

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065853.D
 Acq On : 23 Jun 2020 12:04
 Operator : VA/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Quant Time: Jun 24 04:38:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	189911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	302577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	280629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	139941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	100270	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	
35) Dibromofluoromethane	7.91	113	98540	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
50) Toluene-d8	10.34	98	376301	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.64	95	125503	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	32713	23.521	ug/l	97
3) Chloromethane	2.21	50	59878	25.314	ug/l	99
4) Vinyl Chloride	2.35	62	68044	24.285	ug/l	97
5) Bromomethane	2.76	94	47468	24.225	ug/l	94
6) Chloroethane	2.92	64	44715	23.602	ug/l	96
7) Trichlorofluoromethane	3.27	101	74061	23.330	ug/l	98
8) Diethyl Ether	3.71	74	18191	21.796	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.09	101	43462	22.960	ug/l	99
10) Methyl Iodide	4.30	142	38324	20.791	ug/l	99
11) Tert butyl alcohol	5.22	59	15466	129.949	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	40041	23.209	ug/l	94
13) Acrolein	3.92	56	8085	76.705	ug/l	93
14) Allyl chloride	4.71	41	64476	22.611	ug/l	95
15) Acrylonitrile	5.41	53	43677	115.222	ug/l	97
16) Acetone	4.15	43	45765	129.286	ug/l	98
17) Carbon Disulfide	4.40	76	131260	22.668	ug/l	99
18) Methyl Acetate	4.72	43	20706	24.048	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	87957	22.508	ug/l	94
20) Methylene Chloride	4.96	84	56622	28.178	ug/l	93
21) trans-1,2-Dichloroethene	5.46	96	46198	22.865	ug/l	86
22) Diisopropyl ether	6.36	45	130963	22.731	ug/l	96
23) Vinyl Acetate	6.30	43	367081	112.828	ug/l	98
24) 1,1-Dichloroethane	6.26	63	79952	22.775	ug/l	99
25) 2-Butanone	7.21	43	57369	117.350	ug/l	95
26) 2,2-Dichloropropane	7.20	77	71688	23.031	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	48803	22.455	ug/l	97
28) Bromochloromethane	7.55	49	28934	21.340	ug/l	97
29) Tetrahydrofuran	7.56	42	35463	114.776	ug/l	97
30) Chloroform	7.71	83	81638	22.436	ug/l	91
31) Cyclohexane	7.98	56	76265	22.662	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	76626	22.902	ug/l	97
36) 1,1-Dichloropropene	8.11	75	65205	22.496	ug/l	99
37) Ethyl Acetate	7.29	43	26628	23.324	ug/l	97
38) Carbon Tetrachloride	8.10	117	69588	22.813	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	76618	22.326	ug/l	96
40) Benzene	8.35	78	175280	22.120	ug/l	99
41) Methacrylonitrile	7.56	41	35849	52.734	ug/l #	44
42) 1,2-Dichloroethane	8.43	62	51840	21.683	ug/l	99
43) Isopropyl Acetate	8.45	43	50199	22.112	ug/l	99
44) Trichloroethene	9.11	130	49573	22.481	ug/l	94
45) 1,2-Dichloropropane	9.38	63	44094	22.147	ug/l	95
46) Dibromomethane	9.48	93	23658	21.909	ug/l	97
47) Bromodichloromethane	9.66	83	62323	21.538	ug/l	98
48) Methyl methacrylate	9.46	41	25230	22.959	ug/l	98
49) 1,4-Dioxane	9.46	88	4750	413.281	ug/l #	85
51) 4-Methyl-2-Pentanone	10.23	43	125391	112.717	ug/l	98
52) Toluene	10.40	92	117035	22.731	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	59580	22.738	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	69422	22.433	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	31939	22.137	ug/l	98
56) Ethyl methacrylate	10.66	69	37688	22.208	ug/l	98
57) 1,3-Dichloropropane	10.95	76	55508	22.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	85950	108.937	ug/l	99
59) 2-Hexanone	10.98	43	87813	117.085	ug/l	99
60) Dibromochloromethane	11.14	129	42821	21.970	ug/l	100
61) 1,2-Dibromoethane	11.25	107	30712	21.660	ug/l	99
64) Tetrachloroethene	10.88	164	39759	20.952	ug/l	95
65) Chlorobenzene	11.67	112	121327	22.146	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	44741	21.909	ug/l	99
67) Ethyl Benzene	11.75	91	218972	22.374	ug/l	99
68) m/p-Xylenes	11.86	106	167771	44.504	ug/l	100
69) o-Xylene	12.18	106	75026	22.073	ug/l	99
70) Styrene	12.20	104	128692	21.871	ug/l	97
71) Bromoform	12.36	173	23894	21.248	ug/l #	97
73) Isopropylbenzene	12.48	105	211157	22.505	ug/l	99
74) N-amyl acetate	12.30	43	44088	21.121	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	36524	23.050	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	45999	42.265	ug/l #	100
77) Bromobenzene	12.76	156	49445	22.273	ug/l	99
78) n-propylbenzene	12.83	91	255714	22.642	ug/l	100
79) 2-Chlorotoluene	12.91	91	139837	22.570	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	175023	22.416	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	11032	21.901	ug/l	98
82) 4-Chlorotoluene	13.01	91	148125	22.274	ug/l	98
83) tert-Butylbenzene	13.23	119	150273	22.181	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	176095	22.533	ug/l	99
85) sec-Butylbenzene	13.41	105	212591	22.548	ug/l	99
86) p-Isopropyltoluene	13.52	119	194795	22.542	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	94993	21.702	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	94020	21.593	ug/l	97
89) n-Butylbenzene	13.85	91	185262	22.478	ug/l	98
90) Hexachloroethane	14.12	117	39678	22.939	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	81833	21.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5784	21.933	ug/l	88

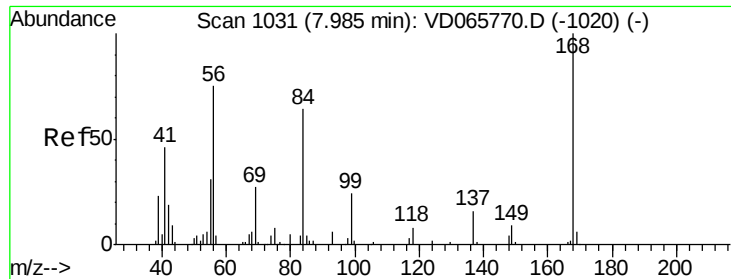
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062320\
Data File : VD065853.D
Acq On : 23 Jun 2020 12:04
Operator : VA/SY
Sample : VD0623SBS01
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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	53723	20.975	ug/l	100
94) Hexachlorobutadiene	15.27	225	31150	20.118	ug/l	98
95) Naphthalene	15.41	128	89880	20.717	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	45098	20.444	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

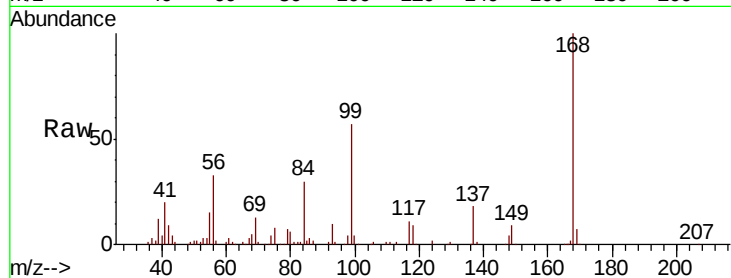
VD0623SBS01

Tot Ion:168 Resp: 189911

Ion Ratio Lower Upper

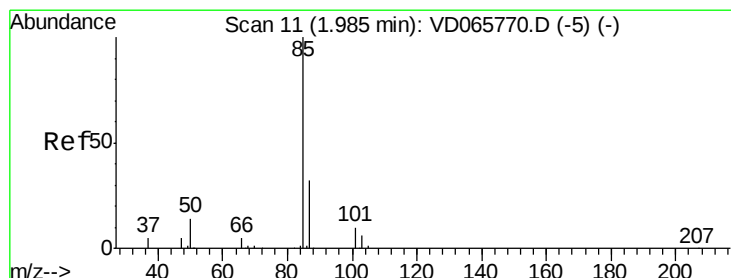
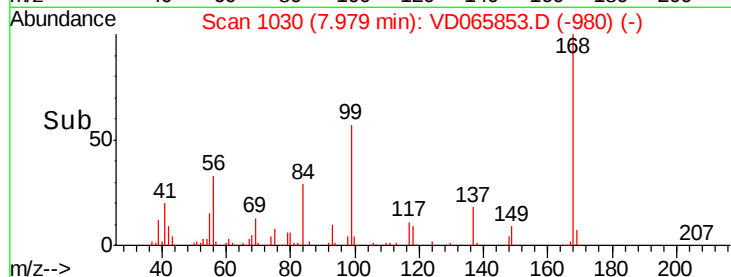
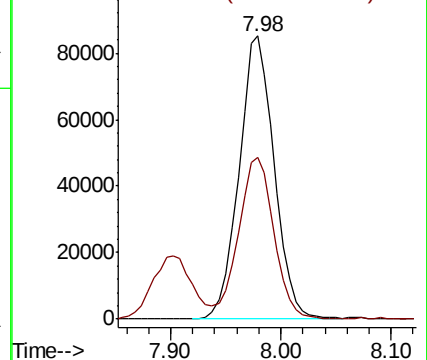
168 100

99 57.0 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.521 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065853.D

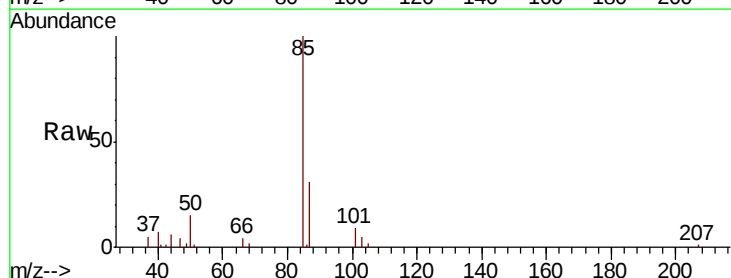
Acq: 23 Jun 2020 12:04

Tgt Ion: 85 Resp: 32713

Ion Ratio Lower Upper

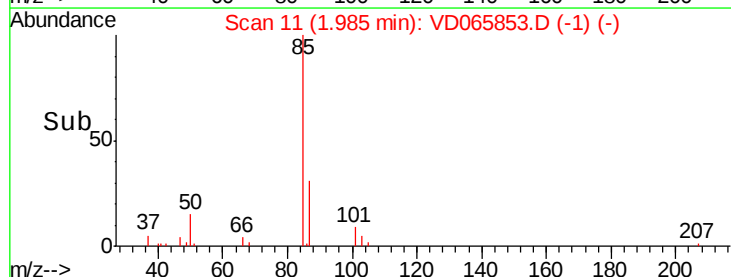
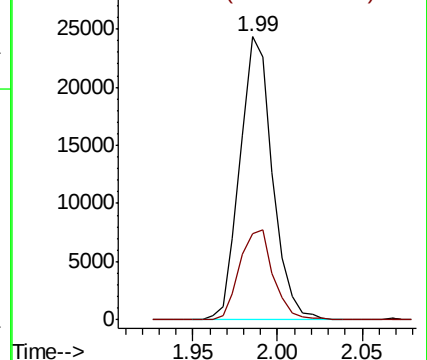
85 100

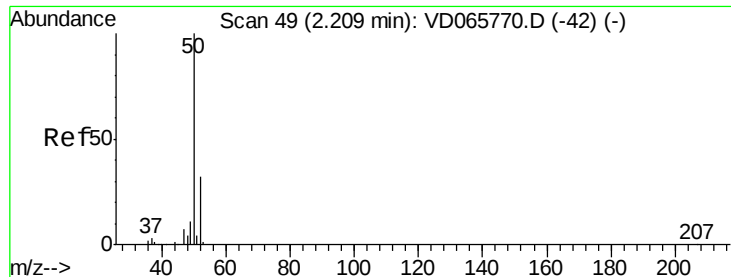
87 30.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

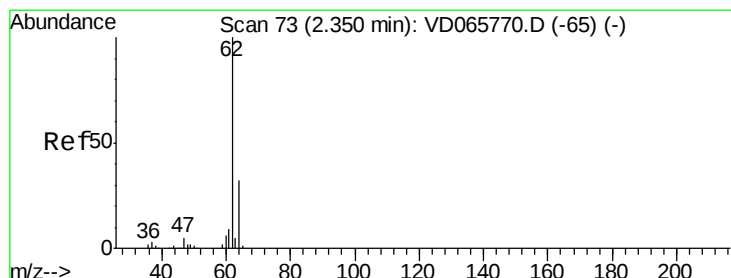
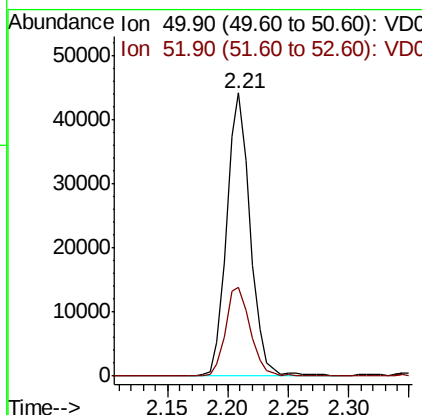
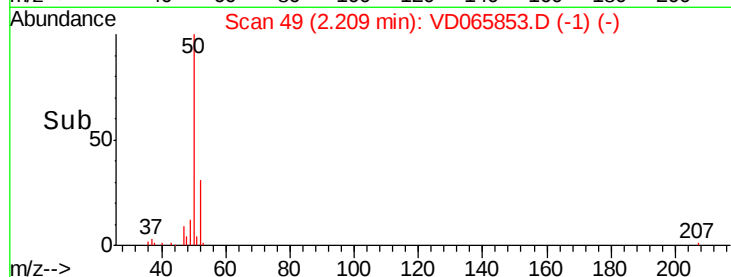
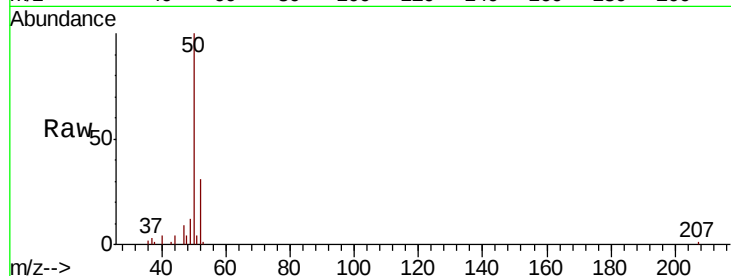




#3
Chloromethane
Concen: 25.314 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

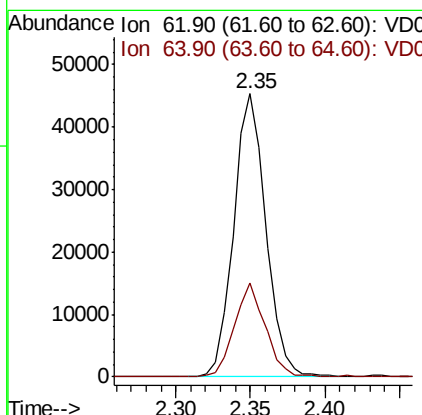
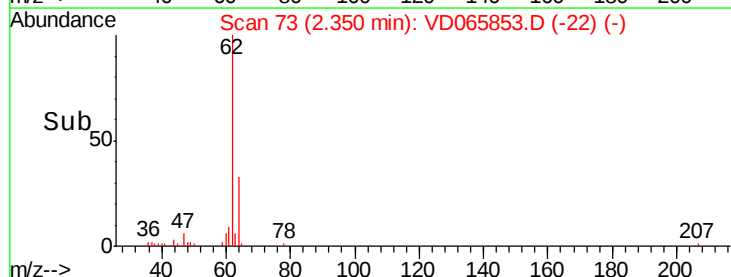
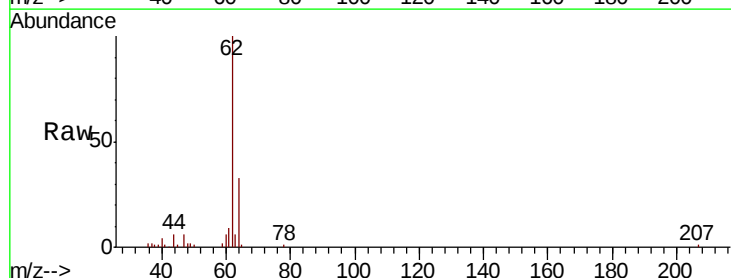
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

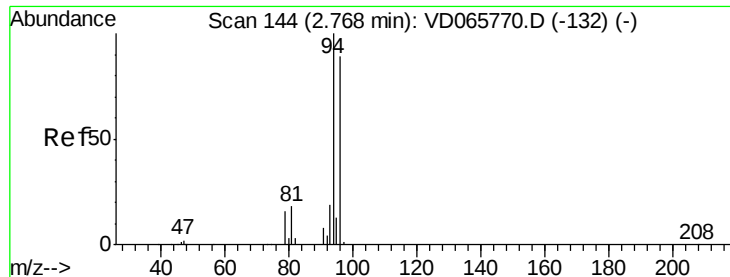
Tot Ion: 50 Resp: 59878
Ion Ratio Lower Upper
50 100
52 31.5 25.6 38.4



#4
Vinyl Chloride
Concen: 24.285 ug/l
RT: 2.35 min Scan# 73
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 62 Resp: 68044
Ion Ratio Lower Upper
62 100
64 33.3 25.3 37.9





#5

Bromomethane

Concen: 24.225 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

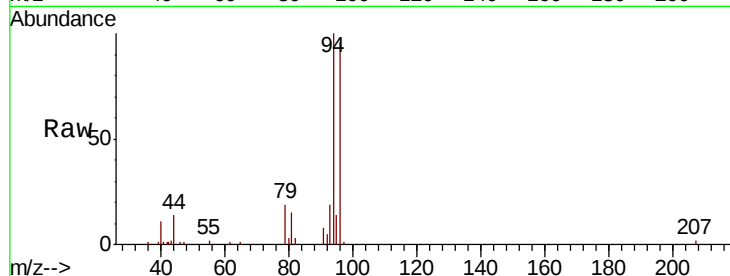
VD0623SBS01

Tot Ion: 94 Resp: 47468

Ion Ratio Lower Upper

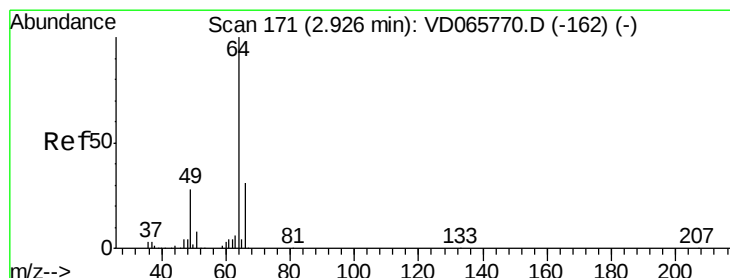
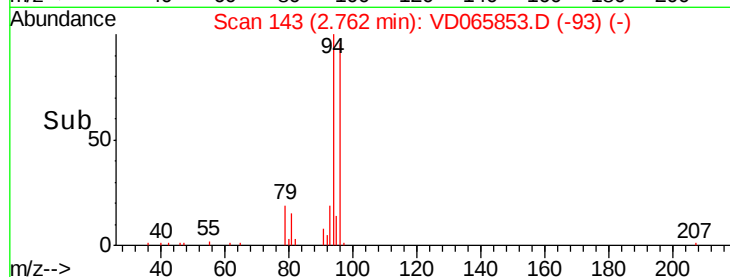
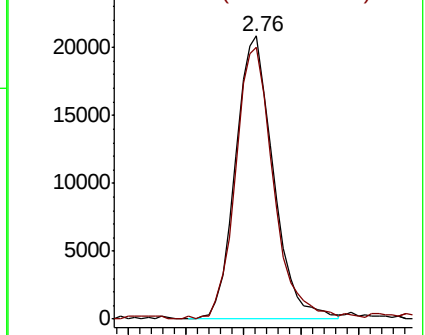
94 100

96 95.2 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 23.602 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065853.D

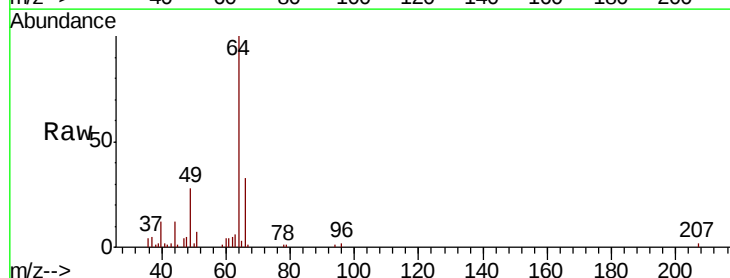
Acq: 23 Jun 2020 12:04

Tgt Ion: 64 Resp: 44715

Ion Ratio Lower Upper

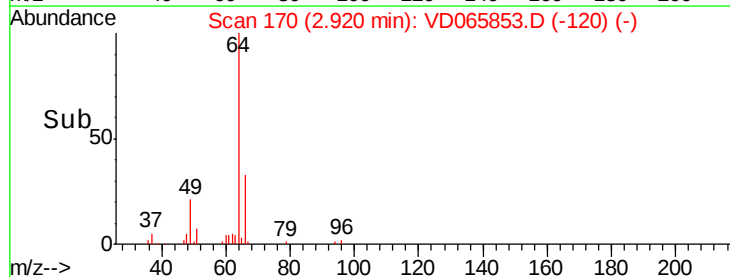
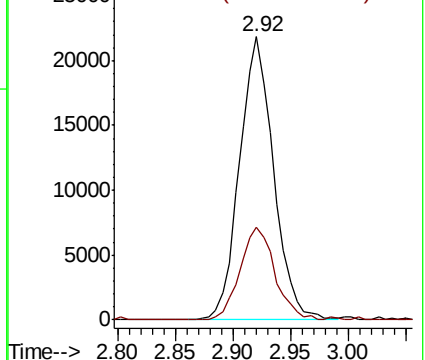
64 100

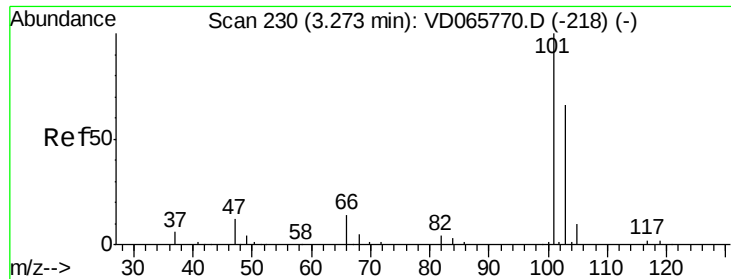
66 32.7 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



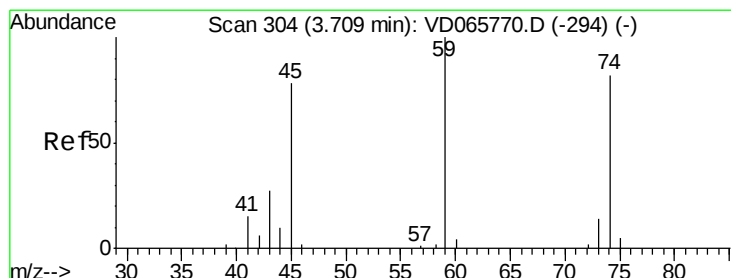
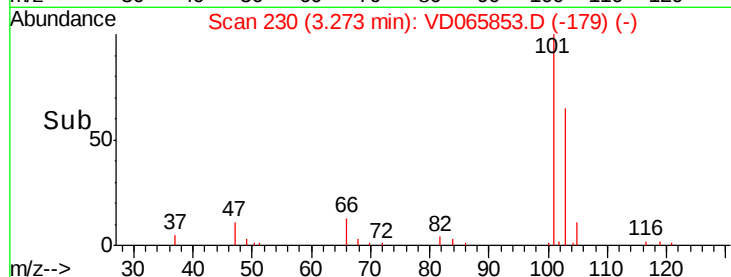
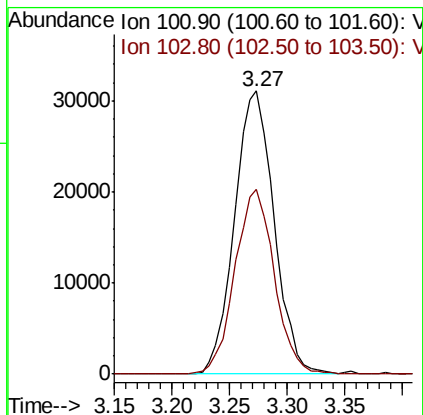
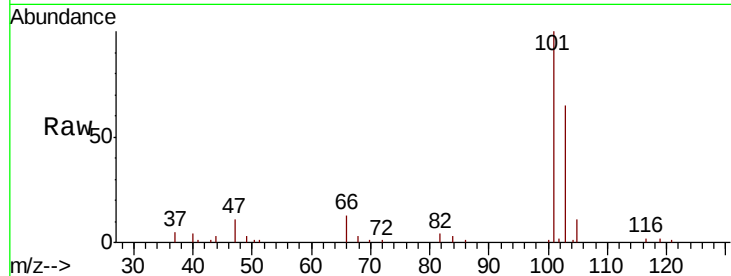


#7

Trichlorofluoromethane
 Concen: 23.330 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

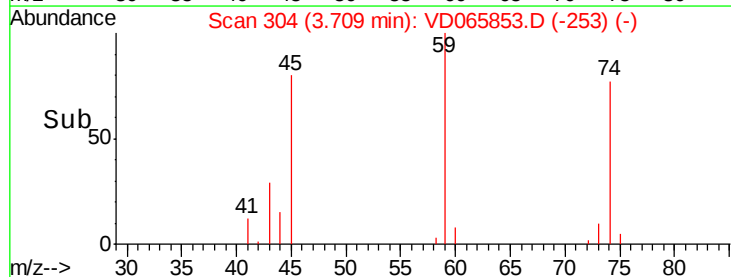
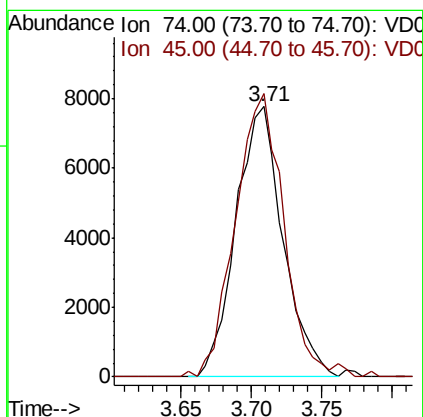
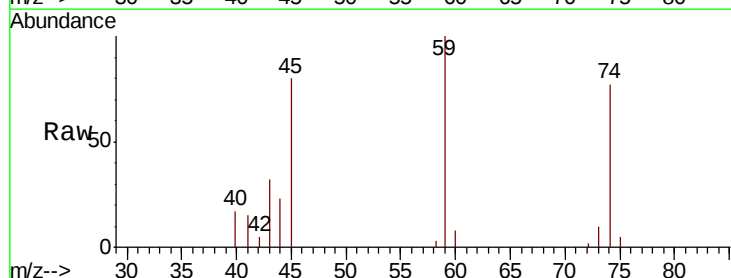
Tot Ion:101 Resp: 74061
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.1 79.7

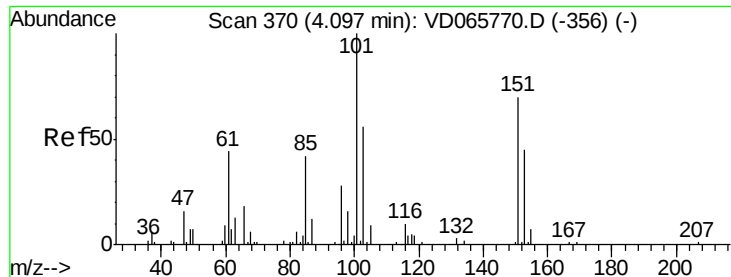


#8

Diethyl Ether
 Concen: 21.796 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion: 74 Resp: 18191
 Ion Ratio Lower Upper
 74 100
 45 107.4 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.960 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

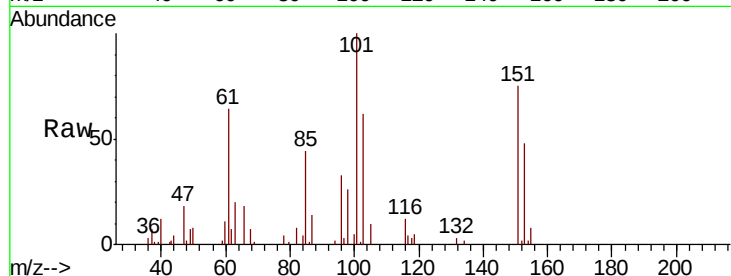
Tot Ion:101 Resp: 43462

Ion Ratio Lower Upper

101 100

85 46.9 36.5 54.7

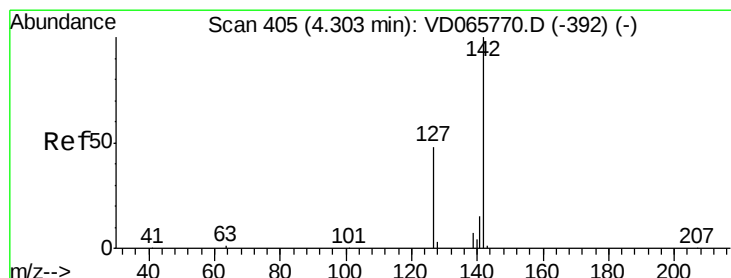
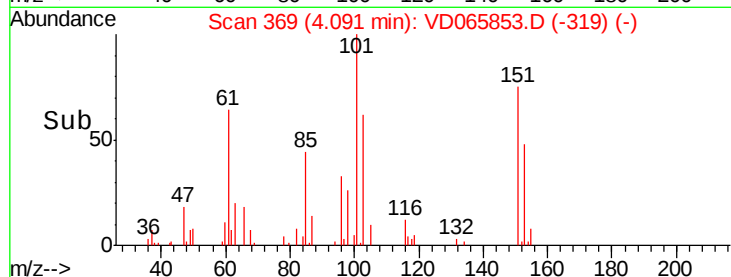
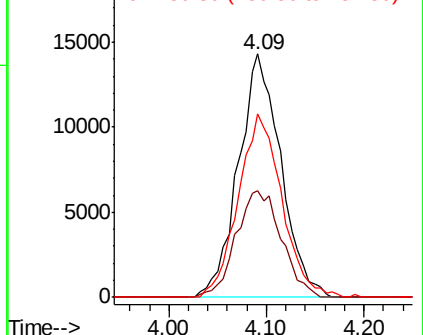
151 77.4 61.8 92.6



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: 20.791 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

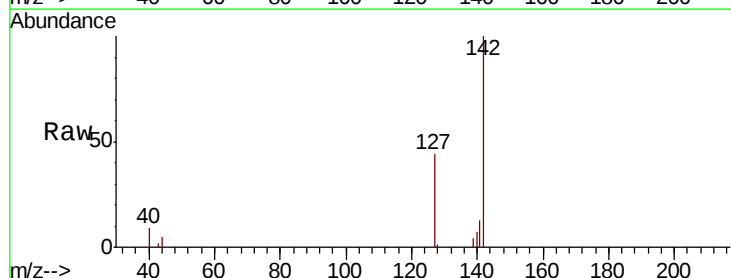
Tgt Ion:142 Resp: 38324

Ion Ratio Lower Upper

142 100

127 46.2 37.6 56.4

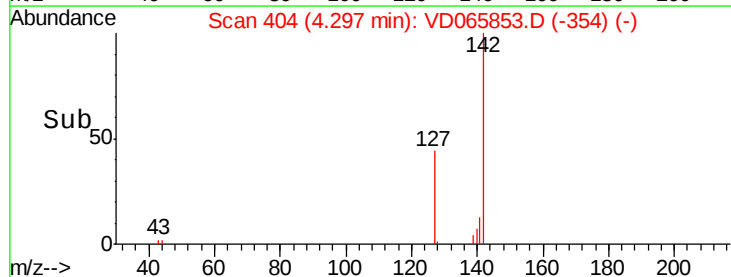
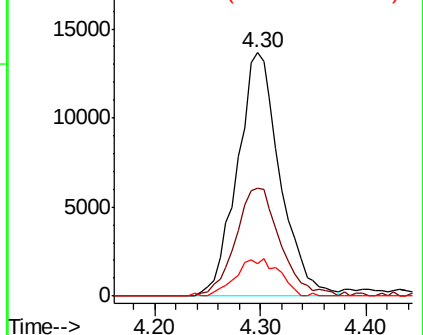
141 15.4 12.1 18.1

