

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012712.D
 Acq On : 07 Sep 2019 11:03
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:02:30 PM

Quant Time: Sep 08 04:59:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 04:47:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166082	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144653	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	7.88	113	114472	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.32	98	463725	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	162027	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68293	49.896	ug/l	100
3) Chloromethane	2.21	50	82165	49.396	ug/l	100
4) Vinyl Chloride	2.36	62	103265	50.632	ug/l	100
5) Bromomethane	2.78	94	58415	52.745	ug/l	100
6) Chloroethane	2.92	64	63322	52.029	ug/l	100
7) Trichlorofluoromethane	3.25	101	74609	53.011	ug/l	100
8) Diethyl Ether	3.68	74	61164	51.707	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116584	52.785	ug/l	100
10) Methyl Iodide	4.27	142	146784	52.792	ug/l	100
11) Tert butyl alcohol	5.16	59	55840	258.721	ug/l	100
12) 1,1-Dichloroethene	4.04	96	106509	51.085	ug/l	100
13) Acrolein	3.89	56	53470	233.457	ug/l	100
14) Allyl chloride	4.67	41	226405	52.493	ug/l	100
15) Acrylonitrile	5.37	53	183593	265.730	ug/l	100
16) Acetone	4.12	43	210146	273.257	ug/l	100
17) Carbon Disulfide	4.38	76	226556	51.192	ug/l	100
18) Methyl Acetate	4.67	43	90510	50.164	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	225740	54.594	ug/l	100
20) Methylene Chloride	4.92	84	119340	49.602	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	112106	52.696	ug/l	100
22) Diisopropyl ether	6.31	45	465001	54.359	ug/l	100
23) Vinyl Acetate	6.25	43	1487619	274.405	ug/l	100
24) 1,1-Dichloroethane	6.21	63	247142	53.657	ug/l	100
25) 2-Butanone	7.17	43	271806	267.759	ug/l	100
26) 2,2-Dichloropropane	7.17	77	157912	54.282	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	132688	53.791	ug/l	100
28) Bromochloromethane	7.51	49	111188	52.573	ug/l	100
29) Tetrahydrofuran	7.52	42	163019	262.497	ug/l	100
30) Chloroform	7.67	83	239971	52.570	ug/l	100
31) Cyclohexane	7.95	56	202651	48.872	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	197851	53.470	ug/l	100
36) 1,1-Dichloropropene	8.08	75	178976	52.760	ug/l	100
37) Ethyl Acetate	7.25	43	112128	51.851	ug/l	100
38) Carbon Tetrachloride	8.07	117	178905	53.501	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	198067	51.986	ug/l	100
40) Benzene	8.32	78	498337	52.947	ug/l	100
41) Methacrylonitrile	7.48	41	70729	54.246	ug/l	100
42) 1,2-Dichloroethane	8.40	62	171804	51.867	ug/l	100
43) Isopropyl Acetate	8.42	43	216213	52.774	ug/l	100
44) Trichloroethene	9.09	130	125678	51.802	ug/l	100
45) 1,2-Dichloropropane	9.37	63	132712	50.839	ug/l	100
46) Dibromomethane	9.46	93	63366	51.261	ug/l	100
47) Bromodichloromethane	9.65	83	181582	53.392	ug/l	100
48) Methyl methacrylate	9.43	41	99854	51.000	ug/l	100
49) 1,4-Dioxane	9.44	88	23499	962.388	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	569974	265.128	ug/l	100
52) Toluene	10.38	92	309929	52.759	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	185961	53.176	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	213514	53.821	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	97175	52.509	ug/l	100
56) Ethyl methacrylate	10.65	69	142456	52.586	ug/l	100
57) 1,3-Dichloropropane	10.93	76	177719	51.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	373834	259.941	ug/l	100
59) 2-Hexanone	10.97	43	412189	262.438	ug/l	100
60) Dibromochloromethane	11.13	129	114868	52.776	ug/l	100
61) 1,2-Dibromoethane	11.23	107	89811	52.933	ug/l	100
64) Tetrachloroethene	10.86	164	104000	51.642	ug/l	100
65) Chlorobenzene	11.66	112	326025	51.973	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	124831	53.437	ug/l	100
67) Ethyl Benzene	11.73	91	626094	53.197	ug/l	100
68) m/p-Xylenes	11.84	106	433670	102.082	ug/l	100
69) o-Xylene	12.16	106	214880	53.614	ug/l	100
70) Styrene	12.18	104	382452	54.001	ug/l	100
71) Bromoform	12.35	173	69001	53.164	ug/l	# 100
73) Isopropylbenzene	12.46	105	628935	52.799	ug/l	100
74) N-amyl acetate	12.27	43	200589	53.052	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	120024	50.172	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	82066m	50.352	ug/l	
77) Bromobenzene	12.74	156	138665	51.381	ug/l	100
78) n-propylbenzene	12.80	91	751144	52.725	ug/l	100
79) 2-Chlorotoluene	12.89	91	429204	52.479	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	535179	53.318	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42132	52.473	ug/l	100
82) 4-Chlorotoluene	12.99	91	445580	51.506	ug/l	100
83) tert-Butylbenzene	13.21	119	465705	52.473	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	521762	51.588	ug/l	100
85) sec-Butylbenzene	13.38	105	652078	52.948	ug/l	100
86) p-Isopropyltoluene	13.50	119	598088	53.167	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	272337	51.341	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	271044	51.350	ug/l	100
89) n-Butylbenzene	13.82	91	574510	52.606	ug/l	100
90) Hexachloroethane	14.09	117	103803	52.858	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	241370	50.555	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21278	48.603	ug/l	100

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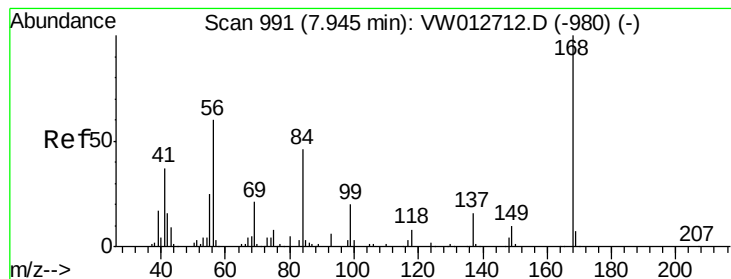
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178631	53.739	ug/l	100
94) Hexachlorobutadiene	15.24	225	122735	53.345	ug/l	100
95) Naphthalene	15.36	128	340486	55.017	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	160881	54.831	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampleID :

VSTDICCC050

Tot Ion:168 Resp: 252470

Ion Ratio Lower Upper

168 100

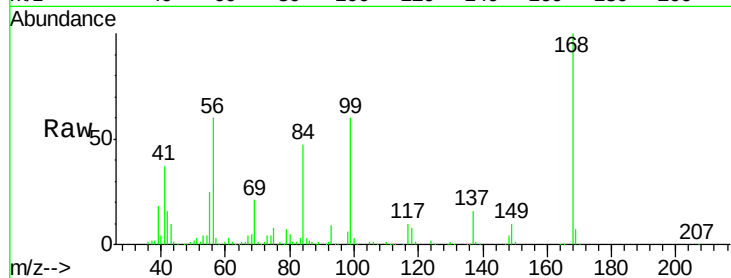
99 59.7 47.8 71.6

Manual Integrations

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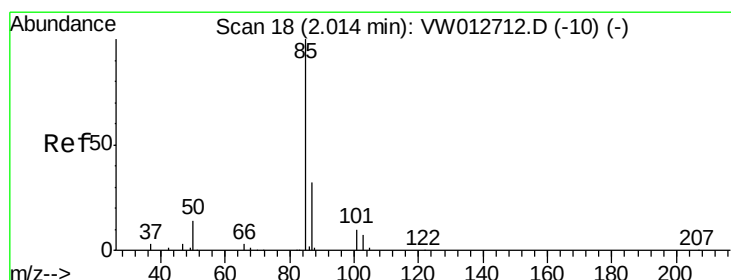
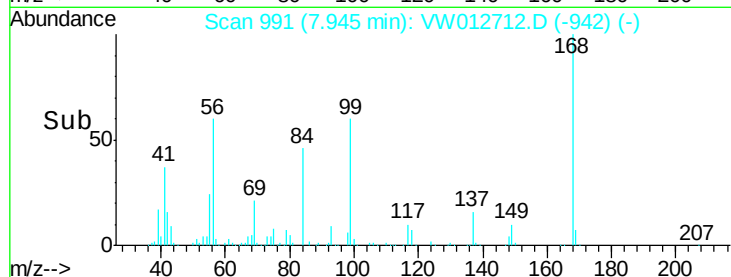
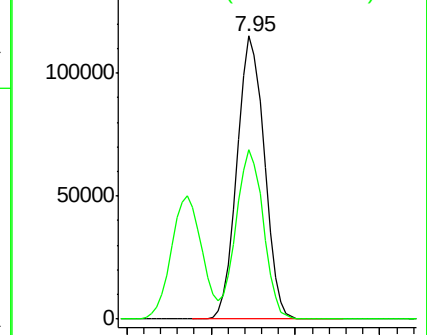
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.896 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW012712.D

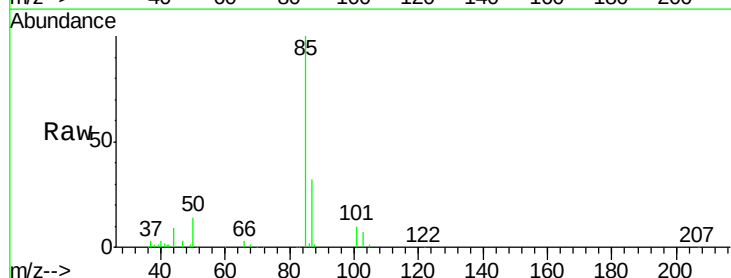
Acq: 07 Sep 2019 11:03

Tgt Ion: 85 Resp: 68293

Ion Ratio Lower Upper

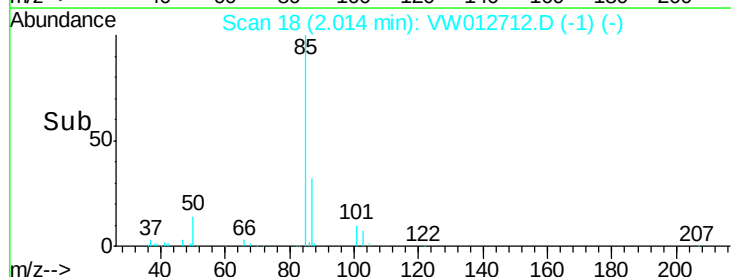
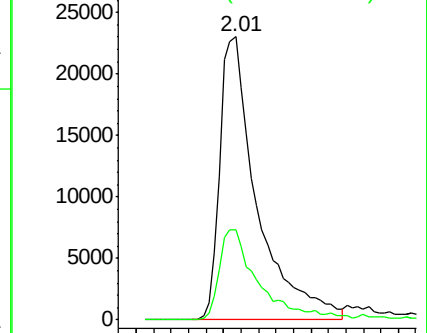
85 100

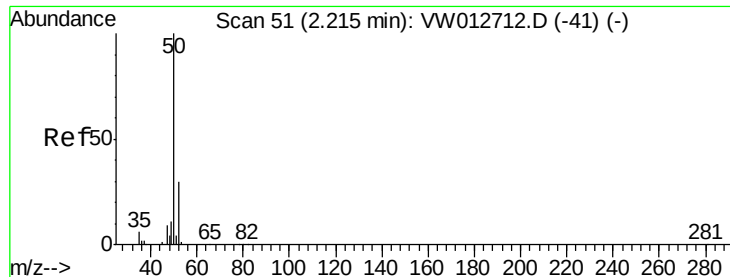
87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.396 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 82165

Ion Ratio Lower Upper

50 100

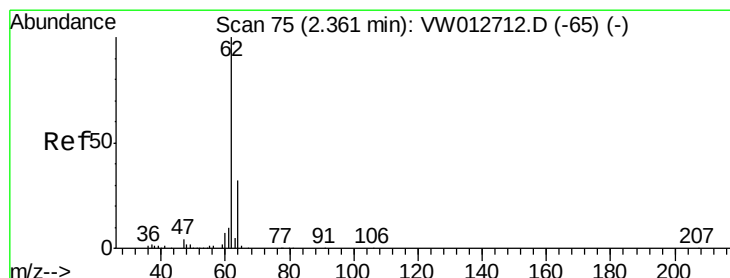
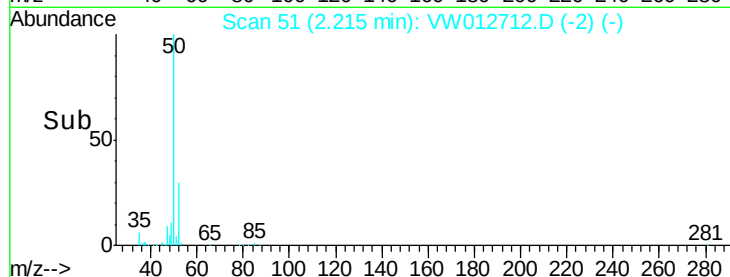
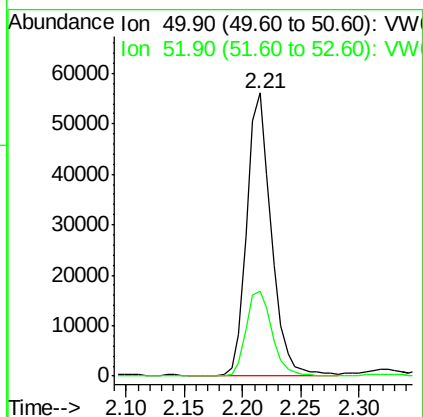
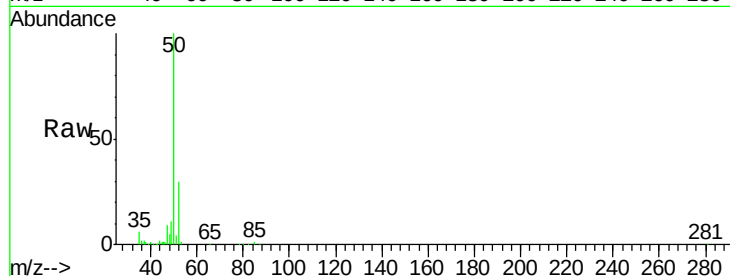
52 30.2 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.632 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012712.D

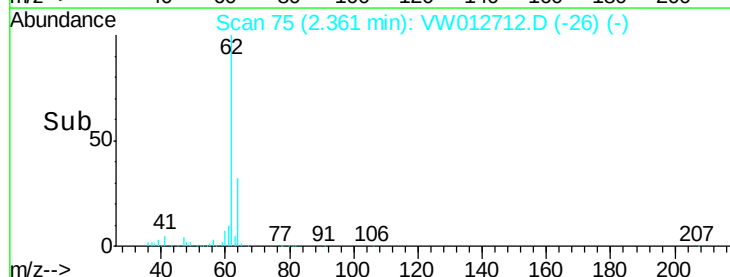
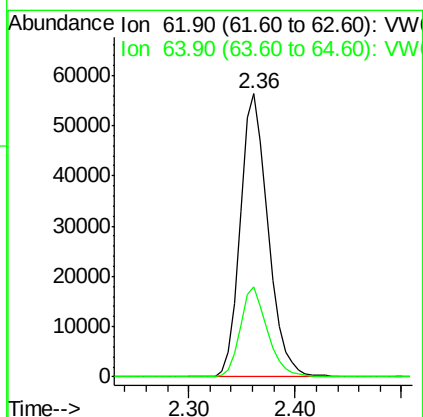
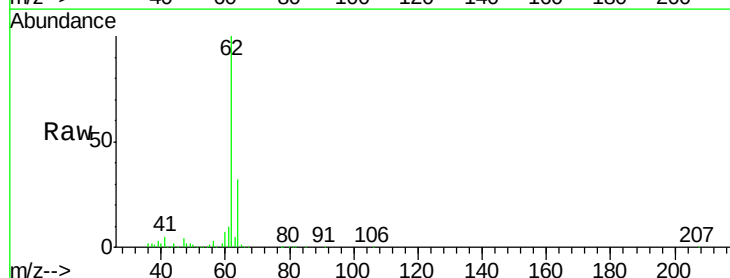
Acq: 07 Sep 2019 11:03

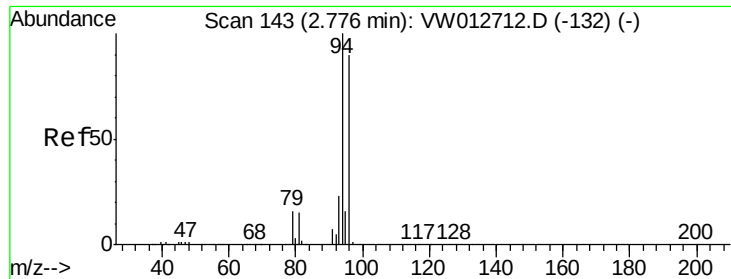
Tgt Ion: 62 Resp: 103265

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 52.745 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 94 Resp: 58415

Ion Ratio Lower Upper

94 100

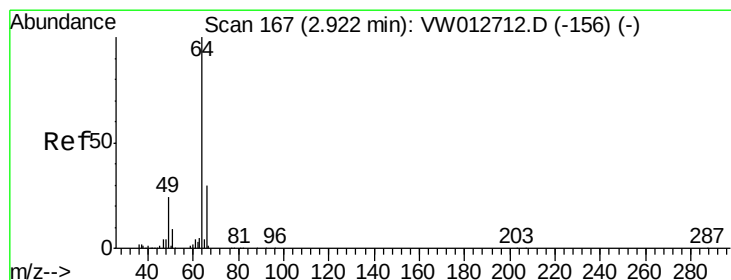
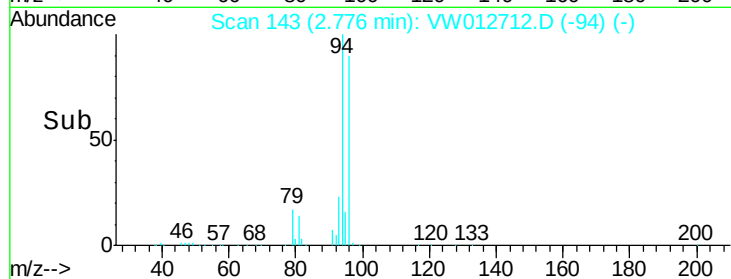
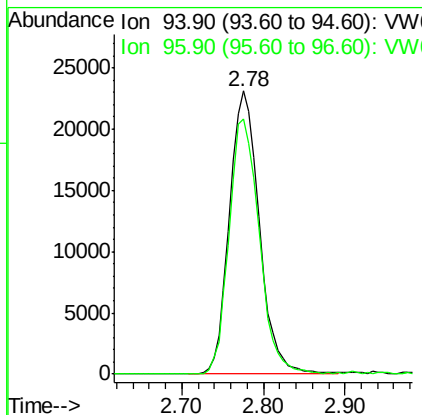
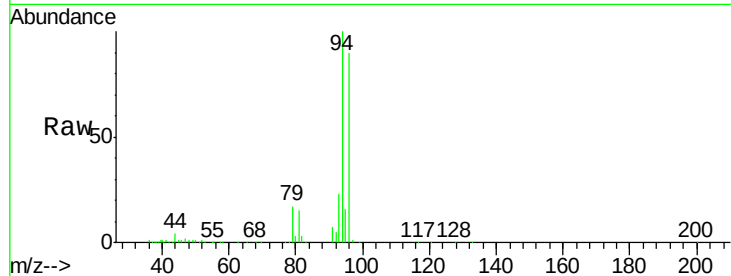
96 90.1 72.1 108.1

Manual Integrations

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#6

Chloroethane

Concen: 52.029 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW012712.D

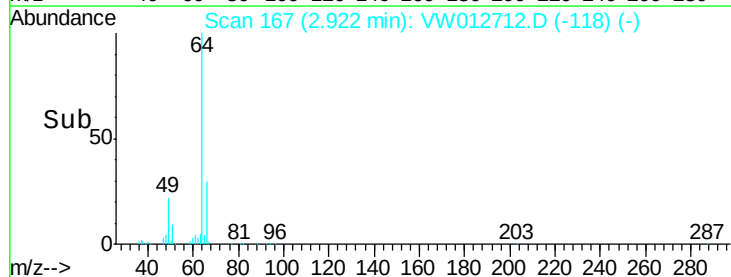
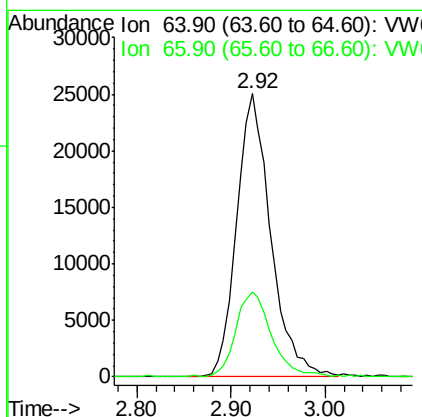
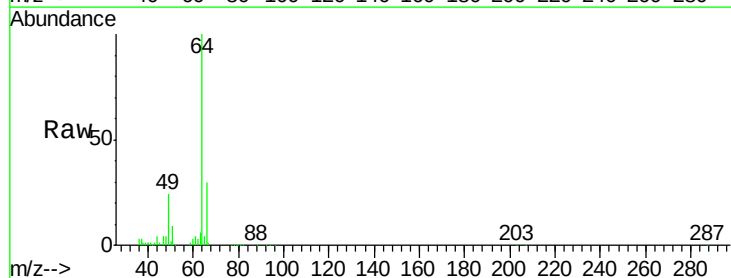
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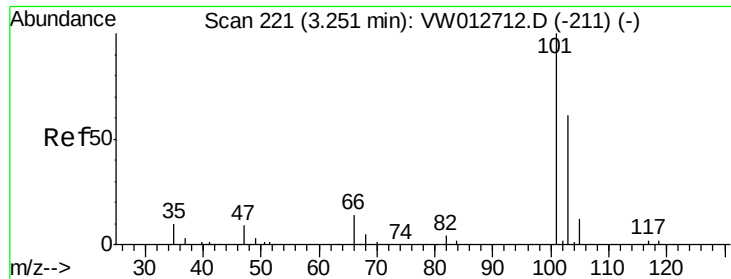
Tgt Ion: 64 Resp: 63322

Ion Ratio Lower Upper

64 100

66 29.7 23.8 35.6





#7

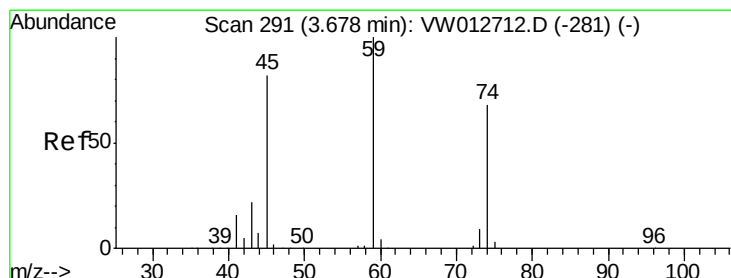
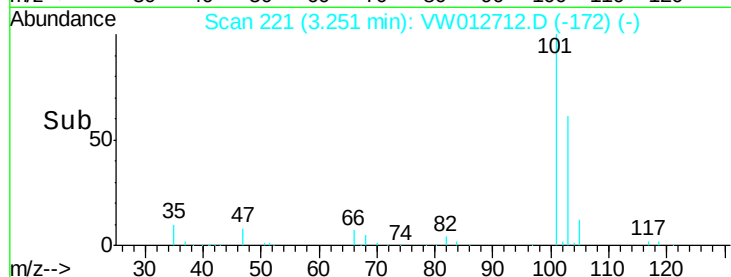
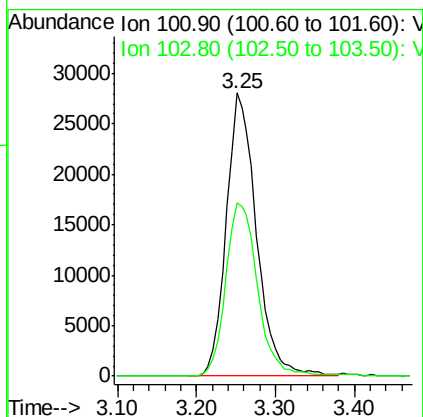
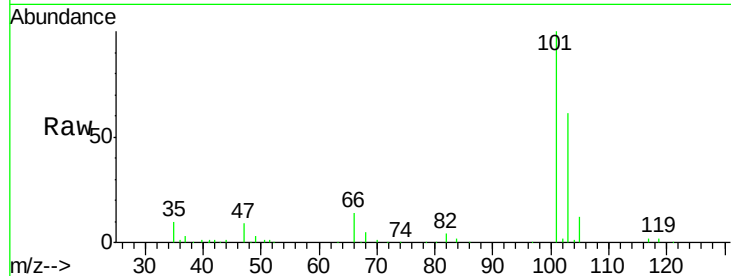
Trichlorofluoromethane
 Concen: 53.011 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW012712.D
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Tot Ion	101	Resp	74609
Ion Ratio	100	Lower	Upper
101	100		
103	61.2	49.0	73.4

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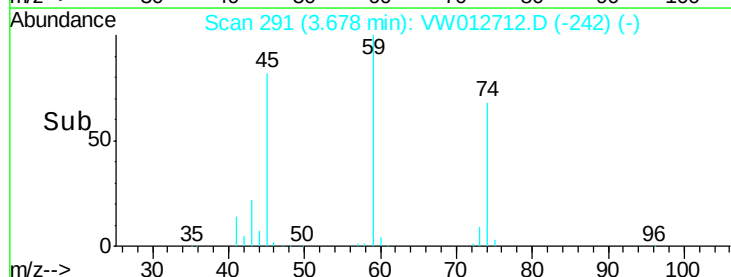
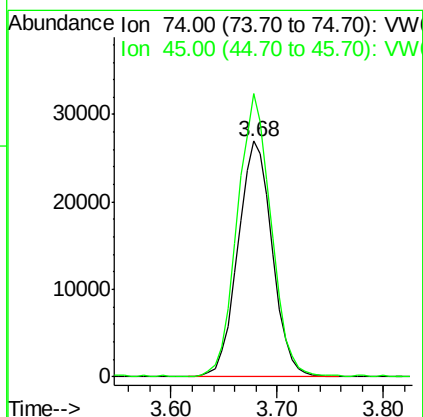
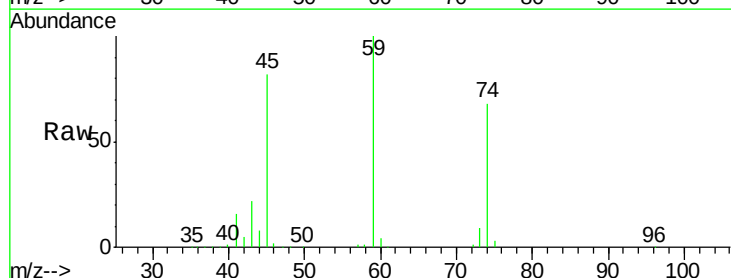
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 9/10/2019 1:02:30 PM

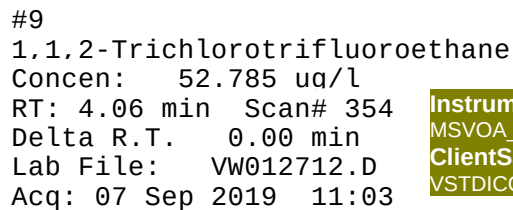


#8

Diethyl Ether
 Concen: 51.707 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	74	Resp	61164
Ion Ratio	100	Lower	Upper
74	100		
45	117.6	58.8	176.4



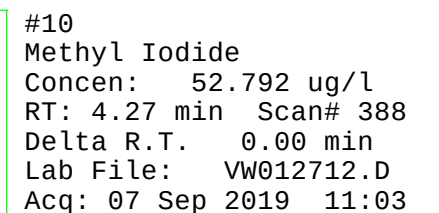
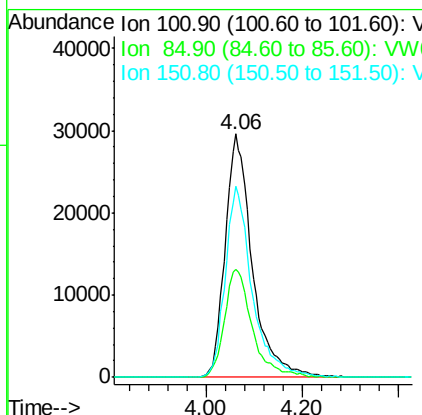


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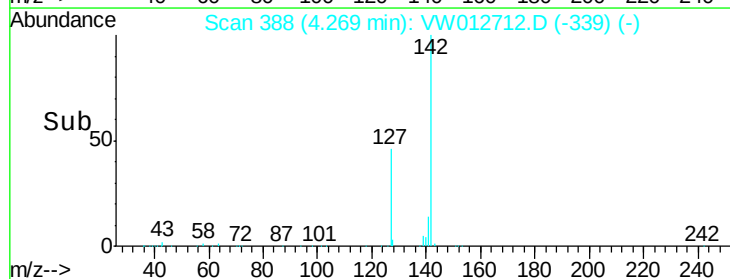
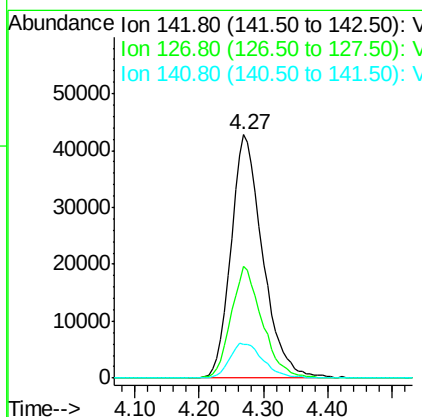
Manual Integrations

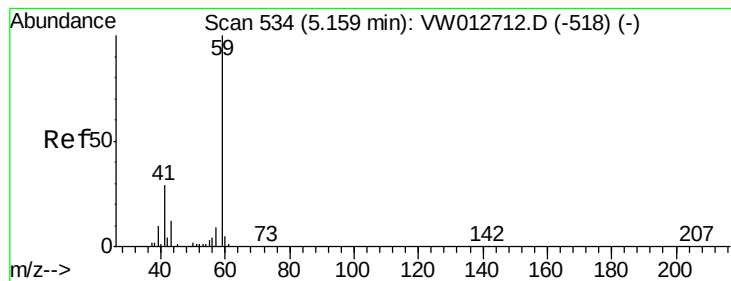
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Tqt	Ion:101	Resp:	116584
Ion	Ratio	Lower	Upper
101	100		
85	45.2	36.2	54.2
151	77.4	61.9	92.9



Tgt	Ion:142	Resp:	146784
Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.0	54.0
141	15.3	12.2	18.4





