

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012611.D
 Acq On : 05 Sep 2019 01:49
 Operator : SY/VA
 Sample : VW0904SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/7/2019 12:46:15 AM

Quant Time: Sep 05 07:37:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148734	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141629	59.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.50%	
35) Dibromofluoromethane	7.88	113	106088	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.32	98	402022	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	150391	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21829	17.779	ug/l	93
3) Chloromethane	2.21	50	33615	17.671	ug/l	100
4) Vinyl Chloride	2.35	62	36242	15.566	ug/l	98
5) Bromomethane	2.76	94	21771	18.463	ug/l	99
6) Chloroethane	2.91	64	23477	17.875	ug/l	95
7) Trichlorofluoromethane	3.25	101	20680	17.689	ug/l	100
8) Diethyl Ether	3.67	74	24425	22.011	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40743	20.502	ug/l	98
10) Methyl Iodide	4.26	142	58272	21.672	ug/l	95
11) Tert butyl alcohol	5.18	59	21221	148.759	ug/l	100
12) 1,1-Dichloroethene	4.04	96	39504	19.751	ug/l	99
13) Acrolein	3.89	56	8920	66.427	ug/l	95
14) Allyl chloride	4.67	41	89758	20.991	ug/l	97
15) Acrylonitrile	5.37	53	74195	134.892	ug/l	99
16) Acetone	4.12	43	65514	108.120	ug/l	95
17) Carbon Disulfide	4.38	76	92491	15.301	ug/l	99
18) Methyl Acetate	4.67	43	51259	34.154	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	91285	28.222	ug/l	98
20) Methylene Chloride	4.92	84	56640	24.726	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	46812	21.825	ug/l	94
22) Diisopropyl ether	6.31	45	200086	25.244	ug/l	98
23) Vinyl Acetate	6.25	43	590840	121.129	ug/l	100
24) 1,1-Dichloroethane	6.21	63	102560	23.765	ug/l	98
25) 2-Butanone	7.17	43	105125	127.671	ug/l	100
26) 2,2-Dichloropropane	7.16	77	53190	21.775	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	55259	24.114	ug/l	100
28) Bromochloromethane	7.51	49	45716	24.305	ug/l	96
29) Tetrahydrofuran	7.53	42	67882	137.411	ug/l	99
30) Chloroform	7.67	83	101458	25.697	ug/l	98
31) Cyclohexane	7.95	56	75550	17.695	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	76692	24.554	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69663	20.293	ug/l	99
37) Ethyl Acetate	7.25	43	47781	25.400	ug/l	97
38) Carbon Tetrachloride	8.06	117	66088	22.243	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68171	17.677	ug/l	95
40) Benzene	8.32	78	207940	22.184	ug/l	99
41) Methacrylonitrile	7.48	41	32945	29.798	ug/l	91
42) 1,2-Dichloroethane	8.40	62	78356	26.672	ug/l	100
43) Isopropyl Acetate	8.42	43	91514	26.264	ug/l	99
44) Trichloroethene	9.09	130	51177	22.459	ug/l	98
45) 1,2-Dichloropropane	9.37	63	59478	23.577	ug/l	97
46) Dibromomethane	9.46	93	28651	25.526	ug/l	98
47) Bromodichloromethane	9.64	83	75365	25.229	ug/l	97
48) Methyl methacrylate	9.43	41	43575	26.275	ug/l	96
49) 1,4-Dioxane	9.46	88	9403	547.228	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	239587	135.185	ug/l	99
52) Toluene	10.38	92	128226	22.771	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74623	24.524	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86283	23.484	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42205	26.576	ug/l	98
56) Ethyl methacrylate	10.65	69	59695	25.827	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78575	26.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	142523	120.150	ug/l	100
59) 2-Hexanone	10.97	43	159383	127.099	ug/l	100
60) Dibromochloromethane	11.13	129	47209	26.689	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38063	25.727	ug/l	98
64) Tetrachloroethene	10.86	164	45236	23.303	ug/l	95
65) Chlorobenzene	11.66	112	135918	23.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50407	24.508	ug/l	99
67) Ethyl Benzene	11.73	91	247100	21.757	ug/l	97
68) m/p-Xylenes	11.84	106	182970	44.725	ug/l	99
69) o-Xylene	12.16	106	87364	23.073	ug/l	99
70) Styrene	12.18	104	154840	23.626	ug/l	98
71) Bromoform	12.35	173	27457	26.794	ug/l	96
73) Isopropylbenzene	12.46	105	241357	21.656	ug/l	100
74) N-amyl acetate	12.27	43	79865	23.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49726	24.338	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	35155m	24.269	ug/l	
77) Bromobenzene	12.74	156	58206	24.141	ug/l	95
78) n-propylbenzene	12.80	91	286890	21.086	ug/l	100
79) 2-Chlorotoluene	12.89	91	171108	22.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	207682	22.301	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14650	22.174	ug/l	91
82) 4-Chlorotoluene	12.99	91	180398	22.304	ug/l	100
83) tert-Butylbenzene	13.21	119	176434	22.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	210229	22.473	ug/l	100
85) sec-Butylbenzene	13.38	105	236888	20.960	ug/l	100
86) p-Isopropyltoluene	13.50	119	219028	21.701	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	108199	22.943	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	108655	23.204	ug/l	99
89) n-Butylbenzene	13.82	91	201257	20.051	ug/l	100
90) Hexachloroethane	14.09	117	39257	22.169	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	100206	24.221	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9027	26.207	ug/l	97

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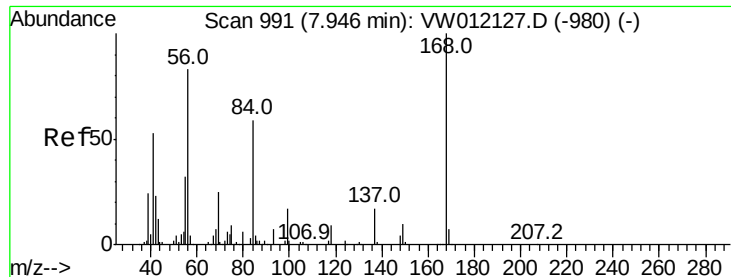
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65602	22.946	ug/l	99
94) Hexachlorobutadiene	15.24	225	42379	22.449	ug/l	98
95) Naphthalene	15.36	128	122166	24.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	60531	24.267	ug/l	97

(#) = 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: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tot Ion:168 Resp: 199407

Ion Ratio Lower Upper

168 100

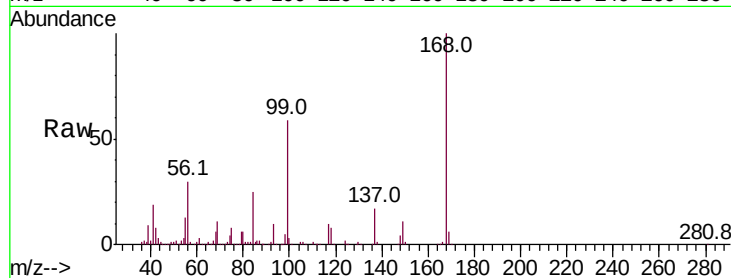
99 58.6 49.2 73.8

Manual Integrations

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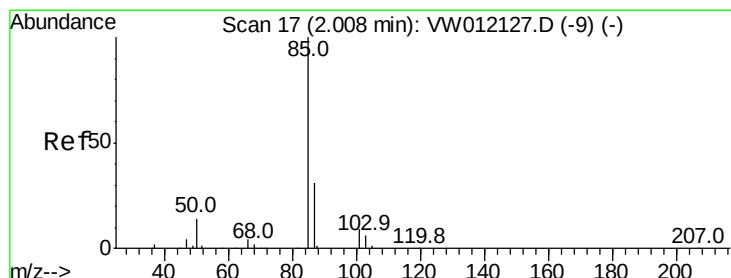
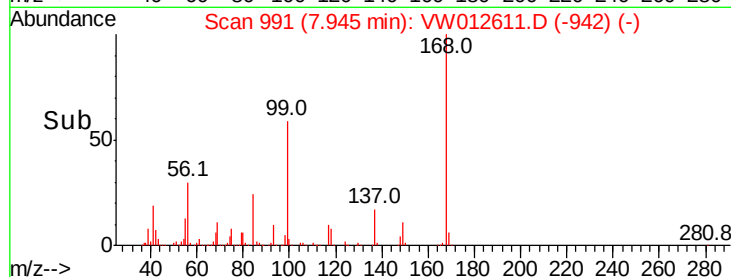
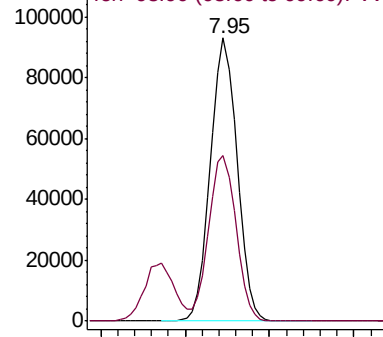
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.779 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012611.D

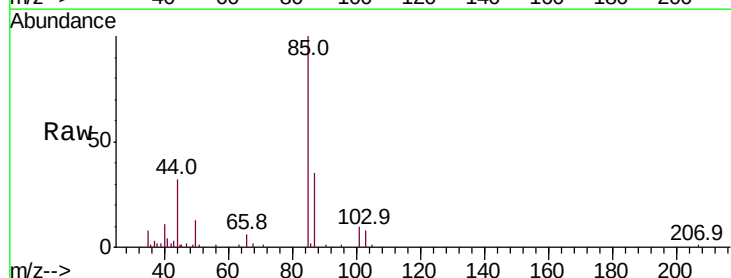
Acq: 05 Sep 2019 01:49

Tgt Ion: 85 Resp: 21829

Ion Ratio Lower Upper

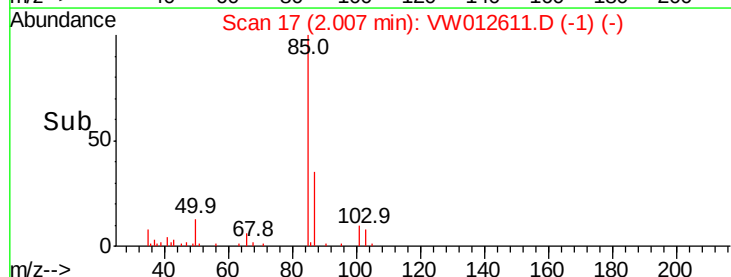
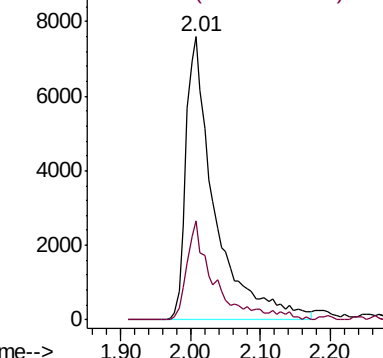
85 100

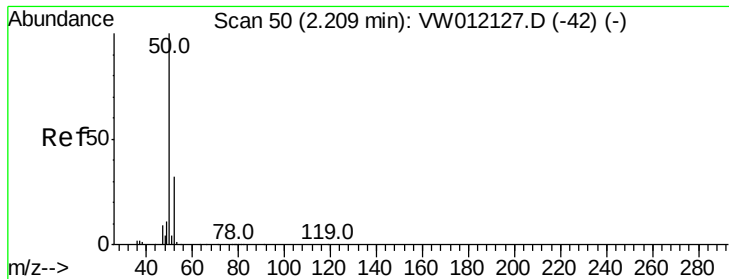
87 35.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.671 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tot Ion: 50 Resp: 33615

Ion Ratio Lower Upper

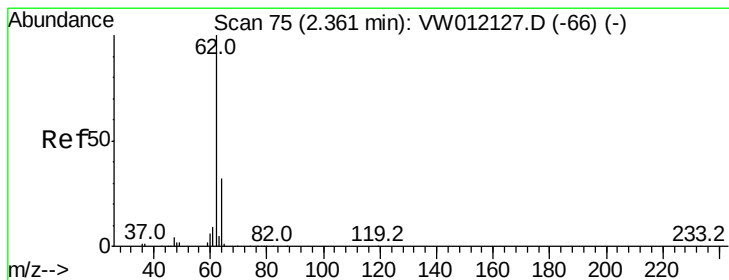
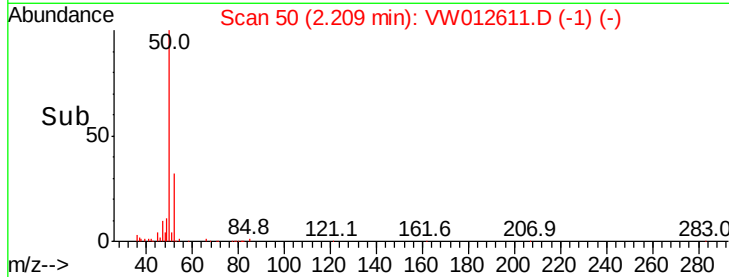
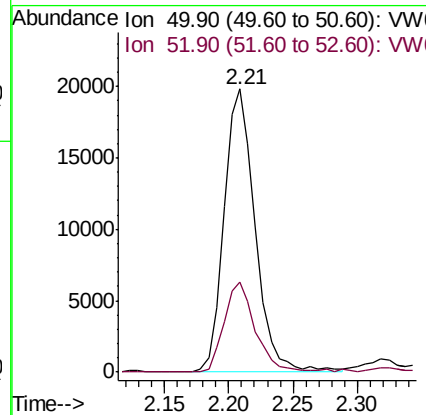
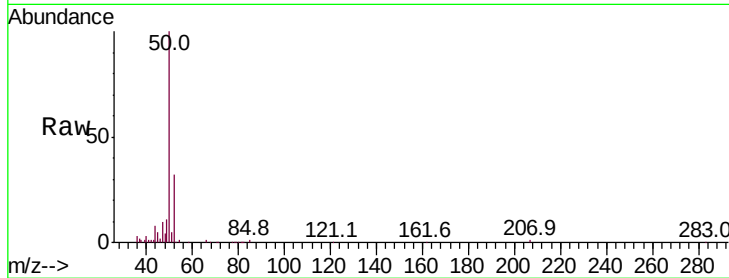
50 100

52 31.8 25.5 38.3

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#4

Vinyl Chloride

Concen: 15.566 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012611.D

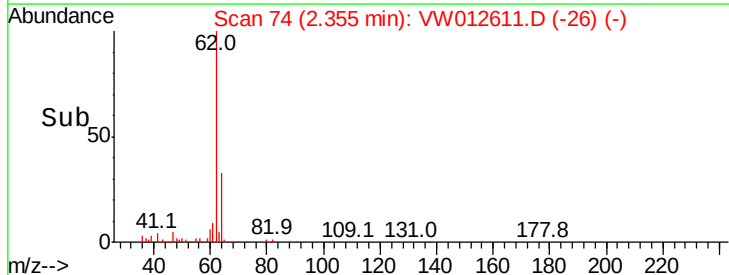
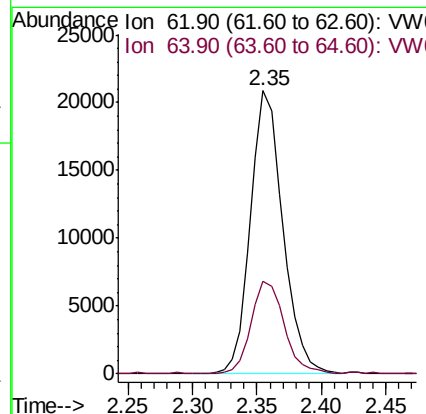
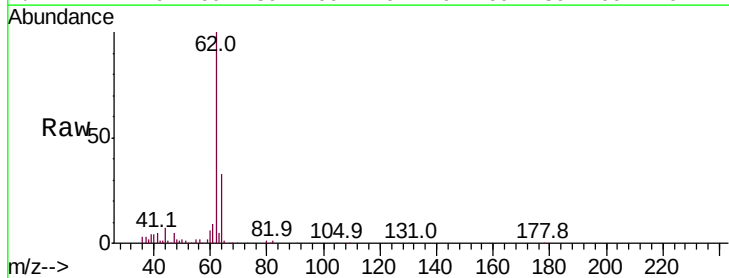
Acq: 05 Sep 2019 01:49

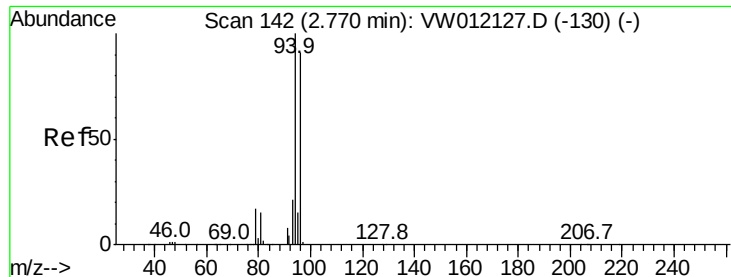
Tgt Ion: 62 Resp: 36242

Ion Ratio Lower Upper

62 100

64 32.7 25.3 37.9





#5

Bromomethane

Concen: 18.463 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tot Ion: 94 Resp: 21771

Ion Ratio Lower Upper

94 100

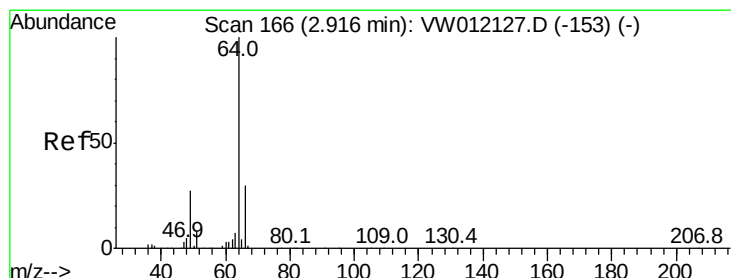
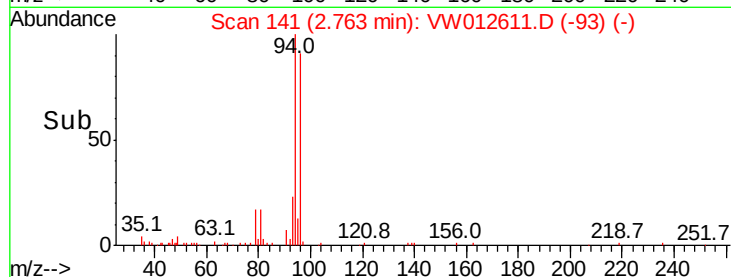
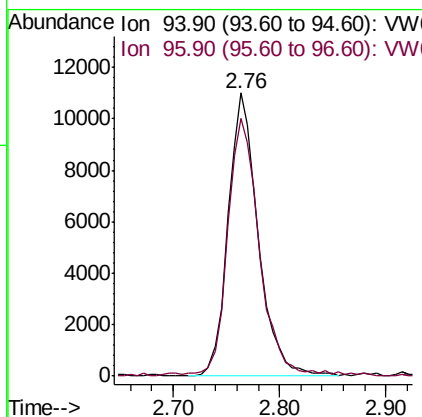
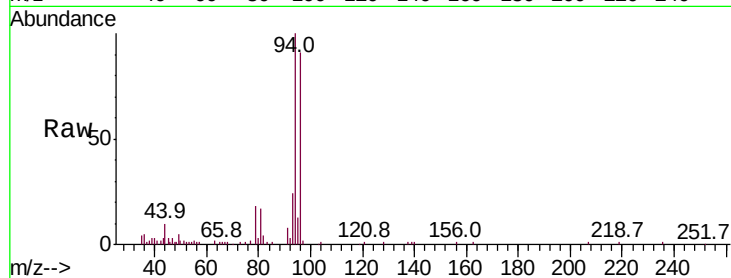
96 90.2 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 17.875 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012611.D

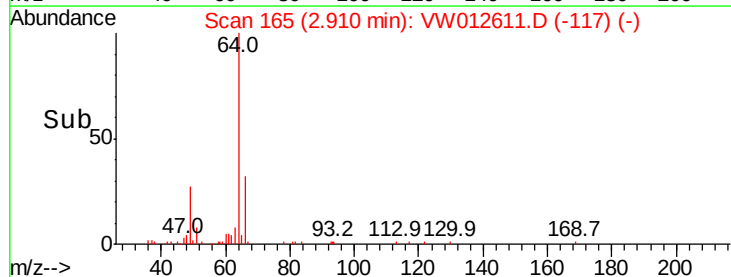
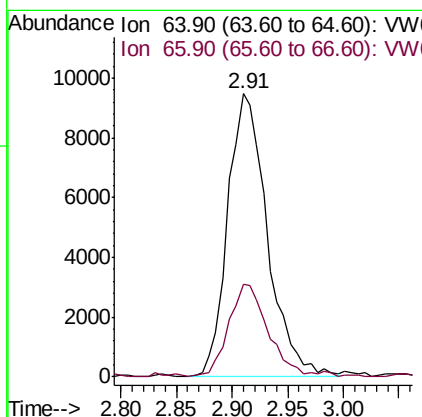
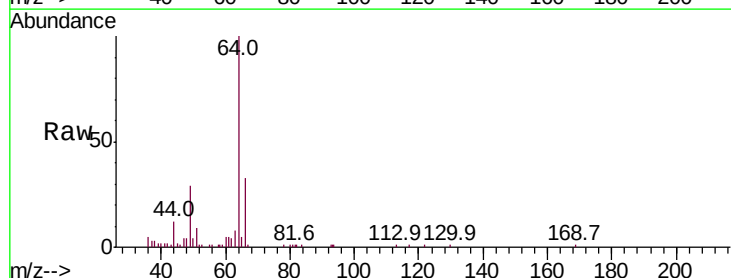
Acq: 05 Sep 2019 01:49

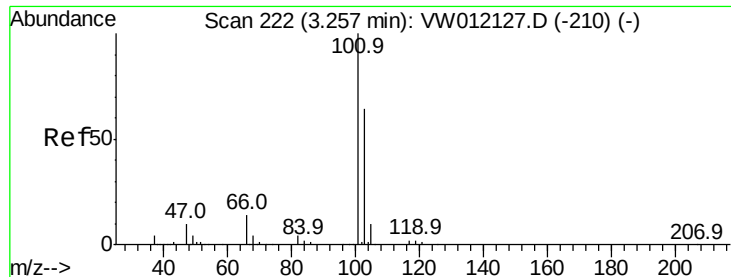
Tgt Ion: 64 Resp: 23477

Ion Ratio Lower Upper

64 100

66 32.7 23.8 35.8





#7

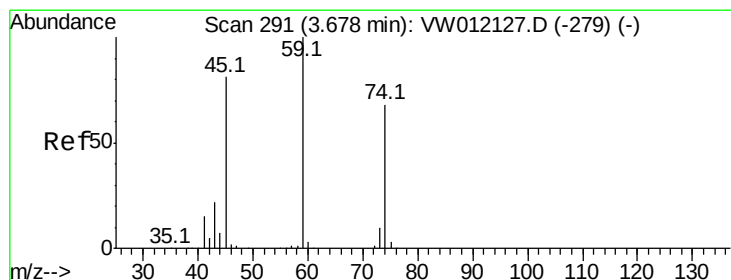
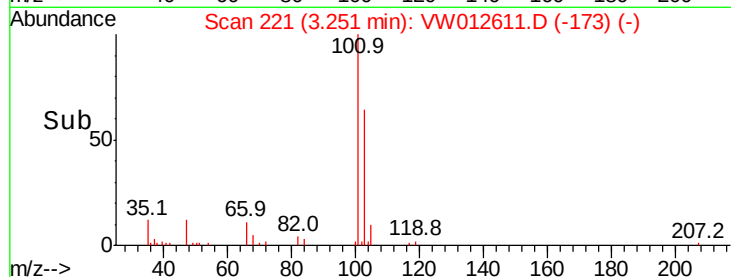
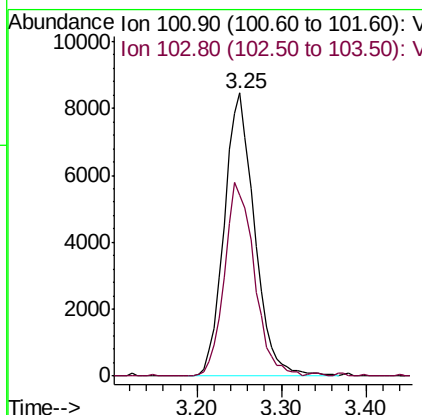
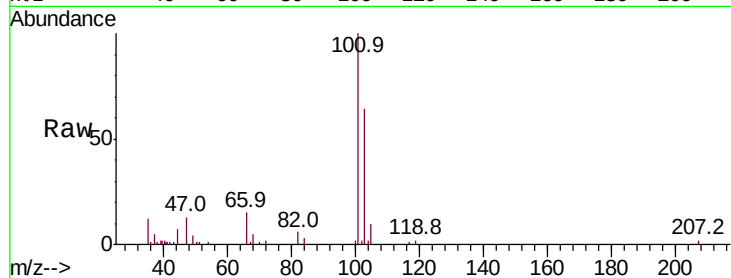
Trichlorofluoromethane
Concen: 17.689 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	20680		
103	63.9	51.2	76.8	

Manual Integrations
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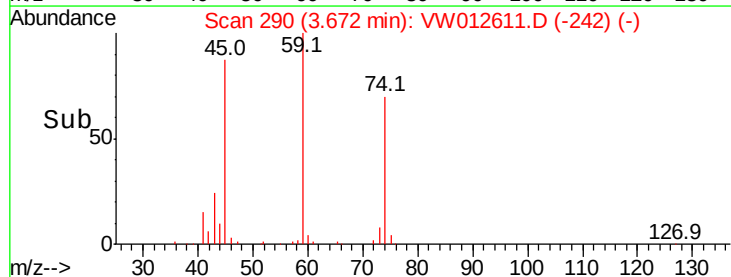
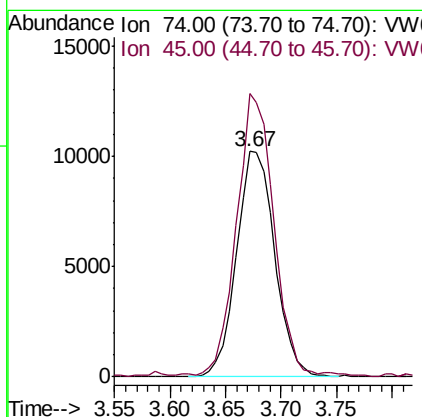
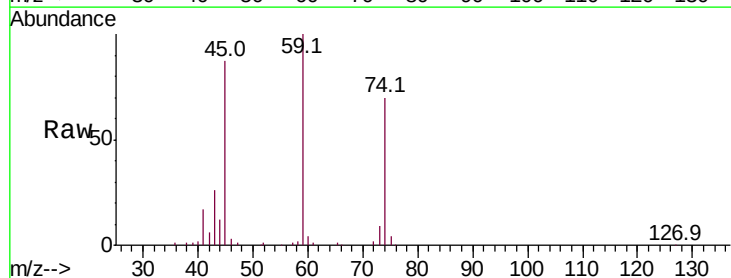
MMDadoda
9/7/2019 12:46:15 AM

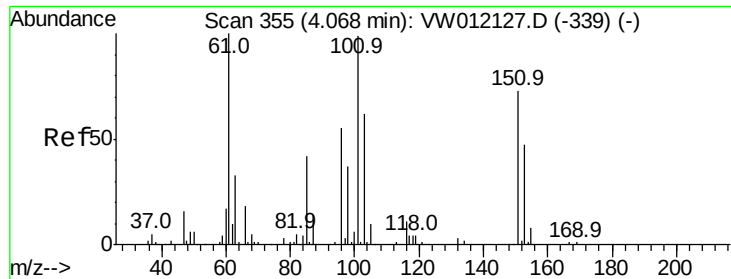


#8

Diethyl Ether
Concen: 22.011 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	24425		
45	124.4	59.2	177.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.502 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

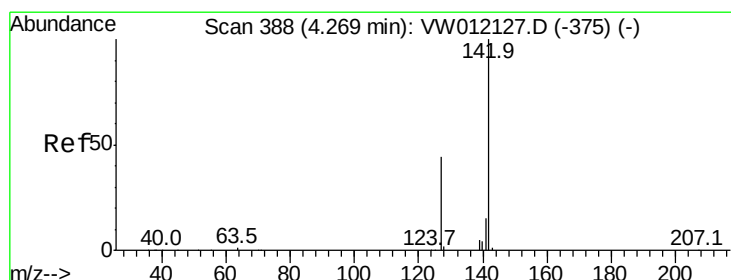
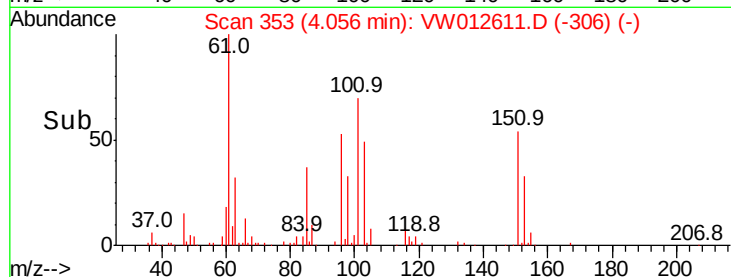
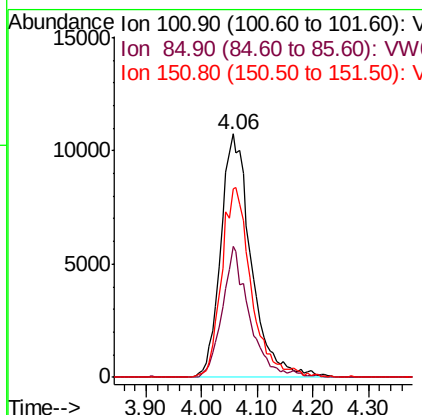
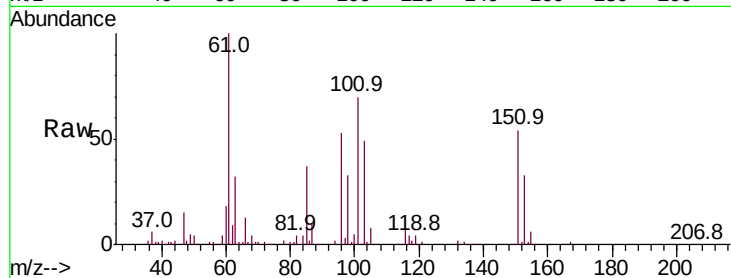
ClientSampleId :

VW0904SBS02

Tot Ion:	101	Resp:	40743
Ion Ratio	Lower	Upper	
101	100		
85	46.9	35.8	53.6
151	74.5	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 21.672 ug/l

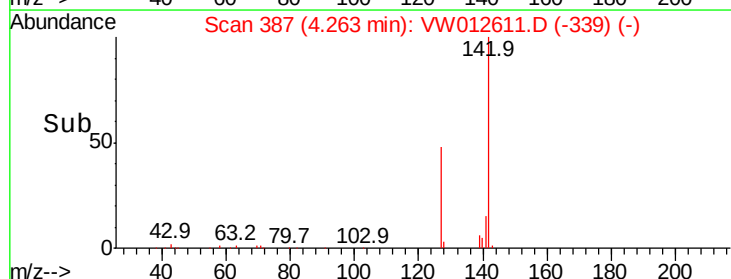
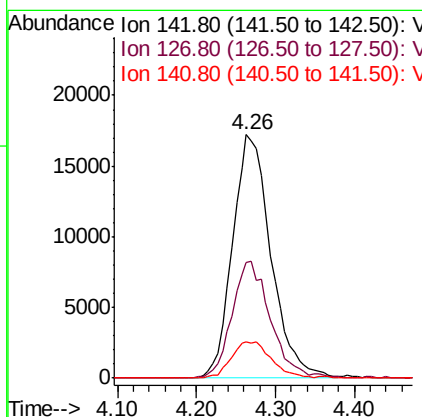
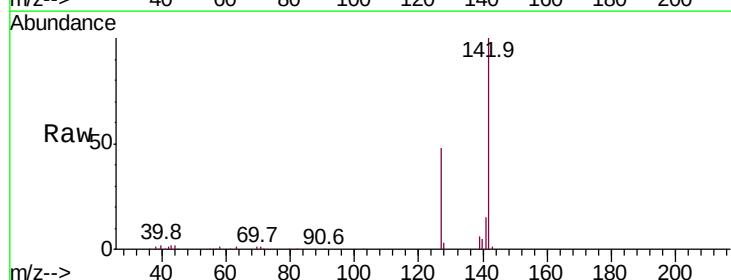
RT: 4.26 min Scan# 387

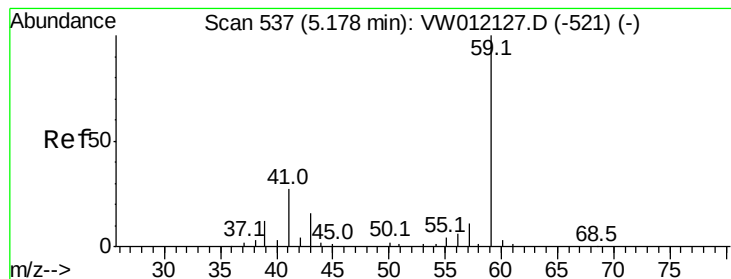
Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	142	Resp:	58272
Ion Ratio	Lower	Upper	
142	100		
127	48.1	35.5	53.3
141	15.6	11.8	17.8





