

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012130.D
 Acq On : 23 Aug 2019 13:41
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:39:22 AM

Quant Time: Aug 26 07:25:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148787	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
35) Dibromofluoromethane	7.88	113	120340	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	10.32	98	505228	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.62	95	174584	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	95784	57.697	ug/l	96
3) Chloromethane	2.21	50	132031	51.334	ug/l	99
4) Vinyl Chloride	2.36	62	165941	52.713	ug/l	98
5) Bromomethane	2.78	94	84407	52.943	ug/l	100
6) Chloroethane	2.92	64	93091	52.420	ug/l	96
7) Trichlorofluoromethane	3.26	101	87252	55.198	ug/l	99
8) Diethyl Ether	3.68	74	75369	50.233	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	140533	52.303	ug/l	99
10) Methyl Iodide	4.27	142	189294	52.069	ug/l	100
11) Tert butyl alcohol	5.18	59	48469	251.293	ug/l	98
12) 1,1-Dichloroethene	4.04	96	142279	52.611	ug/l	96
13) Acrolein	3.89	56	41522	228.695	ug/l	99
14) Allyl chloride	4.67	41	306769	53.060	ug/l	100
15) Acrylonitrile	5.37	53	186296	250.503	ug/l	99
16) Acetone	4.12	43	228898	279.390	ug/l	99
17) Carbon Disulfide	4.39	76	450277	55.093	ug/l	99
18) Methyl Acetate	4.67	43	96940	47.772	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	225241	51.503	ug/l	100
20) Methylene Chloride	4.92	84	150451	48.576	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	150334	51.839	ug/l	100
22) Diisopropyl ether	6.31	45	543517	50.717	ug/l	99
23) Vinyl Acetate	6.25	43	1726304	261.754	ug/l	99
24) 1,1-Dichloroethane	6.21	63	293381	50.280	ug/l	99
25) 2-Butanone	7.17	43	288298	258.957	ug/l	98
26) 2,2-Dichloropropane	7.17	77	174425	52.813	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	158224	51.066	ug/l	100
28) Bromochloromethane	7.51	49	127374	50.085	ug/l	98
29) Tetrahydrofuran	7.53	42	172193	257.799	ug/l	99
30) Chloroform	7.68	83	264706	49.585	ug/l	99
31) Cyclohexane	7.96	56	287642	49.826	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	218918	51.838	ug/l	100
36) 1,1-Dichloropropene	8.08	75	233366	52.908	ug/l	99
37) Ethyl Acetate	7.25	43	122228	50.569	ug/l	99
38) Carbon Tetrachloride	8.07	117	200446	52.505	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	267885	54.062	ug/l	99
40) Benzene	8.32	78	613608	50.947	ug/l	99
41) Methacrylonitrile	7.48	41	80024	56.332	ug/l	93
42) 1,2-Dichloroethane	8.40	62	188372	49.904	ug/l	99
43) Isopropyl Acetate	8.42	43	229213	51.197	ug/l	99
44) Trichloroethene	9.09	130	150148	51.283	ug/l	94
45) 1,2-Dichloropropane	9.37	63	162778	50.219	ug/l	100
46) Dibromomethane	9.46	93	72519	50.284	ug/l	99
47) Bromodichloromethane	9.65	83	194793	50.750	ug/l	98
48) Methyl methacrylate	9.43	41	116922	54.870	ug/l	96
49) 1,4-Dioxane	9.45	88	22659	1026.304	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	586232	257.436	ug/l	100
52) Toluene	10.39	92	372823	51.528	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	206180	52.735	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	246662	52.250	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102597	50.280	ug/l	99
56) Ethyl methacrylate	10.65	69	157108	52.902	ug/l	99
57) 1,3-Dichloropropane	10.93	76	196493	50.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	380917	249.920	ug/l	99
59) 2-Hexanone	10.97	43	432723	268.561	ug/l	100
60) Dibromochloromethane	11.13	129	117968	51.905	ug/l	99
61) 1,2-Dibromoethane	11.24	107	97500	51.289	ug/l	99
64) Tetrachloroethene	10.86	164	122650	51.492	ug/l	97
65) Chlorobenzene	11.66	112	369800	51.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	130414	51.674	ug/l	99
67) Ethyl Benzene	11.73	91	728637	52.286	ug/l	100
68) m/p-Xylenes	11.84	106	528187	105.221	ug/l	99
69) o-Xylene	12.16	106	245984	52.945	ug/l	99
70) Styrene	12.18	104	420939	52.344	ug/l	99
71) Bromoform	12.35	173	64548	51.334	ug/l #	100
73) Isopropylbenzene	12.46	105	690611	52.774	ug/l	99
74) N-amyl acetate	12.27	43	211788	53.567	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	120385	50.180	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	86695m	50.970	ug/l	
77) Bromobenzene	12.75	156	147972	52.267	ug/l	98
78) n-propylbenzene	12.80	91	845975	52.954	ug/l	99
79) 2-Chlorotoluene	12.90	91	476854	52.575	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	579606	53.006	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42427	54.691	ug/l	98
82) 4-Chlorotoluene	12.99	91	492058	51.812	ug/l	100
83) tert-Butylbenzene	13.21	119	491943	53.110	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	577171	52.545	ug/l	98
85) sec-Butylbenzene	13.38	105	706933	53.271	ug/l	100
86) p-Isopropyltoluene	13.50	119	639566	53.966	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	284415	51.362	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	283546	51.570	ug/l	100
89) n-Butylbenzene	13.82	91	644924	54.722	ug/l	99
90) Hexachloroethane	14.10	117	110866	53.320	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	251754	51.825	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20749	51.302	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	185311	55.201	ug/l	100
94) Hexachlorobutadiene	15.24	225	119441	53.884	ug/l	98
95) Naphthalene	15.36	128	334052	50.649	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	162034	55.322	ug/l	99

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

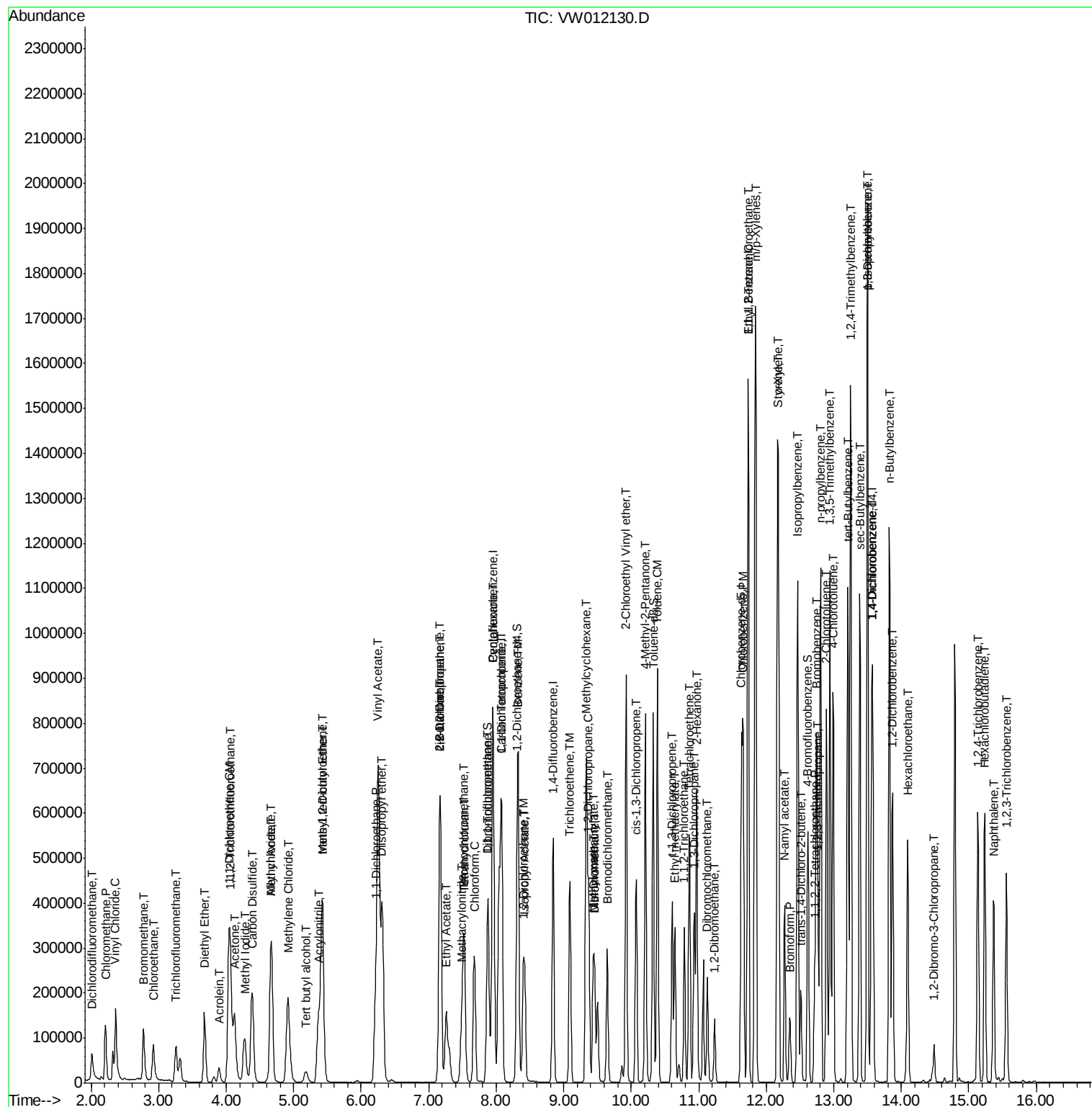
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion:168 Resp: 269614

Ion Ratio Lower Upper

168 100

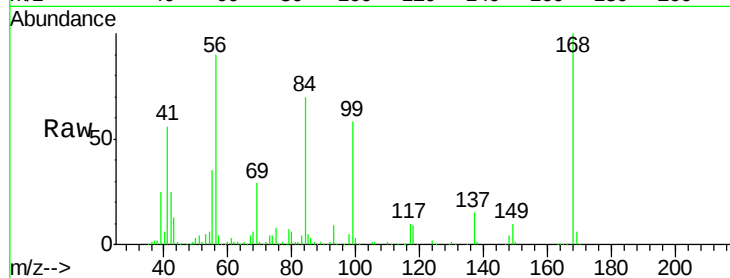
99 58.3 49.2 73.8

Manual Integrations

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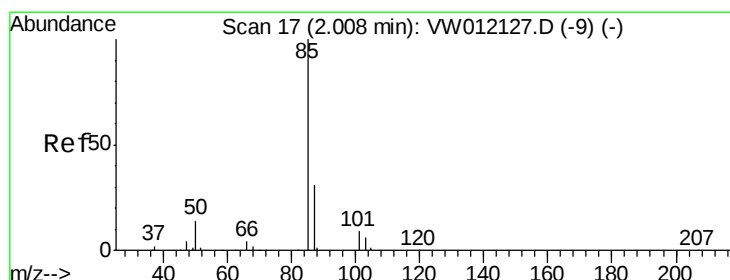
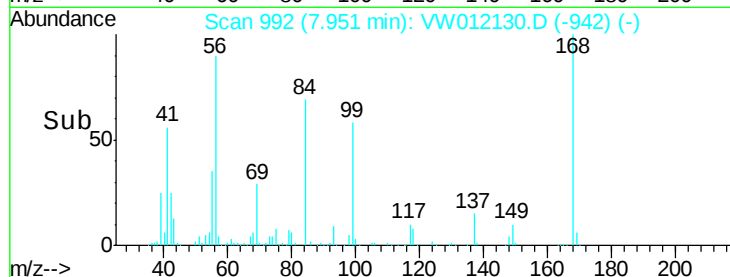
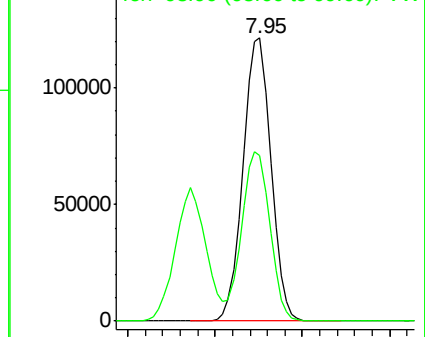
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 57.697 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012130.D

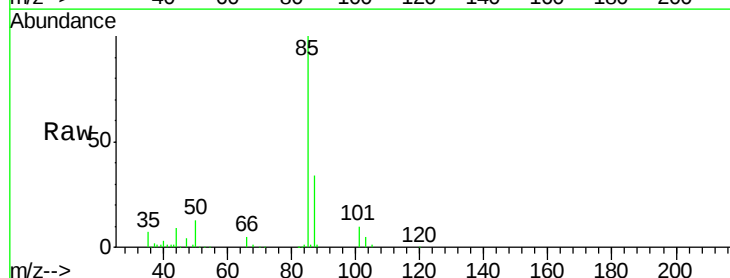
Acq: 23 Aug 2019 13:41

Tgt Ion: 85 Resp: 95784

Ion Ratio Lower Upper

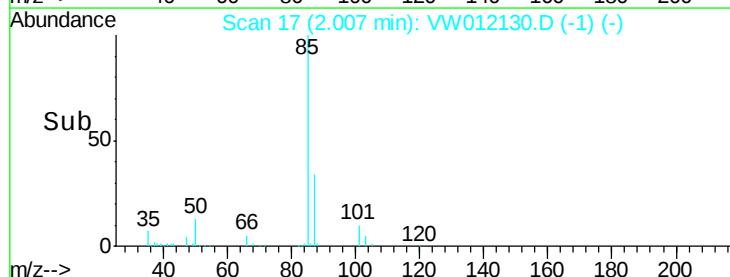
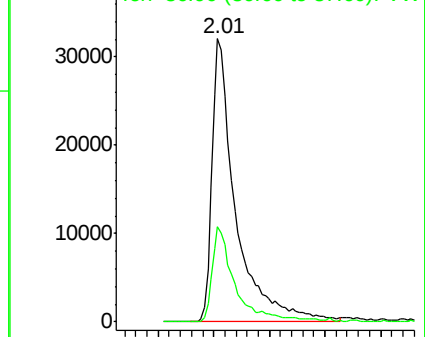
85 100

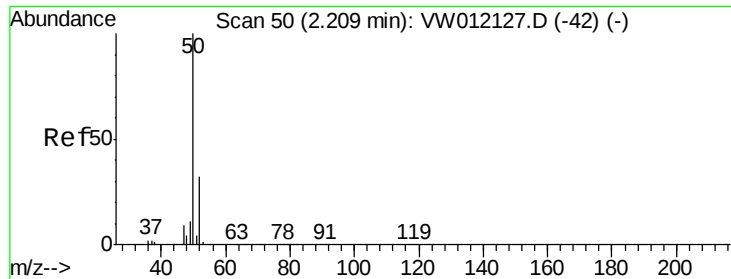
87 33.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.334 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion: 50 Resp: 132031

Ion Ratio Lower Upper

50 100

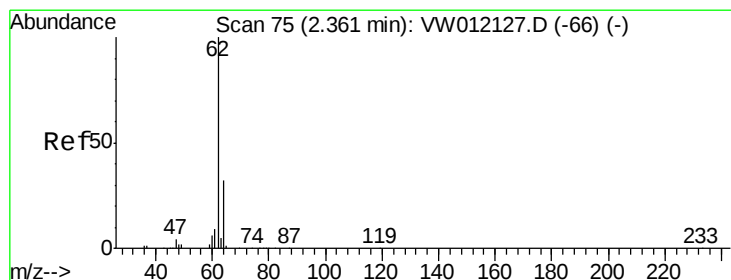
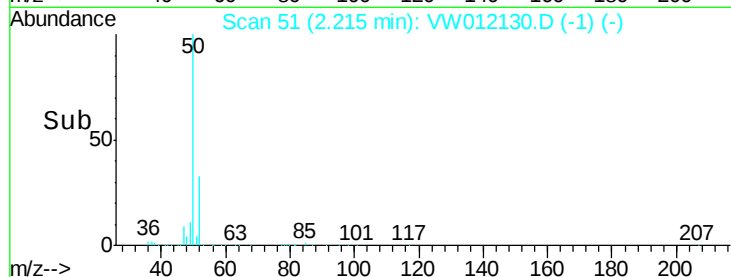
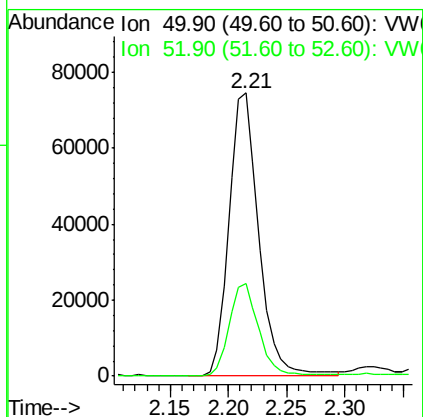
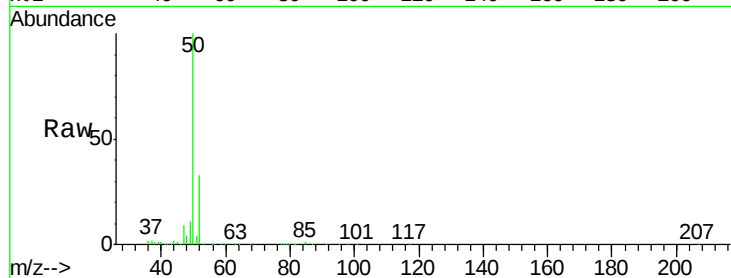
52 32.6 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.713 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012130.D

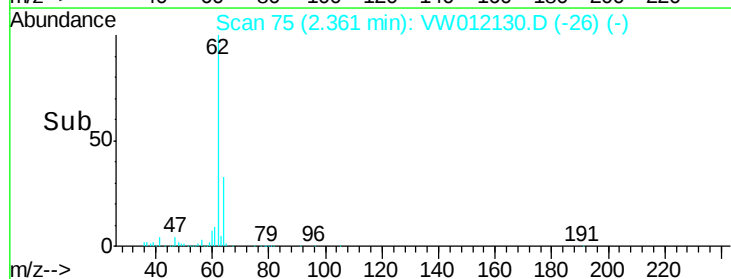
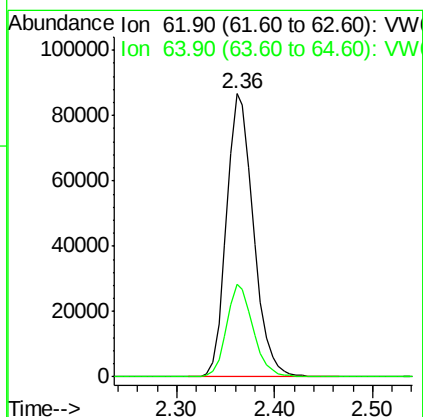
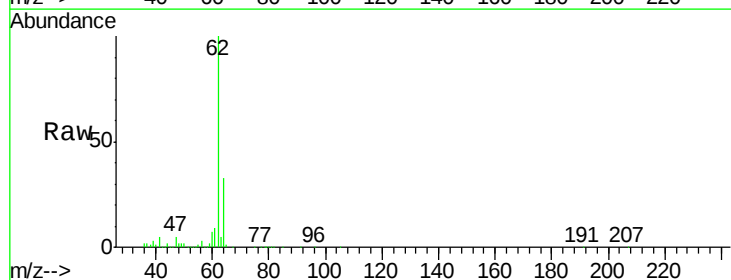
Acq: 23 Aug 2019 13:41

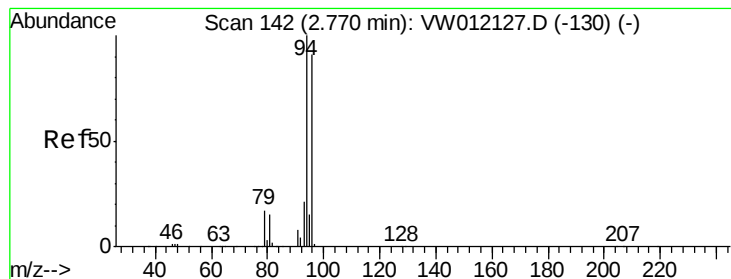
Tgt Ion: 62 Resp: 165941

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 52.943 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 84407

Ion Ratio Lower Upper

94 100

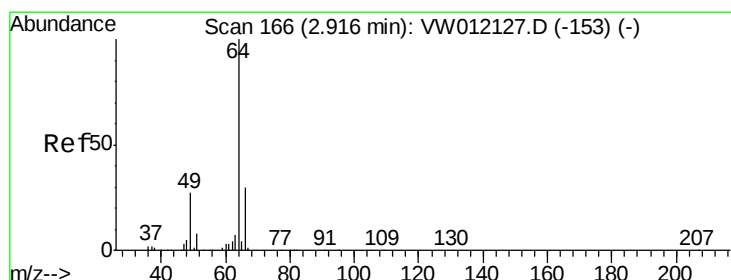
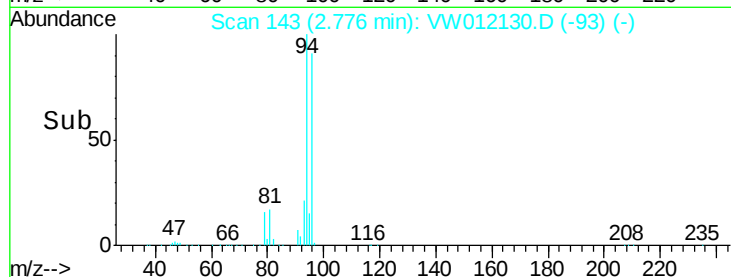
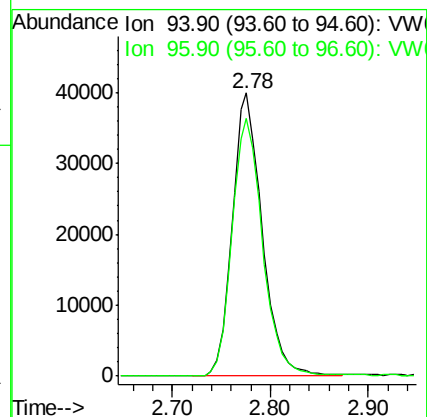
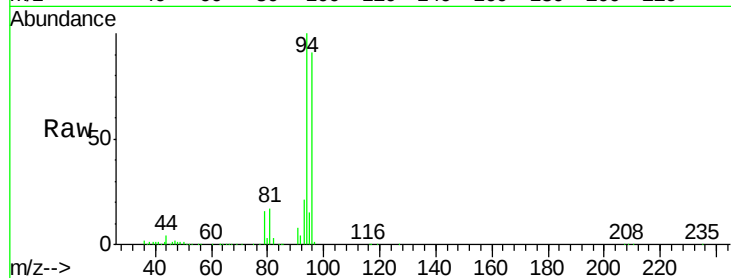
96 91.1 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 52.420 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012130.D

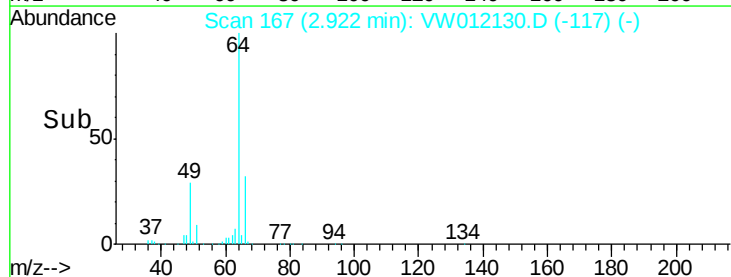
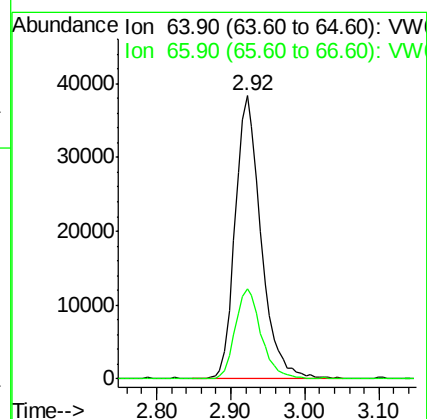
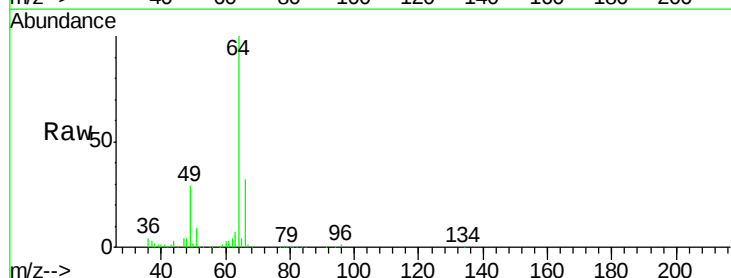
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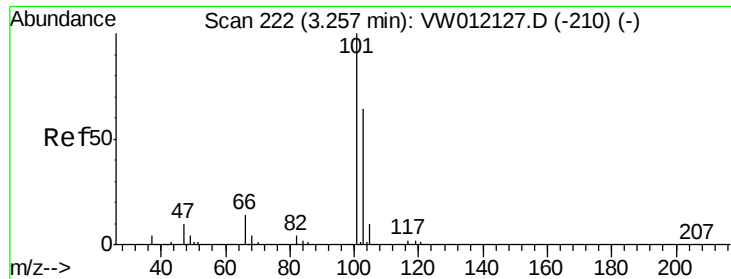
Tgt Ion: 64 Resp: 93091

Ion Ratio Lower Upper

64 100

66 31.9 23.8 35.8





#7

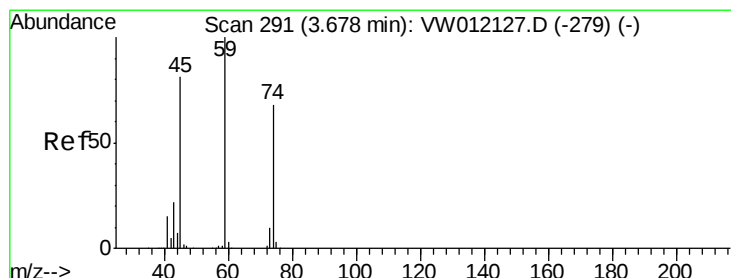
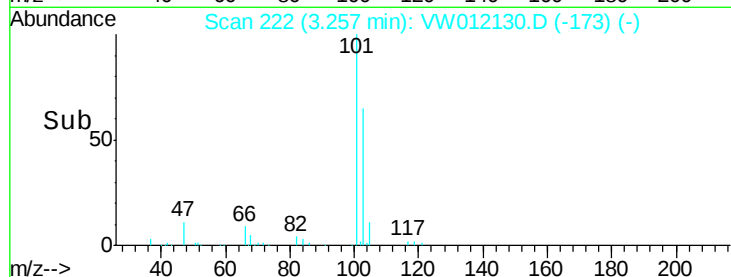
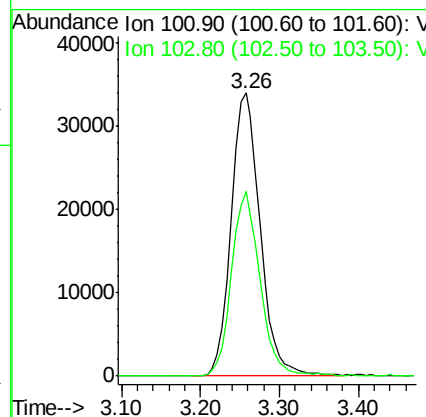
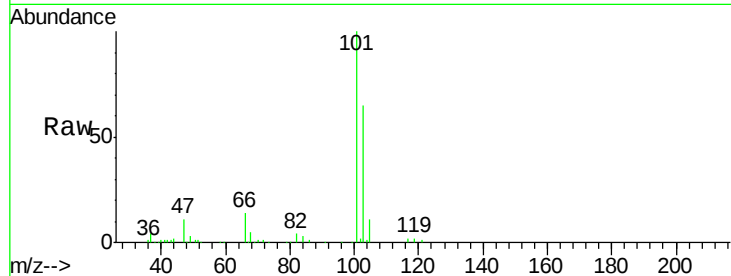
Trichlorofluoromethane
Concen: 55.198 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW012130.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	87252		
103	65.1	51.2	76.8	

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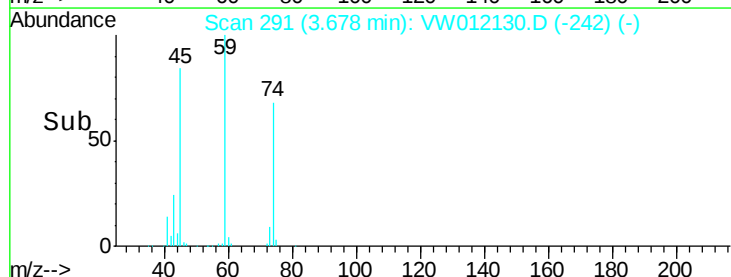
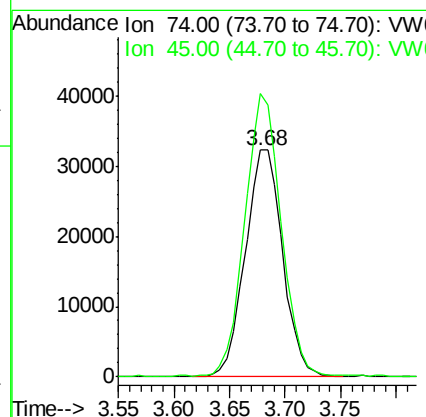
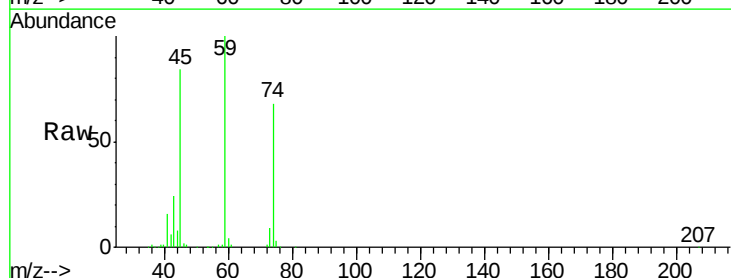
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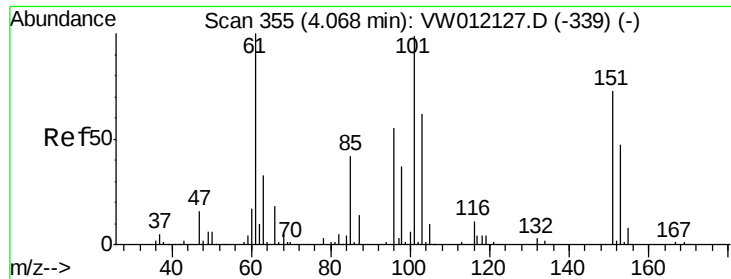


#8

Diethyl Ether
Concen: 50.233 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012130.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	75369		
45	120.2	59.2	177.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.303 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

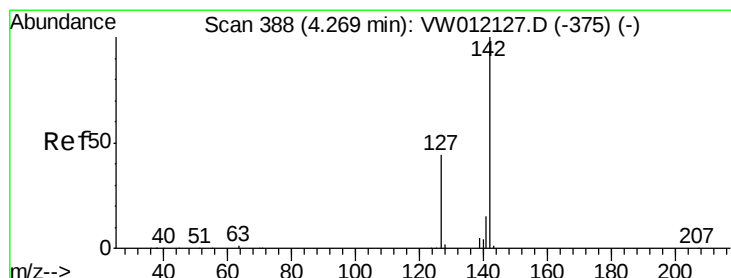
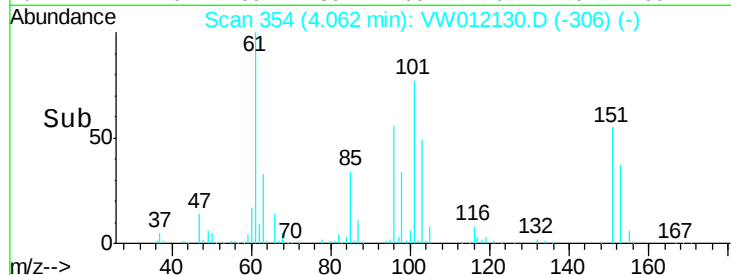
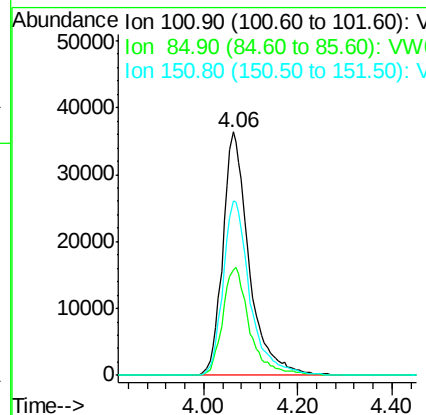
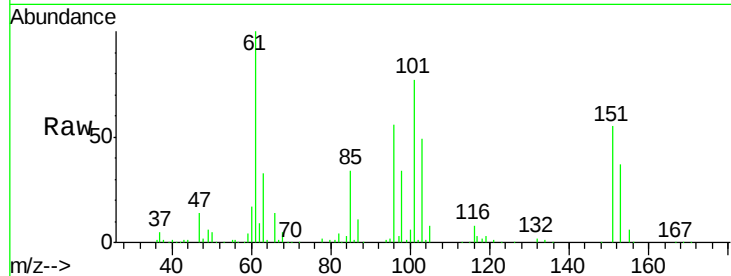
ClientSampleId :

