

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065855.D
 Acq On : 23 Jun 2020 12:58
 Operator : VA/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Quant Time: Jun 24 04:40:37 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	197428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	313651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	288777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	100232	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	7.92	113	99063	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.34	98	381078	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.64	95	128582	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	34040	23.548	ug/l	99
3) Chloromethane	2.21	50	56580	22.419	ug/l	98
4) Vinyl Chloride	2.35	62	69998	24.031	ug/l	98
5) Bromomethane	2.76	94	47609	23.372	ug/l	98
6) Chloroethane	2.92	64	45176	22.938	ug/l	99
7) Trichlorofluoromethane	3.27	101	75802	22.969	ug/l	95
8) Diethyl Ether	3.71	74	19375	22.331	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	44862	22.798	ug/l	99
10) Methyl Iodide	4.30	142	39463	20.594	ug/l	99
11) Tert butyl alcohol	5.21	59	15114	119.668	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	40546	22.607	ug/l	97
13) Acrolein	3.93	56	7904	72.133	ug/l	92
14) Allyl chloride	4.71	41	64764	21.848	ug/l	99
15) Acrylonitrile	5.43	53	41743	105.927	ug/l	99
16) Acetone	4.16	43	42924	116.643	ug/l	96
17) Carbon Disulfide	4.40	76	127864	21.241	ug/l	97
18) Methyl Acetate	4.71	43	20246	22.386	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	86201	21.219	ug/l #	90
20) Methylene Chloride	4.97	84	47651	21.880	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	45717	21.765	ug/l	99
22) Diisopropyl ether	6.37	45	131727	21.993	ug/l	98
23) Vinyl Acetate	6.30	43	365585	108.090	ug/l	97
24) 1,1-Dichloroethane	6.26	63	81053	22.210	ug/l	98
25) 2-Butanone	7.21	43	56103	110.391	ug/l	98
26) 2,2-Dichloropropane	7.21	77	70555	21.804	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	48895	21.640	ug/l	97
28) Bromochloromethane	7.54	49	30098	21.354	ug/l	99
29) Tetrahydrofuran	7.57	42	34486	107.364	ug/l	98
30) Chloroform	7.71	83	80802	21.361	ug/l	98
31) Cyclohexane	7.98	56	75871	21.686	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	74444	21.403	ug/l	95
36) 1,1-Dichloropropene	8.11	75	64398	21.433	ug/l	99
37) Ethyl Acetate	7.30	43	24933	21.068	ug/l	99
38) Carbon Tetrachloride	8.10	117	68249	21.584	ug/l #	95

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Quant Time: Jun 24 04:40:37 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)
39) Methylcyclohexane	9.36	83	77360	21.747	ug/l	95
40) Benzene	8.35	78	174739	21.274	ug/l	97
41) Methacrylonitrile	7.53	41	14901	21.146	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	52886	21.339	ug/l	99
43) Isopropyl Acetate	8.46	43	50643	21.520	ug/l	98
44) Trichloroethene	9.11	130	49005	21.439	ug/l	97
45) 1,2-Dichloropropane	9.39	63	43521	21.087	ug/l	94
46) Dibromomethane	9.48	93	23232	20.755	ug/l	95
47) Bromodichloromethane	9.67	83	65315	21.775	ug/l	100
48) Methyl methacrylate	9.46	41	22288	19.566	ug/l	93
49) 1,4-Dioxane	9.46	88	4946	415.141	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	123789	107.348	ug/l	95
52) Toluene	10.41	92	116264	21.784	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	58258	21.449	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	69183	21.567	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	31249	20.894	ug/l	95
56) Ethyl methacrylate	10.66	69	36356	20.667	ug/l	97
57) 1,3-Dichloropropane	10.95	76	54960	21.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	81901	100.141	ug/l	100
59) 2-Hexanone	10.99	43	84334	108.476	ug/l	100
60) Dibromochloromethane	11.14	129	42499	21.035	ug/l	99
61) 1,2-Dibromoethane	11.25	107	31209	21.233	ug/l	99
64) Tetrachloroethene	10.88	164	41381	21.191	ug/l	99
65) Chlorobenzene	11.67	112	120021	21.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	43557	20.727	ug/l	96
67) Ethyl Benzene	11.75	91	213786	21.228	ug/l	94
68) m/p-Xylenes	11.86	106	164701	42.457	ug/l	97
69) o-Xylene	12.18	106	75768	21.662	ug/l	98
70) Styrene	12.20	104	131384	21.699	ug/l	98
71) Bromoform	12.36	173	23324	20.155	ug/l #	97
73) Isopropylbenzene	12.48	105	208070	21.119	ug/l	99
74) N-amyl acetate	12.29	43	45500	20.758	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	34610	20.801	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	45947	40.205	ug/l #	100
77) Bromobenzene	12.77	156	48722	20.902	ug/l	98
78) n-propylbenzene	12.83	91	253862	21.406	ug/l	98
79) 2-Chlorotoluene	12.91	91	139345	21.419	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	174470	21.280	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	10773	20.368	ug/l	98
82) 4-Chlorotoluene	13.01	91	149193	21.365	ug/l	99
83) tert-Butylbenzene	13.23	119	152317	21.411	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	173662	21.162	ug/l	100
85) sec-Butylbenzene	13.41	105	210444	21.257	ug/l	98
86) p-Isopropyltoluene	13.52	119	193659	21.342	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	94805	20.627	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	94136	20.590	ug/l	98
89) n-Butylbenzene	13.85	91	185469	21.431	ug/l	99
90) Hexachloroethane	14.11	117	38403	21.144	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	81218	20.533	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5923	21.390	ug/l	93

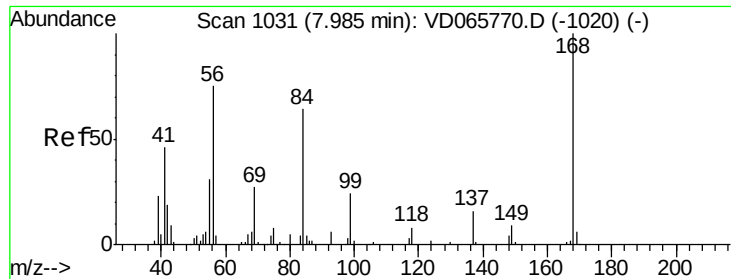
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062320\
Data File : VD065855.D
Acq On : 23 Jun 2020 12:58
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Sample : VD0623SBS01
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MSVOA_D
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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	55222	20.533	ug/l	99
94) Hexachlorobutadiene	15.27	225	32003	19.684	ug/l	97
95) Naphthalene	15.41	128	87588	19.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	46487	20.069	ug/l	99

(#) = 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: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

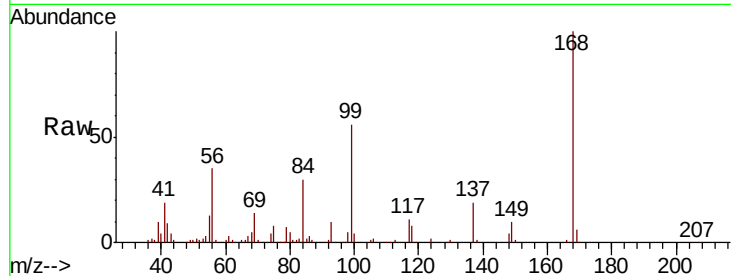
VD0623SBS01

Tot Ion:168 Resp: 197428

Ion Ratio Lower Upper

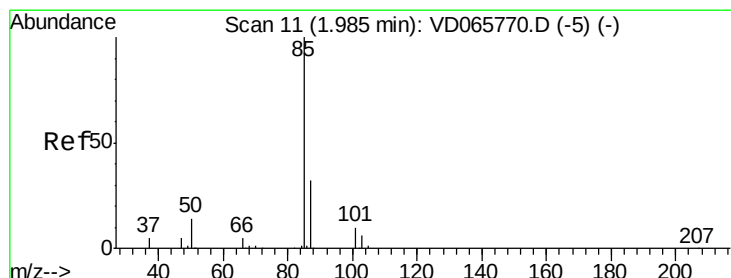
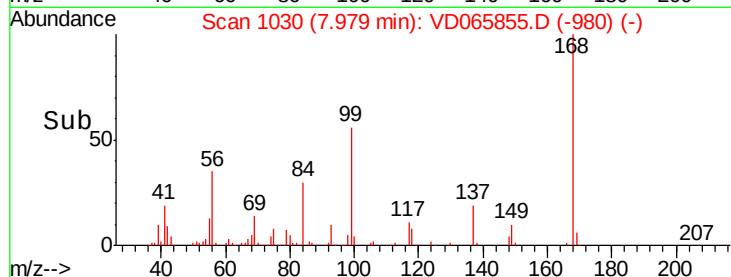
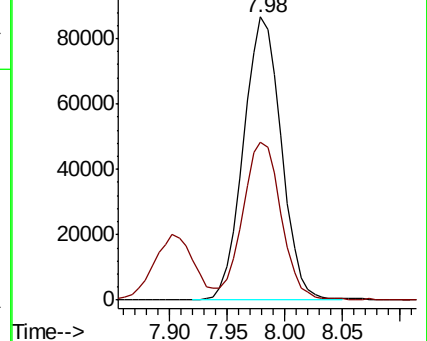
168 100

99 55.3 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: 23.548 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065855.D

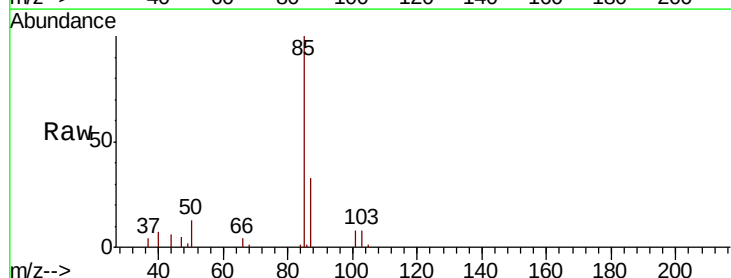
Acq: 23 Jun 2020 12:58

Tgt Ion: 85 Resp: 34040

Ion Ratio Lower Upper

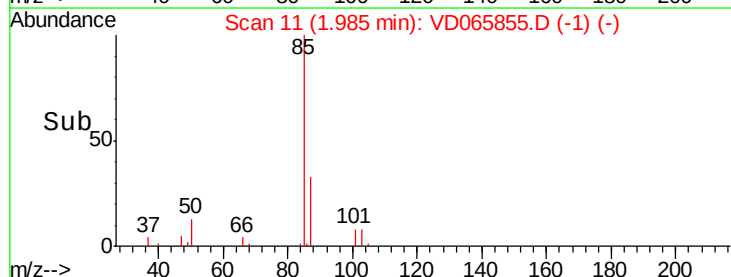
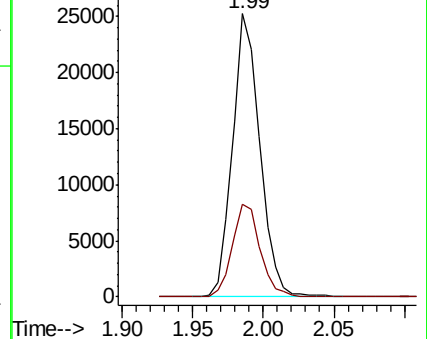
85 100

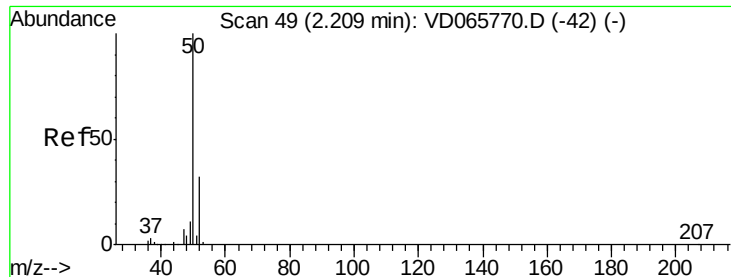
87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 22.419 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

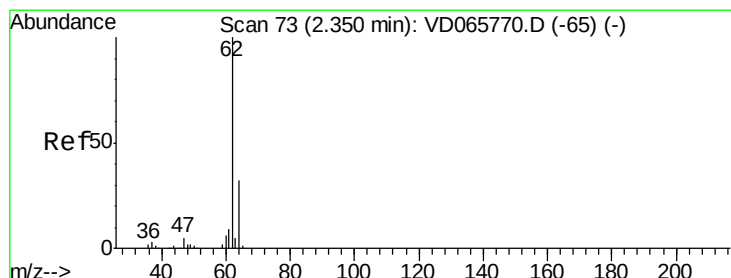
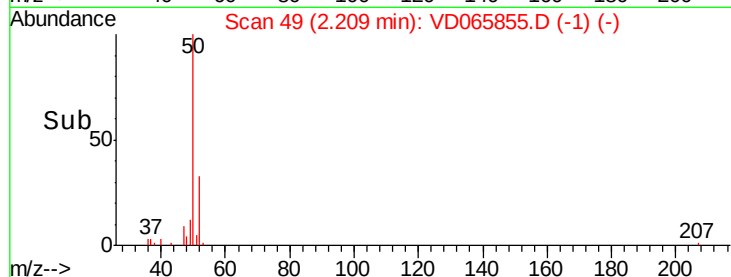
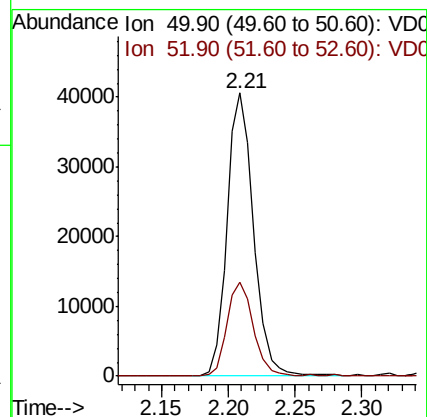
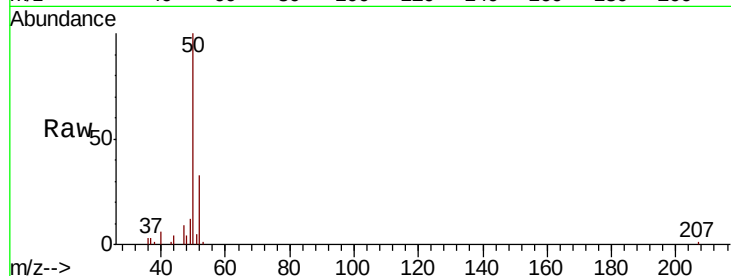
VD0623SBS01

Tot Ion: 50 Resp: 56580

Ion Ratio Lower Upper

50 100

52 33.2 25.6 38.4



#4

Vinyl Chloride

Concen: 24.031 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065855.D

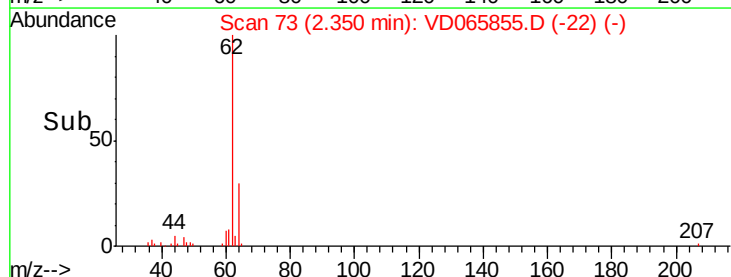
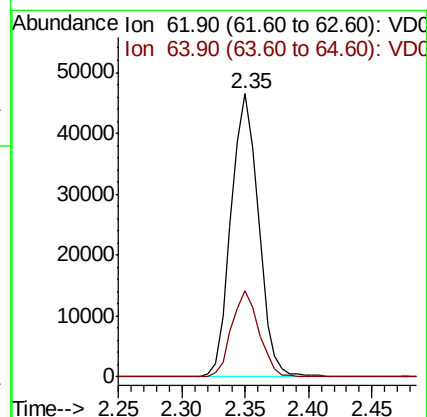
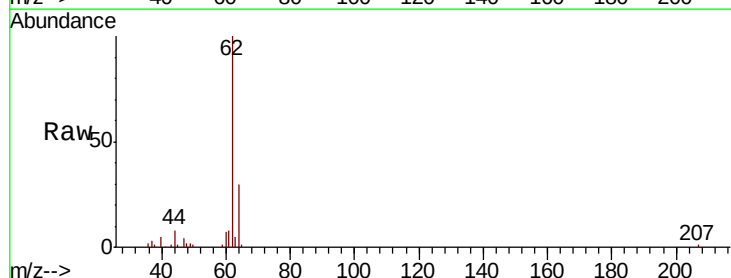
Acq: 23 Jun 2020 12:58

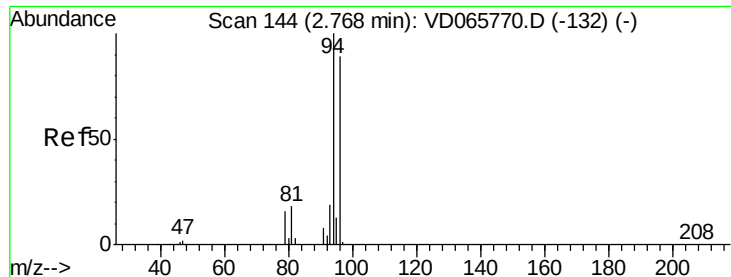
Tgt Ion: 62 Resp: 69998

Ion Ratio Lower Upper

62 100

64 30.3 25.3 37.9





#5

Bromomethane

Concen: 23.372 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

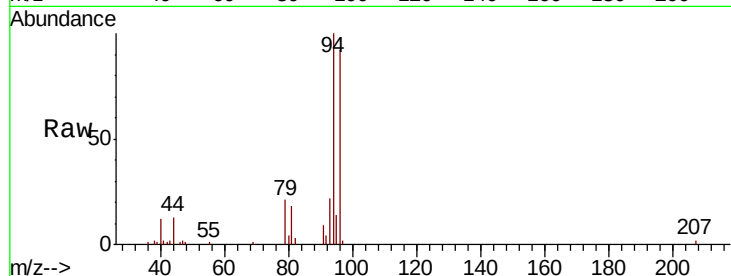
VD0623SBS01

Tot Ion: 94 Resp: 47609

Ion Ratio Lower Upper

94 100

96 91.4 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

25000

20000

15000

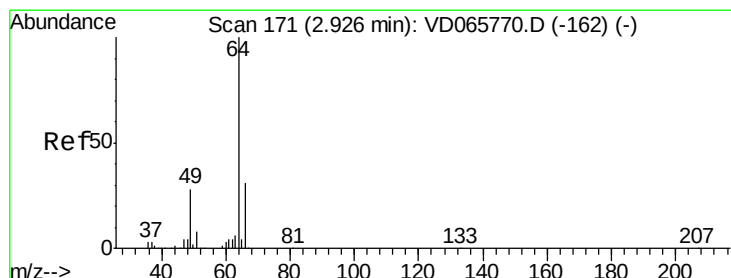
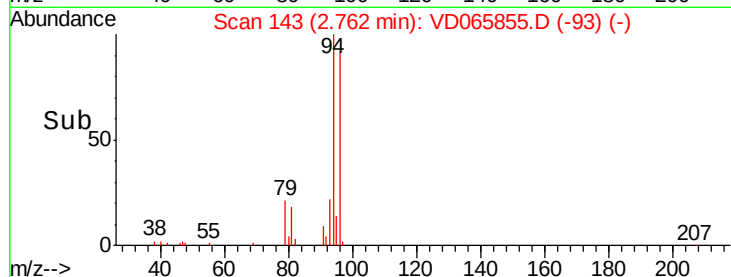
10000

5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 22.938 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065855.D

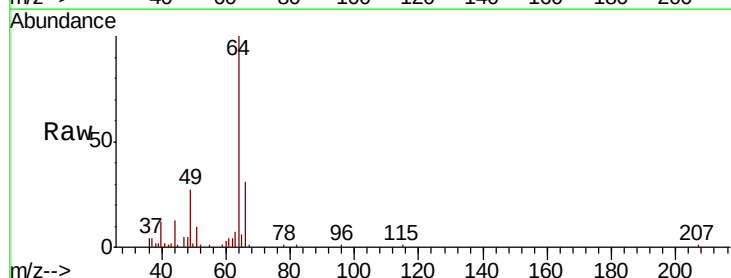
Acq: 23 Jun 2020 12:58

Tgt Ion: 64 Resp: 45176

Ion Ratio Lower Upper

64 100

66 31.0 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

25000

20000

15000

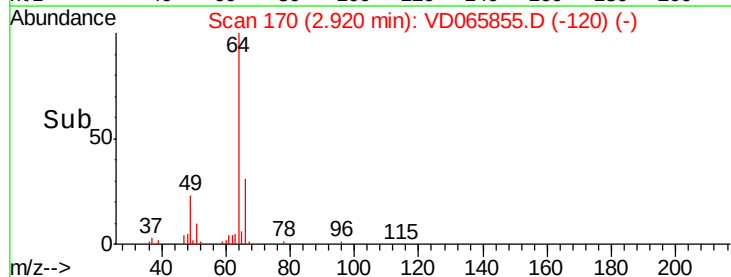
10000

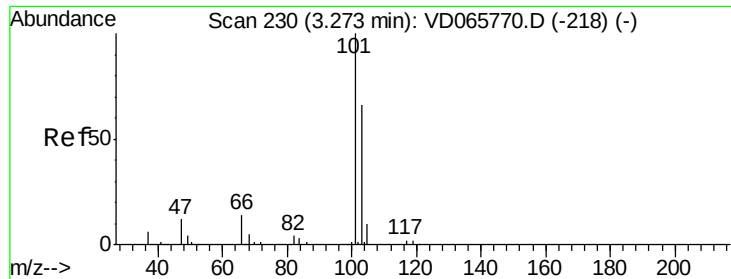
5000

0

Time-->

2.80 2.90 3.00



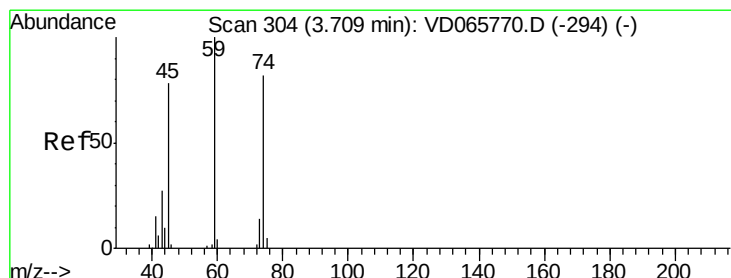
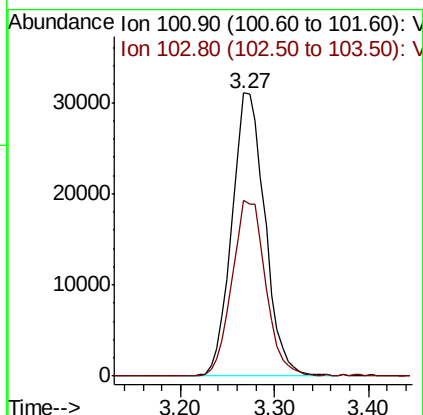
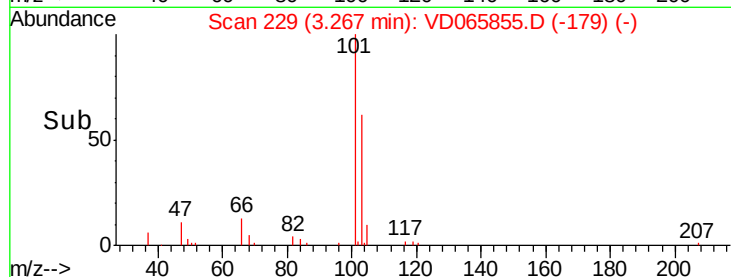
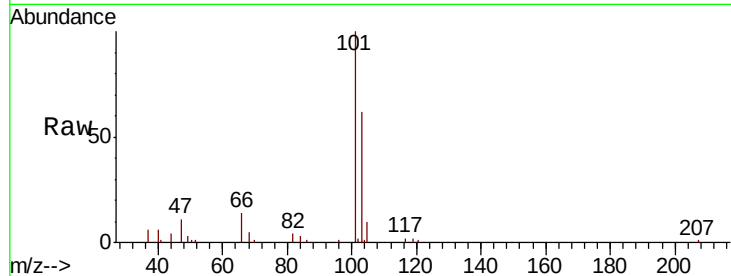


#7

Trichlorofluoromethane
 Concen: 22.969 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

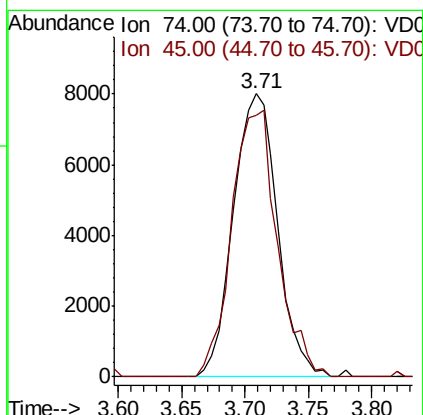
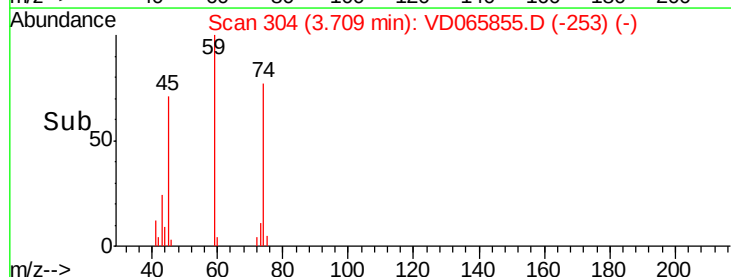
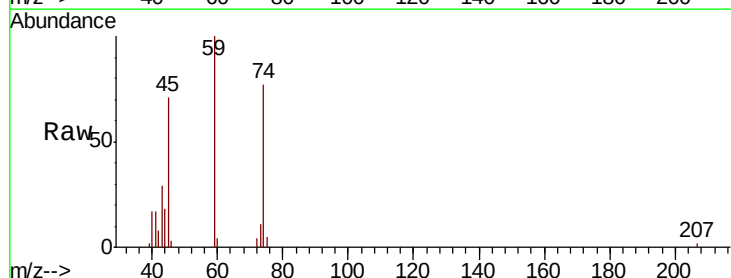
Tot Ion:101 Resp: 75802
 Ion Ratio Lower Upper
 101 100
 103 62.2 53.1 79.7

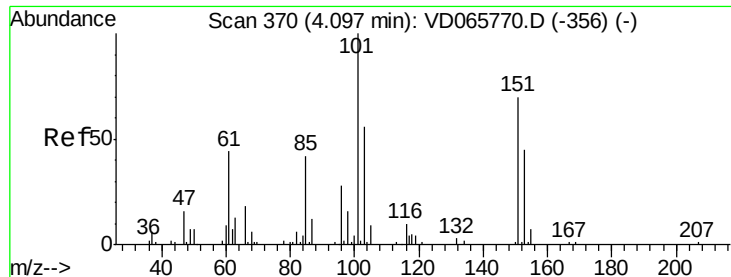


#8

Diethyl Ether
 Concen: 22.331 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 74 Resp: 19375
 Ion Ratio Lower Upper
 74 100
 45 97.6 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.798 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

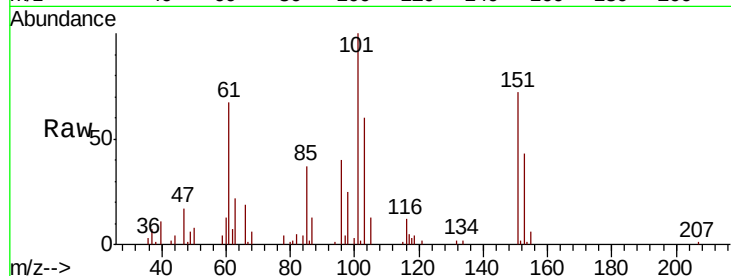
Tot Ion:101 Resp: 44862

Ion Ratio Lower Upper

101 100

85 45.2 36.5 54.7

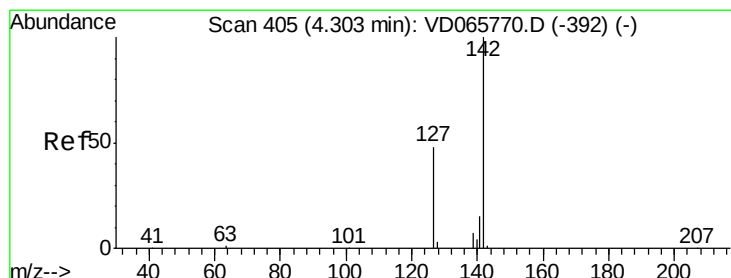
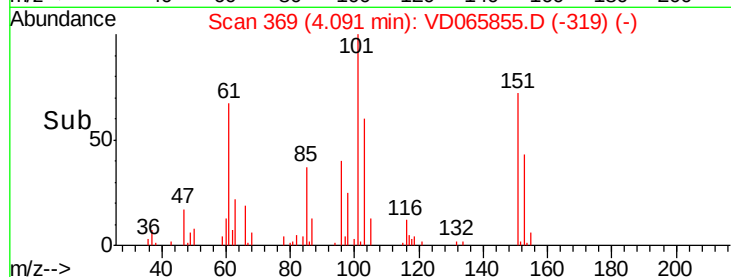
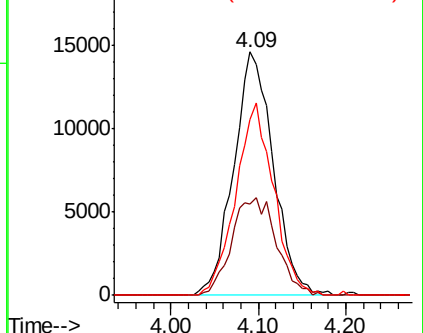
151 75.8 61.8 92.6



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: 20.594 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

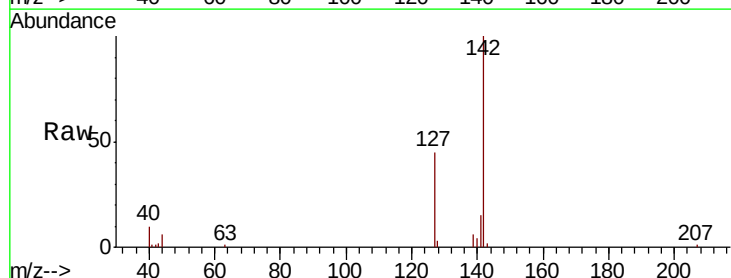
Tgt Ion:142 Resp: 39463

Ion Ratio Lower Upper

142 100

127 47.3 37.6 56.4

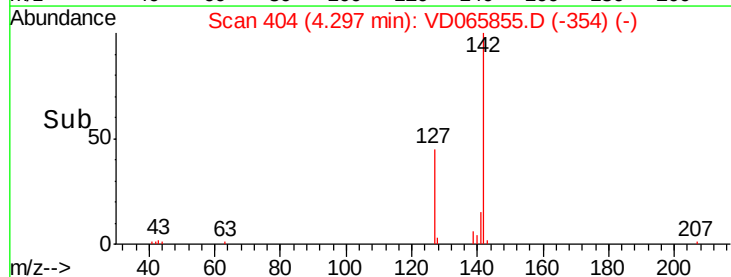
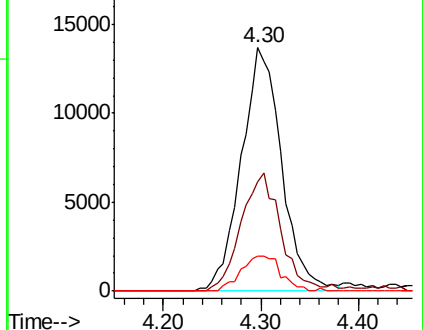
141 14.3 12.1 18.1