#11

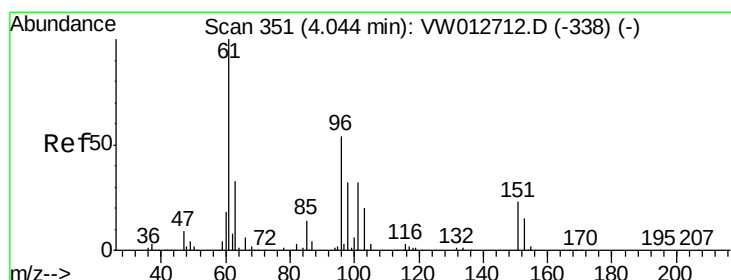
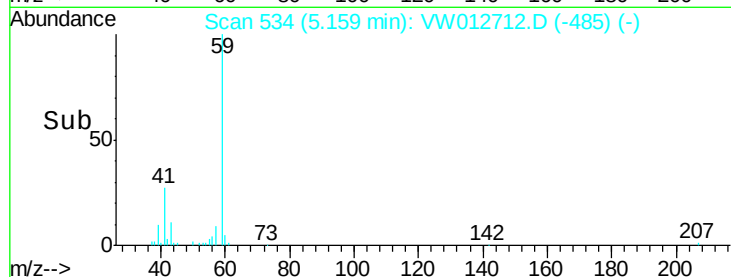
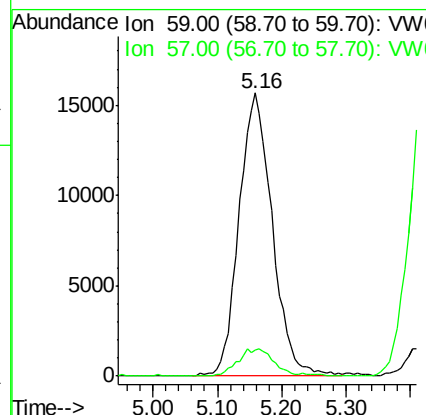
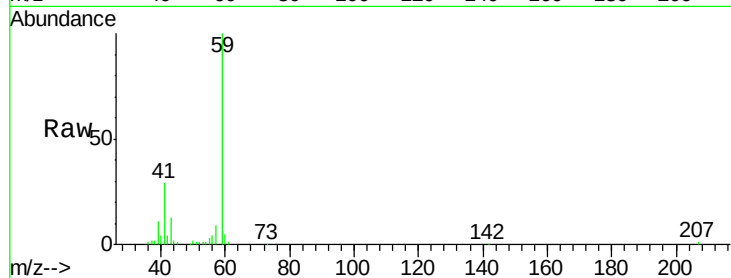
Tert butyl alcohol
 Concen: 258.721 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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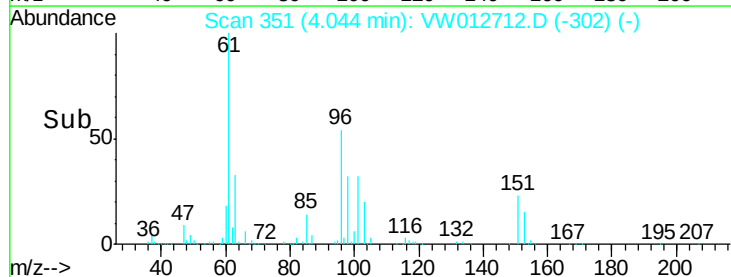
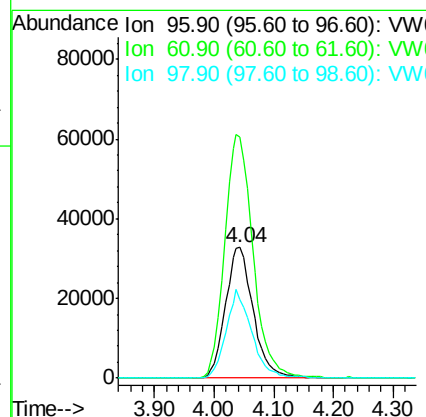
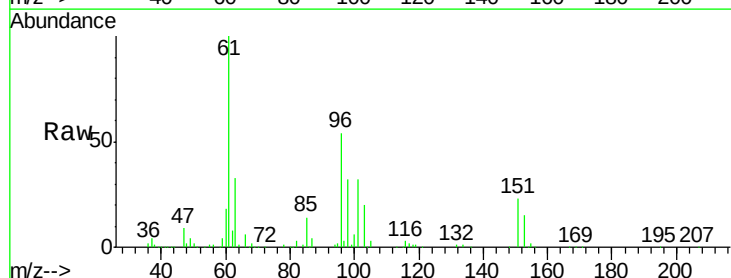
MMDadoda
 9/10/2019 1:02:30 PM

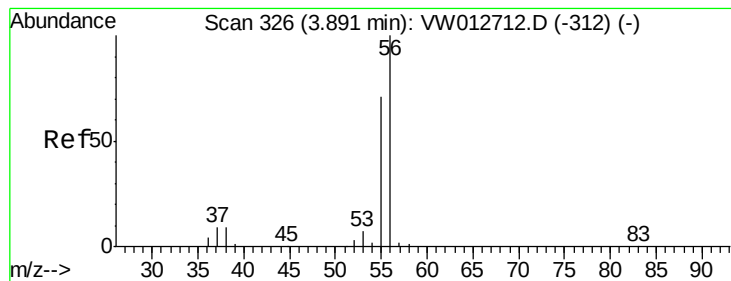


#12

1,1-Dichloroethene
 Concen: 51.085 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.7	147.8	221.6
98	59.9	47.9	71.9





#13

Acrolein

Concen: 233.457 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 53470

Ion Ratio Lower Upper

56 100

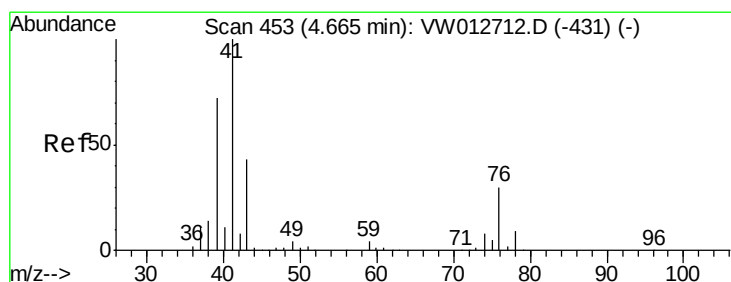
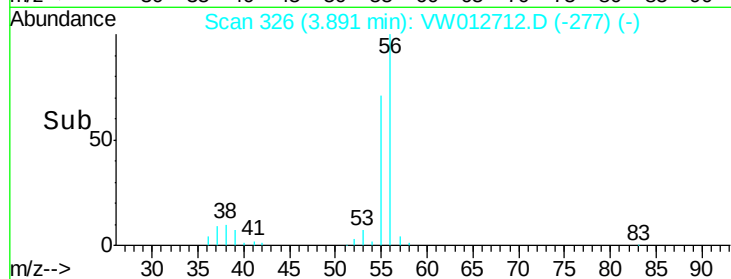
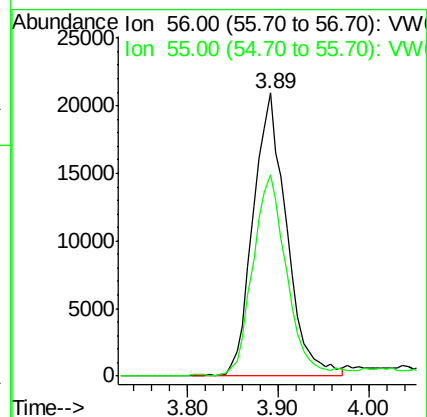
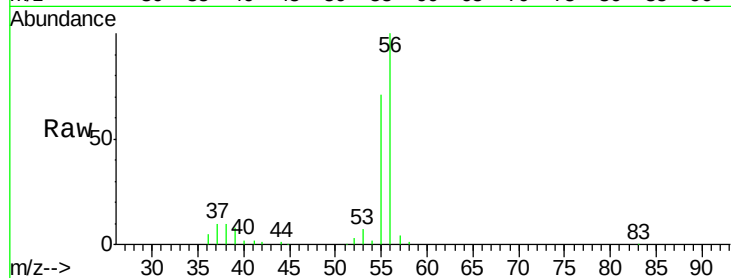
55 71.1 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 52.493 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

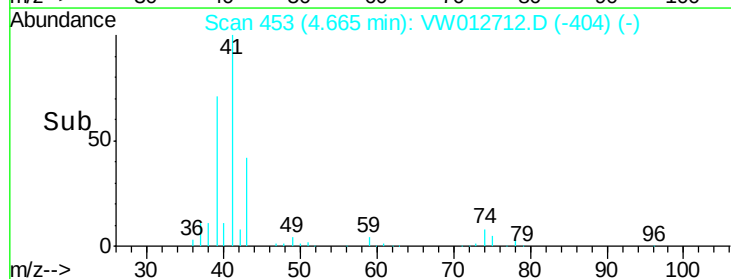
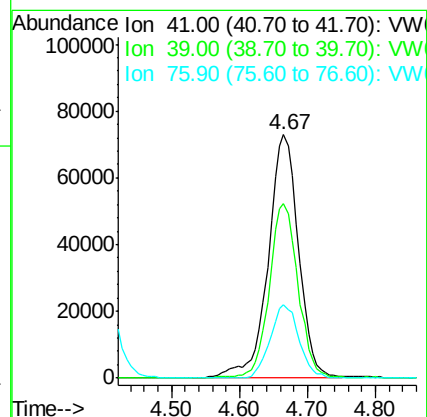
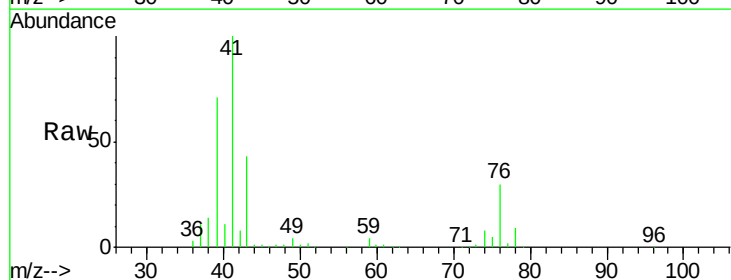
Tgt Ion: 41 Resp: 226405

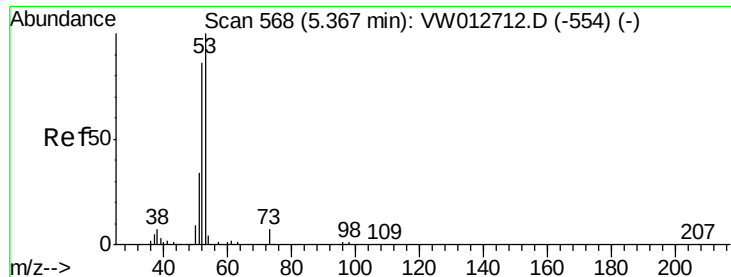
Ion Ratio Lower Upper

41 100

39 68.8 55.0 82.6

76 28.7 23.0 34.4





#15

Acrylonitrile

Concen: 265.730 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

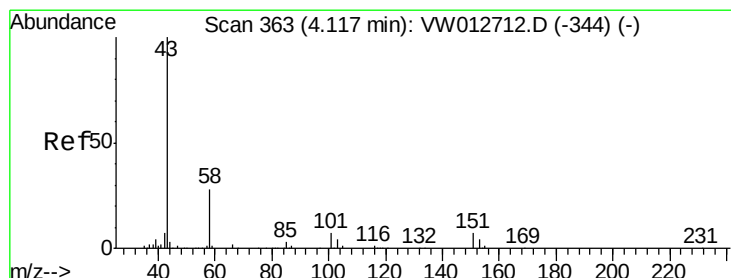
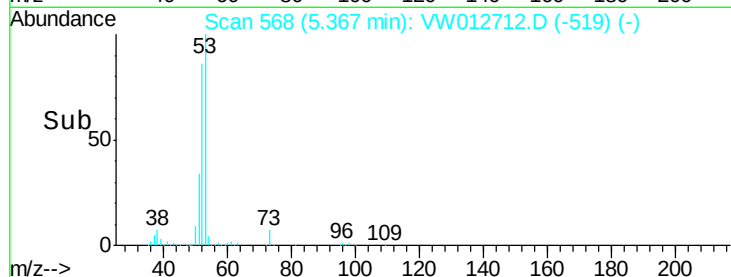
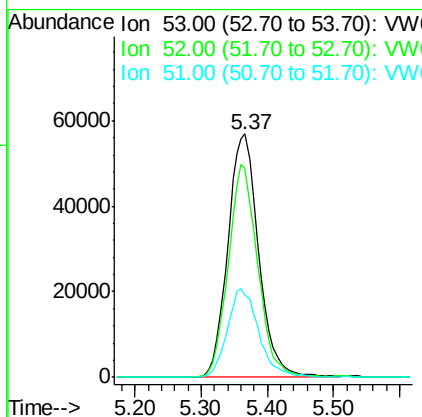
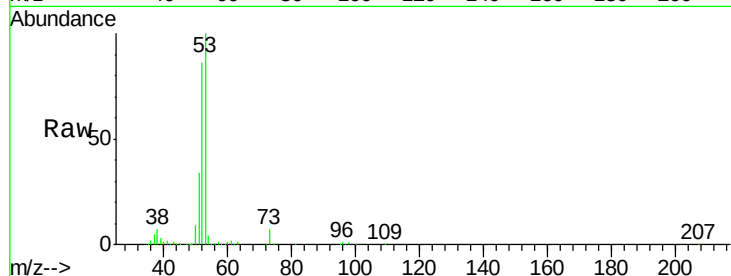
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	183593
Ion Ratio		Lower	Upper
53	100		
52	83.7	67.0	100.4
51	37.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 273.257 ug/l

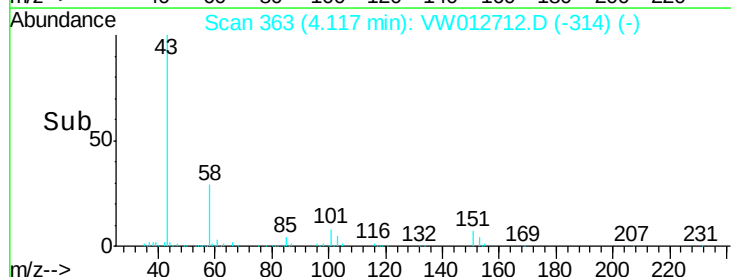
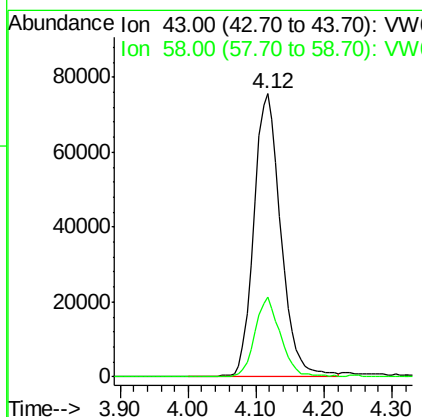
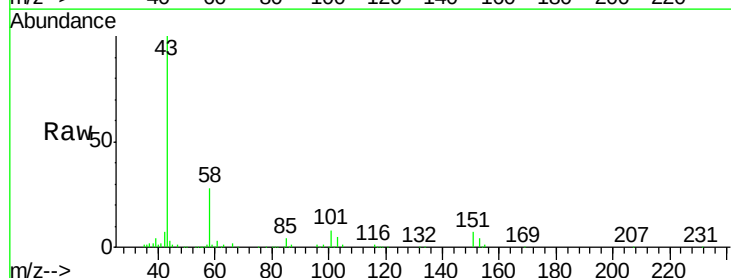
RT: 4.12 min Scan# 363

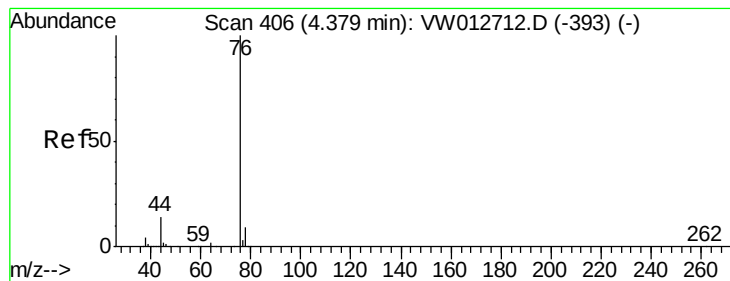
Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Tgt Ion:	43	Resp:	210146
Ion Ratio		Lower	Upper
43	100		
58	28.2	22.6	33.8





#17

Carbon Disulfide

Concen: 51.192 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 226556

Ion Ratio Lower Upper

76 100

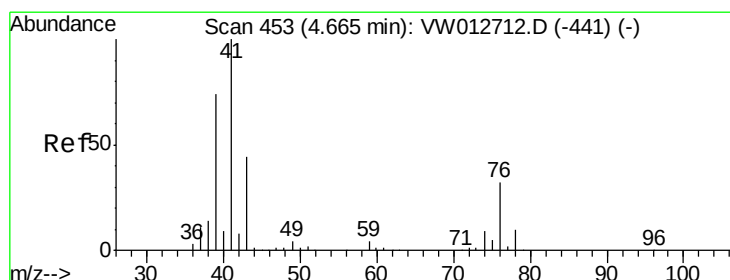
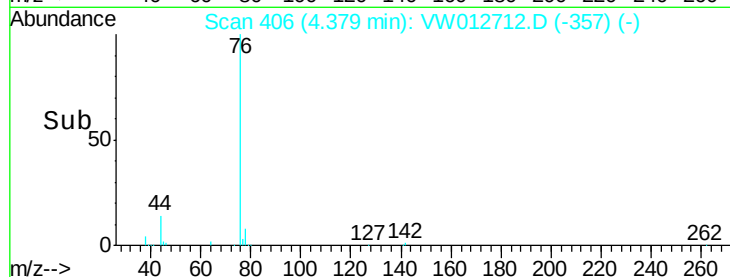
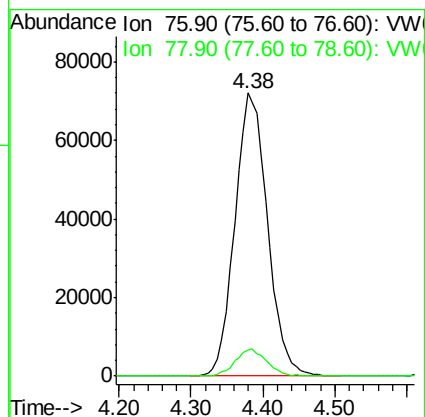
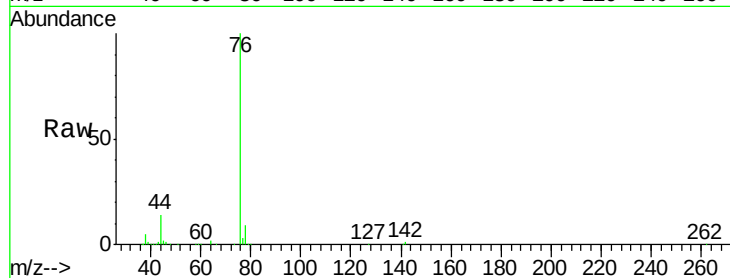
78 9.0 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 50.164 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012712.D

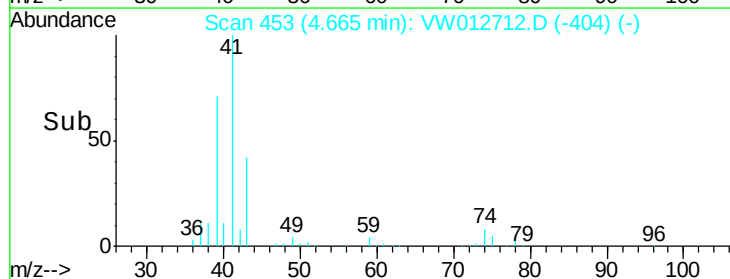
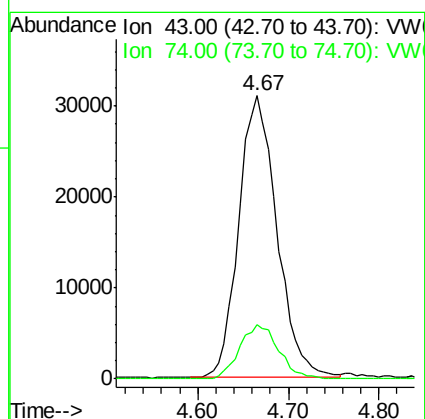
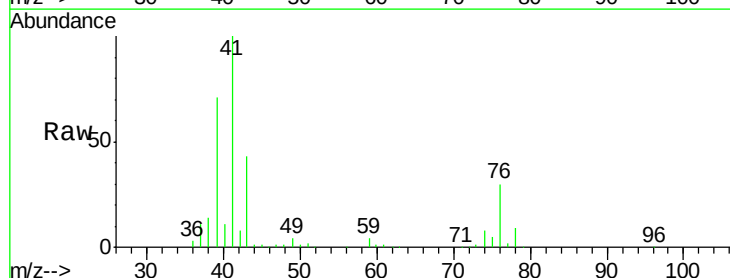
Acq: 07 Sep 2019 11:03

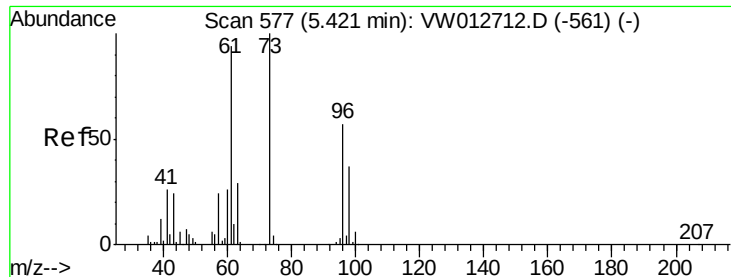
Tgt Ion: 43 Resp: 90510

Ion Ratio Lower Upper

43 100

74 19.7 15.8 23.6





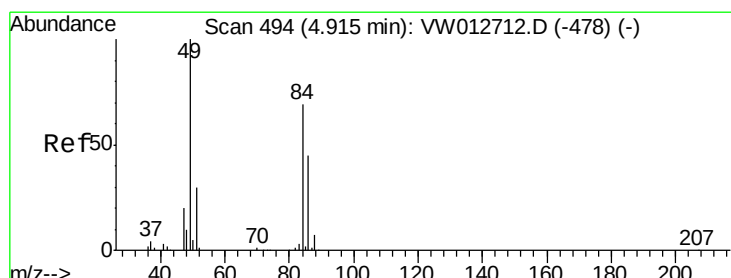
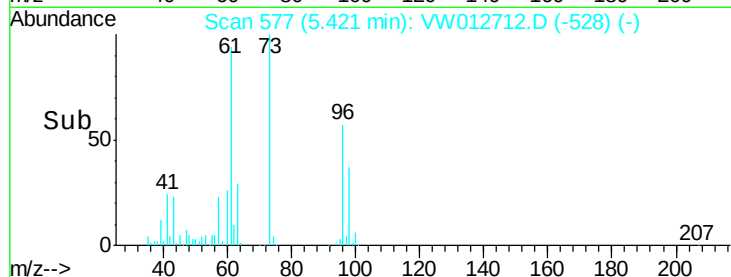
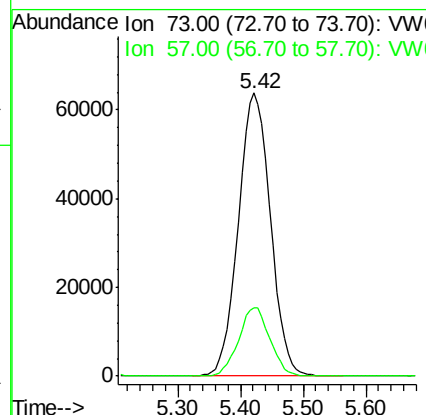
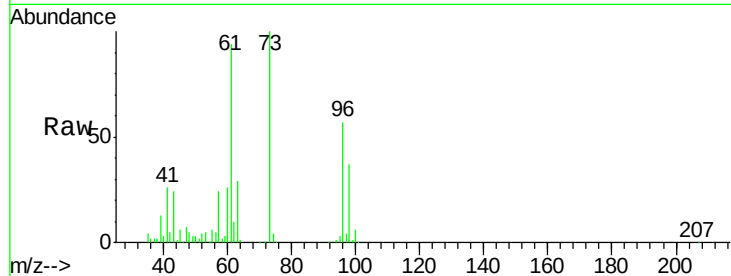
#19
Methyl tert-butyl Ether
Concen: 54.594 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 225740
Ion Ratio Lower Upper
73 100
57 24.0 19.2 28.8

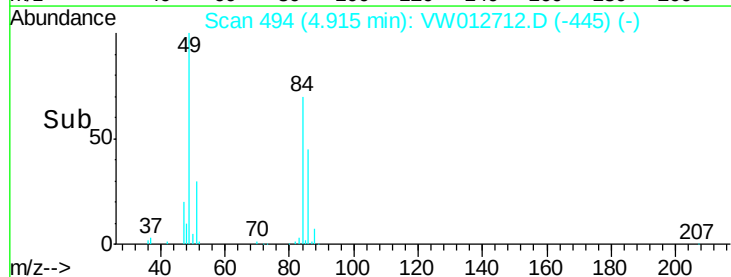
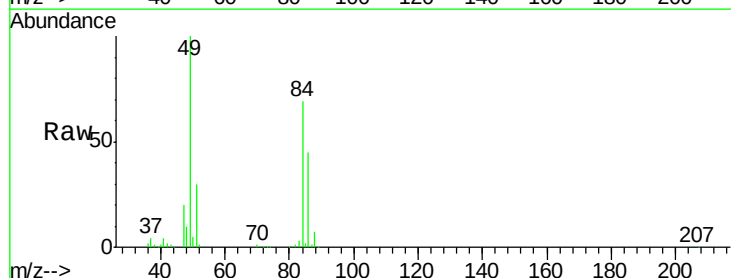
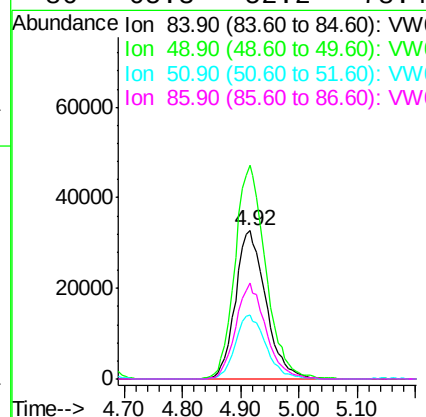
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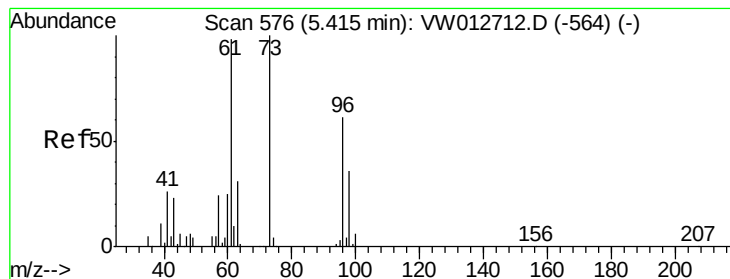
MMDadoda
9/10/2019 1:02:30 PM



#20
Methylene Chloride
Concen: 49.602 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion: 84 Resp: 119340
Ion Ratio Lower Upper
84 100
49 144.2 115.4 173.0
51 43.6 34.9 52.3
86 65.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 52.696 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

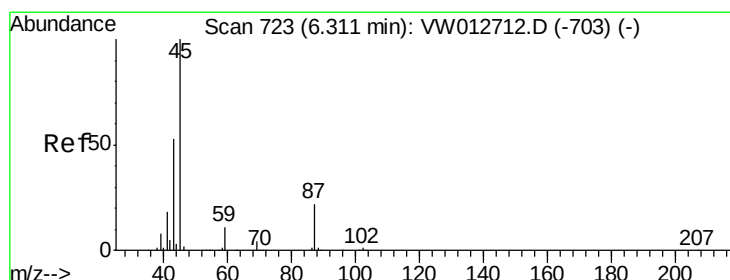
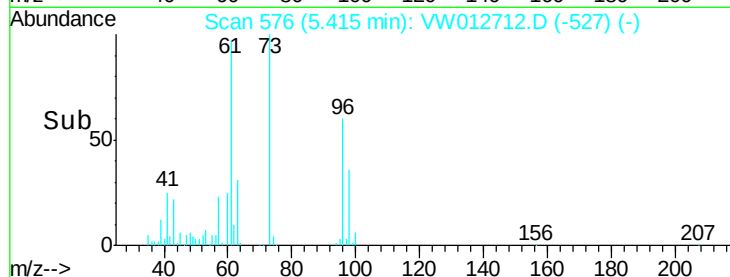
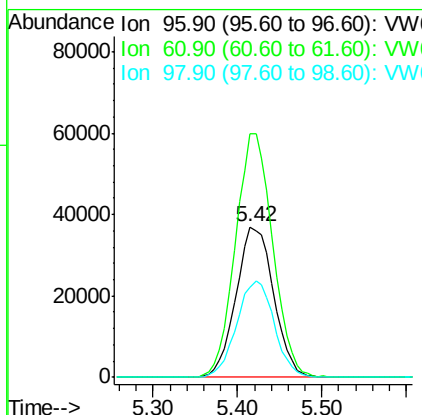
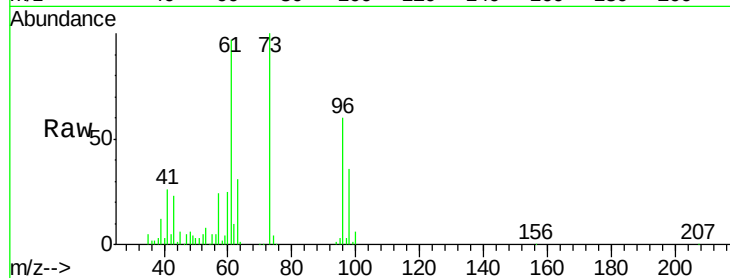
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	112106
Ion	Ratio	Lower	Upper
96	100		
61	161.5	129.2	193.8
98	60.0	48.0	72.0

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#22

Diisopropyl ether

Concen: 54.359 ug/l

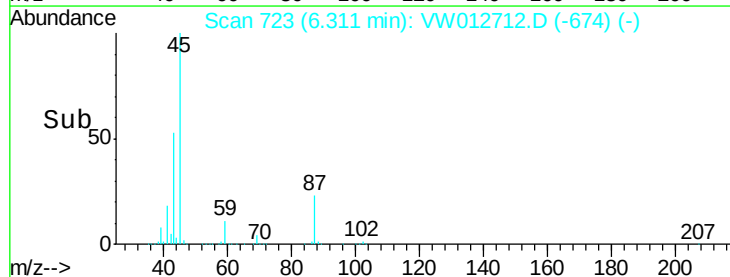
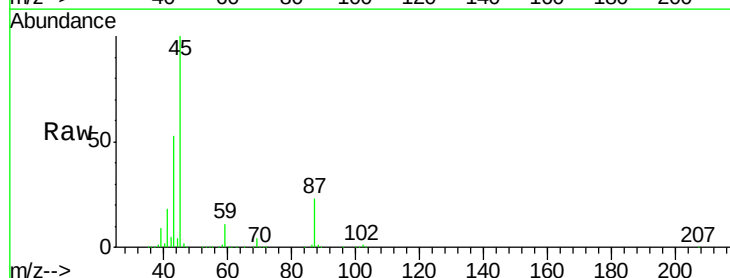
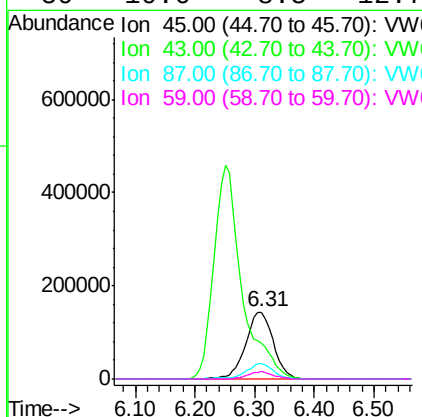
RT: 6.31 min Scan# 723

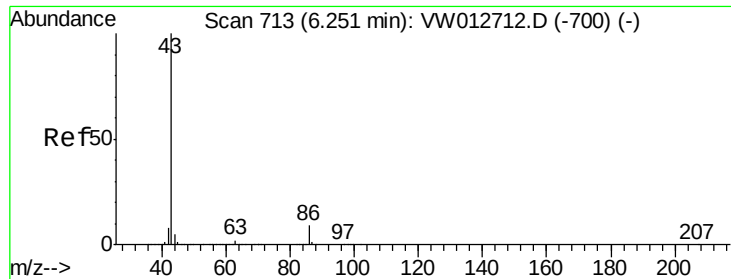
Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Tgt Ion:	45	Resp:	465001
Ion	Ratio	Lower	Upper
45	100		
43	52.9	42.3	63.5
87	22.7	18.2	27.2
59	10.6	8.5	12.7





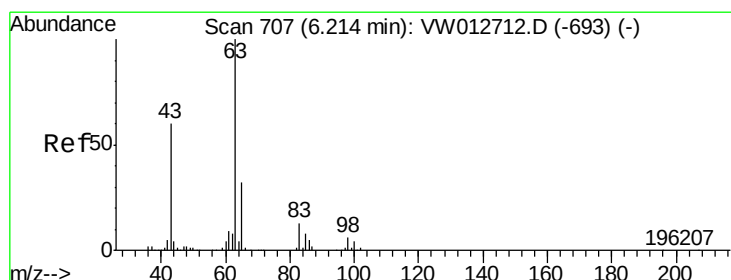
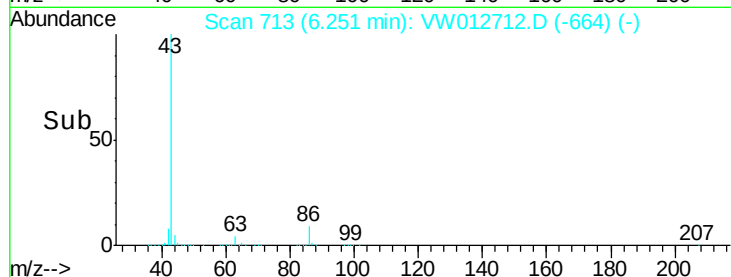
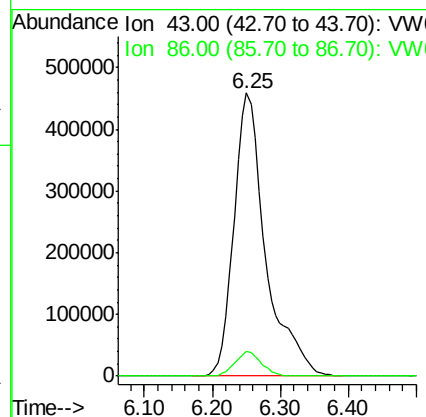
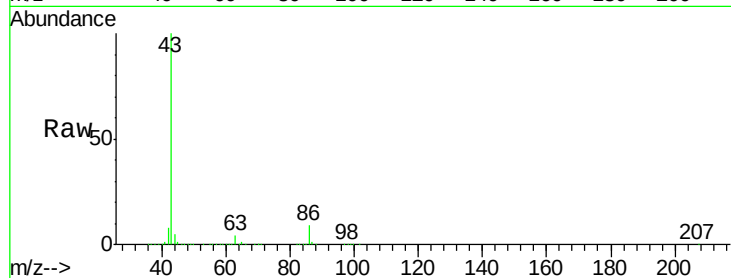
#23
 Vinyl Acetate
 Concen: 274.405 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 1487619
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.0 10.6