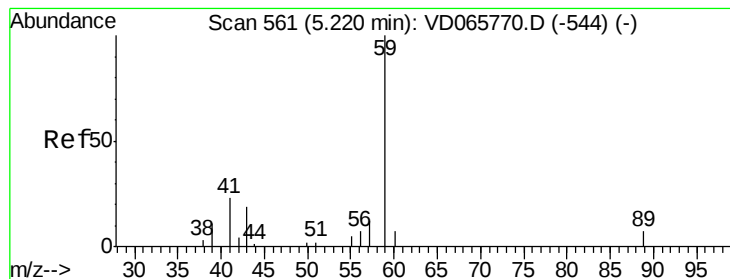


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 129.949 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

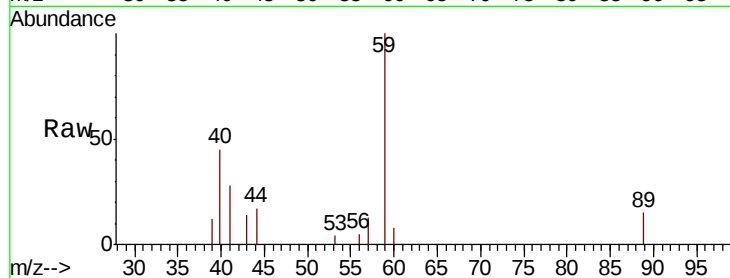
VD0623SBS01

Tot Ion: 59 Resp: 15466

Ion Ratio Lower Upper

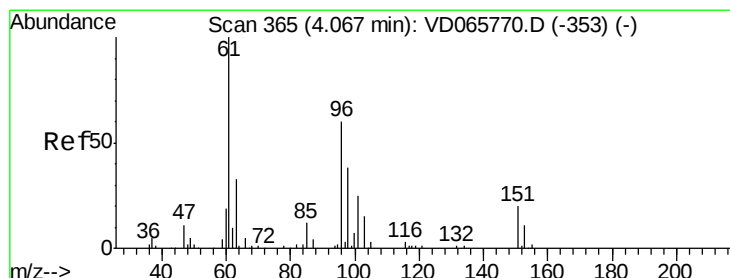
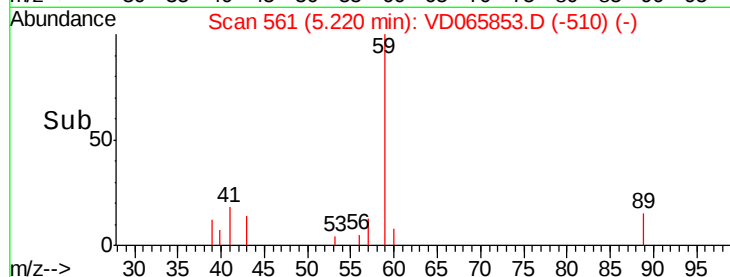
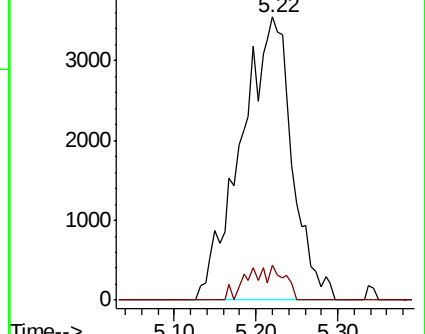
59 100

57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 23.209 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

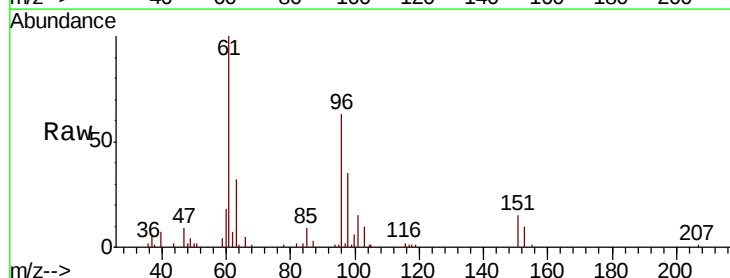
Tgt Ion: 96 Resp: 40041

Ion Ratio Lower Upper

96 100

61 158.7 132.3 198.5

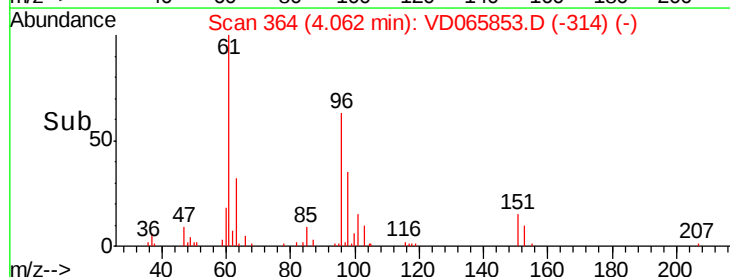
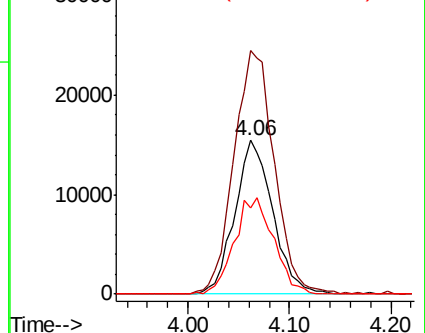
98 56.2 50.7 76.1

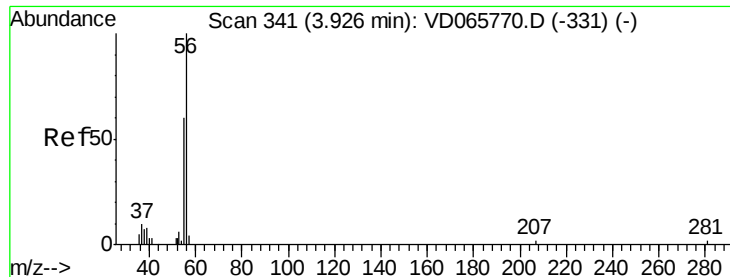


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 76.705 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

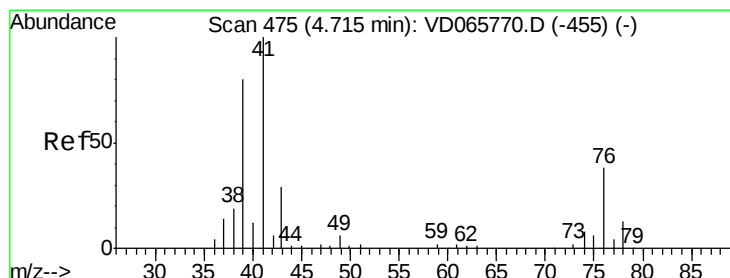
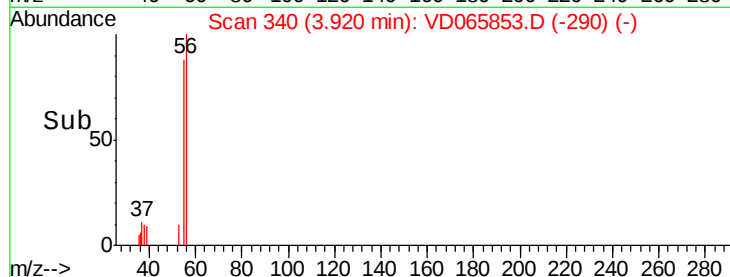
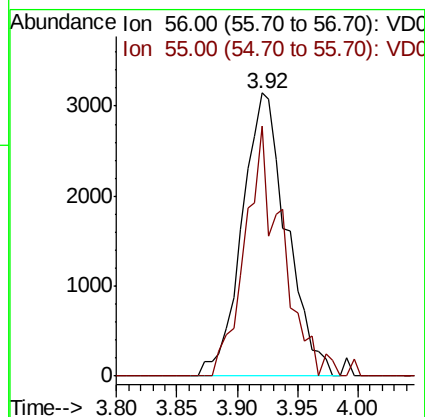
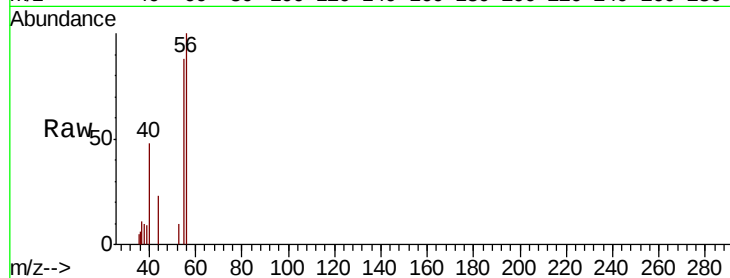
VD0623SBS01

Tot Ion: 56 Resp: 8085

Ion Ratio Lower Upper

56 100

55 73.8 54.8 82.2



#14

Allyl chloride

Concen: 22.611 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

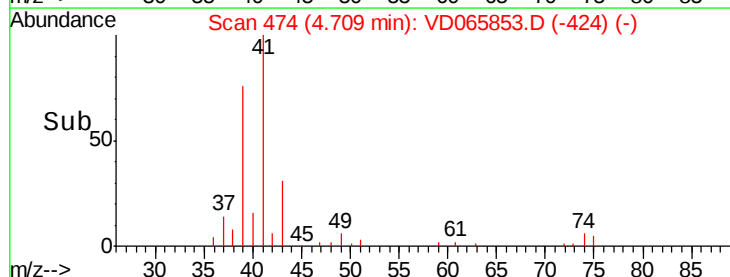
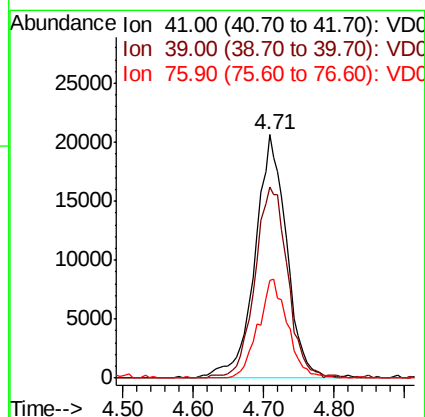
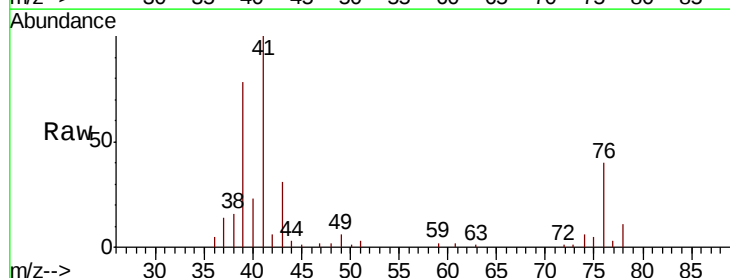
Tgt Ion: 41 Resp: 64476

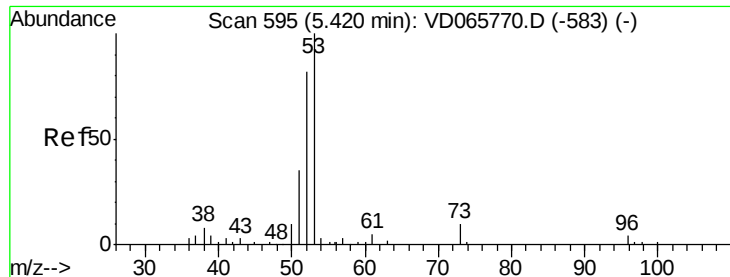
Ion Ratio Lower Upper

41 100

39 80.9 60.9 91.3

76 38.0 28.9 43.3





#15

Acrylonitrile

Concen: 115.222 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

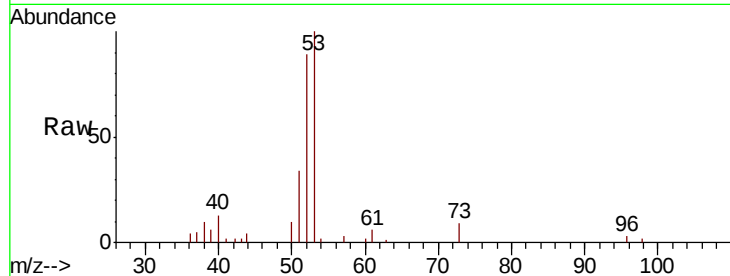
Tot Ion: 53 Resp: 43677

Ion Ratio Lower Upper

53 100

52 79.3 66.2 99.2

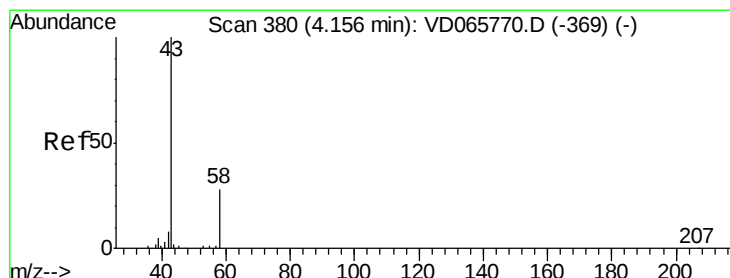
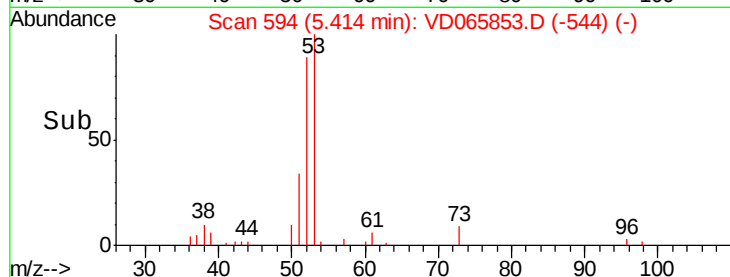
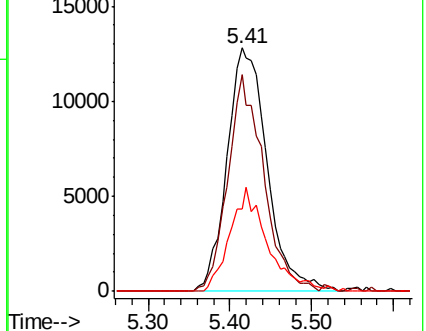
51 39.8 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 129.286 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065853.D

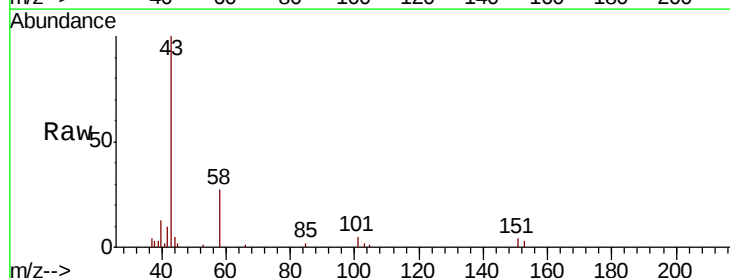
Acq: 23 Jun 2020 12:04

Tgt Ion: 43 Resp: 45765

Ion Ratio Lower Upper

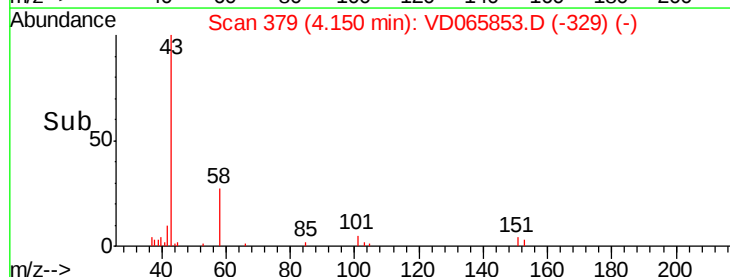
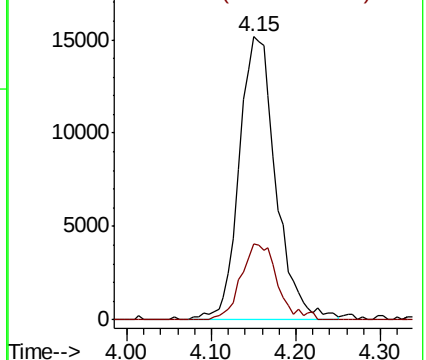
43 100

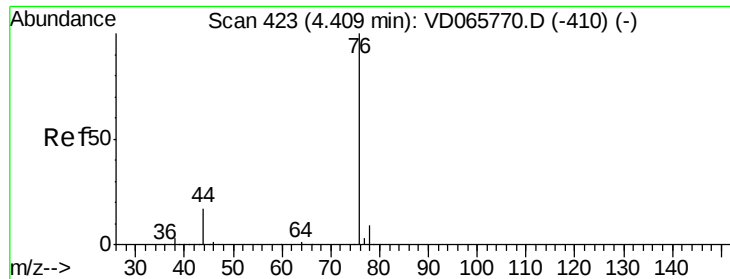
58 27.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

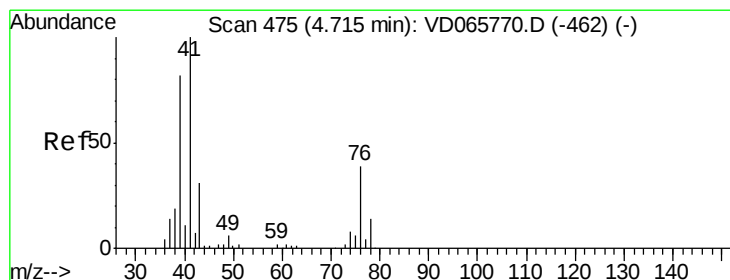
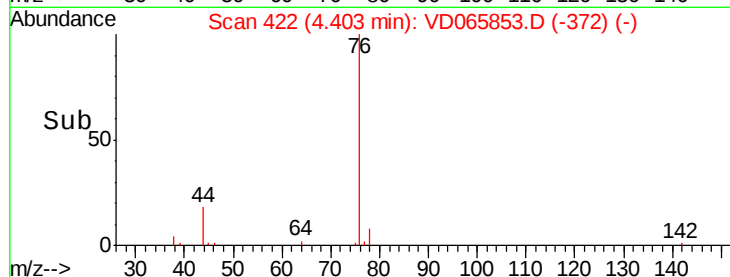
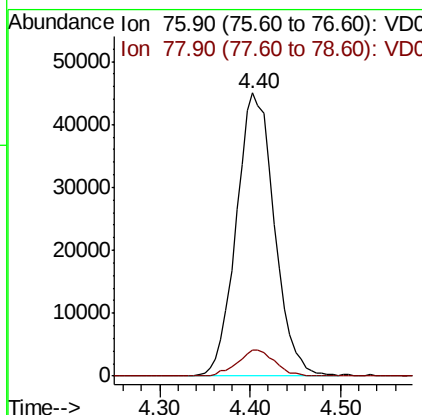
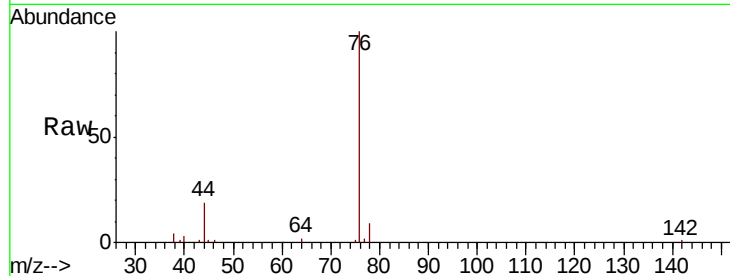




#17
Carbon Disulfide
Concen: 22.668 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

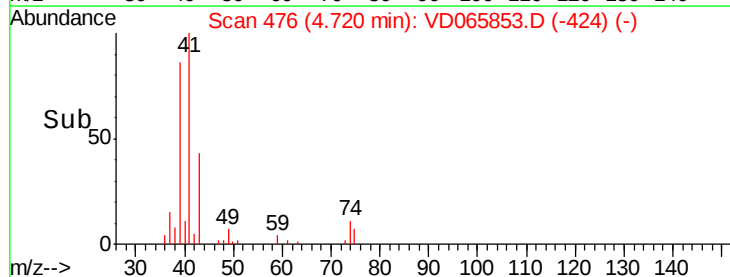
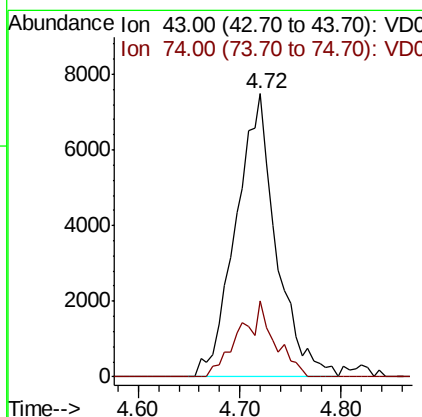
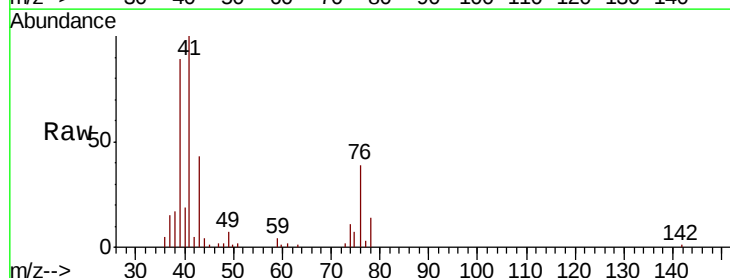
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

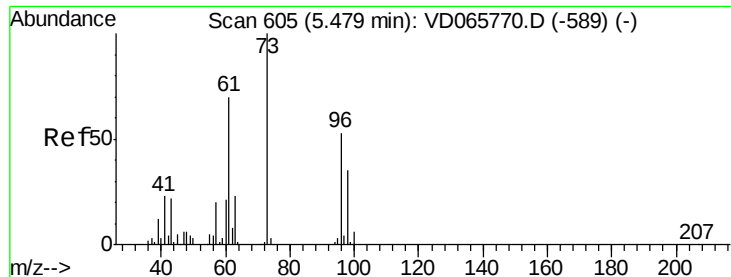
Tot Ion: 76 Resp: 131260
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 24.048 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 43 Resp: 20706
Ion Ratio Lower Upper
43 100
74 23.3 18.7 28.1



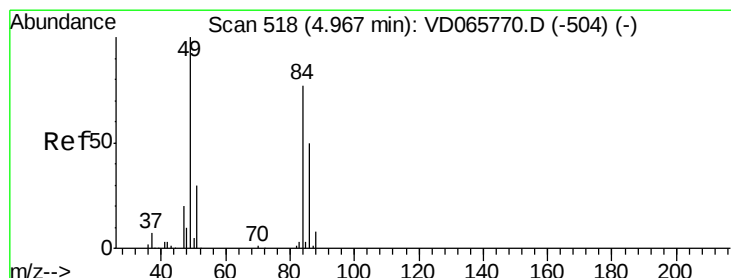
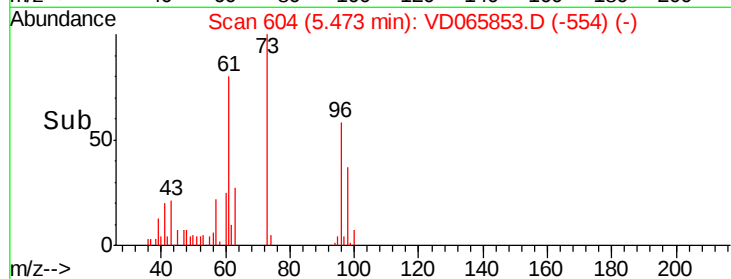
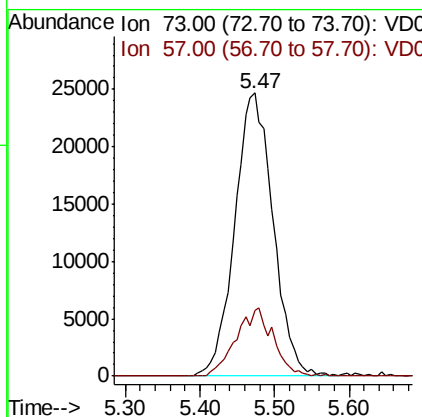
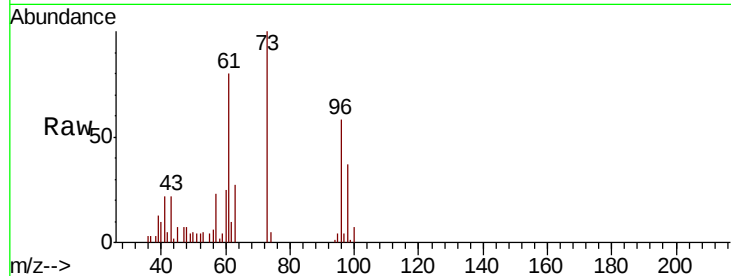


#19

Methyl tert-butyl Ether
 Concen: 22.508 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0623SBS01

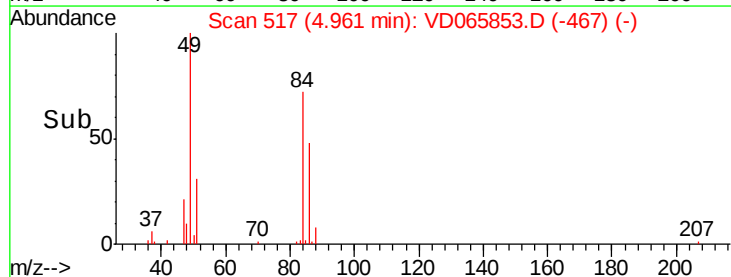
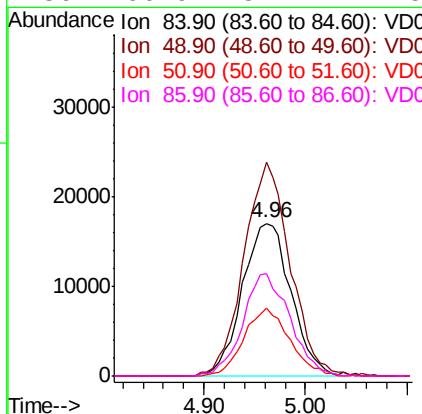
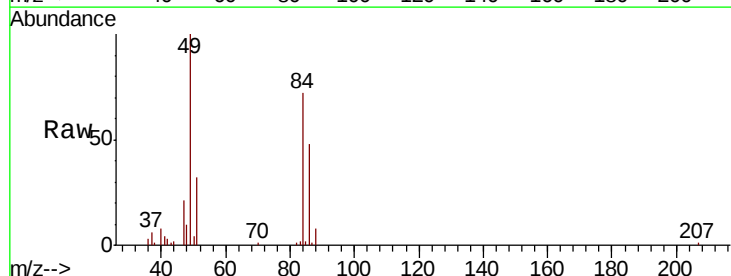
Tot Ion: 73 Resp: 87957
 Ion Ratio Lower Upper
 73 100
 57 23.1 16.2 24.2

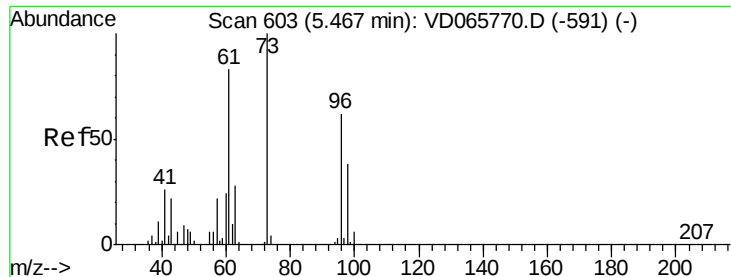


#20

Methylene Chloride
 Concen: 28.178 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion: 84 Resp: 56622
 Ion Ratio Lower Upper
 84 100
 49 139.7 103.4 155.0
 51 44.5 31.4 47.2
 86 66.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 22.865 ug/l

RT: 5.46 min Scan# 601

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

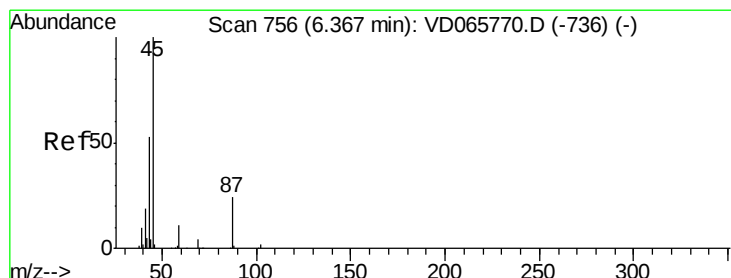
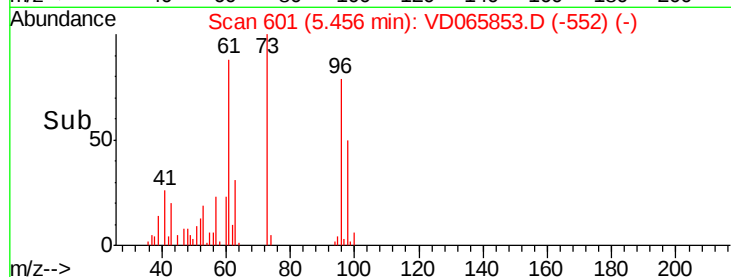
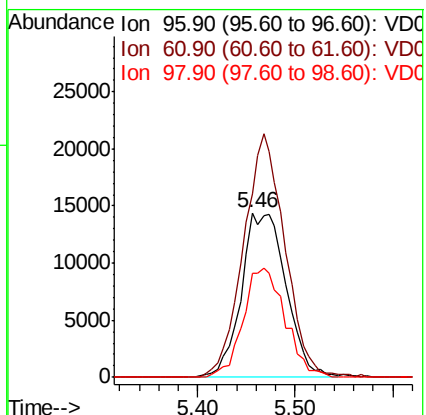
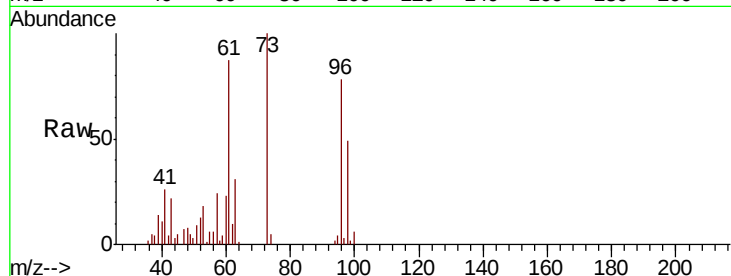
Tot Ion: 96 Resp: 46198

Ion Ratio Lower Upper

96 100

61 111.8 107.7 161.5

98 63.2 49.3 73.9



#22

Diisopropyl ether

Concen: 22.731 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Tgt Ion: 45 Resp: 130963

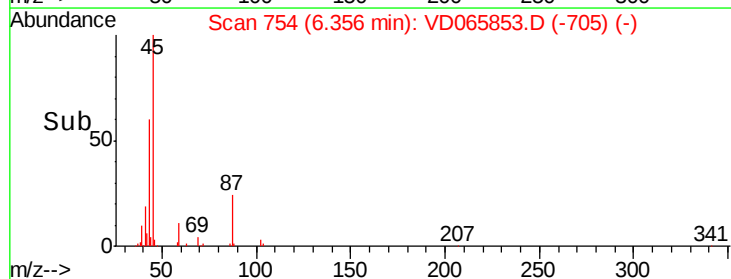
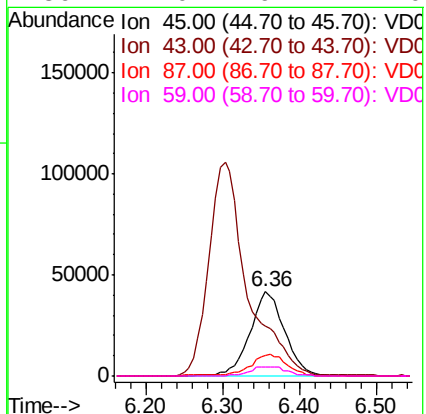
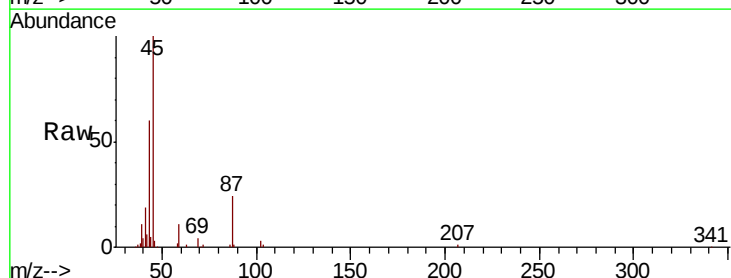
Ion Ratio Lower Upper