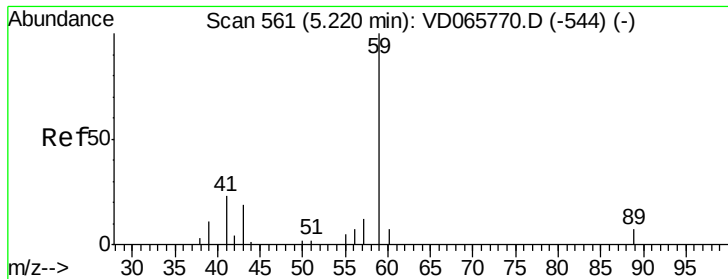


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



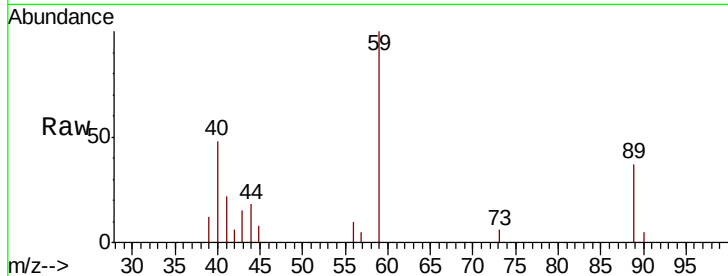


#11

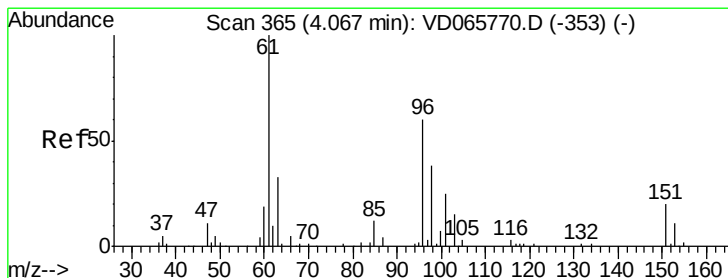
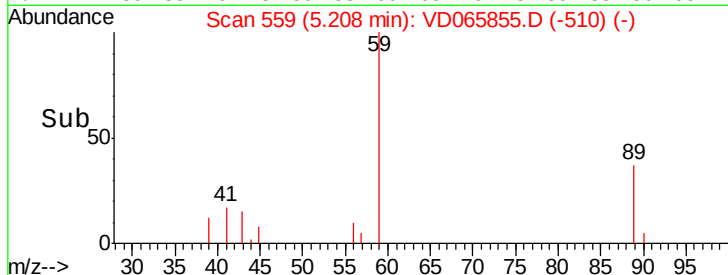
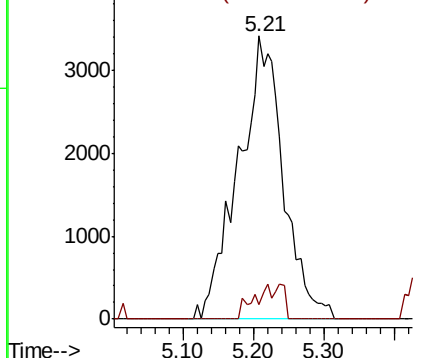
Tert butyl alcohol
 Concen: 119.668 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion: 59 Resp: 15114
 Ion Ratio Lower Upper
 59 100
 57 4.9 7.5 11.3#



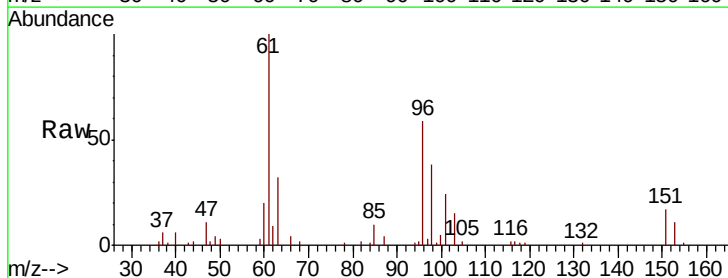
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



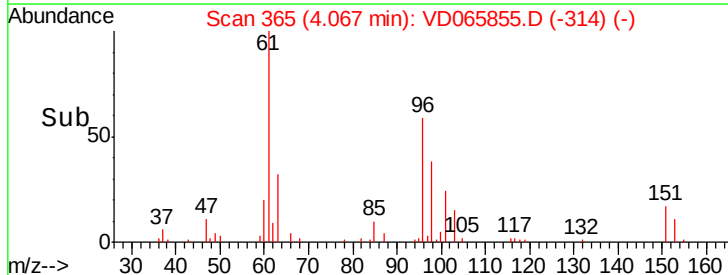
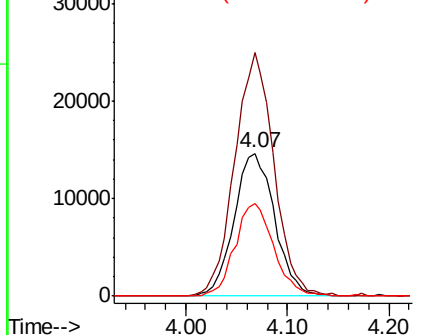
#12

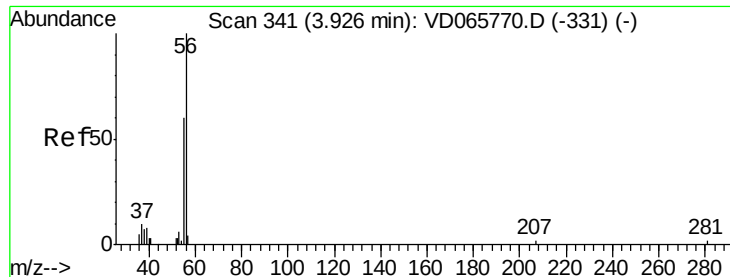
1,1-Dichloroethene
 Concen: 22.607 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 96 Resp: 40546
 Ion Ratio Lower Upper
 96 100
 61 170.6 132.3 198.5
 98 65.0 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: 72.133 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

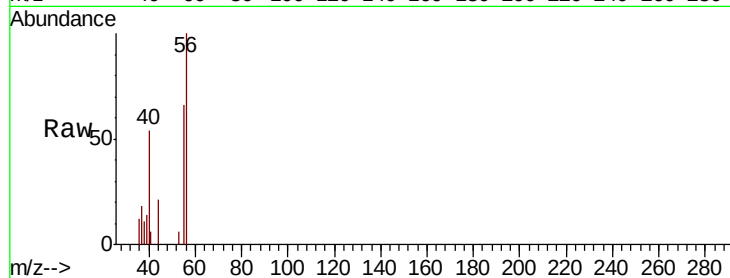
VD0623SBS01

Tot Ion: 56 Resp: 7904

Ion Ratio Lower Upper

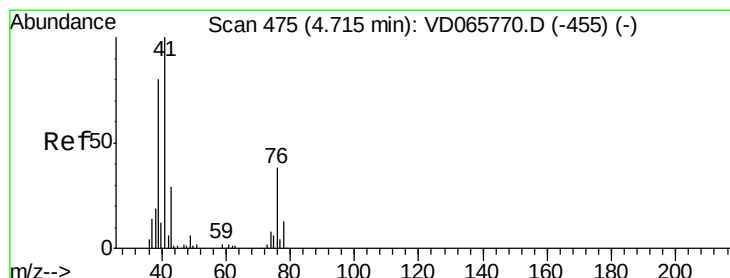
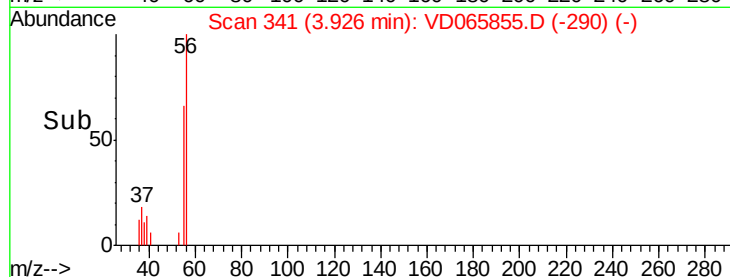
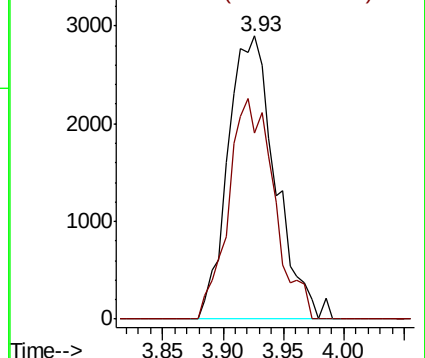
56 100

55 75.1 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.848 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

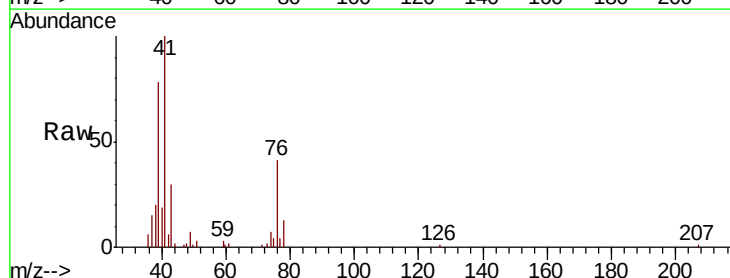
Tgt Ion: 41 Resp: 64764

Ion Ratio Lower Upper

41 100

39 76.9 60.9 91.3

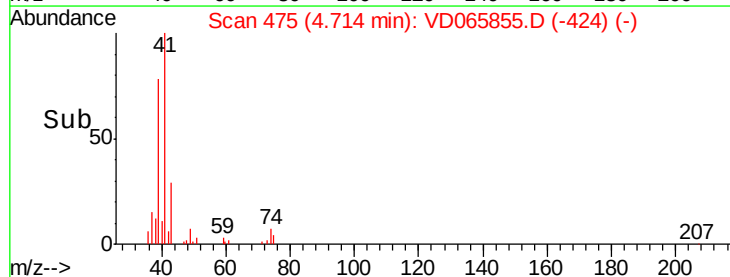
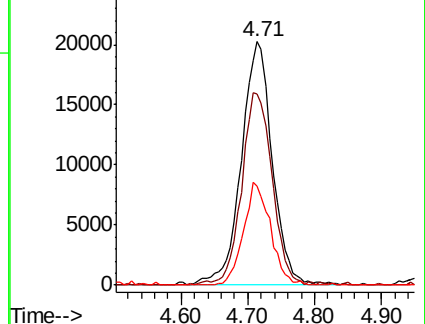
76 36.6 28.9 43.3

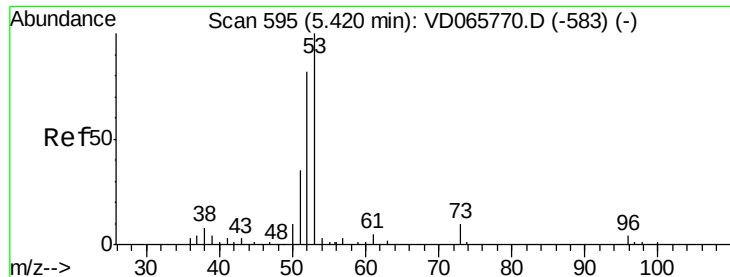


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 105.927 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

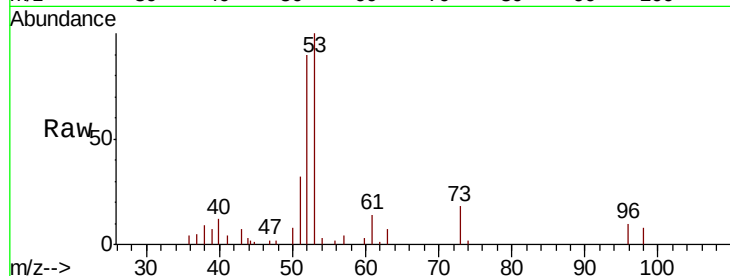
Tot Ion: 53 Resp: 41743

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

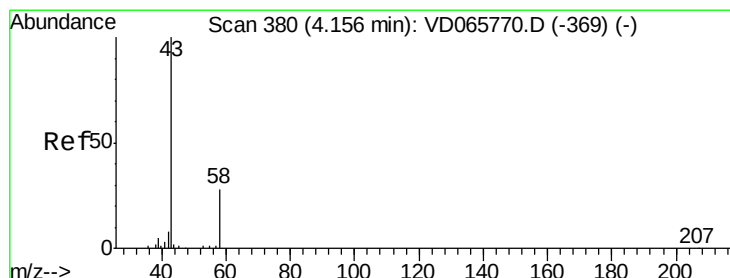
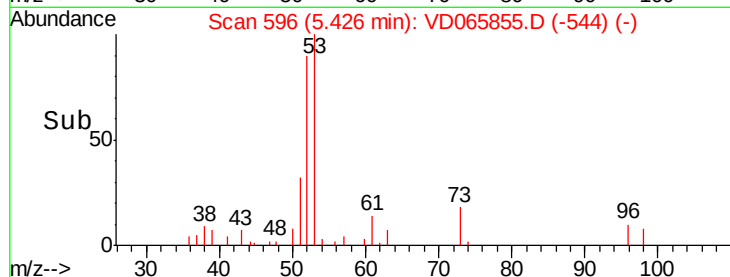
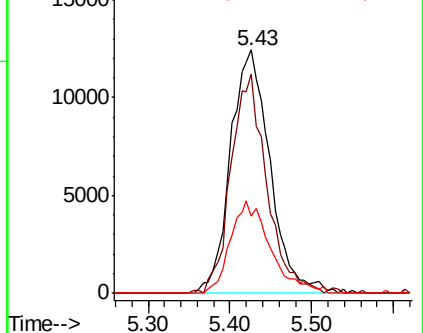
51 38.5 30.7 46.1



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: 116.643 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065855.D

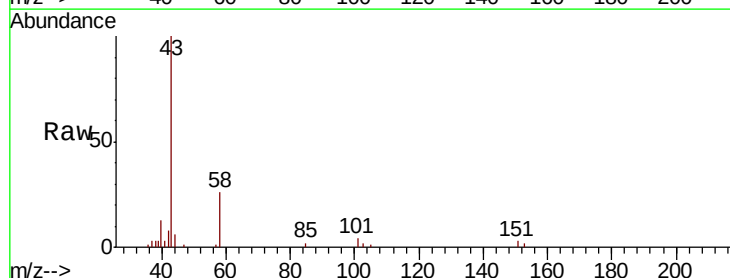
Acq: 23 Jun 2020 12:58

Tgt Ion: 43 Resp: 42924

Ion Ratio Lower Upper

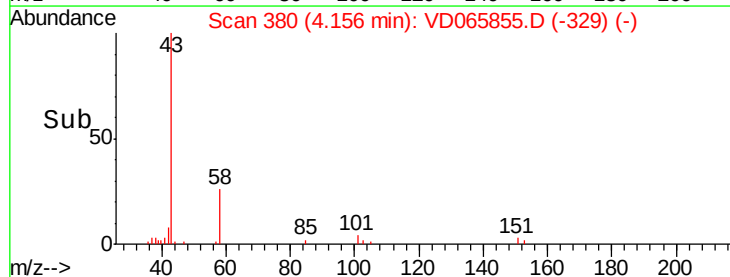
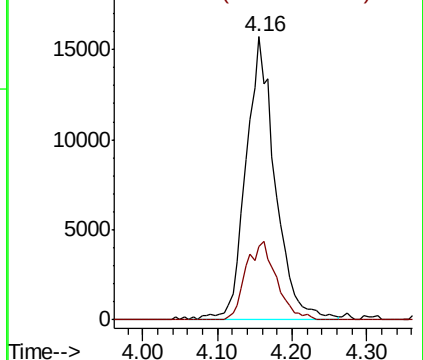
43 100

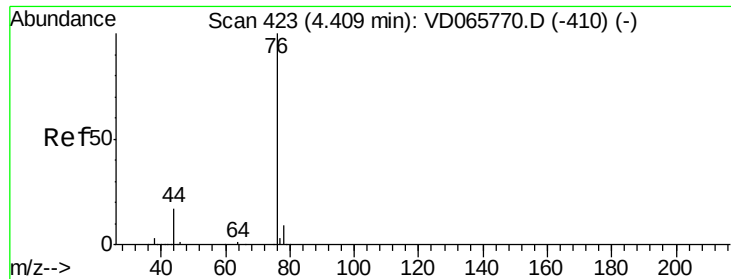
58 25.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

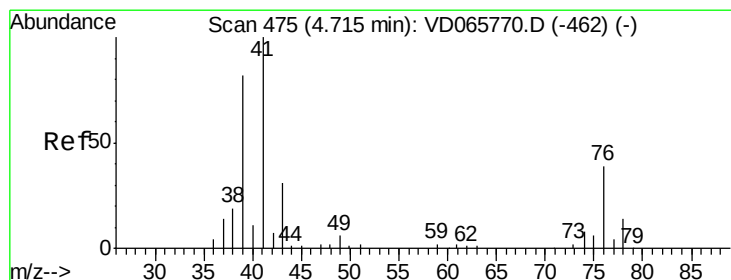
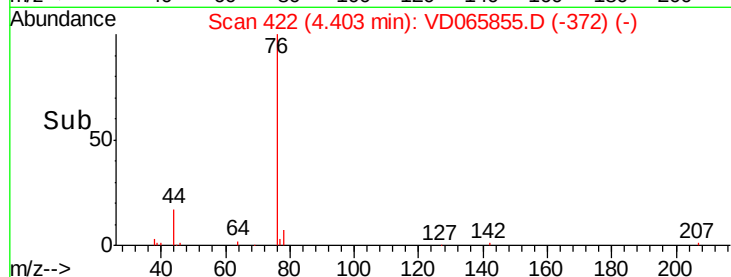
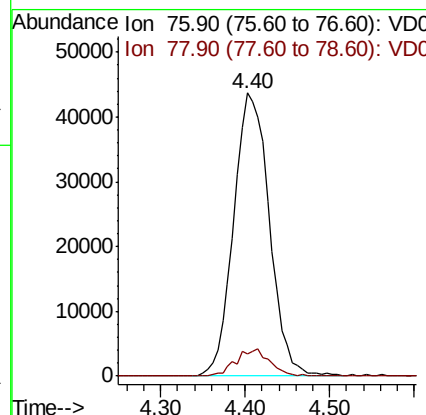
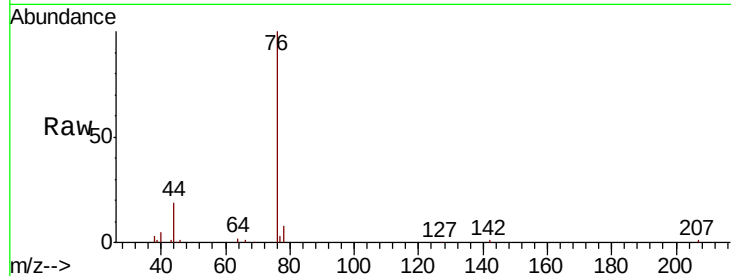




#17
Carbon Disulfide
Concen: 21.241 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

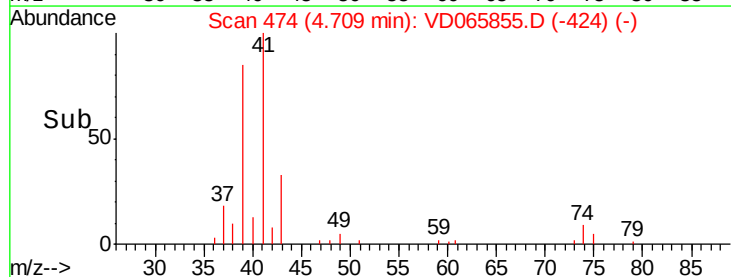
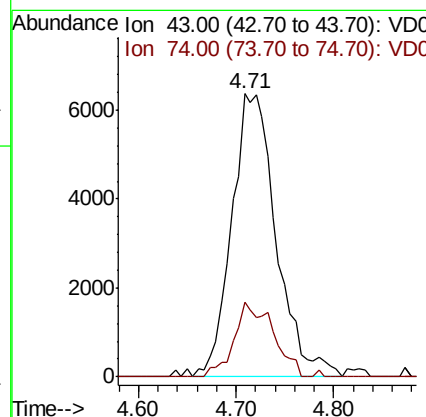
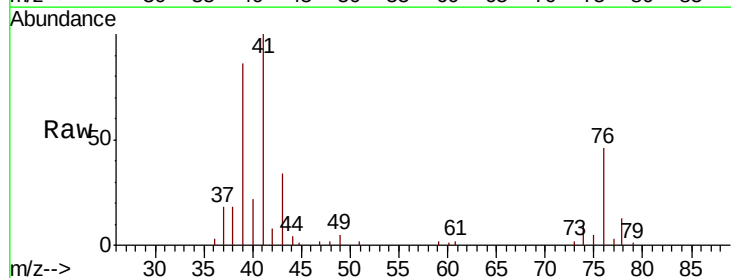
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

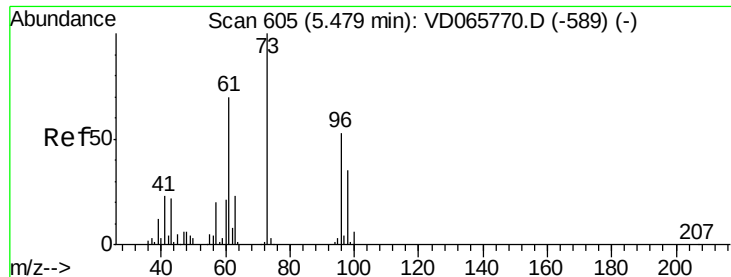
Tot Ion: 76 Resp: 127864
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7



#18
Methyl Acetate
Concen: 22.386 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 43 Resp: 20246
Ion Ratio Lower Upper
43 100
74 23.1 18.7 28.1



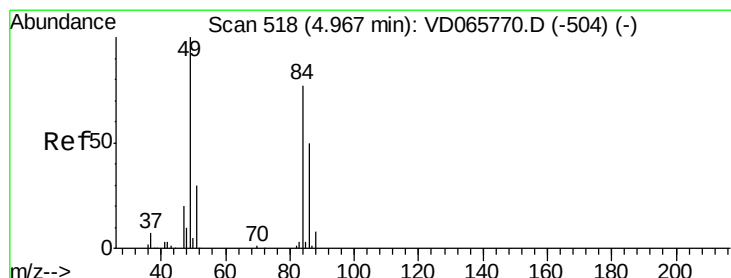
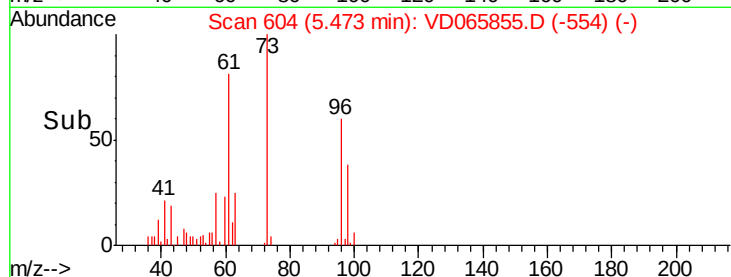
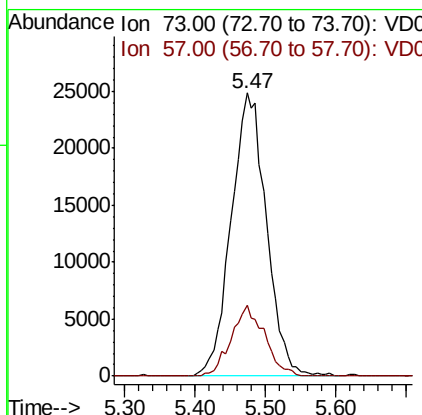
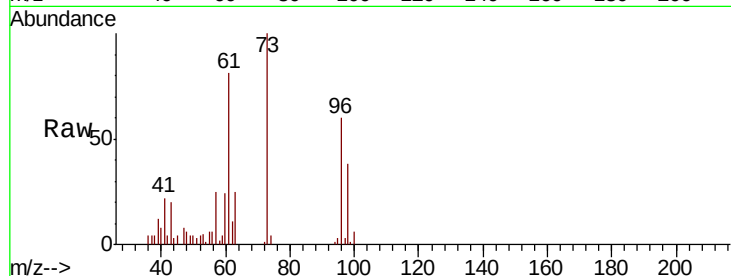


#19

Methyl tert-butyl Ether
 Concen: 21.219 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0623SBS01

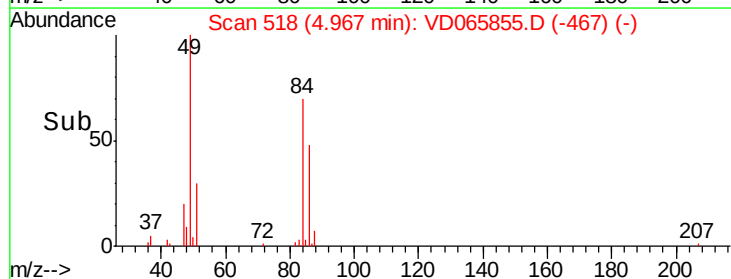
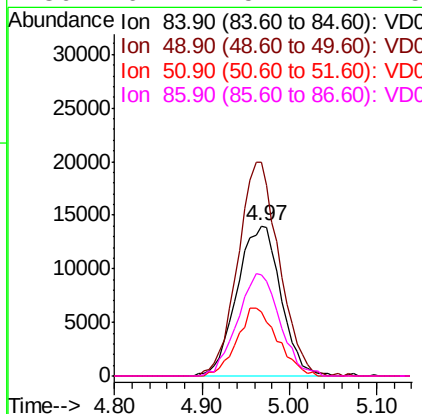
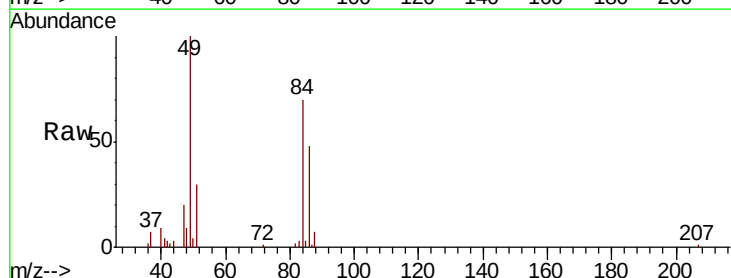
Tot Ion: 73 Resp: 86201
 Ion Ratio Lower Upper
 73 100
 57 24.8 16.2 24.2#

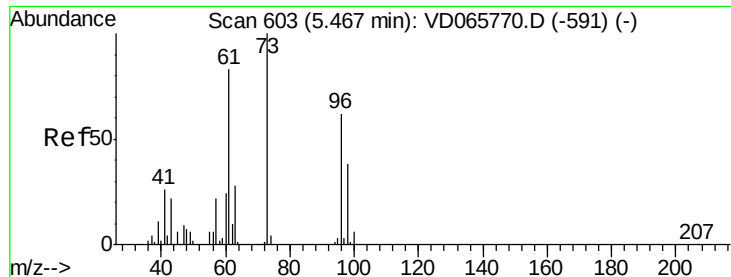


#20

Methylene Chloride
 Concen: 21.880 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 84 Resp: 47651
 Ion Ratio Lower Upper
 84 100
 49 142.3 103.4 155.0
 51 42.4 31.4 47.2
 86 67.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 21.765 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

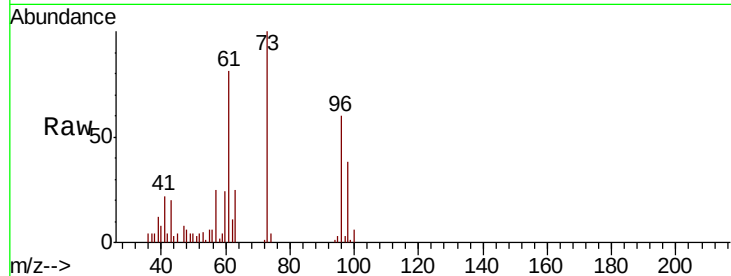
Tot Ion: 96 Resp: 45717

Ion Ratio Lower Upper

96 100

61 134.9 107.7 161.5

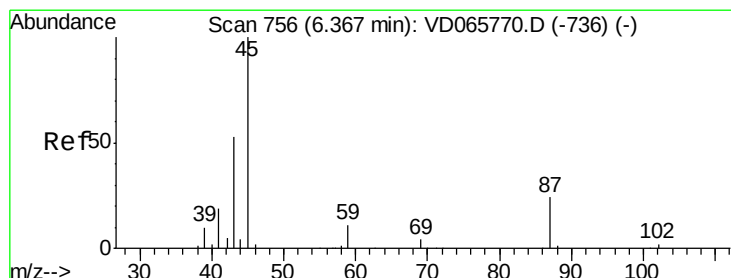
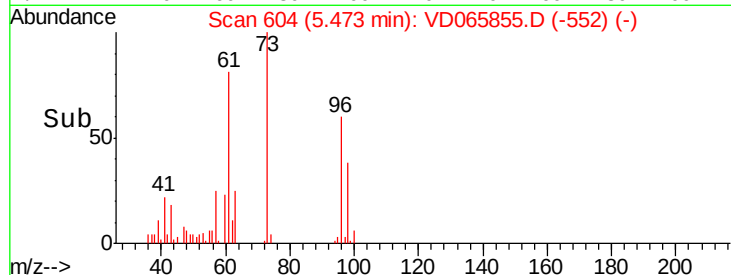
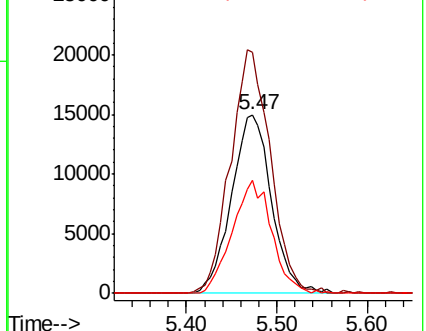
98 63.1 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 21.993 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion: 45 Resp: 131727

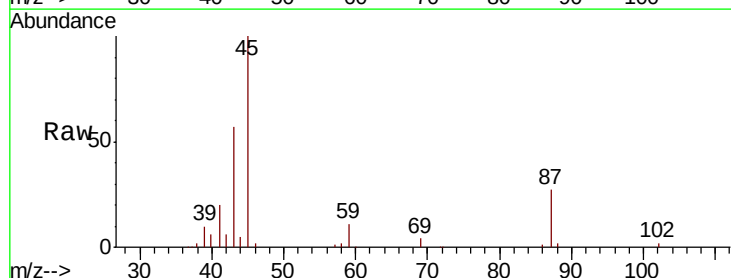
Ion Ratio Lower Upper

45 100

43 56.0 43.4 65.0

87 26.6 20.2 30.4

59 11.4 9.4 14.0

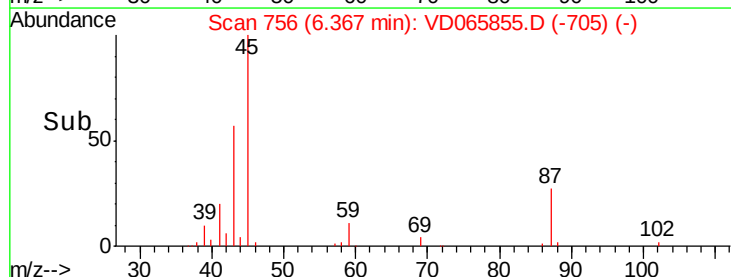
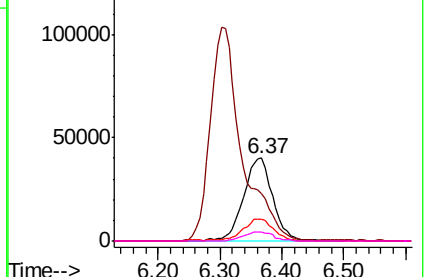


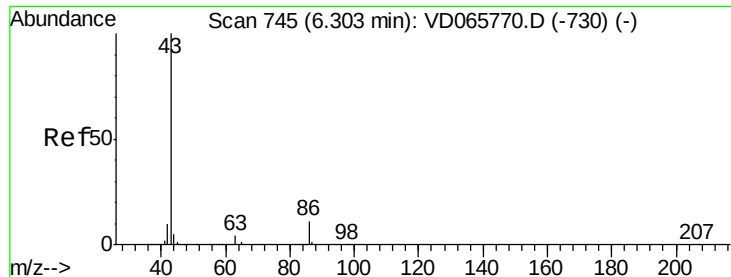
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 108.090 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