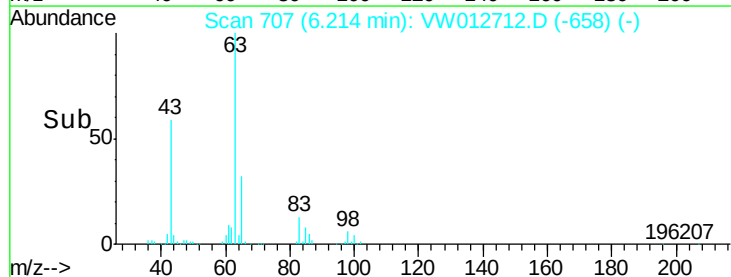
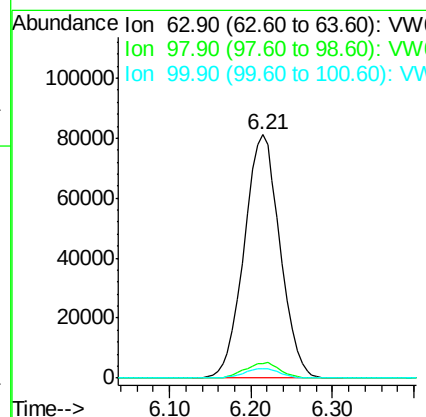
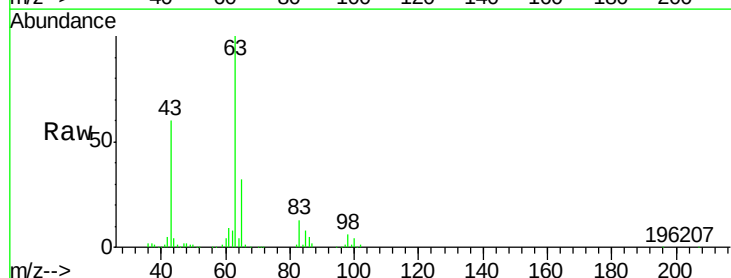
Manual Integrations
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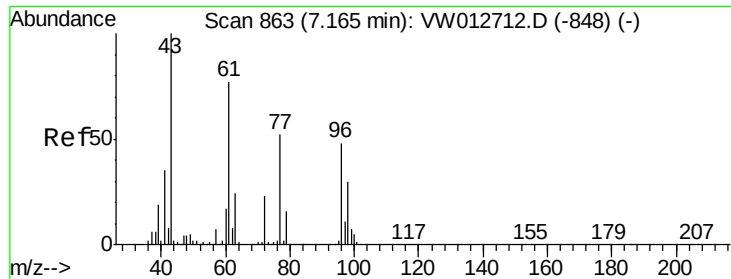
MMDadoda
 9/10/2019 1:02:30 PM



#24
 1,1-Dichloroethane
 Concen: 53.657 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion: 63 Resp: 247142
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 267.759 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 271806

Ion Ratio Lower Upper

43 100

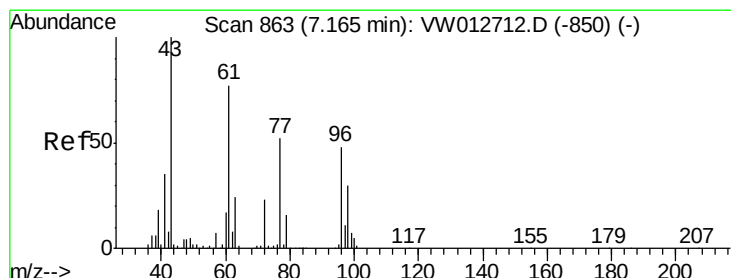
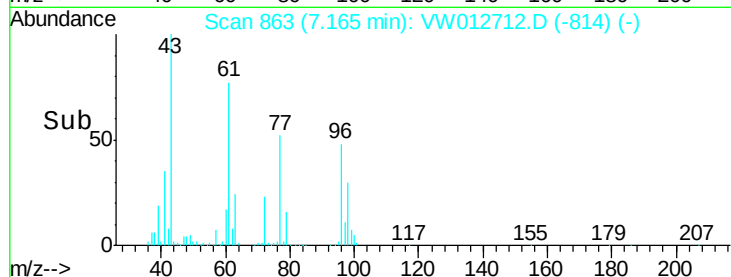
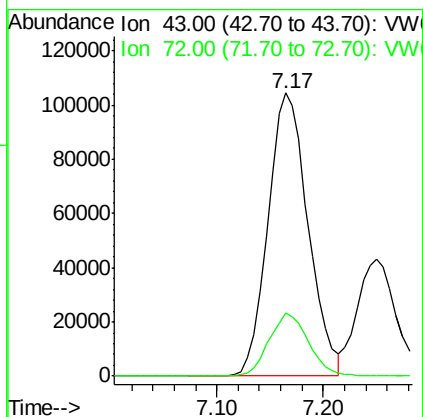
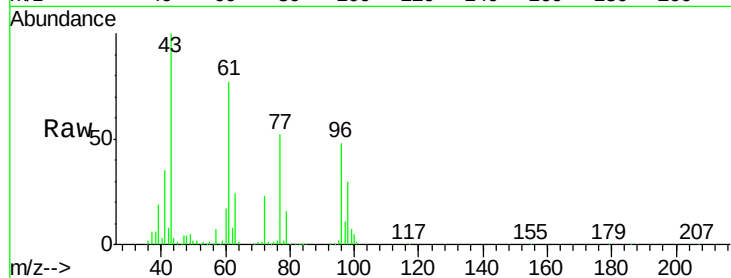
72 22.5 18.0 27.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.282 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012712.D

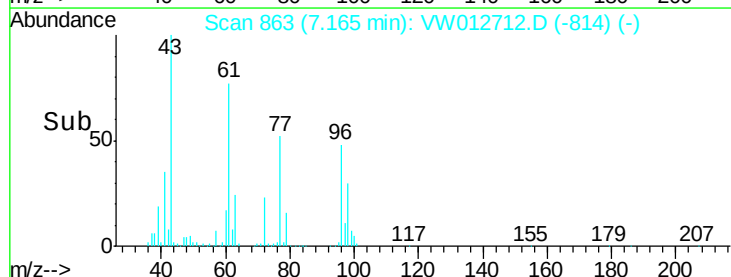
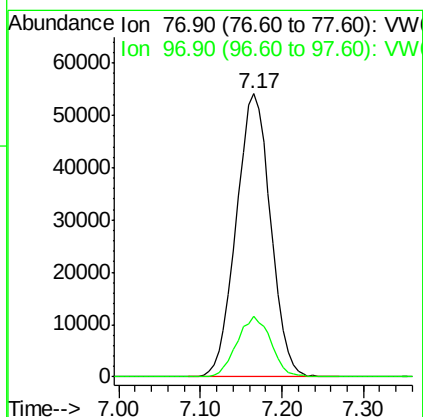
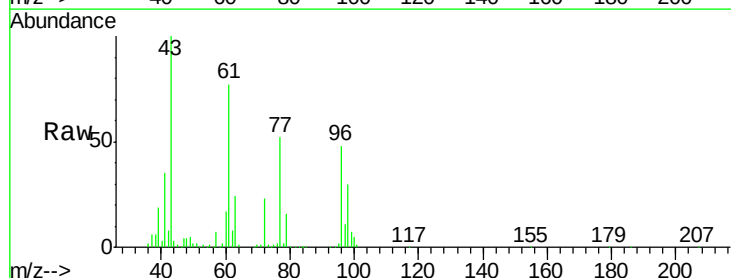
Acq: 07 Sep 2019 11:03

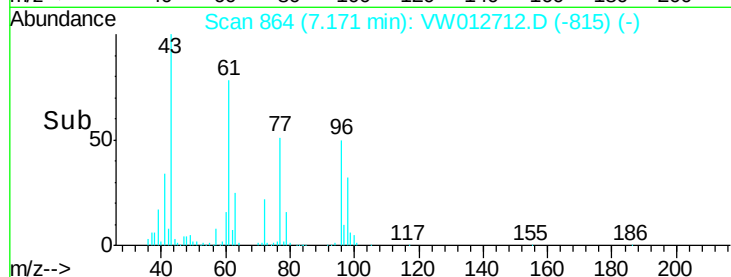
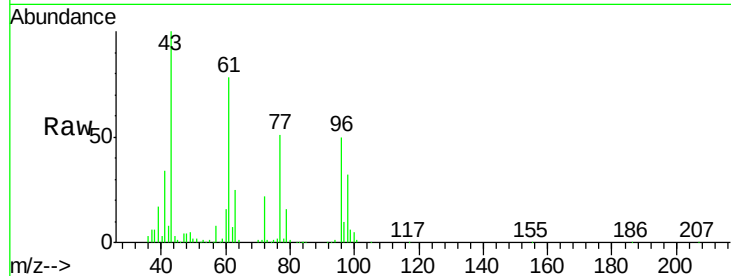
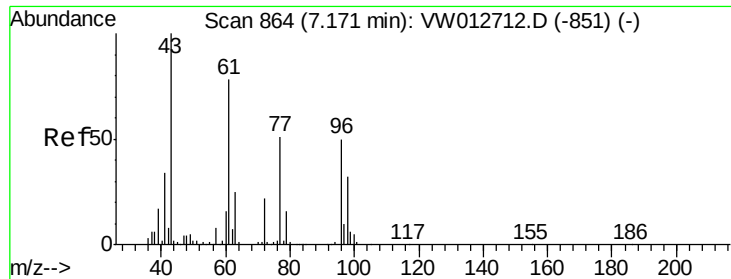
Tgt Ion: 77 Resp: 157912

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1





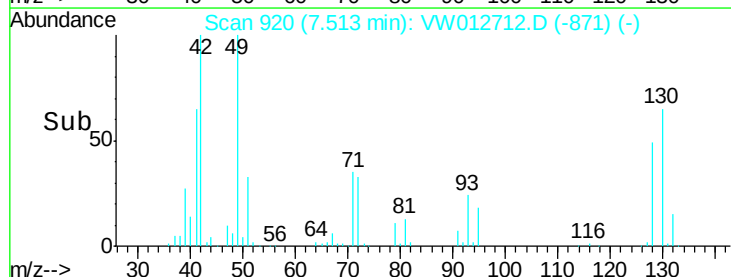
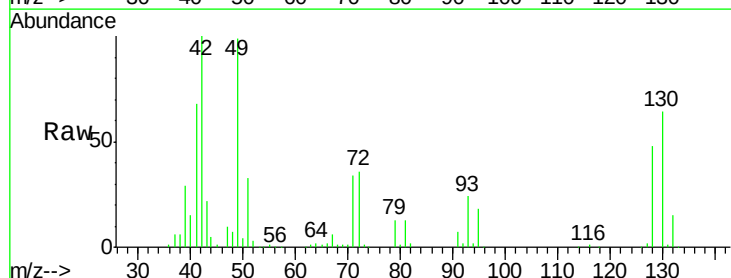
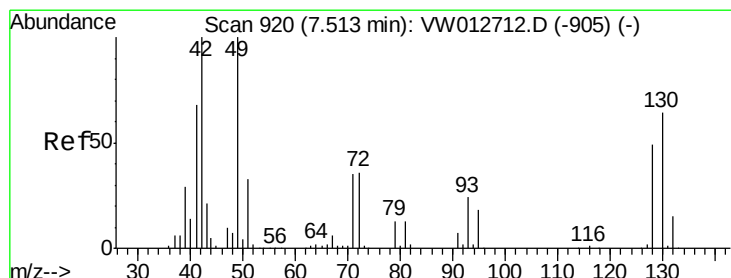
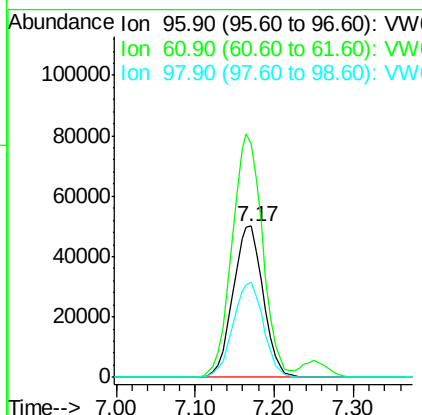
#27
 cis-1,2-Dichloroethene
 Concen: 53.791 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	132688		
61	162.9	0.0	325.8	
98	63.5	0.0	127.0	

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

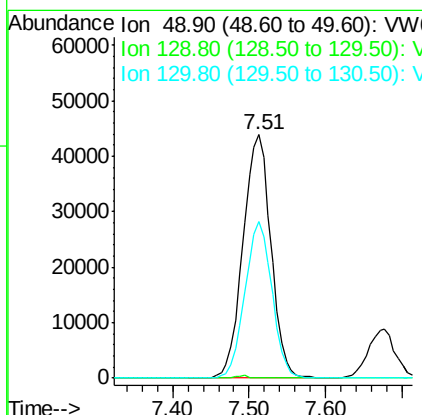
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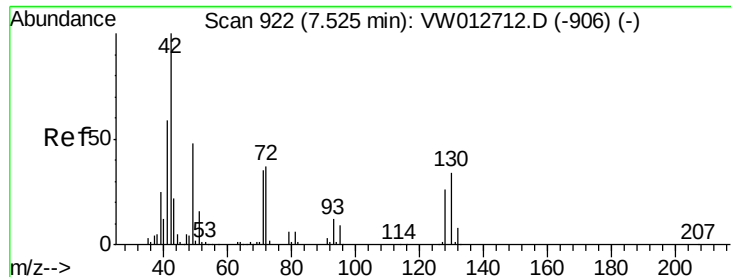
MMDadoda
 9/10/2019 1:02:30 PM



#28
 Bromochloromethane
 Concen: 52.573 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111188		
129	0.4	0.0	0.8	
130	62.3	49.8	74.8	





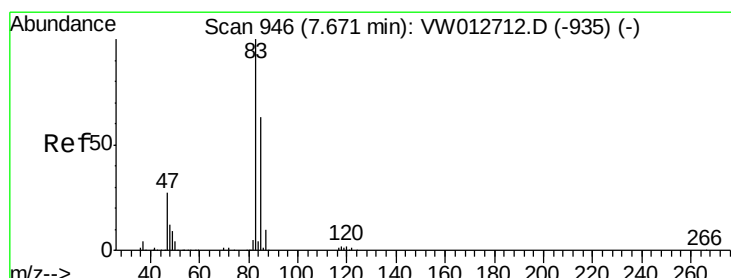
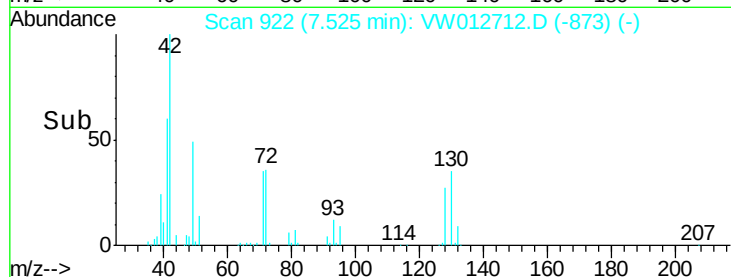
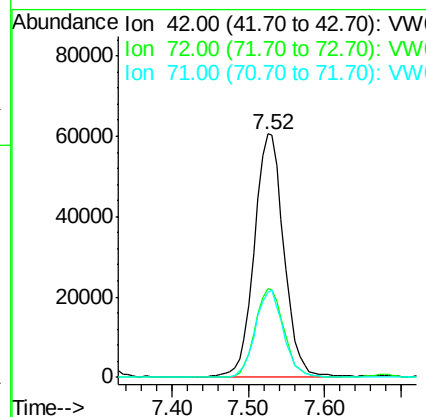
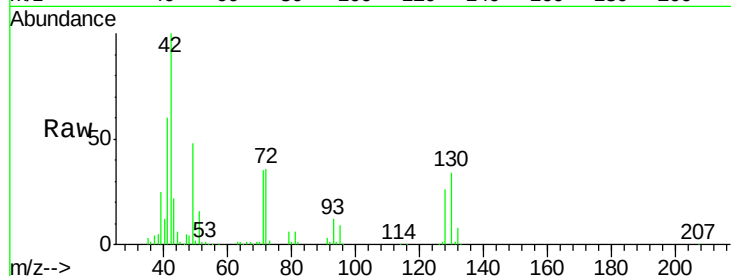
#29
Tetrahydrofuran
Concen: 262.497 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.5	28.4	42.6
71	33.9	27.1	40.7

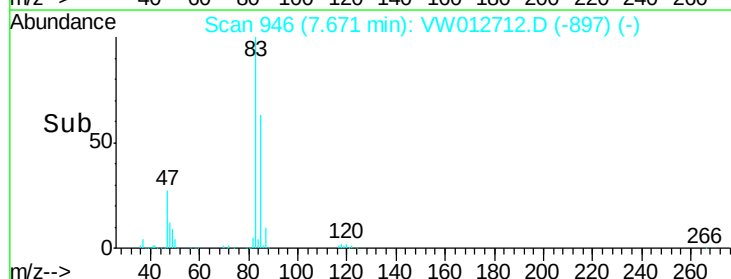
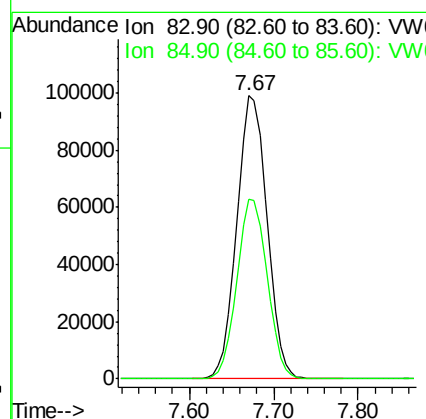
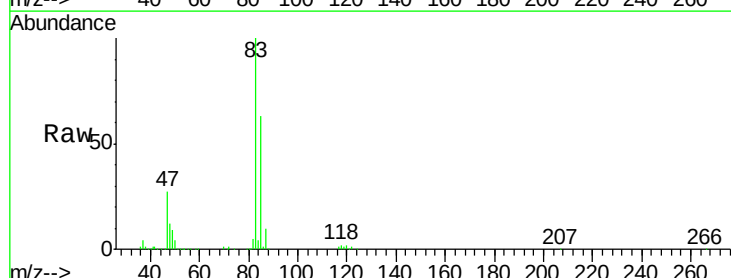
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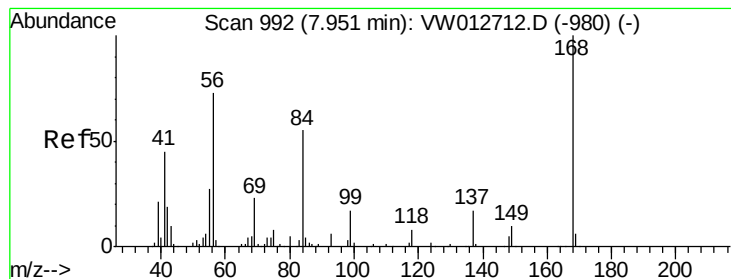
MMDadoda
9/10/2019 1:02:30 PM



#30
Chloroform
Concen: 52.570 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





#31

Cyclohexane

Concen: 48.872 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

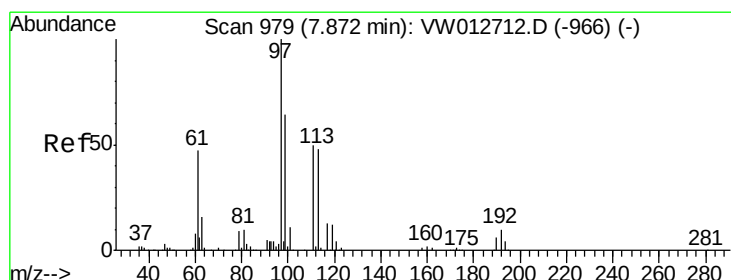
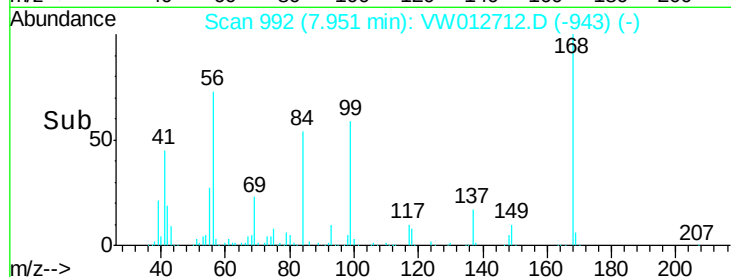
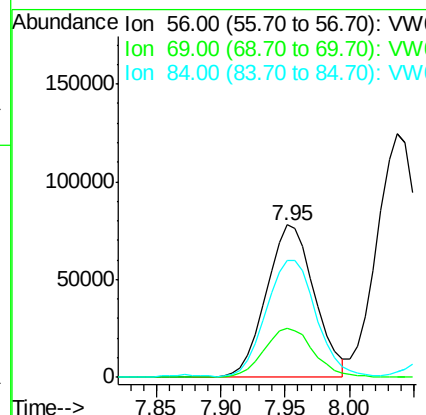
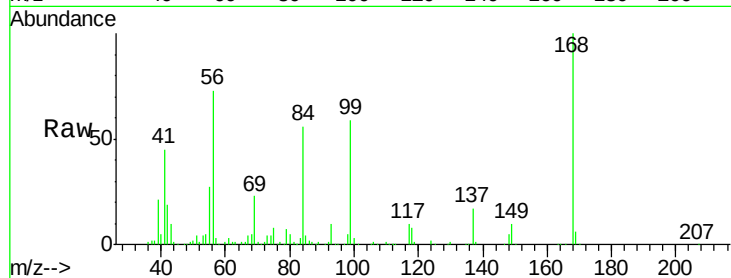
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	202651
Ion Ratio	Lower	Upper	
56	100		
69	32.1	25.7	38.5
84	75.5	60.4	90.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.470 ug/l

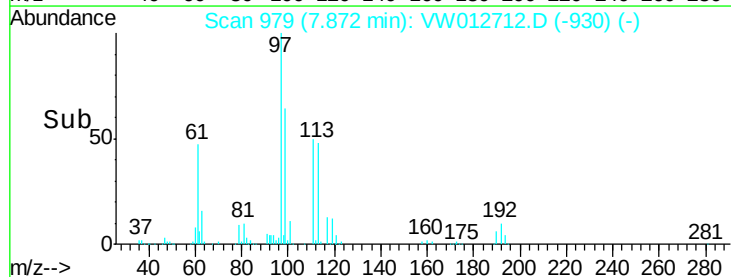
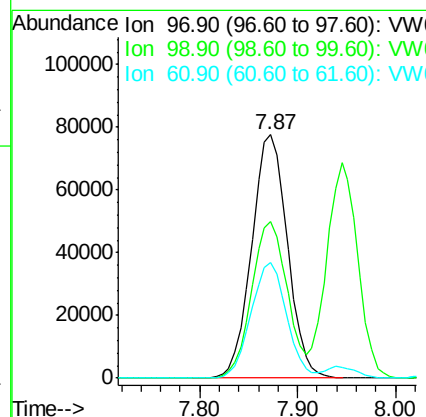
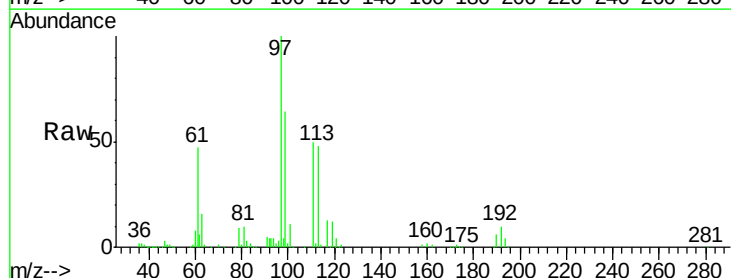
RT: 7.87 min Scan# 979

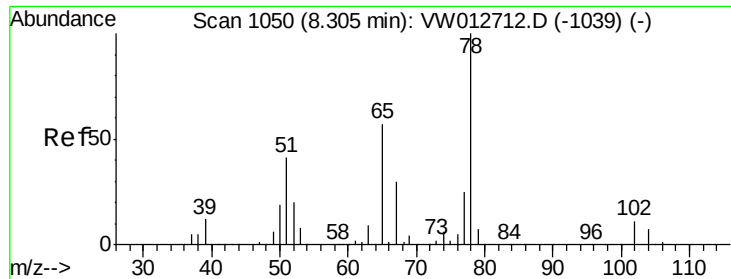
Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Tgt Ion:	97	Resp:	197851
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.5	77.3
61	47.4	37.9	56.9





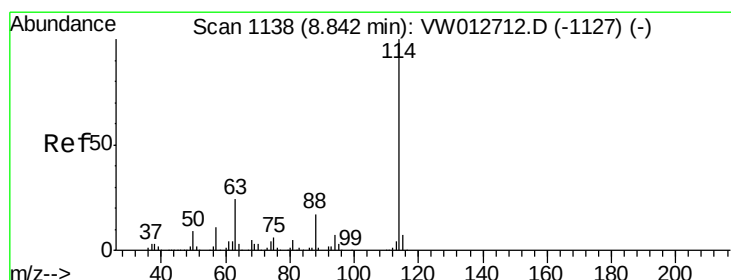
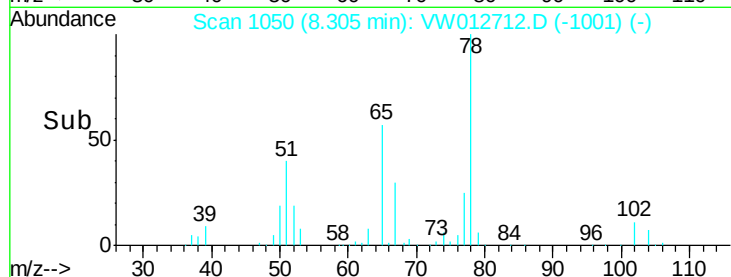
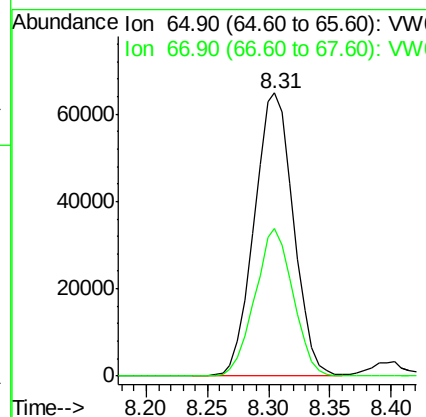
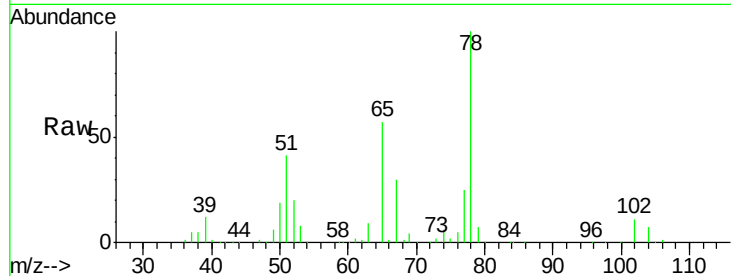
#33
 1,2-Dichloroethane-d4
 Concen: 51.279 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	144653		
67	50.9	0.0	101.8	

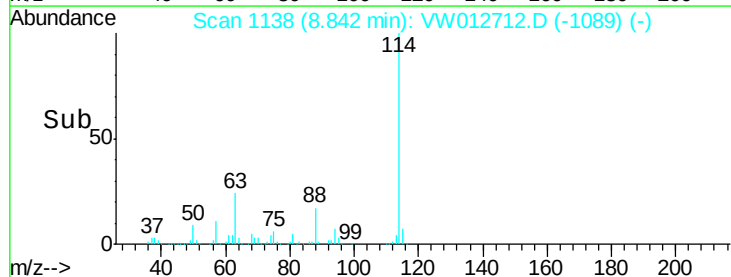
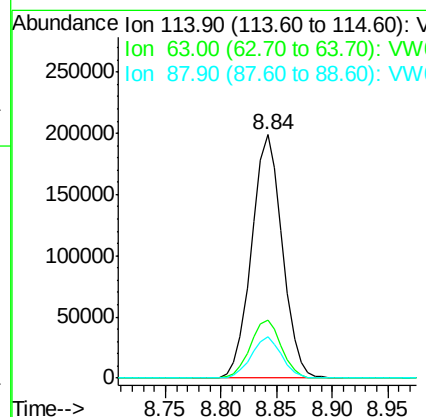
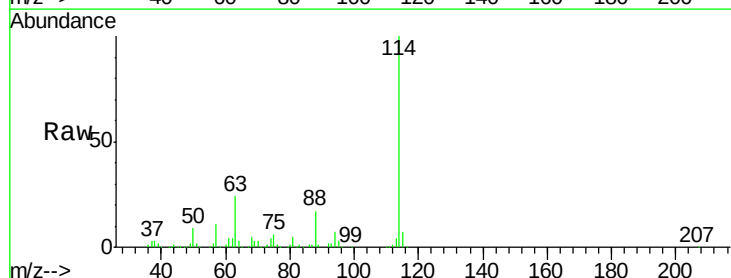
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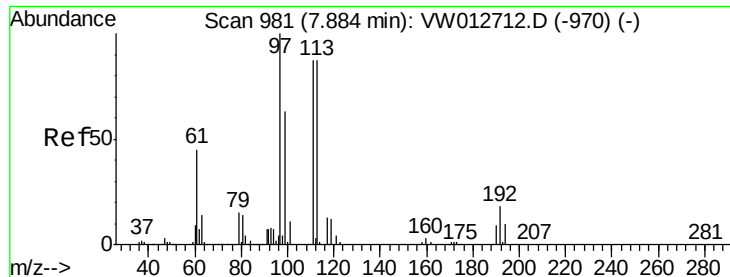
MMDadoda
 9/10/2019 1:02:30 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	381789		
63	23.6	0.0	47.2	
88	17.0	0.0	34.0	





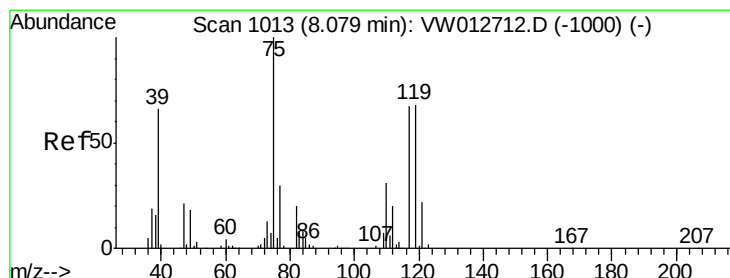
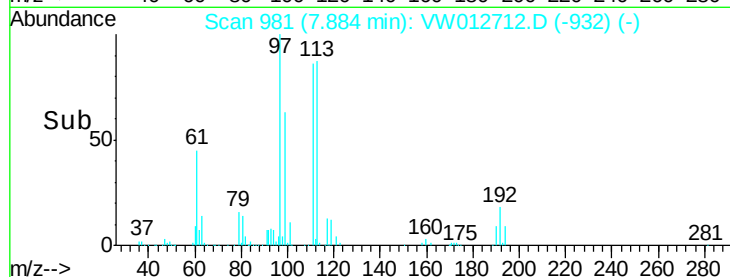
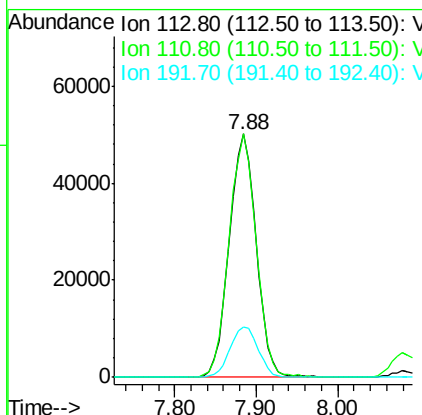
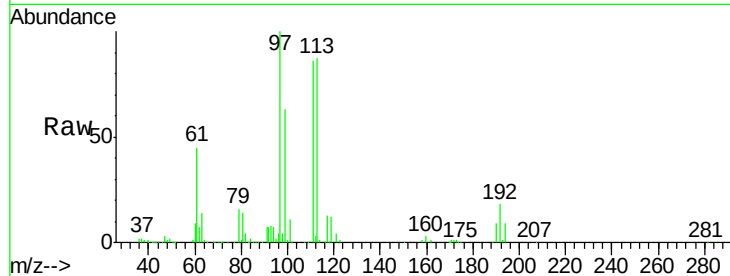
#35
 Dibromofluoromethane
 Concen: 50.432 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	80.2	120.4
192	21.6	17.3	25.9

