

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015301.D
 Acq On : 22 Apr 2020 12:21
 Operator : SY/VA
 Sample : VW0422SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:32:52 PM

Quant Time: Apr 23 09:30:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	89418	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.88	113	91924	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.32	98	371731	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.62	95	141510	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	36741	20.264	ug/l	95
3) Chloromethane	2.21	50	39206	19.856	ug/l	99
4) Vinyl Chloride	2.36	62	47280	20.278	ug/l	100
5) Bromomethane	2.76	94	39043	23.551	ug/l	91
6) Chloroethane	2.92	64	28695	19.841	ug/l	99
7) Trichlorofluoromethane	3.26	101	68703	20.824	ug/l	98
8) Diethyl Ether	3.68	74	17337	18.721	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42746	21.010	ug/l	91
10) Methyl Iodide	4.27	142	36913	17.273	ug/l	98
11) Tert butyl alcohol	5.17	59	14324	93.590	ug/l	97
12) 1,1-Dichloroethene	4.04	96	40461	20.661	ug/l	95
13) Acrolein	3.90	56	9446	117.918	ug/l	93
14) Allyl chloride	4.67	41	50082	19.277	ug/l	86
15) Acrylonitrile	5.37	53	30687	87.074	ug/l	98
16) Acetone	4.13	43	26476	80.735	ug/l	100
17) Carbon Disulfide	4.38	76	114681	19.706	ug/l	100
18) Methyl Acetate	4.67	43	14585	16.802	ug/l	91
19) Methyl tert-butyl Ether	5.43	73	86459	19.232	ug/l	96
20) Methylene Chloride	4.92	84	41969	19.527	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	45017	20.268	ug/l	98
22) Diisopropyl ether	6.31	45	97545	19.572	ug/l #	90
23) Vinyl Acetate	6.26	43	275702	94.266	ug/l	95
24) 1,1-Dichloroethane	6.21	63	69221	20.040	ug/l	99
25) 2-Butanone	7.17	43	38100	87.569	ug/l #	87
26) 2,2-Dichloropropane	7.16	77	73989	20.361	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	49477	20.634	ug/l	98
28) Bromochloromethane	7.51	49	24748	19.706	ug/l #	71
29) Tetrahydrofuran	7.53	42	23077	85.135	ug/l #	86
30) Chloroform	7.68	83	76294	20.465	ug/l	99
31) Cyclohexane	7.95	56	69046	19.886	ug/l #	86
32) 1,1,1-Trichloroethane	7.87	97	75327	20.936	ug/l	99
36) 1,1-Dichloropropene	8.08	75	62478	21.289	ug/l	98
37) Ethyl Acetate	7.25	43	17026	17.876	ug/l #	96
38) Carbon Tetrachloride	8.07	117	67358	21.003	ug/l	92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79947	20.467	ug/l	94
40) Benzene	8.32	78	162532	20.733	ug/l	96
41) Methacrylonitrile	7.49	41	10829	18.949	ug/l	98
42) 1,2-Dichloroethane	8.40	62	46012	19.937	ug/l	99
43) Isopropyl Acetate	8.42	43	37125	18.585	ug/l	94
44) Trichloroethene	9.09	130	52202	21.770	ug/l	95
45) 1,2-Dichloropropane	9.37	63	37014	20.303	ug/l	100
46) Dibromomethane	9.46	93	20669	19.600	ug/l #	87
47) Bromodichloromethane	9.64	83	57535	20.409	ug/l	100
48) Methyl methacrylate	9.43	41	15760	16.689	ug/l #	78
49) 1,4-Dioxane	9.46	88	4579	325.707	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	82257	87.720	ug/l	96
52) Toluene	10.38	92	112234	20.456	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	54223	19.506	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	65248	20.194	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	28839	19.530	ug/l	99
56) Ethyl methacrylate	10.65	69	34283	18.022	ug/l	92
57) 1,3-Dichloropropane	10.93	76	48526	19.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	82241	93.249	ug/l #	88
59) 2-Hexanone	10.97	43	57411	85.767	ug/l	97
60) Dibromochloromethane	11.13	129	39537	20.278	ug/l	99
61) 1,2-Dibromoethane	11.23	107	28175	19.554	ug/l	99
64) Tetrachloroethene	10.86	164	46379	21.803	ug/l	93
65) Chlorobenzene	11.66	112	122536	20.952	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	45015	21.415	ug/l	97
67) Ethyl Benzene	11.73	91	230960	21.176	ug/l	99
68) m/p-Xylenes	11.84	106	179506	41.988	ug/l	100
69) o-Xylene	12.16	106	83611	20.953	ug/l	99
70) Styrene	12.18	104	140227	20.616	ug/l	100
71) Bromoform	12.35	173	23329	19.697	ug/l #	98
73) Isopropylbenzene	12.46	105	235575	20.914	ug/l	99
74) N-amyl acetate	12.27	43	34327	17.517	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	29897	18.694	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23816m	18.950	ug/l	
77) Bromobenzene	12.74	156	54750	21.157	ug/l	81
78) n-propylbenzene	12.80	91	276535	21.086	ug/l	97
79) 2-Chlorotoluene	12.89	91	156047	21.113	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	204590	21.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10299	17.914	ug/l	95
82) 4-Chlorotoluene	12.99	91	164366	20.946	ug/l	98
83) tert-Butylbenzene	13.21	119	180501	21.284	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	198671	20.759	ug/l	99
85) sec-Butylbenzene	13.38	105	246617	21.057	ug/l	98
86) p-Isopropyltoluene	13.50	119	233105	21.420	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109283	21.254	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	108275	21.482	ug/l	98
89) n-Butylbenzene	13.82	91	208101	20.921	ug/l	97
90) Hexachloroethane	14.09	117	41664	20.876	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	94790	21.215	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5182	17.905	ug/l	91

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65713	21.159	ug/l	98
94) Hexachlorobutadiene	15.23	225	45657	22.050	ug/l	99
95) Naphthalene	15.36	128	94336	18.883	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	53105	21.016	ug/l	95

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

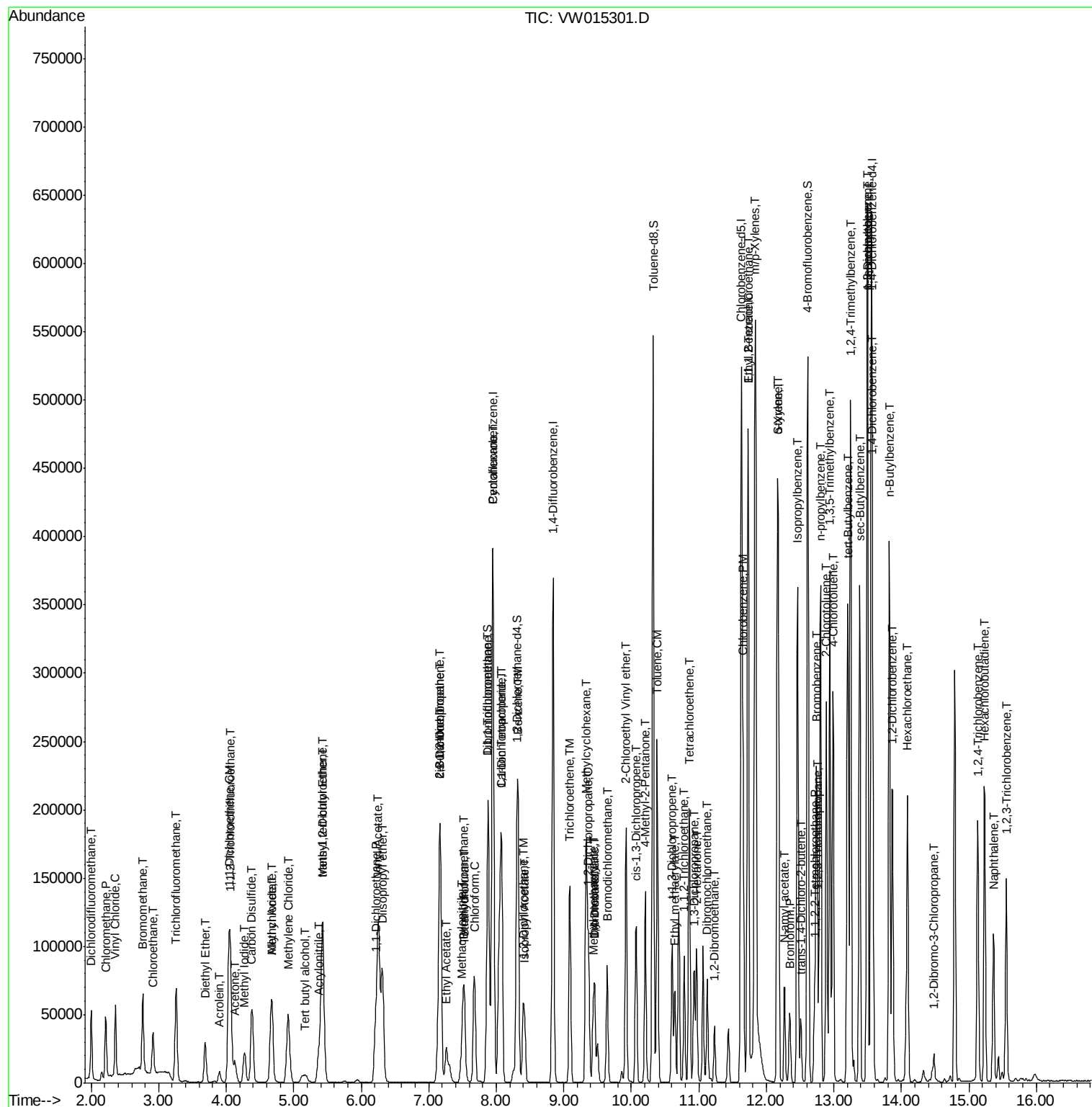
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042220\
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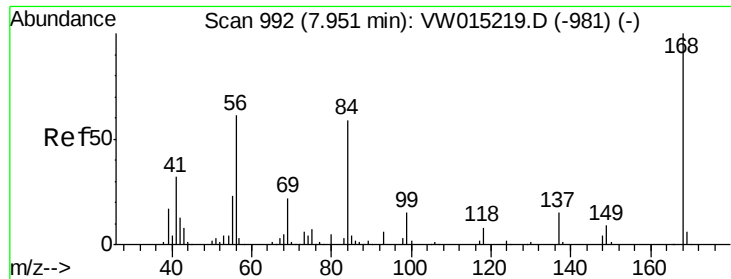
Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion:168 Resp: 229600

Ion Ratio Lower Upper

168 100

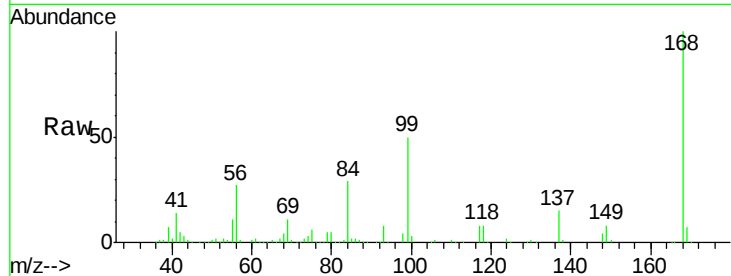
99 50.0 48.5 72.7

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

120000

100000

80000

60000

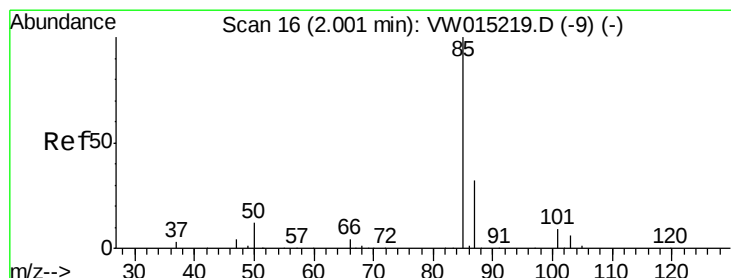
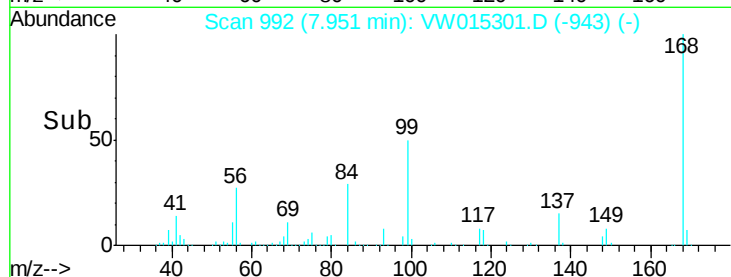
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.264 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015301.D

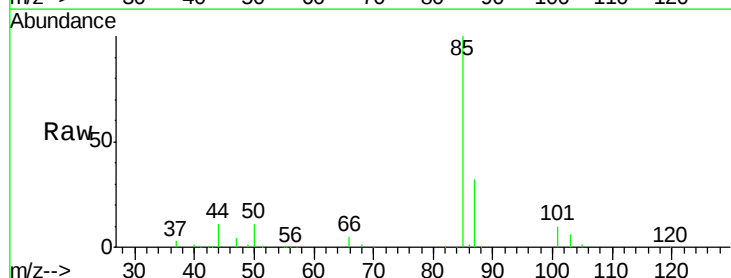
Acq: 22 Apr 2020 12:21

Tgt Ion: 85 Resp: 36741

Ion Ratio Lower Upper

85 100

87 31.6 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

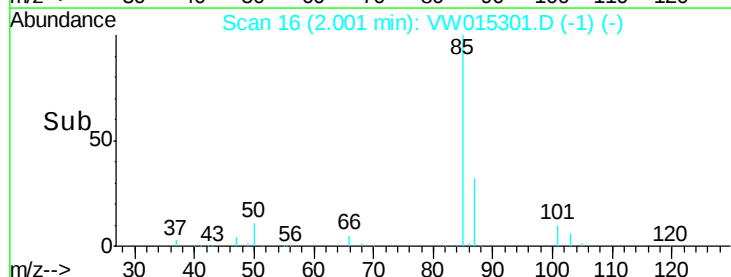
10000

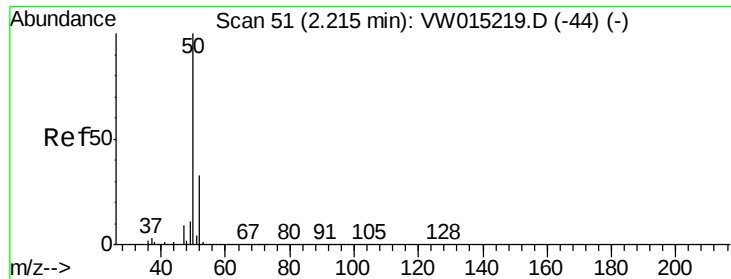
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.856 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion: 50 Resp: 39206

Ion Ratio Lower Upper

50 100

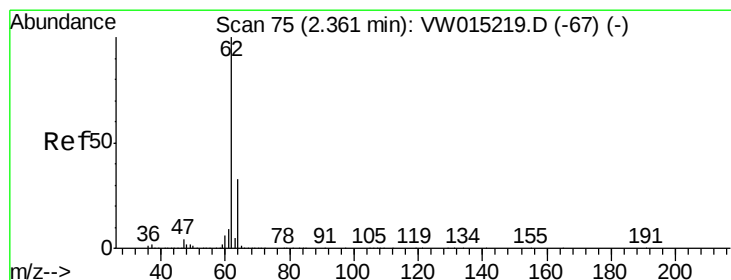
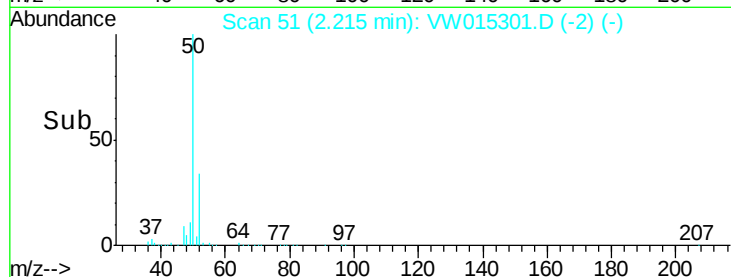
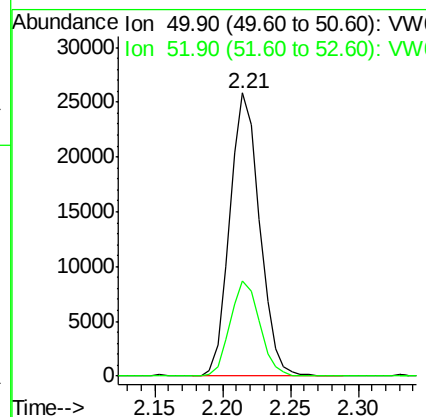
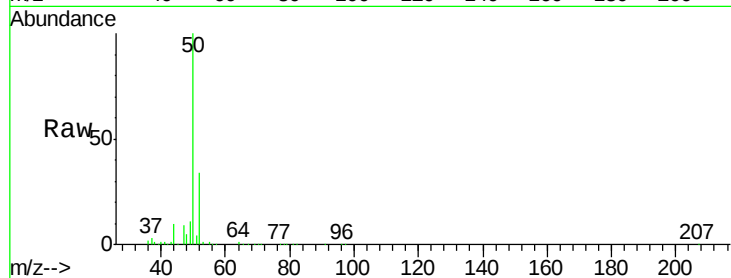
52 33.7 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.278 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015301.D

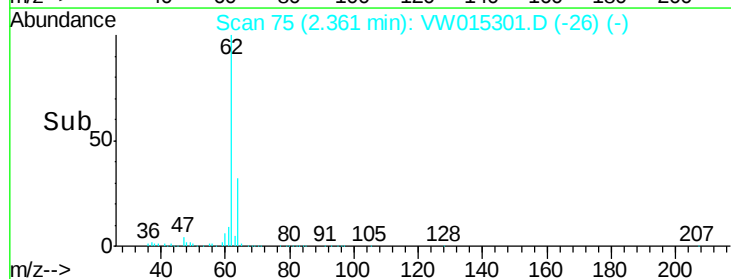
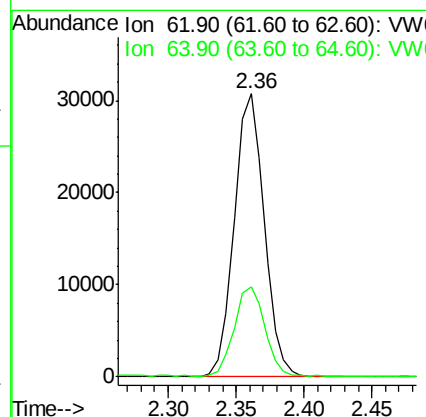
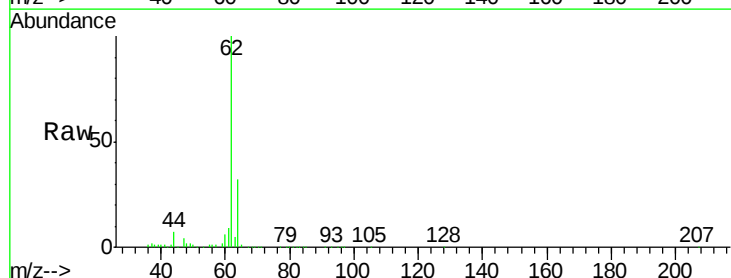
Acq: 22 Apr 2020 12:21

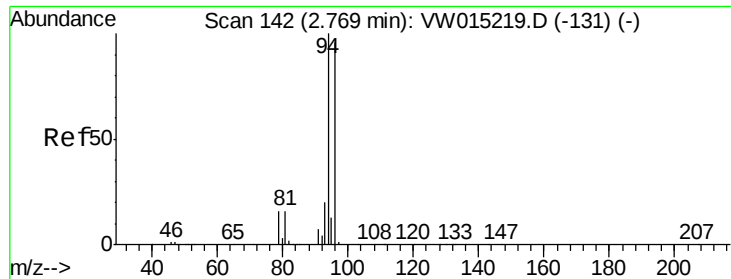
Tgt Ion: 62 Resp: 47280

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 23.551 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion: 94 Resp: 39043

Ion Ratio Lower Upper

94 100

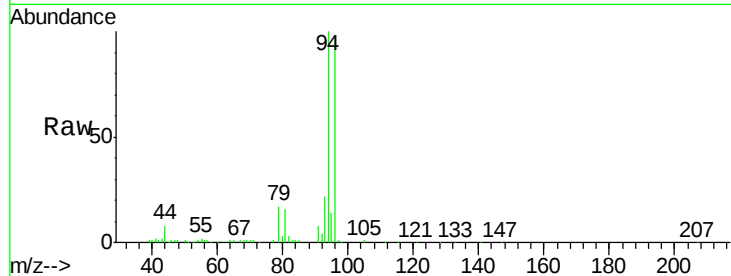
96 96.5 70.4 105.6

Manual Integrations

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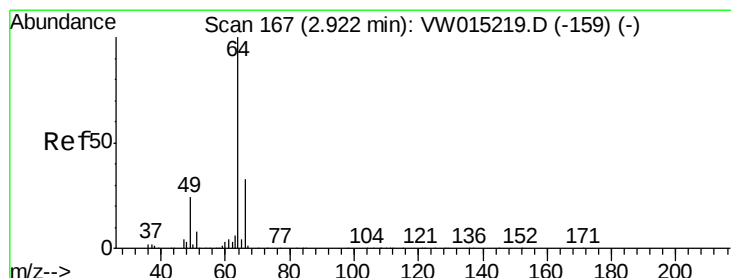
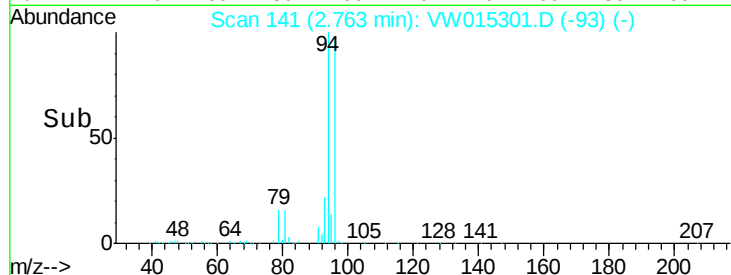
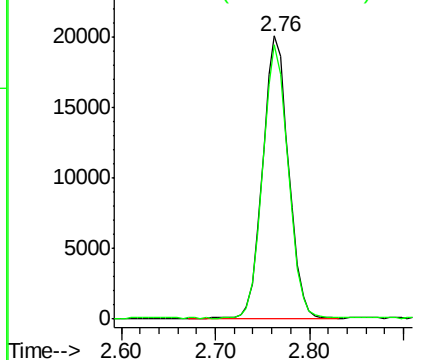
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.841 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015301.D

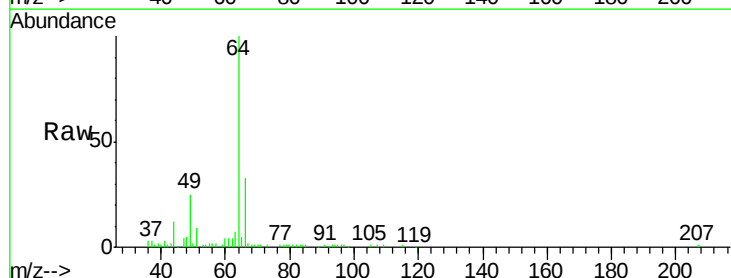
Acq: 22 Apr 2020 12:21

Tgt Ion: 64 Resp: 28695

Ion Ratio Lower Upper

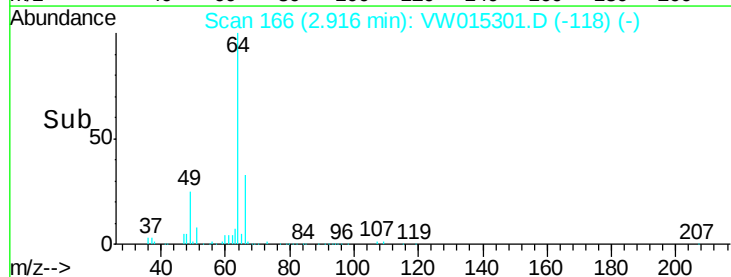
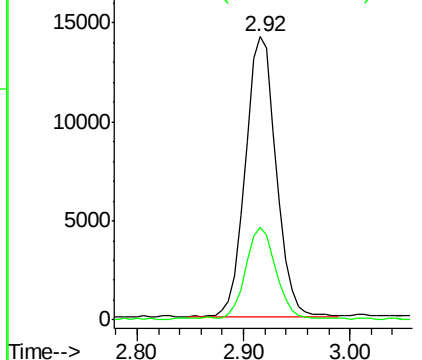
64 100

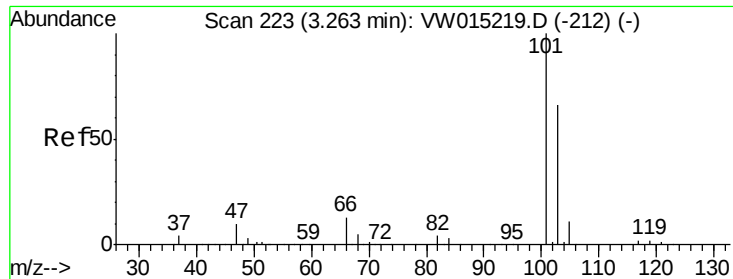
66 32.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

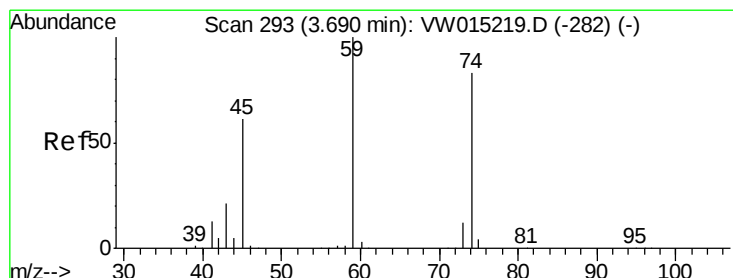
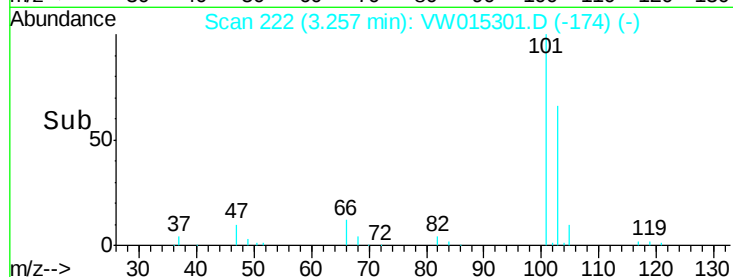
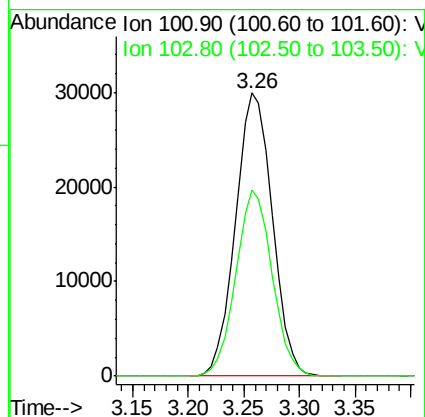
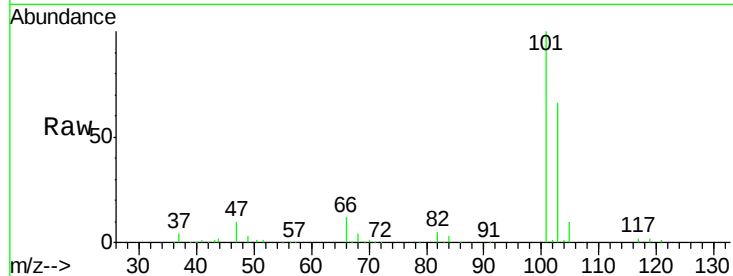
Trichlorofluoromethane
 Concen: 20.824 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.3	76.9

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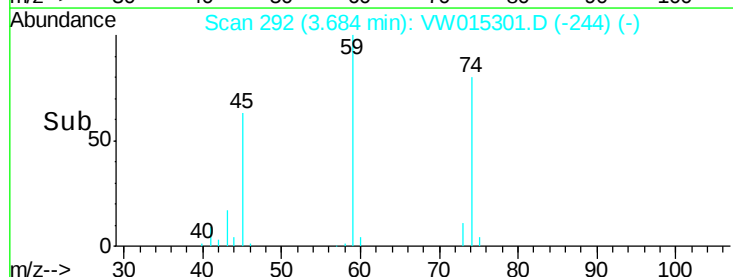
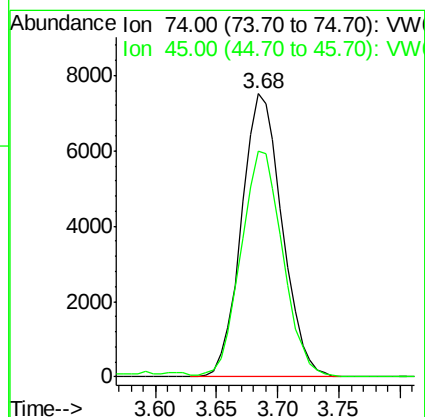
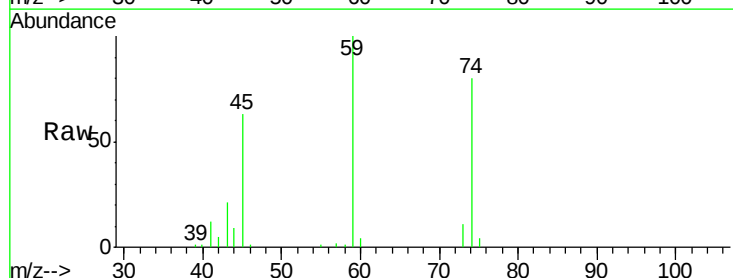
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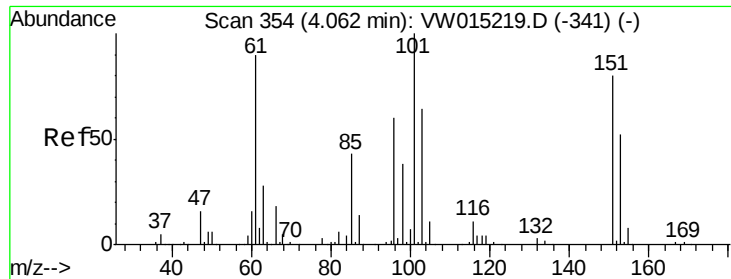


#8

Diethyl Ether
 Concen: 18.721 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.2	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.010 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

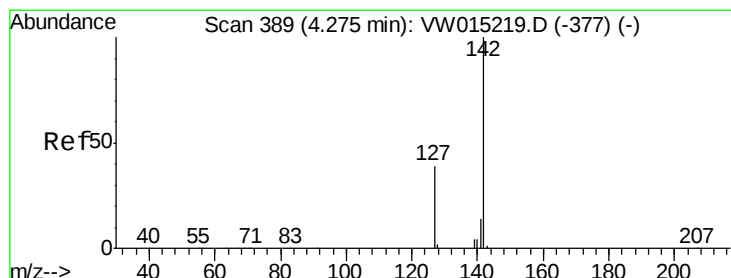
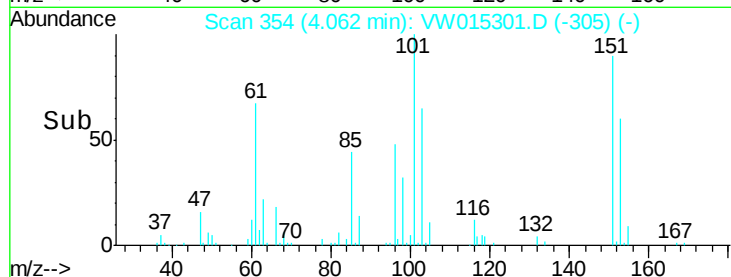
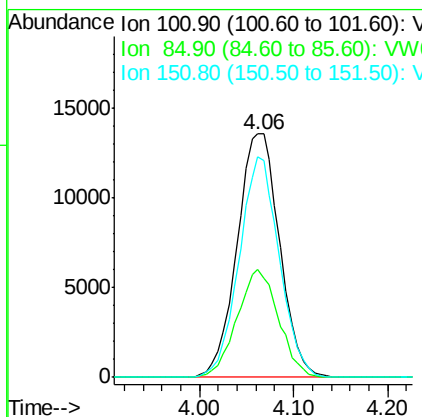
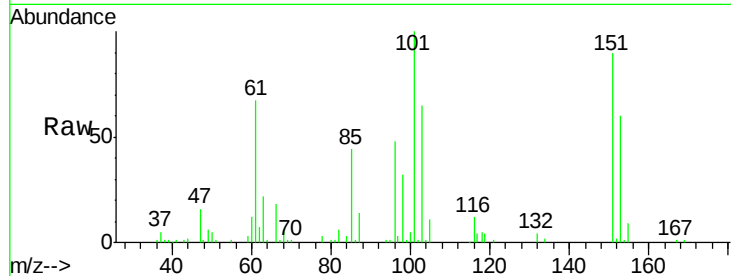
ClientSampleId :

VW0422SBS01

Tot Ion:	101	Resp:	42746
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.3	52.9
151	85.6	59.3	88.9

