

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011098.D
 Acq On : 01 Jul 2019 21:08
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 3:52:25 PM

Quant Time: Jul 02 09:27:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	148583	55.93	ug/l	0.00
Spiked Amount			Recovery	=	111.86%	
35) Dibromofluoromethane	7.88	113	113945	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	
50) Toluene-d8	10.32	98	462100	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.62	95	170462	53.76	ug/l	0.00
Spiked Amount			Recovery	=	107.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	74894	48.885	ug/l	98
3) Chloromethane	2.21	50	107881	52.527	ug/l	98
4) Vinyl Chloride	2.35	62	134137	50.161	ug/l	99
5) Bromomethane	2.75	94	64717	48.620	ug/l	98
6) Chloroethane	2.90	64	73953	52.454	ug/l	98
7) Trichlorofluoromethane	3.24	101	42340	53.879	ug/l	99
8) Diethyl Ether	3.67	74	71364	57.341	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	114964	52.017	ug/l	99
10) Methyl Iodide	4.27	142	167978	54.323	ug/l	99
11) Tert butyl alcohol	5.17	59	52081	269.911	ug/l	99
12) 1,1-Dichloroethene	4.04	96	121674	52.890	ug/l	97
13) Acrolein	3.88	56	38042	252.824	ug/l	97
14) Allyl chloride	4.66	41	210841	56.944	ug/l	100
15) Acrylonitrile	5.36	53	185617	302.867	ug/l	100
16) Acetone	4.12	43	169539	261.432	ug/l	100
17) Carbon Disulfide	4.38	76	336482	51.556	ug/l	100
18) Methyl Acetate	4.66	43	98030	58.356	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	196620	60.385	ug/l	96
20) Methylene Chloride	4.92	84	136992	51.992	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	129171	54.490	ug/l	99
22) Diisopropyl ether	6.31	45	513016	57.577	ug/l	98
23) Vinyl Acetate	6.25	43	1651653	300.845	ug/l	100
24) 1,1-Dichloroethane	6.21	63	262205	55.751	ug/l	99
25) 2-Butanone	7.16	43	286387	290.528	ug/l	99
26) 2,2-Dichloropropane	7.16	77	115282	47.210	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	143901	56.378	ug/l	98
28) Bromochloromethane	7.51	49	107739	49.208	ug/l	99
29) Tetrahydrofuran	7.52	42	189394	308.642	ug/l	99
30) Chloroform	7.67	83	240605	56.311	ug/l	97
31) Cyclohexane	7.95	56	254713	50.121	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	175041	54.822	ug/l	99
36) 1,1-Dichloropropene	8.08	75	192156	51.836	ug/l	99
37) Ethyl Acetate	7.24	43	127991	59.351	ug/l	99
38) Carbon Tetrachloride	8.06	117	160712	52.644	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	239130	52.417	ug/l	98
40) Benzene	8.32	78	555753	54.508	ug/l	99
41) Methacrylonitrile	7.48	41	70284	53.569	ug/l	91
42) 1,2-Dichloroethane	8.40	62	185368	55.449	ug/l	100
43) Isopropyl Acetate	8.42	43	242350	59.406	ug/l	99
44) Trichloroethene	9.09	130	130566	52.987	ug/l	99
45) 1,2-Dichloropropane	9.37	63	153875	55.575	ug/l	96
46) Dibromomethane	9.46	93	72709	56.150	ug/l	100
47) Bromodichloromethane	9.64	83	180164	56.196	ug/l	100
48) Methyl methacrylate	9.43	41	119454	60.390	ug/l	98
49) 1,4-Dioxane	9.44	88	25082	1152.019	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	646247	300.938	ug/l	99
52) Toluene	10.38	92	340684	54.578	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	191722	57.413	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	227058	57.000	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102767	56.174	ug/l	97
56) Ethyl methacrylate	10.65	69	165456	60.396	ug/l	99
57) 1,3-Dichloropropane	10.93	76	195941	56.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	378417	273.006	ug/l	99
59) 2-Hexanone	10.97	43	446498	298.150	ug/l	98
60) Dibromochloromethane	11.13	129	112591	58.689	ug/l	96
61) 1,2-Dibromoethane	11.23	107	98691	57.624	ug/l	100
64) Tetrachloroethene	10.86	164	112294	52.619	ug/l	98
65) Chlorobenzene	11.66	112	344209	54.224	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	121022	56.153	ug/l	99
67) Ethyl Benzene	11.73	91	660542	54.329	ug/l	99
68) m/p-Xylenes	11.84	106	476949	108.109	ug/l	100
69) o-Xylene	12.16	106	226245	55.058	ug/l	99
70) Styrene	12.18	104	398948	55.870	ug/l	99
71) Bromoform	12.35	173	62679	59.655	ug/l #	99
73) Isopropylbenzene	12.46	105	619745	54.649	ug/l	100
74) N-amyl acetate	12.27	43	229431	60.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	130405	58.558	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	93541m	58.530	ug/l	
77) Bromobenzene	12.75	156	140030	56.177	ug/l	98
78) n-propylbenzene	12.80	91	755231	53.778	ug/l	99
79) 2-Chlorotoluene	12.89	91	440711	54.930	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	525370	54.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39283	52.111	ug/l	99
82) 4-Chlorotoluene	12.99	91	452461	54.116	ug/l	100
83) tert-Butylbenzene	13.21	119	435854	54.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	534652	55.032	ug/l	99
85) sec-Butylbenzene	13.38	105	630028	54.108	ug/l	99
86) p-Isopropyltoluene	13.50	119	569676	54.368	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	267433	54.238	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	264790	53.797	ug/l	99
89) n-Butylbenzene	13.82	91	567043	53.243	ug/l	100
90) Hexachloroethane	14.10	117	100687	56.161	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	244656	55.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22804	60.253	ug/l	97

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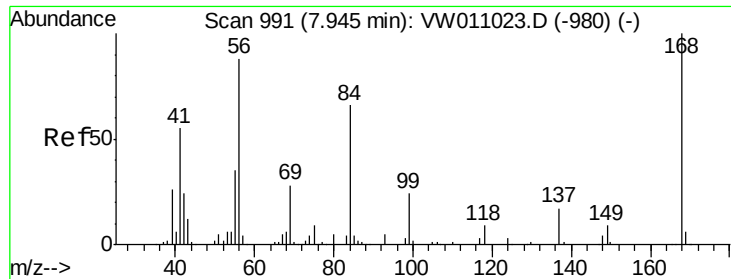
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	171046	54.896	ug/l	100
94) Hexachlorobutadiene	15.24	225	101364	53.637	ug/l	99
95) Naphthalene	15.37	128	355225	60.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	153058	55.013	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 203231

Ion Ratio Lower Upper

168 100

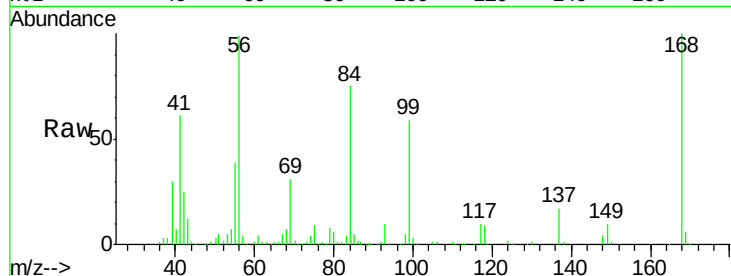
99 59.0 47.8 71.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

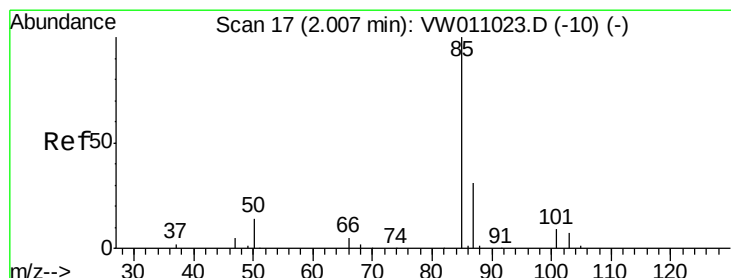
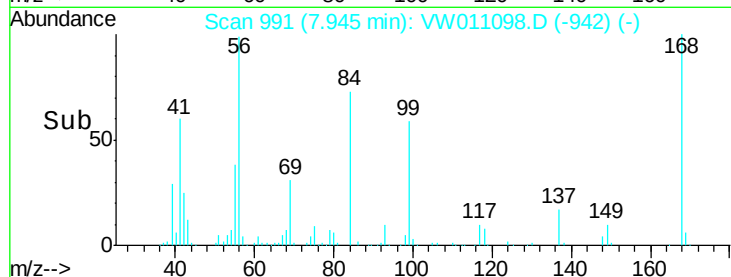
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.885 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011098.D

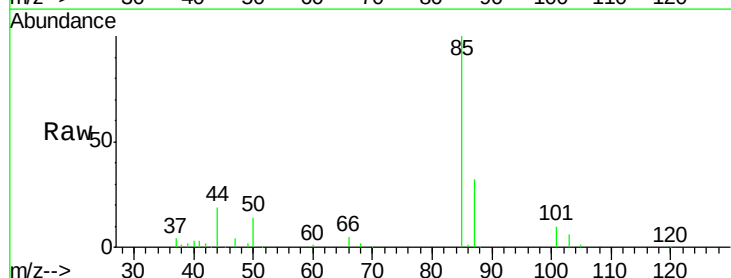
Acq: 01 Jul 2019 21:08

Tgt Ion: 85 Resp: 74894

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

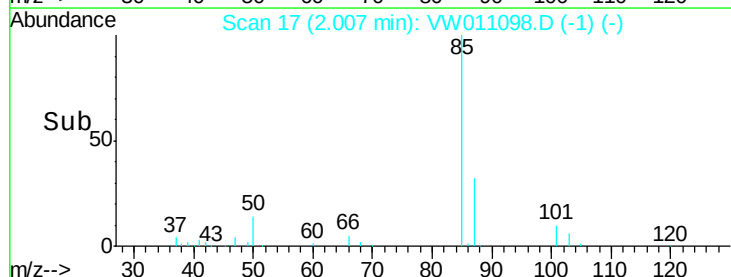
15000

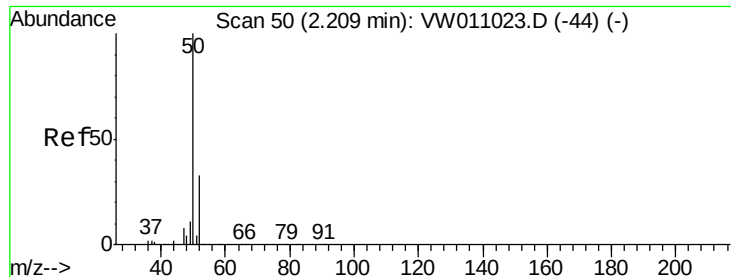
10000

5000

0

Time-->





#3

Chloromethane

Concen: 52.527 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 107881

Ion Ratio Lower Upper

50 100

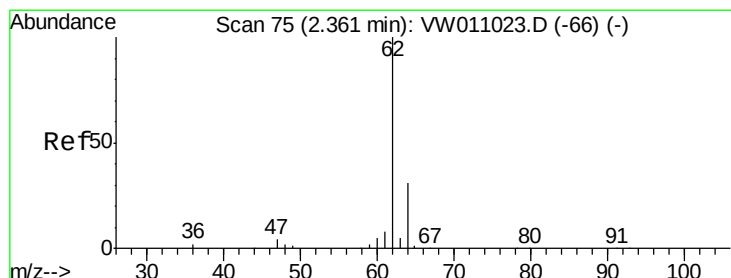
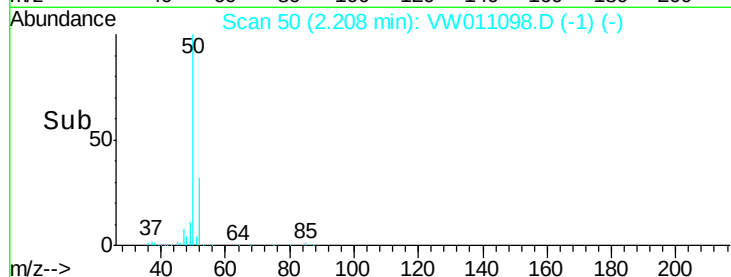
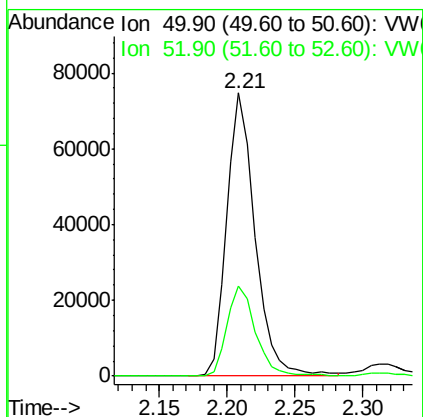
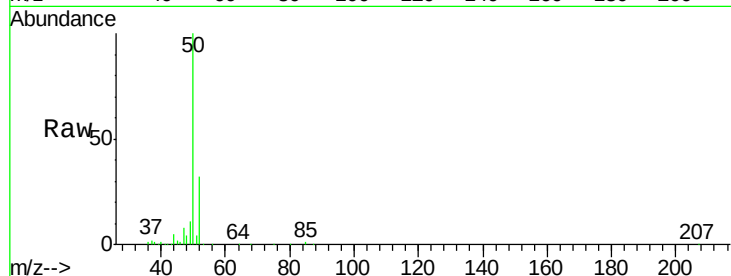
52 32.1 26.6 40.0

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#4

Vinyl Chloride

Concen: 50.161 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011098.D

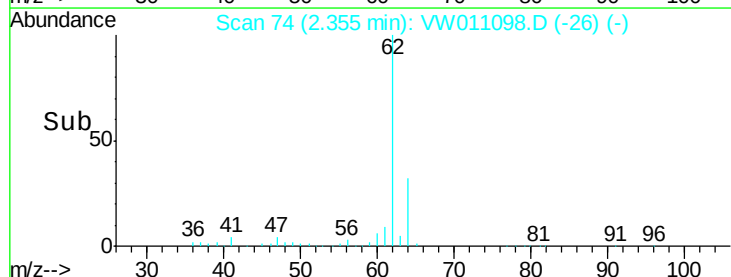
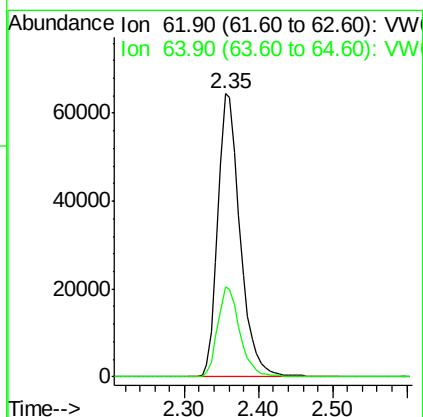
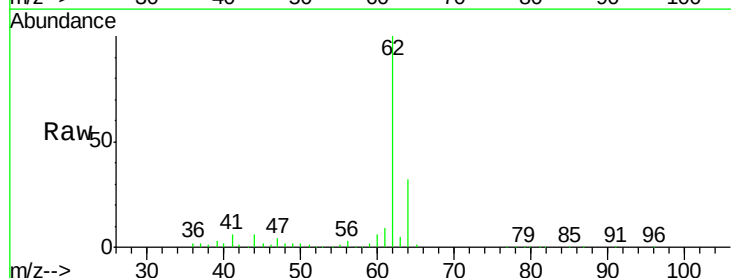
Acq: 01 Jul 2019 21:08

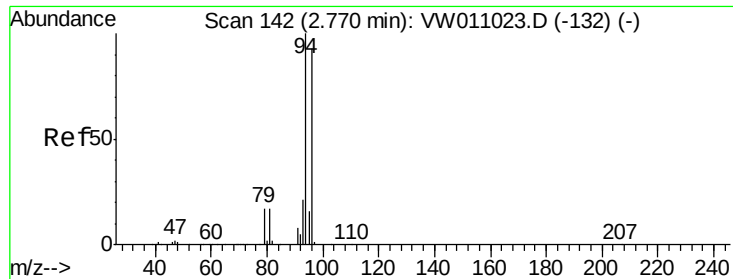
Tgt Ion: 62 Resp: 134137

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 48.620 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 64717

Ion Ratio Lower Upper

94 100

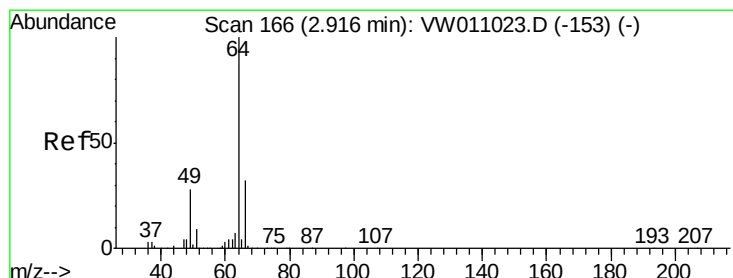
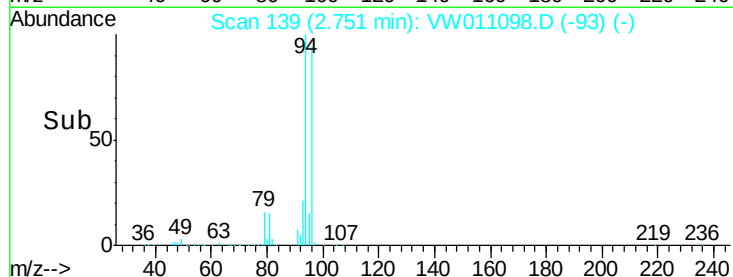
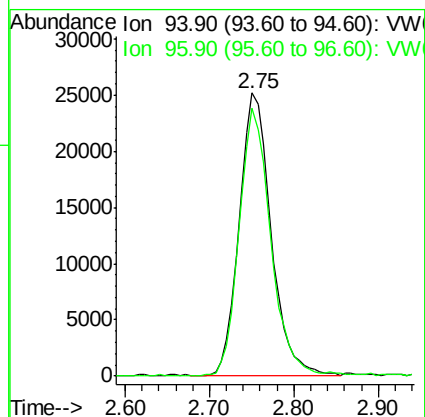
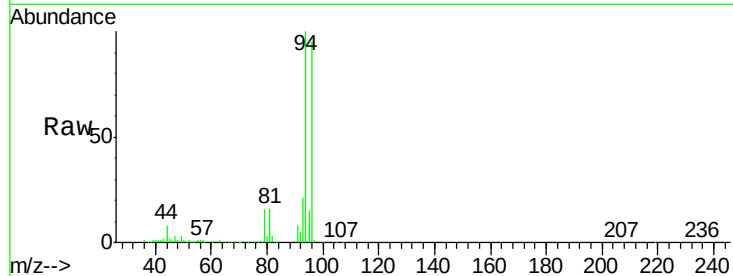
96 94.2 74.2 111.2

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#6

Chloroethane

Concen: 52.454 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW011098.D

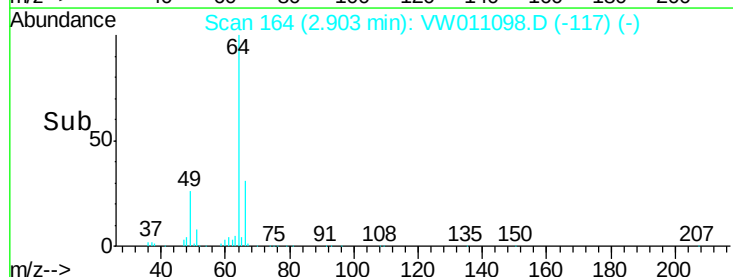
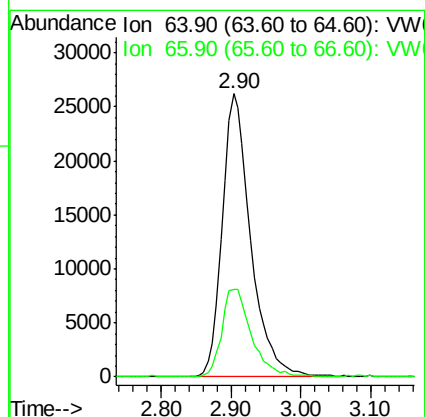
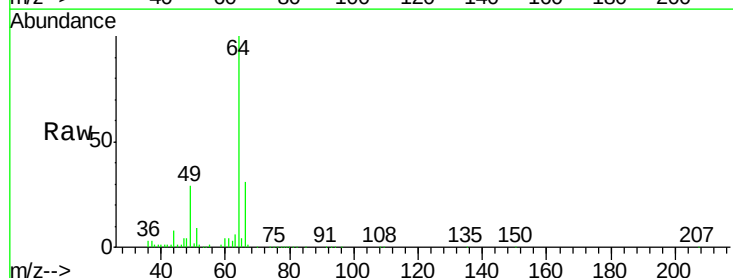
Acq: 01 Jul 2019 21:08

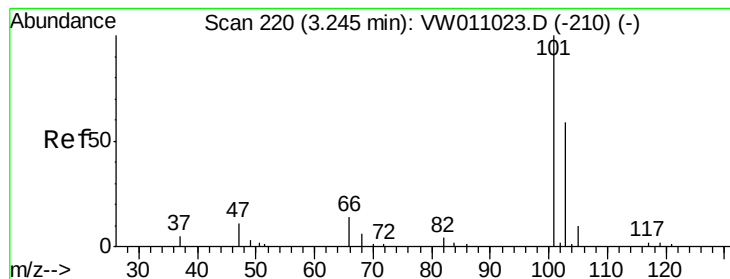
Tgt Ion: 64 Resp: 73953

Ion Ratio Lower Upper

64 100

66 30.9 25.7 38.5





#7

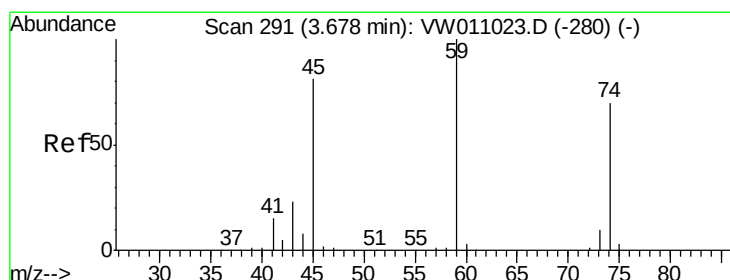
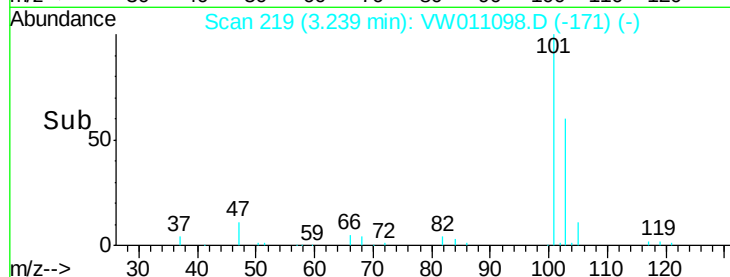
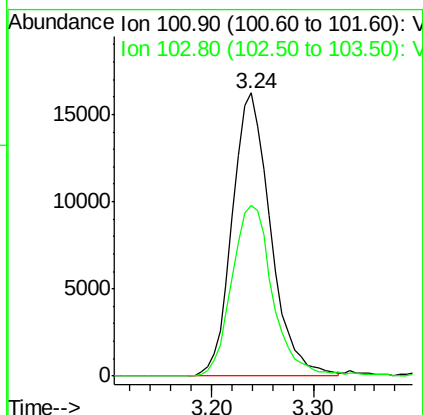
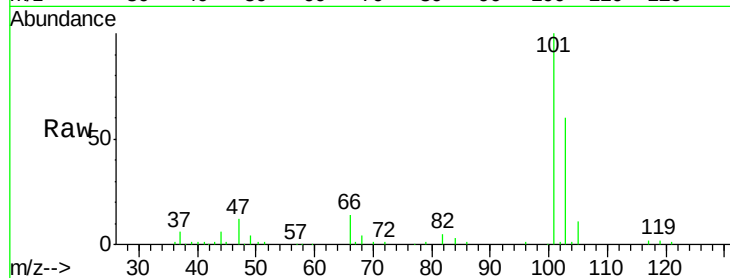
Trichlorofluoromethane
Concen: 53.879 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.01 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 42340
Ion Ratio Lower Upper
101 100
103 60.1 47.5 71.3

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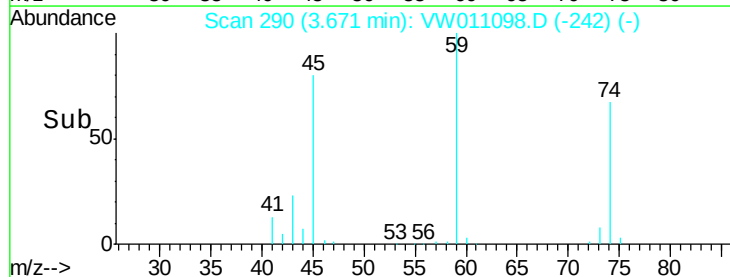
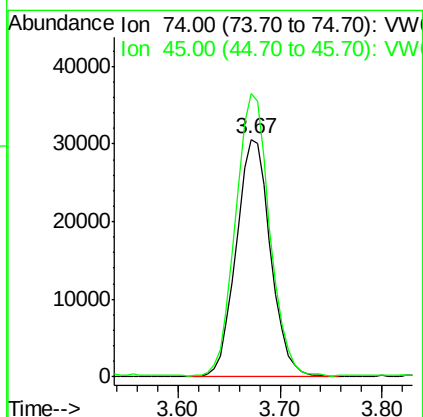
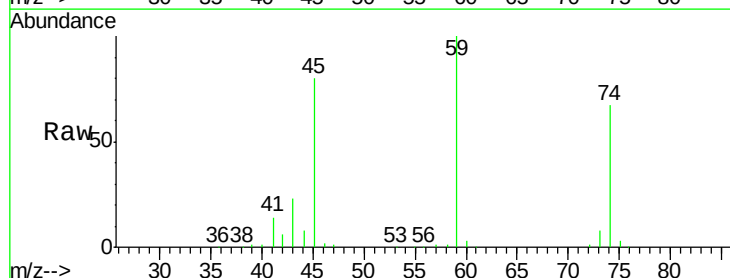
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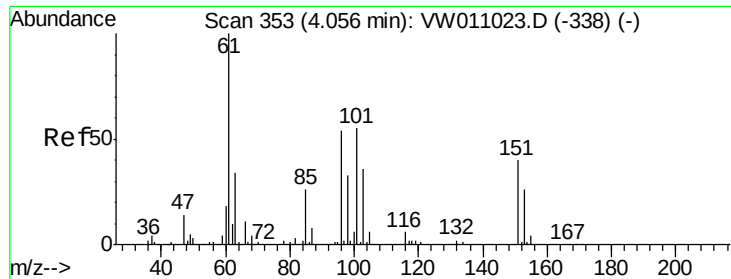


#8

Diethyl Ether
Concen: 57.341 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion: 74 Resp: 71364
Ion Ratio Lower Upper
74 100
45 117.8 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.017 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

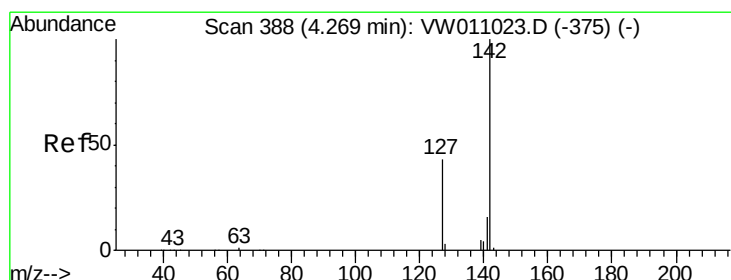
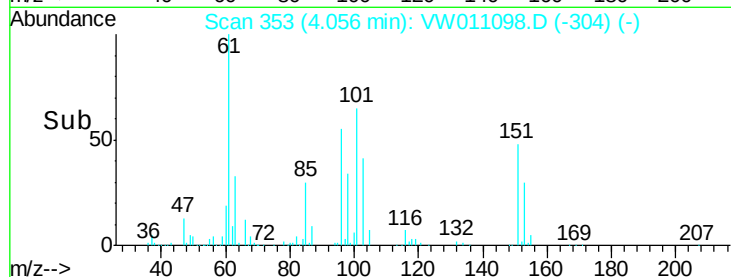
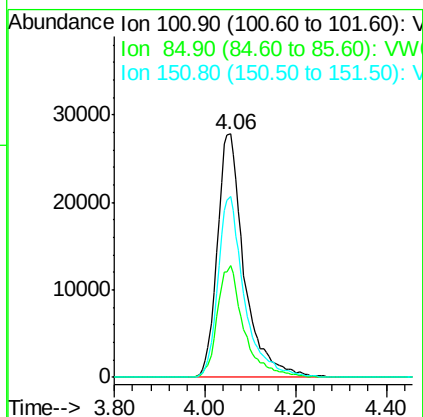
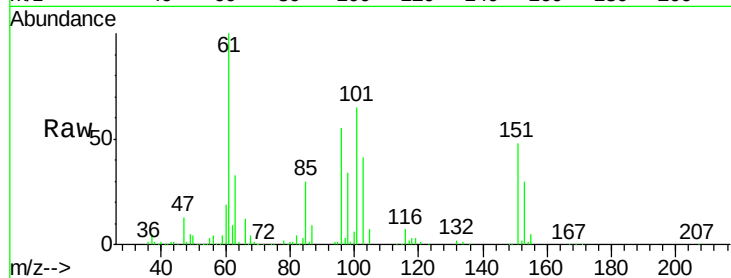
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	114964
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	55.0
151	73.0	58.9	88.3