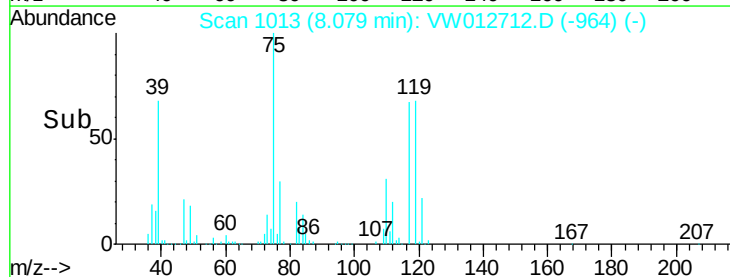
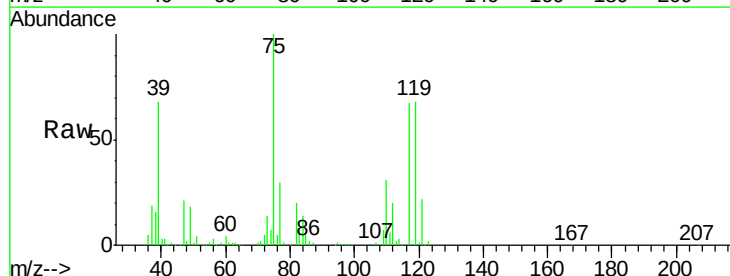
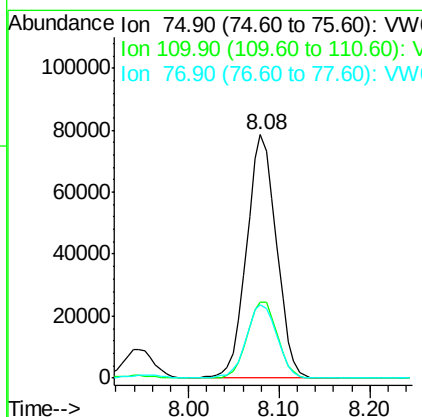
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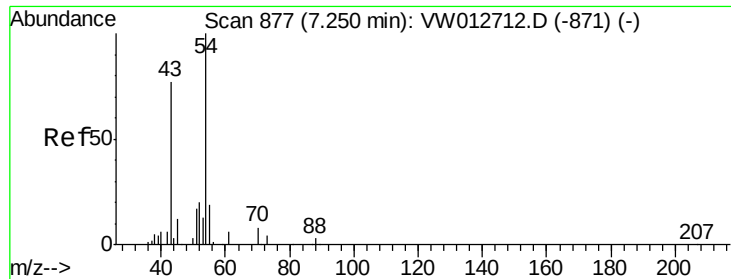
MMDadoda
 9/10/2019 1:02:30 PM



#36
 1,1-Dichloropropene
 Concen: 52.760 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.8	15.9	47.7
77	31.2	25.0	37.4





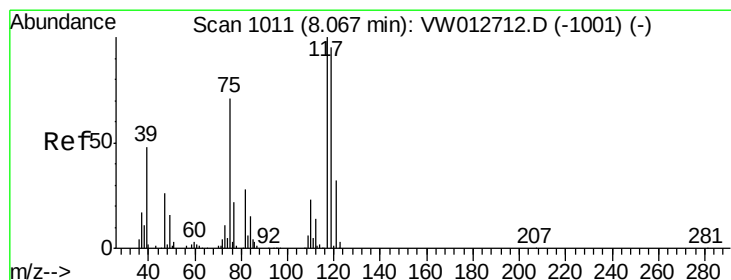
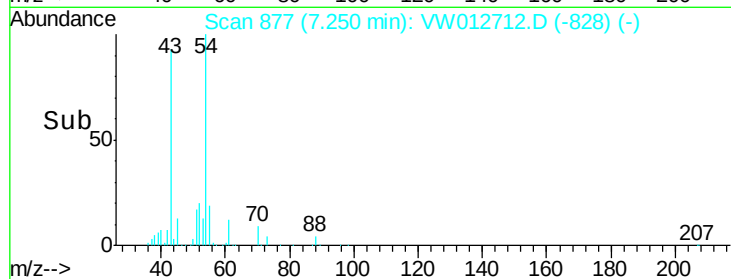
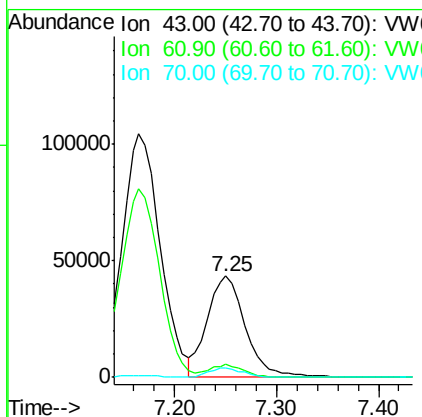
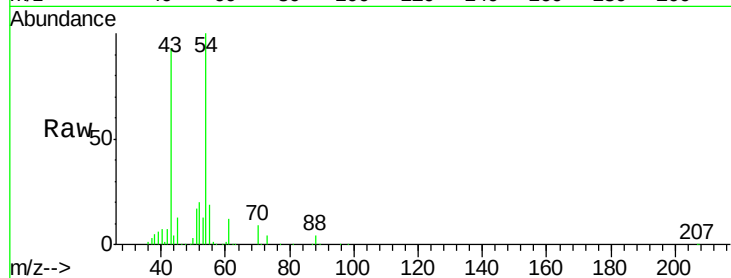
#37
Ethyl Acetate
Concen: 51.851 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	112128		
61	11.9		9.5	14.3
70	8.8		7.0	10.6

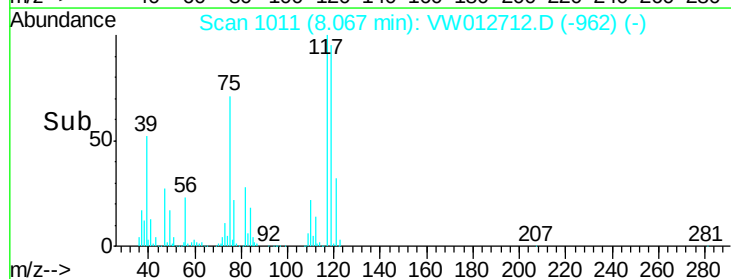
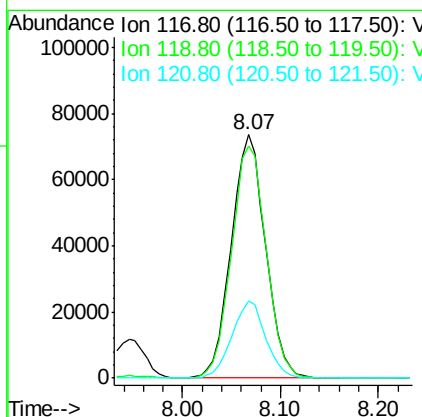
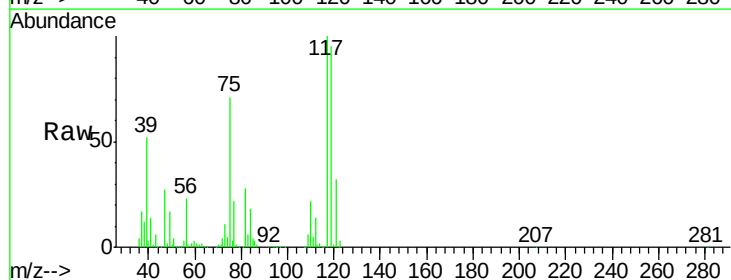
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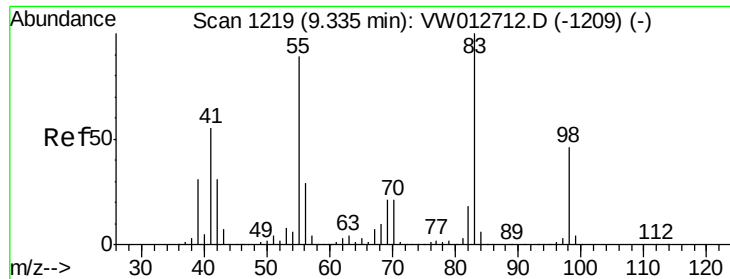
MMDadoda
9/10/2019 1:02:30 PM



#38
Carbon Tetrachloride
Concen: 53.501 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	178905		
119	95.2		76.2	114.2
121	31.8		25.4	38.2





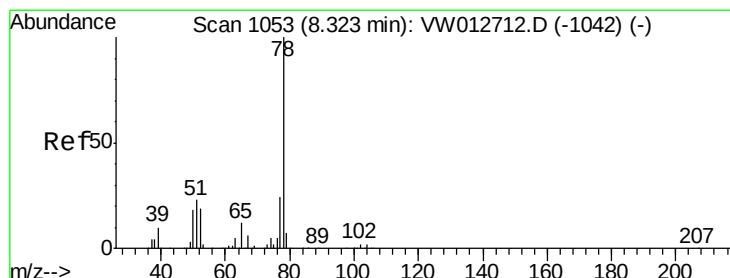
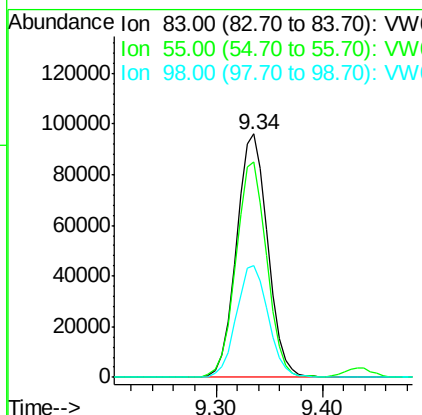
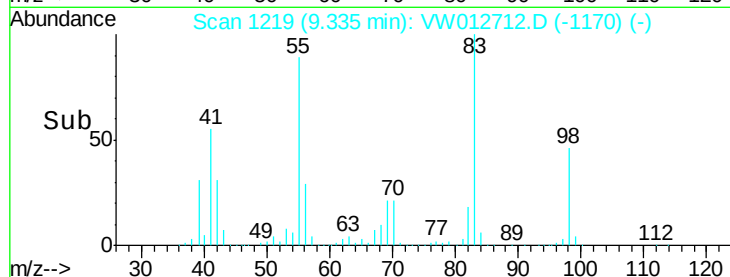
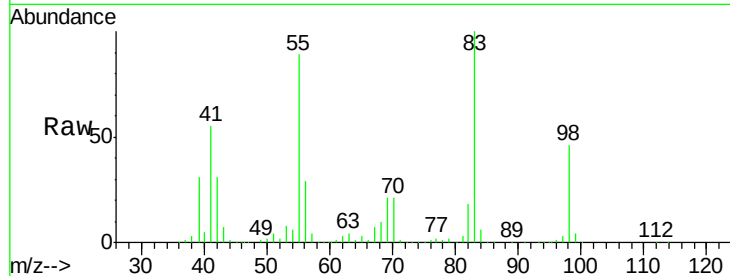
#39
Methylvlcyclohexane
Concen: 51.986 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83.00	Resp	198067
Ion	Ratio	Lower	Upper
83	100		
55	88.7	71.0	106.4
98	46.1	36.9	55.3

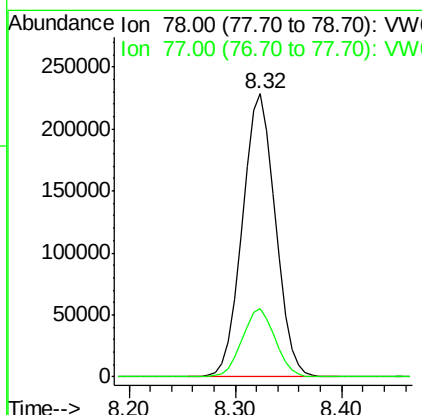
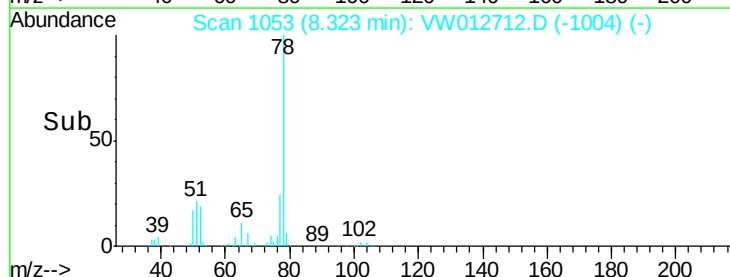
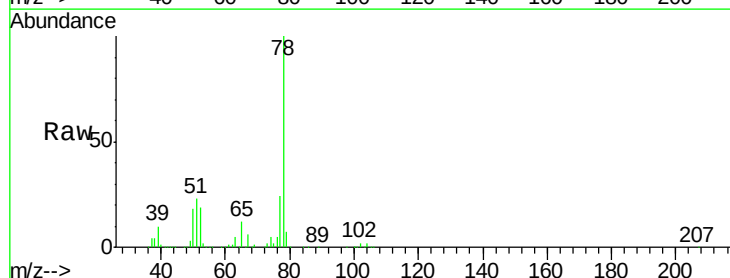
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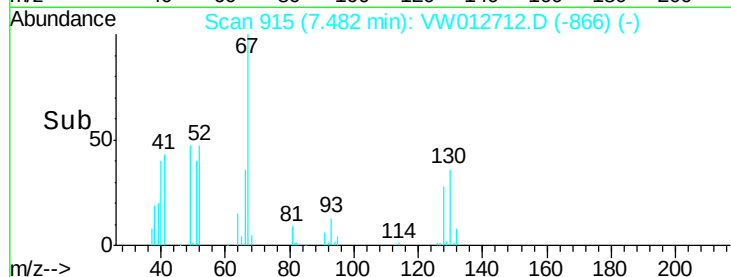
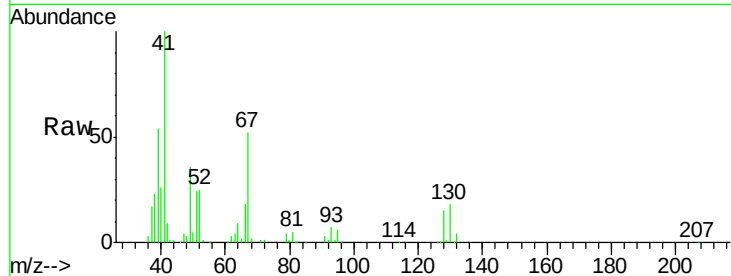
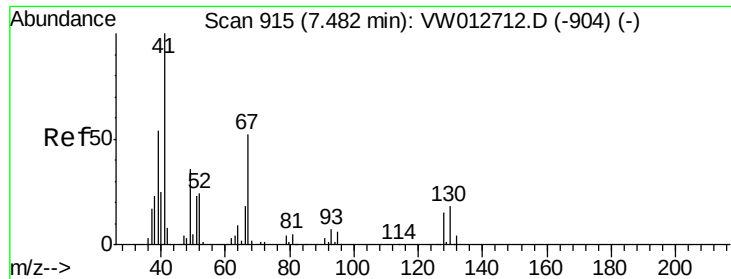
MMDadoda
9/10/2019 1:02:30 PM



#40
Benzene
Concen: 52.947 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	78.00	Resp	498337
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





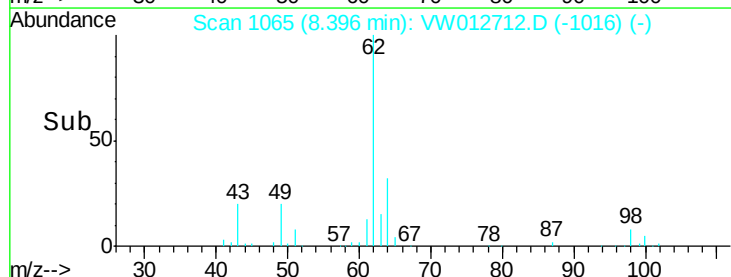
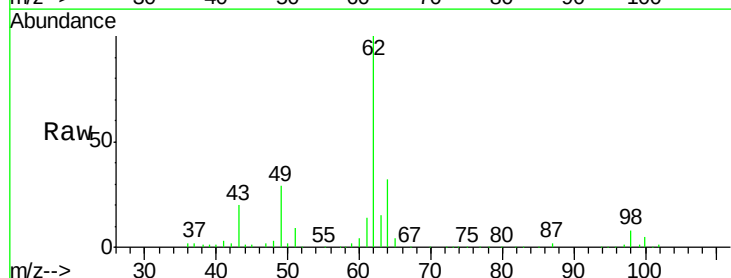
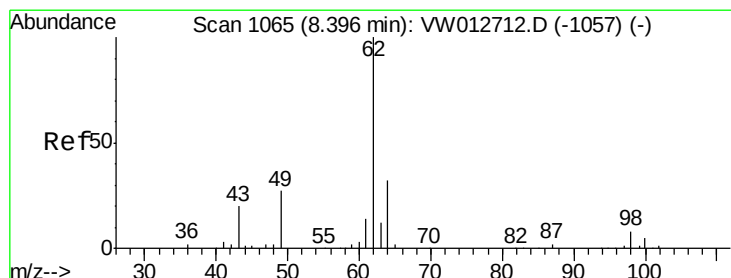
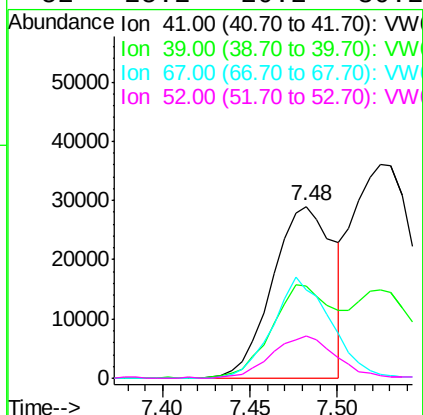
#41
Methacrylonitrile
Concen: 54.246 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tot Ion	41	Resp	70729
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.5	71.3
67	56.4	45.1	67.7
52	25.2	20.2	30.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

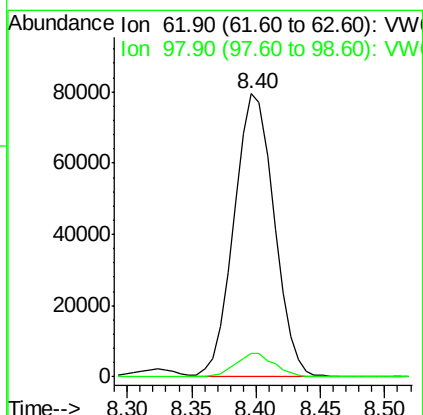
Manual Integrations
APPROVED

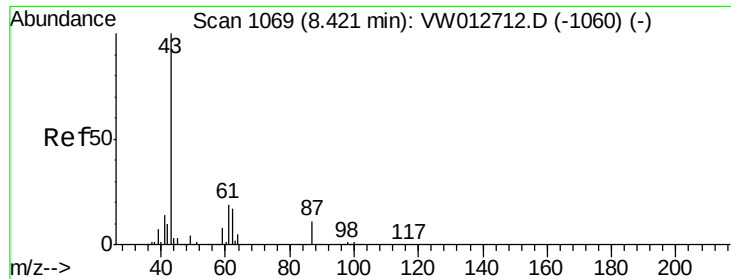
MMDadoda
9/10/2019 1:02:30 PM



#42
1,2-Dichloroethane
Concen: 51.867 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	62	Resp	171804
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2





#43

Isopropyl Acetate

Concen: 52.774 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

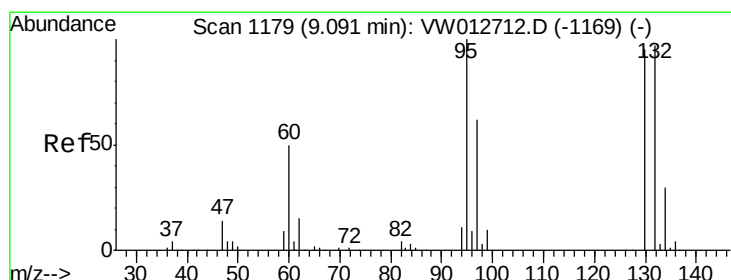
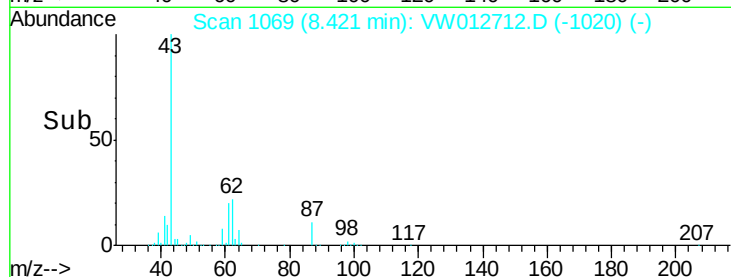
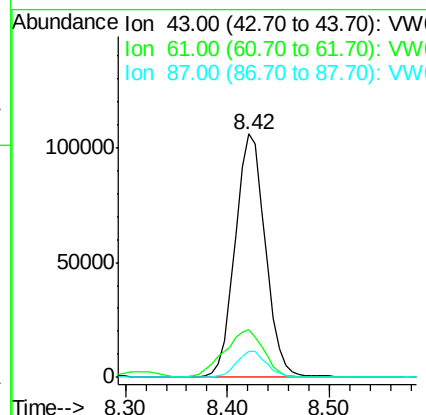
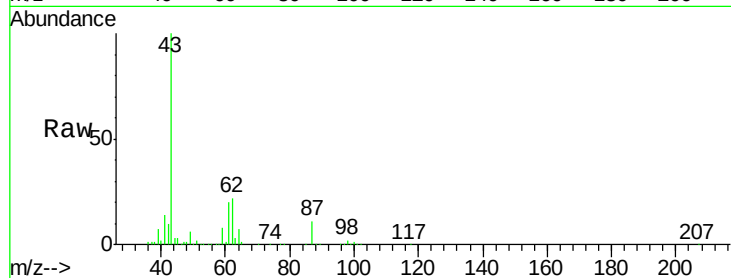
ClientSampled :

VSTDICCC050

Tot Ion:	43	Resp:	216213
Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.6	30.8
87	10.8	8.6	13.0

Manual Integrations
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#44

Trichloroethene

Concen: 51.802 ug/l

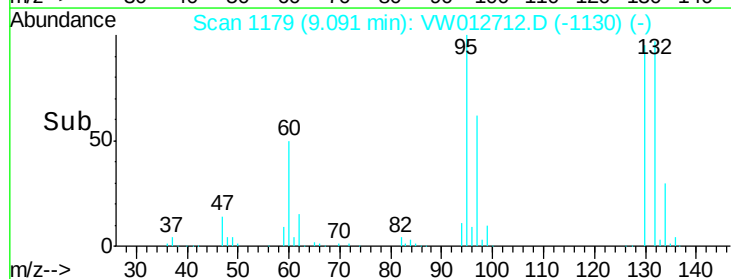
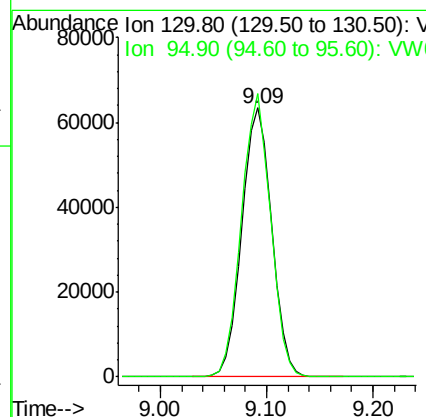
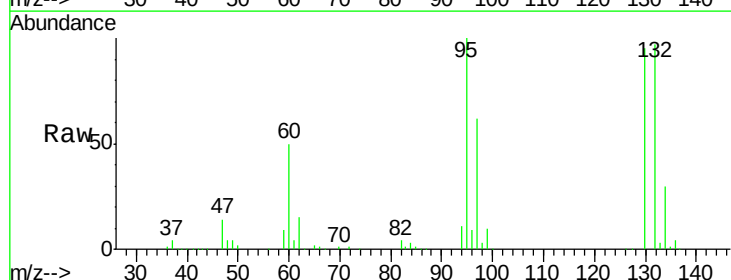
RT: 9.09 min Scan# 1179

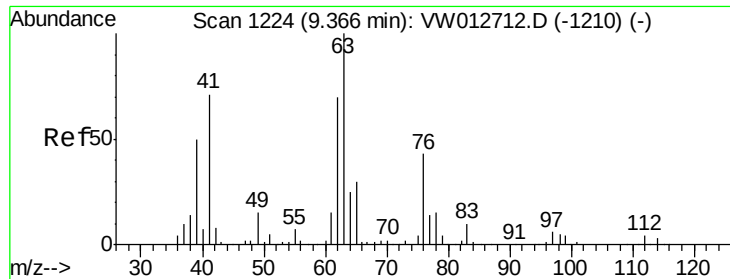
Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Tgt Ion:	130	Resp:	125678
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	210.6





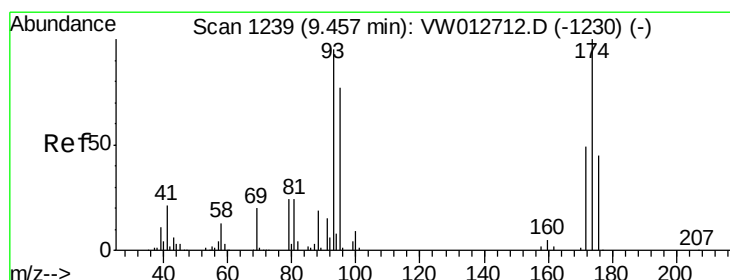
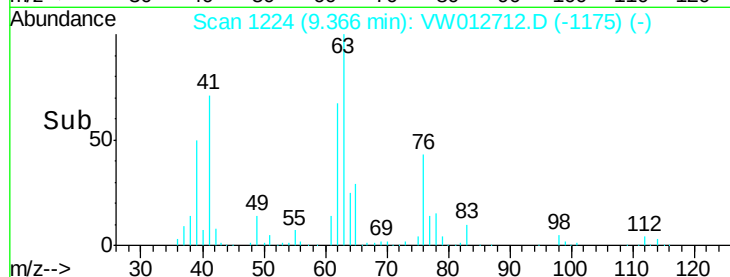
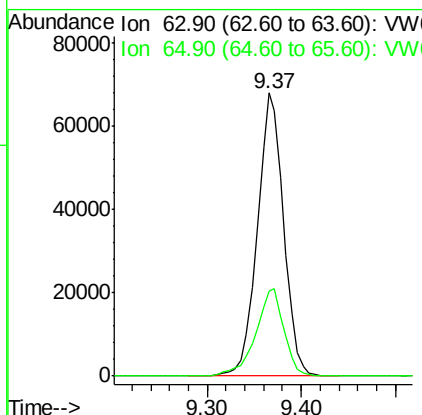
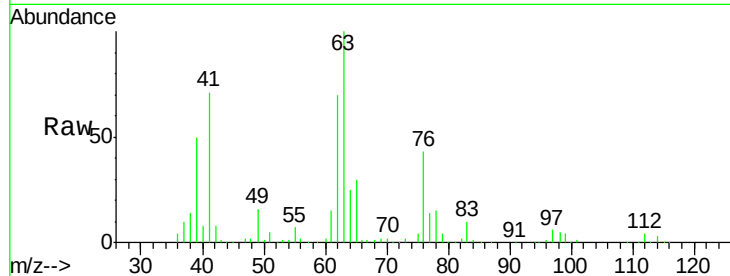
#45
 1,2-Dichloropropane
 Concen: 50.839 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.8	35.8

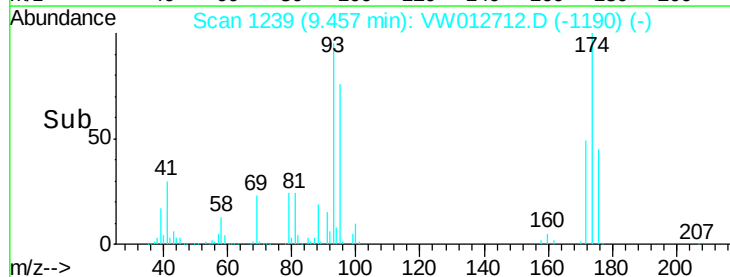
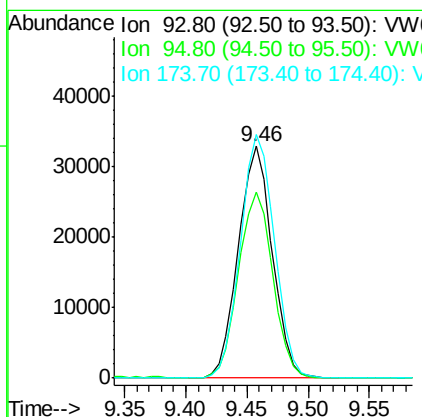
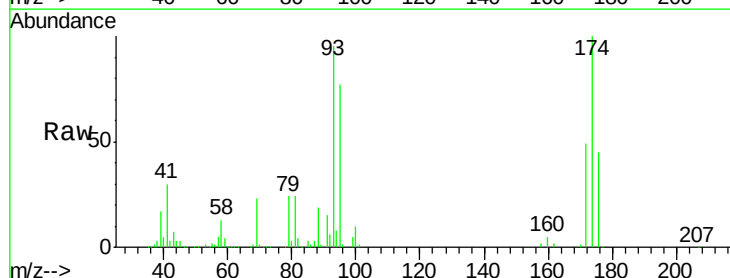
Manual Integrations
 APPROVED

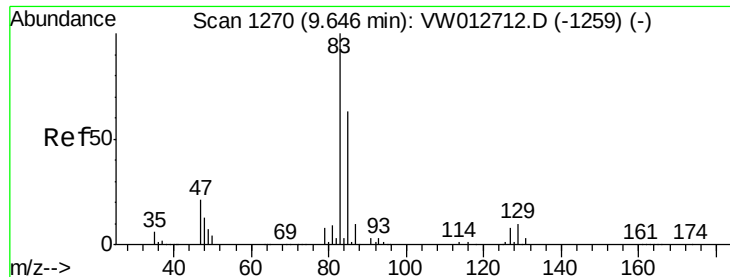
MMDadoda
 9/10/2019 1:02:30 PM



#46
 Dibromomethane
 Concen: 51.261 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.2	97.8
174	105.3	84.2	126.4





#47

Bromodichloromethane

Concen: 53.392 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

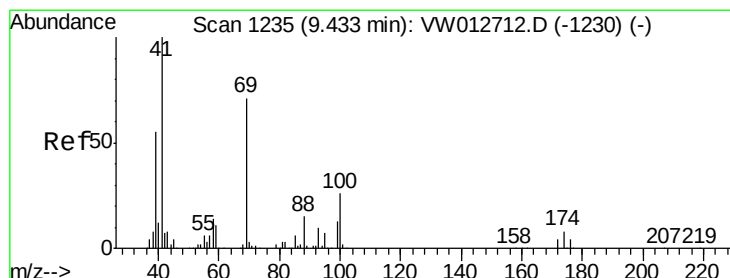
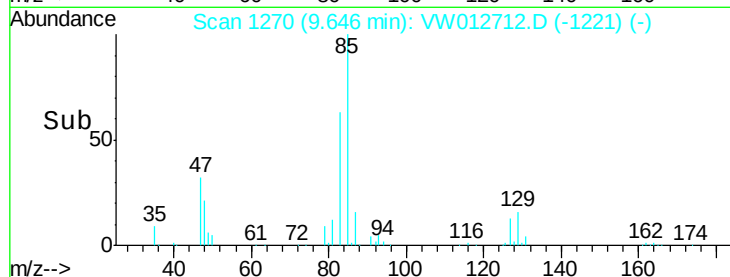
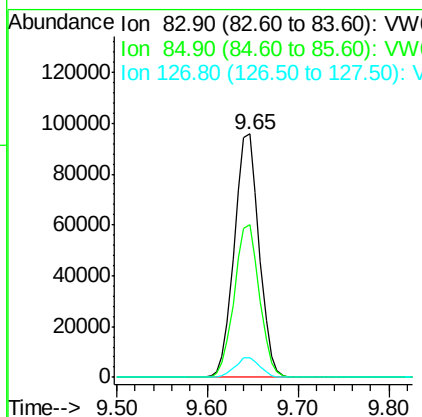
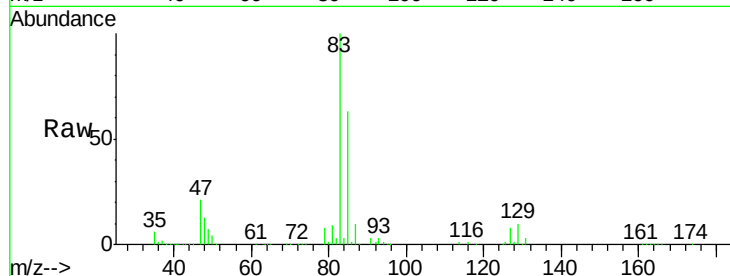
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	181582
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.2	75.2
127	8.2	6.6	9.8