Manual Integrations
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MMDadoda
4/23/2020 1:32:52 PM



#10

Methyl Iodide

Concen: 17.273 ug/l

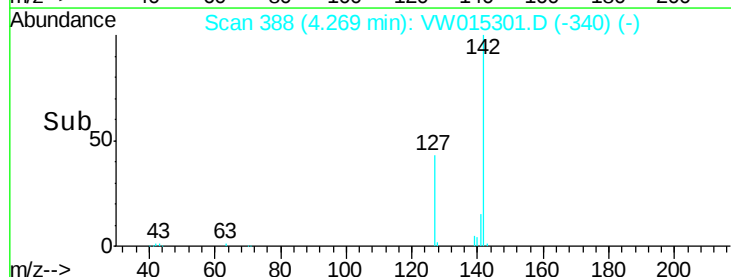
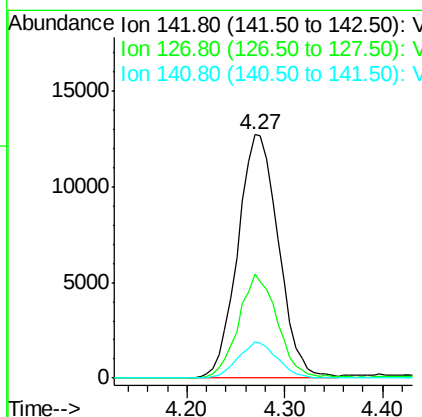
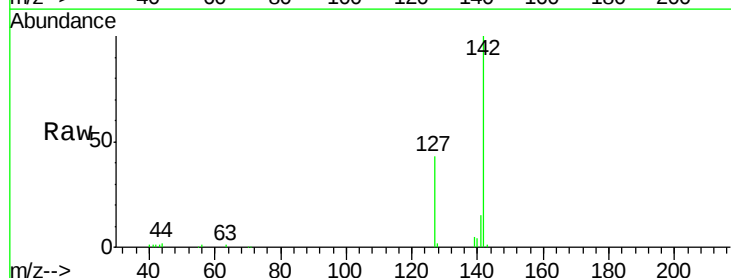
RT: 4.27 min Scan# 388

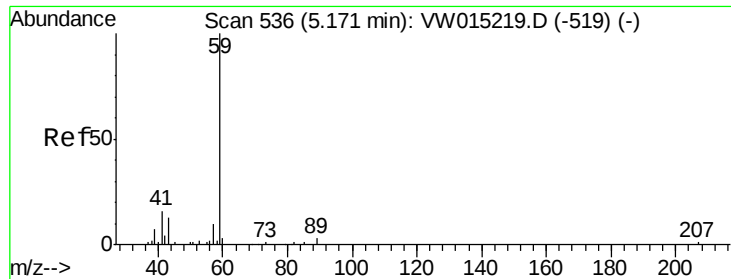
Delta R.T. -0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Tgt Ion:	142	Resp:	36913
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.9	50.9
141	14.3	11.4	17.2





#11

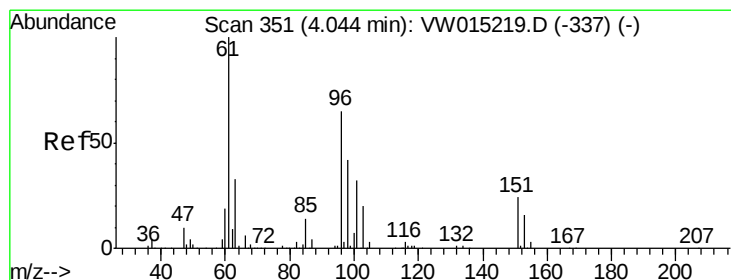
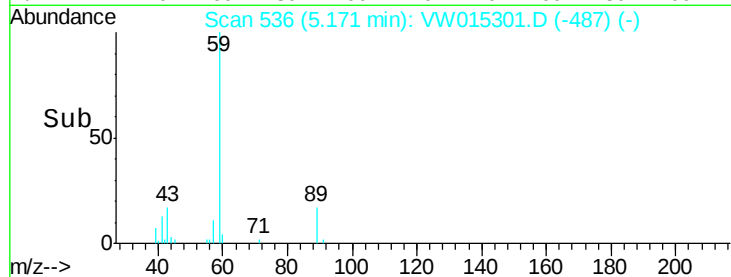
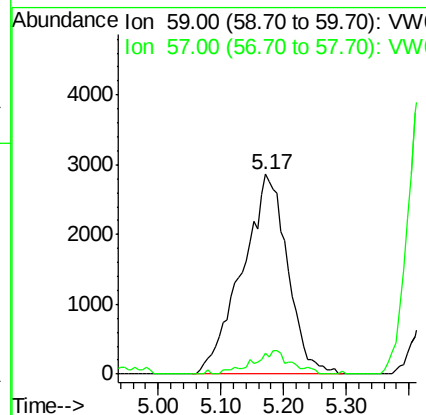
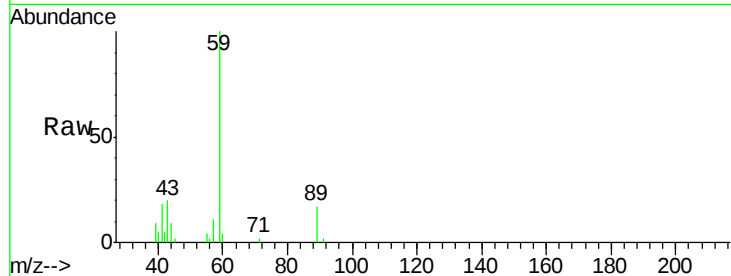
Tert butyl alcohol
Concen: 93.590 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.4	12.6

Manual Integrations
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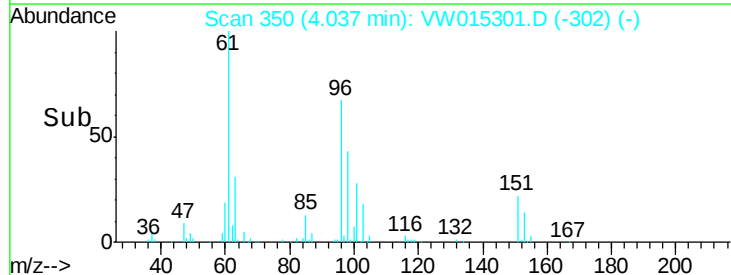
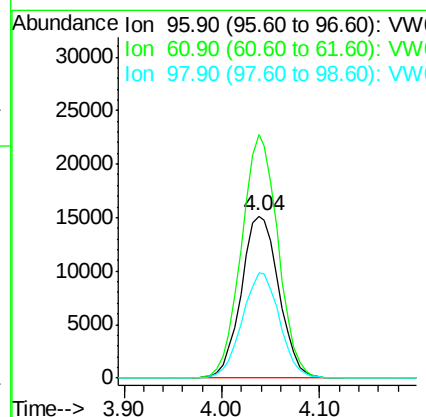
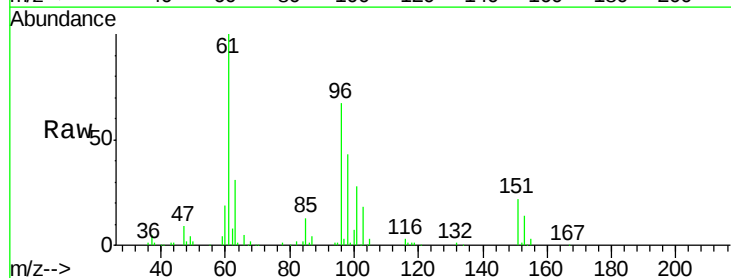
MMDadoda
4/23/2020 1:32:52 PM

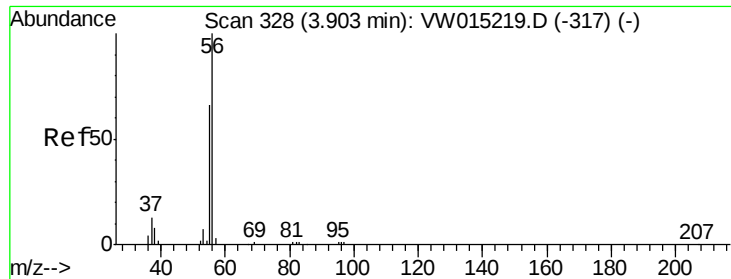


#12

1,1-Dichloroethene
Concen: 20.661 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.1	127.0	190.4
98	65.1	51.0	76.4





#13

Acrolein

Concen: 117.918 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion: 56 Resp: 9446

Ion Ratio Lower Upper

56 100

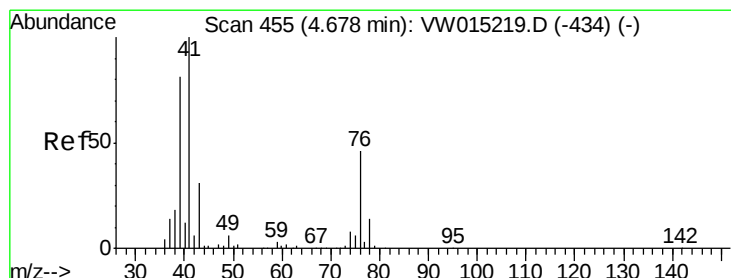
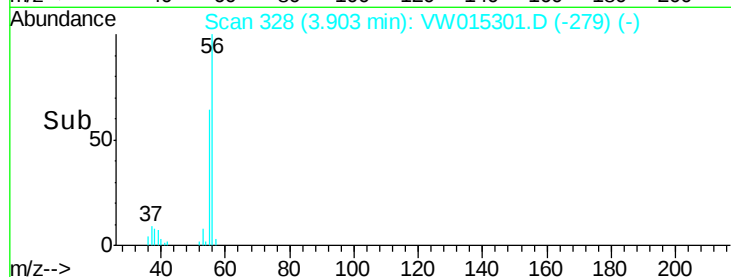
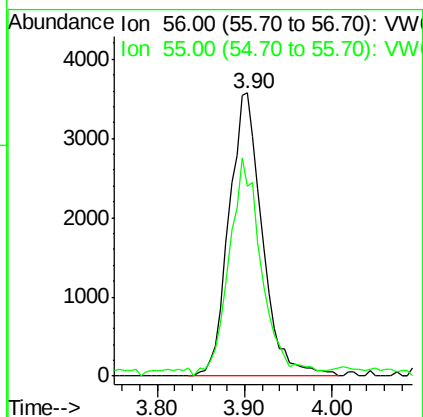
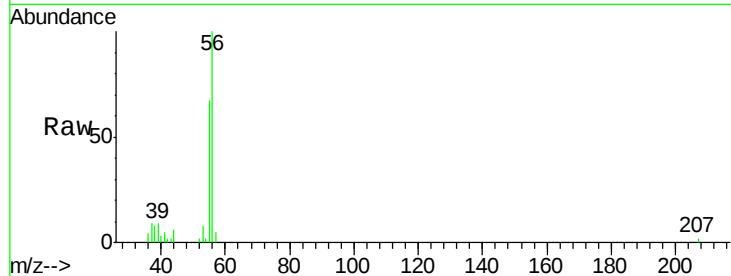
55 76.1 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.277 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

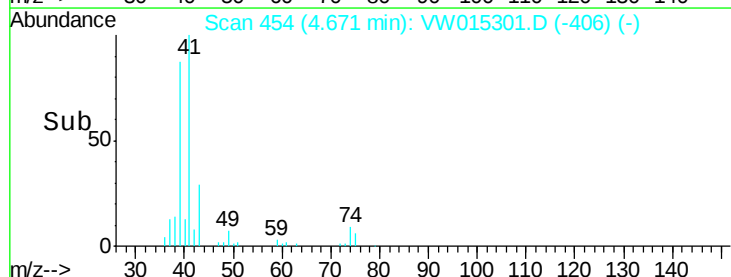
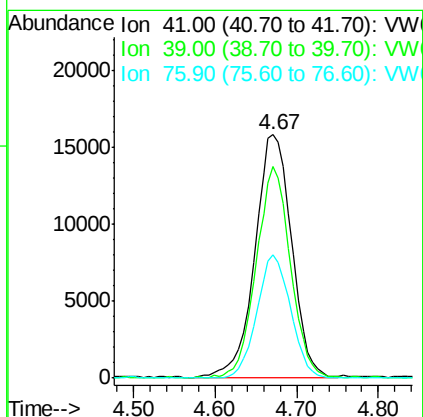
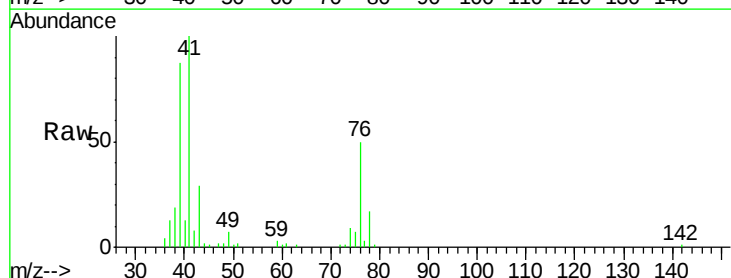
Tgt Ion: 41 Resp: 50082

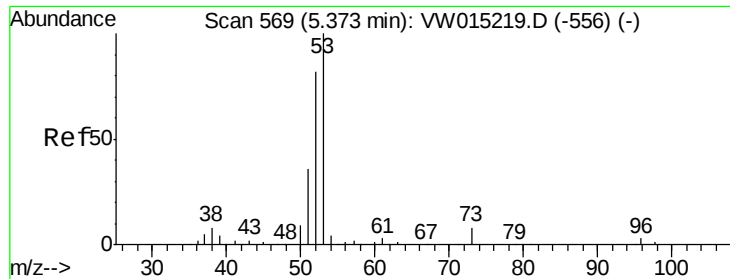
Ion Ratio Lower Upper

41 100

39 80.5 54.0 81.0

76 46.1 31.8 47.6





#15

Acrylonitrile

Concen: 87.074 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

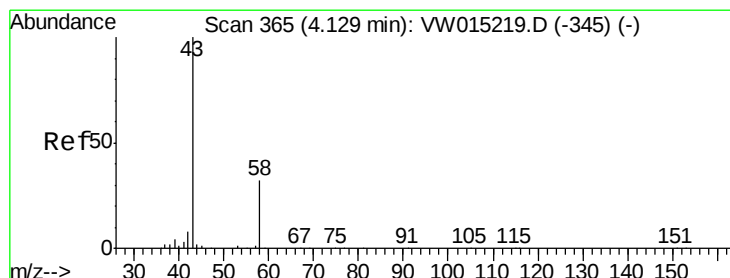
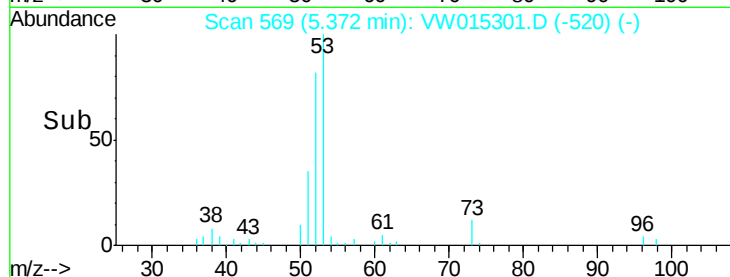
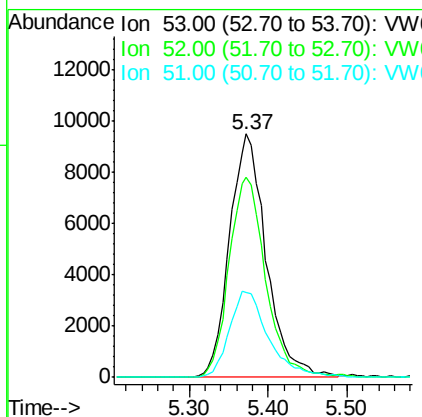
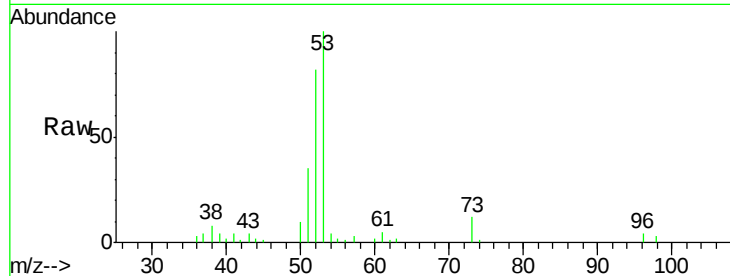
ClientSampleId :

VW0422SBS01

Tot Ion:	53	Resp:	30687
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.2	97.8
51	37.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 80.735 ug/l

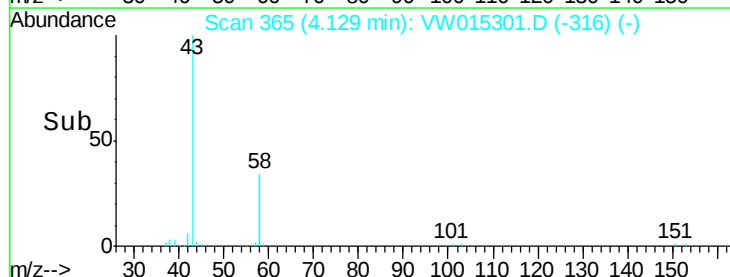
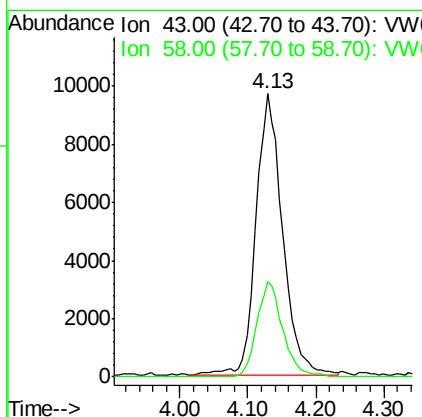
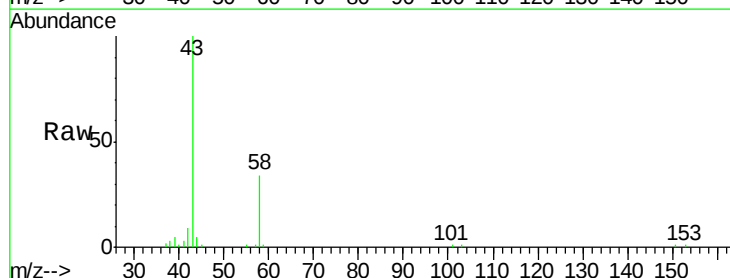
RT: 4.13 min Scan# 365

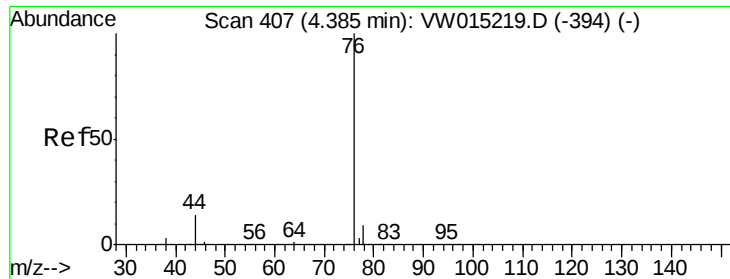
Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Tgt Ion:	43	Resp:	26476
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.0	40.4





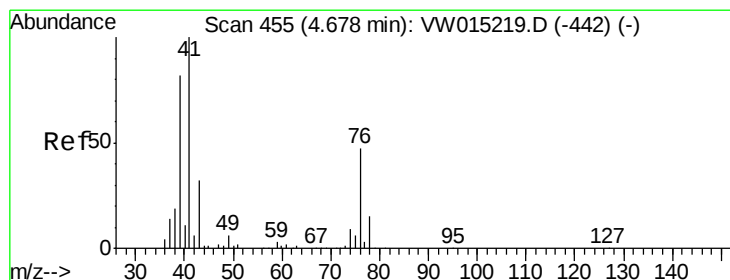
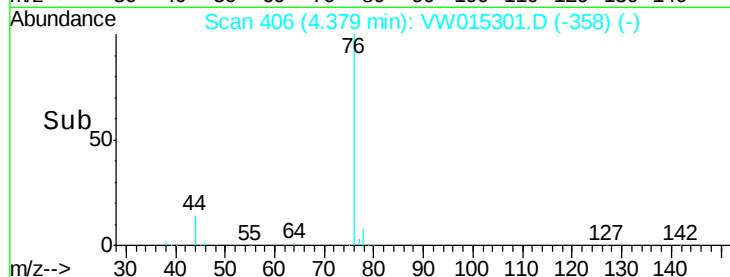
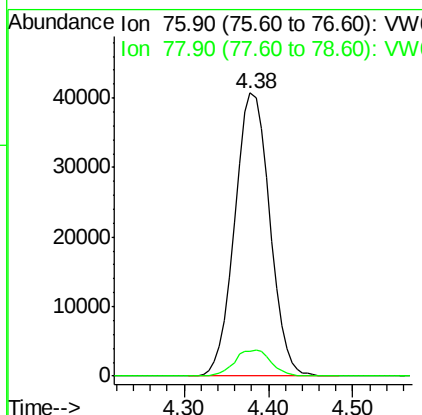
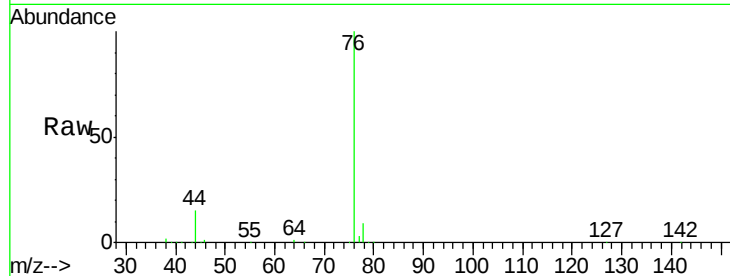
#17
Carbon Disulfide
Concen: 19.706 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

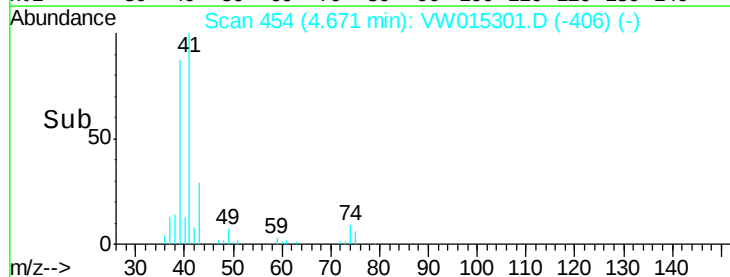
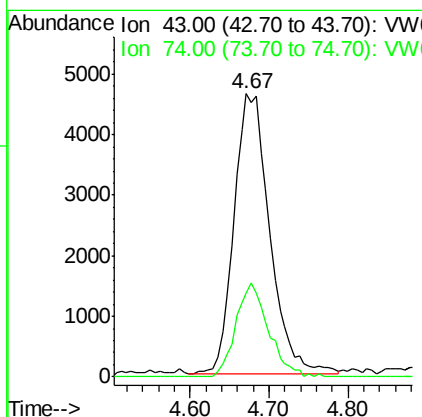
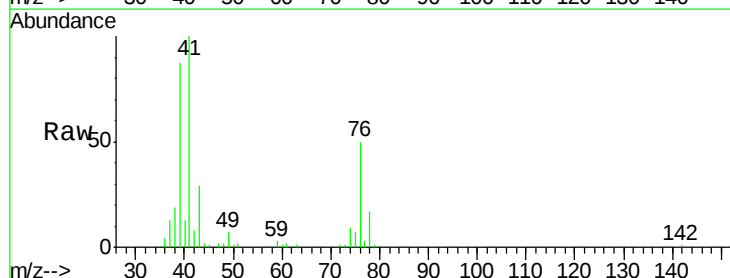
Manual Integrations
APPROVED

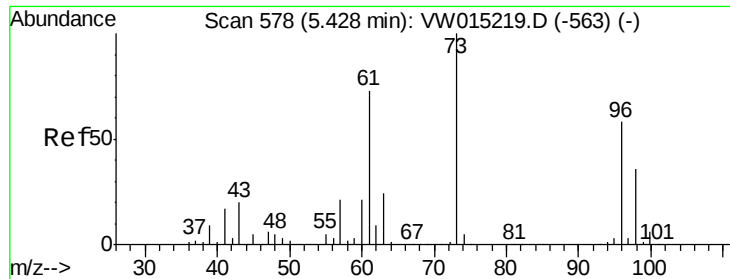
MMDadoda
4/23/2020 1:32:52 PM



#18
Methyl Acetate
Concen: 16.802 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.4	20.6	31.0





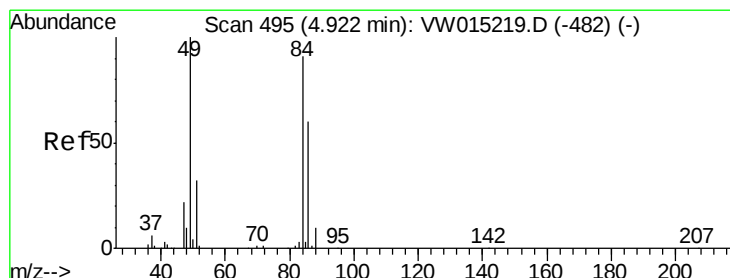
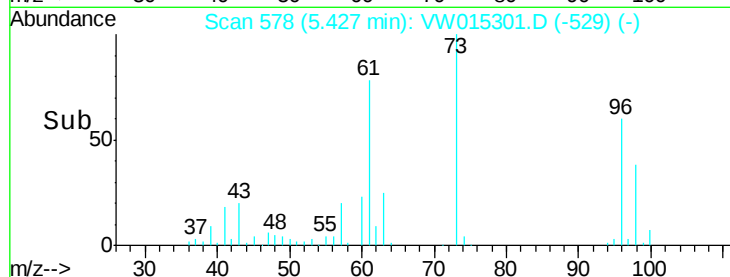
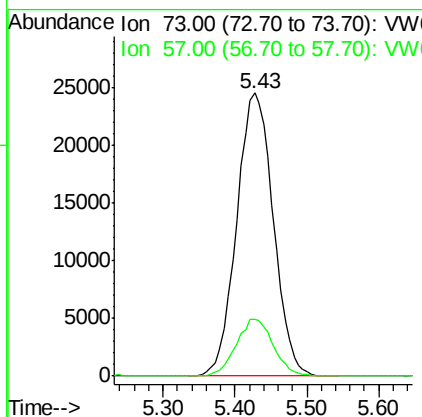
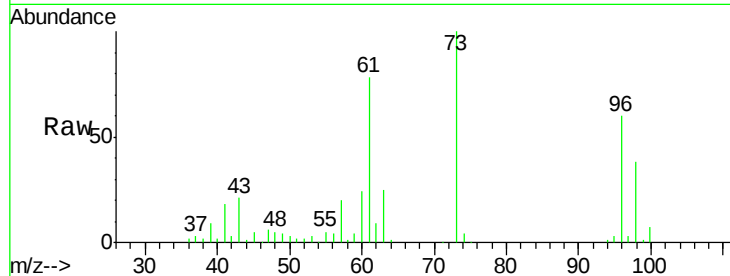
#19
Methvl tert-butvl Ether
Concen: 19.232 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion: 73 Resp: 86459
Ion Ratio Lower Upper
73 100
57 20.3 17.8 26.6

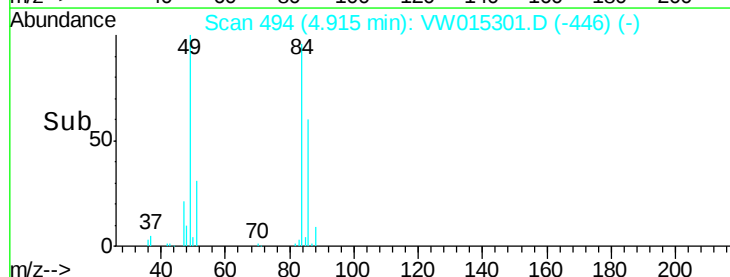
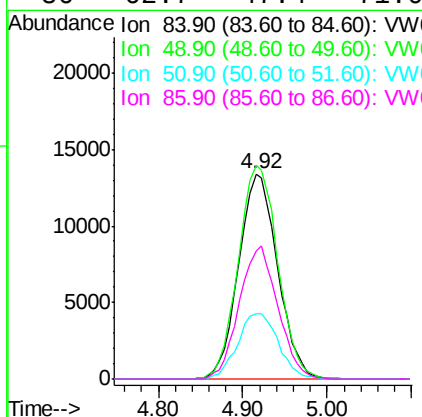
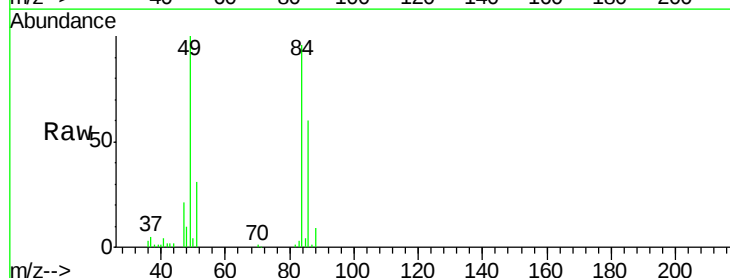
Manual Integrations
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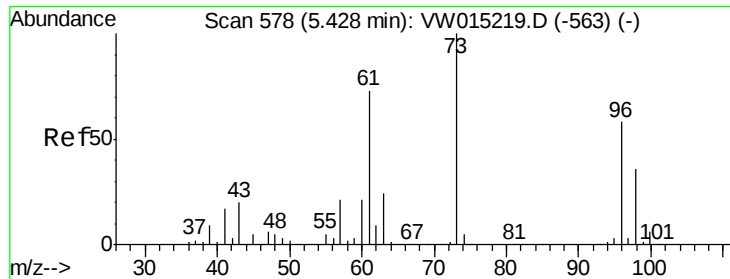
MMDadoda
4/23/2020 1:32:52 PM



#20
Methylene Chloride
Concen: 19.527 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion: 84 Resp: 41969
Ion Ratio Lower Upper
84 100
49 104.3 95.4 143.0
51 32.1 29.8 44.8
86 62.7 47.4 71.0





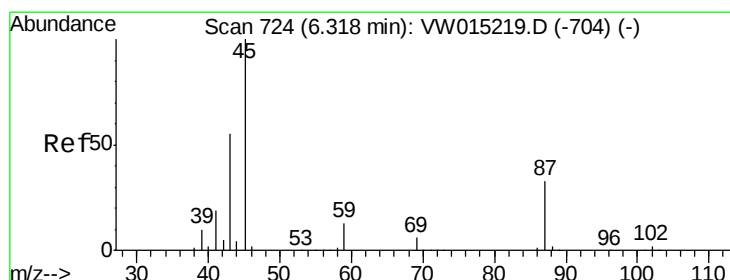
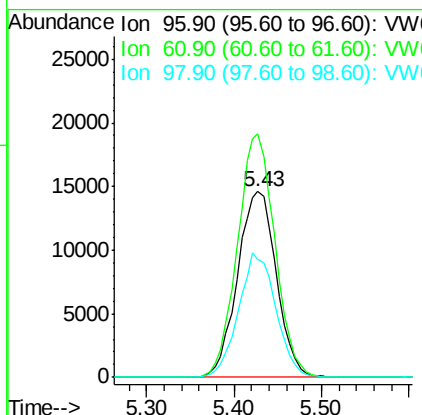
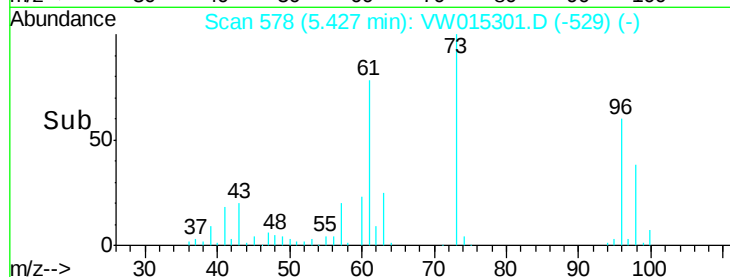
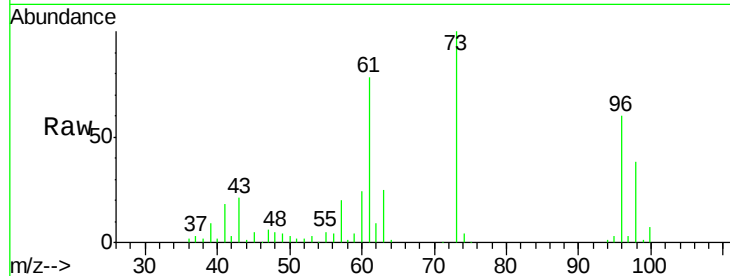
#21
trans-1,2-Dichloroethene
Concen: 20.268 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.2	107.8	161.6
98	63.8	50.2	75.2

