

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013247.D
 Acq On : 24 Sep 2019 00:18
 Operator : SY/VA
 Sample : VW0923SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:36:16 AM

Quant Time: Sep 24 08:11:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	307803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	192039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	129706	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.88	113	125256	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.32	98	519506	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	177695	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	36238	20.410	ug/l	95
3) Chloromethane	2.20	50	44529	19.510	ug/l	97
4) Vinyl Chloride	2.35	62	55345	18.809	ug/l	97
5) Bromomethane	2.75	94	34286	18.387	ug/l	94
6) Chloroethane	2.90	64	31395	18.101	ug/l	94
7) Trichlorofluoromethane	3.24	101	26143	15.408	ug/l	94
8) Diethyl Ether	3.68	74	29528	20.375	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55969	20.262	ug/l	98
10) Methyl Iodide	4.26	142	76947	17.967	ug/l	99
11) Tert butyl alcohol	5.17	59	28752	155.158	ug/l	97
12) 1,1-Dichloroethene	4.04	96	54840	19.172	ug/l	95
13) Acrolein	3.88	56	15201	105.116	ug/l	98
14) Allyl chloride	4.66	41	79543	17.473	ug/l	99
15) Acrylonitrile	5.36	53	81024	129.530	ug/l	98
16) Acetone	4.12	43	63728	112.492	ug/l	94
17) Carbon Disulfide	4.38	76	153575	18.575	ug/l	99
18) Methyl Acetate	4.67	43	48051	30.174	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	90029	20.536	ug/l	97
20) Methylene Chloride	4.90	84	68101	21.871	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	58861	19.039	ug/l	99
22) Diisopropyl ether	6.31	45	163912	18.934	ug/l	95
23) Vinyl Acetate	6.25	43	516485	100.567	ug/l	99
24) 1,1-Dichloroethane	6.21	63	99066	18.964	ug/l	98
25) 2-Butanone	7.16	43	105856	124.474	ug/l	95
26) 2,2-Dichloropropane	7.16	77	57451	16.124	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	62722	19.224	ug/l	98
28) Bromochloromethane	7.51	49	34974	17.444	ug/l	95
29) Tetrahydrofuran	7.53	42	70949	136.038	ug/l	98
30) Chloroform	7.67	83	98704	19.299	ug/l	98
31) Cyclohexane	7.95	56	108311	19.891	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	79400	19.169	ug/l	100
36) 1,1-Dichloropropene	8.07	75	84754	20.230	ug/l	98
37) Ethyl Acetate	7.25	43	45338	25.463	ug/l	98
38) Carbon Tetrachloride	8.07	117	74657	19.879	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	114337	21.237	ug/l	98
40) Benzene	8.32	78	229443	19.635	ug/l	100
41) Methacrylonitrile	7.48	41	28012	26.360	ug/l	97
42) 1,2-Dichloroethane	8.40	62	63329	20.160	ug/l	98
43) Isopropyl Acetate	8.42	43	80587	23.615	ug/l	98
44) Trichloroethene	9.09	130	64166	19.571	ug/l	94
45) 1,2-Dichloropropane	9.37	63	56494	19.802	ug/l	96
46) Dibromomethane	9.46	93	30089	21.723	ug/l	98
47) Bromodichloromethane	9.64	83	68476	19.429	ug/l	97
48) Methyl methacrylate	9.43	41	37005	23.061	ug/l	96
49) 1,4-Dioxane	9.45	88	12583	605.205	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	224471	131.210	ug/l	99
52) Toluene	10.38	92	148295	19.801	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	71213	19.667	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	84265	19.139	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44566	21.527	ug/l	98
56) Ethyl methacrylate	10.65	69	62237	22.970	ug/l	99
57) 1,3-Dichloropropane	10.93	76	77647	21.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	149973	119.565	ug/l	100
59) 2-Hexanone	10.97	43	151848	129.012	ug/l	99
60) Dibromochloromethane	11.13	129	47434	20.178	ug/l	99
61) 1,2-Dibromoethane	11.23	107	43951	22.328	ug/l	100
64) Tetrachloroethene	10.86	164	63275	22.216	ug/l	95
65) Chlorobenzene	11.65	112	152599	19.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52537	19.618	ug/l	99
67) Ethyl Benzene	11.72	91	281835	19.844	ug/l	98
68) m/p-Xylenes	11.83	106	217506	40.188	ug/l	99
69) o-Xylene	12.16	106	98354	19.546	ug/l	99
70) Styrene	12.18	104	169107	19.576	ug/l	99
71) Bromoform	12.35	173	30262	21.390	ug/l #	96
73) Isopropylbenzene	12.46	105	282654	19.925	ug/l	99
74) N-amyl acetate	12.27	43	70109	22.272	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	55315	23.315	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	42881m	25.284	ug/l	
77) Bromobenzene	12.74	156	63915	19.013	ug/l	94
78) n-propylbenzene	12.80	91	330506	19.904	ug/l	100
79) 2-Chlorotoluene	12.89	91	179824	19.330	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	237029	19.877	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16179	21.406	ug/l	95
82) 4-Chlorotoluene	12.99	91	187242	19.086	ug/l	99
83) tert-Butylbenzene	13.21	119	210092	20.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	232686	19.609	ug/l	98
85) sec-Butylbenzene	13.38	105	291481	20.199	ug/l	99
86) p-Isopropyltoluene	13.50	119	264988	19.799	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	125008	19.322	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124808	19.669	ug/l	98
89) n-Butylbenzene	13.82	91	238351	19.503	ug/l	99
90) Hexachloroethane	14.09	117	44266	19.688	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	113316	20.245	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8961	24.694	ug/l	93

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QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77576	19.342	ug/l	97
94) Hexachlorobutadiene	15.24	225	56028	20.418	ug/l	100
95) Naphthalene	15.36	128	154163	23.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	69982	20.193	ug/l	98

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

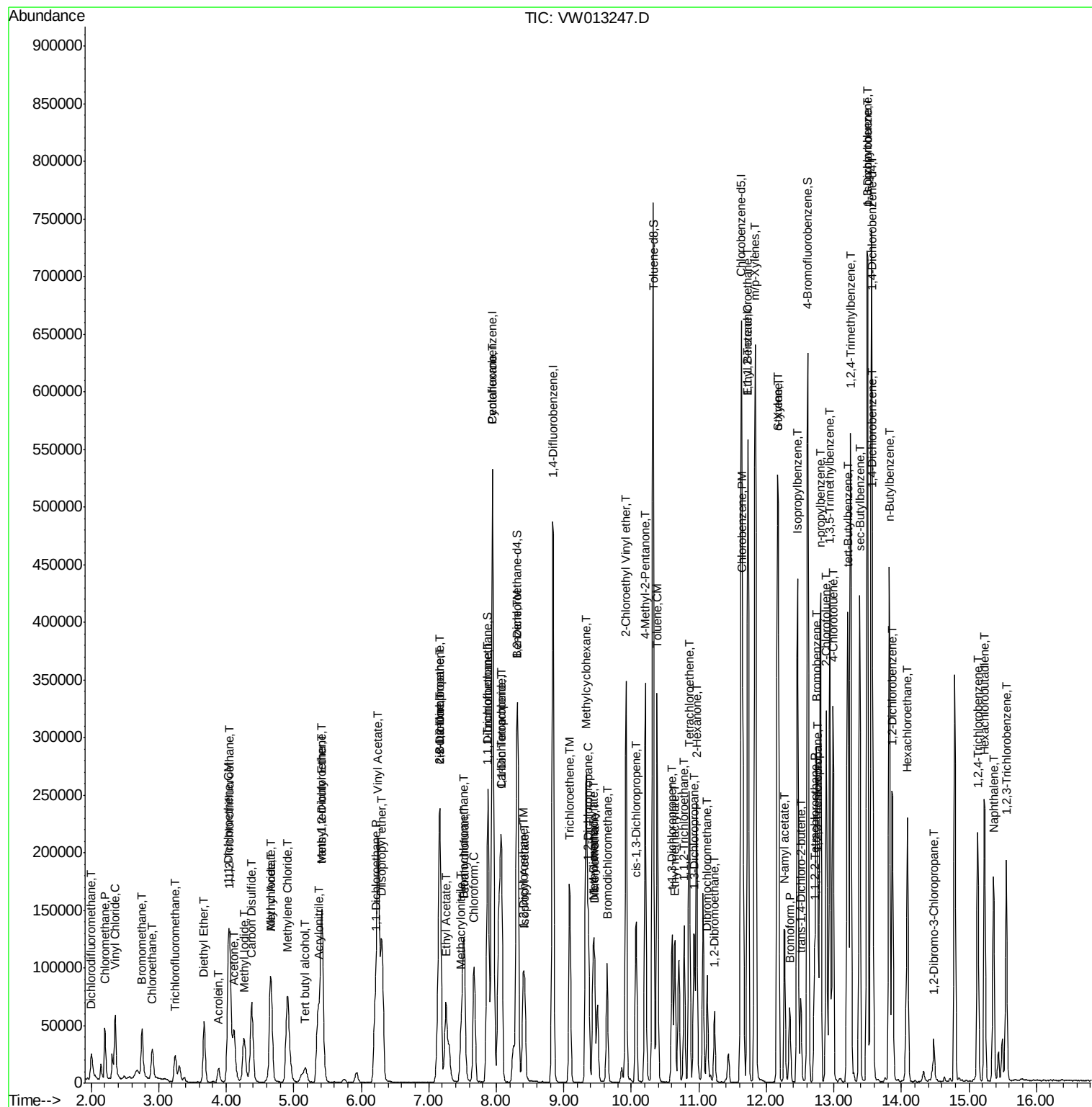
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013247.D
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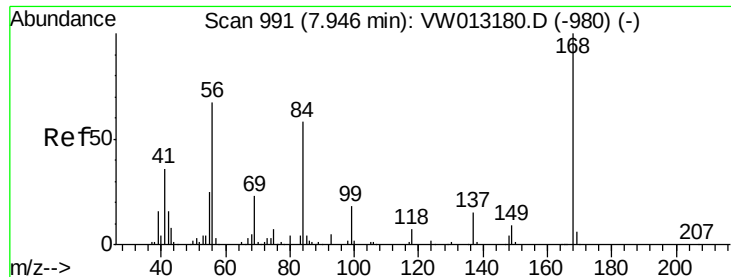
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion:168 Resp: 307803

Ion Ratio Lower Upper

168 100

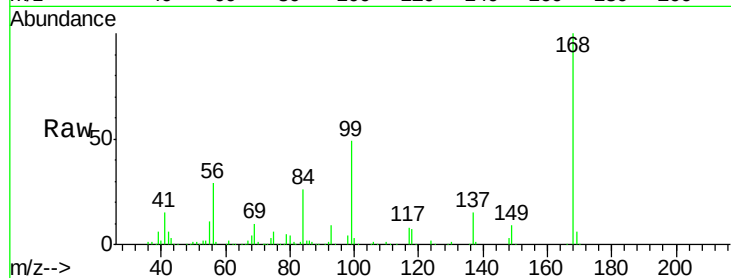
99 49.5 40.2 60.4

Manual Integrations

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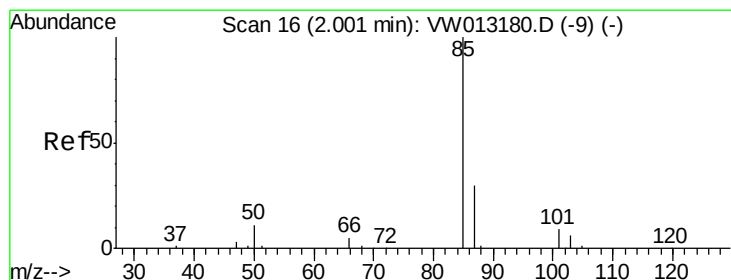
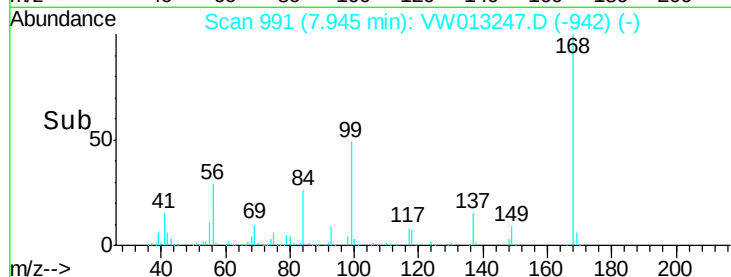
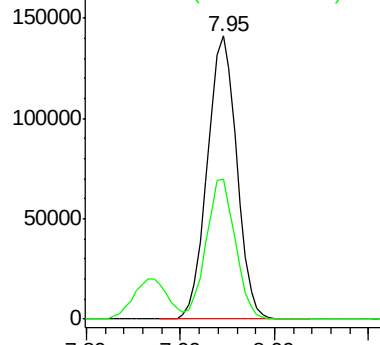
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.410 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW013247.D

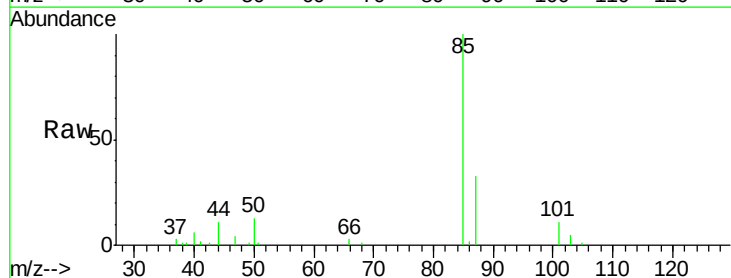
Acq: 24 Sep 2019 00:18

Tgt Ion: 85 Resp: 36238

Ion Ratio Lower Upper

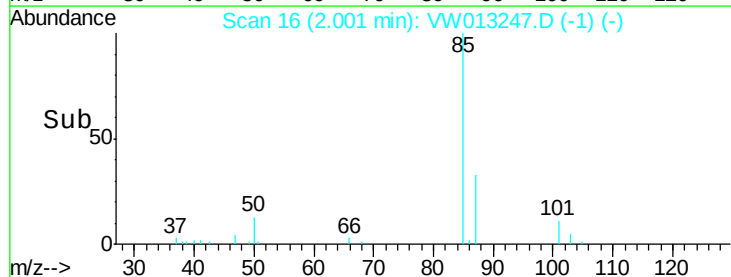
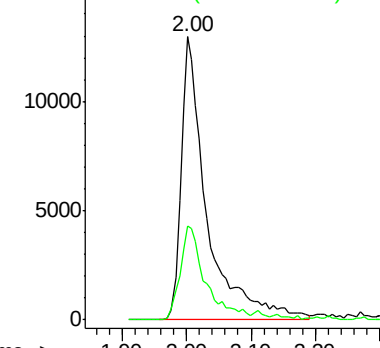
85 100

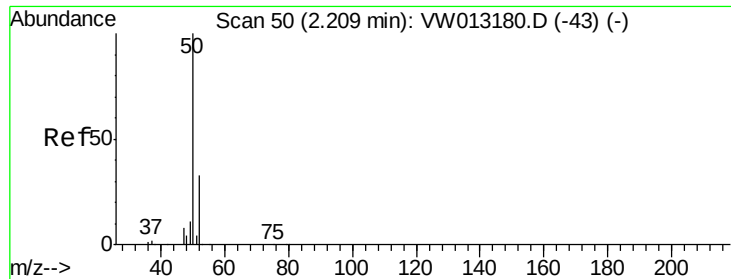
87 33.0 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.510 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion: 50 Resp: 44529

Ion Ratio Lower Upper

50 100

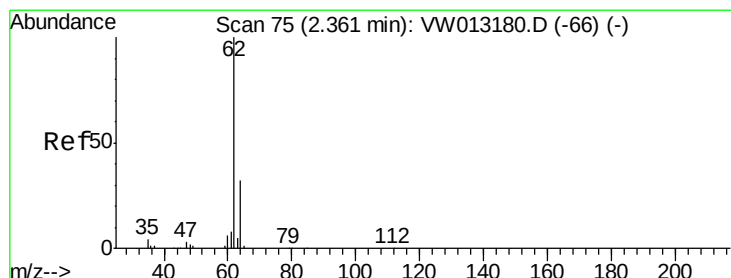
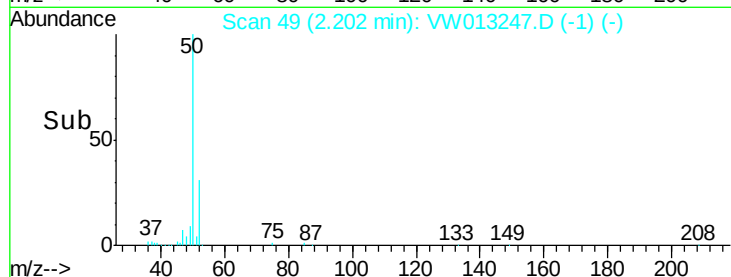
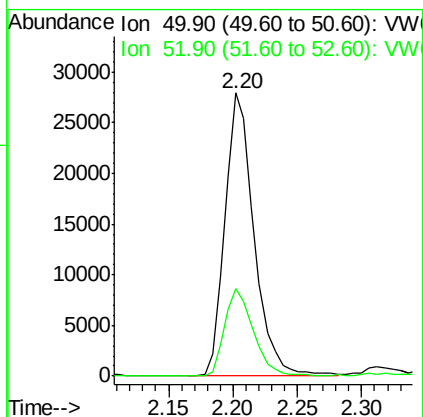
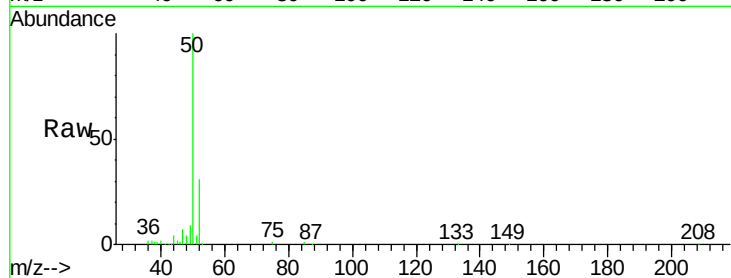
52 30.7 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.809 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013247.D

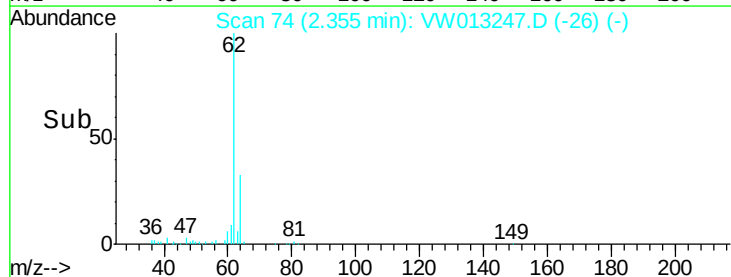
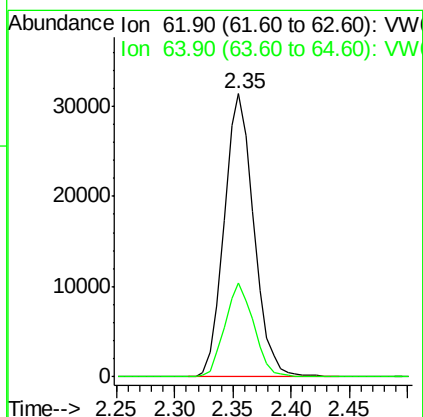
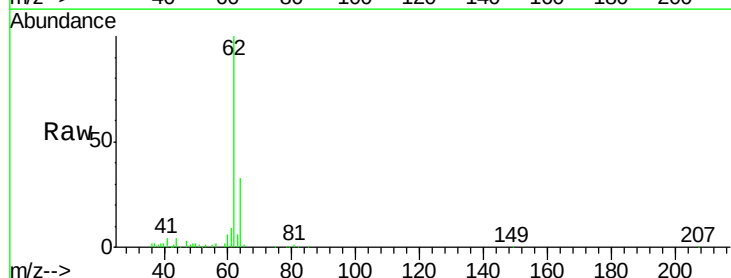
Acq: 24 Sep 2019 00:18

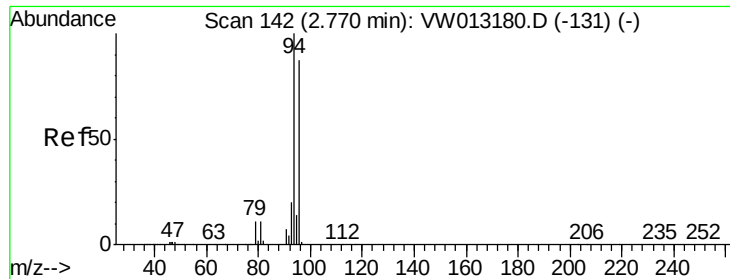
Tgt Ion: 62 Resp: 55345

Ion Ratio Lower Upper

62 100

64 33.2 25.3 37.9





#5

Bromomethane

Concen: 18.387 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 34286

Ion Ratio Lower Upper

94 100

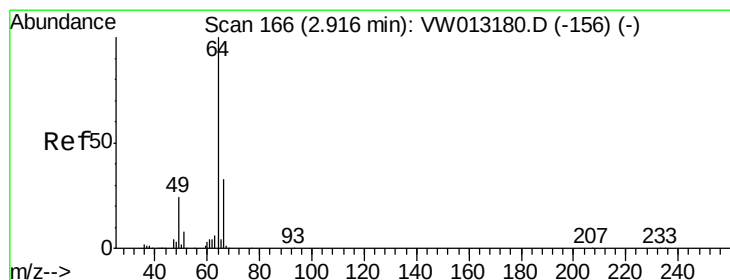
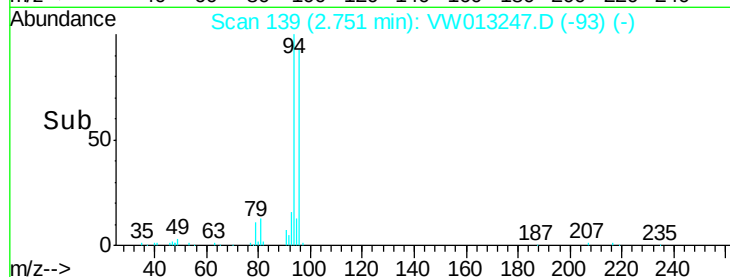
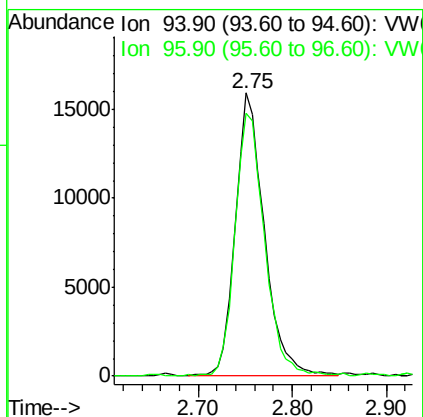
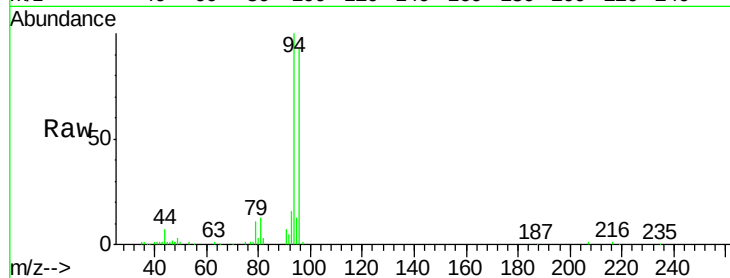
96 92.4 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 18.101 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013247.D

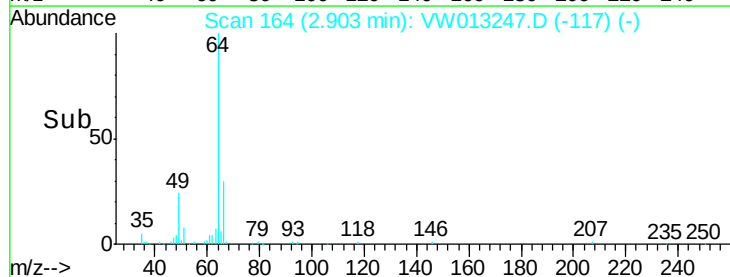
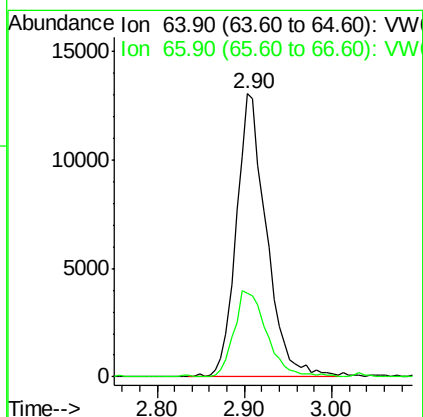
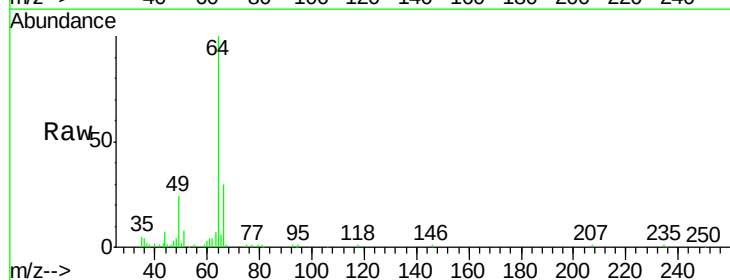
Acq: 24 Sep 2019 00:18

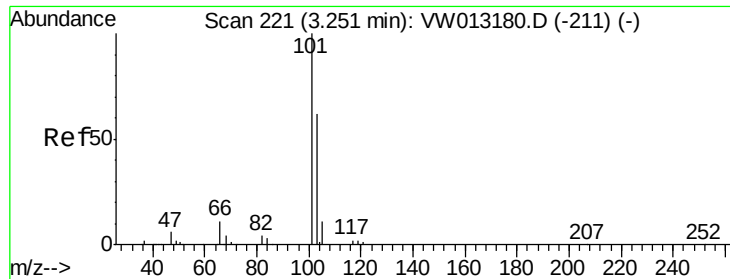
Tgt Ion: 64 Resp: 31395

Ion Ratio Lower Upper

64 100

66 29.7 26.6 39.8





#7

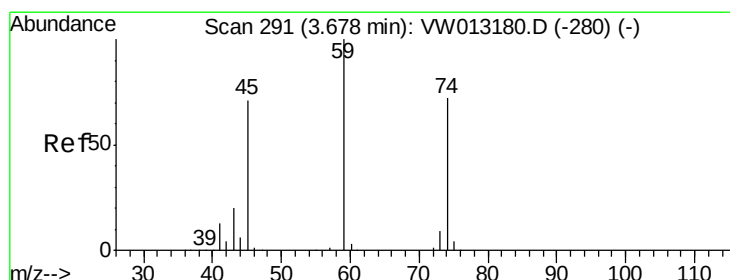
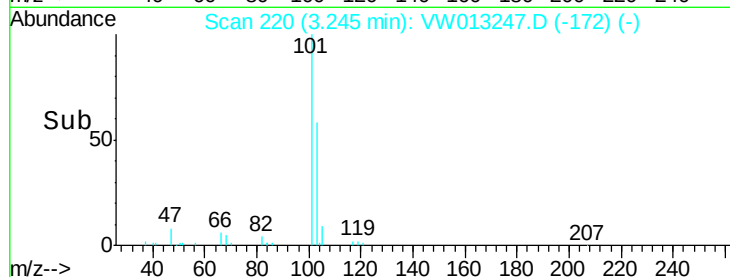
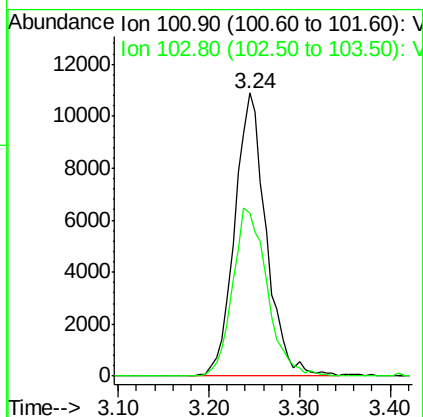
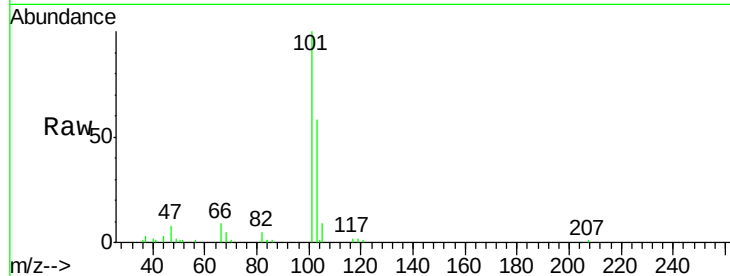
Trichlorofluoromethane
 Concen: 15.408 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	57.8	49.7	74.5

Manual Integrations
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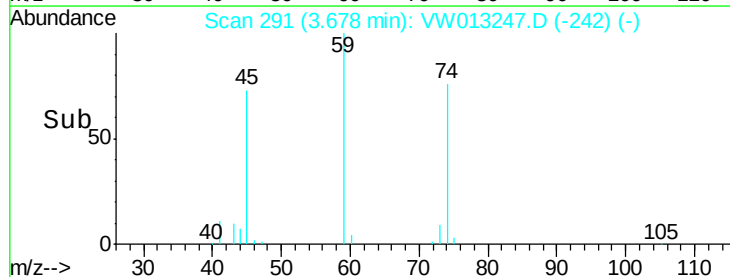
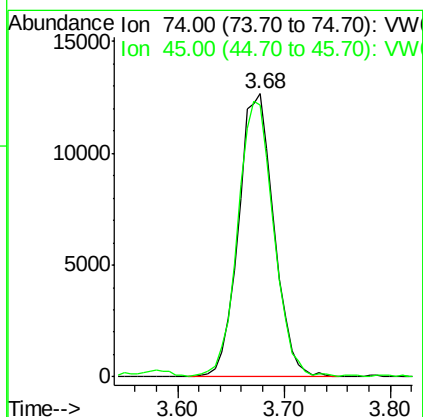
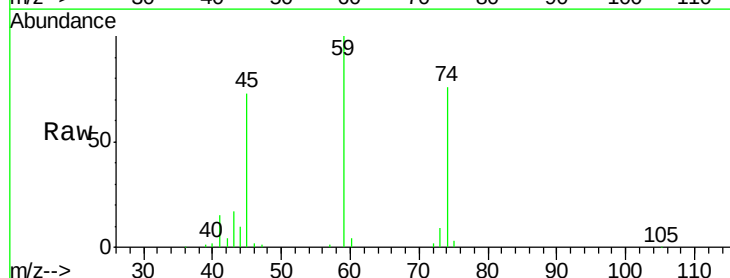
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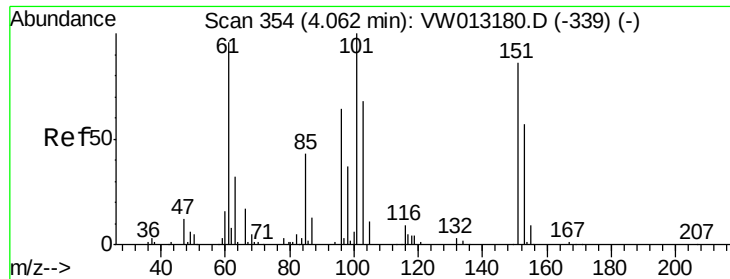


#8

Diethyl Ether
 Concen: 20.375 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.262 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

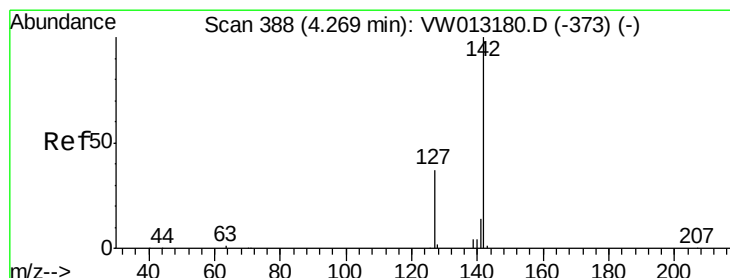
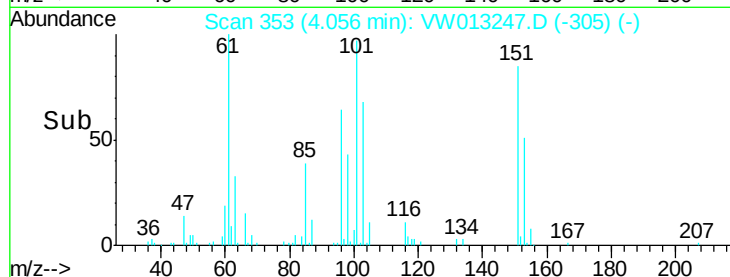
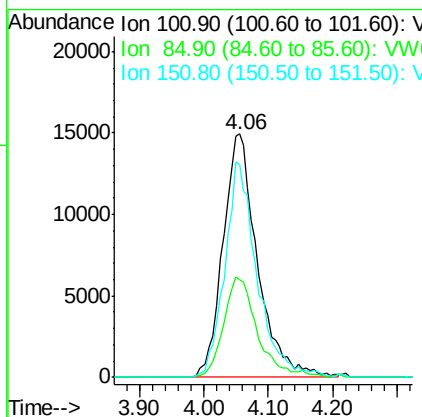
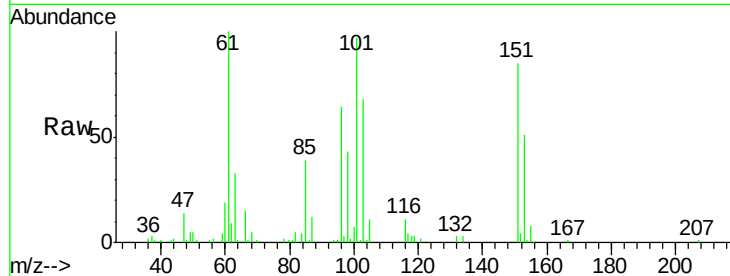
ClientSampleId :