Manual Integrations
APPROVED

MMDadoda
9/10/2019 1:02:30 PM



#48

Methyl methacrylate

Concen: 51.000 ug/l

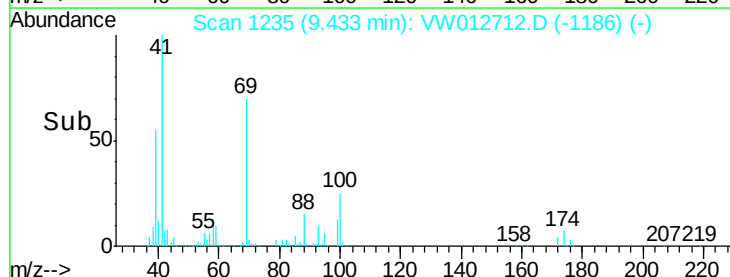
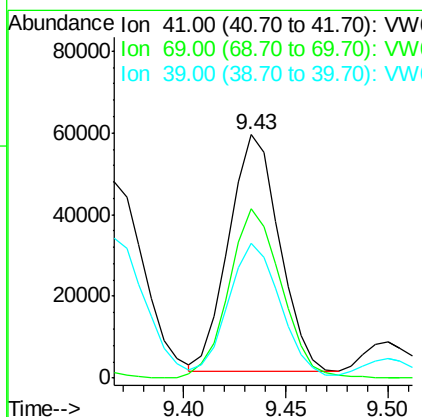
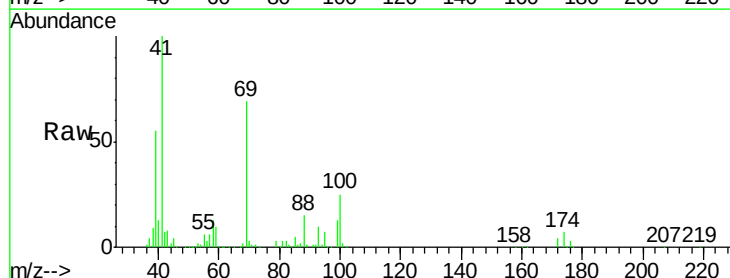
RT: 9.43 min Scan# 1235

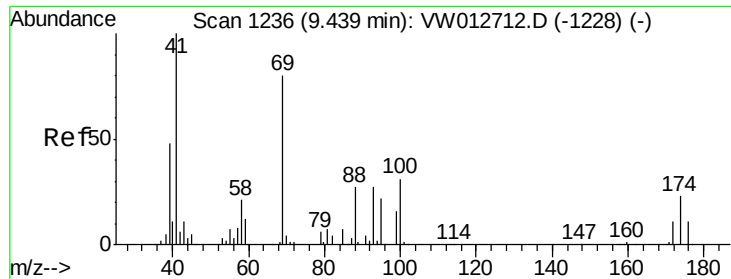
Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Tgt Ion:	41	Resp:	99854
Ion	Ratio	Lower	Upper
41	100		
69	74.8	59.8	89.8
39	58.8	47.0	70.6





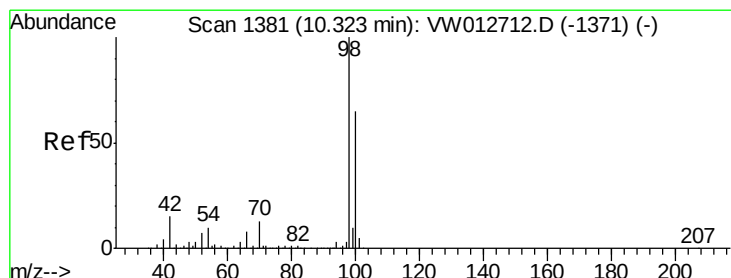
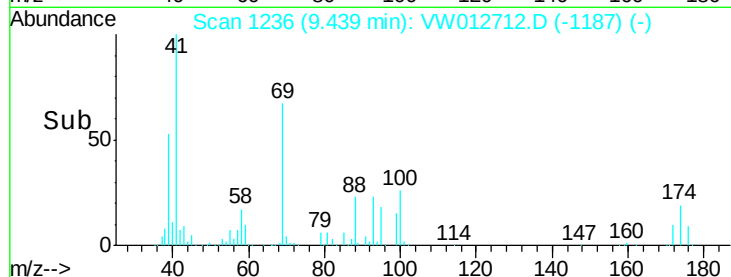
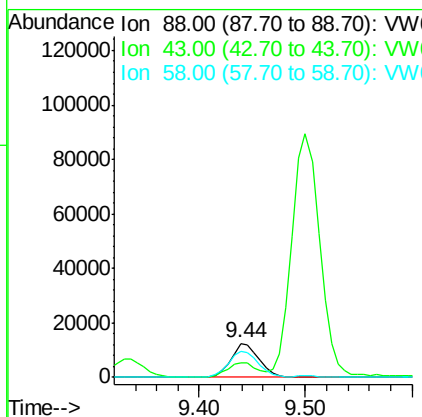
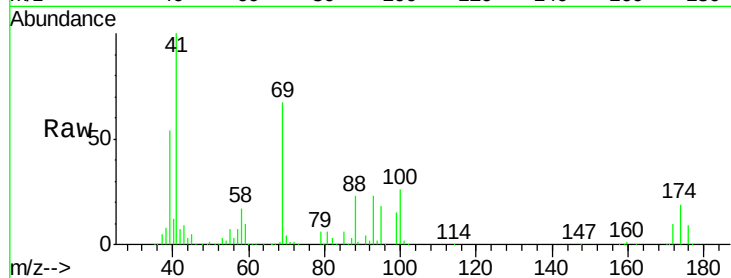
#49
1,4-Dioxane
Concen: 962.388 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	43.5		34.8	52.2
58	80.1		64.1	96.1

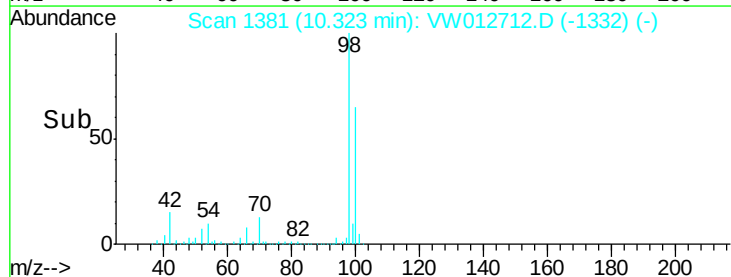
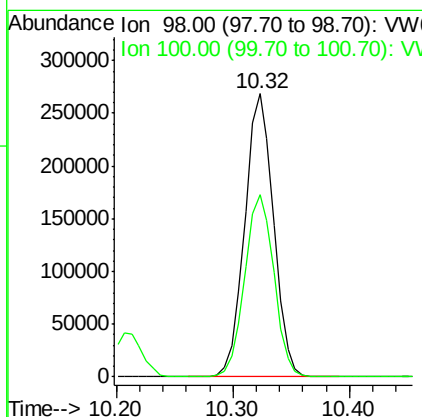
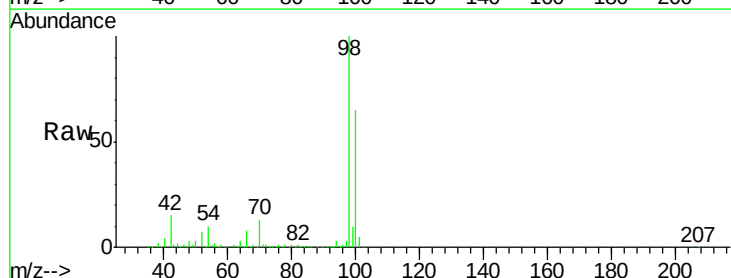
Manual Integrations
APPROVED

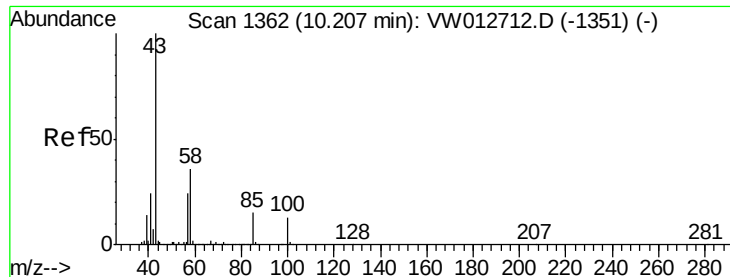
MMDadoda
9/10/2019 1:02:30 PM



#50
Toluene-d8
Concen: 52.147 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.3		52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 265.128 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 569974

Ion Ratio Lower Upper

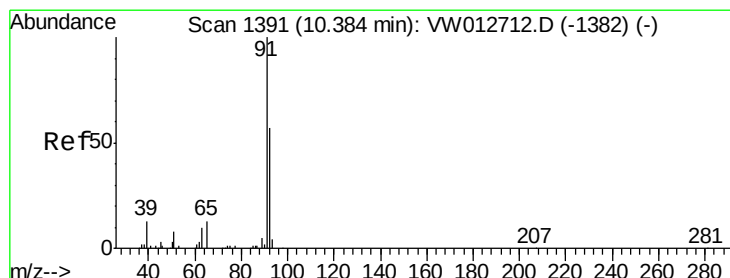
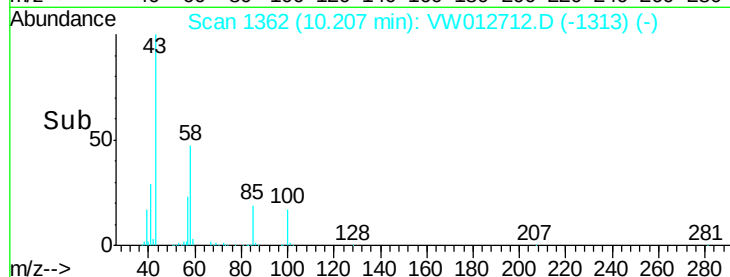
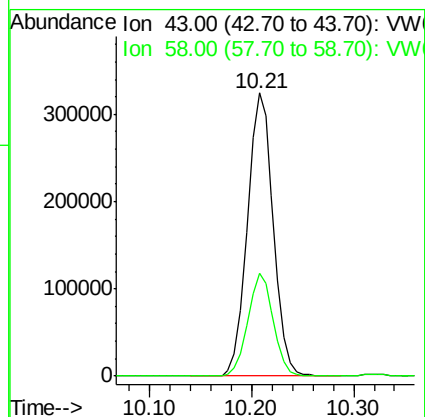
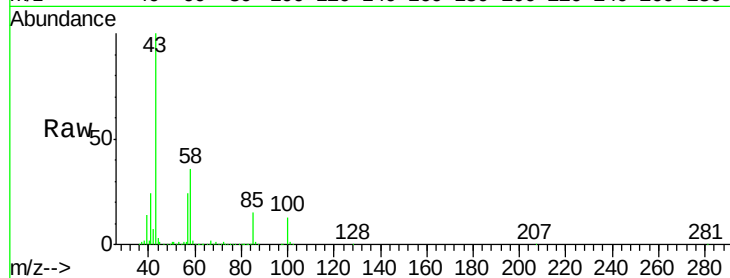
43 100

58 35.5 28.4 42.6

Manual Integrations
APPROVED

MMDadoda

9/10/2019 1:02:30 PM



#52

Toluene

Concen: 52.759 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW012712.D

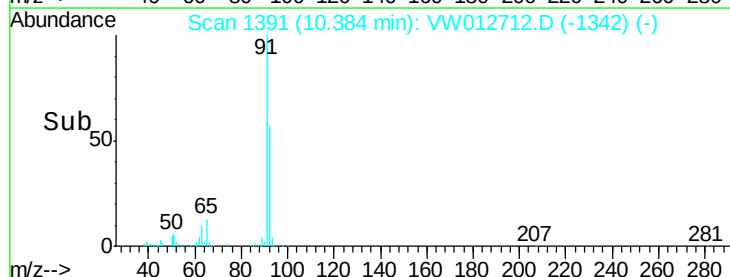
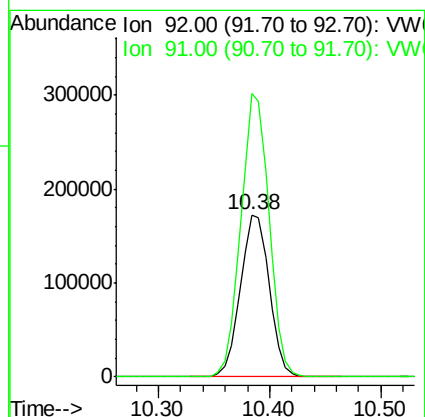
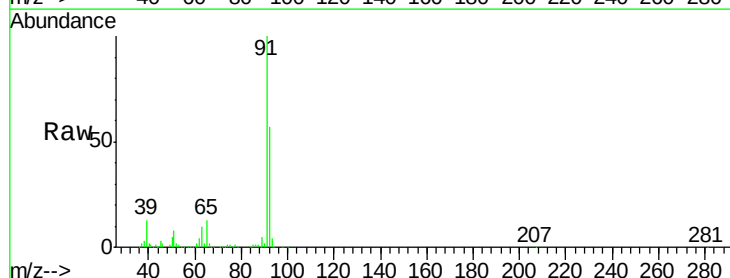
Acq: 07 Sep 2019 11:03

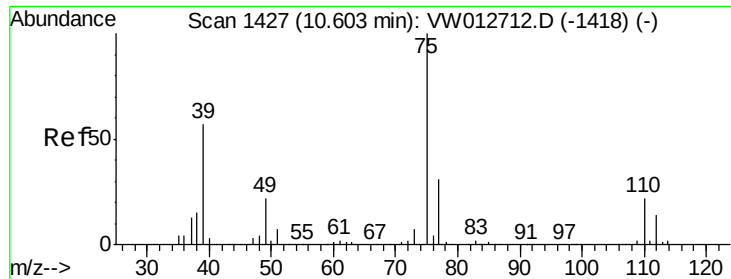
Tgt Ion: 92 Resp: 309929

Ion Ratio Lower Upper

92 100

91 171.2 137.0 205.4





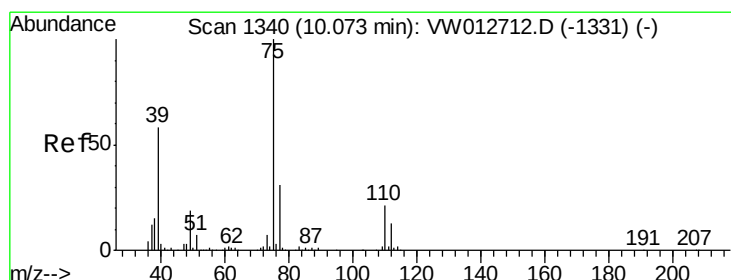
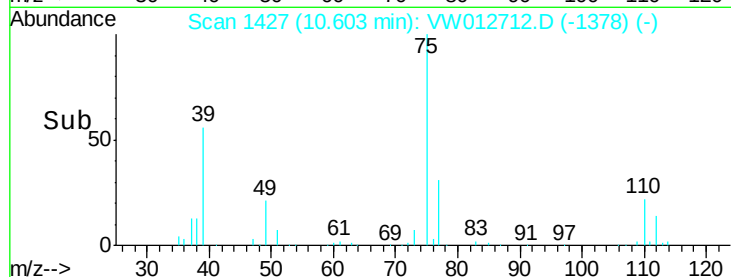
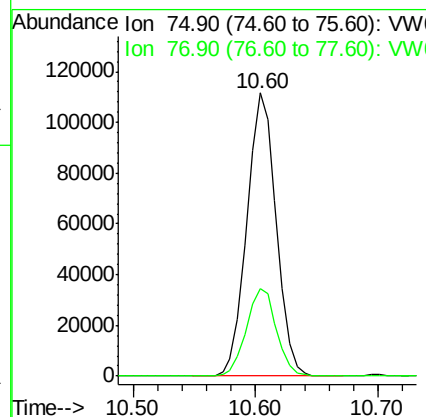
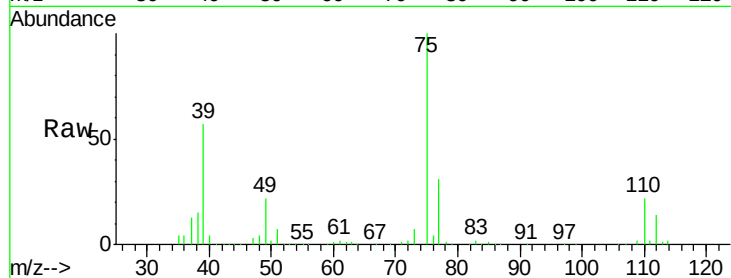
#53
t-1,3-Dichloropropene
Concen: 53.176 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1

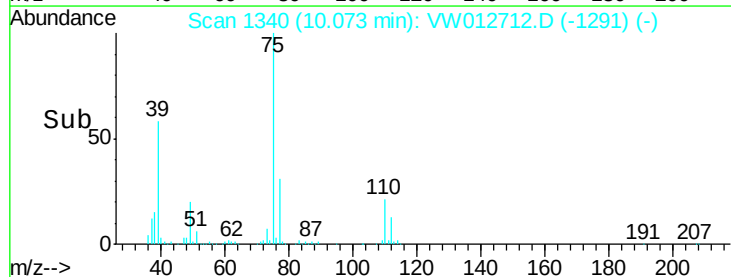
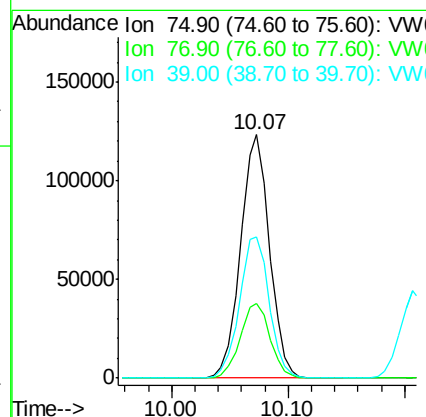
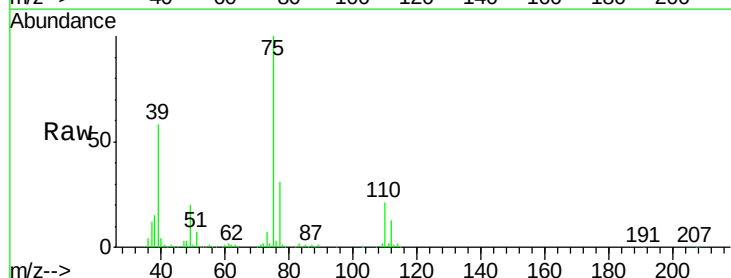
Manual Integrations
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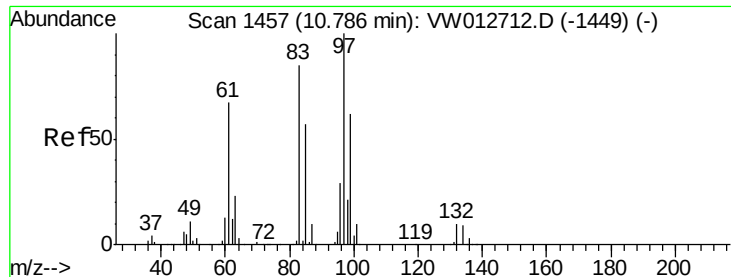
MMDadoda
9/10/2019 1:02:30 PM



#54
cis-1,3-Dichloropropene
Concen: 53.821 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	57.9	46.3	69.5





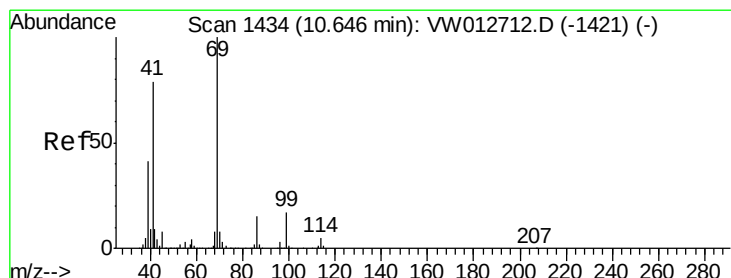
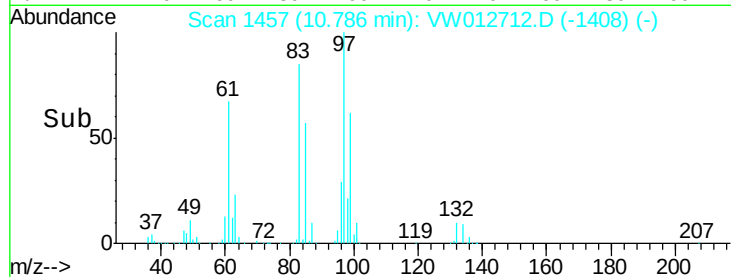
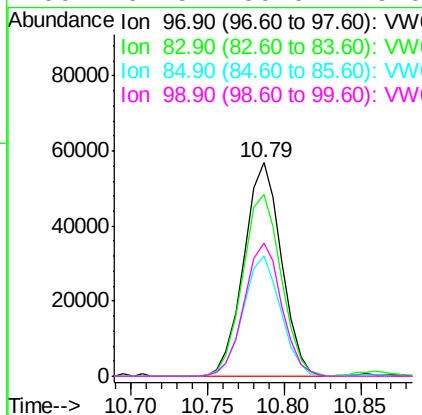
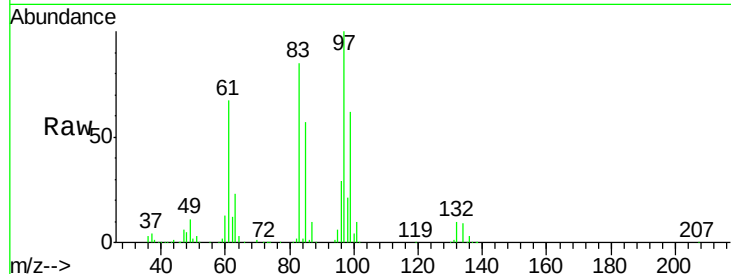
#55
 1,1,2-Trichloroethane
 Concen: 52.509 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	97175
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	56.6	45.3	67.9
99	62.5	50.0	75.0

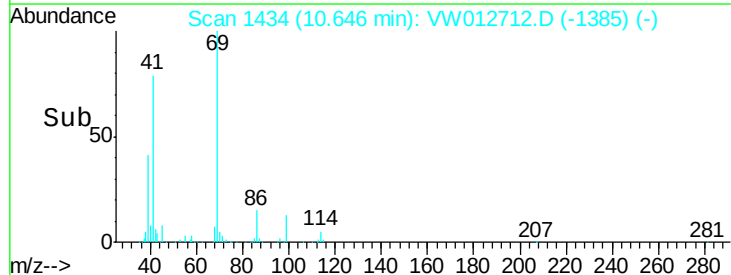
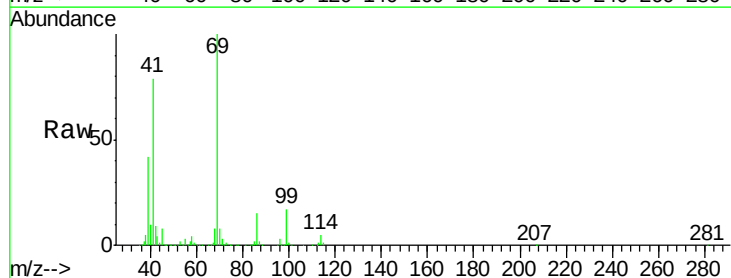
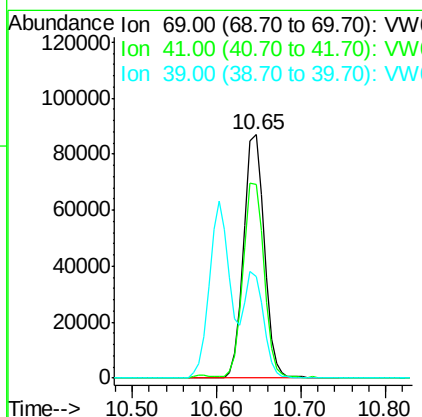
Manual Integrations
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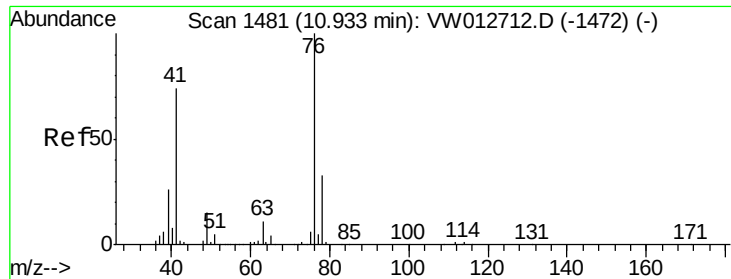
MMDadoda
 9/10/2019 1:02:30 PM



#56
 Ethyl methacrylate
 Concen: 52.586 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion:	69	Resp:	142456
Ion	Ratio	Lower	Upper
69	100		
41	80.5	64.4	96.6
39	38.9	31.1	46.7





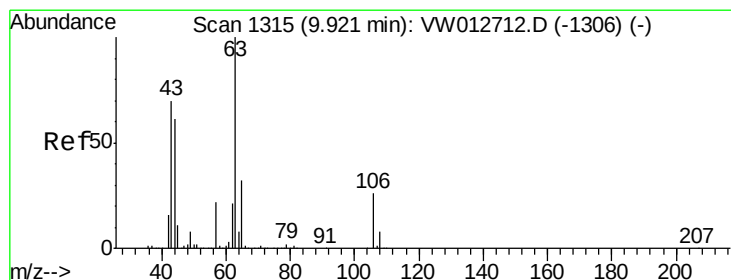
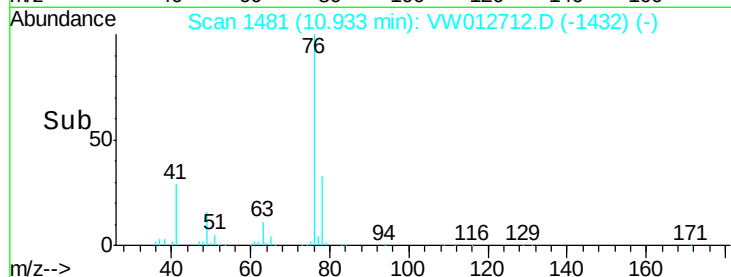
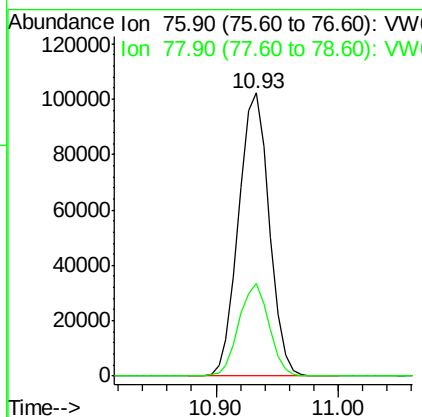
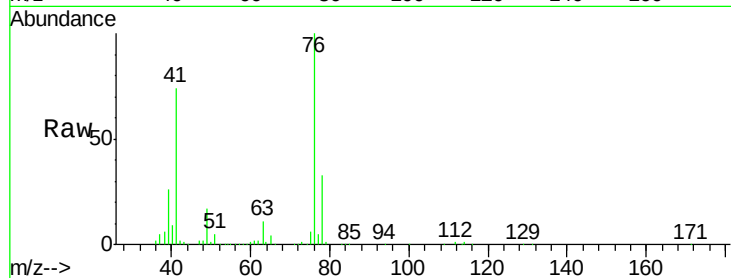
#57
 1,3-Dichloropropane
 Concen: 51.909 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

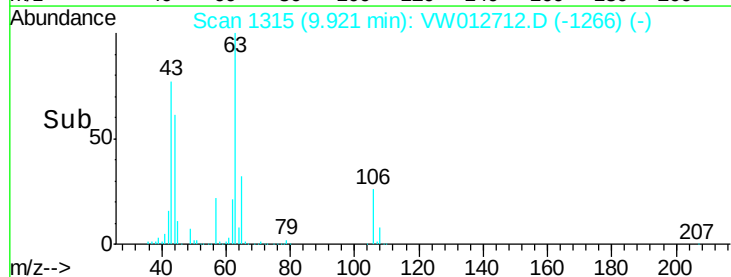
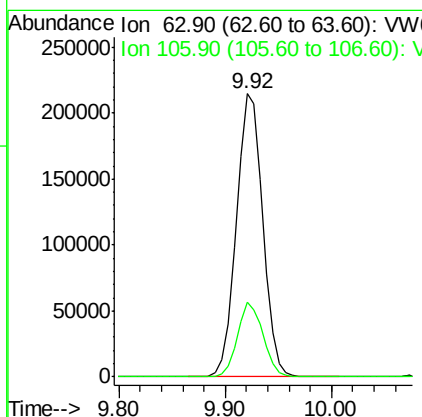
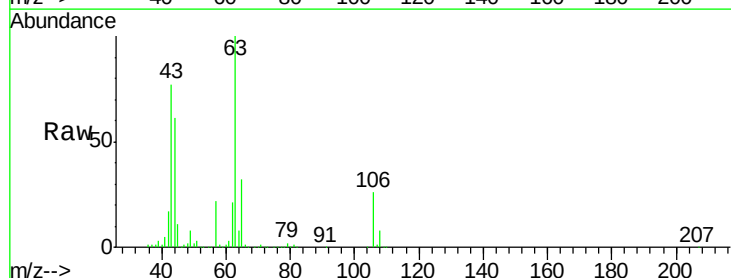
Manual Integrations
 APPROVED

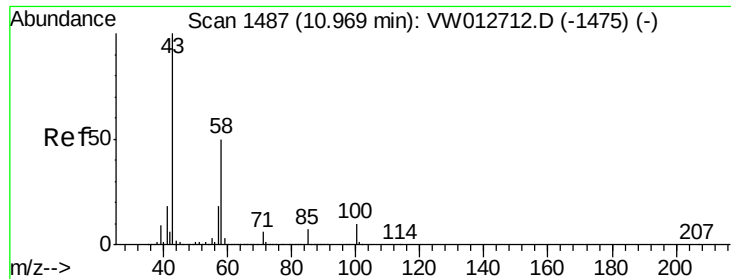
MMDadoda
 9/10/2019 1:02:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.941 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.6	20.5	30.7





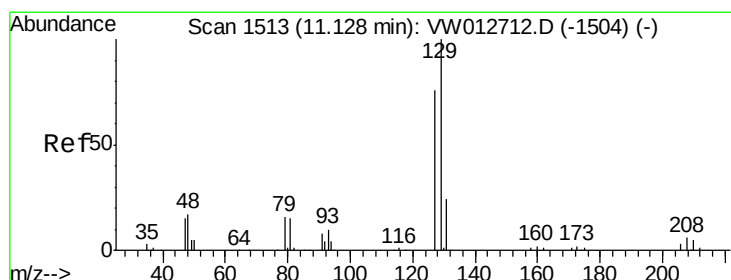
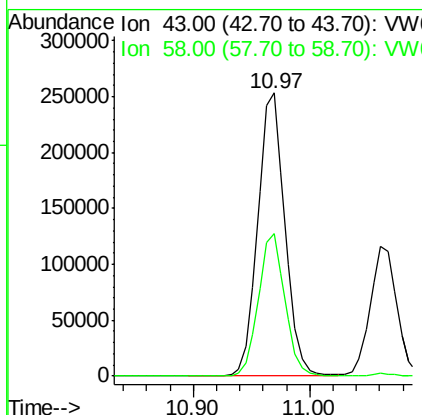
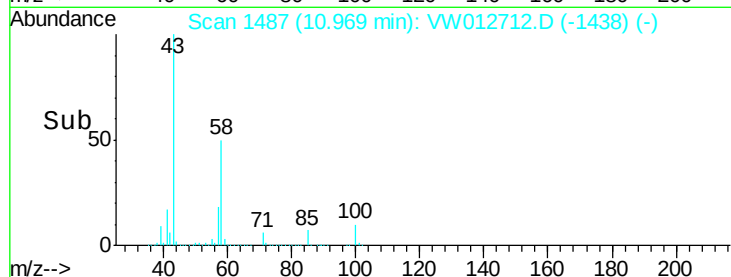
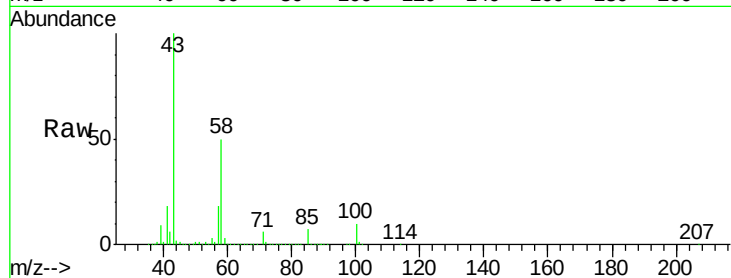
#59
2-Hexanone
Concen: 262.438 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 412189
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1

