

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

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:52:33 AM

Quant Time: Jun 24 05:39:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	100270	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	7.91	113	98540	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.34	98	376301	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.64	95	125503	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

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

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	76618	22.326	ug/l	96
40) Benzene	8.35	78	175280	22.120	ug/l	99
41) Methacrylonitrile	7.52	41	13162m	19.362	ug/l	
42) 1,2-Dichloroethane	8.43	62	51840	21.683	ug/l	99
43) Isopropyl Acetate	8.45	43	50199	22.112	ug/l	99
44) Trichloroethene	9.11	130	49573	22.481	ug/l	94
45) 1,2-Dichloropropane	9.38	63	44094	22.147	ug/l	95
46) Dibromomethane	9.48	93	23658	21.909	ug/l	97
47) Bromodichloromethane	9.66	83	62323	21.538	ug/l	98
48) Methyl methacrylate	9.46	41	25230	22.959	ug/l	98
49) 1,4-Dioxane	9.46	88	4750	413.281	ug/l #	85
51) 4-Methyl-2-Pentanone	10.23	43	125391	112.717	ug/l	98
52) Toluene	10.40	92	117035	22.731	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	59580	22.738	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	69422	22.433	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	31939	22.137	ug/l	98
56) Ethyl methacrylate	10.66	69	37688	22.208	ug/l	98
57) 1,3-Dichloropropane	10.95	76	55508	22.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	85950	108.937	ug/l	99
59) 2-Hexanone	10.98	43	87813	117.085	ug/l	99
60) Dibromochloromethane	11.14	129	42821	21.970	ug/l	100
61) 1,2-Dibromoethane	11.25	107	30712	21.660	ug/l	99
64) Tetrachloroethene	10.88	164	39759	20.952	ug/l	95
65) Chlorobenzene	11.67	112	121327	22.146	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	44741	21.909	ug/l	99
67) Ethyl Benzene	11.75	91	218972	22.374	ug/l	99
68) m/p-Xylenes	11.86	106	167771	44.504	ug/l	100
69) o-Xylene	12.18	106	75026	22.073	ug/l	99
70) Styrene	12.20	104	128692	21.871	ug/l	97
71) Bromoform	12.36	173	23894	21.248	ug/l #	97
73) Isopropylbenzene	12.48	105	211157	22.505	ug/l	99
74) N-amyl acetate	12.30	43	44088	21.121	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	36524	23.050	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	24932m	22.908	ug/l	
77) Bromobenzene	12.76	156	49445	22.273	ug/l	99
78) n-propylbenzene	12.83	91	255714	22.642	ug/l	100
79) 2-Chlorotoluene	12.91	91	139837	22.570	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	175023	22.416	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	11032	21.901	ug/l	98
82) 4-Chlorotoluene	13.01	91	148125	22.274	ug/l	98
83) tert-Butylbenzene	13.23	119	150273	22.181	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	176095	22.533	ug/l	99
85) sec-Butylbenzene	13.41	105	212591	22.548	ug/l	99
86) p-Isopropyltoluene	13.52	119	194795	22.542	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	94993	21.702	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	94020	21.593	ug/l	97
89) n-Butylbenzene	13.85	91	185262	22.478	ug/l	98
90) Hexachloroethane	14.12	117	39678	22.939	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	81833	21.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5784	21.933	ug/l	88

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ClientSampleId :
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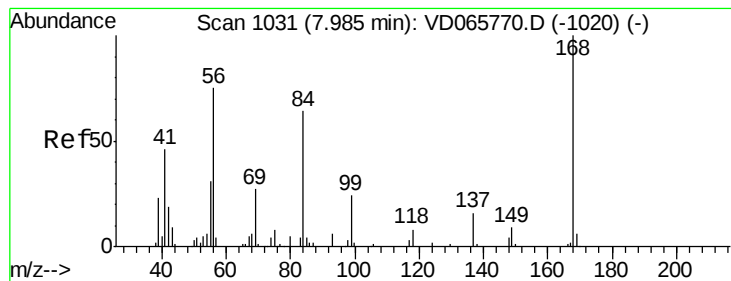
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion:168 Resp: 189911

Ion Ratio Lower Upper

168 100

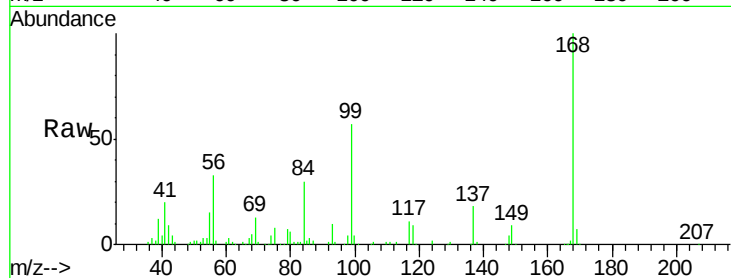
99 57.0 45.3 67.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

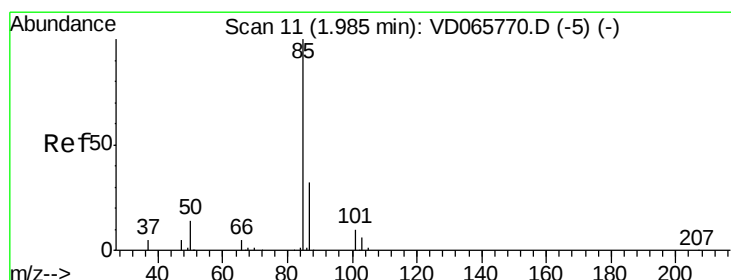
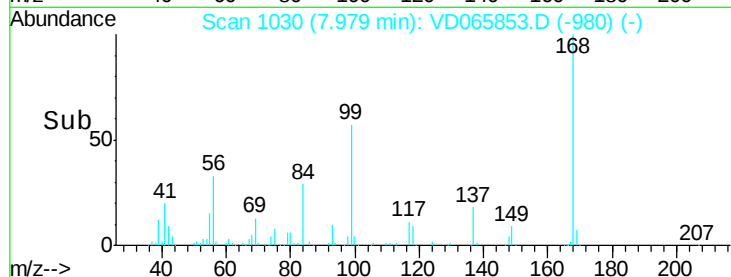
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.521 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065853.D

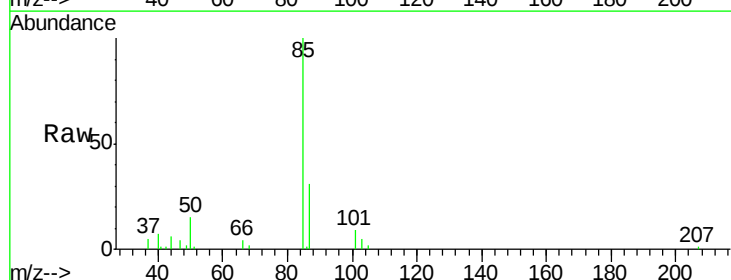
Acq: 23 Jun 2020 12:04

Tgt Ion: 85 Resp: 32713

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

25000

20000

15000

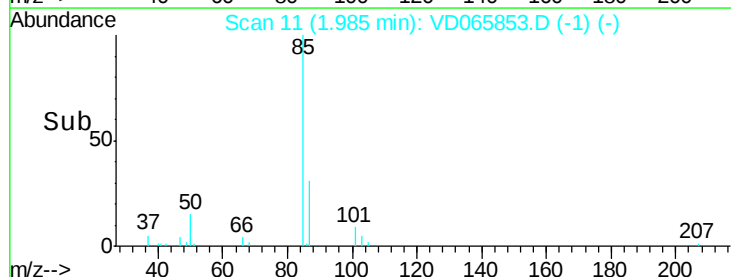
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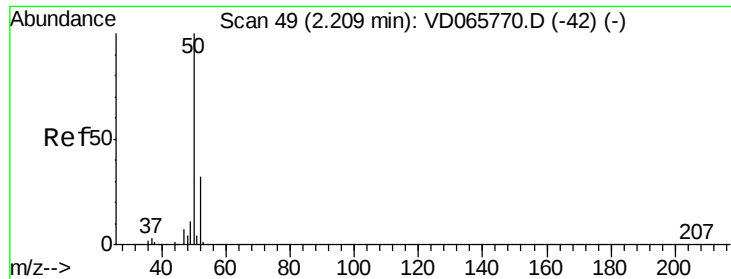
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 25.314 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 50 Resp: 59878

Ion Ratio Lower Upper

50 100

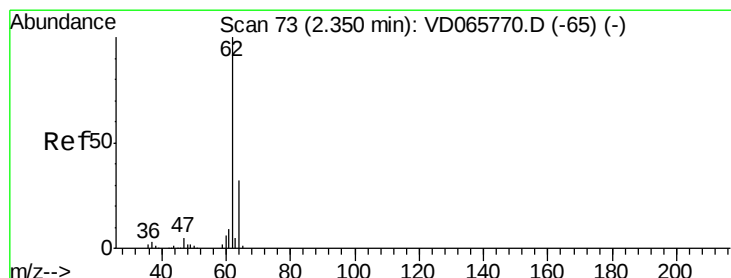
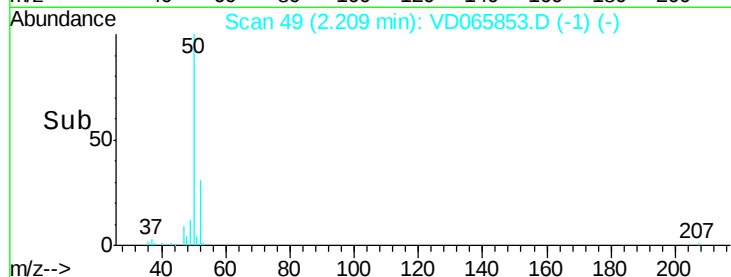
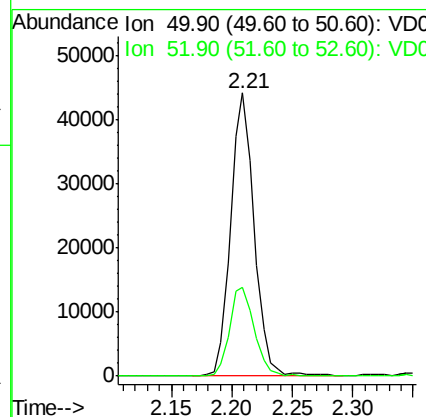
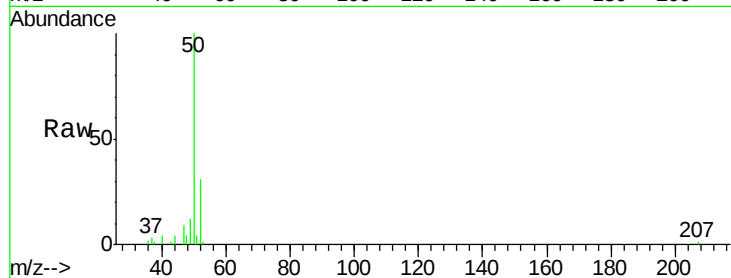
52 31.5 25.6 38.4

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#4

Vinyl Chloride

Concen: 24.285 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065853.D

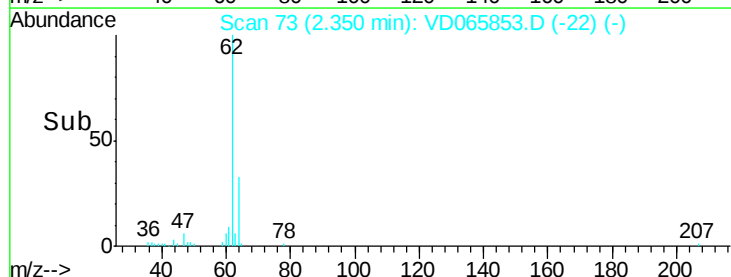
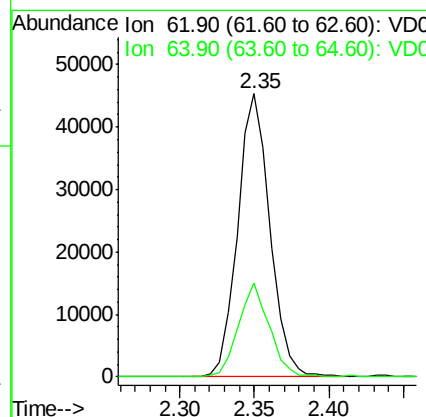
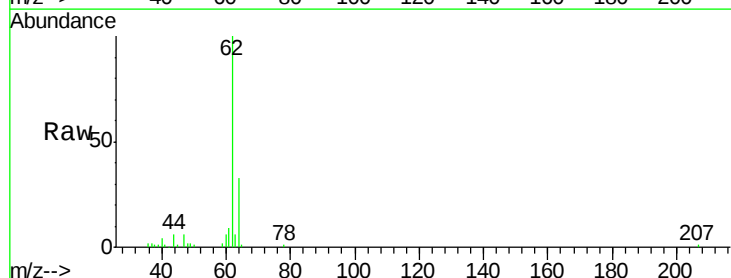
Acq: 23 Jun 2020 12:04

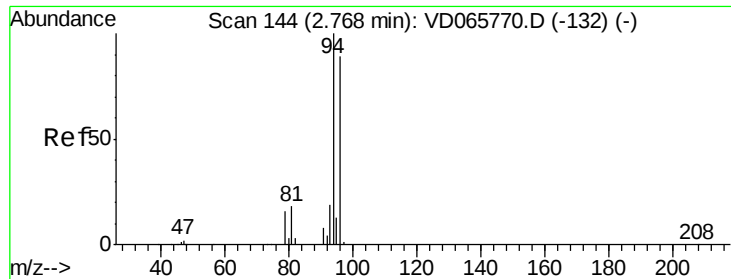
Tgt Ion: 62 Resp: 68044

Ion Ratio Lower Upper

62 100

64 33.3 25.3 37.9





#5

Bromomethane

Concen: 24.225 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 94 Resp: 47468

Ion Ratio Lower Upper

94 100

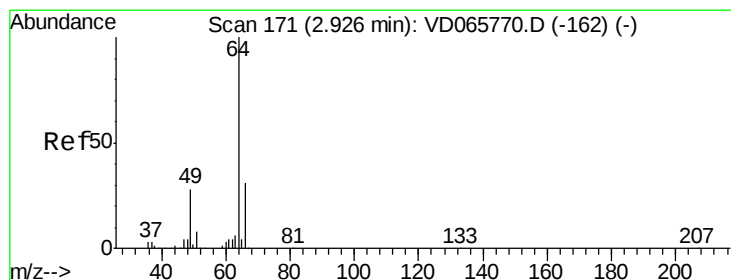
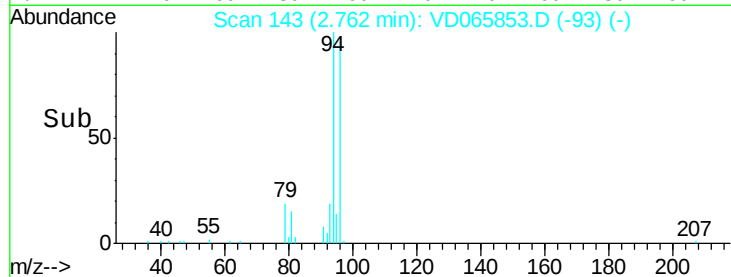
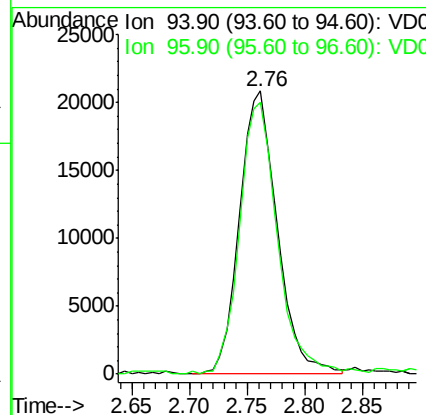
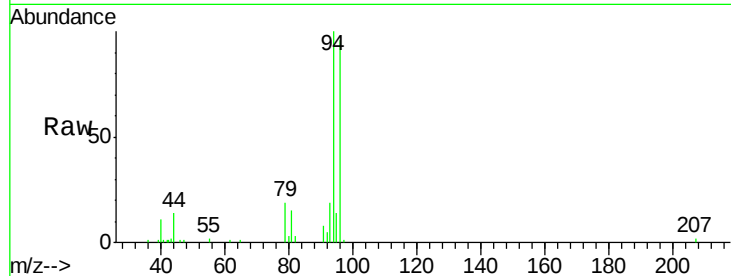
96 95.2 71.4 107.0

Manual Integrations

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#6

Chloroethane

Concen: 23.602 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065853.D

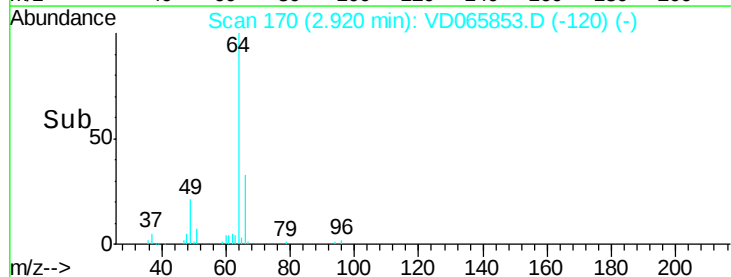
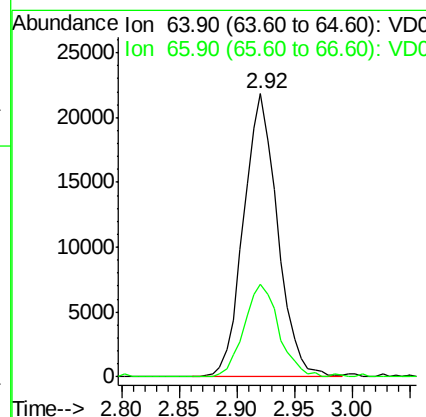
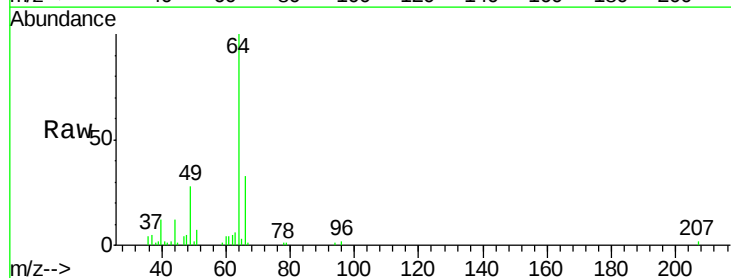
Acq: 23 Jun 2020 12:04

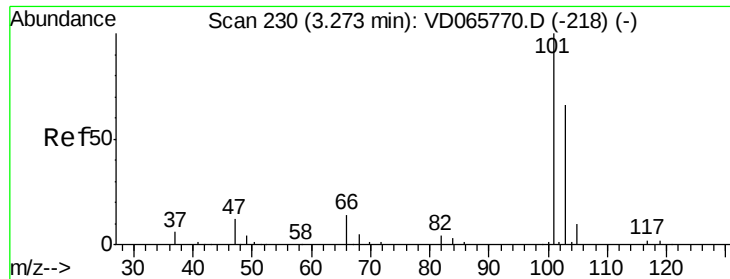
Tgt Ion: 64 Resp: 44715

Ion Ratio Lower Upper

64 100

66 32.7 24.5 36.7





#7

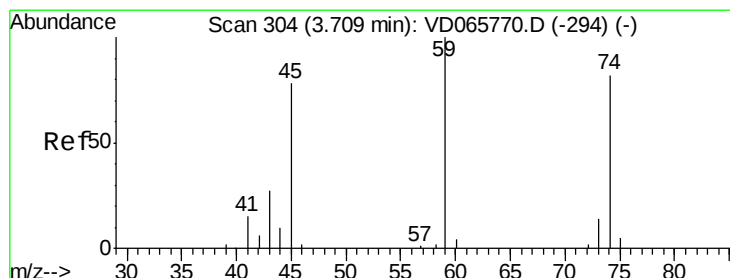
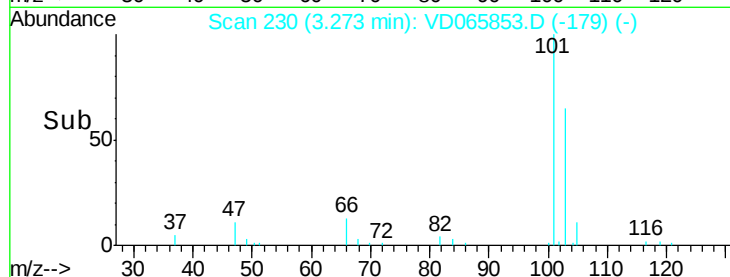
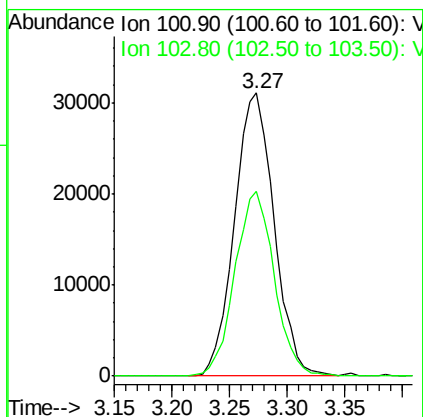
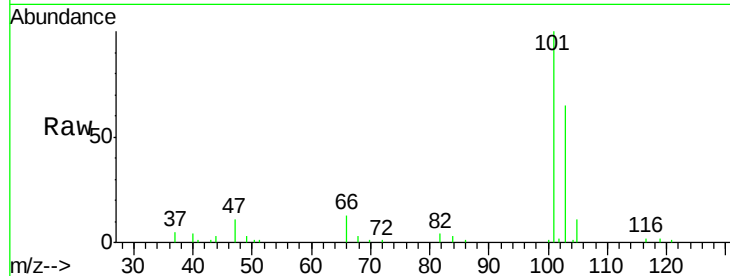
Trichlorofluoromethane
 Concen: 23.330 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

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 ClientSampleId :
 VD0623SBS01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	65.1	53.1	79.7	

Manual Integrations
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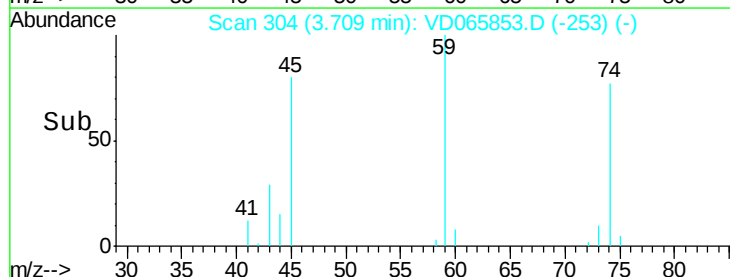
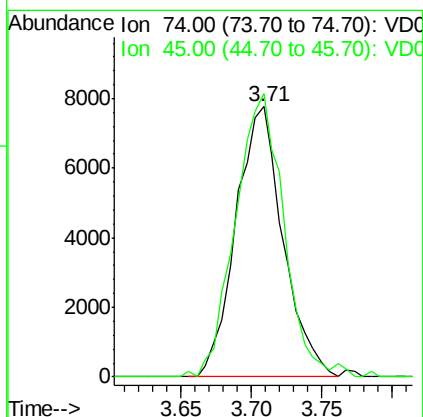
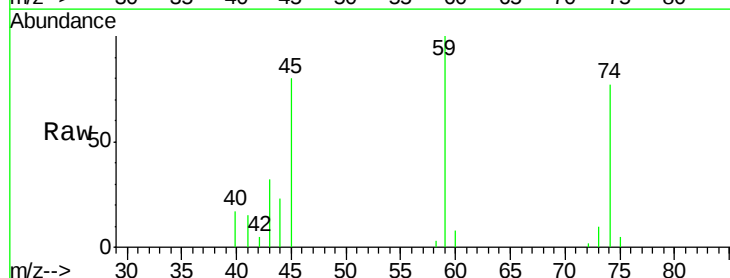
MMDadoda
 6/24/2020 10:52:33 AM

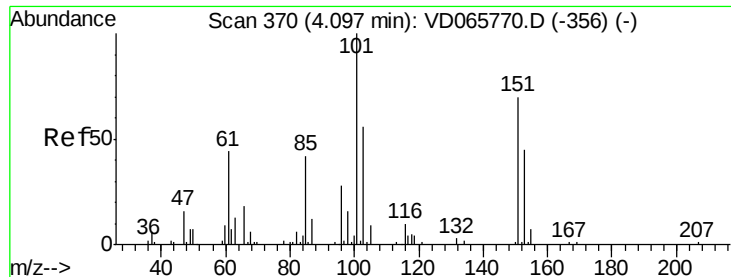


#8

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

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	107.4	47.9	143.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.960 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

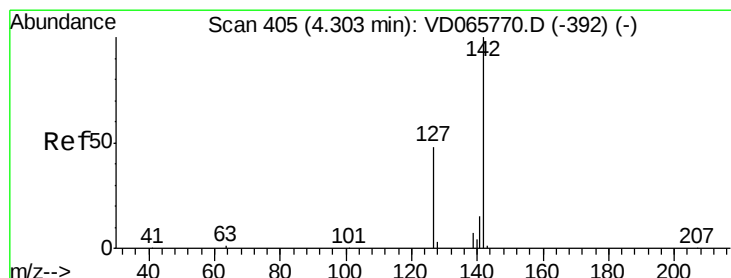
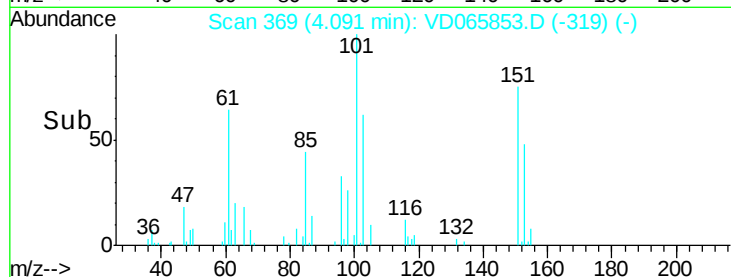
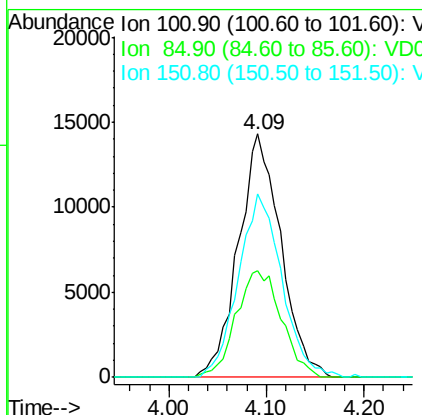
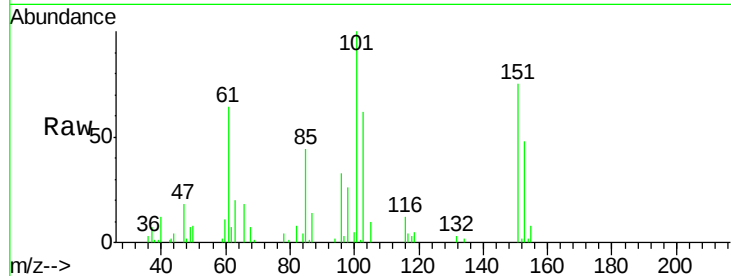
ClientSampleId :

VD0623SBS01

Tot Ion:	101	Resp:	43462
Ion Ratio	Lower	Upper	
101	100		
85	46.9	36.5	54.7
151	77.4	61.8	92.6

Manual Integrations
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6/24/2020 10:52:33 AM



#10

Methyl Iodide

Concen: 20.791 ug/l

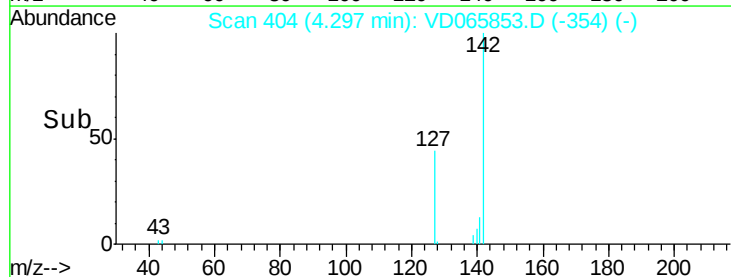
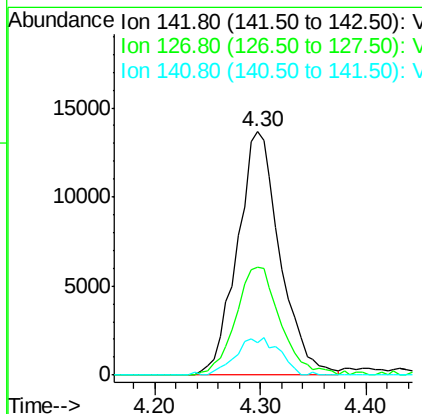
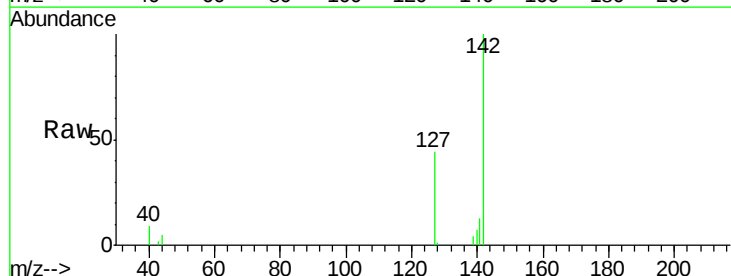
RT: 4.30 min Scan# 404

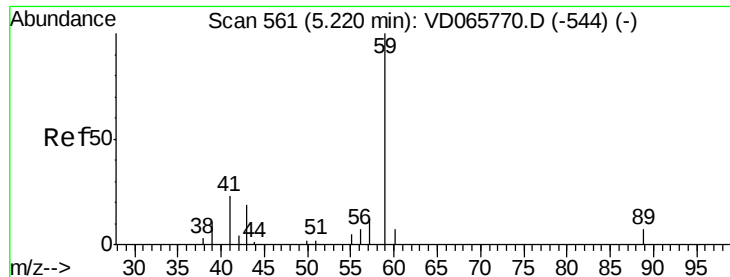
Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Tgt Ion:	142	Resp:	38324
Ion Ratio	Lower	Upper	
142	100		
127	46.2	37.6	56.4
141	15.4	12.1	18.1





#11

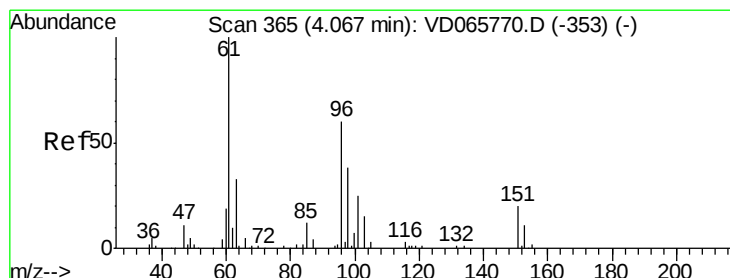
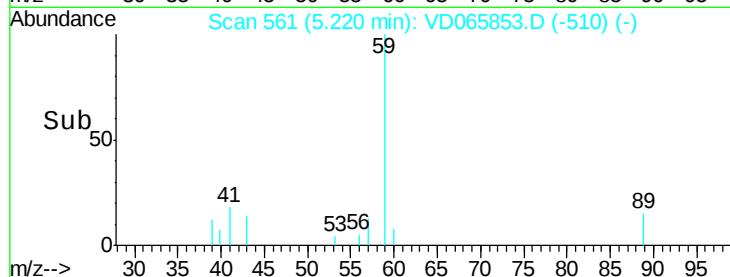
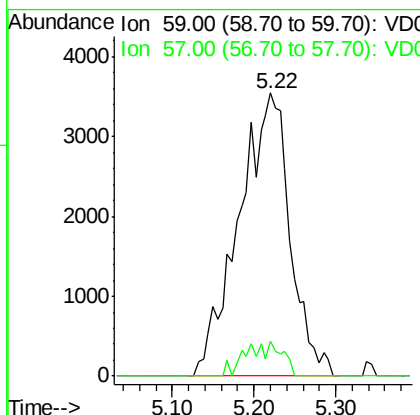
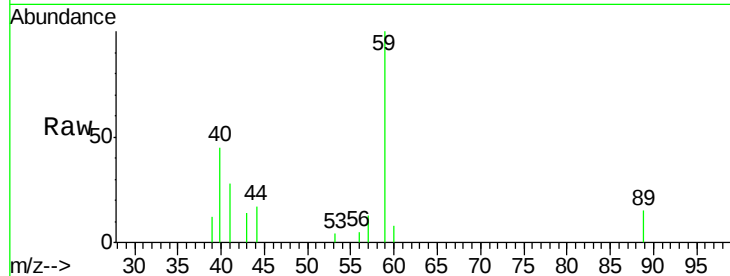
Tert butyl alcohol
Concen: 129.949 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.5	11.3#