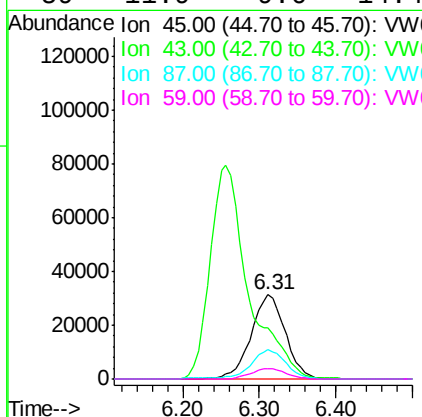
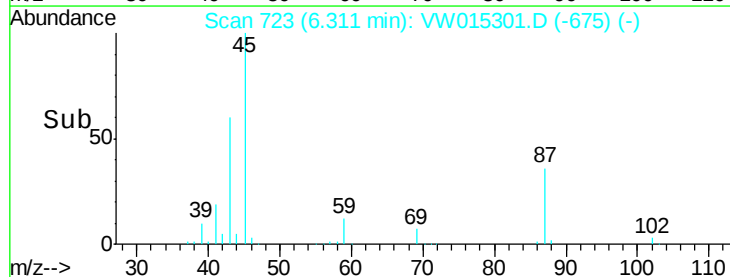
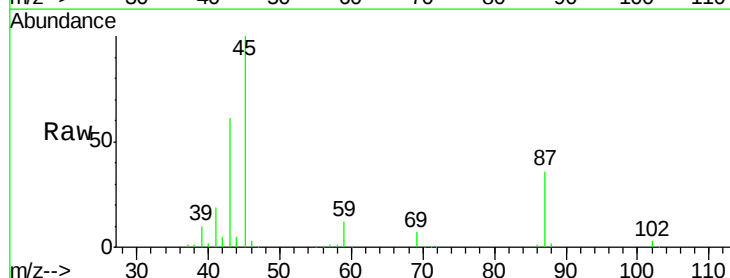
Manual Integrations
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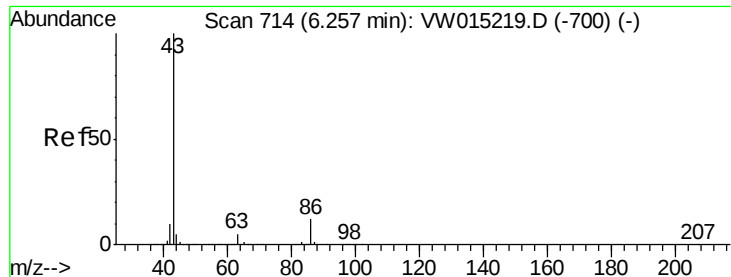
MMDadoda
4/23/2020 1:32:52 PM



#22
Diisopropyl ether
Concen: 19.572 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.6	41.8	62.6
87	35.7	23.2	34.8
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 94.266 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampled :

VW0422SBS01

Tot Ion: 43 Resp: 275702

Ion Ratio Lower Upper

43 100

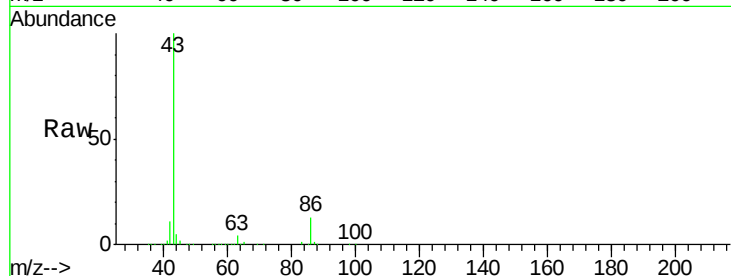
86 13.4 9.1 13.7

Manual Integrations

APPROVED

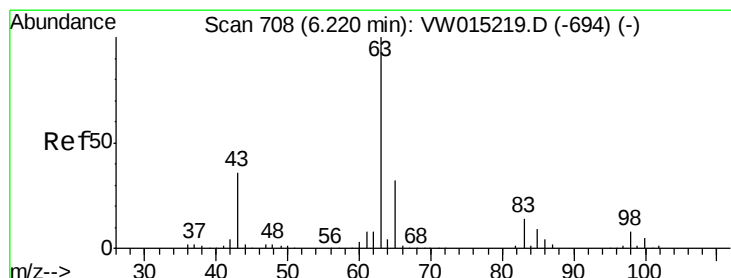
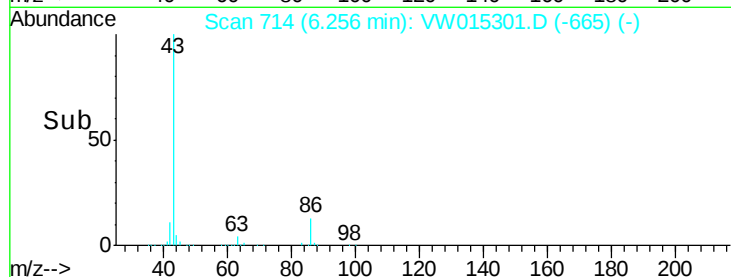
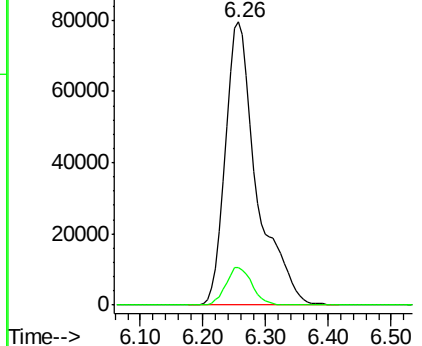
MMDadoda

4/23/2020 1:32:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.040 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

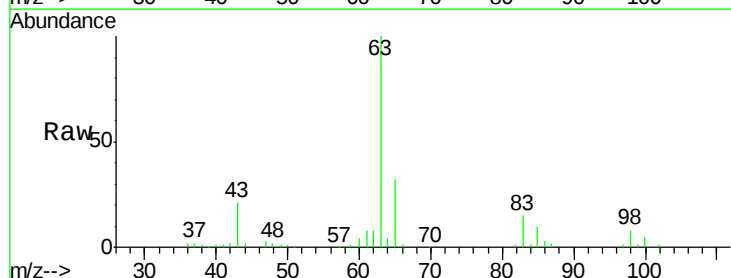
Tgt Ion: 63 Resp: 69221

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

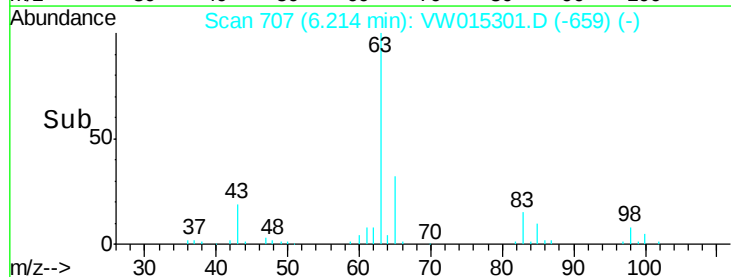
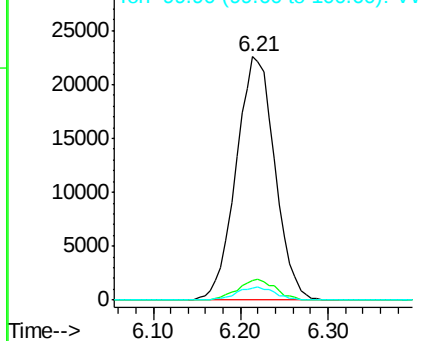
100 5.1 2.4 7.2

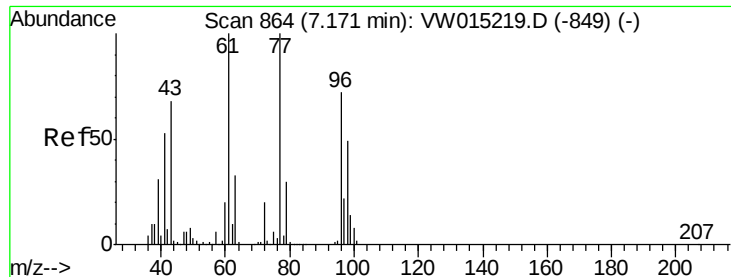


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 87.569 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion: 43 Resp: 38100

Ion Ratio Lower Upper

43 100

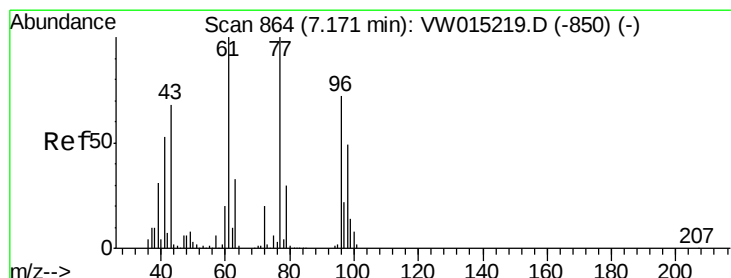
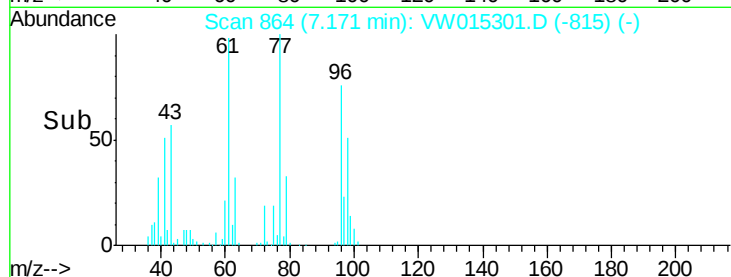
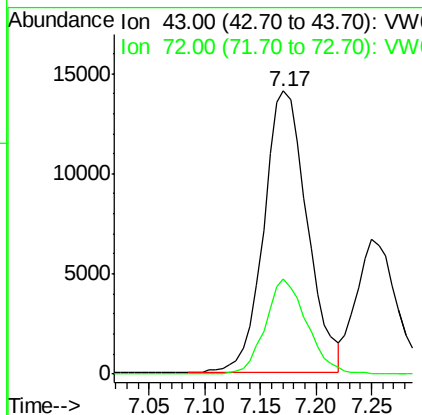
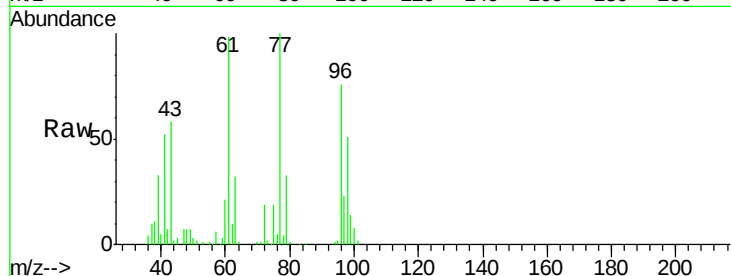
72 33.7 21.6 32.4#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.361 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015301.D

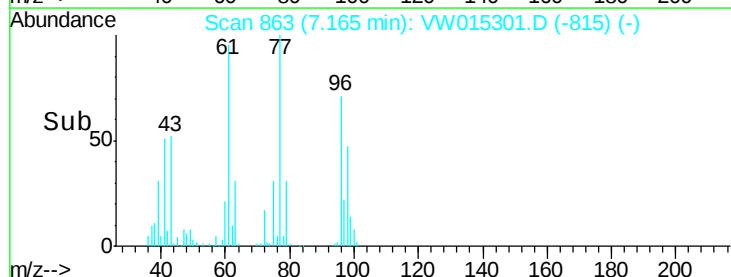
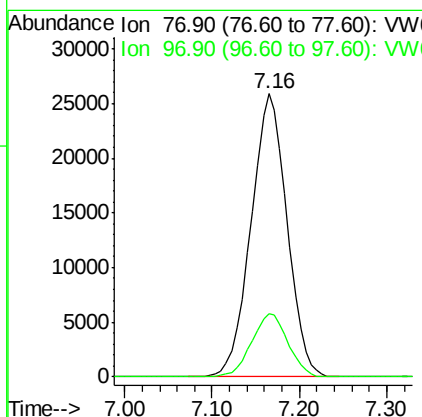
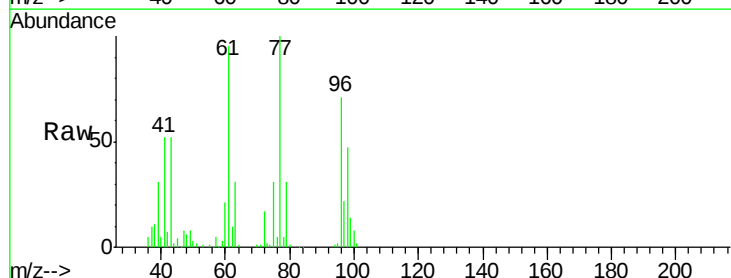
Acq: 22 Apr 2020 12:21

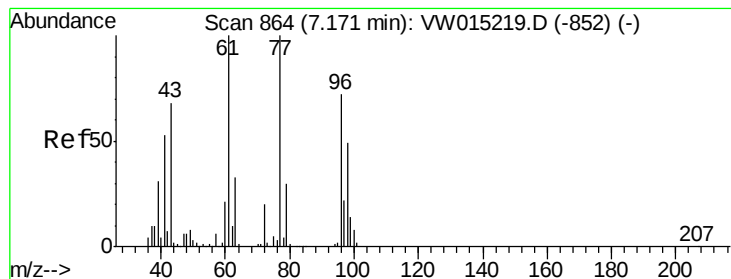
Tgt Ion: 77 Resp: 73989

Ion Ratio Lower Upper

77 100

97 22.3 11.9 35.5





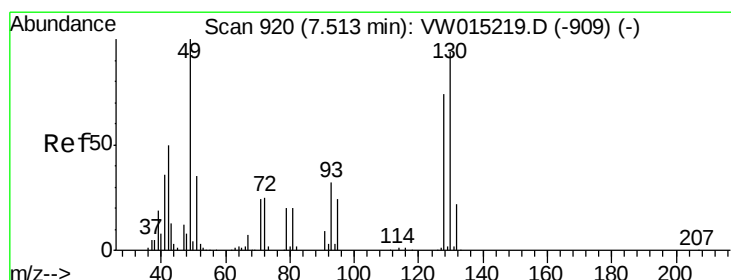
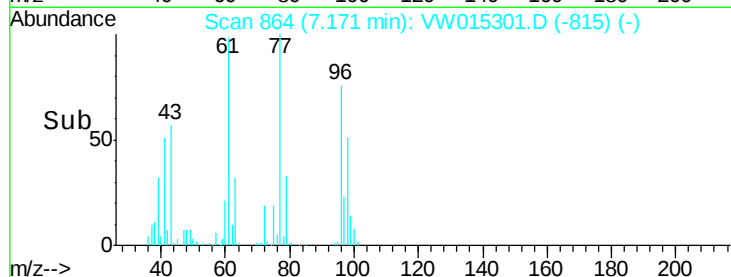
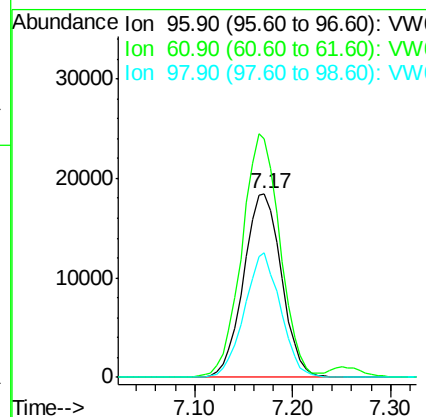
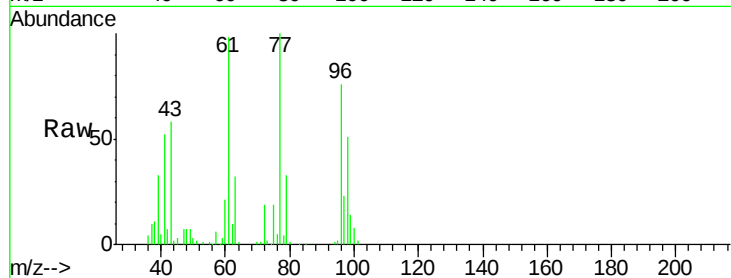
#27
 cis-1,2-Dichloroethene
 Concen: 20.634 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	275.0
98	64.8	0.0	130.8

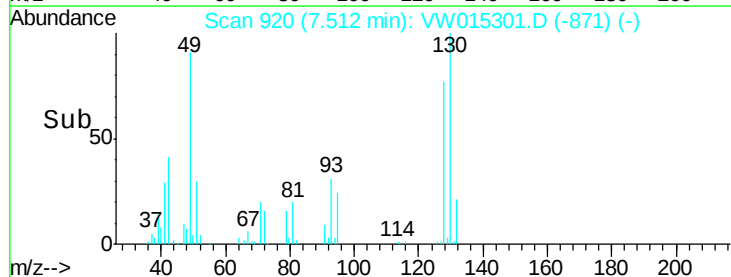
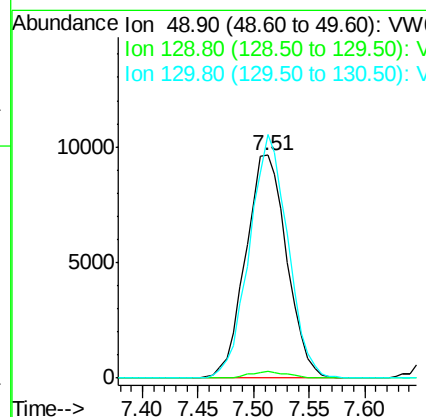
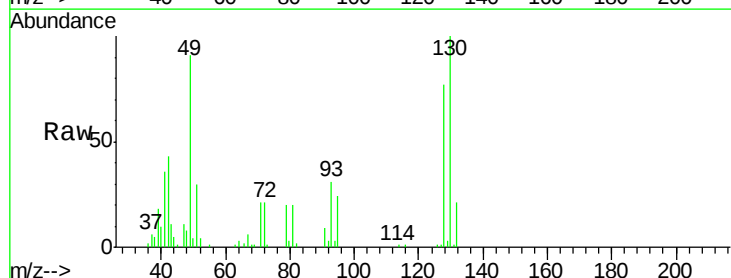
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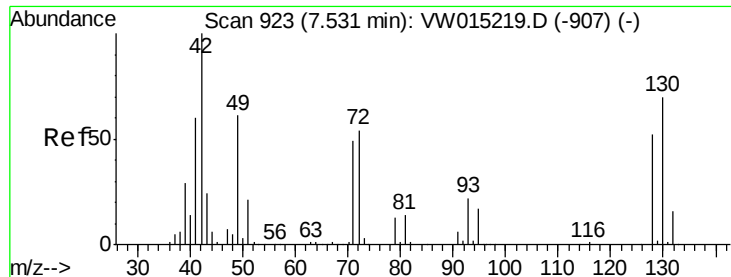
MMDadoda
 4/23/2020 1:32:52 PM



#28
 Bromochloromethane
 Concen: 19.706 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	102.1	60.9	91.3#





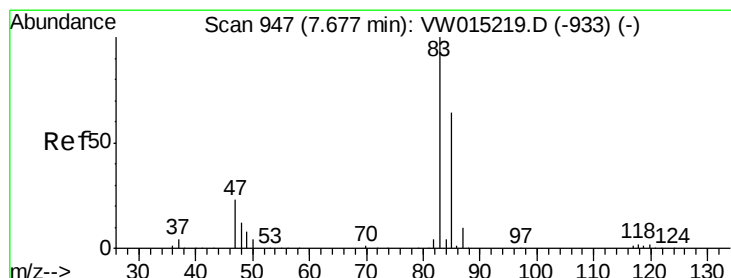
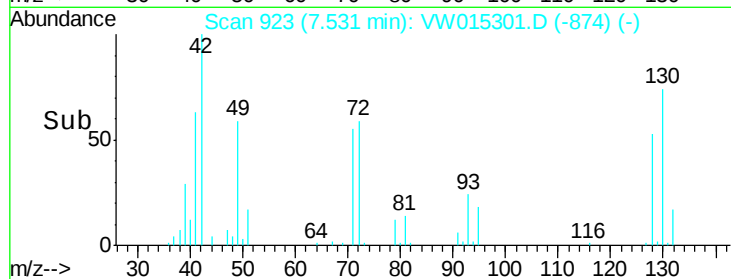
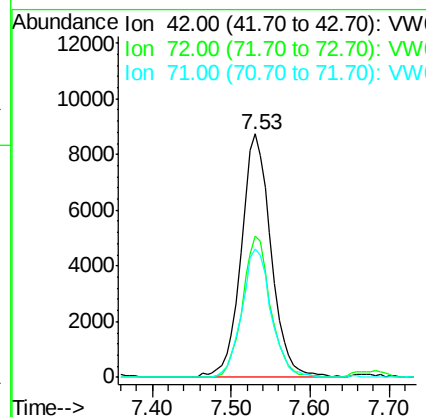
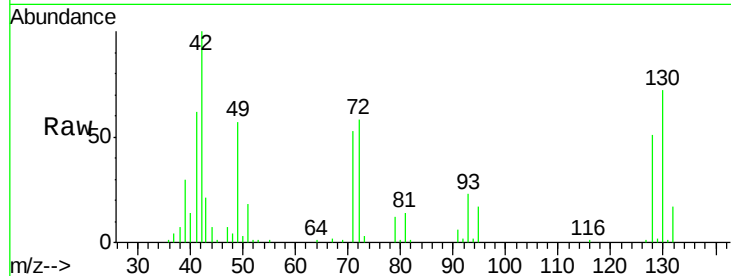
#29
Tetrahydrofuran
Concen: 85.135 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.4	36.2	54.2#
71	51.5	34.2	51.4#

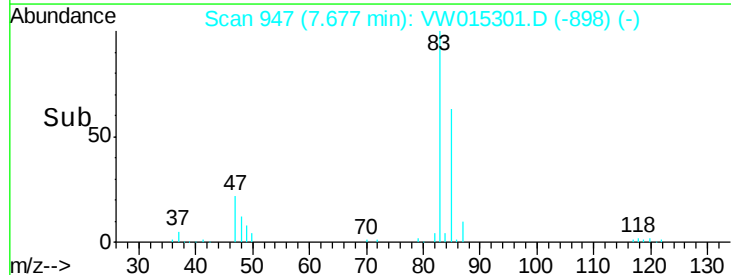
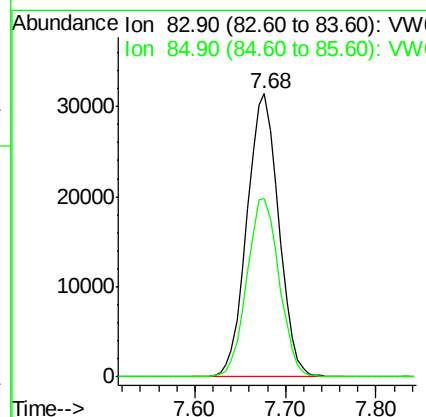
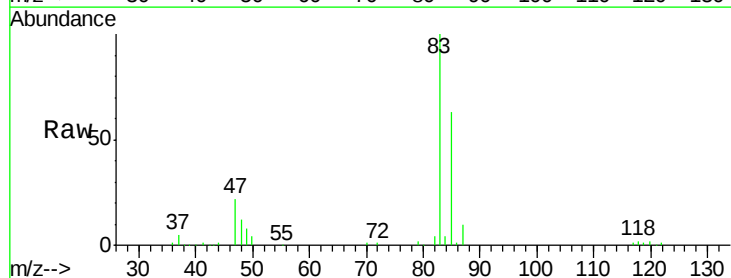
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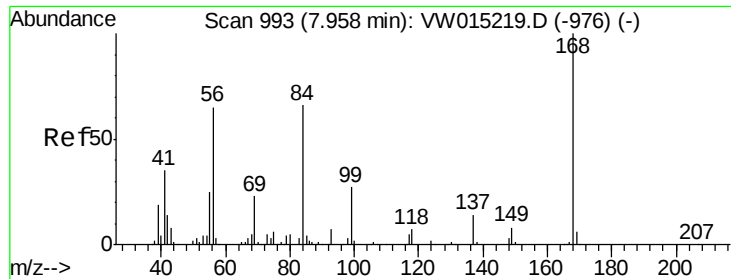
MMDadoda
4/23/2020 1:32:52 PM



#30
Chloroform
Concen: 20.465 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3





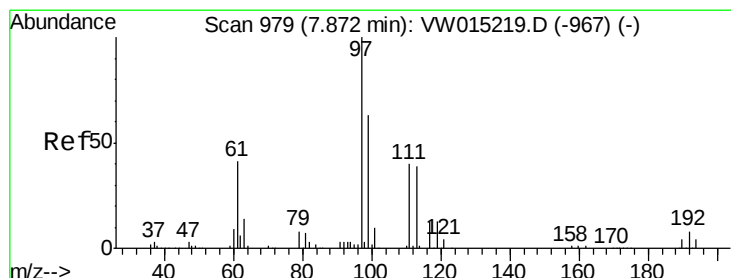
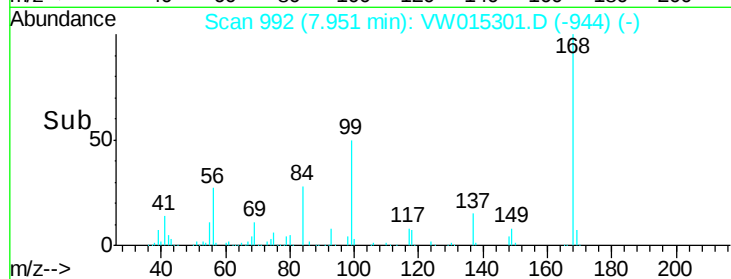
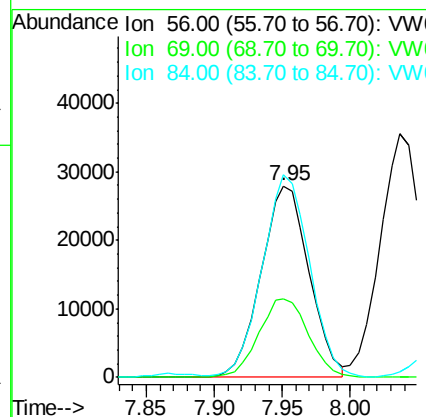
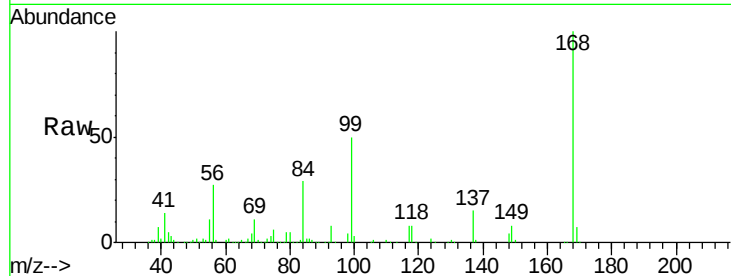
#31
Cyclohexane
Concen: 19.886 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.7	27.1	40.7#
84	104.3	71.9	107.9

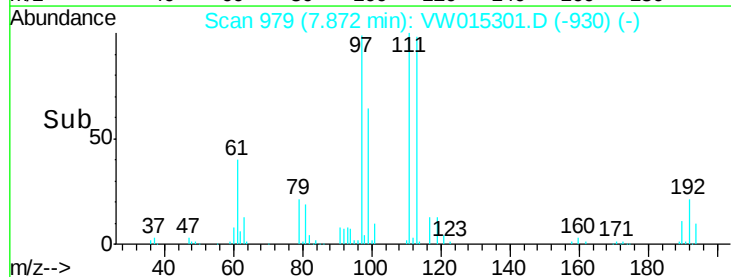
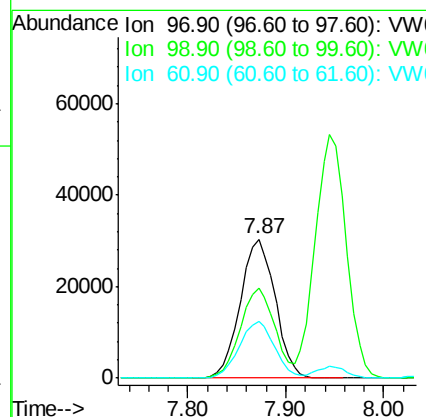
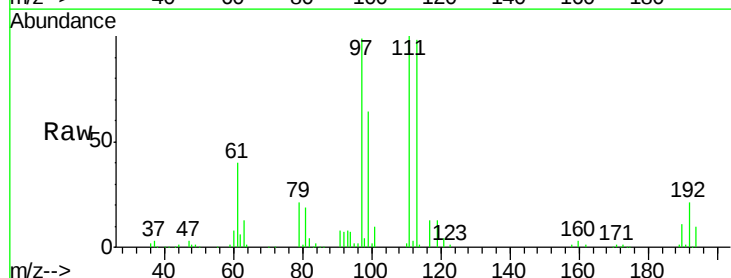
Manual Integrations
APPROVED

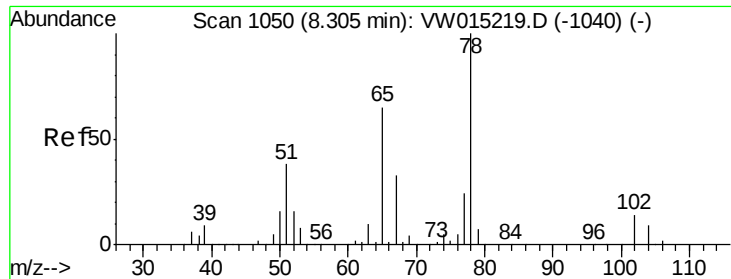
MMDadoda
4/23/2020 1:32:52 PM



#32
1,1,1-Trichloroethane
Concen: 20.936 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.2	78.2
61	41.1	34.2	51.2





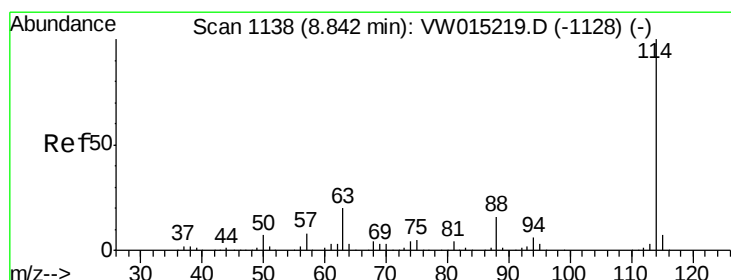
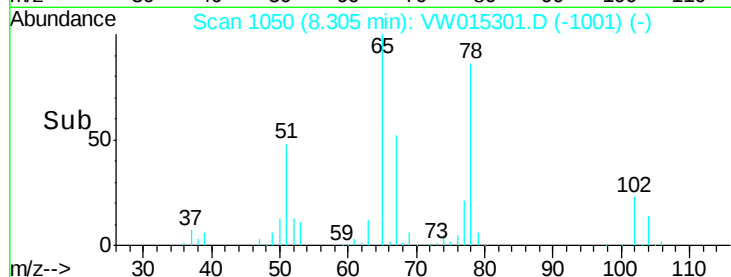
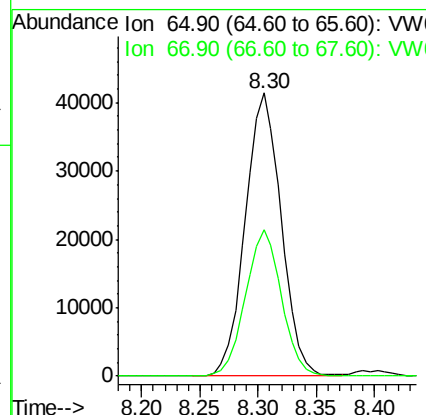
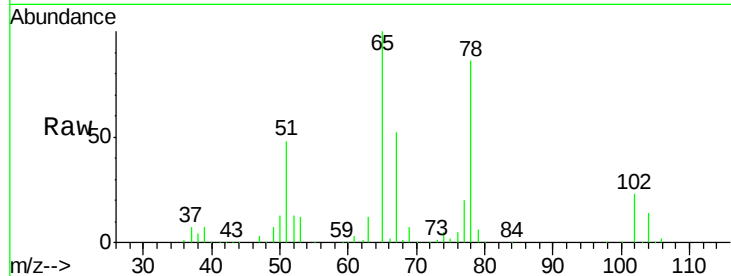
#33
 1,2-Dichloroethane-d4
 Concen: 47.625 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	89418		
67	51.5	0.0	107.0	

