

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014608.D
 Acq On : 10 Jan 2020 19:03
 Operator : SY/VA
 Sample : L1051-11MSD
 Misc : 6.65G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MSD

Manual Integrations
 APPROVED

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 1/13/2020 12:01:47 PM

Quant Time: Jan 13 03:18:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	707194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1071713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	935871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	461780	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	353683	57.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.40%	
35) Dibromofluoromethane	7.88	113	5415	0.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	1.76%	
50) Toluene-d8	10.32	98	1473917	57.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	115.32%	
62) 4-Bromofluorobenzene	12.62	95	510742	58.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	222906	55.825	ug/l	98
3) Chloromethane	2.21	50	252048	51.570	ug/l	98
4) Vinyl Chloride	2.36	62	418673	58.241	ug/l	97
5) Bromomethane	2.78	94	266709	60.059	ug/l	98
6) Chloroethane	2.92	64	252814	61.695	ug/l	99
7) Trichlorofluoromethane	3.25	101	188348	52.367	ug/l	95
8) Diethyl Ether	3.68	74	222295	62.117	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	408537	60.791	ug/l	99
10) Methyl Iodide	4.28	142	611219	60.279	ug/l	99
11) Tert butyl alcohol	5.15	59	126928	267.883	ug/l	99
12) 1,1-Dichloroethene	4.04	96	479169	68.086	ug/l	97
13) Acrolein	3.89	56	19010	35.226	ug/l	95
14) Allyl chloride	4.66	41	636609	59.194	ug/l	99
15) Acrylonitrile	5.36	53	463865	283.574	ug/l	99
16) Acetone	4.12	43	527671	302.234	ug/l	100
17) Carbon Disulfide	4.38	76	1192378	56.214	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	576060	65.941	ug/l	99
20) Methylene Chloride	4.92	84	471473	68.431	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	452759	60.588	ug/l	97
22) Diisopropyl ether	6.31	45	1252535	62.223	ug/l	96
24) 1,1-Dichloroethane	6.21	63	783092	61.672	ug/l	99
25) 2-Butanone	7.16	43	651977	290.988	ug/l	100
26) 2,2-Dichloropropane	7.16	77	397664	56.567	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	495008	63.042	ug/l	99
28) Bromochloromethane	7.51	49	284468	57.144	ug/l	100
29) Tetrahydrofuran	7.52	42	389172	280.374	ug/l	99
30) Chloroform	7.67	83	753220	63.434	ug/l	100
31) Cyclohexane	7.95	56	742348	56.256	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	590993	61.885	ug/l	99
36) 1,1-Dichloropropene	8.08	75	617693	59.785	ug/l	100
38) Carbon Tetrachloride	8.07	117	538839	60.115	ug/l	99
39) Methylcyclohexane	9.33	83	778581	58.721	ug/l	98
40) Benzene	8.32	78	1803547	61.697	ug/l	99
41) Methacrylonitrile	7.48	41	144493	55.318	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	8.40	62	460483	60.701	ug/l	100
43) Isopropyl Acetate	8.42	43	146690	17.240	ug/l #	61
44) Trichloroethene	9.09	130	892275	112.803	ug/l	95
45) 1,2-Dichloropropane	9.37	63	447853	62.433	ug/l	99
46) Dibromomethane	9.46	93	213063	60.166	ug/l	99
47) Bromodichloromethane	9.64	83	535450	61.244	ug/l	100
48) Methyl methacrylate	9.43	41	11378m	2.739	ug/l	
49) 1,4-Dioxane	9.44	88	65215	984.620	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	1311552	296.819	ug/l	99
52) Toluene	10.38	92	1153668	62.732	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	557516	61.588	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	683489	61.779	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	272728	52.733	ug/l	98
56) Ethyl methacrylate	10.64	69	90977	13.535	ug/l #	85
57) 1,3-Dichloropropane	10.93	76	556038	61.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	640671	313.408	ug/l	99
59) 2-Hexanone	10.96	43	950037	312.013	ug/l	99
60) Dibromochloromethane	11.13	129	358854	61.495	ug/l	100
61) 1,2-Dibromoethane	11.23	107	295349	60.161	ug/l	100
64) Tetrachloroethene	10.86	164	736524	108.706	ug/l	97
65) Chlorobenzene	11.65	112	1184866	61.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	401875	62.253	ug/l	99
67) Ethyl Benzene	11.72	91	2136736	61.840	ug/l	98
68) m/p-Xylenes	11.83	106	1632572	123.453	ug/l	99
69) o-Xylene	12.16	106	771279	63.140	ug/l	100
70) Styrene	12.18	104	1318770	63.828	ug/l	100
71) Bromoform	12.35	173	211796	60.149	ug/l #	99
73) Isopropylbenzene	12.46	105	2089104	61.656	ug/l	100
74) N-amyl acetate	12.27	43	14910	1.963	ug/l	92
76) 1,2,3-Trichloropropane	12.76	75	265612m	60.836	ug/l	
77) Bromobenzene	12.74	156	493999	62.773	ug/l	98
78) n-propylbenzene	12.80	91	2445526	61.379	ug/l	100
79) 2-Chlorotoluene	12.89	91	1400539	61.769	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1751511	61.566	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	109352	55.803	ug/l	98
82) 4-Chlorotoluene	12.99	91	1440812	61.164	ug/l	100
83) tert-Butylbenzene	13.20	119	1511685	60.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1754730	61.980	ug/l	100
85) sec-Butylbenzene	13.38	105	2123579	61.593	ug/l	100
86) p-Isopropyltoluene	13.49	119	1950775	62.075	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	946279	61.836	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	934160	61.833	ug/l	100
89) n-Butylbenzene	13.82	91	1785551	61.184	ug/l	100
90) Hexachloroethane	14.09	117	332178	60.507	ug/l	100
91) 1,2-Dichlorobenzene	13.86	146	850276	63.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	49015	50.610	ug/l	98
93) 1,2,4-Trichlorobenzene	15.13	180	601318	66.203	ug/l	100
94) Hexachlorobutadiene	15.23	225	337570	55.459	ug/l	99
95) Naphthalene	15.36	128	1075840	69.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	520704	65.769	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

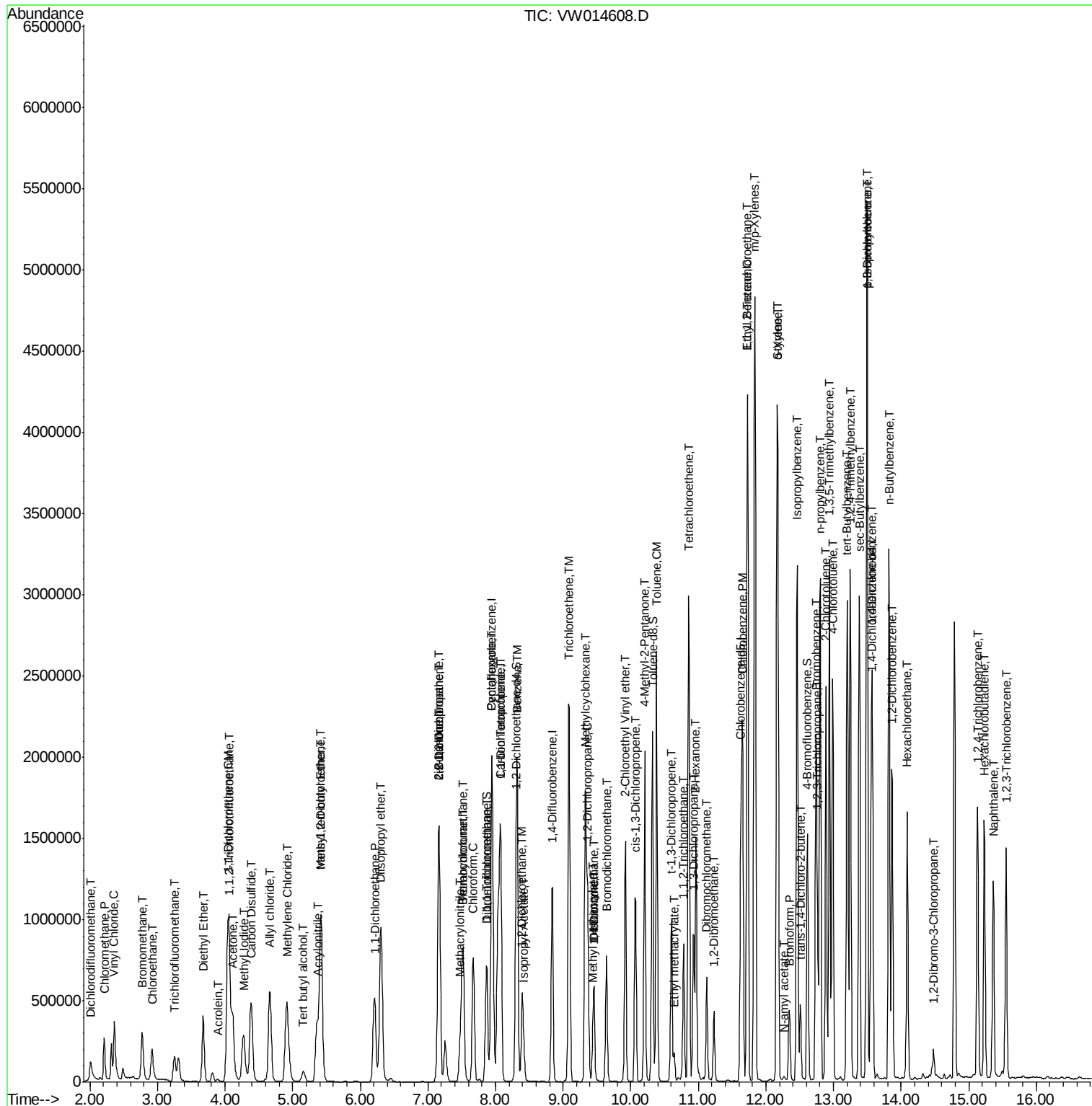
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011020\
Data File : VW014608.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:168 Resp: 707194

Ion Ratio Lower Upper

168 100

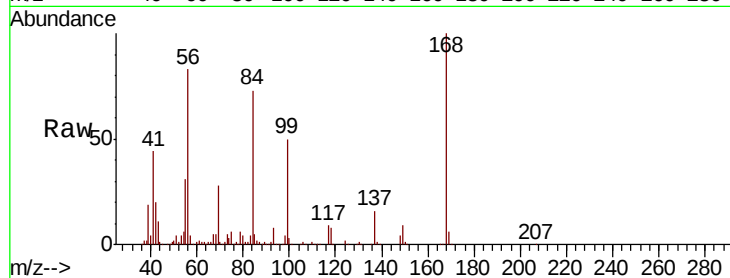
99 49.6 41.1 61.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

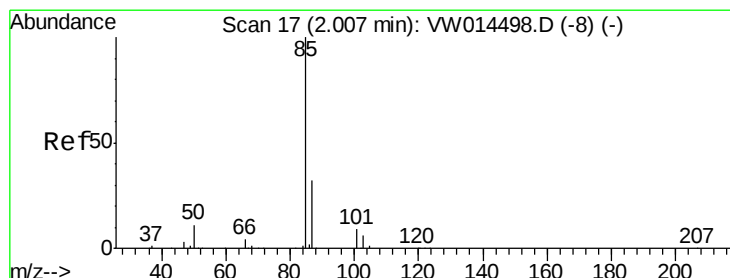
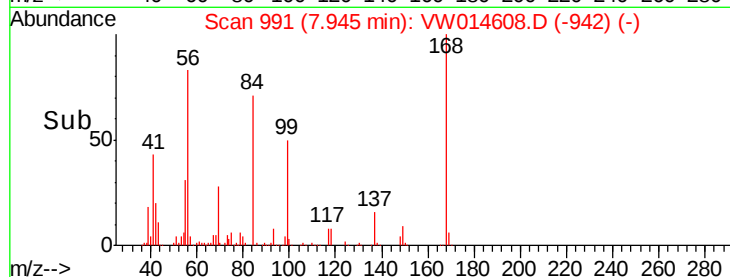
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.825 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014608.D

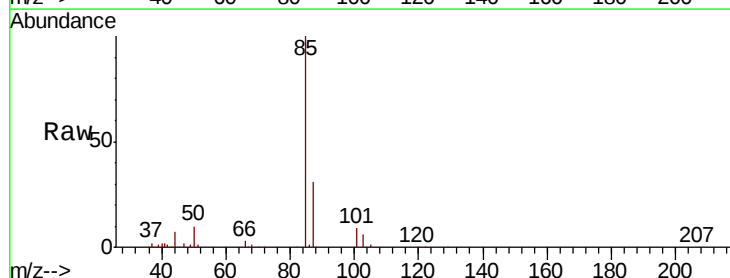
Acq: 10 Jan 2020 19:03

Tgt Ion: 85 Resp: 222906

Ion Ratio Lower Upper

85 100

87 30.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

80000

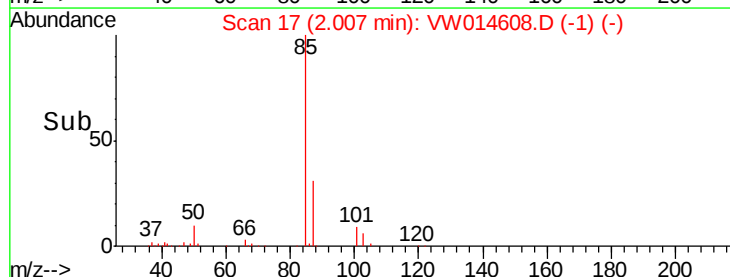
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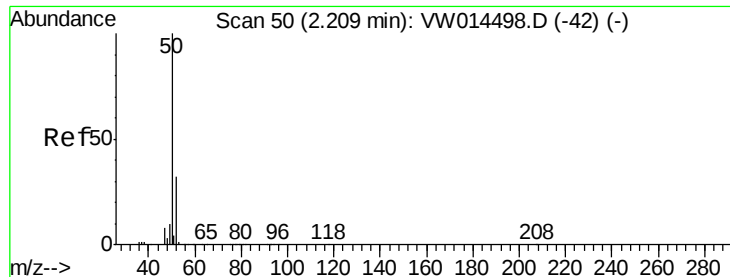
40000

20000

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Time-->





#3

Chloromethane

Concen: 51.570 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion: 50 Resp: 252048

Ion Ratio Lower Upper

50 100

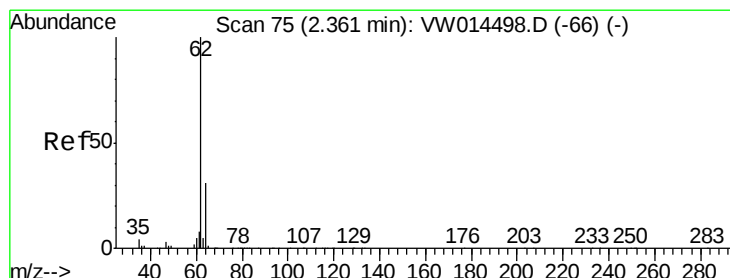
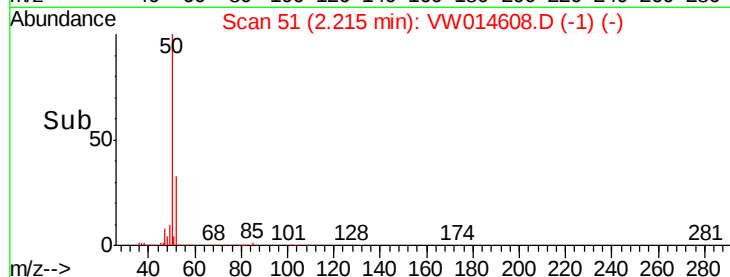
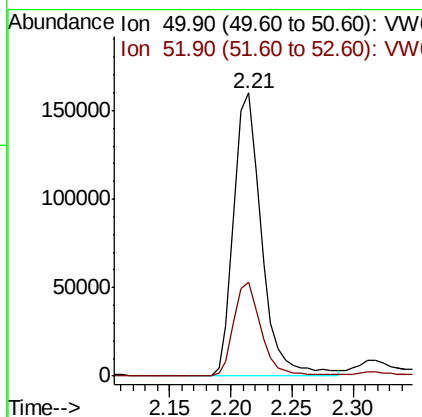
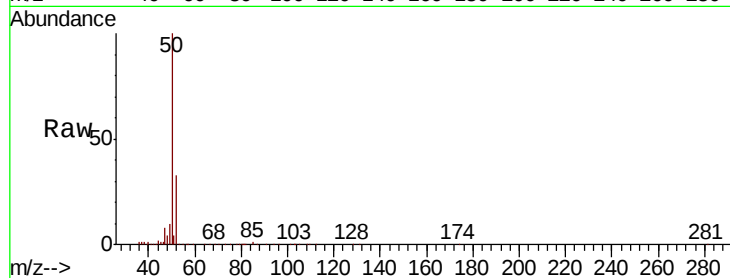
52 33.5 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 58.241 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014608.D

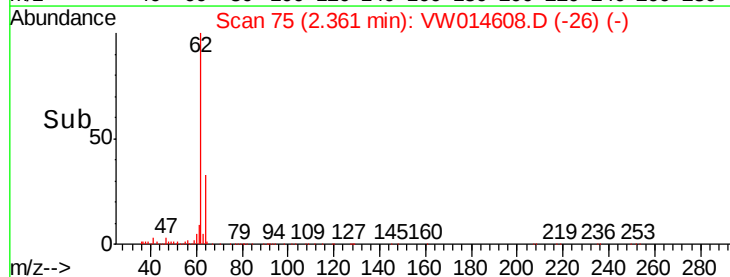
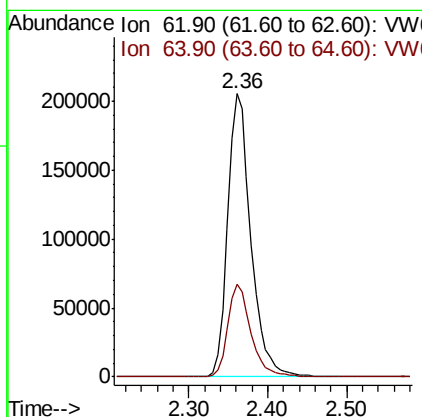
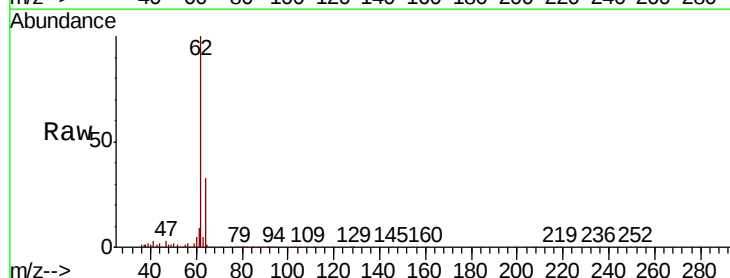
Acq: 10 Jan 2020 19:03

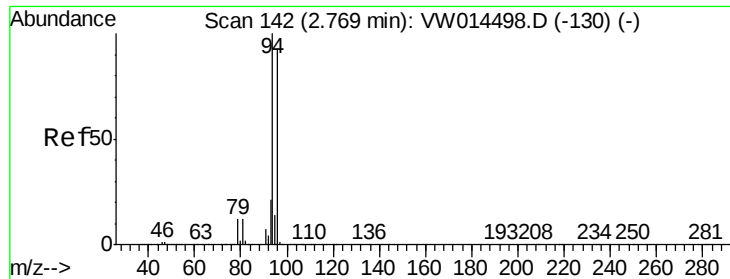
Tgt Ion: 62 Resp: 418673

Ion Ratio Lower Upper

62 100

64 32.7 25.0 37.4





#5

Bromomethane

Concen: 60.059 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

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SB-3H-(8.5-10.5)MSD

Tot Ion: 94 Resp: 266709

Ion Ratio Lower Upper

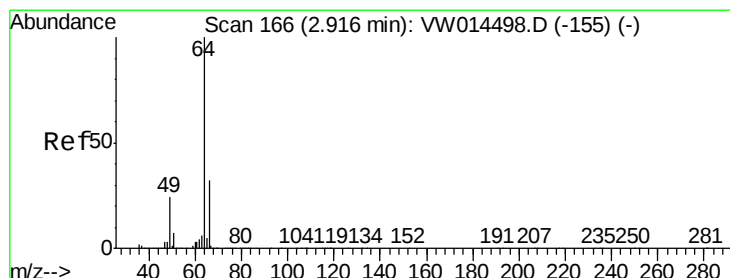
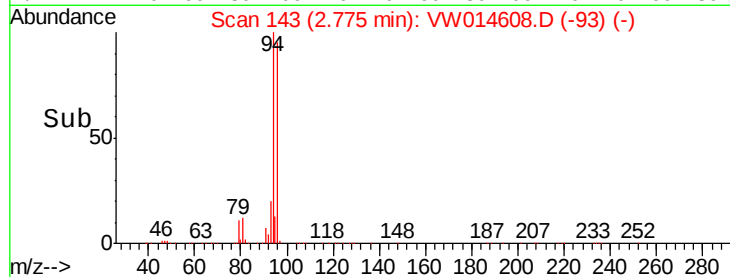
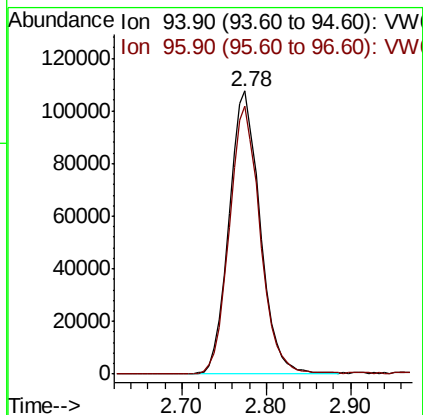
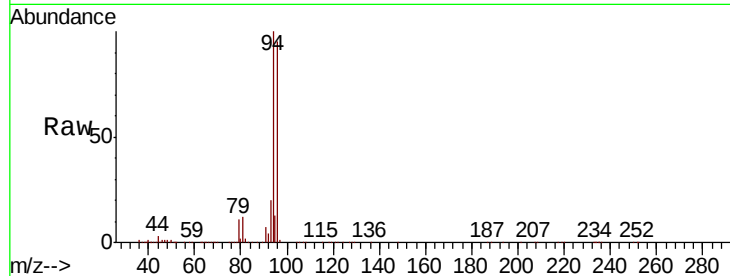
94 100

96 94.7 74.2 111.2

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#6

Chloroethane

Concen: 61.695 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW014608.D

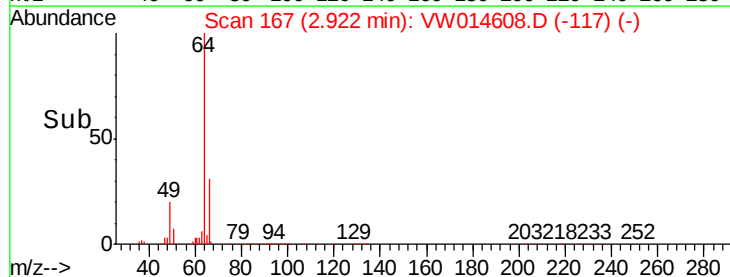
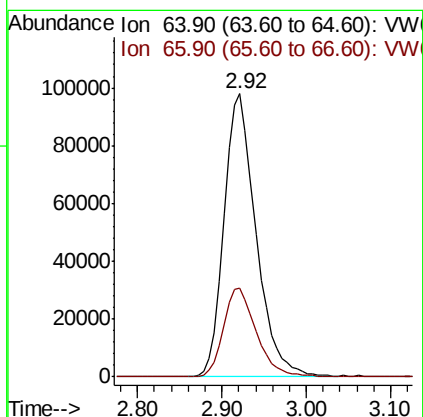
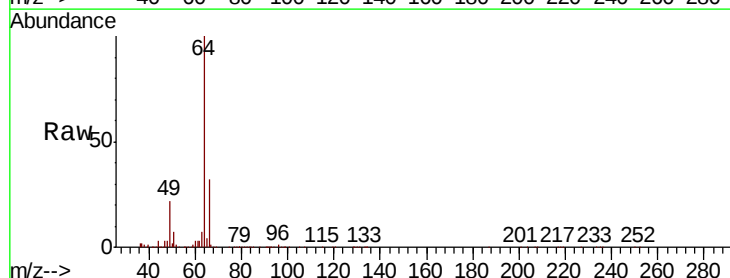
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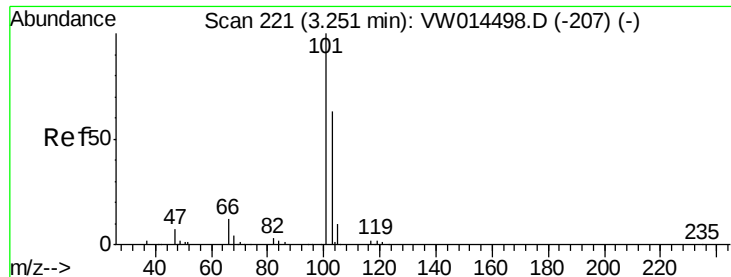
Tgt Ion: 64 Resp: 252814

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5





#7

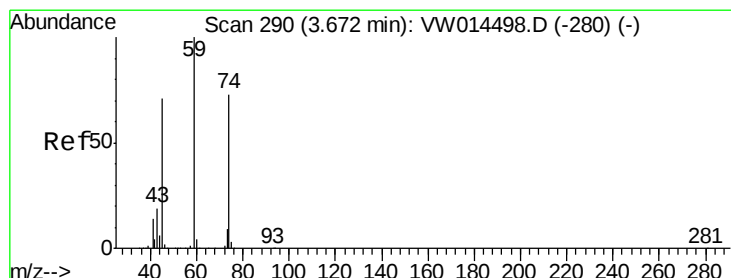
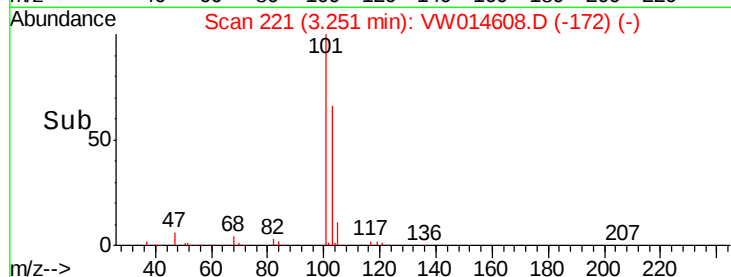
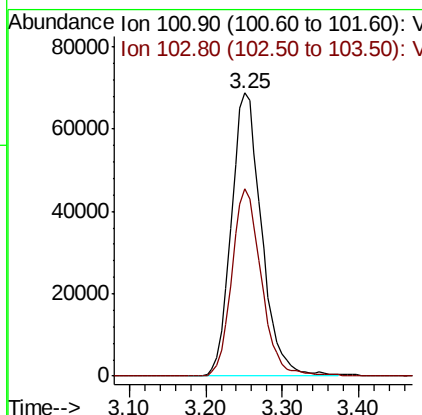
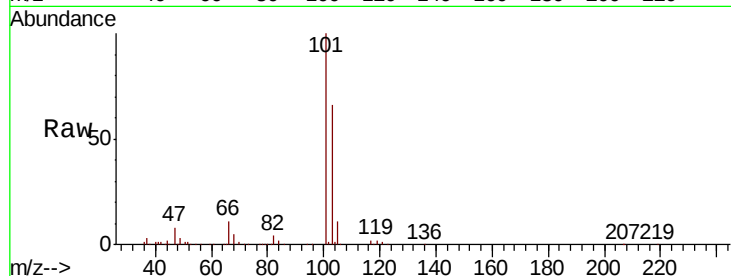
Trichlorofluoromethane
Concen: 52.367 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	188348		
103	66.3	50.1	75.1	

Manual Integrations
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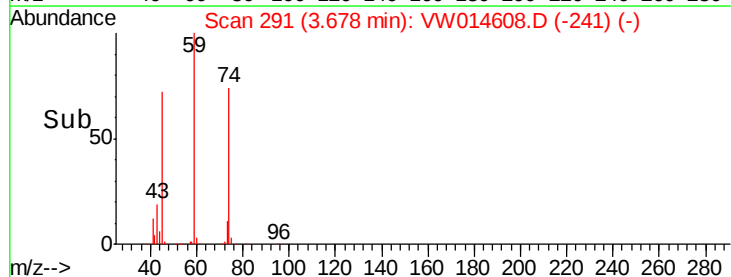
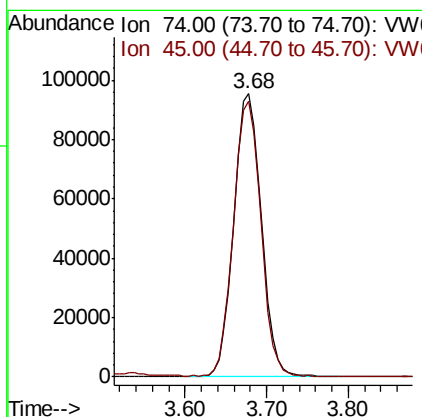
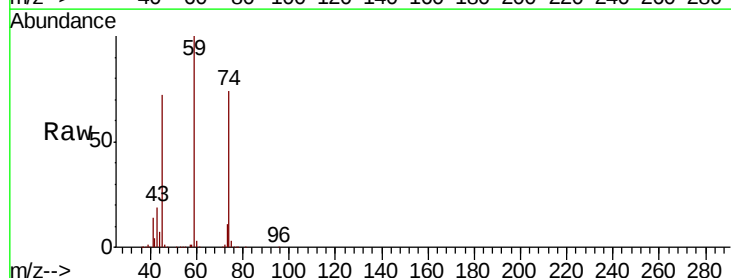
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#8

Diethyl Ether
Concen: 62.117 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	222295		
45	96.7	48.6	145.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 60.791 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

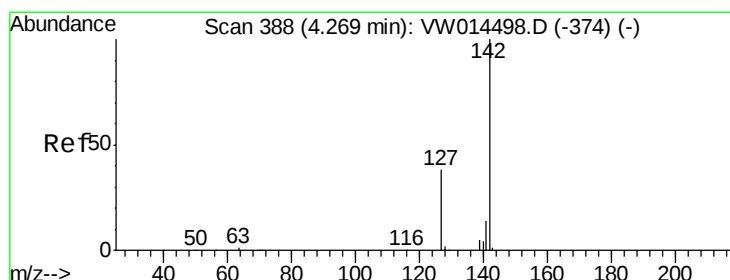
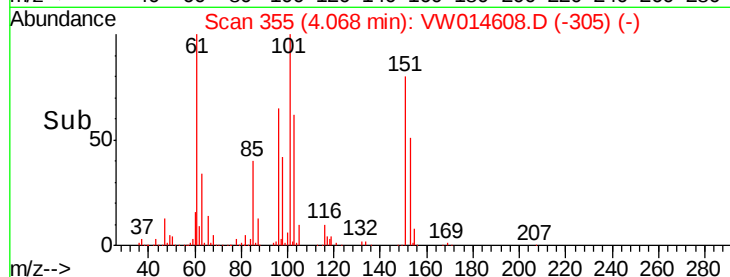
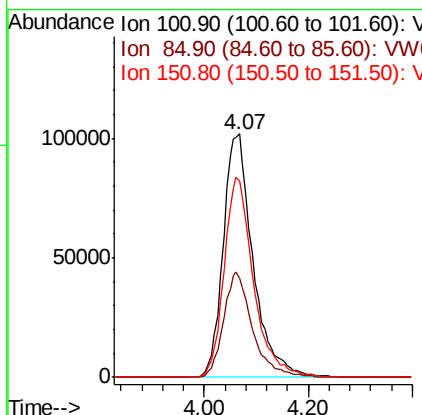
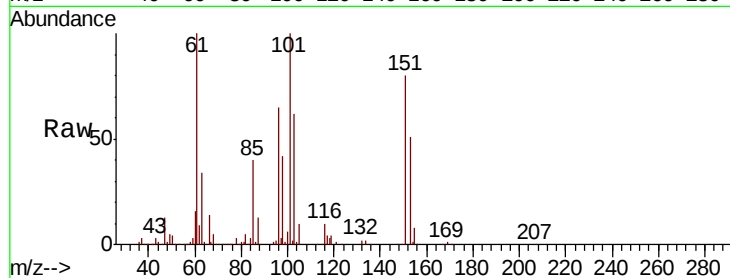
ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:	101	Resp:	408537
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	81.1	63.5	95.3