ICVW082319

Tot Ion:	101	Resp:	140533
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.8	53.6
151	73.6	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 52.069 ug/l

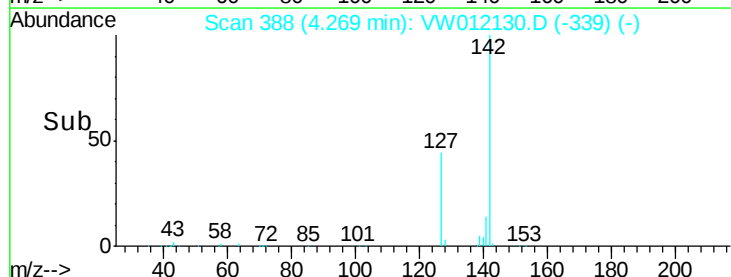
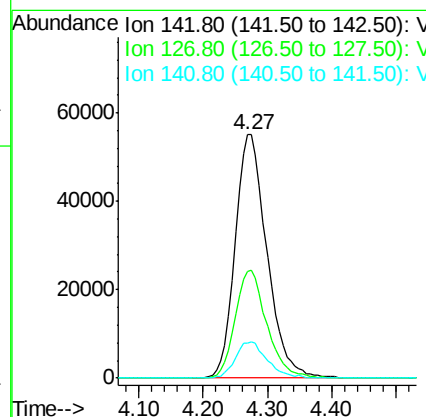
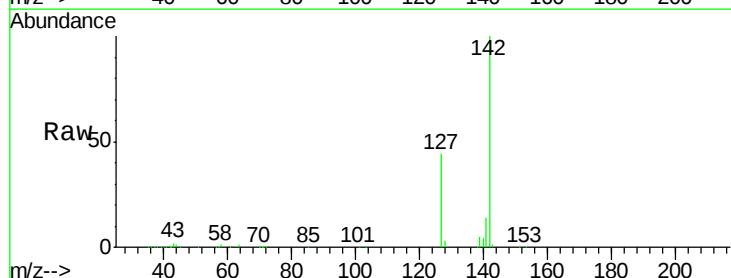
RT: 4.27 min Scan# 388

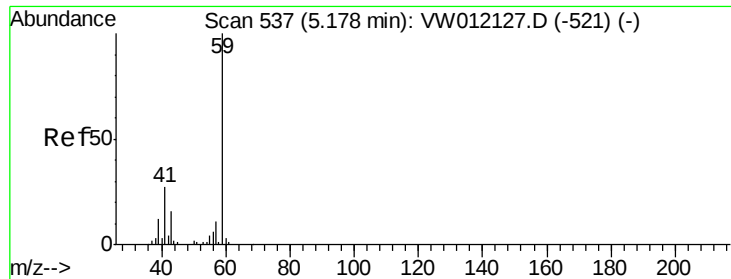
Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion:	142	Resp:	189294
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.5	53.3
141	14.8	11.8	17.8





#11

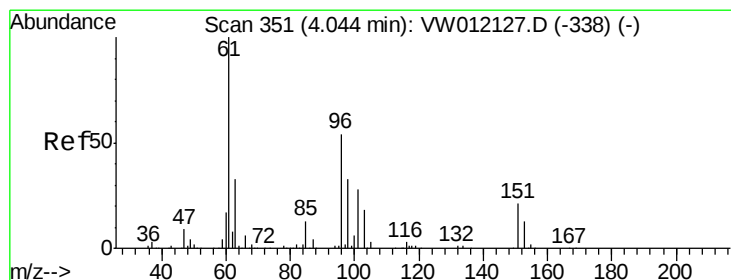
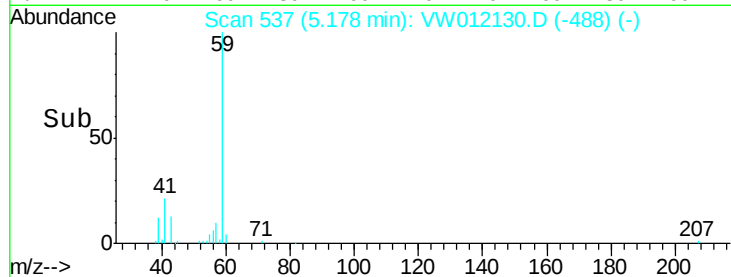
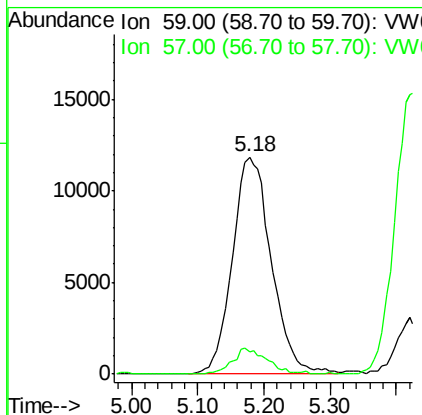
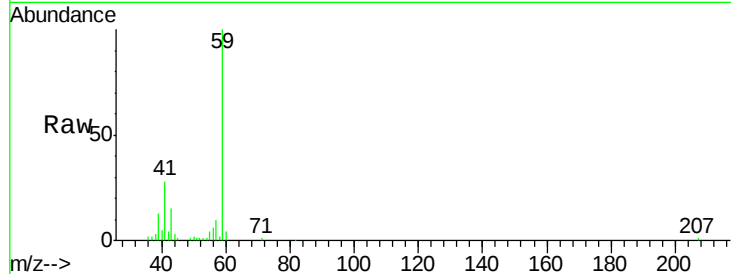
Tert butyl alcohol
Concen: 251.293 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	59	57	Ratio	100	10.5	Resp	48469	Lower	Upper
59	100								
57		10.5						9.0	13.4

Manual Integrations
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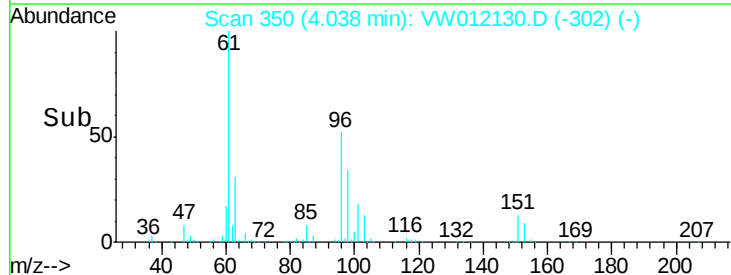
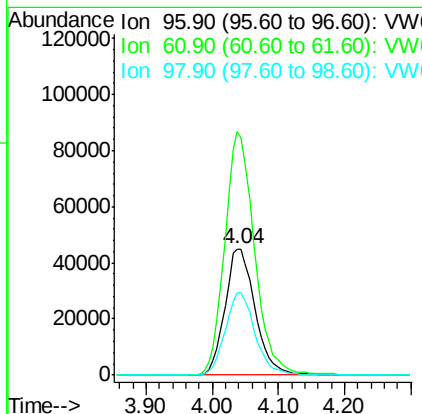
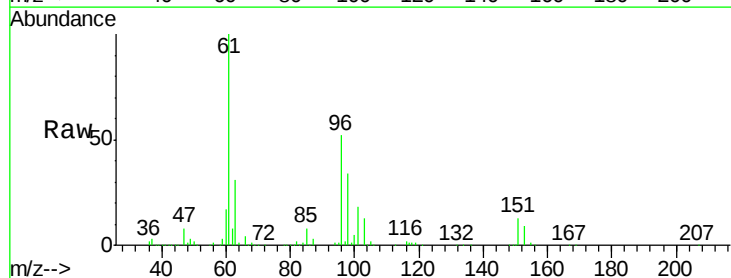
MMDadoda
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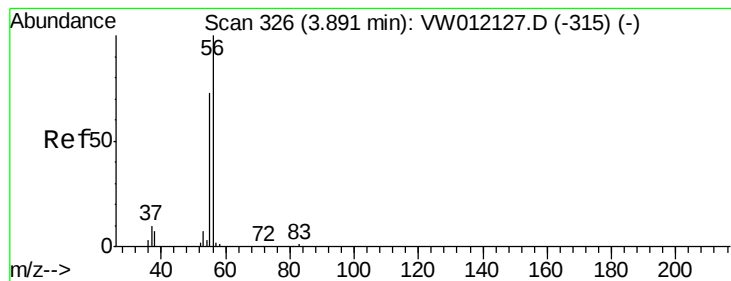


#12

1,1-Dichloroethene
Concen: 52.611 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	96	61	98	Ratio	100	193.1	64.9	Resp	142279	Lower	Upper
96	100										
61		193.1								149.1	223.7
98		64.9								49.4	74.2





#13

Acrolein

Concen: 228.695 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion: 56 Resp: 41522

Ion Ratio Lower Upper

56 100

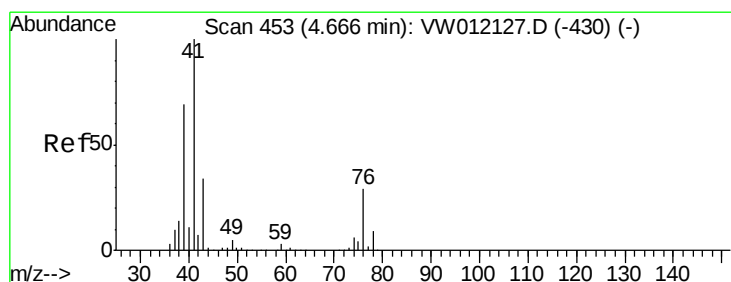
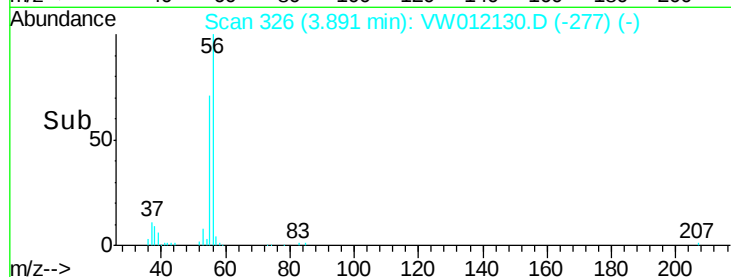
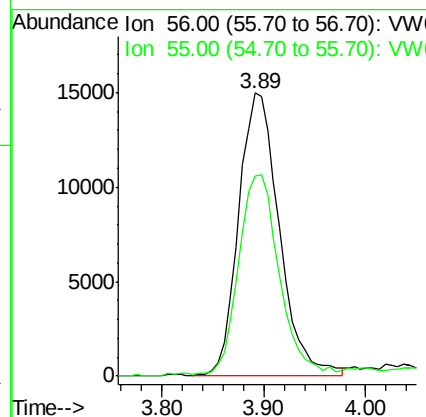
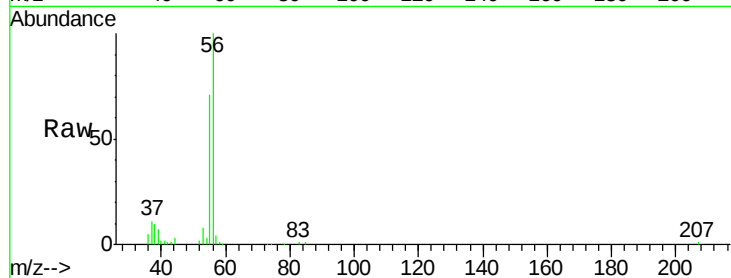
55 69.3 55.8 83.8

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 53.060 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

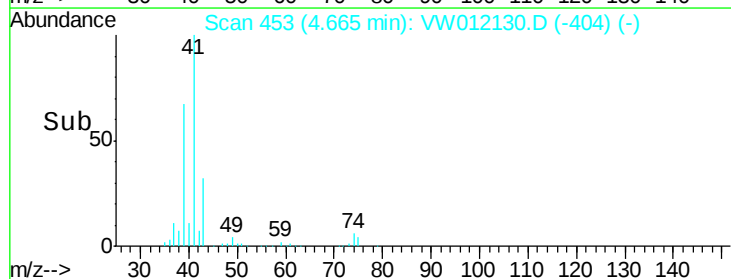
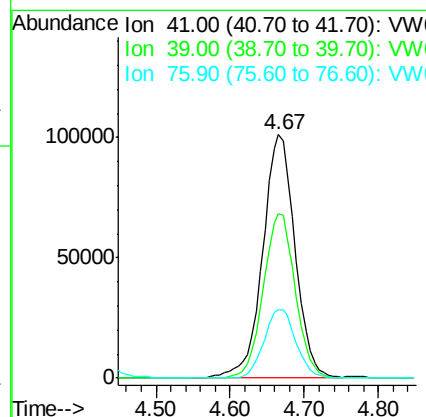
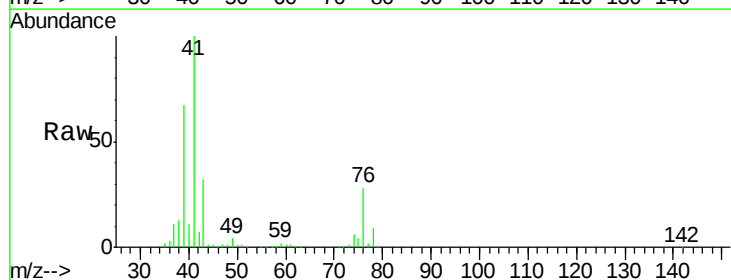
Tgt Ion: 41 Resp: 306769

Ion Ratio Lower Upper

41 100

39 66.7 53.4 80.2

76 27.9 22.1 33.1





#15

Acrylonitrile

Concen: 250.503 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

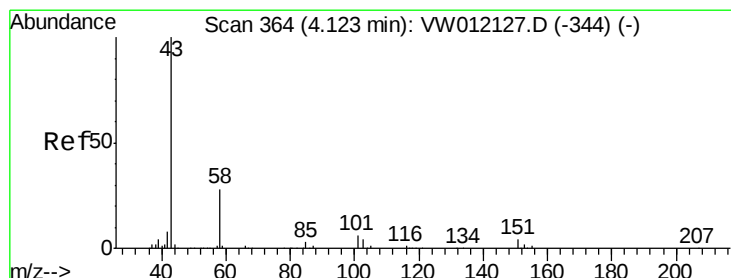
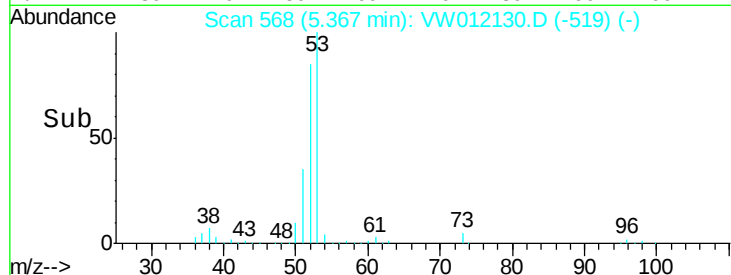
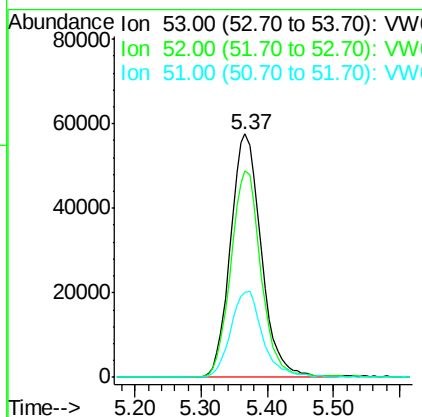
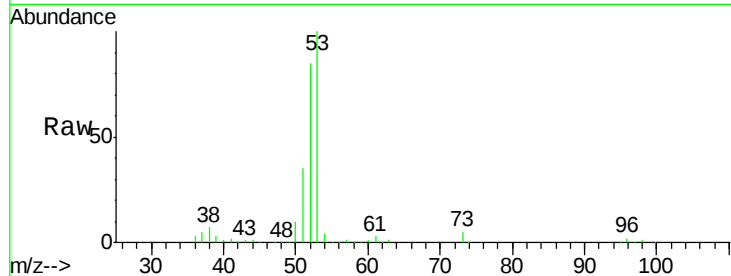
ClientSampleId :

ICVW082319

Tot Ion:	53	Resp:	186296
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	36.5	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 279.390 ug/l

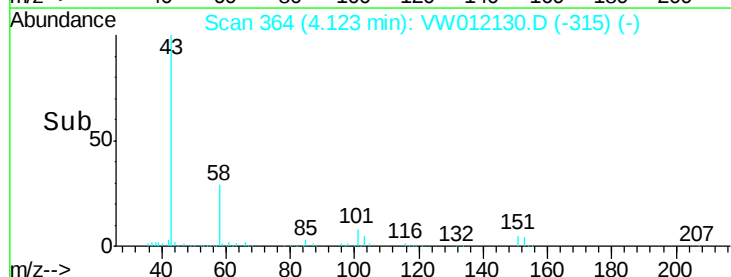
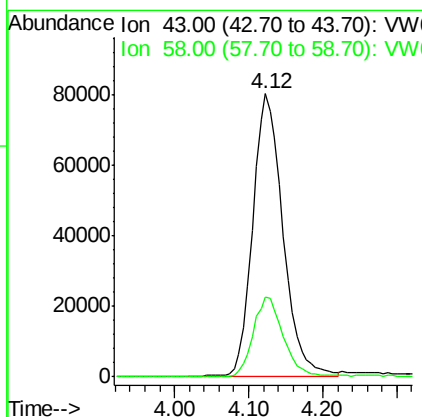
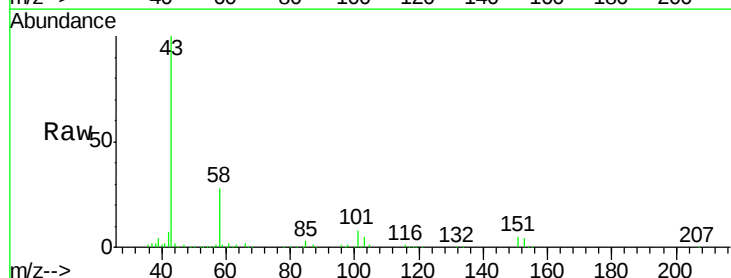
RT: 4.12 min Scan# 364

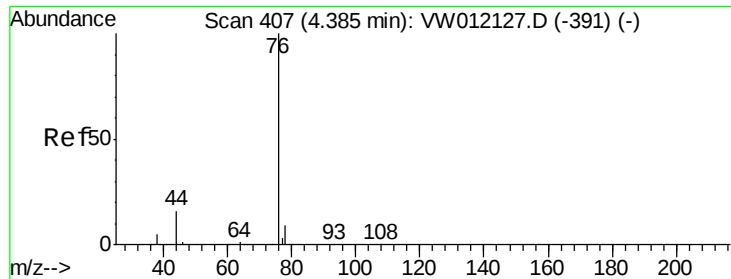
Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion:	43	Resp:	228898
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.4	33.6





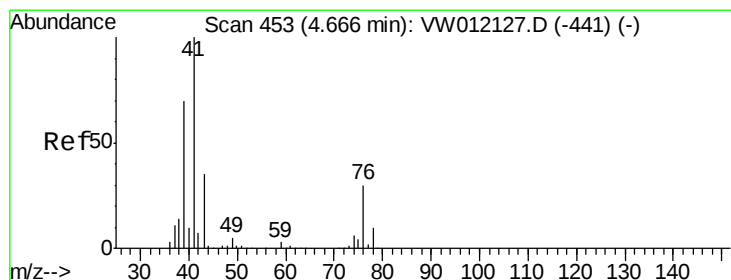
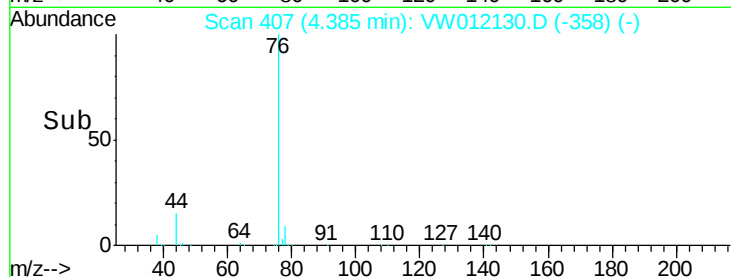
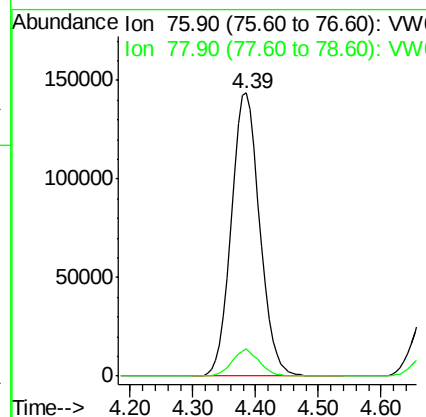
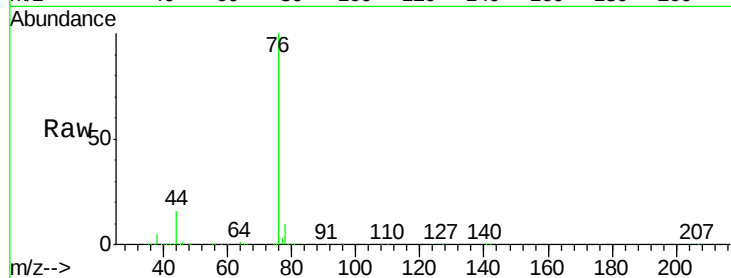
#17
Carbon Disulfide
Concen: 55.093 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

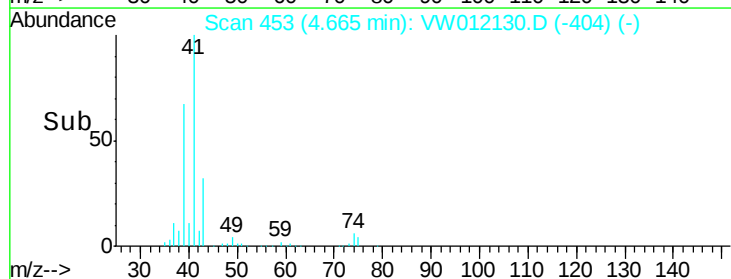
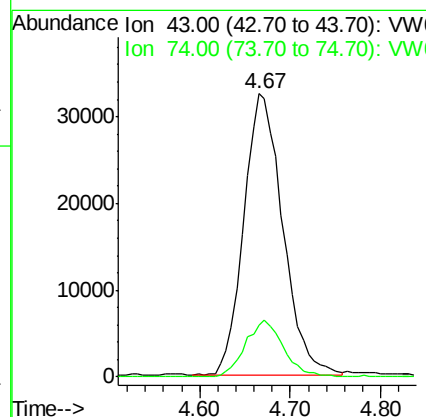
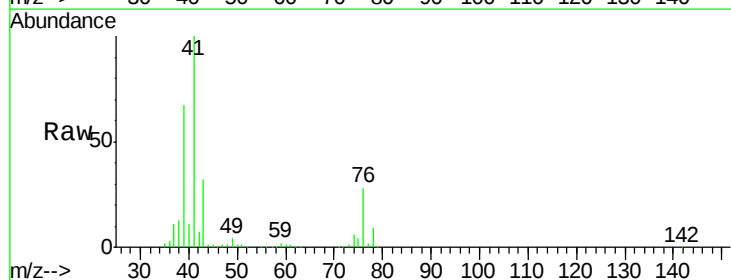
Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:39:22 AM



#18
Methyl Acetate
Concen: 47.772 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.7	15.7	23.5





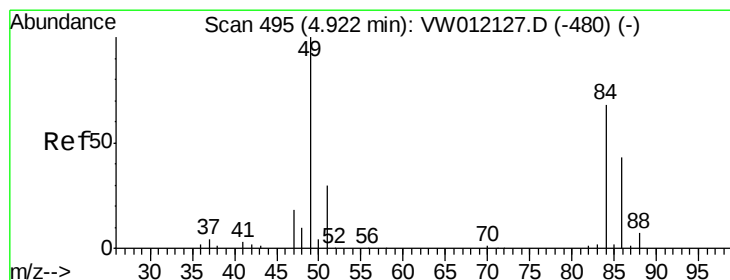
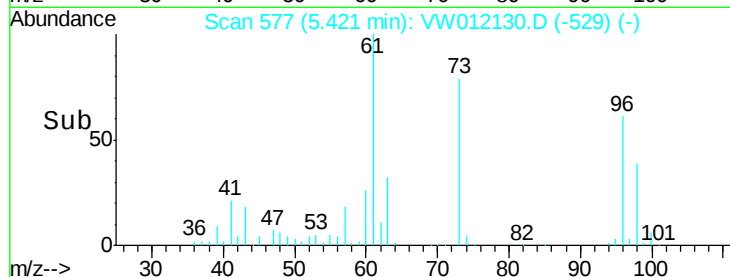
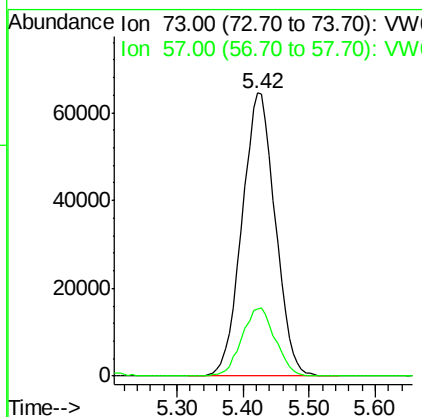
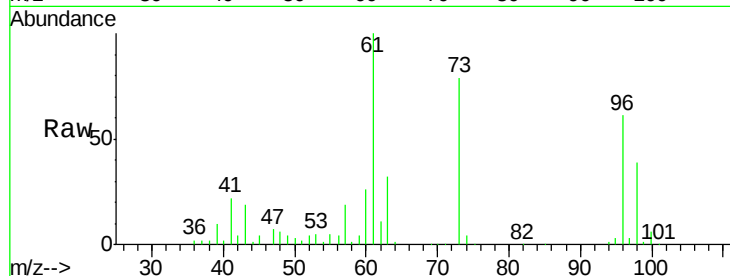
#19
Methyl tert-butyl Ether
Concen: 51.503 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.9	28.3

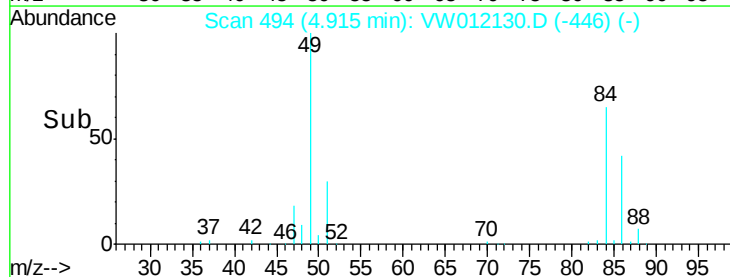
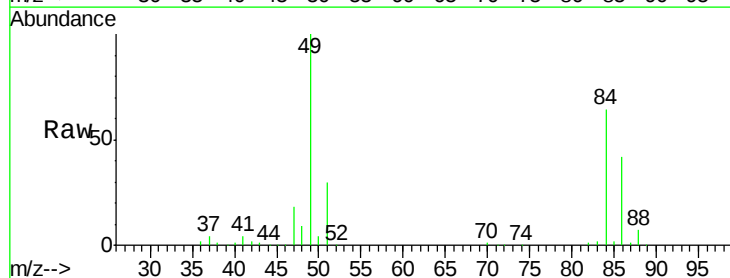
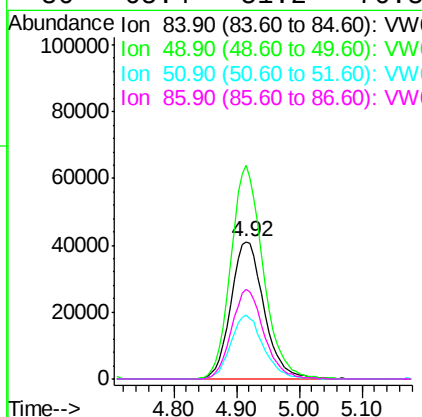
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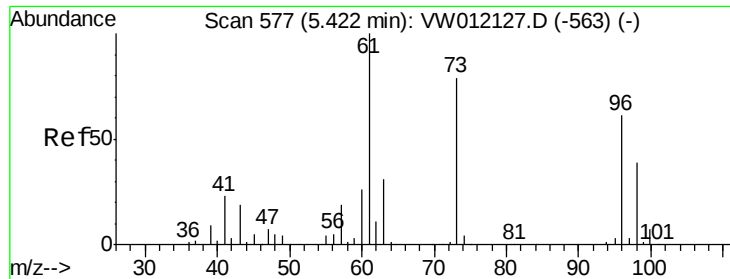
MMDadoda
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#20
Methylene Chloride
Concen: 48.576 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	155.7	117.8	176.8
51	46.5	35.6	53.4
86	65.4	51.2	76.8





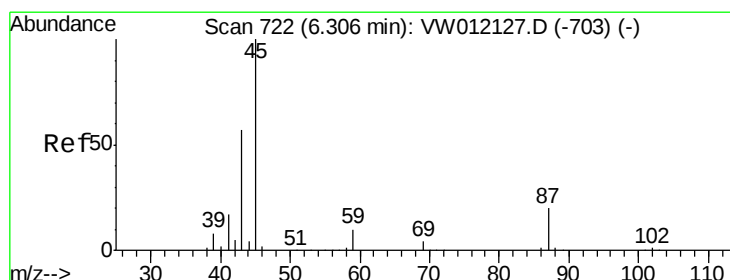
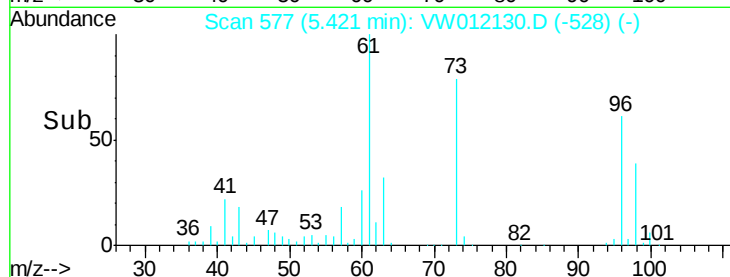
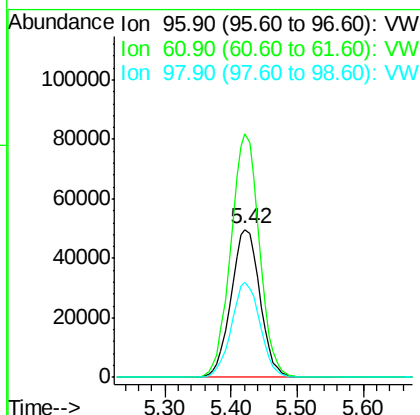
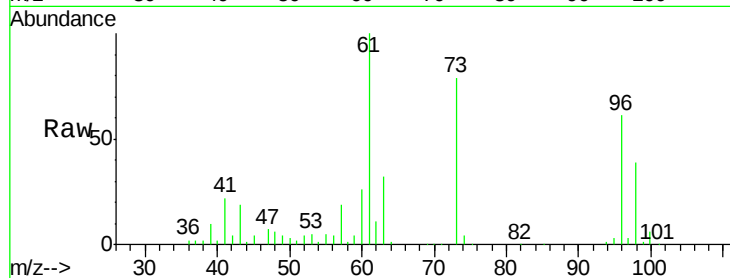
#21
trans-1,2-Dichloroethene
Concen: 51.839 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.8	131.4	197.0
98	64.6	51.4	77.0