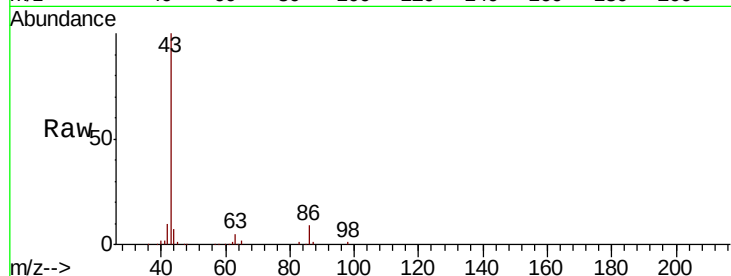
VD0623SBS01

Tot Ion: 43 Resp: 365585

Ion Ratio Lower Upper

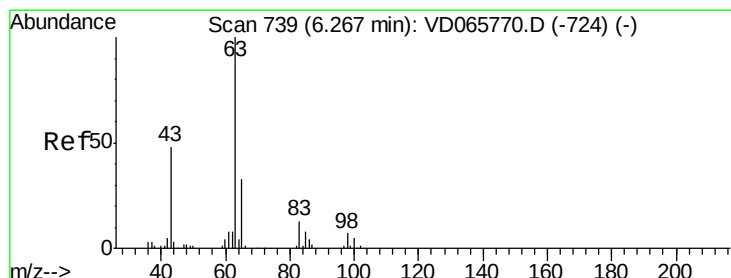
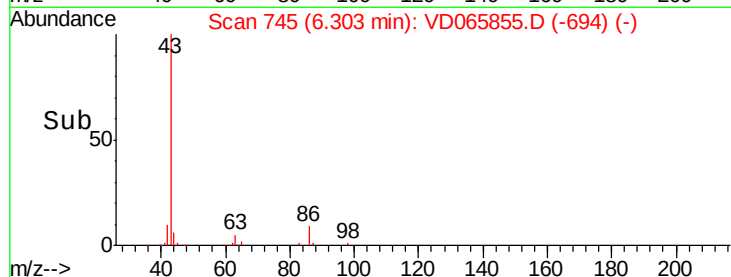
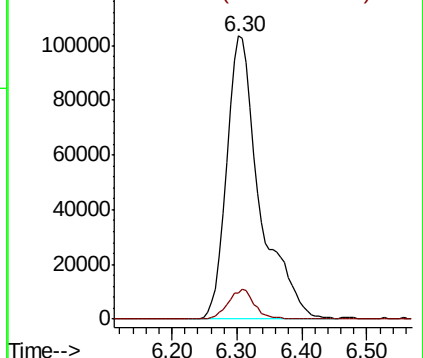
43 100

86 9.4 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.210 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

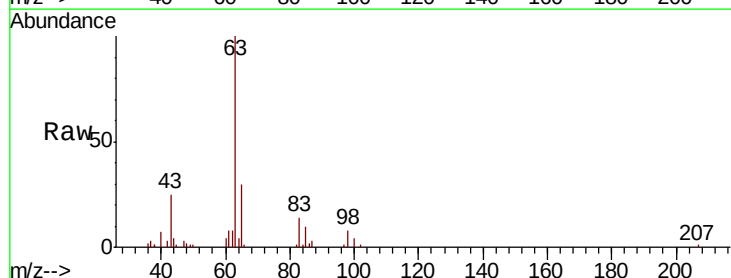
Tgt Ion: 63 Resp: 81053

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

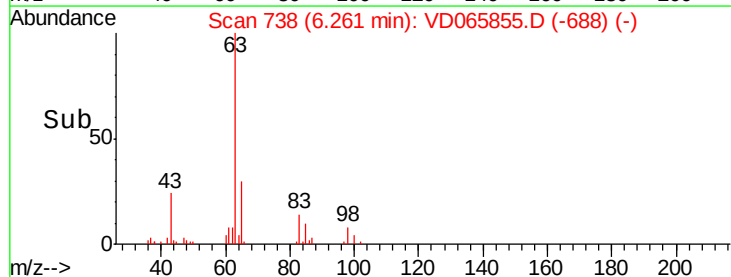
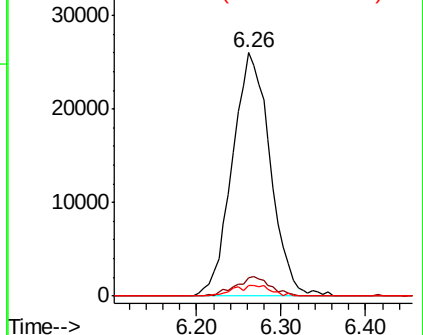
100 4.4 2.3 6.9

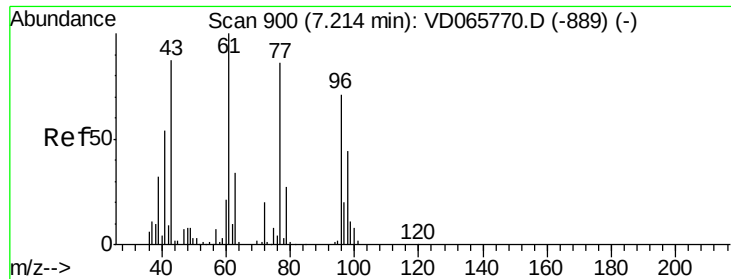


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 110.391 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

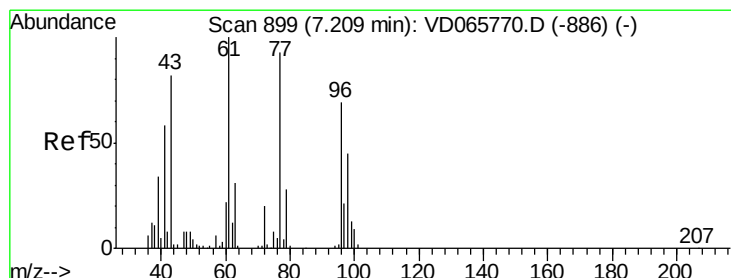
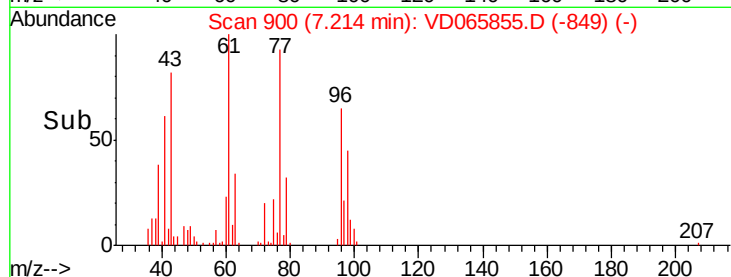
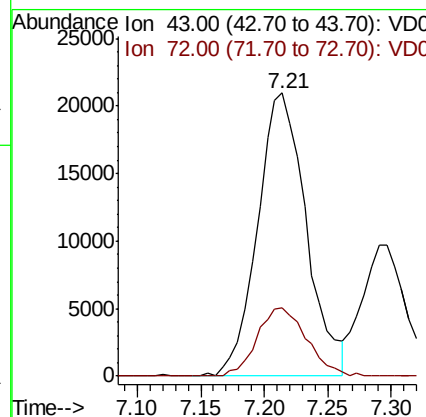
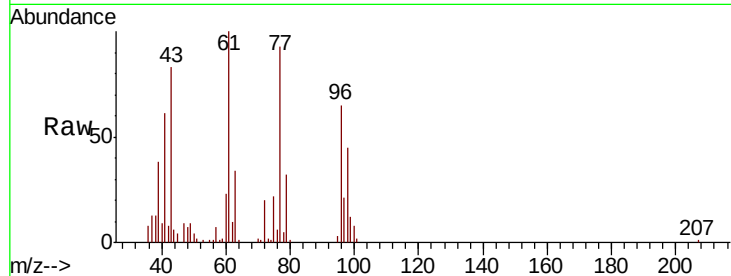
VD0623SBS01

Tot Ion: 43 Resp: 56103

Ion Ratio Lower Upper

43 100

72 24.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 21.804 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065855.D

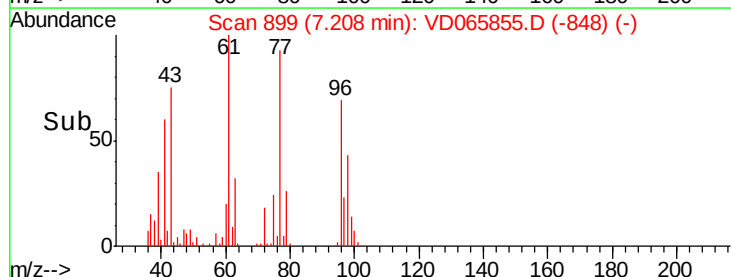
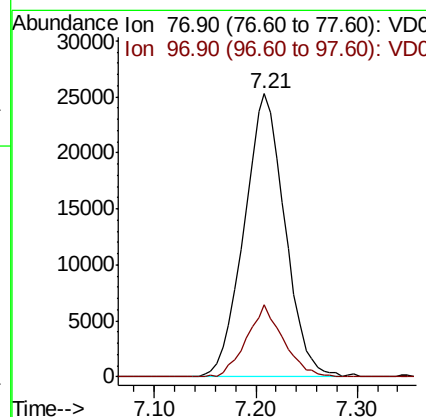
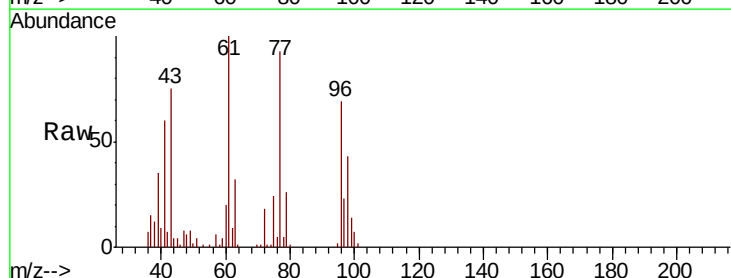
Acq: 23 Jun 2020 12:58

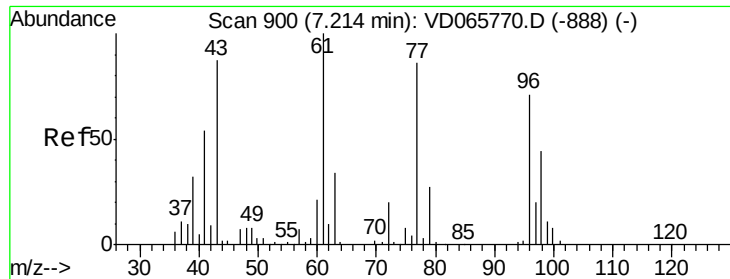
Tgt Ion: 77 Resp: 70555

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.7



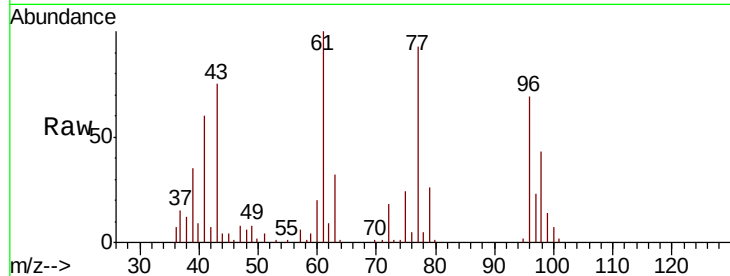


#27

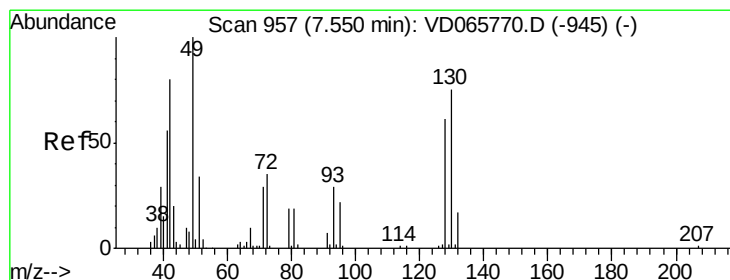
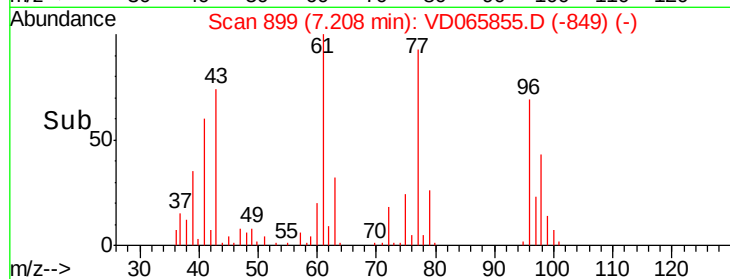
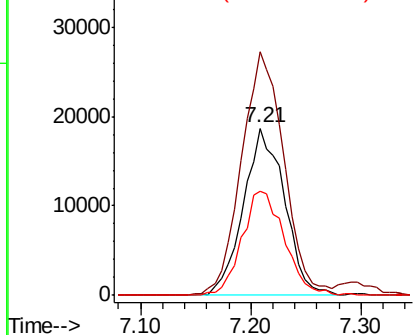
cis-1,2-Dichloroethene
 Concen: 21.640 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.8	0.0	291.2
98	64.2	0.0	128.8



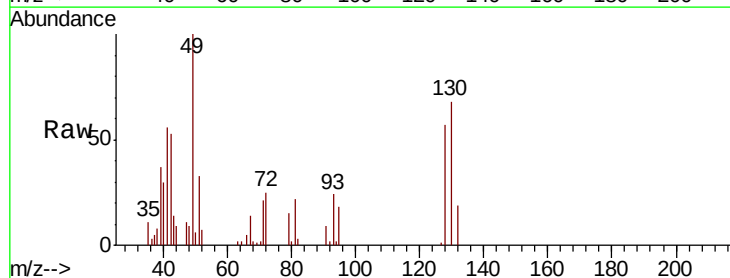
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



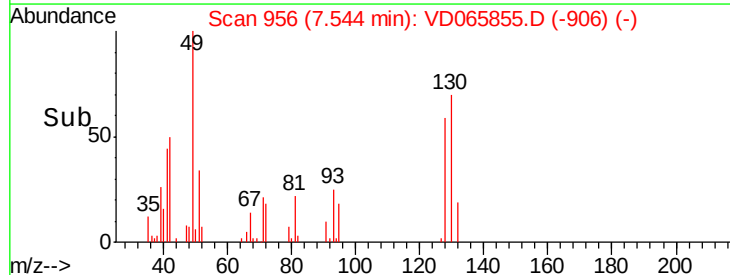
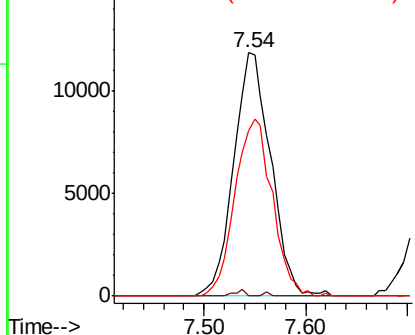
#28

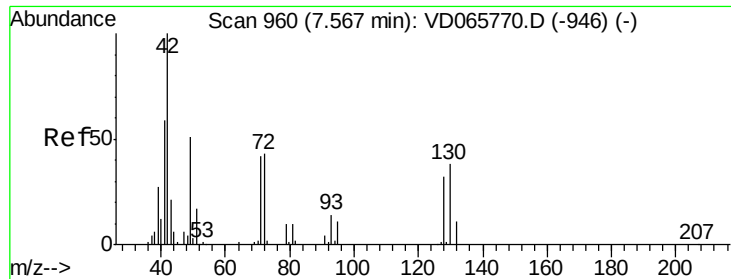
Bromochloromethane
 Concen: 21.354 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.6
130	73.3	59.5	89.3



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

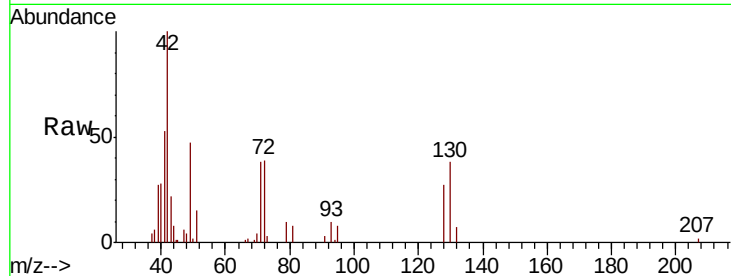




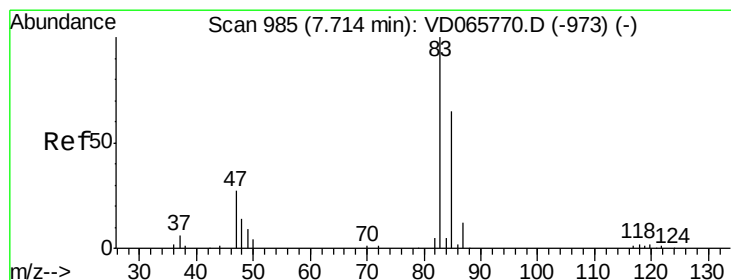
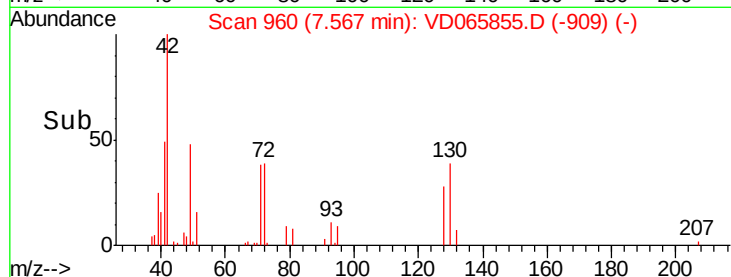
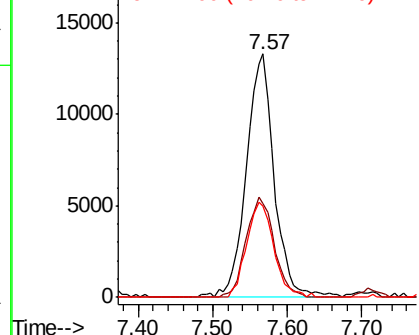
#29
Tetrahydrofuran
Concen: 107.364 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 42 Resp: 34486
Ion Ratio Lower Upper
42 100
72 41.4 34.9 52.3
71 38.3 31.2 46.8

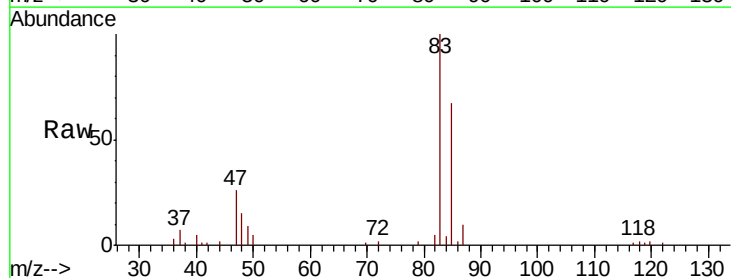


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

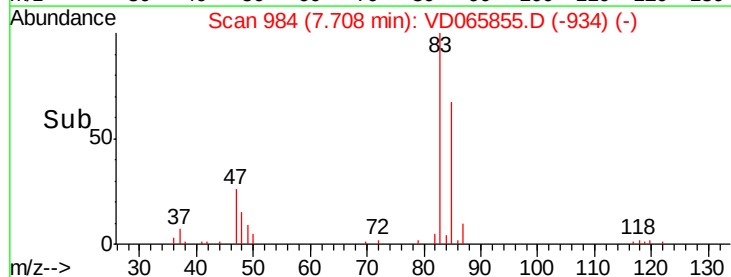
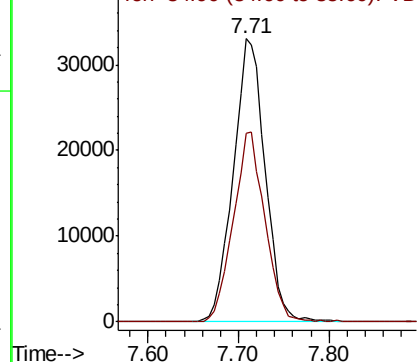


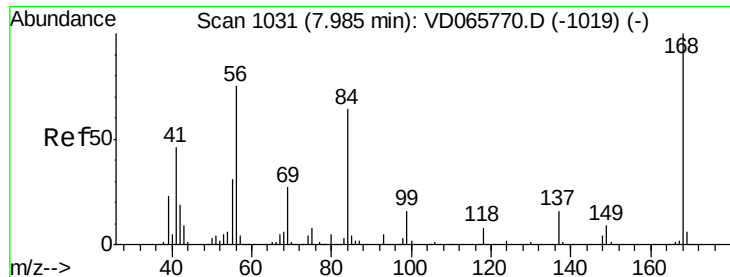
#30
Chloroform
Concen: 21.361 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 83 Resp: 80802
Ion Ratio Lower Upper
83 100
85 66.8 51.9 77.9



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

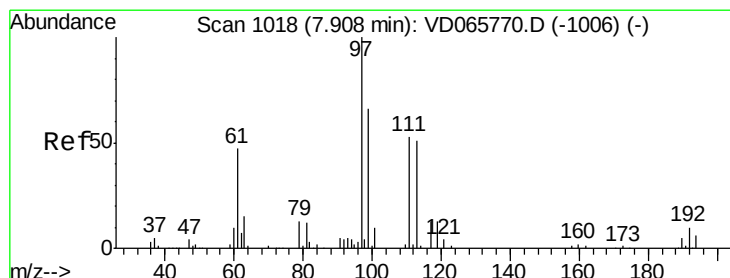
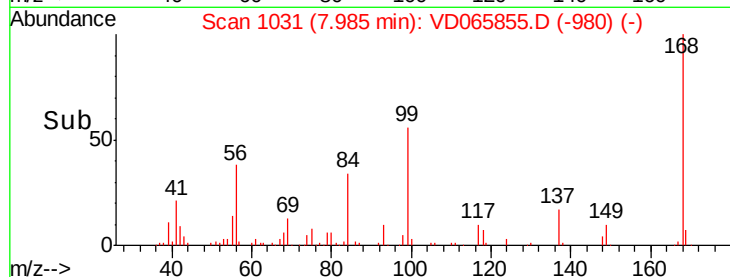
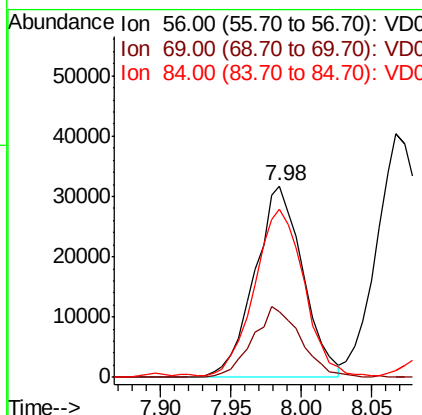
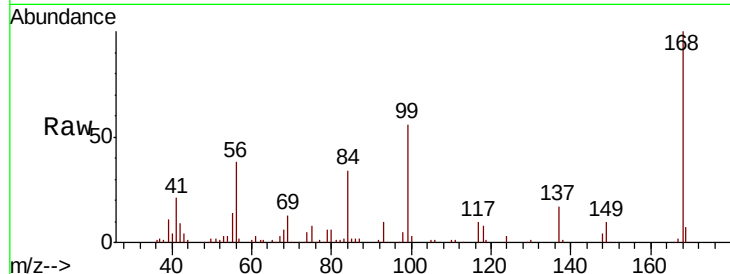




#31
Cyclohexane
Concen: 21.686 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

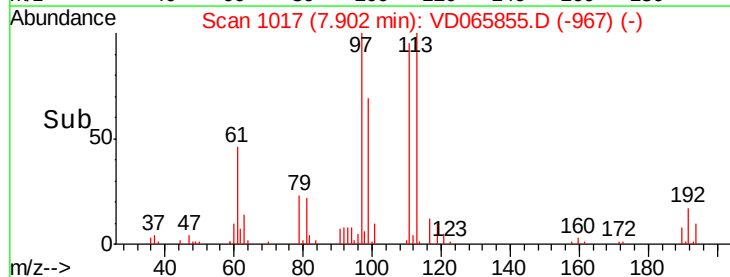
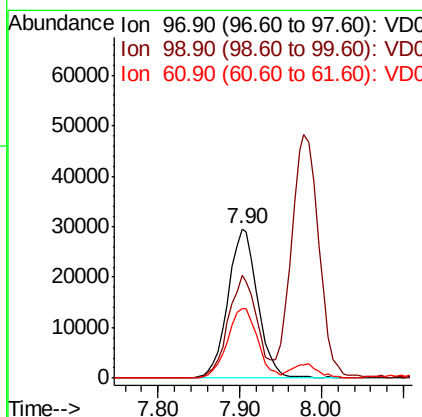
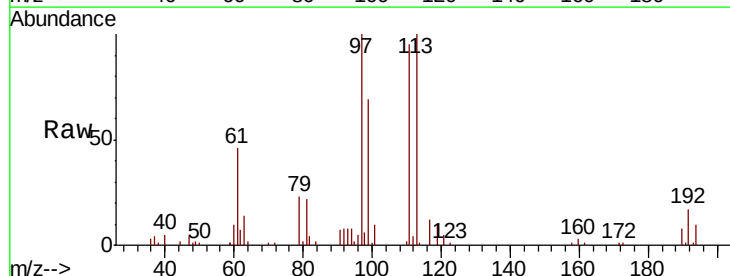
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

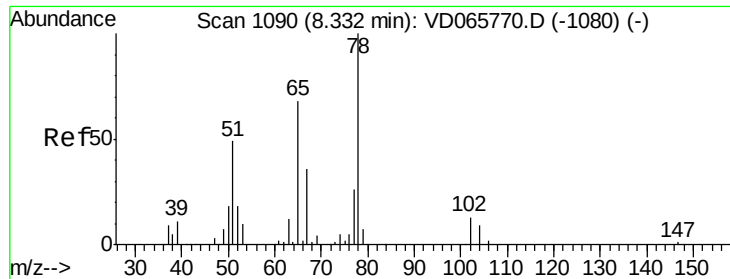
Tot Ion: 56 Resp: 75871
Ion Ratio Lower Upper
56 100
69 34.5 28.5 42.7
84 86.4 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 21.403 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 97 Resp: 74444
Ion Ratio Lower Upper
97 100
99 66.1 49.2 73.8
61 47.4 36.0 54.0

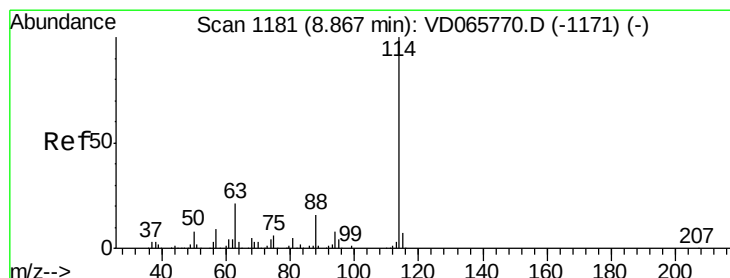
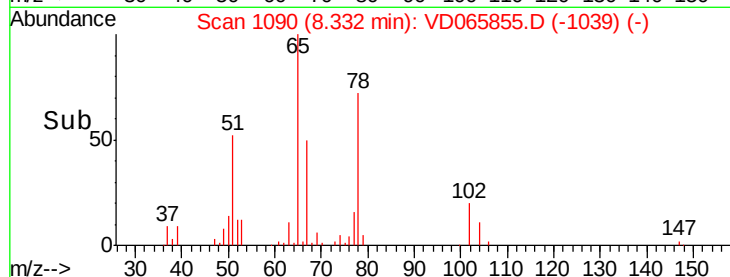
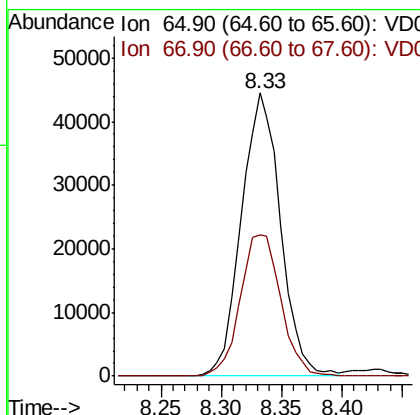
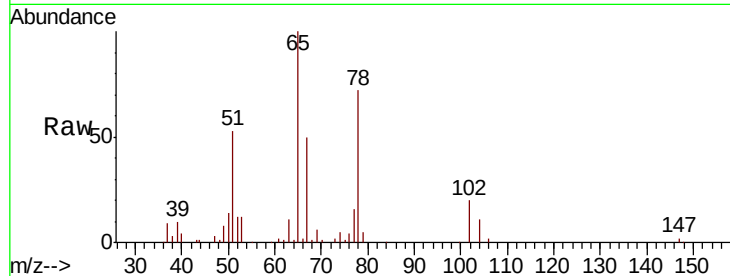




#33
 1,2-Dichloroethane-d4
 Concen: 51.379 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

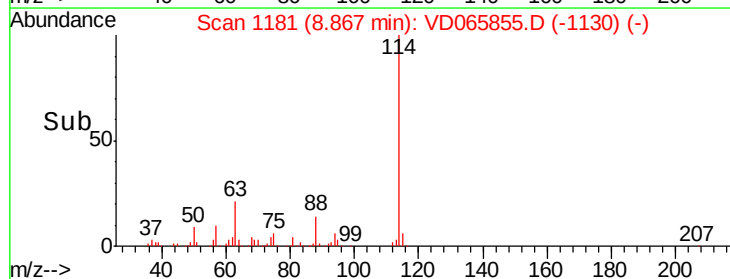
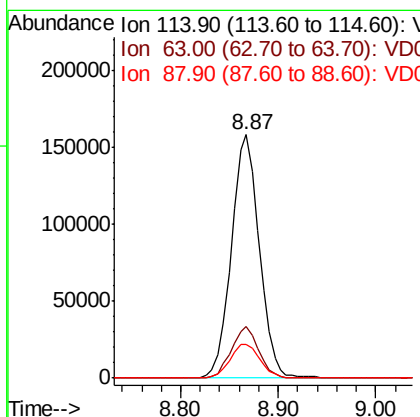
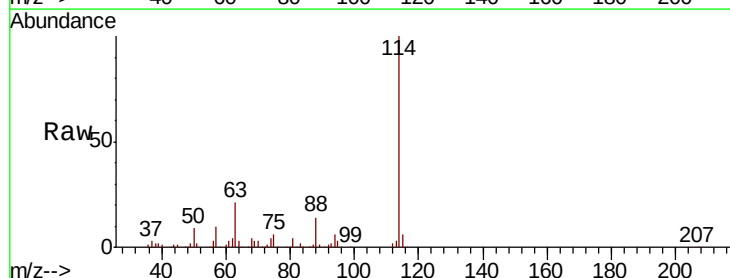
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

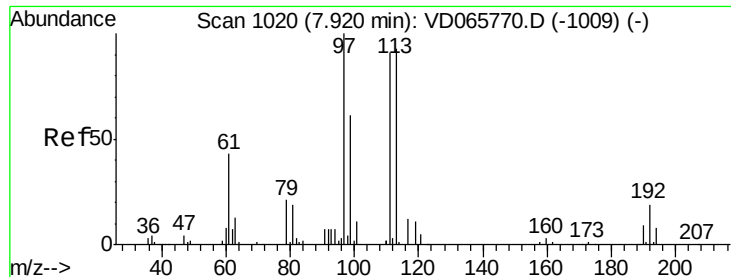
Tot Ion: 65 Resp: 100232
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 114 Resp: 313651
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.8
 88 13.6 0.0 32.0