#11

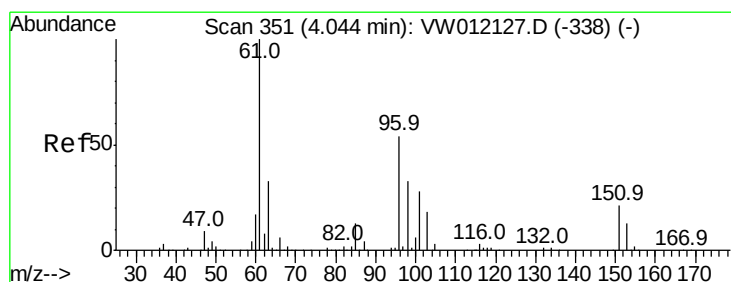
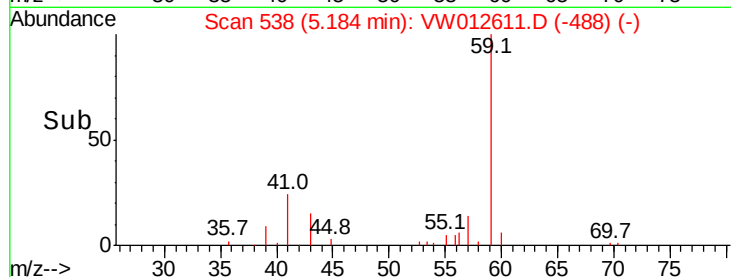
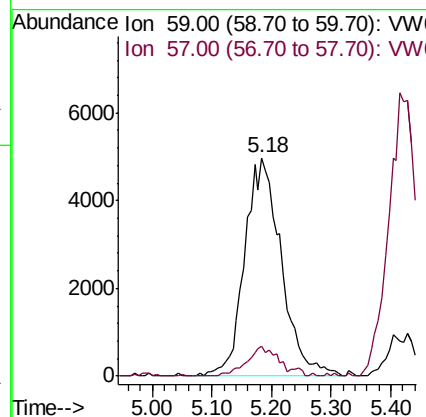
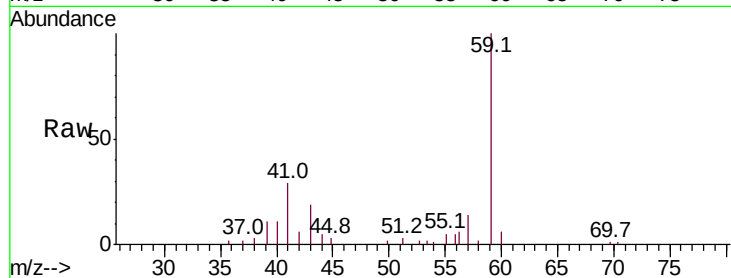
Tert butyl alcohol
Concen: 148.759 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.0	13.4

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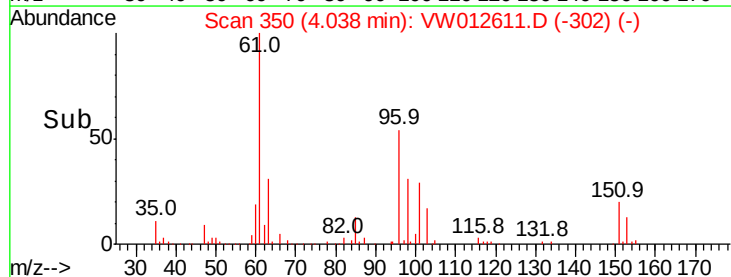
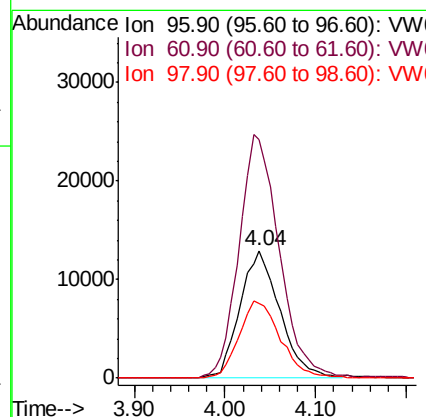
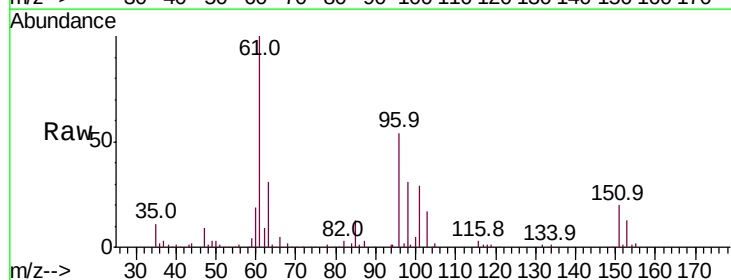
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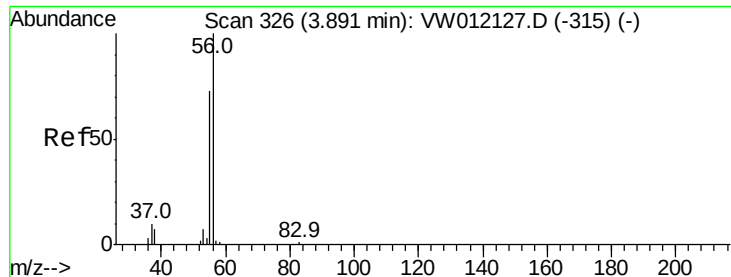


#12

1,1-Dichloroethene
Concen: 19.751 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.8	149.1	223.7
98	58.5	49.4	74.2





#13

Acrolein

Concen: 66.427 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tot Ion: 56 Resp: 8920

Ion Ratio Lower Upper

56 100

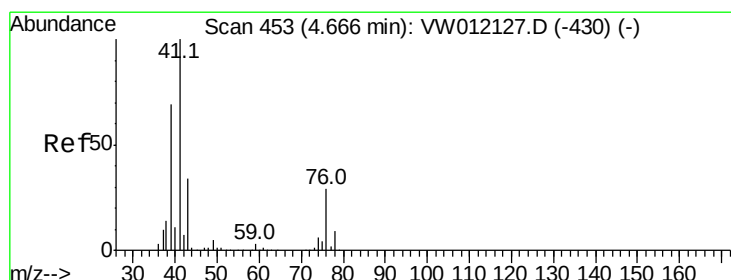
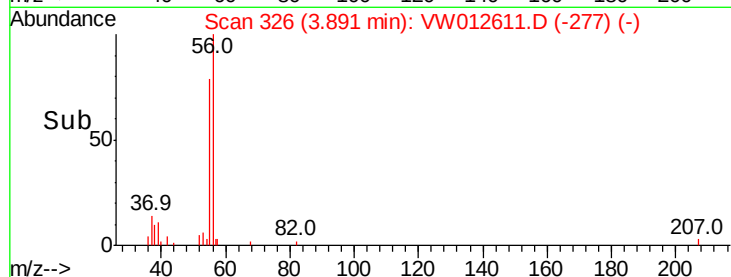
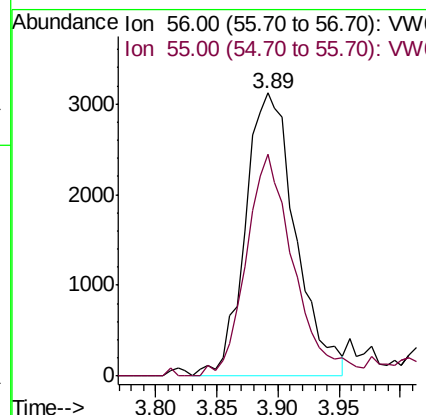
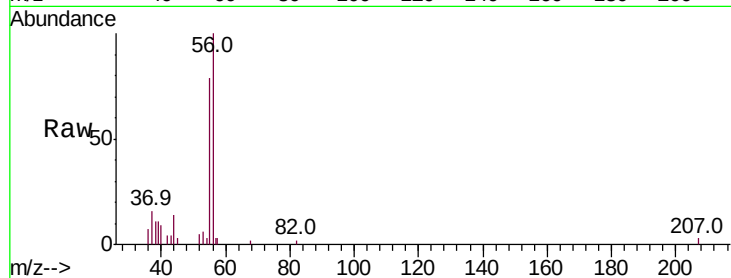
55 74.3 55.8 83.8

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#14

Allyl chloride

Concen: 20.991 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

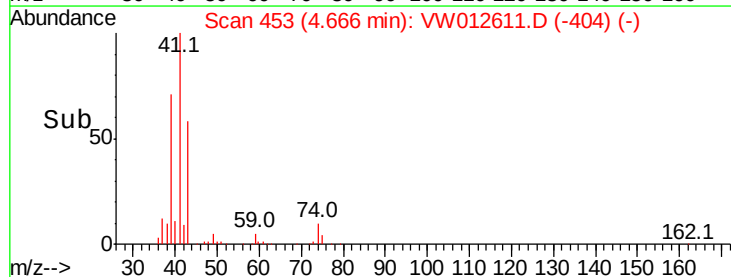
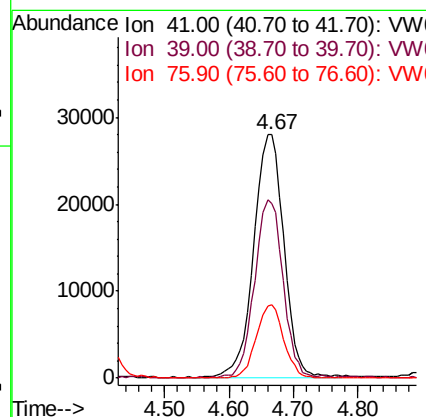
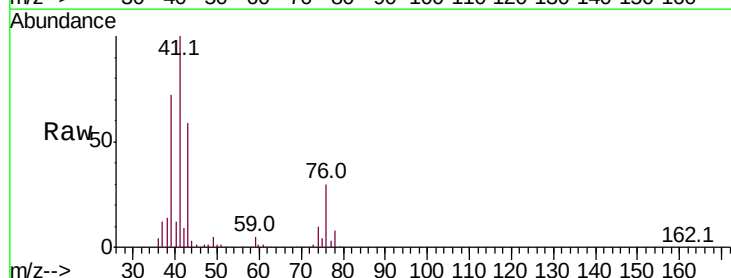
Tgt Ion: 41 Resp: 89758

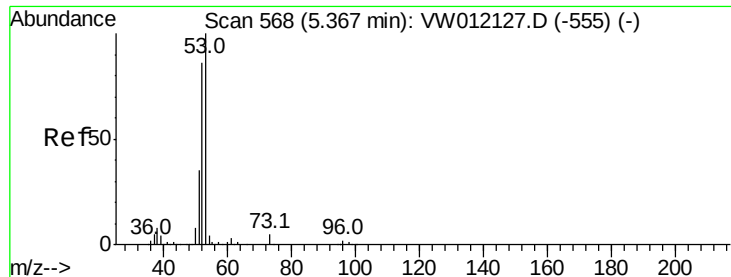
Ion Ratio Lower Upper

41 100

39 69.5 53.4 80.2

76 27.4 22.1 33.1





#15

Acrylonitrile

Concen: 134.892 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

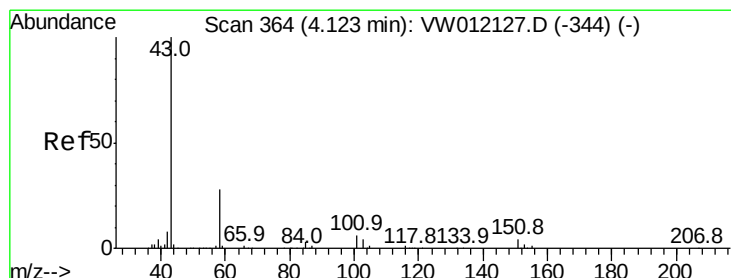
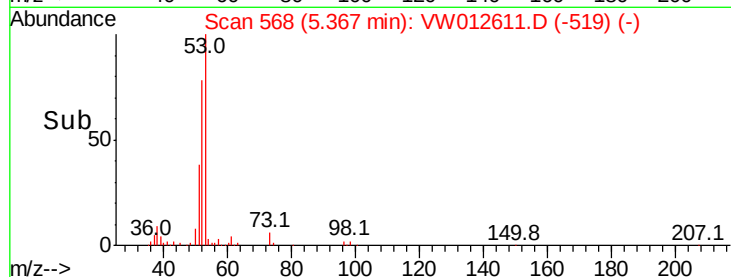
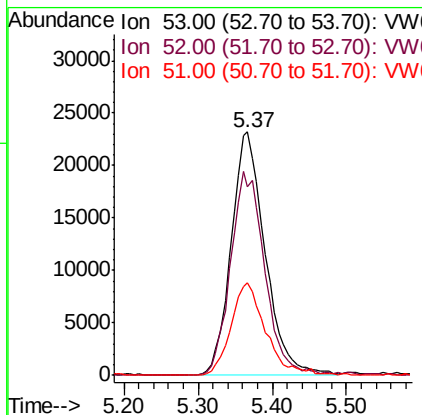
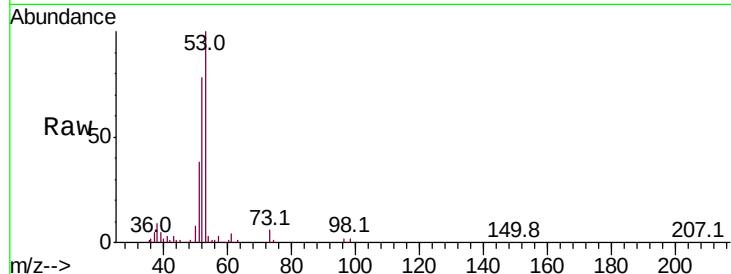
ClientSampleId :

VW0904SBS02

Tot Ion:	53	Resp:	74195
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.7	100.1
51	38.9	30.1	45.1

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#16

Acetone

Concen: 108.120 ug/l

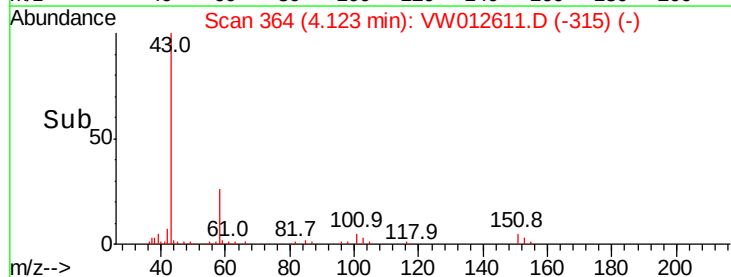
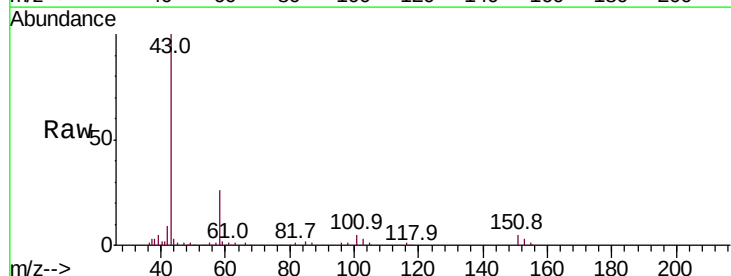
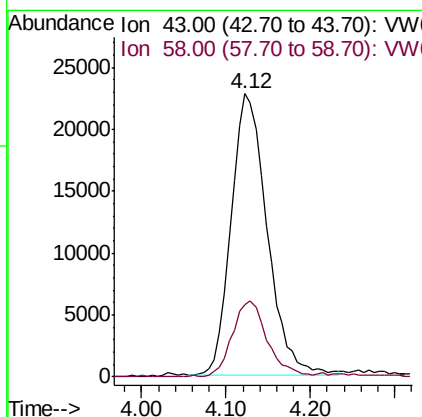
RT: 4.12 min Scan# 364

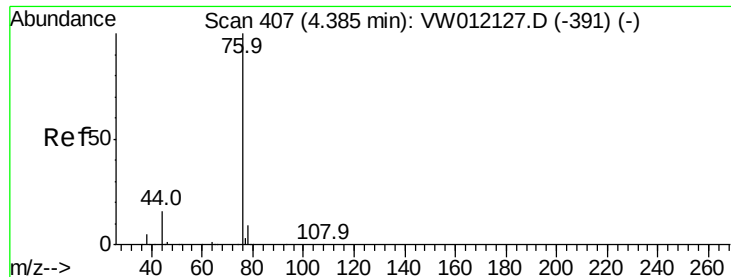
Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	43	Resp:	65514
Ion	Ratio	Lower	Upper
43	100		
58	25.5	22.4	33.6





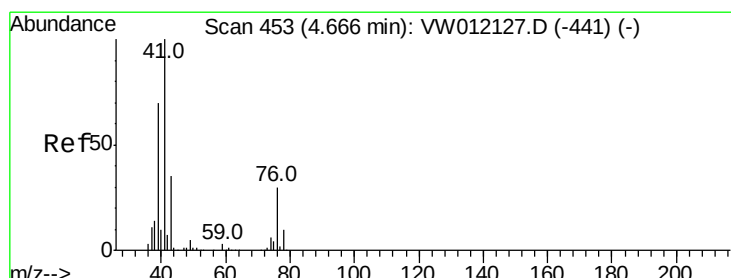
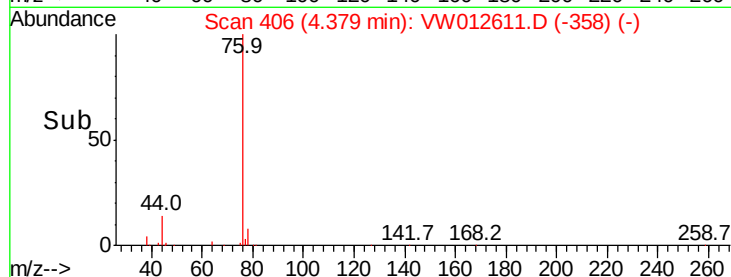
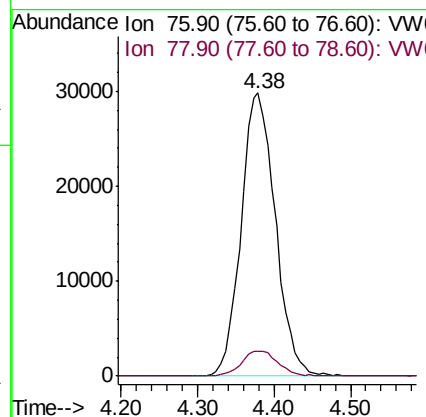
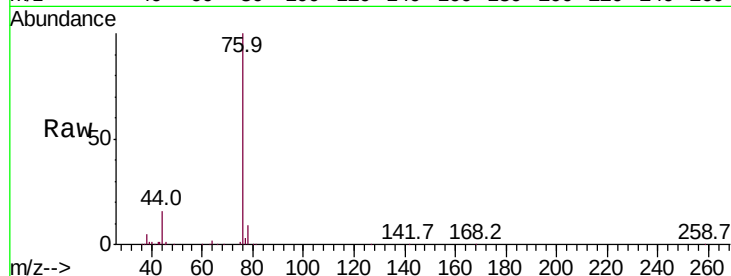
#17
Carbon Disulfide
Concen: 15.301 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion: 76 Resp: 92491
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

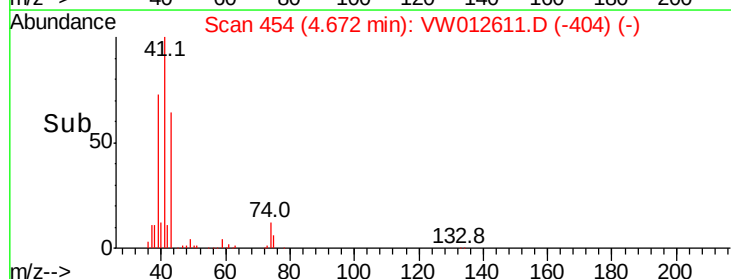
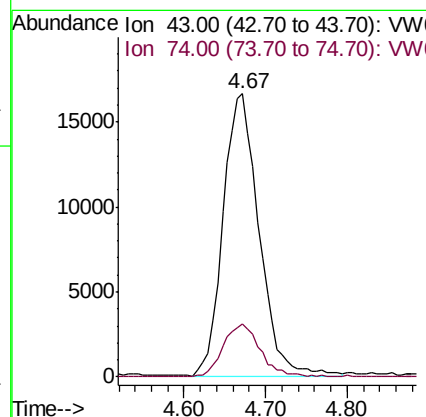
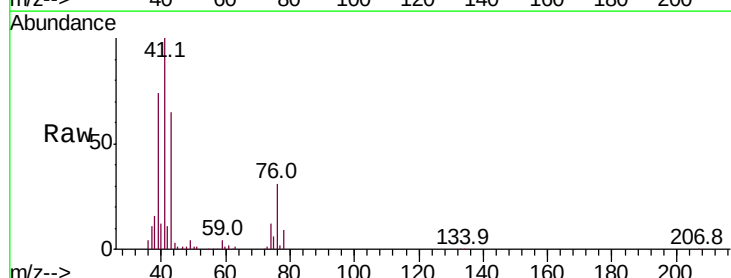
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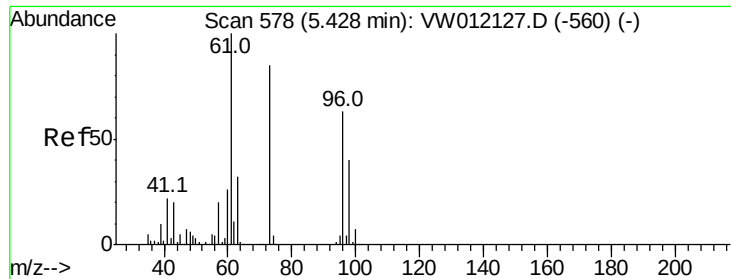
MMDadoda
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#18
Methyl Acetate
Concen: 34.154 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 43 Resp: 51259
Ion Ratio Lower Upper
43 100
74 18.9 15.7 23.5





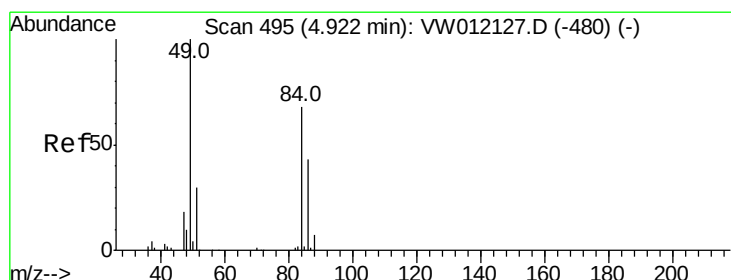
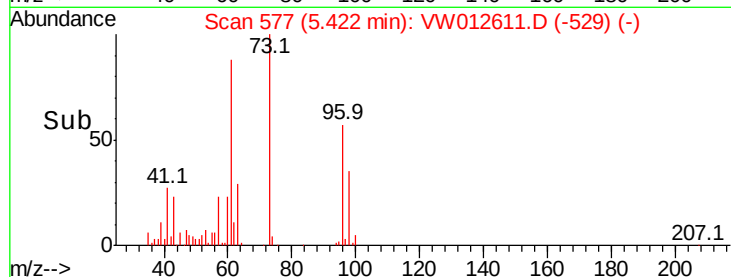
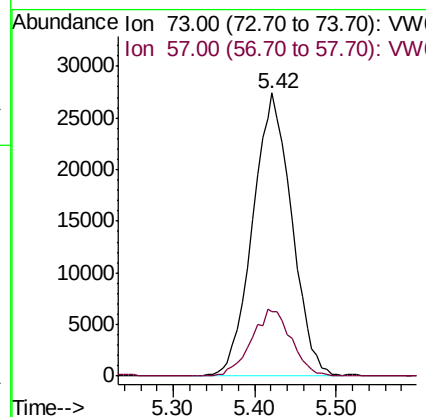
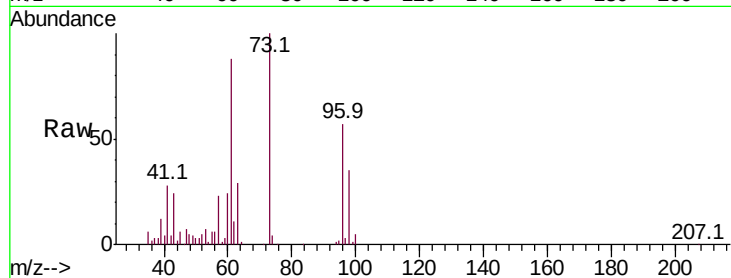
#19
Methvl tert-butyl Ether
Concen: 28.222 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion: 73 Resp: 91285
Ion Ratio Lower Upper
73 100
57 22.8 18.9 28.3

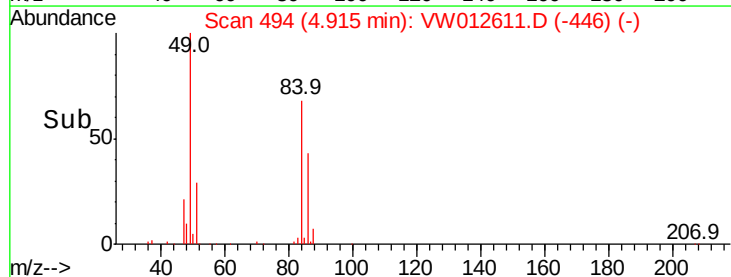
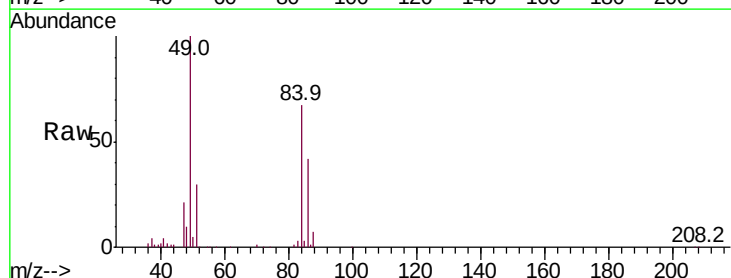
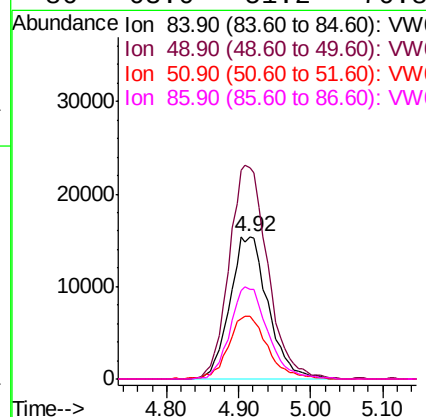
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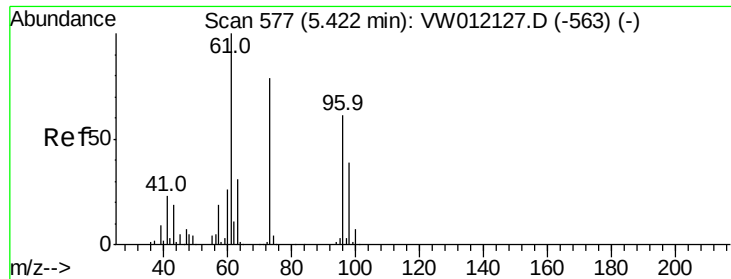
MMDadoda
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#20
Methylene Chloride
Concen: 24.726 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 84 Resp: 56640
Ion Ratio Lower Upper
84 100
49 148.7 117.8 176.8
51 44.1 35.6 53.4
86 63.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.825 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

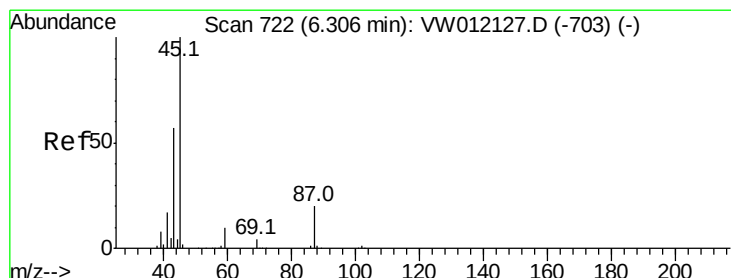
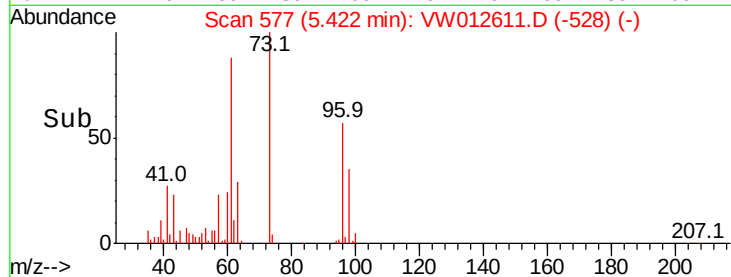
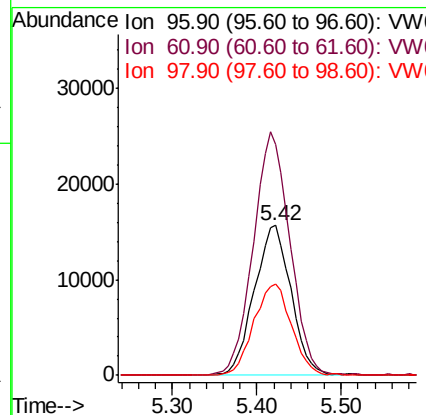
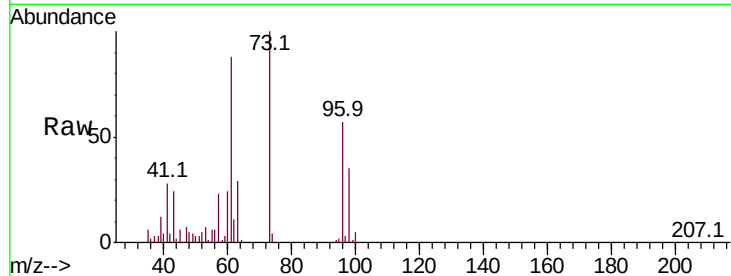
ClientSampleId :

VW0904SBS02

Tot Ion:	96	Resp:	46812
Ion	Ratio	Lower	Upper
96	100		
61	154.2	131.4	197.0
98	61.3	51.4	77.0

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#22

Diisopropyl ether

Concen: 25.244 ug/l

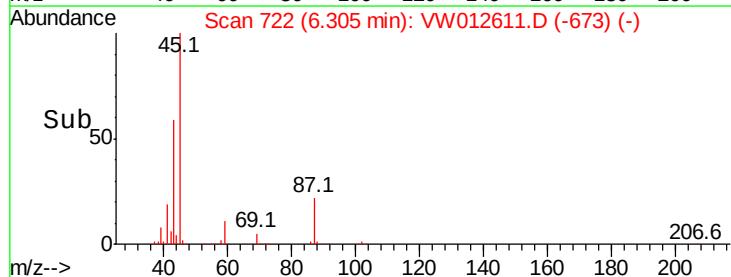
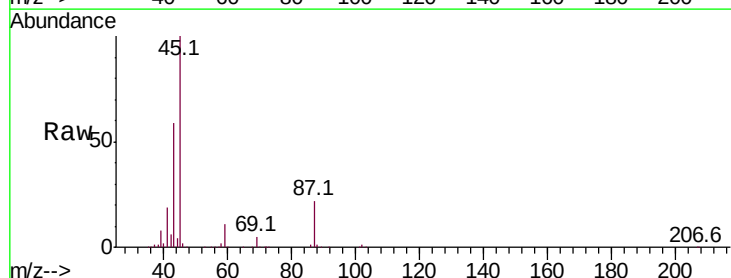
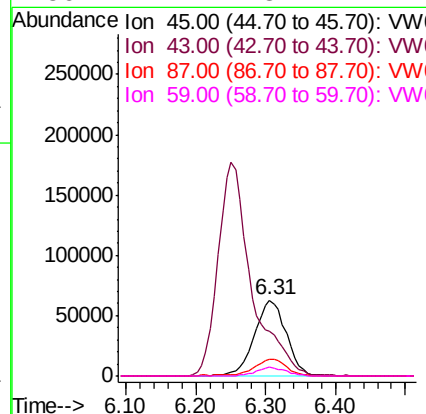
RT: 6.31 min Scan# 722

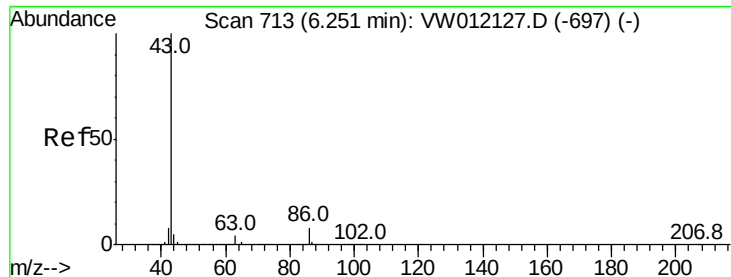
Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	45	Resp:	200086
Ion	Ratio	Lower	Upper
45	100		
43	57.9	45.5	68.3
87	21.8	16.1	24.1
59	11.2	8.2	12.2





