

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012740.D
 Acq On : 08 Sep 2019 00:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:03:05 PM

Quant Time: Sep 08 05:51:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	130108	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.88	113	101564	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.32	98	407058	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	142695	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	47428	41.021	ug/l	99
3) Chloromethane	2.21	50	62263	44.312	ug/l	97
4) Vinyl Chloride	2.35	62	77995	45.271	ug/l	99
5) Bromomethane	2.77	94	46309	49.500	ug/l	100
6) Chloroethane	2.90	64	48410	47.087	ug/l	99
7) Trichlorofluoromethane	3.24	101	50609	42.568	ug/l	91
8) Diethyl Ether	3.68	74	48477	48.514	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	82605	44.275	ug/l	98
10) Methyl Iodide	4.27	142	113039	48.128	ug/l	99
11) Tert butyl alcohol	5.21	59	36925	202.529	ug/l	96
12) 1,1-Dichloroethene	4.03	96	78620	44.639	ug/l	96
13) Acrolein	3.89	56	29626	153.126	ug/l	98
14) Allyl chloride	4.66	41	163546	44.889	ug/l	97
15) Acrylonitrile	5.37	53	128836	220.750	ug/l	99
16) Acetone	4.14	43	110699	170.402	ug/l	93
17) Carbon Disulfide	4.38	76	160305	42.880	ug/l	98
18) Methyl Acetate	4.67	43	69908	45.867	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	171872	49.206	ug/l	99
20) Methylene Chloride	4.91	84	95573	47.025	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	87621	48.757	ug/l	92
22) Diisopropyl ether	6.31	45	356398	49.321	ug/l	96
23) Vinyl Acetate	6.25	43	1058628	231.166	ug/l	99
24) 1,1-Dichloroethane	6.21	63	195357	50.210	ug/l	99
25) 2-Butanone	7.17	43	171464	184.825	ug/l	98
26) 2,2-Dichloropropane	7.16	77	105296	42.848	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	107363	51.525	ug/l	97
28) Bromochloromethane	7.51	49	92922	52.012	ug/l	94
29) Tetrahydrofuran	7.53	42	112553	214.548	ug/l	99
30) Chloroform	7.67	83	197300	51.166	ug/l	100
31) Cyclohexane	7.95	56	144156	41.155	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	156706	50.135	ug/l	99
36) 1,1-Dichloropropene	8.08	75	136943	45.974	ug/l	99
37) Ethyl Acetate	7.25	43	79036	41.624	ug/l	98
38) Carbon Tetrachloride	8.07	117	139884	47.641	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	144108	43.076	ug/l	95
40) Benzene	8.32	78	391560	47.379	ug/l	100
41) Methacrylonitrile	7.48	41	49313	39.110	ug/l	94
42) 1,2-Dichloroethane	8.40	62	142857	49.116	ug/l	99
43) Isopropyl Acetate	8.42	43	156934	43.624	ug/l	99
44) Trichloroethene	9.09	130	103131	48.411	ug/l	86
45) 1,2-Dichloropropane	9.37	63	106419	46.428	ug/l	95
46) Dibromomethane	9.46	93	52128	48.026	ug/l	99
47) Bromodichloromethane	9.64	83	146604	49.093	ug/l	98
48) Methyl methacrylate	9.43	41	74370	43.259	ug/l	99
49) 1,4-Dioxane	9.48	88	17447	813.751	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	405434	214.779	ug/l	100
52) Toluene	10.38	92	249195	48.311	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	144216	46.966	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	163250	46.865	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	77440	47.655	ug/l	98
56) Ethyl methacrylate	10.65	69	112338	47.227	ug/l	98
57) 1,3-Dichloropropane	10.93	76	138894	46.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	300169	237.701	ug/l	98
59) 2-Hexanone	10.97	43	272898	197.880	ug/l	100
60) Dibromochloromethane	11.13	129	91914	48.094	ug/l	98
61) 1,2-Dibromoethane	11.23	107	70766	47.500	ug/l	99
64) Tetrachloroethene	10.86	164	91438	51.399	ug/l	99
65) Chlorobenzene	11.66	112	268024	48.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	101995	49.425	ug/l	99
67) Ethyl Benzene	11.73	91	503890	48.466	ug/l	99
68) m/p-Xylenes	11.84	106	363558	96.876	ug/l	100
69) o-Xylene	12.16	106	173271	48.940	ug/l	99
70) Styrene	12.18	104	308555	49.319	ug/l	100
71) Bromoform	12.35	173	55975	48.822	ug/l #	97
73) Isopropylbenzene	12.46	105	499177	47.729	ug/l	99
74) N-amyl acetate	12.27	43	140914	42.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	91198	43.420	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62922m	42.199	ug/l	
77) Bromobenzene	12.75	156	113800	48.027	ug/l	96
78) n-propylbenzene	12.80	91	585642	46.820	ug/l	100
79) 2-Chlorotoluene	12.89	91	341967	47.623	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	421176	47.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27859	39.518	ug/l	94
82) 4-Chlorotoluene	12.99	91	357115	47.016	ug/l	100
83) tert-Butylbenzene	13.21	119	370124	47.499	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	422974	47.632	ug/l	99
85) sec-Butylbenzene	13.38	105	503134	46.531	ug/l	100
86) p-Isopropyltoluene	13.49	119	460154	46.590	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	219750	47.184	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	216580	46.734	ug/l	100
89) n-Butylbenzene	13.82	91	431220	44.972	ug/l	99
90) Hexachloroethane	14.09	117	82775	48.007	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	197474	47.109	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16651	43.319	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	140979	48.305	ug/l	98
94) Hexachlorobutadiene	15.23	225	93879	46.473	ug/l	98
95) Naphthalene	15.36	128	262202	43.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	126347	49.045	ug/l	99

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

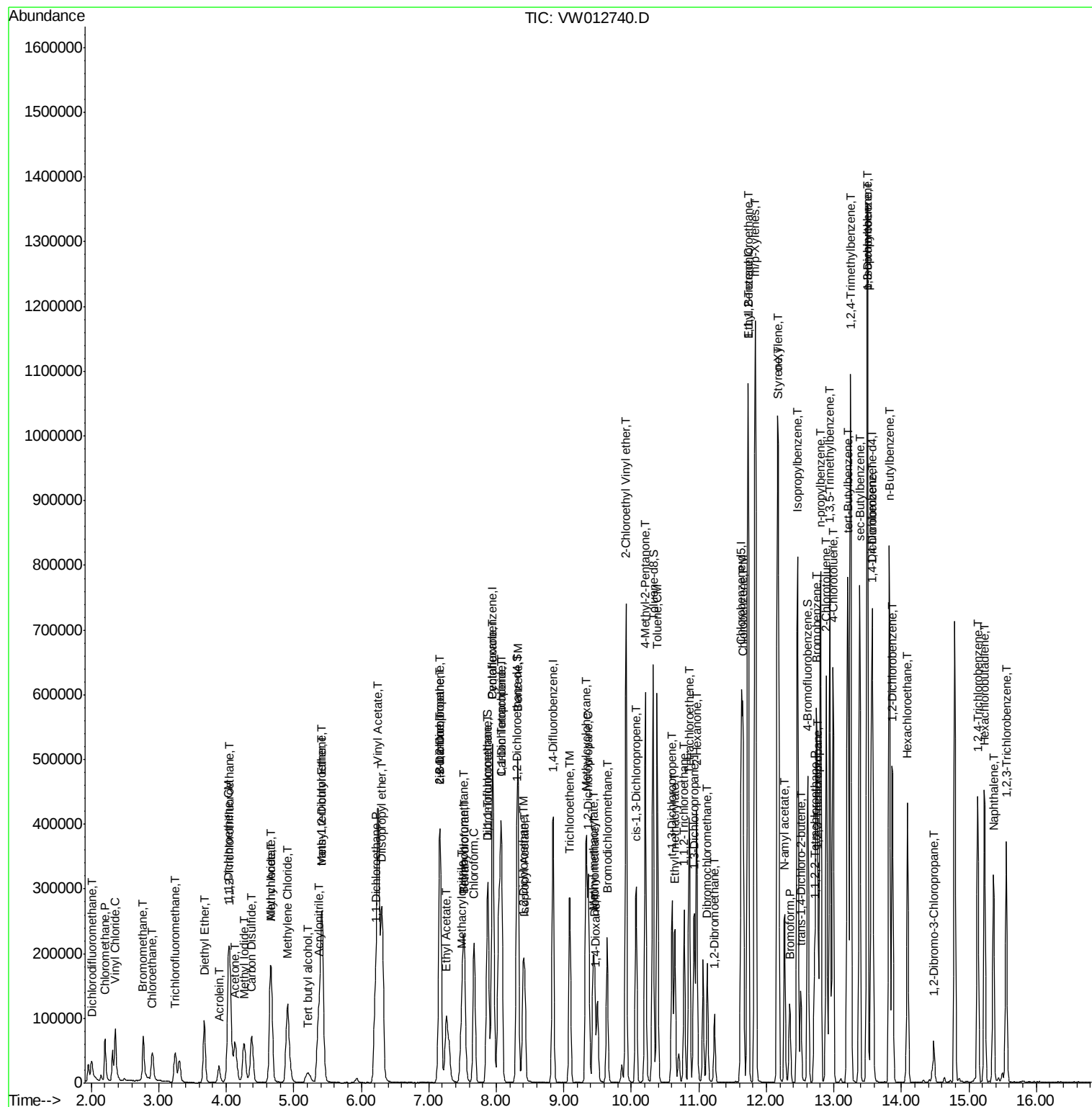
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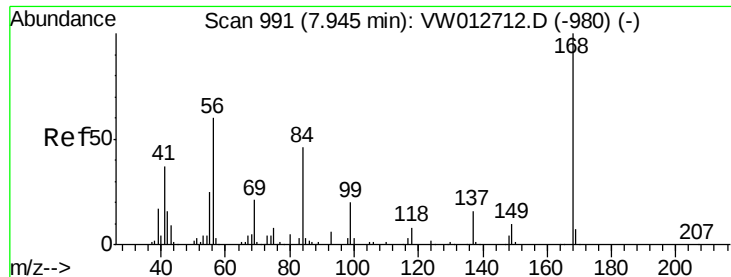
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 213270

Ion Ratio Lower Upper

168 100

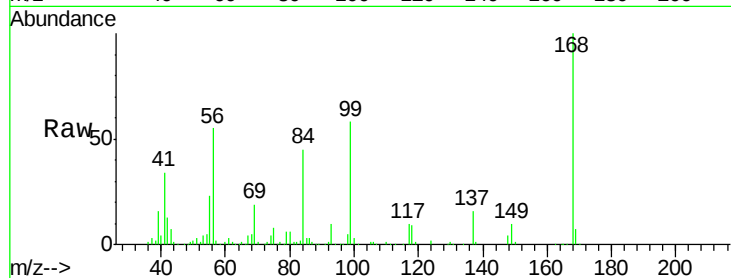
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Manual Integrations

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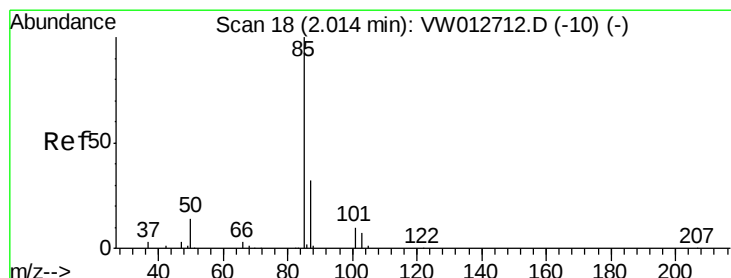
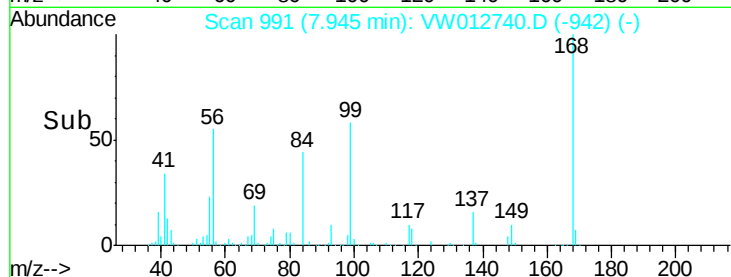
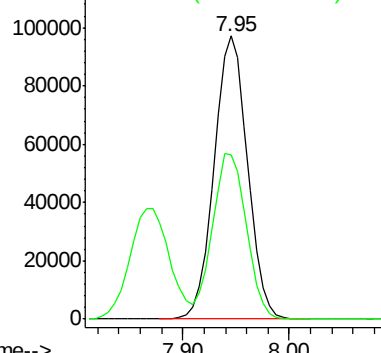
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 41.021 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012740.D

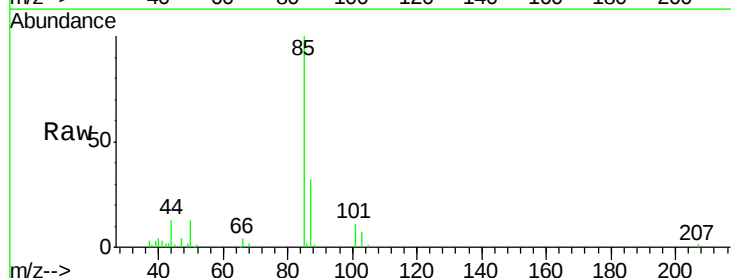
Acq: 08 Sep 2019 00:11

Tgt Ion: 85 Resp: 47428

Ion Ratio Lower Upper

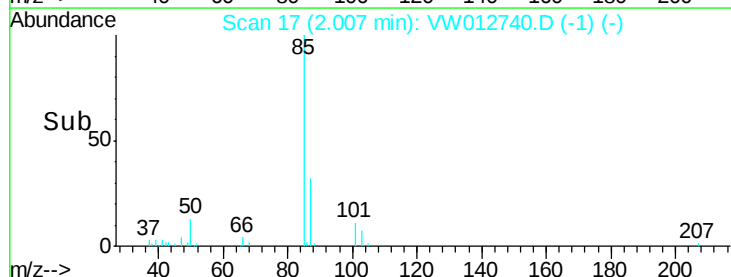
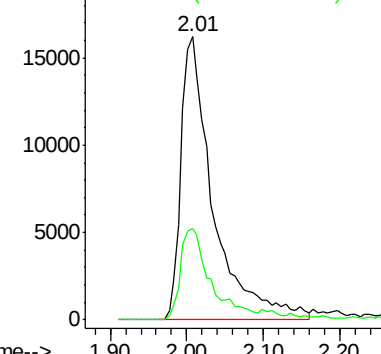
85 100

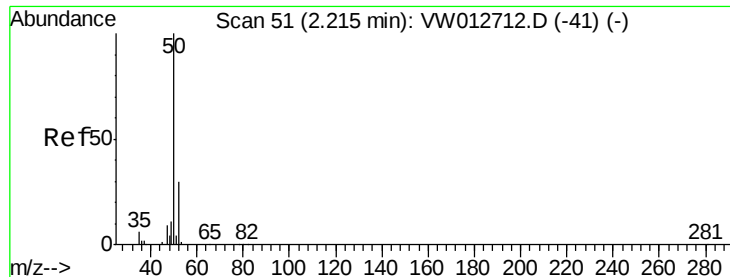
87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.312 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 62263

Ion Ratio Lower Upper

50 100

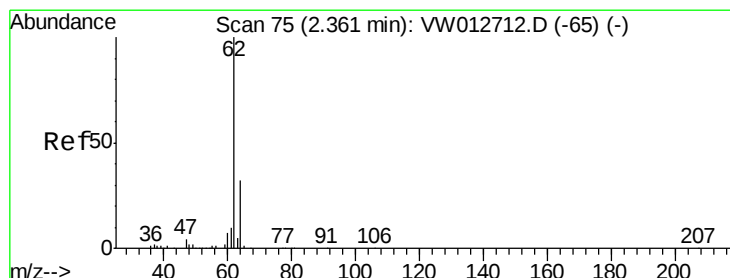
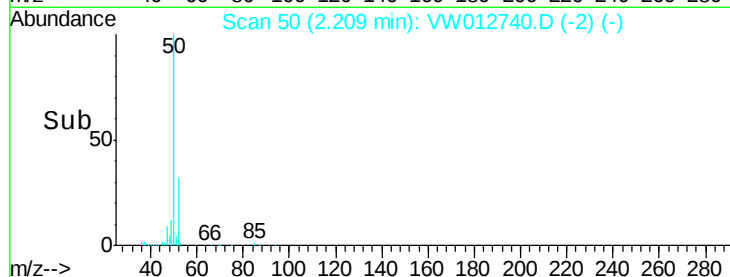
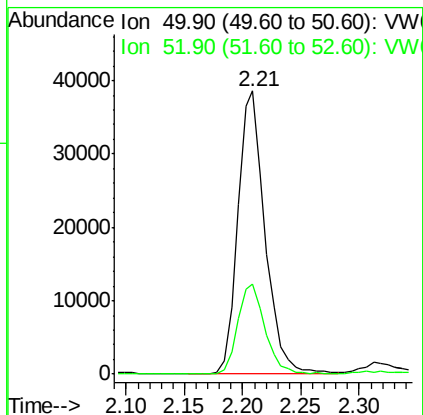
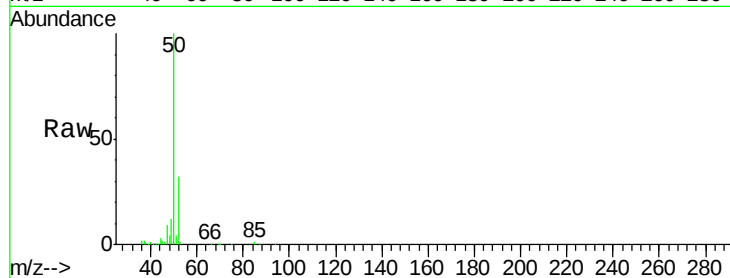
52 31.8 24.2 36.2

Manual Integrations

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9/10/2019 1:03:05 PM



#4

Vinyl Chloride

Concen: 45.271 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012740.D

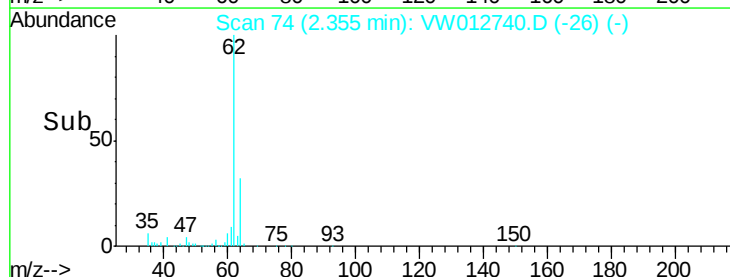
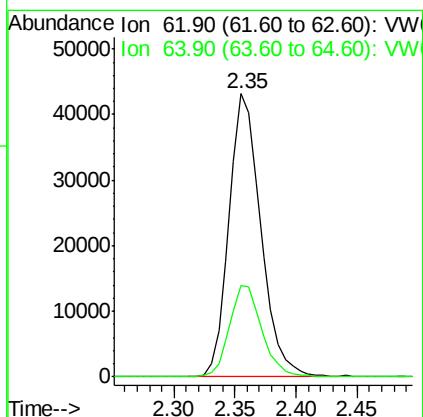
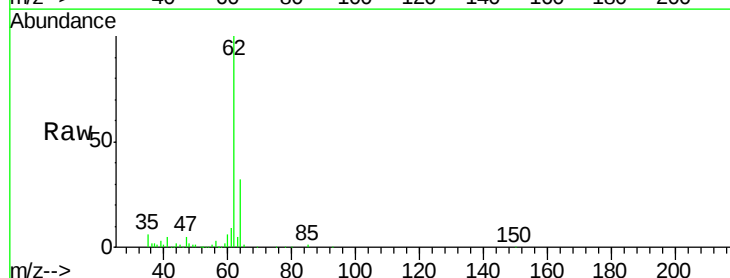
Acq: 08 Sep 2019 00:11

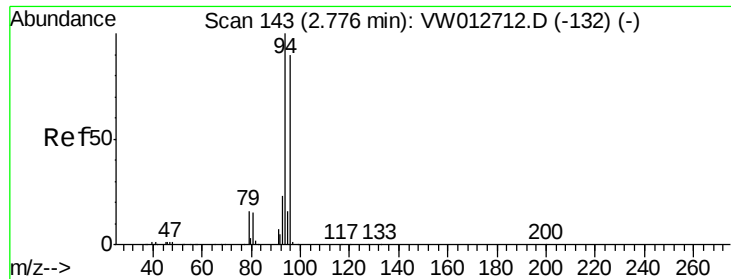
Tgt Ion: 62 Resp: 77995

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9





#5

Bromomethane

Concen: 49.500 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 46309

Ion Ratio Lower Upper

94 100

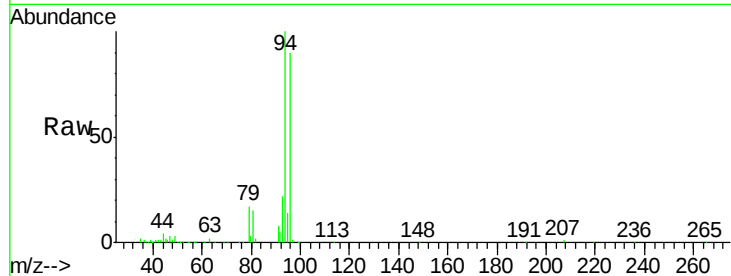
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Manual Integrations

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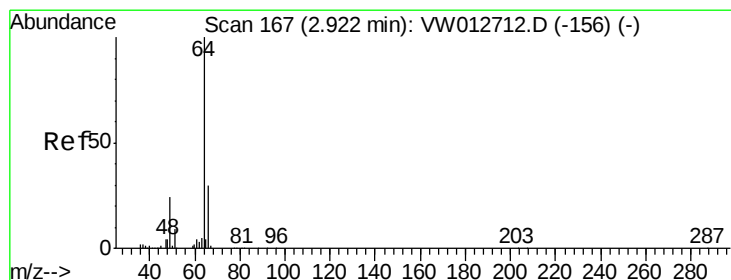
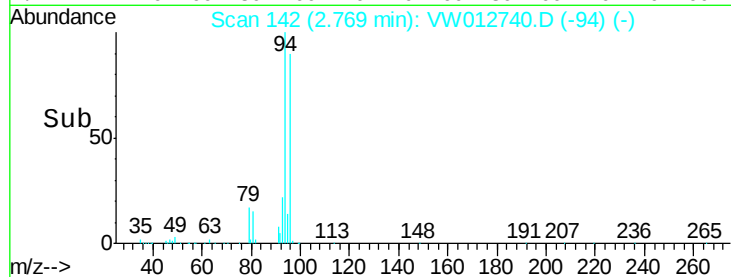
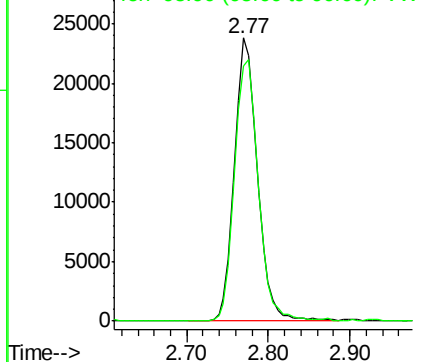
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 47.087 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW012740.D

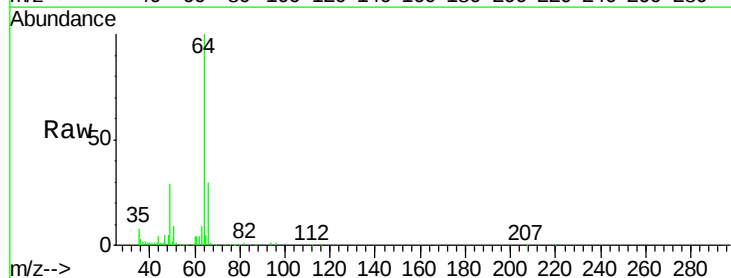
Acq: 08 Sep 2019 00:11

Tgt Ion: 64 Resp: 48410

Ion Ratio Lower Upper

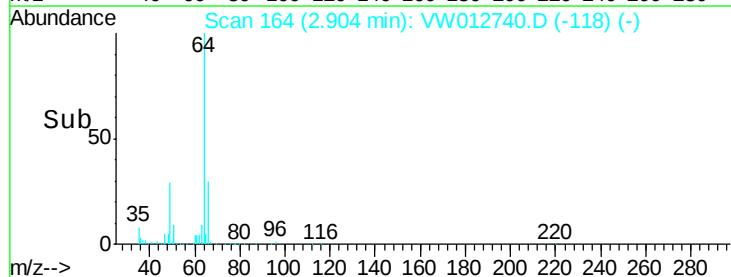
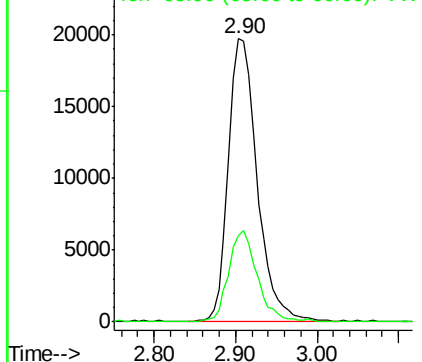
64 100

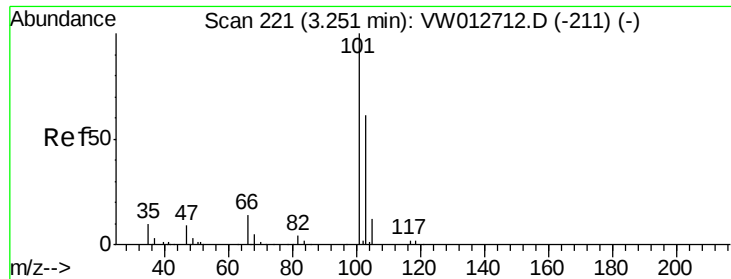
66 30.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

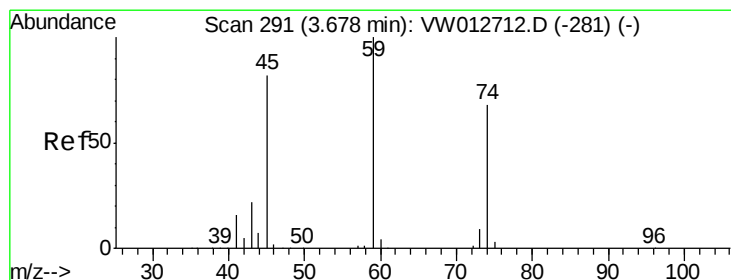
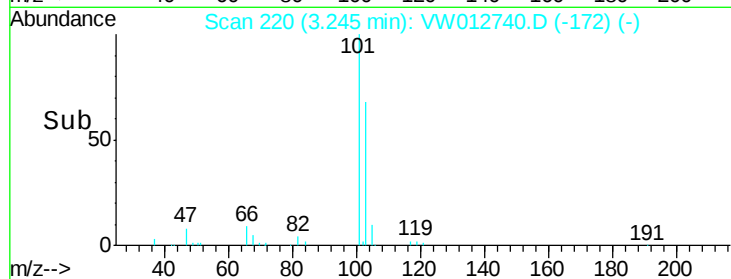
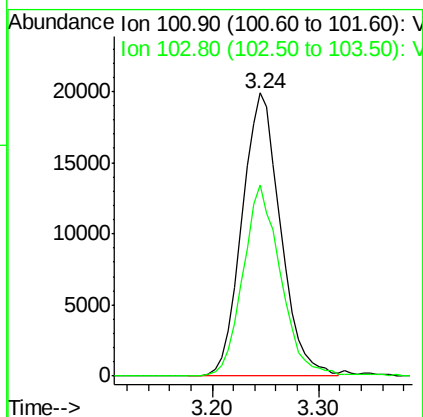
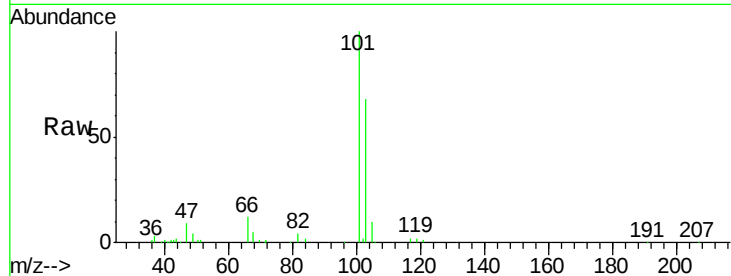
Trichlorofluoromethane
 Concen: 42.568 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.7	49.0	73.4

Manual Integrations
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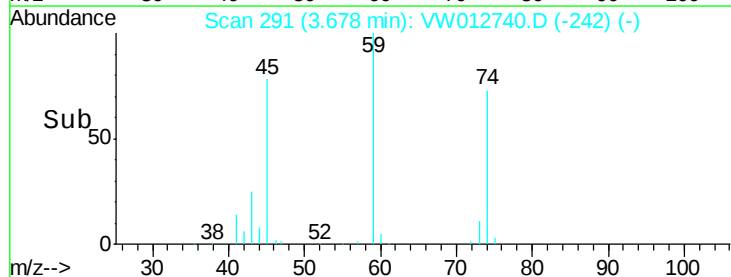
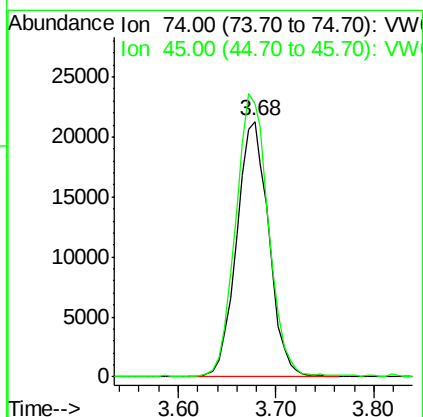
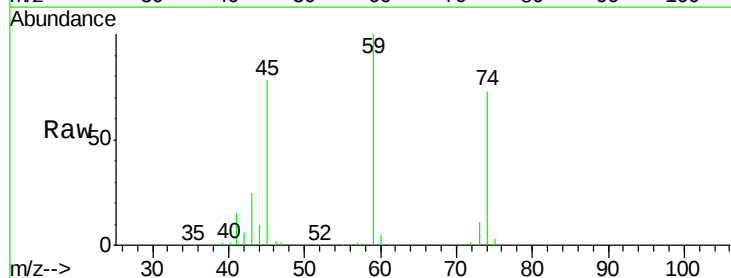
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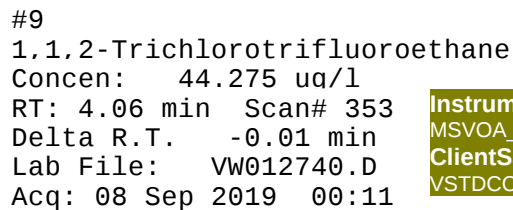


#8

Diethyl Ether
 Concen: 48.514 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.1	58.8	176.4



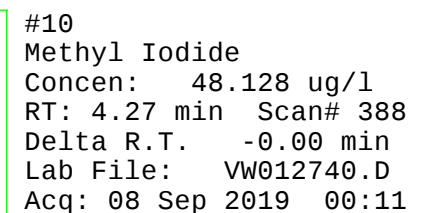
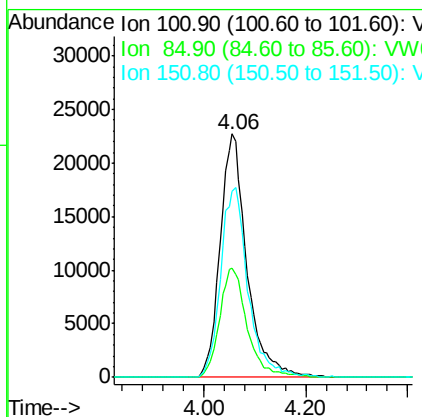


Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

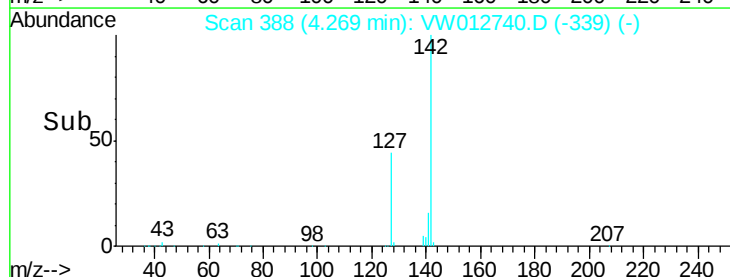
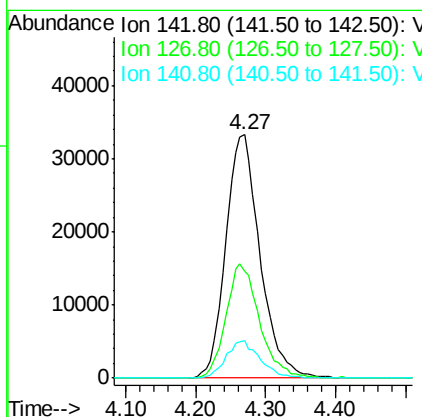
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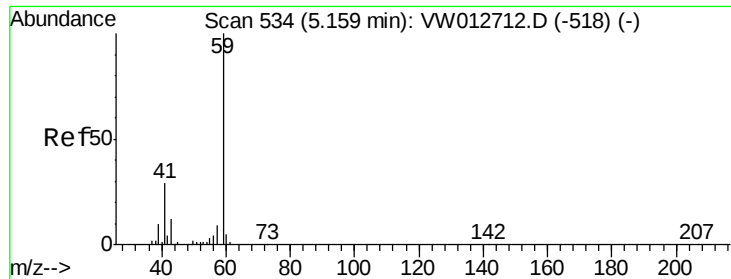
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9/10/2019 1:03:05 PM