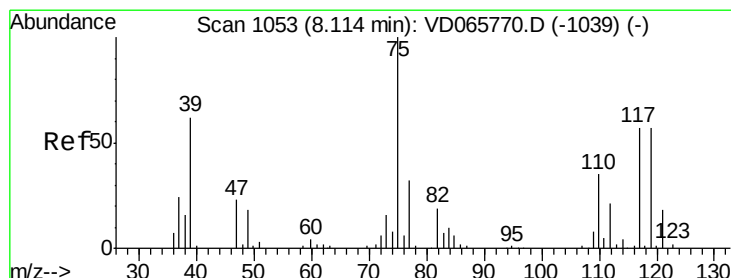
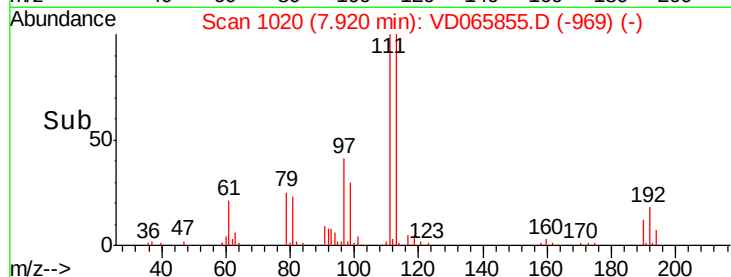
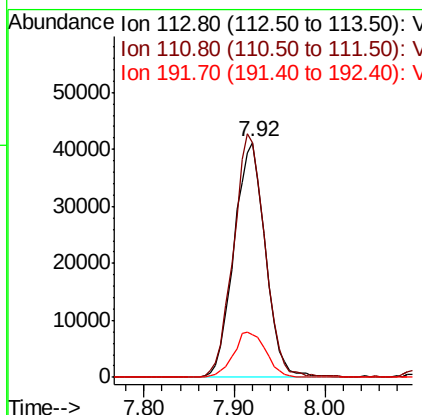
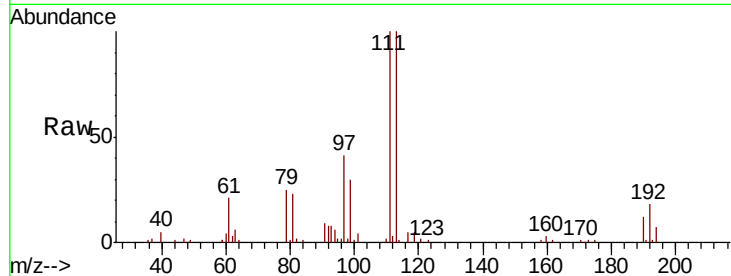




#35
 Dibromofluoromethane
 Concen: 50.001 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

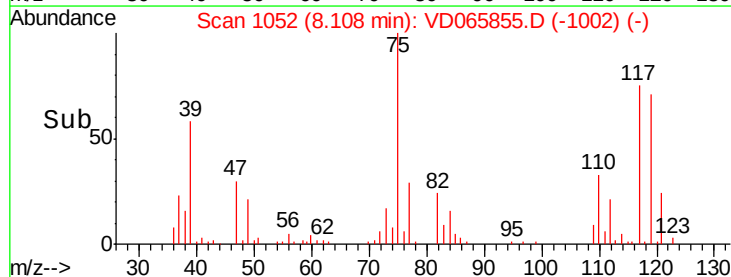
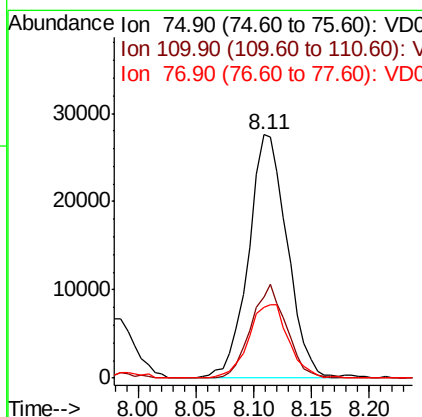
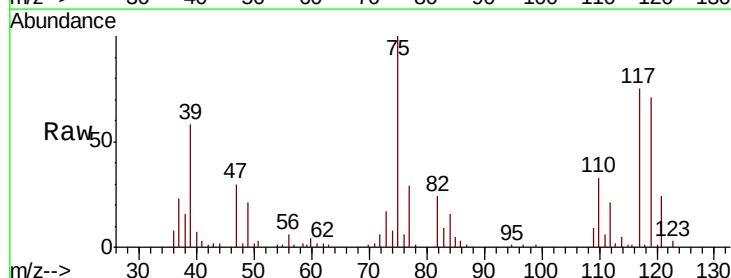
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

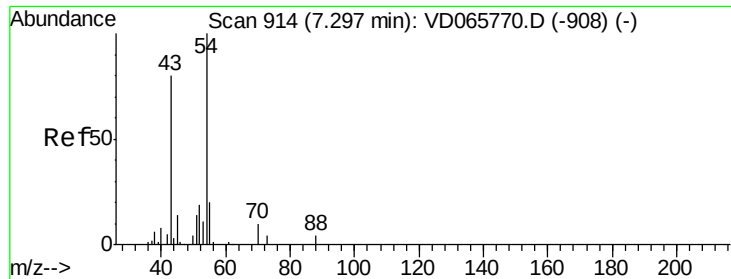
Tot Ion:113 Resp: 99063
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.4 125.0
 192 19.7 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 21.433 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 75 Resp: 64398
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.6 52.8
 77 31.0 25.1 37.7

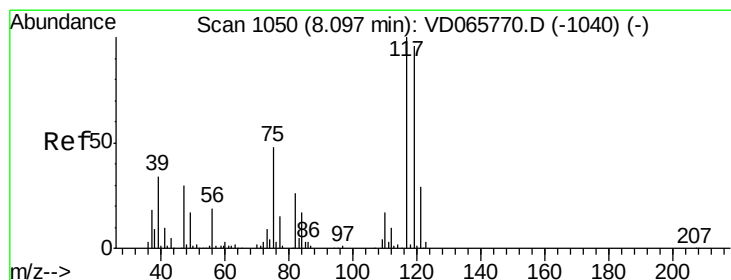
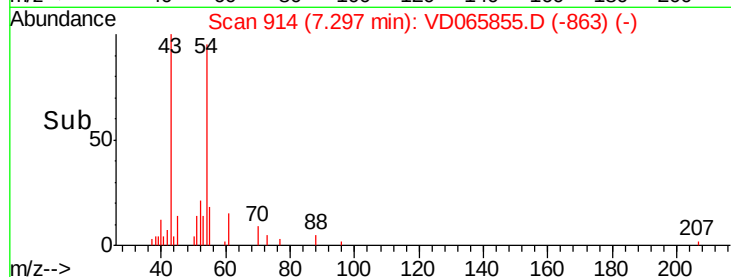
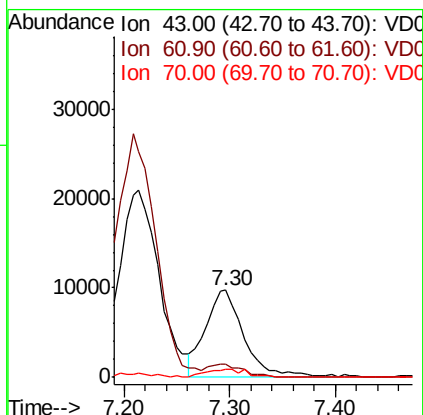
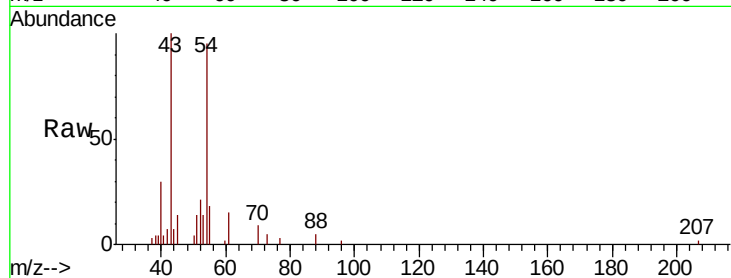




#37
Ethyl Acetate
Concen: 21.068 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

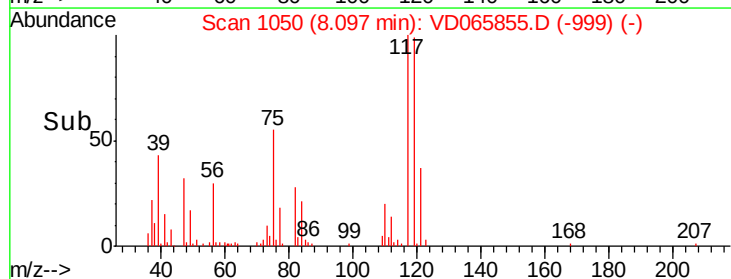
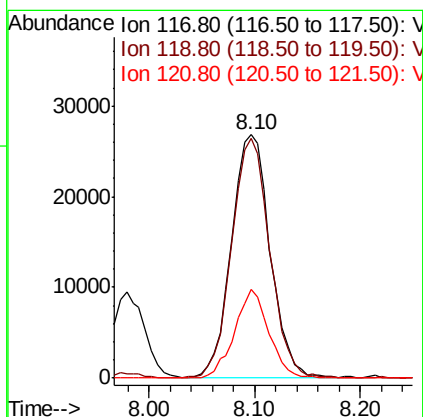
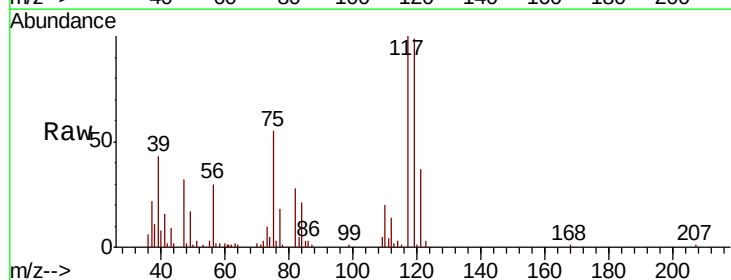
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

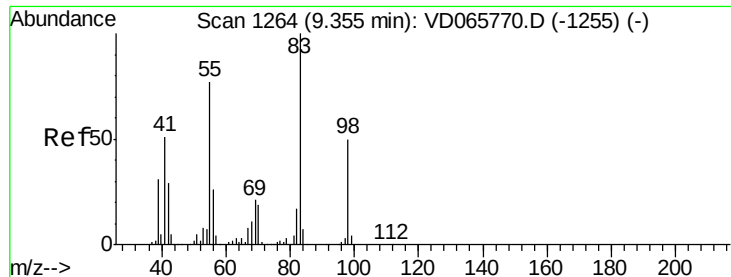
Tot Ion: 43 Resp: 24933
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 10.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.584 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 117 Resp: 68249
Ion Ratio Lower Upper
117 100
119 98.6 76.8 115.2
121 36.5 23.4 35.2#

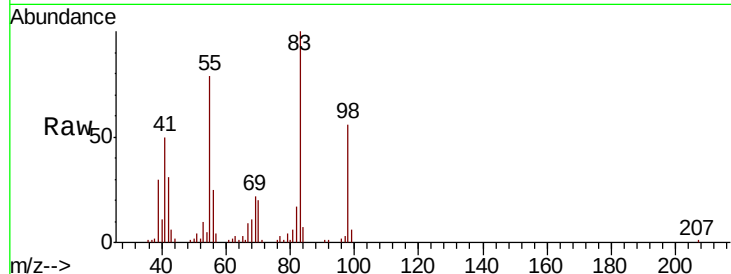




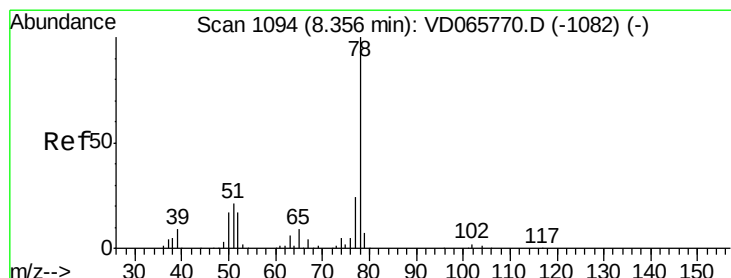
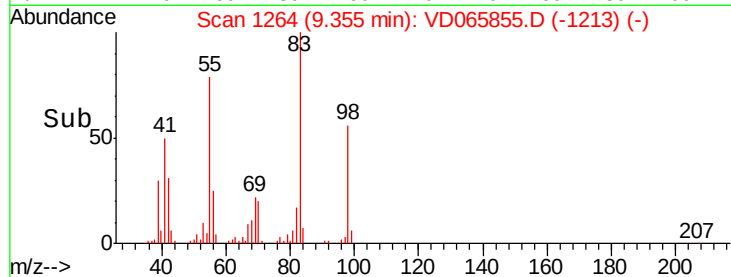
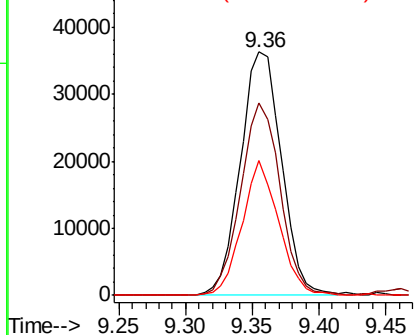
#39
Methylvlcyclohexane
Concen: 21.747 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 83 Resp: 77360
Ion Ratio Lower Upper
83 100
55 79.2 61.6 92.4
98 55.5 40.2 60.2

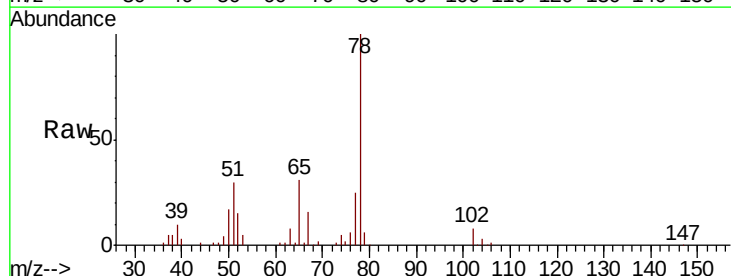


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

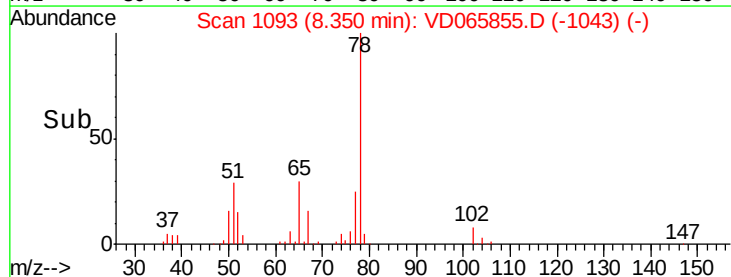
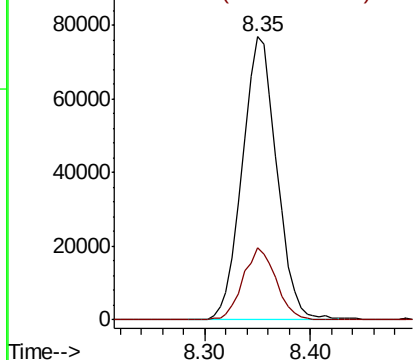


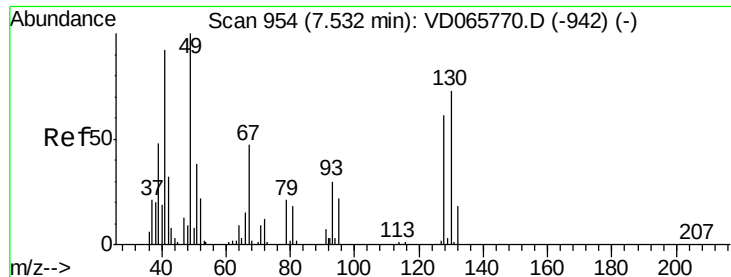
#40
Benzene
Concen: 21.274 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 78 Resp: 174739
Ion Ratio Lower Upper
78 100
77 25.4 19.2 28.8



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

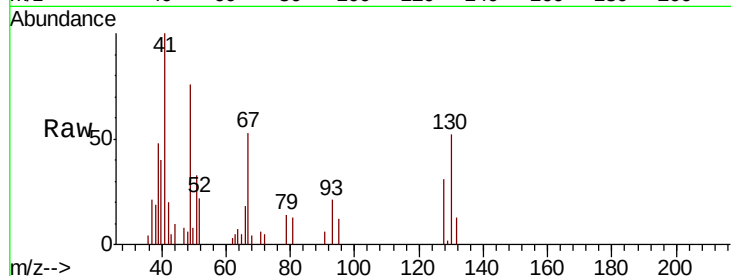




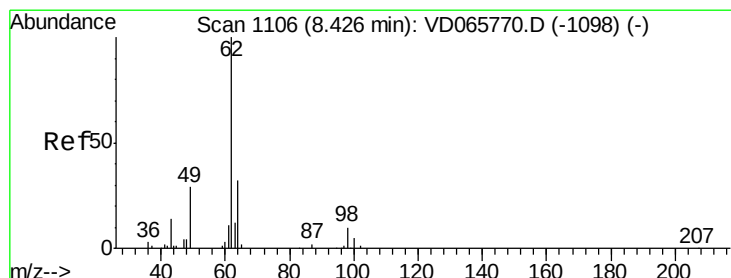
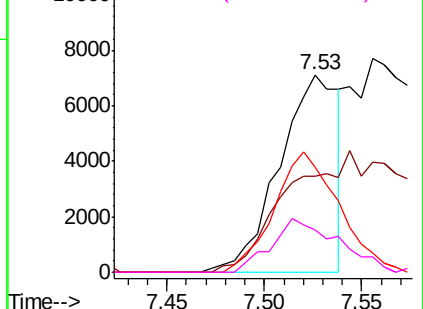
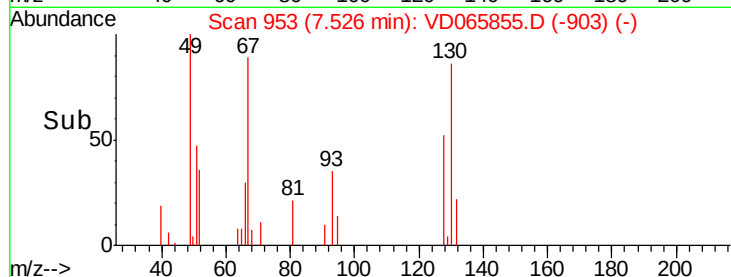
#41
Methacrylonitrile
Concen: 21.146 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 41 Resp: 14901
Ion Ratio Lower Upper
41 100
39 0.0 38.3 57.5#
67 67.0 49.8 74.6
52 30.5 21.7 32.5

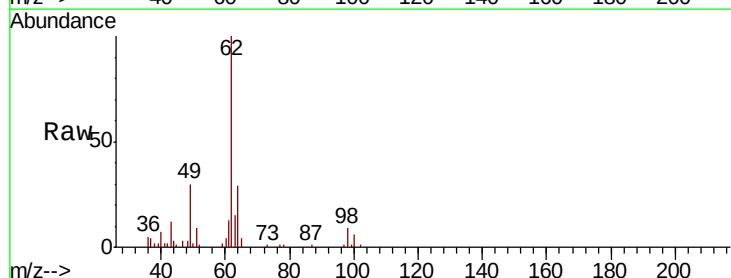


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

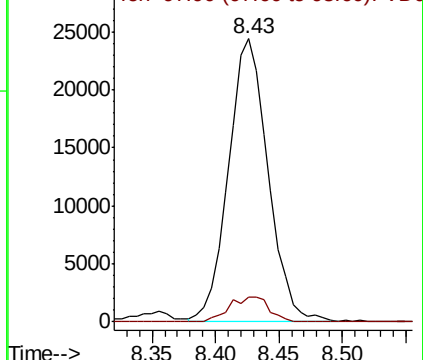
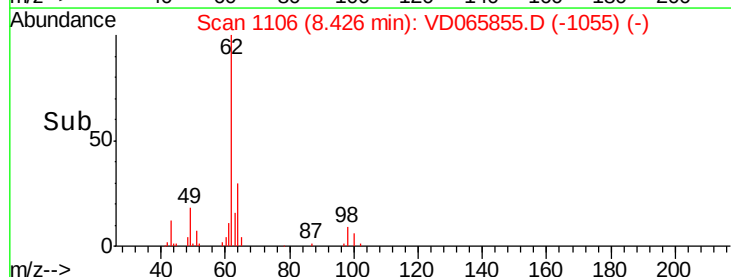


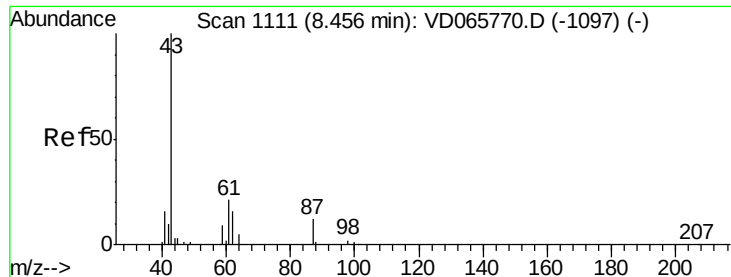
#42
1,2-Dichloroethane
Concen: 21.339 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 62 Resp: 52886
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 21.520 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

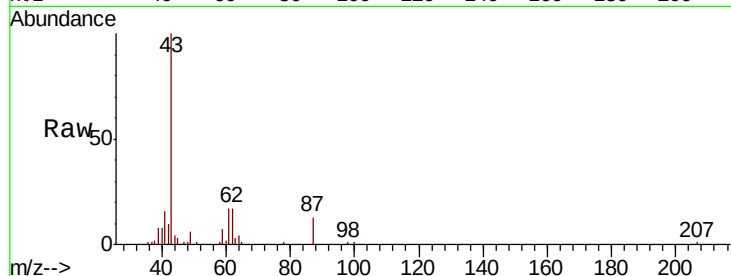
Tot Ion: 43 Resp: 50643

Ion Ratio Lower Upper

43 100

61 29.1 24.2 36.4

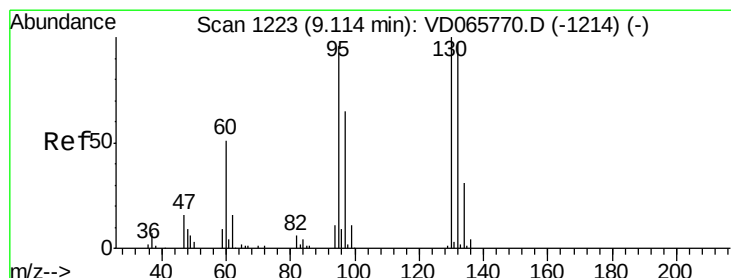
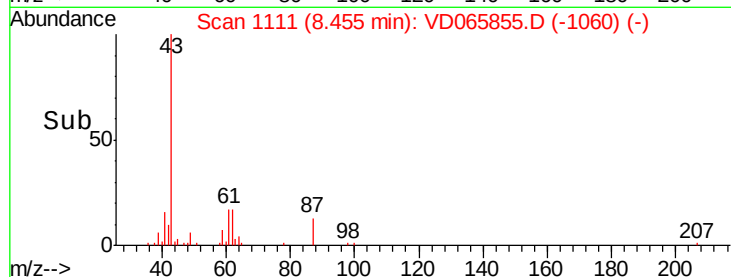
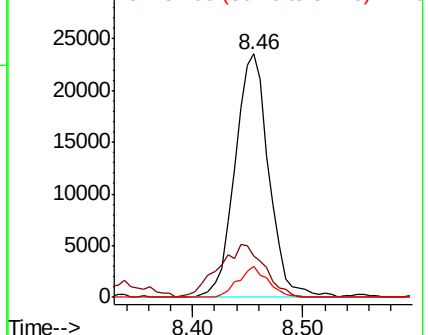
87 11.1 9.5 14.3



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: 21.439 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065855.D

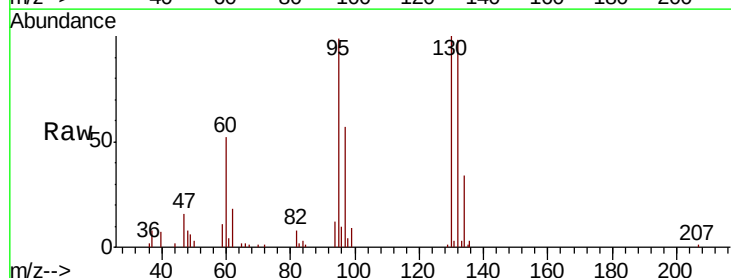
Acq: 23 Jun 2020 12:58

Tgt Ion:130 Resp: 49005

Ion Ratio Lower Upper

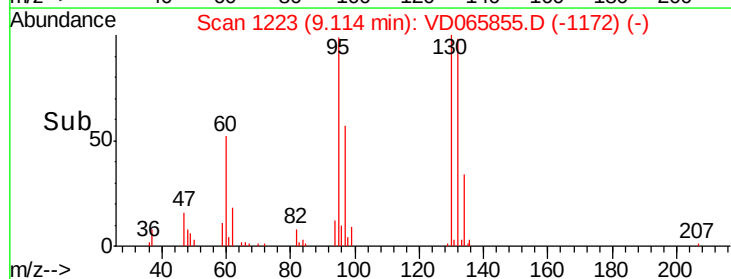
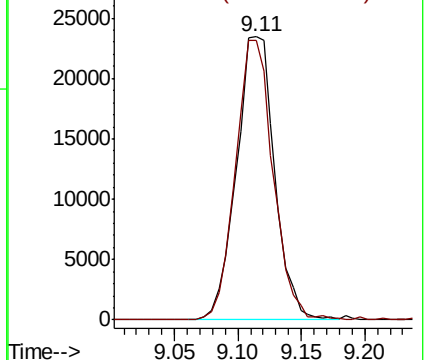
130 100

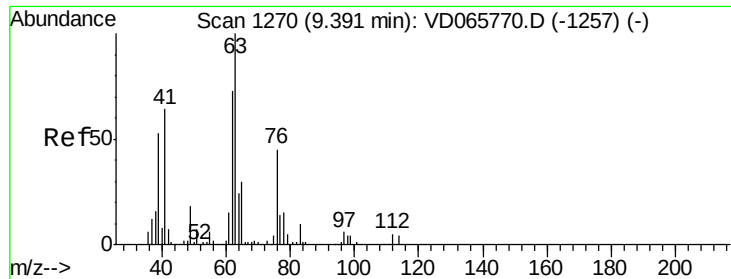
95 98.9 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

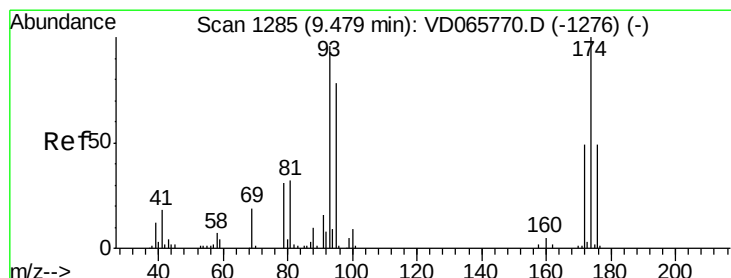
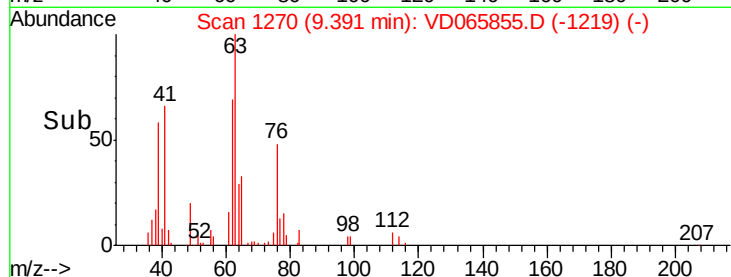
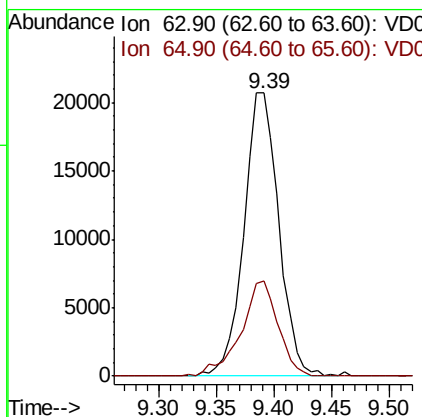
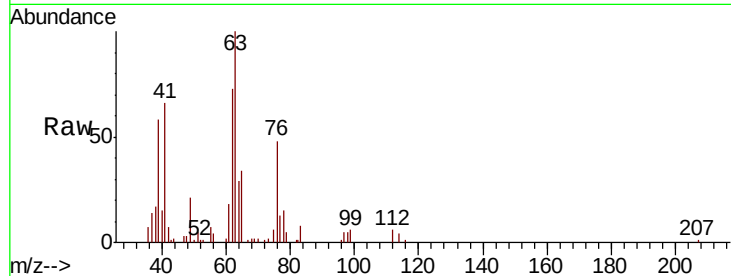




#45
 1,2-Dichloropropane
 Concen: 21.087 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

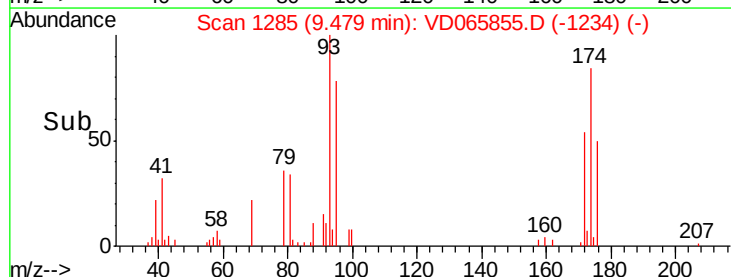
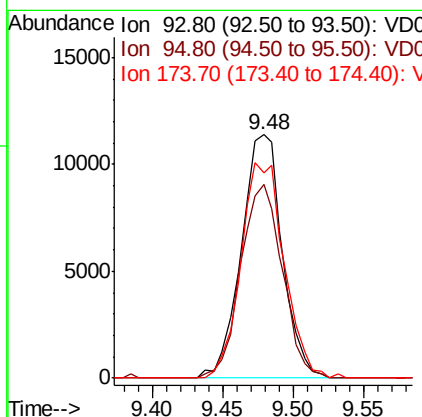
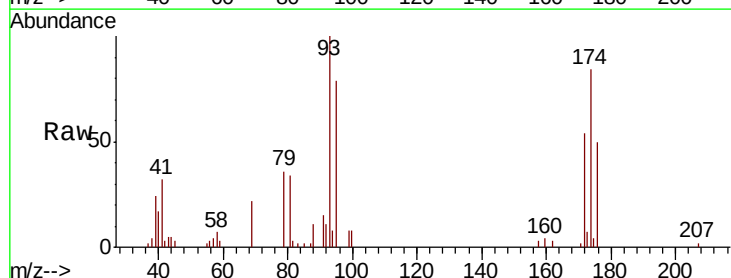
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

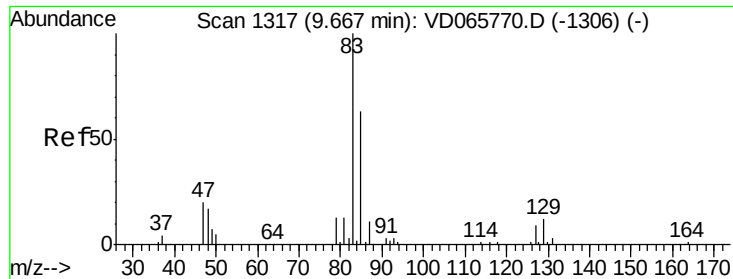
Tot Ion: 63 Resp: 43521
 Ion Ratio Lower Upper
 63 100
 65 33.7 24.2 36.2



#46
 Dibromomethane
 Concen: 20.755 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 93 Resp: 23232
 Ion Ratio Lower Upper
 93 100
 95 80.9 65.8 98.6
 174 93.2 80.9 121.3

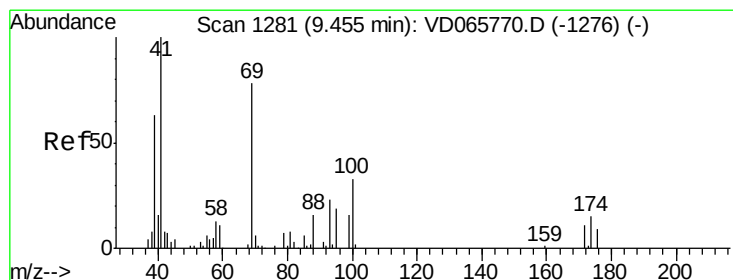
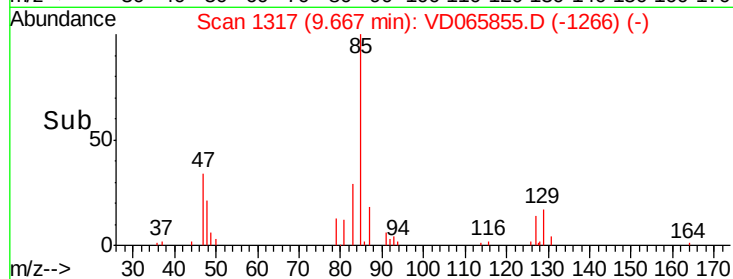
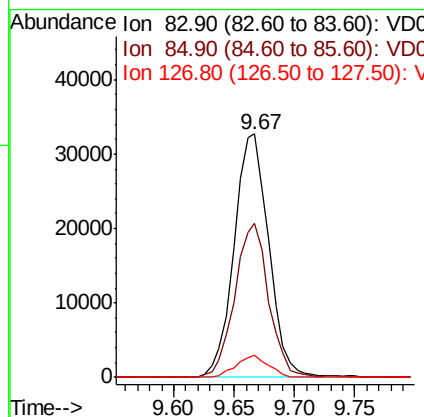
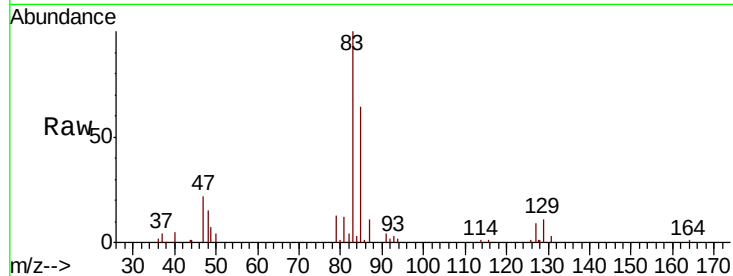