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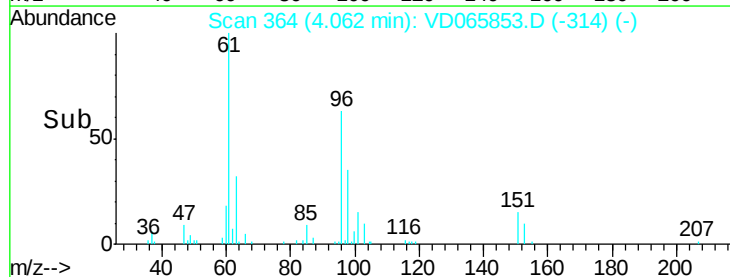
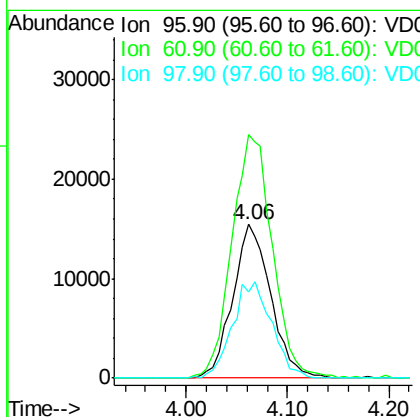
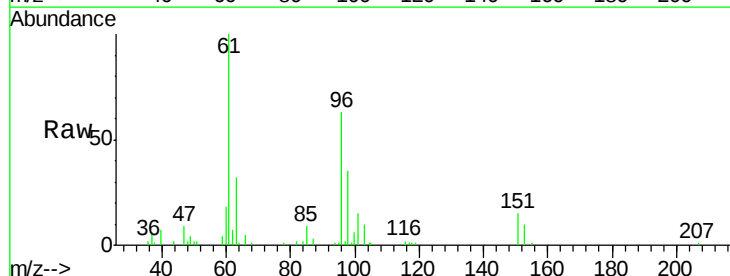
MMDadoda
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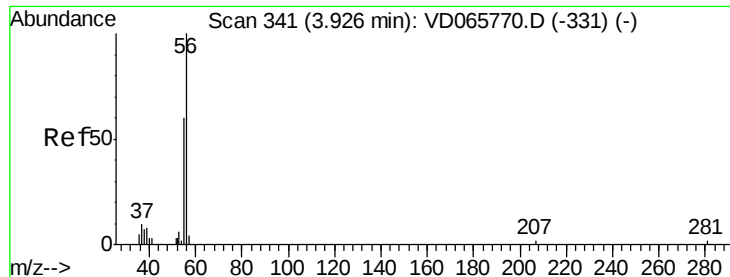


#12

1,1-Dichloroethene
Concen: 23.209 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	132.3	198.5
98	56.2	50.7	76.1





#13

Acrolein

Concen: 76.705 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 56 Resp: 8085

Ion Ratio Lower Upper

56 100

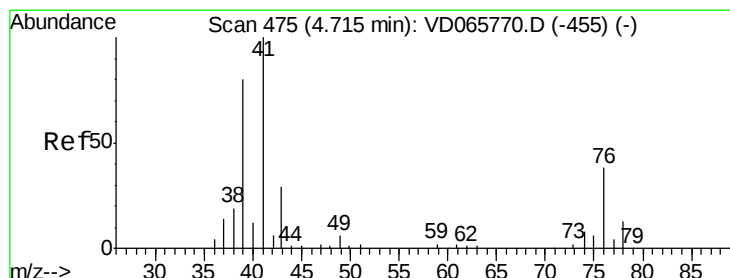
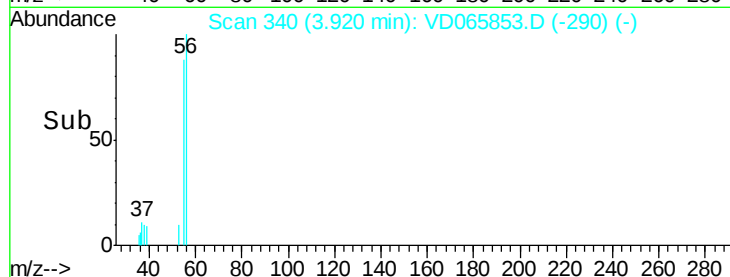
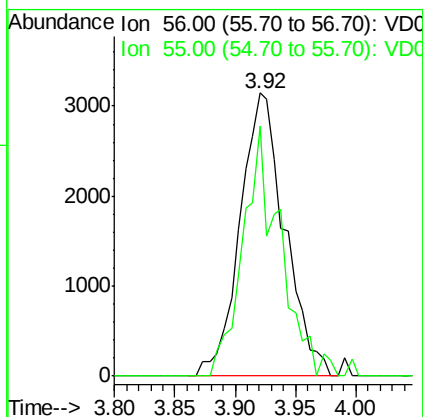
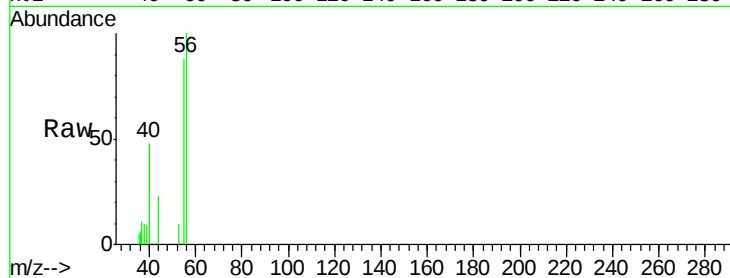
55 73.8 54.8 82.2

Manual Integrations

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#14

Allyl chloride

Concen: 22.611 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

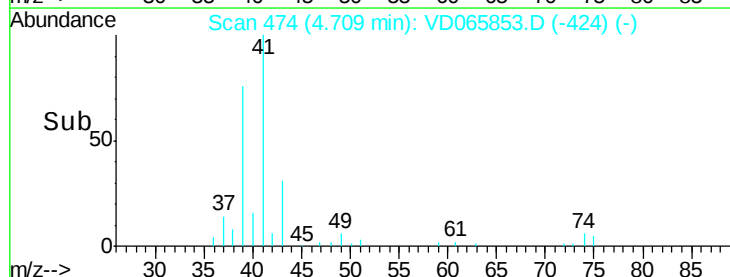
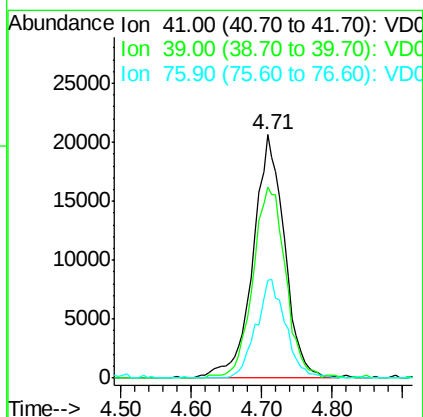
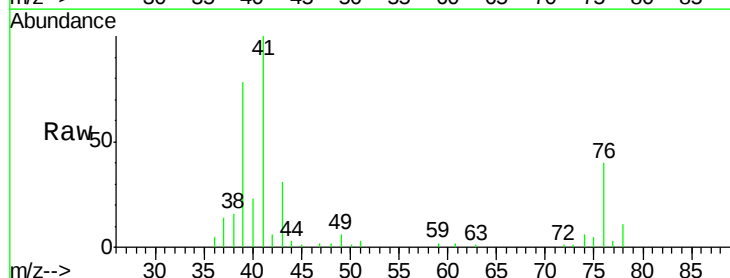
Tgt Ion: 41 Resp: 64476

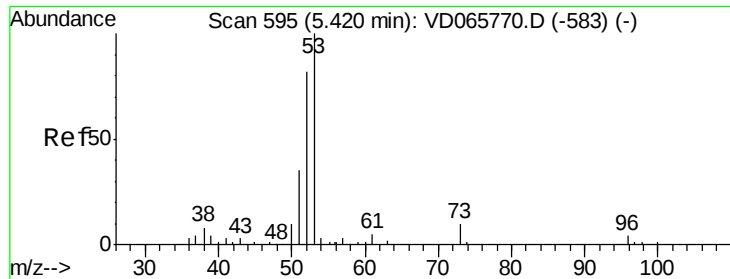
Ion Ratio Lower Upper

41 100

39 80.9 60.9 91.3

76 38.0 28.9 43.3





#15

Acrylonitrile

Concen: 115.222 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

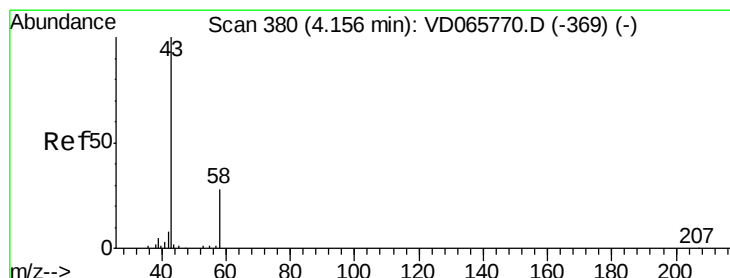
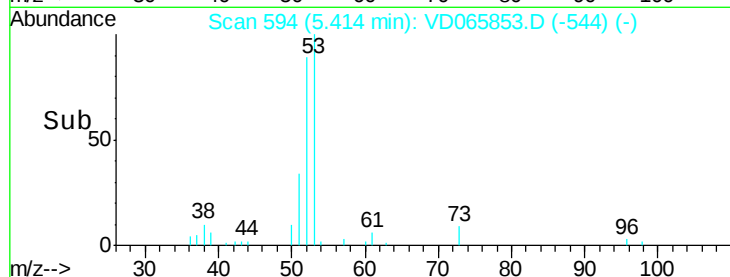
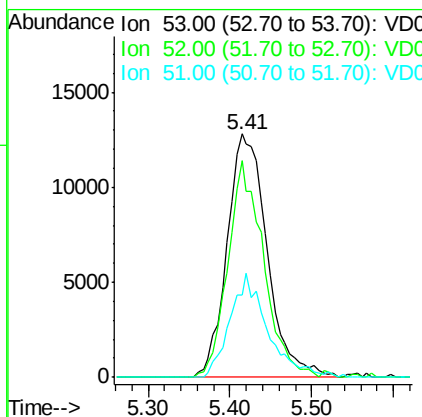
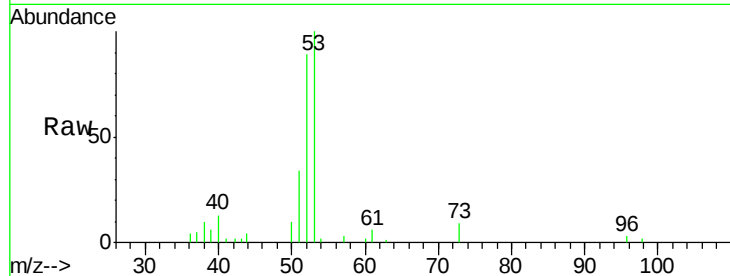
ClientSampleId :

VD0623SBS01

Tot Ion:	53	Resp:	43677
Ion	Ratio	Lower	Upper
53	100		
52	79.3	66.2	99.2
51	39.8	30.7	46.1

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#16

Acetone

Concen: 129.286 ug/l

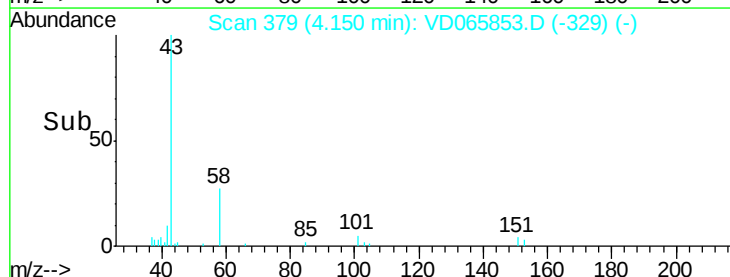
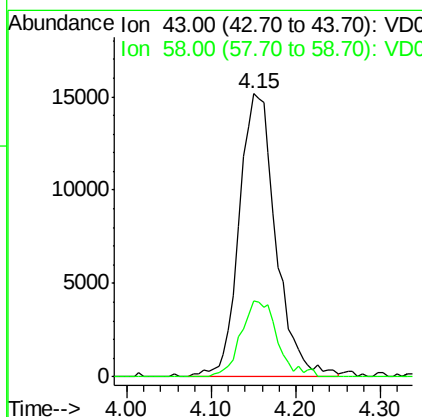
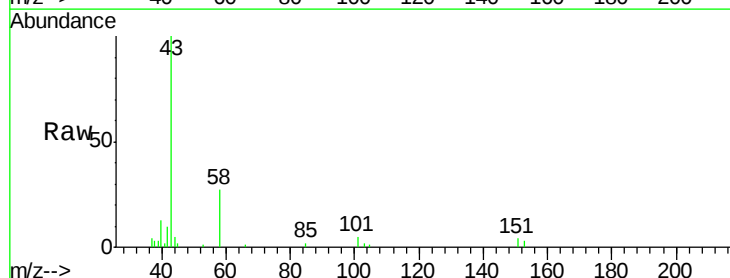
RT: 4.15 min Scan# 379

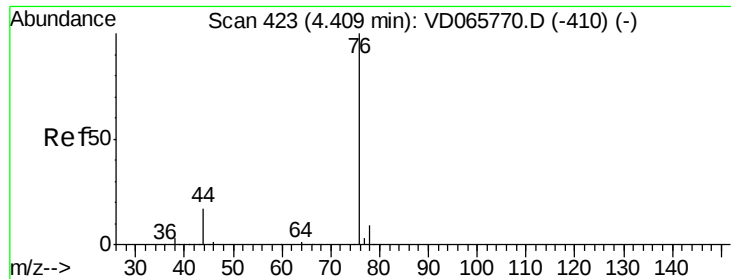
Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Tgt Ion:	43	Resp:	45765
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.3	33.5





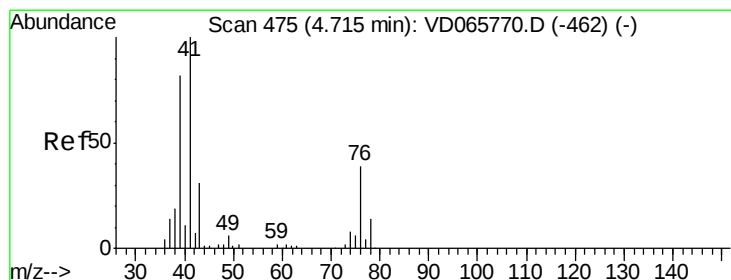
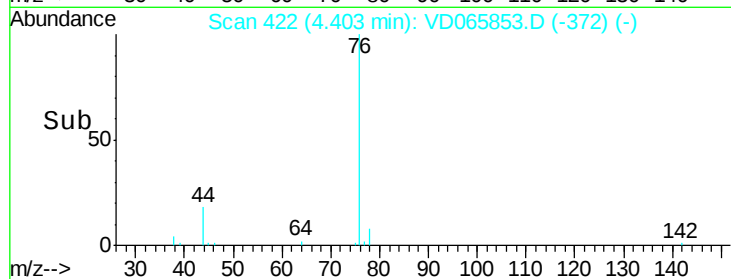
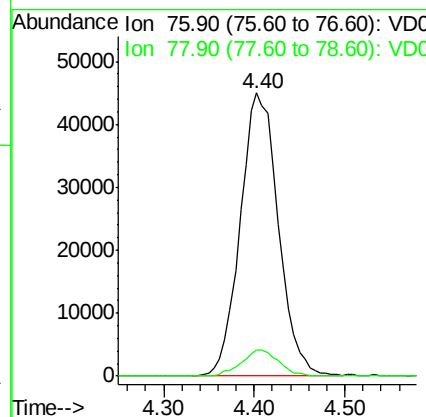
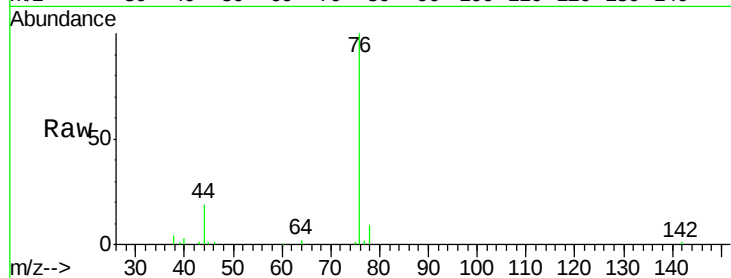
#17
Carbon Disulfide
Concen: 22.668 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

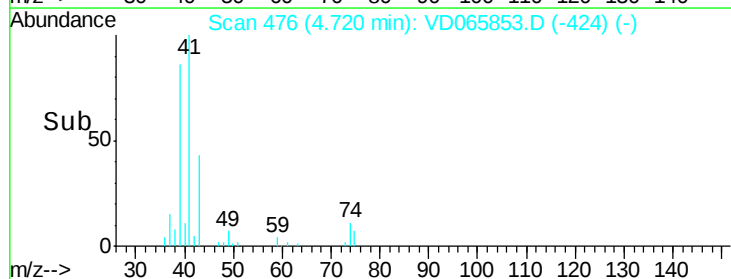
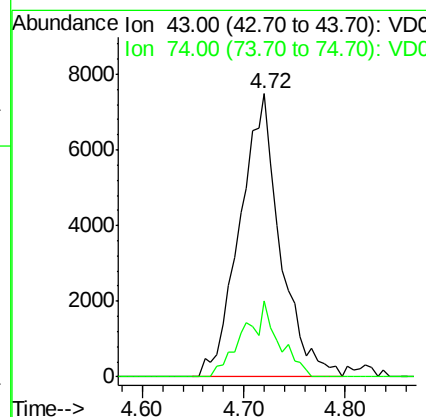
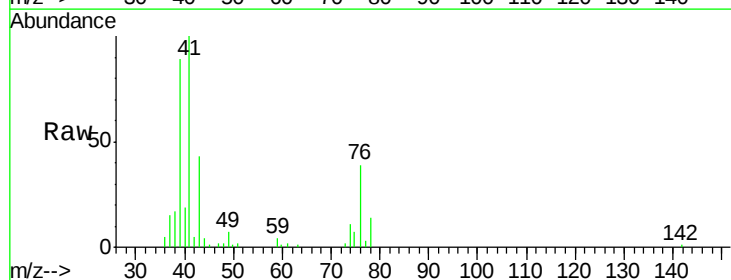
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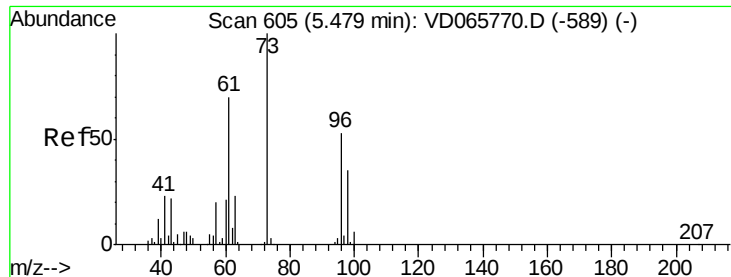
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#18
Methyl Acetate
Concen: 24.048 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.7	28.1





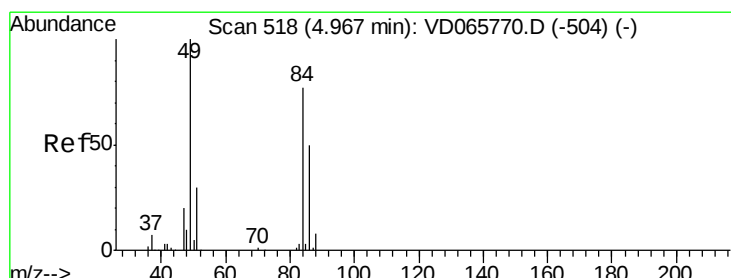
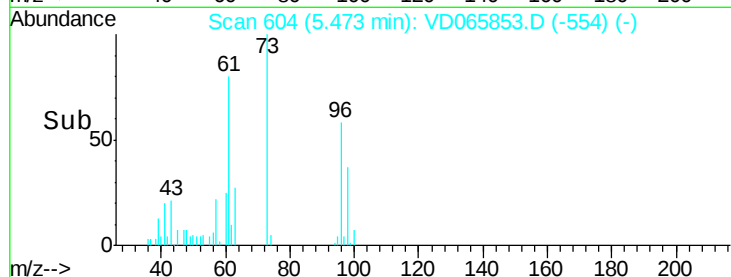
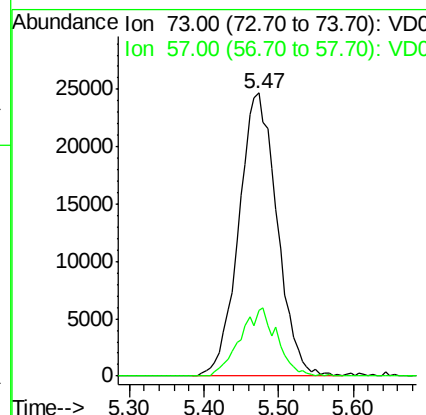
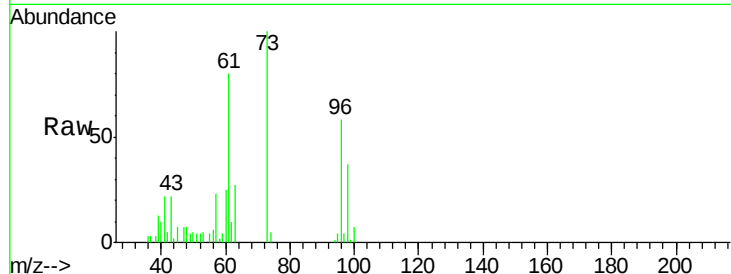
#19
Methvl tert-butvl Ether
Concen: 22.508 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

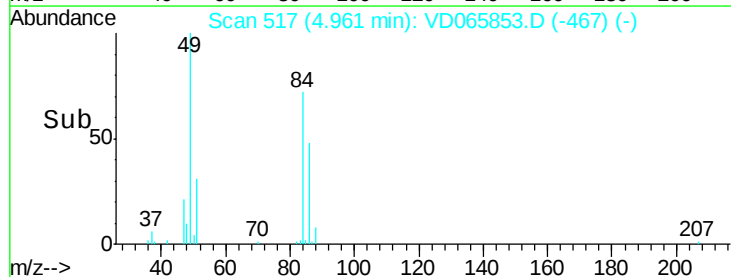
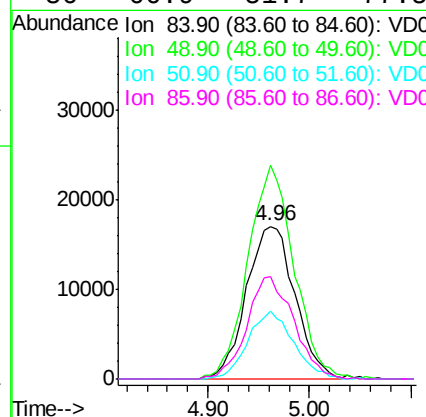
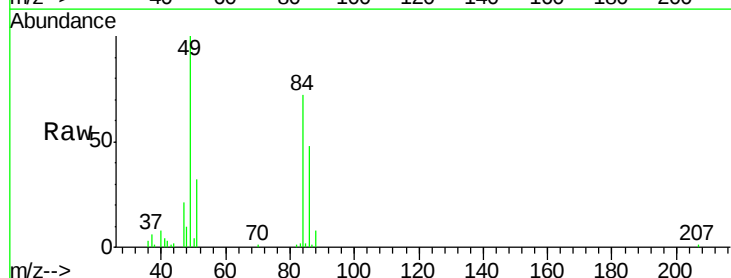
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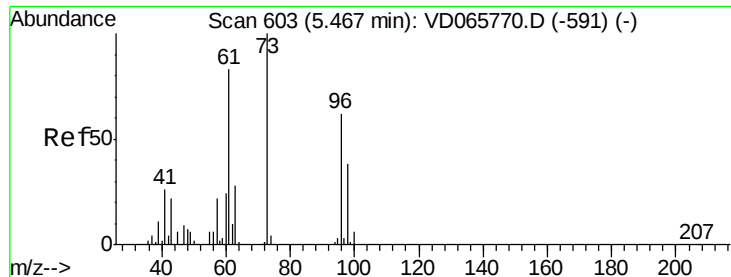
MMDadoda
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#20
Methylene Chloride
Concen: 28.178 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

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





#21

trans-1,2-Dichloroethene

Concen: 22.865 ug/l

RT: 5.46 min Scan# 601

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

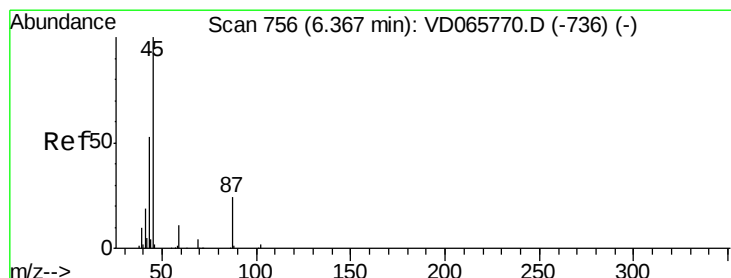
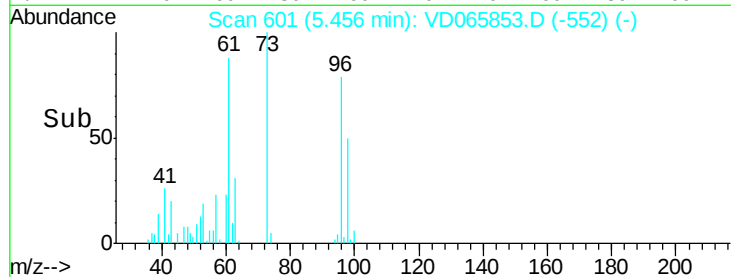
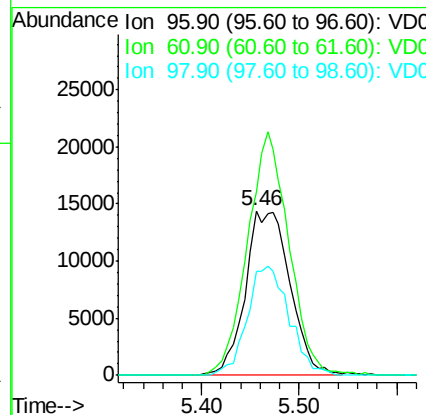
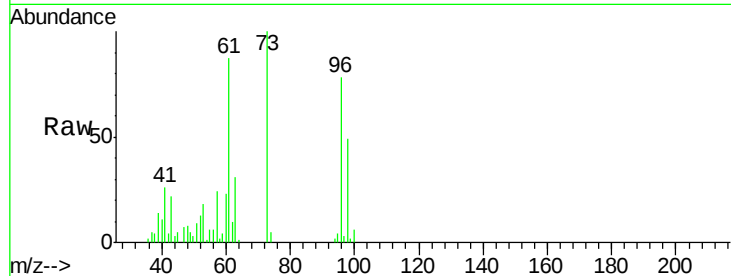
ClientSampleId :

VD0623SBS01

Tot Ion:	96	Resp:	46198
Ion	Ratio	Lower	Upper
96	100		
61	111.8	107.7	161.5
98	63.2	49.3	73.9

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#22

Diisopropyl ether

Concen: 22.731 ug/l

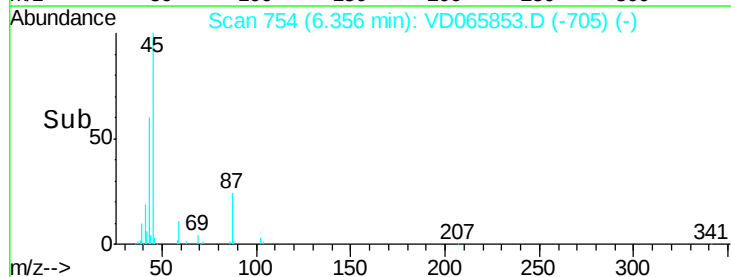
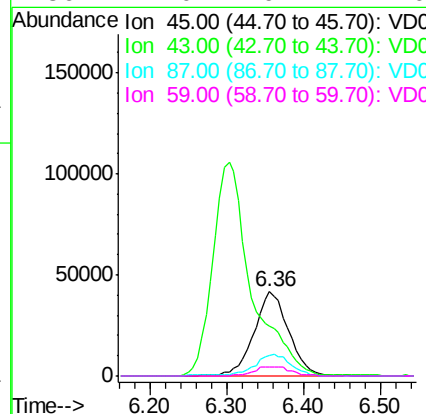
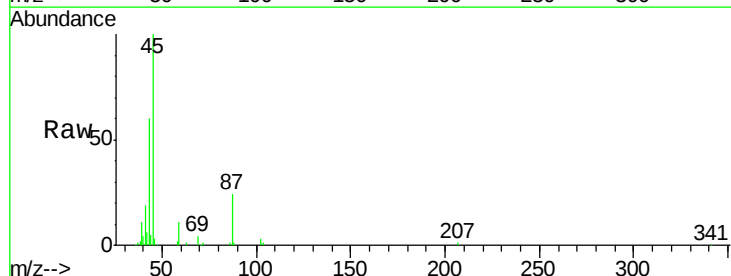
RT: 6.36 min Scan# 754

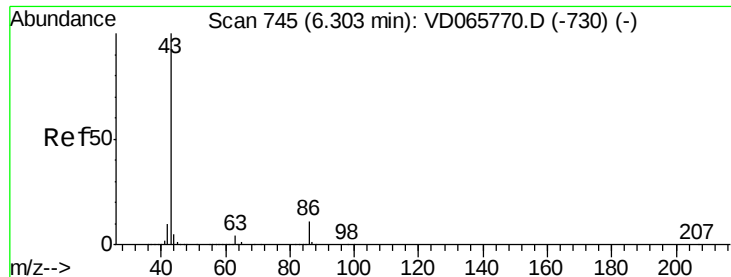
Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Tgt Ion:	45	Resp:	130963
Ion	Ratio	Lower	Upper
45	100		
43	57.9	43.4	65.0
87	24.5	20.2	30.4
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 112.828 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 43 Resp: 367081