Manual Integrations
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#10

Methyl Iodide

Concen: 60.279 ug/l

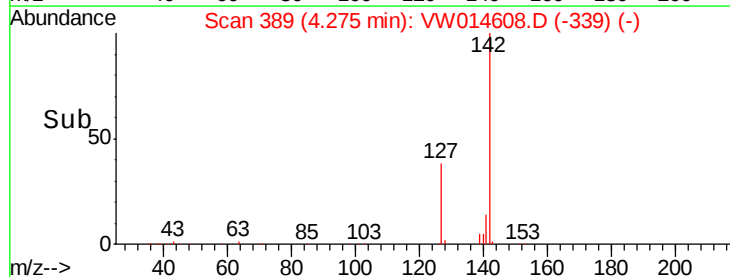
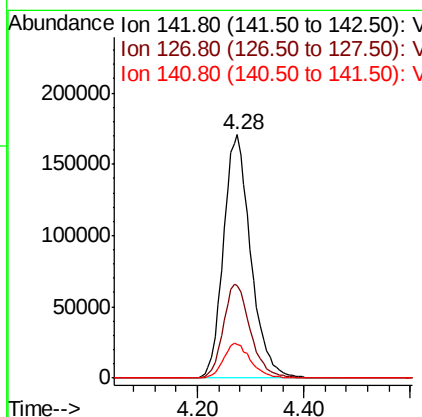
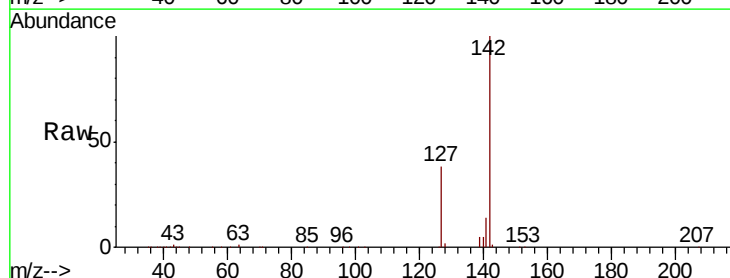
RT: 4.28 min Scan# 389

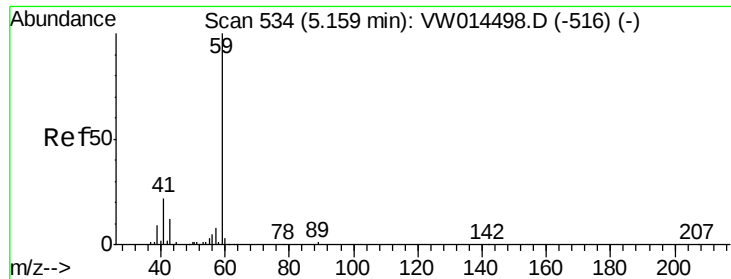
Delta R.T. 0.01 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Tgt Ion:	142	Resp:	611219
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.2	45.4
141	14.1	11.4	17.2





#11

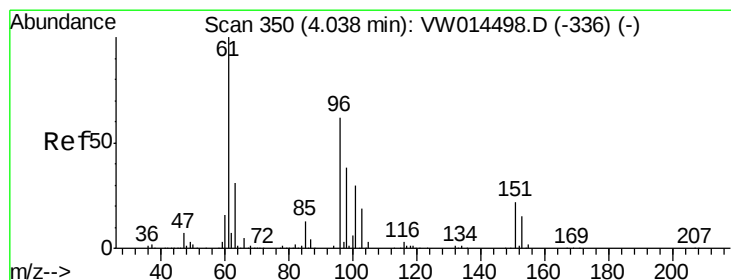
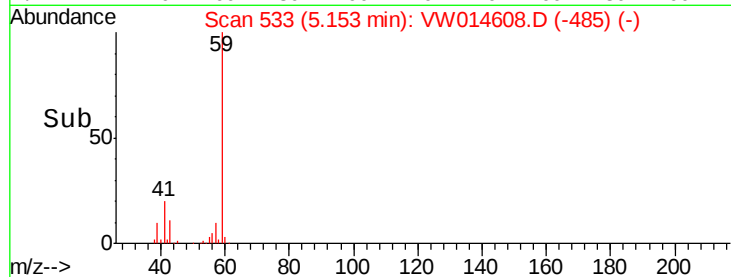
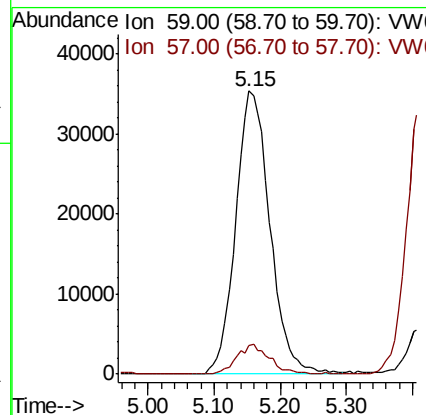
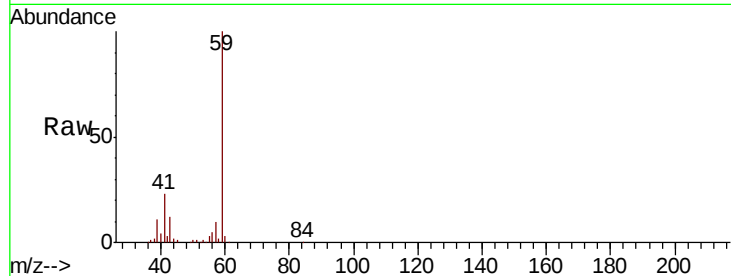
Tert butyl alcohol
Concen: 267.883 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8

Manual Integrations
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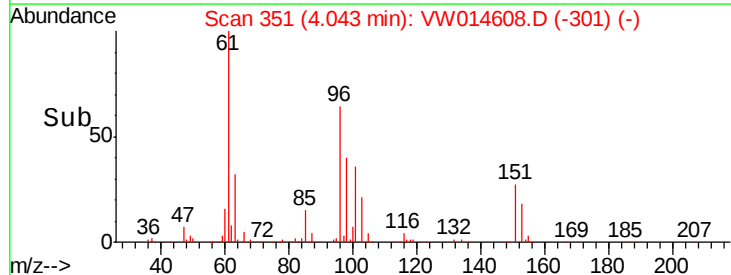
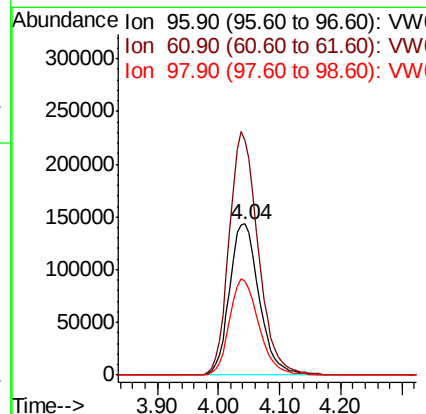
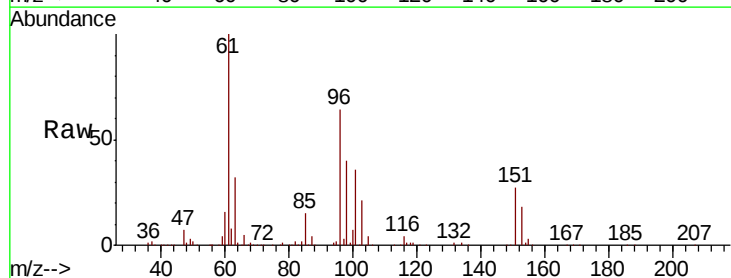
MMDadoda
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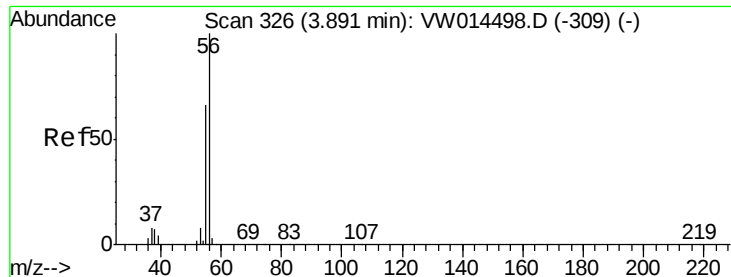


#12

1,1-Dichloroethene
Concen: 68.086 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	128.4	192.6
98	62.2	49.1	73.7





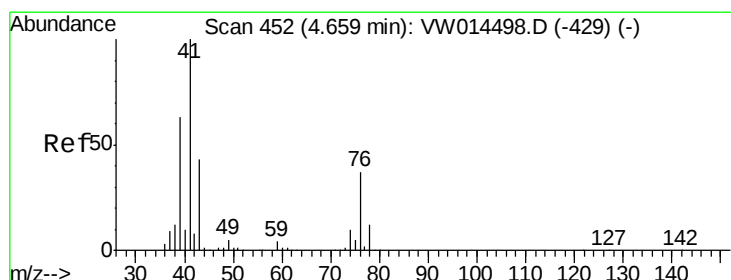
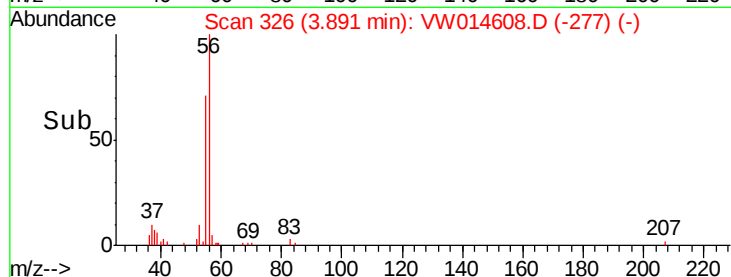
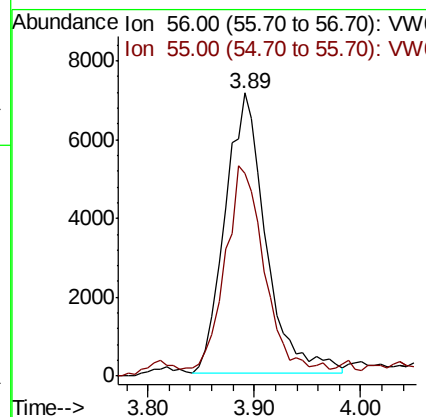
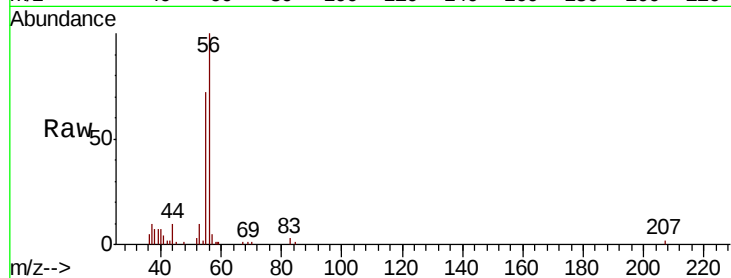
#13
Acrolein
Concen: 35.226 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	56	Resp	19010
Ion Ratio	100	Lower	Upper
56	100		
55	75.1	56.7	85.1

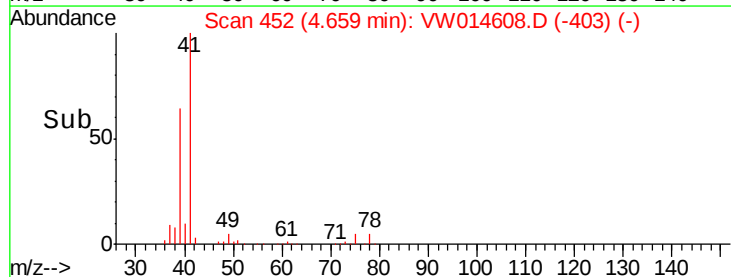
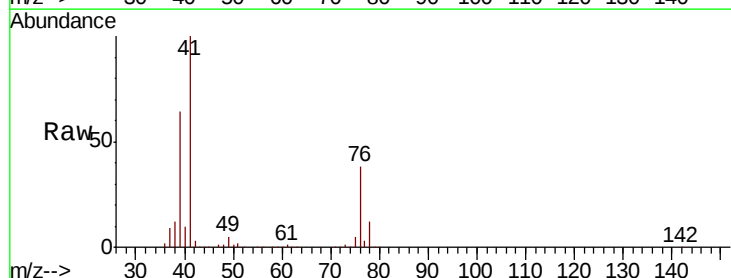
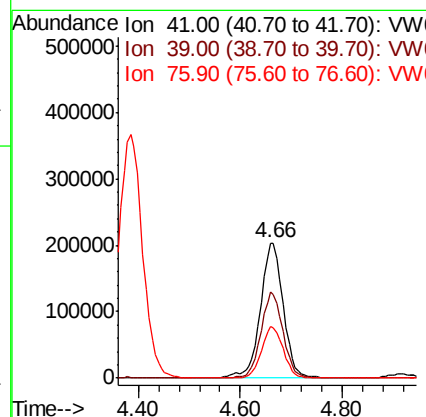
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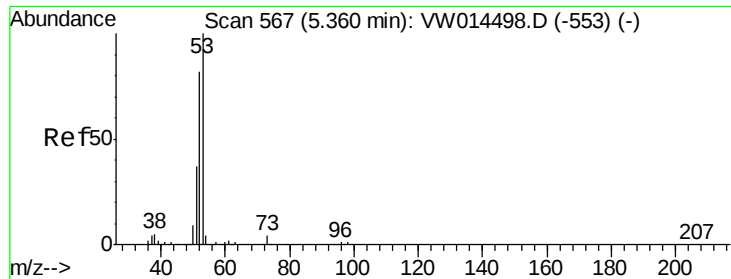
MMDadoda
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#14
Allyl chloride
Concen: 59.194 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	41	Resp	636609
Ion Ratio	100	Lower	Upper
41	100		
39	60.9	48.5	72.7
76	36.3	28.1	42.1





#15

Acrylonitrile

Concen: 283.574 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

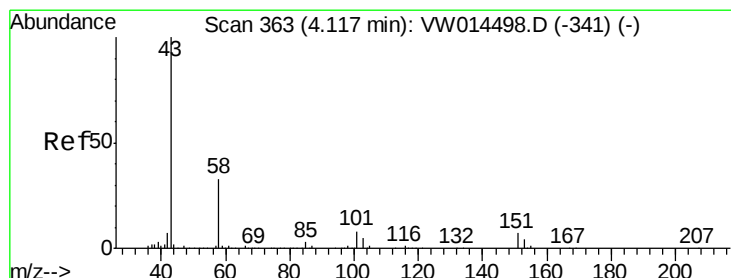
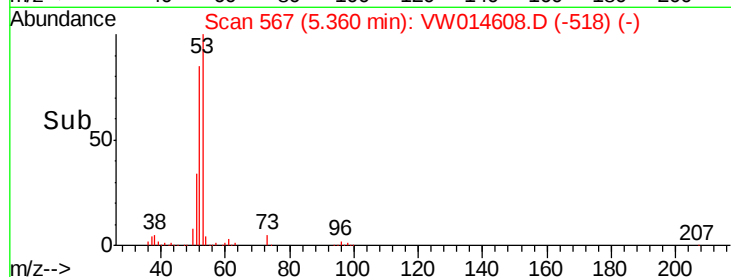
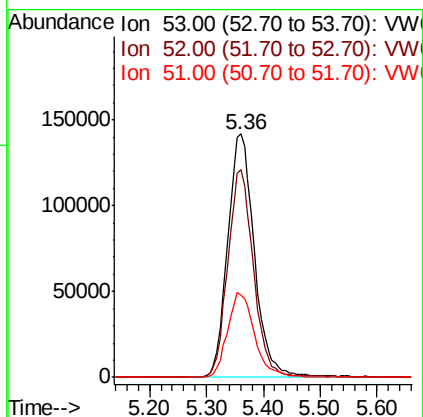
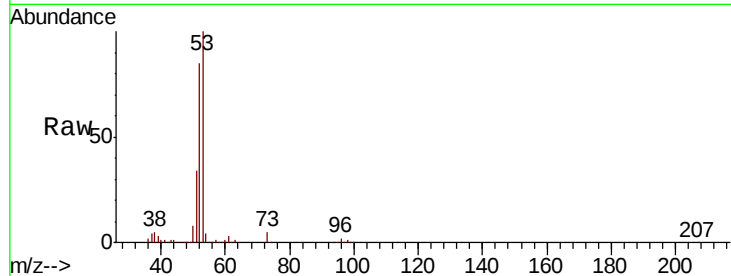
ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:	53	Resp:	463865
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.5	99.7
51	35.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 302.234 ug/l

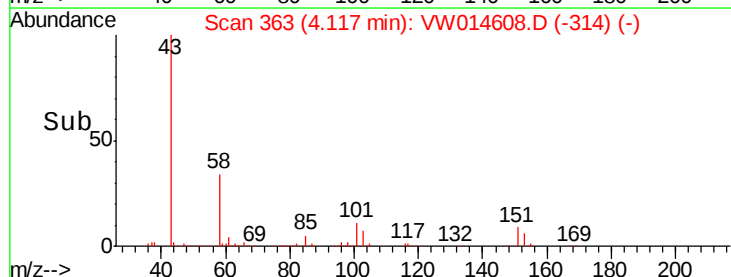
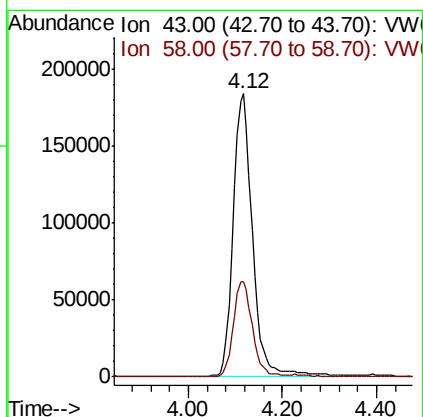
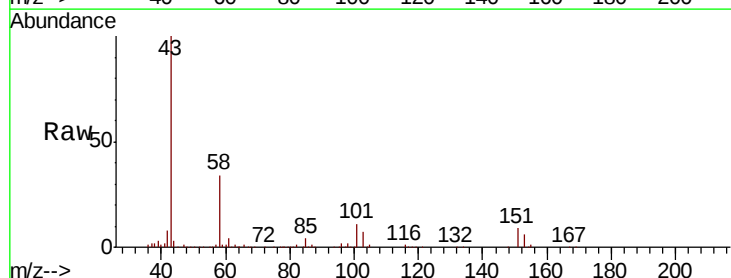
RT: 4.12 min Scan# 363

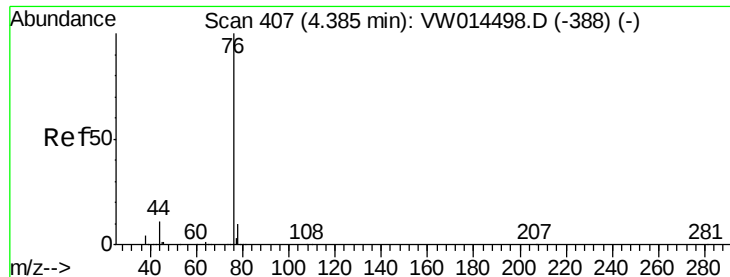
Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Tgt Ion:	43	Resp:	527671
Ion Ratio	Lower	Upper	
43	100		
58	33.4	26.6	39.8





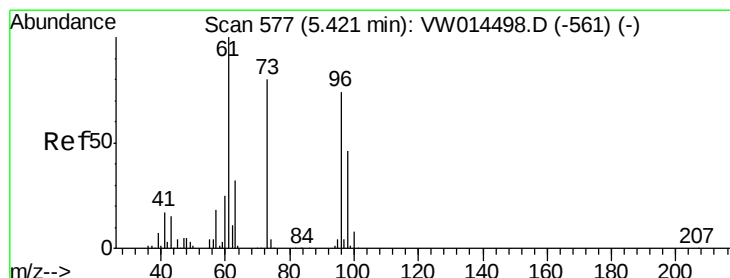
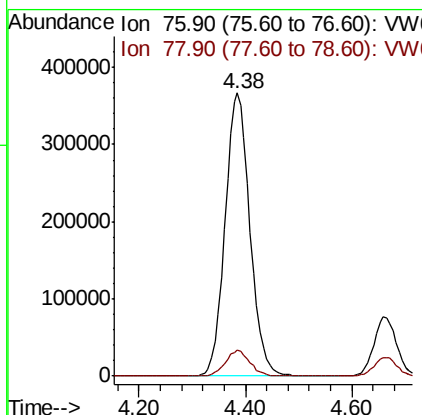
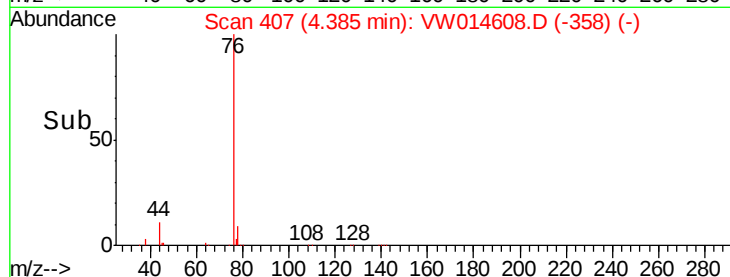
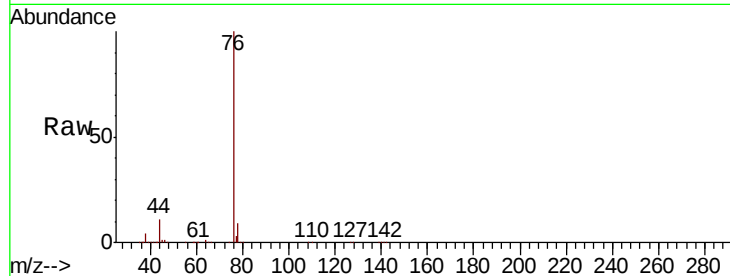
#17
Carbon Disulfide
Concen: 56.214 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion: 76 Resp: 1192378
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6

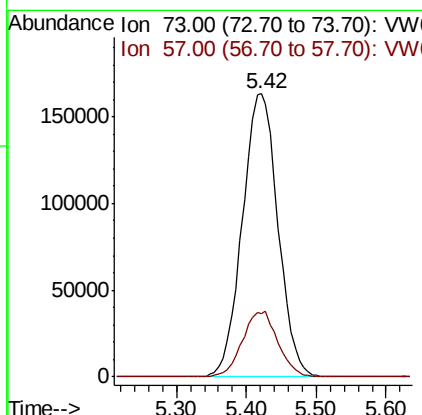
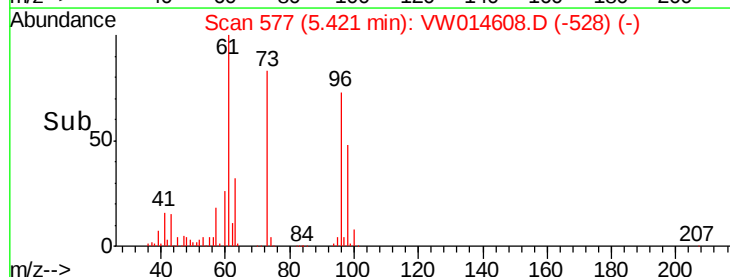
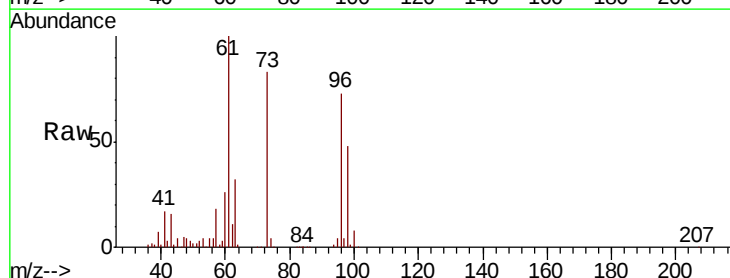
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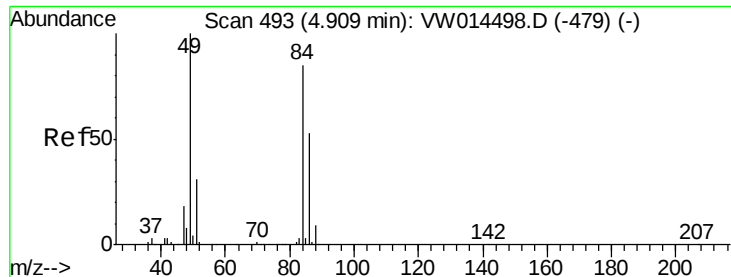
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#19
Methyl tert-butyl Ether
Concen: 65.941 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion: 73 Resp: 576060
Ion Ratio Lower Upper
73 100
57 22.1 18.1 27.1





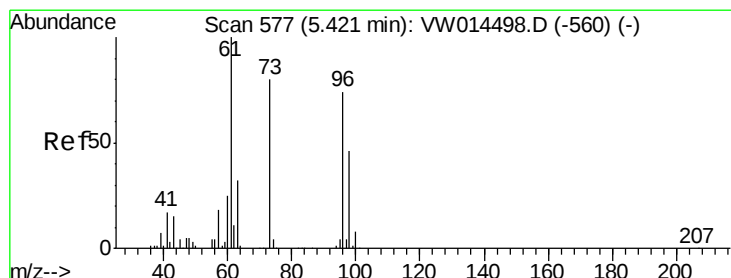
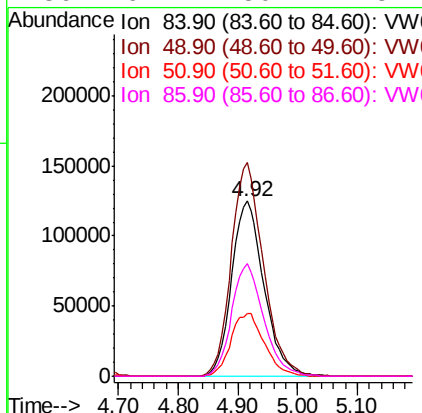
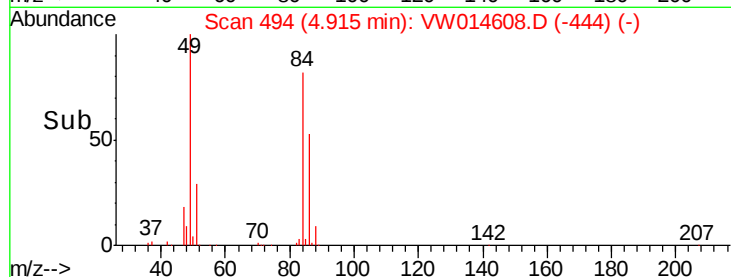
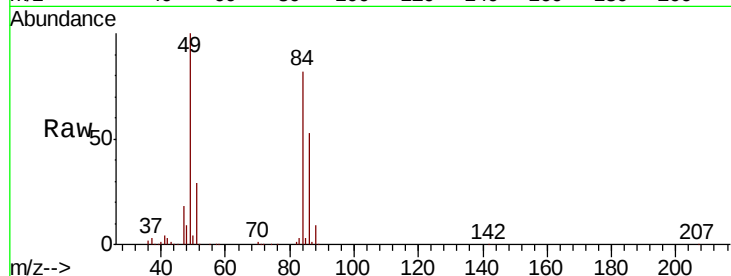
#20
Methvlene Chloride
Concen: 68.431 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
84	100		
49	121.8	94.4	141.6
51	35.6	29.5	44.3
86	64.1	50.2	75.2

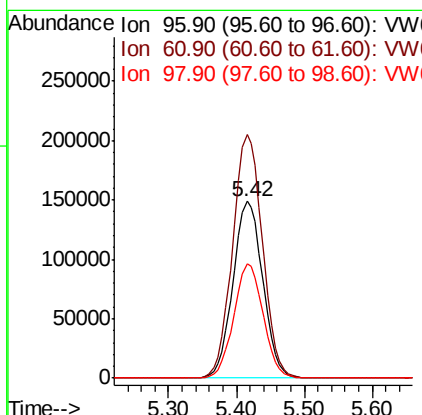
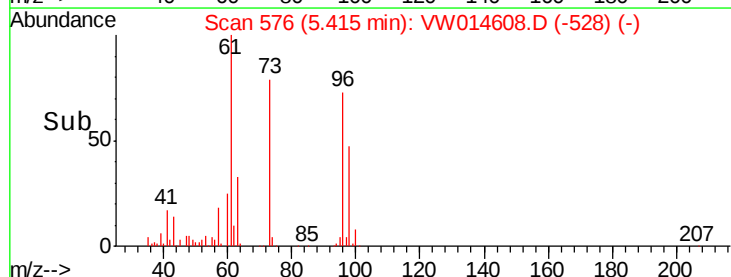
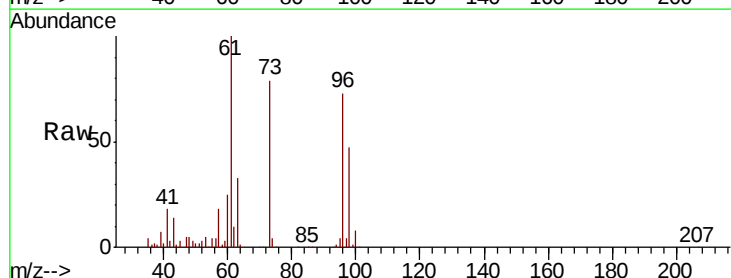
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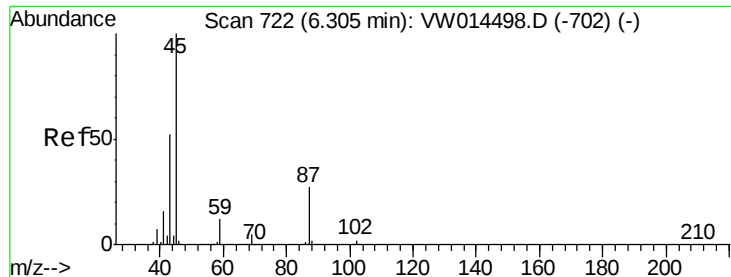
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#21
trans-1,2-Dichloroethene
Concen: 60.588 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.6	107.8	161.6
98	64.3	49.4	74.0