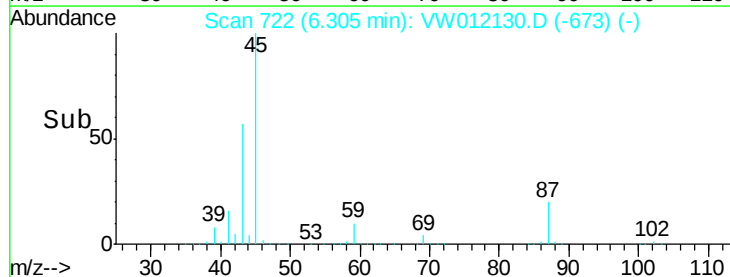
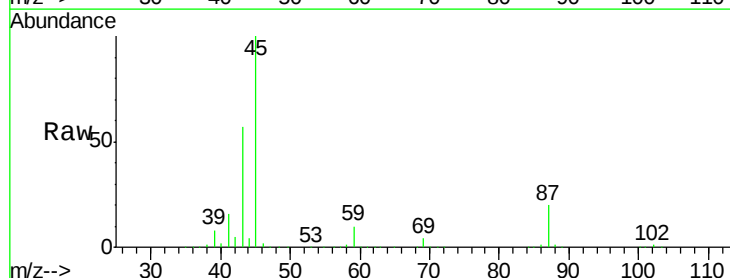
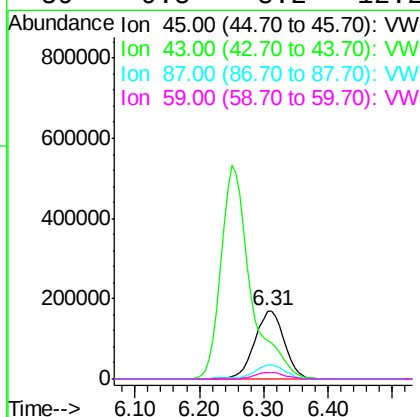
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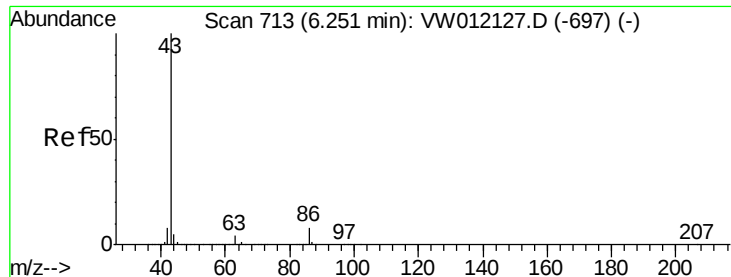
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#22
Diisopropyl ether
Concen: 50.717 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.7	45.5	68.3
87	20.4	16.1	24.1
59	9.5	8.2	12.2





#23

Vinyl Acetate

Concen: 261.754 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion: 43 Resp: 1726304

Ion Ratio Lower Upper

43 100

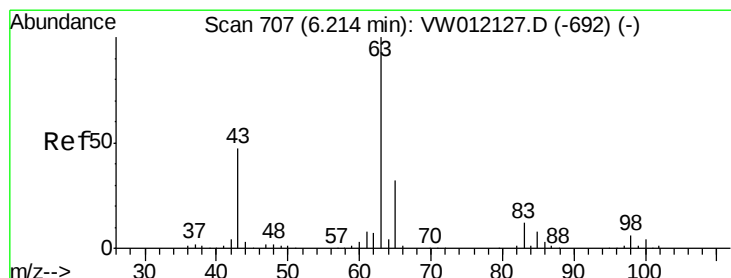
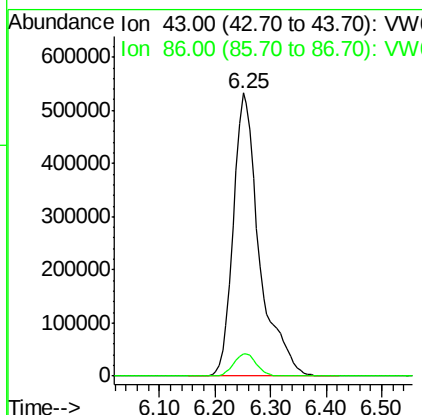
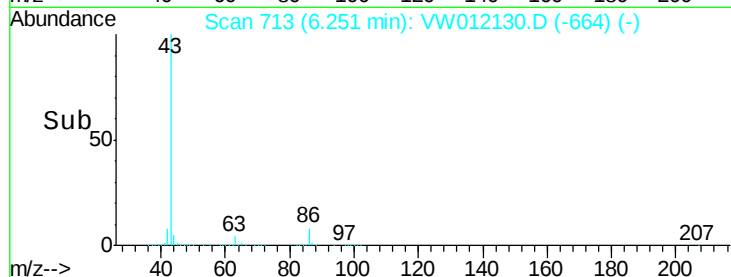
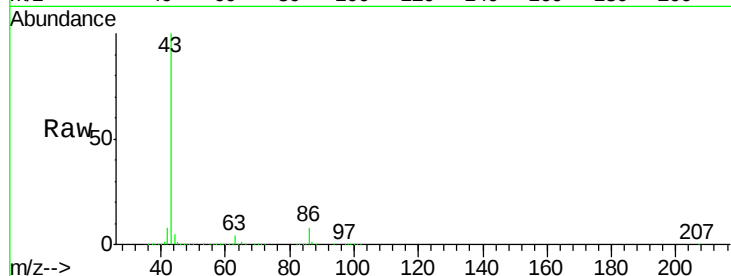
86 7.9 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.280 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

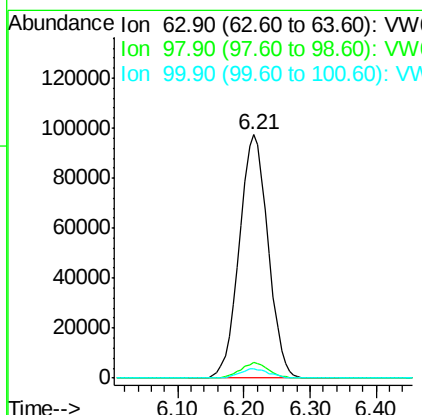
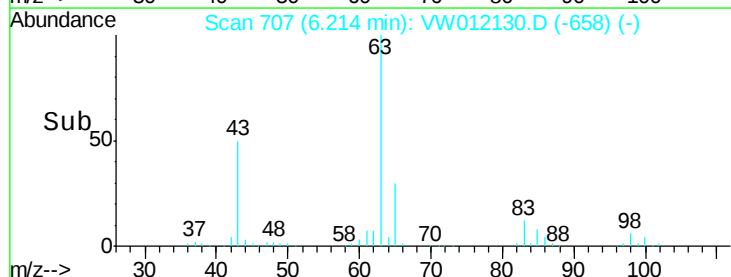
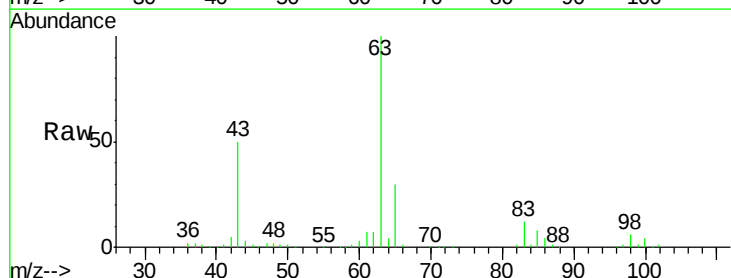
Tgt Ion: 63 Resp: 293381

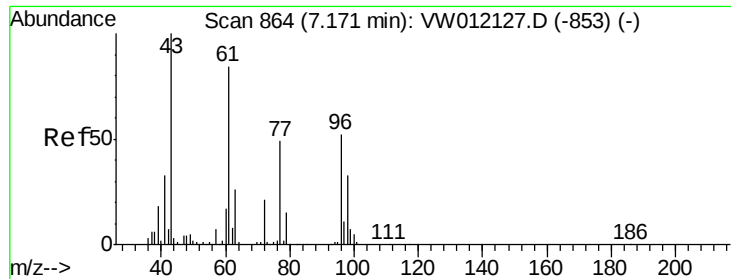
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 258.957 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion: 43 Resp: 288298

Ion Ratio Lower Upper

43 100

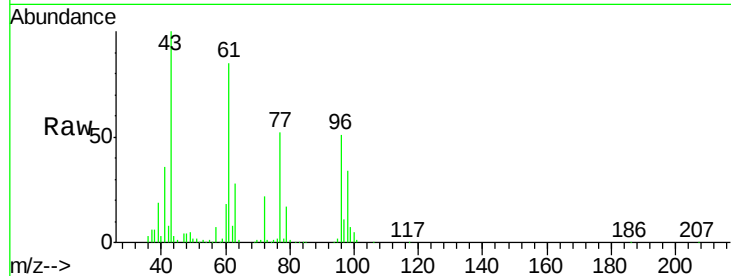
72 21.6 16.6 24.8

Manual Integrations

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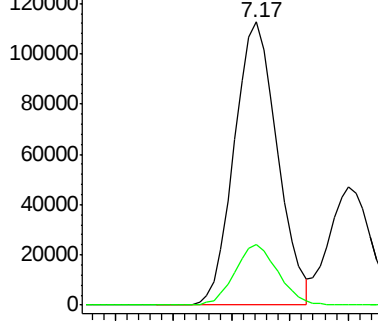
MMDadoda

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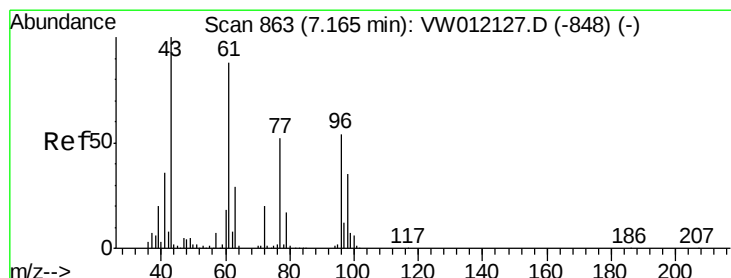
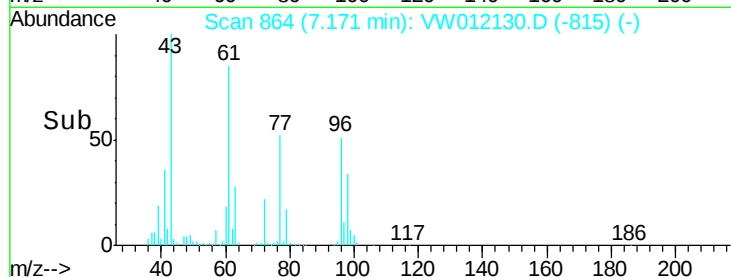


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#26

2,2-Dichloropropane

Concen: 52.813 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012130.D

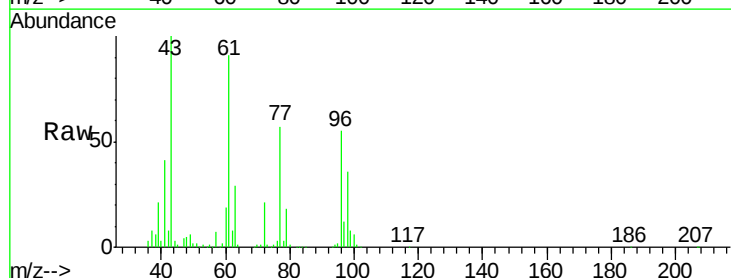
Acq: 23 Aug 2019 13:41

Tgt Ion: 77 Resp: 174425

Ion Ratio Lower Upper

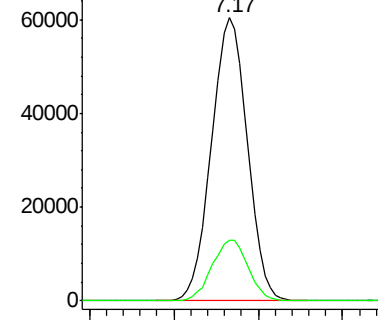
77 100

97 21.6 11.1 33.1

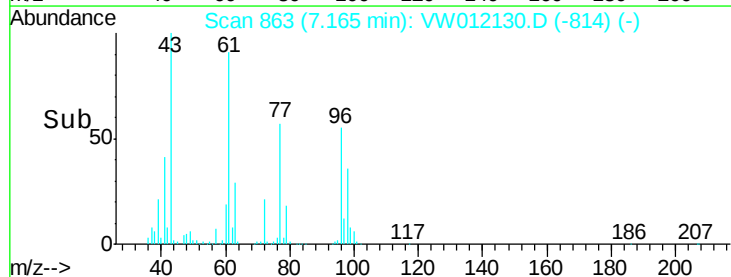


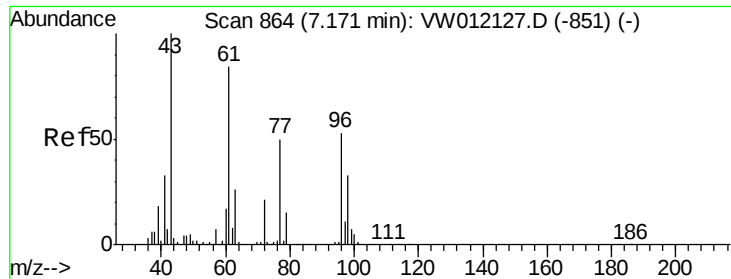
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->





#27

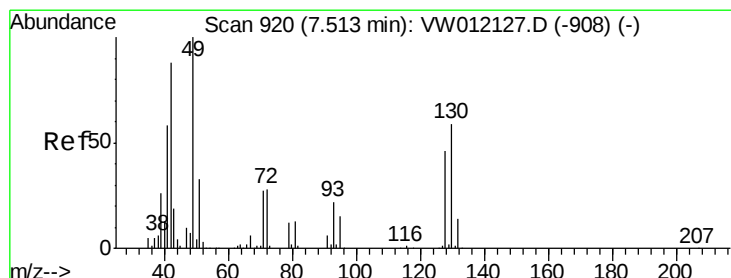
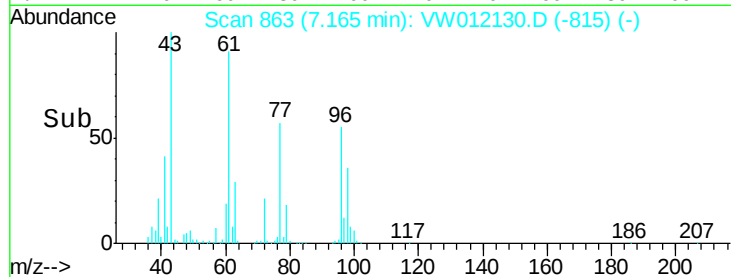
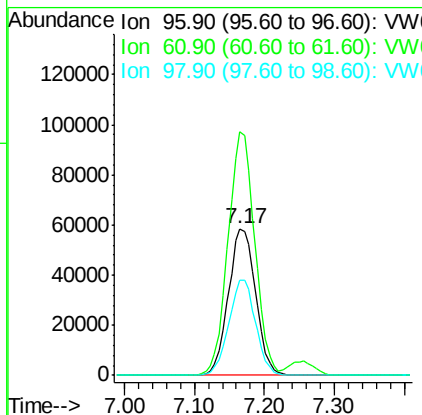
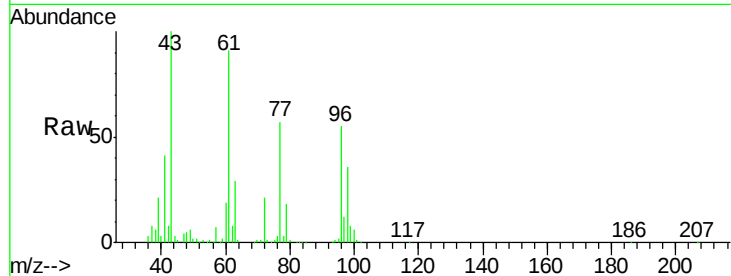
cis-1,2-Dichloroethene
Concen: 51.066 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Resp	Lower	Upper
96	100	158224		
61	162.8	0.0	326.6	
98	63.9	0.0	127.4	

Manual Integrations
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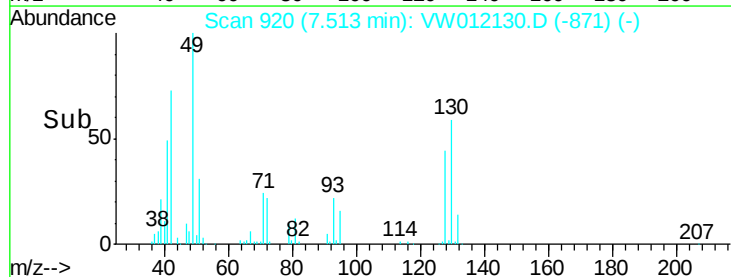
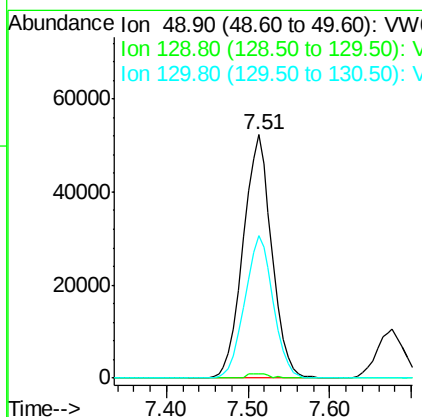
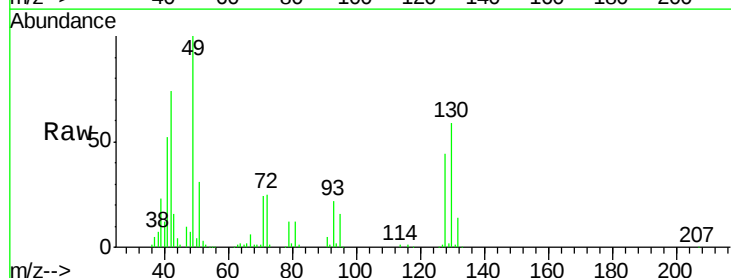
MMDadoda
8/26/2019 11:39:22 AM

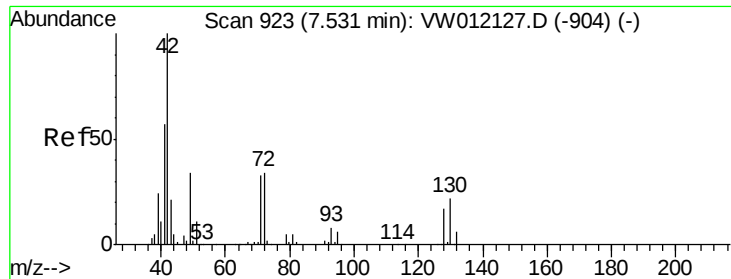


#28

Bromochloromethane
Concen: 50.085 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	127374		
129	1.4	0.0	1.4	
130	58.0	45.5	68.3	





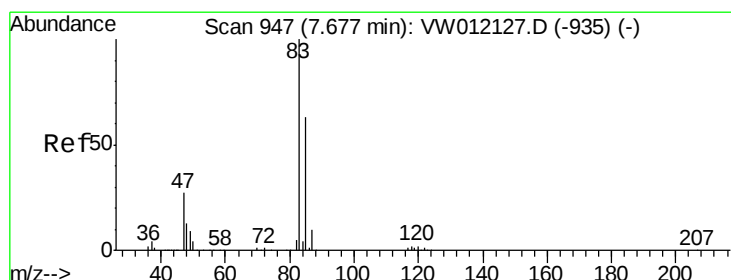
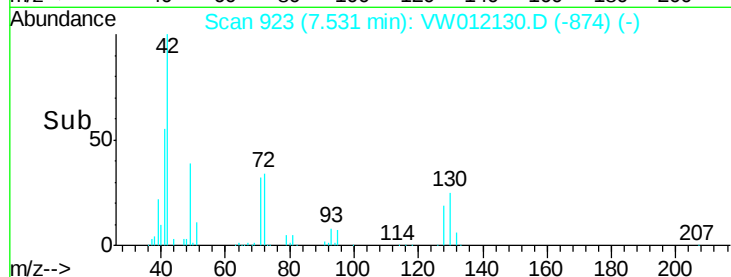
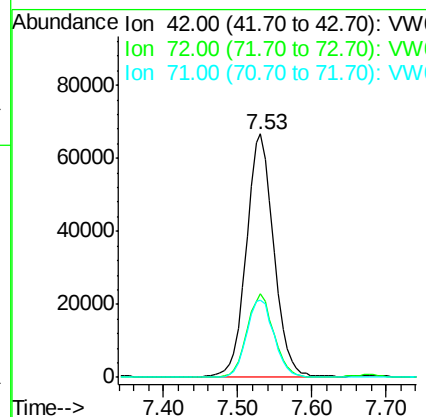
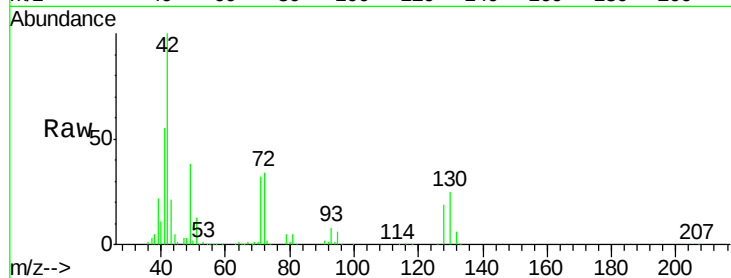
#29
Tetrahydrofuran
Concen: 257.799 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.6	27.3	40.9
71	32.1	25.5	38.3

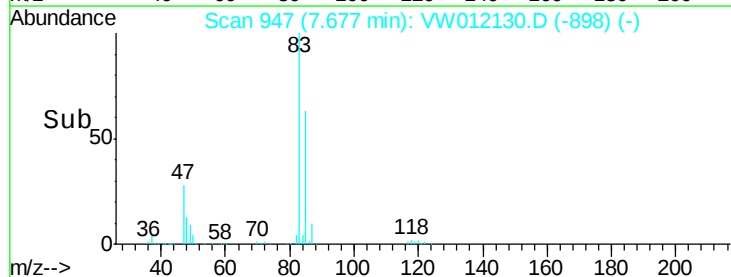
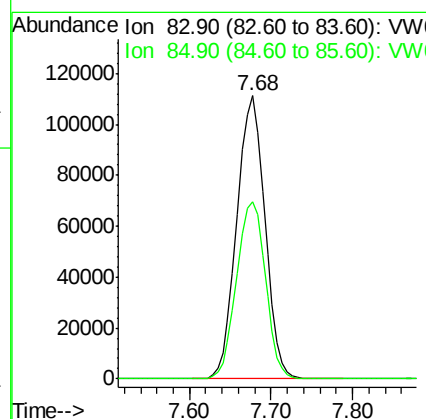
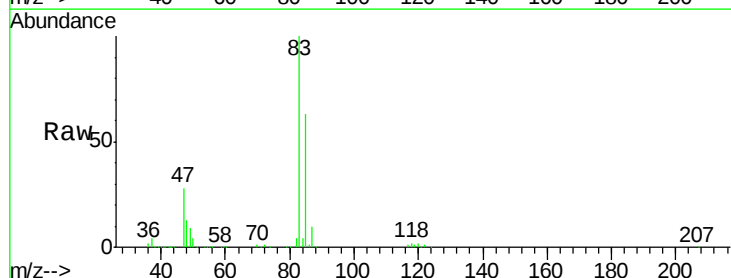
Manual Integrations
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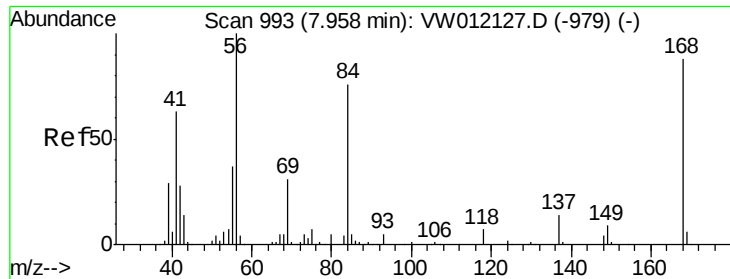
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#30
Chloroform
Concen: 49.585 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	76.0





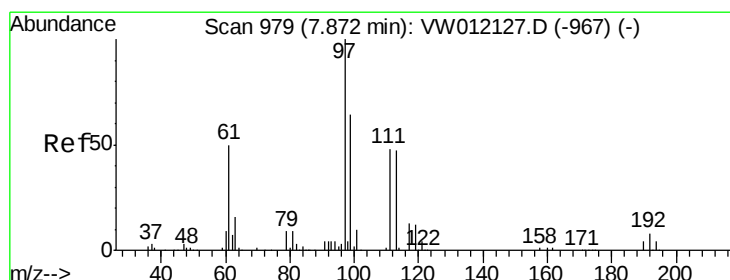
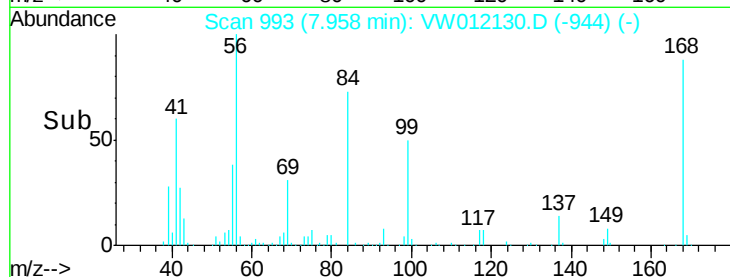
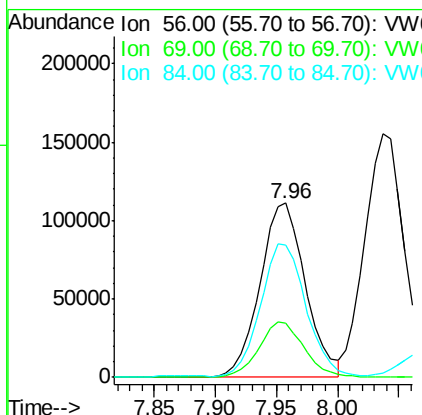
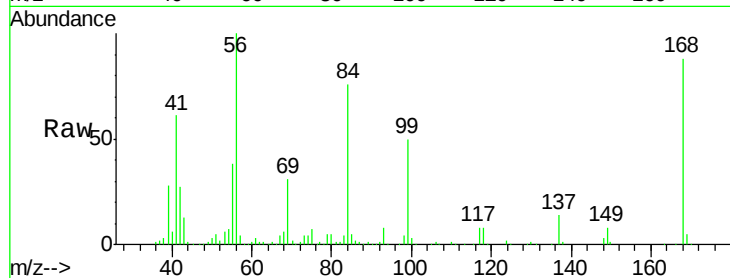
#31
Cyclohexane
Concen: 49.826 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.9	37.3
84	74.5	60.6	90.8

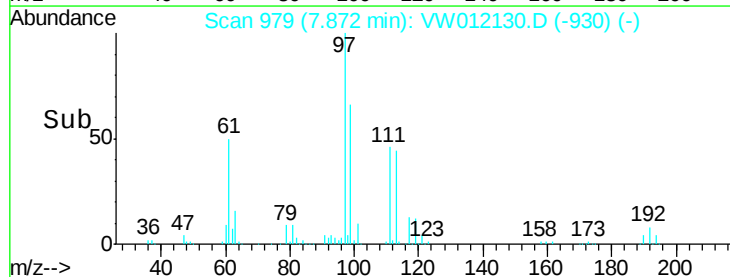
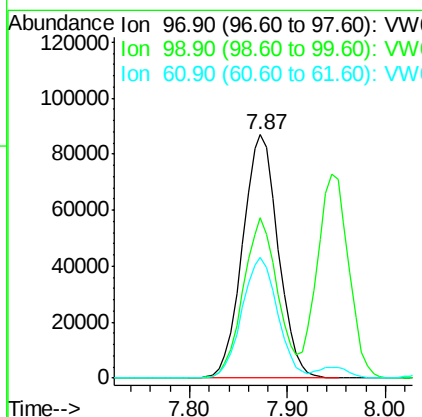
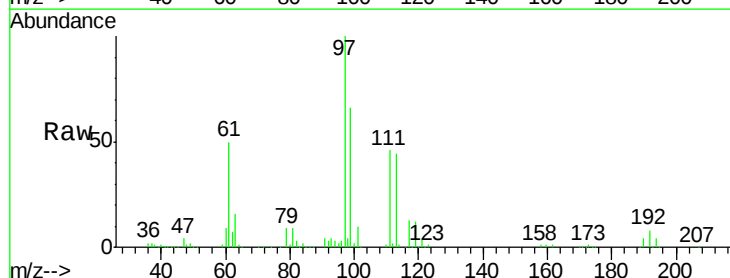
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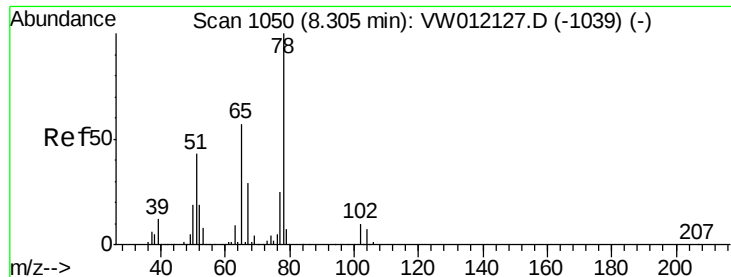
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#32
1,1,1-Trichloroethane
Concen: 51.838 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	49.7	39.5	59.3





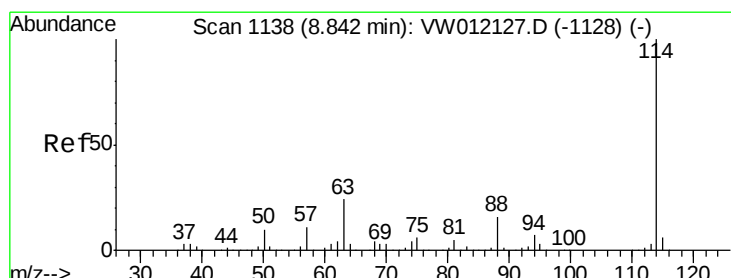
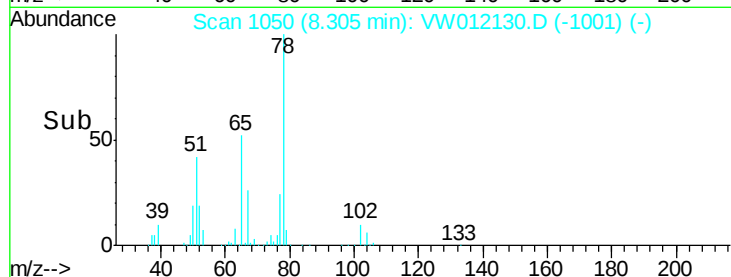
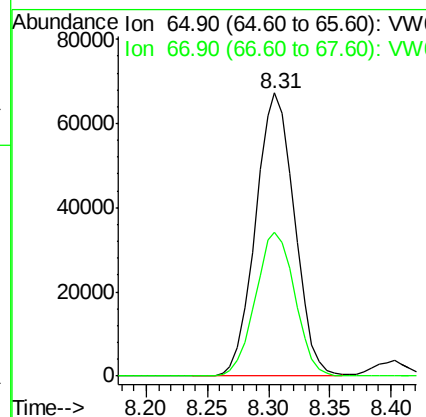
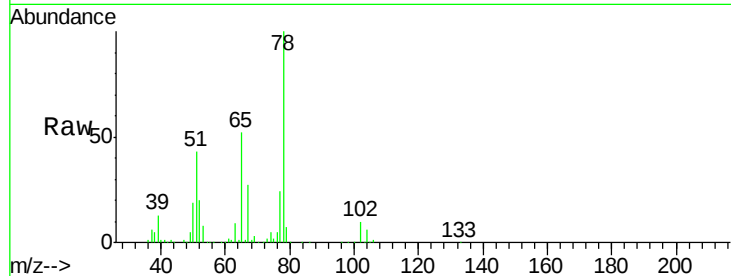
#33
 1,2-Dichloroethane-d4
 Concen: 46.423 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