Manual Integrations
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#10

Methyl Iodide

Concen: 54.323 ug/l

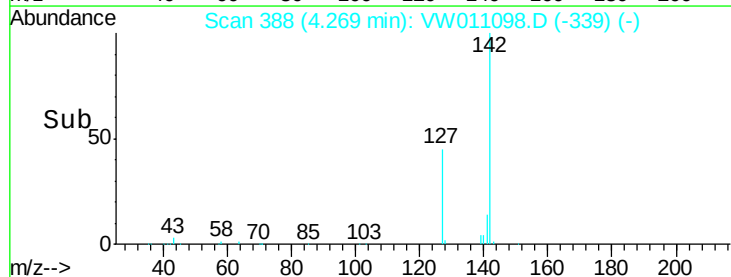
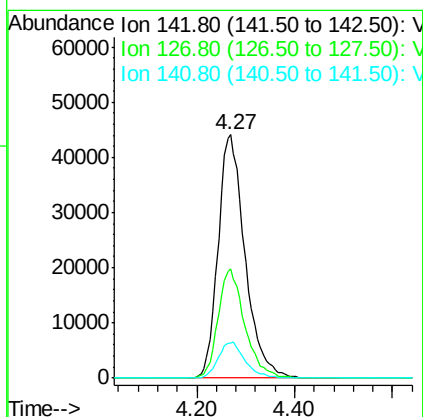
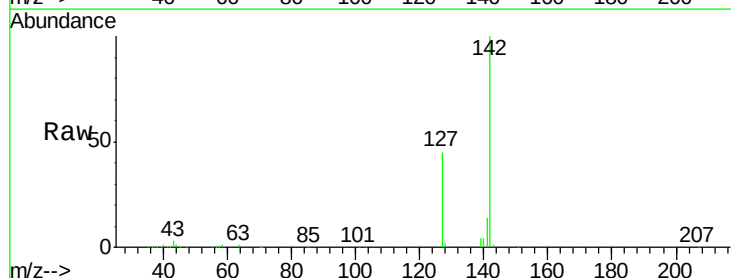
RT: 4.27 min Scan# 388

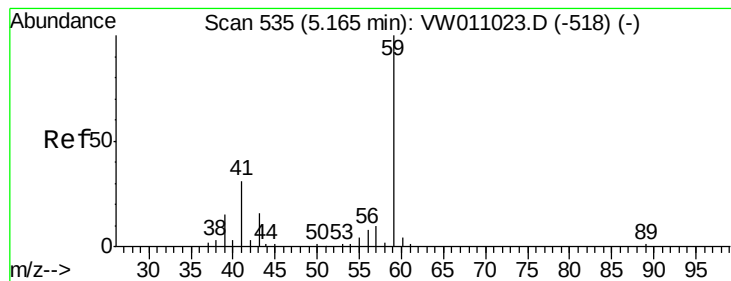
Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Tgt Ion:	142	Resp:	167978
Ion Ratio	Lower	Upper	
142	100		
127	44.5	35.8	53.8
141	14.7	12.2	18.2





#11

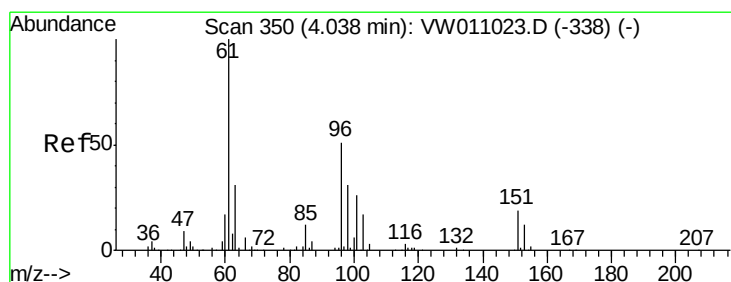
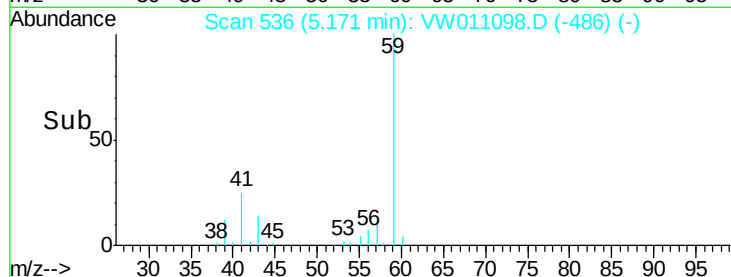
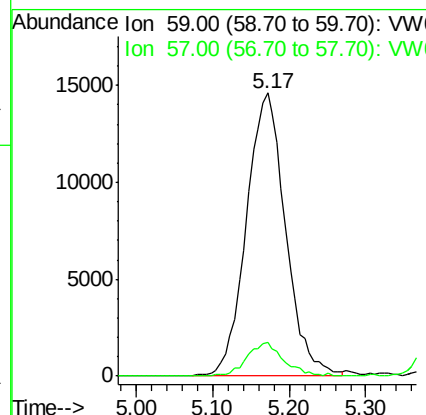
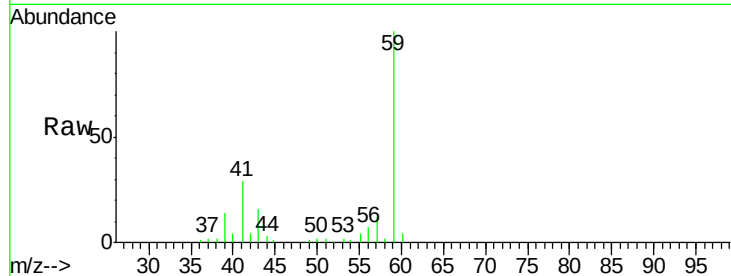
Tert butyl alcohol
 Concen: 269.911 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.0	13.4

Manual Integrations
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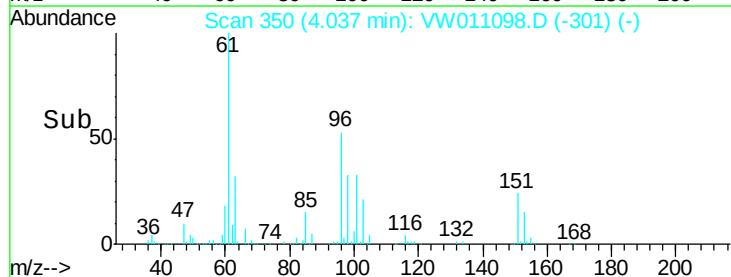
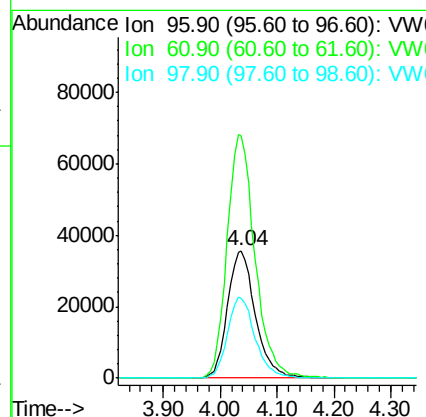
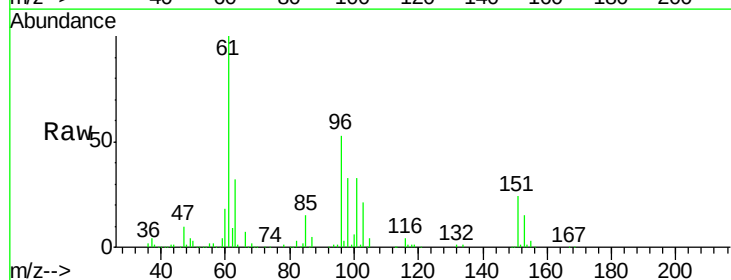
MMDadoda
 7/2/2019 3:52:25 PM

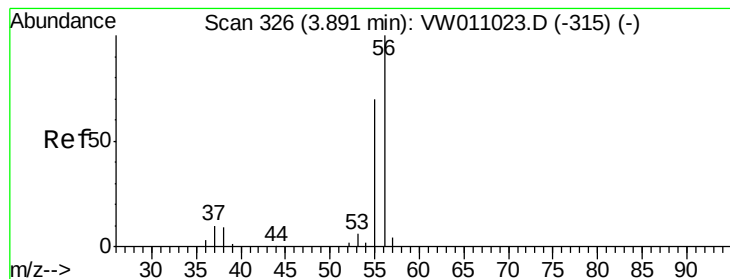


#12

1,1-Dichloroethene
 Concen: 52.890 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	190.2	156.0	234.0
98	63.2	48.7	73.1





#13

Acrolein

Concen: 252.824 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 38042

Ion Ratio Lower Upper

56 100

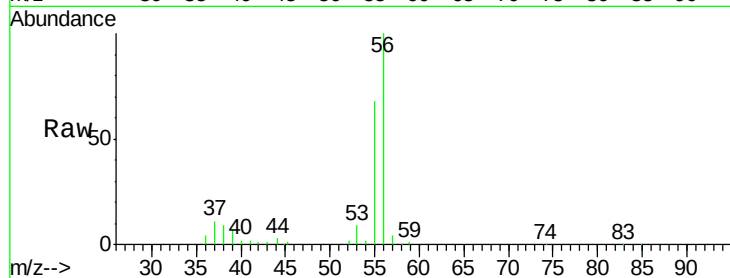
55 72.2 55.7 83.5

Manual Integrations

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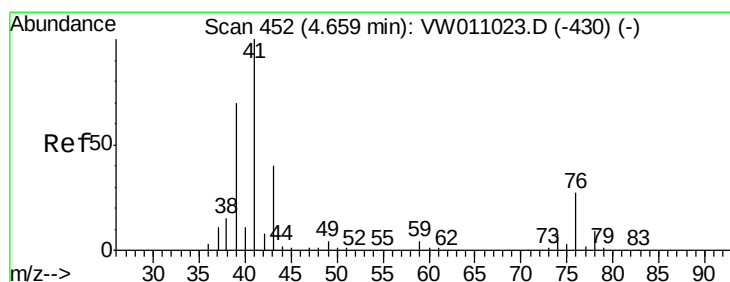
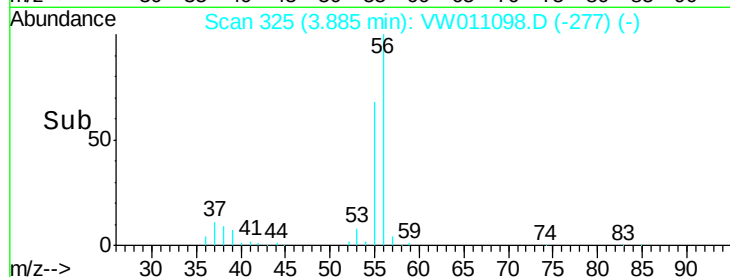
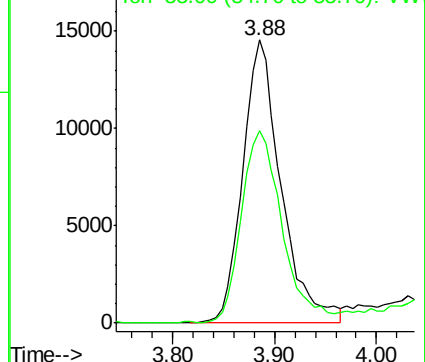
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 56.944 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

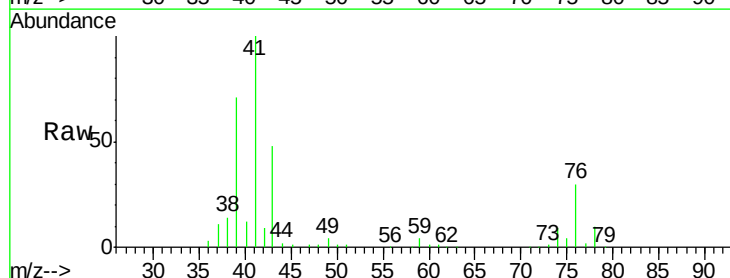
Tgt Ion: 41 Resp: 210841

Ion Ratio Lower Upper

41 100

39 69.1 55.4 83.2

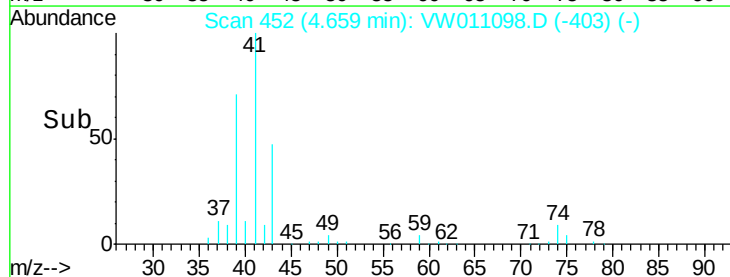
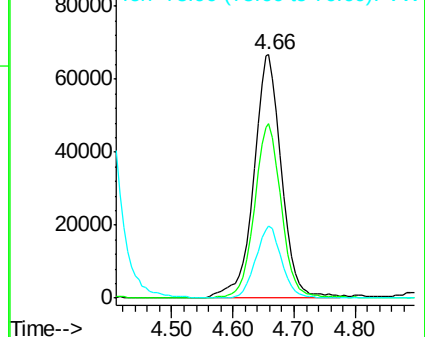
76 27.3 22.0 33.0

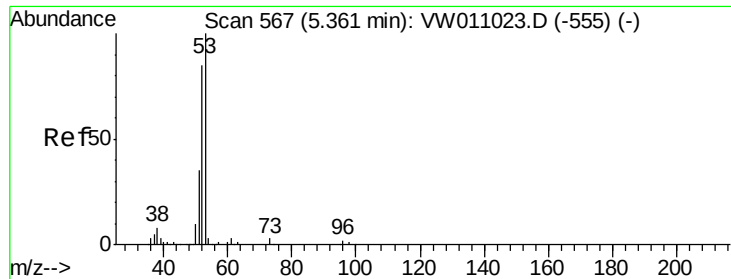


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 302.867 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

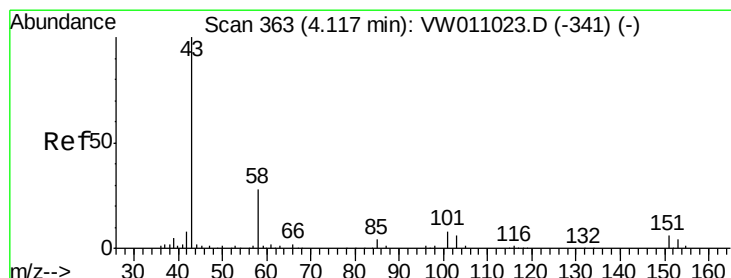
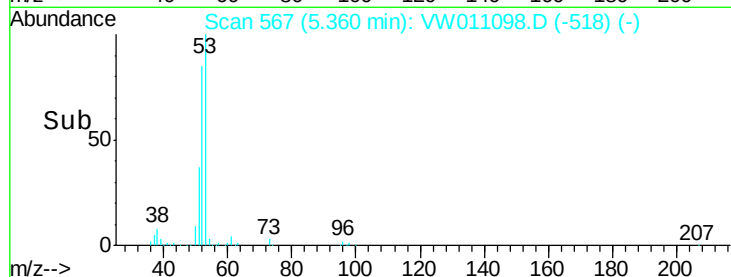
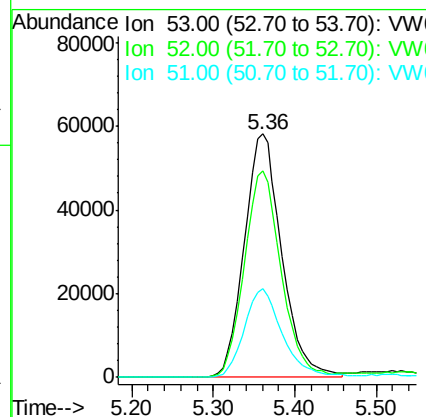
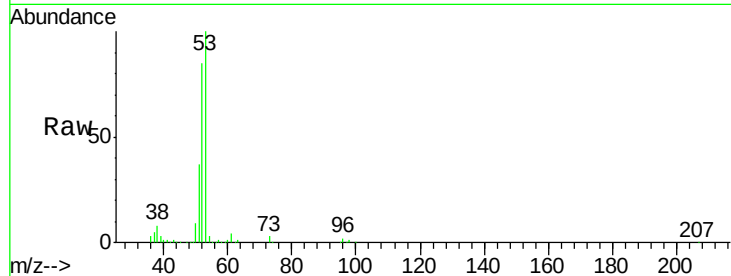
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	185617
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.3	99.5
51	37.4	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 261.432 ug/l

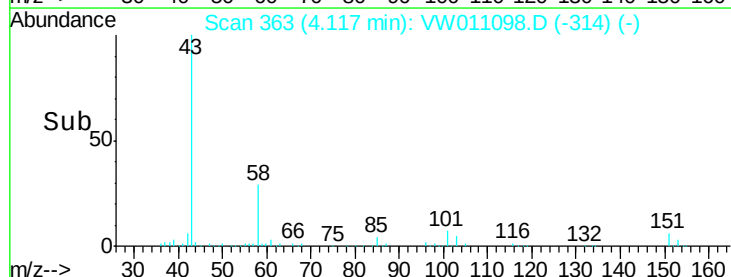
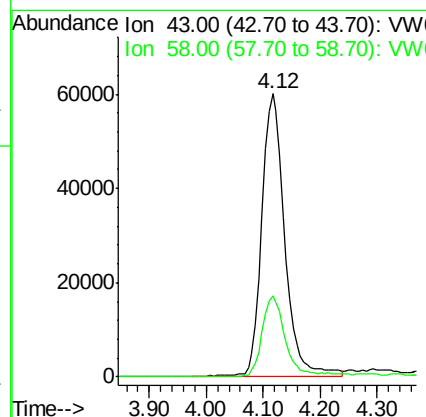
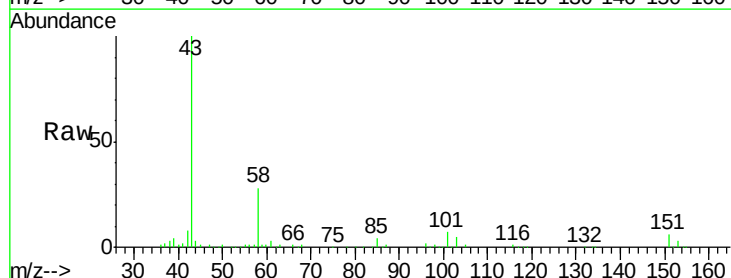
RT: 4.12 min Scan# 363

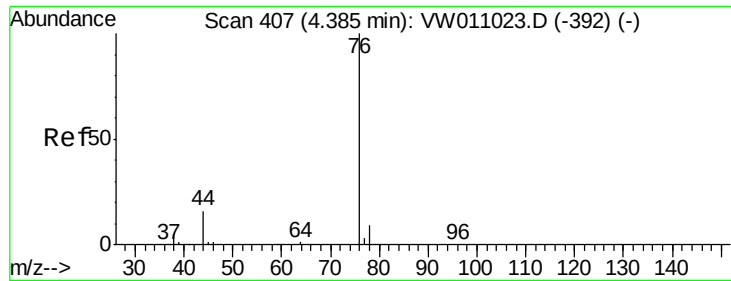
Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Tgt Ion:	43	Resp:	169539
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.5	33.7





#17

Carbon Disulfide

Concen: 51.556 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 336482

Ion Ratio Lower Upper

76 100

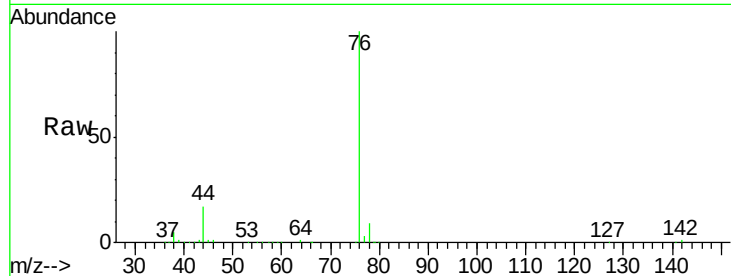
78 9.0 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

120000

100000

80000

60000

40000

20000

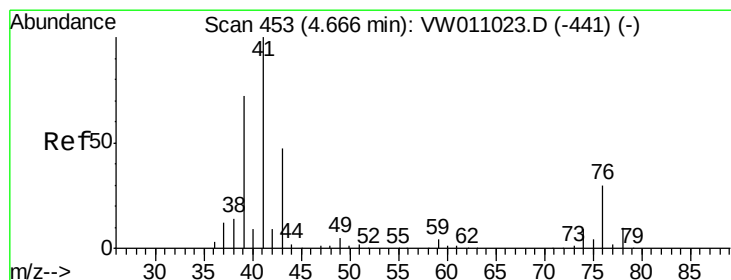
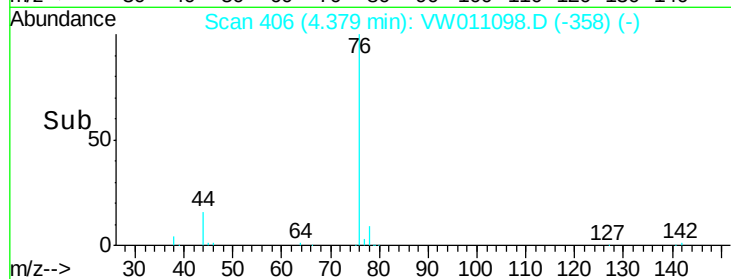
0

4.20

4.40

4.60

Time-->



#18

Methyl Acetate

Concen: 58.356 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011098.D

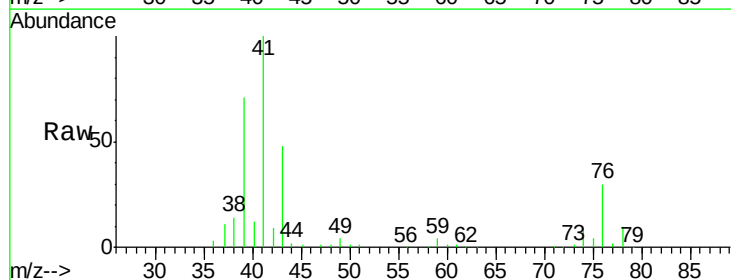
Acq: 01 Jul 2019 21:08

Tgt Ion: 43 Resp: 98030

Ion Ratio Lower Upper

43 100

74 19.6 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

30000

20000

10000

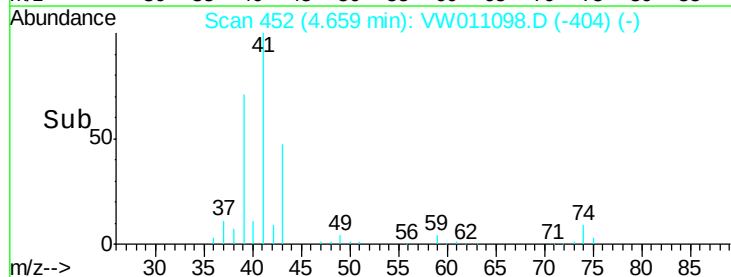
0

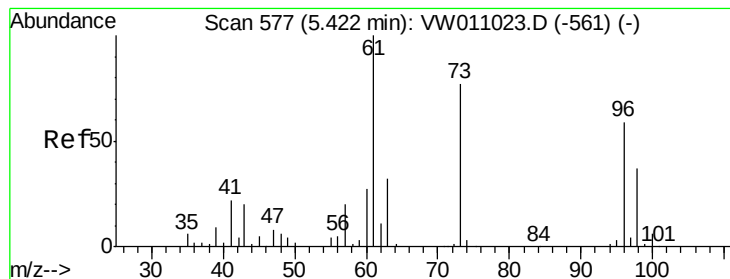
4.60

4.70

4.80

Time-->





#19

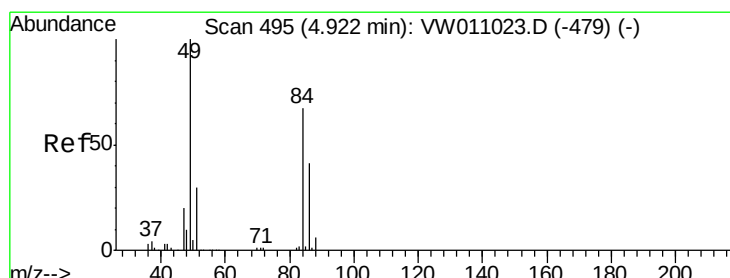
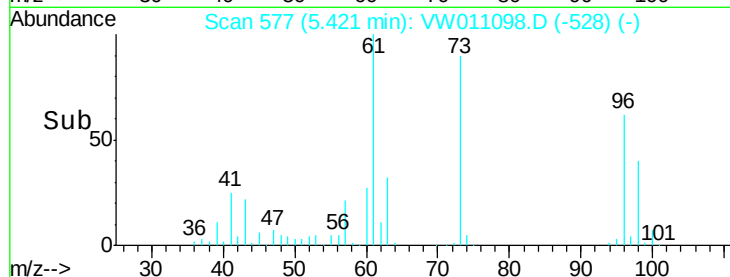
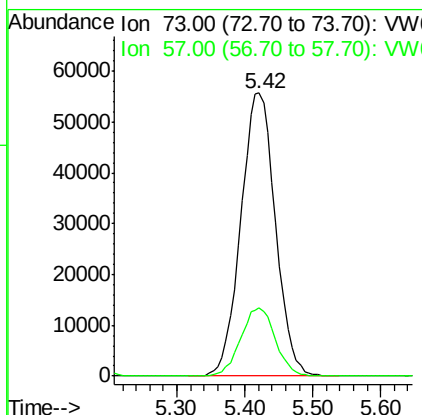
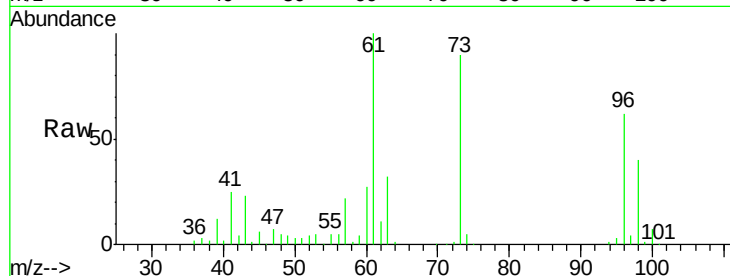
Methyl tert-butyl Ether
 Concen: 60.385 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	20.8	31.2

Manual Integrations
 APPROVED

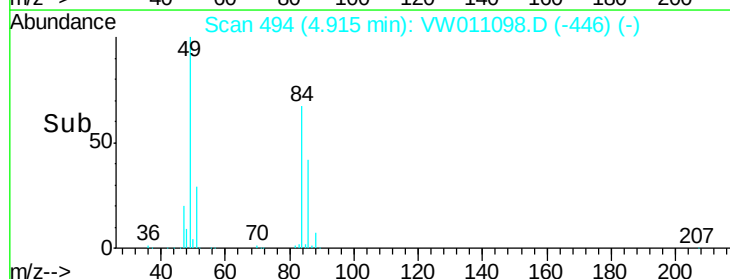
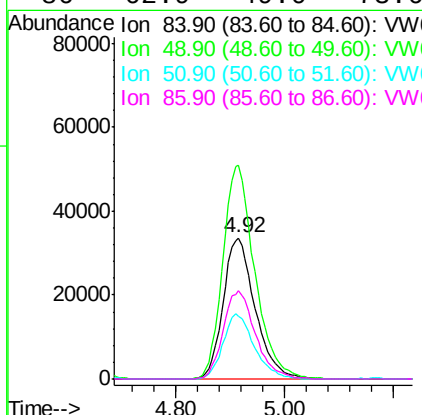
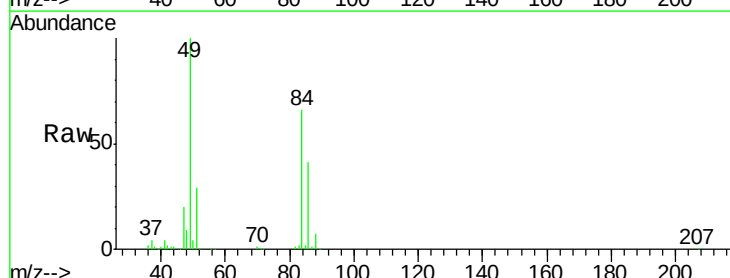
MMDadoda
 7/2/2019 3:52:25 PM