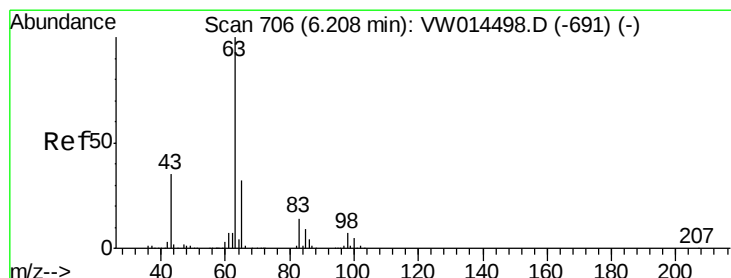
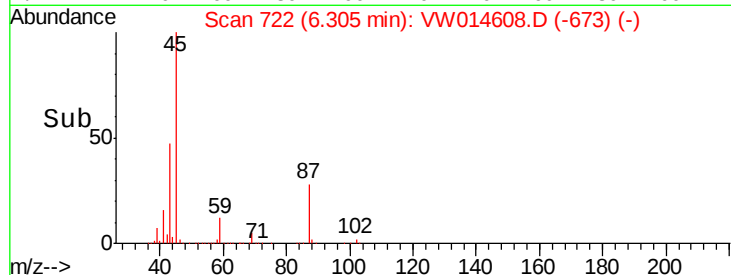
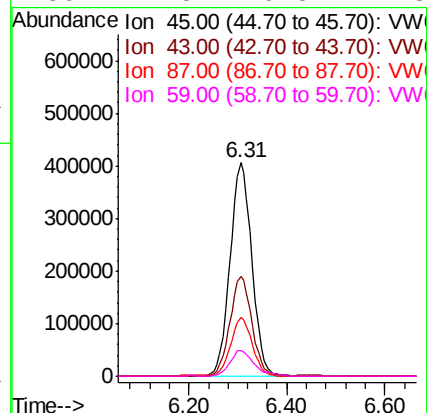
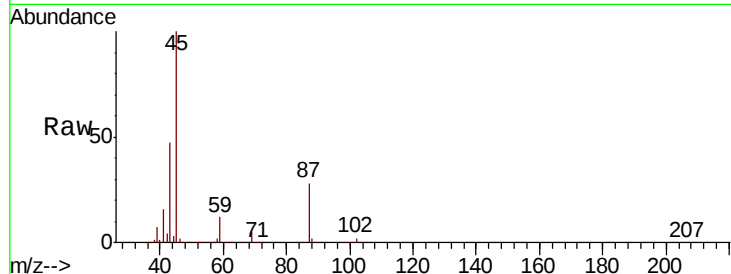
#22
Diisopropyl ether
Concen: 62.223 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	46.5	41.4	62.0	
87	27.6	22.2	33.2	
59	11.8	9.5	14.3	

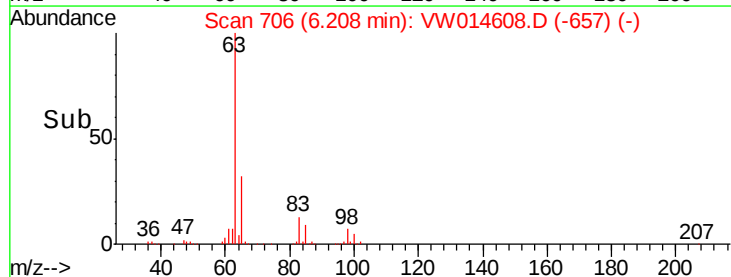
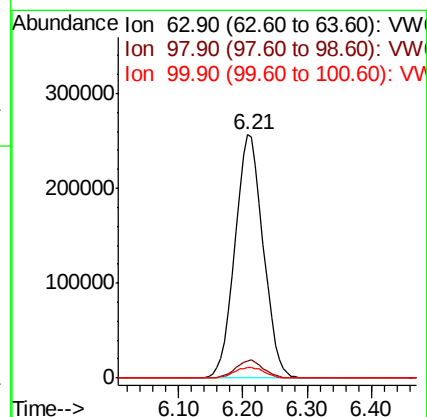
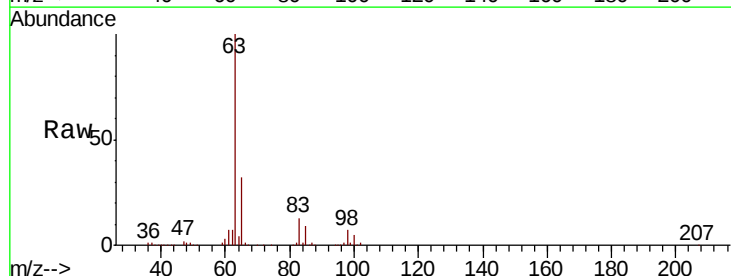
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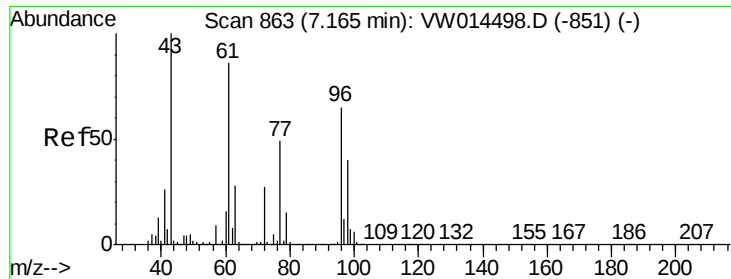
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#24
1,1-Dichloroethane
Concen: 61.672 ug/l
RT: 6.21 min Scan# 706
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
63	100			
98	7.1	3.5	10.4	
100	4.6	2.5	7.4	





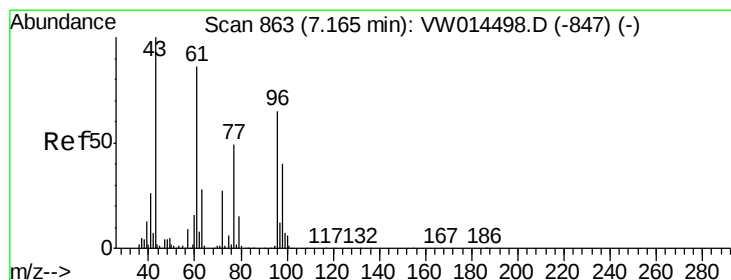
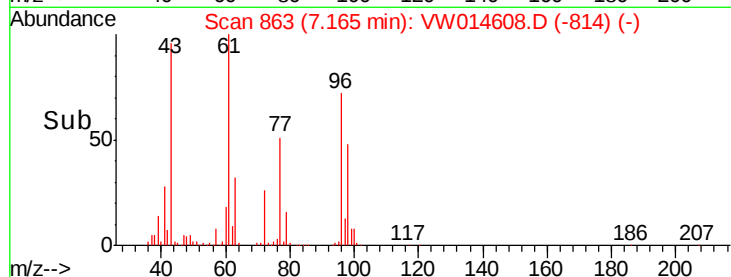
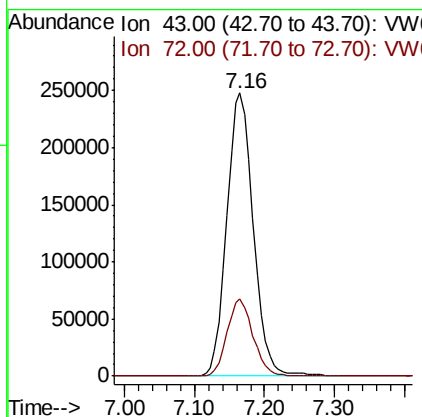
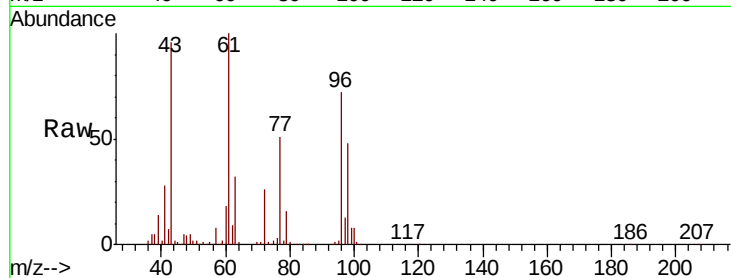
#25
2-Butanone
Concen: 290.988 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	43	Resp	651977
Ion Ratio	Lower	Upper	
43	100		
72	27.3	21.9	32.9

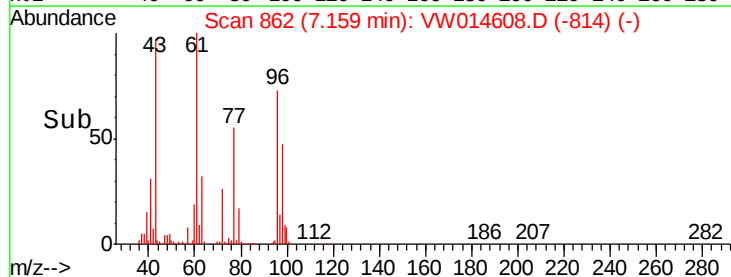
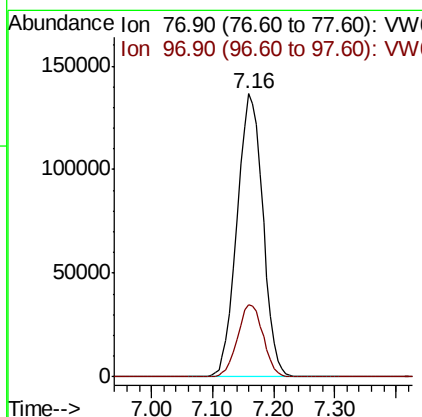
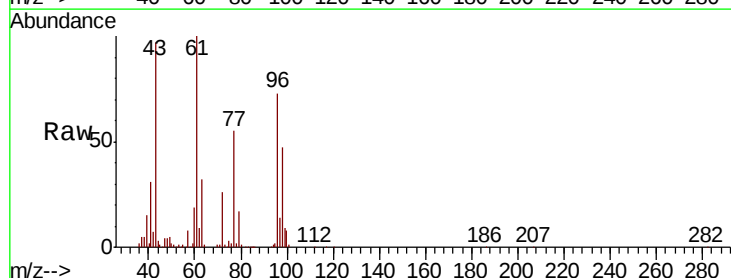
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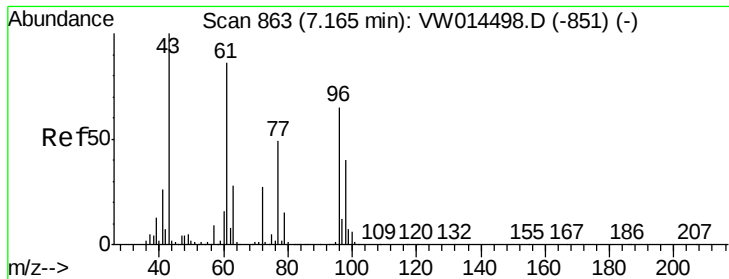
MMDadoda
1/13/2020 12:01:47 PM



#26
2,2-Dichloropropane
Concen: 56.567 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	77	Resp	397664
Ion Ratio	Lower	Upper	
77	100		
97	25.3	12.5	37.5





#27

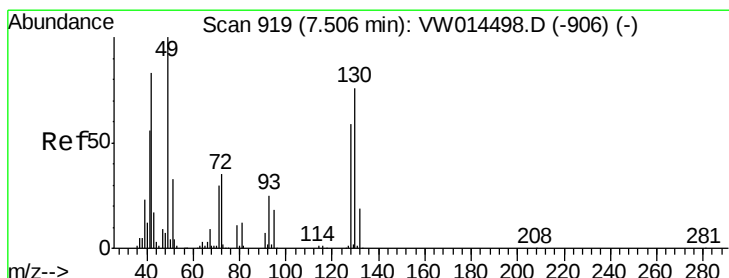
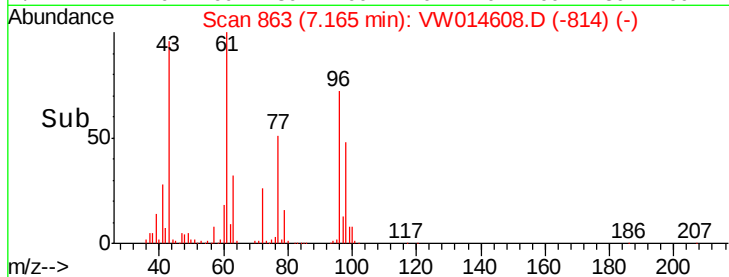
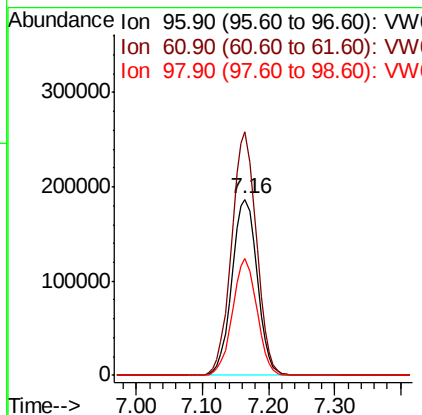
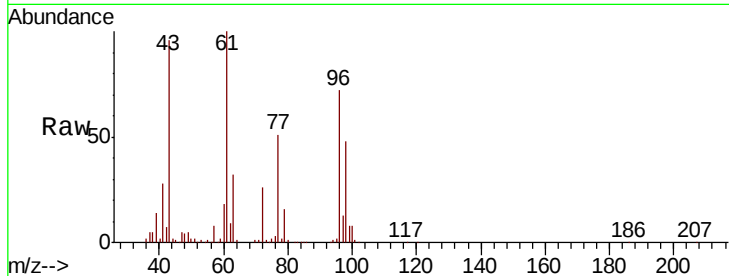
cis-1,2-Dichloroethene
Concen: 63.042 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	495008		
61	135.8	0.0	274.8	
98	64.0	0.0	128.6	

Manual Integrations
APPROVED

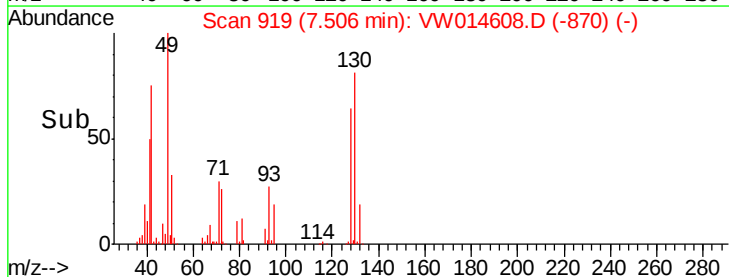
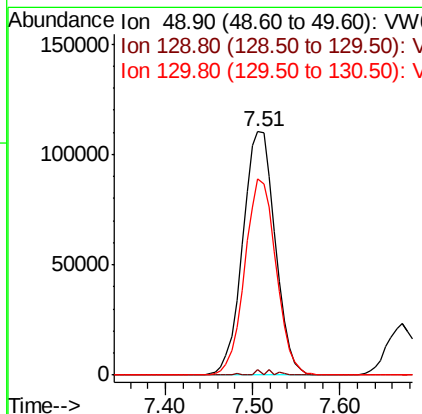
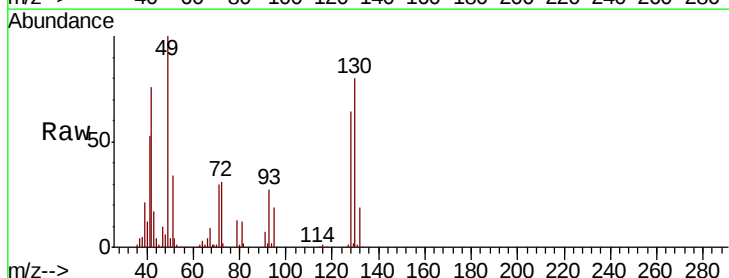
MMDadoda
1/13/2020 12:01:47 PM

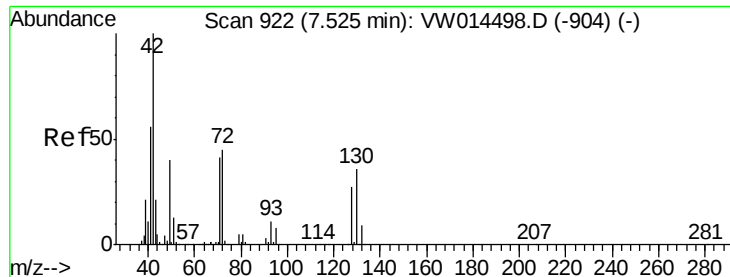


#28

Bromochloromethane
Concen: 57.144 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	284468		
129	0.3	0.0	2.0	
130	77.9	62.5	93.7	





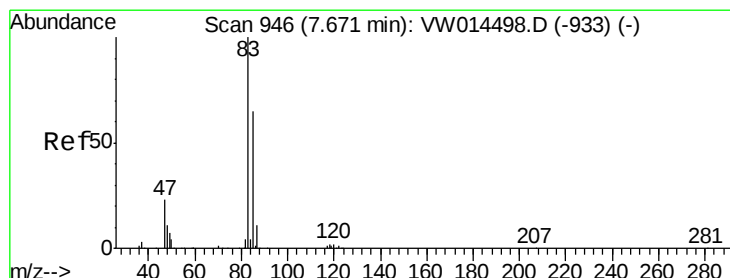
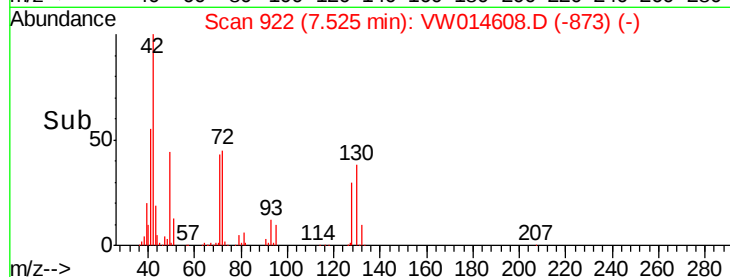
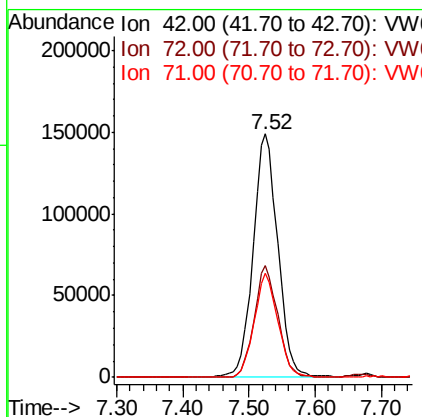
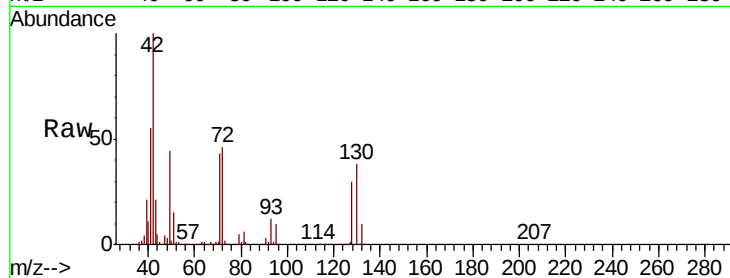
#29
Tetrahydrofuran
Concen: 280.374 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.5	51.7
71	40.7	32.0	48.0

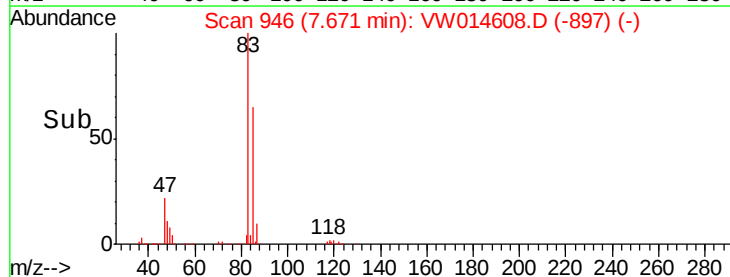
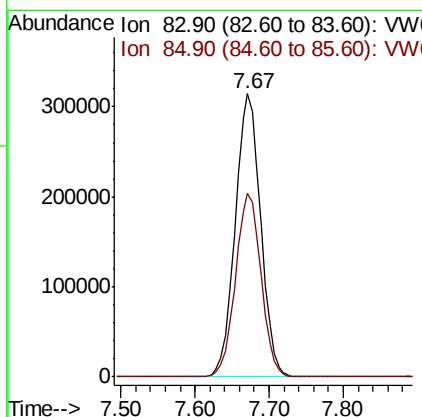
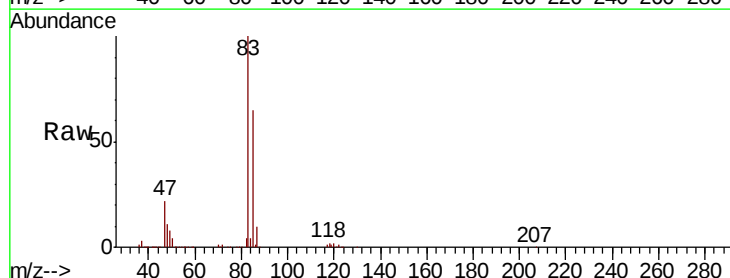
Manual Integrations
APPROVED

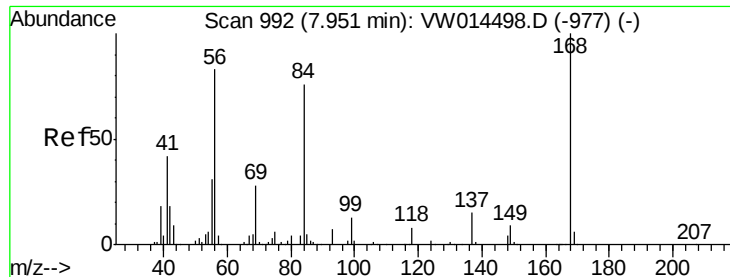
MMDadoda
1/13/2020 12:01:47 PM



#30
Chloroform
Concen: 63.434 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.2	78.2





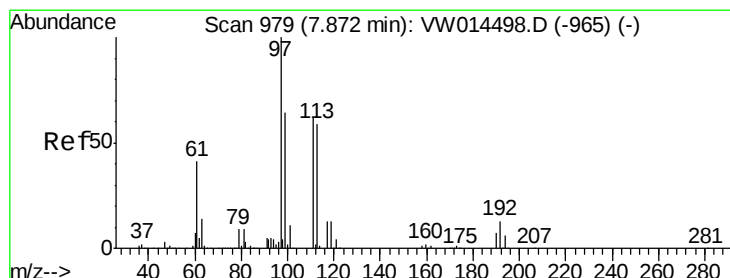
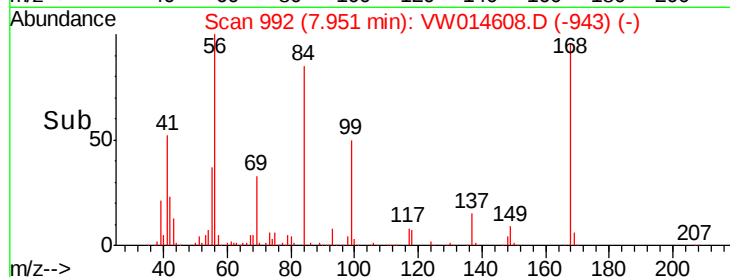
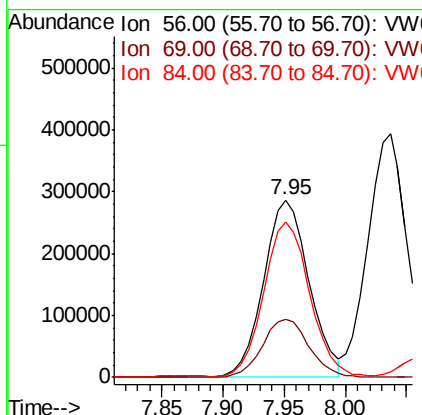
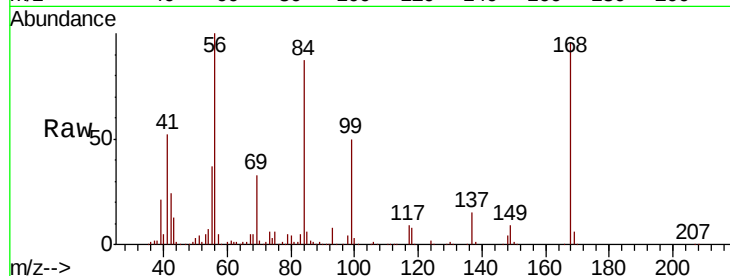
#31
Cyclohexane
Concen: 56.256 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.8	40.2
84	86.3	71.8	107.6

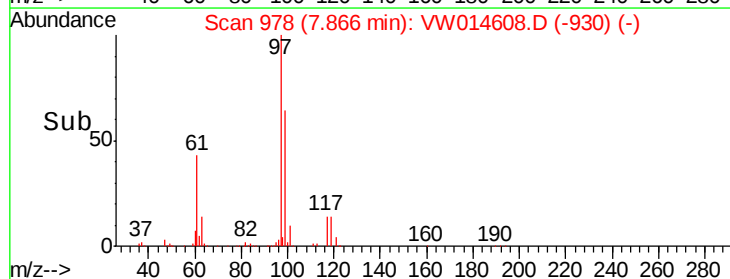
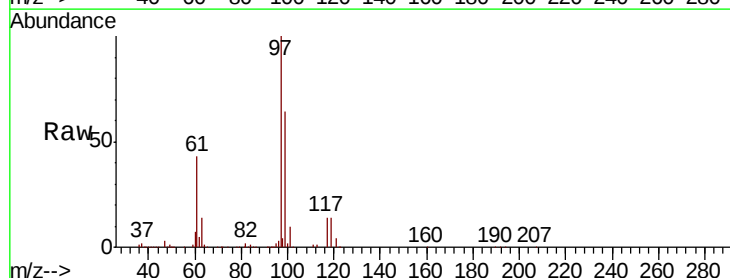
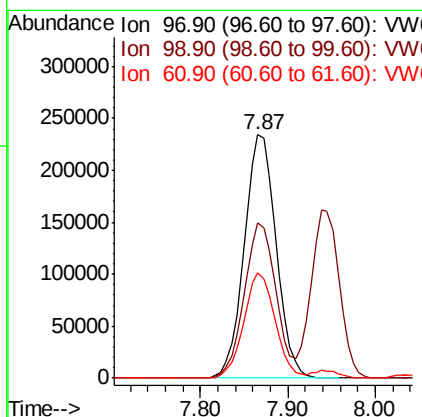
Manual Integrations
APPROVED

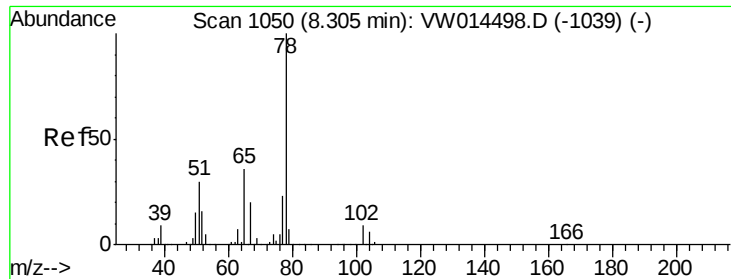
MMDadoda
1/13/2020 12:01:47 PM



#32
1,1,1-Trichloroethane
Concen: 61.885 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	42.8	33.8	50.8





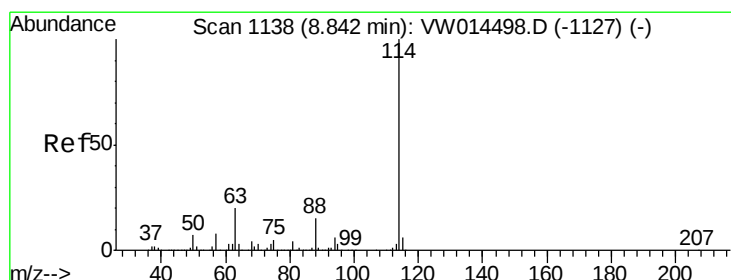
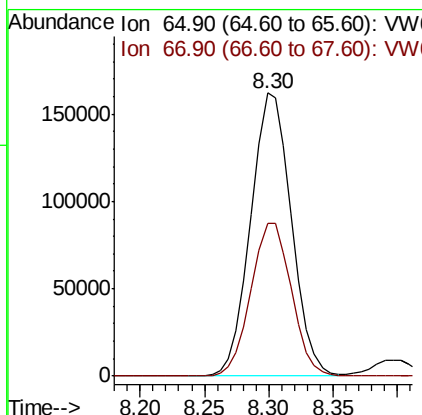
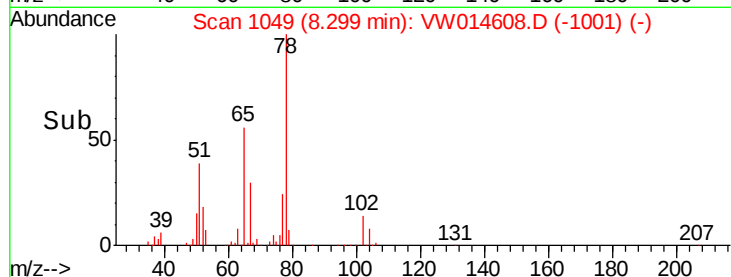
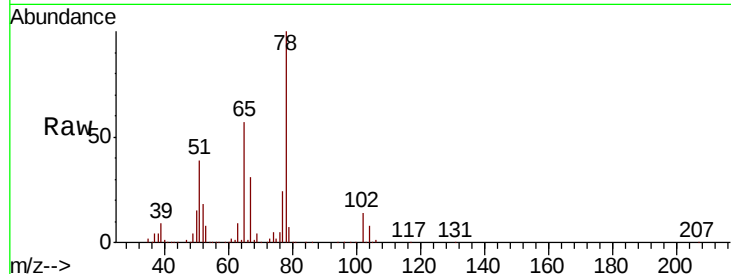
#33
 1,2-Dichloroethane-d4
 Concen: 57.202 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Instrument :
 MSVOA_W
 ClientSampled :
 SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.4

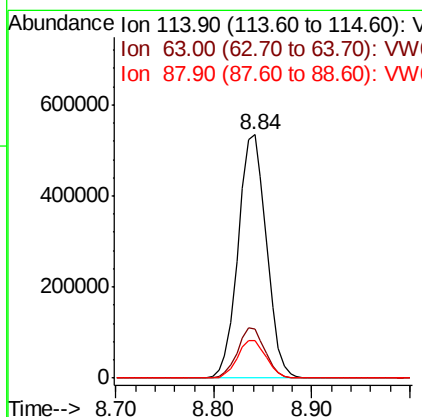
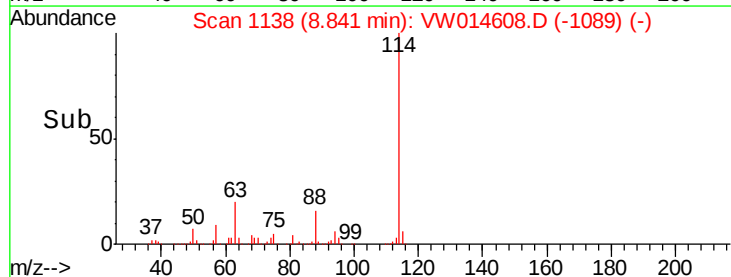
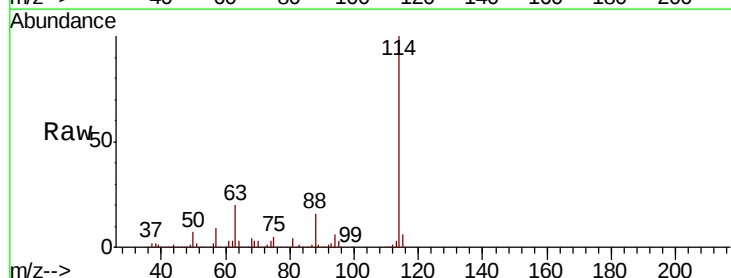
Manual Integrations
 APPROVED

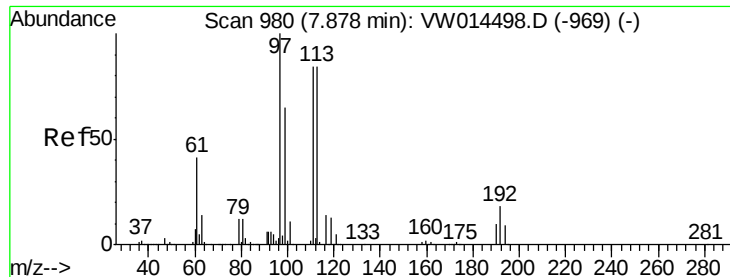
MMDadoda
 1/13/2020 12:01:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.4
88	15.7	0.0	30.6