#23

Vinyl Acetate

Concen: 121.129 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tot Ion: 43 Resp: 590840

Ion Ratio Lower Upper

43 100

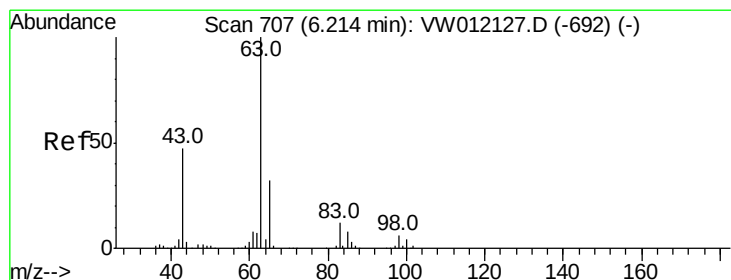
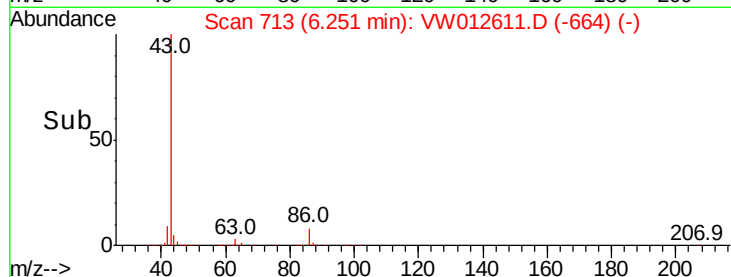
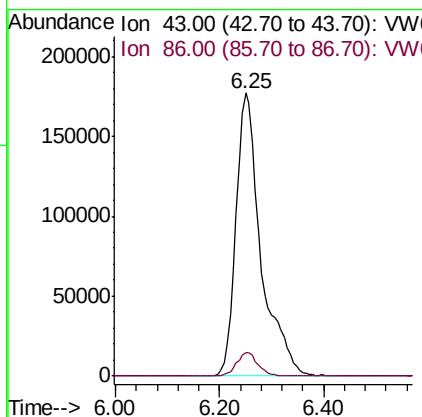
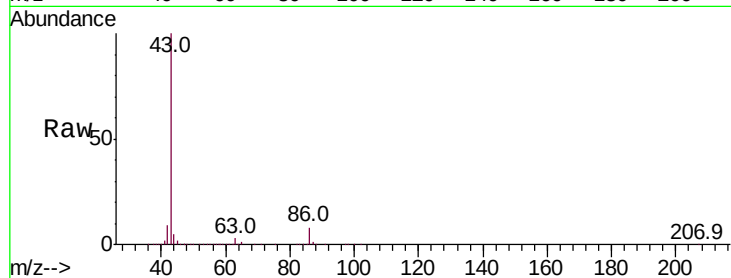
86 8.2 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 23.765 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

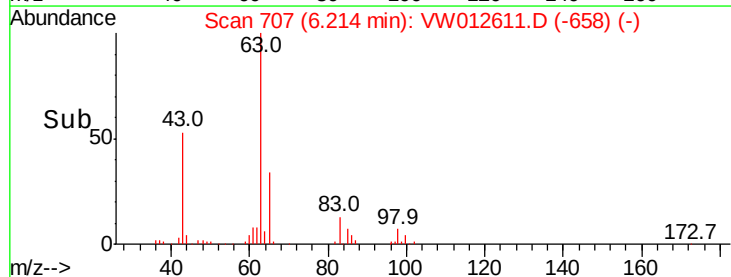
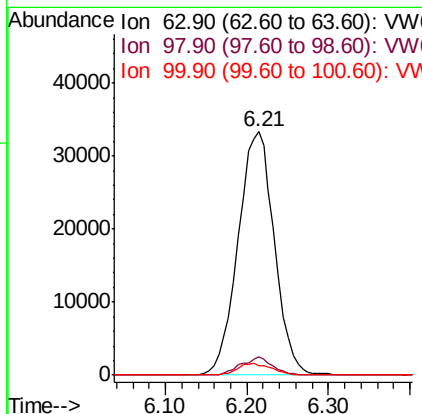
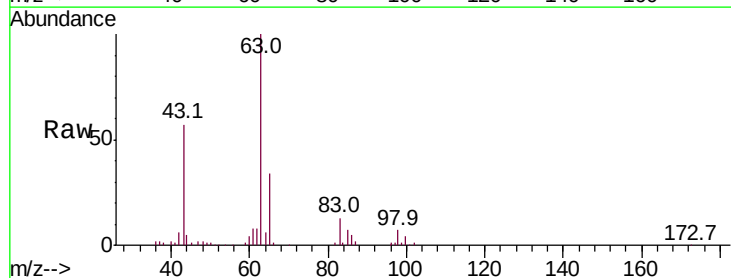
Tgt Ion: 63 Resp: 102560

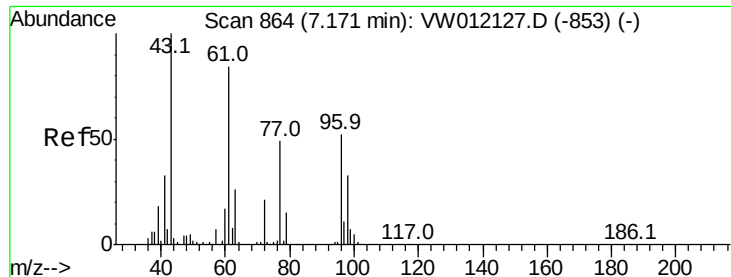
Ion Ratio Lower Upper

63 100

98 7.3 3.0 9.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 127.671 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampled :

VW0904SBS02

Tot Ion: 43 Resp: 105125

Ion Ratio Lower Upper

43 100

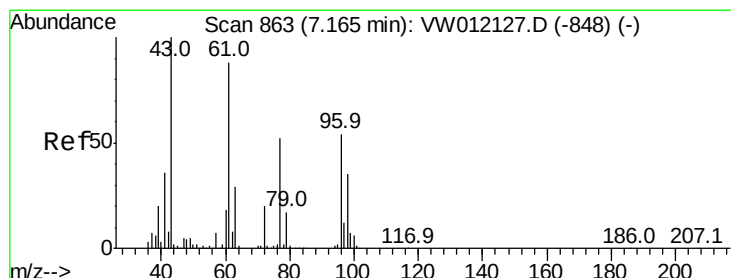
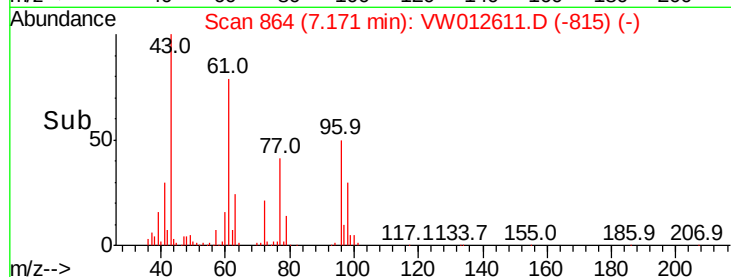
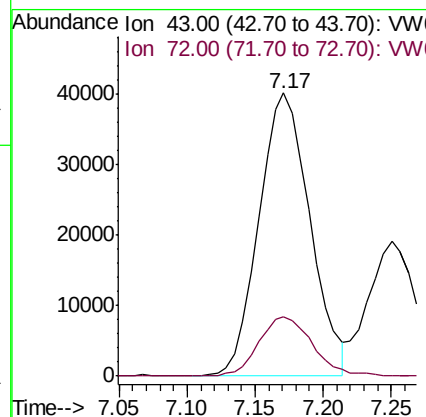
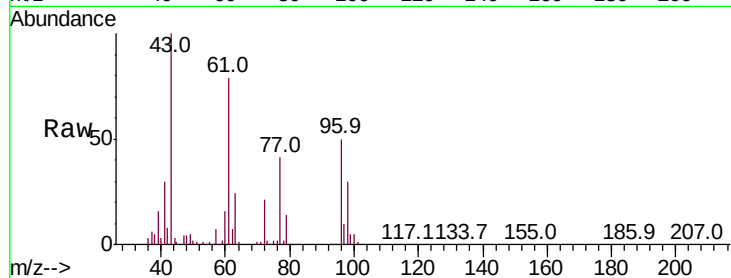
72 20.9 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.775 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012611.D

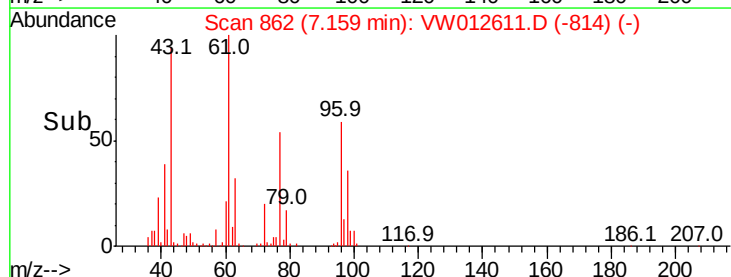
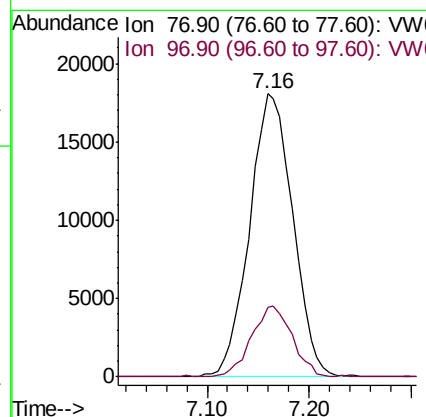
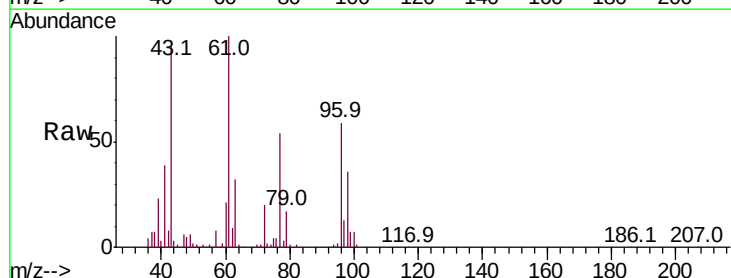
Acq: 05 Sep 2019 01:49

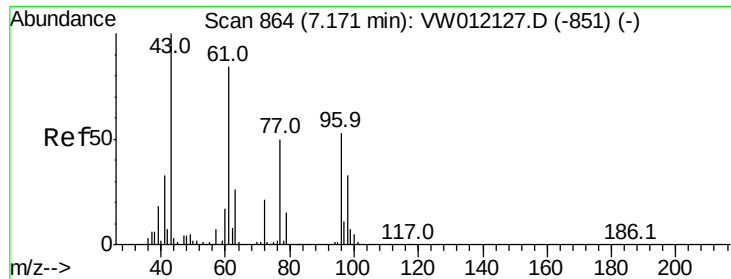
Tgt Ion: 77 Resp: 53190

Ion Ratio Lower Upper

77 100

97 23.6 11.1 33.1





#27

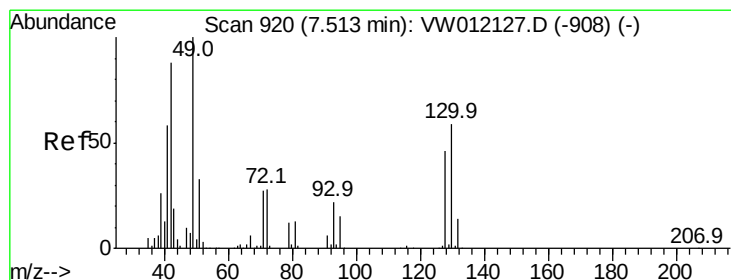
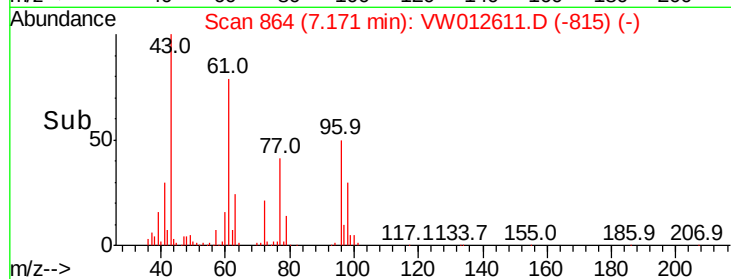
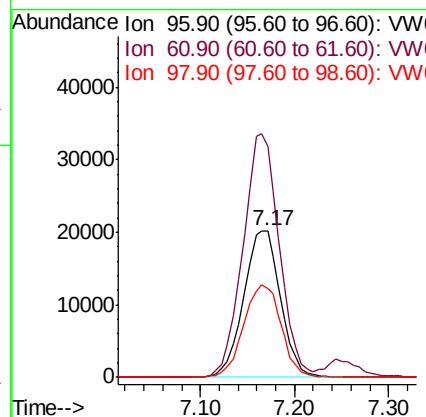
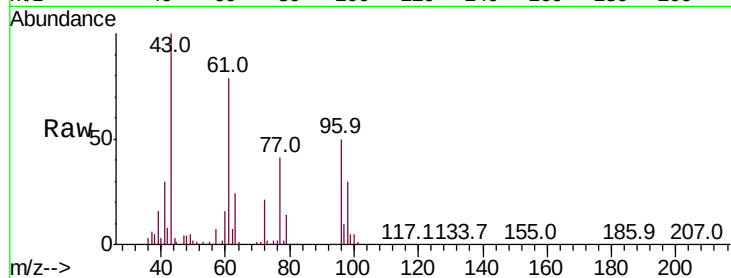
cis-1,2-Dichloroethene
 Concen: 24.114 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.2	0.0	326.6
98	64.5	0.0	127.4

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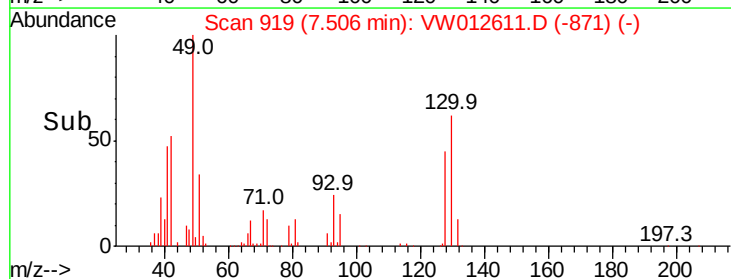
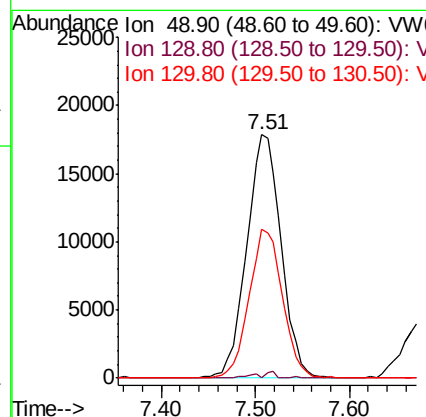
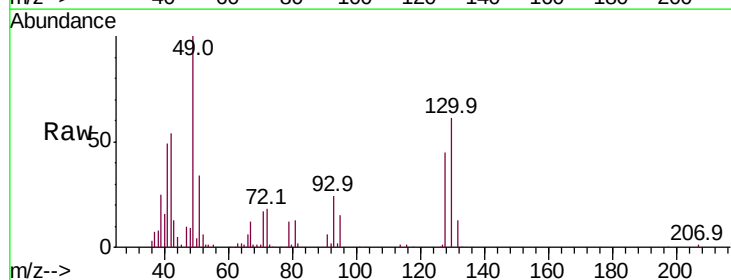
MMDadoda
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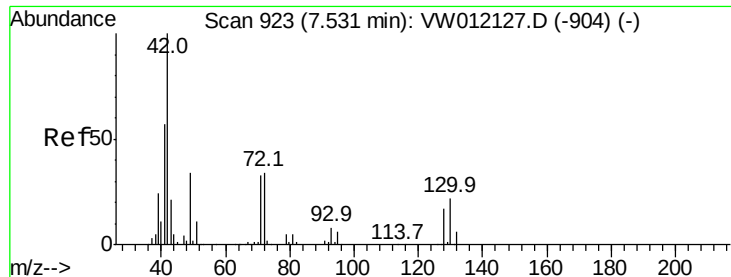


#28

Bromochloromethane
 Concen: 24.305 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.4
130	59.6	45.5	68.3





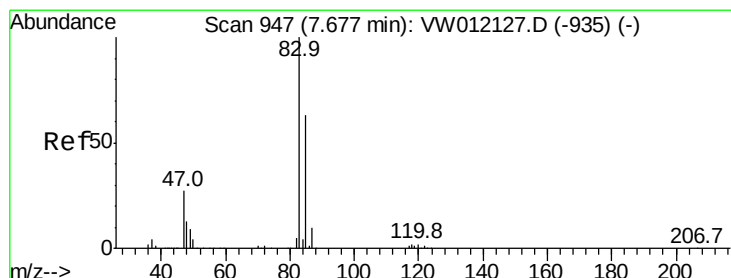
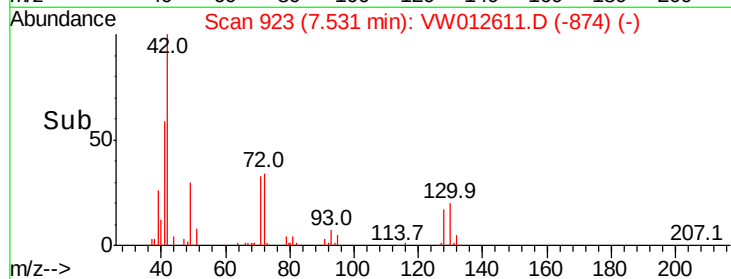
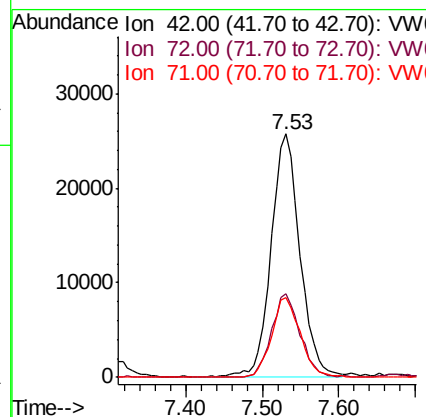
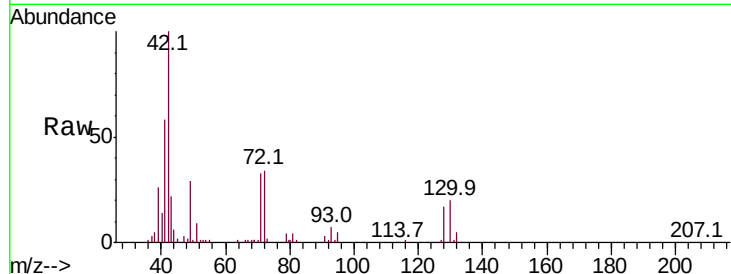
#29
Tetrahydrofuran
Concen: 137.411 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.3	40.9
71	32.6	25.5	38.3

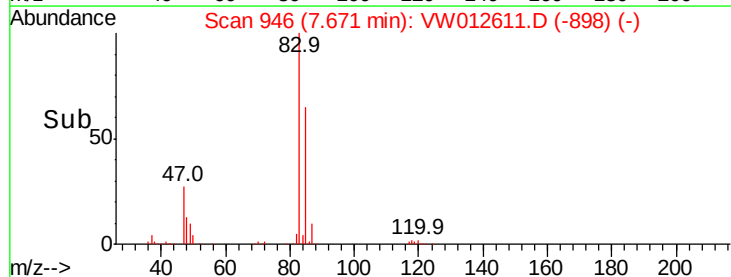
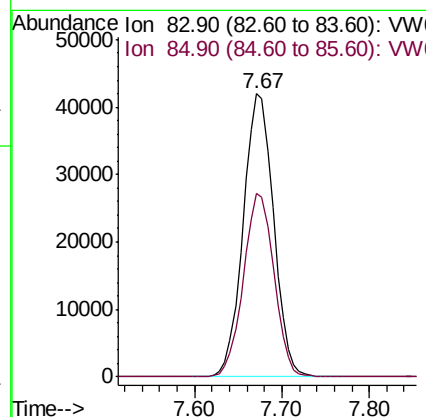
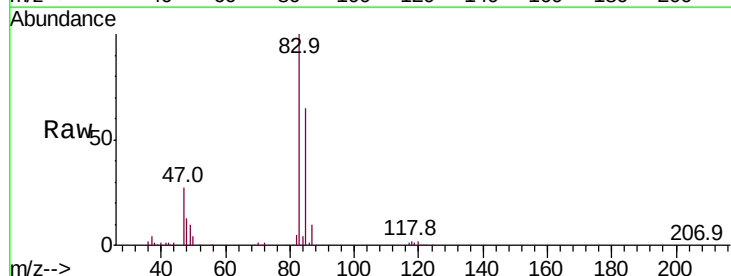
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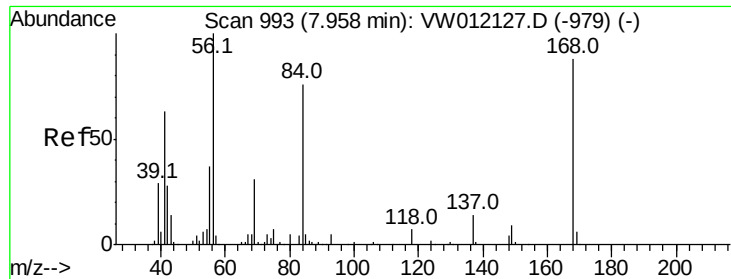
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#30
Chloroform
Concen: 25.697 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	76.0





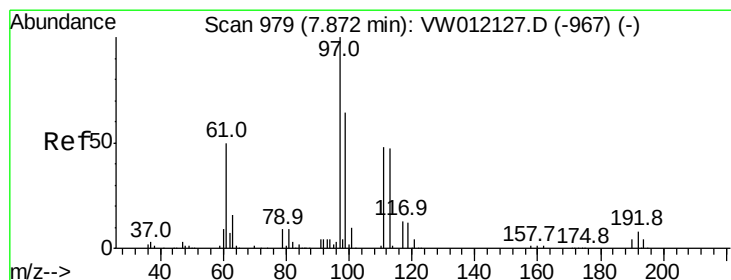
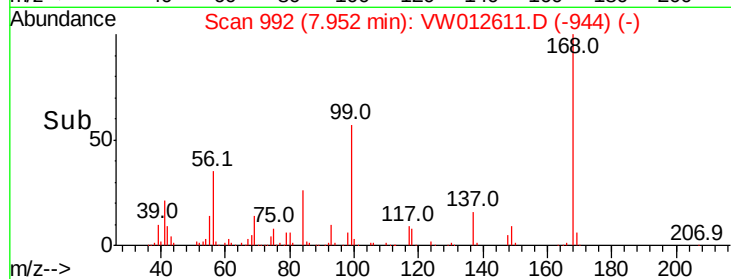
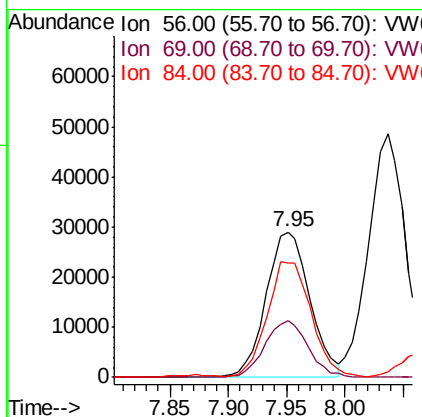
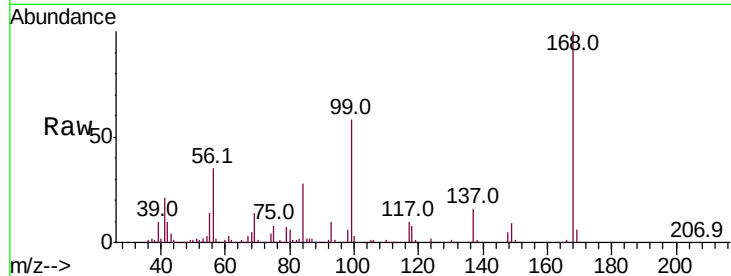
#31
Cyclohexane
Concen: 17.695 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	24.9	37.3#
84	77.6	60.6	90.8

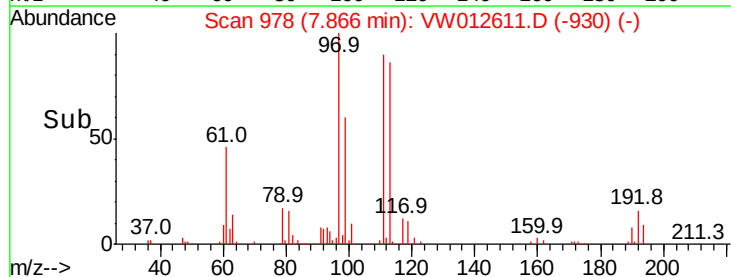
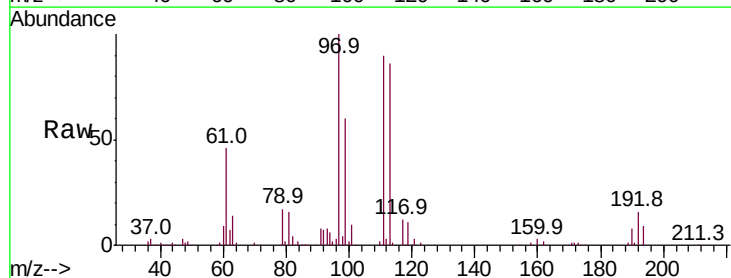
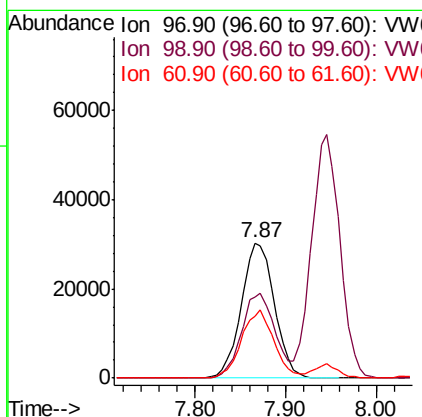
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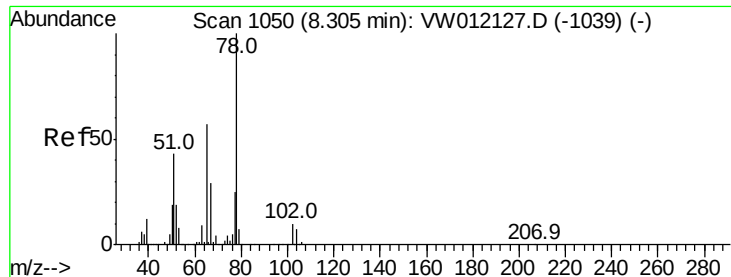
MMDadoda
9/7/2019 12:46:15 AM



#32
1,1,1-Trichloroethane
Concen: 24.554 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	48.8	39.5	59.3





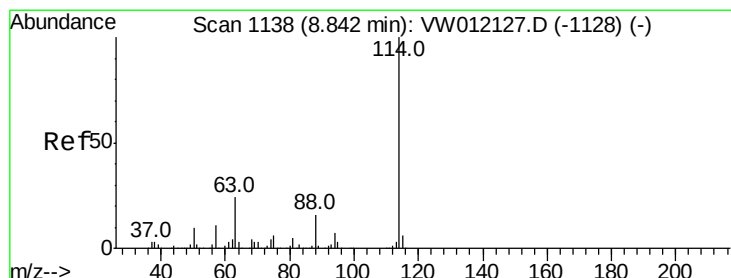
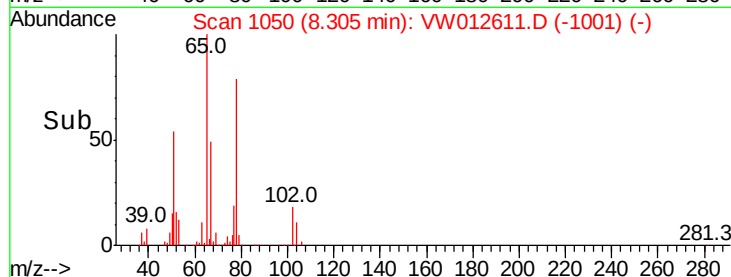
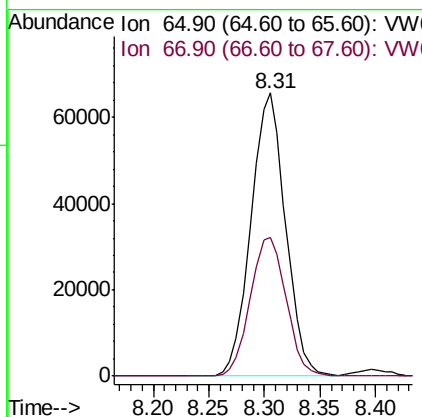
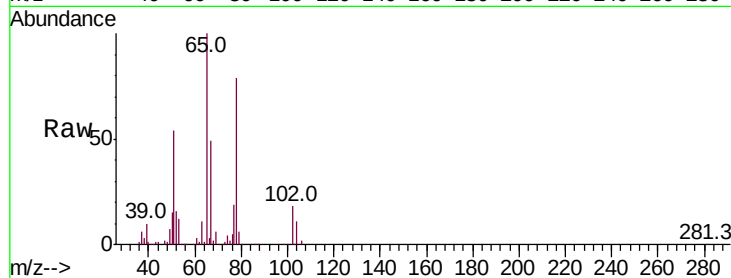
#33
 1,2-Dichloroethane-d4
 Concen: 59.747 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6

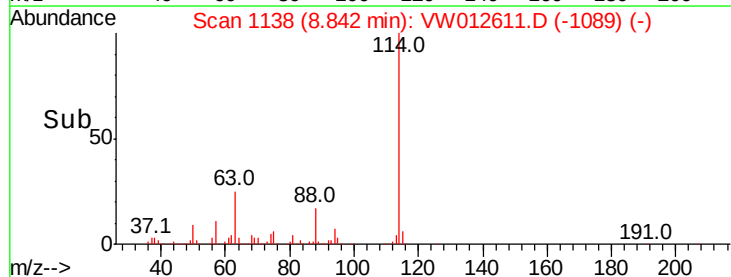
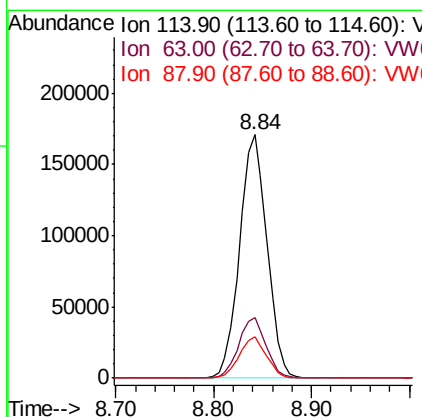
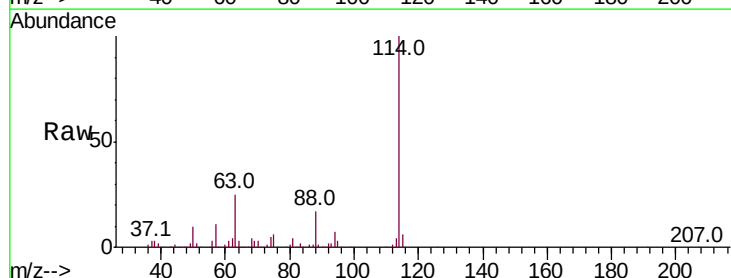
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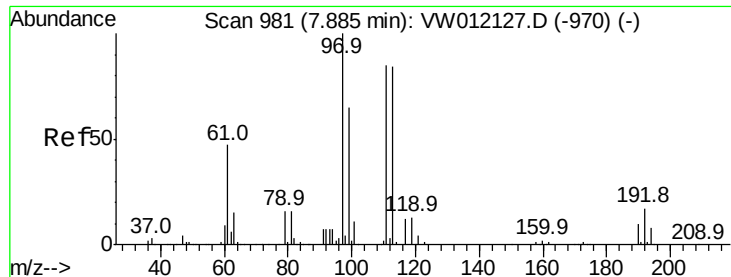
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	48.6
88	17.2	0.0	32.2