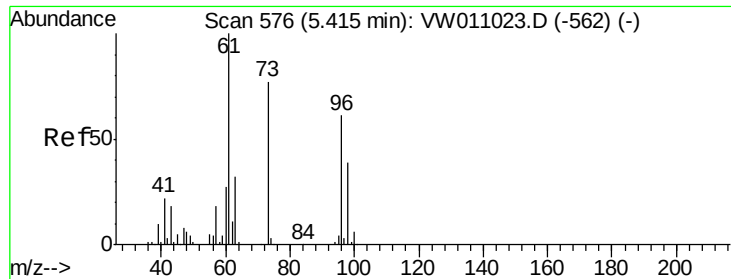


#20

Methylene Chloride
 Concen: 51.992 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	151.5	119.6	179.4
51	44.7	35.6	53.4
86	62.9	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 54.490 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

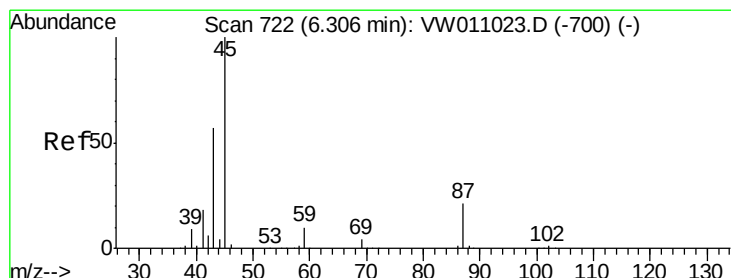
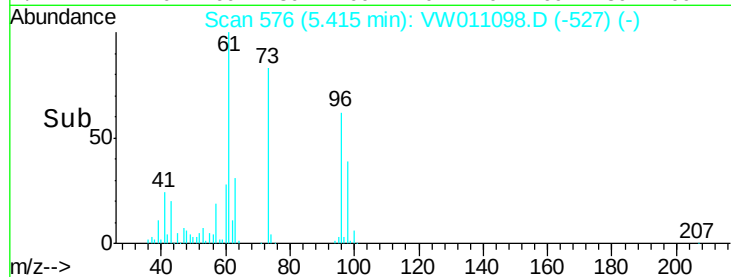
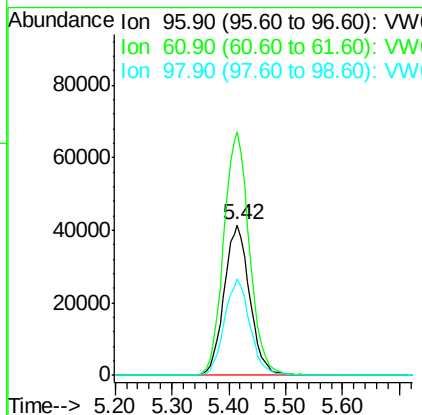
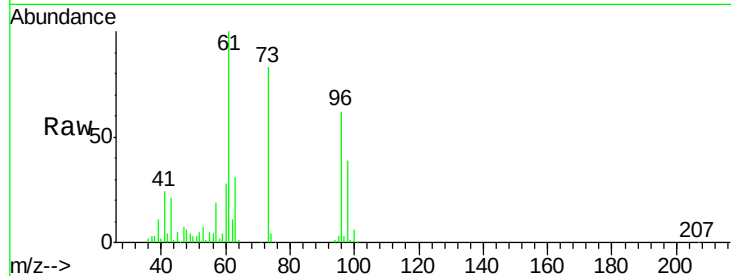
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	129171
Ion	Ratio	Lower	Upper
96	100		
61	162.2	131.0	196.4
98	64.0	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.577 ug/l

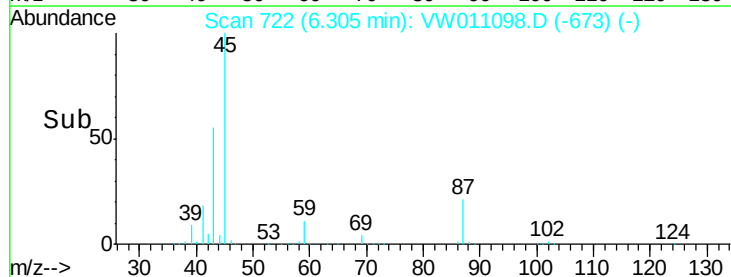
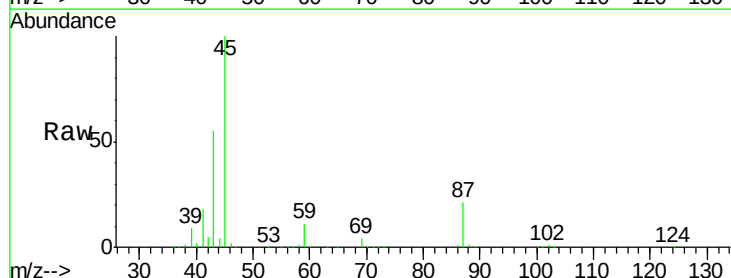
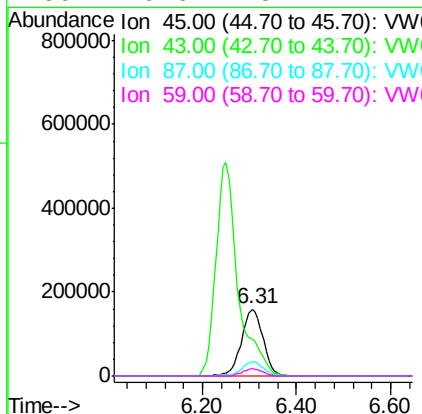
RT: 6.31 min Scan# 722

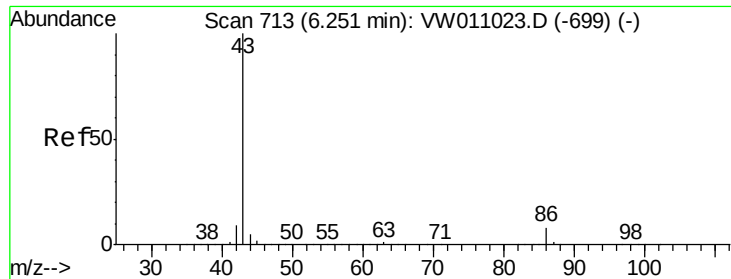
Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Tgt Ion:	45	Resp:	513016
Ion	Ratio	Lower	Upper
45	100		
43	54.9	45.8	68.6
87	21.5	17.1	25.7
59	10.6	8.2	12.4





#23

Vinyl Acetate

Concen: 300.845 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1651653

Ion Ratio Lower Upper

43 100

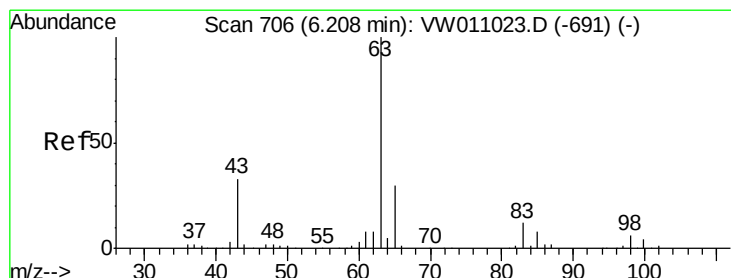
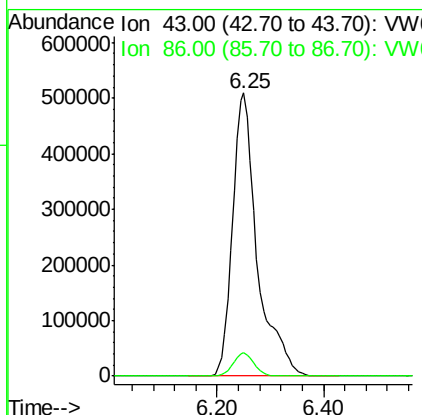
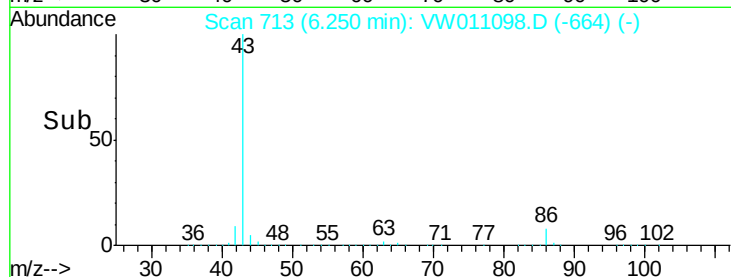
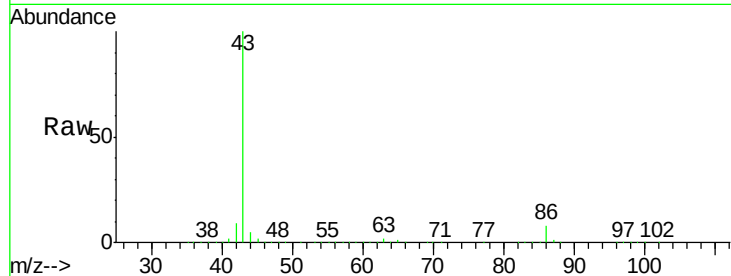
86 8.2 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.751 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

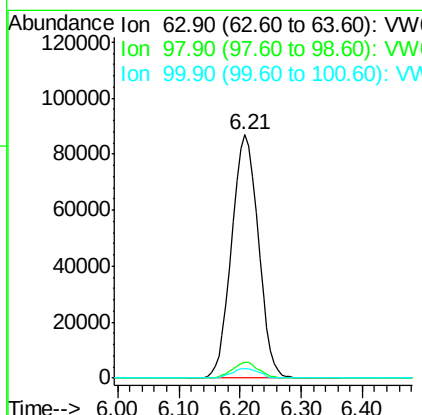
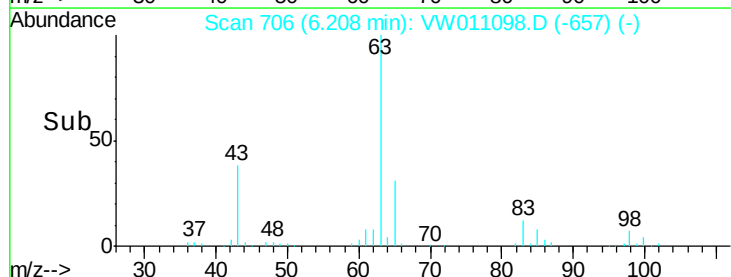
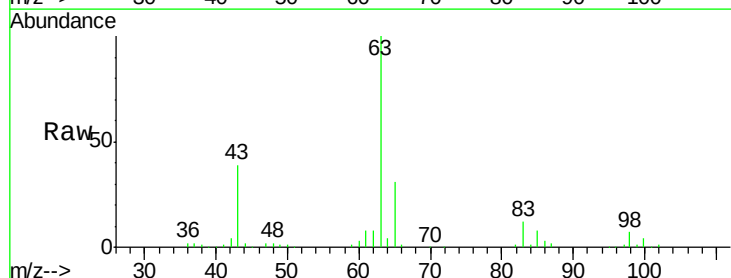
Tgt Ion: 63 Resp: 262205

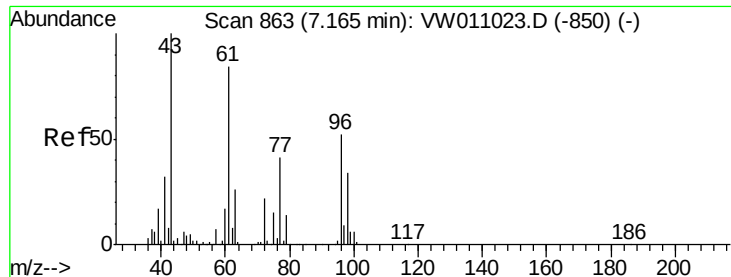
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 290.528 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 286387

Ion Ratio Lower Upper

43 100

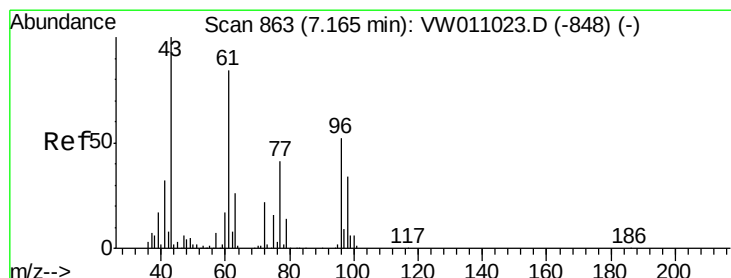
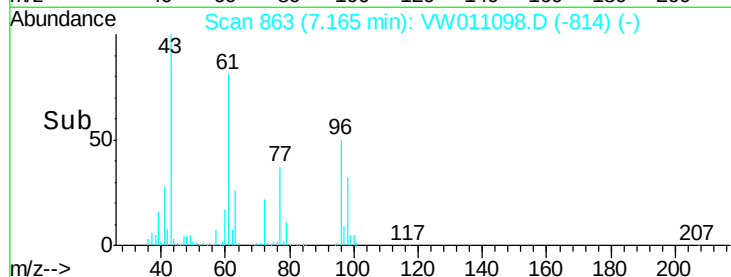
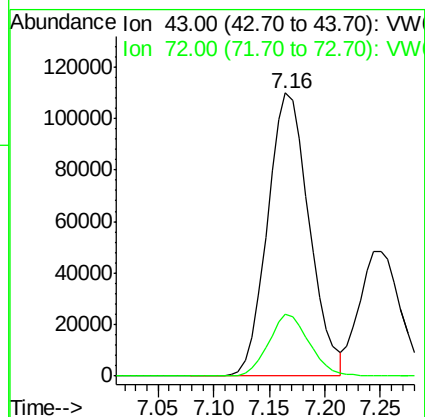
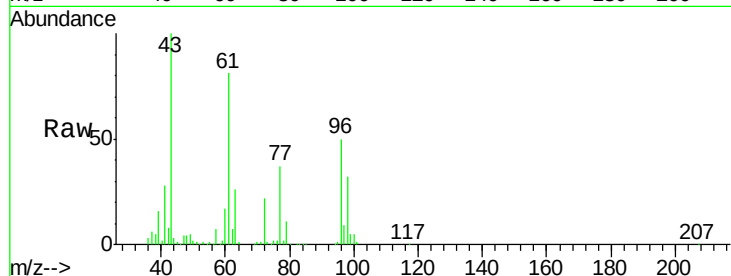
72 21.9 17.2 25.8

Manual Integrations

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7/2/2019 3:52:25 PM



#26

2,2-Dichloropropane

Concen: 47.210 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011098.D

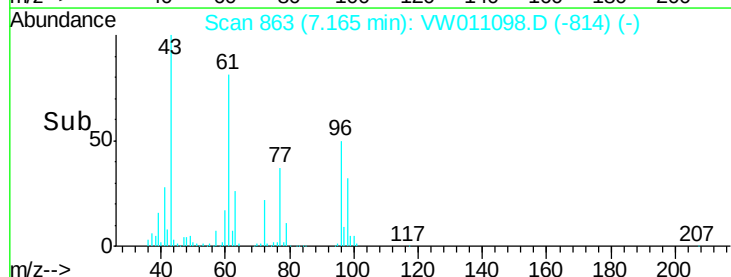
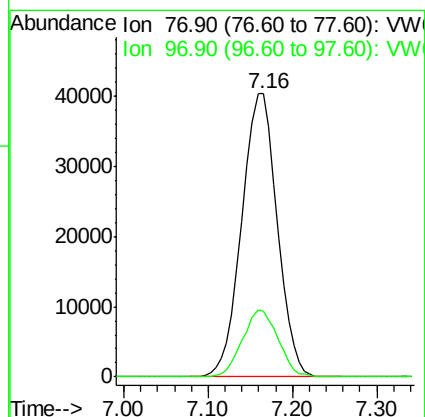
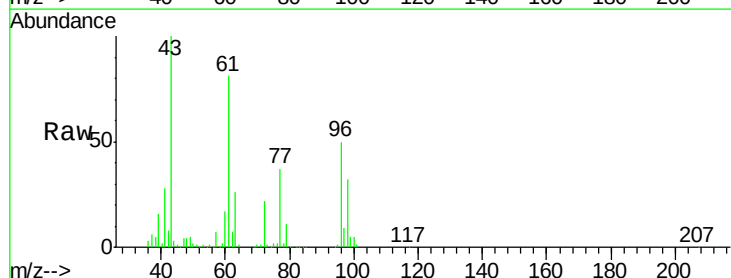
Acq: 01 Jul 2019 21:08

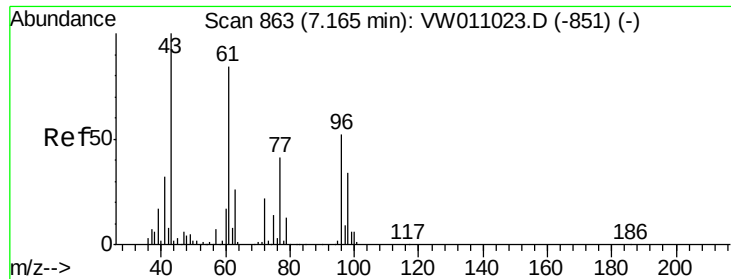
Tgt Ion: 77 Resp: 115282

Ion Ratio Lower Upper

77 100

97 23.8 10.9 32.7





#27

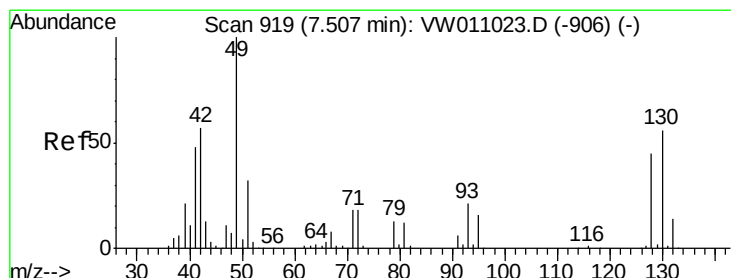
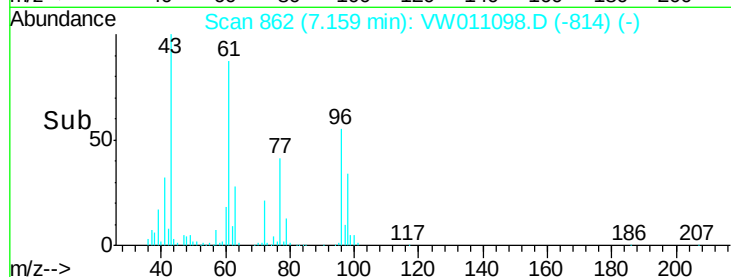
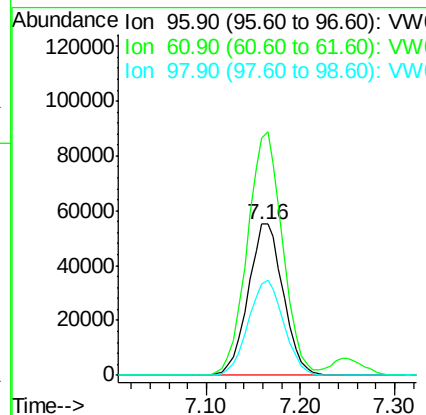
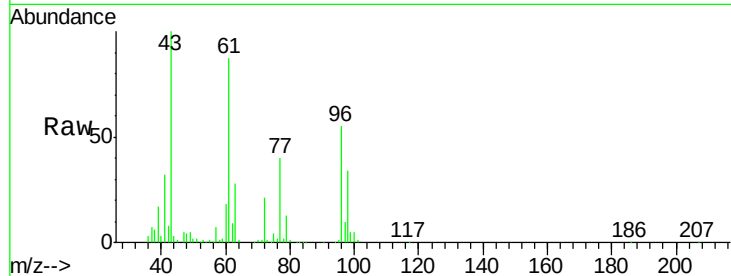
cis-1,2-Dichloroethene
Concen: 56.378 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.4	0.0	330.4
98	63.7	0.0	129.4

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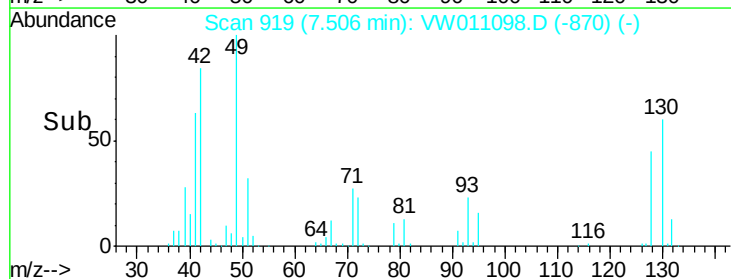
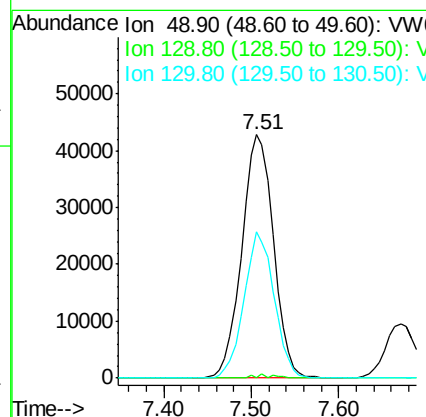
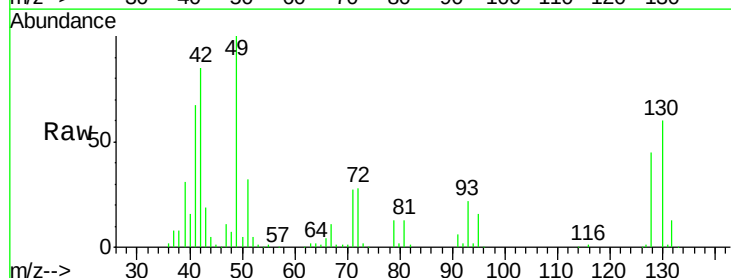
MMDadoda
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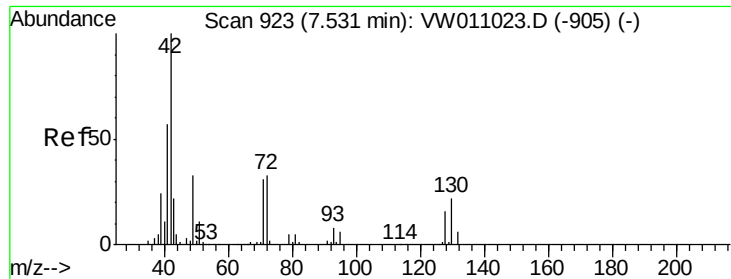


#28

Bromochloromethane
Concen: 49.208 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.4
130	56.9	46.1	69.1





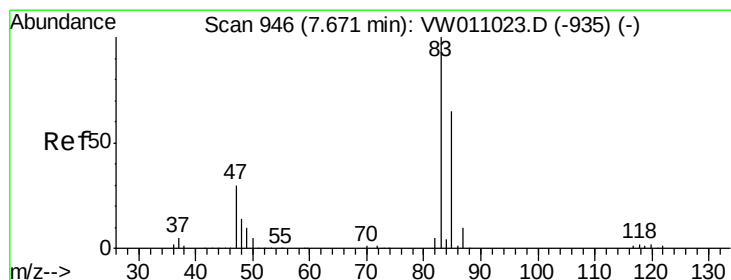
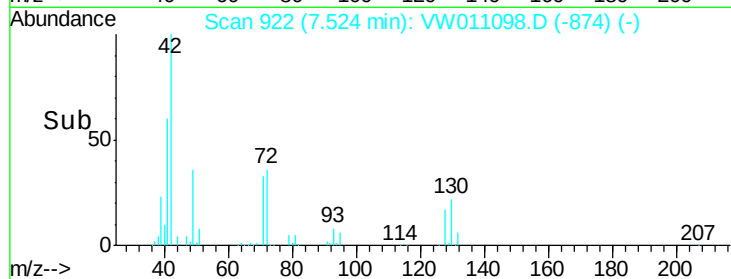
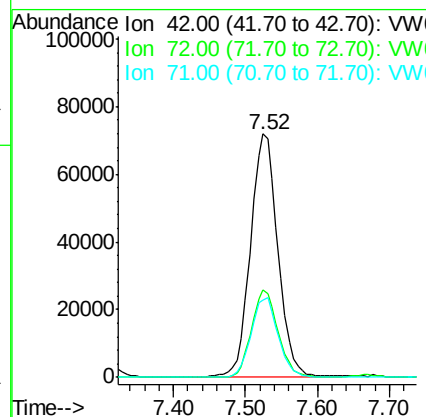
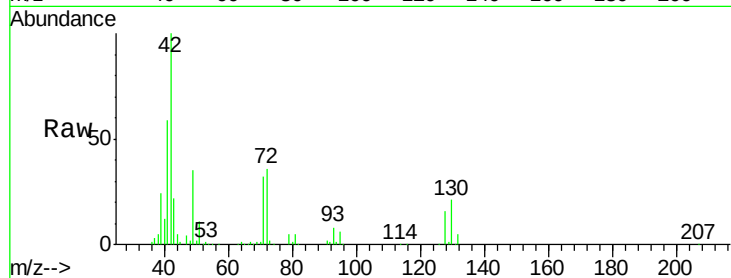
#29
Tetrahydrofuran
Concen: 308.642 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.7	27.4	41.0
71	32.4	25.6	38.4

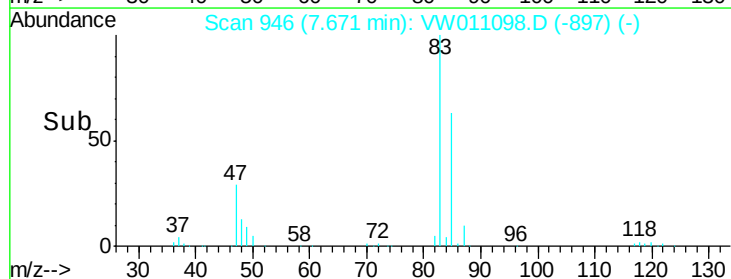
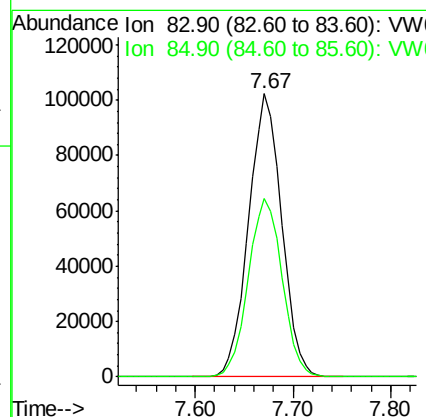
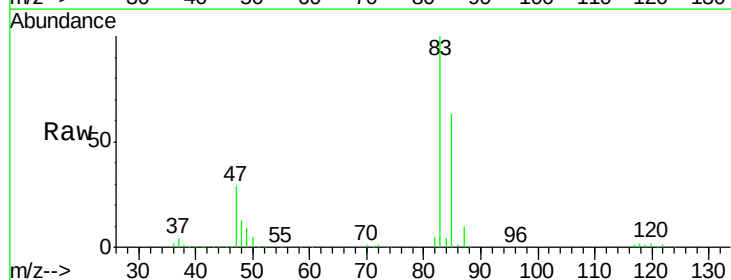
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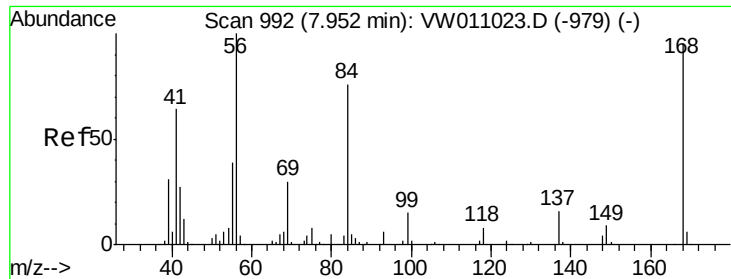
MMDadoda
7/2/2019 3:52:25 PM



#30
Chloroform
Concen: 56.311 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.2	78.4





