

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031020\
 Data File : VW015109.D
 Acq On : 10 Mar 2020 13:17
 Operator : SY/VA
 Sample : VW0310SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0310SBS01

Manual Integrations
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 3/11/2020 3:22:09 PM

Quant Time: Mar 11 09:09:36 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	410448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	770405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	690906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	311575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	318530	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
35) Dibromofluoromethane	7.88	113	244027	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.32	98	1049452	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
62) 4-Bromofluorobenzene	12.62	95	348418	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52528	21.106	ug/l	99
3) Chloromethane	2.21	50	117713	22.040	ug/l	98
4) Vinyl Chloride	2.36	62	154942	22.160	ug/l	99
5) Bromomethane	2.78	94	85934	21.501	ug/l	95
6) Chloroethane	2.92	64	87860	21.694	ug/l	98
7) Trichlorofluoromethane	3.26	101	82878	23.686	ug/l	96
8) Diethyl Ether	3.68	74	54657	20.500	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	118156	22.152	ug/l	99
10) Methyl Iodide	4.27	142	132343	22.302	ug/l	99
11) Tert butyl alcohol	5.16	59	37729	108.778	ug/l	100
12) 1,1-Dichloroethene	4.04	96	113988	21.858	ug/l	92
13) Acrolein	3.89	56	55748	109.900	ug/l	98
14) Allyl chloride	4.67	41	228061	21.822	ug/l	98
15) Acrylonitrile	5.37	53	139746	102.255	ug/l	99
16) Acetone	4.12	43	132327	96.142	ug/l	97
17) Carbon Disulfide	4.38	76	405550	21.934	ug/l	99
18) Methyl Acetate	4.67	43	66123	20.266	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	146353	21.922	ug/l	96
20) Methylene Chloride	4.91	84	136996	22.216	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	123365	22.280	ug/l	97
22) Diisopropyl ether	6.31	45	468160	23.346	ug/l	98
23) Vinyl Acetate	6.25	43	1258217	106.290	ug/l	99
24) 1,1-Dichloroethane	6.21	63	260866	22.308	ug/l	99
25) 2-Butanone	7.16	43	187480	99.361	ug/l	99
26) 2,2-Dichloropropane	7.16	77	154013	23.028	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	128103	22.223	ug/l	97
28) Bromochloromethane	7.51	49	115349	20.586	ug/l	98
29) Tetrahydrofuran	7.52	42	119035	100.858	ug/l	97
30) Chloroform	7.67	83	231302	22.289	ug/l	98
31) Cyclohexane	7.95	56	266372	22.148	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	184371	22.754	ug/l	98
36) 1,1-Dichloropropene	8.08	75	199943	22.379	ug/l	99
37) Ethyl Acetate	7.25	43	88169	19.801	ug/l	100
38) Carbon Tetrachloride	8.07	117	158136	21.743	ug/l	99

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Quant Time: Mar 11 09:09:36 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)
39) Methylcyclohexane	9.34	83	223848	21.913	ug/l	98
40) Benzene	8.32	78	559708	22.543	ug/l	100
41) Methacrylonitrile	7.48	41	50272	21.348	ug/l	92
42) 1,2-Dichloroethane	8.40	62	165019	21.816	ug/l	99
43) Isopropyl Acetate	8.42	43	162649	20.375	ug/l	99
44) Trichloroethene	9.09	130	114348	21.636	ug/l	99
45) 1,2-Dichloropropane	9.37	63	148489	22.207	ug/l	99
46) Dibromomethane	9.46	93	60997	20.980	ug/l	99
47) Bromodichloromethane	9.64	83	168318	21.684	ug/l	99
48) Methyl methacrylate	9.43	41	72666	19.392	ug/l	100
49) 1,4-Dioxane	9.45	88	17389	390.645	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	417851	94.767	ug/l	97
52) Toluene	10.38	92	318641	22.340	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	156634	20.511	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	198950	21.387	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	84586	21.232	ug/l	98
56) Ethyl methacrylate	10.65	69	99557	18.665	ug/l	96
57) 1,3-Dichloropropane	10.93	76	160235	21.126	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	296783	98.399	ug/l	100
59) 2-Hexanone	10.97	43	265365	90.464	ug/l	98
60) Dibromochloromethane	11.13	129	85177	20.701	ug/l	100
61) 1,2-Dibromoethane	11.23	107	72088	20.411	ug/l	99
64) Tetrachloroethene	10.86	164	84262	21.133	ug/l	94
65) Chlorobenzene	11.66	112	303256	21.868	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	98469	21.323	ug/l	99
67) Ethyl Benzene	11.73	91	596159	22.092	ug/l	99
68) m/p-Xylenes	11.83	106	423691	44.413	ug/l	99
69) o-Xylene	12.16	106	183527	21.356	ug/l	95
70) Styrene	12.18	104	321408	21.828	ug/l	100
71) Bromoform	12.35	173	40136	19.584	ug/l #	100
73) Isopropylbenzene	12.46	105	528065	22.187	ug/l	100
74) N-amyl acetate	12.27	43	141678	19.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	99106	20.506	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	65327m	18.551	ug/l	
77) Bromobenzene	12.74	156	102435	21.775	ug/l	99
78) n-propylbenzene	12.80	91	711157	22.992	ug/l	100
79) 2-Chlorotoluene	12.89	91	391188	22.494	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	463303	22.640	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	29338	18.818	ug/l	90
82) 4-Chlorotoluene	12.99	91	416138	22.469	ug/l	99
83) tert-Butylbenzene	13.21	119	370121	22.325	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	466938	22.820	ug/l	99
85) sec-Butylbenzene	13.38	105	567967	22.637	ug/l	100
86) p-Isopropyltoluene	13.50	119	485324	22.503	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	217212	21.792	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	212103	21.611	ug/l	98
89) n-Butylbenzene	13.82	91	526980	22.657	ug/l	99
90) Hexachloroethane	14.09	117	92100	21.293	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	187948	21.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15713	20.246	ug/l	91

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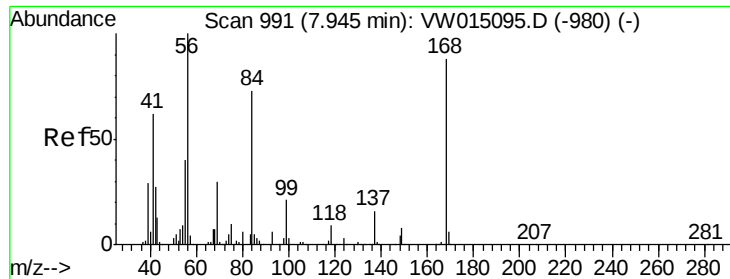
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 09 18:51:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	106453	21.310	ug/l	98
94) Hexachlorobutadiene	15.23	225	68216	21.749	ug/l	98
95) Naphthalene	15.36	128	170625	17.760	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	90109	20.337	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: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion:168 Resp: 410448

Ion Ratio Lower Upper

168 100

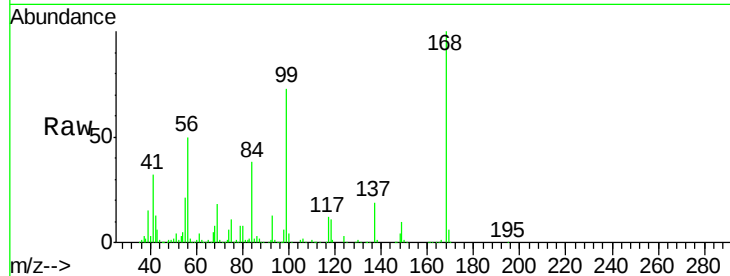
99 73.4 57.2 85.8

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

200000

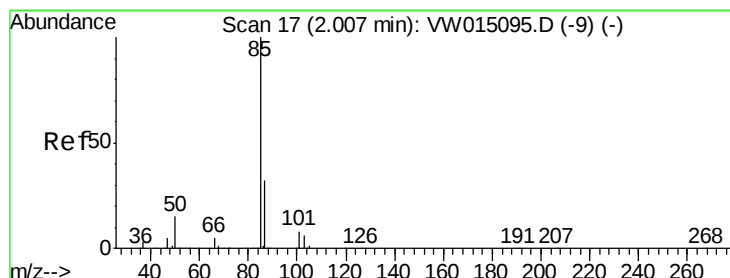
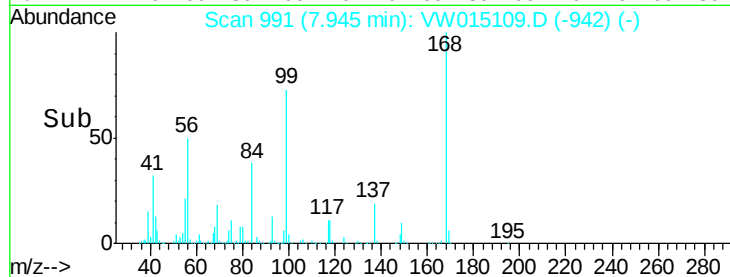
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 21.106 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW015109.D

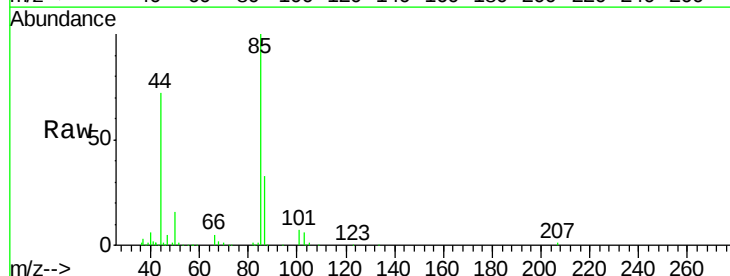
Acq: 10 Mar 2020 13:17

Tgt Ion: 85 Resp: 52528

Ion Ratio Lower Upper

85 100

87 32.6 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

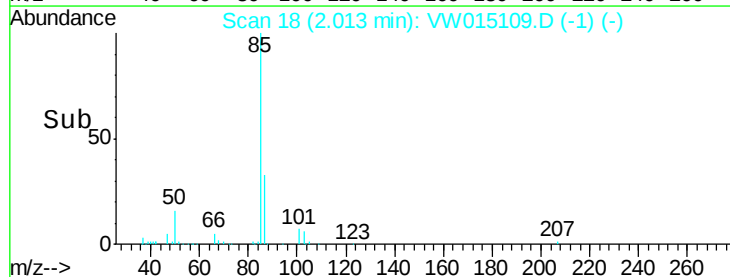
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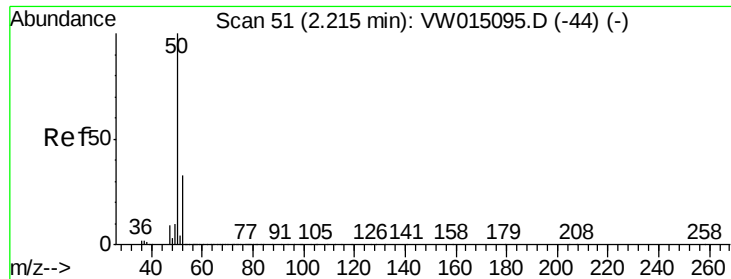
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.040 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 50 Resp: 117713

Ion Ratio Lower Upper

50 100

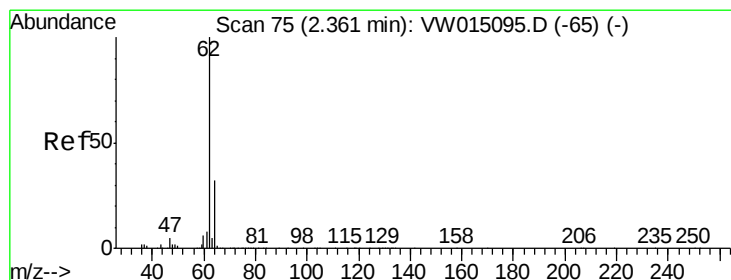
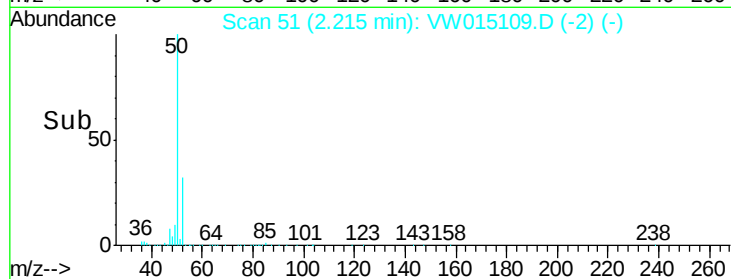
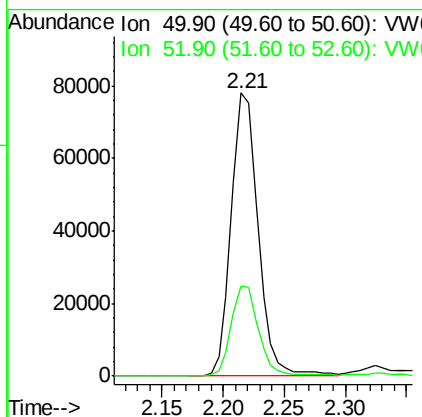
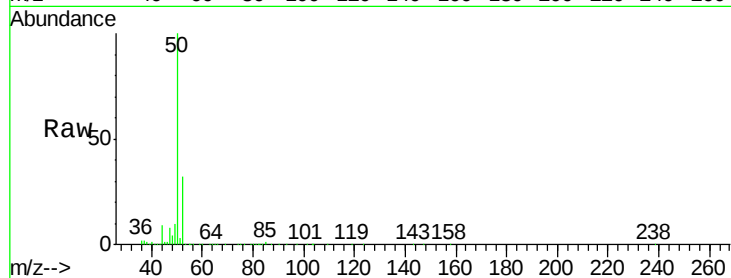
52 32.0 26.6 40.0

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#4

Vinyl Chloride

Concen: 22.160 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015109.D

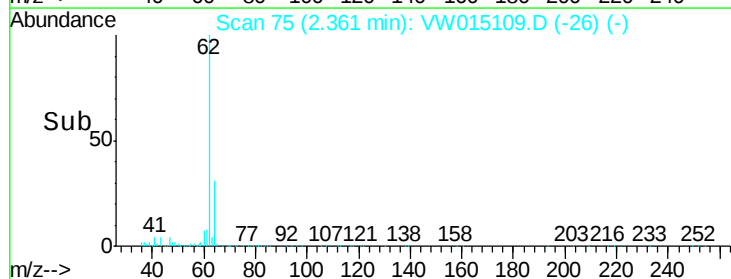
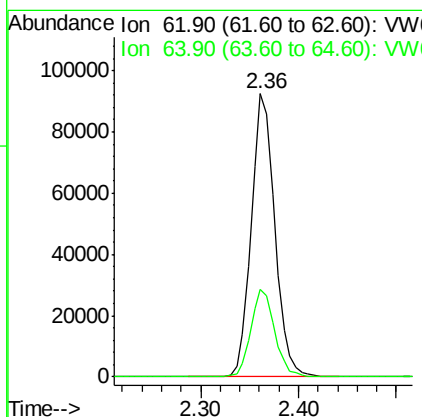
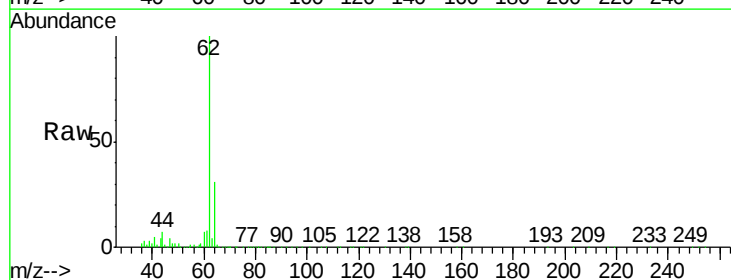
Acq: 10 Mar 2020 13:17

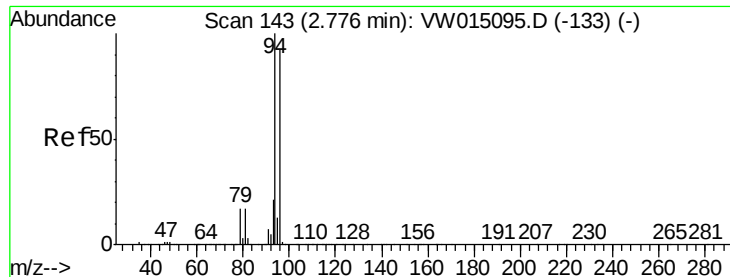
Tgt Ion: 62 Resp: 154942

Ion Ratio Lower Upper

62 100

64 30.8 25.3 37.9





#5

Bromomethane

Concen: 21.501 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 94 Resp: 85934

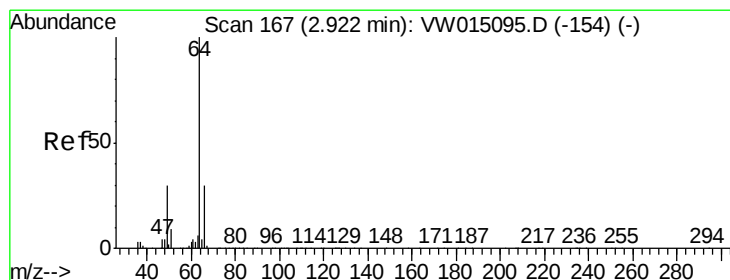
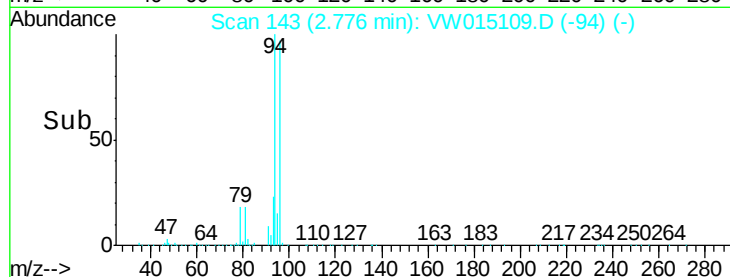
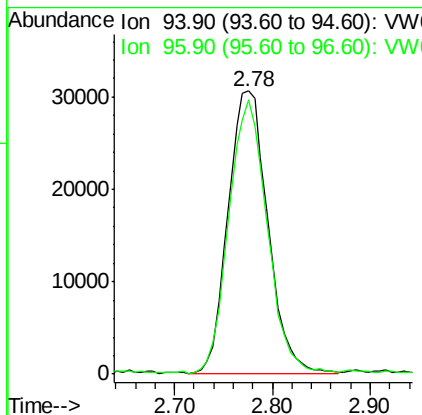
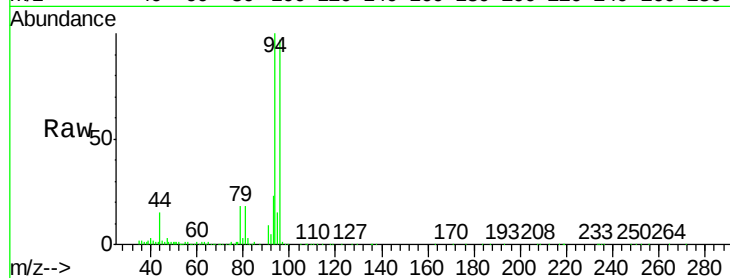
Ion Ratio Lower Upper

94 100

96 97.2 74.0 111.0

Manual Integrations
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#6

Chloroethane

Concen: 21.694 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW015109.D

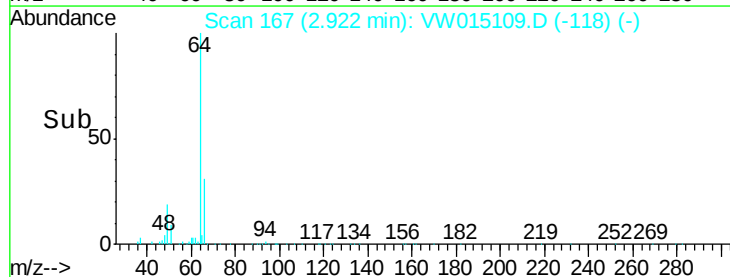
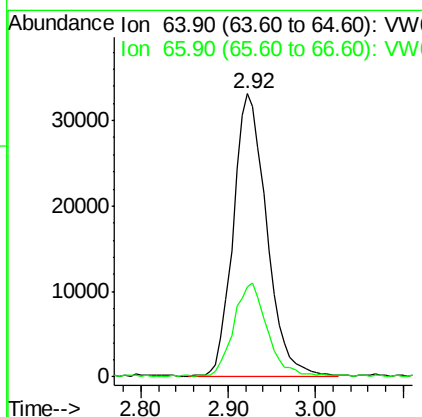
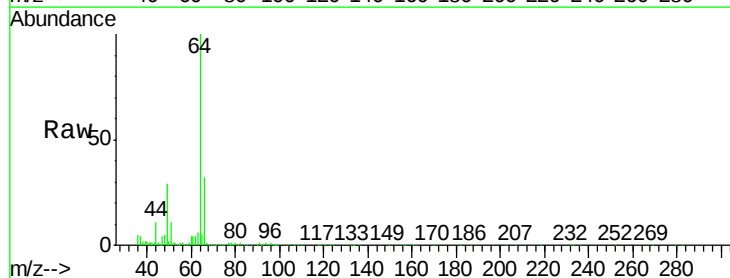
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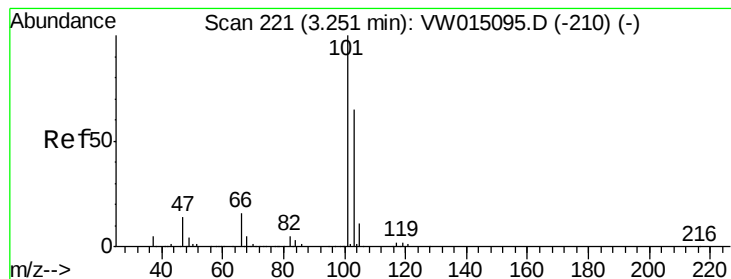
Tgt Ion: 64 Resp: 87860

Ion Ratio Lower Upper

64 100

66 31.4 24.2 36.2





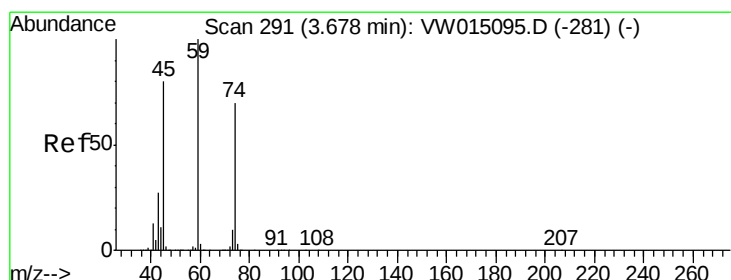
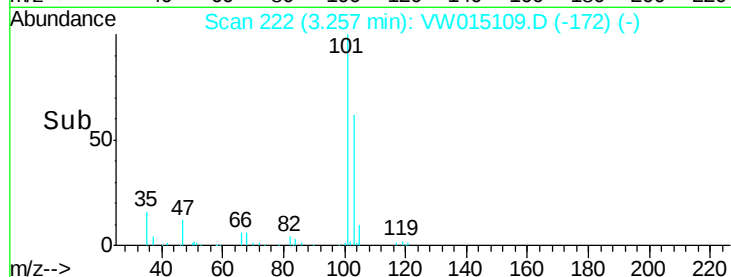
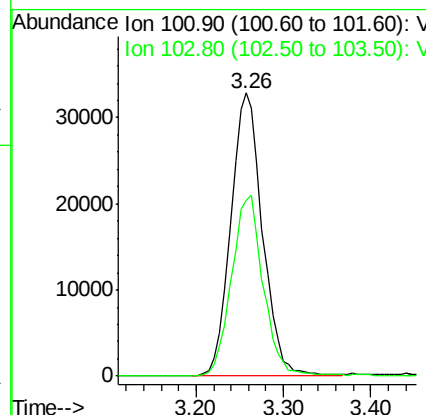
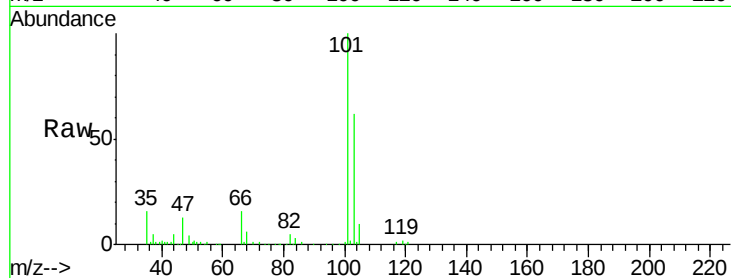
#7
 Trichlorofluoromethane
 Concen: 23.686 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Instrument :
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 ClientSampleId :
 VW0310SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	82878		
103	61.8	51.8	77.6	

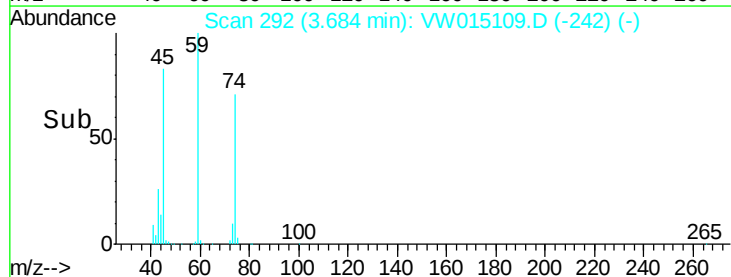
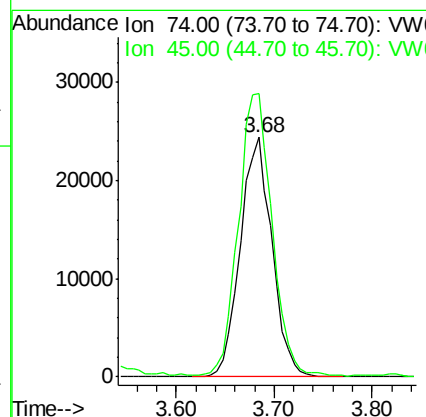
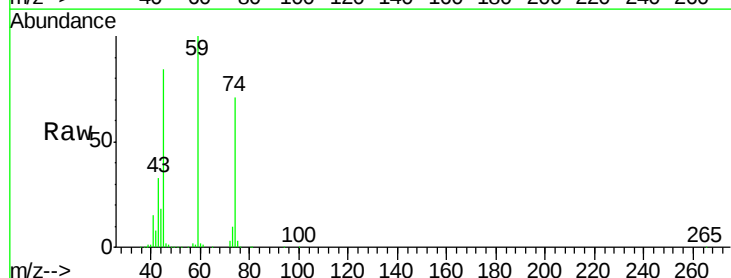
Manual Integrations
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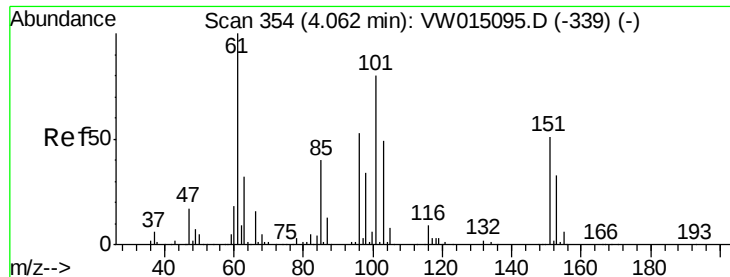
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#8
 Diethyl Ether
 Concen: 20.500 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54657		
45	124.8	59.2	177.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.152 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015109.D

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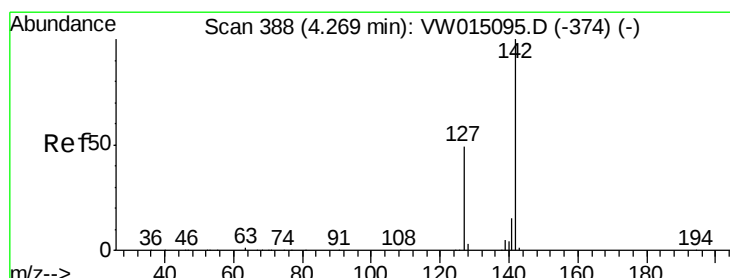
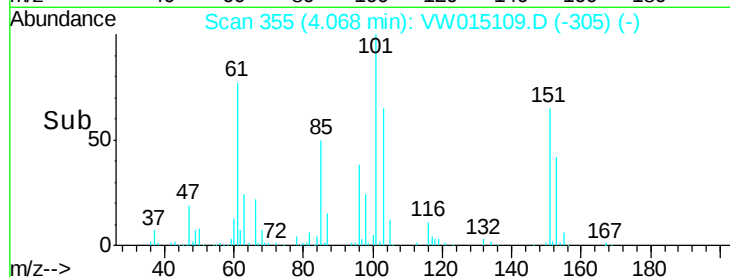
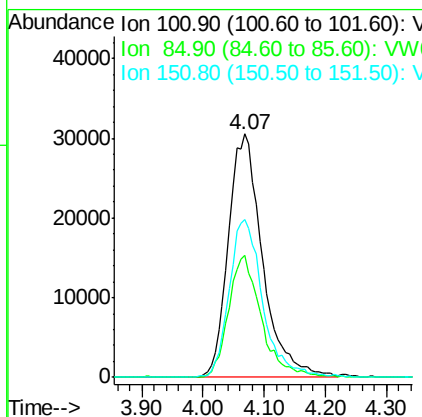
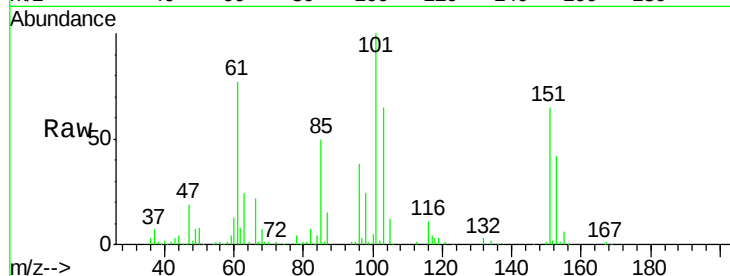
ClientSampleId :

VW0310SBS01

Tot Ion:	101	Resp:	118156
Ion Ratio	Lower	Upper	
101	100		
85	47.9	39.0	58.4
151	63.5	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 22.302 ug/l

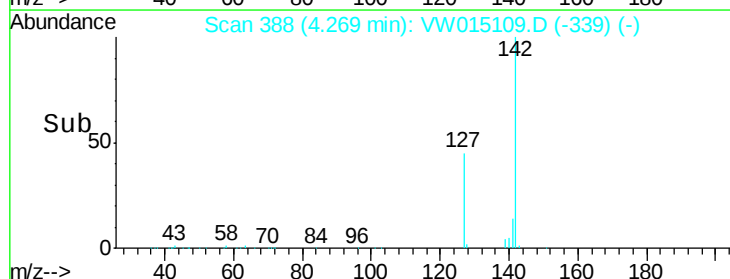
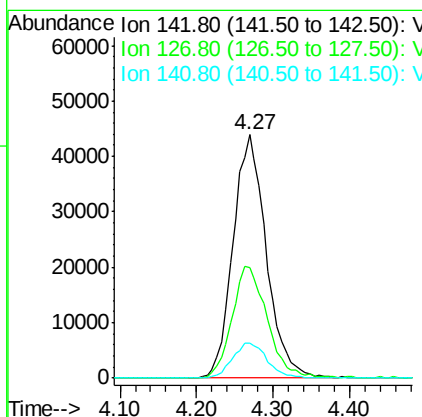
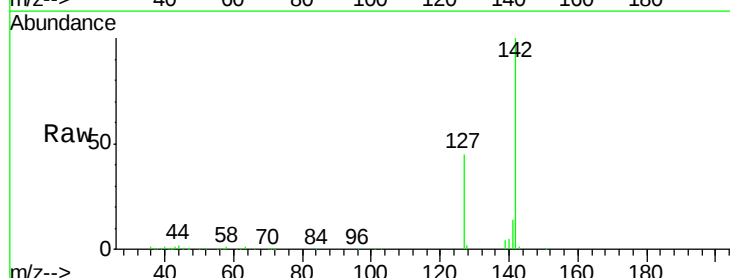
RT: 4.27 min Scan# 388

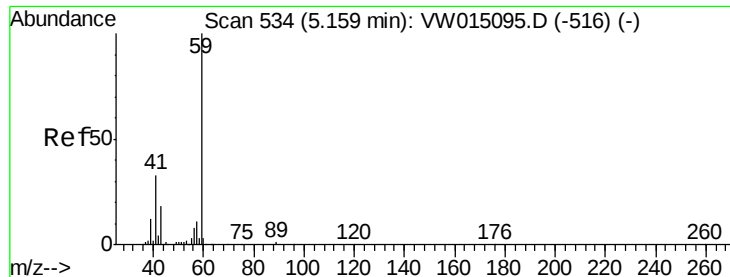
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion:	142	Resp:	132343
Ion Ratio	Lower	Upper	
142	100		
127	48.7	38.2	57.4
141	15.1	12.0	18.0