VW0923SBS02

Tot Ion:	101	Resp:	55969
Ion Ratio	Lower	Upper	
101	100		
85	39.4	33.4	50.0
151	82.9	66.9	100.3

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#10

Methyl Iodide

Concen: 17.967 ug/l

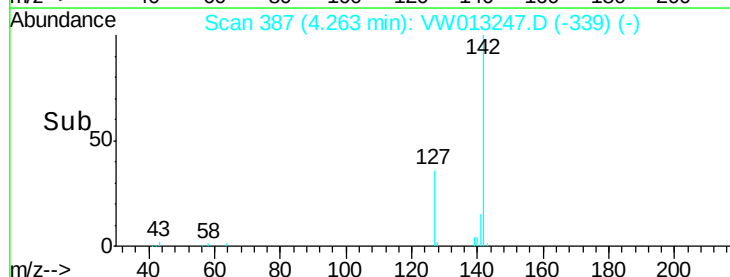
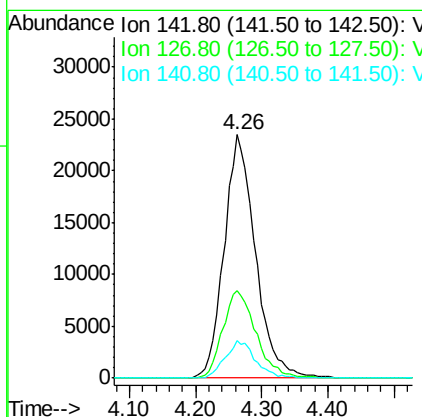
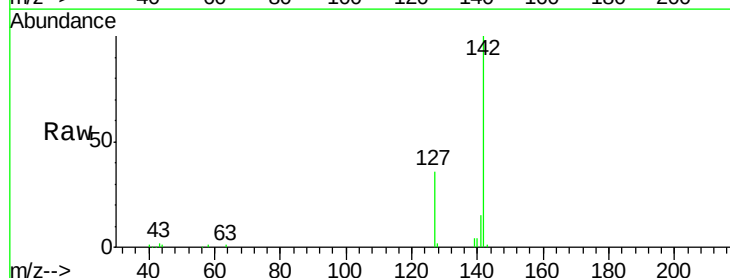
RT: 4.26 min Scan# 387

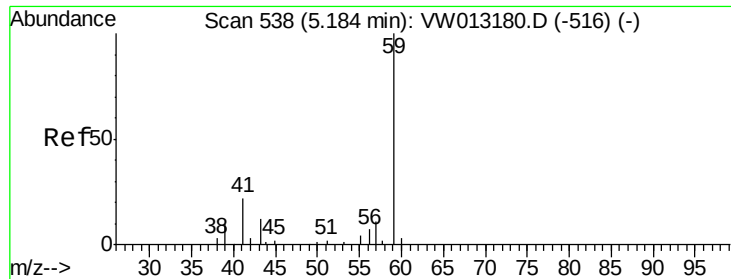
Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	142	Resp:	76947
Ion Ratio	Lower	Upper	
142	100		
127	37.9	30.9	46.3
141	14.7	11.7	17.5





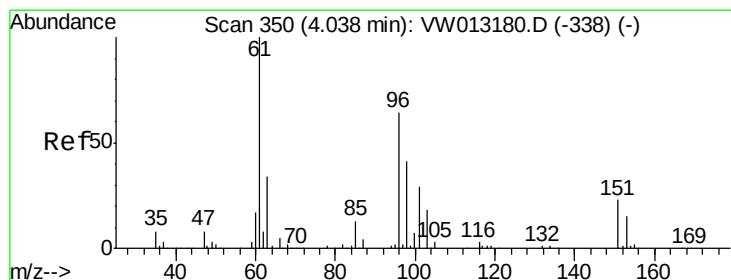
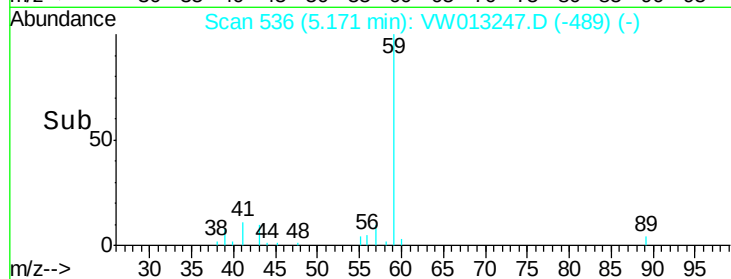
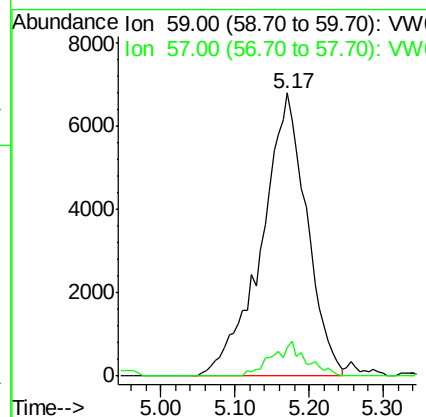
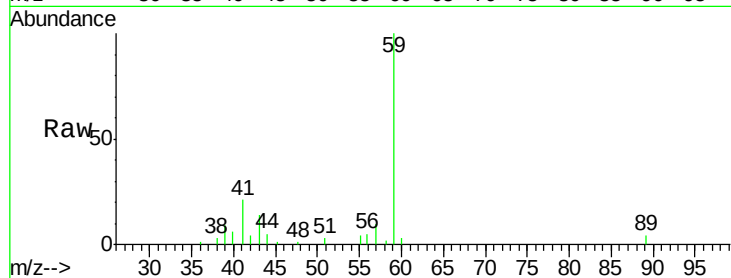
#11
Tert butyl alcohol
Concen: 155.158 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	28752		
57	9.1		8.2	12.2

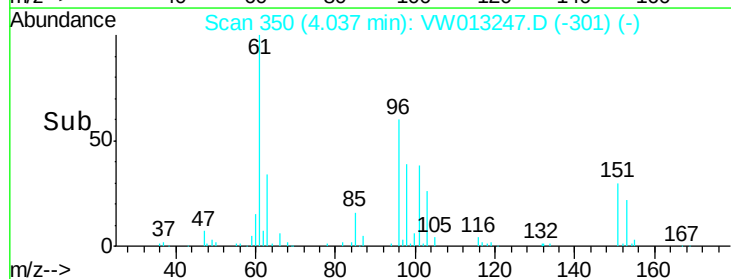
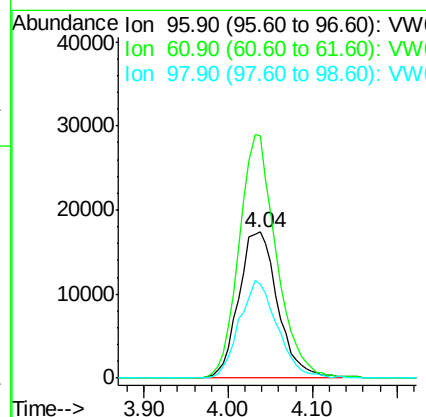
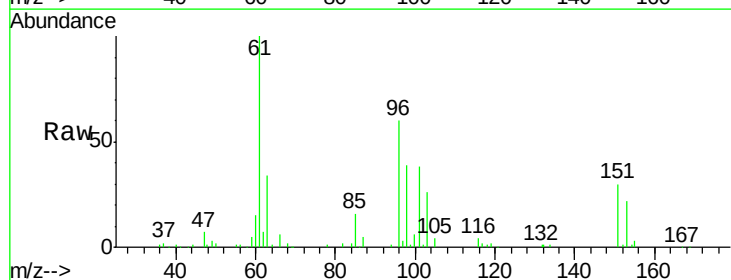
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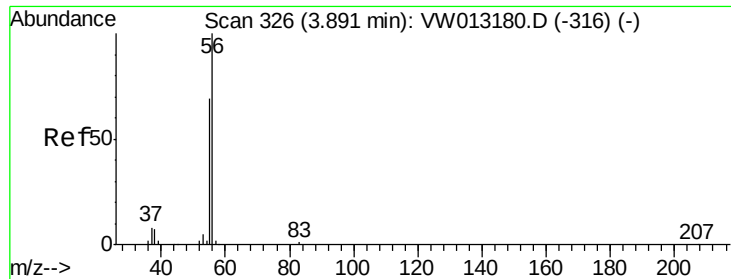
MMDadoda
9/25/2019 12:36:16 AM



#12
1,1-Dichloroethene
Concen: 19.172 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	54840		
61	165.8		125.1	187.7
98	64.5		50.8	76.2





#13

Acrolein

Concen: 105.116 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion: 56 Resp: 15201

Ion Ratio Lower Upper

56 100

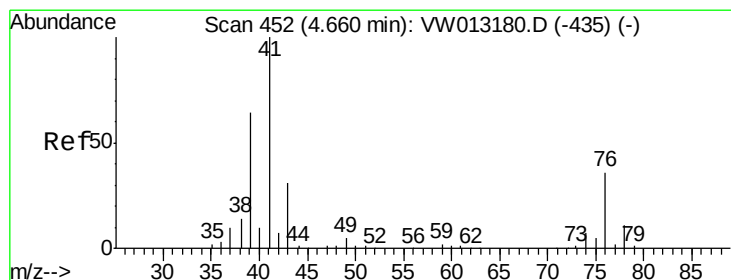
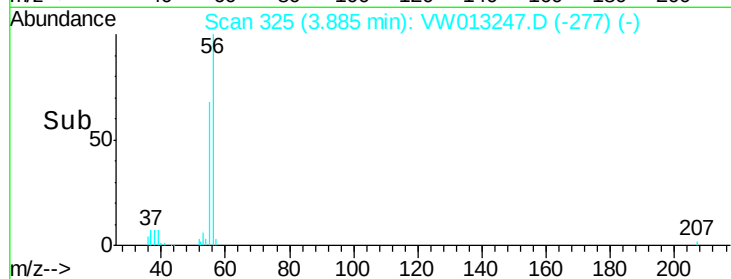
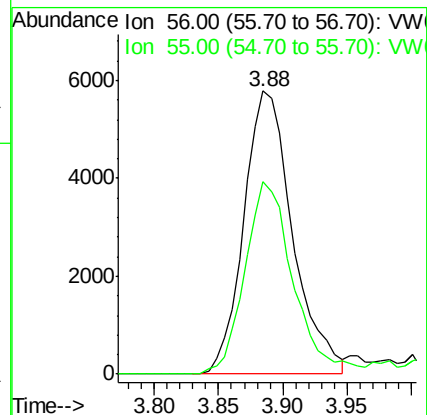
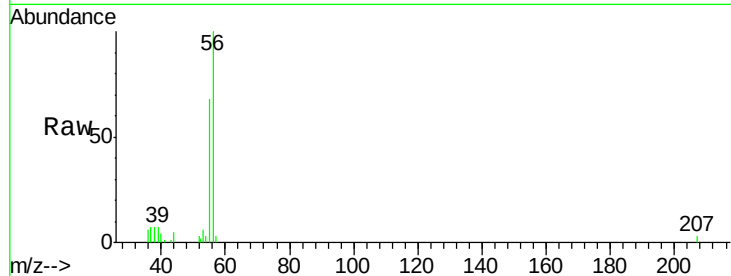
55 67.2 55.4 83.0

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#14

Allyl chloride

Concen: 17.473 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

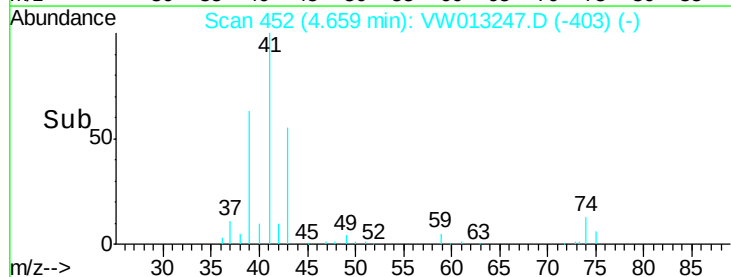
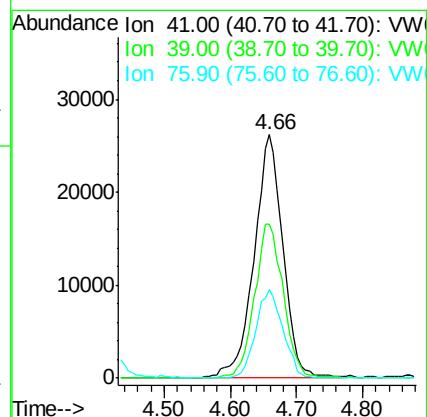
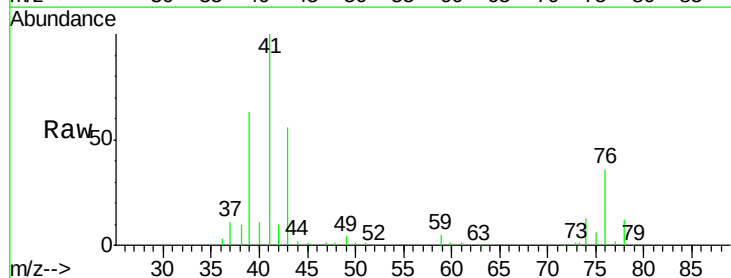
Tgt Ion: 41 Resp: 79543

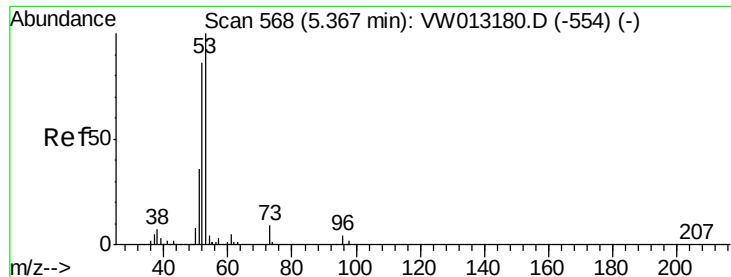
Ion Ratio Lower Upper

41 100

39 63.2 51.0 76.4

76 34.2 28.4 42.6





#15

Acrylonitrile

Concen: 129.530 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

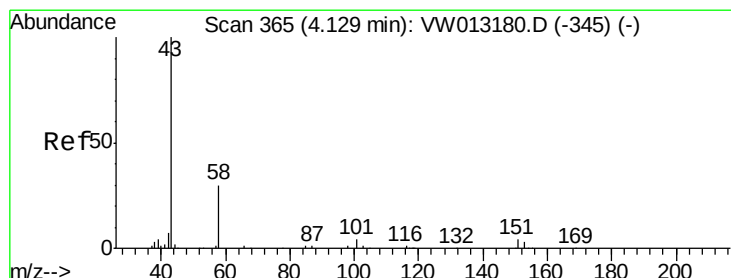
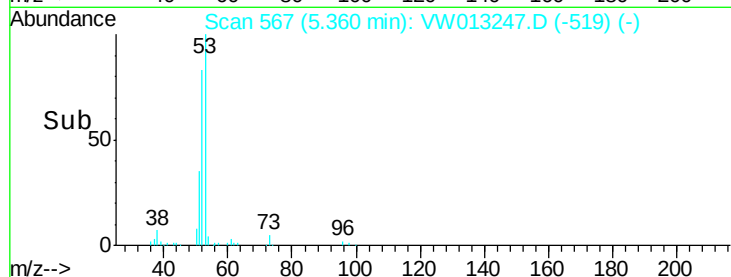
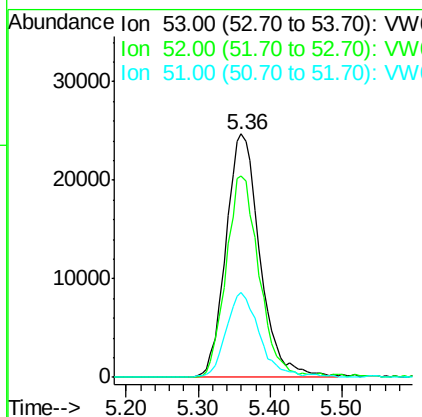
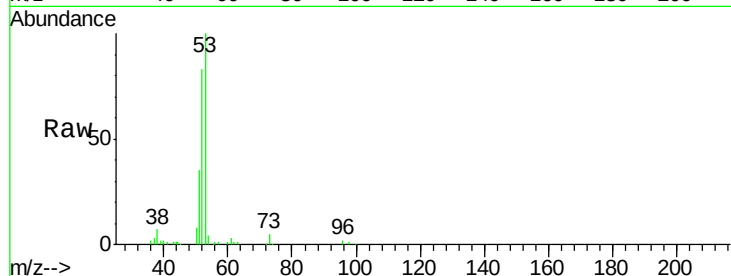
ClientSampleId :

VW0923SBS02

Tot Ion:	53	Resp:	81024
Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.3	97.9
51	33.9	29.0	43.4

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#16

Acetone

Concen: 112.492 ug/l

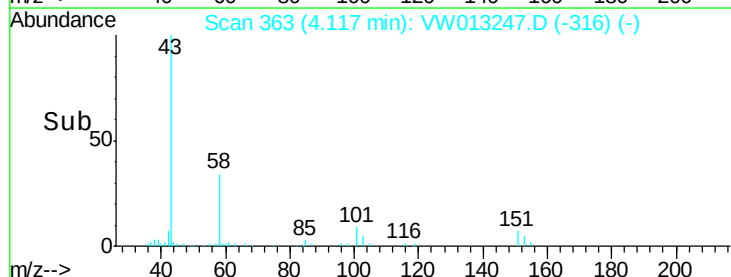
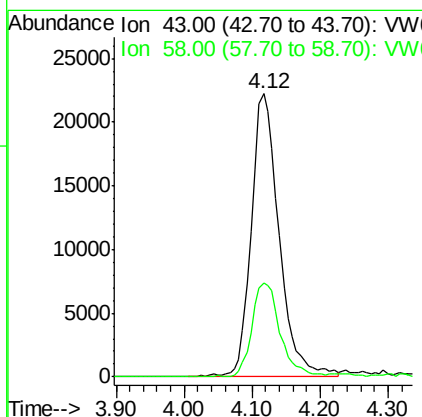
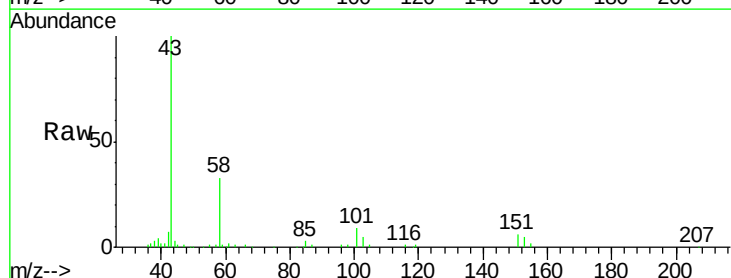
RT: 4.12 min Scan# 363

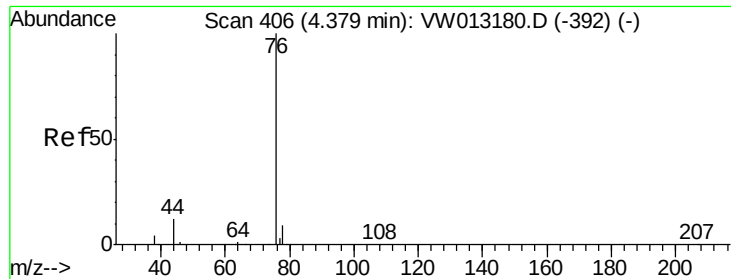
Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	43	Resp:	63728
Ion	Ratio	Lower	Upper
43	100		
58	33.4	24.1	36.1





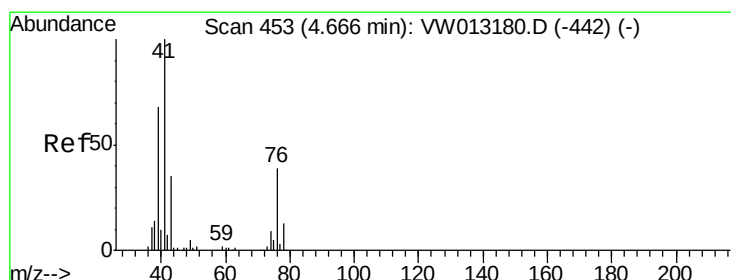
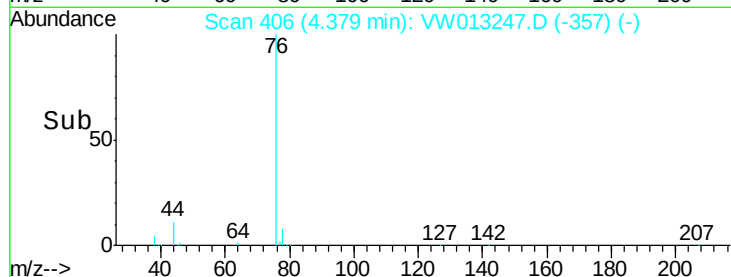
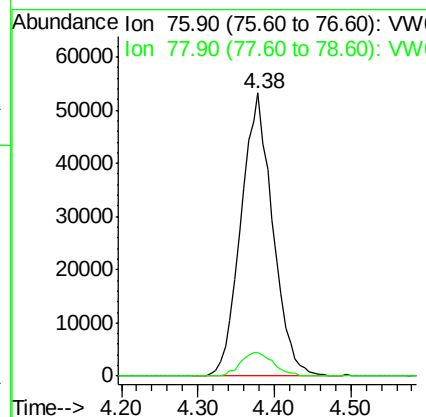
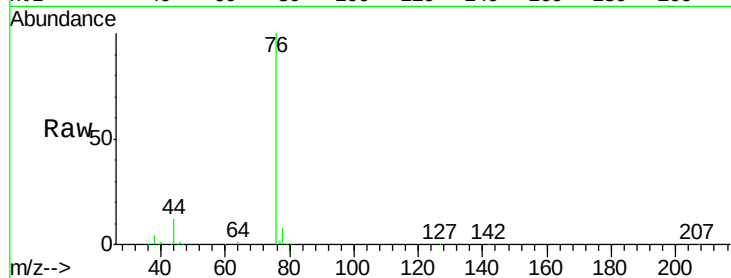
#17
Carbon Disulfide
Concen: 18.575 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

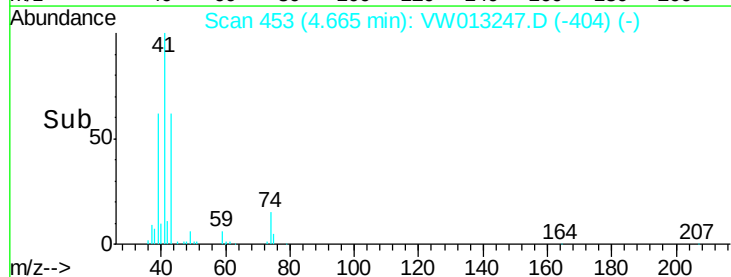
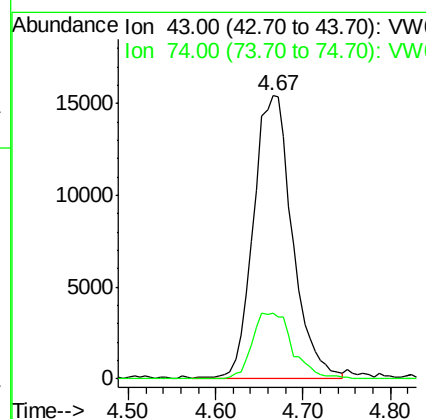
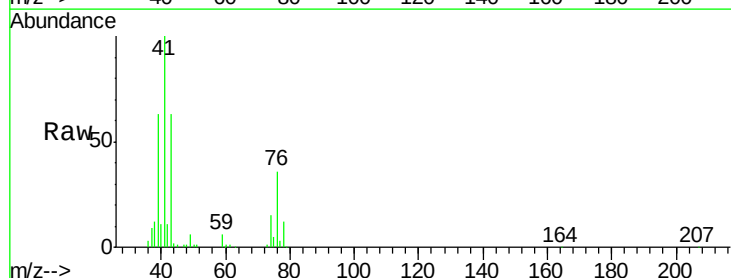
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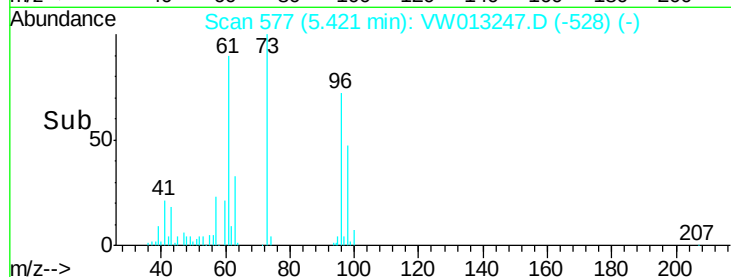
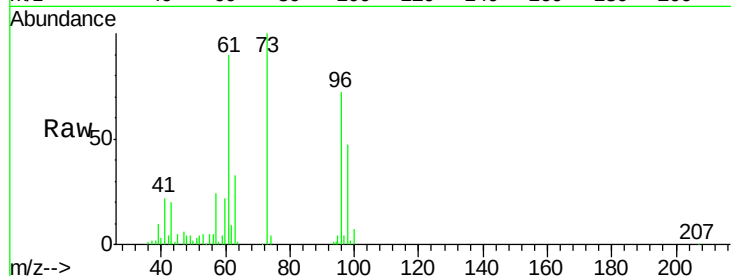
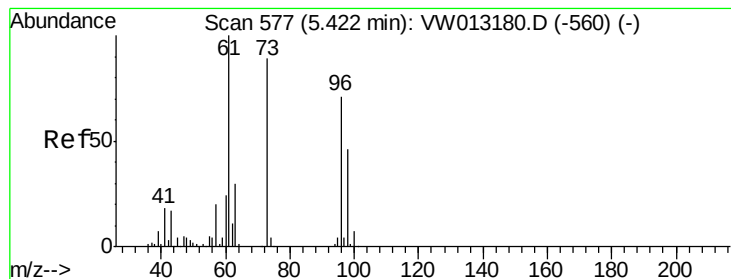
MMDadoda
9/25/2019 12:36:16 AM



#18
Methyl Acetate
Concen: 30.174 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.3	28.9





#19

Methyl tert-butyl Ether

Concen: 20.536 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tot Ion: 73 Resp: 90029

Ion Ratio Lower Upper

73 100

57 23.5 17.6 26.4

Instrument :

MSVOA_W

ClientSampleId :

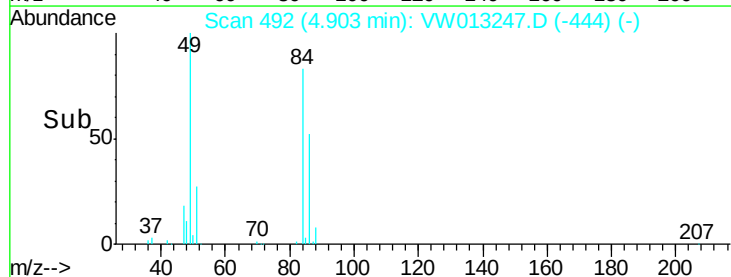
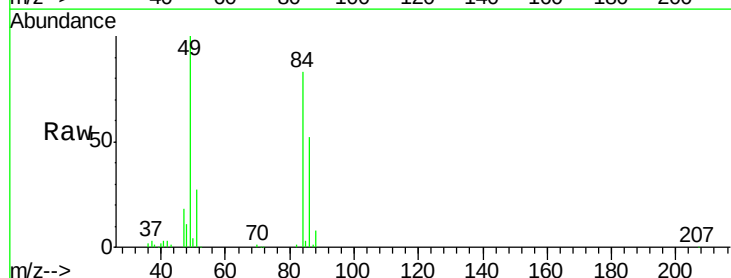
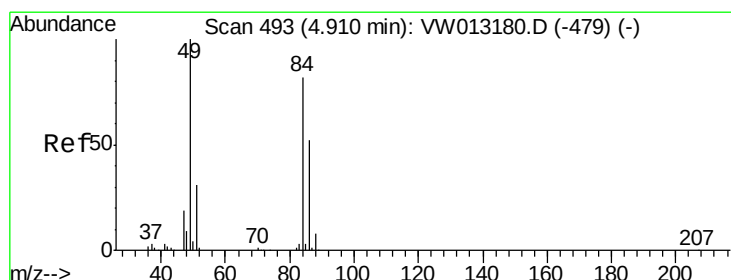
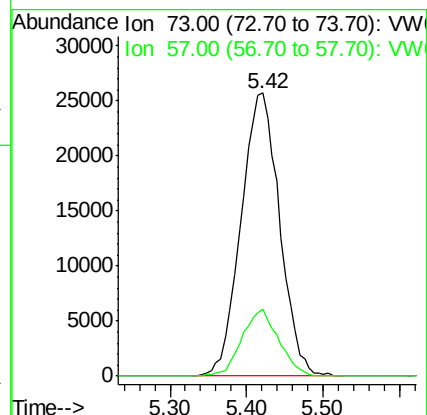
VW0923SBS02

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#20

Methylene Chloride

Concen: 21.871 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion: 84 Resp: 68101

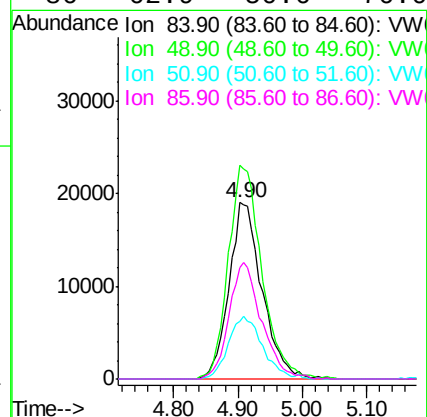
Ion Ratio Lower Upper

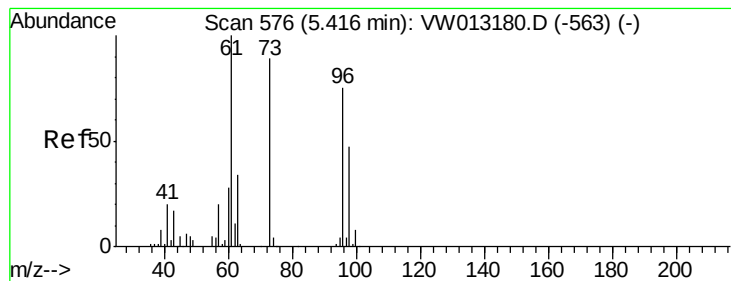
84 100

49 121.0 97.6 146.4

51 32.8 30.2 45.2

86 62.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.039 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

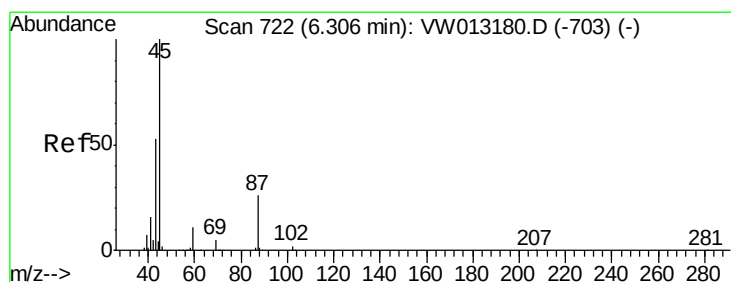
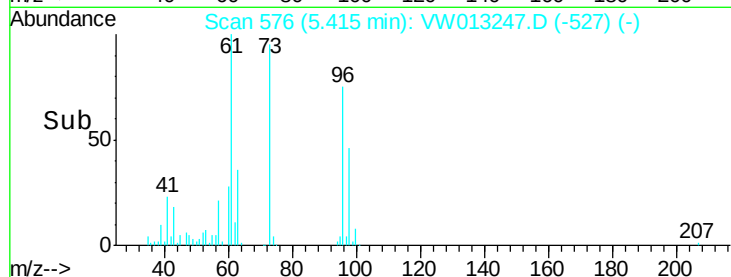
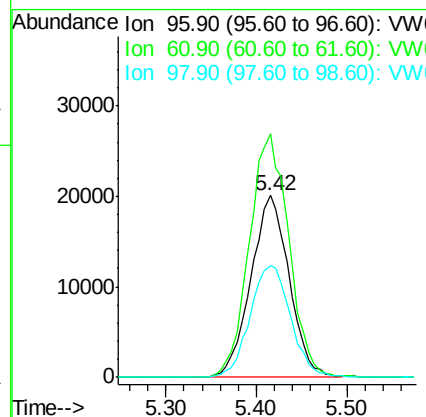
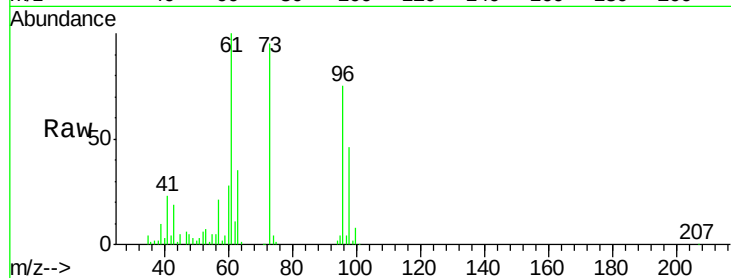
ClientSampleId :