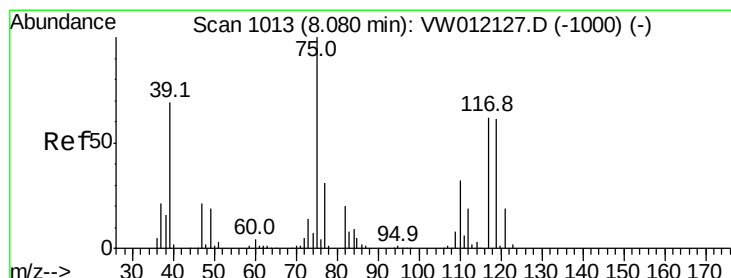
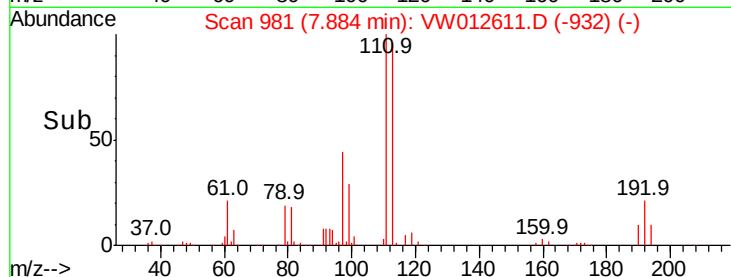
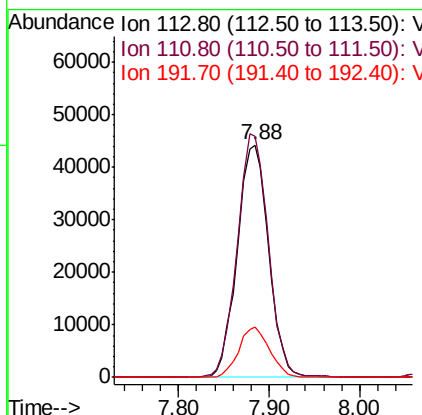
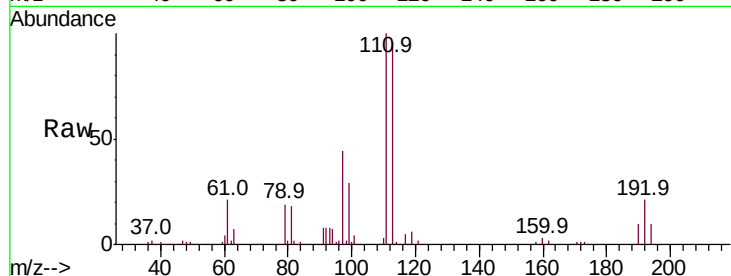
#35
 Dibromofluoromethane
 Concen: 53.503 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106088		
111	103.7	82.7	124.1	
192	21.1	16.2	24.2	

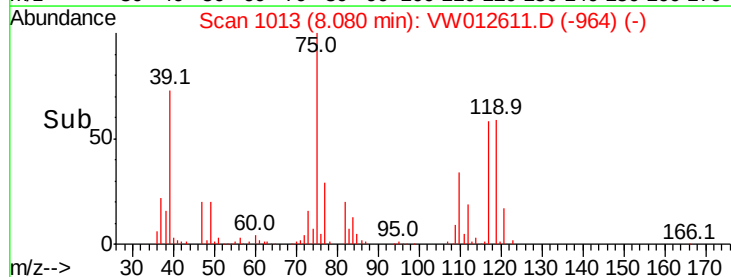
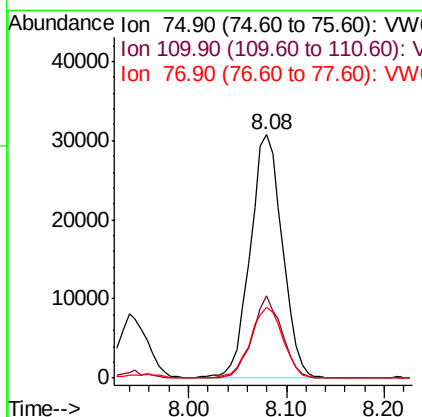
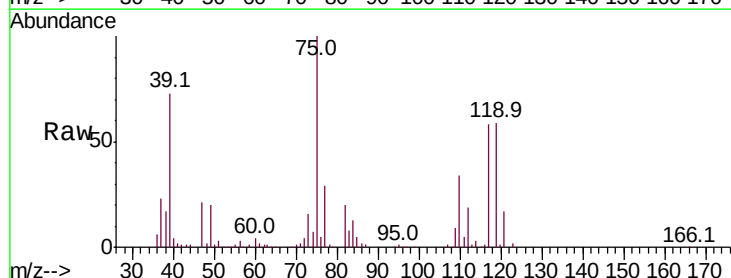
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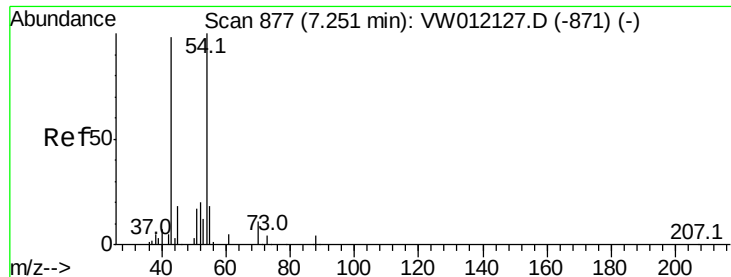
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#36
 1,1-Dichloropropene
 Concen: 20.293 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69663		
110	31.2	15.6	46.8	
77	30.1	24.6	36.8	





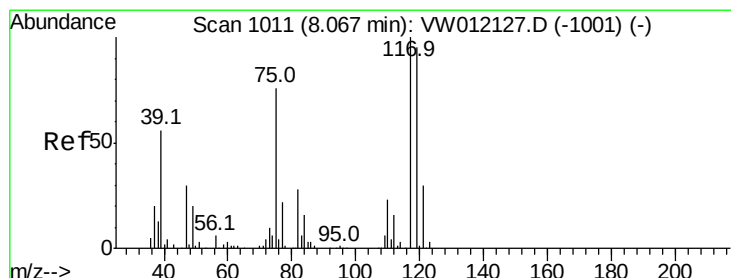
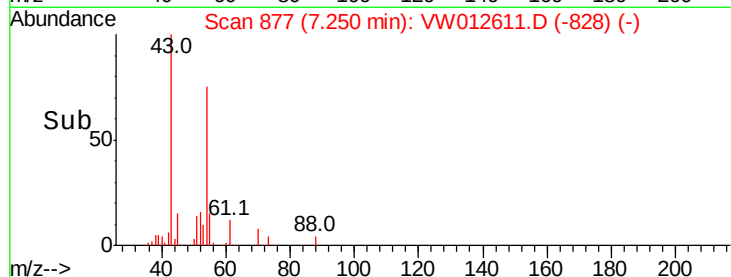
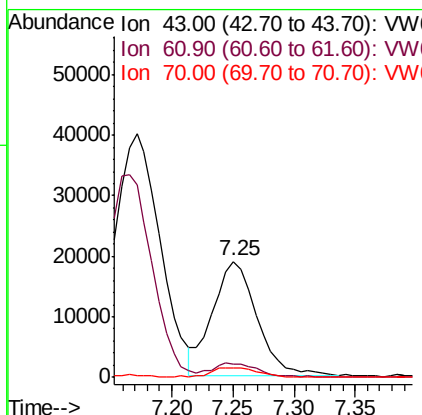
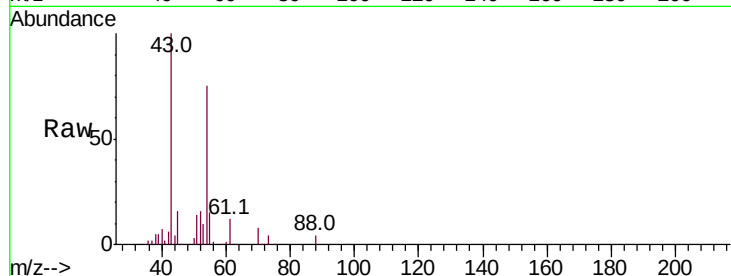
#37
Ethyl Acetate
Concen: 25.400 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.2	13.8
70	9.1	6.9	10.3

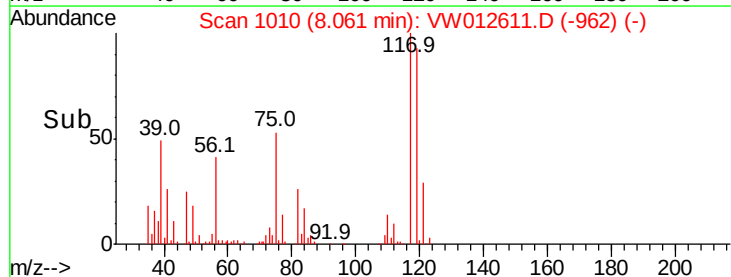
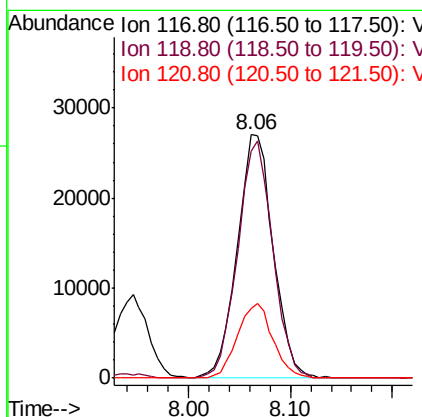
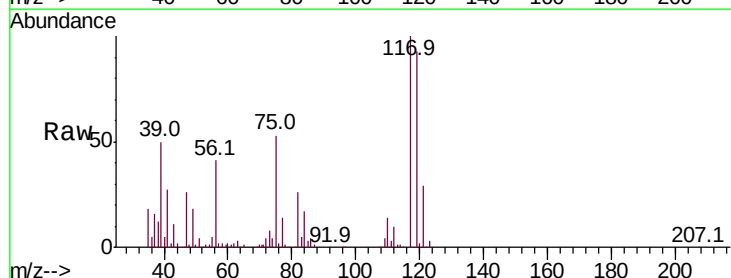
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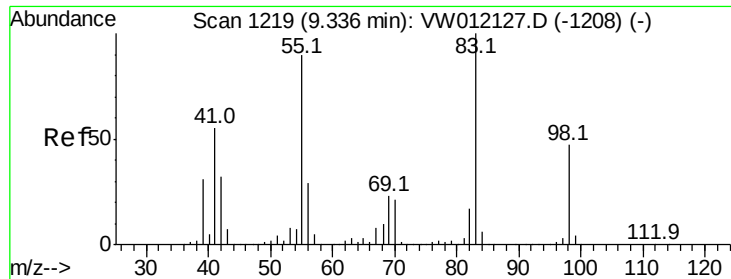
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#38
Carbon Tetrachloride
Concen: 22.243 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.2	114.2
121	28.6	23.8	35.8





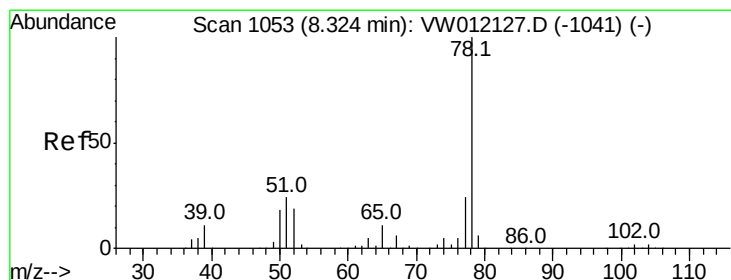
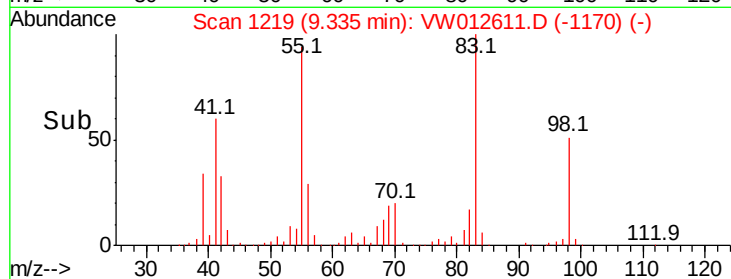
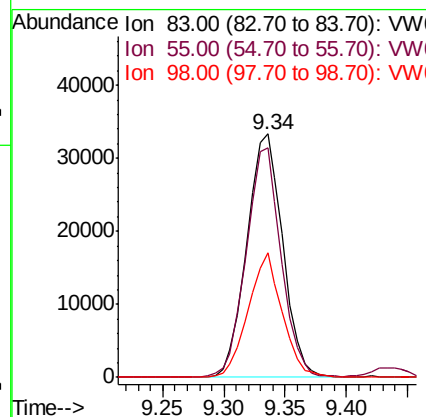
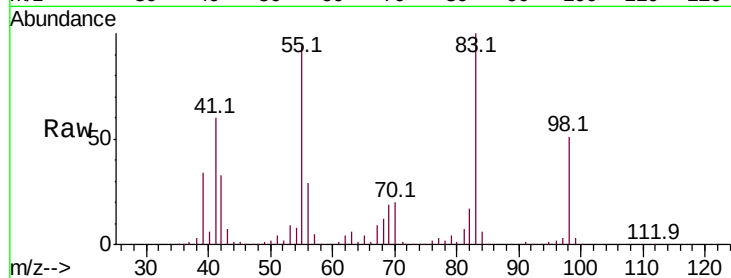
#39
Methylvlcyclohexane
Concen: 17.677 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	83	Resp	68171
Ion Ratio	100	Lower	Upper
83	100	71.8	107.8
55	94.1	37.8	56.8
98	51.0		

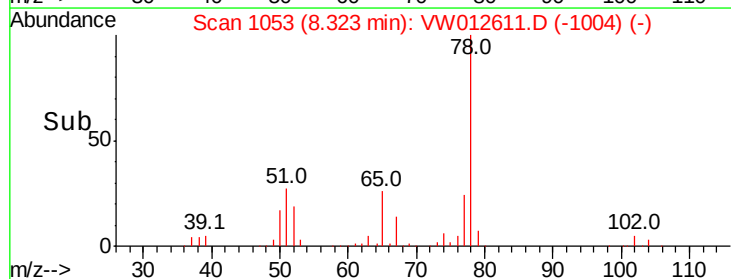
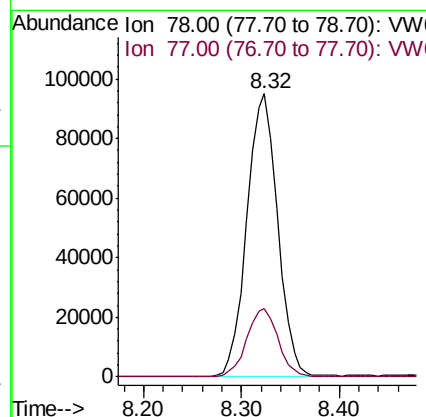
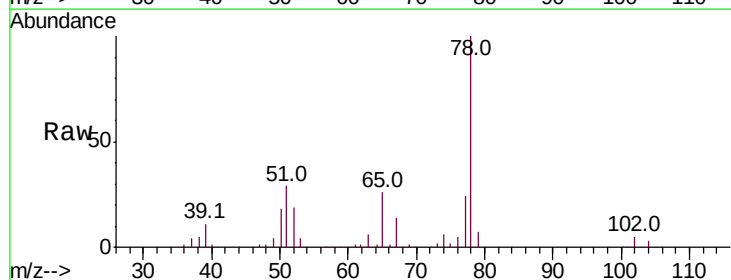
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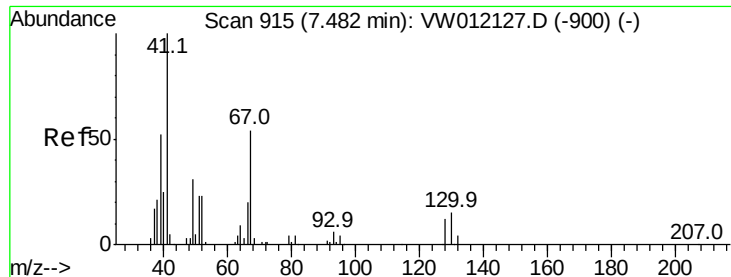
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#40
Benzene
Concen: 22.184 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	78	Resp	207940
Ion Ratio	100	Lower	Upper
78	100	19.5	29.3
77	23.9		





#41

Methacrylonitrile

Concen: 29.798 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

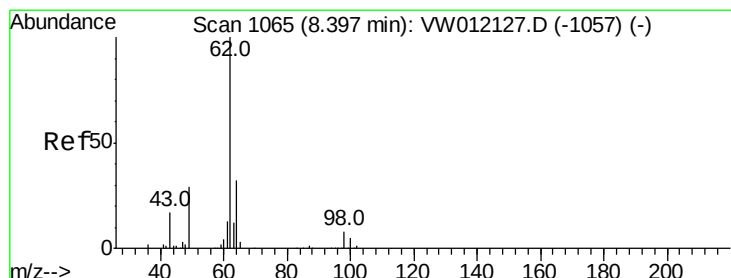
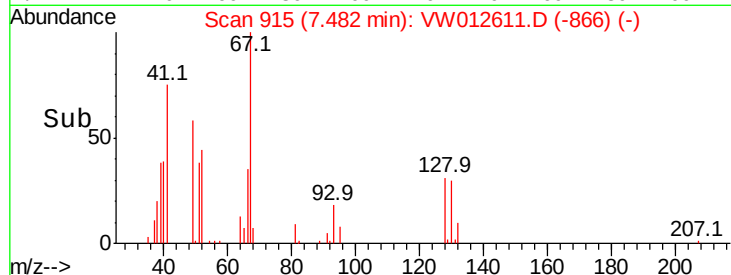
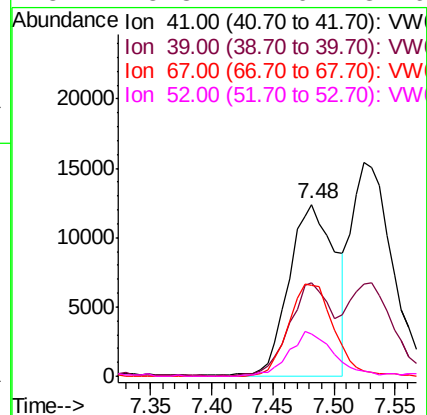
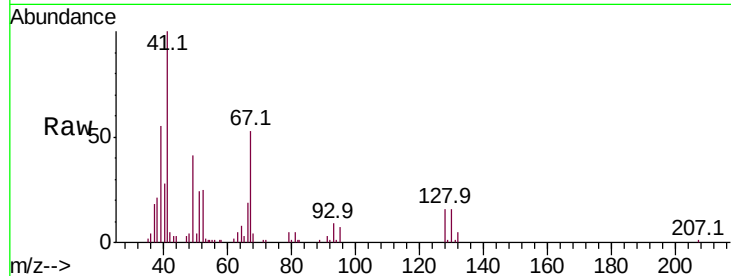
ClientSampleId :

VW0904SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	47.6	45.8	68.8
67	52.3	46.2	69.4
52	25.8	21.0	31.6

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9/7/2019 12:46:15 AM



#42

1,2-Dichloroethane

Concen: 26.672 ug/l

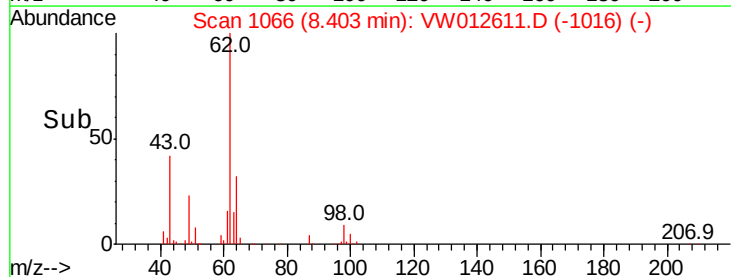
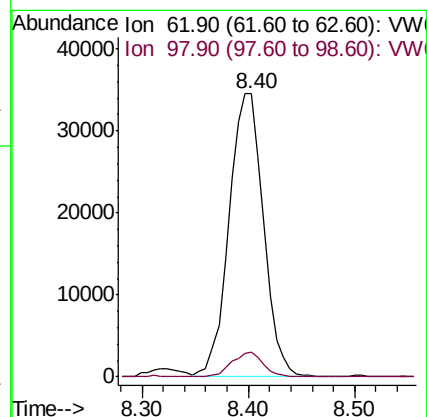
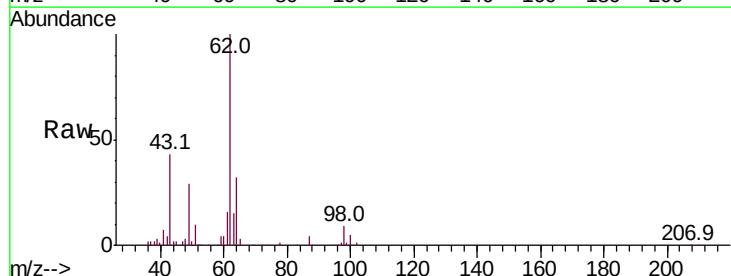
RT: 8.40 min Scan# 1066

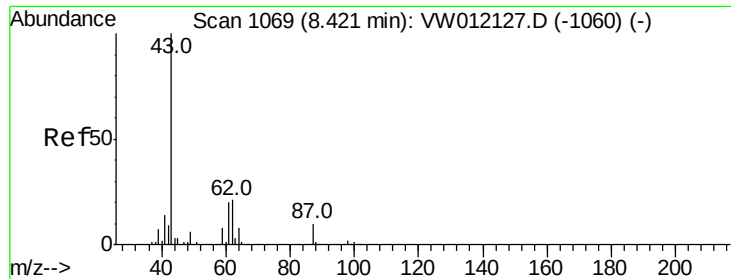
Delta R.T. 0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 26.264 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

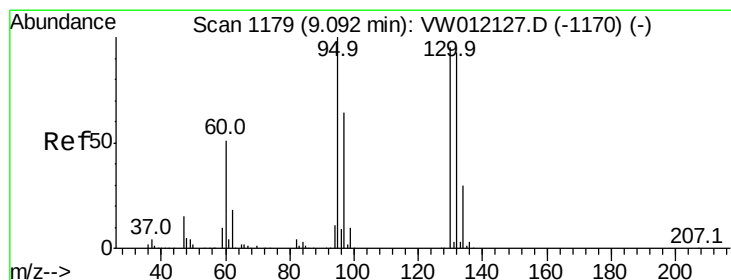
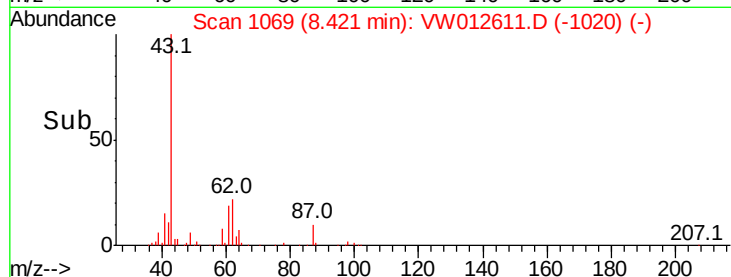
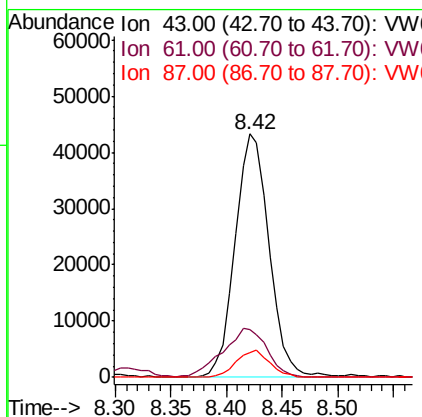
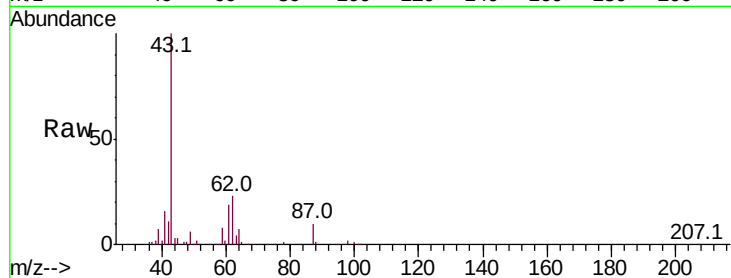
ClientSampleId :

VW0904SBS02

Tot Ion:	43	Resp:	91514
Ion	Ratio	Lower	Upper
43	100		
61	25.8	21.1	31.7
87	10.9	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 22.459 ug/l

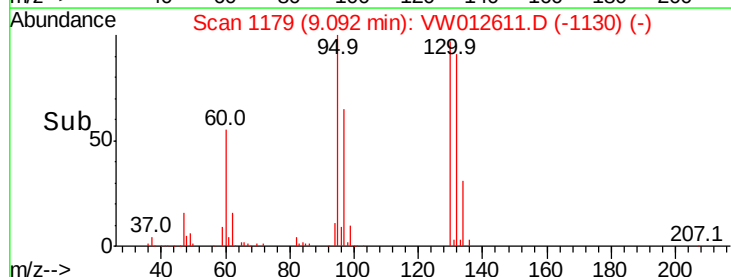
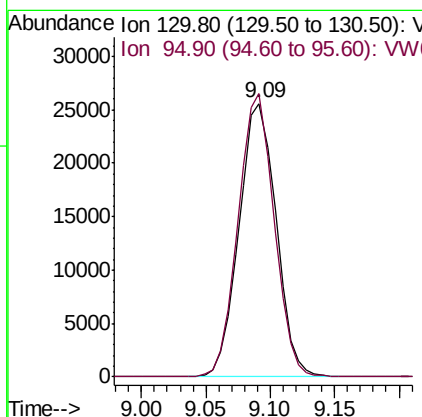
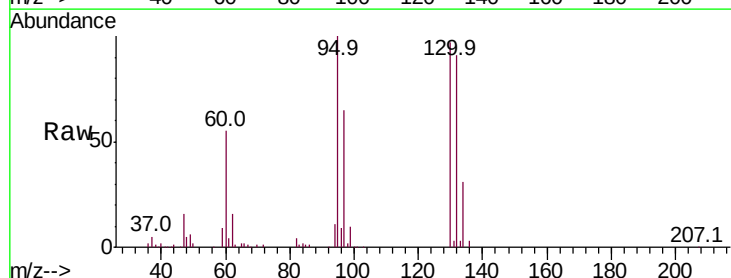
RT: 9.09 min Scan# 1179

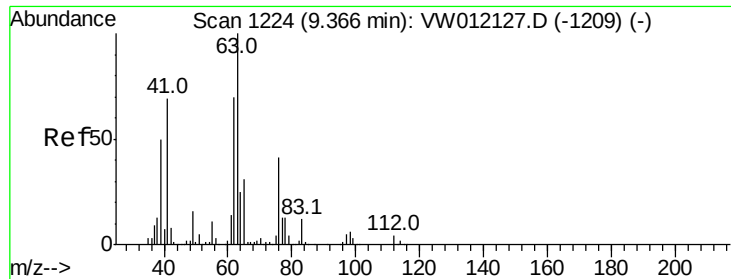
Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	130	Resp:	51177
Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	210.6





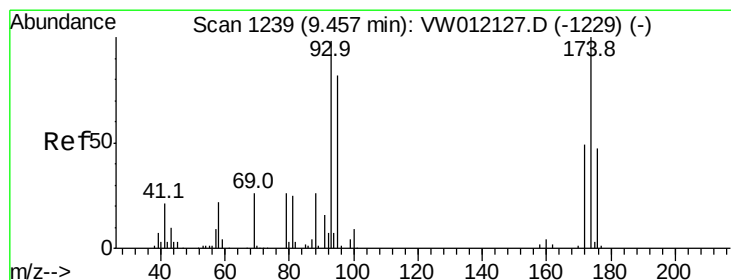
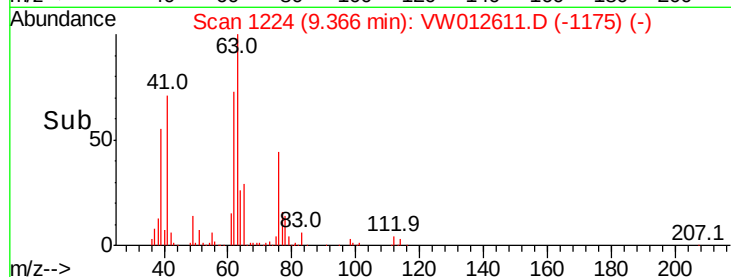
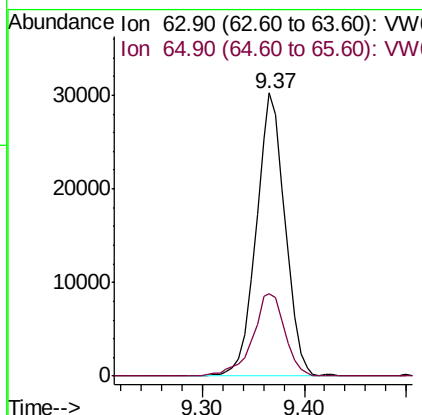
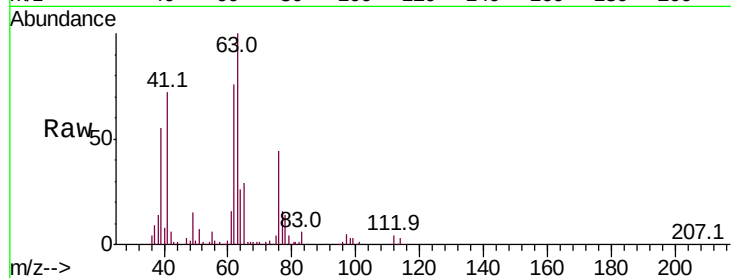
#45
 1,2-Dichloropropane
 Concen: 23.577 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tot Ion: 63 Resp: 59478
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.4

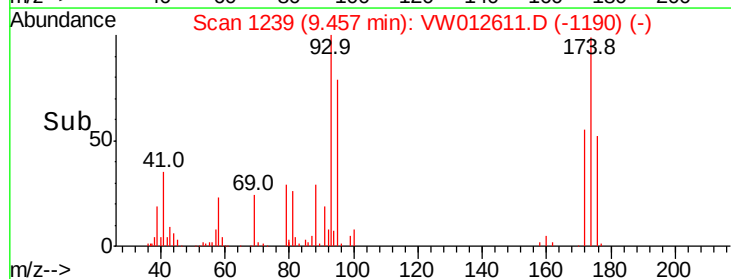
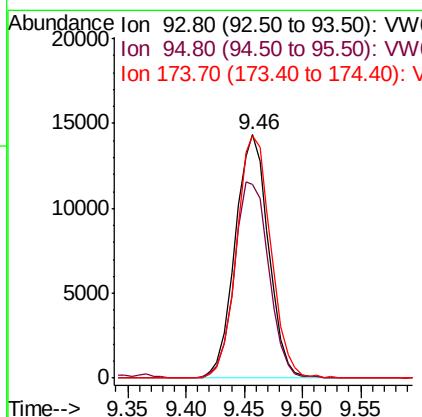
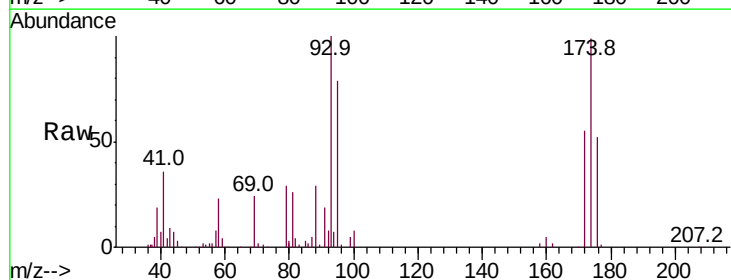
Manual Integrations
 APPROVED

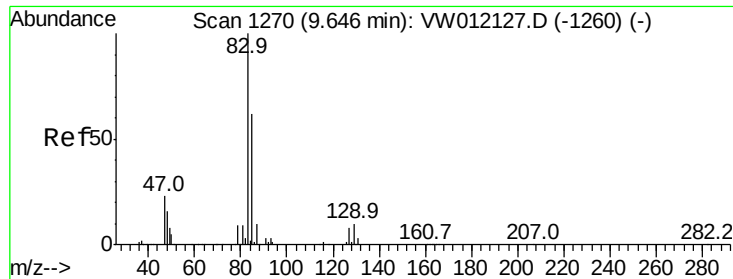
MMDadoda
 9/7/2019 12:46:15 AM



#46
 Dibromomethane
 Concen: 25.526 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 93 Resp: 28651
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 101.4 79.0 118.6