Tqt	Ion:101	Resp:	82605
Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.2	54.2
151	79.8	61.9	92.9



Tgt	Ion:142	Resp:	113039
Ion	Ratio	Lower	Upper
142	100		
127	46.0	36.0	54.0
141	15.3	12.2	18.4





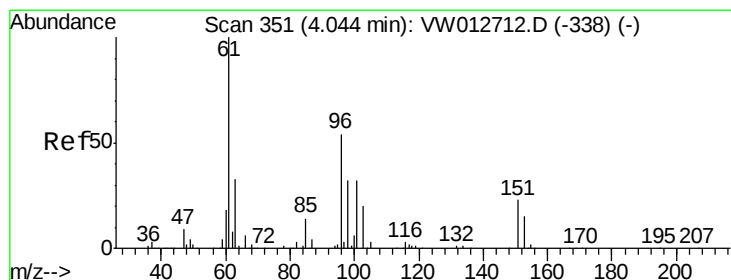
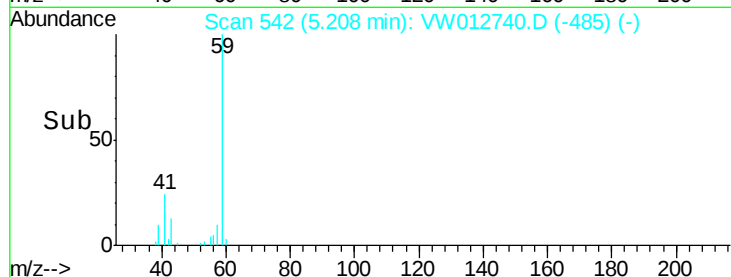
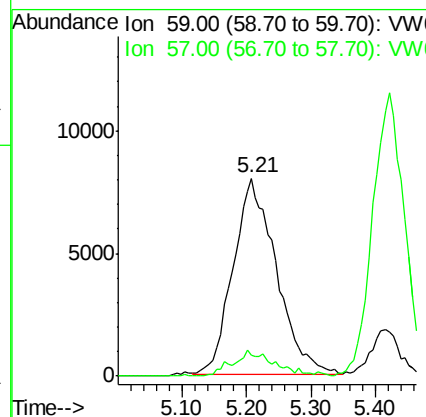
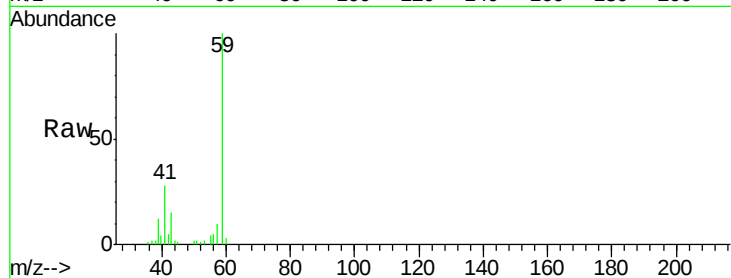
#11
Tert butyl alcohol
Concen: 202.529 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.05 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 36925
Ion Ratio Lower Upper
59 100
57 11.8 8.2 12.4

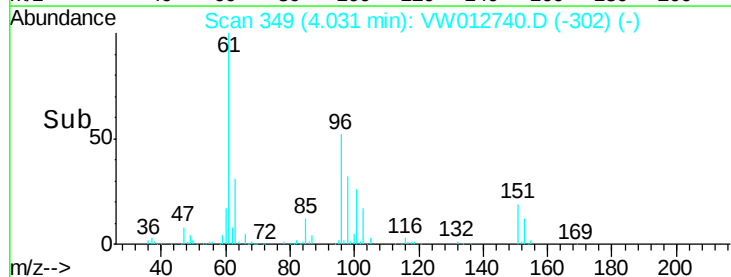
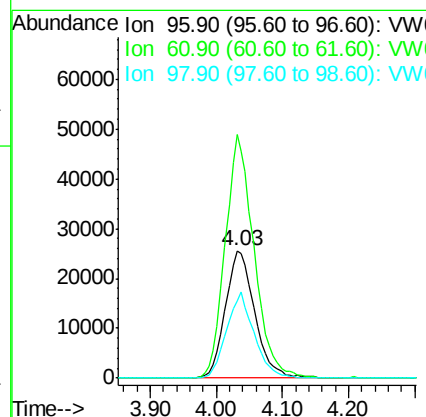
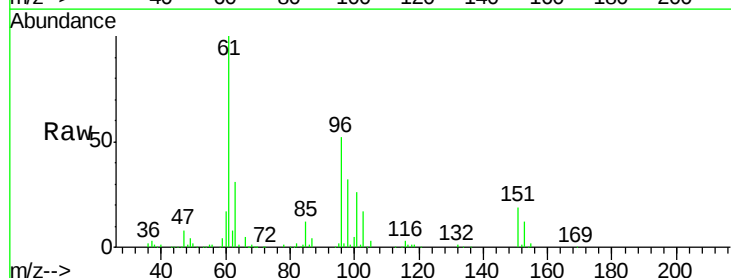
Manual Integrations
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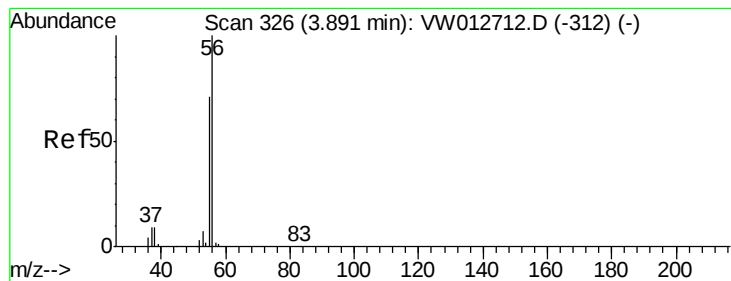
MMDadoda
9/10/2019 1:03:05 PM



#12
1,1-Dichloroethene
Concen: 44.639 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion: 96 Resp: 78620
Ion Ratio Lower Upper
96 100
61 191.2 147.8 221.6
98 60.5 47.9 71.9





#13

Acrolein

Concen: 153.126 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050EC

Tot Ion: 56 Resp: 29626

Ion Ratio Lower Upper

56 100

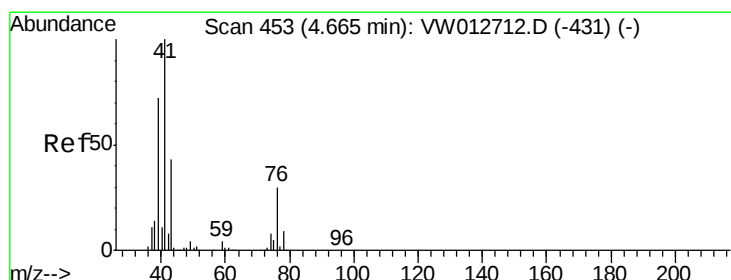
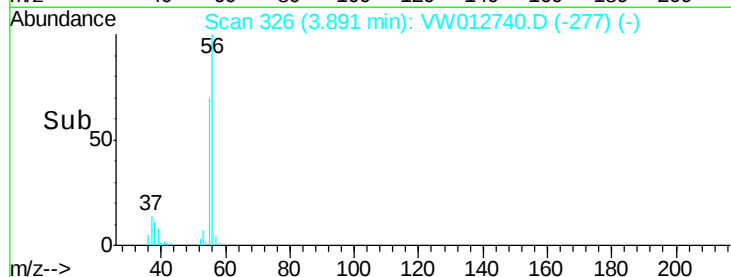
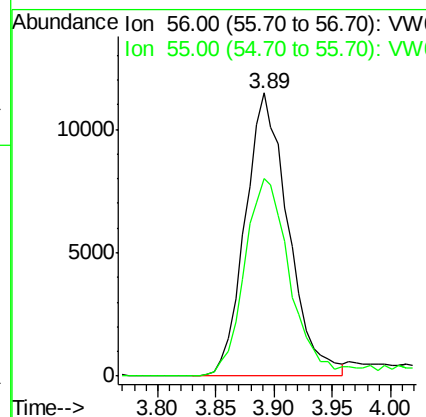
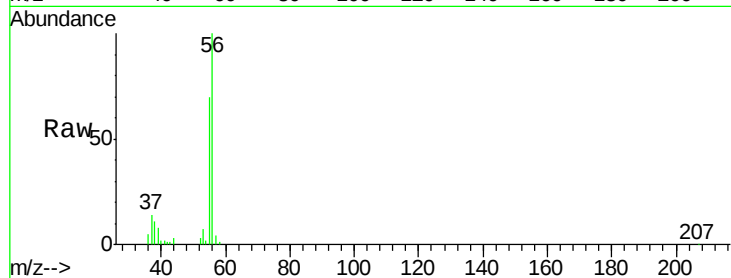
55 72.9 56.9 85.3

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9/10/2019 1:03:05 PM



#14

Allyl chloride

Concen: 44.889 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

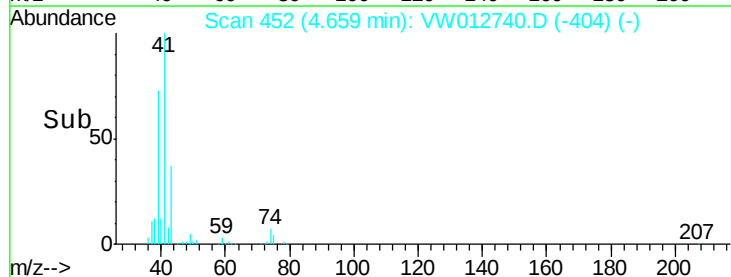
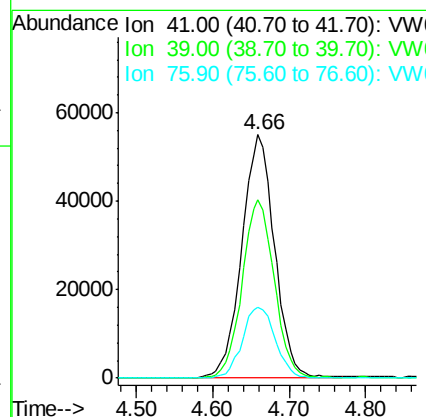
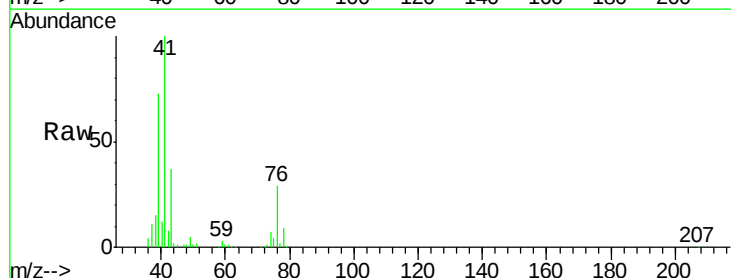
Tgt Ion: 41 Resp: 163546

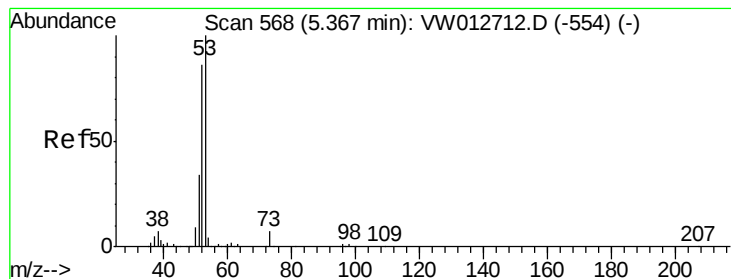
Ion Ratio Lower Upper

41 100

39 72.0 55.0 82.6

76 29.3 23.0 34.4





#15

Acrylonitrile

Concen: 220.750 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

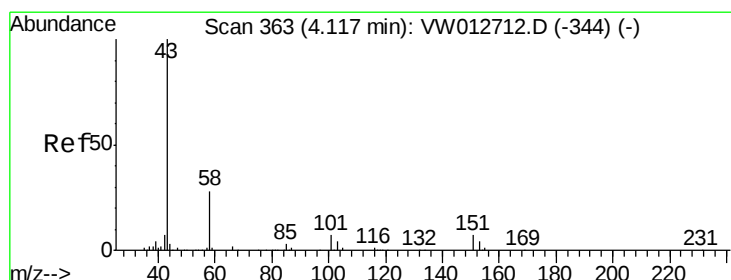
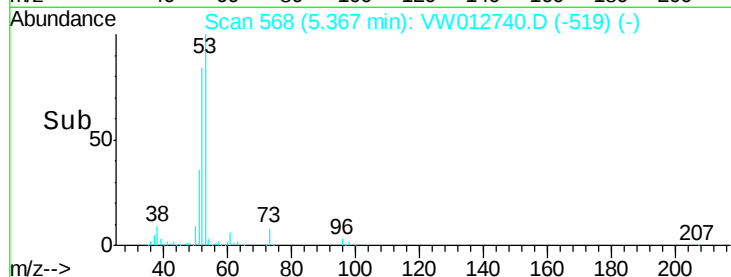
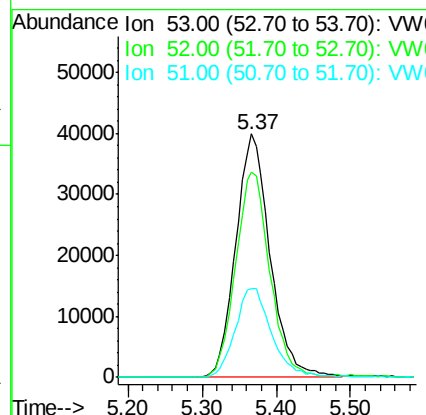
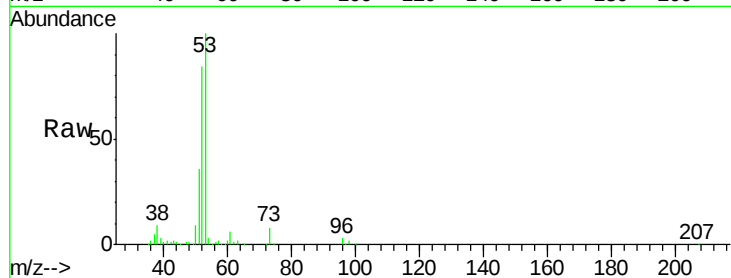
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	128836
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.0	100.4
51	38.5	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 170.402 ug/l

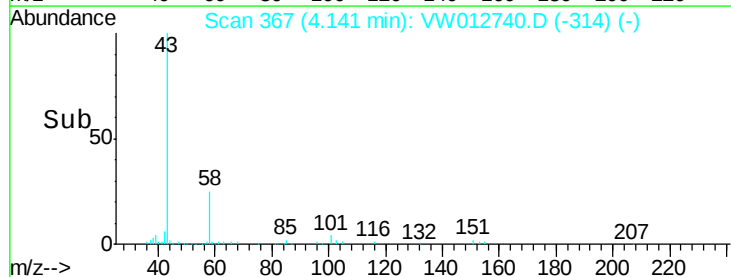
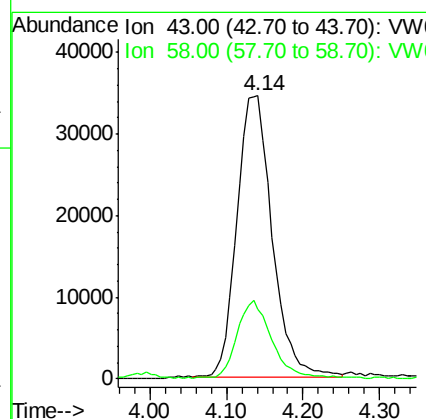
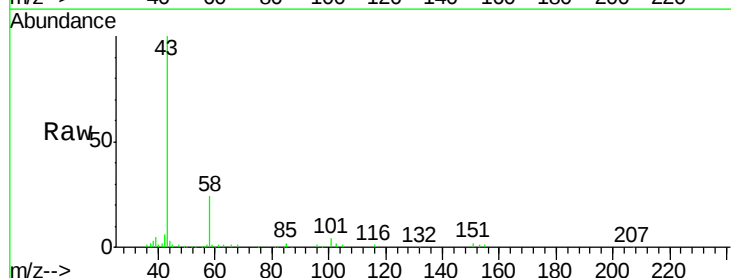
RT: 4.14 min Scan# 367

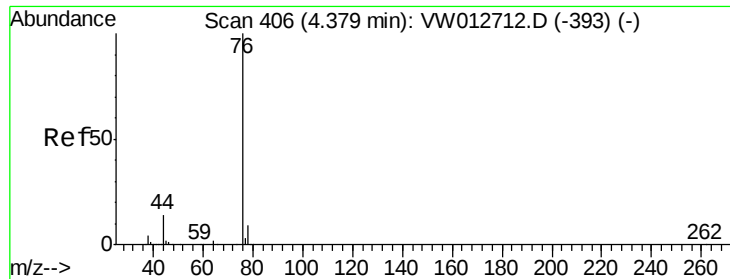
Delta R.T. 0.02 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Tgt Ion:	43	Resp:	110699
Ion	Ratio	Lower	Upper
43	100		
58	24.3	22.6	33.8





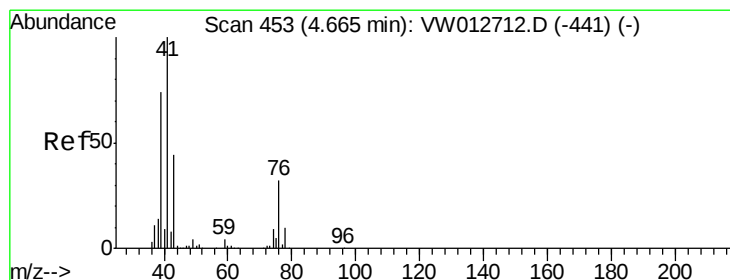
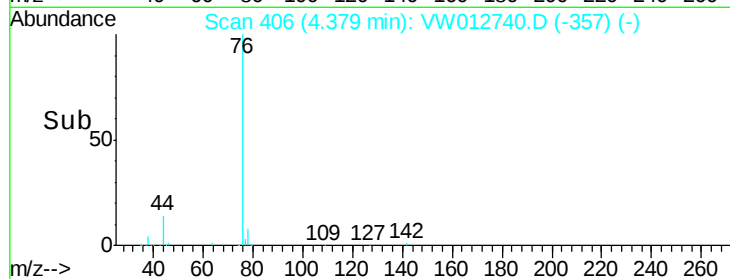
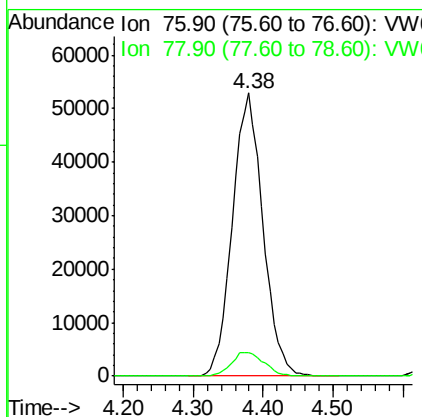
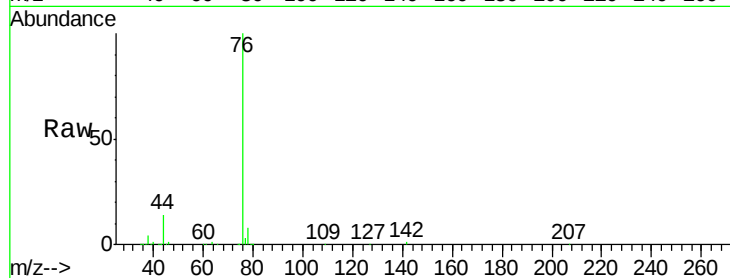
#17
Carbon Disulfide
Concen: 42.880 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.2	10.8

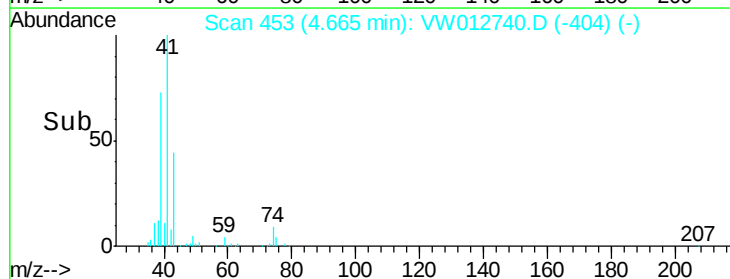
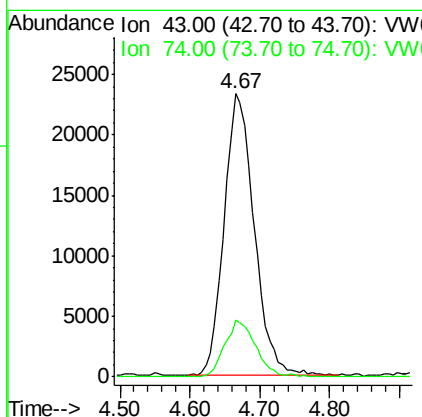
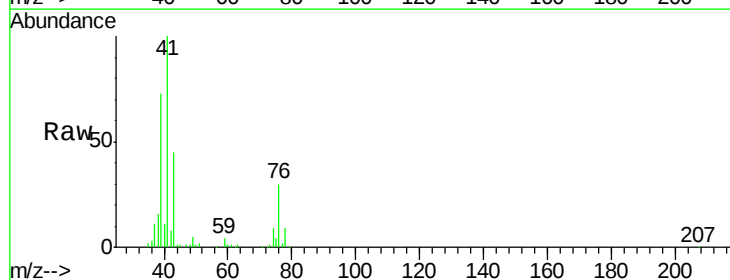
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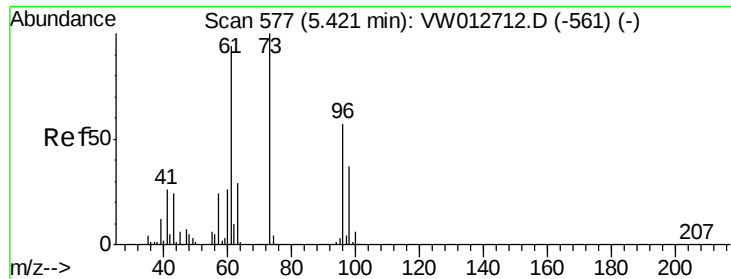
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9/10/2019 1:03:05 PM



#18
Methyl Acetate
Concen: 45.867 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	15.8	23.6





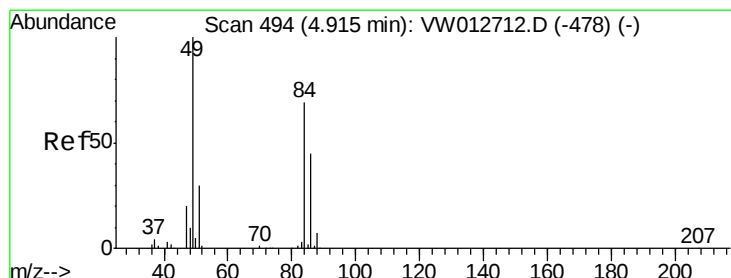
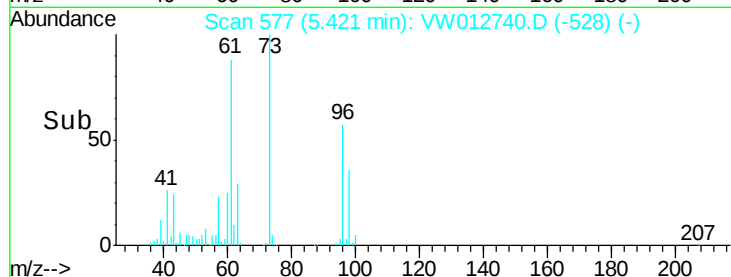
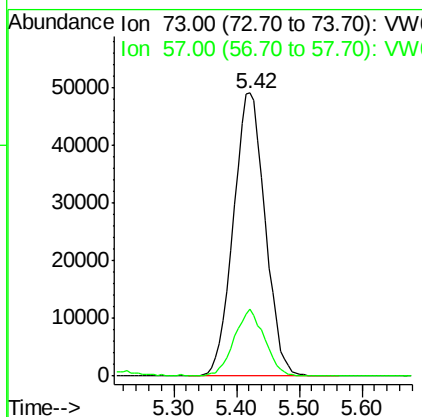
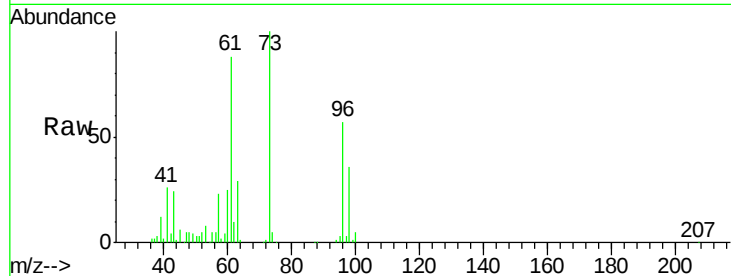
#19
Methvl tert-butvl Ether
Concen: 49.206 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 171872
Ion Ratio Lower Upper
73 100
57 23.5 19.2 28.8

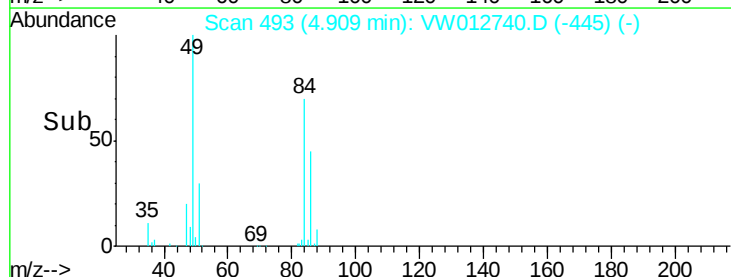
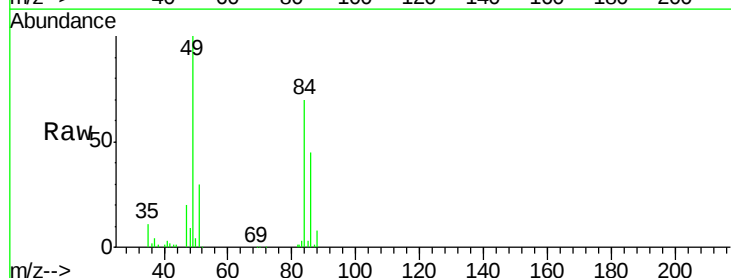
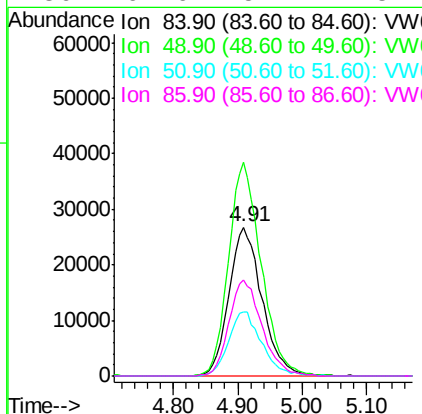
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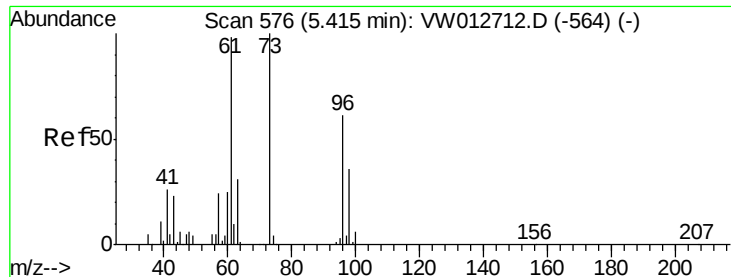
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9/10/2019 1:03:05 PM



#20
Methylene Chloride
Concen: 47.025 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion: 84 Resp: 95573
Ion Ratio Lower Upper
84 100
49 143.6 115.4 173.0
51 43.1 34.9 52.3
86 64.6 52.2 78.4





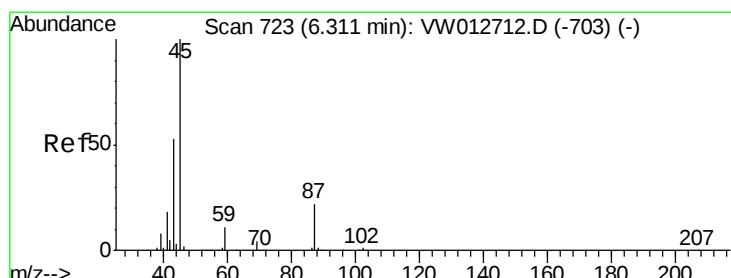
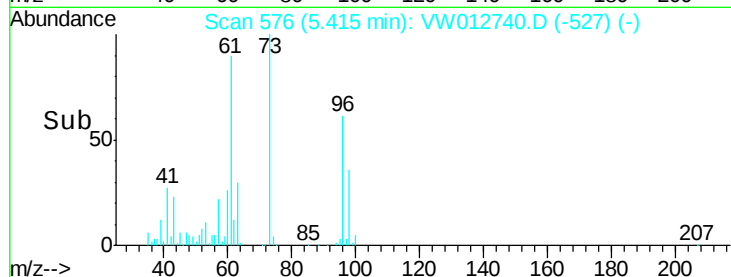
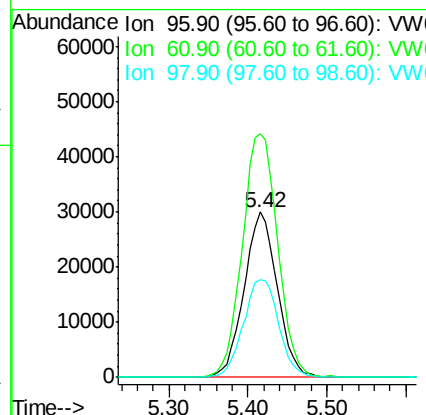
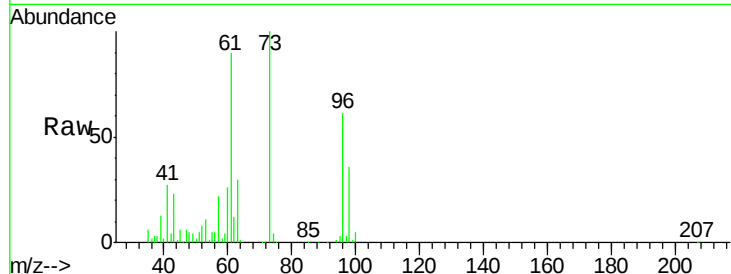
#21
trans-1,2-Dichloroethene
Concen: 48.757 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	129.2	193.8
98	59.2	48.0	72.0

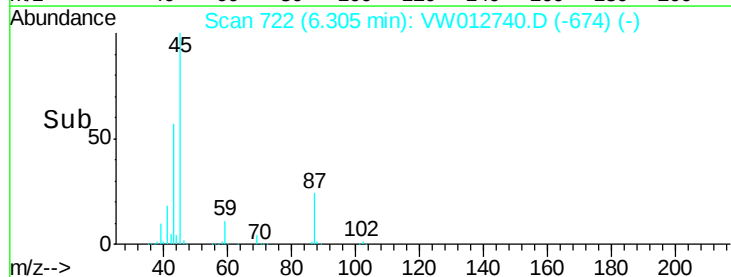
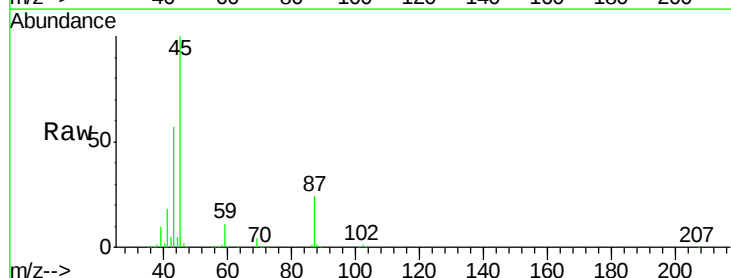
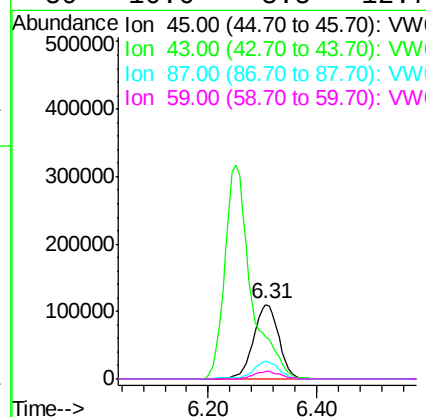
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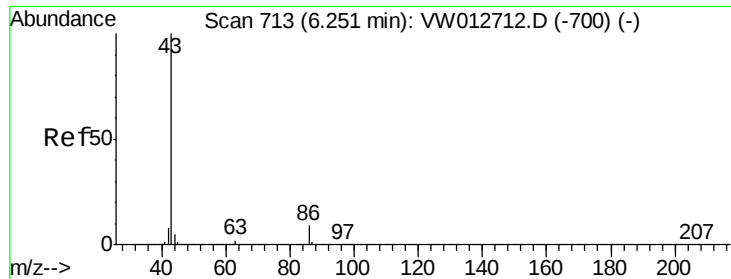
MMDadoda
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#22
Diisopropyl ether
Concen: 49.321 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.4	42.3	63.5
87	23.5	18.2	27.2
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 231.166 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Tot Ion: 43 Resp: 1058628

