

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015101.D
 Acq On : 09 Mar 2020 16:57
 Operator : SY/VA
 Sample : VW0309SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Manual Integrations
 APPROVED

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 3/11/2020 3:24:09 PM

Quant Time: Mar 10 18:26:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	481723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	897653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	803354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	362862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	353647	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.88	113	266323	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.32	98	1147208	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	382306	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	58738	20.109	ug/l	97
3) Chloromethane	2.22	50	128429	20.489	ug/l	99
4) Vinyl Chloride	2.37	62	168268	20.505	ug/l	96
5) Bromomethane	2.78	94	93829	20.003	ug/l	100
6) Chloroethane	2.93	64	96256	20.251	ug/l	98
7) Trichlorofluoromethane	3.26	101	87657	21.345	ug/l	95
8) Diethyl Ether	3.68	74	63012	20.137	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	127198	20.319	ug/l	99
10) Methyl Iodide	4.27	142	143498	20.604	ug/l	100
11) Tert butyl alcohol	5.16	59	45854	112.643	ug/l	100
12) 1,1-Dichloroethene	4.04	96	123869	20.238	ug/l	98
13) Acrolein	3.90	56	59448	99.854	ug/l	95
14) Allyl chloride	4.67	41	254334	20.735	ug/l	99
15) Acrylonitrile	5.37	53	156294	97.442	ug/l	99
16) Acetone	4.12	43	145314	89.956	ug/l	94
17) Carbon Disulfide	4.39	76	434782	20.035	ug/l	97
18) Methyl Acetate	4.67	43	75030	19.594	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	168234	21.471	ug/l	93
20) Methylene Chloride	4.92	84	152906	20.920	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	134129	20.640	ug/l	98
22) Diisopropyl ether	6.31	45	514694	21.869	ug/l	98
23) Vinyl Acetate	6.25	43	1424372	102.523	ug/l	99
24) 1,1-Dichloroethane	6.21	63	285329	20.790	ug/l	99
25) 2-Butanone	7.17	43	211274	95.404	ug/l	98
26) 2,2-Dichloropropane	7.17	77	168370	21.450	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	141035	20.846	ug/l	97
28) Bromochloromethane	7.51	49	130151	19.791	ug/l	98
29) Tetrahydrofuran	7.52	42	135178	97.589	ug/l	99
30) Chloroform	7.67	83	251309	20.634	ug/l	97
31) Cyclohexane	7.95	56	290146	20.555	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	196813	20.696	ug/l	99
36) 1,1-Dichloropropene	8.08	75	213026	20.464	ug/l	99
37) Ethyl Acetate	7.25	43	100972	19.462	ug/l	99
38) Carbon Tetrachloride	8.07	117	171021	20.181	ug/l	96

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	243762	20.479	ug/l	98
40) Benzene	8.32	78	602380	20.822	ug/l	99
41) Methacrylonitrile	7.48	41	55137	20.094	ug/l	95
42) 1,2-Dichloroethane	8.40	62	178448	20.247	ug/l	99
43) Isopropyl Acetate	8.42	43	183537	19.732	ug/l	99
44) Trichloroethene	9.09	130	124578	20.230	ug/l	97
45) 1,2-Dichloropropane	9.37	63	160318	20.578	ug/l	99
46) Dibromomethane	9.46	93	67186	19.833	ug/l	97
47) Bromodichloromethane	9.64	83	182414	20.169	ug/l	98
48) Methyl methacrylate	9.43	41	92625	20.974	ug/l	91
49) 1,4-Dioxane	9.45	88	19493	375.835	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	472257	91.923	ug/l	100
52) Toluene	10.38	92	346001	20.820	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	176193	19.802	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	219566	20.257	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	91201	19.648	ug/l	98
56) Ethyl methacrylate	10.65	69	116713	18.767	ug/l	98
57) 1,3-Dichloropropane	10.93	76	177083	20.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	341208	97.091	ug/l	100
59) 2-Hexanone	10.96	43	308393	90.241	ug/l	98
60) Dibromochloromethane	11.13	129	94874	19.789	ug/l	99
61) 1,2-Dibromoethane	11.23	107	81414	19.784	ug/l	98
64) Tetrachloroethene	10.86	164	92903	20.039	ug/l	96
65) Chlorobenzene	11.65	112	328083	20.347	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108245	20.159	ug/l	99
67) Ethyl Benzene	11.73	91	653917	20.840	ug/l	99
68) m/p-Xylenes	11.84	106	469496	42.325	ug/l	99
69) o-Xylene	12.16	106	204384	20.454	ug/l	96
70) Styrene	12.18	104	360647	21.064	ug/l	100
71) Bromoform	12.35	173	45248	18.988	ug/l #	97
73) Isopropylbenzene	12.46	105	580886	20.957	ug/l	100
74) N-amyl acetate	12.27	43	160177	19.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	109362	19.430	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84306m	20.557	ug/l	
77) Bromobenzene	12.74	156	113269	20.675	ug/l	99
78) n-propylbenzene	12.80	91	775694	21.533	ug/l	98
79) 2-Chlorotoluene	12.89	91	431380	21.299	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	507554	21.296	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	33228	18.300	ug/l	93
82) 4-Chlorotoluene	12.99	91	454376	21.066	ug/l	100
83) tert-Butylbenzene	13.21	119	407795	21.121	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	512280	21.497	ug/l	99
85) sec-Butylbenzene	13.38	105	621425	21.267	ug/l	100
86) p-Isopropyltoluene	13.49	119	536461	21.359	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	240412	20.711	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	236946	20.730	ug/l	98
89) n-Butylbenzene	13.82	91	573004	21.154	ug/l	100
90) Hexachloroethane	14.09	117	102269	20.303	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	209775	20.634	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17638	19.515	ug/l	92

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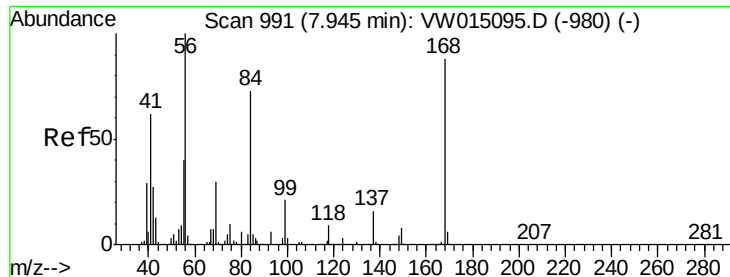
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 09 18:51:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	118981	20.451	ug/l	99
94) Hexachlorobutadiene	15.23	225	74534	20.405	ug/l	98
95) Naphthalene	15.36	128	201589	17.972	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	100923	19.558	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBS01

Tot Ion:168 Resp: 481723

Ion Ratio Lower Upper

168 100

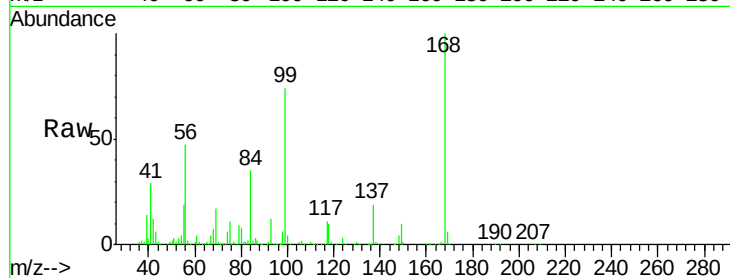
99 73.9 57.2 85.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

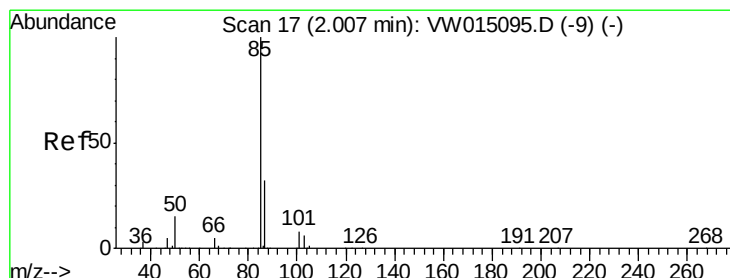
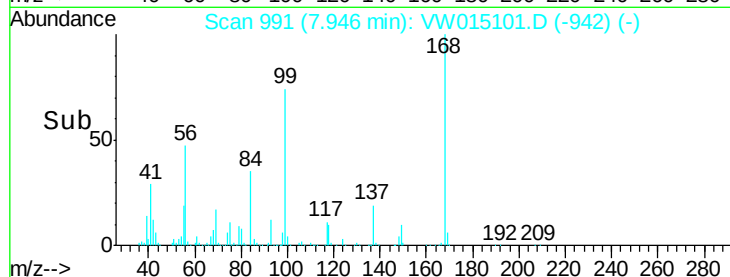
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.109 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW015101.D

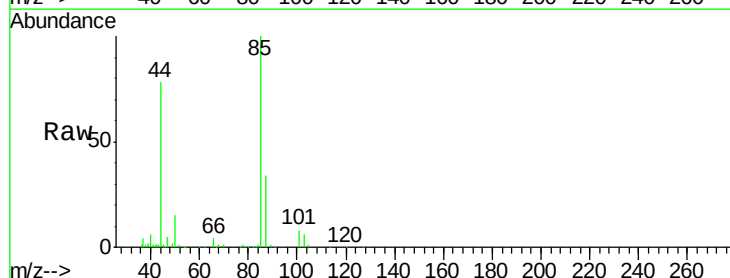
Acq: 09 Mar 2020 16:57

Tgt Ion: 85 Resp: 58738

Ion Ratio Lower Upper

85 100

87 34.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

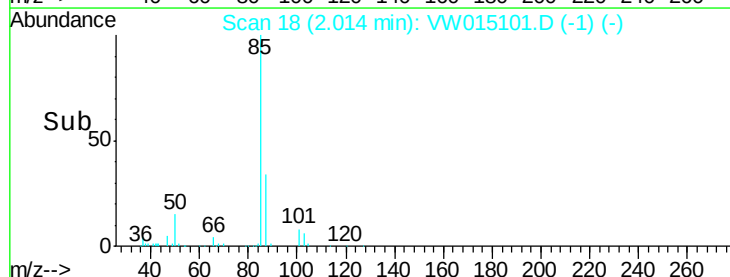
15000

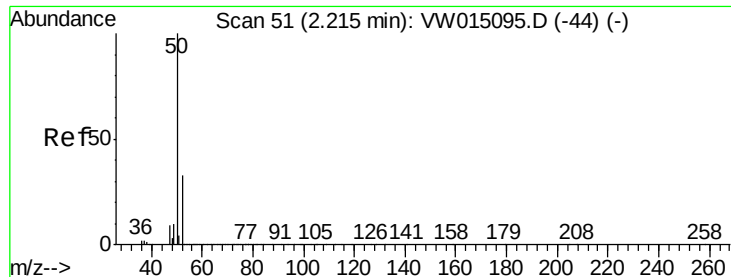
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.489 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBS01

Tot Ion: 50 Resp: 128429

Ion Ratio Lower Upper

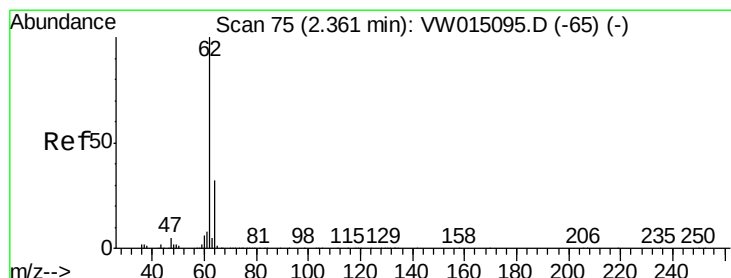
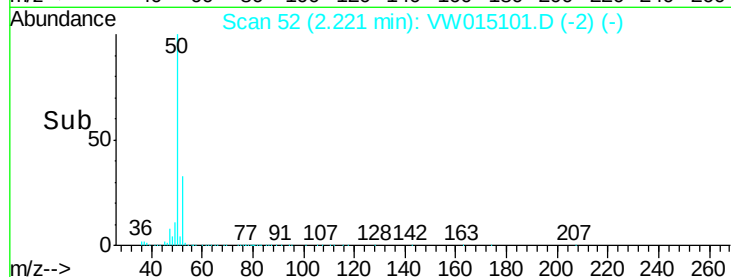
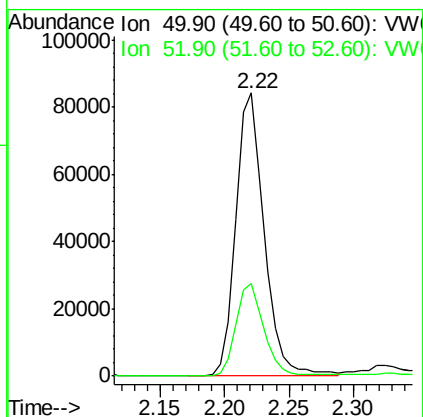
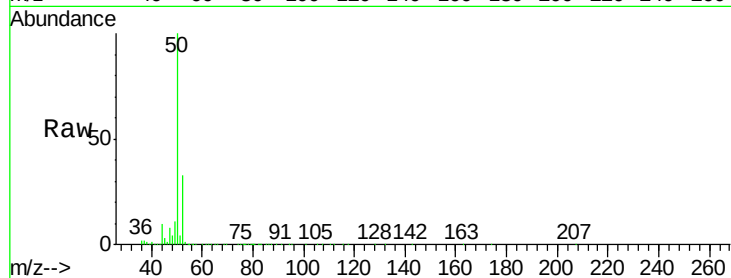
50 100

52 32.7 26.6 40.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.505 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW015101.D

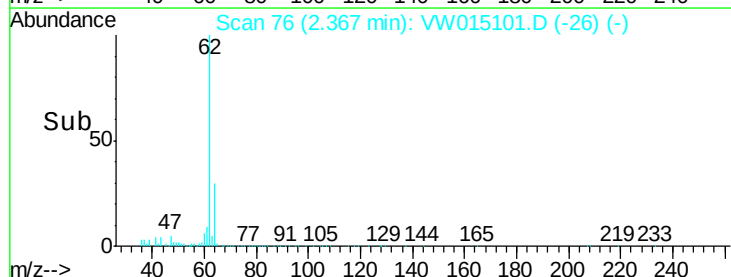
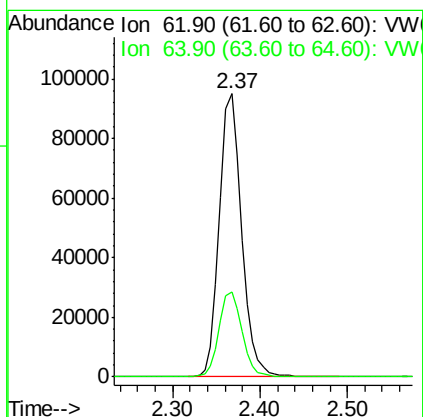
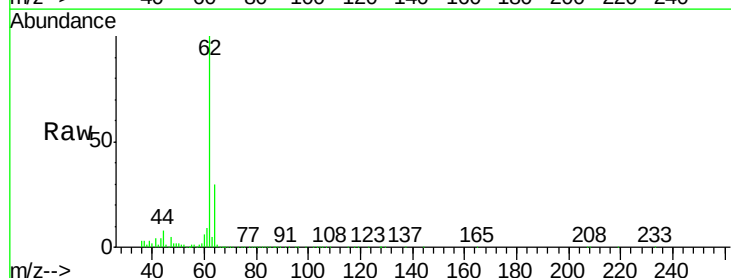
Acq: 09 Mar 2020 16:57

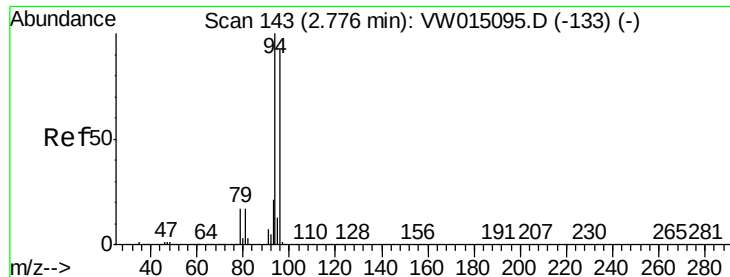
Tgt Ion: 62 Resp: 168268

Ion Ratio Lower Upper

62 100

64 29.7 25.3 37.9





#5

Bromomethane

Concen: 20.003 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBS01

Tot Ion: 94 Resp: 93829

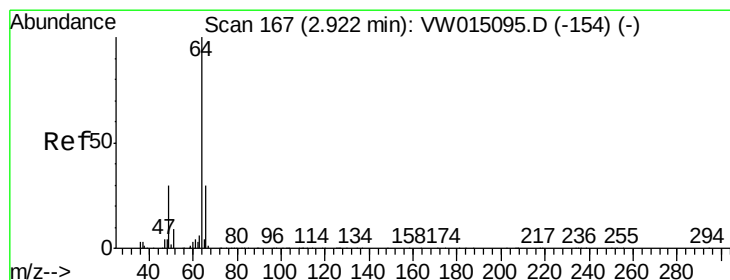
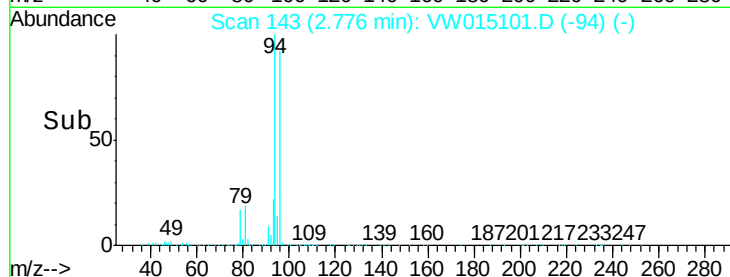
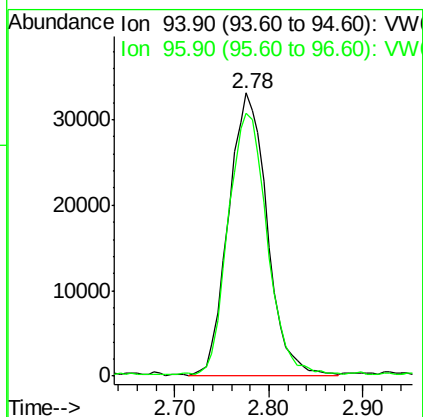
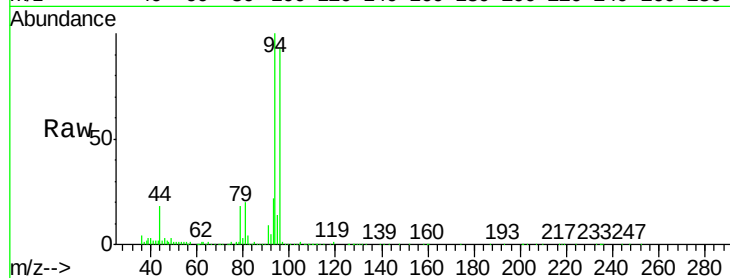
Ion Ratio Lower Upper

94 100

96 92.0 74.0 111.0

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3/11/2020 3:24:09 PM



#6

Chloroethane

Concen: 20.251 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW015101.D

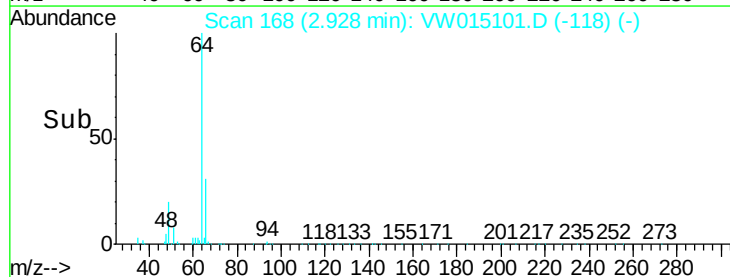
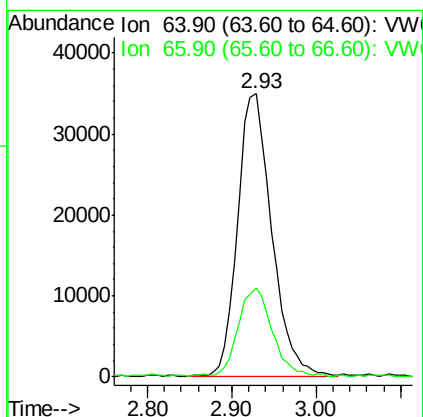
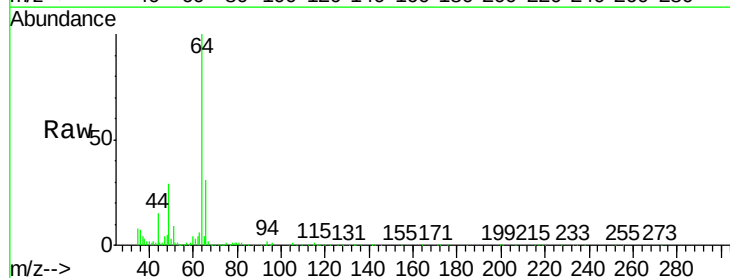
Acq: 09 Mar 2020 16:57

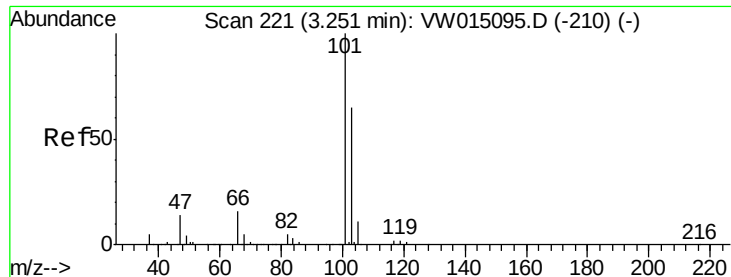
Tgt Ion: 64 Resp: 96256

Ion Ratio Lower Upper

64 100

66 31.1 24.2 36.2





#7

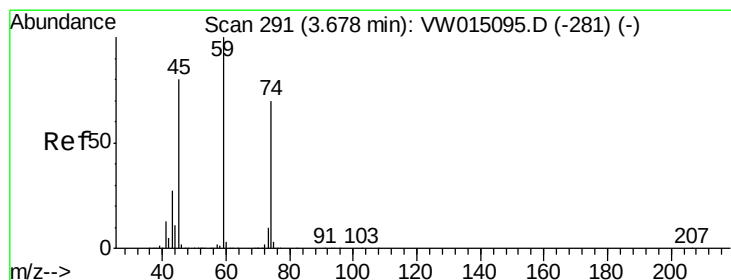
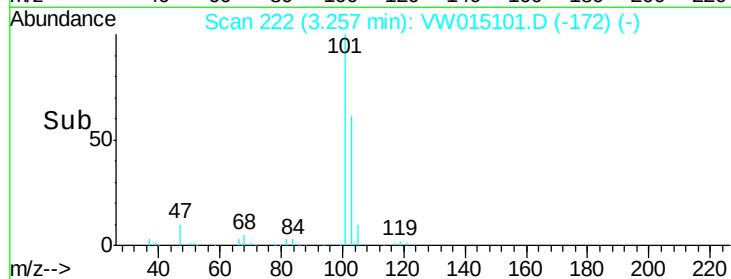
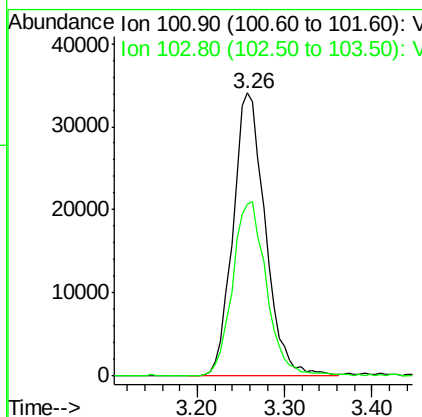
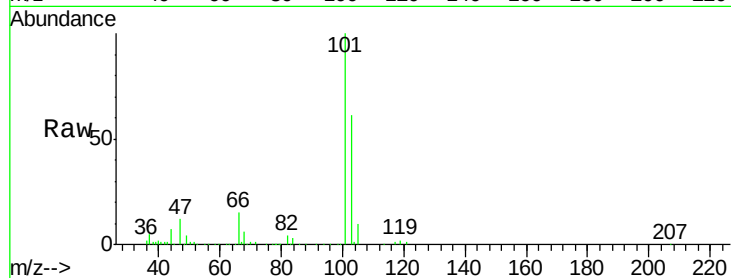
Trichlorofluoromethane
 Concen: 21.345 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
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 VW0309SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	51.8	77.6

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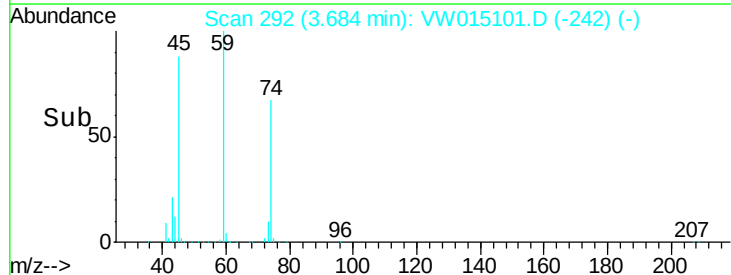
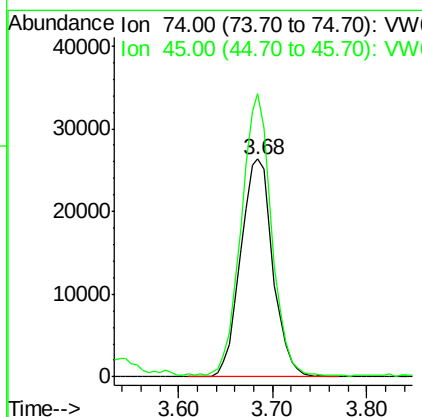
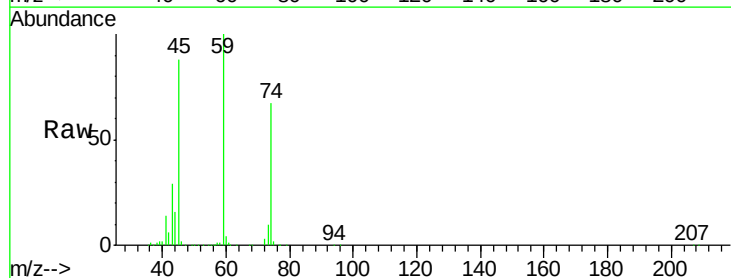
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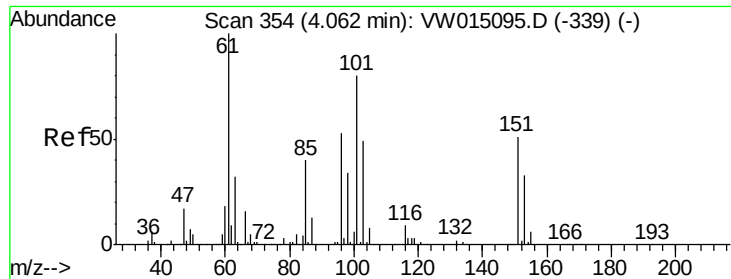


#8

Diethyl Ether
 Concen: 20.137 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	122.0	59.2	177.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.319 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

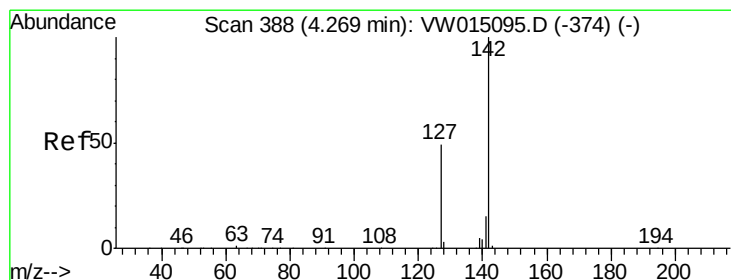
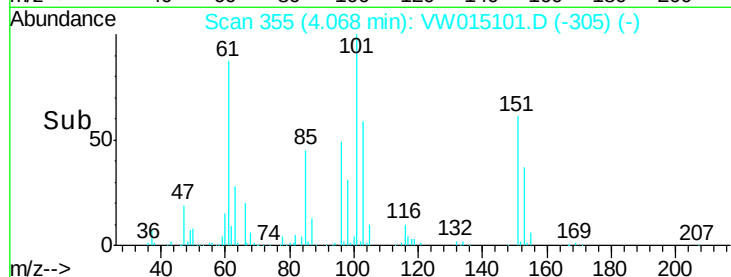
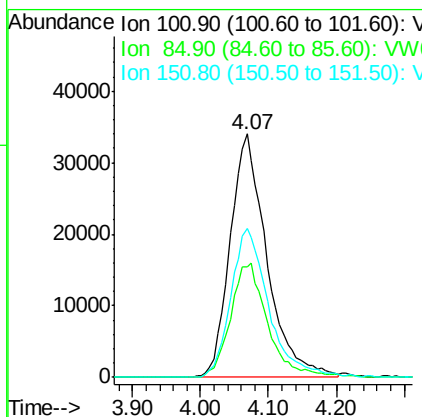
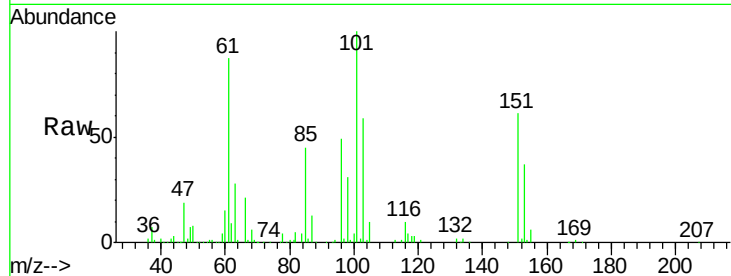
ClientSampleId :

VW0309SBSD01

Tot Ion:	101	Resp:	127198
Ion Ratio	Lower	Upper	
101	100		
85	47.6	39.0	58.4
151	63.0	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 20.604 ug/l

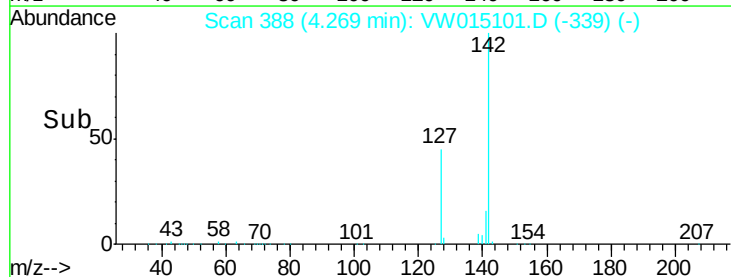
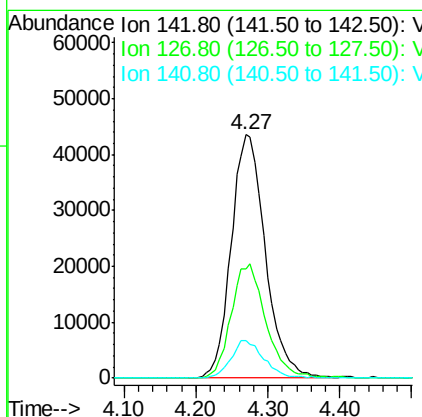
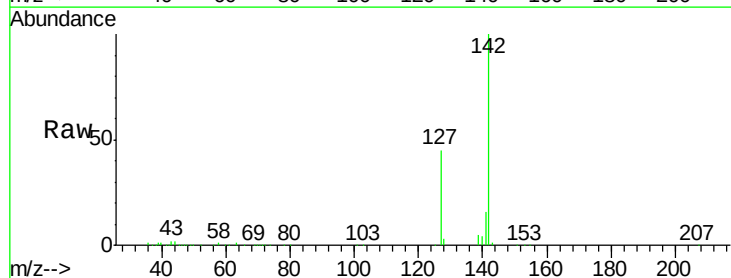
RT: 4.27 min Scan# 388

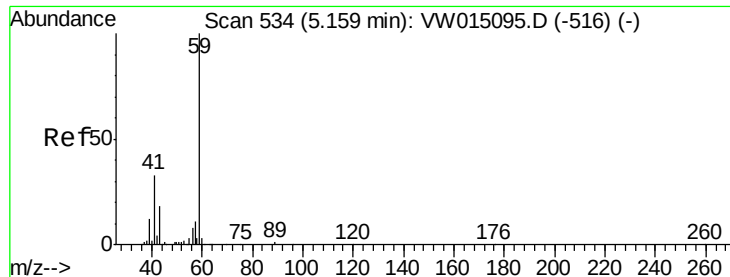
Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	142	Resp:	143498
Ion Ratio	Lower	Upper	
142	100		
127	47.8	38.2	57.4
141	14.9	12.0	18.0