#47
Bromodichloromethane
Concen: 21.775 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

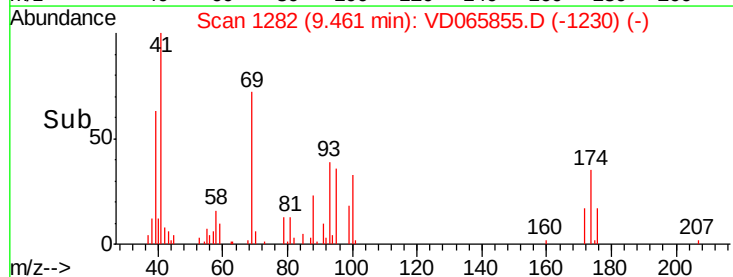
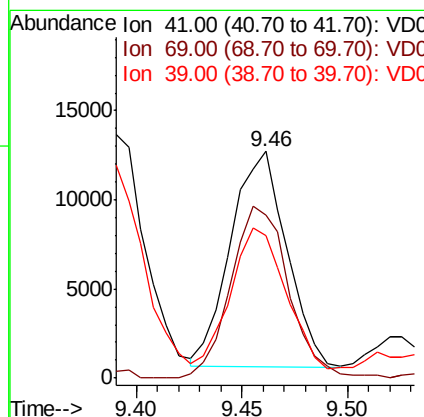
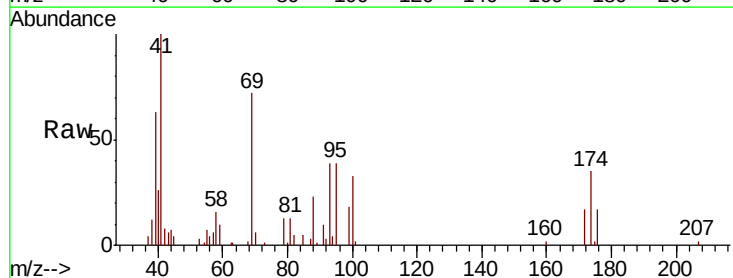
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

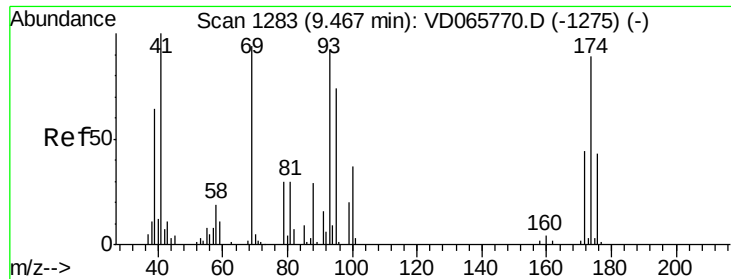
Tot Ion: 83 Resp: 65315
Ion Ratio Lower Upper
83 100
85 63.5 50.7 76.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 19.566 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 41 Resp: 22288
Ion Ratio Lower Upper
41 100
69 82.6 60.9 91.3
39 64.1 48.1 72.1

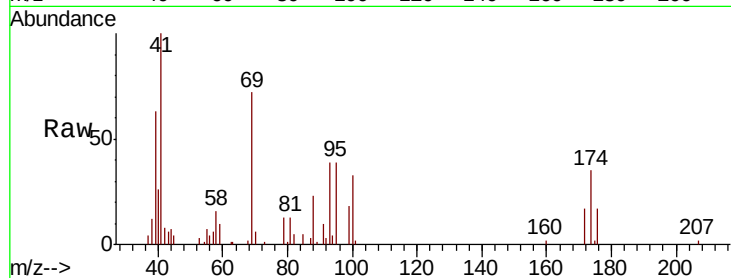




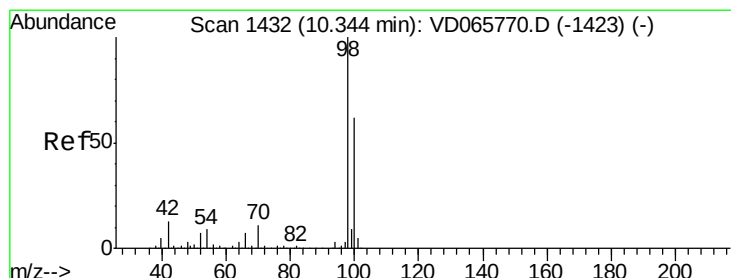
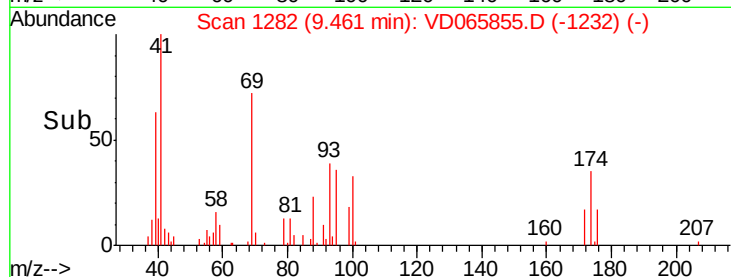
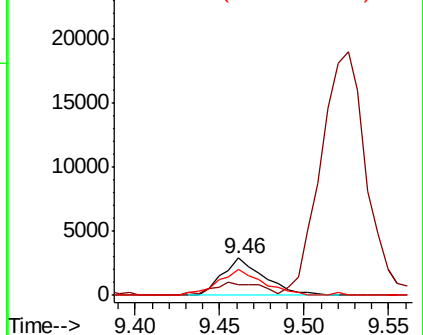
#49
1,4-Dioxane
Concen: 415.141 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 88 Resp: 4946
Ion Ratio Lower Upper
88 100
43 42.0 32.2 48.4
58 74.2 54.9 82.3

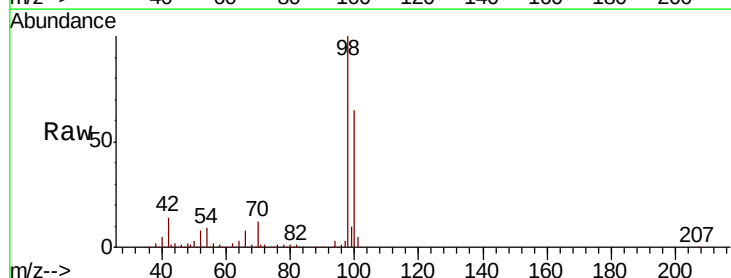


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

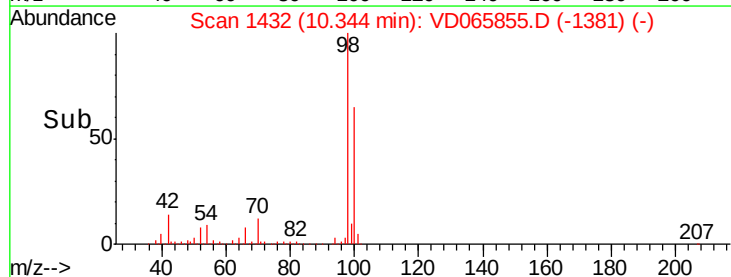
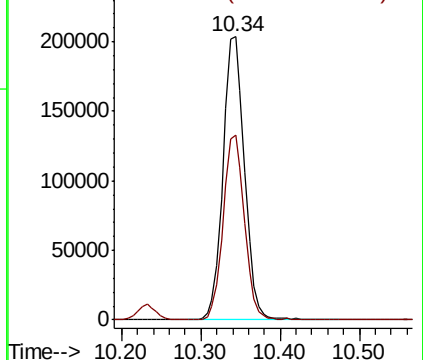


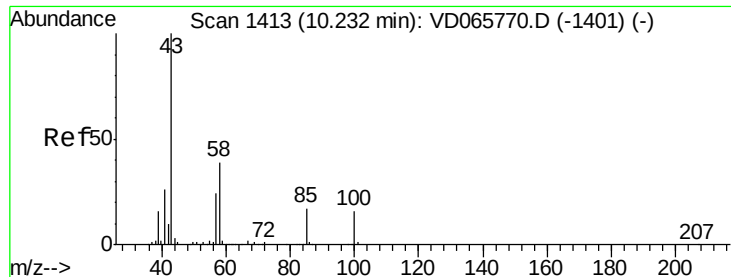
#50
Toluene-d8
Concen: 51.583 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 98 Resp: 381078
Ion Ratio Lower Upper
98 100
100 64.5 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: 107.348 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

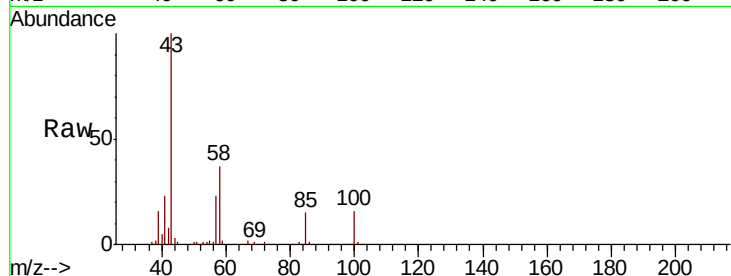
VD0623SBS01

Tot Ion: 43 Resp: 123789

Ion Ratio Lower Upper

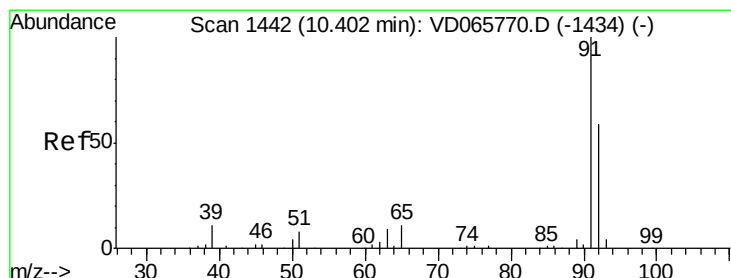
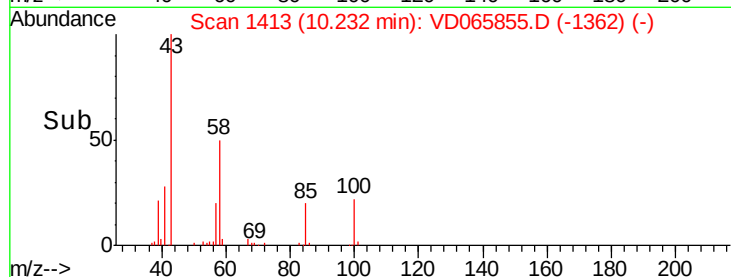
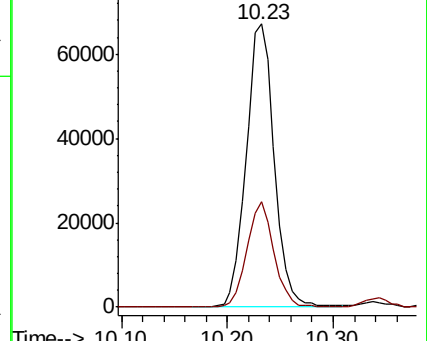
43 100

58 35.5 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.784 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD065855.D

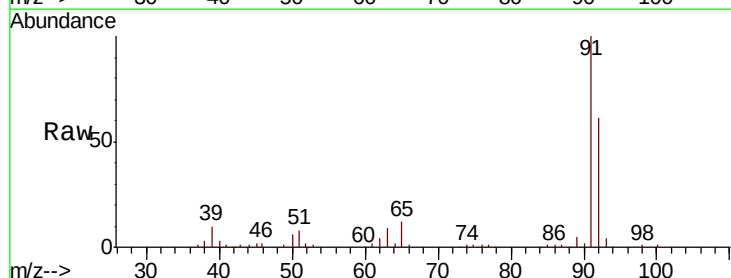
Acq: 23 Jun 2020 12:58

Tgt Ion: 92 Resp: 116264

Ion Ratio Lower Upper

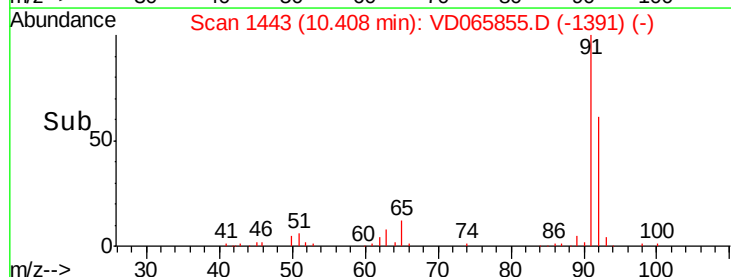
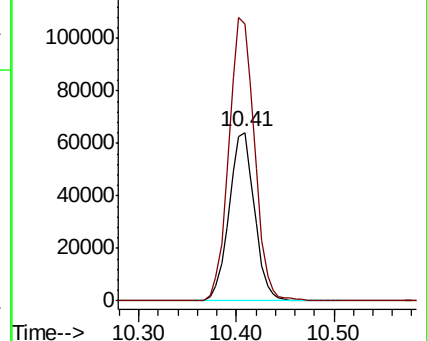
92 100

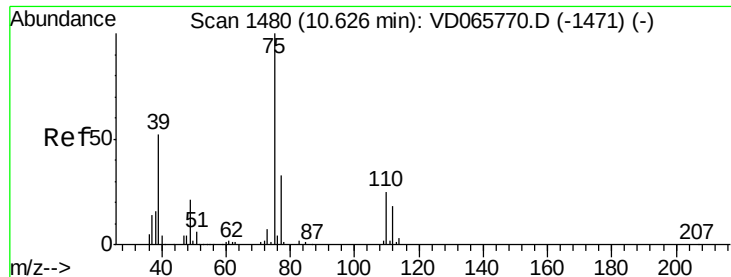
91 169.0 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 21.449 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

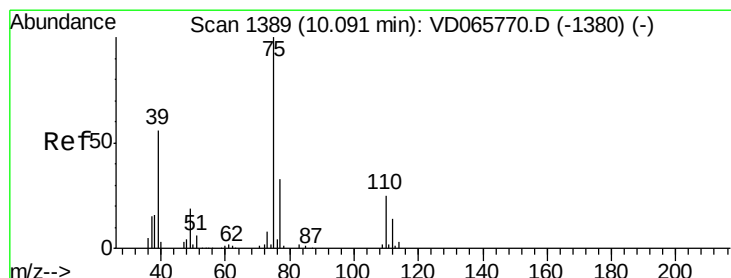
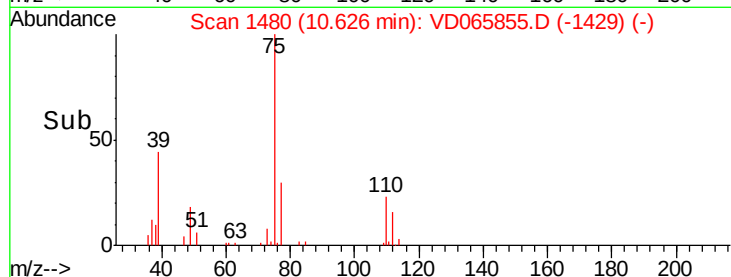
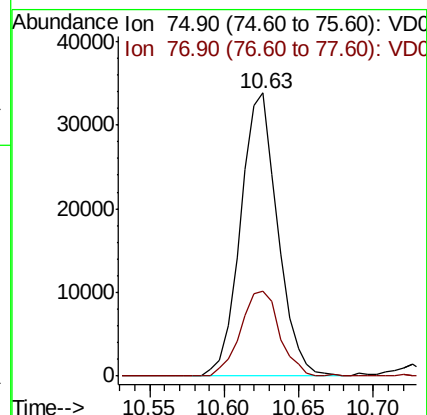
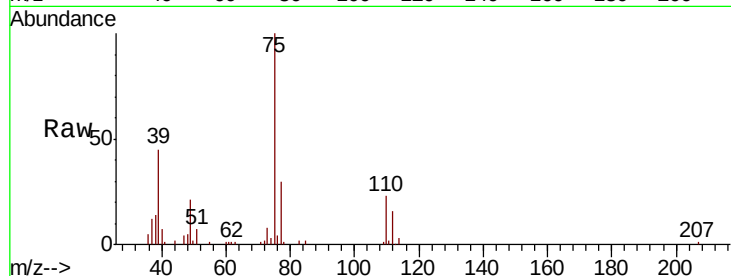
VD0623SBS01

Tot Ion: 75 Resp: 58258

Ion Ratio Lower Upper

75 100

77 30.0 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 21.567 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

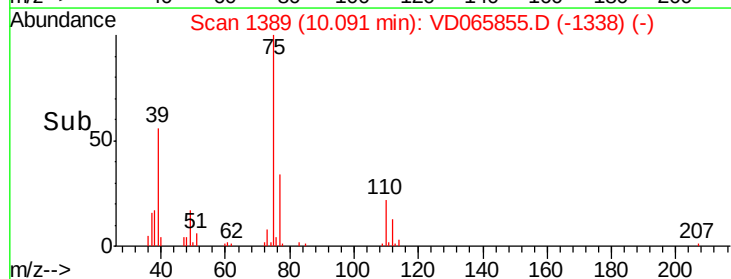
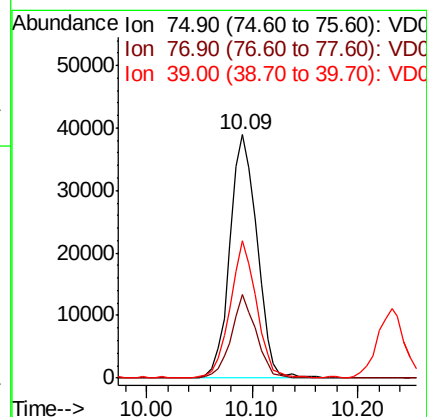
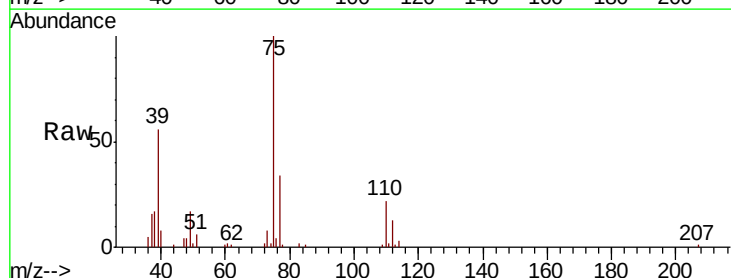
Tgt Ion: 75 Resp: 69183

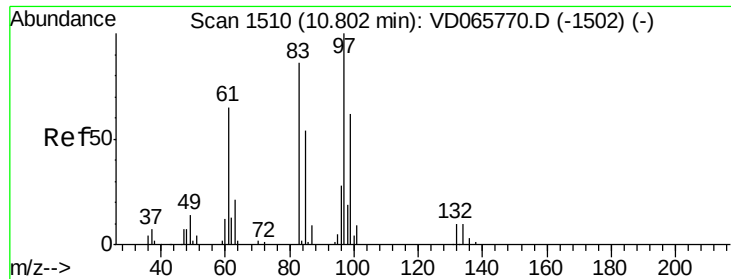
Ion Ratio Lower Upper

75 100

77 34.3 26.0 39.0

39 56.5 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 20.894 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 97 Resp: 31249

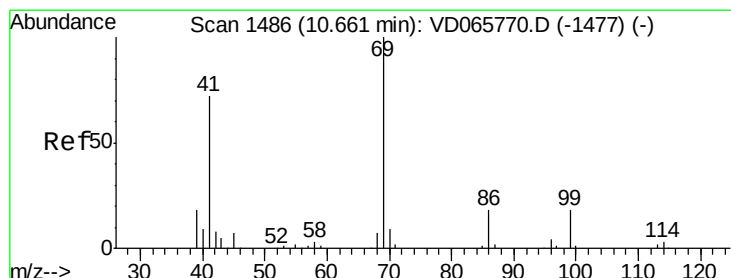
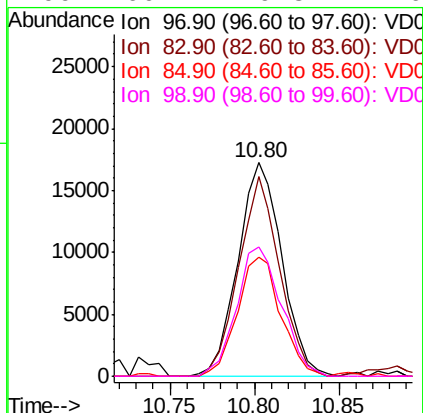
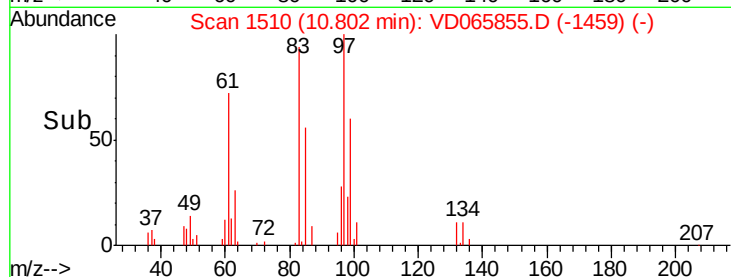
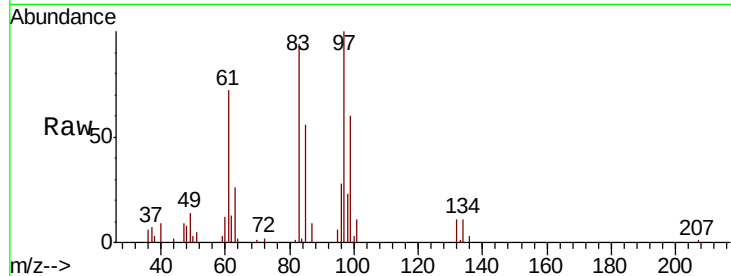
Ion	Ratio	Lower	Upper
97	100		
83	93.6	68.7	103.1
85	56.0	43.0	64.6
99	60.4	49.8	74.6

97 100

83 93.6 68.7 103.1

85 56.0 43.0 64.6

99 60.4 49.8 74.6



#56

Ethyl methacrylate

Concen: 20.667 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

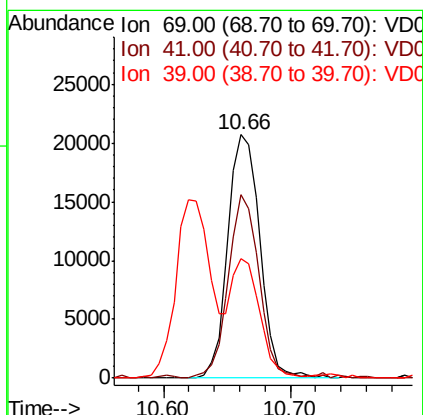
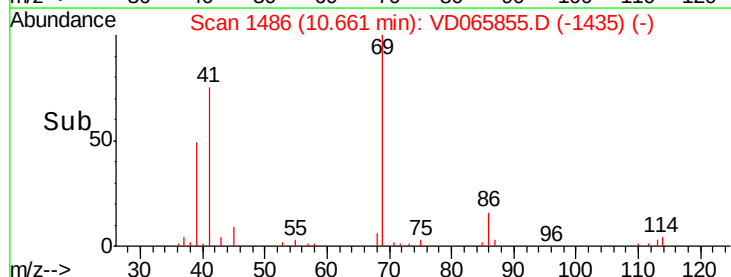
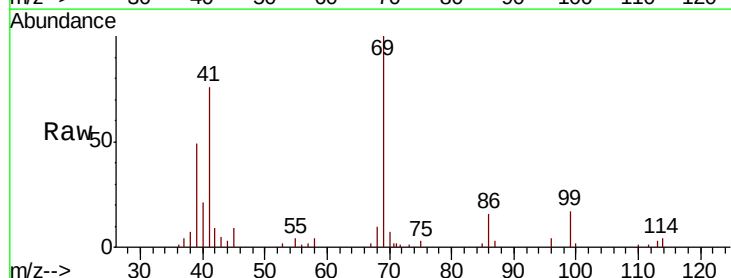
Tgt Ion: 69 Resp: 36356

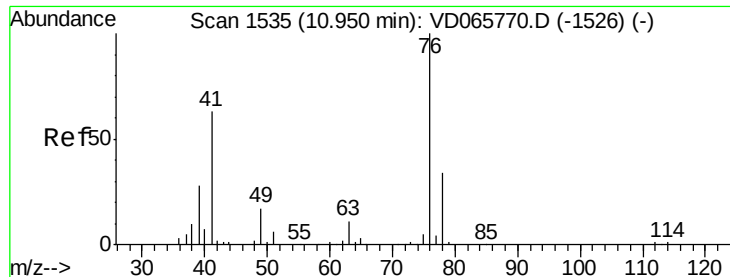
Ion	Ratio	Lower	Upper
69	100		
41	72.1	56.9	85.3
39	41.7	36.0	54.0

69 100

41 72.1 56.9 85.3

39 41.7 36.0 54.0

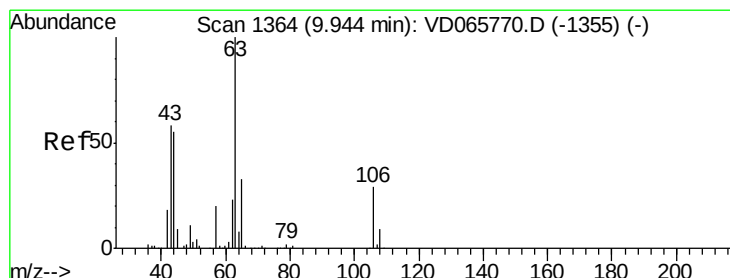
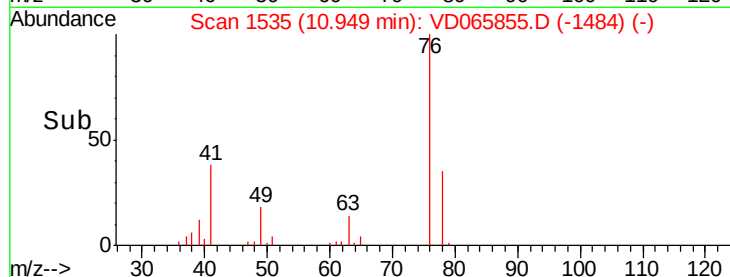
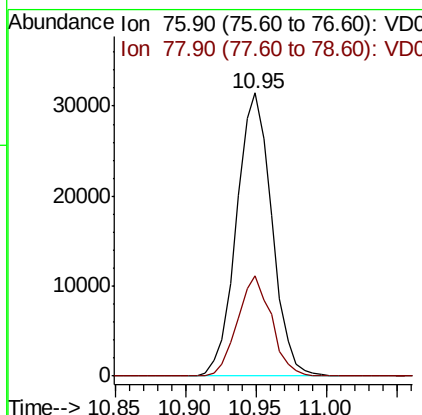
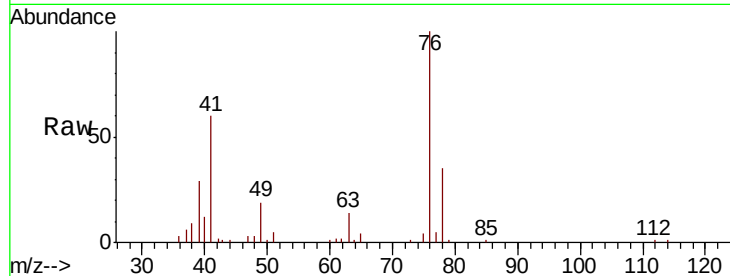




#57
 1,3-Dichloropropane
 Concen: 21.211 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

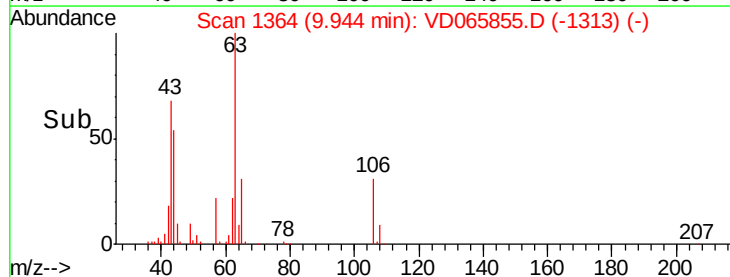
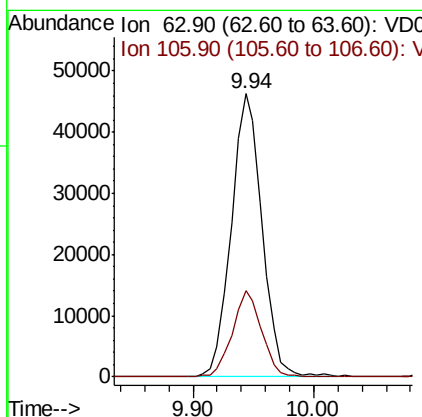
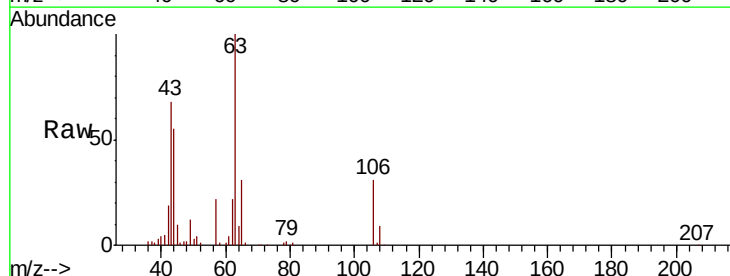
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

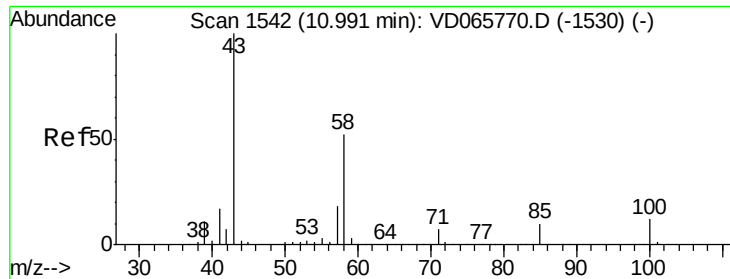
Tot Ion: 76 Resp: 54960
 Ion Ratio Lower Upper
 76 100
 78 34.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.141 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 63 Resp: 81901
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.2 34.8

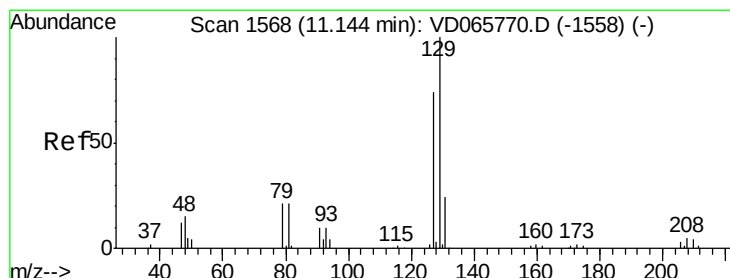
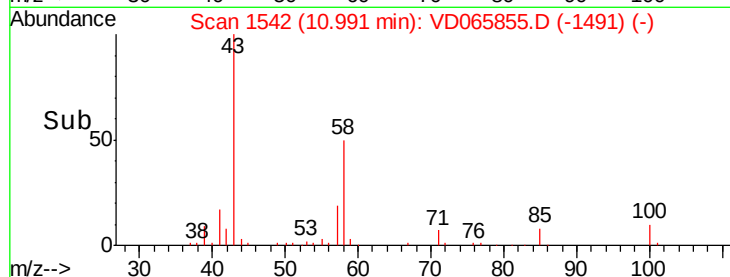
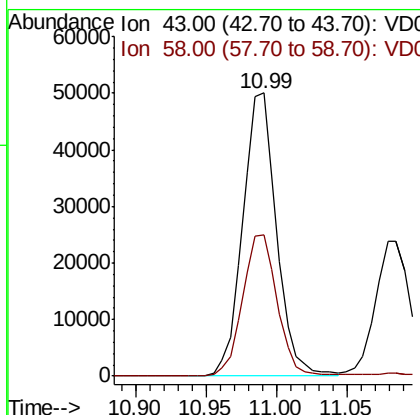
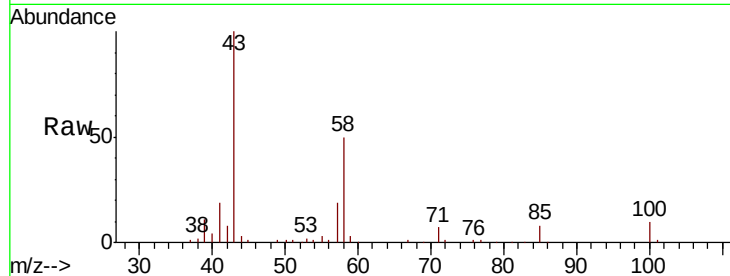