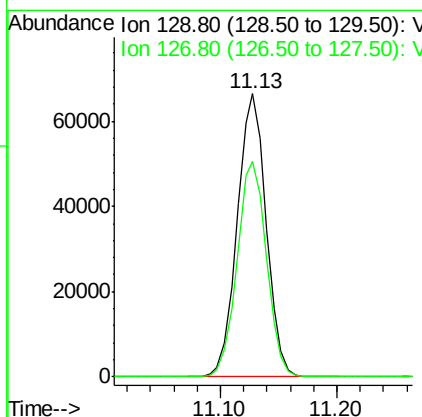
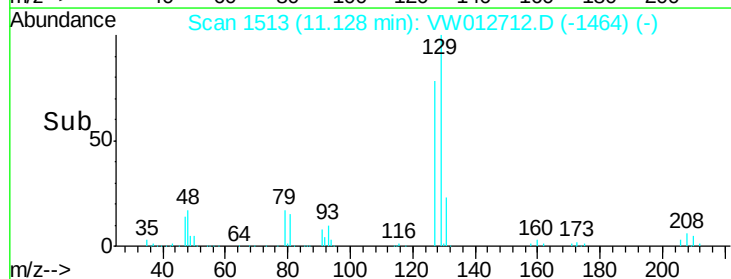
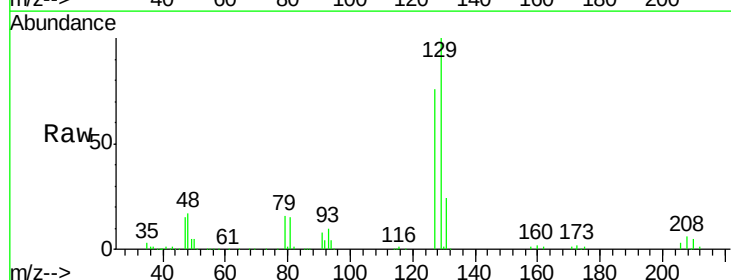
Manual Integrations
APPROVED

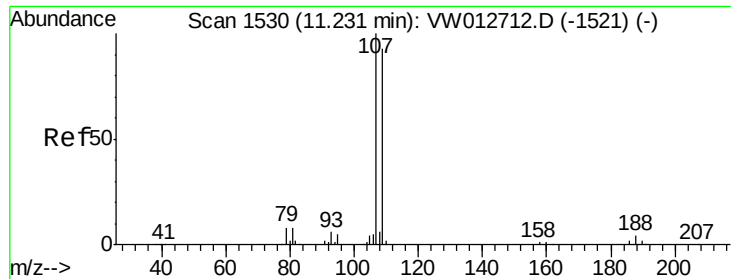
MMDadoda
9/10/2019 1:02:30 PM



#60
Dibromochloromethane
Concen: 52.776 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion: 129 Resp: 114868
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





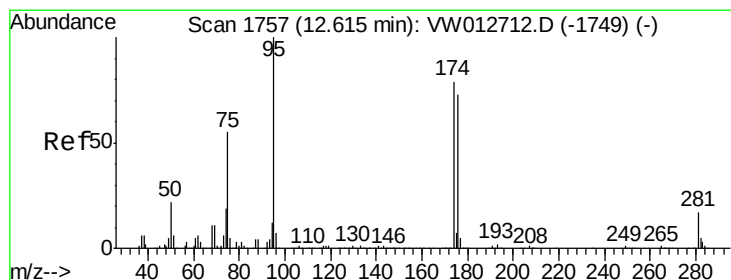
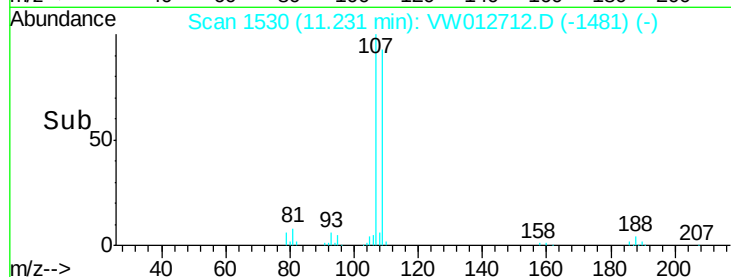
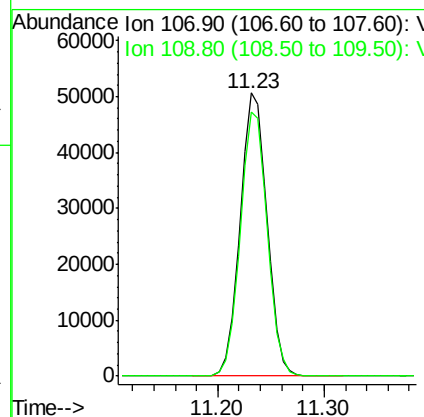
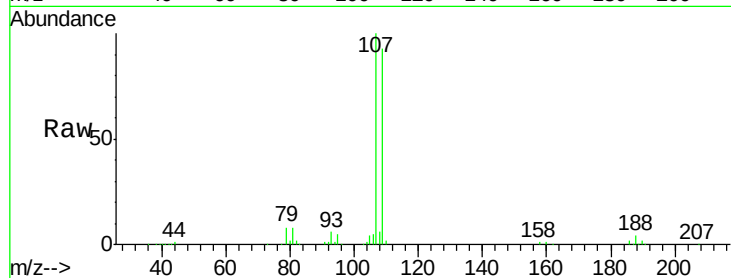
#61
 1,2-Dibromoethane
 Concen: 52.933 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	89811		
109	93.8	75.0	112.6	

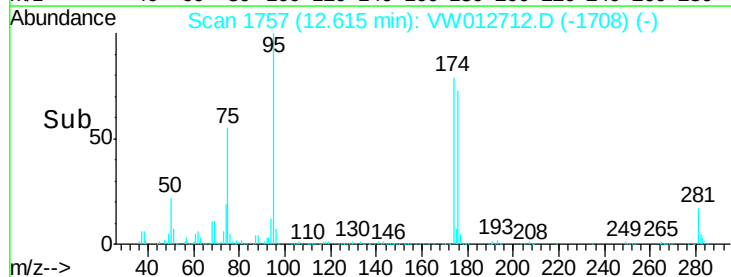
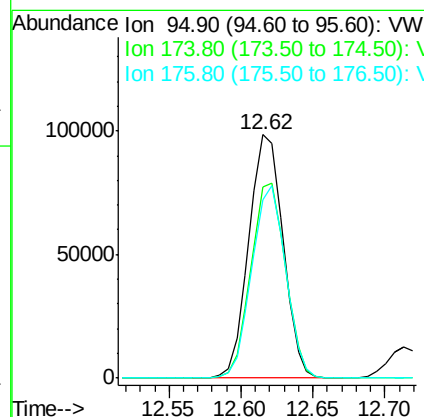
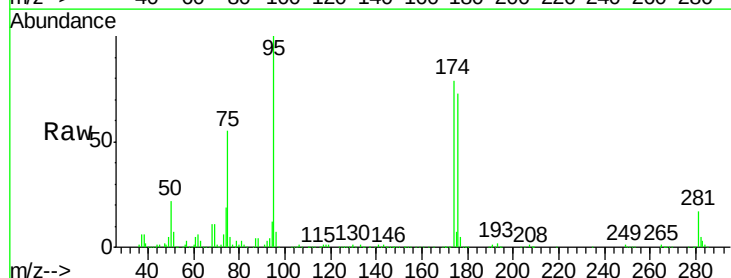
Manual Integrations
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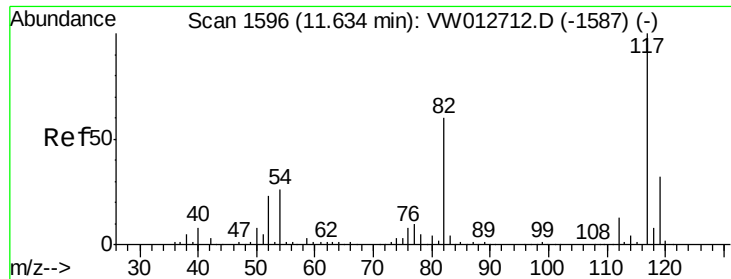
MMDadoda
 9/10/2019 1:02:30 PM



#62
 4-Bromofluorobenzene
 Concen: 50.189 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	162027		
174	80.5	0.0	161.0	
176	78.2	0.0	156.4	





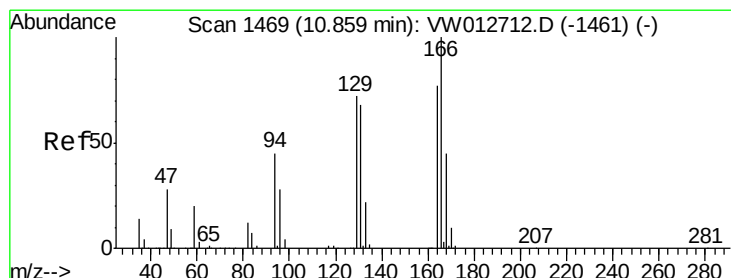
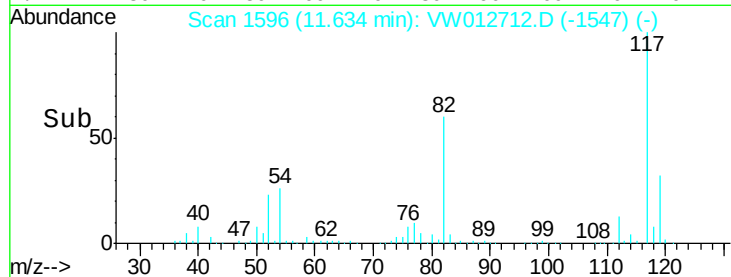
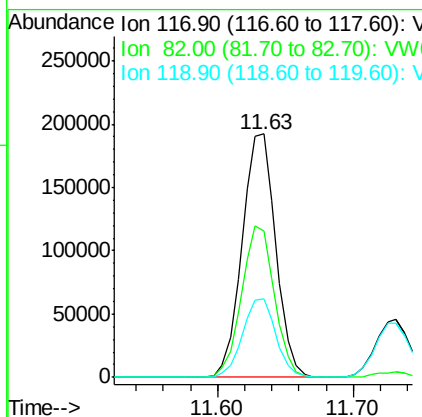
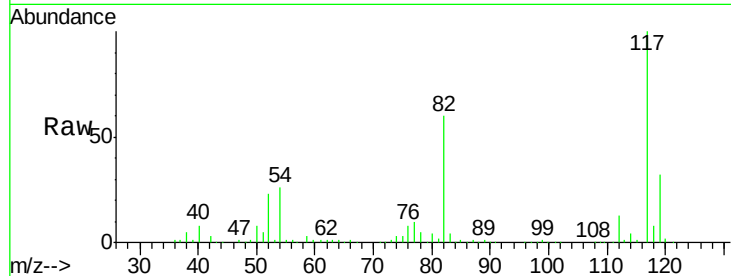
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.2	72.4
119	32.2	25.8	38.6

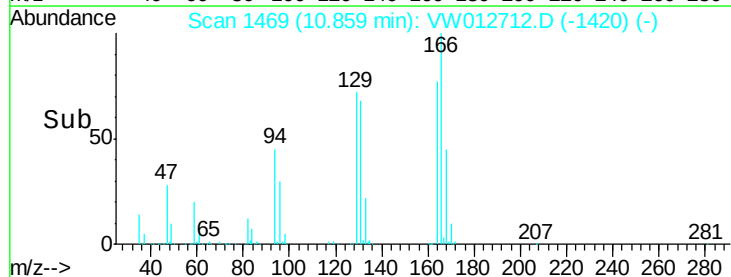
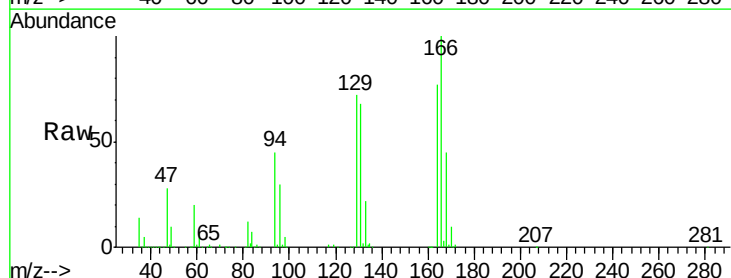
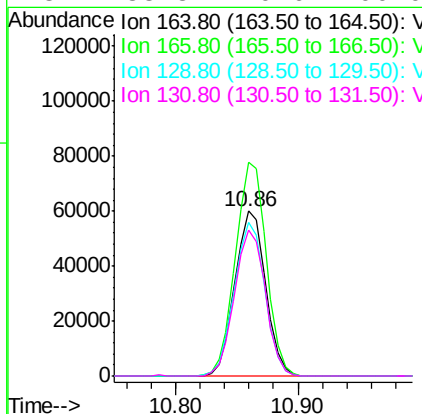
Manual Integrations
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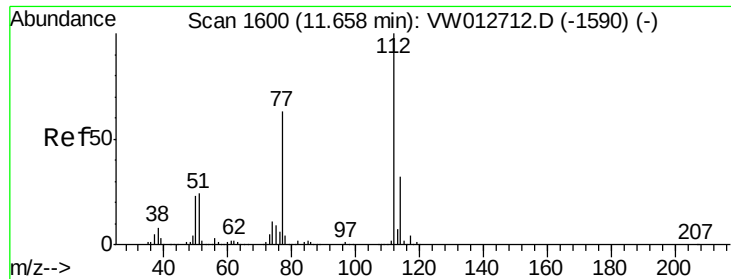
MMDadoda
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#64
Tetrachloroethene
Concen: 51.642 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.6	155.4
129	93.3	74.6	112.0
131	88.3	70.6	106.0





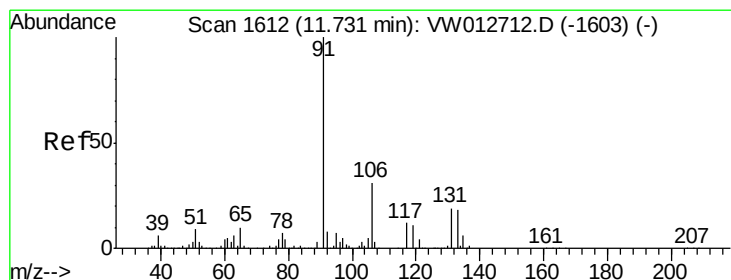
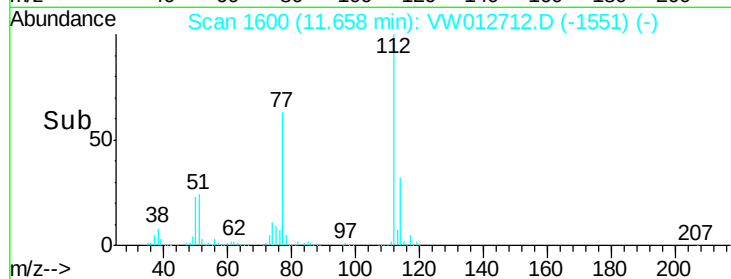
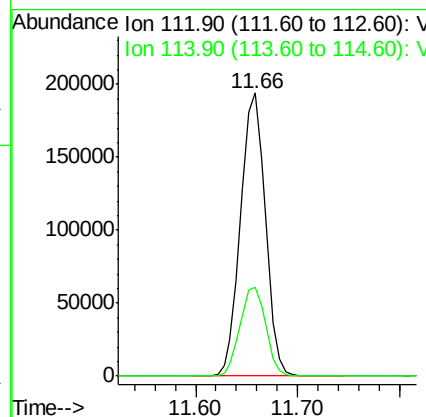
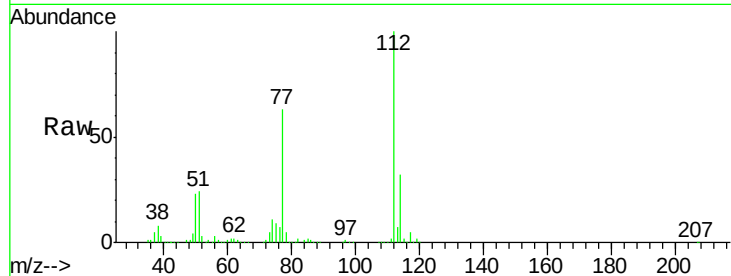
#65
Chlorobenzene
Concen: 51.973 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9

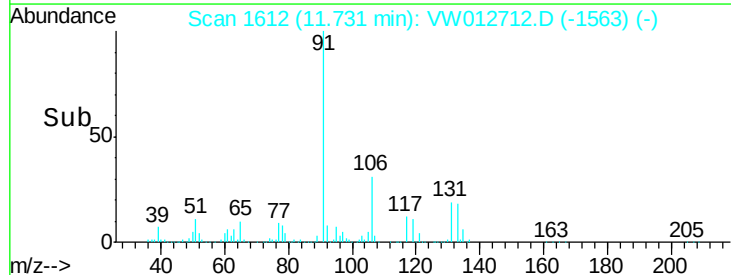
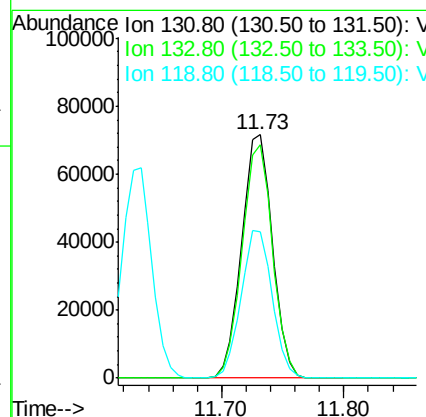
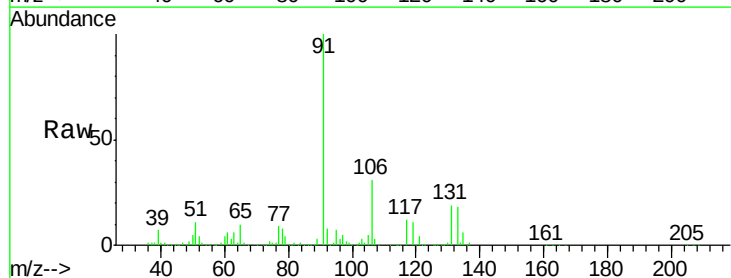
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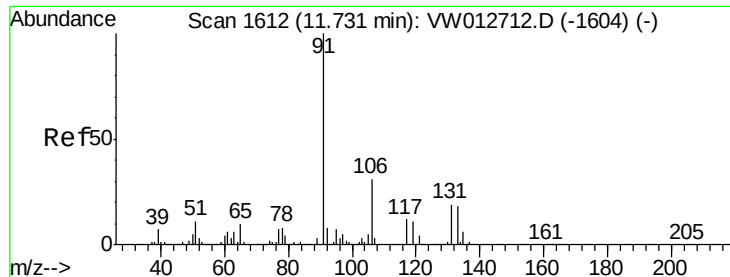
MMDadoda
9/10/2019 1:02:30 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.437 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.6	142.8
119	61.3	30.6	92.0





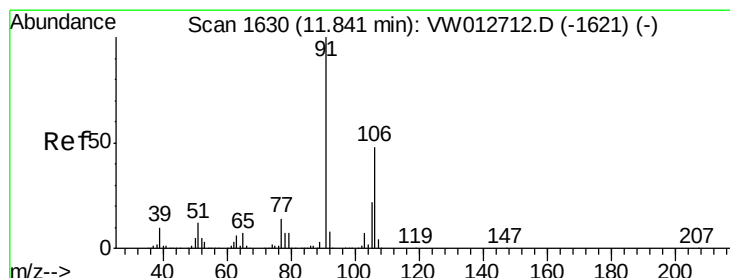
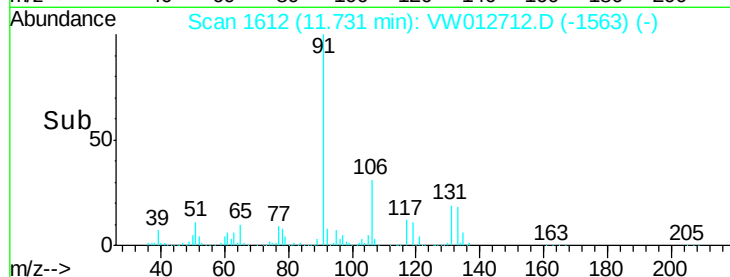
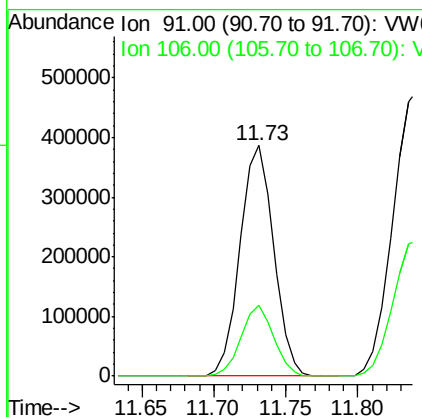
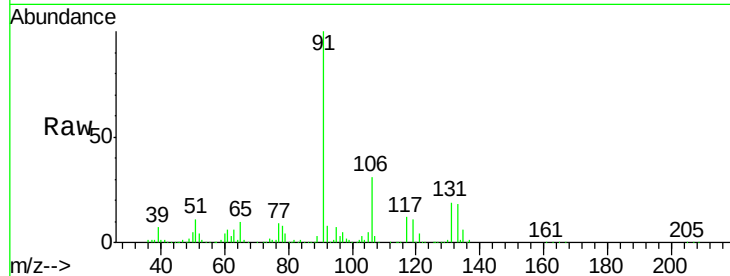
#67
Ethyl Benzene
Concen: 53.197 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 626094
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

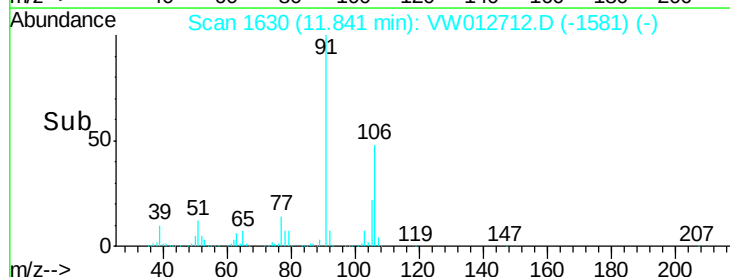
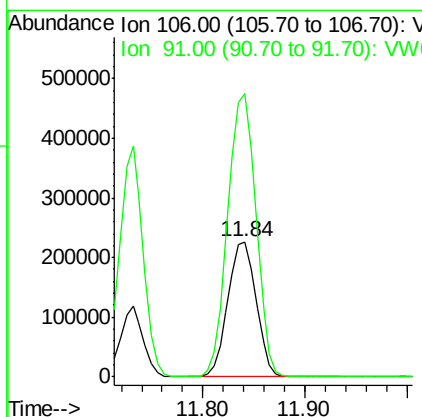
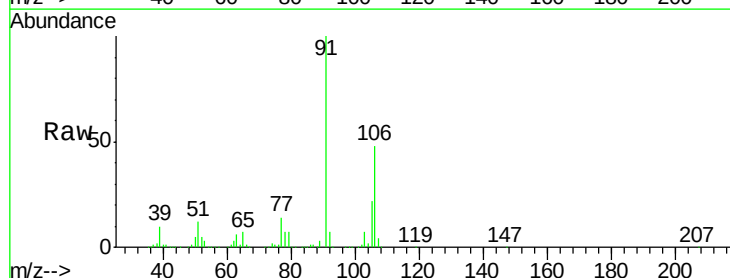
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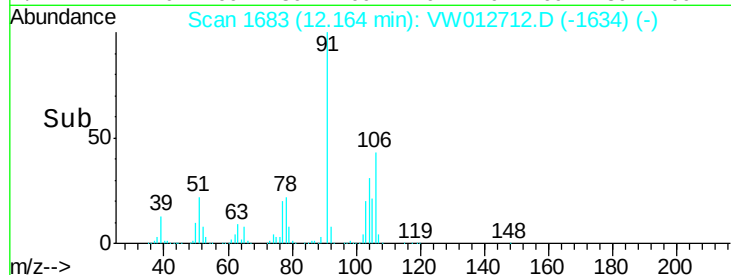
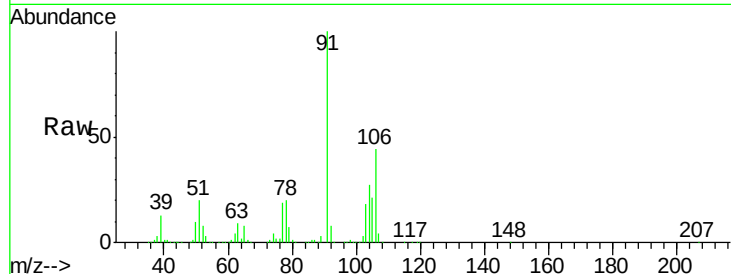
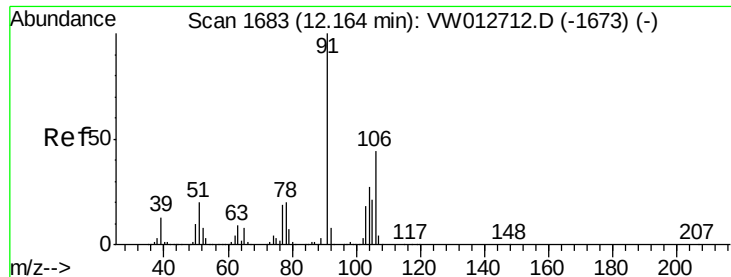
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#68
m/p-Xylenes
Concen: 102.082 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion: 106 Resp: 433670
Ion Ratio Lower Upper
106 100
91 210.3 168.2 252.4





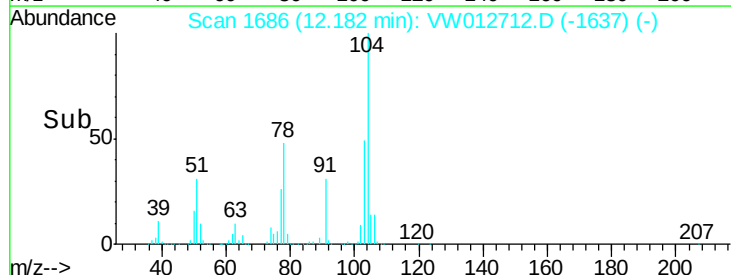
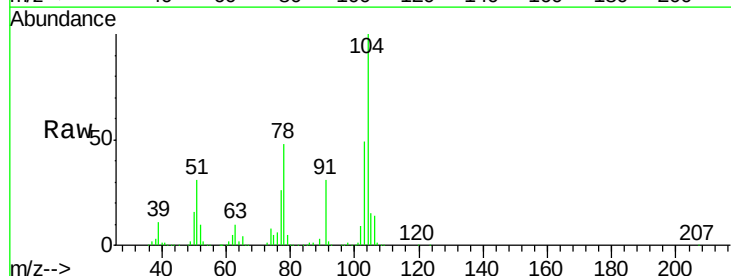
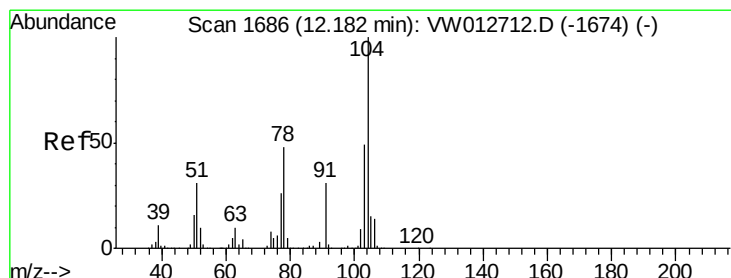
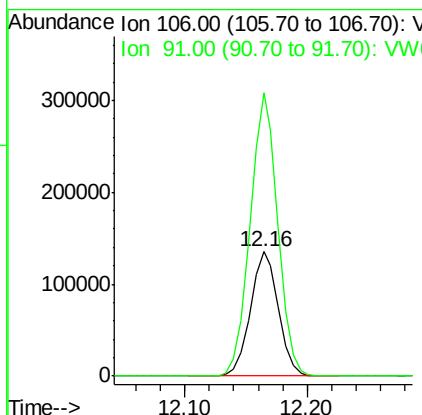
#69
o-Xylene
Concen: 53.614 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tot Ion:106 Resp: 214880
Ion Ratio Lower Upper
106 100
91 224.5 112.3 336.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

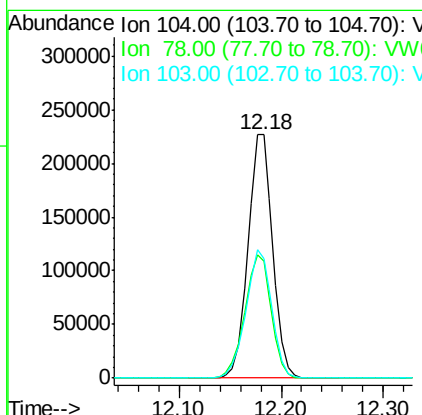
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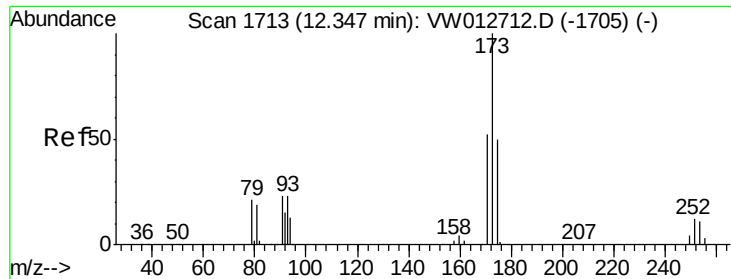
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#70
Styrene
Concen: 54.001 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion:104 Resp: 382452
Ion Ratio Lower Upper
104 100
78 54.1 43.3 64.9
103 55.0 44.0 66.0





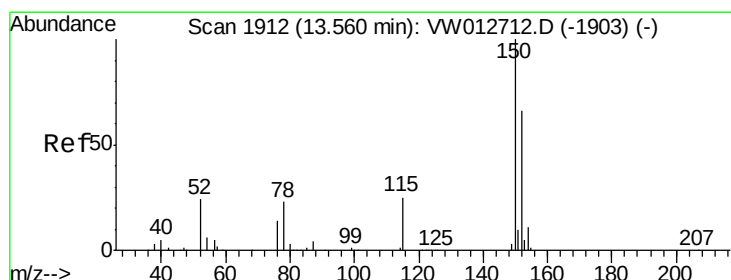
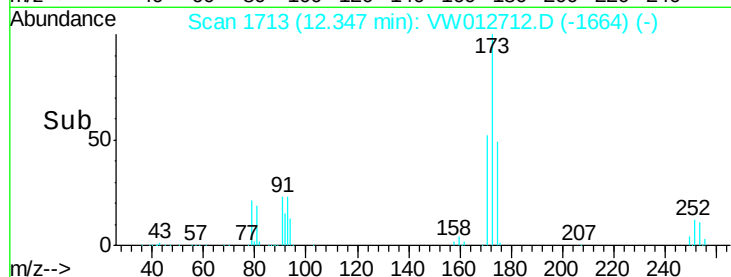
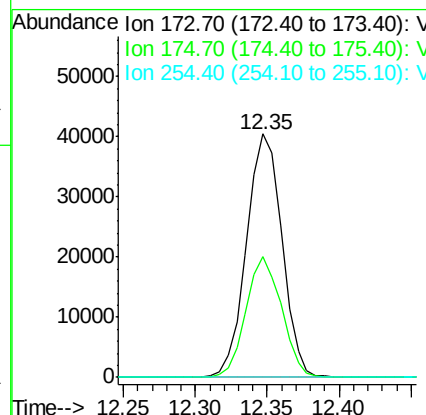
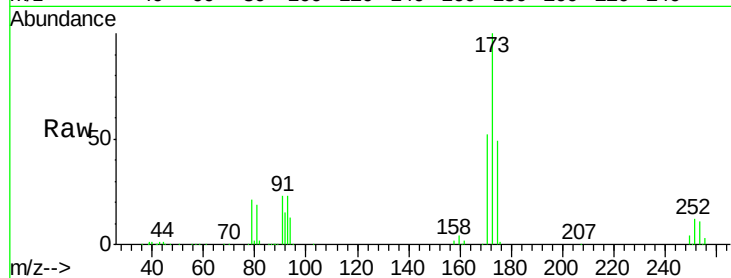
#71
Bromoform
Concen: 53.164 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.8	74.3
254	0.1	0.1	0.1#

