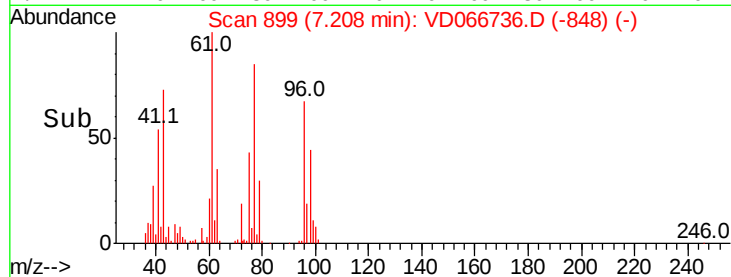
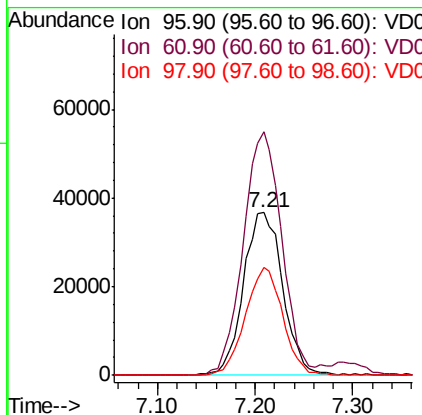
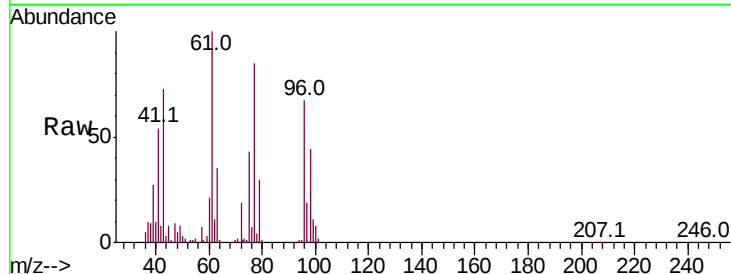


#27

cis-1,2-Dichloroethene
Concen: 19.980 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

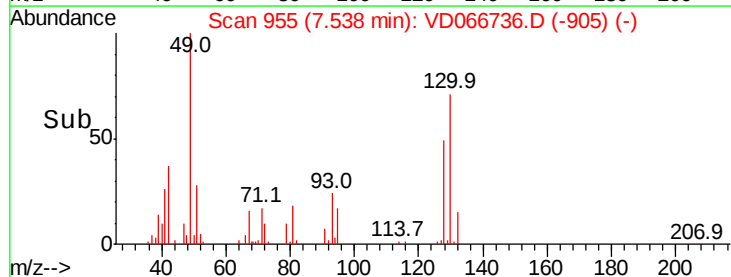
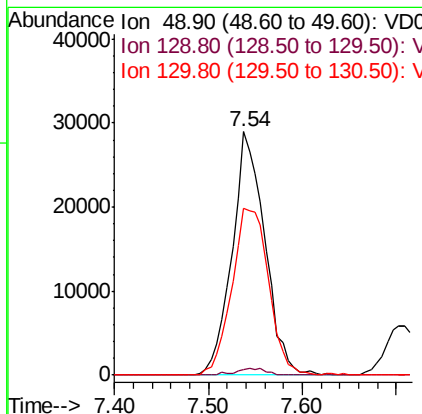
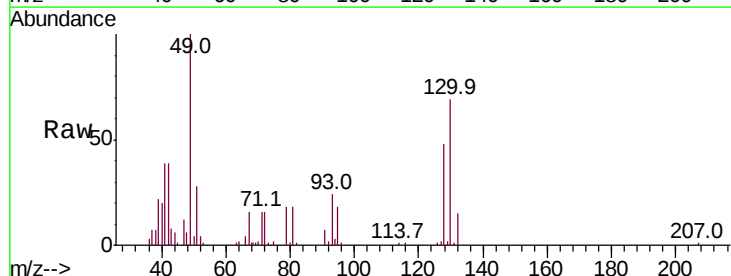
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	292.4
98	63.2	0.0	127.0

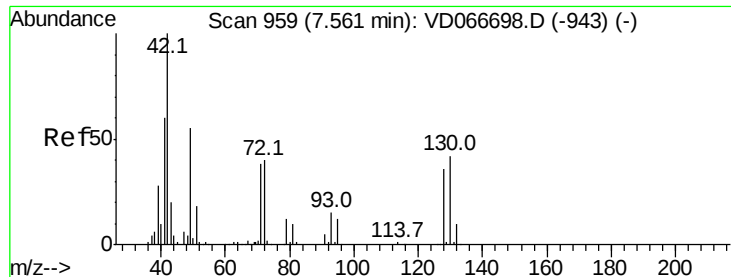


#28

Bromochloromethane
Concen: 22.367 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	76.8	58.6	88.0

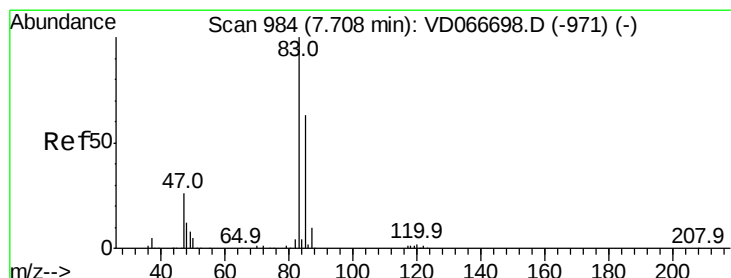
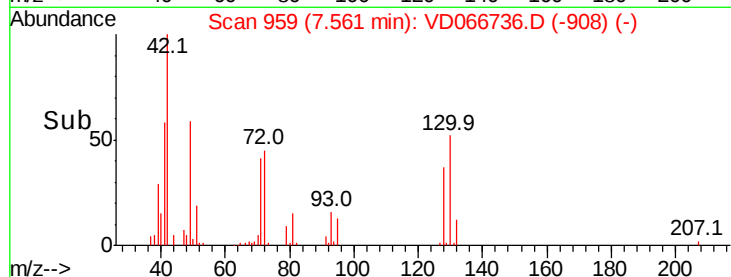
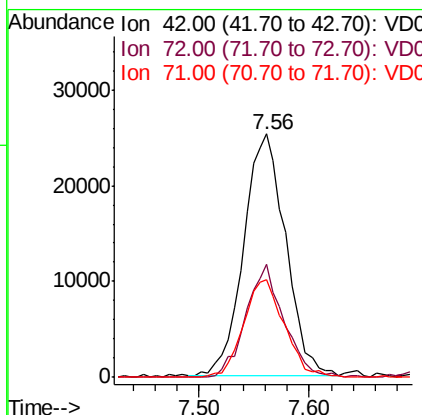
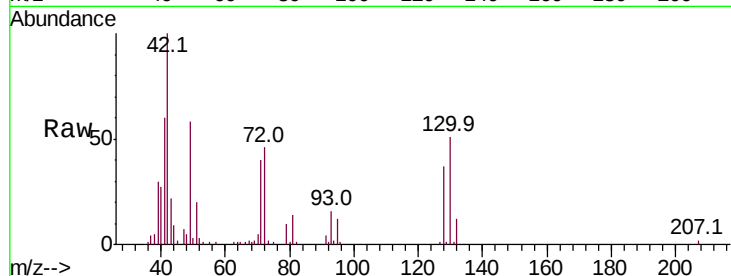




#29
Tetrahydrofuran
Concen: 95.931 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

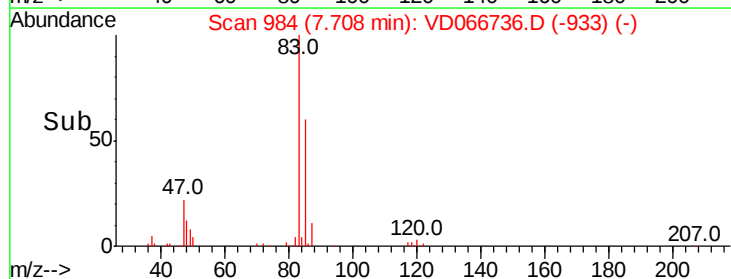
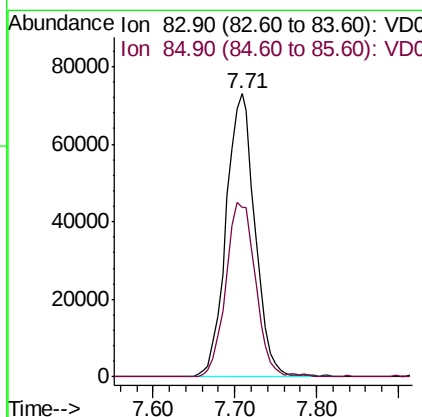
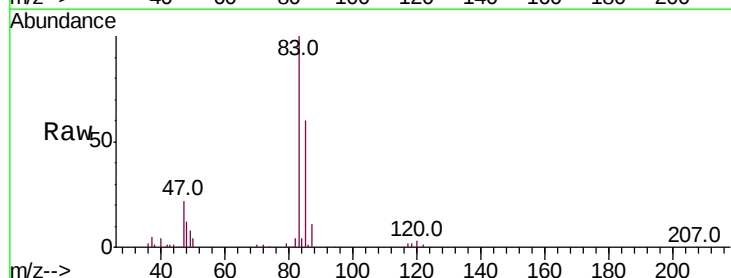
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

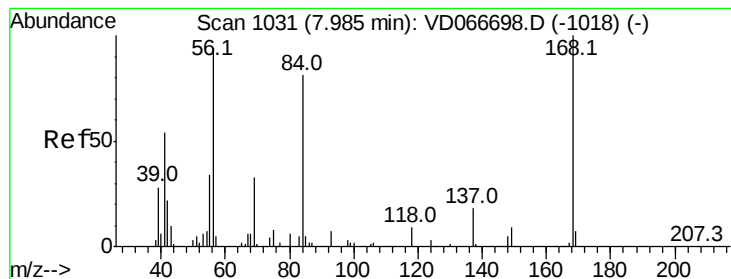
Tot Ion: 42 Resp: 67059
Ion Ratio Lower Upper
42 100
72 42.3 32.6 48.8
71 39.5 30.6 45.8



#30
Chloroform
Concen: 20.126 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 83 Resp: 179224
Ion Ratio Lower Upper
83 100
85 59.6 50.6 76.0





#31

Cyclohexane

Concen: 19.052 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleID :

VD0917SBS01

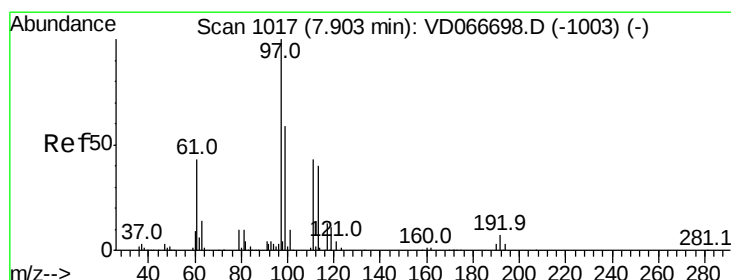
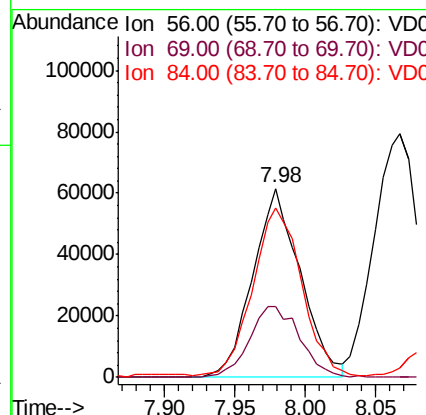
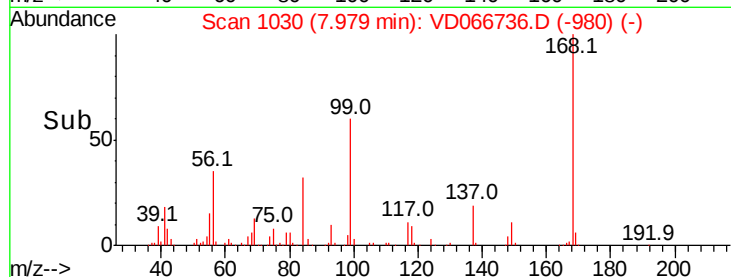
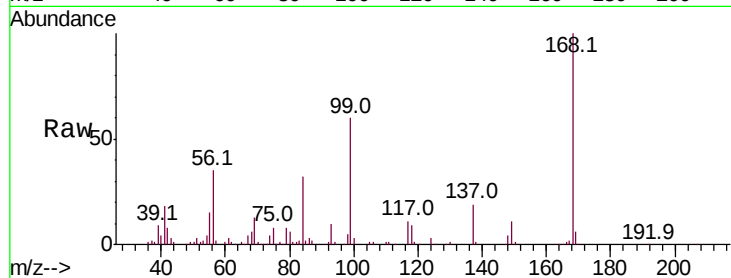
Tot Ion: 56 Resp: 145006

Ion Ratio Lower Upper

56 100

69 37.3 27.7 41.5

84 88.4 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 19.932 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

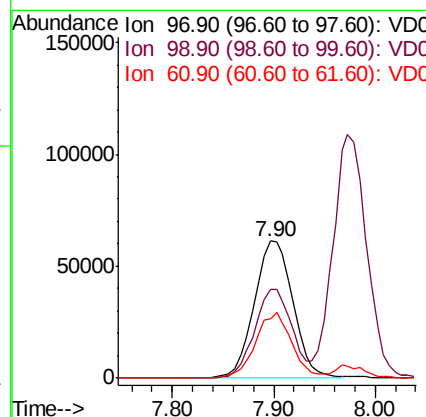
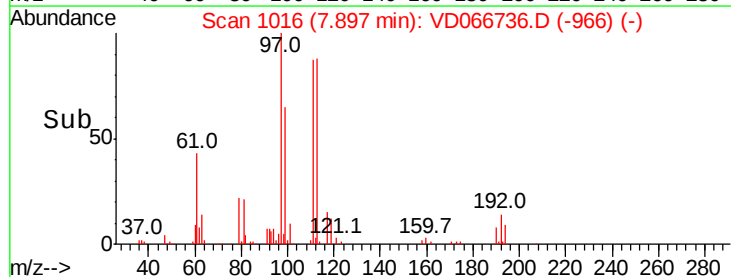
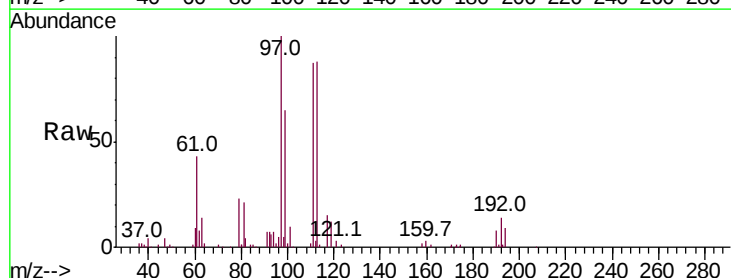
Tgt Ion: 97 Resp: 162421

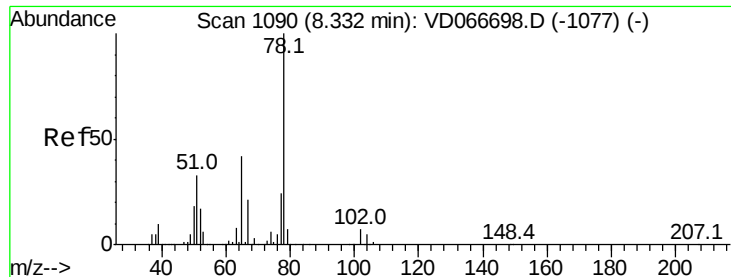
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 44.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.674 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

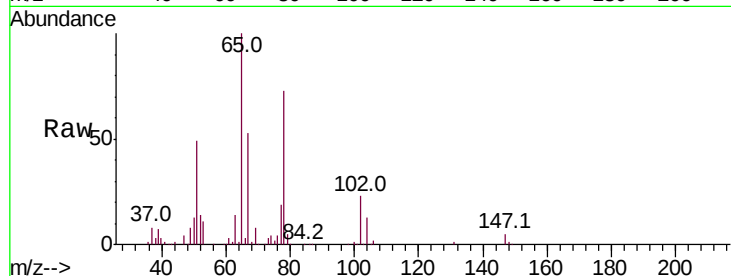
VD0917SBS01

Tot Ion: 65 Resp: 214029

Ion Ratio Lower Upper

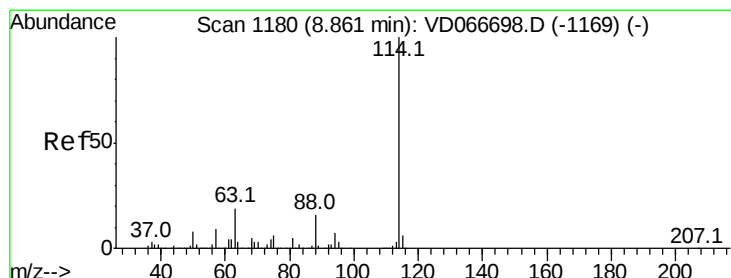
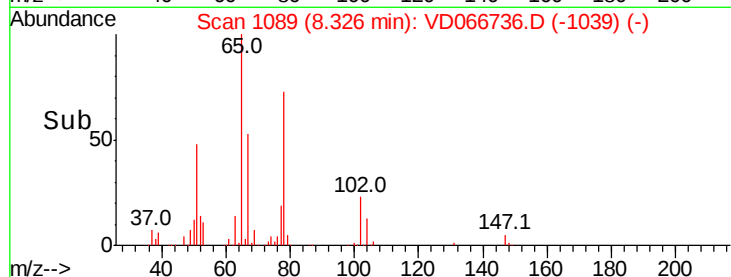
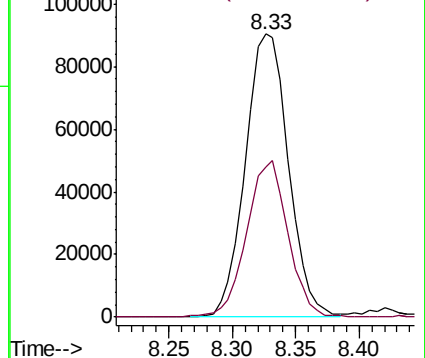
65 100

67 53.1 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

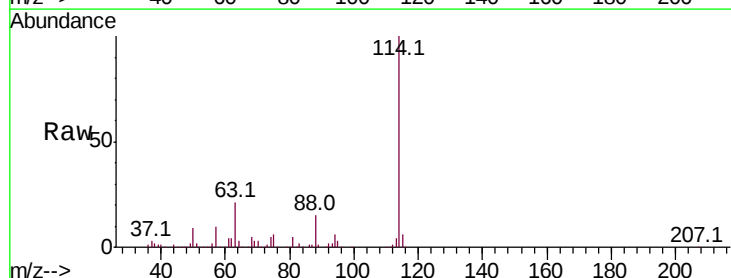
Tgt Ion: 114 Resp: 669489

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.6

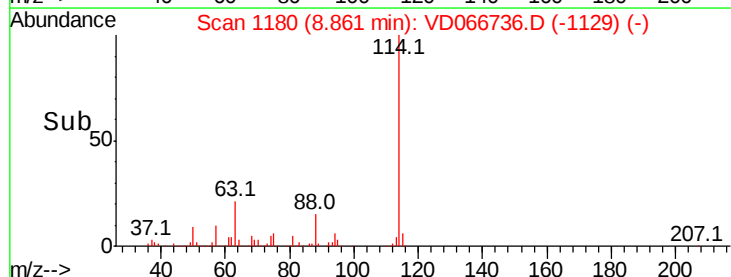
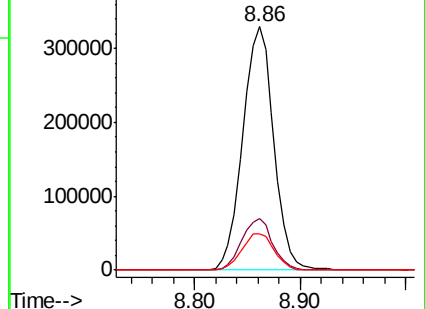
88 15.1 0.0 32.2

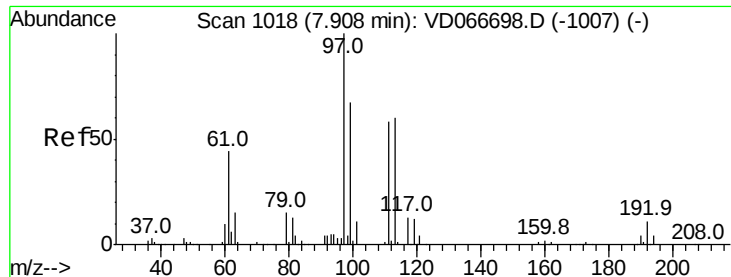


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

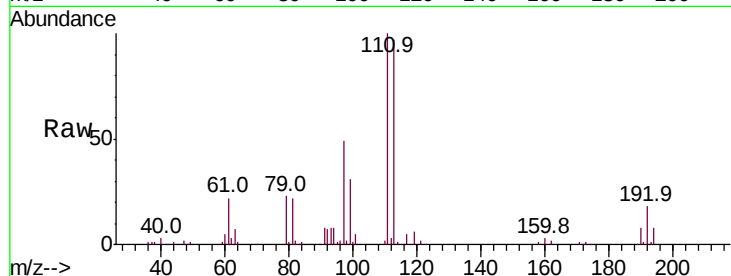




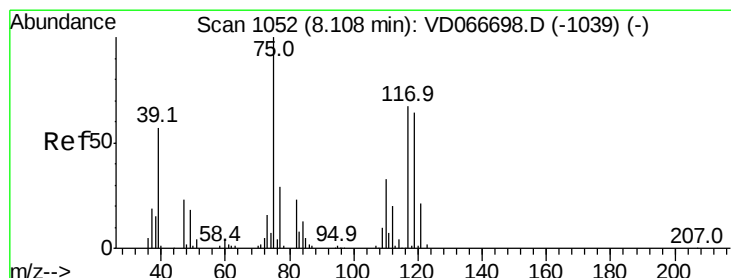
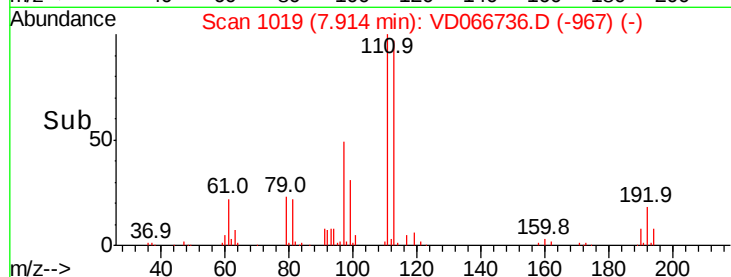
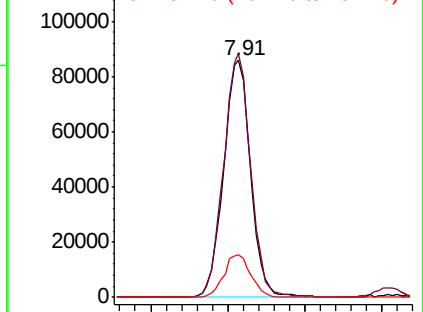
#35
 Dibromofluoromethane
 Concen: 50.973 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.2	124.8
192	18.0	14.8	22.2