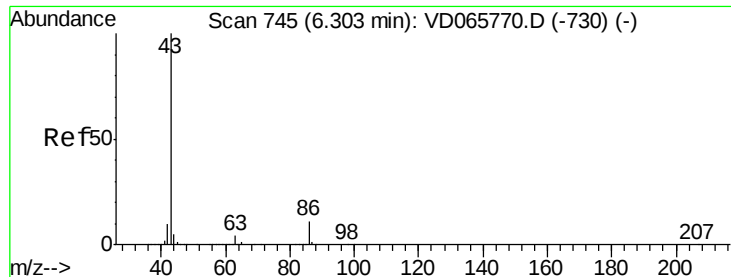
45 100

43 57.9 43.4 65.0

87 24.5 20.2 30.4

59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 112.828 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

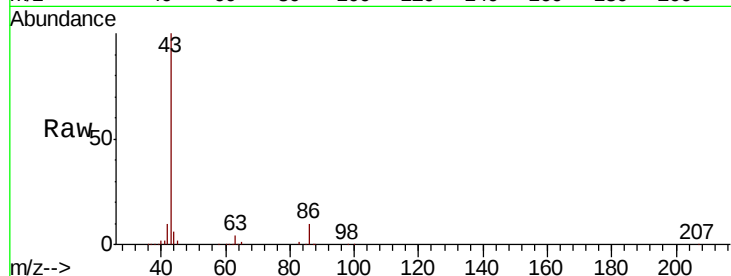
VD0623SBS01

Tot Ion: 43 Resp: 367081

Ion Ratio Lower Upper

43 100

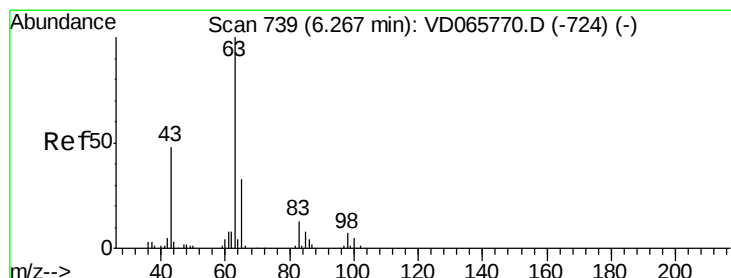
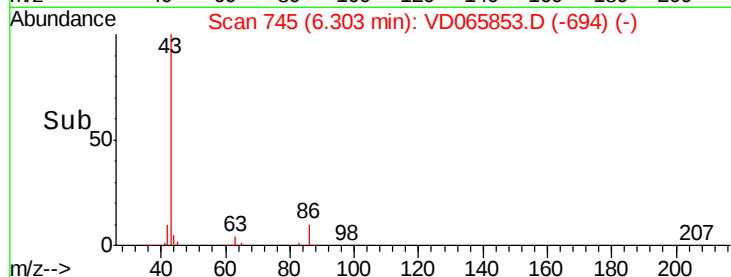
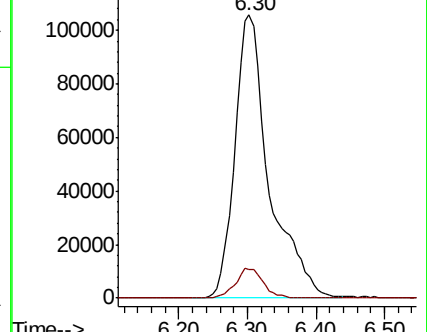
86 9.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30



#24

1,1-Dichloroethane

Concen: 22.775 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

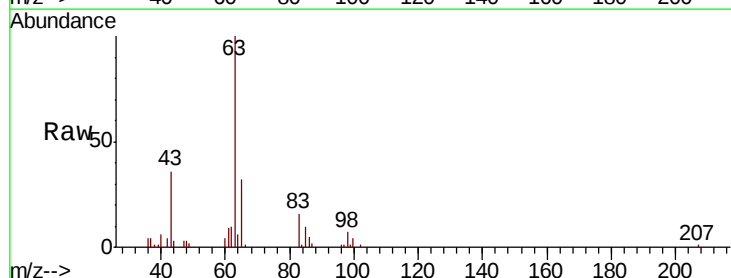
Tgt Ion: 63 Resp: 79952

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

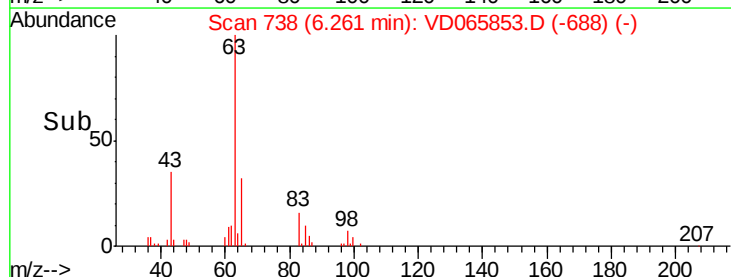
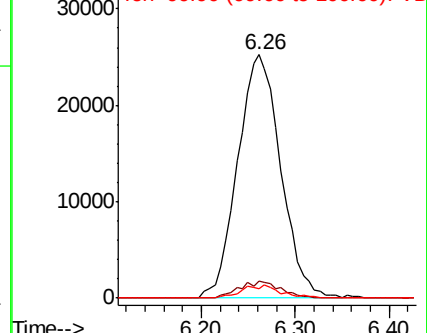
100 3.8 2.3 6.9

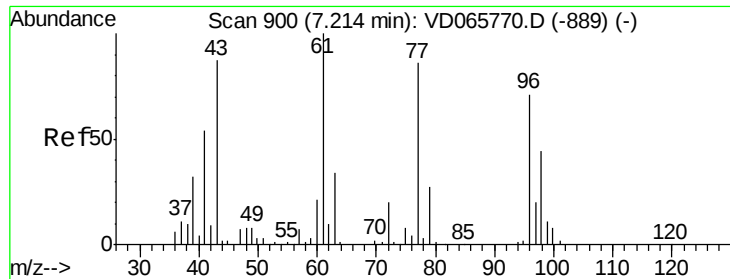


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

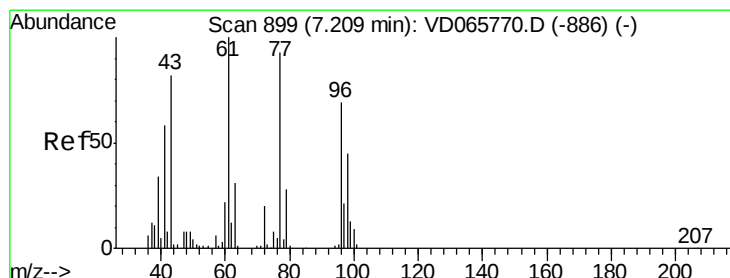
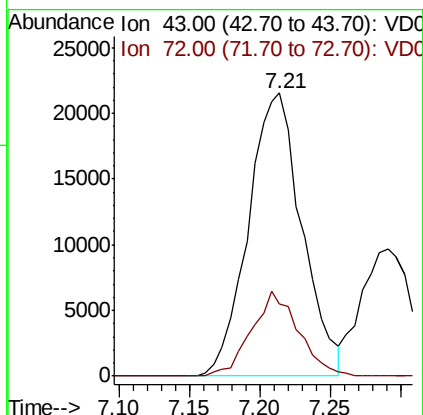
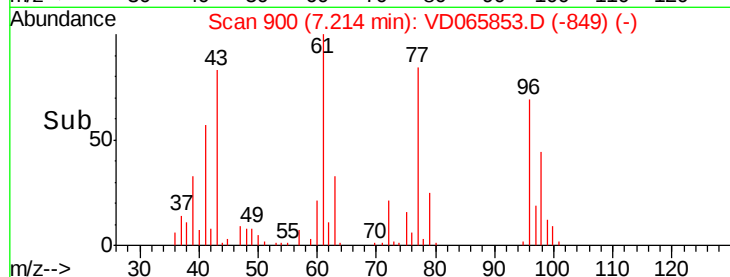
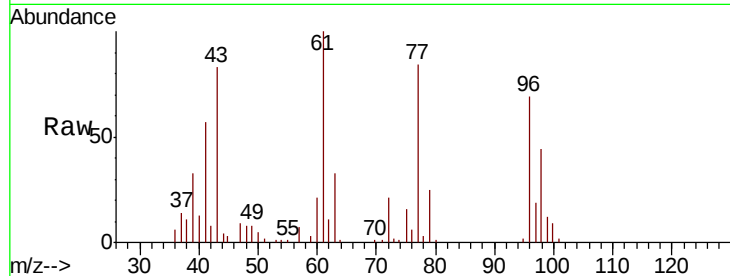




#25
2-Butanone
Concen: 117.350 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

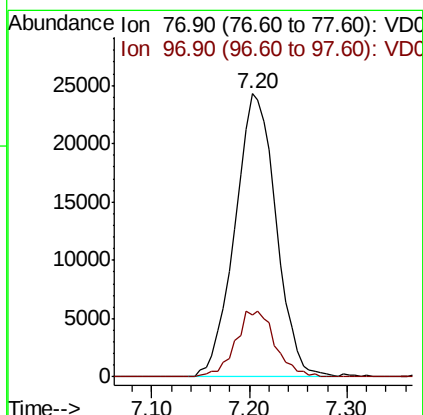
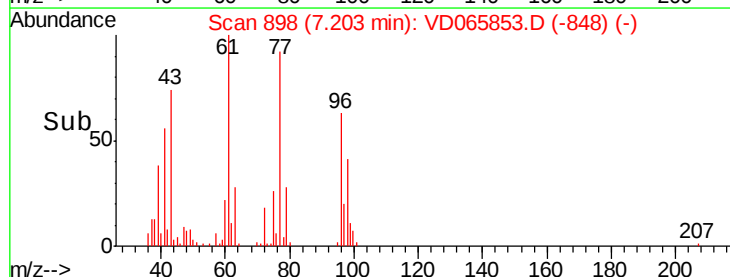
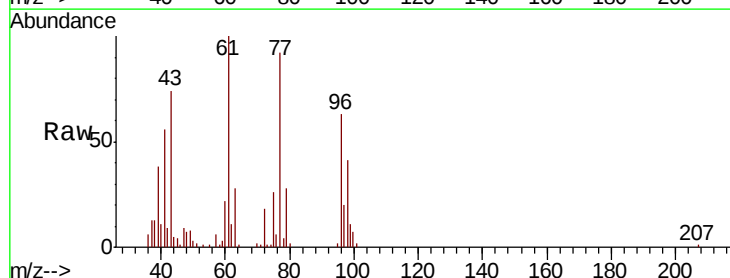
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

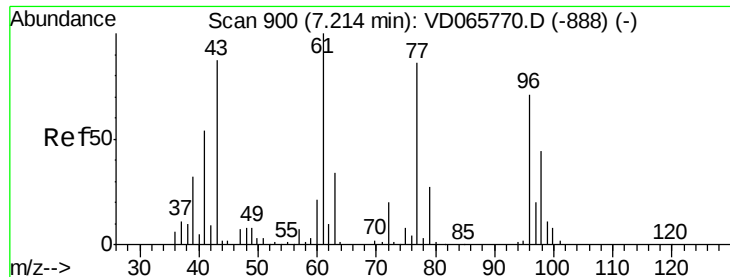
Tot Ion: 43 Resp: 57369
Ion Ratio Lower Upper
43 100
72 25.7 18.5 27.7



#26
2,2-Dichloropropane
Concen: 23.031 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 77 Resp: 71688
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.7



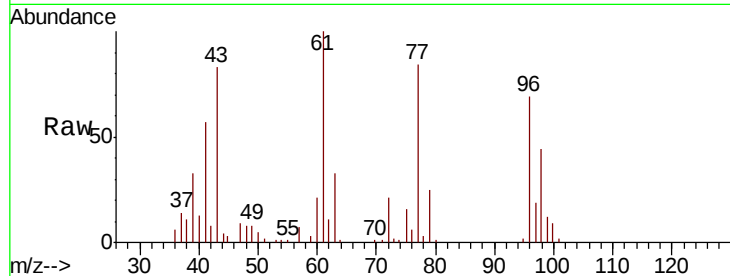


#27

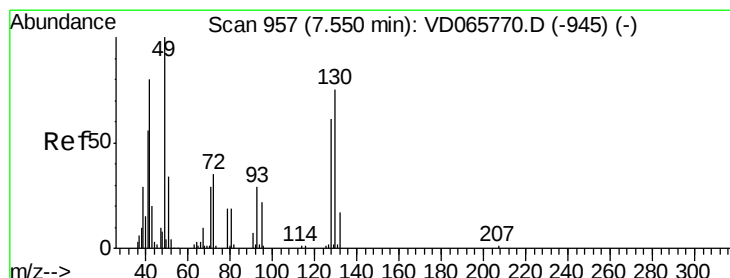
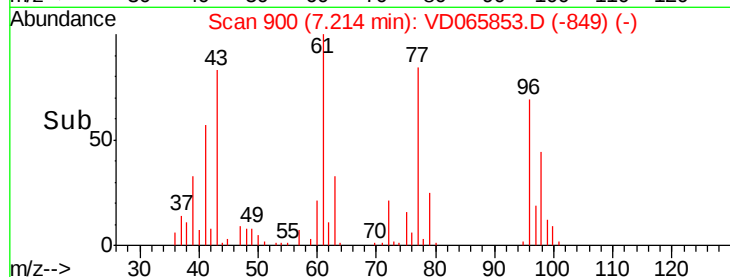
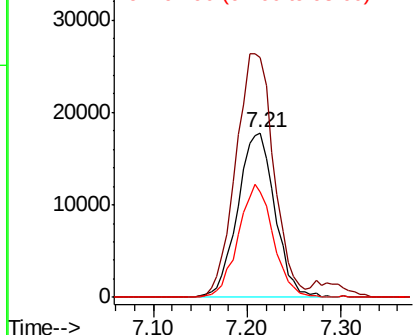
cis-1,2-Dichloroethene
Concen: 22.455 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 96 Resp: 48803
Ion Ratio Lower Upper
96 100
61 151.6 0.0 291.2
98 64.4 0.0 128.8



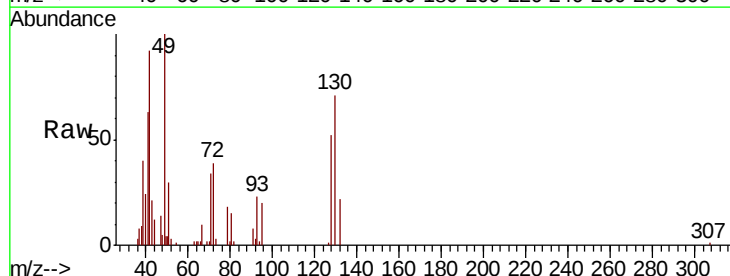
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



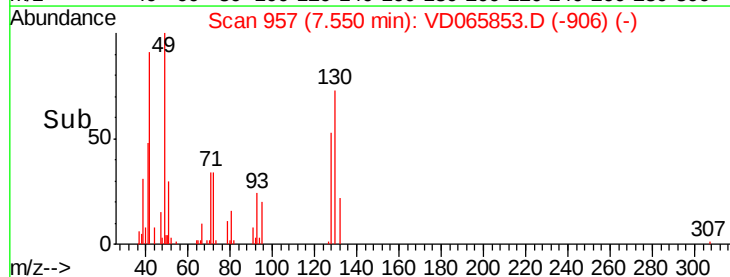
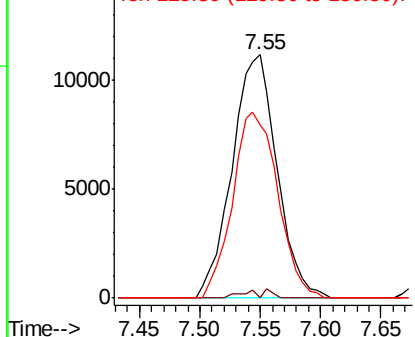
#28

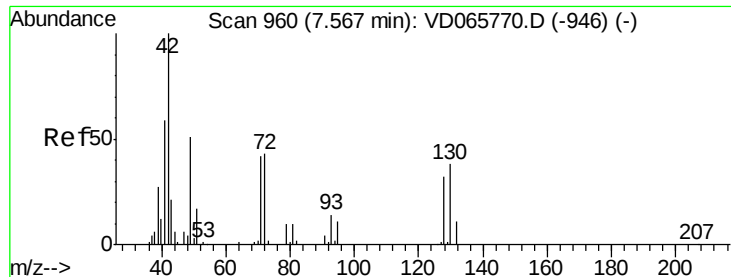
Bromochloromethane
Concen: 21.340 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 49 Resp: 28934
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.6
130 76.7 59.5 89.3



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

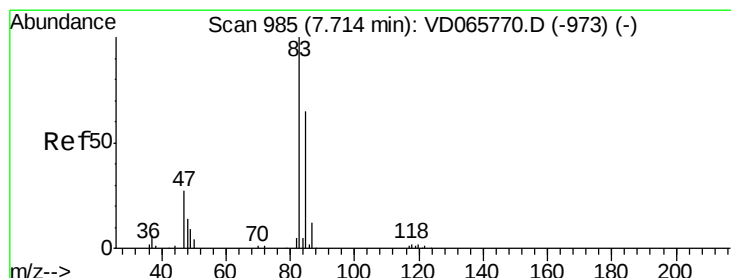
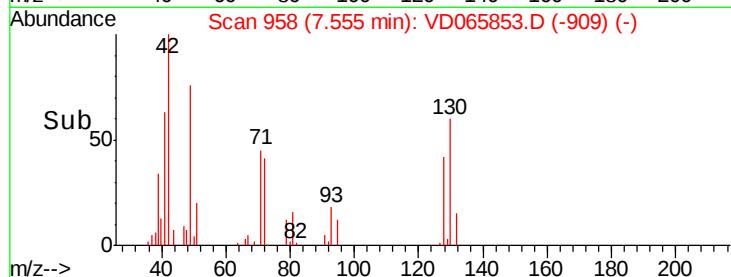
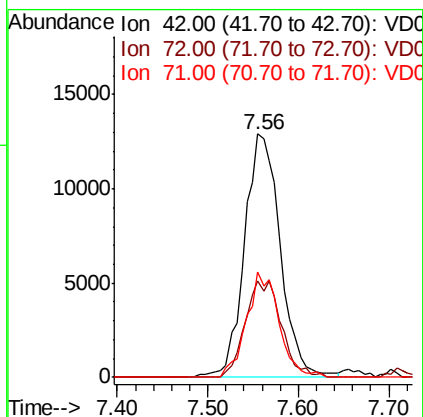
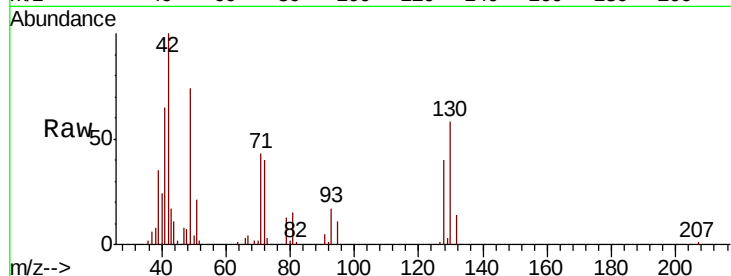




#29
Tetrahydrofuran
Concen: 114.776 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

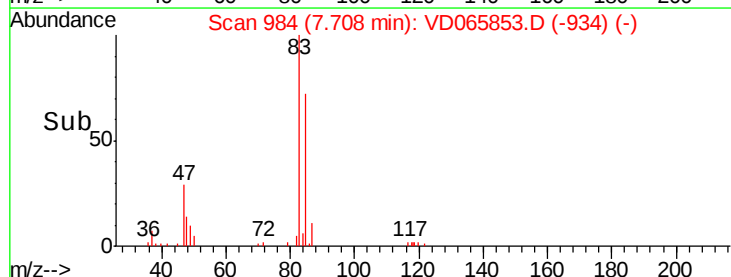
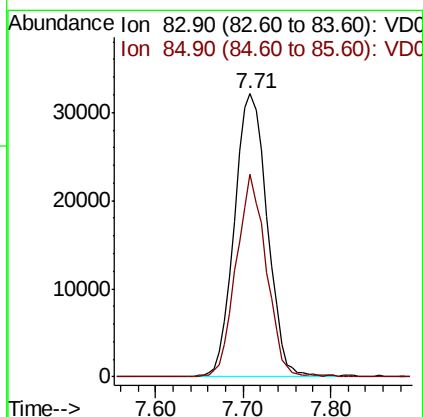
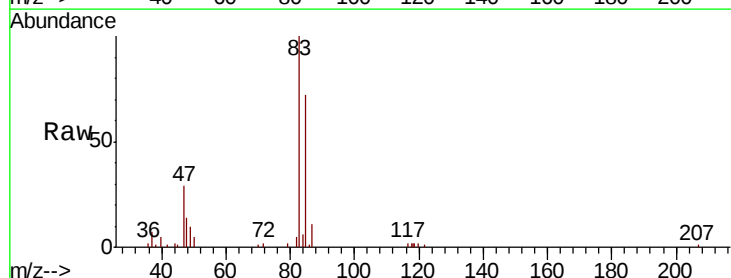
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

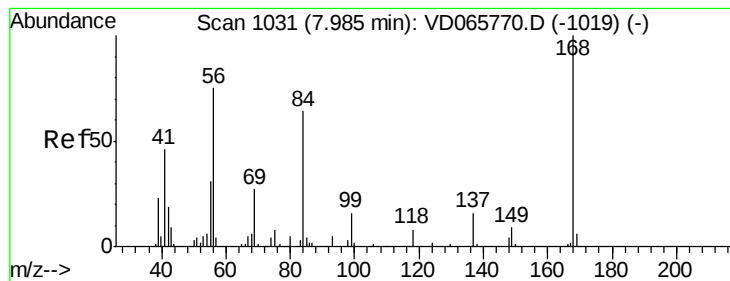
Tot Ion: 42 Resp: 35463
Ion Ratio Lower Upper
42 100
72 40.2 34.9 52.3
71 39.1 31.2 46.8



#30
Chloroform
Concen: 22.436 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 83 Resp: 81638
Ion Ratio Lower Upper
83 100
85 71.6 51.9 77.9





#31

Cyclohexane

Concen: 22.662 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

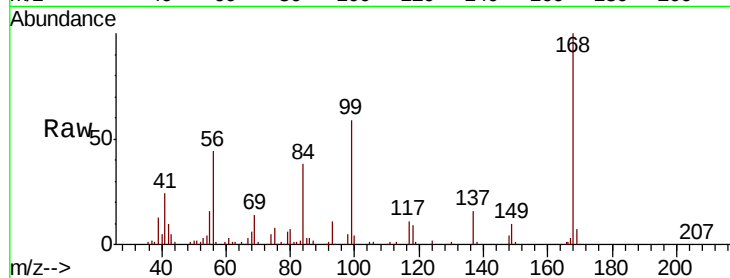
Tot Ion: 56 Resp: 76265

Ion Ratio Lower Upper

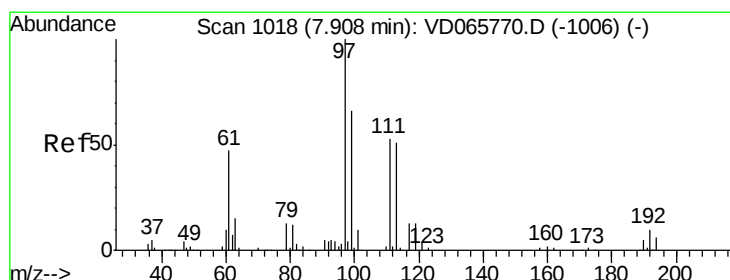
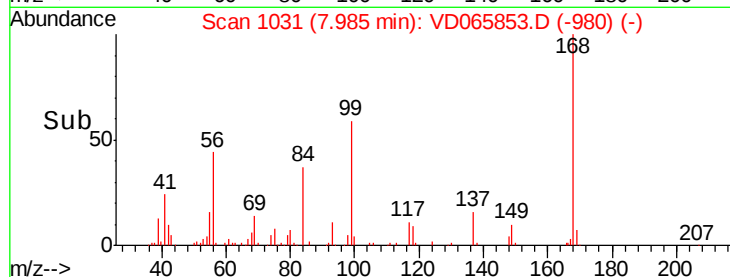
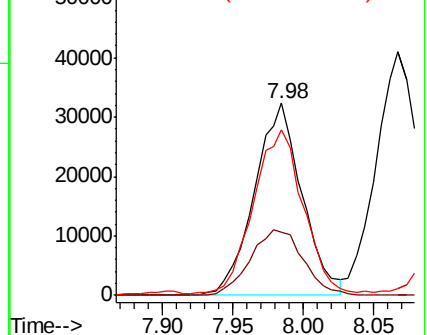
56 100

69 32.8 28.5 42.7

84 85.2 68.4 102.6



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



#32

1,1,1-Trichloroethane

Concen: 22.902 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

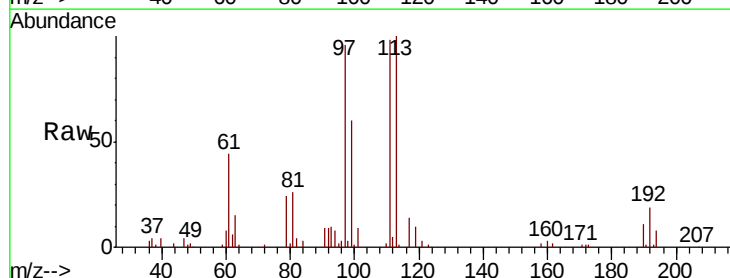
Tgt Ion: 97 Resp: 76626

Ion Ratio Lower Upper

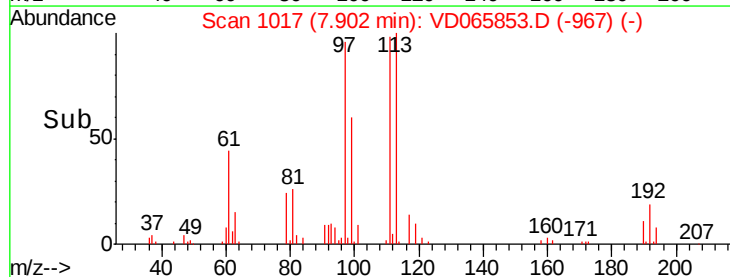
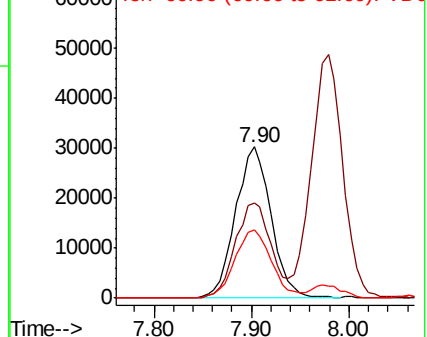
97 100

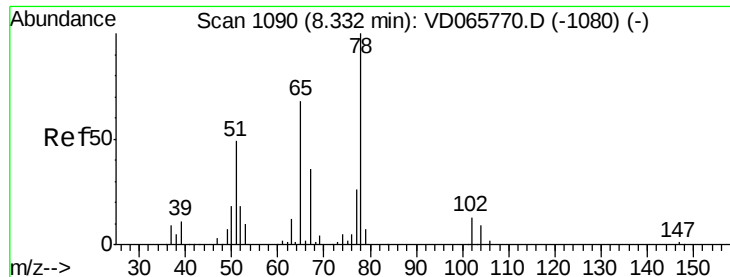
99 63.5 49.2 73.8

61 46.9 36.0 54.0



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





#33

1,2-Dichloroethane-d4

Concen: 53.432 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

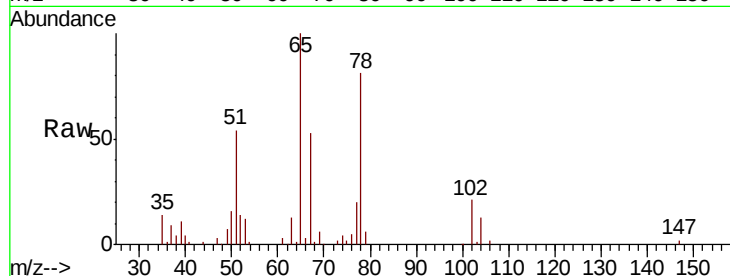
VD0623SBS01

Tot Ion: 65 Resp: 100270

Ion Ratio Lower Upper

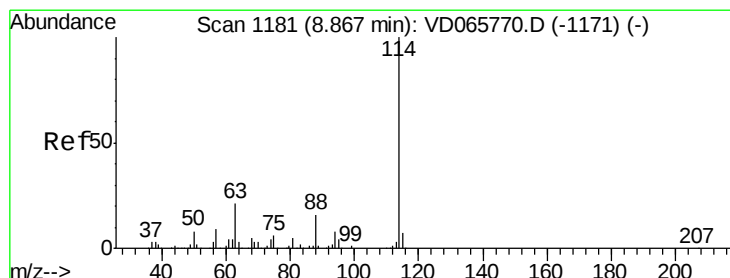
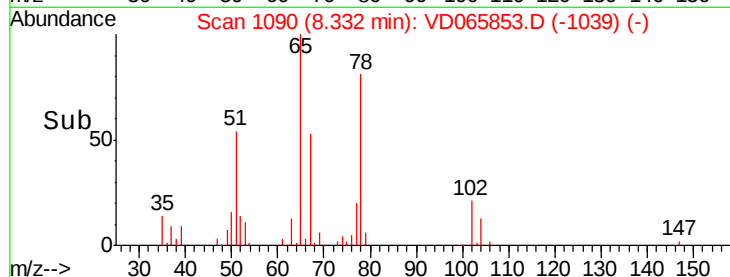
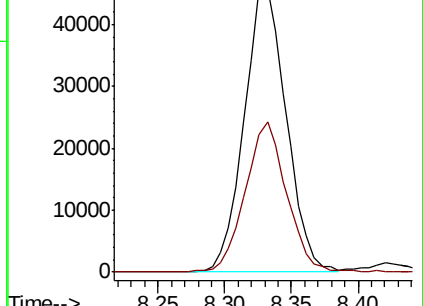
65 100

67 51.8 0.0 103.6



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. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

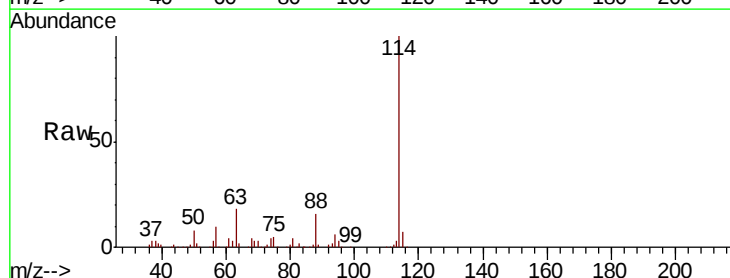
Tgt Ion: 114 Resp: 302577

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.8

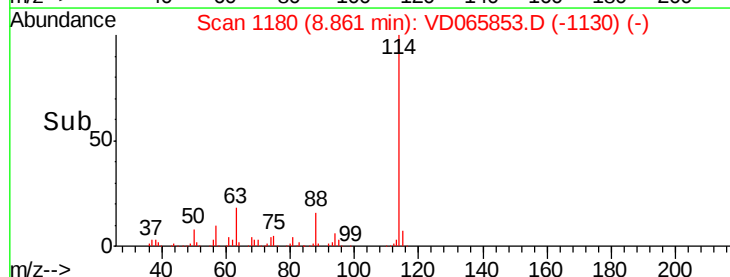
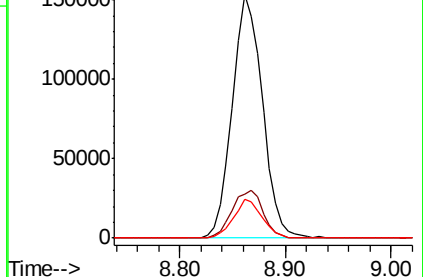
88 15.9 0.0 32.0

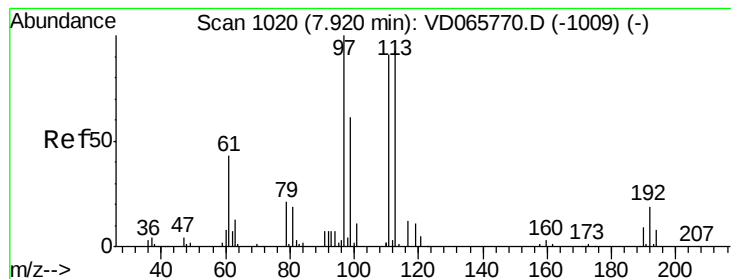


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.558 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