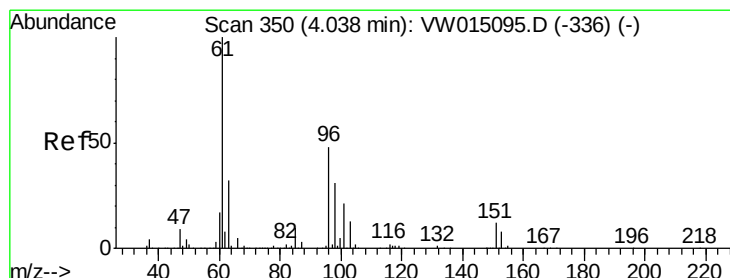
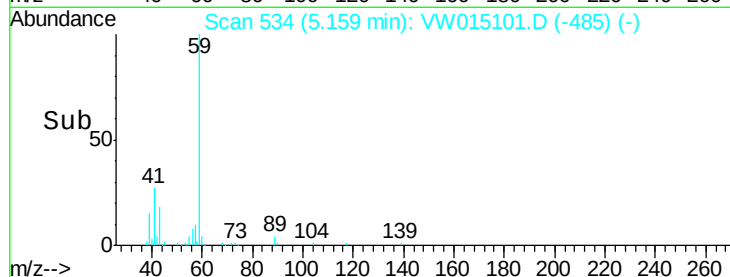
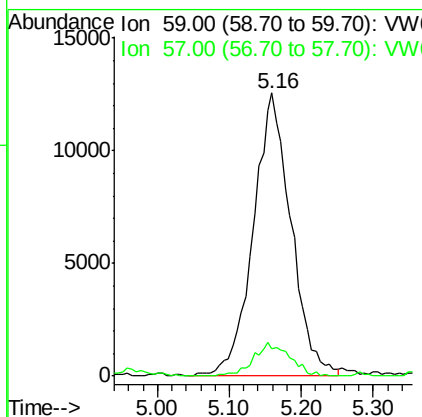
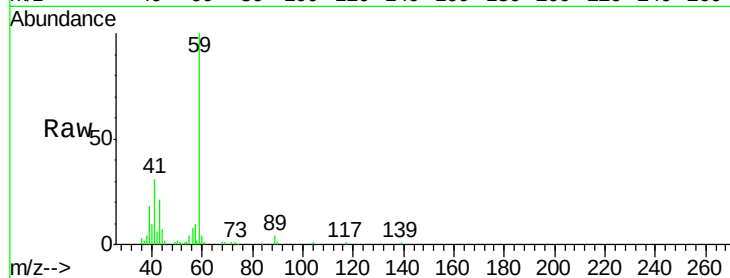
#11
Tert butyl alcohol
Concen: 112.643 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.1	13.7

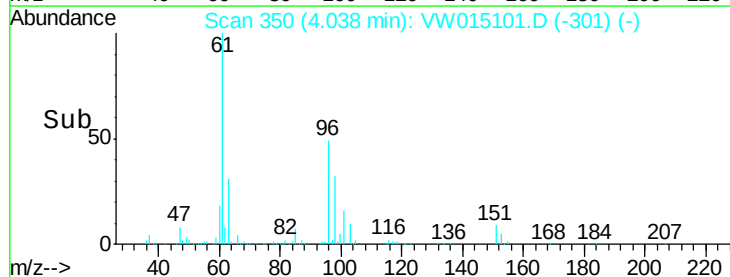
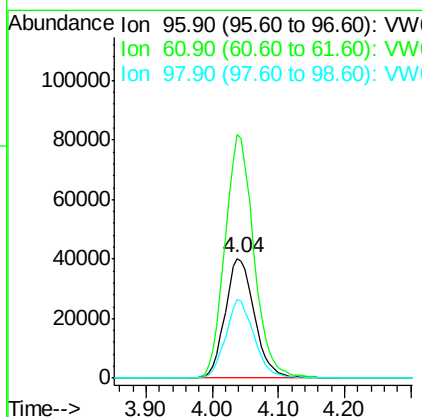
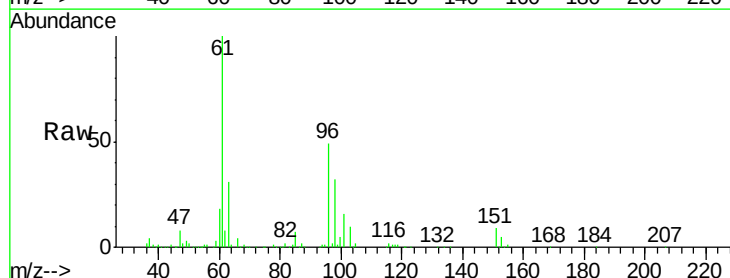
Manual Integrations
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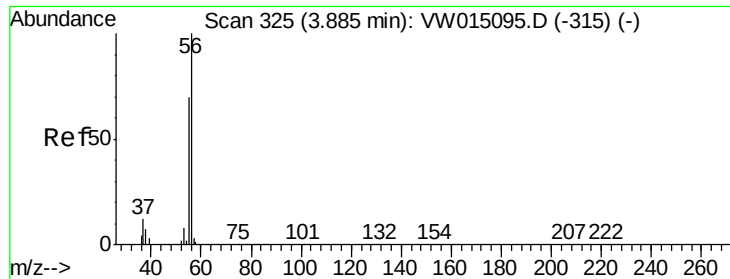
MMDadoda
3/11/2020 3:24:09 PM



#12
1,1-Dichloroethene
Concen: 20.238 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	203.4	165.5	248.3
98	66.0	51.1	76.7





#13

Acrolein

Concen: 99.854 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBS01

Tot Ion: 56 Resp: 59448

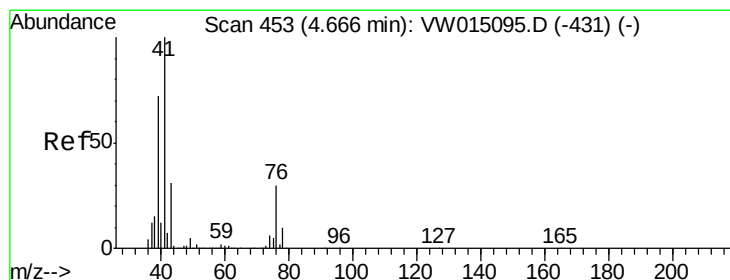
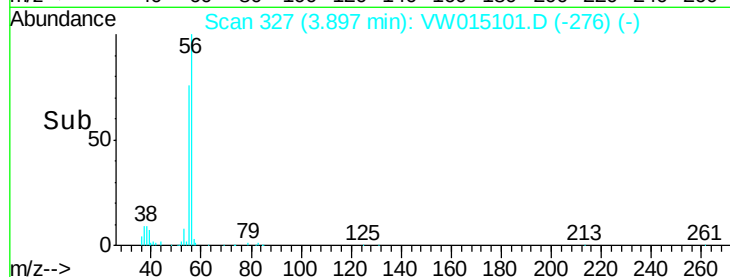
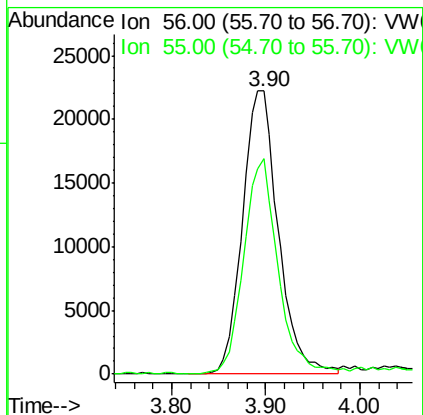
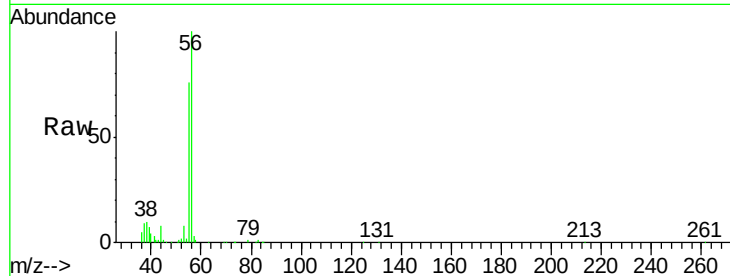
Ion Ratio Lower Upper

56 100

55 73.1 55.4 83.2

Manual Integrations
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#14

Allyl chloride

Concen: 20.735 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

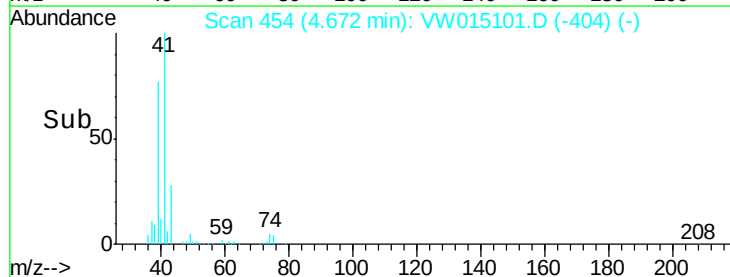
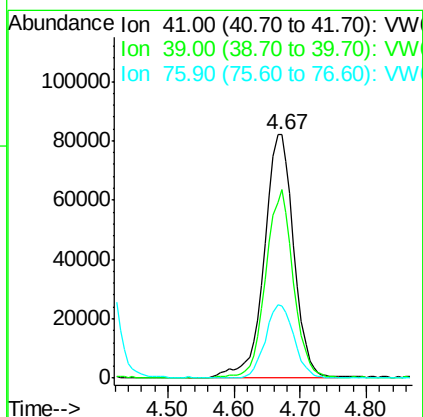
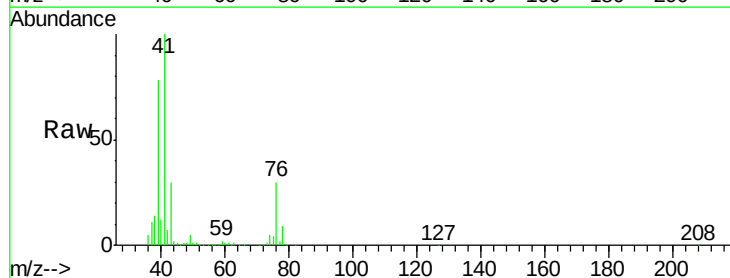
Tgt Ion: 41 Resp: 254334

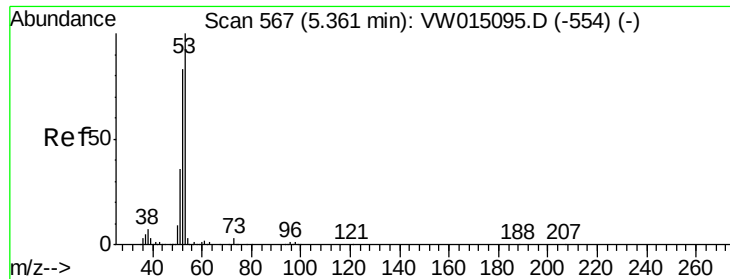
Ion Ratio Lower Upper

41 100

39 72.6 56.9 85.3

76 29.0 23.2 34.8





#15

Acrylonitrile

Concen: 97.442 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

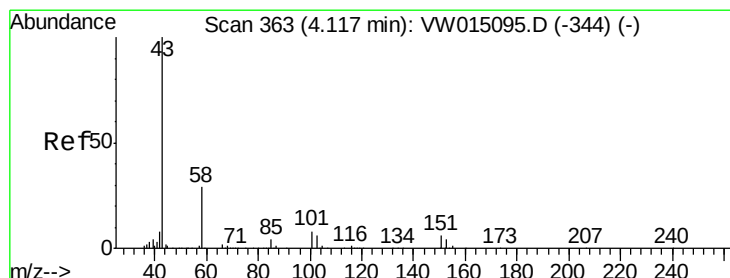
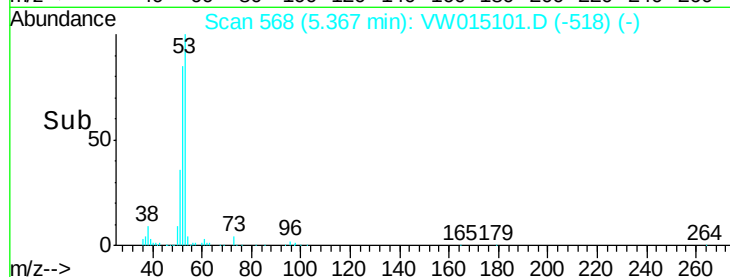
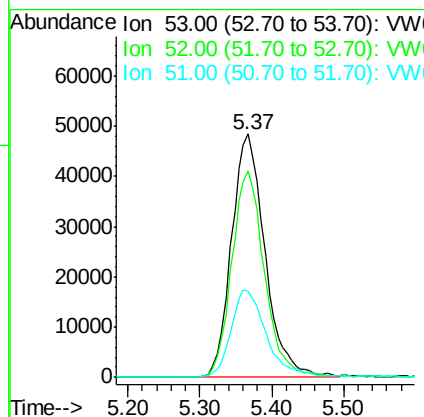
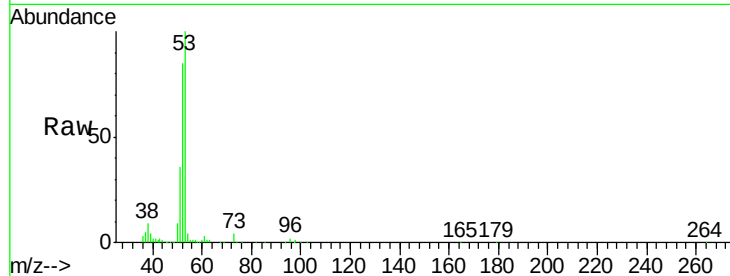
ClientSampleId :

VW0309SBS01

Tot Ion:	53	Resp:	156294
Ion Ratio		Lower	Upper
53	100		
52	83.1	67.2	100.8
51	38.0	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 89.956 ug/l

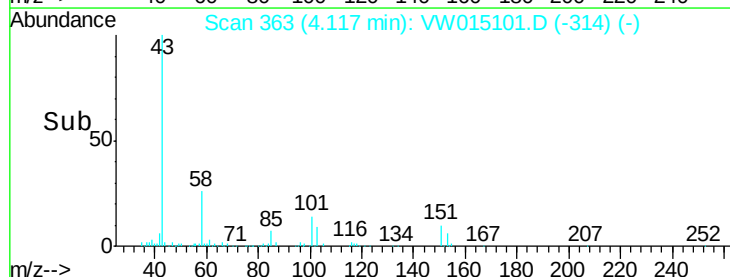
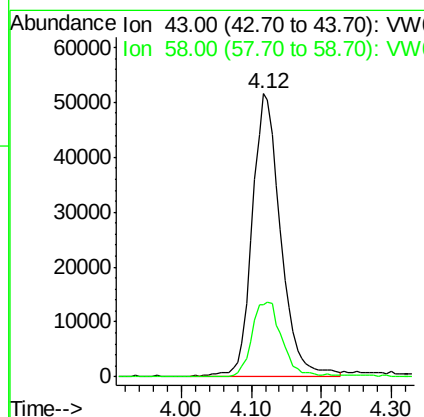
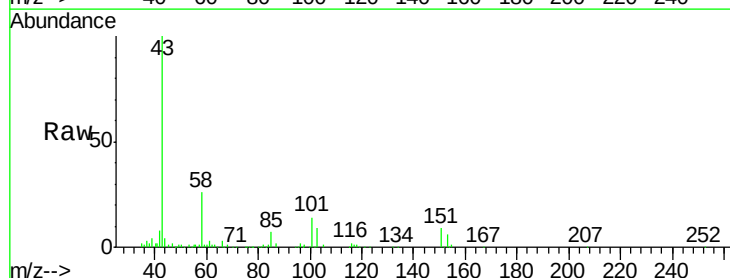
RT: 4.12 min Scan# 363

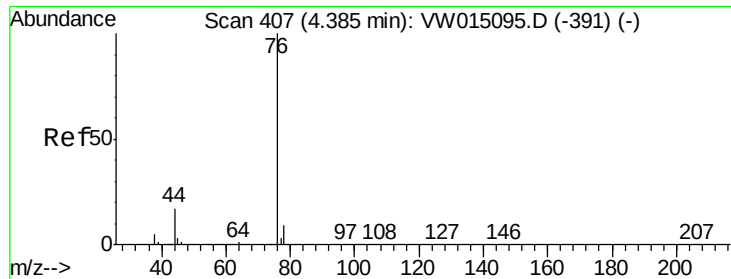
Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	43	Resp:	145314
Ion Ratio		Lower	Upper
43	100		
58	25.5	22.9	34.3





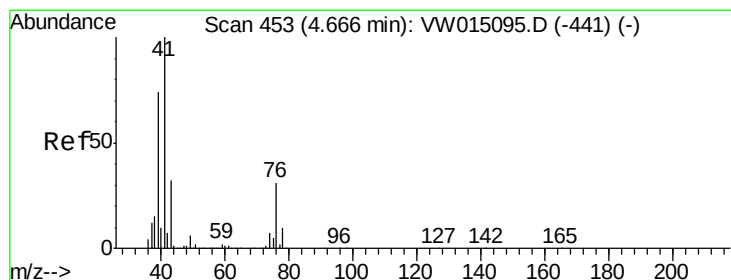
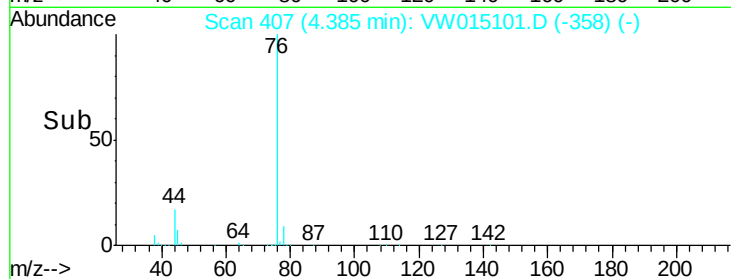
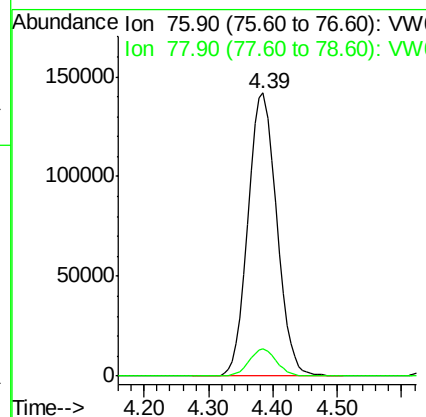
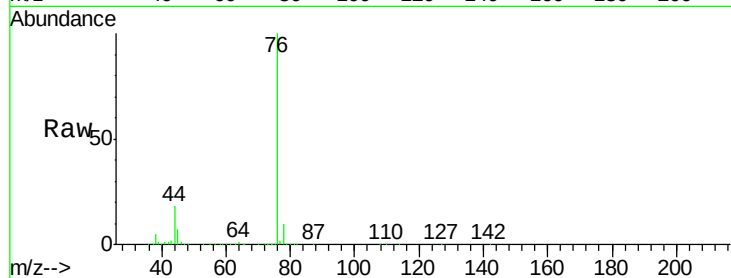
#17
Carbon Disulfide
Concen: 20.035 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

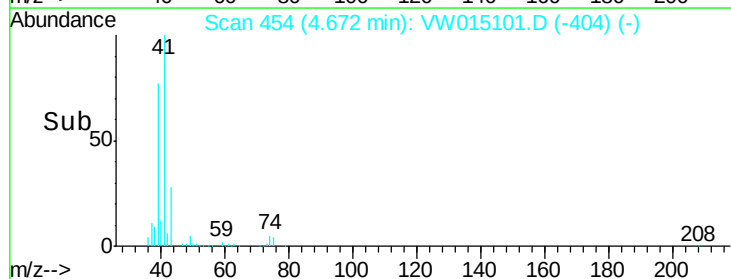
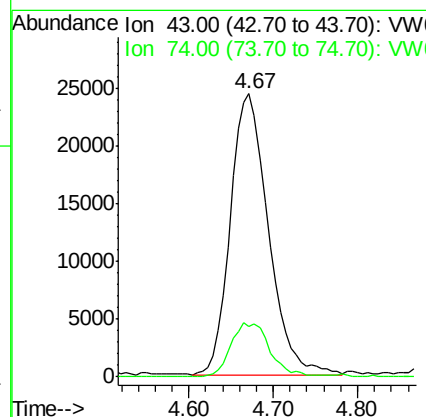
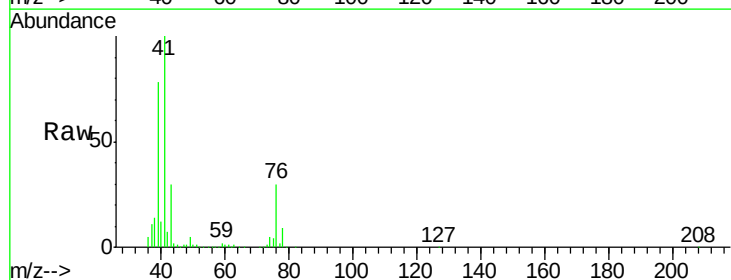
Manual Integrations
APPROVED

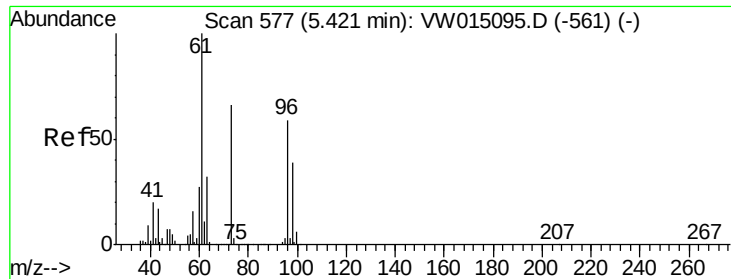
MMDadoda
3/11/2020 3:24:09 PM



#18
Methyl Acetate
Concen: 19.594 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.6	15.8	23.6





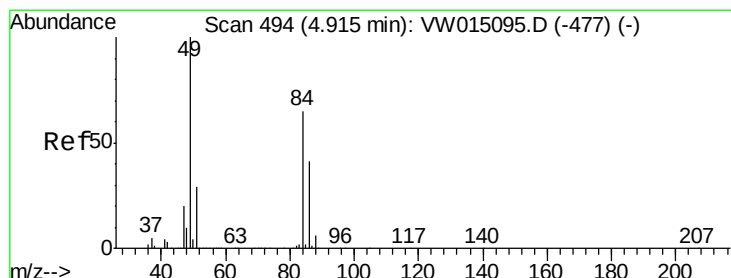
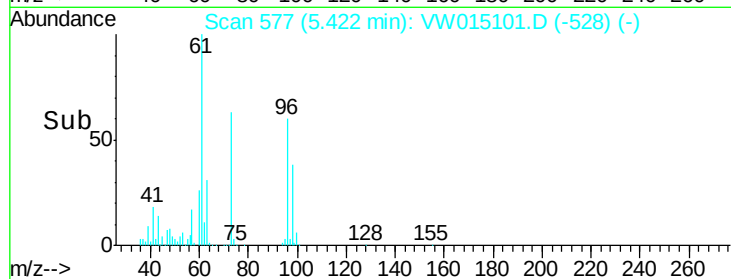
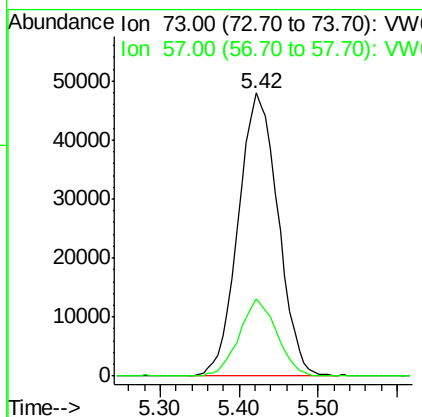
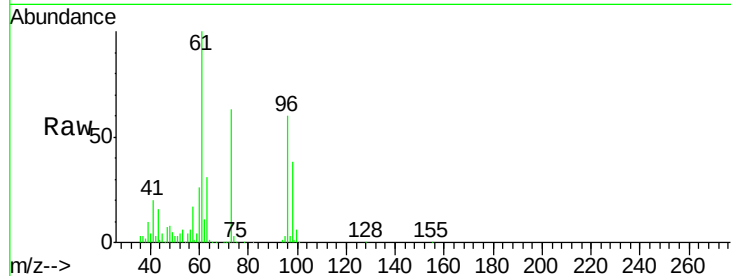
#19
Methyl tert-butyl Ether
Concen: 21.471 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampled :
VW0309SBS01

Tot Ion: 73 Resp: 168234
Ion Ratio Lower Upper
73 100
57 27.4 19.3 28.9

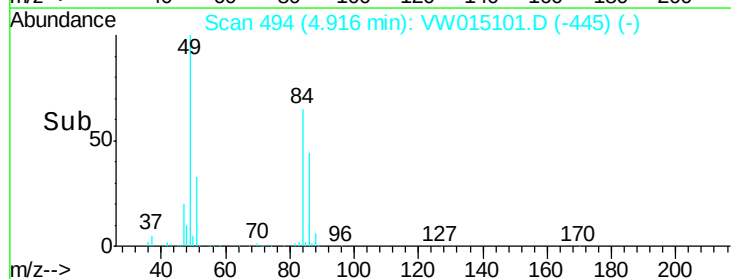
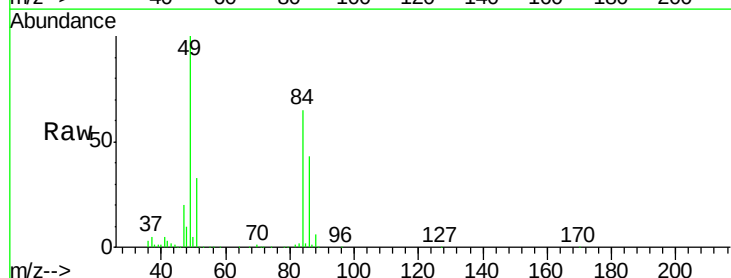
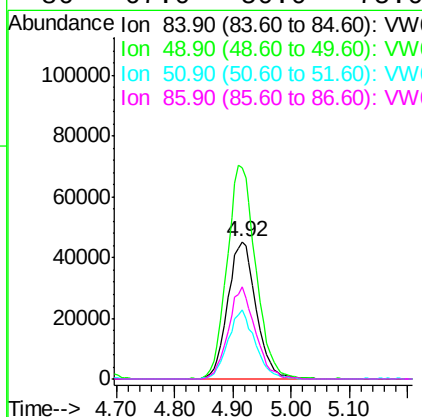
Manual Integrations
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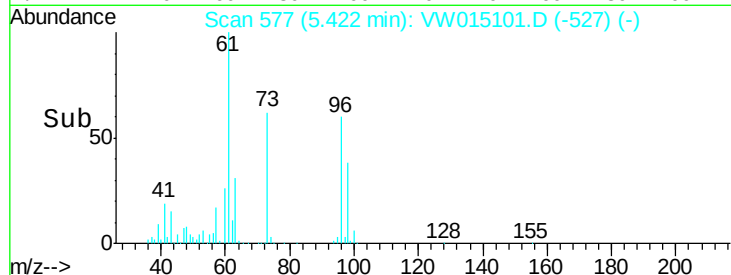
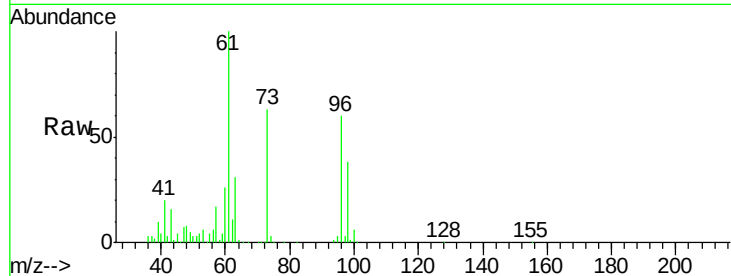
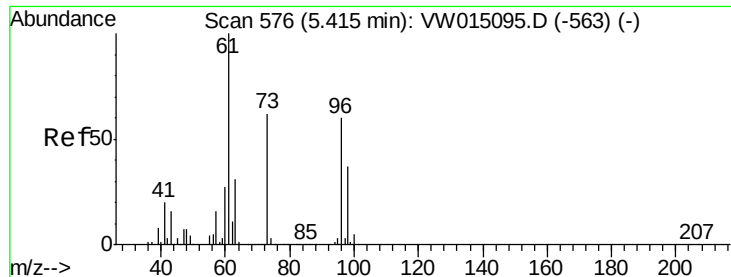
MMDadoda
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#20
Methylene Chloride
Concen: 20.920 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 84 Resp: 152906
Ion Ratio Lower Upper
84 100
49 154.1 122.8 184.2
51 50.3 35.9 53.9
86 67.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 20.640 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW015101.D

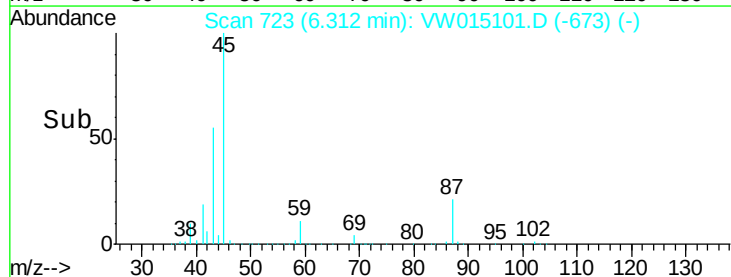
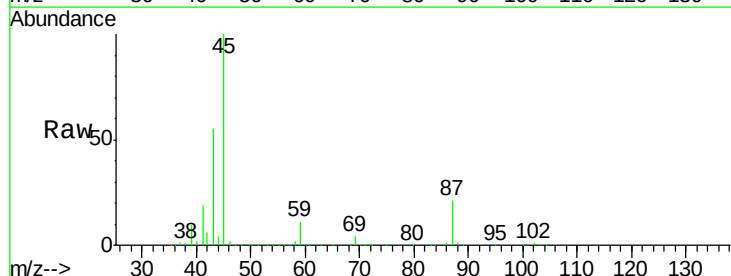
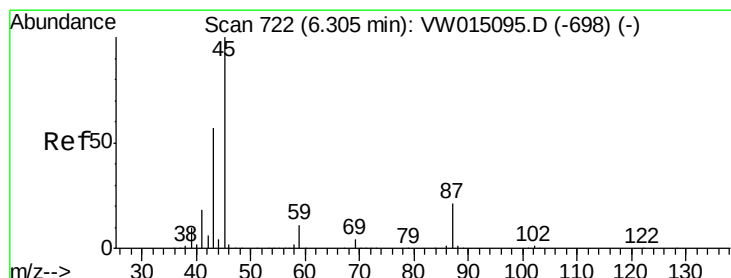
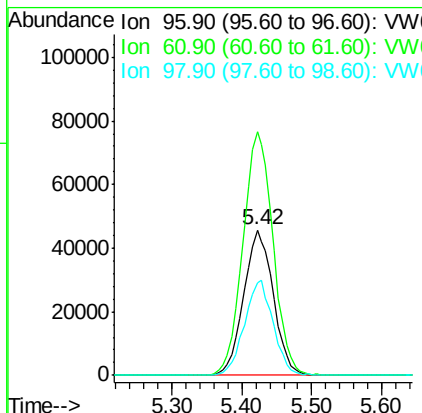
Acq: 09 Mar 2020 16:57

Tot Ion:	96	Resp:	134129
Ion	Ratio	Lower	Upper
96	100		
61	167.3	132.5	198.7
98	63.6	48.9	73.3

Instrument :
MSVOA_W
ClientSampled :
VW0309SBS01

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.869 ug/l

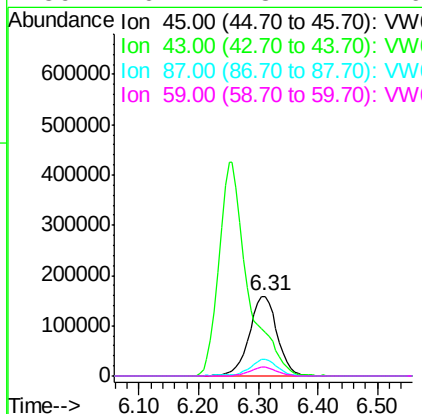
RT: 6.31 min Scan# 723

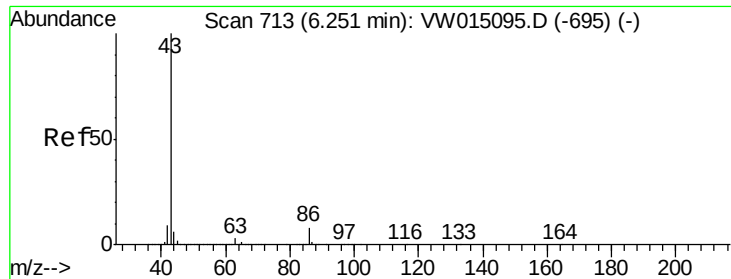
Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	45	Resp:	514694
Ion	Ratio	Lower	Upper
45	100		
43	54.6	45.4	68.0
87	20.6	16.4	24.6
59	10.7	8.4	12.6