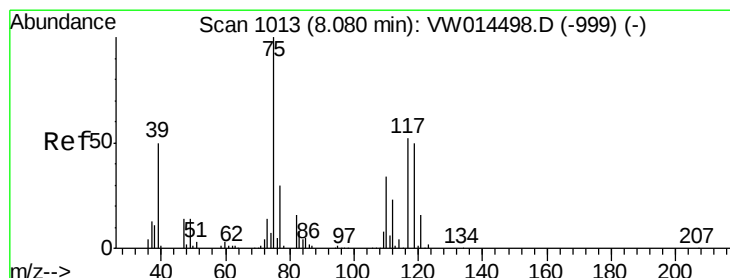
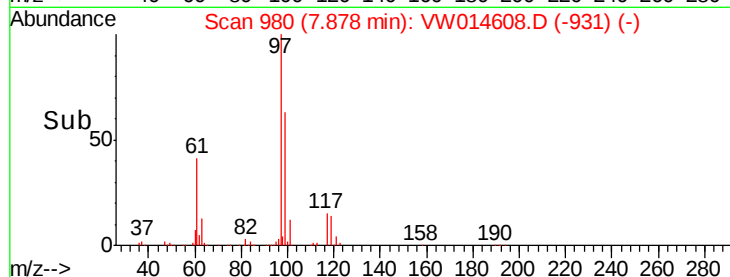
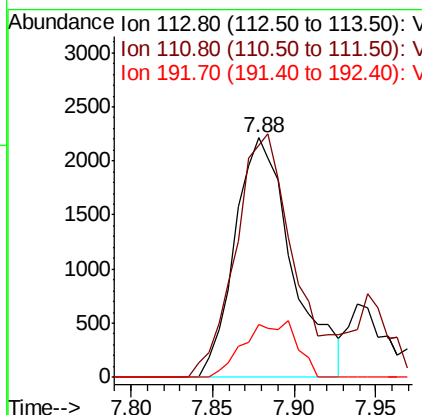
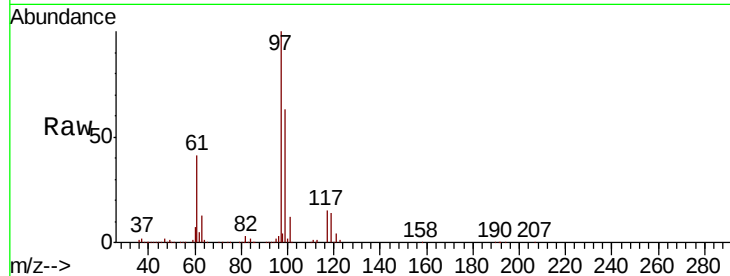
#35
Dibromofluoromethane
Concen: 0.884 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.4	122.2
192	21.2	17.8	26.8

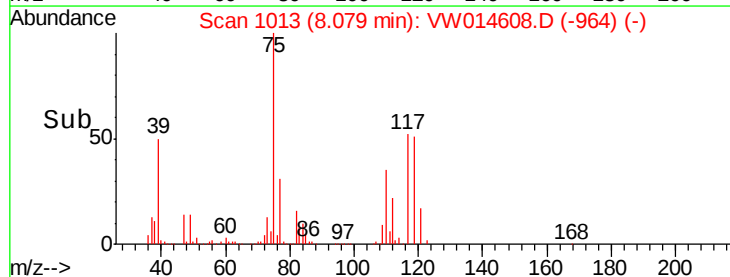
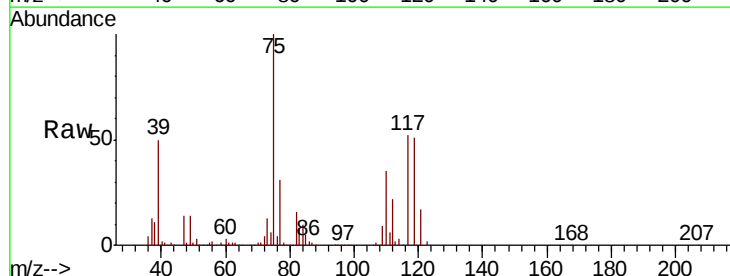
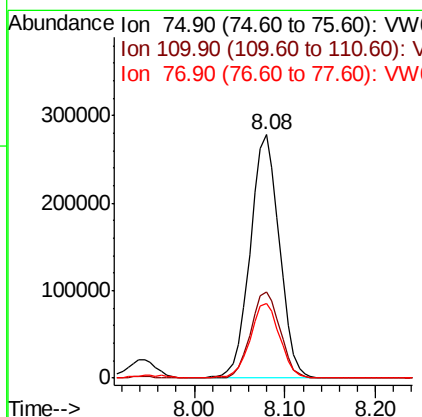
Manual Integrations
APPROVED

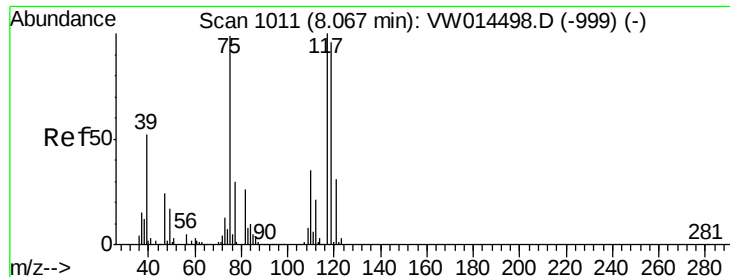
MMDadoda
1/13/2020 12:01:47 PM



#36
1,1-Dichloropropene
Concen: 59.785 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.8	53.5
77	31.2	24.7	37.1





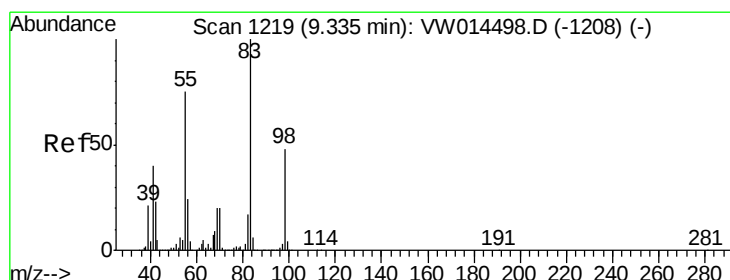
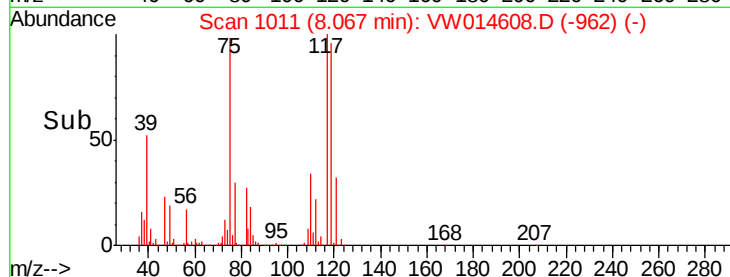
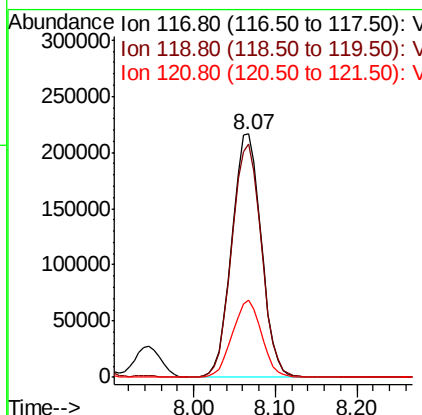
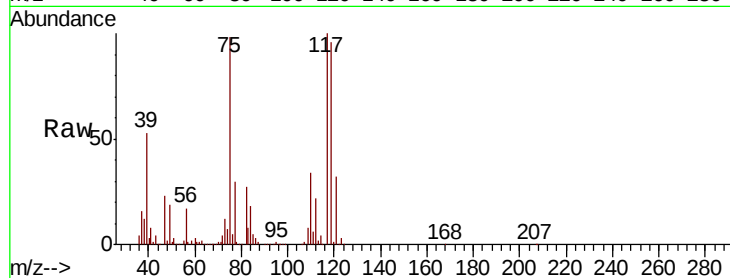
#38
Carbon Tetrachloride
Concen: 60.115 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.6
121	31.6	24.6	36.8

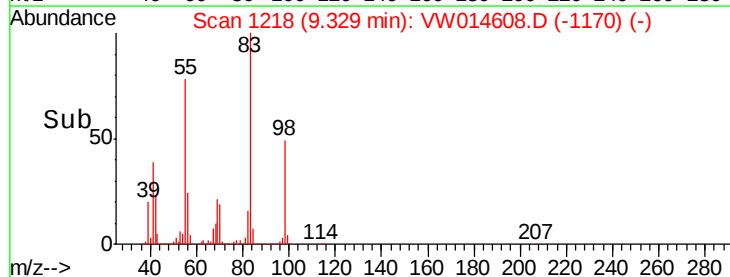
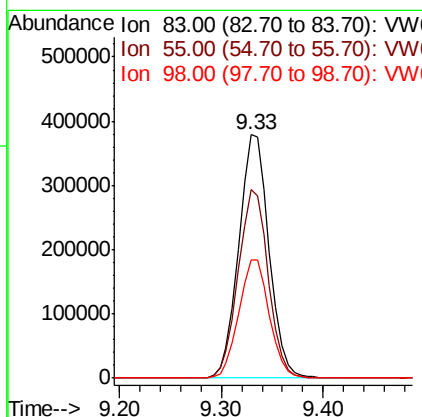
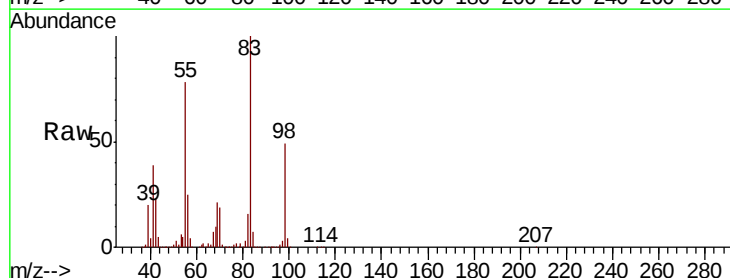
Manual Integrations
APPROVED

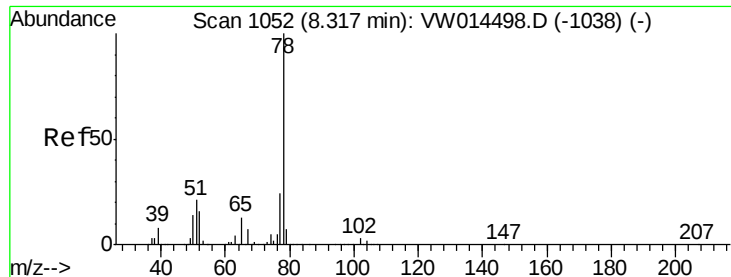
MMDadoda
1/13/2020 12:01:47 PM



#39
Methylcyclohexane
Concen: 58.721 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	60.1	90.1
98	48.7	38.8	58.2





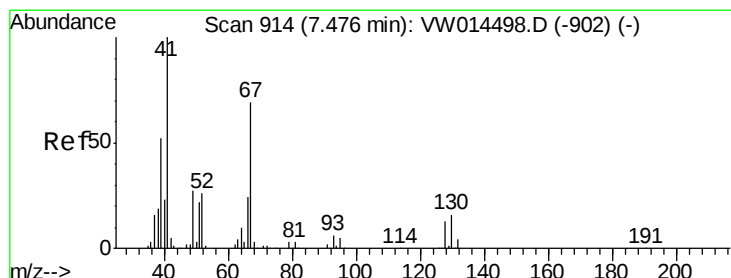
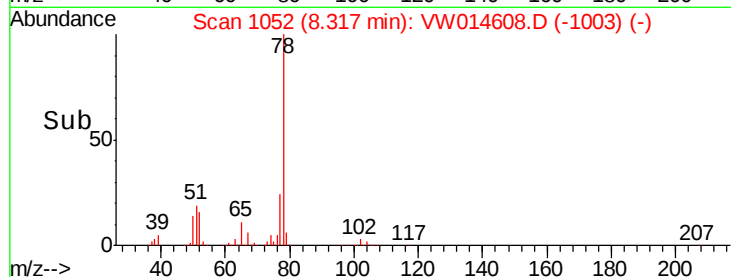
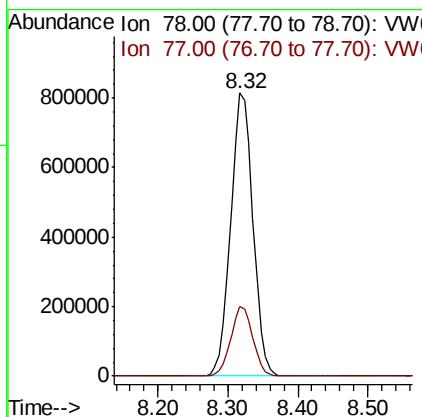
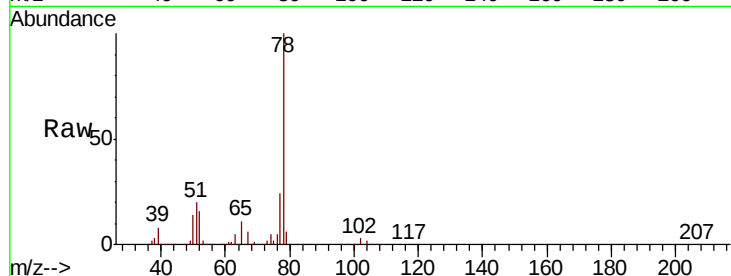
#40
Benzene
Concen: 61.697 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion: 78 Resp: 1803547
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

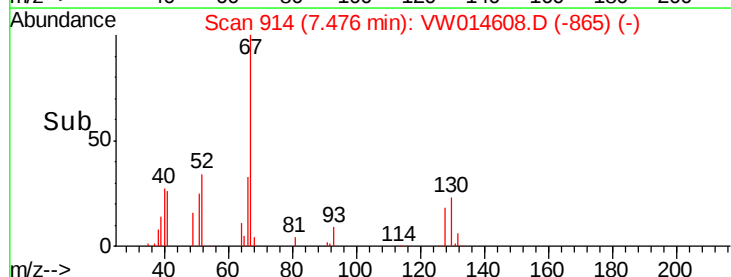
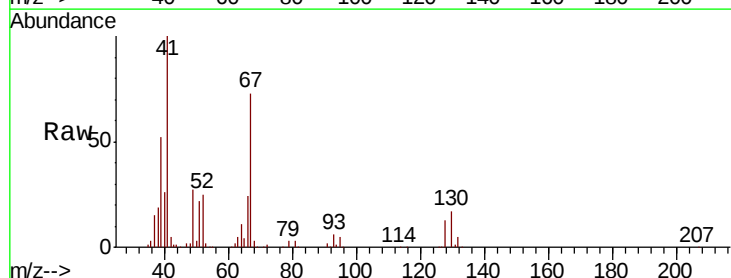
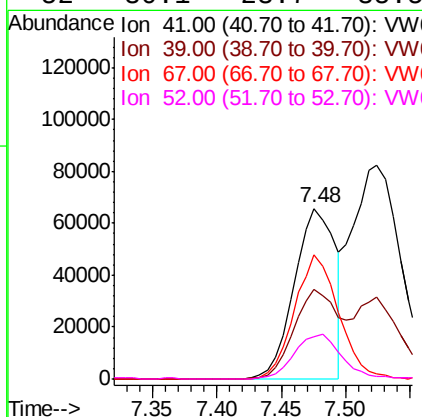
Manual Integrations
APPROVED

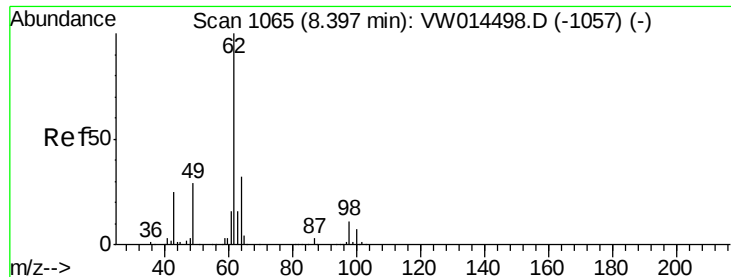
MMDadoda
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#41
Methacrylonitrile
Concen: 55.318 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion: 41 Resp: 144493
Ion Ratio Lower Upper
41 100
39 58.1 46.0 69.0
67 78.5 60.8 91.2
52 30.1 23.7 35.5





#42

1,2-Dichloroethane

Concen: 60.701 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion: 62 Resp: 460483

Ion Ratio Lower Upper

62 100

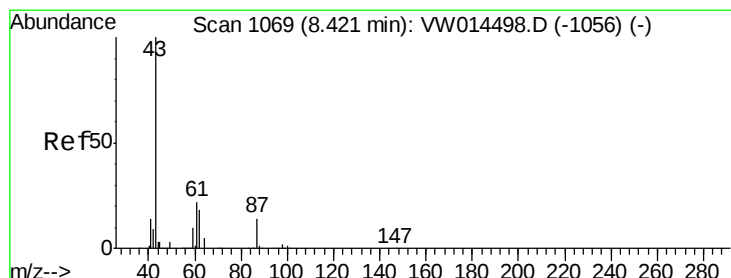
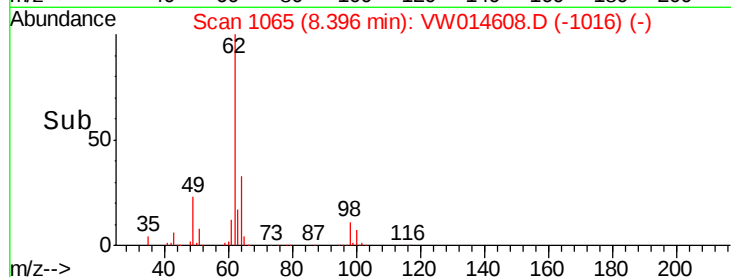
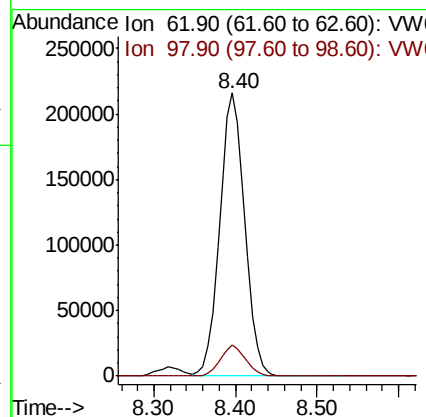
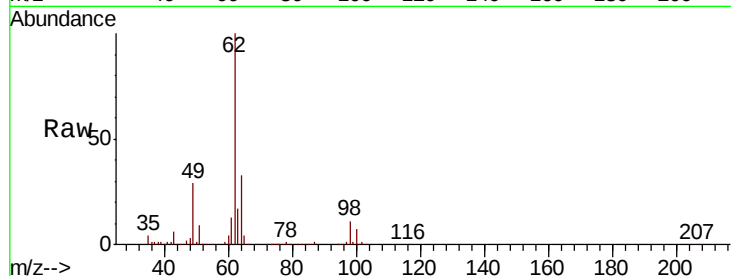
98 11.0 0.0 22.0

Manual Integrations

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#43

Isopropyl Acetate

Concen: 17.240 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

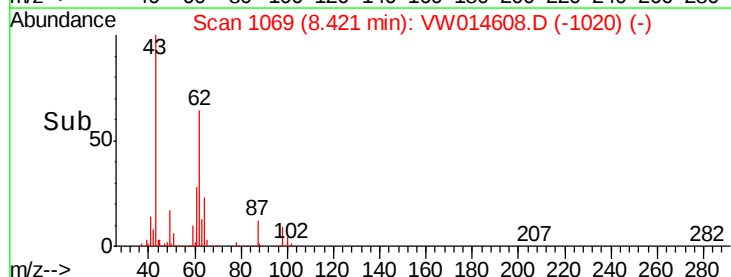
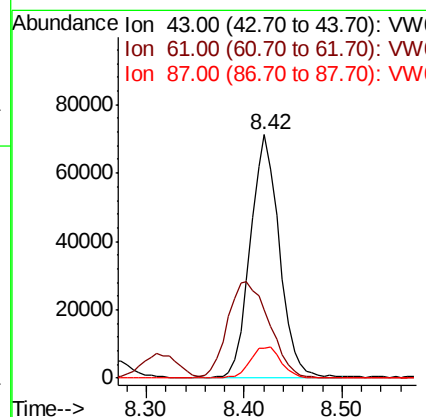
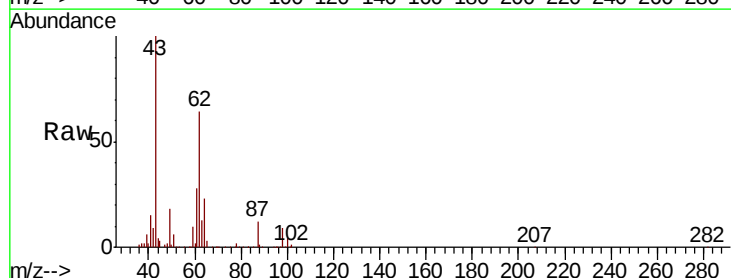
Tgt Ion: 43 Resp: 146690

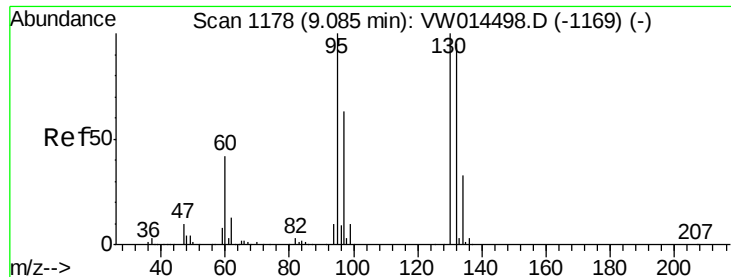
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 13.5 11.1 16.7





#44

Trichloroethene

Concen: 112.803 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:130 Resp: 892275

Ion Ratio Lower Upper

130 100

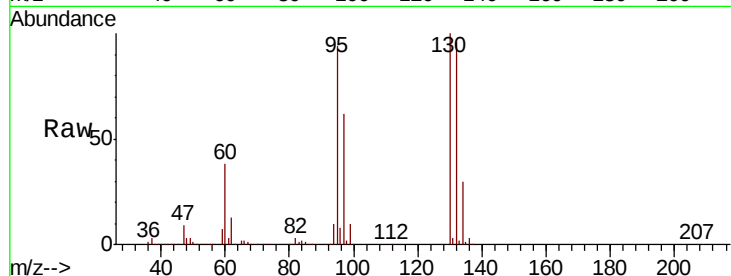
95 94.3 0.0 199.4

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW

9.09

400000

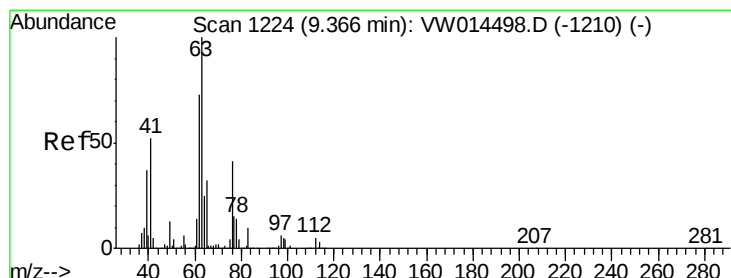
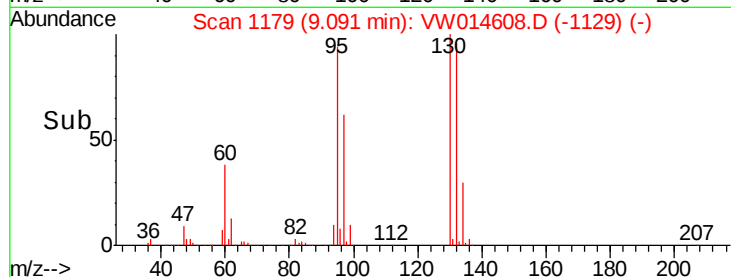
300000

200000

100000

0

Time-->



#45

1,2-Dichloropropane

Concen: 62.433 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014608.D

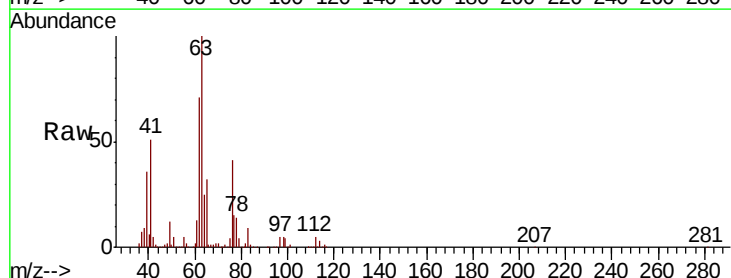
Acq: 10 Jan 2020 19:03

Tgt Ion: 63 Resp: 447853

Ion Ratio Lower Upper

63 100

65 31.7 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

250000

200000

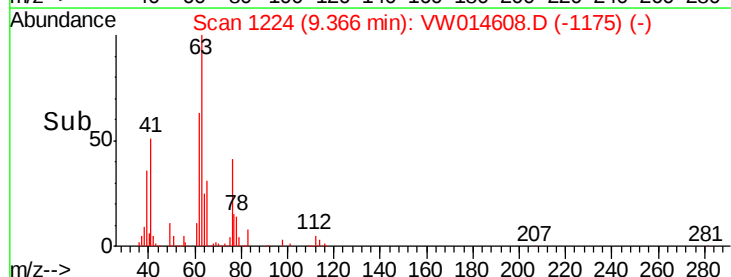
150000

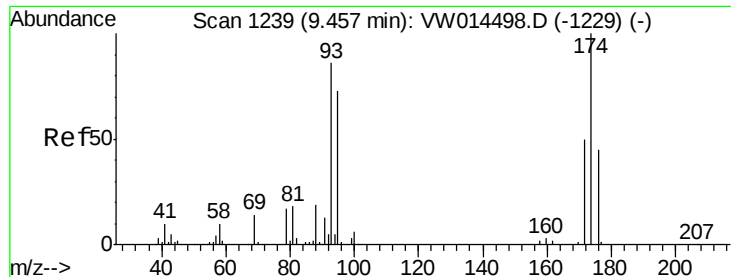
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50000

0

Time-->





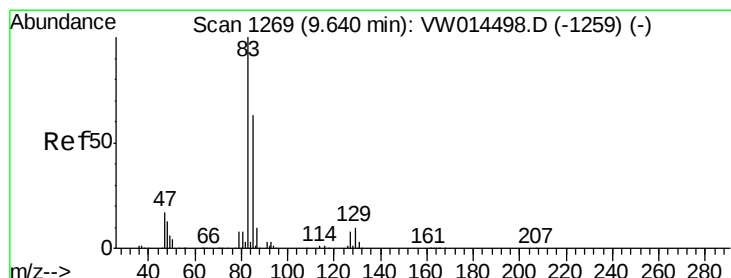
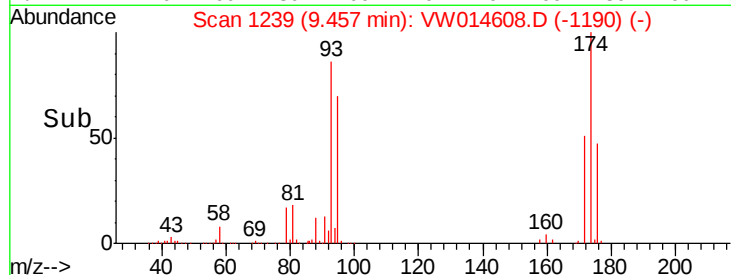
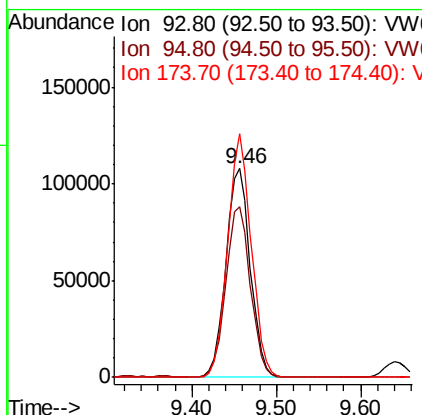
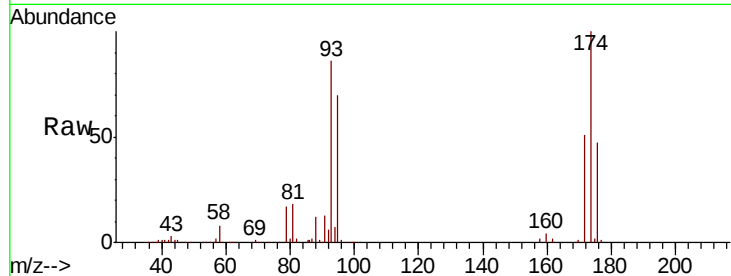
#46
Dibromomethane
Concen: 60.166 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	213063		
95	82.1	66.4	99.6	
174	112.6	89.1	133.7	

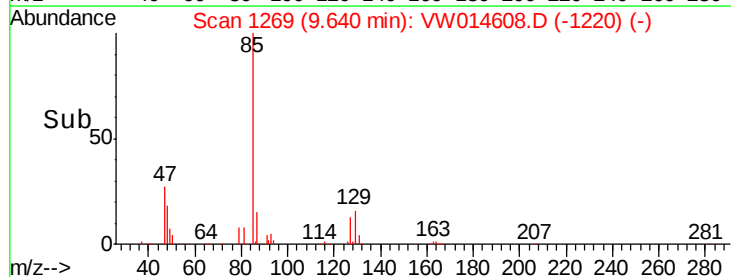
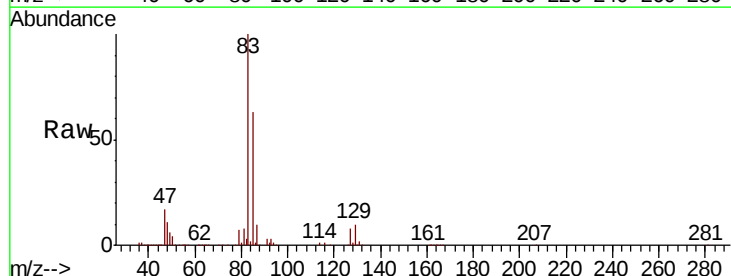
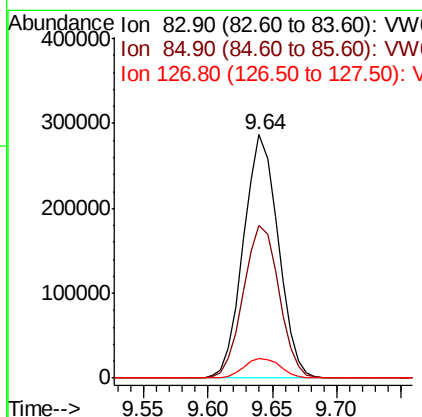
Manual Integrations
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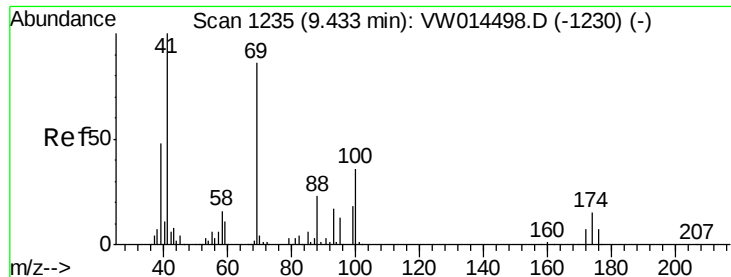
MMDadoda
1/13/2020 12:01:47 PM



#47
Bromodichloromethane
Concen: 61.244 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	535450		
85	63.0	50.6	76.0	
127	8.0	6.6	9.8	