Ion Ratio Lower Upper

43 100

86 9.0 7.0 10.6

Instrument :

MSVOA_W

ClientSampleId :

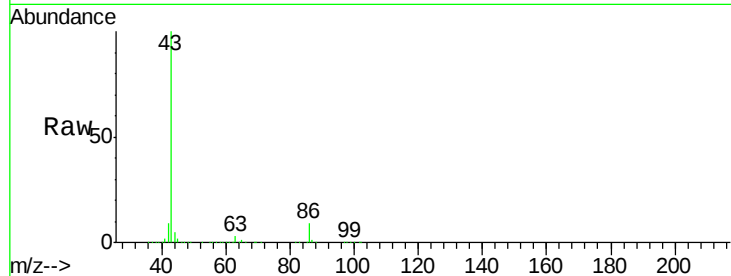
VSTDCCC050EC

Manual Integrations

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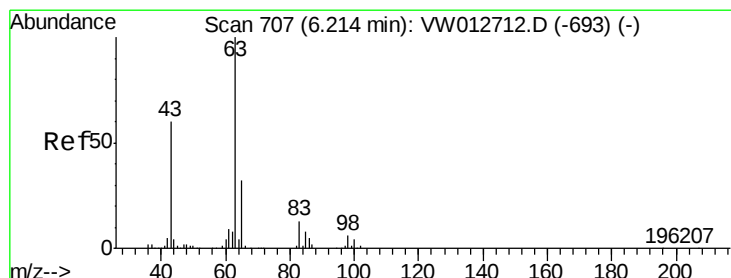
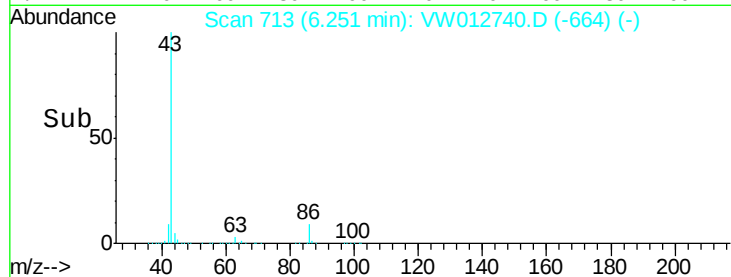
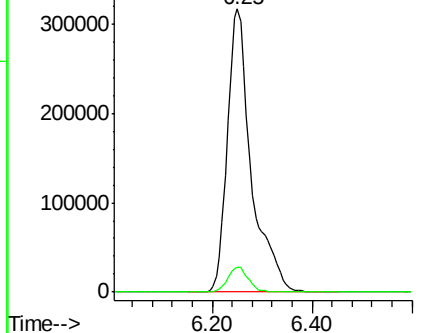
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.210 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

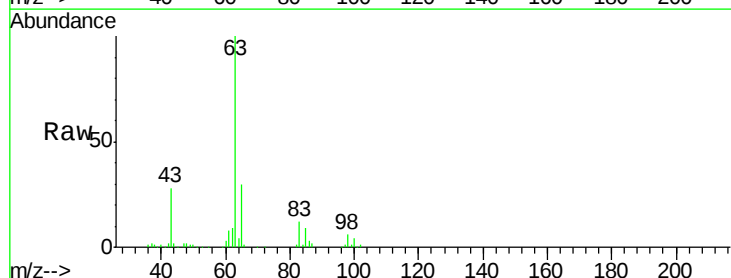
Tgt Ion: 63 Resp: 195357

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

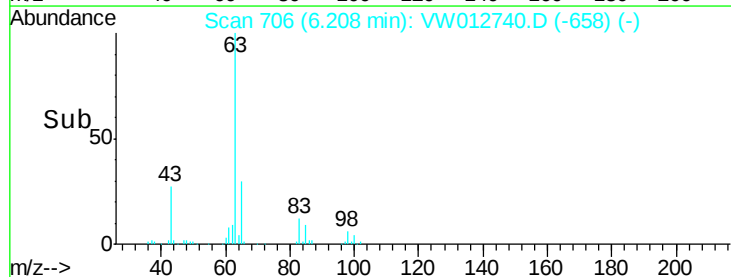
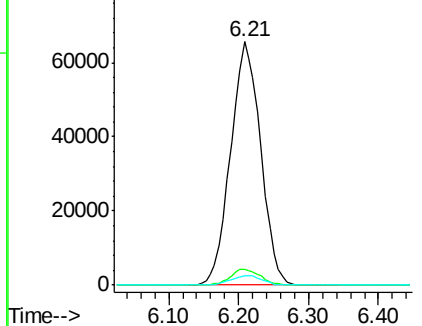
100 4.0 1.8 5.5

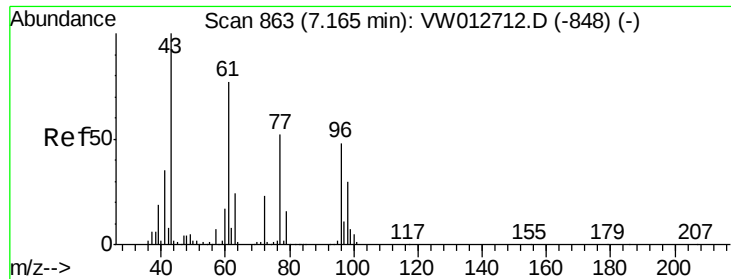


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 184.825 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 171464

Ion Ratio Lower Upper

43 100

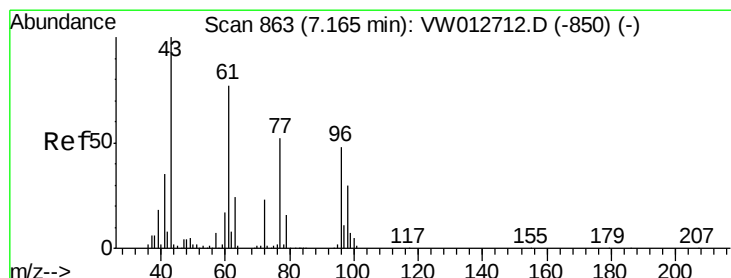
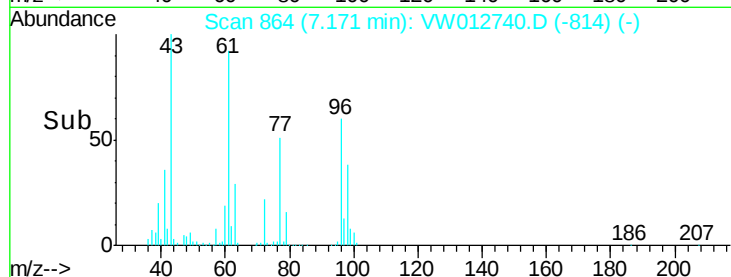
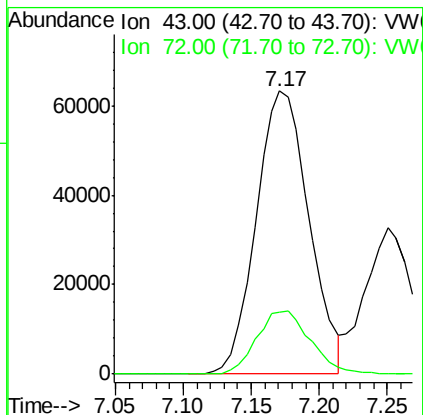
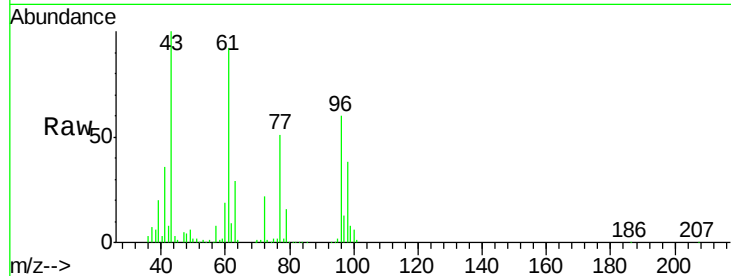
72 21.7 18.0 27.0

Manual Integrations

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9/10/2019 1:03:05 PM



#26

2,2-Dichloropropane

Concen: 42.848 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012740.D

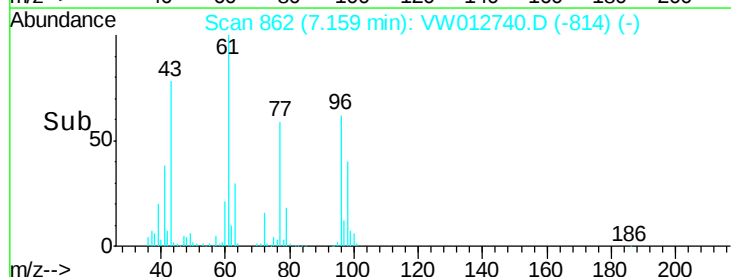
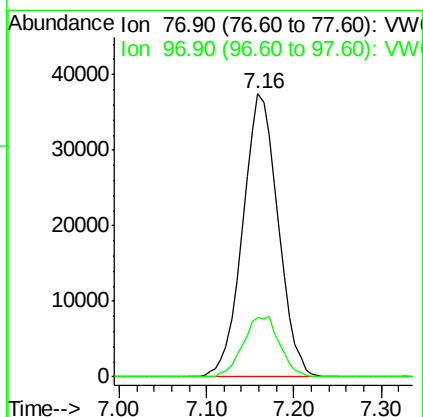
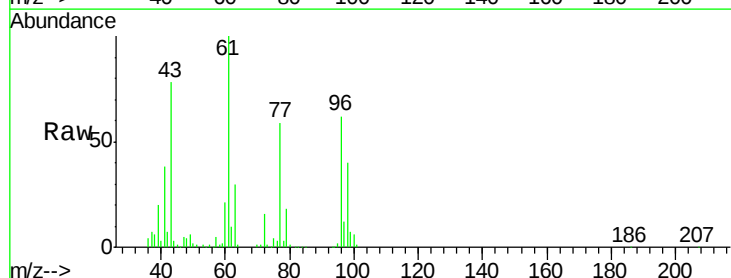
Acq: 08 Sep 2019 00:11

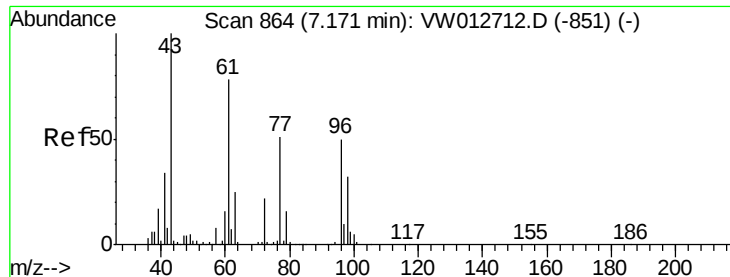
Tgt Ion: 77 Resp: 105296

Ion Ratio Lower Upper

77 100

97 22.2 10.7 32.1





#27

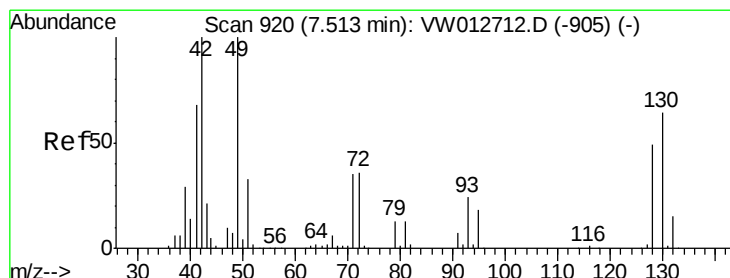
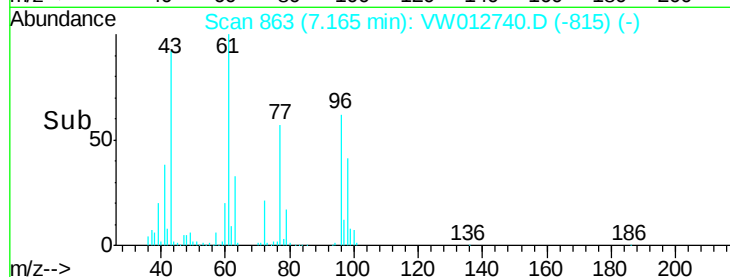
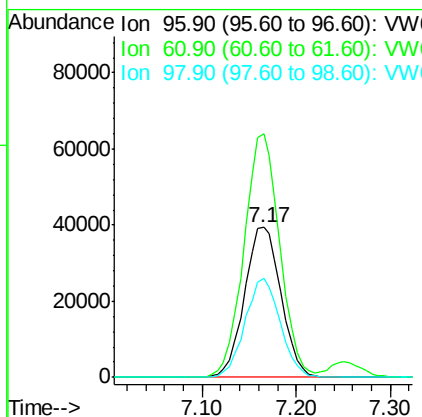
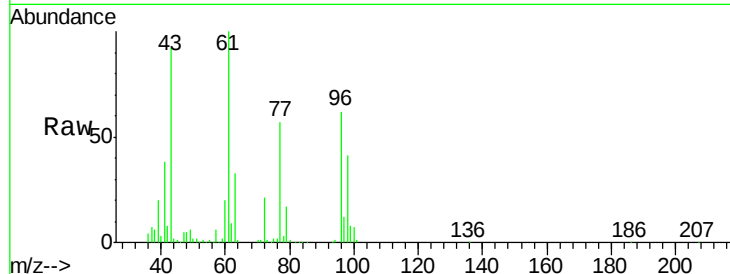
cis-1,2-Dichloroethene
 Concen: 51.525 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.3	0.0	325.8	
98	63.8	0.0	127.0	

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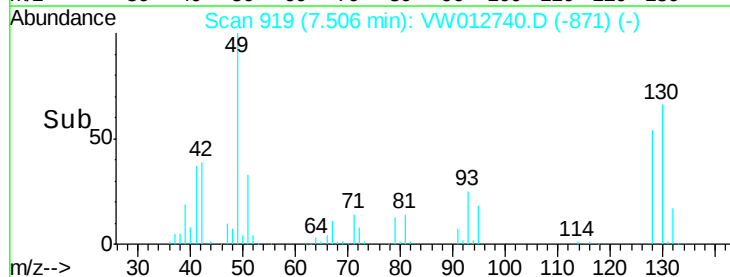
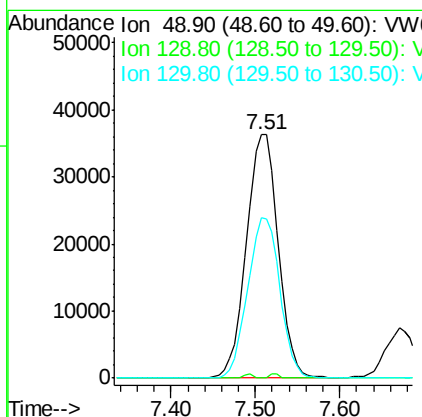
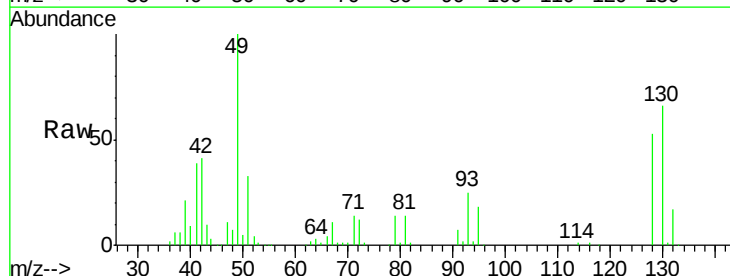
MMDadoda
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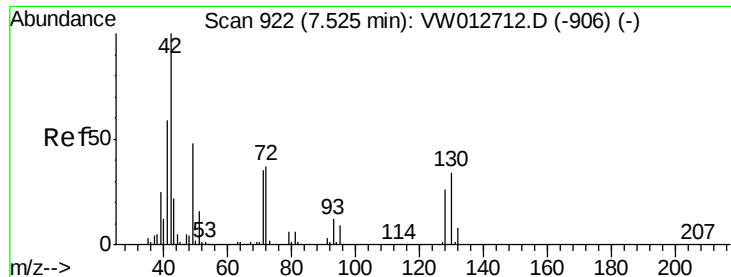


#28

Bromochloromethane
 Concen: 52.012 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.5	0.0	0.8	
130	66.8	49.8	74.8	





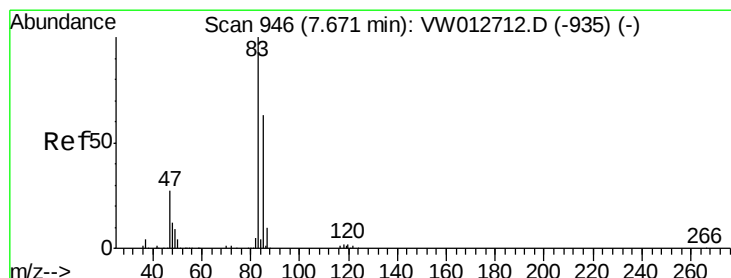
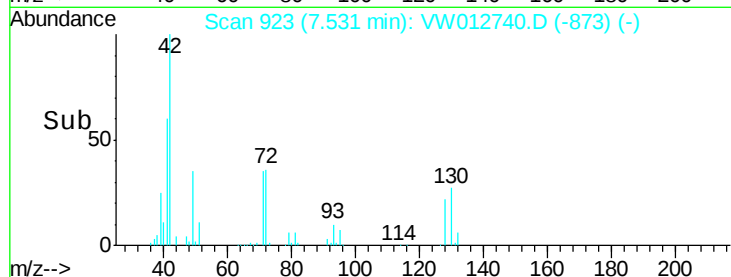
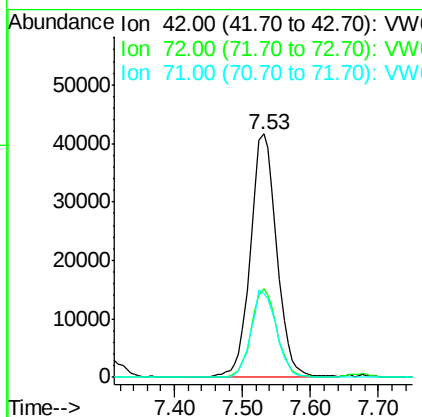
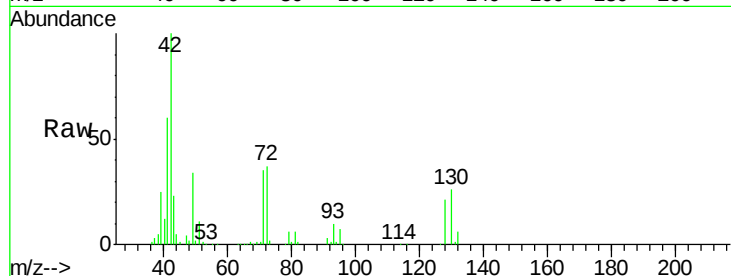
#29
Tetrahydrofuran
Concen: 214.548 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.7	28.4	42.6
71	34.5	27.1	40.7

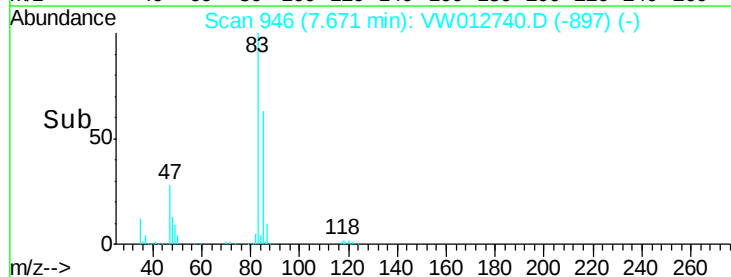
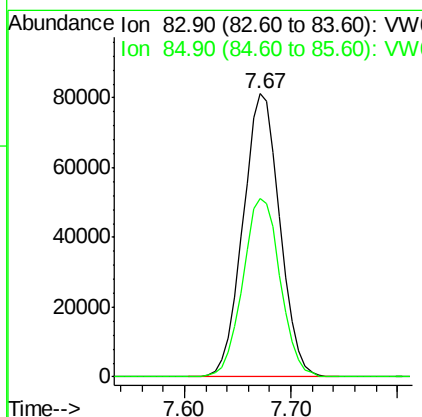
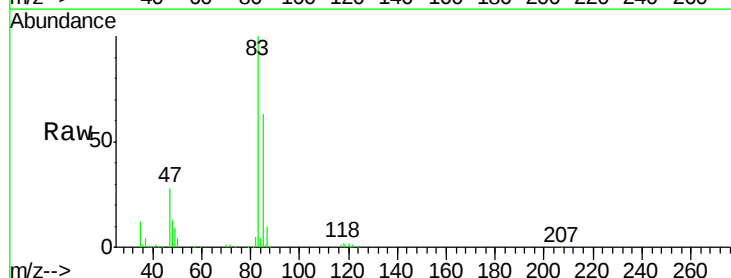
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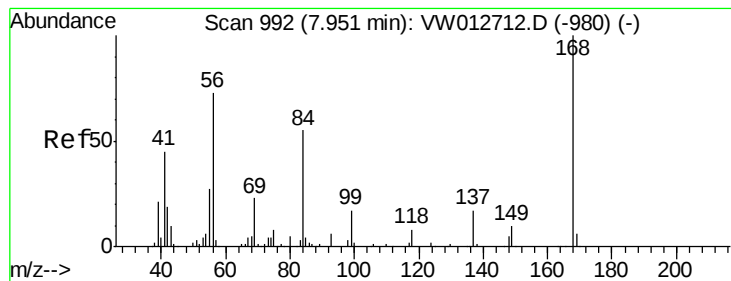
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#30
Chloroform
Concen: 51.166 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.6	76.0





#31

Cyclohexane

Concen: 41.155 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

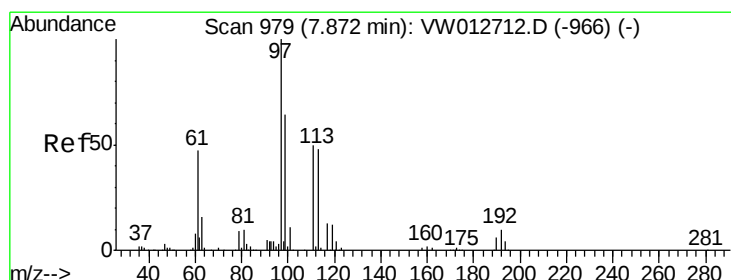
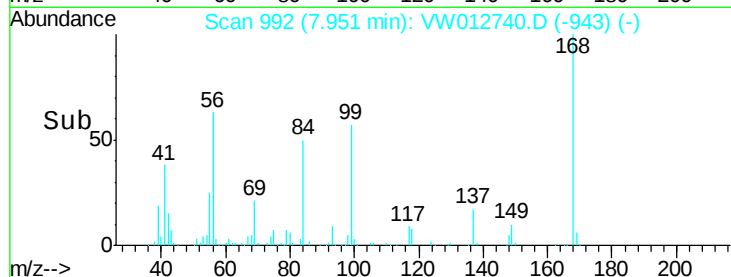
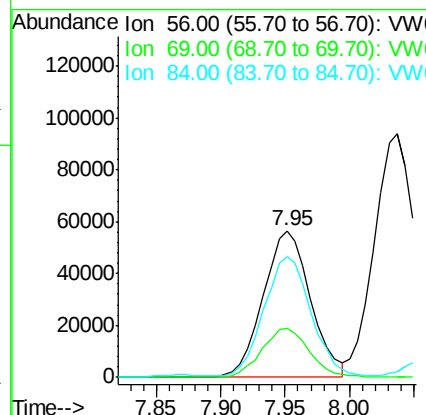
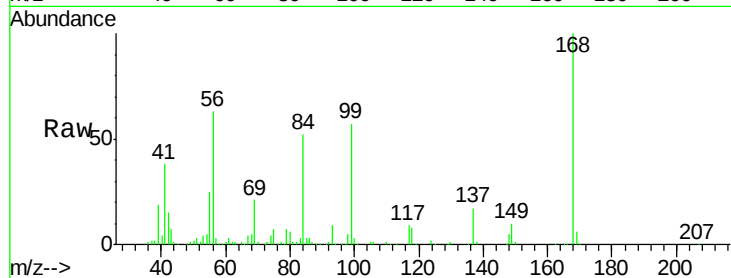
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	144156
Ion Ratio	Lower	Upper	
56	100		
69	33.1	25.7	38.5
84	80.9	60.4	90.6

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#32

1,1,1-Trichloroethane

Concen: 50.135 ug/l

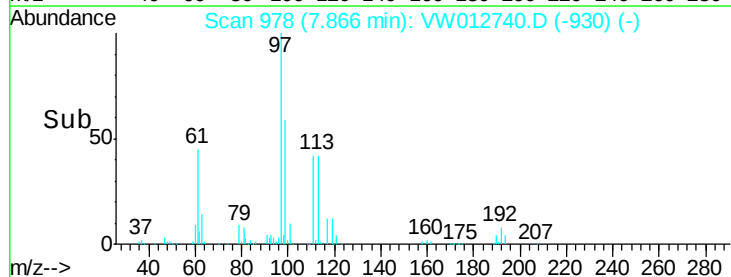
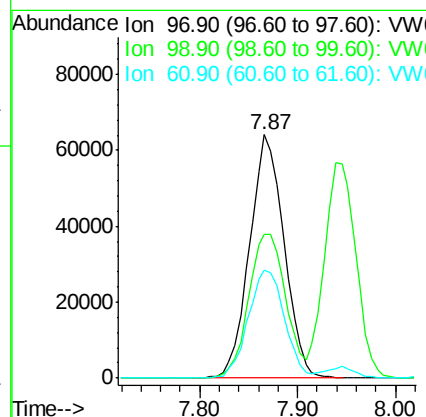
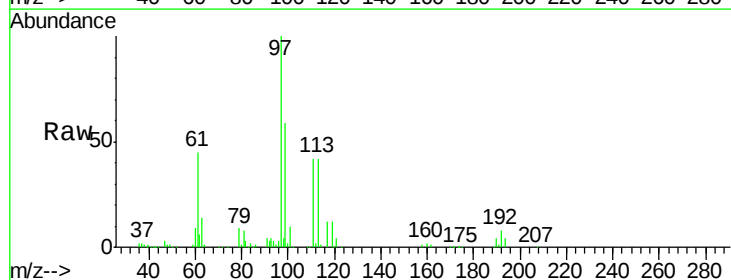
RT: 7.87 min Scan# 978

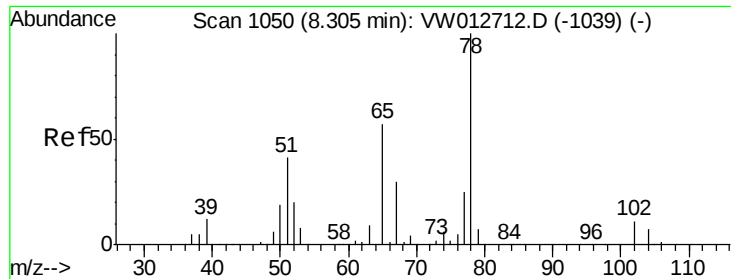
Delta R.T. -0.01 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Tgt Ion:	97	Resp:	156706
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.5	77.3
61	46.7	37.9	56.9





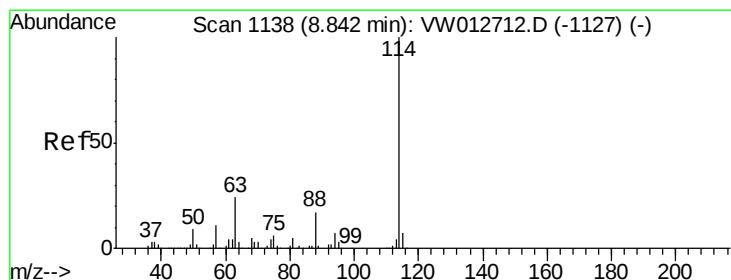
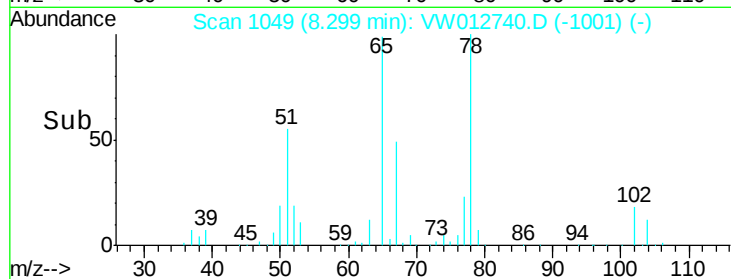
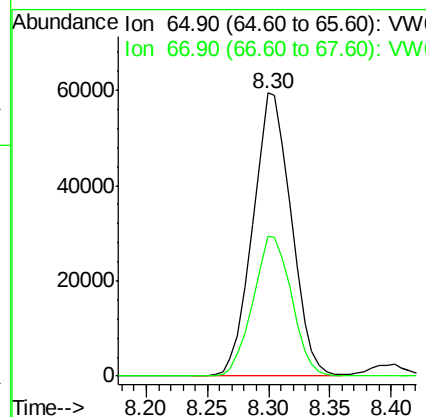
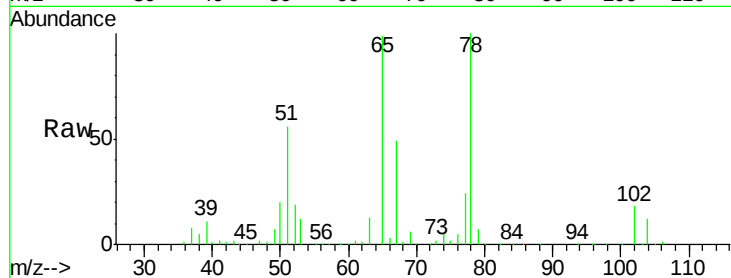
#33
 1,2-Dichloroethane-d4
 Concen: 54.600 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130108		
67	49.8	0.0	101.8	

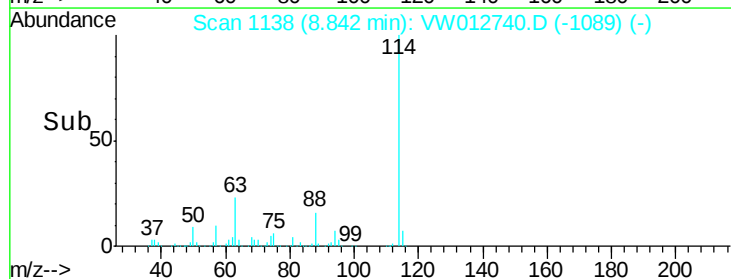
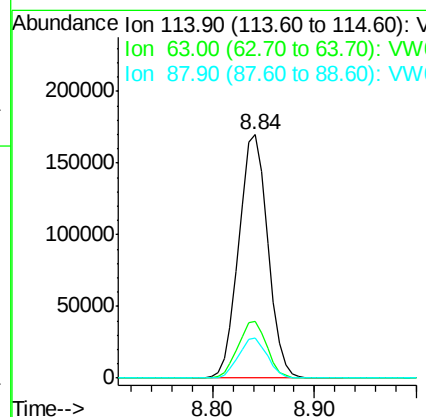
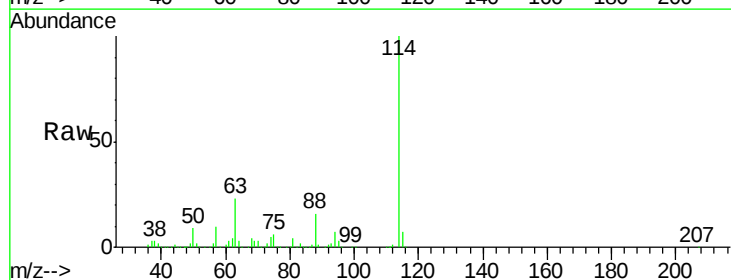
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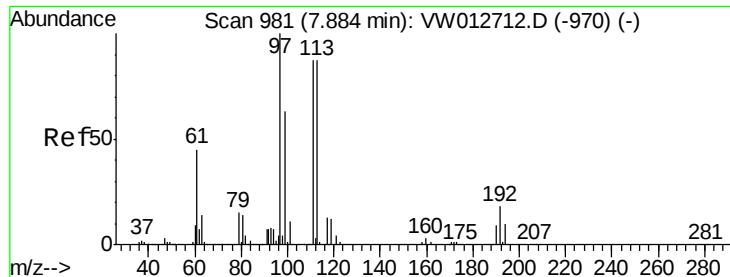
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 9/10/2019 1:03:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	335238		
63	23.3	0.0	47.2	
88	16.3	0.0	34.0	