#47

Bromodichloromethane

Concen: 25.229 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

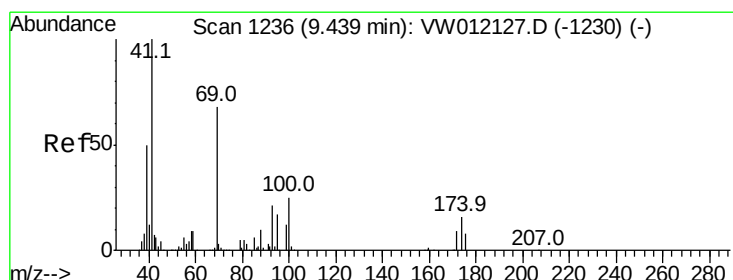
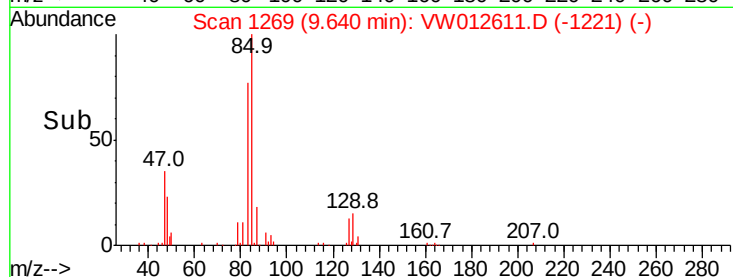
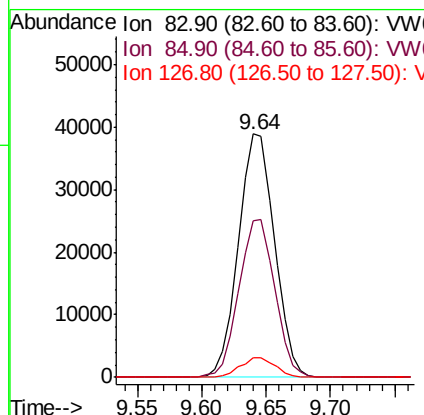
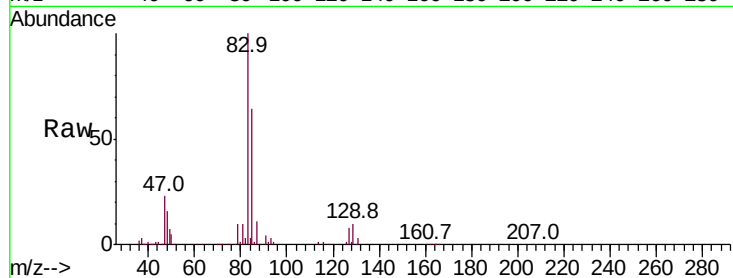
ClientSampleId :

VW0904SBS02

Tot Ion:	83	Resp:	75365
Ion Ratio	Lower	Upper	
83	100		
85	64.2	49.4	74.2
127	8.2	6.1	9.1

Manual Integrations
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MMDadoda
9/7/2019 12:46:15 AM



#48

Methyl methacrylate

Concen: 26.275 ug/l

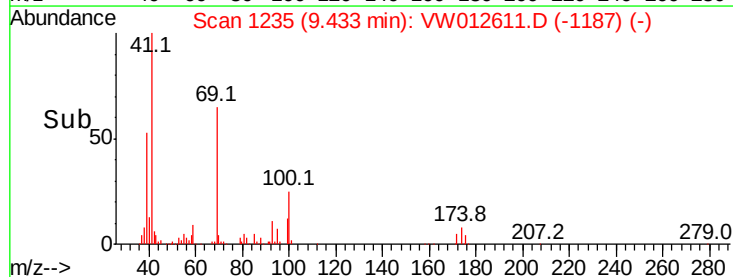
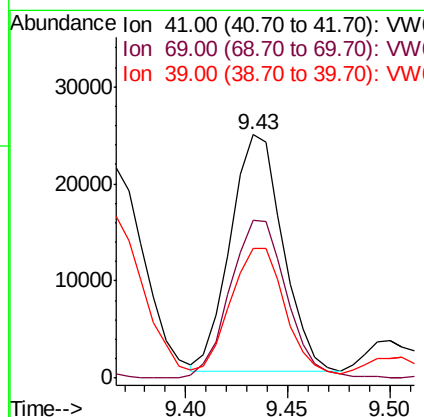
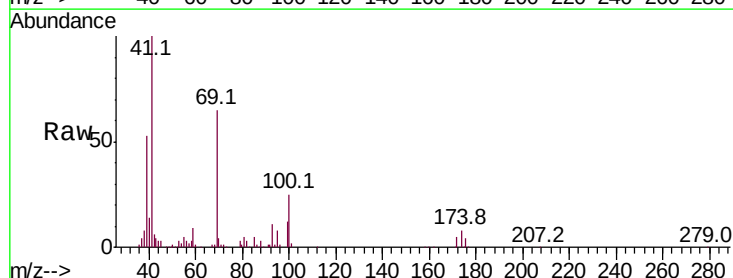
RT: 9.43 min Scan# 1235

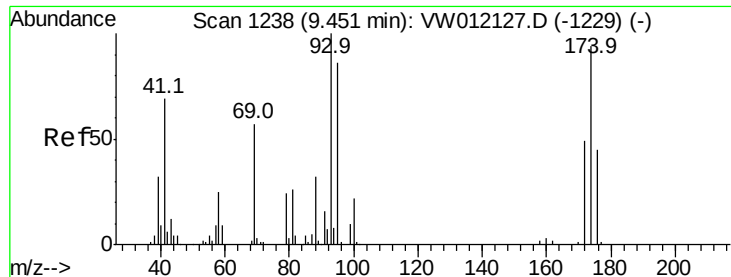
Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	41	Resp:	43575
Ion Ratio	Lower	Upper	
41	100		
69	71.9	56.7	85.1
39	57.8	42.0	63.0





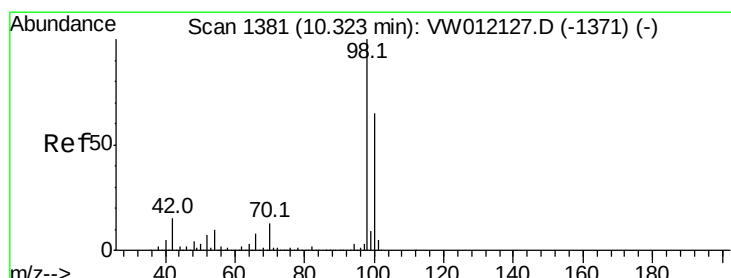
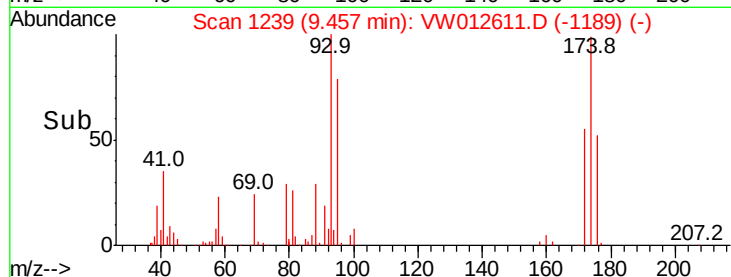
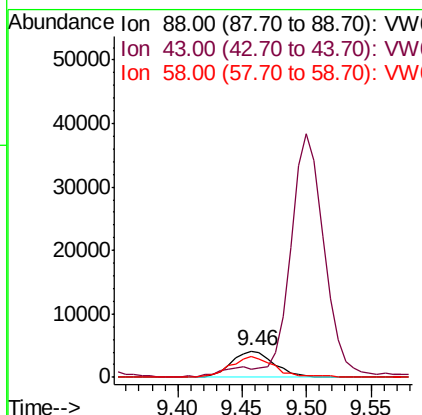
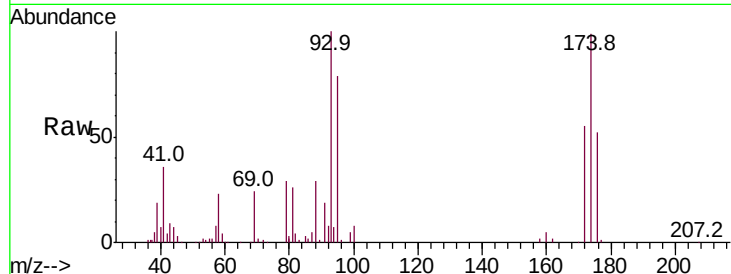
#49
1,4-Dioxane
Concen: 547.228 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion: 88 Resp: 9403
Ion Ratio Lower Upper
88 100
43 28.8 32.9 49.3#
58 84.1 71.0 106.4

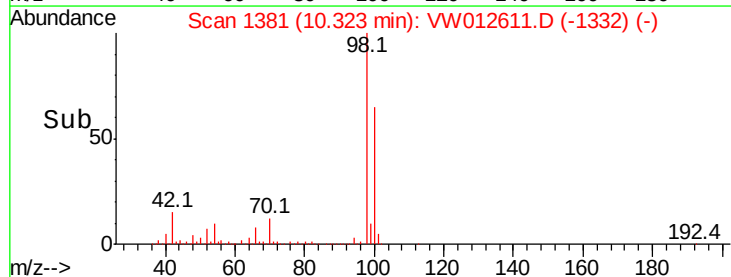
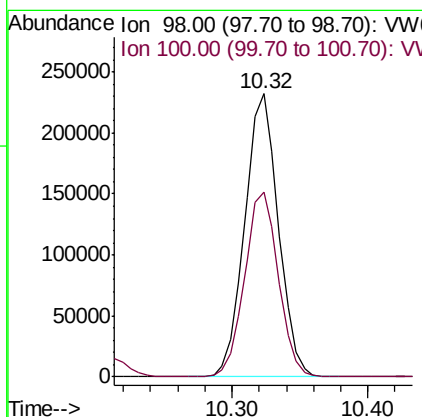
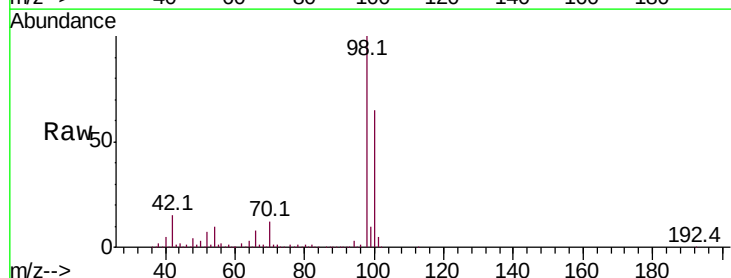
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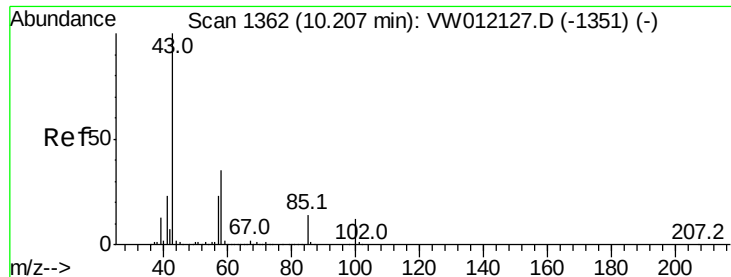
MMDadoda
9/7/2019 12:46:15 AM



#50
Toluene-d8
Concen: 50.003 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 98 Resp: 402022
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 135.185 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampled :

VW0904SBS02

Tot Ion: 43 Resp: 239587

Ion Ratio Lower Upper

43 100

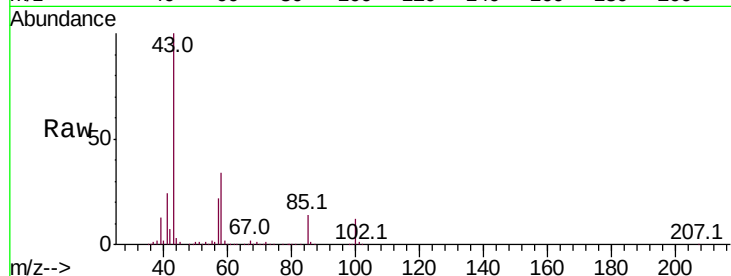
58 34.7 28.2 42.2

Manual Integrations

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MMDadoda

9/7/2019 12:46:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

150000

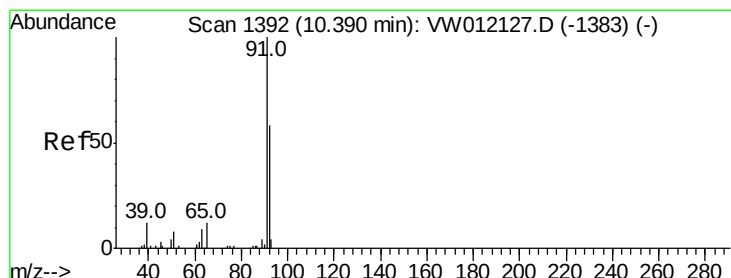
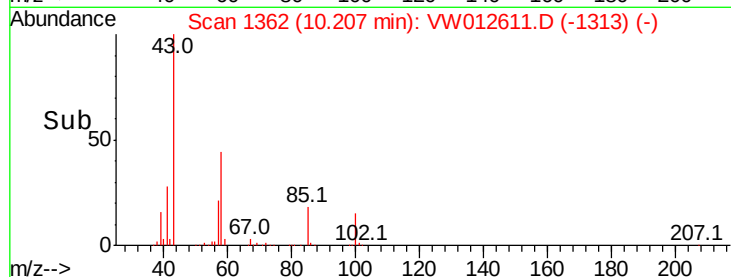
100000

50000

0

10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 22.771 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012611.D

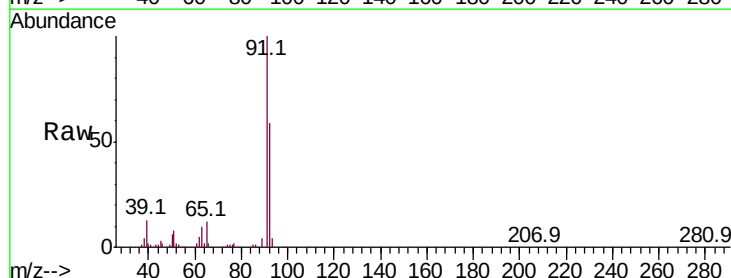
Acq: 05 Sep 2019 01:49

Tgt Ion: 92 Resp: 128226

Ion Ratio Lower Upper

92 100

91 172.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

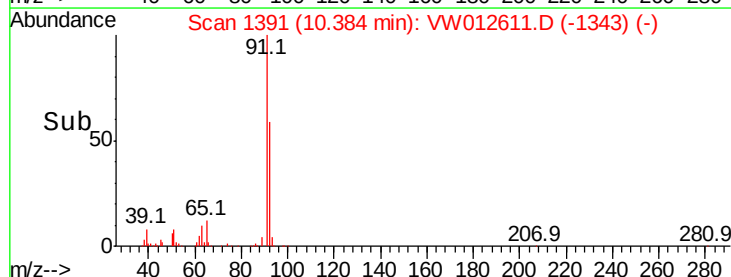
100000

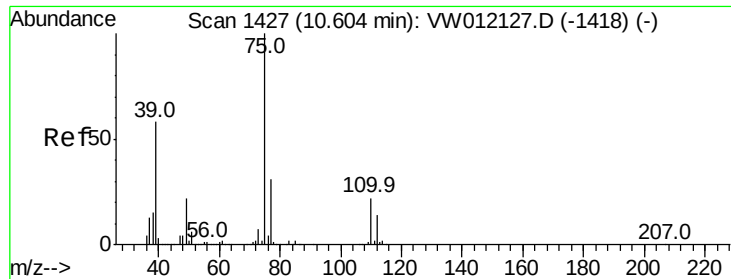
50000

0

10.30 10.40 10.50

Time-->





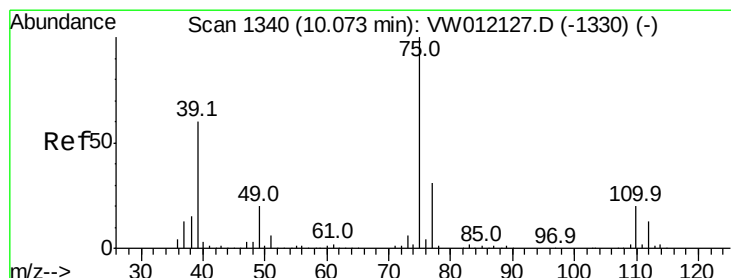
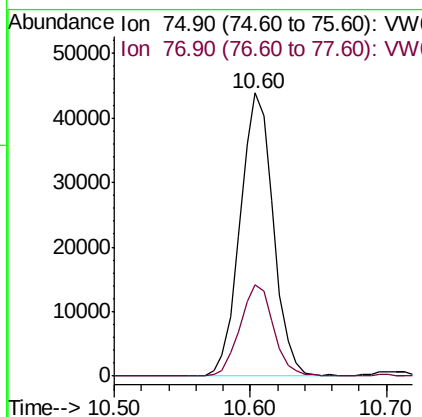
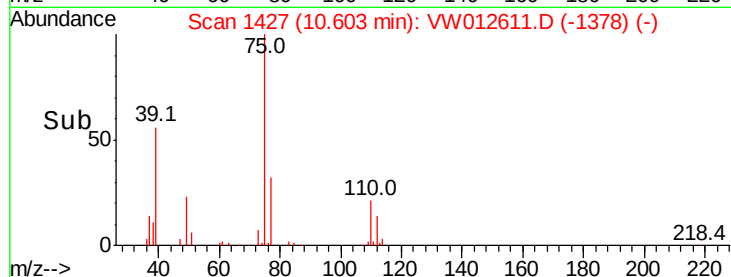
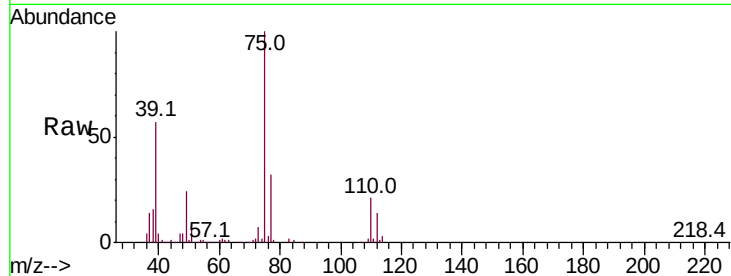
#53
 t-1,3-Dichloropropene
 Concen: 24.524 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW0904SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.4

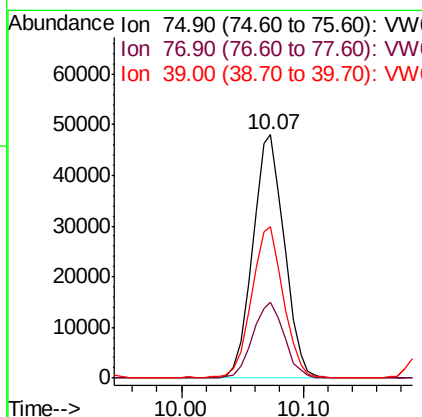
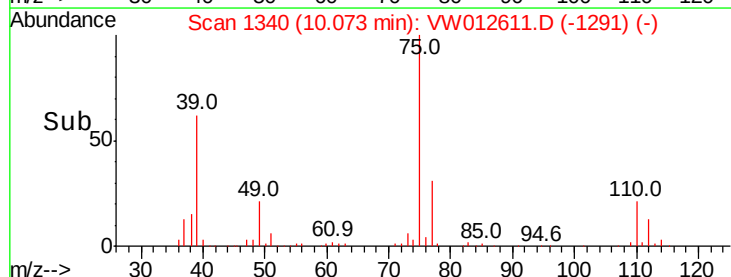
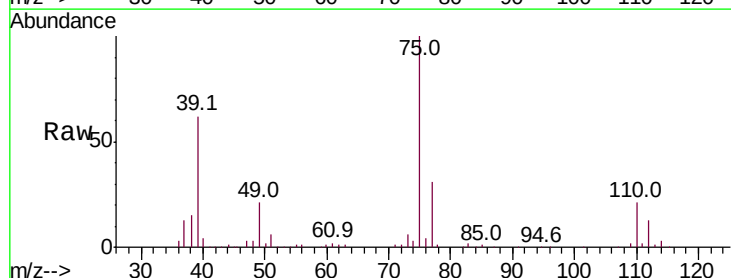
Manual Integrations
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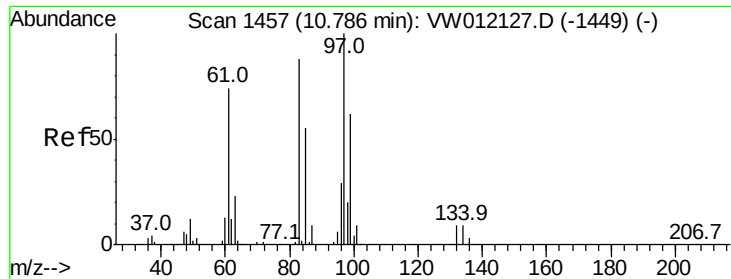
MMDadoda
 9/7/2019 12:46:15 AM



#54
 cis-1,3-Dichloropropene
 Concen: 23.484 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.1	37.7
39	62.1	48.3	72.5





#55

1,1,2-Trichloroethane

Concen: 26.576 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

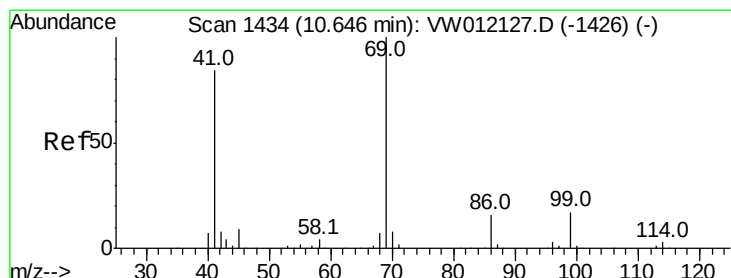
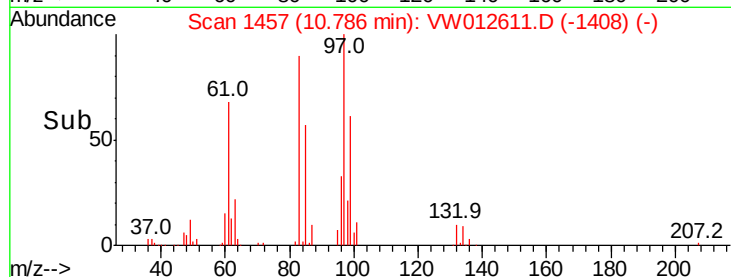
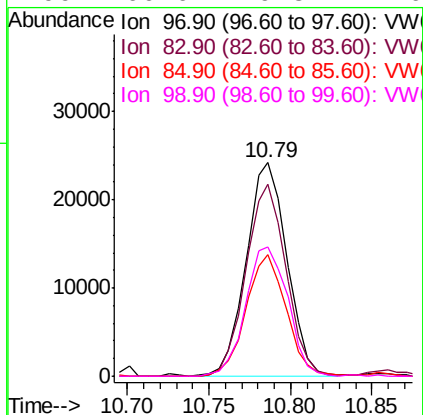
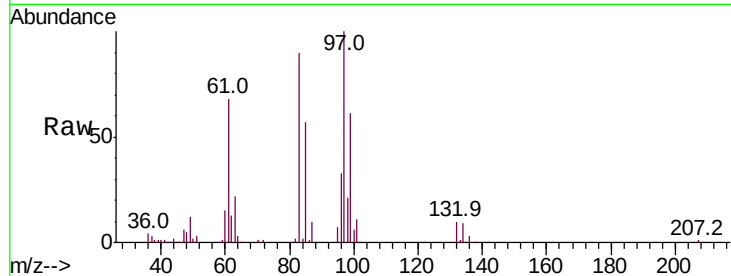
ClientSampleId :

VW0904SBS02

Tot Ion:	97	Resp:	42205
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.8	106.2
85	56.9	43.8	65.8
99	60.6	49.8	74.6

Manual Integrations
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MMDadoda
9/7/2019 12:46:15 AM



#56

Ethyl methacrylate

Concen: 25.827 ug/l

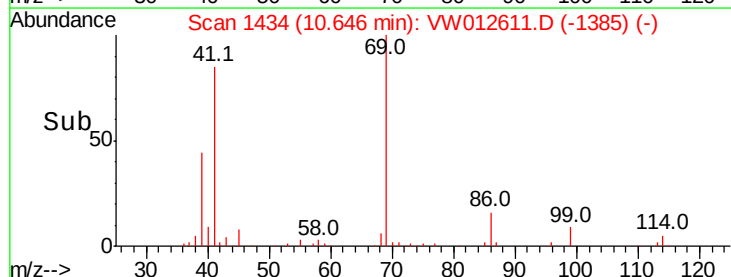
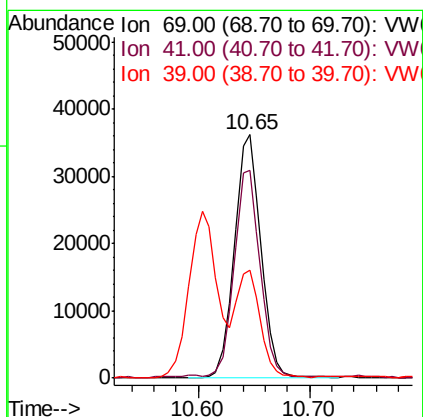
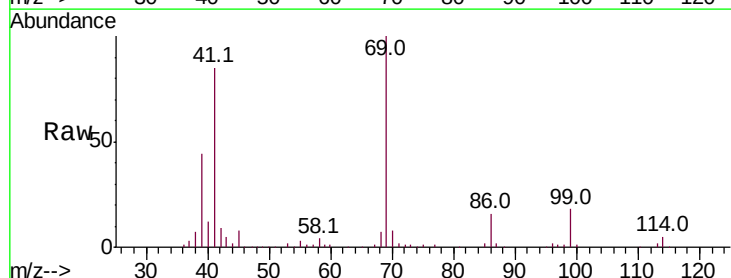
RT: 10.65 min Scan# 1434

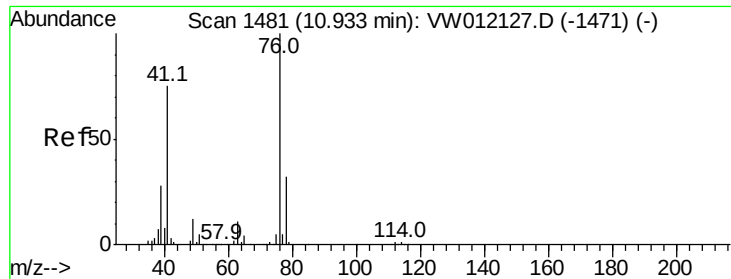
Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	69	Resp:	59695
Ion	Ratio	Lower	Upper
69	100		
41	82.0	66.5	99.7
39	39.0	31.0	46.4





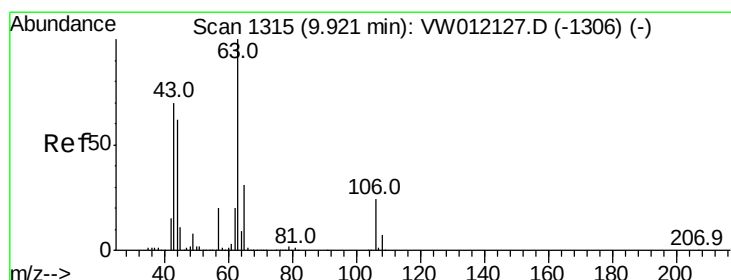
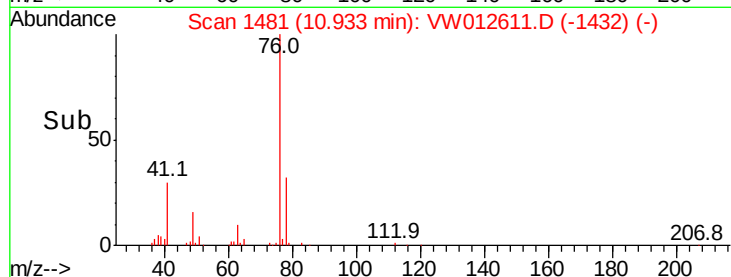
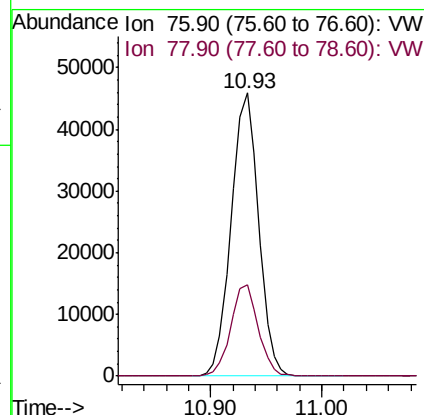
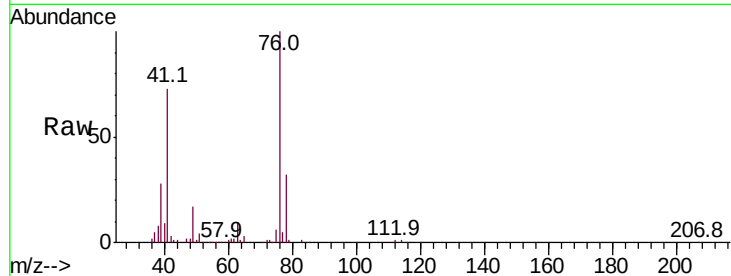
#57
 1,3-Dichloropropane
 Concen: 26.183 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tot Ion: 76 Resp: 78575
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

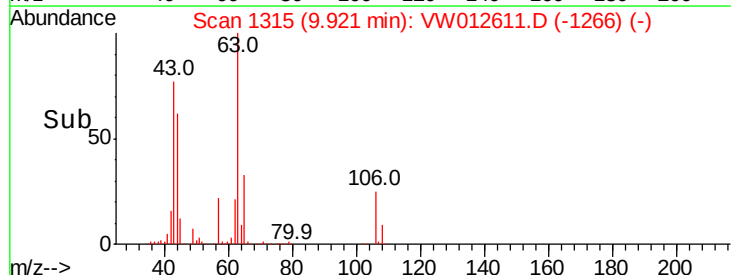
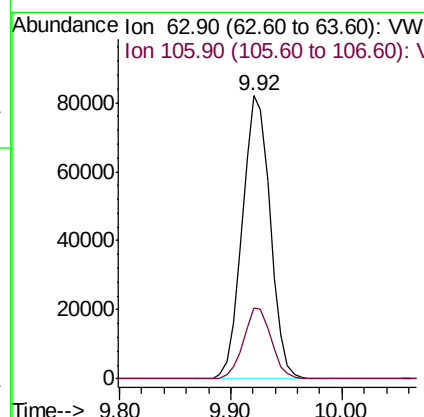
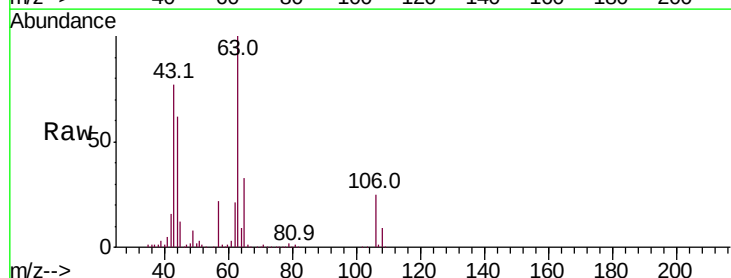
Manual Integrations
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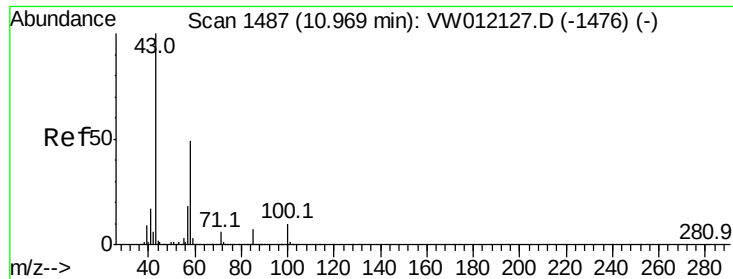
MMDadoda
 9/7/2019 12:46:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.150 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 63 Resp: 142523
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.8





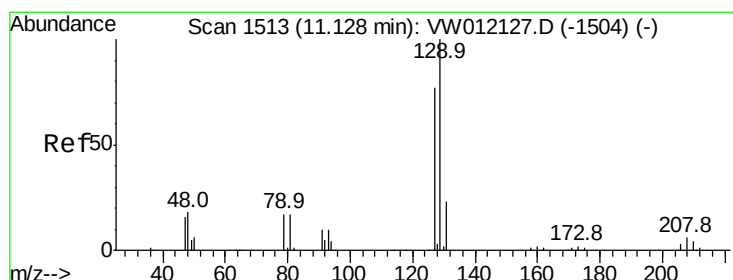
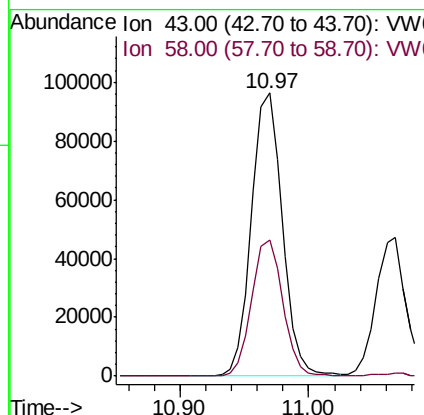
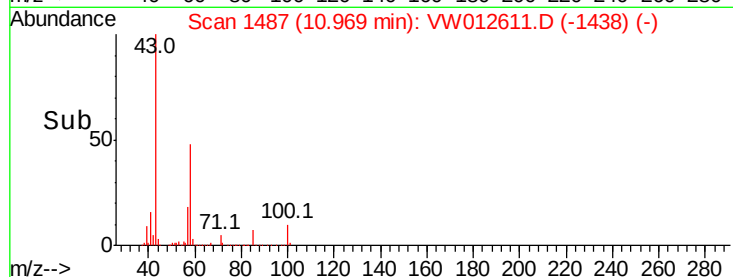
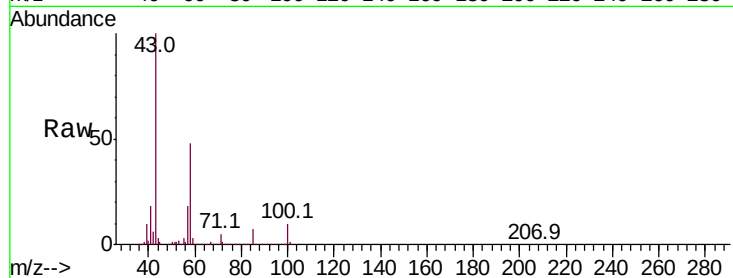
#59
2-Hexanone
Concen: 127.099 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS02