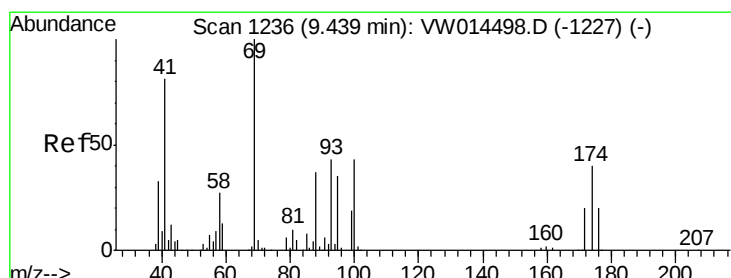
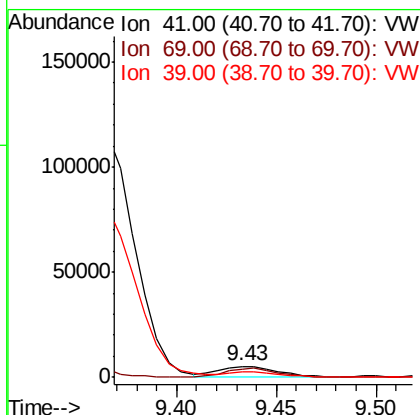
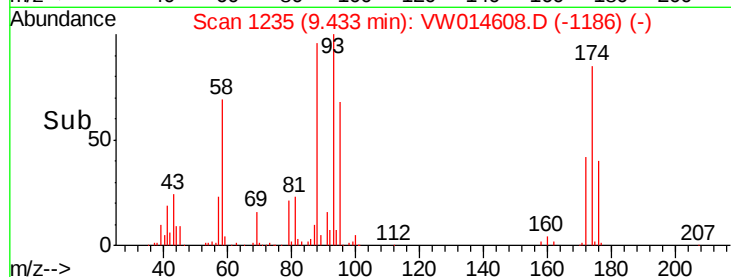
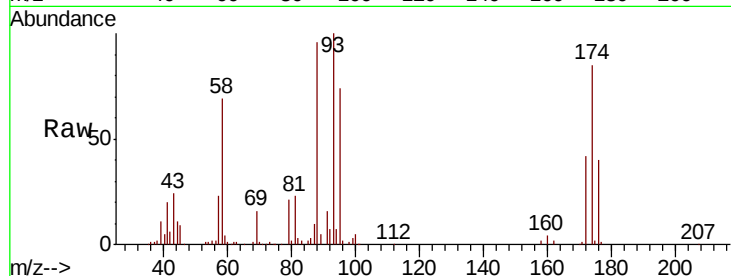
#48
Methvl methacrylate
Concen: 2.739 ug/l m
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion: 41 Resp: 11378
Ion Ratio Lower Upper
41 100
69 1428.1 68.3 102.5
39 1425.8 36.8 55.2

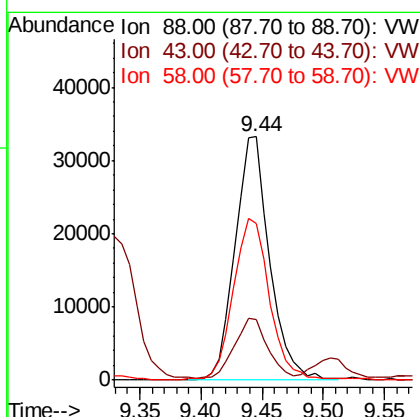
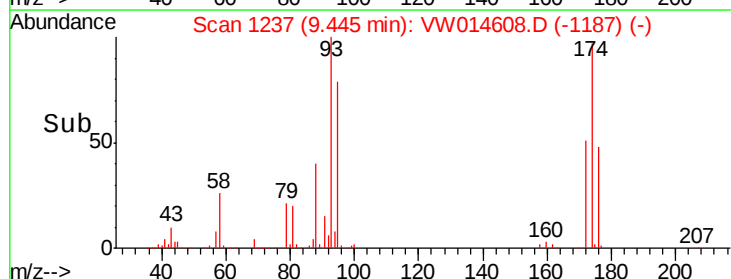
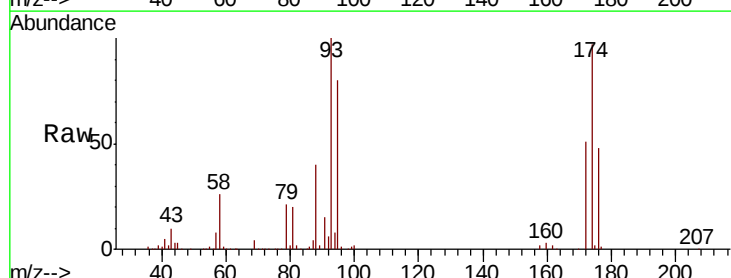
Manual Integrations
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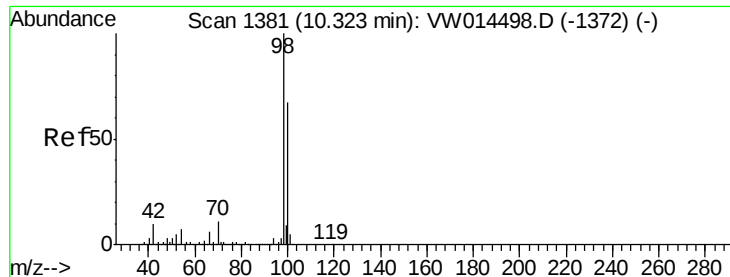
MMDadoda
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#49
1,4-Dioxane
Concen: 984.620 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion: 88 Resp: 65215
Ion Ratio Lower Upper
88 100
43 23.2 24.9 37.3#
58 69.7 56.9 85.3





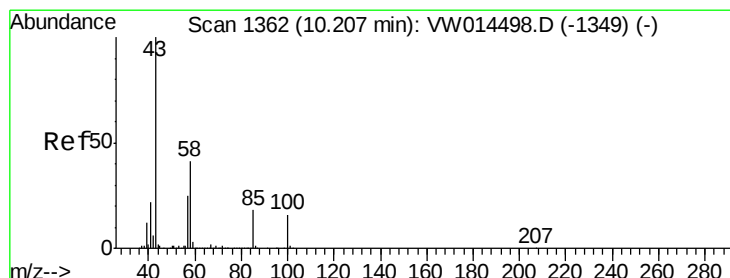
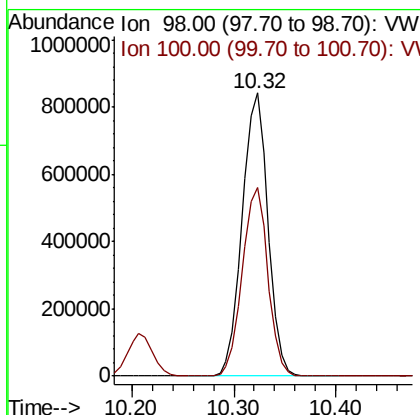
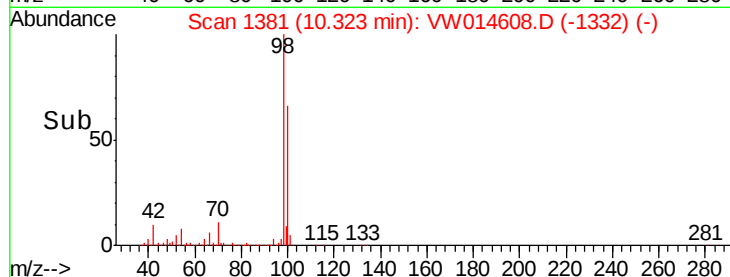
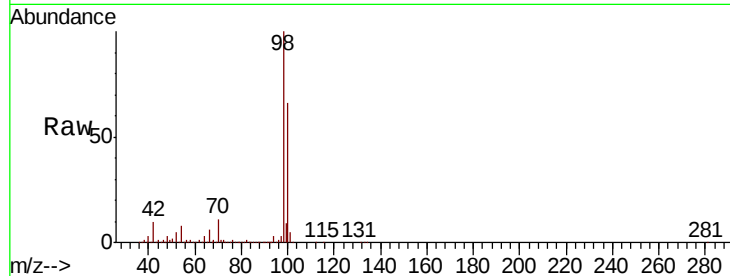
#50
Toluene-d8
Concen: 57.662 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion: 98 Resp: 1473917
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6

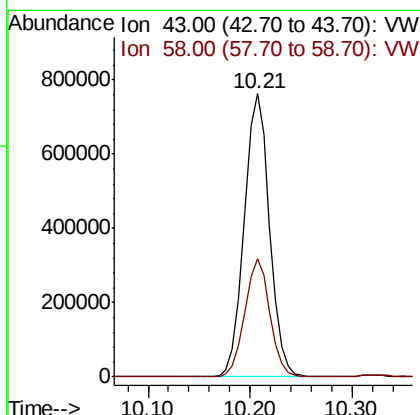
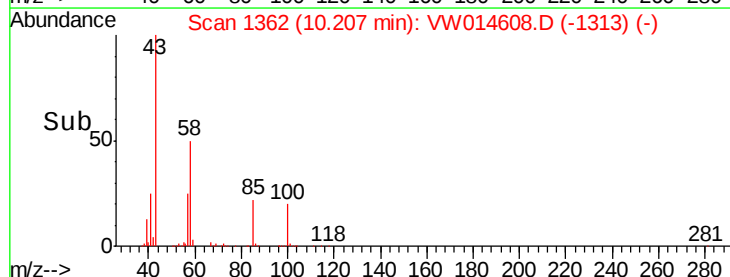
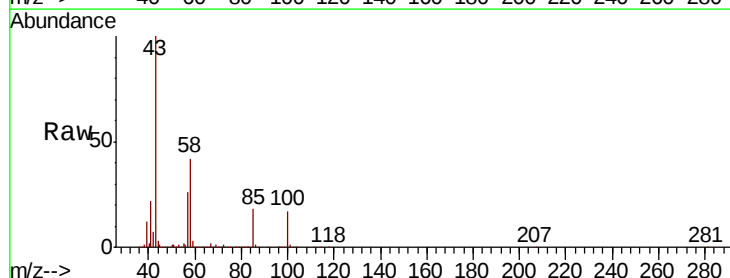
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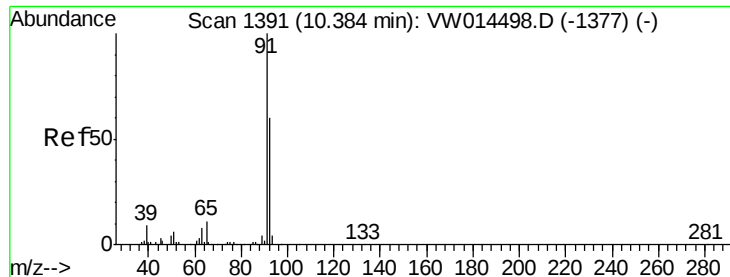
MMDadoda
1/13/2020 12:01:47 PM



#51
4-Methyl-2-Pentanone
Concen: 296.819 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion: 43 Resp: 1311552
Ion Ratio Lower Upper
43 100
58 41.4 32.7 49.1





#52

Toluene

Concen: 62.732 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion: 92 Resp: 1153668

Ion Ratio Lower Upper

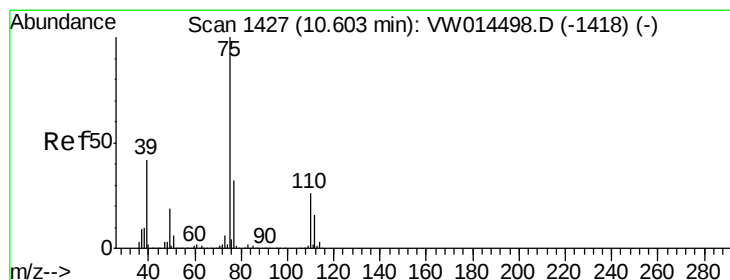
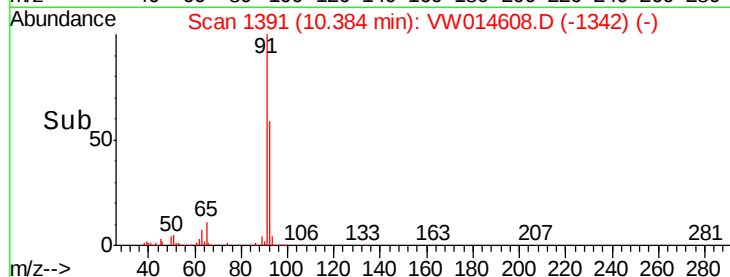
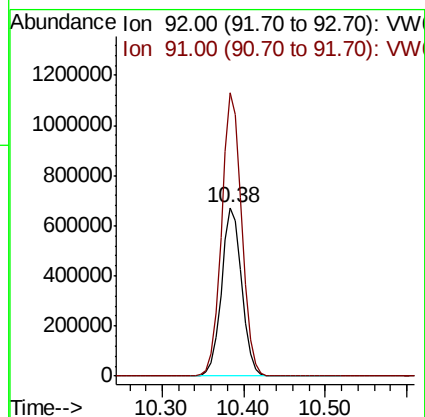
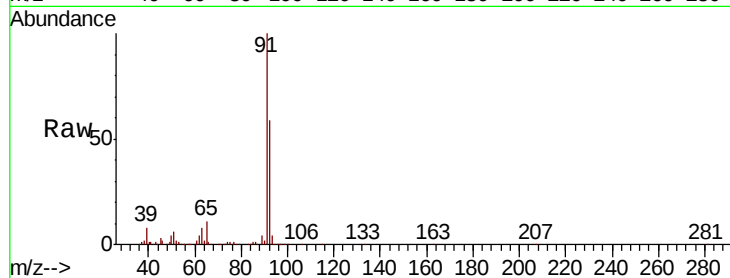
92 100

91 167.7 134.1 201.1

Manual Integrations
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#53

t-1,3-Dichloropropene

Concen: 61.588 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014608.D

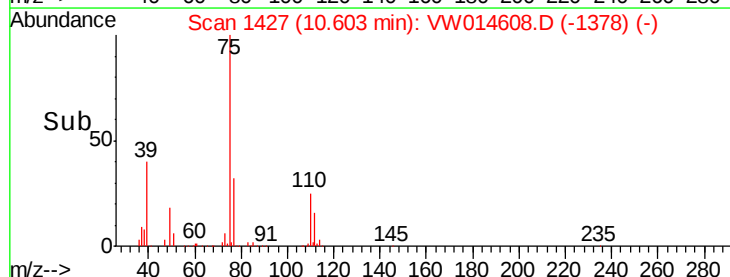
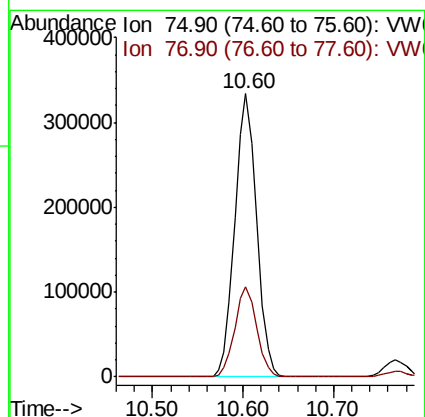
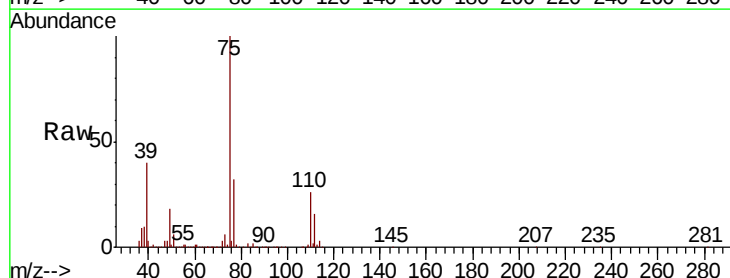
Acq: 10 Jan 2020 19:03

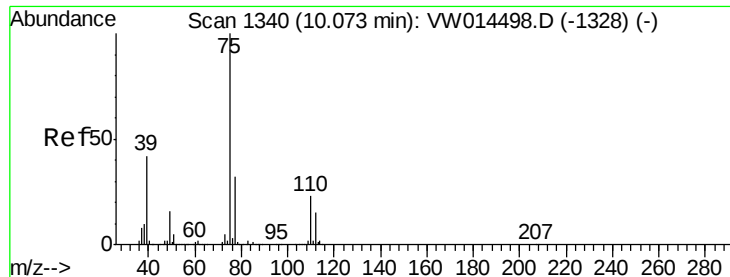
Tgt Ion: 75 Resp: 557516

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2





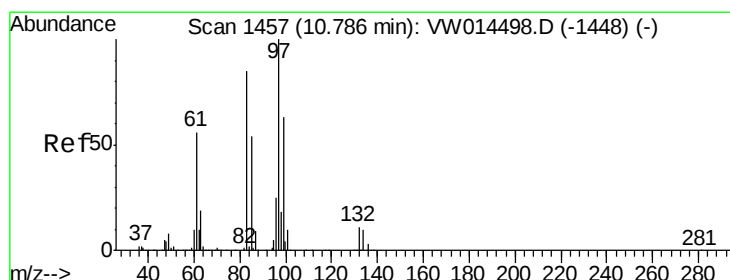
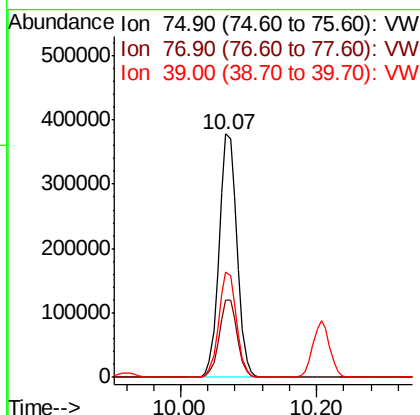
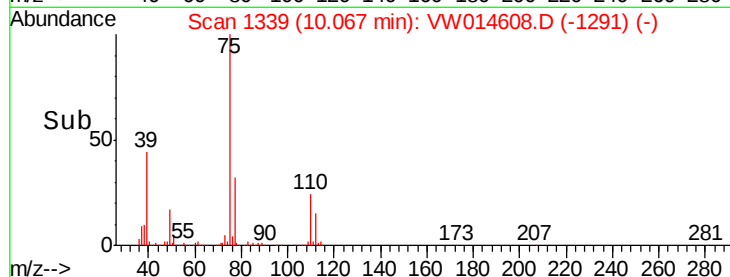
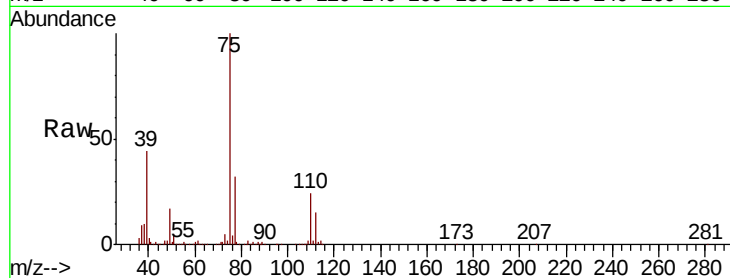
#54
 cis-1,3-Dichloropropene
 Concen: 61.779 ug/l
 RT: 10.07 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	43.5	33.4	50.2

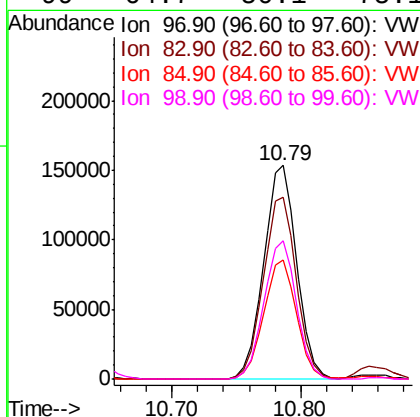
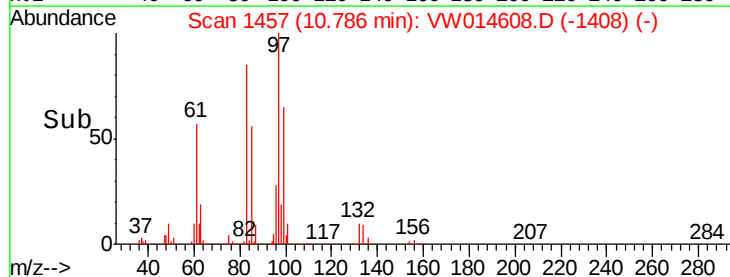
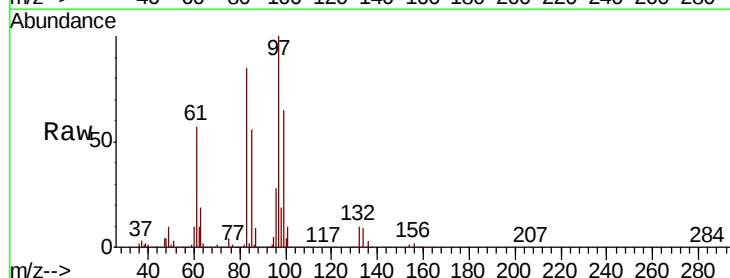
Manual Integrations
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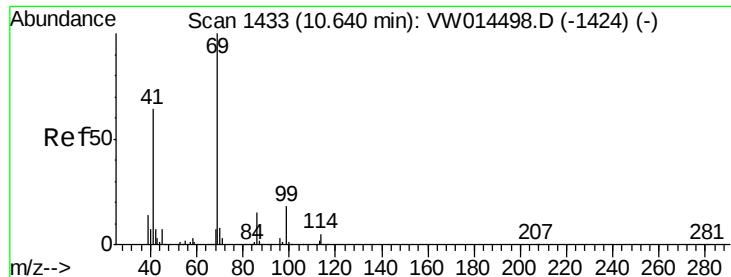
MMDadoda
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#55
 1,1,2-Trichloroethane
 Concen: 52.733 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.2	102.4
85	55.5	43.0	64.4
99	64.7	50.1	75.1





#56

Ethyl methacrylate

Concen: 13.535 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

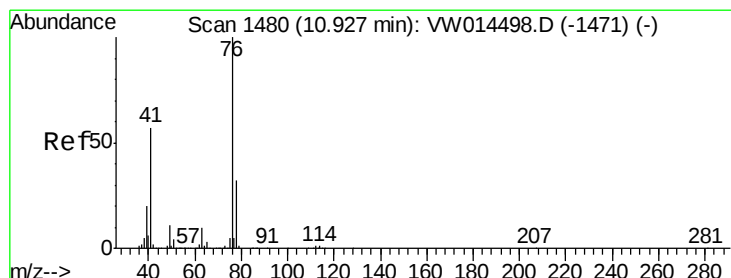
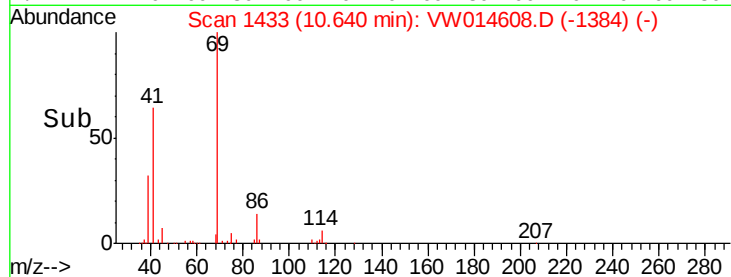
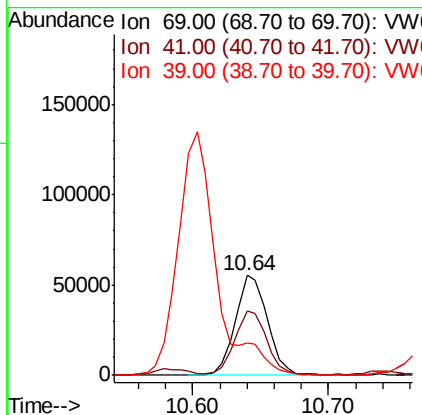
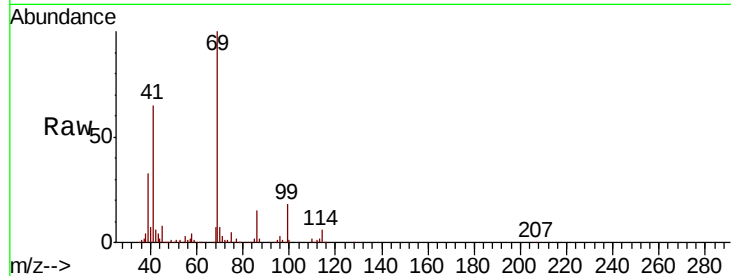
ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:	69	Resp:	90977
Ion Ratio	Lower	Upper	
69	100		
41	63.9	51.3	76.9
39	0.0	21.0	31.6#

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#57

1,3-Dichloropropane

Concen: 61.171 ug/l

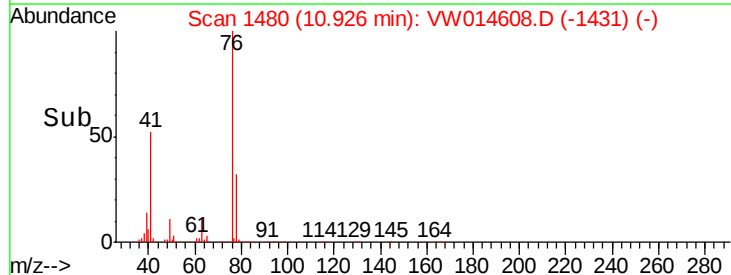
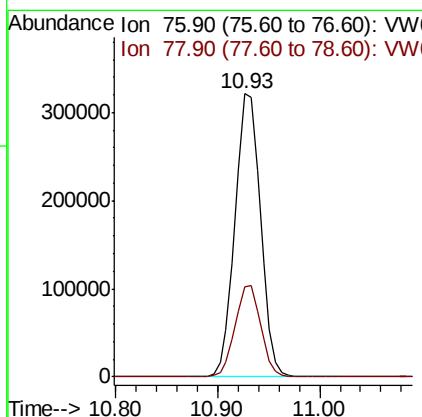
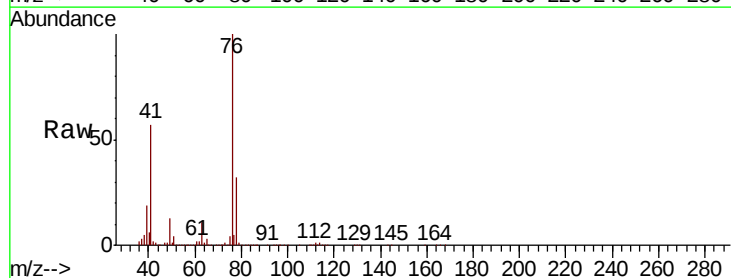
RT: 10.93 min Scan# 1480

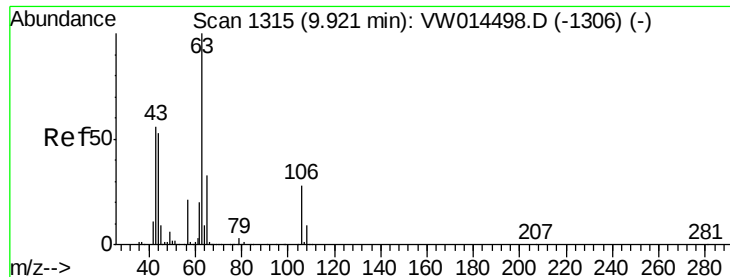
Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Tgt Ion:	76	Resp:	556038
Ion Ratio	Lower	Upper	
76	100		
78	32.4	25.9	38.9





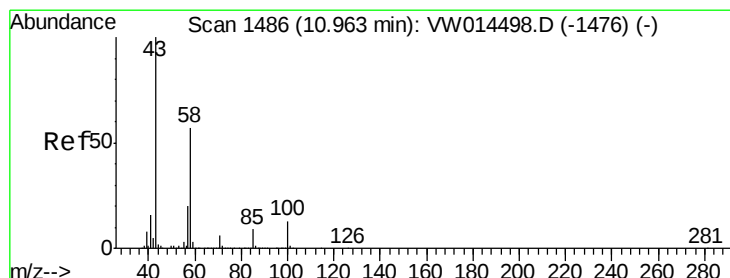
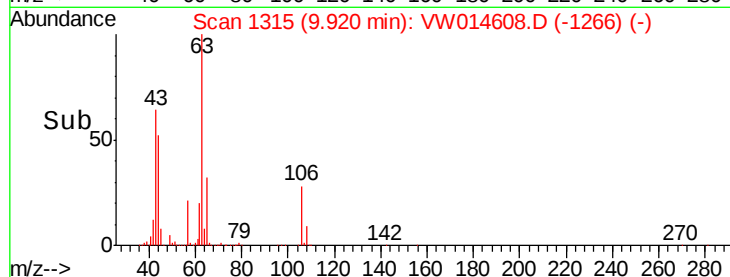
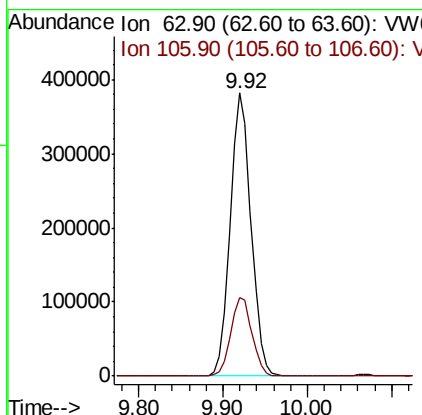
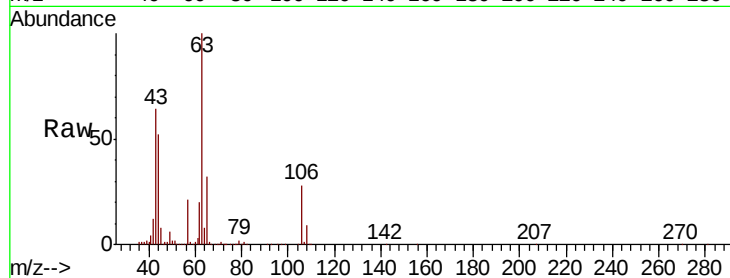
#58
2-Chloroethyl Vinyl ether
Concen: 313.408 ug/l
RT: 9.92 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
63	100		
106	28.3	23.0	34.6

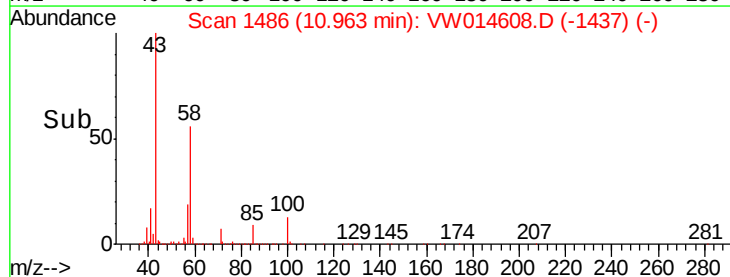
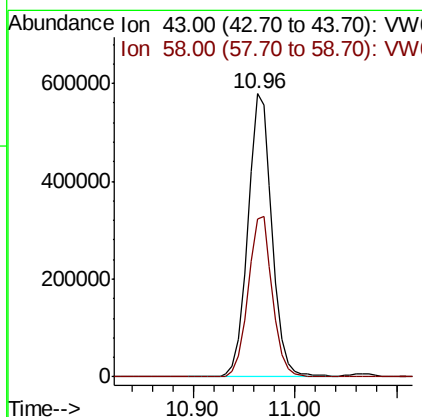
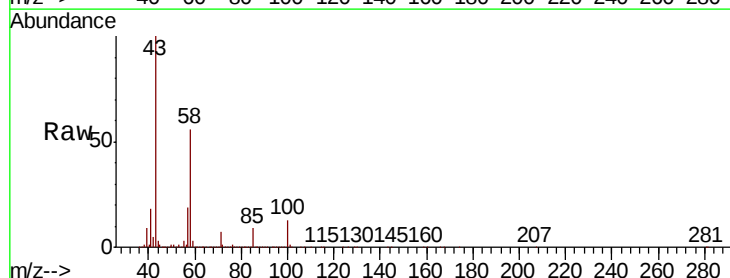
Manual Integrations
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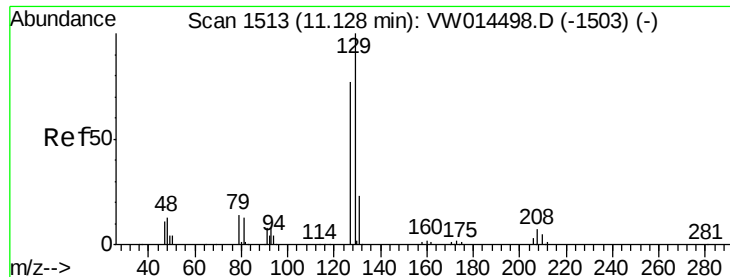
MMDadoda
1/13/2020 12:01:47 PM