#35

Dibromofluoromethane

Concen: 50.958 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

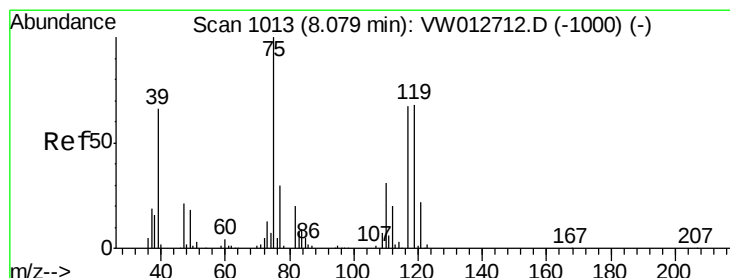
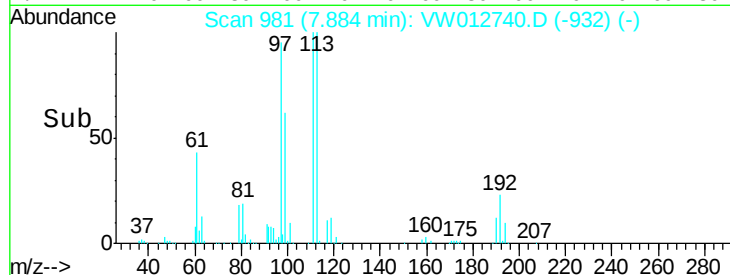
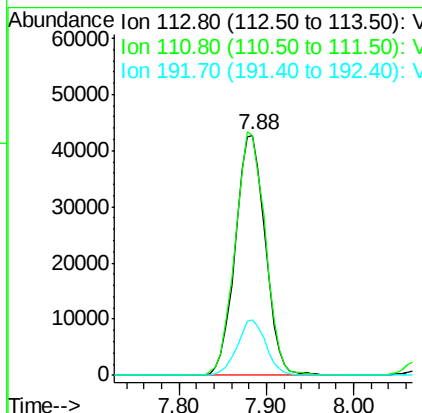
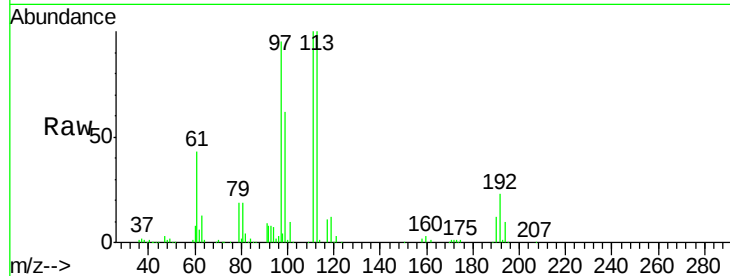
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	101564
Ion Ratio	Lower	Upper	
113	100		
111	102.2	80.2	120.4
192	22.2	17.3	25.9

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#36

1,1-Dichloropropene

Concen: 45.974 ug/l

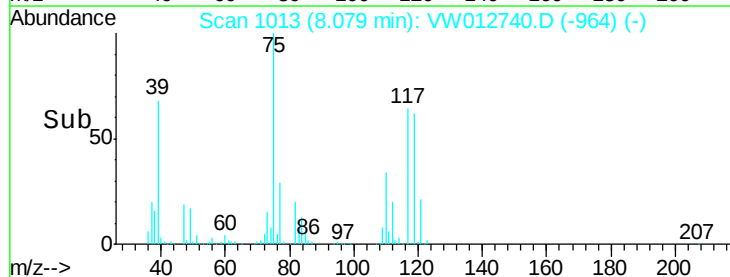
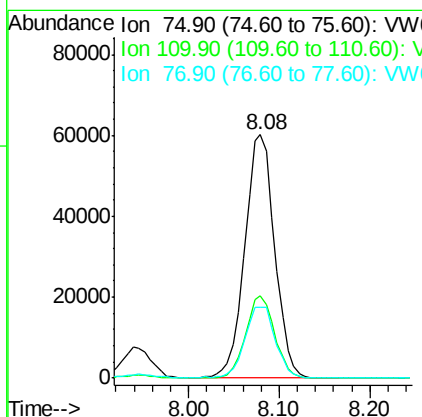
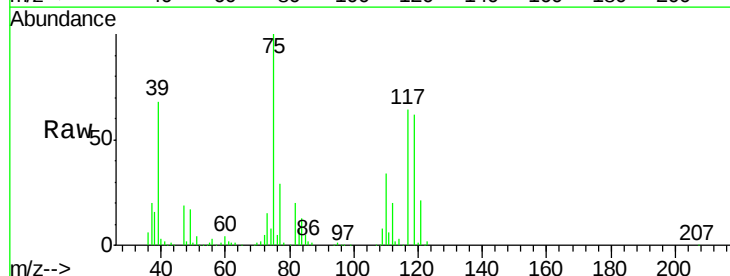
RT: 8.08 min Scan# 1013

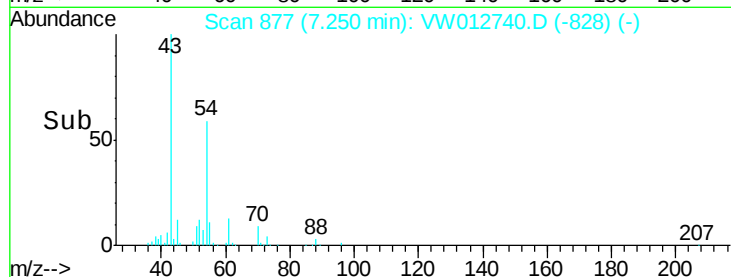
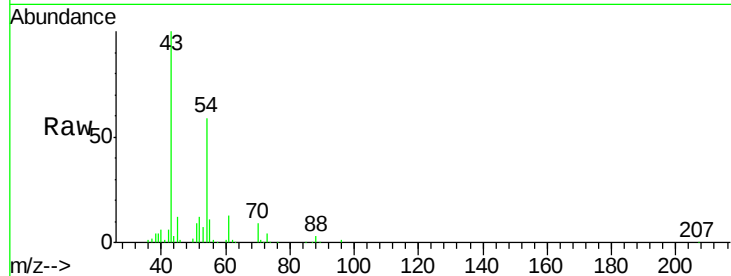
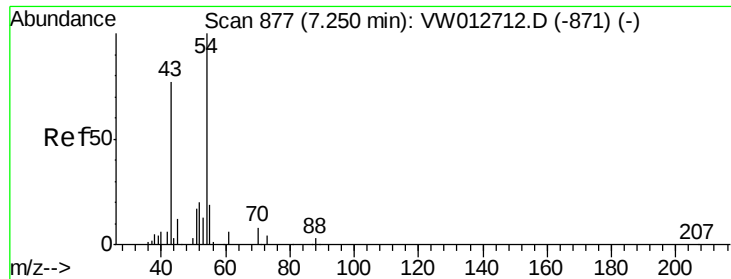
Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Tgt Ion:	75	Resp:	136943
Ion Ratio	Lower	Upper	
75	100		
110	32.6	15.9	47.7
77	30.4	25.0	37.4





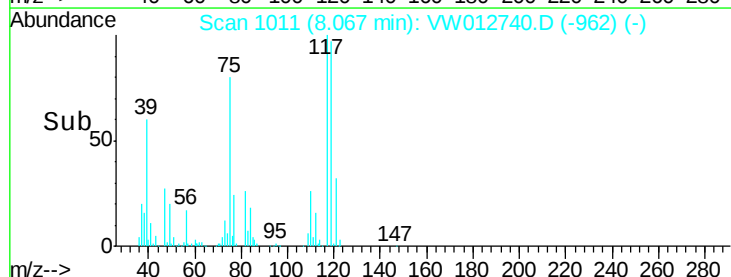
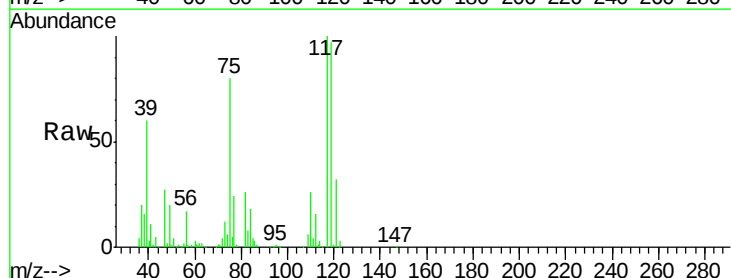
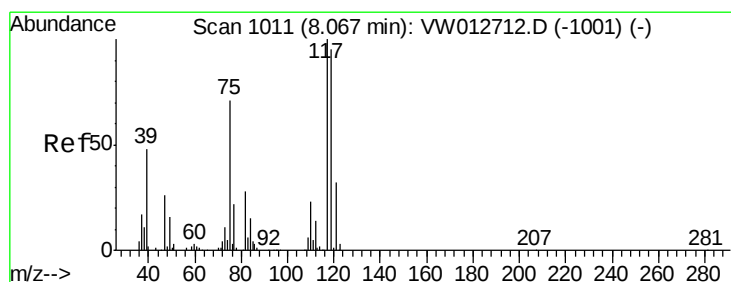
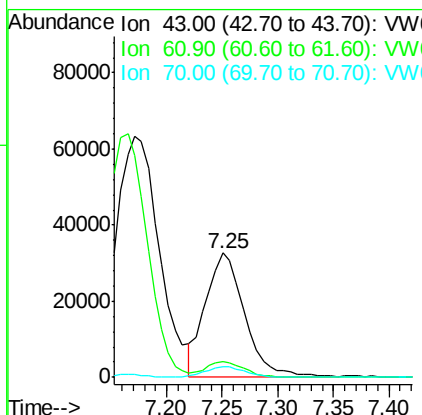
#37
Ethyl Acetate
Concen: 41.624 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.5	14.3
70	9.1	7.0	10.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

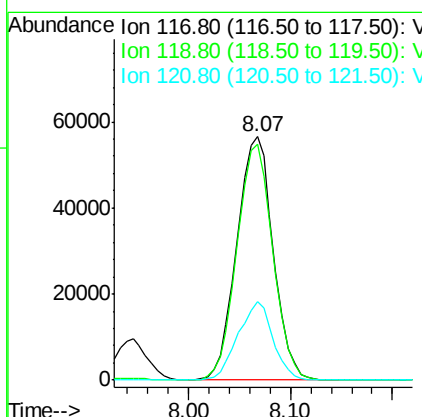
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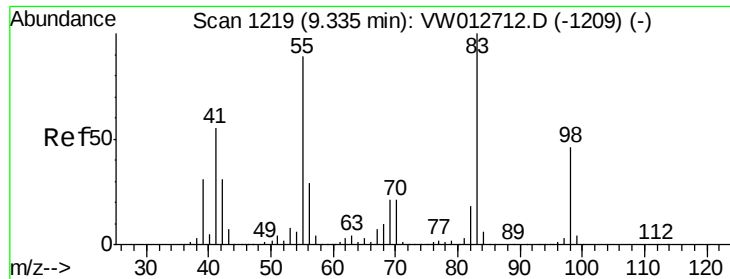
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#38
Carbon Tetrachloride
Concen: 47.641 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.2
121	32.0	25.4	38.2





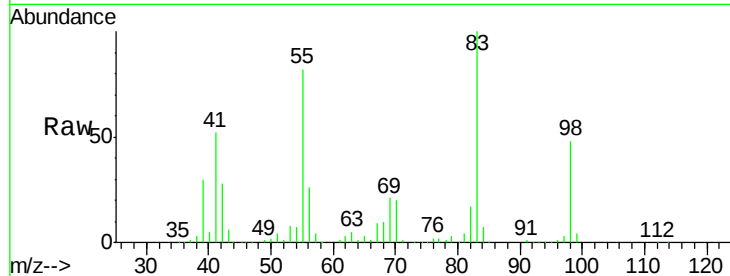
#39
Methvlcvclohexane
Concen: 43.076 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

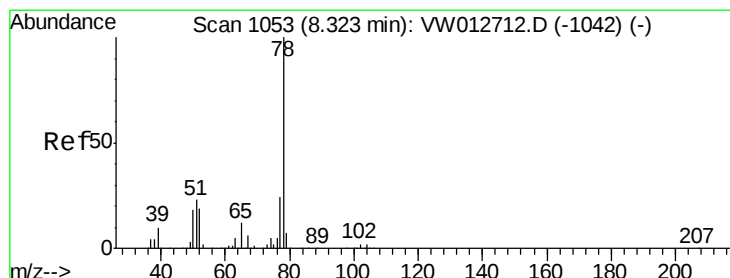
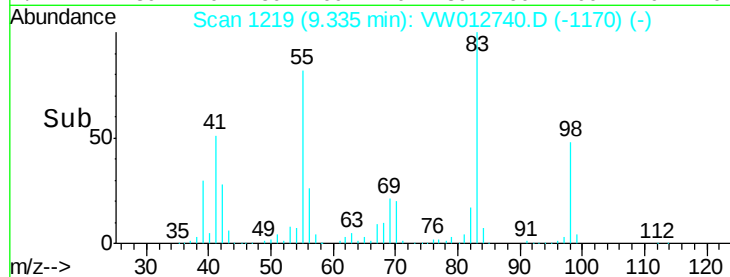
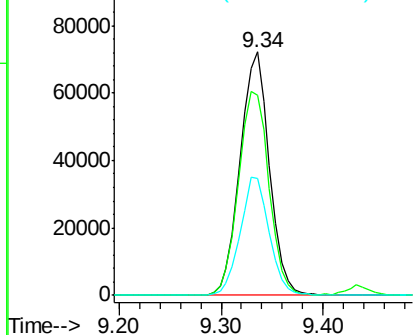
Tot Ion	Ratio	Lower	Upper
83	100		
55	82.4	71.0	106.4
98	47.9	36.9	55.3

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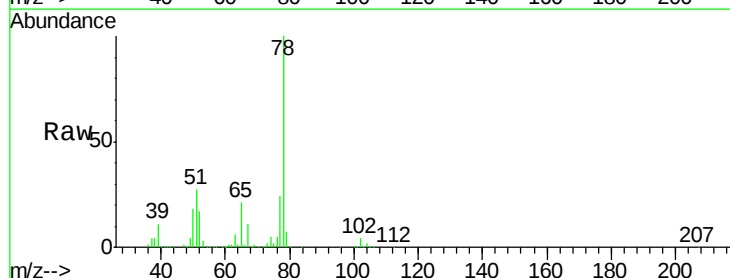


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

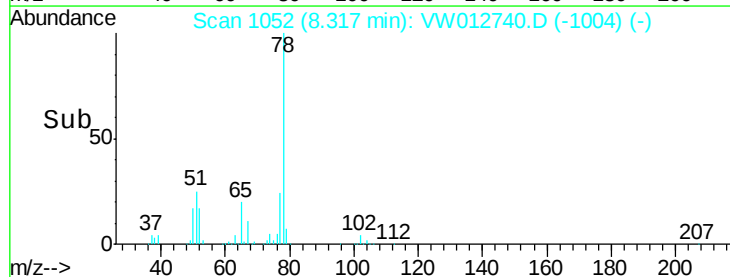
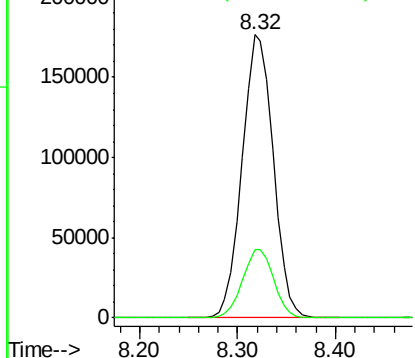


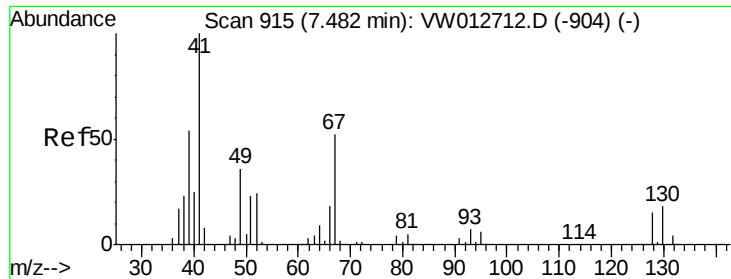
#40
Benzene
Concen: 47.379 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





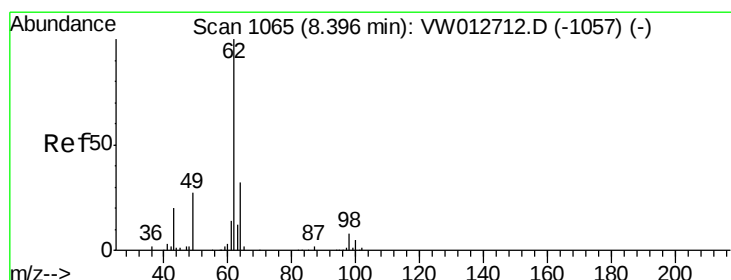
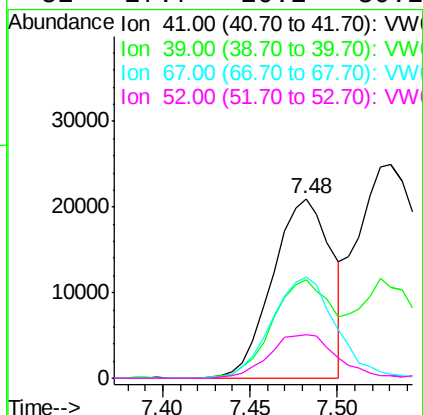
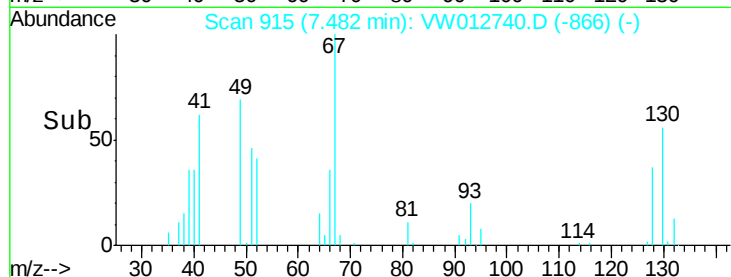
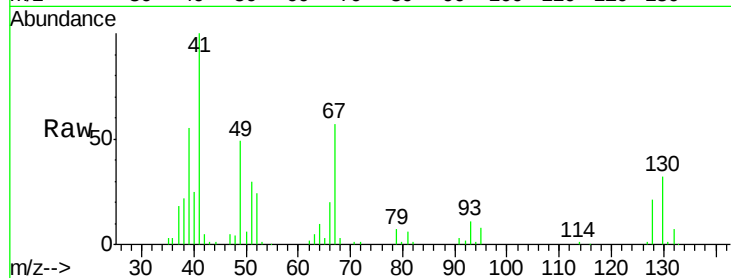
#41
Methacrylonitrile
Concen: 39.110 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	47.5	71.3
67	61.2	45.1	67.7
52	27.7	20.2	30.2

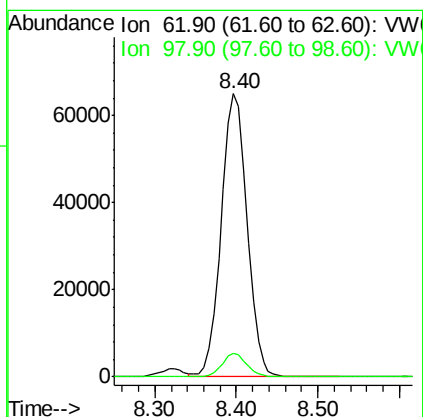
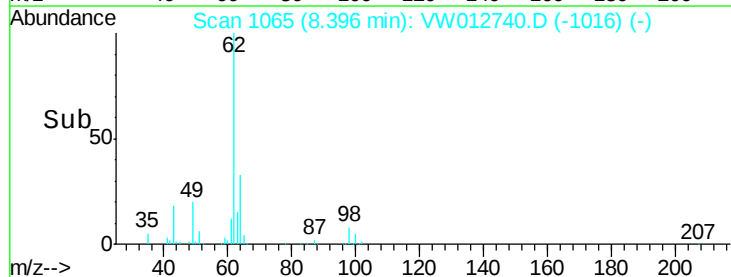
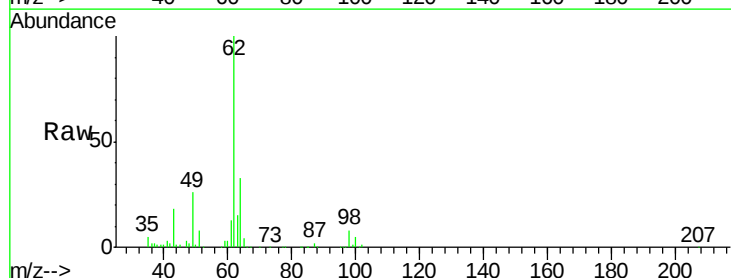
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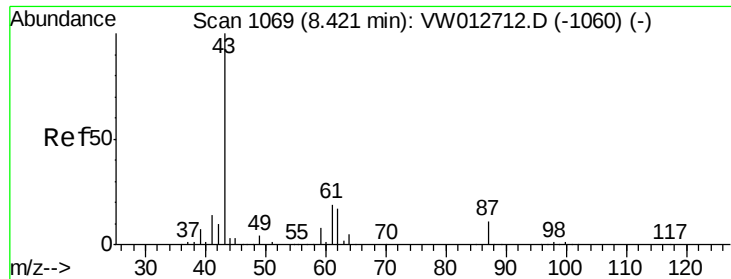
MMDadoda
9/10/2019 1:03:05 PM



#42
1,2-Dichloroethane
Concen: 49.116 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2





#43

Isopropyl Acetate

Concen: 43.624 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

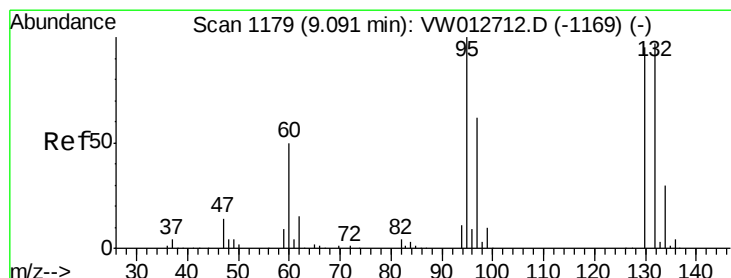
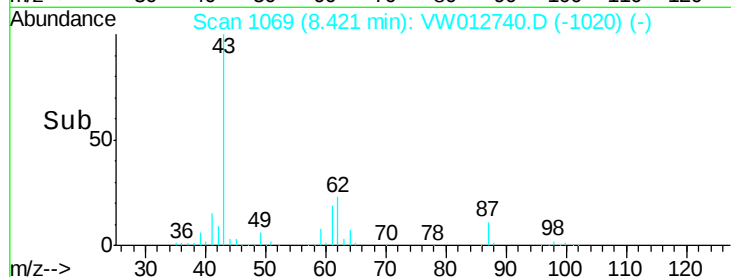
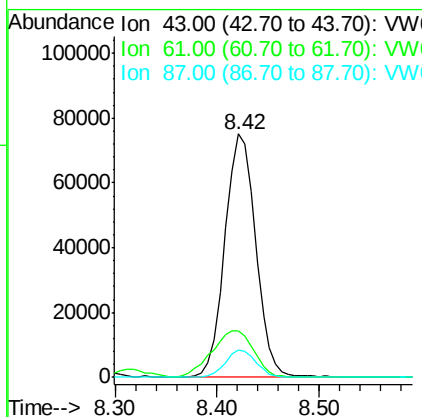
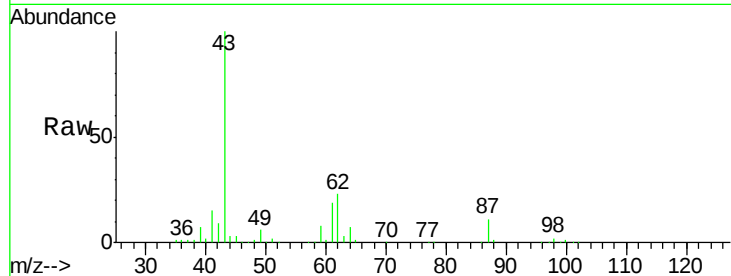
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	156934
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.6	30.8
87	11.2	8.6	13.0

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9/10/2019 1:03:05 PM



#44

Trichloroethene

Concen: 48.411 ug/l

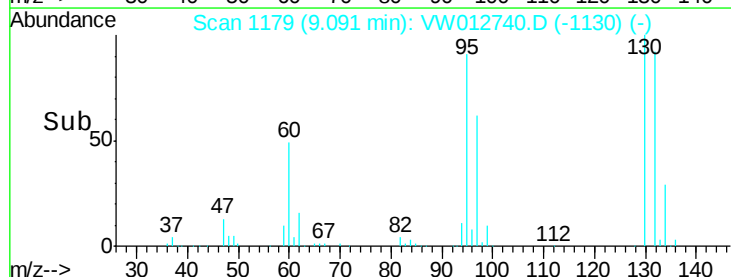
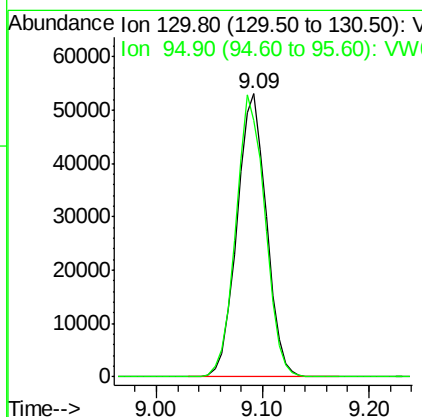
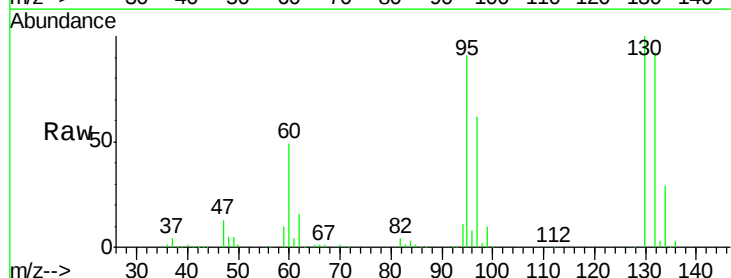
RT: 9.09 min Scan# 1179

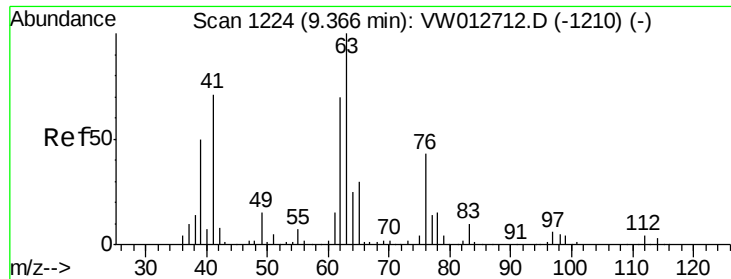
Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Tgt Ion:	130	Resp:	103131
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	210.6





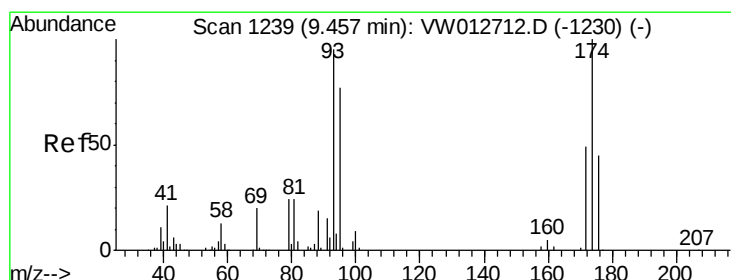
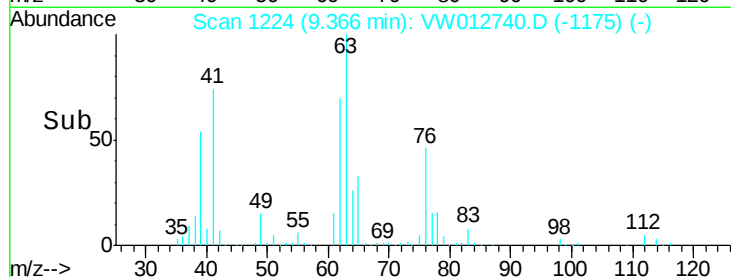
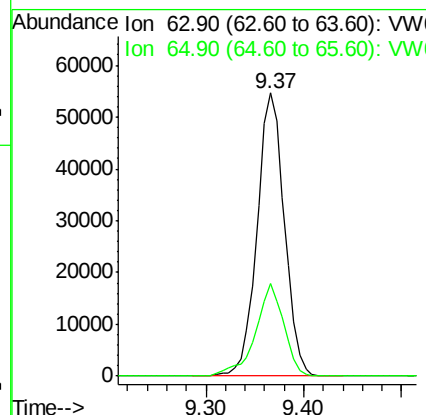
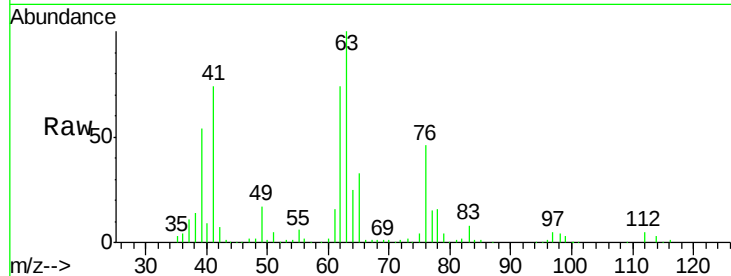
#45
 1,2-Dichloropropane
 Concen: 46.428 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 106419
 Ion Ratio Lower Upper
 63 100
 65 32.7 23.8 35.8

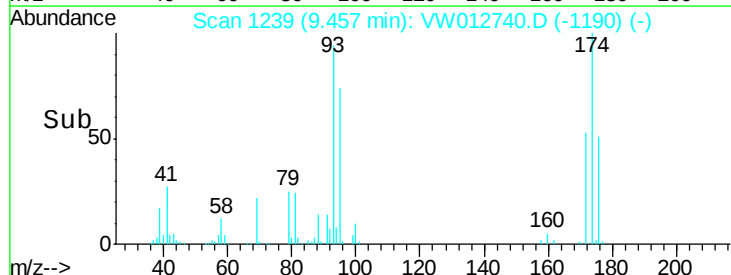
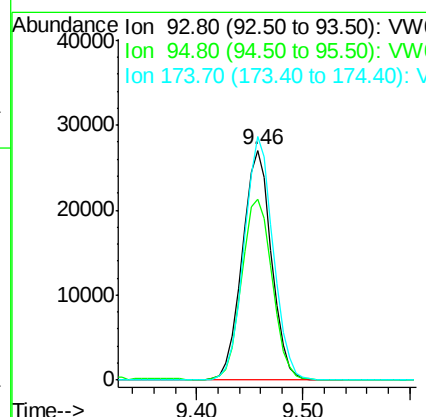
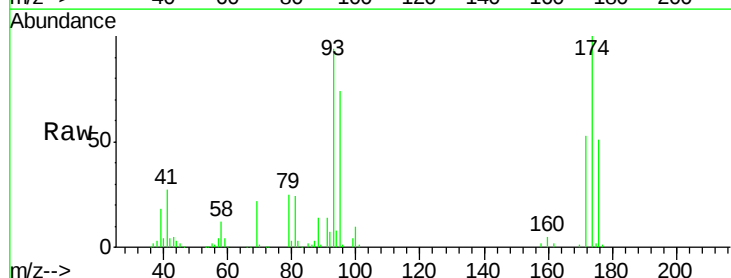
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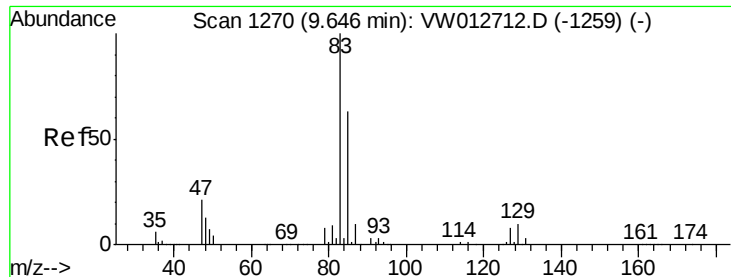
MMDadoda
 9/10/2019 1:03:05 PM