Ion Ratio Lower Upper

43 100

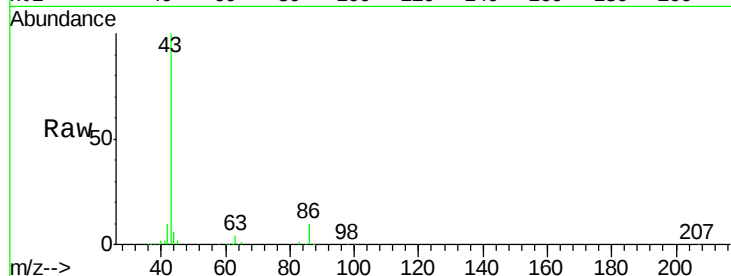
86 9.9 8.5 12.7

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

120000

100000

80000

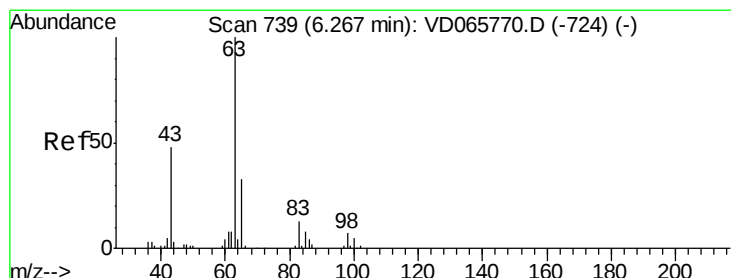
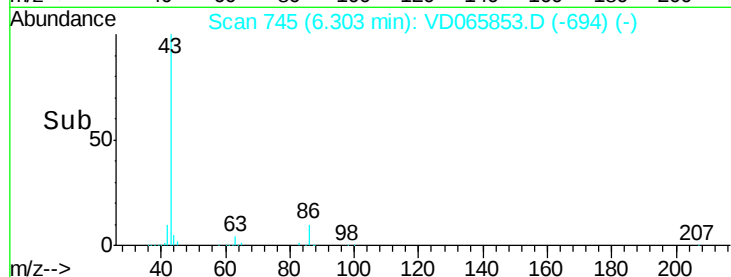
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.775 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

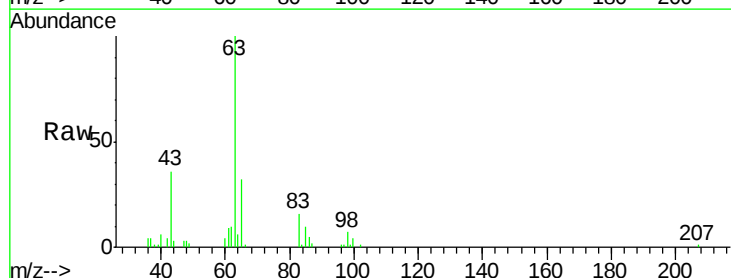
Tgt Ion: 63 Resp: 79952

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 3.8 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

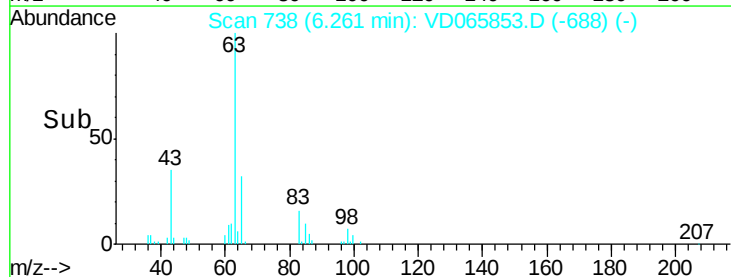
30000

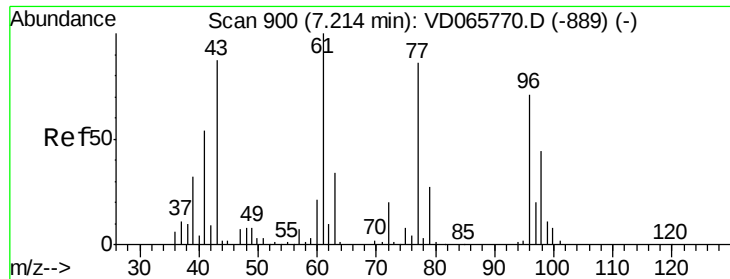
20000

10000

0

Time-->





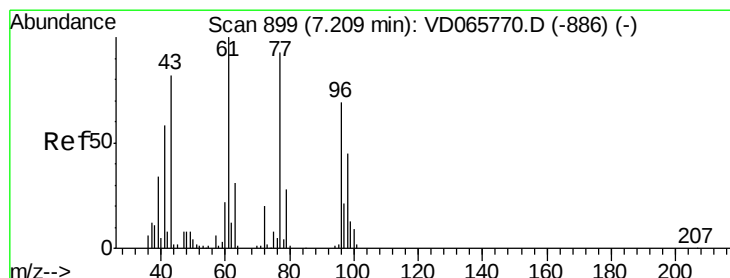
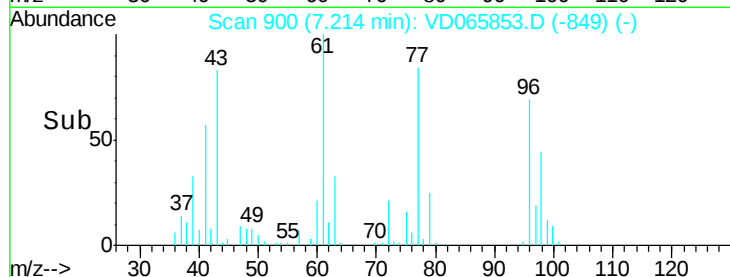
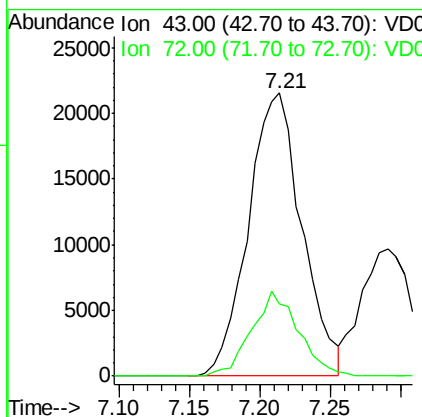
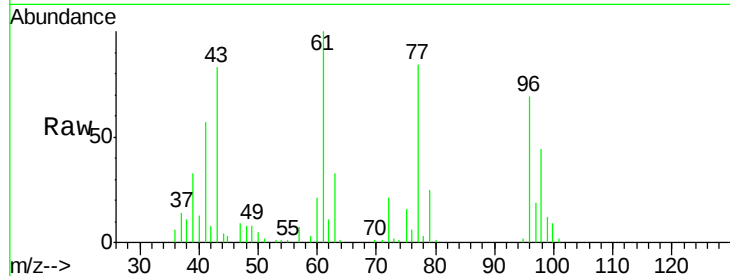
#25
2-Butanone
Concen: 117.350 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

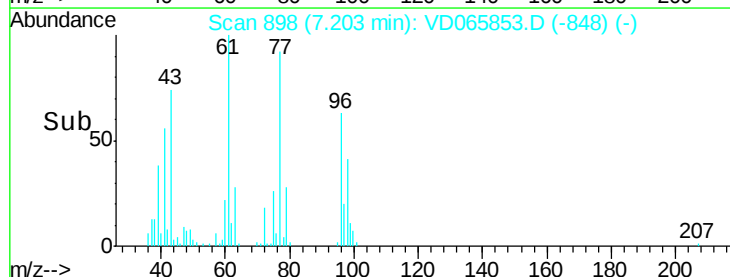
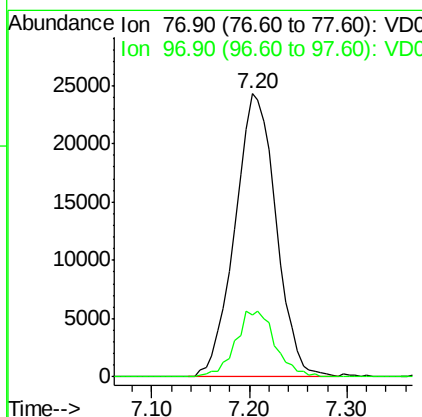
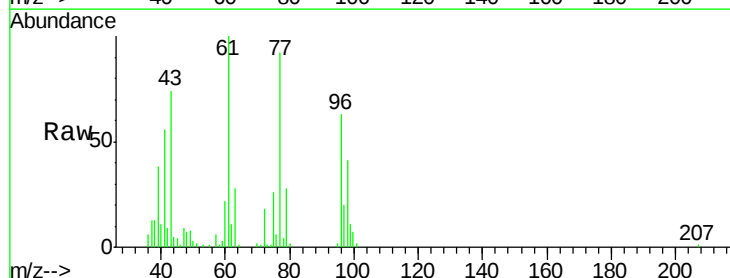
Manual Integrations
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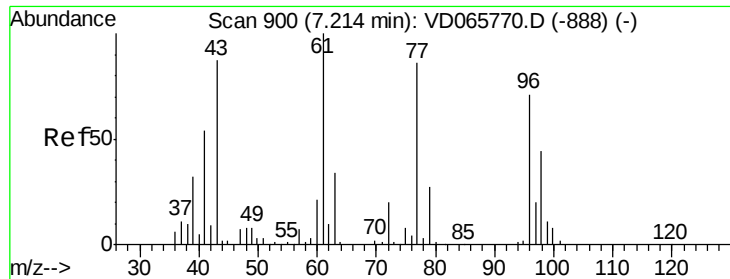
MMDadoda
6/24/2020 10:52:33 AM



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

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





#27

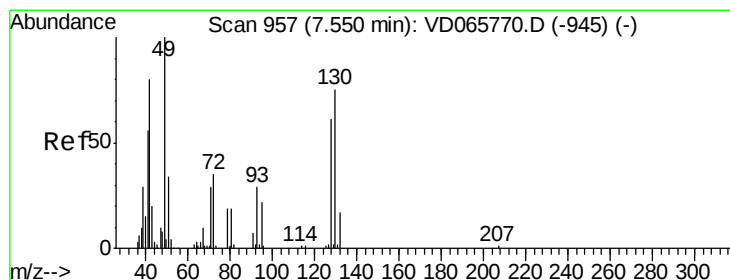
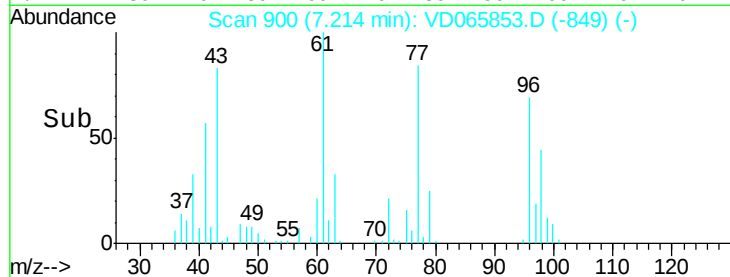
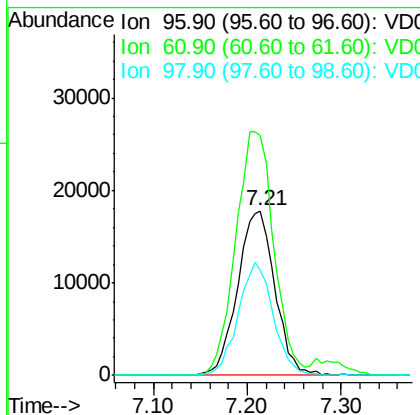
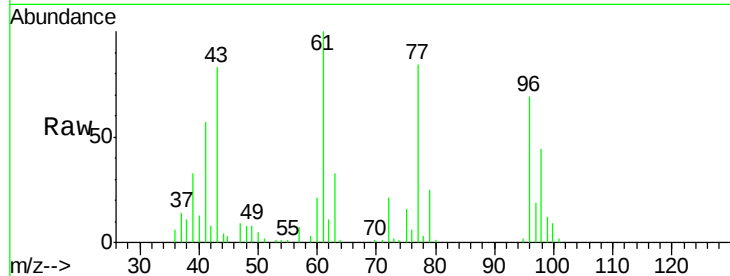
cis-1,2-Dichloroethene
Concen: 22.455 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

Manual Integrations
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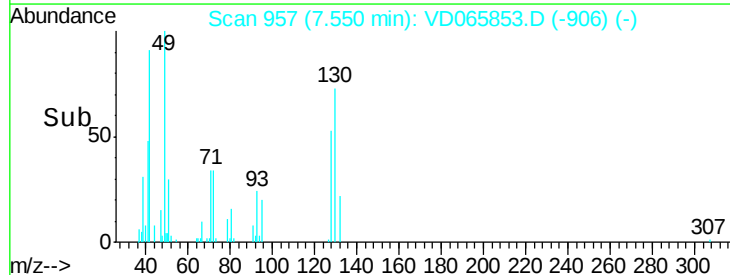
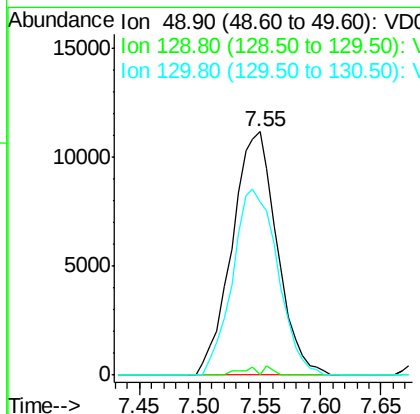
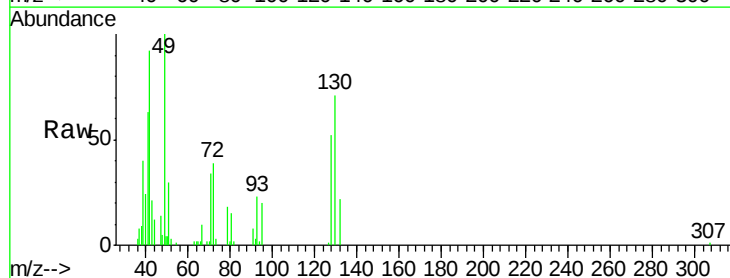
MMDadoda
6/24/2020 10:52:33 AM

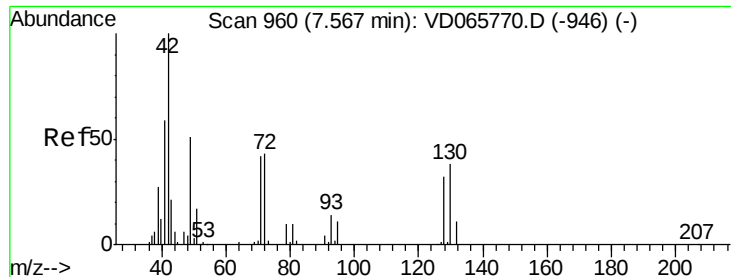


#28

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

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





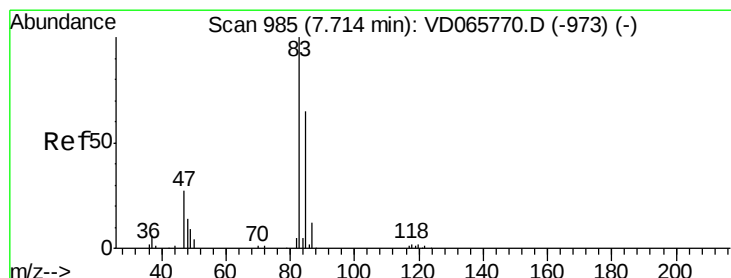
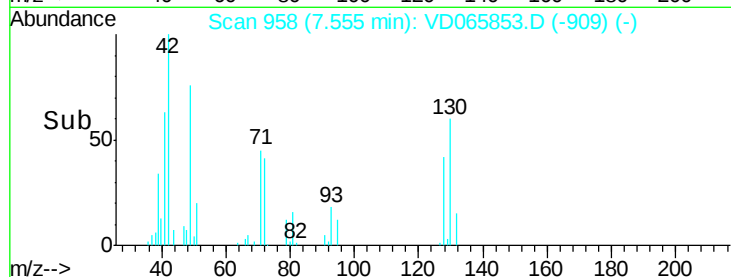
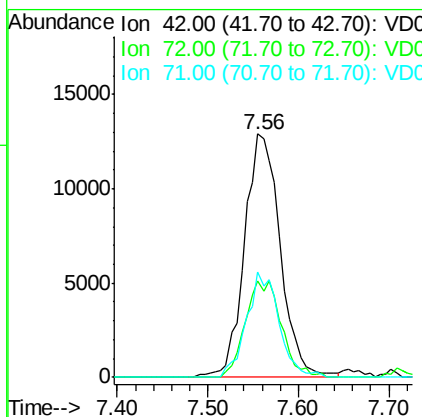
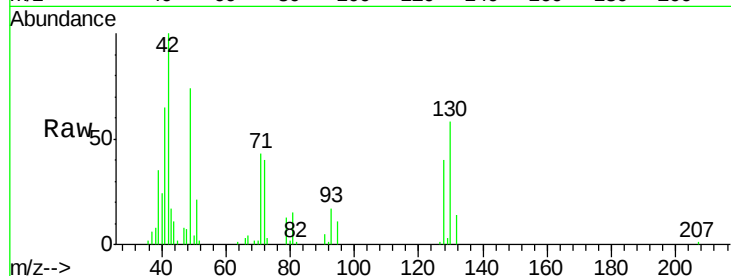
#29
Tetrahydrofuran
Concen: 114.776 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

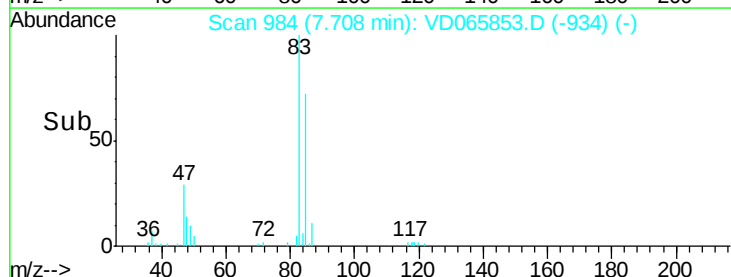
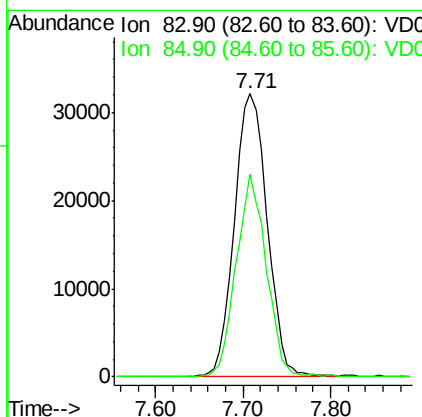
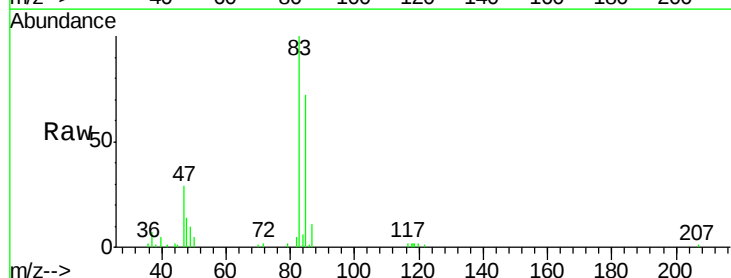
Manual Integrations
APPROVED

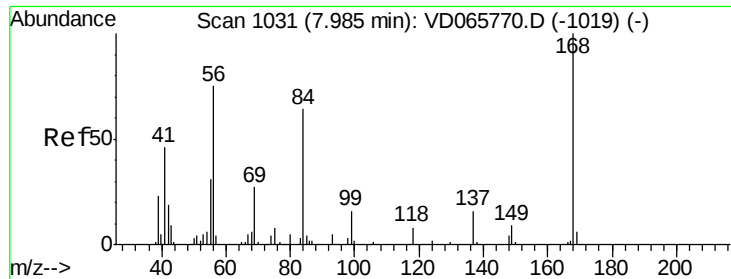
MMDadoda
6/24/2020 10:52:33 AM



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

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.6	51.9	77.9





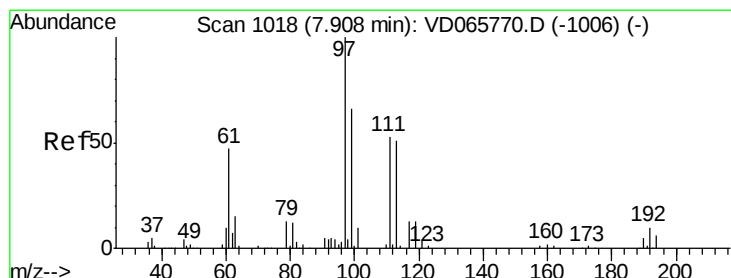
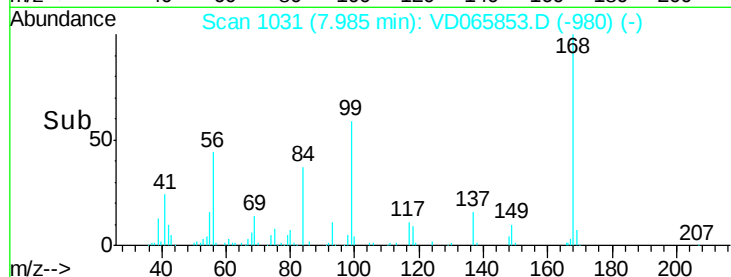
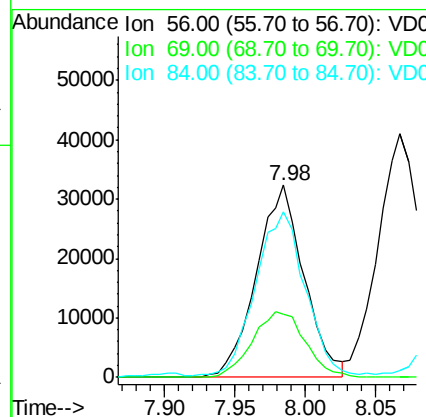
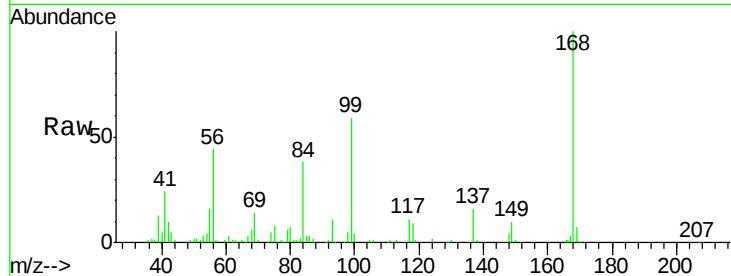
#31
Cyclohexane
Concen: 22.662 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	28.5	42.7
84	85.2	68.4	102.6

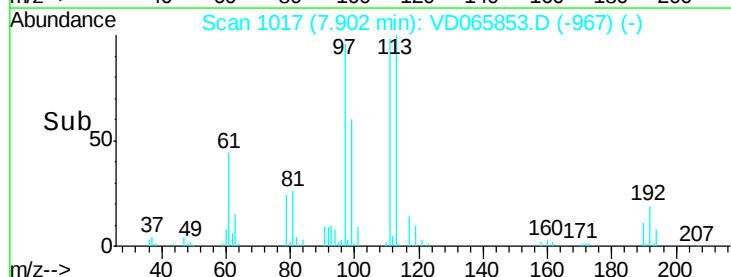
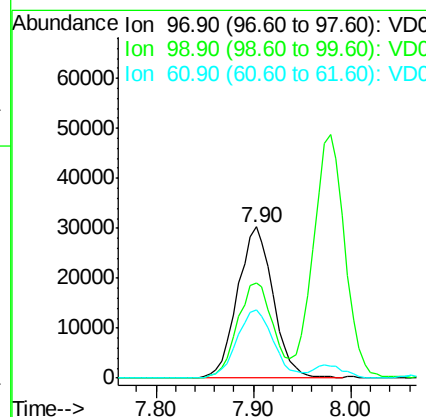
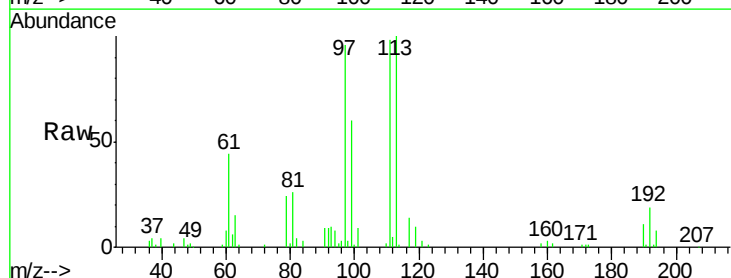
Manual Integrations
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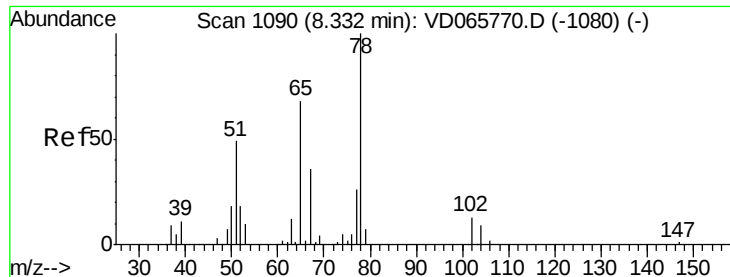
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 22.902 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	49.2	73.8
61	46.9	36.0	54.0





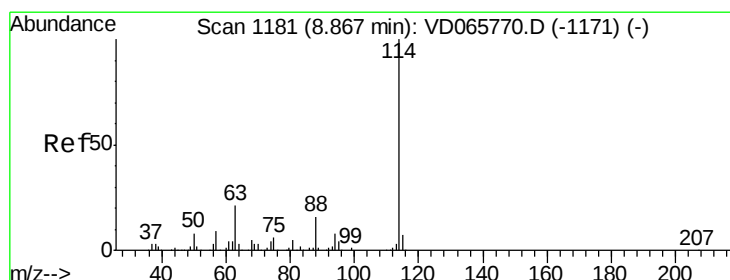
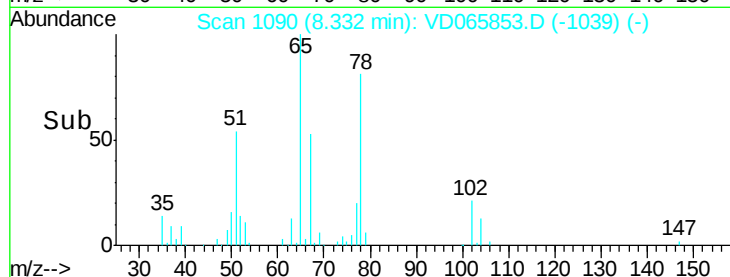
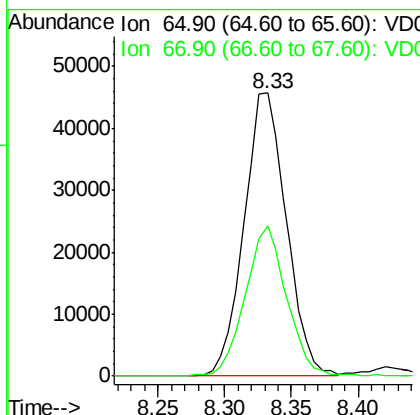
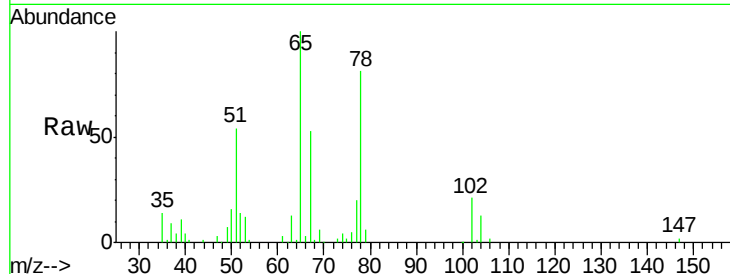
#33
 1,2-Dichloroethane-d4
 Concen: 53.432 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	100270		
67	51.8	0.0	103.6	

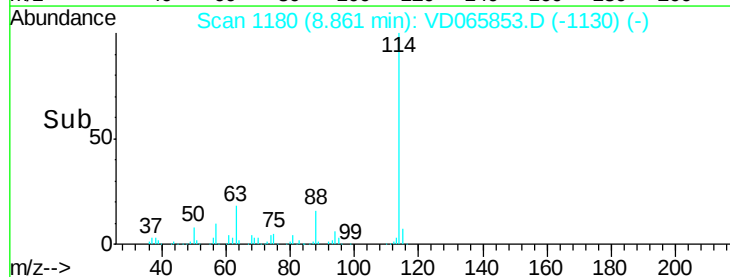
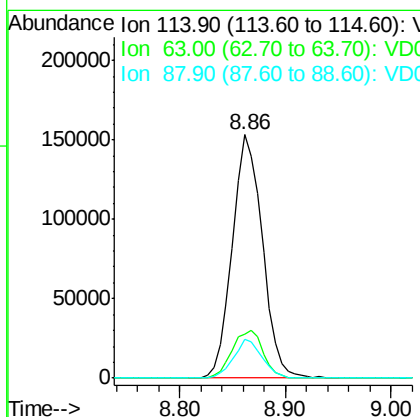
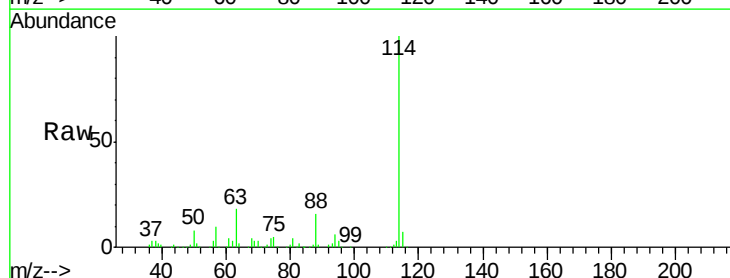
Manual Integrations
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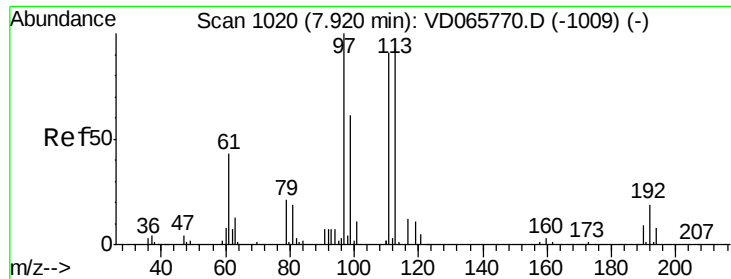
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	302577		
63	18.3	0.0	41.8	
88	15.9	0.0	32.0	





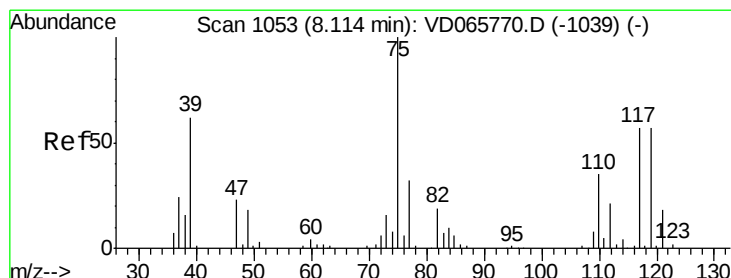
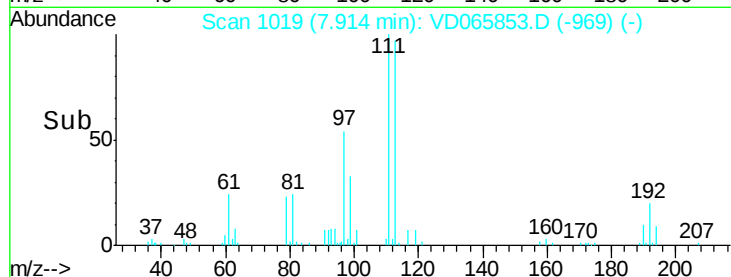
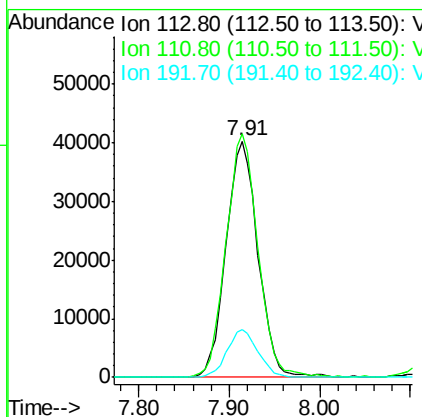
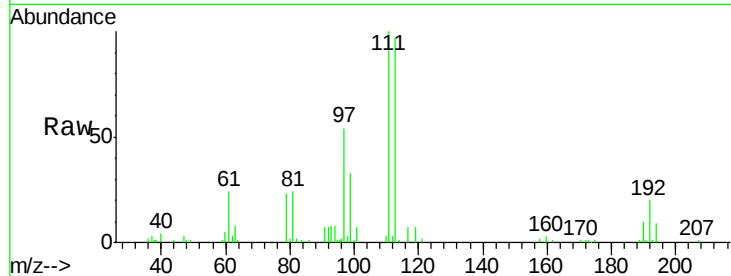
#35
 Dibromofluoromethane
 Concen: 51.558 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	19.4	15.7	23.5