#59
2-Hexanone
Concen: 312.013 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.0	28.7	86.3





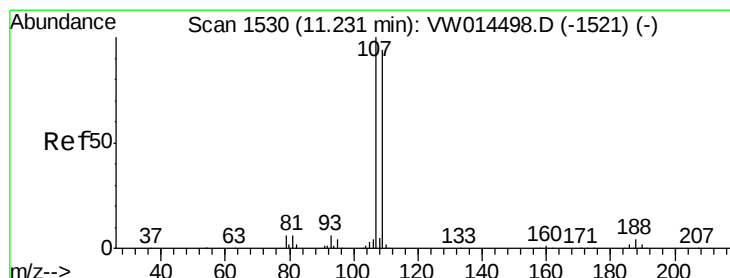
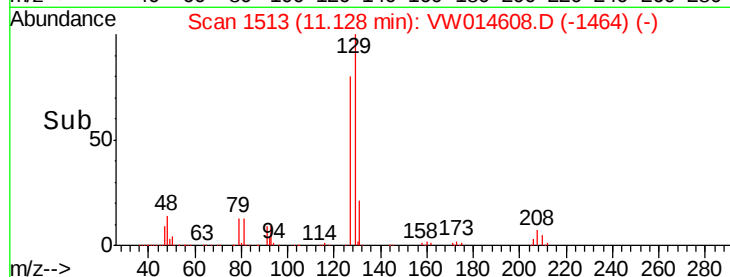
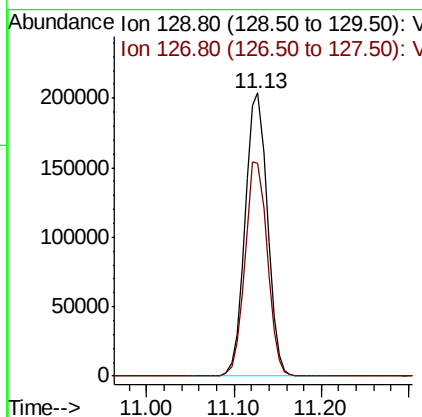
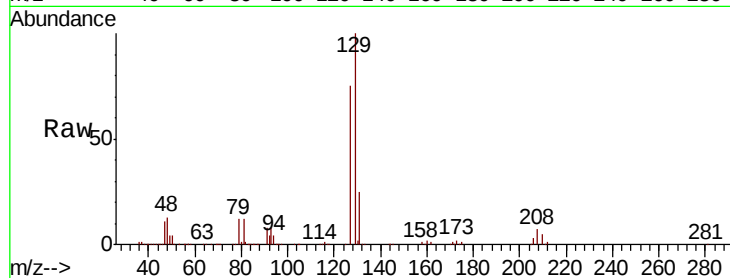
#60
 Dibromochloromethane
 Concen: 61.495 ug/l
 RT: 11.13 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.1	114.5

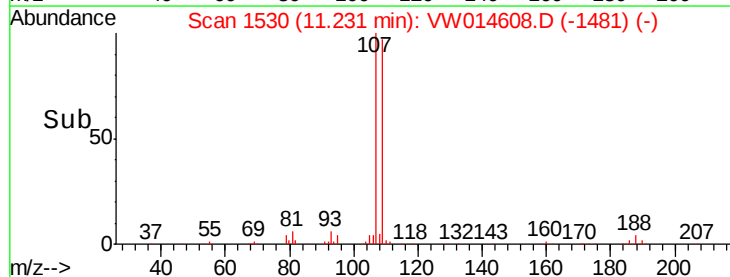
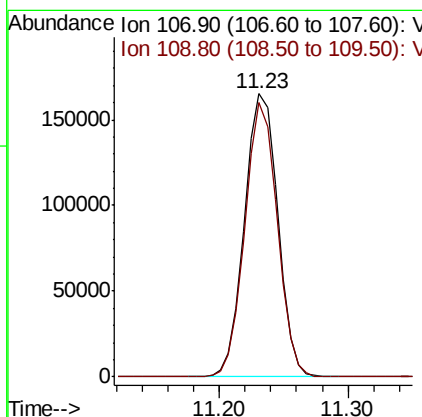
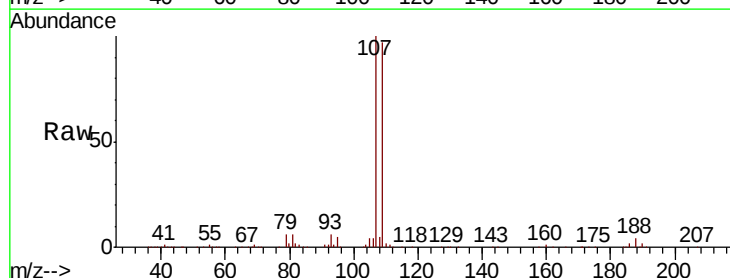
Manual Integrations
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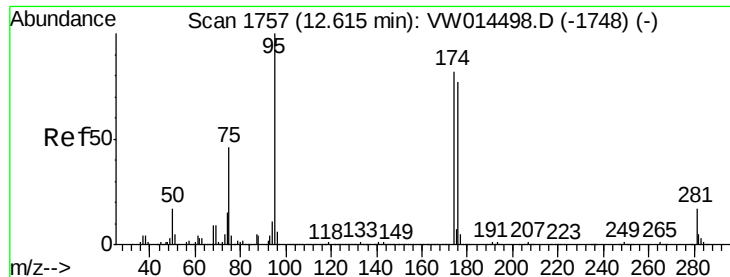
MMDadoda
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#61
 1,2-Dibromoethane
 Concen: 60.161 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.1	112.7





#62

4-Bromofluorobenzene

Concen: 58.909 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

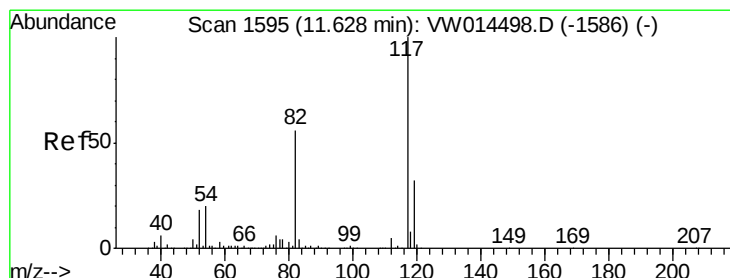
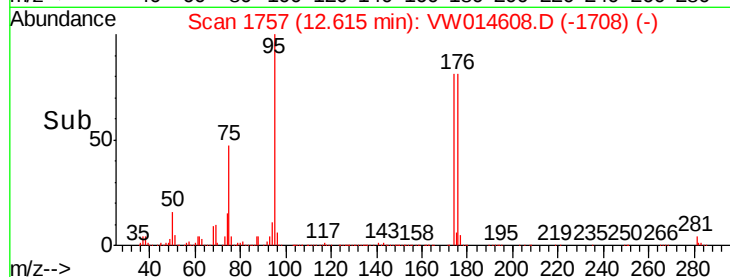
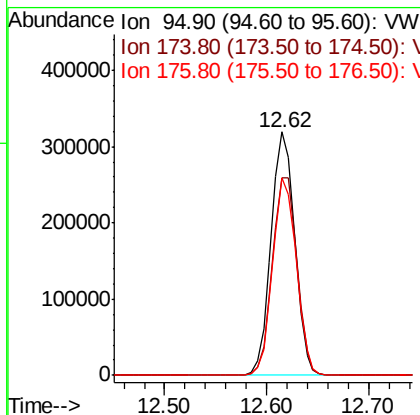
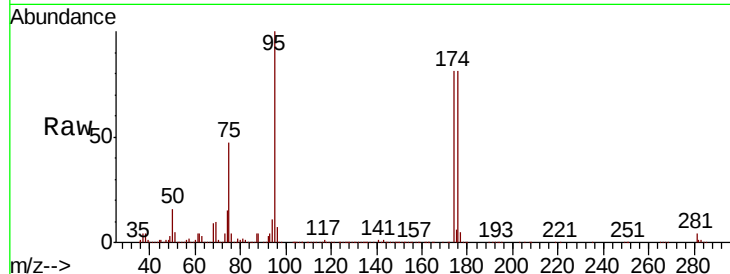
ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:	95	Resp:	510742
Ion Ratio	Lower	Upper	
95	100		
174	84.4	0.0	168.6
176	81.0	0.0	162.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

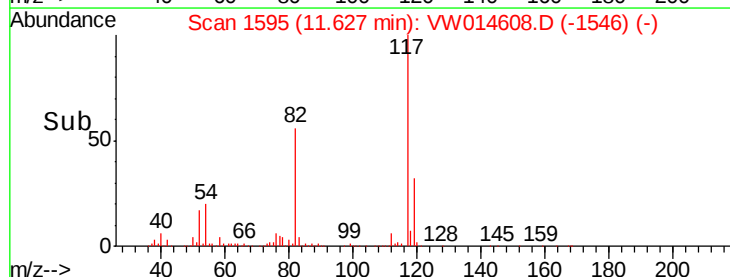
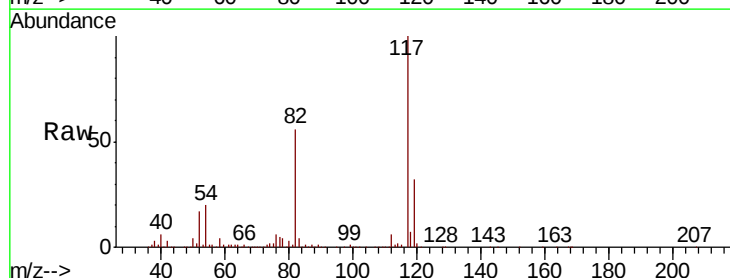
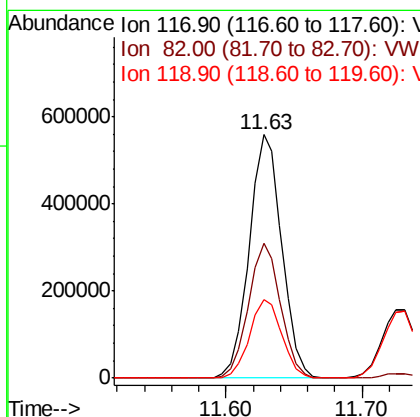
RT: 11.63 min Scan# 1595

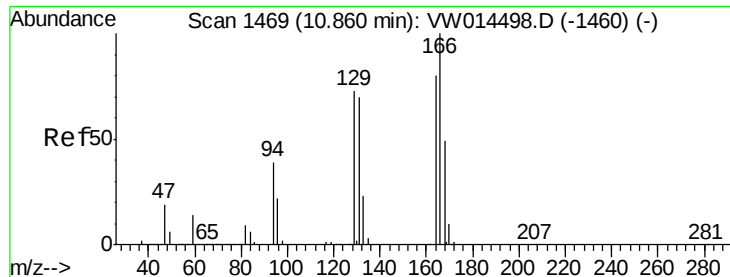
Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Tgt Ion:	117	Resp:	935871
Ion Ratio	Lower	Upper	
117	100		
82	55.5	44.6	67.0
119	32.2	25.7	38.5





#64

Tetrachloroethene

Concen: 108.706 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:164 Resp: 736524

Ion Ratio Lower Upper

164 100

166 126.3 99.8 149.6

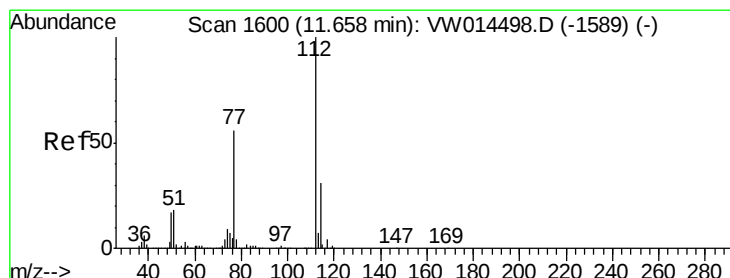
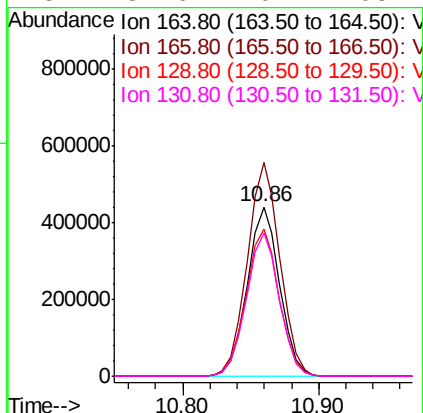
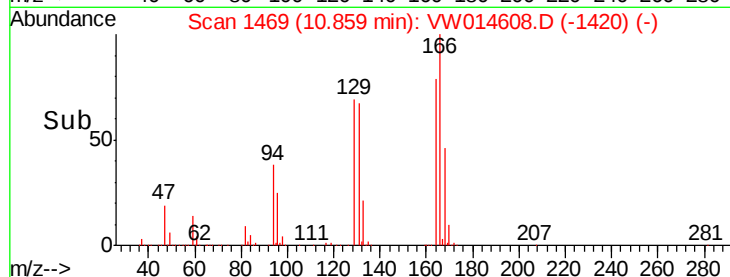
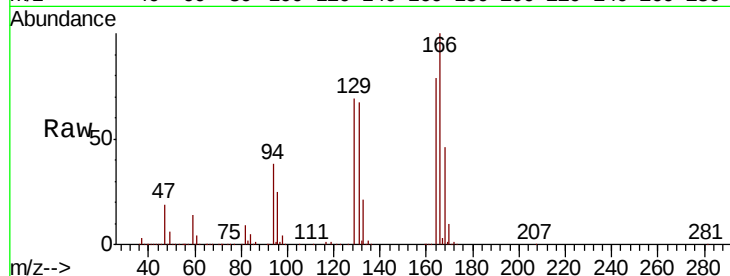
129 86.8 72.4 108.6

131 84.6 70.1 105.1

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#65

Chlorobenzene

Concen: 61.798 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014608.D

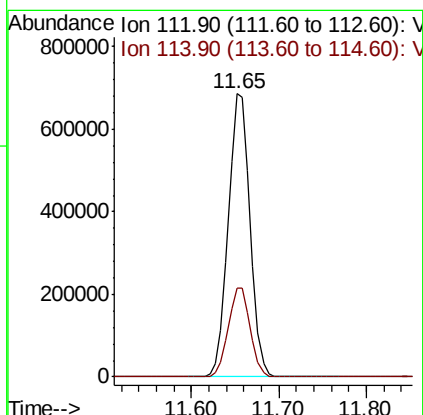
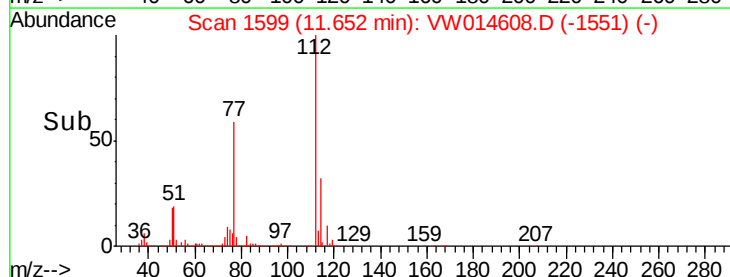
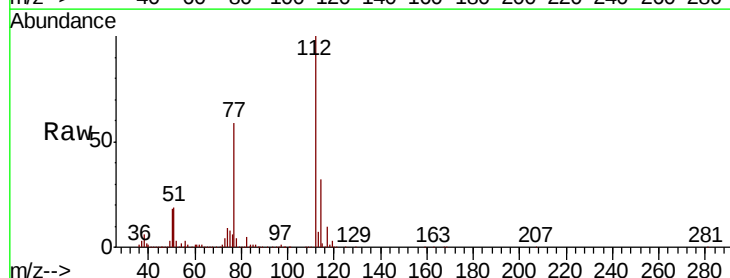
Acq: 10 Jan 2020 19:03

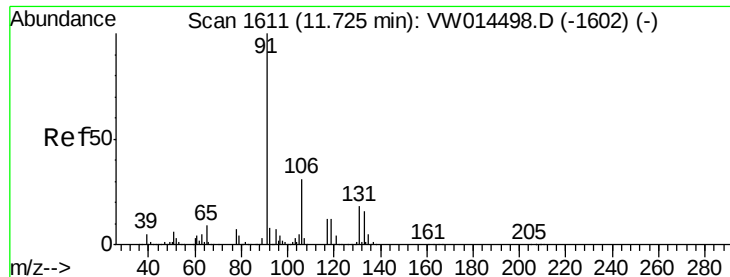
Tgt Ion:112 Resp: 1184866

Ion Ratio Lower Upper

112 100

114 31.6 24.6 37.0





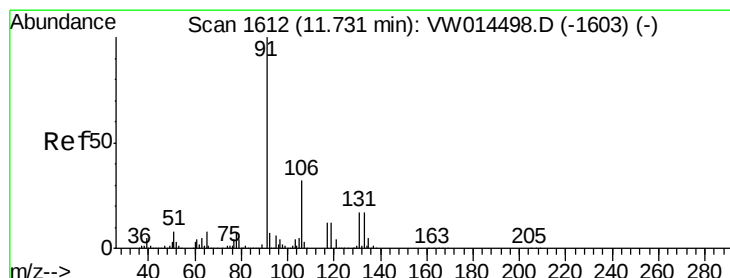
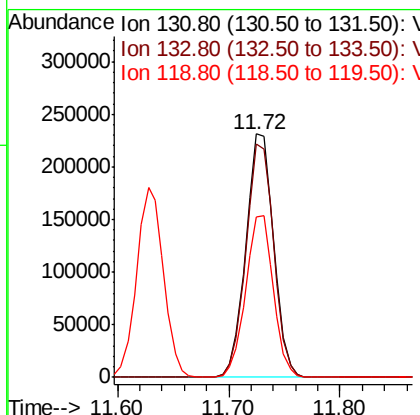
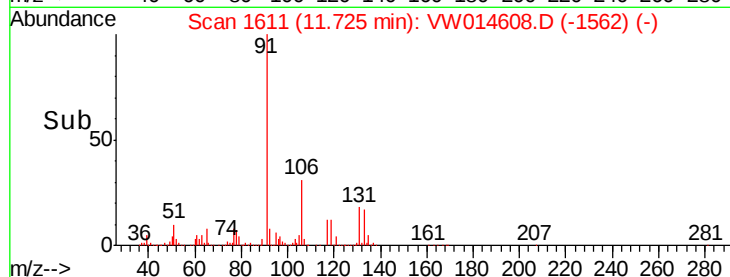
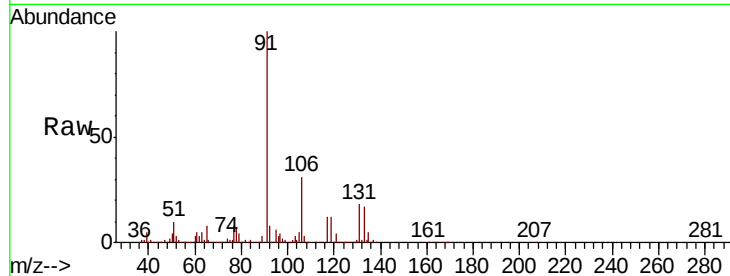
#66
 1,1,1,2-Tetrachloroethane
 Concen: 62.253 ug/l
 RT: 11.72 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100			
133	96.1	47.3	142.0	
119	65.9	33.1	99.3	

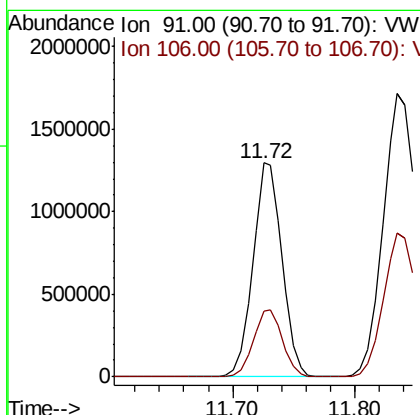
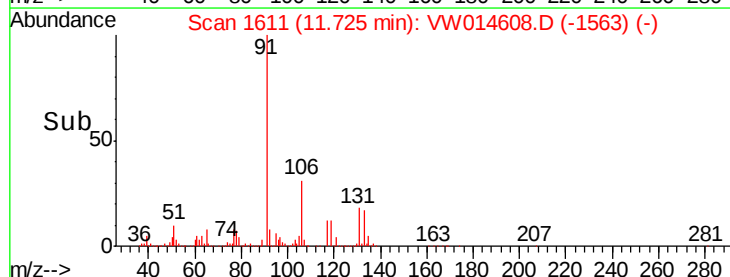
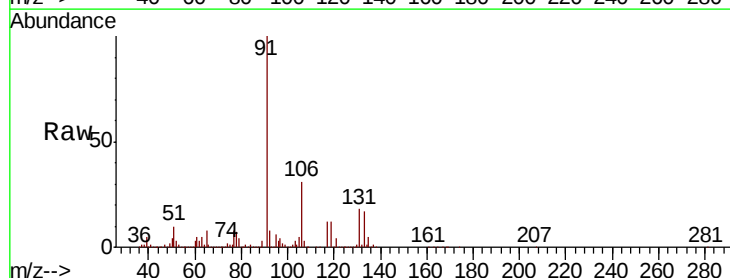
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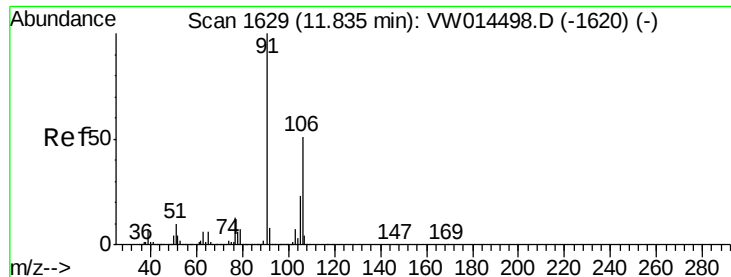
MMDadoda
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#67
 Ethyl Benzene
 Concen: 61.840 ug/l
 RT: 11.72 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
106	31.0	25.5	38.3	





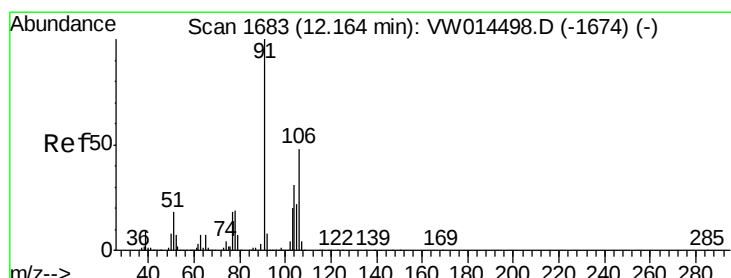
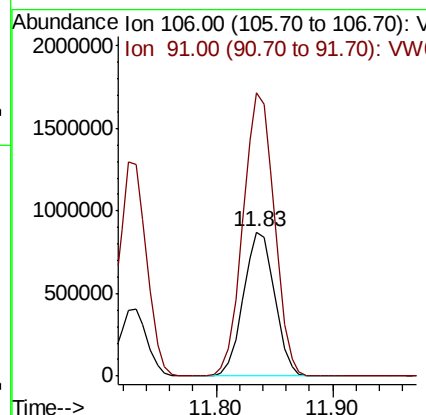
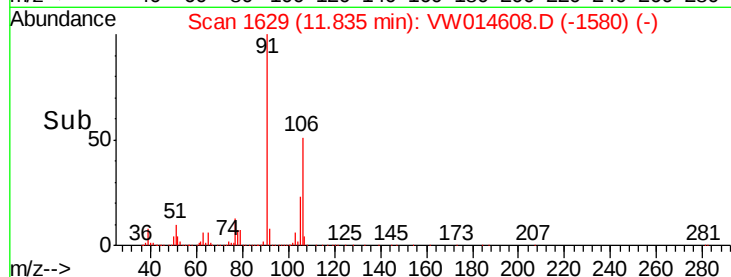
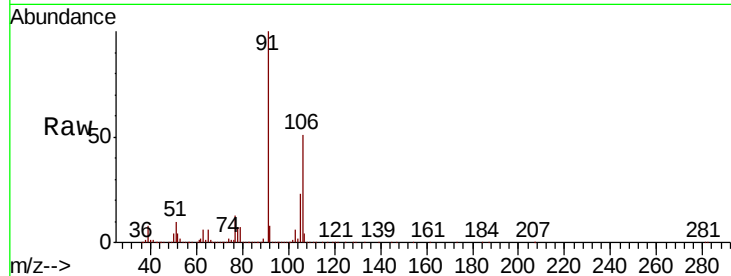
#68
m/p-Xylenes
Concen: 123.453 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion:106 Resp: 1632572
Ion Ratio Lower Upper
106 100
91 197.5 159.0 238.6

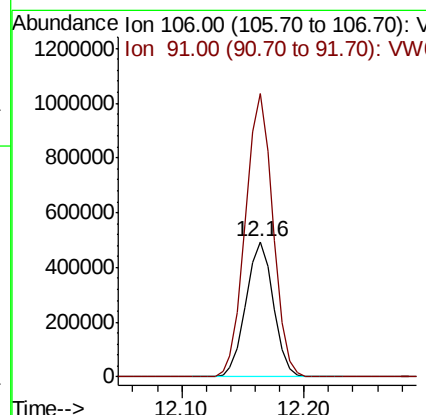
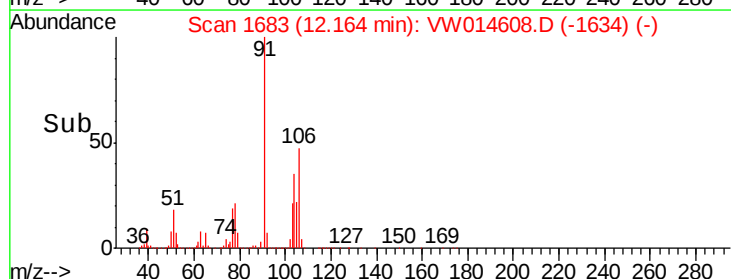
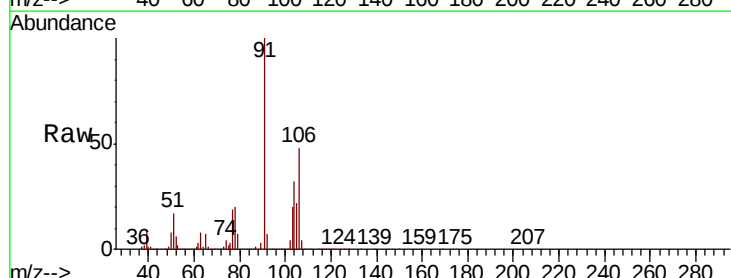
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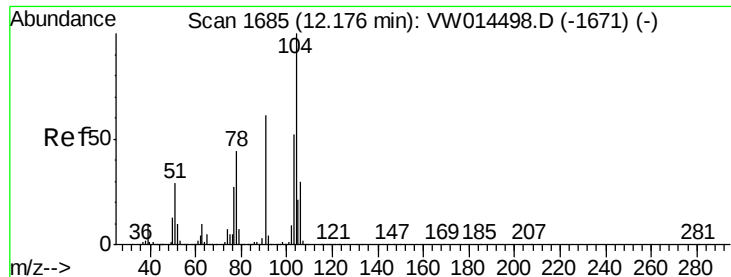
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#69
o-Xylene
Concen: 63.140 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion:106 Resp: 771279
Ion Ratio Lower Upper
106 100
91 209.7 105.2 315.6





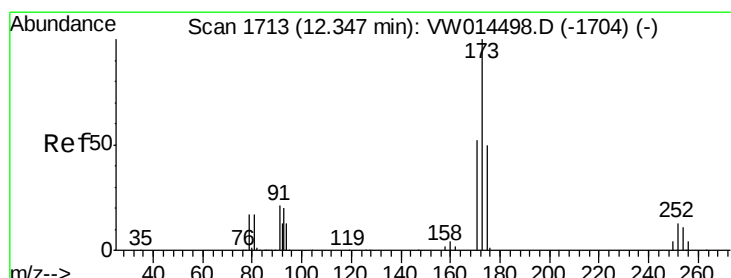
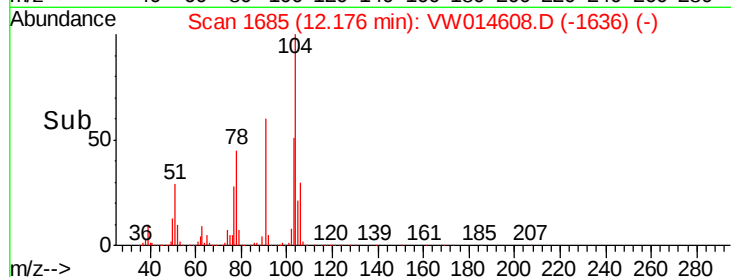
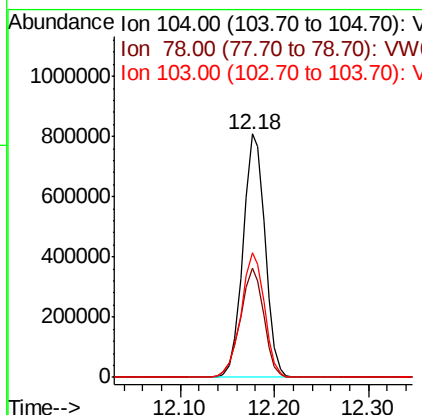
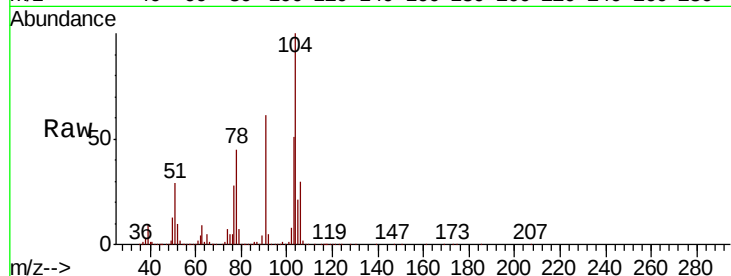
#70
Stvrene
Concen: 63.828 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.4	57.6
103	54.2	43.7	65.5