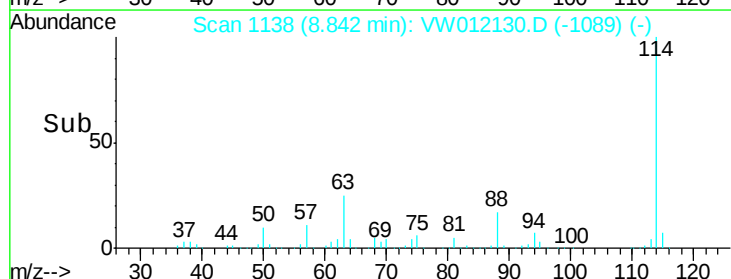
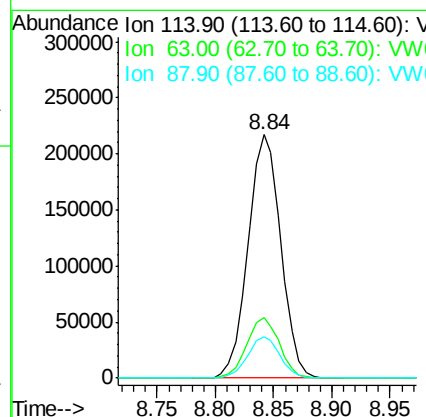
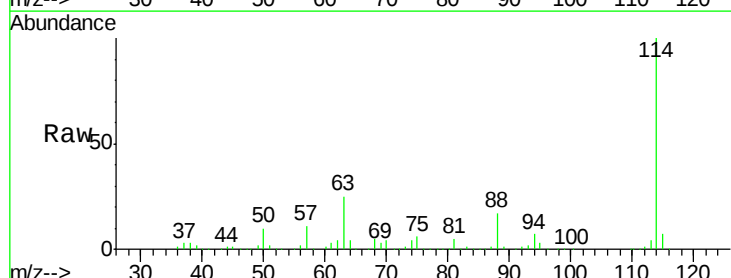
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

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





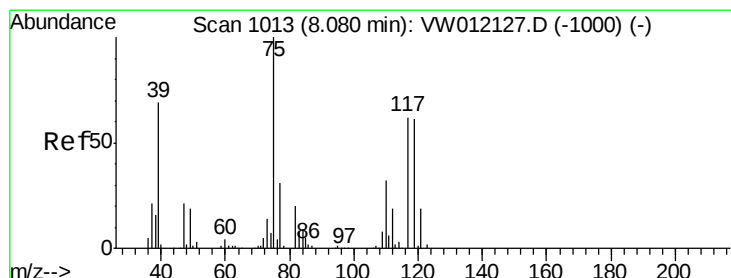
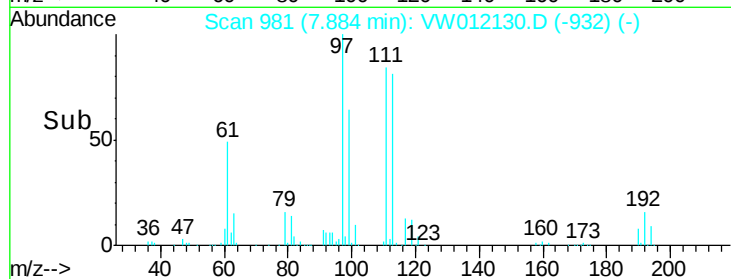
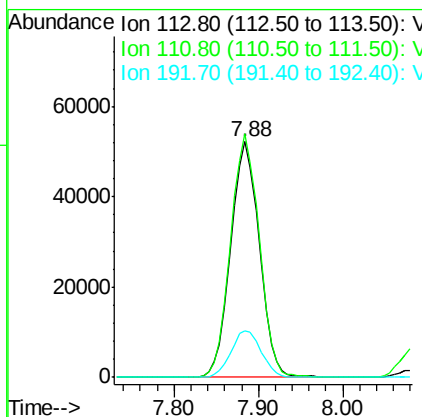
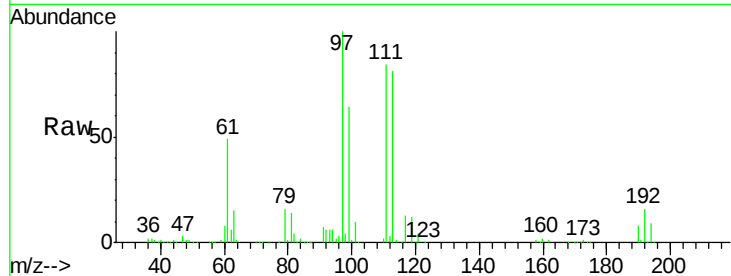
#35
 Dibromofluoromethane
 Concen: 47.234 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120340		
111	103.7	82.7	124.1	
192	20.8	16.2	24.2	

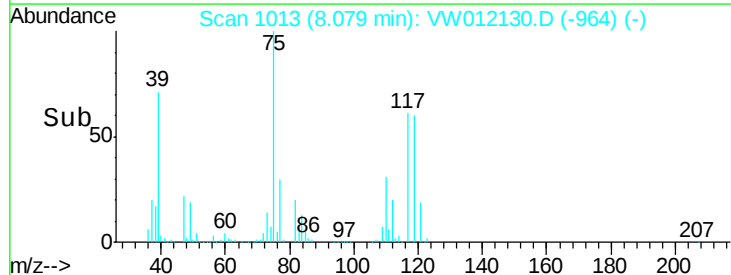
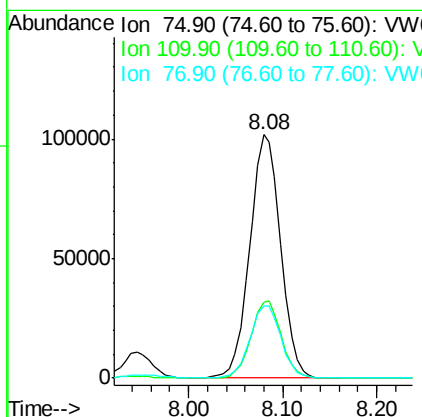
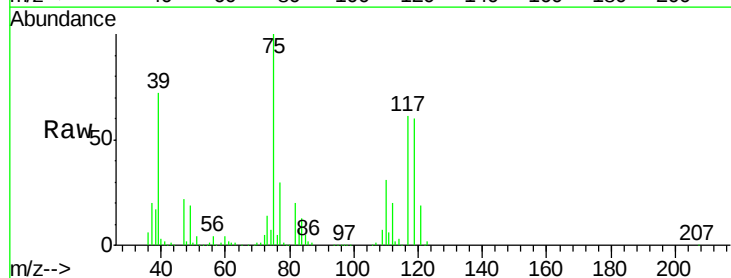
Manual Integrations
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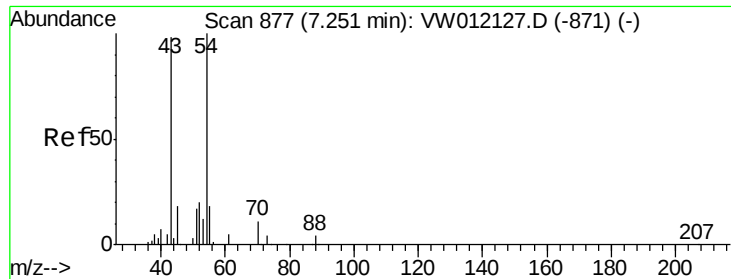
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#36
 1,1-Dichloropropene
 Concen: 52.908 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	233366		
110	31.0	15.6	46.8	
77	30.4	24.6	36.8	





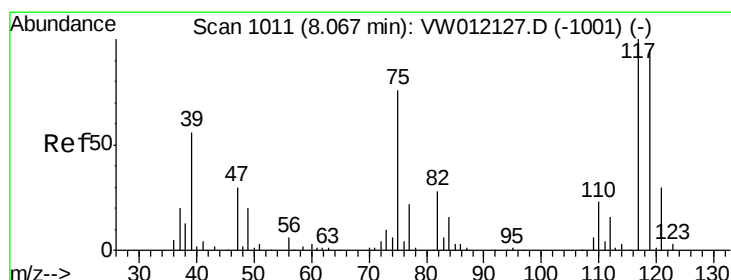
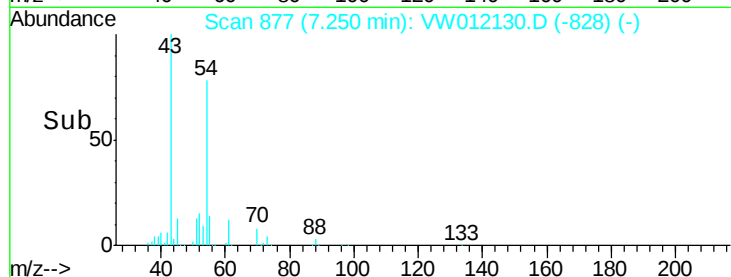
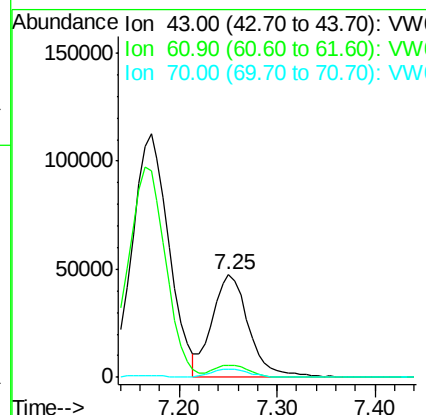
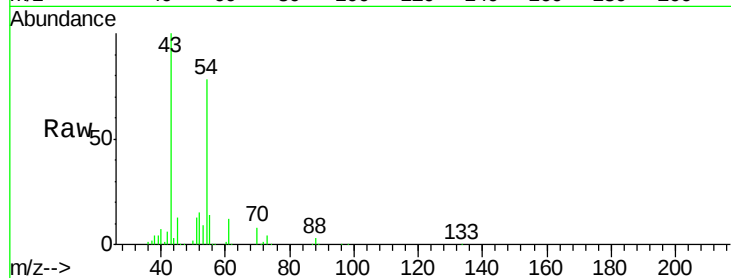
#37
Ethyl Acetate
Concen: 50.569 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Resp	Lower	Upper
43	100	122228		
61	12.1		9.2	13.8
70	8.6		6.9	10.3

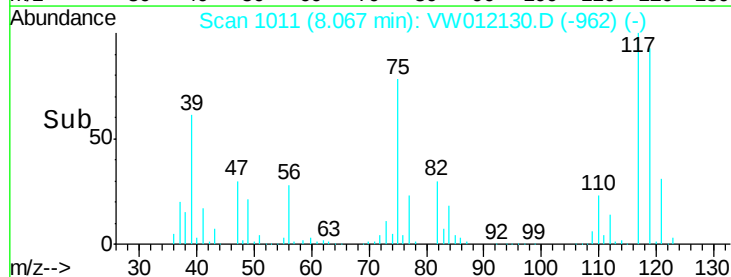
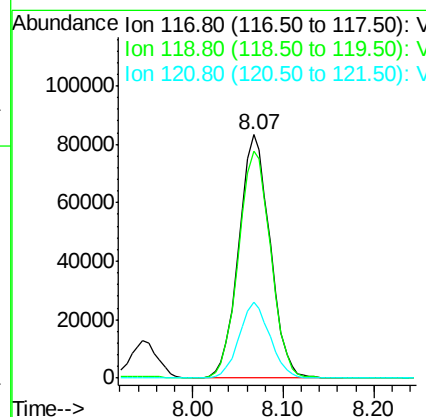
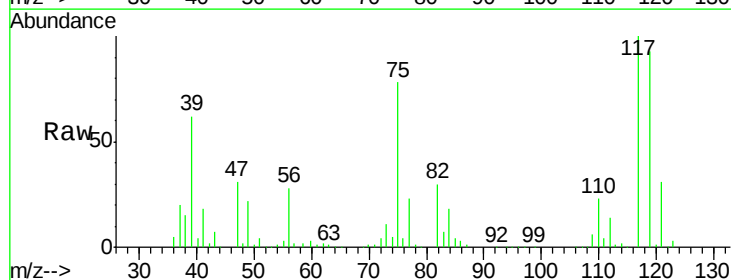
Manual Integrations
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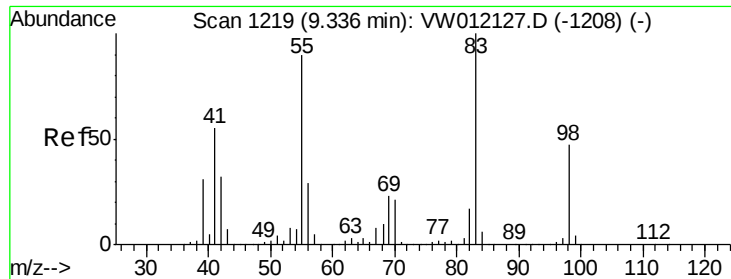
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#38
Carbon Tetrachloride
Concen: 52.505 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	200446		
119	93.1		76.2	114.2
121	31.1		23.8	35.8





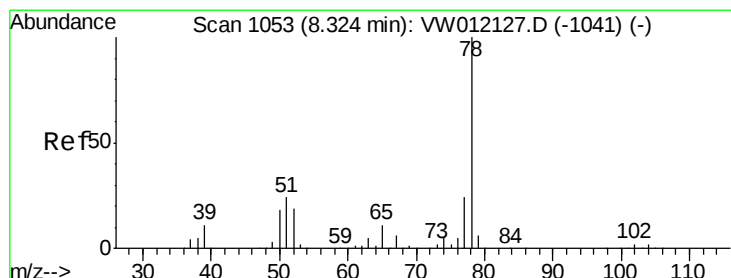
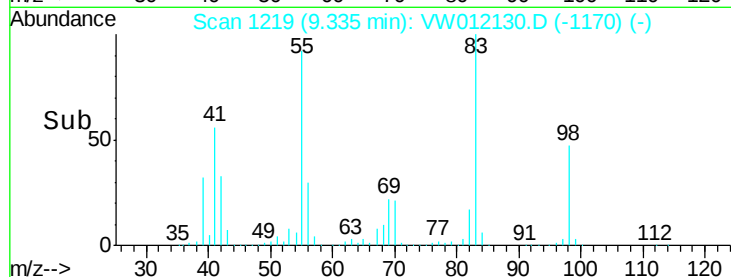
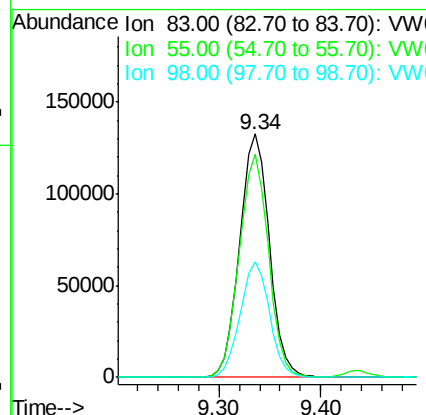
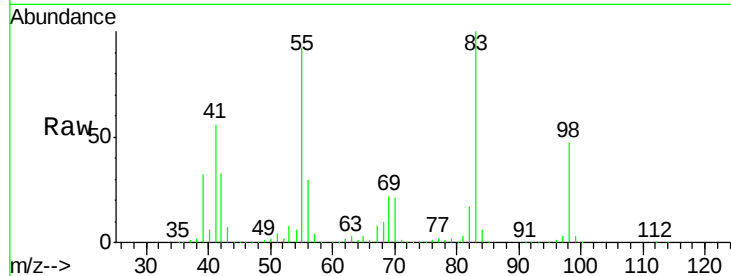
#39
Methvlcvclohexane
Concen: 54.062 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	83	Resp	267885
Ion Ratio	100	Lower	Upper
83	100		
55	91.7	71.8	107.8
98	47.3	37.8	56.8

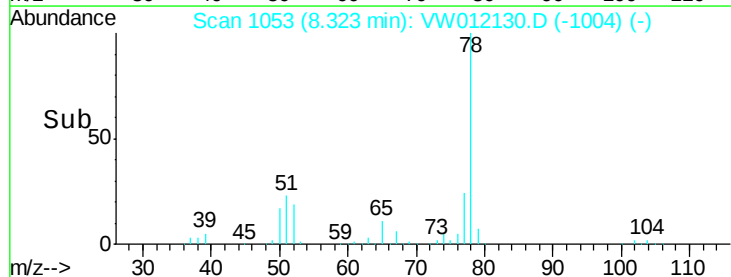
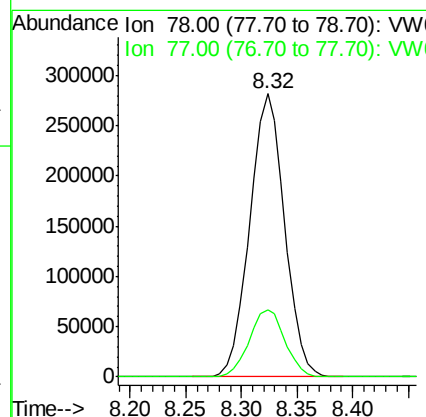
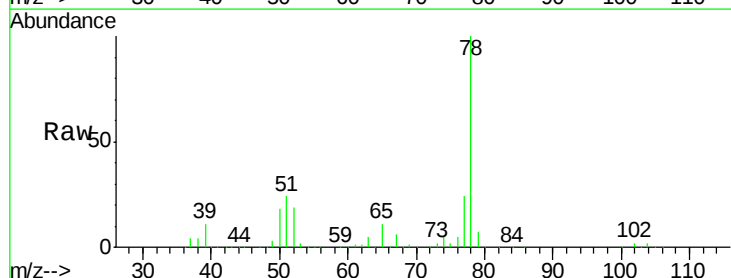
Manual Integrations
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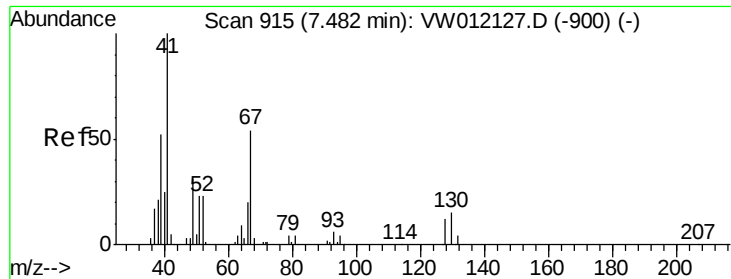
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#40
Benzene
Concen: 50.947 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	78	Resp	613608
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	19.5	29.3





#41

Methacrylonitrile

Concen: 56.332 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

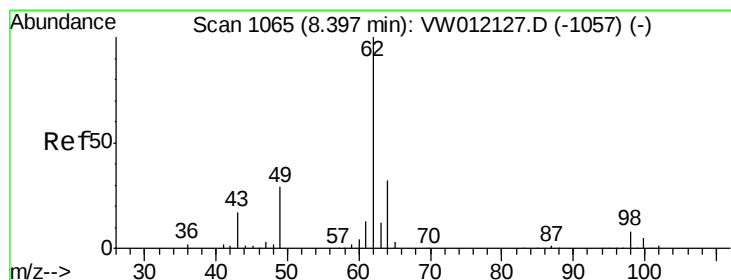
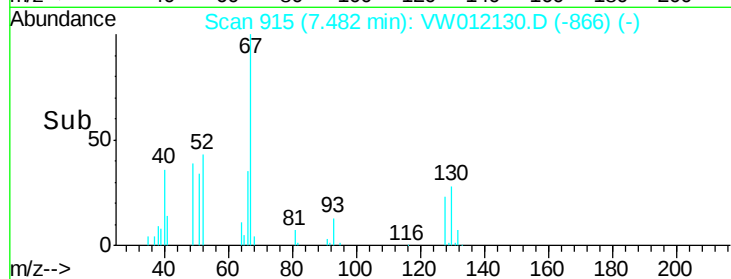
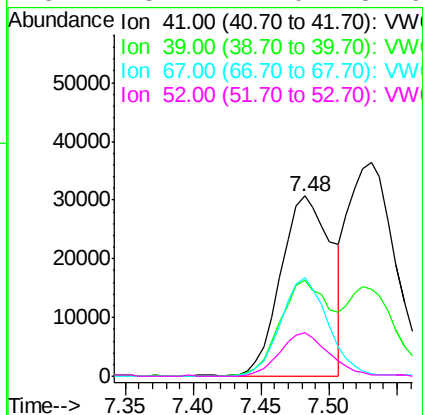
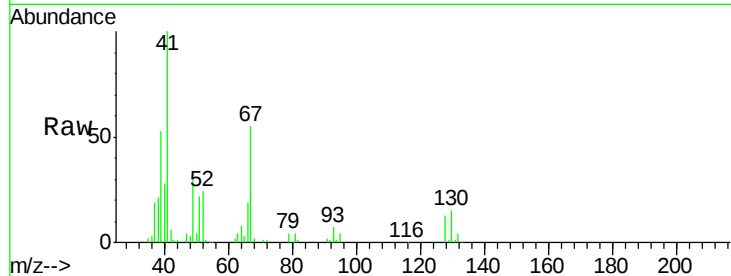
ClientSampleId :

ICVW082319

Tot Ion	41	Resp	80024
Ion	Ratio	Lower	Upper
41	100		
39	52.2	45.8	68.8
67	51.3	46.2	69.4
52	23.7	21.0	31.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.904 ug/l

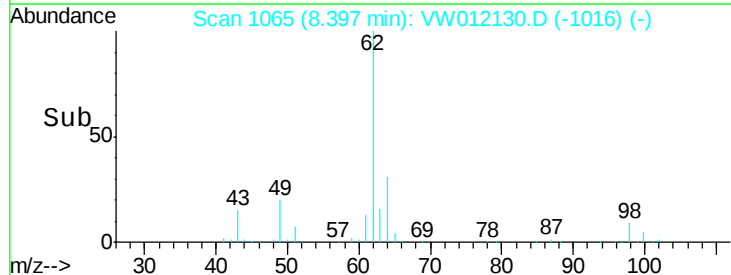
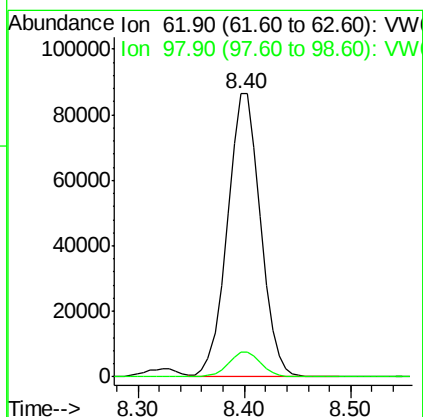
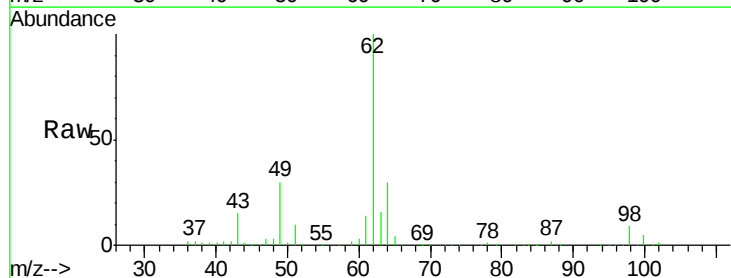
RT: 8.40 min Scan# 1065

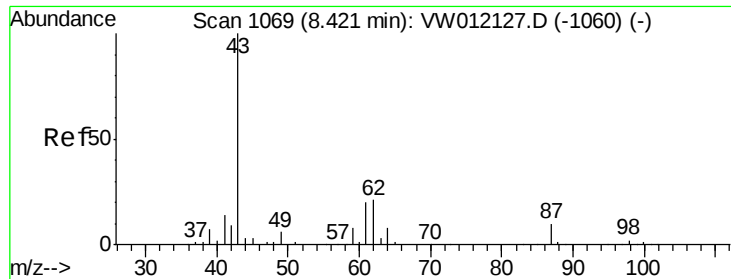
Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion	62	Resp	188372
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.197 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

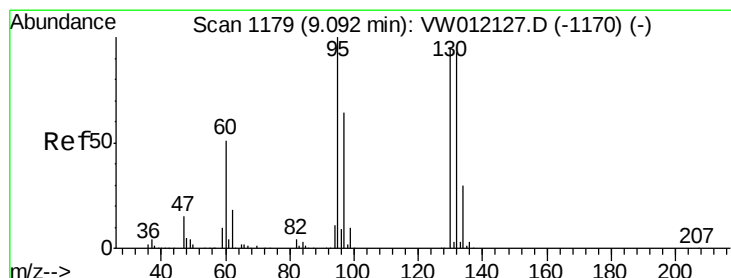
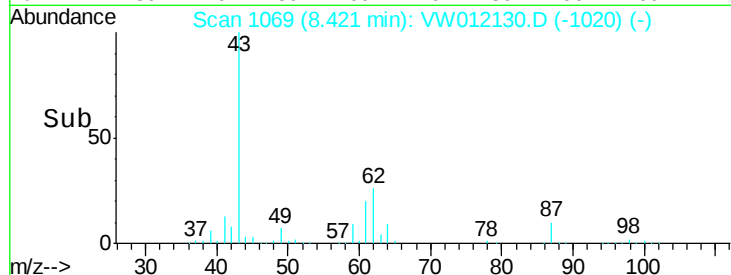
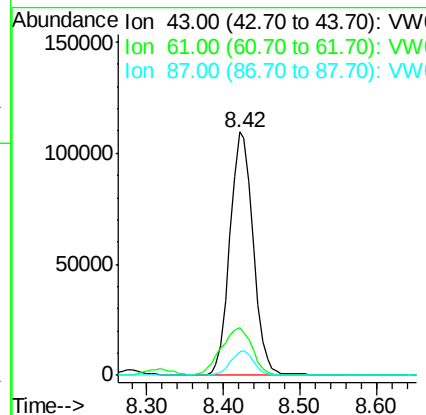
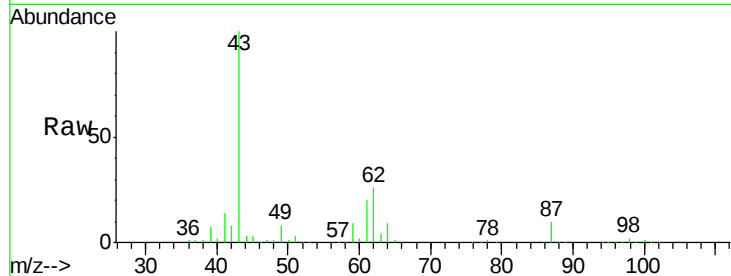
ClientSampleId :

ICVW082319

Tot Ion:	43	Resp:	229213
Ion	Ratio	Lower	Upper
43	100		
61	26.0	21.1	31.7
87	10.0	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 51.283 ug/l

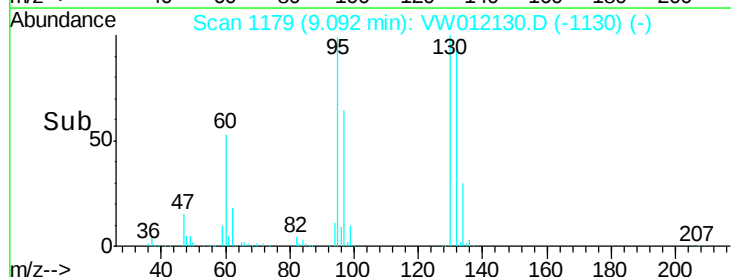
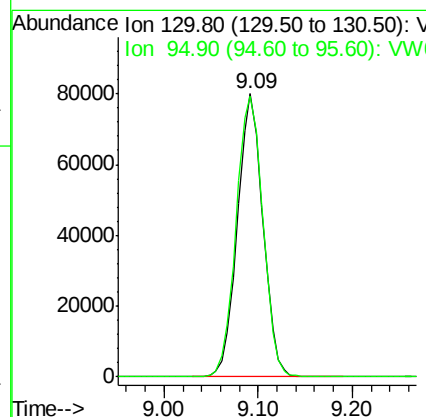
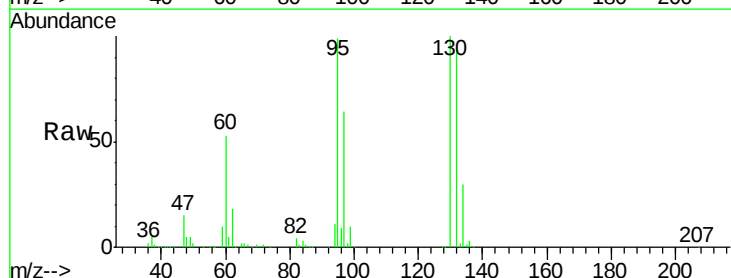
RT: 9.09 min Scan# 1179

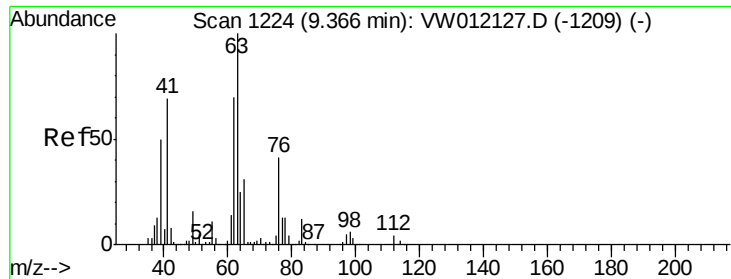
Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion:	130	Resp:	150148
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	210.6





#45

1,2-Dichloropropane

Concen: 50.219 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion: 63 Resp: 162778

Ion Ratio Lower Upper

63 100

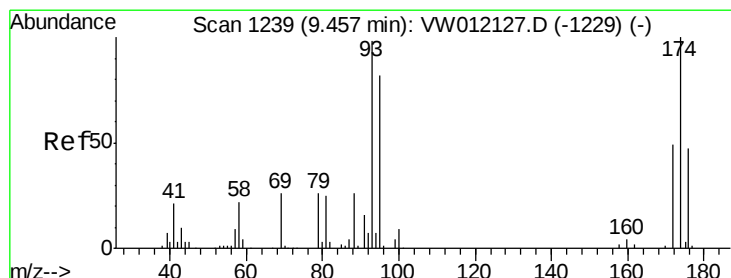
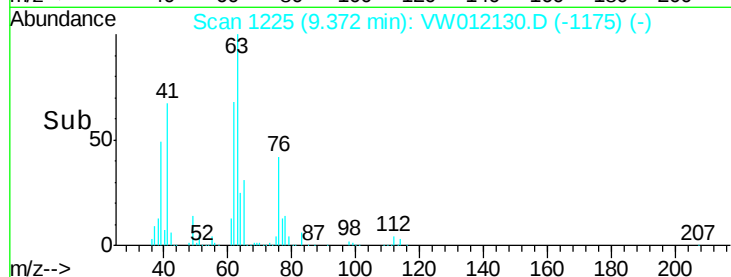
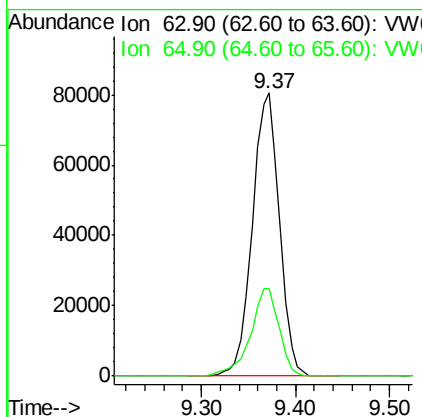
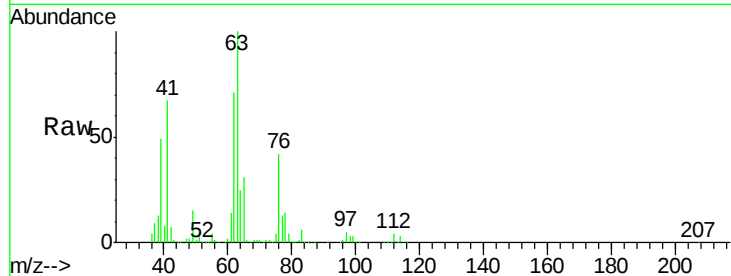
65 31.0 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 50.284 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