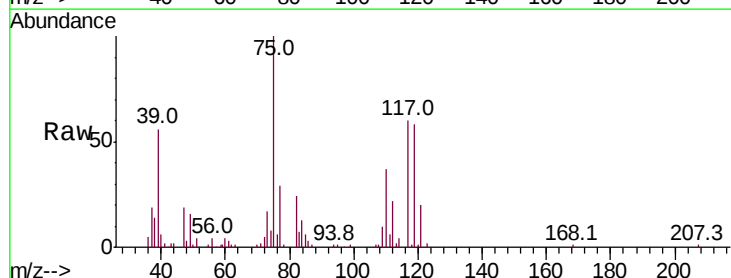


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

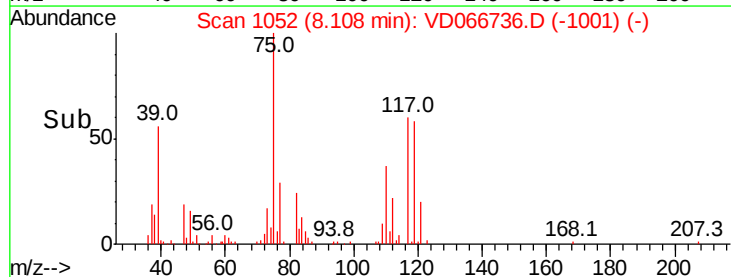
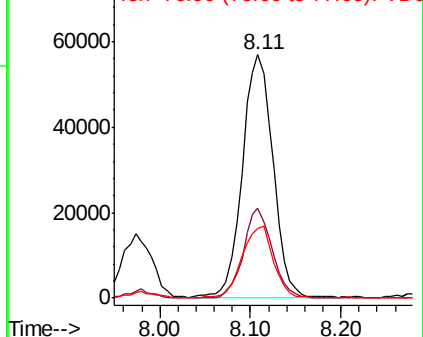


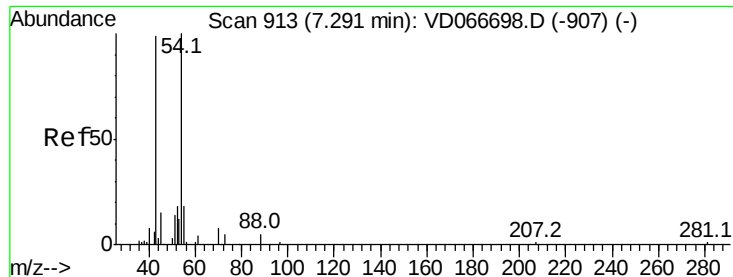
#36
 1,1-Dichloropropene
 Concen: 19.486 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.1	51.2
77	30.4	25.0	37.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

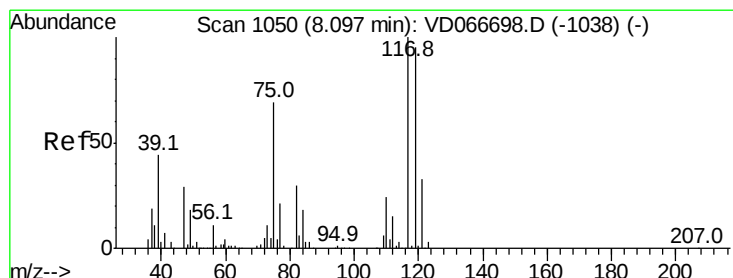
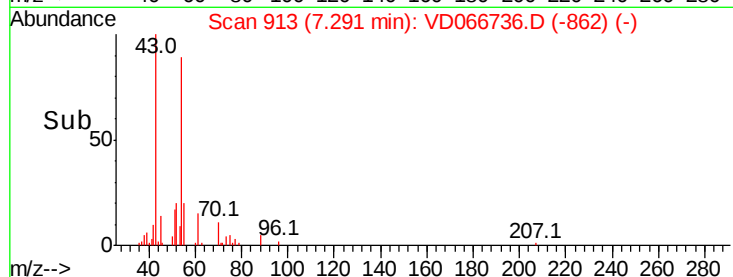
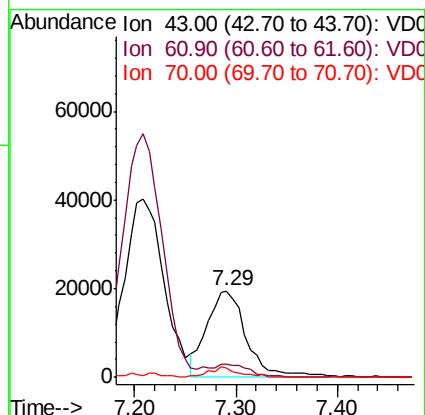
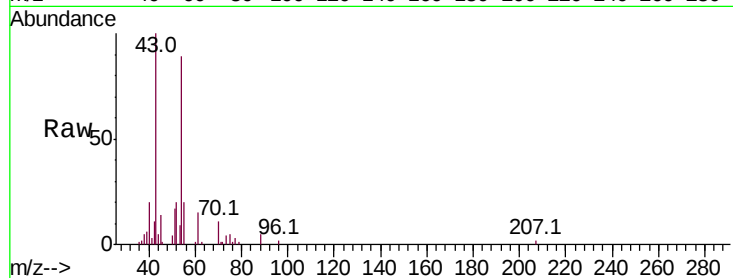




#37
Ethyl Acetate
Concen: 19.851 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

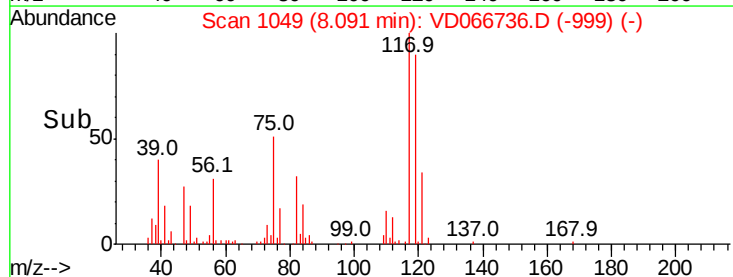
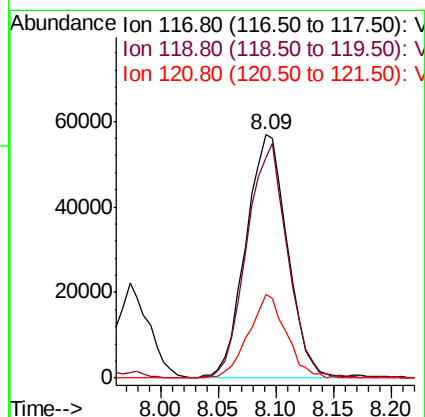
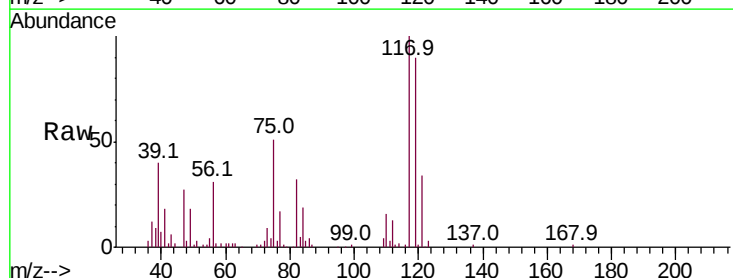
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

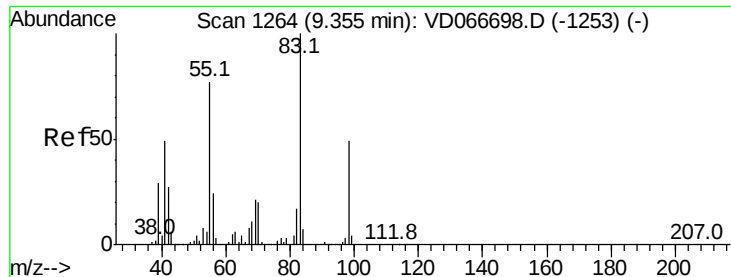
Tot Ion: 43 Resp: 51728
Ion Ratio Lower Upper
43 100
61 12.1 10.4 15.6
70 9.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 19.347 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 117 Resp: 141420
Ion Ratio Lower Upper
117 100
119 90.7 75.8 113.6
121 34.5 26.2 39.4

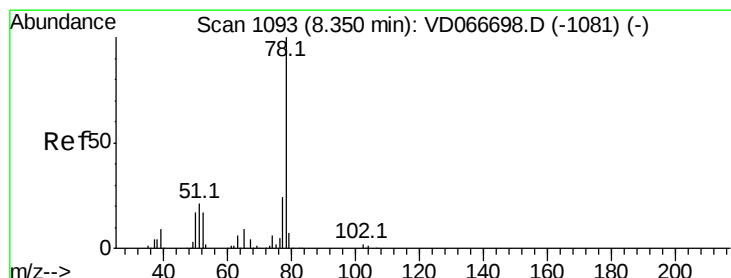
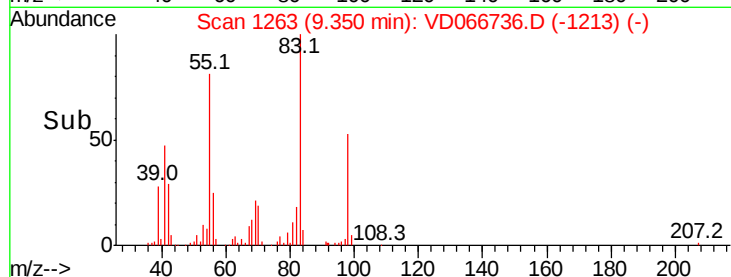
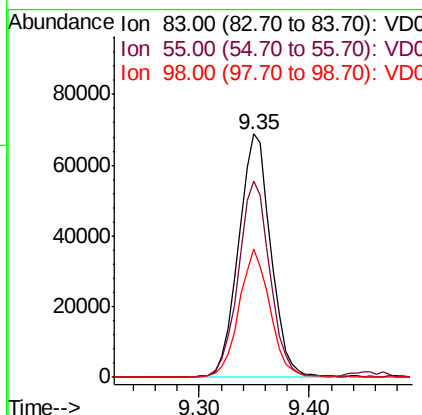
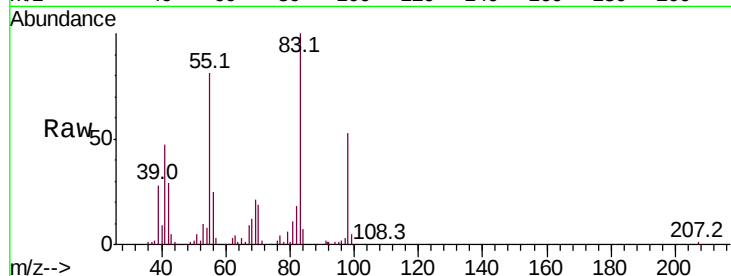




#39
Methvlcvclohexane
Concen: 17.983 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

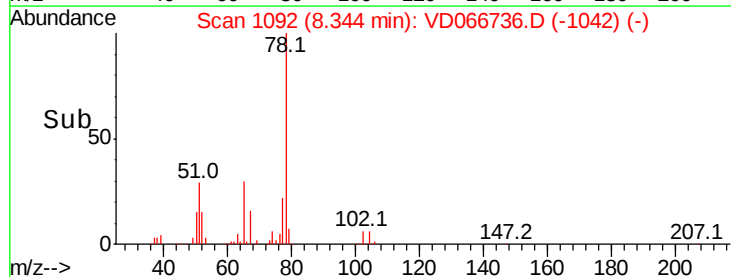
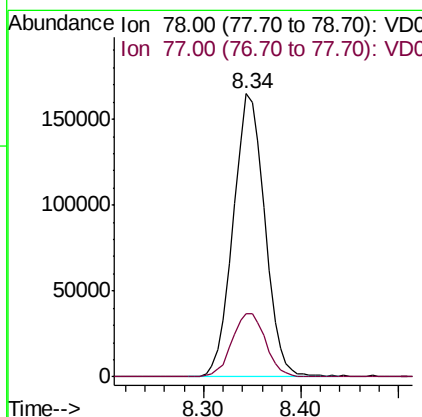
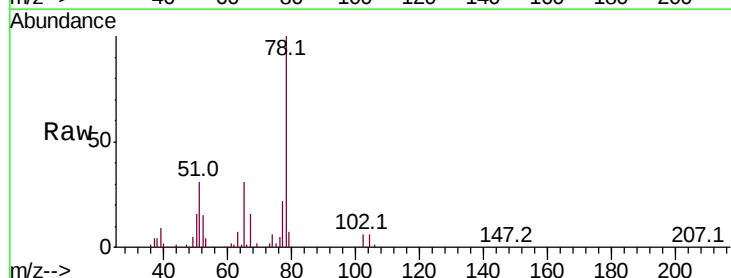
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

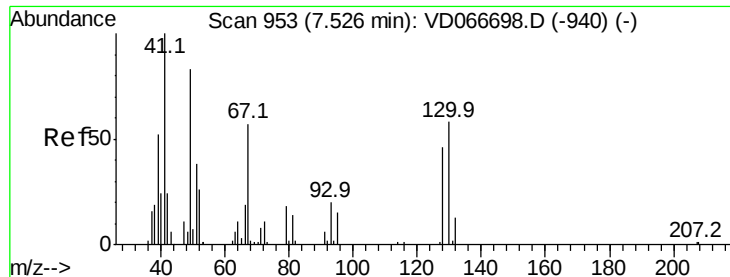
Tot Ion: 83 Resp: 141583
Ion Ratio Lower Upper
83 100
55 80.8 61.5 92.3
98 52.7 39.3 58.9



#40
Benzene
Concen: 19.980 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 78 Resp: 372072
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9

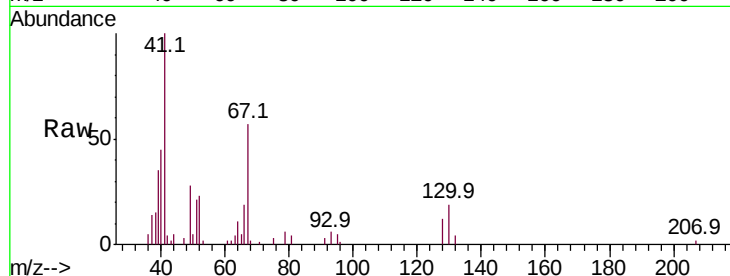




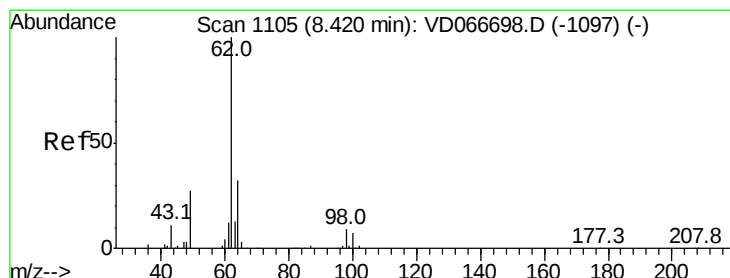
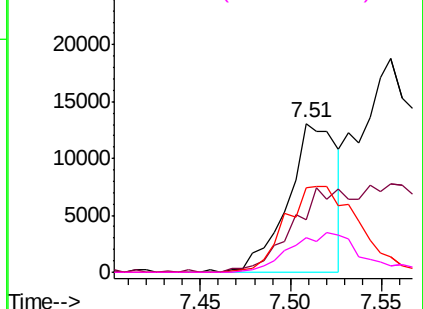
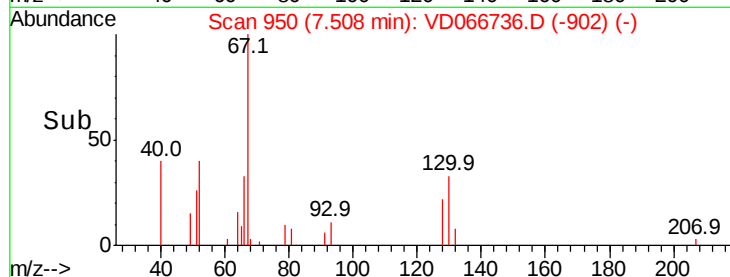
#41
Methacrylonitrile
Concen: 17.872 ug/l
RT: 7.51 min Scan# 950
Delta R.T. -0.02 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

Tot Ion:	41	Resp:	24655
Ion	Ratio	Lower	Upper
41	100		
39	64.0	59.3	88.9
67	86.7	62.3	93.5
52	38.7	28.0	42.0

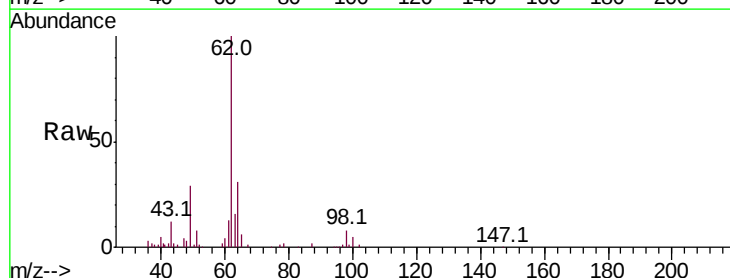


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

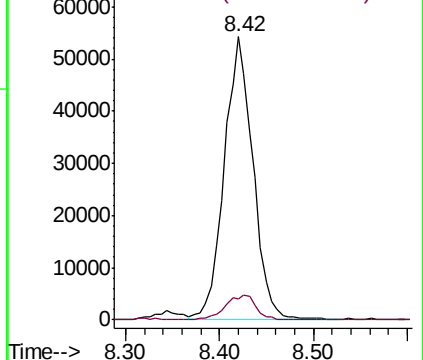
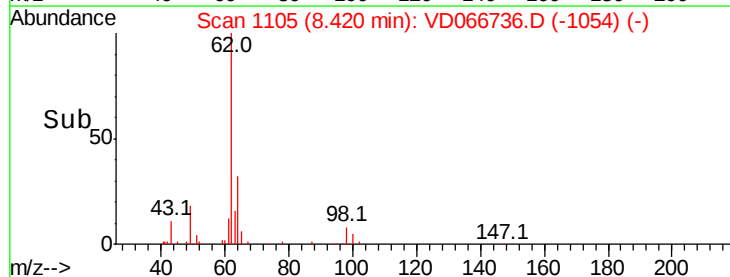


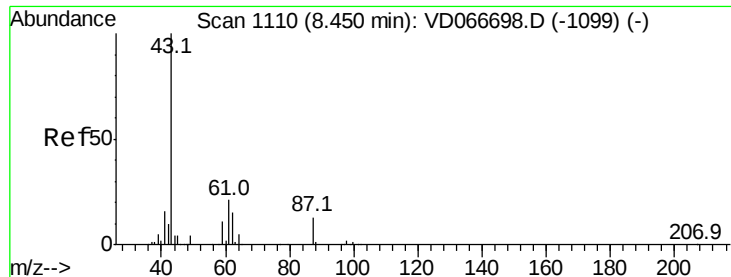
#42
1,2-Dichloroethane
Concen: 19.844 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion:	62	Resp:	114486
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 19.320 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

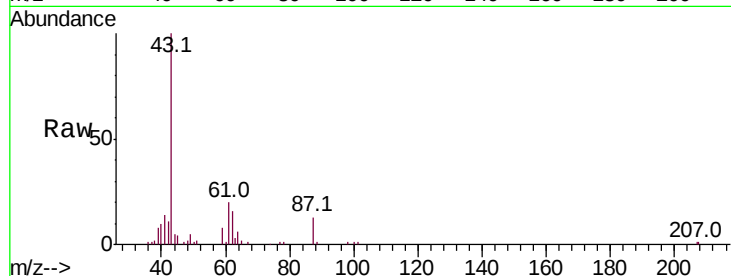
Tot Ion: 43 Resp: 94761

Ion Ratio Lower Upper

43 100

61 32.3 24.8 37.2

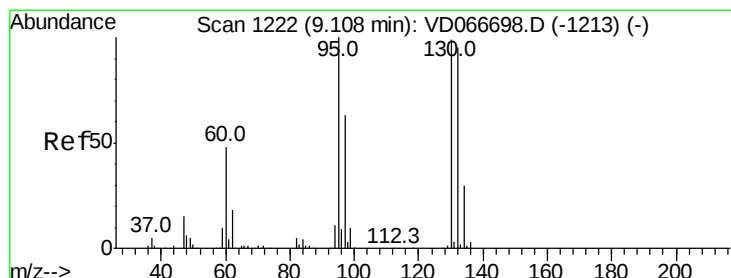
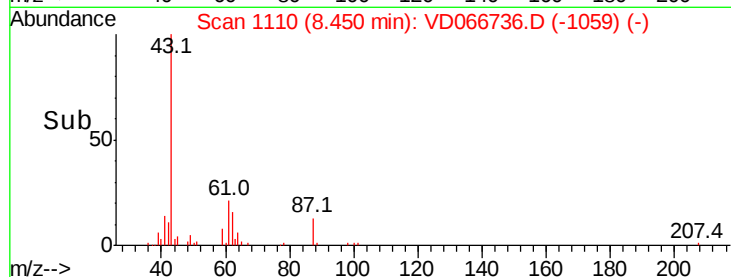
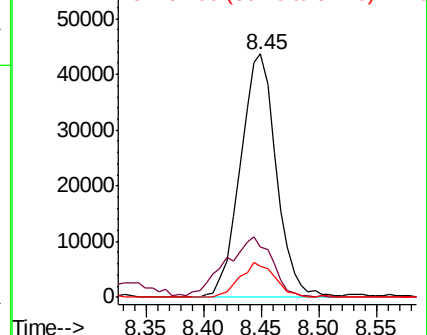
87 14.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.735 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066736.D