VW0923SBS02

Tot Ion:	96	Resp:	58861
Ion	Ratio	Lower	Upper
96	100		
61	133.9	106.6	159.8
98	61.4	49.8	74.8

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#22

Diisopropyl ether

Concen: 18.934 ug/l

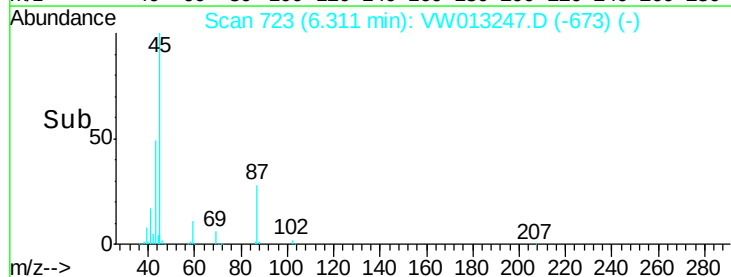
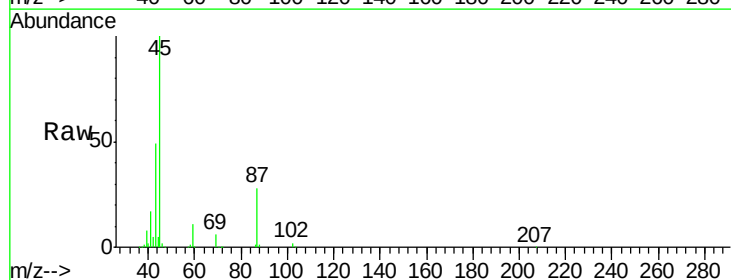
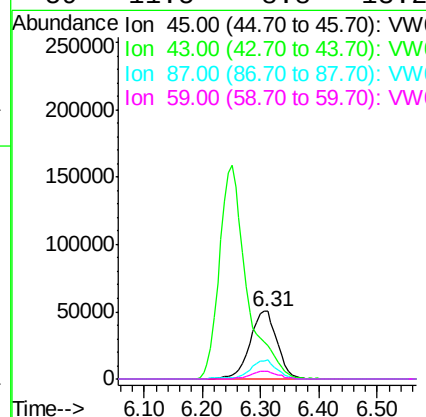
RT: 6.31 min Scan# 723

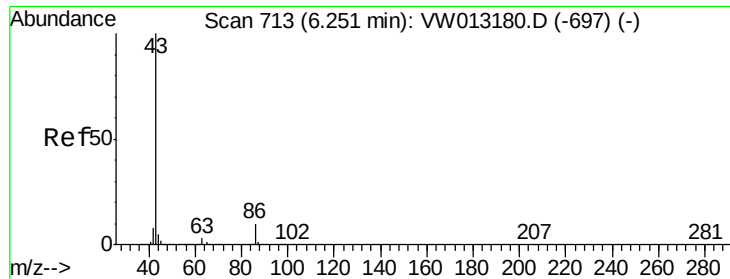
Delta R.T. 0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	45	Resp:	163912
Ion	Ratio	Lower	Upper
45	100		
43	48.2	42.4	63.6
87	27.7	20.4	30.6
59	11.5	8.8	13.2





#23

Vinyl Acetate

Concen: 100.567 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion: 43 Resp: 516485

Ion Ratio Lower Upper

43 100

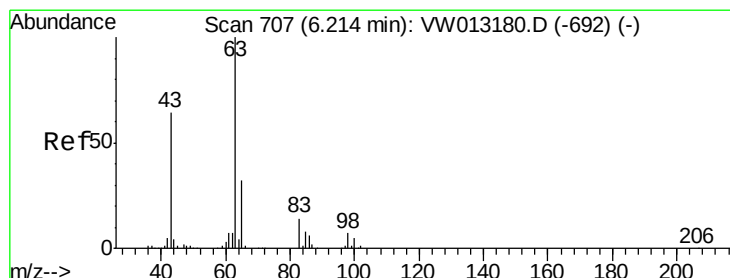
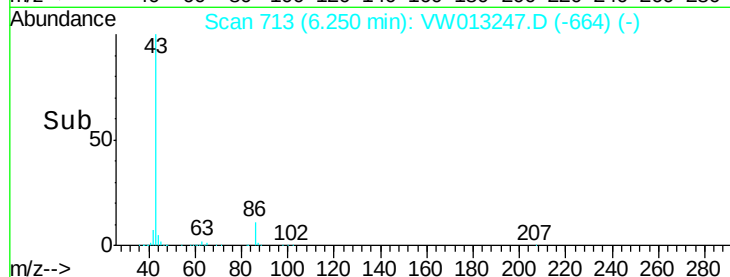
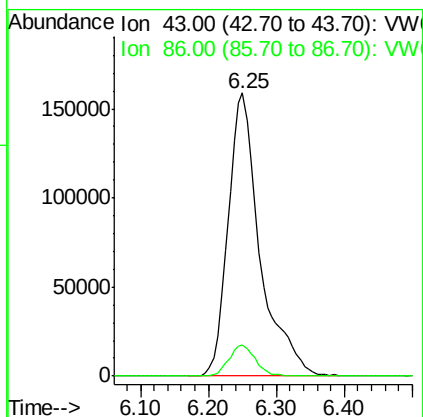
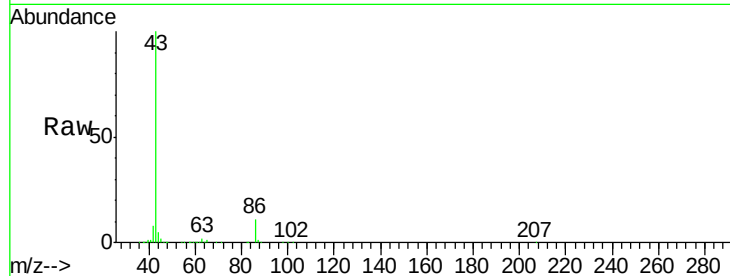
86 10.9 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.964 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

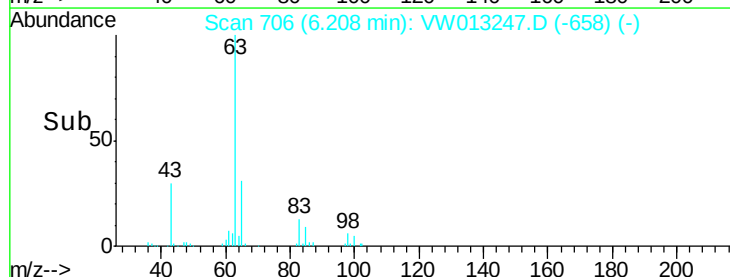
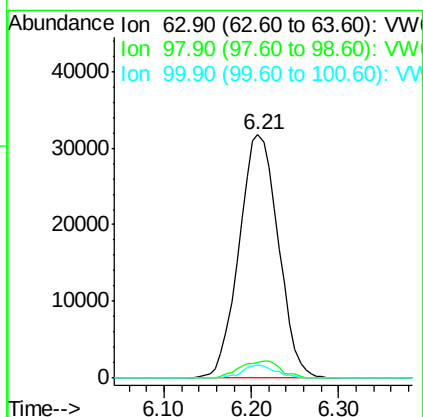
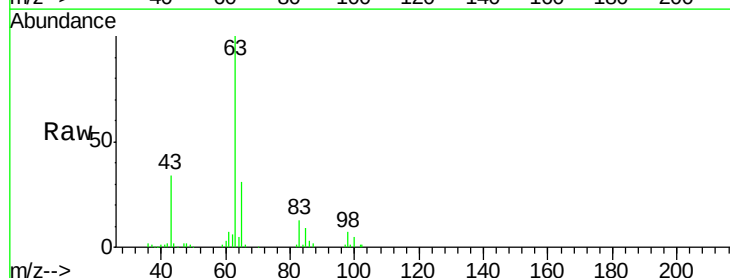
Tgt Ion: 63 Resp: 99066

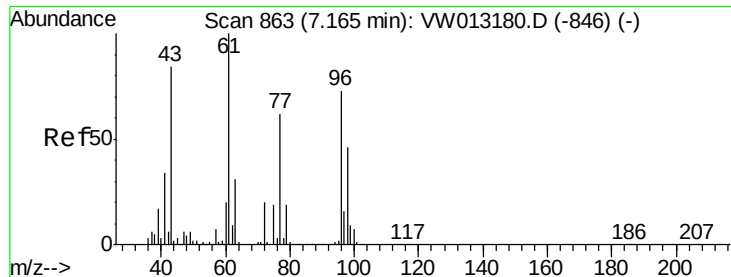
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 5.4 2.4 7.1





#25

2-Butanone

Concen: 124.474 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion: 43 Resp: 105856

Ion Ratio Lower Upper

43 100

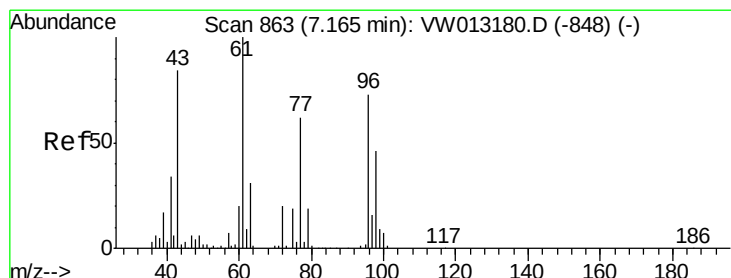
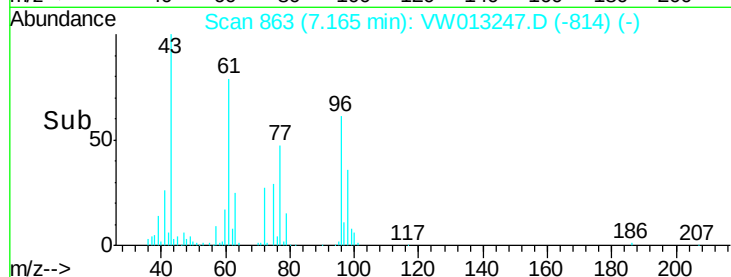
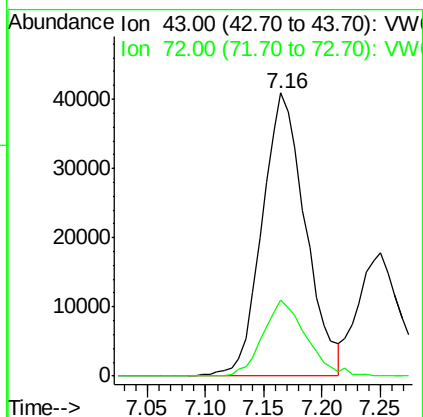
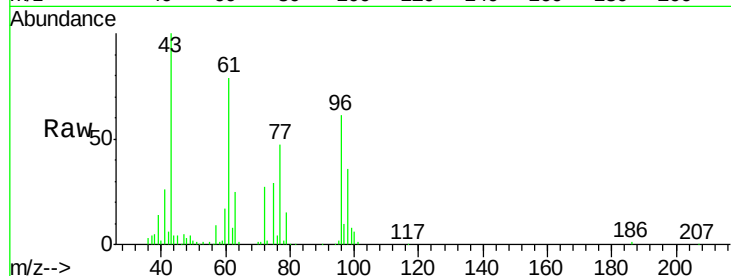
72 26.7 19.4 29.0

Manual Integrations

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MMDadoda

9/25/2019 12:36:16 AM



#26

2,2-Dichloropropane

Concen: 16.124 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013247.D

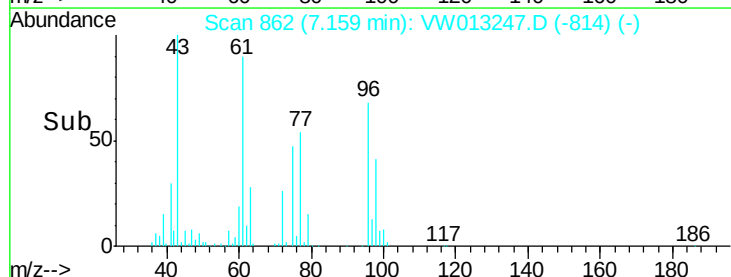
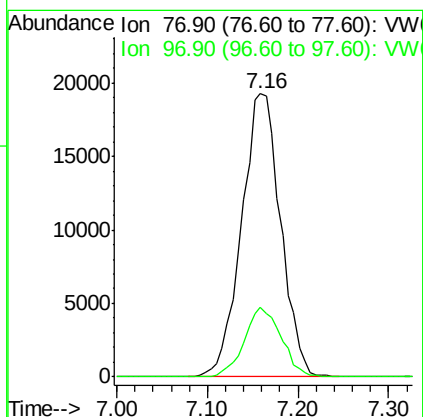
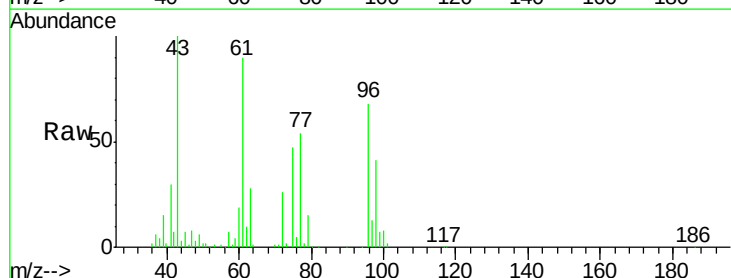
Acq: 24 Sep 2019 00:18

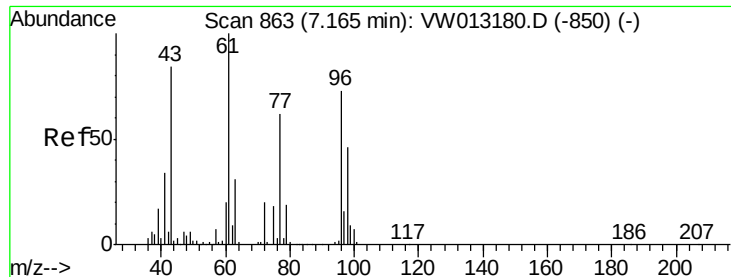
Tgt Ion: 77 Resp: 57451

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4





#27

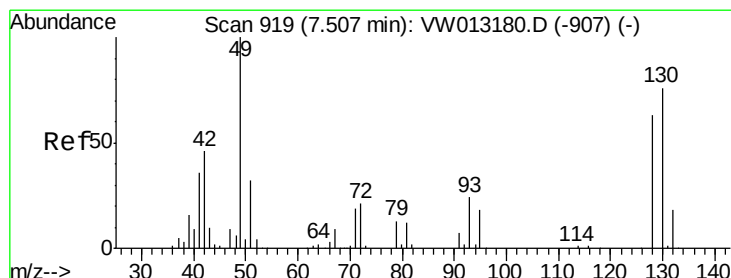
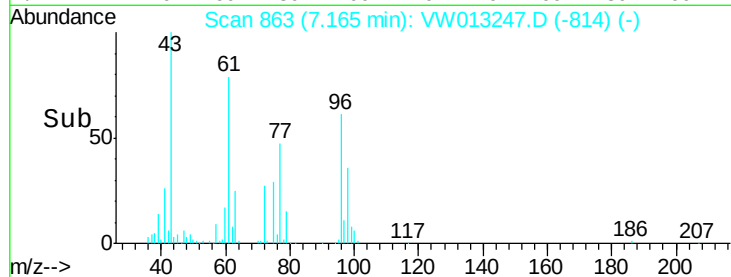
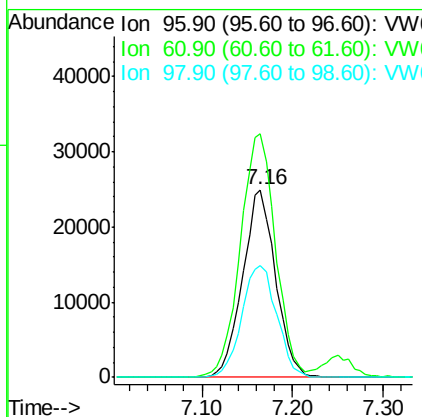
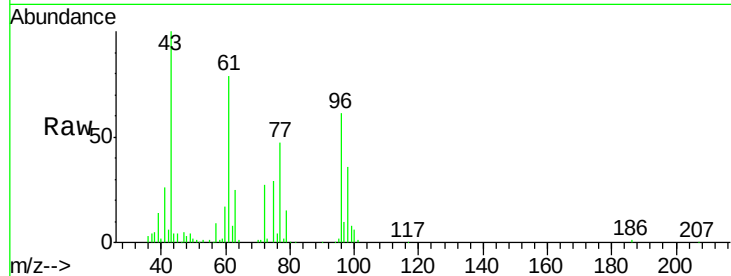
cis-1,2-Dichloroethene
Concen: 19.224 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	282.4
98	63.2	0.0	128.2

Manual Integrations
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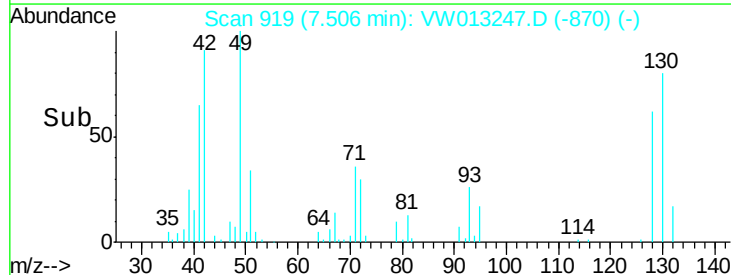
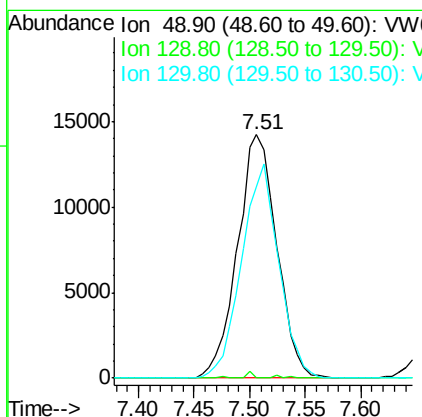
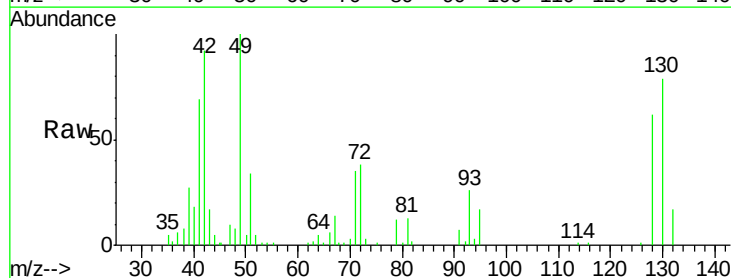
MMDadoda
9/25/2019 12:36:16 AM

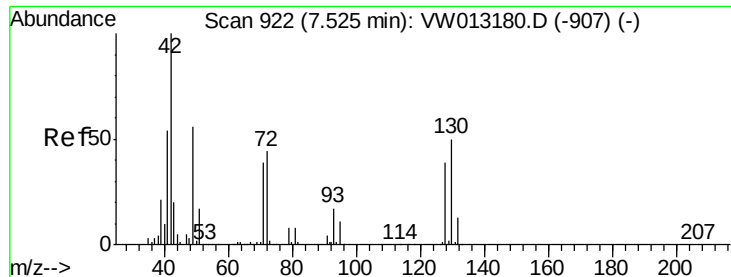


#28

Bromochloromethane
Concen: 17.444 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.0
130	83.4	63.4	95.2





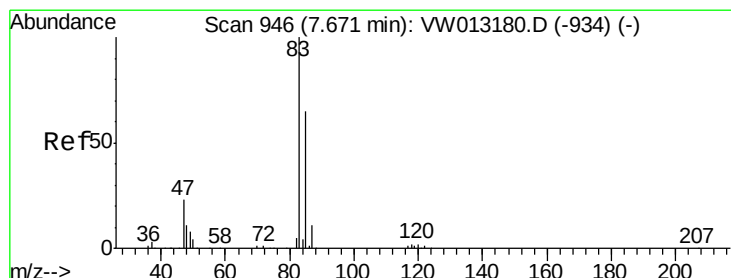
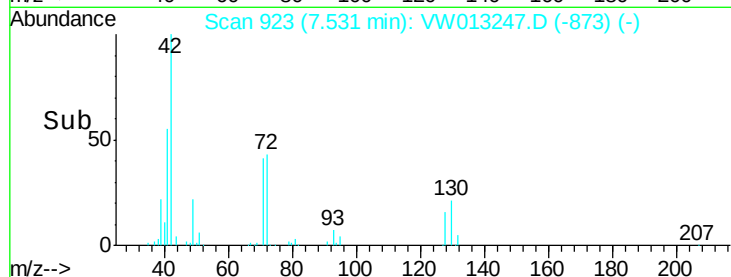
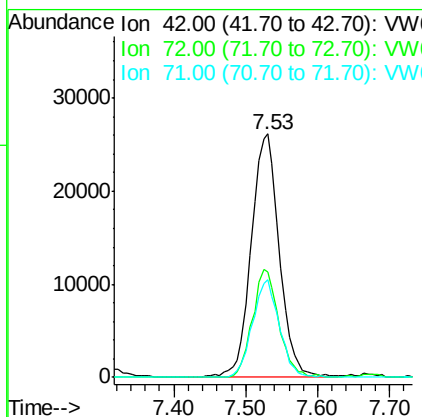
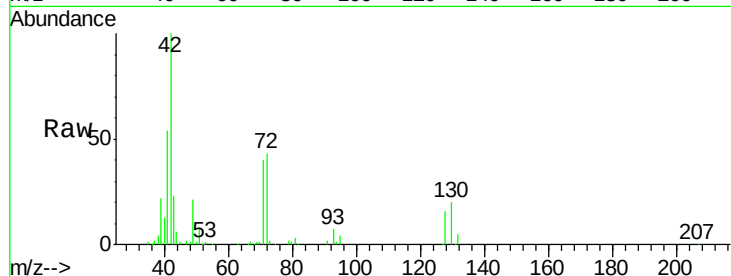
#29
Tetrahydrofuran
Concen: 136.038 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.9	50.9
71	38.1	31.9	47.9

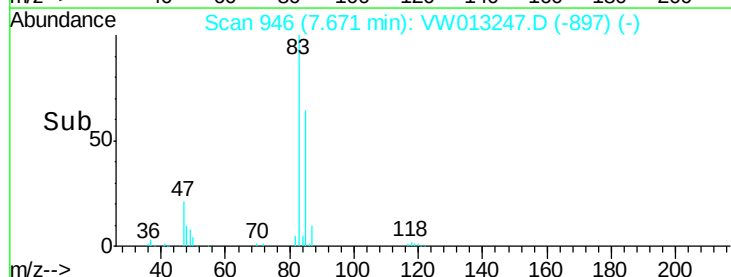
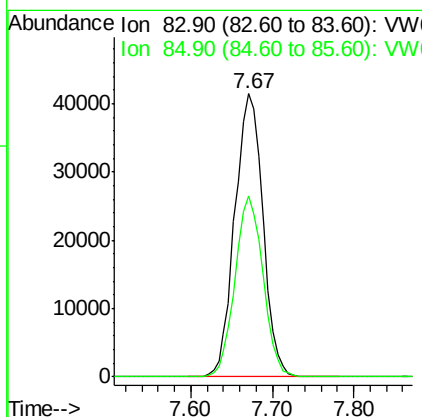
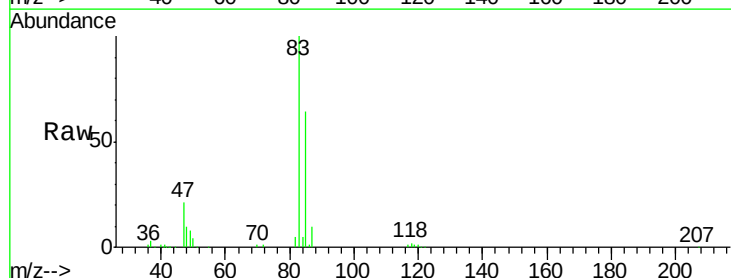
Manual Integrations
APPROVED

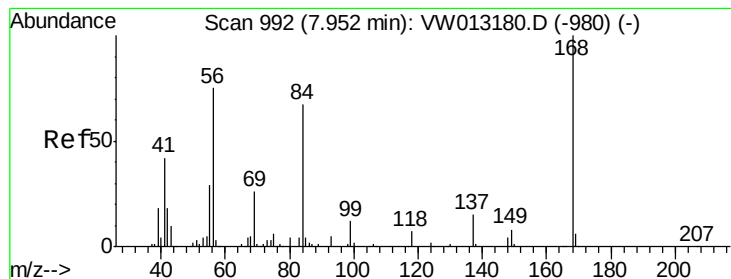
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#30
Chloroform
Concen: 19.299 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.3	78.5





#31

Cyclohexane

Concen: 19.891 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

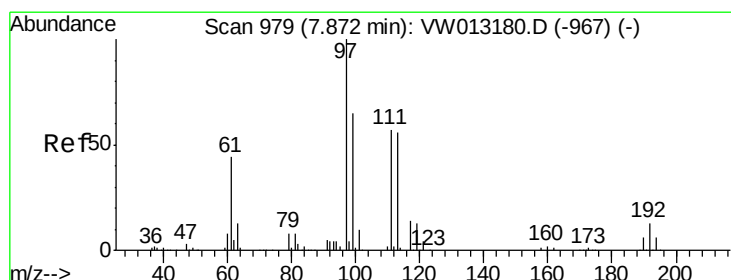
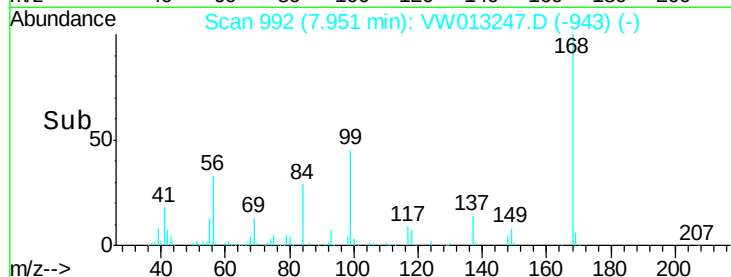
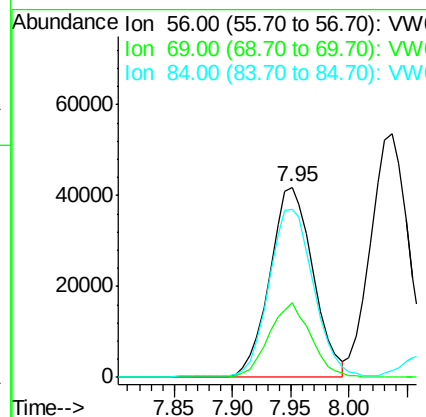
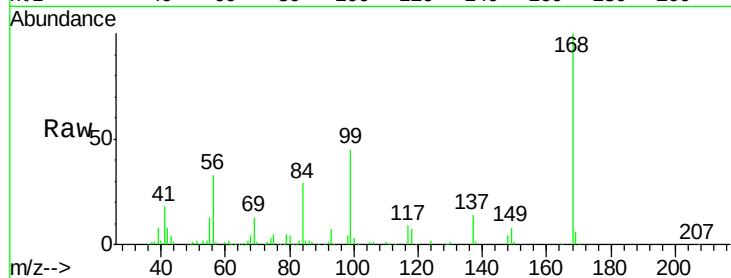
ClientSampleId :

VW0923SBS02

Tot Ion:	56	Resp:	108311
Ion Ratio	Lower	Upper	
56	100		
69	39.5	27.2	40.8
84	87.4	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.169 ug/l

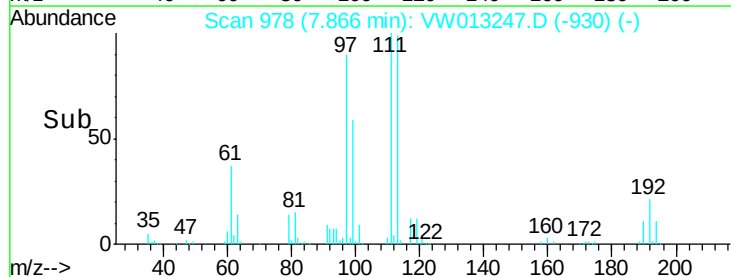
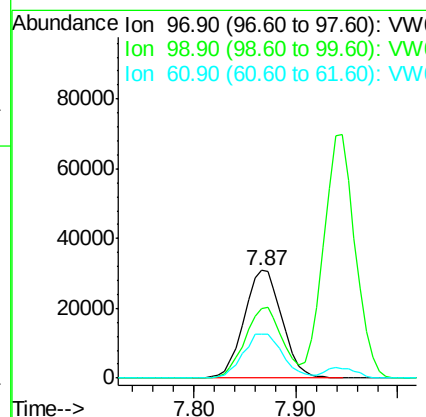
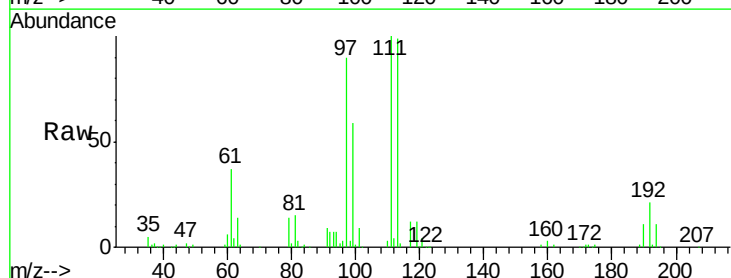
RT: 7.87 min Scan# 978

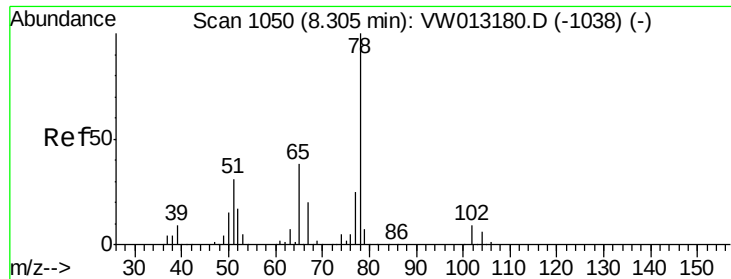
Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	97	Resp:	79400
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.7	77.5
61	42.7	34.6	51.8





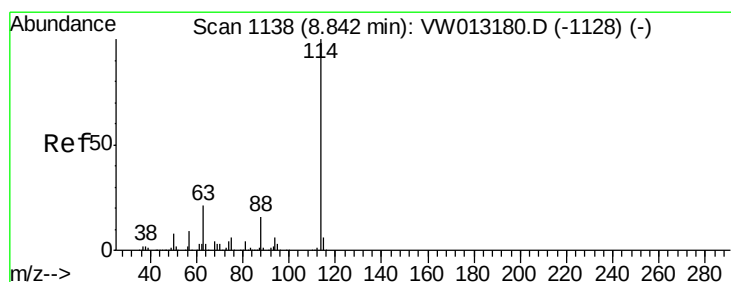
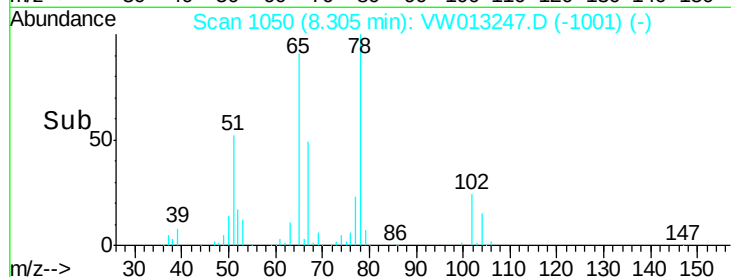
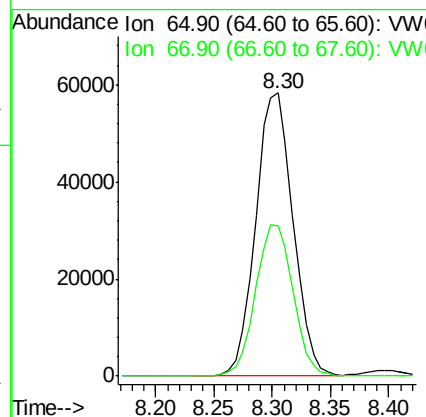
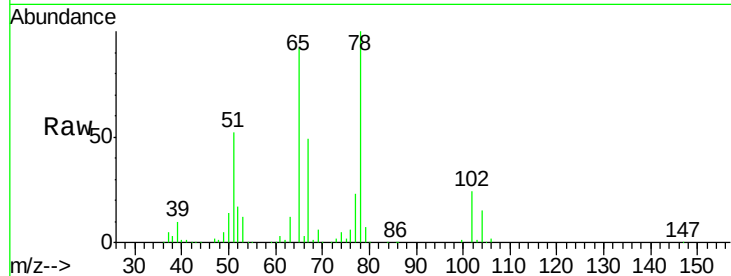
#33
 1,2-Dichloroethane-d4
 Concen: 51.632 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129706		
67	54.0	0.0	106.2	