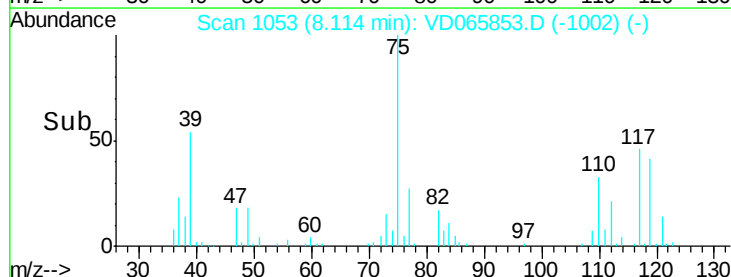
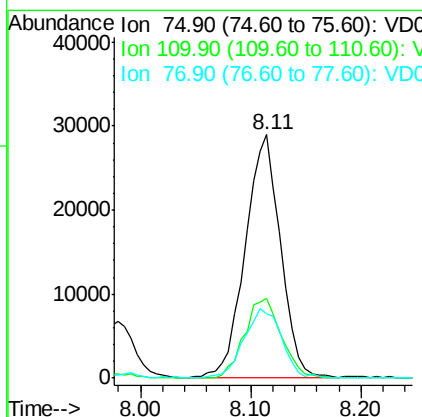
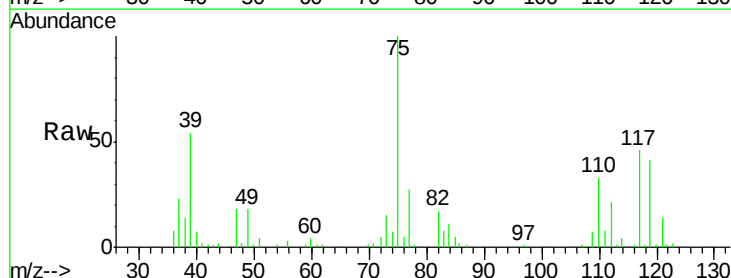
Manual Integrations
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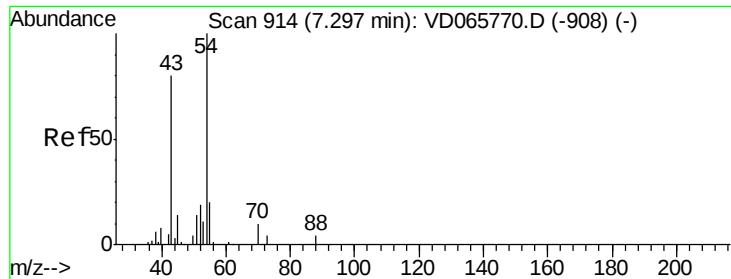
MMDadoda
 6/24/2020 10:52:33 AM



#36
 1,1-Dichloropropene
 Concen: 22.496 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.6	52.8
77	30.5	25.1	37.7





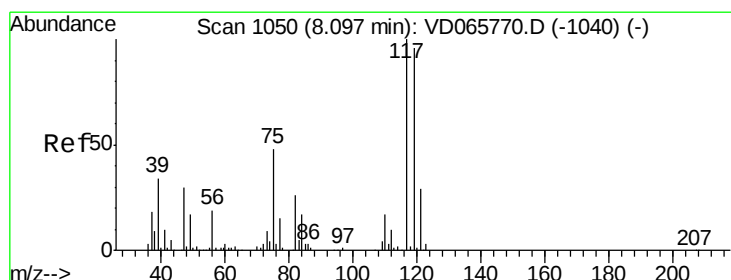
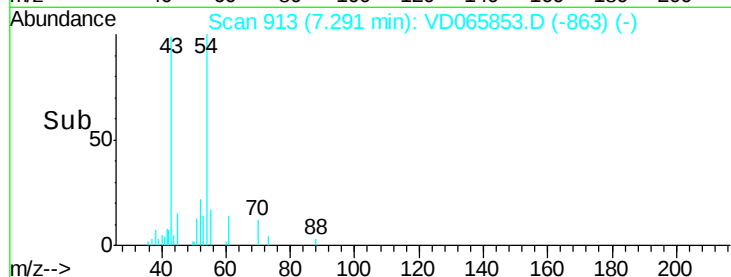
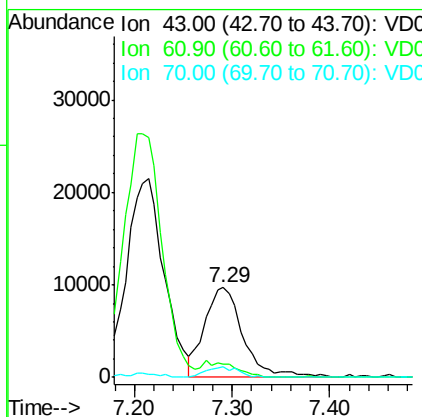
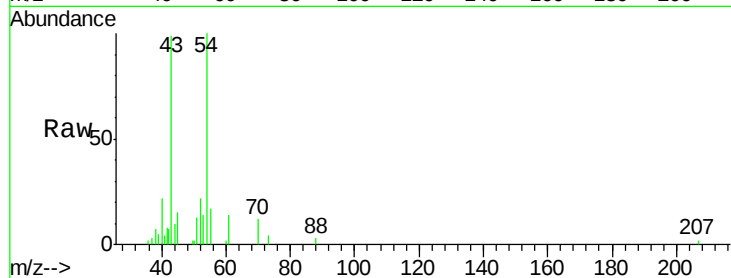
#37
Ethyl Acetate
Concen: 23.324 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

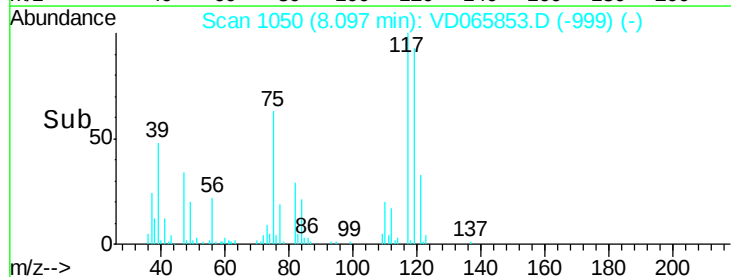
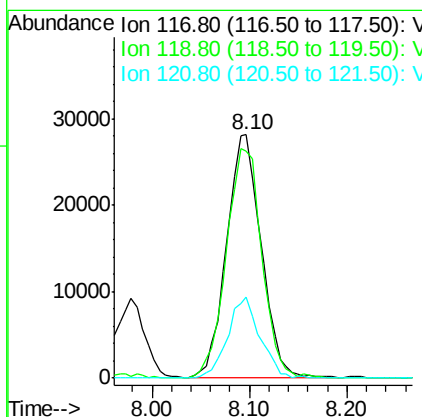
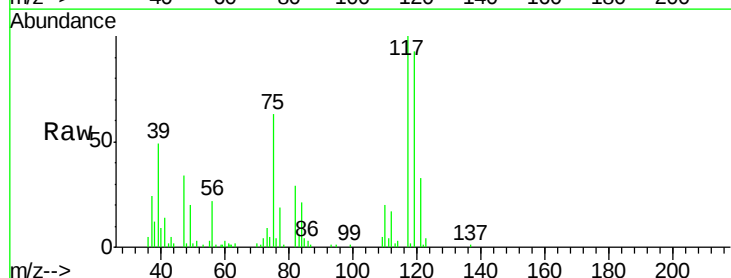
Manual Integrations
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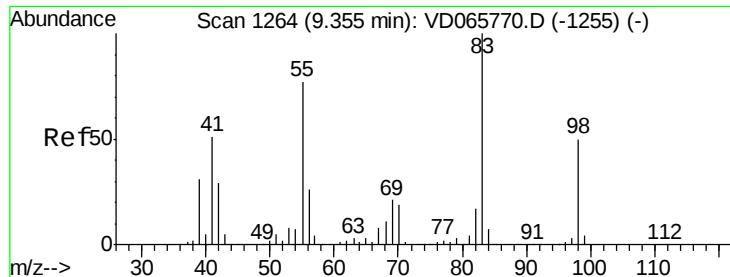
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#38
Carbon Tetrachloride
Concen: 22.813 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

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





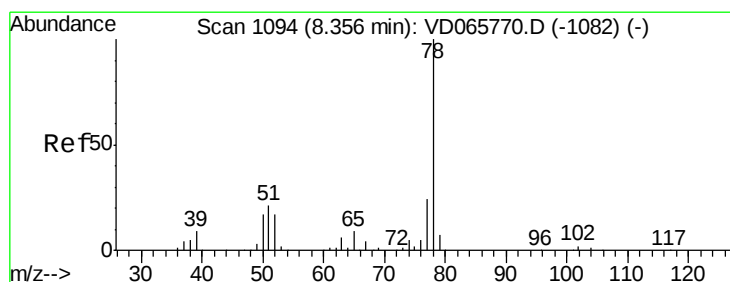
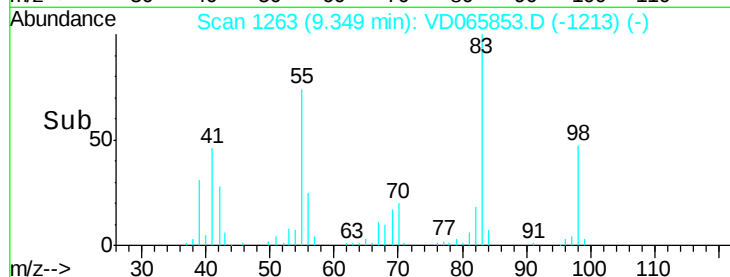
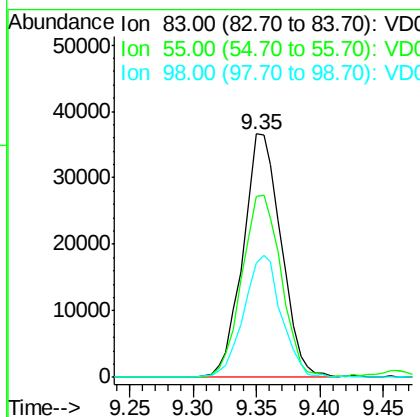
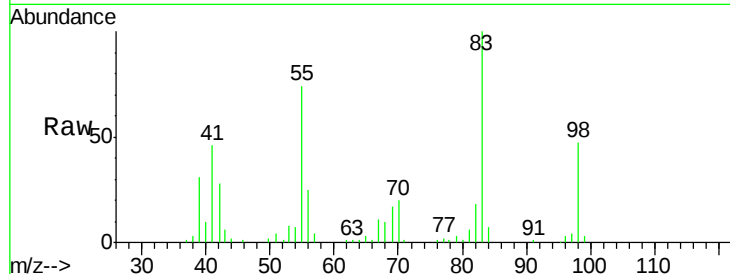
#39
Methvlcvclohexane
Concen: 22.326 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

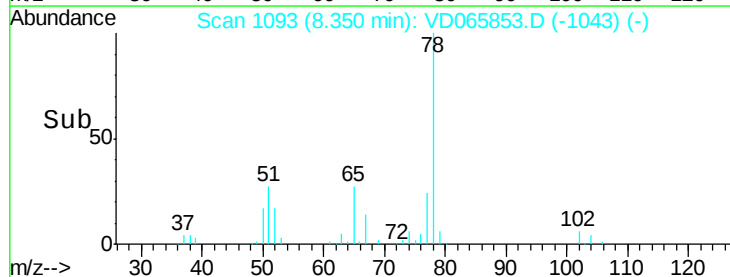
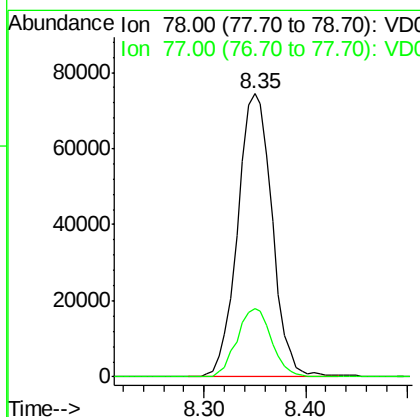
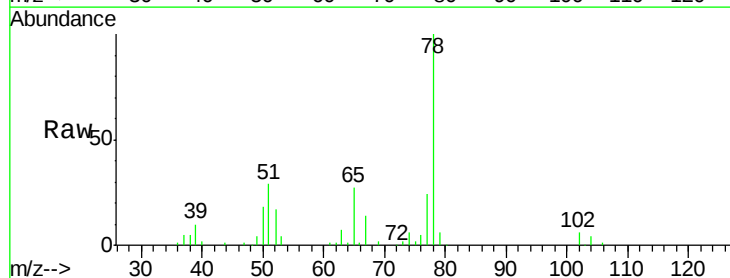
Manual Integrations
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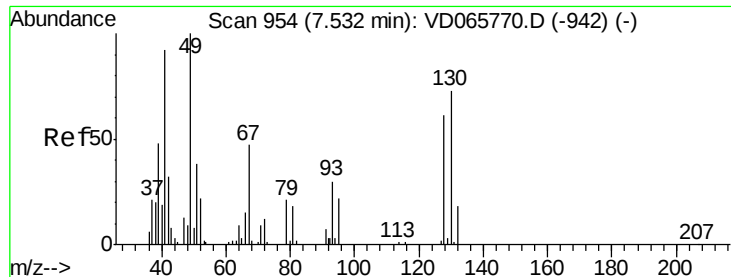
MMDadoda
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#40
Benzene
Concen: 22.120 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





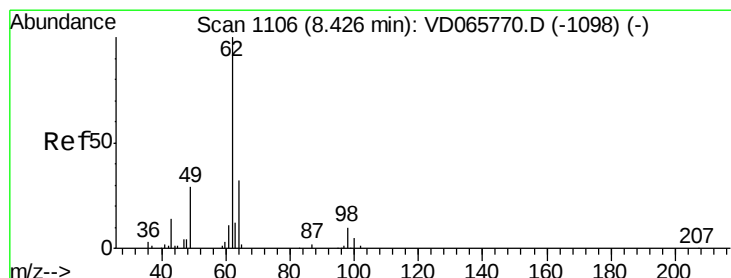
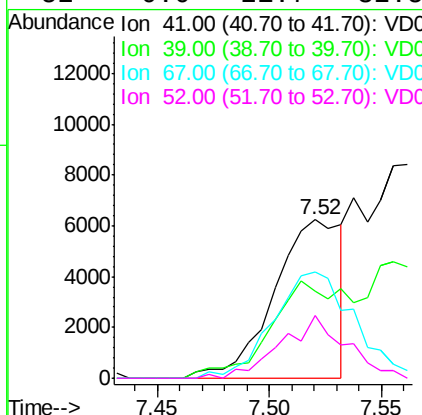
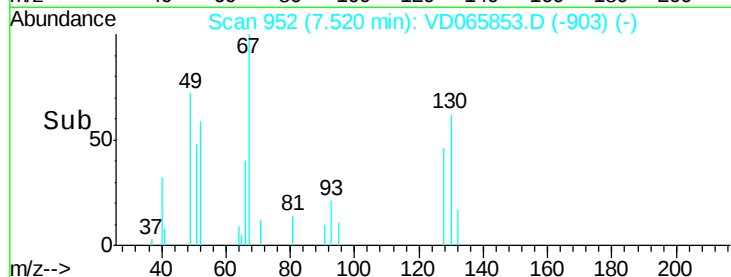
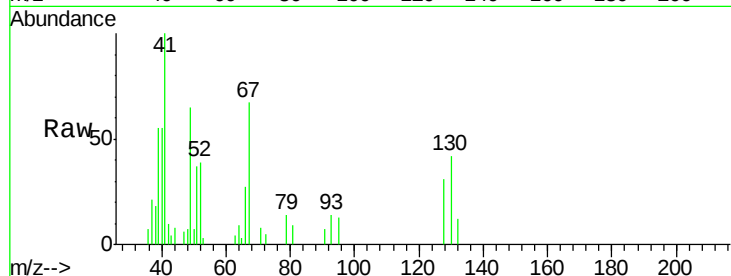
#41
Methacrylonitrile
Concen: 19.362 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	83.7	38.3	57.5#
67	0.0	49.8	74.6#
52	0.0	21.7	32.5#

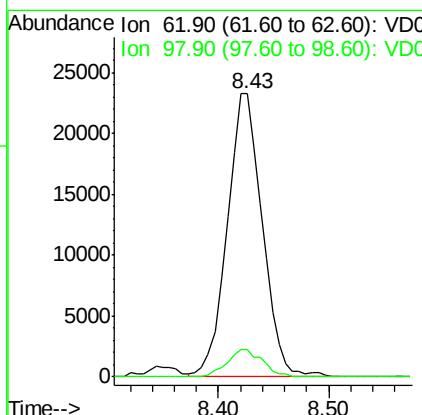
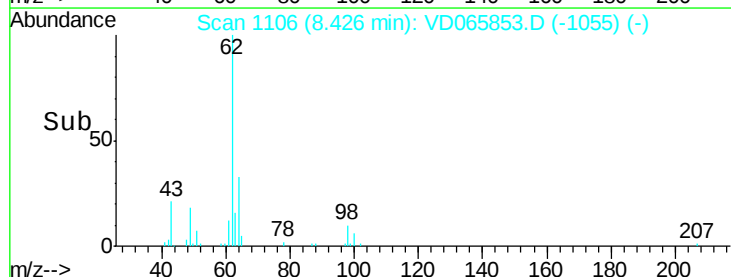
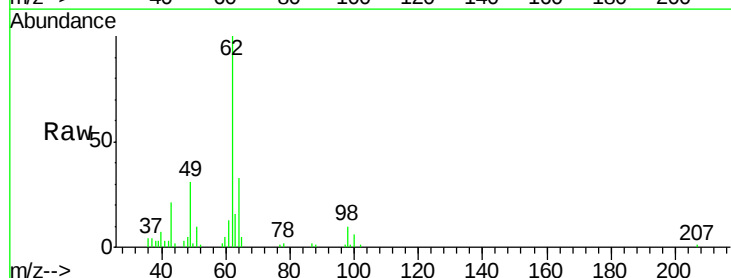
Manual Integrations
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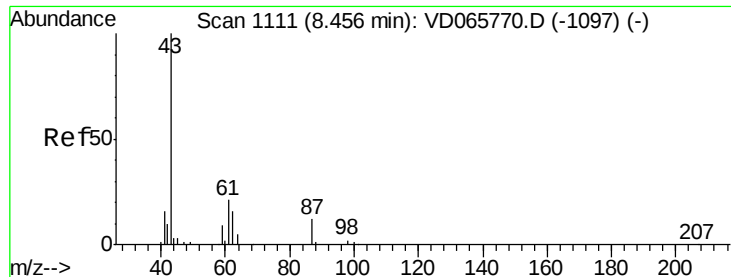
MMDadoda
6/24/2020 10:52:33 AM



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

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 22.112 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

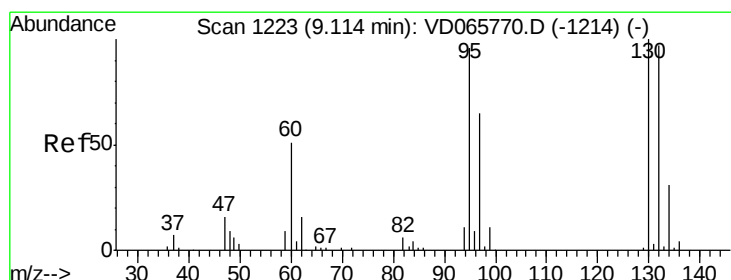
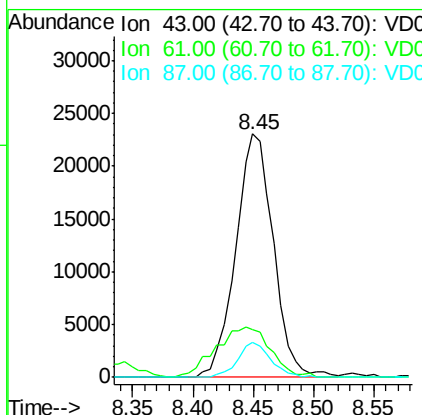
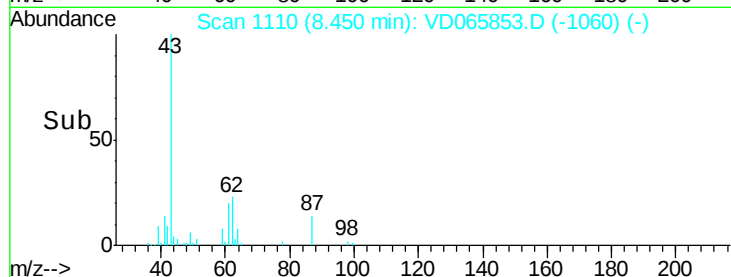
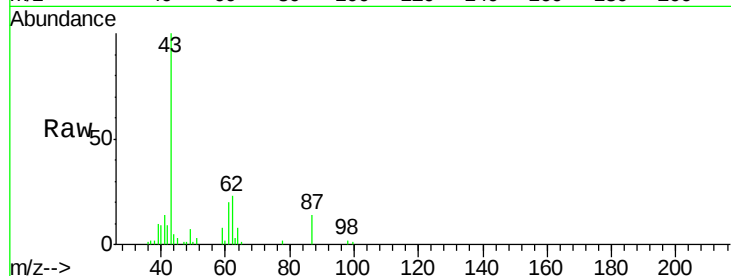
ClientSampleId :

VD0623SBS01

Tot Ion:	43	Resp:	50199
Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.2	36.4
87	12.5	9.5	14.3

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#44

Trichloroethene

Concen: 22.481 ug/l

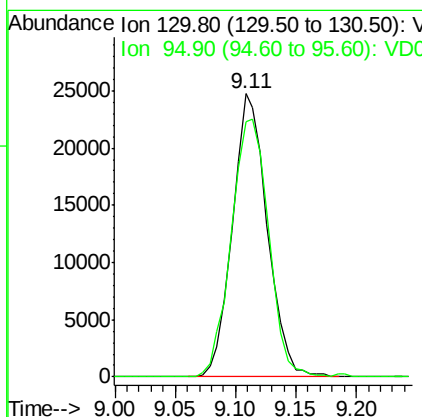
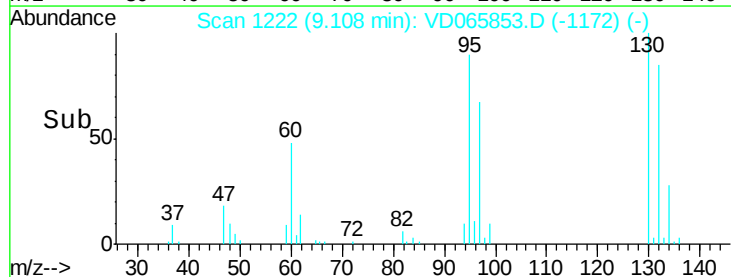
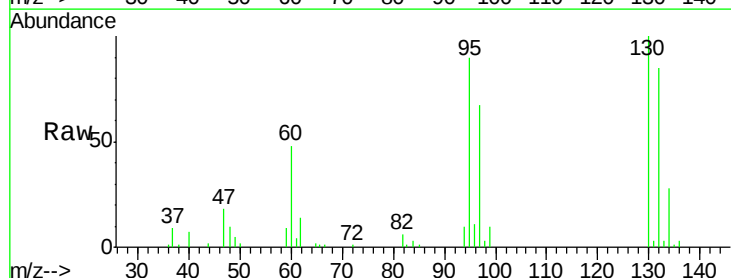
RT: 9.11 min Scan# 1222

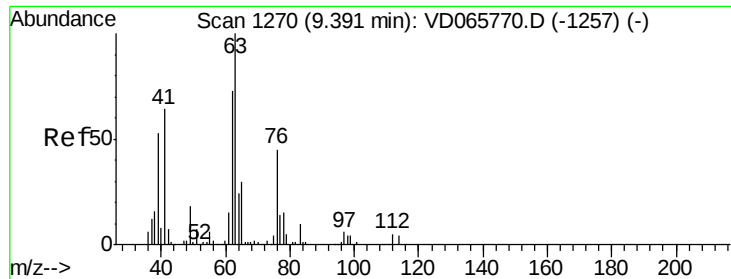
Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Tgt Ion:	130	Resp:	49573
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	192.8





#45

1,2-Dichloropropane

Concen: 22.147 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 63 Resp: 44094

Ion Ratio Lower Upper

63 100

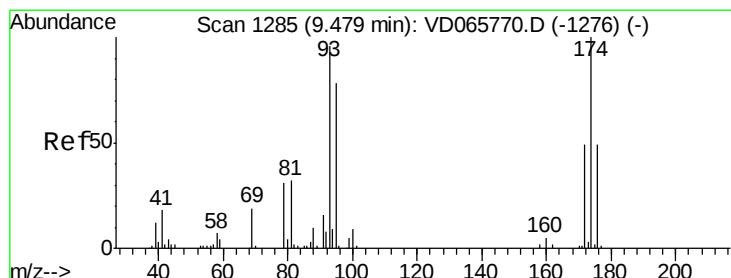
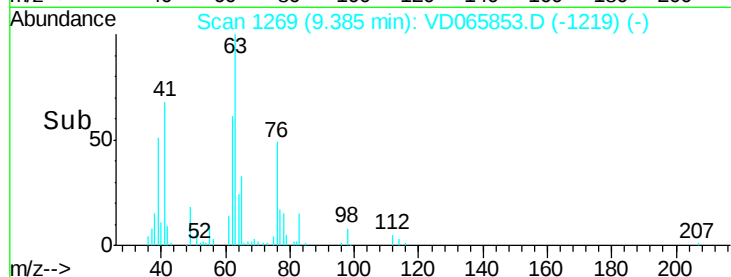
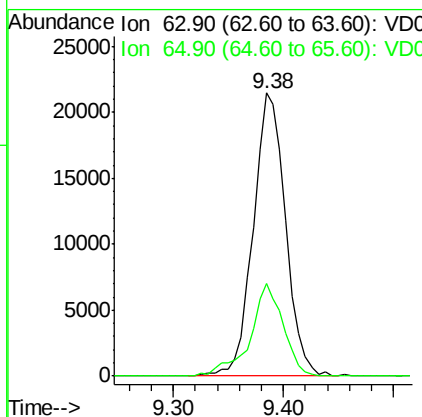
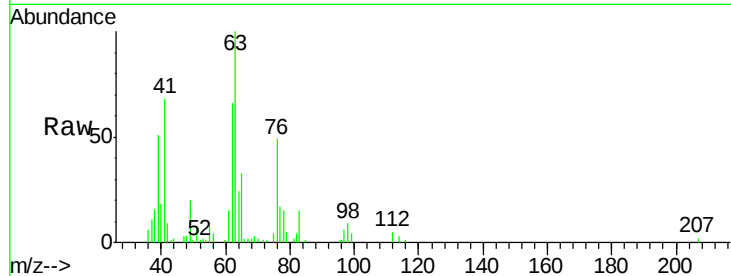
65 32.9 24.2 36.2

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#46

Dibromomethane

Concen: 21.909 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

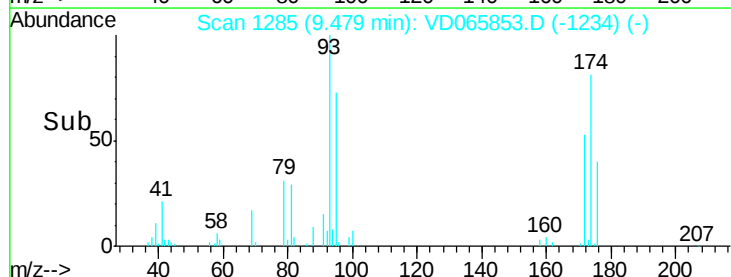
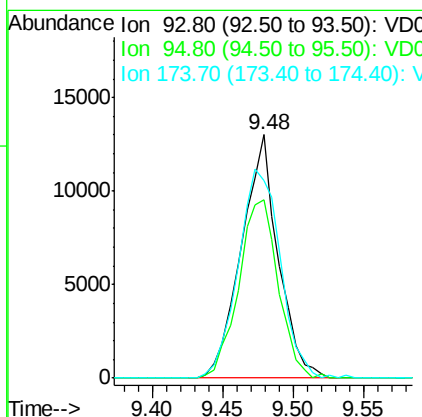
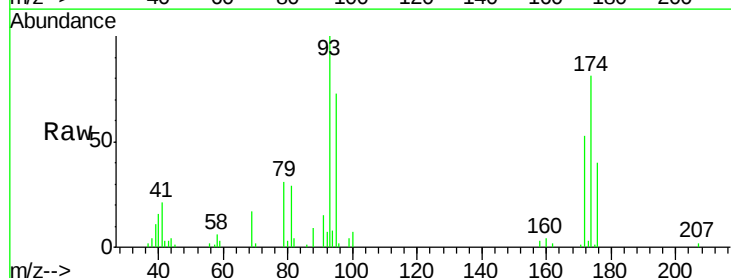
Tgt Ion: 93 Resp: 23658

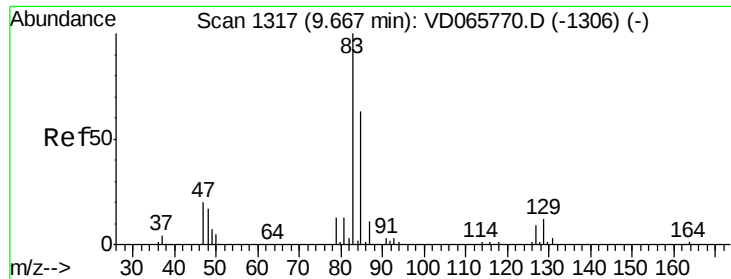
Ion Ratio Lower Upper

93 100

95 78.9 65.8 98.6

174 98.8 80.9 121.3





#47

Bromodichloromethane

Concen: 21.538 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

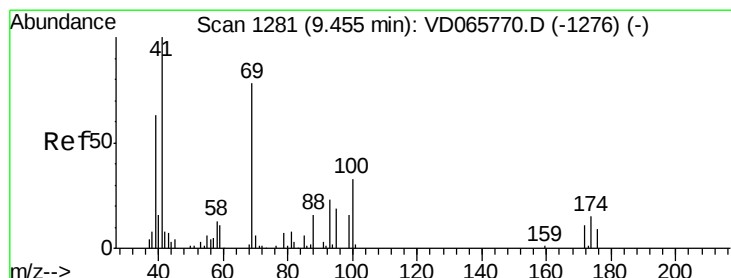
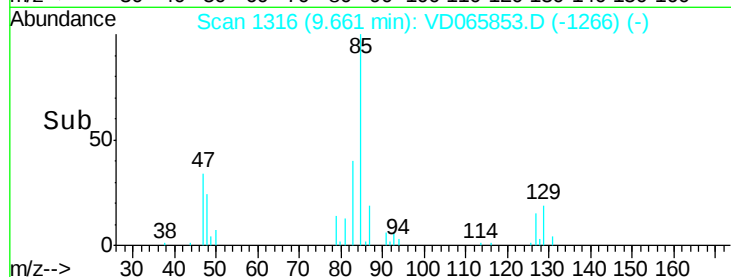
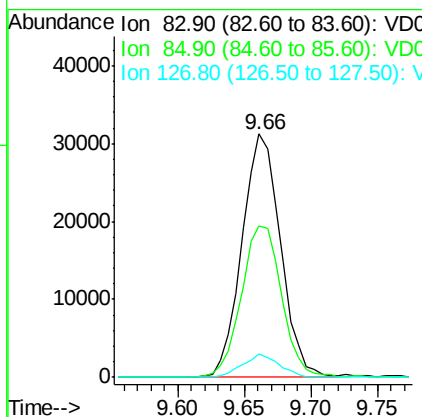
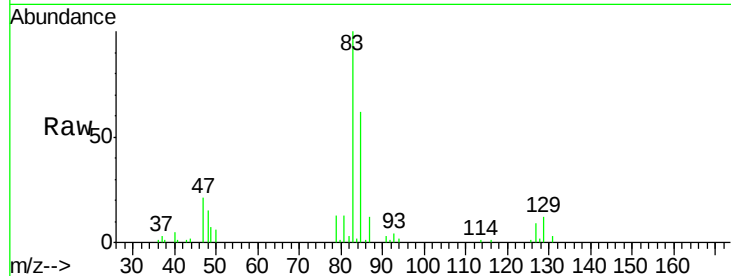
ClientSampleId :