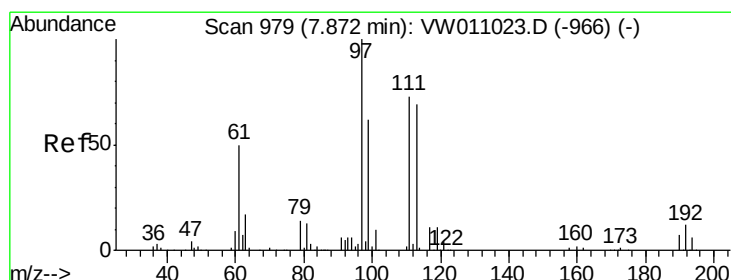
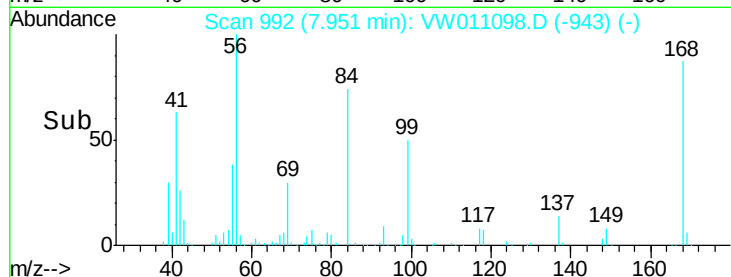
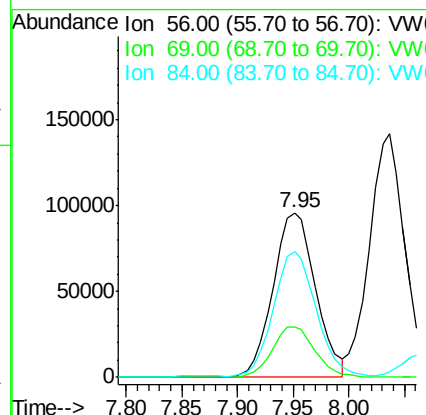
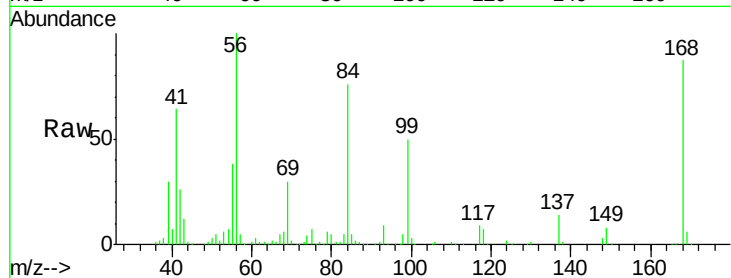
#31
Cyclohexane
Concen: 50.121 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.2
84	75.2	60.6	90.8

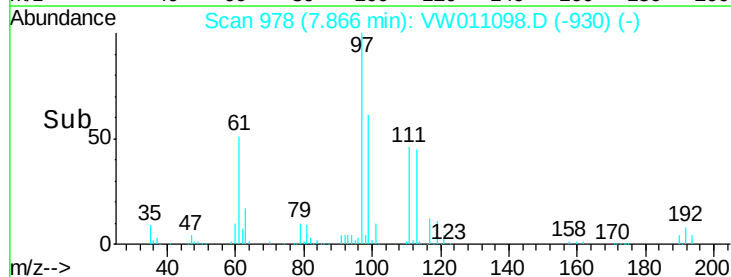
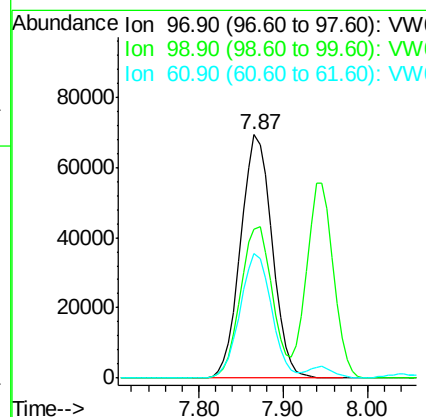
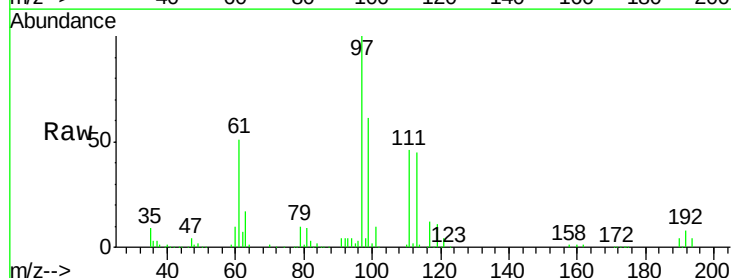
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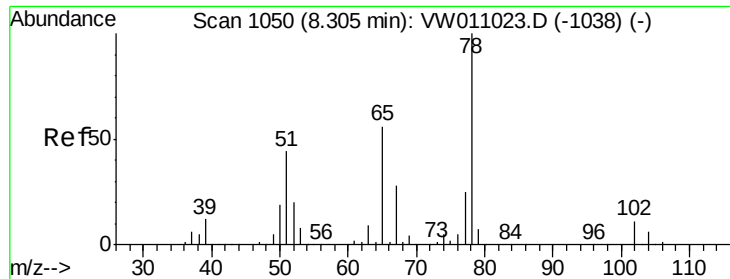
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 54.822 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.1	76.7
61	51.0	41.4	62.2





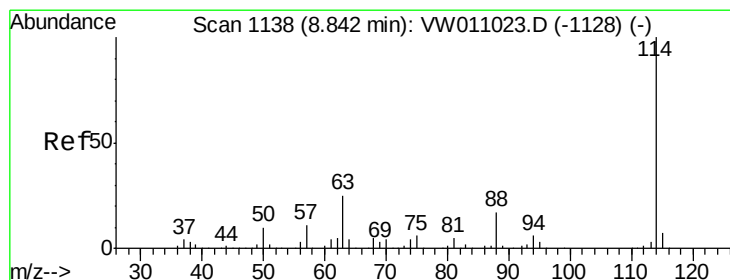
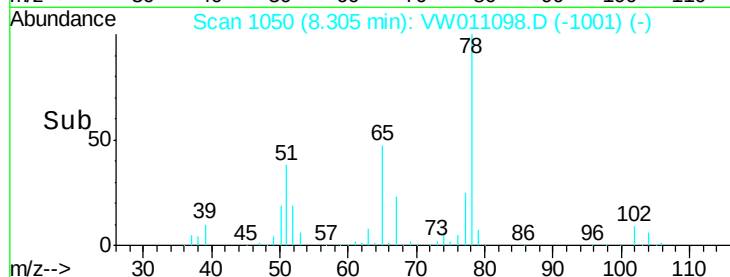
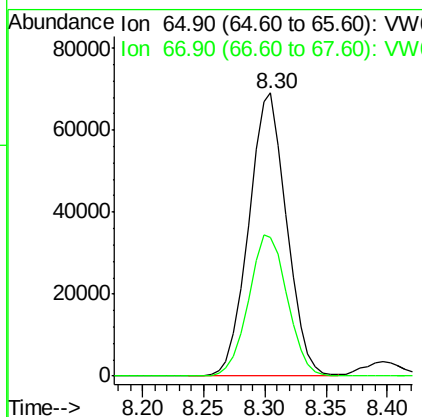
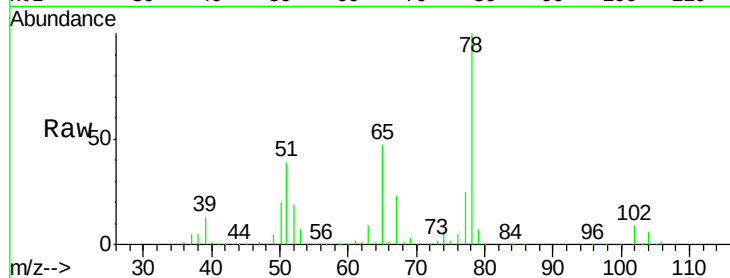
#33
 1,2-Dichloroethane-d4
 Concen: 55.926 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	148583		
67	51.2	0.0	102.4	

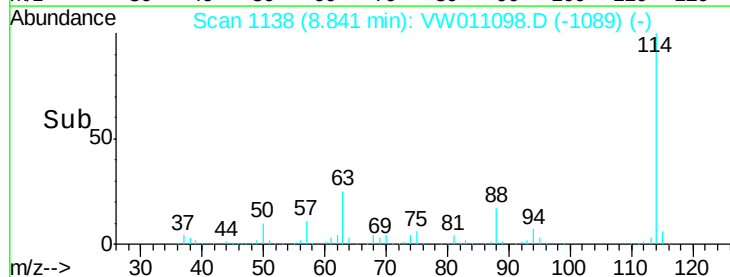
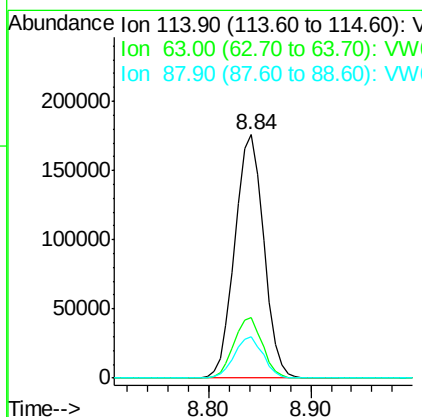
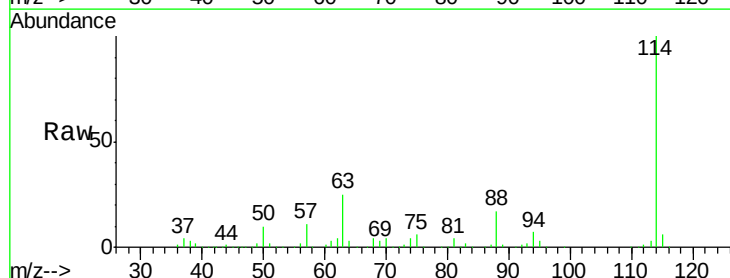
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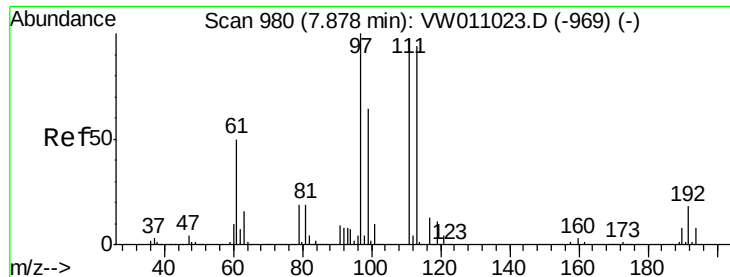
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	344893		
63	24.8	0.0	50.6	
88	16.7	0.0	34.0	





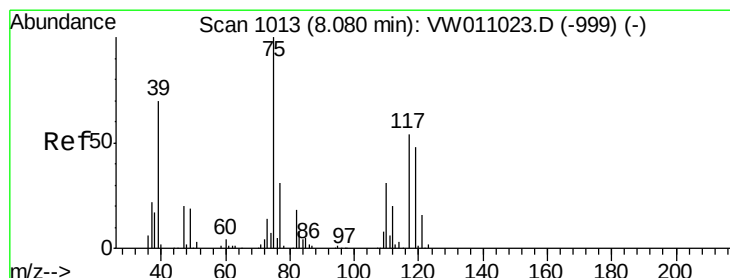
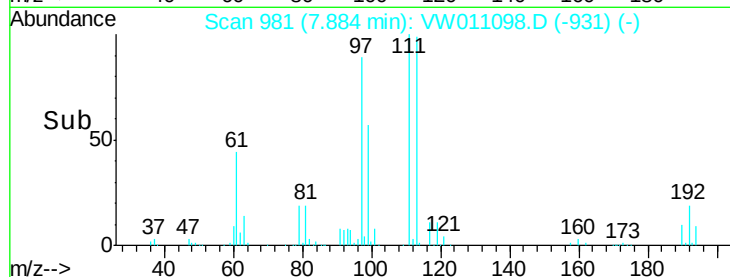
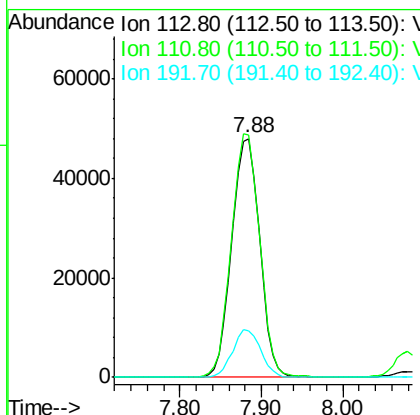
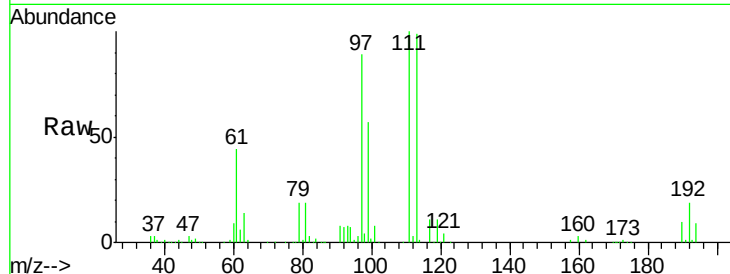
#35
 Dibromofluoromethane
 Concen: 54.104 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113945		
111	102.6	83.8	125.6	
192	19.9	16.0	24.0	

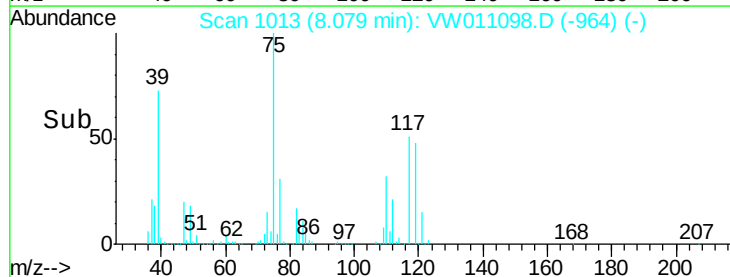
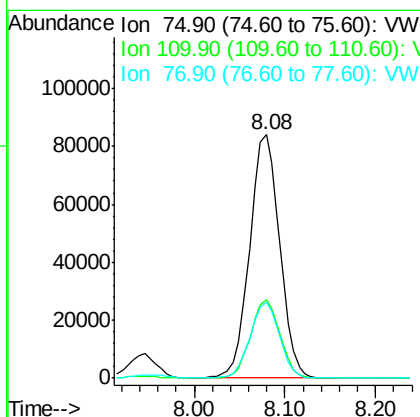
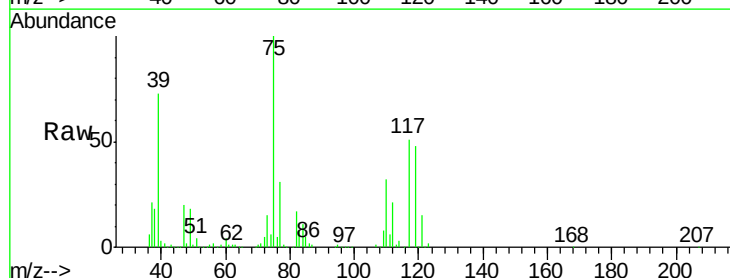
Manual Integrations
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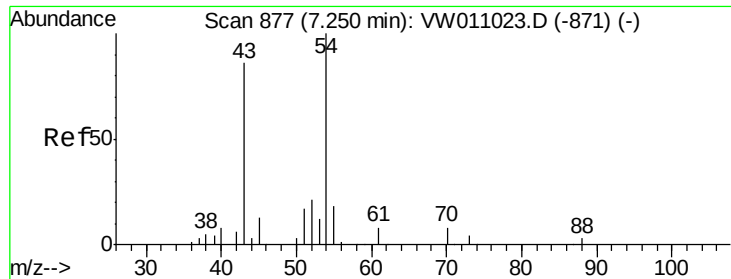
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 51.836 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192156		
110	31.6	15.5	46.5	
77	30.9	24.9	37.3	





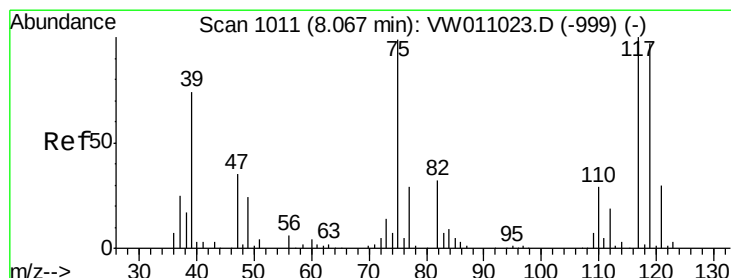
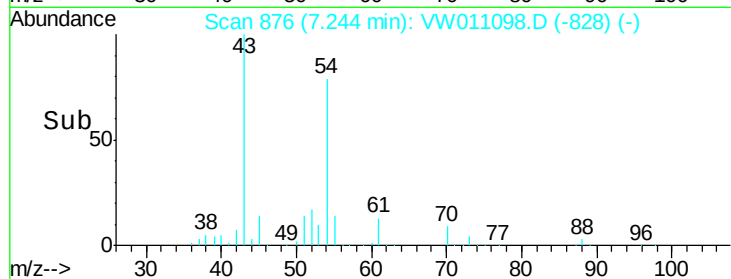
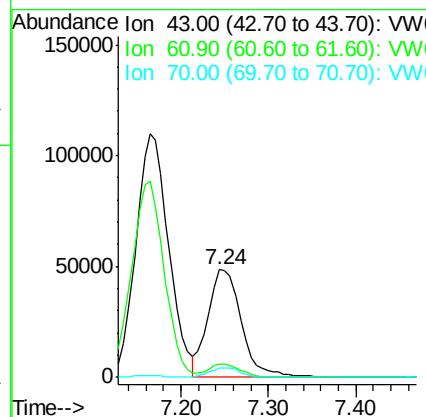
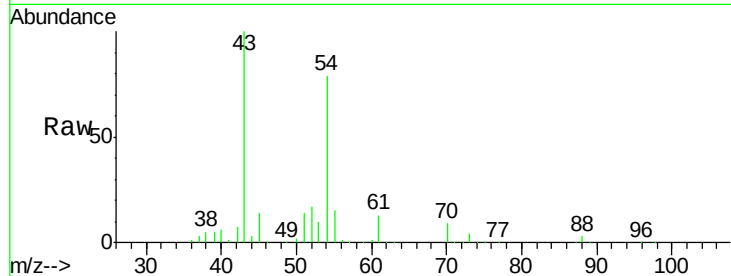
#37
Ethyl Acetate
Concen: 59.351 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.0	13.4
70	8.4	7.2	10.8

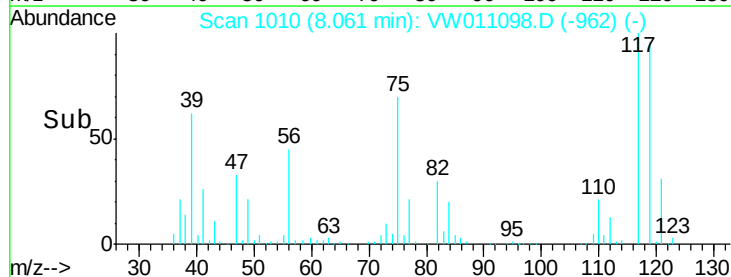
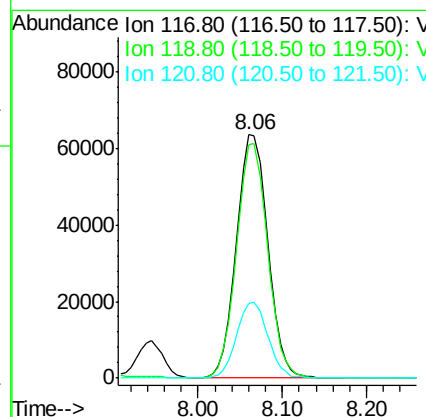
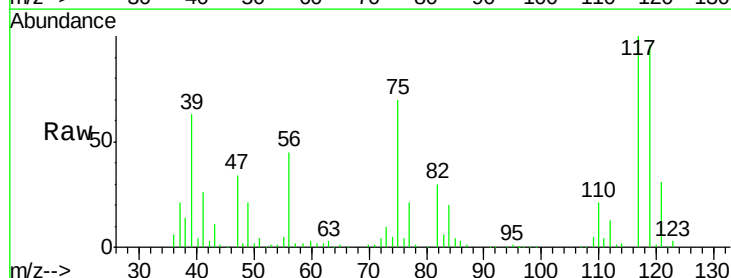
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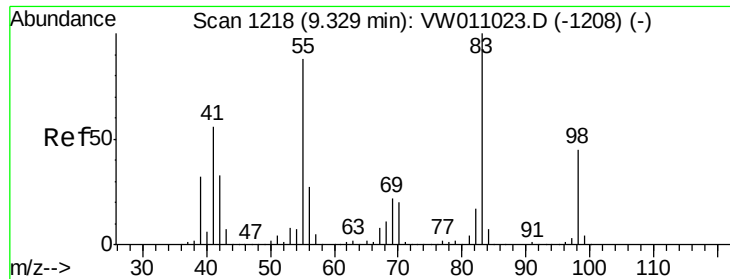
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#38
Carbon Tetrachloride
Concen: 52.644 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.7	116.5
121	30.7	23.9	35.9





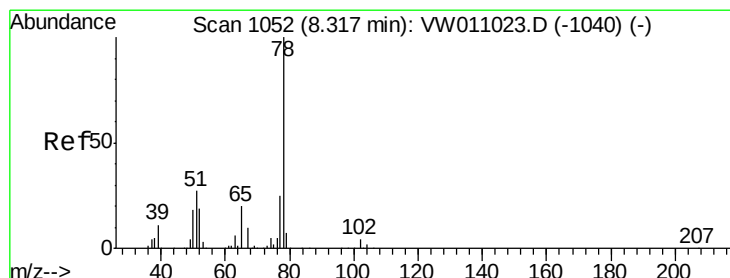
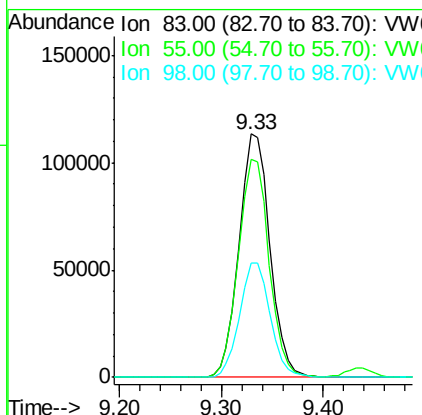
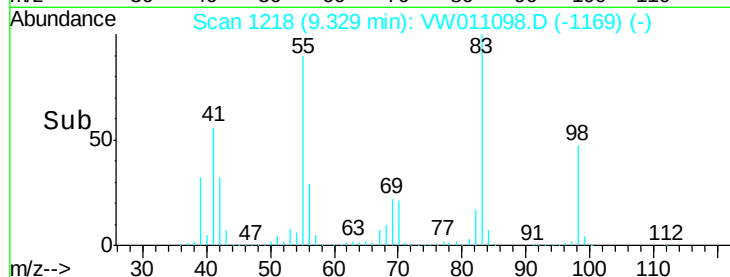
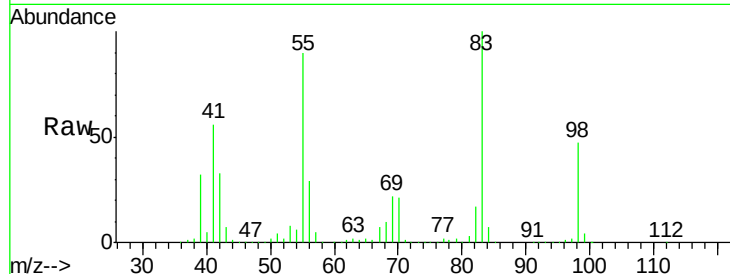
#39
Methylvlcyclohexane
Concen: 52.417 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.6	70.7	106.1
98	47.1	36.4	54.6

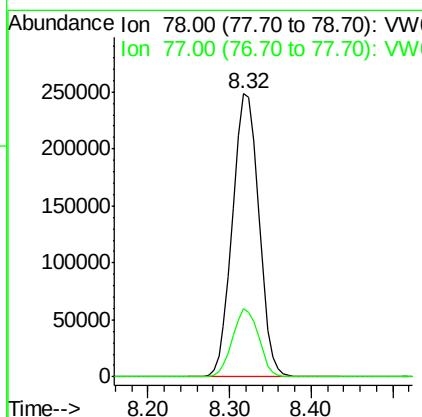
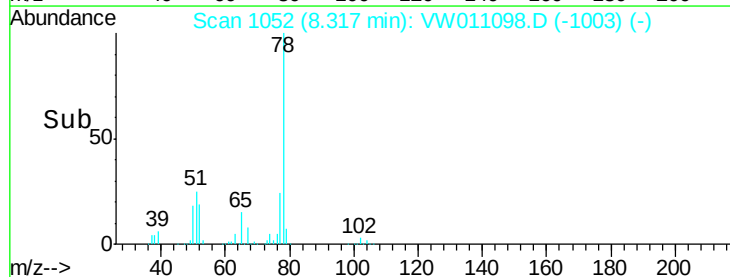
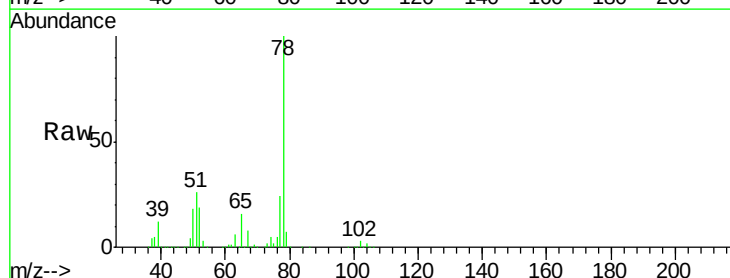
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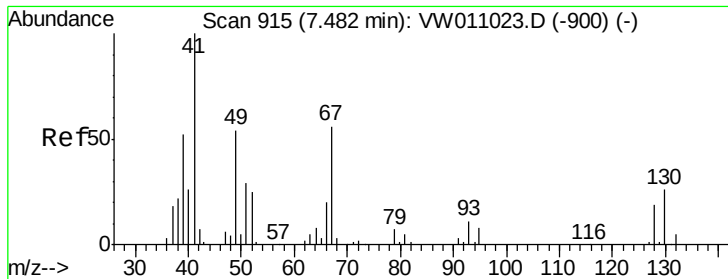
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#40
Benzene
Concen: 54.508 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.7	29.5





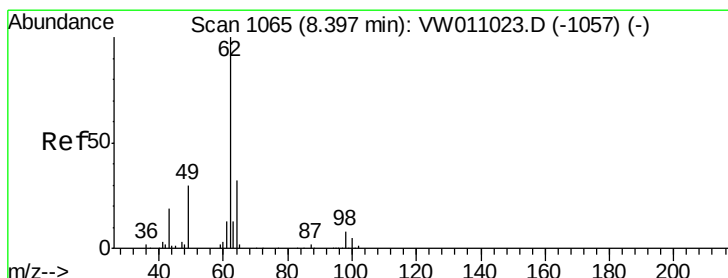
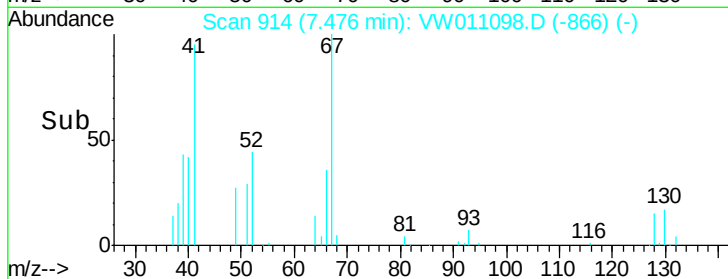
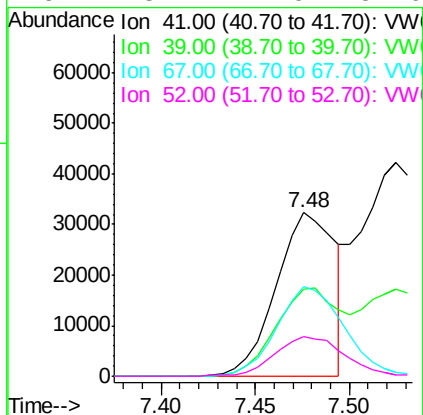
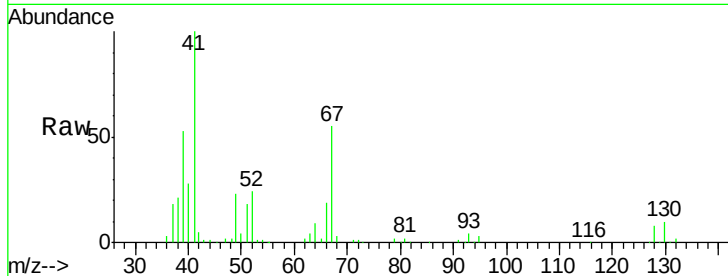
#41
Methacrylonitrile
Concen: 53.569 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	70284
Ion	Ratio	Lower	Upper
41	100		
39	60.2	42.1	63.1
67	62.7	44.2	66.2
52	28.7	21.0	31.6