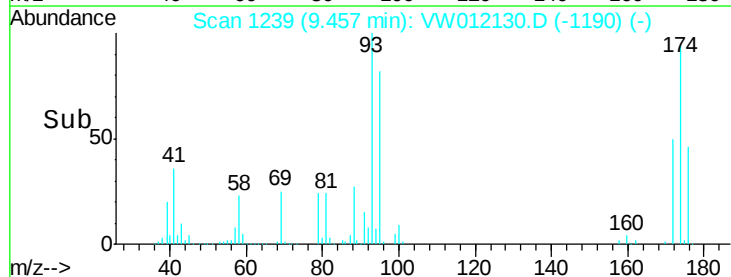
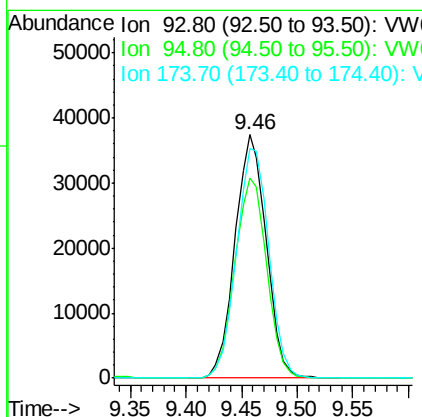
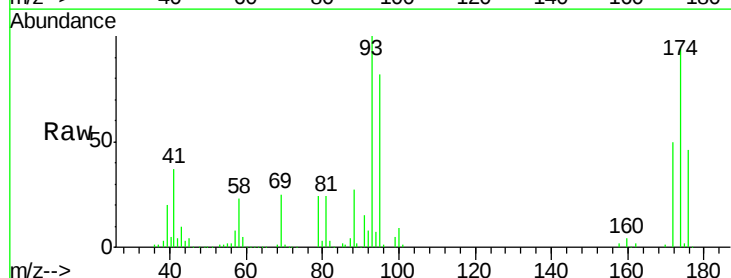
Tgt Ion: 93 Resp: 72519

Ion Ratio Lower Upper

93 100

95 84.3 67.2 100.8

174 97.8 79.0 118.6





#47

Bromodichloromethane

Concen: 50.750 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

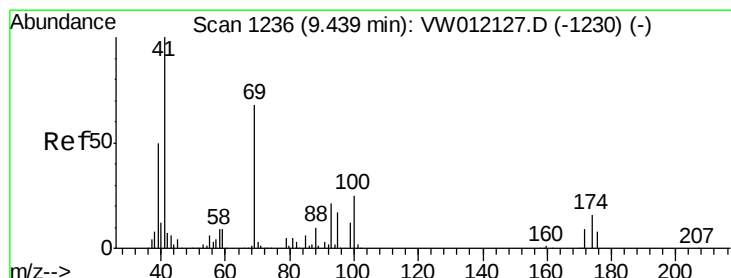
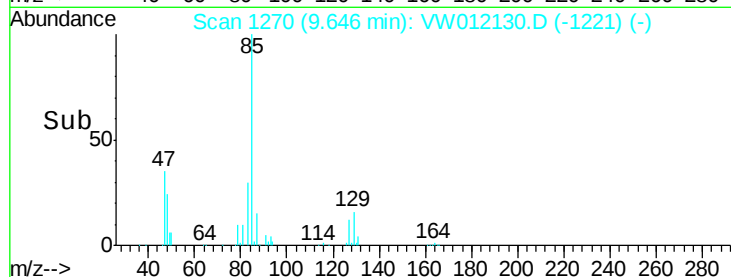
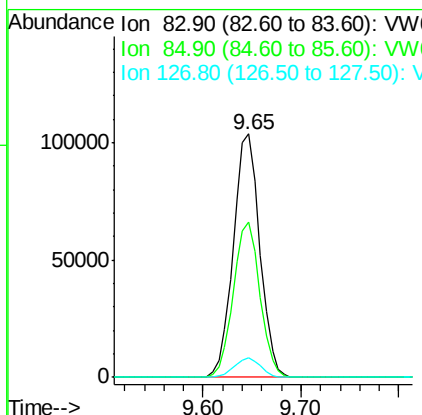
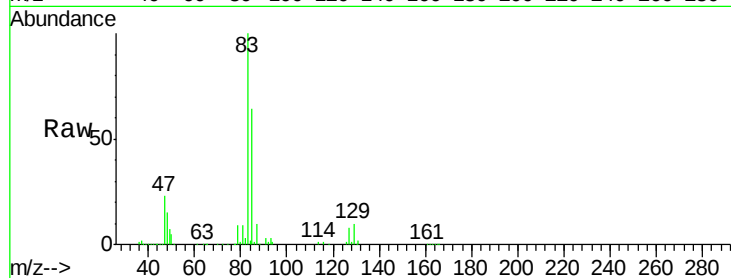
ClientSampled :

ICVW082319

Tot Ion:	83	Resp:	194793
Ion Ratio	Lower	Upper	
83	100		
85	63.8	49.4	74.2
127	7.9	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.870 ug/l

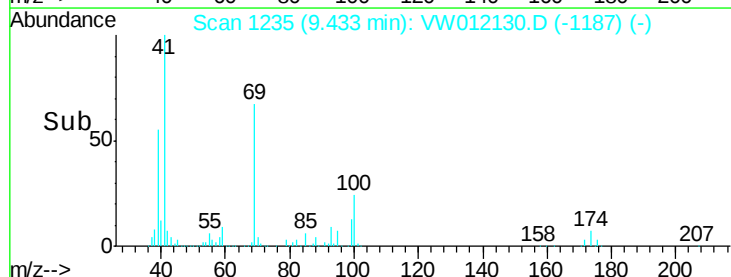
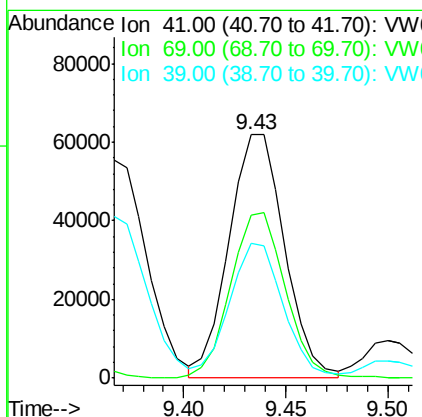
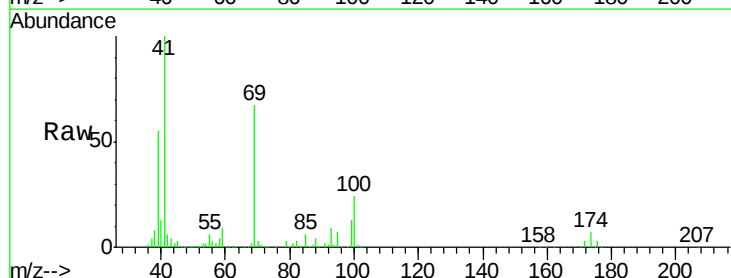
RT: 9.43 min Scan# 1235

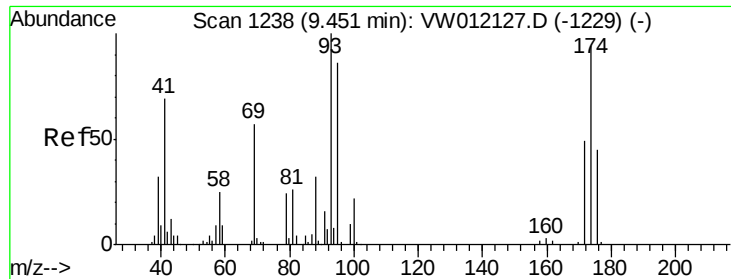
Delta R.T. -0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion:	41	Resp:	116922
Ion Ratio	Lower	Upper	
41	100		
69	66.7	56.7	85.1
39	50.4	42.0	63.0





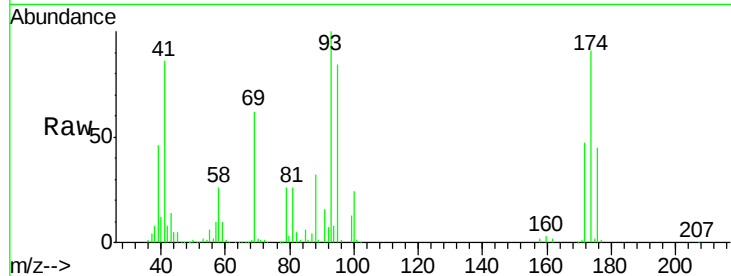
#49
1,4-Dioxane
Concen: 1026.304 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

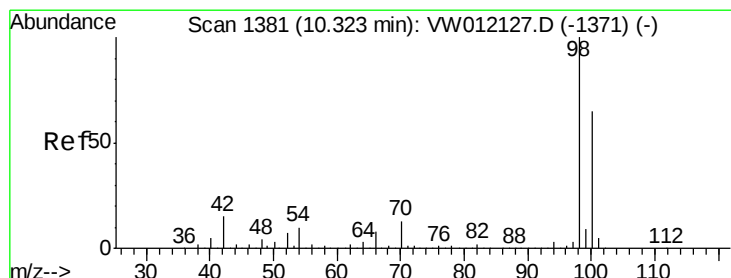
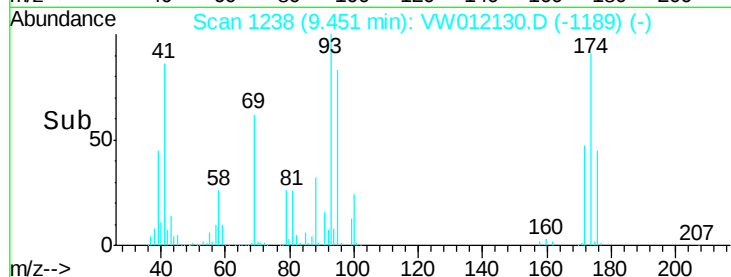
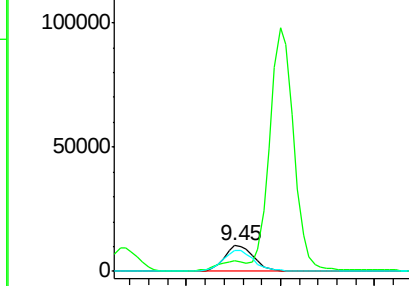
Tot Ion	88	Resp	22659
Ion	Ratio	Lower	Upper
88	100		
43	37.2	32.9	49.3
58	87.7	71.0	106.4

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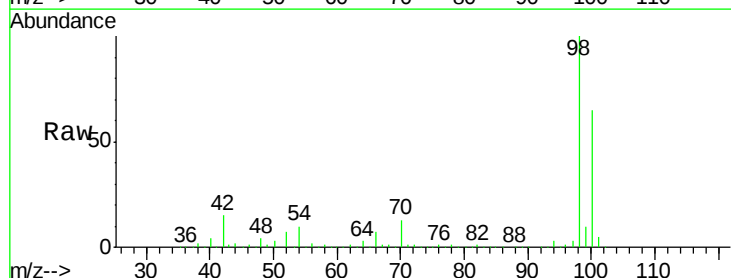


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

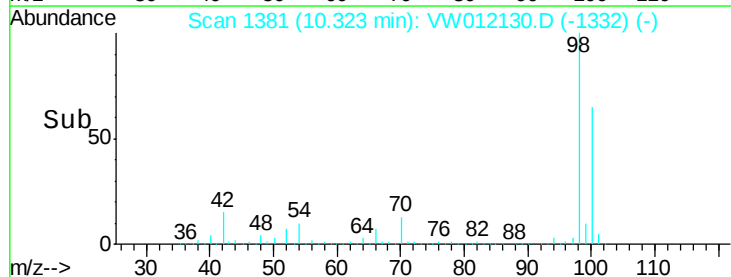
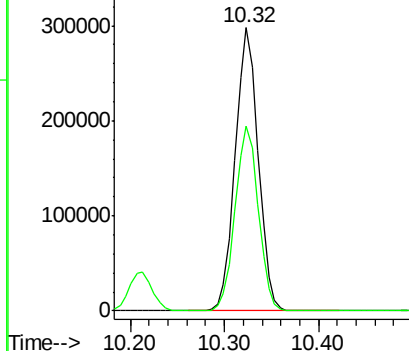


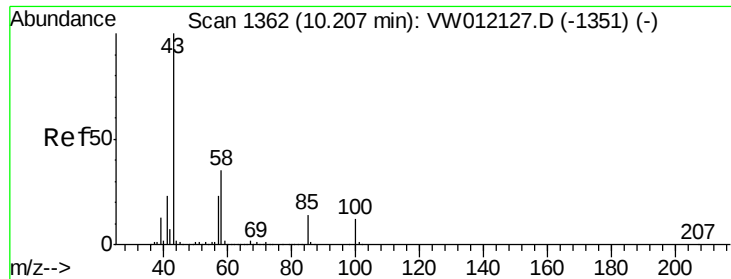
#50
Toluene-d8
Concen: 48.907 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	98	Resp	505228
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 257.436 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion: 43 Resp: 586232

Ion Ratio Lower Upper

43 100

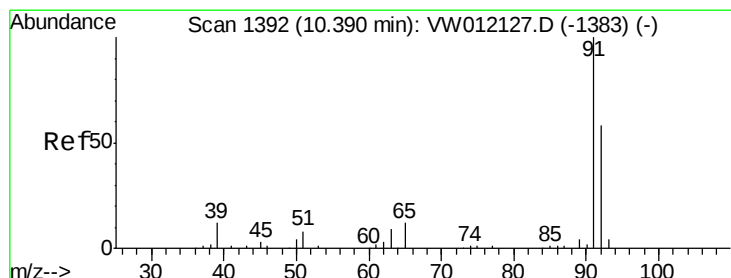
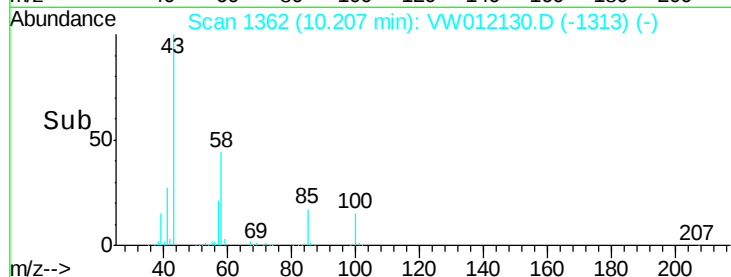
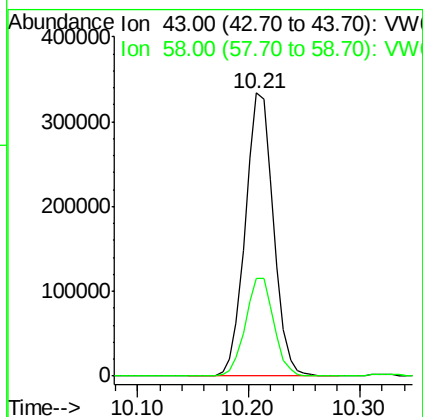
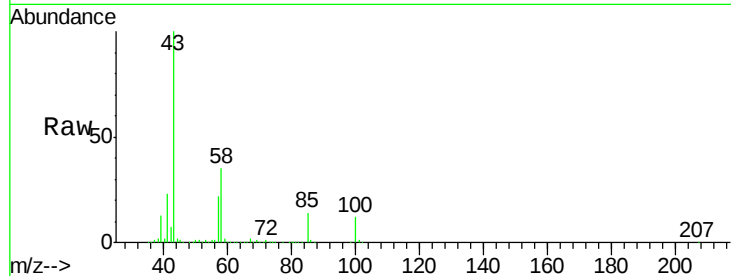
58 35.1 28.2 42.2

Manual Integrations

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#52

Toluene

Concen: 51.528 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012130.D

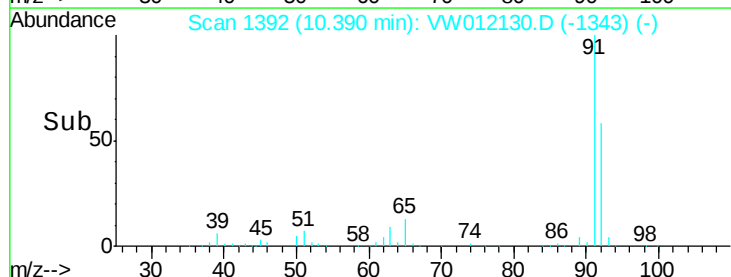
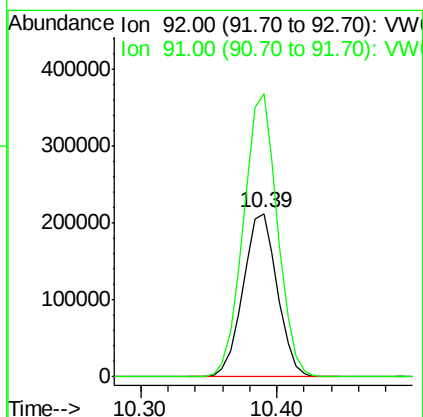
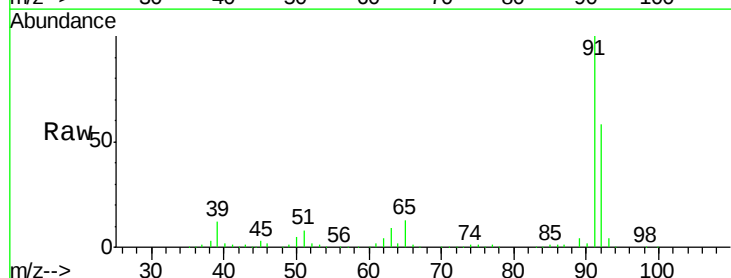
Acq: 23 Aug 2019 13:41

Tgt Ion: 92 Resp: 372823

Ion Ratio Lower Upper

92 100

91 172.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 52.735 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion: 75 Resp: 206180

Ion Ratio Lower Upper

75 100

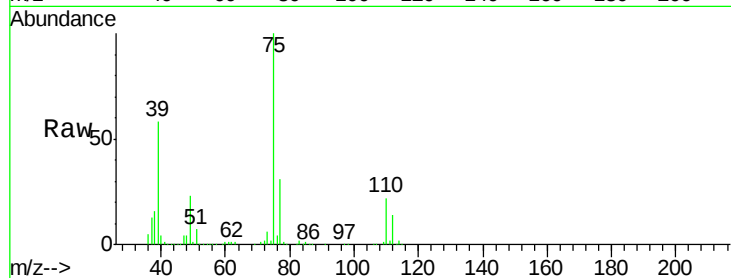
77 31.5 25.0 37.4

Manual Integrations

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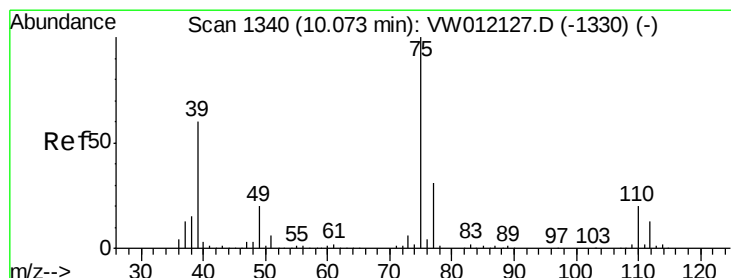
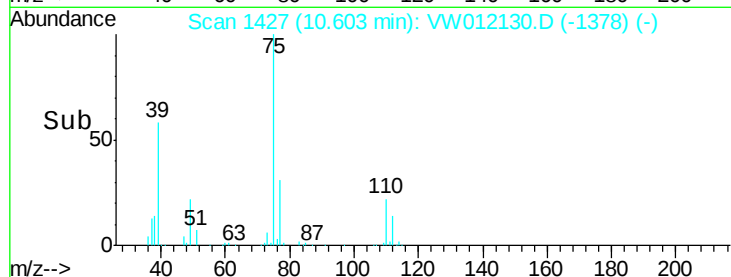
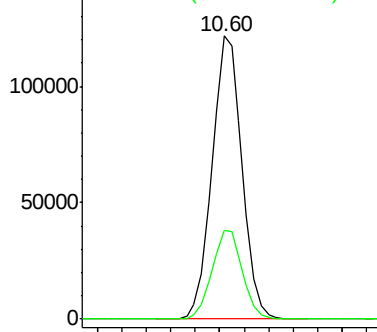
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 52.250 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

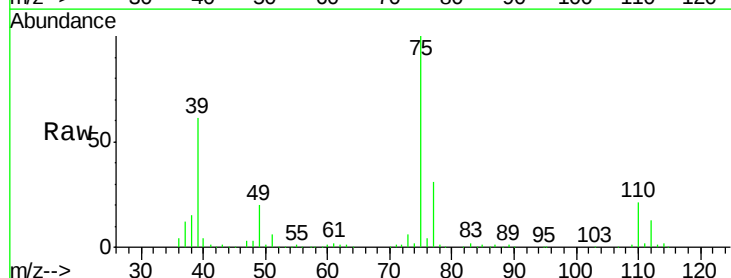
Tgt Ion: 75 Resp: 246662

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

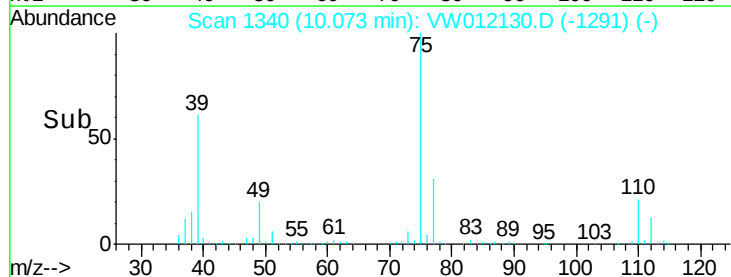
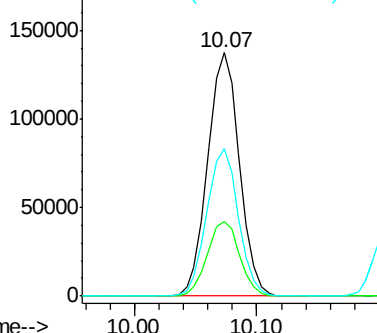
39 60.8 48.3 72.5

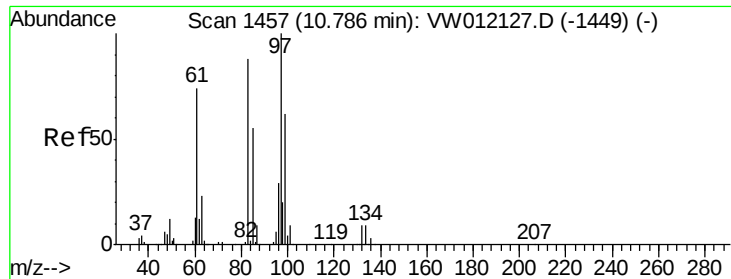


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 50.280 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

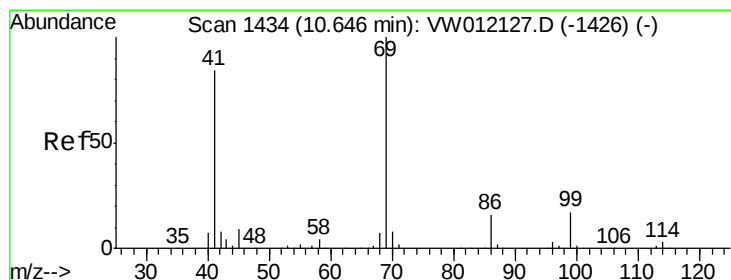
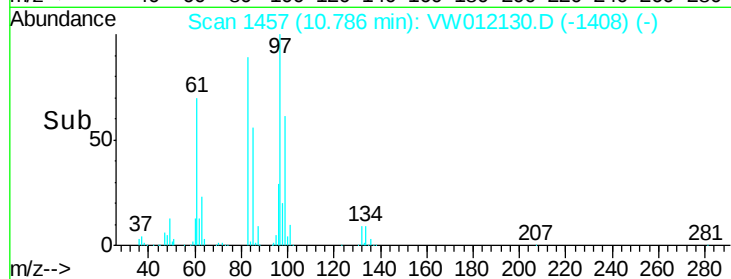
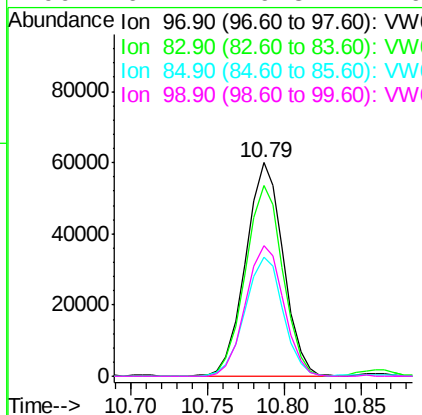
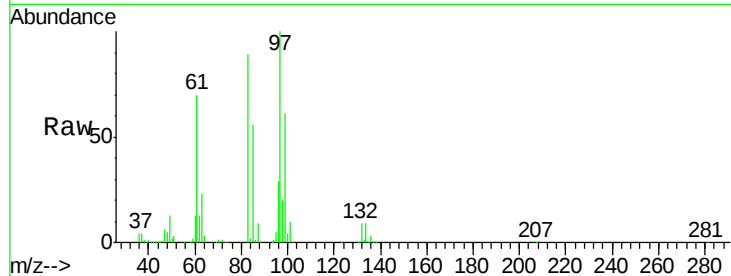
ClientSampleId :

ICVW082319

Tot Ion:	97	Resp:	102597
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.8	106.2
85	55.7	43.8	65.8
99	61.2	49.8	74.6

Manual Integrations
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#56

Ethyl methacrylate

Concen: 52.902 ug/l

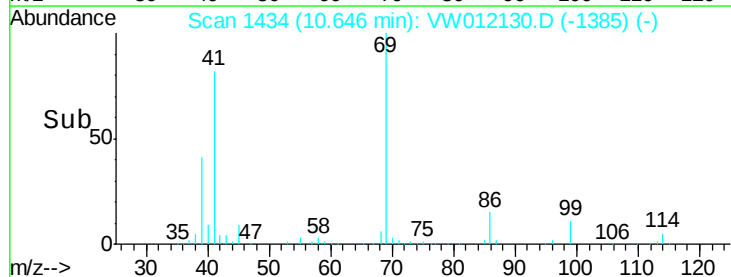
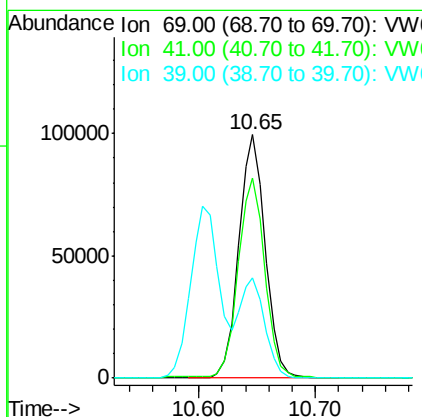
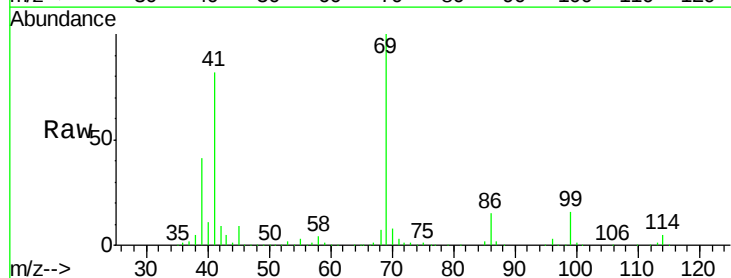
RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion:	69	Resp:	157108
Ion	Ratio	Lower	Upper
69	100		
41	82.3	66.5	99.7
39	38.7	31.0	46.4





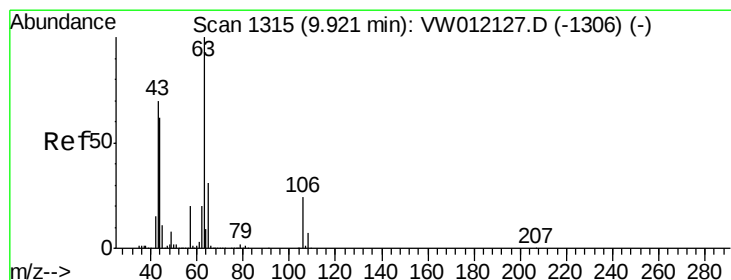
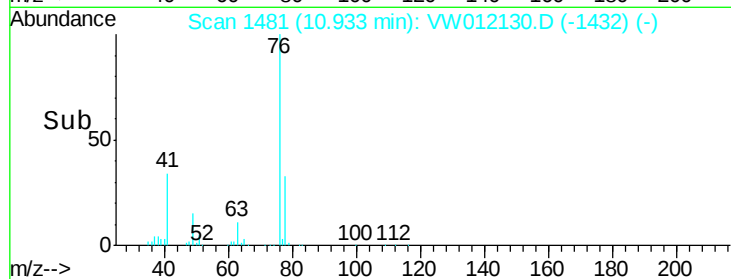
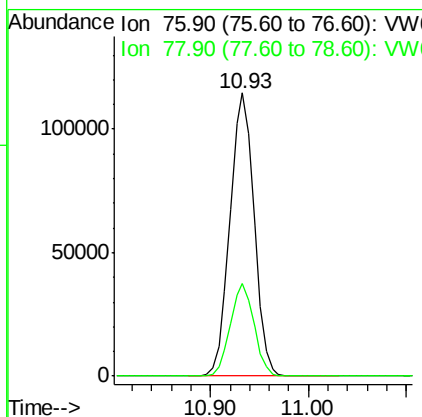
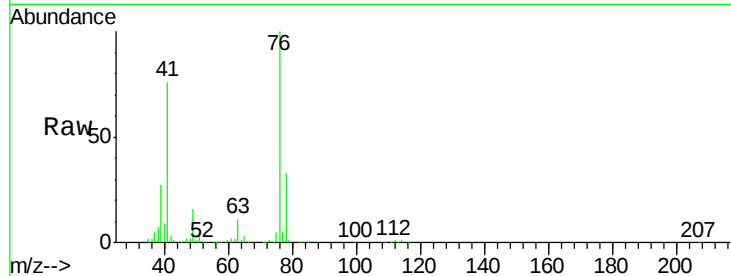
#57
 1,3-Dichloropropane
 Concen: 50.957 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

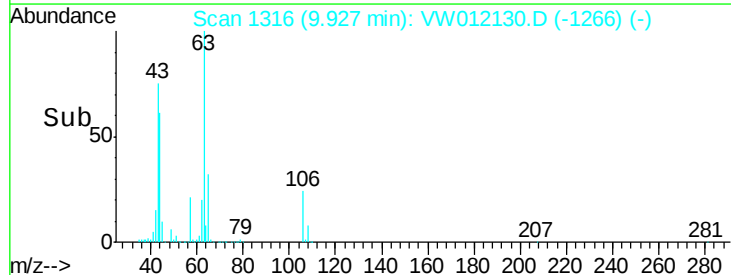
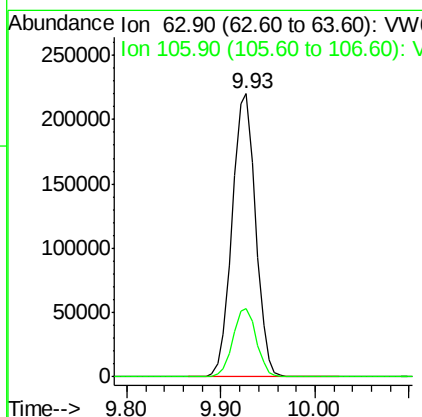
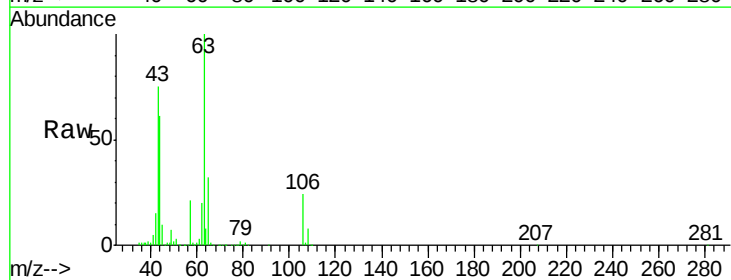
Manual Integrations
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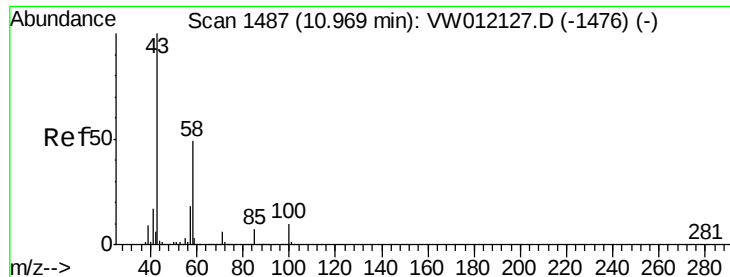
MMDadoda
 8/26/2019 11:39:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.920 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.3	19.8	29.8