#46
 Dibromomethane
 Concen: 48.026 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion: 93 Resp: 52128
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.2 97.8
 174 105.5 84.2 126.4





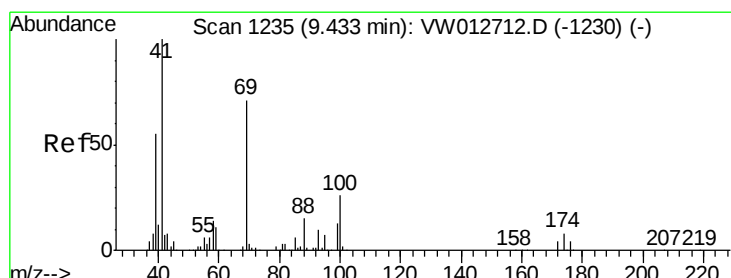
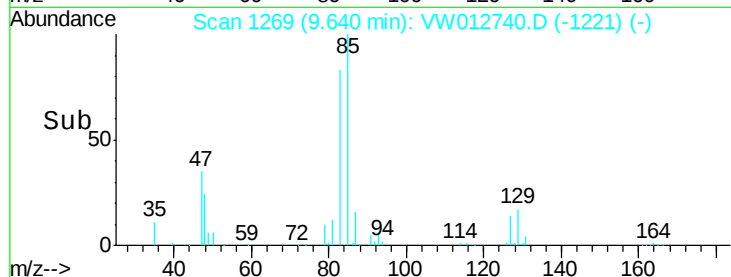
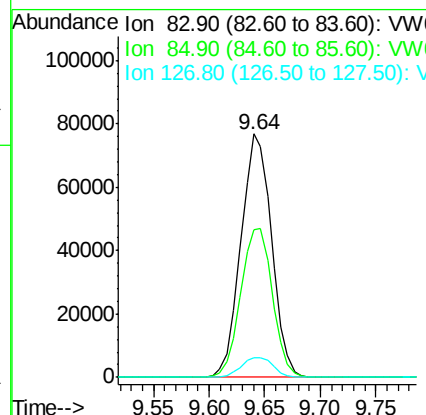
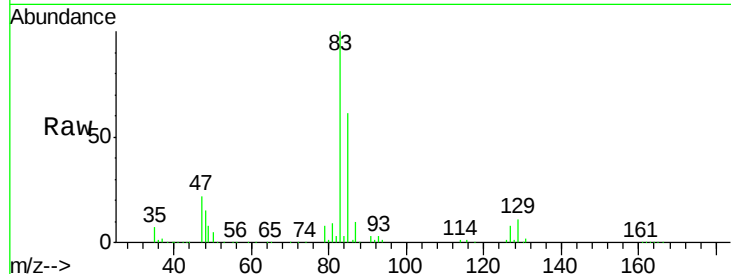
#47
Bromodichloromethane
Concen: 49.093 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	146604
Ion Ratio	100	Lower	Upper
83	100		
85	60.7	50.2	75.2
127	8.2	6.6	9.8

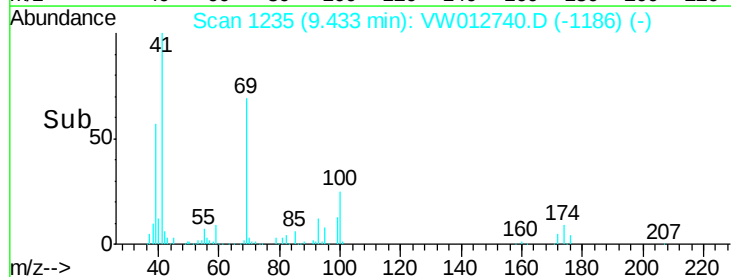
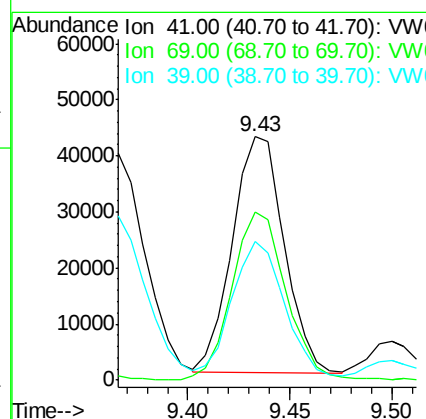
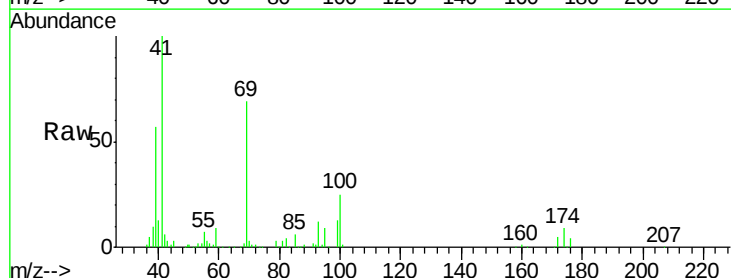
Manual Integrations
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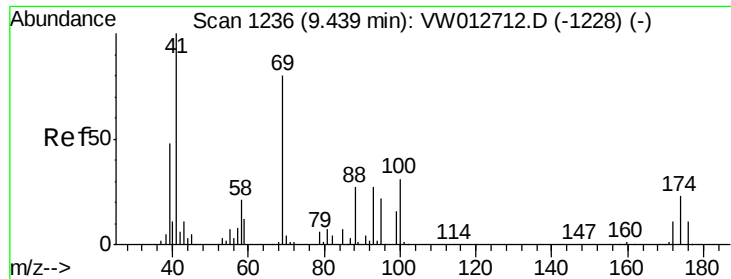
MMDadoda
9/10/2019 1:03:05 PM



#48
Methyl methacrylate
Concen: 43.259 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	41	Resp	74370
Ion Ratio	100	Lower	Upper
41	100		
69	74.4	59.8	89.8
39	60.6	47.0	70.6





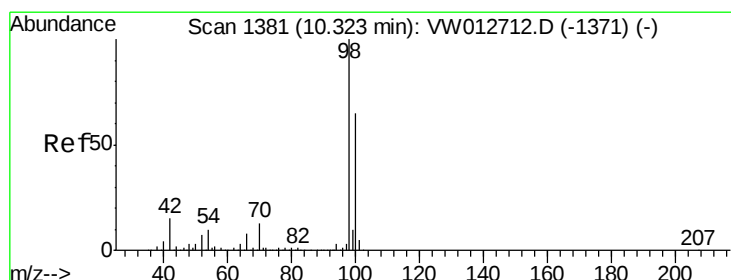
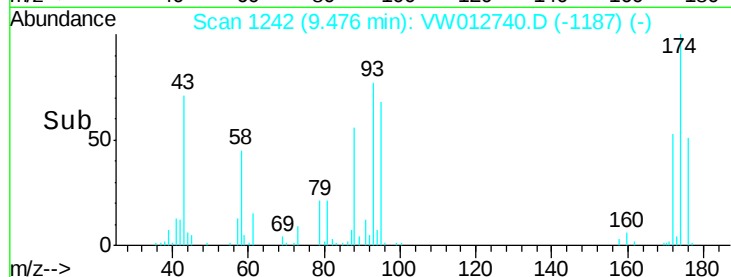
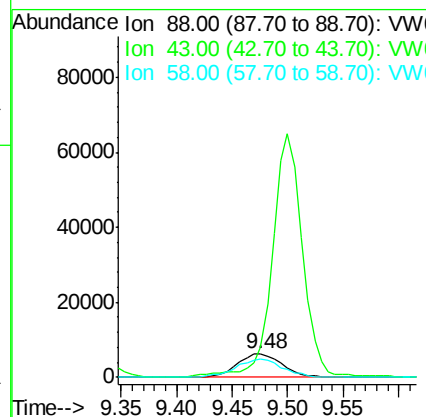
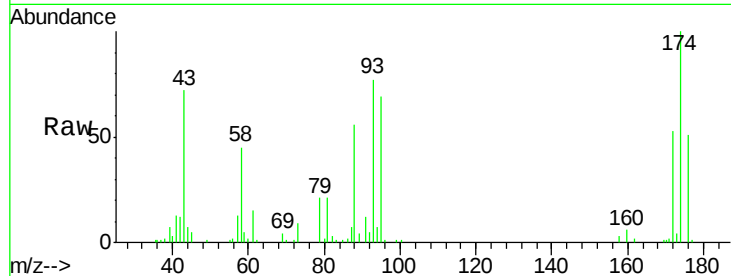
#49
1,4-Dioxane
Concen: 813.751 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	17447
Ion Ratio	100	Lower	Upper
43	0.0	34.8	52.2#
58	82.5	64.1	96.1

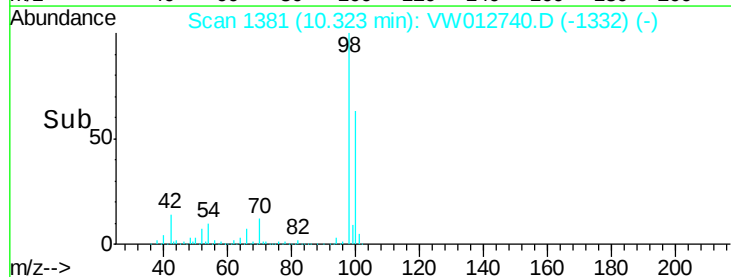
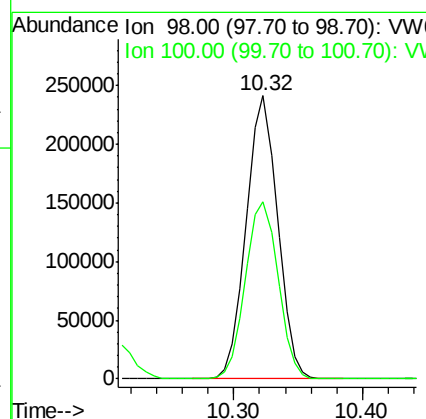
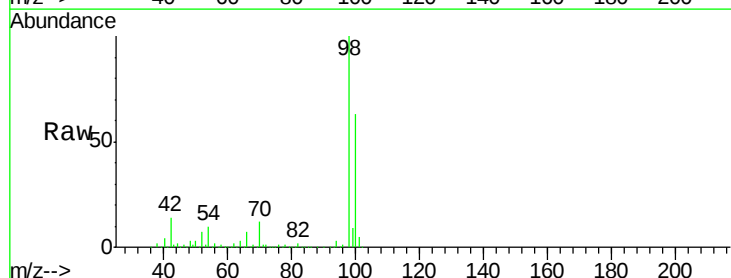
Manual Integrations
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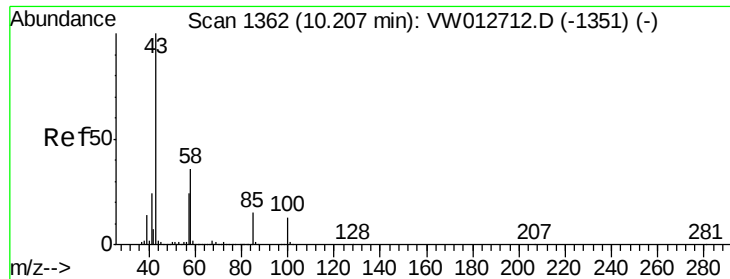
MMDadoda
9/10/2019 1:03:05 PM



#50
Toluene-d8
Concen: 52.131 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	98	Resp	407058
Ion Ratio	100	Lower	Upper
98	100	52.2	78.4
100	65.1	52.2	78.4





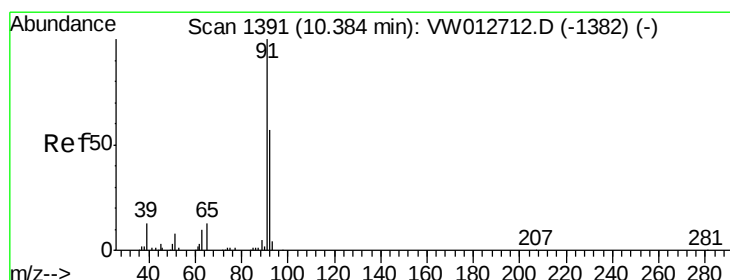
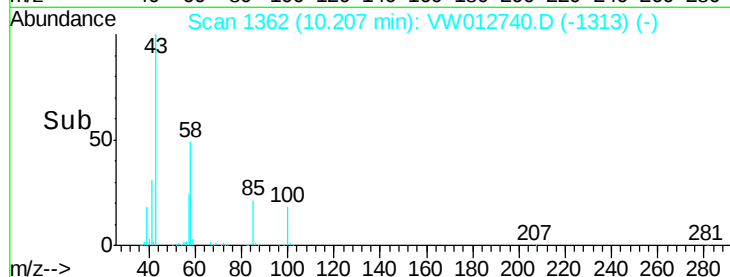
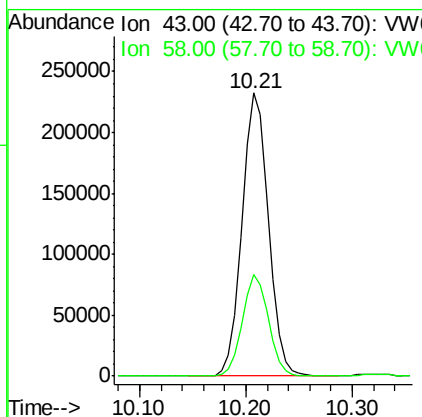
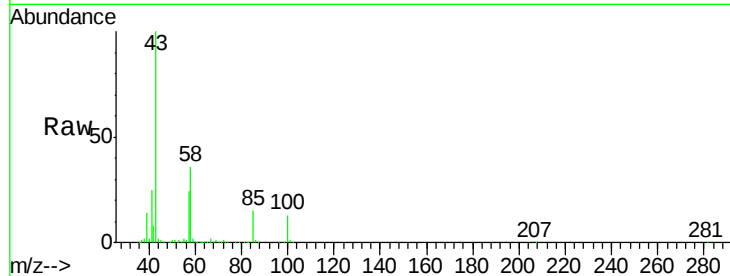
#51
 4-Methyl-2-Pentanone
 Concen: 214.779 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.4	42.6

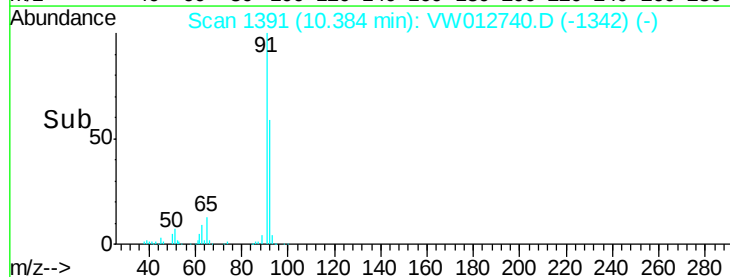
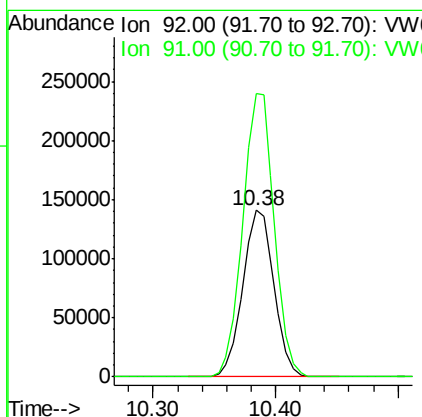
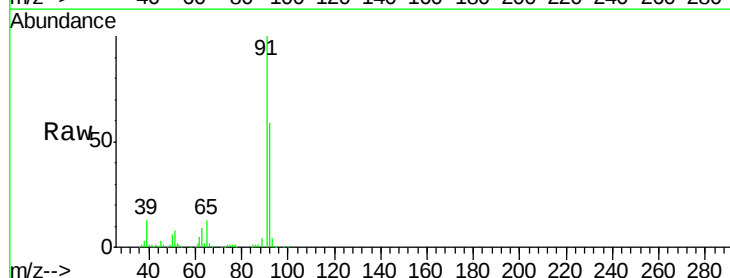
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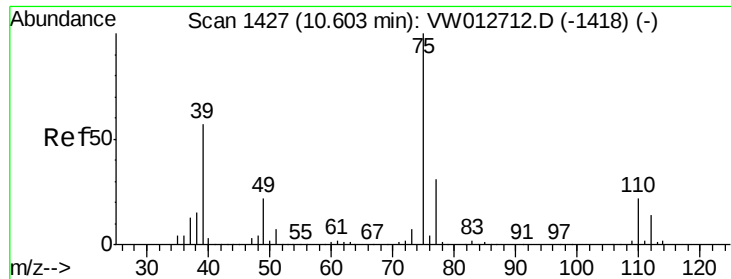
MMDadoda
 9/10/2019 1:03:05 PM



#52
 Toluene
 Concen: 48.311 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.7	137.0	205.4





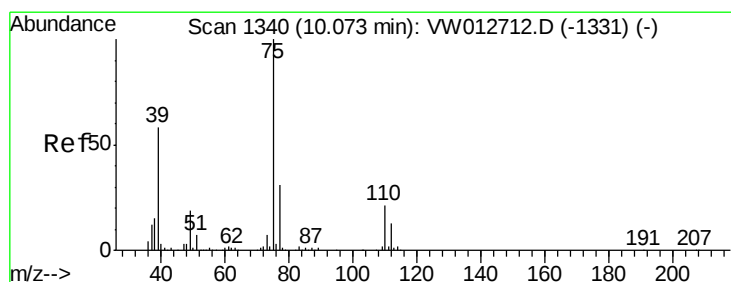
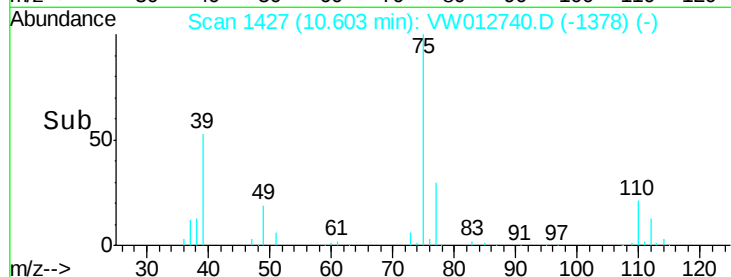
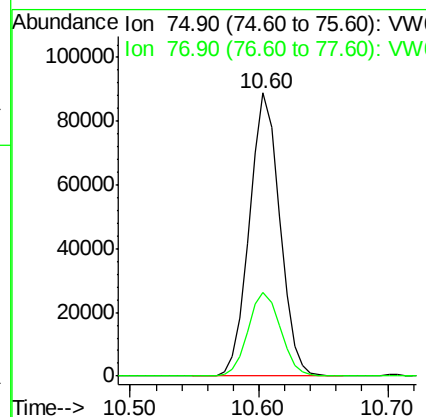
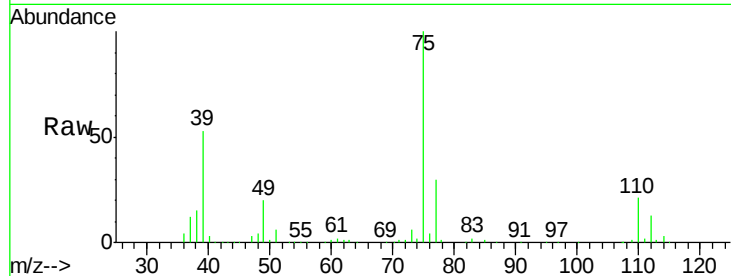
#53
t-1,3-Dichloropropene
Concen: 46.966 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 144216
Ion Ratio Lower Upper
75 100
77 29.5 24.7 37.1

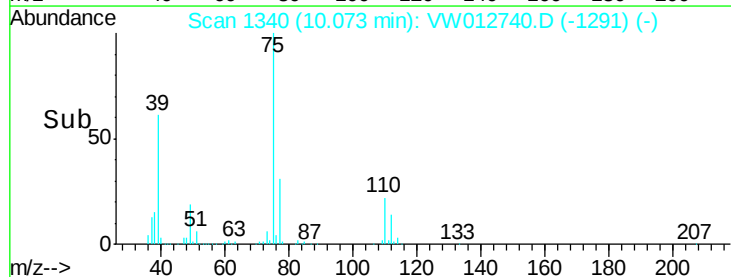
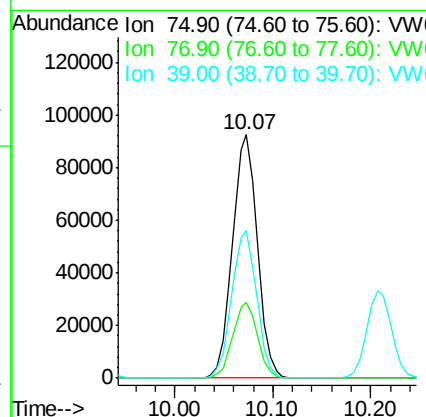
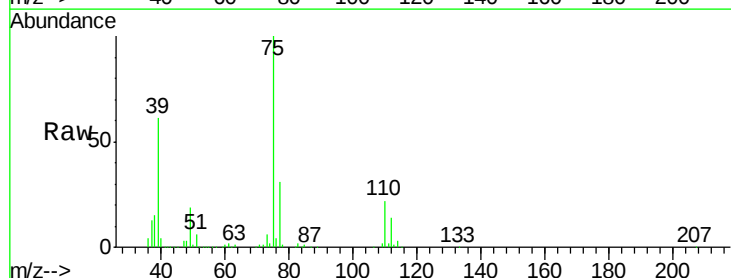
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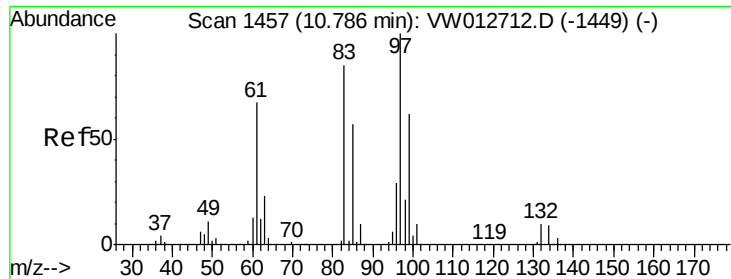
MMDadoda
9/10/2019 1:03:05 PM



#54
cis-1,3-Dichloropropene
Concen: 46.865 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion: 75 Resp: 163250
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 60.6 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 47.655 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 77440

Ion Ratio Lower Upper

97 100

83 87.7 68.1 102.1

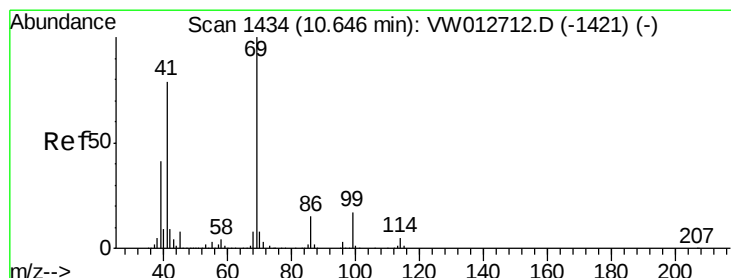
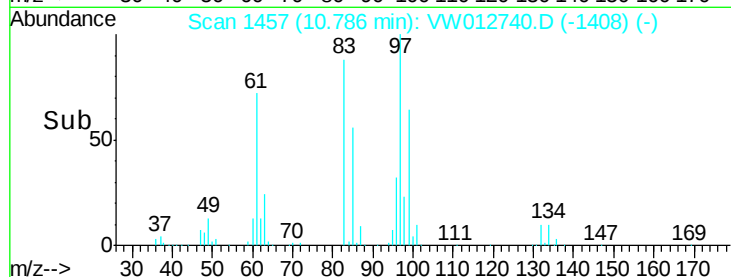
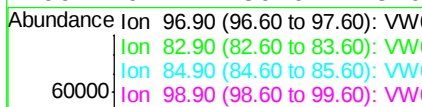
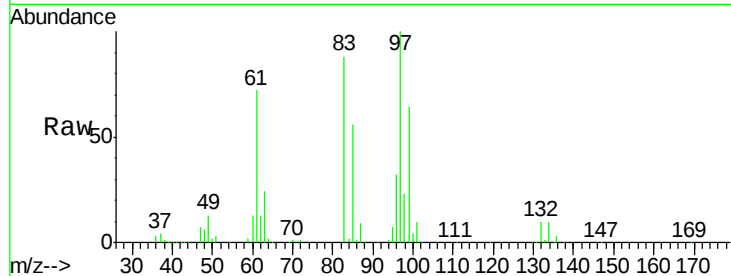
85 55.5 45.3 67.9

99 64.2 50.0 75.0

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#56

Ethyl methacrylate

Concen: 47.227 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

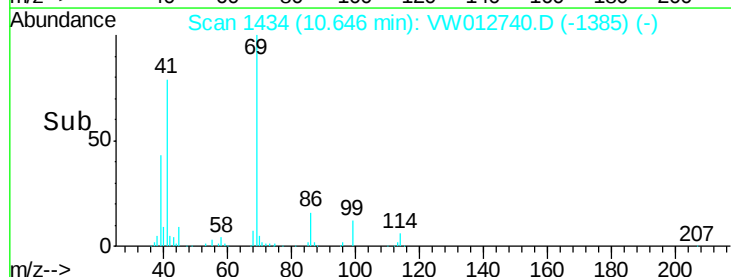
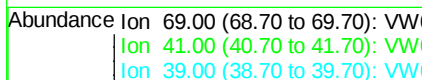
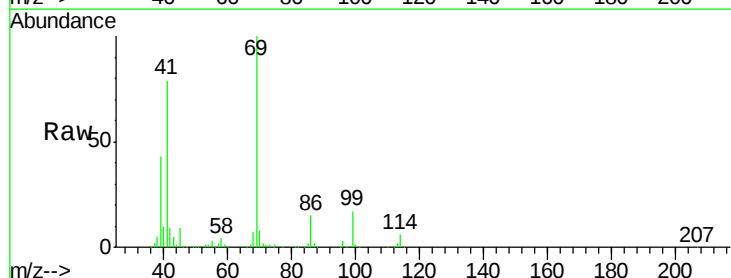
Tgt Ion: 69 Resp: 112338

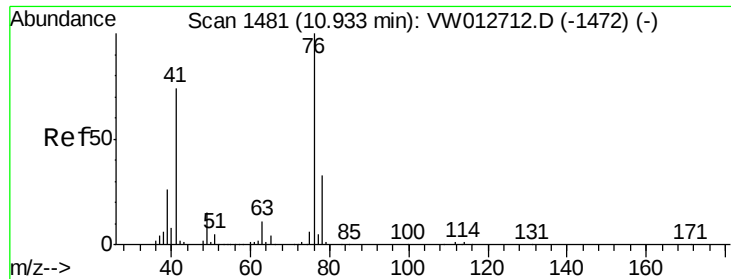
Ion Ratio Lower Upper

69 100

41 79.4 64.4 96.6

39 37.6 31.1 46.7





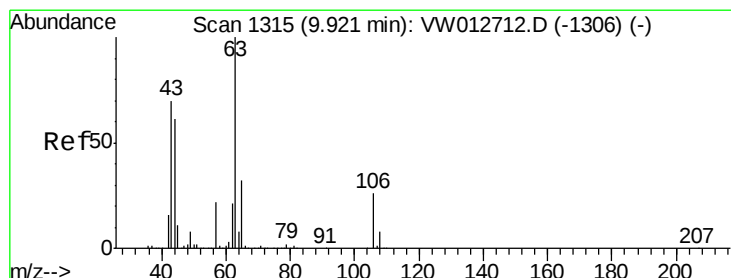
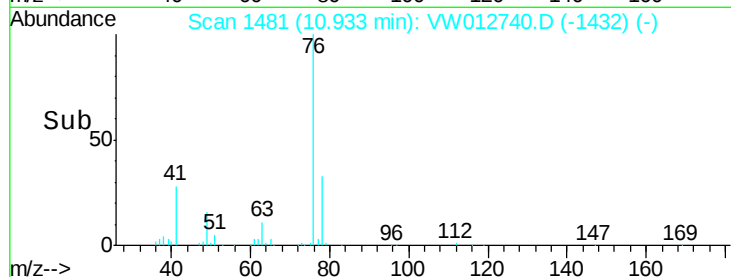
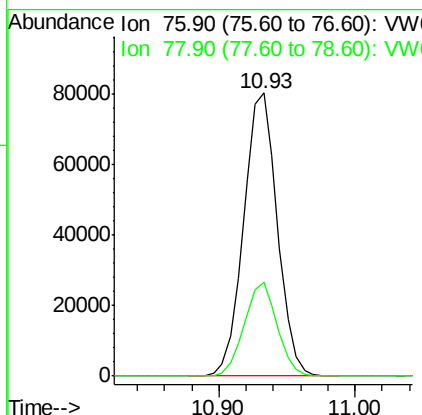
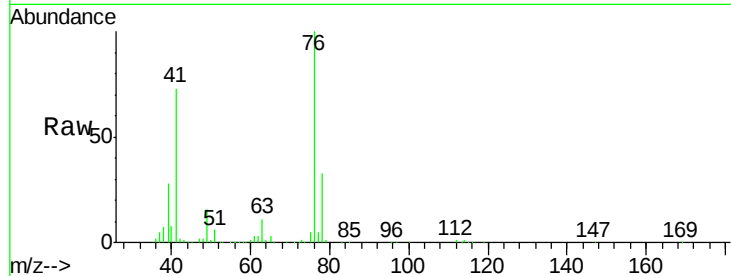
#57
 1,3-Dichloropropane
 Concen: 46.202 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 138894
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9

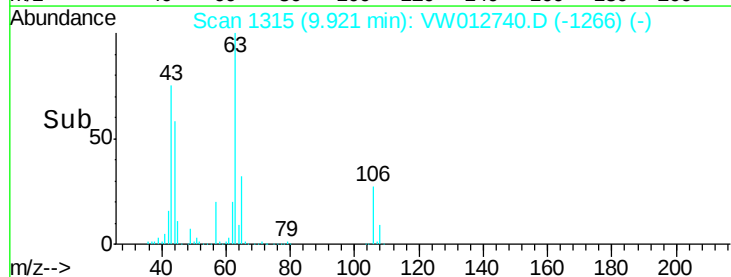
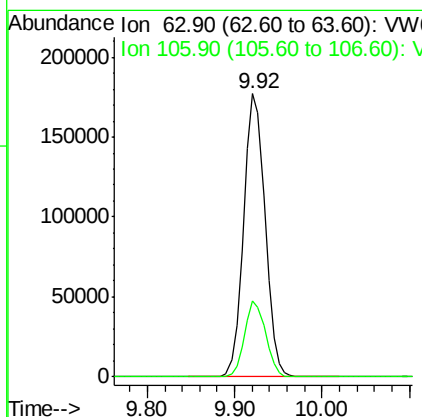
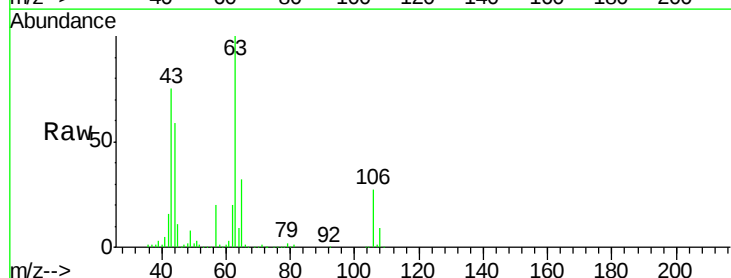
Manual Integrations
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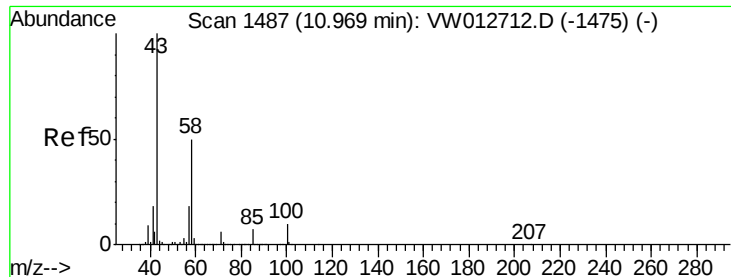
MMDadoda
 9/10/2019 1:03:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.701 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion: 63 Resp: 300169
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.5 30.7