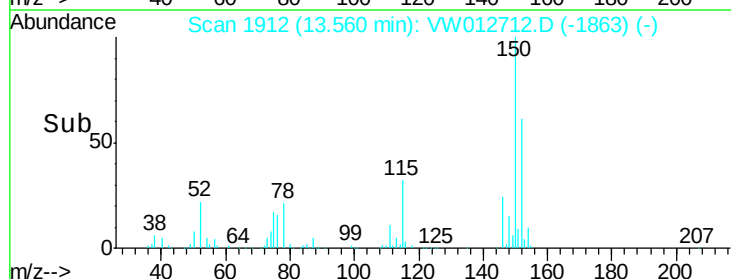
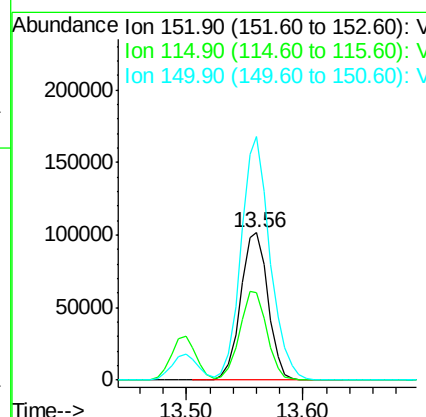
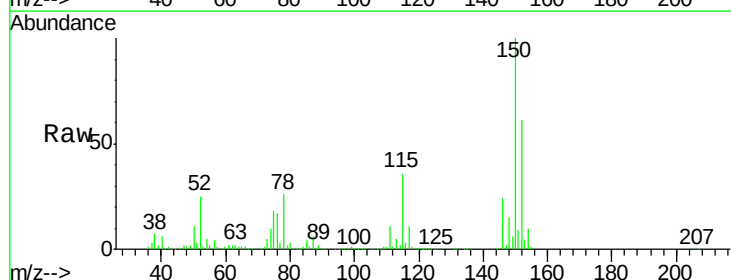
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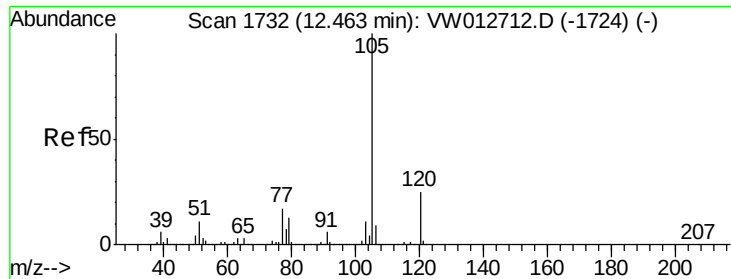
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.0	90.1
150	174.5	0.0	349.0





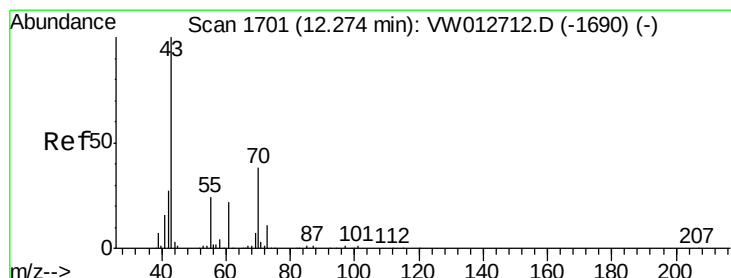
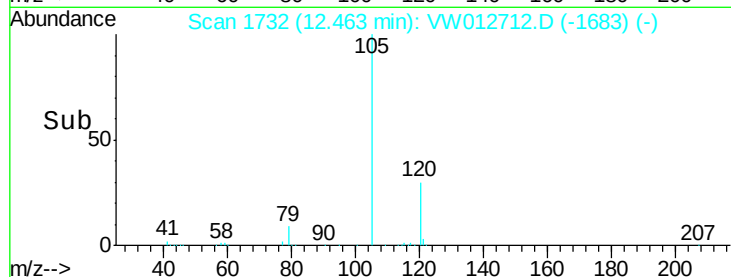
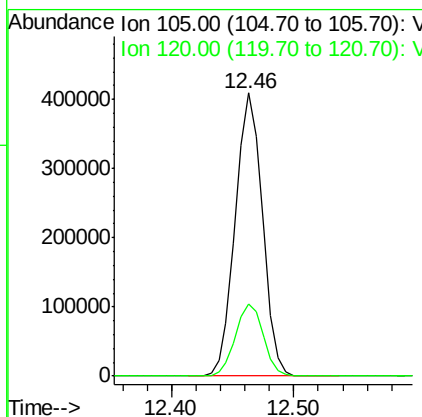
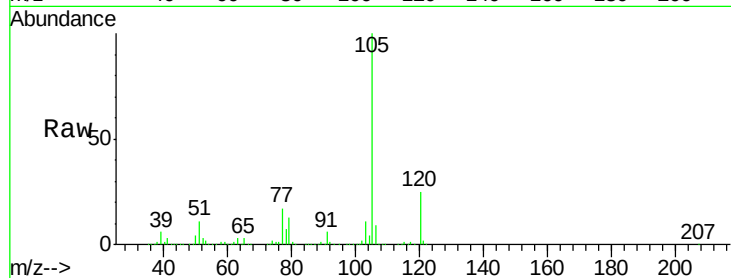
#73
Isopropylbenzene
Concen: 52.799 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	628935		
120	25.9	13.0	38.9	

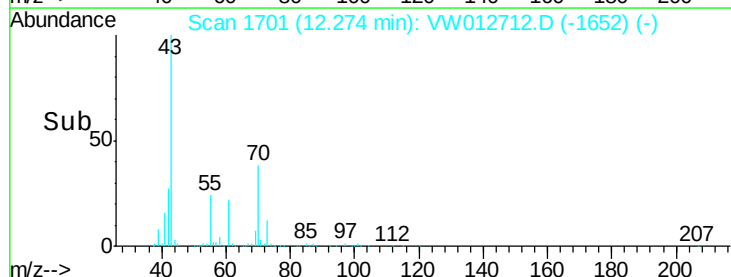
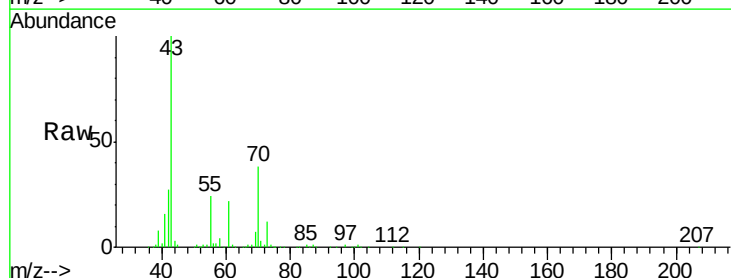
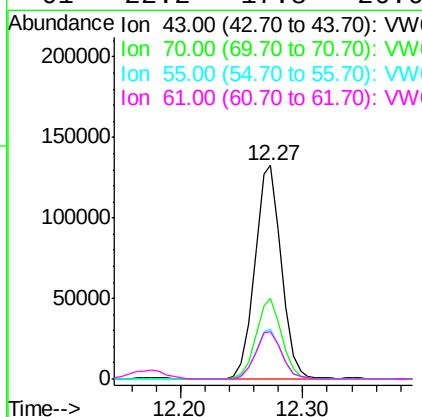
Manual Integrations
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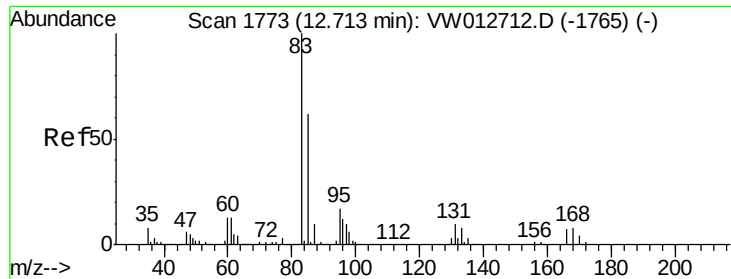
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#74
N-ethyl acetate
Concen: 53.052 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	200589		
70	36.7	29.4	44.0	
55	23.2	18.6	27.8	
61	22.2	17.8	26.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 50.172 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

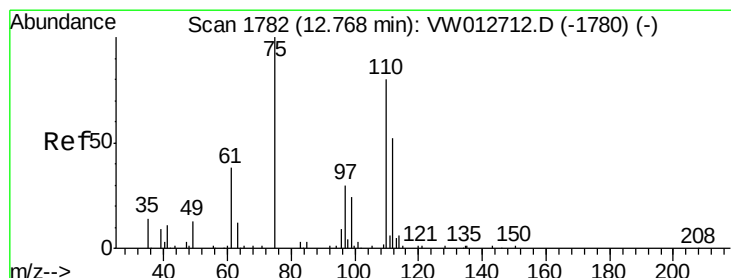
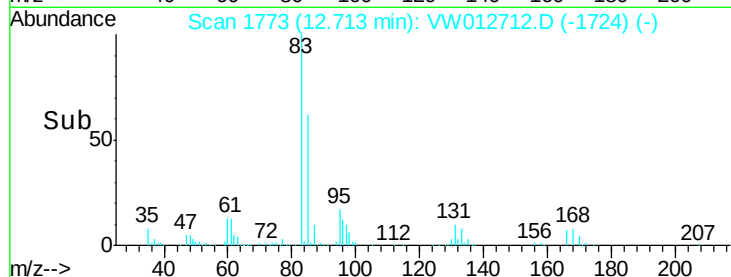
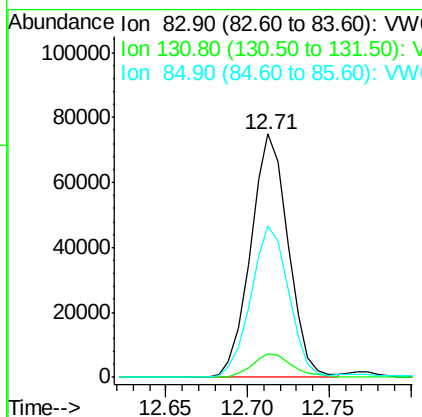
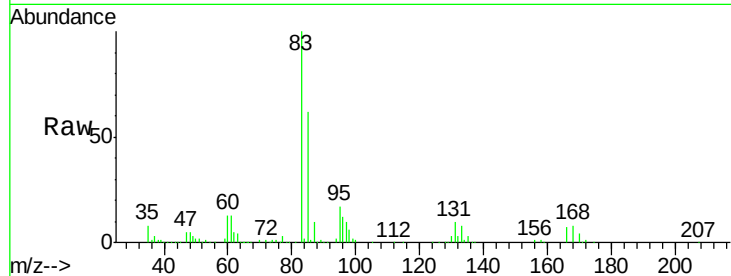
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	120024
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	62.8	31.4	94.2

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#76

1,2,3-Trichloropropane

Concen: 50.352 ug/l m

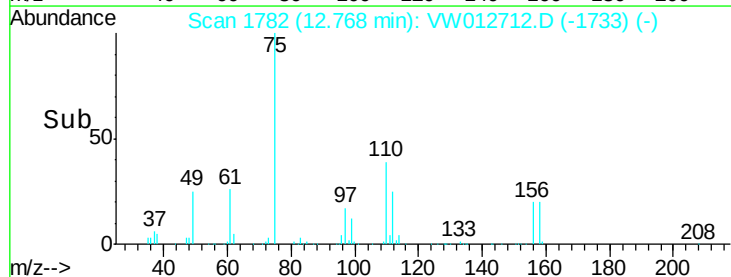
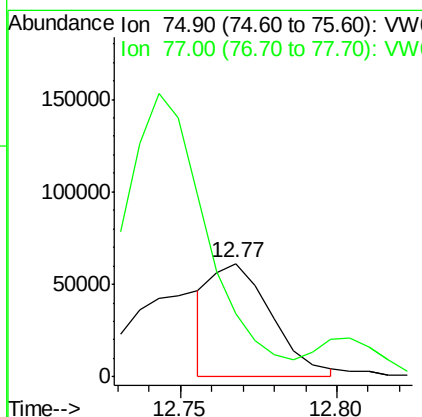
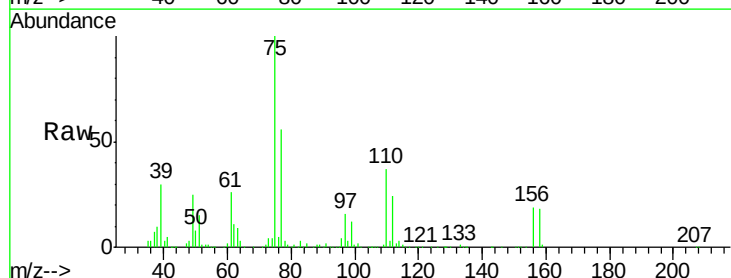
RT: 12.77 min Scan# 1782

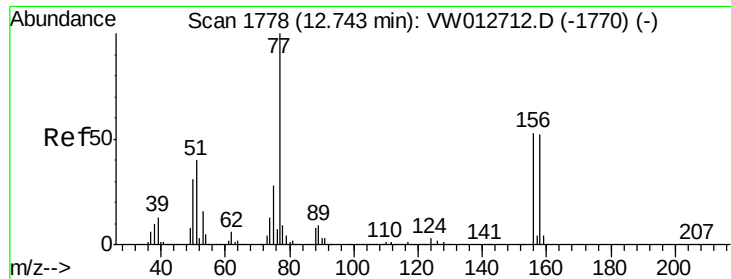
Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Tgt Ion:	75	Resp:	82066
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.381 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

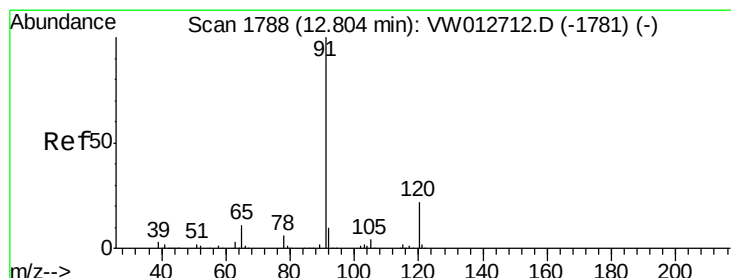
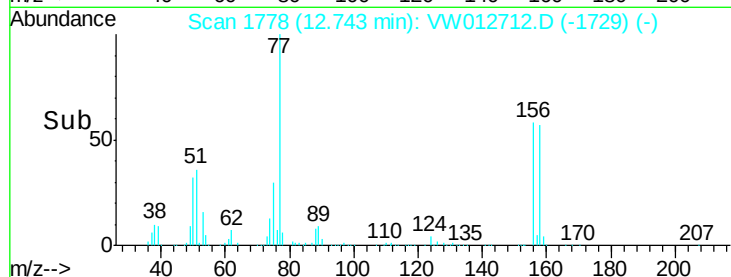
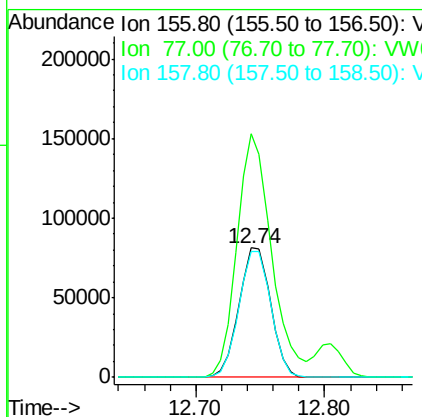
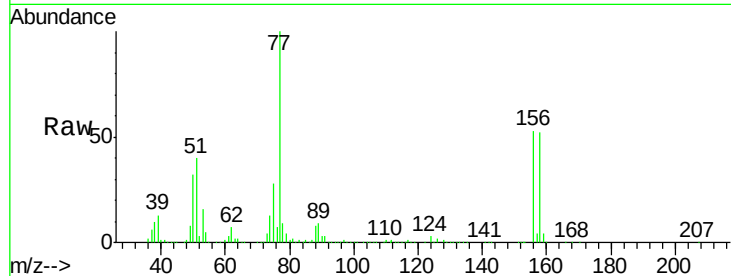
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	138665
Ion Ratio	Lower	Upper	
156	100		
77	204.6	102.3	306.9
158	97.9	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.725 ug/l

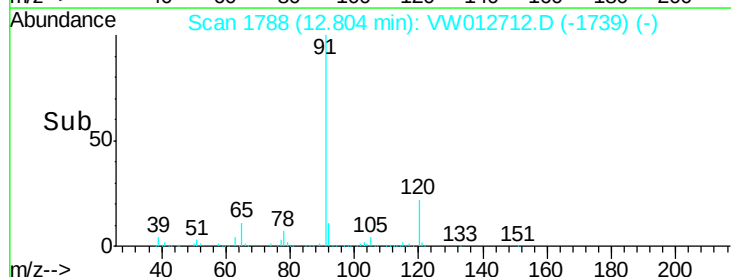
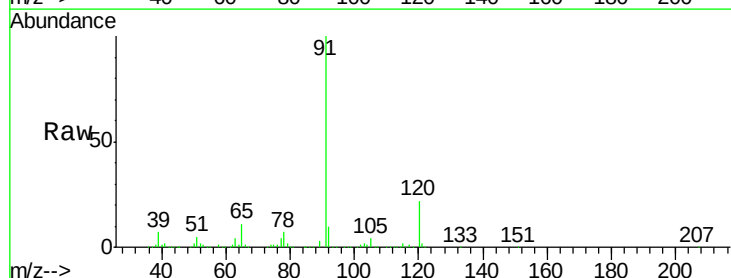
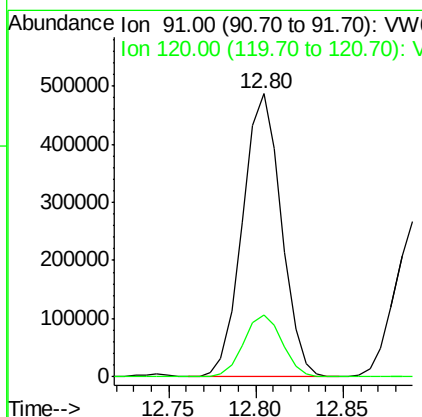
RT: 12.80 min Scan# 1788

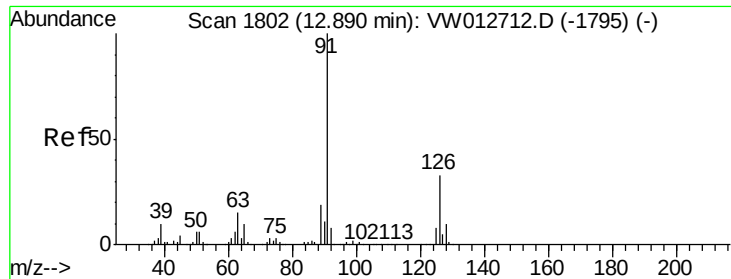
Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Tgt Ion:	91	Resp:	751144
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 52.479 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 429204

Ion Ratio Lower Upper

91 100

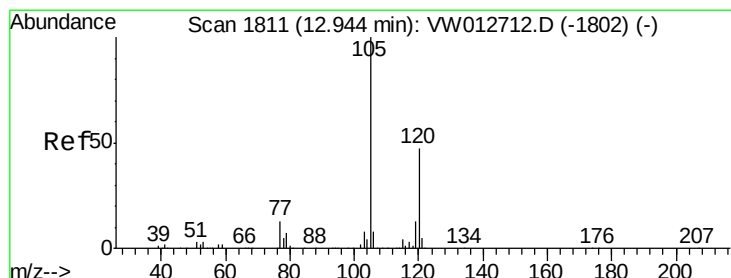
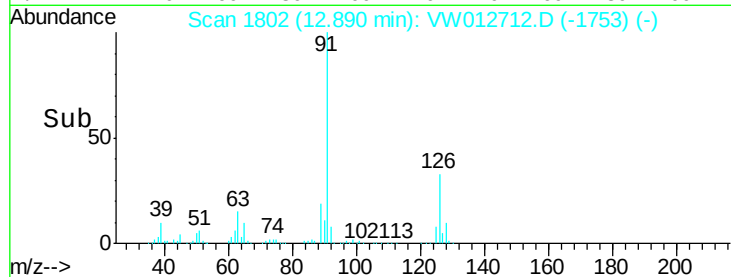
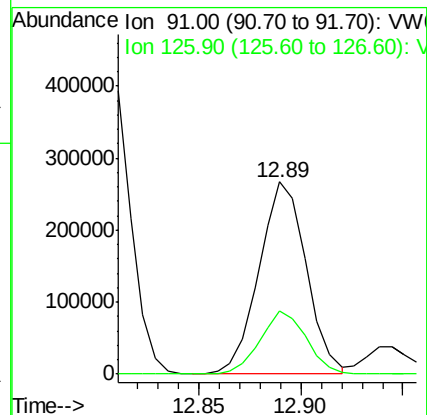
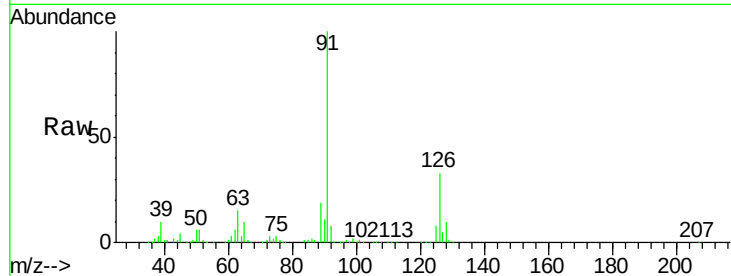
126 32.2 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.318 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012712.D

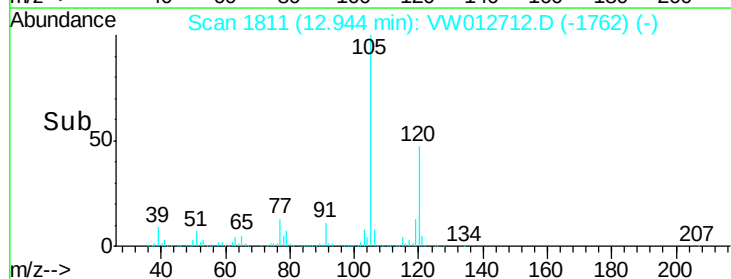
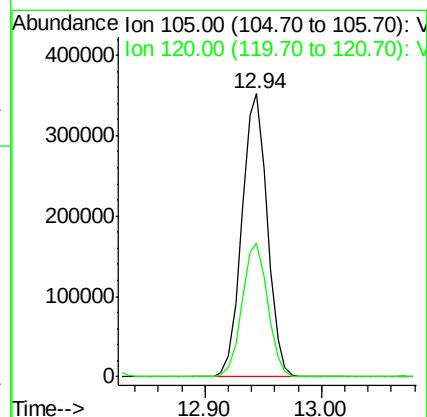
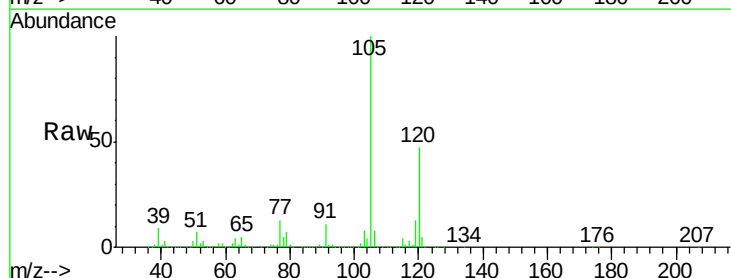
Acq: 07 Sep 2019 11:03

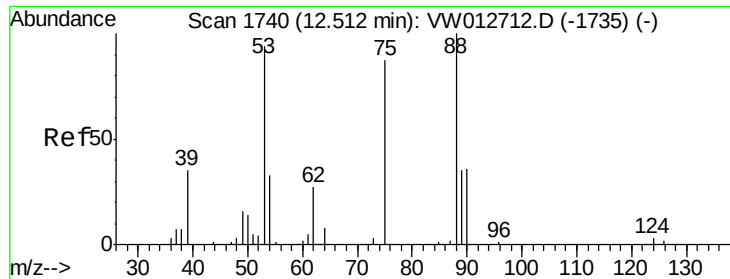
Tgt Ion: 105 Resp: 535179

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.473 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 42132

Ion Ratio Lower Upper

75 100

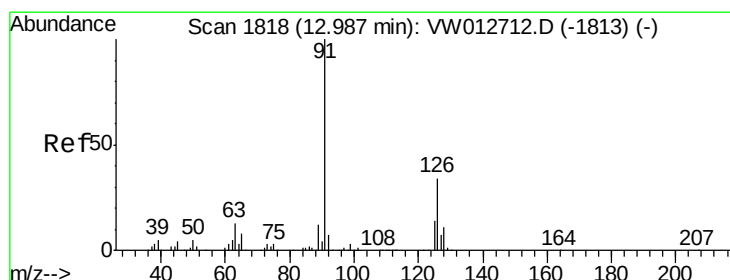
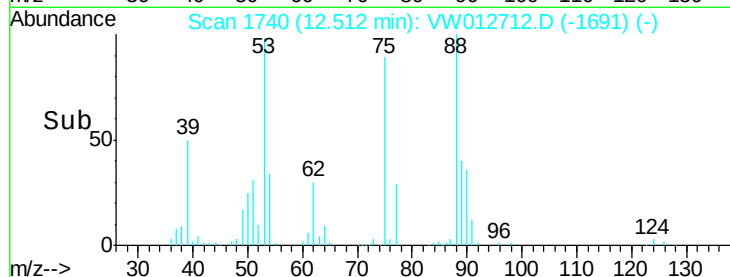
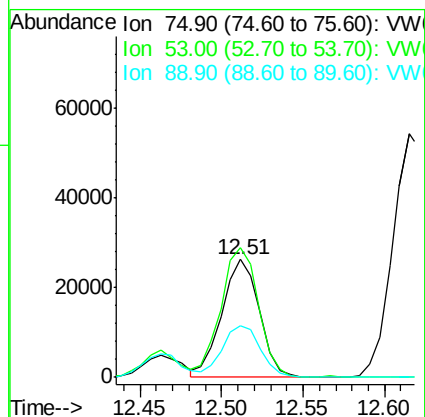
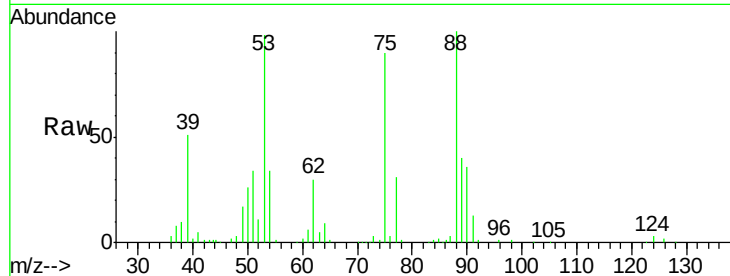
53 109.5 87.6 131.4

89 44.4 35.5 53.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.506 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012712.D

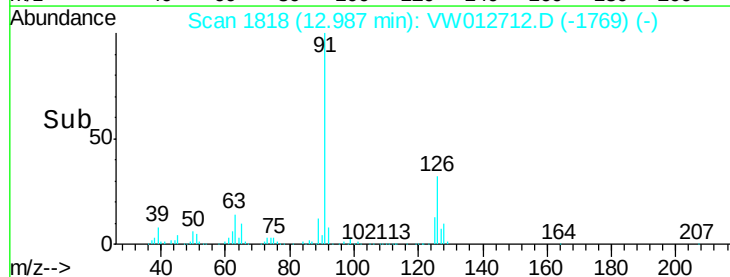
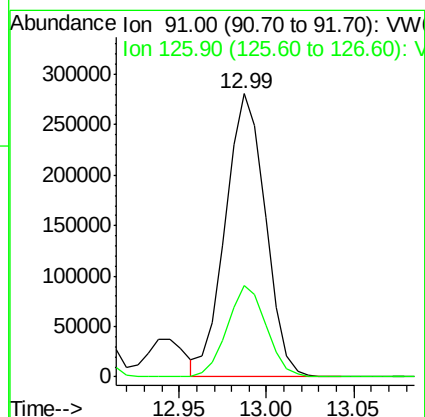
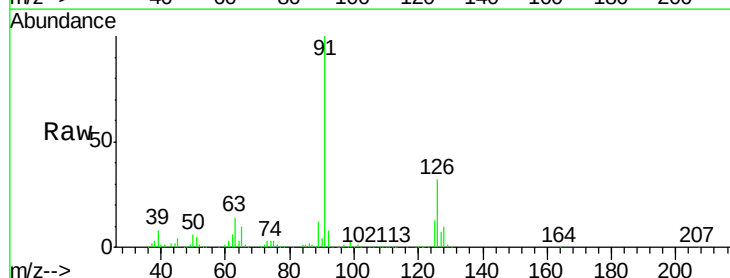
Acq: 07 Sep 2019 11:03

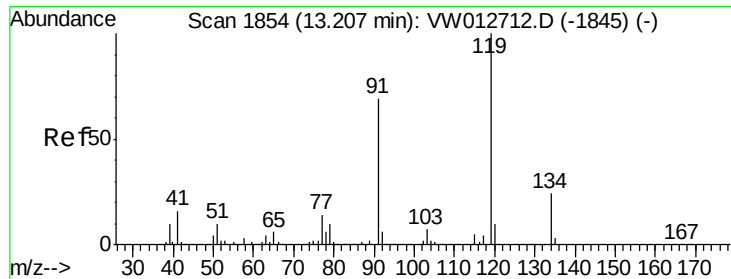
Tgt Ion: 91 Resp: 445580

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.6





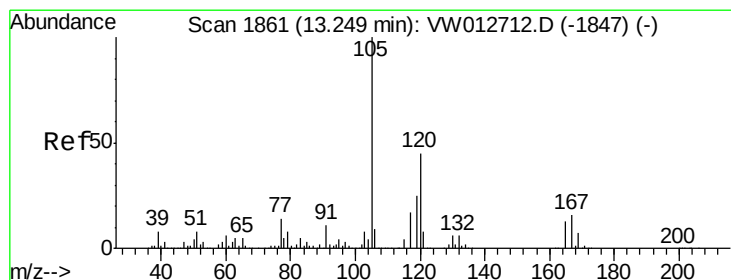
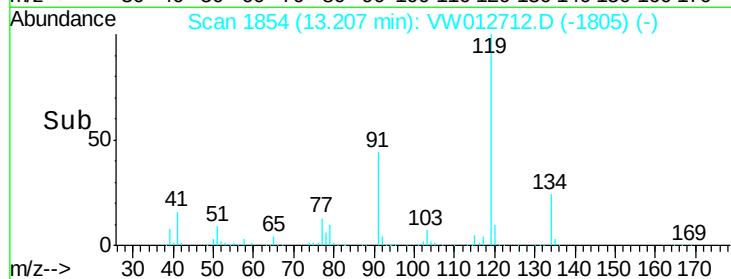
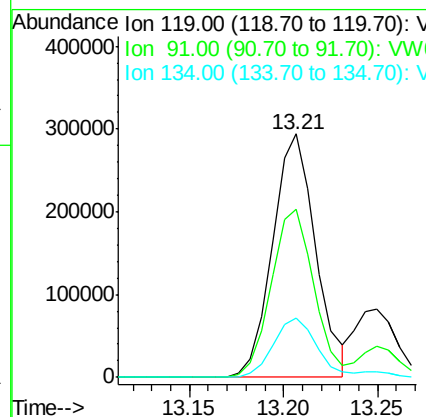
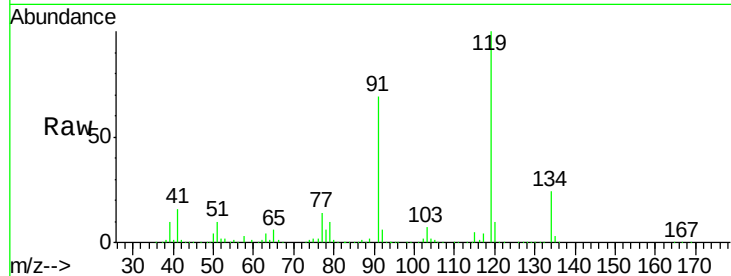
#83
 tert-Butylbenzene
 Concen: 52.473 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	34.2	102.5
134	24.6	12.3	36.9