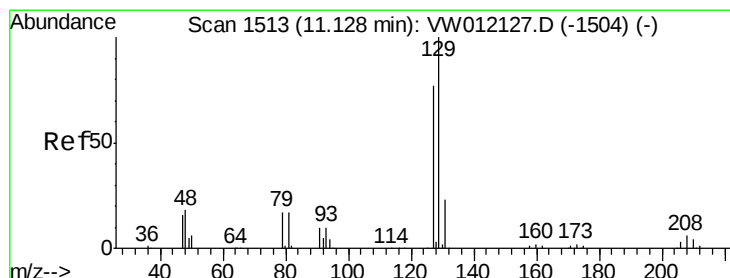
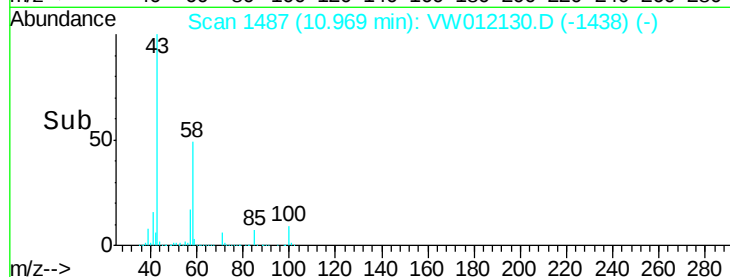
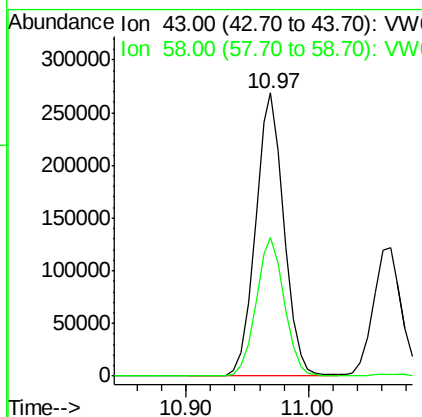
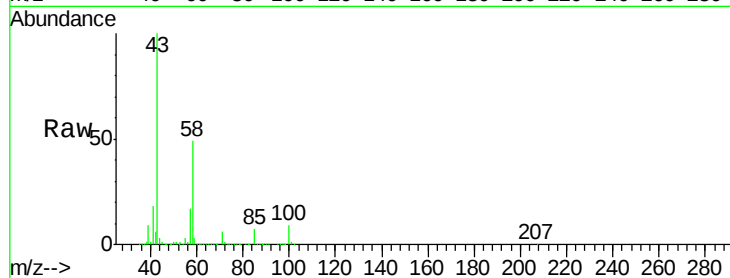
#59
2-Hexanone
Concen: 268.561 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.7	24.3	72.9

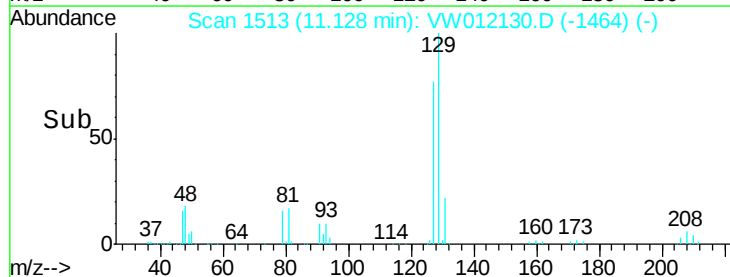
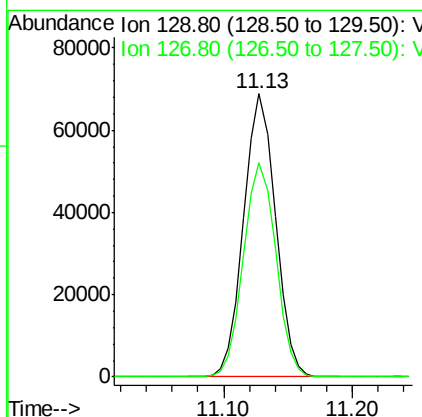
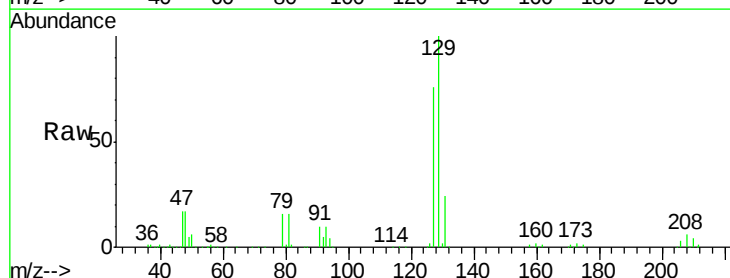
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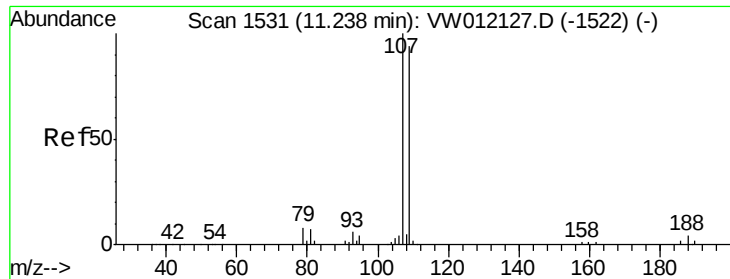
MMDadoda
8/26/2019 11:39:22 AM



#60
Dibromochloromethane
Concen: 51.905 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.6	115.8





#61

1,2-Dibromoethane

Concen: 51.289 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion:107 Resp: 97500

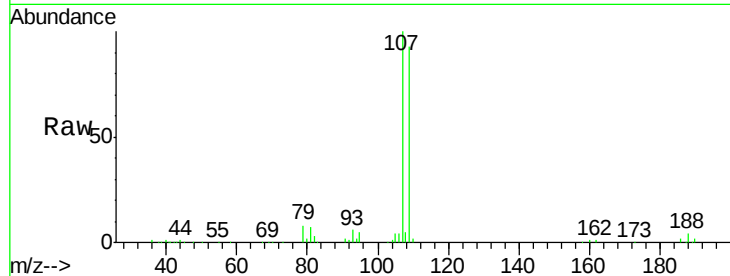
Ion Ratio Lower Upper

107 100

109 93.1 75.4 113.2

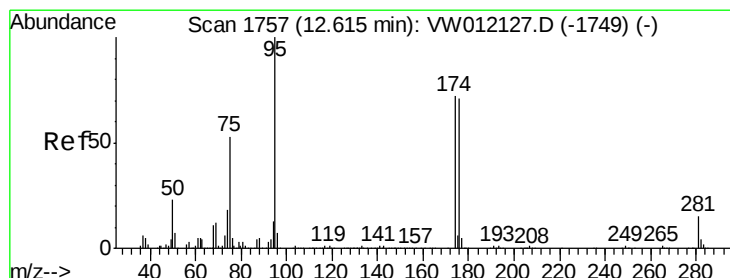
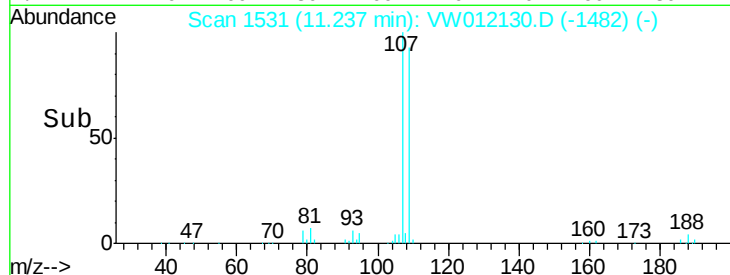
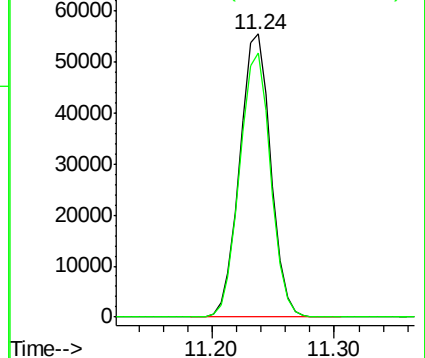
Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:39:22 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.944 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

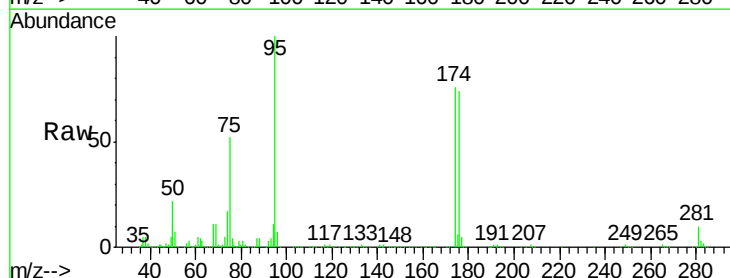
Tgt Ion: 95 Resp: 174584

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.8

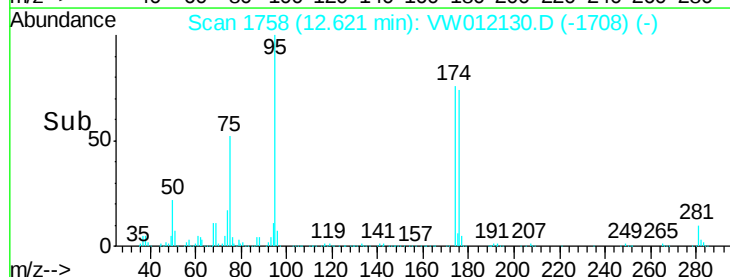
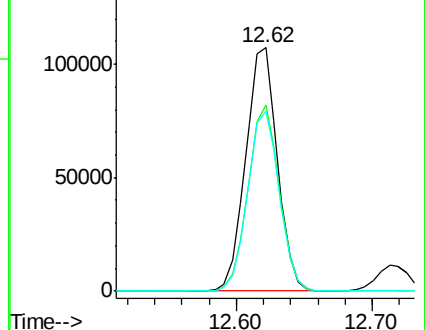
176 73.8 0.0 148.6

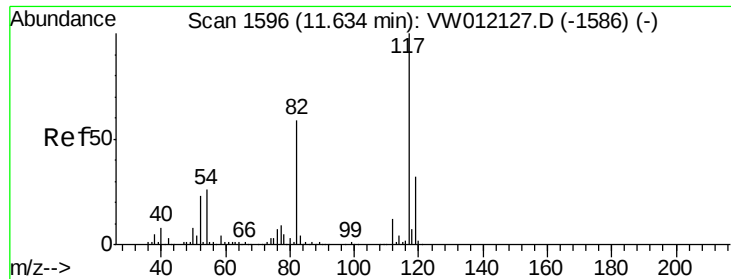


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





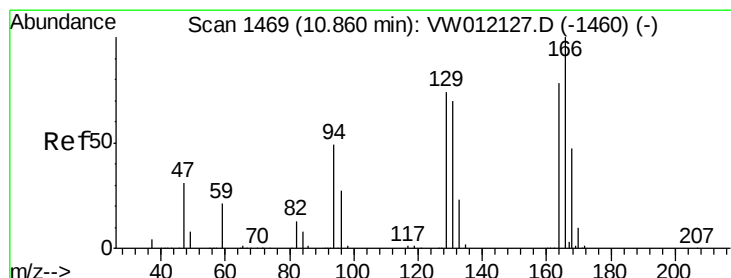
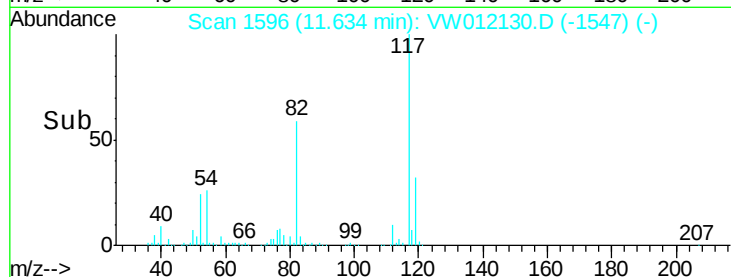
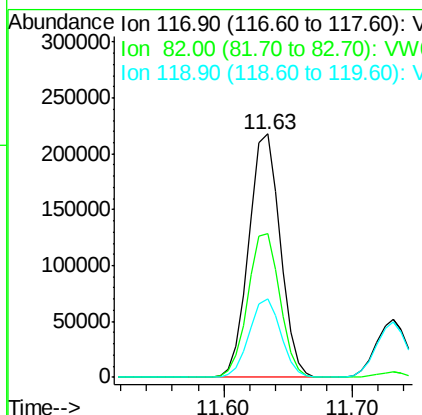
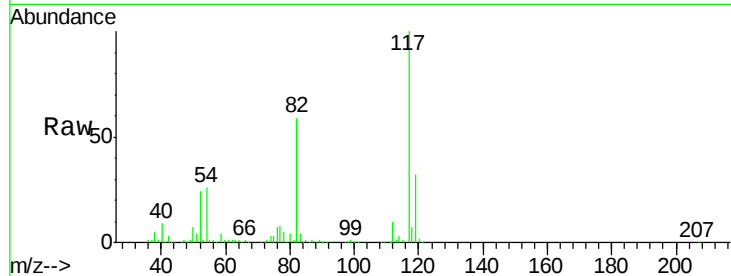
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampled :
ICVW082319

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	59.3	47.4	71.2
119	32.3	25.4	38.2

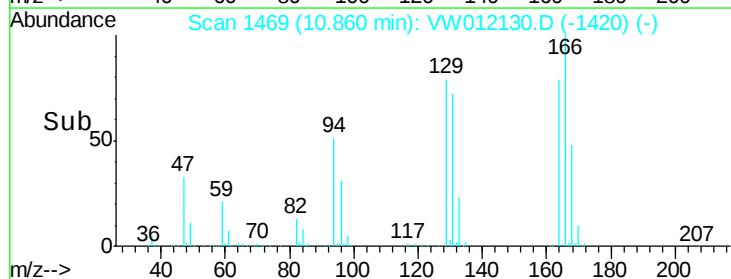
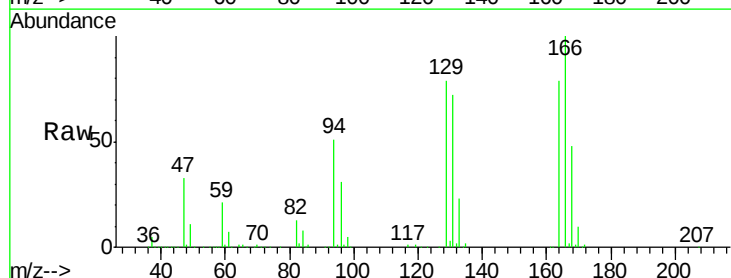
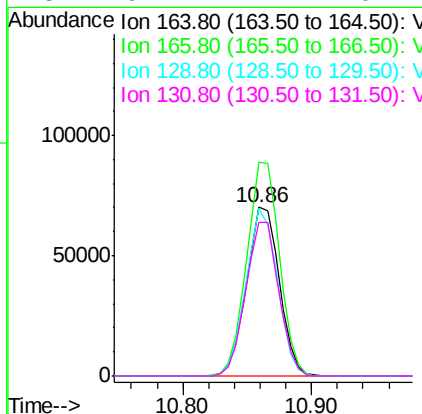
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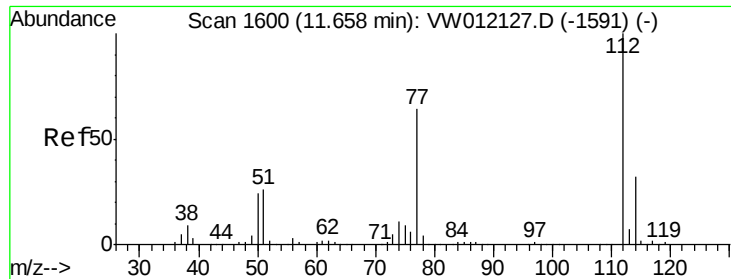
MMDadoda
8/26/2019 11:39:22 AM



#64
Tetrachloroethene
Concen: 51.492 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.9	102.4	153.6
129	99.7	75.8	113.6
131	91.1	71.4	107.2





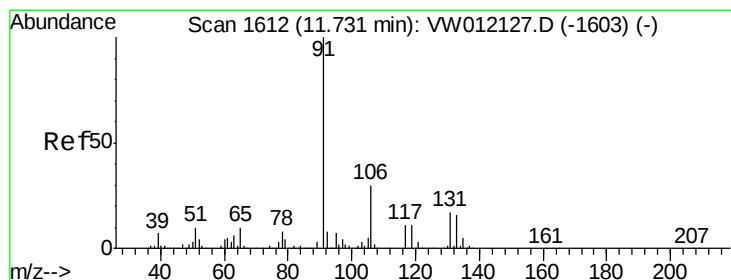
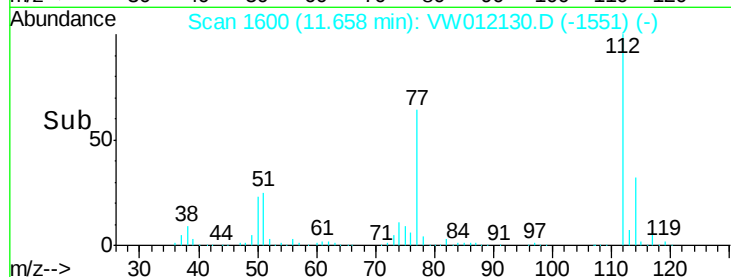
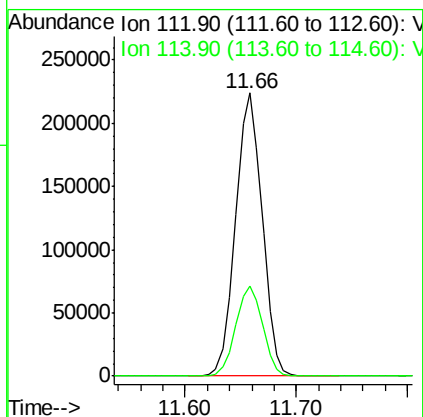
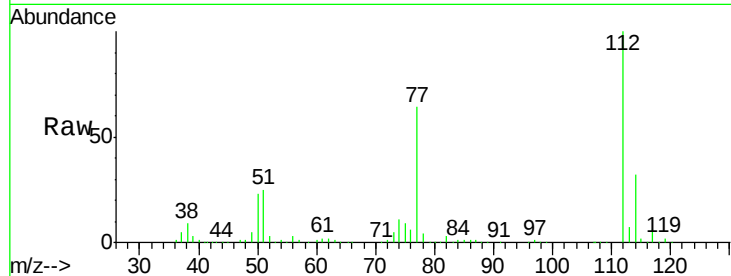
#65
Chlorobenzene
Concen: 51.117 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion:112 Resp: 369800
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

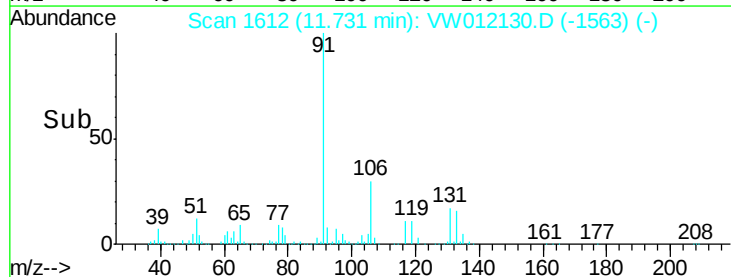
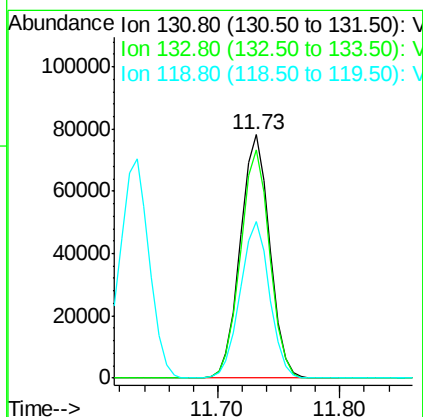
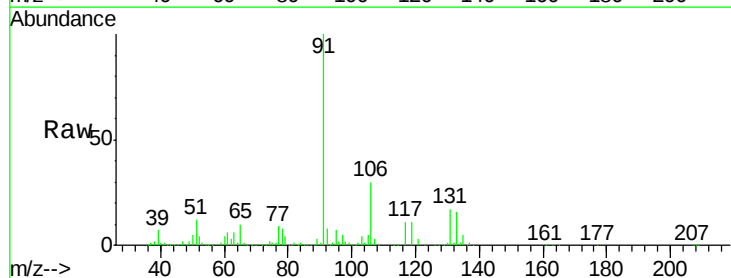
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.674 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion:131 Resp: 130414
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.3
119 64.0 31.8 95.3





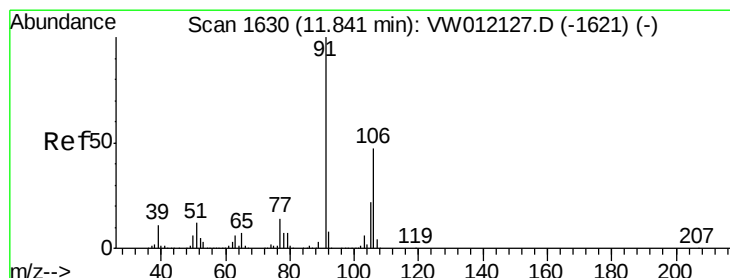
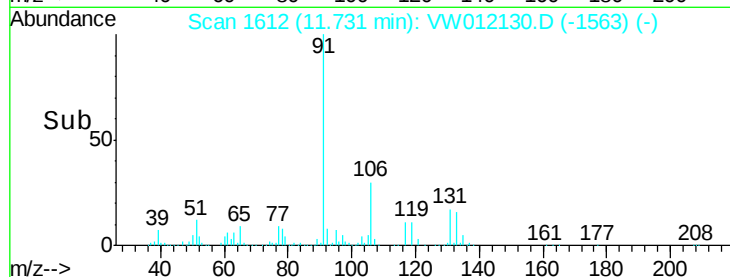
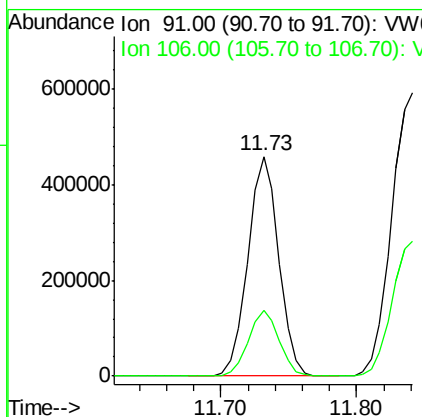
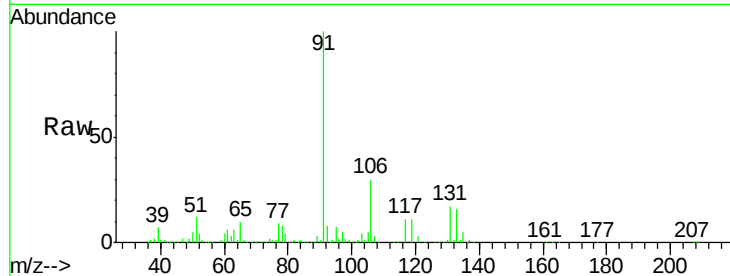
#67
Ethyl Benzene
Concen: 52.286 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5

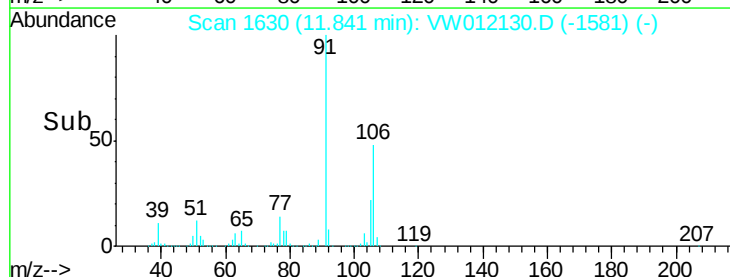
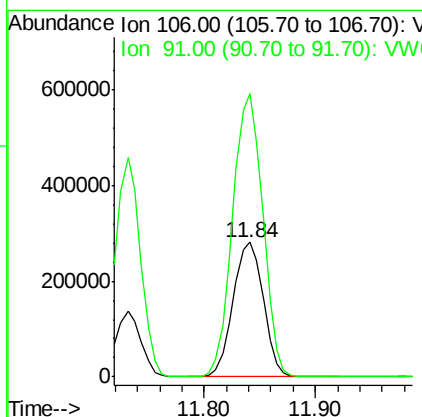
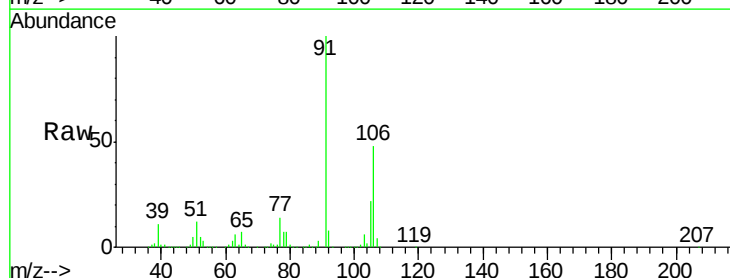
Manual Integrations
APPROVED

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#68
m/p-Xylenes
Concen: 105.221 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.5	169.5	254.3





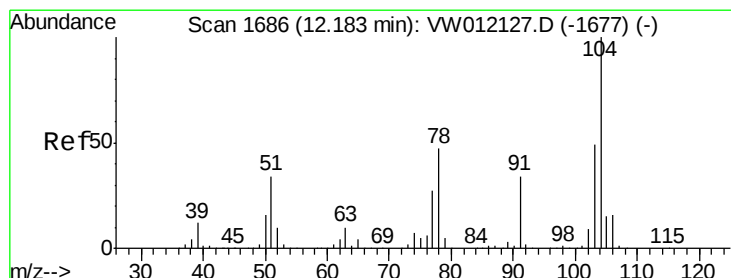
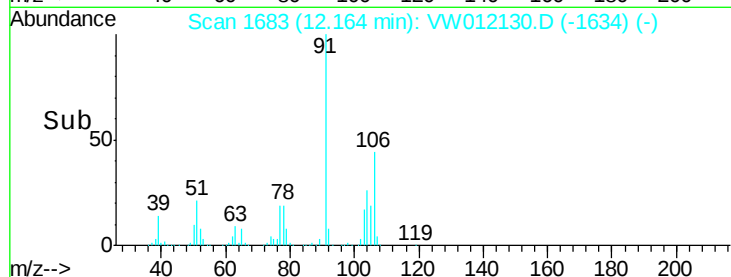
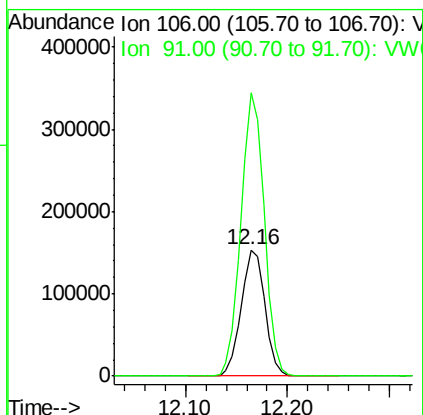
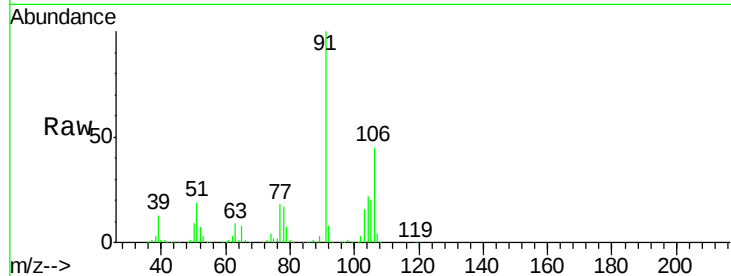
#69
o-Xylene
Concen: 52.945 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Resp	Lower	Upper
106	100	245984		
91	221.2	111.6	334.6	

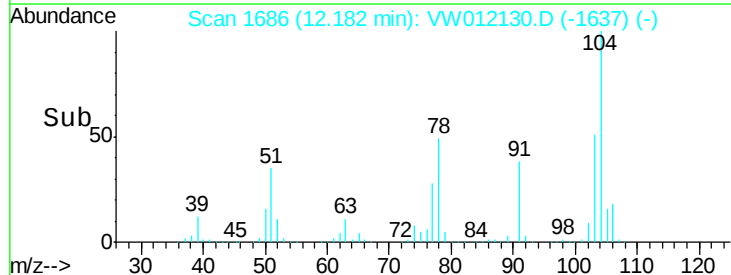
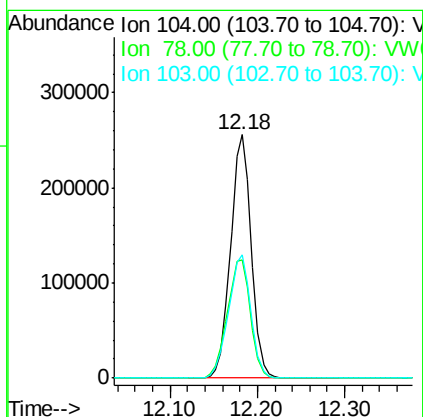
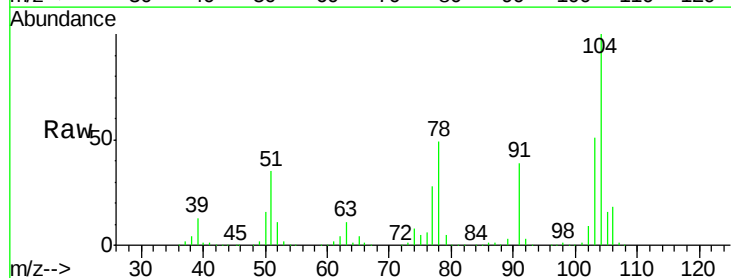
Manual Integrations
APPROVED

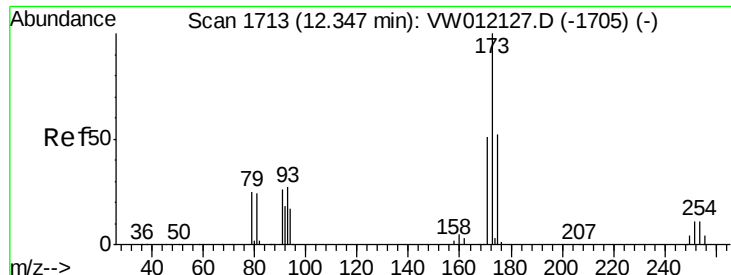
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#70
Styrene
Concen: 52.344 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	420939		
78	54.5	43.1	64.7	
103	54.6	43.5	65.3	





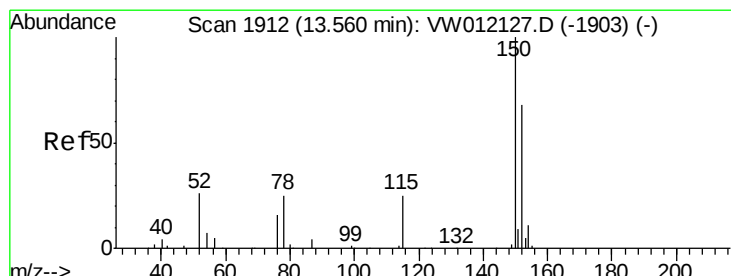
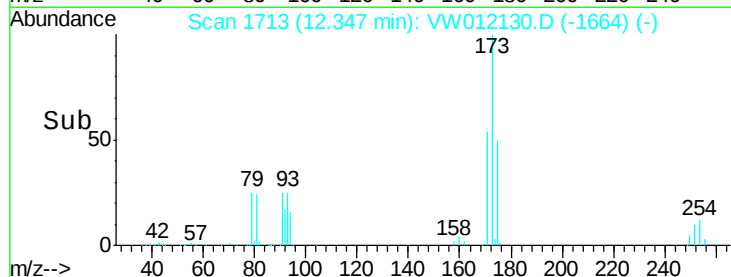
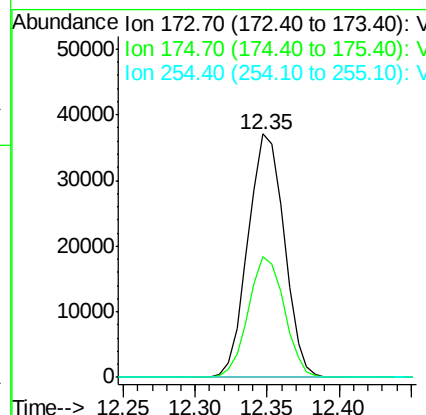
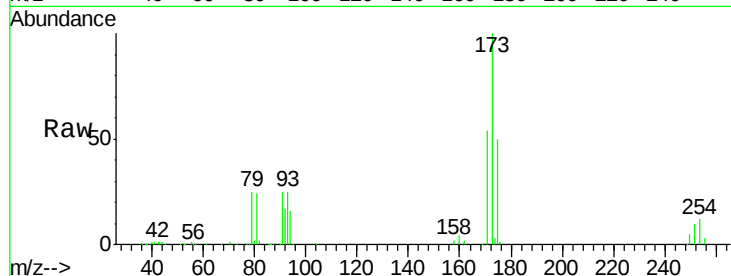
#71
Bromoform
Concen: 51.334 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	74.0
254	0.0	0.2	0.2