#23

Vinyl Acetate

Concen: 102.523 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBS01

Tot Ion: 43 Resp: 1424372

Ion Ratio Lower Upper

43 100

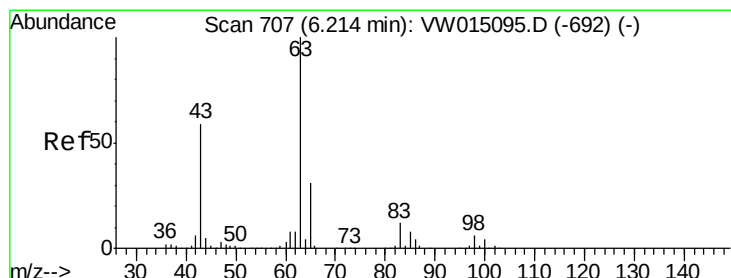
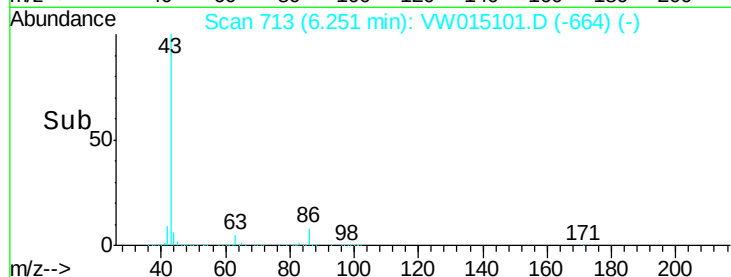
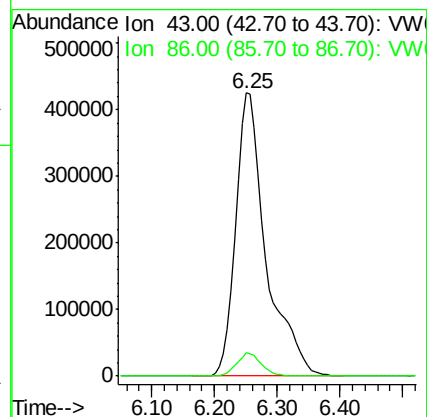
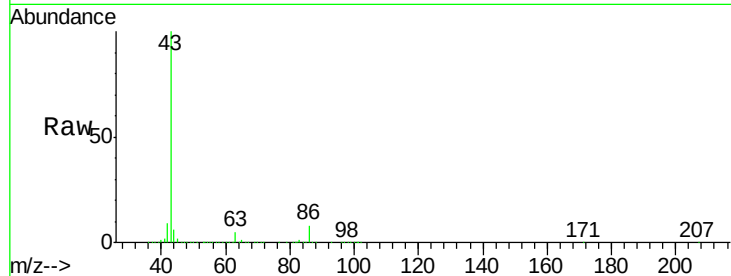
86 8.1 6.3 9.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.790 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

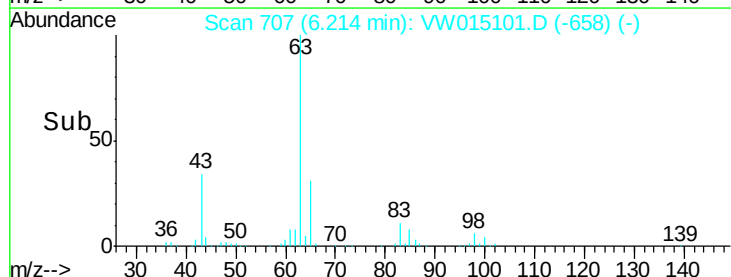
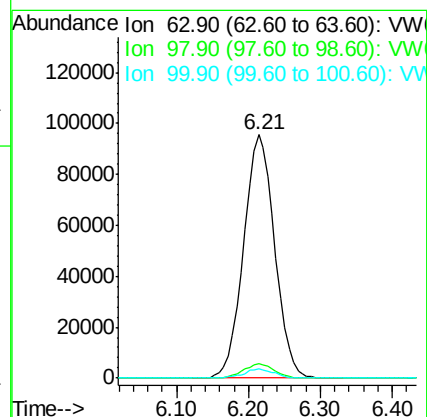
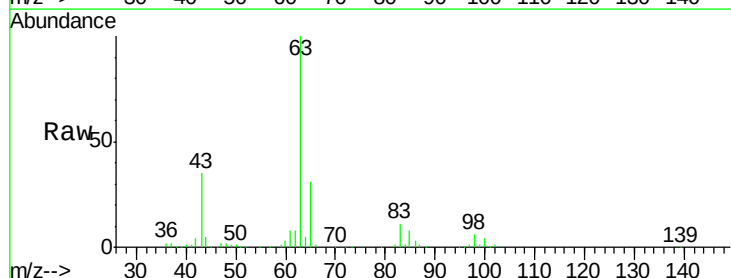
Tgt Ion: 63 Resp: 285329

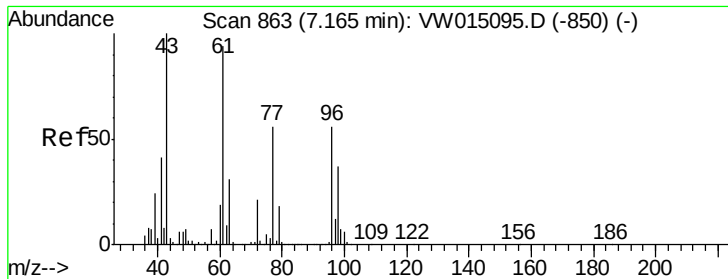
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.6 2.1 6.3





#25

2-Butanone

Concen: 95.404 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

Tot Ion: 43 Resp: 211274

Ion Ratio Lower Upper

43 100

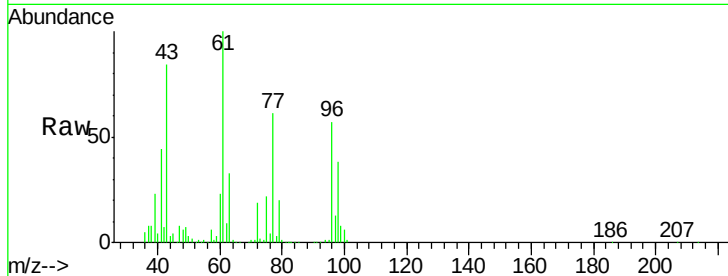
72 22.2 17.0 25.6

Manual Integrations

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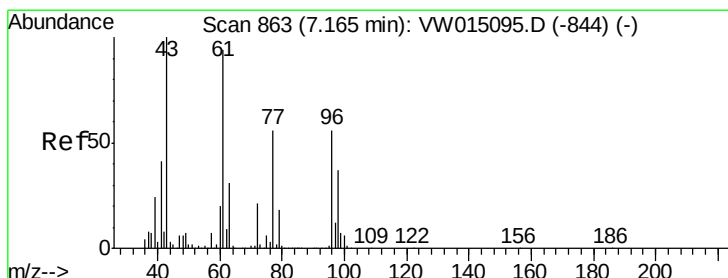
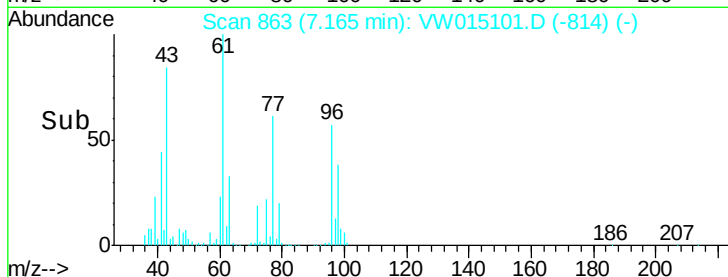
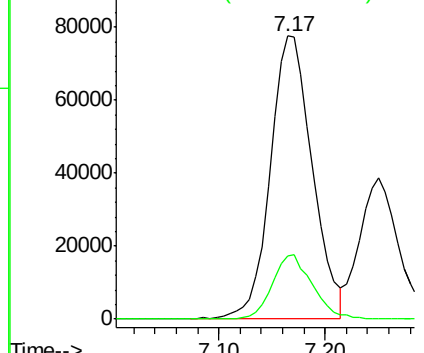
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 21.450 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015101.D

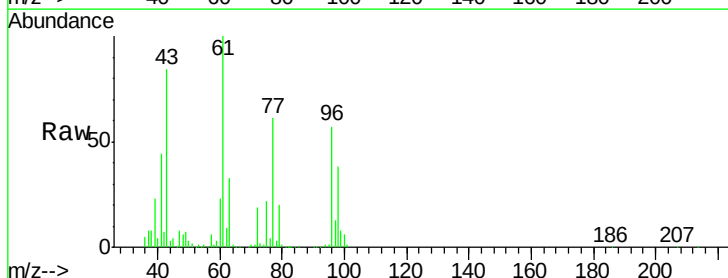
Acq: 09 Mar 2020 16:57

Tgt Ion: 77 Resp: 168370

Ion Ratio Lower Upper

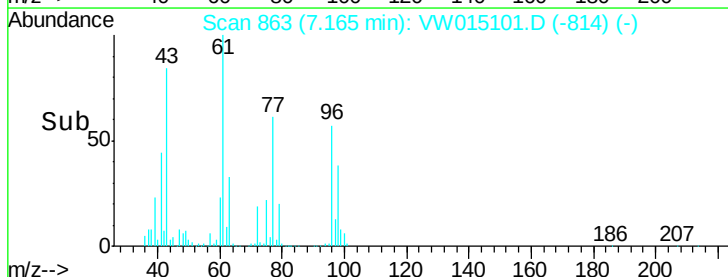
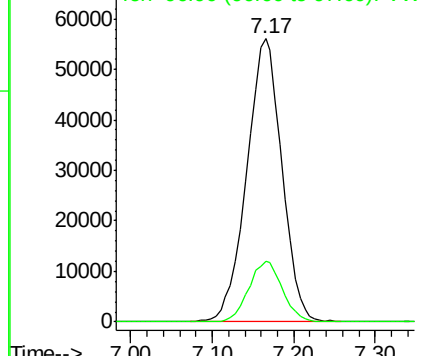
77 100

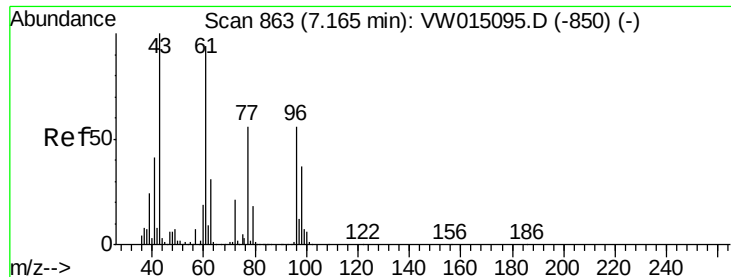
97 20.4 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

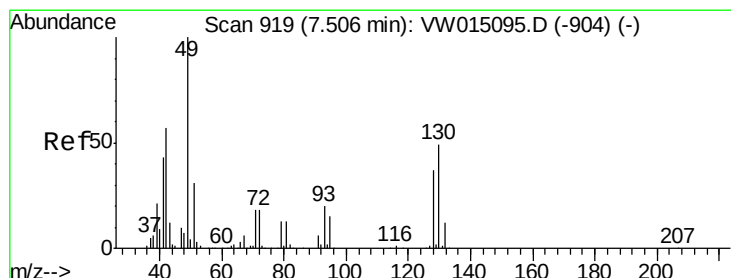
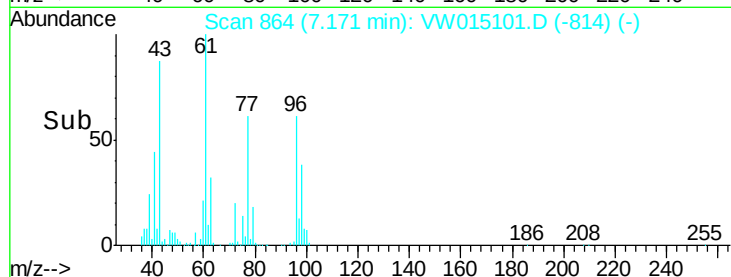
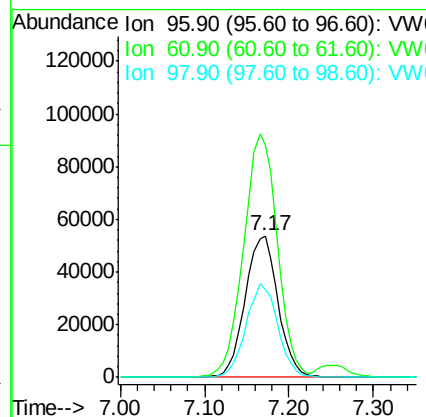
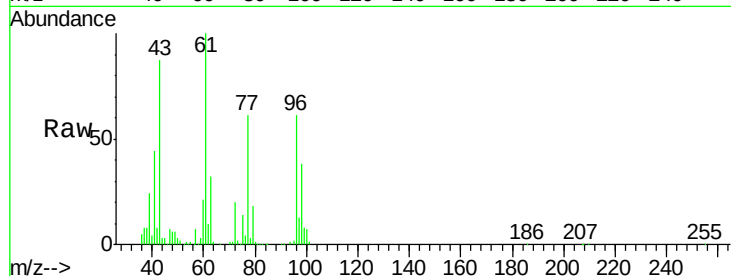
cis-1,2-Dichloroethene
 Concen: 20.846 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	177.5	0.0	343.4
98	64.5	0.0	127.6

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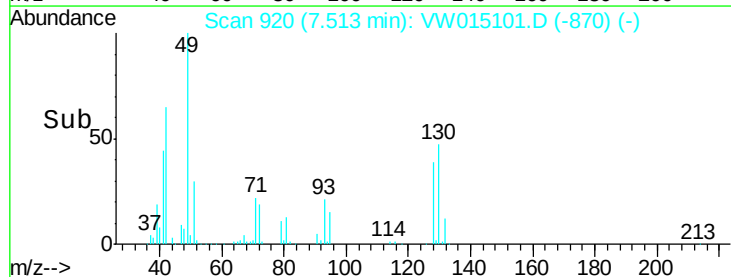
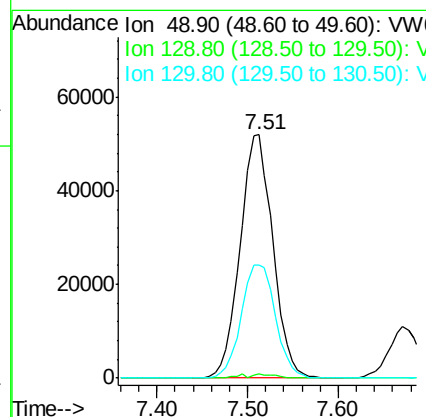
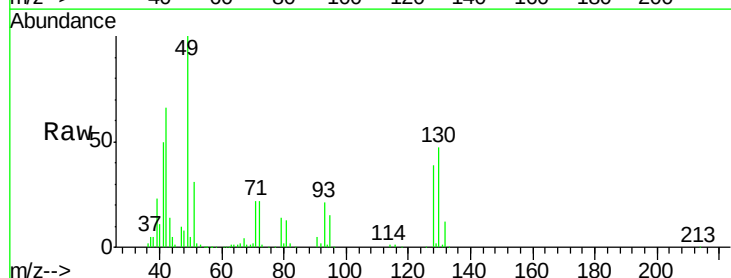
MMDadoda
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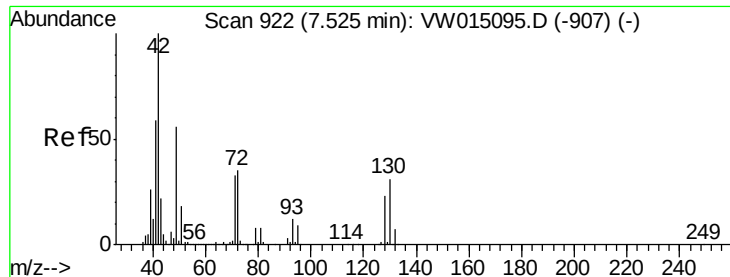


#28

Bromochloromethane
 Concen: 19.791 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.0
130	48.6	39.8	59.6





#29

Tetrahydrofuran

Concen: 97.589 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

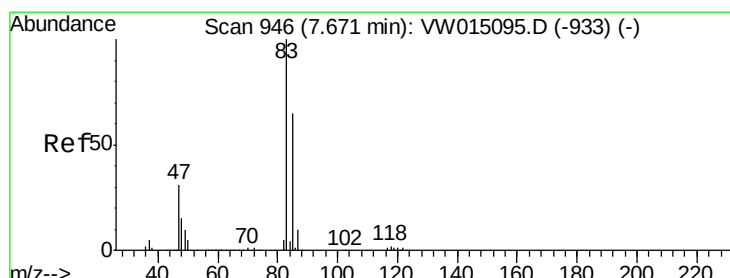
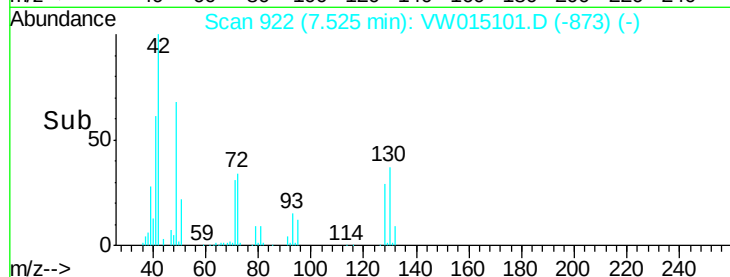
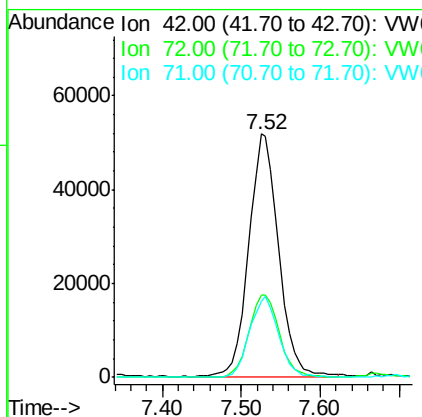
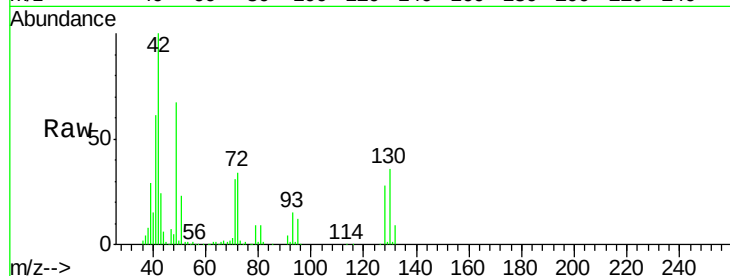
ClientSampled :

VW0309SBS01

Tot Ion:	42	Resp:	135178
Ion	Ratio	Lower	Upper
42	100		
72	35.2	27.8	41.6
71	32.6	26.4	39.6

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#30

Chloroform

Concen: 20.634 ug/l

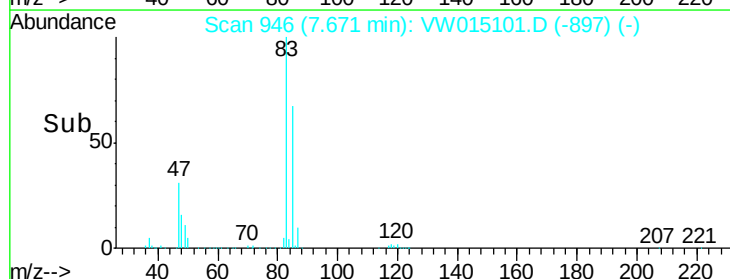
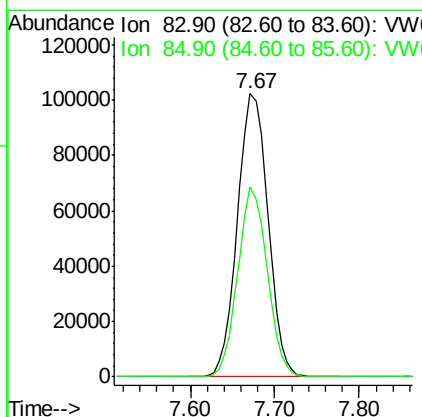
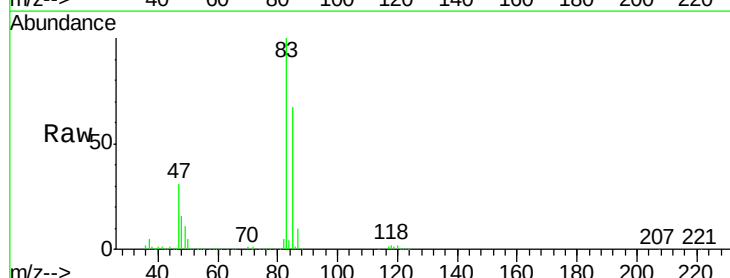
RT: 7.67 min Scan# 946

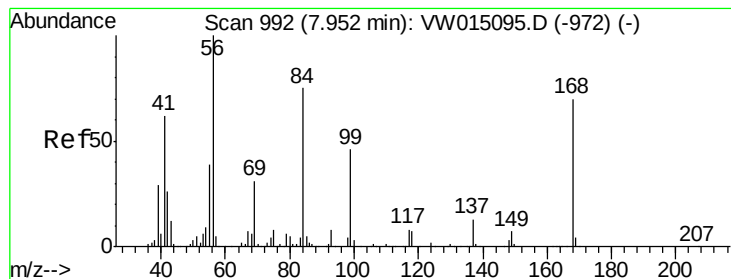
Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	83	Resp:	251309
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.9	77.9





#31

Cyclohexane

Concen: 20.555 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

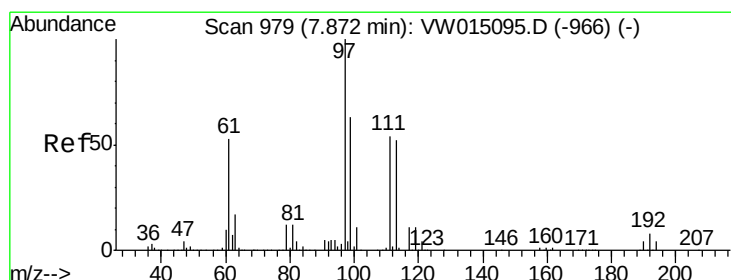
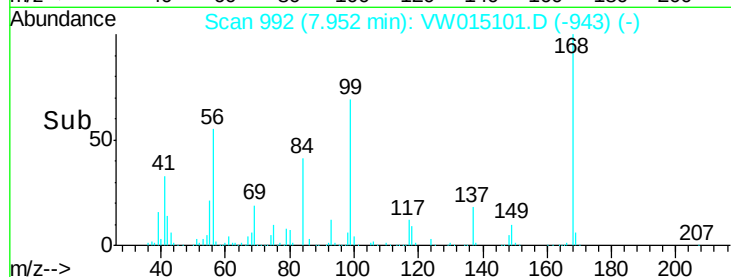
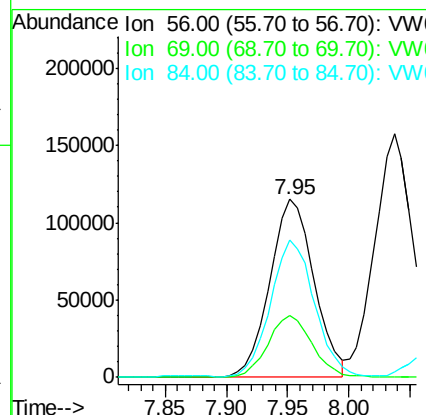
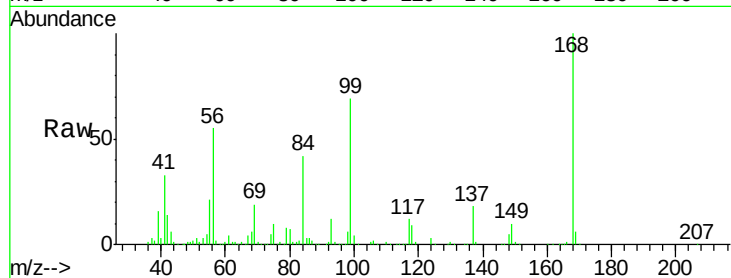
ClientSampleId :

VW0309SBSD01

Tot Ion	56	Resp	290146
Ion Ratio	Lower	Upper	
56	100		
69	34.6	24.6	37.0
84	76.0	59.9	89.9

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#32

1,1,1-Trichloroethane

Concen: 20.696 ug/l

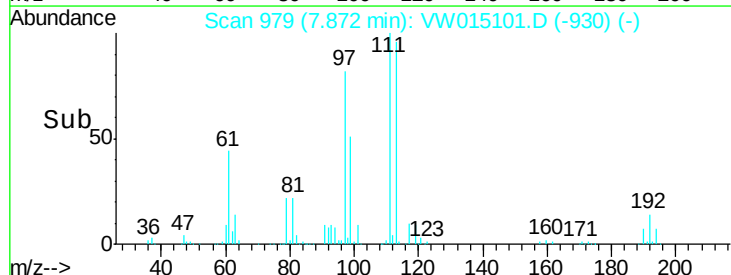
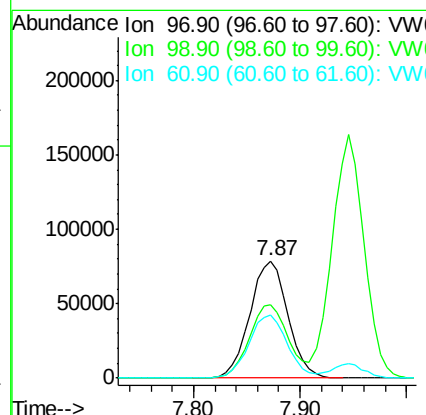
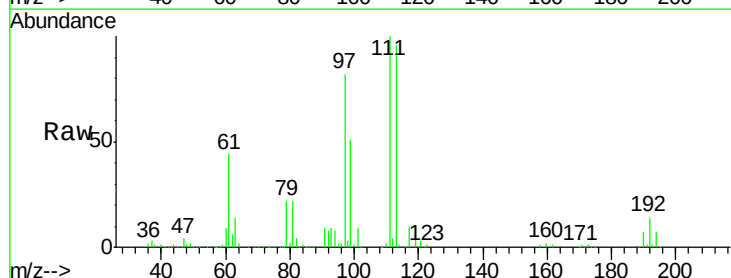
RT: 7.87 min Scan# 979

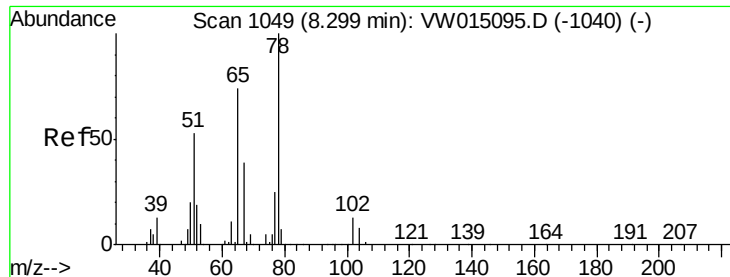
Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion	97	Resp	196813
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.3	76.9
61	54.6	44.0	66.0





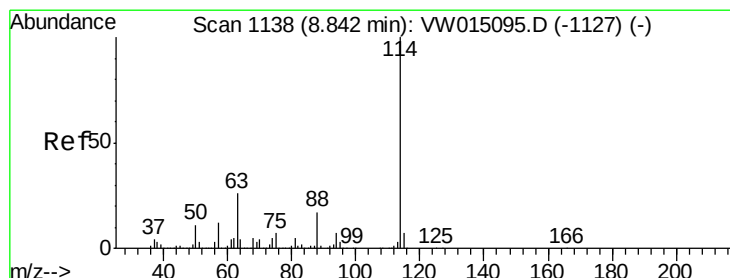
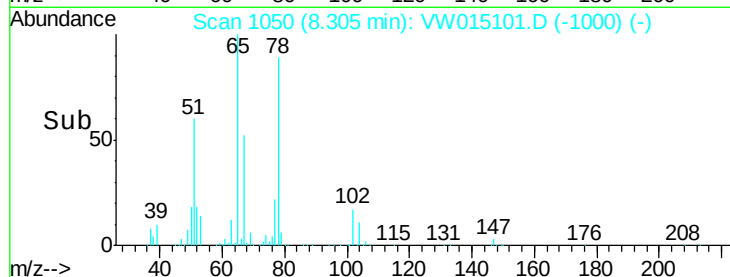
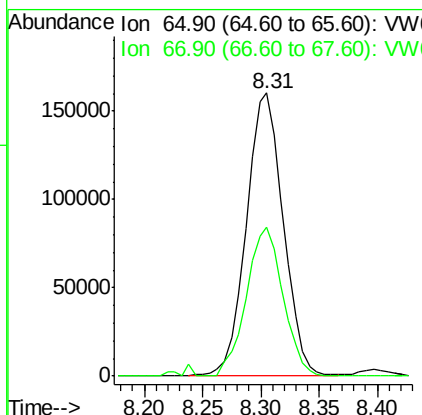
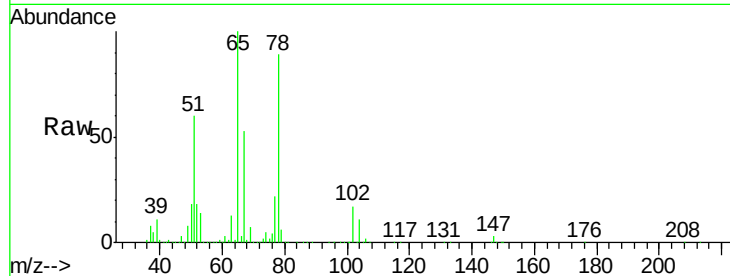
#33
 1,2-Dichloroethane-d4
 Concen: 49.927 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	105.0	

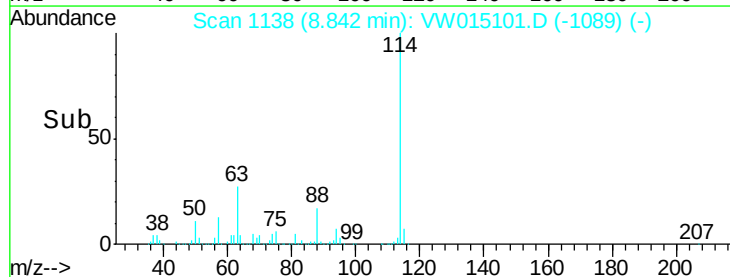
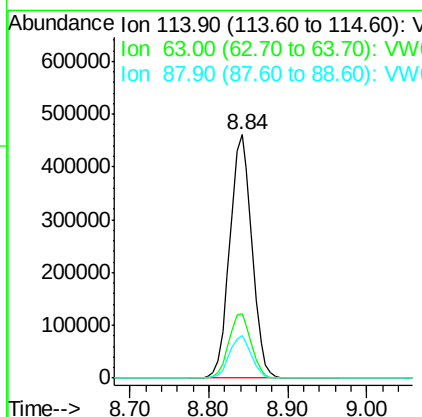
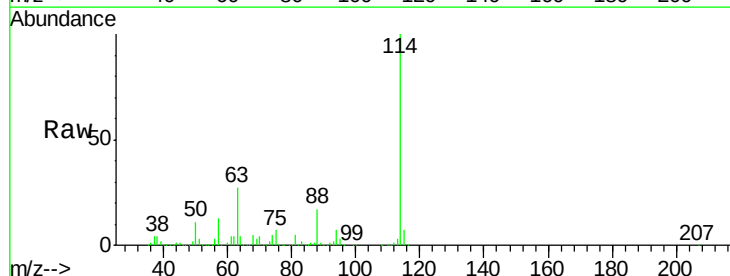
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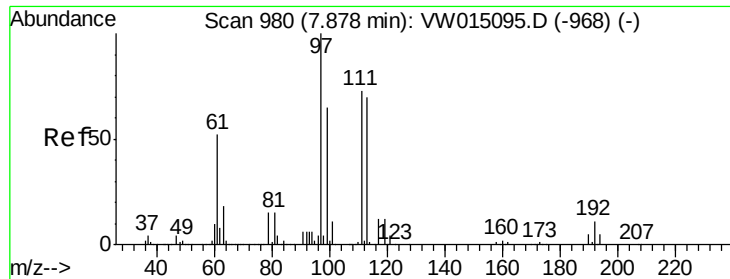
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	26.5	0.0	52.0	
88	17.4	0.0	34.2	