#11

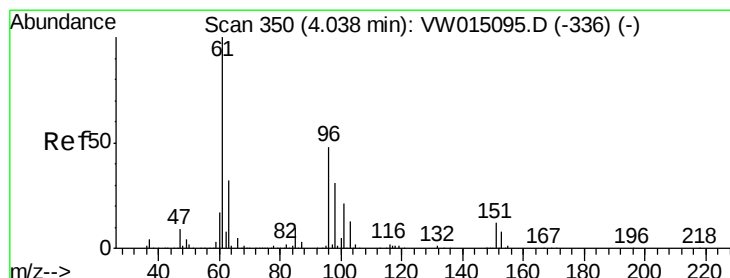
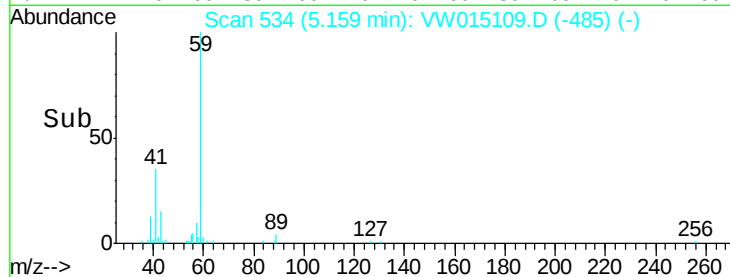
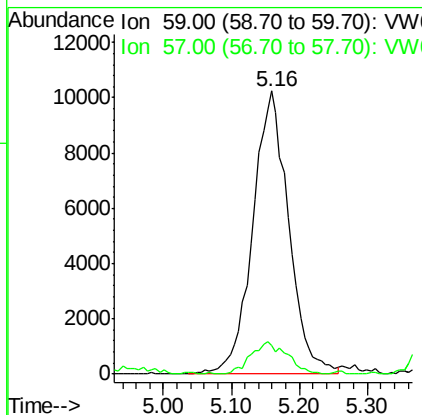
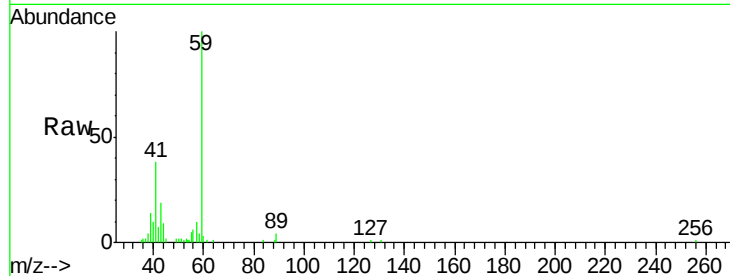
Tert butyl alcohol
 Concen: 108.778 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0310SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	9.1	13.7

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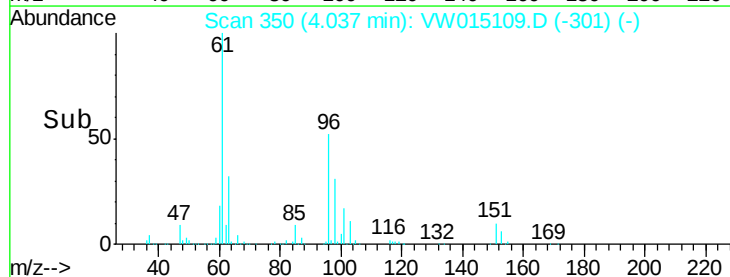
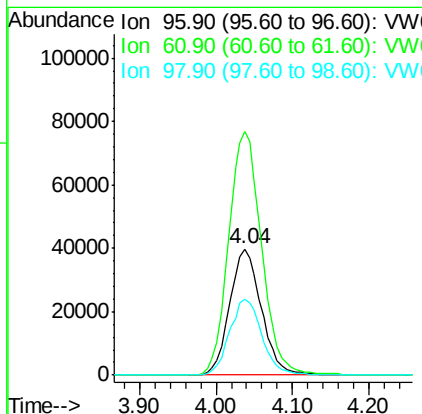
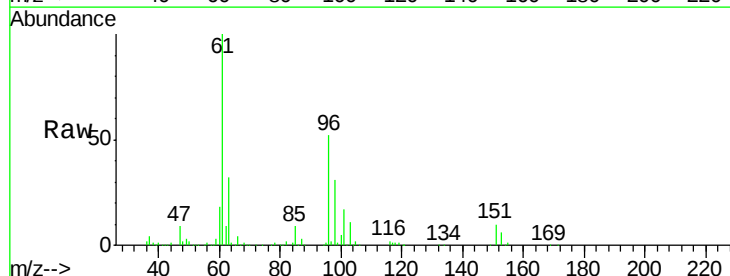
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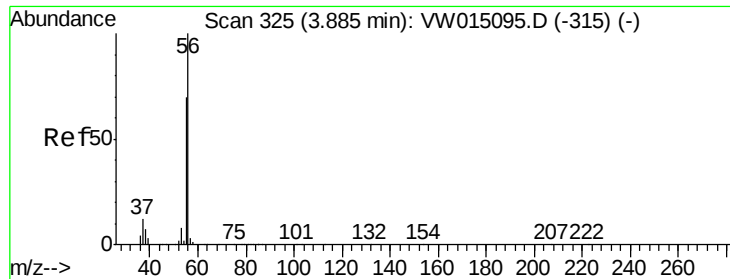


#12

1,1-Dichloroethene
 Concen: 21.858 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.6	165.5	248.3
98	60.2	51.1	76.7





#13

Acrolein

Concen: 109.900 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 56 Resp: 55748

Ion Ratio Lower Upper

56 100

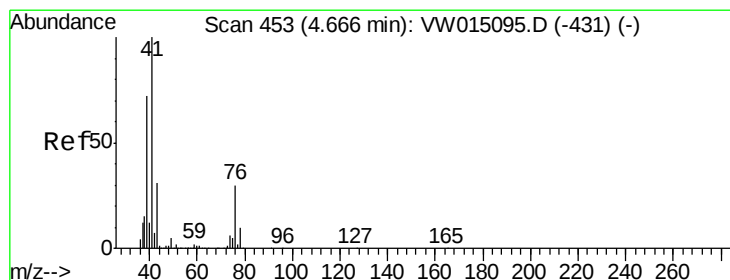
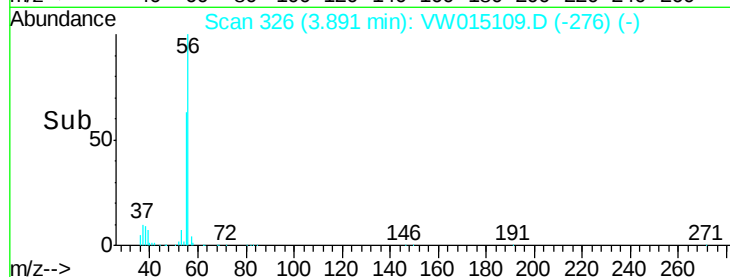
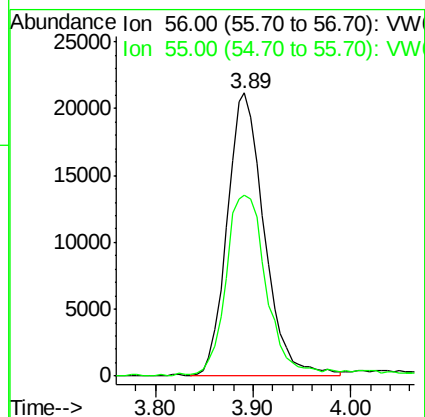
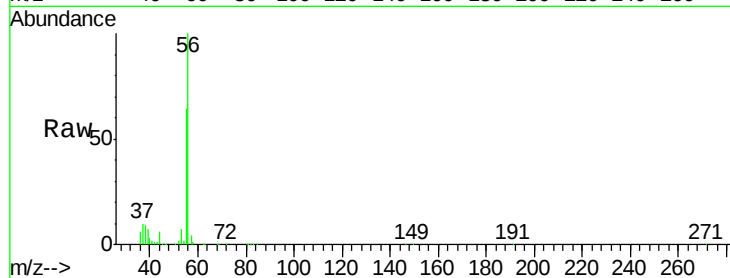
55 67.7 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.822 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

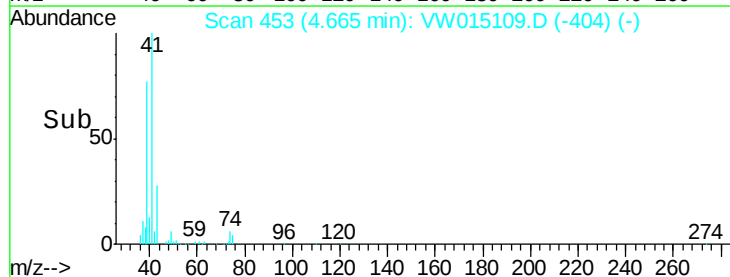
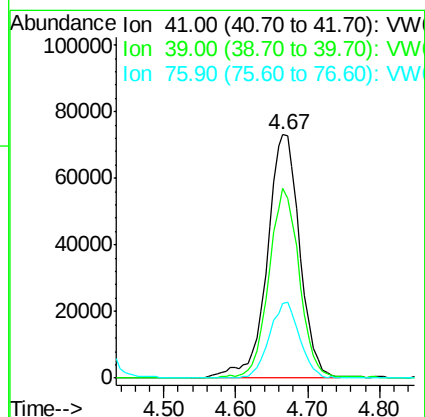
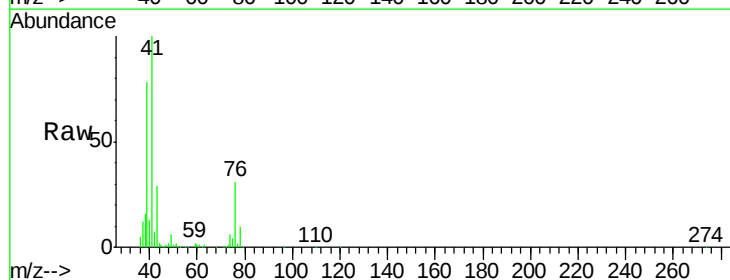
Tgt Ion: 41 Resp: 228061

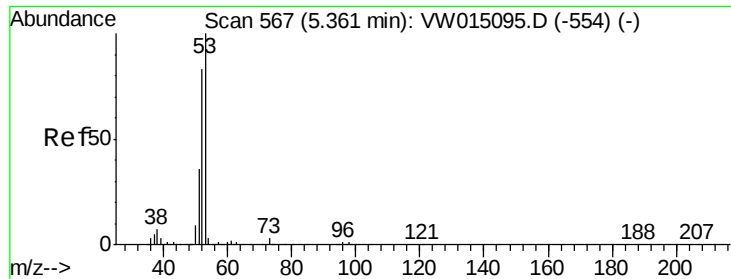
Ion Ratio Lower Upper

41 100

39 73.7 56.9 85.3

76 28.6 23.2 34.8





#15

Acrylonitrile

Concen: 102.255 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

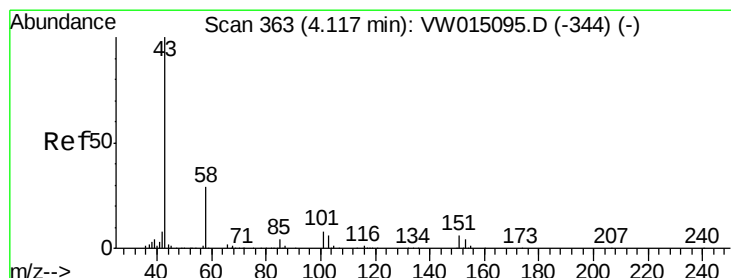
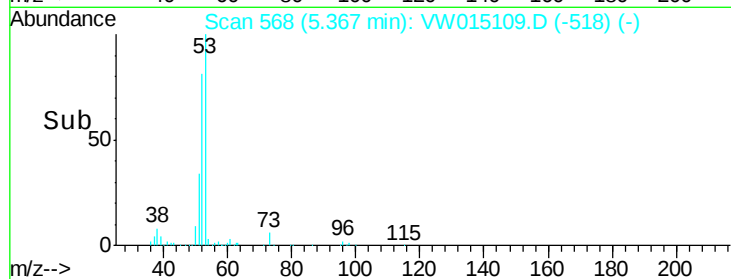
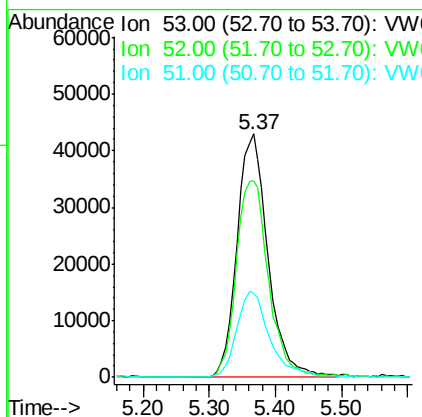
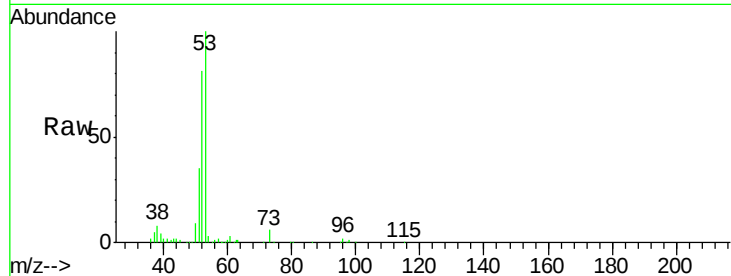
ClientSampleId :

VW0310SBS01

Tot Ion:	53	Resp:	139746
Ion	Ratio	Lower	Upper
53	100		
52	84.6	67.2	100.8
51	37.9	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 96.142 ug/l

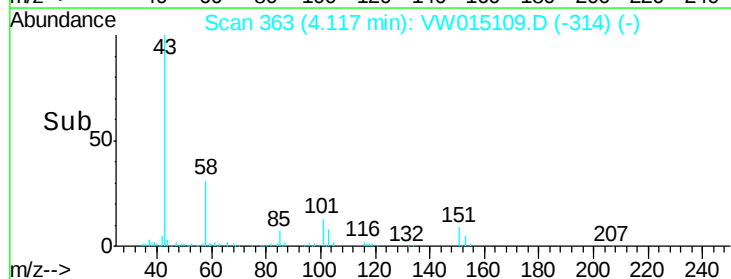
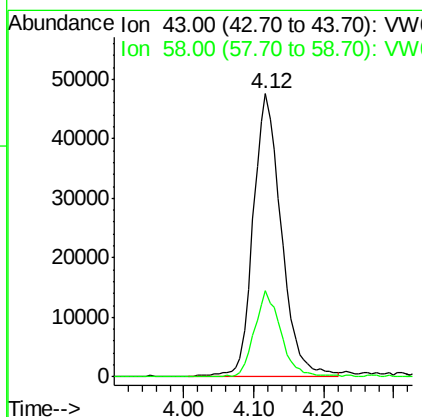
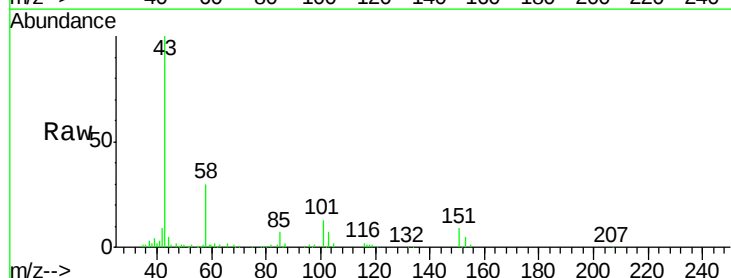
RT: 4.12 min Scan# 363

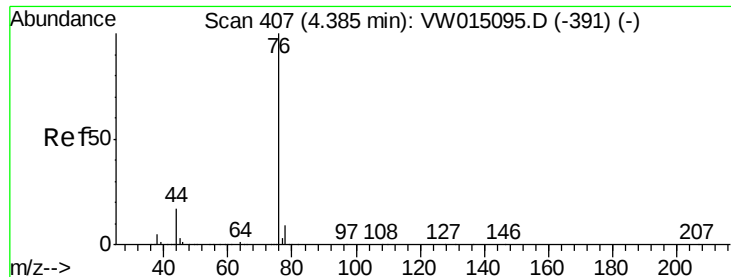
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion:	43	Resp:	132327
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.9	34.3





#17

Carbon Disulfide

Concen: 21.934 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 76 Resp: 405550

Ion Ratio Lower Upper

76 100

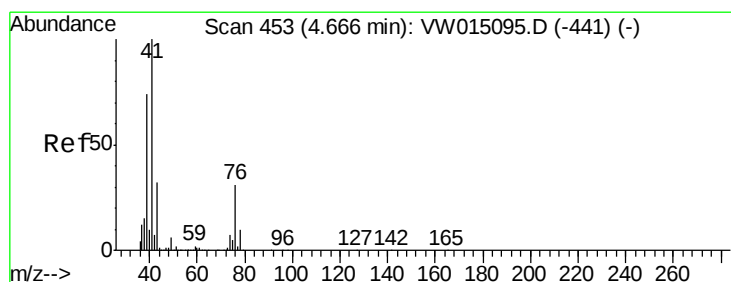
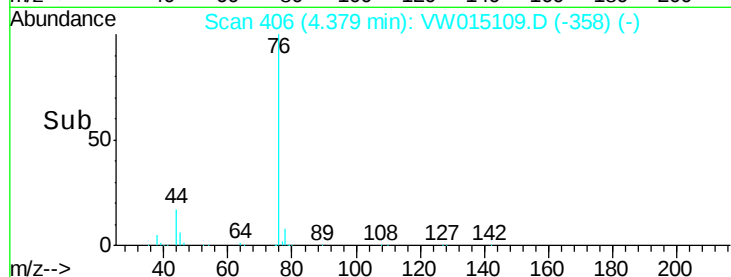
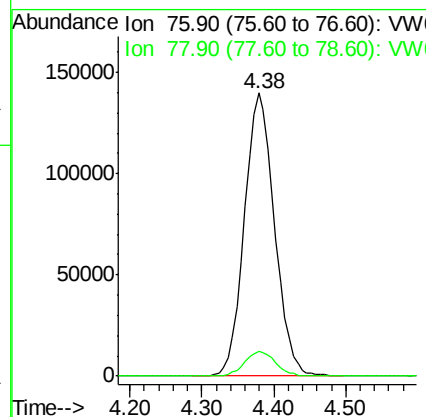
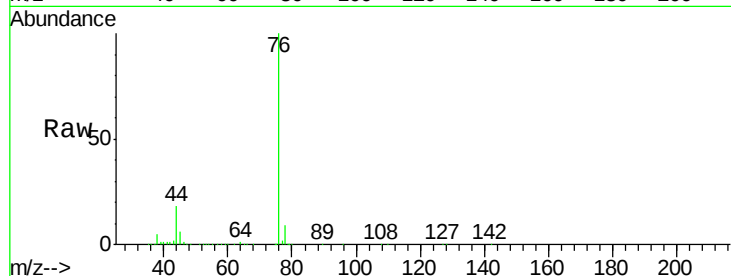
78 8.8 6.9 10.3

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#18

Methyl Acetate

Concen: 20.266 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015109.D

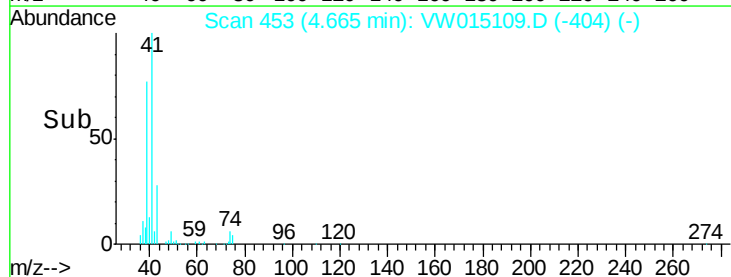
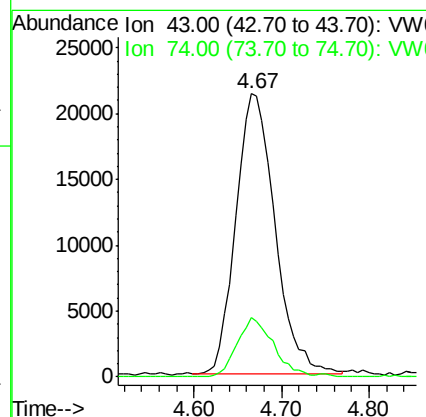
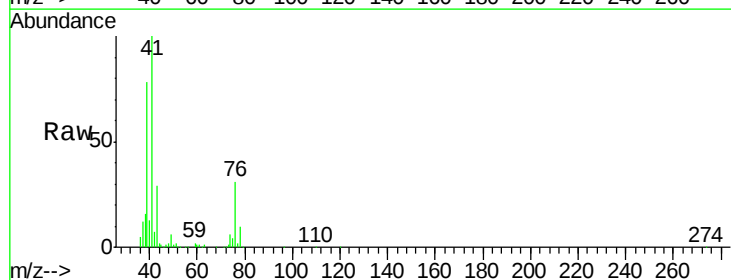
Acq: 10 Mar 2020 13:17

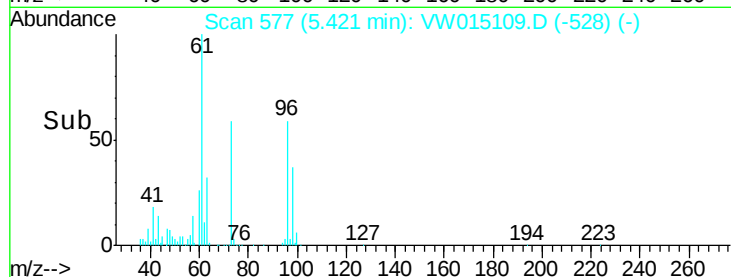
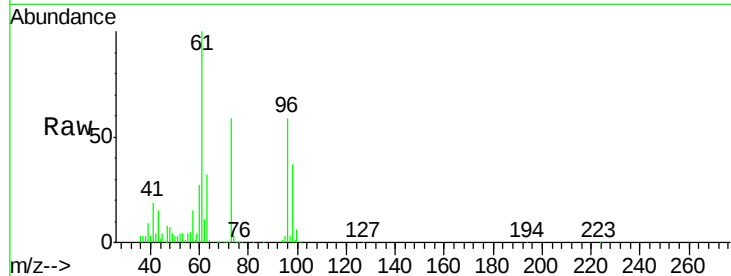
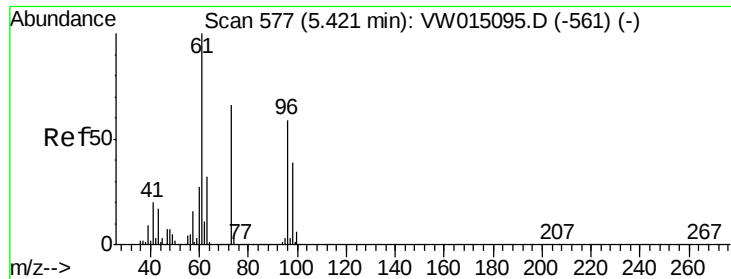
Tgt Ion: 43 Resp: 66123

Ion Ratio Lower Upper

43 100

74 19.8 15.8 23.6





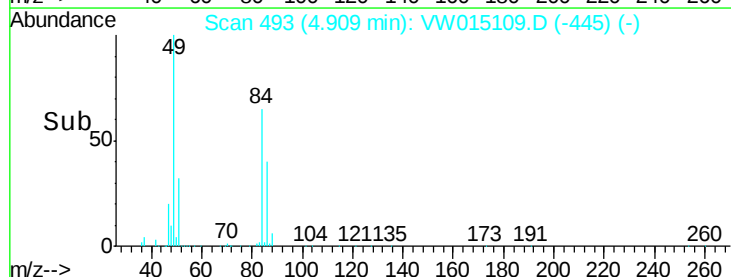
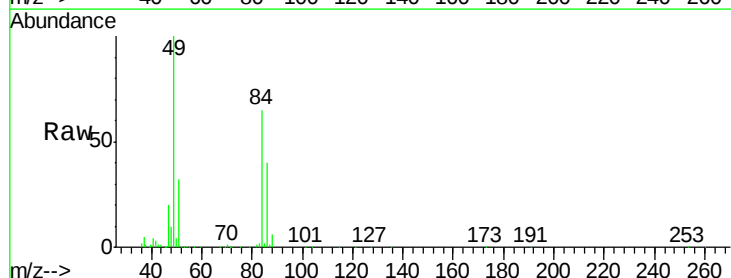
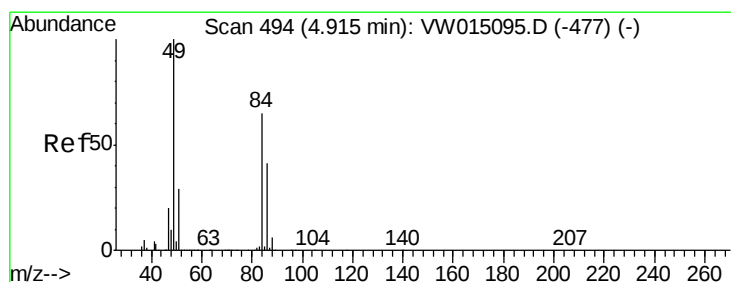
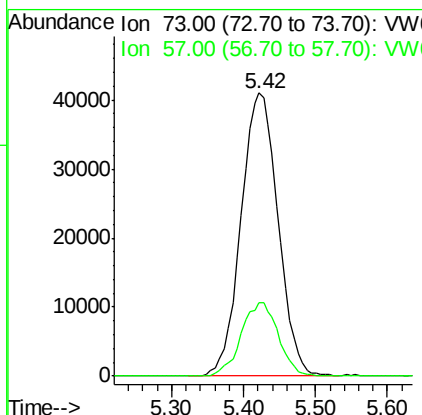
#19
Methvl tert-butvl Ether
Concen: 21.922 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.9	19.3	28.9

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

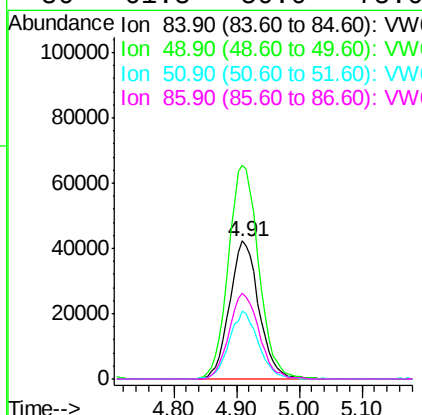
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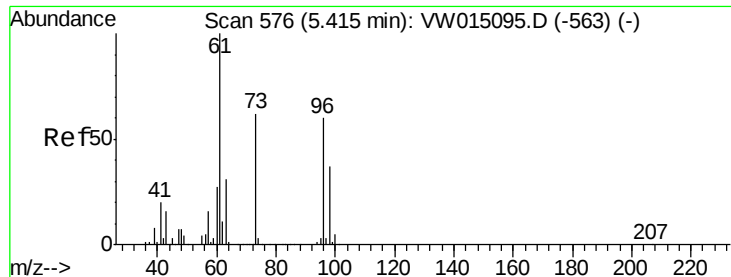
MMDadoda
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#20
Methylene Chloride
Concen: 22.216 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	154.6	122.8	184.2
51	49.3	35.9	53.9
86	61.8	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 22.280 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

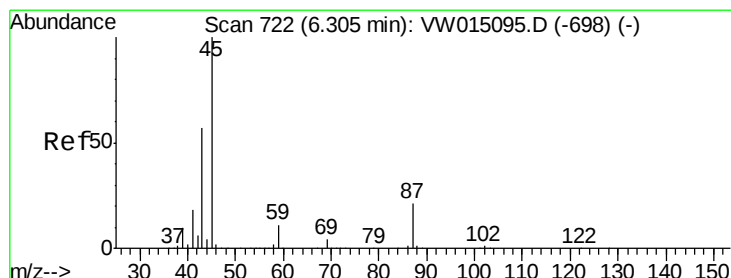
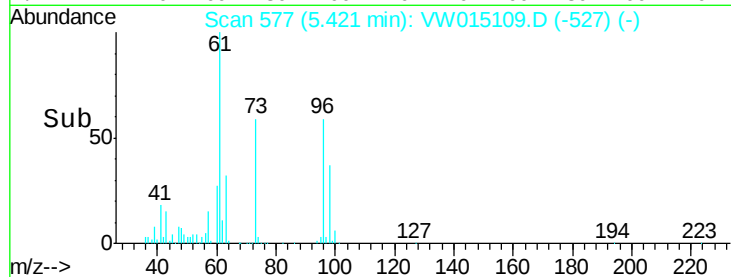
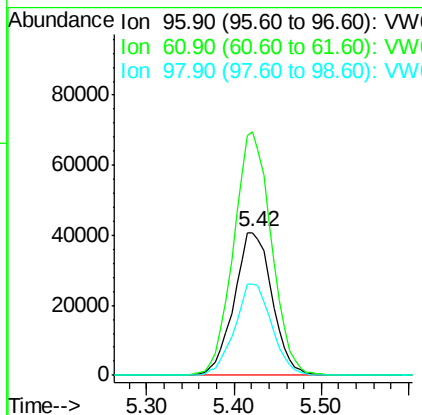
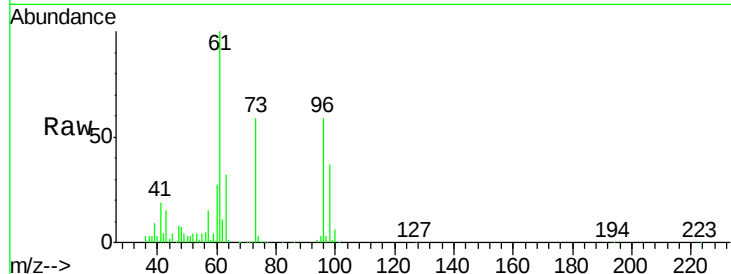
ClientSampleId :

VW0310SBS01

Tot Ion:	96	Resp:	123365
Ion	Ratio	Lower	Upper
96	100		
61	169.9	132.5	198.7
98	63.3	48.9	73.3

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#22

Diisopropyl ether

Concen: 23.346 ug/l

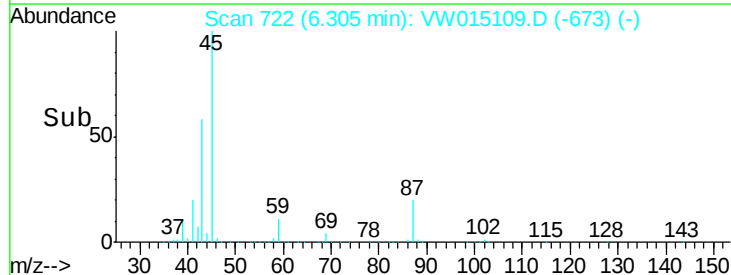
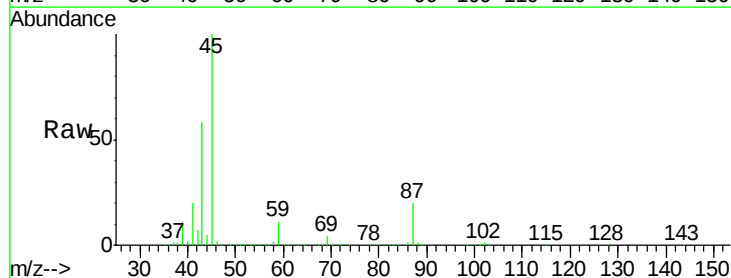
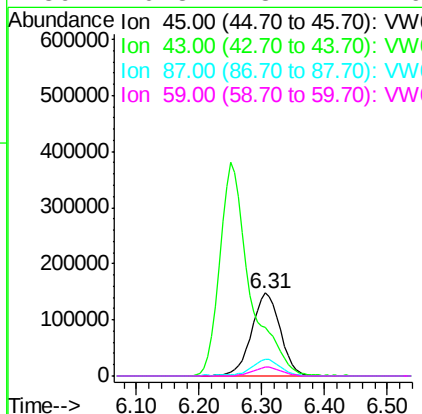
RT: 6.31 min Scan# 722

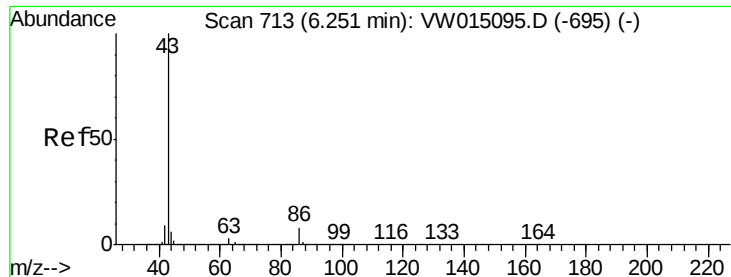
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion:	45	Resp:	468160
Ion	Ratio	Lower	Upper
45	100		
43	58.0	45.4	68.0
87	19.7	16.4	24.6
59	10.8	8.4	12.6





#23

Vinyl Acetate

Concen: 106.290 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 43 Resp: 1258217