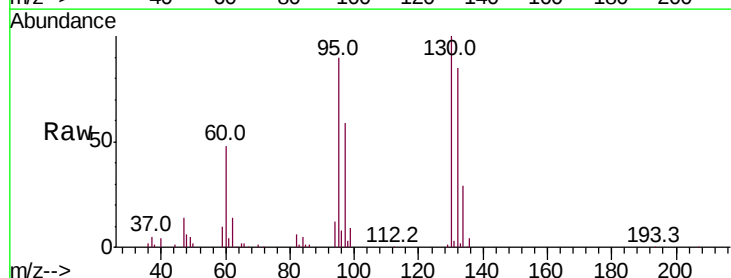
Acq: 17 Sep 2020 11:25

Tgt Ion:130 Resp: 98260

Ion Ratio Lower Upper

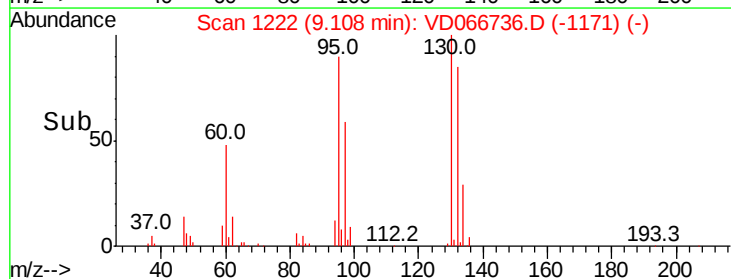
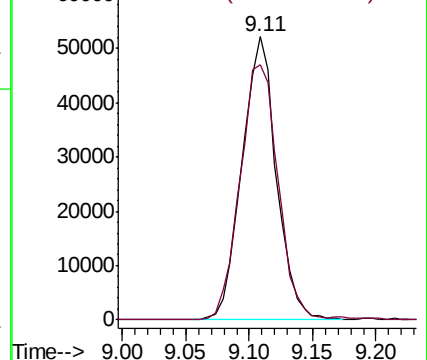
130 100

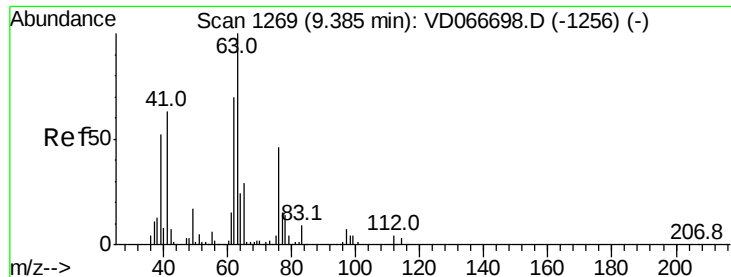
95 90.3 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.643 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

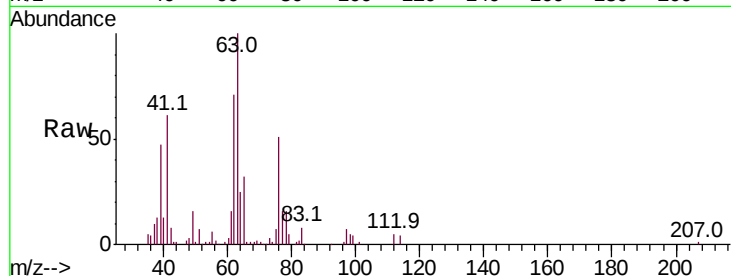
VD0917SBS01

Tot Ion: 63 Resp: 90432

Ion Ratio Lower Upper

63 100

65 31.8 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

40000

30000

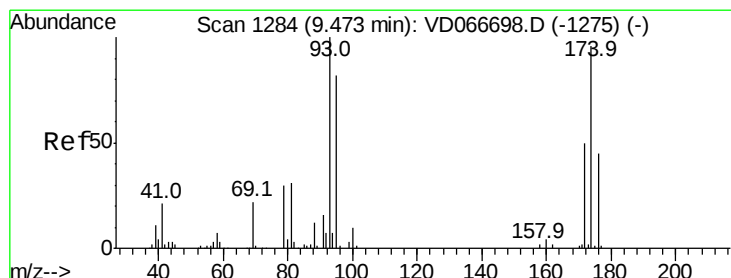
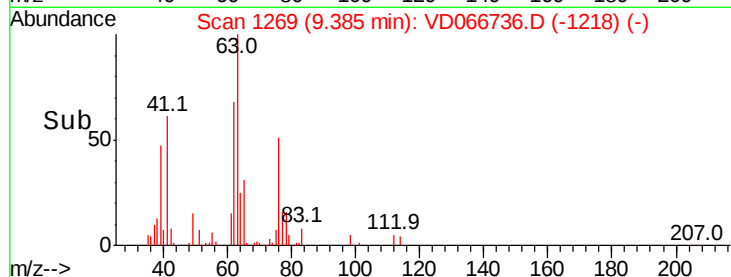
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 19.550 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

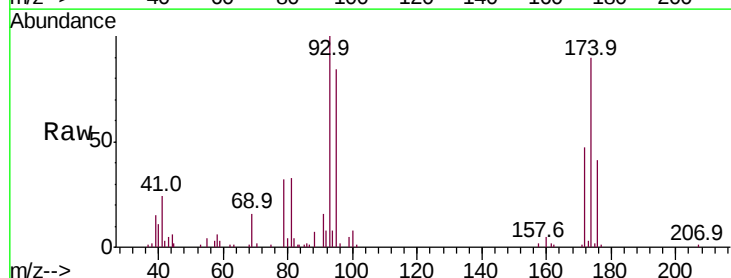
Tgt Ion: 93 Resp: 49457

Ion Ratio Lower Upper

93 100

95 87.6 66.0 99.0

174 94.5 72.3 108.5



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

30000

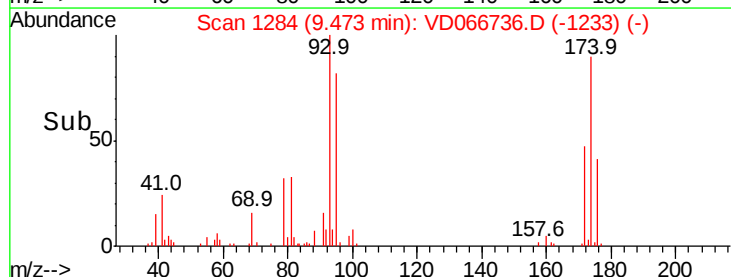
20000

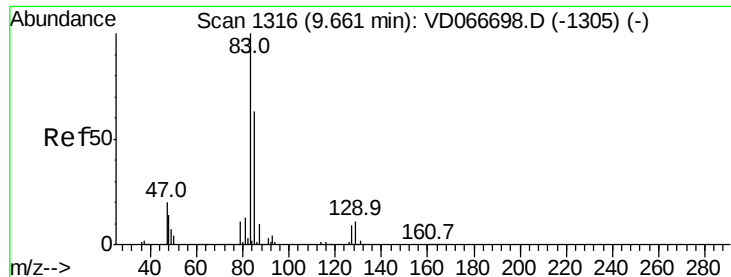
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 19.890 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

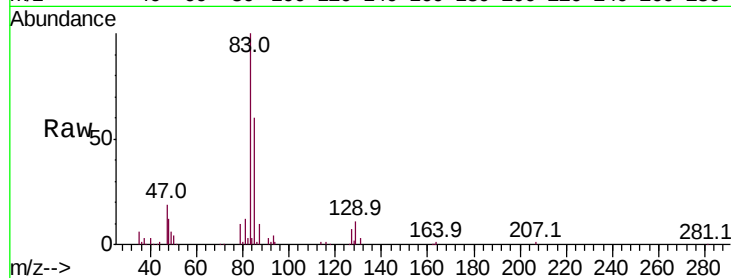
Tot Ion: 83 Resp: 137108

Ion Ratio Lower Upper

83 100

85 59.9 50.1 75.1

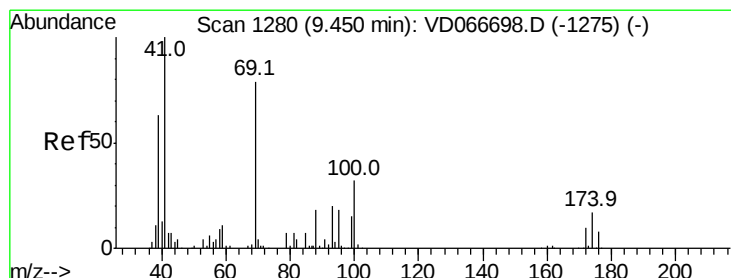
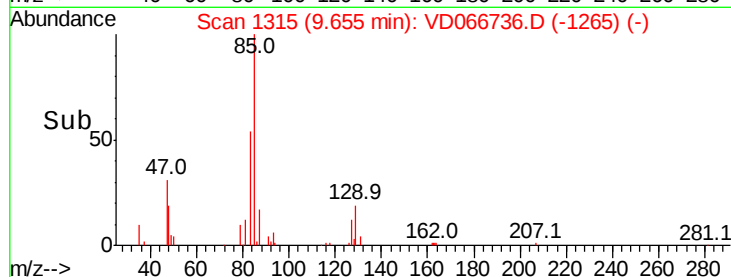
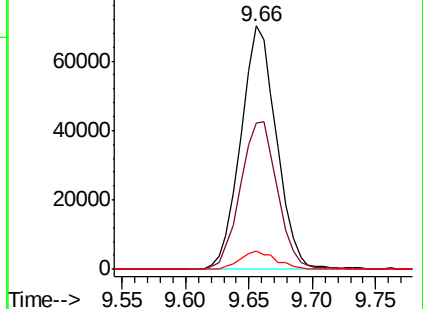
127 7.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 17.888 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

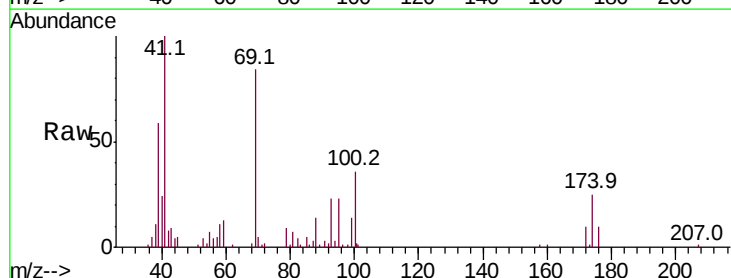
Tgt Ion: 41 Resp: 44627

Ion Ratio Lower Upper

41 100

69 87.9 62.4 93.6

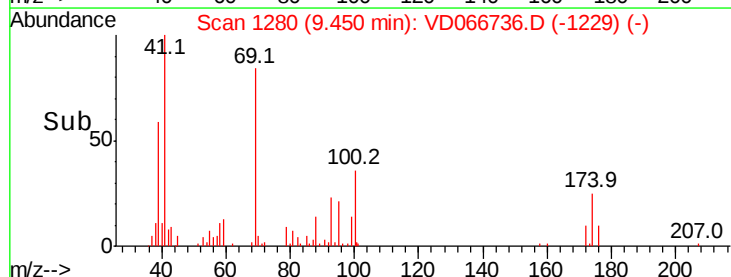
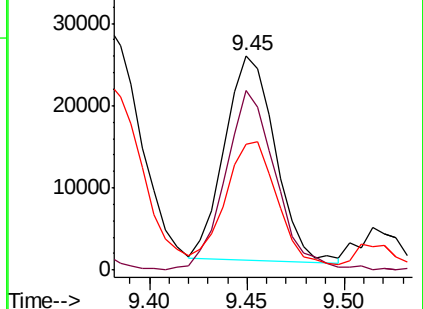
39 60.7 44.8 67.2

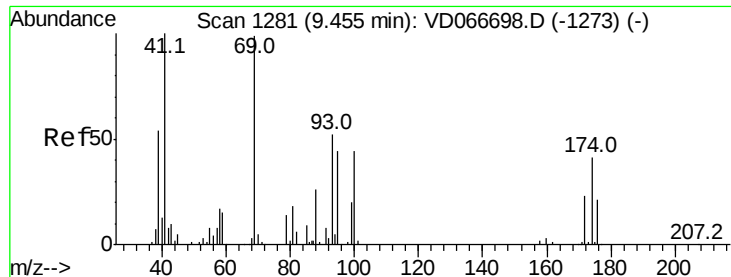


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 373.892 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

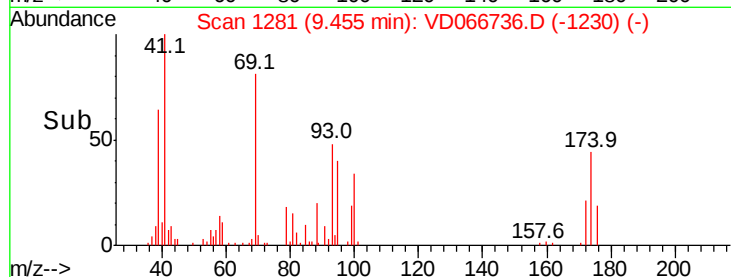
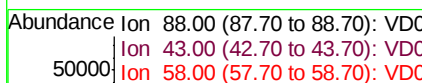
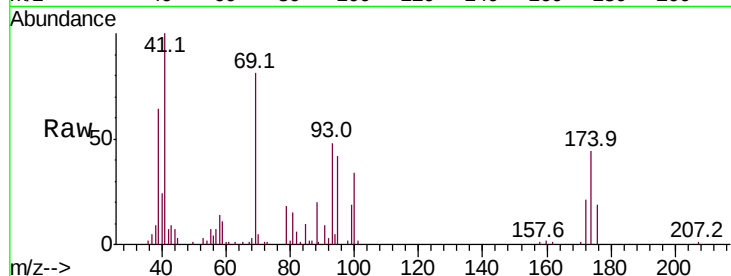
Tot Ion: 88 Resp: 10132

Ion Ratio Lower Upper

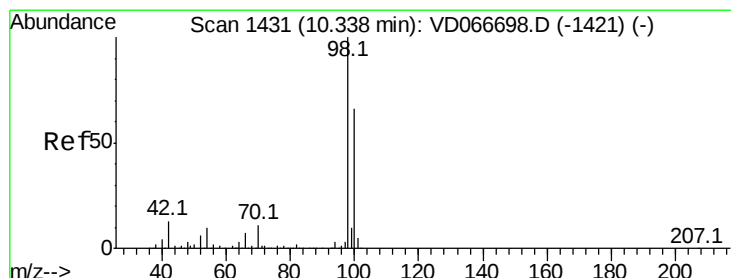
88 100

43 48.1 29.3 43.9#

58 71.0 51.4 77.2



Time-->



#50

Toluene-d8

Concen: 51.354 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066736.D

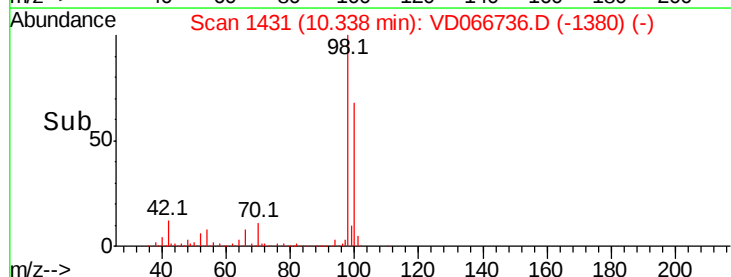
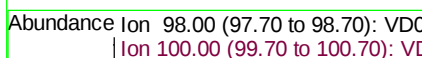
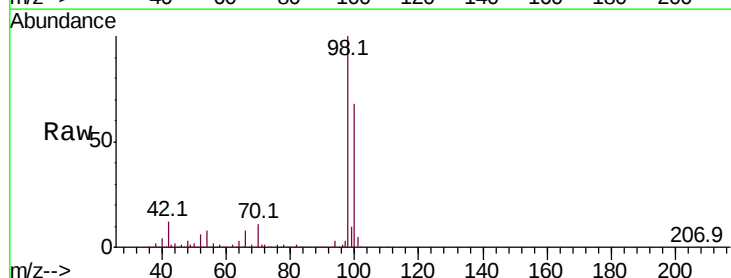
Acq: 17 Sep 2020 11:25

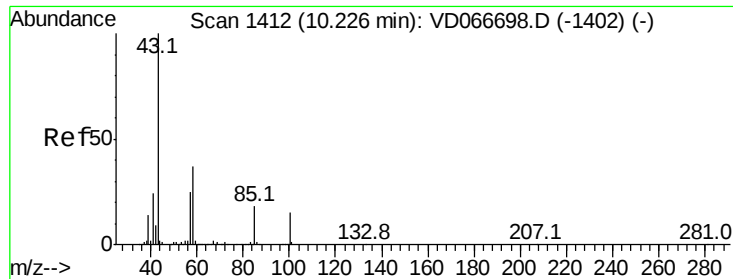
Tgt Ion: 98 Resp: 750988

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 95.750 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

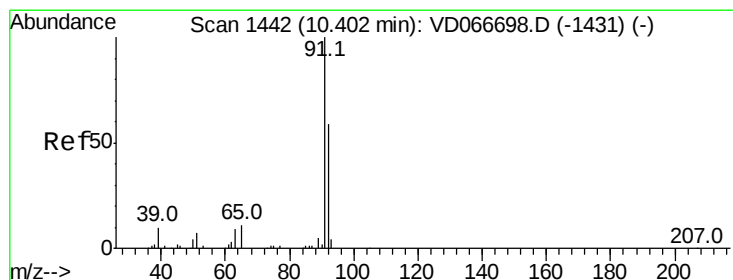
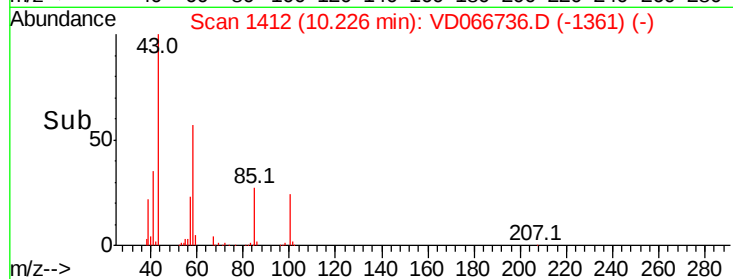
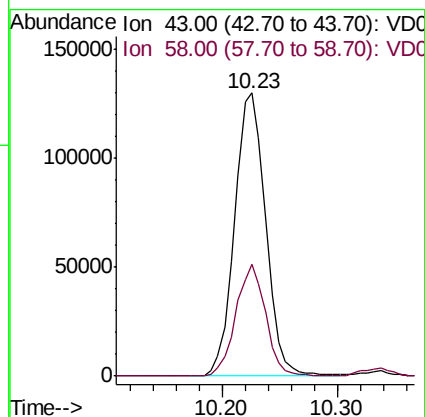
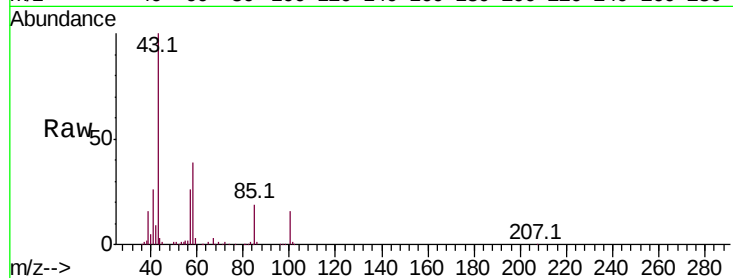
VD0917SBS01

Tot Ion: 43 Resp: 241783

Ion Ratio Lower Upper

43 100

58 37.8 30.4 45.6



#52

Toluene

Concen: 20.116 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066736.D

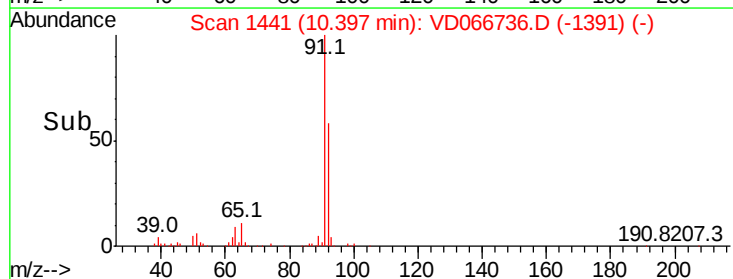
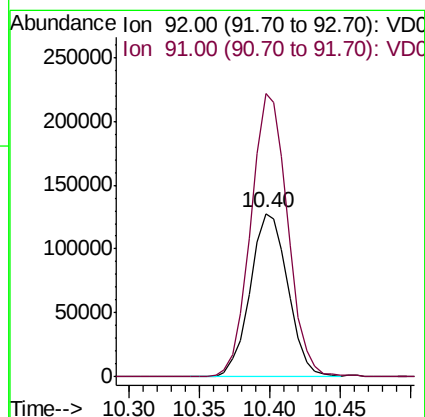
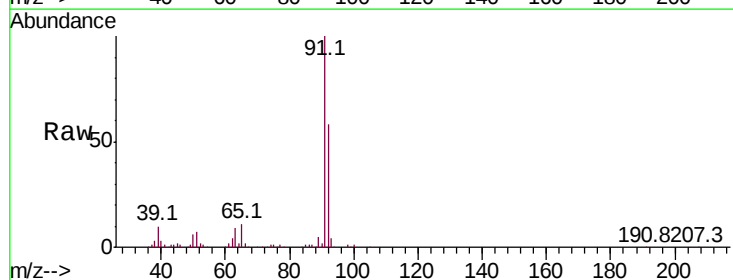
Acq: 17 Sep 2020 11:25

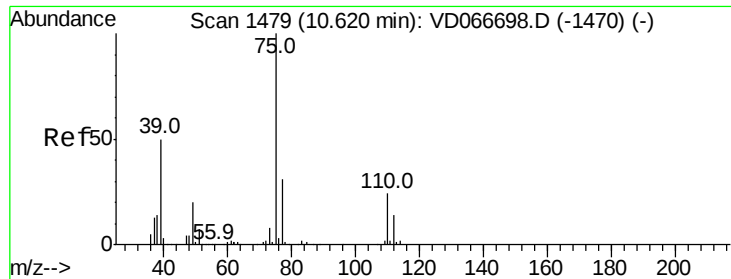
Tgt Ion: 92 Resp: 239981

Ion Ratio Lower Upper

92 100

91 169.8 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 19.666 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