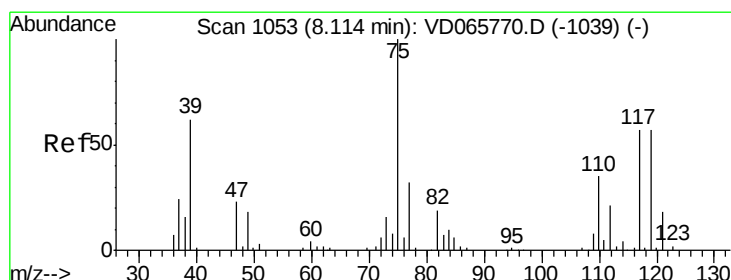
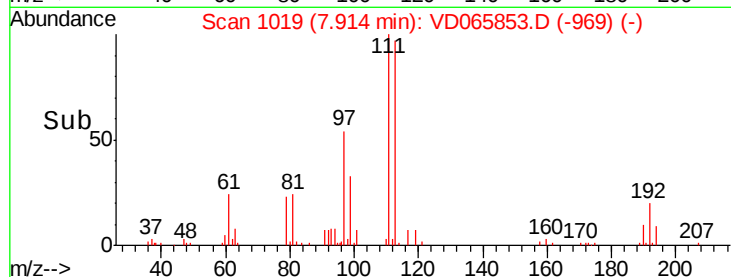
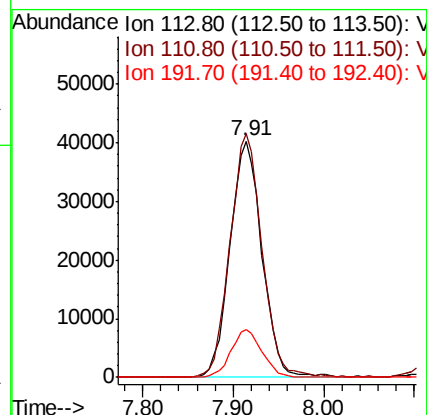
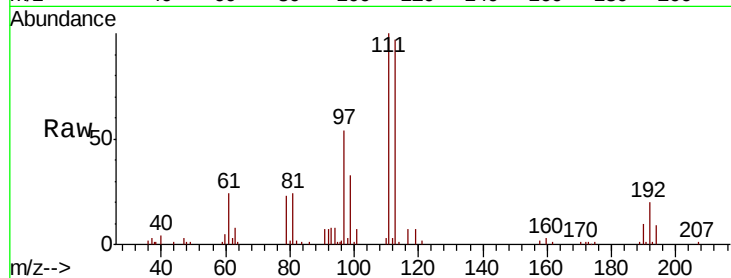
Tot Ion:113 Resp: 98540

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.0

192 19.4 15.7 23.5



#36

1,1-Dichloropropene

Concen: 22.496 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

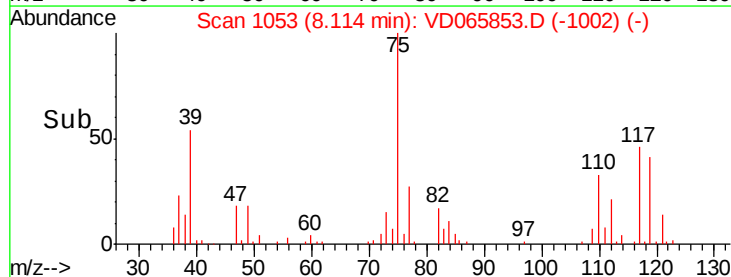
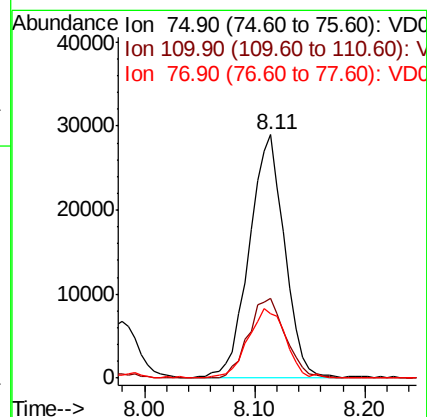
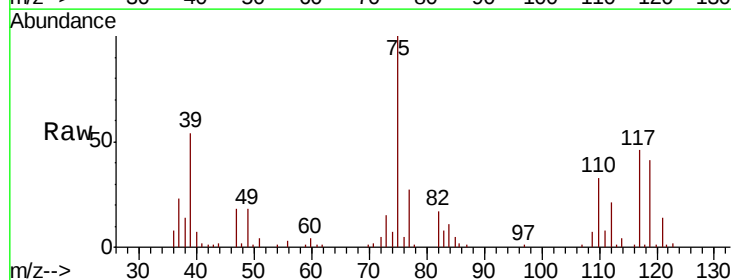
Tgt Ion: 75 Resp: 65205

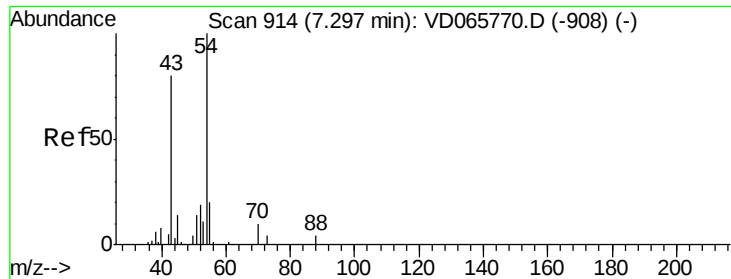
Ion Ratio Lower Upper

75 100

110 34.4 17.6 52.8

77 30.5 25.1 37.7

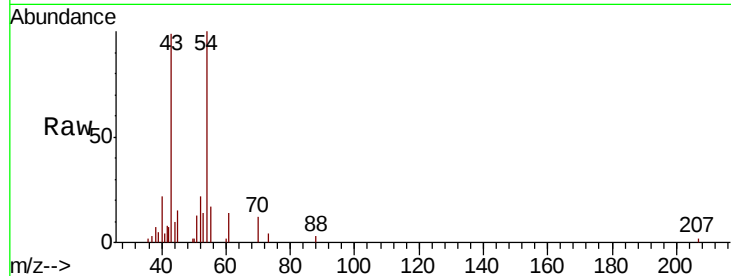




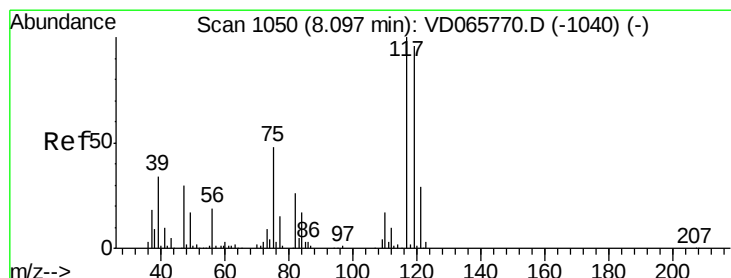
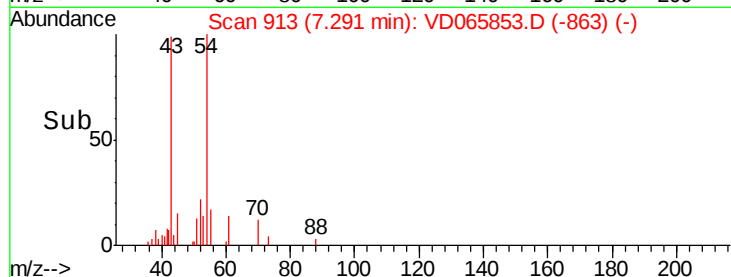
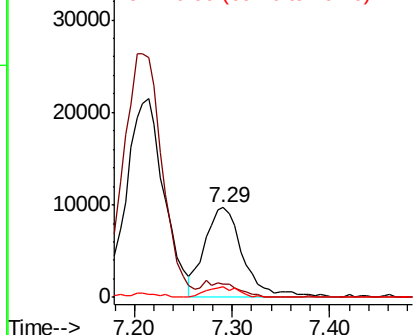
#37
Ethyl Acetate
Concen: 23.324 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 43 Resp: 26628
Ion Ratio Lower Upper
43 100
61 15.4 10.6 15.8
70 9.5 7.5 11.3

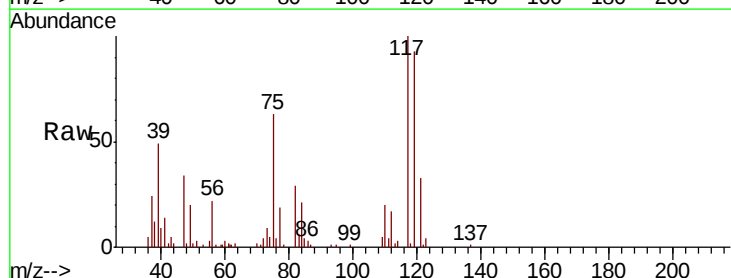


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

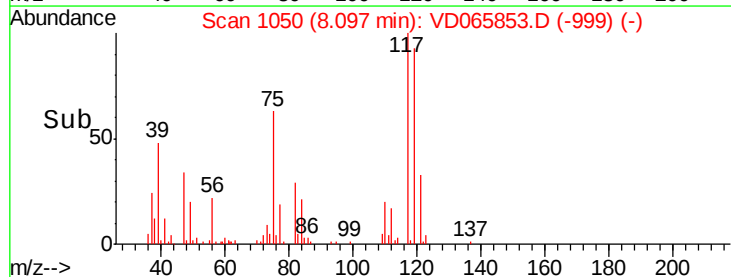
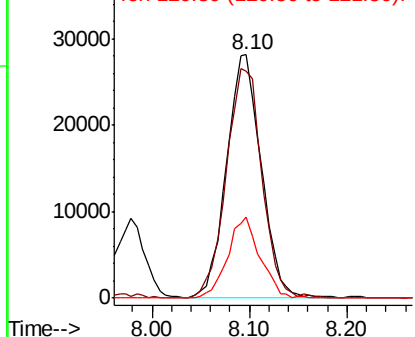


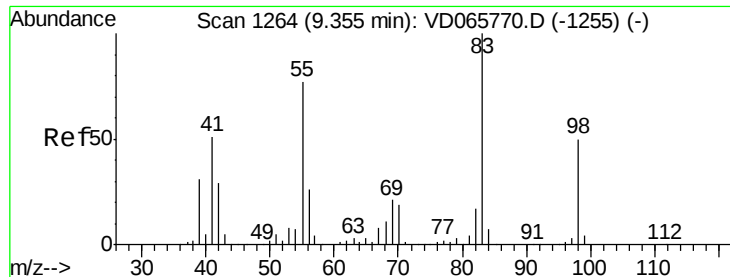
#38
Carbon Tetrachloride
Concen: 22.813 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 117 Resp: 69588
Ion Ratio Lower Upper
117 100
119 93.5 76.8 115.2
121 33.2 23.4 35.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

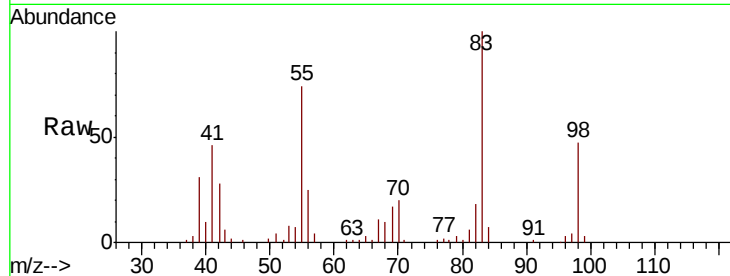




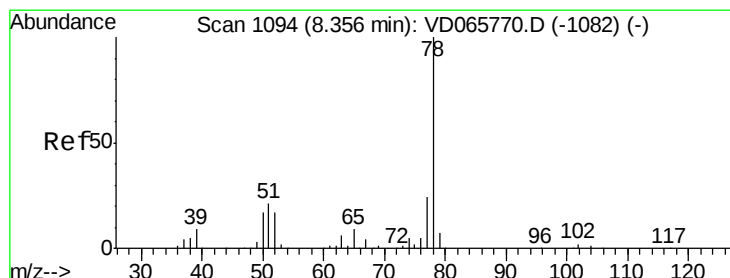
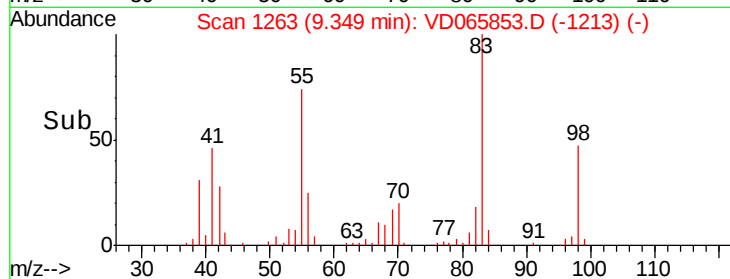
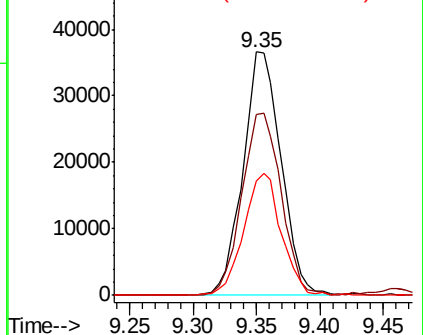
#39
Methylvlcyclohexane
Concen: 22.326 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 83 Resp: 76618
Ion Ratio Lower Upper
83 100
55 74.4 61.6 92.4
98 47.2 40.2 60.2

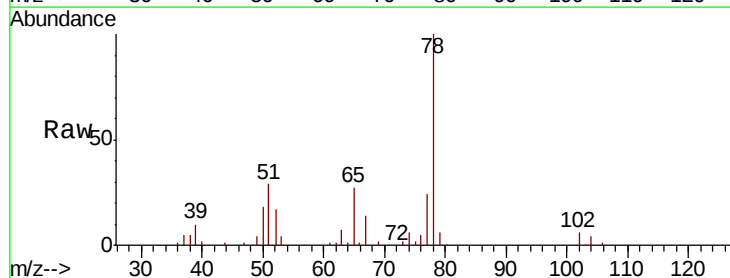


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

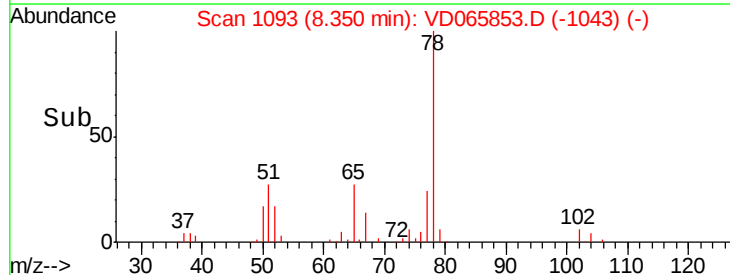
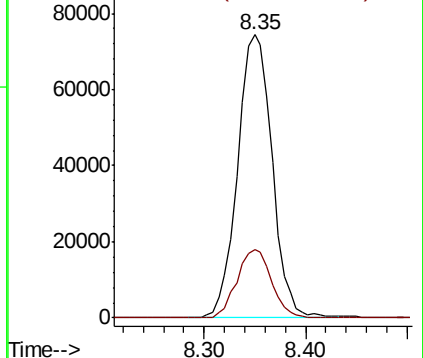


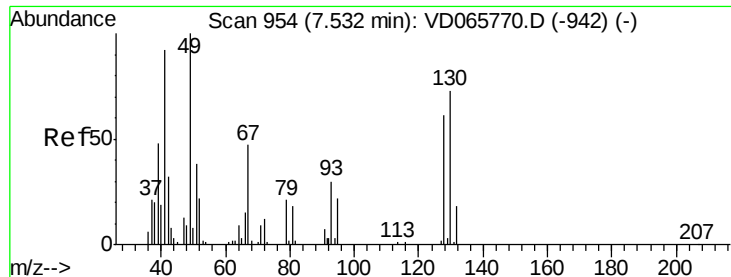
#40
Benzene
Concen: 22.120 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 78 Resp: 175280
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

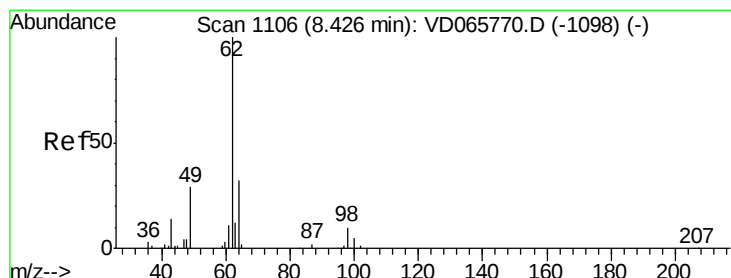
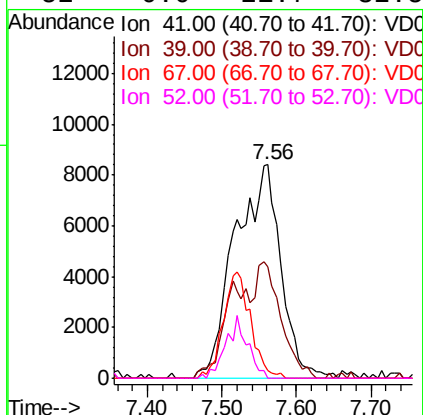
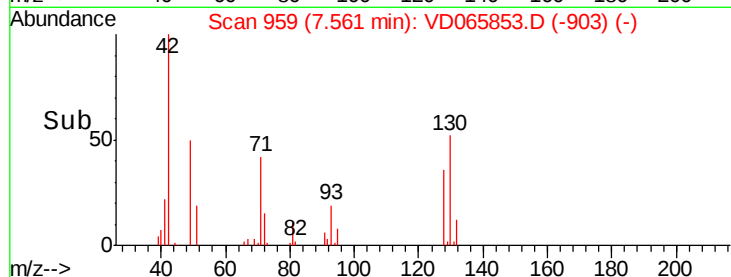
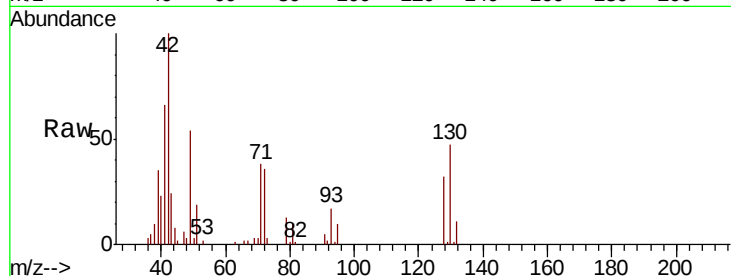




#41
Methacrylonitrile
Concen: 52.734 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.03 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

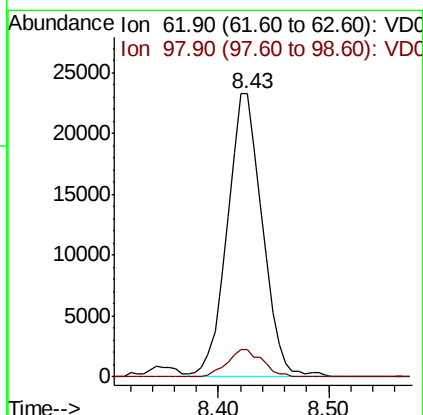
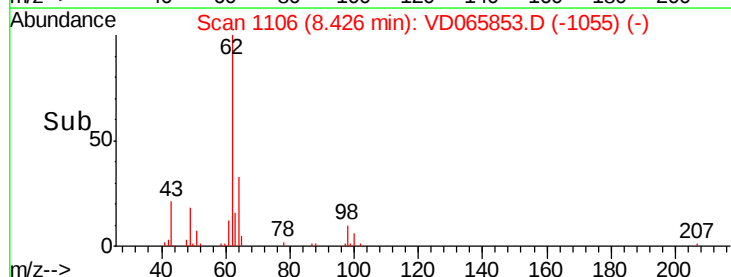
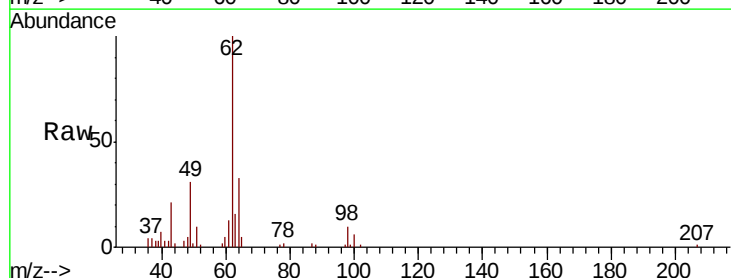
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

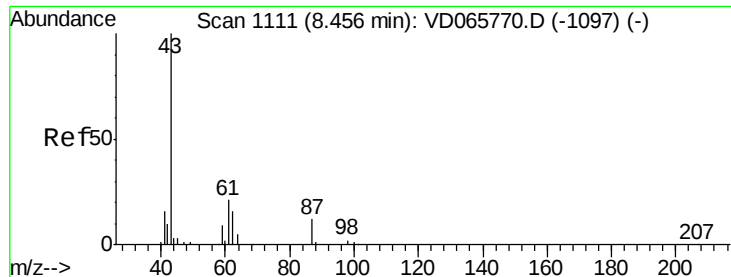
Tot Ion: 41 Resp: 35849
Ion Ratio Lower Upper
41 100
39 30.7 38.3 57.5#
67 0.0 49.8 74.6#
52 0.0 21.7 32.5#



#42
1,2-Dichloroethane
Concen: 21.683 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 62 Resp: 51840
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.6





#43

Isopropyl Acetate

Concen: 22.112 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

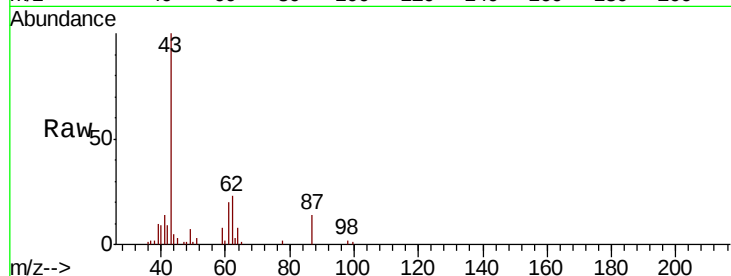
Tot Ion: 43 Resp: 50199

Ion Ratio Lower Upper

43 100

61 30.0 24.2 36.4

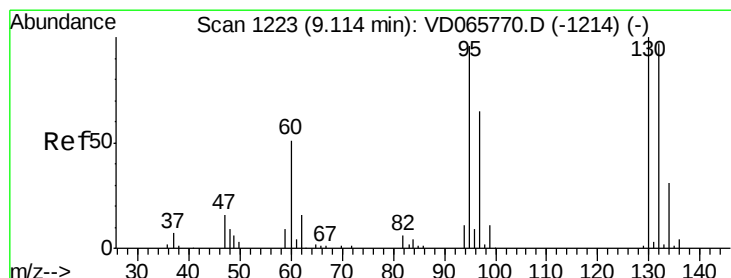
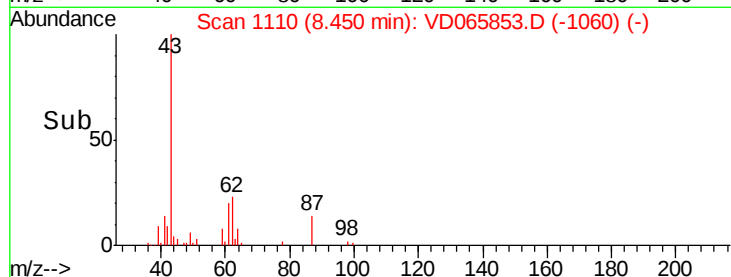
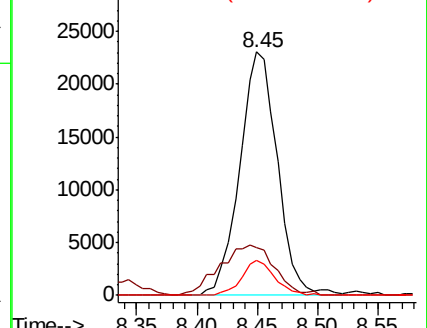
87 12.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 22.481 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD065853.D

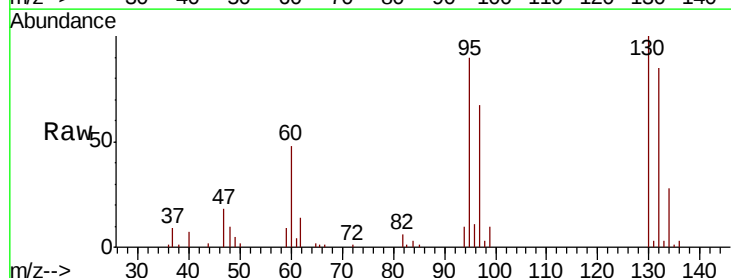
Acq: 23 Jun 2020 12:04

Tgt Ion: 130 Resp: 49573

Ion Ratio Lower Upper

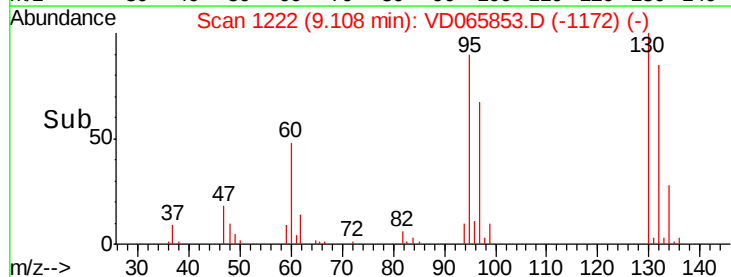
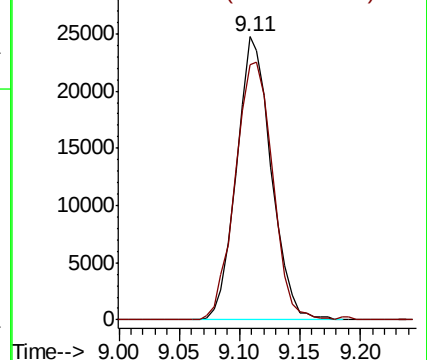
130 100

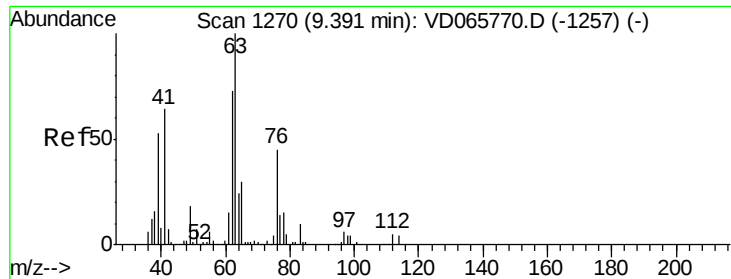
95 90.1 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.147 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

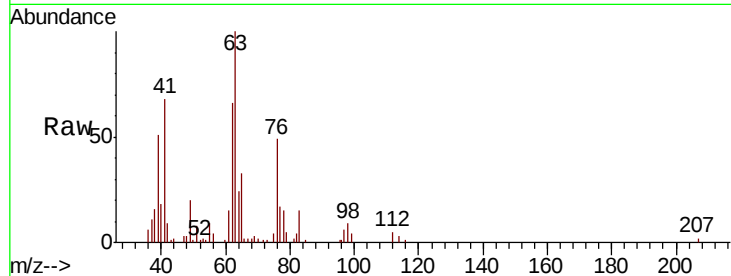
VD0623SBS01

Tot Ion: 63 Resp: 44094

Ion Ratio Lower Upper

63 100

65 32.9 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

25000

20000

15000

10000

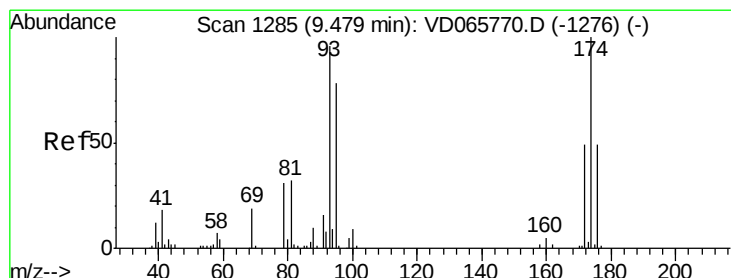
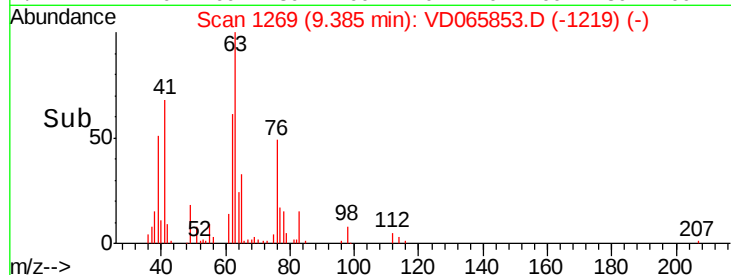
5000

0

9.30

9.40

Time-->



#46

Dibromomethane

Concen: 21.909 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

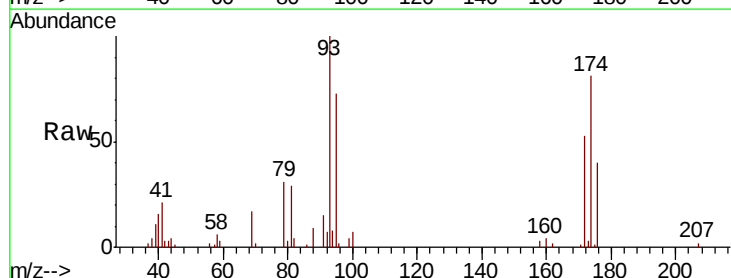
Tgt Ion: 93 Resp: 23658

Ion Ratio Lower Upper

93 100

95 78.9 65.8 98.6

174 98.8 80.9 121.3



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): VDC

15000

10000

5000

0

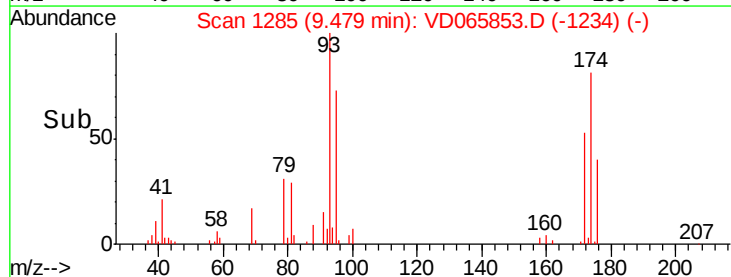
9.40

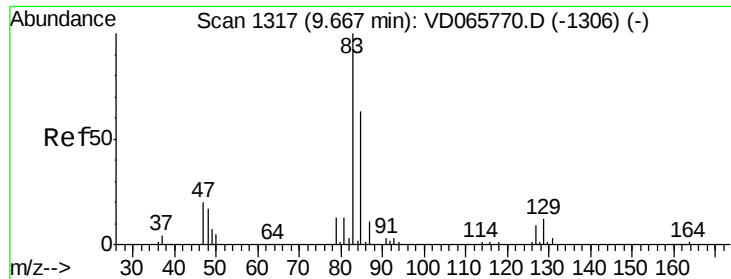
9.45

9.50

9.55

Time-->

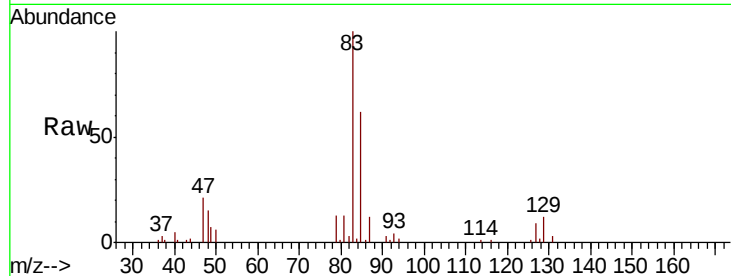




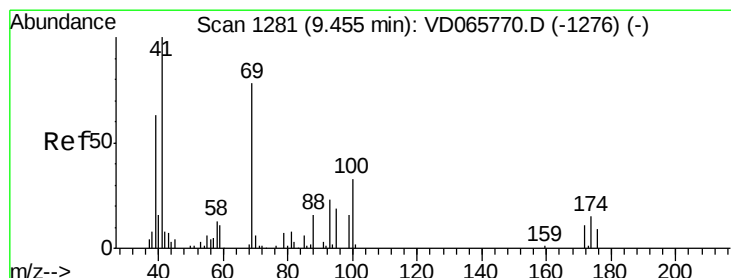
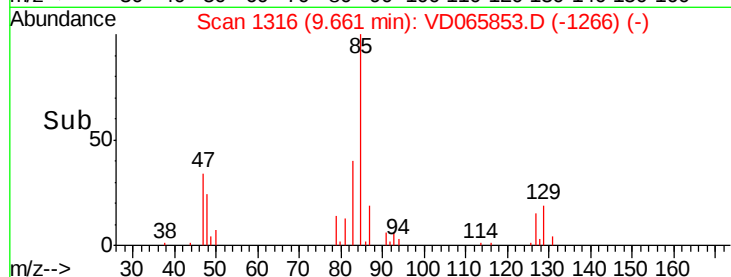
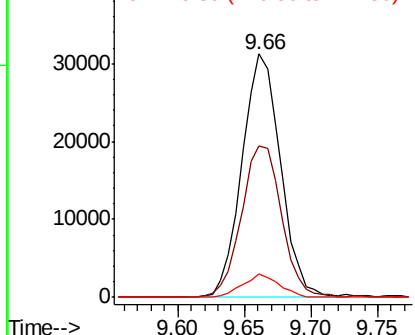
#47
Bromodichloromethane
Concen: 21.538 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 83 Resp: 62323
Ion Ratio Lower Upper
83 100
85 62.0 50.7 76.1
127 9.4 7.1 10.7