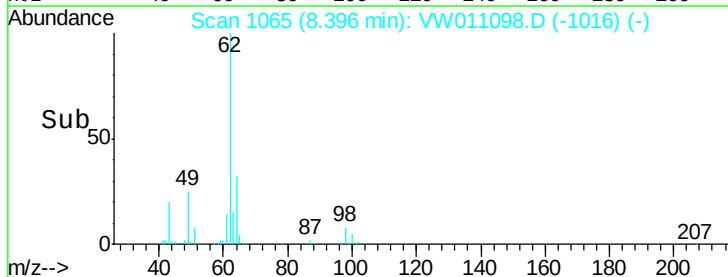
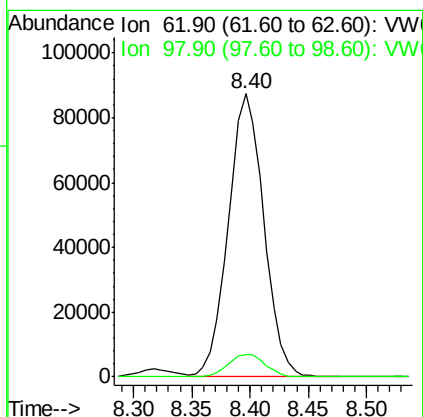
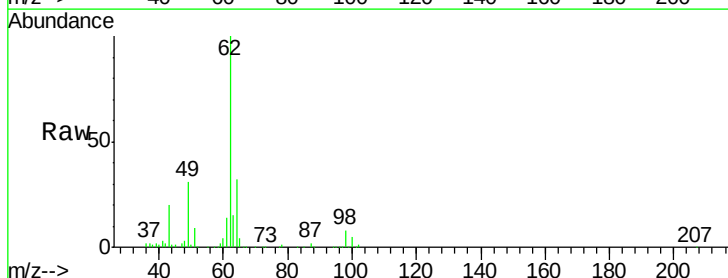
Manual Integrations
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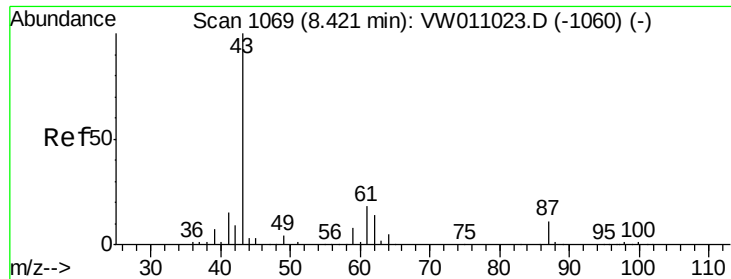
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#42
1,2-Dichloroethane
Concen: 55.449 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	62	Resp	185368
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 59.406 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

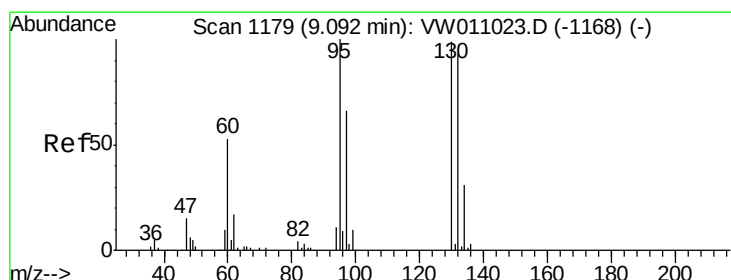
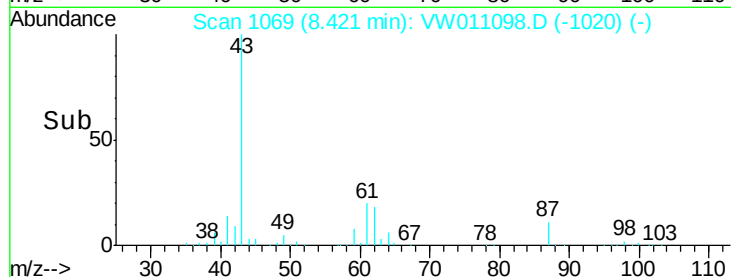
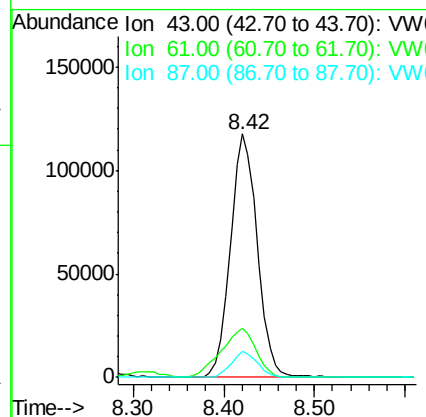
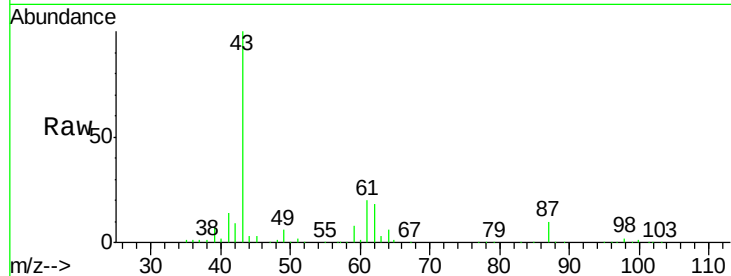
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	242350
Ion	Ratio	Lower	Upper
43	100		
61	25.9	21.0	31.6
87	10.4	8.2	12.4

Manual Integrations
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7/2/2019 3:52:25 PM



#44

Trichloroethene

Concen: 52.987 ug/l

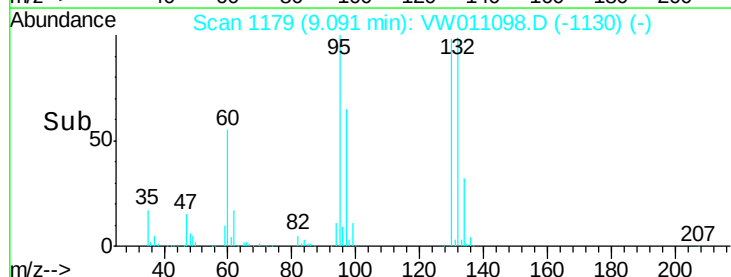
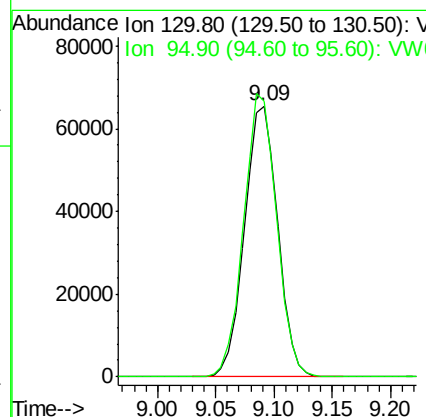
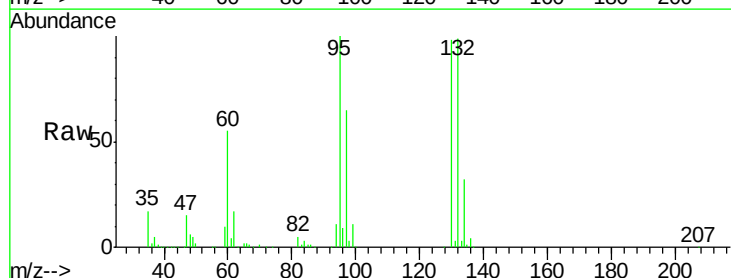
RT: 9.09 min Scan# 1179

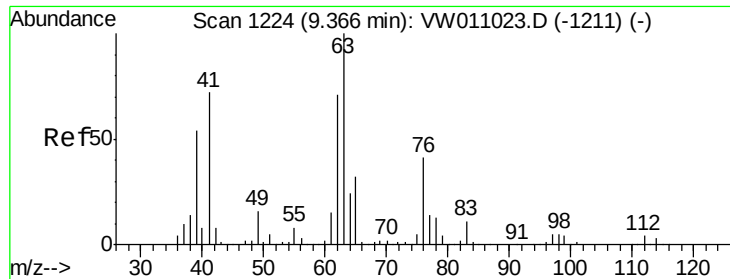
Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Tgt Ion:	130	Resp:	130566
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	202.0





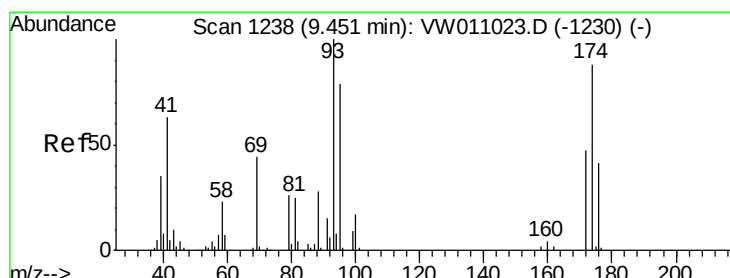
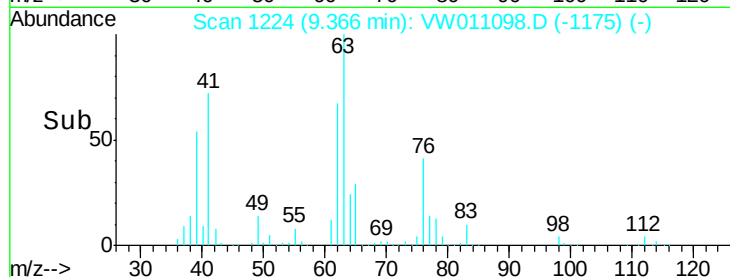
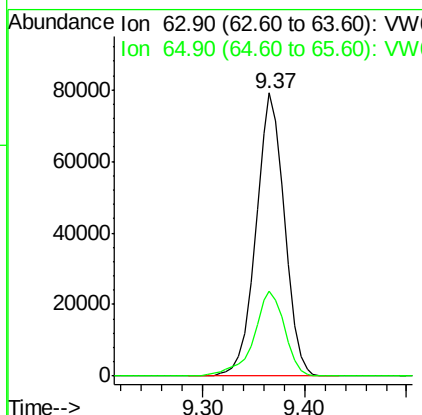
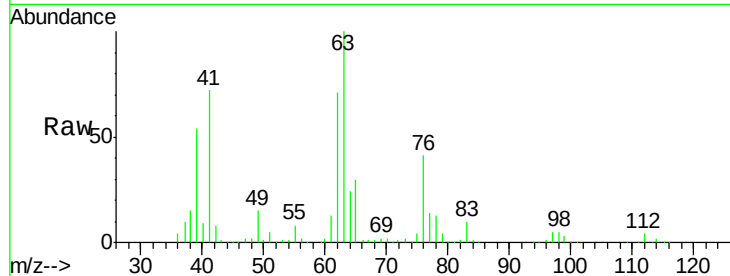
#45
 1,2-Dichloropropane
 Concen: 55.575 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 153875
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.6 38.4

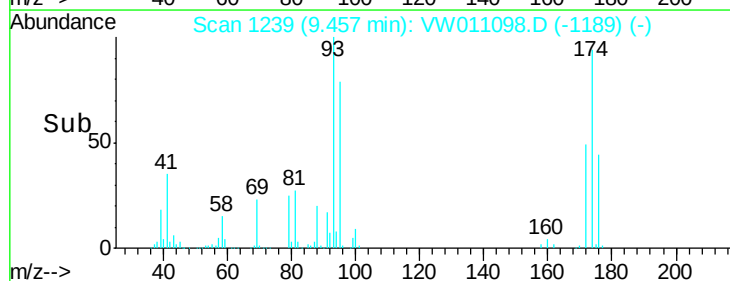
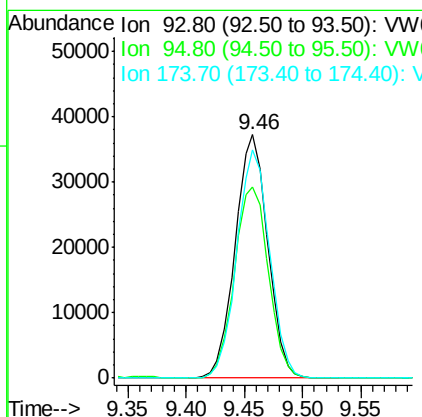
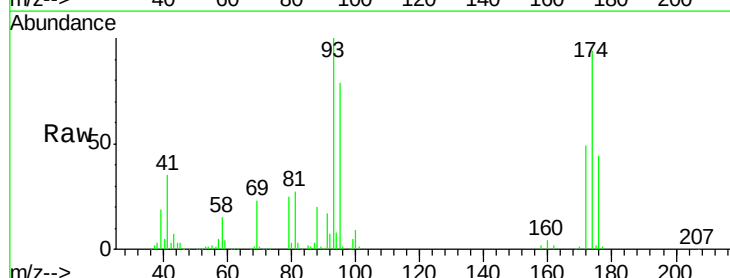
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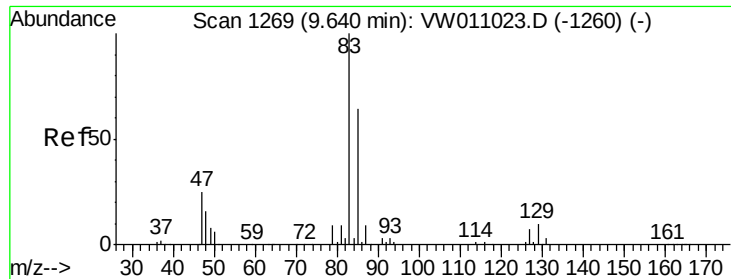
MMDadoda
 7/2/2019 3:52:25 PM



#46
 Dibromomethane
 Concen: 56.150 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion: 93 Resp: 72709
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.6
 174 94.3 75.4 113.0





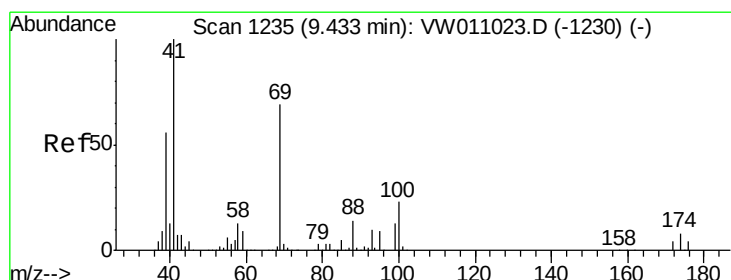
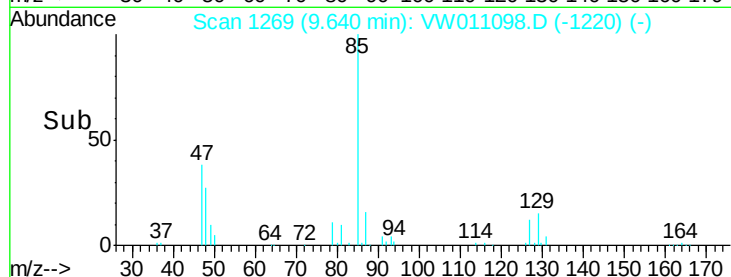
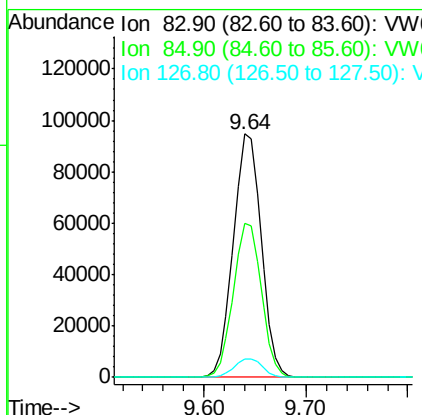
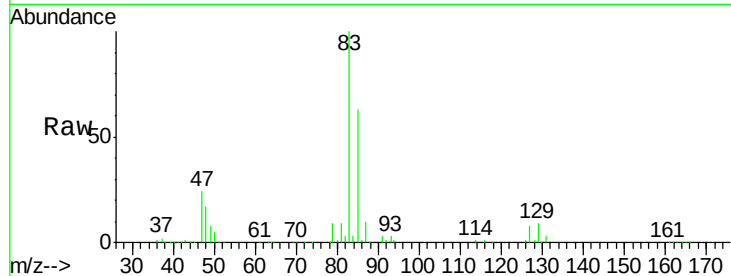
#47
Bromodichloromethane
Concen: 56.196 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	180164
Ion Ratio	100		
85	63.4	51.0	76.4
127	7.6	5.8	8.8

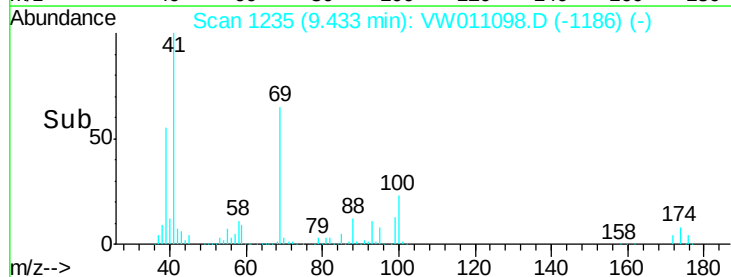
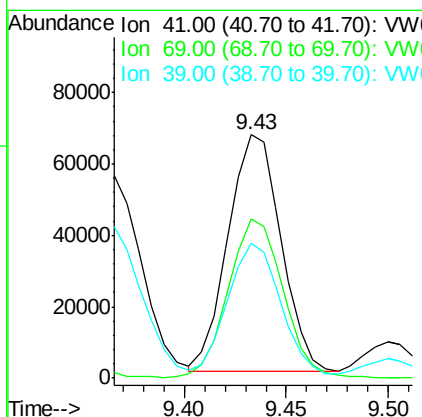
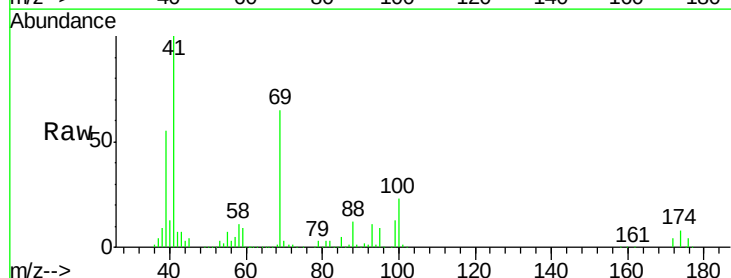
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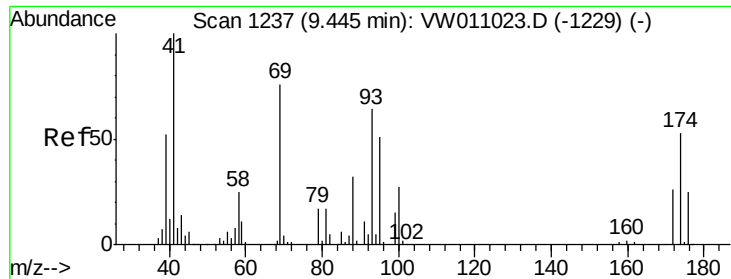
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#48
Methyl methacrylate
Concen: 60.390 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	41	Resp	119454
Ion Ratio	100		
69	70.3	56.7	85.1
39	54.3	45.0	67.6





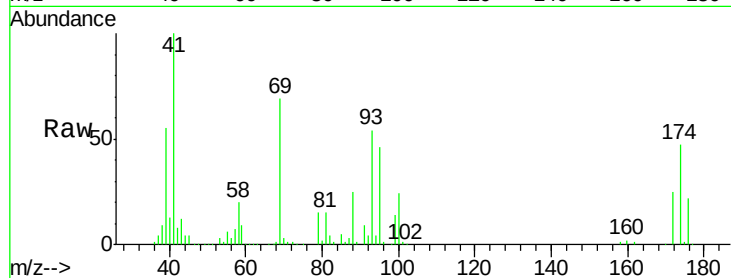
#49
1,4-Dioxane
Concen: 1152.019 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

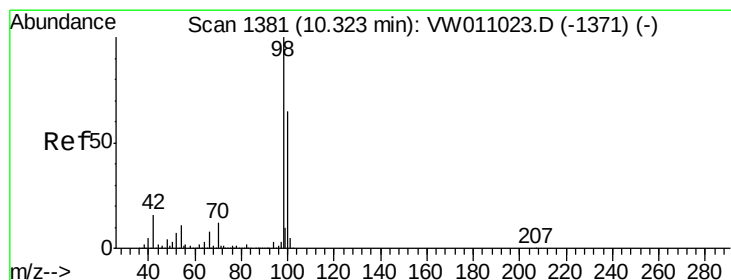
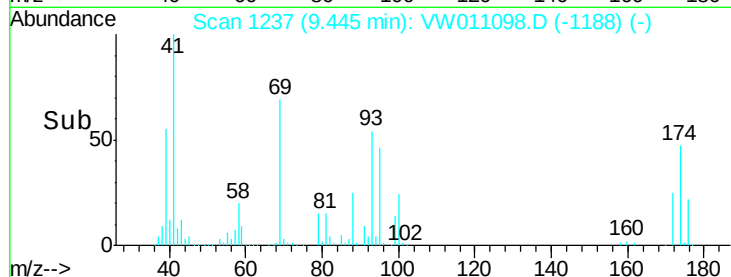
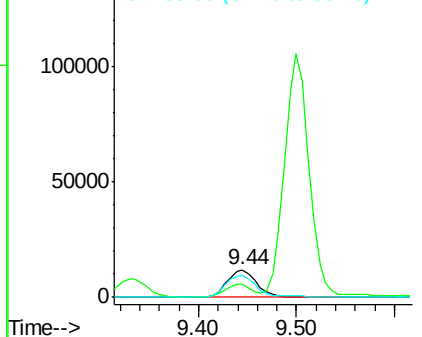
Tot Ion	88	Resp	25082
Ion	Ratio	Lower	Upper
88	100		
43	42.0	34.4	51.6
58	84.4	65.2	97.8

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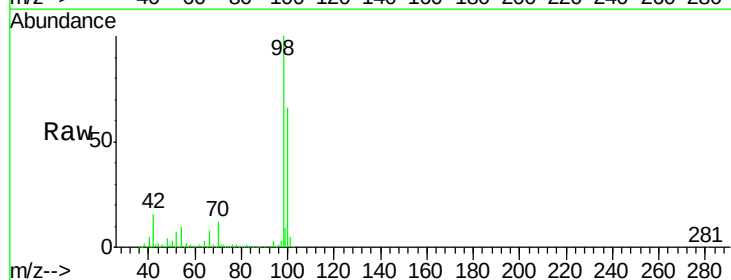


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

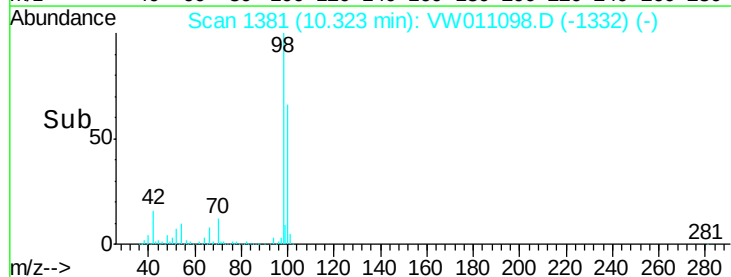
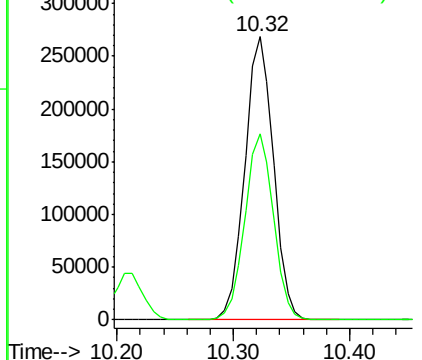


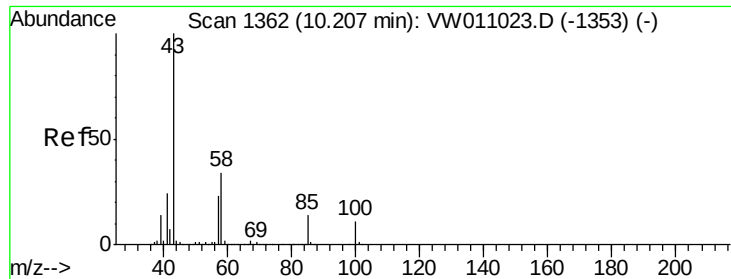
#50
Toluene-d8
Concen: 53.304 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	98	Resp	462100
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.3	78.5



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





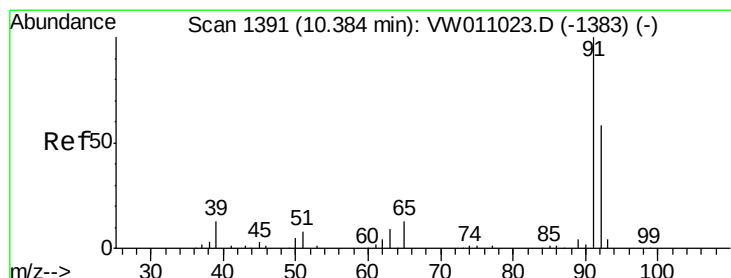
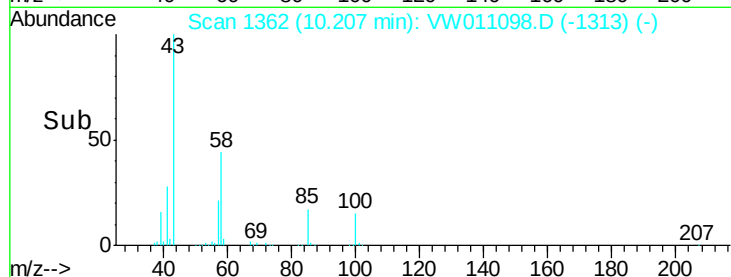
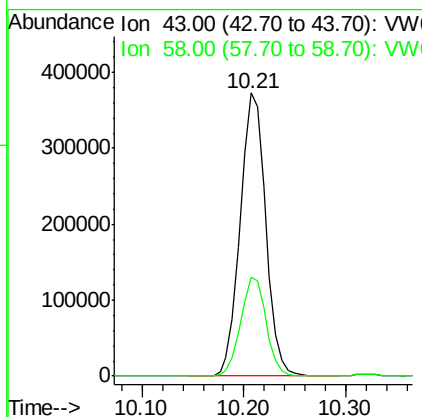
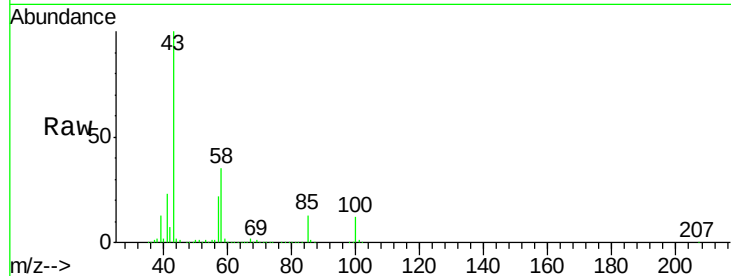
#51
4-Methyl-2-Pentanone
Concen: 300.938 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 646247
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.6

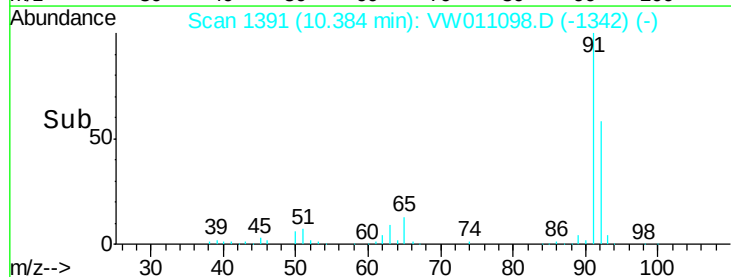
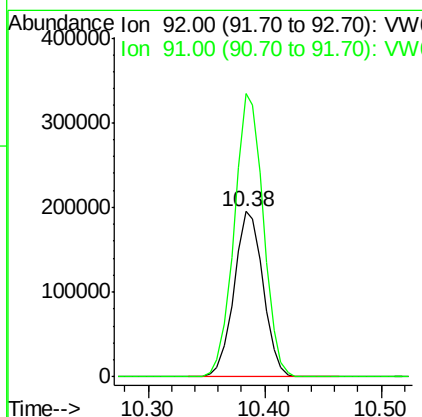
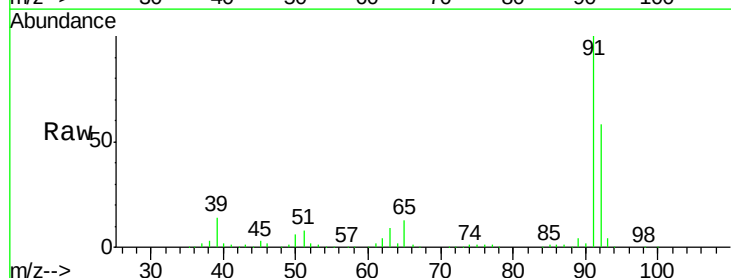
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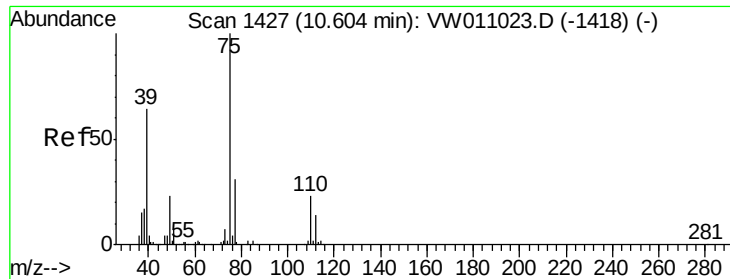
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#52
Toluene
Concen: 54.578 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion: 92 Resp: 340684
Ion Ratio Lower Upper
92 100
91 170.4 136.9 205.3