VD0623SBS01

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

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#48

Methyl methacrylate

Concen: 22.959 ug/l

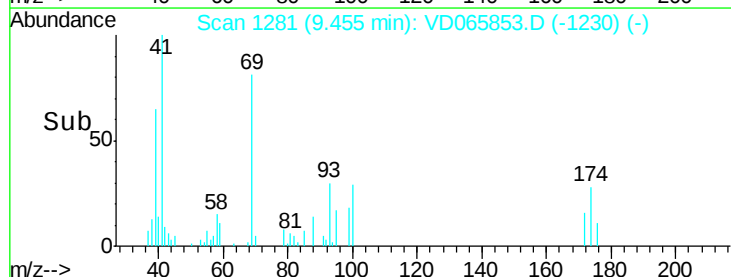
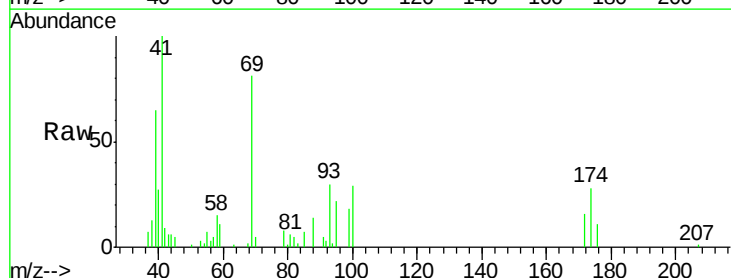
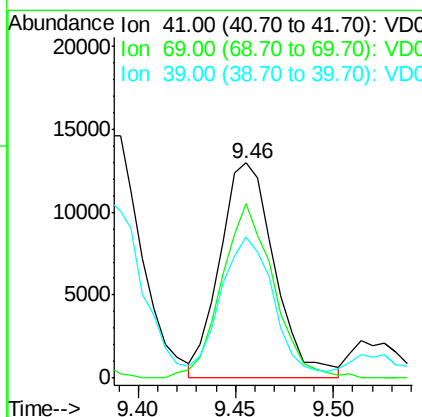
RT: 9.46 min Scan# 1281

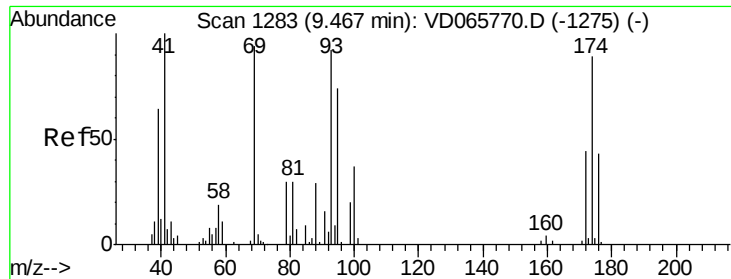
Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

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





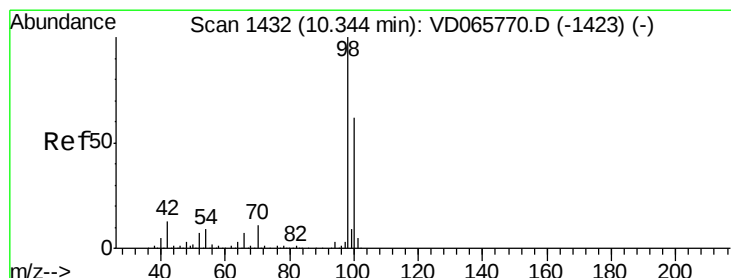
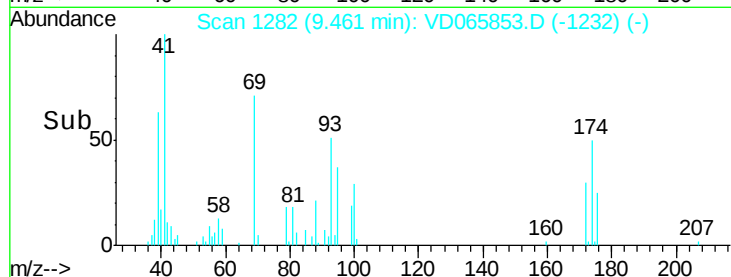
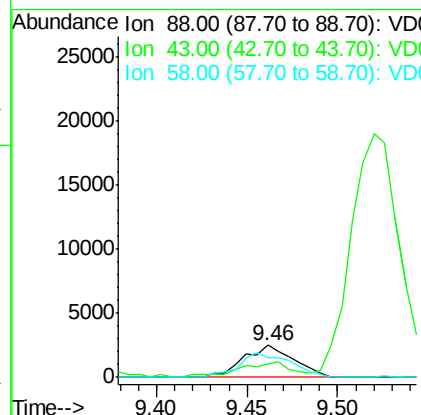
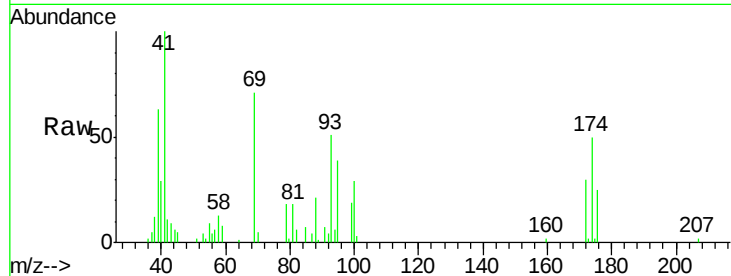
#49
1,4-Dioxane
Concen: 413.281 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	51.4	32.2	48.4#
58	80.0	54.9	82.3

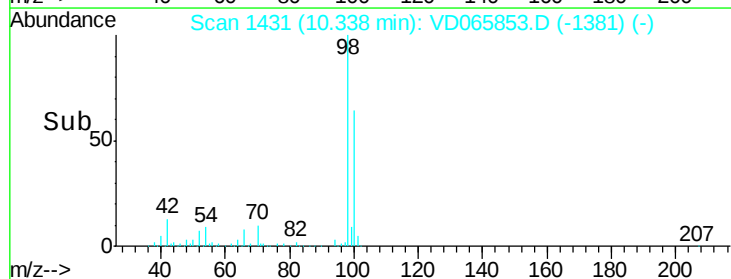
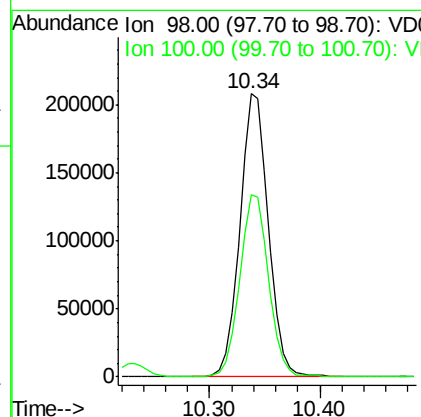
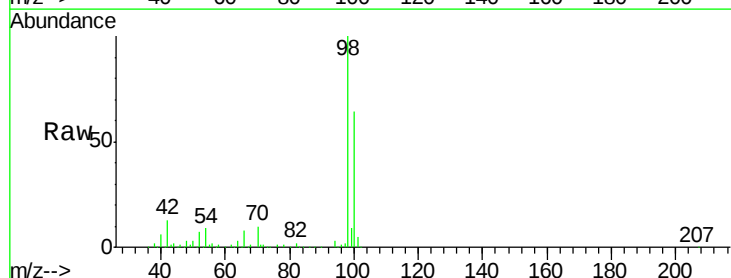
Manual Integrations
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MMDadoda
6/24/2020 10:52:33 AM



#50
Toluene-d8
Concen: 52.800 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 112.717 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 43 Resp: 125391

Ion Ratio Lower Upper

43 100

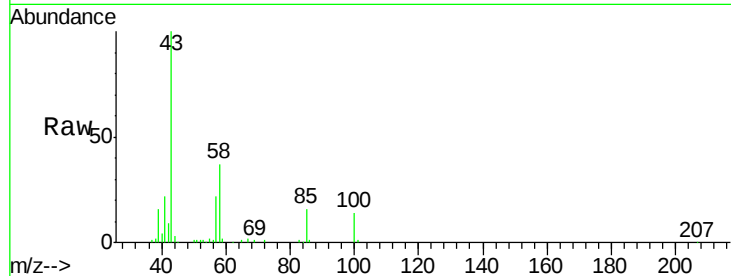
58 37.1 30.7 46.1

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

60000

40000

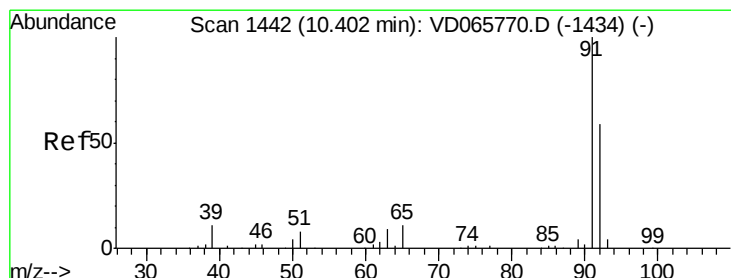
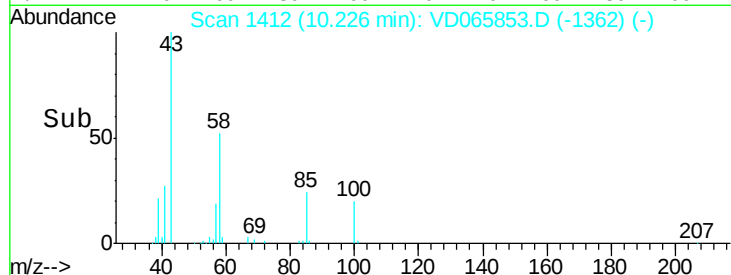
20000

0

10.20

10.30

Time-->



#52

Toluene

Concen: 22.731 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065853.D

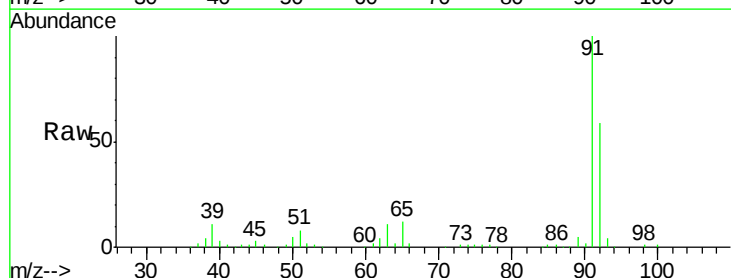
Acq: 23 Jun 2020 12:04

Tgt Ion: 92 Resp: 117035

Ion Ratio Lower Upper

92 100

91 169.2 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

120000

100000

80000

60000

40000

20000

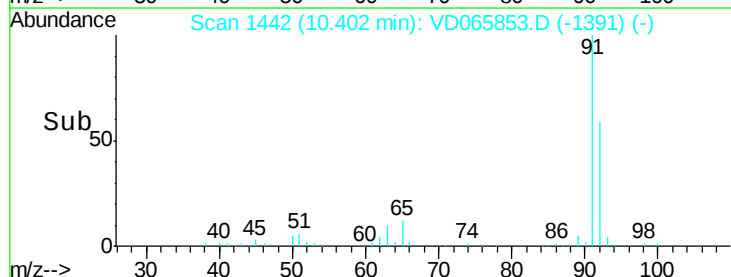
0

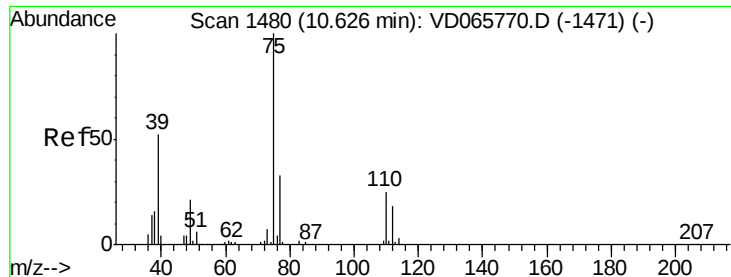
10.30

10.40

10.50

Time-->





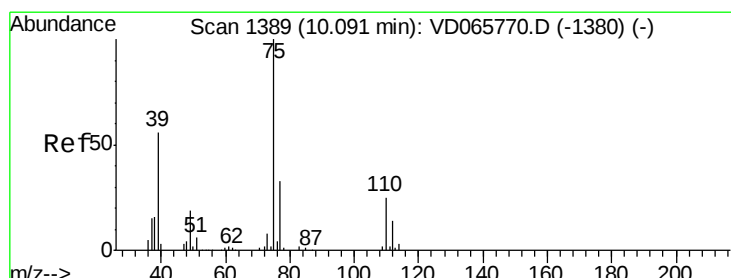
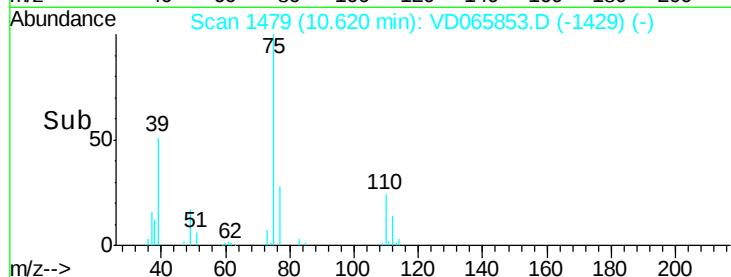
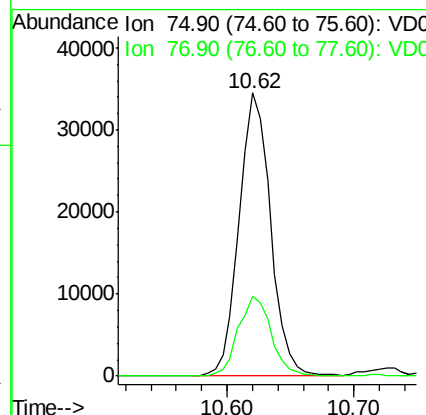
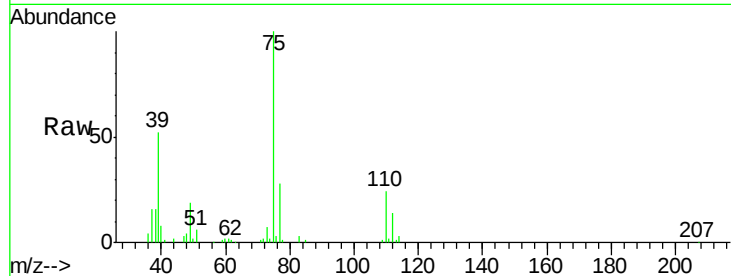
#53
t-1,3-Dichloropropene
Concen: 22.738 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.4	26.4	39.6

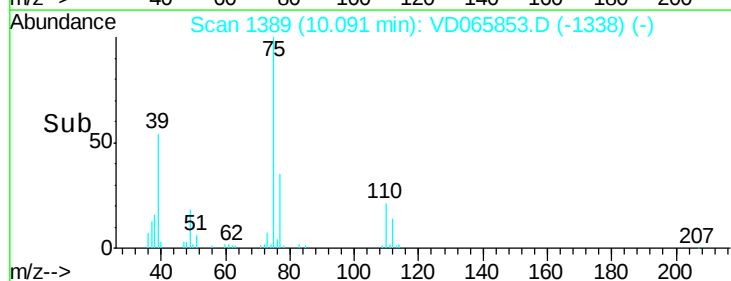
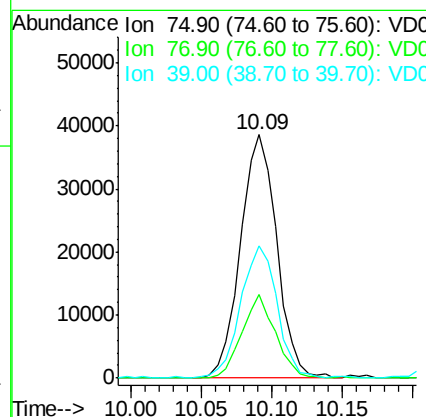
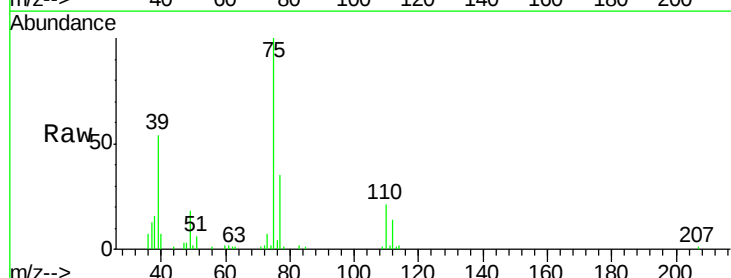
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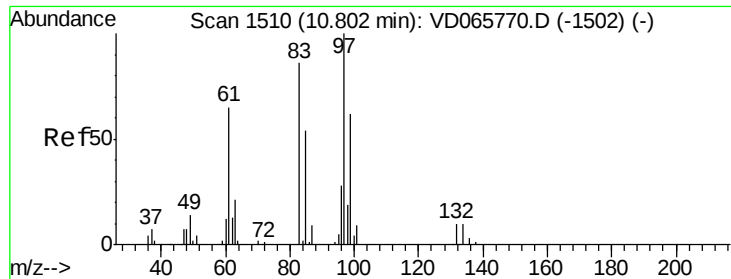
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 22.433 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.0	39.0
39	54.2	45.0	67.6





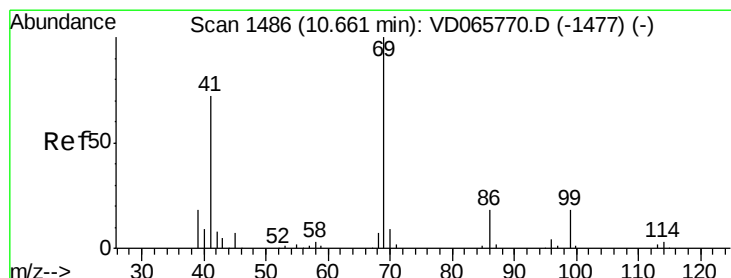
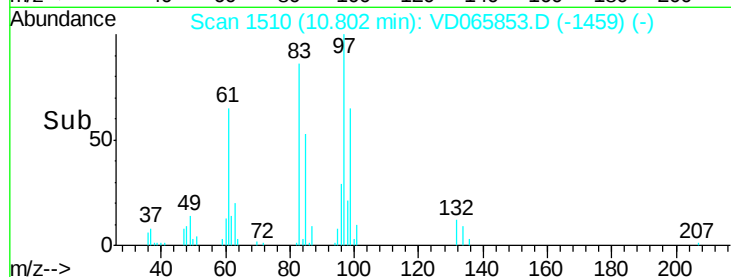
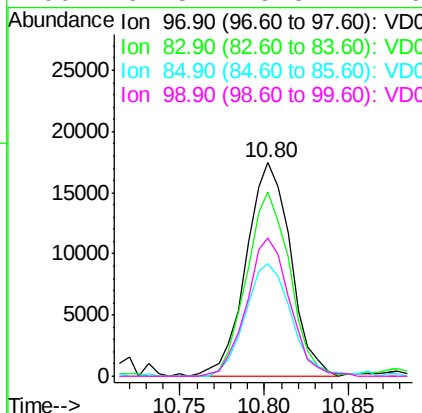
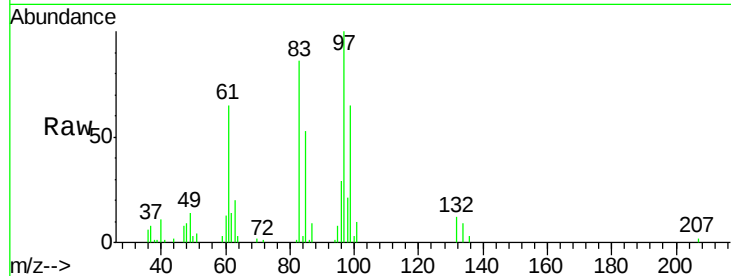
#55
 1,1,2-Trichloroethane
 Concen: 22.137 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

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

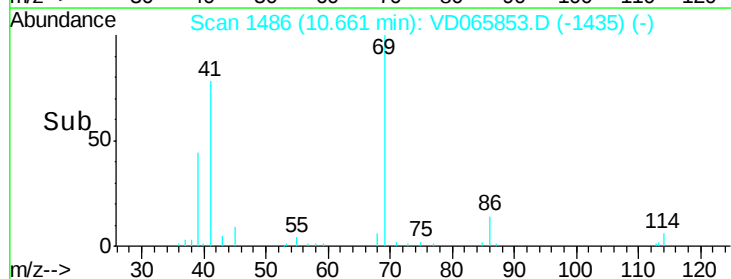
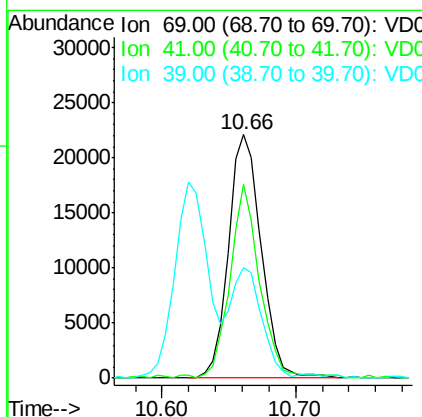
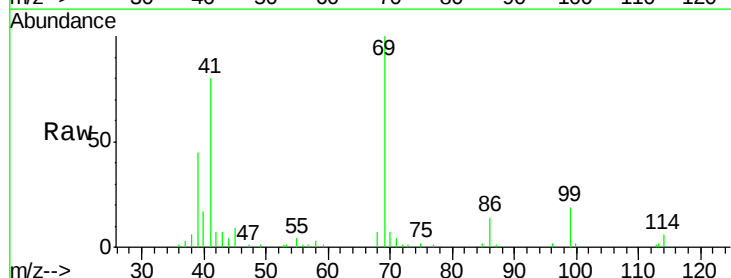
Manual Integrations
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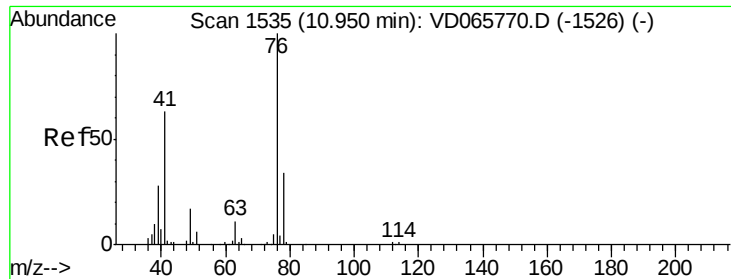
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#56
 Ethyl methacrylate
 Concen: 22.208 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

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





#57

1,3-Dichloropropane

Concen: 22.206 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 76 Resp: 55508

Ion Ratio Lower Upper

76 100

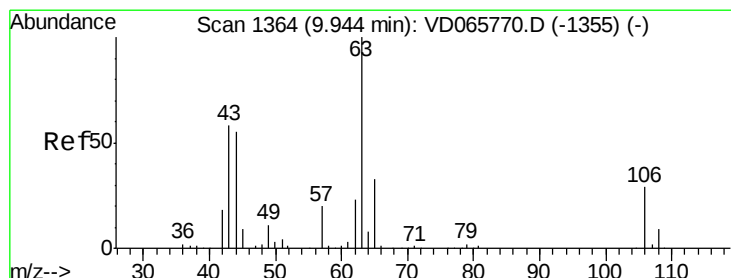
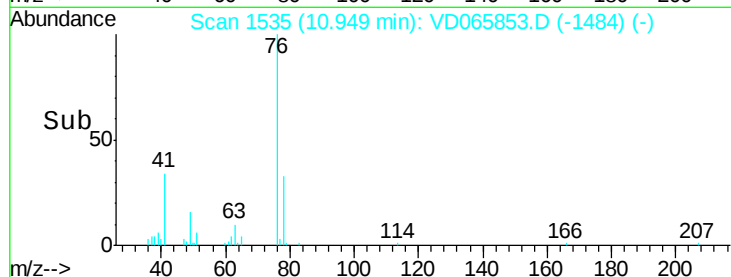
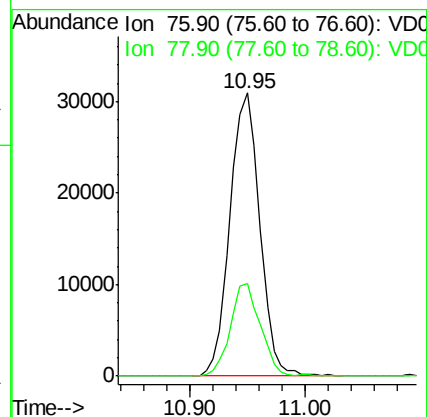
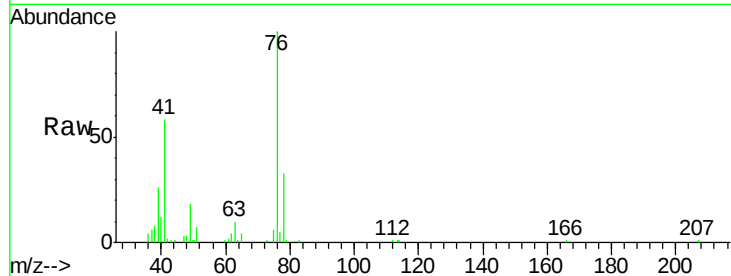
78 32.6 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 108.937 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065853.D

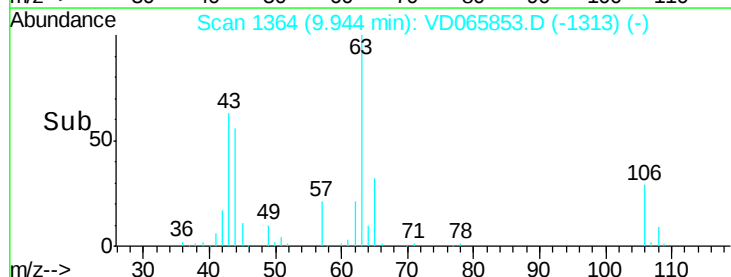
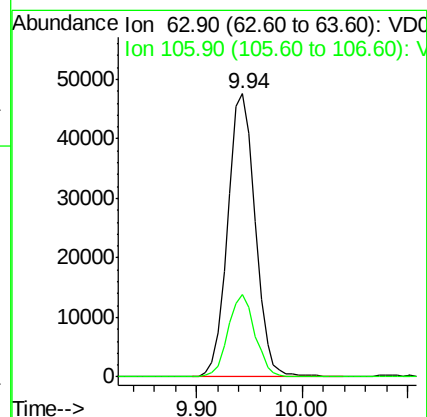
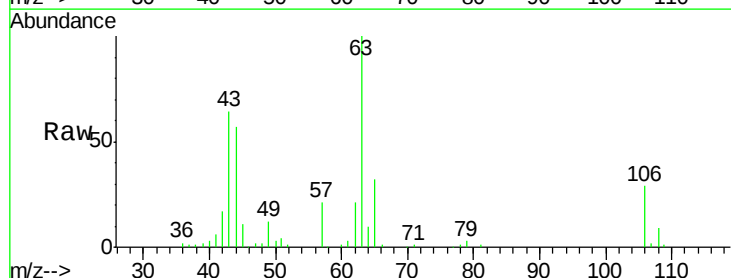
Acq: 23 Jun 2020 12:04

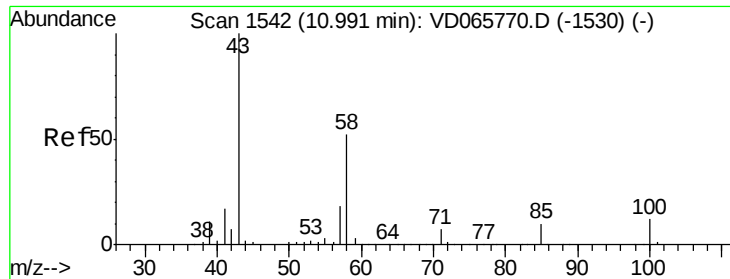
Tgt Ion: 63 Resp: 85950

Ion Ratio Lower Upper

63 100

106 28.4 23.2 34.8





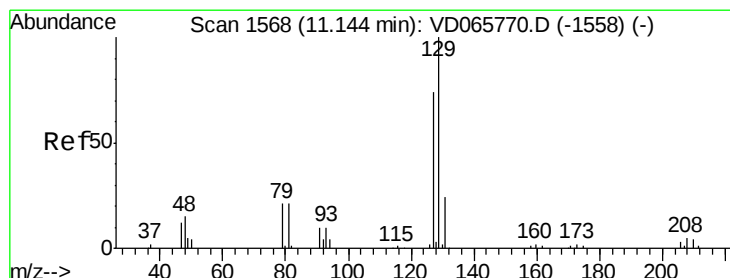
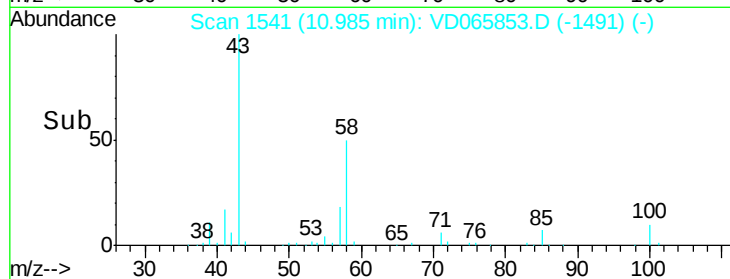
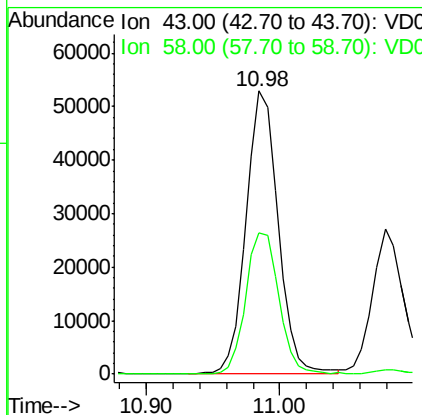
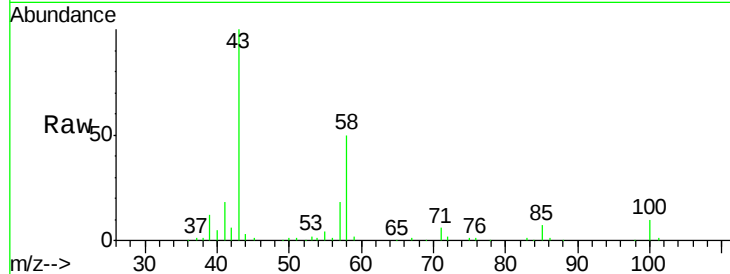
#59
2-Hexanone
Concen: 117.085 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