Tot Ion: 43 Resp: 159383
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.9

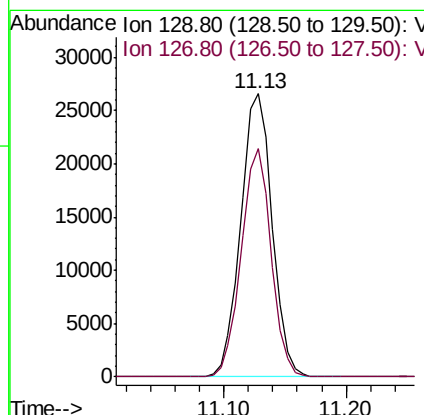
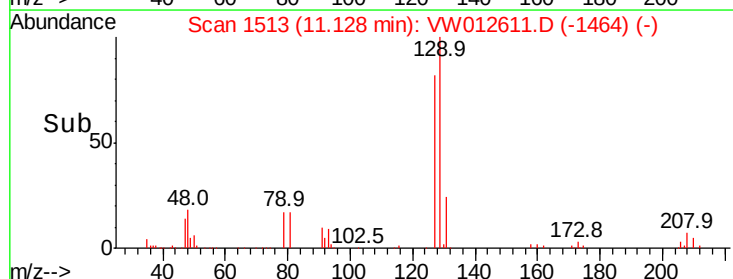
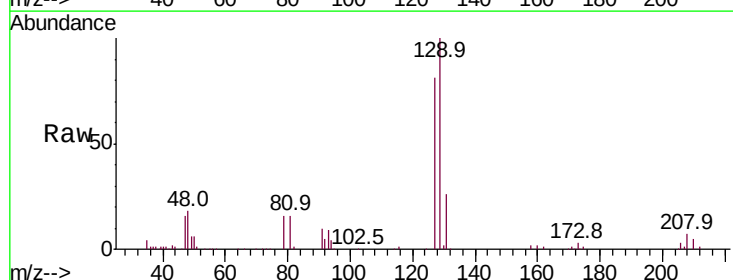
Manual Integrations
APPROVED

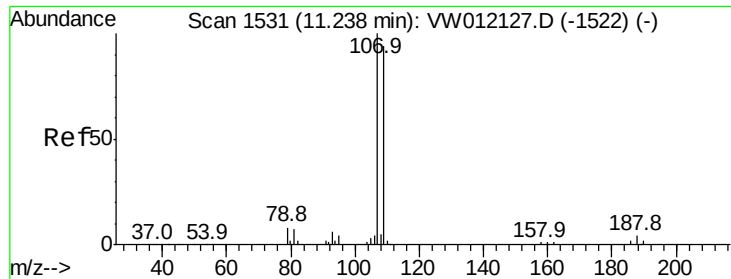
MMDadoda
9/7/2019 12:46:15 AM



#60
Dibromochloromethane
Concen: 26.689 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 129 Resp: 47209
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





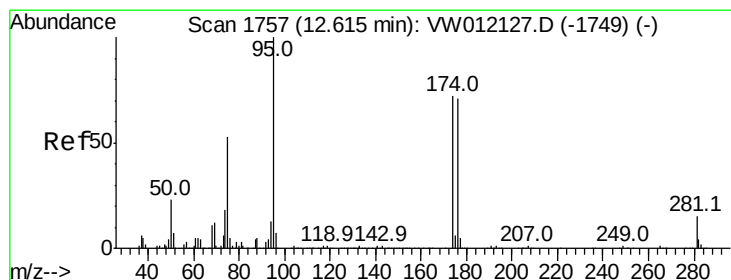
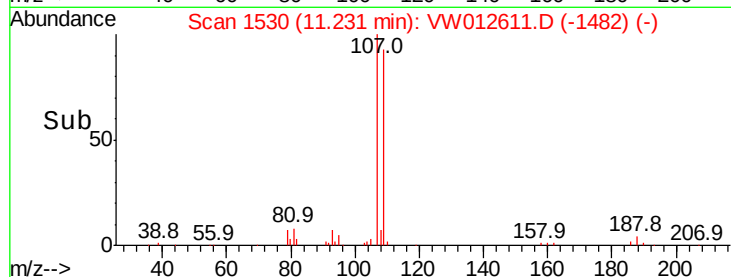
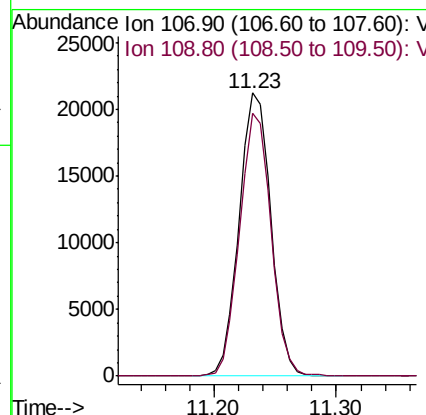
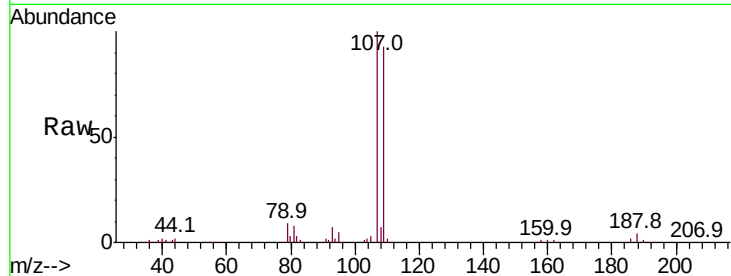
#61
 1,2-Dibromoethane
 Concen: 25.727 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	75.4	113.2

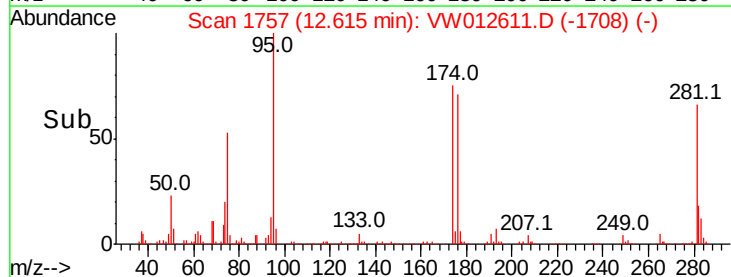
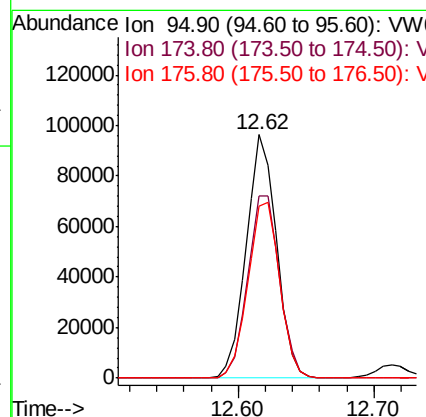
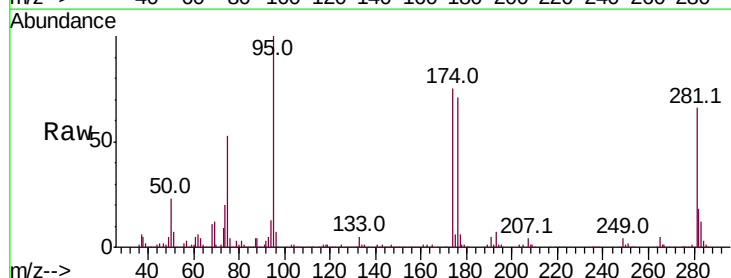
Manual Integrations
 APPROVED

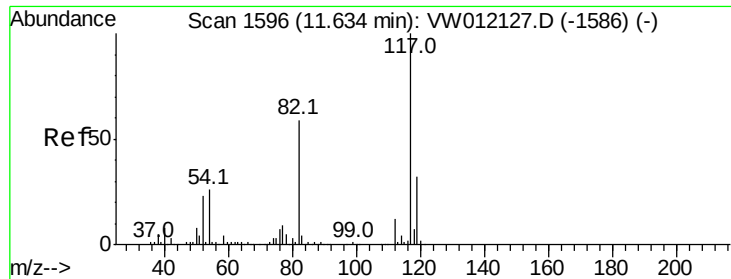
MMDadoda
 9/7/2019 12:46:15 AM



#62
 4-Bromofluorobenzene
 Concen: 53.066 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	150.8
176	76.0	0.0	148.6





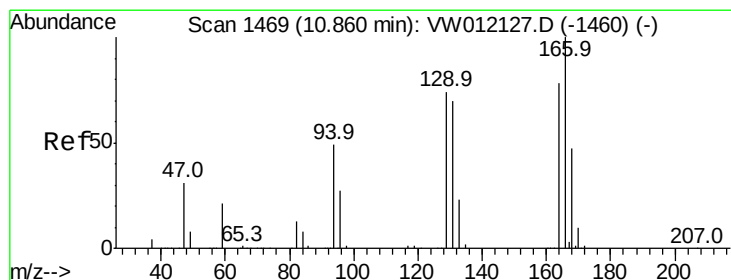
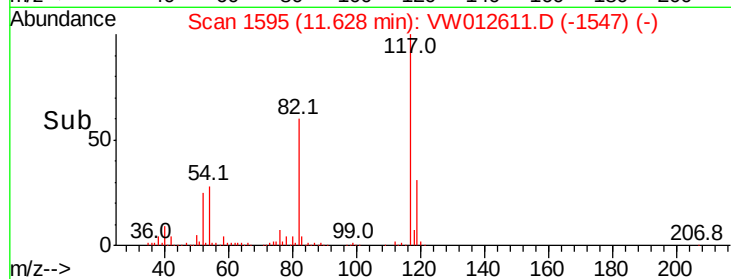
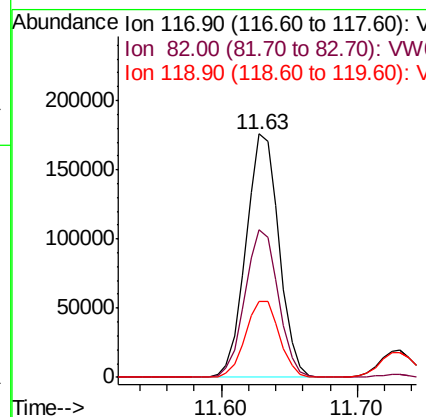
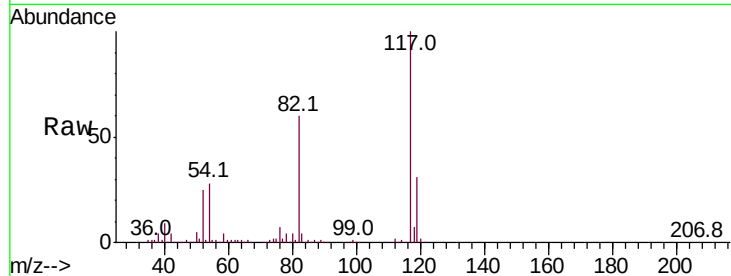
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299416		
82	60.4		47.4	71.2
119	31.2		25.4	38.2

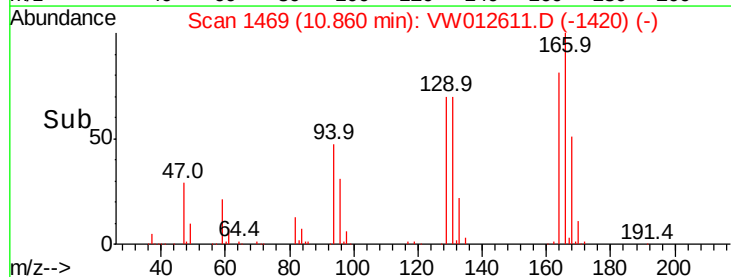
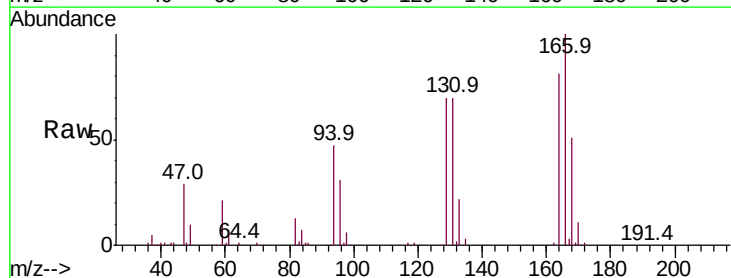
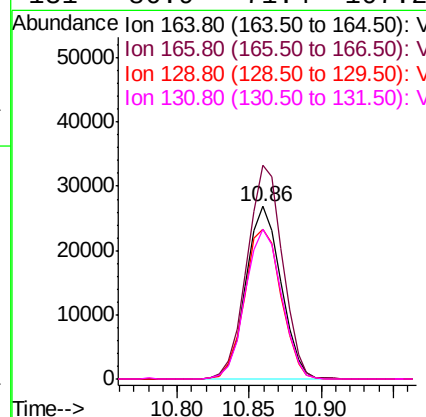
Manual Integrations
APPROVED

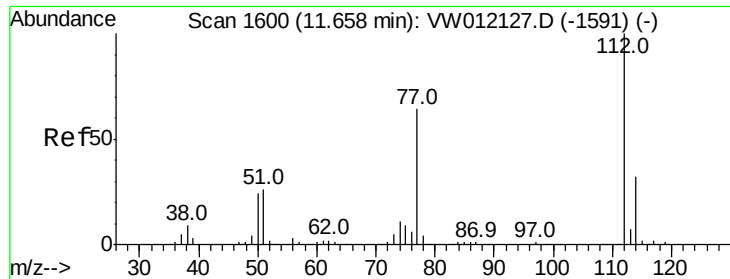
MMDadoda
9/7/2019 12:46:15 AM



#64
Tetrachloroethene
Concen: 23.303 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45236		
166	123.9		102.4	153.6
129	86.7		75.8	113.6
131	86.9		71.4	107.2





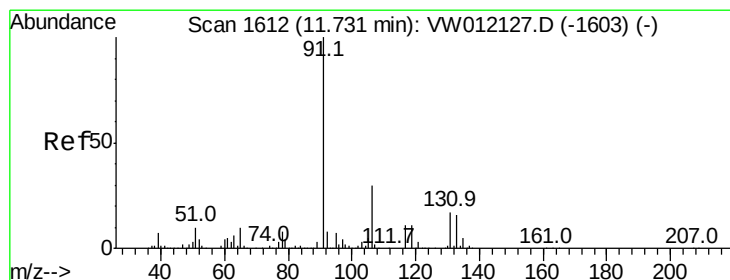
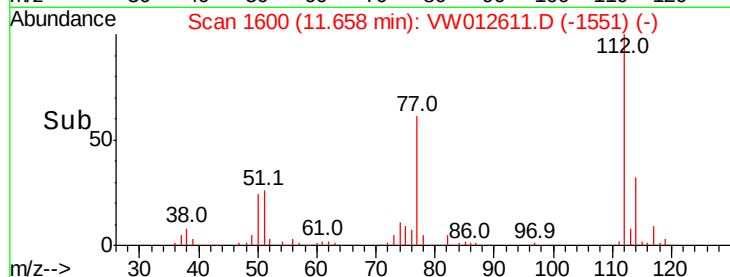
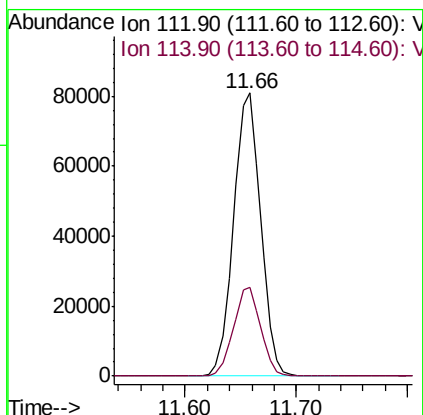
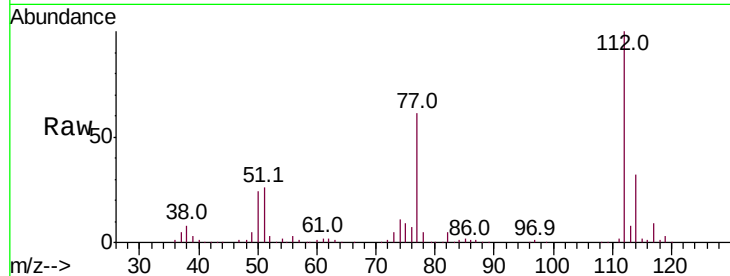
#65
Chlorobenzene
Concen: 23.053 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.8	38.6

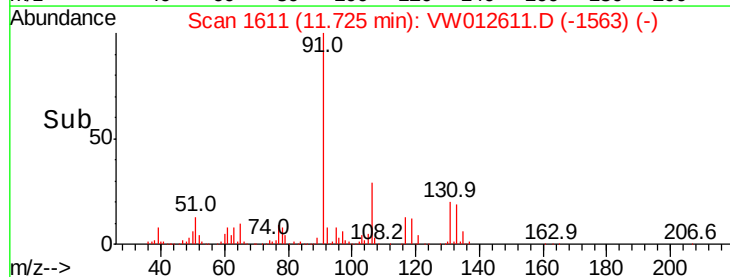
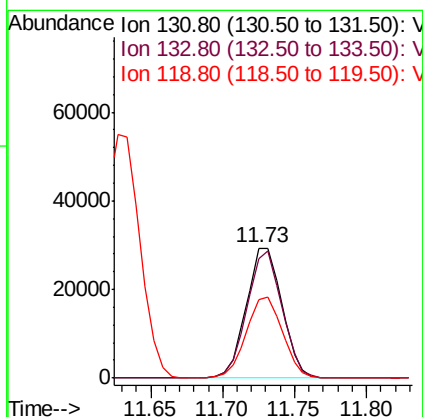
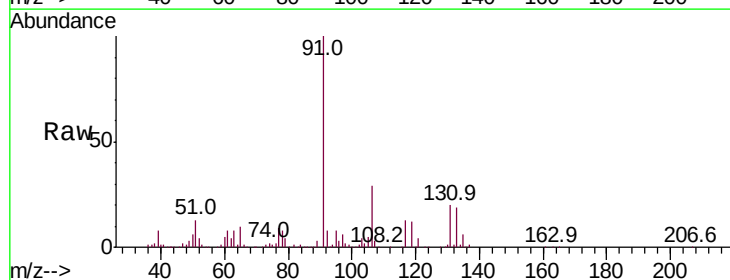
Manual Integrations
APPROVED

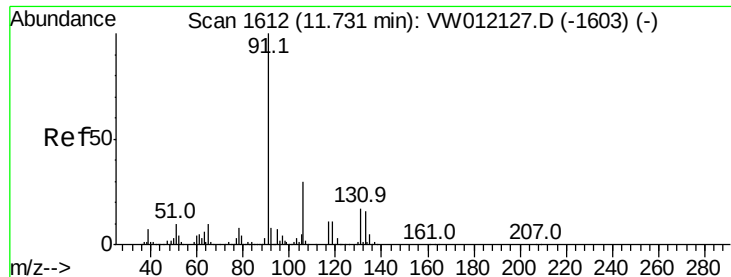
MMDadoda
9/7/2019 12:46:15 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 24.508 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.1	141.3
119	63.5	31.8	95.3





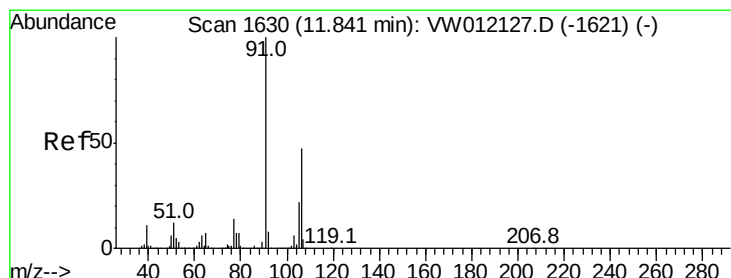
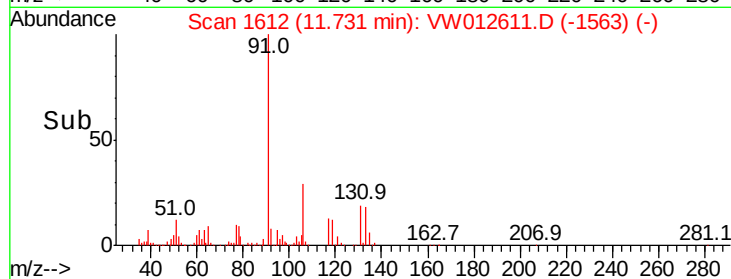
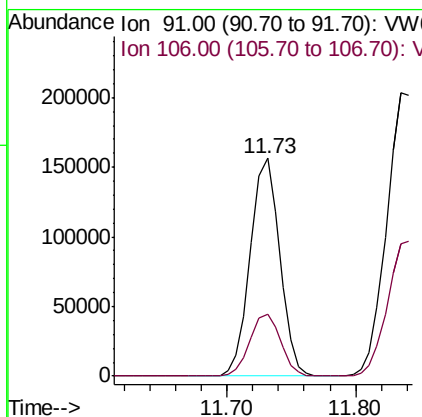
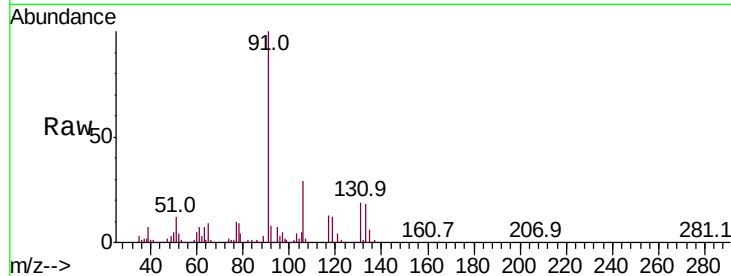
#67
Ethyl Benzene
Concen: 21.757 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.3	36.5

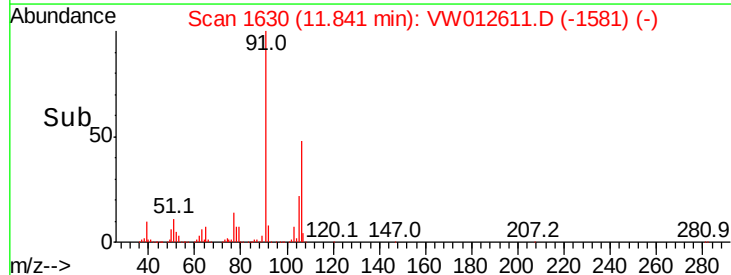
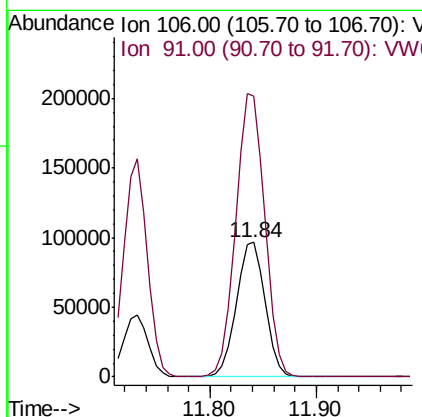
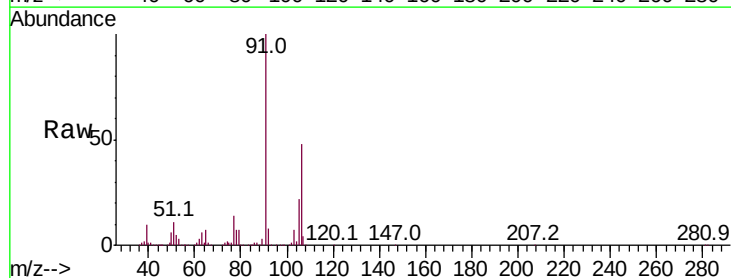
Manual Integrations
APPROVED

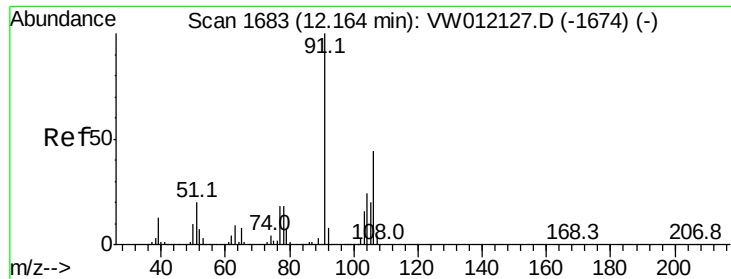
MMDadoda
9/7/2019 12:46:15 AM



#68
m/p-Xylenes
Concen: 44.725 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.8	169.5	254.3





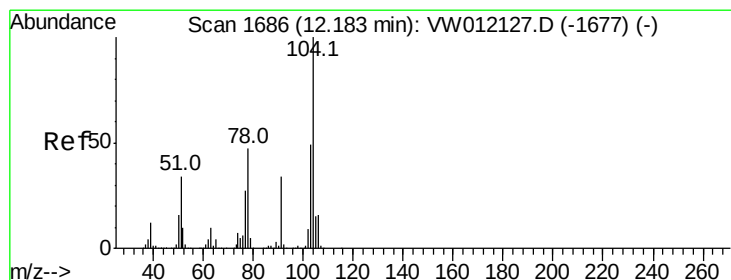
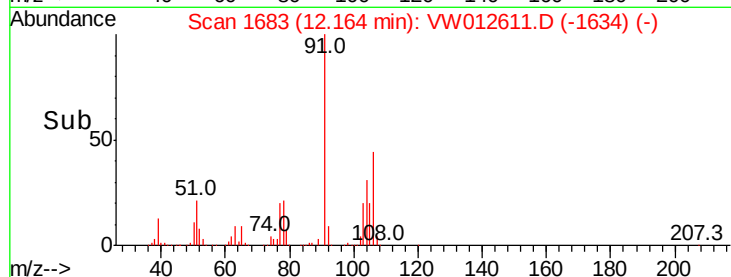
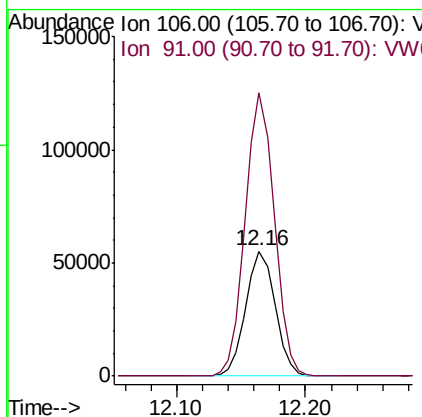
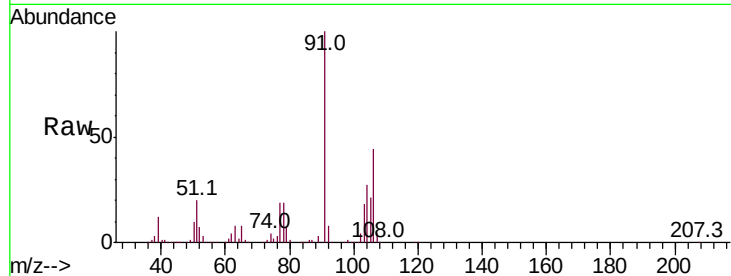
#69
o-Xylene
Concen: 23.073 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	224.2	111.6	334.6

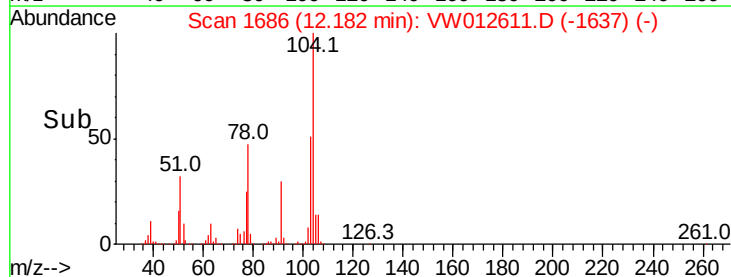
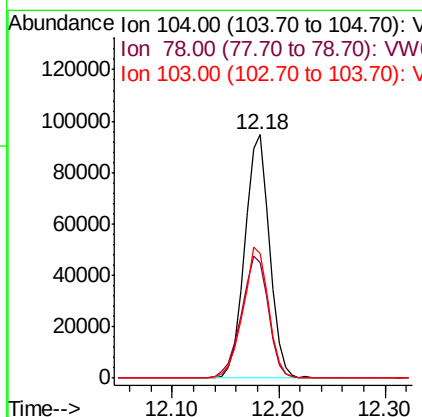
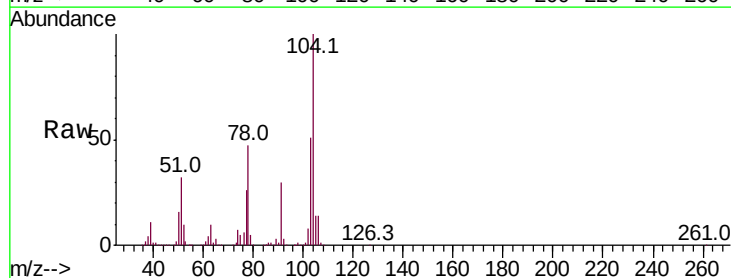
Manual Integrations
APPROVED

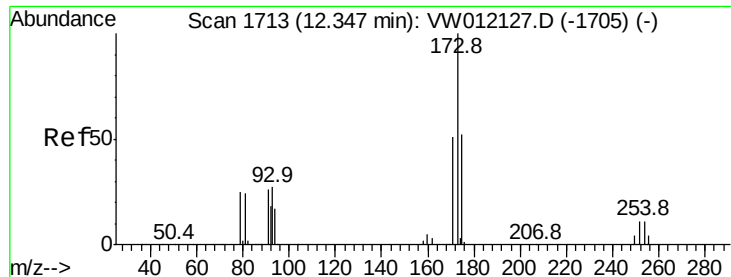
MMDadoda
9/7/2019 12:46:15 AM



#70
Styrene
Concen: 23.626 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.8	43.1	64.7
103	55.7	43.5	65.3





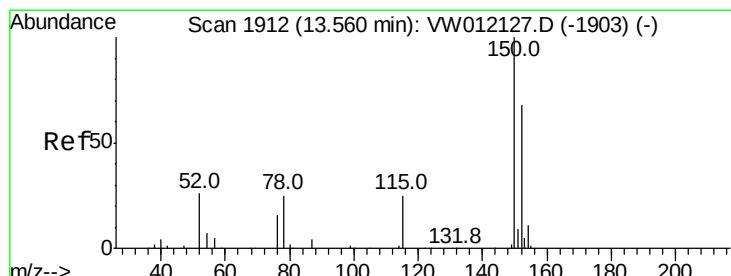
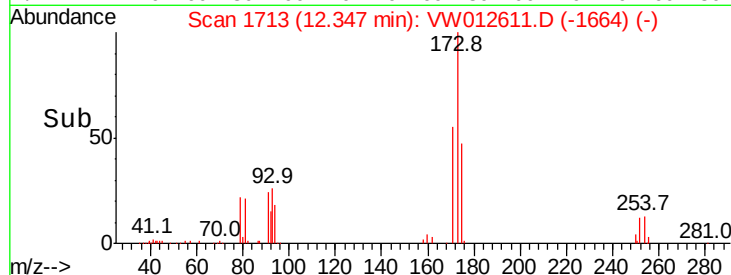
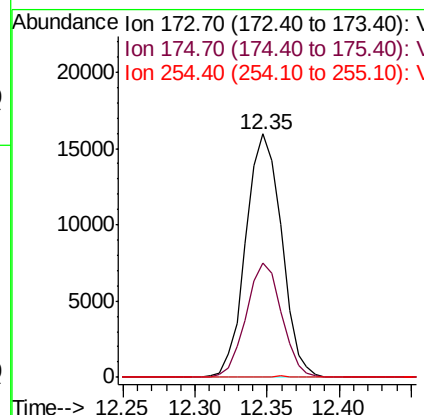
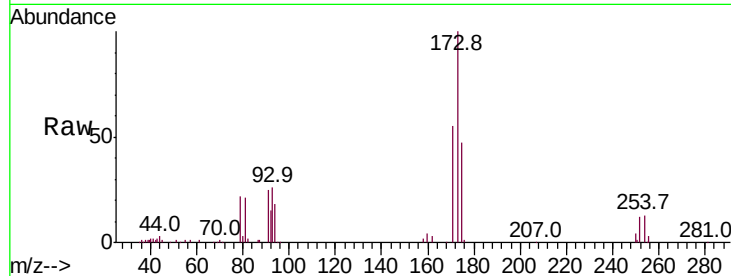
#71
Bromoform
Concen: 26.794 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.6	74.0
254	0.2	0.2	0.2