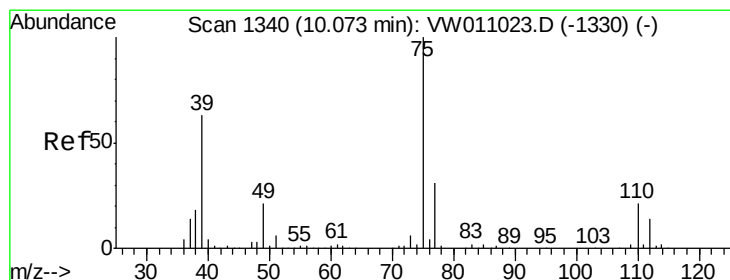
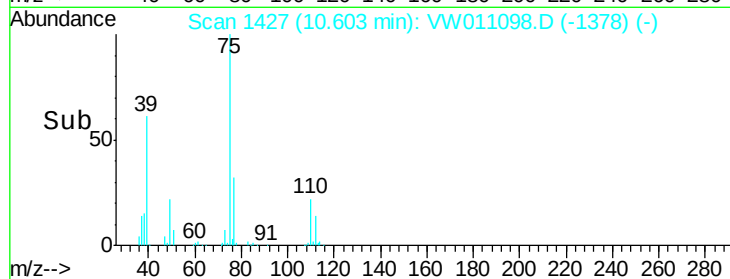
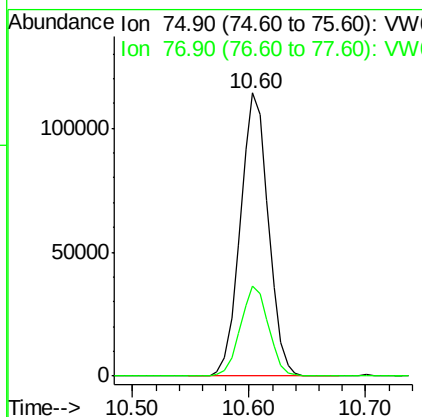
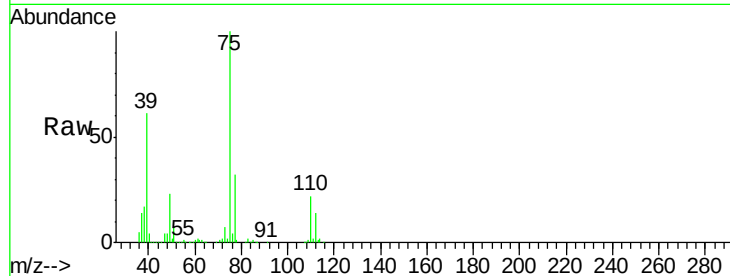
#53
 t-1,3-Dichloropropene
 Concen: 57.413 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 191722
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 37.0

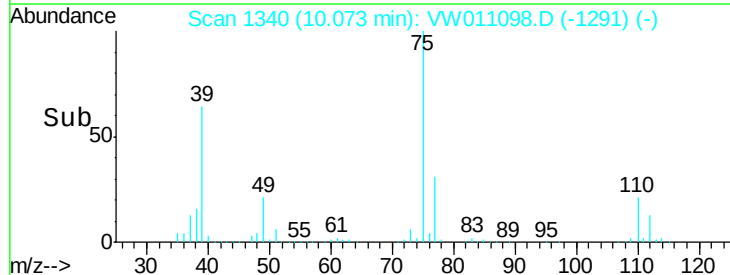
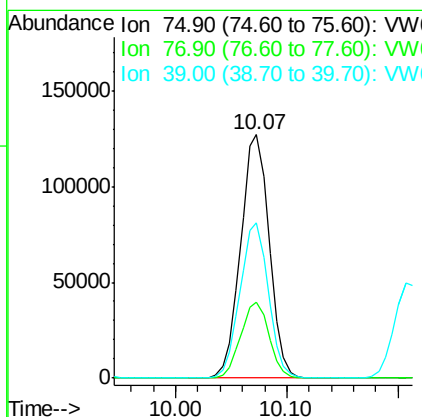
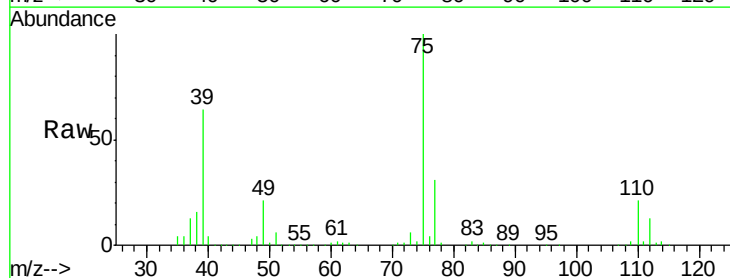
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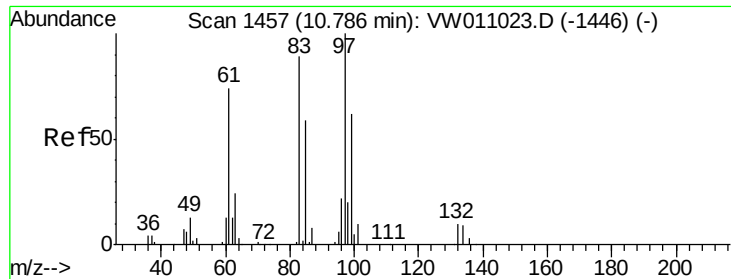
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#54
 cis-1,3-Dichloropropene
 Concen: 57.000 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion: 75 Resp: 227058
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2
 39 63.6 50.0 75.0





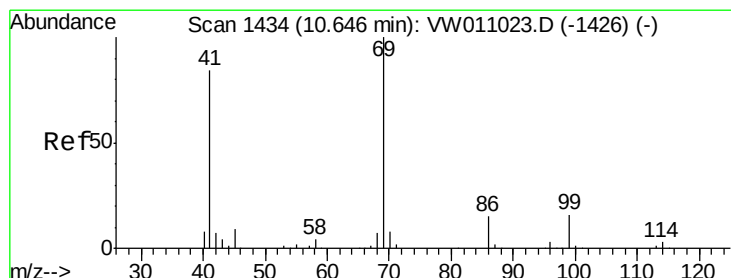
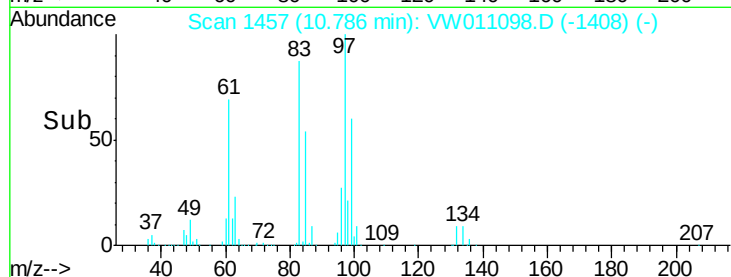
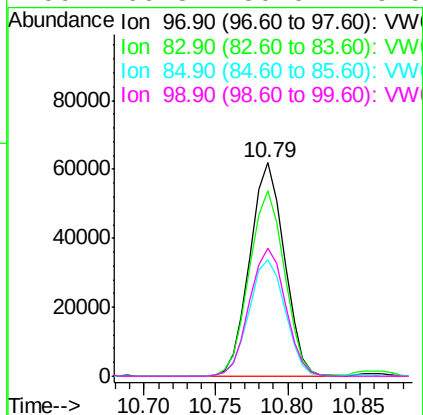
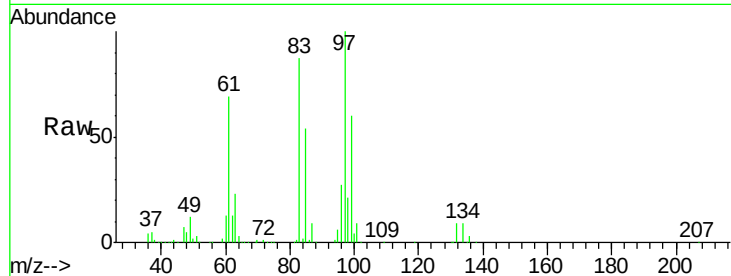
#55
 1,1,2-Trichloroethane
 Concen: 56.174 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	102767
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.9	106.3
85	54.3	47.2	70.8
99	60.3	50.0	75.0

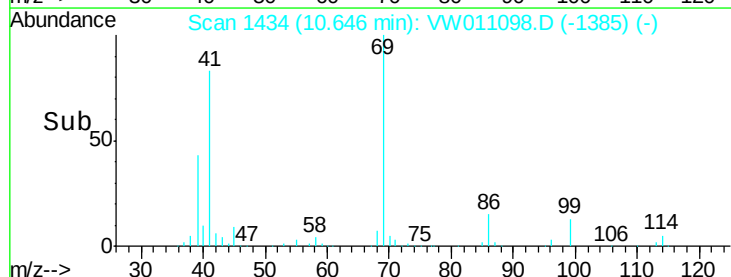
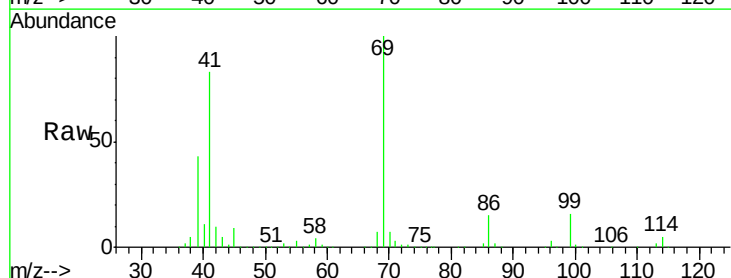
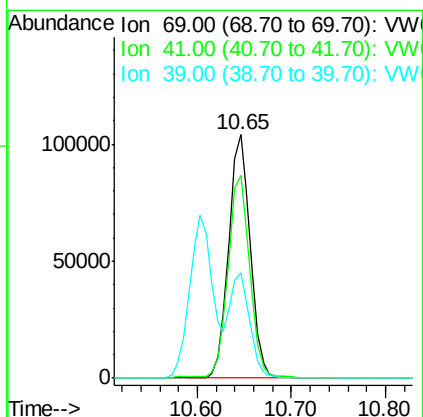
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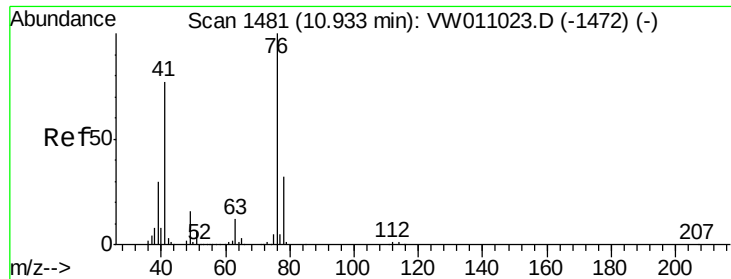
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#56
 Ethyl methacrylate
 Concen: 60.396 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion:	69	Resp:	165456
Ion	Ratio	Lower	Upper
69	100		
41	84.3	67.9	101.9
39	39.8	33.2	49.8





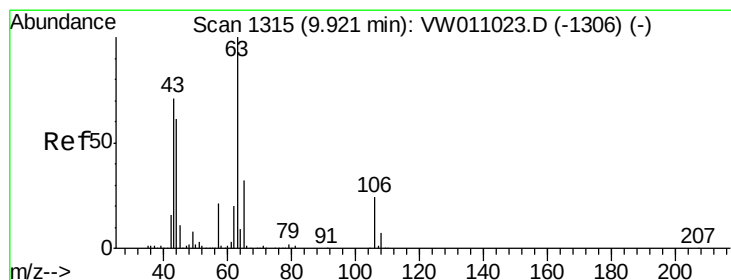
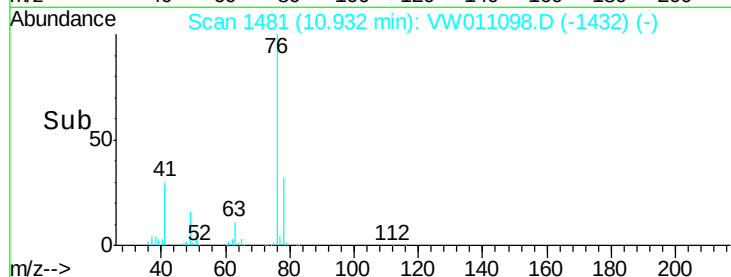
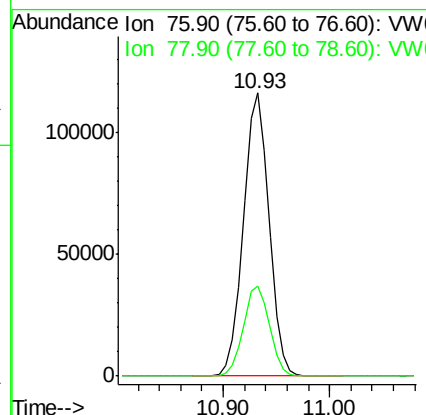
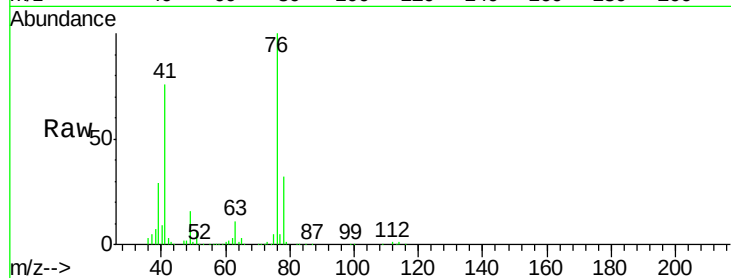
#57
 1,3-Dichloropropane
 Concen: 56.305 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

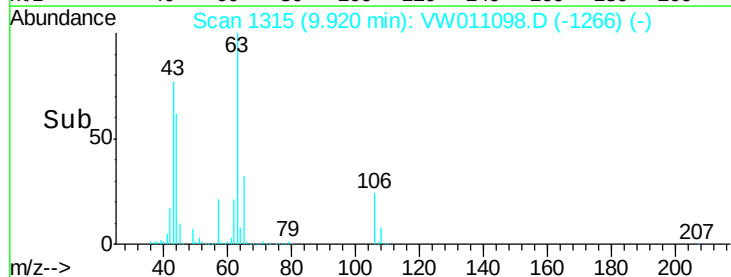
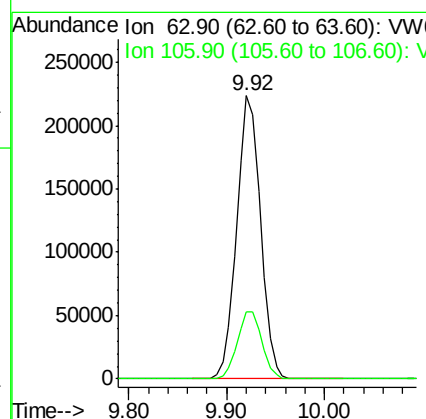
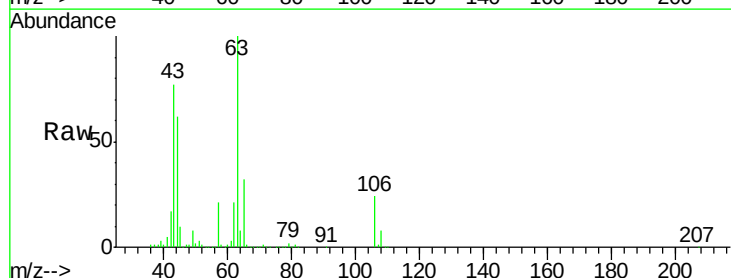
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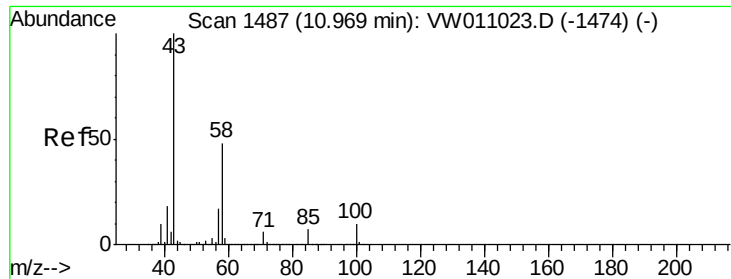
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#58
 2-Chloroethyl Vinyl ether
 Concen: 273.006 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.6	19.4	29.0





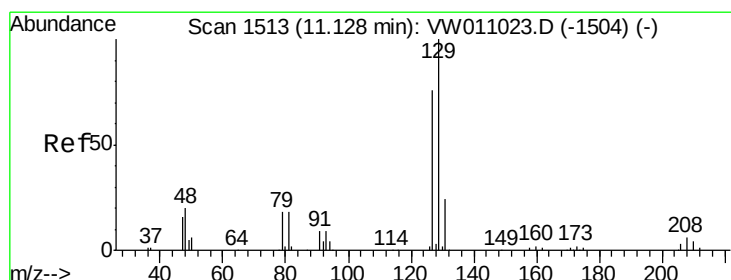
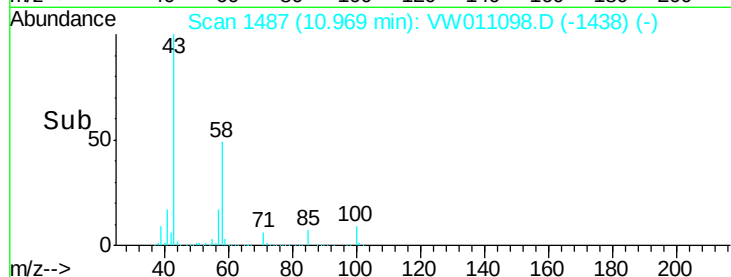
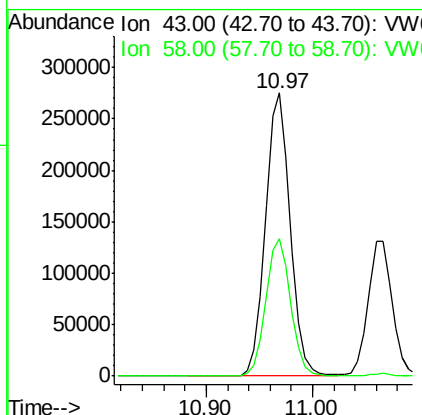
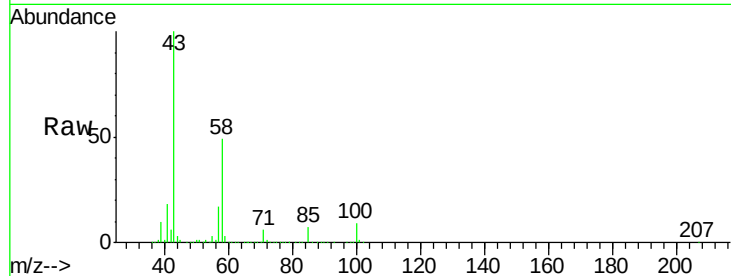
#59
2-Hexanone
Concen: 298.150 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 446498
Ion Ratio Lower Upper
43 100
58 48.8 23.8 71.5

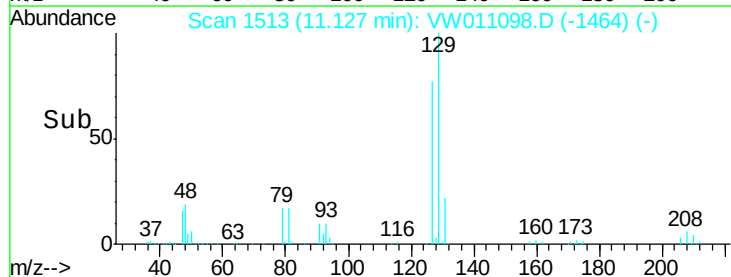
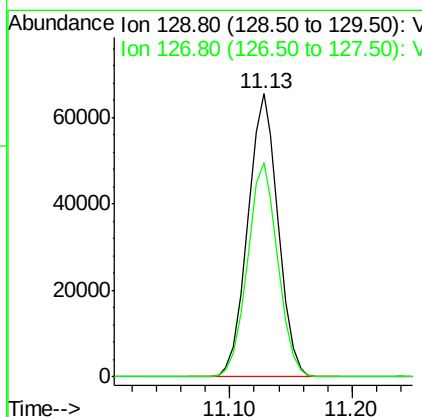
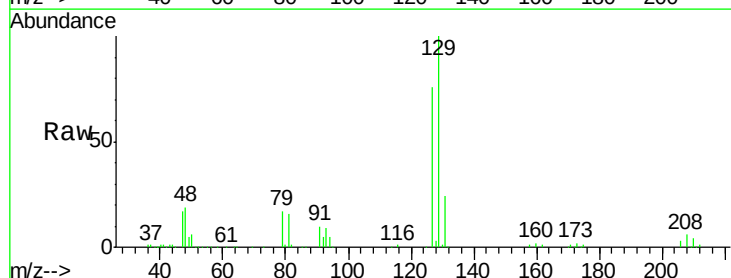
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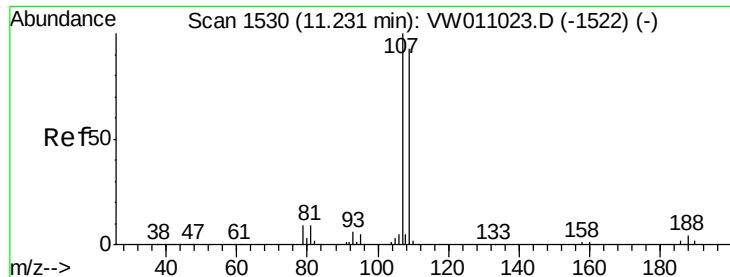
MMDadoda
7/2/2019 3:52:25 PM



#60
Dibromochloromethane
Concen: 58.689 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion: 129 Resp: 112591
Ion Ratio Lower Upper
129 100
127 75.6 39.4 118.1





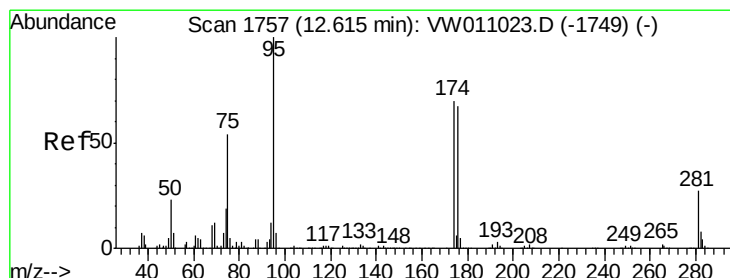
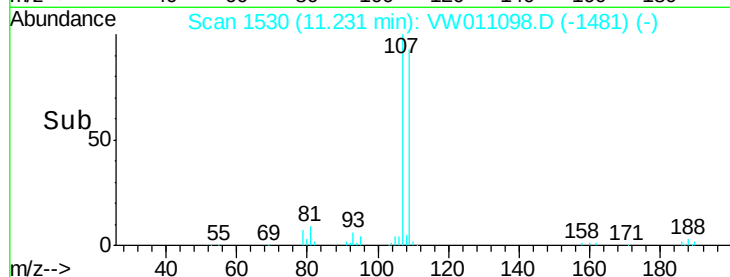
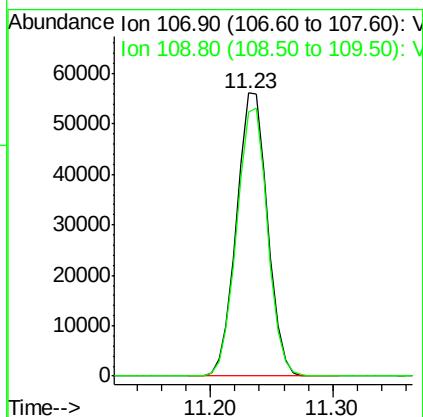
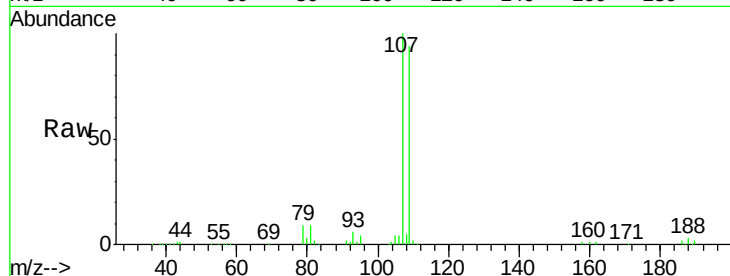
#61
 1,2-Dibromoethane
 Concen: 57.624 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.1	112.7

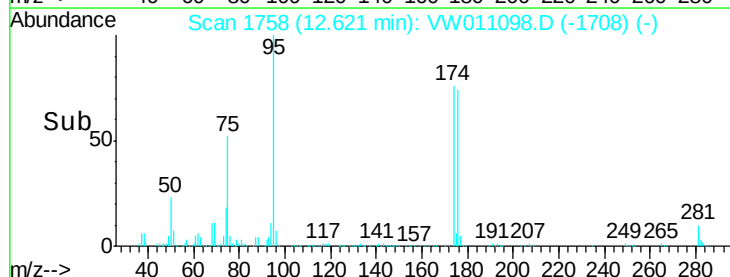
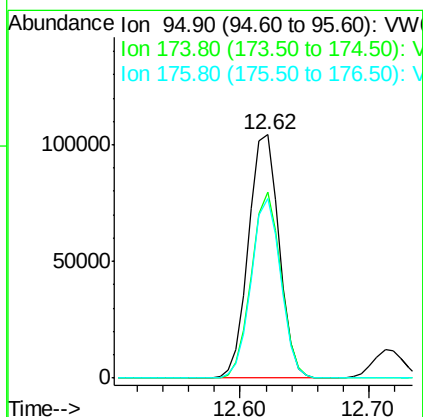
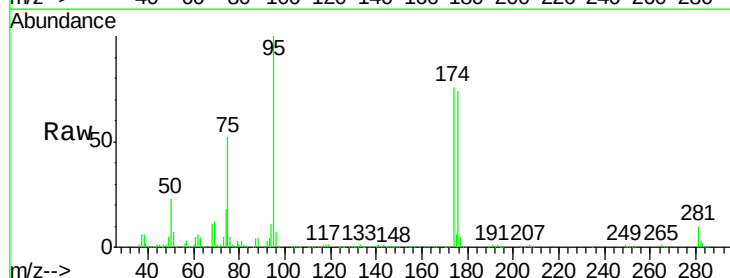
Manual Integrations
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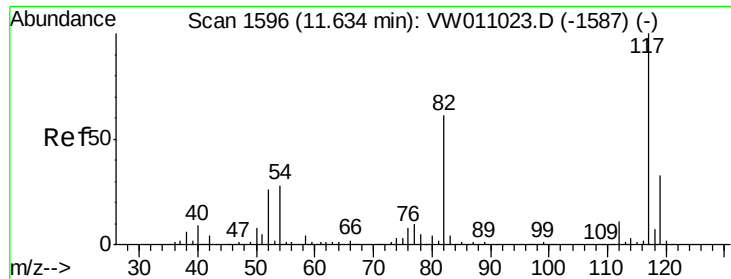
MMDadoda
 7/2/2019 3:52:25 PM



#62
 4-Bromofluorobenzene
 Concen: 53.761 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	149.2
176	71.3	0.0	143.6





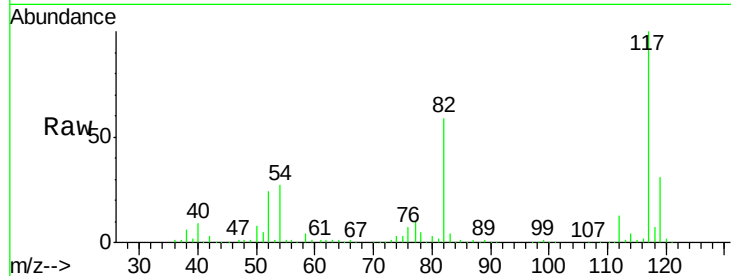
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	48.6	73.0
119	31.0	26.1	39.1