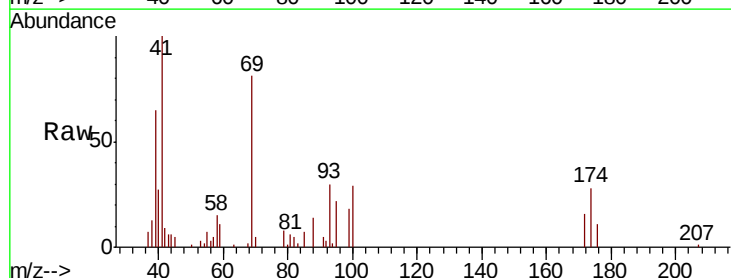


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

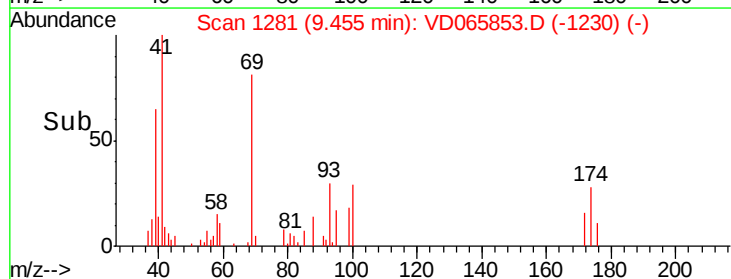
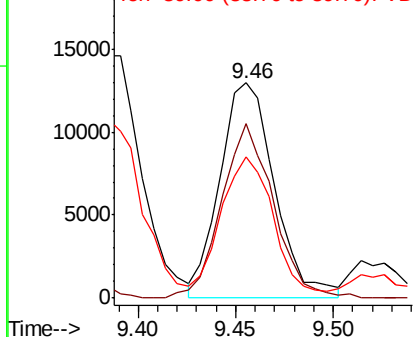


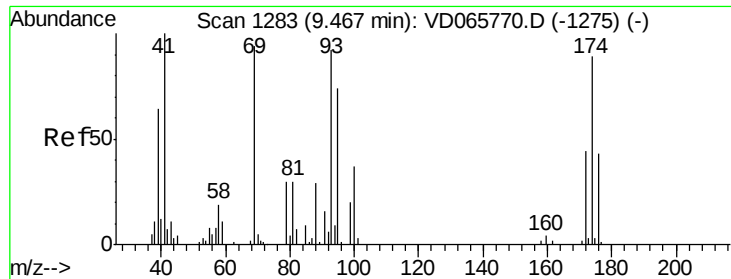
#48
Methyl methacrylate
Concen: 22.959 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 41 Resp: 25230
Ion Ratio Lower Upper
41 100
69 76.6 60.9 91.3
39 57.4 48.1 72.1



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: 413.281 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

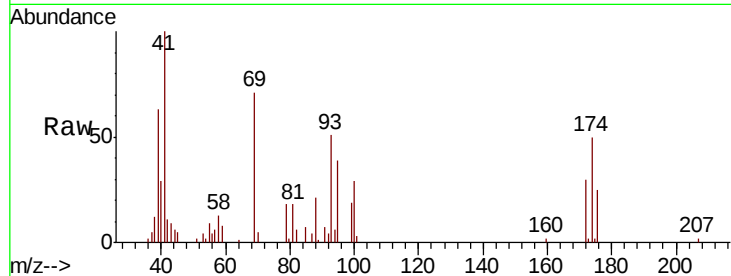
Tot Ion: 88 Resp: 4750

Ion Ratio Lower Upper

88 100

43 51.4 32.2 48.4#

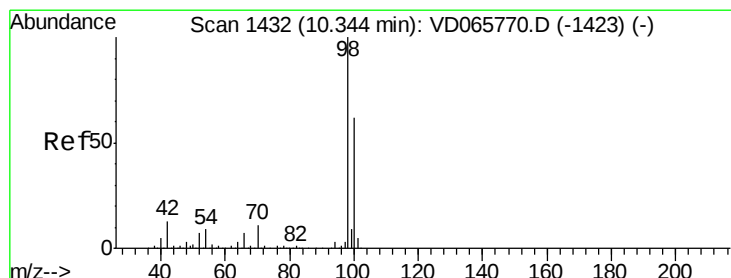
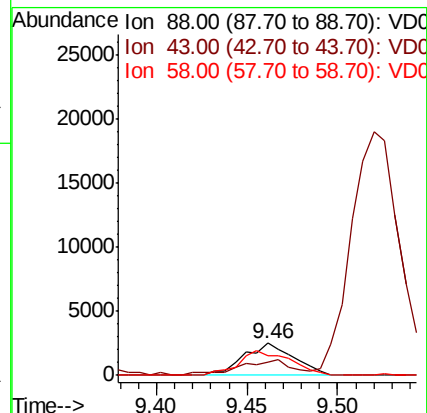
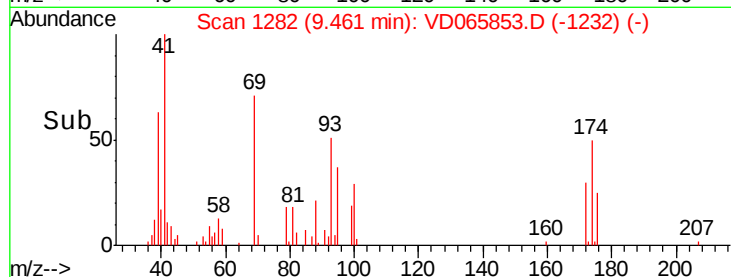
58 80.0 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.800 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD065853.D

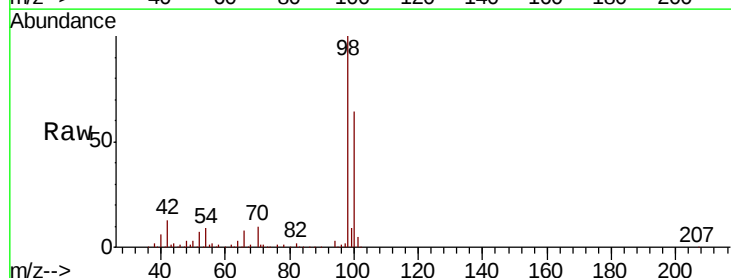
Acq: 23 Jun 2020 12:04

Tgt Ion: 98 Resp: 376301

Ion Ratio Lower Upper

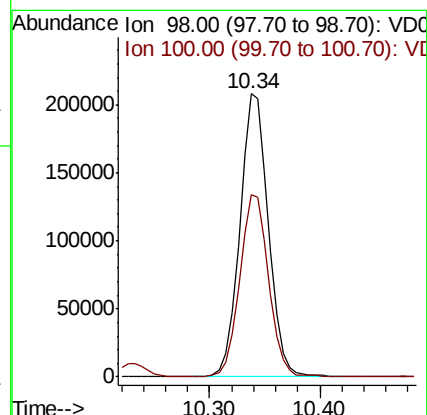
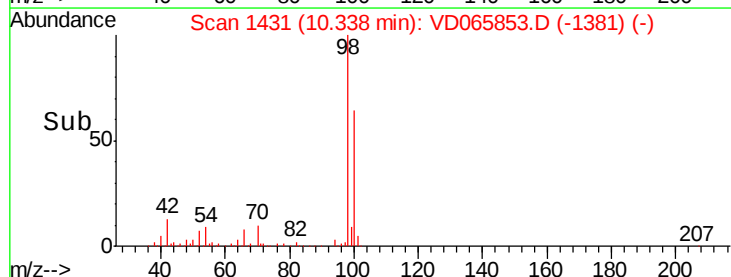
98 100

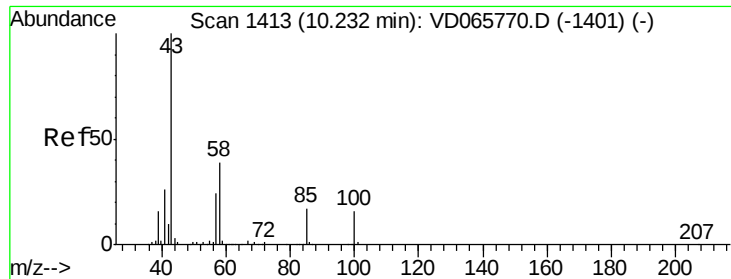
100 65.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 112.717 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

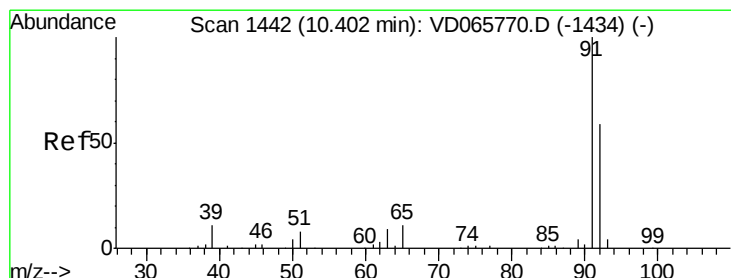
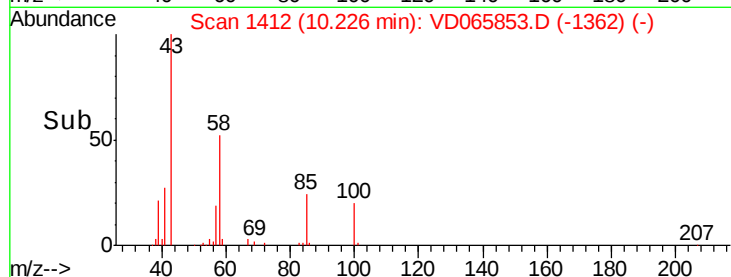
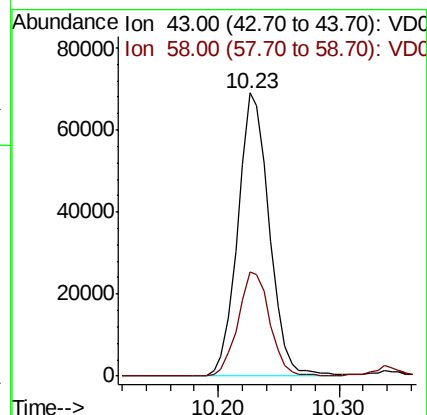
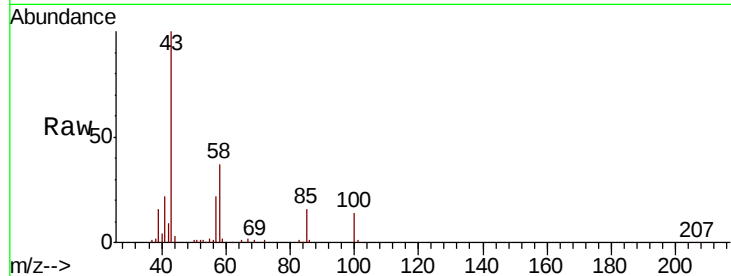
VD0623SBS01

Tot Ion: 43 Resp: 125391

Ion Ratio Lower Upper

43 100

58 37.1 30.7 46.1



#52

Toluene

Concen: 22.731 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065853.D

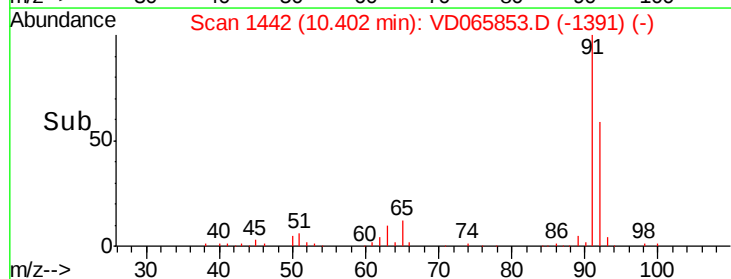
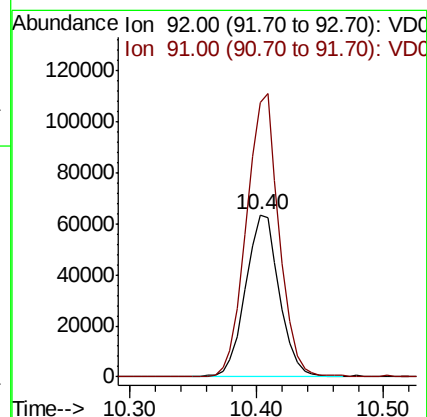
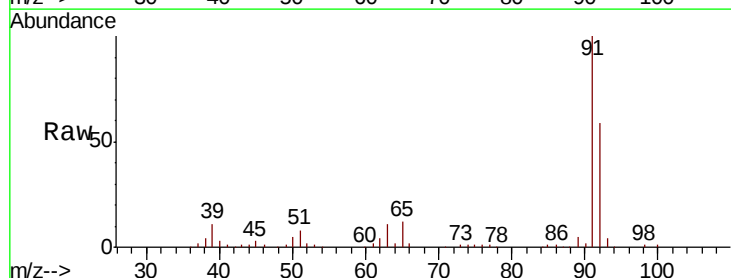
Acq: 23 Jun 2020 12:04

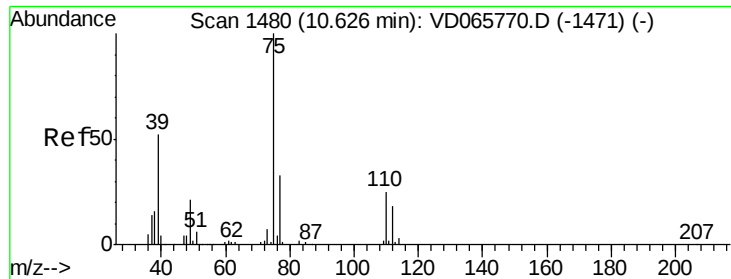
Tgt Ion: 92 Resp: 117035

Ion Ratio Lower Upper

92 100

91 169.2 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 22.738 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

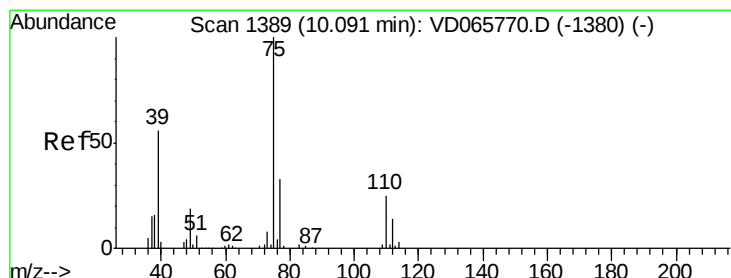
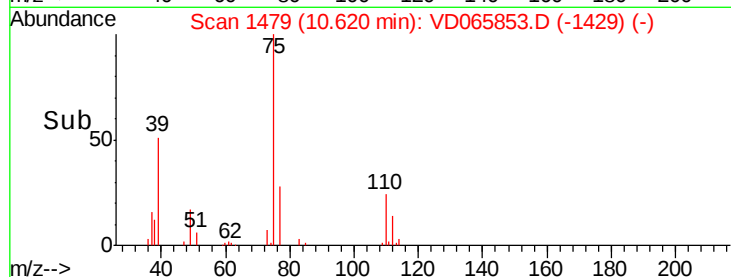
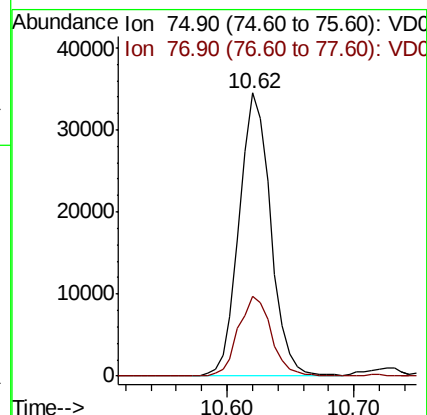
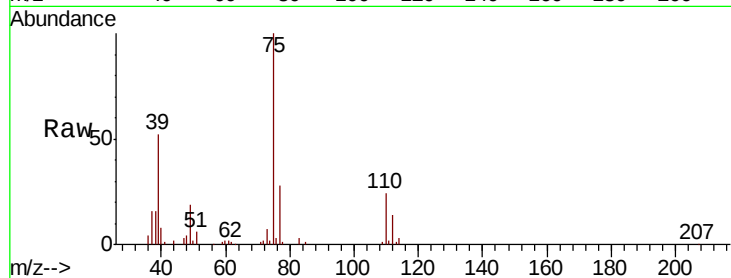
VD0623SBS01

Tot Ion: 75 Resp: 59580

Ion Ratio Lower Upper

75 100

77 28.4 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 22.433 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

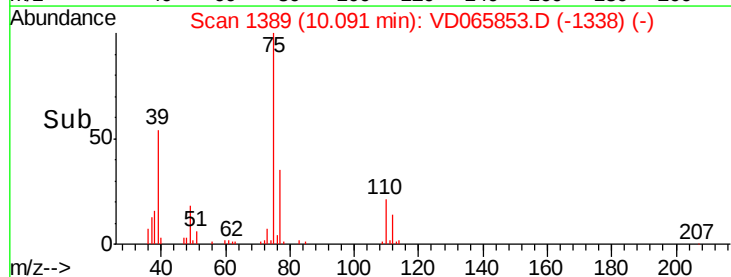
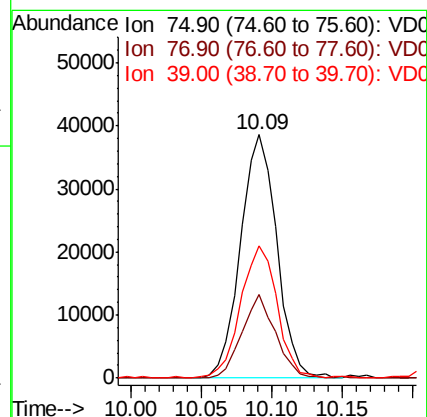
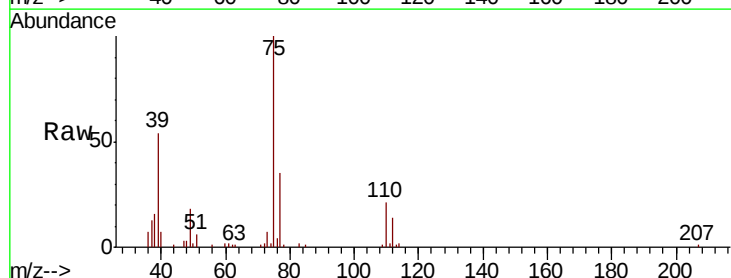
Tgt Ion: 75 Resp: 69422

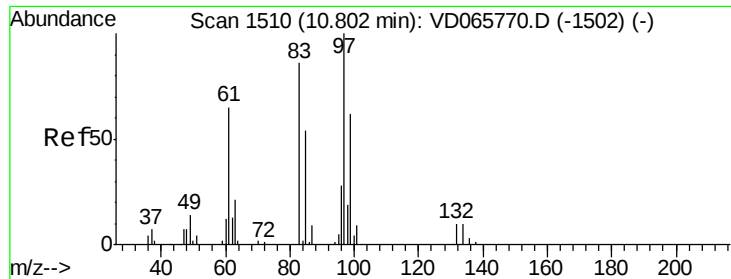
Ion Ratio Lower Upper

75 100

77 34.5 26.0 39.0

39 54.2 45.0 67.6

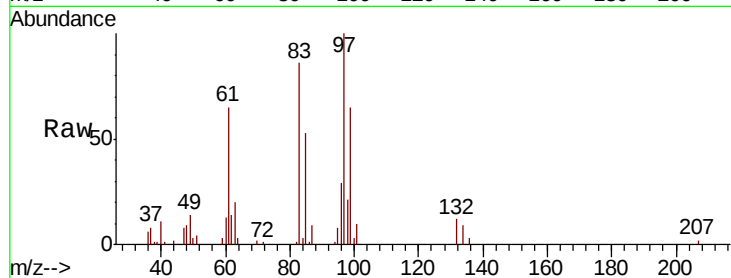




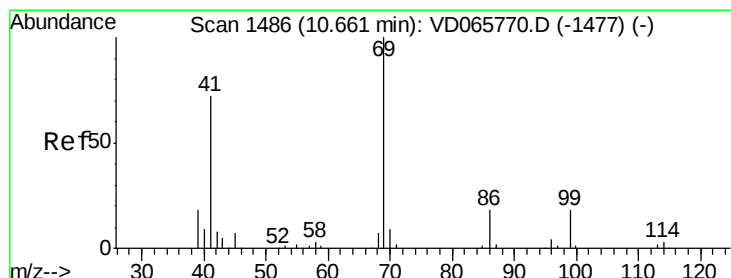
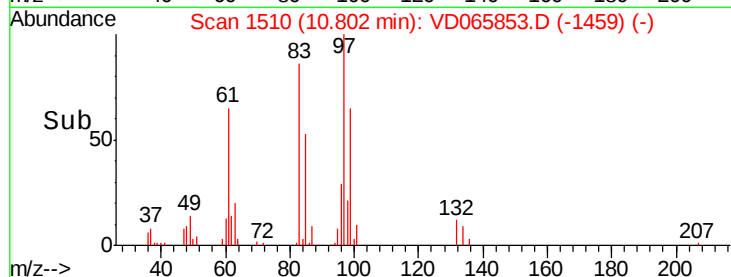
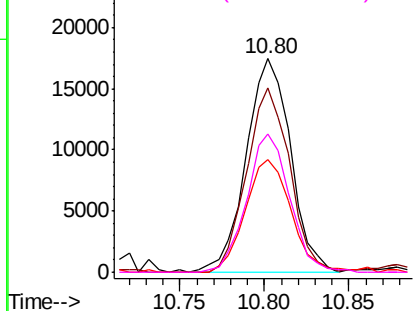
#55
 1,1,2-Trichloroethane
 Concen: 22.137 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion: 97 Resp: 31939
 Ion Ratio Lower Upper
 97 100
 83 86.4 68.7 103.1
 85 53.0 43.0 64.6
 99 64.8 49.8 74.6

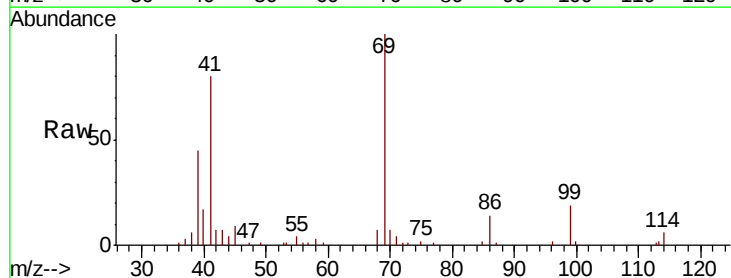


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

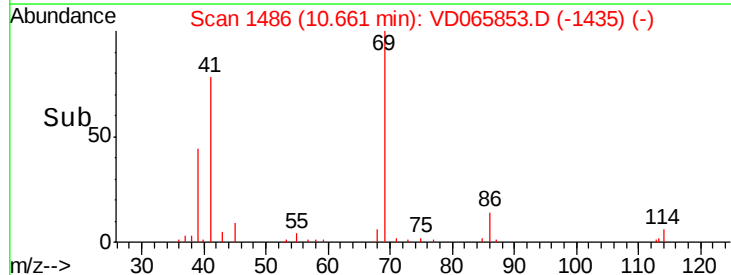
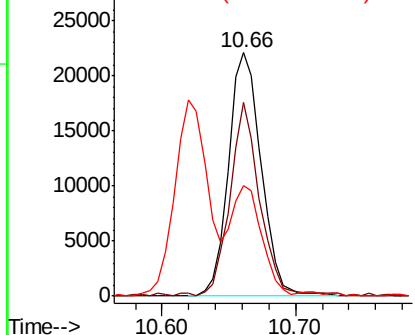


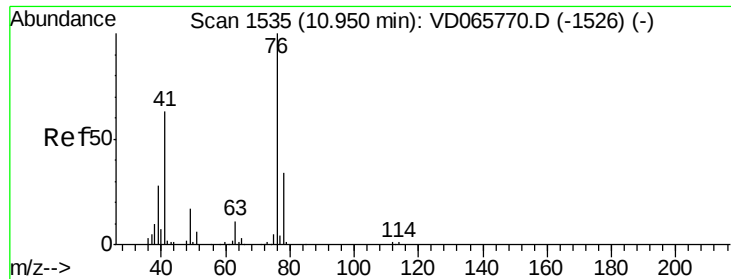
#56
 Ethyl methacrylate
 Concen: 22.208 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion: 69 Resp: 37688
 Ion Ratio Lower Upper
 69 100
 41 72.9 56.9 85.3
 39 43.9 36.0 54.0



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

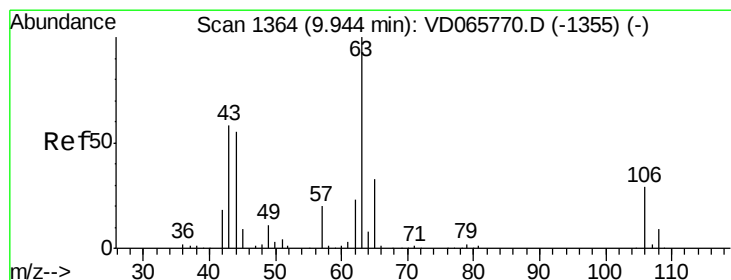
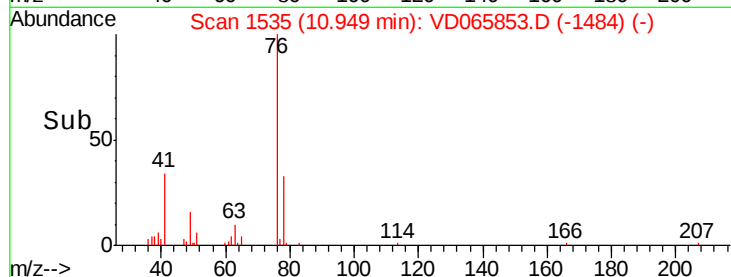
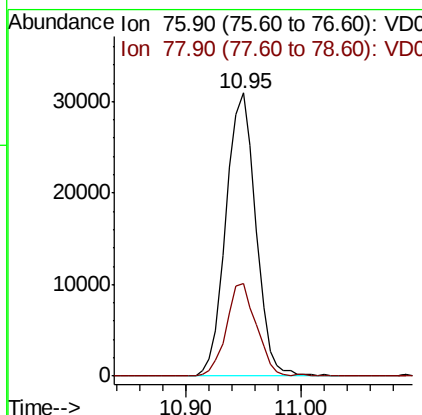
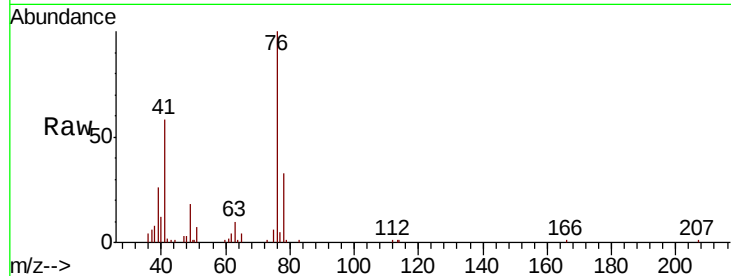




#57
 1,3-Dichloropropane
 Concen: 22.206 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

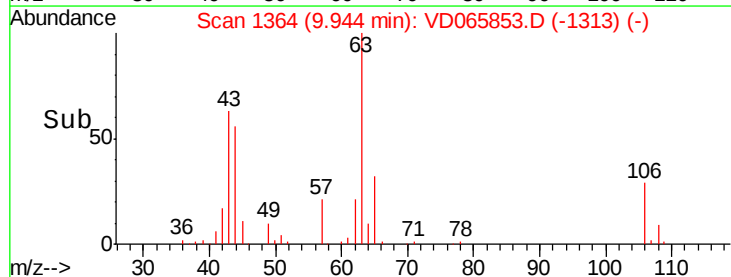
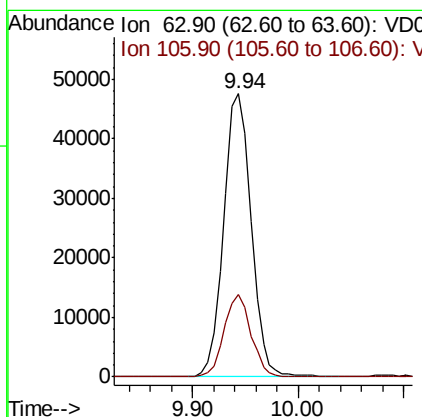
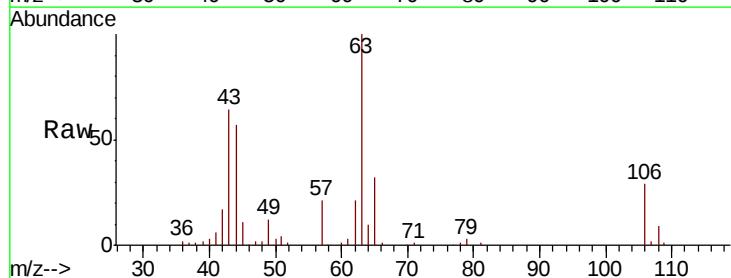
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

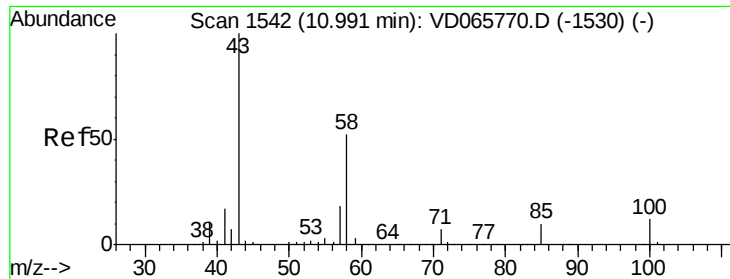
Tot Ion: 76 Resp: 55508
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.937 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion: 63 Resp: 85950
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8

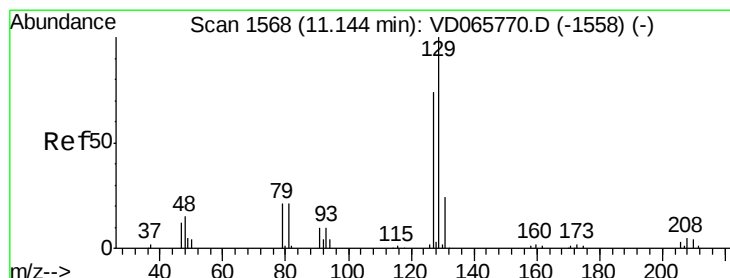
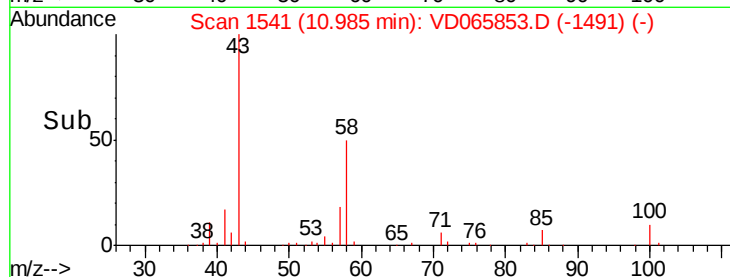
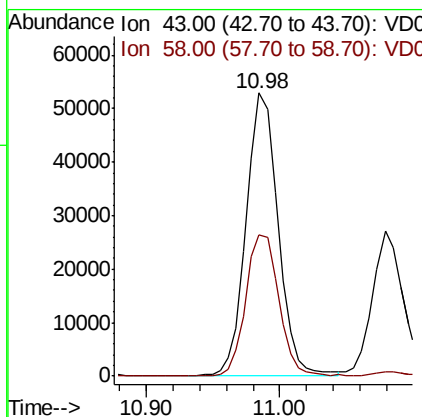
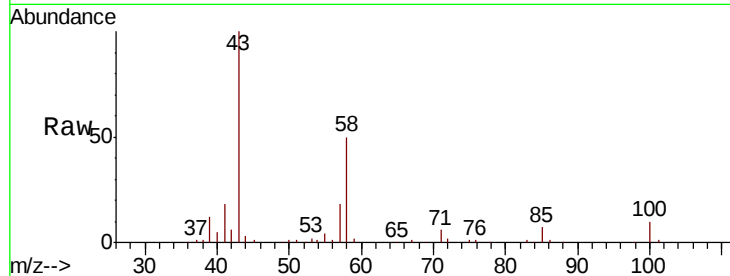