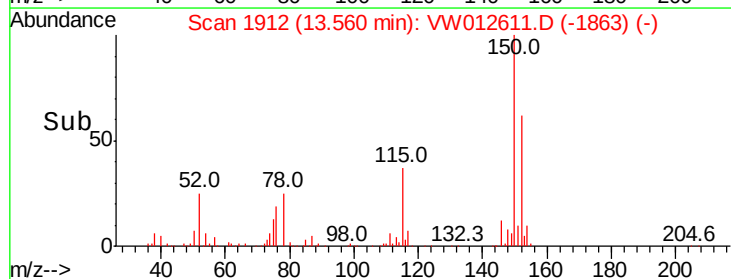
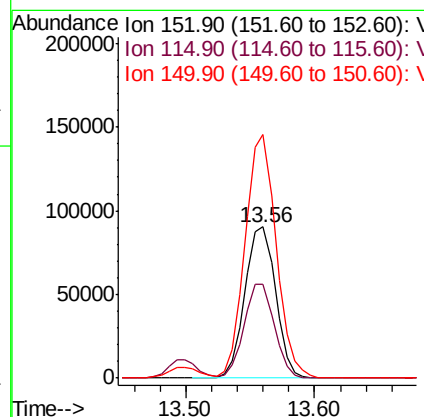
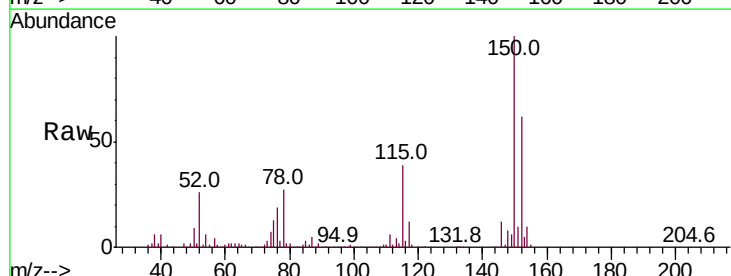
Manual Integrations
APPROVED

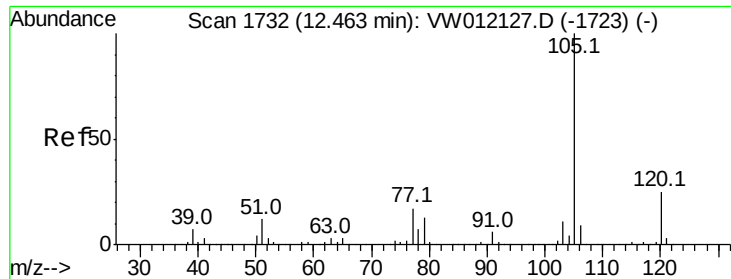
MMDadoda
9/7/2019 12:46:15 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.1	90.3
150	163.2	0.0	345.8





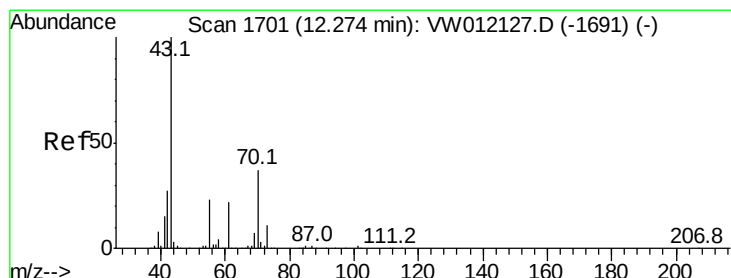
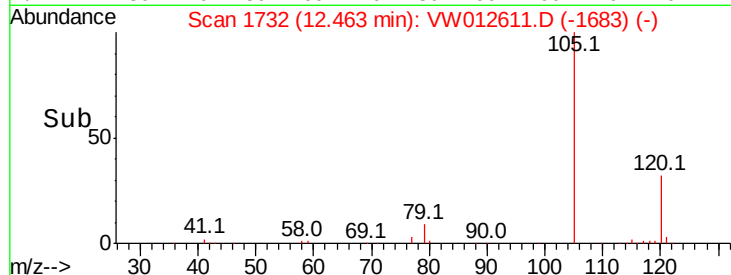
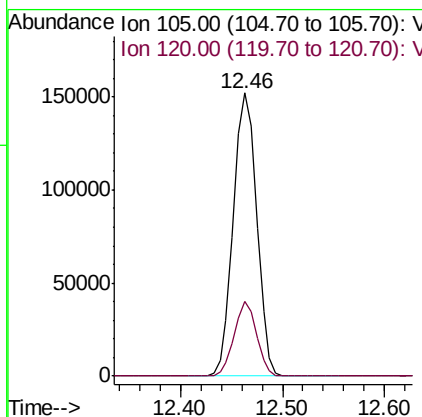
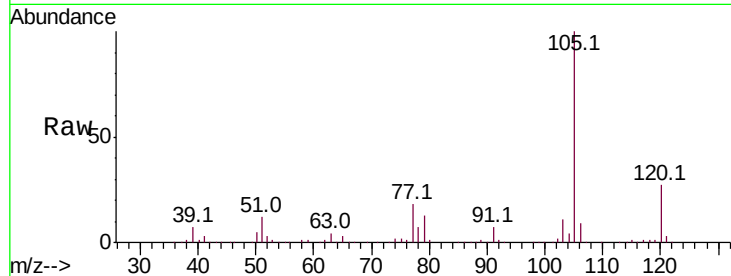
#73
Isopropylbenzene
Concen: 21.656 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion:105 Resp: 241357
Ion Ratio Lower Upper
105 100
120 25.2 12.5 37.5

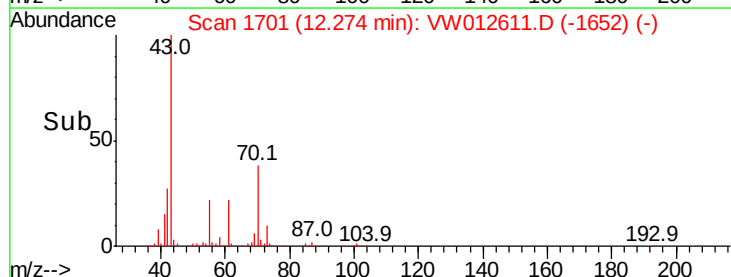
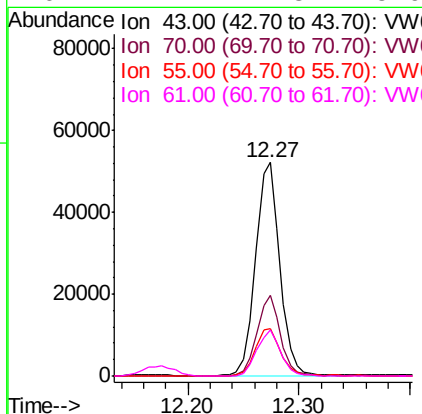
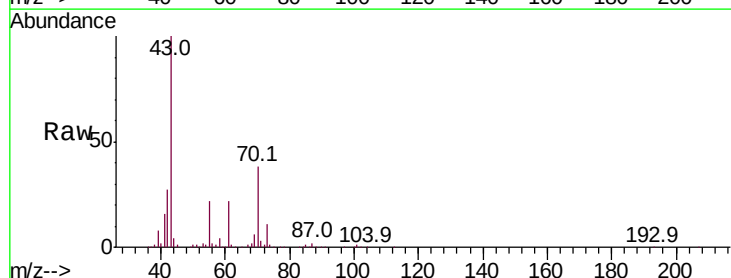
Manual Integrations
APPROVED

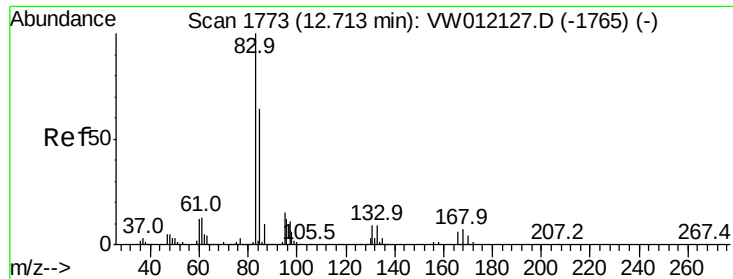
MMDadoda
9/7/2019 12:46:15 AM



#74
N-ethyl acetate
Concen: 23.719 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 43 Resp: 79865
Ion Ratio Lower Upper
43 100
70 36.5 28.6 43.0
55 23.2 17.8 26.6
61 21.1 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 24.338 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

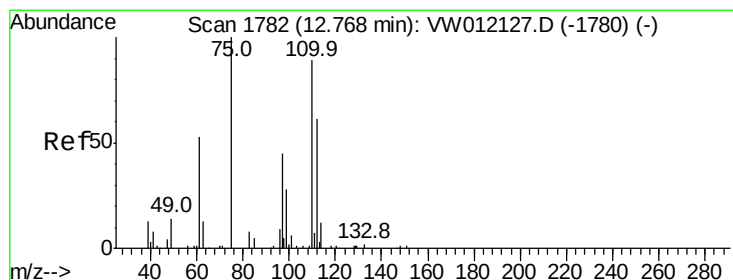
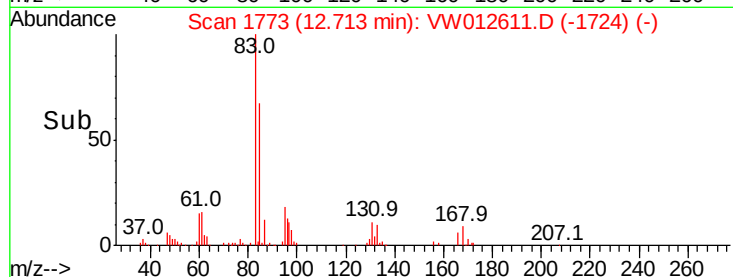
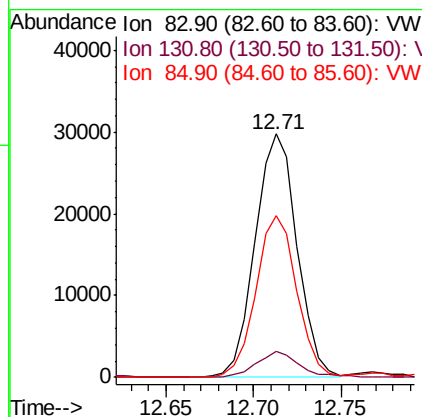
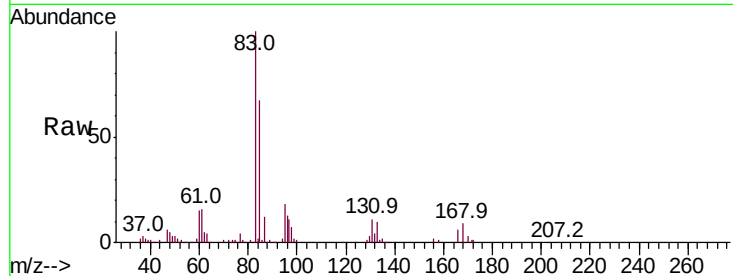
ClientSampleId :

VW0904SBS02

Tot Ion:	83	Resp:	49726
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.9	14.7
85	65.0	31.9	95.7

Manual Integrations
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9/7/2019 12:46:15 AM



#76

1,2,3-Trichloropropane

Concen: 24.269 ug/l m

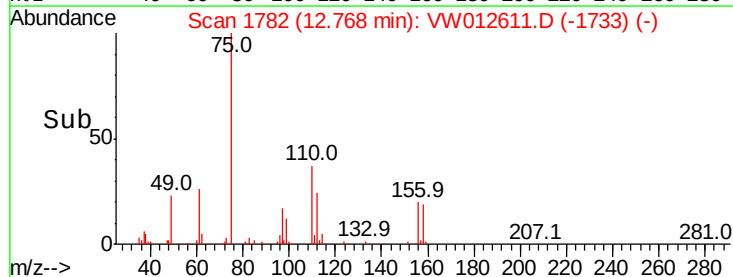
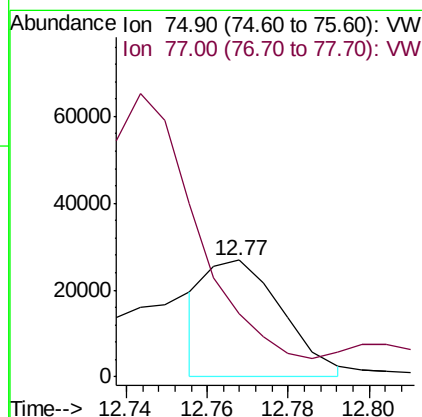
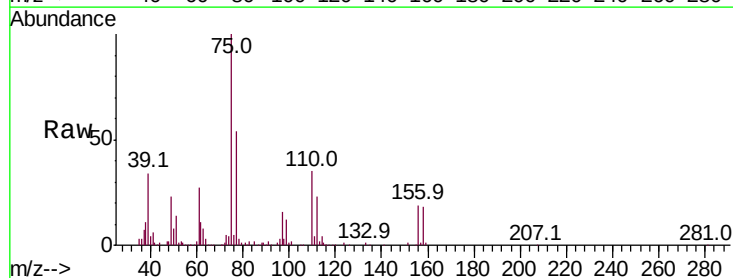
RT: 12.77 min Scan# 1782

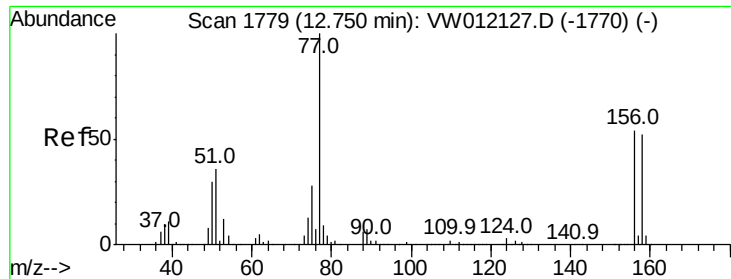
Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	75	Resp:	35155
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





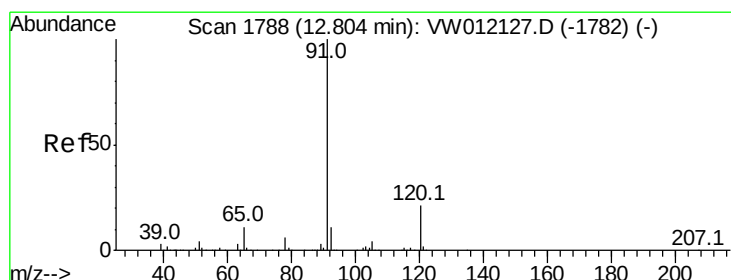
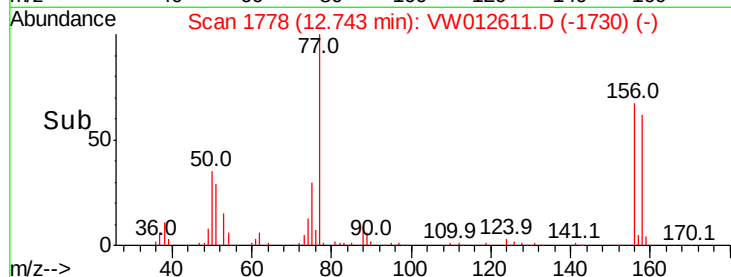
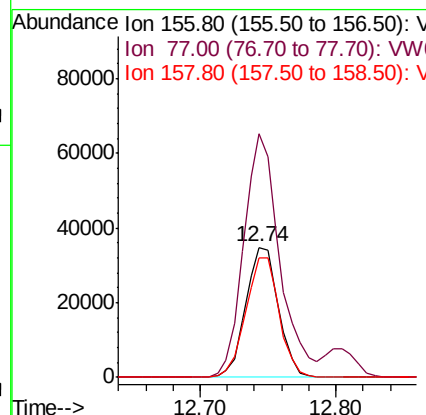
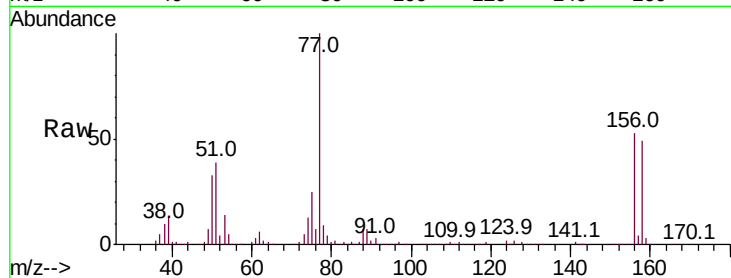
#77
Bromobenzene
Concen: 24.141 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	206.2	107.3	321.8
158	94.3	49.0	147.0

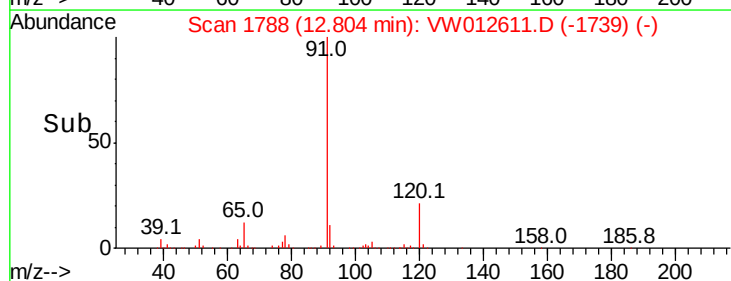
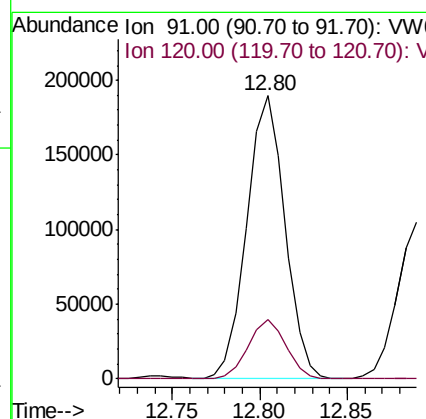
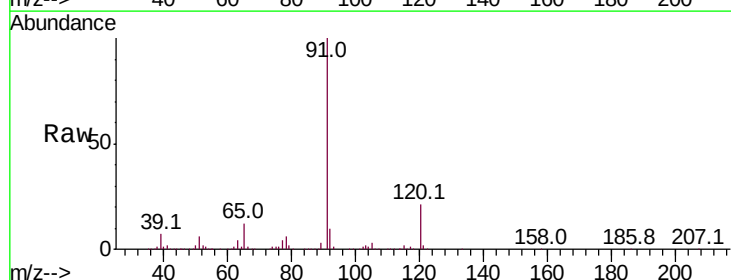
Manual Integrations
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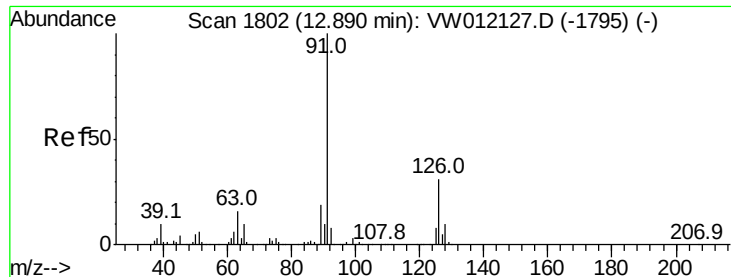
MMDadoda
9/7/2019 12:46:15 AM



#78
n-propylbenzene
Concen: 21.086 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.1	10.5	31.6





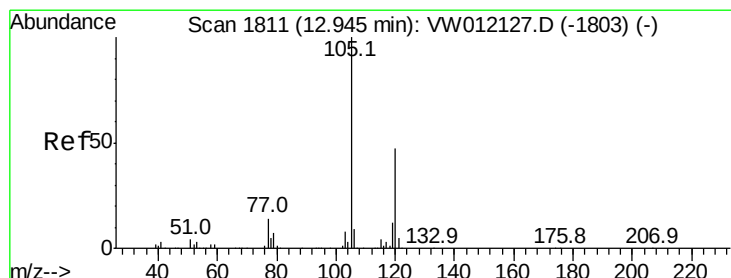
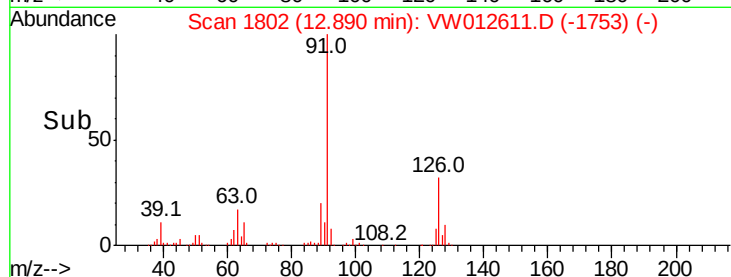
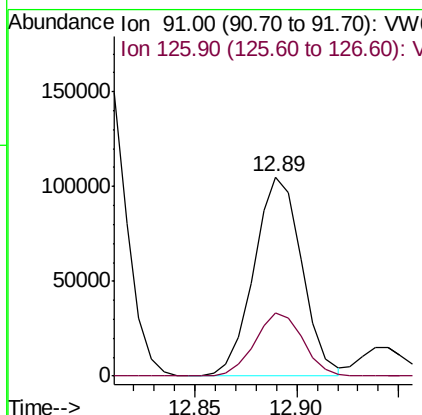
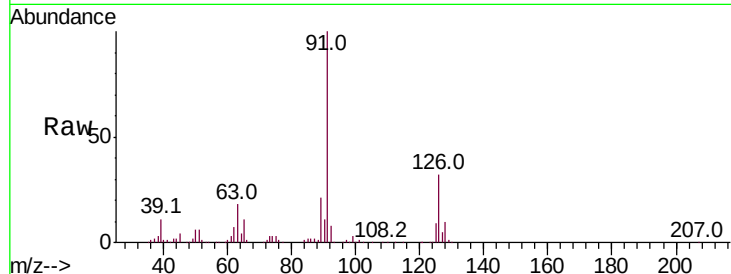
#79
 2-Chlorotoluene
 Concen: 22.151 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tot Ion: 91 Resp: 171108
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.7 47.0

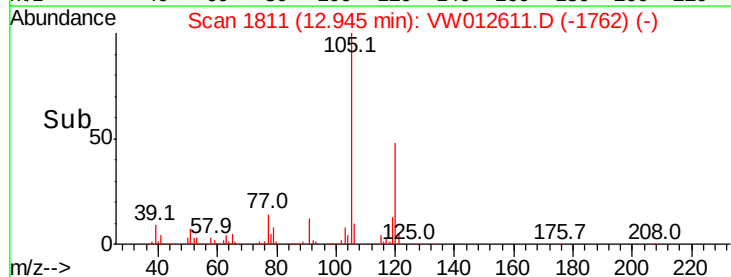
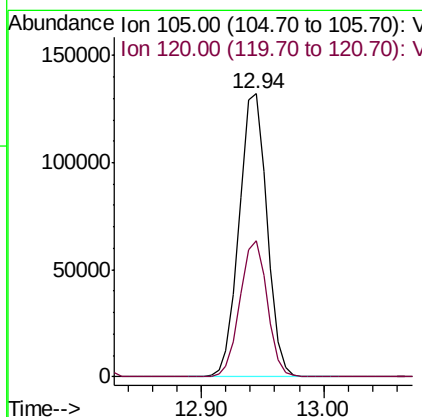
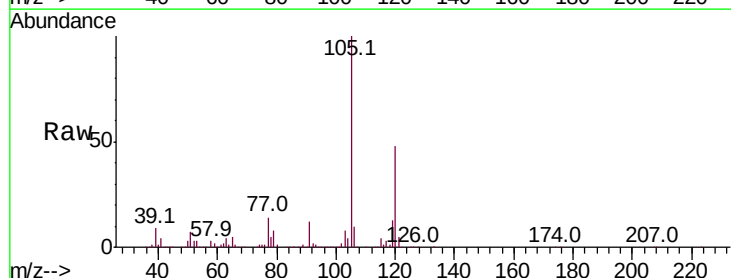
Manual Integrations
 APPROVED

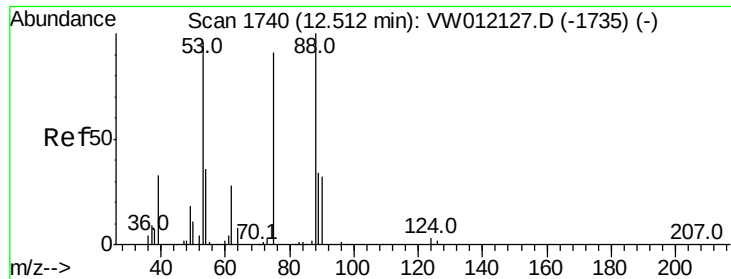
MMDadoda
 9/7/2019 12:46:15 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 22.301 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion:105 Resp: 207682
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 22.174 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

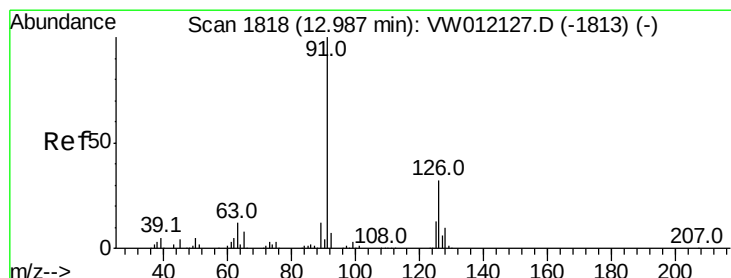
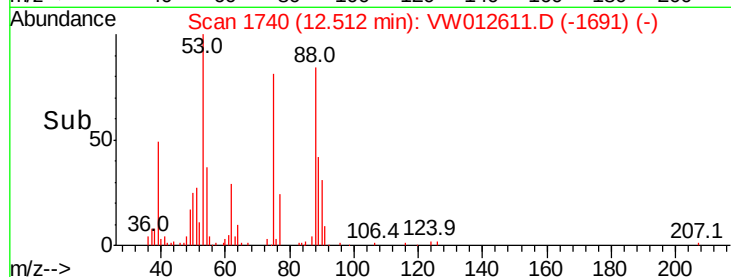
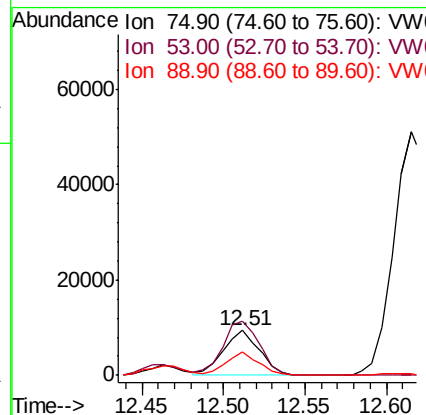
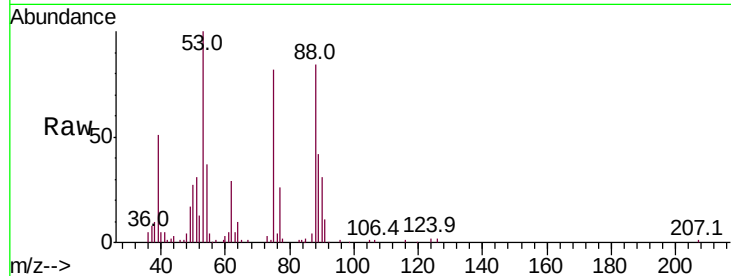
ClientSampleId :

VW0904SBS02

Tot Ion:	75	Resp:	14650
Ion	Ratio	Lower	Upper
75	100		
53	123.1	89.4	134.0
89	45.4	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.304 ug/l

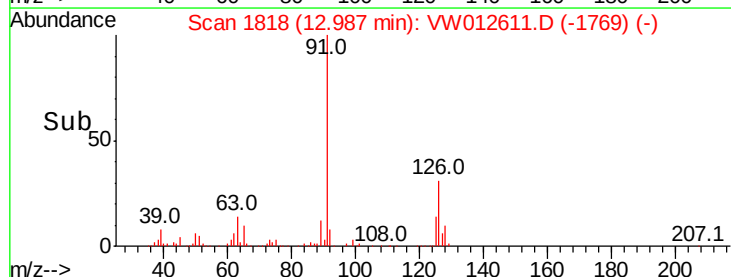
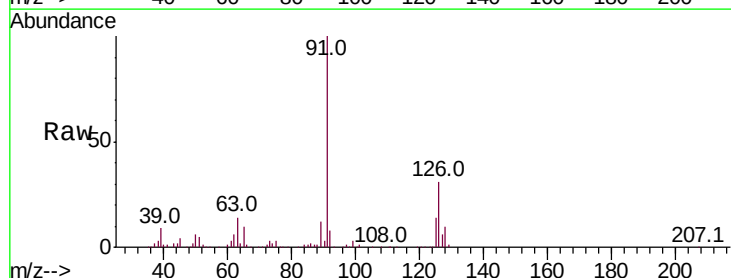
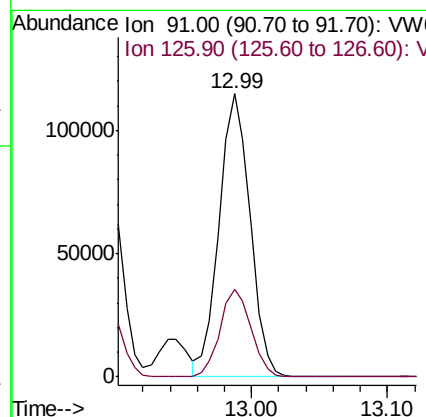
RT: 12.99 min Scan# 1818

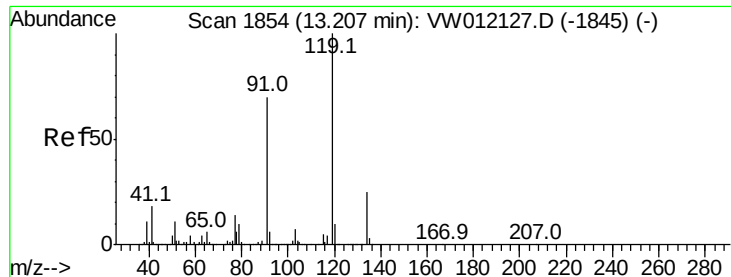
Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	91	Resp:	180398
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.8





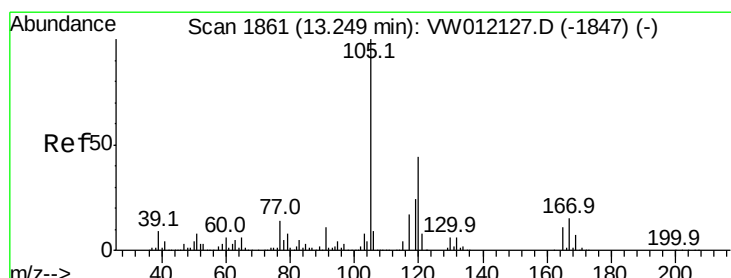
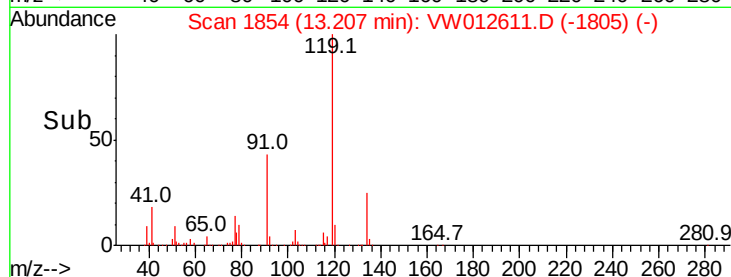
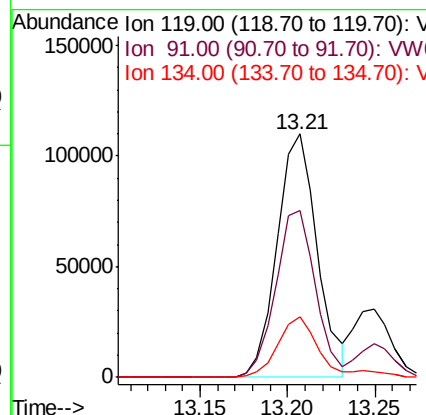
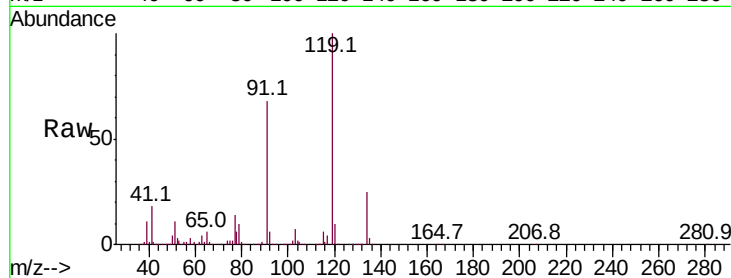
#83
 tert-Butylbenzene
 Concen: 22.366 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW0904SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	34.8	104.3
134	24.5	13.3	39.8