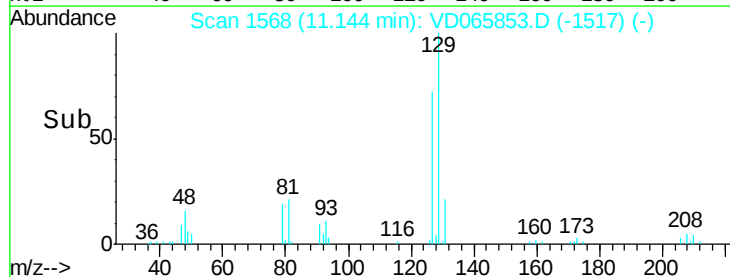
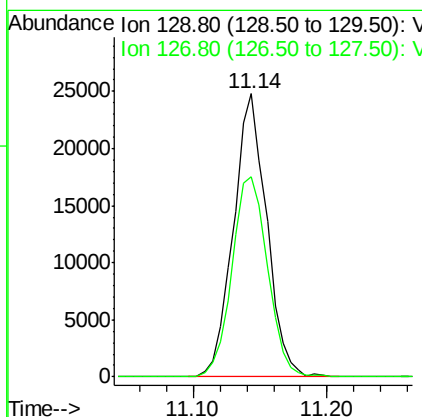
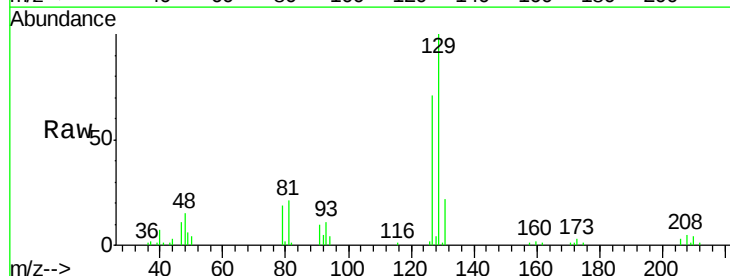
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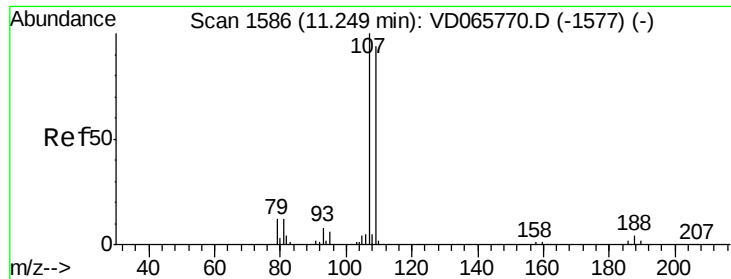
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#60
Dibromochloromethane
Concen: 21.970 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

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





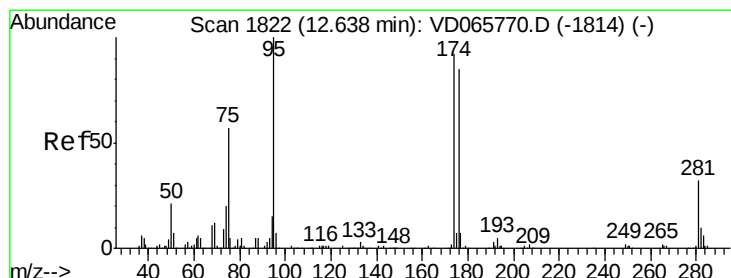
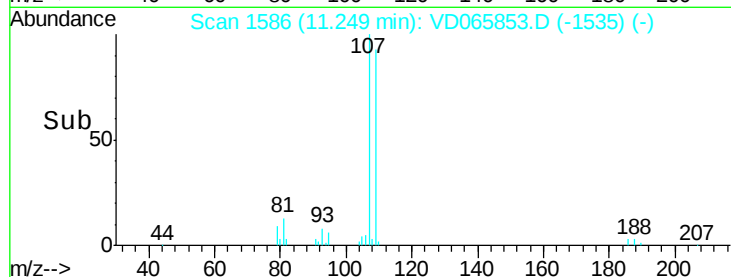
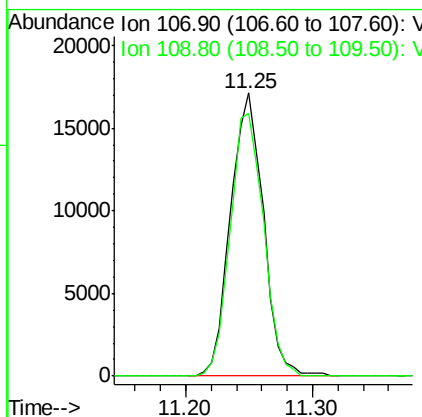
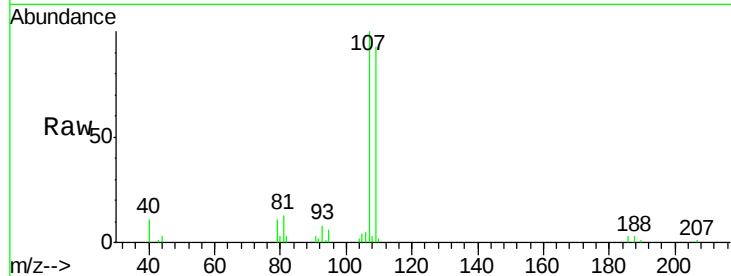
#61
1,2-Dibromoethane
Concen: 21.660 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.4	111.6

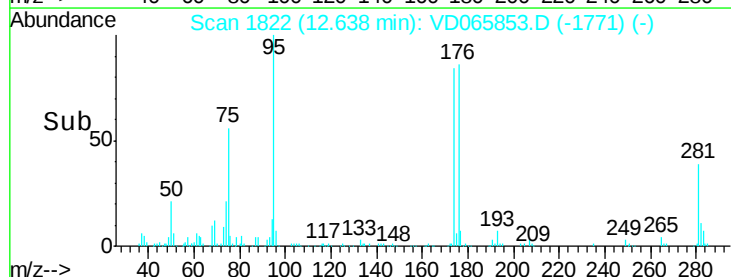
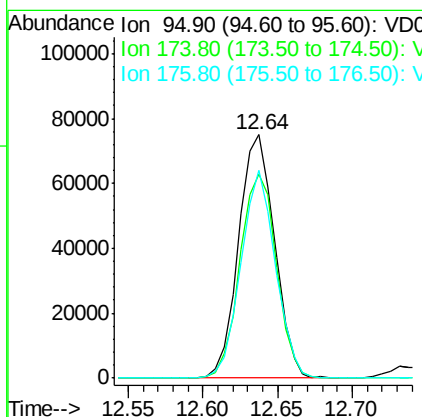
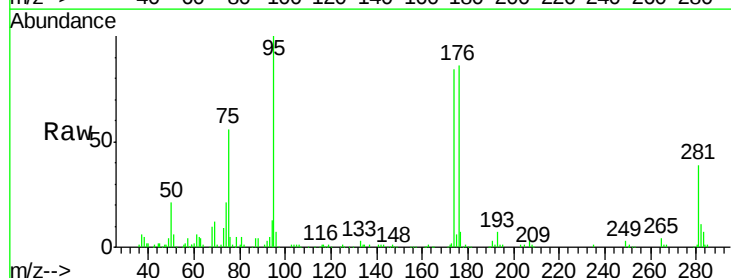
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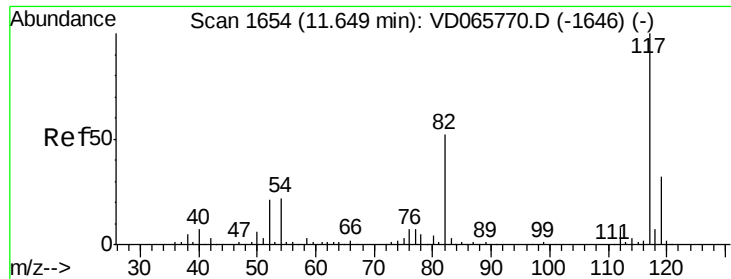
MMDadoda
6/24/2020 10:52:33 AM



#62
4-Bromofluorobenzene
Concen: 51.926 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	175.2
176	81.9	0.0	163.0





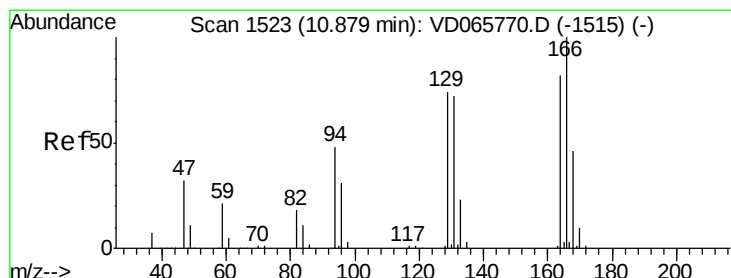
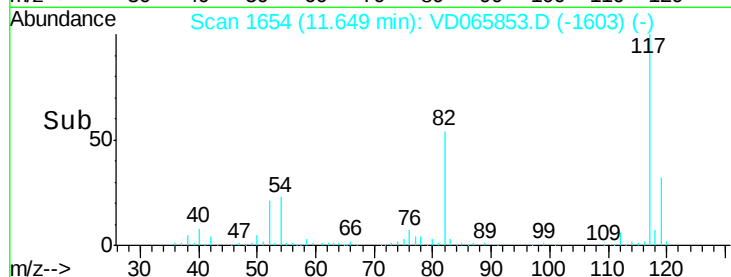
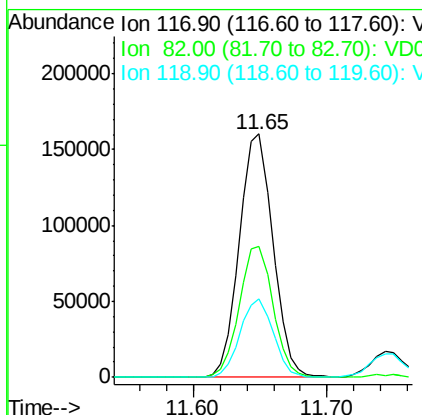
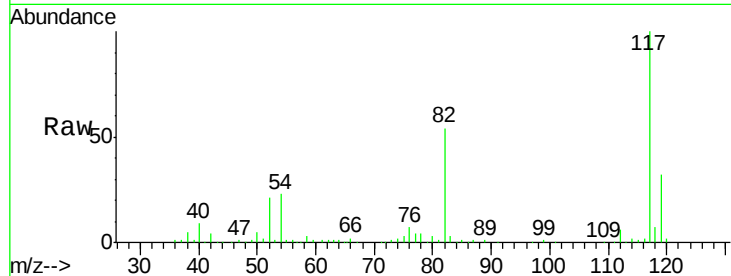
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

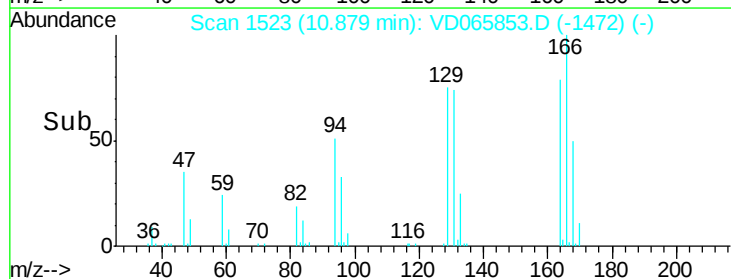
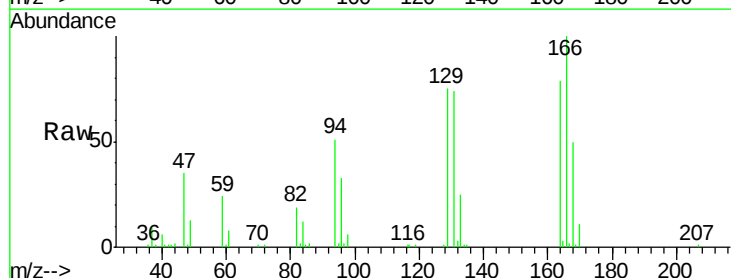
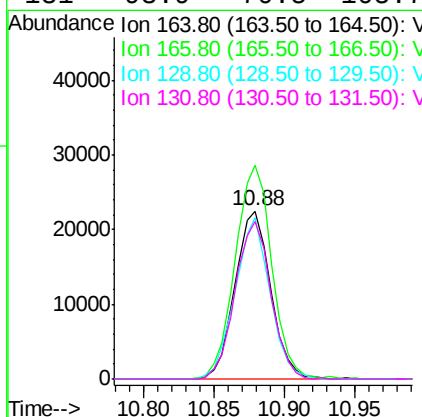
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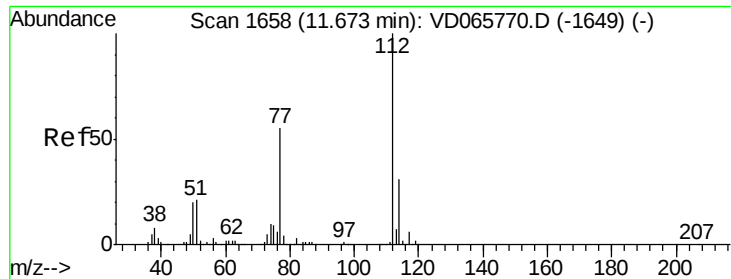
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#64
Tetrachloroethene
Concen: 20.952 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

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





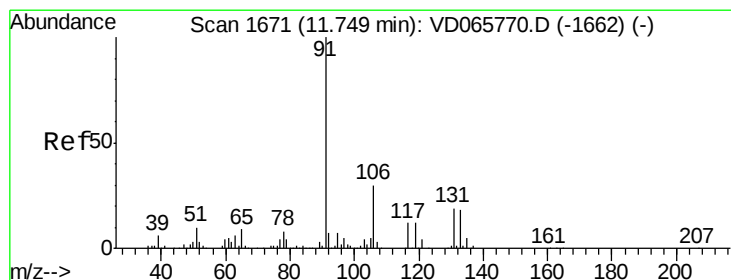
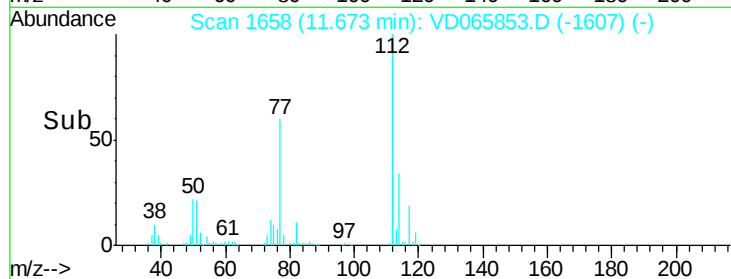
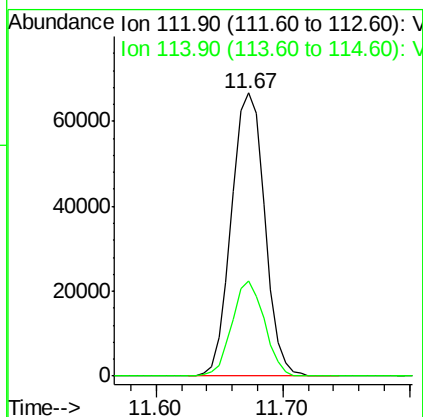
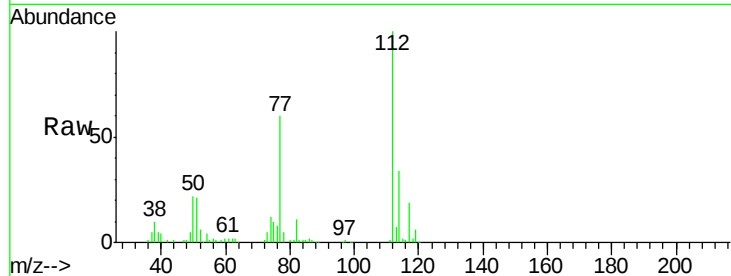
#65
Chlorobenzene
Concen: 22.146 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	24.7	37.1

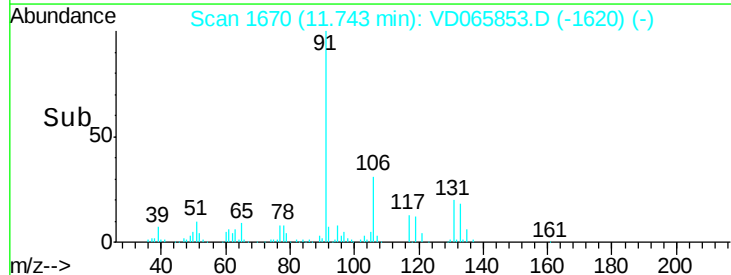
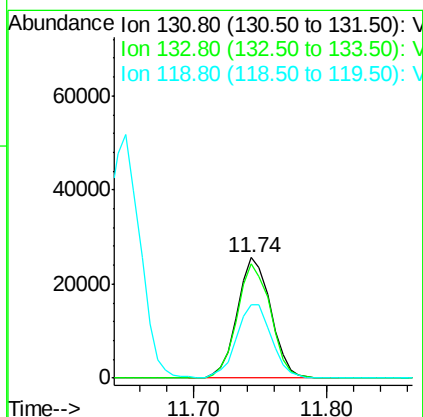
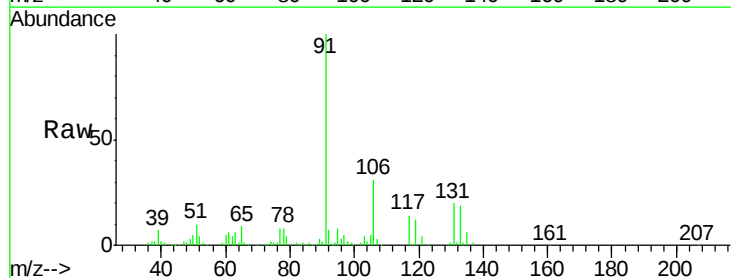
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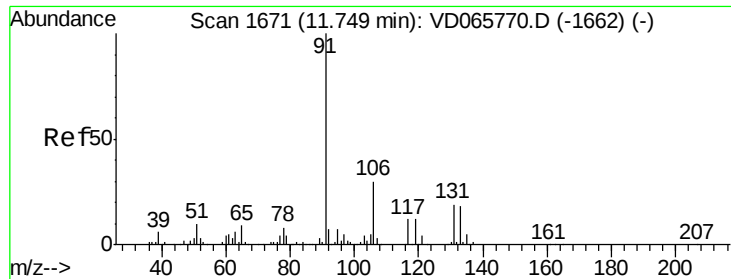
MMDadoda
6/24/2020 10:52:33 AM



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

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





#67

Ethyl Benzene

Concen: 22.374 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 91 Resp: 218972

Ion Ratio Lower Upper

91 100

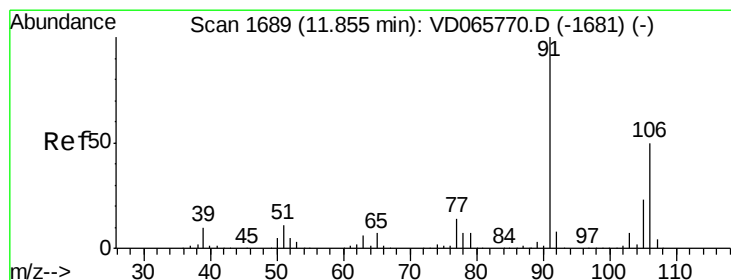
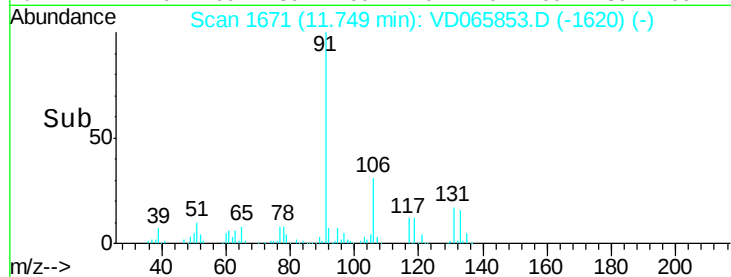
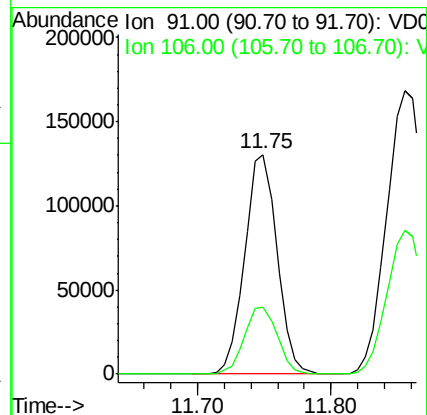
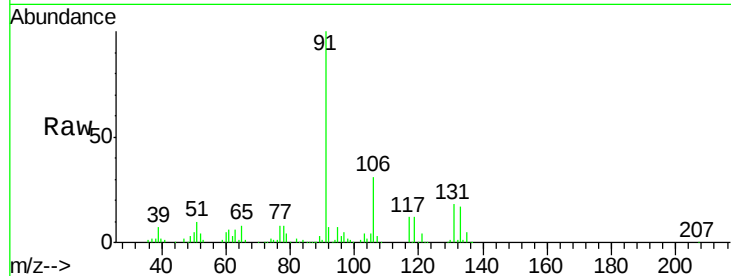
106 30.7 24.1 36.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 44.504 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065853.D

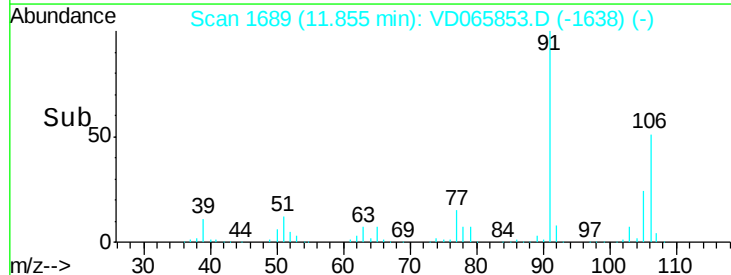
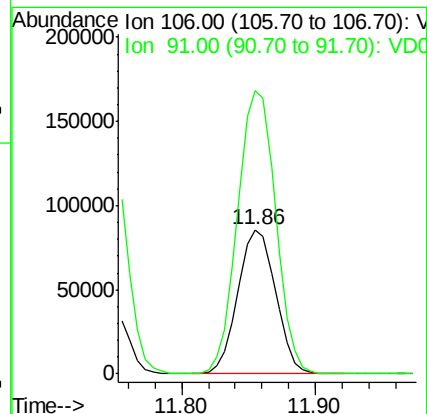
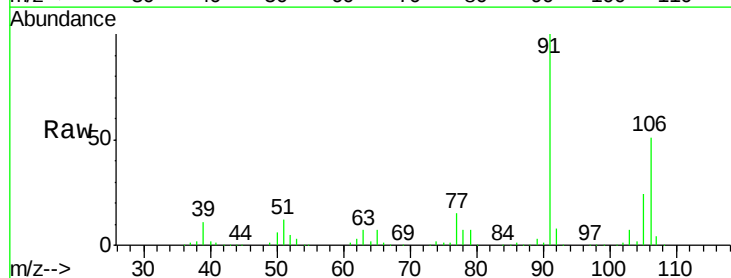
Acq: 23 Jun 2020 12:04

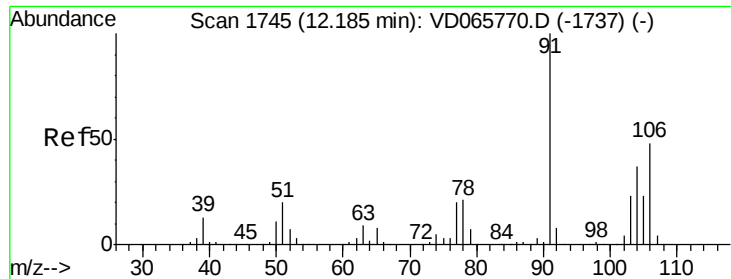
Tgt Ion: 106 Resp: 167771

Ion Ratio Lower Upper

106 100

91 199.1 159.4 239.2





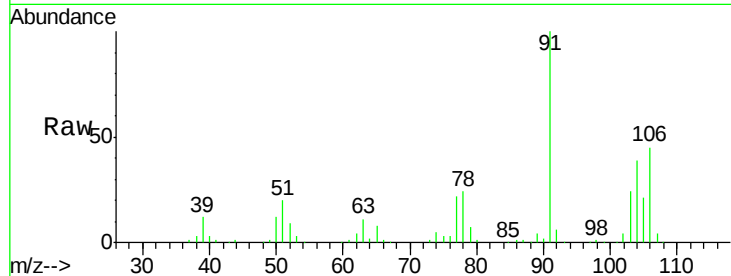
#69
o-Xylene
Concen: 22.073 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

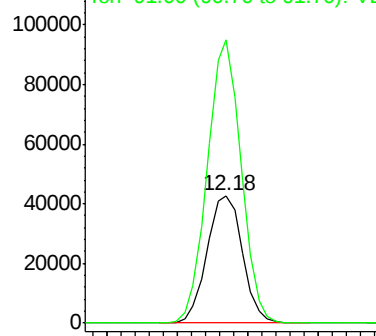
Tot Ion:106 Resp: 75026
Ion Ratio Lower Upper
106 100
91 211.5 105.3 315.8

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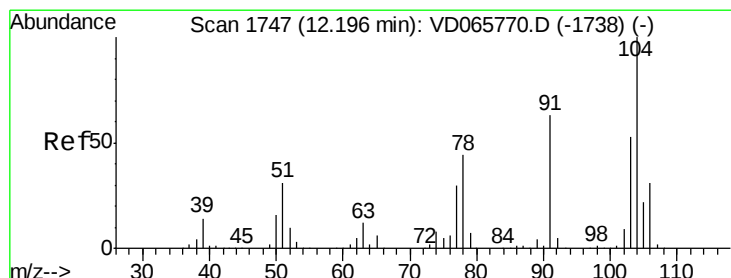
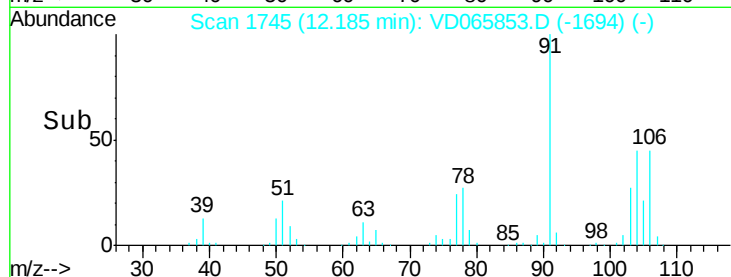
MMDadoda
6/24/2020 10:52:33 AM



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

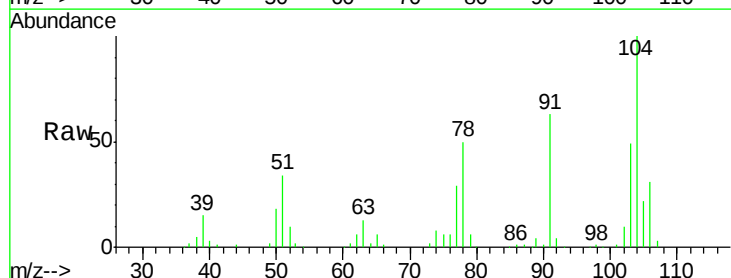


Time--> 12.10 12.15 12.20 12.25

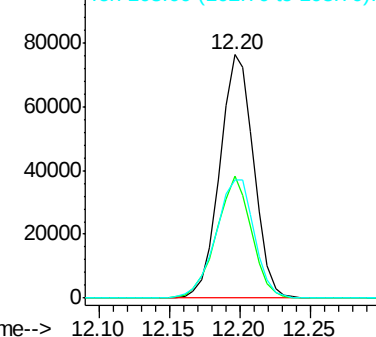


#70
Styrene
Concen: 21.871 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

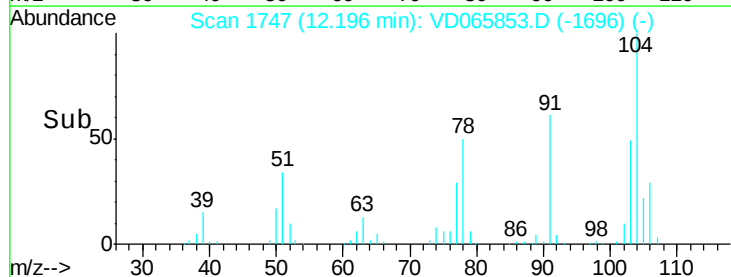
Tgt Ion:104 Resp: 128692
Ion Ratio Lower Upper
104 100
78 51.8 38.6 58.0
103 55.2 43.9 65.9

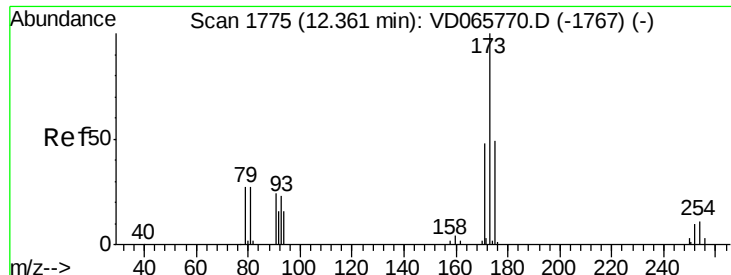


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



Time--> 12.10 12.15 12.20 12.25





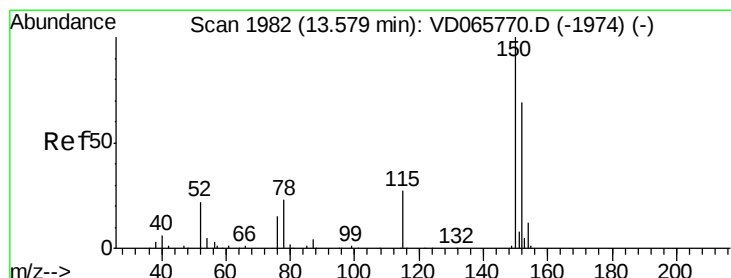
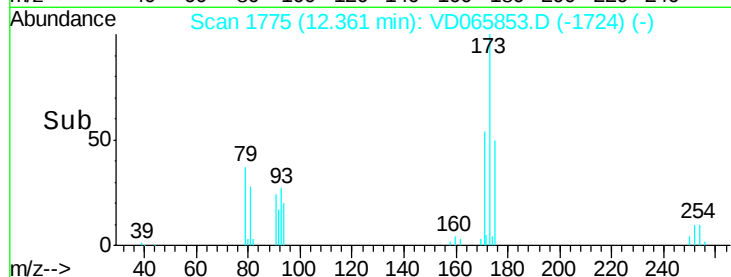
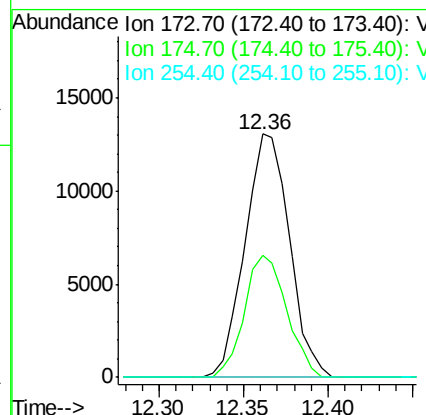
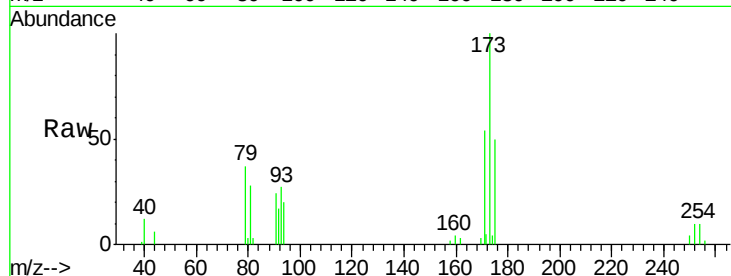
#71
Bromoform
Concen: 21.248 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