#59
2-Hexanone
Concen: 117.085 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

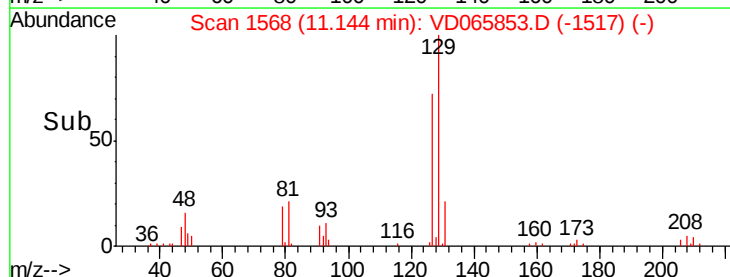
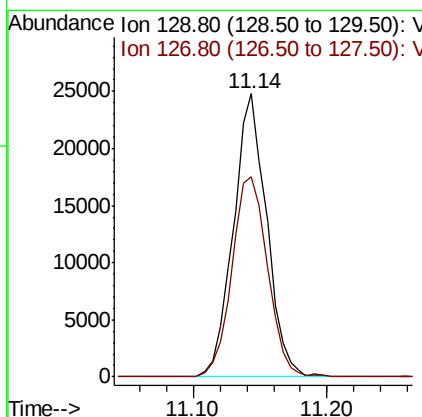
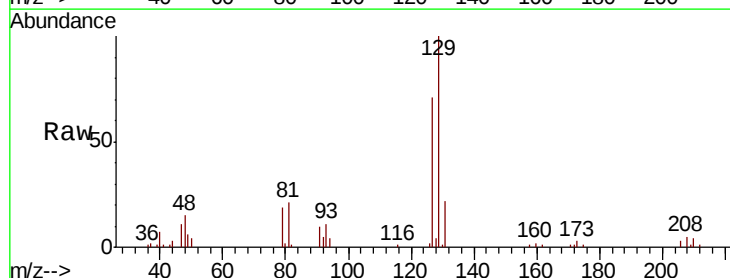
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

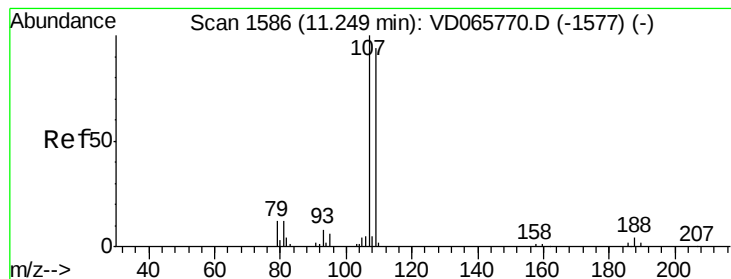
Tot Ion: 43 Resp: 87813
Ion Ratio Lower Upper
43 100
58 51.7 25.7 77.0



#60
Dibromochloromethane
Concen: 21.970 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 129 Resp: 42821
Ion Ratio Lower Upper
129 100
127 75.8 38.0 113.9





#61

1,2-Dibromoethane

Concen: 21.660 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

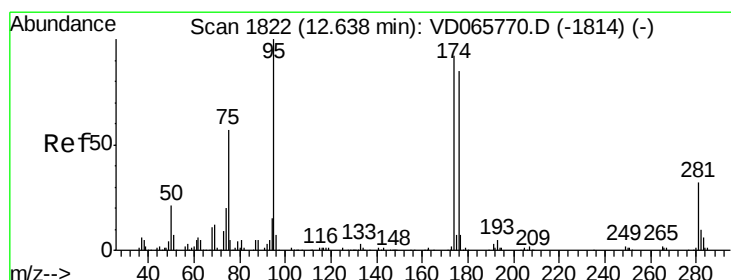
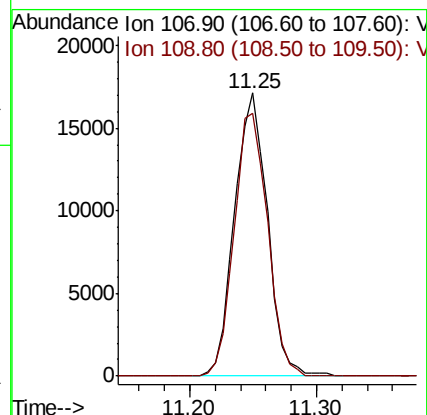
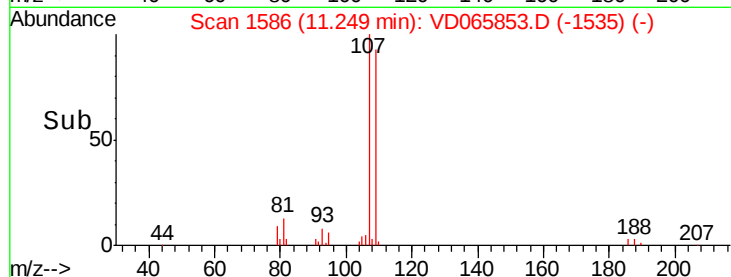
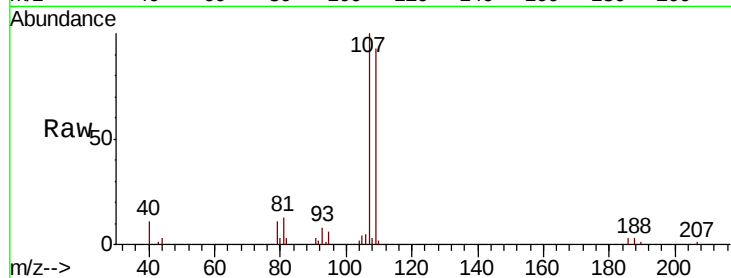
VD0623SBS01

Tot Ion:107 Resp: 30712

Ion Ratio Lower Upper

107 100

109 94.3 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 51.926 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

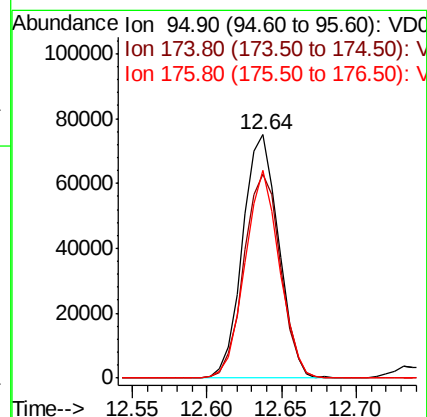
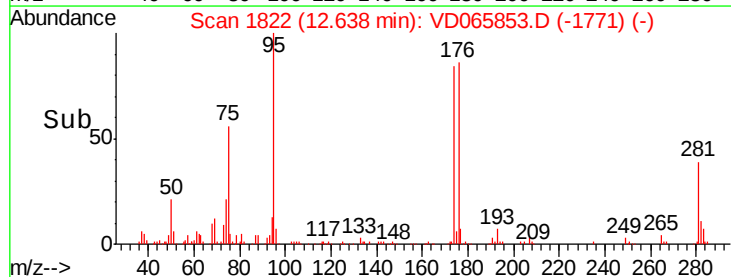
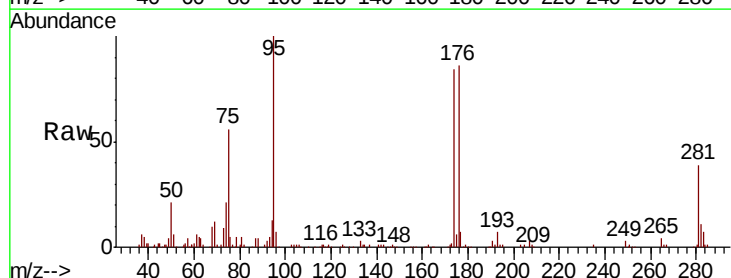
Tgt Ion: 95 Resp: 125503

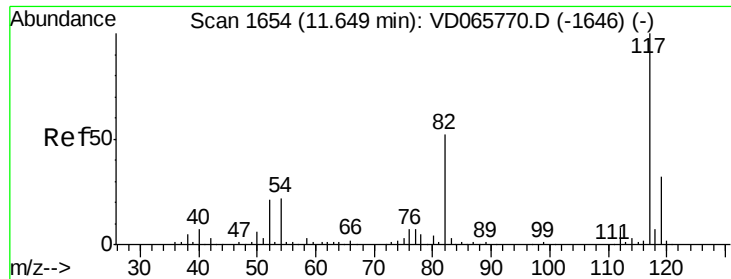
Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.2

176 81.9 0.0 163.0

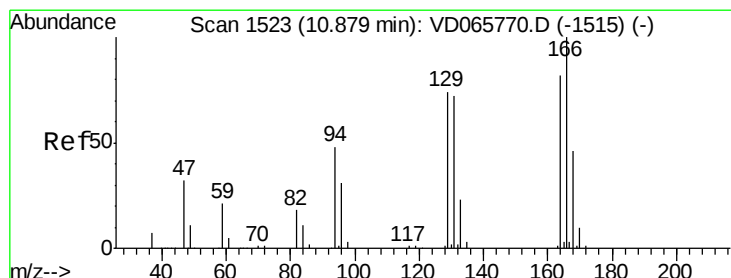
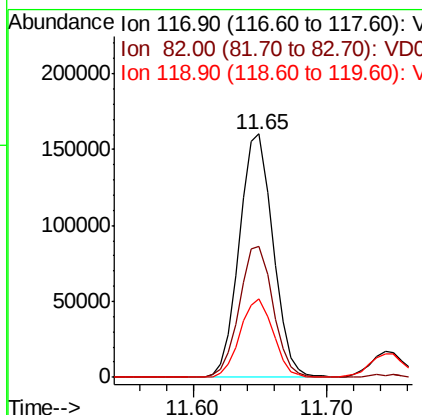
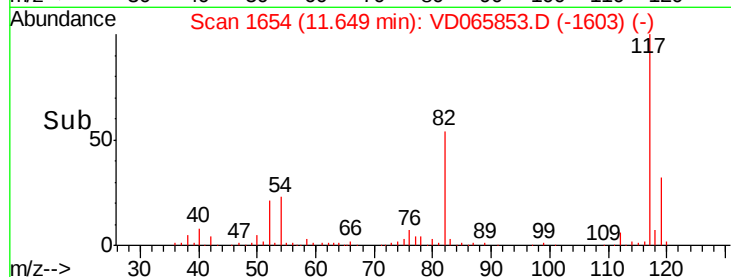
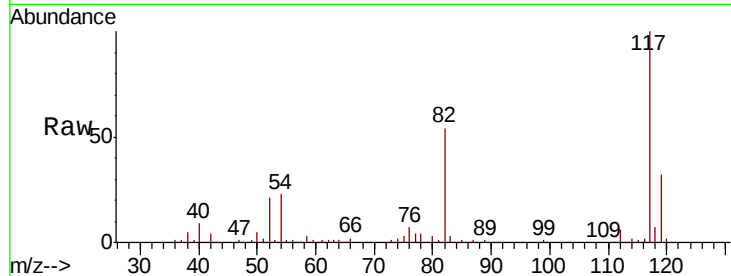




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

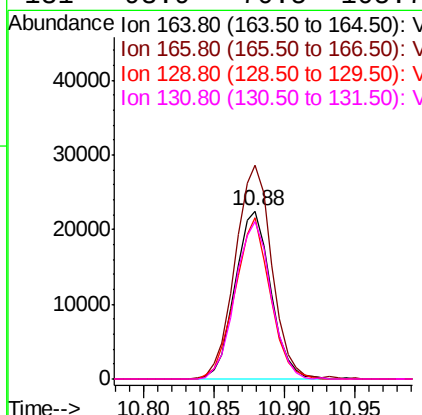
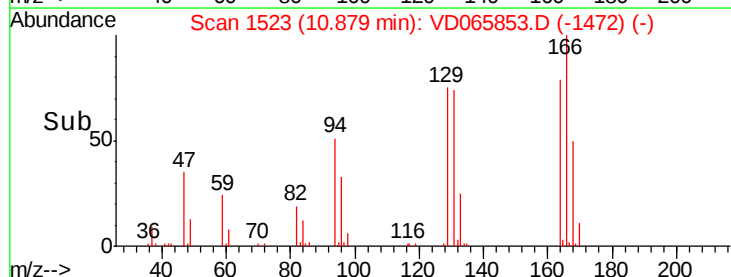
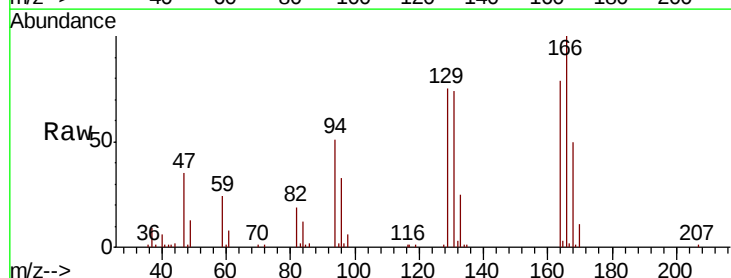
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

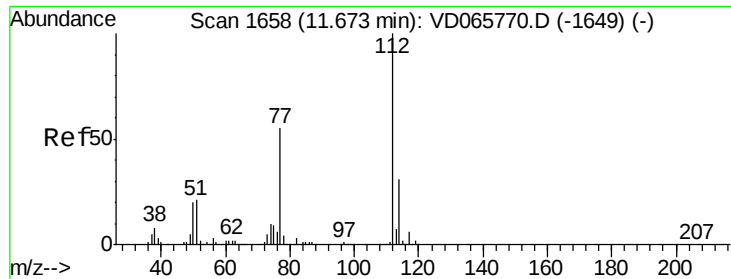
Tot Ion:117 Resp: 280629
Ion Ratio Lower Upper
117 100
82 54.0 41.9 62.9
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 20.952 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion:164 Resp: 39759
Ion Ratio Lower Upper
164 100
166 127.3 98.2 147.2
129 95.8 72.3 108.5
131 93.9 70.5 105.7

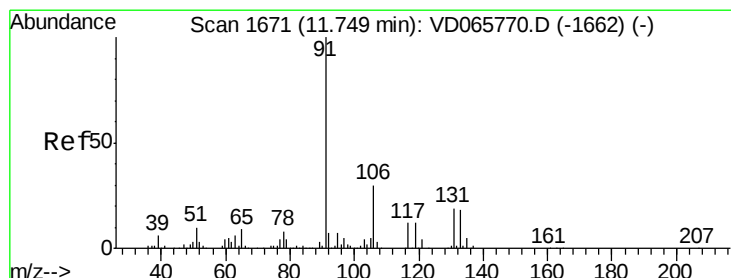
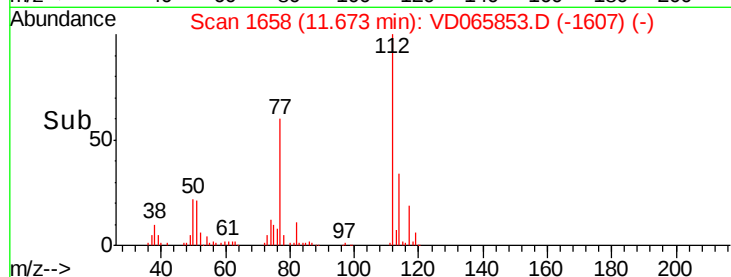
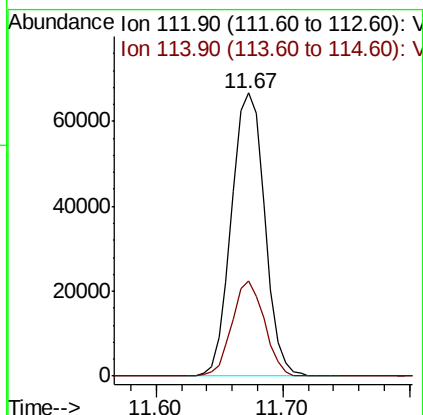
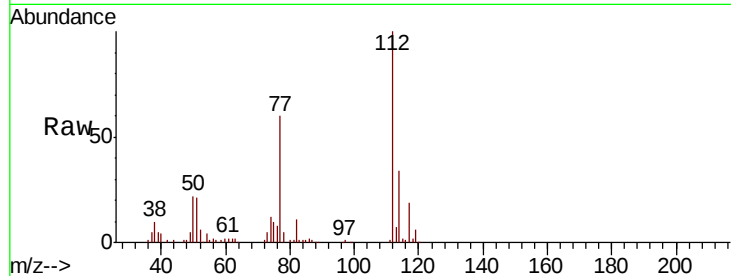




#65
Chlorobenzene
Concen: 22.146 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

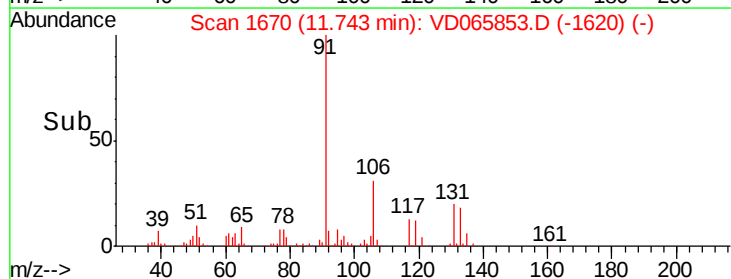
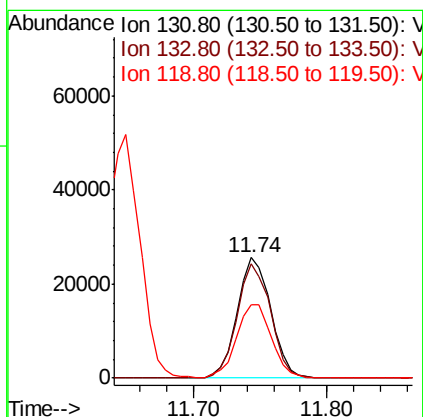
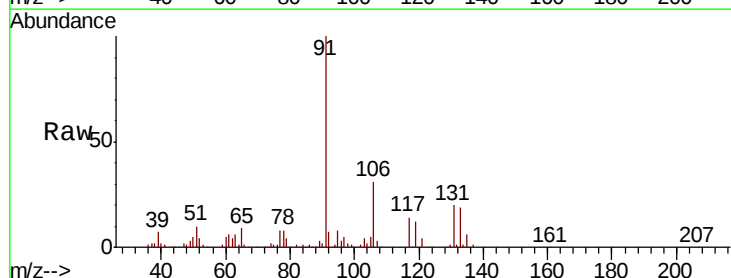
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

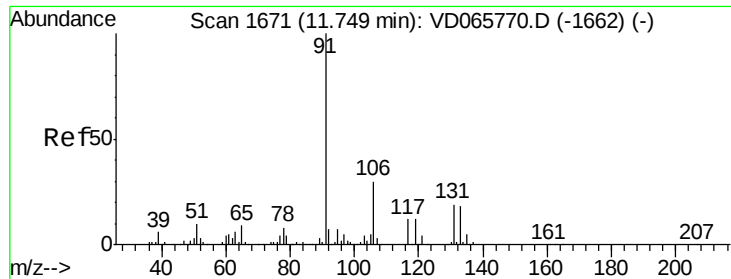
Tot Ion:112 Resp: 121327
Ion Ratio Lower Upper
112 100
114 33.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.909 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion:131 Resp: 44741
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.9
119 63.5 31.6 94.8

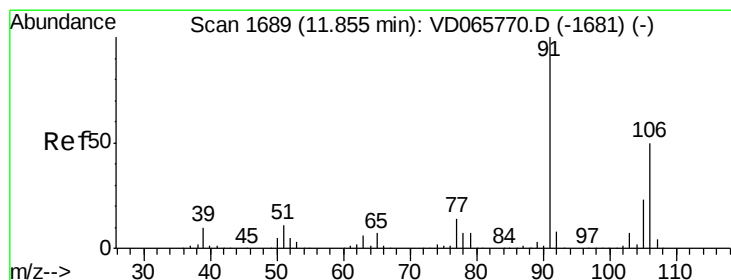
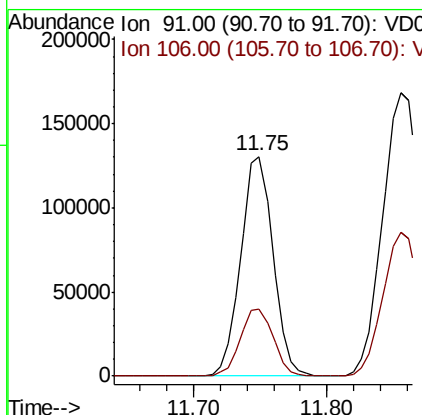
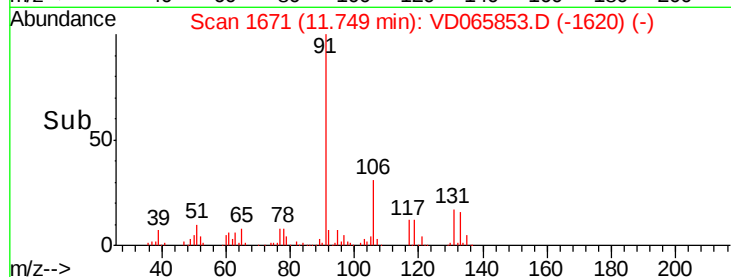
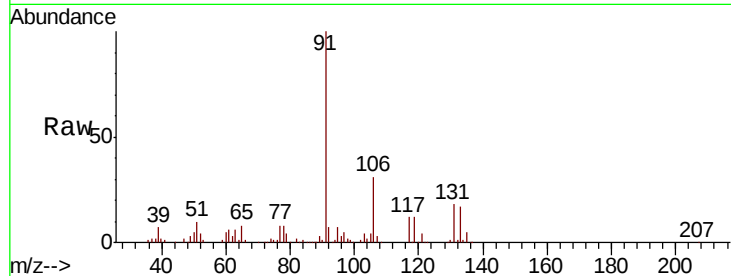




#67
Ethyl Benzene
Concen: 22.374 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

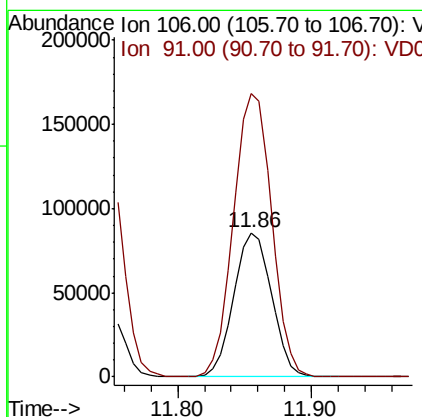
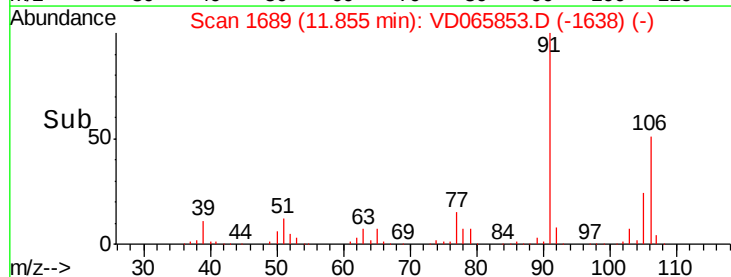
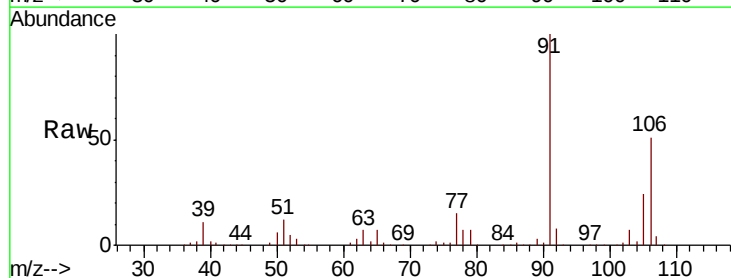
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

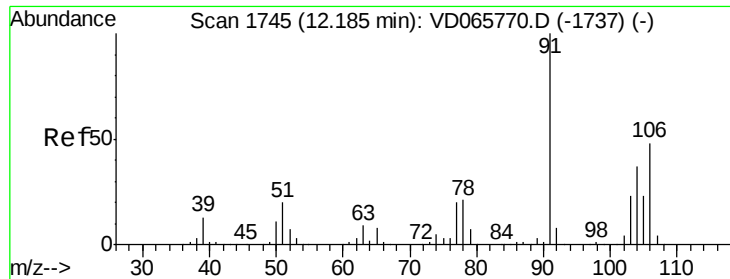
Tot Ion: 91 Resp: 218972
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1



#68
m/p-Xylenes
Concen: 44.504 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 106 Resp: 167771
Ion Ratio Lower Upper
106 100
91 199.1 159.4 239.2

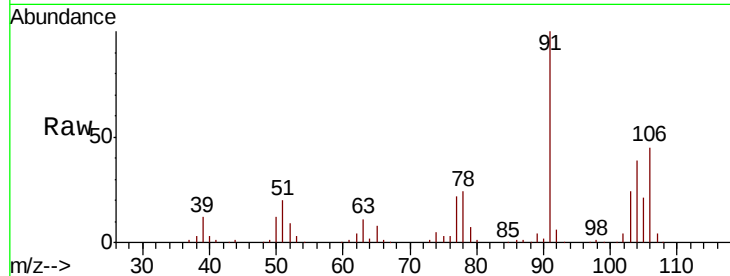




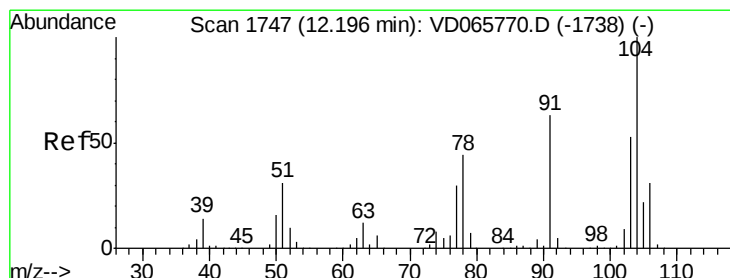
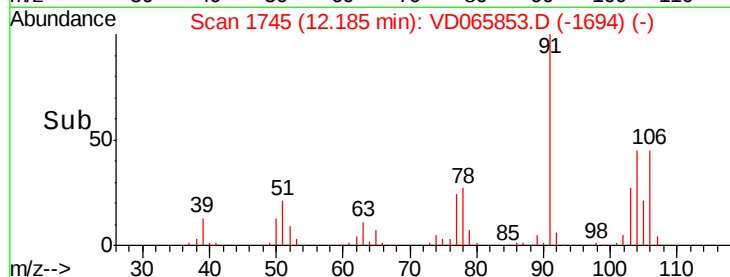
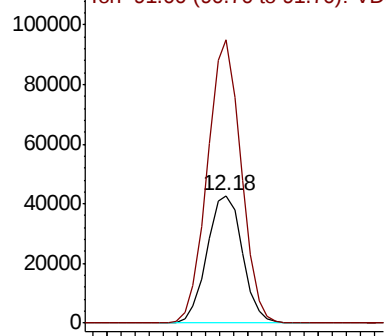
#69
o-Xylene
Concen: 22.073 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion:106 Resp: 75026
Ion Ratio Lower Upper
106 100
91 211.5 105.3 315.8

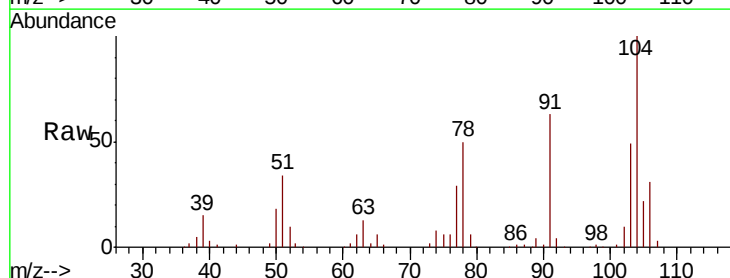


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

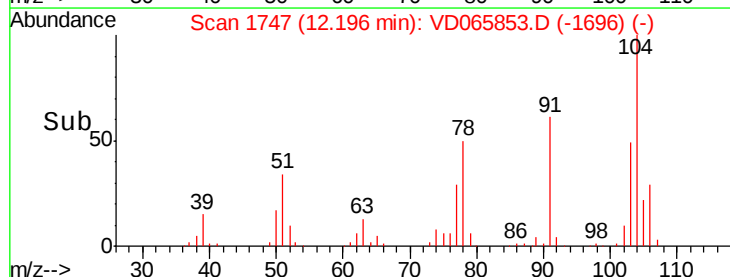
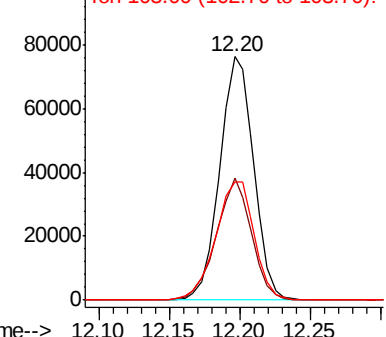


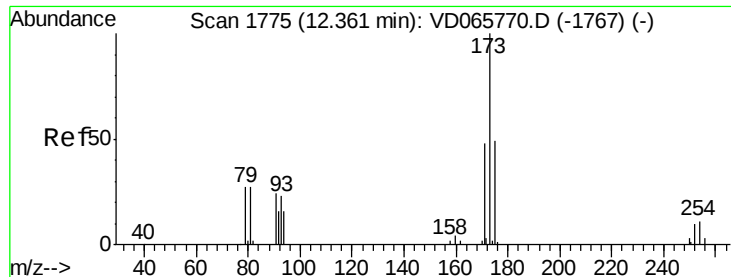
#70
Styrene
Concen: 21.871 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion:104 Resp: 128692
Ion Ratio Lower Upper
104 100
78 51.8 38.6 58.0
103 55.2 43.9 65.9



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

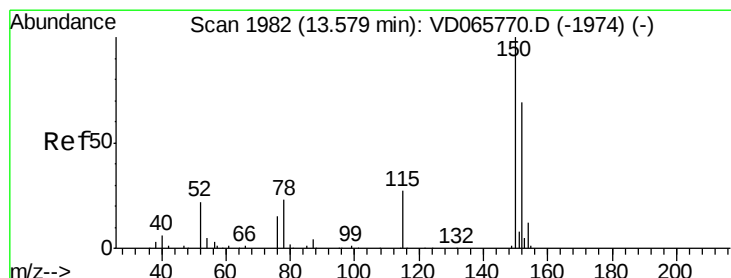
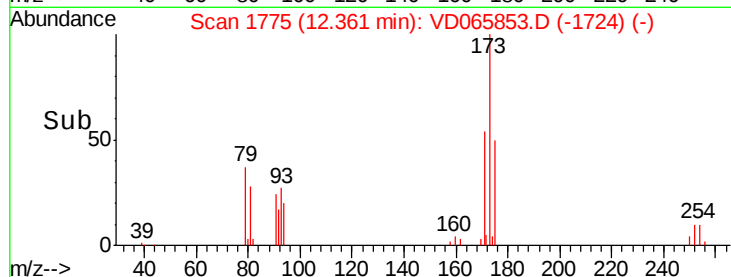
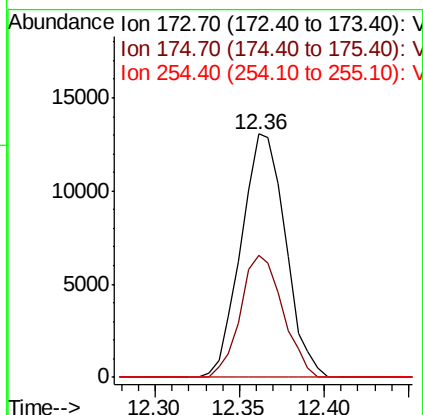
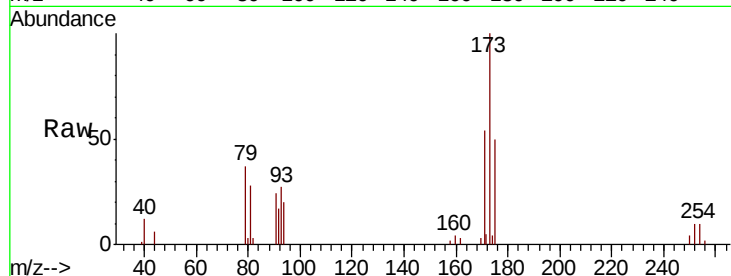