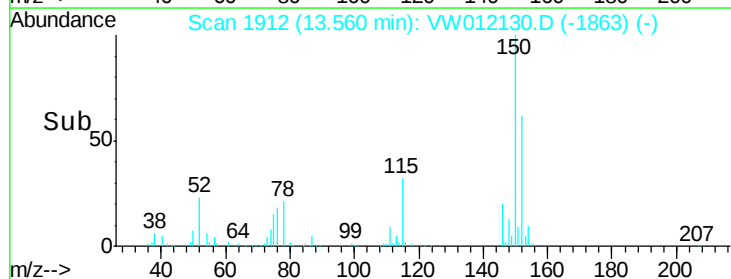
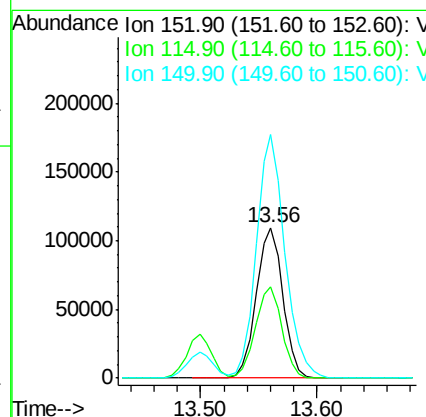
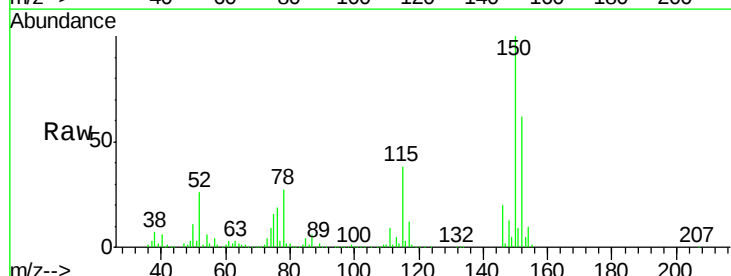
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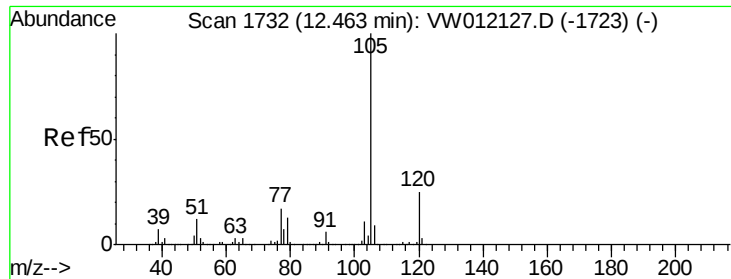
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.1	90.3
150	172.8	0.0	345.8





#73

Isopropylbenzene

Concen: 52.774 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion:105 Resp: 690611

Ion Ratio Lower Upper

105 100

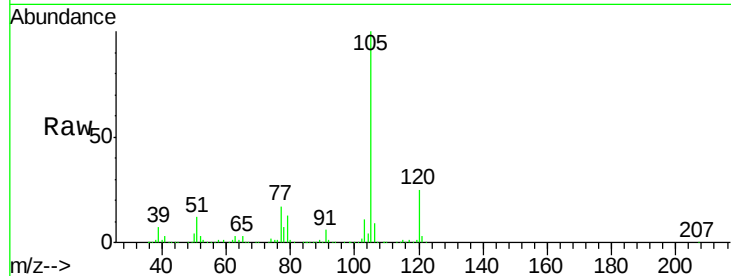
120 25.6 12.5 37.5

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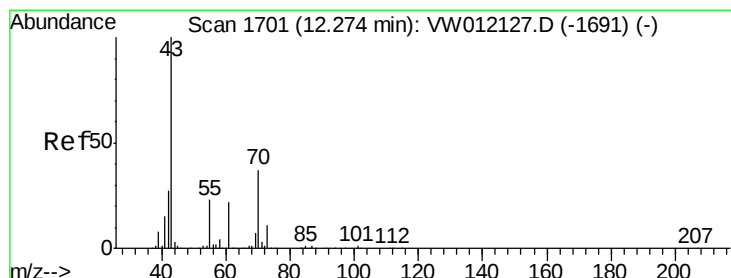
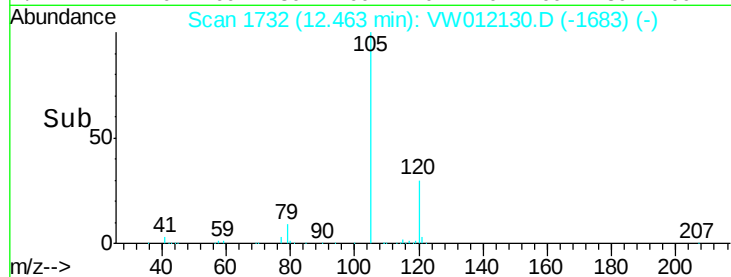
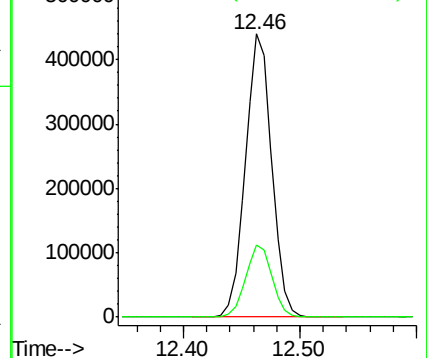
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.567 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion: 43 Resp: 211788

Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 22.2 17.8 26.6

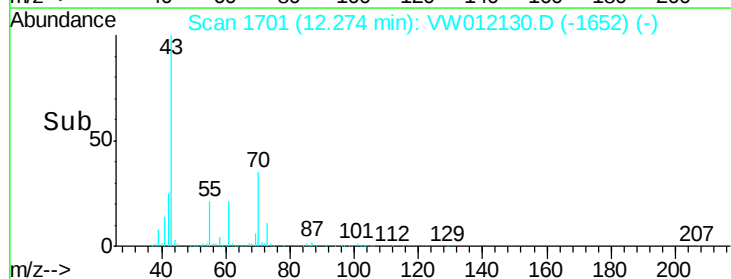
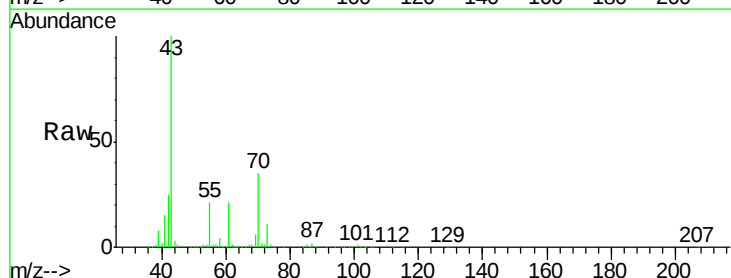
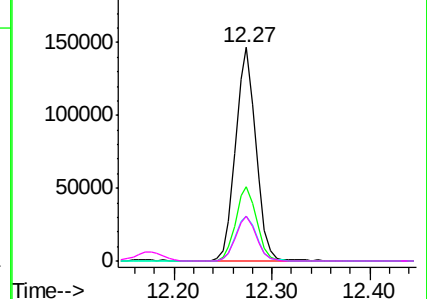
61 21.5 17.3 25.9

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





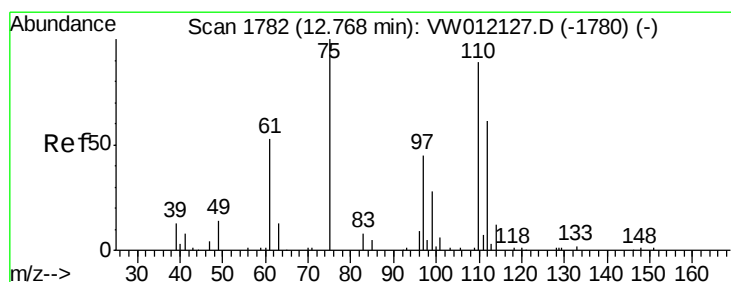
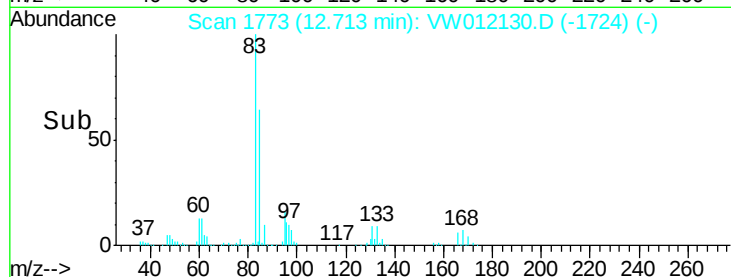
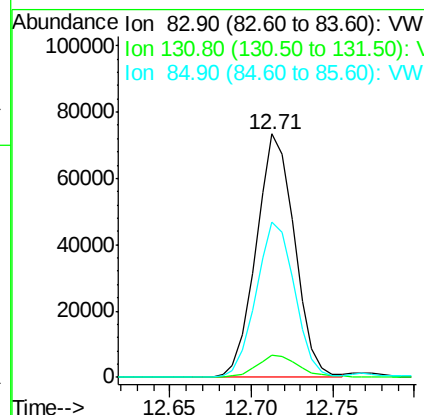
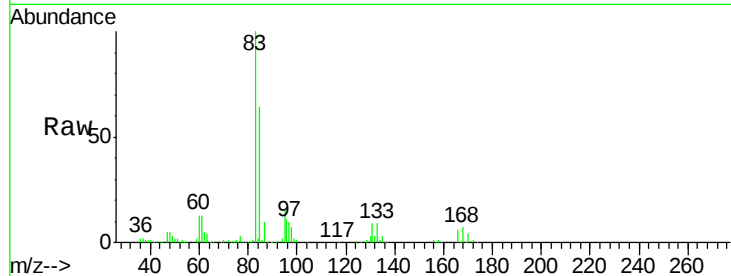
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.180 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tot Ion	Ratio	Resp Lower	Resp Upper
83	100		
131	9.9	4.9	14.7
85	63.8	31.9	95.7

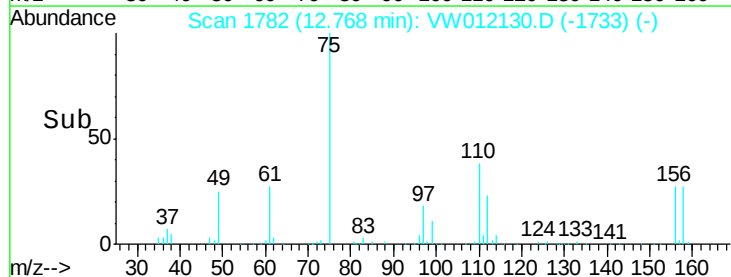
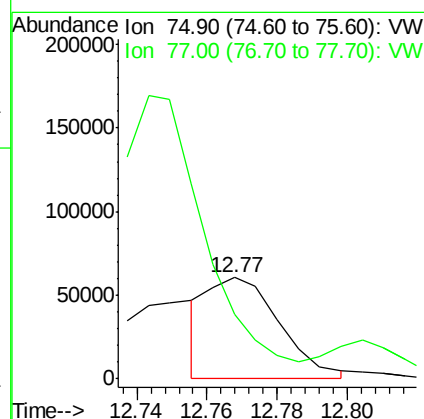
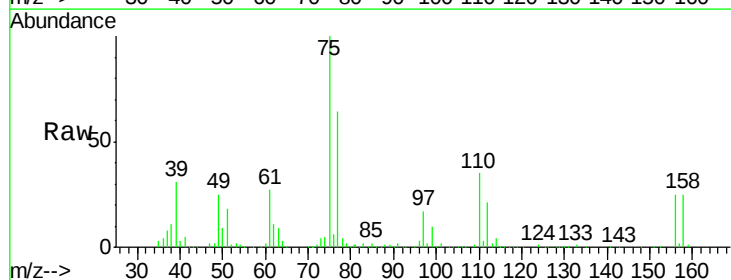
Manual Integrations
 APPROVED

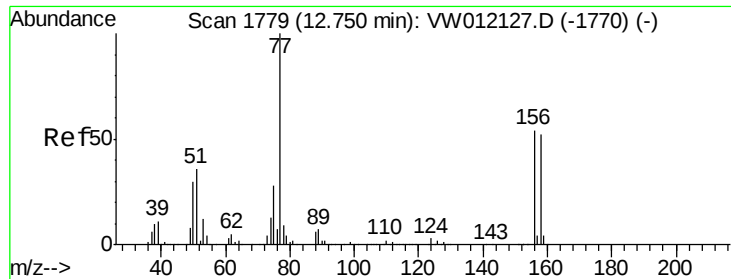
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 8/26/2019 11:39:22 AM



#76
 1,2,3-Trichloropropane
 Concen: 50.970 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

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





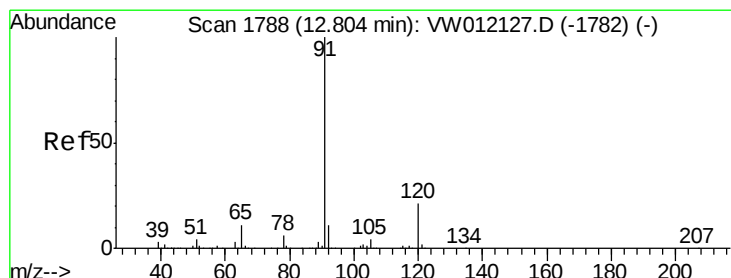
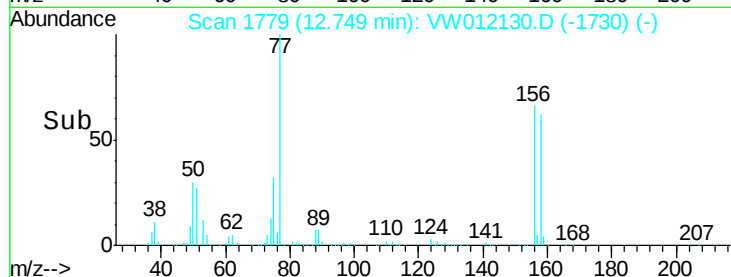
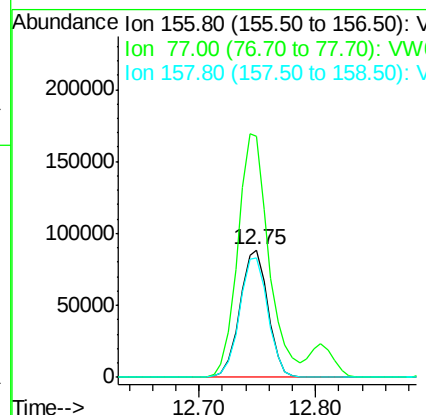
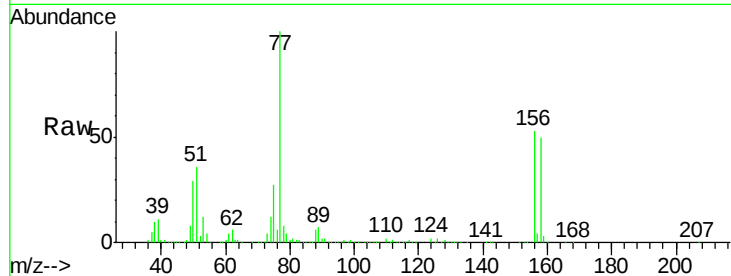
#77
Bromobenzene
Concen: 52.267 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.3	107.3	321.8
158	95.4	49.0	147.0

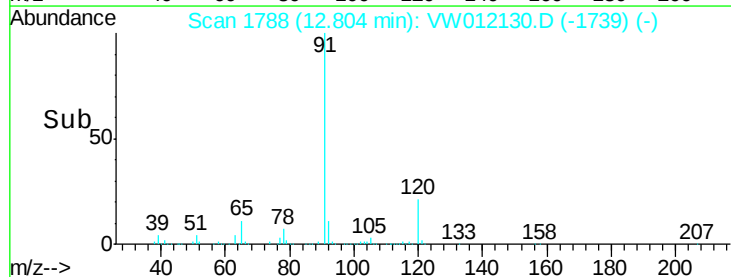
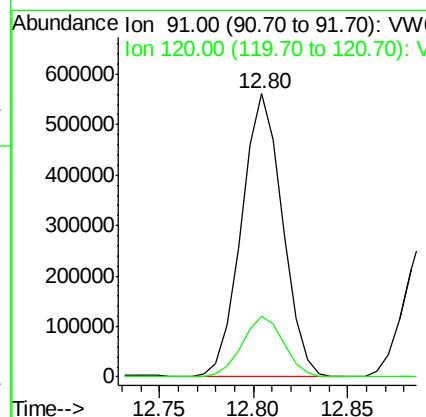
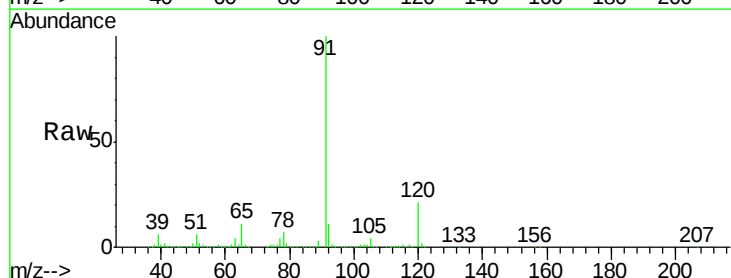
Manual Integrations
APPROVED

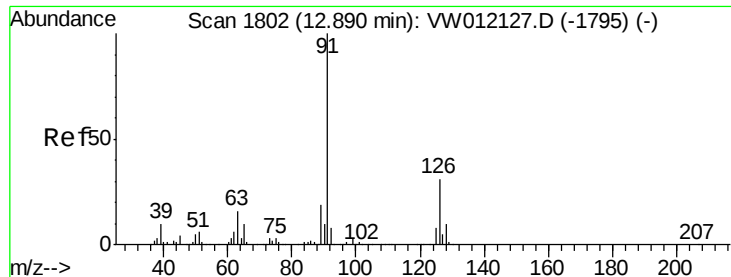
MMDadoda
8/26/2019 11:39:22 AM



#78
n-propylbenzene
Concen: 52.954 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.5	31.6





#79

2-Chlorotoluene

Concen: 52.575 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tot Ion: 91 Resp: 476854

Ion Ratio Lower Upper

91 100

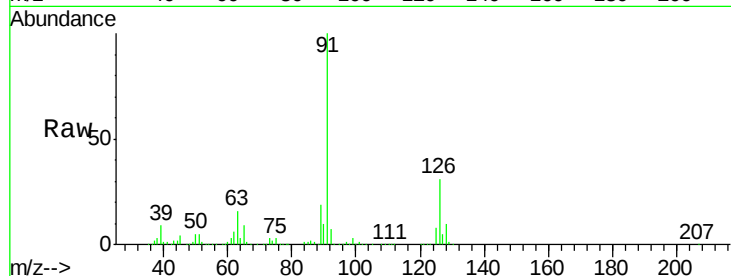
126 31.0 15.7 47.0

Manual Integrations

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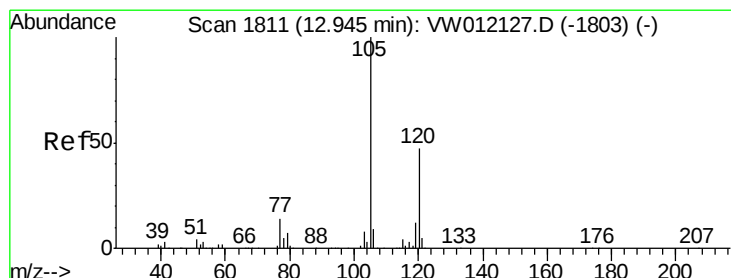
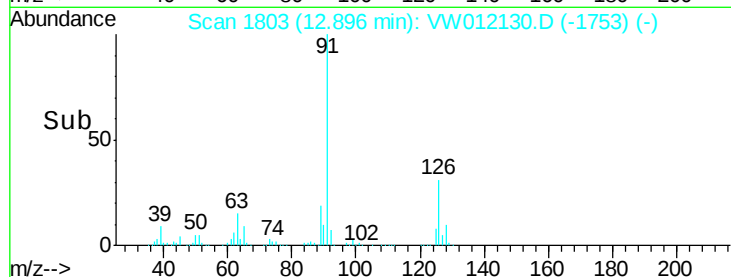
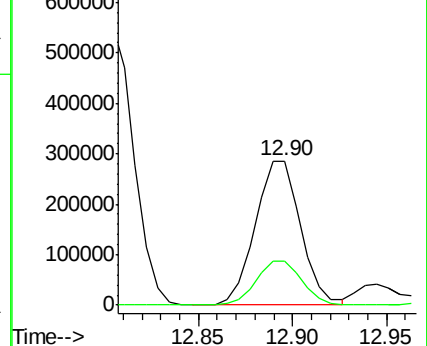
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.006 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012130.D

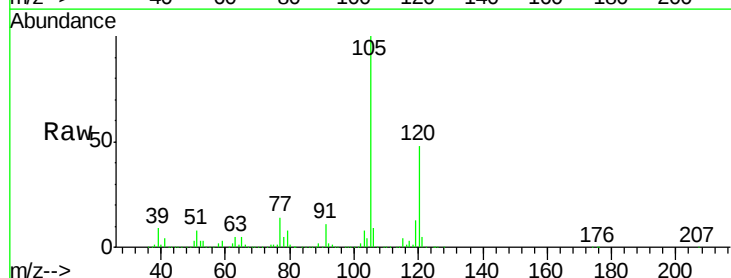
Acq: 23 Aug 2019 13:41

Tgt Ion:105 Resp: 579606

Ion Ratio Lower Upper

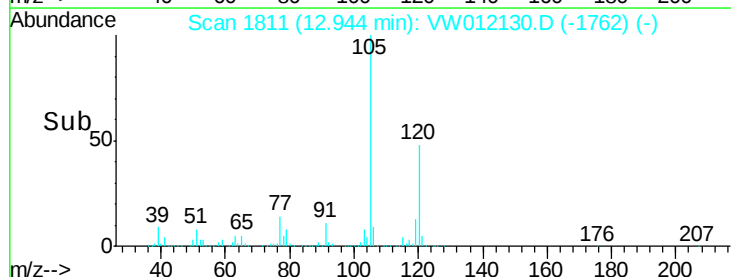
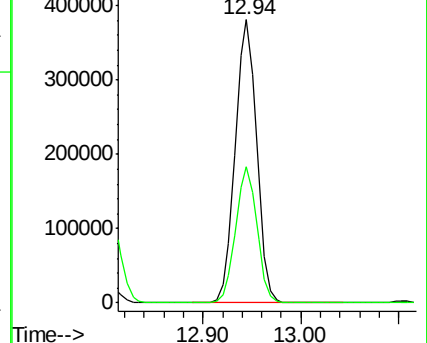
105 100

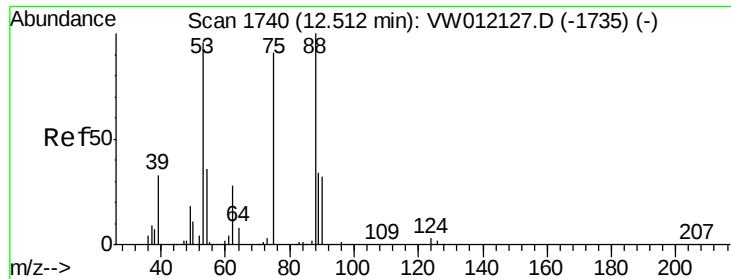
120 47.8 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





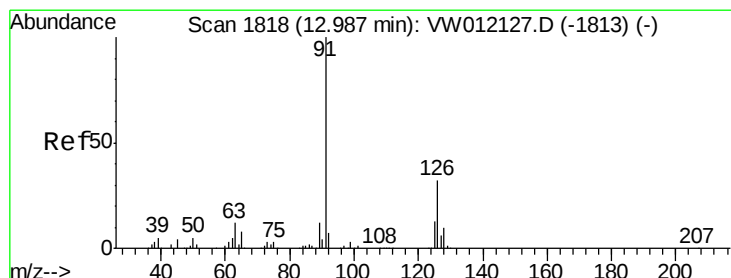
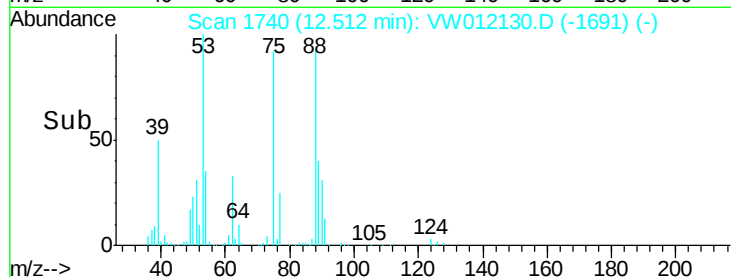
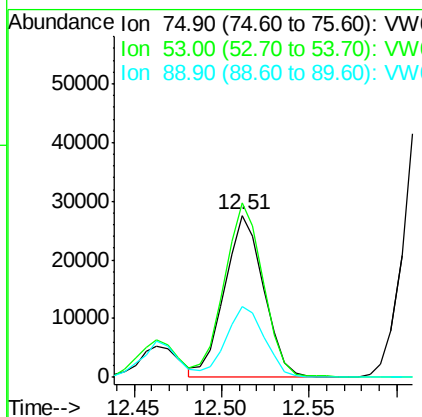
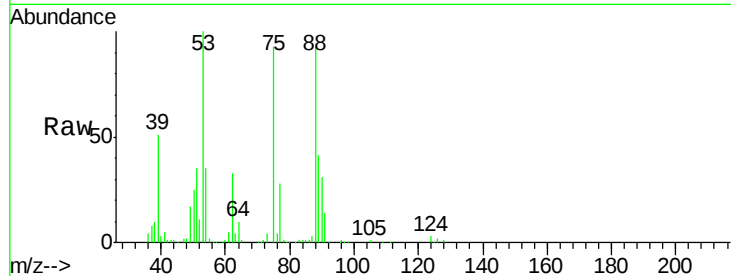
#81
trans-1,4-Dichloro-2-butene
Concen: 54.691 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.2	89.4	134.0
89	43.4	34.5	51.7

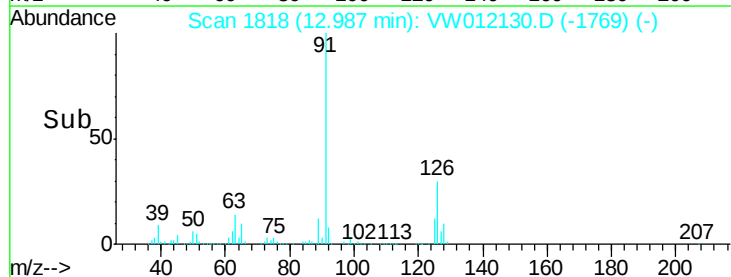
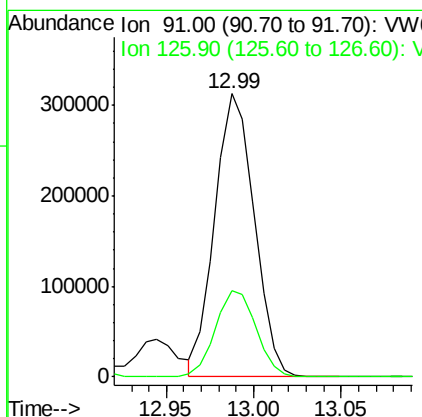
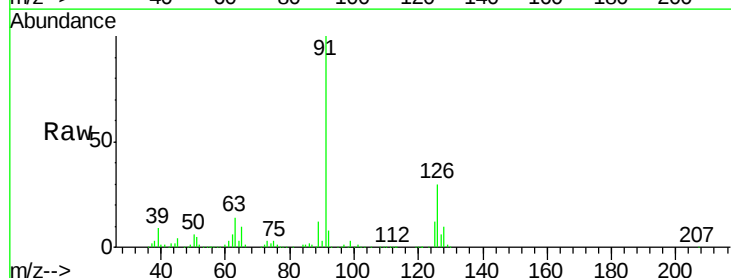
Manual Integrations
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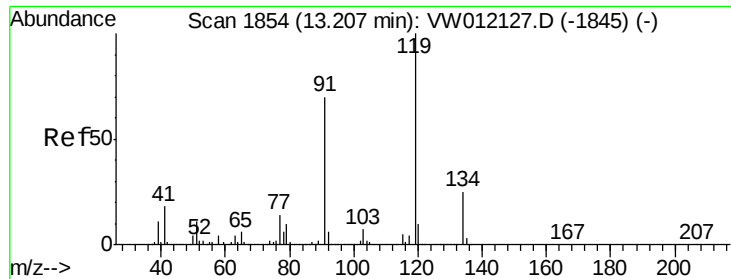
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#82
4-Chlorotoluene
Concen: 51.812 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8





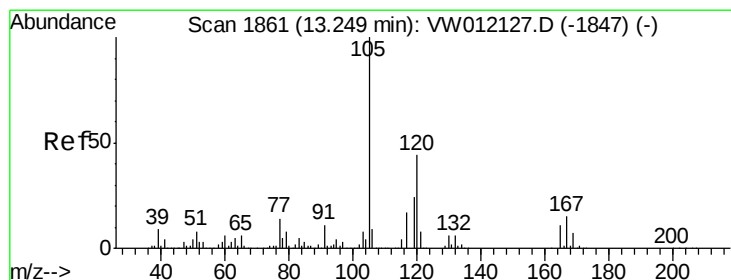
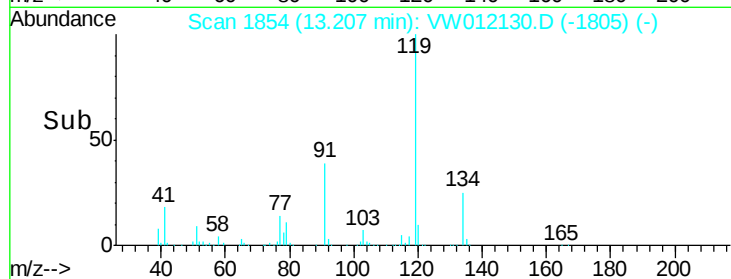
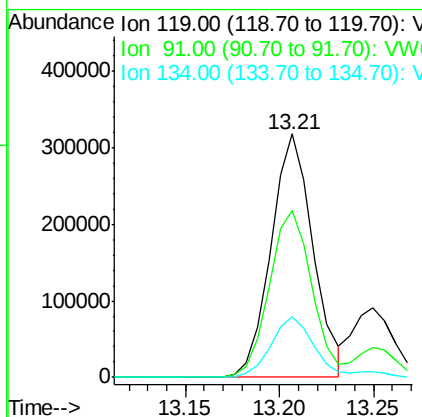
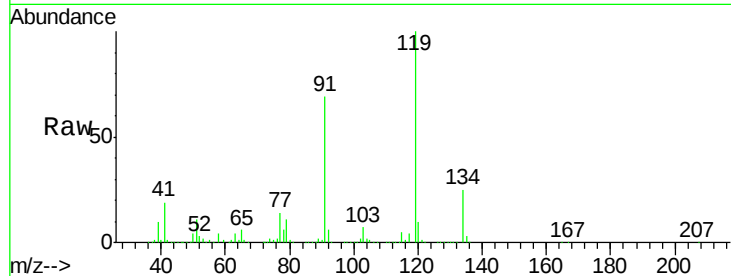
#83
tert-Butylbenzene
Concen: 53.110 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	34.8	104.3
134	25.0	13.3	39.8