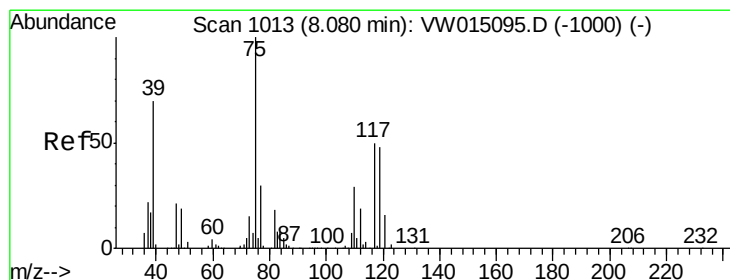
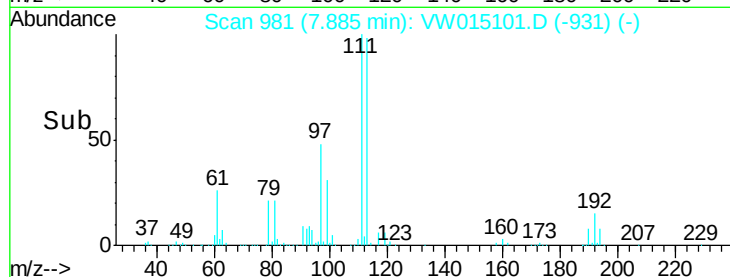
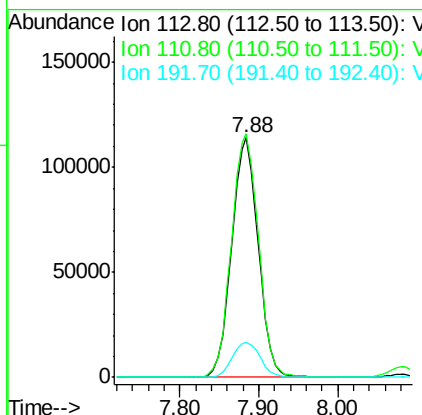
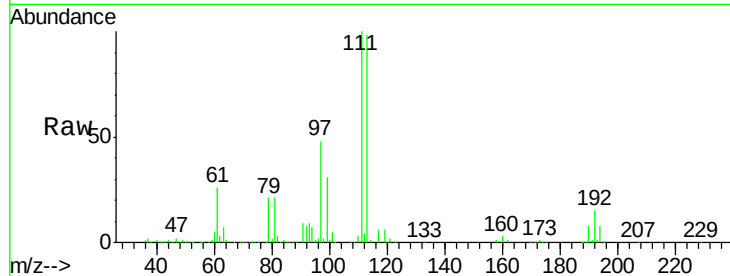
#35
 Dibromofluoromethane
 Concen: 49.556 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	266323		
111	103.9	83.6	125.4	
192	15.5	12.4	18.6	

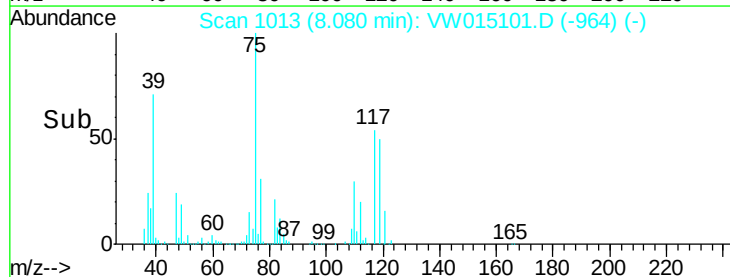
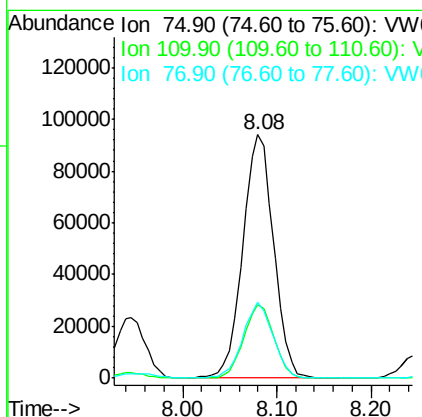
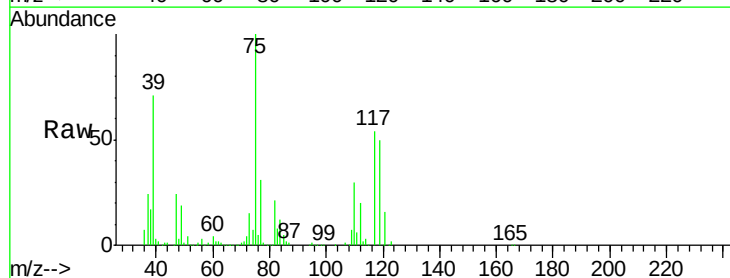
Manual Integrations
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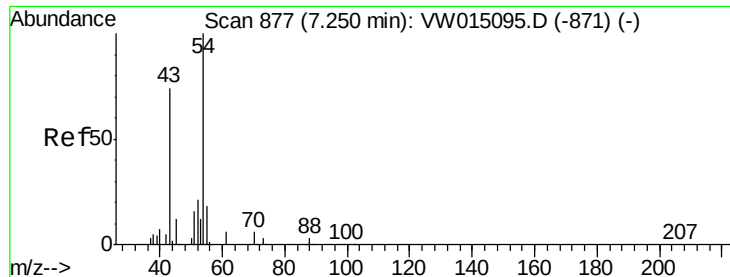
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 20.464 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	213026		
110	29.6	14.7	44.1	
77	31.0	24.2	36.4	





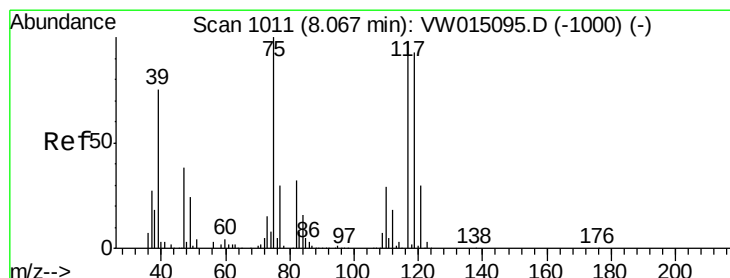
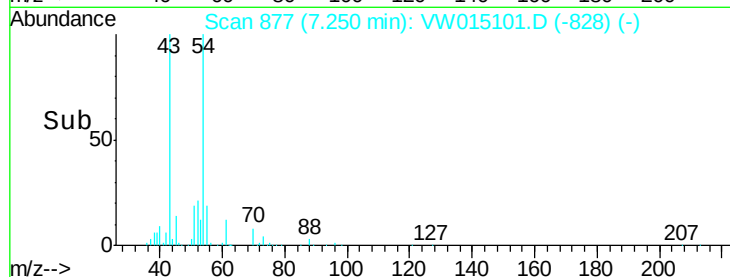
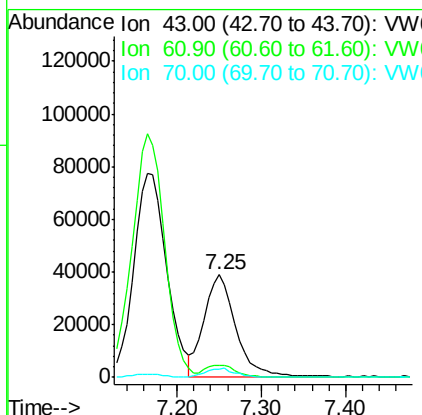
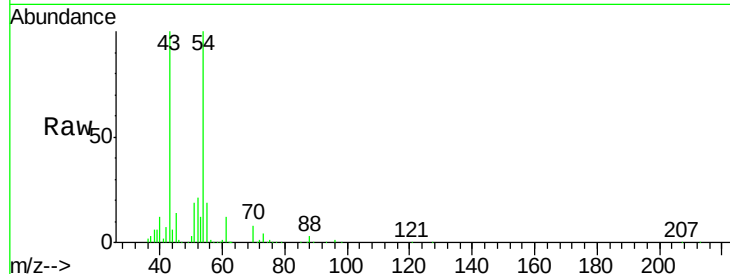
#37
Ethyl Acetate
Concen: 19.462 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.6	14.4
70	8.4	6.5	9.7

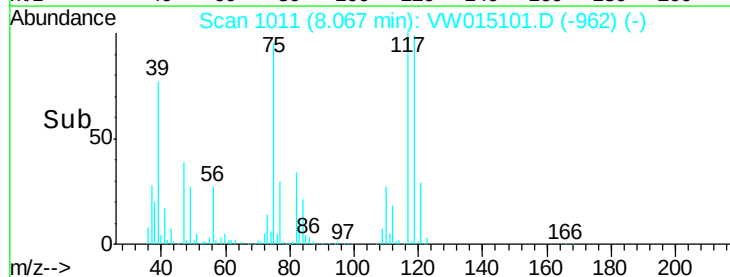
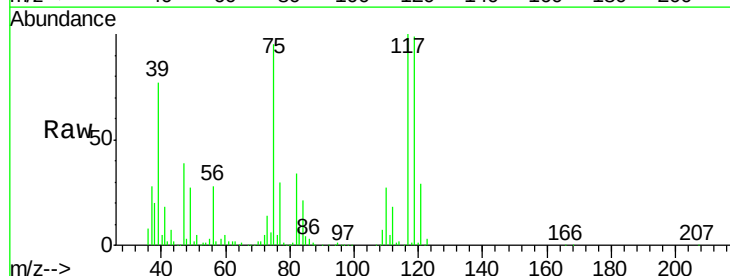
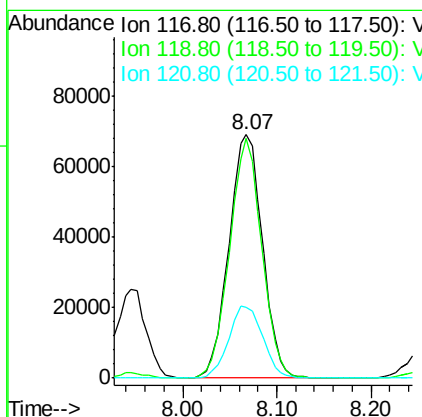
Manual Integrations
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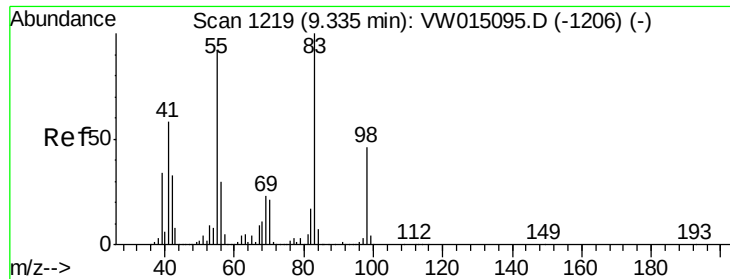
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#38
Carbon Tetrachloride
Concen: 20.181 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.8
121	29.3	24.5	36.7





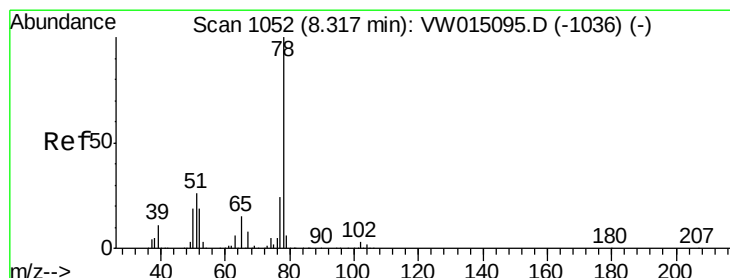
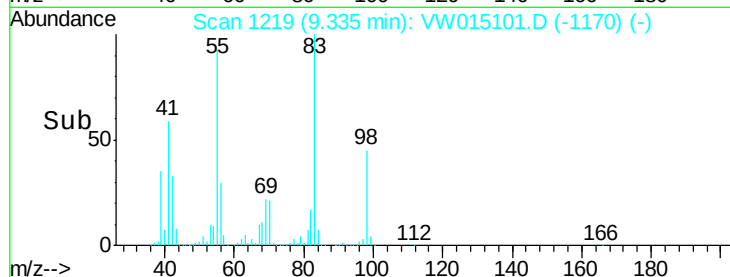
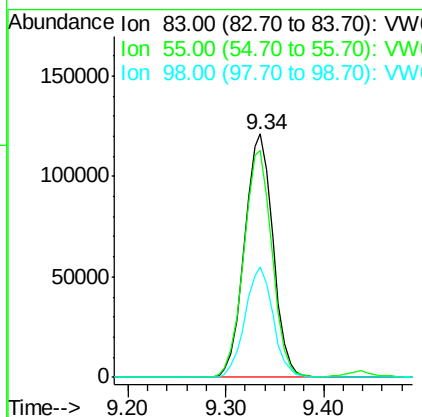
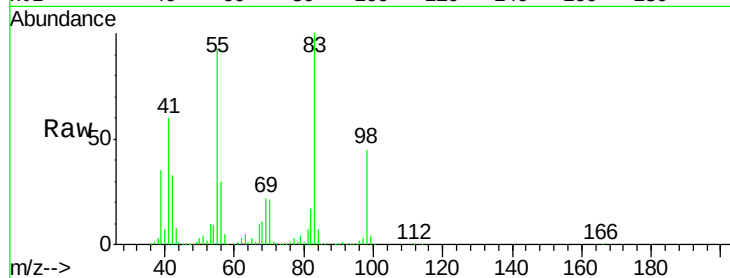
#39
Methylvlcyclohexane
Concen: 20.479 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	93.4	73.5	110.3
98	45.3	37.2	55.8

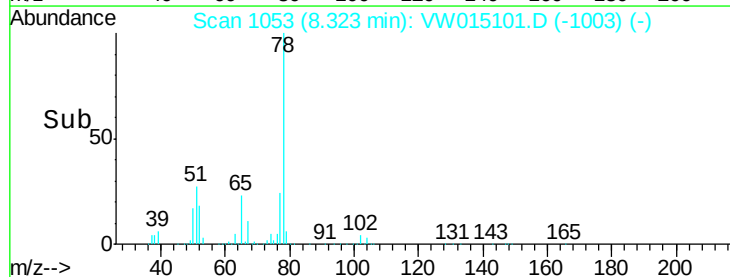
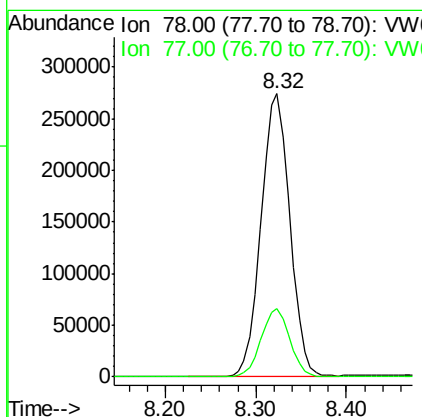
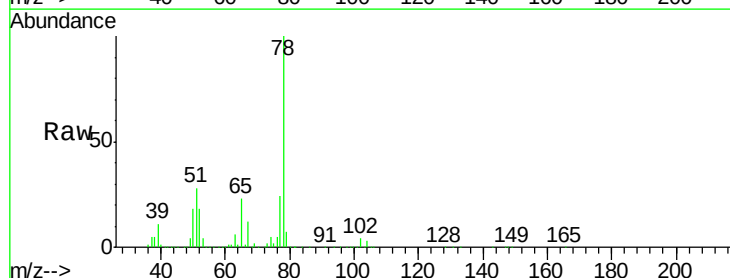
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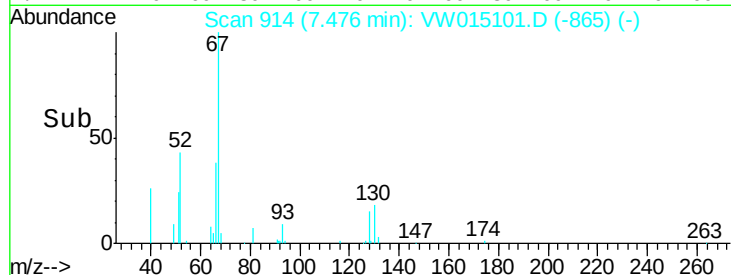
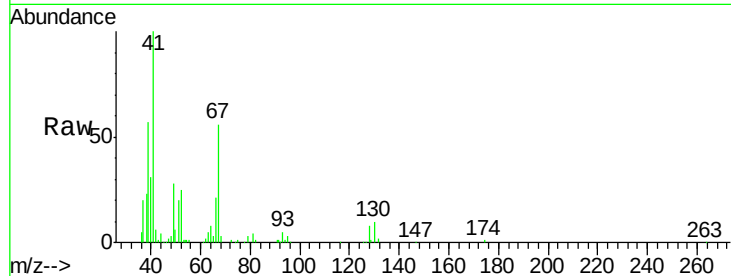
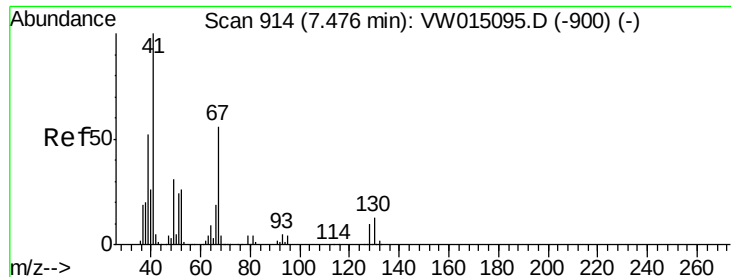
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#40
Benzene
Concen: 20.822 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

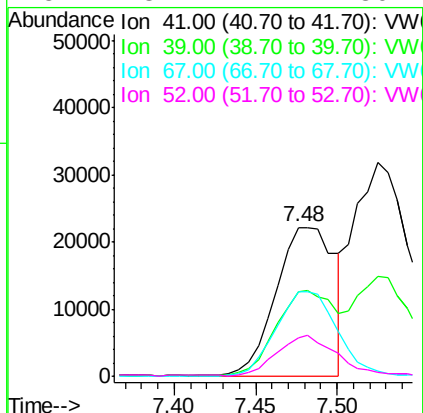
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





#41
Methacrylonitrile
Concen: 20.094 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

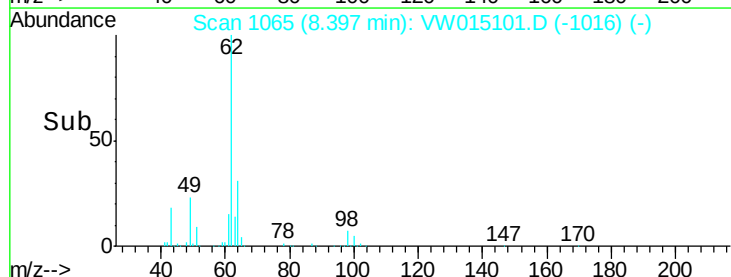
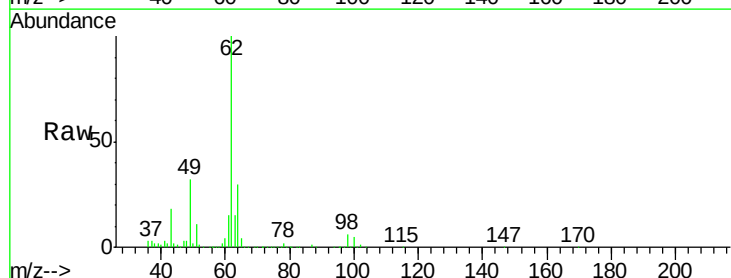
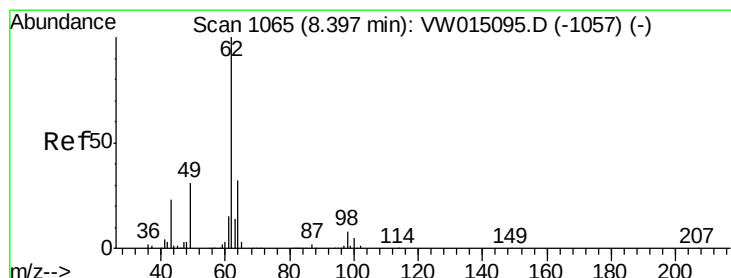
Tot Ion	Ratio	Lower	Upper
41	100		
39	56.1	49.0	73.4
67	60.0	50.4	75.6
52	28.1	24.2	36.4



Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

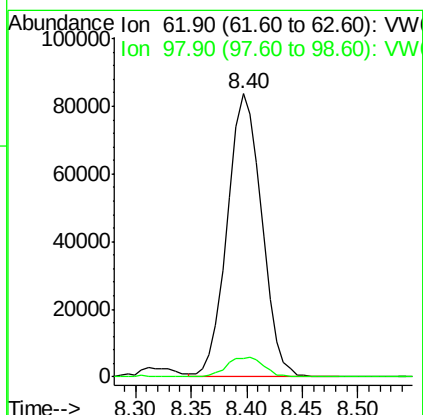
Manual Integrations
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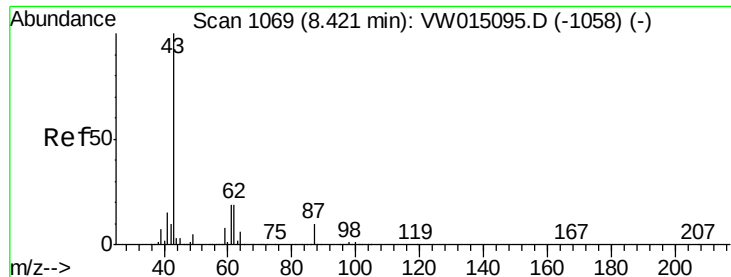
MMDadoda
3/11/2020 3:24:09 PM



#42
1,2-Dichloroethane
Concen: 20.247 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.732 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

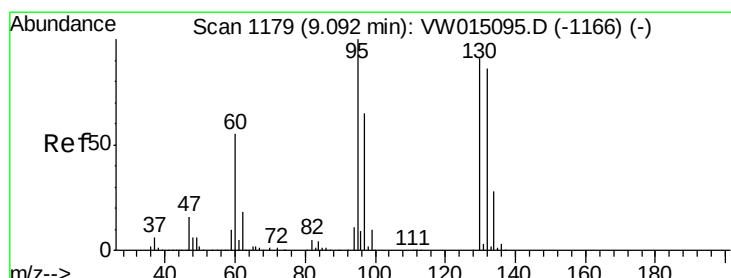
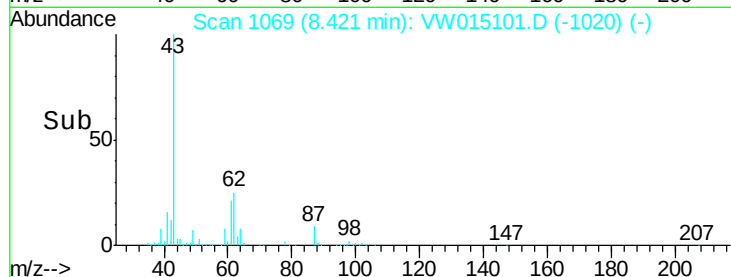
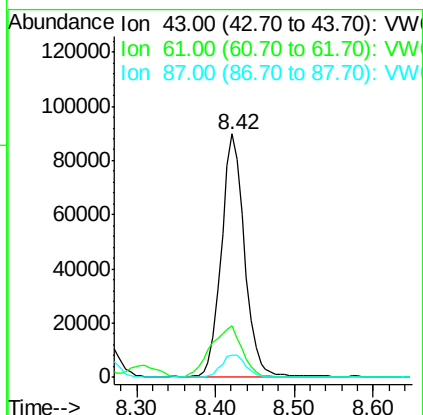
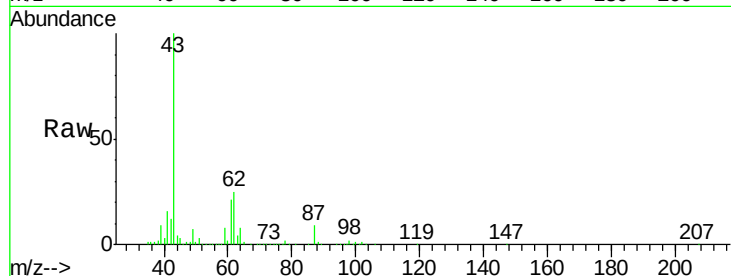
ClientSampleId :

VW0309SBS01

Tot Ion:	43	Resp:	183537
Ion	Ratio	Lower	Upper
43	100		
61	28.2	21.8	32.8
87	9.8	8.0	12.0

Manual Integrations
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#44

Trichloroethene

Concen: 20.230 ug/l

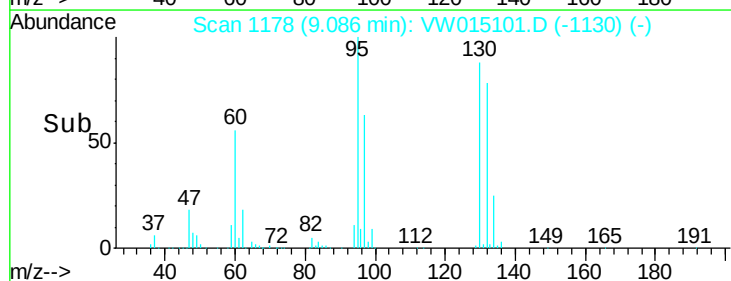
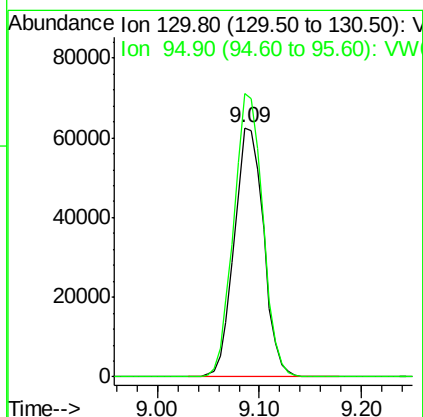
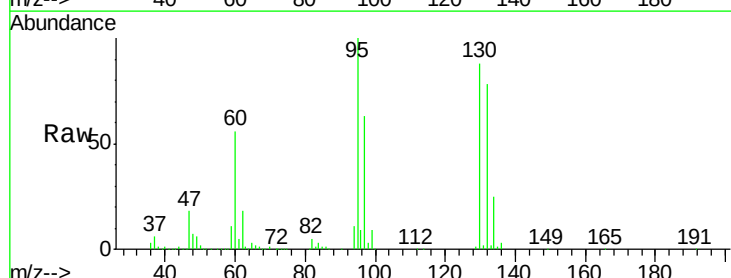
RT: 9.09 min Scan# 1178

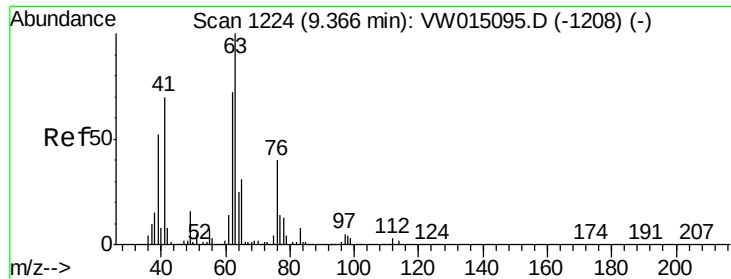
Delta R.T. -0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	130	Resp:	124578
Ion	Ratio	Lower	Upper
130	100		
95	113.5	0.0	219.8





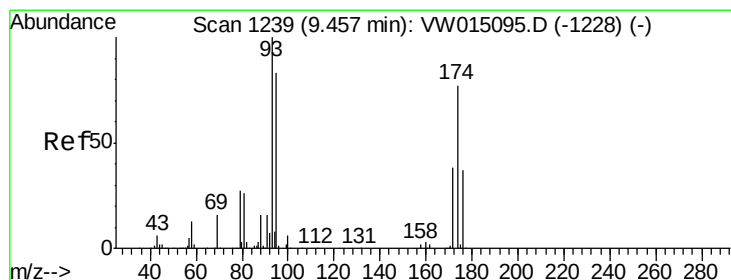
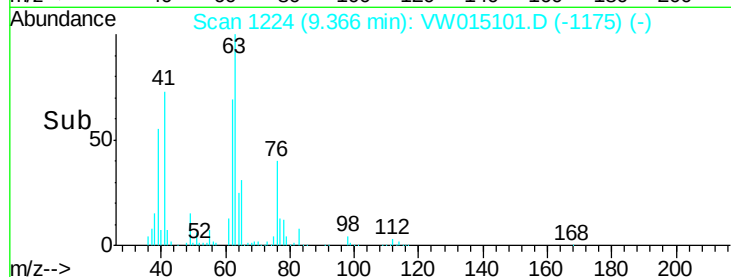
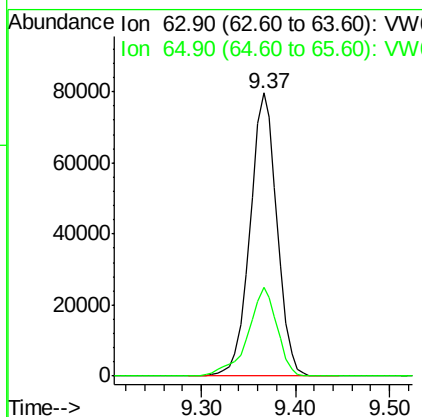
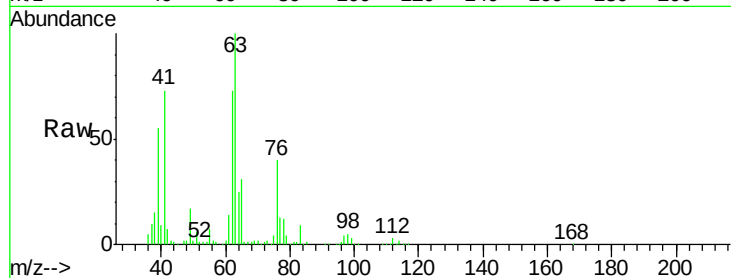
#45
 1,2-Dichloropropane
 Concen: 20.578 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	36.8

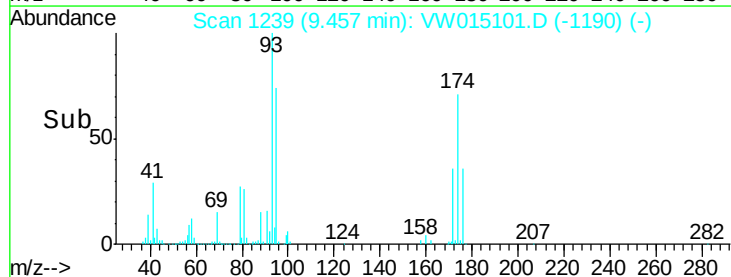
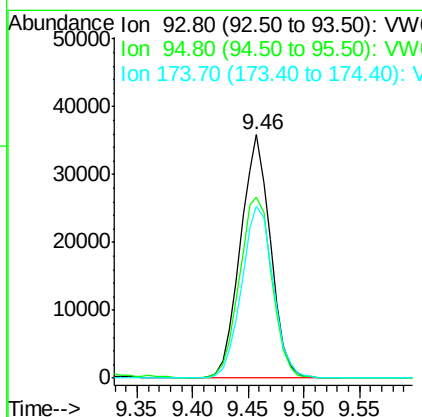
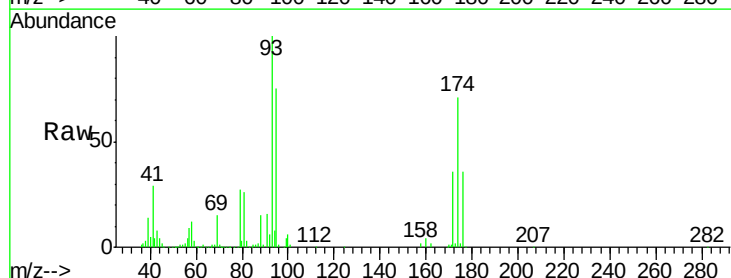
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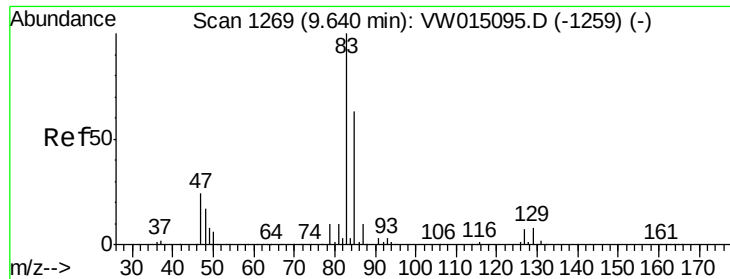
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#46
 Dibromomethane
 Concen: 19.833 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.9	66.6	100.0
174	74.4	60.6	91.0