#71
Bromoform
Concen: 21.248 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

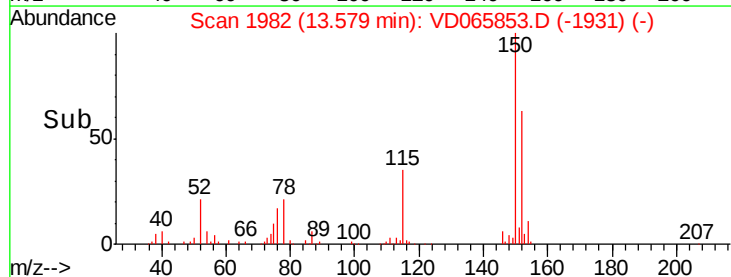
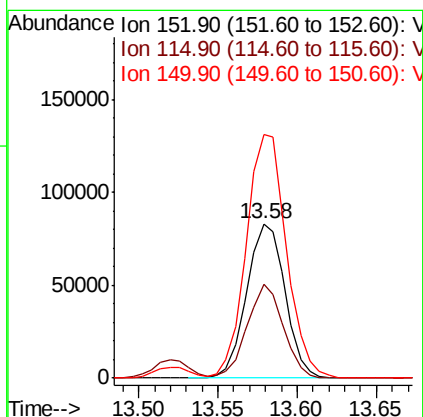
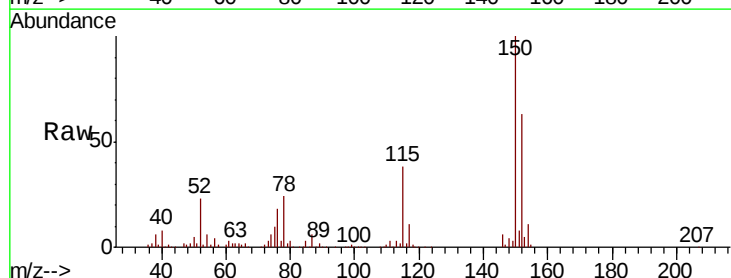
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

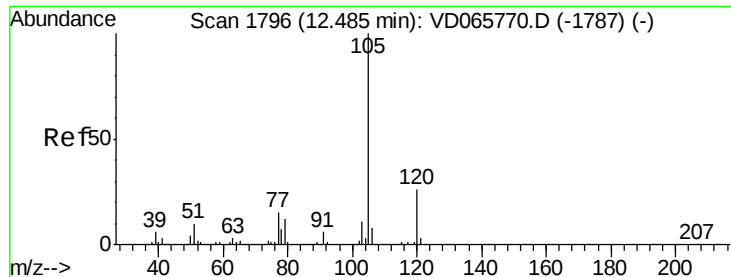
Tot Ion:173 Resp: 23894
Ion Ratio Lower Upper
173 100
175 47.8 24.8 74.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion:152 Resp: 139941
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.1
150 165.4 0.0 348.0





#73

Isopropylbenzene

Concen: 22.505 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

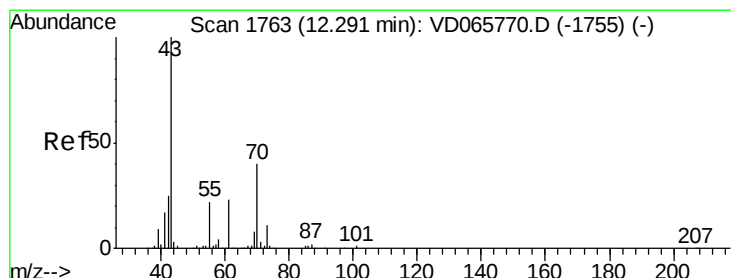
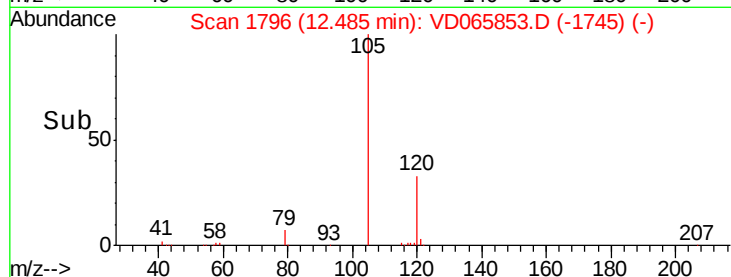
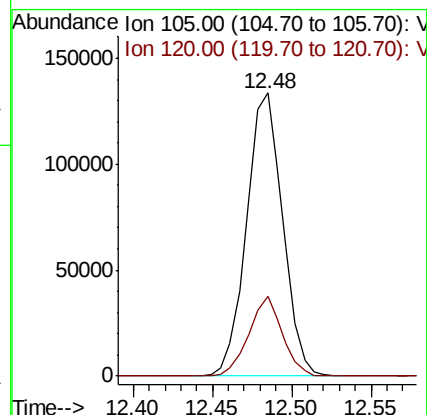
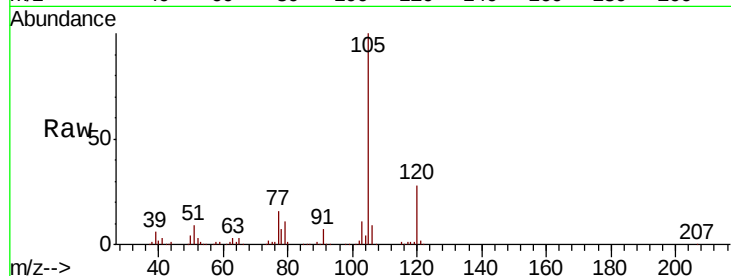
VD0623SBS01

Tot Ion:105 Resp: 211157

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.5



#74

N-ethyl acetate

Concen: 21.121 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Tgt Ion: 43 Resp: 44088

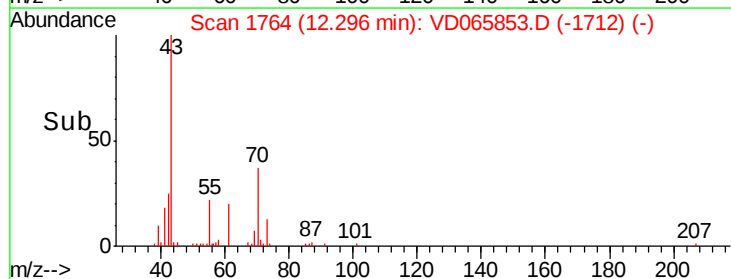
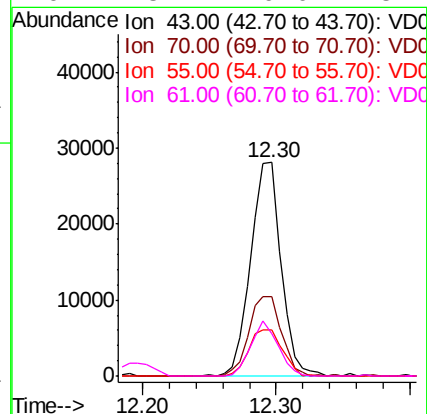
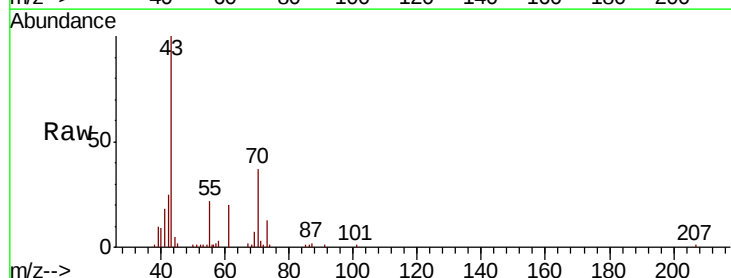
Ion Ratio Lower Upper

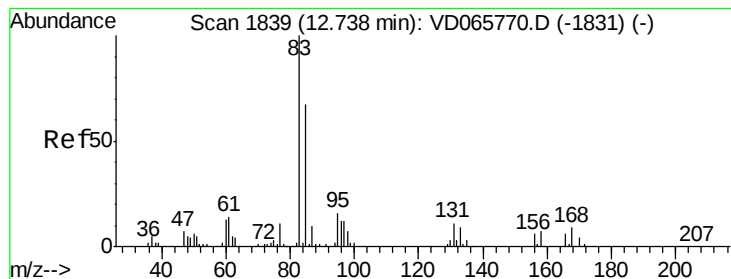
43 100

70 40.0 32.3 48.5

55 24.1 19.0 28.4

61 23.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 23.050 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

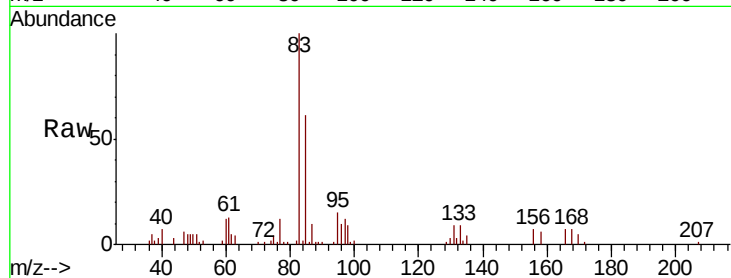
Tot Ion: 83 Resp: 36524

Ion Ratio Lower Upper

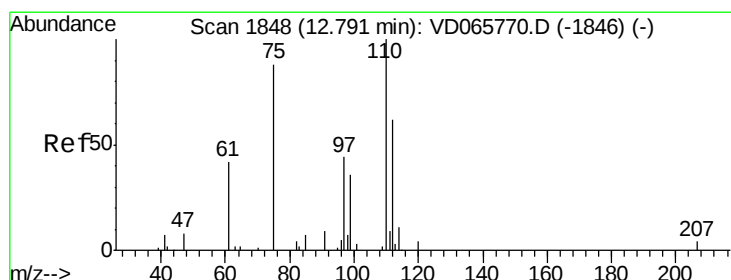
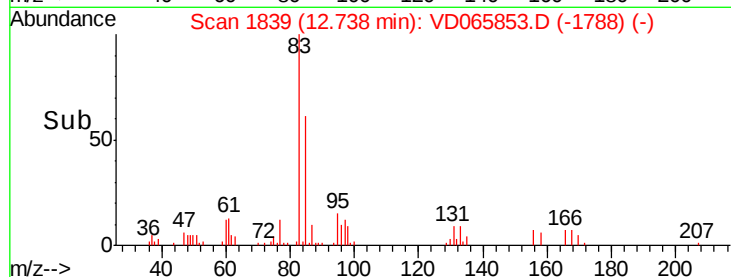
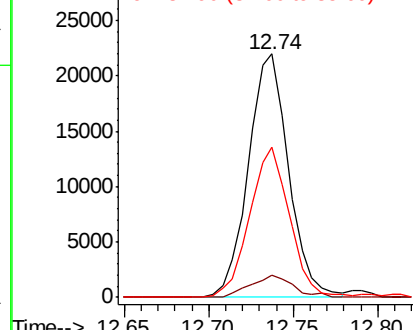
83 100

131 9.6 5.5 16.4

85 60.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 42.265 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065853.D

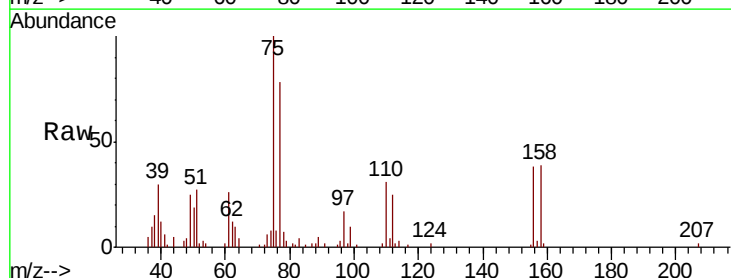
Acq: 23 Jun 2020 12:04

Tgt Ion: 75 Resp: 45999

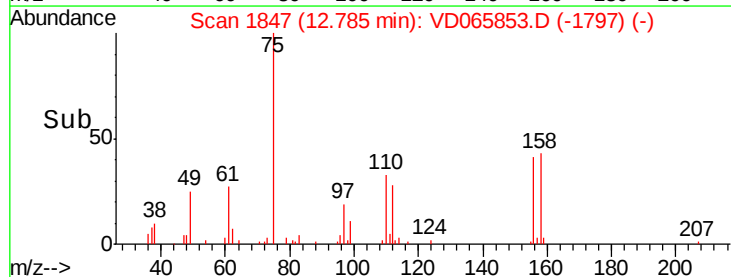
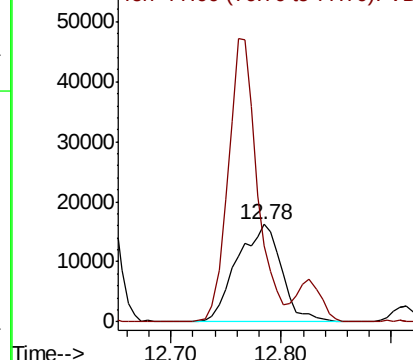
Ion Ratio Lower Upper

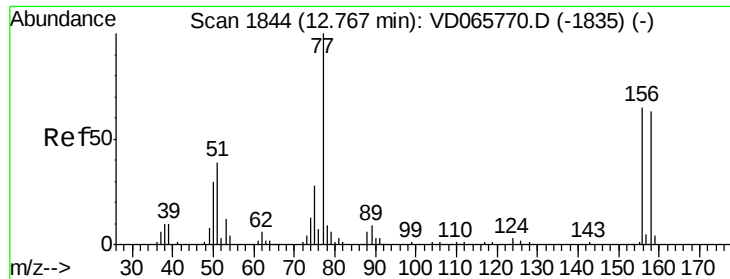
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.273 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

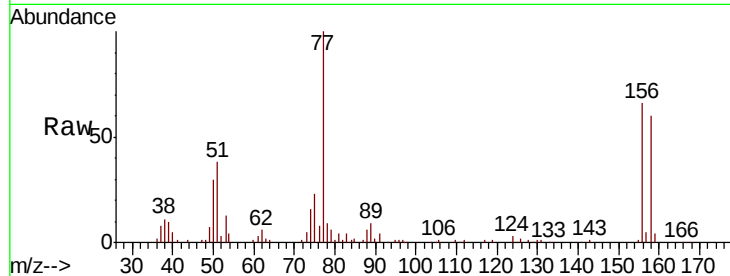
Tot Ion:156 Resp: 49445

Ion Ratio Lower Upper

156 100

77 175.5 87.3 261.8

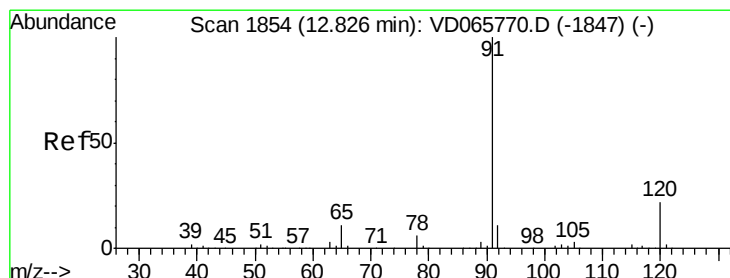
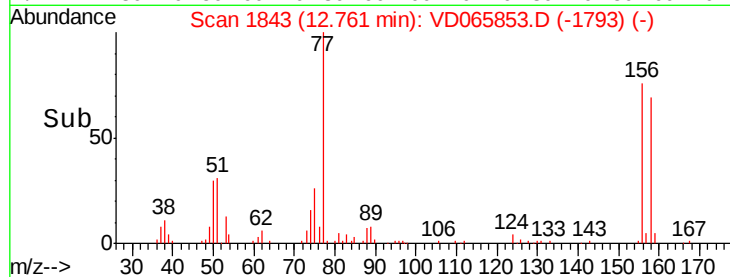
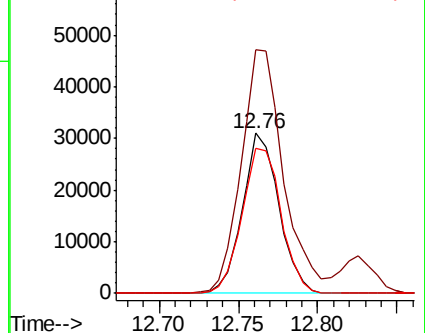
158 97.4 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.642 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065853.D

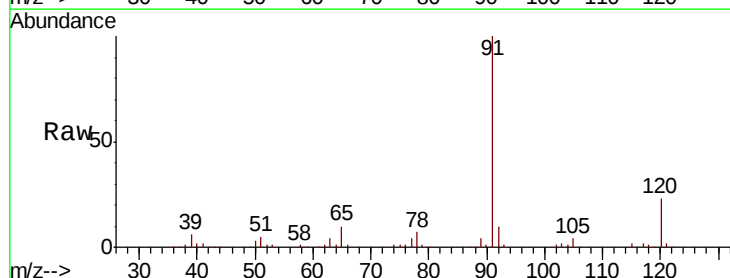
Acq: 23 Jun 2020 12:04

Tgt Ion: 91 Resp: 255714

Ion Ratio Lower Upper

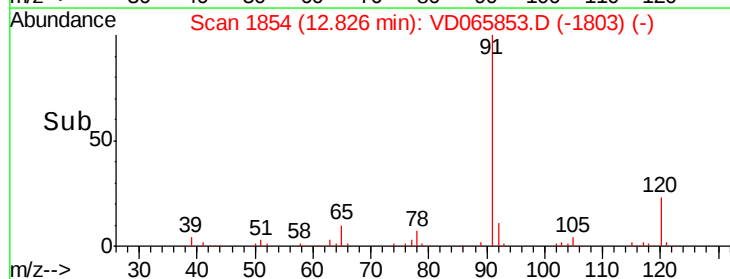
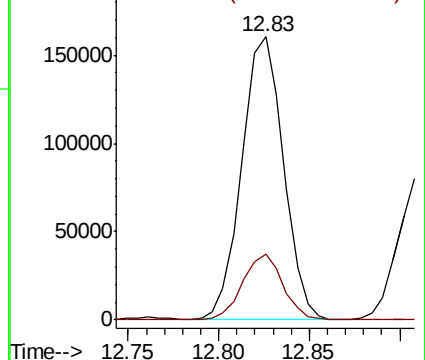
91 100

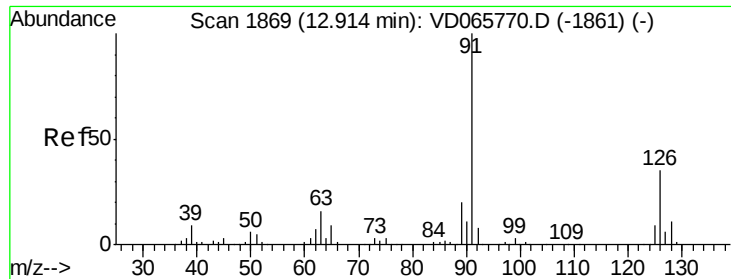
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

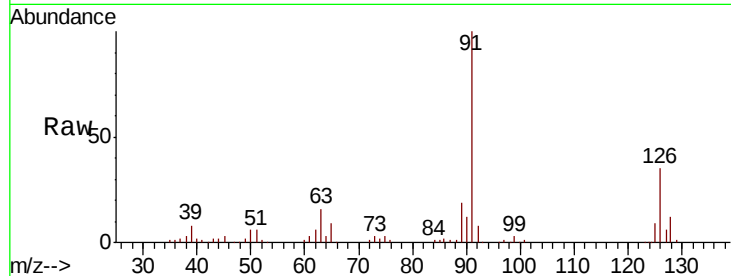




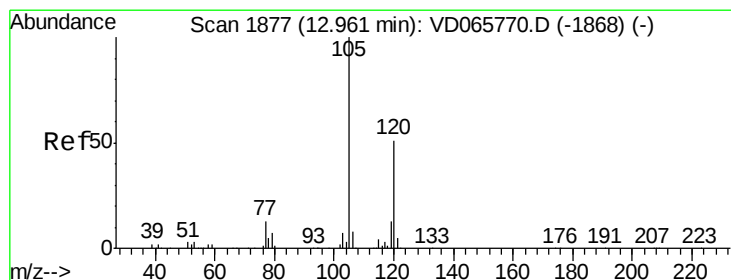
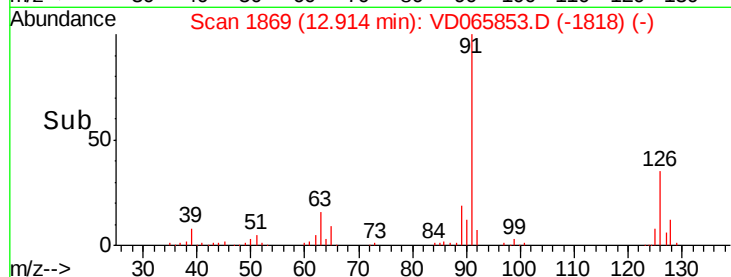
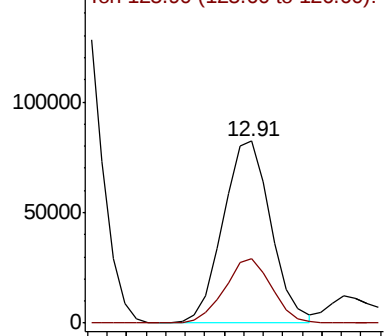
#79
 2-Chlorotoluene
 Concen: 22.570 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion: 91 Resp: 139837
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.6

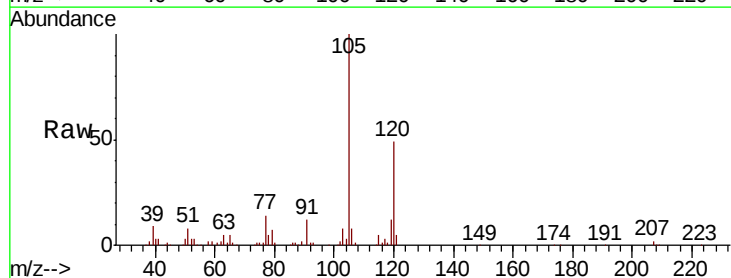


Abundance Ion 91.00 (90.70 to 91.70): VD065770.D (-1861) (-)
 Ion 125.90 (125.60 to 126.60): VD065770.D (-1861) (-)

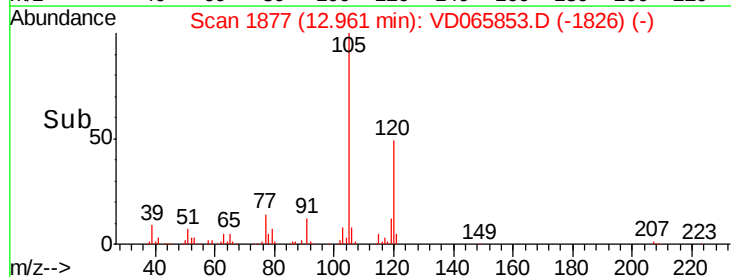
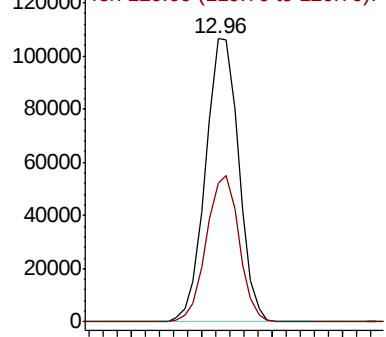


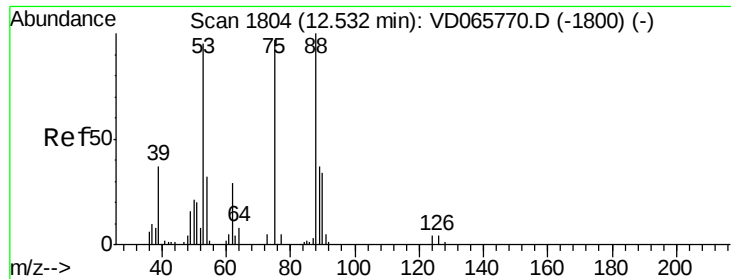
#80
 1,3,5-Trimethylbenzene
 Concen: 22.416 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion: 105 Resp: 175023
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065770.D (-1868) (-)
 Ion 120.00 (119.70 to 120.70): VD065770.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.901 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

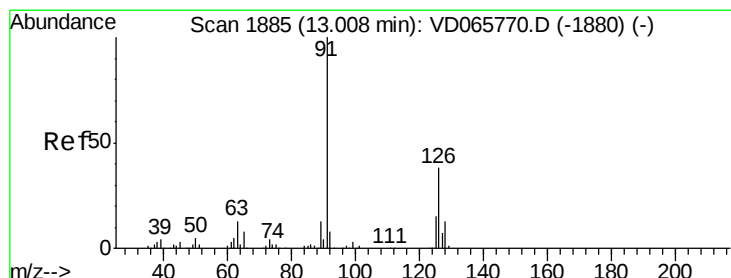
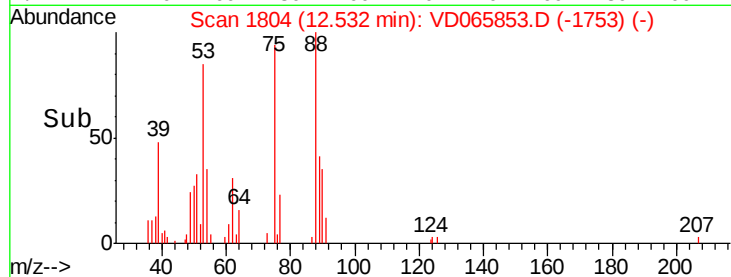
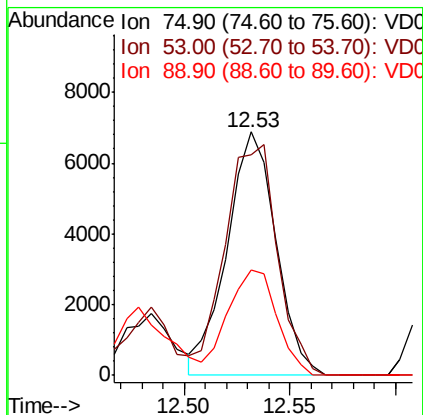
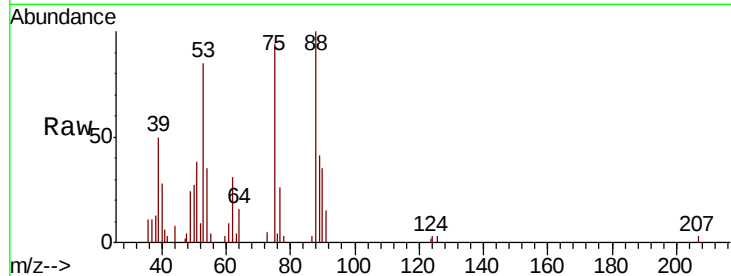
Tot Ion: 75 Resp: 11032

Ion Ratio Lower Upper

75 100

53 101.9 82.6 123.8

89 43.2 35.9 53.9



#82

4-Chlorotoluene

Concen: 22.274 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065853.D

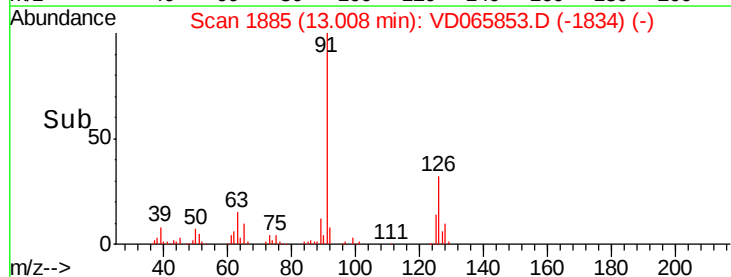
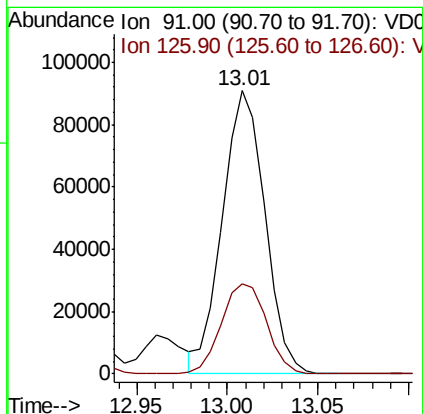
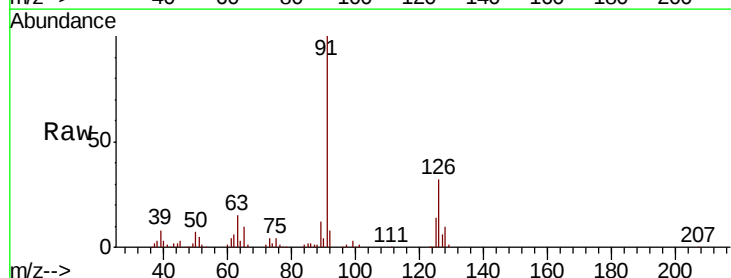
Acq: 23 Jun 2020 12:04

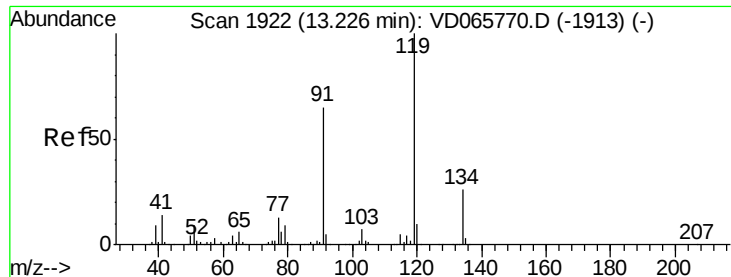
Tgt Ion: 91 Resp: 148125

Ion Ratio Lower Upper

91 100

126 33.9 17.6 52.8

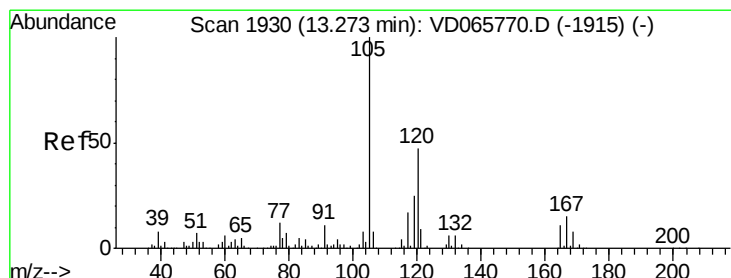
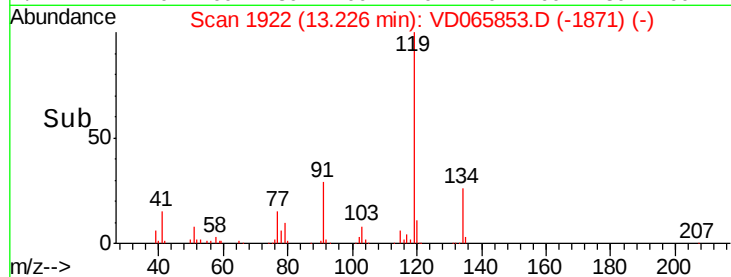
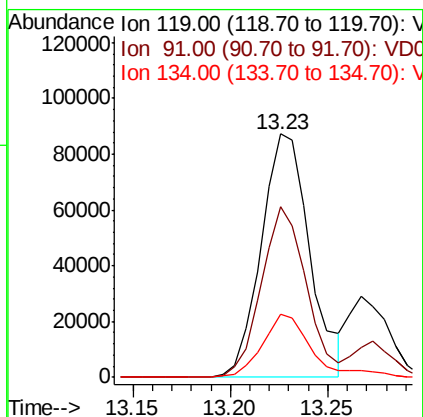
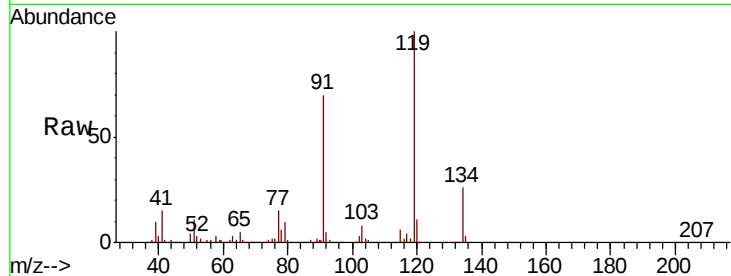