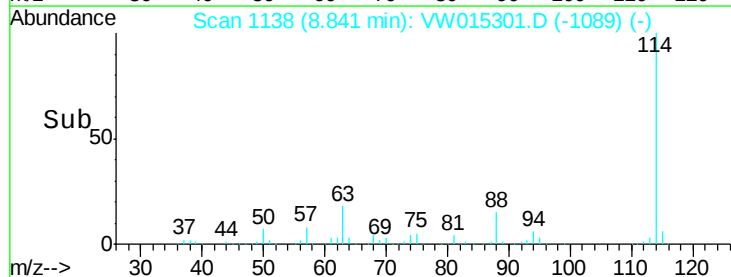
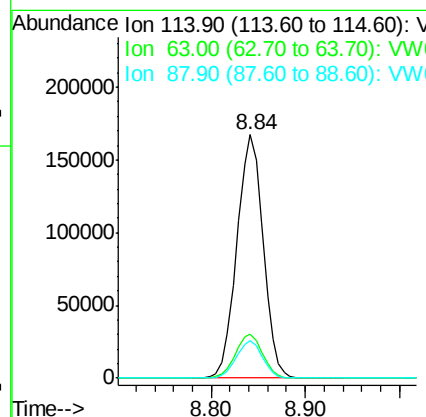
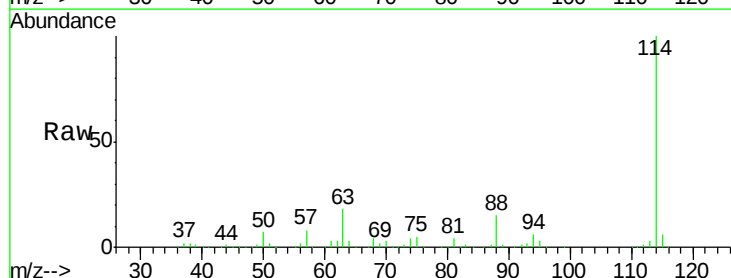
Manual Integrations
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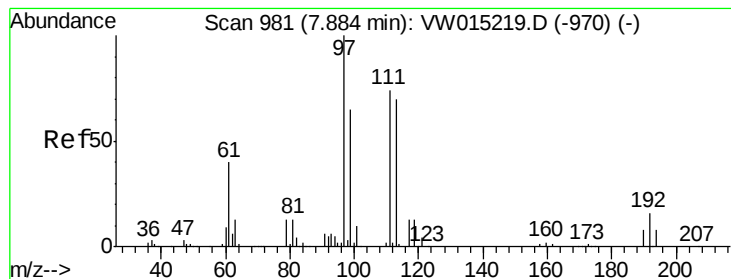
MMDadoda
 4/23/2020 1:32:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	325155		
63	18.2	0.0	39.8	
88	15.3	0.0	30.2	





#35

Dibromofluoromethane

Concen: 51.038 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

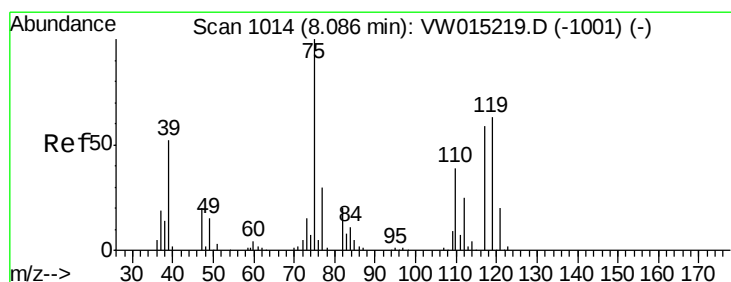
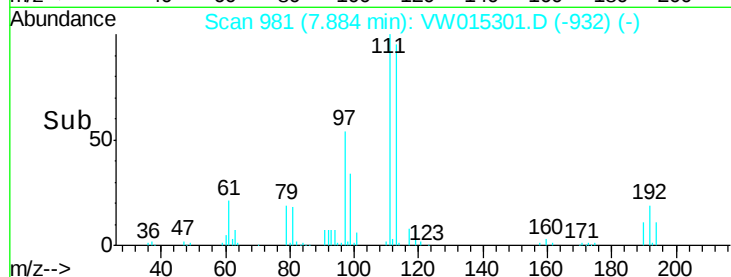
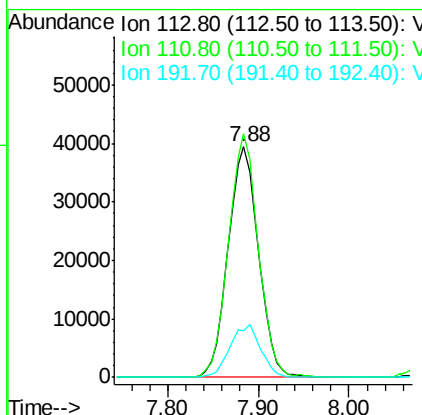
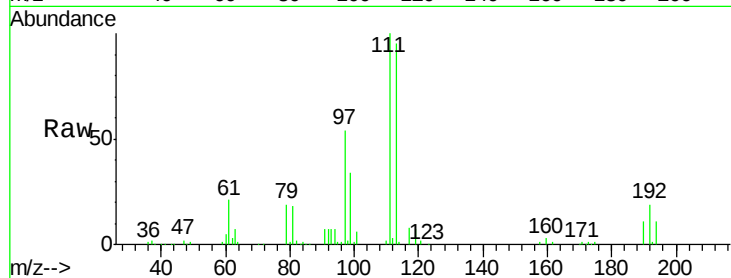
ClientSampleId :

VW0422SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	22.8	15.1	22.7

Manual Integrations
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4/23/2020 1:32:52 PM



#36

1,1-Dichloropropene

Concen: 21.289 ug/l

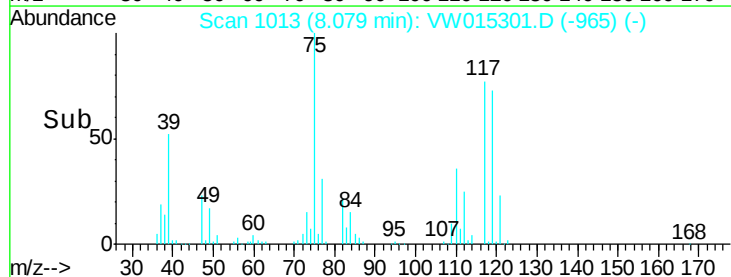
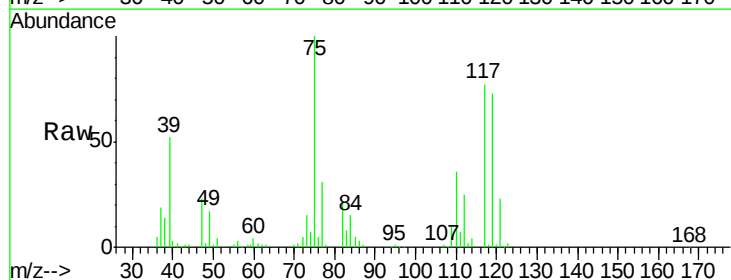
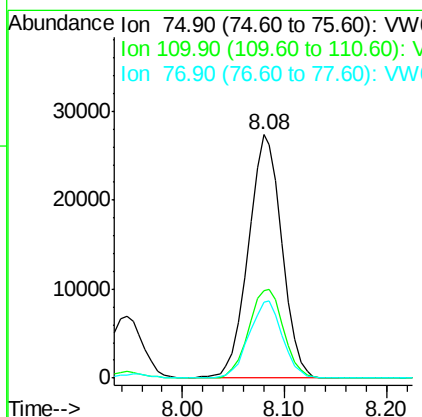
RT: 8.08 min Scan# 1013

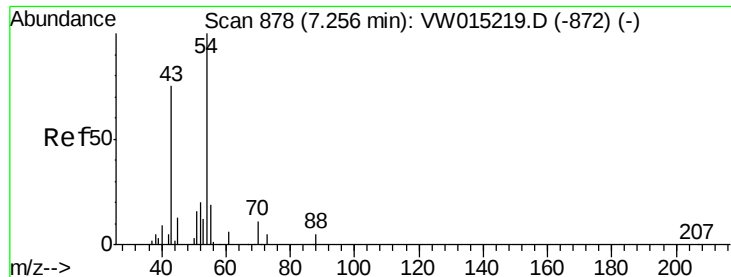
Delta R.T. -0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.2	54.6
77	31.7	24.5	36.7





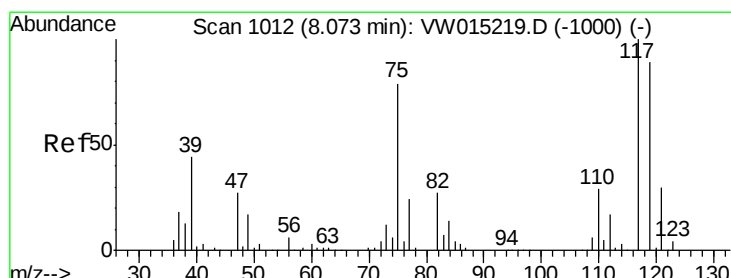
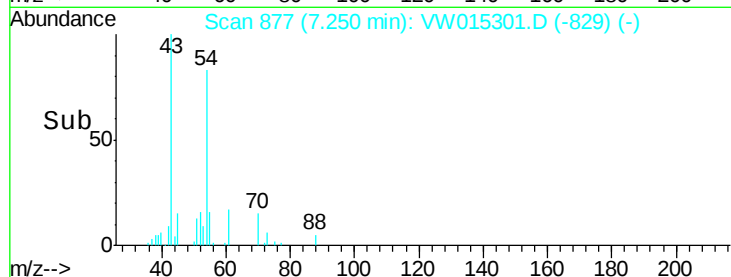
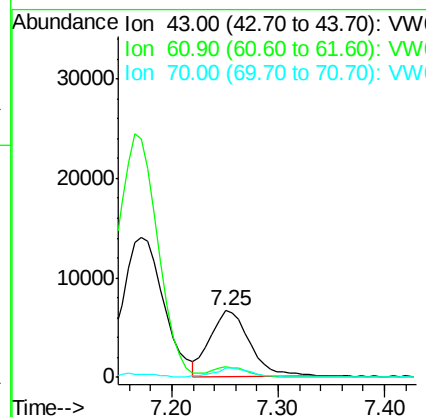
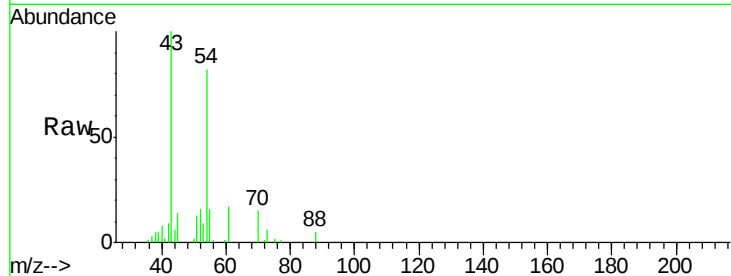
#37
Ethyl Acetate
Concen: 17.876 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.9	17.9
70	13.7	8.8	13.2

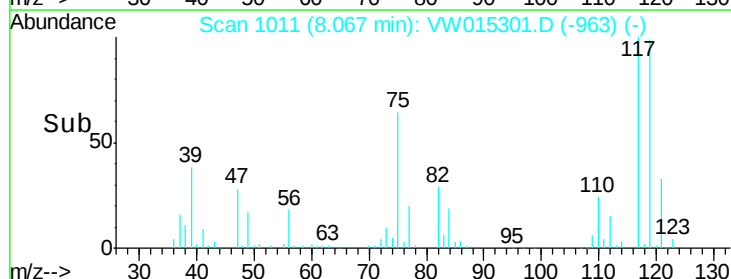
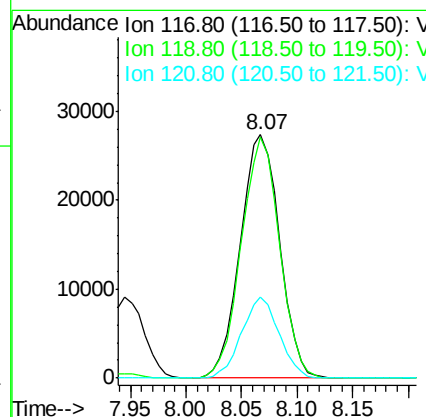
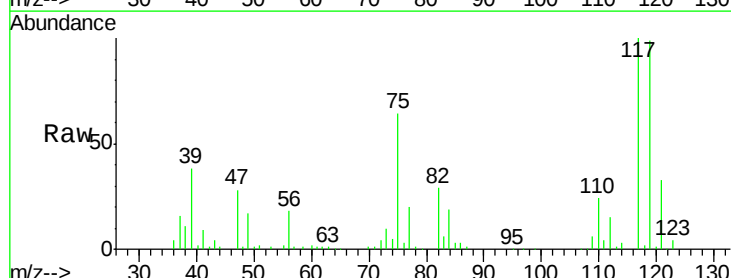
Manual Integrations
APPROVED

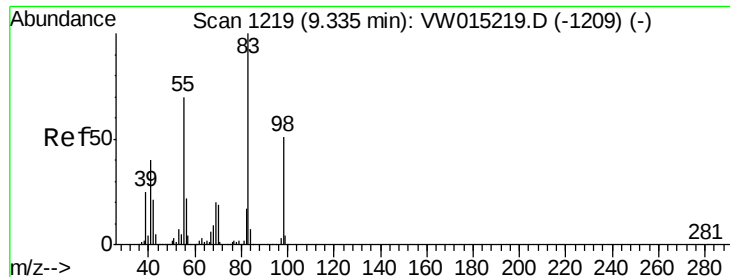
MMDadoda
4/23/2020 1:32:52 PM



#38
Carbon Tetrachloride
Concen: 21.003 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	72.3	108.5
121	33.2	23.7	35.5





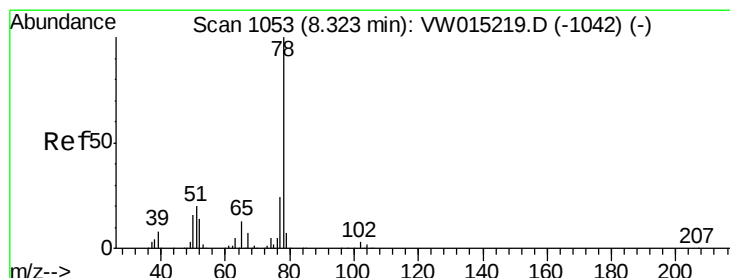
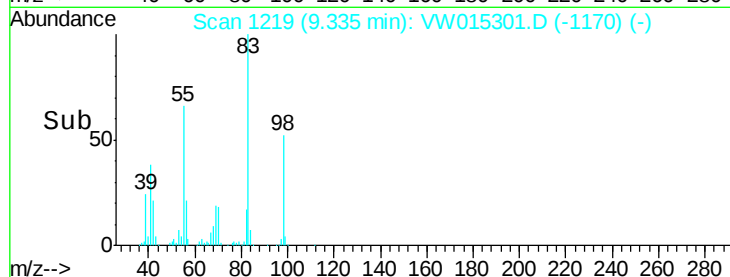
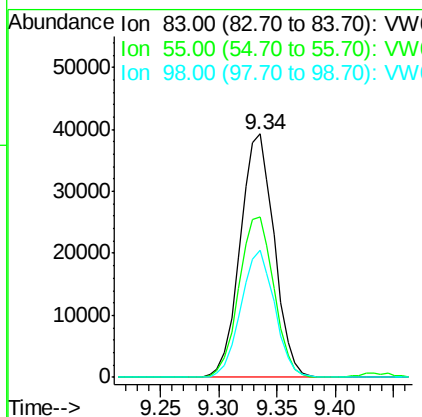
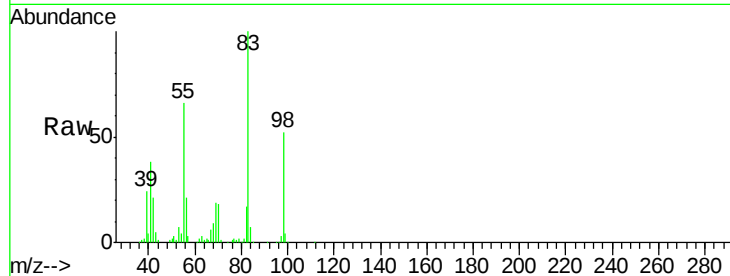
#39
Methvlcvclohexane
Concen: 20.467 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampled :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.9	58.1	87.1
98	52.0	40.2	60.4

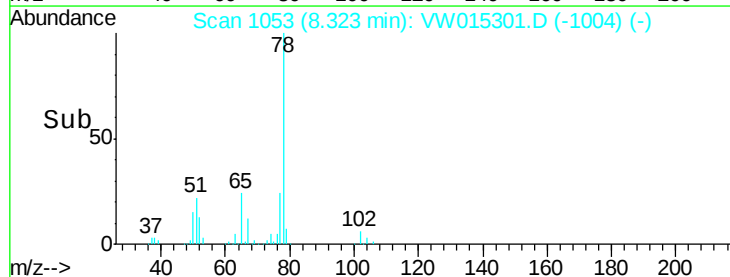
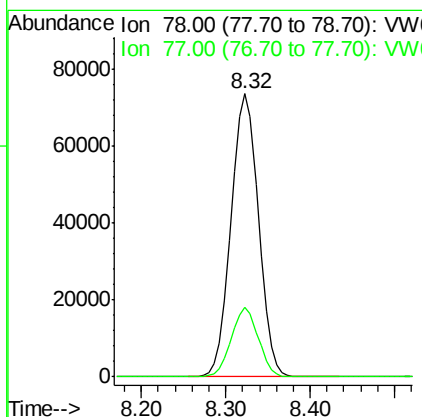
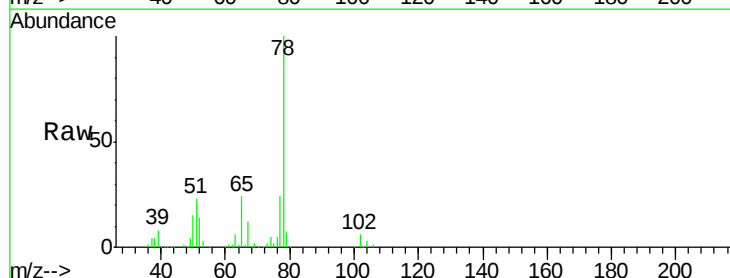
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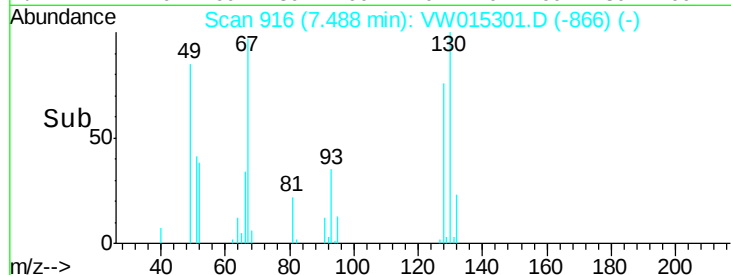
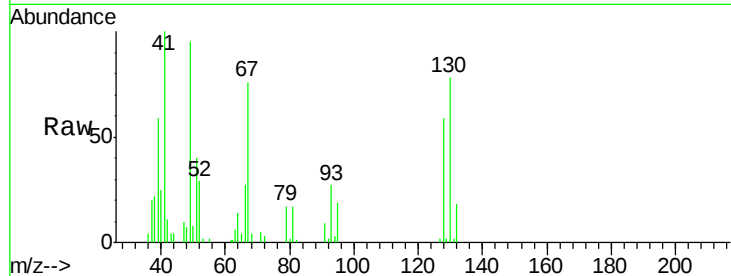
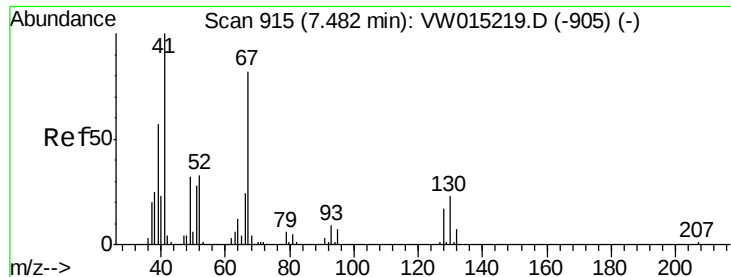
MMDadoda
4/23/2020 1:32:52 PM



#40
Benzene
Concen: 20.733 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.2	27.2





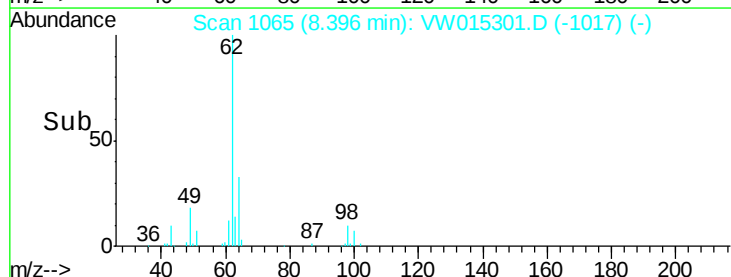
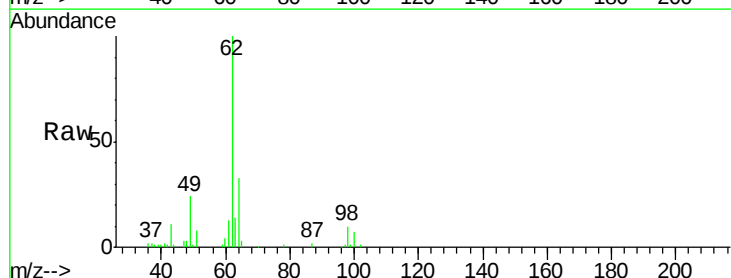
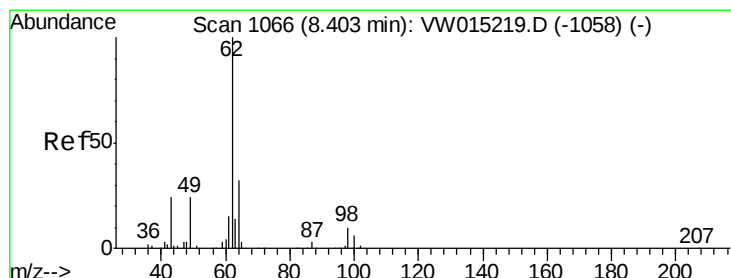
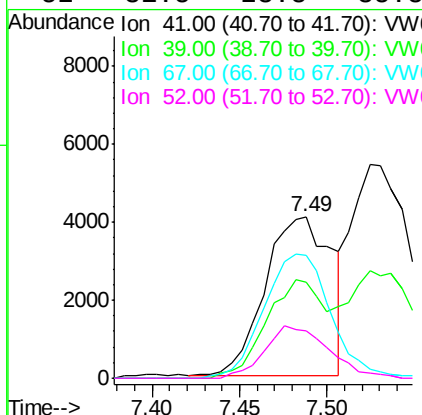
#41
Methacrylonitrile
Concen: 18.949 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tot Ion	41	Resp	10829
Ion	Ratio	Lower	Upper
41	100		
39	52.7	41.9	62.9
67	78.6	60.6	91.0
52	31.5	23.8	35.8

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

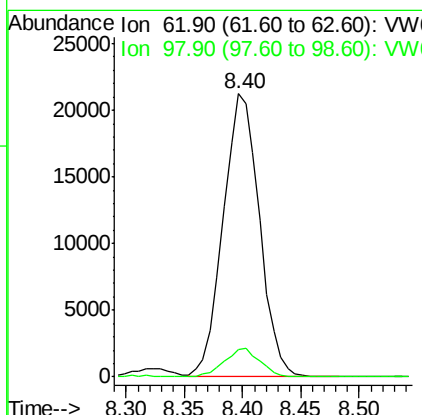
Manual Integrations
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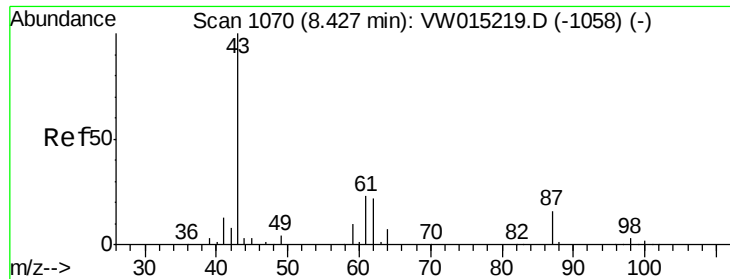
MMDadoda
4/23/2020 1:32:52 PM



#42
1,2-Dichloroethane
Concen: 19.937 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	62	Resp	46012
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





#43

Isopropyl Acetate

Concen: 18.585 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

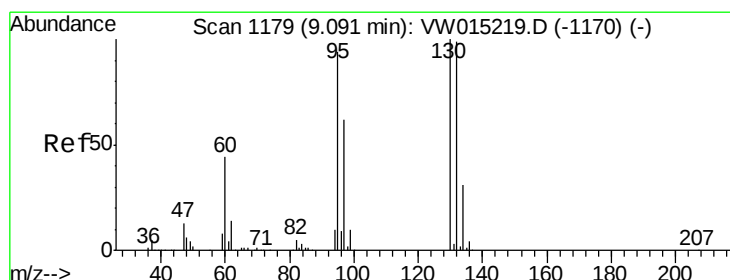
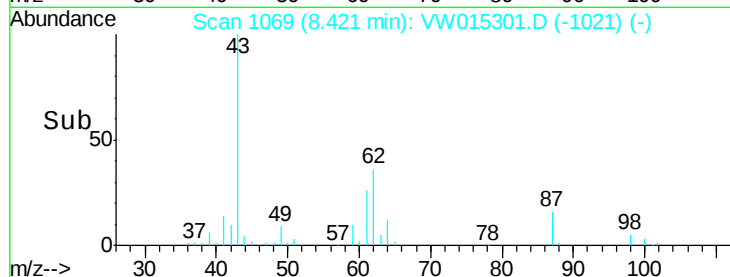
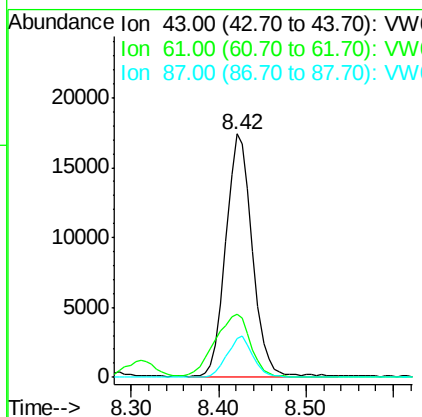
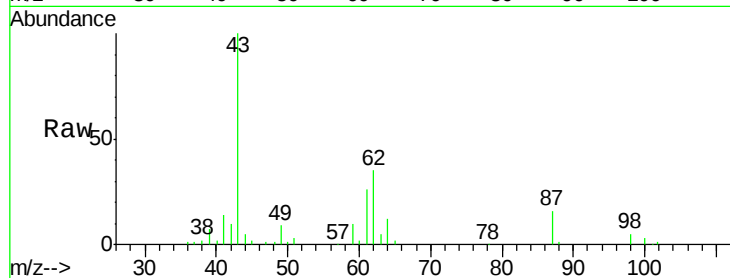
ClientSampleId :

VW0422SBS01

Tot Ion:	43	Resp:	37125
Ion	Ratio	Lower	Upper
43	100		
61	34.7	24.8	37.2
87	16.1	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 21.770 ug/l

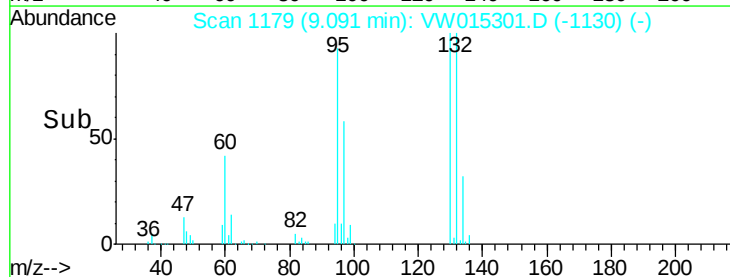
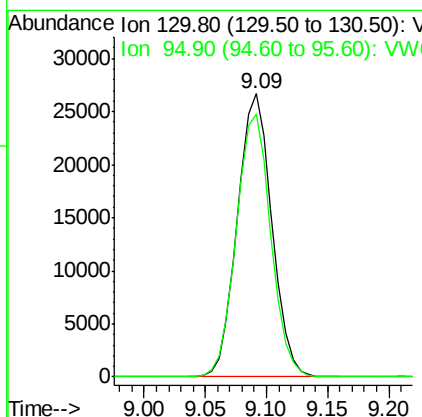
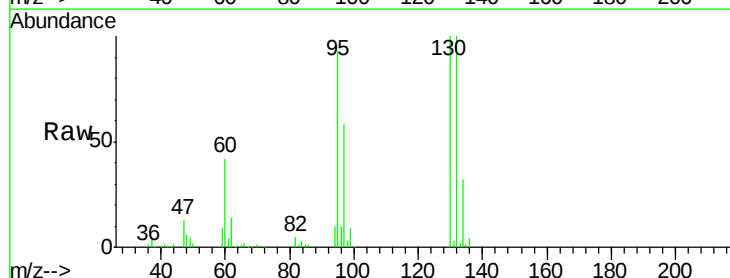
RT: 9.09 min Scan# 1179

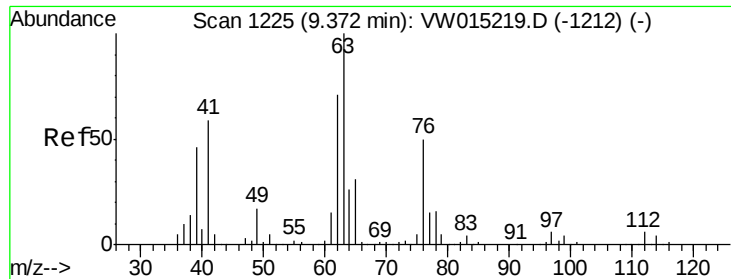
Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Tgt Ion:	130	Resp:	52202
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	196.4





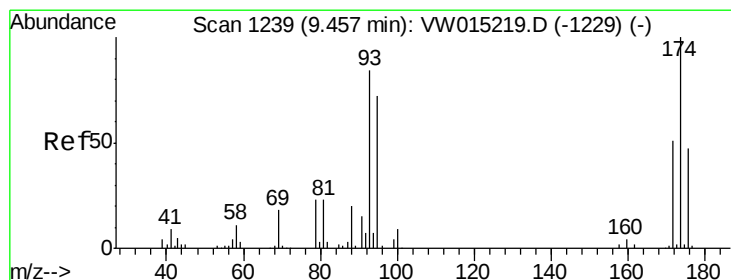
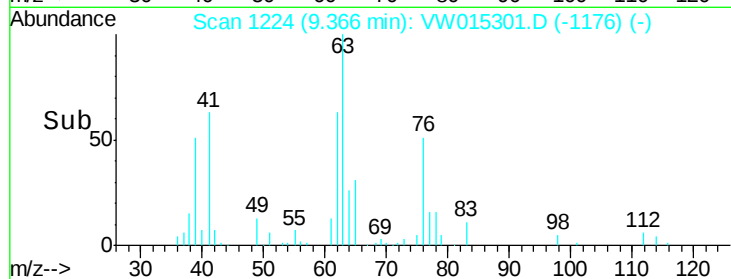
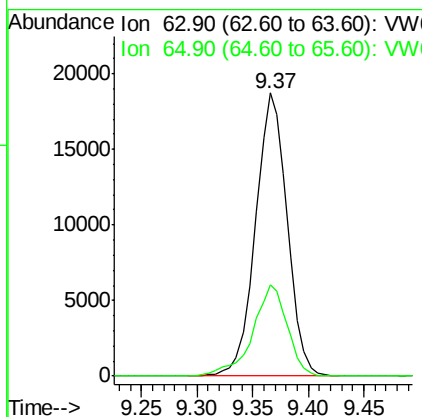
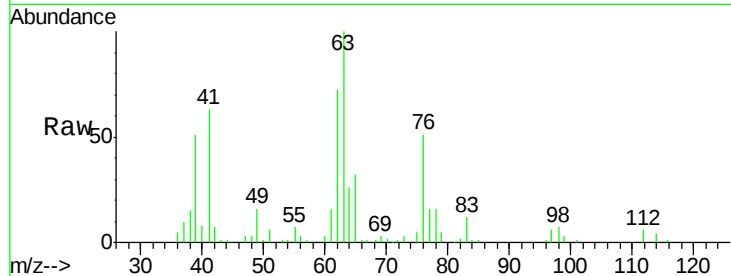
#45
 1,2-Dichloropropane
 Concen: 20.303 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion: 63 Resp: 37014
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.5 38.3

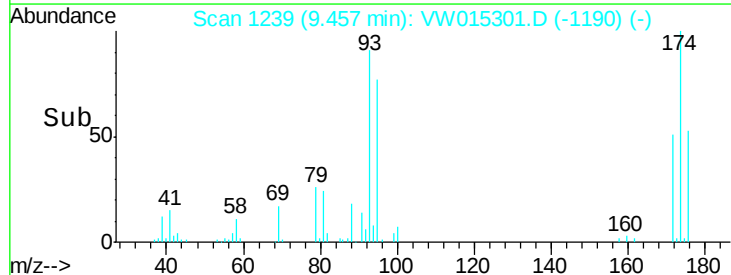
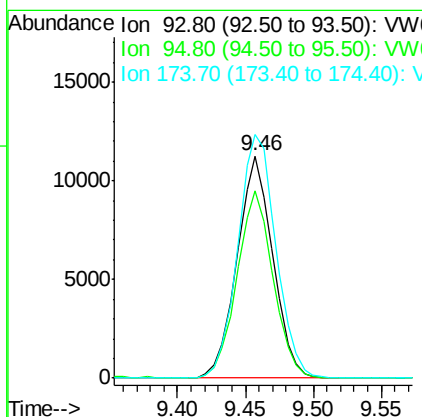
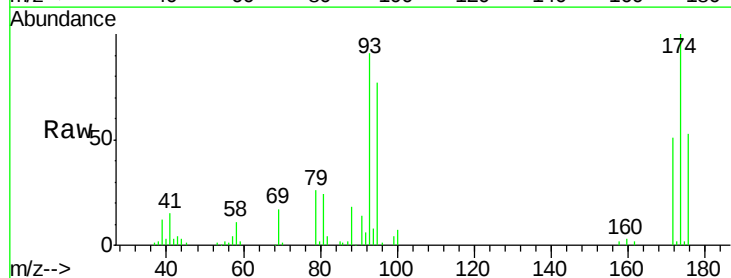
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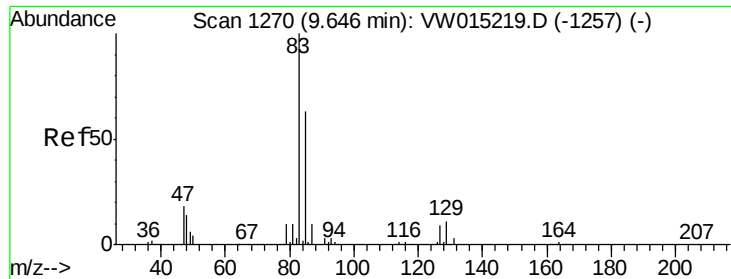
MMDadoda
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#46
 Dibromomethane
 Concen: 19.600 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion: 93 Resp: 20669
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.5 101.3
 174 116.7 74.1 111.1#