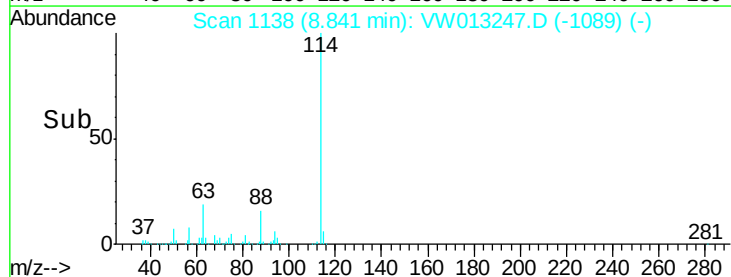
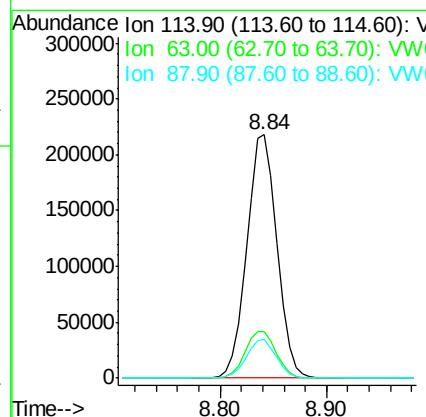
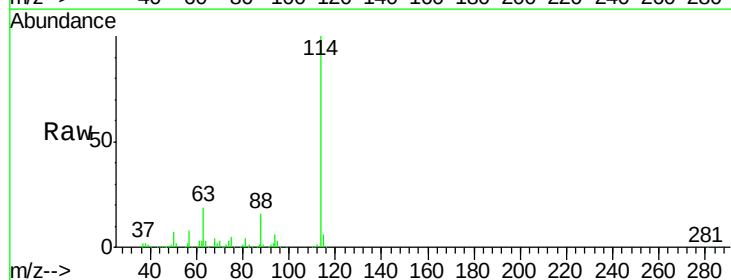
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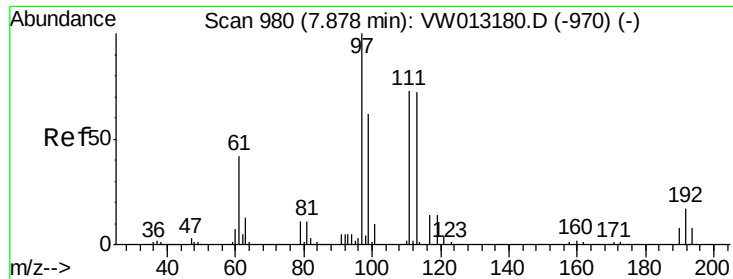
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	432540		
63	19.1	0.0	41.4	
88	15.8	0.0	32.0	





#35

Dibromofluoromethane

Concen: 52.651 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

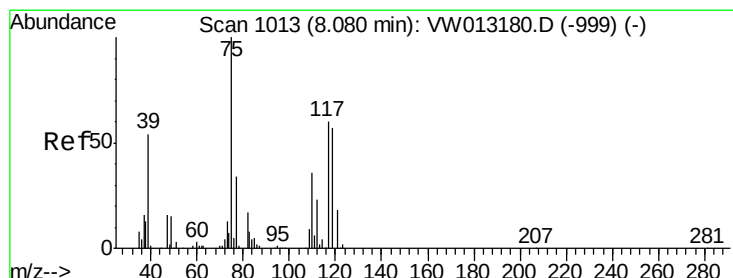
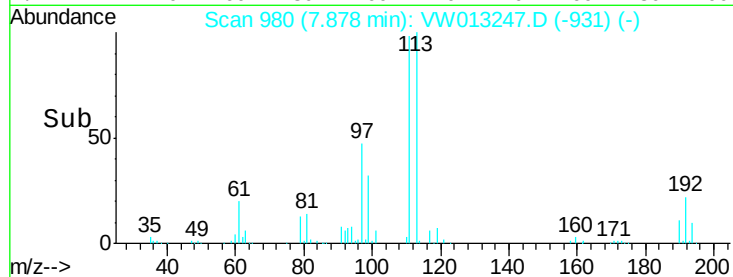
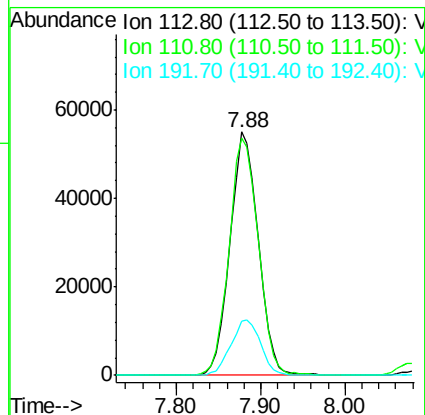
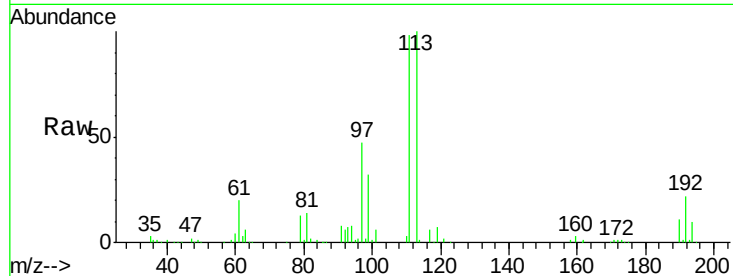
ClientSampleId :

VW0923SBS02

Tot Ion:	113	Resp:	125256
Ion Ratio	Lower	Upper	
113	100		
111	100.9	81.9	122.9
192	23.8	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.230 ug/l

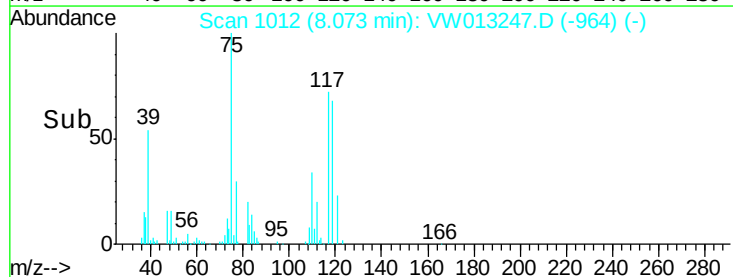
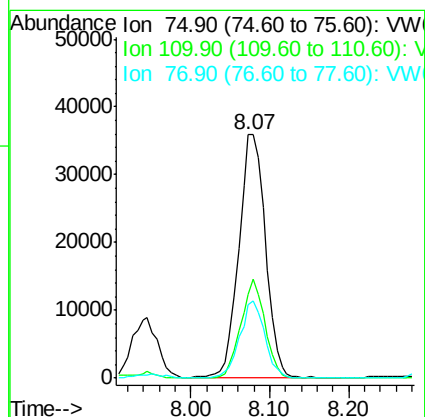
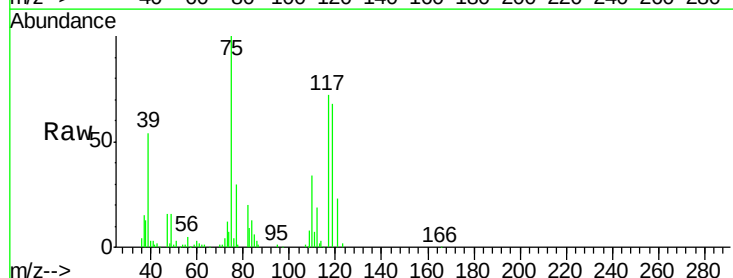
RT: 8.07 min Scan# 1012

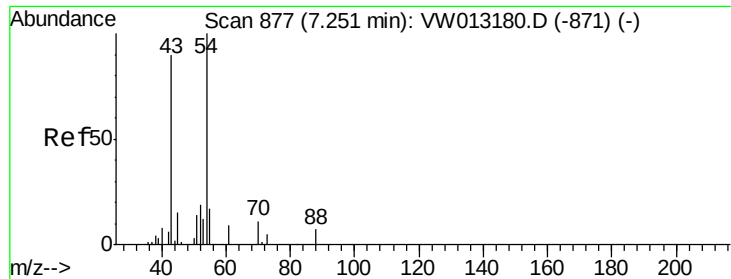
Delta R.T. -0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	75	Resp:	84754
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.3
77	29.8	25.8	38.6





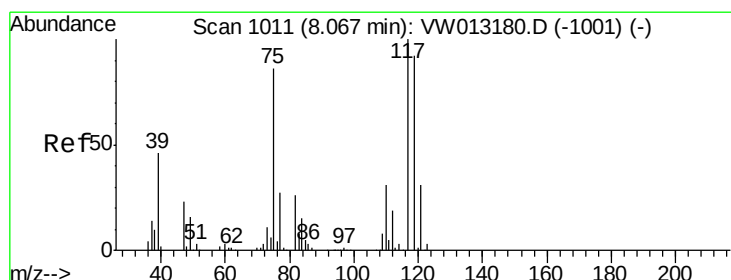
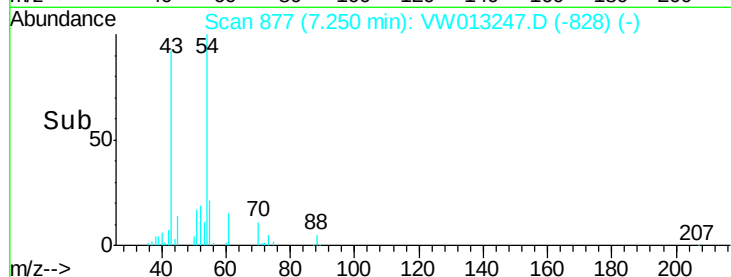
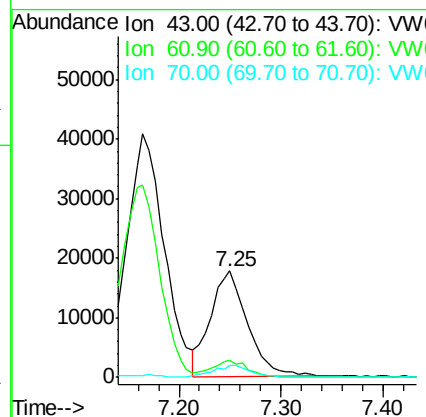
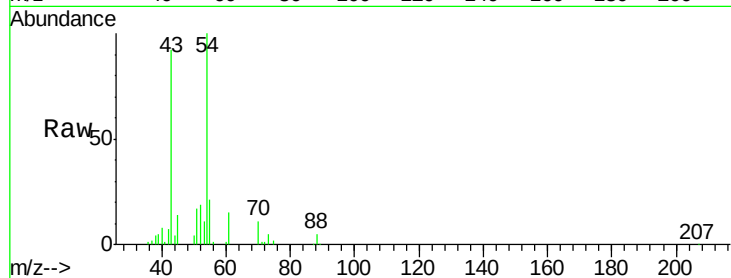
#37
Ethyl Acetate
Concen: 25.463 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.9	16.3
70	11.0	8.2	12.2

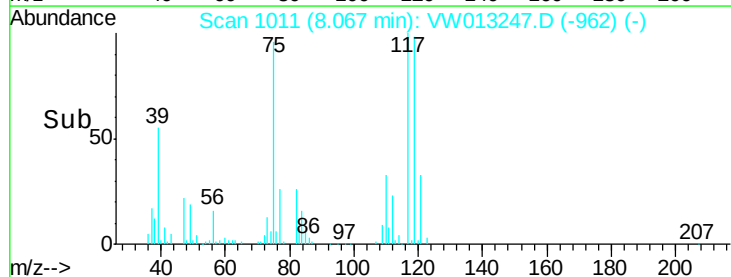
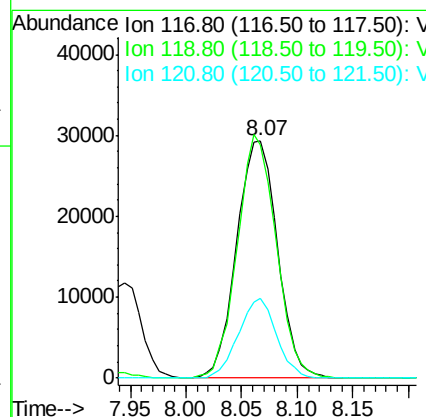
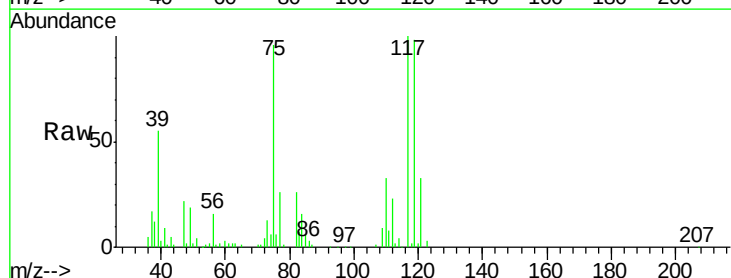
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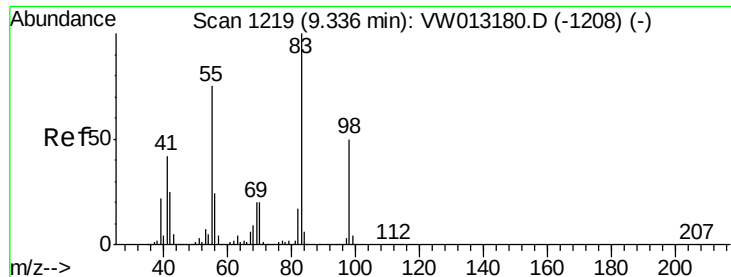
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#38
Carbon Tetrachloride
Concen: 19.879 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	73.5	110.3
121	33.3	25.0	37.6





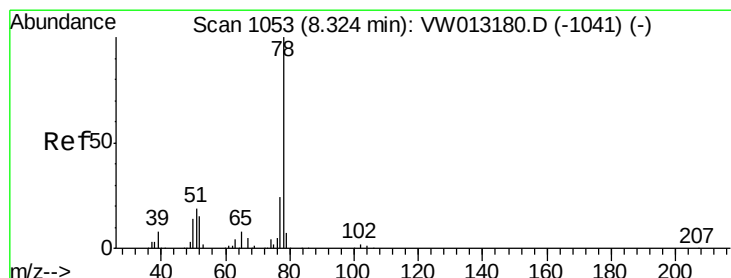
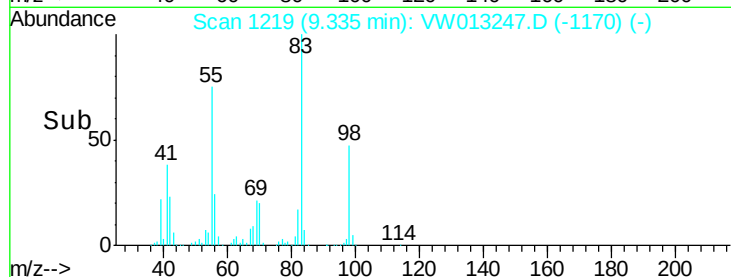
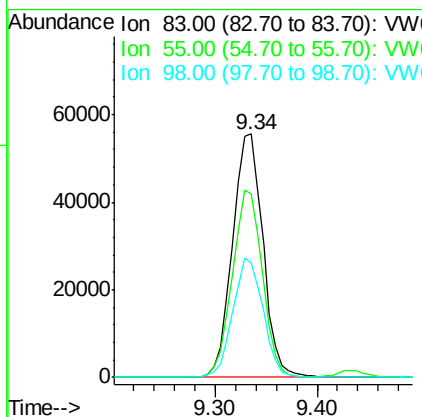
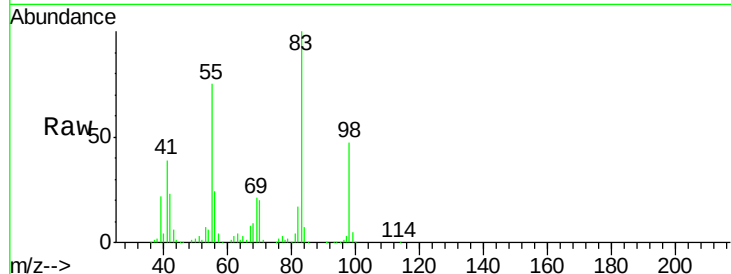
#39
Methylvlcyclohexane
Concen: 21.237 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	83	Resp	114337
Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.4	90.6
98	47.0	40.0	60.0

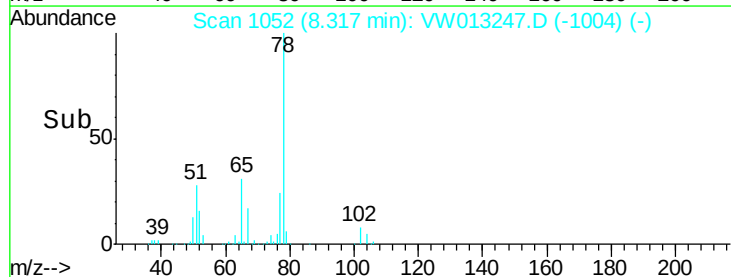
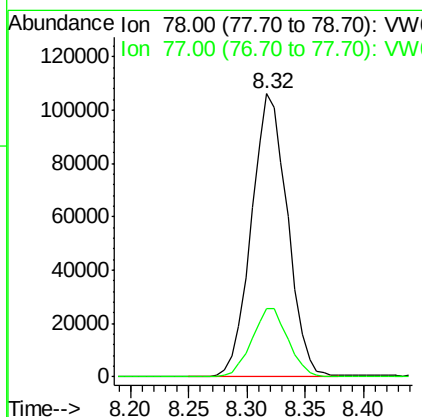
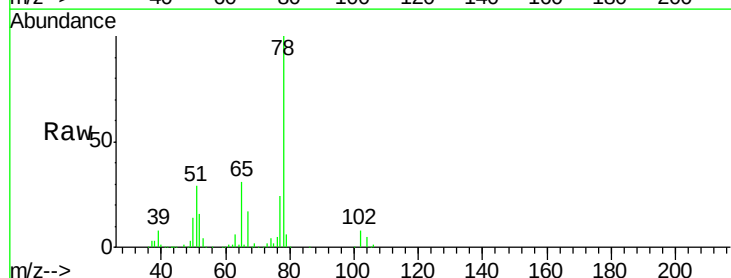
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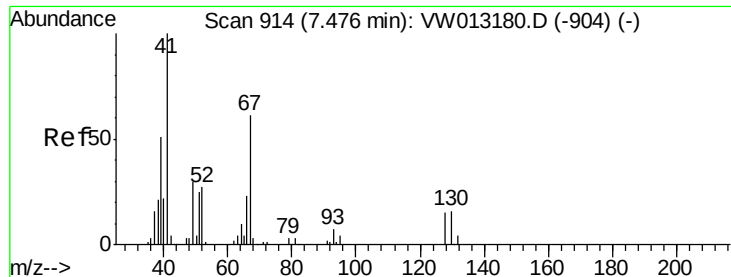
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#40
Benzene
Concen: 19.635 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	78	Resp	229443
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





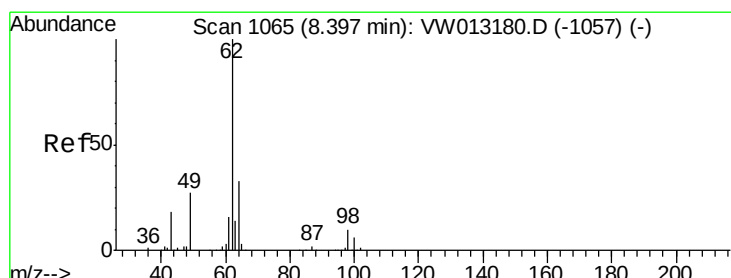
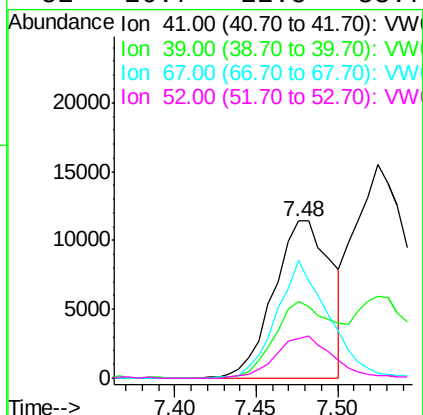
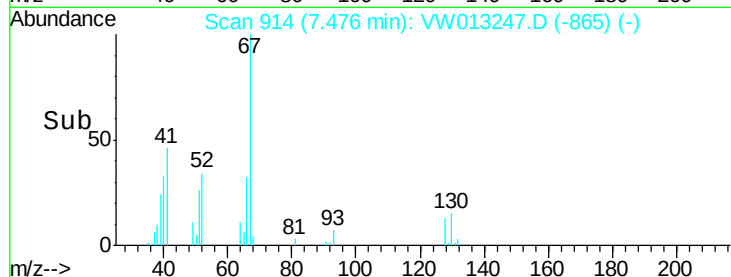
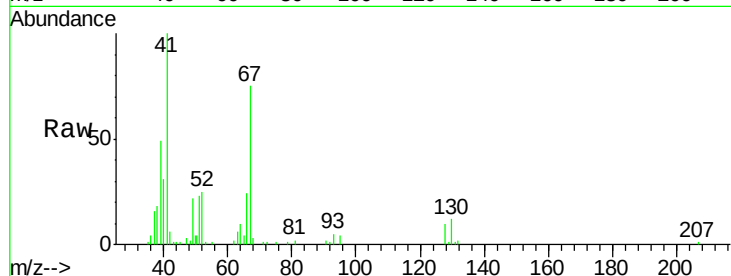
#41
Methacrylonitrile
Concen: 26.360 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion:	41	Resp:	28012
Ion	Ratio	Lower	Upper
41	100		
39	52.9	45.9	68.9
67	68.7	54.5	81.7
52	26.7	22.5	33.7

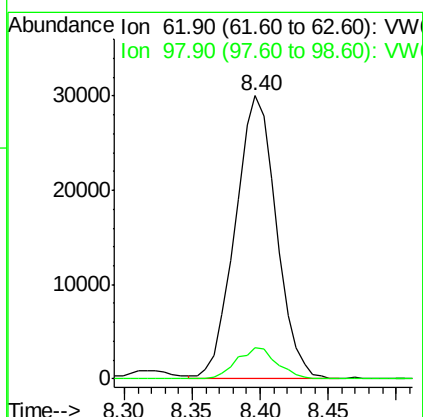
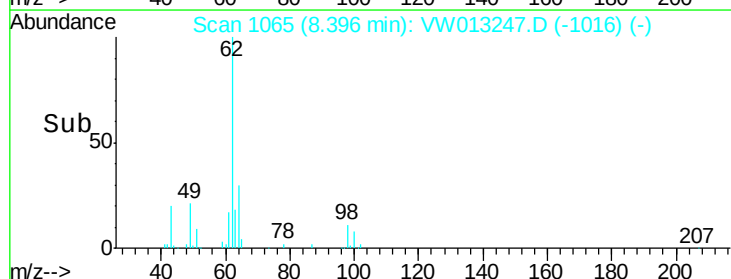
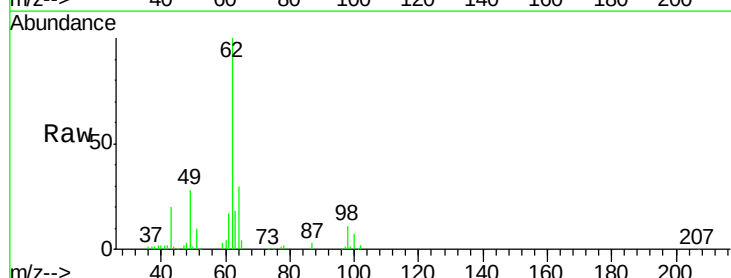
Manual Integrations
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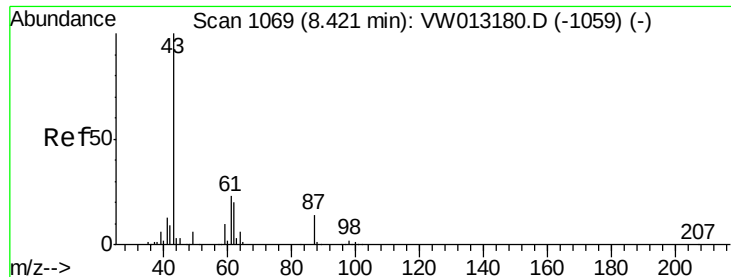
MMDadoda
9/25/2019 12:36:16 AM



#42
1,2-Dichloroethane
Concen: 20.160 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion:	62	Resp:	63329
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6





#43

Isopropyl Acetate

Concen: 23.615 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

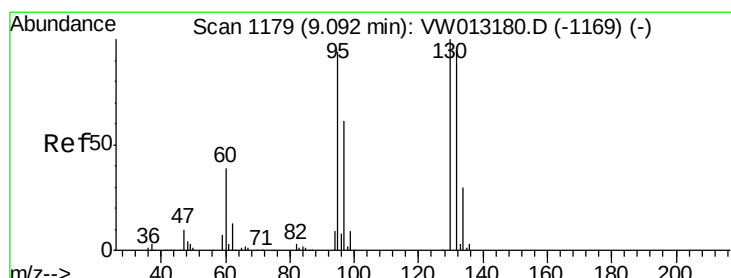
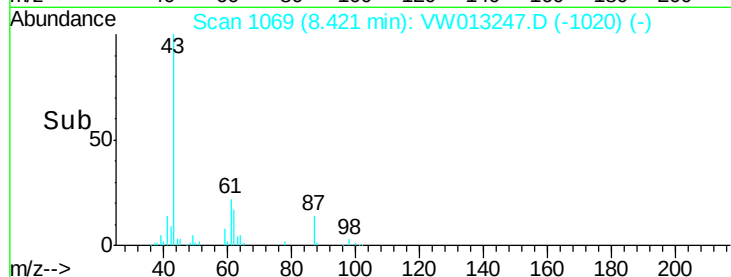
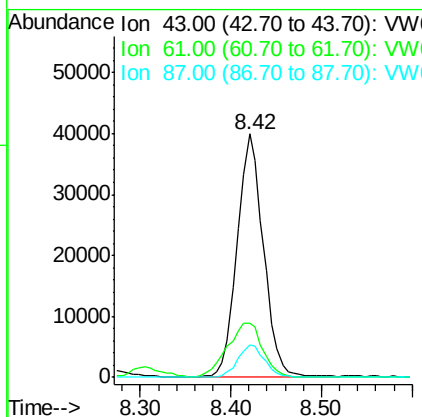
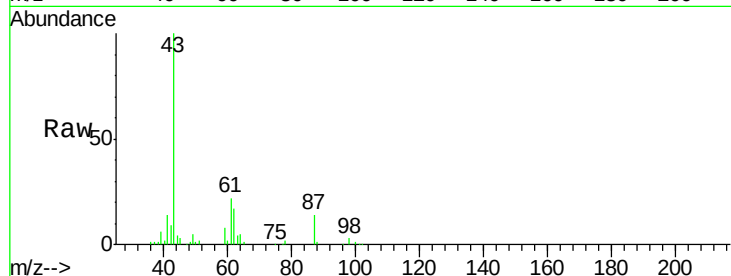
ClientSampleId :

VW0923SBS02

Tot Ion:	43	Resp:	80587
Ion	Ratio	Lower	Upper
43	100		
61	30.2	25.5	38.3
87	13.5	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.571 ug/l

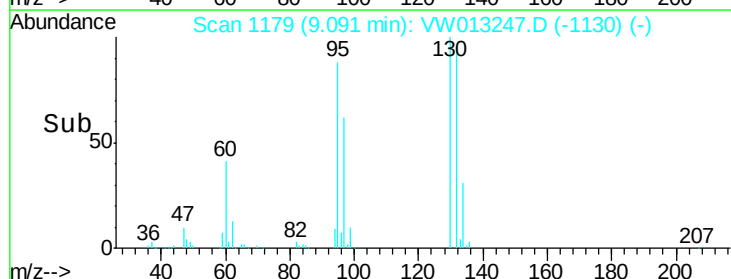
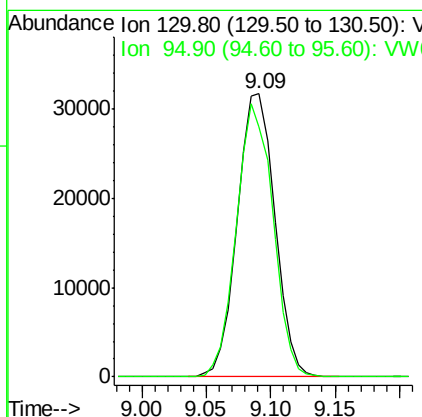
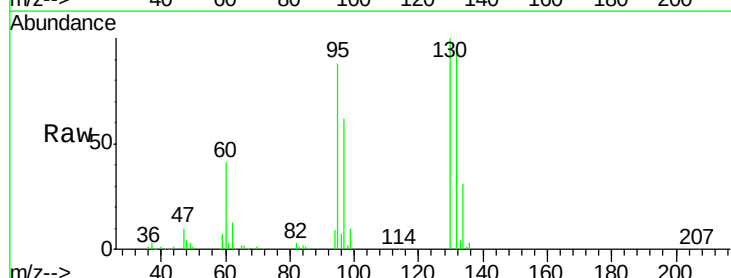
RT: 9.09 min Scan# 1179

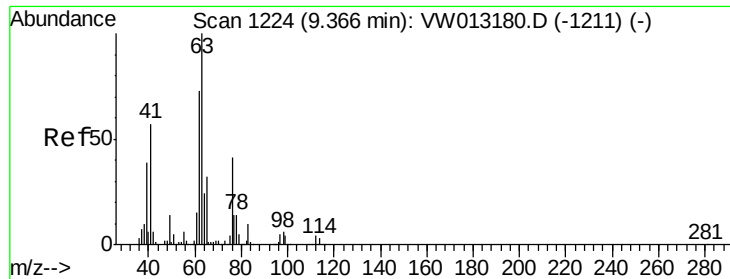
Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	130	Resp:	64166
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	188.0





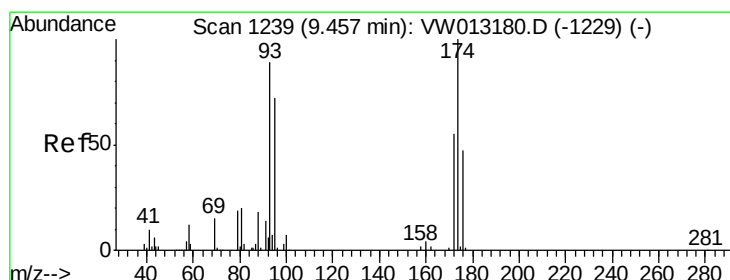
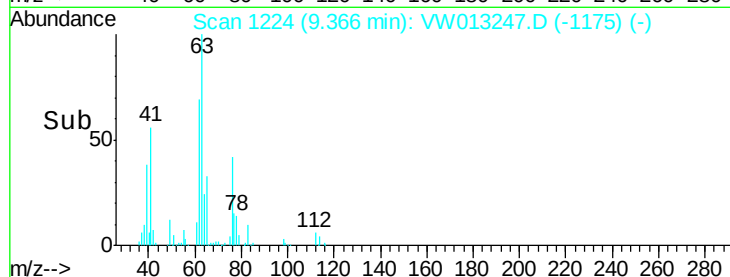
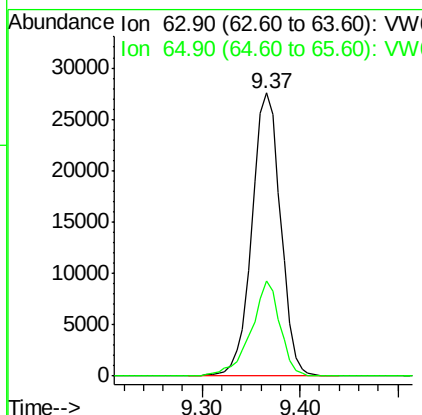
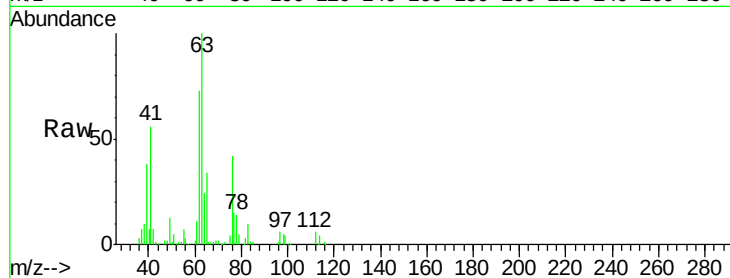
#45
 1,2-Dichloropropane
 Concen: 19.802 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.6	25.3	37.9