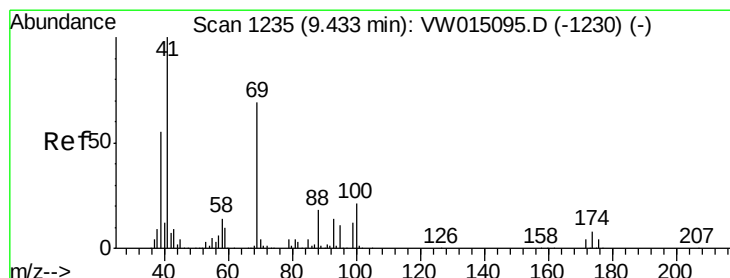
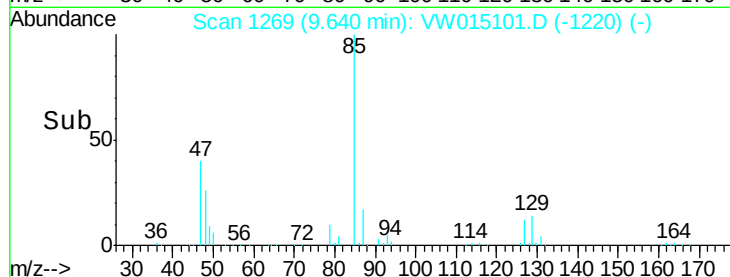
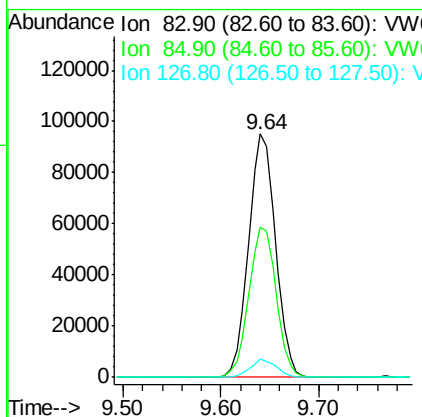
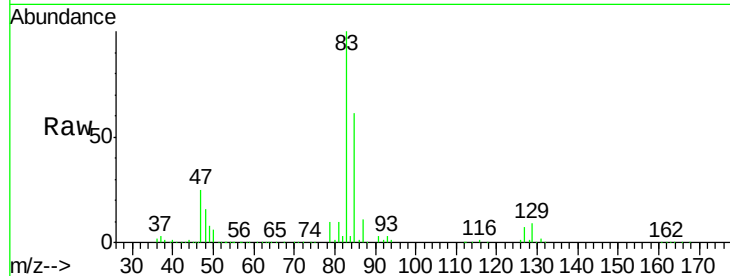
#47
 Bromodichloromethane
 Concen: 20.169 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	83	Resp	182414
Ion Ratio	100	Lower	Upper
83	100		
85	61.5	50.7	76.1
127	7.3	5.5	8.3

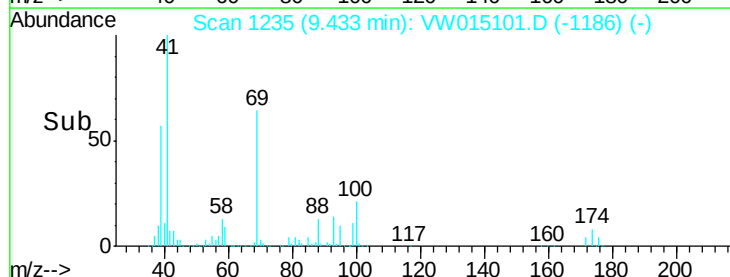
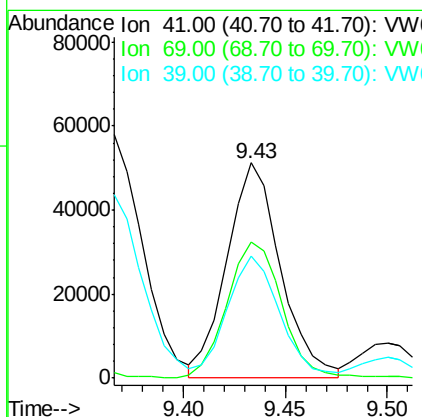
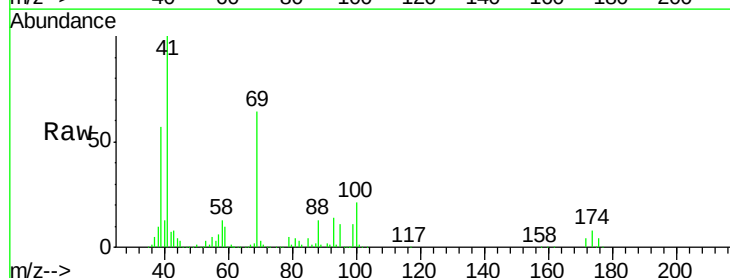
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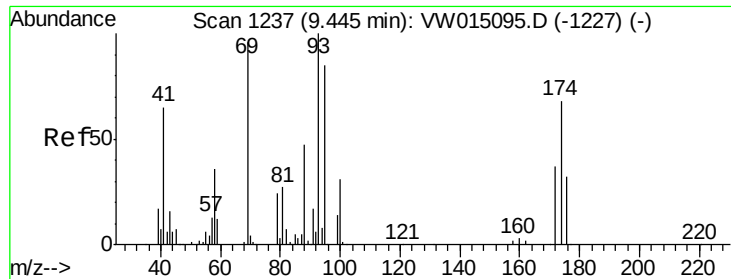
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 3/11/2020 3:24:09 PM



#48
 Methyl methacrylate
 Concen: 20.974 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	41	Resp	92625
Ion Ratio	100	Lower	Upper
41	100		
69	65.1	58.7	88.1
39	50.6	45.1	67.7





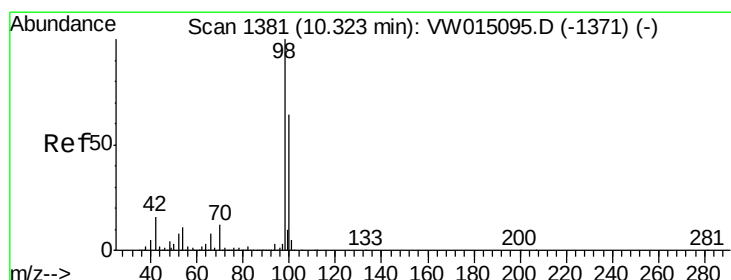
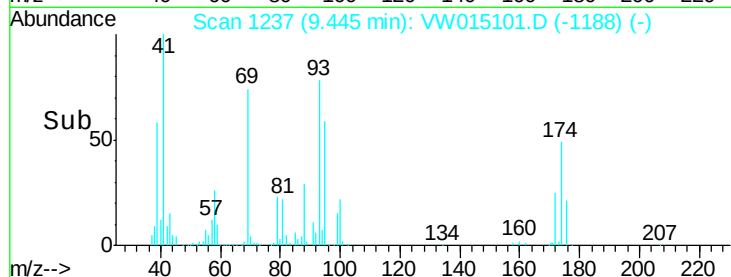
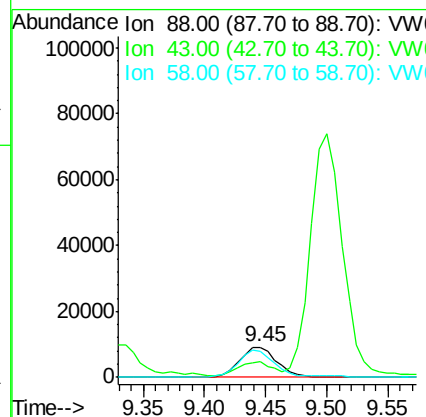
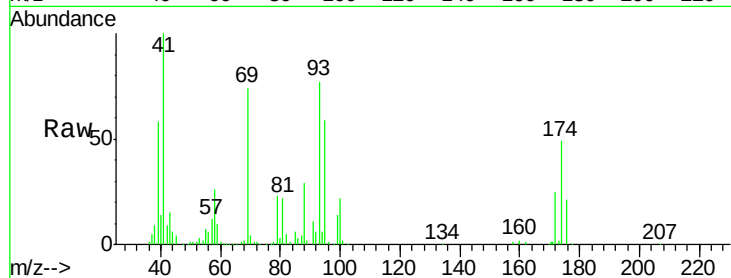
#49
1,4-Dioxane
Concen: 375.835 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.6	35.8	53.8
58	83.0	64.0	96.0

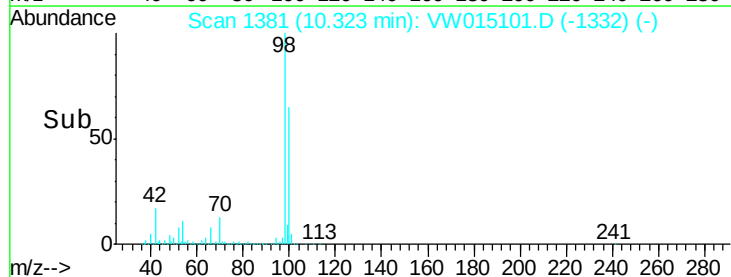
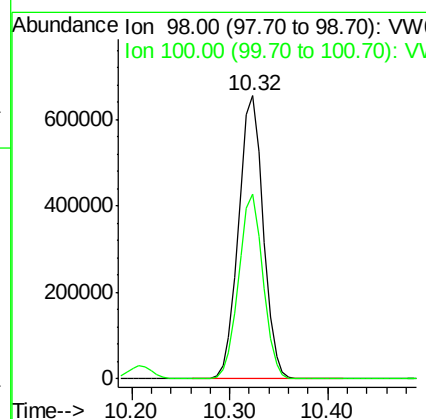
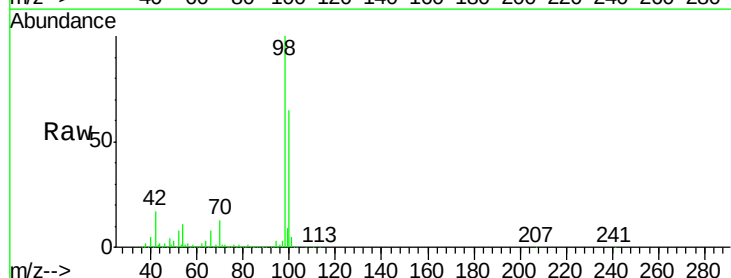
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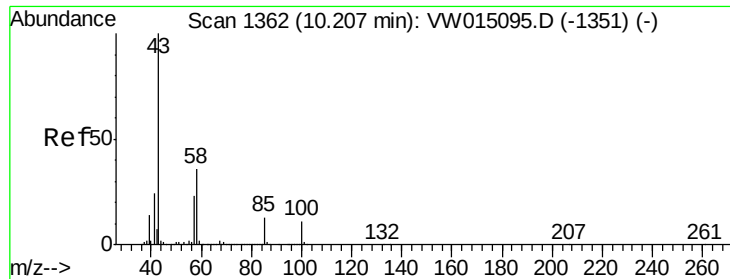
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#50
Toluene-d8
Concen: 50.974 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





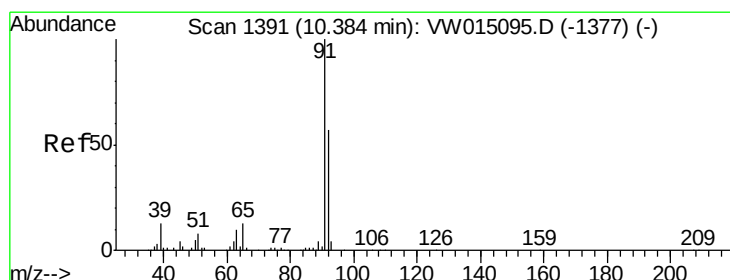
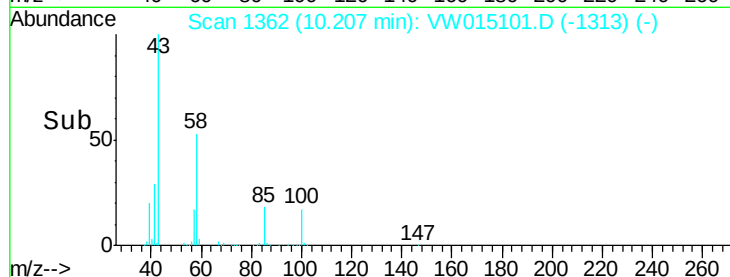
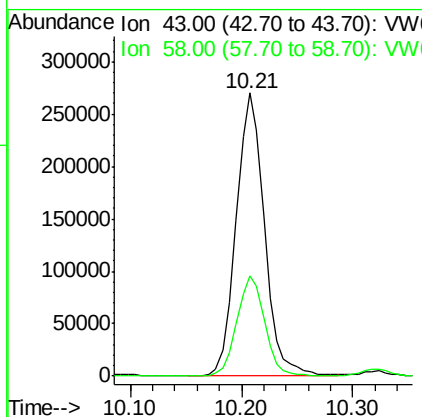
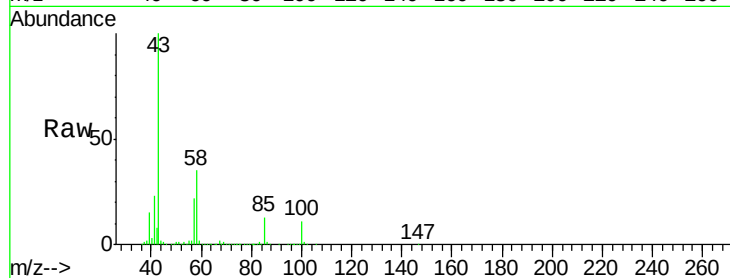
#51
 4-Methyl-2-Pentanone
 Concen: 91.923 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	43	Resp	472257
Ion Ratio	100	Lower	Upper
58	35.2	28.0	42.0

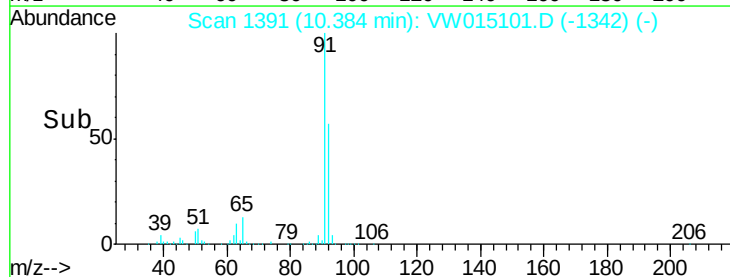
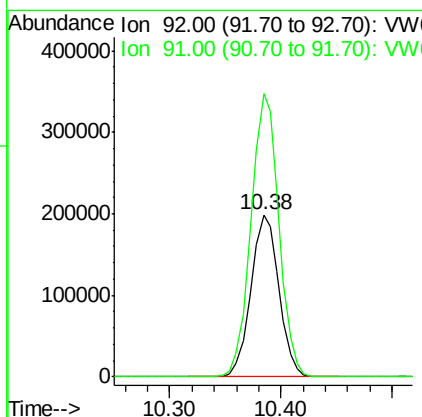
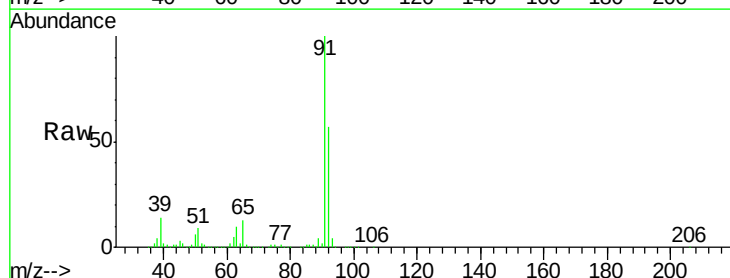
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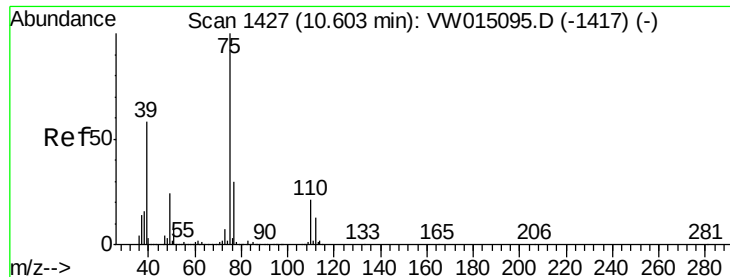
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#52
 Toluene
 Concen: 20.820 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	92	Resp	346001
Ion Ratio	100	Lower	Upper
91	174.9	138.9	208.3





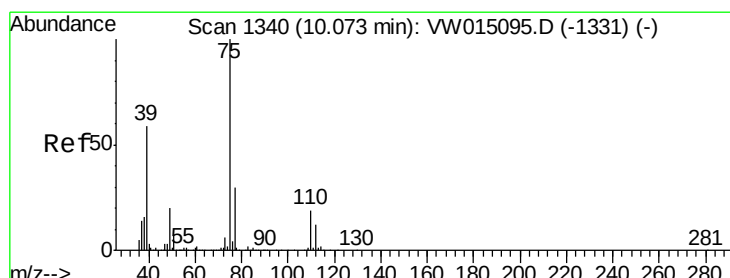
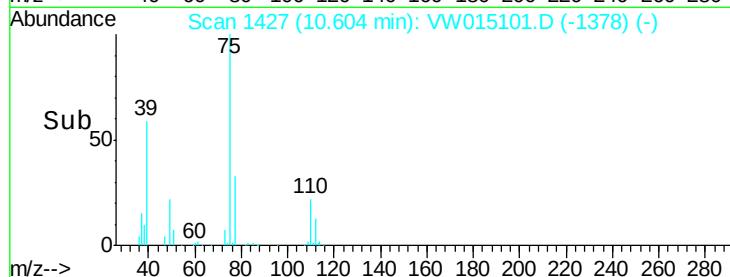
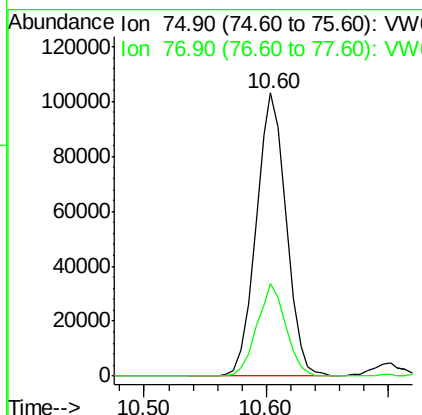
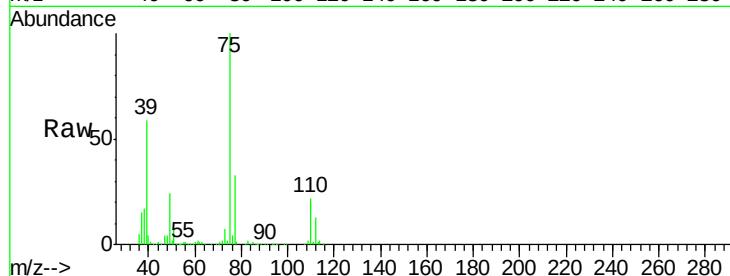
#53
 t-1,3-Dichloropropene
 Concen: 19.802 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.4	36.6

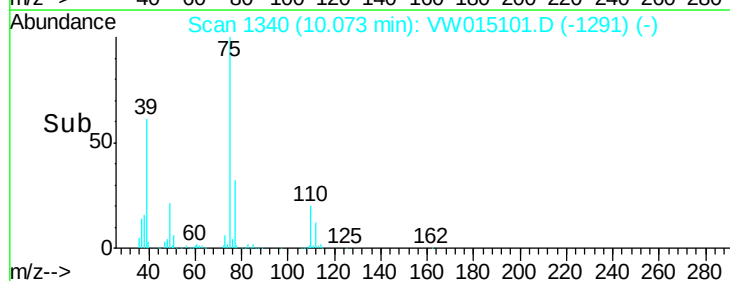
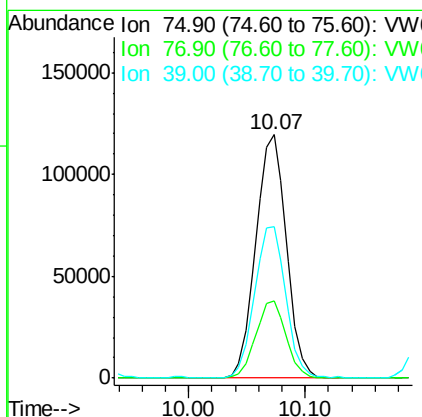
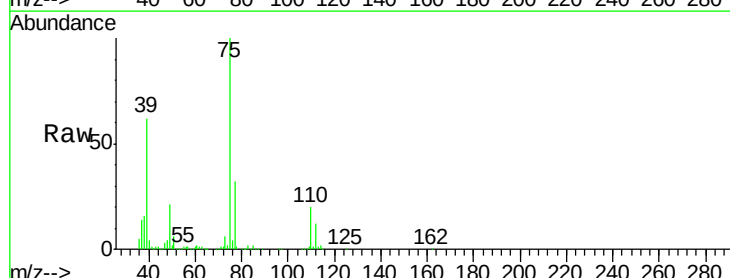
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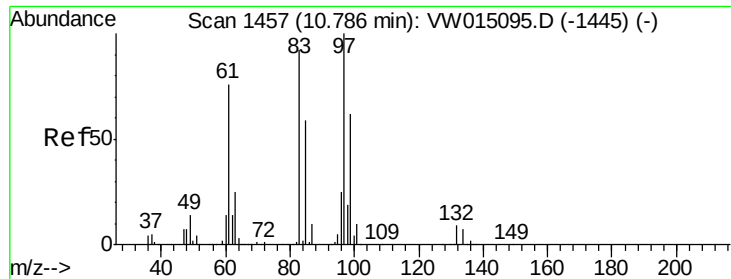
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#54
 cis-1,3-Dichloropropene
 Concen: 20.257 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.3	36.5
39	61.6	47.0	70.6





#55

1,1,2-Trichloroethane

Concen: 19.648 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

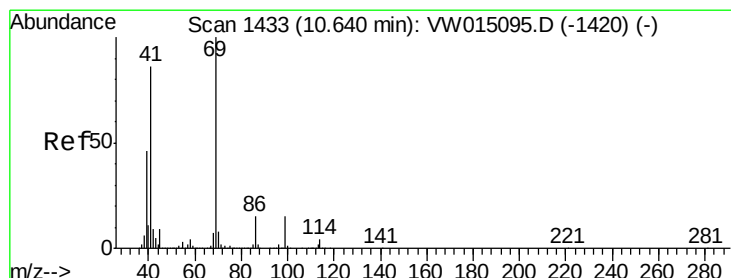
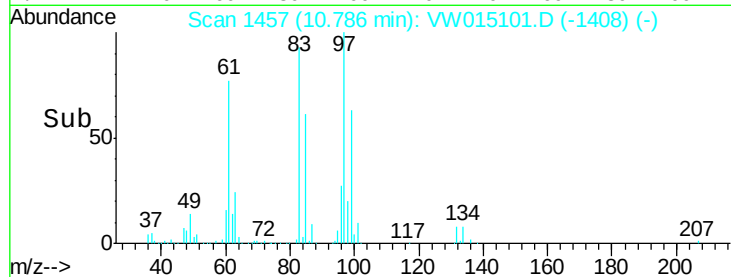
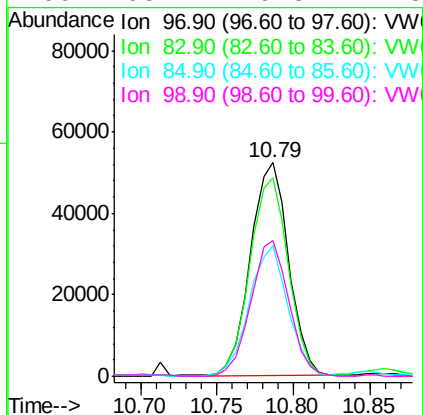
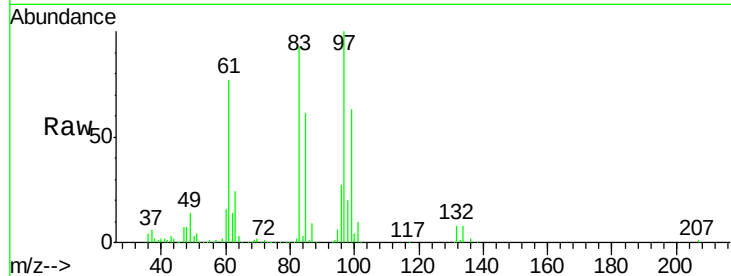
ClientSampleId :

VW0309SBS01

Tot Ion:	97	Resp:	91201
Ion	Ratio	Lower	Upper
97	100		
83	93.3	74.0	111.0
85	61.3	46.9	70.3
99	63.7	49.8	74.8

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#56

Ethyl methacrylate

Concen: 18.767 ug/l

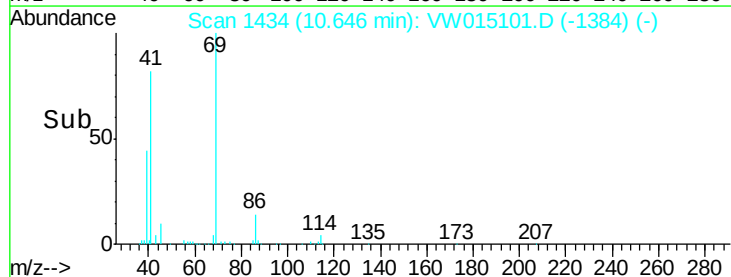
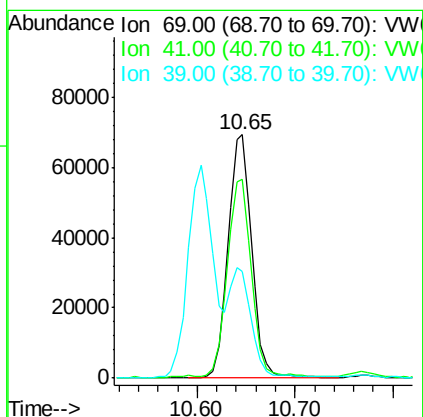
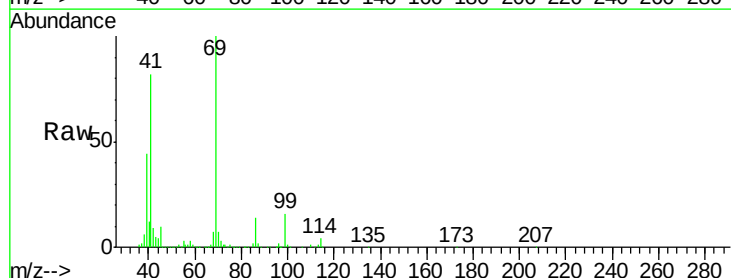
RT: 10.65 min Scan# 1434

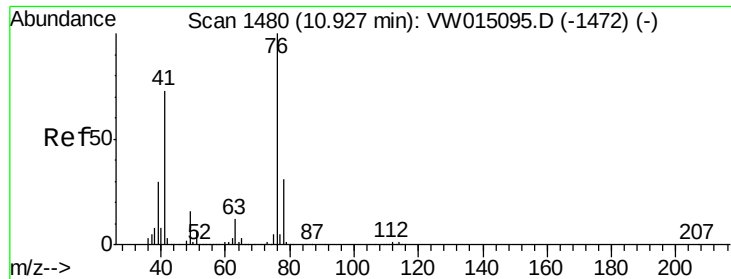
Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	69	Resp:	116713
Ion	Ratio	Lower	Upper
69	100		
41	84.0	65.8	98.6
39	40.4	31.2	46.8





#57

1,3-Dichloropropane

Concen: 20.038 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBS01

Tot Ion: 76 Resp: 177083

Ion Ratio Lower Upper

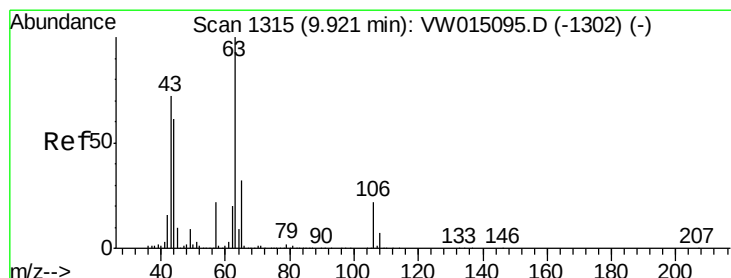
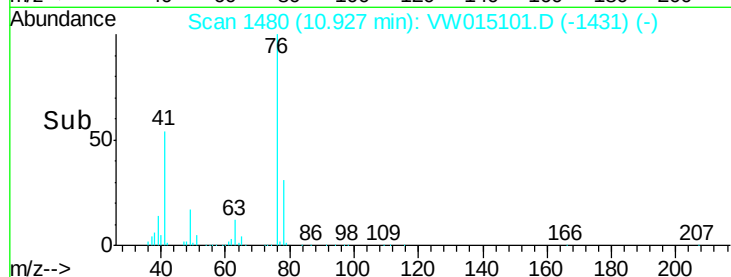
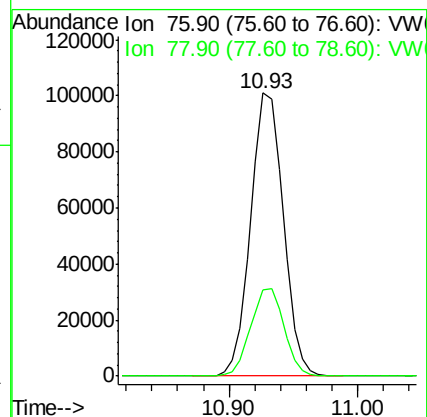
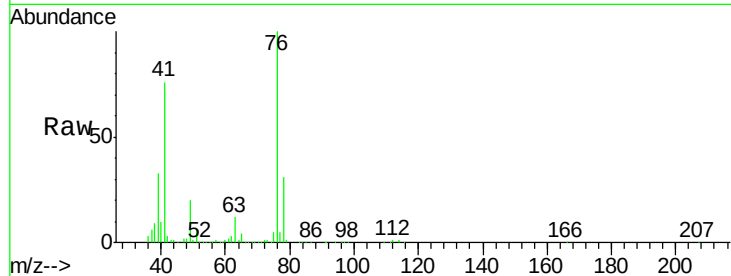
76 100

78 31.5 25.3 37.9

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3/11/2020 3:24:09 PM



#58

2-Chloroethyl Vinyl ether

Concen: 97.091 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015101.D

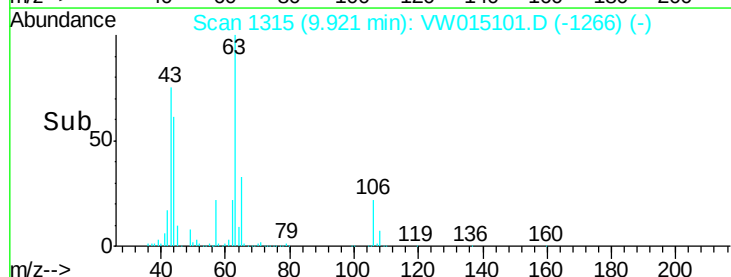
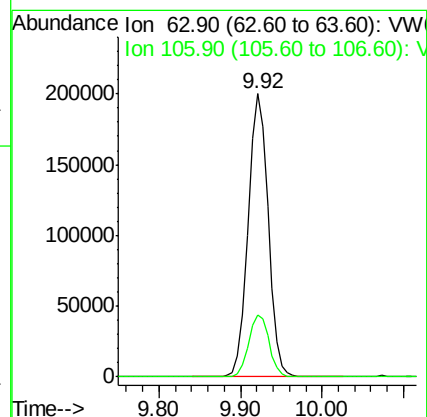
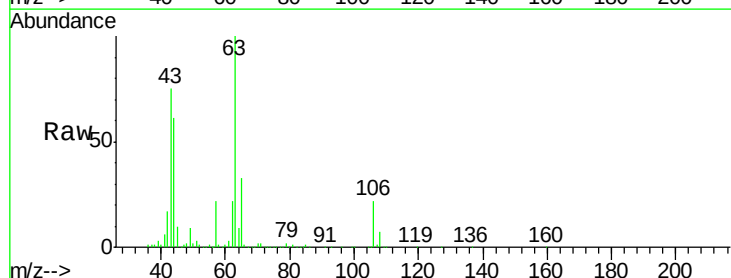
Acq: 09 Mar 2020 16:57