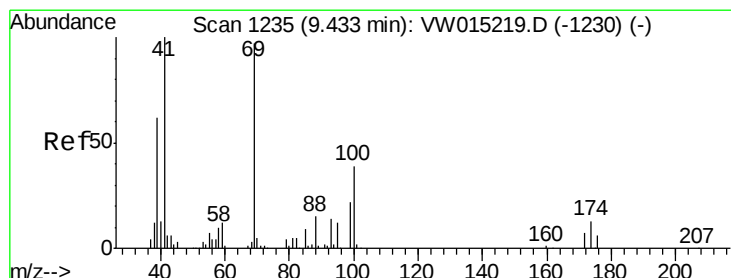
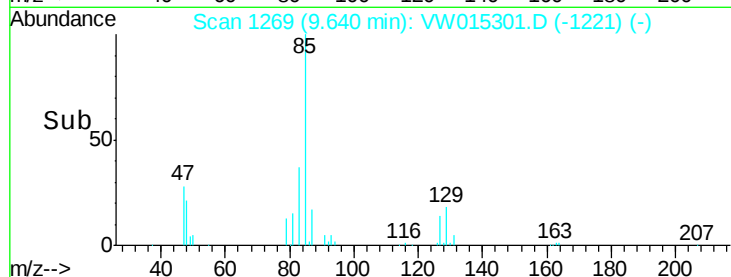
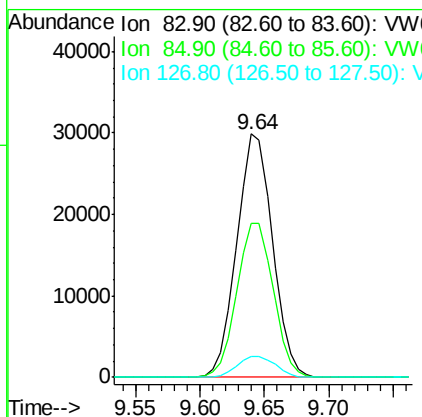
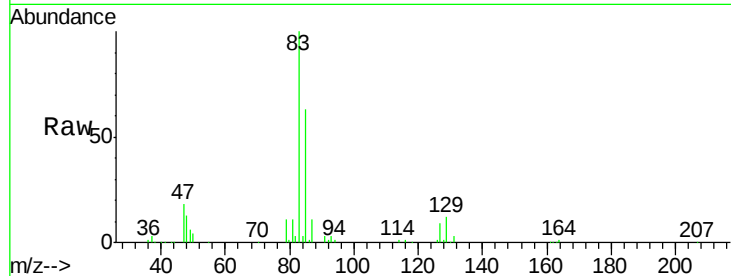
#47
Bromodichloromethane
Concen: 20.409 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.2	50.6	76.0	
127	8.8	6.7	10.1	

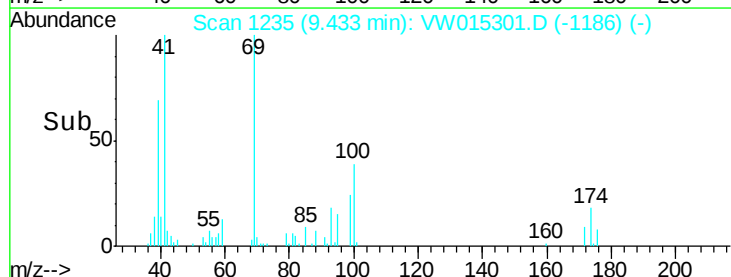
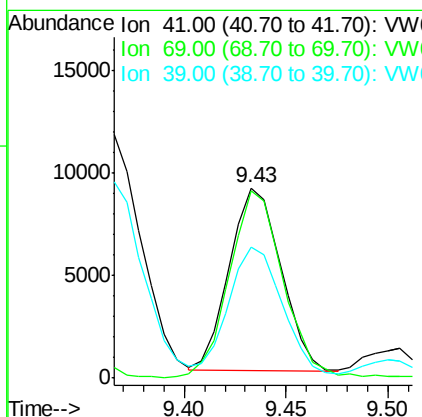
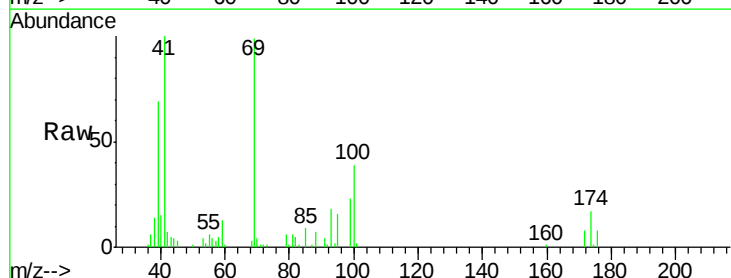
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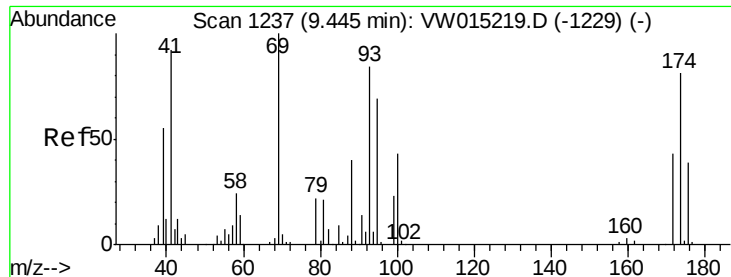
MMDadoda
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#48
Methyl methacrylate
Concen: 16.689 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	107.6	70.6	105.8#	
39	70.9	42.6	64.0#	





#49

1,4-Dioxane

Concen: 325.707 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion: 88 Resp: 4579

Ion Ratio Lower Upper

88 100

43 29.5 23.5 35.3

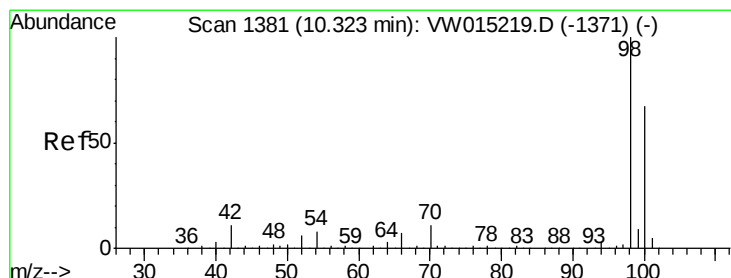
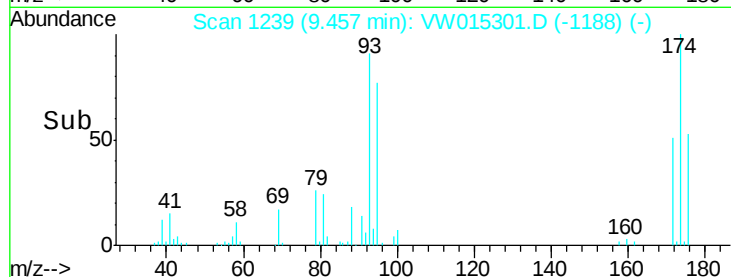
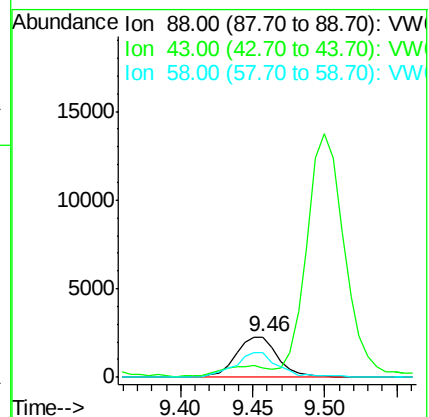
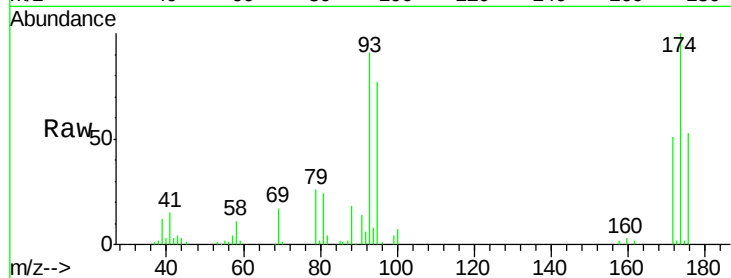
58 64.6 55.4 83.2

Manual Integrations

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#50

Toluene-d8

Concen: 49.063 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015301.D

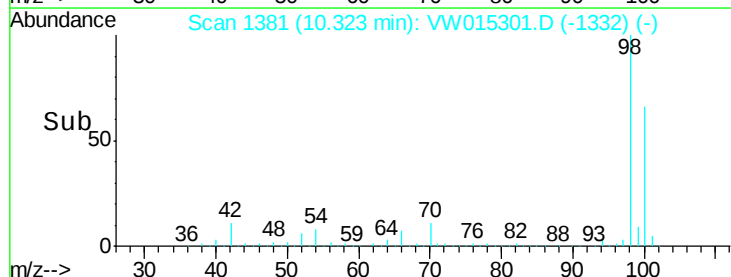
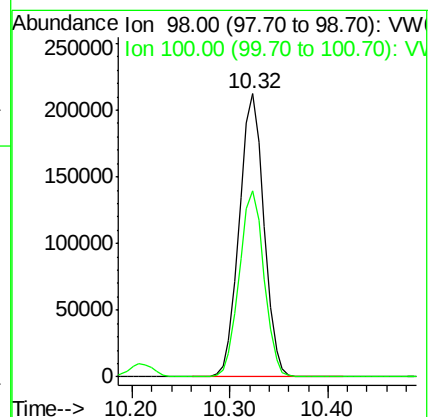
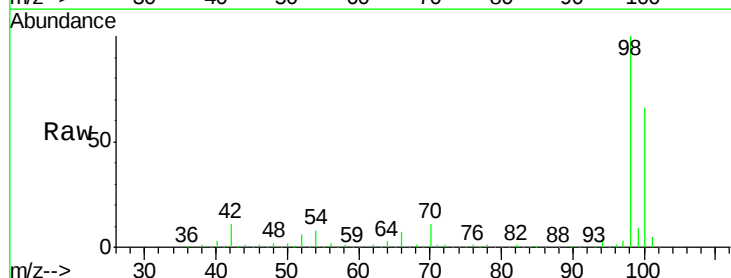
Acq: 22 Apr 2020 12:21

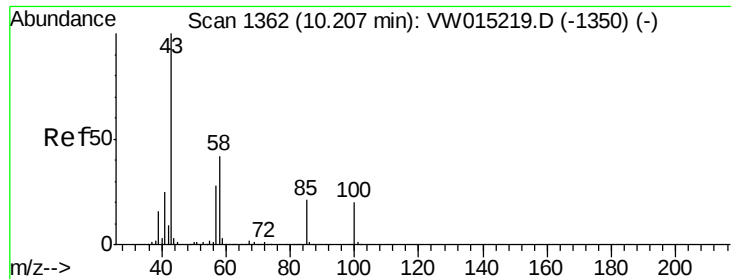
Tgt Ion: 98 Resp: 371731

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 87.720 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampled :

VW0422SBS01

Tot Ion: 43 Resp: 82257

Ion Ratio Lower Upper

43 100

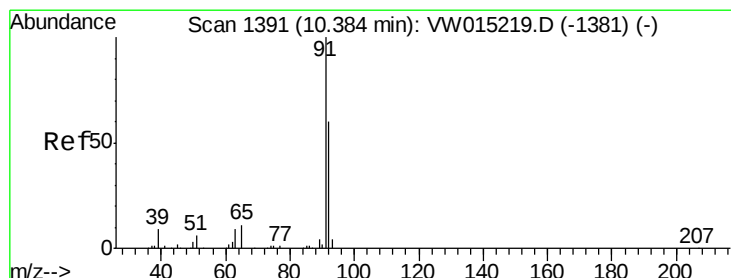
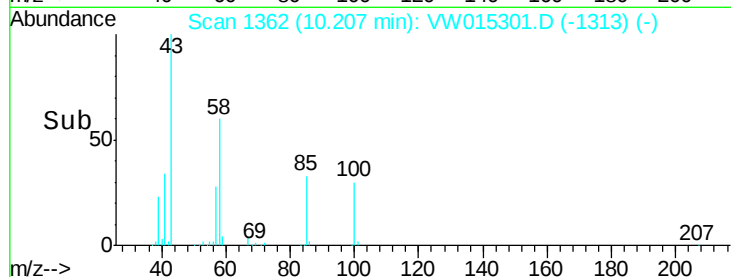
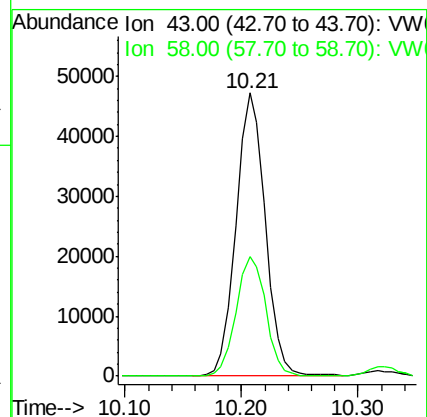
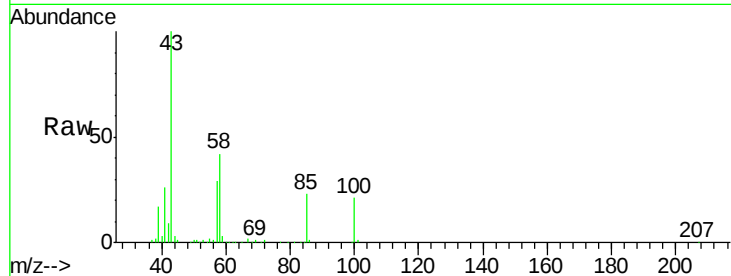
58 43.2 32.3 48.5

Manual Integrations

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#52

Toluene

Concen: 20.456 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015301.D

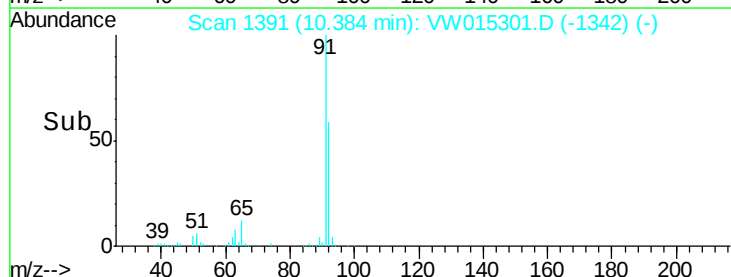
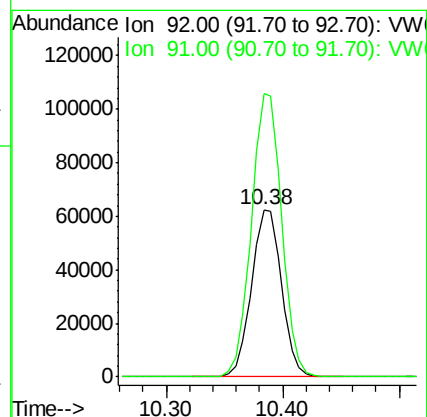
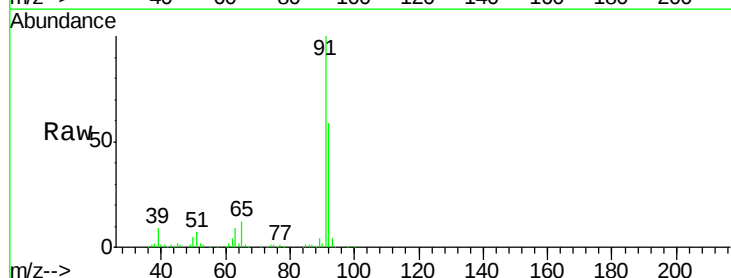
Acq: 22 Apr 2020 12:21

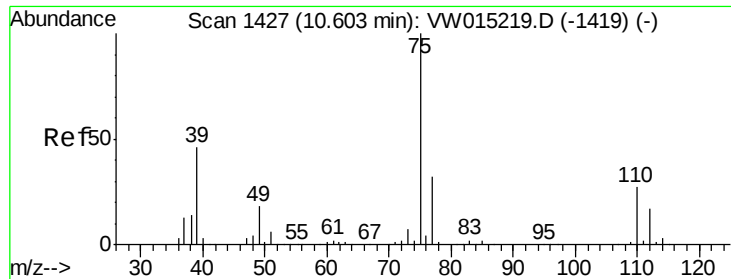
Tgt Ion: 92 Resp: 112234

Ion Ratio Lower Upper

92 100

91 171.3 137.1 205.7





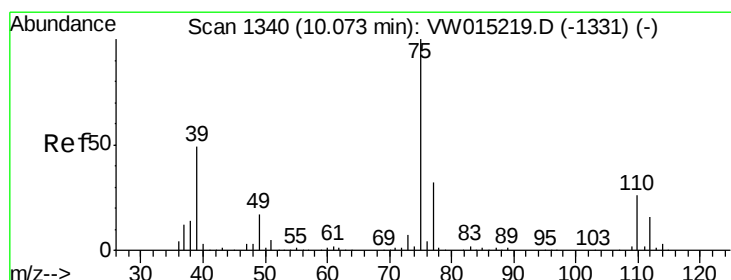
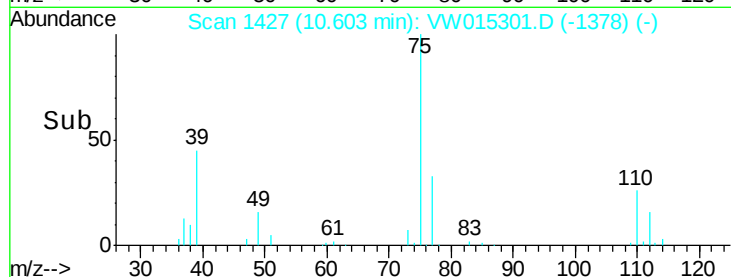
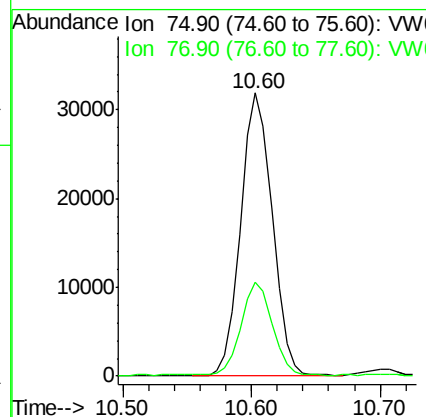
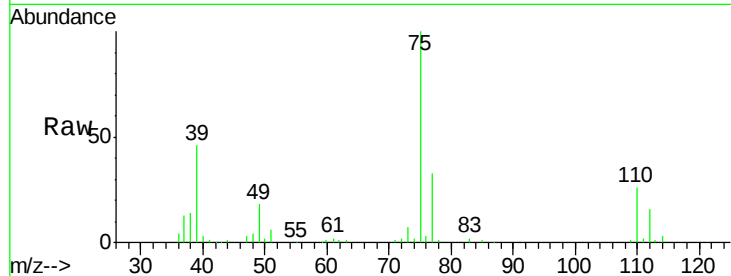
#53
 t-1,3-Dichloropropene
 Concen: 19.506 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion: 75 Resp: 54223
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.5 38.3

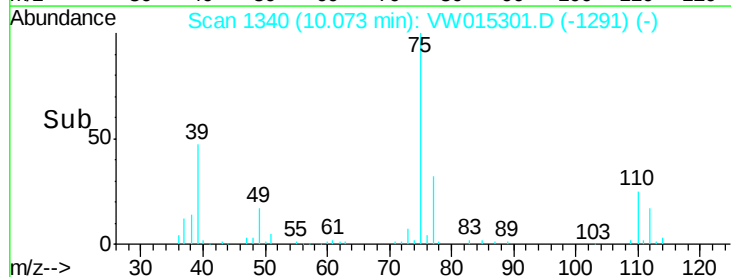
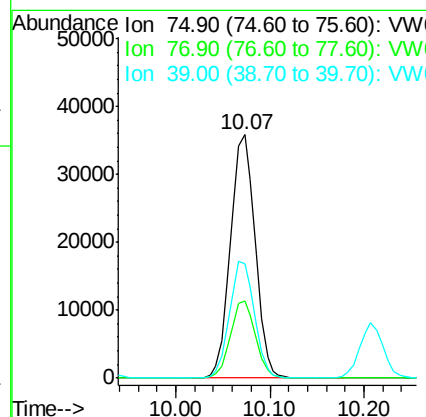
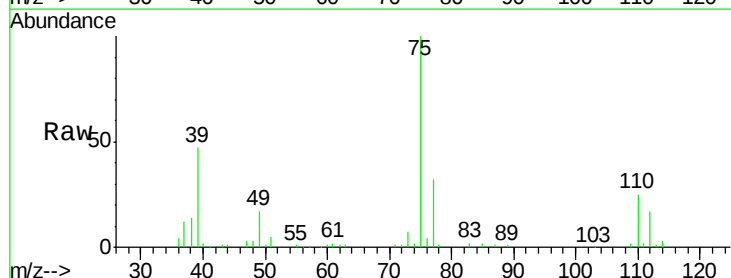
Manual Integrations
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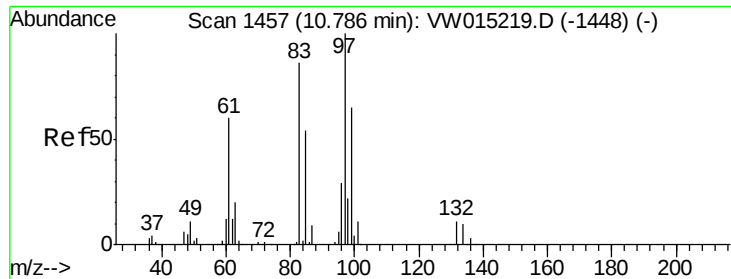
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#54
 cis-1,3-Dichloropropene
 Concen: 20.194 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion: 75 Resp: 65248
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.6 39.8
 39 47.0 37.8 56.6





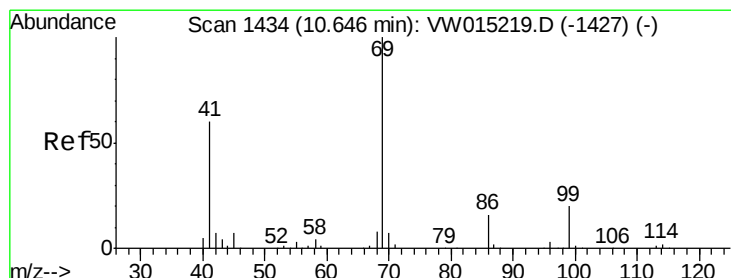
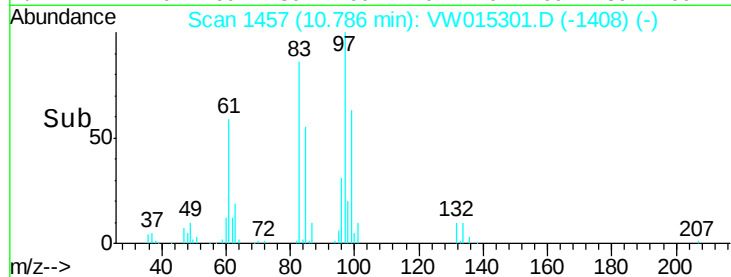
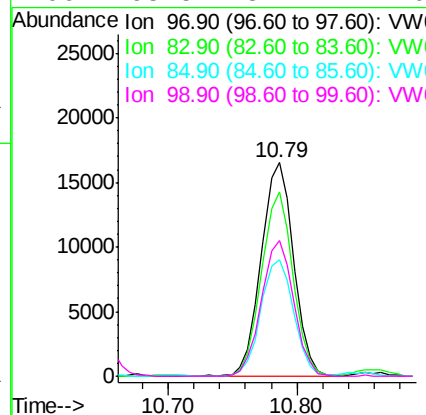
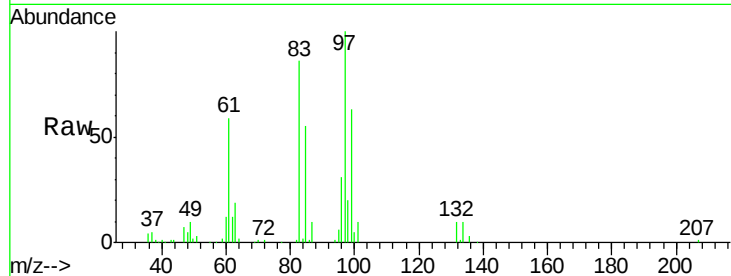
#55
 1,1,2-Trichloroethane
 Concen: 19.530 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28839		
83	86.4	67.3	100.9		
85	54.8	43.8	65.8		
99	63.5	51.4	77.0		

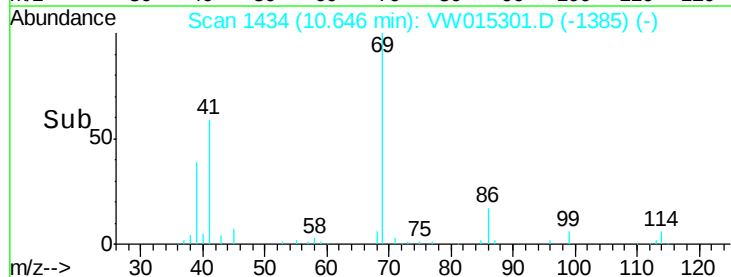
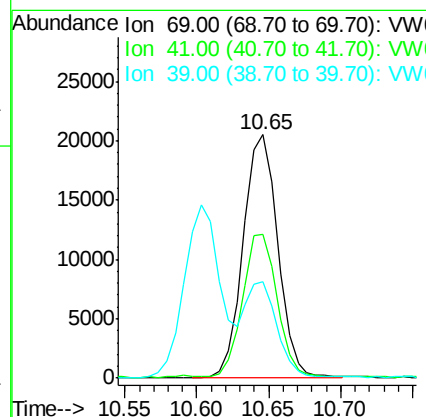
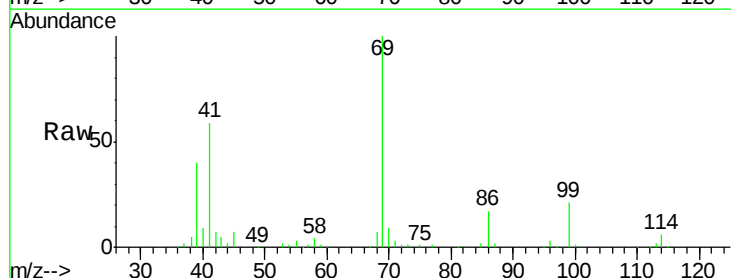
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 18.022 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		34283		
41	58.7	51.3	76.9		
39	35.6	24.6	37.0		





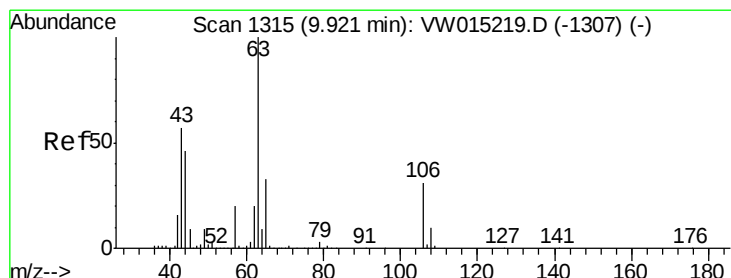
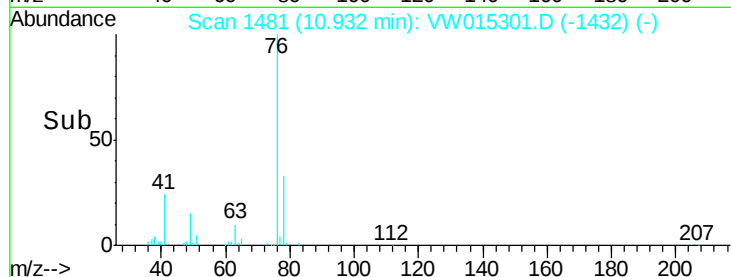
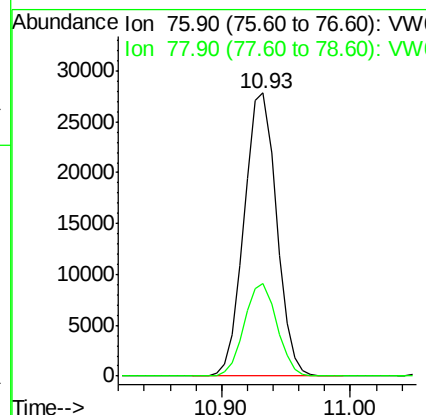
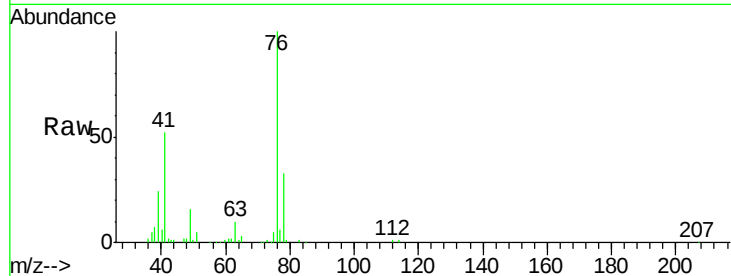
#57
 1,3-Dichloropropane
 Concen: 19.838 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion: 76 Resp: 48526
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.4

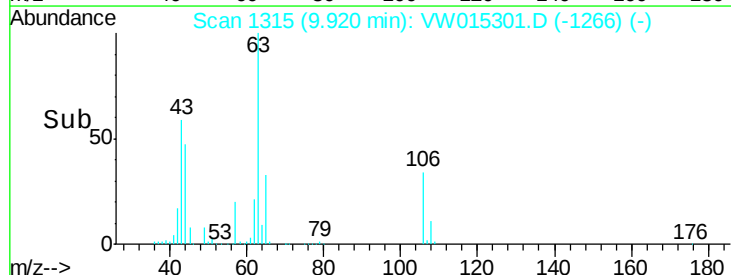
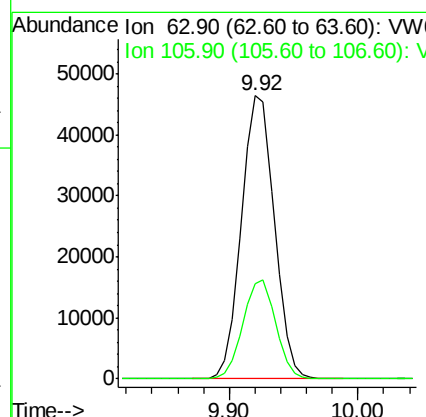
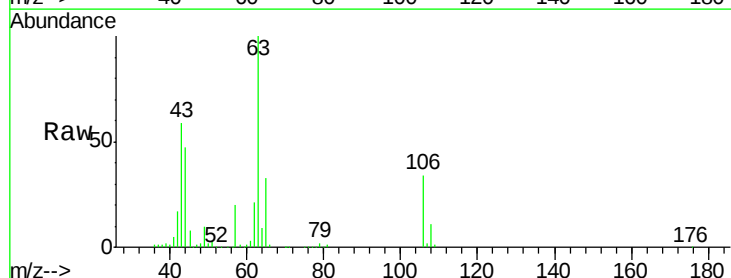
Manual Integrations
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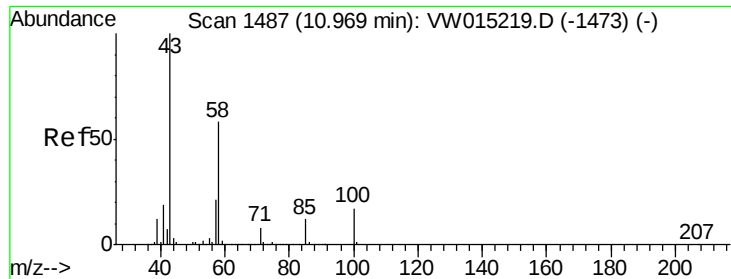
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 4/23/2020 1:32:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.249 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion: 63 Resp: 82241
 Ion Ratio Lower Upper
 63 100
 106 34.7 22.6 33.8#