Ion Ratio Lower Upper

43 100

86 7.5

6.3

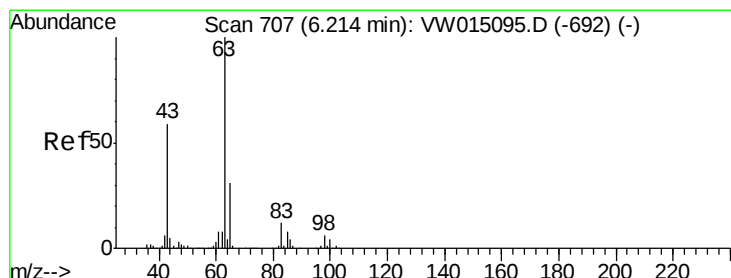
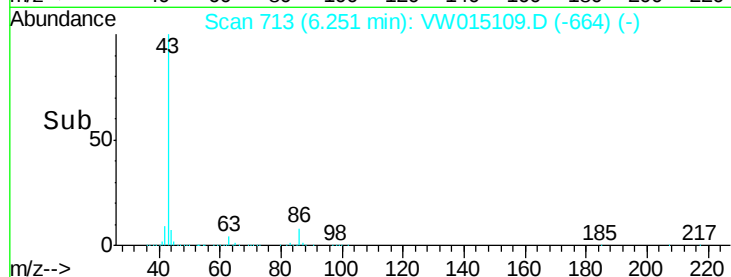
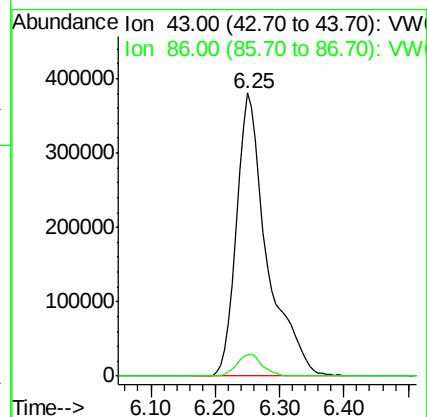
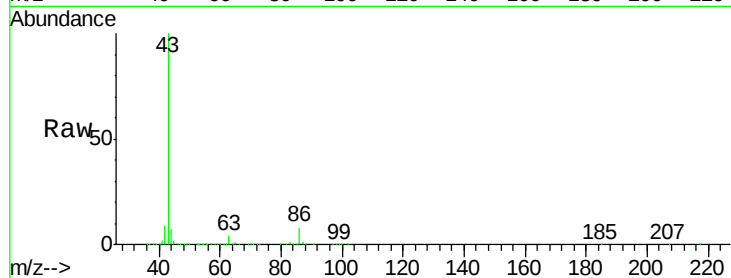
9.5

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#24

1,1-Dichloroethane

Concen: 22.308 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion: 63 Resp: 260866

Ion Ratio Lower Upper

63 100

98 5.8

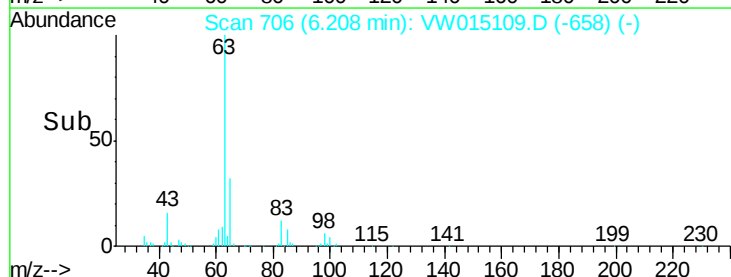
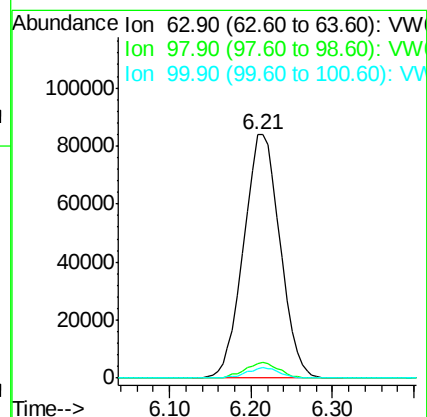
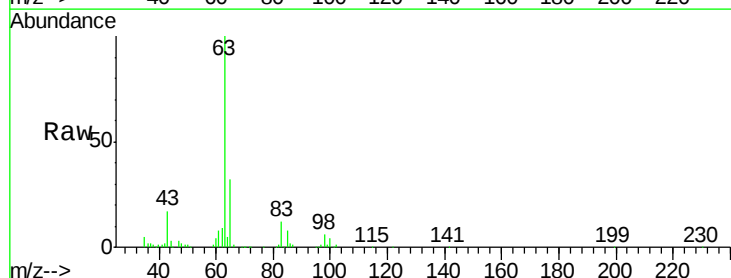
2.9

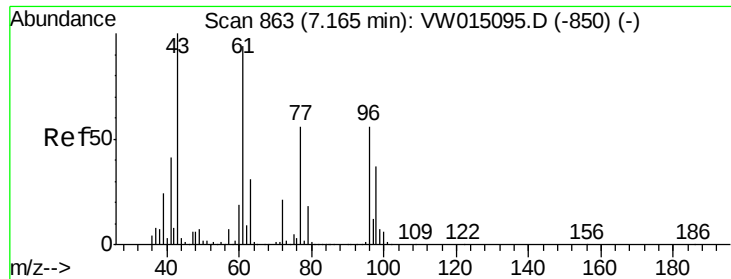
8.8

100 4.0

2.1

6.3





#25

2-Butanone

Concen: 99.361 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 43 Resp: 187480

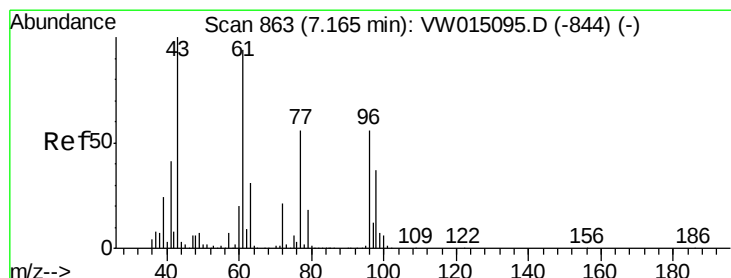
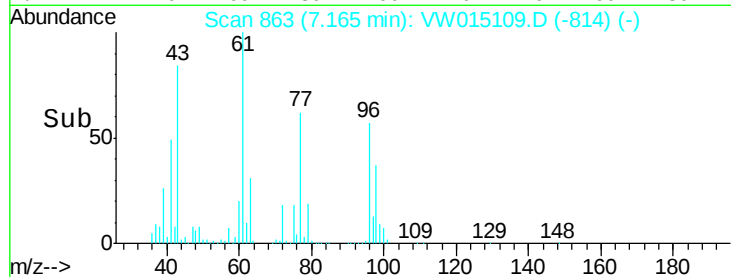
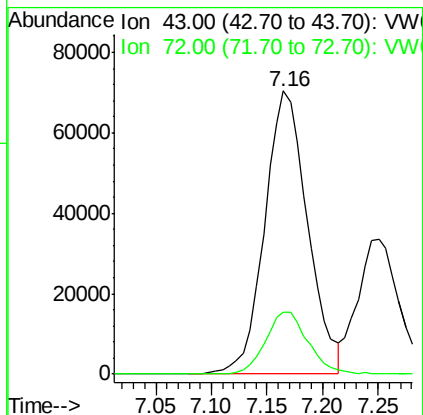
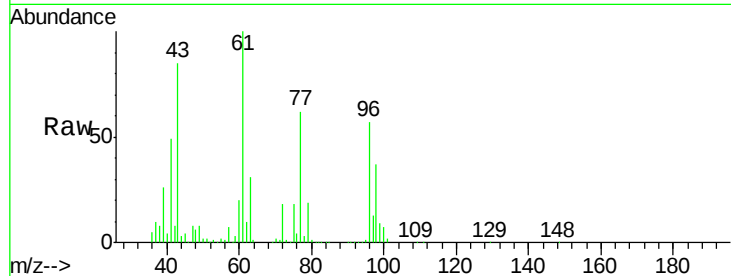
Ion Ratio Lower Upper

43 100

72 21.7 17.0 25.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 23.028 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015109.D

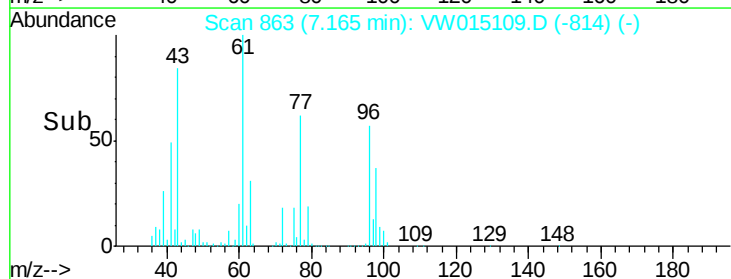
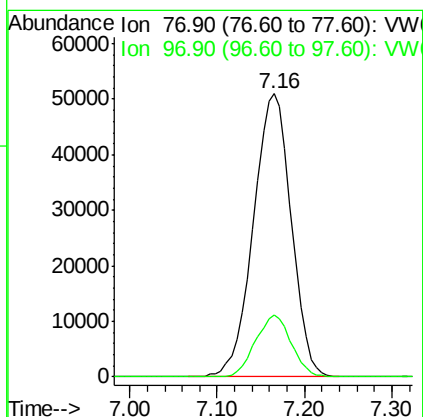
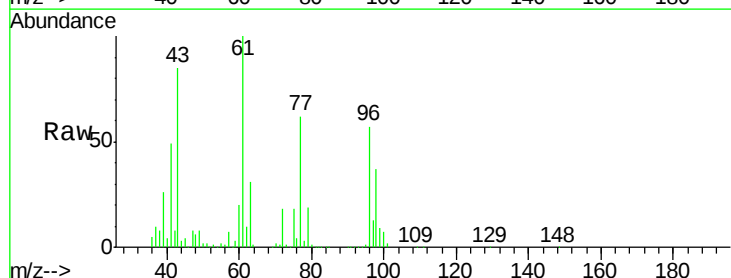
Acq: 10 Mar 2020 13:17

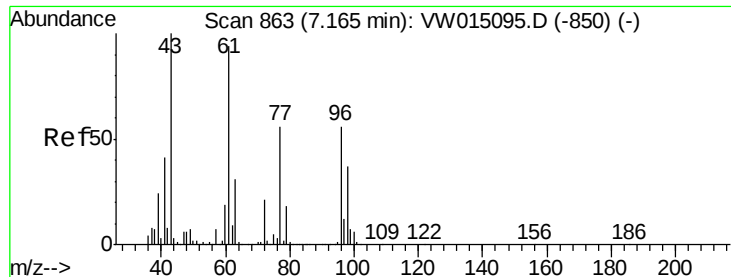
Tgt Ion: 77 Resp: 154013

Ion Ratio Lower Upper

77 100

97 20.8 10.6 31.8





#27

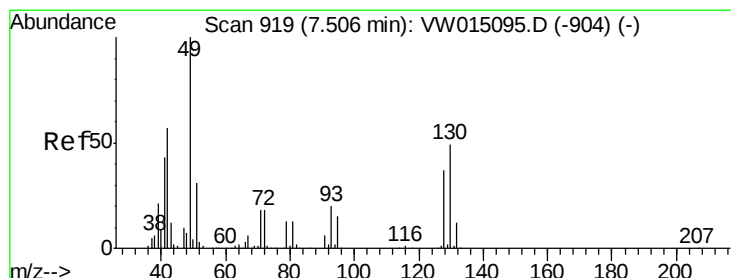
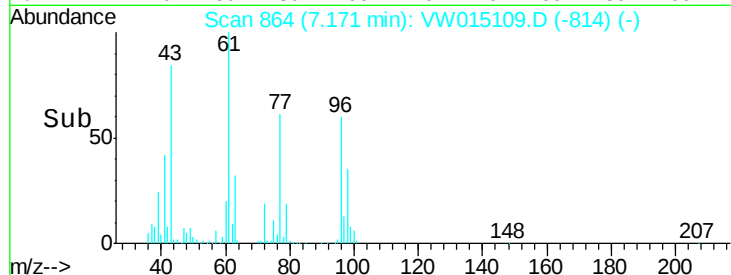
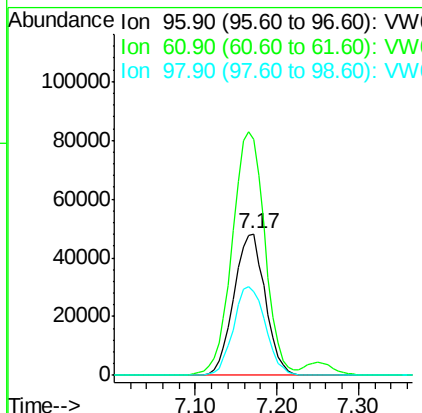
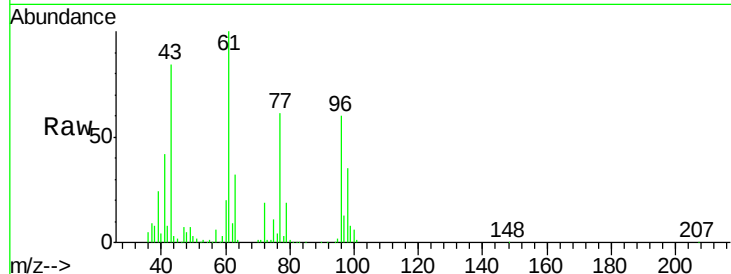
cis-1,2-Dichloroethene
Concen: 22.223 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	128103		
61	177.9	0.0	343.4	
98	63.8	0.0	127.6	

Manual Integrations
APPROVED

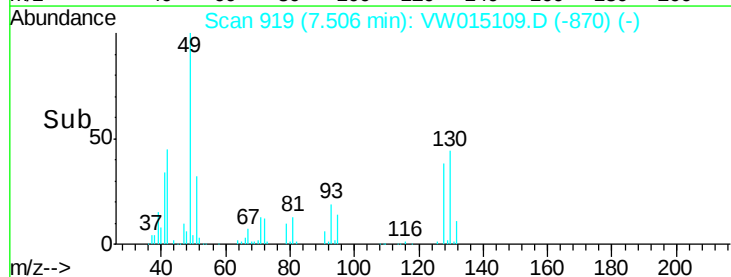
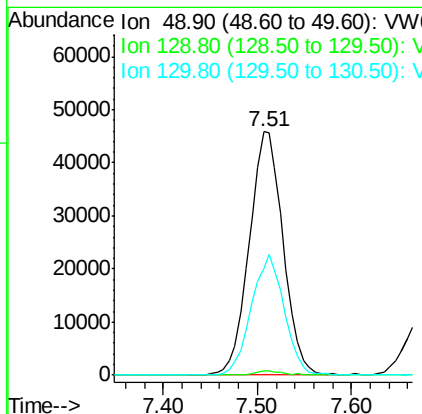
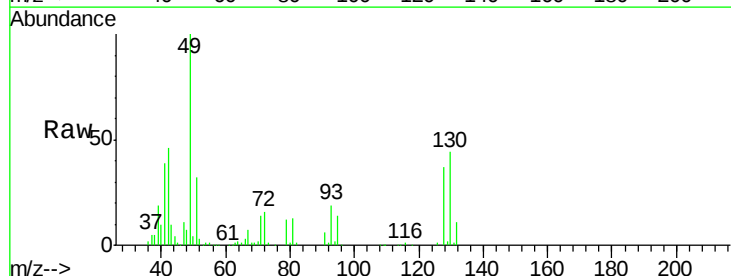
MMDadoda
3/11/2020 3:22:09 PM

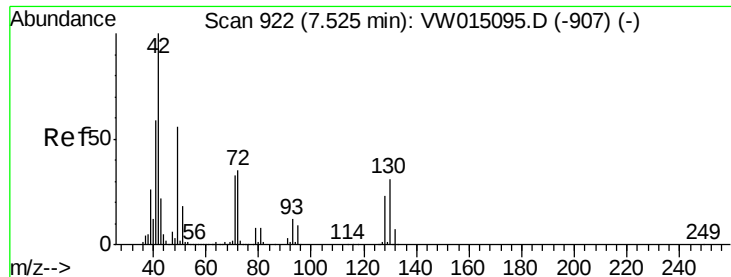


#28

Bromochloromethane
Concen: 20.586 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115349		
129	1.5	0.0	3.0	
130	48.1	39.8	59.6	





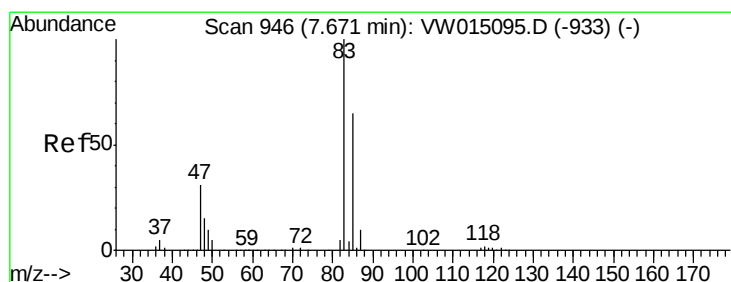
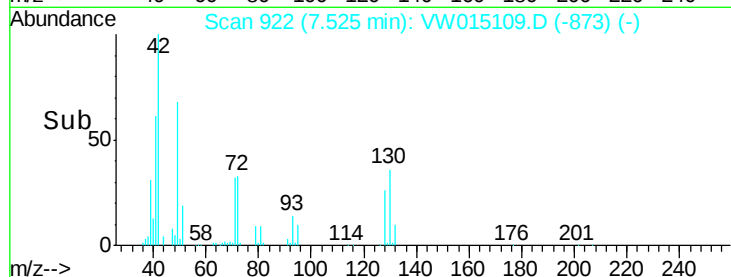
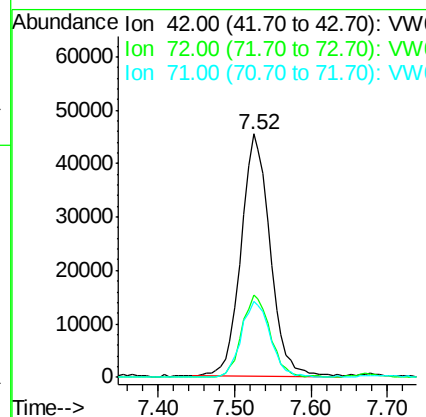
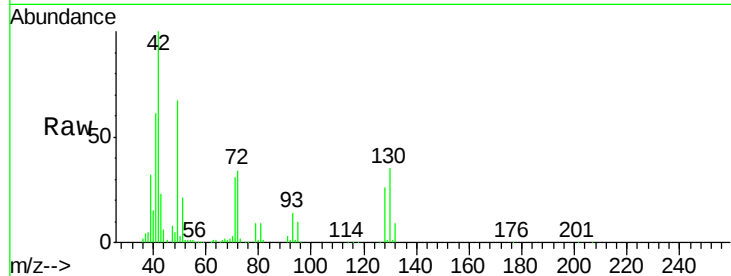
#29
Tetrahydrofuran
Concen: 100.858 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.0	27.8	41.6
71	31.4	26.4	39.6

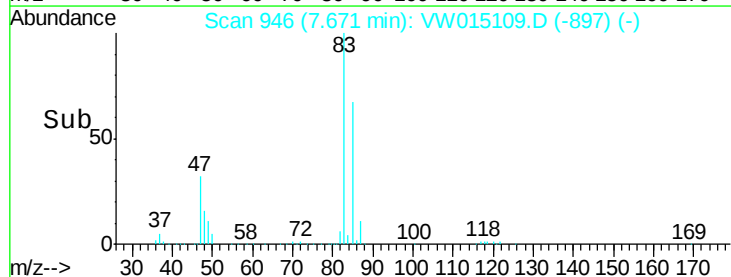
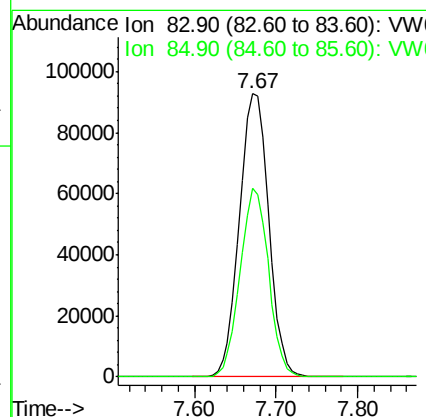
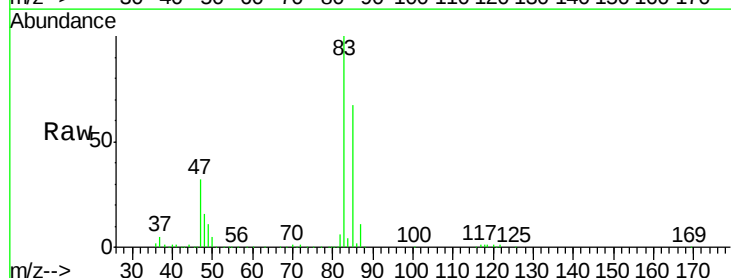
Manual Integrations
APPROVED

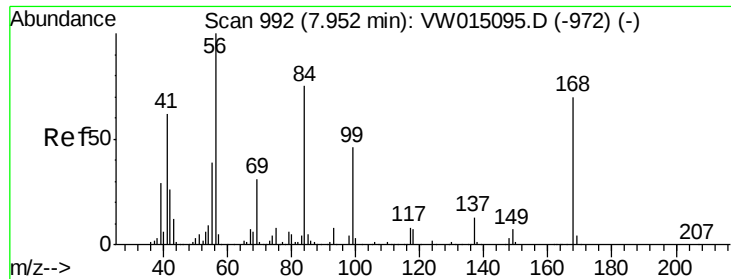
MMDadoda
3/11/2020 3:22:09 PM



#30
Chloroform
Concen: 22.289 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.9	77.9





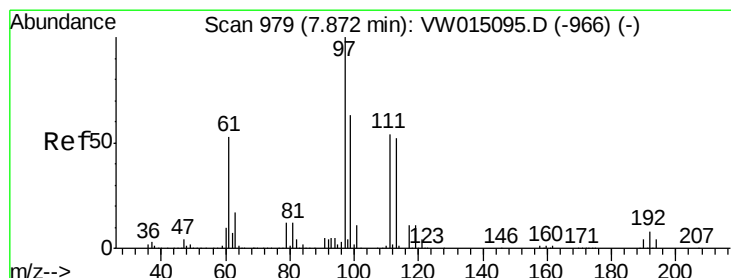
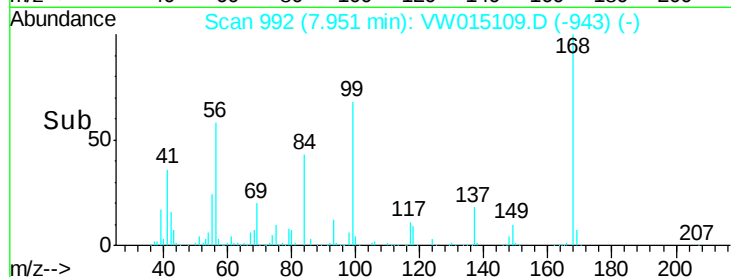
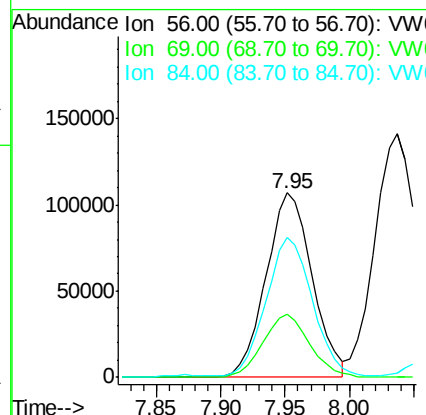
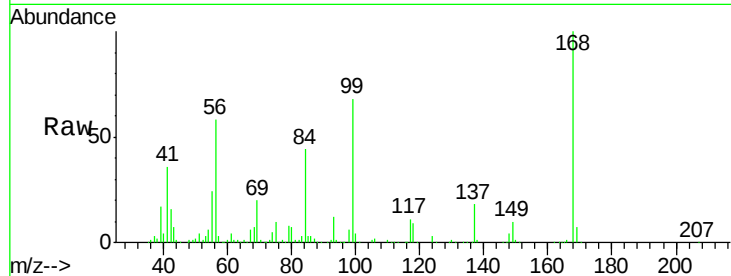
#31
Cvclohexane
Concen: 22.148 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	24.6	37.0
84	74.5	59.9	89.9

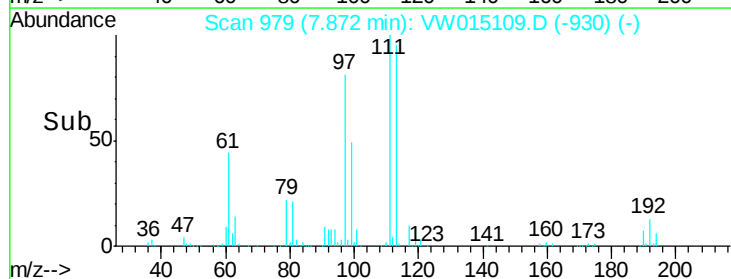
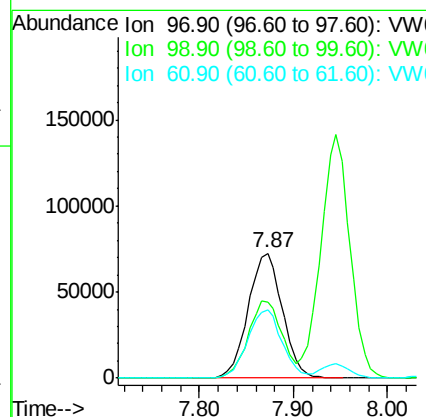
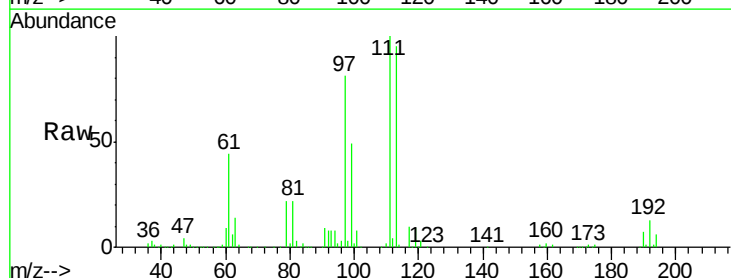
Manual Integrations
APPROVED

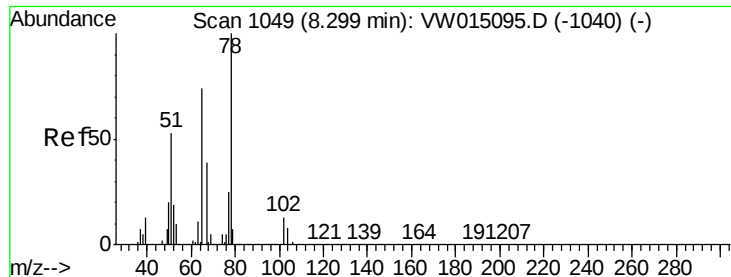
MMDadoda
3/11/2020 3:22:09 PM



#32
1,1,1-Trichloroethane
Concen: 22.754 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.1	51.3	76.9
61	55.0	44.0	66.0





#33

1,2-Dichloroethane-d4

Concen: 52.779 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 65 Resp: 318530

Ion Ratio Lower Upper

65 100

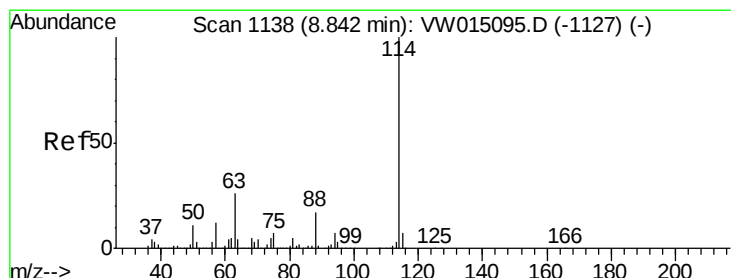
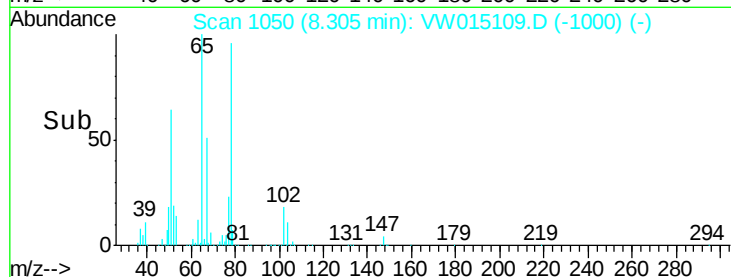
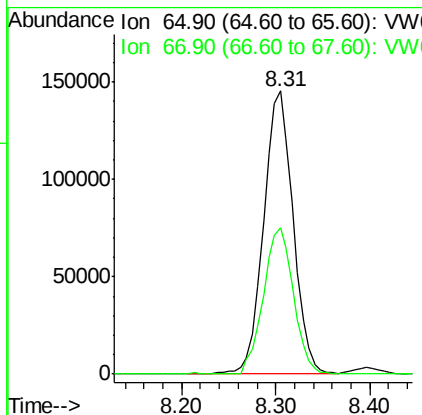
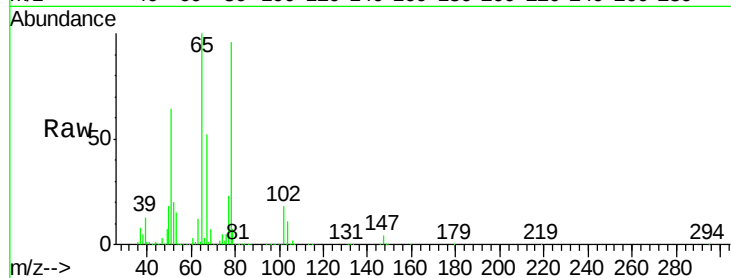
67 52.8 0.0 105.0

Manual Integrations

APPROVED

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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: VW015109.D

Acq: 10 Mar 2020 13:17

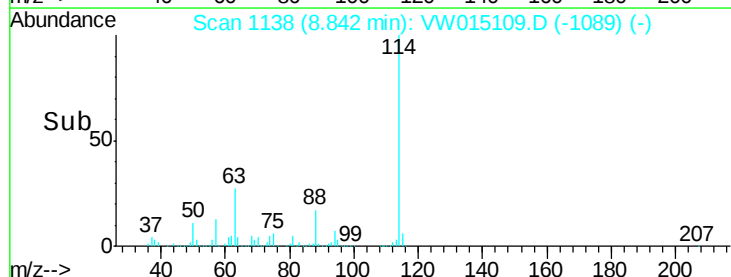
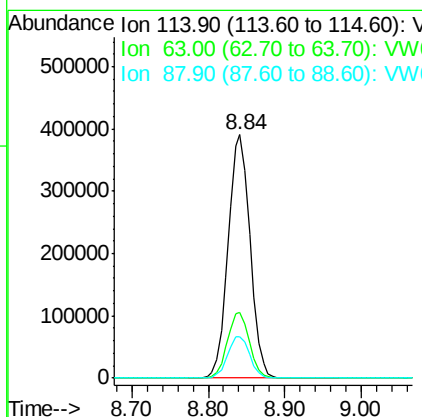
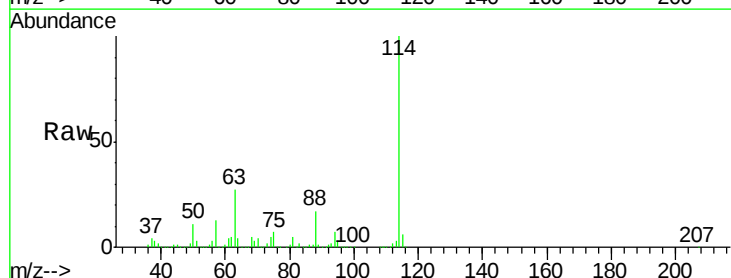
Tgt Ion: 114 Resp: 770405