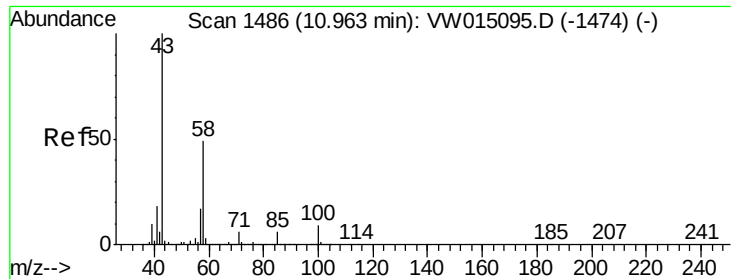
Tgt Ion: 63 Resp: 341208

Ion Ratio Lower Upper

63 100

106 22.3 18.0 27.0





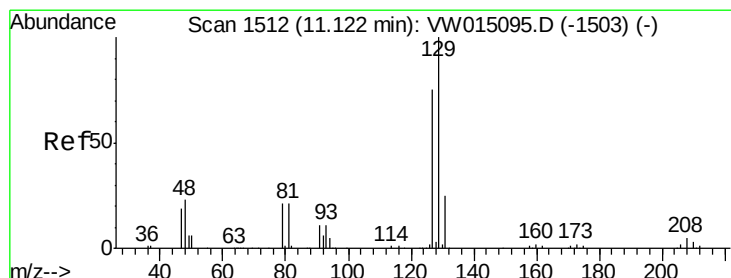
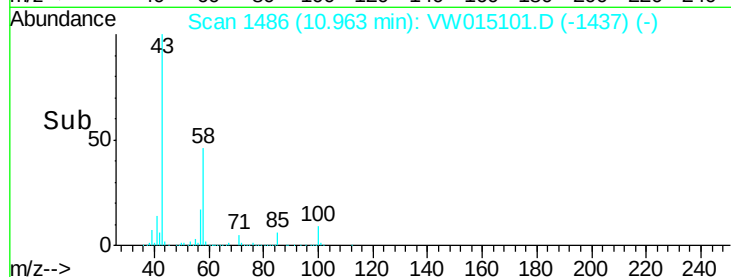
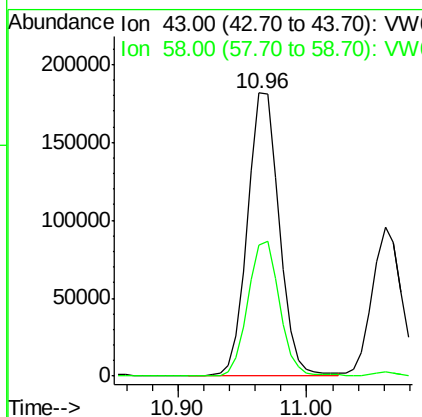
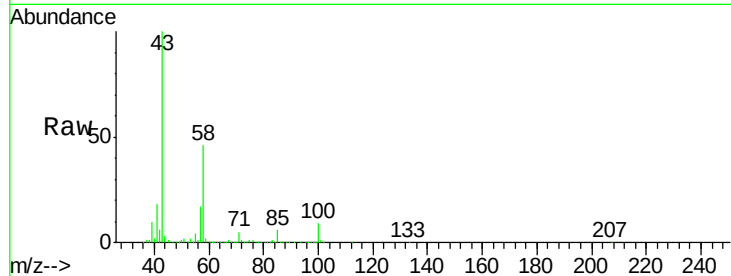
#59
2-Hexanone
Concen: 90.241 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion: 43 Resp: 308393
Ion Ratio Lower Upper
43 100
58 47.5 24.6 73.8

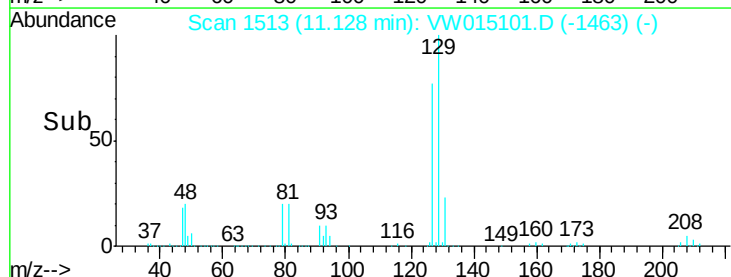
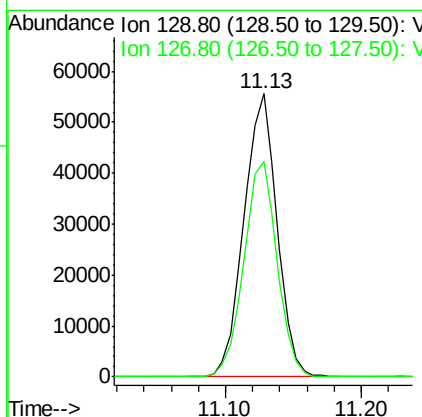
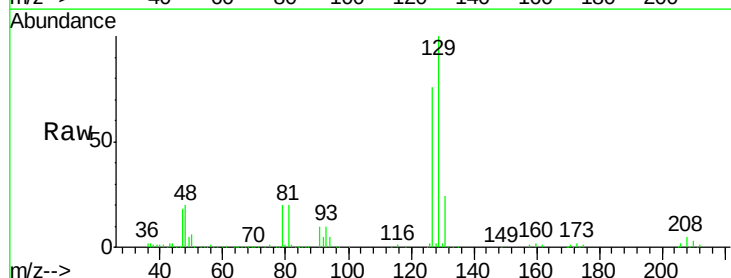
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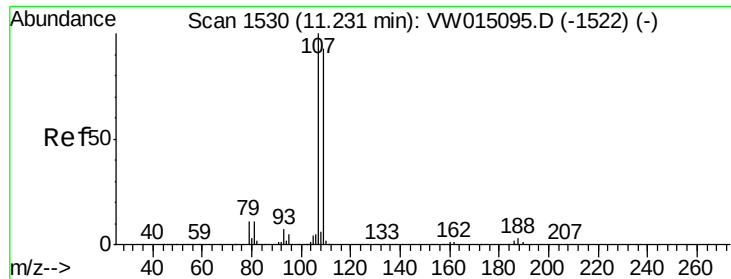
MMDadoda
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#60
Dibromochloromethane
Concen: 19.789 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 129 Resp: 94874
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1





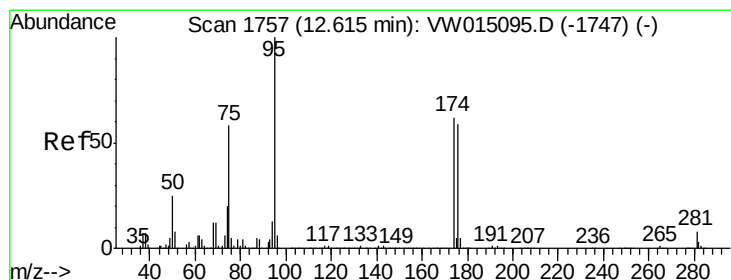
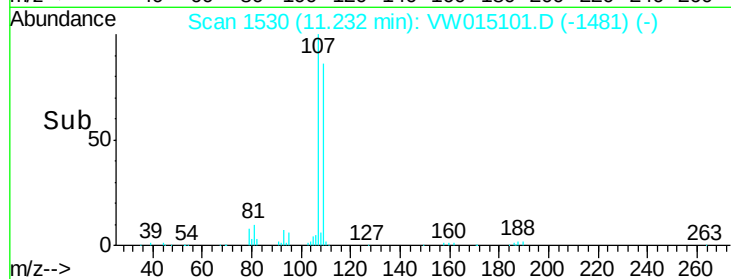
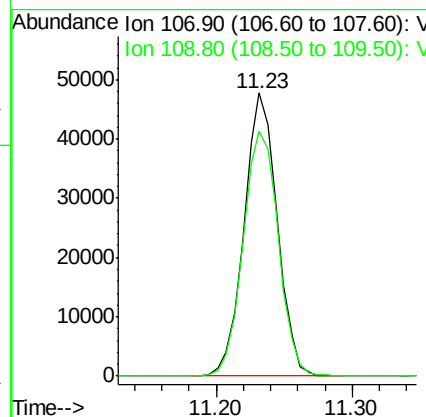
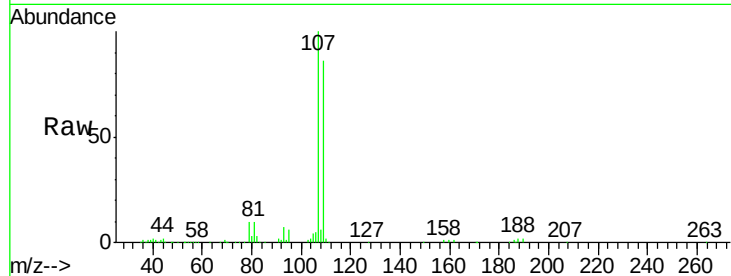
#61
 1,2-Dibromoethane
 Concen: 19.784 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.0	75.3	112.9

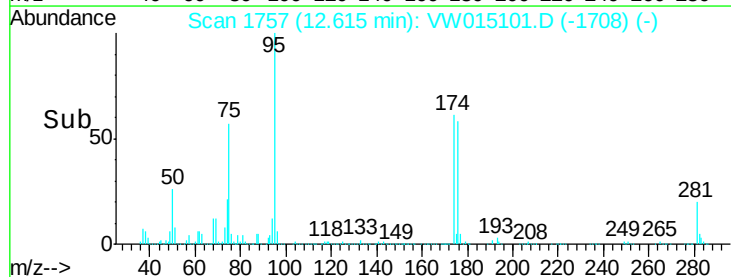
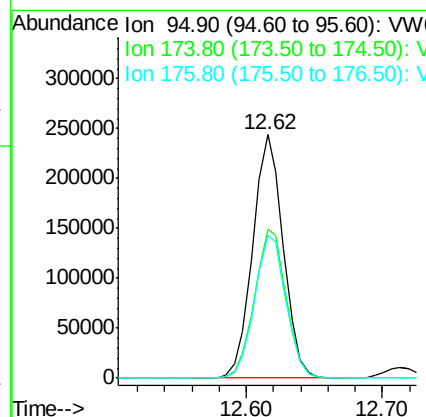
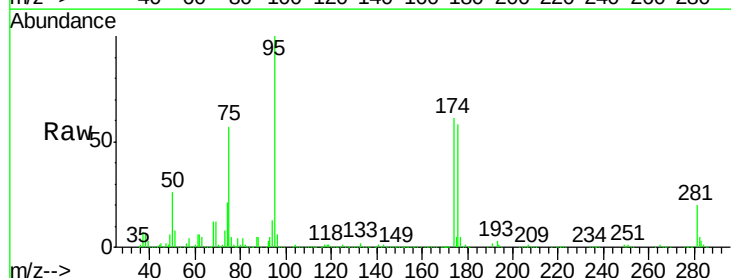
Manual Integrations
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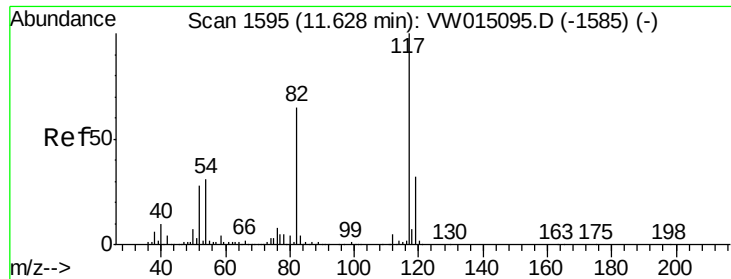
MMDadoda
 3/11/2020 3:24:09 PM



#62
 4-Bromofluorobenzene
 Concen: 51.139 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.2	0.0	126.8
176	60.5	0.0	121.6





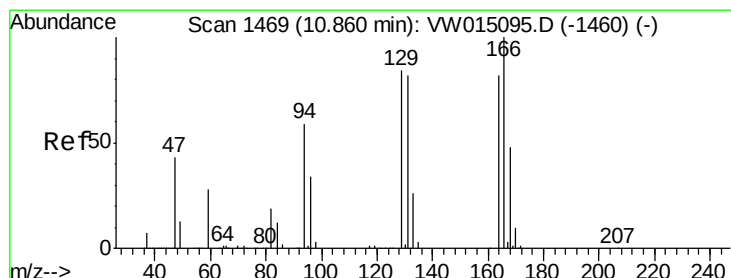
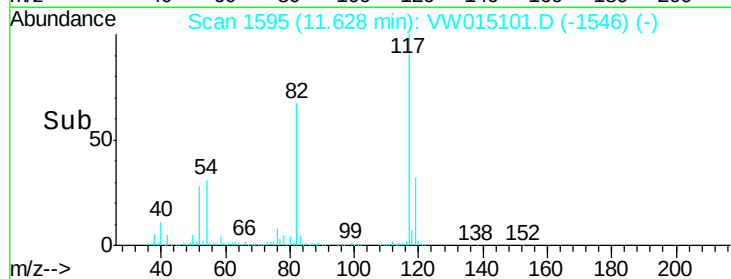
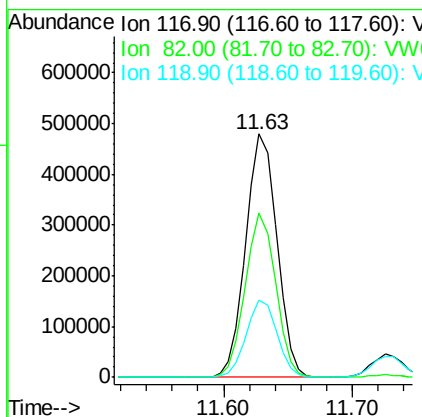
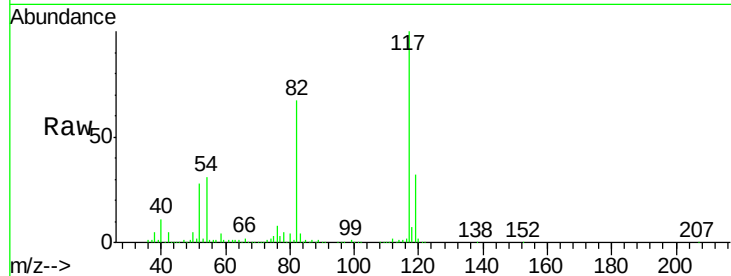
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.3	52.2	78.2
119	31.9	25.4	38.0

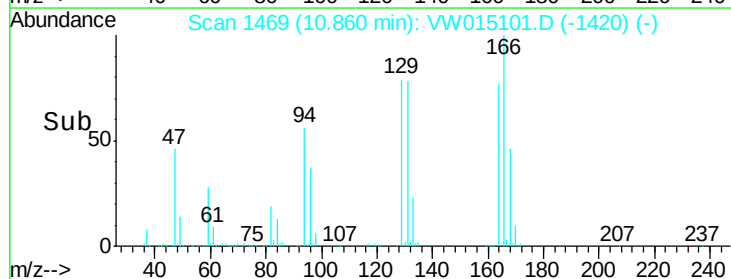
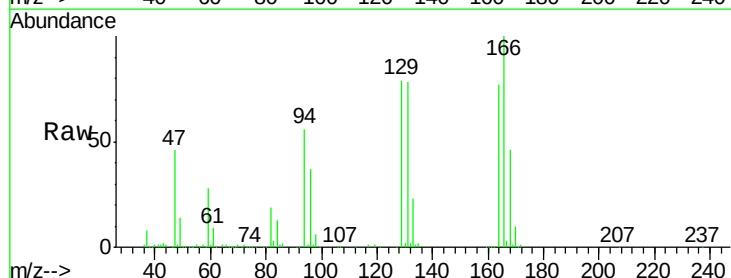
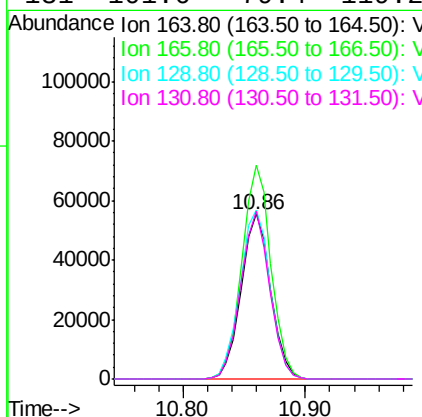
Manual Integrations
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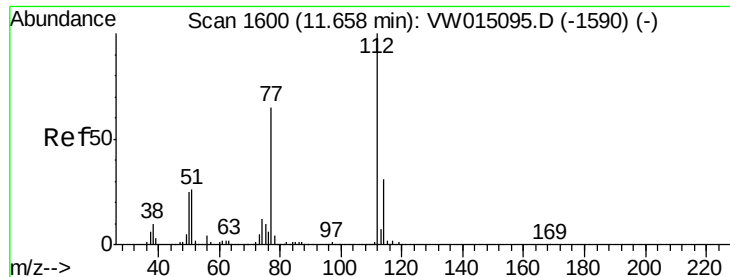
MMDadoda
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#64
Tetrachloroethene
Concen: 20.039 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	97.0	145.6
129	102.3	81.2	121.8
131	101.6	79.4	119.2





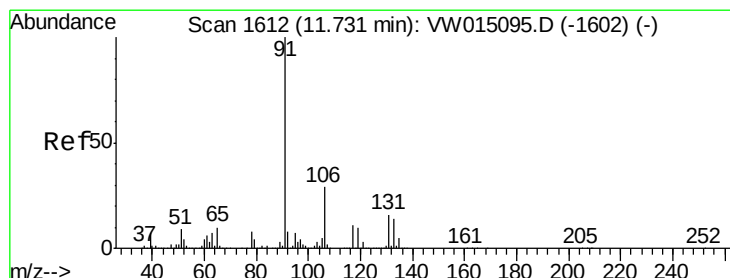
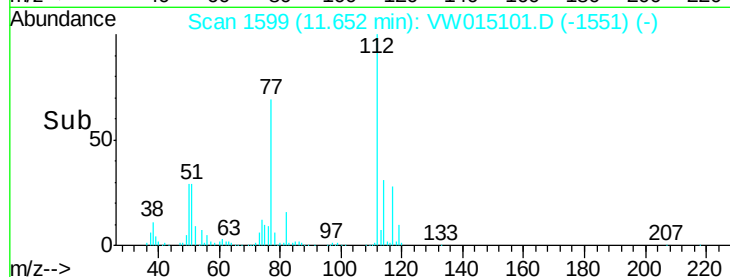
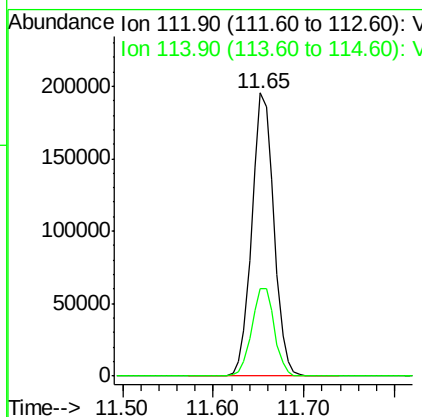
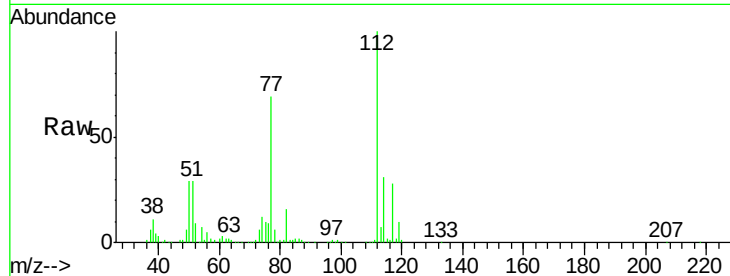
#65
Chlorobenzene
Concen: 20.347 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.0	37.6

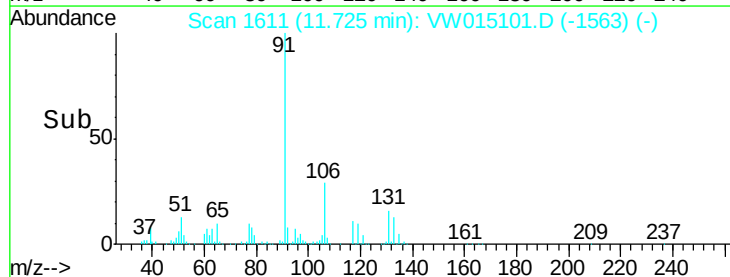
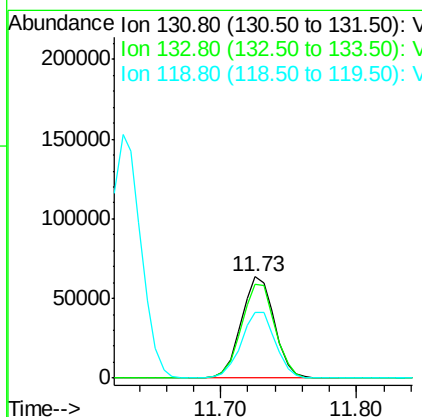
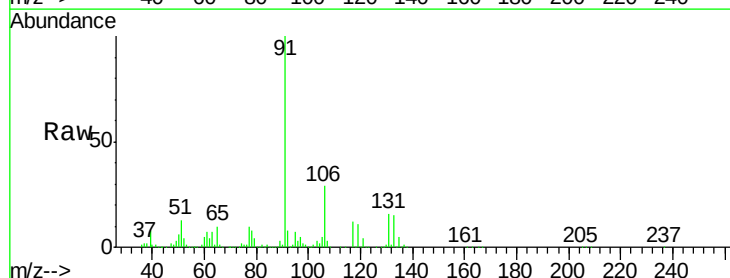
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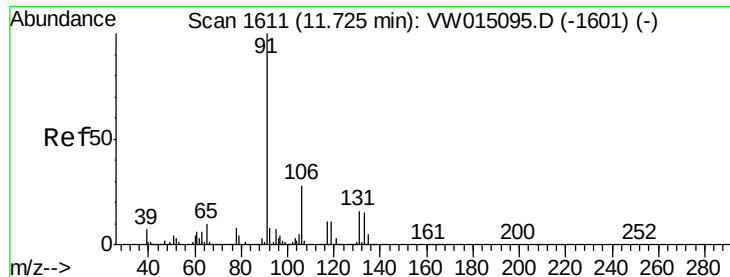
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.159 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.3	141.8
119	67.1	34.0	101.8





#67

Ethyl Benzene

Concen: 20.840 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBS01

Tot Ion: 91 Resp: 653917

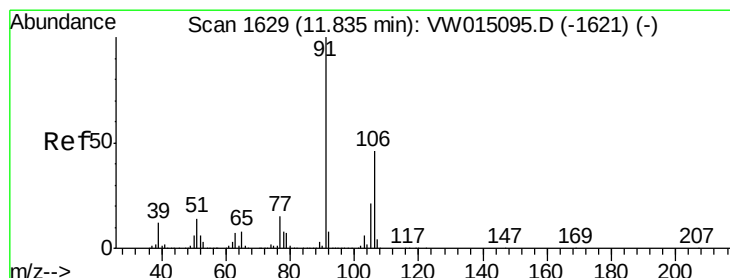
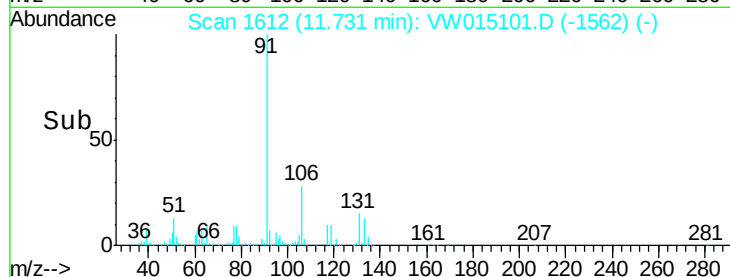
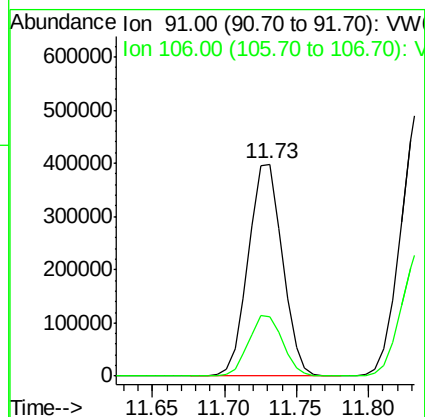
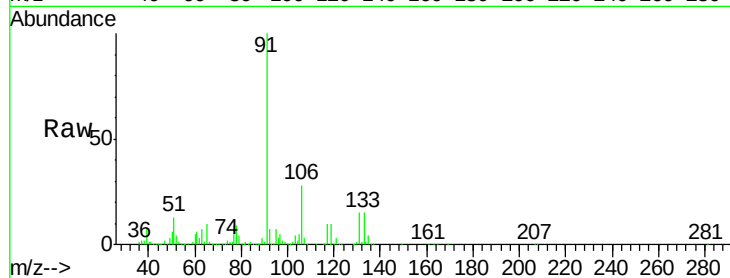
Ion Ratio Lower Upper

91 100

106 28.2 22.8 34.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 42.325 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW015101.D

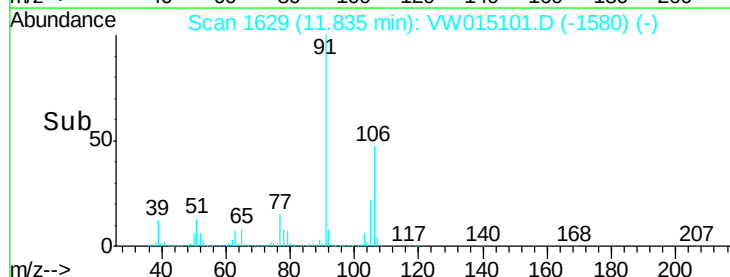
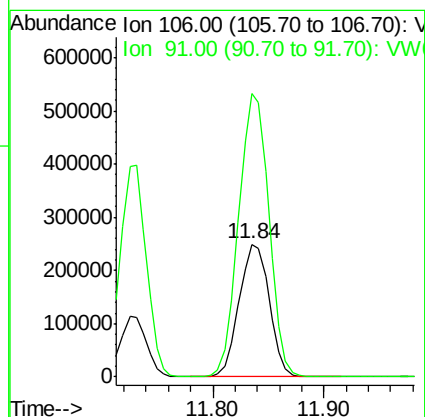
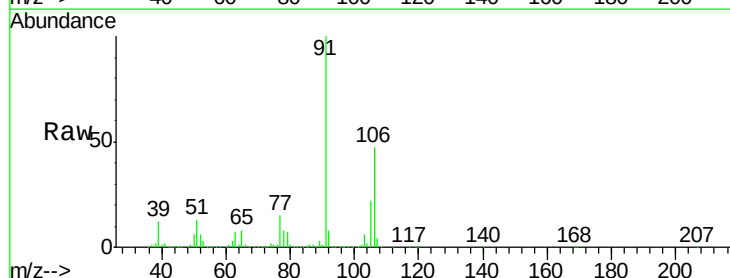
Acq: 09 Mar 2020 16:57

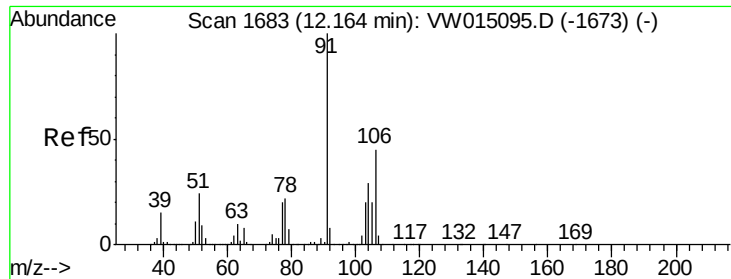
Tgt Ion: 106 Resp: 469496

Ion Ratio Lower Upper

106 100

91 213.5 172.3 258.5





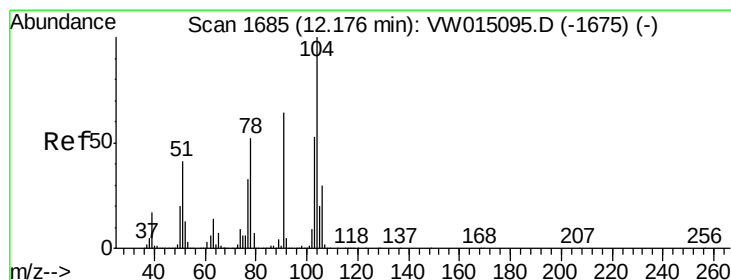
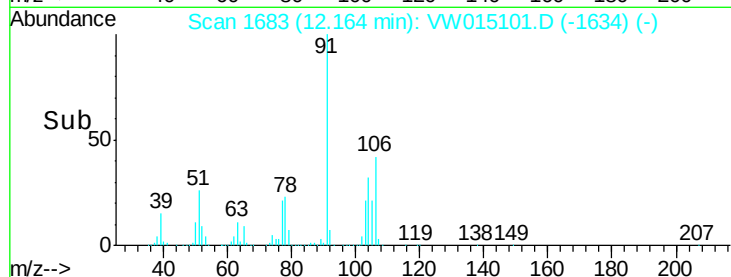
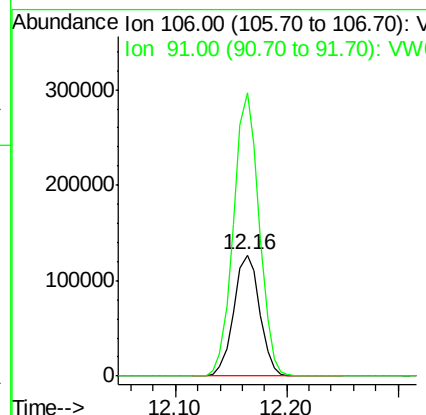
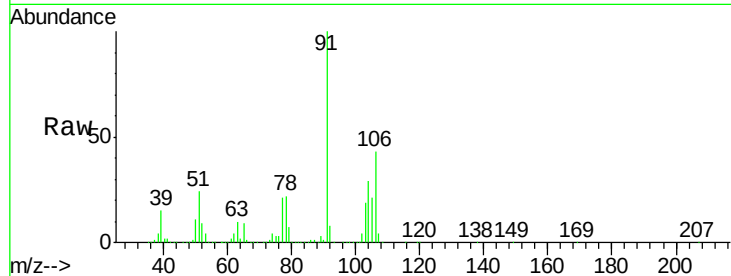
#69
o-Xylene
Concen: 20.454 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	231.6	112.6	337.8	

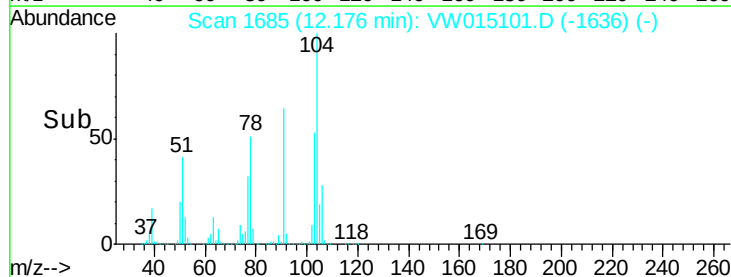
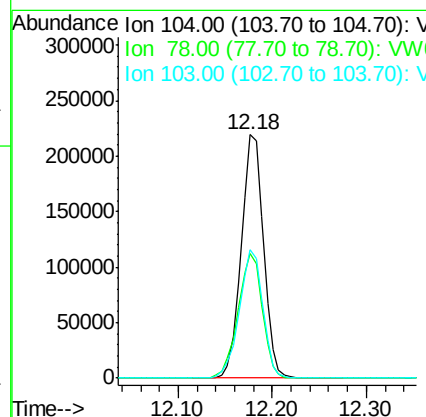
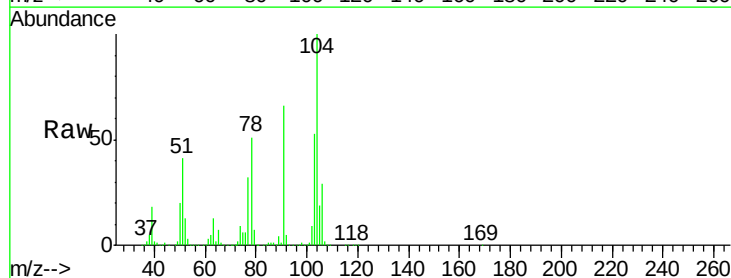
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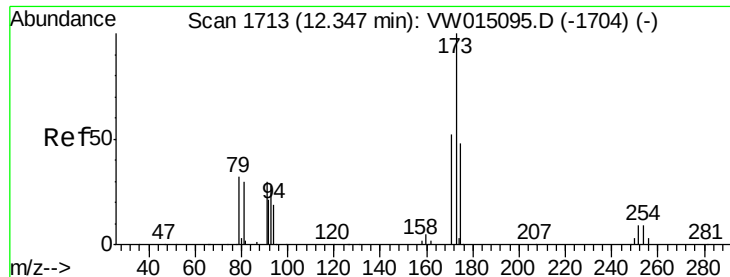
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#70
Styrene
Concen: 21.064 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	55.8	44.7	67.1	
103	55.7	44.7	67.1	





#71

Bromoform

Concen: 18.988 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

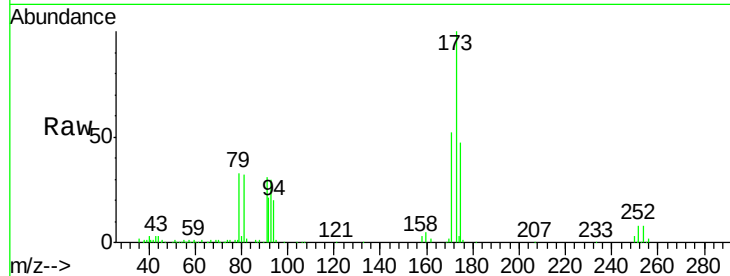
ClientSampled :