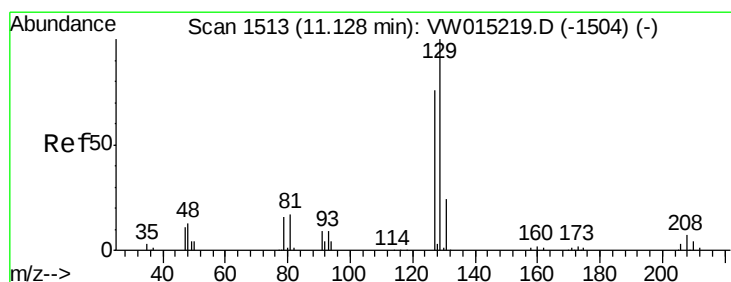
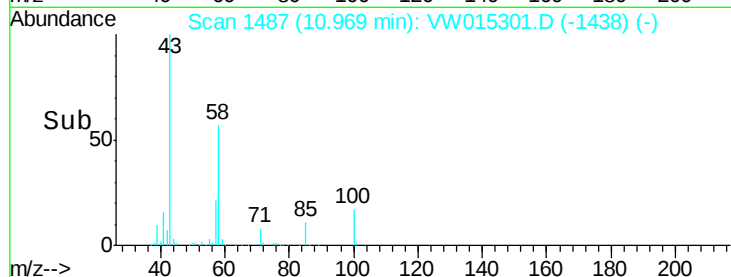
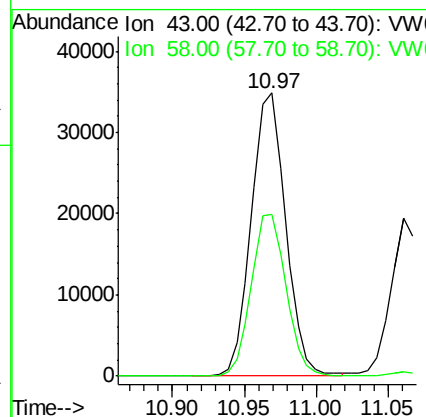
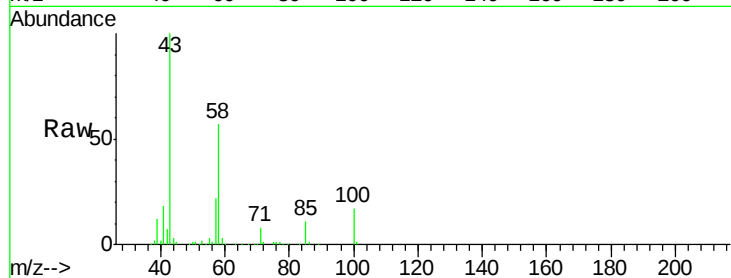
#59
2-Hexanone
Concen: 85.767 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	43	Resp	57411
Ion Ratio	100	Lower	Upper
43	100		
58	58.2	28.1	84.3

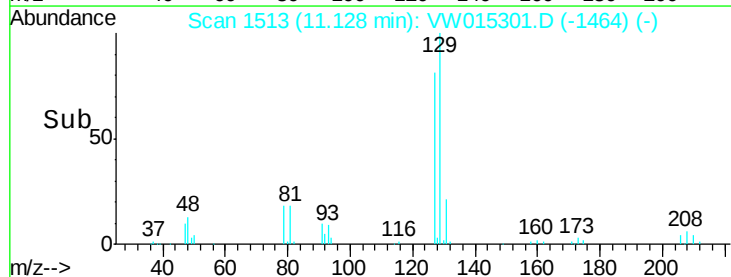
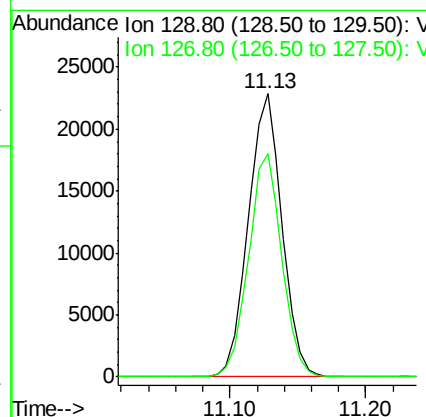
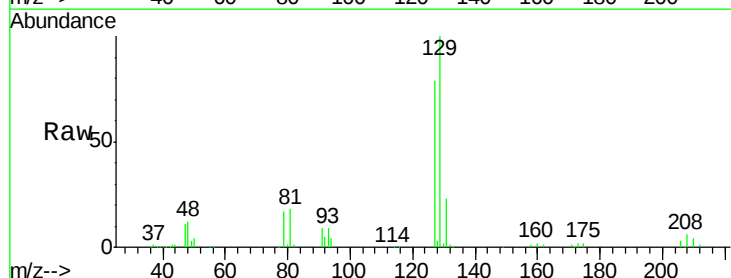
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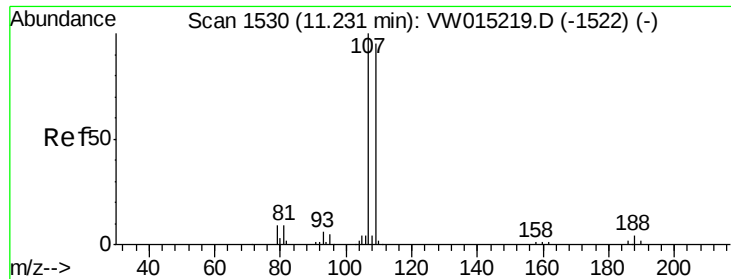
MMDadoda
4/23/2020 1:32:52 PM



#60
Dibromochloromethane
Concen: 20.278 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	129	Resp	39537
Ion Ratio	100	Lower	Upper
129	100		
127	77.8	38.3	114.8





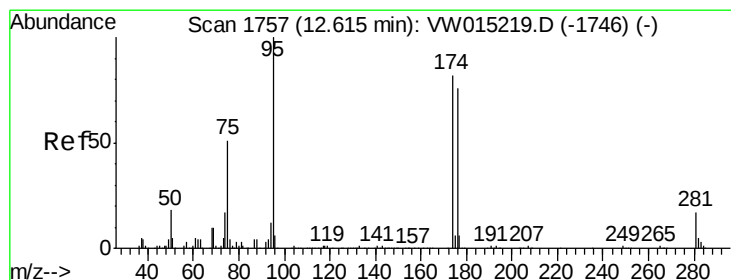
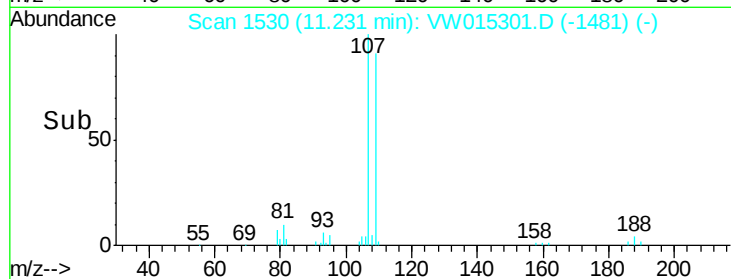
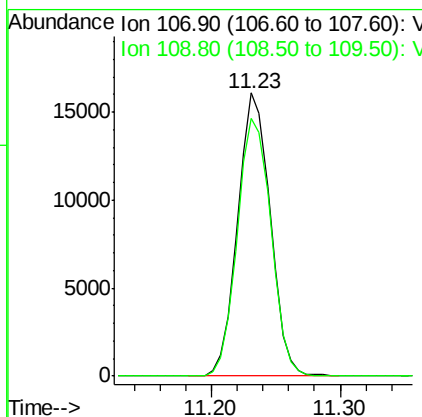
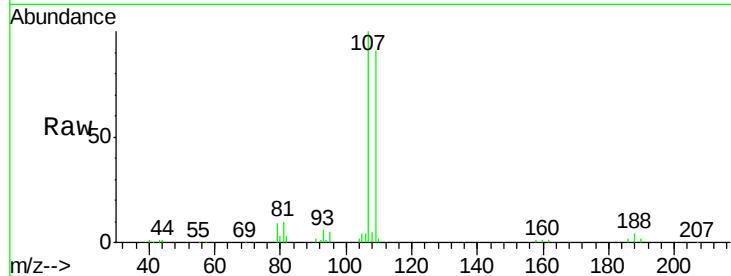
#61
 1,2-Dibromoethane
 Concen: 19.554 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.3	111.5

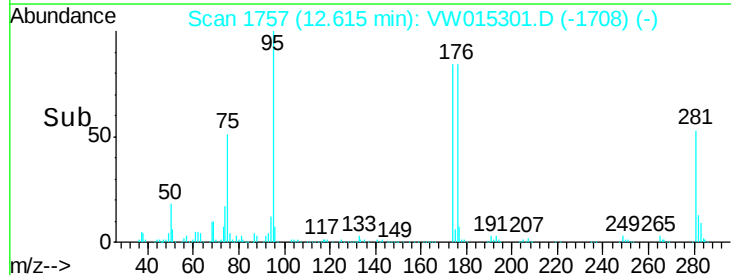
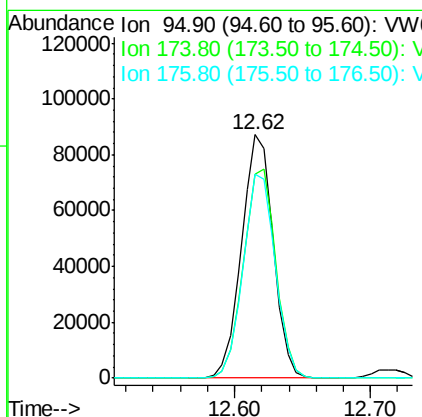
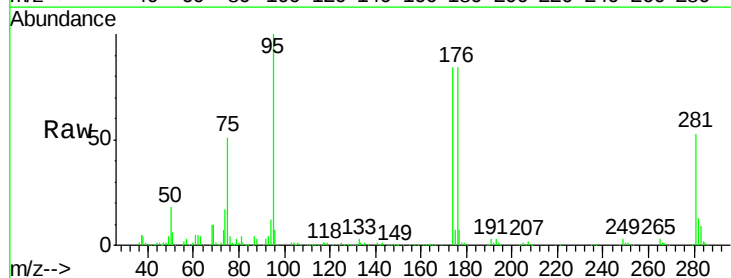
Manual Integrations
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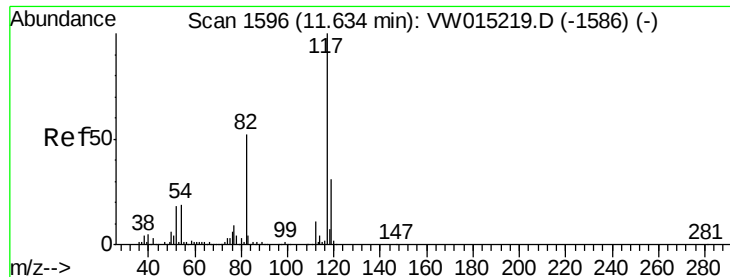
MMDadoda
 4/23/2020 1:32:52 PM



#62
 4-Bromofluorobenzene
 Concen: 48.951 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	144.4
176	85.5	0.0	140.6





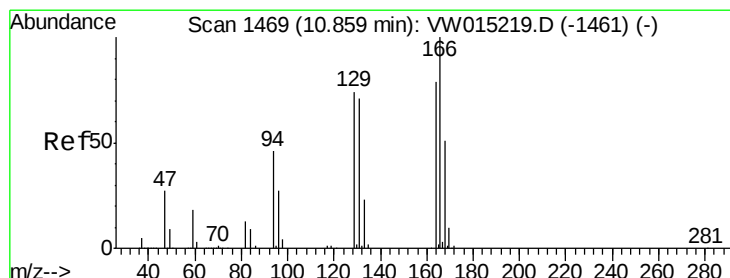
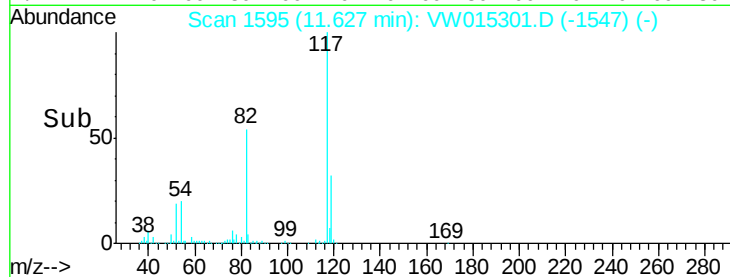
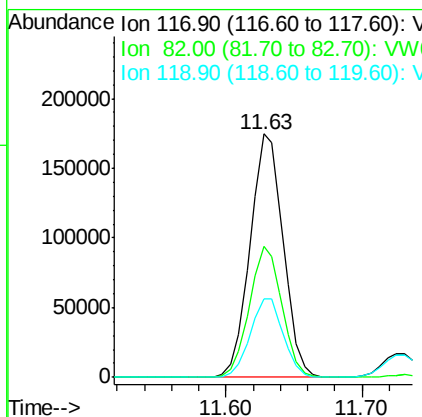
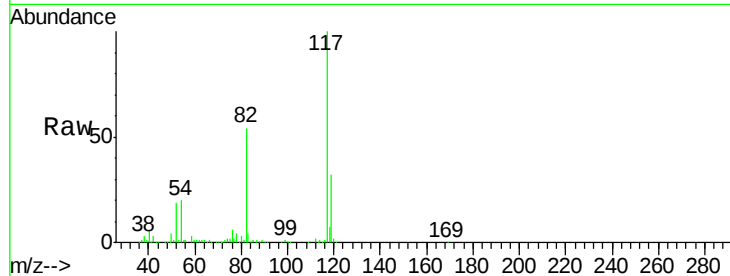
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298044		
82	53.7		44.1	66.1
119	32.4		24.9	37.3

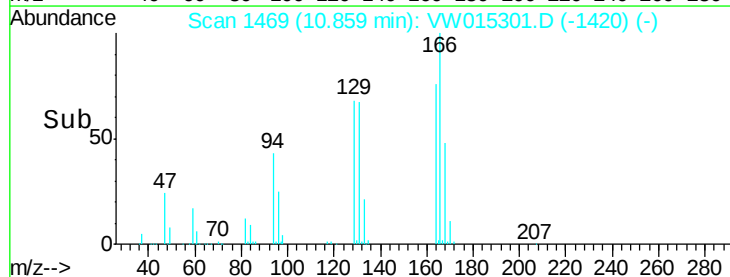
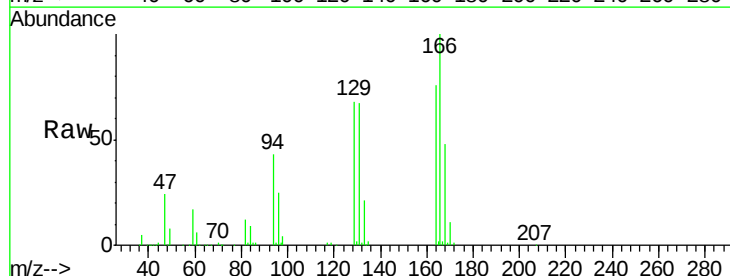
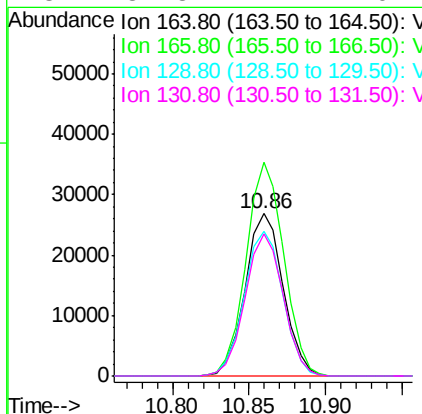
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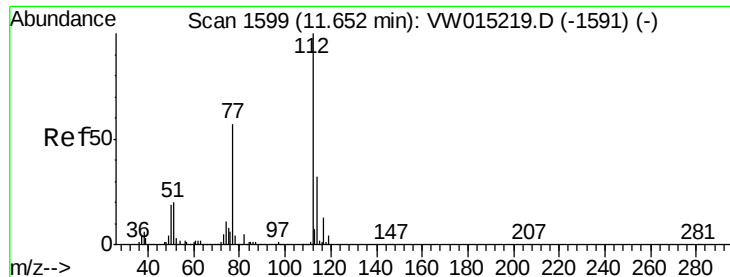
MMDadoda
4/23/2020 1:32:52 PM



#64
Tetrachloroethene
Concen: 21.803 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46379		
166	131.6		102.6	154.0
129	89.5		80.2	120.2
131	87.8		77.4	116.2





#65

Chlorobenzene

Concen: 20.952 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion:112 Resp: 122536

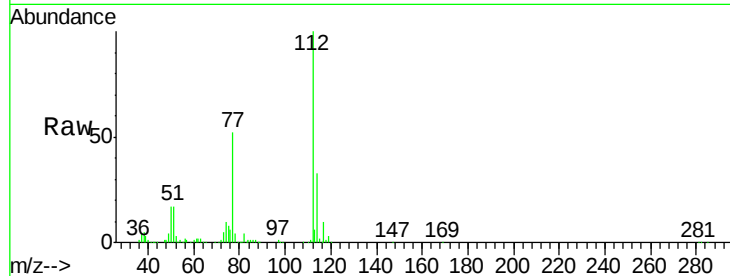
Ion Ratio Lower Upper

112 100

114 33.4 25.8 38.6

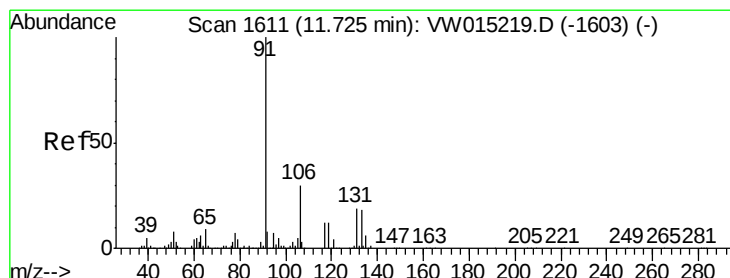
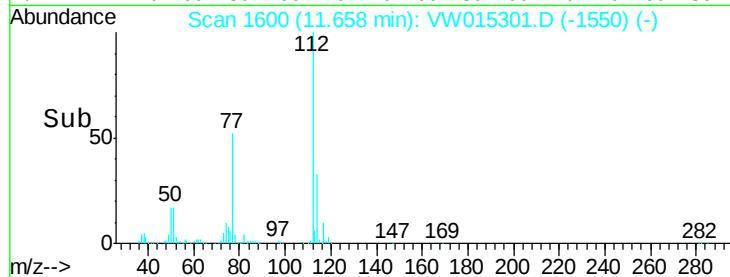
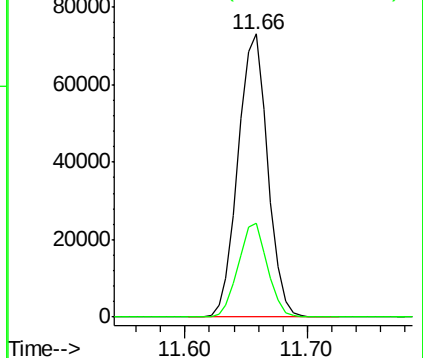
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.415 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

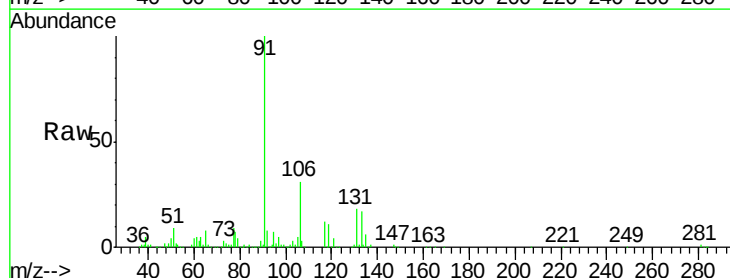
Tgt Ion:131 Resp: 45015

Ion Ratio Lower Upper

131 100

133 97.0 47.7 143.1

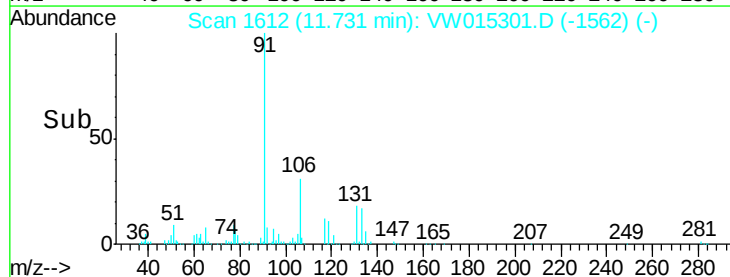
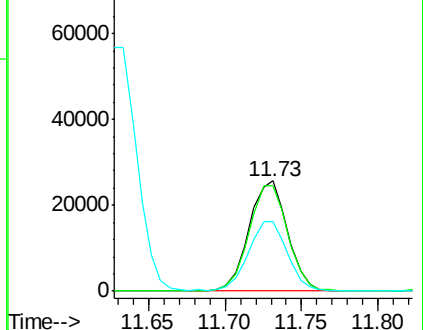
119 63.2 34.0 101.8

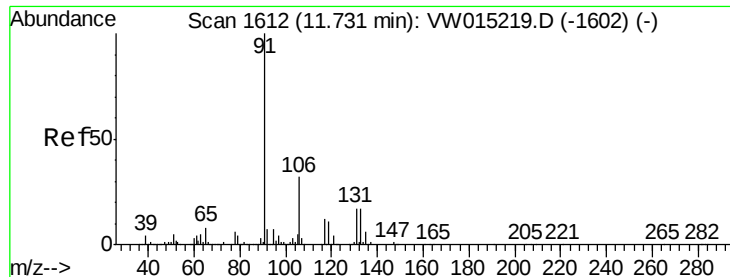


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





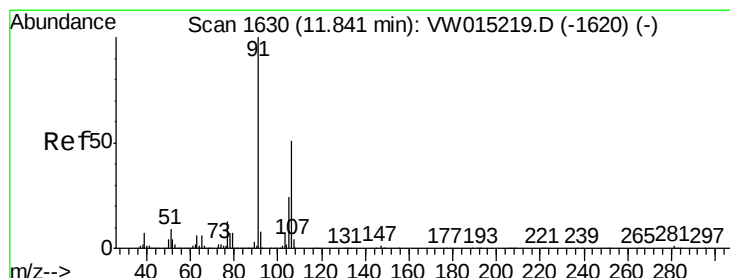
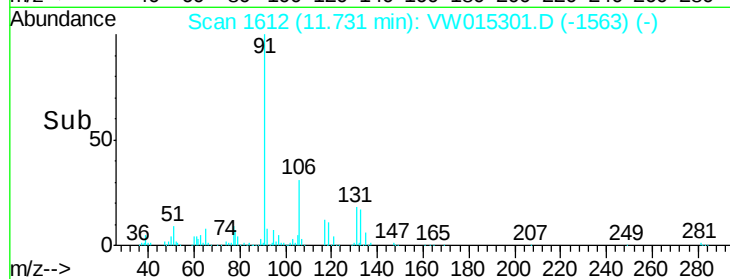
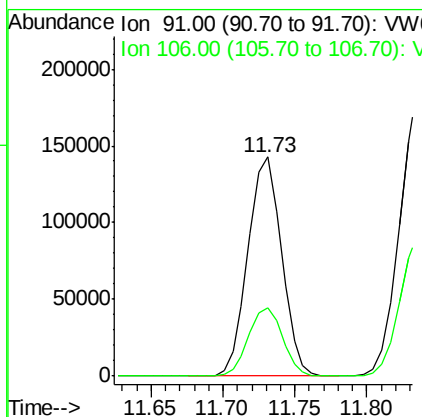
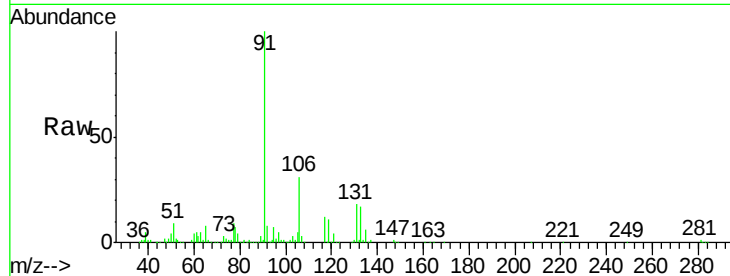
#67
Ethyl Benzene
Concen: 21.176 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.7	38.5

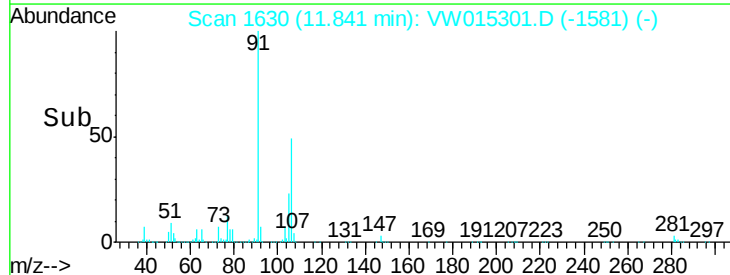
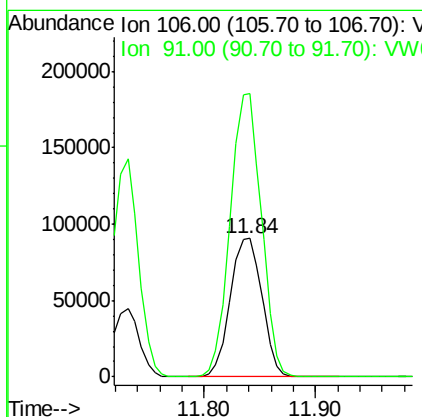
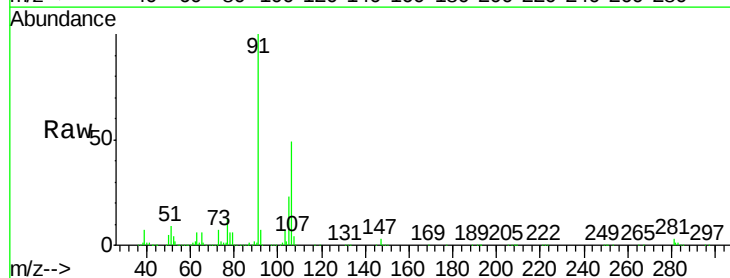
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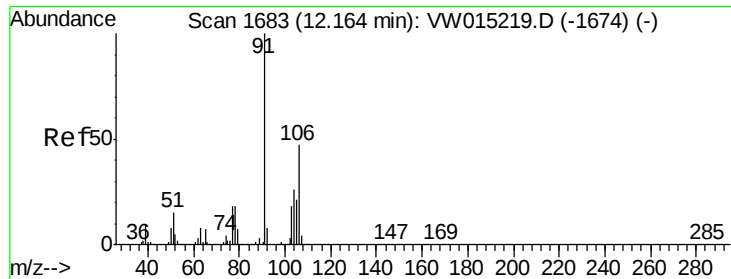
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#68
m/p-Xylenes
Concen: 41.988 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.8	160.0	240.0





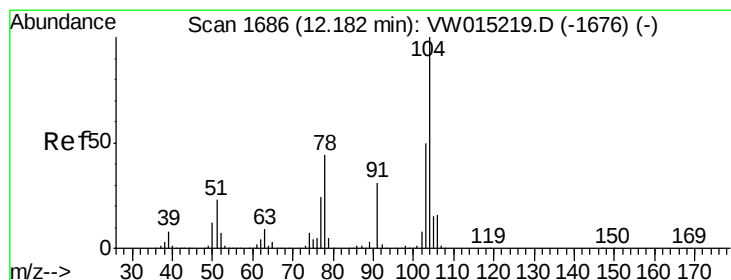
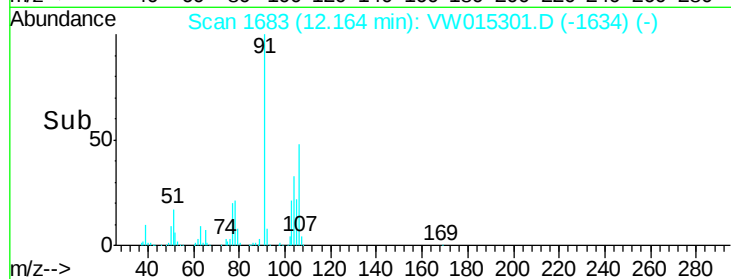
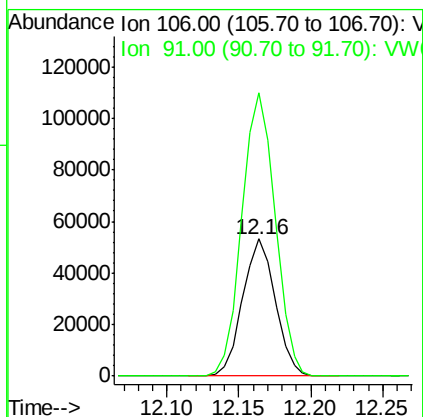
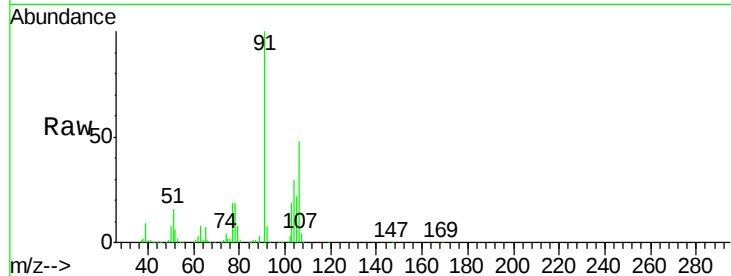
#69
o-Xylene
Concen: 20.953 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.6	105.7	317.1	

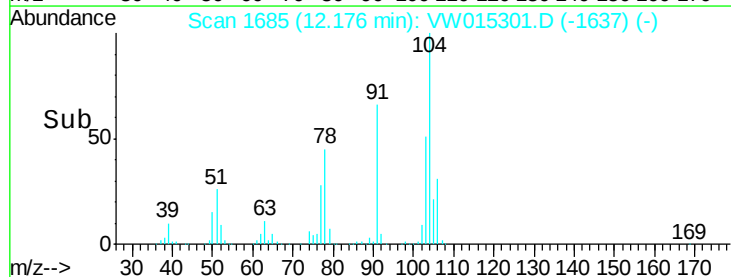
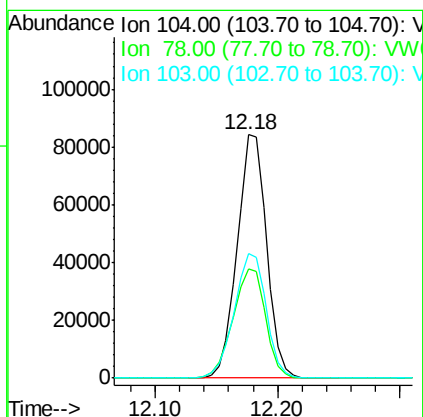
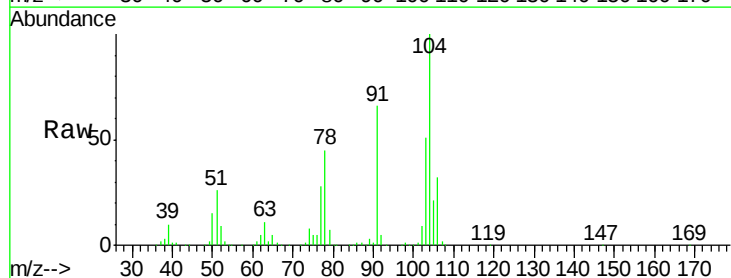
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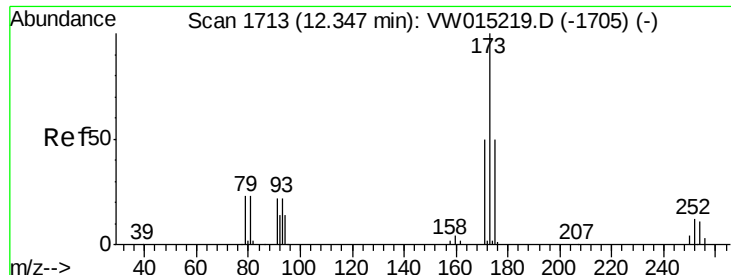
MMDadoda
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#70
Styrene
Concen: 20.616 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.6	39.8	59.6	
103	55.2	43.8	65.6	





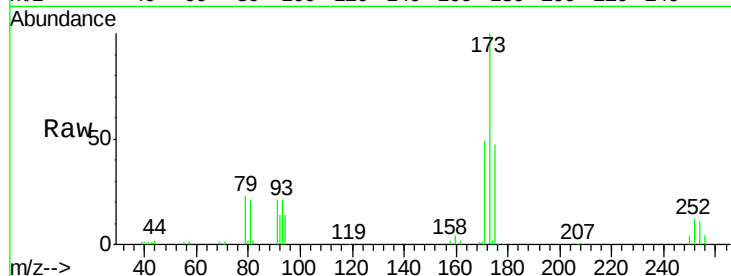
#71
Bromoform
Concen: 19.697 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