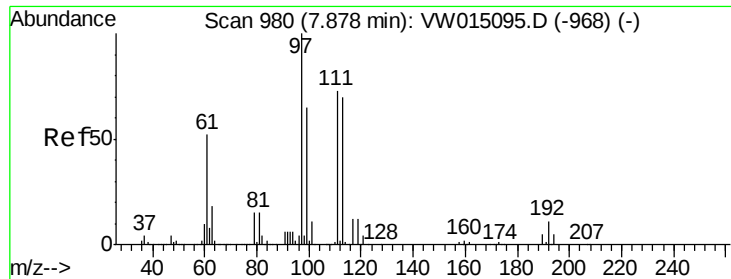
Ion Ratio Lower Upper

114 100

63 27.1 0.0 52.0

88 17.1 0.0 34.2





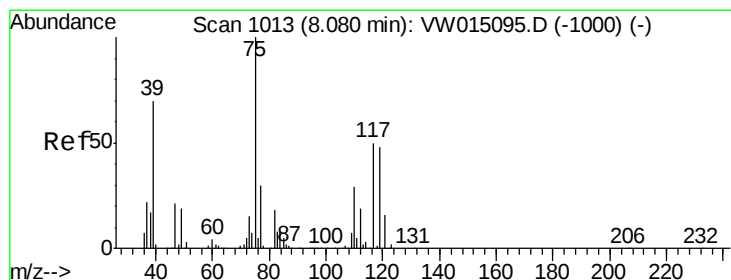
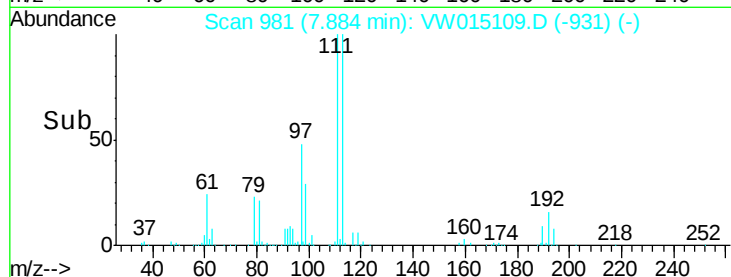
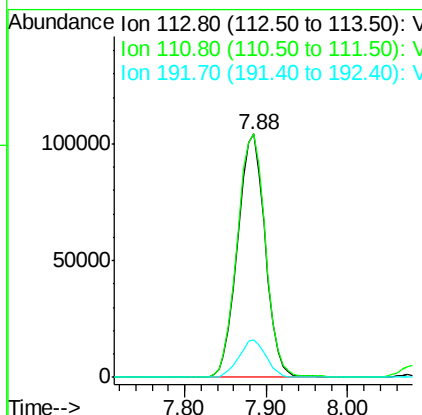
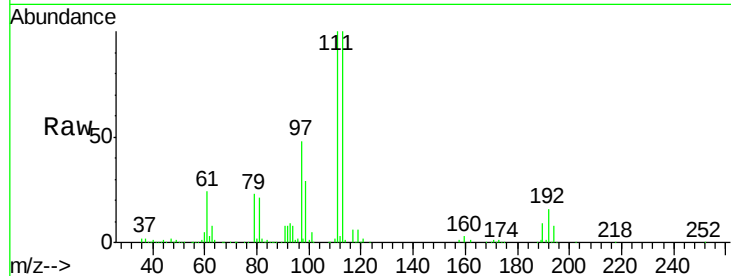
#35
 Dibromofluoromethane
 Concen: 52.907 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0310SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	244027		
111	102.7	83.6	125.4	
192	15.3	12.4	18.6	

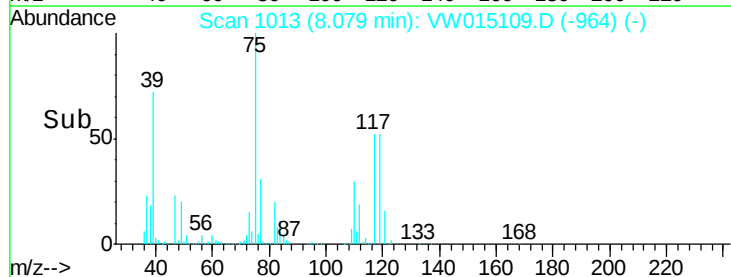
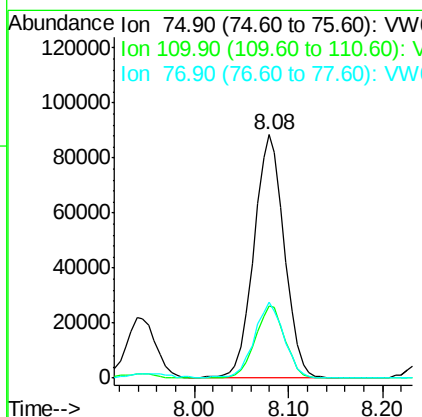
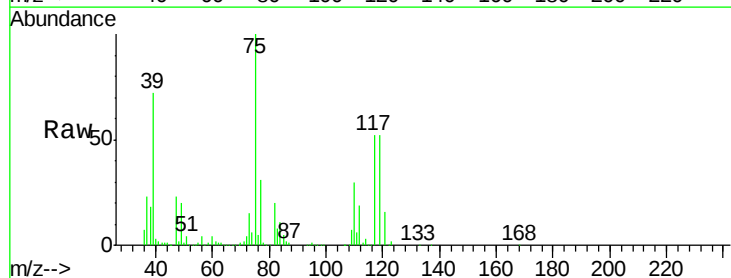
Manual Integrations
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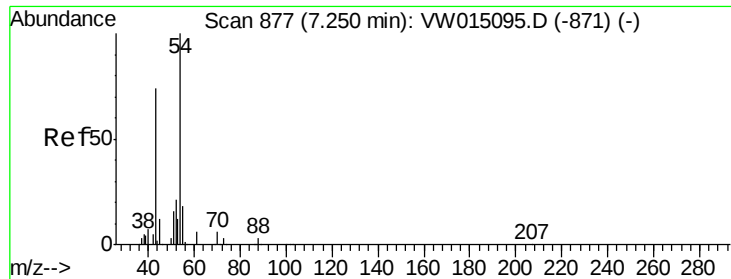
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#36
 1,1-Dichloropropene
 Concen: 22.379 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	199943		
110	28.9	14.7	44.1	
77	30.9	24.2	36.4	





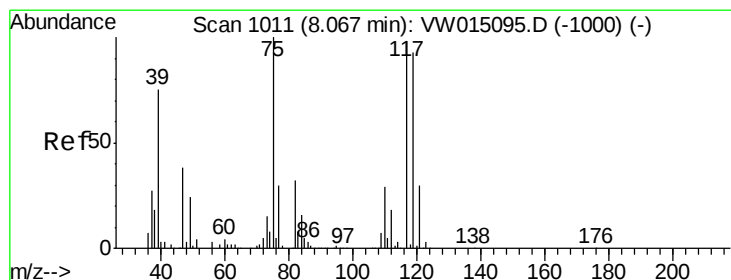
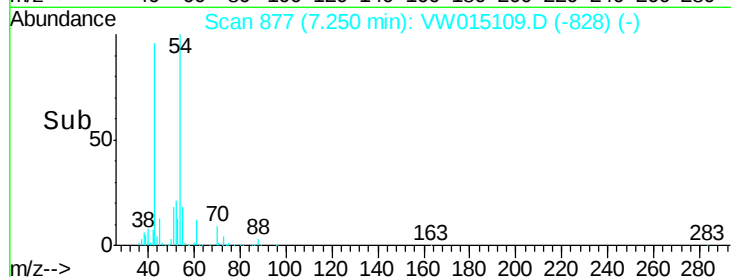
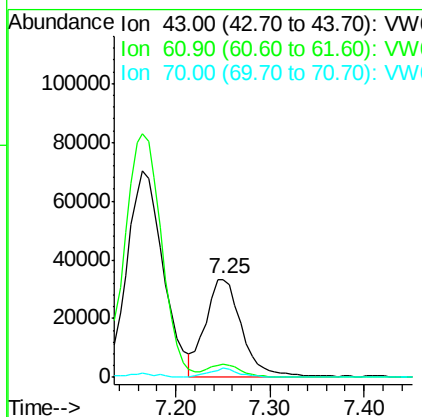
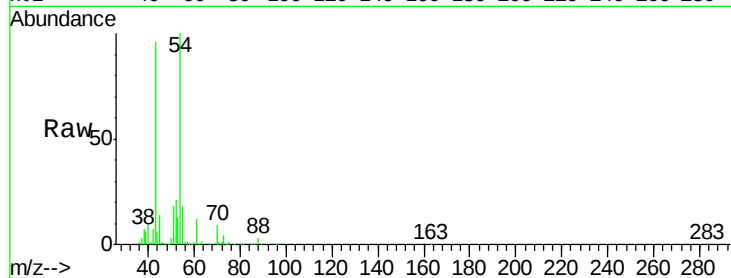
#37
Ethyl Acetate
Concen: 19.801 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.6	14.4
70	8.2	6.5	9.7

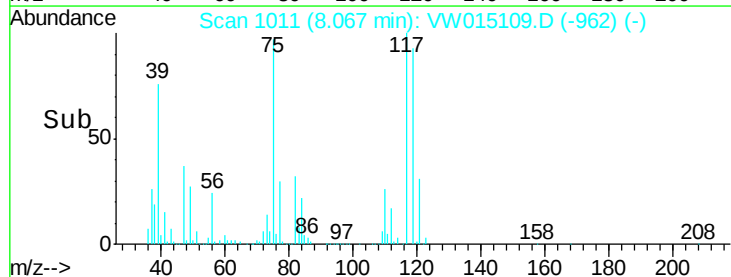
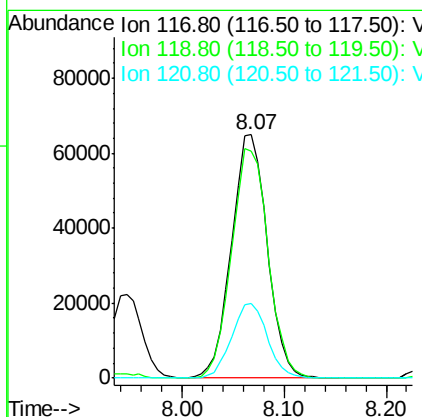
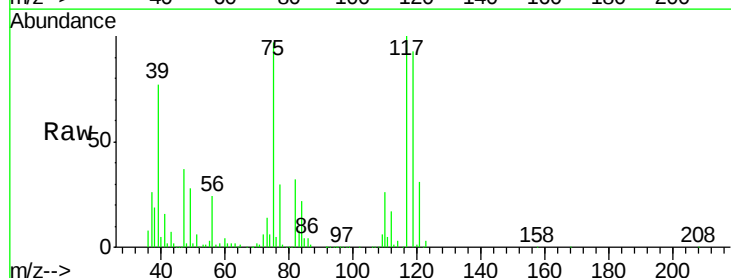
Manual Integrations
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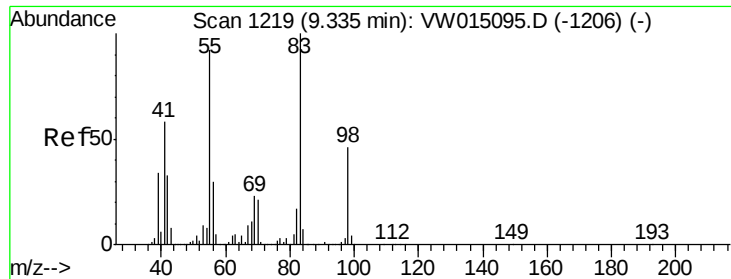
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3/11/2020 3:22:09 PM



#38
Carbon Tetrachloride
Concen: 21.743 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.8
121	30.8	24.5	36.7





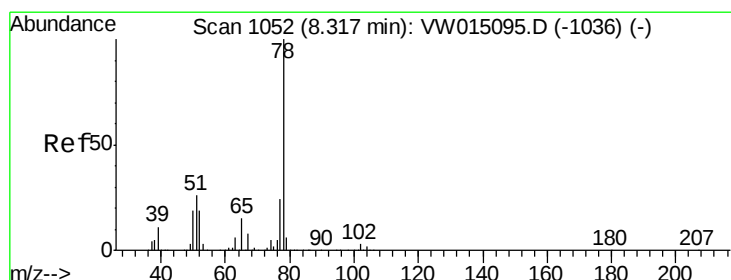
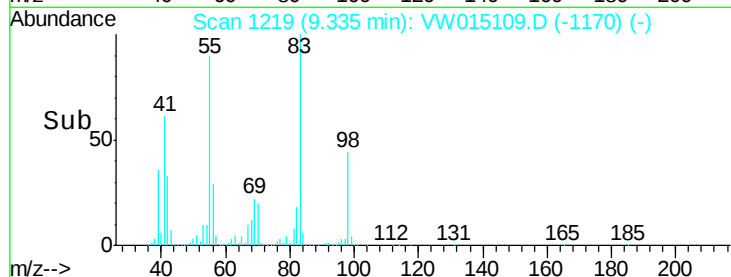
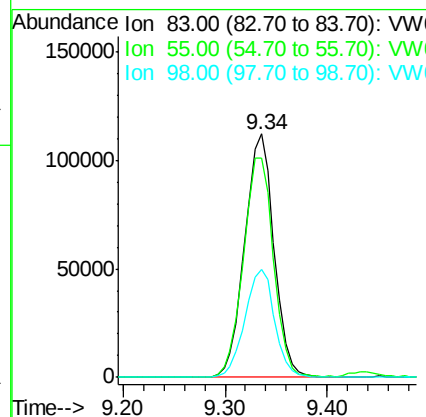
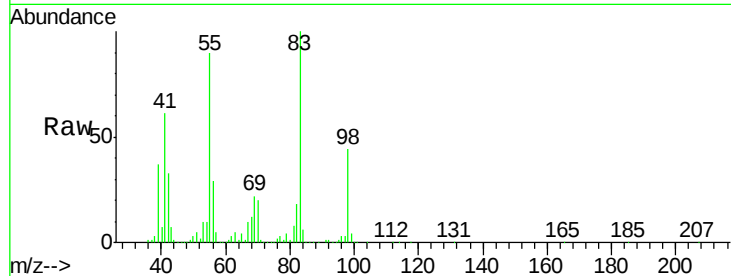
#39
Methvlcvclohexane
Concen: 21.913 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.0	73.5	110.3
98	44.4	37.2	55.8

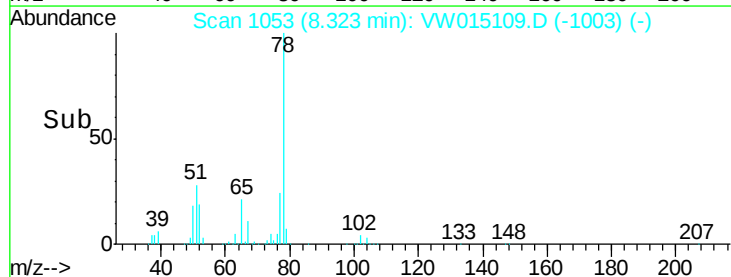
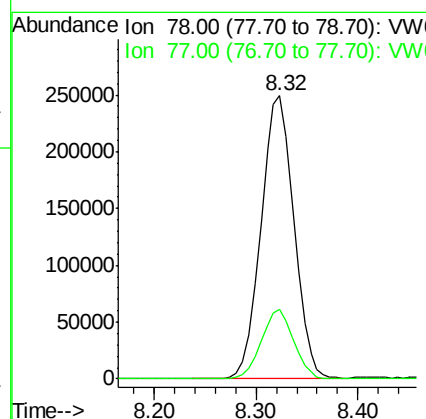
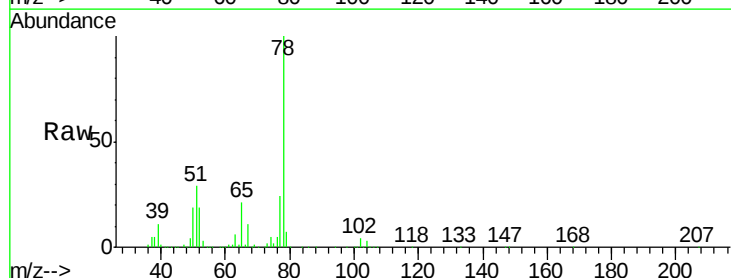
Manual Integrations
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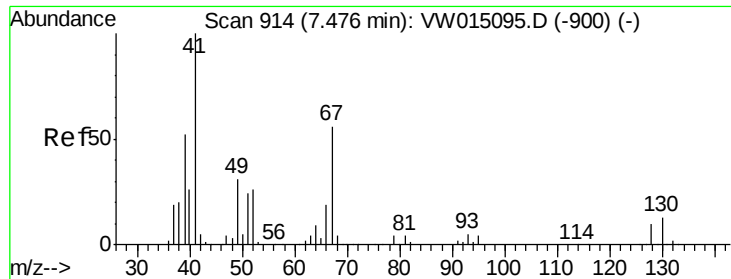
MMDadoda
3/11/2020 3:22:09 PM



#40
Benzene
Concen: 22.543 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





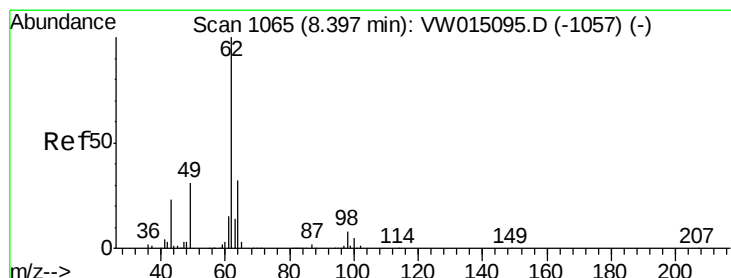
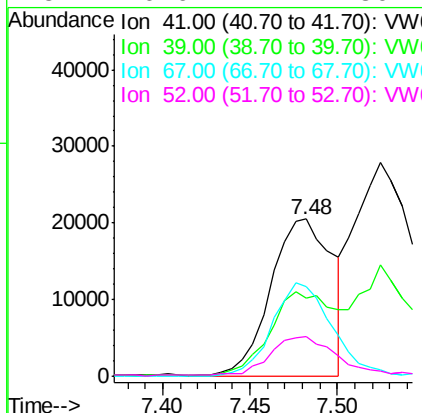
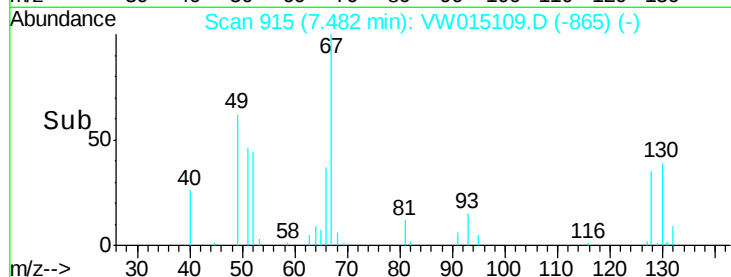
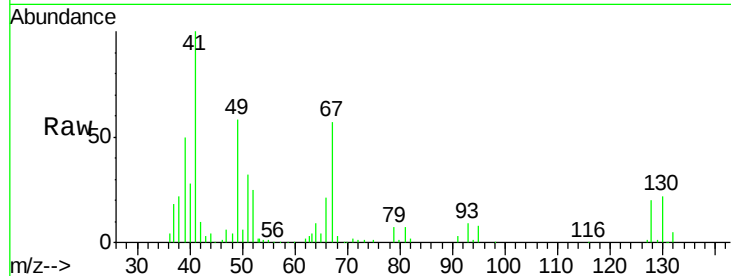
#41
Methacrylonitrile
Concen: 21.348 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	41	Resp	50272
Ion Ratio	Lower	Upper	
41	100		
39	53.7	49.0	73.4
67	58.4	50.4	75.6
52	26.6	24.2	36.4

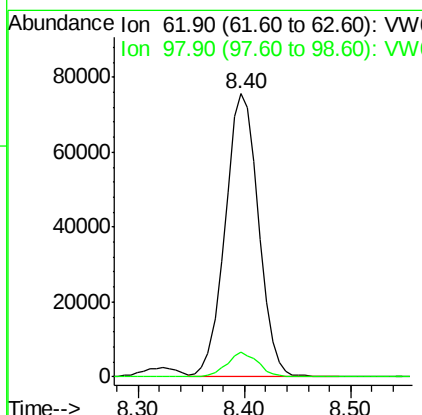
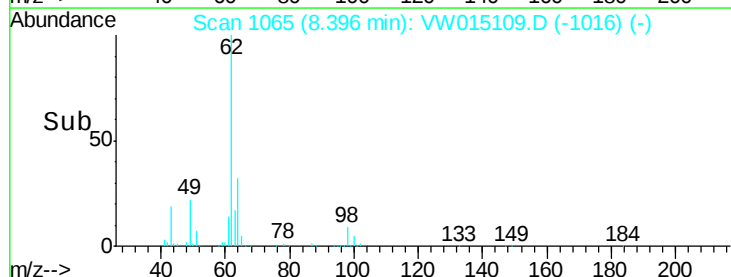
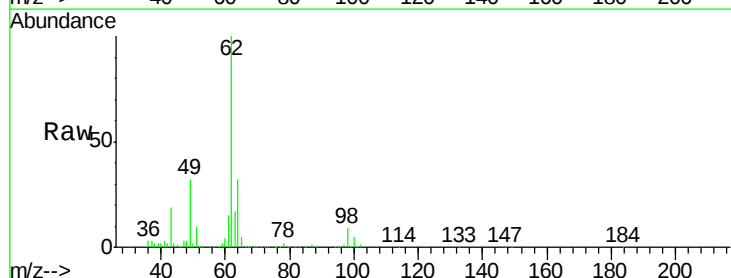
Manual Integrations
APPROVED

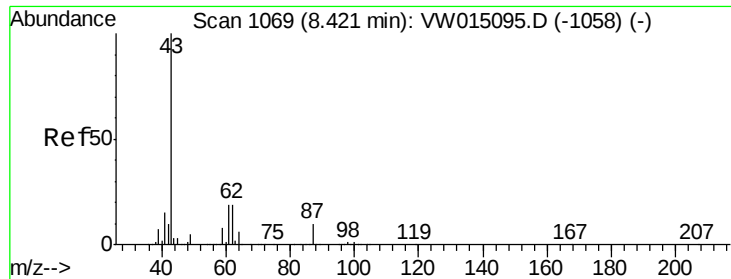
MMDadoda
3/11/2020 3:22:09 PM



#42
1,2-Dichloroethane
Concen: 21.816 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	62	Resp	165019
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 20.375 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

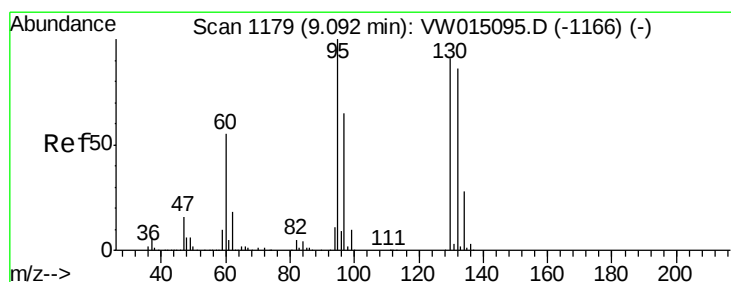
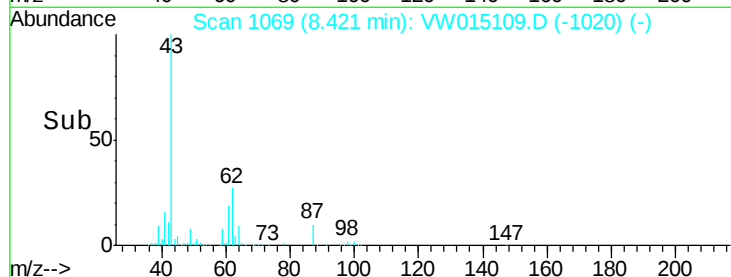
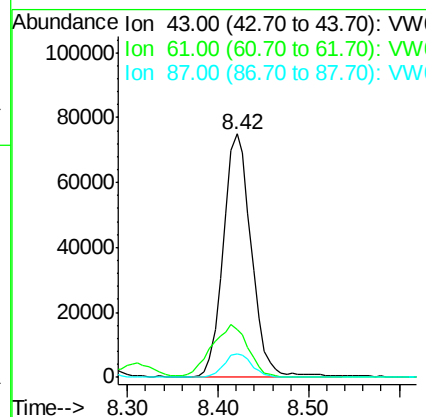
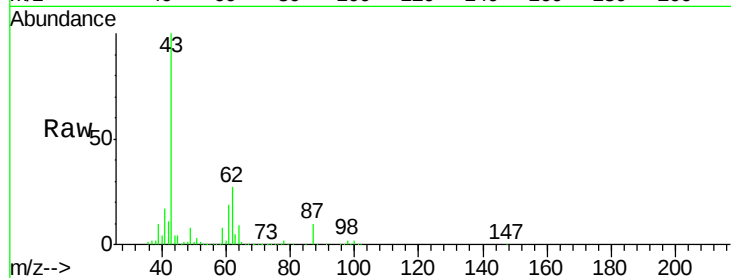
ClientSampleId :

VW0310SBS01

Tot Ion:	43	Resp:	162649
Ion	Ratio	Lower	Upper
43	100		
61	28.0	21.8	32.8
87	9.8	8.0	12.0

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#44

Trichloroethene

Concen: 21.636 ug/l

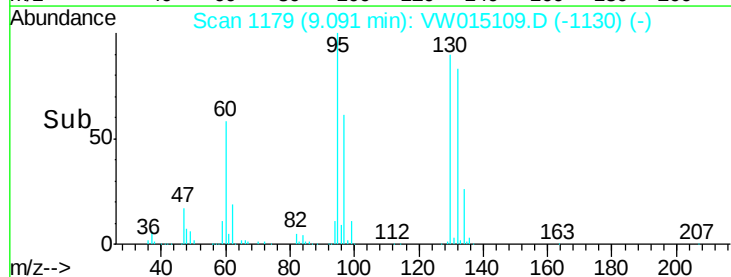
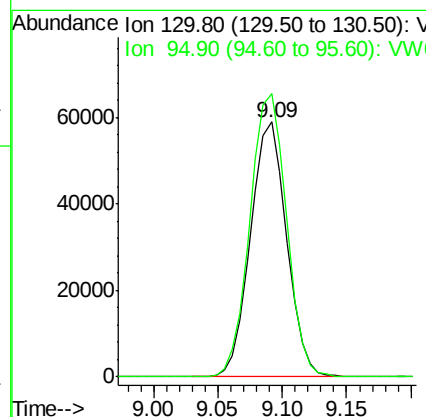
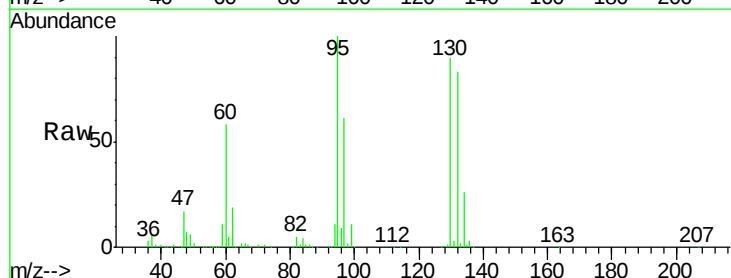
RT: 9.09 min Scan# 1179

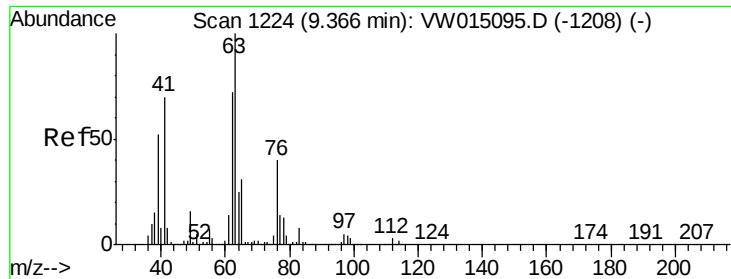
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion:	130	Resp:	114348
Ion	Ratio	Lower	Upper
130	100		
95	111.0	0.0	219.8





#45

1,2-Dichloropropane

Concen: 22.207 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 63 Resp: 148489

Ion Ratio Lower Upper

63 100

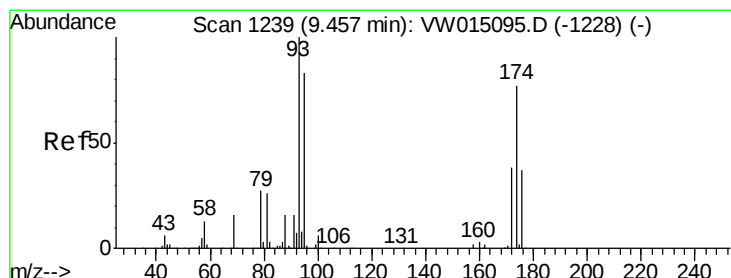
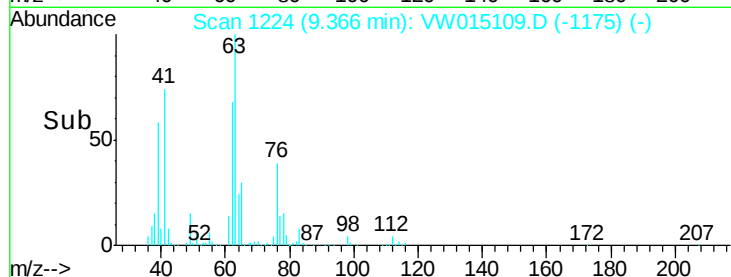
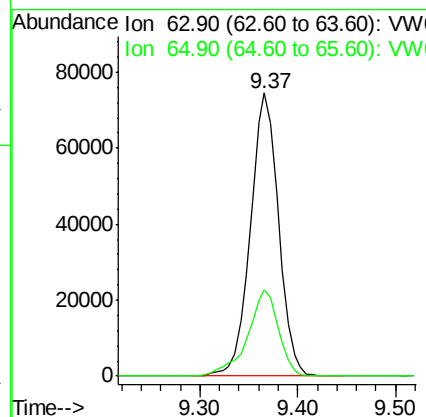
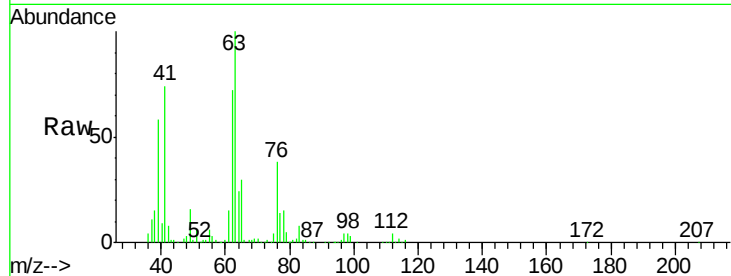
65 30.2 24.6 36.8

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#46

Dibromomethane

Concen: 20.980 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

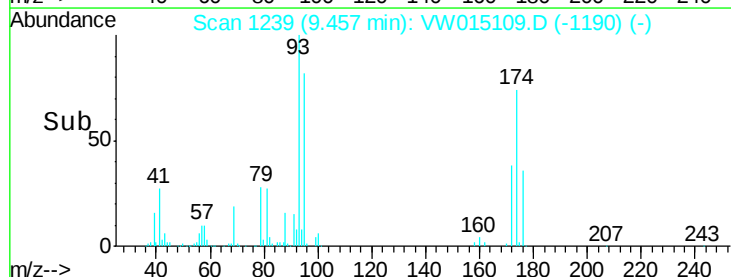
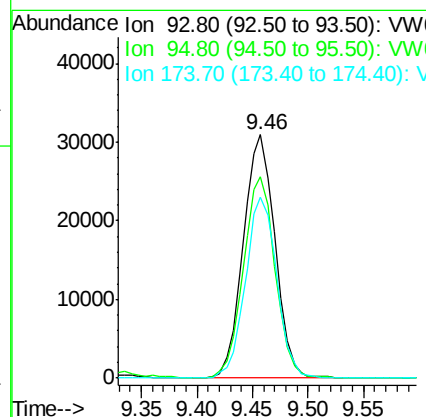
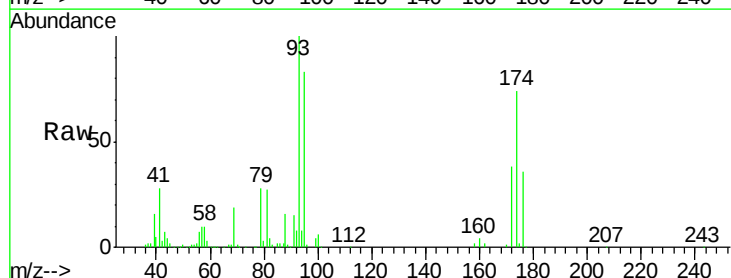
Tgt Ion: 93 Resp: 60997

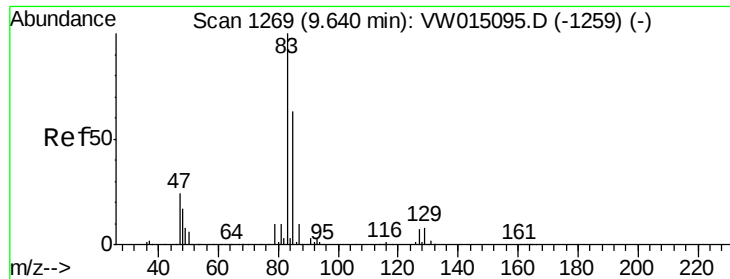
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 74.1 60.6 91.0