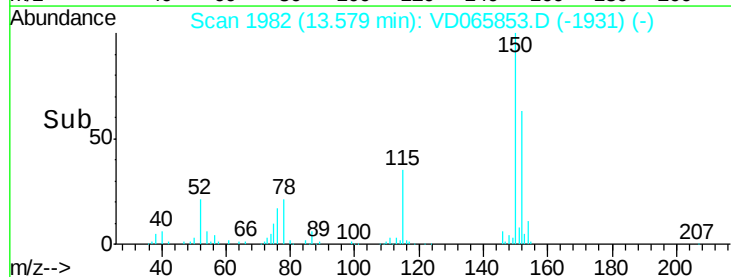
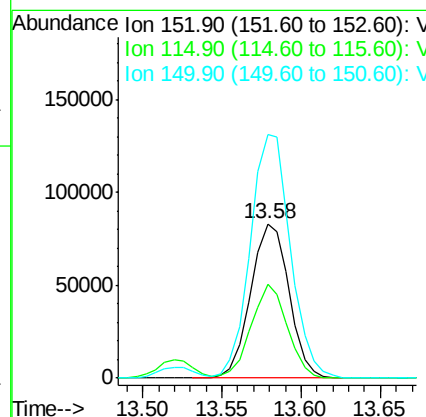
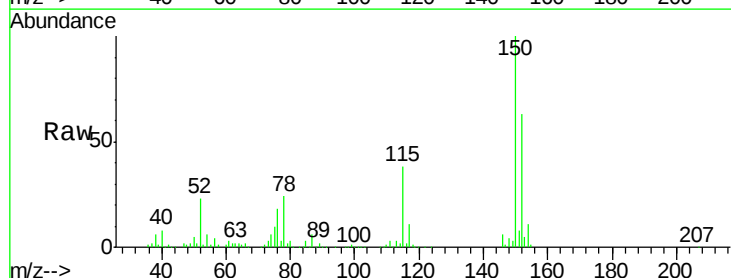
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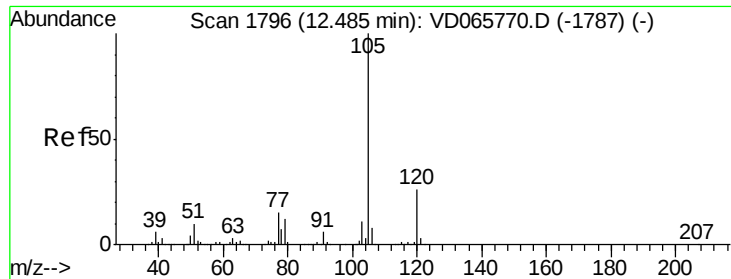
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

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





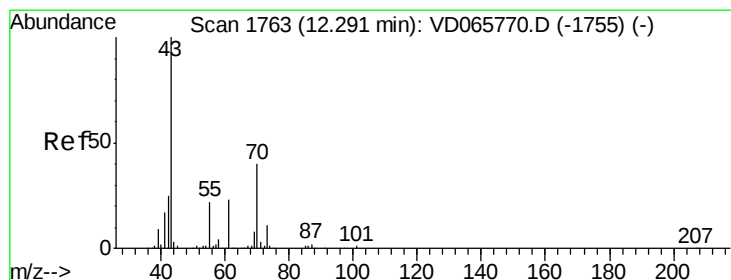
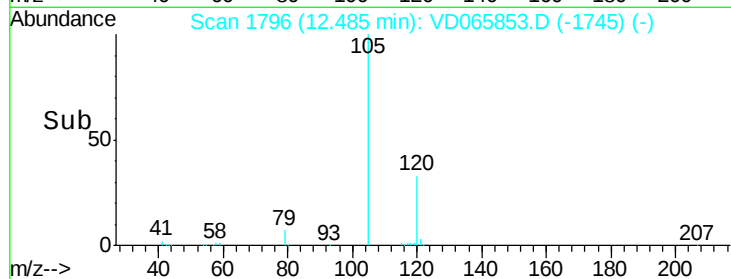
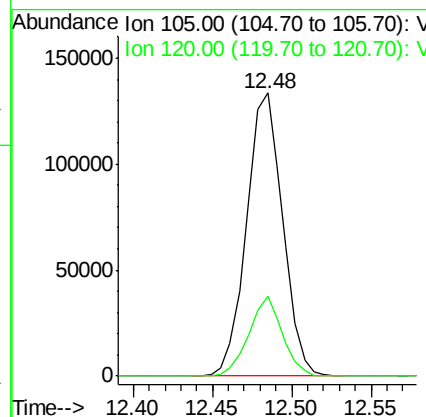
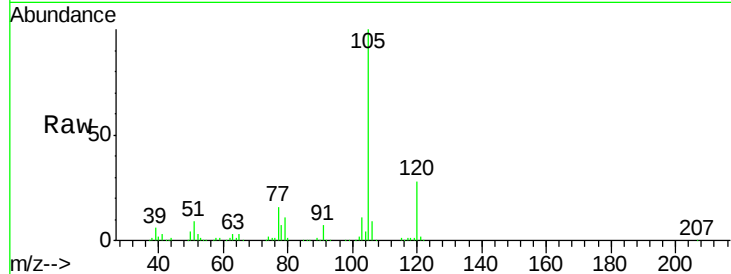
#73
Isopropylbenzene
Concen: 22.505 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	211157		
120	26.3	13.5	40.5	

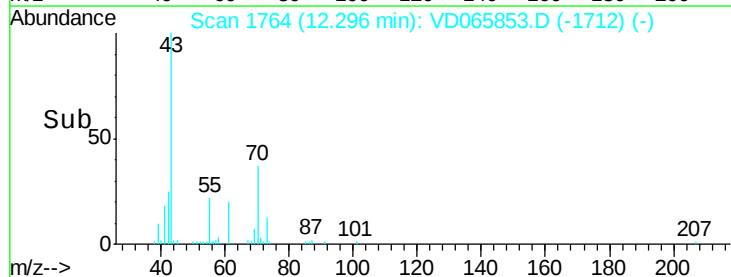
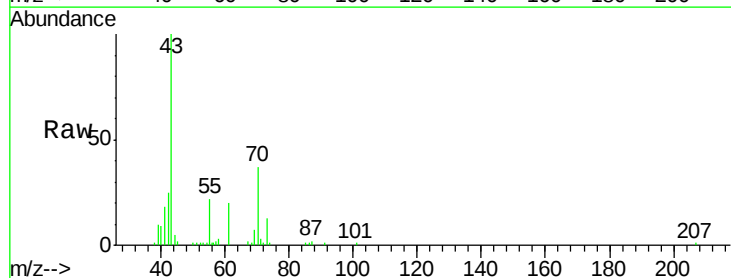
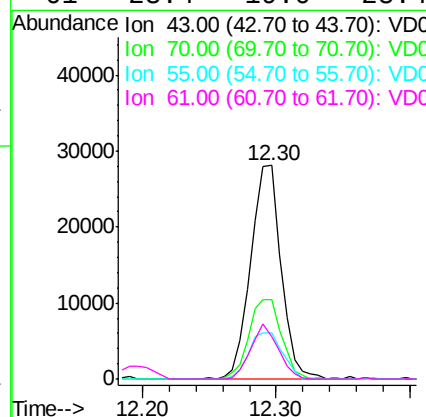
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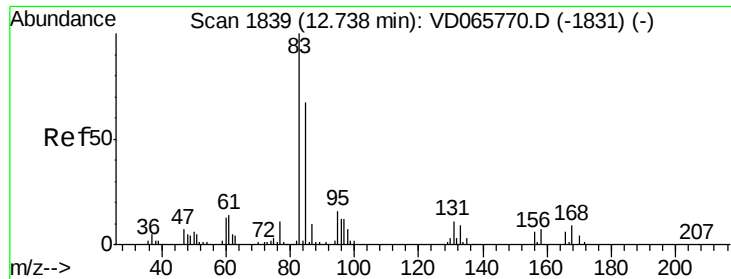
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#74
N-ethyl acetate
Concen: 21.121 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	44088		
70	40.0	32.3	48.5	
55	24.1	19.0	28.4	
61	23.4	19.0	28.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 23.050 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

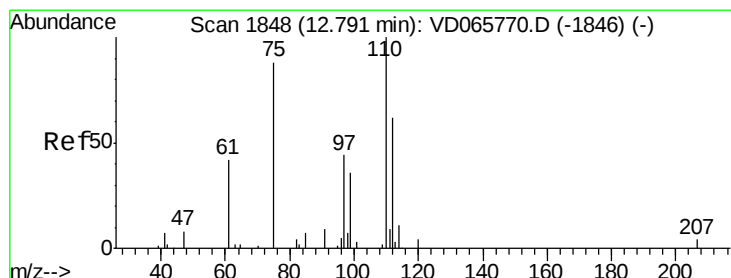
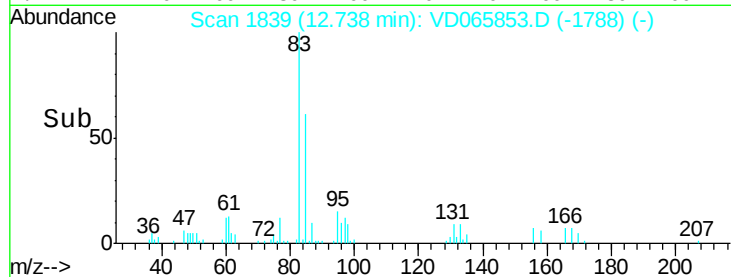
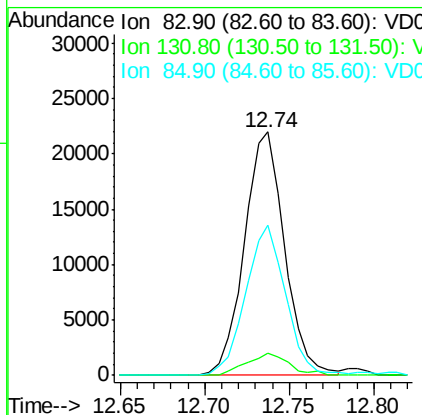
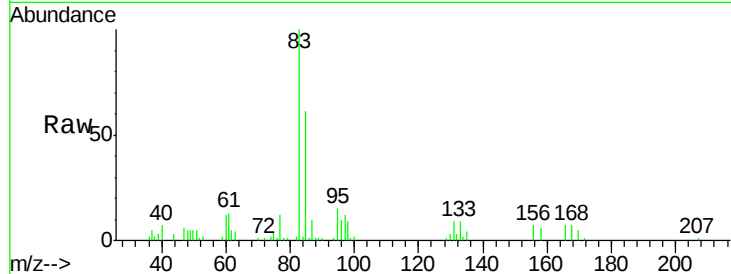
ClientSampleId :

VD0623SBS01

Tot Ion:	83	Resp:	36524
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.5	16.4
85	60.8	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 22.908 ug/l m

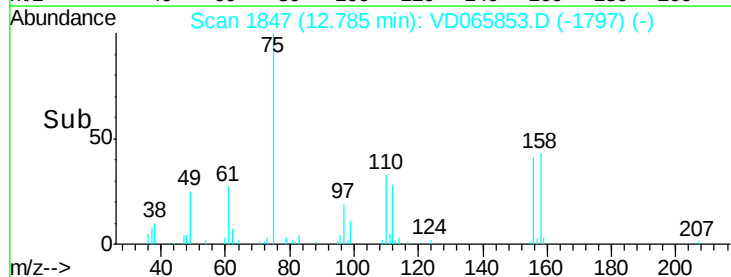
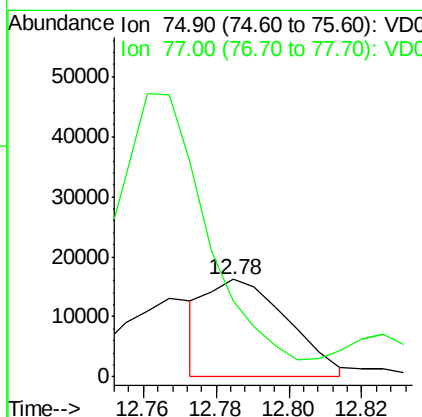
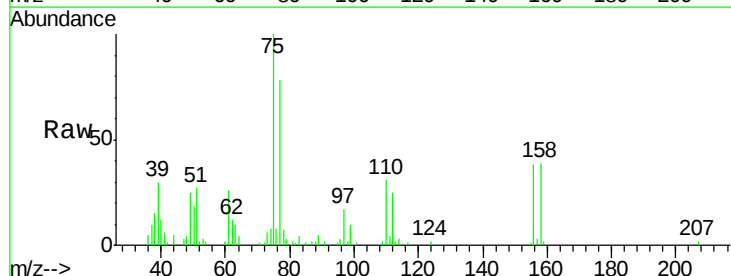
RT: 12.78 min Scan# 1847

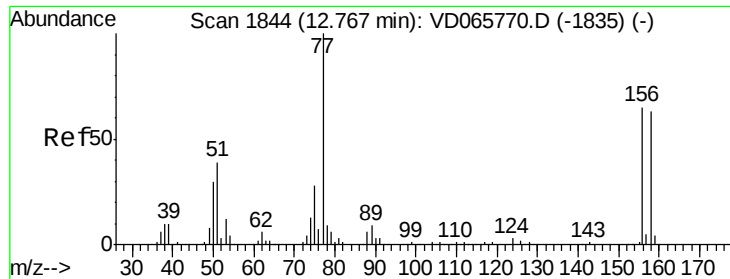
Delta R.T. -0.01 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Tgt Ion:	75	Resp:	24932
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





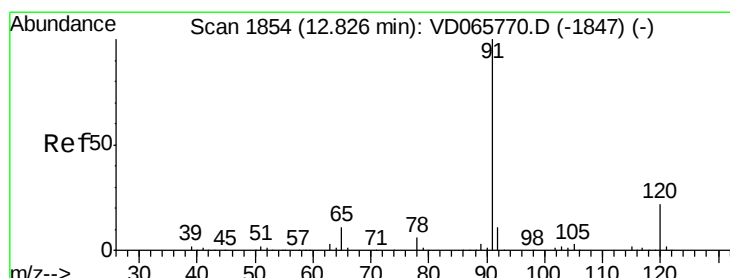
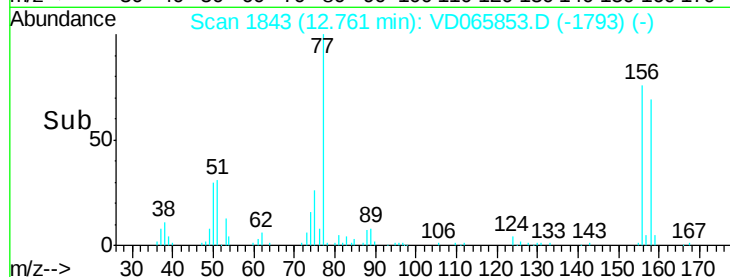
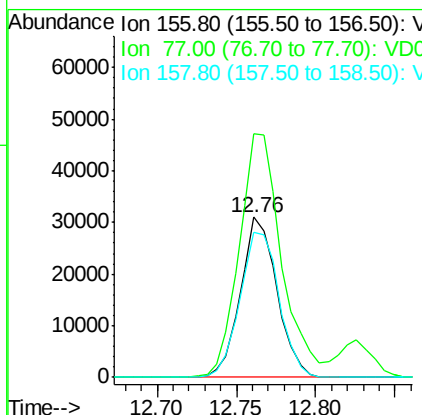
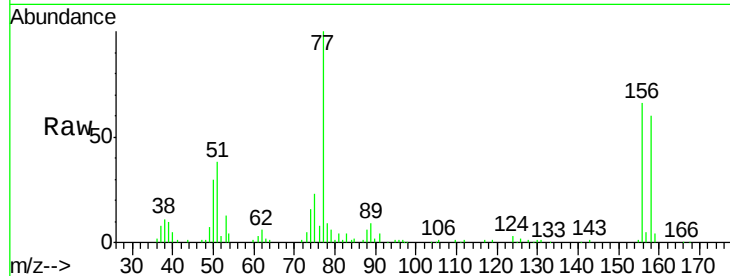
#77
Bromobenzene
Concen: 22.273 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	175.5	87.3	261.8	
158	97.4	48.0	144.0	

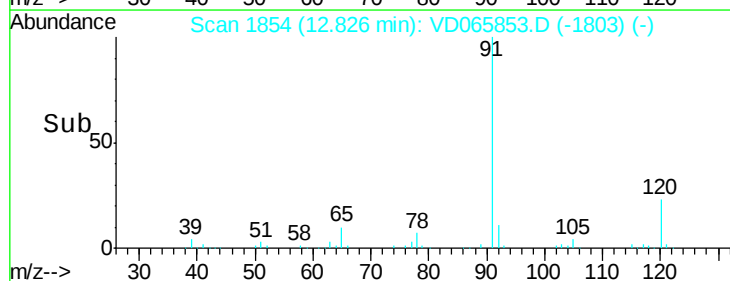
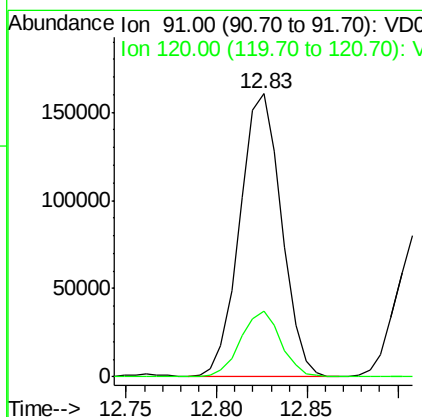
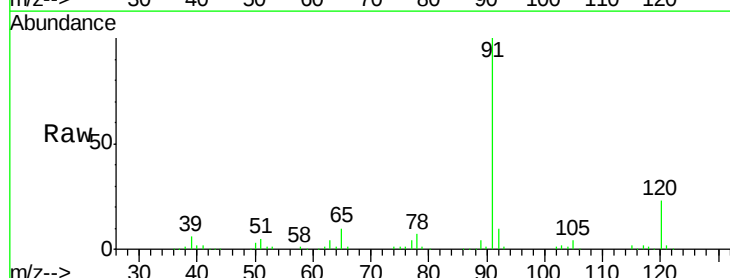
Manual Integrations
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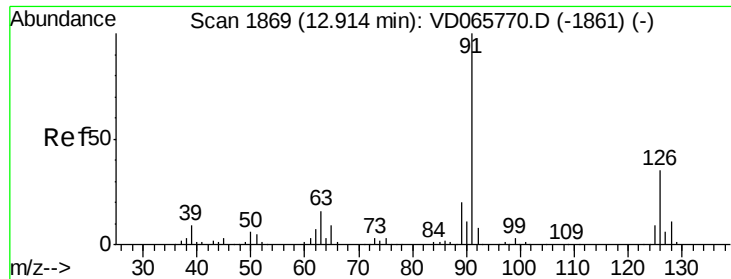
MMDadoda
6/24/2020 10:52:33 AM



#78
n-propylbenzene
Concen: 22.642 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.6	11.3	33.8	





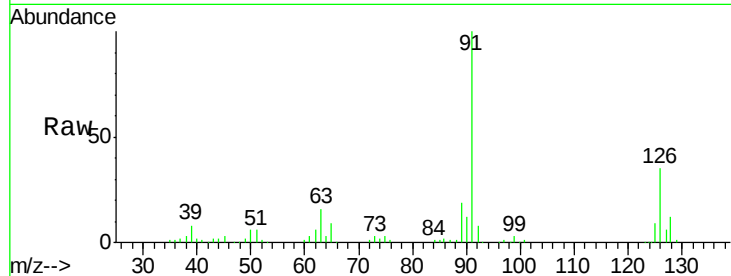
#79
 2-Chlorotoluene
 Concen: 22.570 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

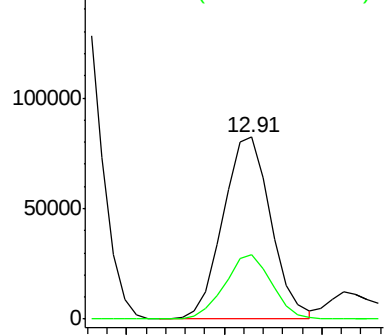
Tot Ion: 91 Resp: 139837
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.6

Manual Integrations
 APPROVED

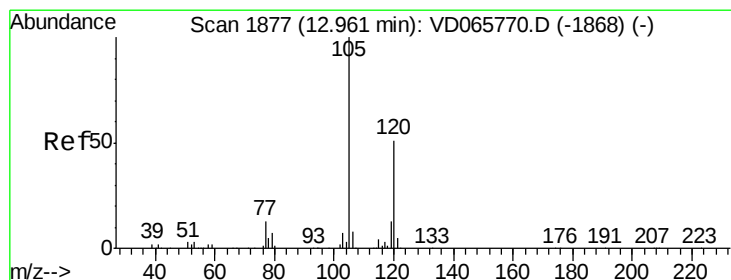
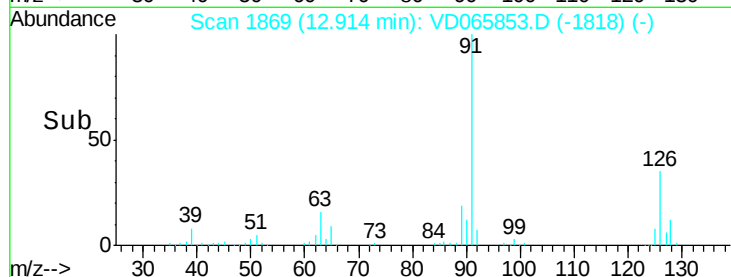
MMDadoda
 6/24/2020 10:52:33 AM



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

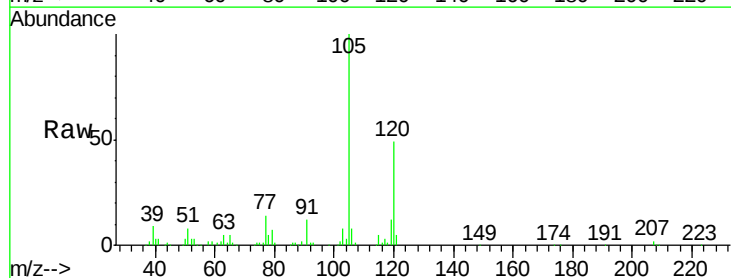


Time-->

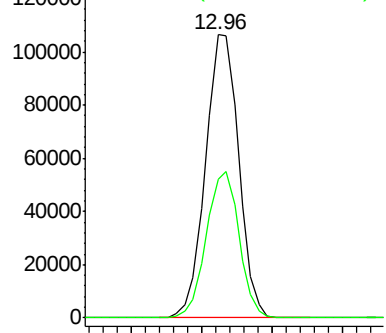


#80
 1,3,5-Trimethylbenzene
 Concen: 22.416 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

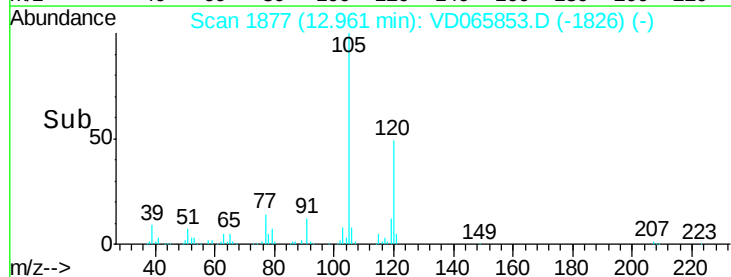
Tgt Ion: 105 Resp: 175023
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.0

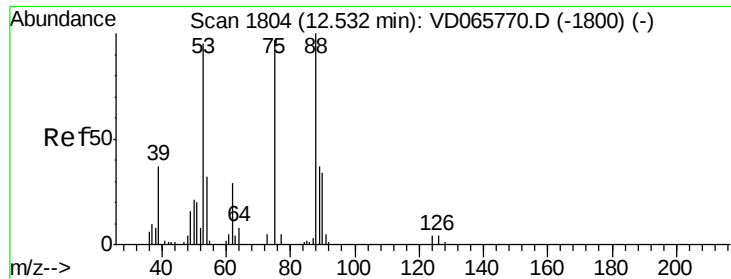


Abundance Ion 105.00 (104.70 to 105.70): VD065770.D (-1868) (-)
 Ion 120.00 (119.70 to 120.70): VD065770.D (-1868) (-)



Time-->





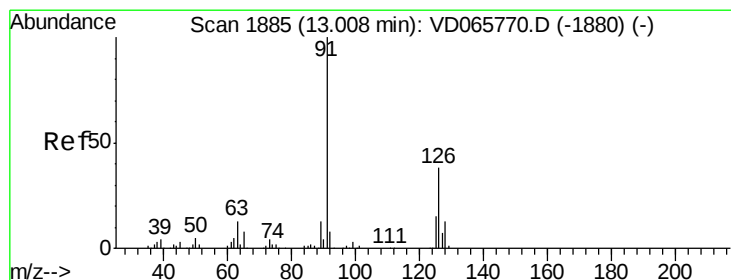
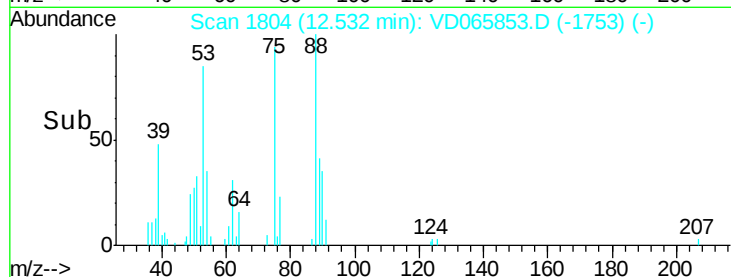
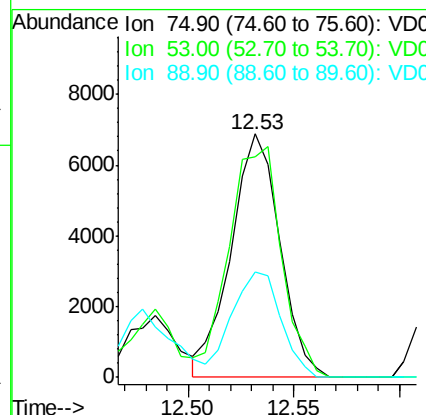
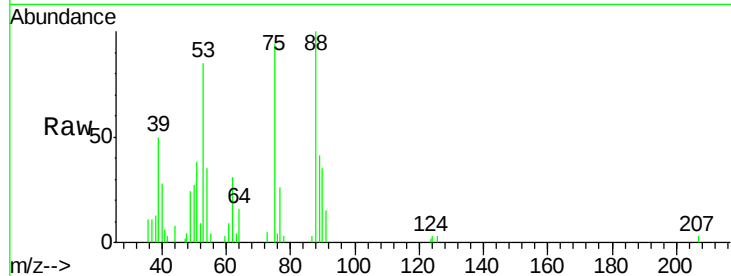
#81
trans-1,4-Dichloro-2-butene
Concen: 21.901 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.9	82.6	123.8
89	43.2	35.9	53.9

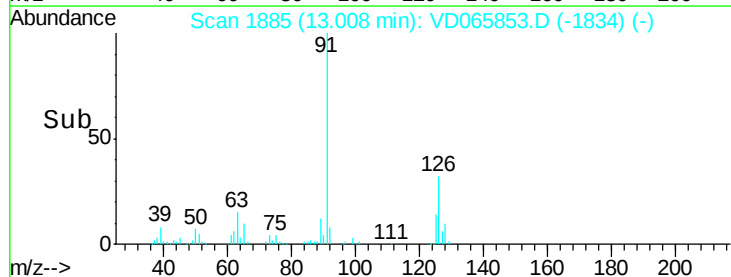
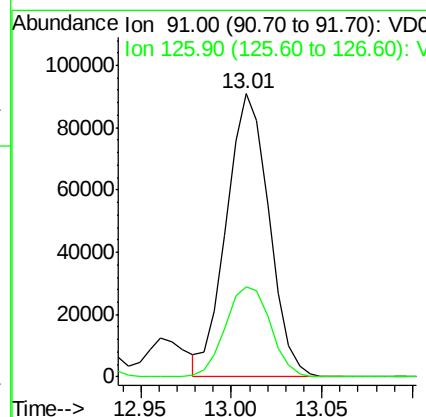
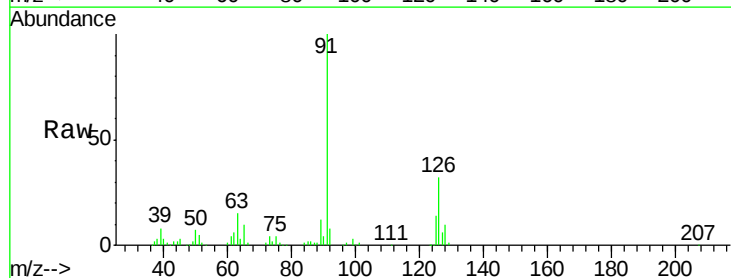
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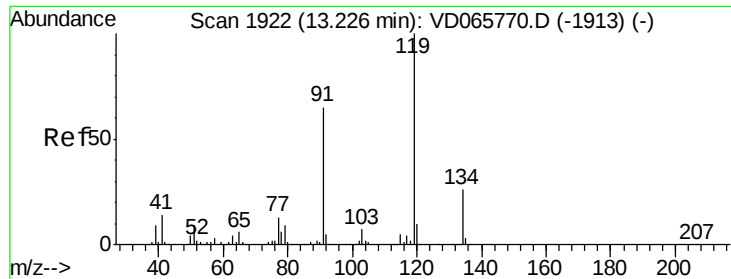
MMDadoda
6/24/2020 10:52:33 AM



#82
4-Chlorotoluene
Concen: 22.274 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.6	52.8





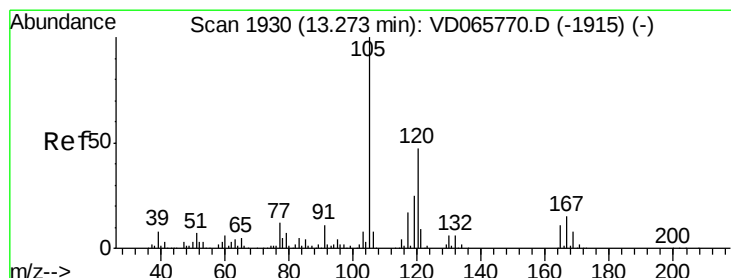
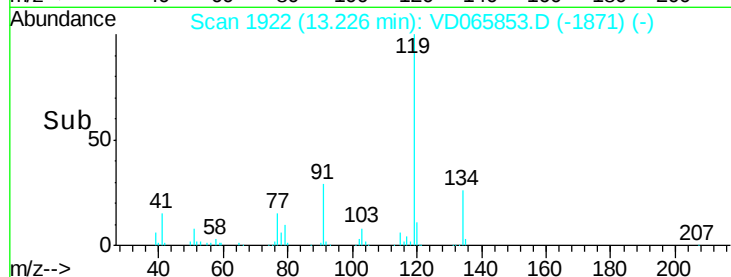
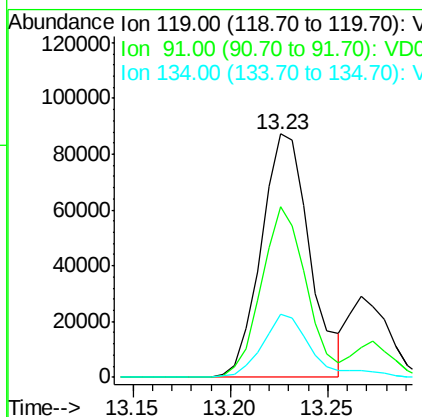
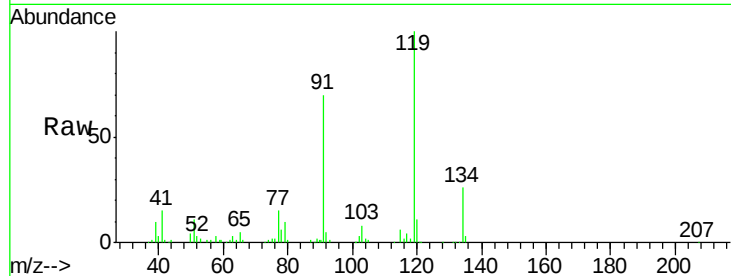
#83
tert-Butylbenzene
Concen: 22.181 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