VW0309SBSD01

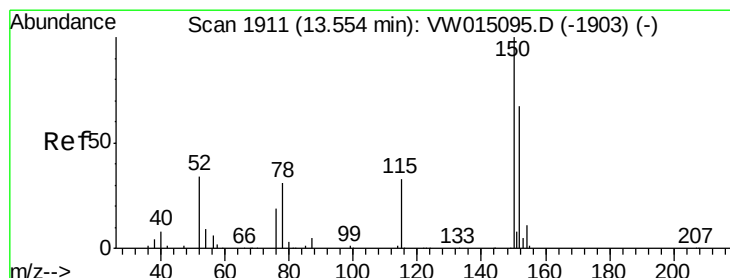
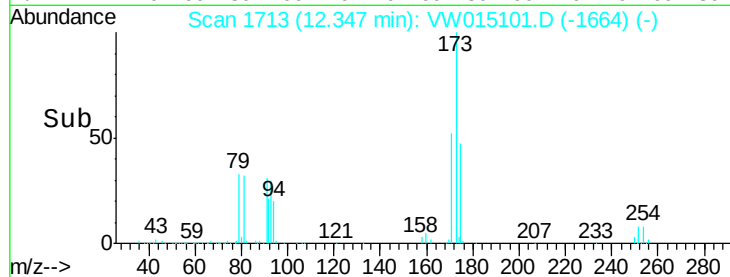
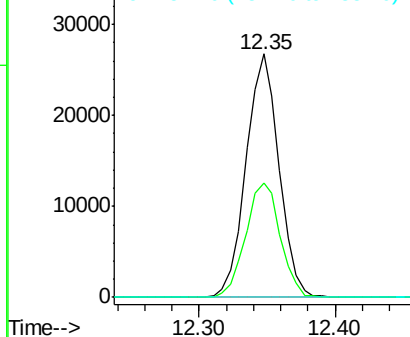
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.8	71.4
254	0.0	0.1	0.1

Manual Integrations
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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

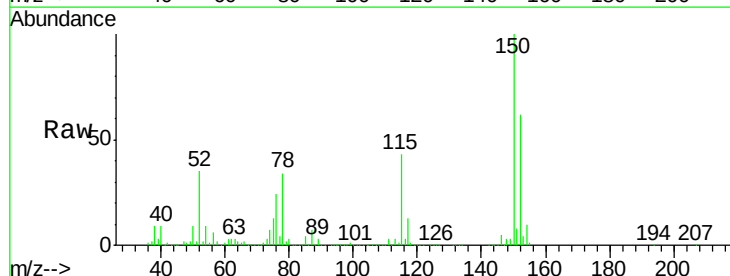
RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

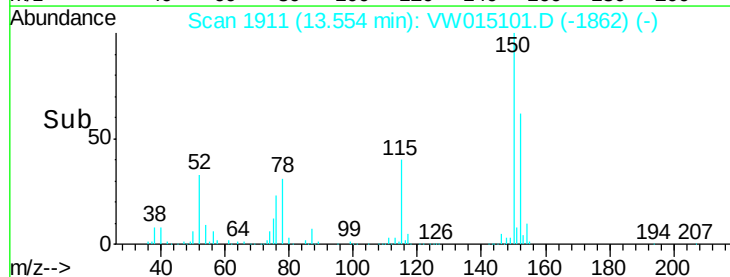
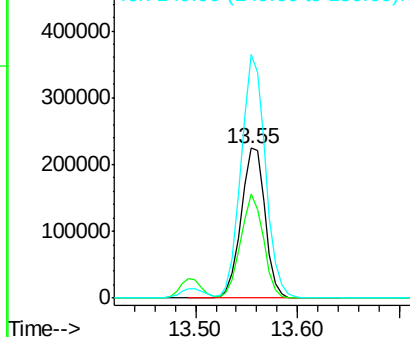
Lab File: VW015101.D

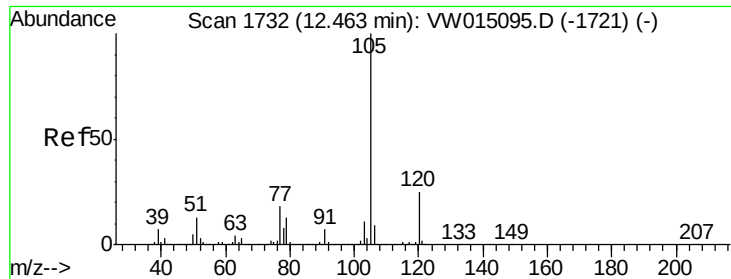
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	33.3	99.9
150	165.4	0.0	351.2



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





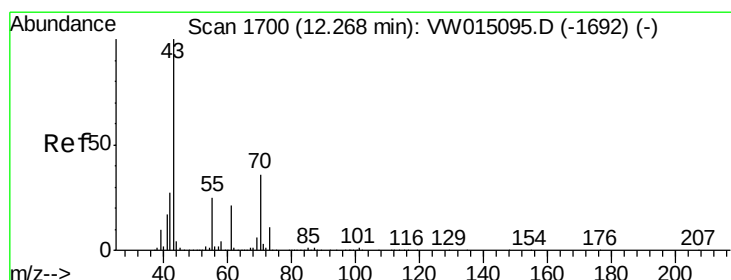
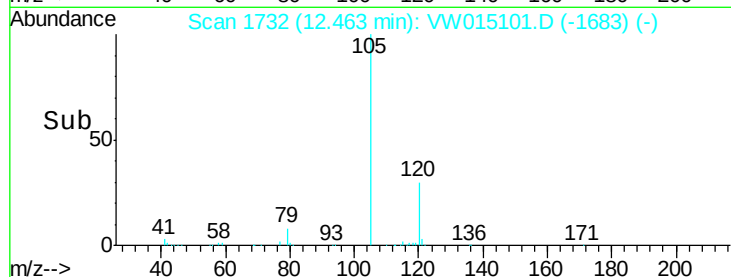
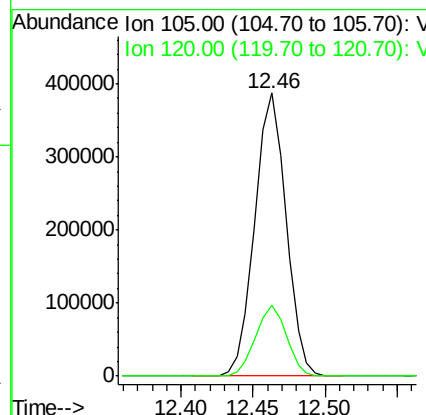
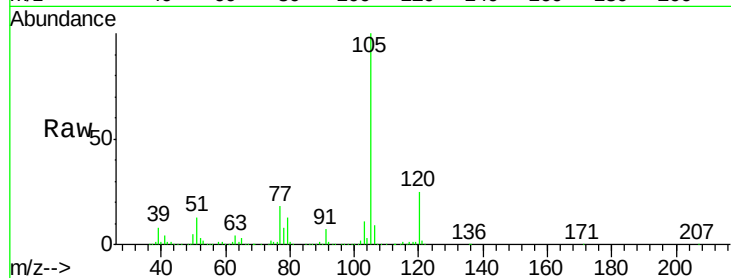
#73
Isopropylbenzene
Concen: 20.957 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.0	12.6	37.8

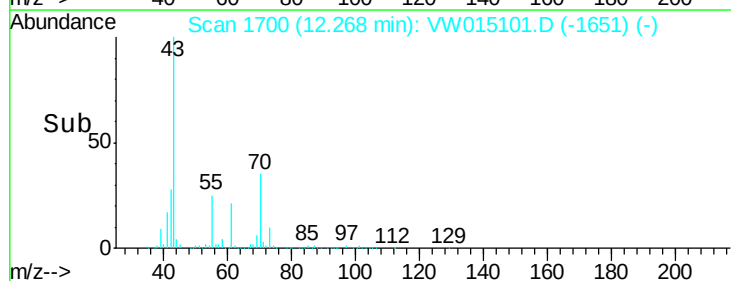
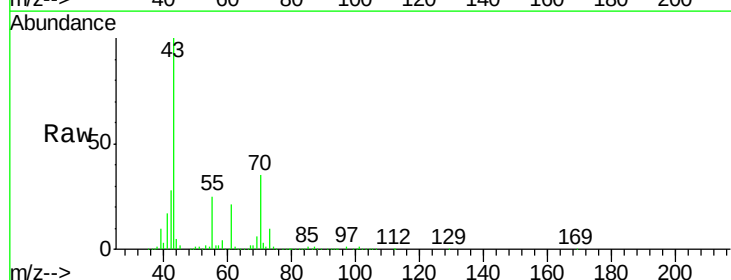
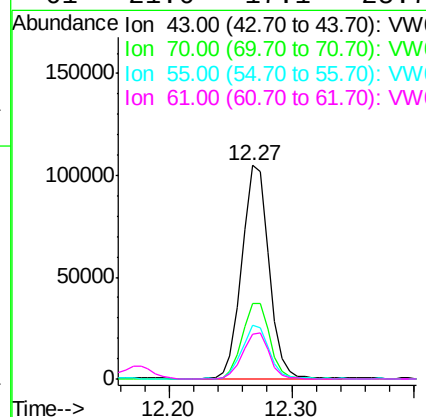
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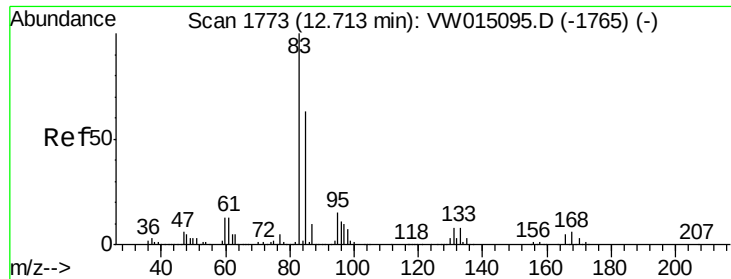
MMDadoda
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#74
N-ethyl acetate
Concen: 19.203 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.1	29.4	44.2
55	25.8	20.3	30.5
61	21.6	17.1	25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.430 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

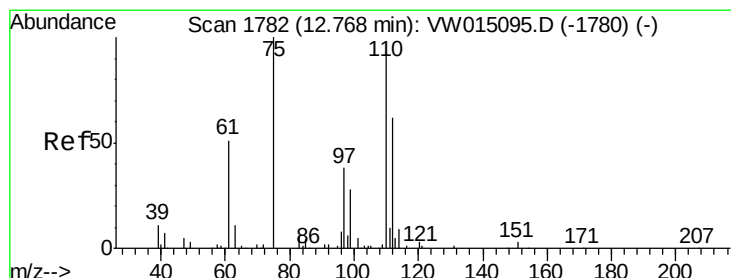
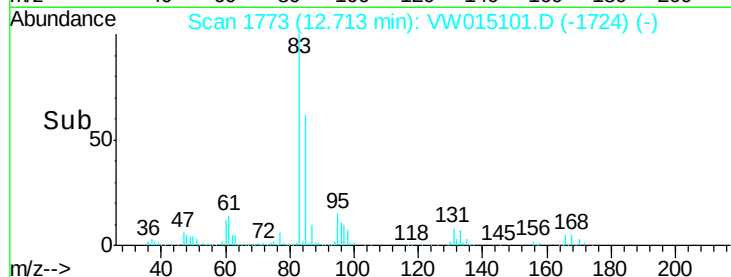
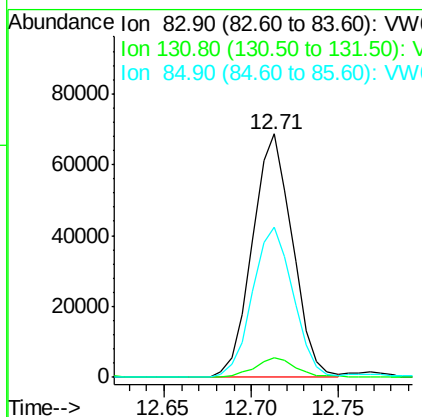
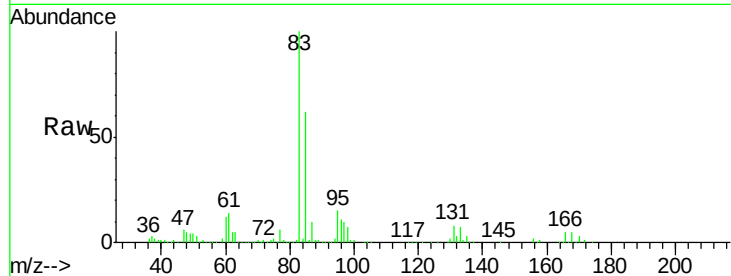
ClientSampleId :

VW0309SBS01

Tot Ion:	83	Resp:	109362
Ion Ratio	Lower	Upper	
83	100		
131	8.6	4.3	13.1
85	62.7	31.5	94.5

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#76

1,2,3-Trichloropropane

Concen: 20.557 ug/l m

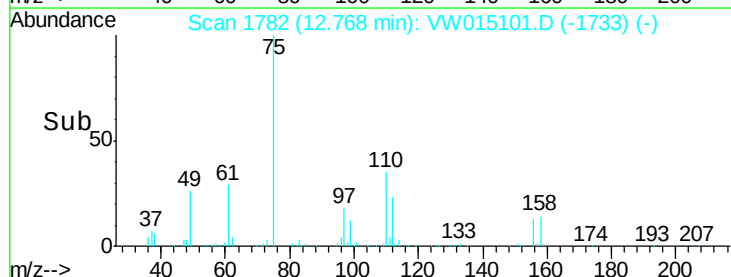
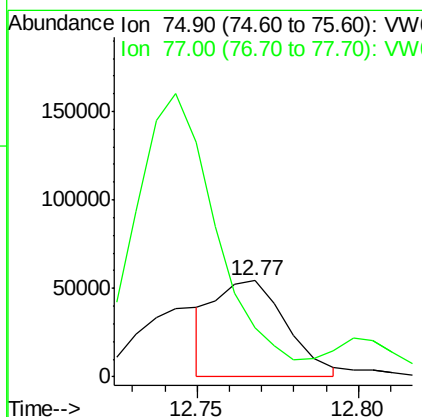
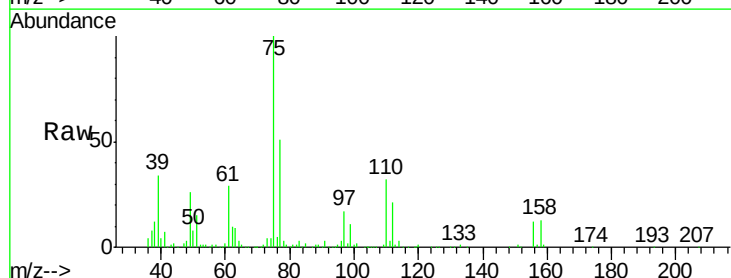
RT: 12.77 min Scan# 1782

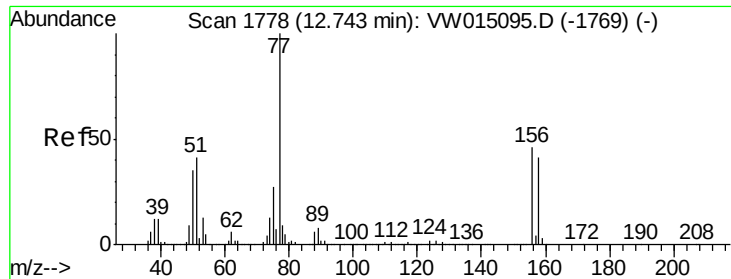
Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	75	Resp:	84306
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.675 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

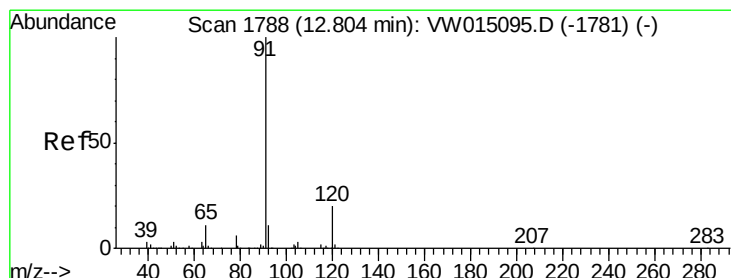
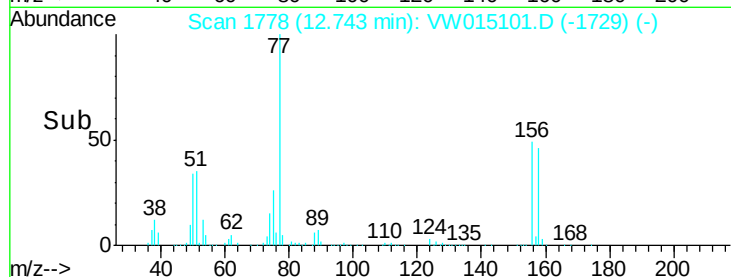
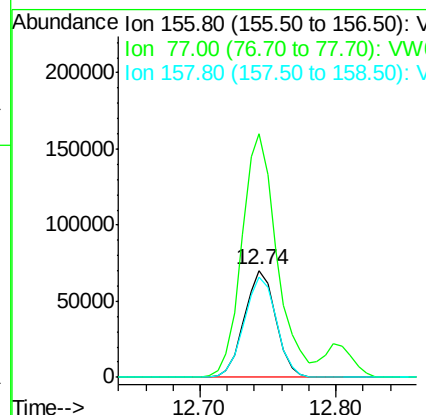
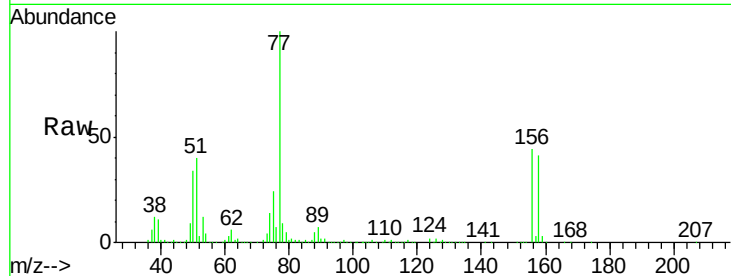
ClientSampleId :

VW0309SBSD01

Tot Ion:	156	Resp:	113269
Ion	Ratio	Lower	Upper
156	100		
77	251.8	126.6	379.8
158	96.2	47.4	142.2

Manual Integrations
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#78

n-propylbenzene

Concen: 21.533 ug/l

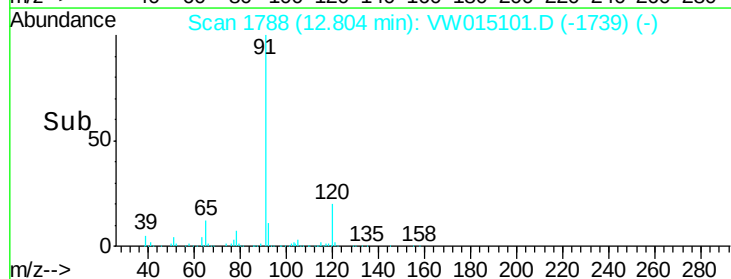
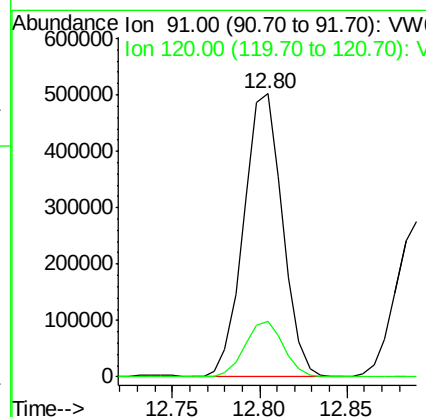
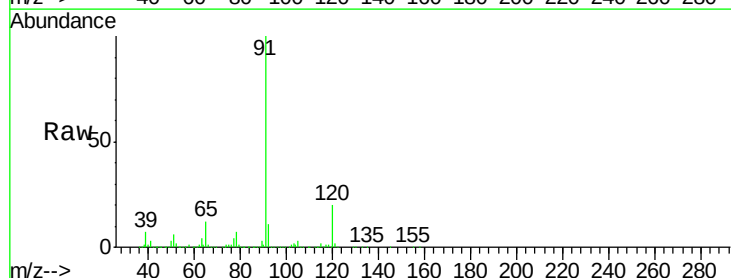
RT: 12.80 min Scan# 1788

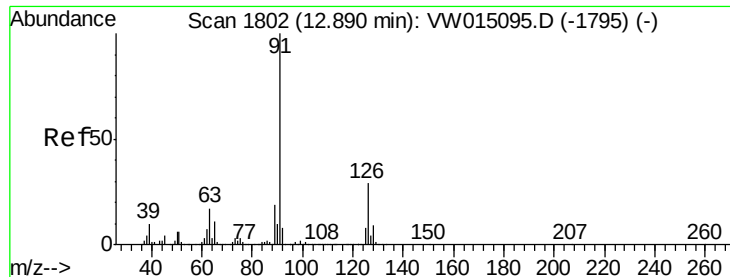
Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	91	Resp:	775694
Ion	Ratio	Lower	Upper
91	100		
120	19.6	10.2	30.4





#79

2-Chlorotoluene

Concen: 21.299 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

Tot Ion: 91 Resp: 431380

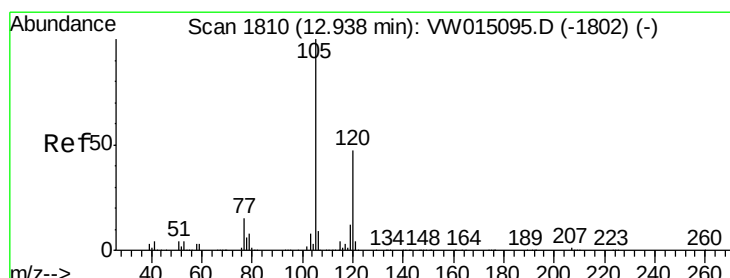
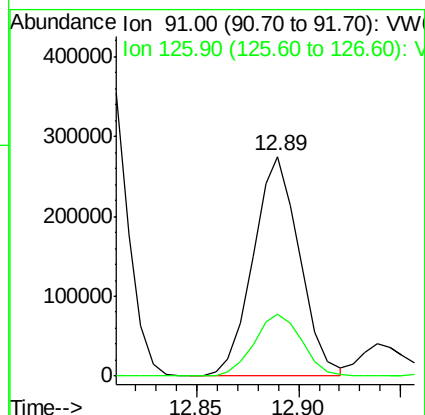
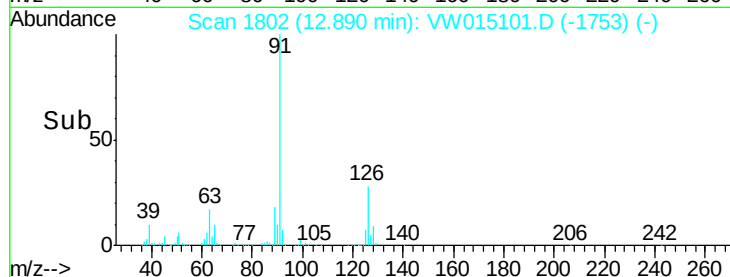
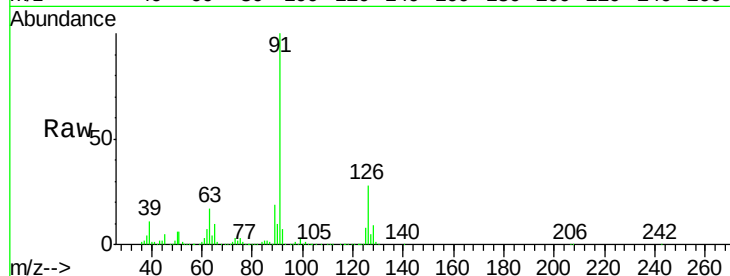
Ion Ratio Lower Upper

91 100

126 29.3 14.5 43.6

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 21.296 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW015101.D

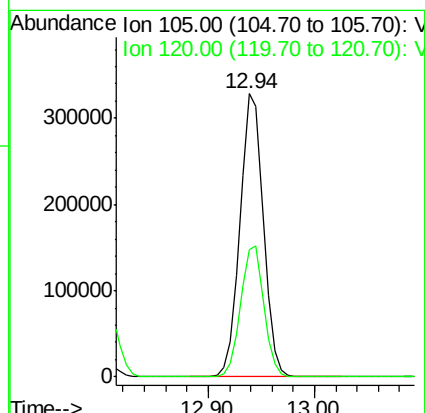
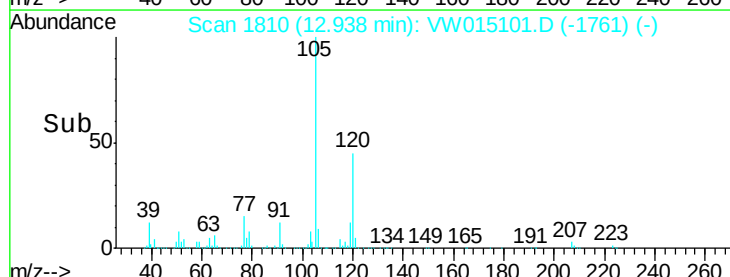
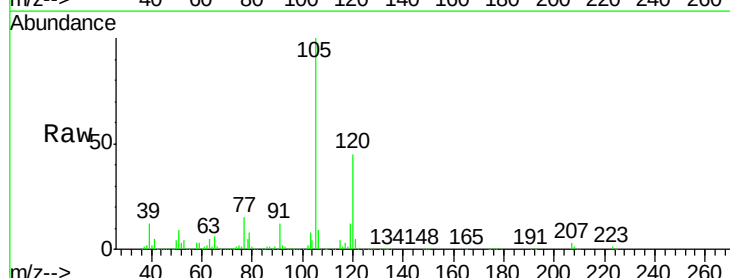
Acq: 09 Mar 2020 16:57

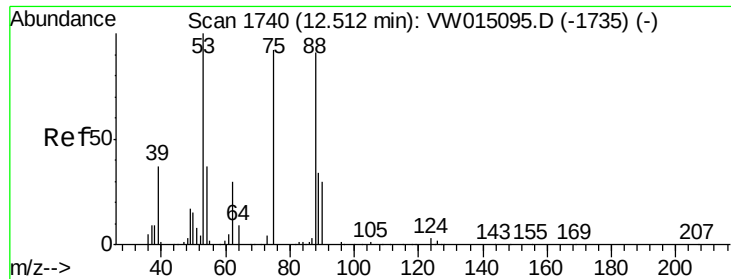
Tgt Ion: 105 Resp: 507554

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.8





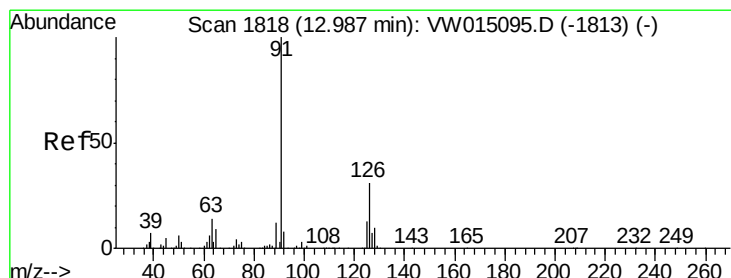
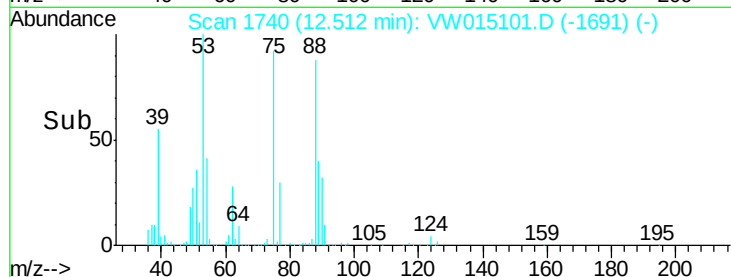
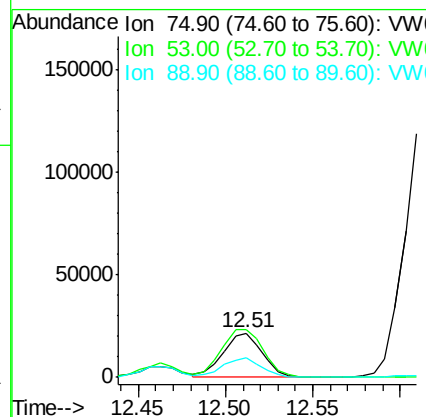
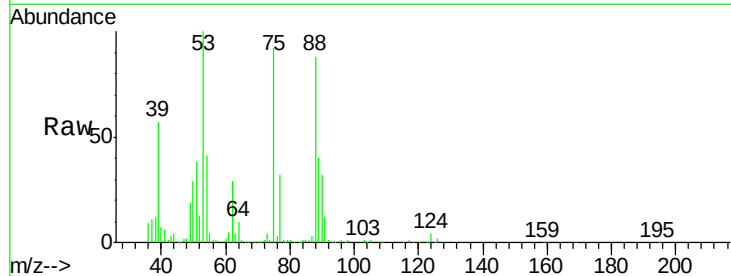
#81
trans-1,4-Dichloro-2-butene
Concen: 18.300 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.1	88.4	132.6
89	44.8	33.1	49.7

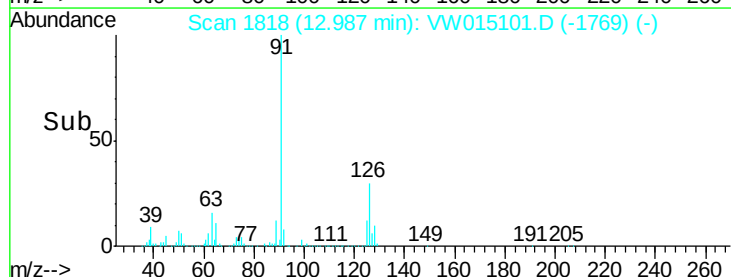
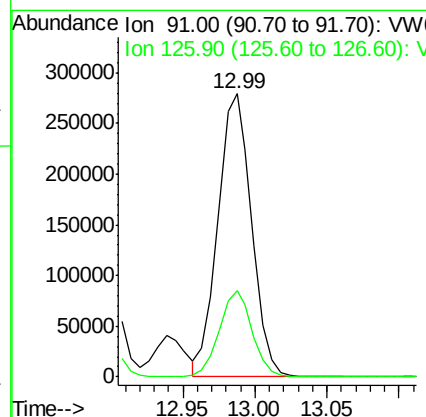
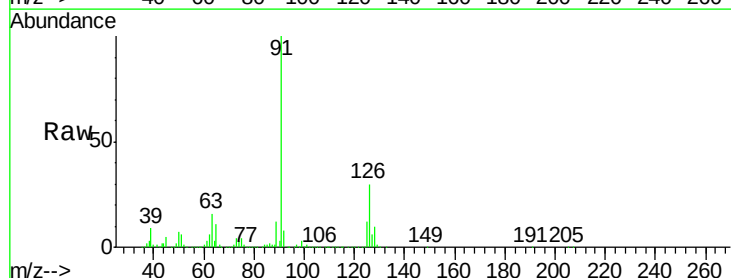
Manual Integrations
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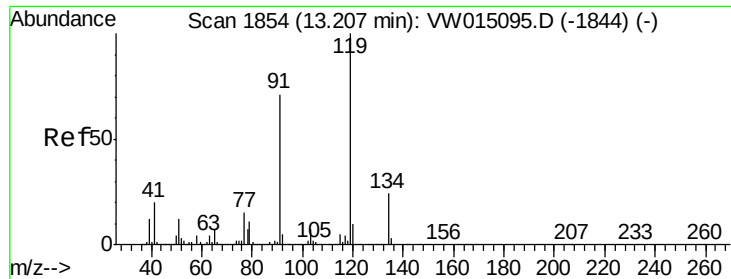
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#82
4-Chlorotoluene
Concen: 21.066 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.8	44.4





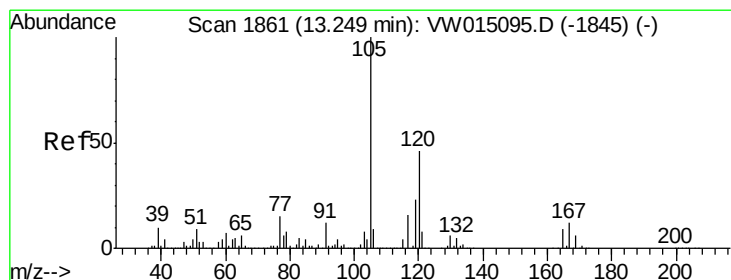
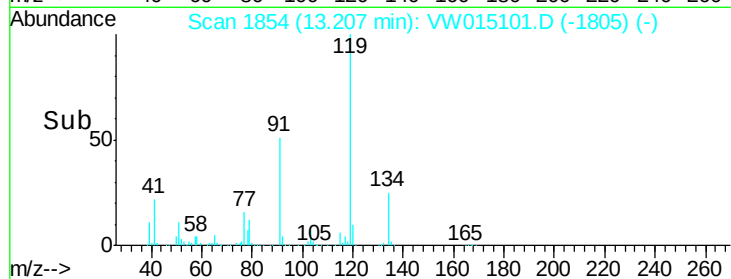
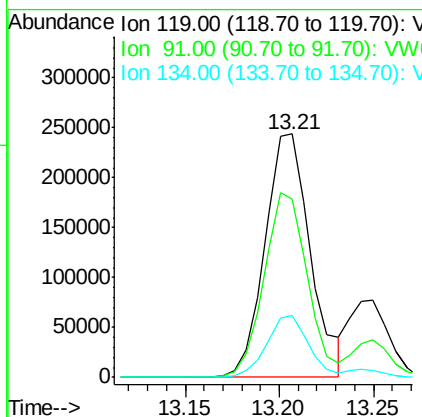
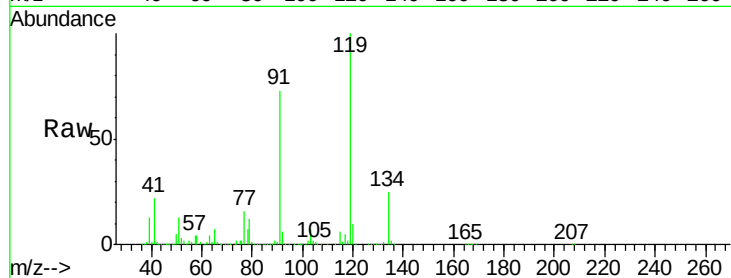
#83
 tert-Butylbenzene
 Concen: 21.121 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.4	35.7	107.1
134	23.6	12.7	38.1