#83
tert-Butylbenzene
Concen: 22.181 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

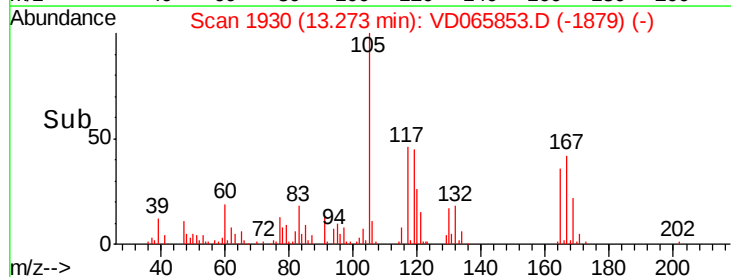
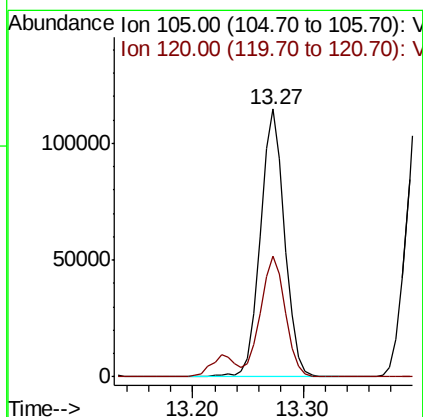
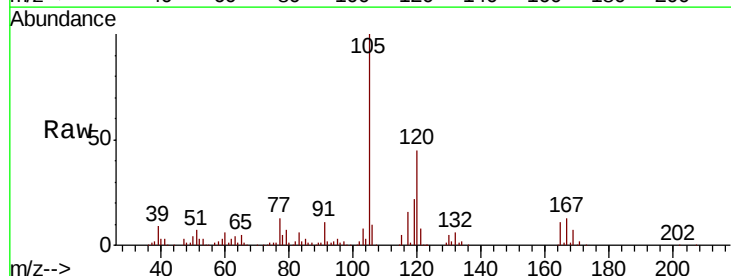
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

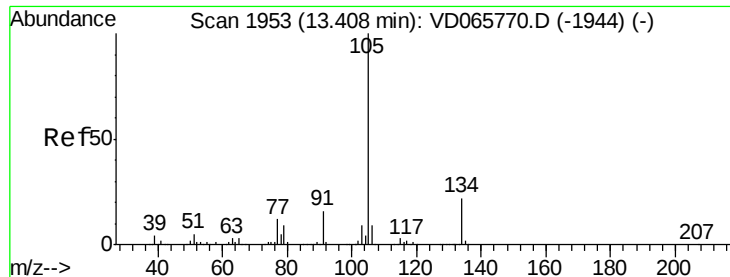
Tot Ion:119 Resp: 150273
Ion Ratio Lower Upper
119 100
91 65.0 32.0 96.0
134 26.7 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 22.533 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion:105 Resp: 176095
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8

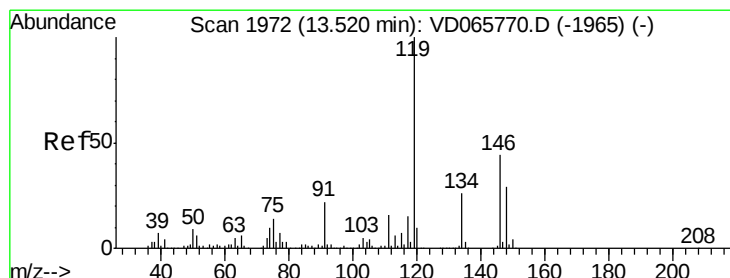
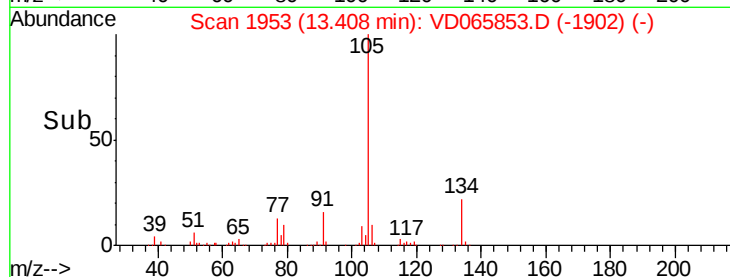
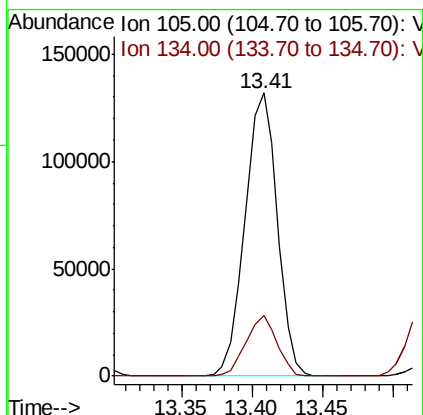
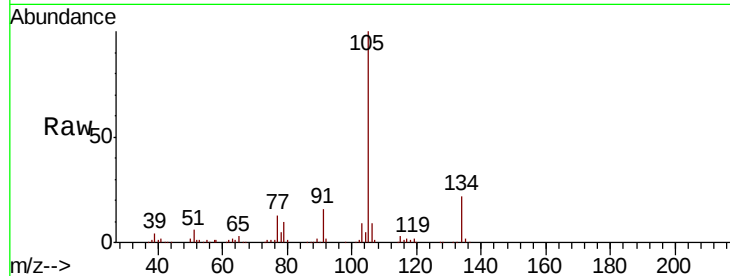




#85
 sec-Butylbenzene
 Concen: 22.548 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

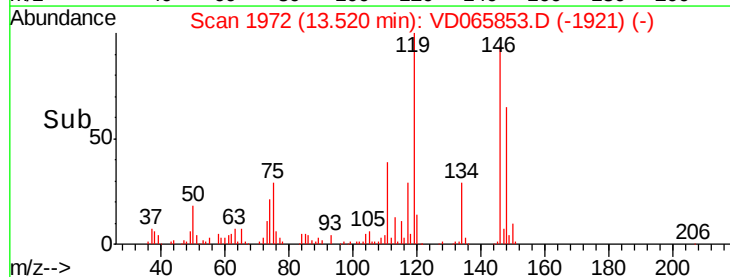
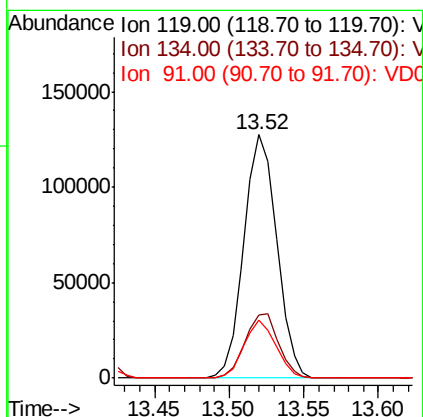
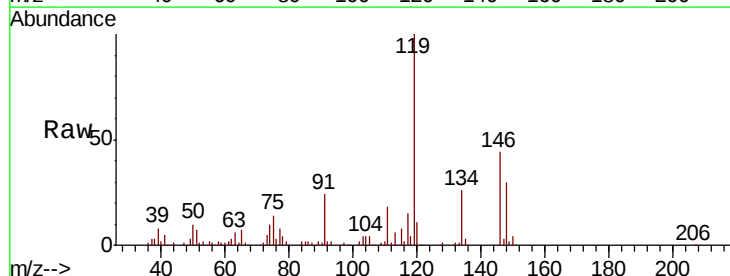
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

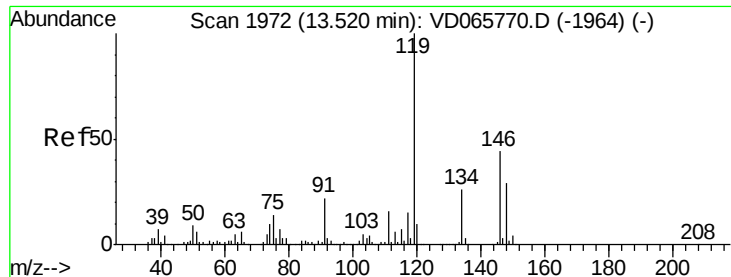
Tot Ion:105 Resp: 212591
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 22.542 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion:119 Resp: 194795
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 23.2 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 21.702 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

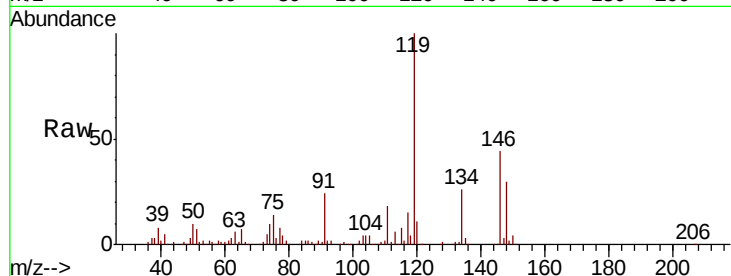
Tot Ion:146 Resp: 94993

Ion Ratio Lower Upper

146 100

111 40.2 19.2 57.6

148 65.8 32.1 96.3

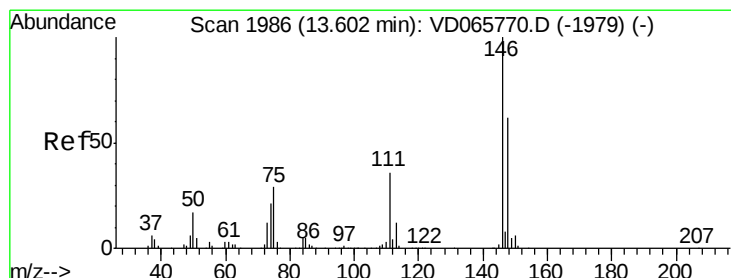
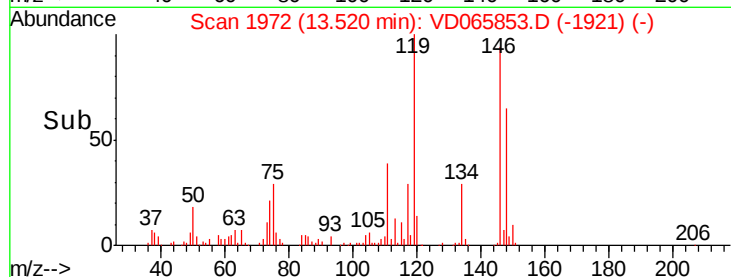
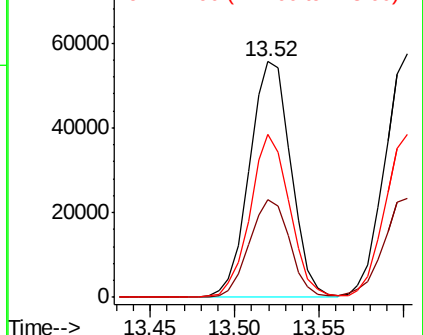


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.593 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

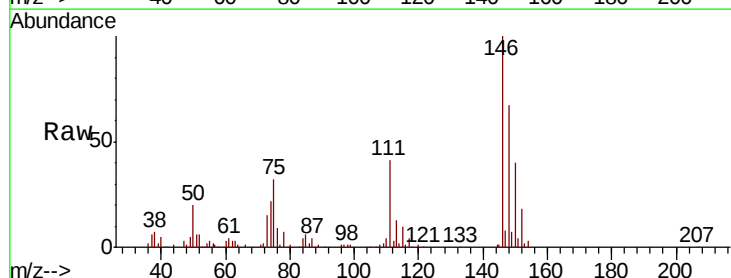
Tgt Ion:146 Resp: 94020

Ion Ratio Lower Upper

146 100

111 40.6 18.9 56.7

148 65.2 31.6 94.7

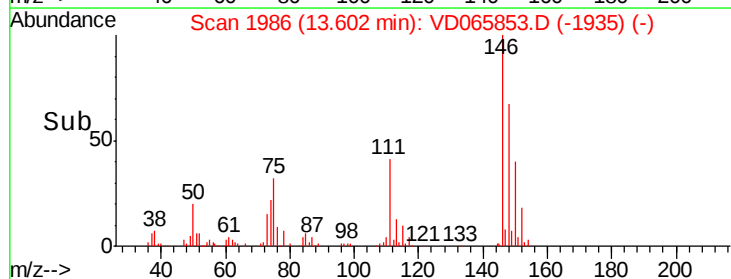
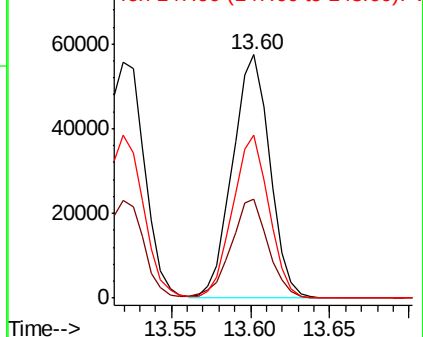


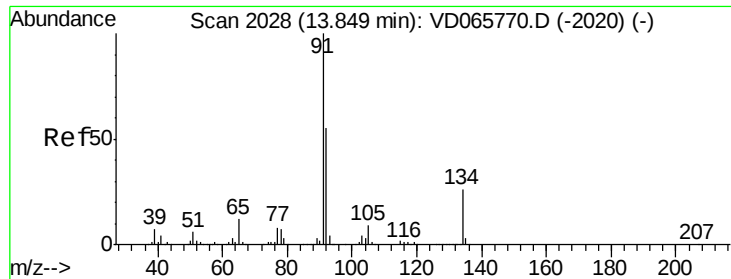
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

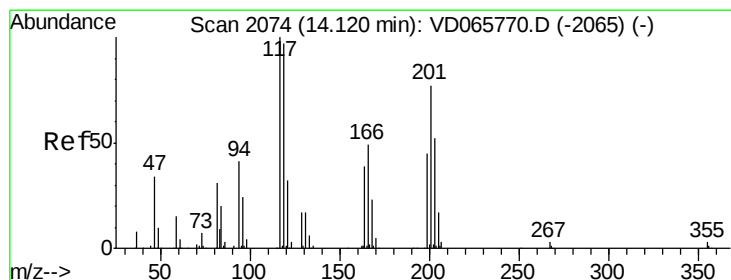
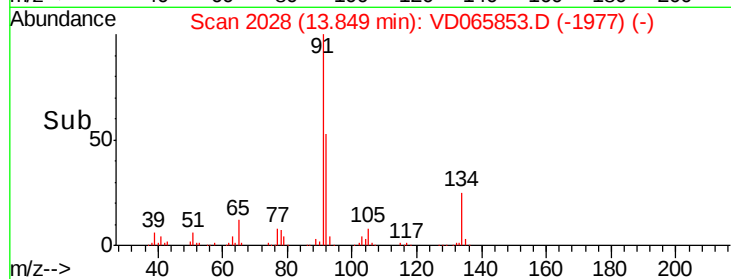
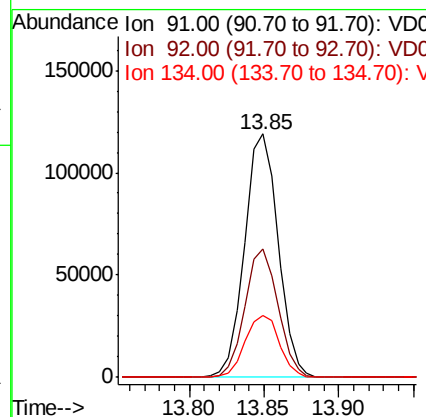
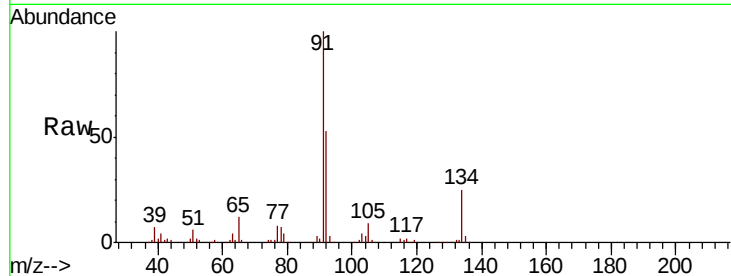




#89
n-Butylbenzene
Concen: 22.478 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

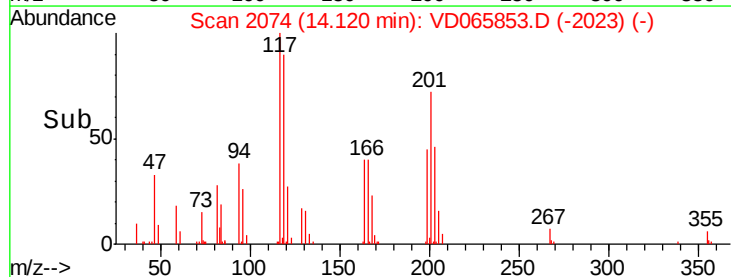
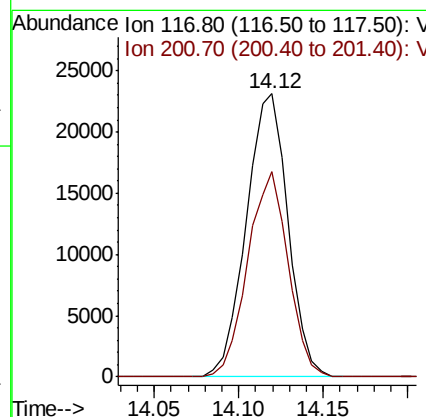
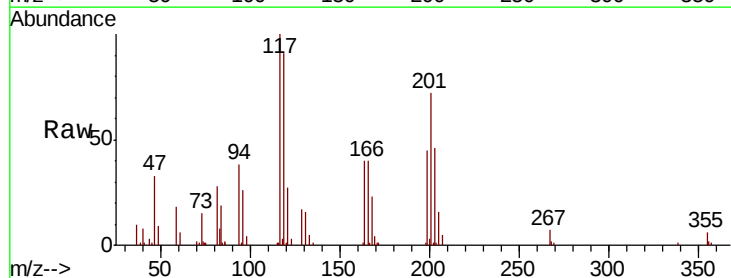
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

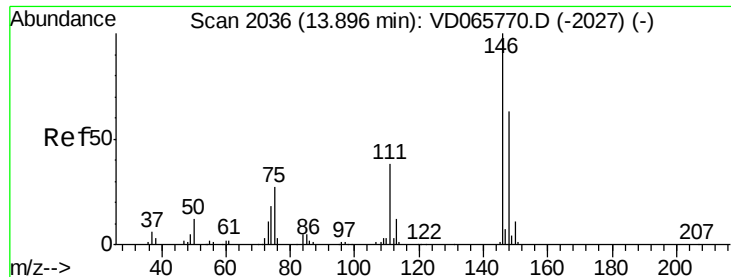
Tot Ion: 91 Resp: 185262
Ion Ratio Lower Upper
91 100
92 52.1 27.0 81.0
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 22.939 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion: 117 Resp: 39678
Ion Ratio Lower Upper
117 100
201 70.2 37.1 111.5

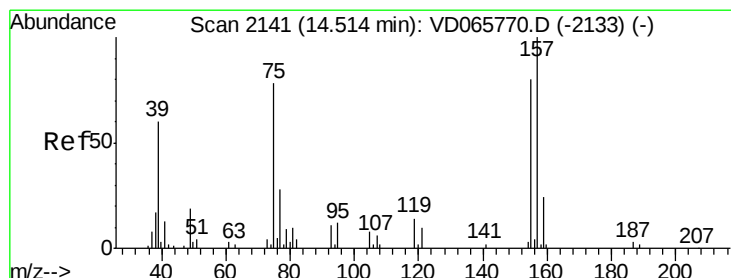
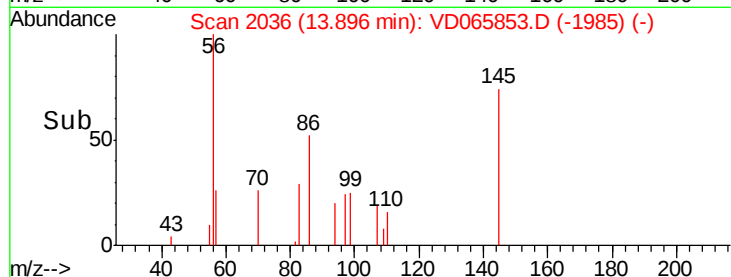
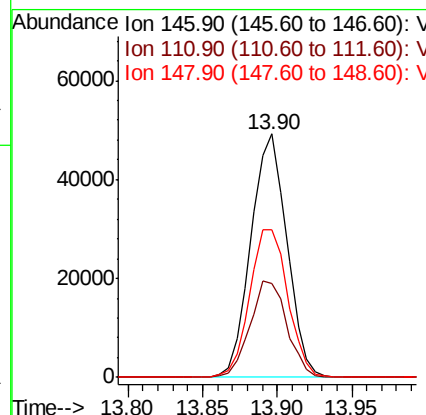
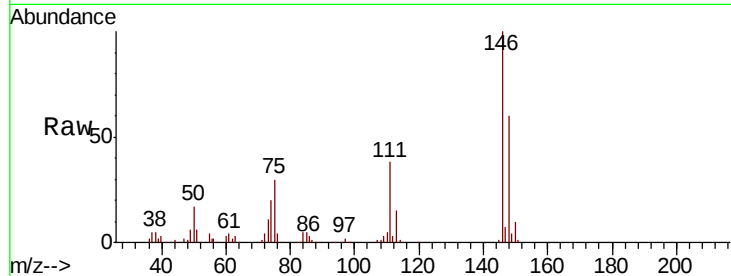




#91
 1,2-Dichlorobenzene
 Concen: 21.724 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

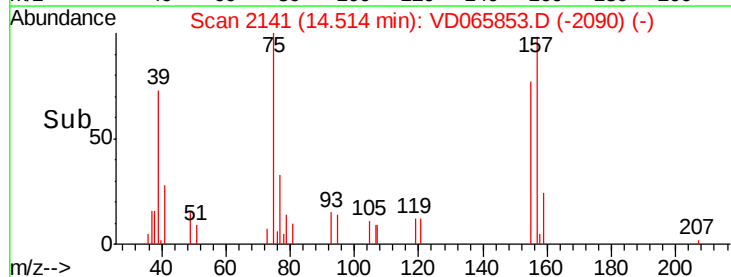
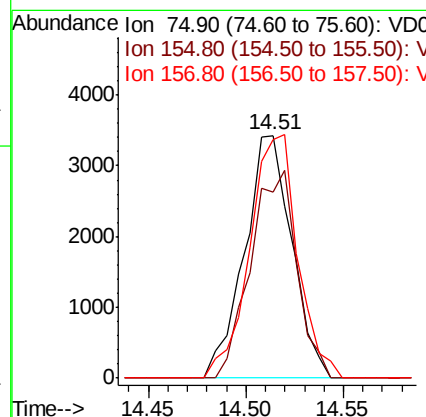
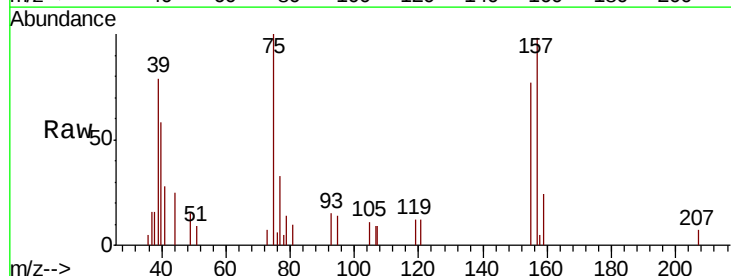
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

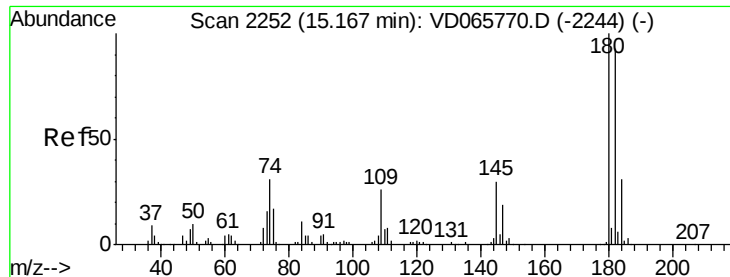
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.8	59.4
148	64.3	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.933 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	46.3	138.9
157	101.2	58.1	174.3

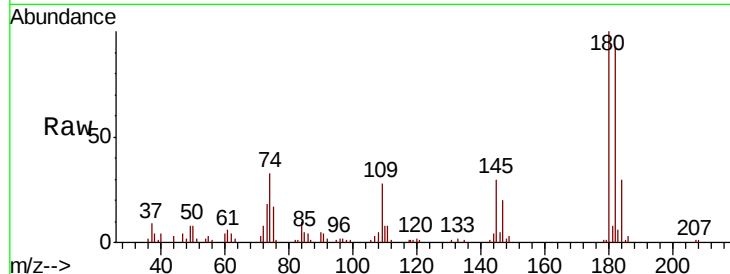




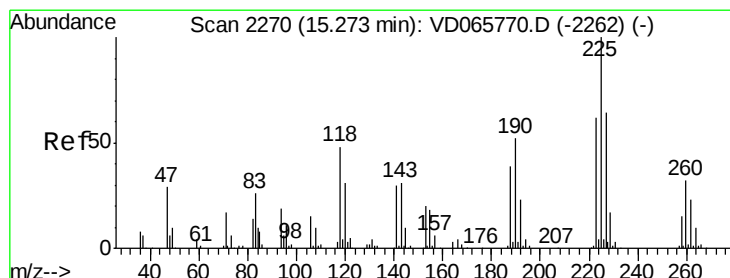
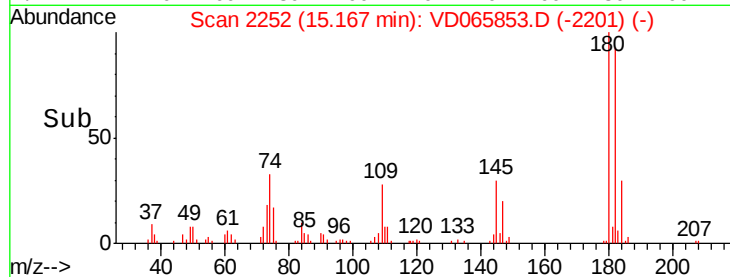
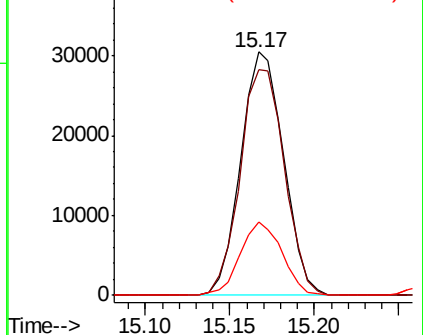
#93
 1,2,4-Trichlorobenzene
 Concen: 20.975 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion:180 Resp: 53723
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.0 144.2
 145 29.3 14.9 44.9

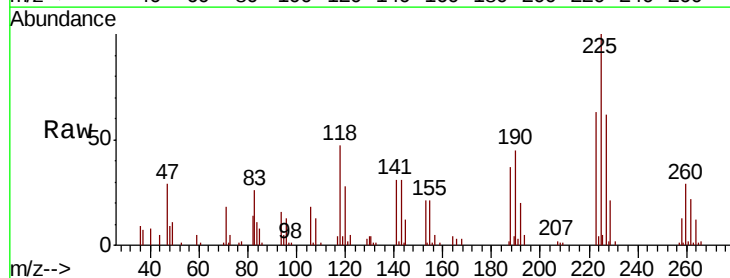


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

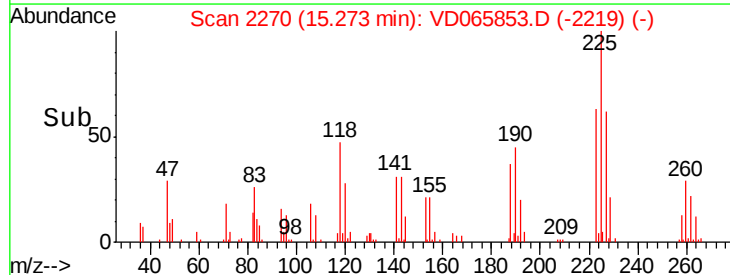
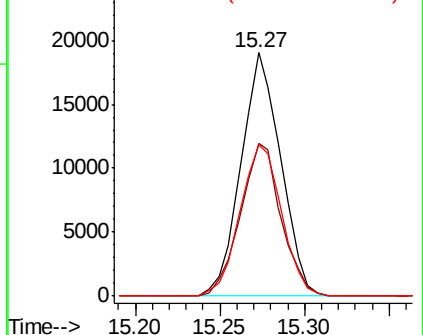


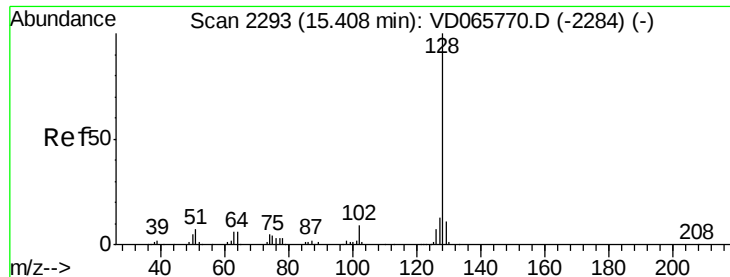
#94
 Hexachlorobutadiene
 Concen: 20.118 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion:225 Resp: 31150
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.9 92.7
 227 65.2 31.9 95.7



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

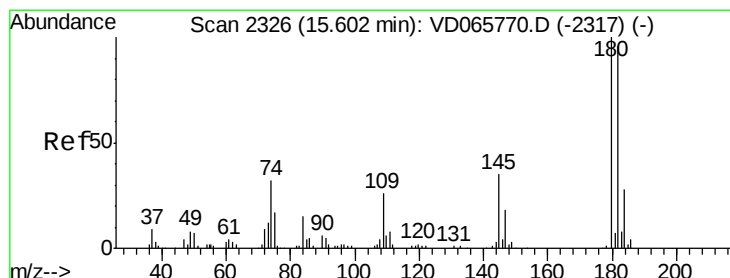
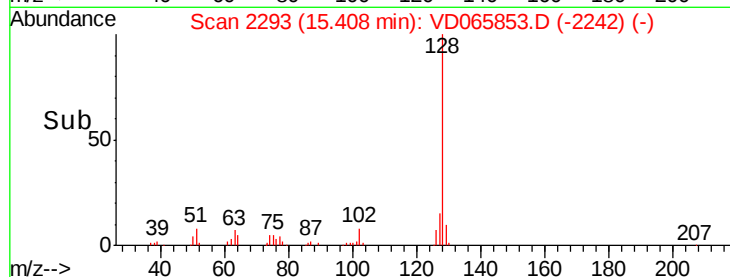
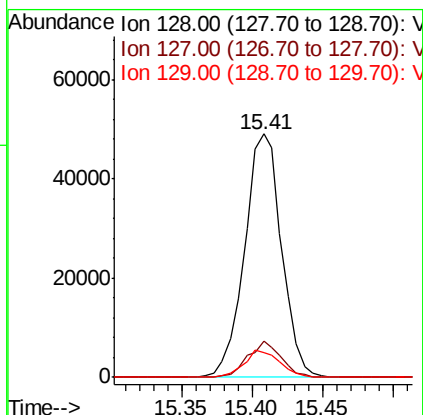
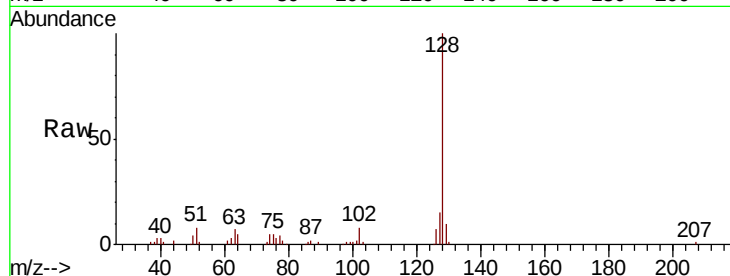




#95
Naphthalene
Concen: 20.717 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion:128 Resp: 89880
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.444 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion:180 Resp: 45098
Ion Ratio Lower Upper
180 100
182 97.4 47.0 141.2
145 31.9 16.2 48.6