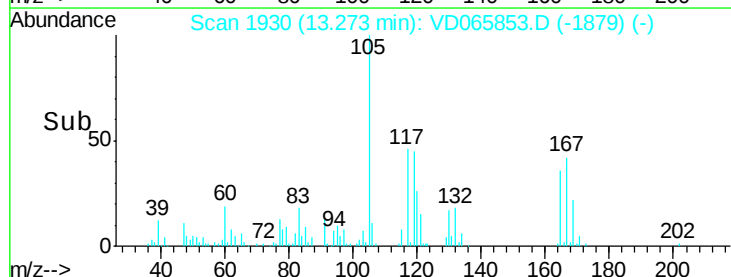
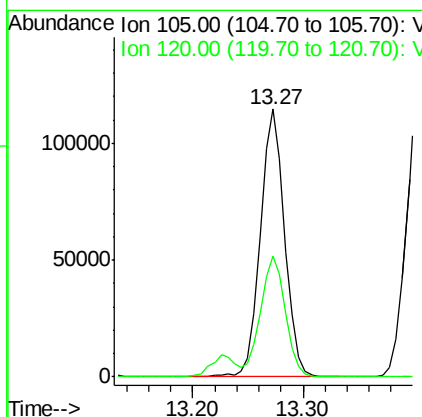
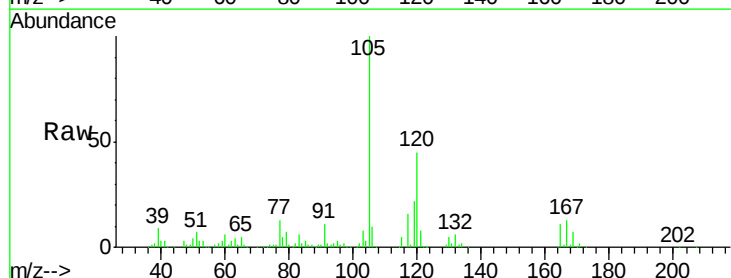
Manual Integrations
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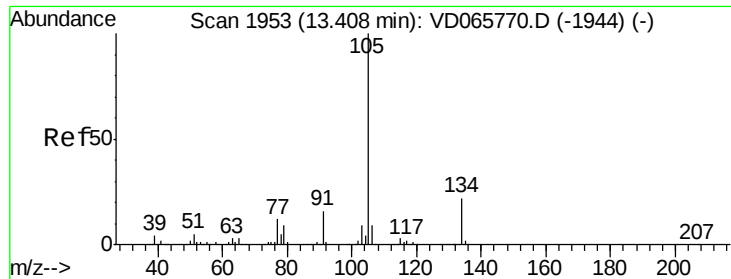
MMDadoda
6/24/2020 10:52:33 AM



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

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





#85

sec-Butylbenzene

Concen: 22.548 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion:105 Resp: 212591

Ion Ratio Lower Upper

105 100

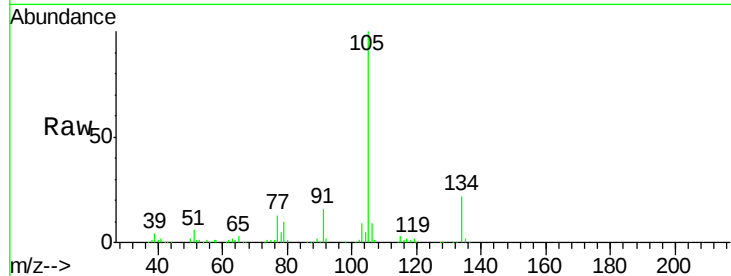
134 20.4 10.4 31.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

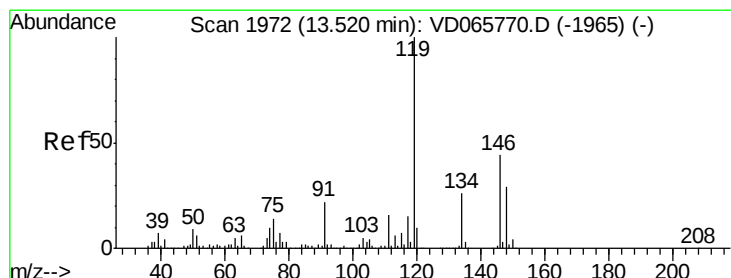
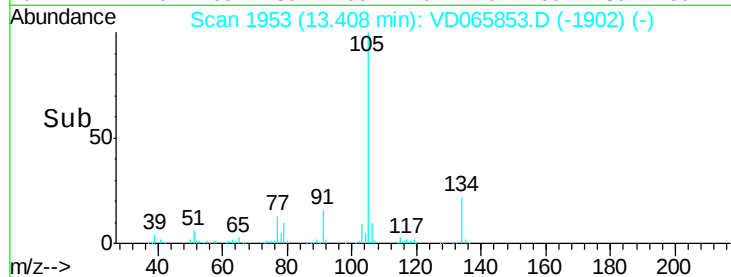
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.542 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

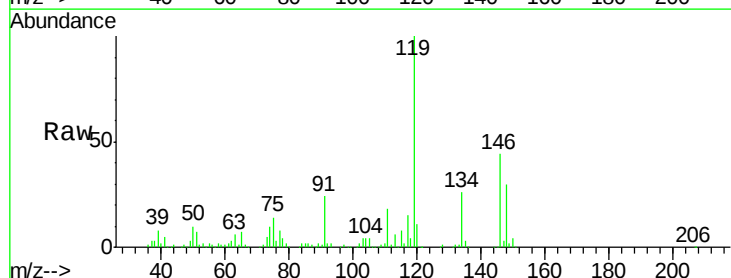
Tgt Ion:119 Resp: 194795

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 23.2 11.8 35.4



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

13.52

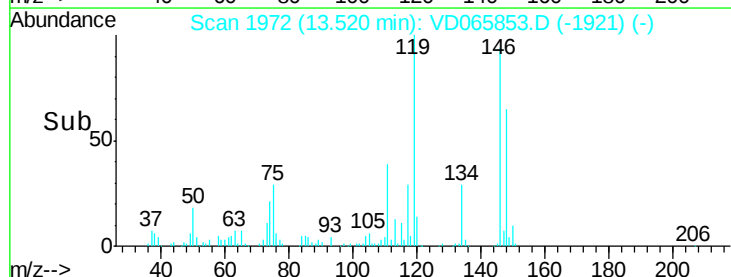
150000

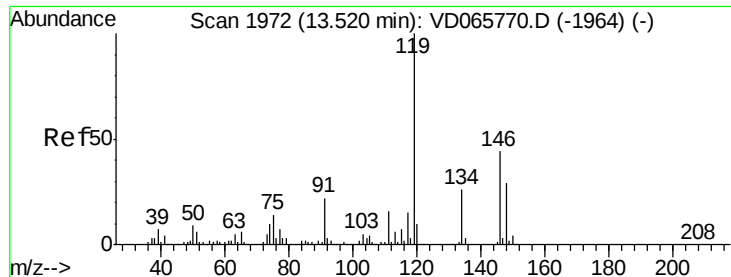
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.702 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Instrument :

MSVOA_D

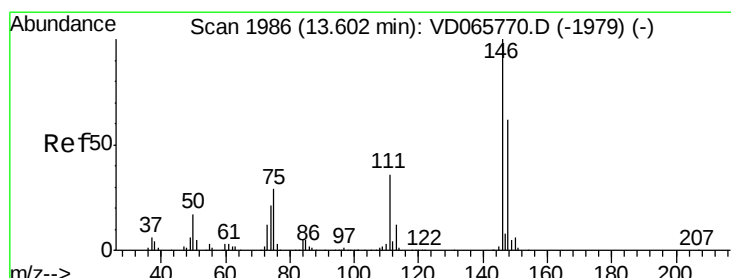
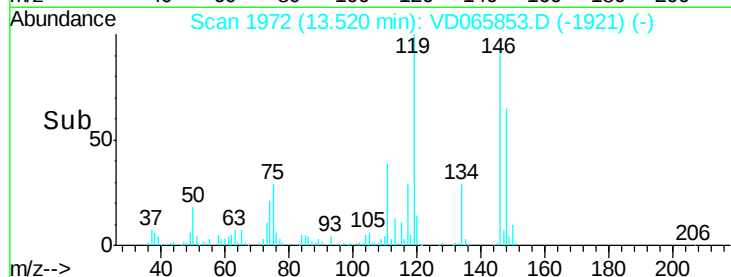
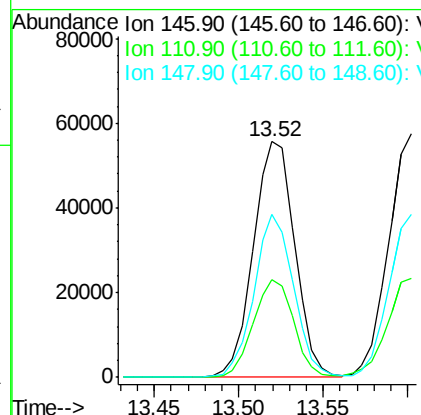
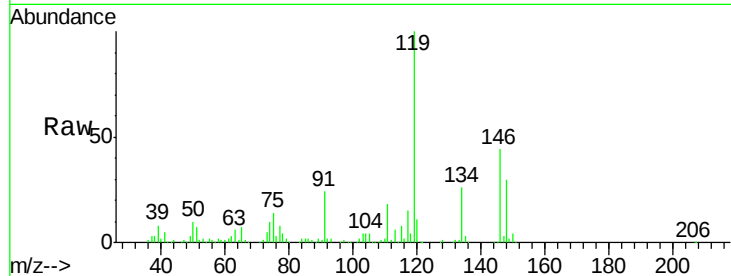
ClientSampleId :

VD0623SBS01

Tot Ion:	146	Resp:	94993
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.2	57.6
148	65.8	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.593 ug/l

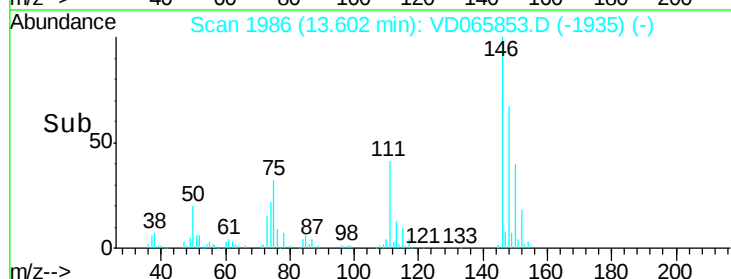
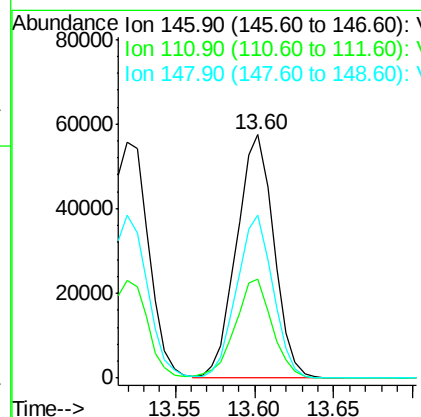
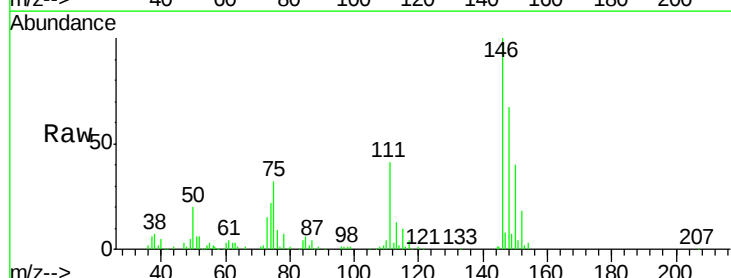
RT: 13.60 min Scan# 1986

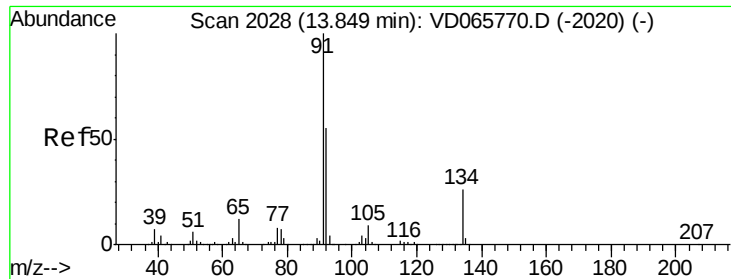
Delta R.T. -0.00 min

Lab File: VD065853.D

Acq: 23 Jun 2020 12:04

Tgt Ion:	146	Resp:	94020
Ion Ratio	Lower	Upper	
146	100		
111	40.6	18.9	56.7
148	65.2	31.6	94.7





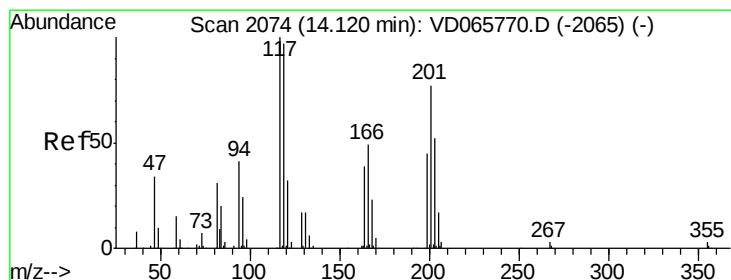
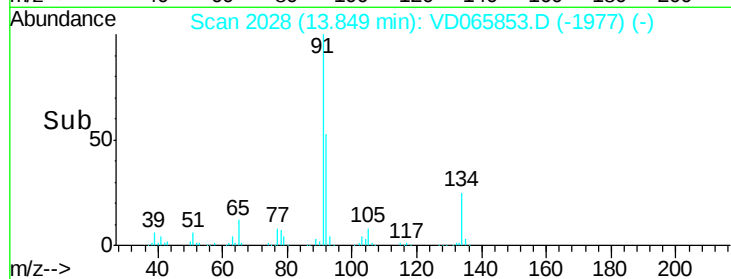
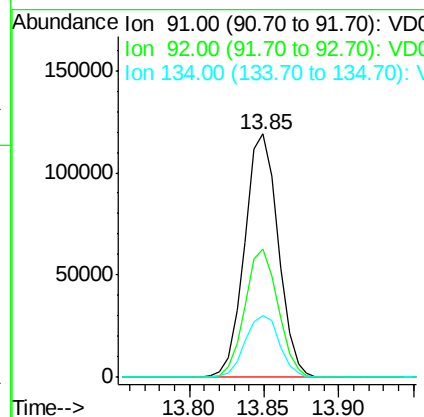
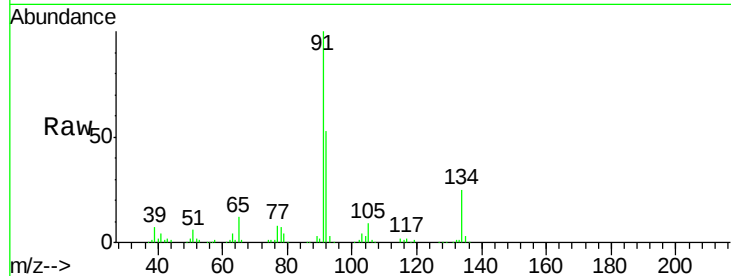
#89
n-Butylbenzene
Concen: 22.478 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

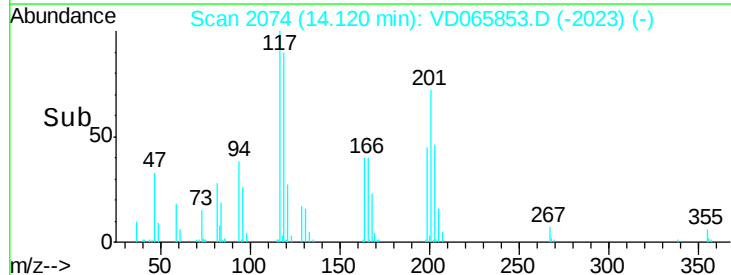
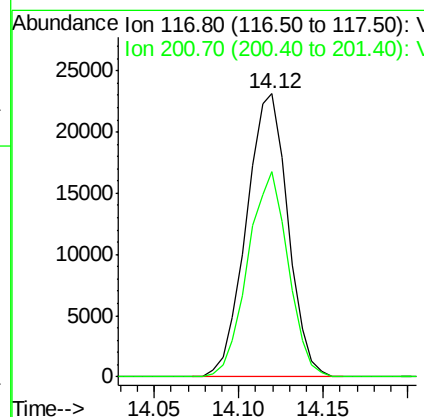
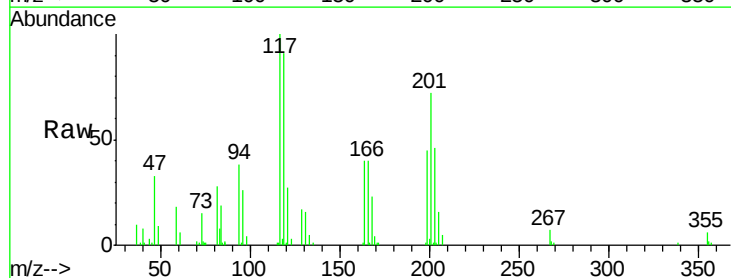
Manual Integrations
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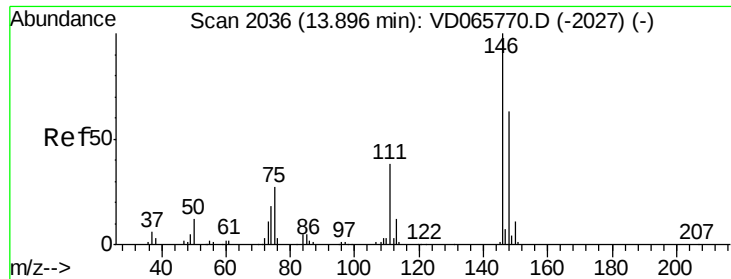
MMDadoda
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#90
Hexachloroethane
Concen: 22.939 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

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





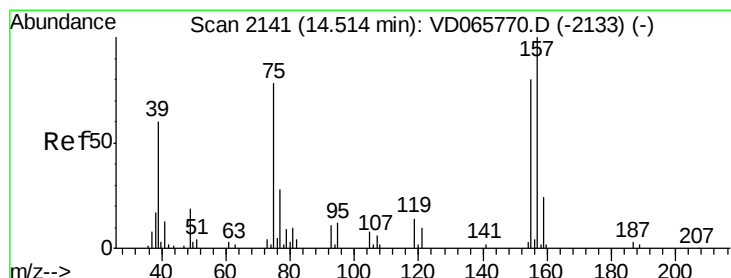
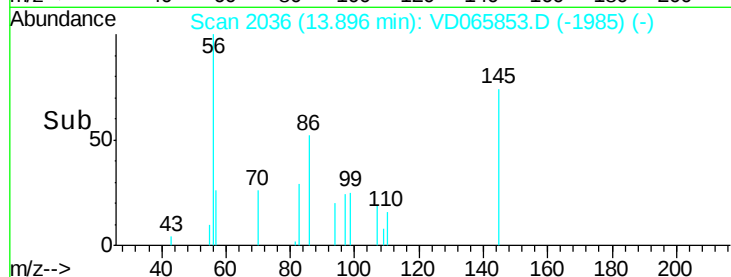
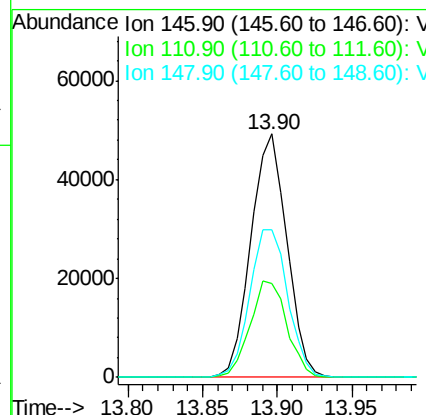
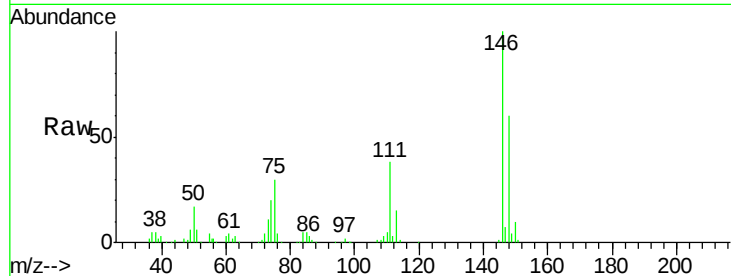
#91
 1,2-Dichlorobenzene
 Concen: 21.724 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

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

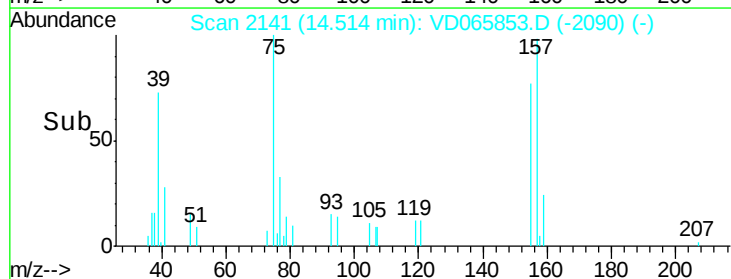
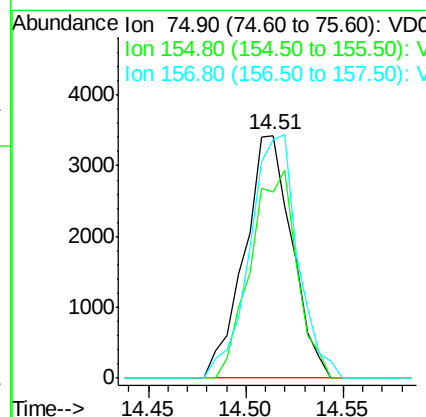
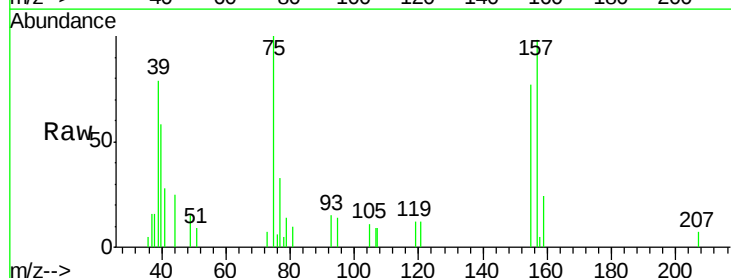
Manual Integrations
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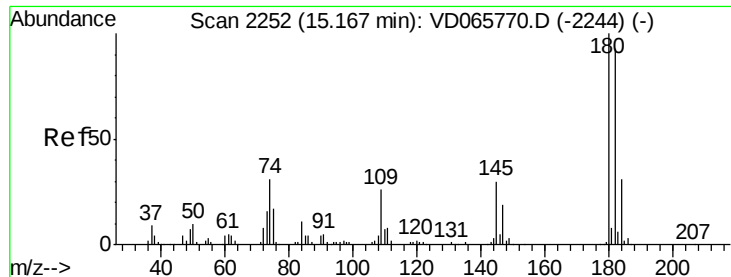
MMDadoda
 6/24/2020 10:52:33 AM



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

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





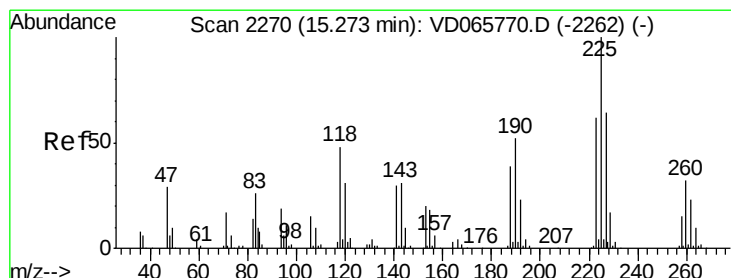
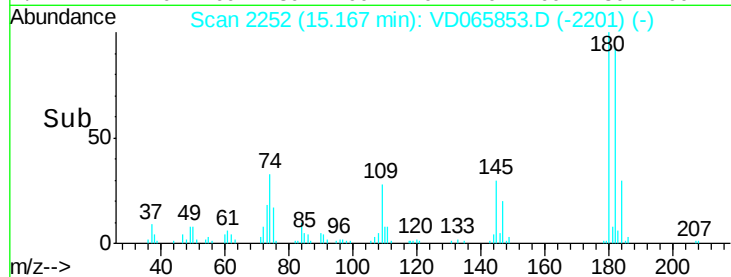
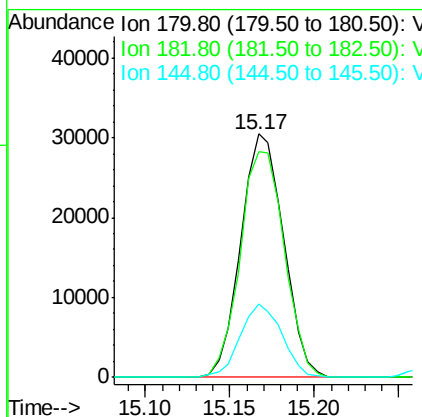
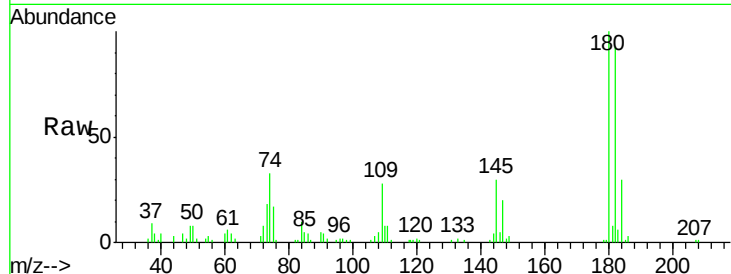
#93
 1,2,4-Trichlorobenzene
 Concen: 20.975 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065853.D
 Acq: 23 Jun 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

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

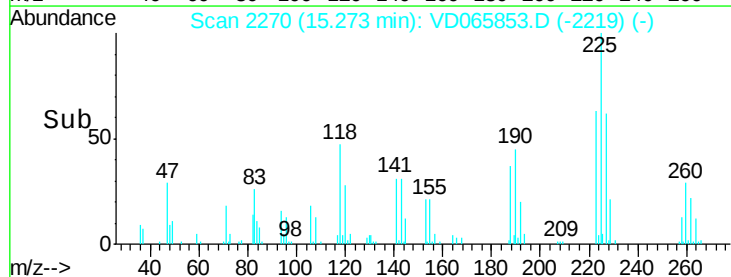
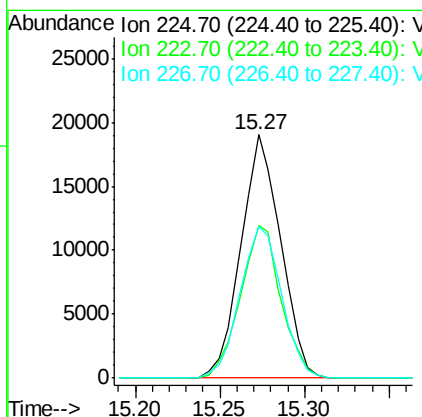
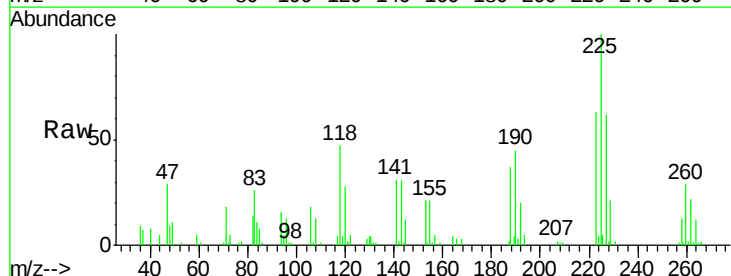
Manual Integrations
 APPROVED

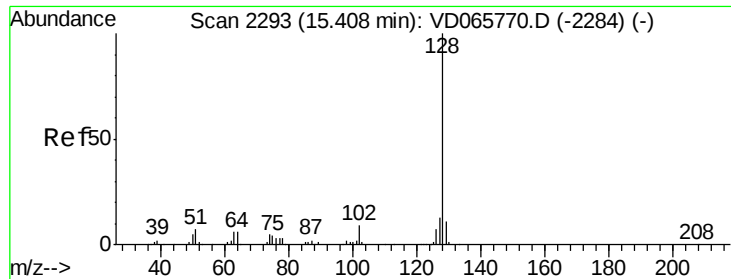
MMDadoda
 6/24/2020 10:52:33 AM



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

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





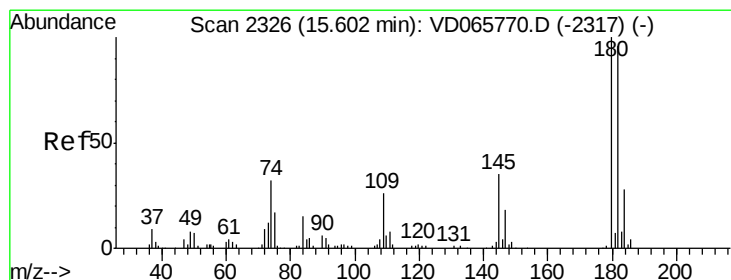
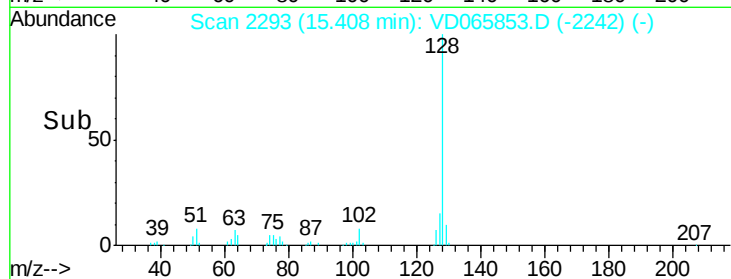
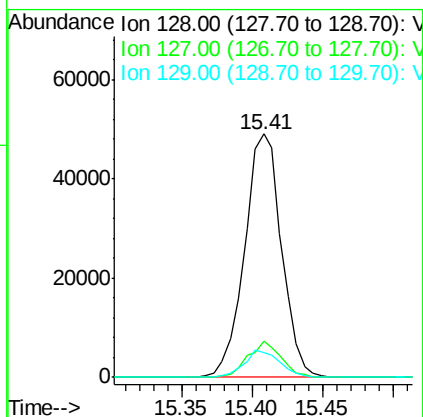
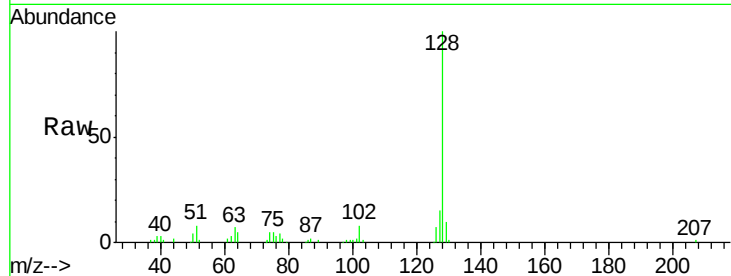
#95
Naphthalene
Concen: 20.717 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065853.D
Acq: 23 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

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

Manual Integrations
APPROVED

MMDadoda
6/24/2020 10:52:33 AM



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

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