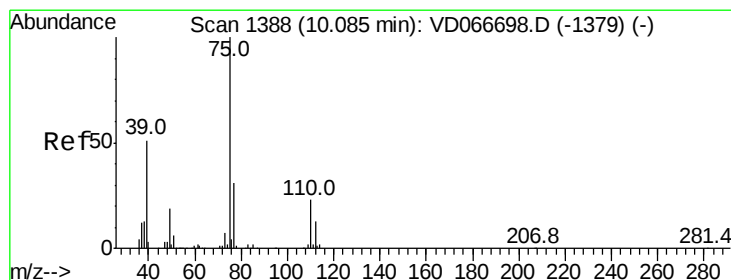
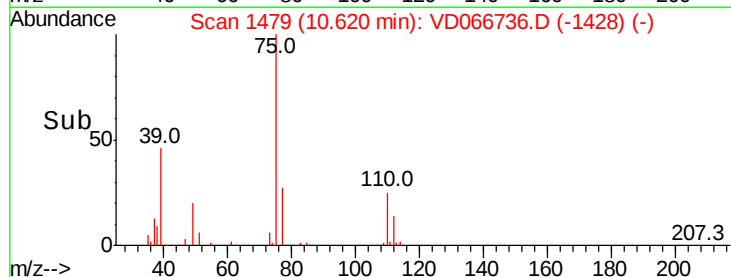
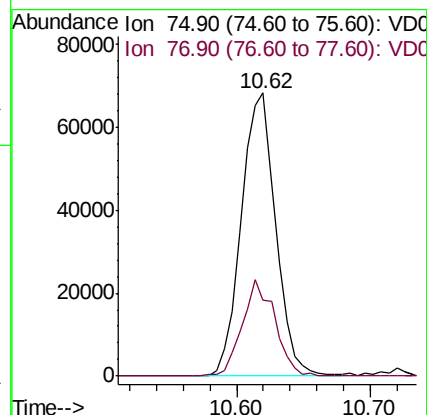
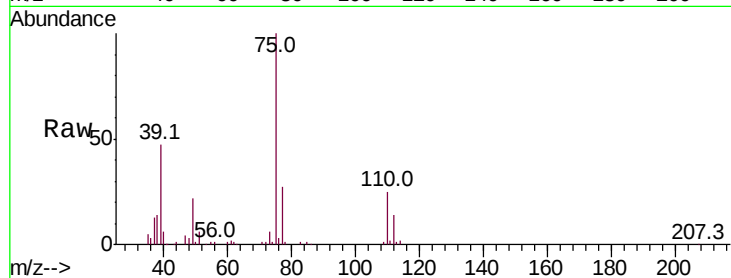
VD0917SBS01

Tot Ion: 75 Resp: 121103

Ion Ratio Lower Upper

75 100

77 26.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.891 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

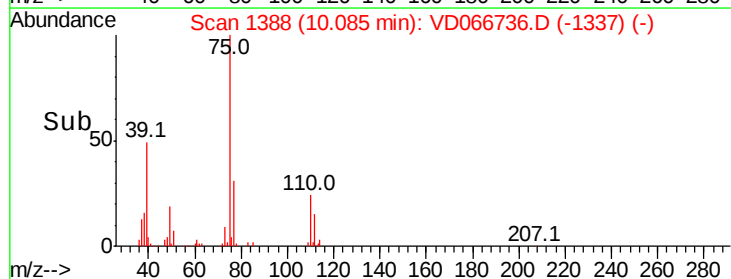
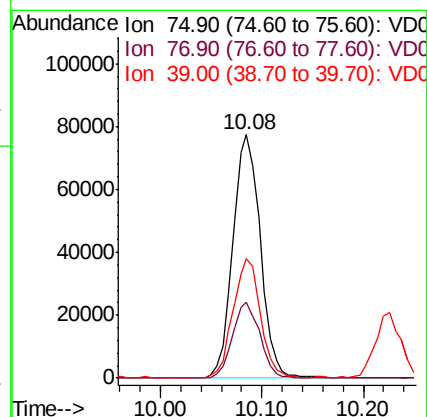
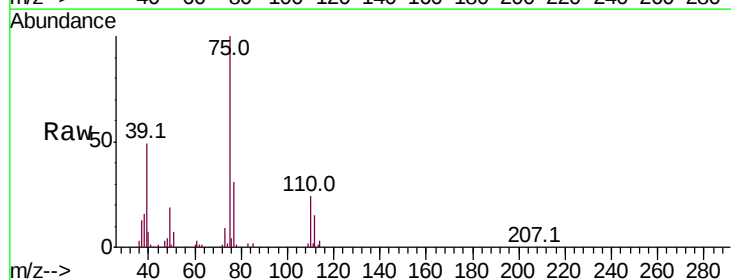
Tgt Ion: 75 Resp: 145488

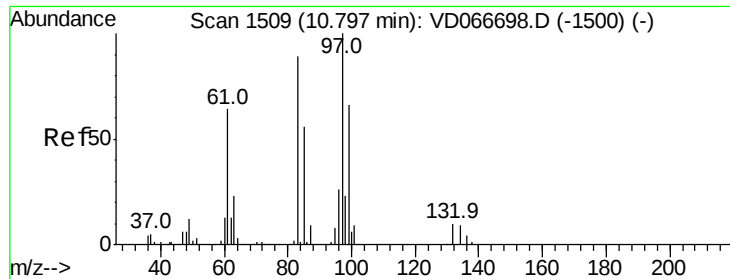
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

39 49.3 40.6 61.0





#55

1,1,2-Trichloroethane

Concen: 19.088 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

Tot Ion: 97 Resp: 63665

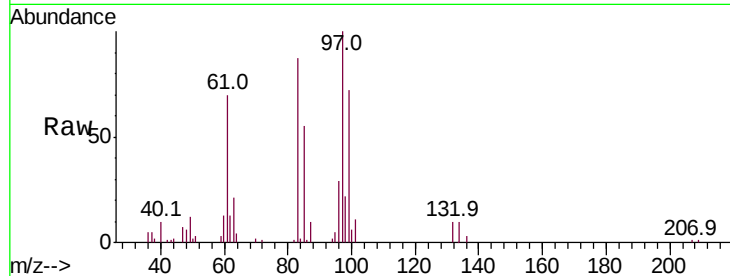
Ion Ratio Lower Upper

97 100

83 87.0 71.4 107.2

85 54.7 44.7 67.1

99 71.8 52.4 78.6

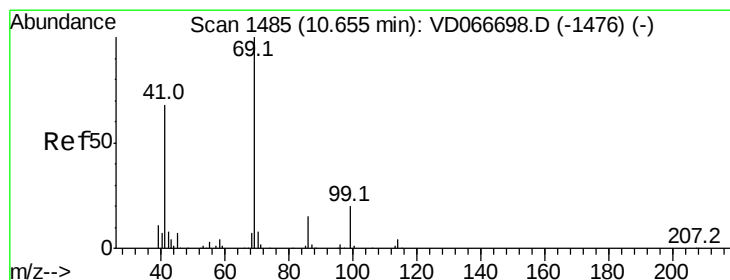
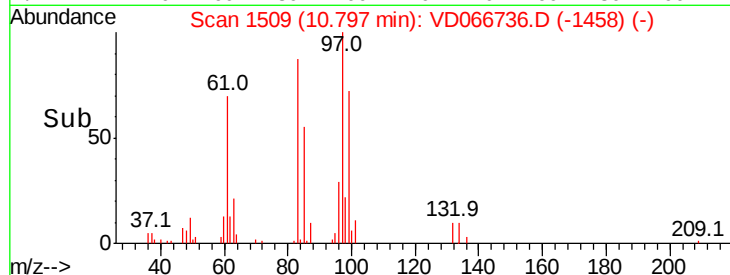
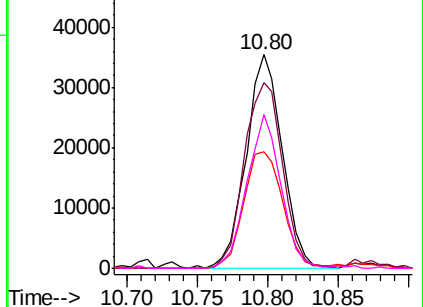


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 19.417 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

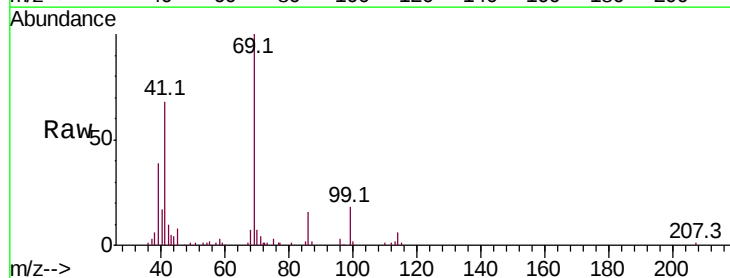
Tgt Ion: 69 Resp: 73493

Ion Ratio Lower Upper

69 100

41 70.3 55.5 83.3

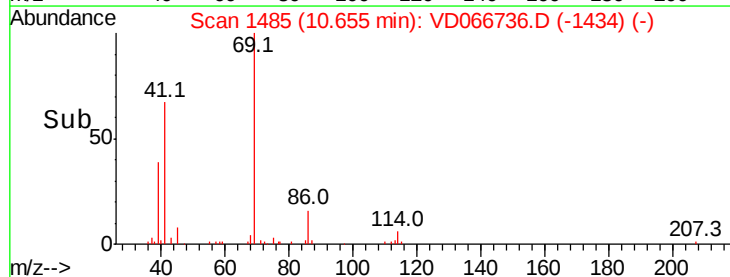
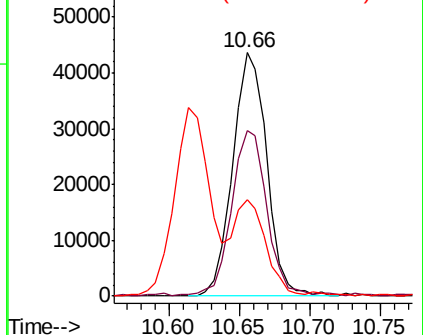
39 37.1 29.7 44.5

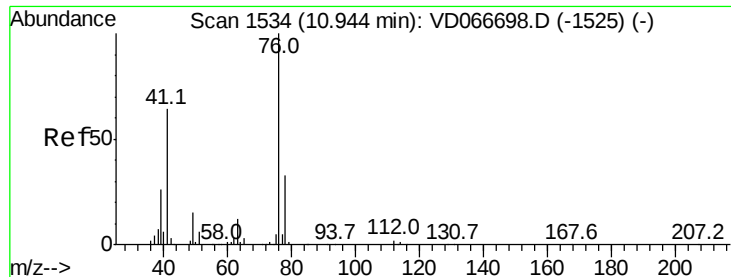


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

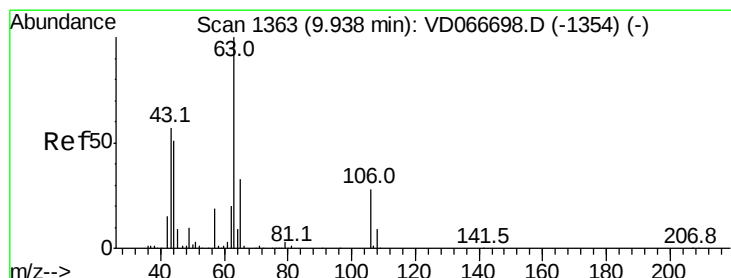
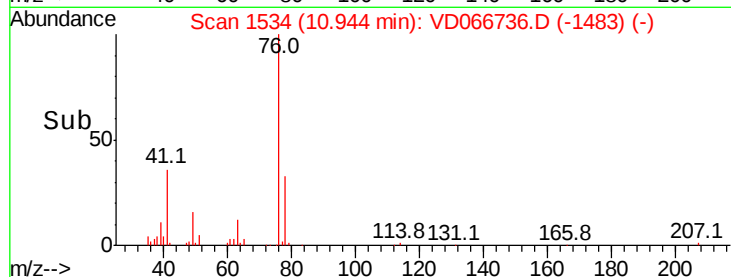
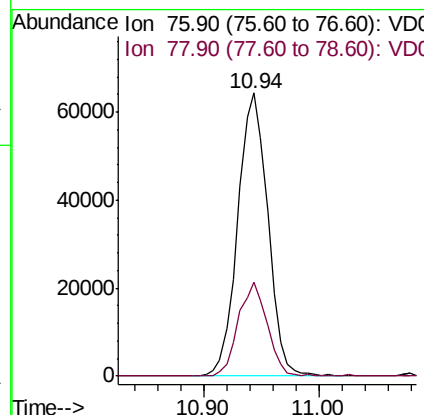
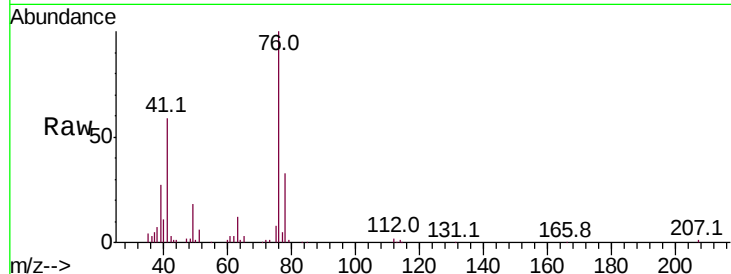




#57
 1,3-Dichloropropane
 Concen: 19.867 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

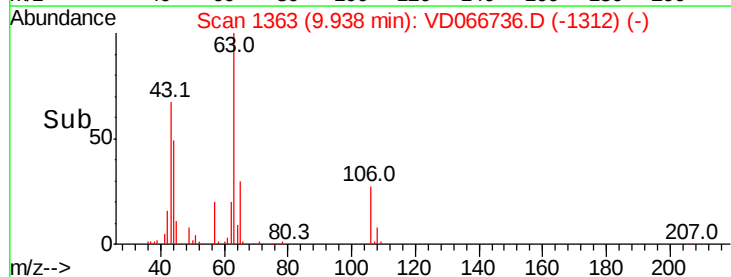
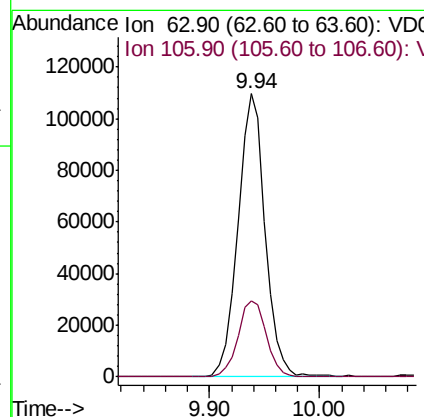
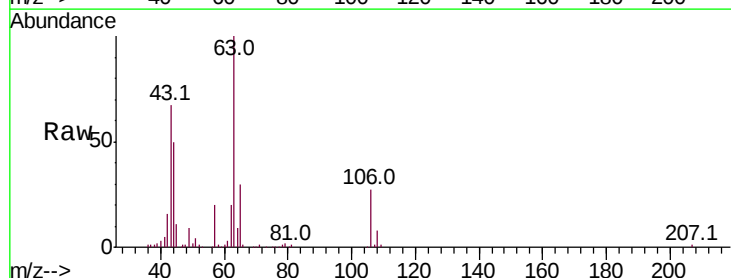
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

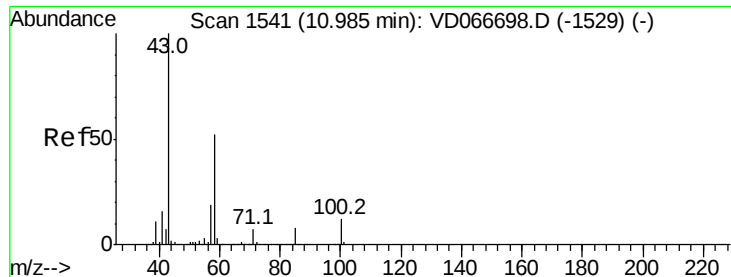
Tot Ion: 76 Resp: 116292
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.979 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Tgt Ion: 63 Resp: 189474
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.2 33.4

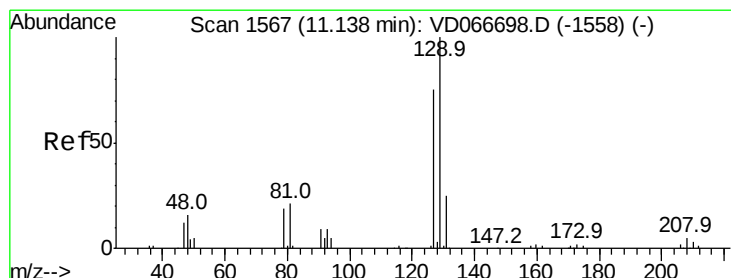
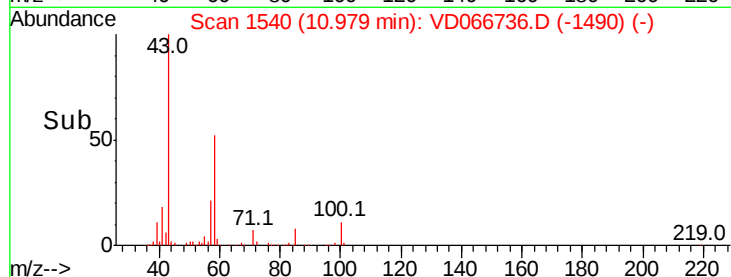
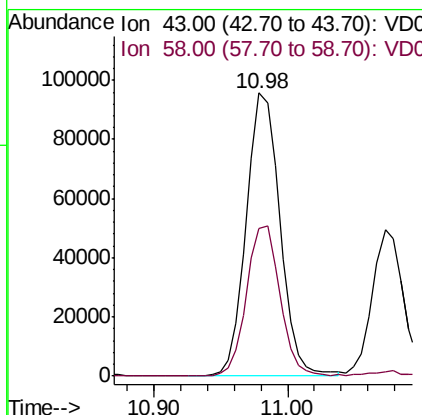
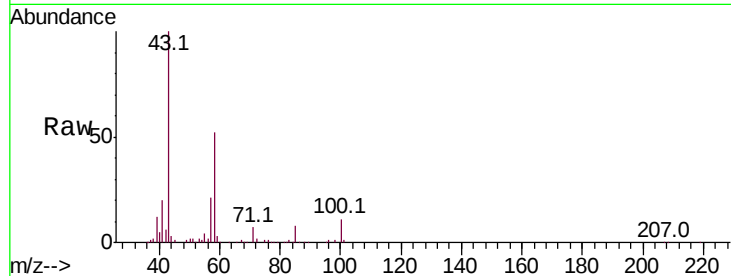




#59
2-Hexanone
Concen: 98.743 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

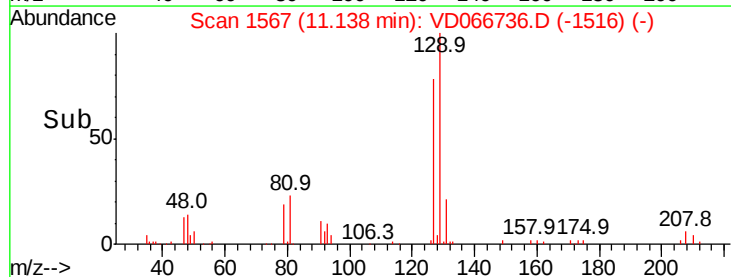
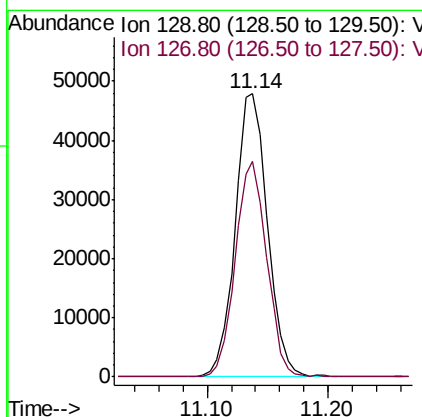
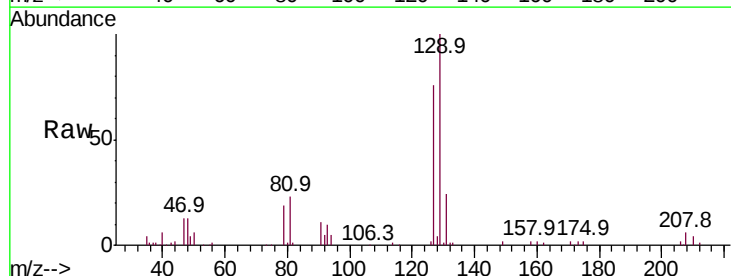
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

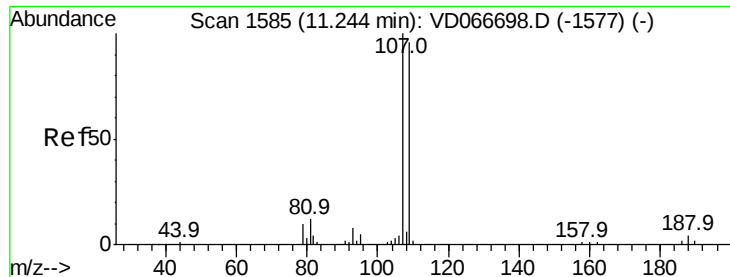
Tot Ion: 43 Resp: 167536
Ion Ratio Lower Upper
43 100
58 52.4 26.2 78.5



#60
Dibromochloromethane
Concen: 20.560 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 129 Resp: 89356
Ion Ratio Lower Upper
129 100
127 73.9 38.1 114.3

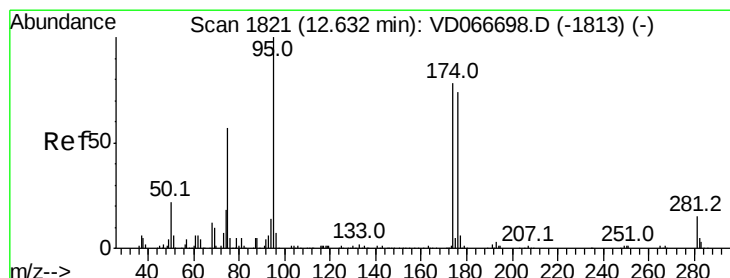
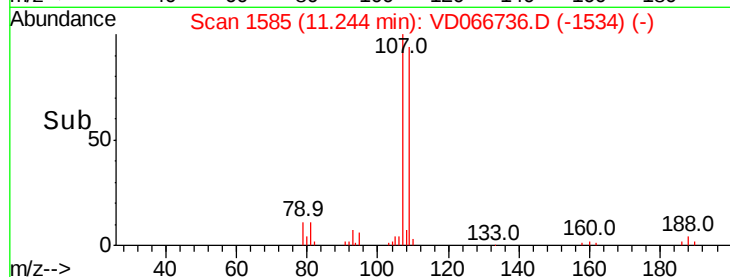
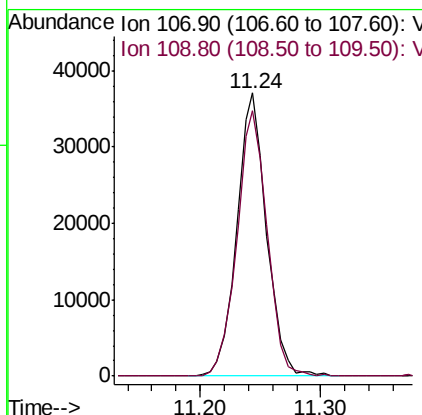
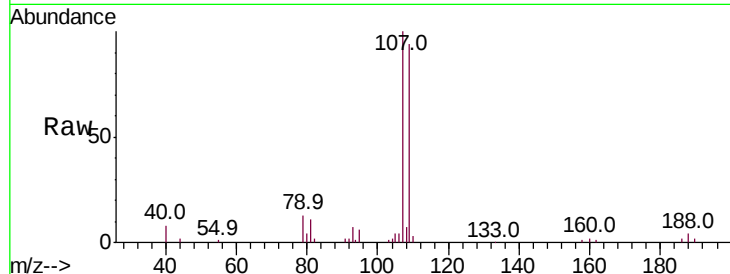