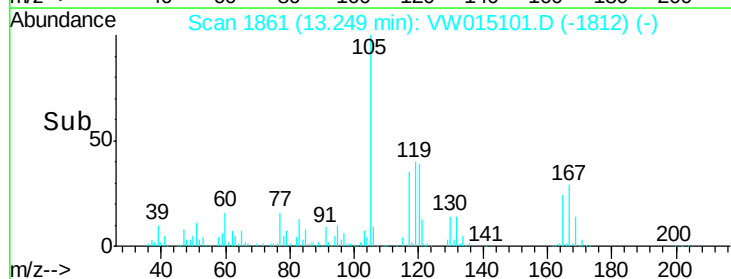
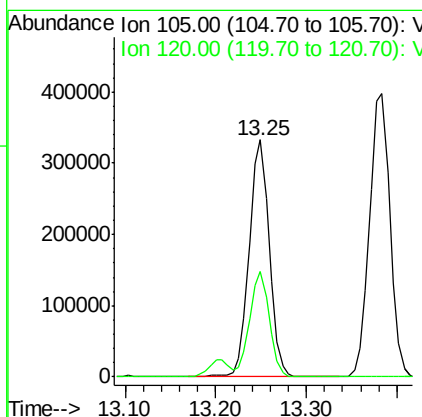
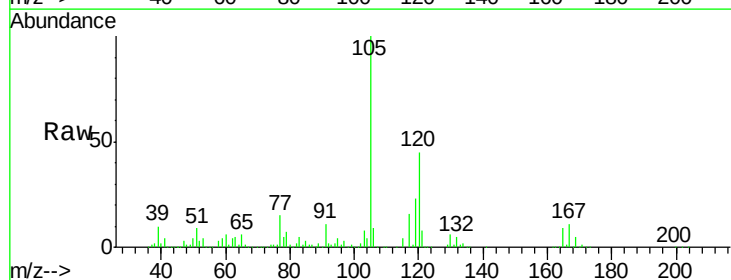
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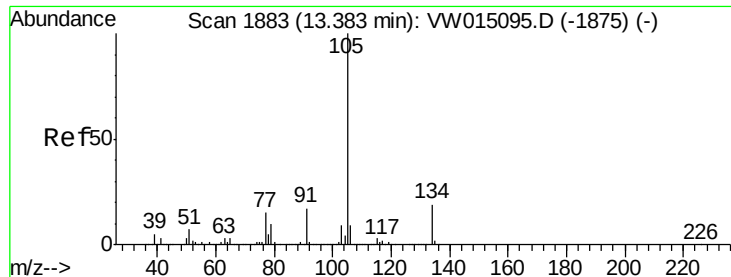
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.497 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.3





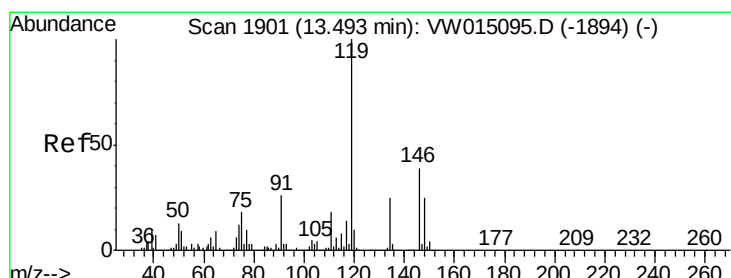
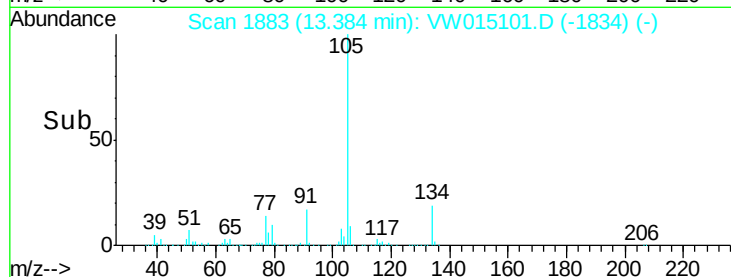
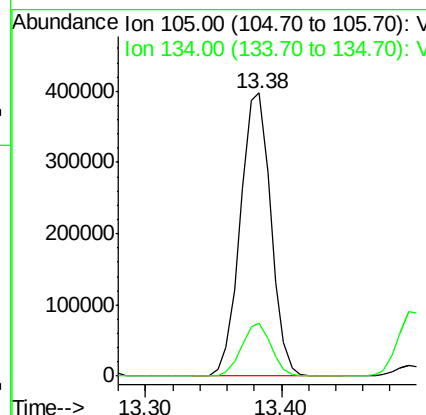
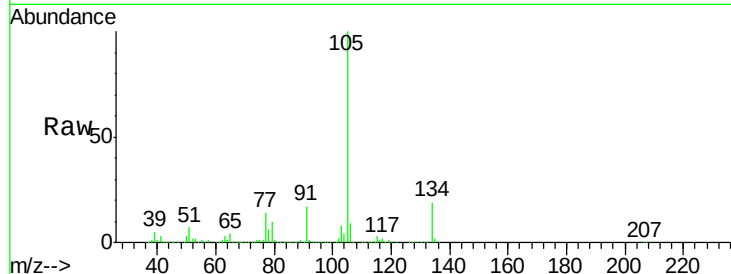
#85
 sec-Butylbenzene
 Concen: 21.267 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.2	9.0	27.1

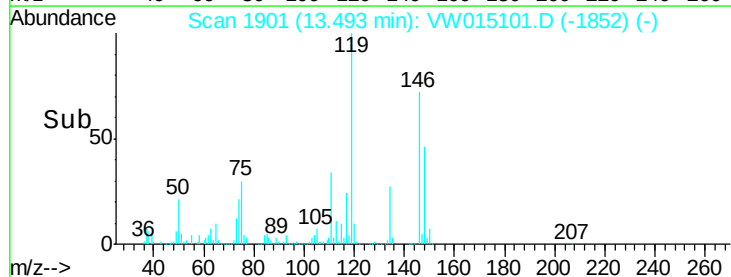
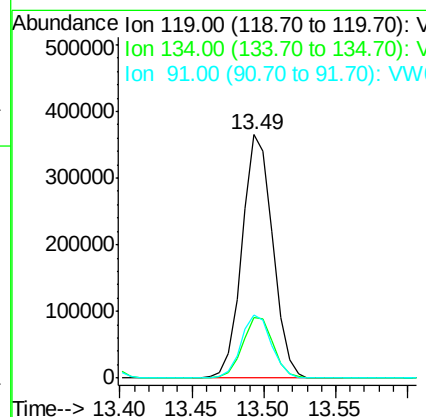
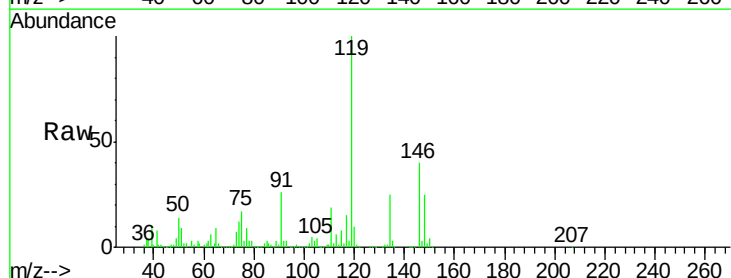
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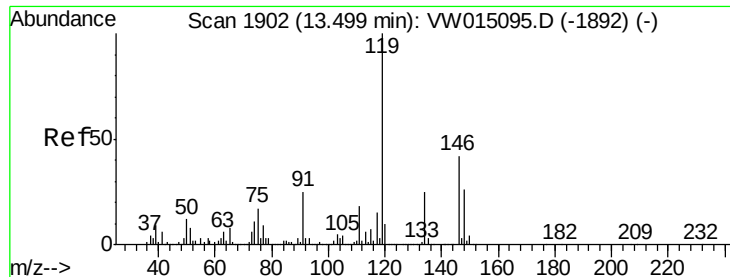
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#86
 p-Isopropyltoluene
 Concen: 21.359 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.6	37.8
91	26.0	12.9	38.6





#87

1,3-Dichlorobenzene

Concen: 20.711 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

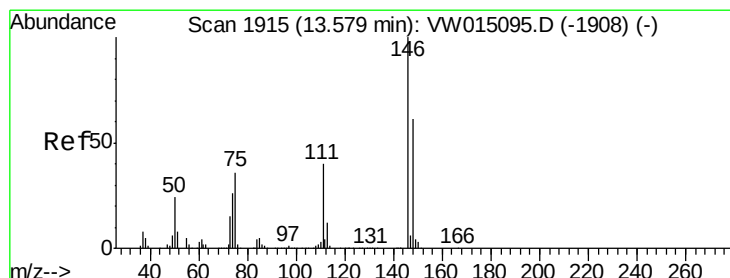
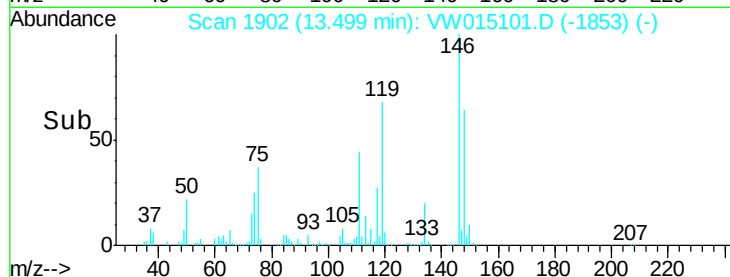
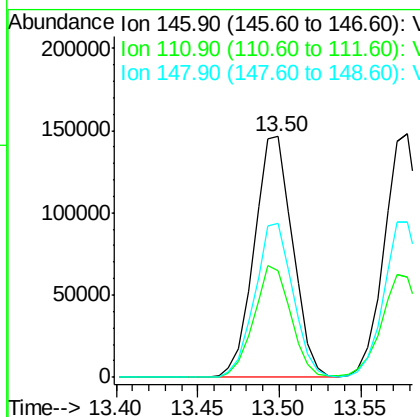
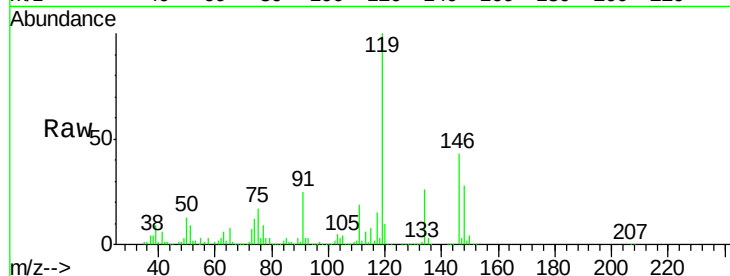
ClientSampleId :

VW0309SBSD01

Tot Ion:	146	Resp:	240412
Ion Ratio	Lower	Upper	
146	100		
111	44.6	22.5	67.5
148	63.4	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.730 ug/l

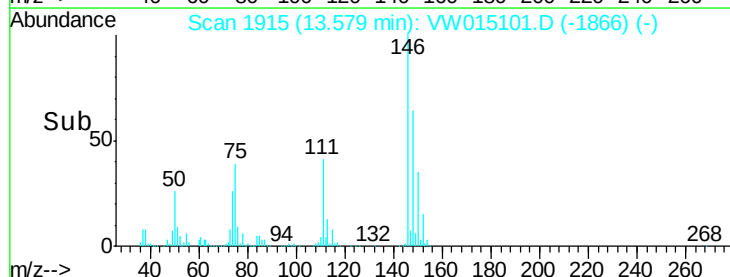
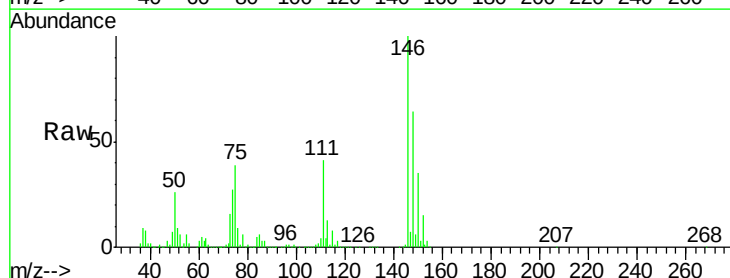
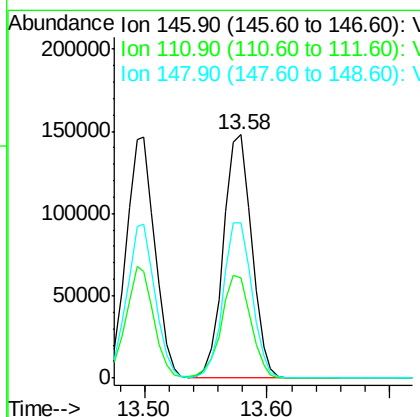
RT: 13.58 min Scan# 1915

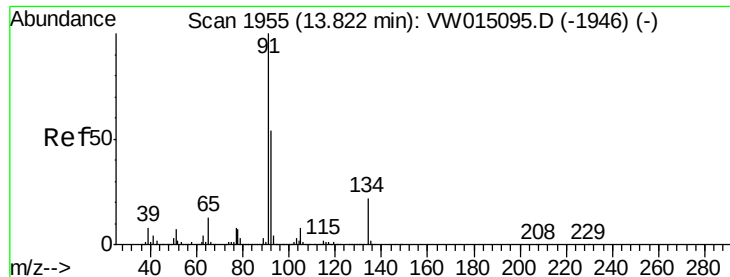
Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion:	146	Resp:	236946
Ion Ratio	Lower	Upper	
146	100		
111	44.4	21.3	63.9
148	64.8	31.6	94.8





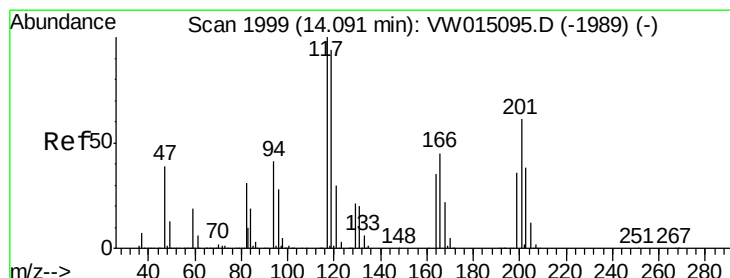
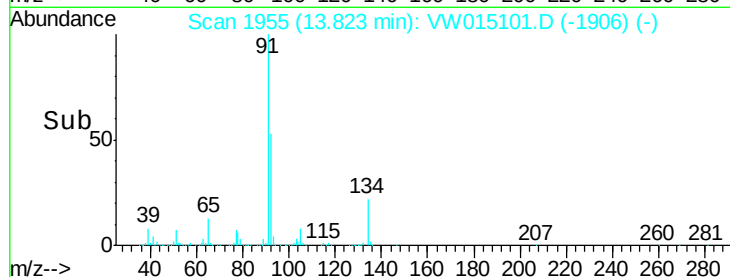
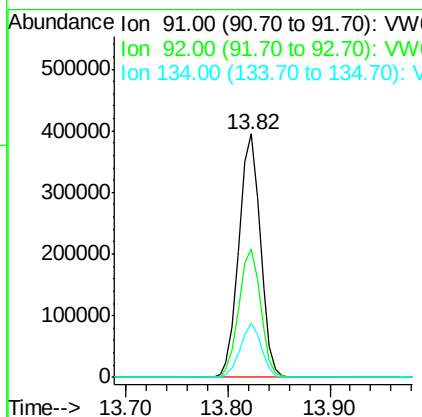
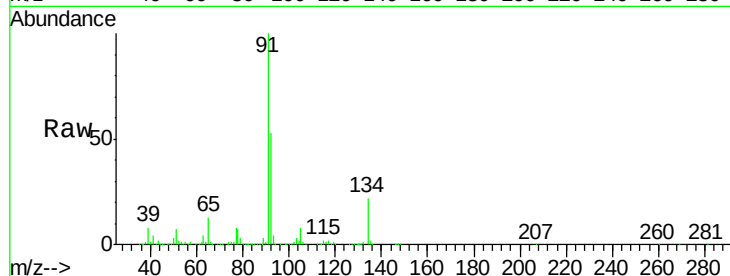
#89
n-Butylbenzene
Concen: 21.154 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.3
134	21.6	10.8	32.4

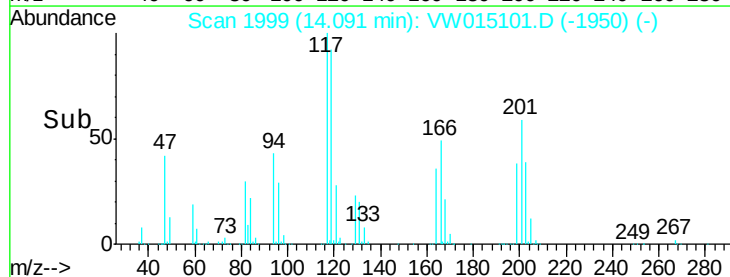
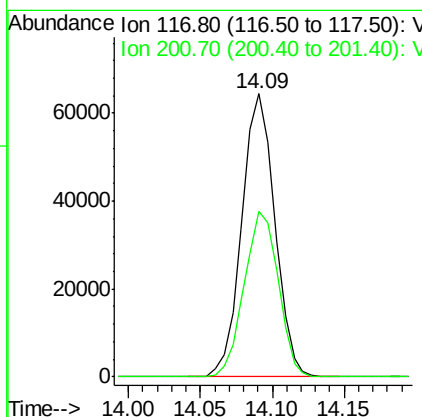
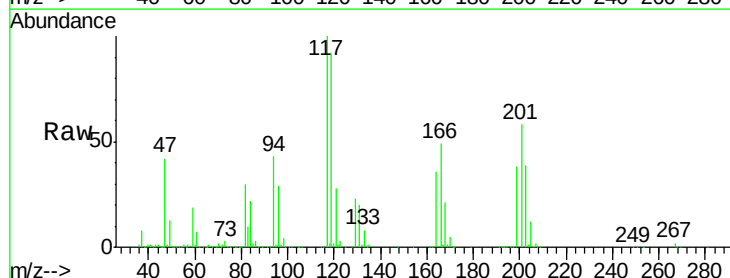
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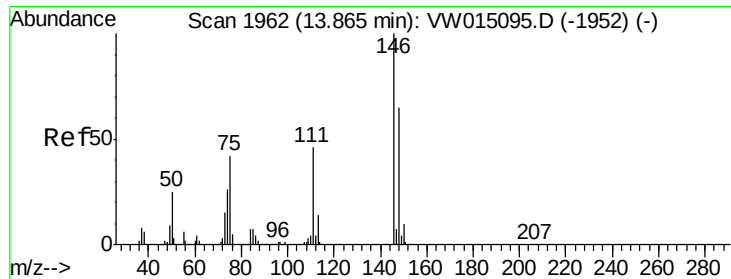
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#90
Hexachloroethane
Concen: 20.303 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.3	30.3	90.9





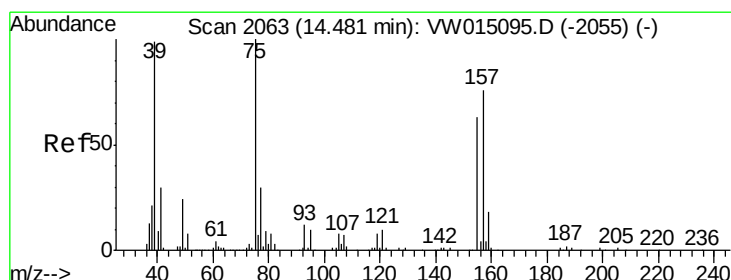
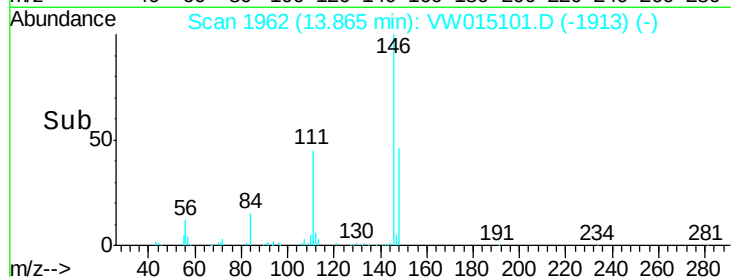
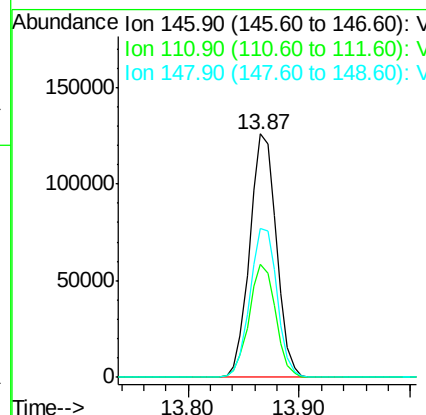
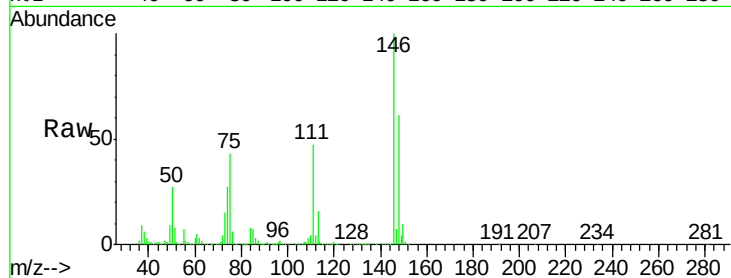
#91
1,2-Dichlorobenzene
Concen: 20.634 ug/l
RT: 13.87 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	23.1	69.2
148	62.3	32.3	96.9

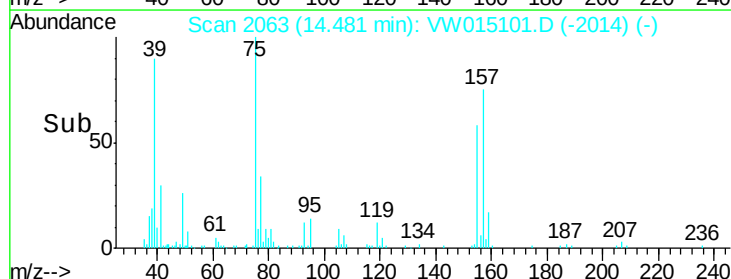
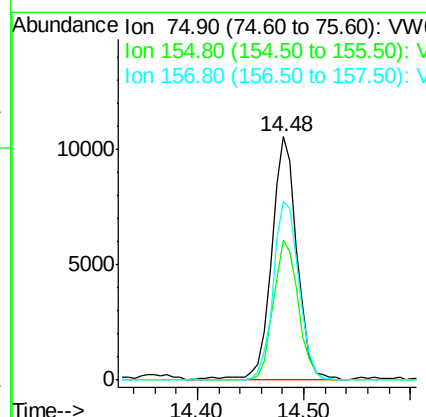
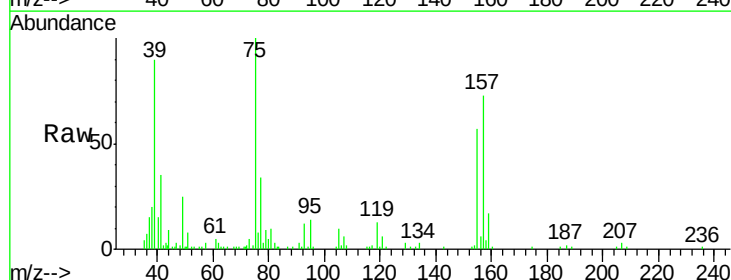
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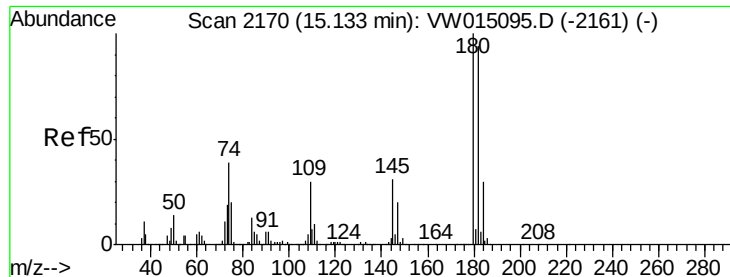
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.515 ug/l
RT: 14.48 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	56.2	32.1	96.3
157	74.1	39.6	118.7





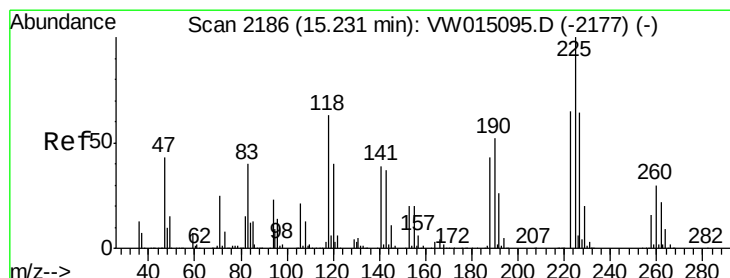
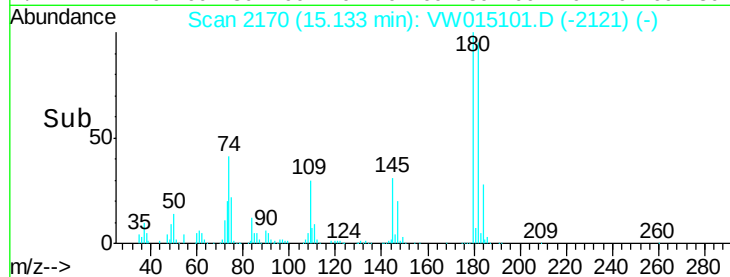
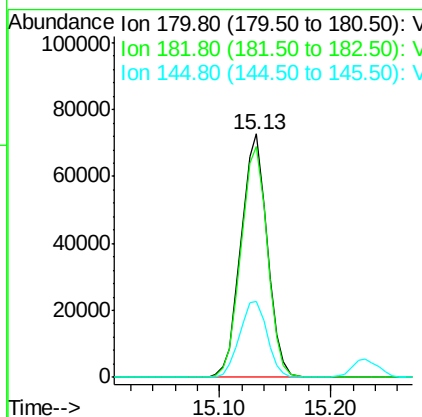
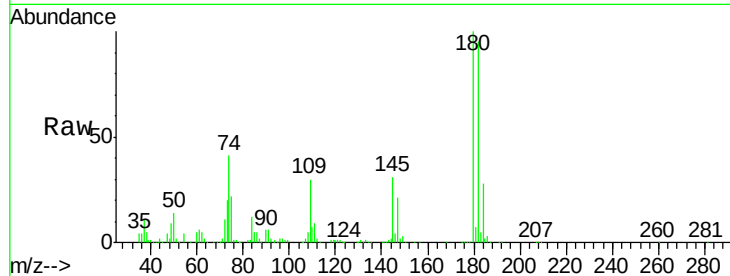
#93
 1,2,4-Trichlorobenzene
 Concen: 20.451 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118981		
182	95.8	47.6	142.9	
145	32.8	16.2	48.5	

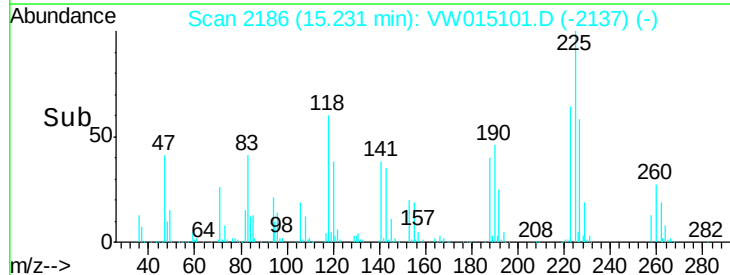
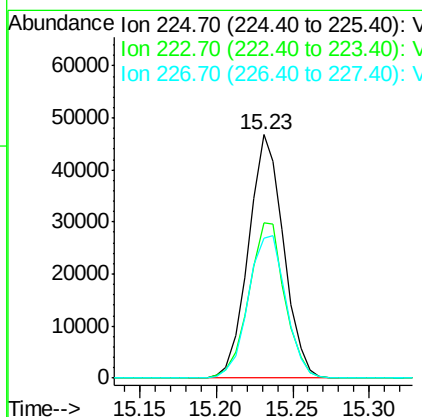
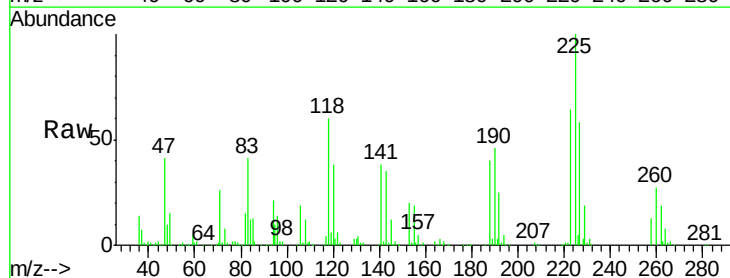
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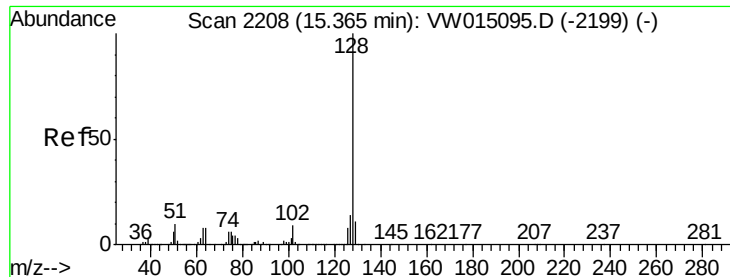
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 3/11/2020 3:24:09 PM



#94
 Hexachlorobutadiene
 Concen: 20.405 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74534		
223	65.3	32.5	97.4	
227	62.8	33.0	99.0	





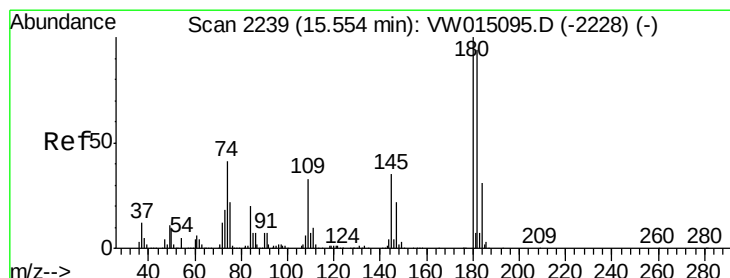
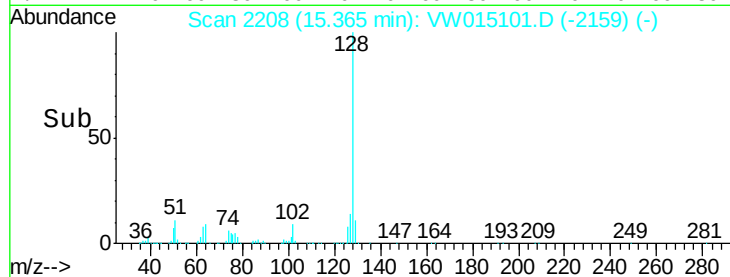
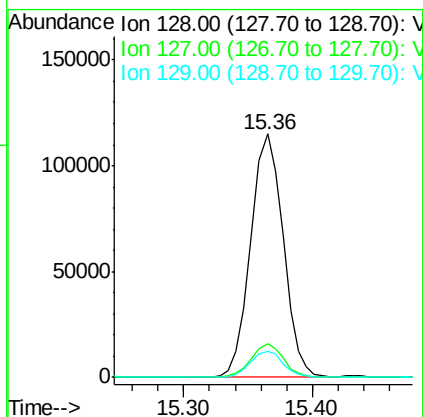
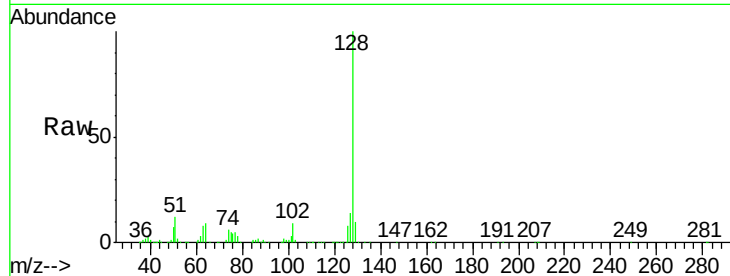
#95
Naphthalene
Concen: 17.972 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:24:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.558 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.7
145	34.5	17.5	52.6