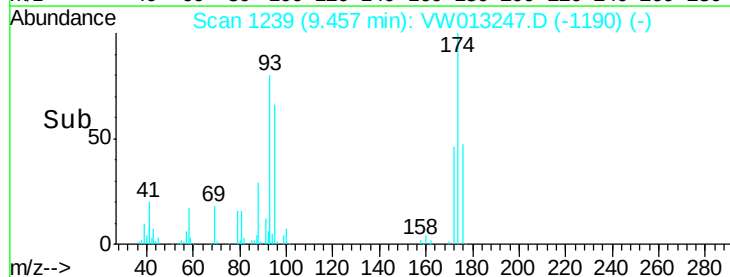
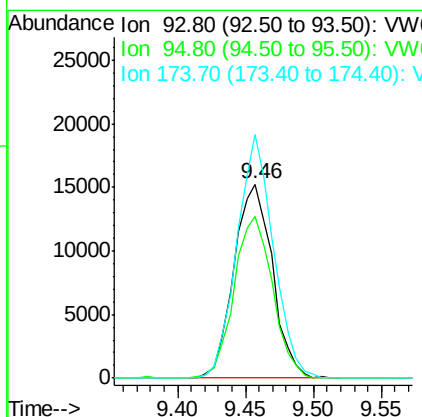
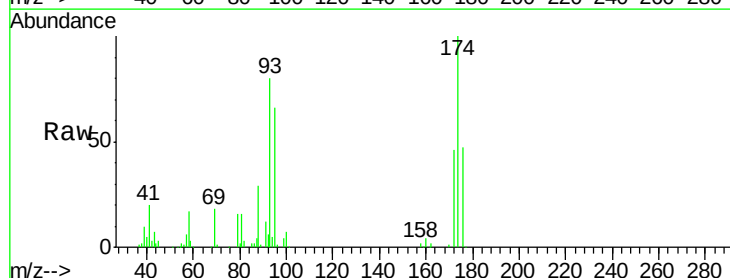
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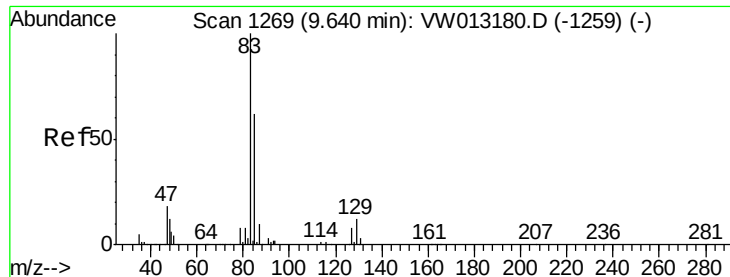
MMDadoda
 9/25/2019 12:36:16 AM



#46
 Dibromomethane
 Concen: 21.723 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.4	99.6
174	119.2	93.0	139.6





#47

Bromodichloromethane

Concen: 19.429 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

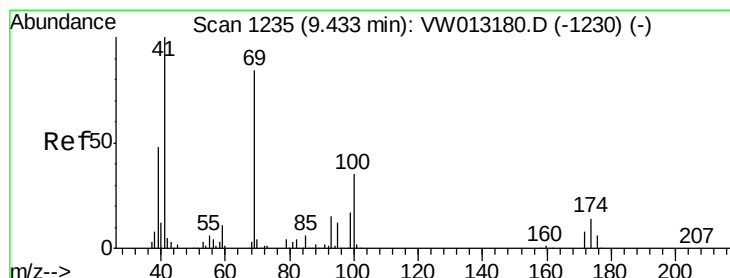
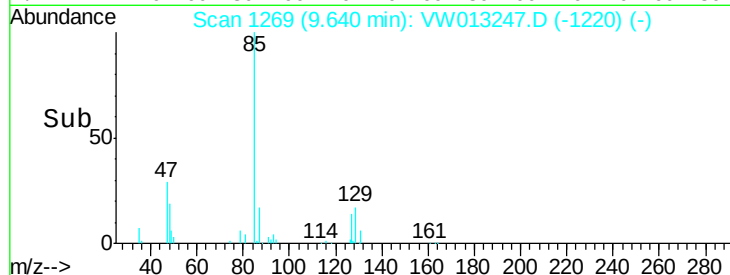
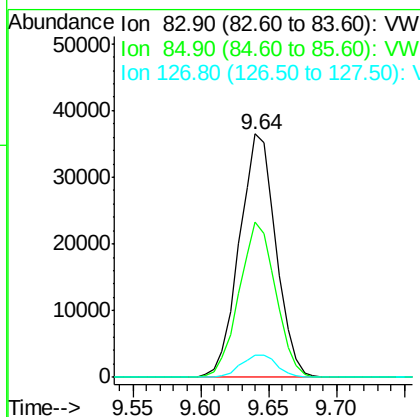
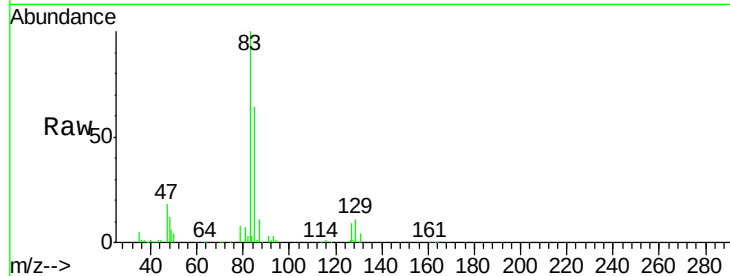
ClientSampleId :

VW0923SBS02

Tot Ion:	83	Resp:	68476
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.4	74.2
127	9.2	6.5	9.7

Manual Integrations
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9/25/2019 12:36:16 AM



#48

Methyl methacrylate

Concen: 23.061 ug/l

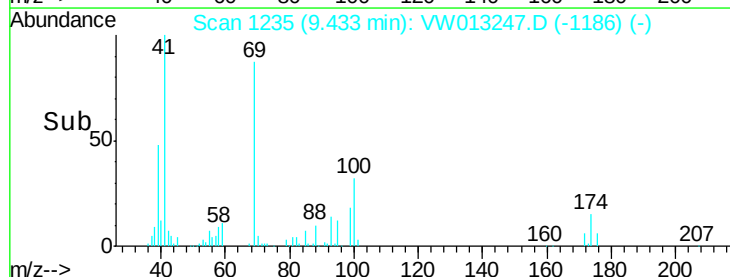
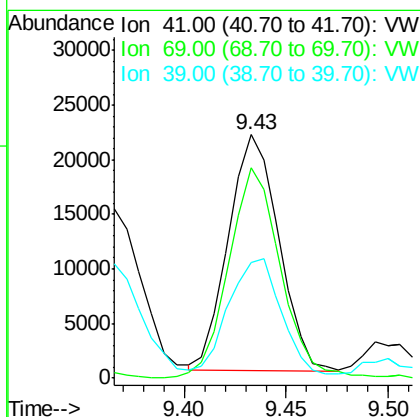
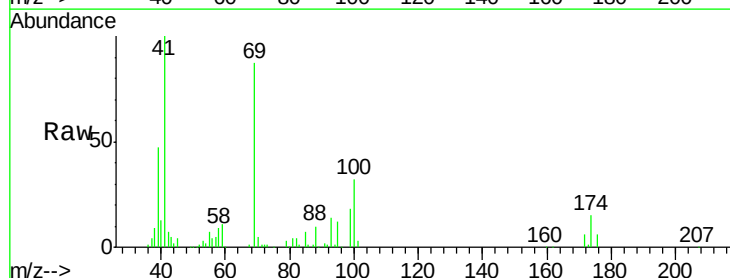
RT: 9.43 min Scan# 1235

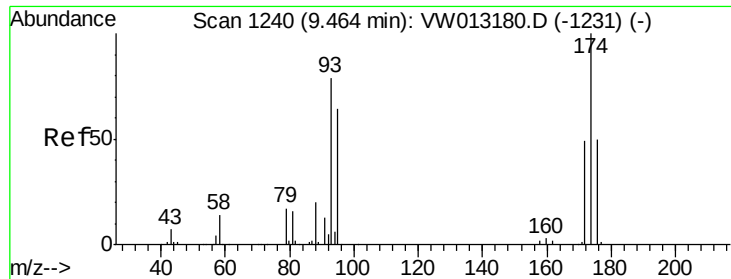
Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	41	Resp:	37005
Ion	Ratio	Lower	Upper
41	100		
69	92.1	69.7	104.5
39	50.5	41.1	61.7





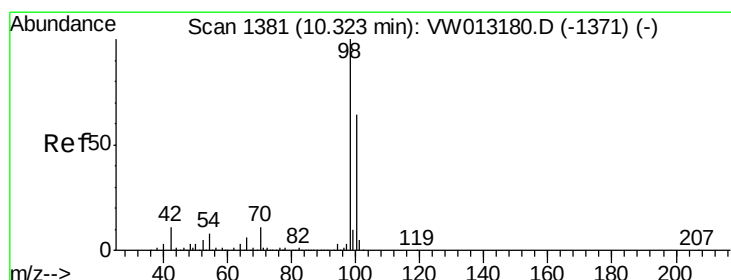
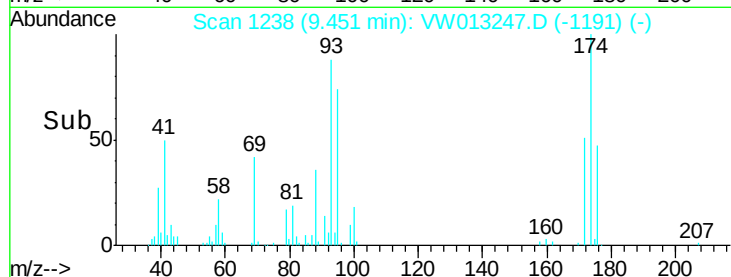
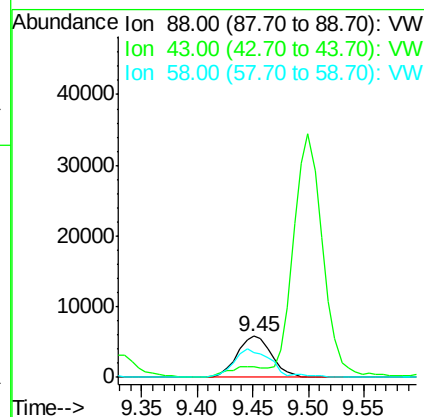
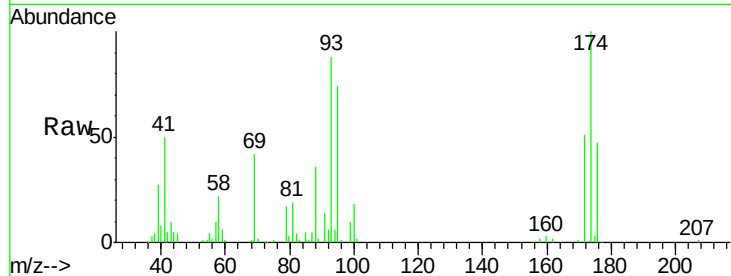
#49
1,4-Dioxane
Concen: 605.205 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	88	Resp	12583
Ion	Ratio	Lower	Upper
88	100		
43	27.2	0.0	0.0#
58	75.3	65.4	98.0

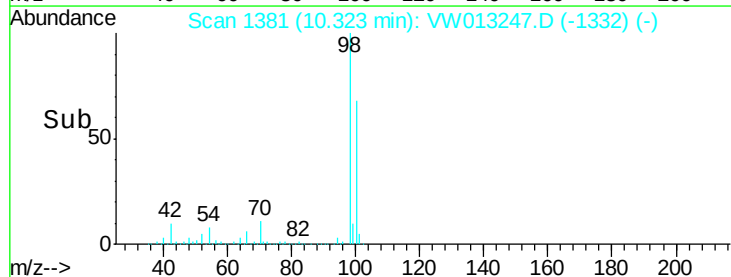
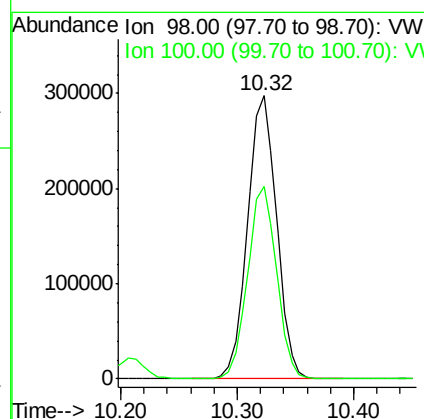
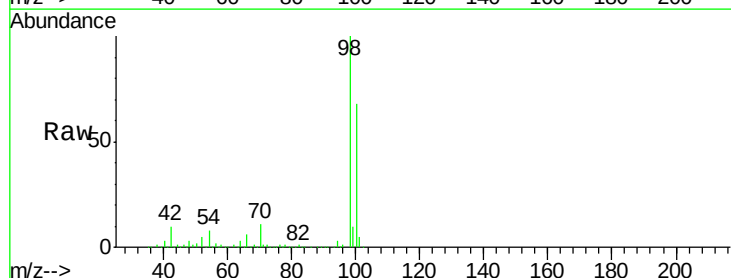
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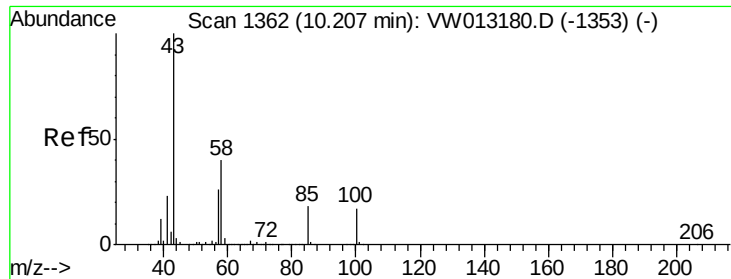
MMDadoda
9/25/2019 12:36:16 AM



#50
Toluene-d8
Concen: 52.179 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	98	Resp	519506
Ion	Ratio	Lower	Upper
98	100		
100	67.5	52.9	79.3





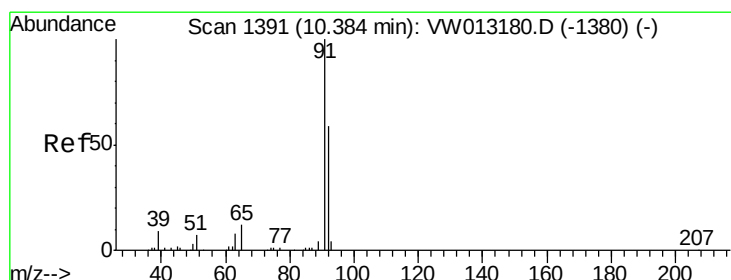
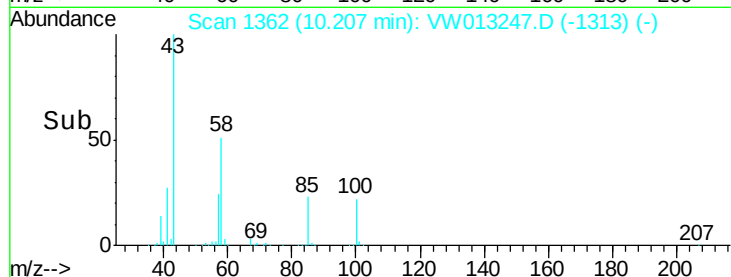
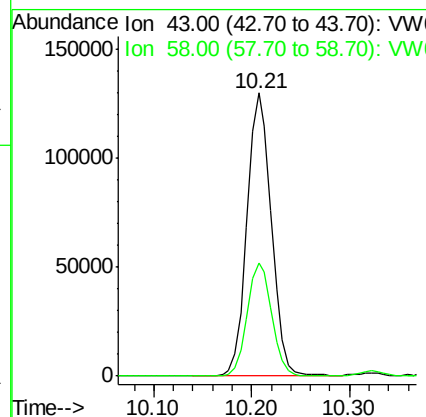
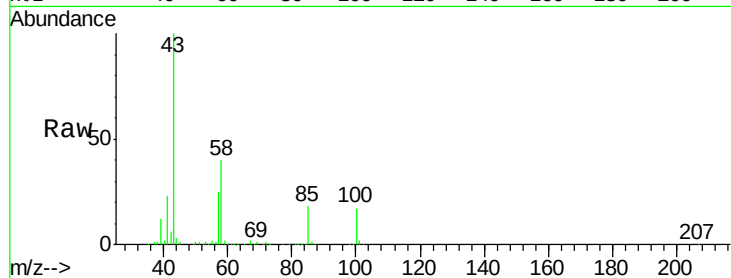
#51
 4-Methyl-2-Pentanone
 Concen: 131.210 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.7	47.5

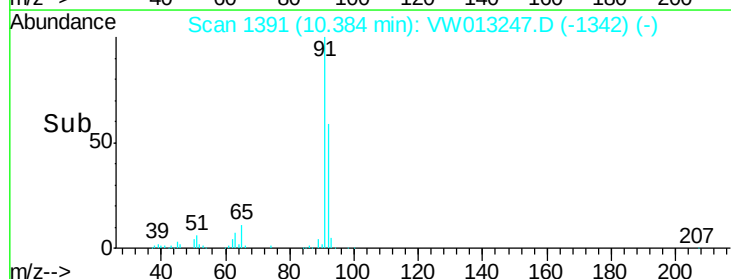
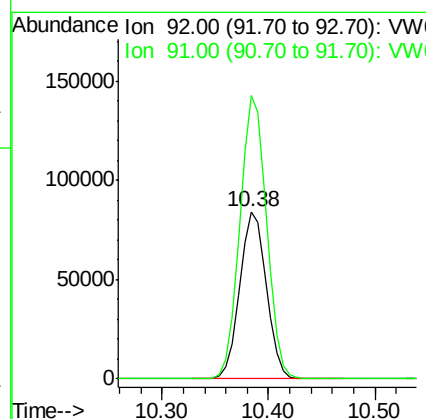
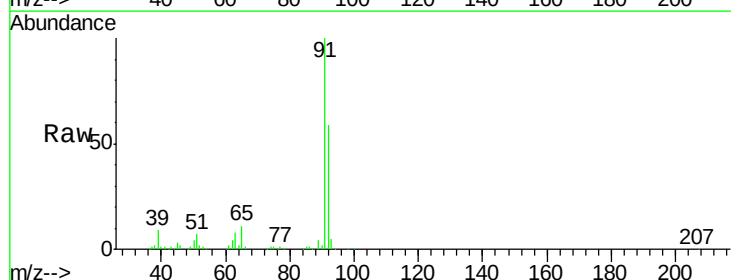
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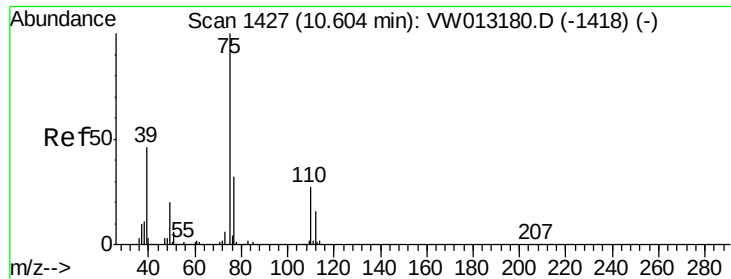
MMDadoda
 9/25/2019 12:36:16 AM



#52
 Toluene
 Concen: 19.801 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.1	135.7	203.5





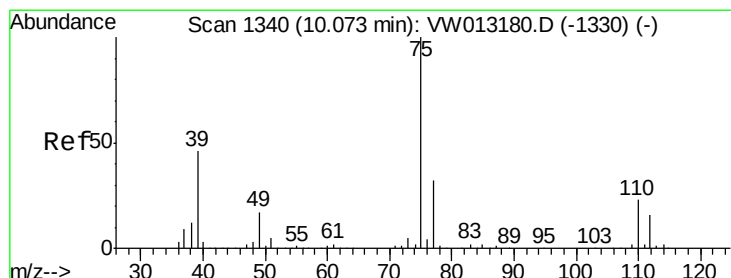
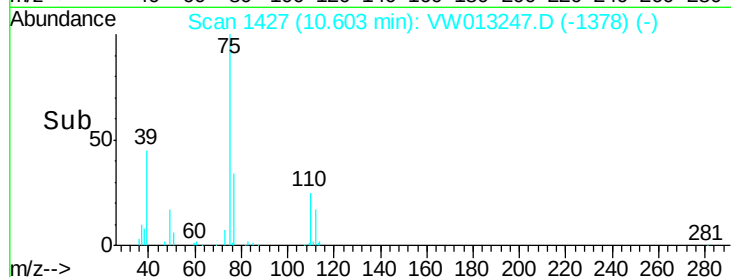
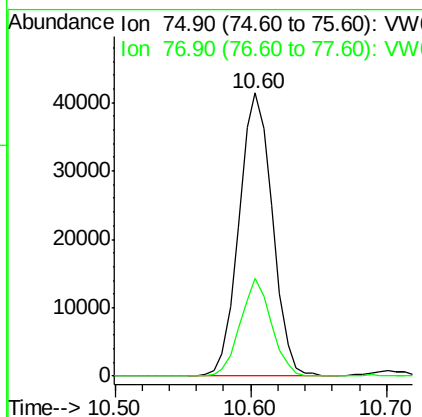
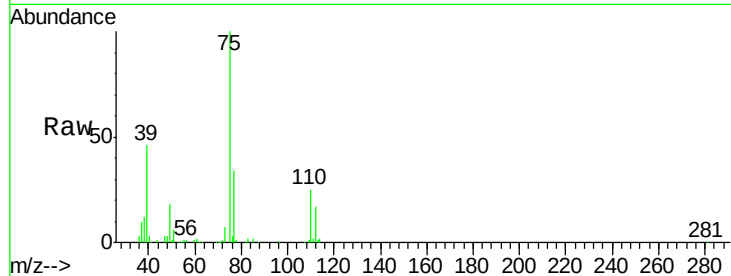
#53
t-1,3-Dichloropropene
Concen: 19.667 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.5	38.3

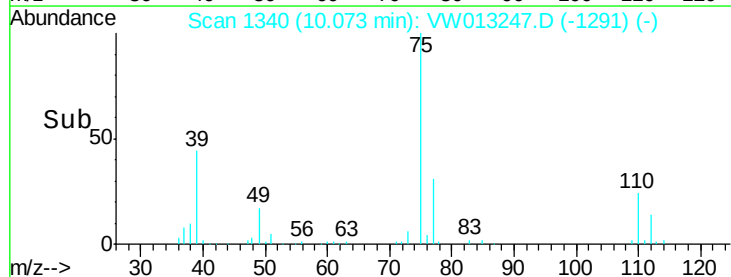
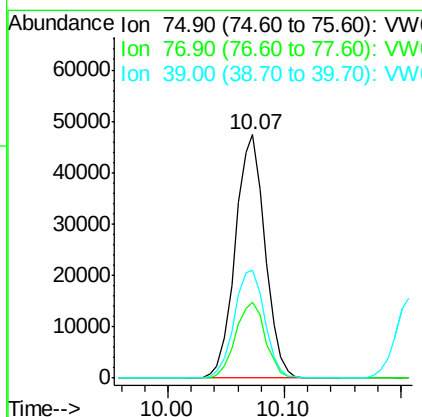
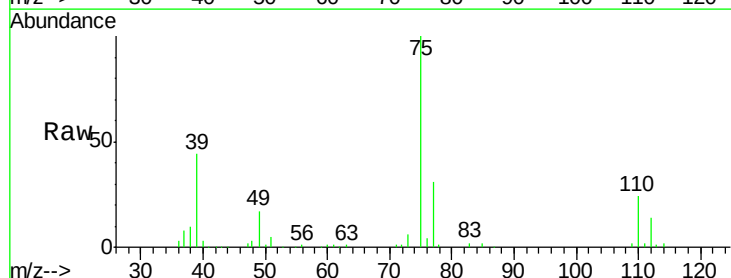
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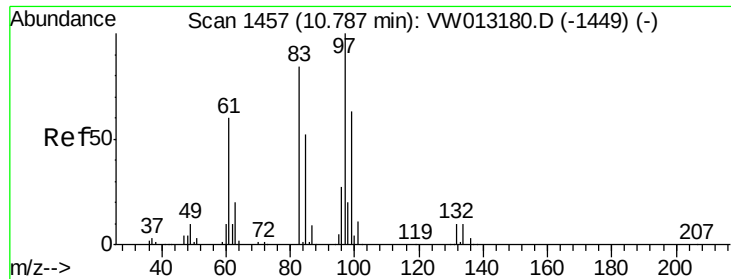
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.139 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8
39	44.3	36.6	55.0





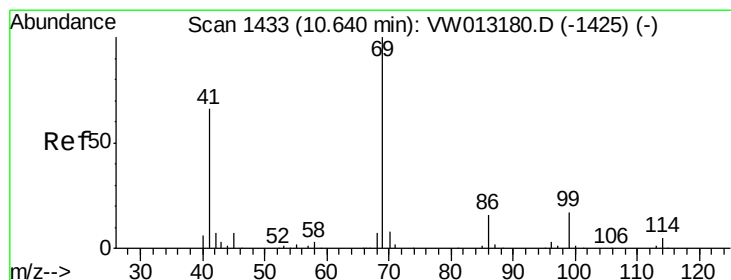
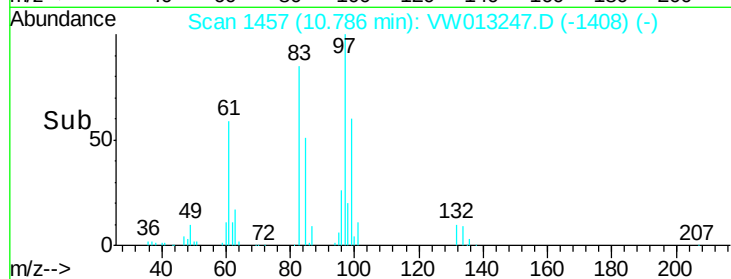
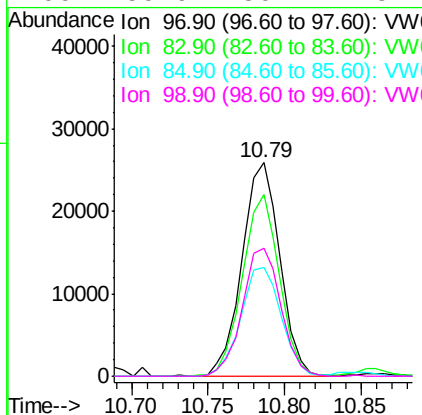
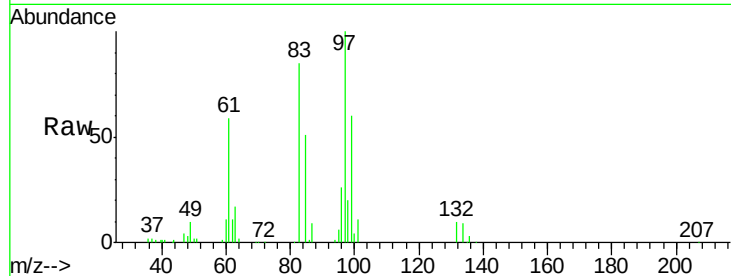
#55
 1,1,2-Trichloroethane
 Concen: 21.527 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion:	97	Resp:	44566
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.6	101.4
85	50.7	41.9	62.9
99	59.9	50.1	75.1

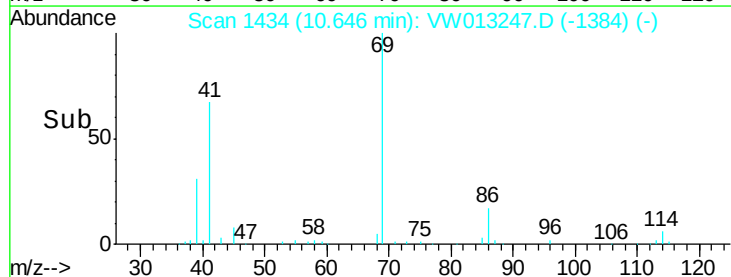
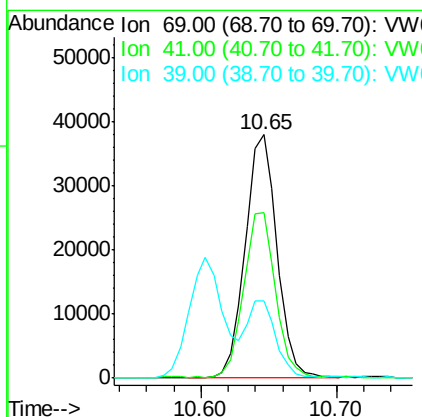
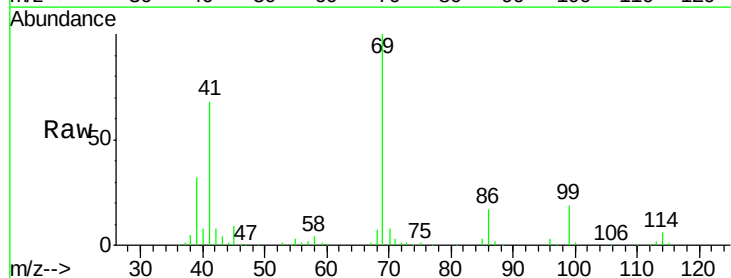
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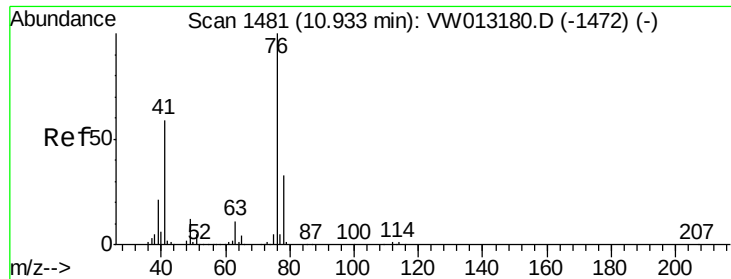
MMDadoda
 9/25/2019 12:36:16 AM



#56
 Ethyl methacrylate
 Concen: 22.970 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion:	69	Resp:	62237
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.9	80.9
39	28.2	23.8	35.6





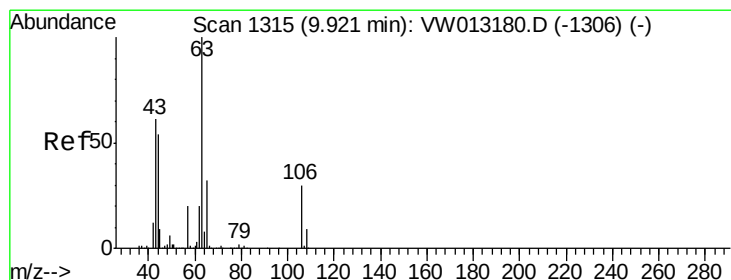
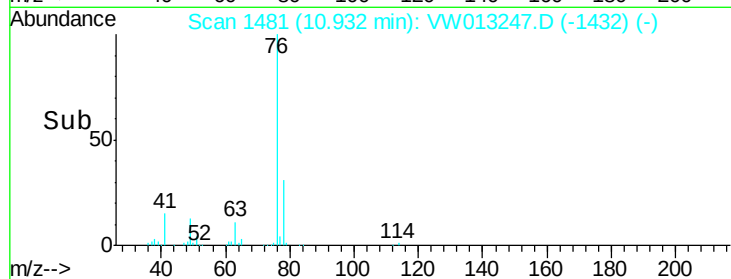
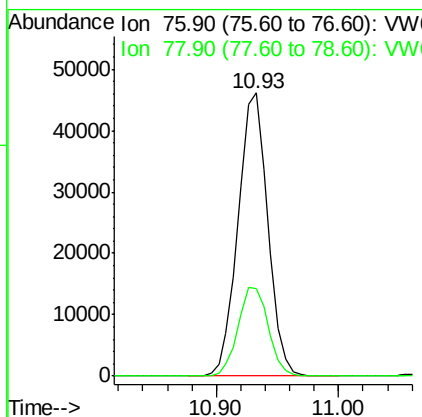
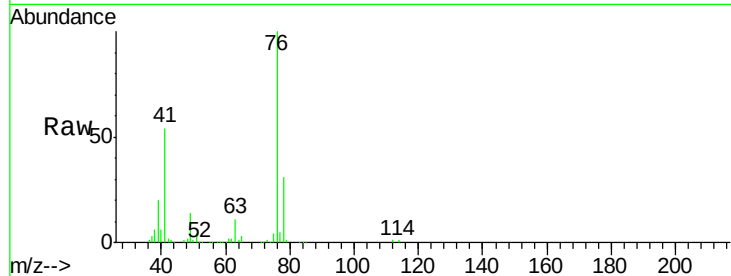
#57
 1,3-Dichloropropane
 Concen: 21.493 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion: 76 Resp: 77647
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3

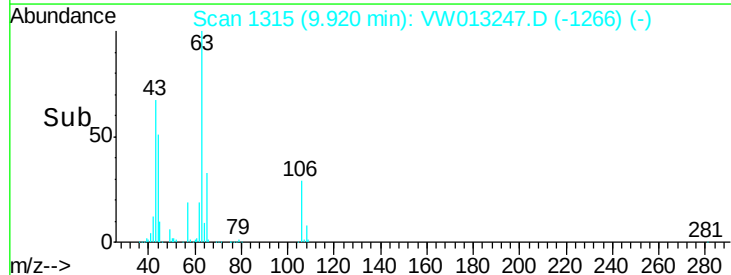
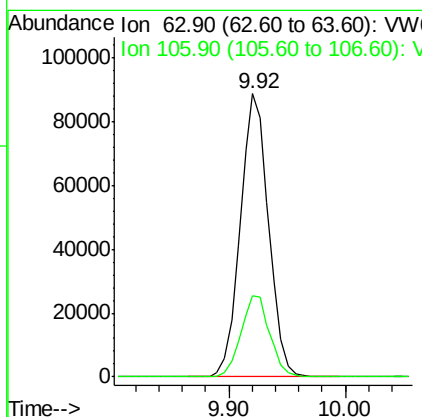
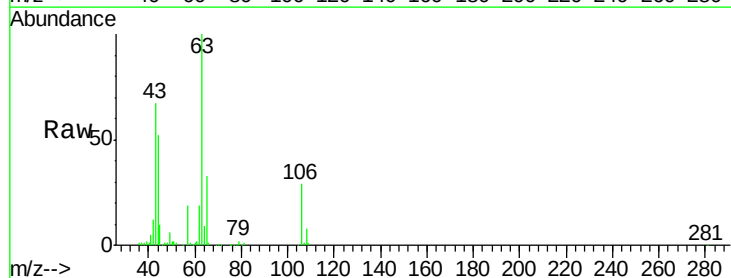
Manual Integrations
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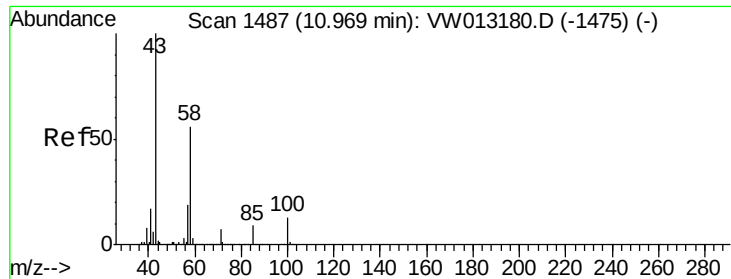
MMDadoda
 9/25/2019 12:36:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 119.565 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion: 63 Resp: 149973
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.4 35.0