#61
 1,2-Dibromoethane
 Concen: 19.794 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

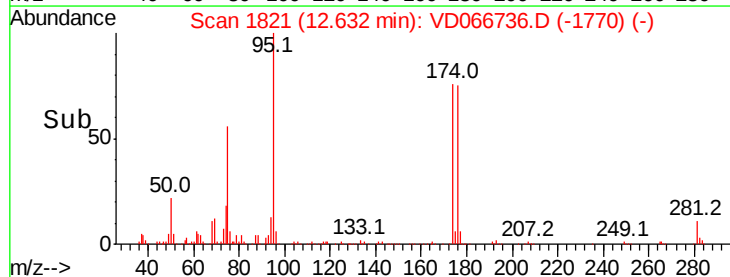
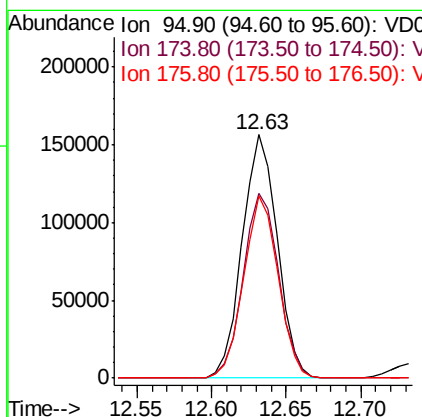
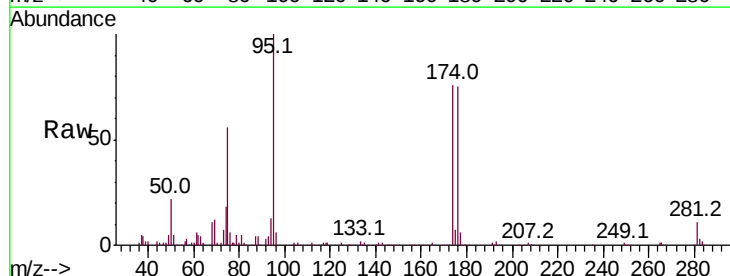
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

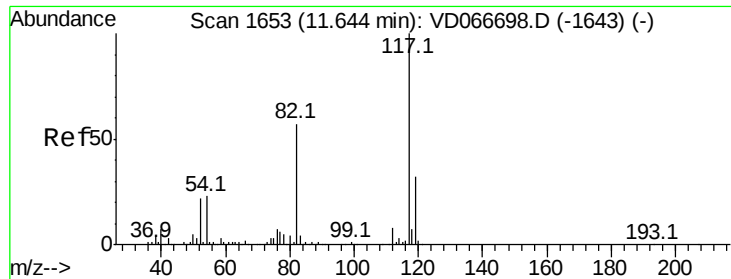
Tot Ion:107 Resp: 63332
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.350 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Tgt Ion: 95 Resp: 254162
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 156.6
 176 73.7 0.0 150.2

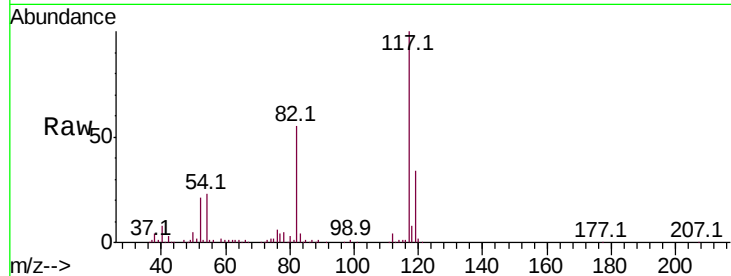




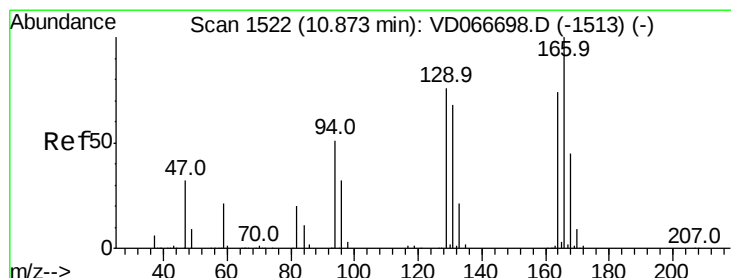
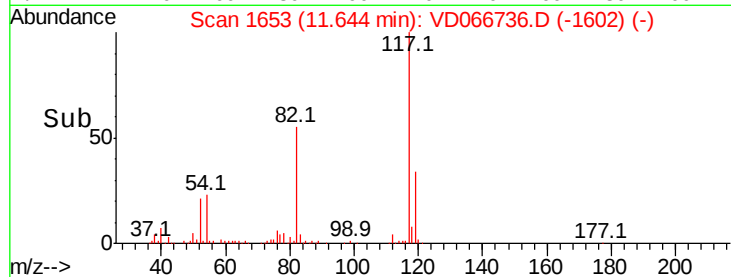
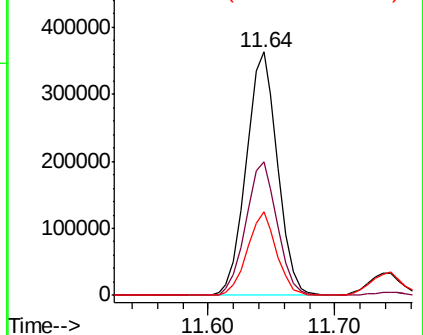
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

Tot Ion:117 Resp: 622617
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 34.2 25.8 38.6

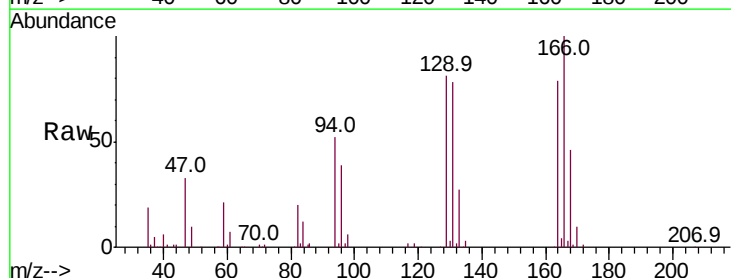


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

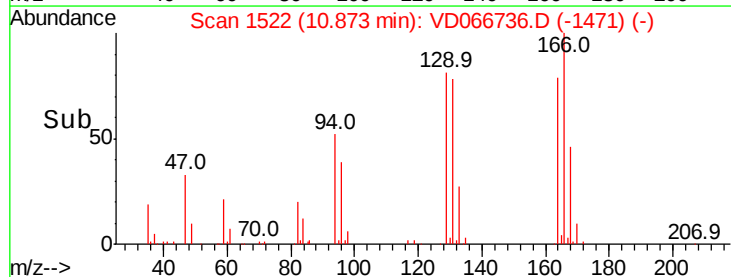
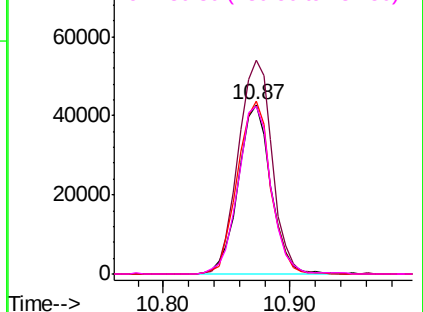


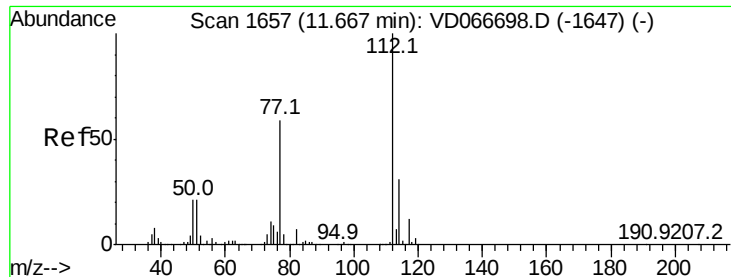
#64
Tetrachloroethene
Concen: 17.967 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion:164 Resp: 76362
Ion Ratio Lower Upper
164 100
166 126.0 107.5 161.3
129 102.1 81.4 122.0
131 98.7 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

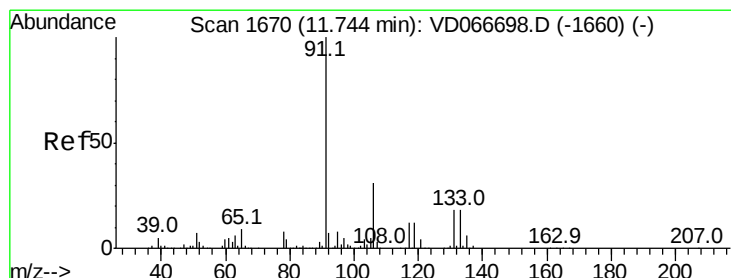
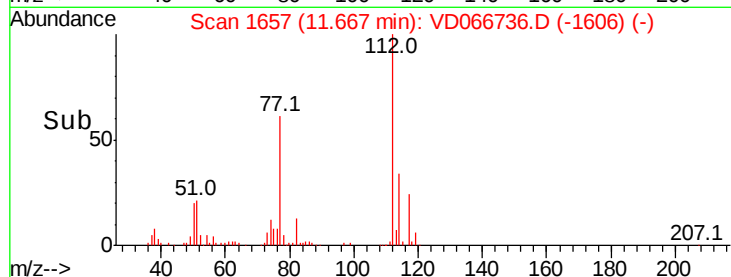
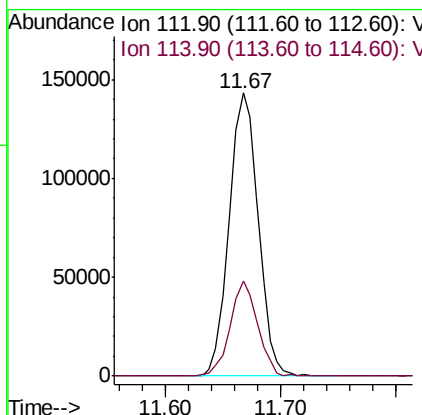
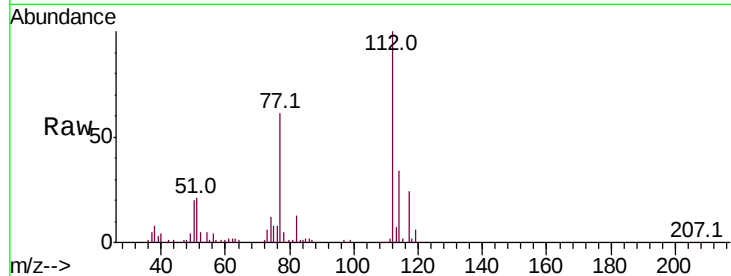




#65
Chlorobenzene
Concen: 19.354 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

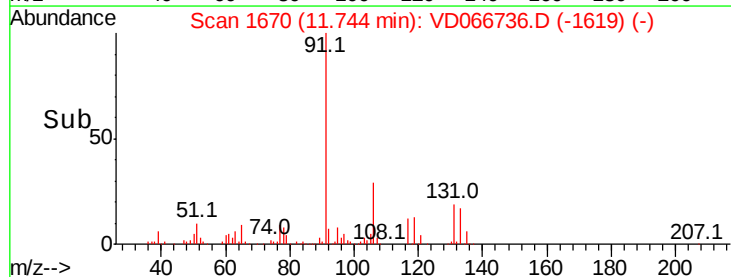
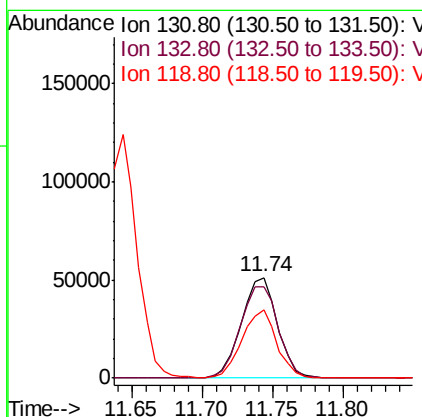
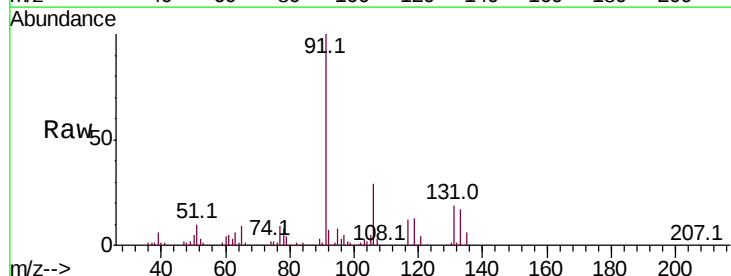
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

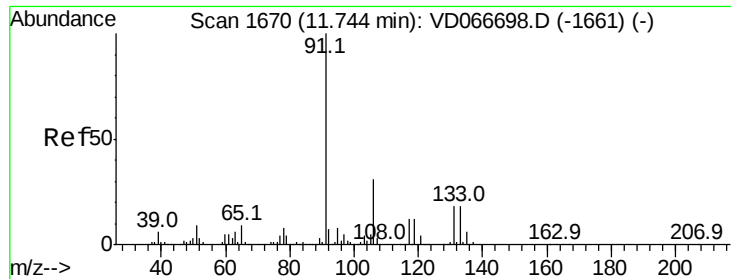
Tot Ion:112 Resp: 249487
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.221 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion:131 Resp: 91418
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 66.1 33.6 100.8





#67

Ethyl Benzene

Concen: 19.133 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

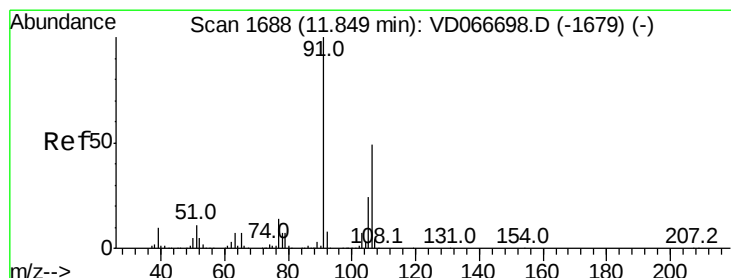
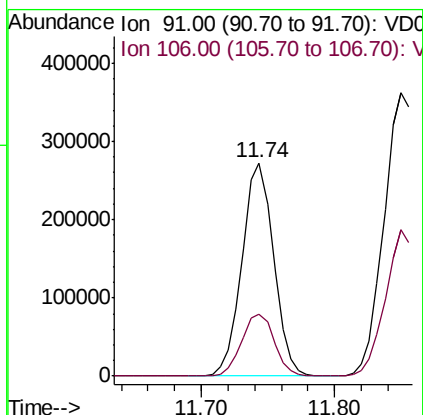
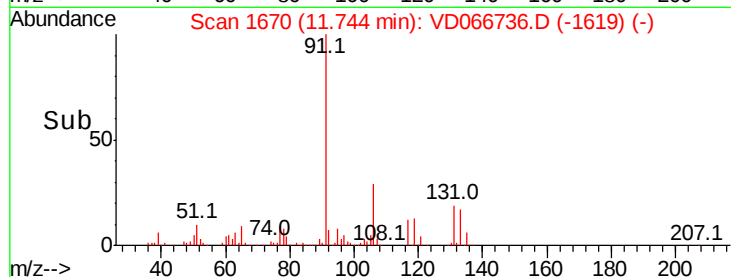
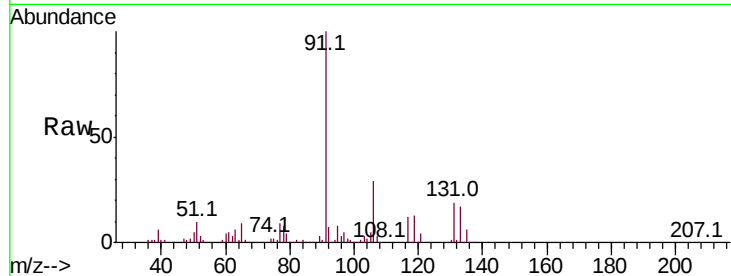
VD0917SBS01

Tot Ion: 91 Resp: 446753

Ion Ratio Lower Upper

91 100

106 28.9 25.1 37.7



#68

m/p-Xylenes

Concen: 38.731 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066736.D

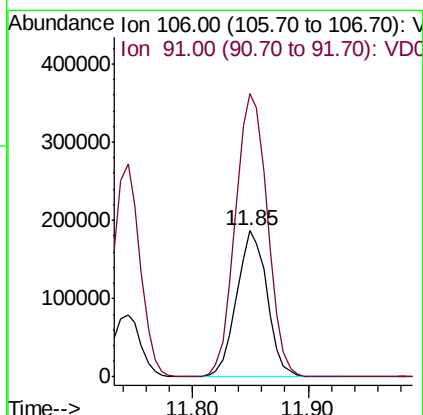
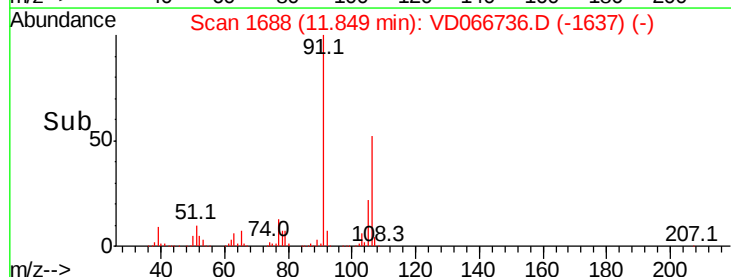
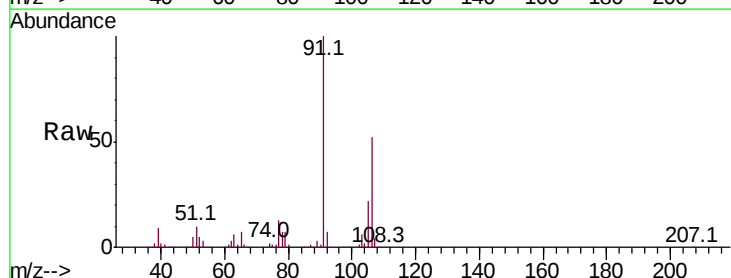
Acq: 17 Sep 2020 11:25

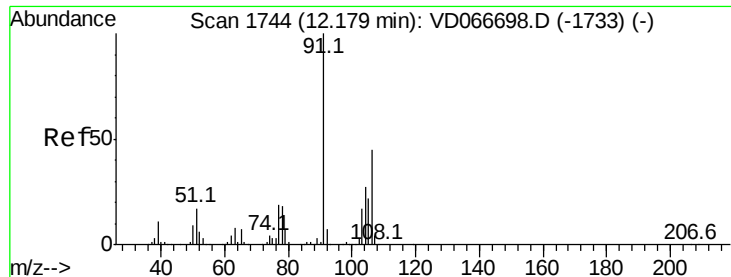
Tgt Ion: 106 Resp: 341794

Ion Ratio Lower Upper

106 100

91 203.9 164.8 247.2

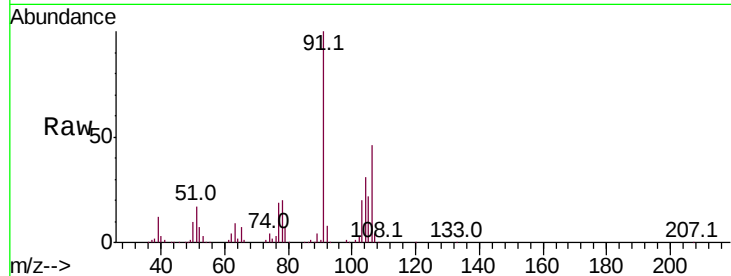




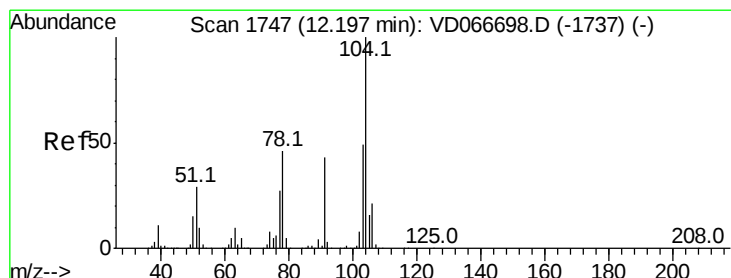
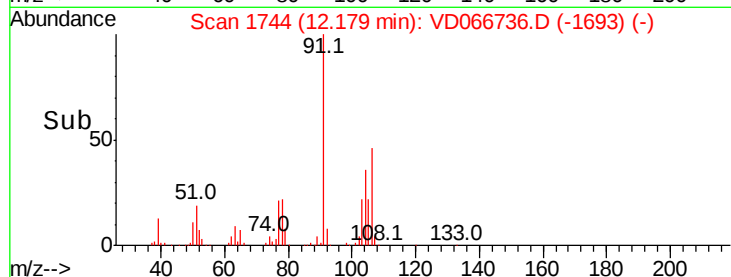
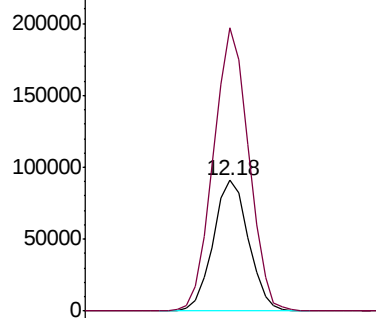
#69
o-Xylene
Concen: 19.175 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

Tot Ion:106 Resp: 149539
Ion Ratio Lower Upper
106 100
91 215.9 109.4 328.2

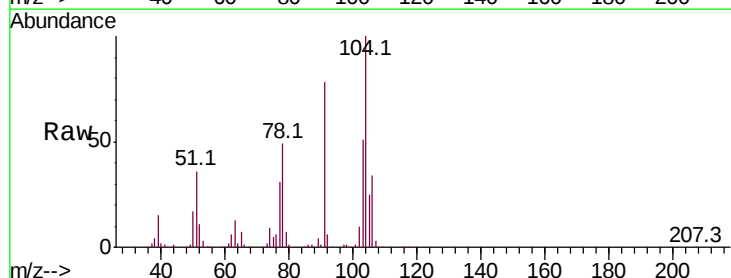


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

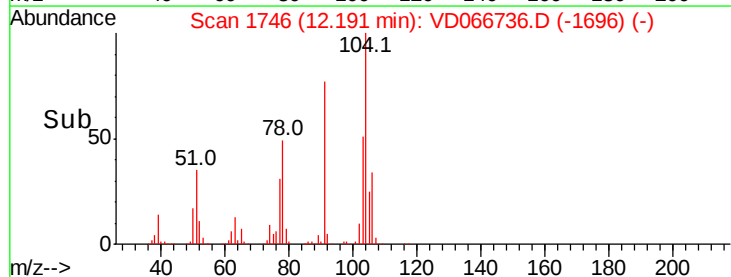
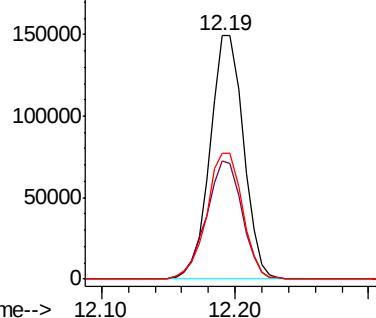