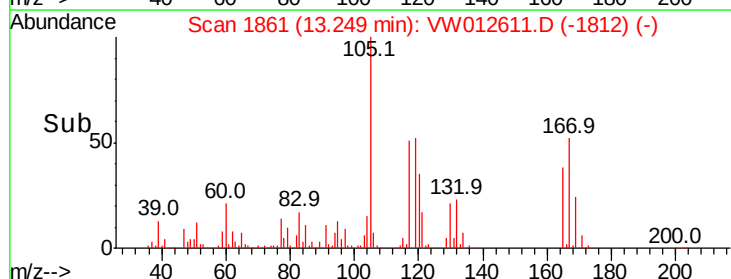
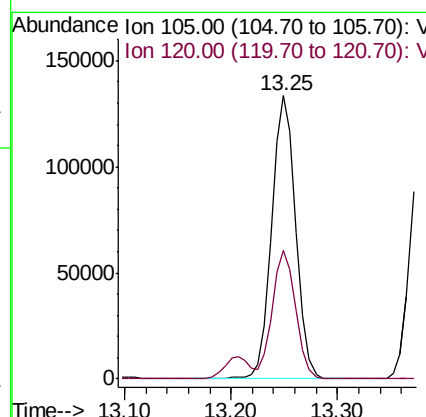
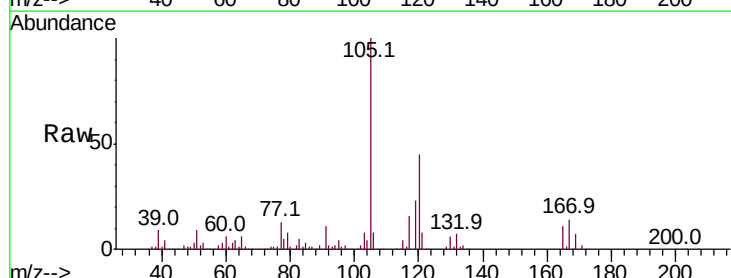
Manual Integrations
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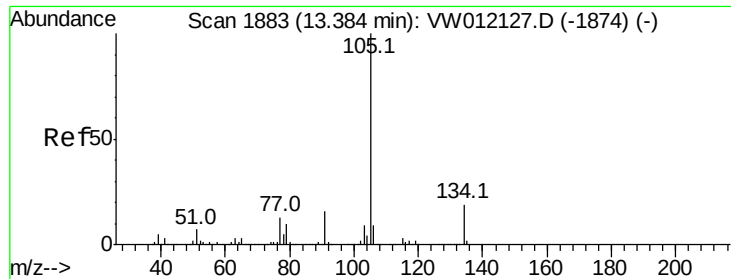
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.473 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7





#85

sec-Butylbenzene

Concen: 20.960 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tot Ion:105 Resp: 236888

Ion Ratio Lower Upper

105 100

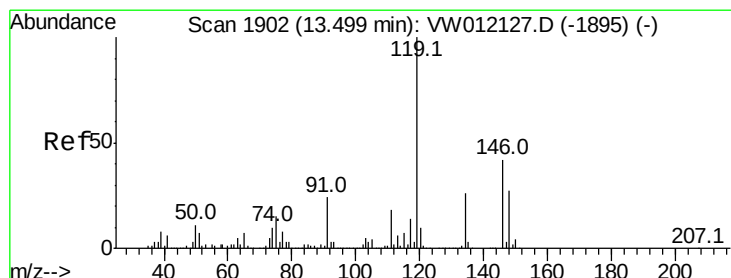
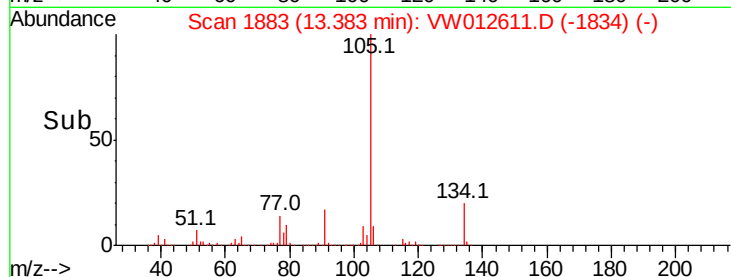
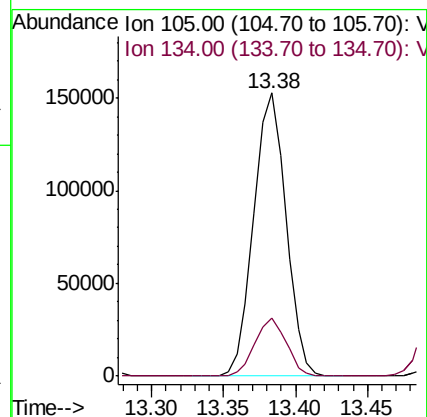
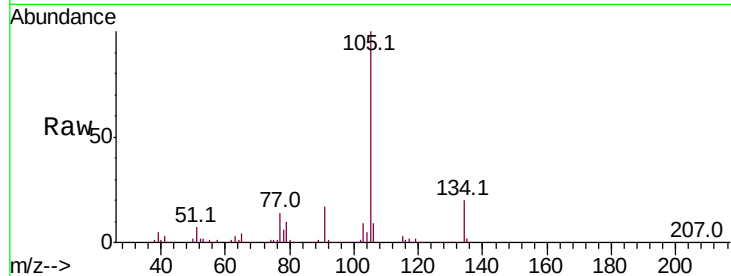
134 19.8 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.701 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

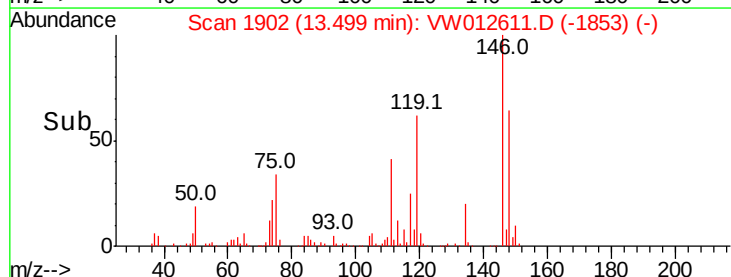
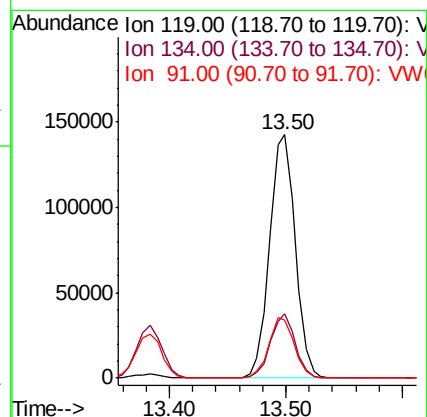
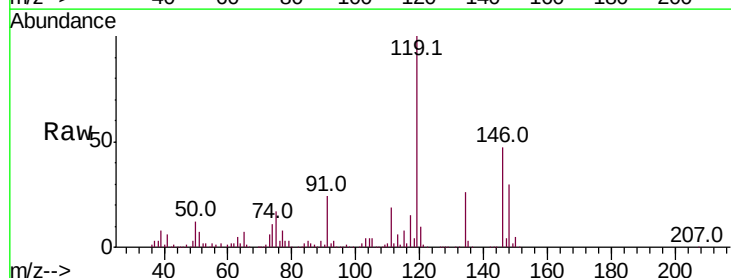
Tgt Ion:119 Resp: 219028

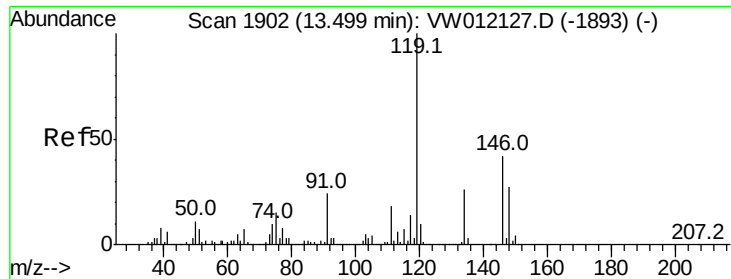
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 24.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 22.943 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

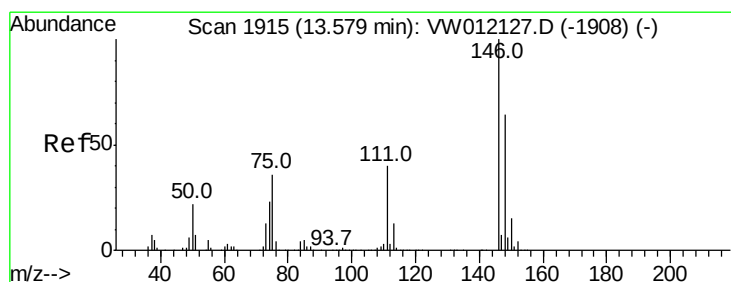
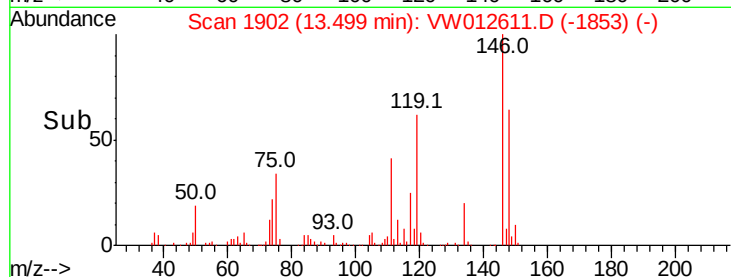
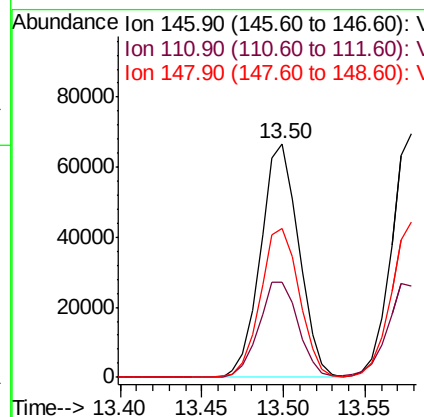
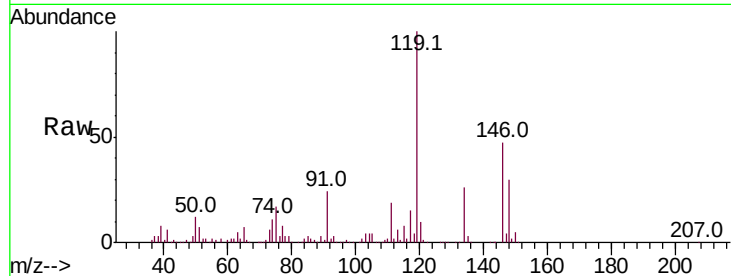
Instrument :
MSVOA_W

ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	108199		
111	41.8	20.9	62.7	
148	64.7	32.2	96.6	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 23.204 ug/l

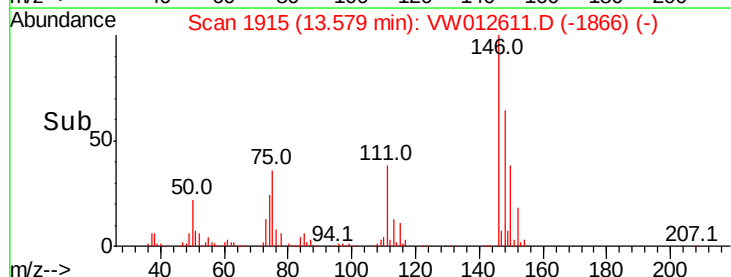
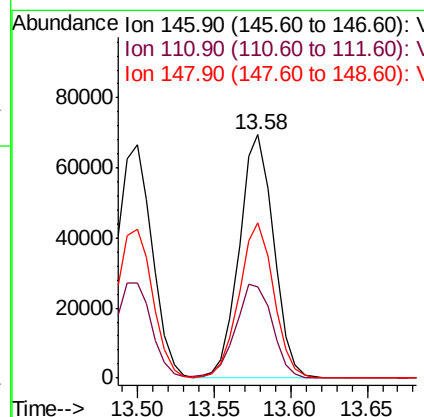
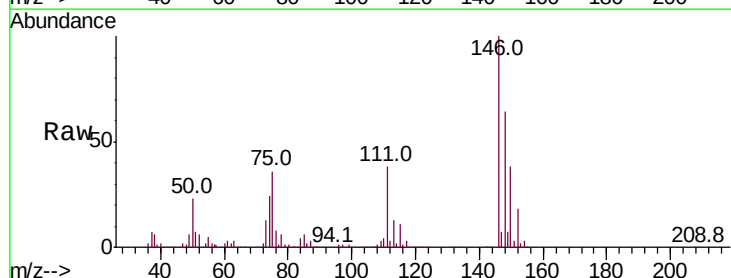
RT: 13.58 min Scan# 1915

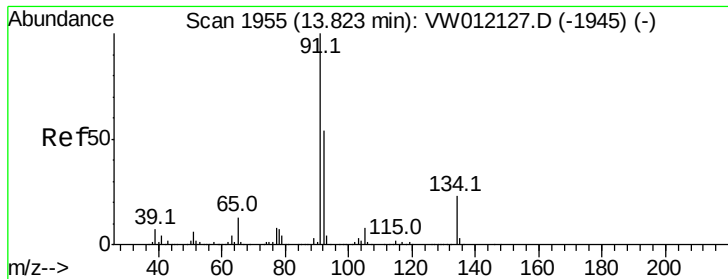
Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	108655		
111	41.7	20.0	60.0	
148	64.5	32.1	96.3	





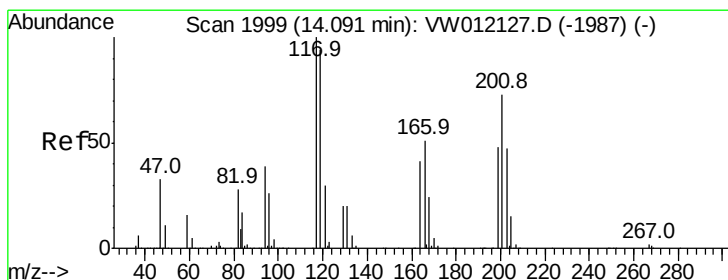
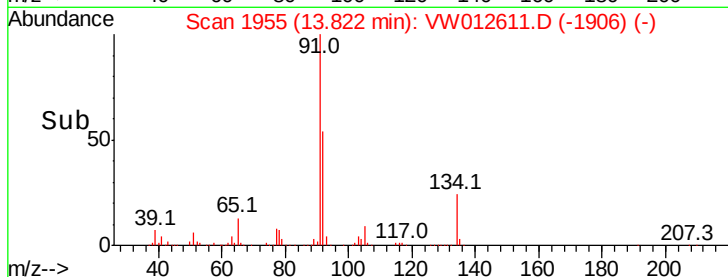
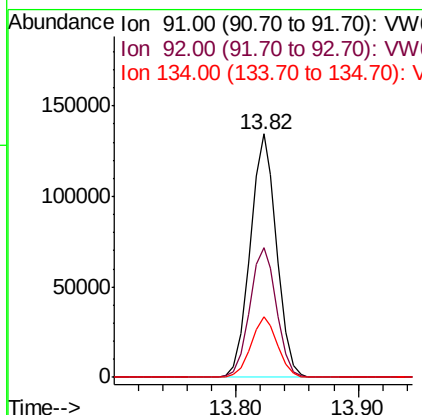
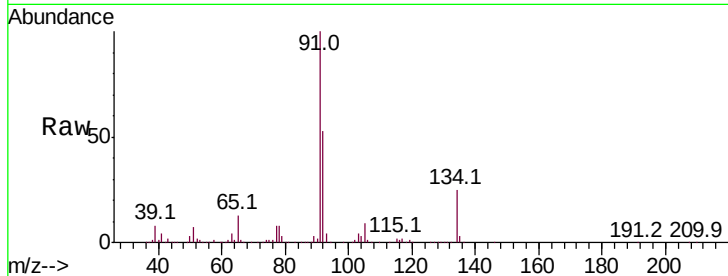
#89
n-Butylbenzene
Concen: 20.051 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	201257		
92	54.1		27.1	81.2
134	25.0		12.2	36.4

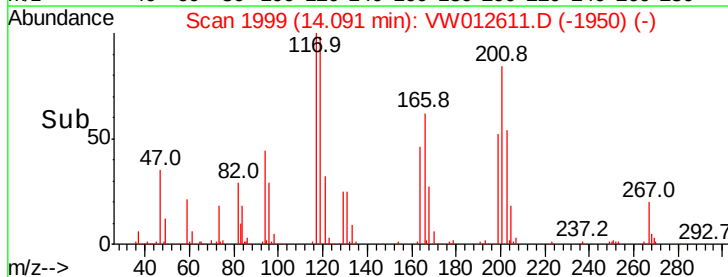
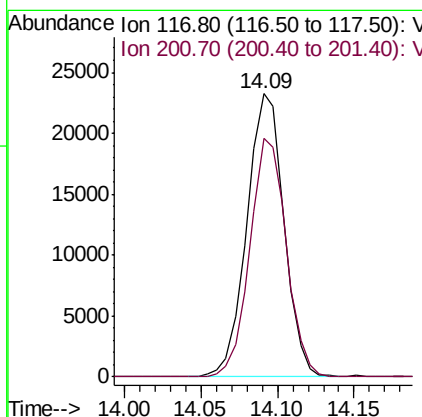
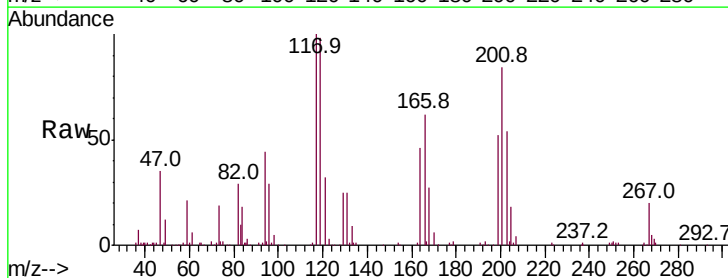
Manual Integrations
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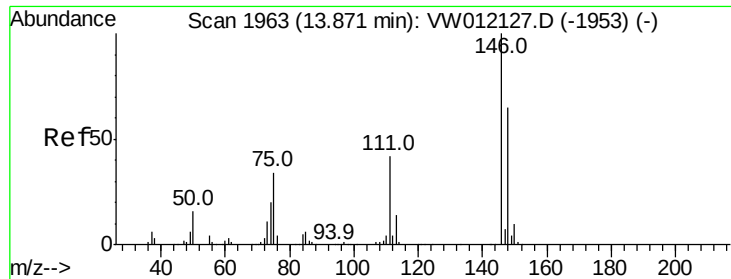
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#90
Hexachloroethane
Concen: 22.169 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39257		
201	82.7		38.6	115.7





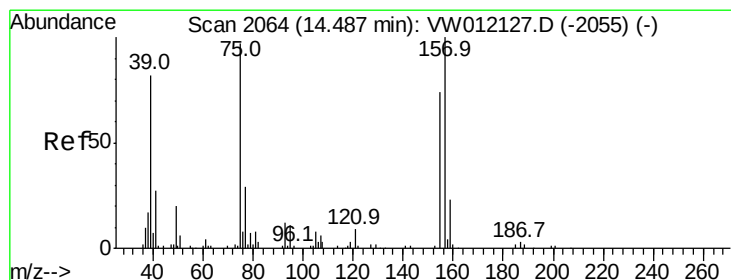
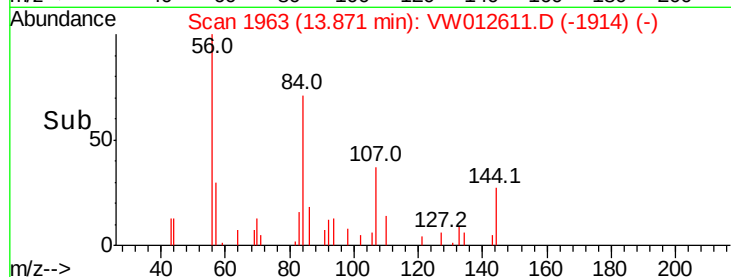
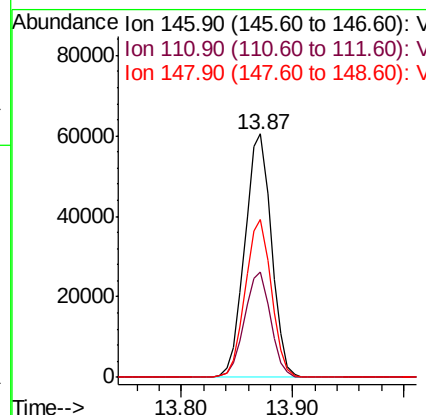
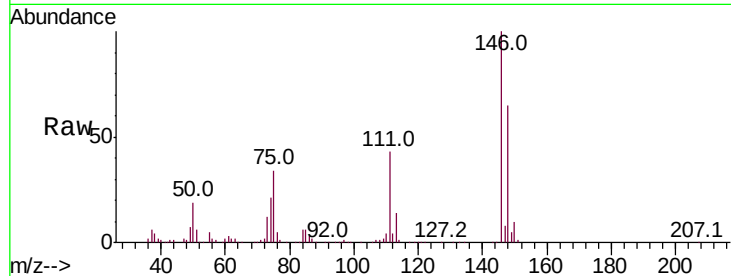
#91
 1,2-Dichlorobenzene
 Concen: 24.221 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW0904SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	63.6	32.5	97.4

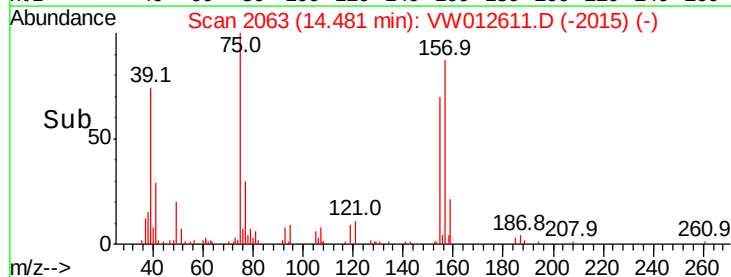
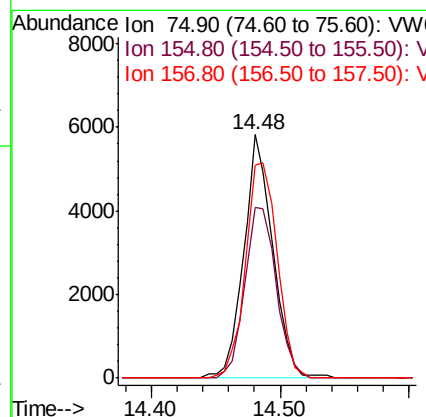
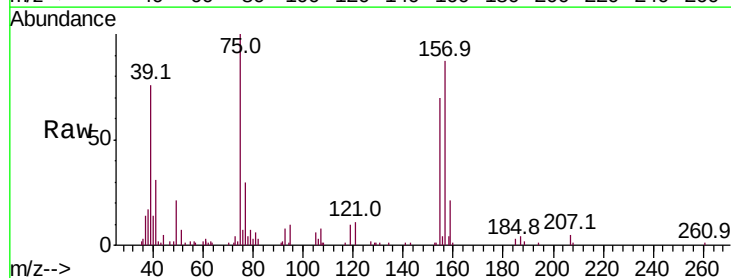
Manual Integrations
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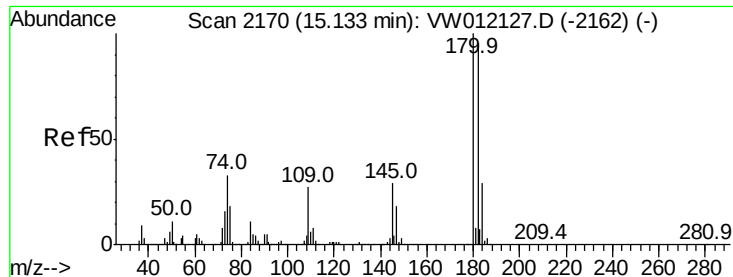
MMDadoda
 9/7/2019 12:46:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 26.207 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.9	37.5	112.3
157	96.9	50.5	151.5





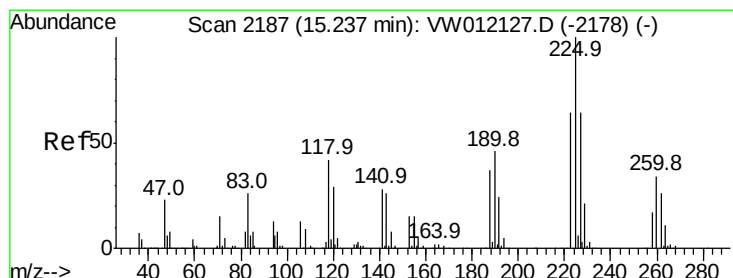
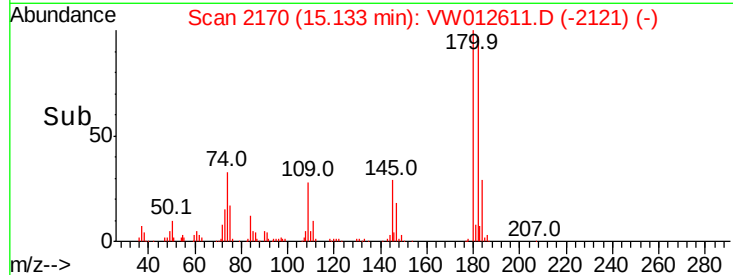
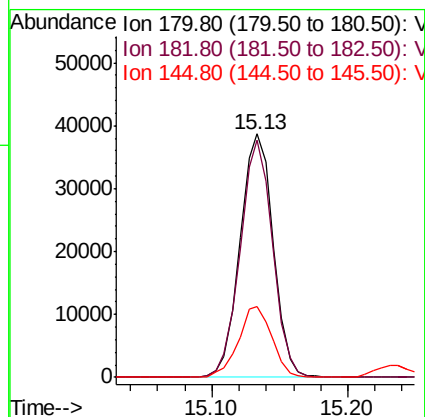
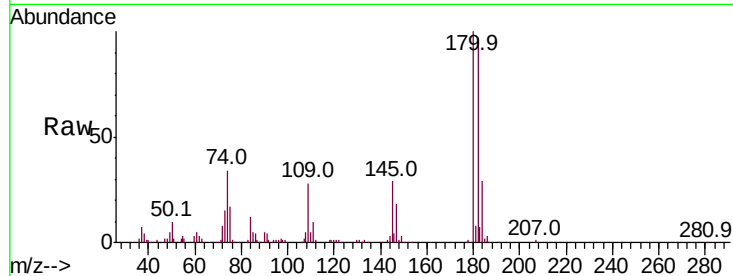
#93
 1,2,4-Trichlorobenzene
 Concen: 22.946 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tot Ion:	180	Resp:	65602
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.8	143.4
145	29.3	15.0	45.1

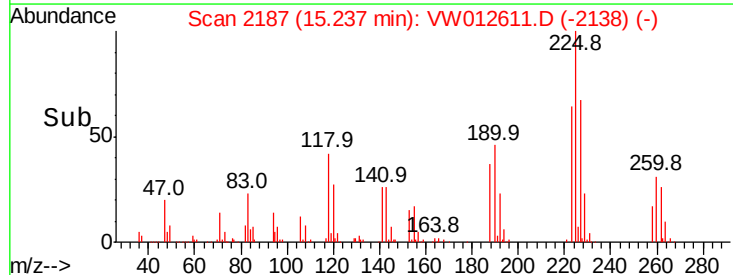
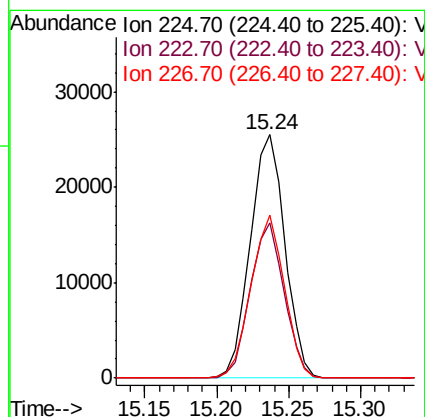
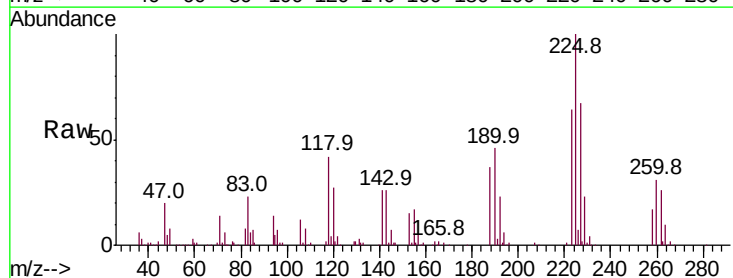
Manual Integrations
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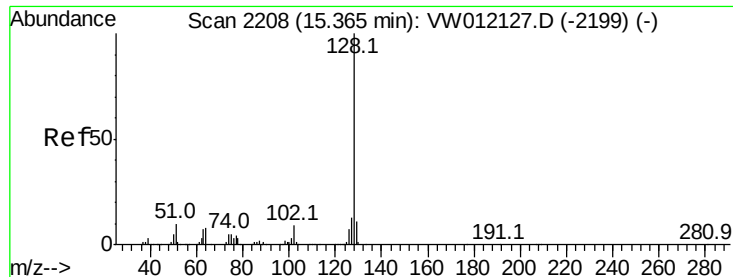
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 9/7/2019 12:46:15 AM



#94
 Hexachlorobutadiene
 Concen: 22.449 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion:	225	Resp:	42379
Ion Ratio	Lower	Upper	
225	100		
223	62.5	32.3	96.8
227	64.6	32.9	98.6





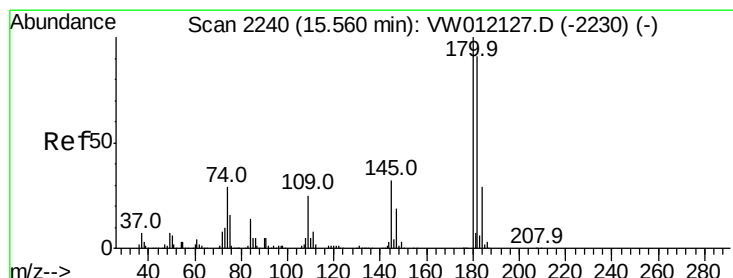
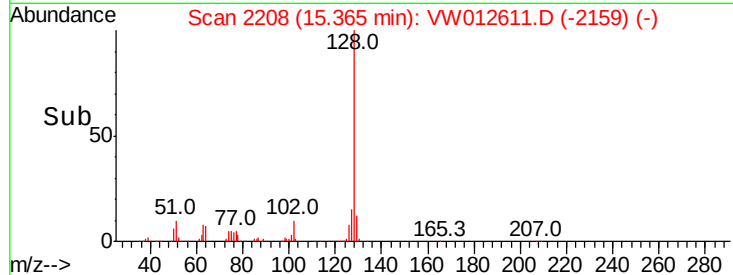
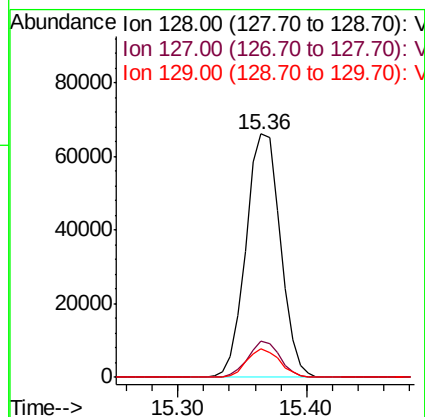
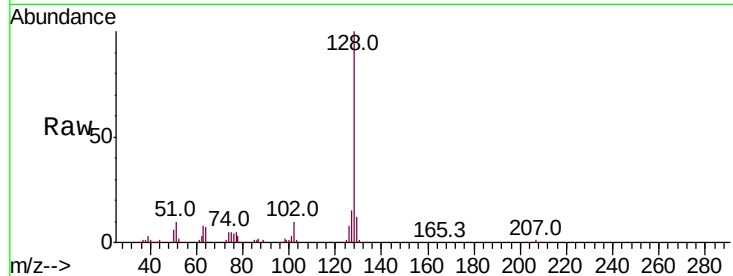
#95
Naphthalene
Concen: 24.215 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tot Ion:128	Resp:	122166
Ion Ratio	Lower	Upper
128 100		
127 13.7	10.7	16.1
129 11.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/7/2019 12:46:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 24.267 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion:180	Resp:	60531
Ion Ratio	Lower	Upper
180 100		
182 90.9	47.1	141.3
145 32.2	16.2	48.5