#59
2-Hexanone
Concen: 108.476 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

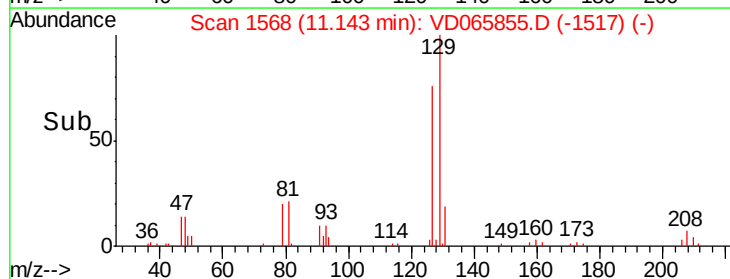
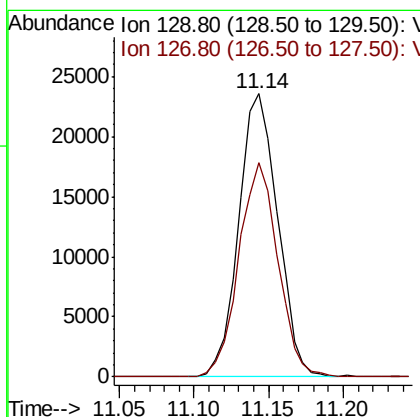
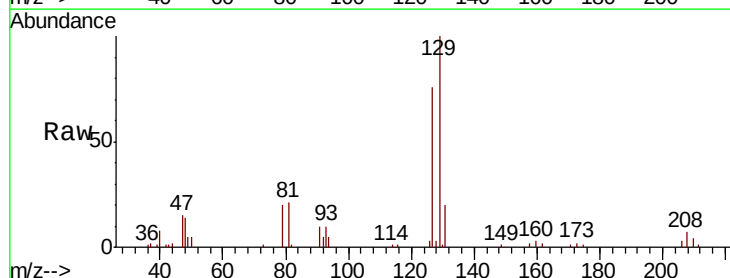
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

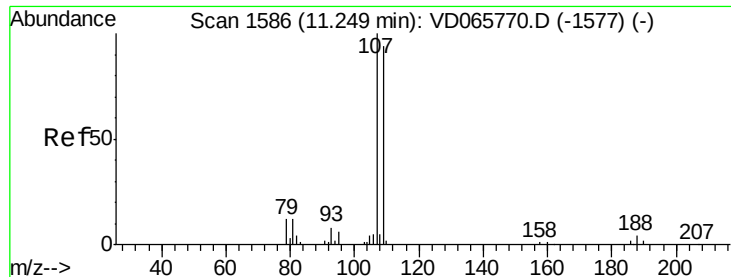
Tot Ion: 43 Resp: 84334
Ion Ratio Lower Upper
43 100
58 51.2 25.7 77.0



#60
Dibromochloromethane
Concen: 21.035 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion:129 Resp: 42499
Ion Ratio Lower Upper
129 100
127 76.4 38.0 113.9

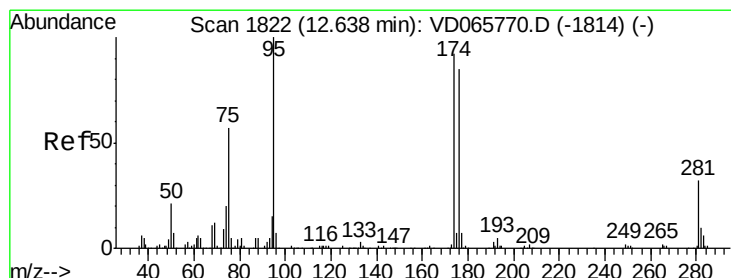
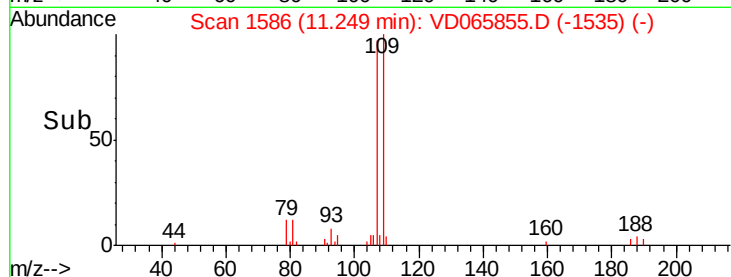
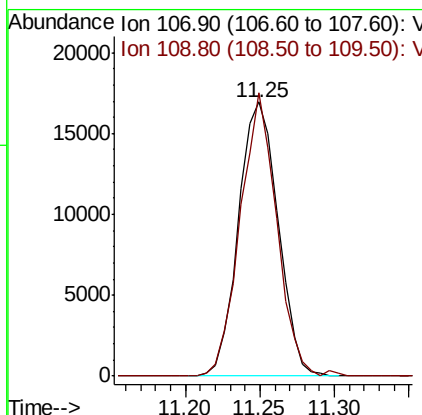
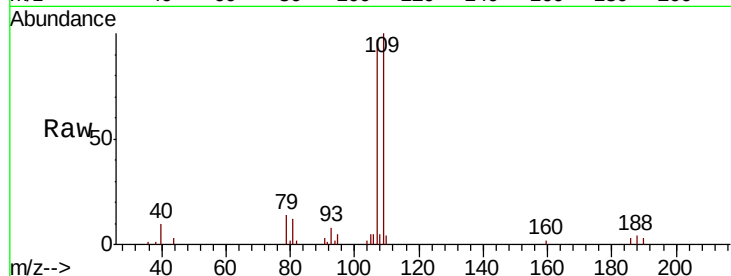




#61
 1,2-Dibromoethane
 Concen: 21.233 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

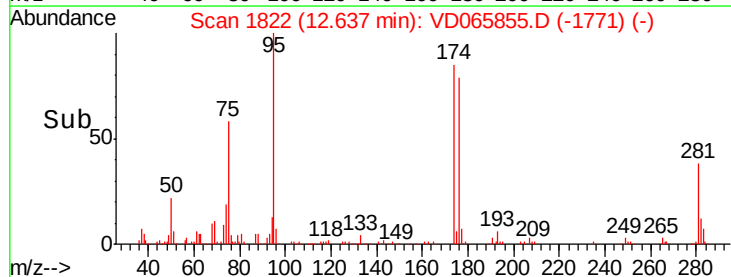
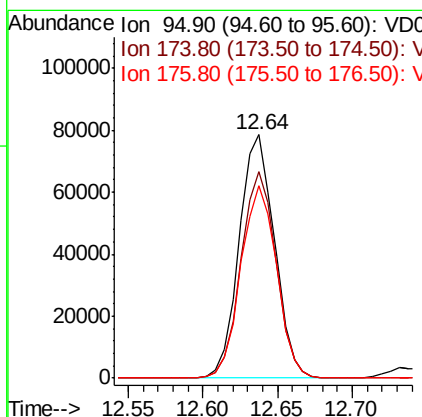
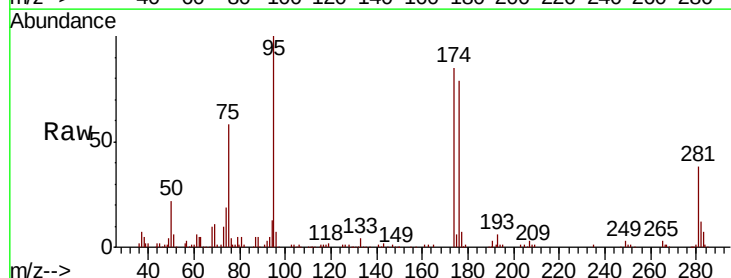
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

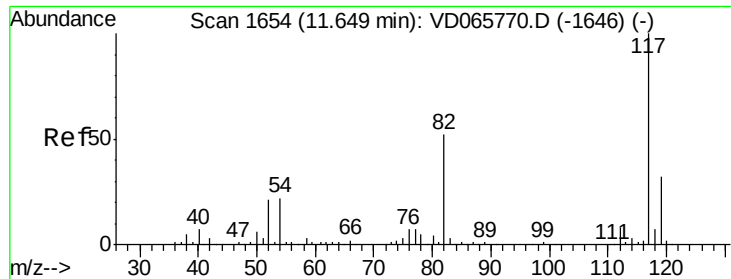
Tot Ion:107 Resp: 31209
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 51.322 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 95 Resp: 128582
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 175.2
 176 80.1 0.0 163.0

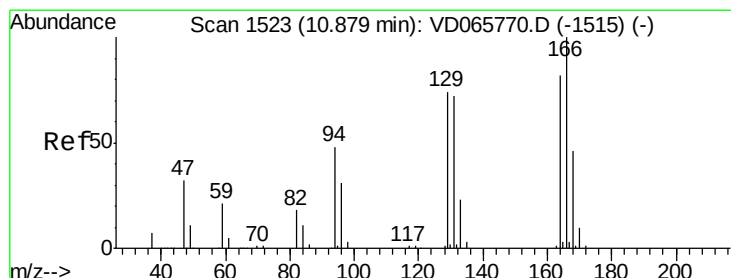
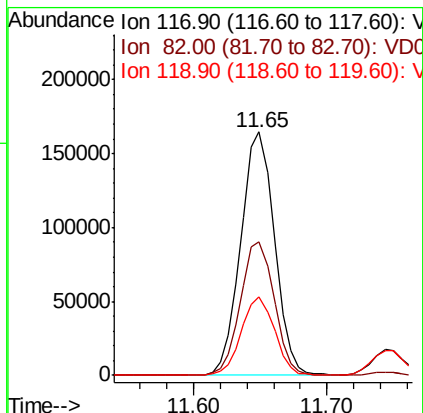
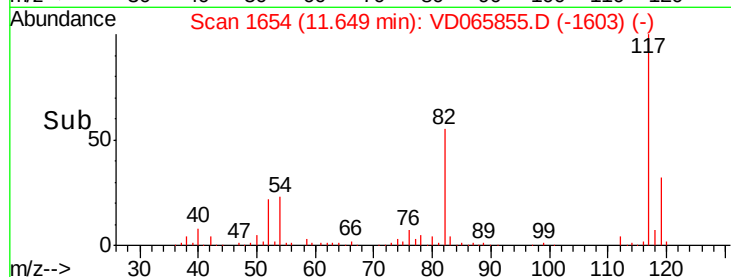
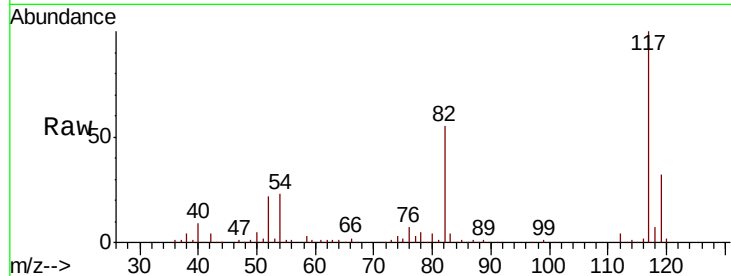




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

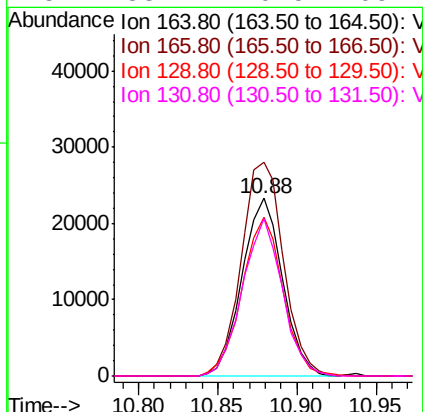
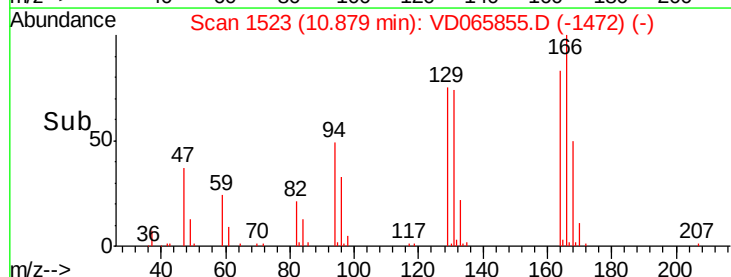
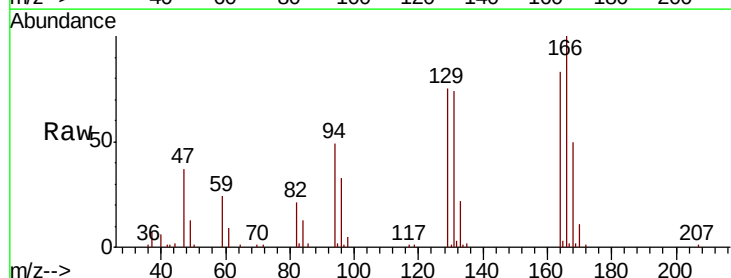
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

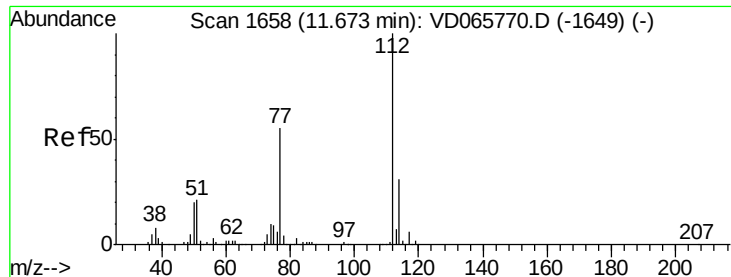
Tot Ion:117 Resp: 288777
Ion Ratio Lower Upper
117 100
82 54.8 41.9 62.9
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 21.191 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion:164 Resp: 41381
Ion Ratio Lower Upper
164 100
166 120.1 98.2 147.2
129 89.6 72.3 108.5
131 88.4 70.5 105.7

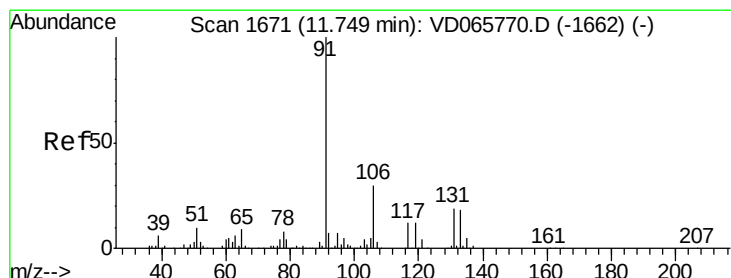
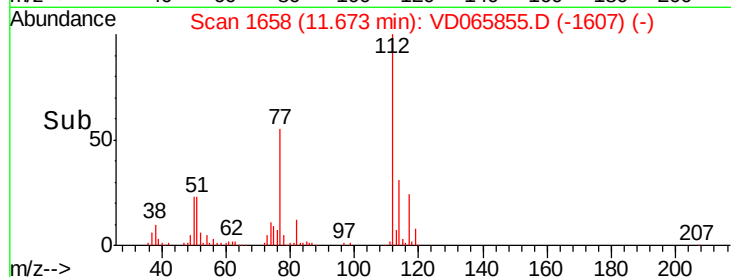
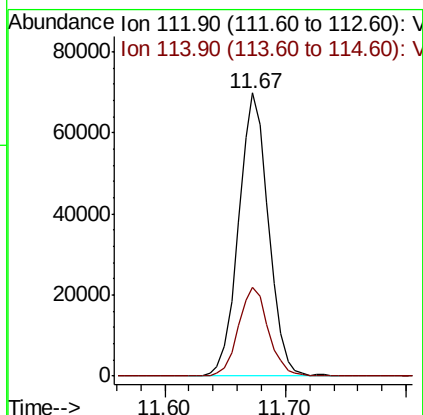
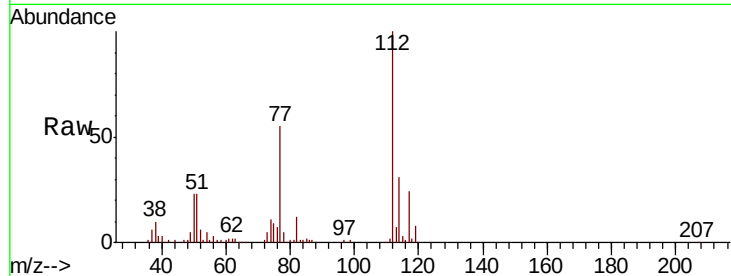




#65
Chlorobenzene
Concen: 21.289 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

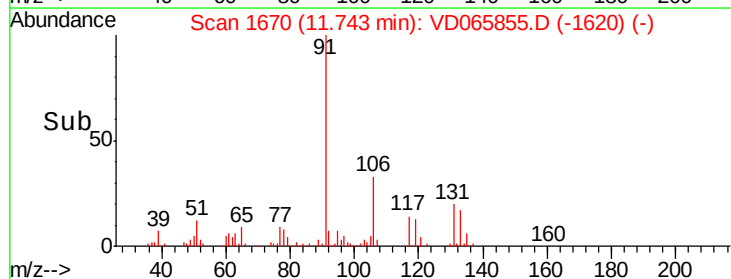
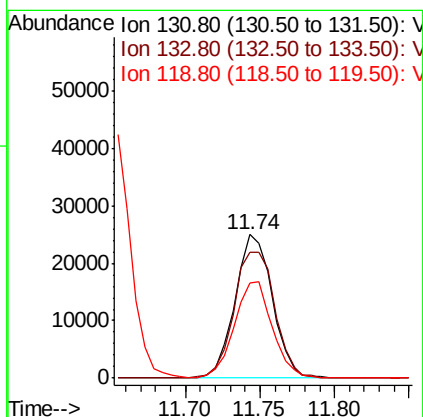
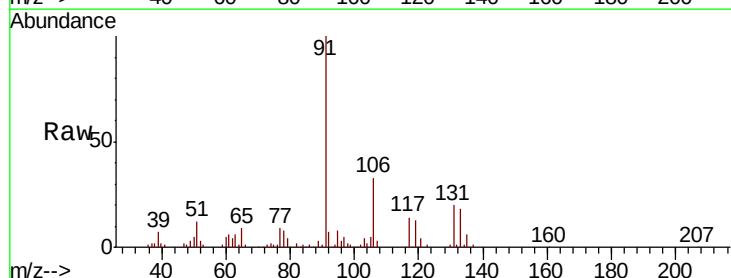
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

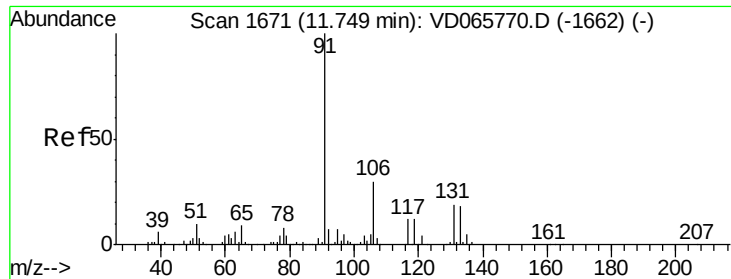
Tot Ion:112 Resp: 120021
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.727 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion:131 Resp: 43557
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.9
119 68.2 31.6 94.8

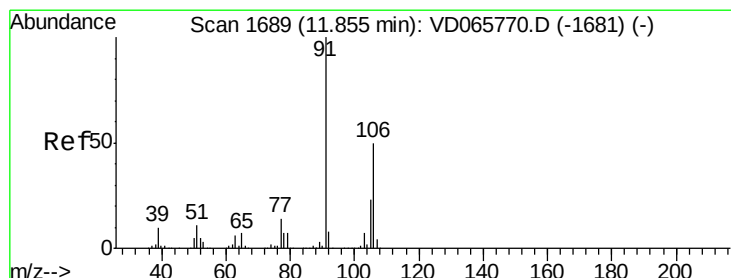
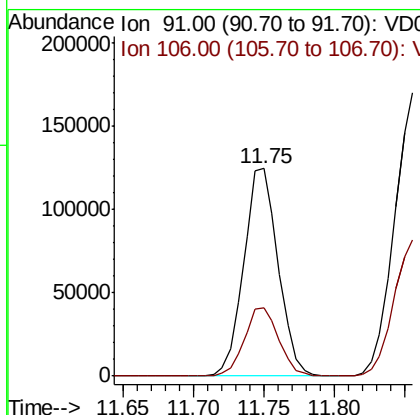
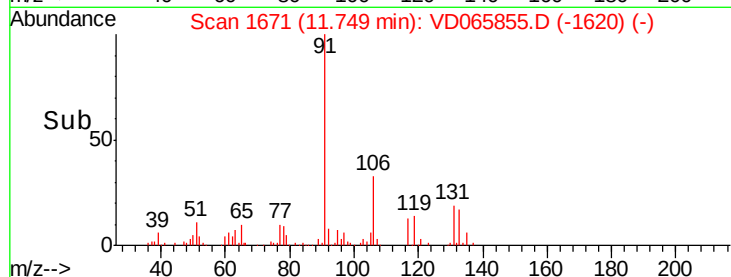
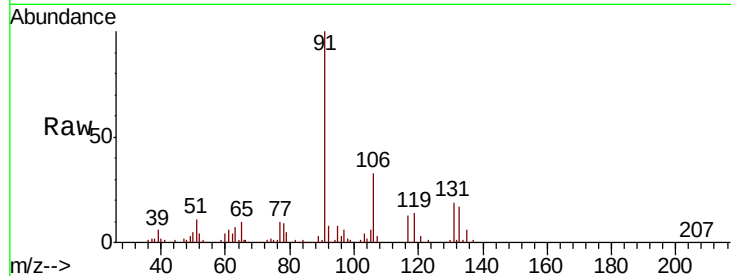




#67
Ethyl Benzene
Concen: 21.228 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

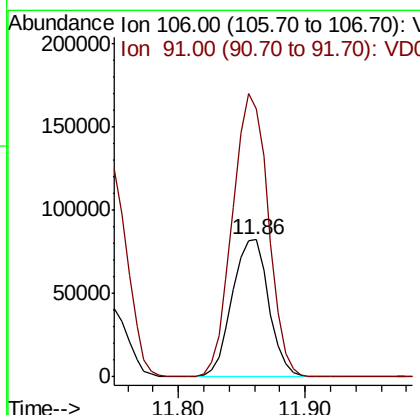
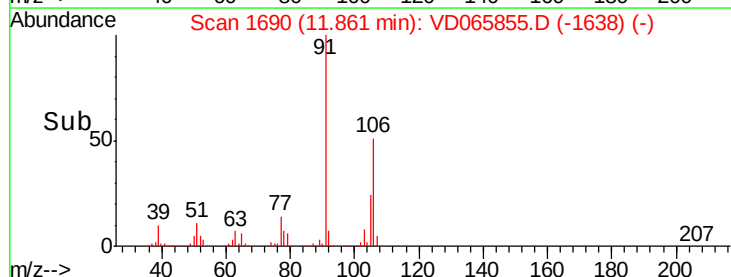
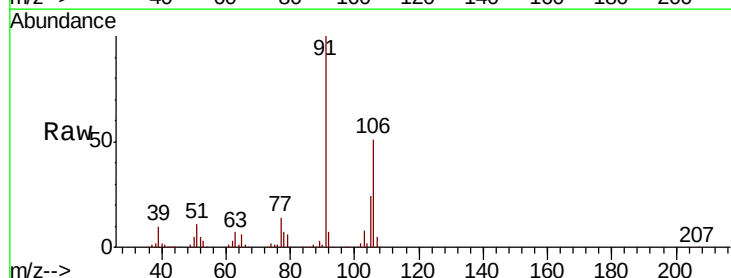
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

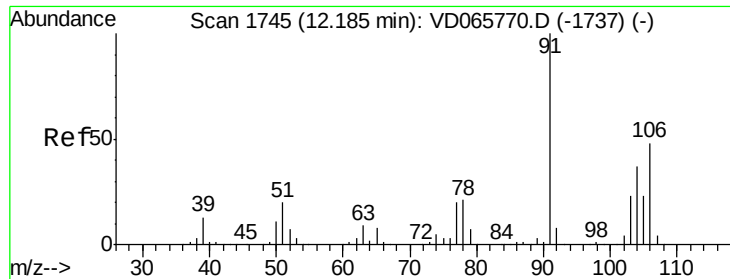
Tot Ion: 91 Resp: 213786
Ion Ratio Lower Upper
91 100
106 33.2 24.1 36.1



#68
m/p-Xylenes
Concen: 42.457 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 106 Resp: 164701
Ion Ratio Lower Upper
106 100
91 203.2 159.4 239.2

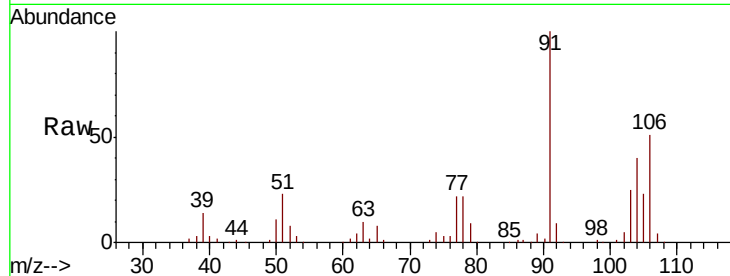




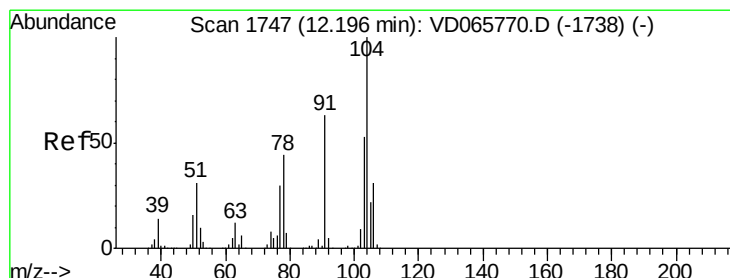
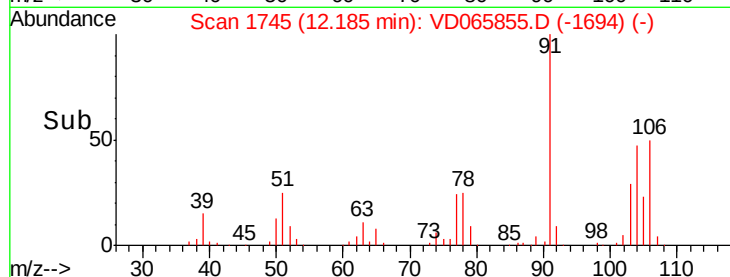
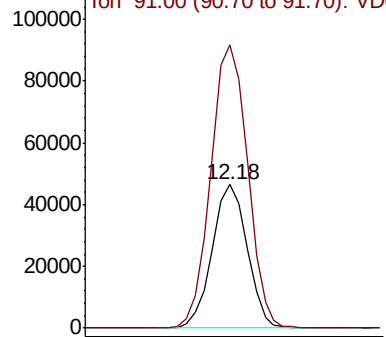
#69
o-Xylene
Concen: 21.662 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion:106 Resp: 75768
Ion Ratio Lower Upper
106 100
91 206.9 105.3 315.8

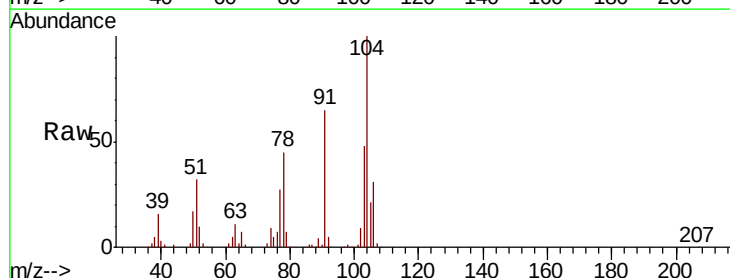


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

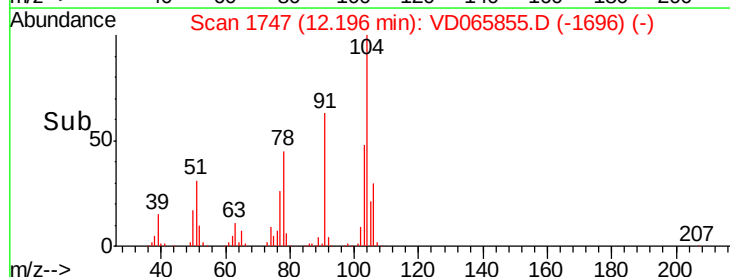
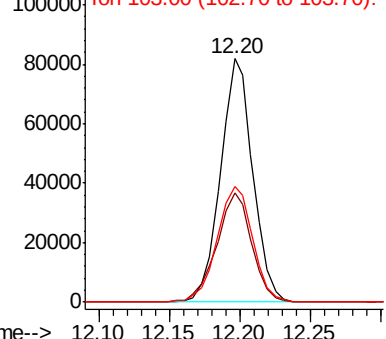


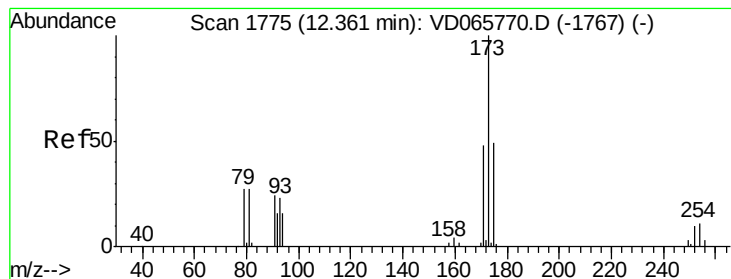
#70
Styrene
Concen: 21.699 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion:104 Resp: 131384
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 52.4 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: 20.155 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

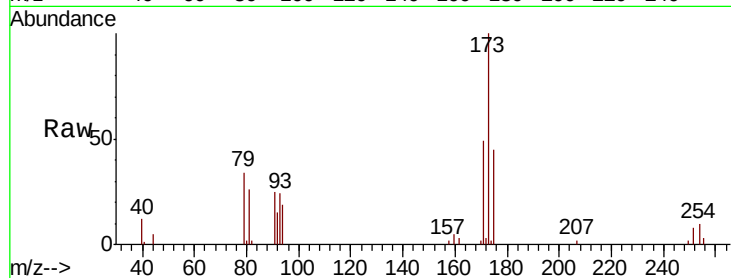
Tot Ion:173 Resp: 23324

Ion Ratio Lower Upper

173 100

175 47.7 24.8 74.4

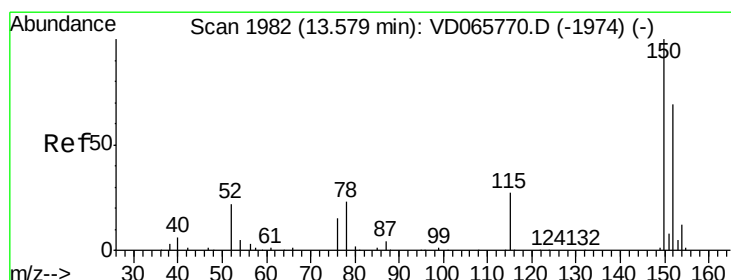
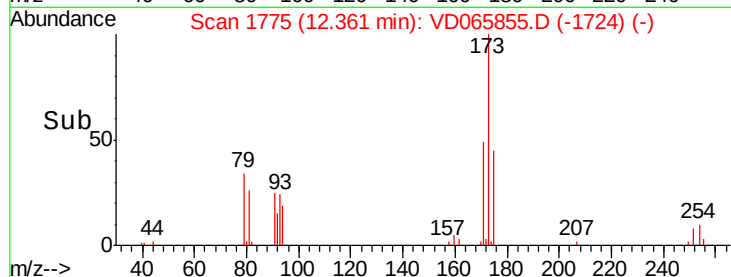
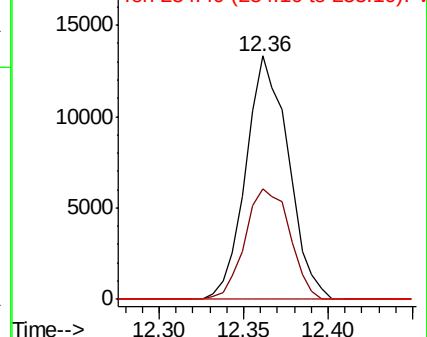
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