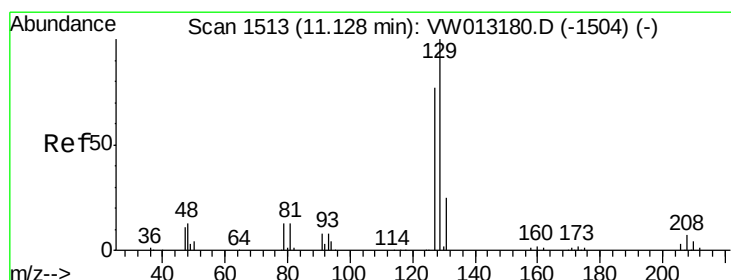
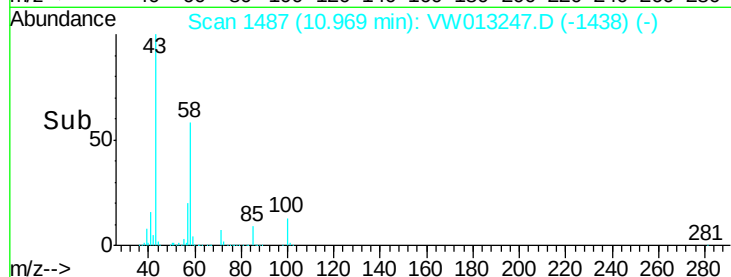
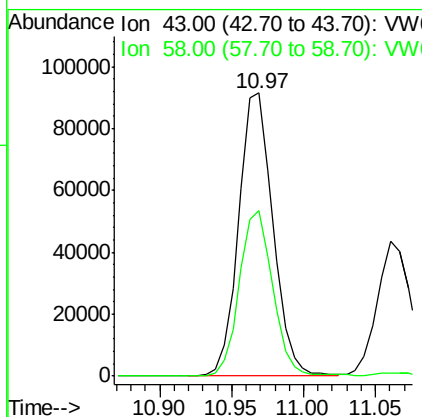
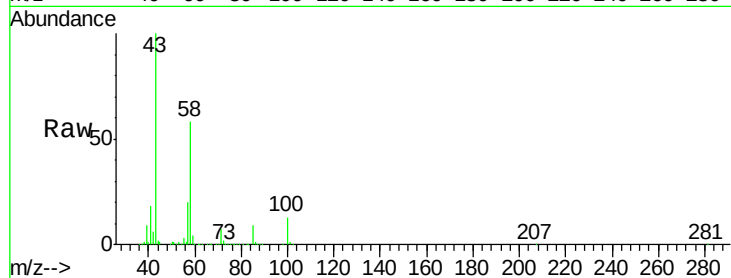
#59
2-Hexanone
Concen: 129.012 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion: 43 Resp: 151848
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.2

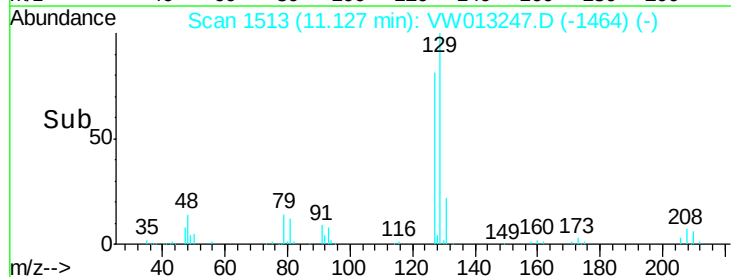
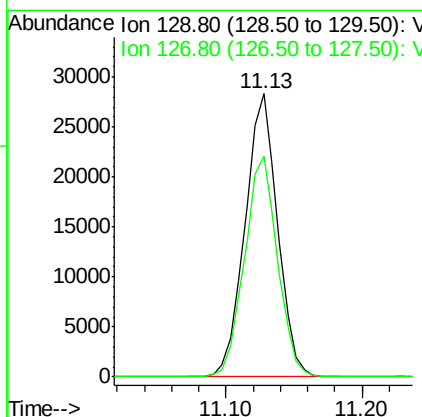
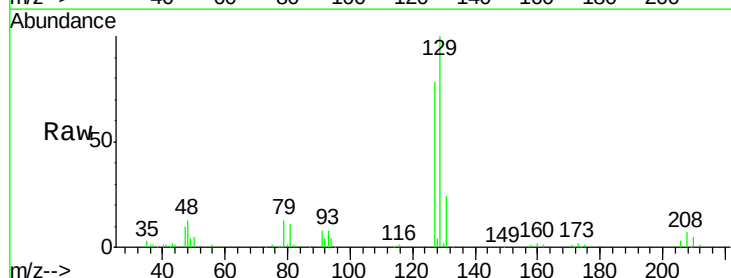
Manual Integrations
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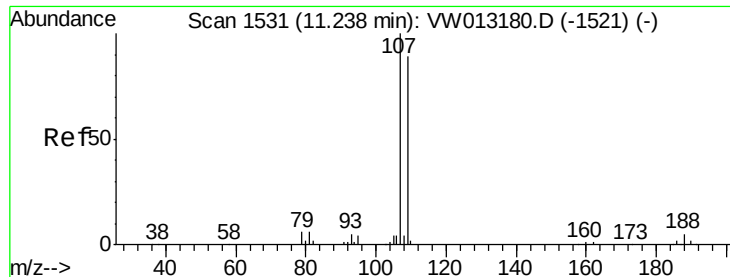
MMDadoda
9/25/2019 12:36:16 AM



#60
Dibromochloromethane
Concen: 20.178 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion: 129 Resp: 47434
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





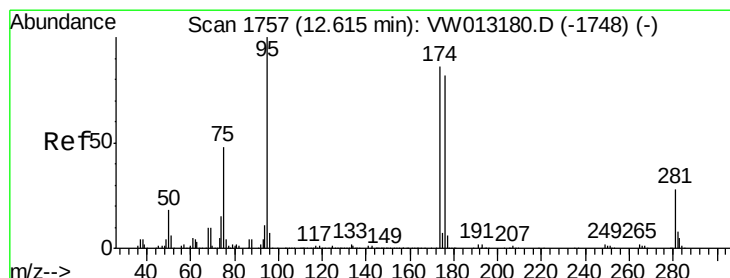
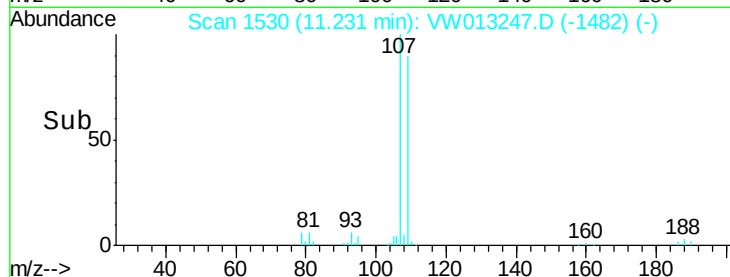
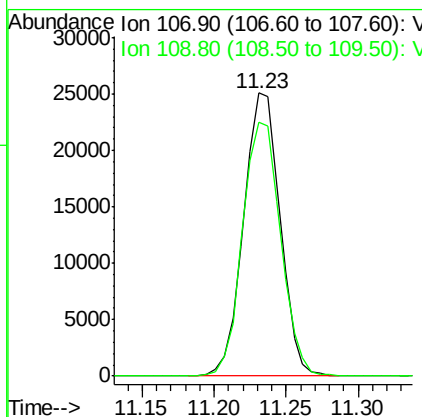
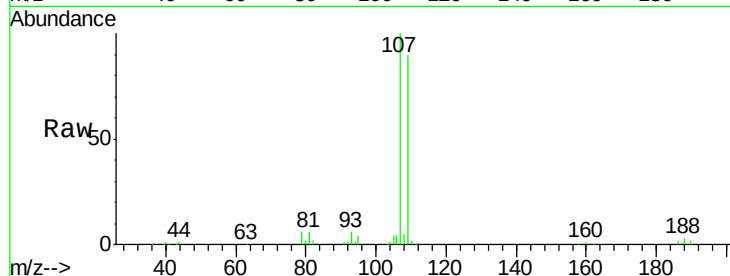
#61
 1,2-Dibromoethane
 Concen: 22.328 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.2	112.8

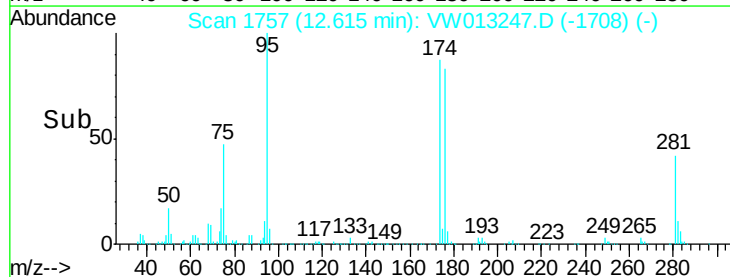
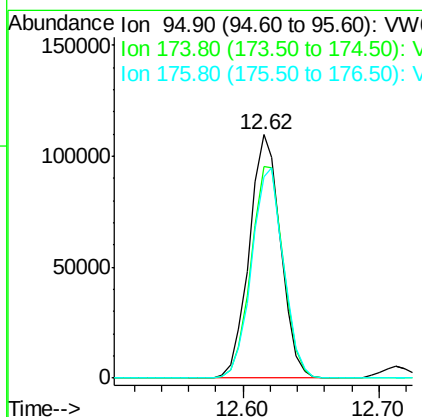
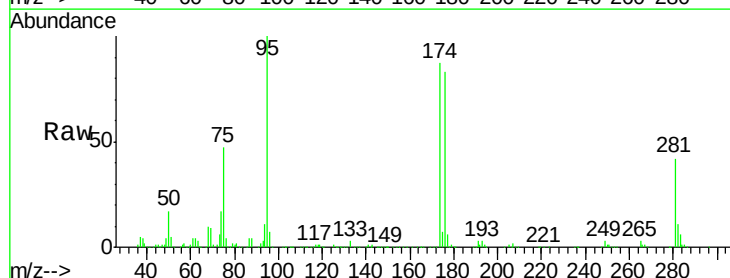
Manual Integrations
 APPROVED

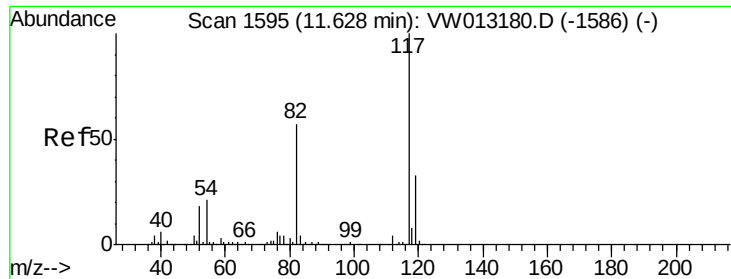
MMDadoda
 9/25/2019 12:36:16 AM



#62
 4-Bromofluorobenzene
 Concen: 52.248 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	178.4
176	87.5	0.0	172.2





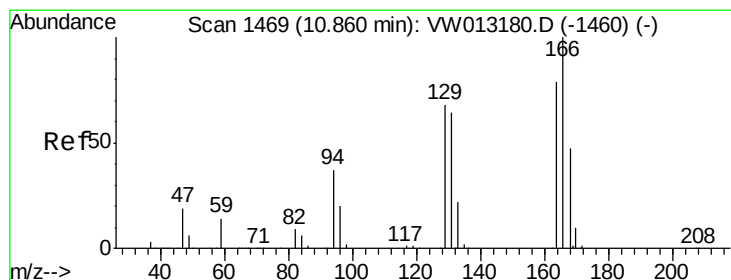
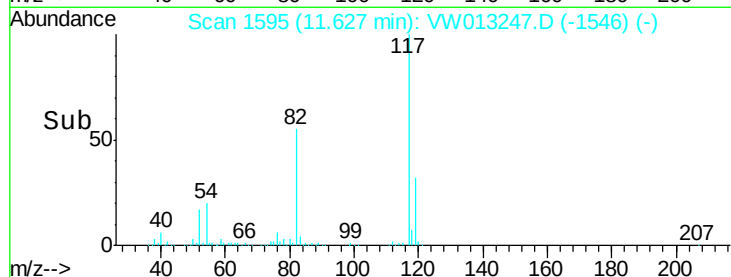
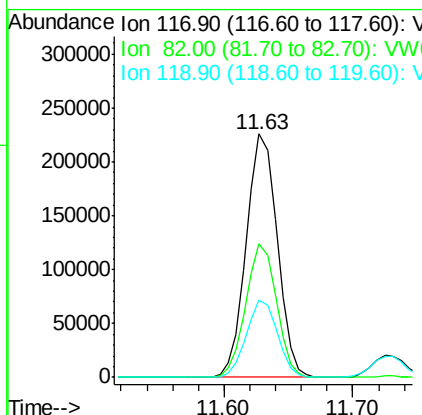
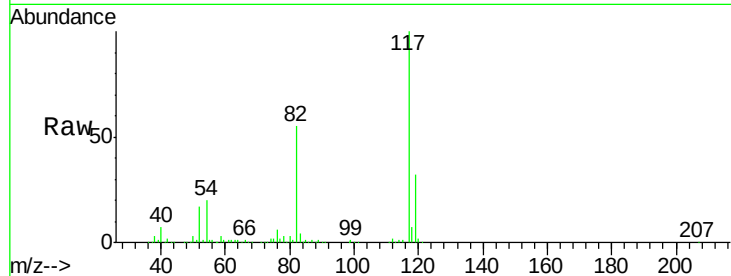
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	375380		
82	54.8		45.9	68.9
119	31.8		26.2	39.2

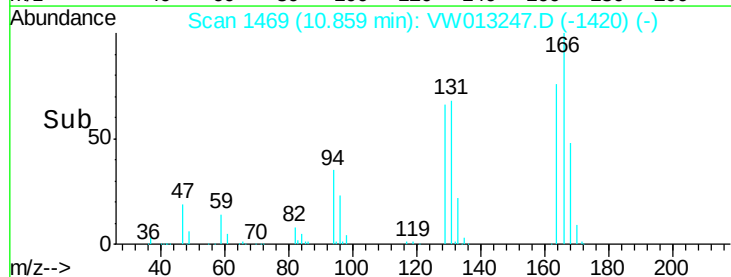
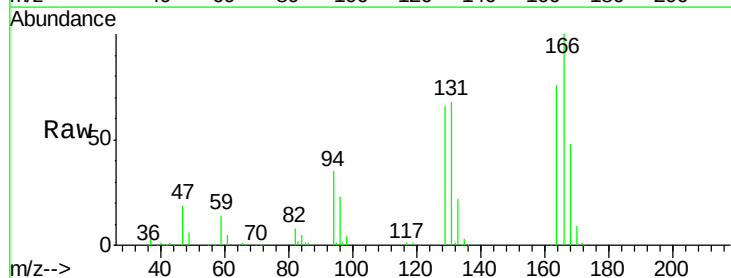
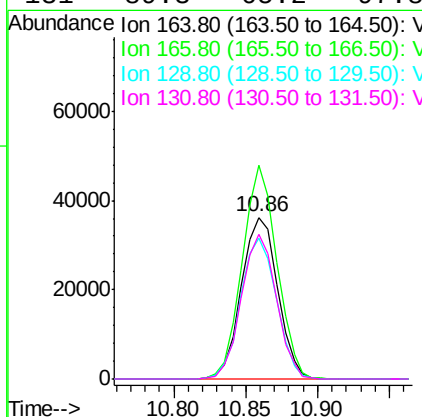
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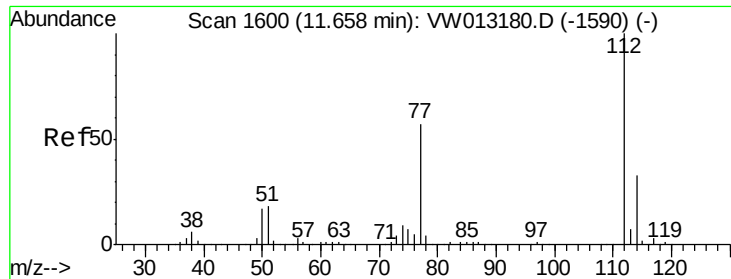
MMDadoda
9/25/2019 12:36:16 AM



#64
Tetrachloroethene
Concen: 22.216 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63275		
166	132.0		101.2	151.8
129	86.6		68.8	103.2
131	89.3		65.2	97.8





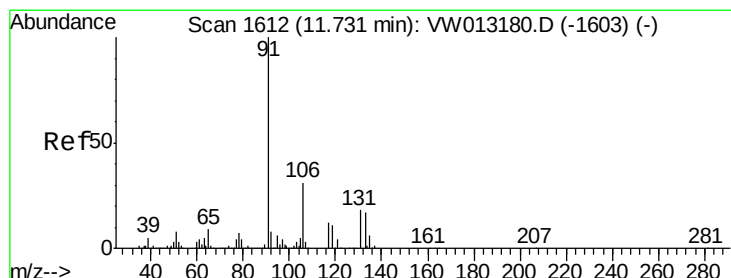
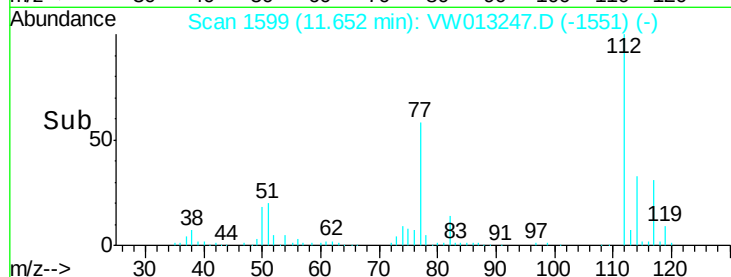
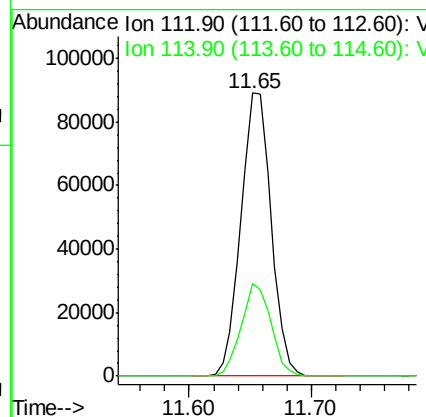
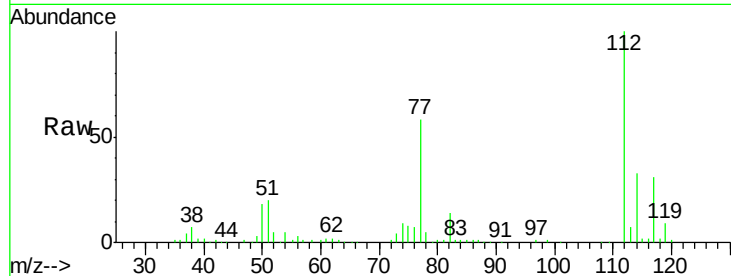
#65
Chlorobenzene
Concen: 19.467 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion:112 Resp: 152599
Ion Ratio Lower Upper
112 100
114 32.5 26.5 39.7

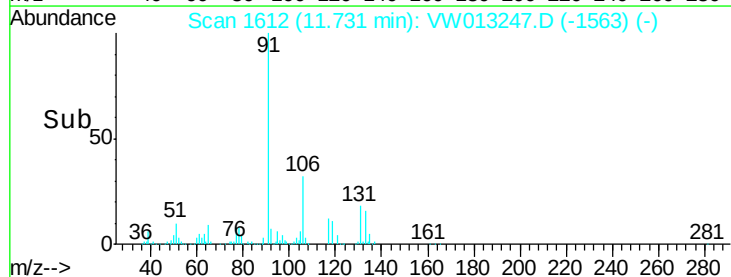
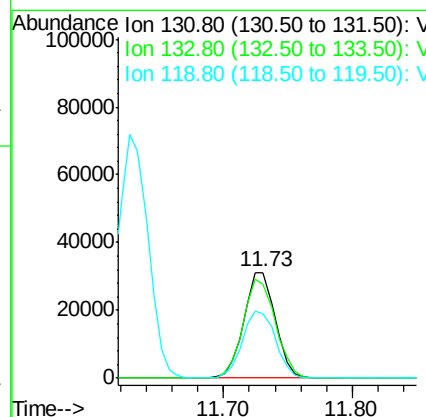
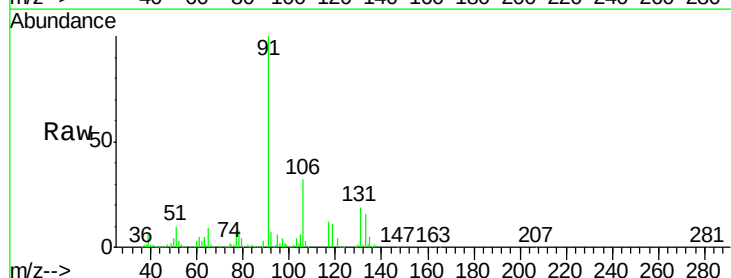
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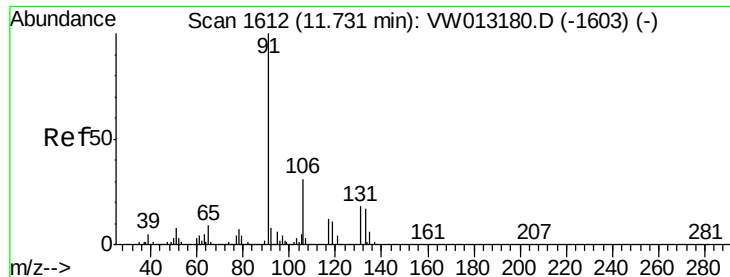
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.618 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion:131 Resp: 52537
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 66.8 32.5 97.5





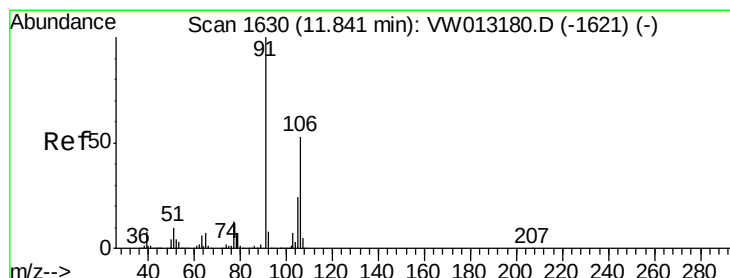
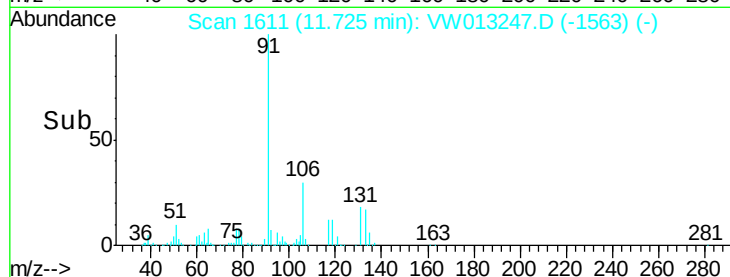
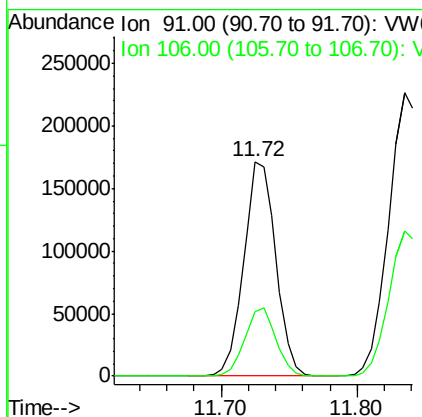
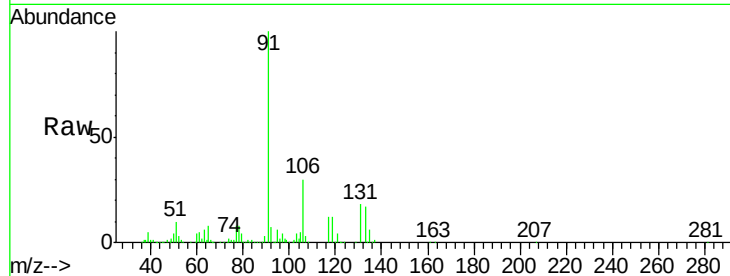
#67
Ethyl Benzene
Concen: 19.844 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion: 91 Resp: 281835
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

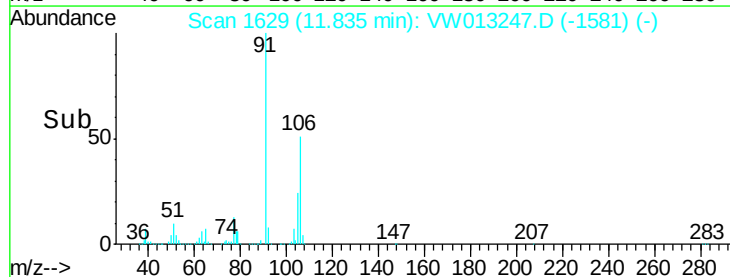
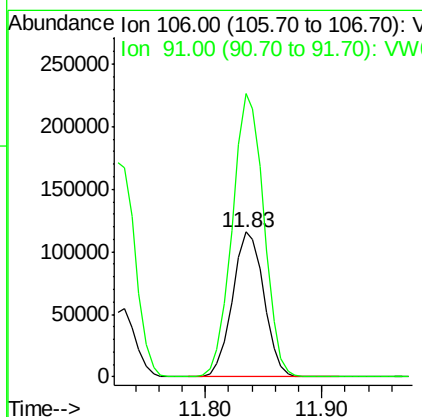
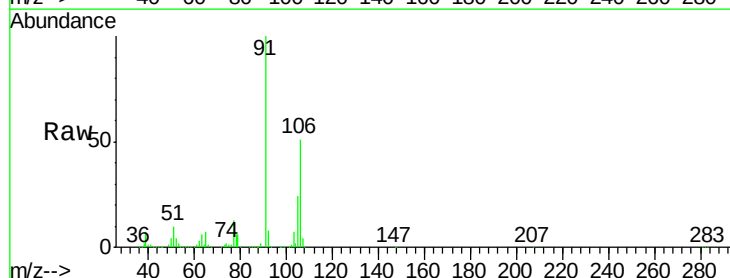
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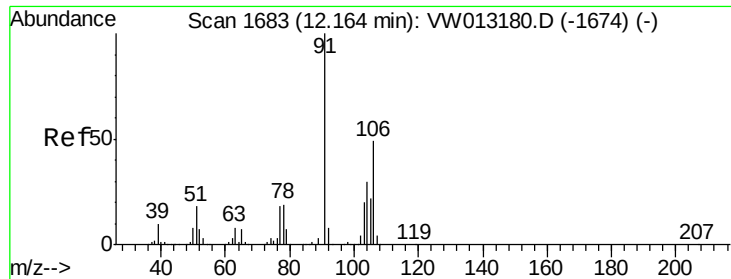
MMDadoda
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#68
m/p-Xylenes
Concen: 40.188 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion: 106 Resp: 217506
Ion Ratio Lower Upper
106 100
91 195.9 157.9 236.9





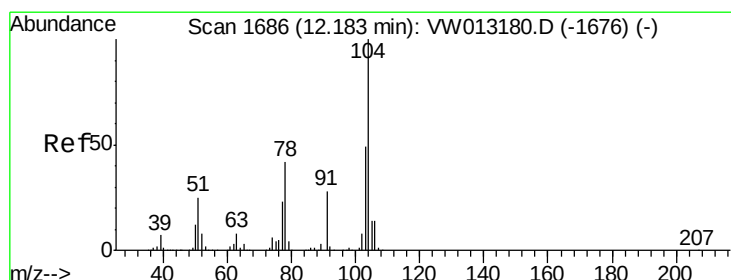
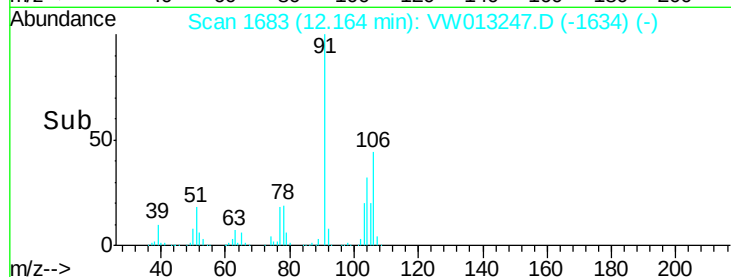
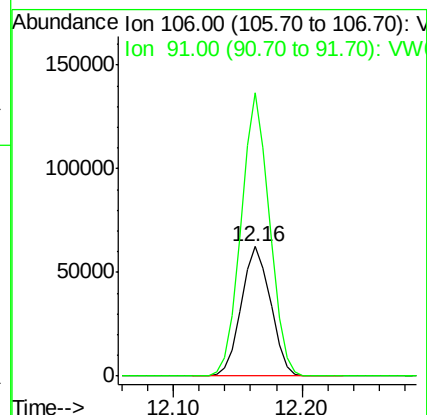
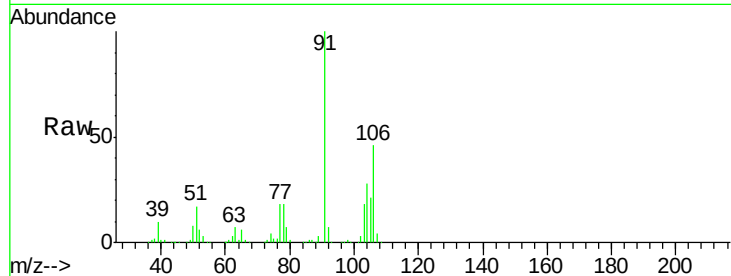
#69
o-Xylene
Concen: 19.546 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampled :
VW0923SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		98354		
91	211.8	106.5	319.5		

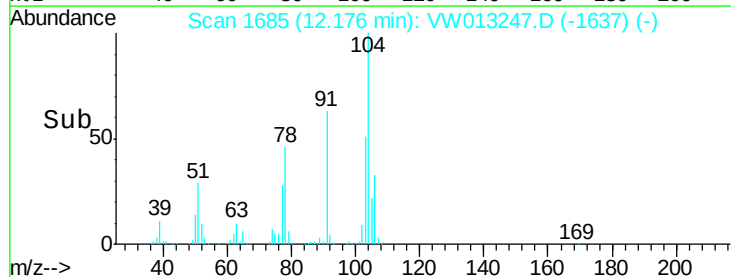
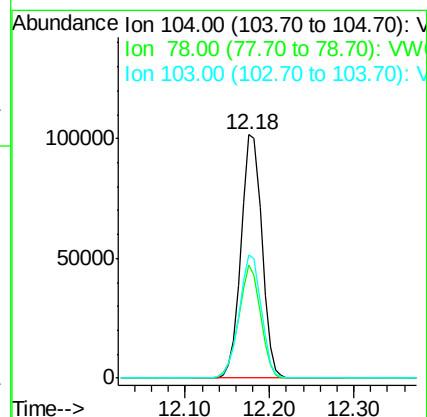
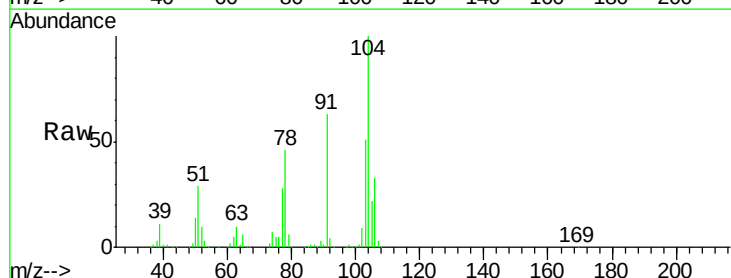
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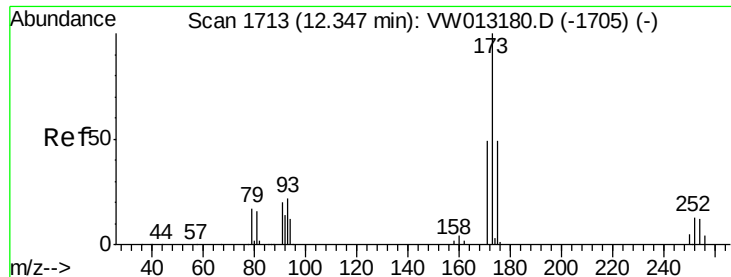
MMDadoda
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#70
Styrene
Concen: 19.576 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		169107		
78	48.6	38.4	57.6		
103	53.6	43.3	64.9		