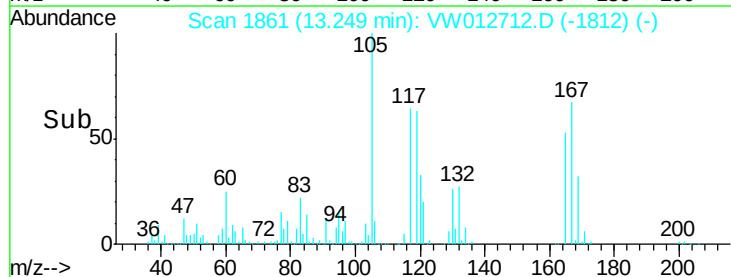
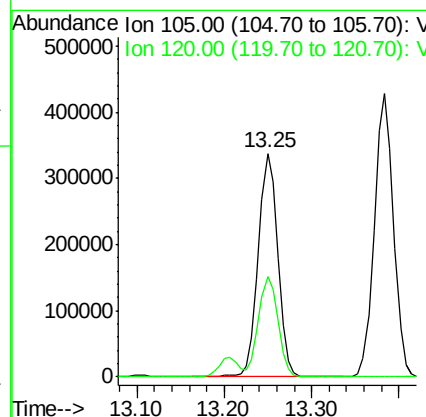
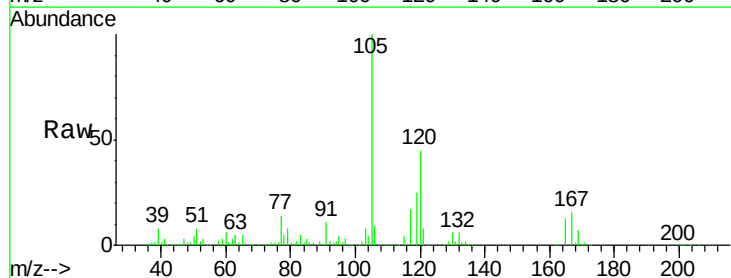
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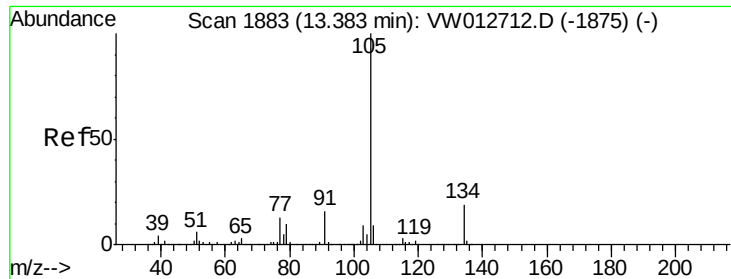
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.588 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.3





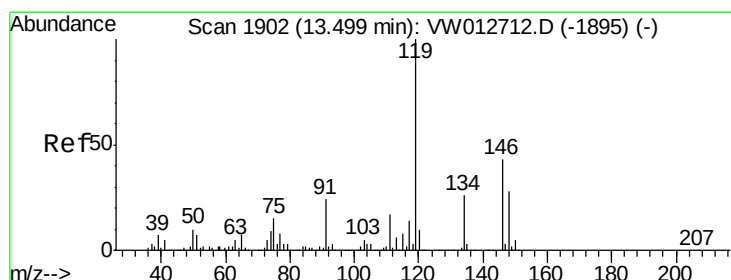
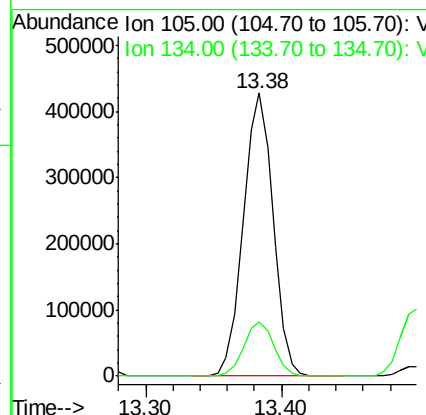
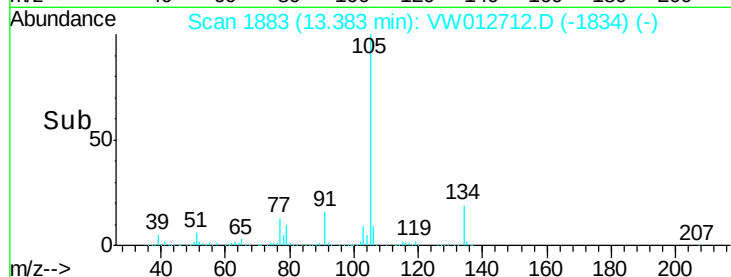
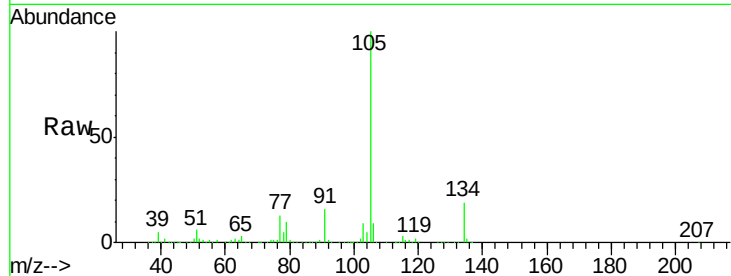
#85
 sec-Butylbenzene
 Concen: 52.948 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.3

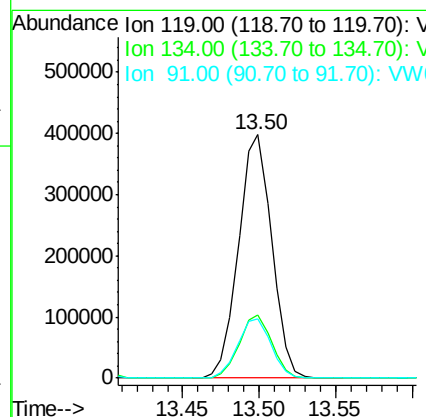
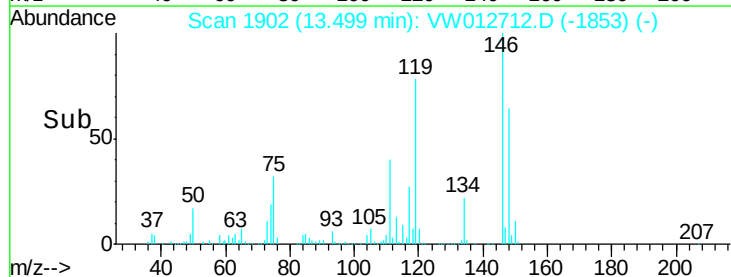
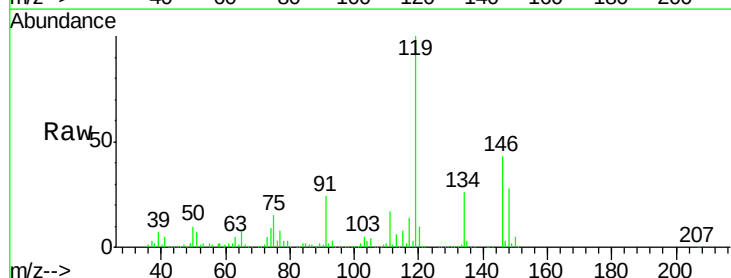
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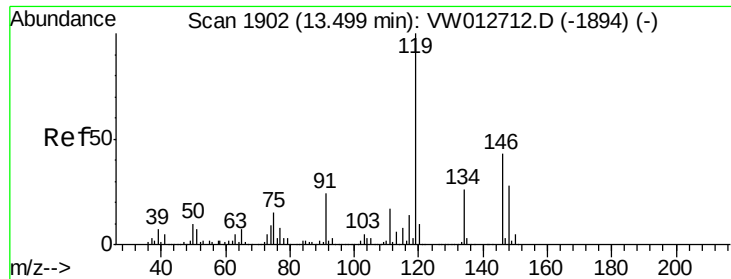
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#86
 p-Isopropyltoluene
 Concen: 53.167 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.7	38.1
91	24.4	12.2	36.6





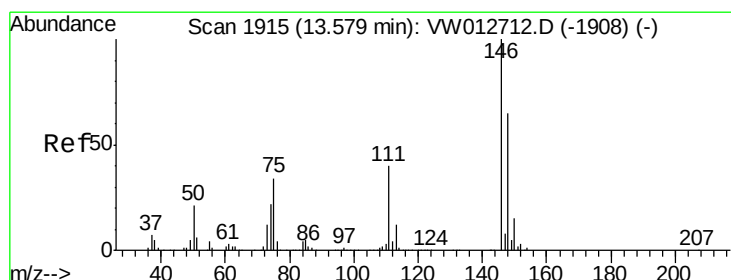
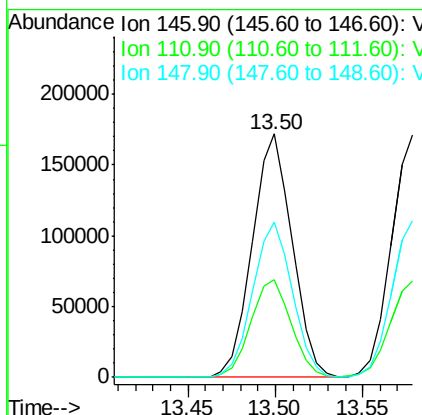
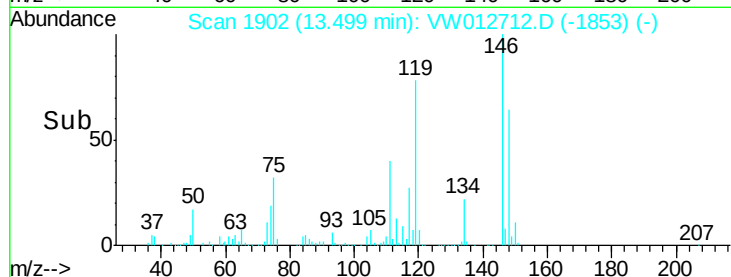
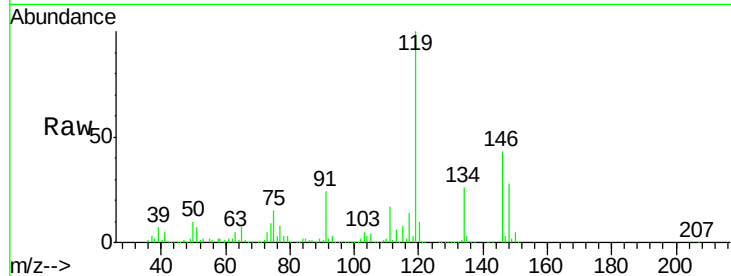
#87
 1,3-Dichlorobenzene
 Concen: 51.341 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	272337		
111	40.8	20.4	61.2	
148	63.6	31.8	95.4	

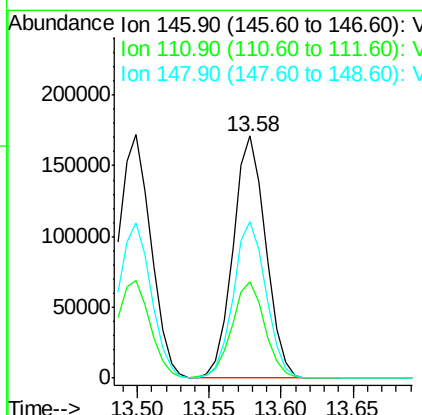
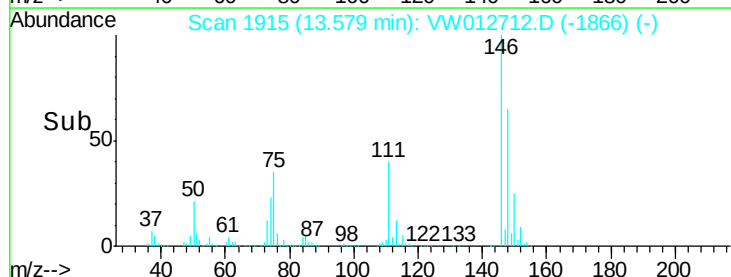
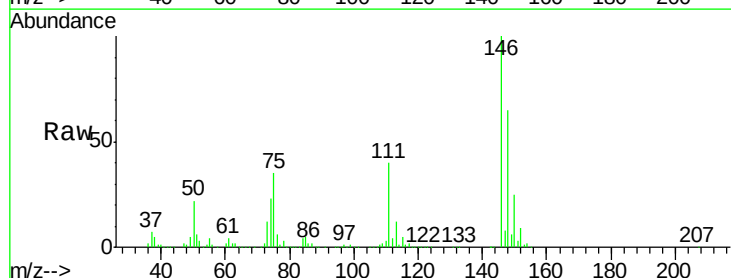
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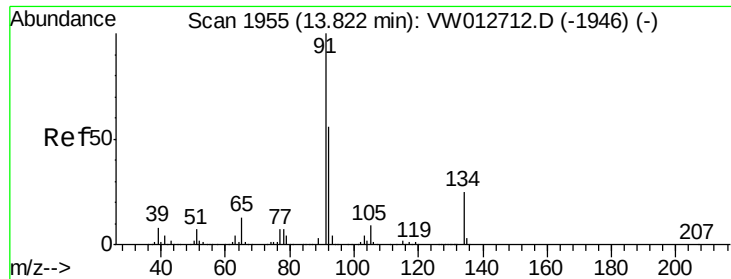
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#88
 1,4-Dichlorobenzene
 Concen: 51.350 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	271044		
111	40.0	20.0	60.0	
148	64.4	32.2	96.6	





#89

n-Butylbenzene

Concen: 52.606 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Instrument :

MSVOA_W

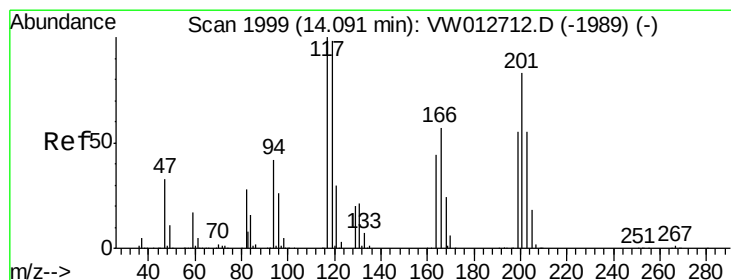
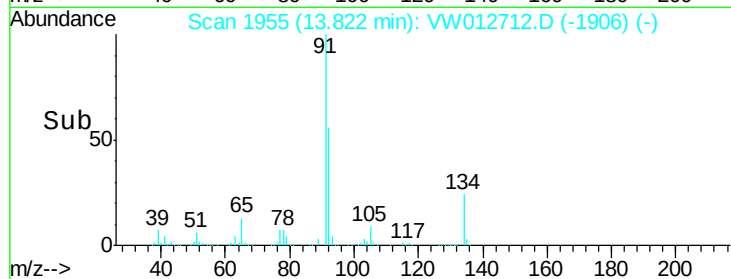
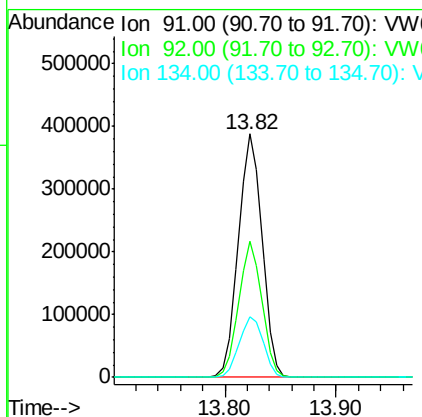
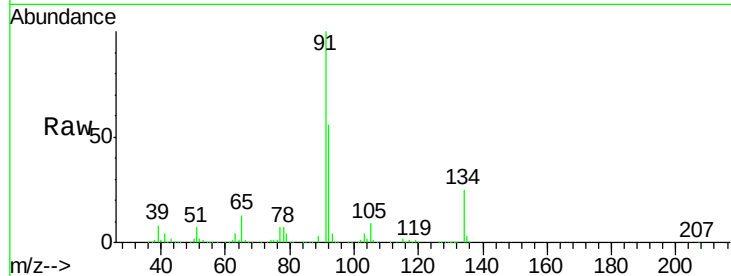
ClientSampleId :

VSTDICCC050

Tot Ion:	91	Resp:	574510
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.5
134	25.4	12.7	38.1

Manual Integrations
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#90

Hexachloroethane

Concen: 52.858 ug/l

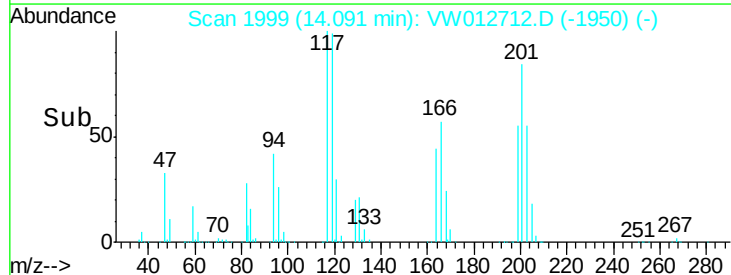
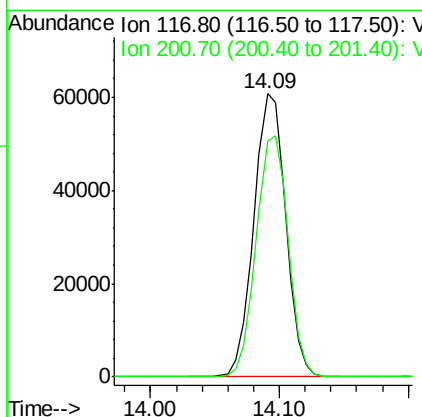
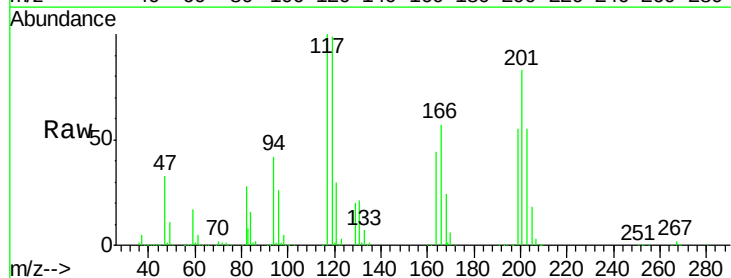
RT: 14.09 min Scan# 1999

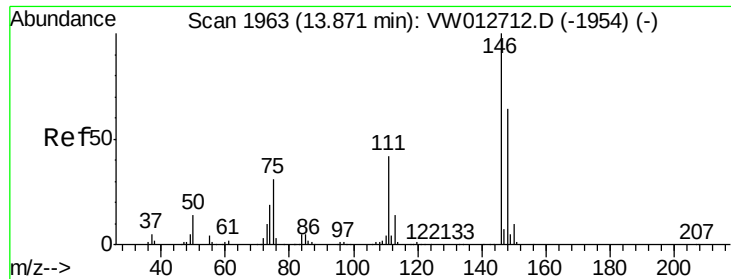
Delta R.T. 0.00 min

Lab File: VW012712.D

Acq: 07 Sep 2019 11:03

Tgt Ion:	117	Resp:	103803
Ion	Ratio	Lower	Upper
117	100		
201	85.6	42.8	128.4





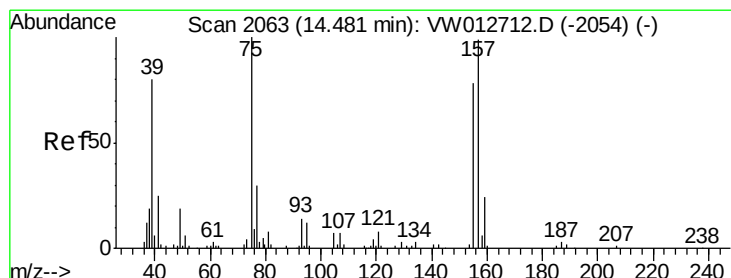
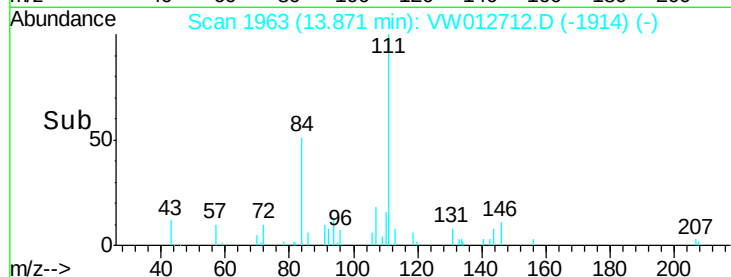
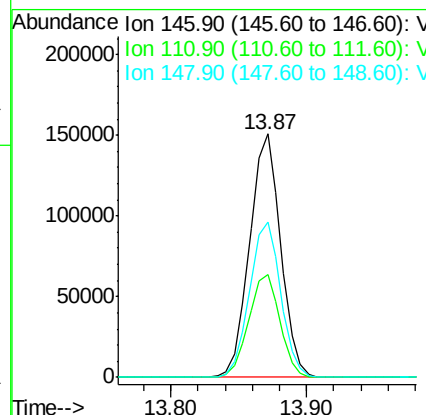
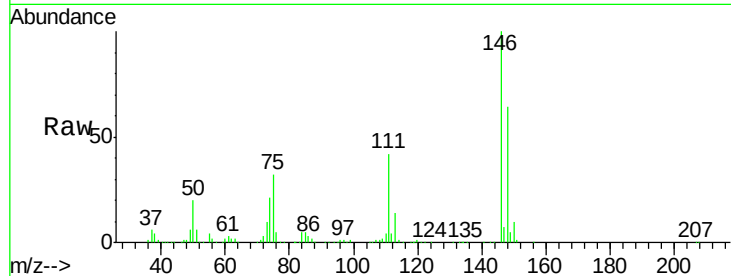
#91
 1,2-Dichlorobenzene
 Concen: 50.555 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	64.3	32.1	96.5

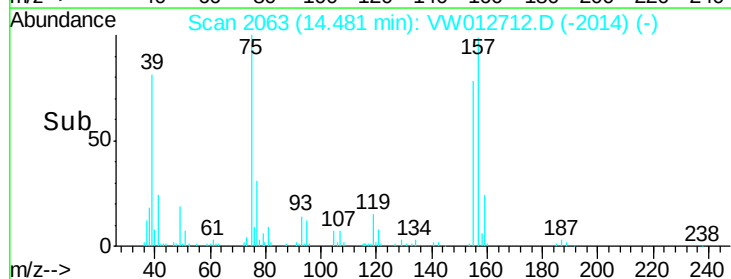
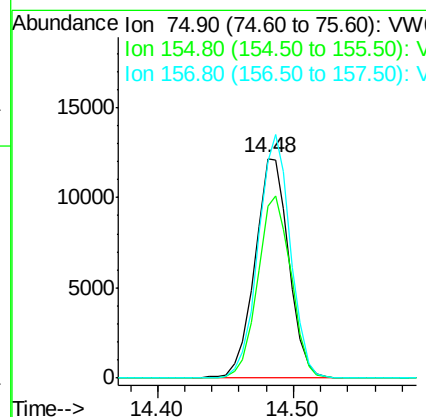
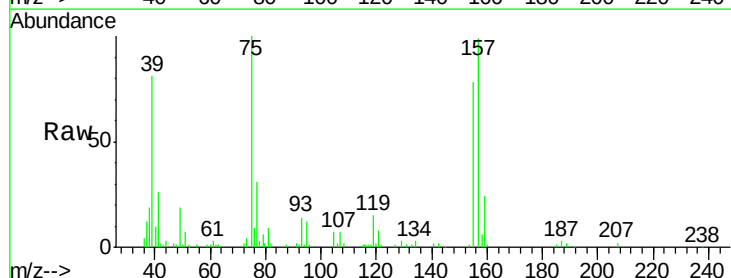
Manual Integrations
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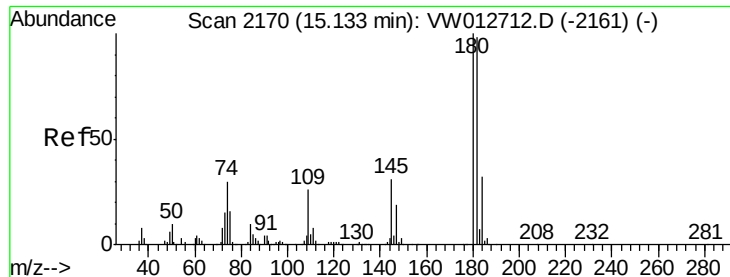
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.603 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.6	122.0
157	105.0	52.5	157.5





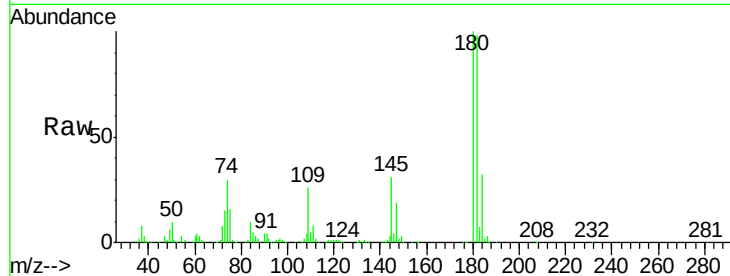
#93
 1,2,4-Trichlorobenzene
 Concen: 53.739 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

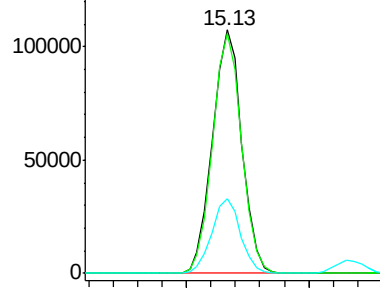
Tot Ion	Ratio	Resp	Lower	Upper
180	100	178631		
182	97.4	48.7	146.1	
145	30.1	15.0	45.1	

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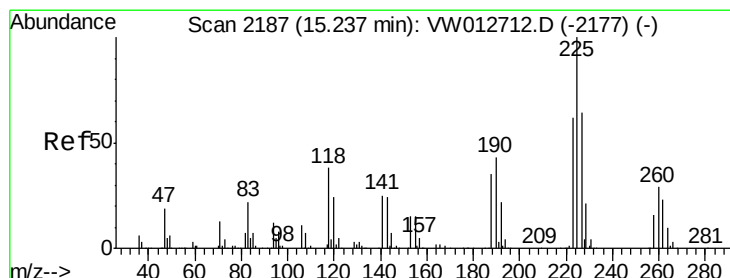
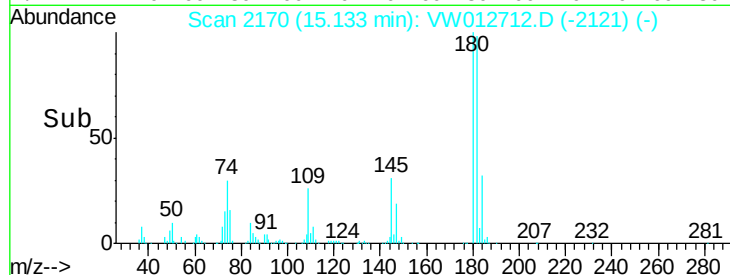
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

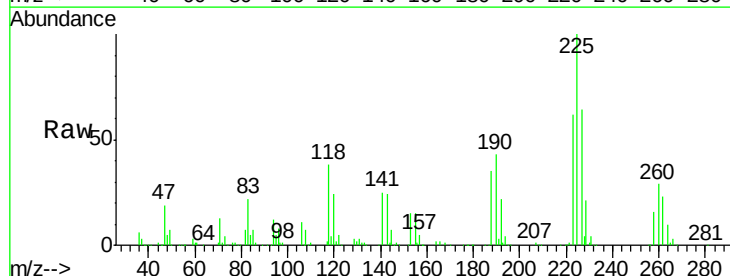


Time-->

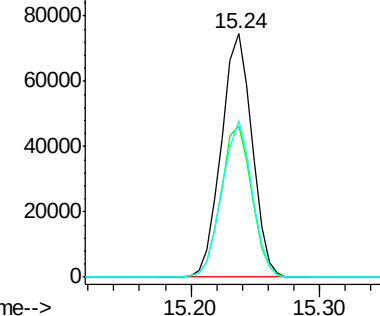


#94
 Hexachlorobutadiene
 Concen: 53.345 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012712.D
 Acq: 07 Sep 2019 11:03

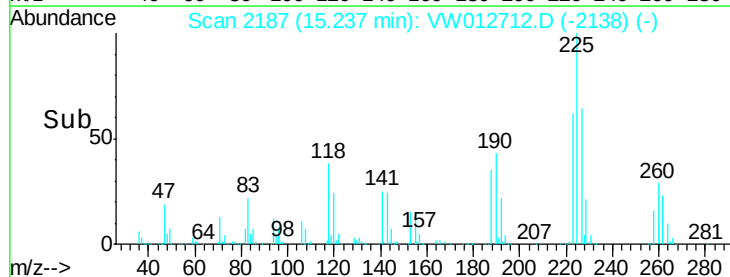
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122735		
223	62.2	31.1	93.3	
227	62.8	31.4	94.2	

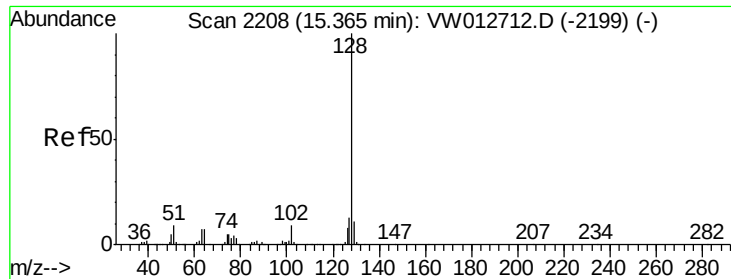


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





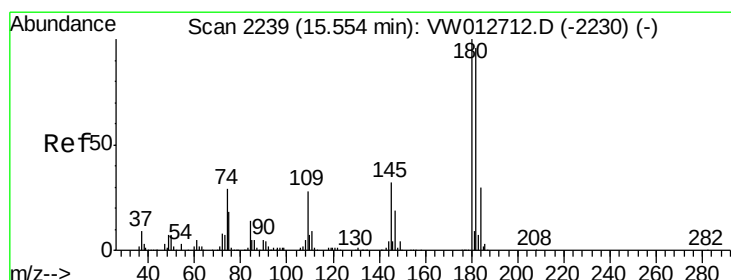
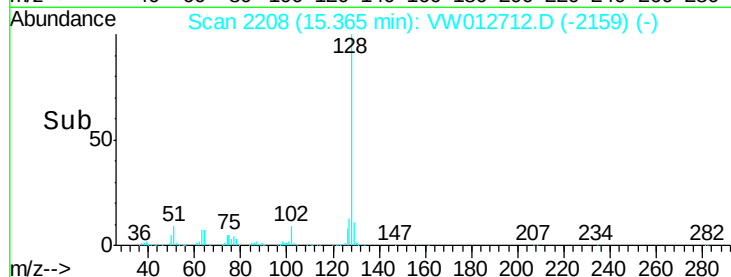
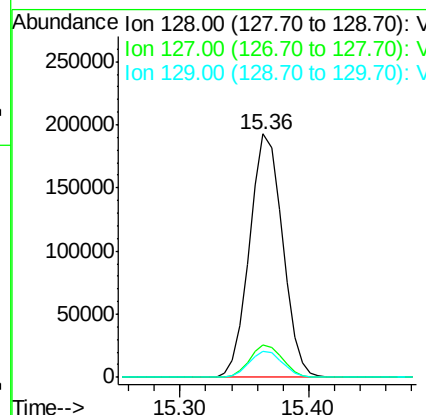
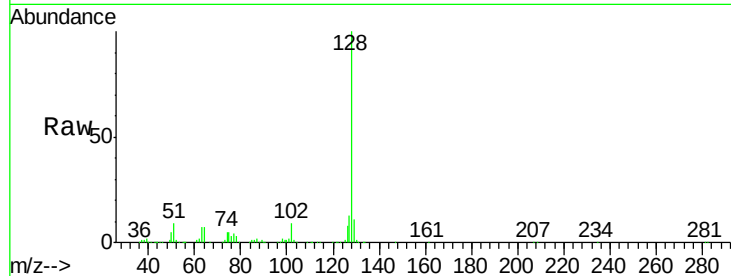
#95
Naphthalene
Concen: 55.017 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	340486		
127	13.4	10.7	16.1	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/10/2019 1:02:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.831 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012712.D
Acq: 07 Sep 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	160881		
182	95.5	47.8	143.3	
145	30.8	15.4	46.2	