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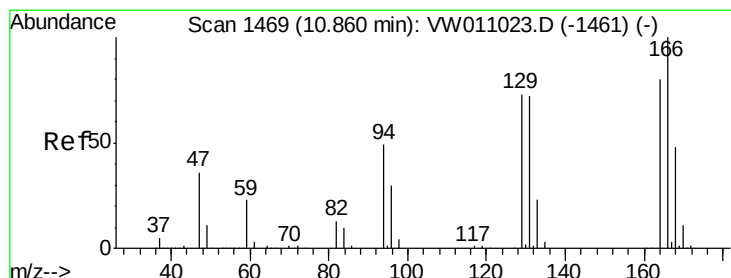
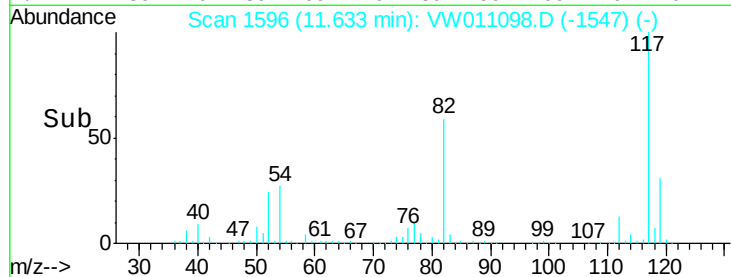
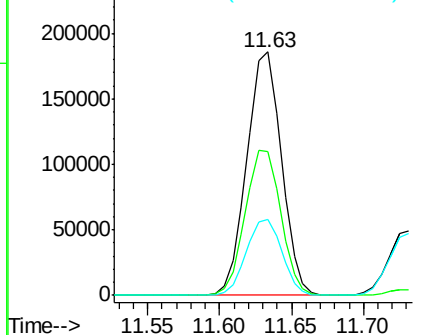


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.619 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	99.8	149.6
129	97.6	73.0	109.4
131	89.5	71.4	107.0

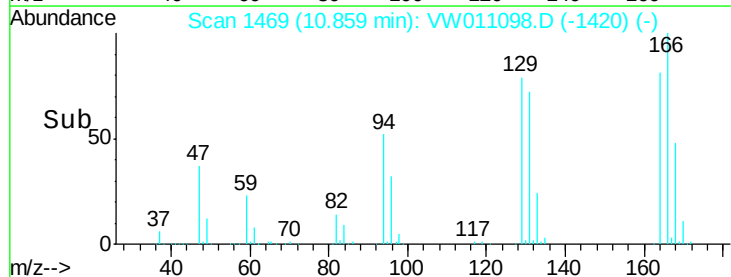
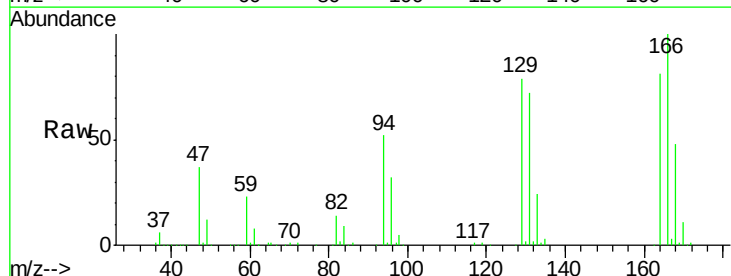
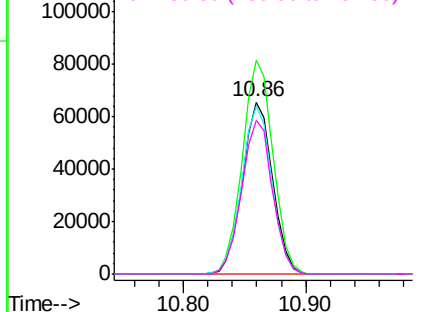
Abundance

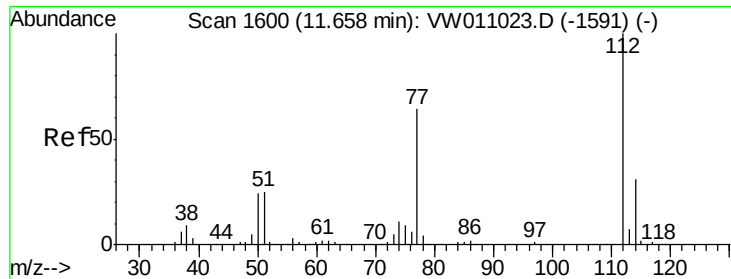
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





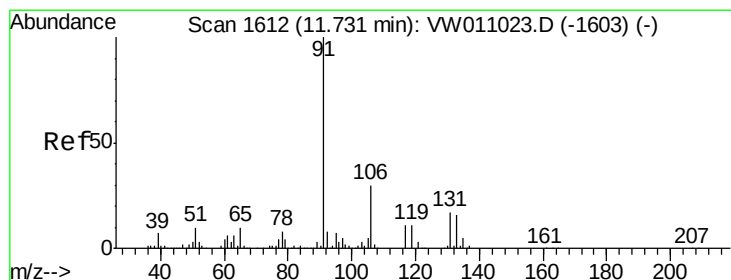
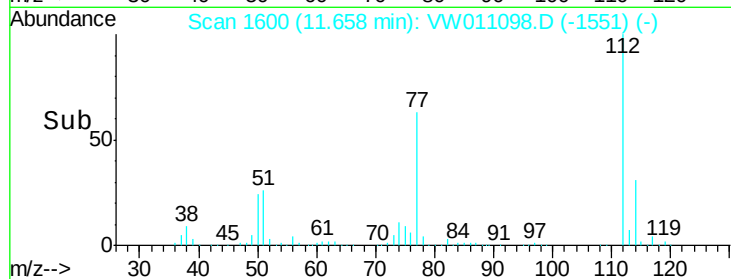
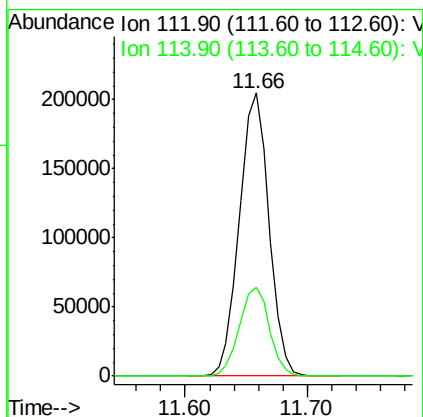
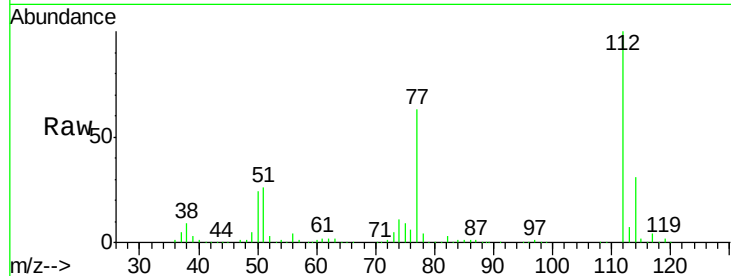
#65
Chlorobenzene
Concen: 54.224 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 344209
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8

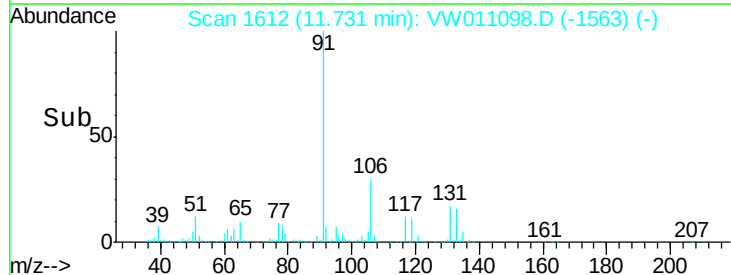
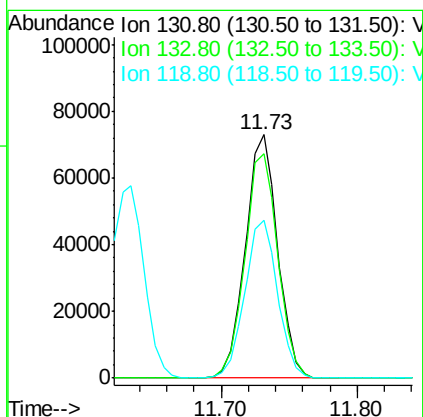
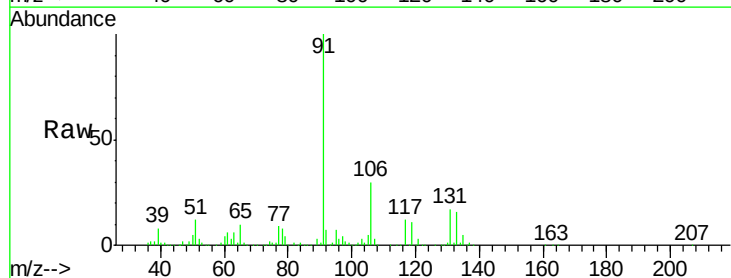
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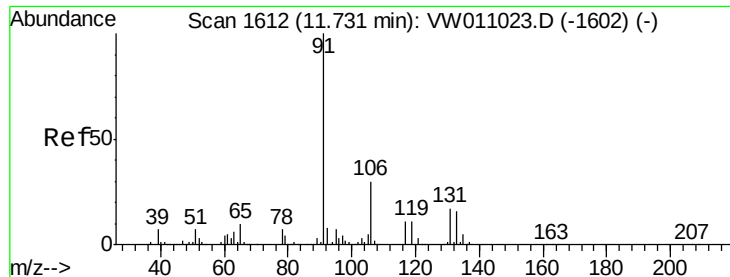
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.153 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion:131 Resp: 121022
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 65.8 33.1 99.2





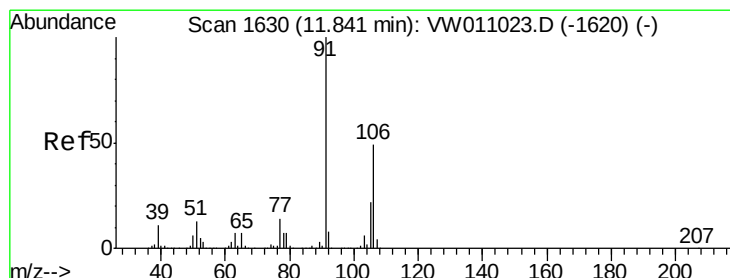
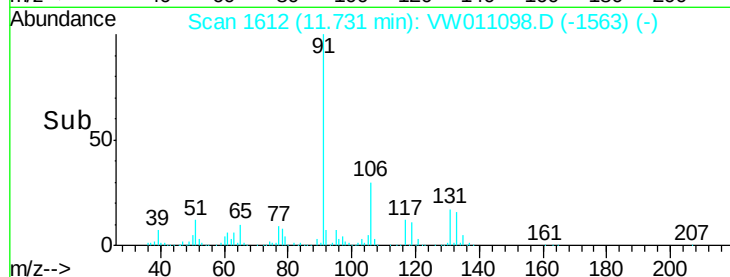
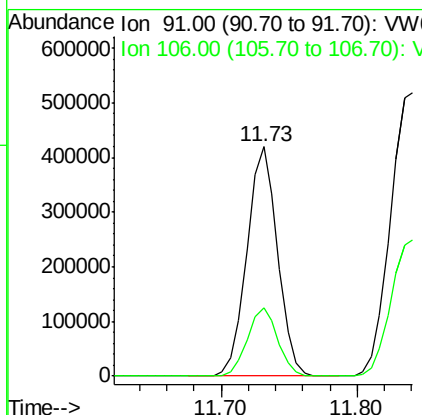
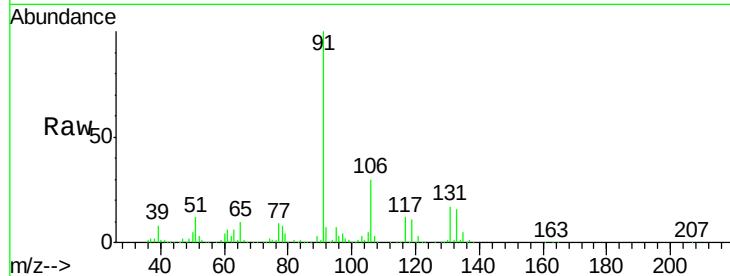
#67
Ethyl Benzene
Concen: 54.329 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 660542
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

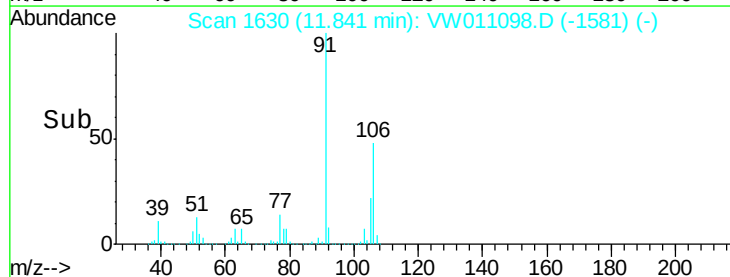
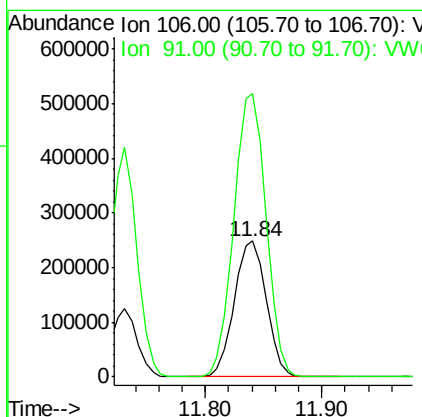
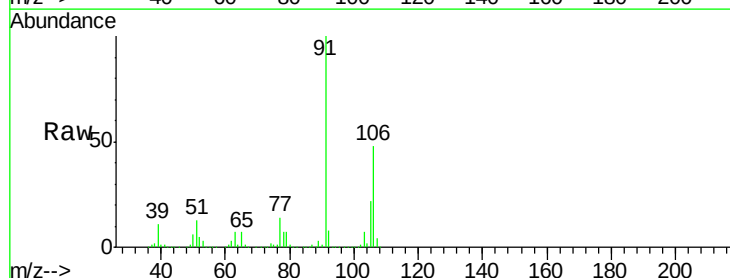
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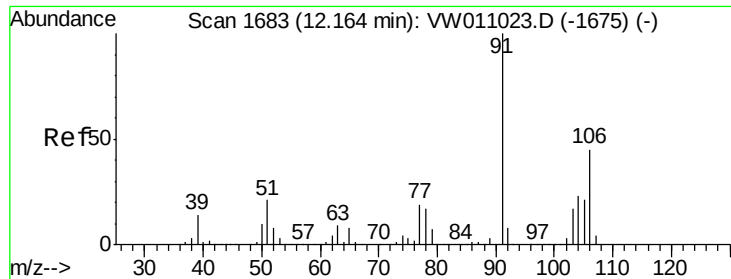
MMDadoda
7/2/2019 3:52:25 PM



#68
m/p-Xylenes
Concen: 108.109 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion: 106 Resp: 476949
Ion Ratio Lower Upper
106 100
91 209.9 167.5 251.3





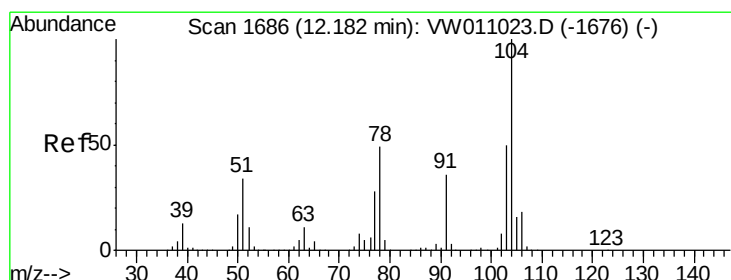
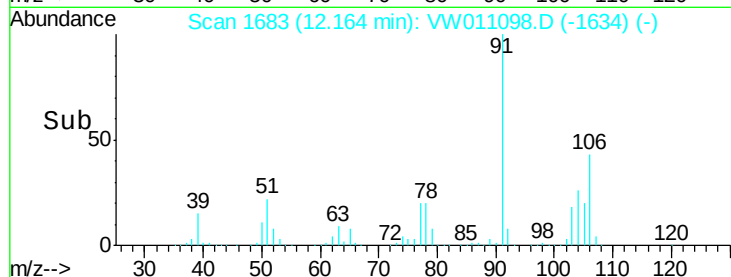
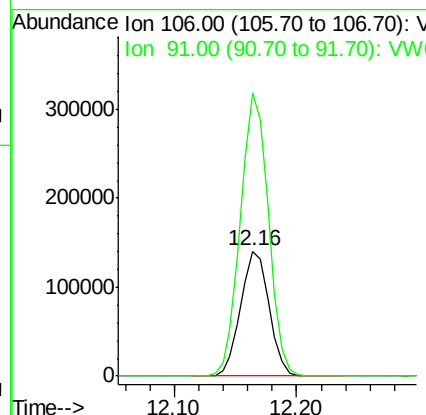
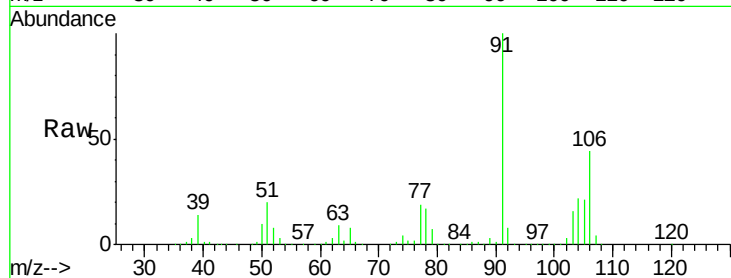
#69
o-Xylene
Concen: 55.058 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 226245
Ion Ratio Lower Upper
106 100
91 223.3 110.8 332.3

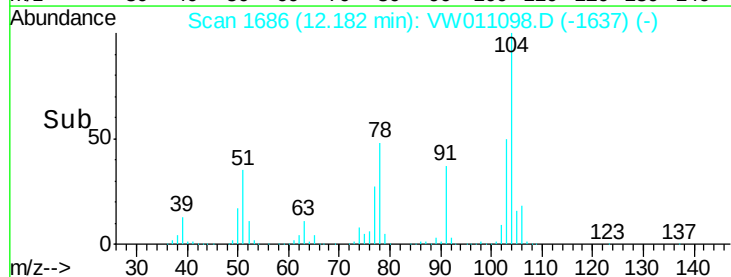
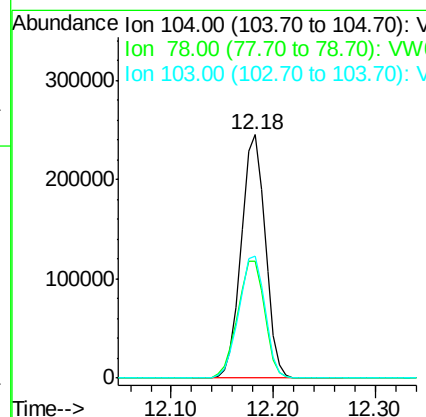
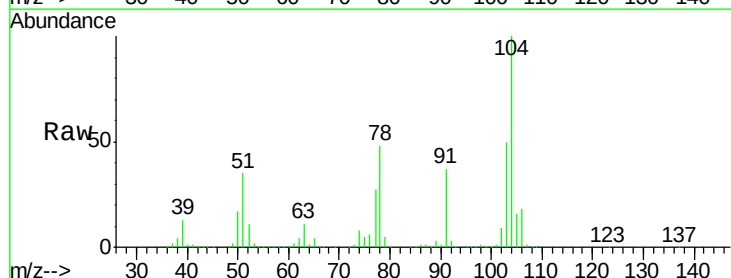
Manual Integrations
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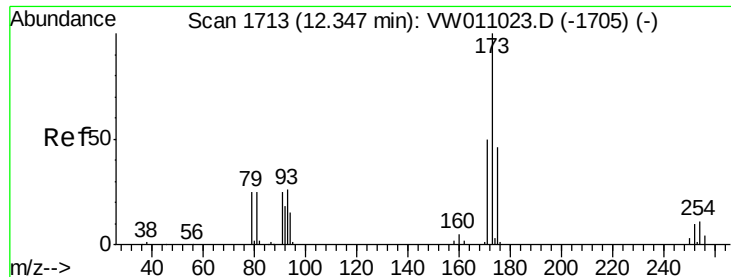
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#70
Styrene
Concen: 55.870 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion:104 Resp: 398948
Ion Ratio Lower Upper
104 100
78 53.8 43.7 65.5
103 54.6 43.9 65.9





#71

Bromoform

Concen: 59.655 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 62679

Ion Ratio Lower Upper

173 100

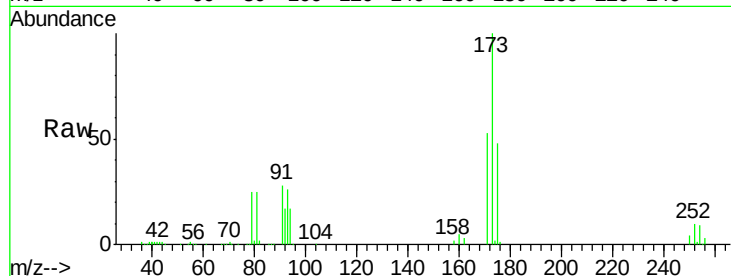
175 49.0 24.1 72.2

254 0.2 0.0 0.0#

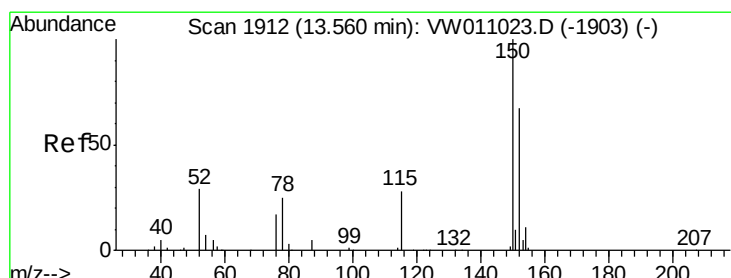
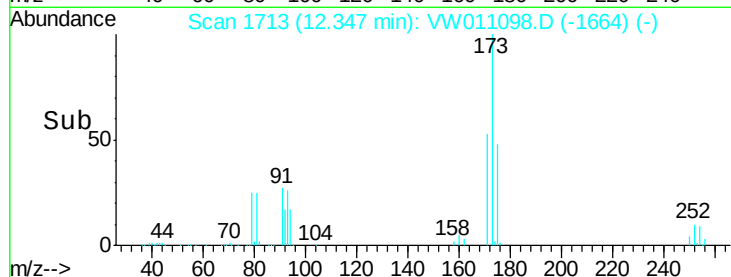
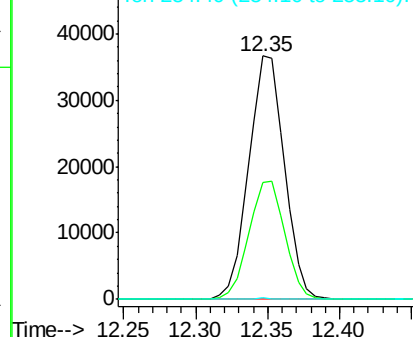
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

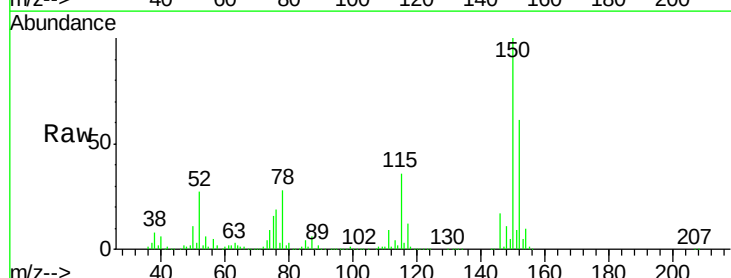
Tgt Ion:152 Resp: 151379

Ion Ratio Lower Upper

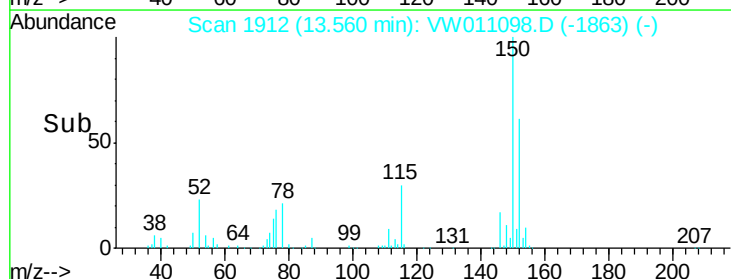
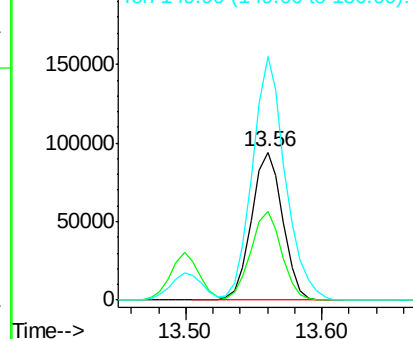
152 100

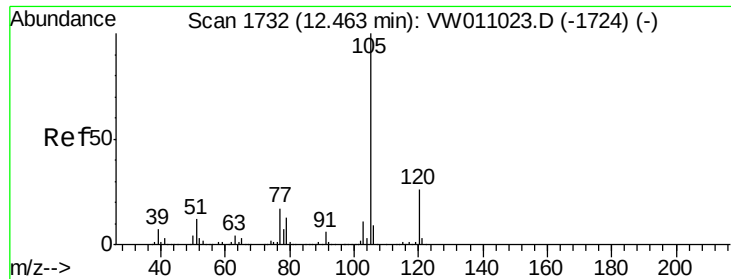
115 59.4 30.7 92.1

150 174.1 0.0 341.8



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





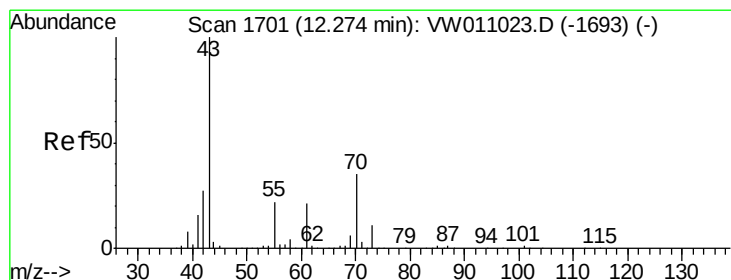
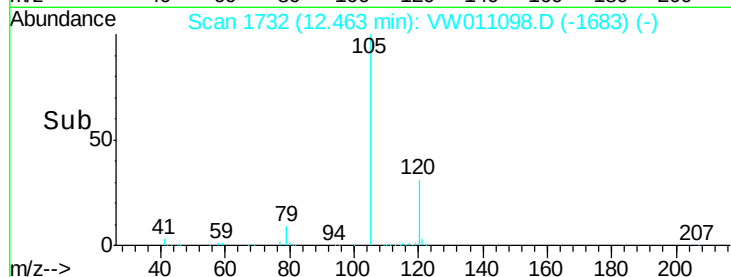
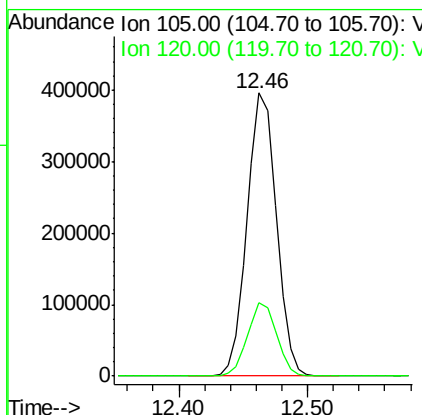
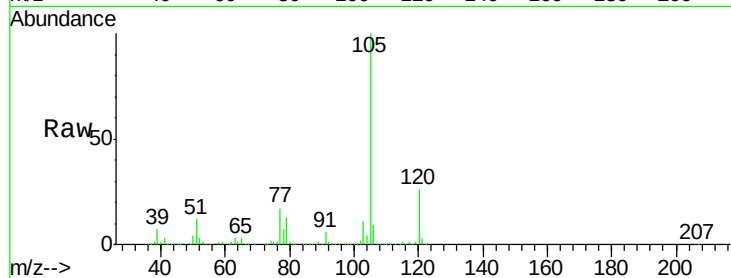
#73
Isopropylbenzene
Concen: 54.649 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.6