#71

Bromoform

Concen: 21.390 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

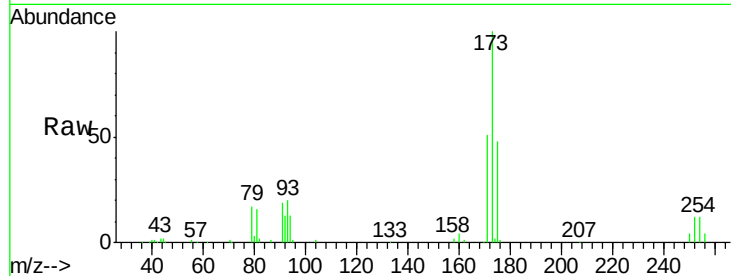
ClientSampleId :

VW0923SBS02

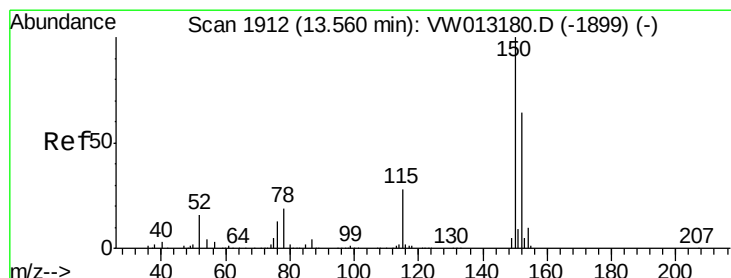
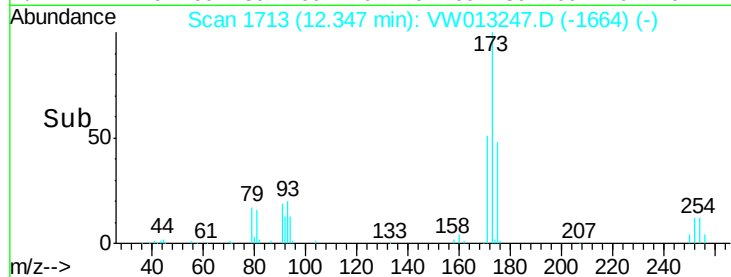
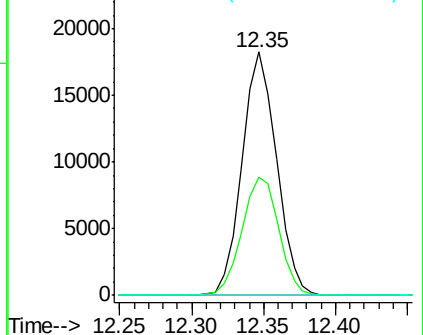
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.7	24.3	73.0
254	0.0	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

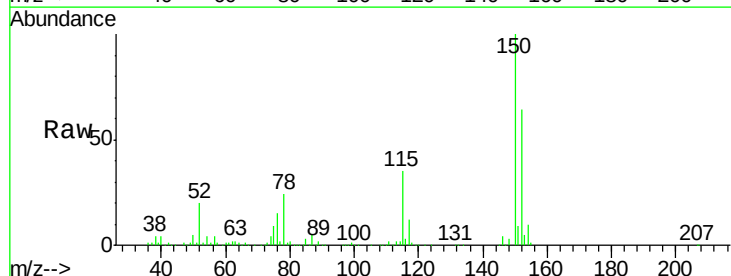
RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

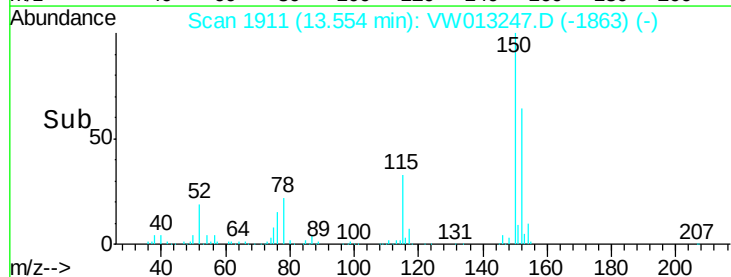
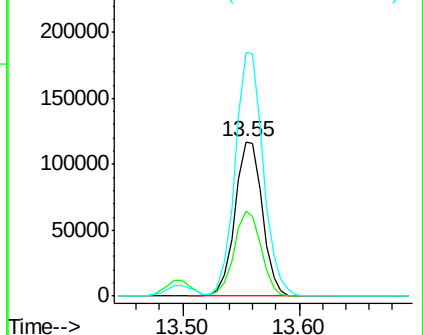
Lab File: VW013247.D

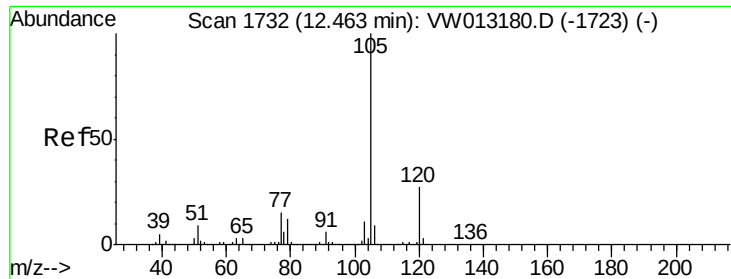
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.9
150	162.0	0.0	349.0



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





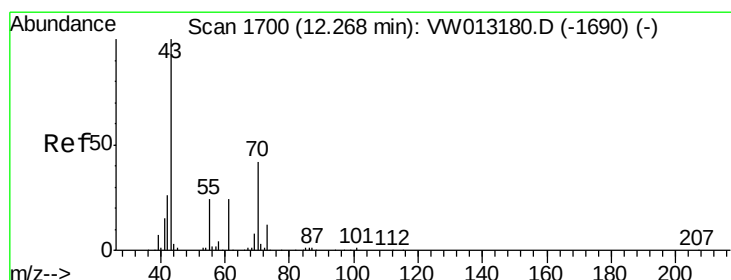
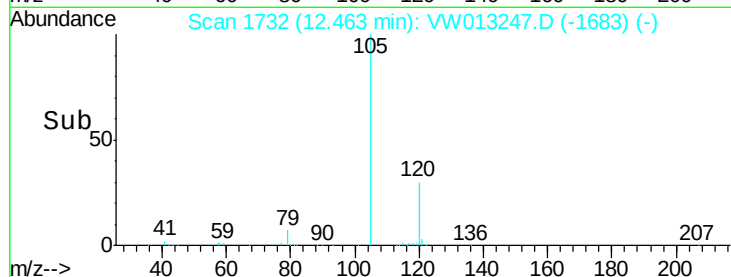
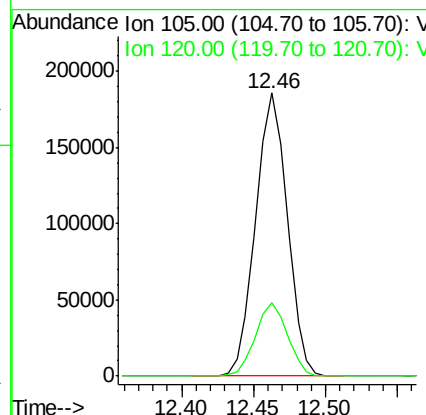
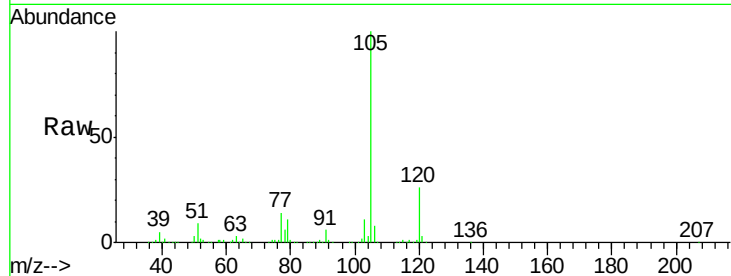
#73
Isopropylbenzene
Concen: 19.925 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	282654		
120	26.1		13.4	40.1

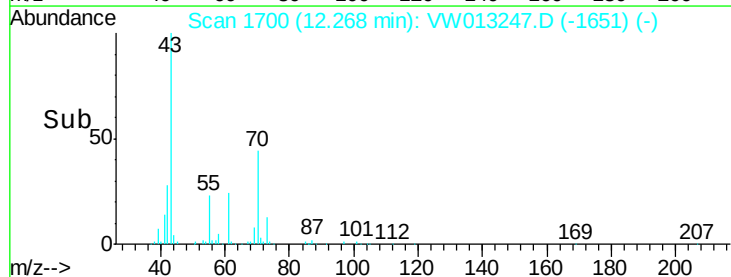
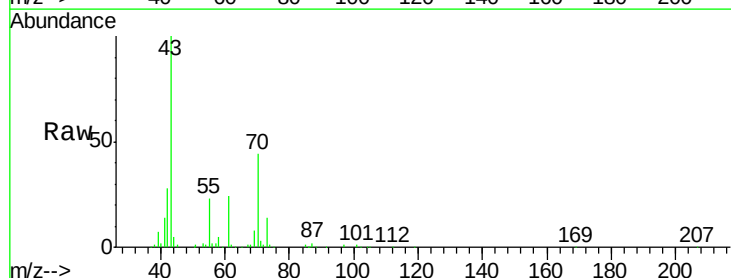
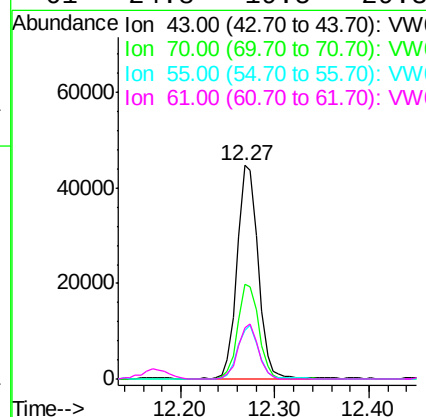
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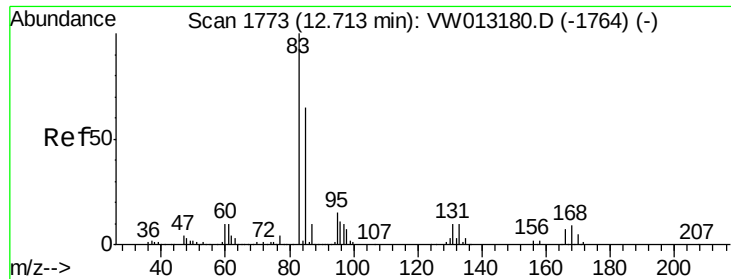
MMDadoda
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#74
N-ethyl acetate
Concen: 22.272 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	70109		
70	43.7		35.1	52.7
55	24.9		19.9	29.9
61	24.8		19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.315 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

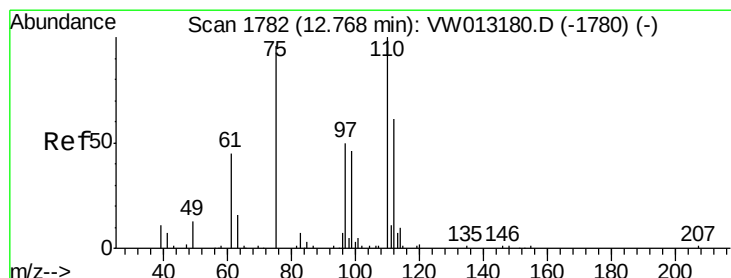
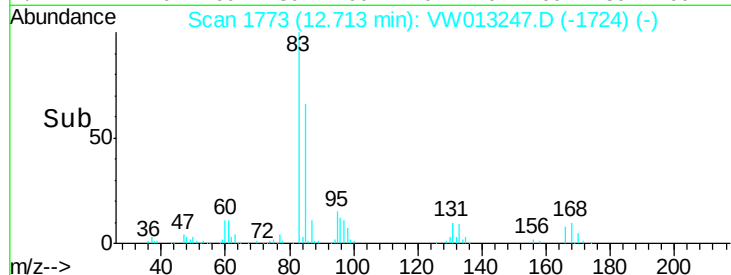
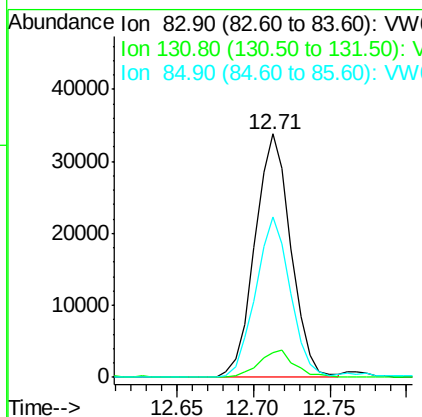
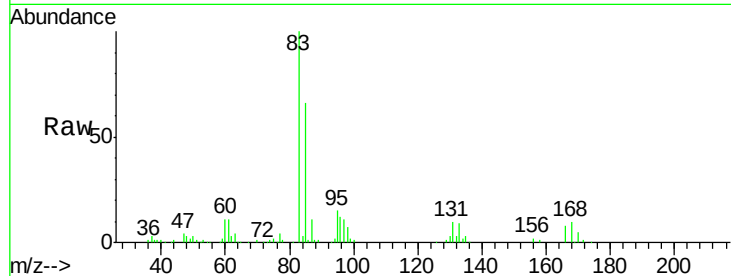
ClientSampleId :

VW0923SBS02

Tot Ion:	83	Resp:	55315
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.4	16.2
85	63.6	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 25.284 ug/l m

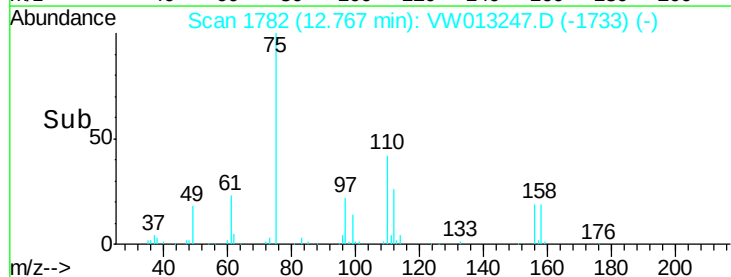
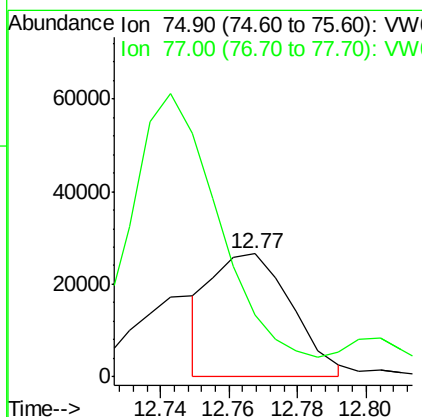
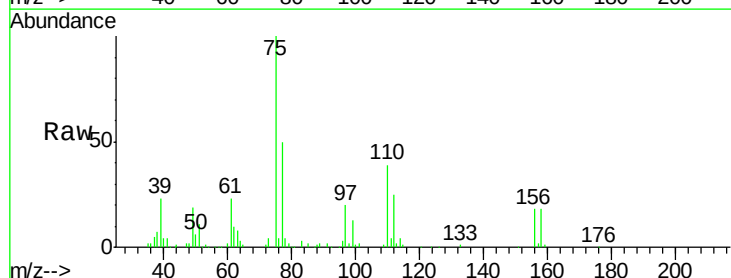
RT: 12.77 min Scan# 1782

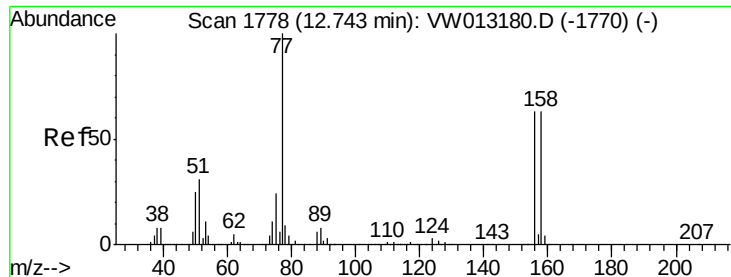
Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	75	Resp:	42881
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.013 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

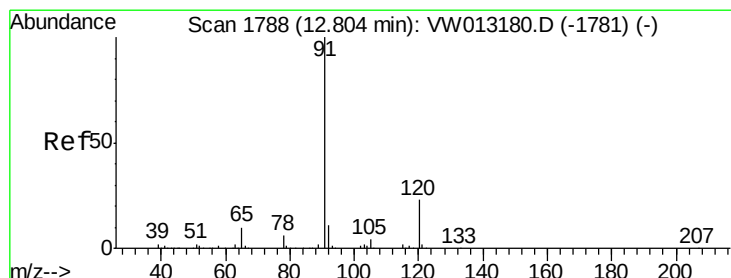
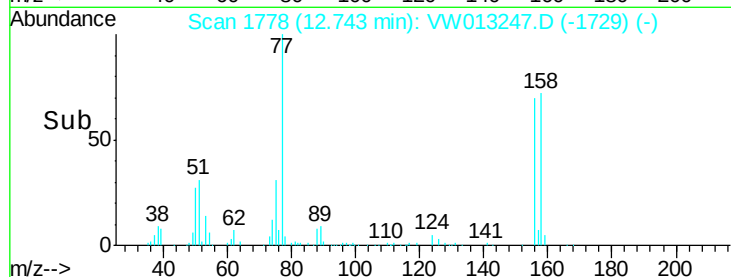
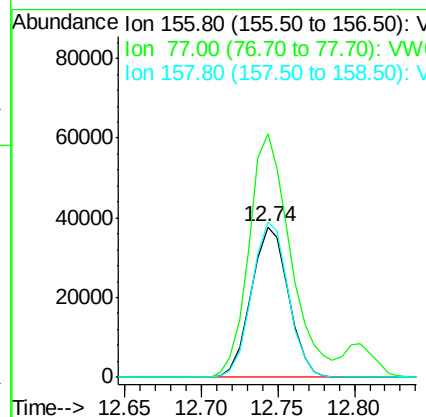
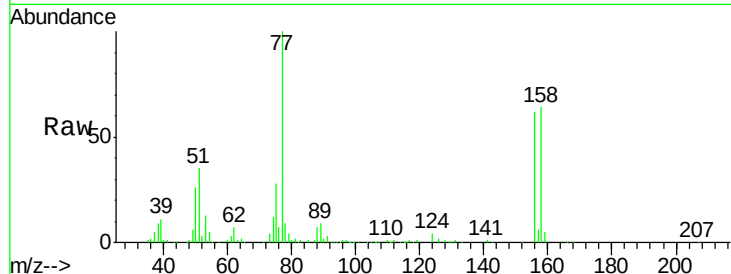
ClientSampleId :

VW0923SBS02

Tot Ion	156	Resp	63915
Ion Ratio	100	Lower	Upper
77	180.7	85.7	257.1
158	101.2	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.904 ug/l

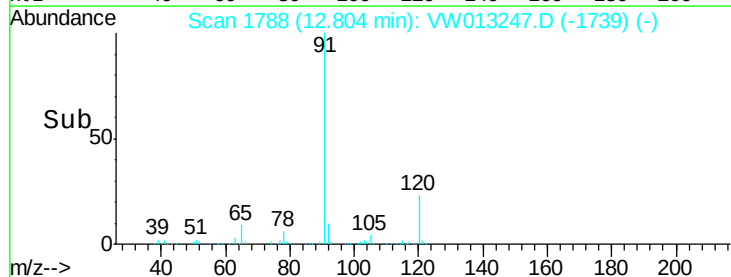
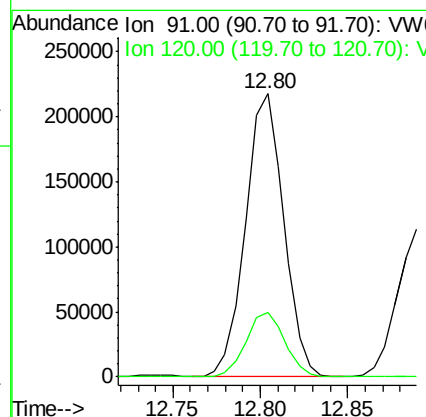
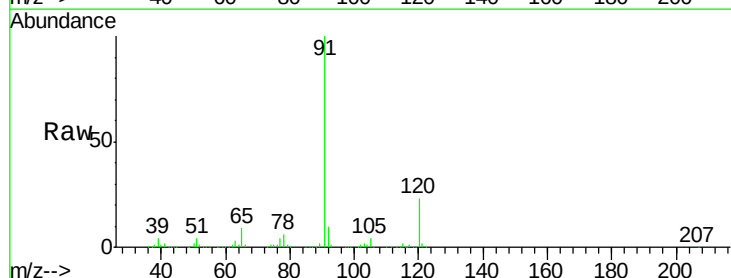
RT: 12.80 min Scan# 1788

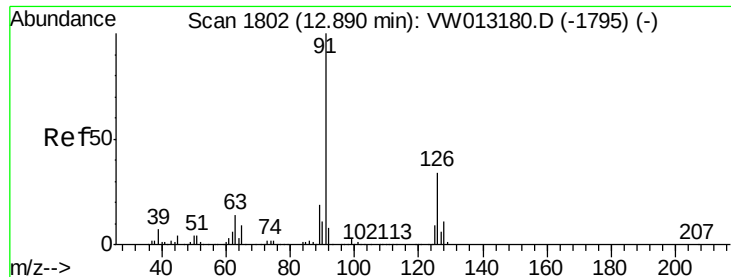
Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion	91	Resp	330506
Ion Ratio	100	Lower	Upper
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 19.330 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion: 91 Resp: 179824

Ion Ratio Lower Upper

91 100

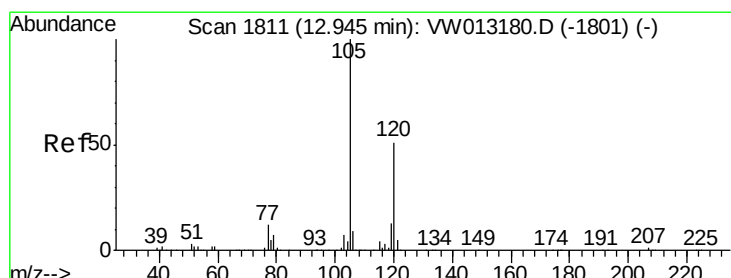
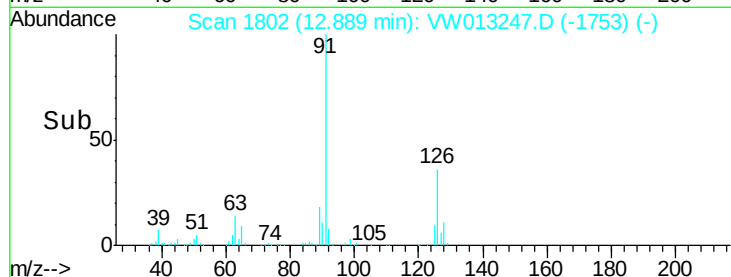
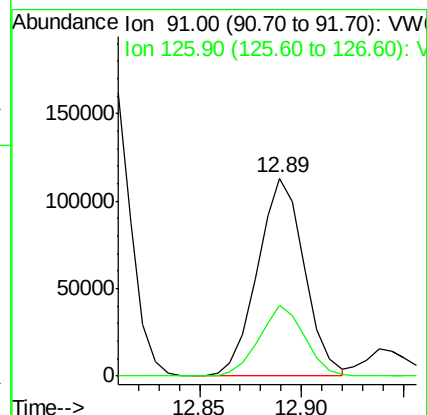
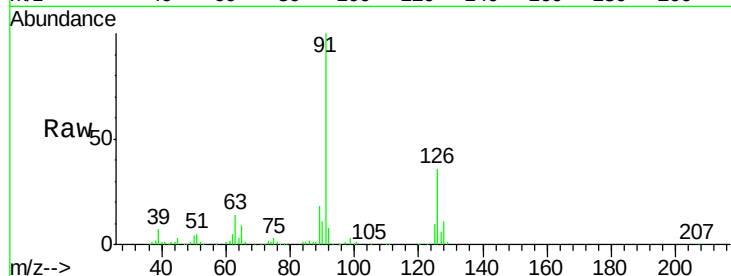
126 34.8 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.877 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW013247.D

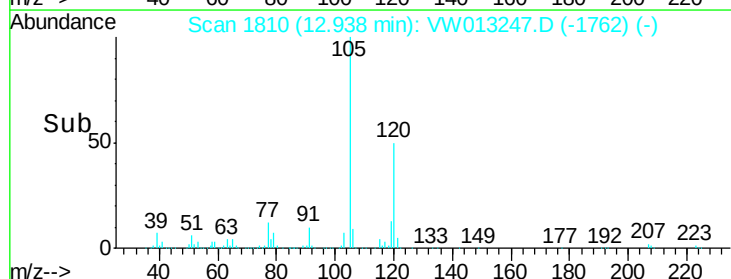
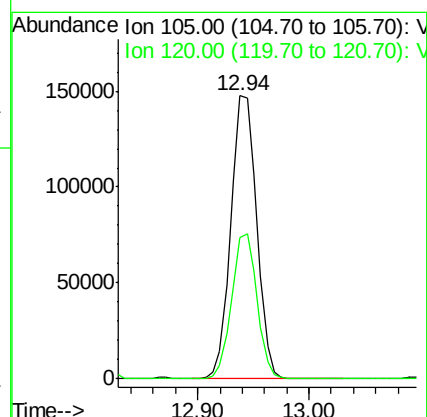
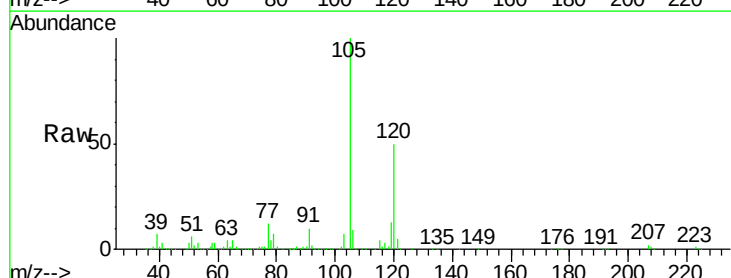
Acq: 24 Sep 2019 00:18

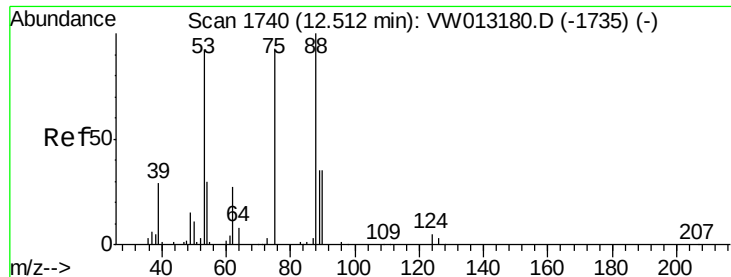
Tgt Ion: 105 Resp: 237029

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.406 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

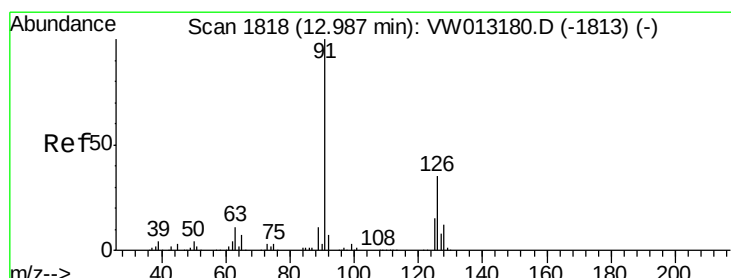
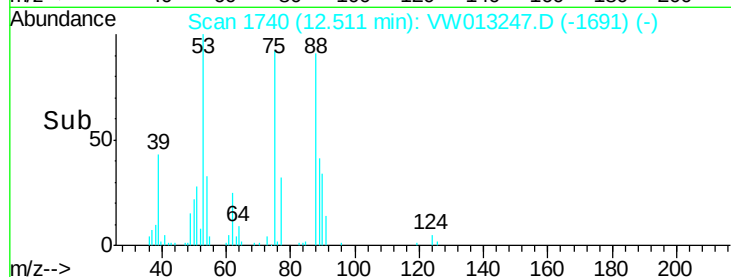
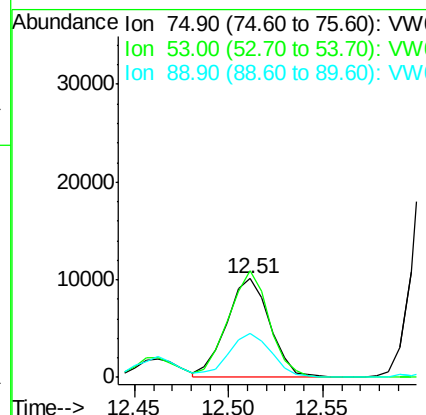
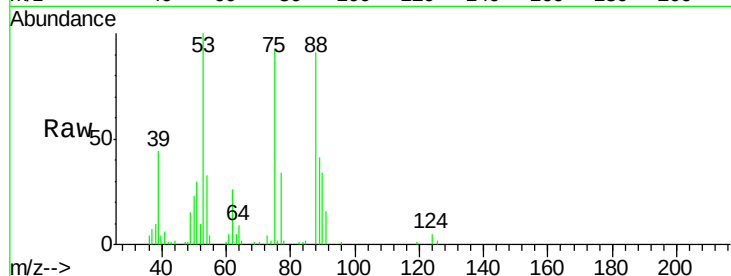
ClientSampleId :

VW0923SBS02

Tot Ion:	75	Resp:	16179
Ion	Ratio	Lower	Upper
75	100		
53	101.6	76.6	114.8
89	44.3	33.5	50.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.086 ug/l

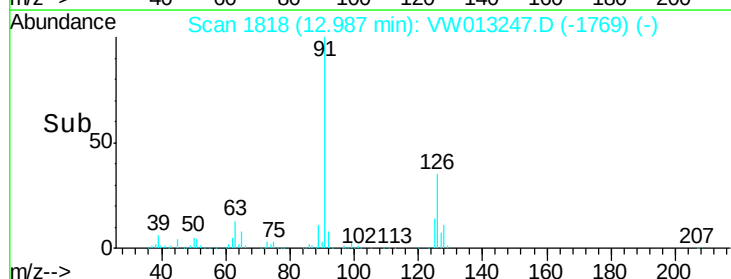
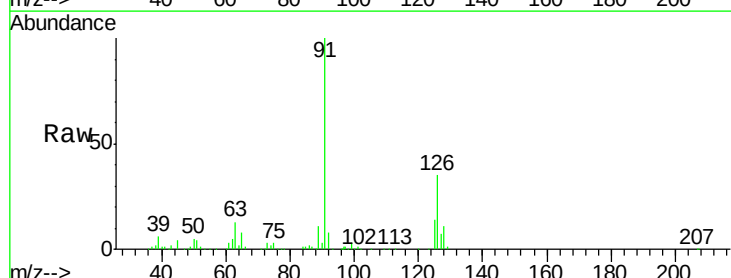
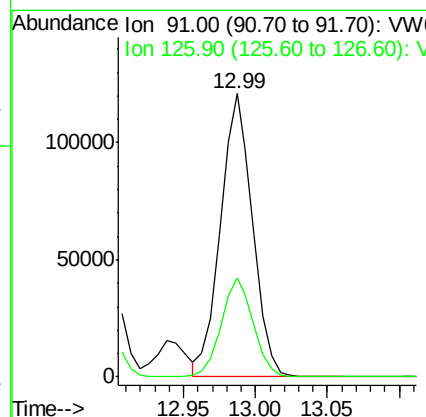
RT: 12.99 min Scan# 1818

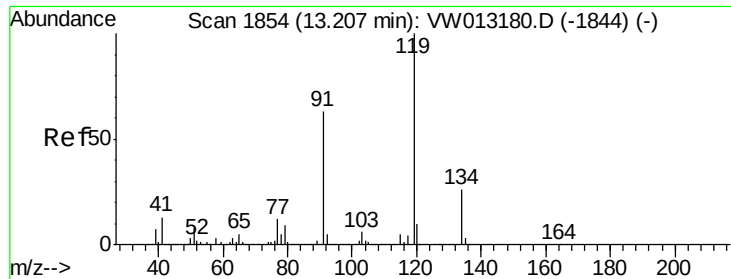
Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion:	91	Resp:	187242
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.3	51.7