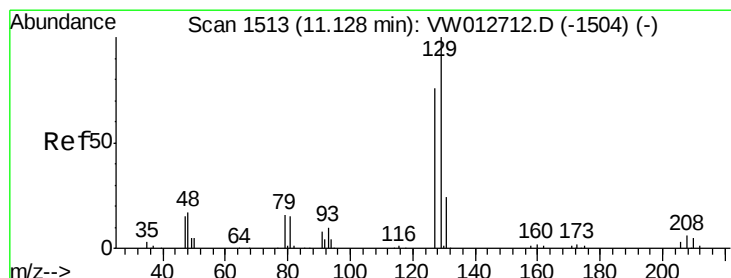
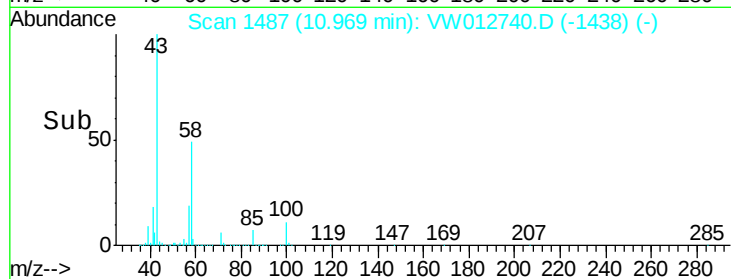
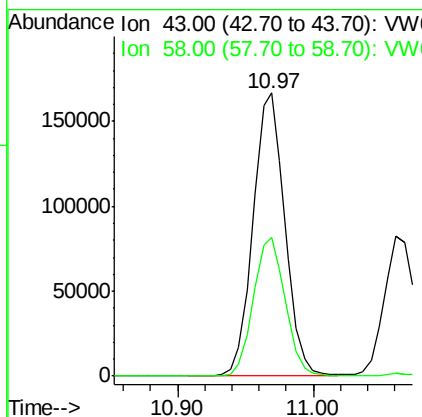
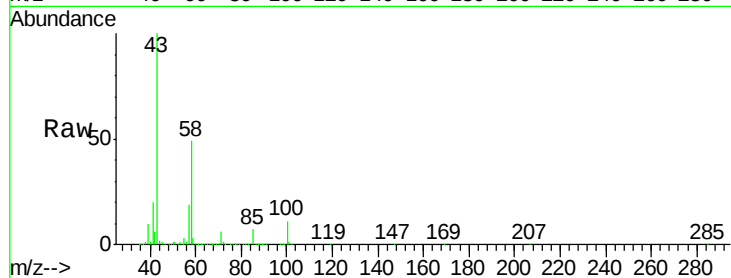
#59
2-Hexanone
Concen: 197.880 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 272898
Ion Ratio Lower Upper
43 100
58 49.1 24.7 74.1

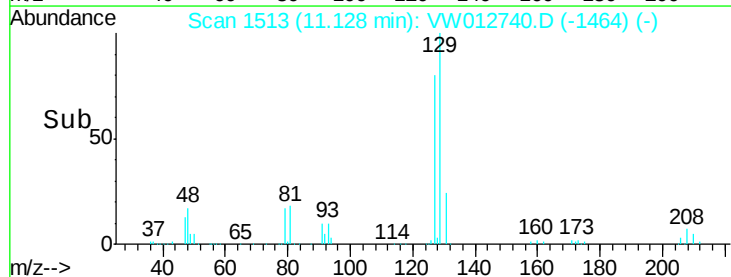
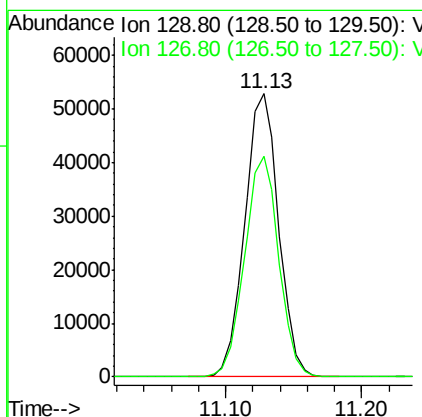
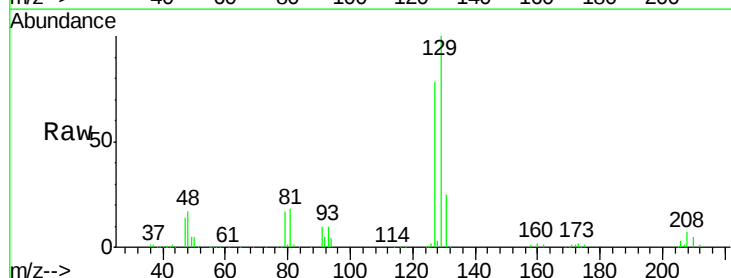
Manual Integrations
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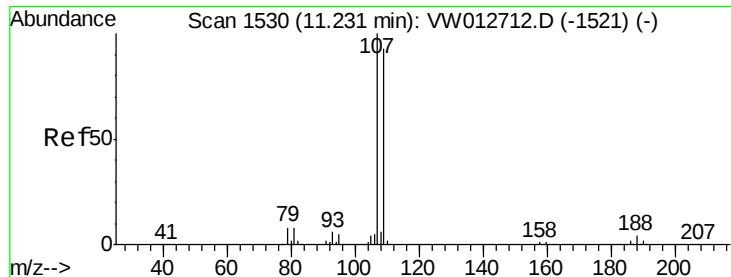
MMDadoda
9/10/2019 1:03:05 PM



#60
Dibromochloromethane
Concen: 48.094 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion: 129 Resp: 91914
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8





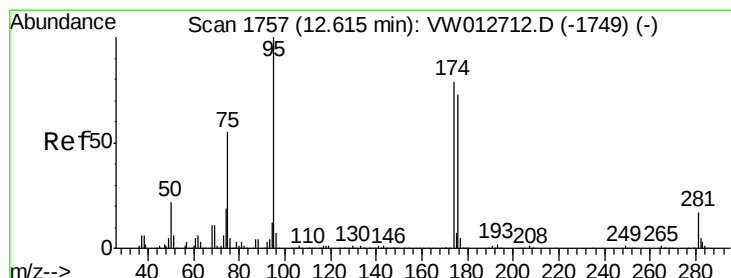
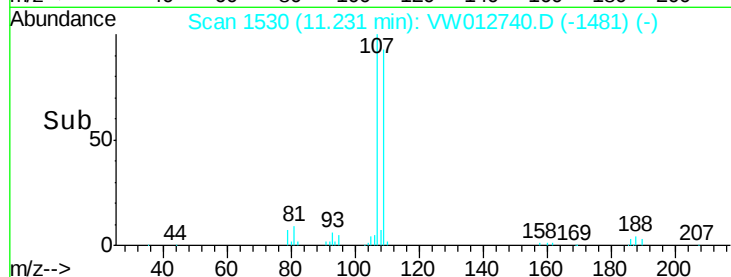
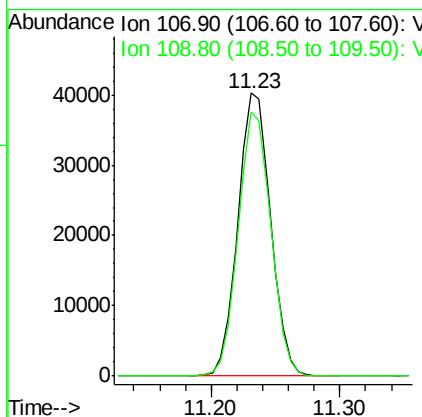
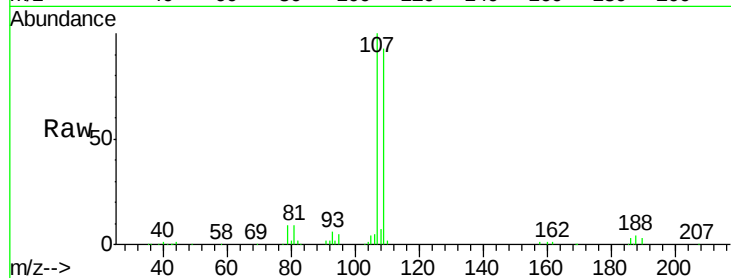
#61
 1,2-Dibromoethane
 Concen: 47.500 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.0	112.6

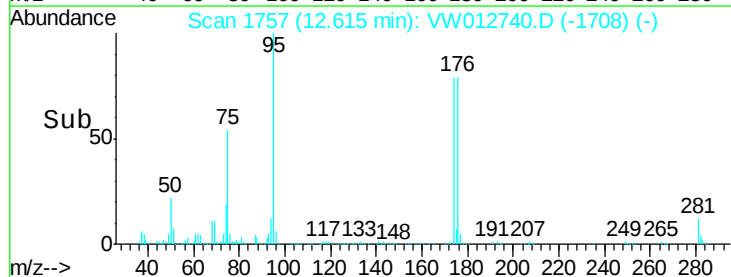
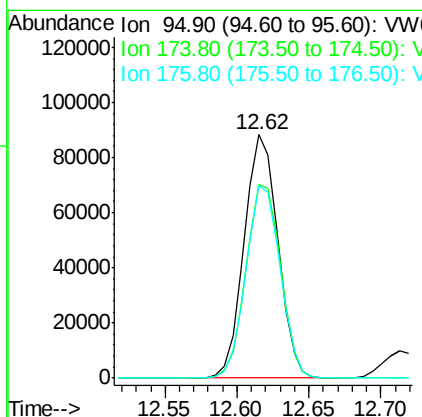
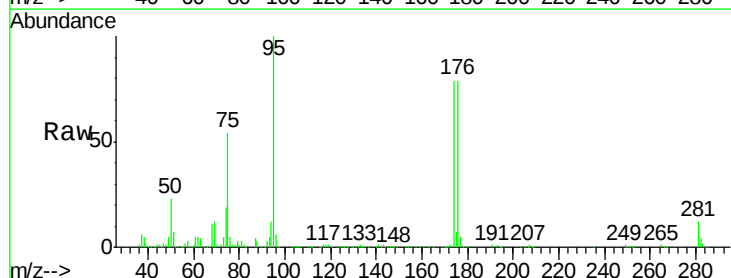
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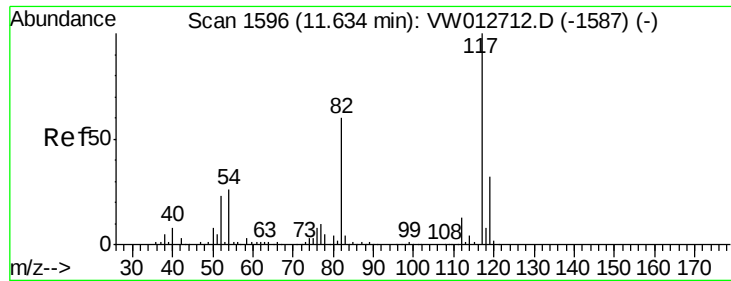
MMDadoda
 9/10/2019 1:03:05 PM



#62
 4-Bromofluorobenzene
 Concen: 50.339 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	161.0
176	80.3	0.0	156.4





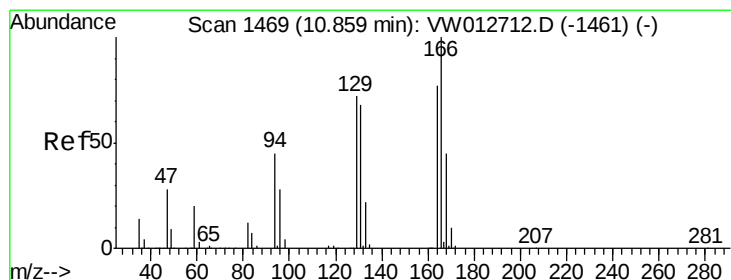
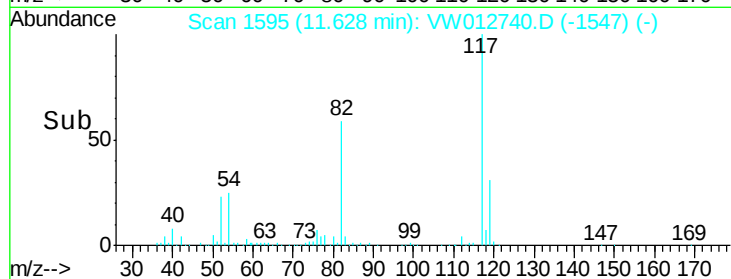
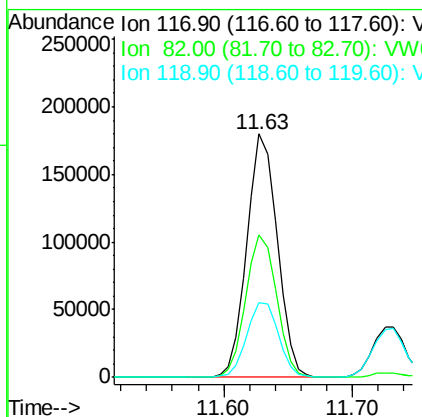
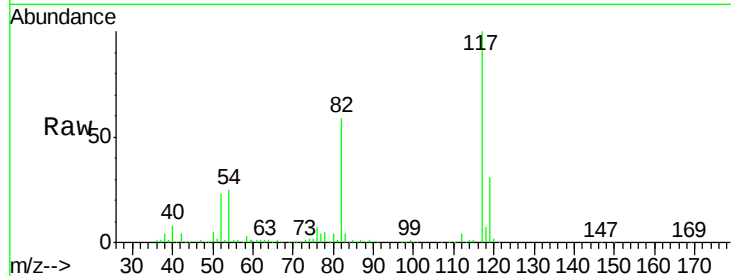
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	48.2	72.4
119	30.8	25.8	38.6

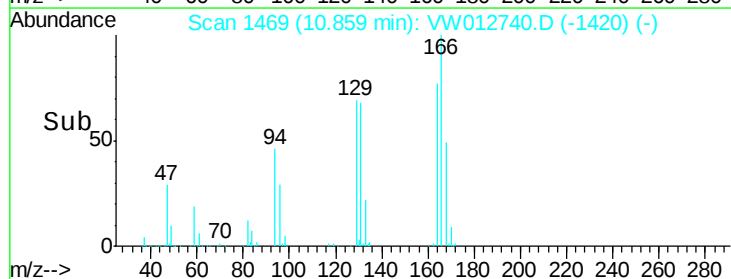
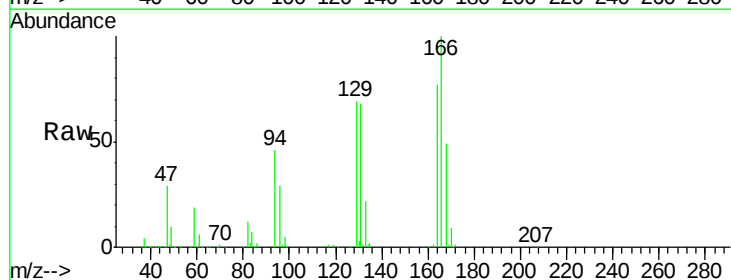
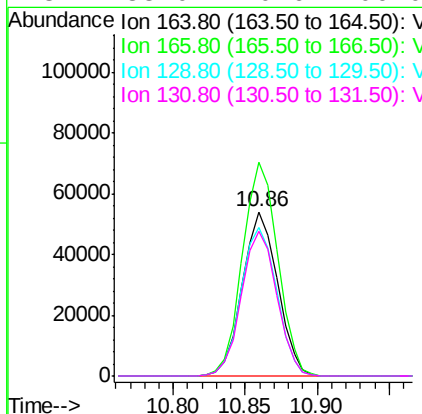
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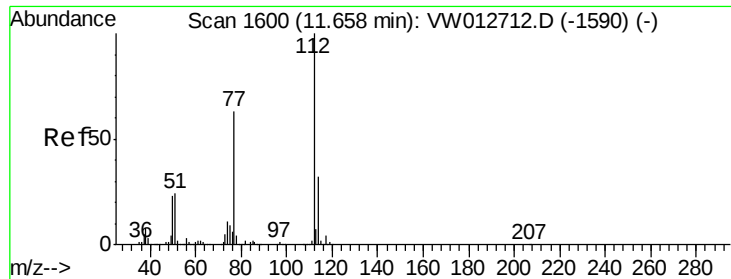
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#64
Tetrachloroethene
Concen: 51.399 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	103.6	155.4
129	90.4	74.6	112.0
131	88.0	70.6	106.0





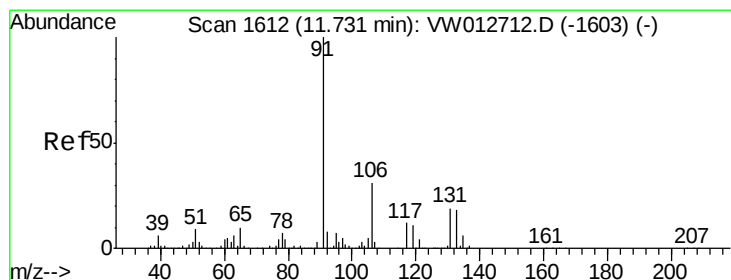
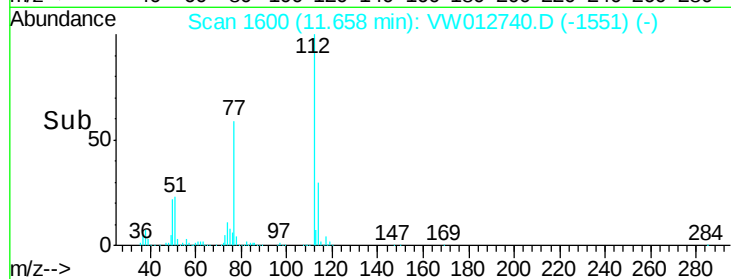
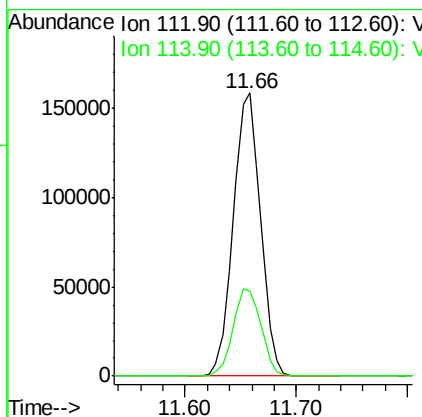
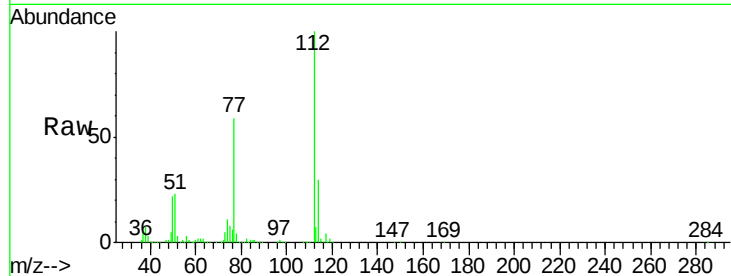
#65
Chlorobenzene
Concen: 48.368 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.3	37.9

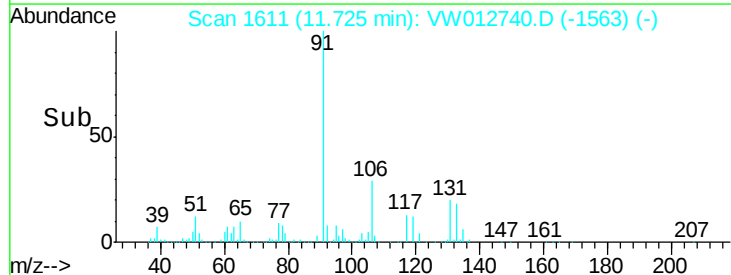
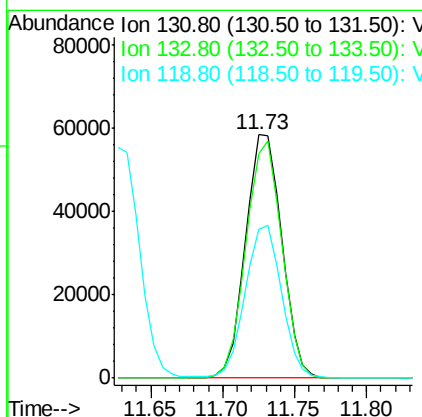
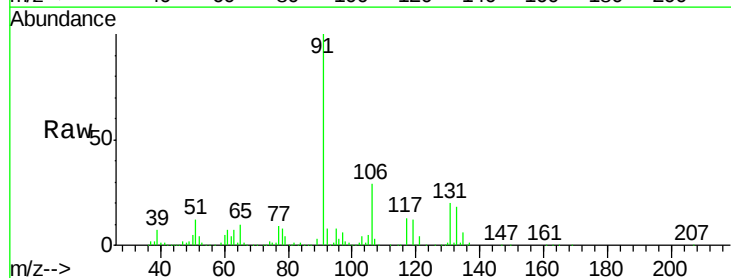
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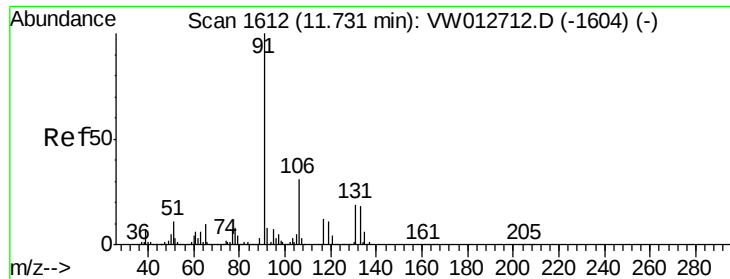
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.425 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.6	142.8
119	63.1	30.6	92.0





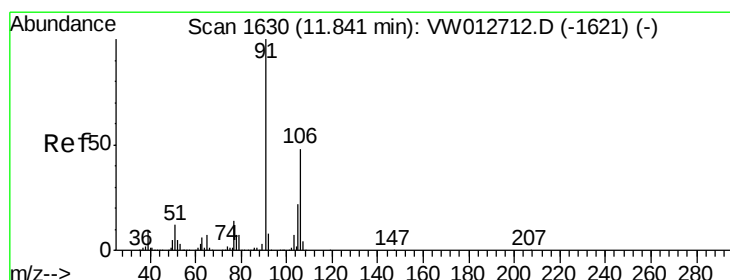
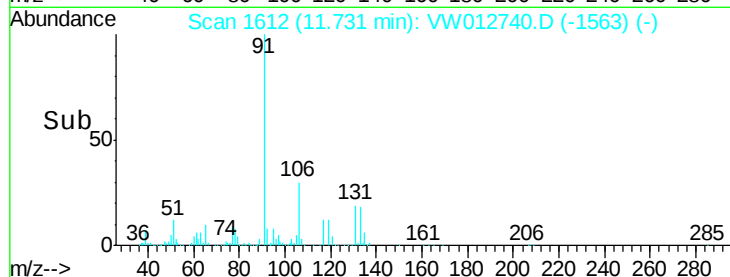
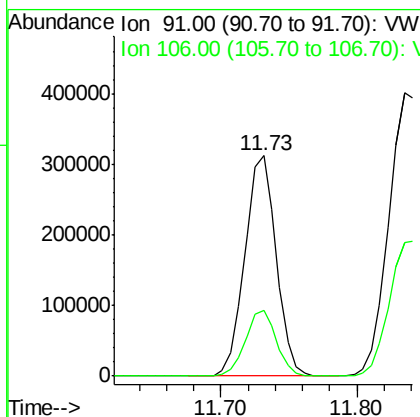
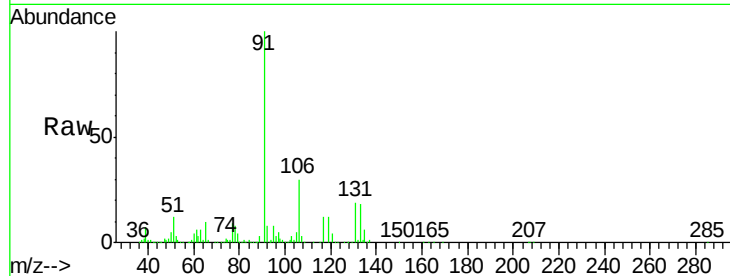
#67
Ethyl Benzene
Concen: 48.466 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 503890
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

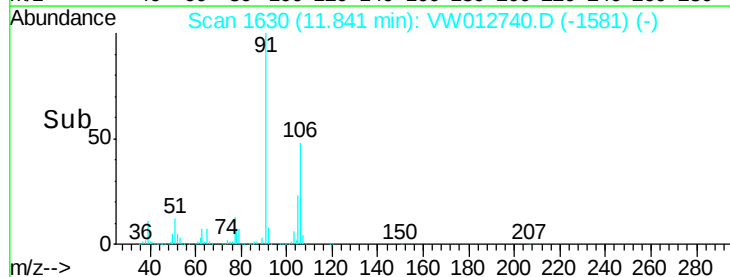
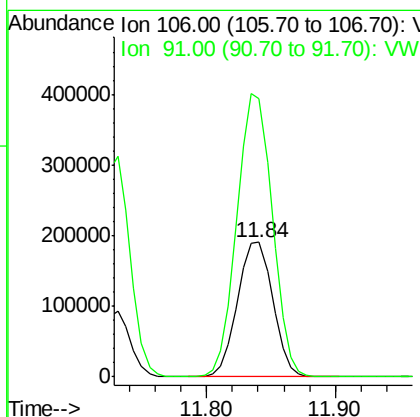
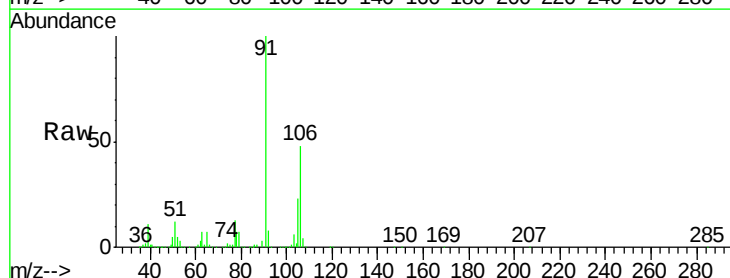
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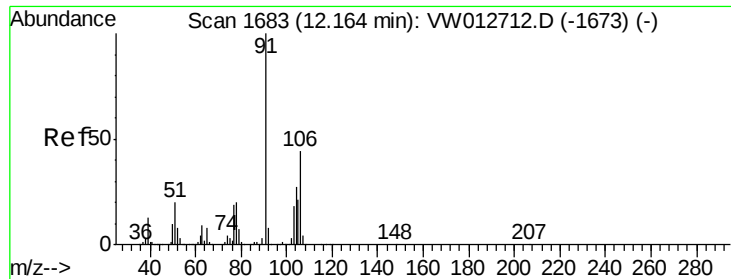
MMDadoda
9/10/2019 1:03:05 PM



#68
m/p-Xylenes
Concen: 96.876 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion: 106 Resp: 363558
Ion Ratio Lower Upper
106 100
91 209.9 168.2 252.4





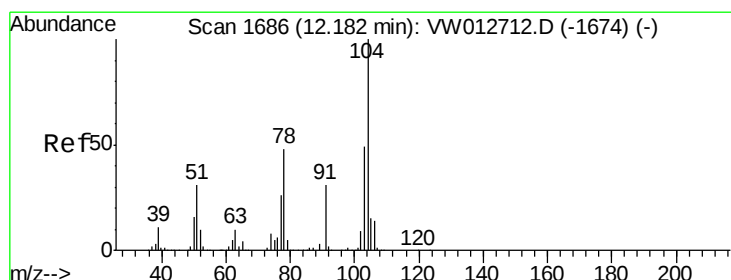
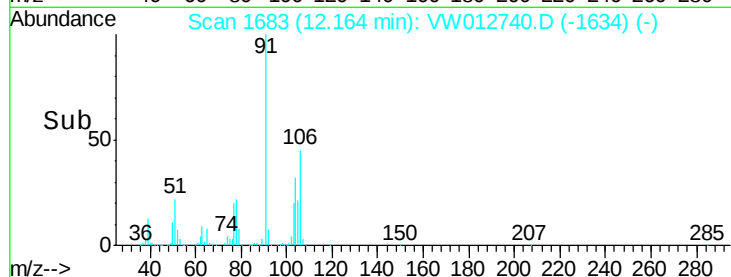
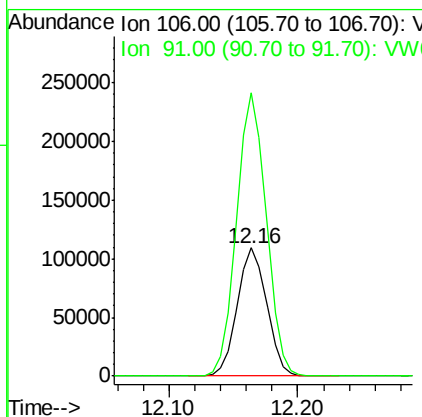
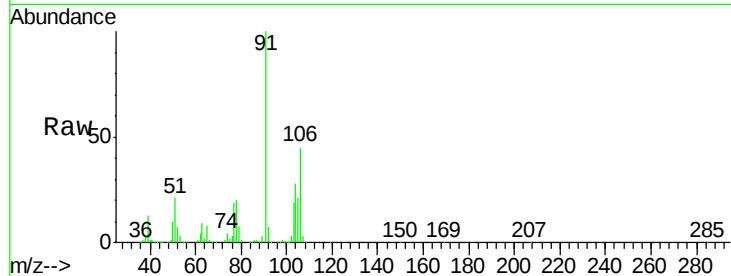
#69
o-Xylene
Concen: 48.940 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.1	112.3	336.8

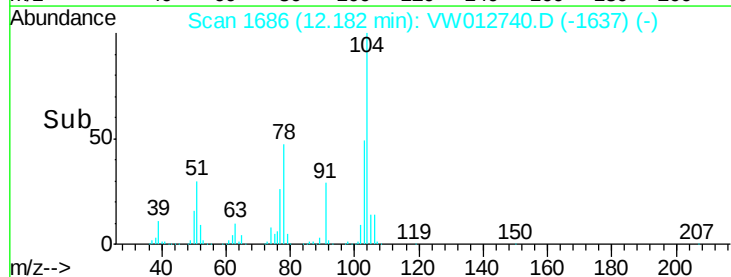
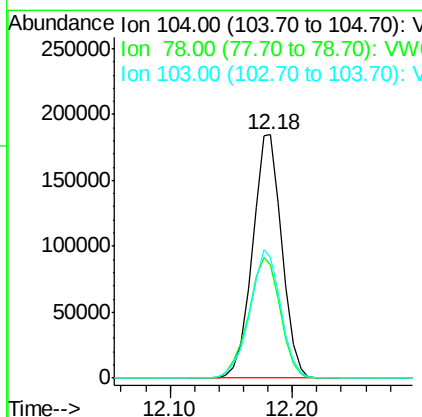
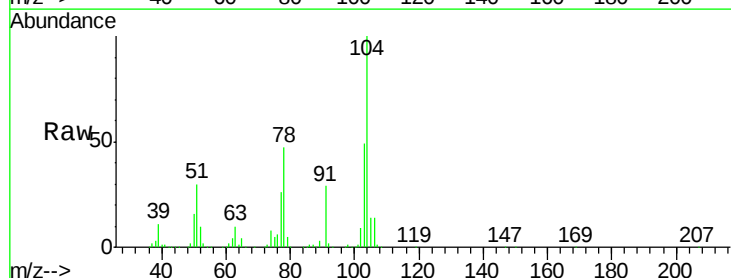
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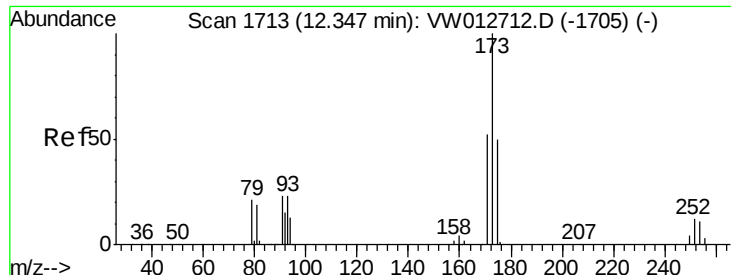
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9/10/2019 1:03:05 PM



#70
Styrene
Concen: 49.319 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.3	64.9
103	55.0	44.0	66.0