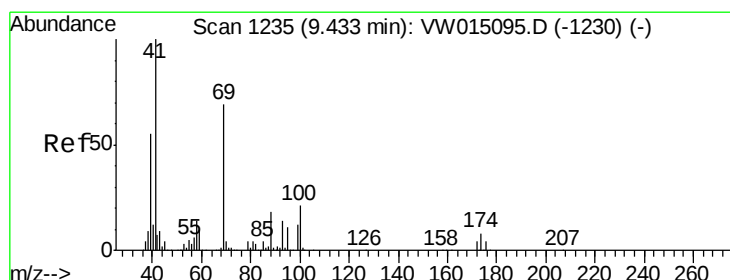
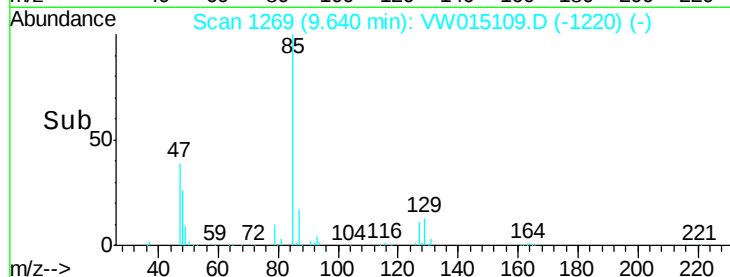
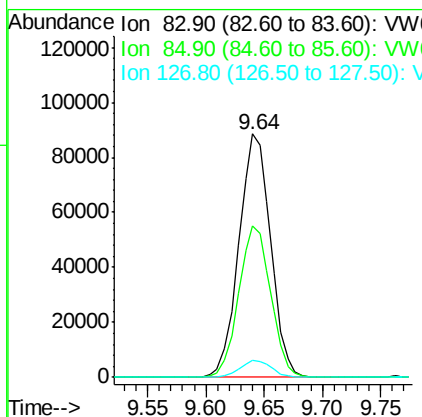
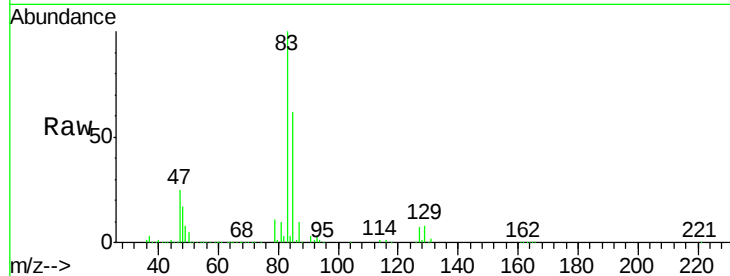
#47
Bromodichloromethane
Concen: 21.684 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	83	Resp	168318
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	50.7	76.1
127	7.1	5.5	8.3

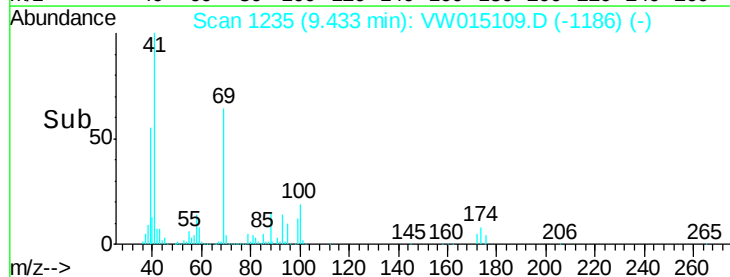
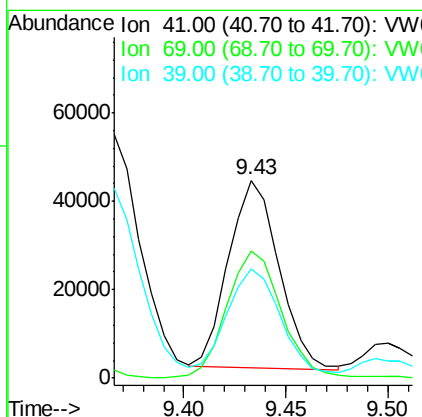
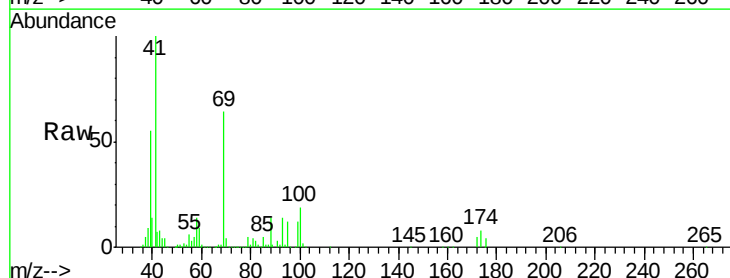
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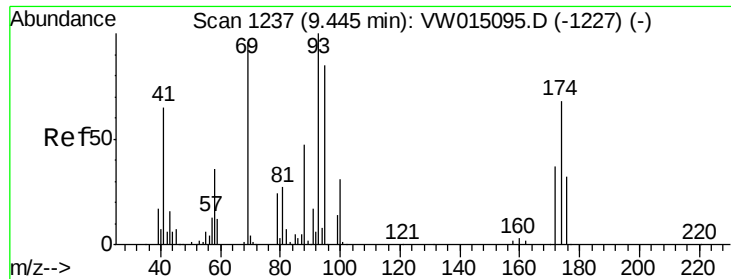
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#48
Methyl methacrylate
Concen: 19.392 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	41	Resp	72666
Ion Ratio	100	Lower	Upper
41	100		
69	73.3	58.7	88.1
39	56.9	45.1	67.7





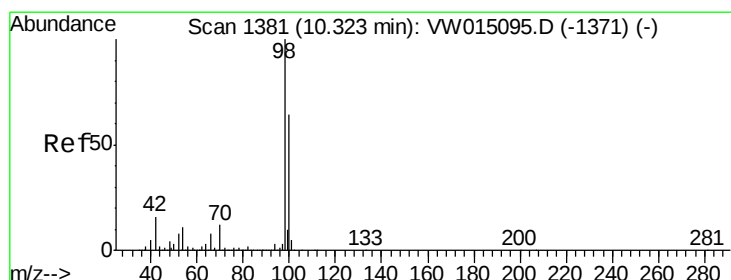
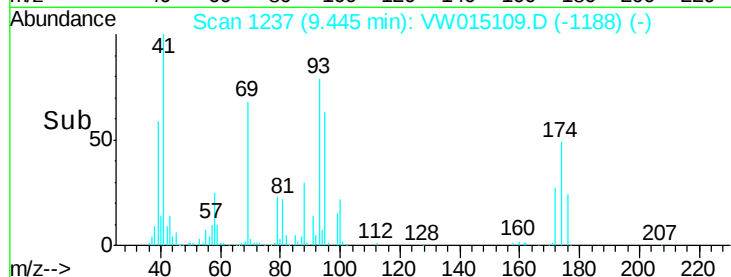
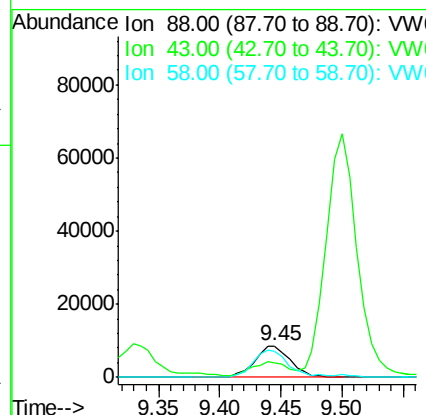
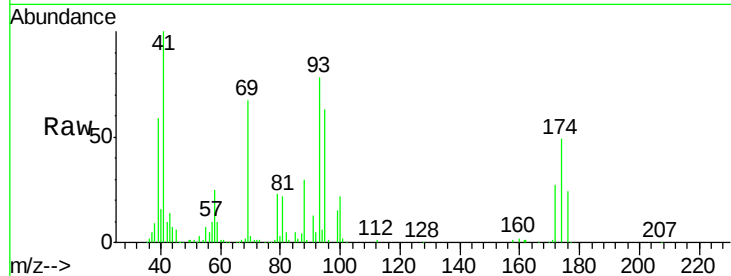
#49
1,4-Dioxane
Concen: 390.645 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	88	Resp	17389
Ion Ratio	Lower	Upper	
88	100		
43	46.1	35.8	53.8
58	86.1	64.0	96.0

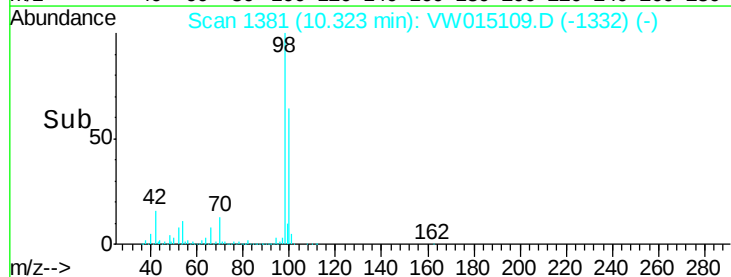
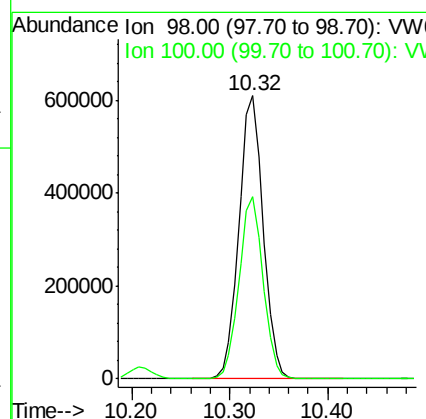
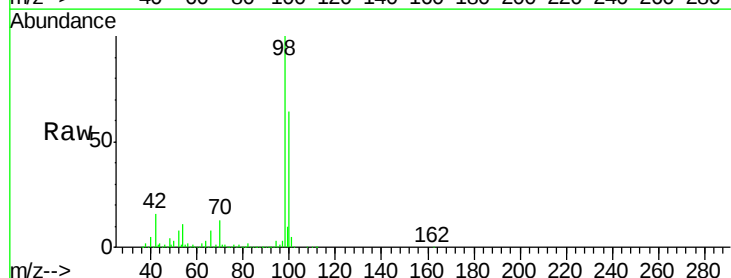
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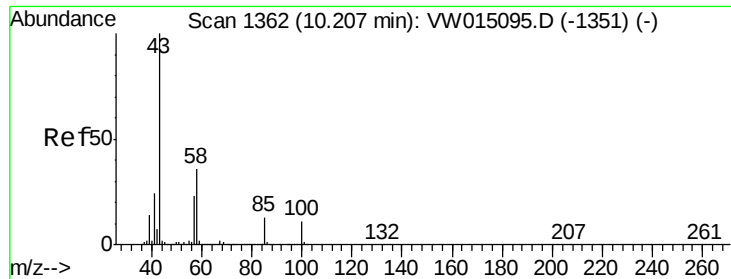
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#50
Toluene-d8
Concen: 54.333 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	98	Resp	1049452
Ion Ratio	Lower	Upper	
98	100		
100	63.8	52.2	78.2





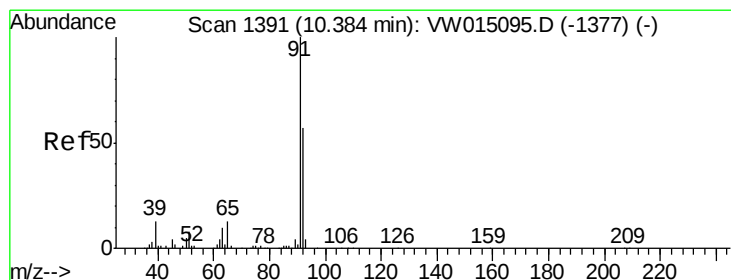
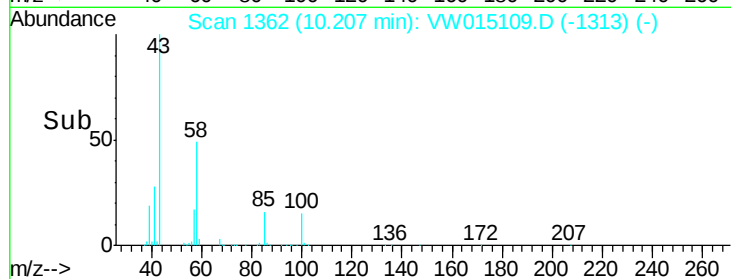
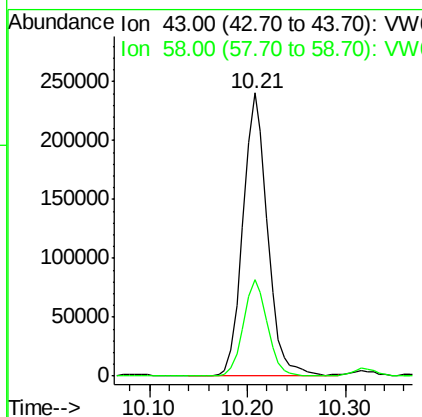
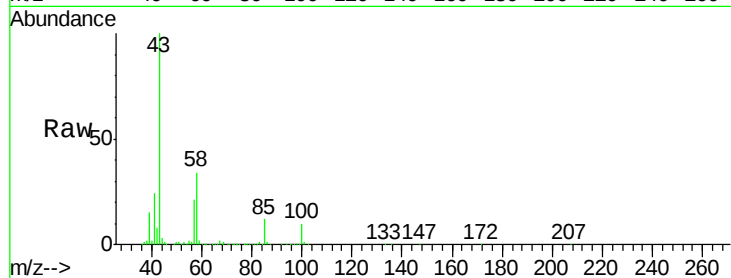
#51
 4-Methyl-2-Pentanone
 Concen: 94.767 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0310SBS01

Tot Ion	43	Resp	417851
Ion Ratio	100	Lower	Upper
43	100		
58	33.5	28.0	42.0

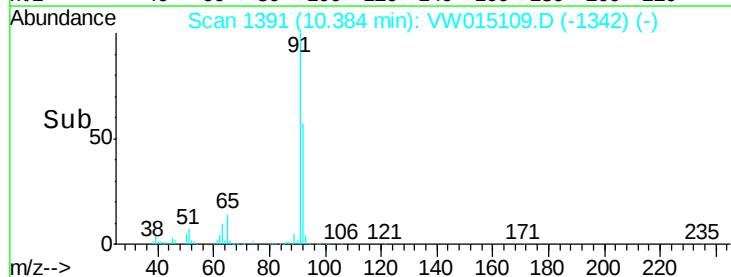
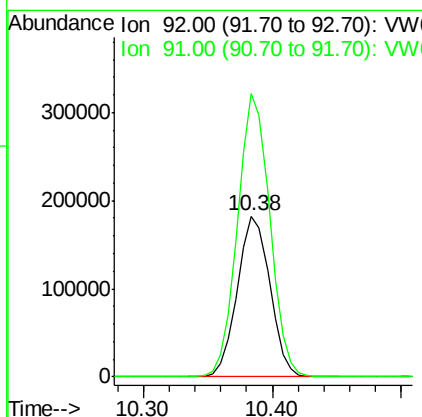
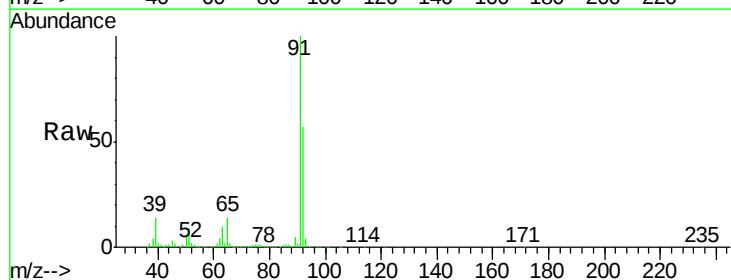
Manual Integrations
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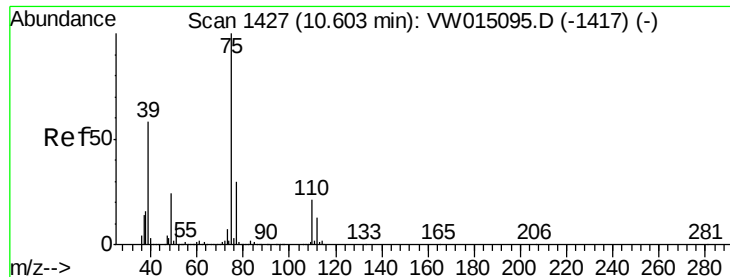
MMDadoda
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#52
 Toluene
 Concen: 22.340 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Tgt Ion	92	Resp	318641
Ion Ratio	100	Lower	Upper
92	100		
91	174.8	138.9	208.3





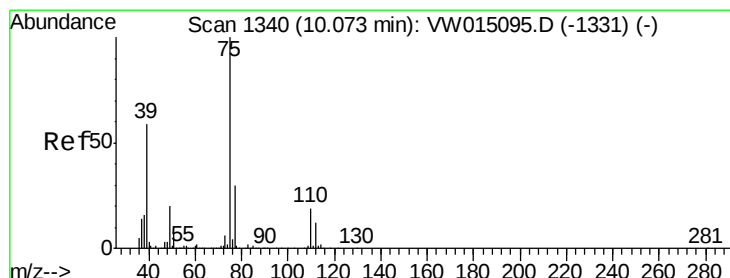
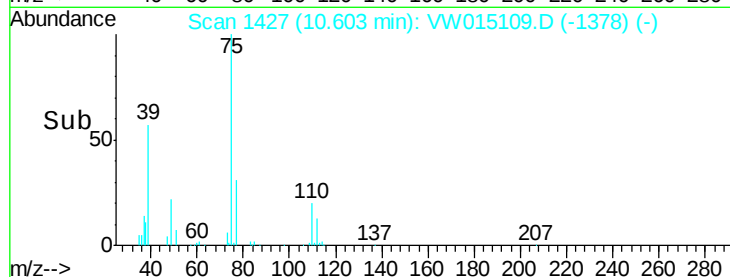
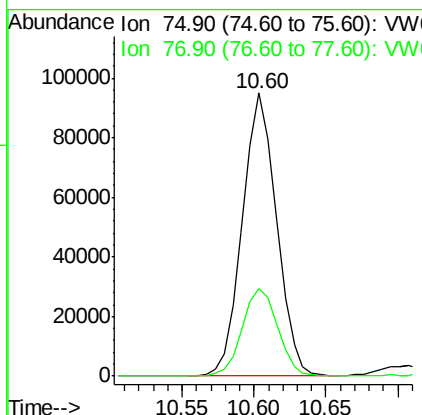
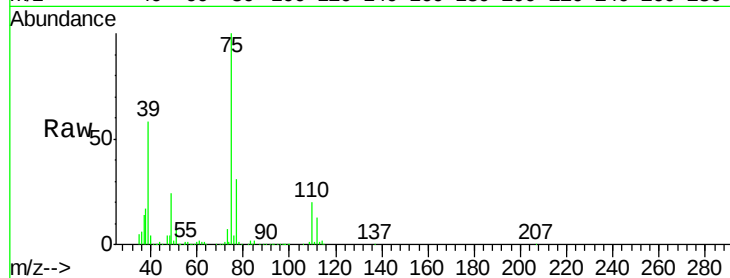
#53
t-1,3-Dichloropropene
Concen: 20.511 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	75	Resp	156634
Ion Ratio	Lower	Upper	
75	100		
77	30.9	24.4	36.6

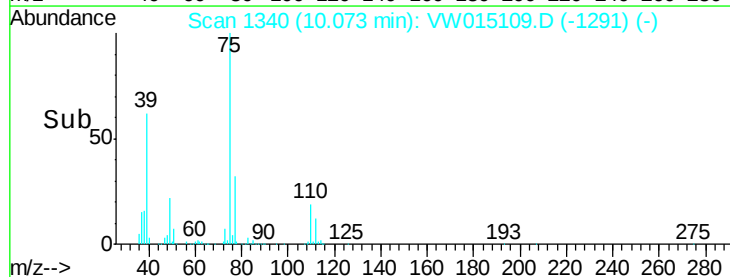
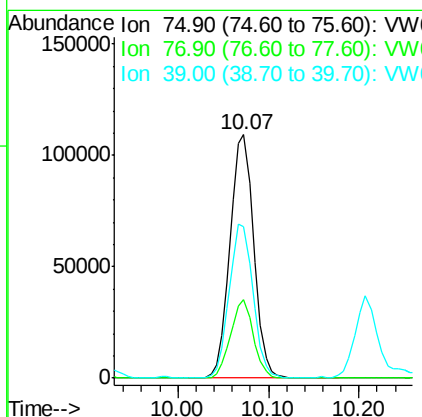
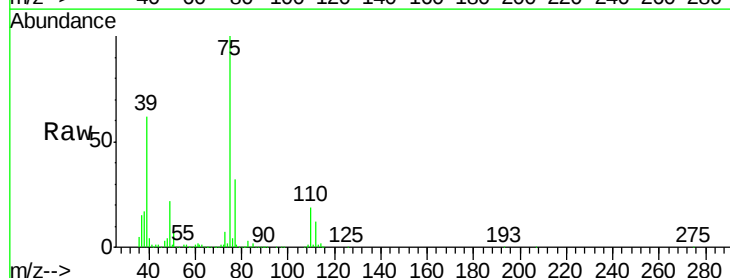
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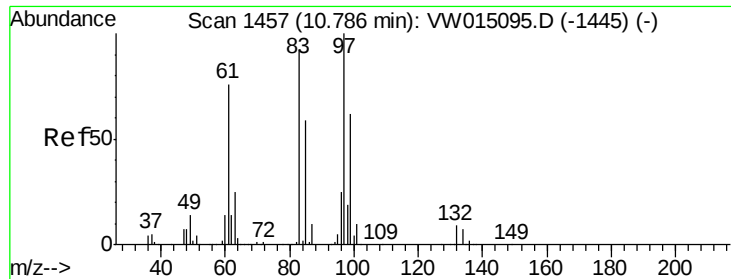
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.387 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	75	Resp	198950
Ion Ratio	Lower	Upper	
75	100		
77	32.0	24.3	36.5
39	62.2	47.0	70.6





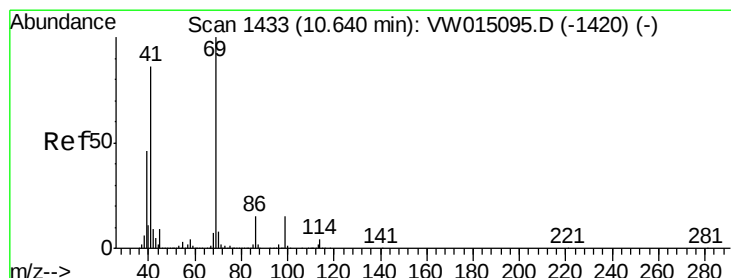
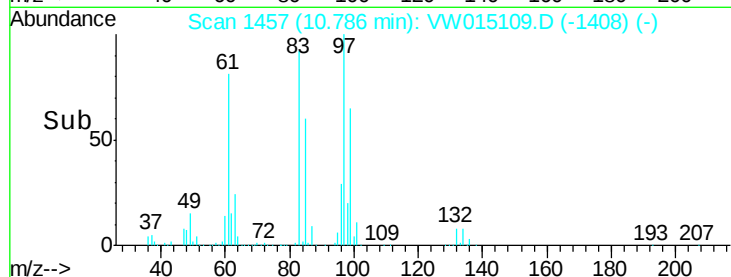
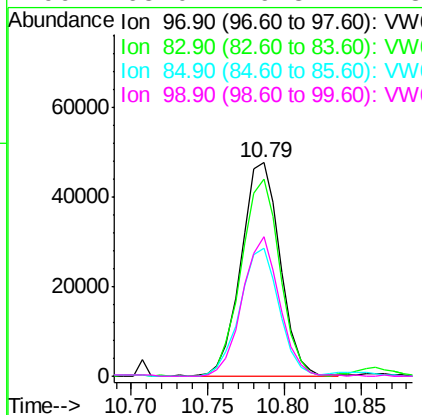
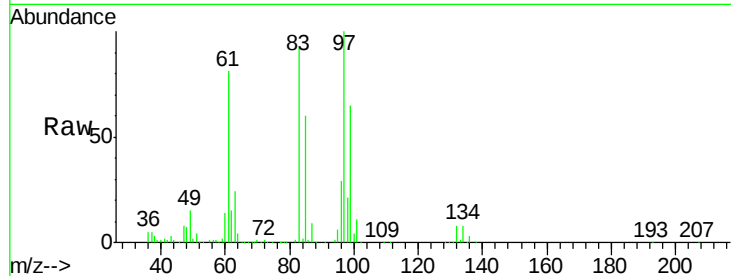
#55
 1,1,2-Trichloroethane
 Concen: 21.232 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0310SBS01

Tot Ion:	97	Resp:	84586
Ion	Ratio	Lower	Upper
97	100		
83	92.2	74.0	111.0
85	59.8	46.9	70.3
99	65.0	49.8	74.8

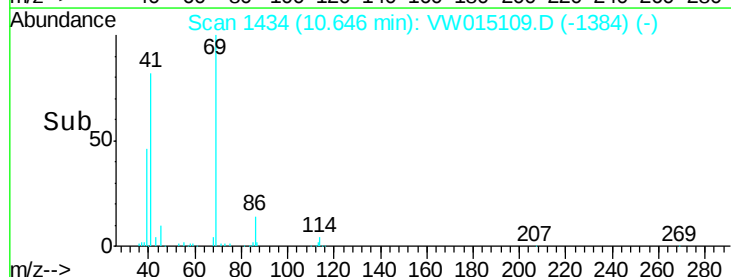
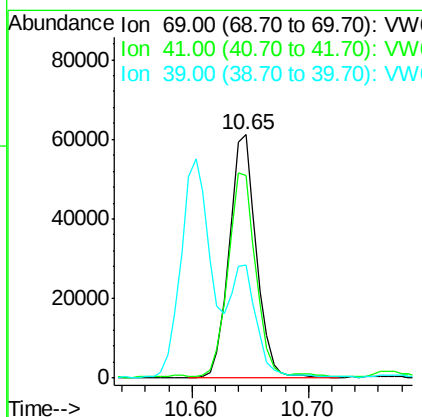
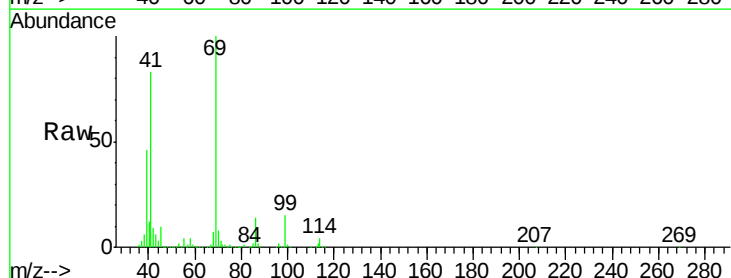
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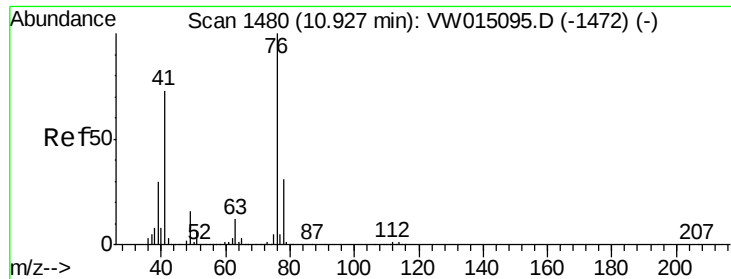
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#56
 Ethyl methacrylate
 Concen: 18.665 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Tgt Ion:	69	Resp:	99557
Ion	Ratio	Lower	Upper
69	100		
41	85.1	65.8	98.6
39	42.7	31.2	46.8





#57

1,3-Dichloropropane

Concen: 21.126 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 76 Resp: 160235

Ion Ratio Lower Upper

76 100

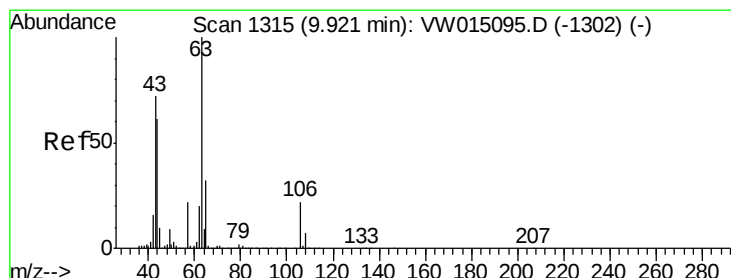
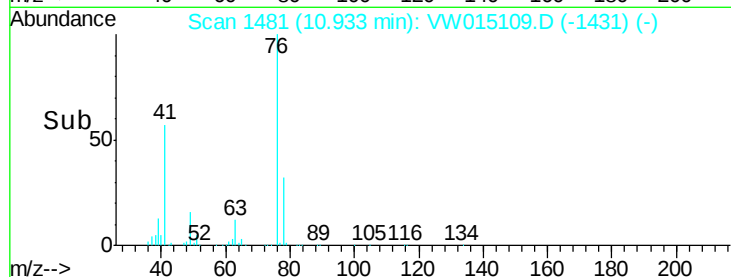
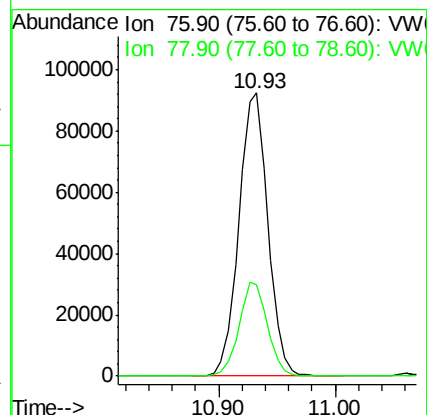
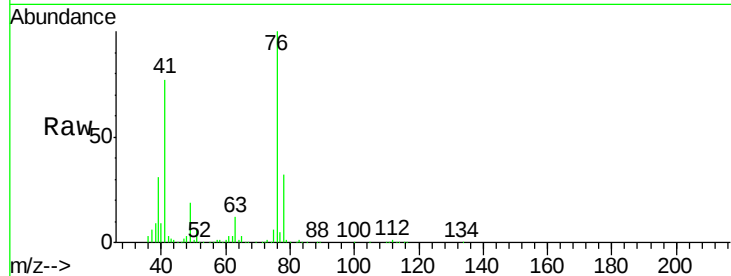
78 32.5 25.3 37.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.399 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW015109.D

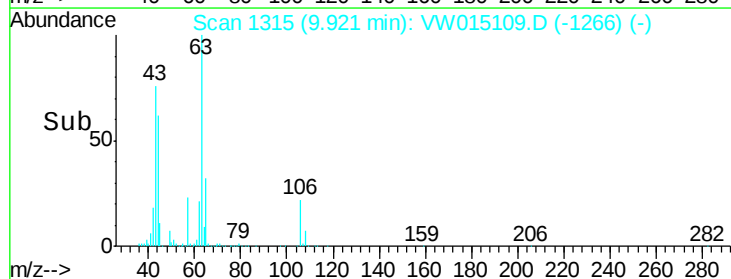
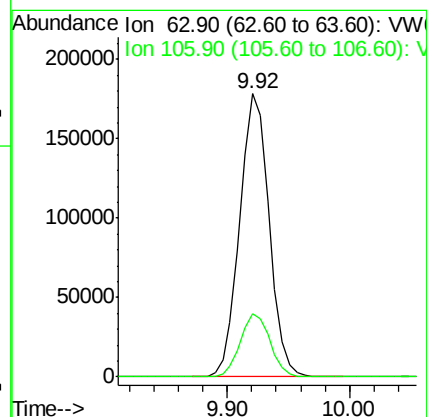
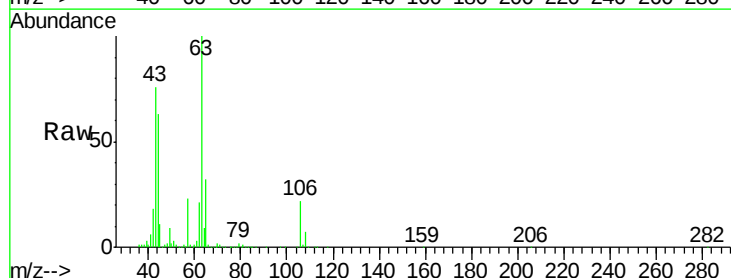
Acq: 10 Mar 2020 13:17