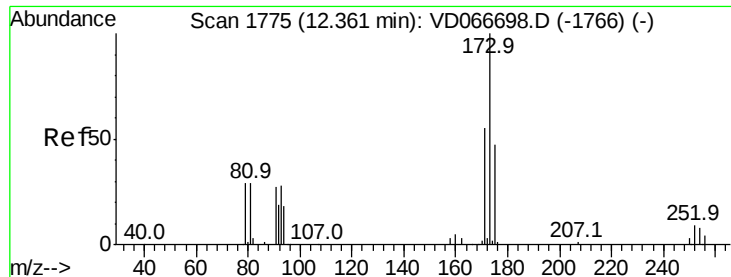
#70
Styrene
Concen: 18.887 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion:104 Resp: 259233
Ion Ratio Lower Upper
104 100
78 52.3 40.2 60.4
103 55.7 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.546 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

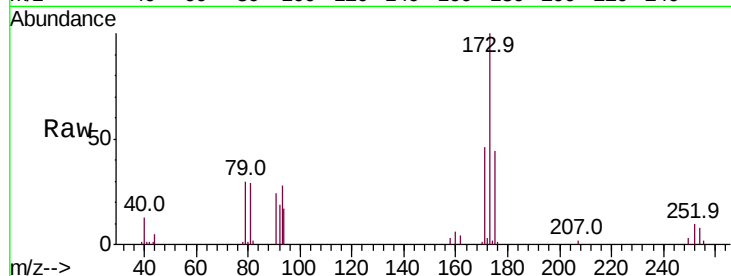
Tot Ion:173 Resp: 46656

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

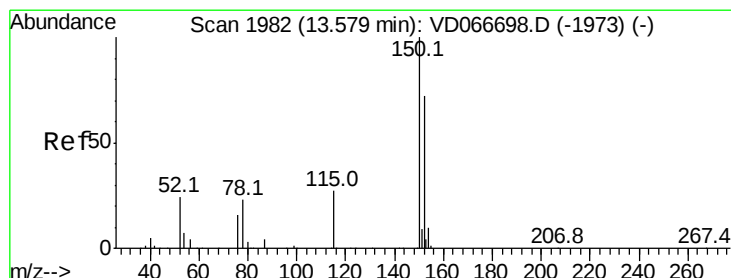
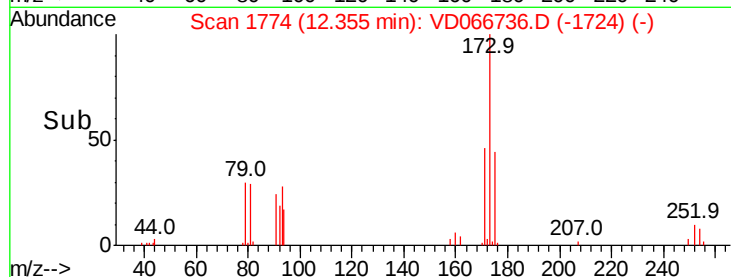
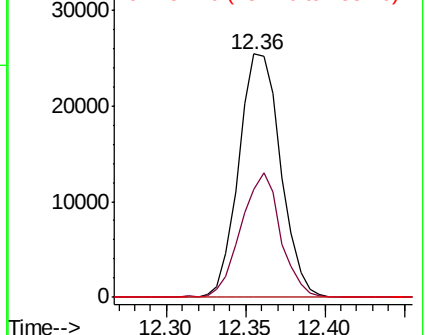
254 0.0 0.1 0.1#



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: VD066736.D

Acq: 17 Sep 2020 11:25

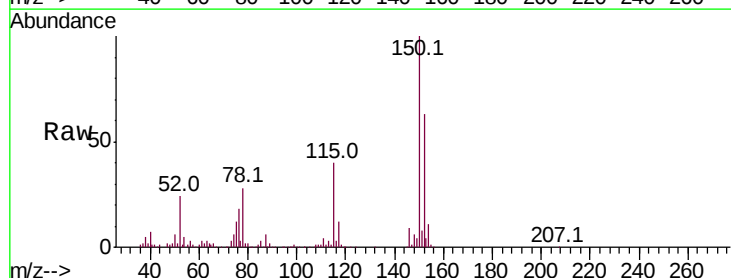
Tgt Ion:152 Resp: 292676

Ion Ratio Lower Upper

152 100

115 61.0 30.5 91.5

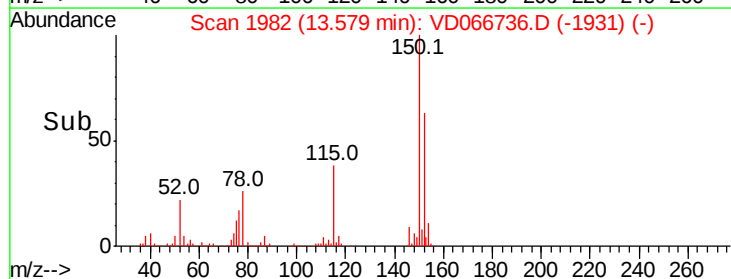
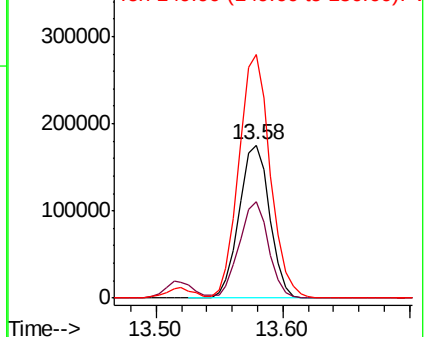
150 163.8 0.0 344.6

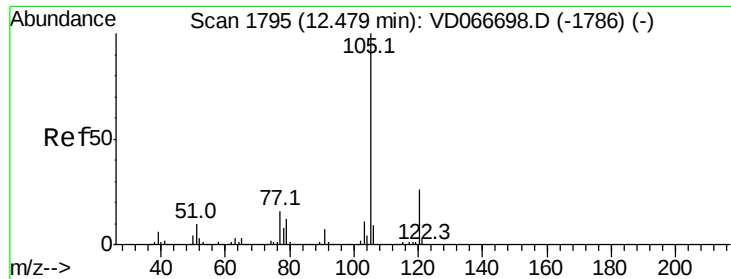


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.492 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

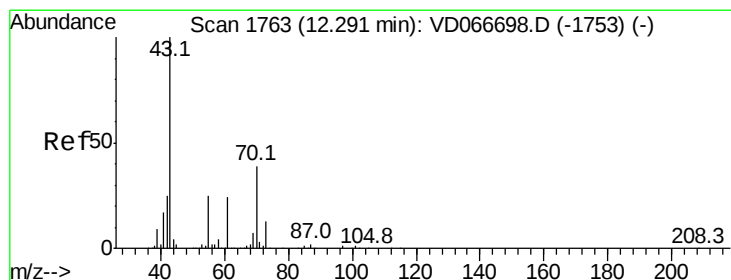
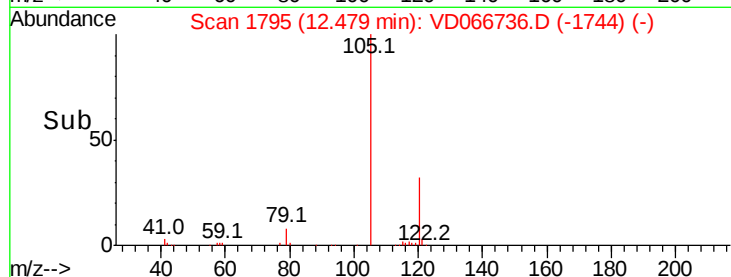
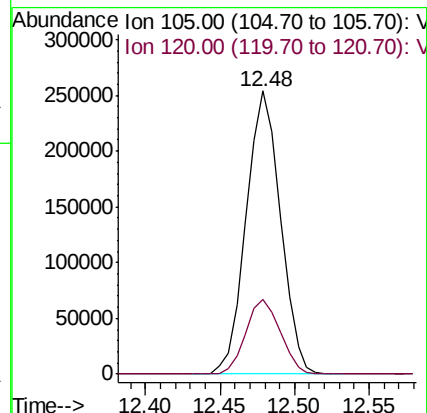
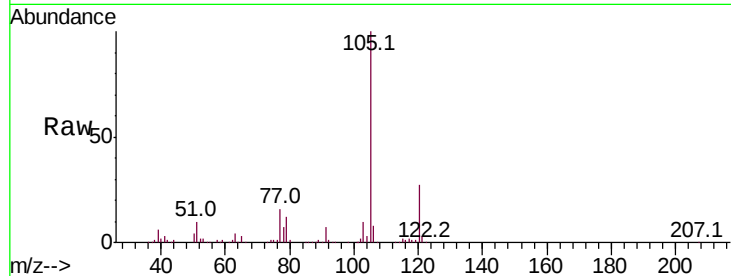
VD0917SBS01

Tot Ion:105 Resp: 404039

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1



#74

N-ethyl acetate

Concen: 18.180 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Tgt Ion: 43 Resp: 83788

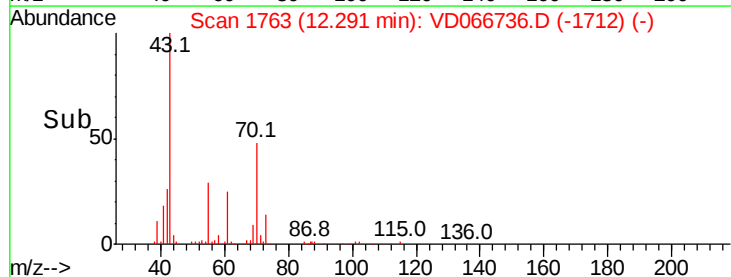
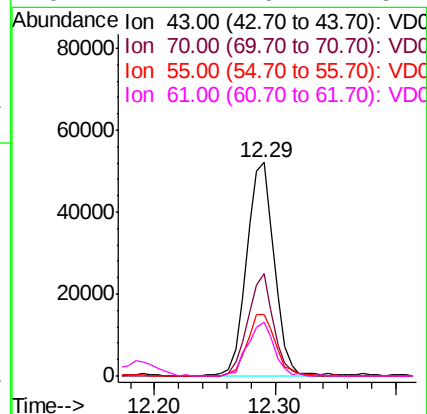
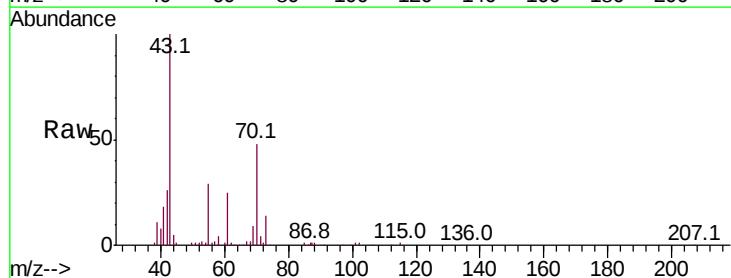
Ion Ratio Lower Upper

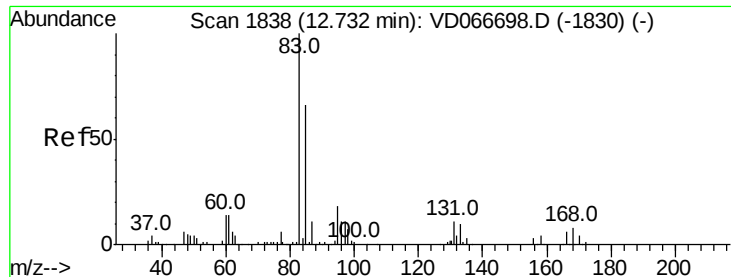
43 100

70 43.9 33.0 49.4

55 29.5 20.6 30.8

61 24.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.951 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

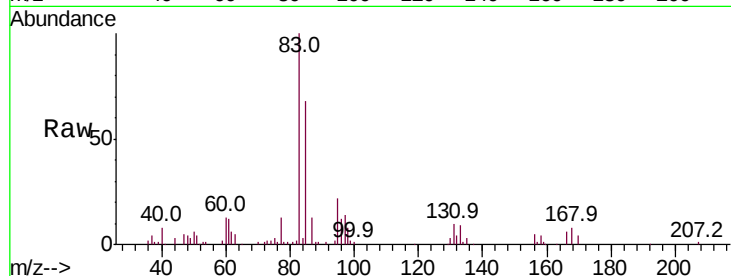
Tot Ion: 83 Resp: 74072

Ion Ratio Lower Upper

83 100

131 10.5 5.8 17.3

85 63.6 33.3 99.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC

12.73

40000

30000

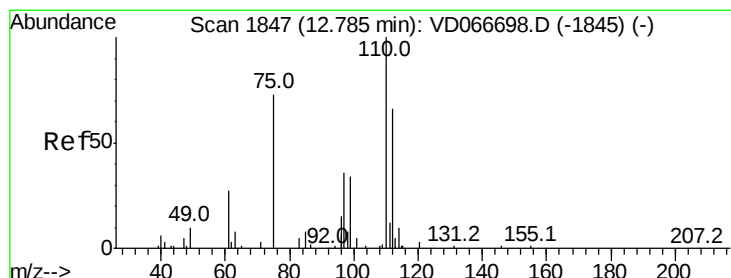
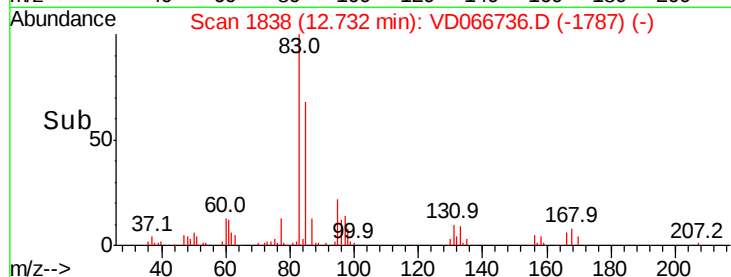
20000

10000

0

12.70 12.80

Time-->



#76

1,2,3-Trichloropropane

Concen: 37.555 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066736.D

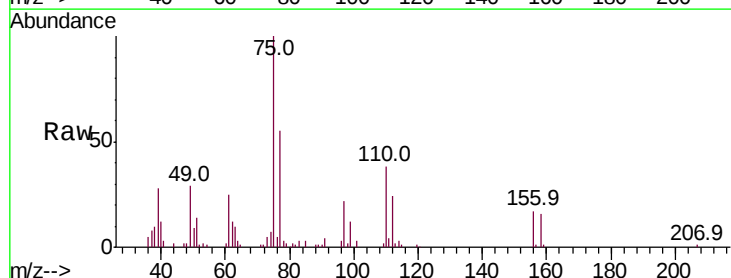
Acq: 17 Sep 2020 11:25

Tgt Ion: 75 Resp: 94083

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

100000

80000

60000

40000

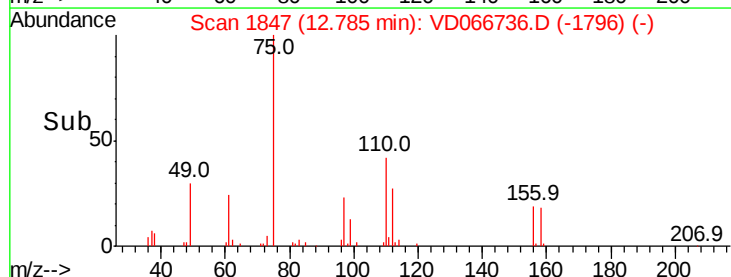
20000

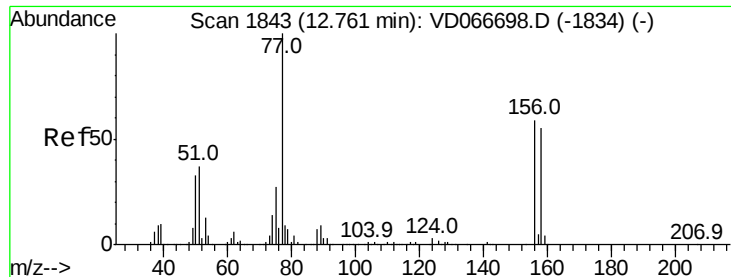
0

12.78

12.70 12.80 12.90

Time-->





#77

Bromobenzene

Concen: 18.695 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

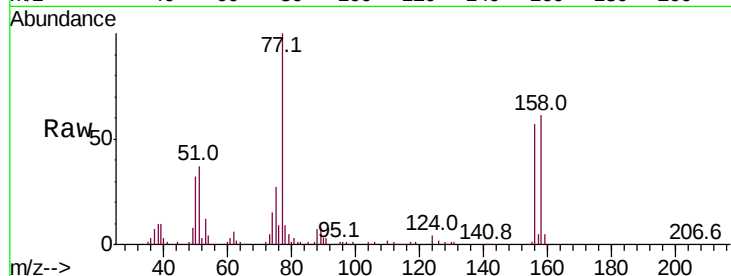
Tot Ion:156 Resp: 94144

Ion Ratio Lower Upper

156 100

77 188.7 95.8 287.3

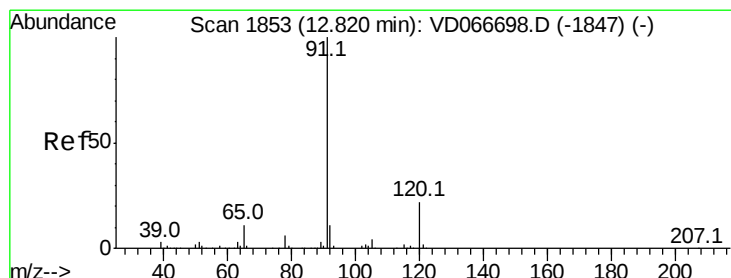
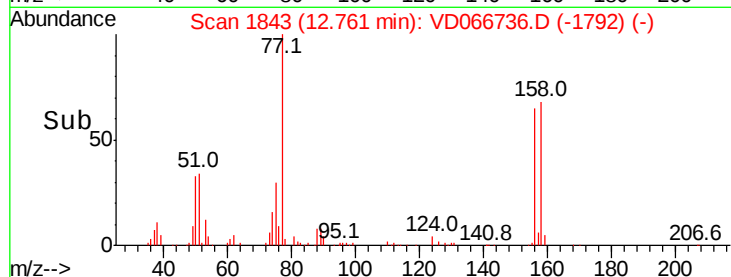
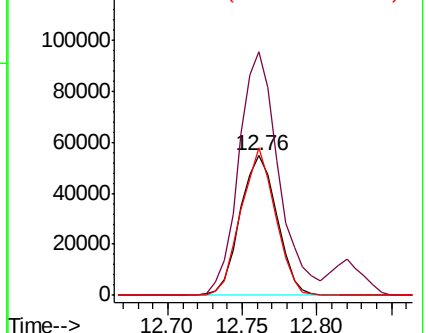
158 98.4 48.4 145.0



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: 18.831 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066736.D

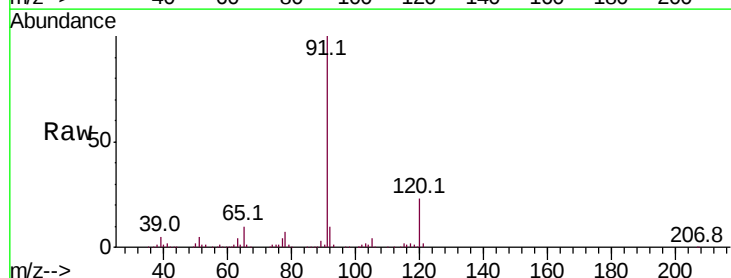
Acq: 17 Sep 2020 11:25

Tgt Ion: 91 Resp: 501559

Ion Ratio Lower Upper

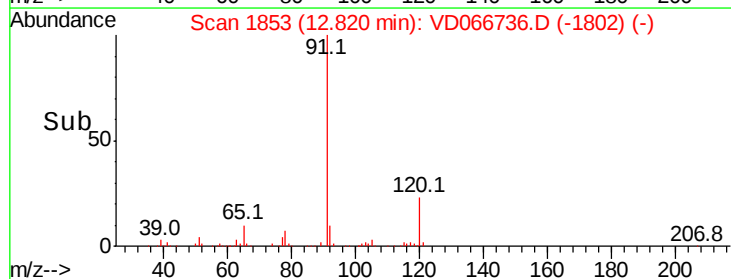
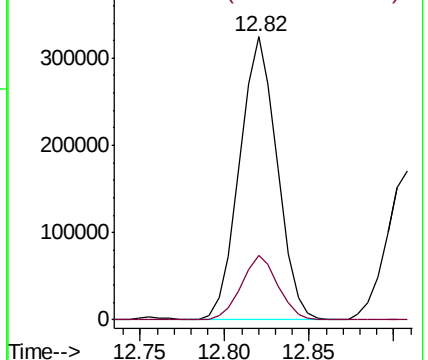
91 100

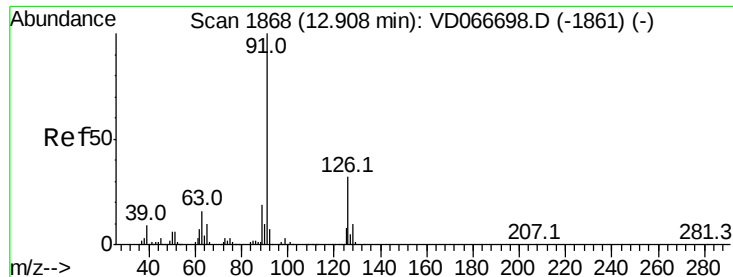
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.952 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