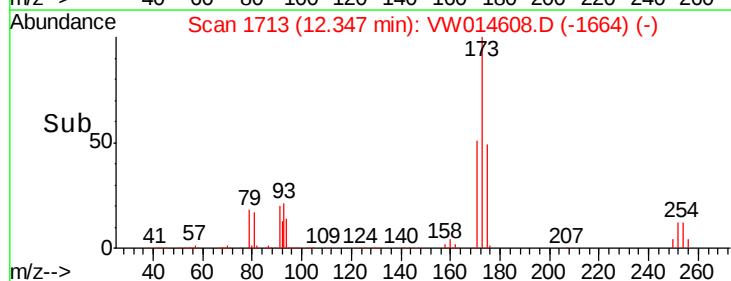
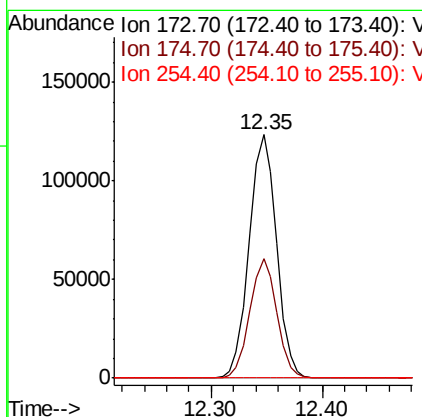
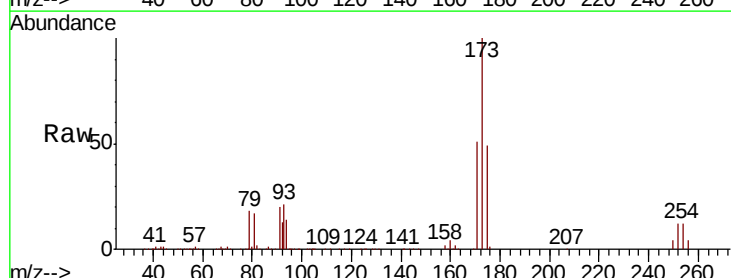
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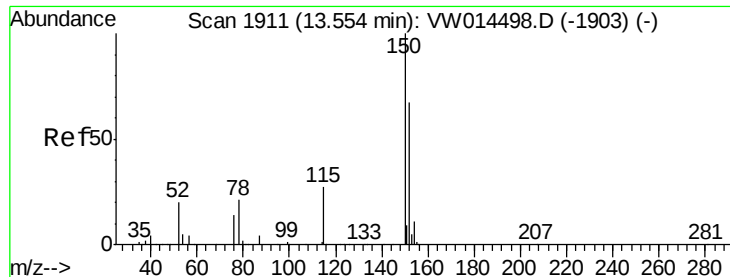
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#71
Bromoform
Concen: 60.149 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.5	73.5
254	0.0	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:152 Resp: 461780

Ion Ratio Lower Upper

152 100

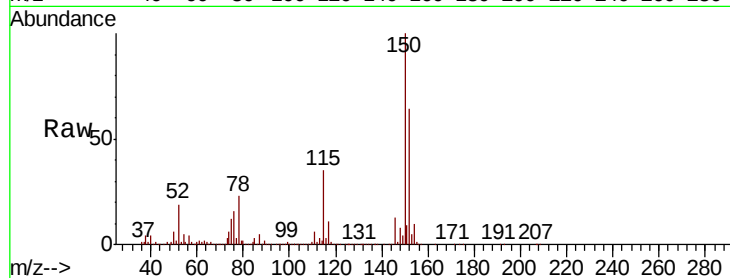
115 57.2 27.7 83.1

150 178.9 0.0 343.4

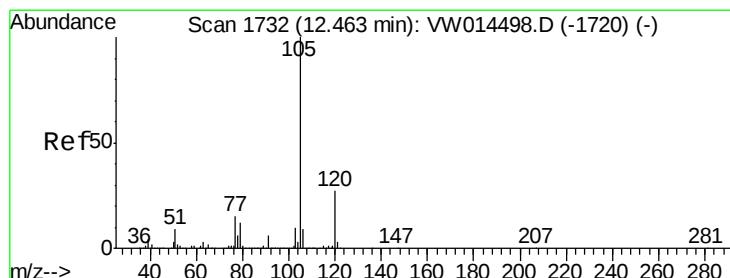
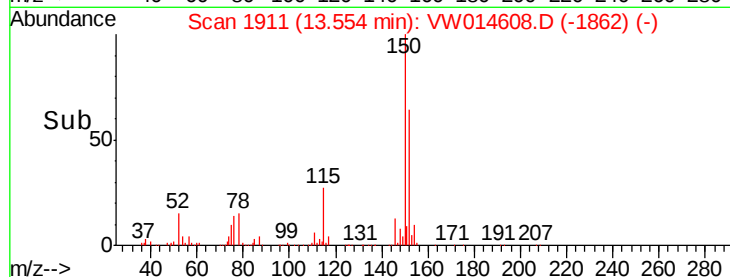
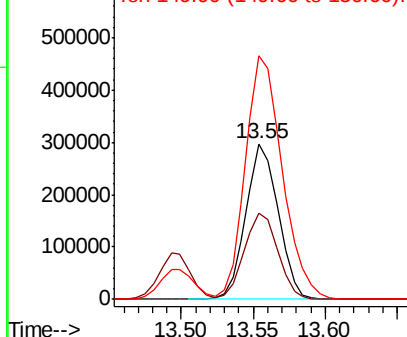
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 61.656 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014608.D

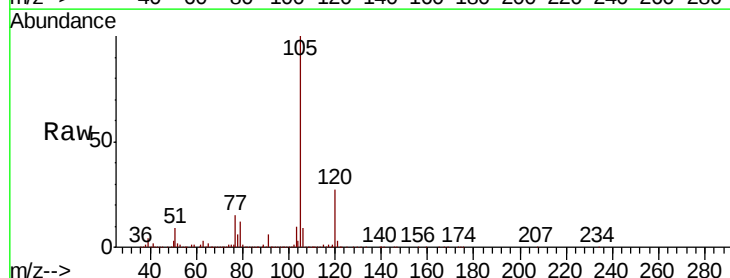
Acq: 10 Jan 2020 19:03

Tgt Ion:105 Resp: 2089104

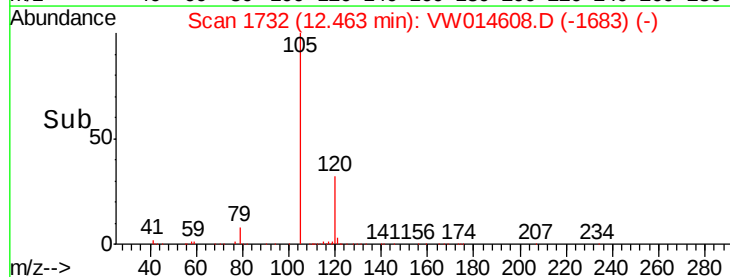
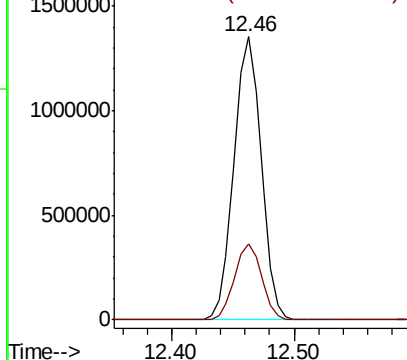
Ion Ratio Lower Upper

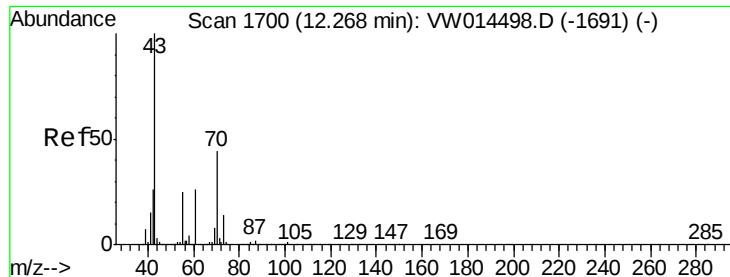
105 100

120 26.8 13.4 40.1



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





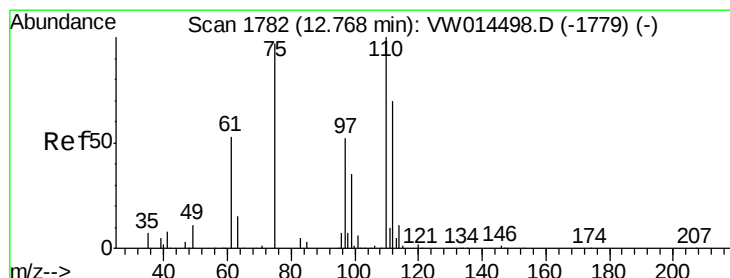
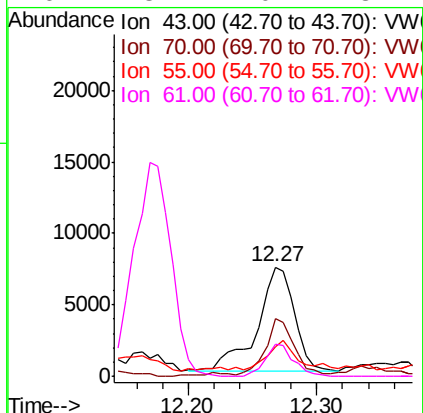
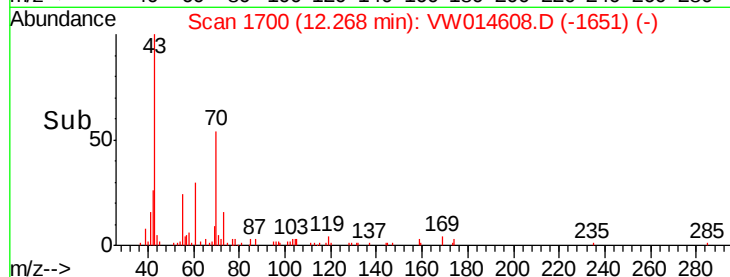
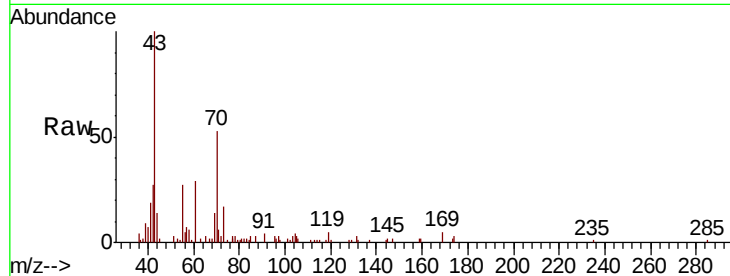
#74
N-amvl acetate
Concen: 1.963 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	43	Resp	14910
Ion	Ratio	Lower	Upper
43	100		
70	39.8	36.5	54.7
55	21.9	20.9	31.3
61	23.1	20.7	31.1

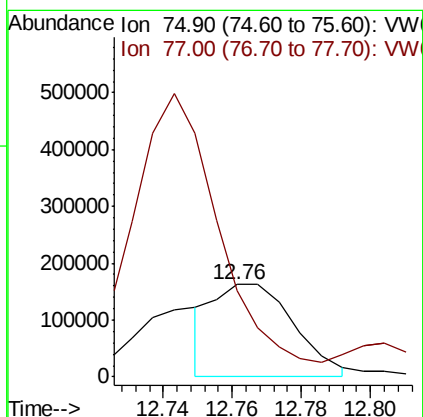
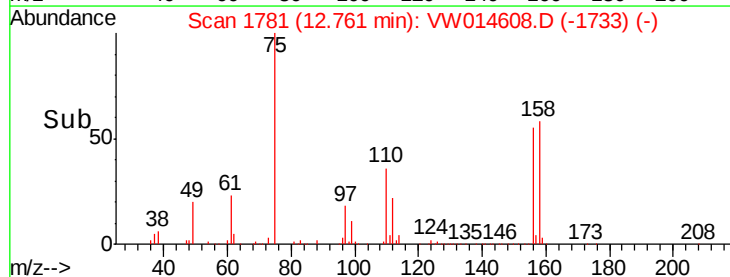
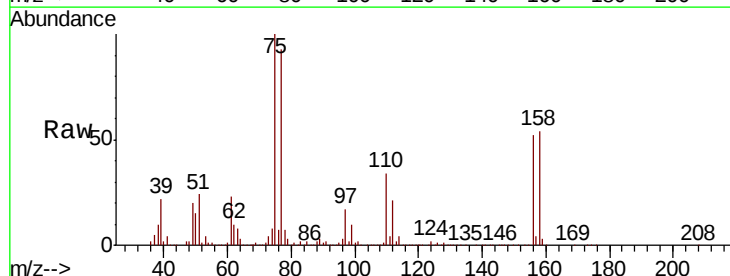
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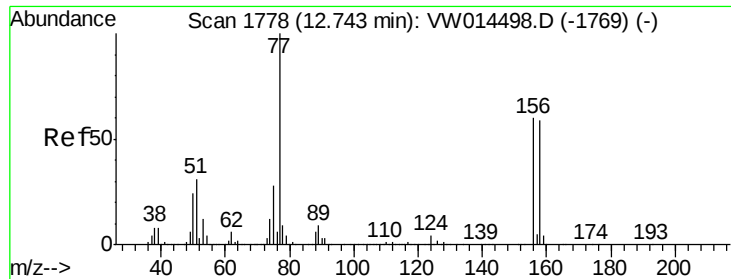
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#76
1,2,3-Trichloropropane
Concen: 60.836 ug/l m
RT: 12.76 min Scan# 1781
Delta R.T. -0.01 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	75	Resp	265612
Ion	Ratio	Lower	Upper
75	100		
77	335.0	0.0	0.0#





#77

Bromobenzene

Concen: 62.773 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

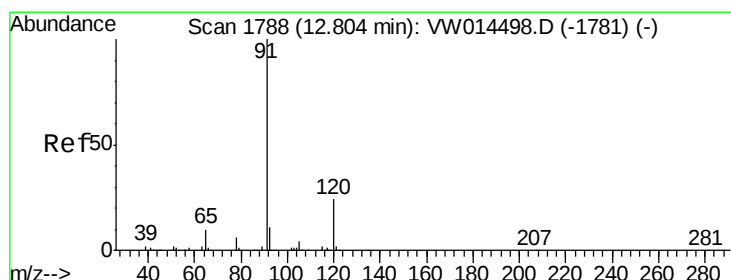
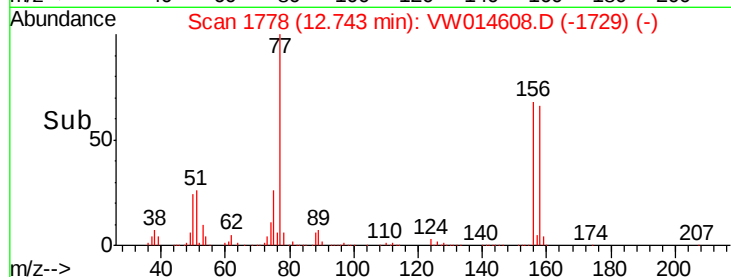
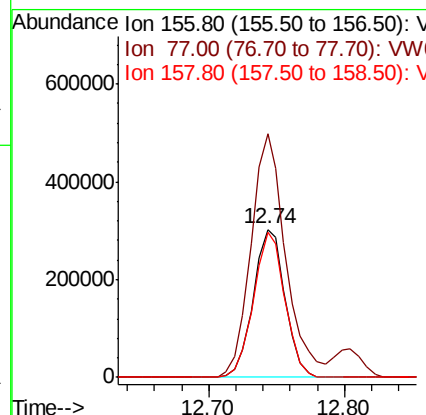
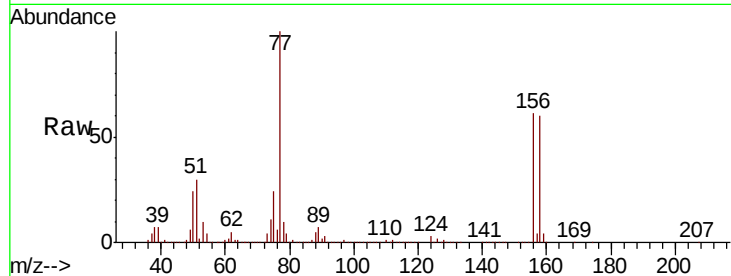
ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion:	156	Resp:	493999
Ion Ratio	Lower	Upper	
156	100		
77	180.1	92.3	277.1
158	97.1	48.6	145.9

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#78

n-propylbenzene

Concen: 61.379 ug/l

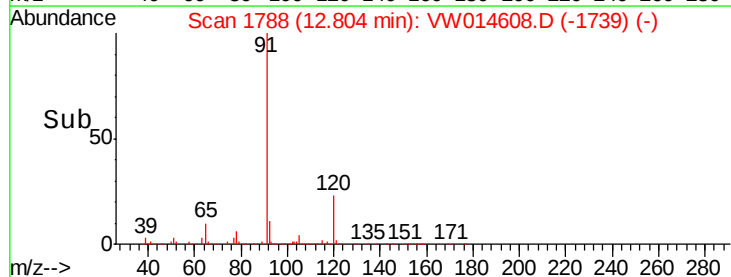
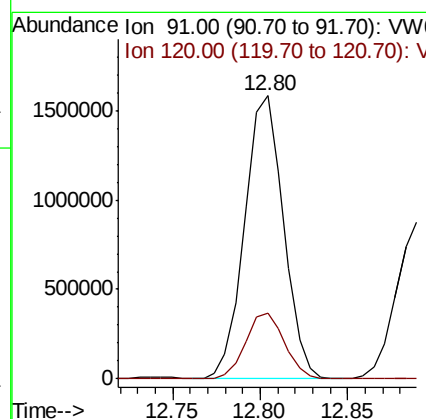
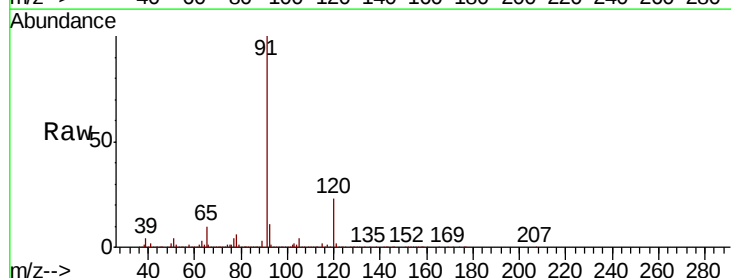
RT: 12.80 min Scan# 1788

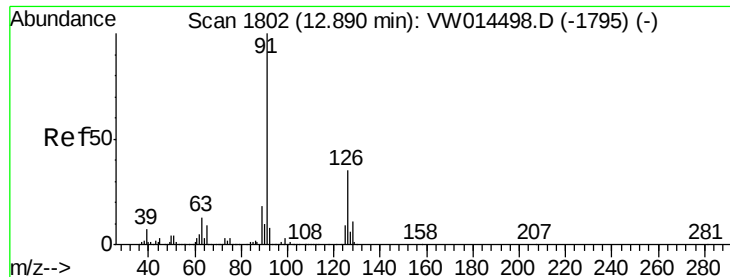
Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Tgt Ion:	91	Resp:	2445526
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 61.769 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Instrument :

MSVOA_W

ClientSampleId :

SB-3H-(8.5-10.5)MSD

Tot Ion: 91 Resp: 1400539

Ion Ratio Lower Upper

91 100

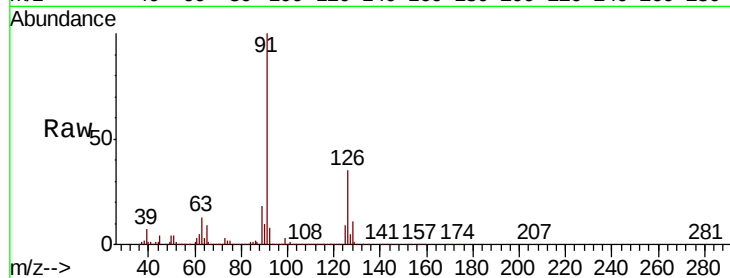
126 34.5 17.1 51.2

Manual Integrations

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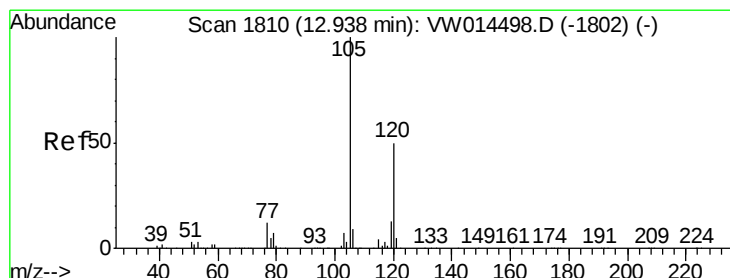
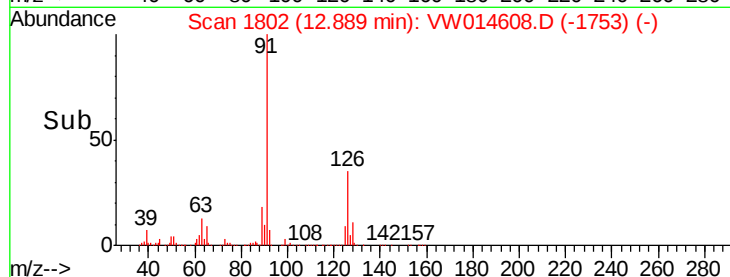
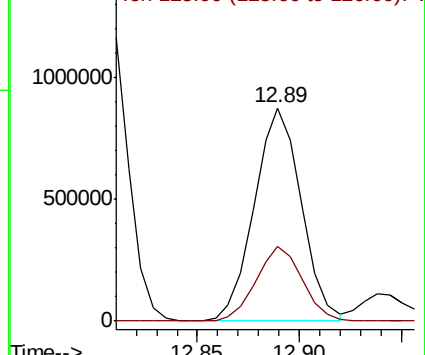
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 61.566 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014608.D

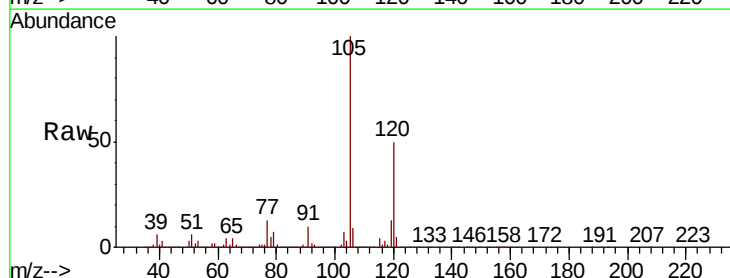
Acq: 10 Jan 2020 19:03

Tgt Ion:105 Resp: 1751511

Ion Ratio Lower Upper

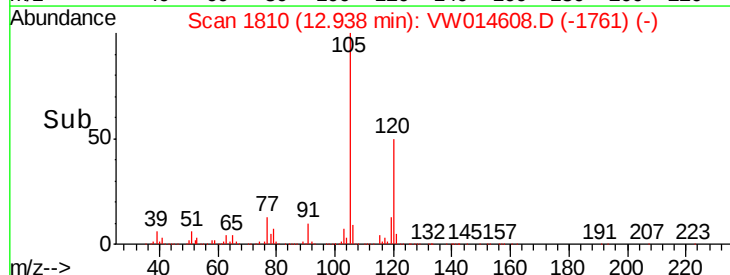
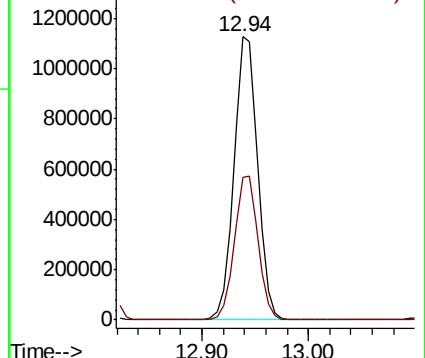
105 100

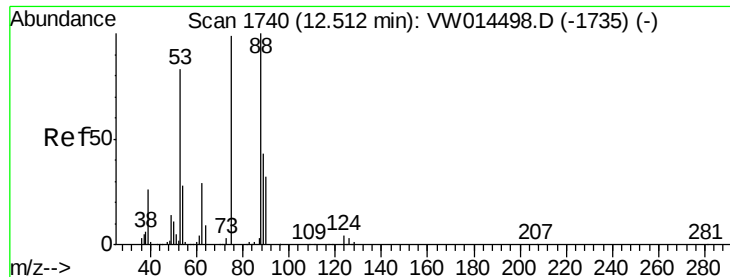
120 50.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





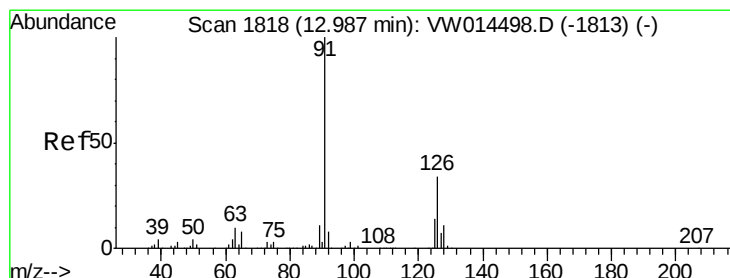
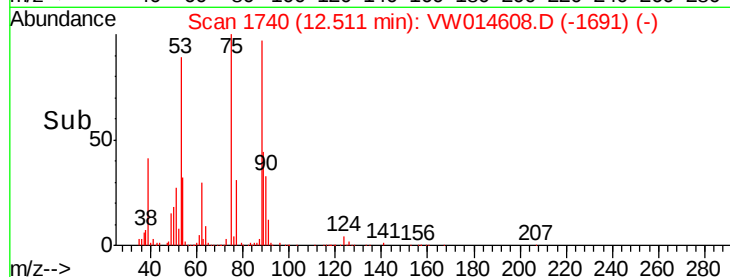
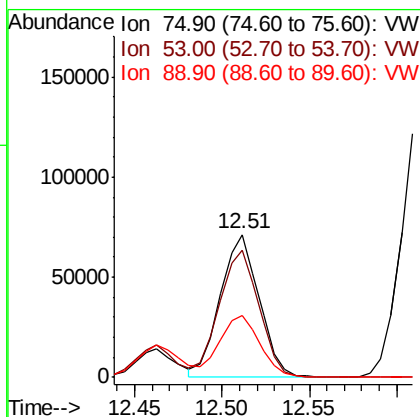
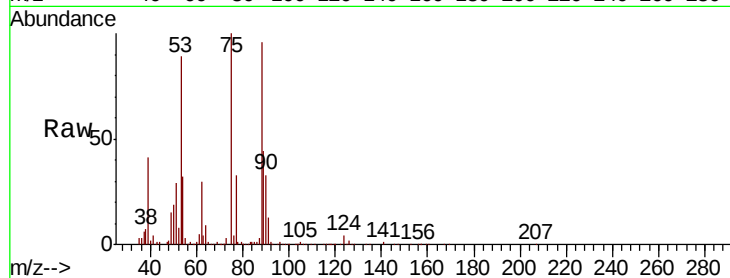
#81
trans-1,4-Dichloro-2-butene
Concen: 55.803 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.9	70.9	106.3
89	44.8	35.8	53.8

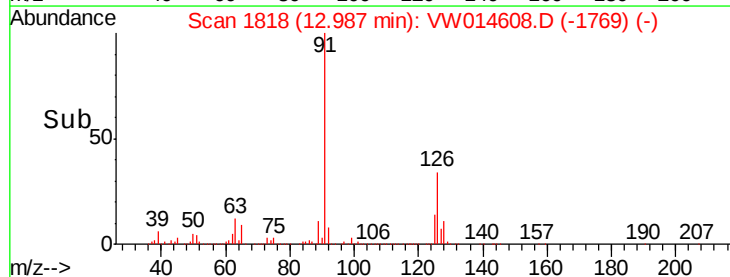
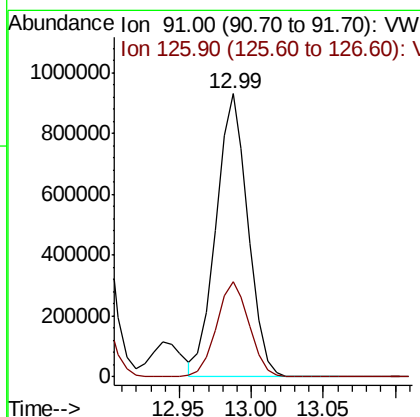
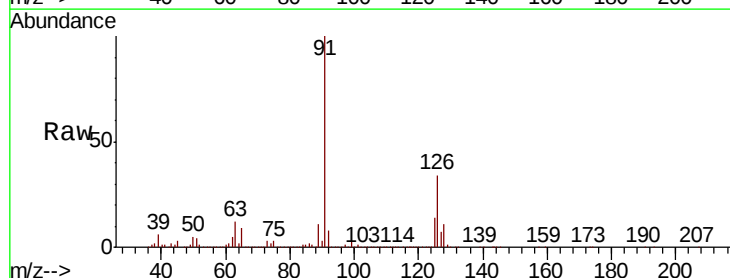
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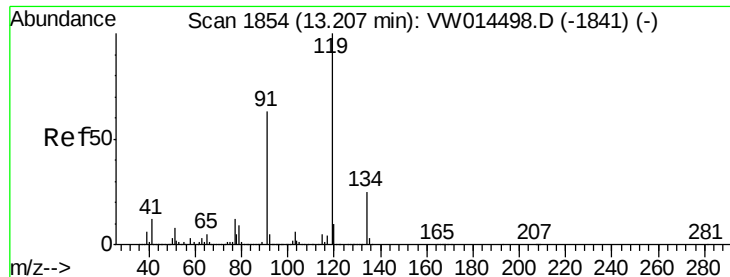
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#82
4-Chlorotoluene
Concen: 61.164 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.1	51.2





#83

tert-Butylbenzene

Concen: 60.690 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

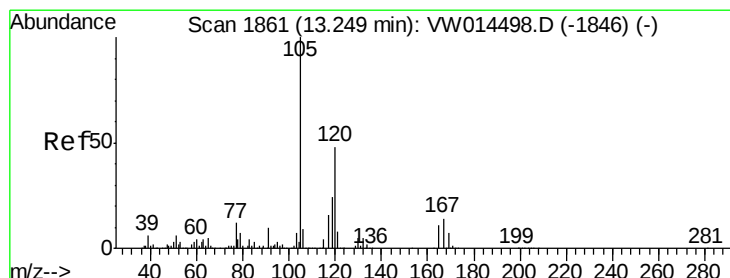
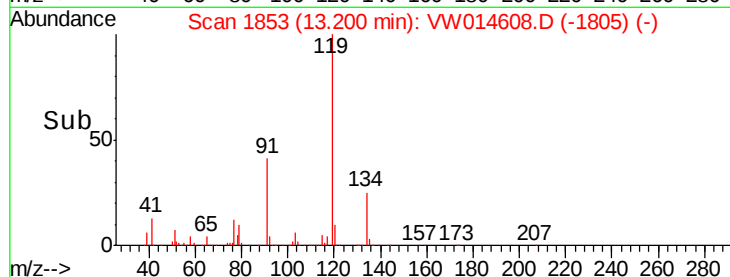
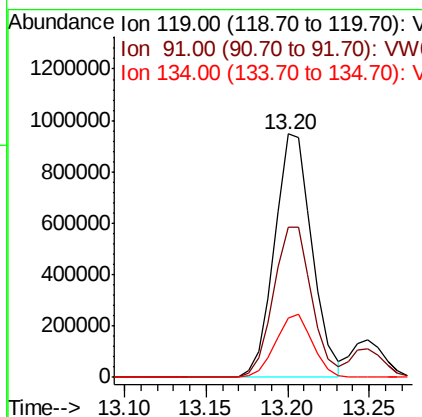
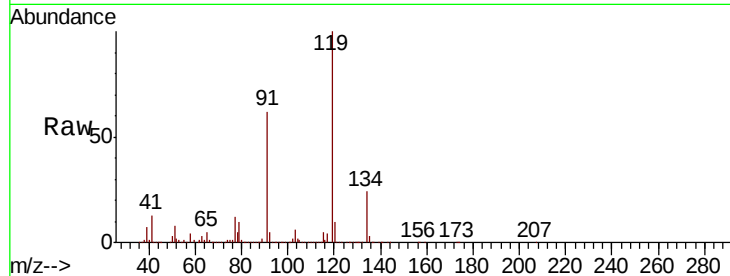
Instrument :
MSVOA_W

ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	31.1	93.3
134	25.4	13.5	40.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 61.980 ug/l