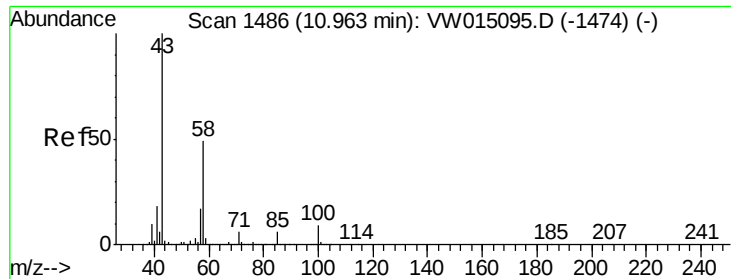
Tgt Ion: 63 Resp: 296783

Ion Ratio Lower Upper

63 100

106 22.4 18.0 27.0





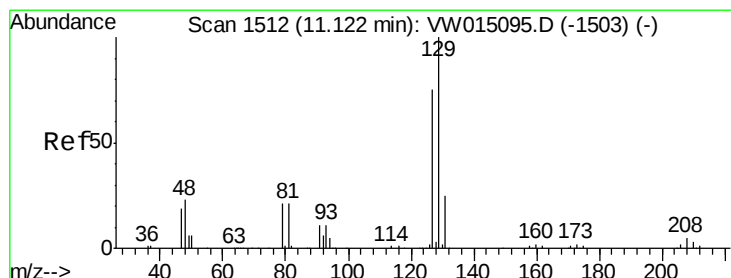
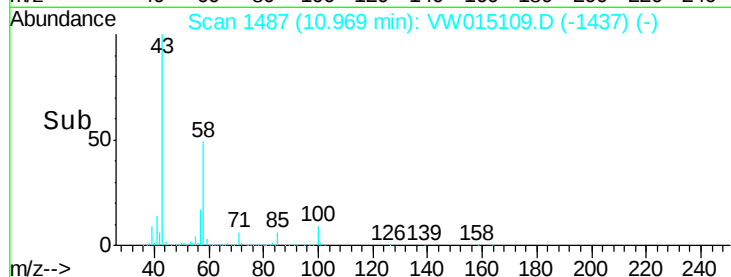
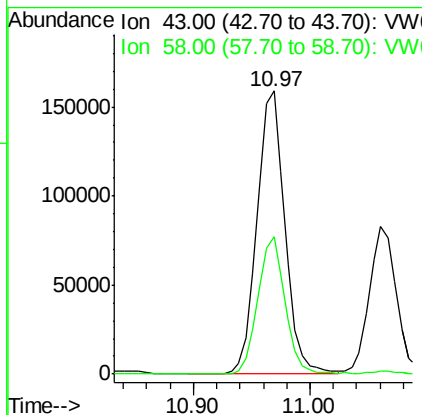
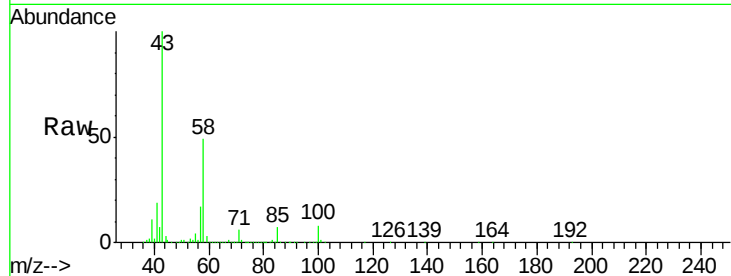
#59
2-Hexanone
Concen: 90.464 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion: 43 Resp: 265365
Ion Ratio Lower Upper
43 100
58 47.5 24.6 73.8

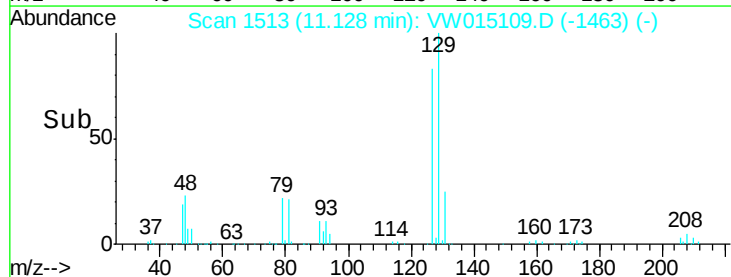
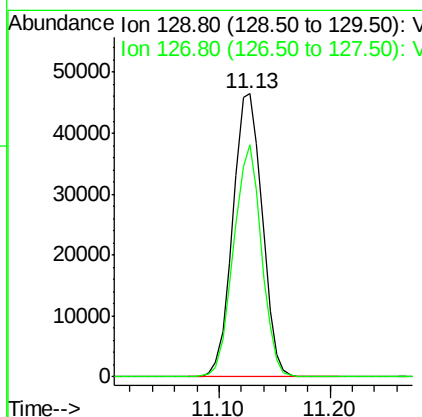
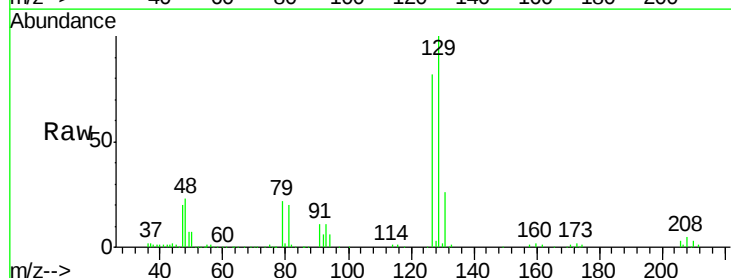
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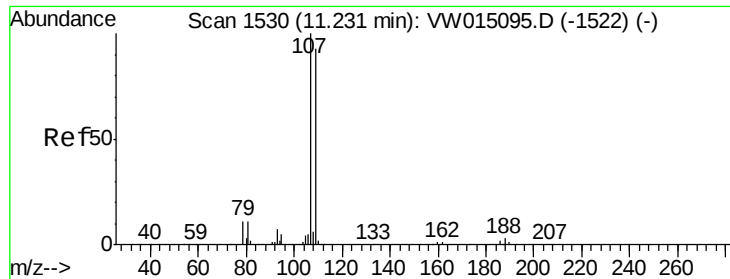
MMDadoda
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#60
Dibromochloromethane
Concen: 20.701 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion: 129 Resp: 85177
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.411 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 107 Resp: 72088

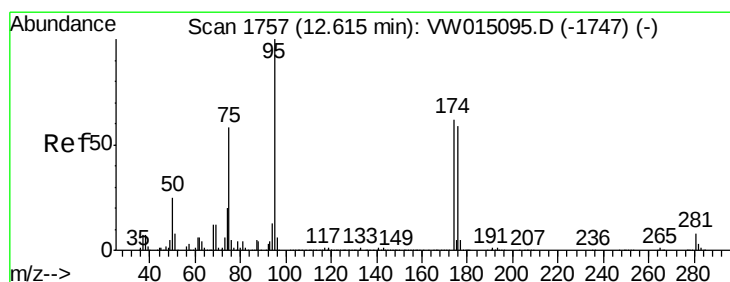
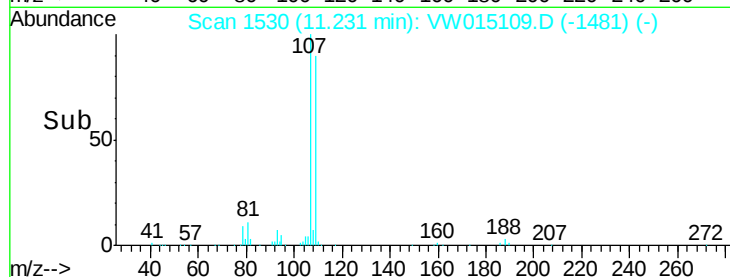
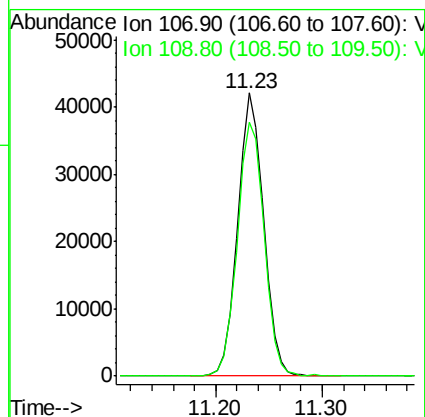
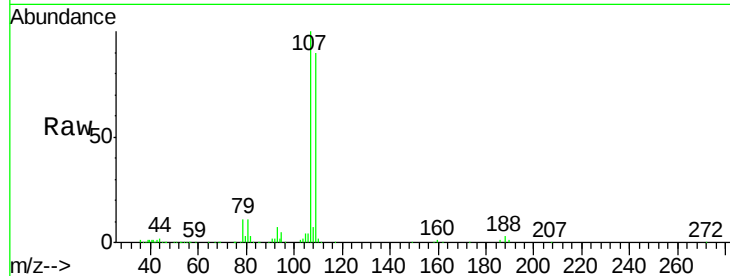
Ion Ratio Lower Upper

107 100

109 93.0 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 54.304 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

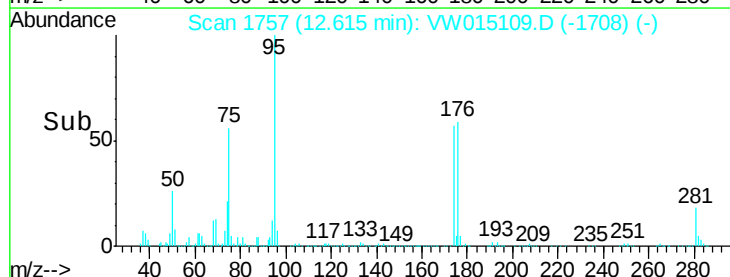
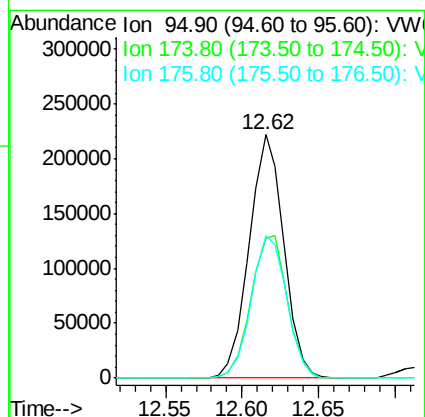
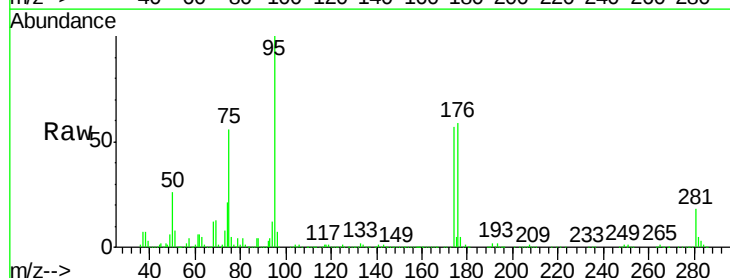
Tgt Ion: 95 Resp: 348418

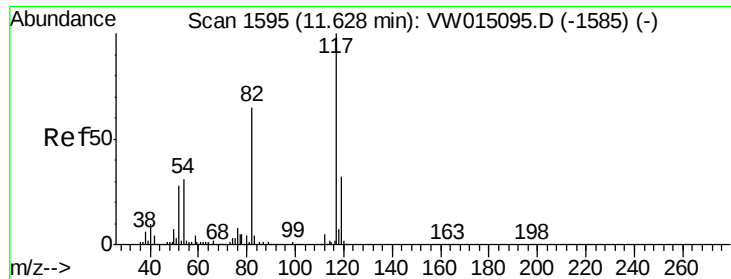
Ion Ratio Lower Upper

95 100

174 61.5 0.0 126.8

176 60.0 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: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

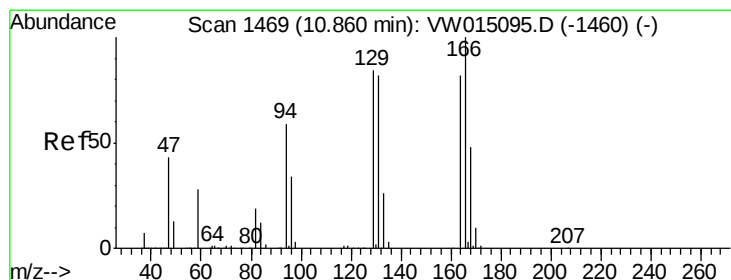
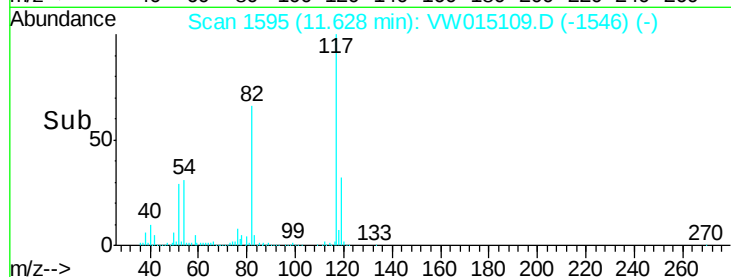
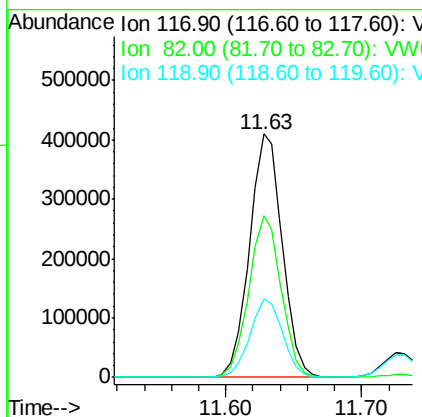
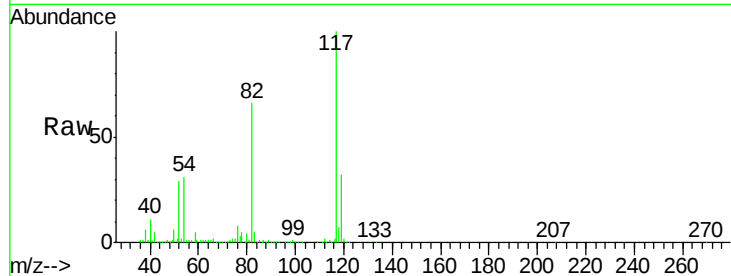
ClientSampleId :

VW0310SBS01

Tot Ion:	117	Resp:	690906
Ion Ratio	Lower	Upper	
117	100		
82	66.2	52.2	78.2
119	32.4	25.4	38.0

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#64

Tetrachloroethene

Concen: 21.133 ug/l

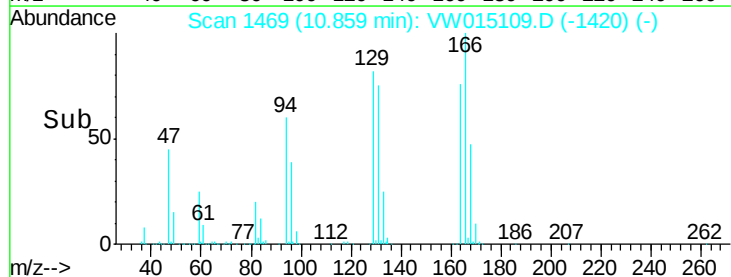
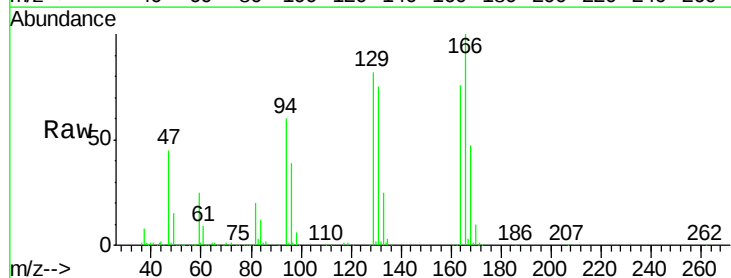
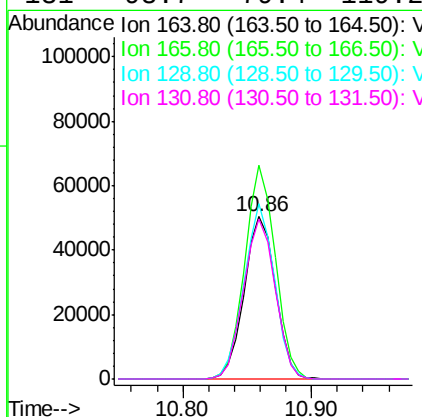
RT: 10.86 min Scan# 1469

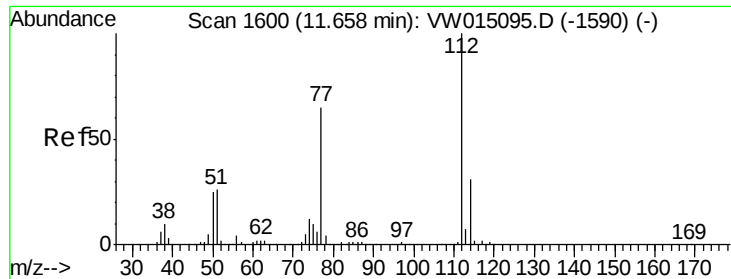
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion:	164	Resp:	84262
Ion Ratio	Lower	Upper	
164	100		
166	131.7	97.0	145.6
129	108.1	81.2	121.8
131	98.7	79.4	119.2





#65

Chlorobenzene

Concen: 21.868 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion:112 Resp: 303256

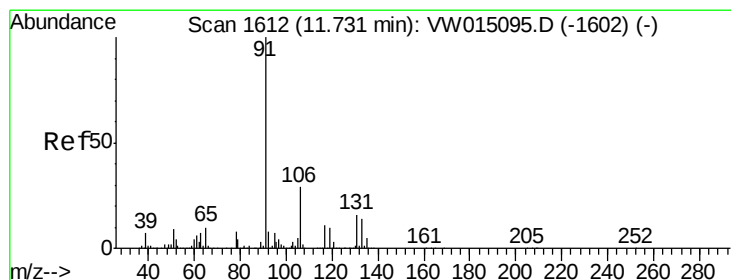
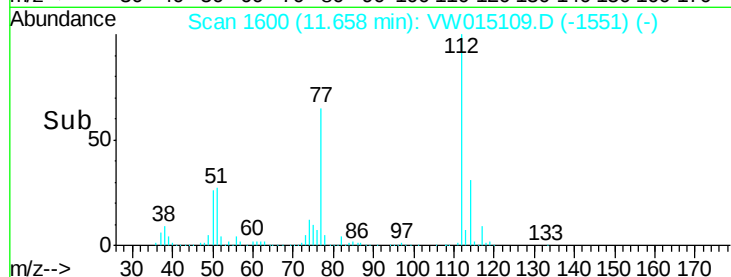
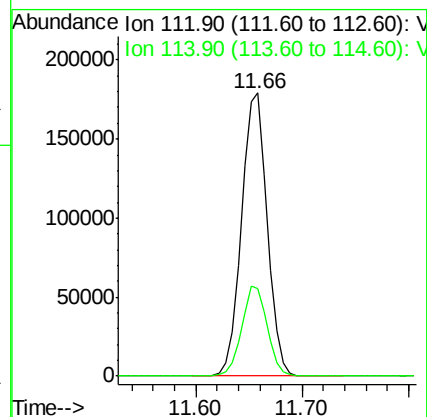
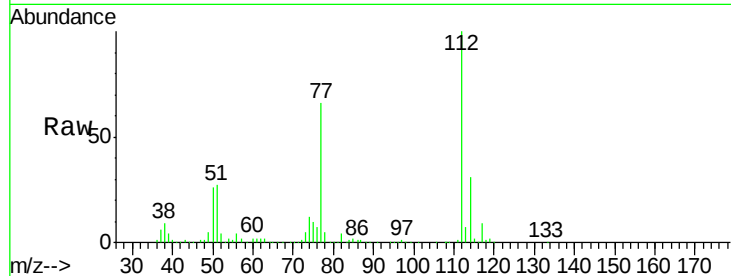
Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.323 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

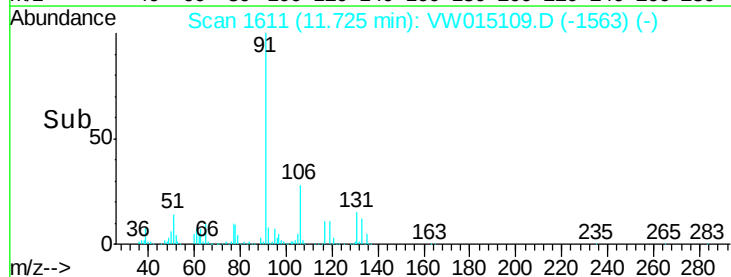
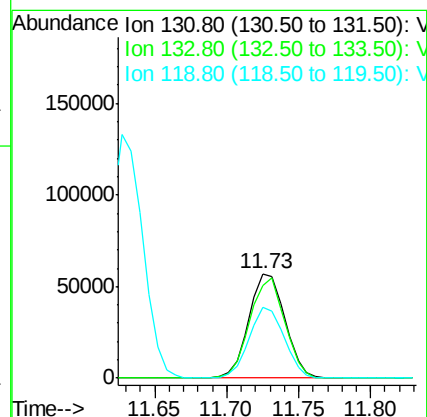
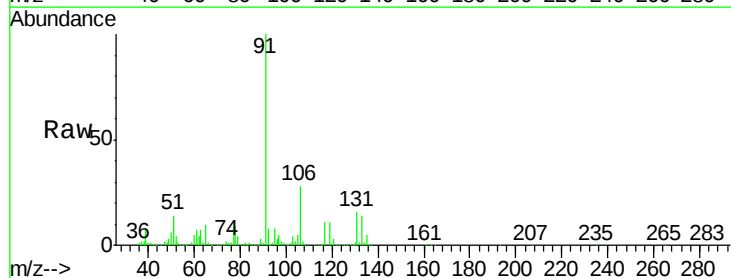
Tgt Ion:131 Resp: 98469

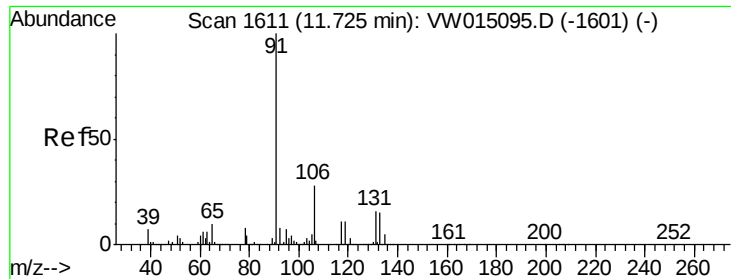
Ion Ratio Lower Upper

131 100

133 93.6 47.3 141.8

119 66.5 34.0 101.8





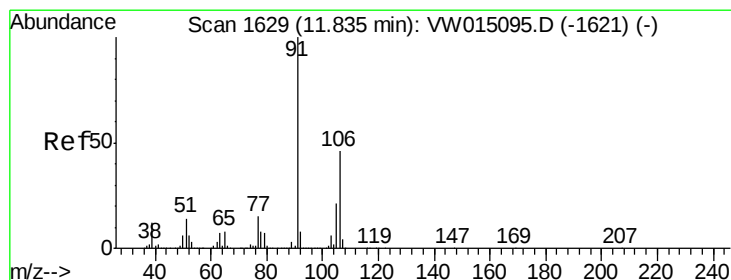
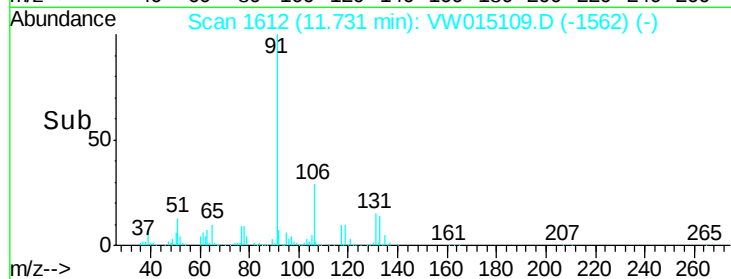
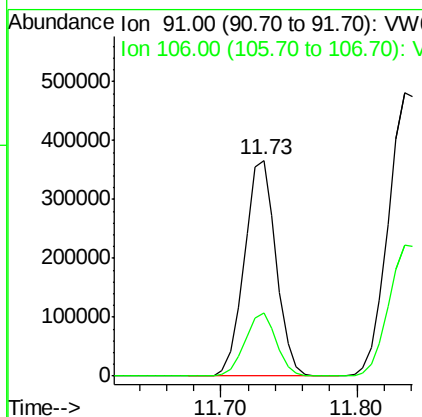
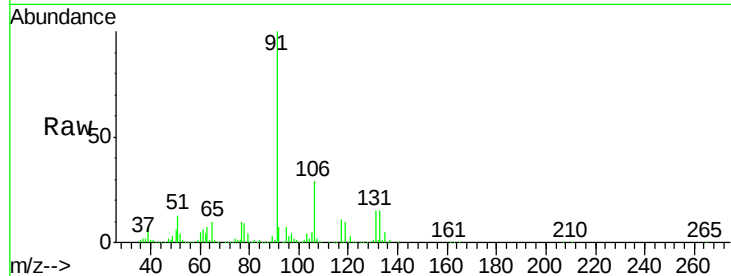
#67
Ethyl Benzene
Concen: 22.092 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.3	22.8	34.2

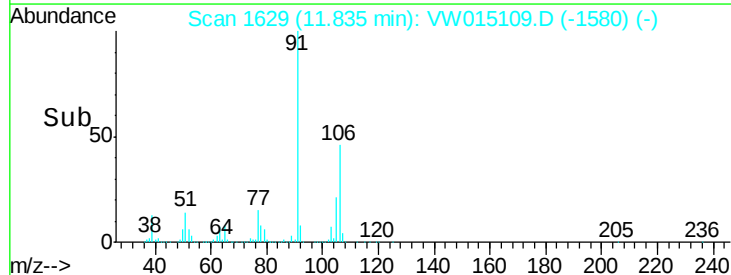
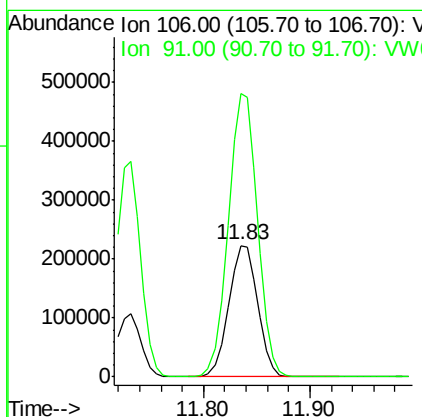
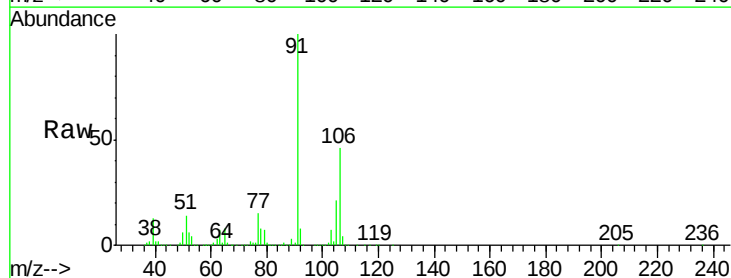
Manual Integrations
APPROVED

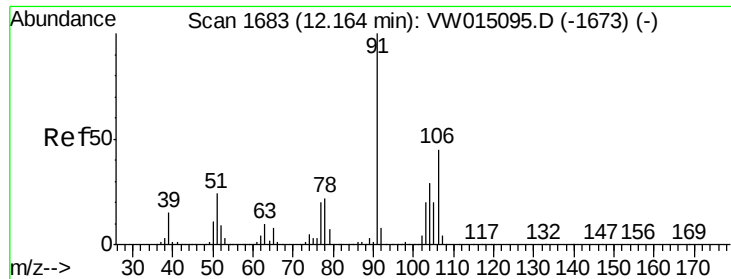
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#68
m/p-Xylenes
Concen: 44.413 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	217.1	172.3	258.5





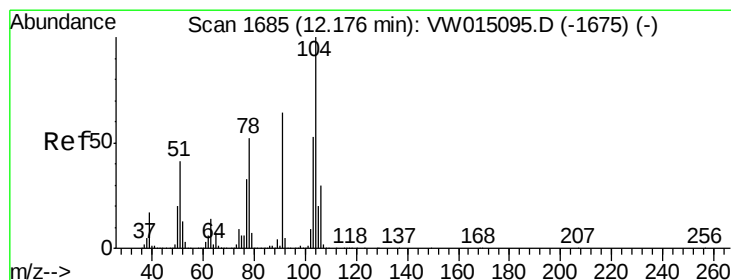
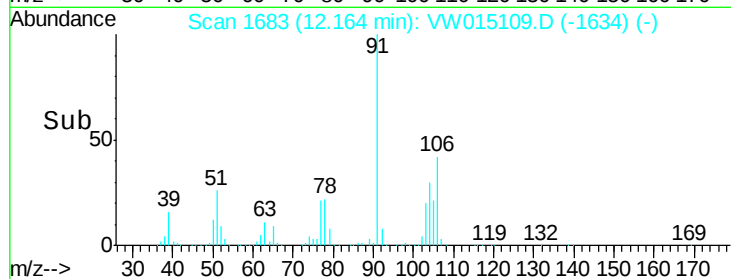
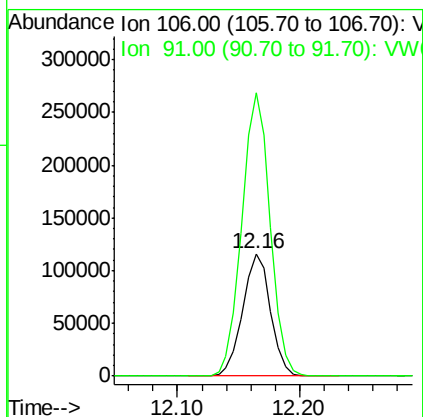
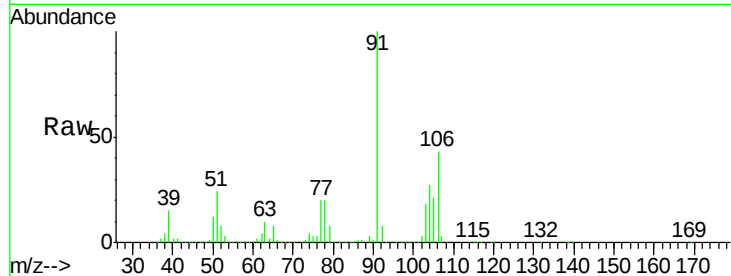
#69
o-Xylene
Concen: 21.356 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		183527		
91	233.7	112.6	337.8		

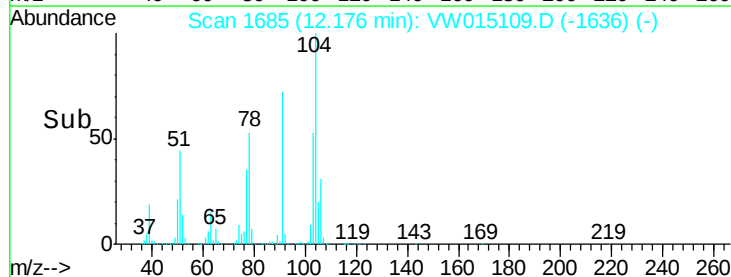
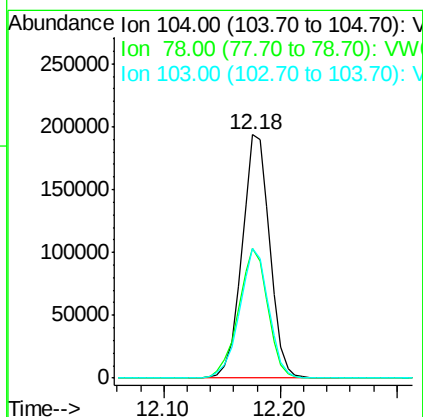
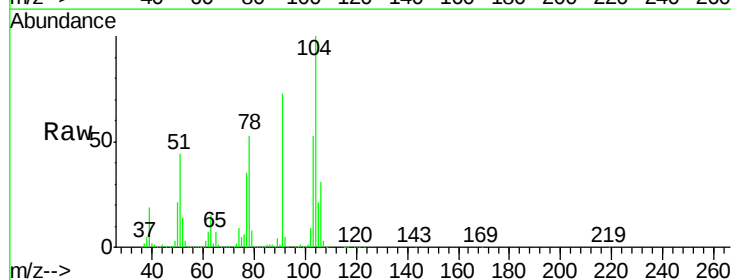
Manual Integrations
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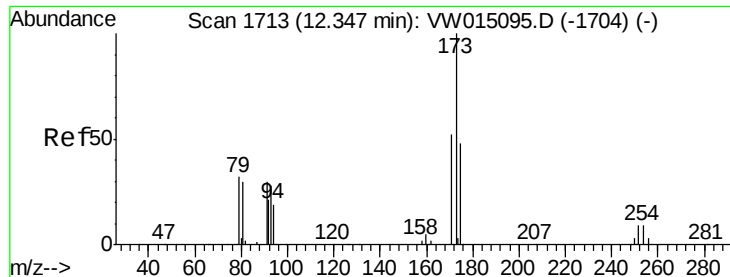
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#70
Styrene
Concen: 21.828 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		321408		
78	56.3	44.7	67.1		
103	55.8	44.7	67.1		





#71

Bromoform

Concen: 19.584 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

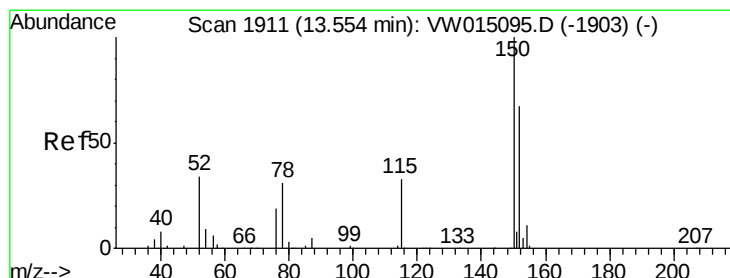
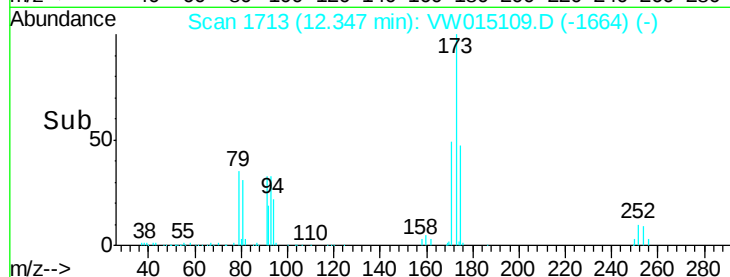
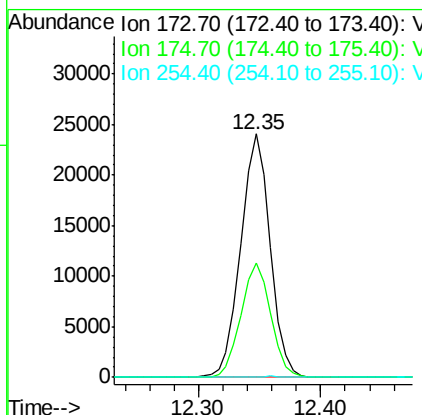
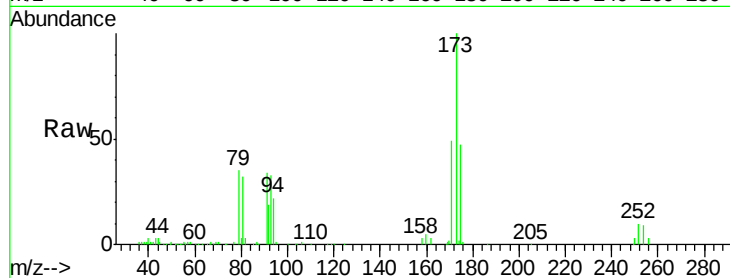
ClientSampleId :