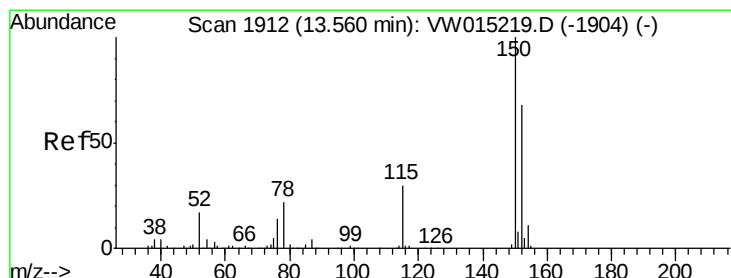
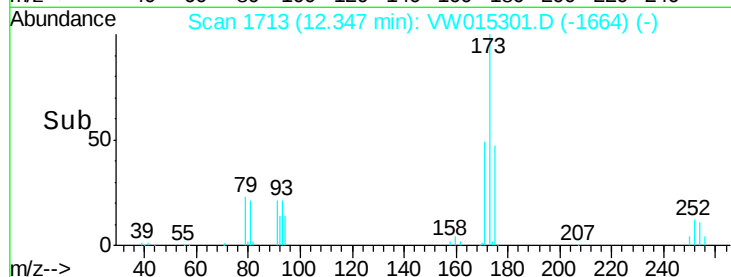
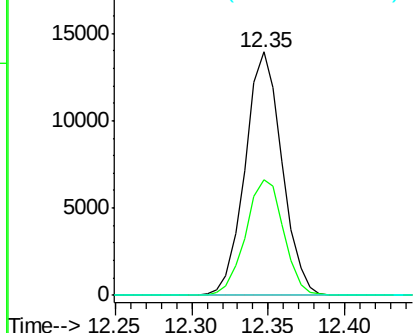
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	25.1	75.4
254	0.0	0.1	0.1#

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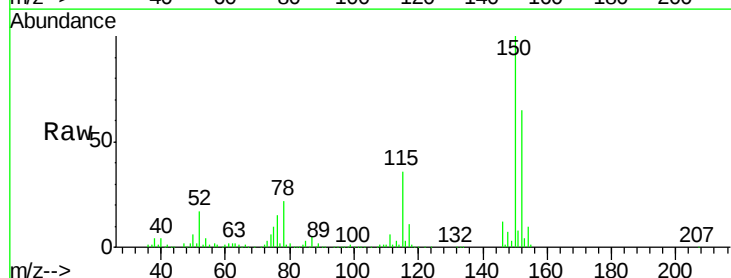


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

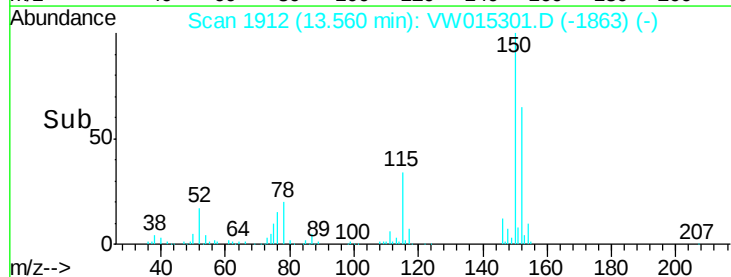
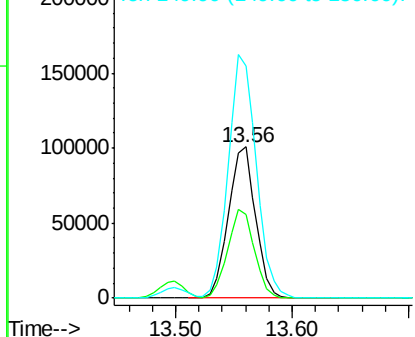


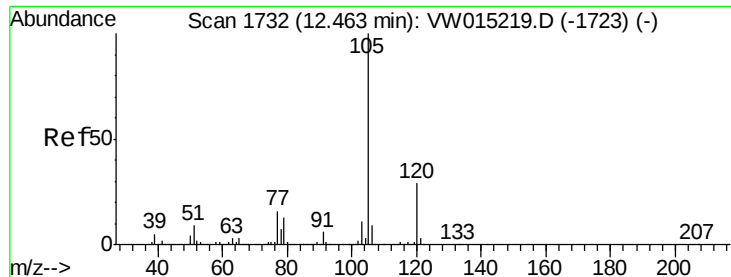
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	31.3	93.9
150	167.5	0.0	343.4



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: 20.914 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion:105 Resp: 235575

Ion Ratio Lower Upper

105 100

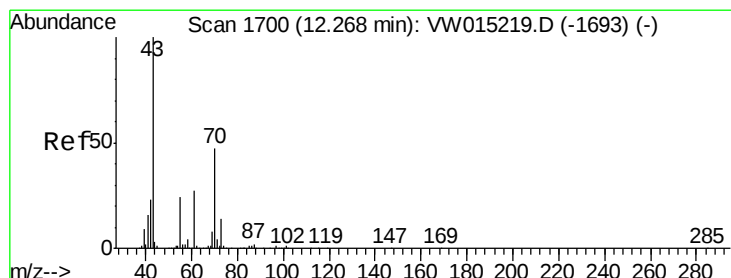
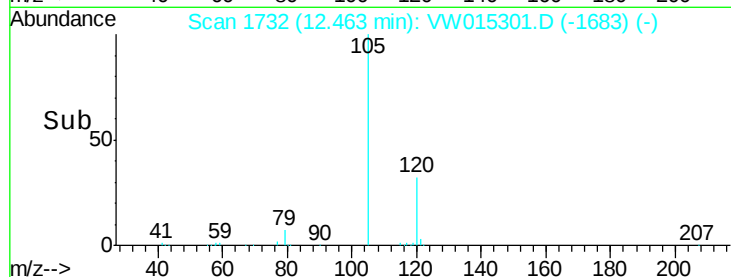
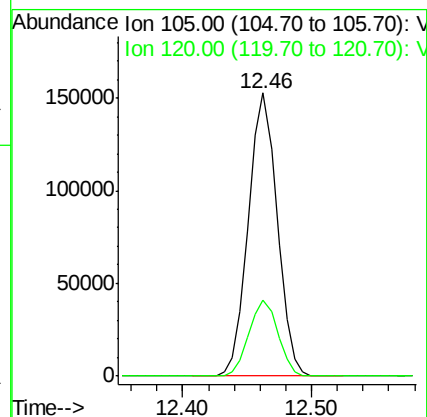
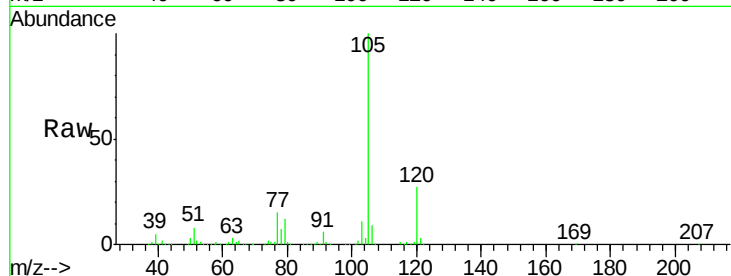
120 27.1 13.7 41.1

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#74

N-ethyl acetate

Concen: 17.517 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Tgt Ion: 43 Resp: 34327

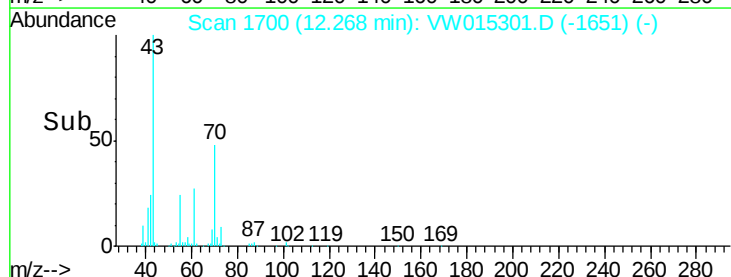
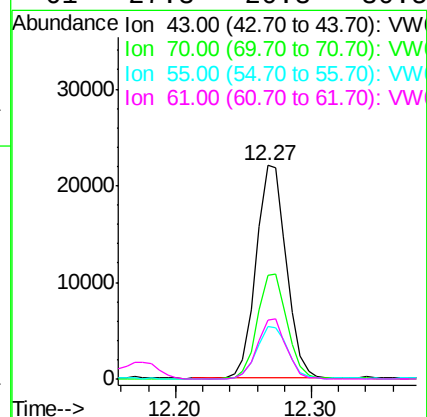
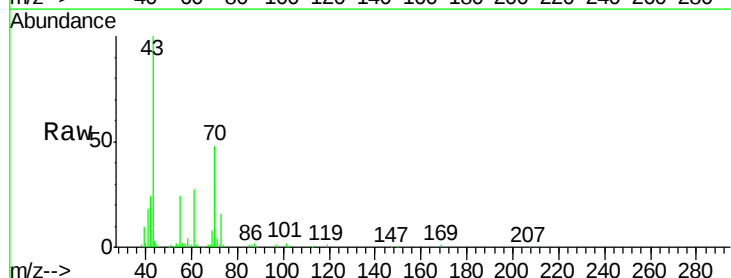
Ion Ratio Lower Upper

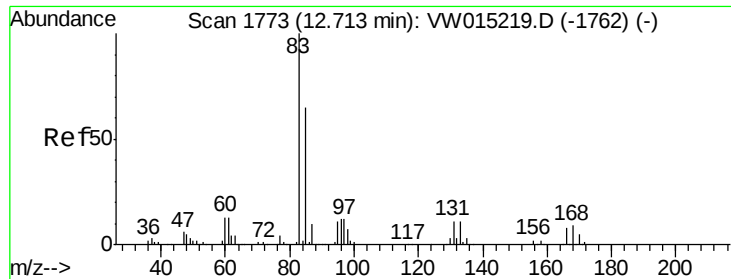
43 100

70 49.0 35.4 53.2

55 25.8 18.5 27.7

61 27.3 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.694 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

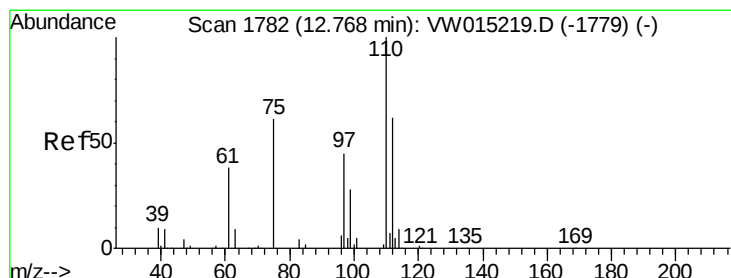
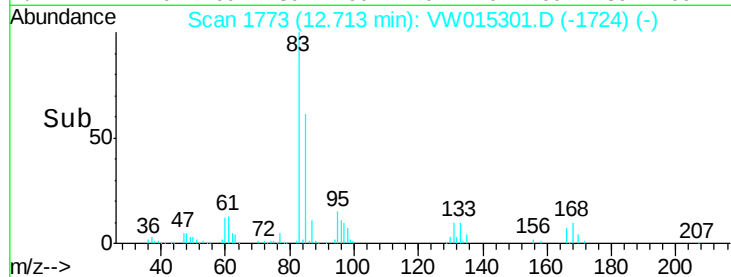
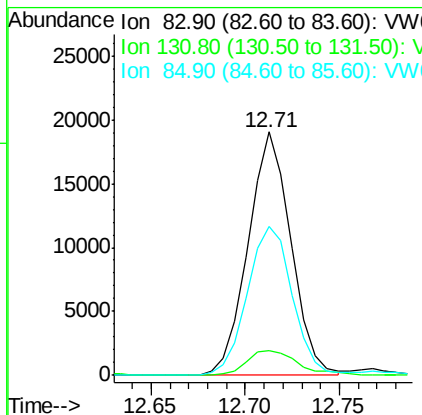
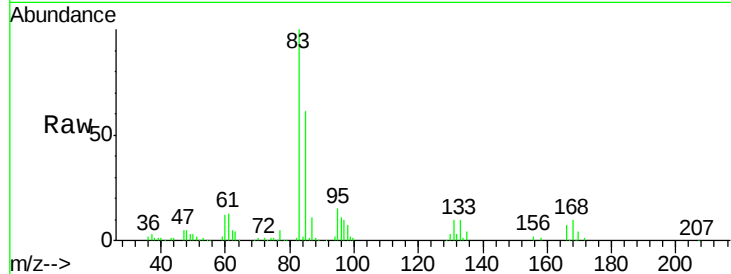
ClientSampleId :

VW0422SBS01

Tot Ion:	83	Resp:	29897
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.1	15.2
85	64.8	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.950 ug/l m

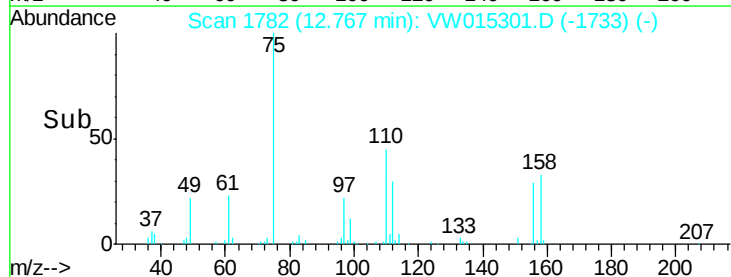
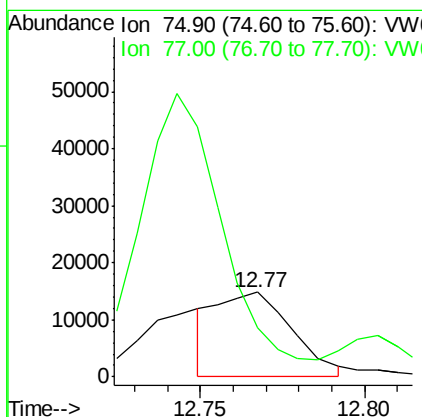
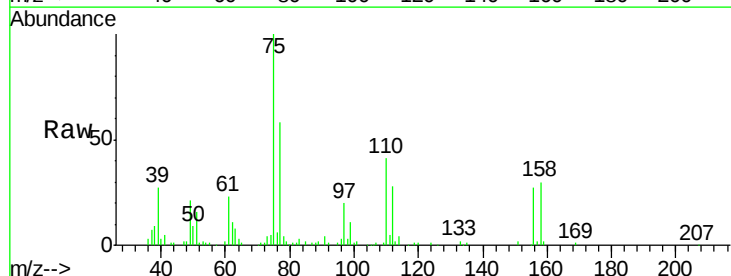
RT: 12.77 min Scan# 1782

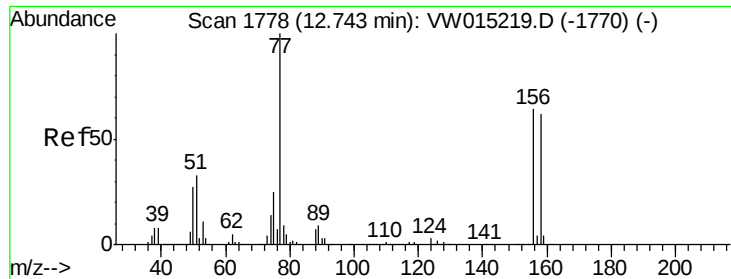
Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Tgt Ion:	75	Resp:	23816
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.157 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

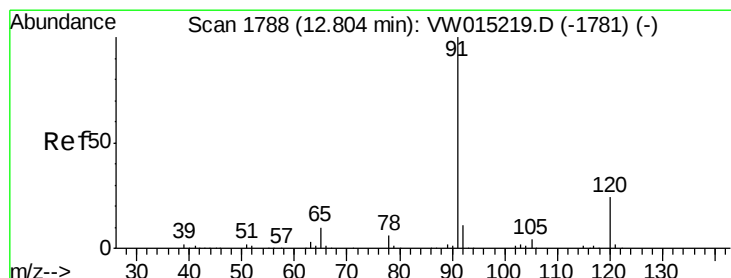
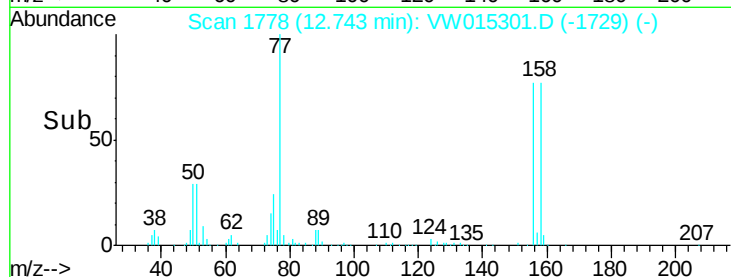
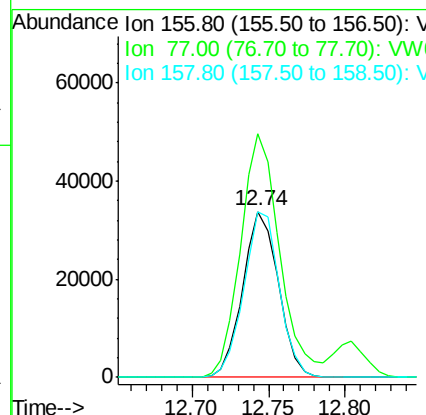
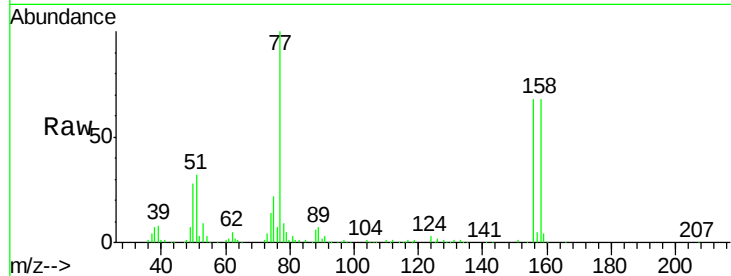
ClientSampleId :

VW0422SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.7	100.5	301.5
158	99.5	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 21.086 ug/l

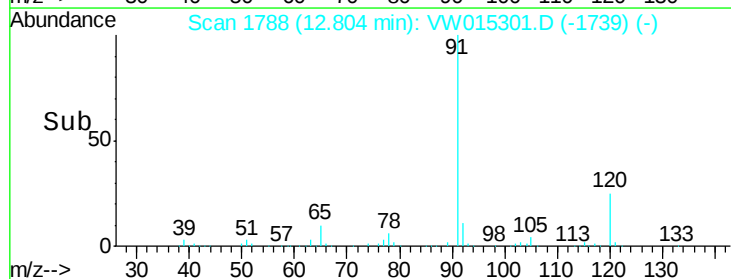
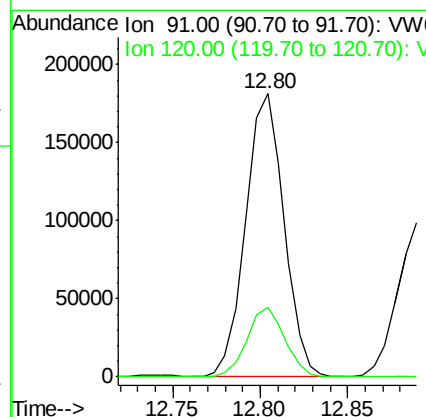
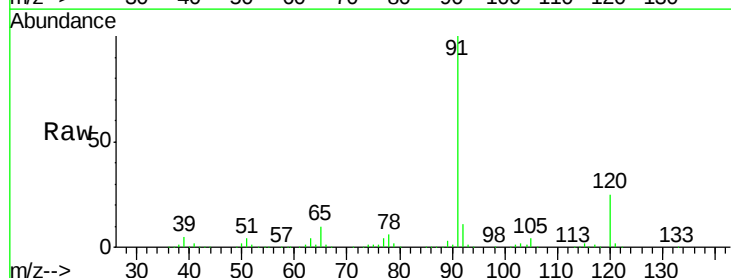
RT: 12.80 min Scan# 1788

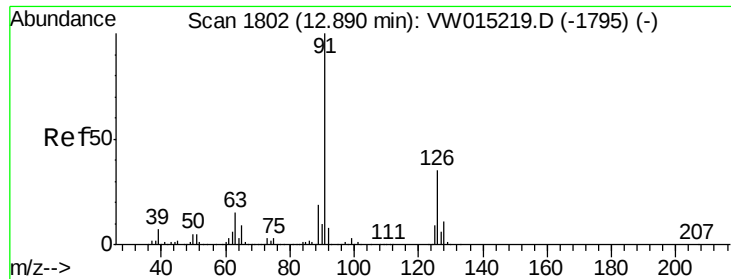
Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.4	34.1





#79

2-Chlorotoluene

Concen: 21.113 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0422SBS01

Tot Ion: 91 Resp: 156047

Ion Ratio Lower Upper

91 100

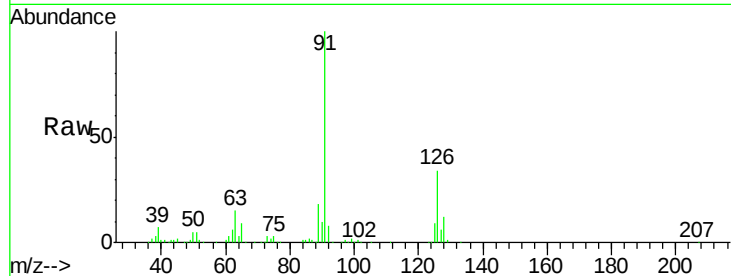
126 35.0 16.8 50.4

Manual Integrations

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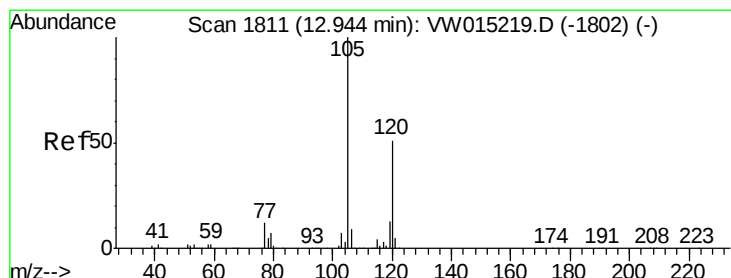
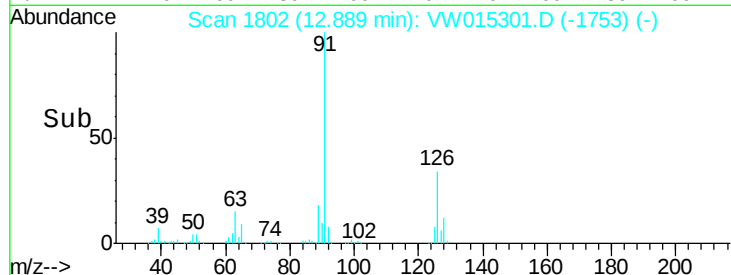
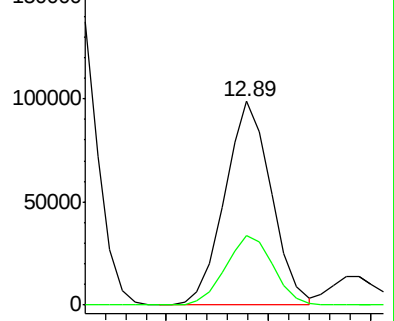
MMDadoda

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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: 21.086 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015301.D

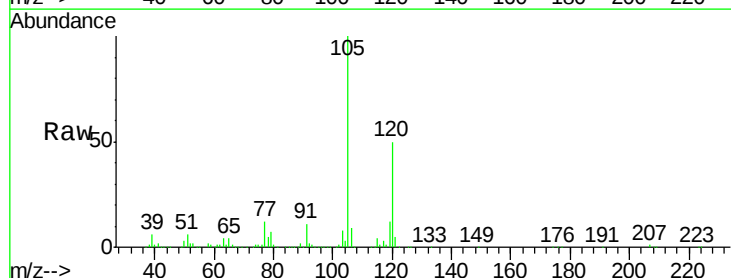
Acq: 22 Apr 2020 12:21

Tgt Ion:105 Resp: 204590

Ion Ratio Lower Upper

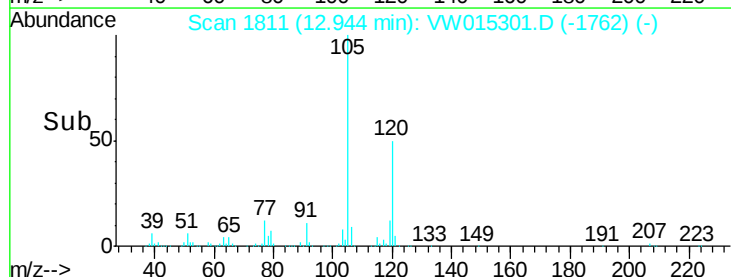
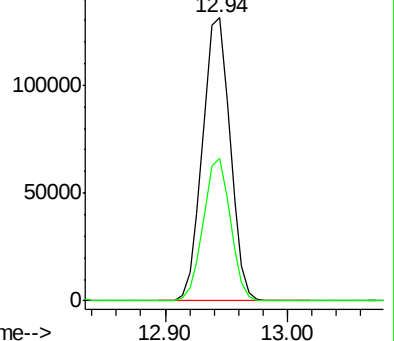
105 100

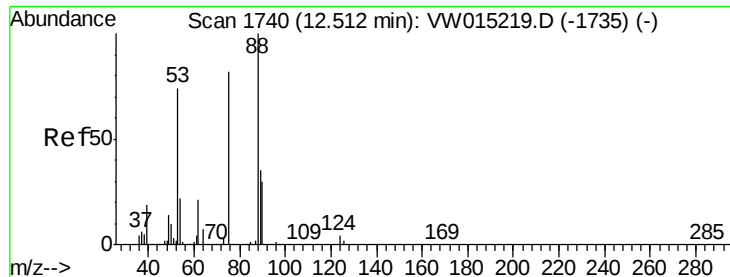
120 49.3 24.9 74.8



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: 17.914 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Instrument :

MSVOA_W

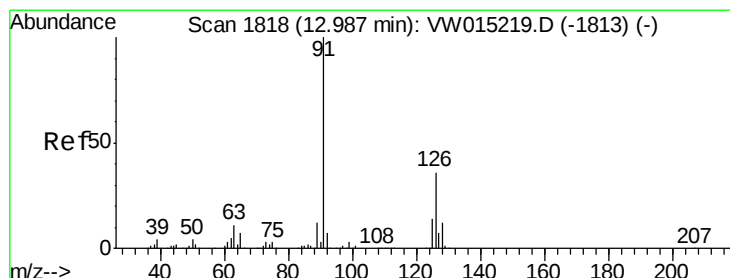
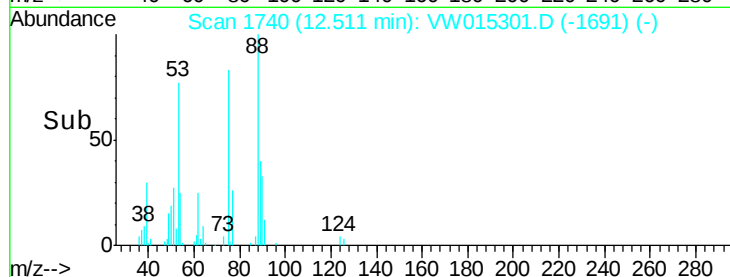
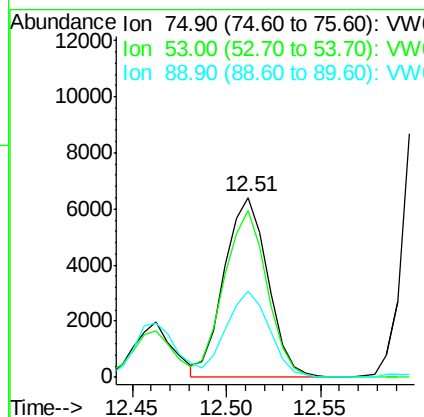
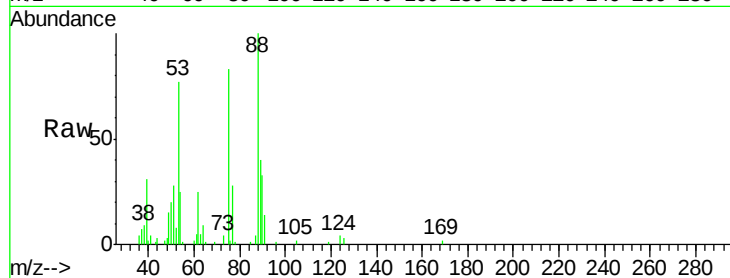
ClientSampleId :

VW0422SBS01

Tot Ion:	75	Resp:	10299
Ion	Ratio	Lower	Upper
75	100		
53	91.6	69.4	104.2
89	47.0	34.8	52.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.946 ug/l

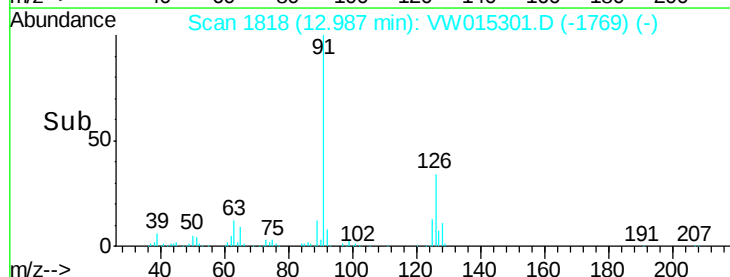
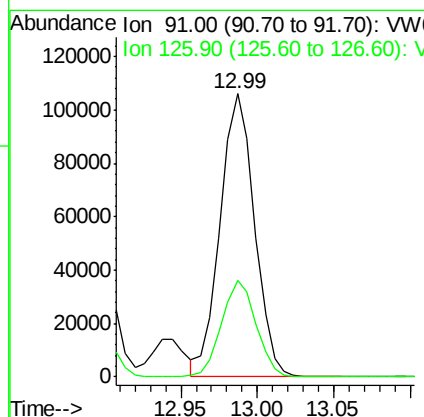
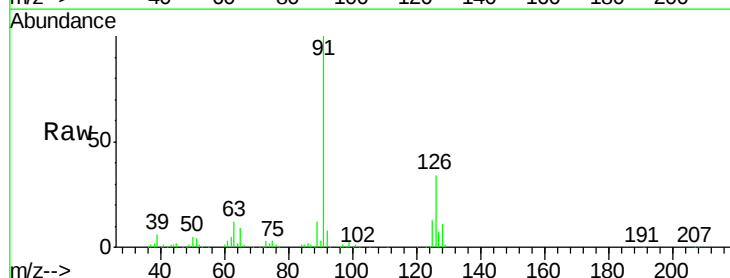
RT: 12.99 min Scan# 1818

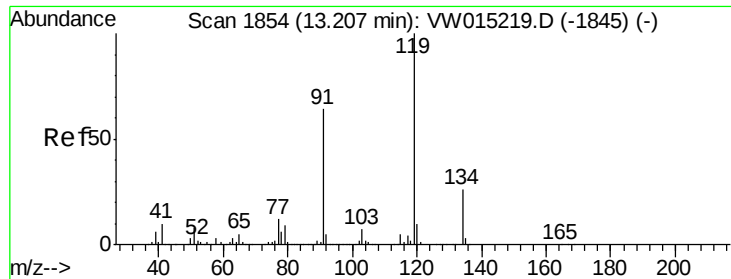
Delta R.T. -0.00 min

Lab File: VW015301.D

Acq: 22 Apr 2020 12:21

Tgt Ion:	91	Resp:	164366
Ion	Ratio	Lower	Upper
91	100		
126	34.6	16.8	50.3





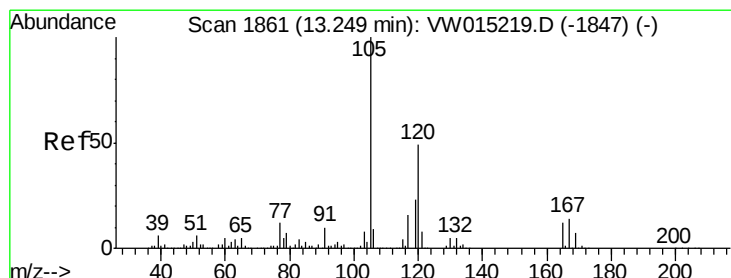
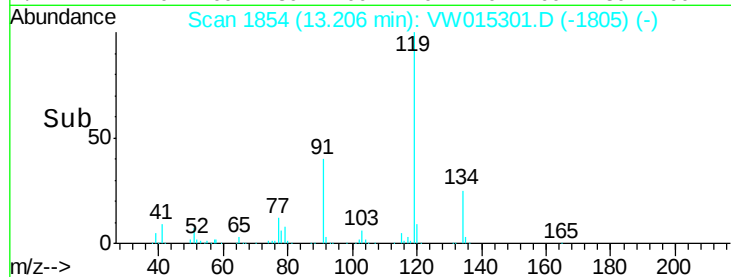
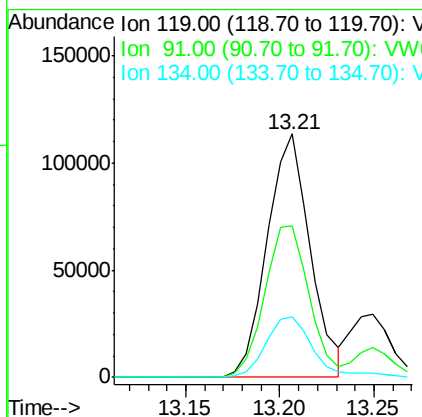
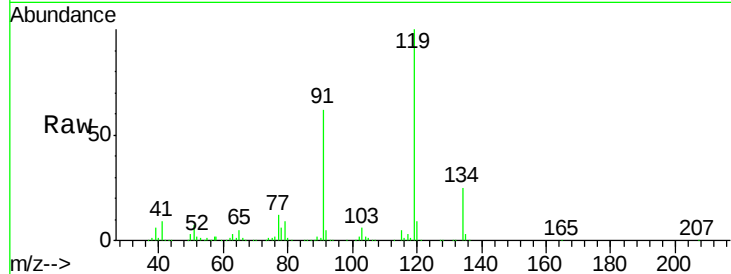
#83
 tert-Butylbenzene
 Concen: 21.284 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180501		
91	64.0		32.8	98.3
134	27.4		13.3	39.9