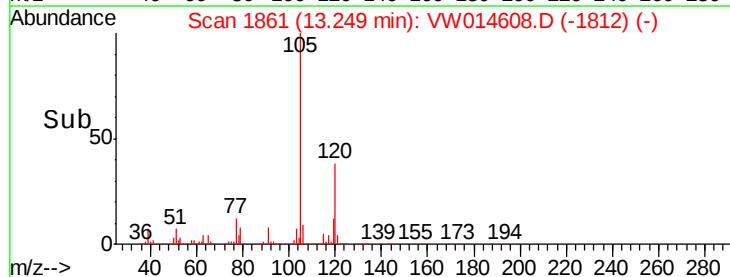
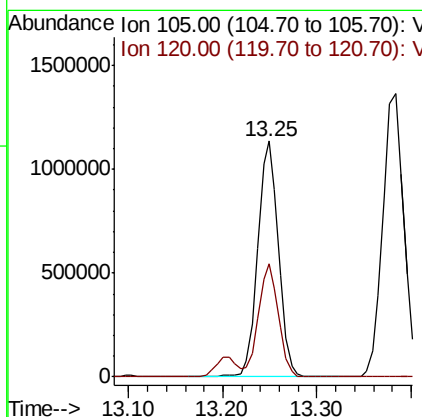
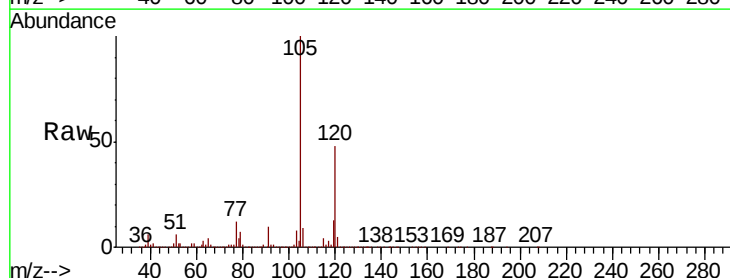
RT: 13.25 min Scan# 1861

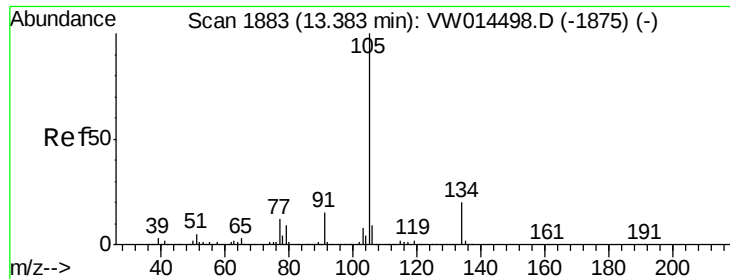
Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0





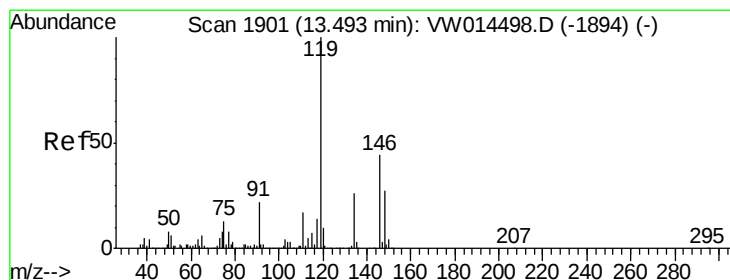
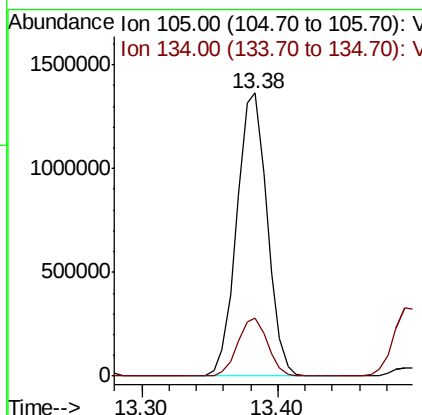
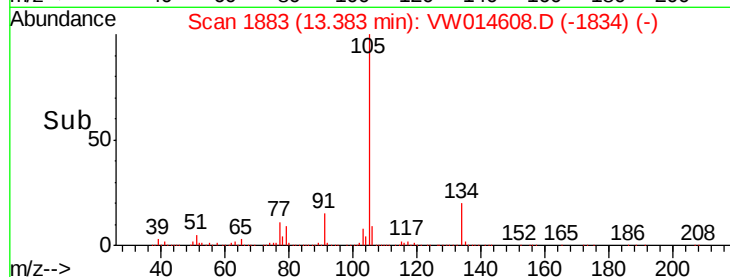
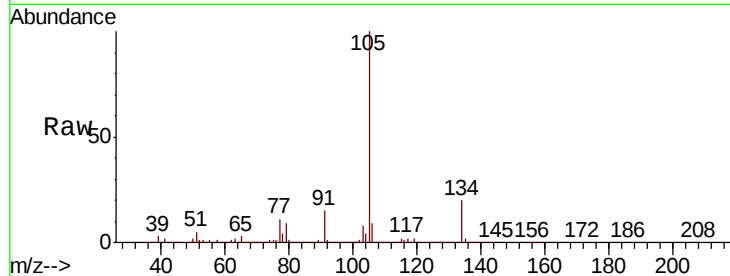
#85
 sec-Butylbenzene
 Concen: 61.593 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MSD

Tot Ion:105 Resp: 2123579
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

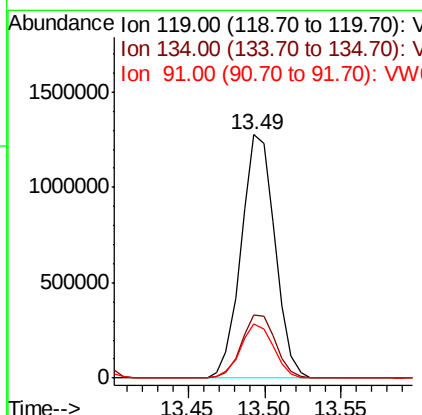
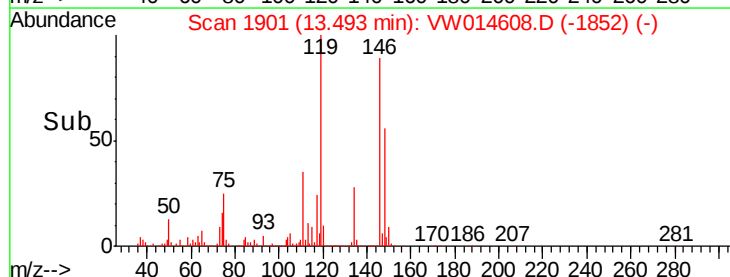
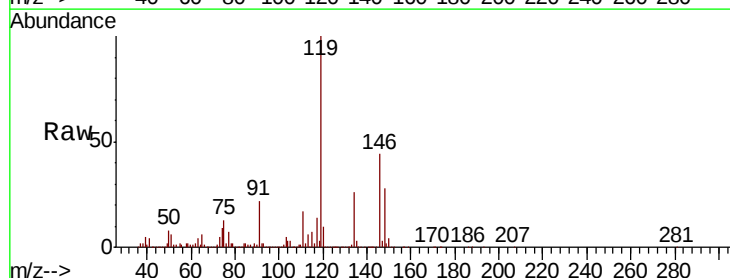
Manual Integrations
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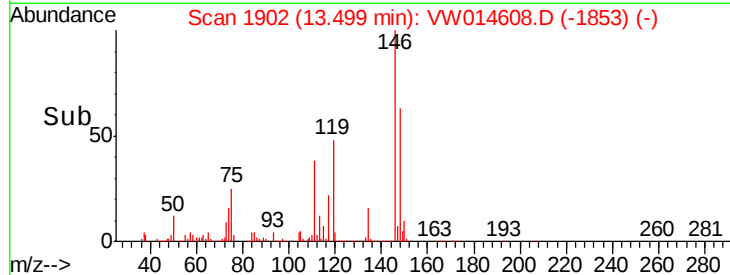
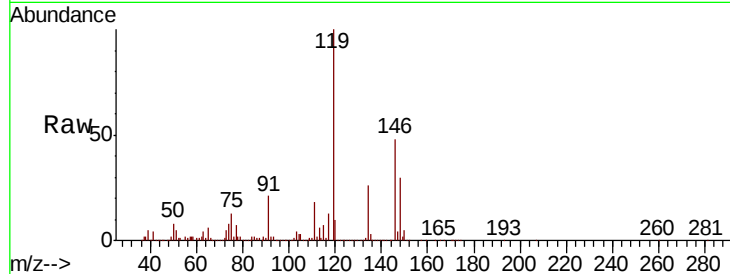
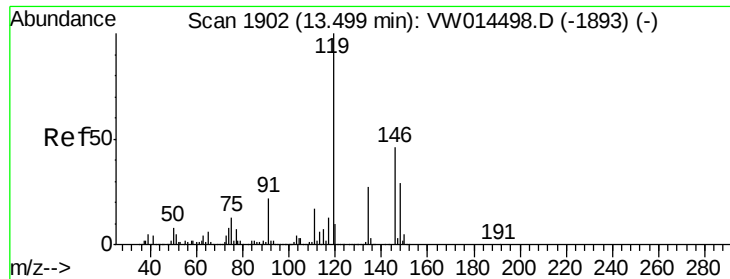
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#86
 p-Isopropyltoluene
 Concen: 62.075 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Tgt Ion:119 Resp: 1950775
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 21.8 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 61.836 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

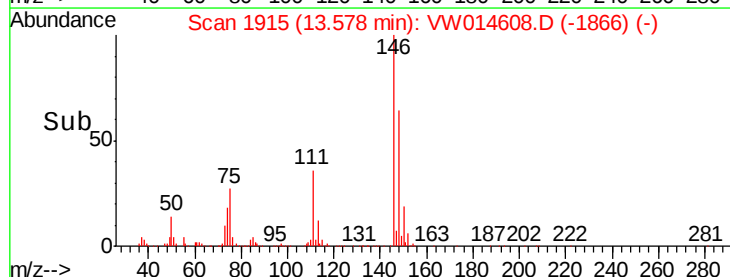
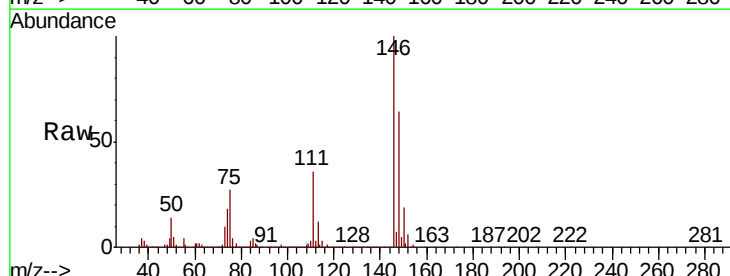
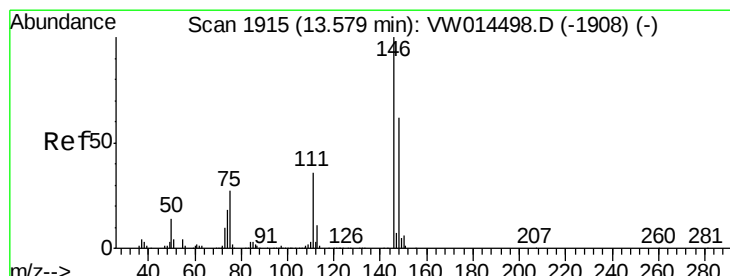
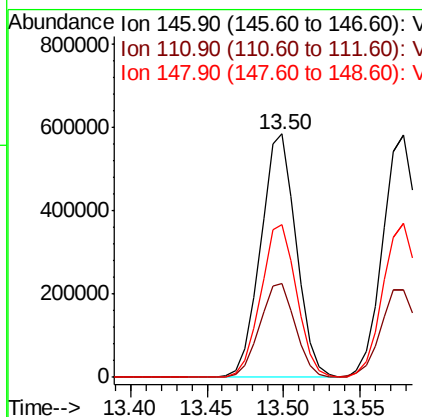
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	63.1	31.8	95.4

Instrument :
MSVOA_W

ClientSampleId :
SB-3H-(8.5-10.5)MSD

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#88

1,4-Dichlorobenzene

Concen: 61.833 ug/l

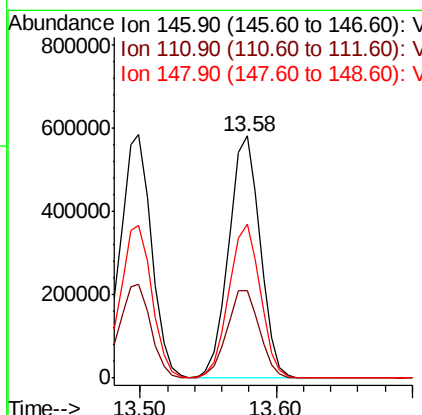
RT: 13.58 min Scan# 1915

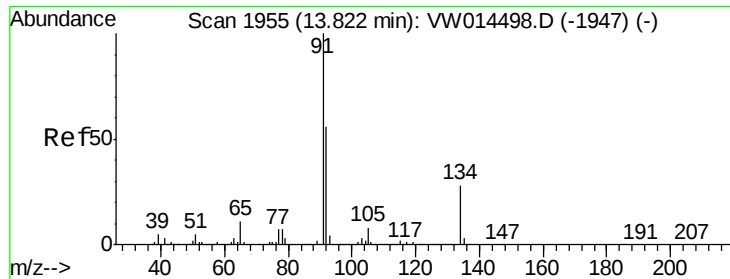
Delta R.T. -0.00 min

Lab File: VW014608.D

Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.9	31.7	95.1





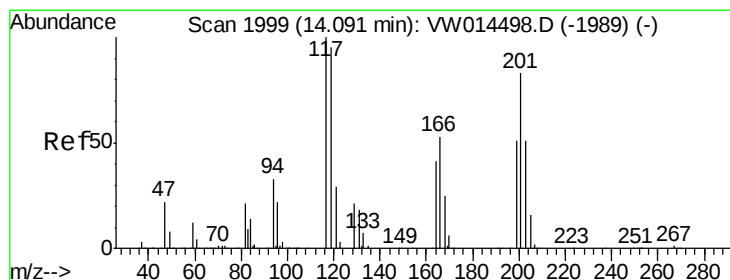
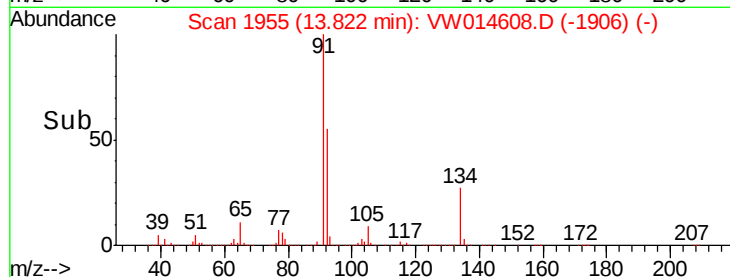
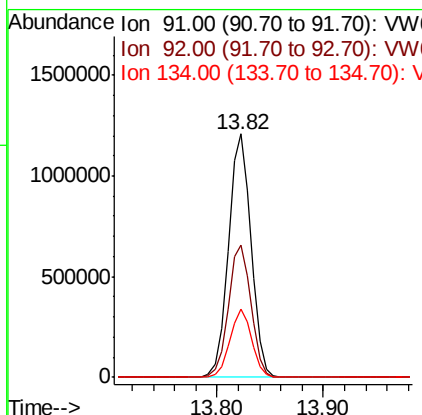
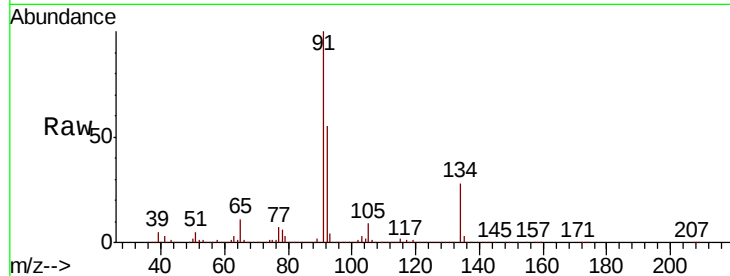
#89
n-Butylbenzene
Concen: 61.184 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.5	82.5
134	27.1	13.7	41.1

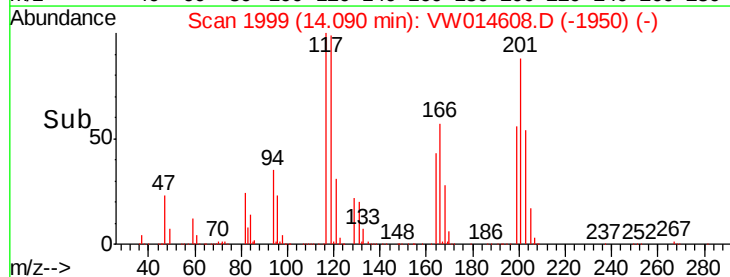
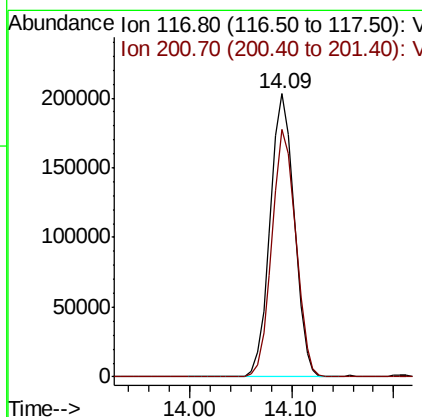
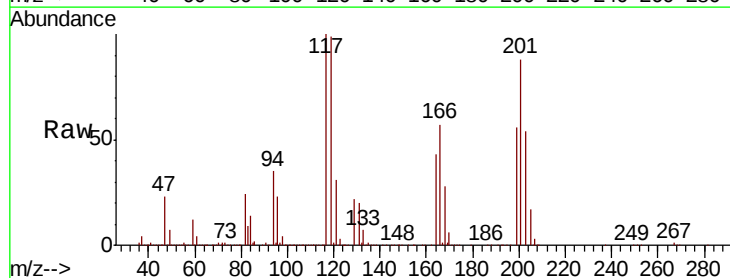
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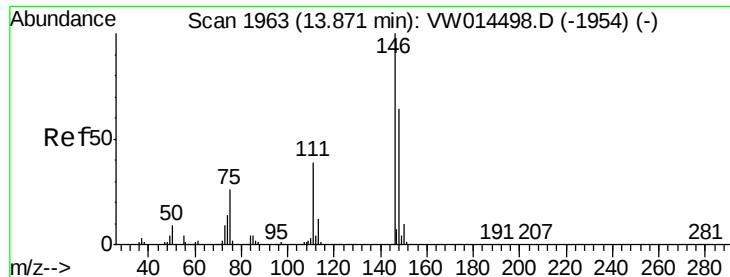
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#90
Hexachloroethane
Concen: 60.507 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	43.0	128.8





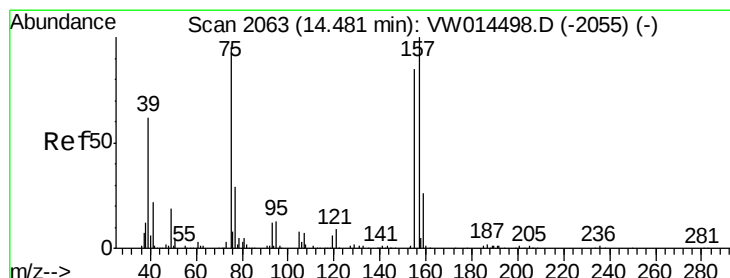
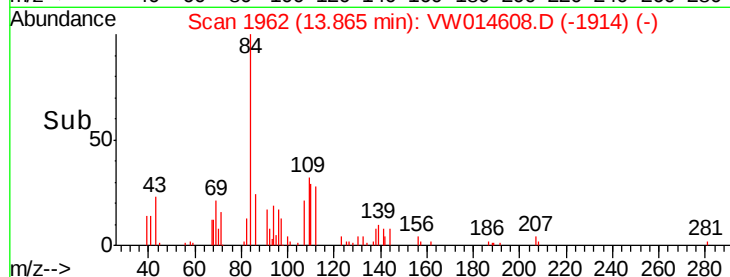
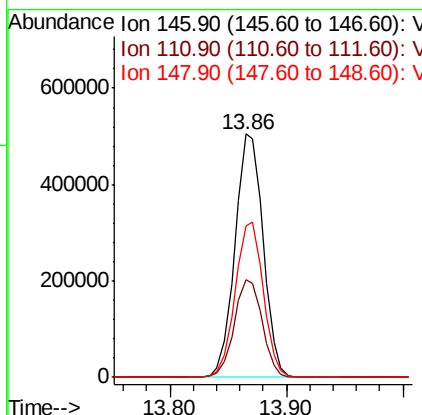
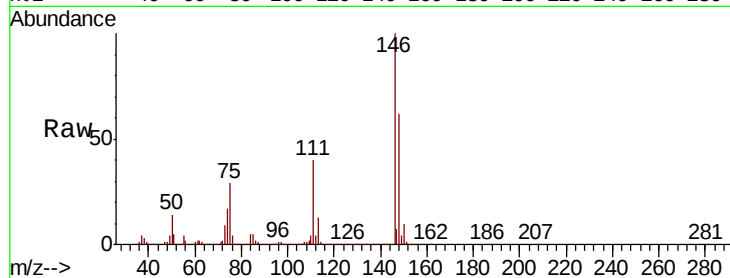
#91
 1,2-Dichlorobenzene
 Concen: 63.216 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.3
148	63.7	32.3	96.8

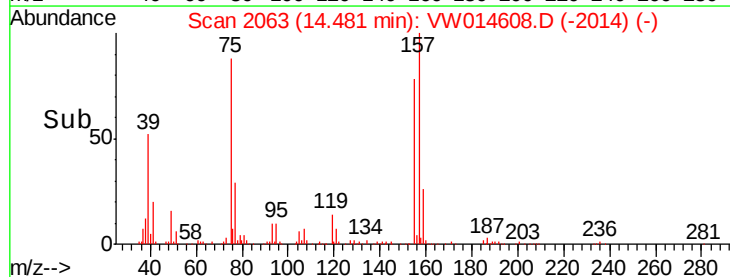
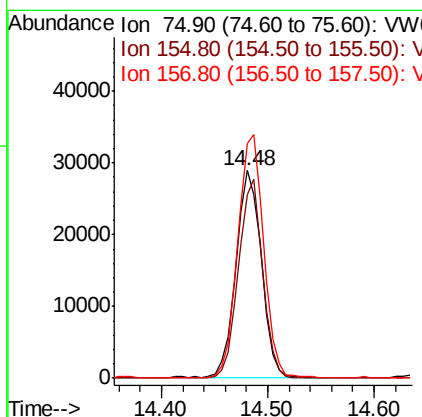
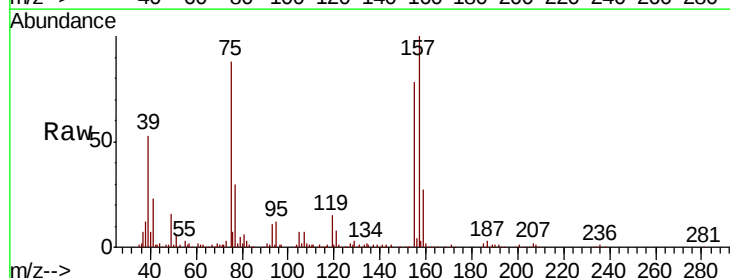
Manual Integrations
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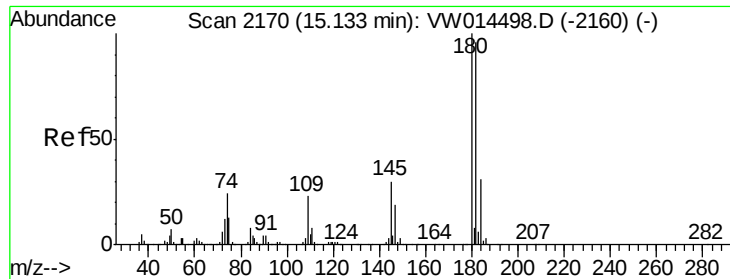
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.610 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	45.8	137.4
157	119.3	58.1	174.2





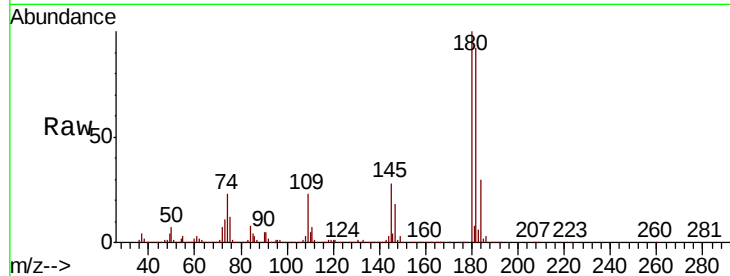
#93
 1,2,4-Trichlorobenzene
 Concen: 66.203 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	601318		
182	94.6	47.3	141.8	
145	28.9	14.7	44.1	

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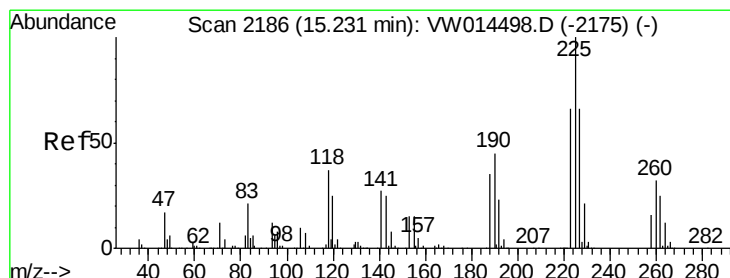
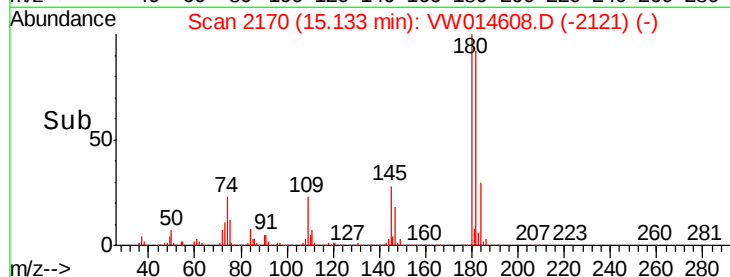
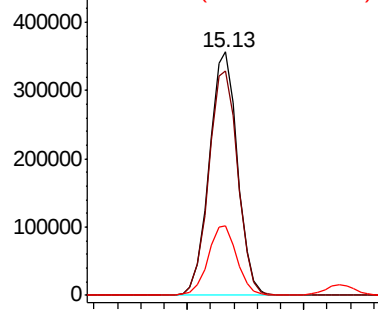


Abundance

Ion 179.80 (179.50 to 180.50): V

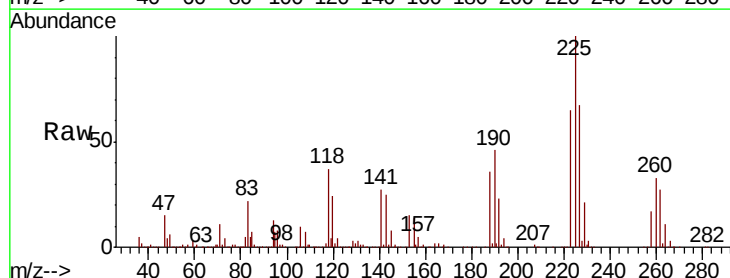
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.459 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW014608.D
 Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	337570		
223	64.0	32.4	97.2	
227	65.7	32.6	97.8	

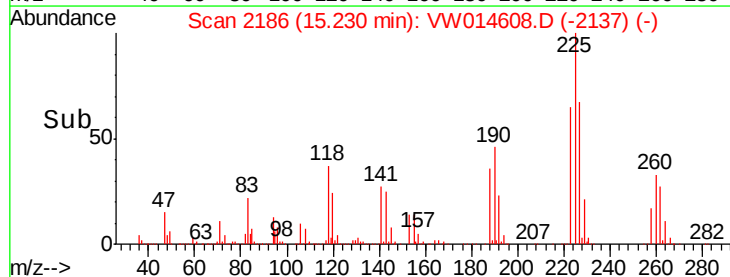
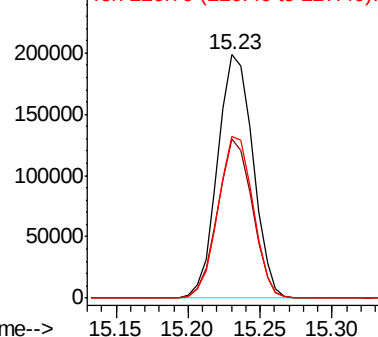


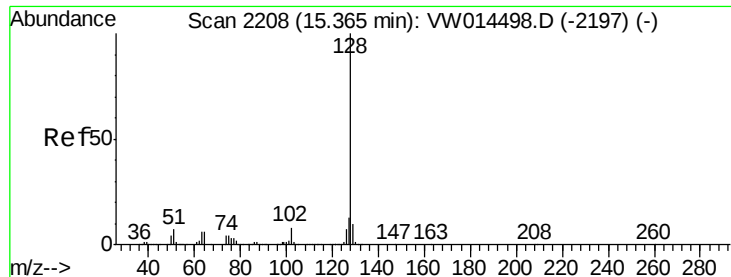
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





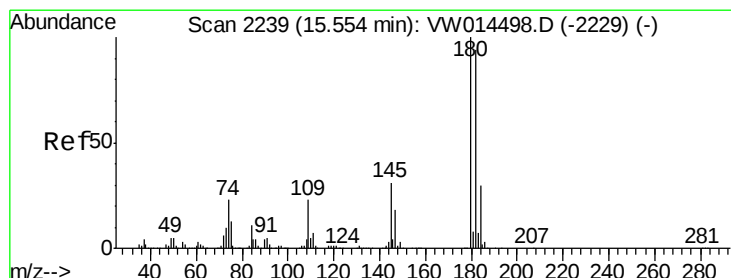
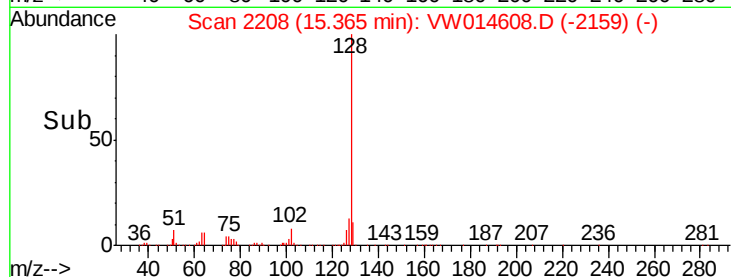
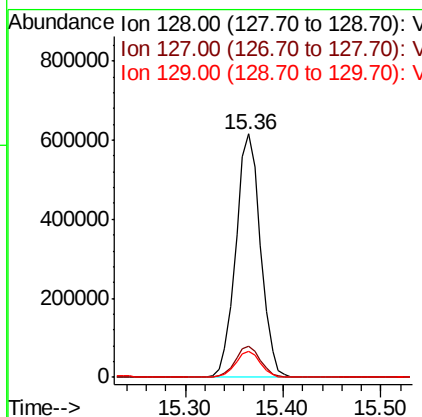
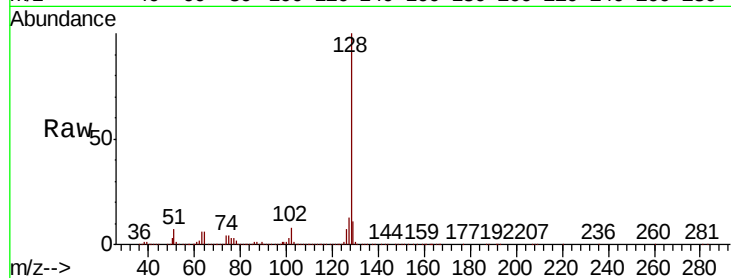
#95
Naphthalene
Concen: 69.452 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Instrument :
MSVOA_W
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 12:01:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 65.769 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014608.D
Acq: 10 Jan 2020 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	31.0	15.5	46.5