VW0310SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.4
254	0.2	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

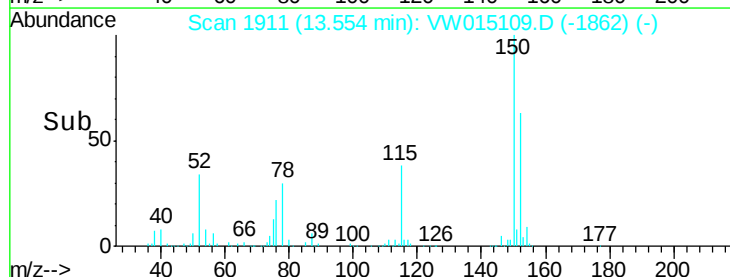
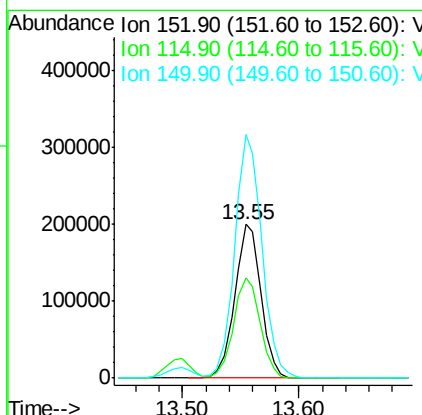
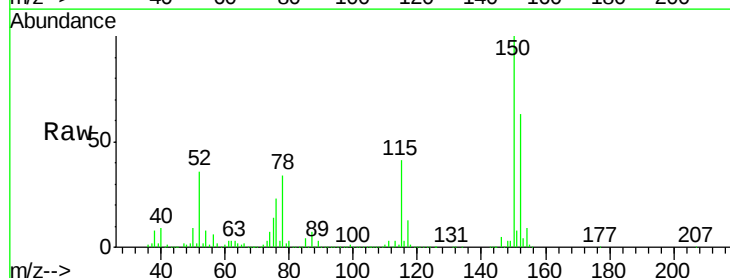
RT: 13.55 min Scan# 1911

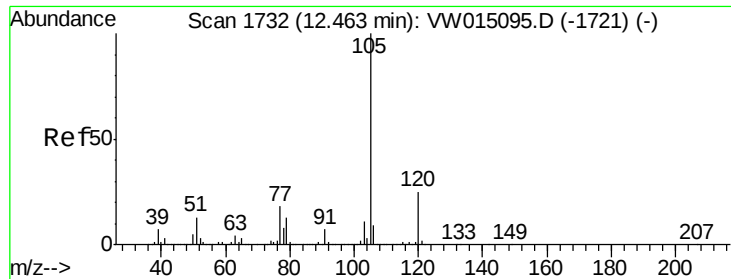
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	33.3	99.9
150	165.4	0.0	351.2





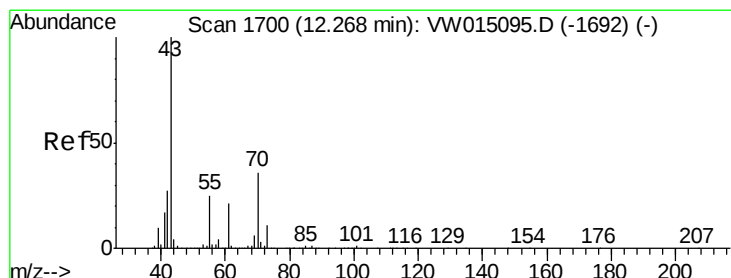
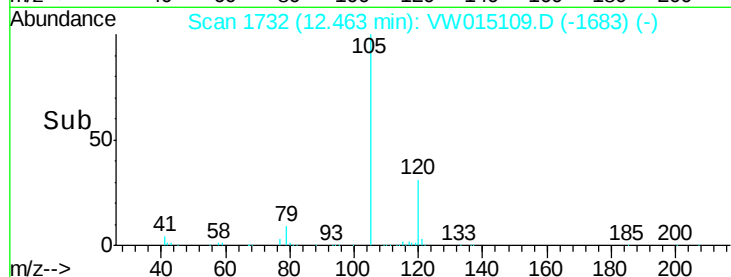
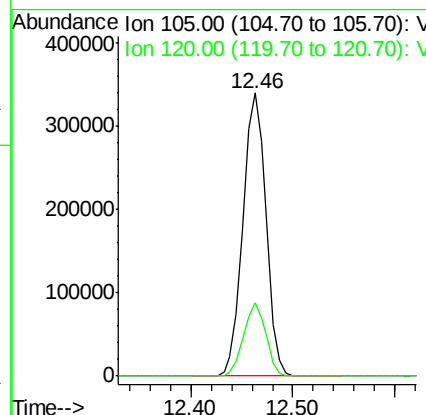
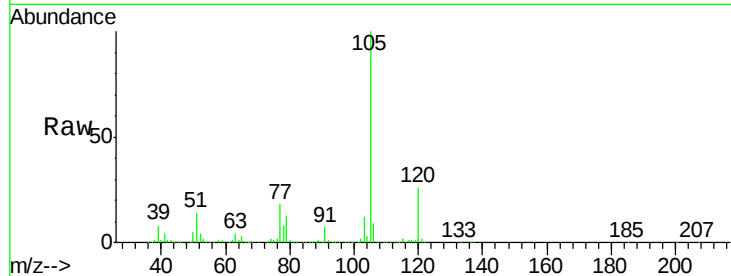
#73
Isopropylbenzene
Concen: 22.187 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	528065		
120	25.0	12.6	37.8	

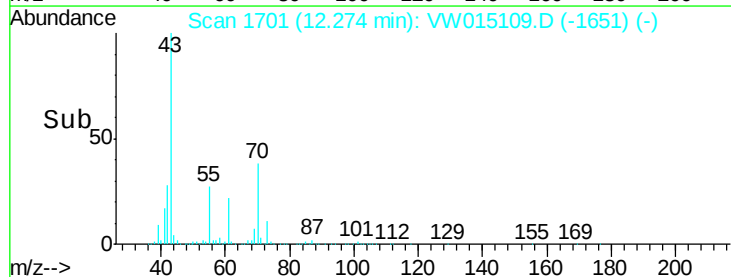
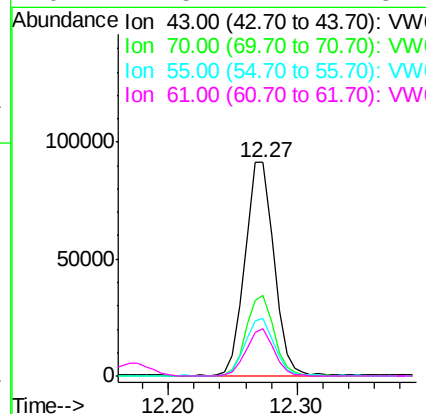
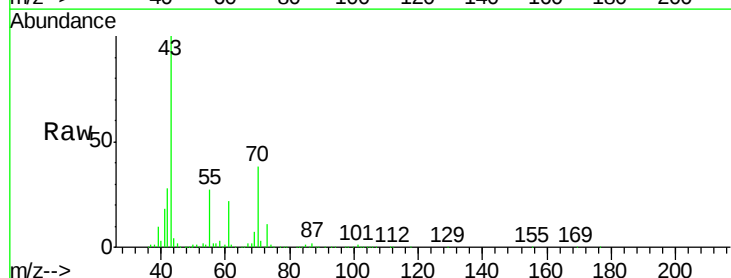
Manual Integrations
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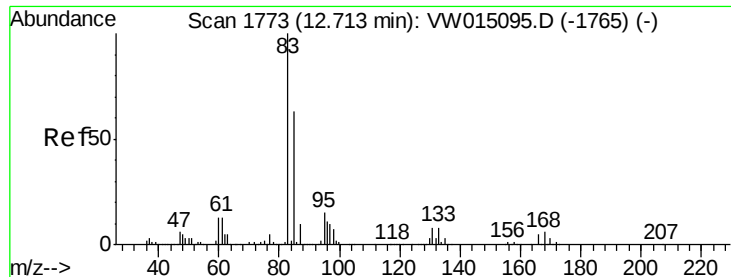
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#74
N-ethyl acetate
Concen: 19.700 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	141678		
70	36.9	29.4	44.2	
55	27.1	20.3	30.5	
61	21.5	17.1	25.7	





#75

1,1,2,2-Tetrachloroethane

Concen: 20.506 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

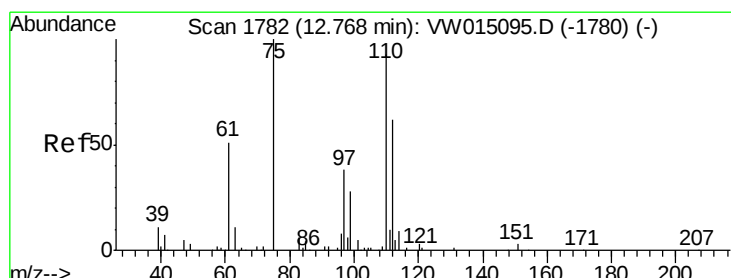
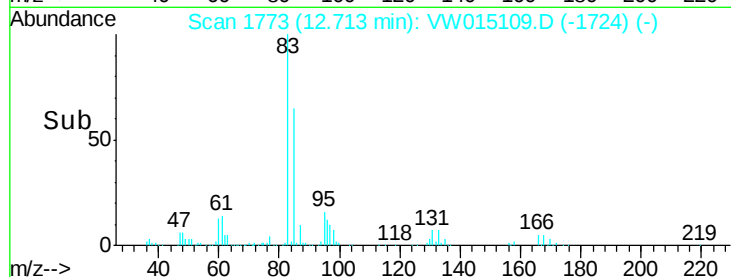
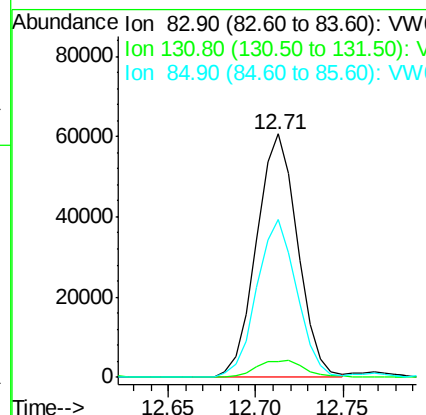
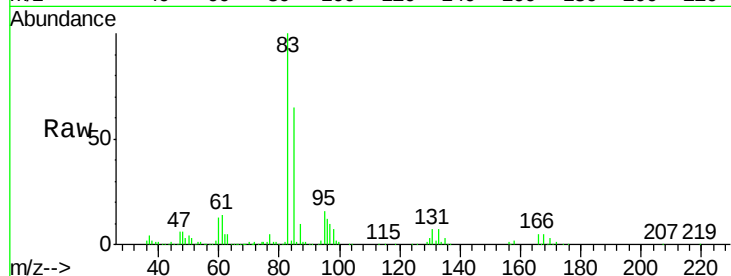
ClientSampleId :

VW0310SBS01

Tot Ion:	83	Resp:	99106
Ion Ratio	Lower	Upper	
83	100		
131	8.4	4.3	13.1
85	63.2	31.5	94.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.551 ug/l m

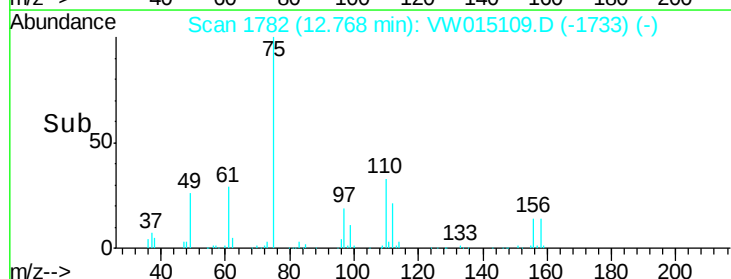
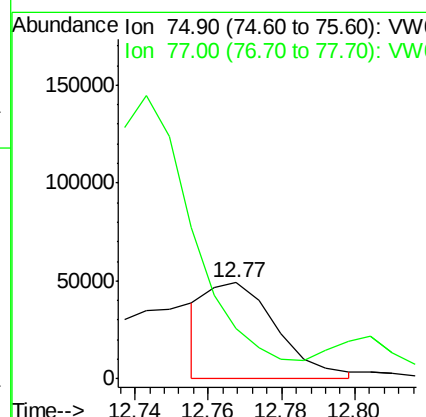
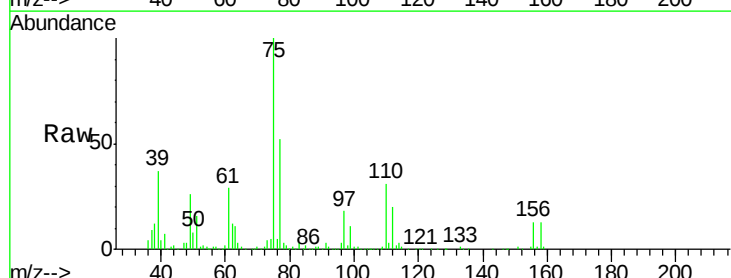
RT: 12.77 min Scan# 1782

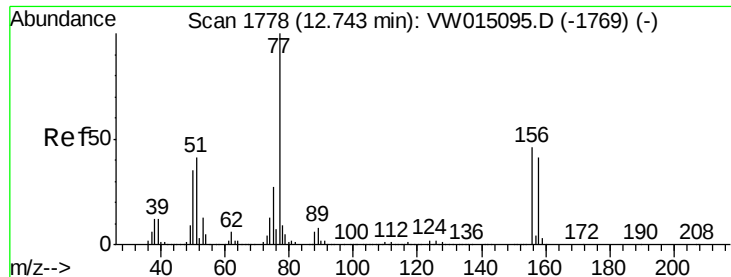
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion:	75	Resp:	65327
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.775 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

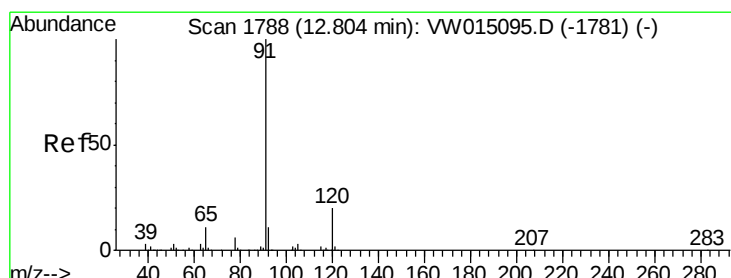
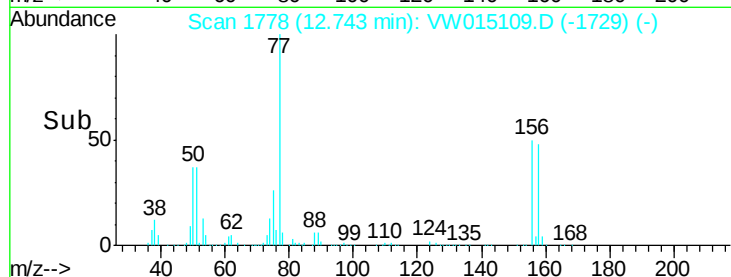
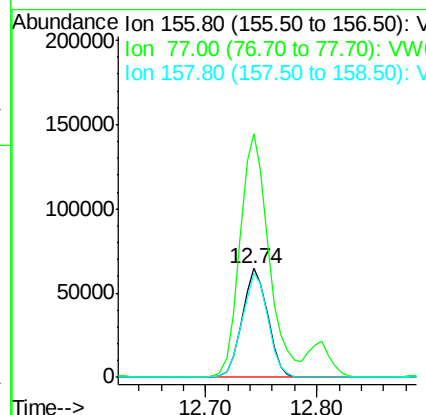
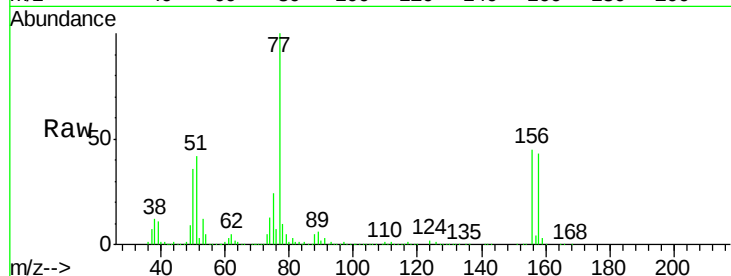
ClientSampleId :

VW0310SBS01

Tot Ion:	156	Resp:	102435
Ion Ratio	Lower	Upper	
156	100		
77	254.3	126.6	379.8
158	96.9	47.4	142.2

Manual Integrations
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#78

n-propylbenzene

Concen: 22.992 ug/l

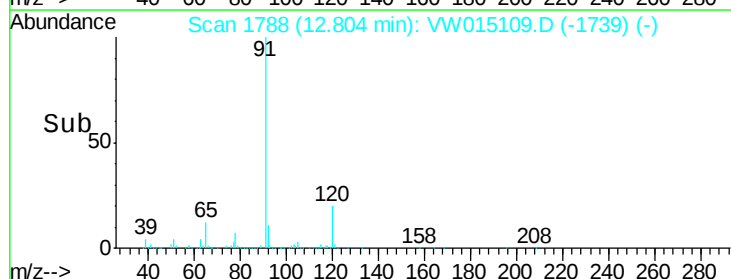
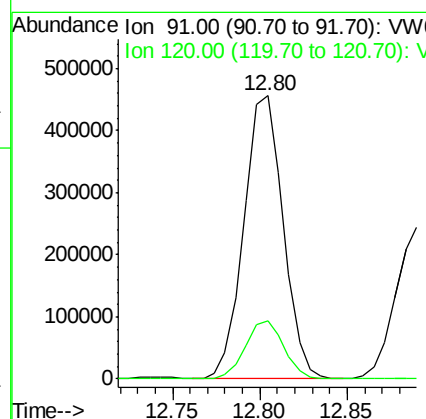
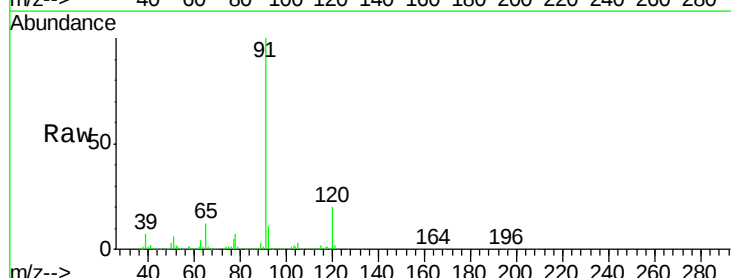
RT: 12.80 min Scan# 1788

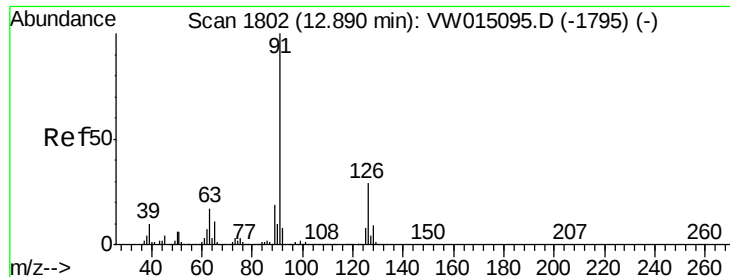
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion:	91	Resp:	711157
Ion Ratio	Lower	Upper	
91	100		
120	20.1	10.2	30.4





#79

2-Chlorotoluene

Concen: 22.494 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion: 91 Resp: 391188

Ion Ratio Lower Upper

91 100

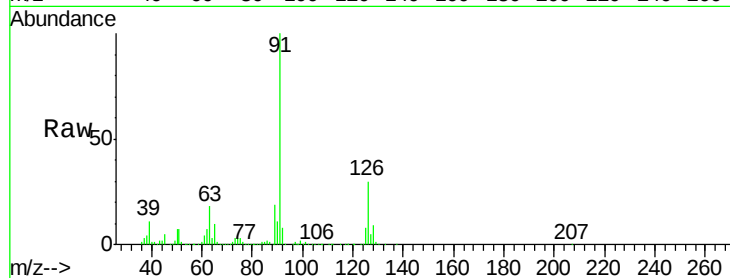
126 29.4 14.5 43.6

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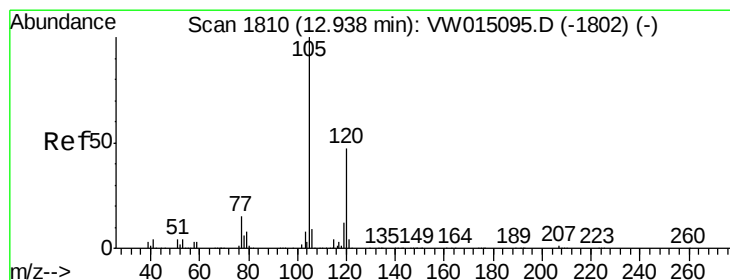
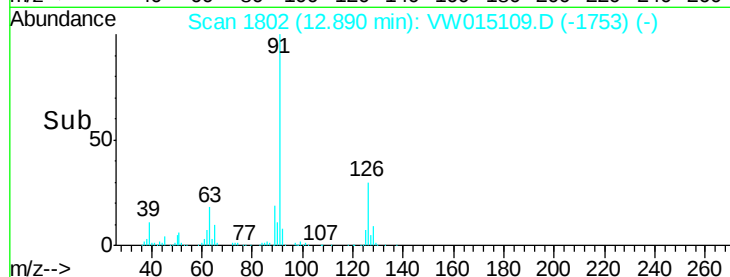
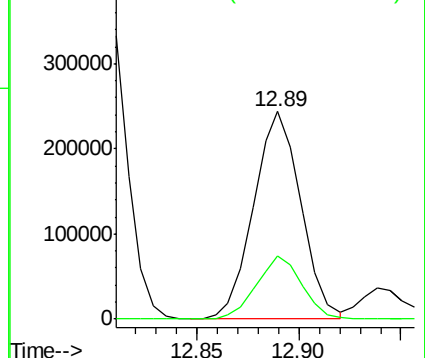
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.640 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW015109.D

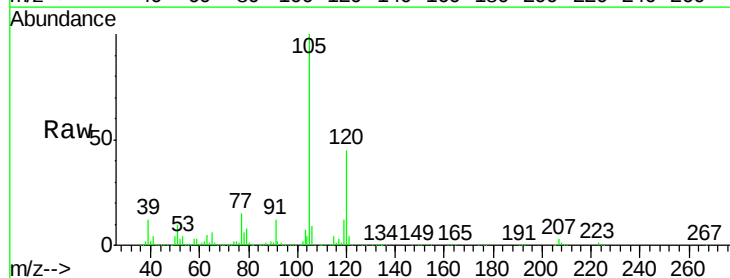
Acq: 10 Mar 2020 13:17

Tgt Ion: 105 Resp: 463303

Ion Ratio Lower Upper

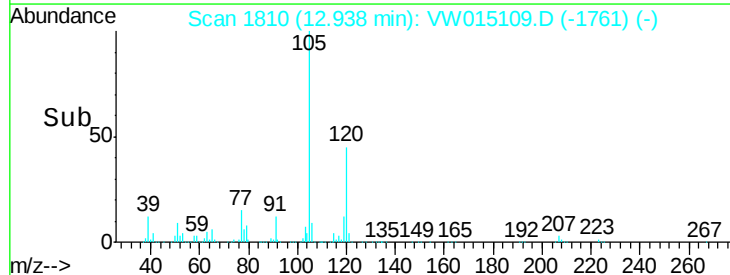
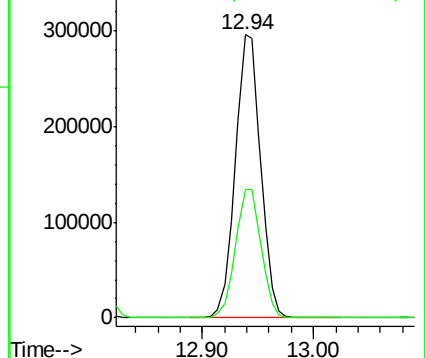
105 100

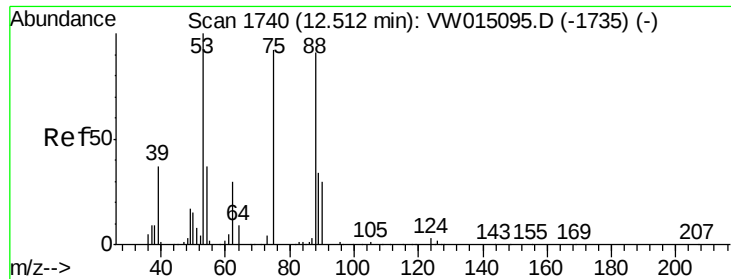
120 46.1 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





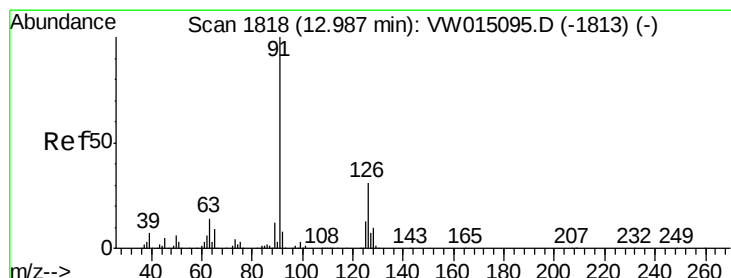
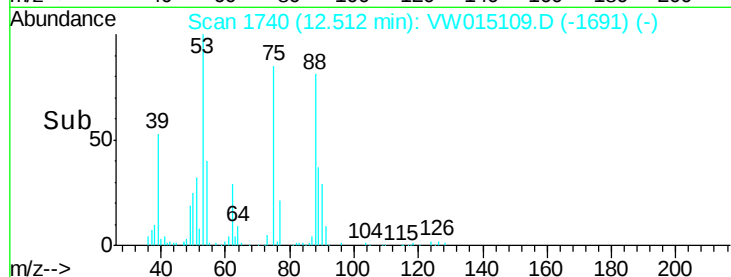
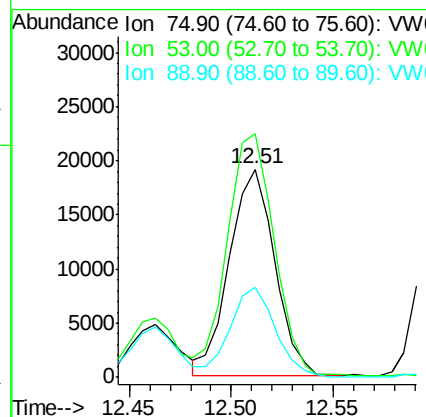
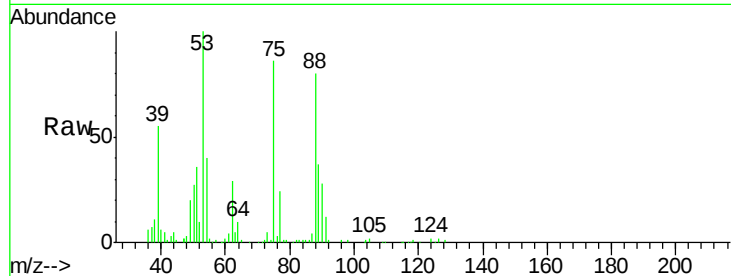
#81
trans-1,4-Dichloro-2-butene
Concen: 18.818 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.6	88.4	132.6
89	44.7	33.1	49.7

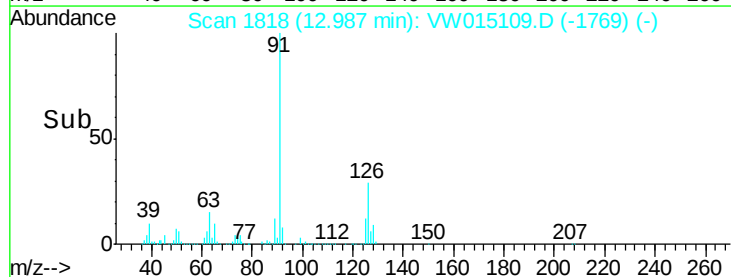
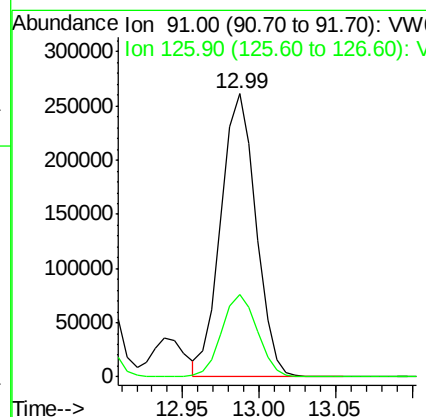
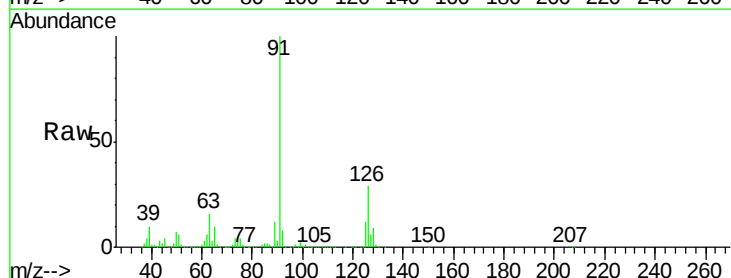
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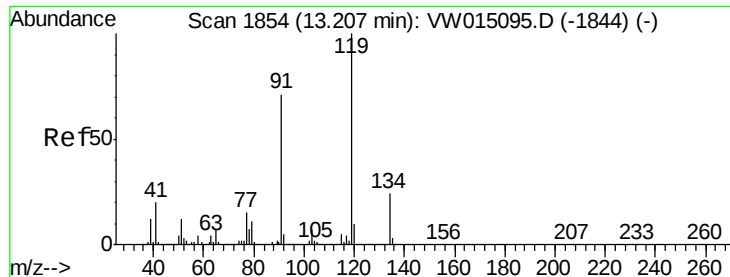
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#82
4-Chlorotoluene
Concen: 22.469 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.8	44.4





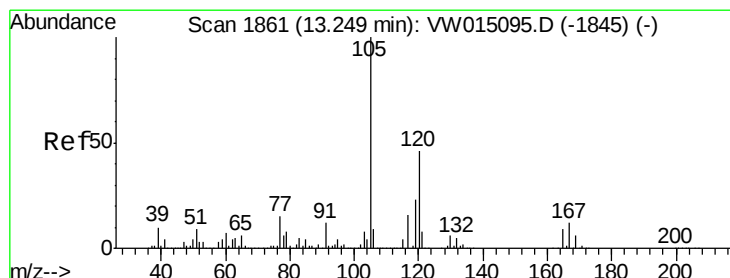
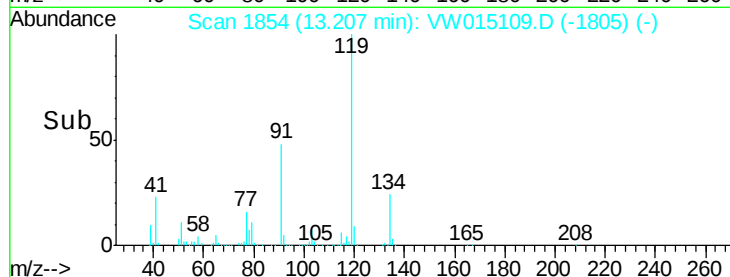
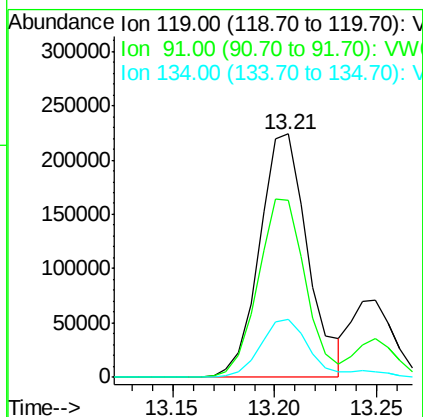
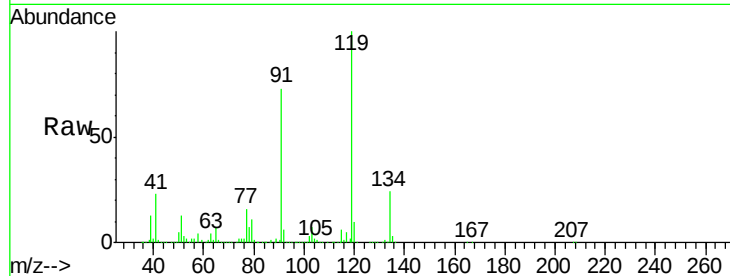
#83
tert-Butylbenzene
Concen: 22.325 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.9	35.7	107.1
134	24.0	12.7	38.1