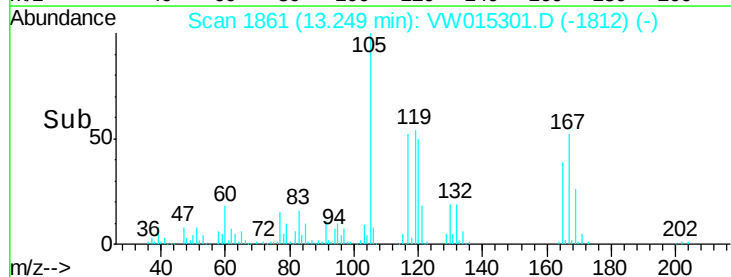
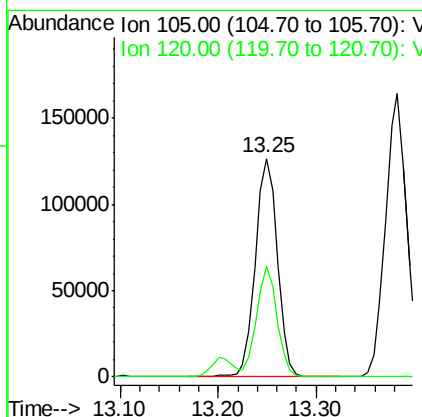
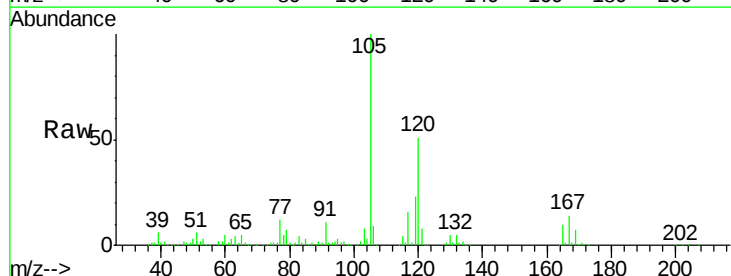
Manual Integrations
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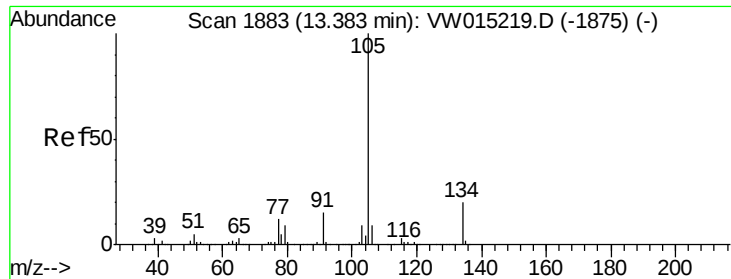
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.759 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198671		
120	46.6		23.0	69.0





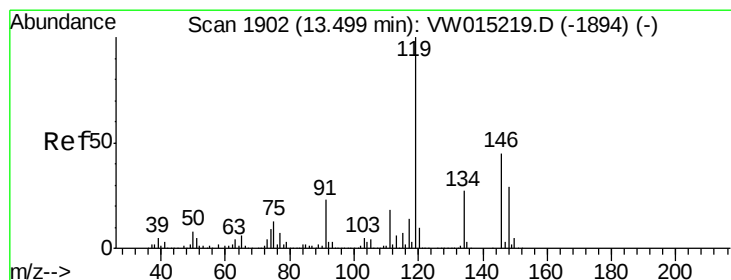
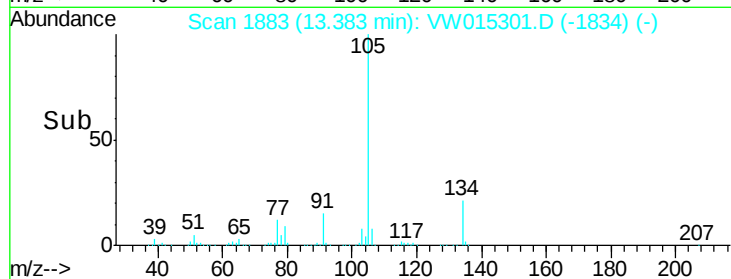
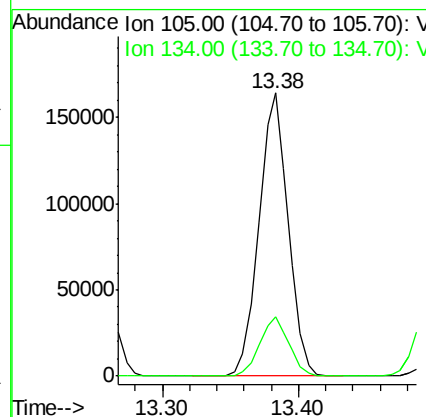
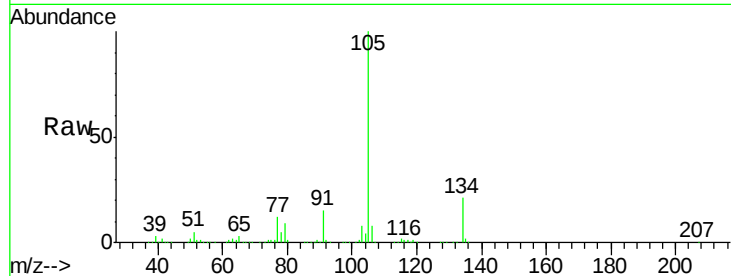
#85
 sec-Butylbenzene
 Concen: 21.057 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.1	30.1

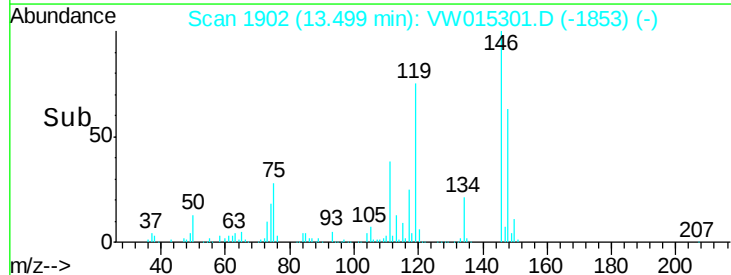
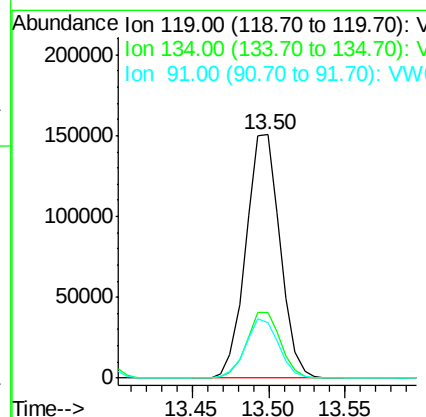
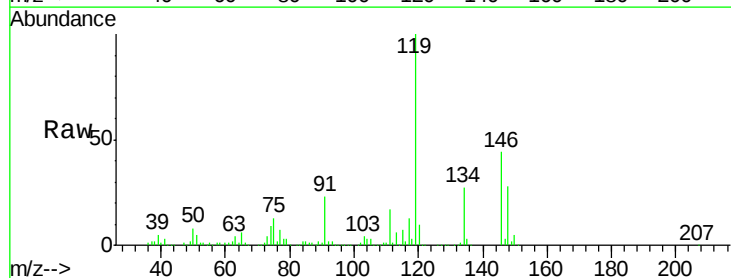
Manual Integrations
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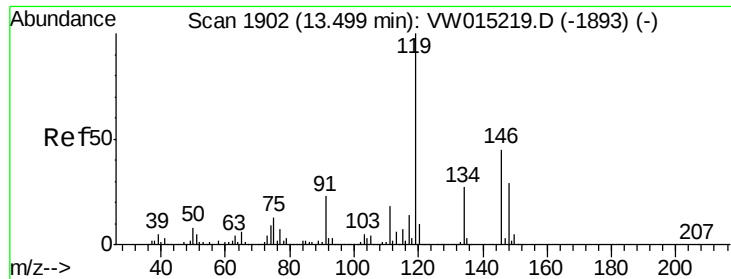
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#86
 p-Isopropyltoluene
 Concen: 21.420 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.9
91	23.5	12.0	36.1





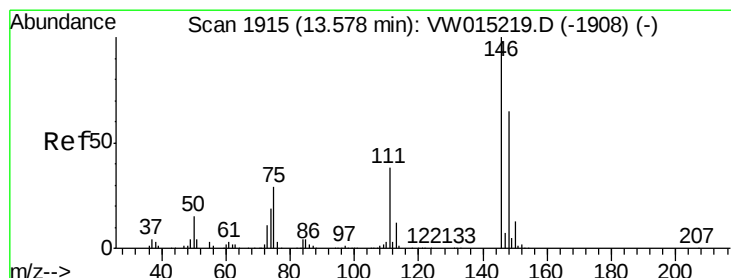
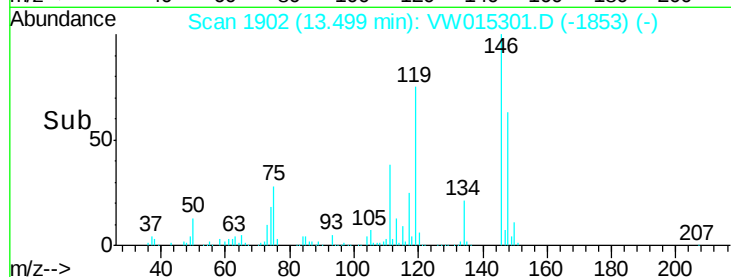
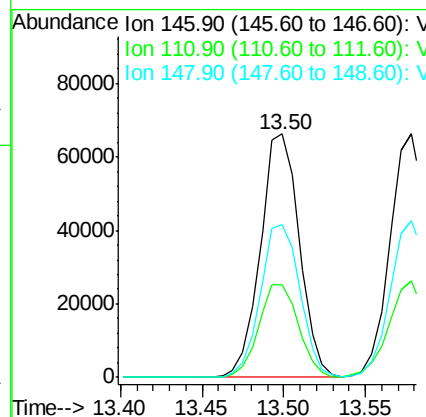
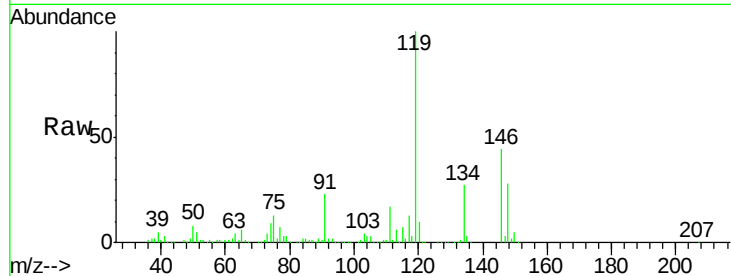
#87
 1,3-Dichlorobenzene
 Concen: 21.254 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109283		
111	39.1		21.1	63.4
148	64.0		31.8	95.3

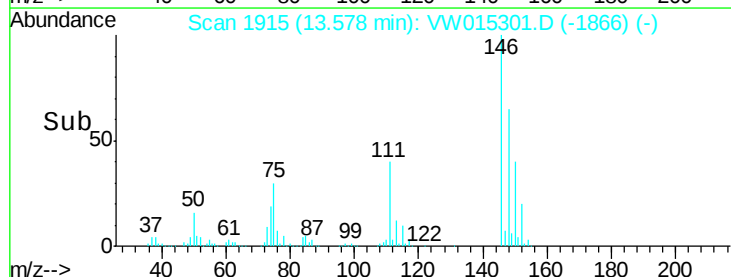
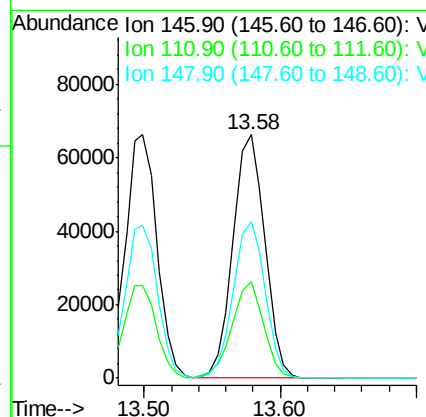
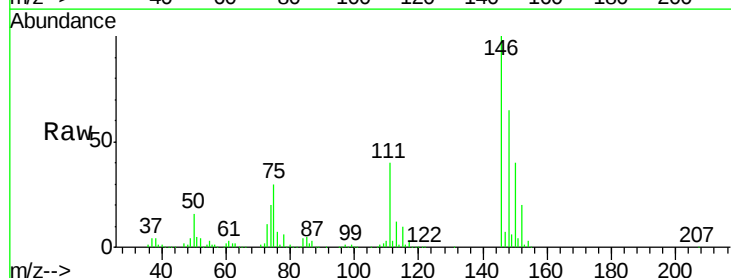
Manual Integrations
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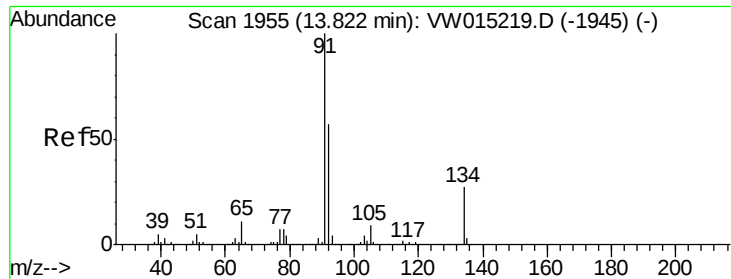
MMDadoda
 4/23/2020 1:32:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.482 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	108275		
111	39.4		20.4	61.3
148	64.1		31.5	94.5





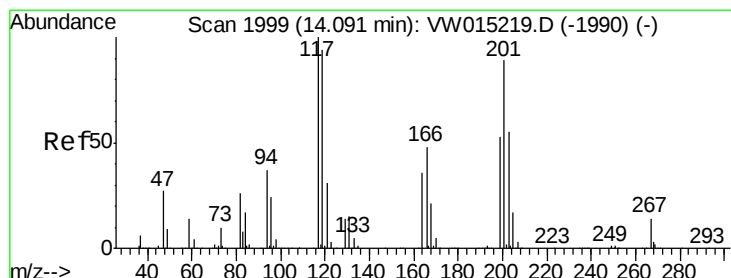
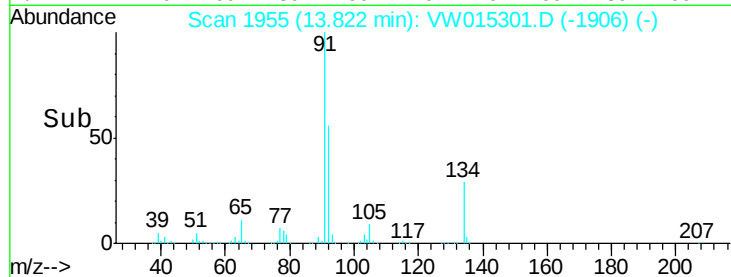
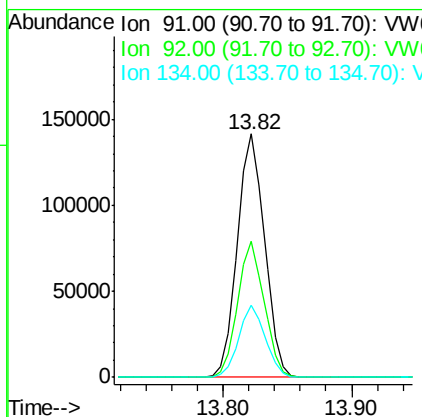
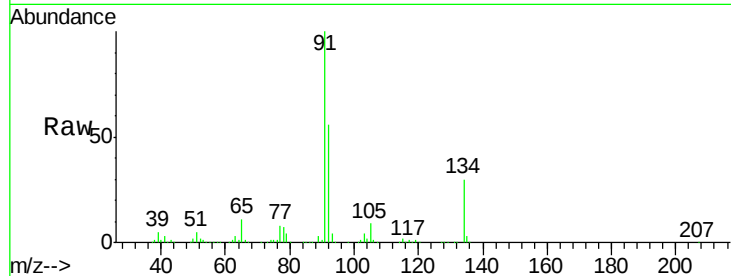
#89
n-Butylbenzene
Concen: 20.921 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	208101		
92	54.4	27.6	82.7	
134	28.8	12.8	38.3	

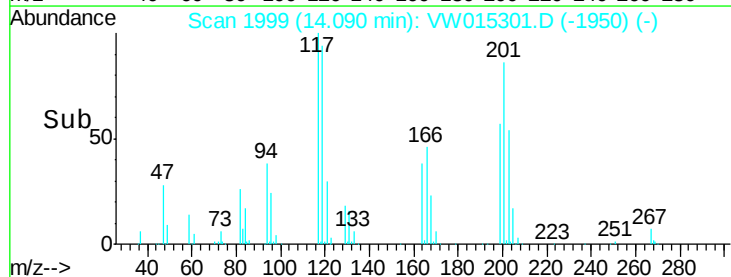
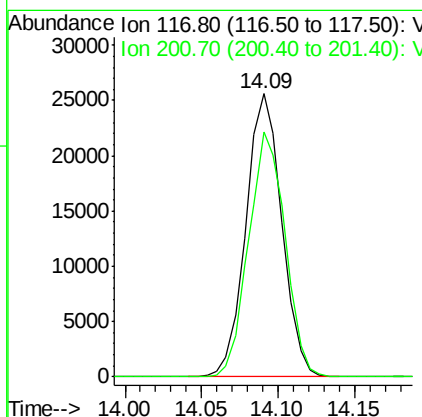
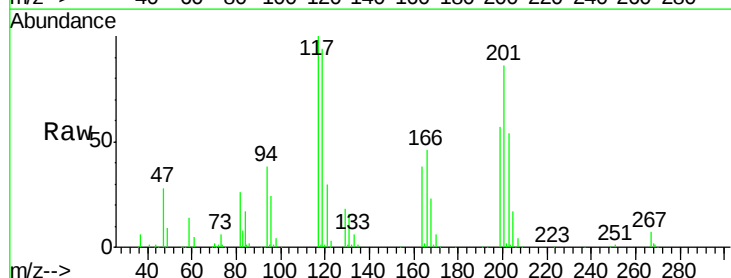
Manual Integrations
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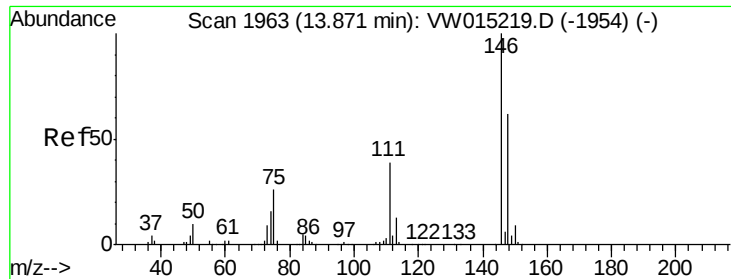
MMDadoda
4/23/2020 1:32:52 PM



#90
Hexachloroethane
Concen: 20.876 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41664		
201	88.2	33.6	100.6	





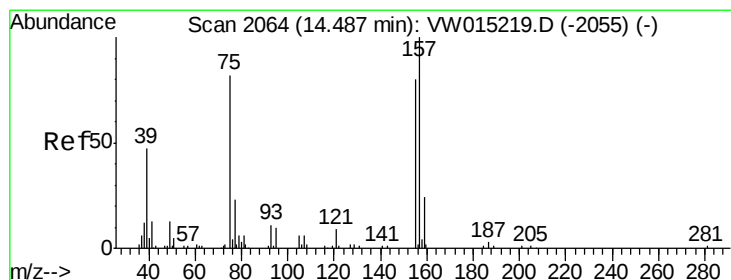
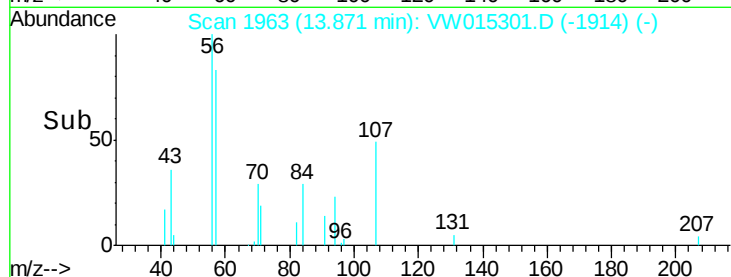
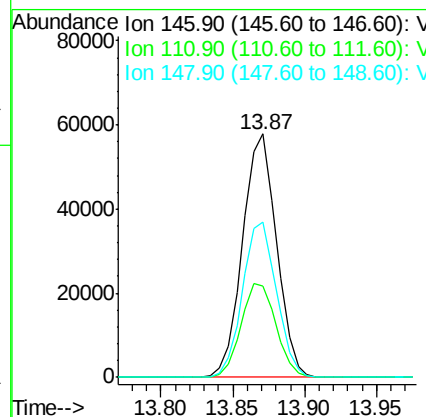
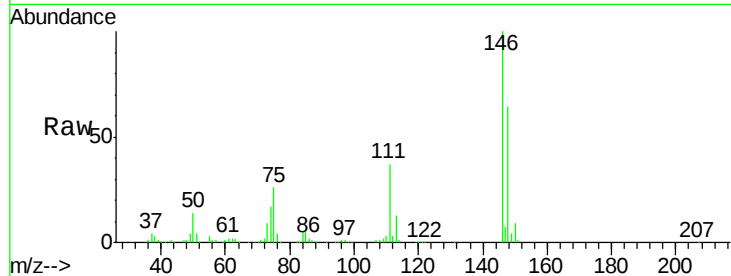
#91
 1,2-Dichlorobenzene
 Concen: 21.215 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.6	65.0
148	63.8	31.0	93.0

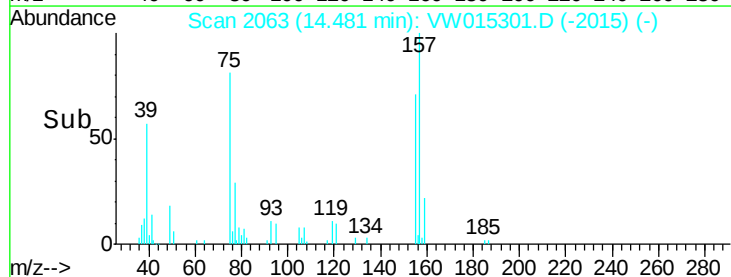
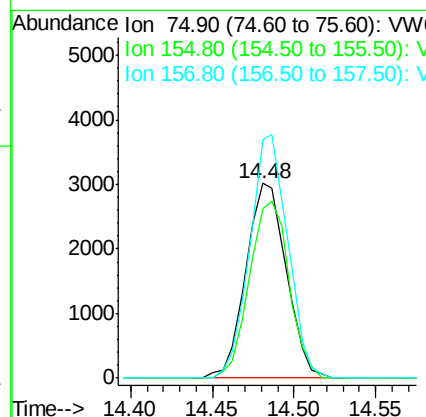
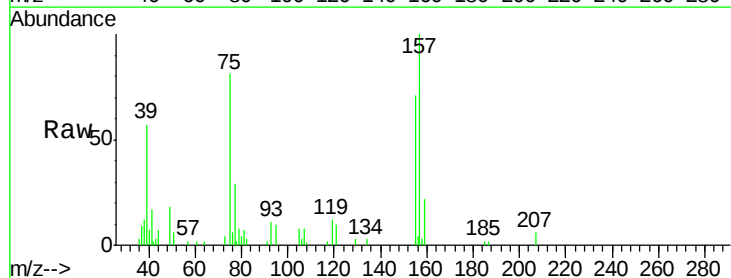
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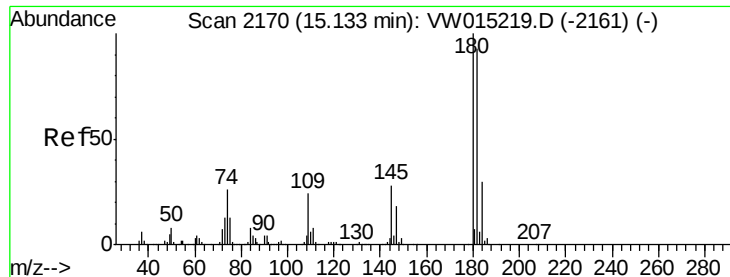
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.905 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	41.6	124.9
157	118.3	53.8	161.2





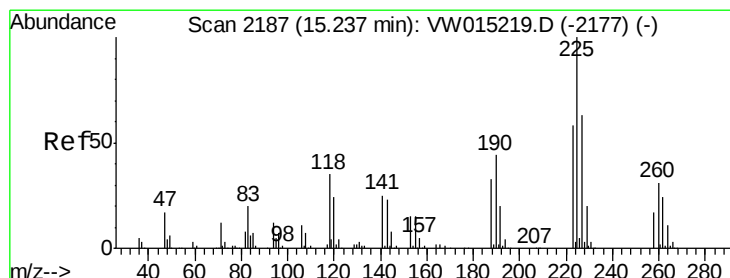
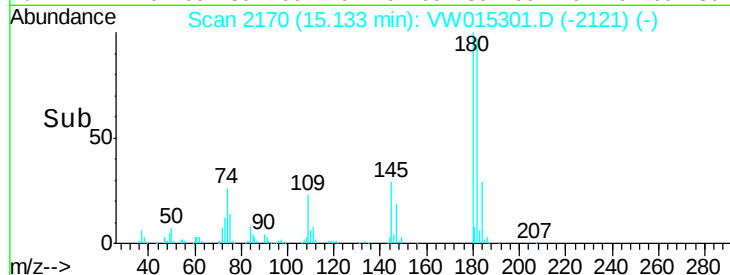
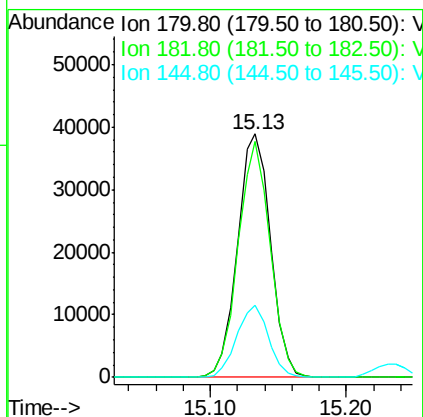
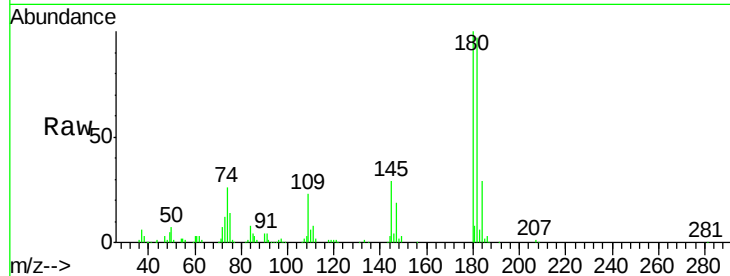
#93
 1,2,4-Trichlorobenzene
 Concen: 21.159 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	65713		
182	94.1		47.1	141.4
145	28.7		16.2	48.6

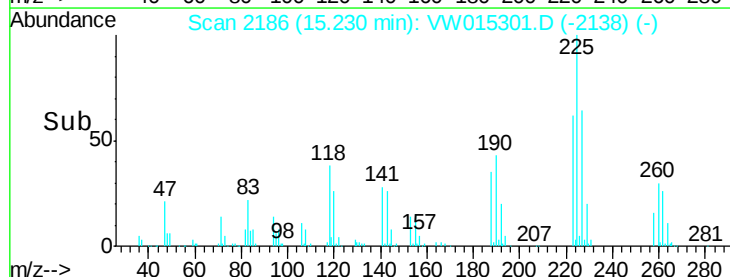
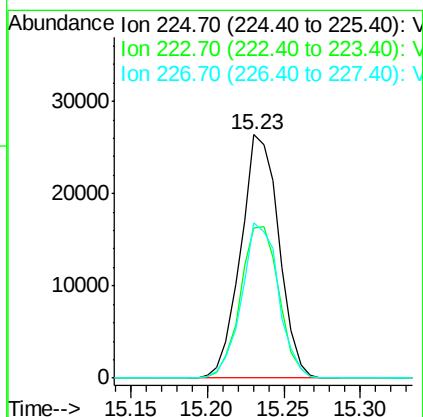
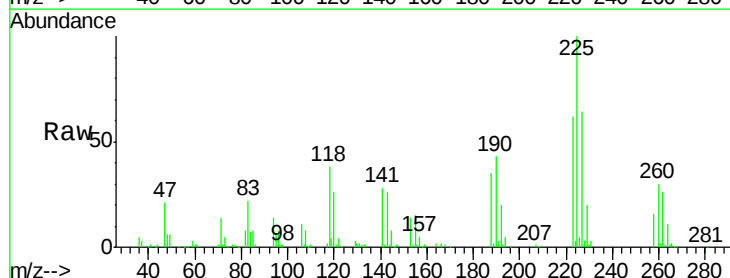
Manual Integrations
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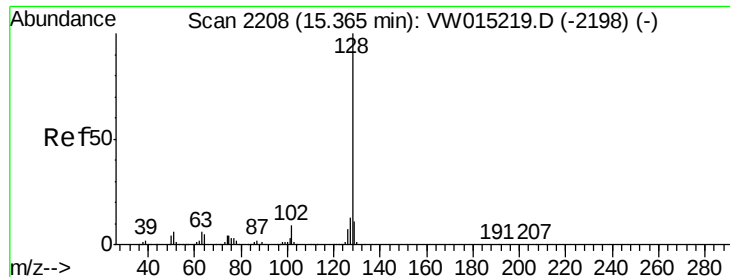
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#94
 Hexachlorobutadiene
 Concen: 22.050 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015301.D
 Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45657		
223	63.0		31.0	93.0
227	61.5		30.8	92.3





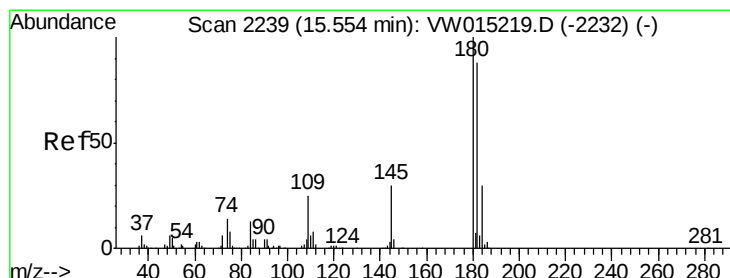
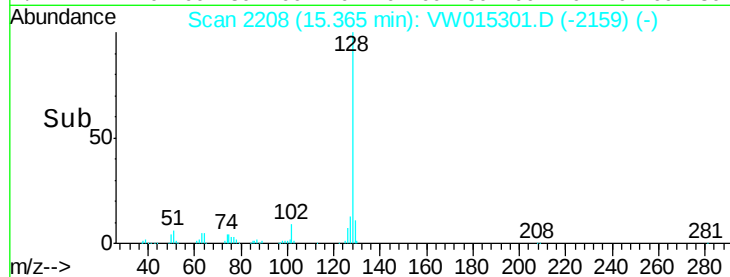
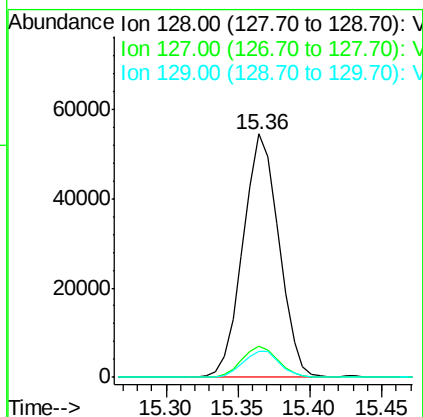
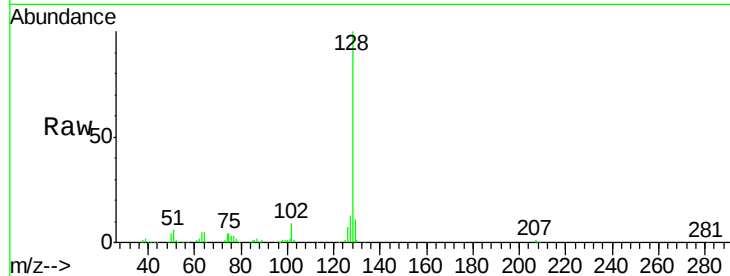
#95
Naphthalene
Concen: 18.883 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.016 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015301.D
Acq: 22 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.8	146.3
145	30.4	17.2	51.6