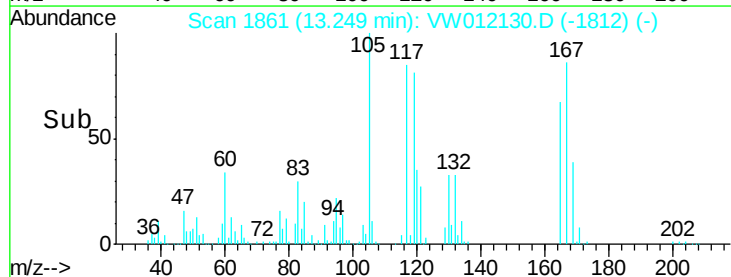
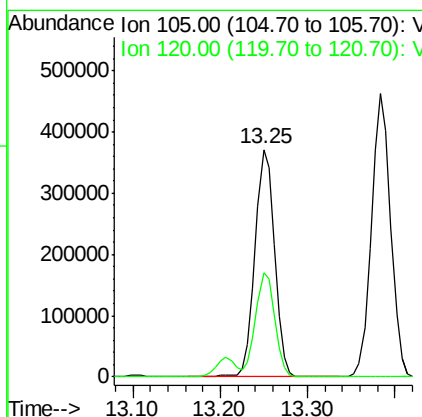
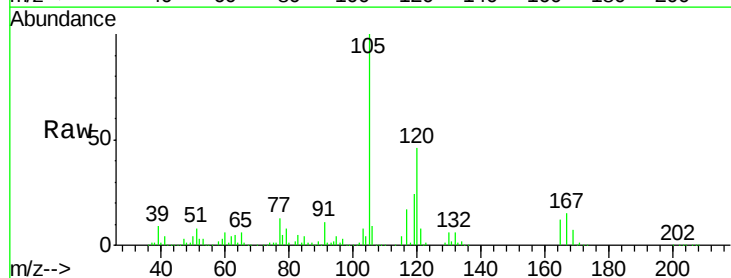
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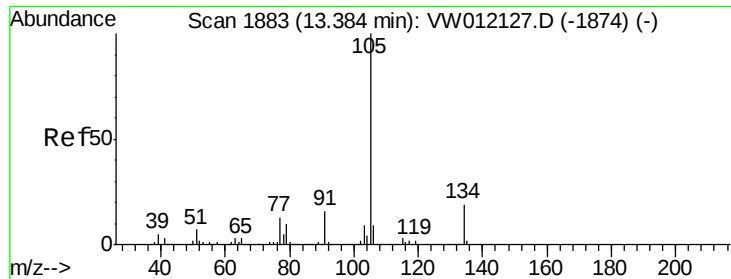
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#84
1,2,4-Trimethylbenzene
Concen: 52.545 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	21.9	65.7





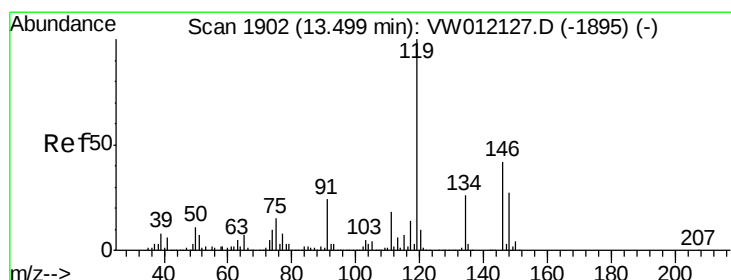
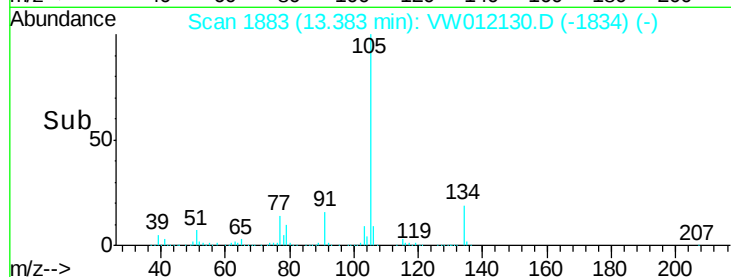
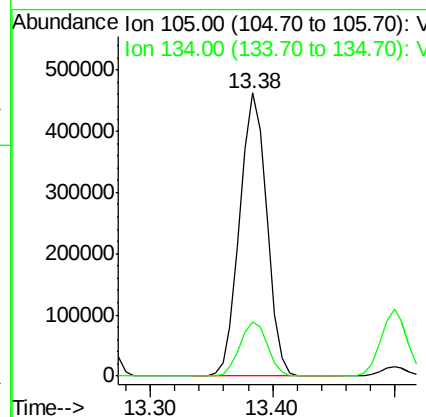
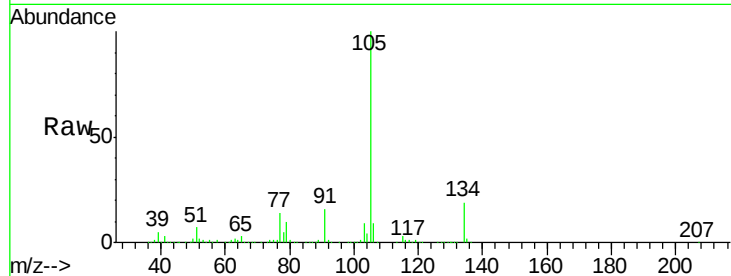
#85
 sec-Butylbenzene
 Concen: 53.271 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tot Ion	Ratio	Resp	Lower	Upper
105	100	706933		
134	19.5	9.8	29.4	

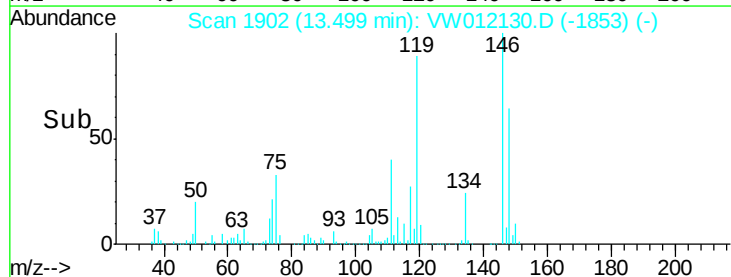
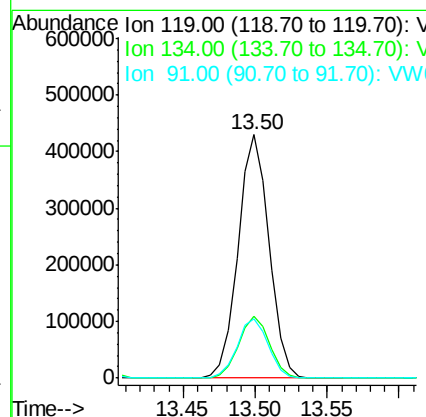
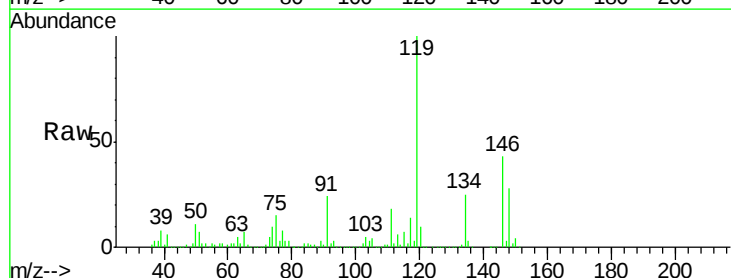
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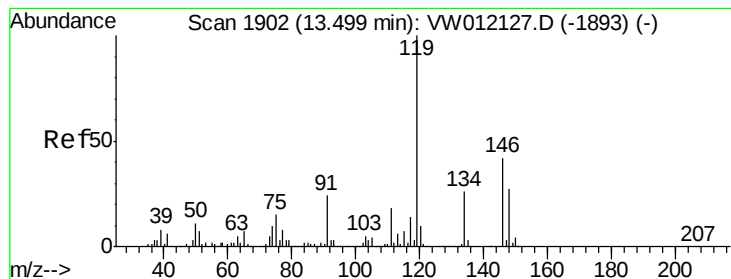
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#86
 p-Isopropyltoluene
 Concen: 53.966 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	639566		
134	25.4	12.8	38.3	
91	24.6	12.3	36.9	





#87

1,3-Dichlorobenzene

Concen: 51.362 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

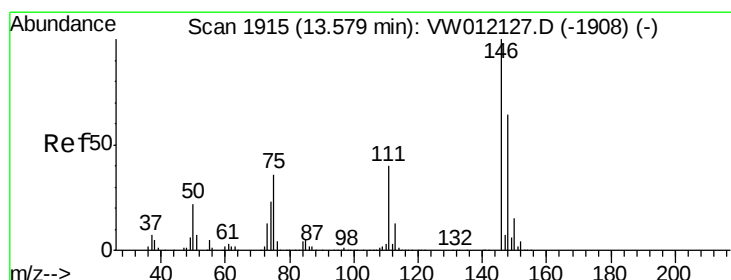
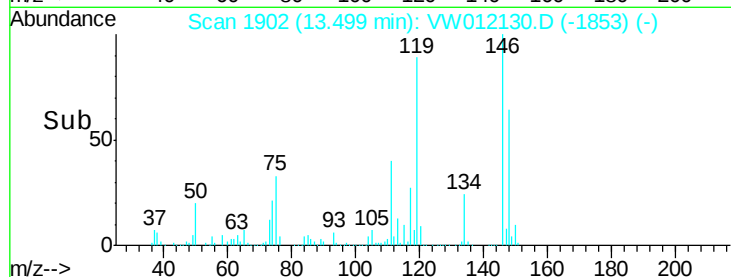
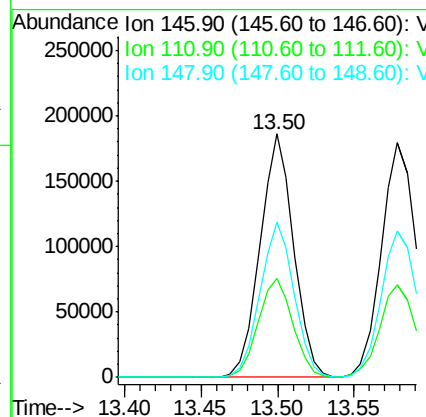
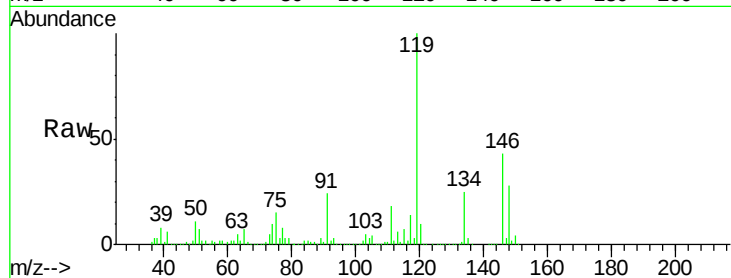
ClientSampleId :

ICVW082319

Tot Ion:	146	Resp:	284415
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.9	62.7
148	64.3	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.570 ug/l

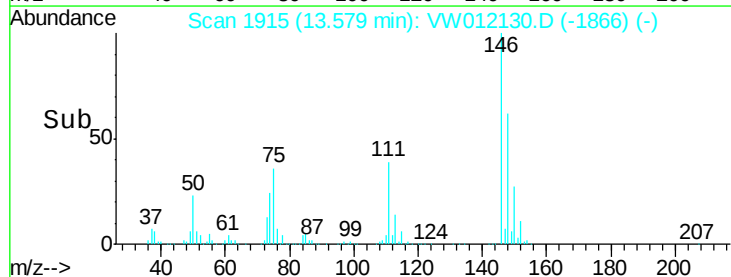
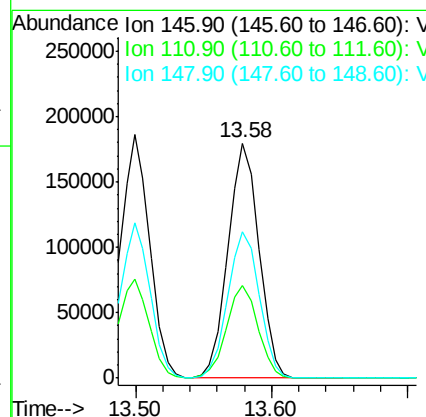
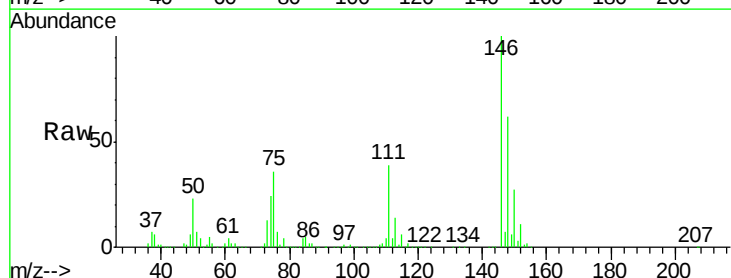
RT: 13.58 min Scan# 1915

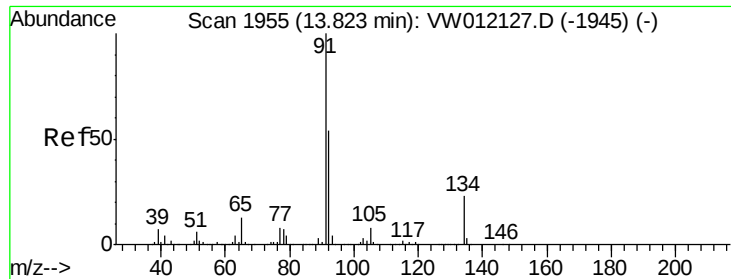
Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion:	146	Resp:	283546
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.0	60.0
148	63.7	32.1	96.3





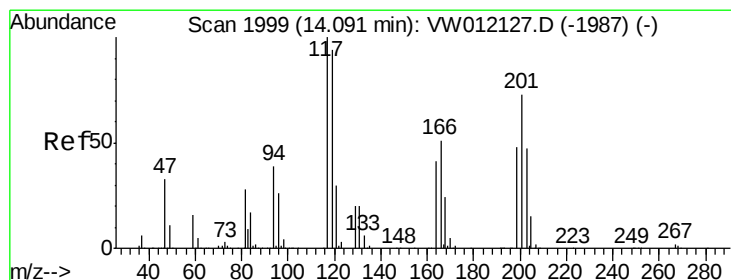
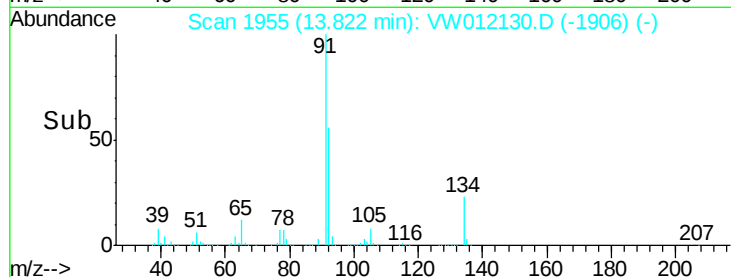
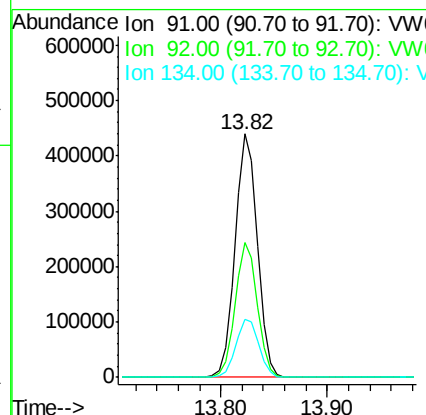
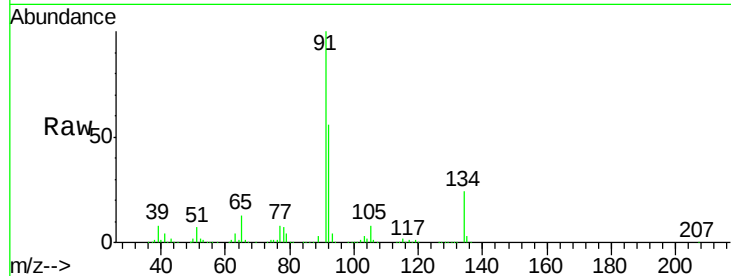
#89
n-Butylbenzene
Concen: 54.722 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.1	81.2
134	24.4	12.2	36.4

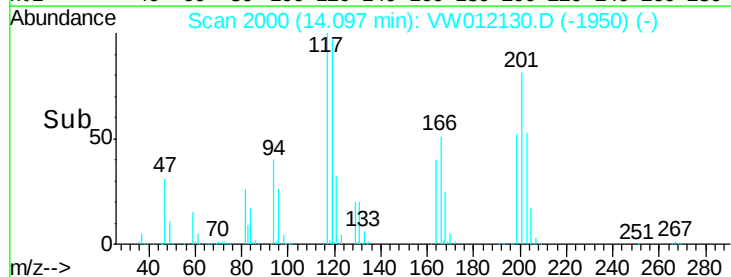
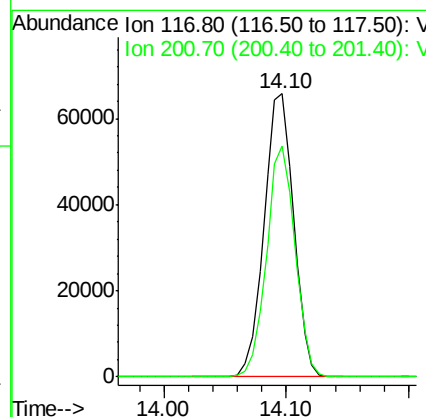
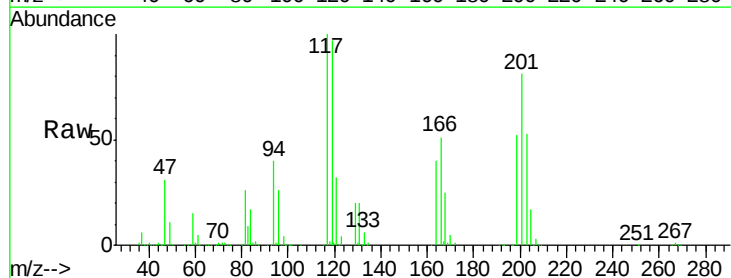
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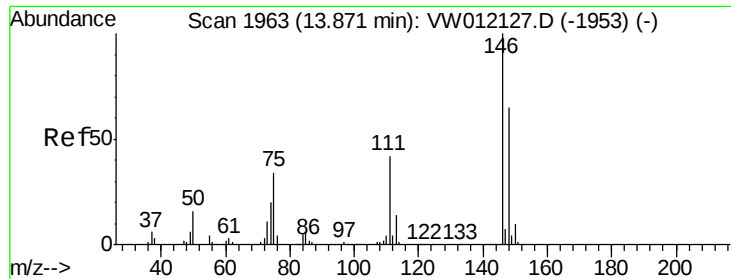
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#90
Hexachloroethane
Concen: 53.320 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	38.6	115.7





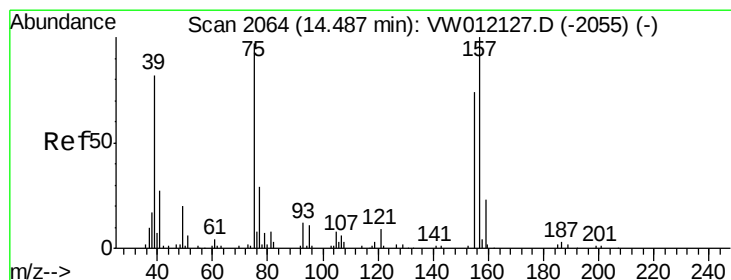
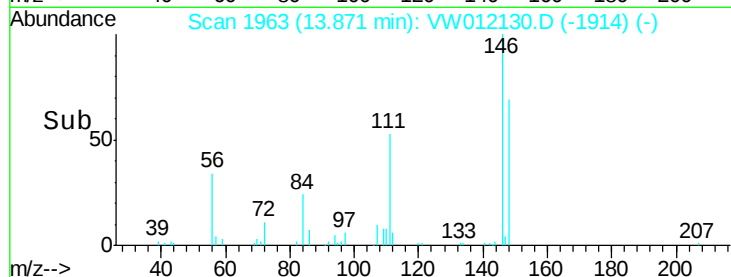
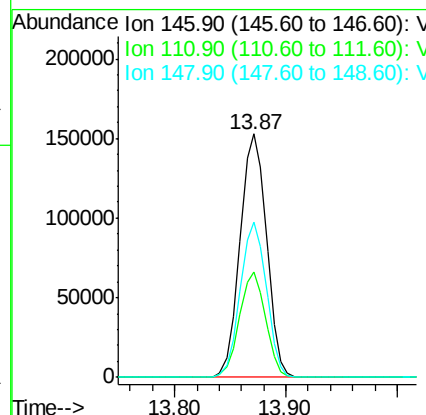
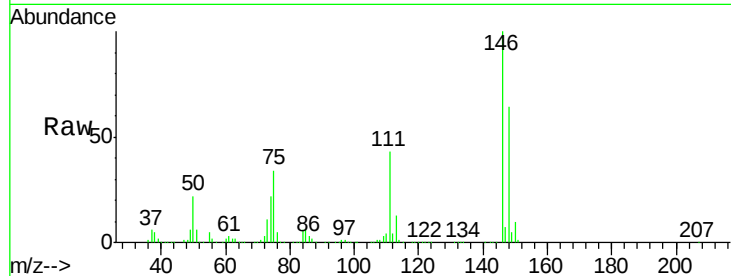
#91
 1,2-Dichlorobenzene
 Concen: 51.825 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	63.0	32.5	97.4

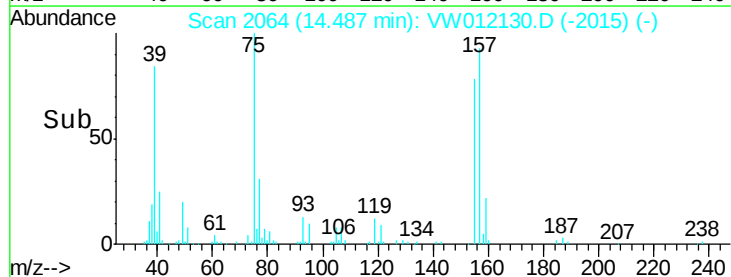
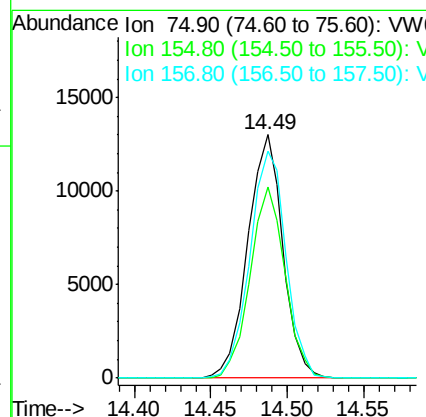
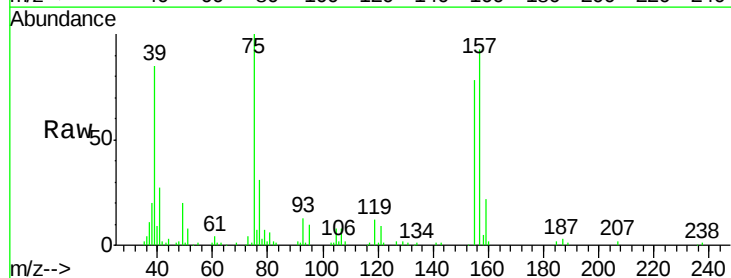
Manual Integrations
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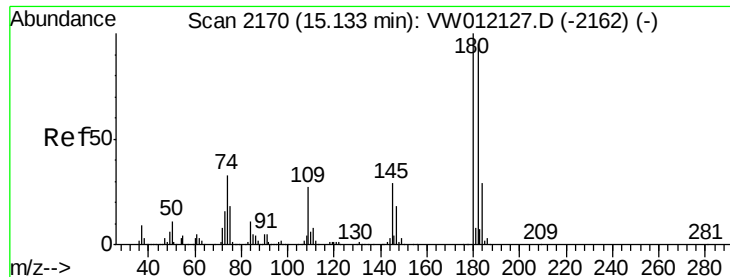
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.302 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	37.5	112.3
157	96.0	50.5	151.5





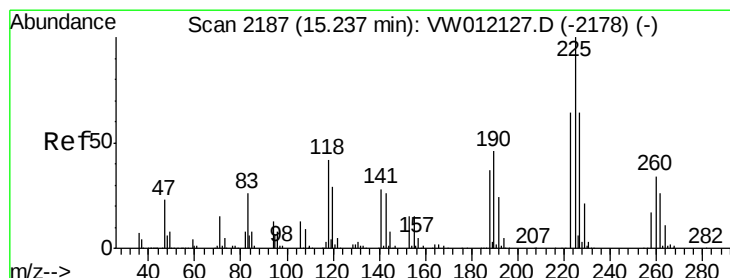
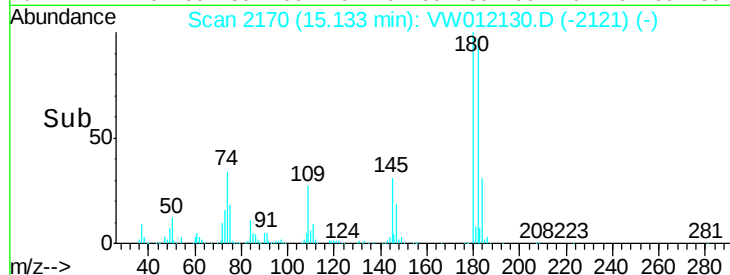
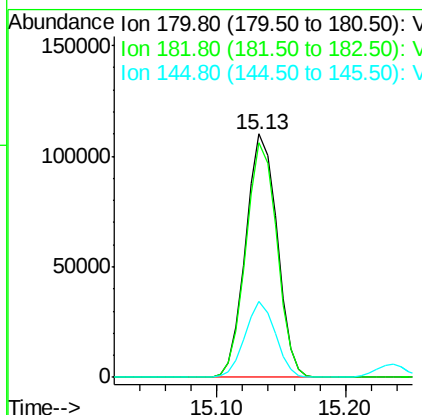
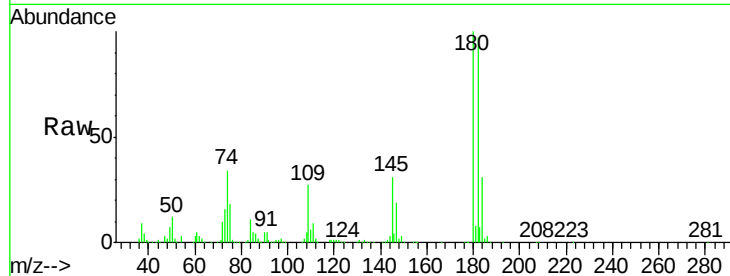
#93
 1,2,4-Trichlorobenzene
 Concen: 55.201 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	185311		
182	95.5	47.8	143.4	
145	30.4	15.0	45.1	

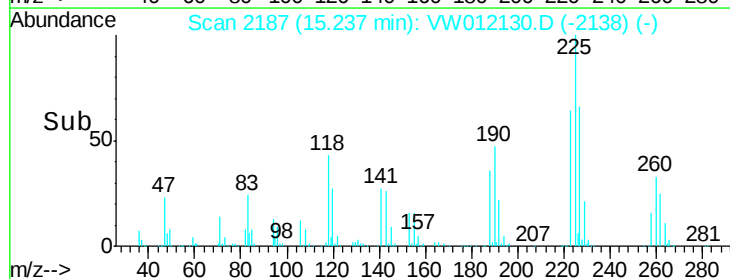
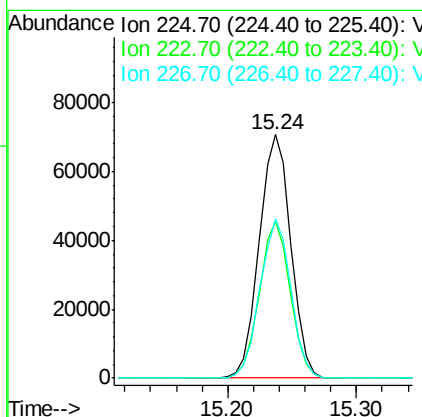
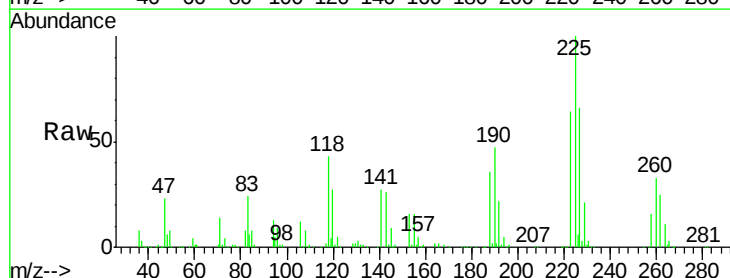
Manual Integrations
 APPROVED

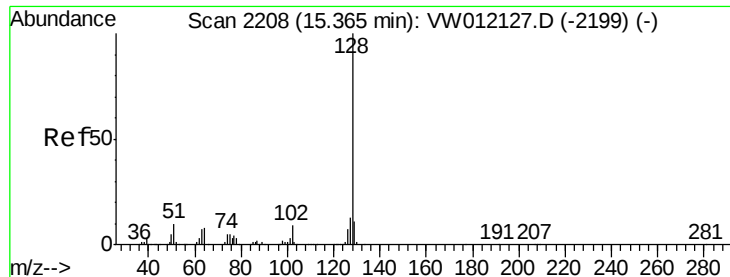
MMDadoda
 8/26/2019 11:39:22 AM



#94
 Hexachlorobutadiene
 Concen: 53.884 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119441		
223	62.9	32.3	96.8	
227	64.1	32.9	98.6	





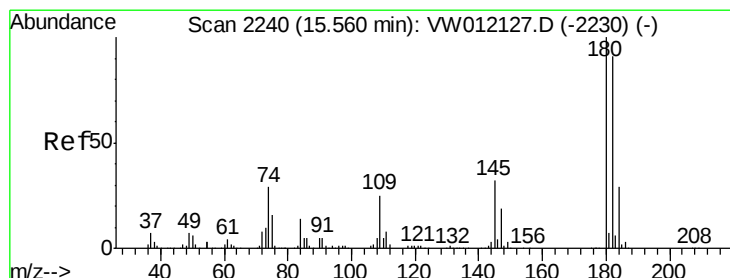
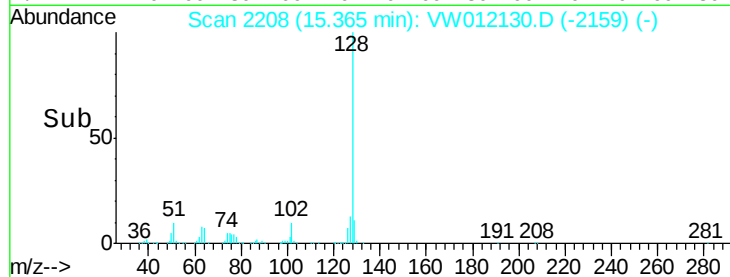
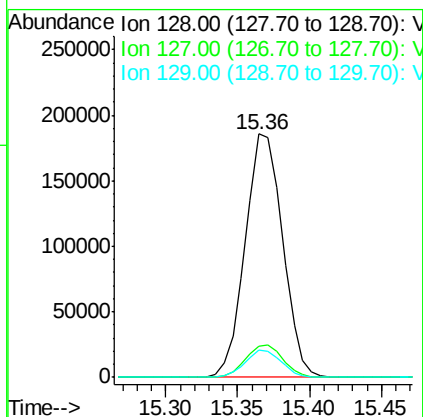
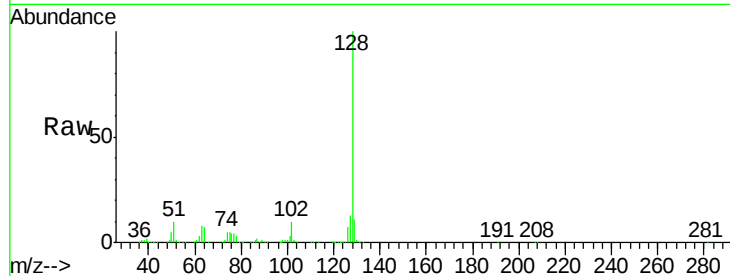
#95
Naphthalene
Concen: 50.649 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:39:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.322 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	31.9	16.2	48.5