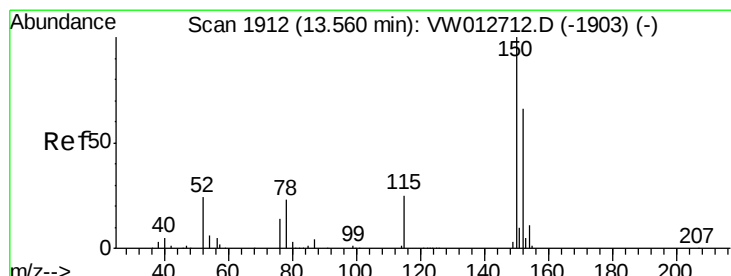
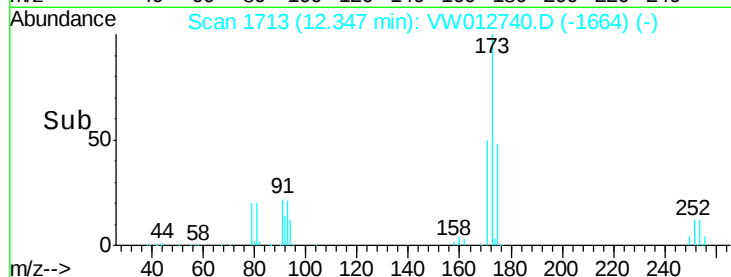
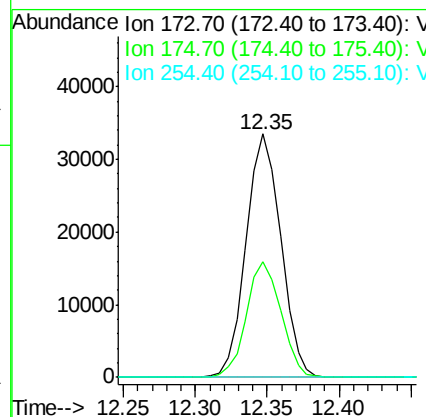
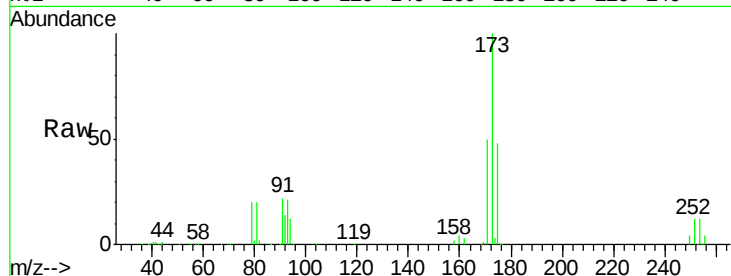
#71
Bromoform
Concen: 48.822 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.8	74.3
254	0.1	0.1	0.1#

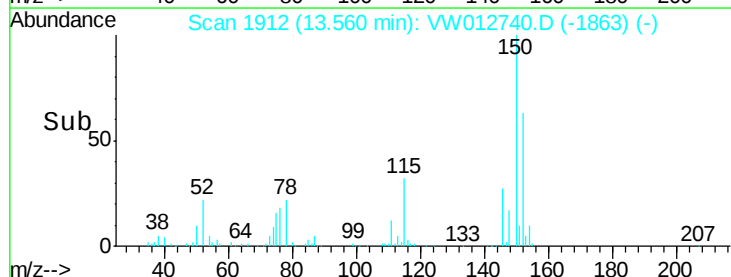
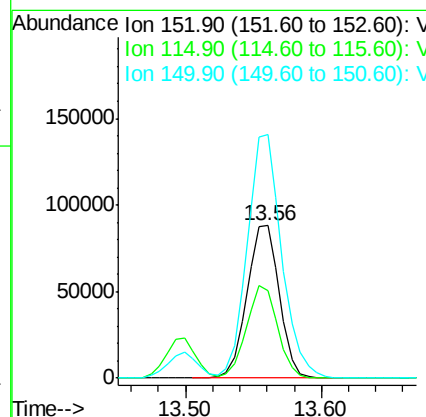
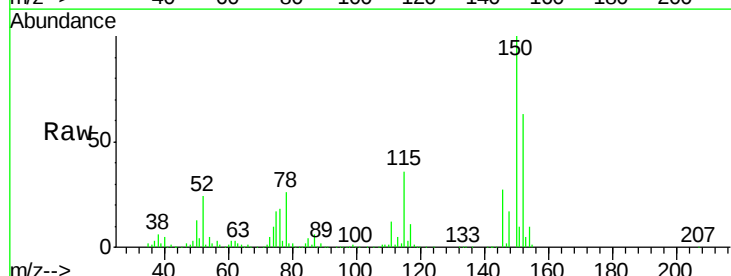
Manual Integrations
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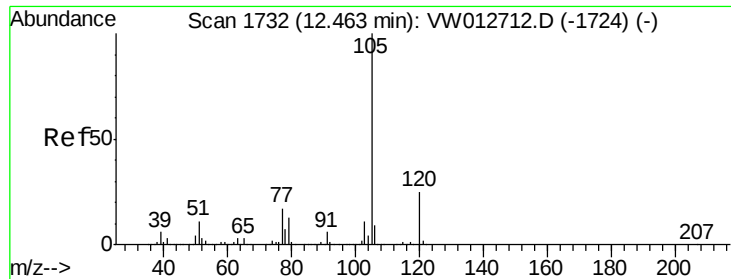
MMDadoda
9/10/2019 1:03:05 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.0	90.1
150	170.5	0.0	349.0





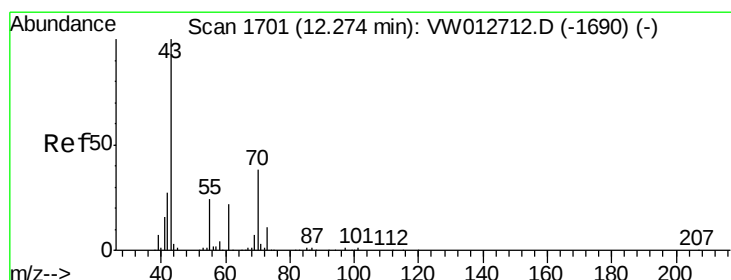
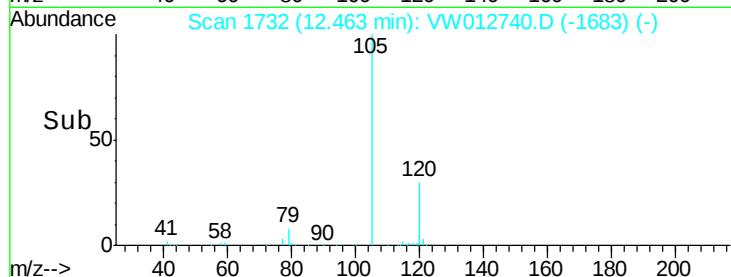
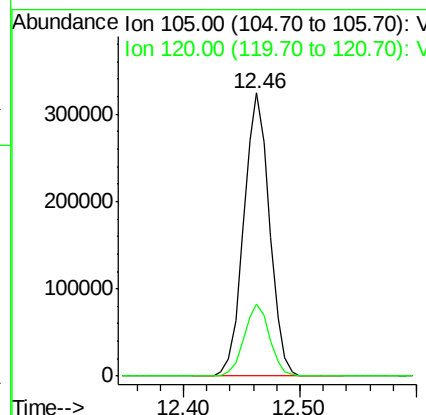
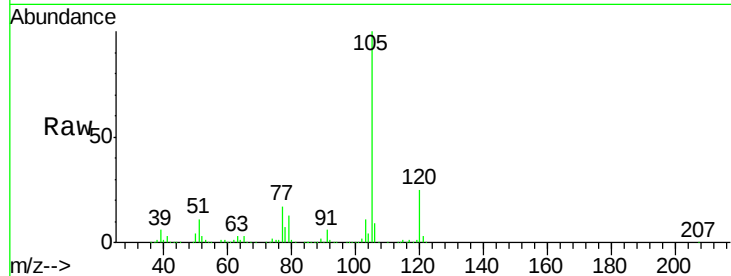
#73
Isopropylbenzene
Concen: 47.729 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.0	38.9

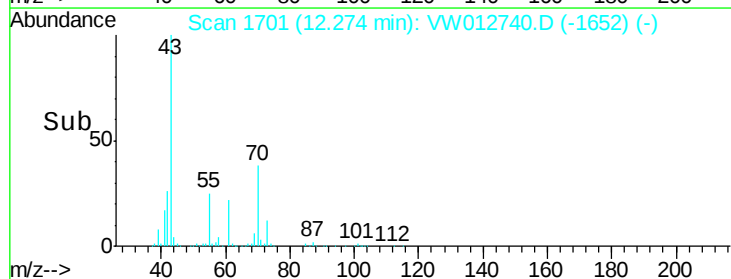
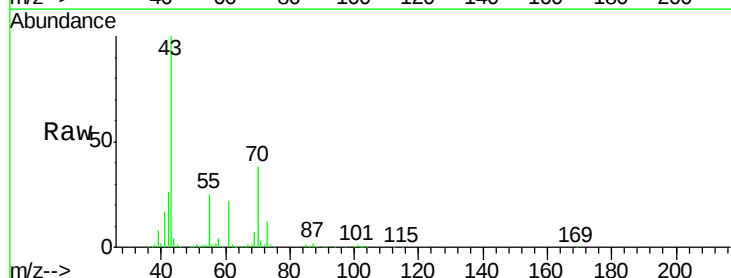
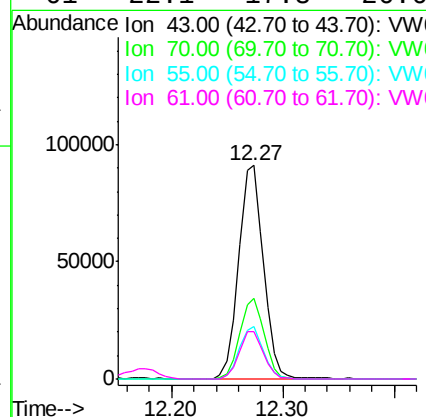
Manual Integrations
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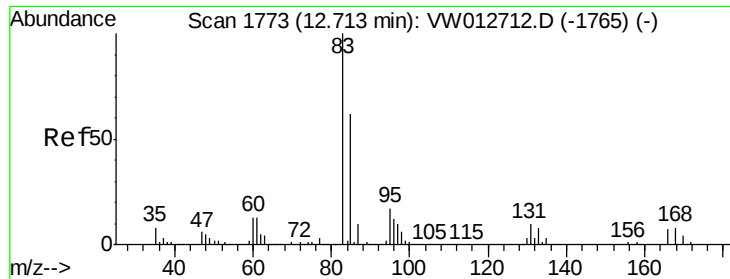
MMDadoda
9/10/2019 1:03:05 PM



#74
N-ethyl acetate
Concen: 42.448 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.9	29.4	44.0
55	24.0	18.6	27.8
61	22.1	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.420 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

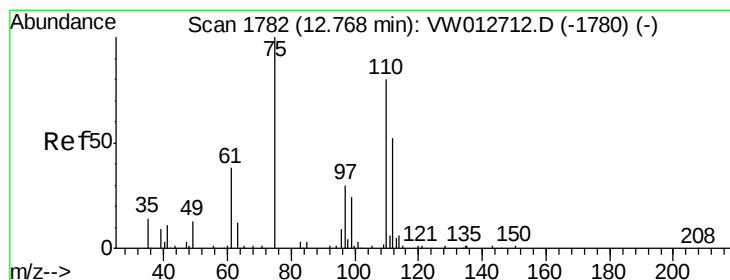
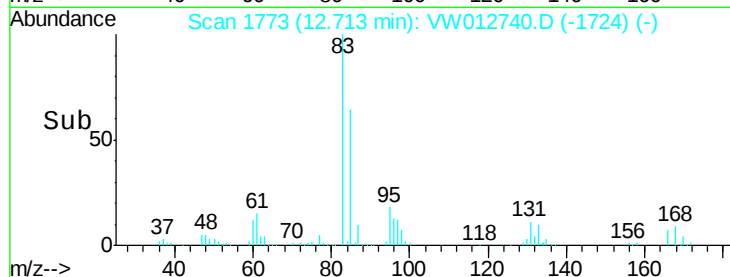
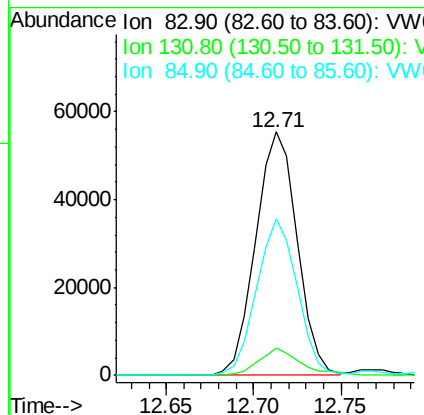
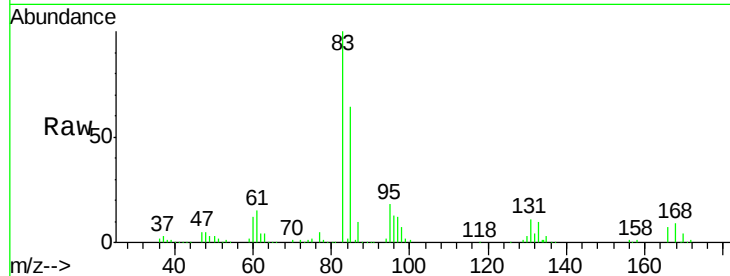
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	91198
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	62.8	31.4	94.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.199 ug/l m

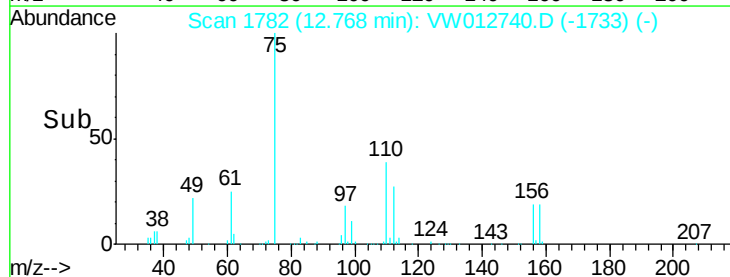
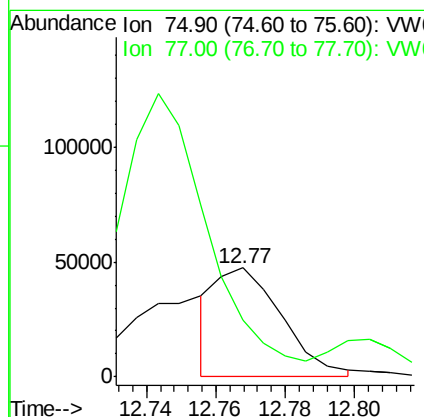
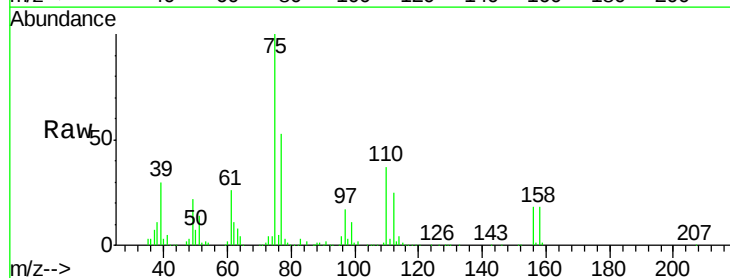
RT: 12.77 min Scan# 1782

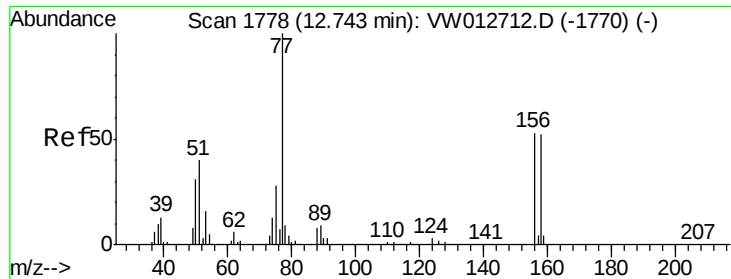
Delta R.T. 0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Tgt Ion:	75	Resp:	62922
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.027 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 113800

Ion Ratio Lower Upper

156 100

77 196.9 102.3 306.9

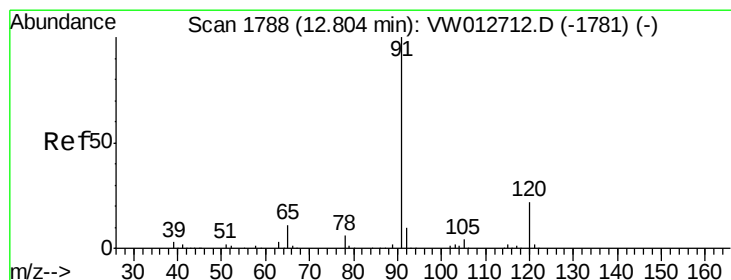
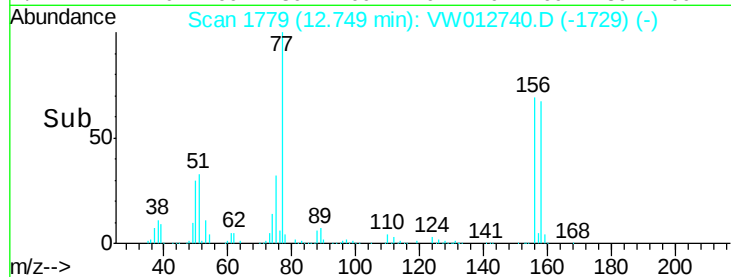
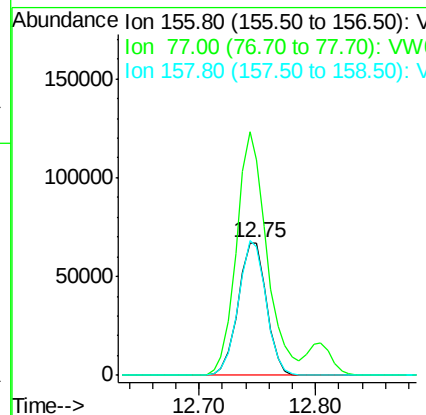
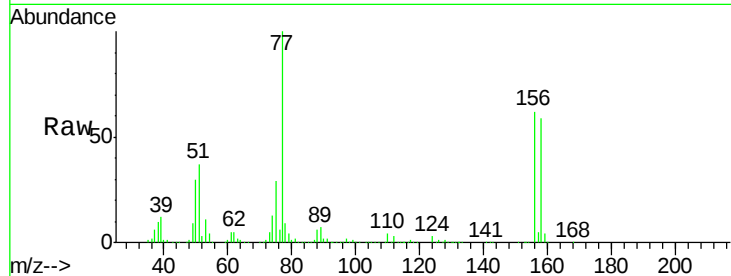
158 98.7 48.9 146.8

Manual Integrations

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#78

n-propylbenzene

Concen: 46.820 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012740.D

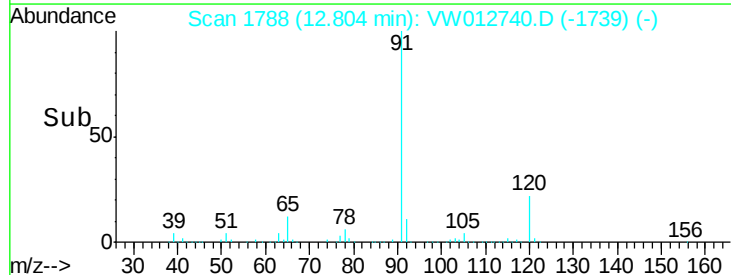
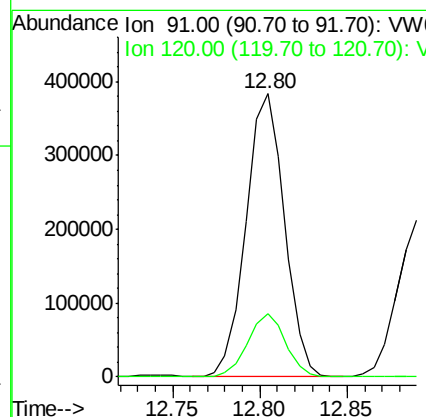
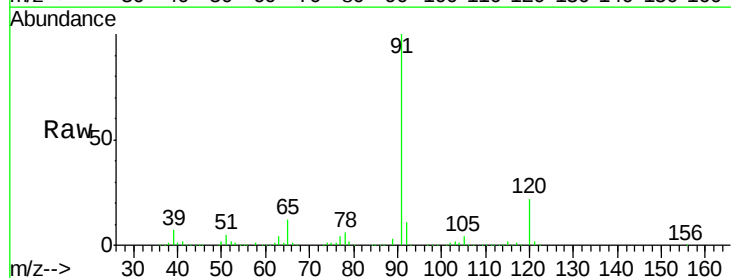
Acq: 08 Sep 2019 00:11

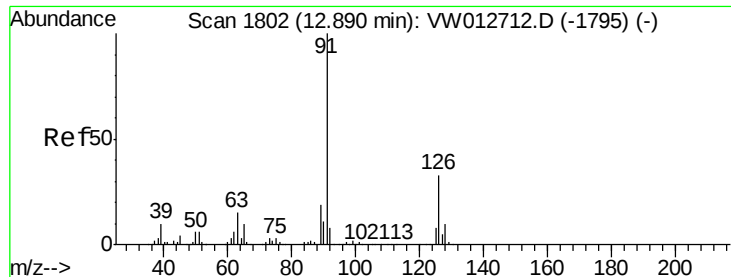
Tgt Ion: 91 Resp: 585642

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.623 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012740.D

Acq: 08 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 341967

Ion Ratio Lower Upper

91 100

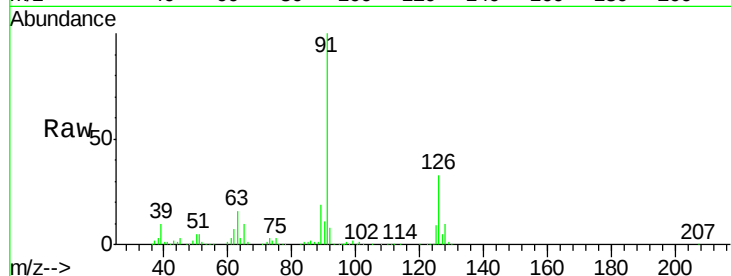
126 32.2 16.1 48.3

Manual Integrations

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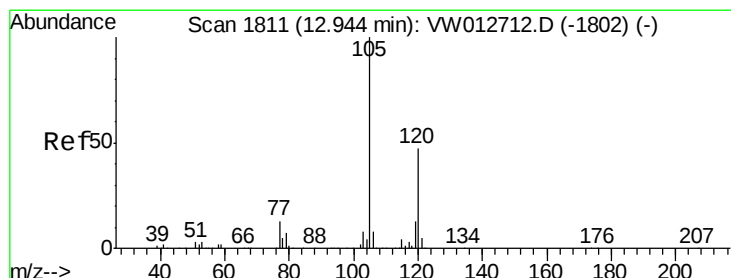
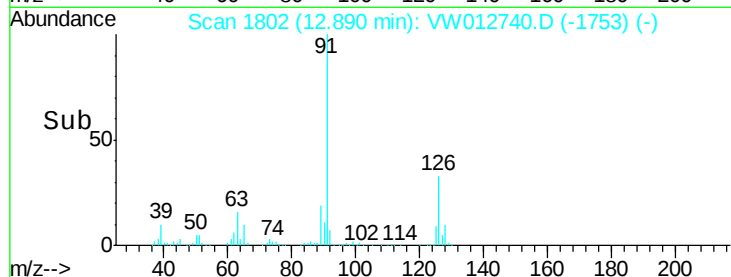
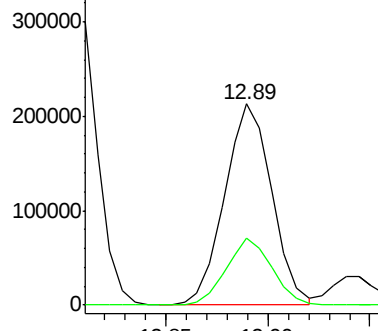
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.791 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012740.D

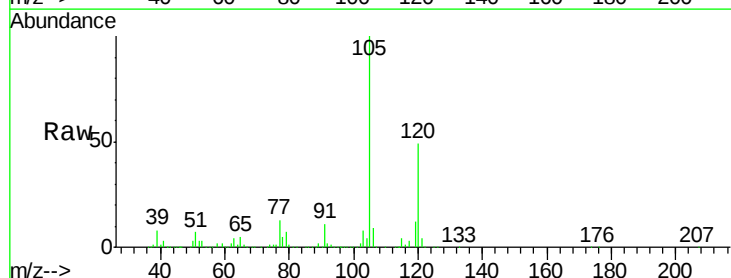
Acq: 08 Sep 2019 00:11

Tgt Ion:105 Resp: 421176

Ion Ratio Lower Upper

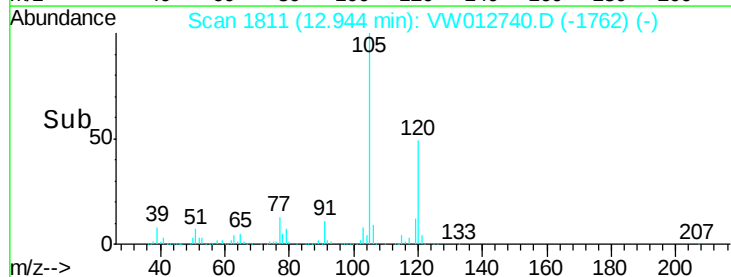
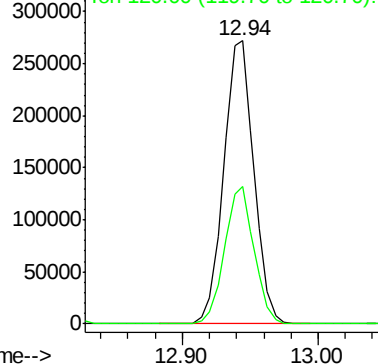
105 100

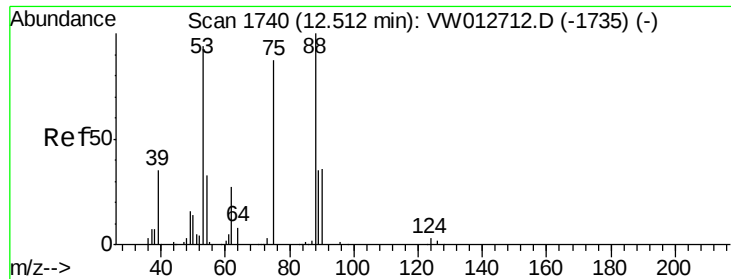
120 47.7 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





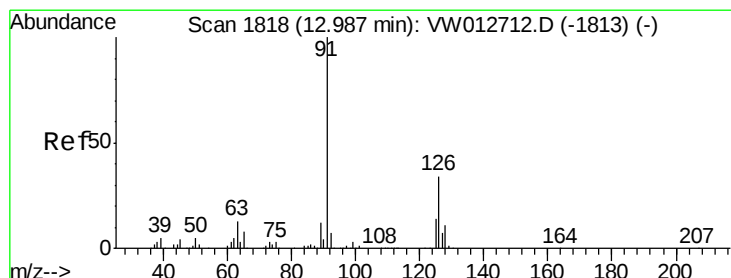
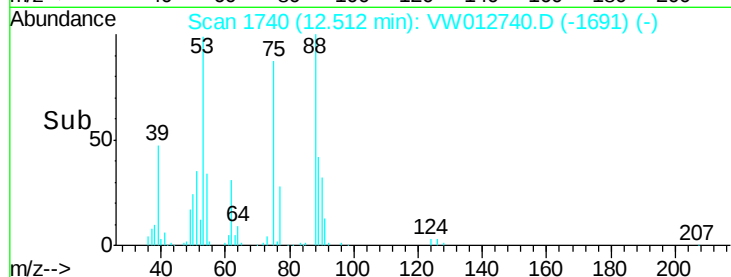
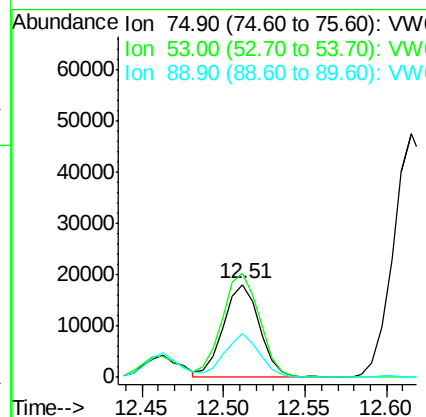
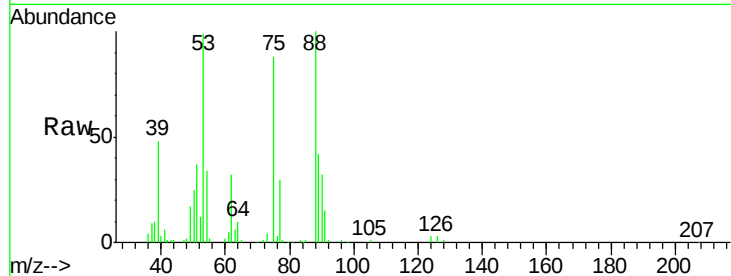
#81
trans-1,4-Dichloro-2-butene
Concen: 39.518 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.9	87.6	131.4
89	45.4	35.5	53.3

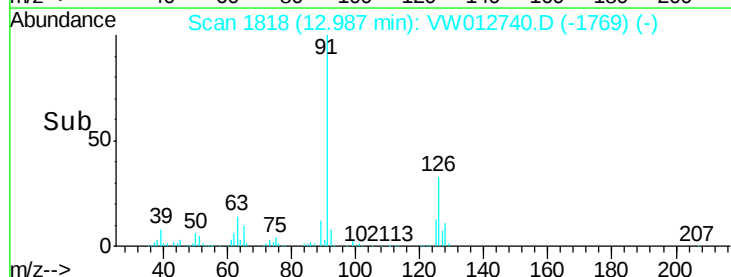
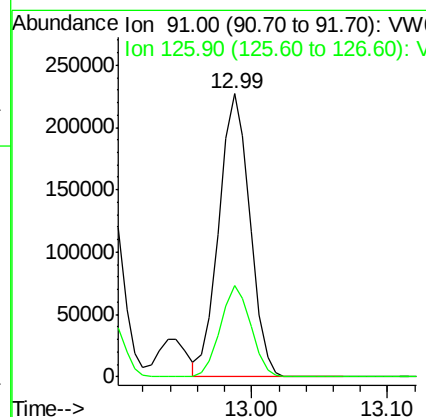
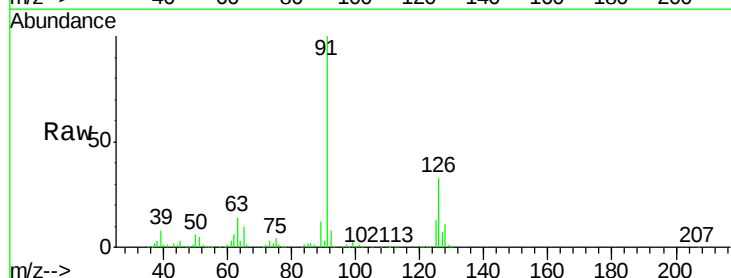
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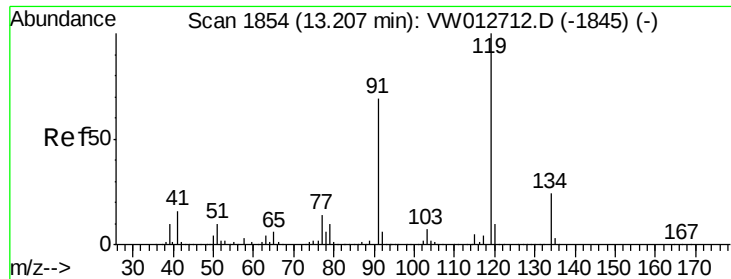
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#82
4-Chlorotoluene
Concen: 47.016 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.6





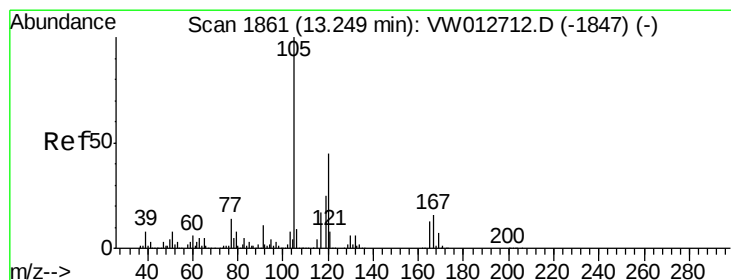
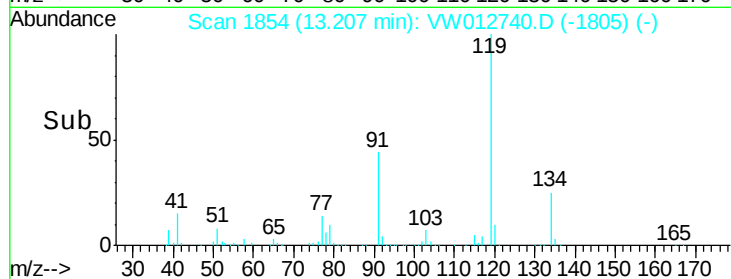
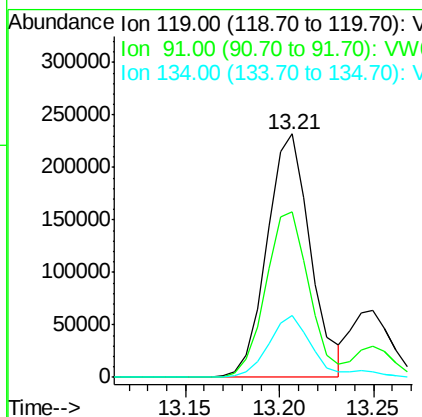
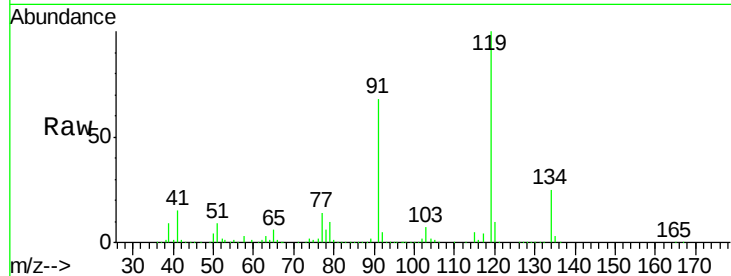
#83
 tert-Butylbenzene
 Concen: 47.499 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	34.2	102.5
134	24.7	12.3	36.9