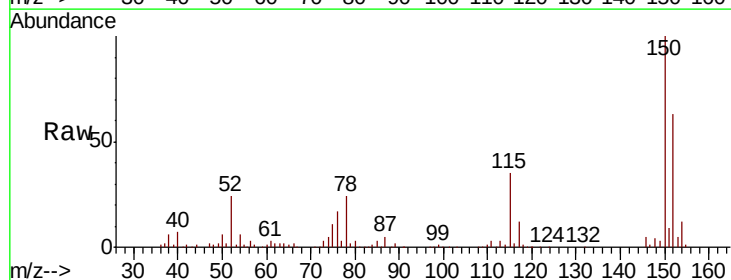
Tgt Ion:152 Resp: 146945

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

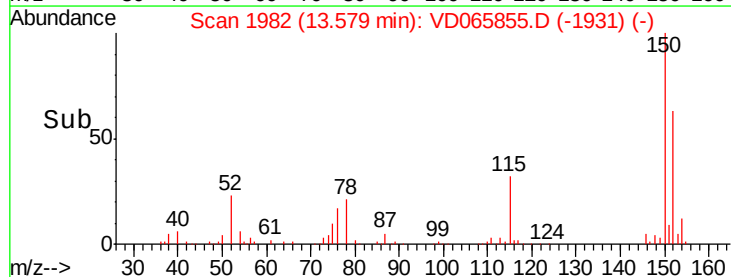
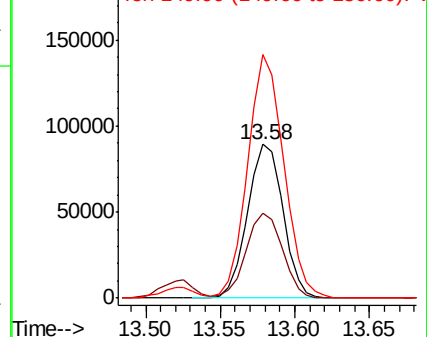
150 161.6 0.0 348.0

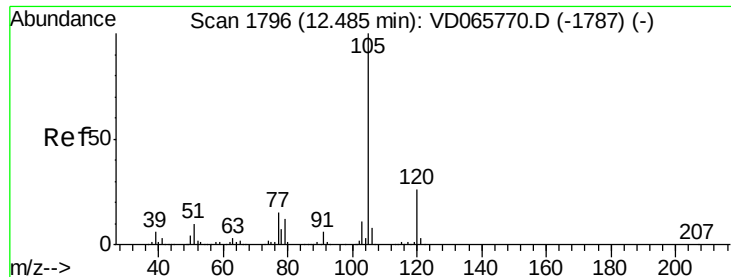


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.119 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

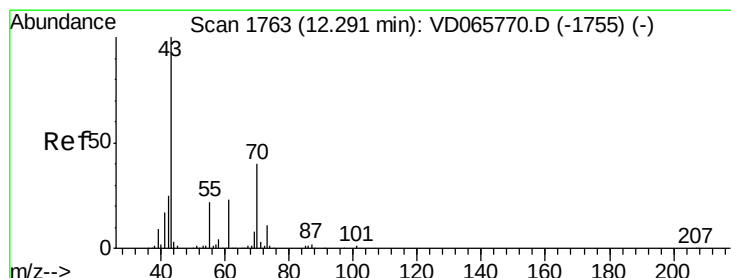
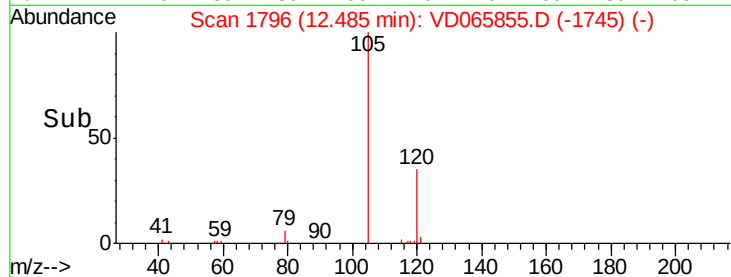
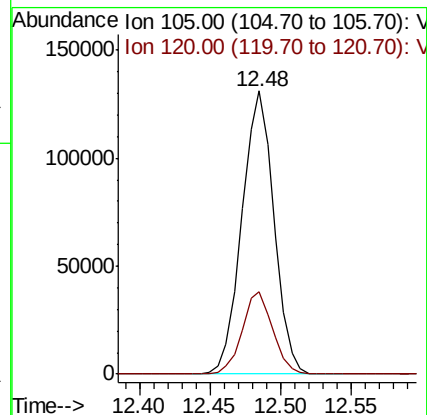
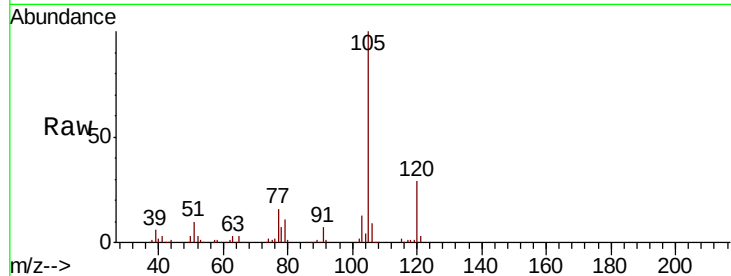
VD0623SBS01

Tot Ion:105 Resp: 208070

Ion Ratio Lower Upper

105 100

120 27.7 13.5 40.5



#74

N-ethyl acetate

Concen: 20.758 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion: 43 Resp: 45500

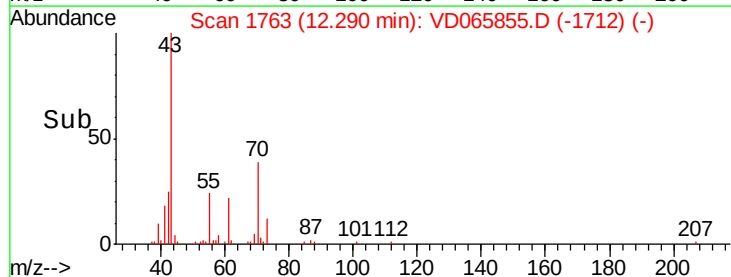
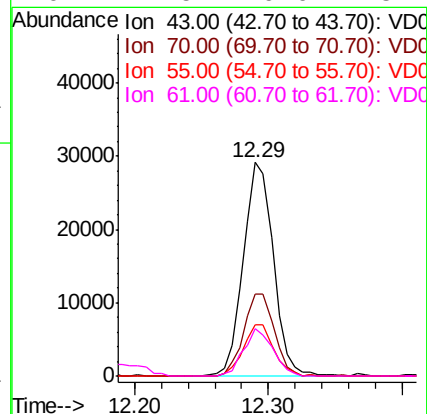
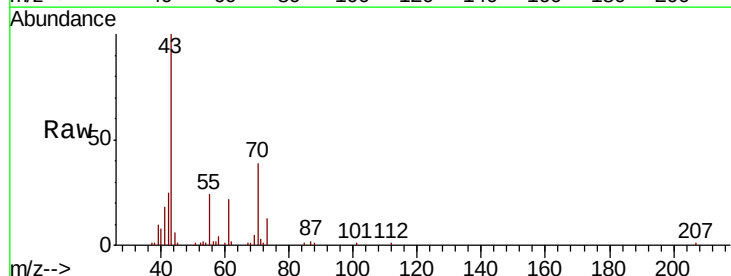
Ion Ratio Lower Upper

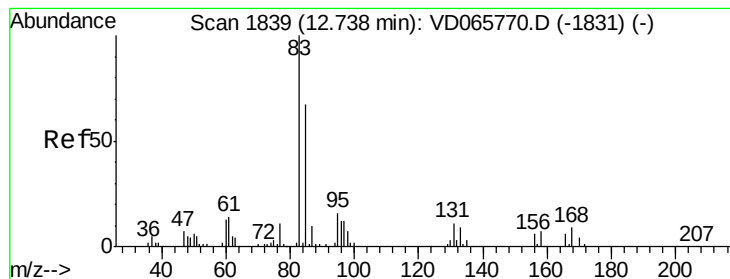
43 100

70 38.8 32.3 48.5

55 24.1 19.0 28.4

61 21.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.801 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

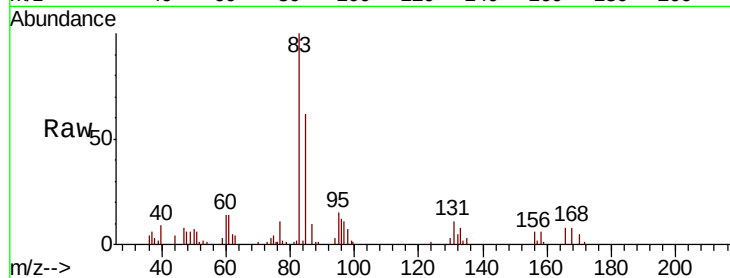
Tot Ion: 83 Resp: 34610

Ion Ratio Lower Upper

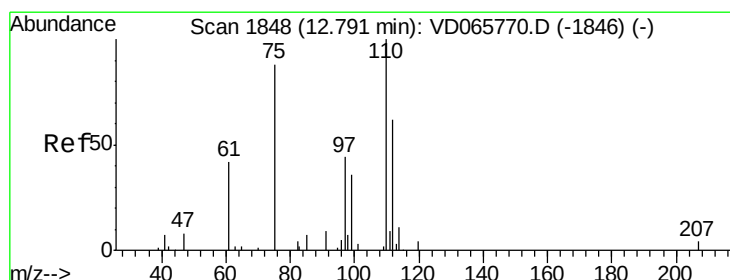
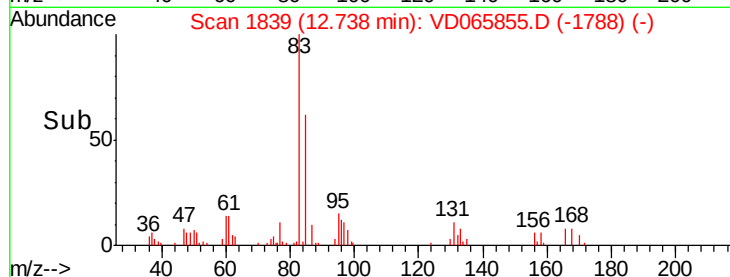
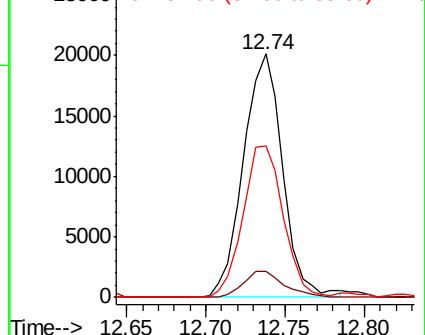
83 100

131 11.1 5.5 16.4

85 63.9 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: 40.205 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065855.D

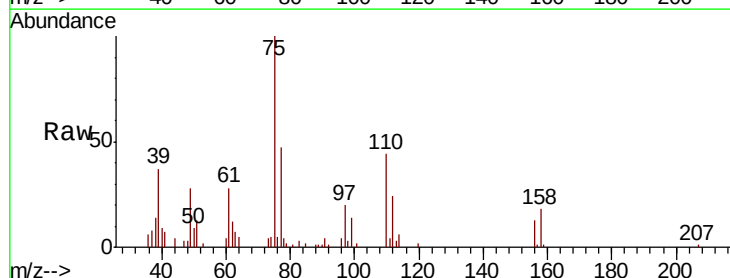
Acq: 23 Jun 2020 12:58

Tgt Ion: 75 Resp: 45947

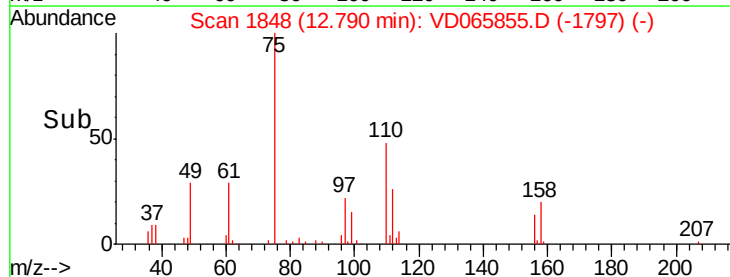
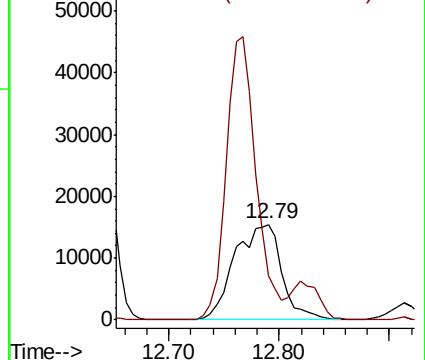
Ion Ratio Lower Upper

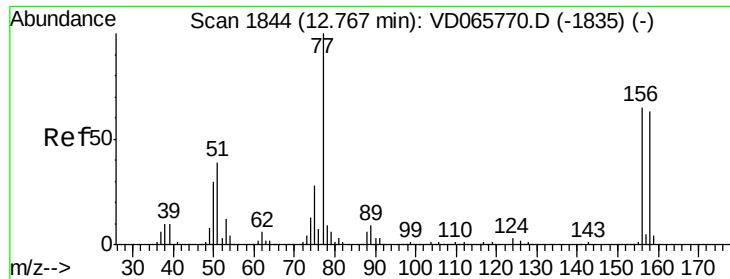
75 100

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: 20.902 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

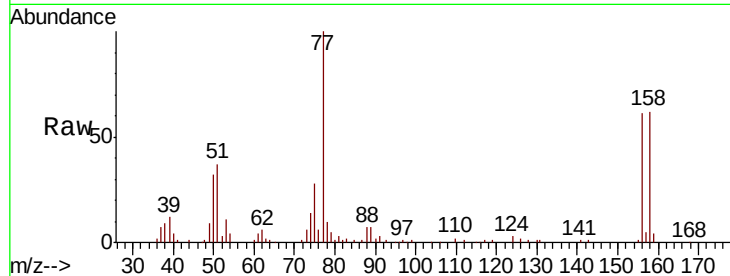
Tot Ion:156 Resp: 48722

Ion Ratio Lower Upper

156 100

77 178.0 87.3 261.8

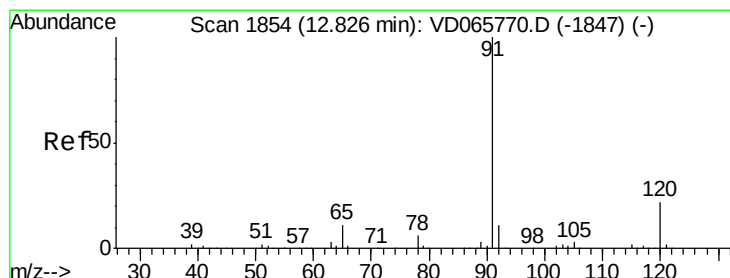
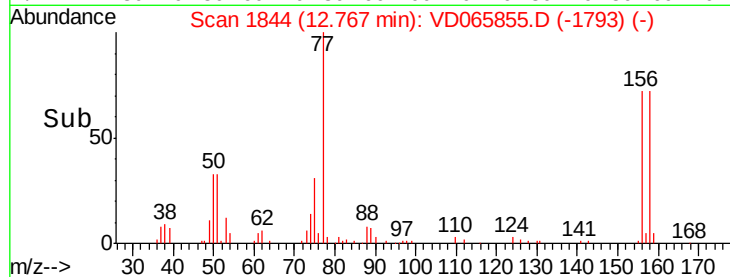
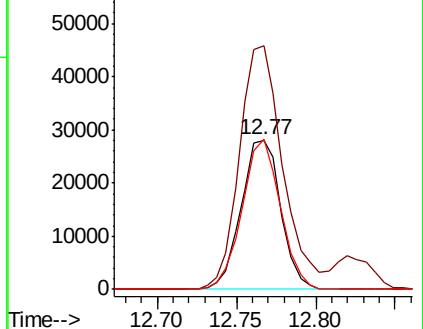
158 97.0 48.0 144.0



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: 21.406 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065855.D

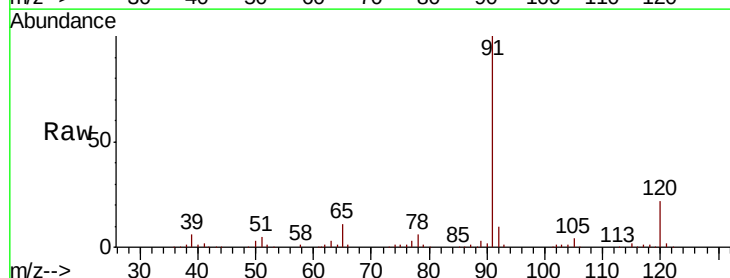
Acq: 23 Jun 2020 12:58

Tgt Ion: 91 Resp: 253862

Ion Ratio Lower Upper

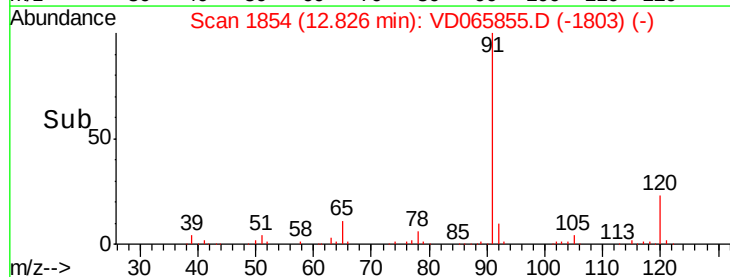
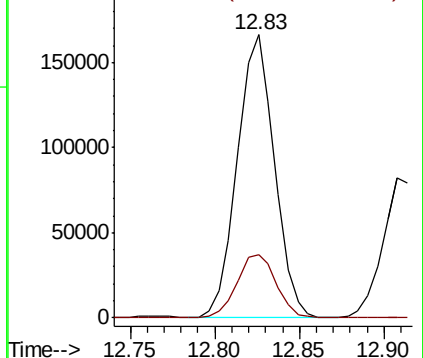
91 100

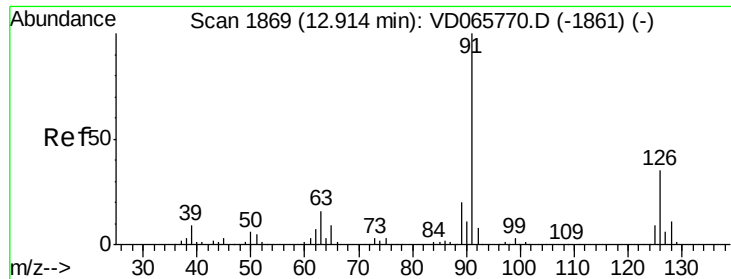
120 23.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

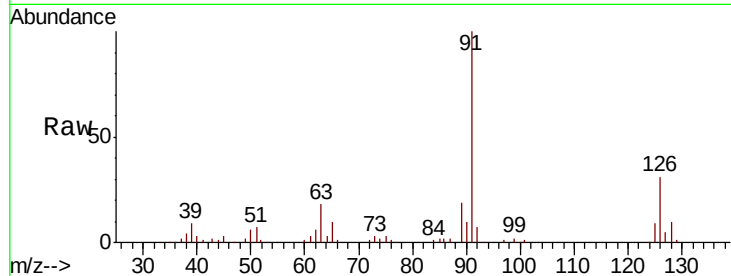




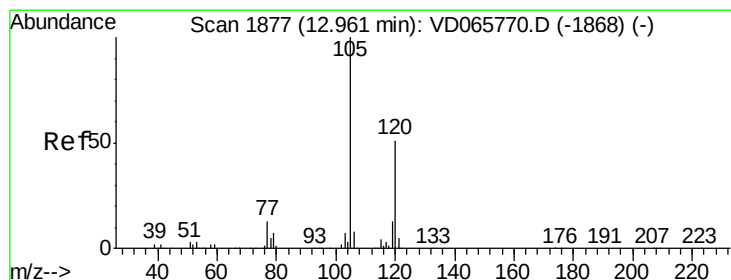
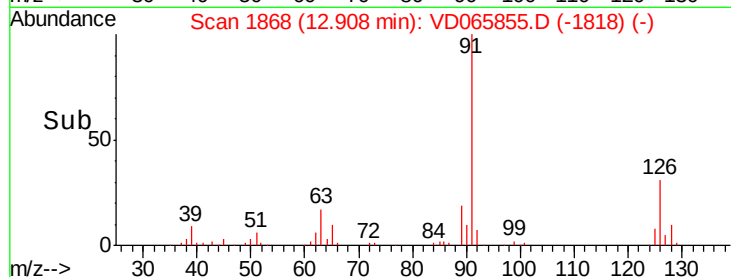
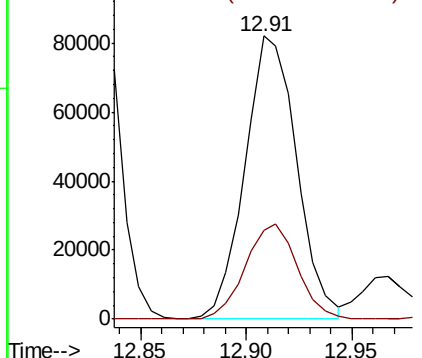
#79
 2-Chlorotoluene
 Concen: 21.419 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion: 91 Resp: 139345
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.5 52.6

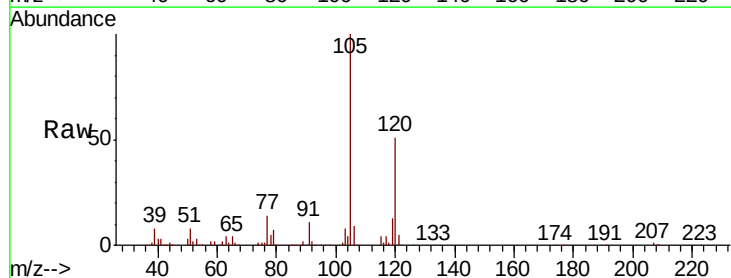


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

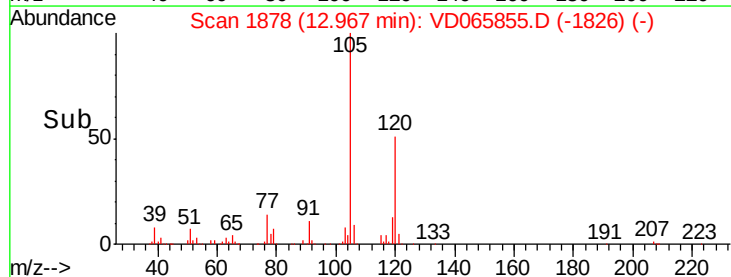
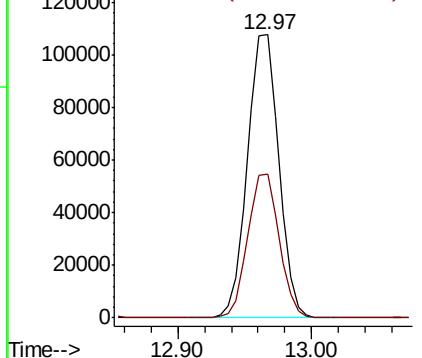


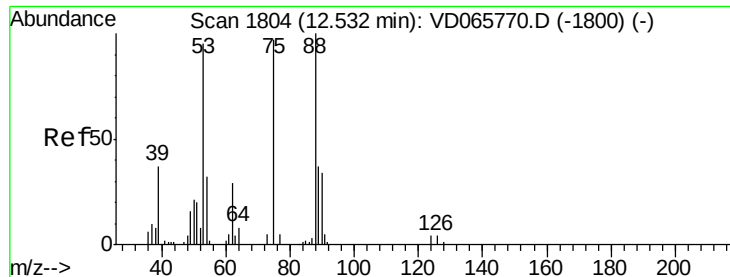
#80
 1,3,5-Trimethylbenzene
 Concen: 21.280 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 105 Resp: 174470
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.4 76.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 20.368 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

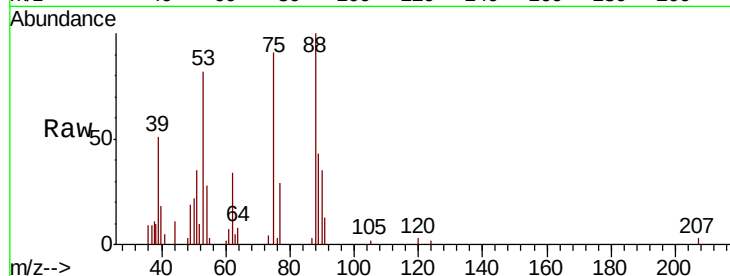
Tot Ion: 75 Resp: 10773

Ion Ratio Lower Upper

75 100

53 101.7 82.6 123.8

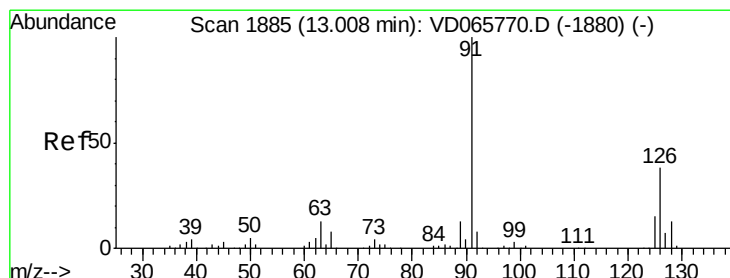
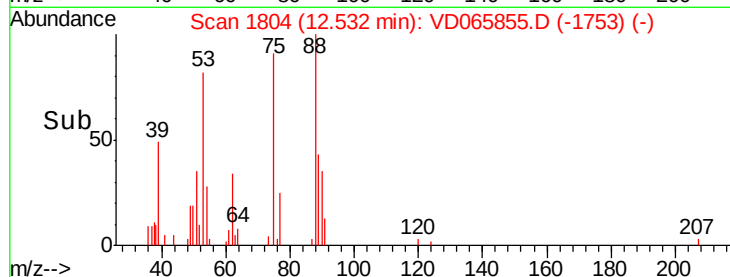
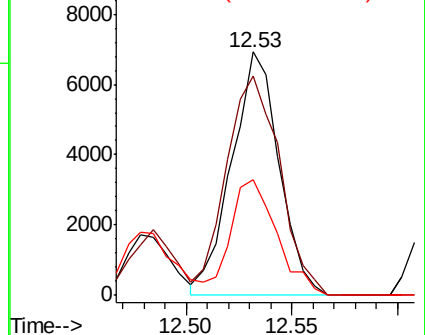
89 46.1 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.365 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065855.D

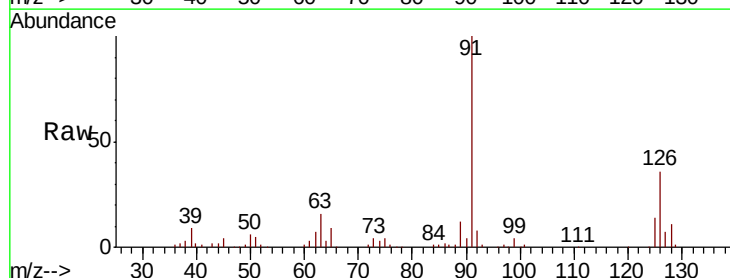
Acq: 23 Jun 2020 12:58

Tgt Ion: 91 Resp: 149193

Ion Ratio Lower Upper

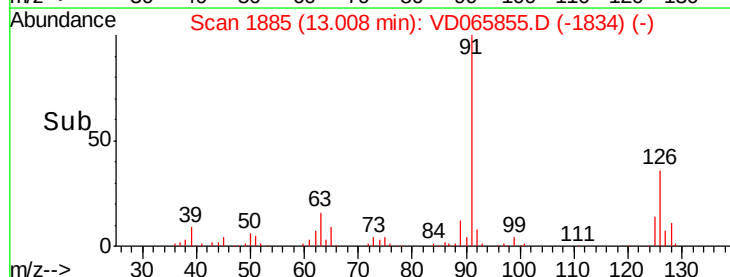
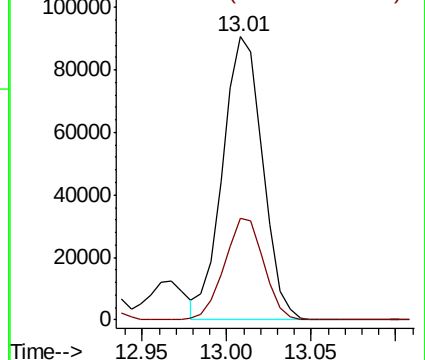
91 100

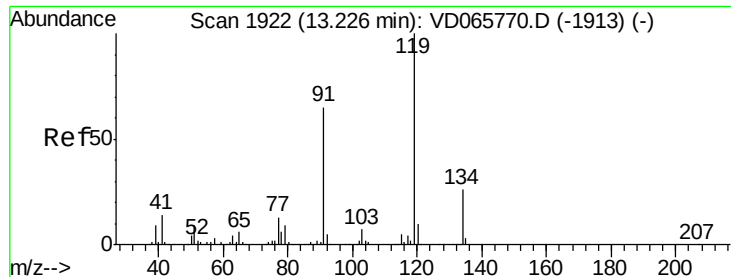
126 35.6 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

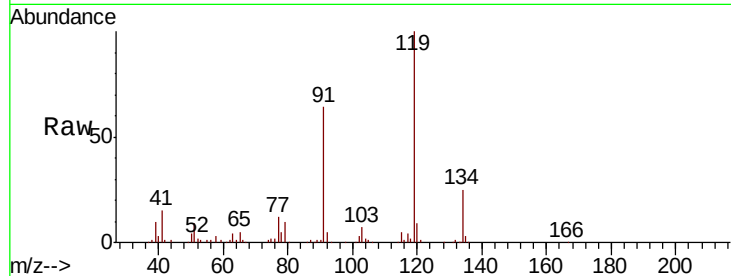




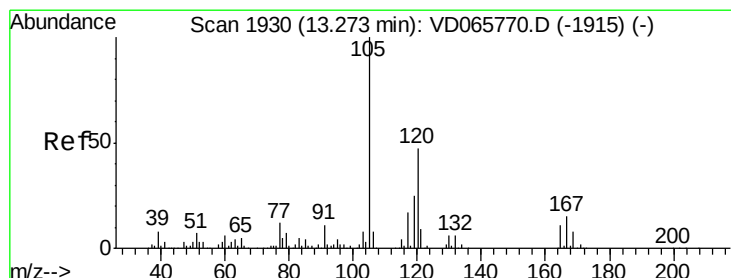
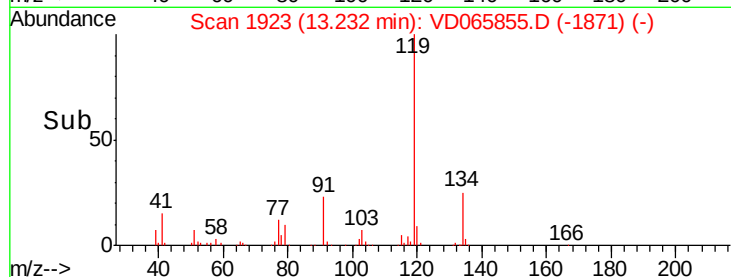
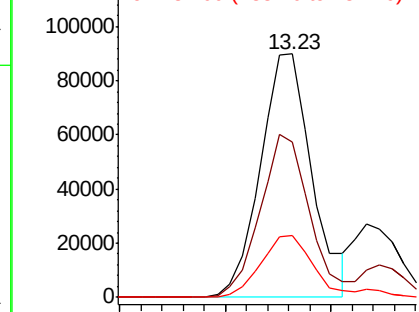
#83
tert-Butylbenzene
Concen: 21.411 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion:119 Resp: 152317
Ion Ratio Lower Upper
119 100
91 65.0 32.0 96.0
134 25.8 13.8 41.4