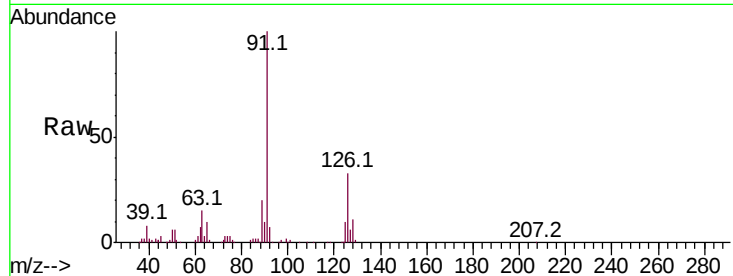
VD0917SBS01

Tot Ion: 91 Resp: 285427

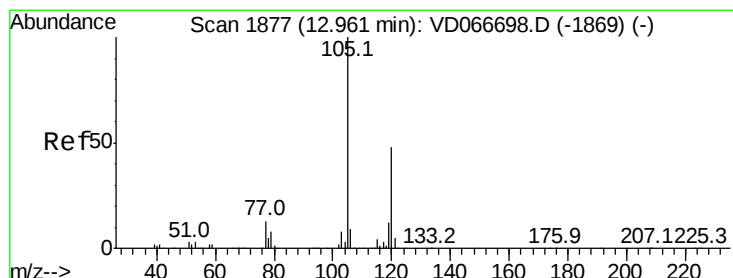
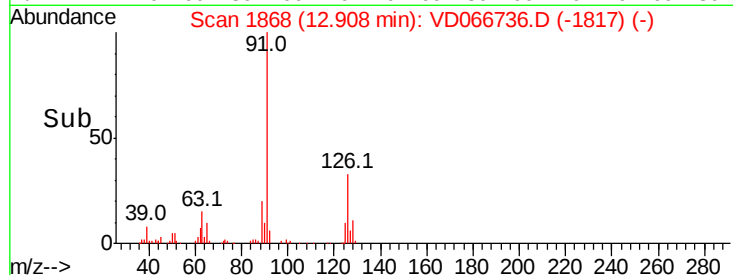
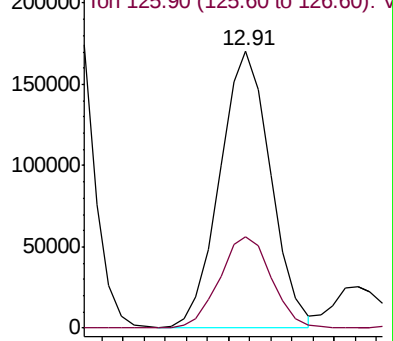
Ion Ratio Lower Upper

91 100

126 33.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VD066736.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.138 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066736.D

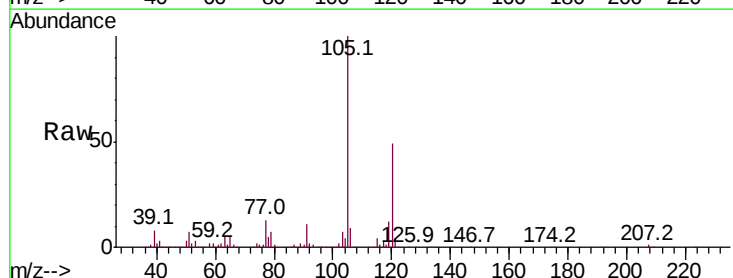
Acq: 17 Sep 2020 11:25

Tgt Ion:105 Resp: 353557

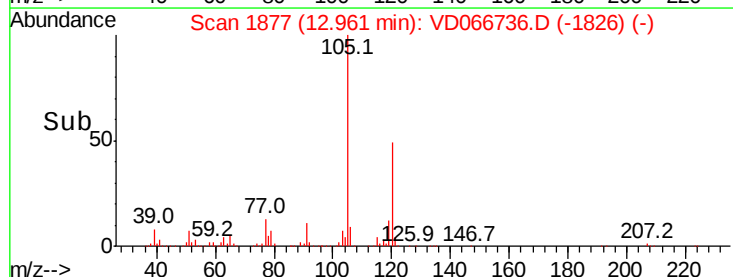
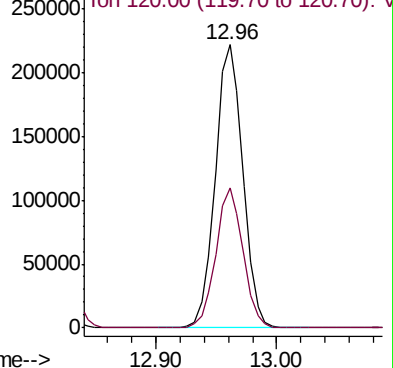
Ion Ratio Lower Upper

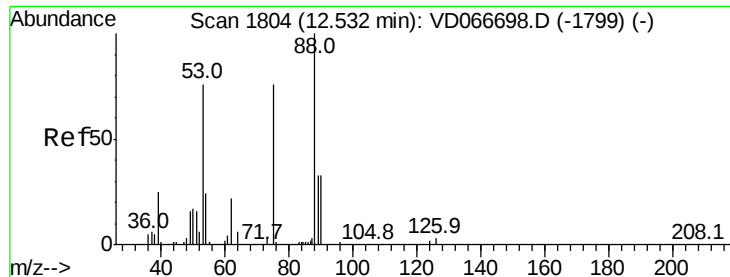
105 100

120 48.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066736.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.082 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

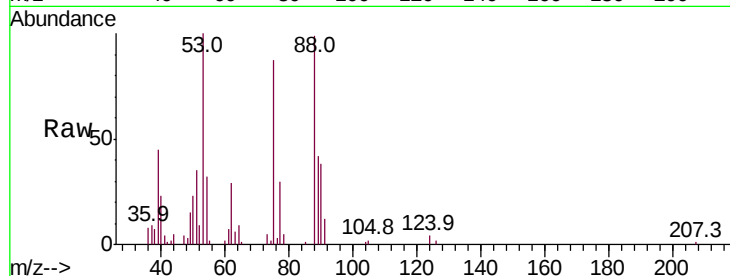
Tot Ion: 75 Resp: 22150

Ion Ratio Lower Upper

75 100

53 105.2 82.2 123.4

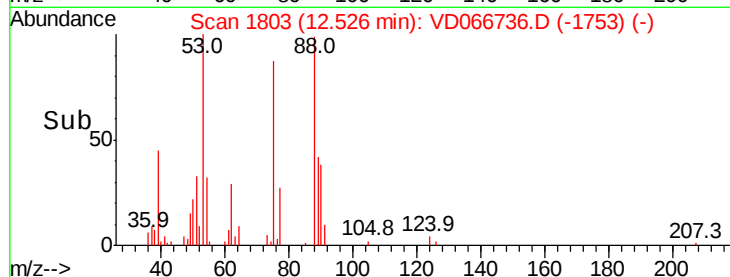
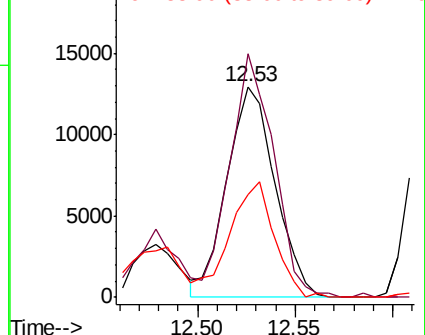
89 51.1 39.6 59.4



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: 19.054 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066736.D

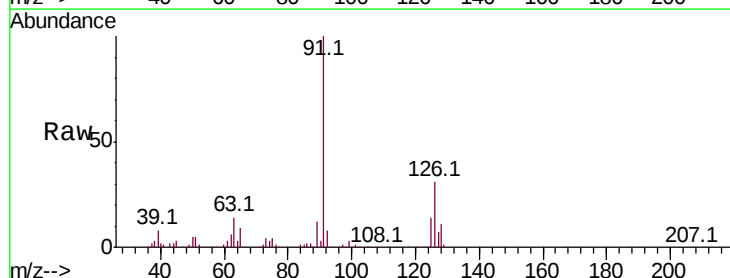
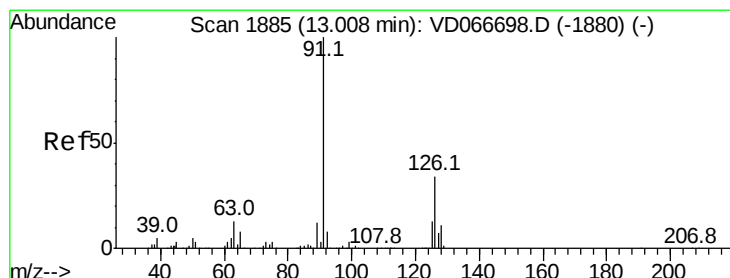
Acq: 17 Sep 2020 11:25

Tgt Ion: 91 Resp: 303421

Ion Ratio Lower Upper

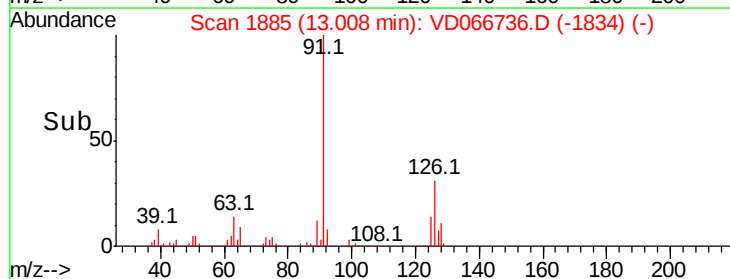
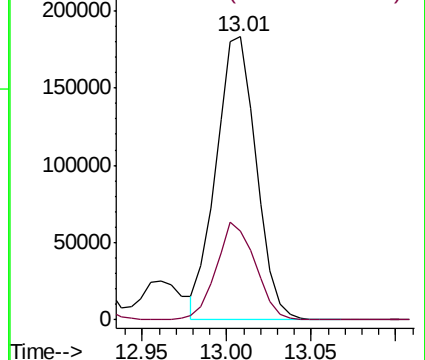
91 100

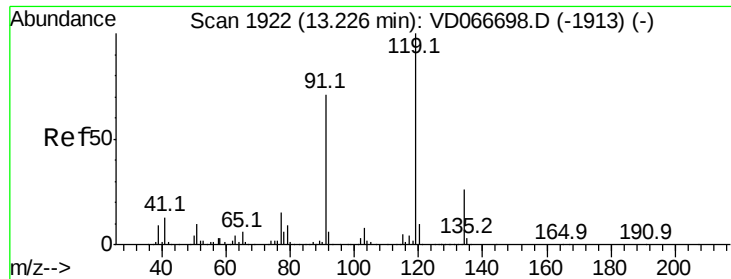
126 33.6 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

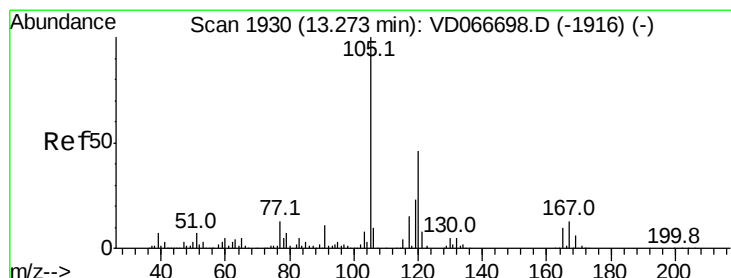
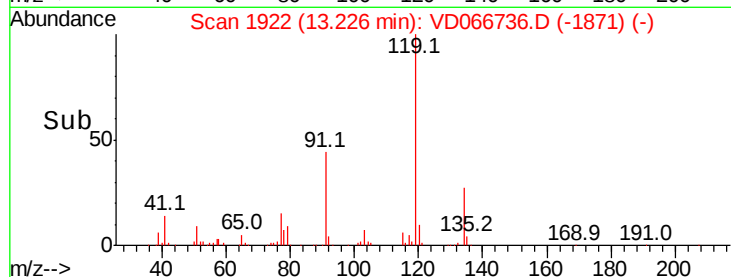
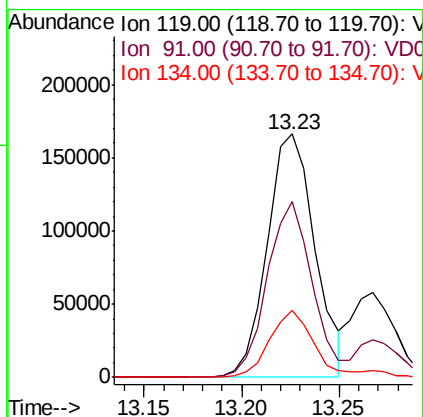
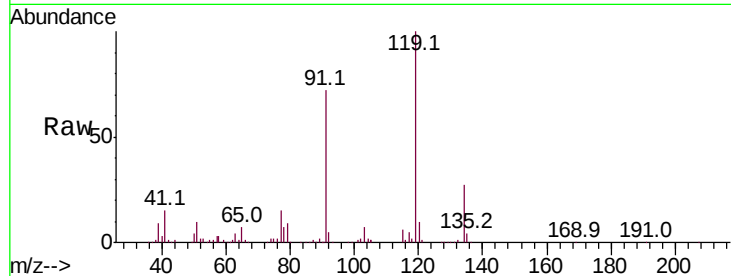




#83
tert-Butylbenzene
Concen: 18.518 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

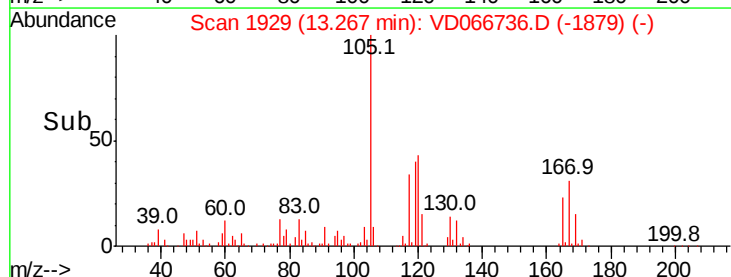
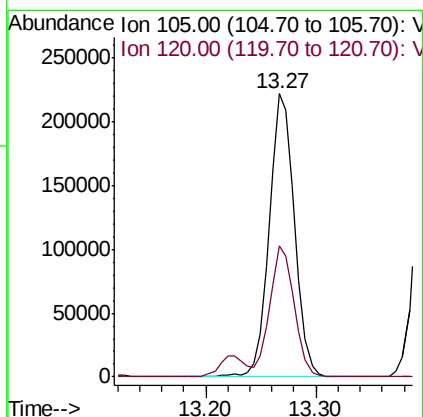
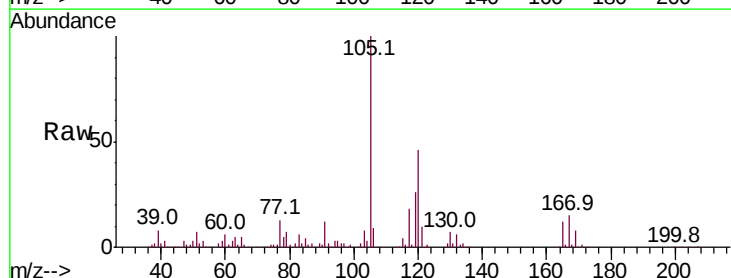
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

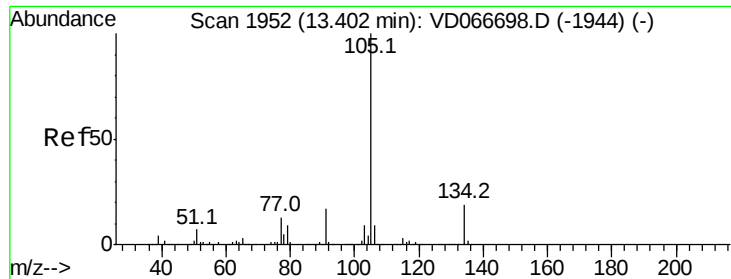
Tot Ion:119 Resp: 281967
Ion Ratio Lower Upper
119 100
91 67.7 35.0 105.1
134 27.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.134 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion:105 Resp: 353248
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 18.453 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

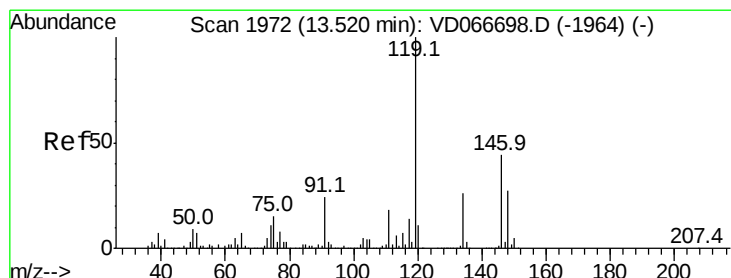
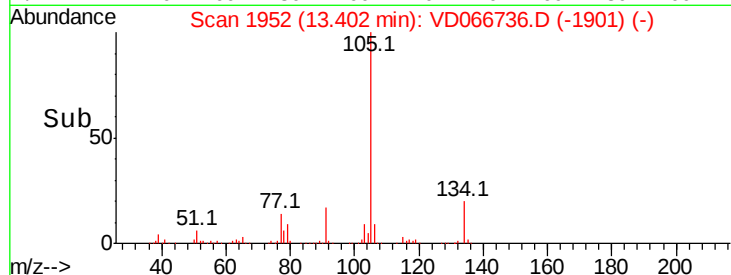
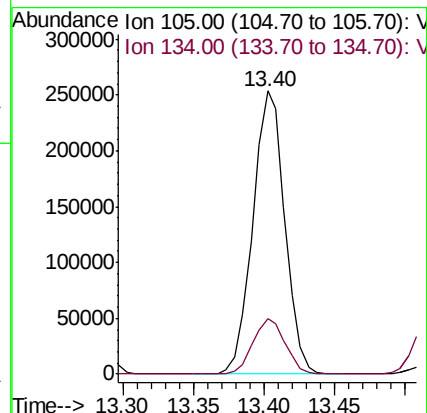
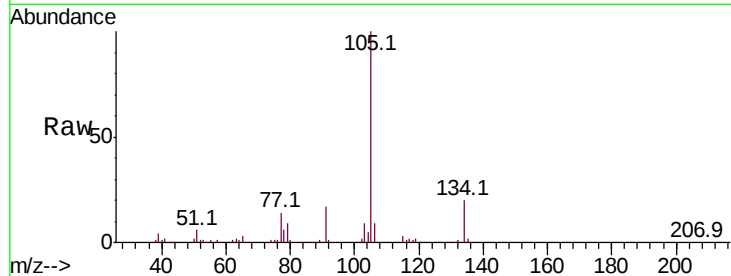
VD0917SBS01

Tot Ion:105 Resp: 402806

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 19.066 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

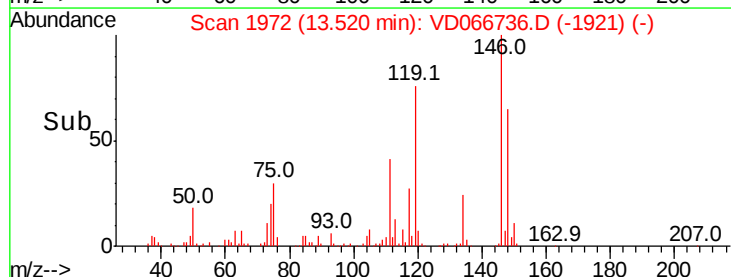
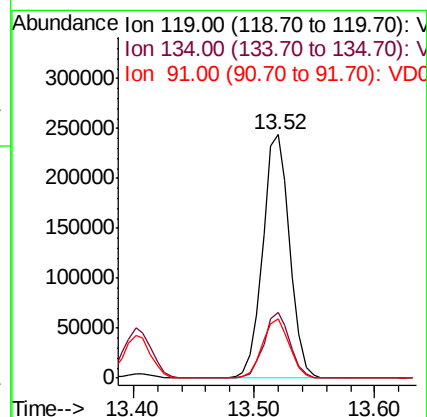
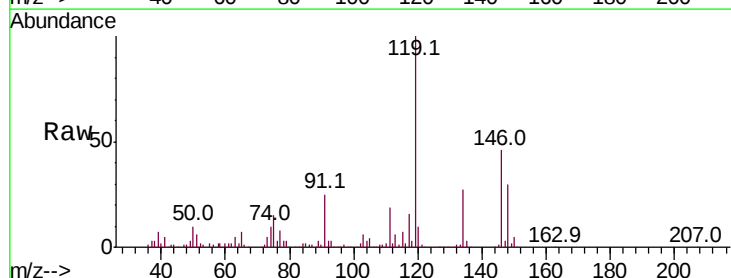
Tgt Ion:119 Resp: 378368

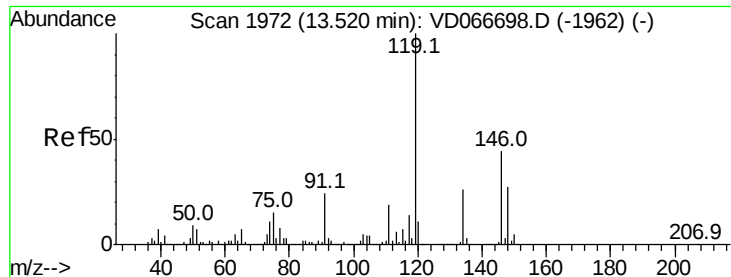
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 24.5 12.3 36.9

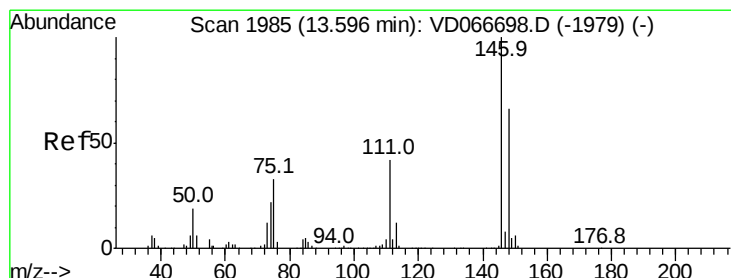
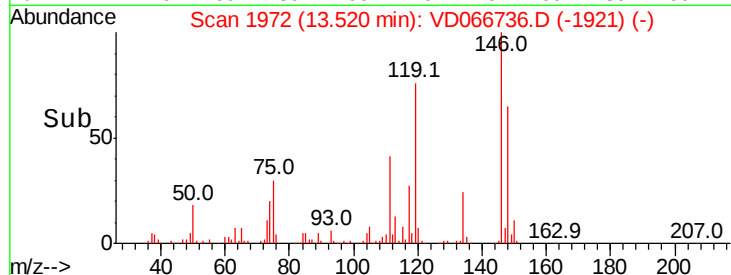
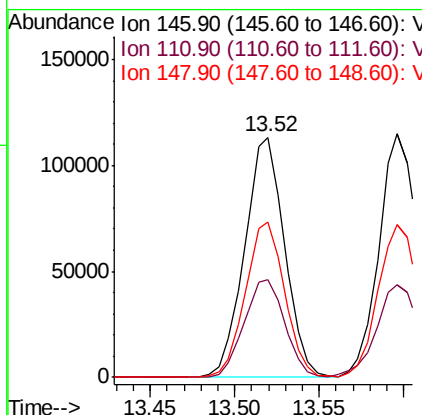
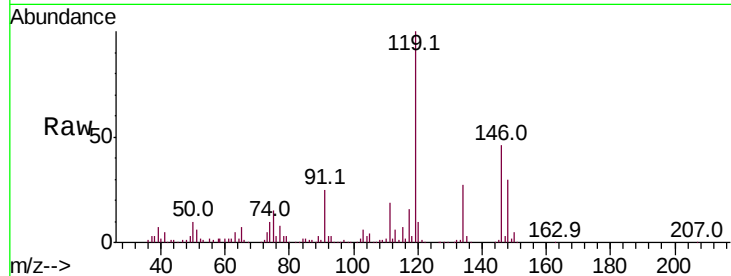