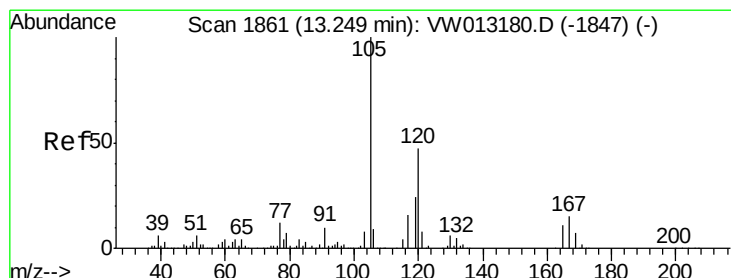
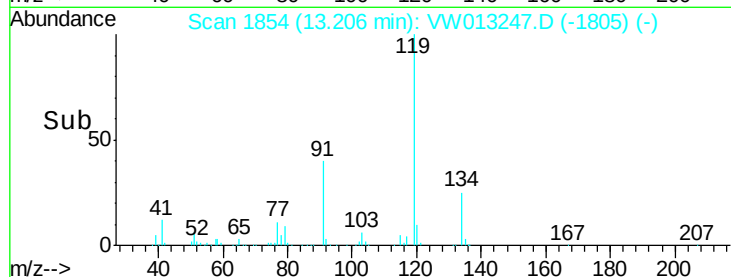
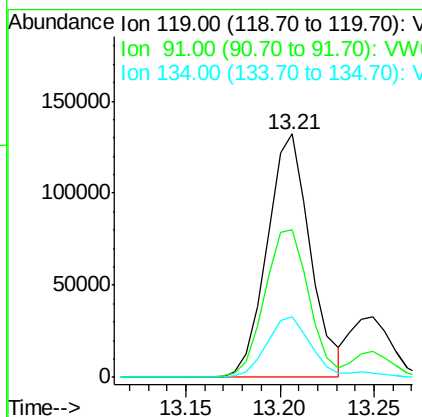
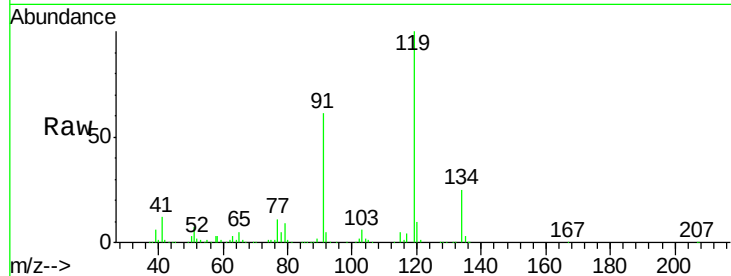
#83
 tert-Butylbenzene
 Concen: 20.073 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	210092		
91	62.3		30.7	92.1
134	25.3		12.6	37.6

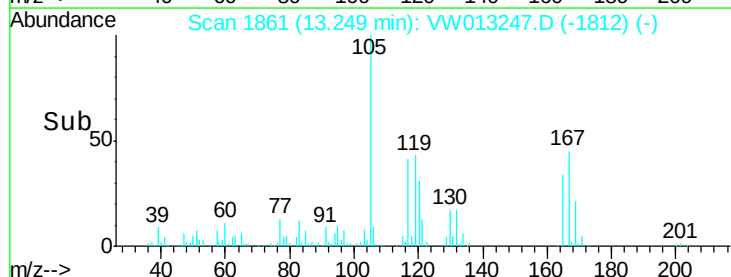
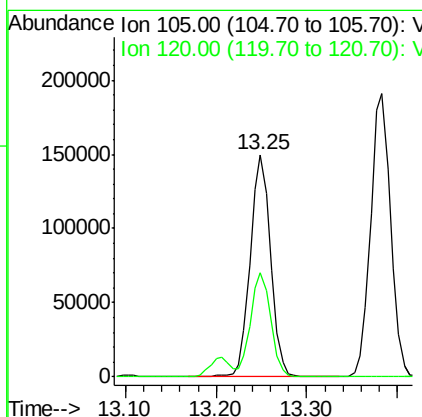
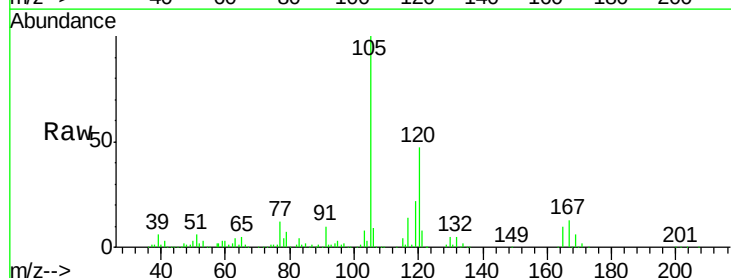
Manual Integrations
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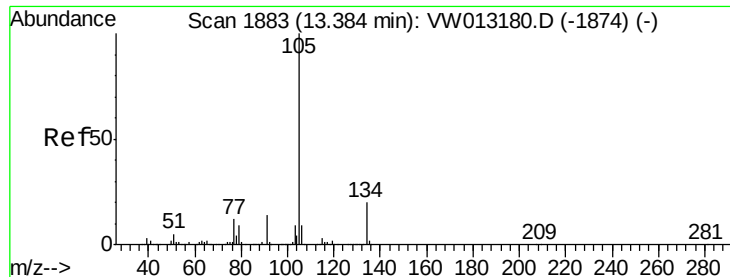
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.609 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232686		
120	45.7		23.4	70.3





#85

sec-Butylbenzene

Concen: 20.199 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion:105 Resp: 291481

Ion Ratio Lower Upper

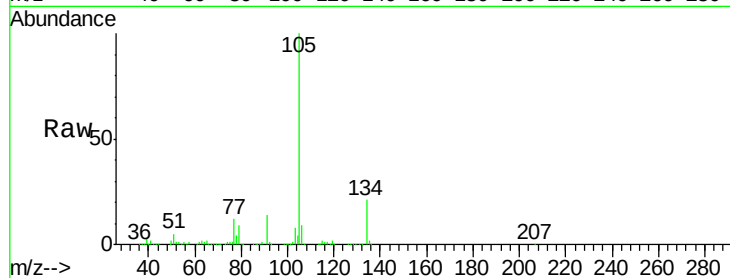
105 100

134 20.8 10.3 30.8

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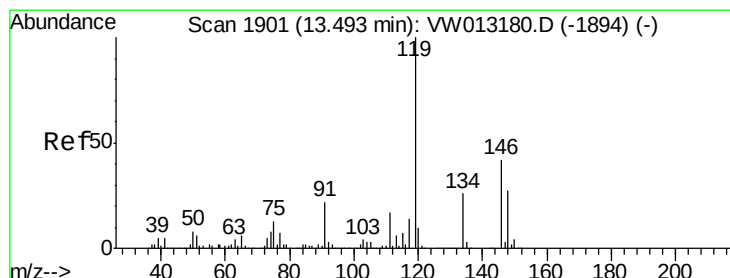
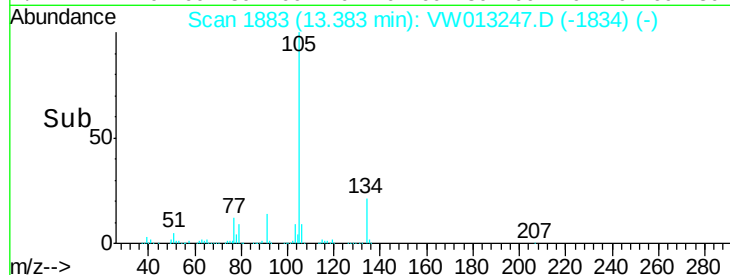
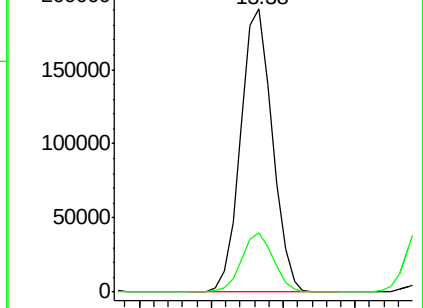
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.799 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

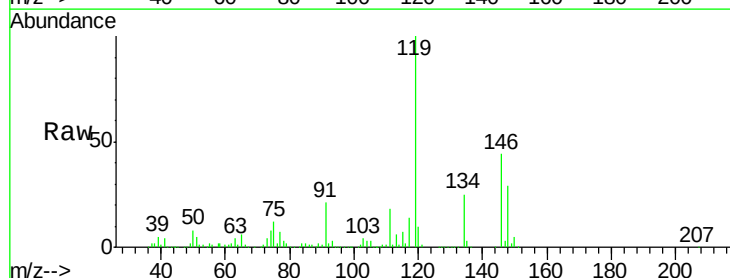
Tgt Ion:119 Resp: 264988

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

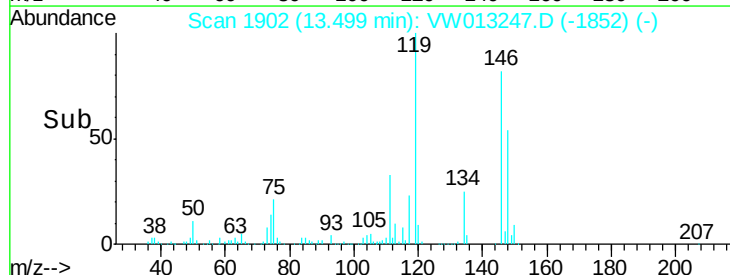
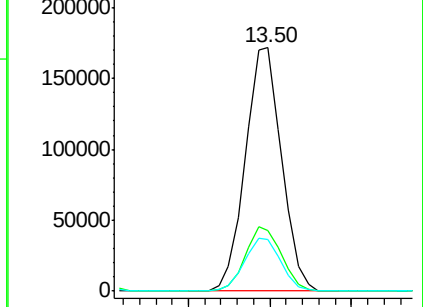
91 21.9 10.8 32.4

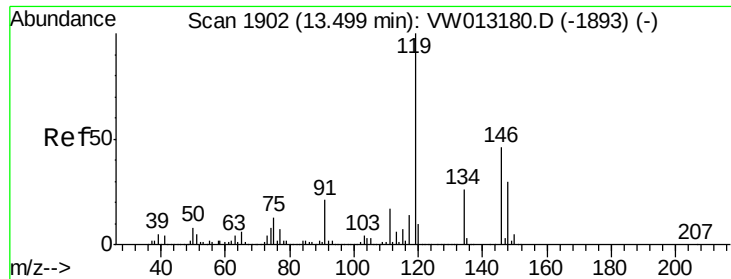


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.322 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

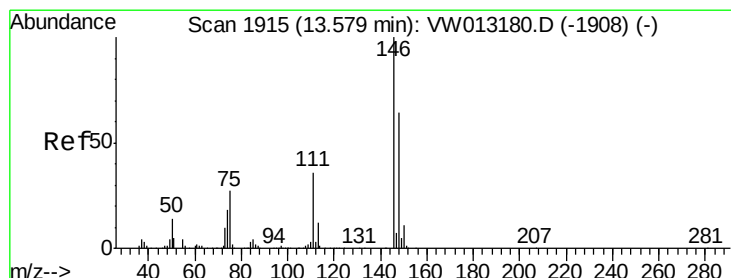
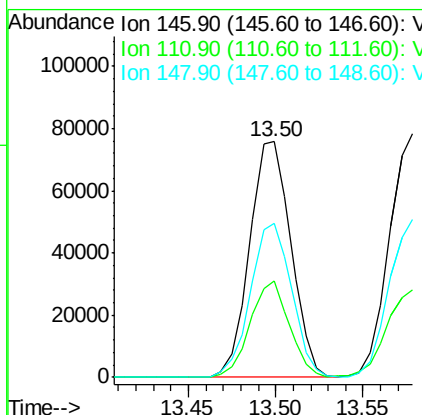
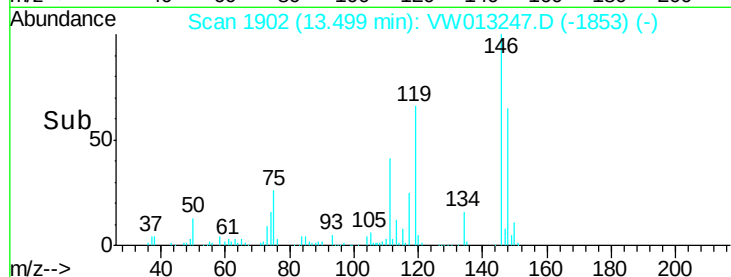
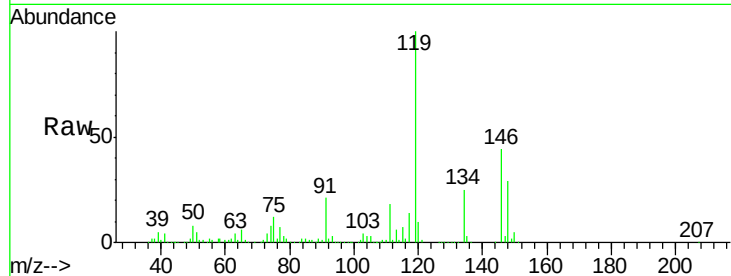
Instrument :
MSVOA_W

ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	64.8	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 19.669 ug/l

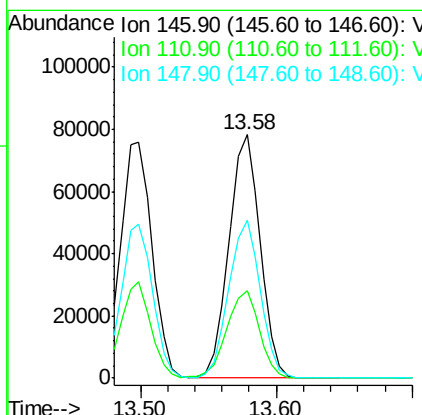
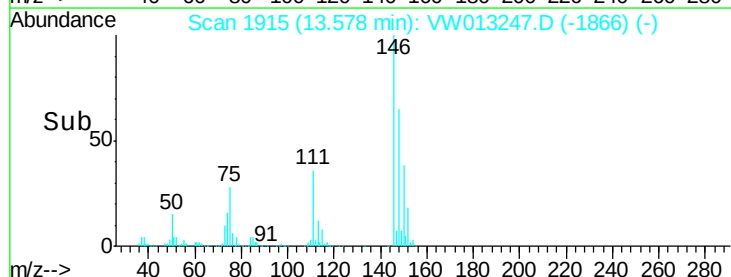
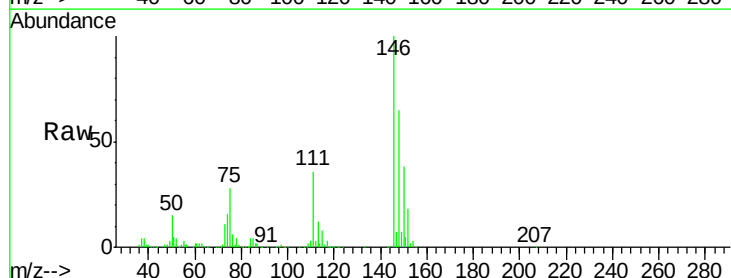
RT: 13.58 min Scan# 1915

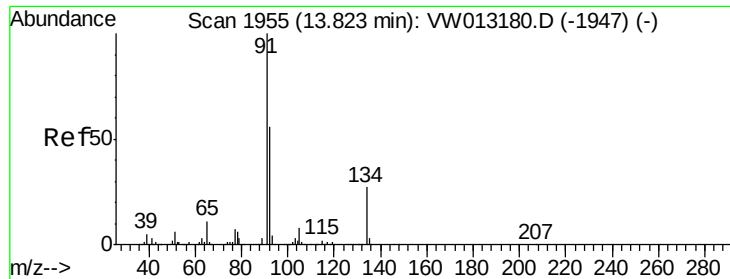
Delta R.T. -0.00 min

Lab File: VW013247.D

Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.0
148	65.9	32.1	96.3





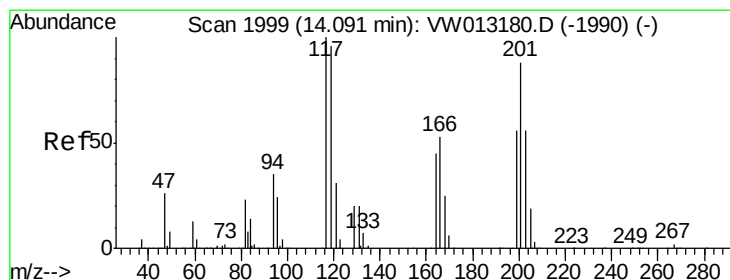
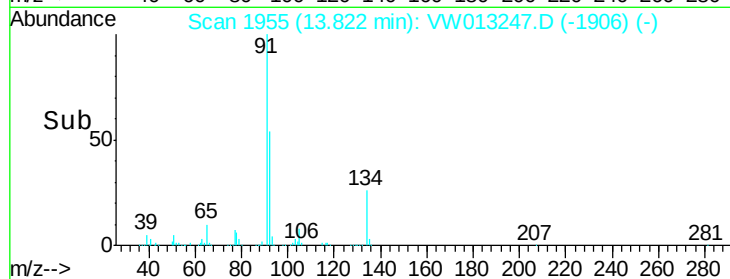
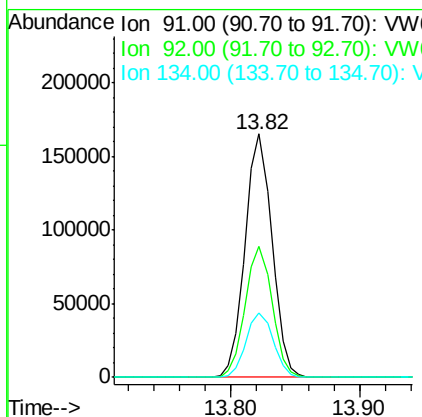
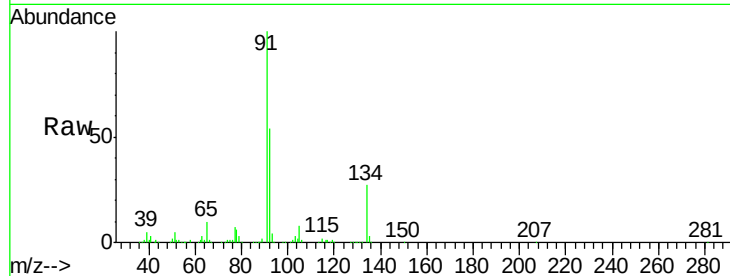
#89
n-Butylbenzene
Concen: 19.503 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	238351		
92	54.2		27.6	82.8
134	26.9		13.7	41.1

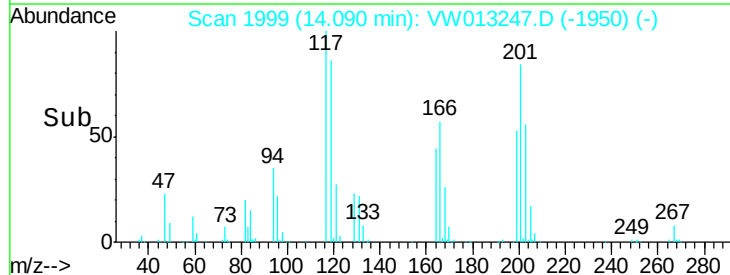
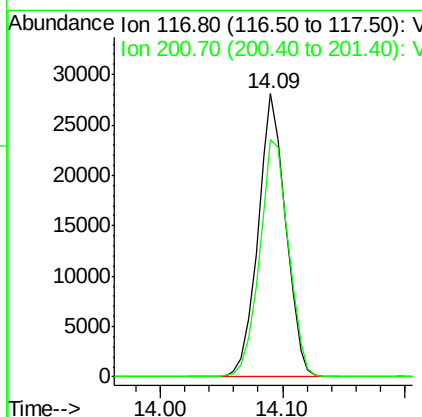
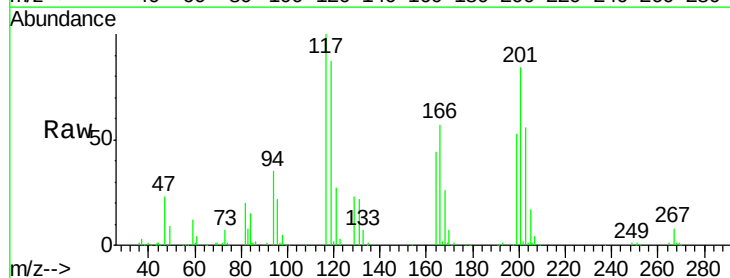
Manual Integrations
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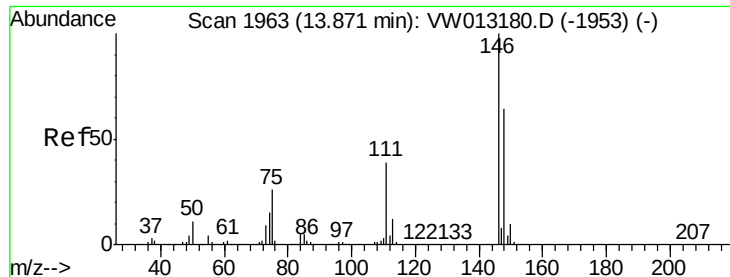
MMDadoda
9/25/2019 12:36:16 AM



#90
Hexachloroethane
Concen: 19.688 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44266		
201	87.6		44.5	133.5





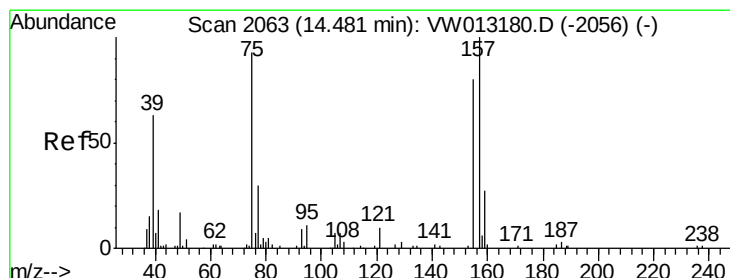
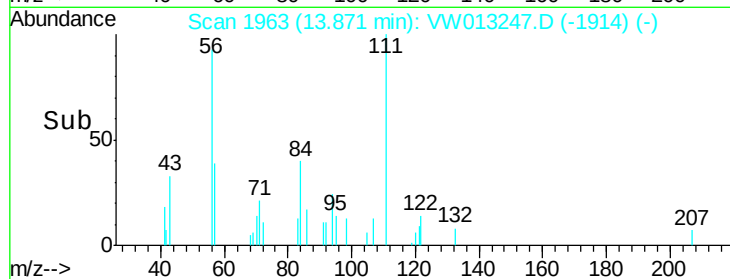
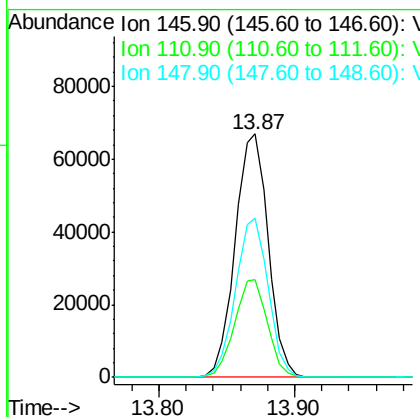
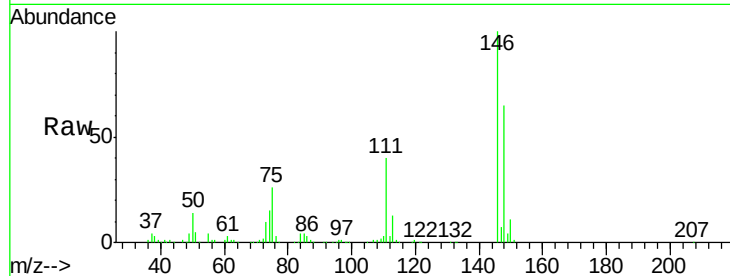
#91
 1,2-Dichlorobenzene
 Concen: 20.245 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.3
148	64.5	32.0	96.0

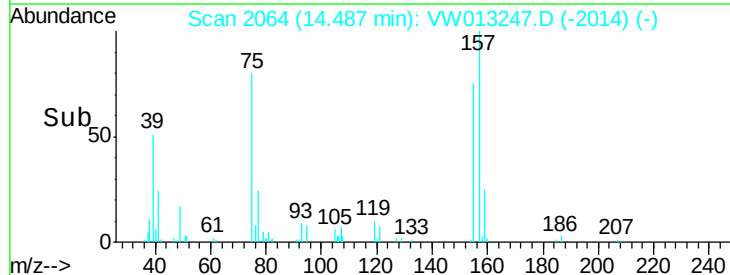
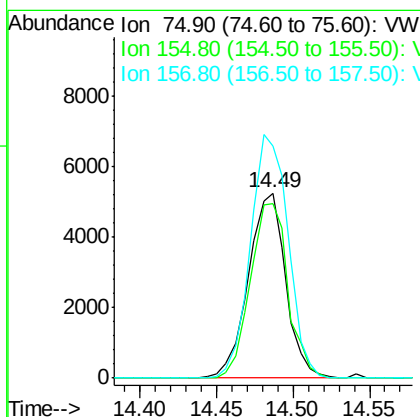
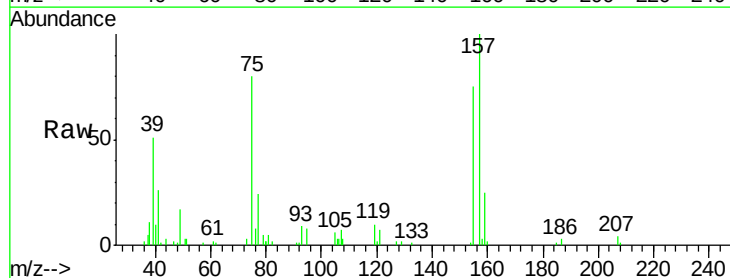
Manual Integrations
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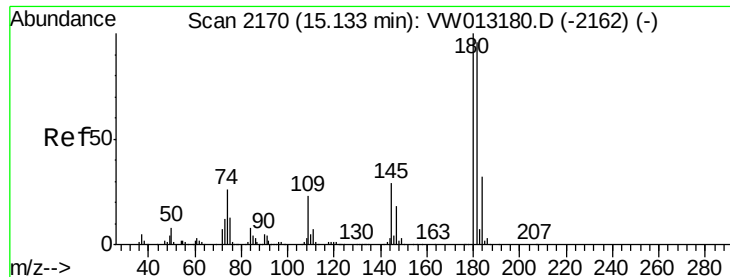
MMDadoda
 9/25/2019 12:36:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.694 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	46.1	138.3
157	133.0	60.4	181.2





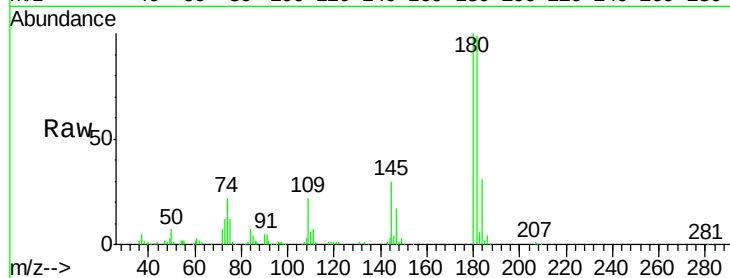
#93
 1,2,4-Trichlorobenzene
 Concen: 19.342 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

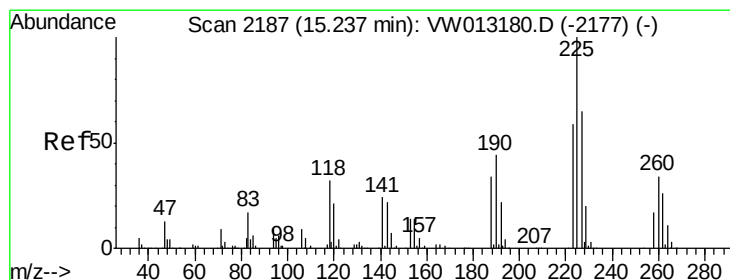
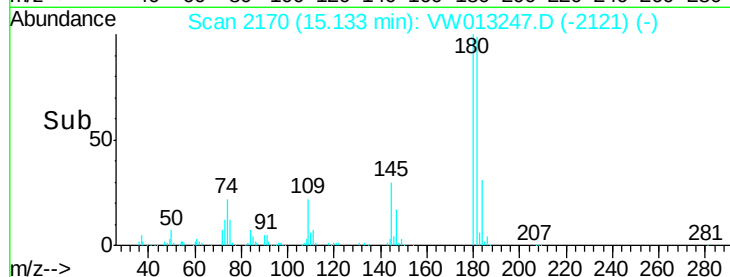
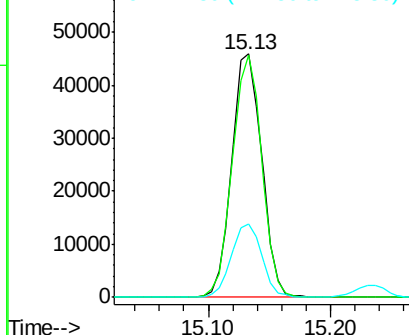
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.3	142.0
145	30.6	14.2	42.8

Manual Integrations
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 9/25/2019 12:36:16 AM

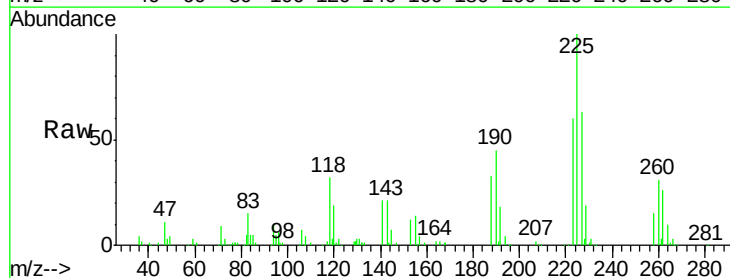


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

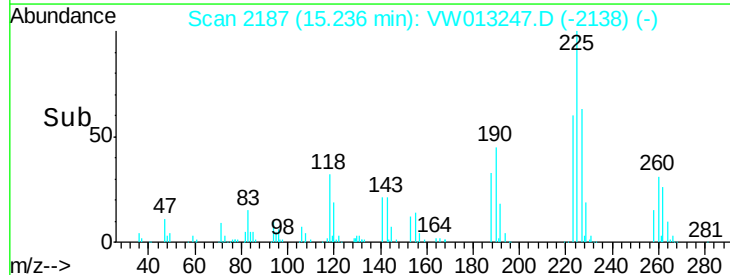
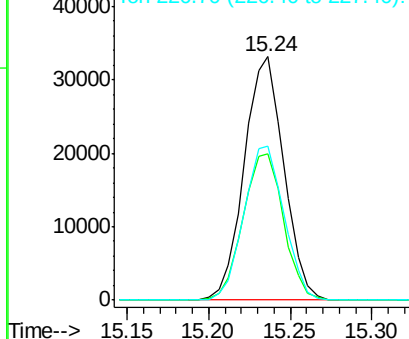


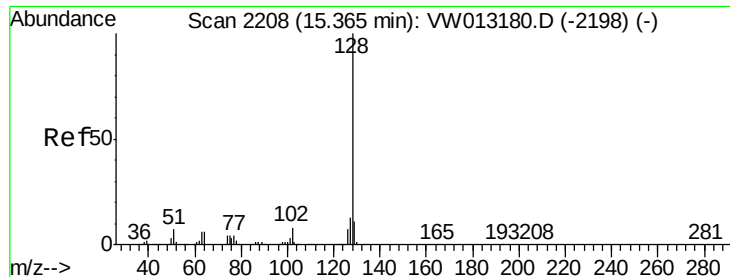
#94
 Hexachlorobutadiene
 Concen: 20.418 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013247.D
 Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.6	91.8
227	64.2	31.9	95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





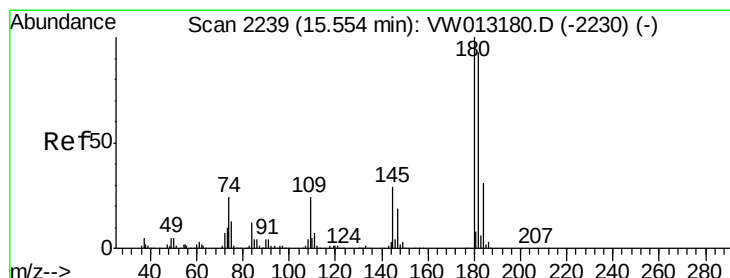
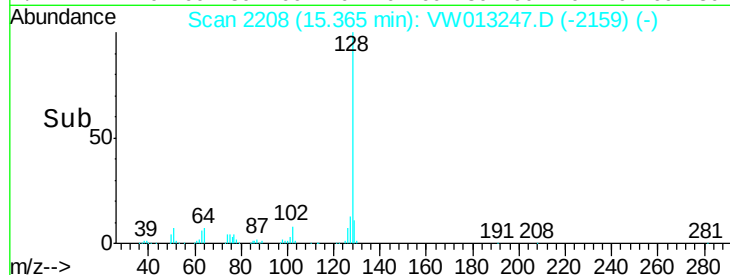
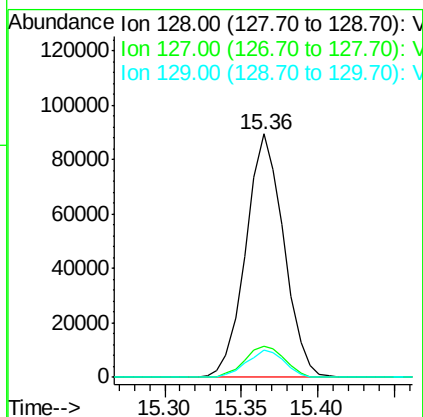
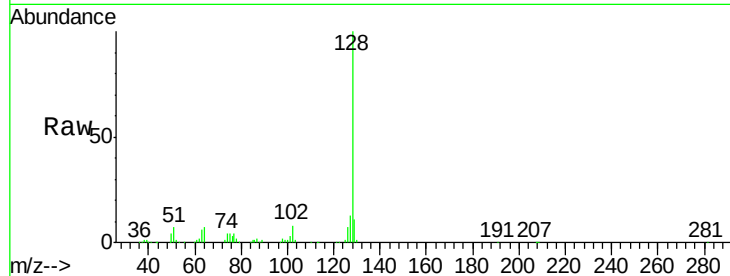
#95
Naphthalene
Concen: 23.501 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.1	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.193 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013247.D
Acq: 24 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.9	143.7
145	30.3	15.0	45.0