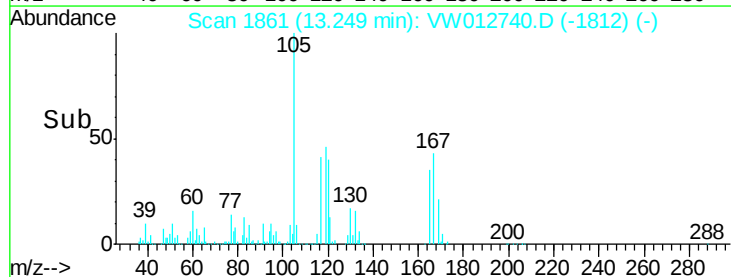
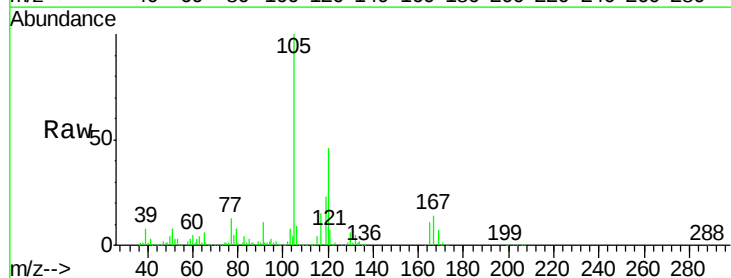
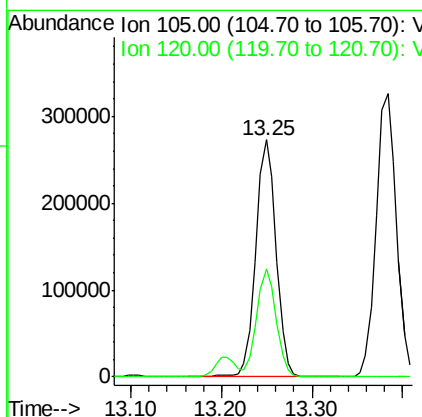
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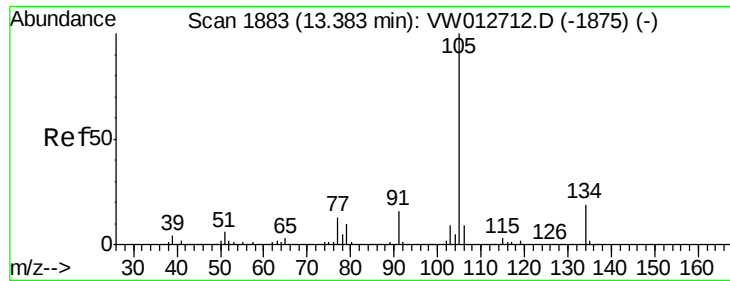
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.632 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.3





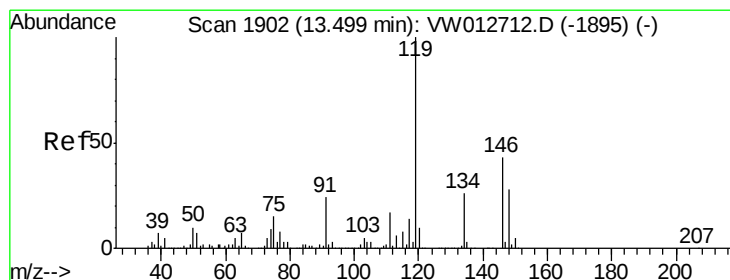
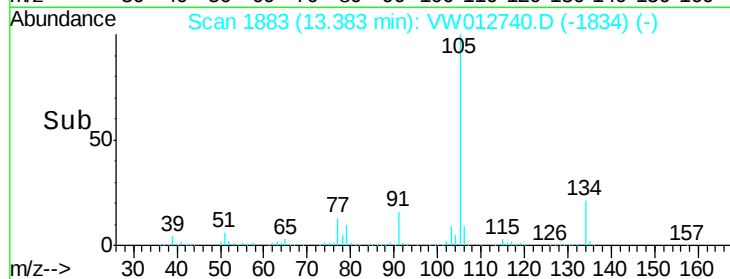
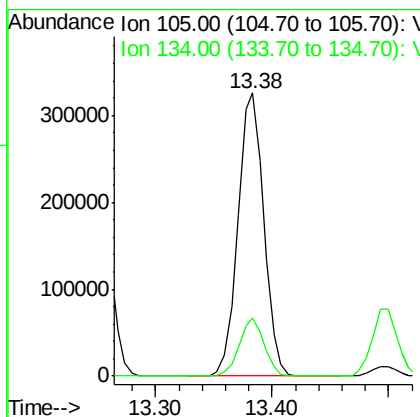
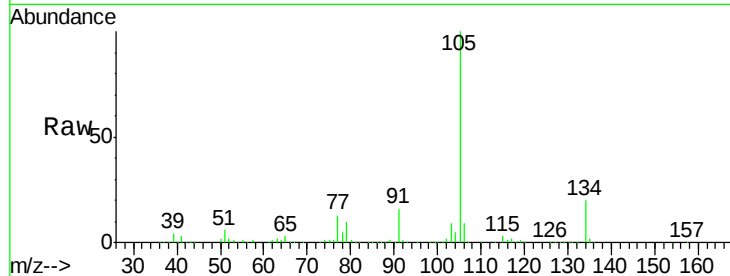
#85
 sec-Butylbenzene
 Concen: 46.531 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.3

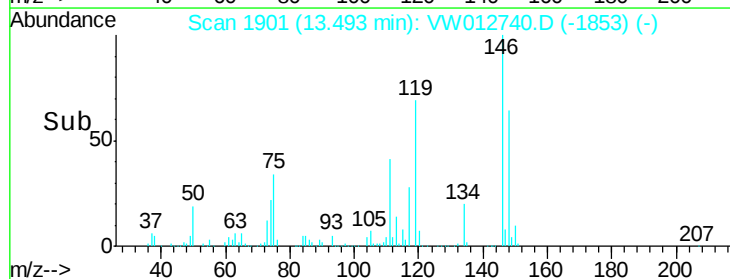
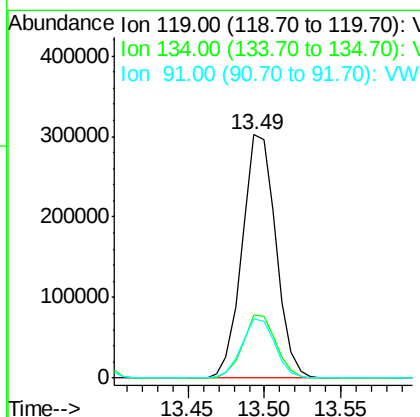
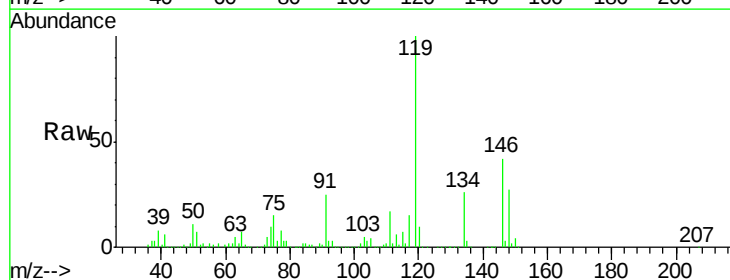
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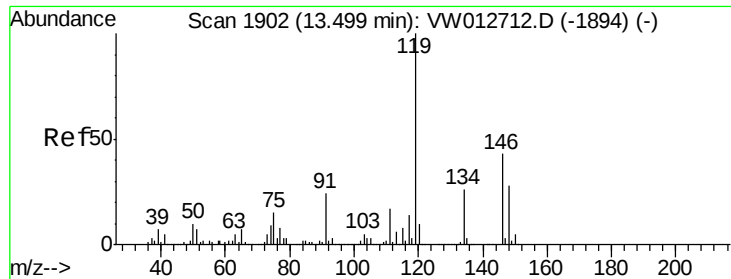
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#86
 p-Isopropyltoluene
 Concen: 46.590 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.1
91	24.3	12.2	36.6





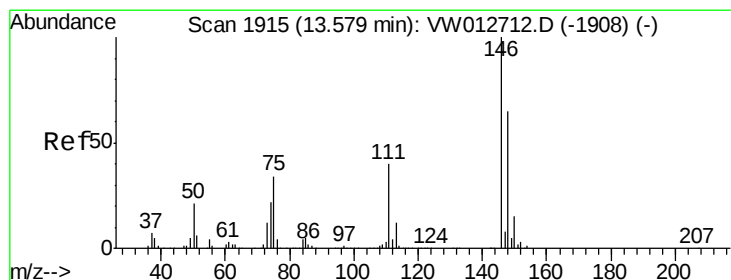
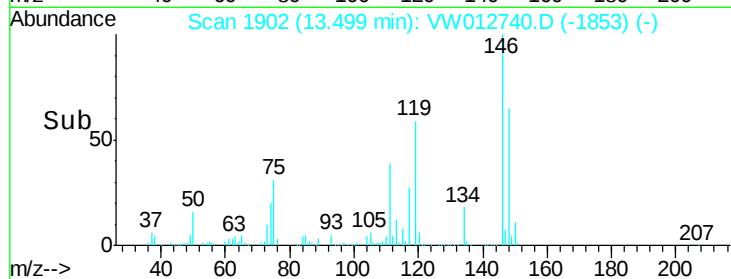
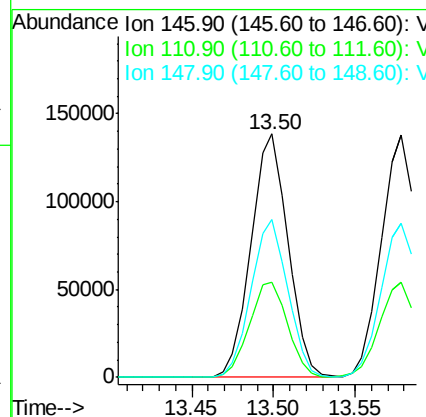
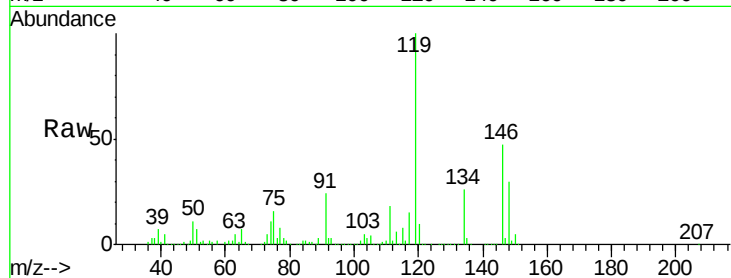
#87
 1,3-Dichlorobenzene
 Concen: 47.184 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.2
148	64.5	31.8	95.4

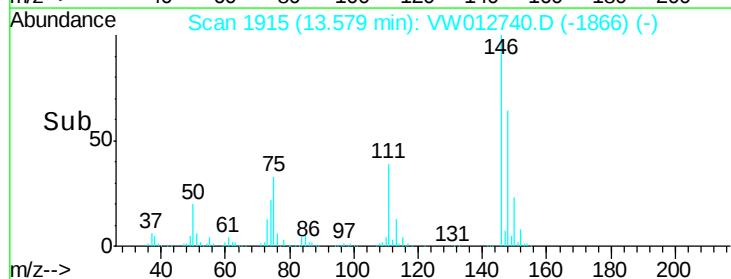
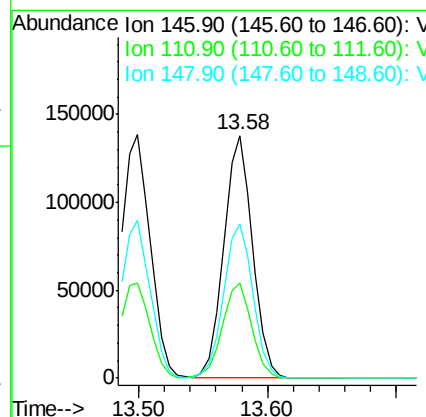
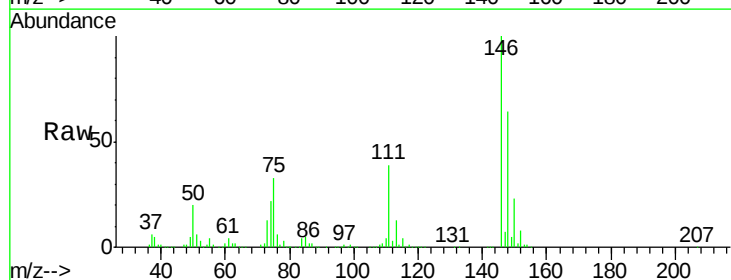
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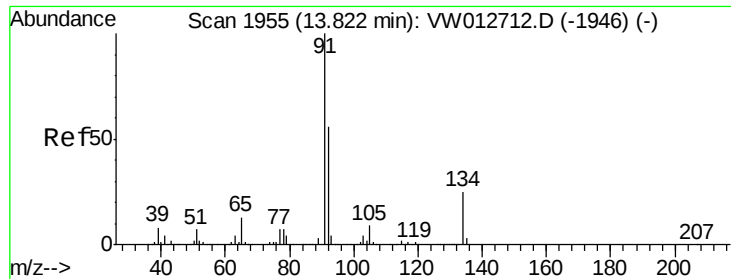
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#88
 1,4-Dichlorobenzene
 Concen: 46.734 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.8	32.2	96.6





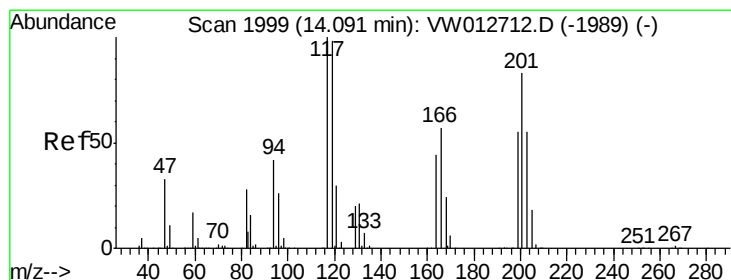
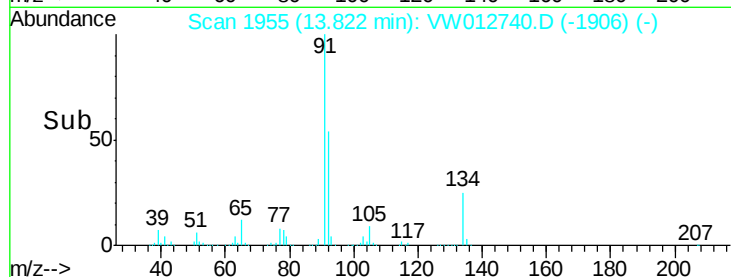
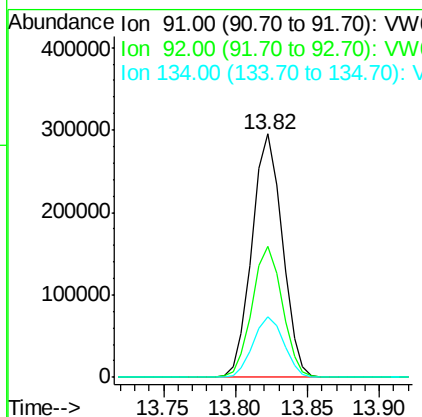
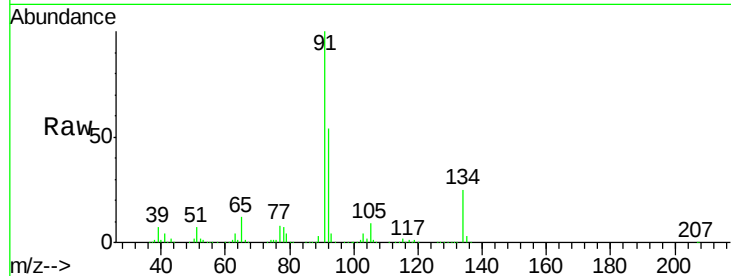
#89
n-Butylbenzene
Concen: 44.972 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.2	81.5
134	25.3	12.7	38.1

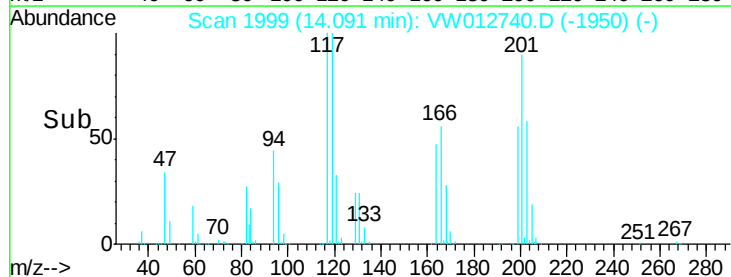
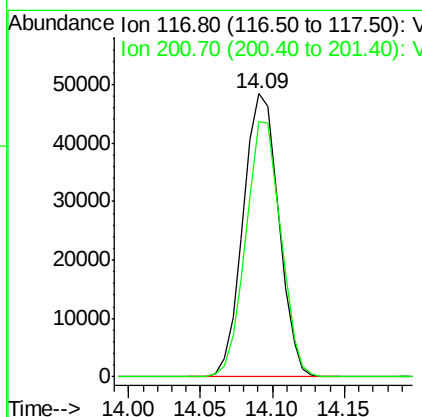
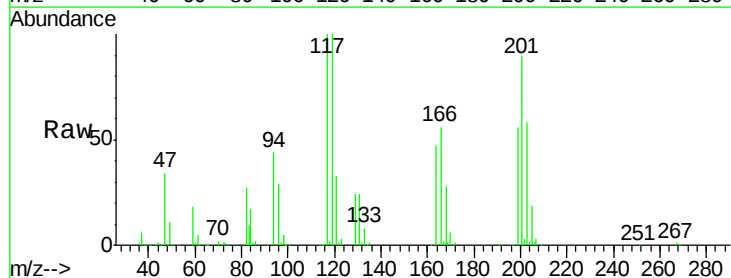
Manual Integrations
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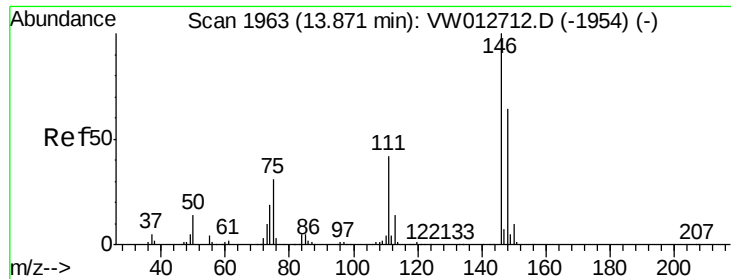
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#90
Hexachloroethane
Concen: 48.007 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	42.8	128.4





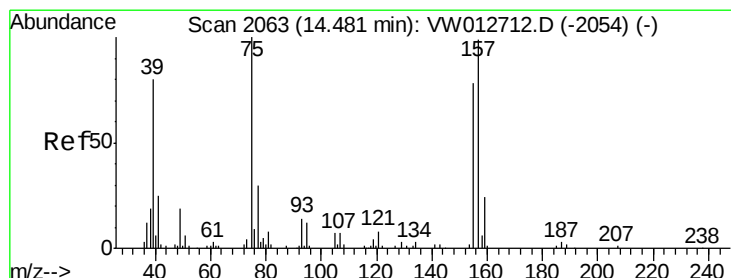
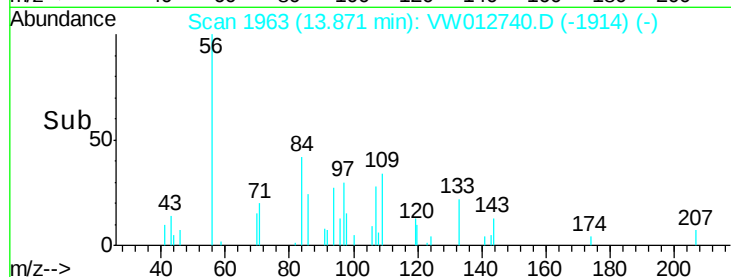
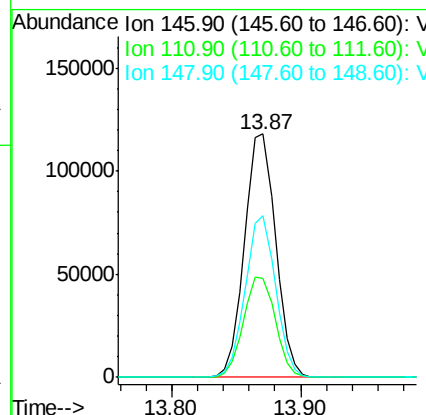
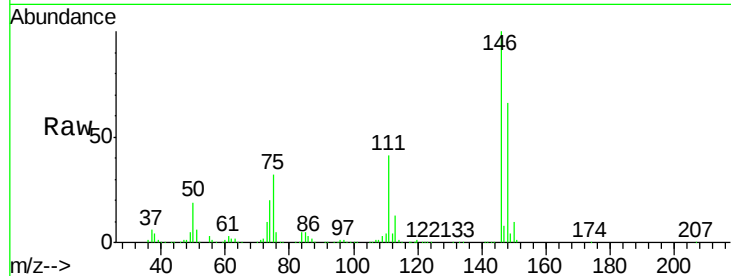
#91
 1,2-Dichlorobenzene
 Concen: 47.109 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.9
148	64.5	32.1	96.5

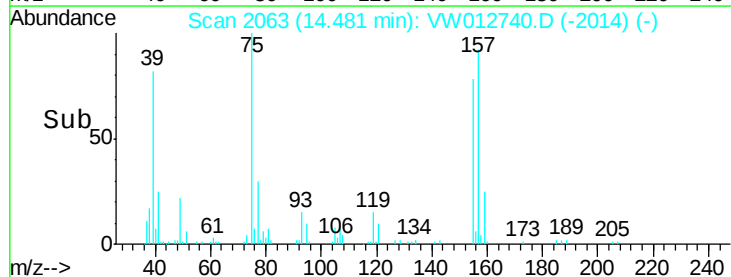
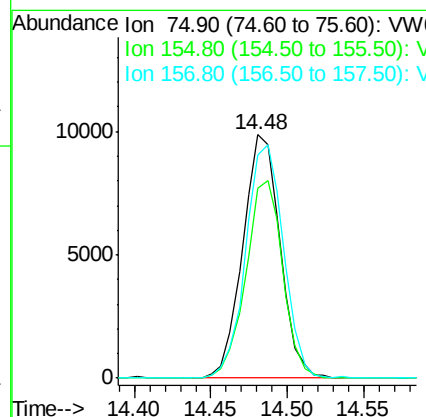
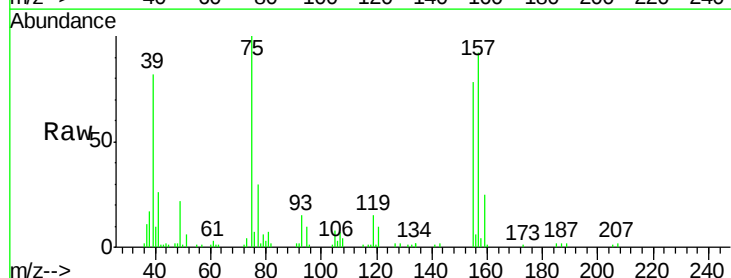
Manual Integrations
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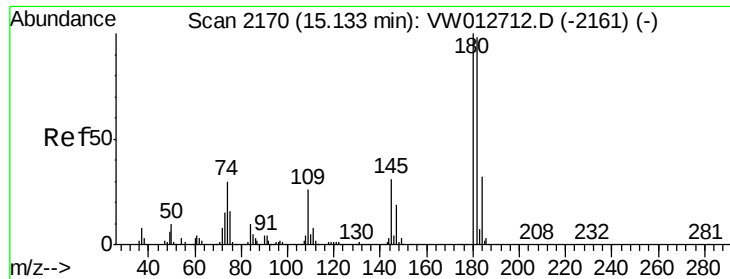
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.319 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	40.6	122.0
157	97.7	52.5	157.5





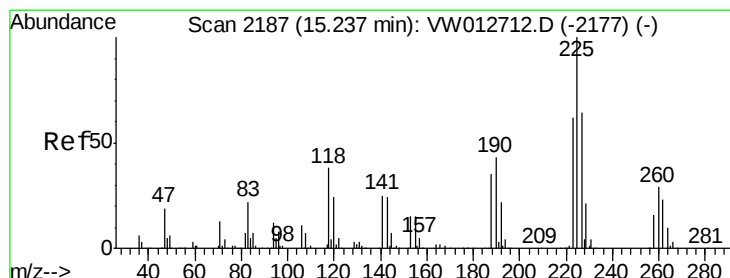
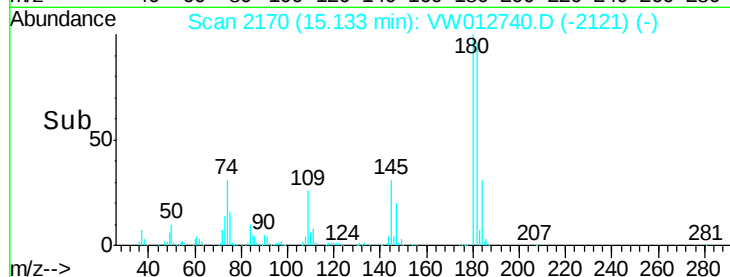
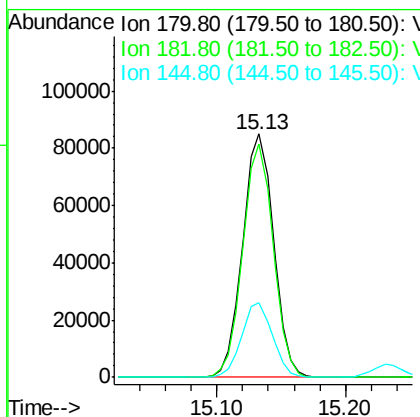
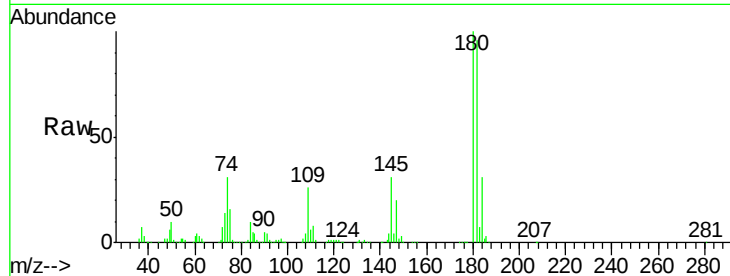
#93
 1,2,4-Trichlorobenzene
 Concen: 48.305 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140979		
182	94.5	48.7	146.1	
145	30.5	15.0	45.1	

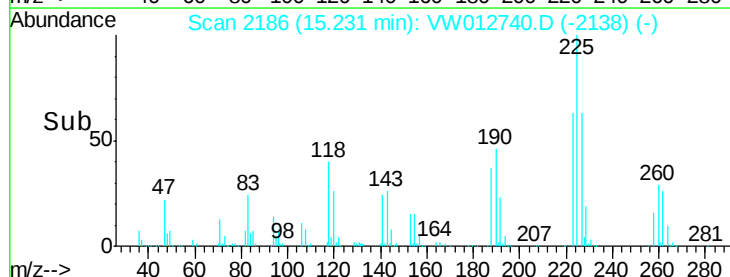
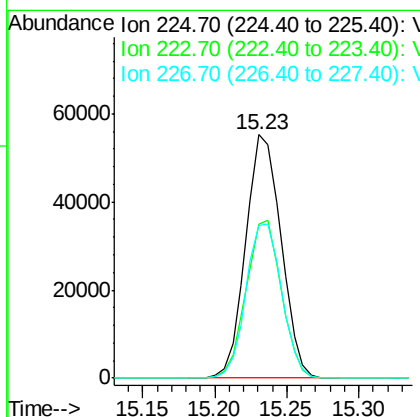
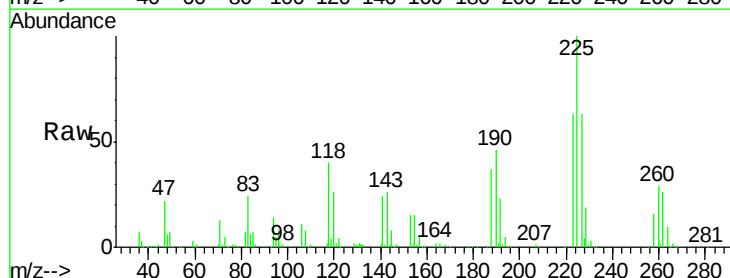
Manual Integrations
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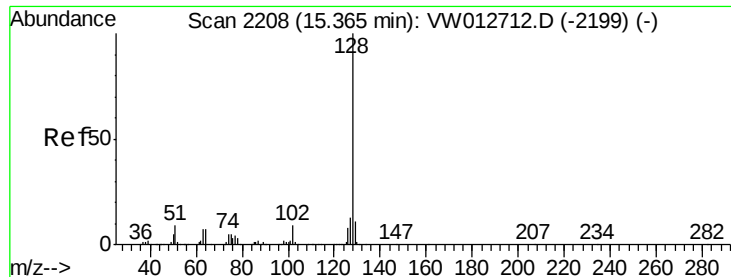
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#94
 Hexachlorobutadiene
 Concen: 46.473 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012740.D
 Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93879		
223	64.4	31.1	93.3	
227	63.8	31.4	94.2	





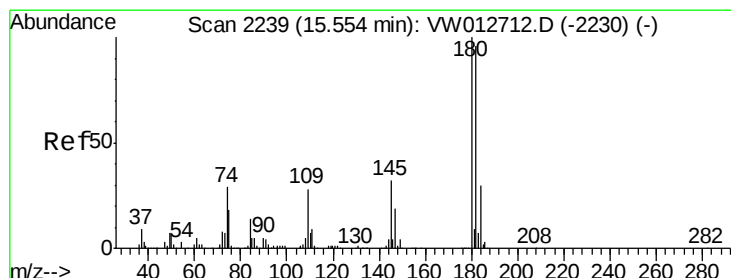
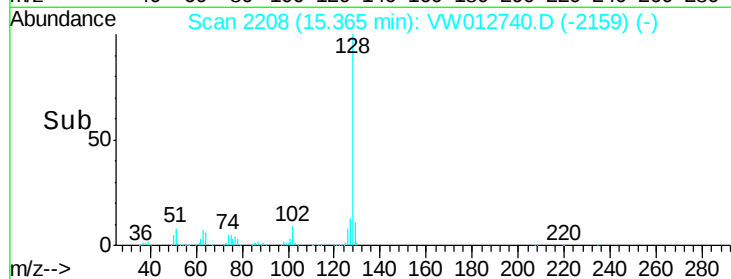
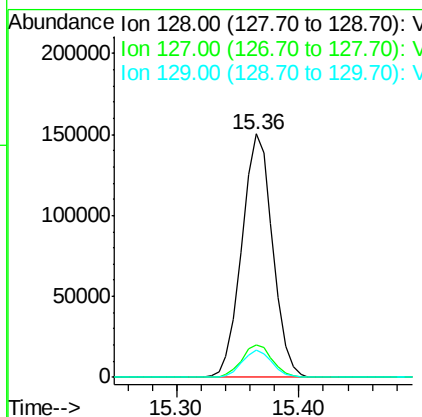
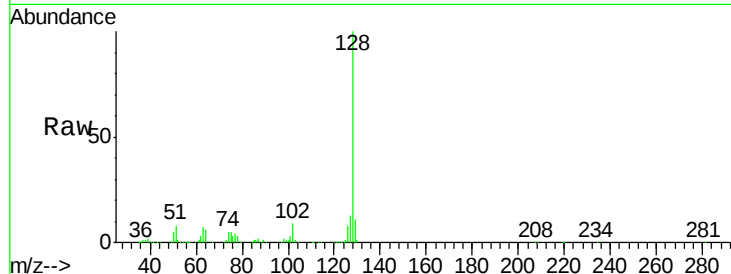
#95
Naphthalene
Concen: 43.493 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.045 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012740.D
Acq: 08 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.8	143.3
145	31.1	15.4	46.2