#87
 1,3-Dichlorobenzene
 Concen: 19.314 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

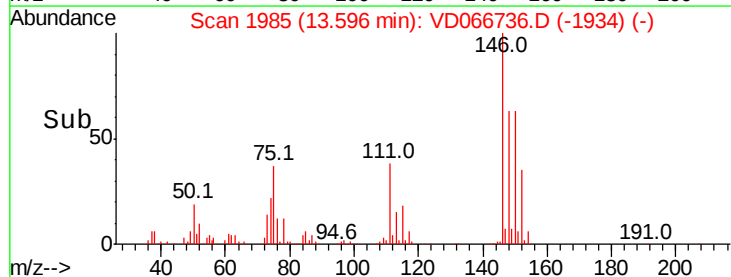
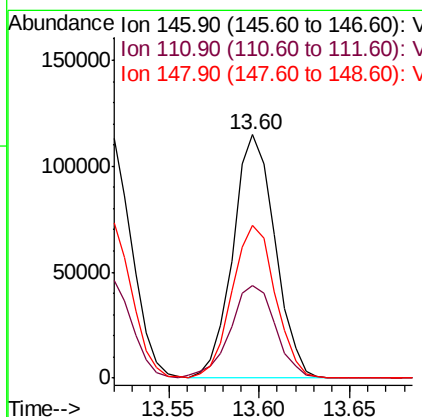
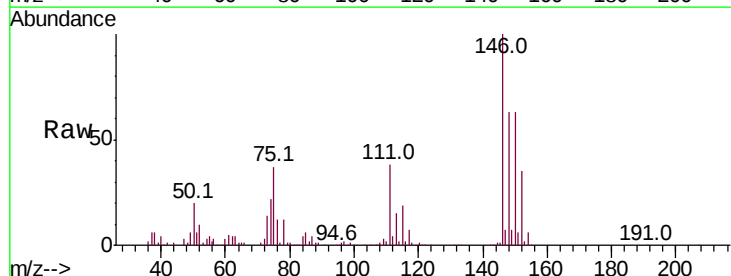
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

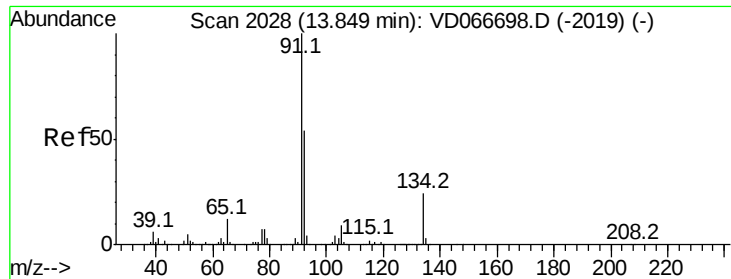
Tot Ion:146 Resp: 186599
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.3
 148 63.6 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 19.351 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Tgt Ion:146 Resp: 186173
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.6
 148 64.2 32.7 98.1

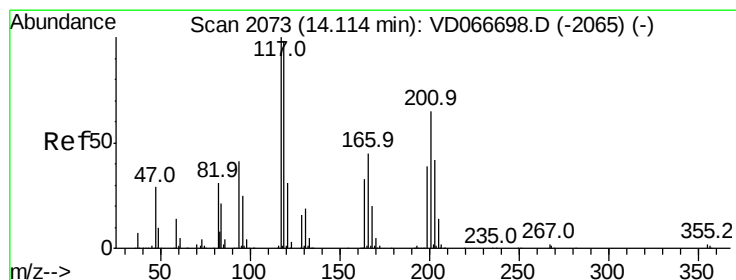
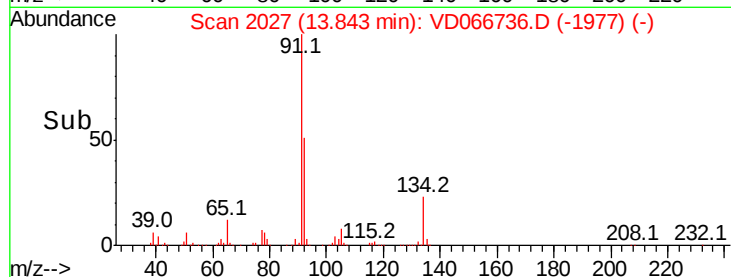
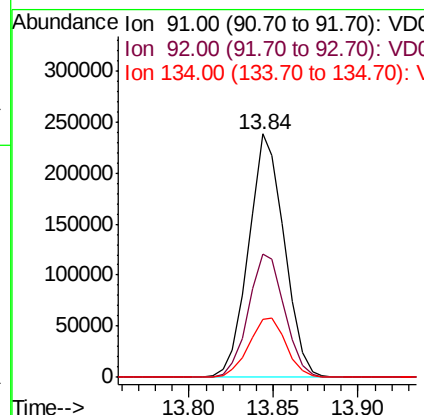
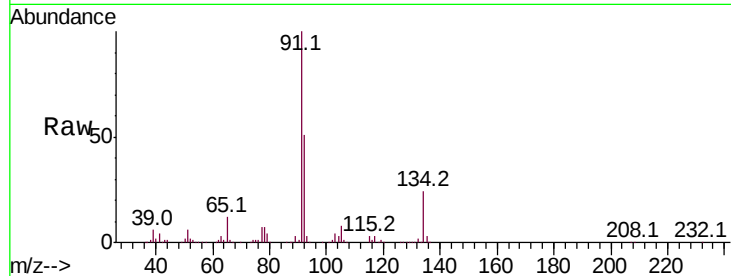




#89
n-Butylbenzene
Concen: 18.505 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

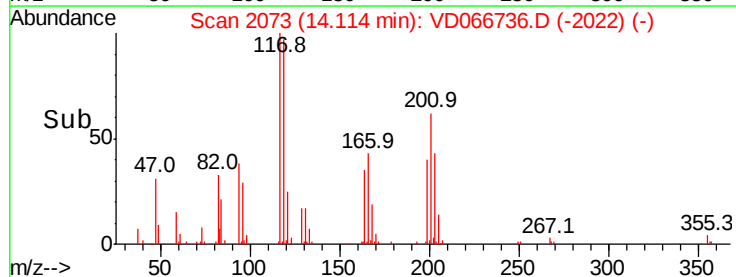
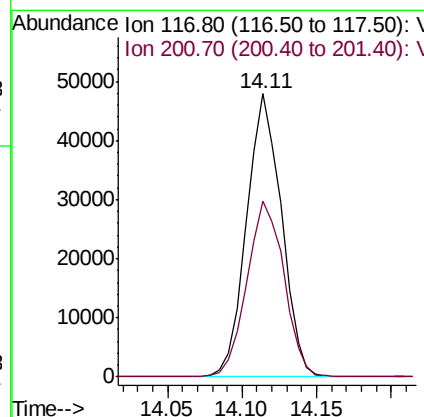
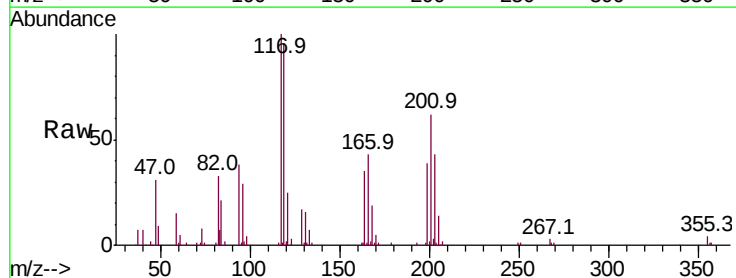
Instrument :
MSVOA_D
ClientSampleId :
VD0917SBS01

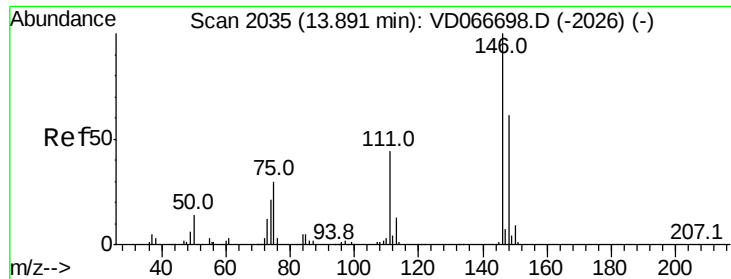
Tot Ion: 91 Resp: 349199
Ion Ratio Lower Upper
91 100
92 51.4 27.0 81.0
134 25.3 12.4 37.0



#90
Hexachloroethane
Concen: 18.933 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066736.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 117 Resp: 77184
Ion Ratio Lower Upper
117 100
201 66.0 33.1 99.3

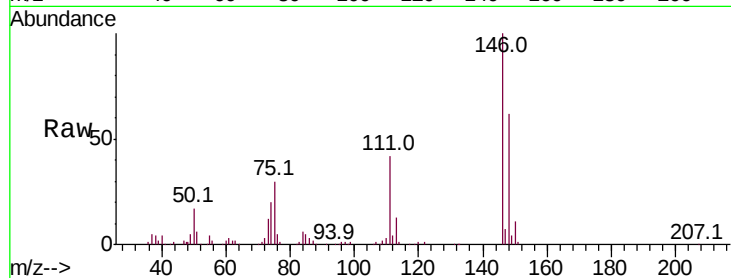




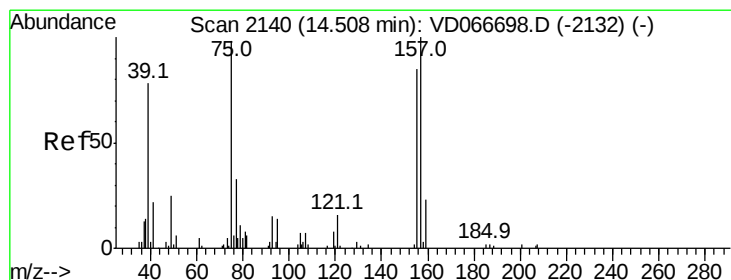
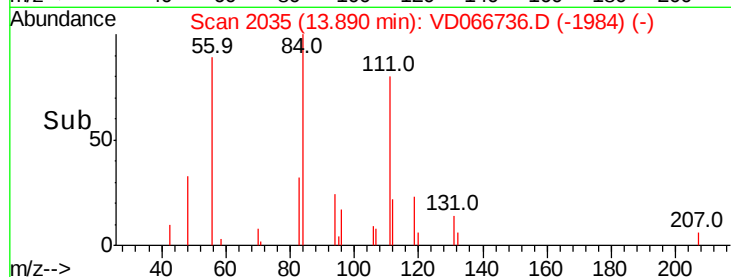
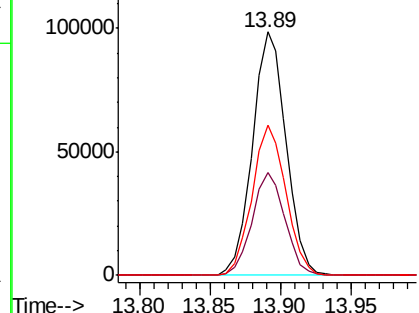
#91
 1,2-Dichlorobenzene
 Concen: 19.845 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

Tot Ion:146 Resp: 164285
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.6 64.6
 148 62.2 31.4 94.3

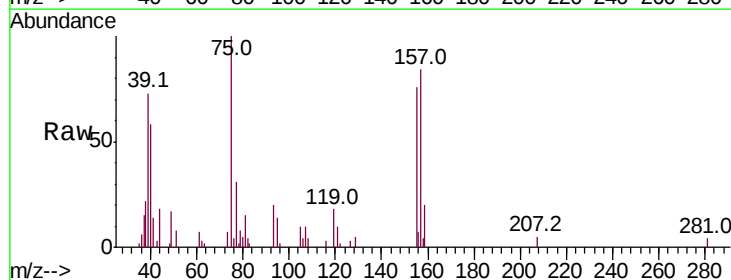


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

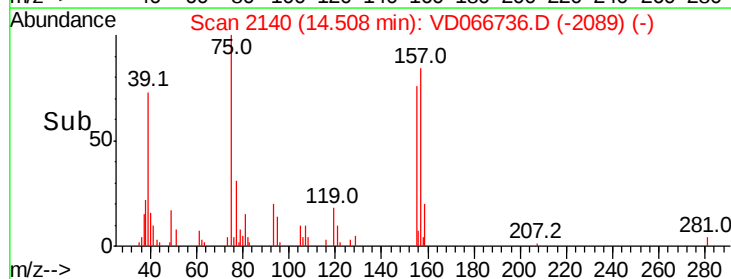
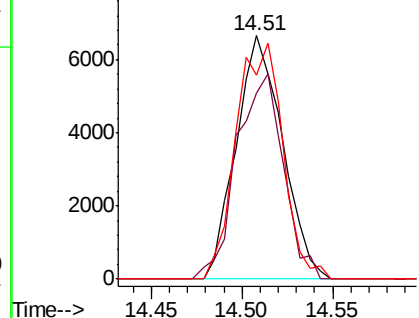


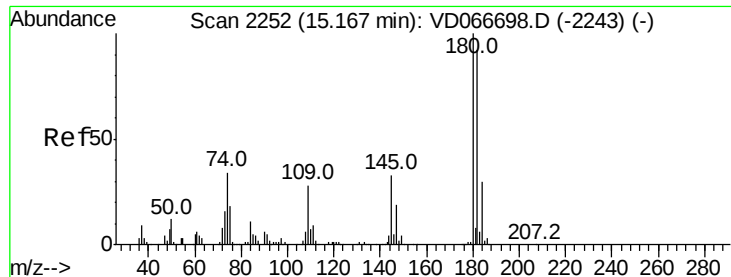
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.740 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Tgt Ion: 75 Resp: 11847
 Ion Ratio Lower Upper
 75 100
 155 84.7 38.9 116.7
 157 97.5 46.4 139.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

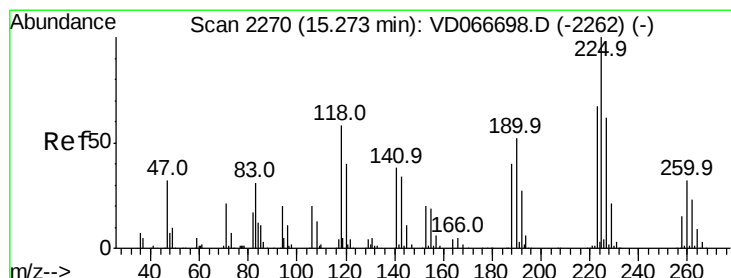
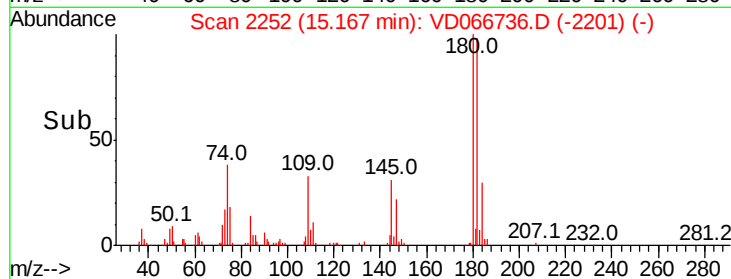
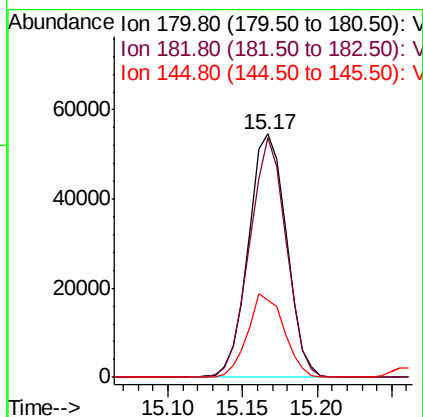
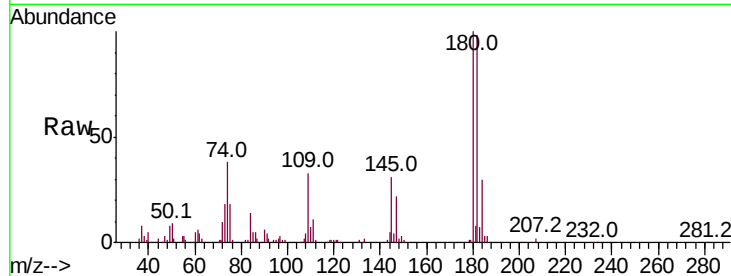




#93
 1,2,4-Trichlorobenzene
 Concen: 19.150 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

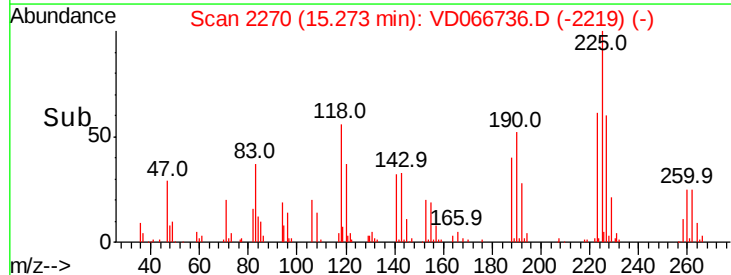
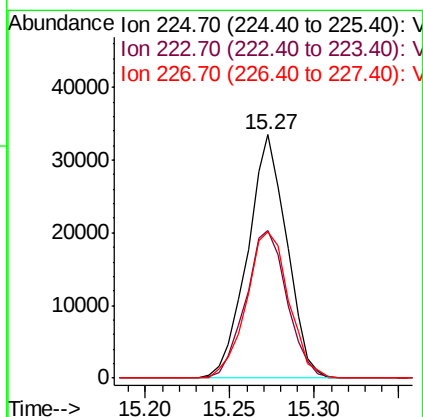
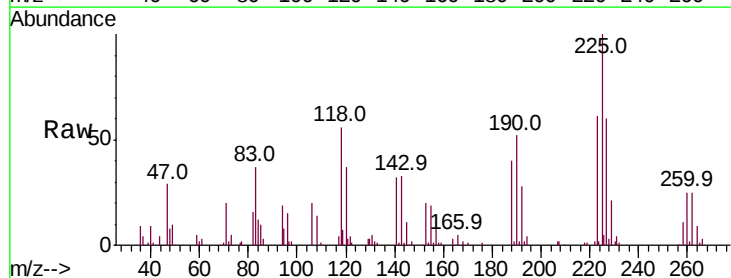
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

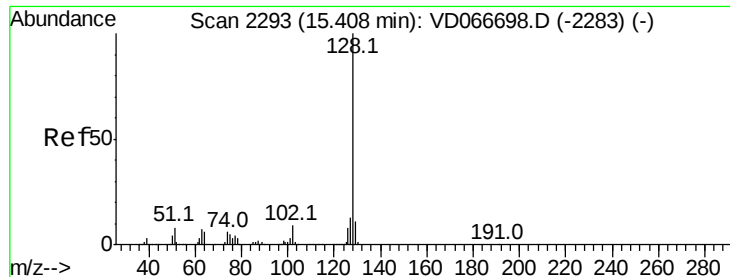
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.6	139.7
145	32.9	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 17.963 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066736.D
 Acq: 17 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.9
227	64.8	31.3	93.9





#95

Naphthalene

Concen: 18.218 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD0917SBS01

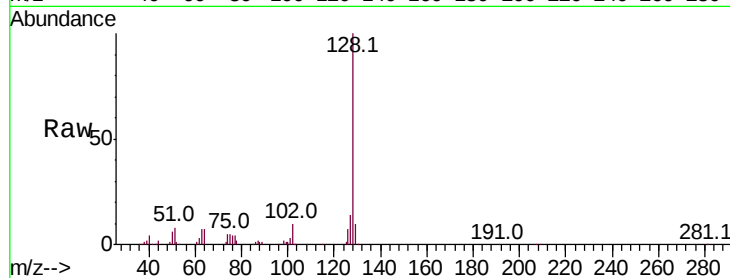
Tot Ion:128 Resp: 159374

Ion Ratio Lower Upper

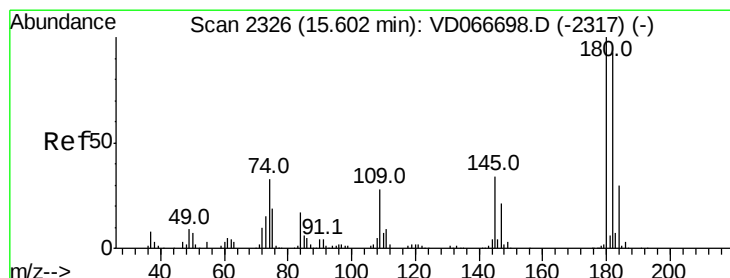
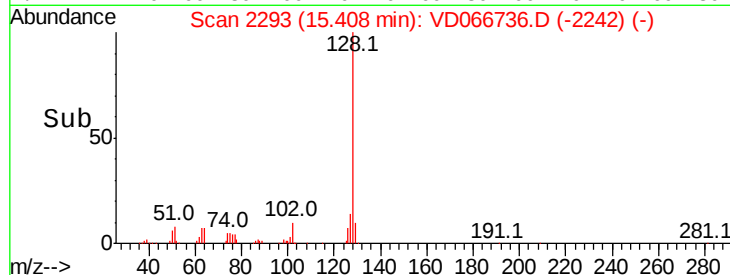
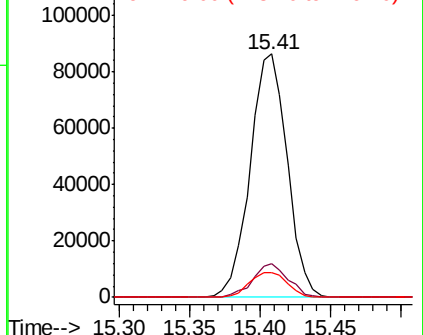
128 100

127 13.2 10.5 15.7

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.362 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066736.D

Acq: 17 Sep 2020 11:25

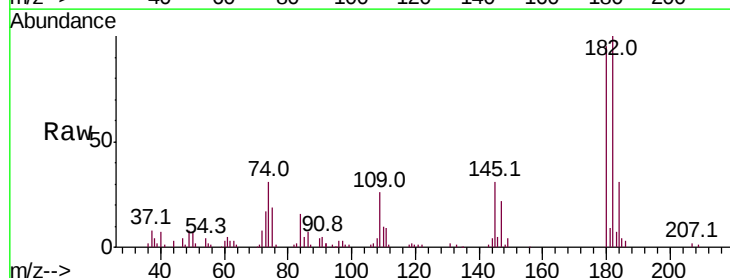
Tgt Ion:180 Resp: 80303

Ion Ratio Lower Upper

180 100

182 100.5 46.6 139.8

145 32.9 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