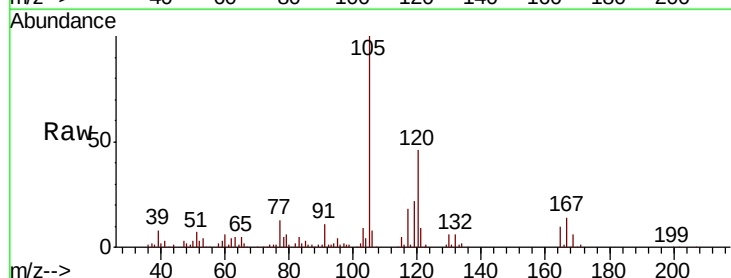


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

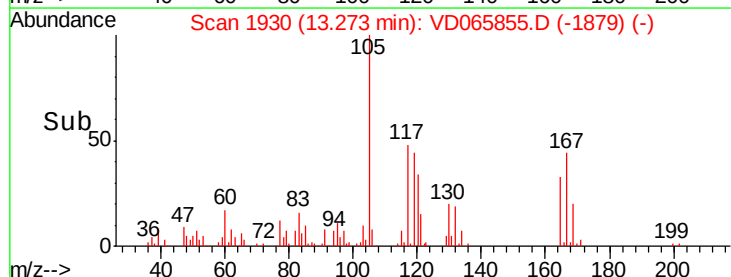
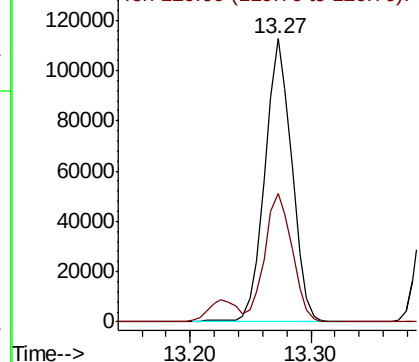


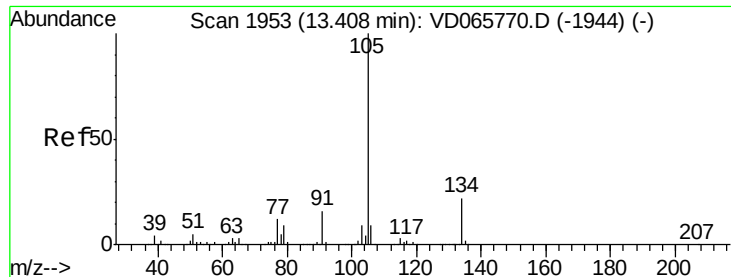
#84
1,2,4-Trimethylbenzene
Concen: 21.162 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion:105 Resp: 173662
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8



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





#85

sec-Butylbenzene

Concen: 21.257 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

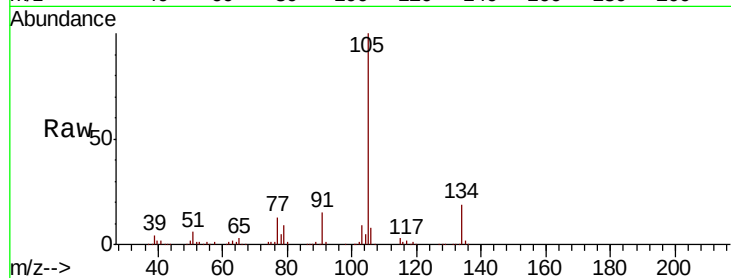
VD0623SBS01

Tot Ion:105 Resp: 210444

Ion Ratio Lower Upper

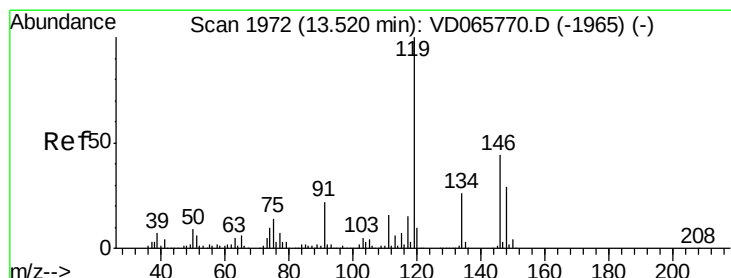
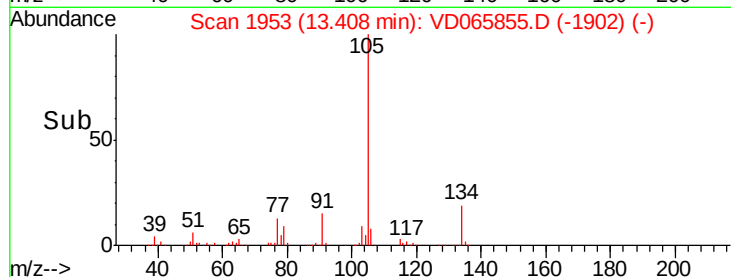
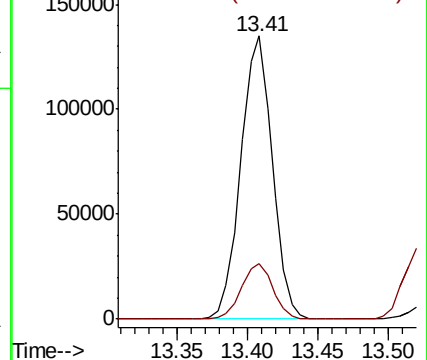
105 100

134 19.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.342 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

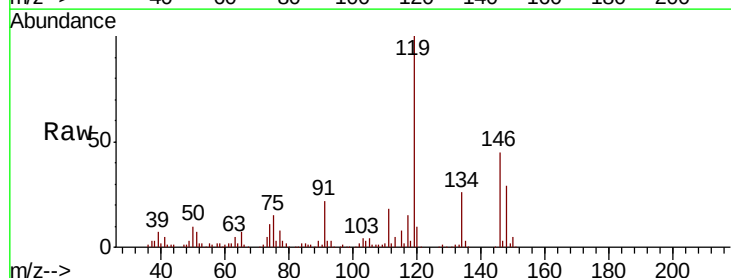
Tgt Ion:119 Resp: 193659

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

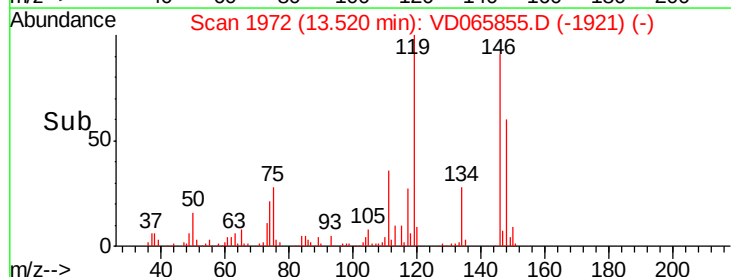
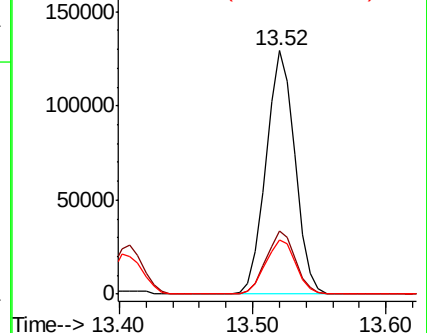
91 23.5 11.8 35.4

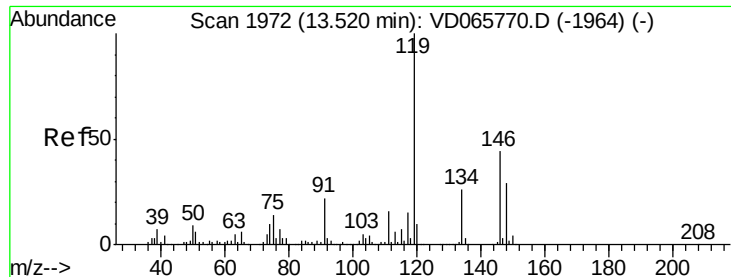


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.627 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

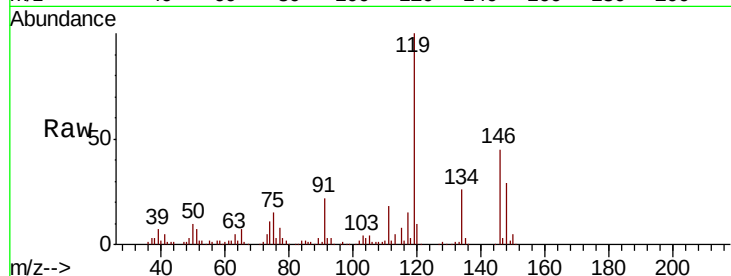
Tot Ion:146 Resp: 94805

Ion Ratio Lower Upper

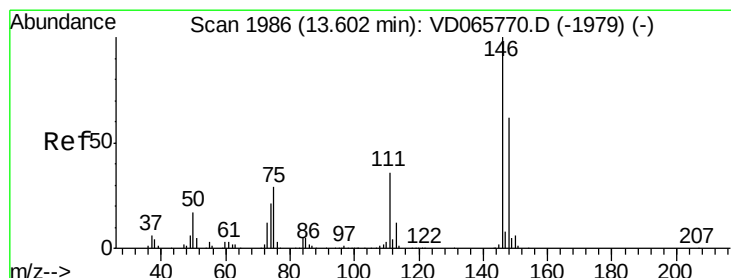
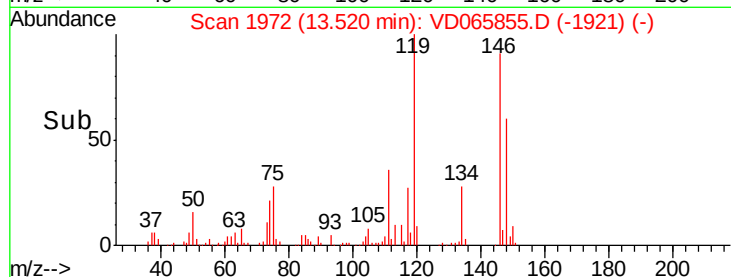
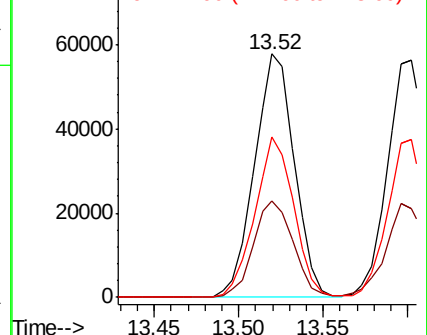
146 100

111 39.5 19.2 57.6

148 64.1 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: 20.590 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

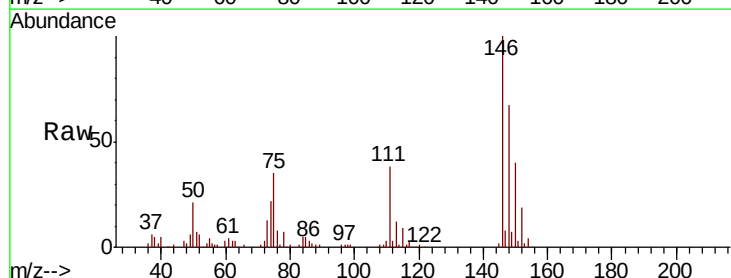
Tgt Ion:146 Resp: 94136

Ion Ratio Lower Upper

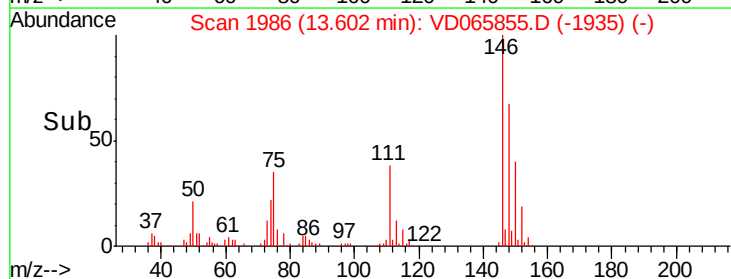
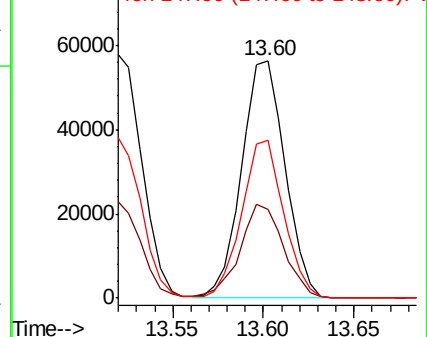
146 100

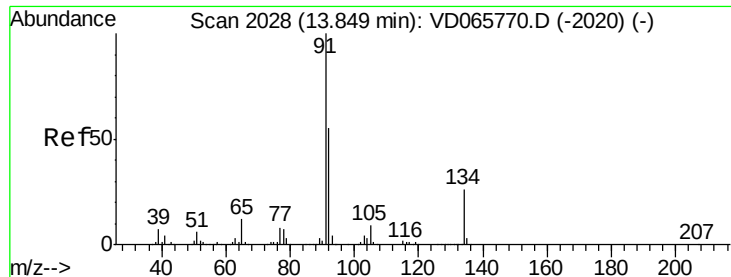
111 39.8 18.9 56.7

148 64.3 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

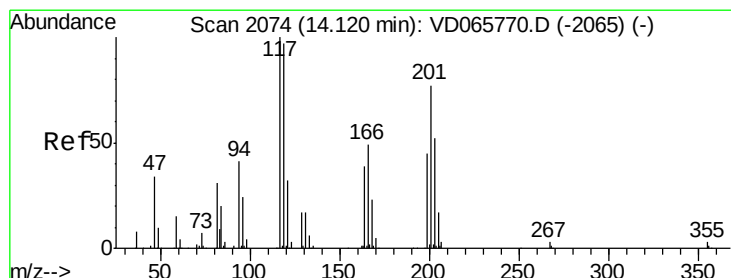
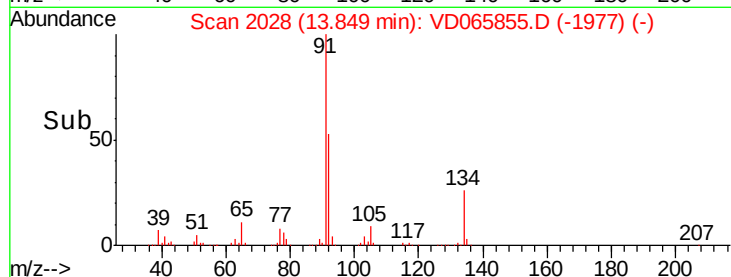
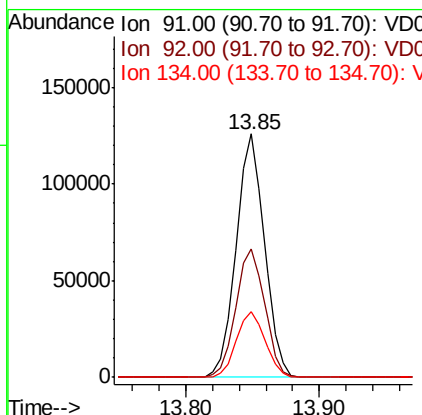
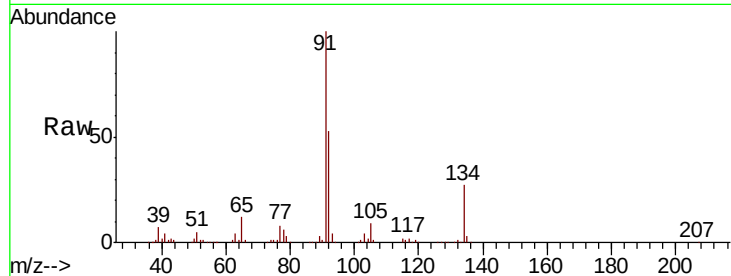




#89
n-Butylbenzene
Concen: 21.431 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

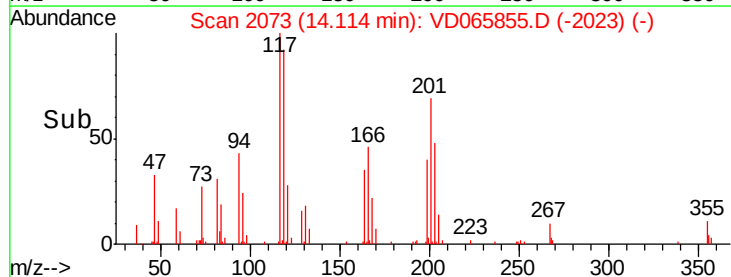
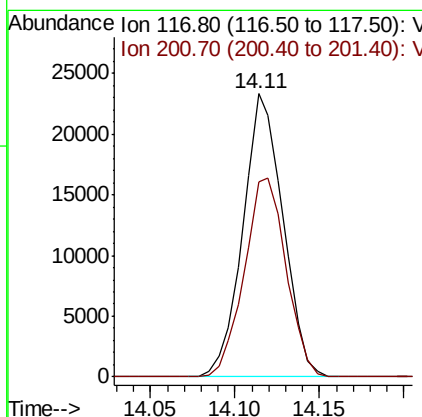
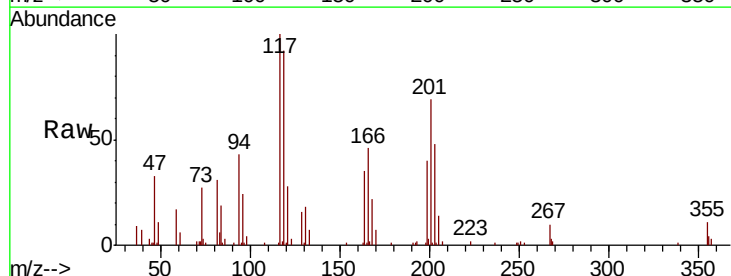
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

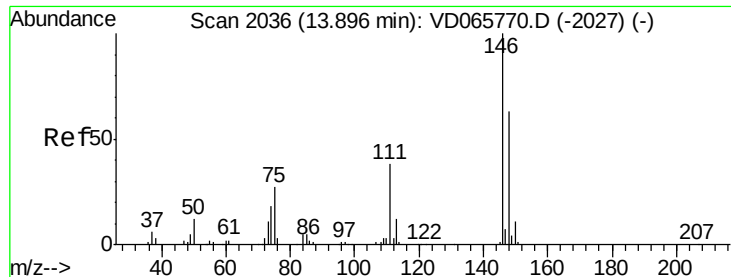
Tot Ion: 91 Resp: 185469
Ion Ratio Lower Upper
91 100
92 53.7 27.0 81.0
134 27.4 13.0 39.0



#90
Hexachloroethane
Concen: 21.144 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 117 Resp: 38403
Ion Ratio Lower Upper
117 100
201 73.5 37.1 111.5

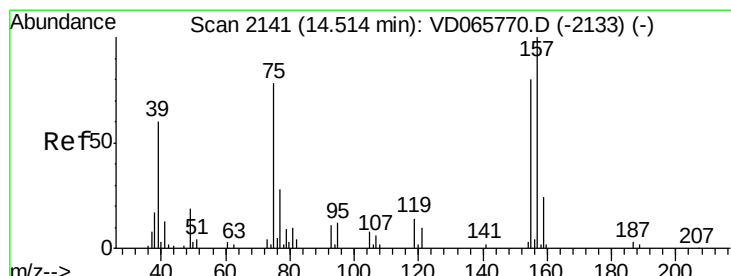
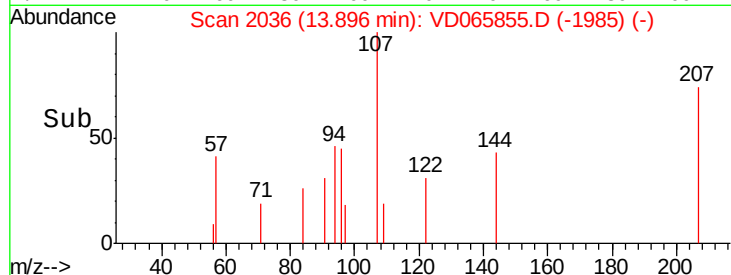
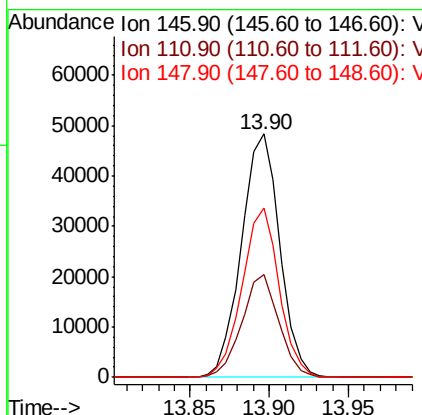
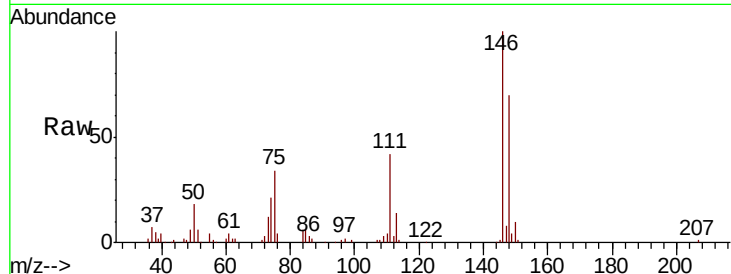




#91
 1,2-Dichlorobenzene
 Concen: 20.533 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

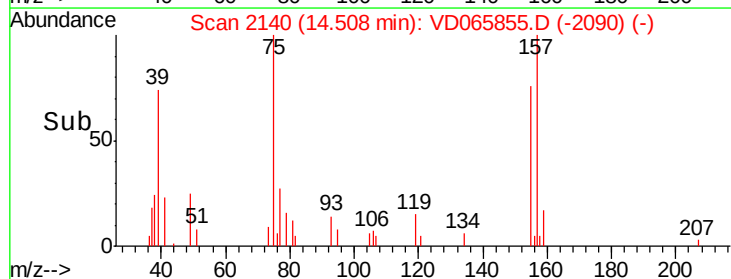
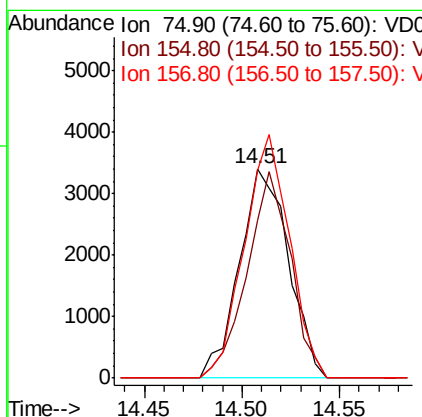
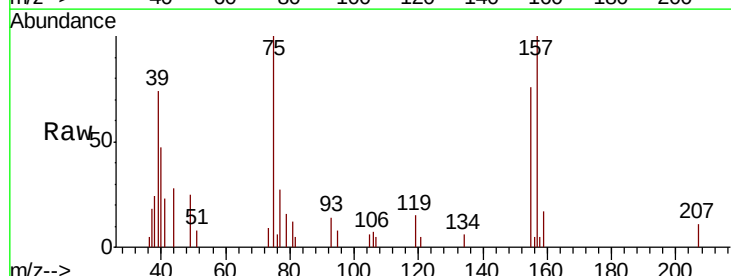
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

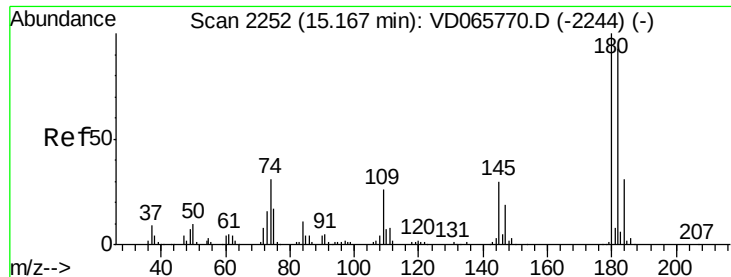
Tot Ion:146 Resp: 81218
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.8 59.4
 148 67.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.390 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion: 75 Resp: 5923
 Ion Ratio Lower Upper
 75 100
 155 87.4 46.3 138.9
 157 107.3 58.1 174.3

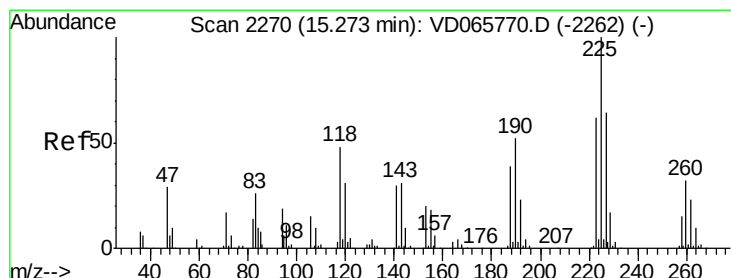
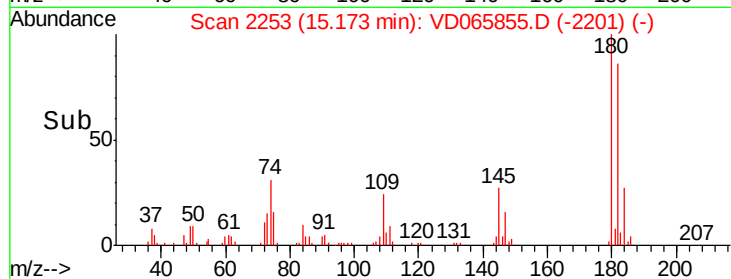
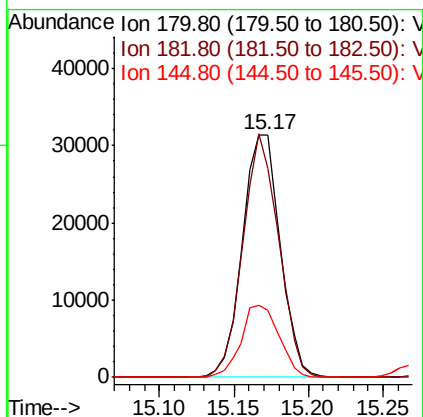
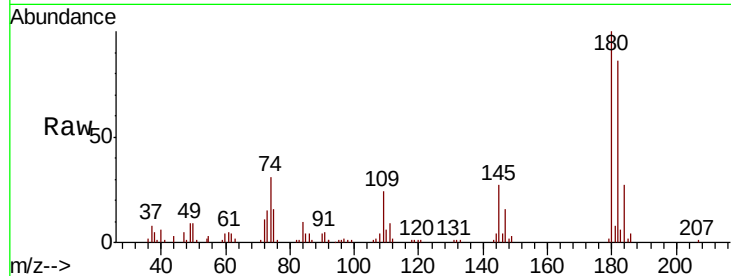




#93
 1,2,4-Trichlorobenzene
 Concen: 20.533 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

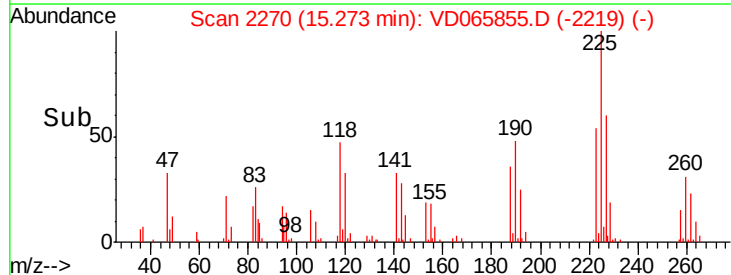
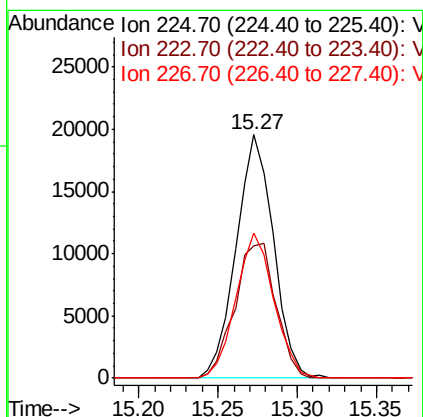
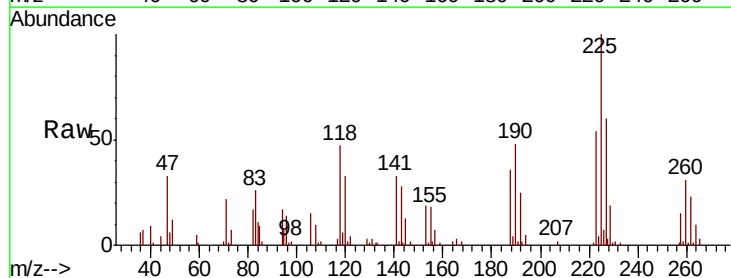
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

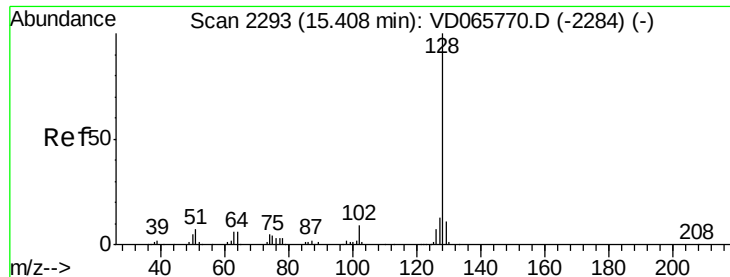
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	29.8	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 19.684 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.9	92.7
227	60.6	31.9	95.7

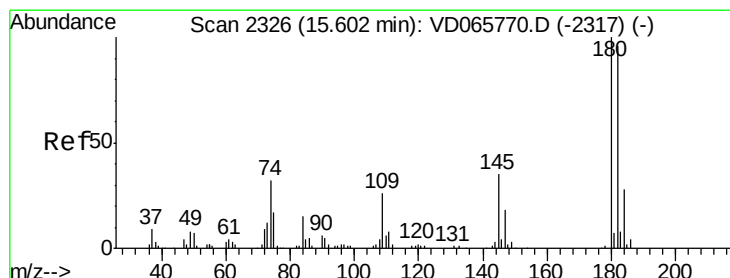
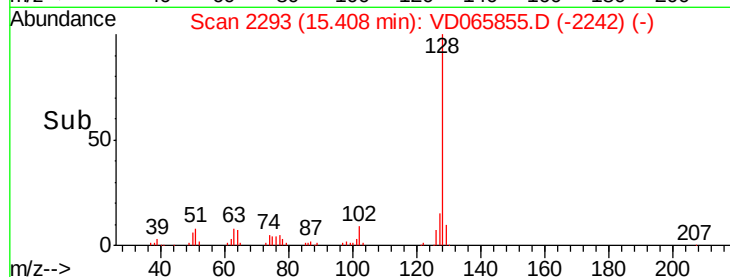
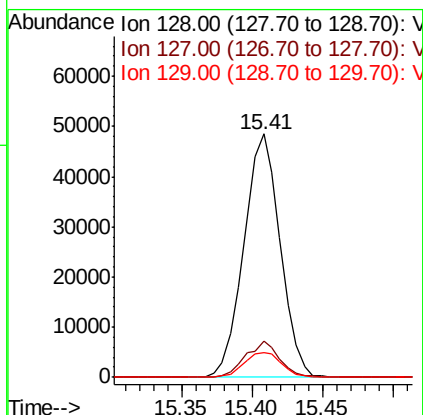
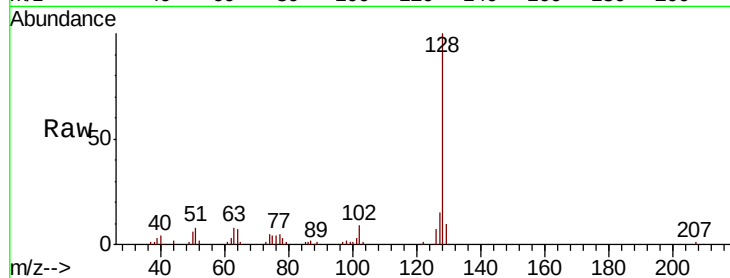




#95
Naphthalene
Concen: 19.226 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion:128 Resp: 87588
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.069 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion:180 Resp: 46487
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.2
145 31.6 16.2 48.6