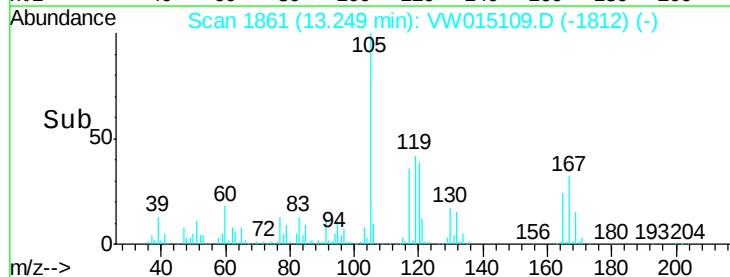
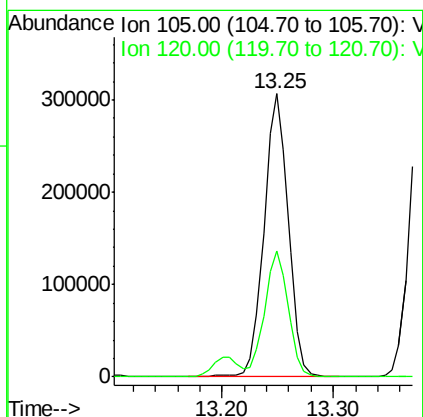
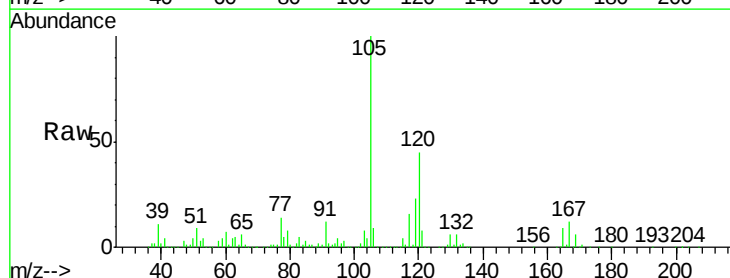
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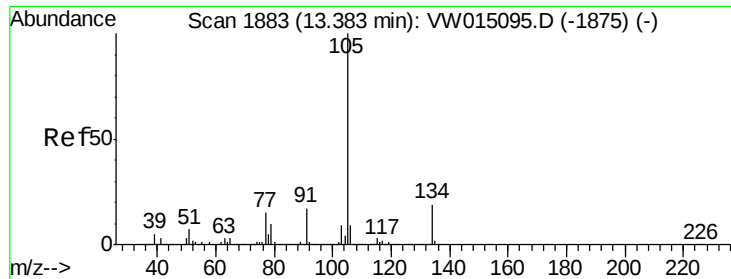
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#84
1,2,4-Trimethylbenzene
Concen: 22.820 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.1	66.3





#85

sec-Butylbenzene

Concen: 22.637 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Instrument :

MSVOA_W

ClientSampleId :

VW0310SBS01

Tot Ion:105 Resp: 567967

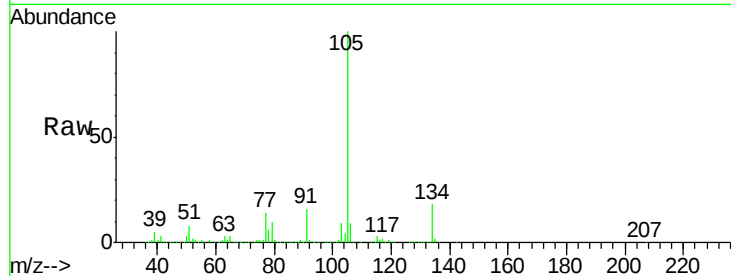
Ion Ratio Lower Upper

105 100

134 18.0 9.0 27.1

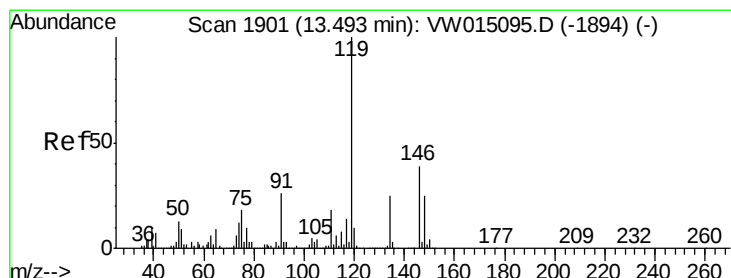
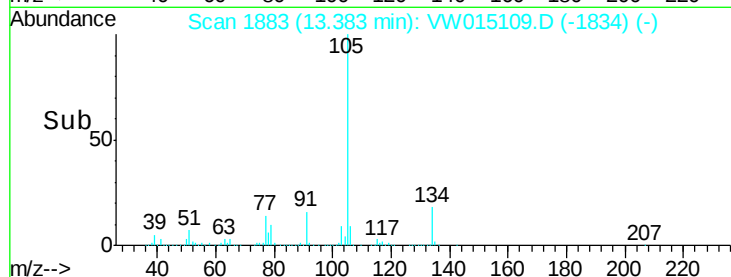
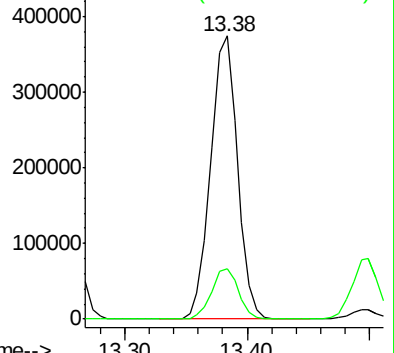
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.503 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

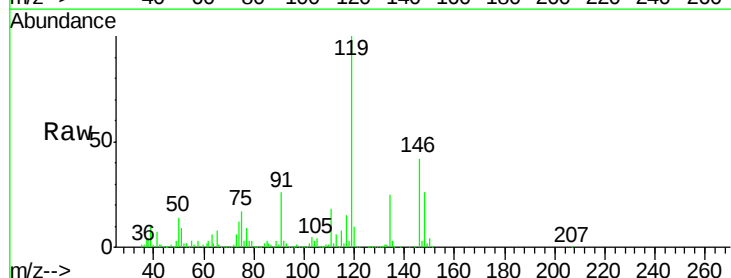
Tgt Ion:119 Resp: 485324

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

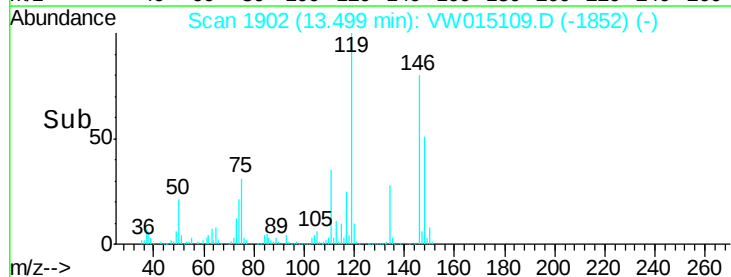
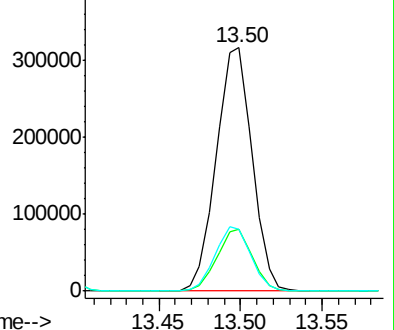
91 26.5 12.9 38.6

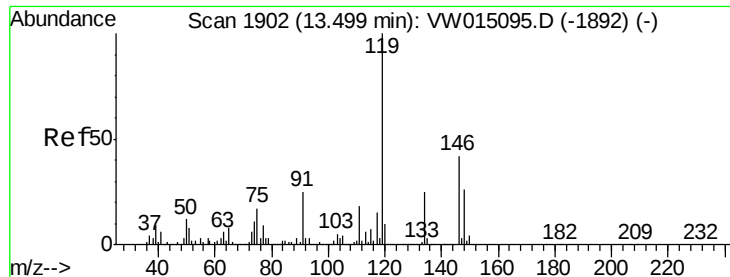


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.792 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

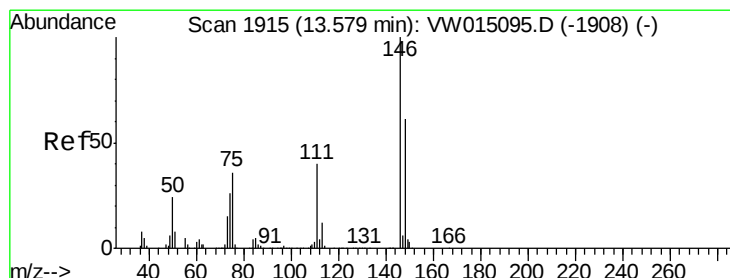
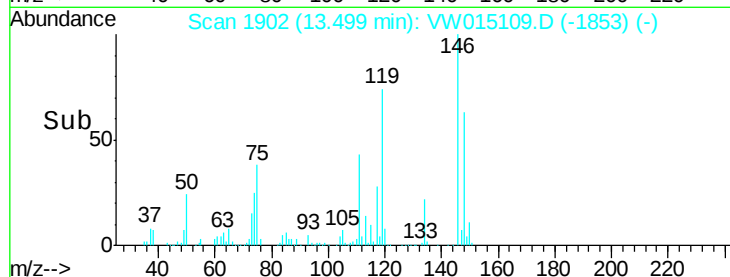
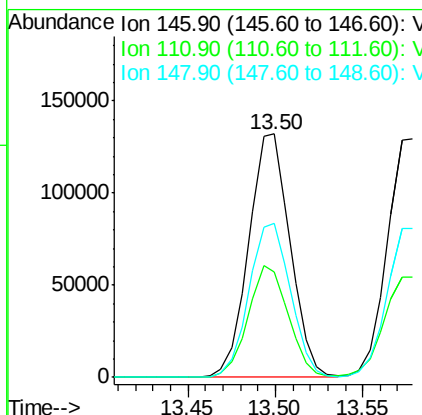
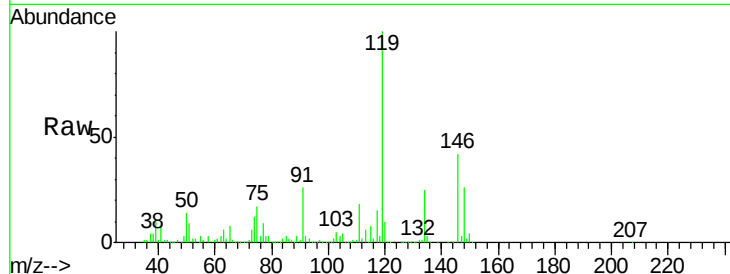
Instrument :
MSVOA_W

ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	217212		
111	44.8	22.5	67.5	
148	63.5	31.9	95.9	

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#88

1,4-Dichlorobenzene

Concen: 21.611 ug/l

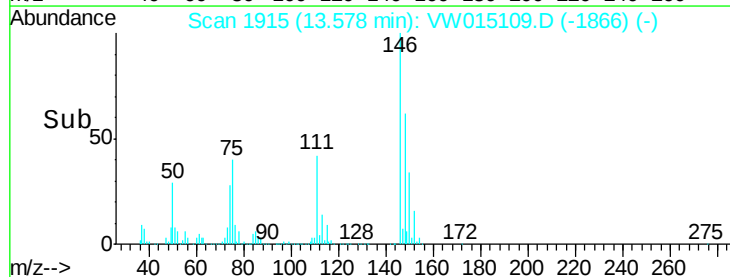
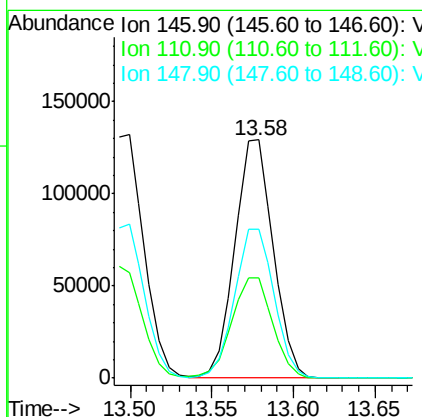
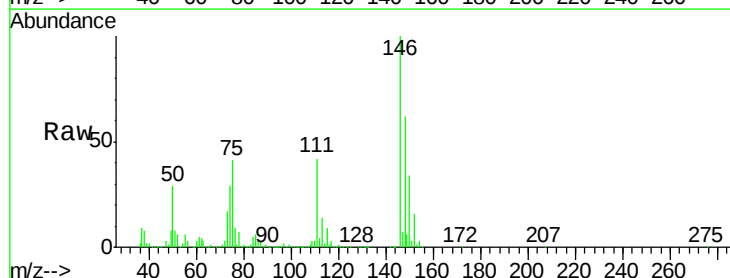
RT: 13.58 min Scan# 1915

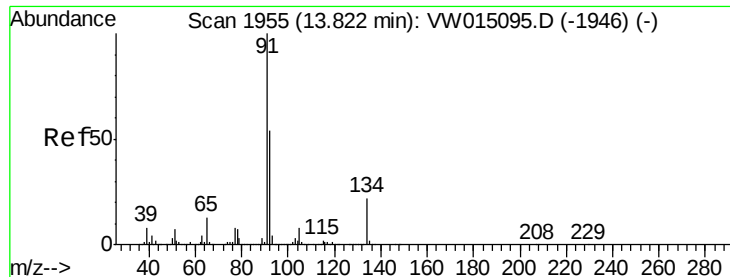
Delta R.T. -0.00 min

Lab File: VW015109.D

Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	212103		
111	44.6	21.3	63.9	
148	64.7	31.6	94.8	





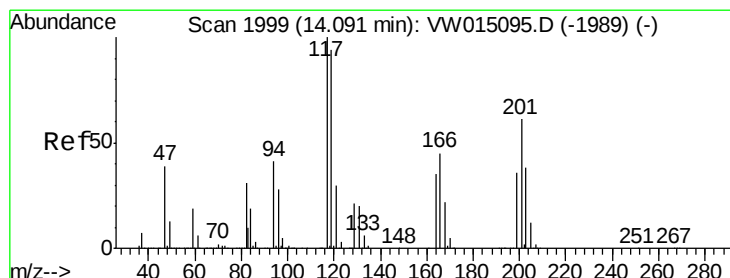
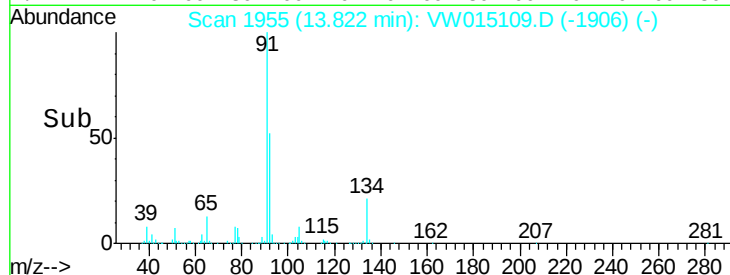
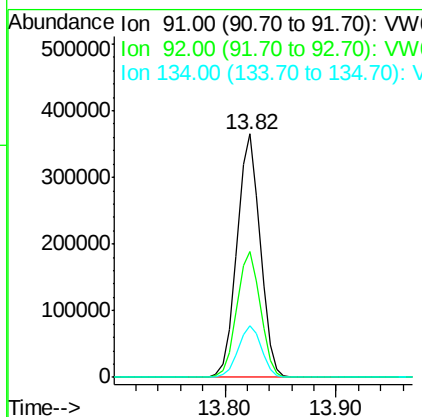
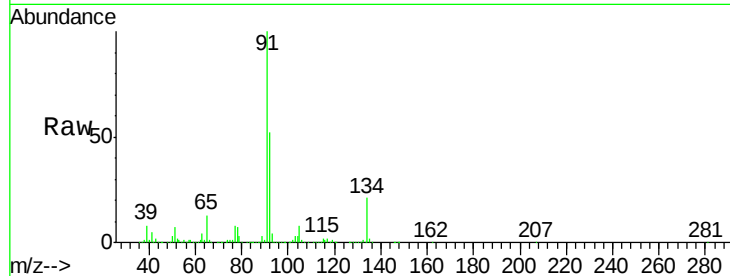
#89
n-Butylbenzene
Concen: 22.657 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.8	80.3
134	21.4	10.8	32.4

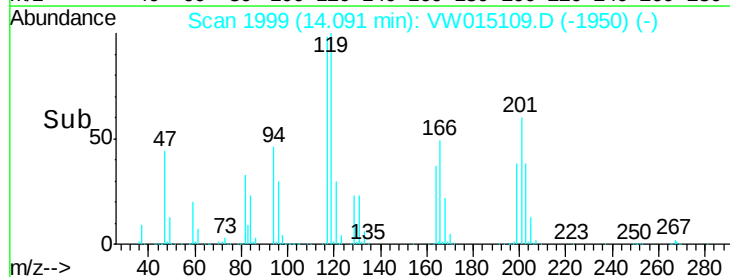
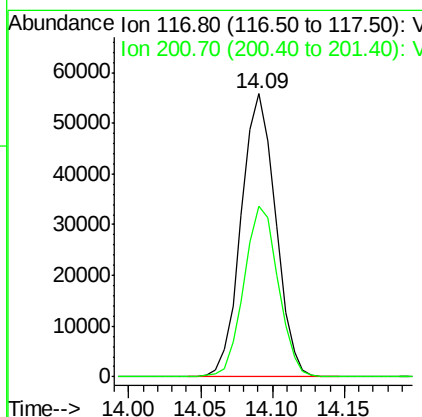
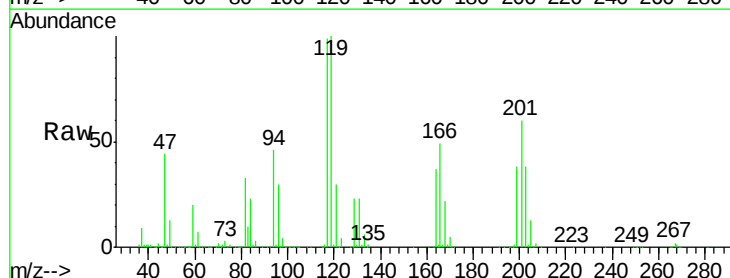
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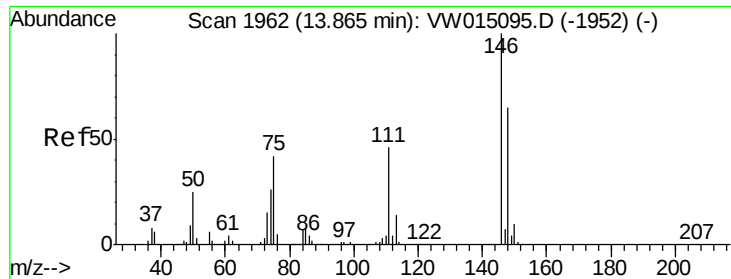
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#90
Hexachloroethane
Concen: 21.293 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.1	30.3	90.9





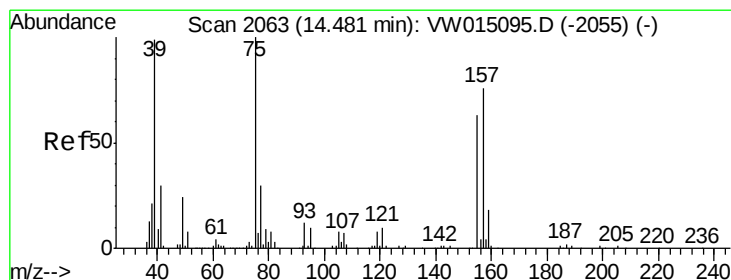
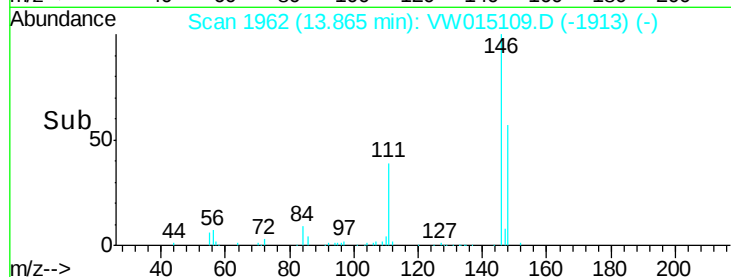
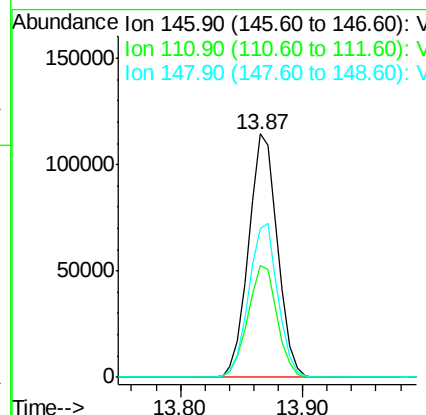
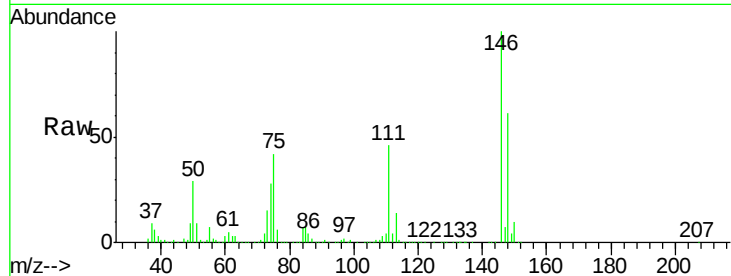
#91
 1,2-Dichlorobenzene
 Concen: 21.530 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0310SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	187948		
111	46.4	23.1	69.2	
148	63.5	32.3	96.9	

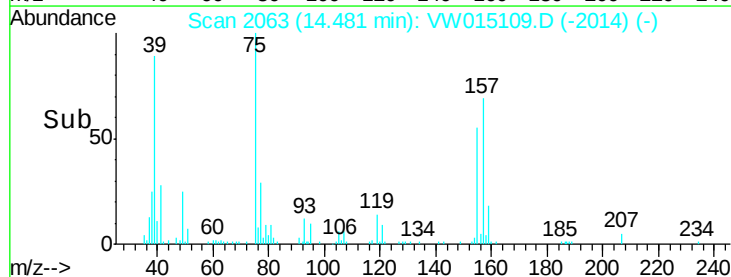
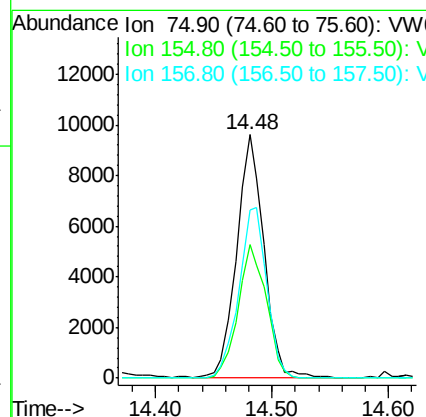
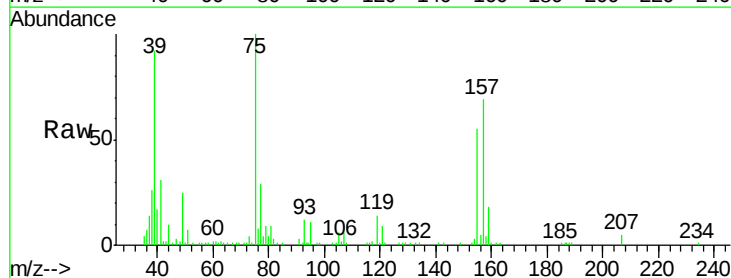
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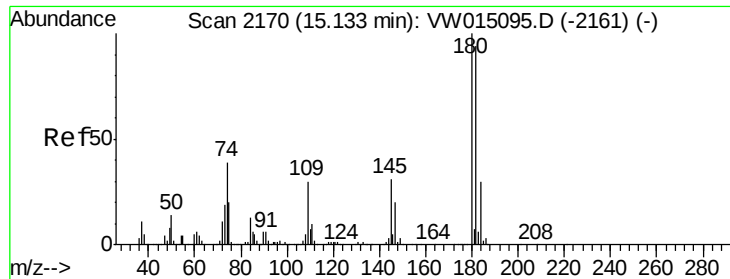
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.246 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15713		
155	56.7	32.1	96.3	
157	71.5	39.6	118.7	





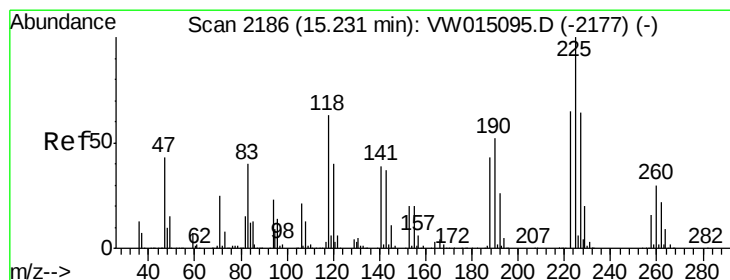
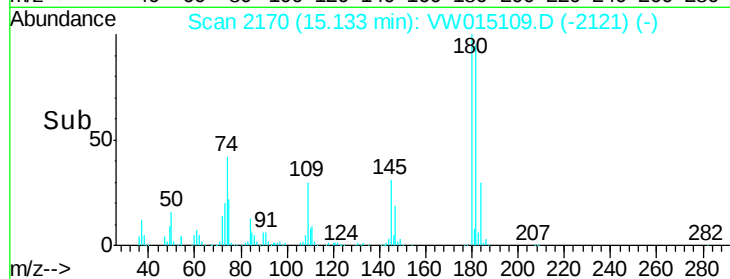
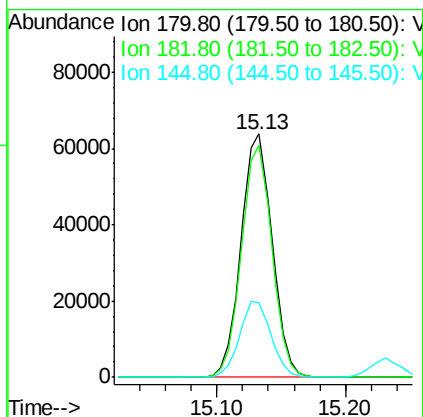
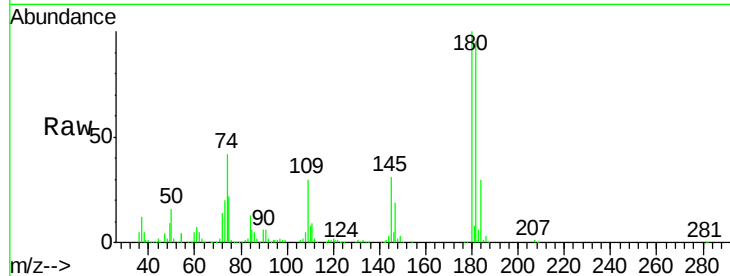
#93
 1,2,4-Trichlorobenzene
 Concen: 21.310 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0310SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.5	47.6	142.9	
145	31.7	16.2	48.5	

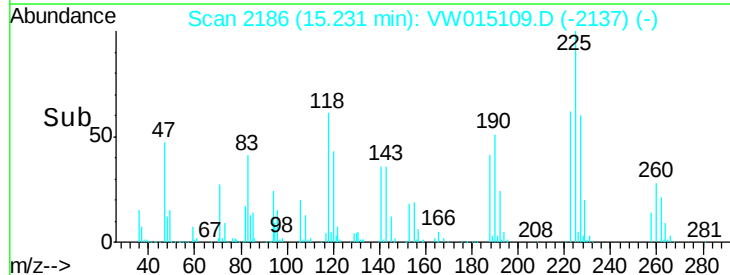
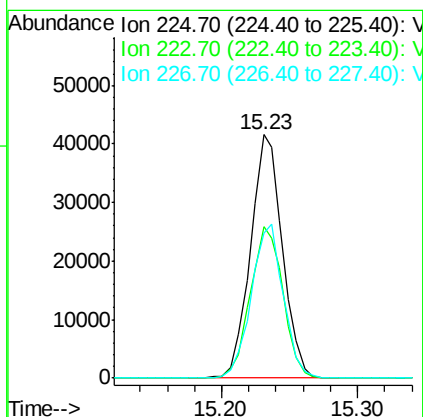
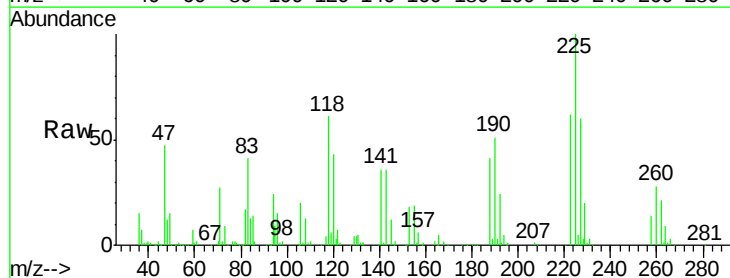
Manual Integrations
 APPROVED

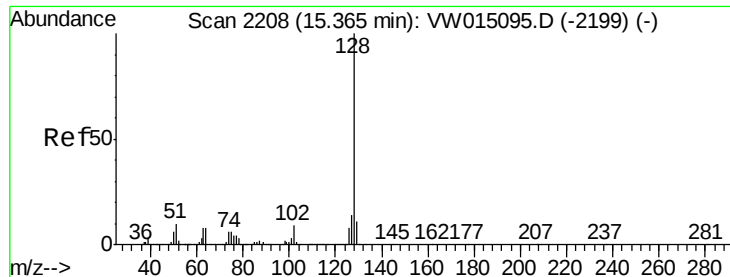
MMDadoda
 3/11/2020 3:22:09 PM



#94
 Hexachlorobutadiene
 Concen: 21.749 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW015109.D
 Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	32.5	97.4	
227	63.6	33.0	99.0	





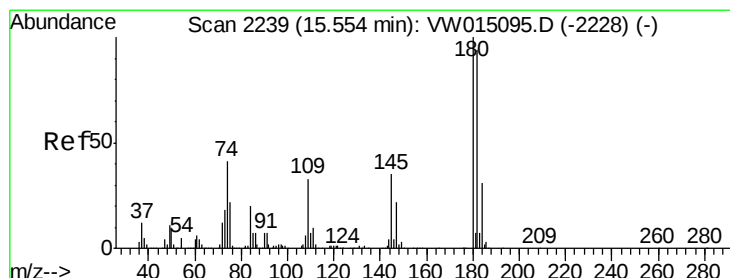
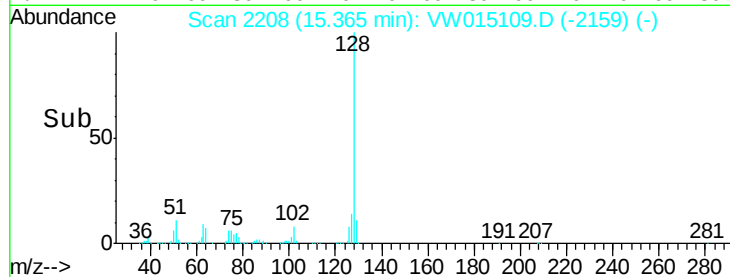
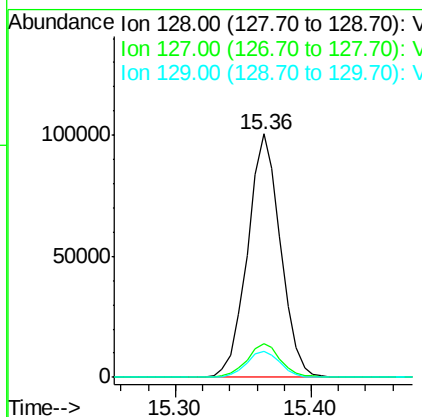
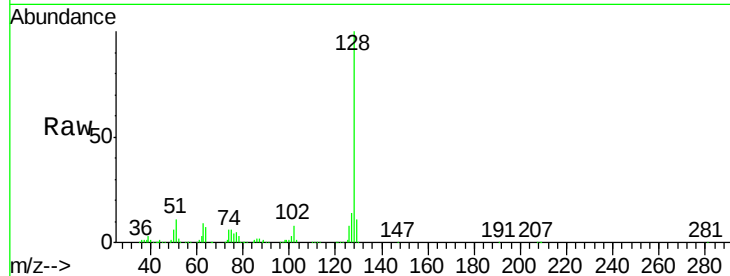
#95
Naphthalene
Concen: 17.760 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Instrument :
MSVOA_W
ClientSampleId :
VW0310SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	170625		
127	14.3		10.7	16.1
129	11.2		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:22:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.337 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015109.D
Acq: 10 Mar 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90109		
182	96.3		47.9	143.7
145	35.3		17.5	52.6