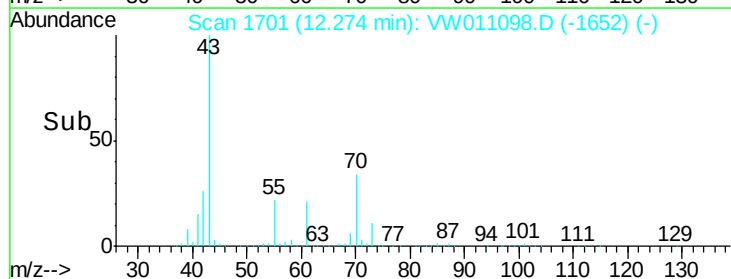
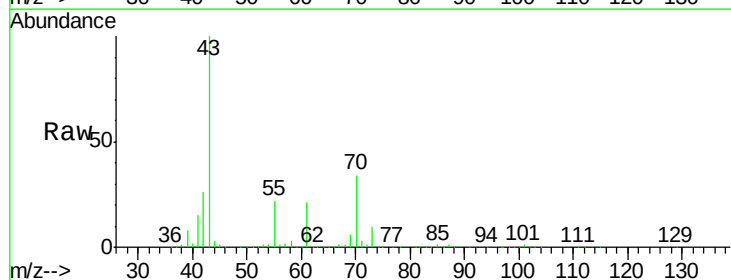
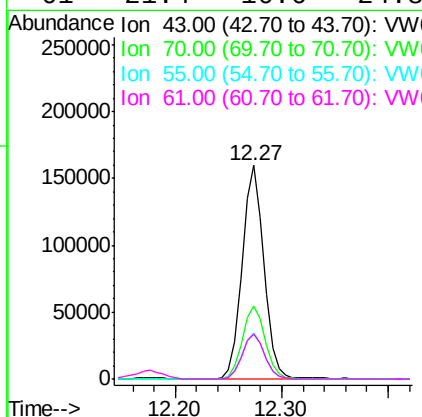
Manual Integrations
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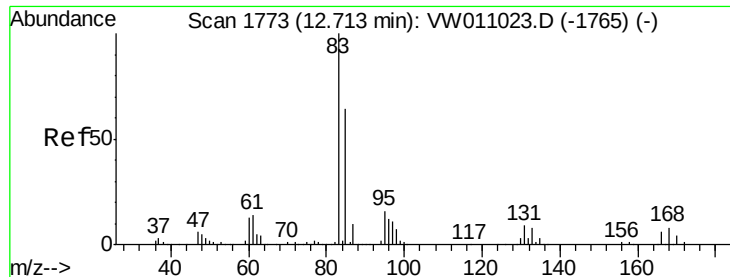
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#74
N-ethyl acetate
Concen: 60.241 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.8	28.2	42.4
55	22.2	17.8	26.8
61	21.4	16.6	24.8





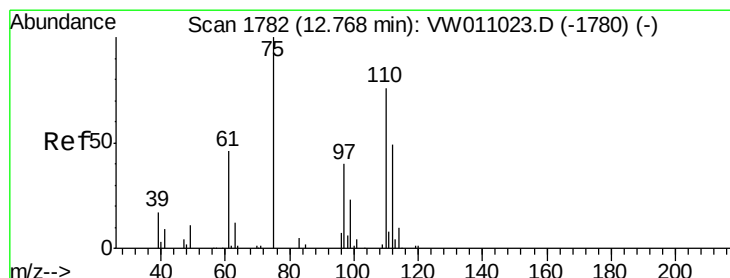
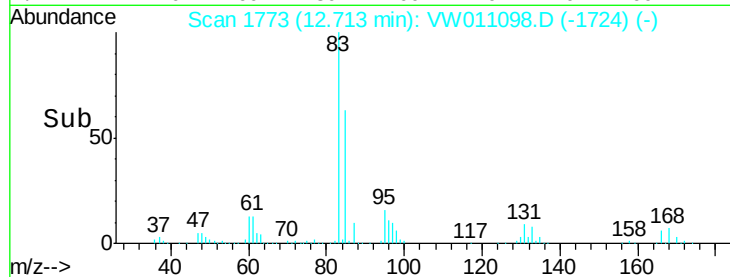
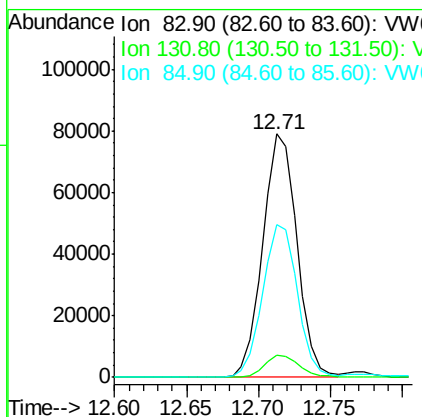
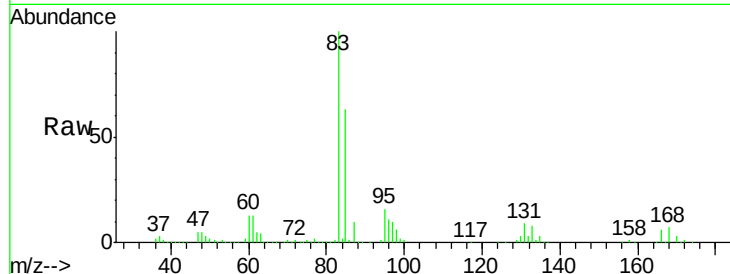
#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.558 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	130405
Ion Ratio	100	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	63.5	31.8	95.4

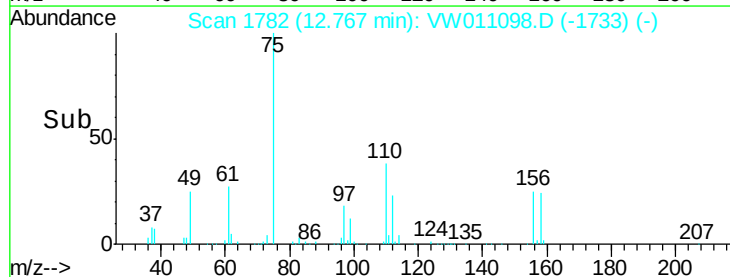
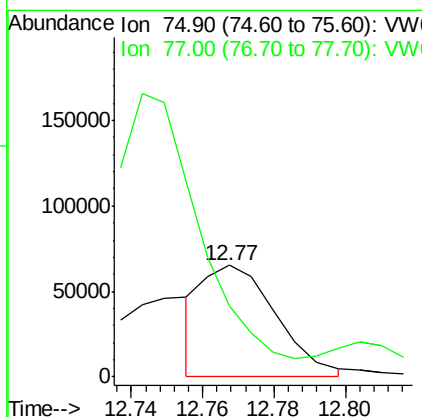
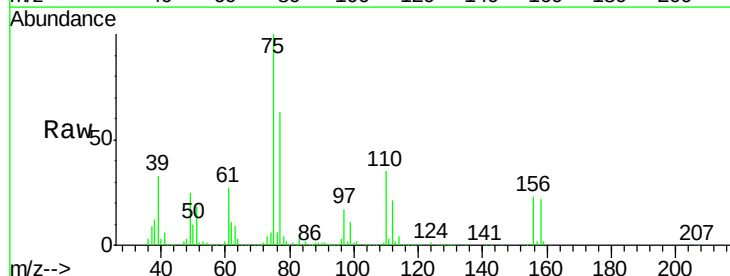
Manual Integrations
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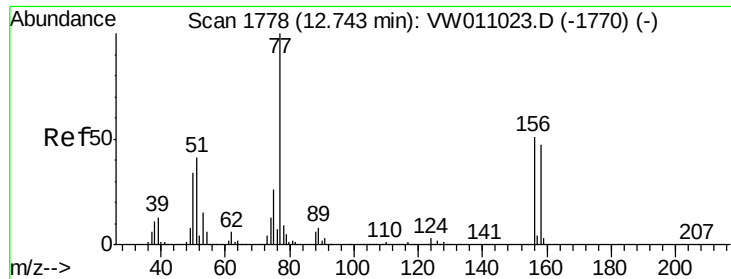
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#76
 1,2,3-Trichloropropane
 Concen: 58.530 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	75	Resp	93541
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.177 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

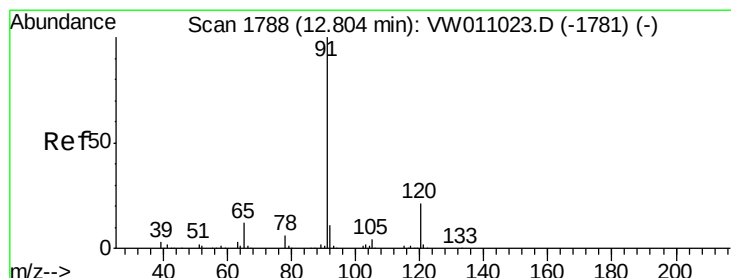
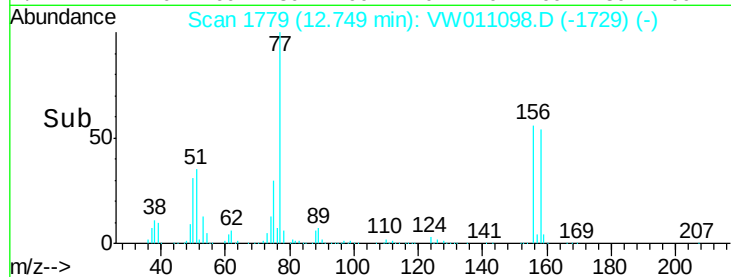
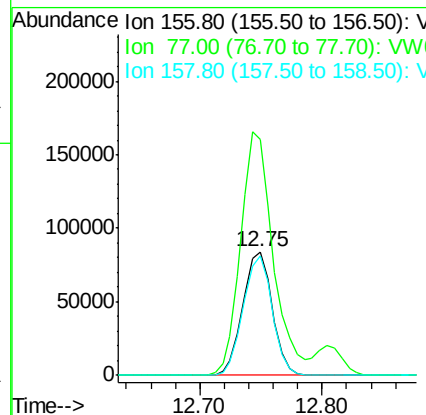
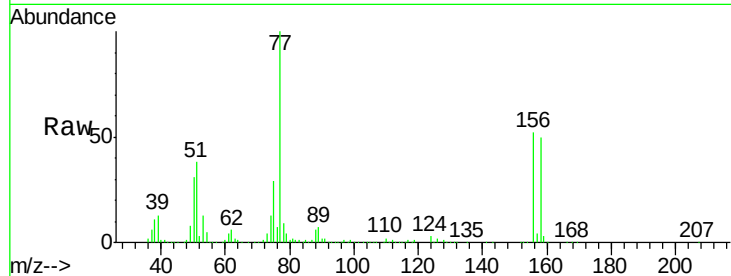
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	140030
Ion Ratio	Lower	Upper	
156	100		
77	216.6	109.5	328.5
158	95.2	48.6	145.9

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#78

n-propylbenzene

Concen: 53.778 ug/l

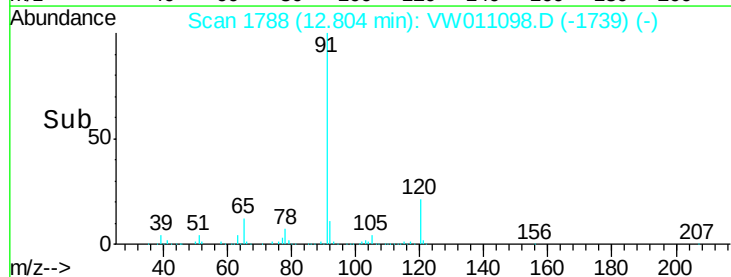
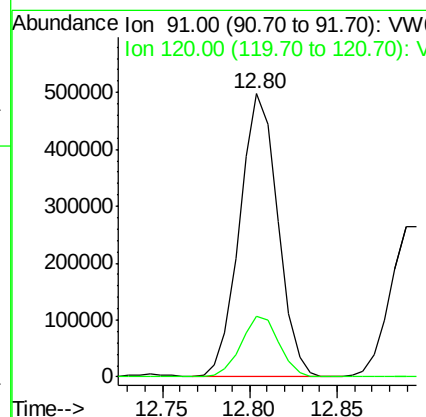
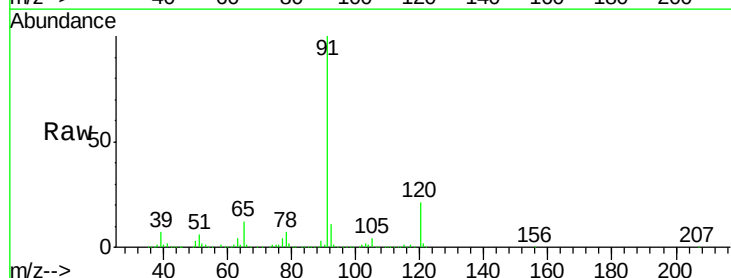
RT: 12.80 min Scan# 1788

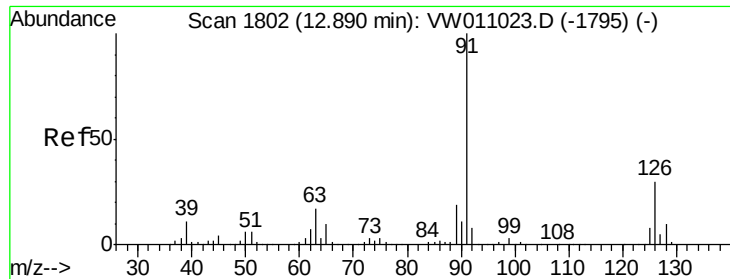
Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Tgt Ion:	91	Resp:	755231
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.5	31.6





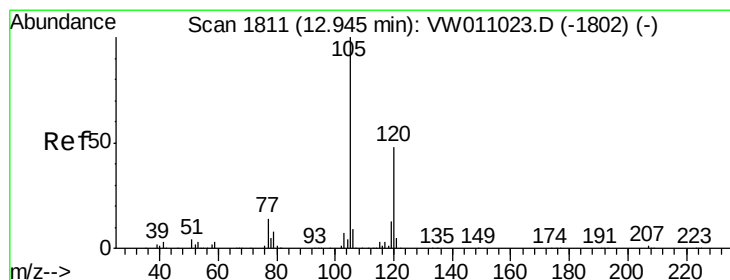
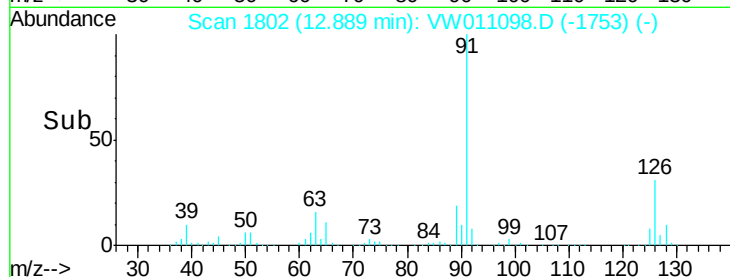
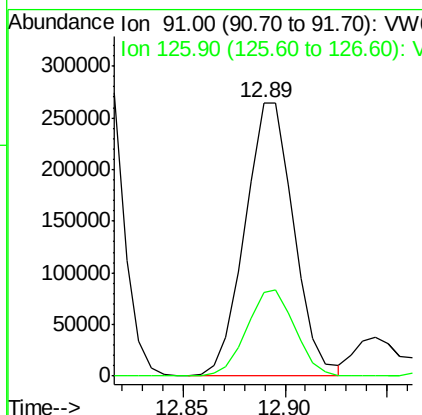
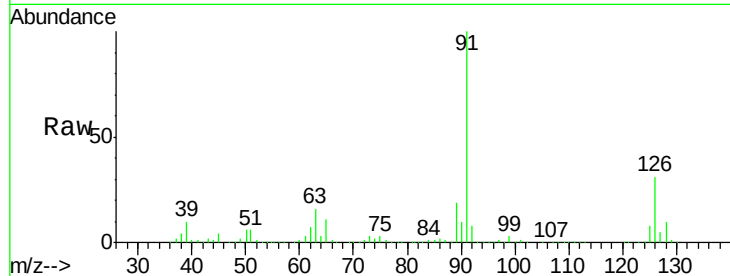
#79
 2-Chlorotoluene
 Concen: 54.930 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4

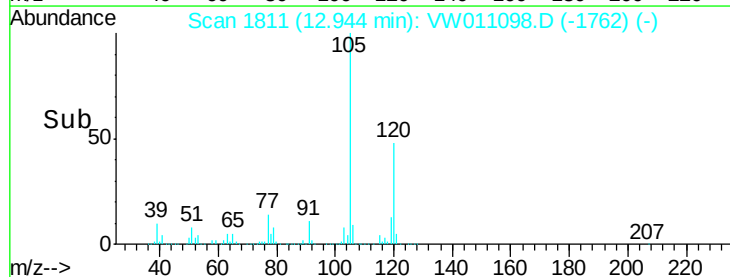
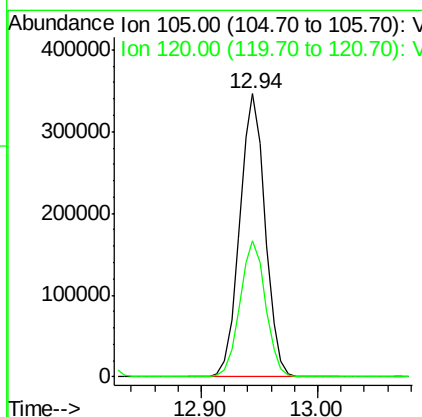
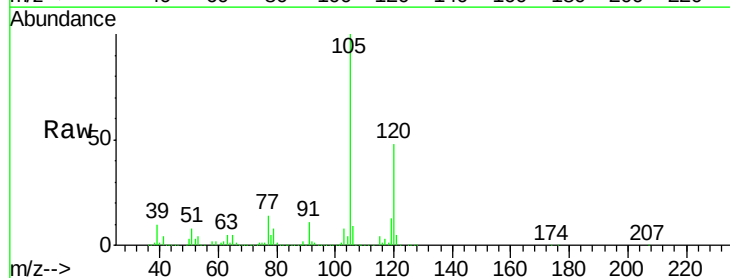
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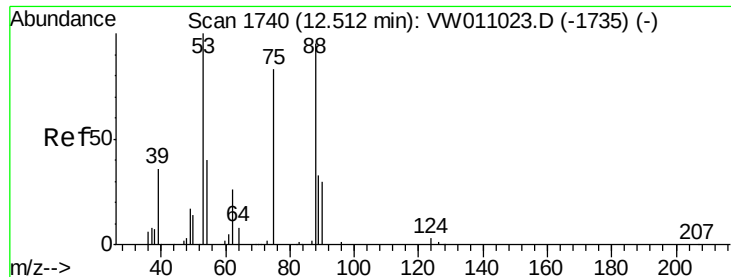
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.658 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.8	71.5





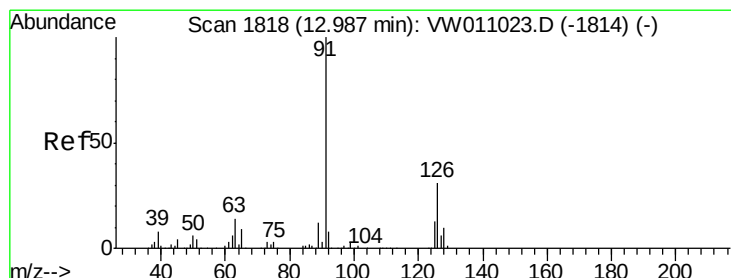
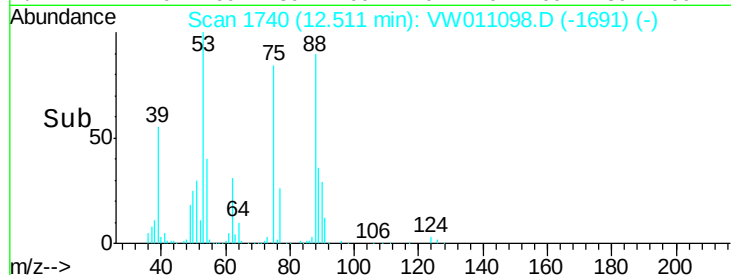
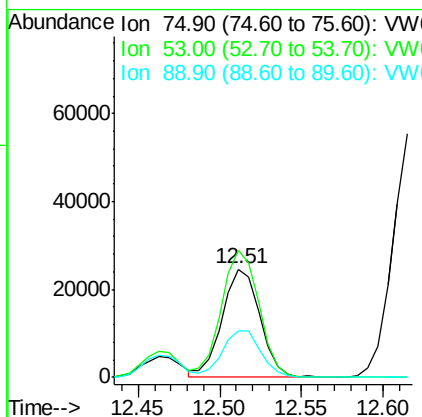
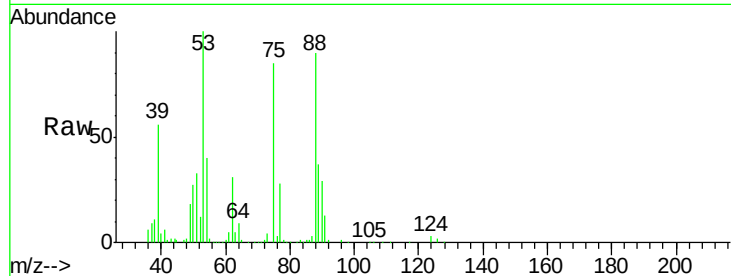
#81
trans-1,4-Dichloro-2-butene
Concen: 52.111 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.5	95.6	143.4
89	44.3	34.4	51.6

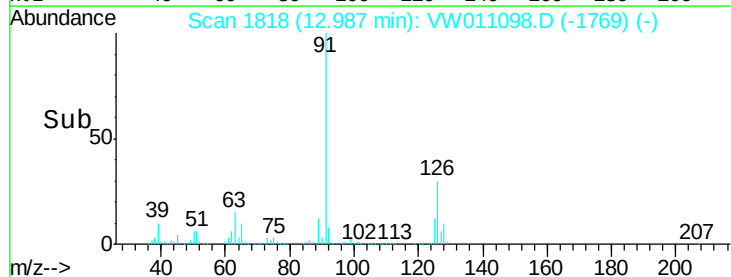
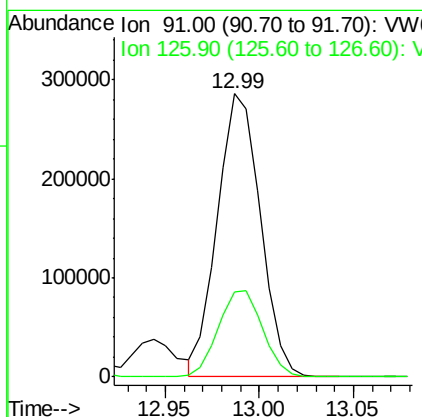
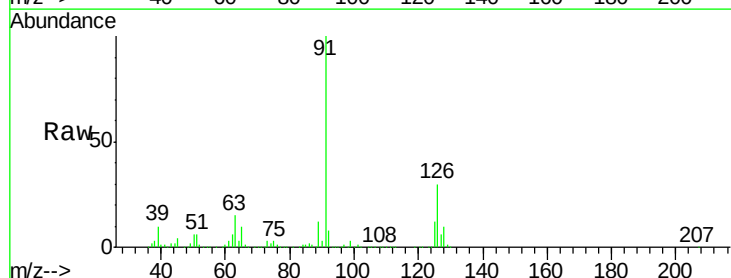
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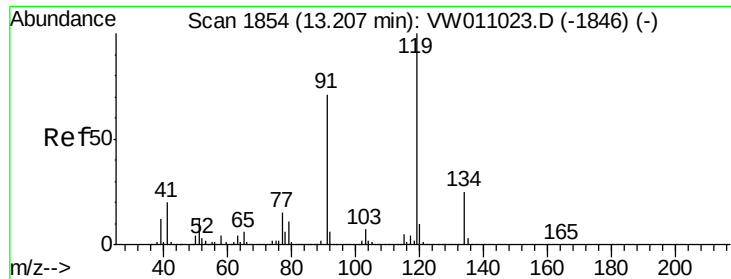
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#82
4-Chlorotoluene
Concen: 54.116 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.1





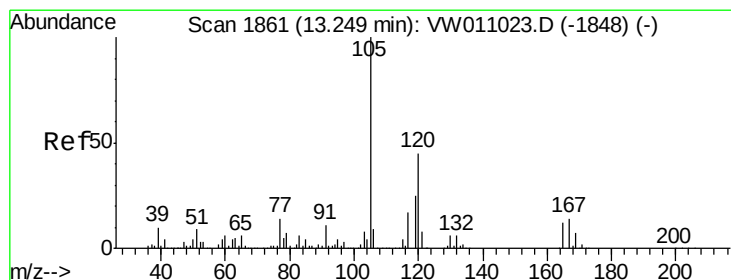
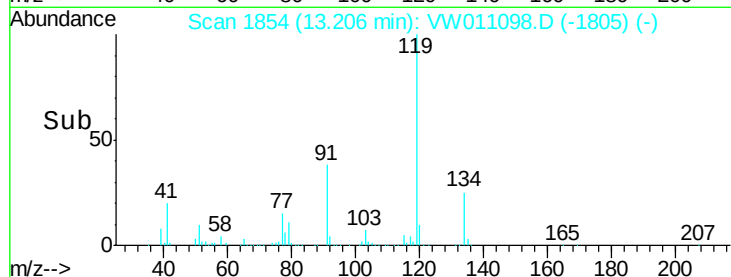
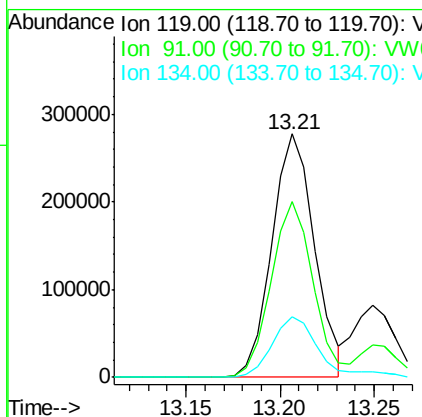
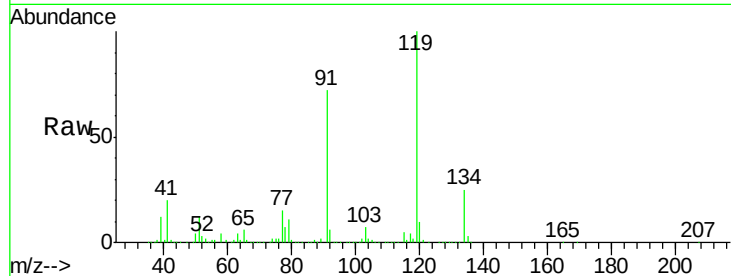
#83
 tert-Butylbenzene
 Concen: 54.378 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.5	35.5	106.5
134	27.3	12.4	37.2

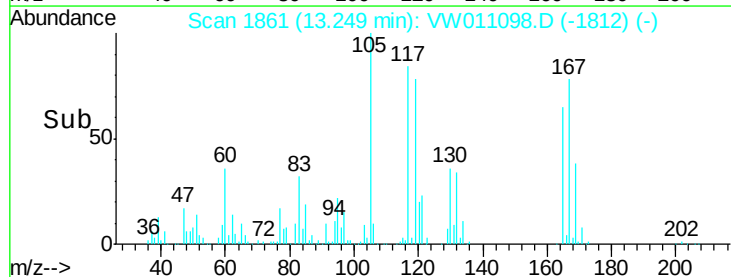
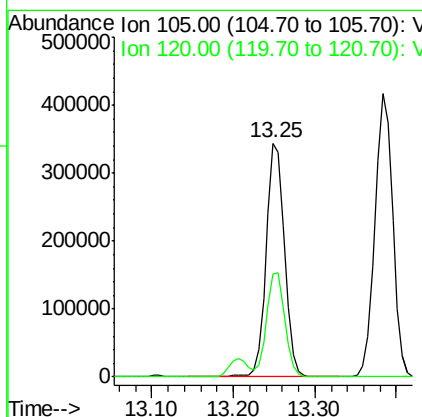
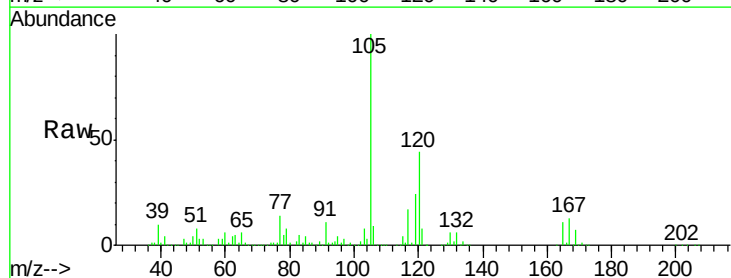
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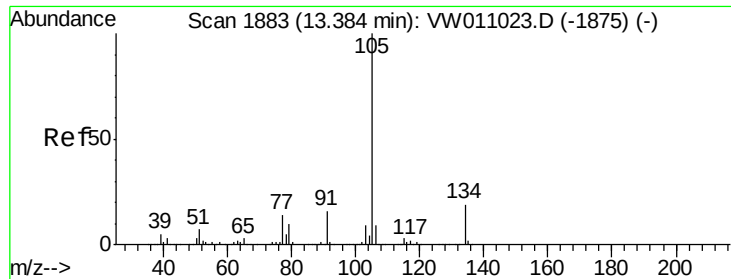
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.032 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.2





#85

sec-Butylbenzene

Concen: 54.108 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 630028

Ion Ratio Lower Upper

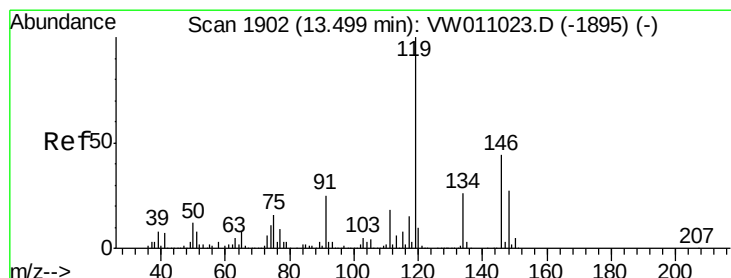
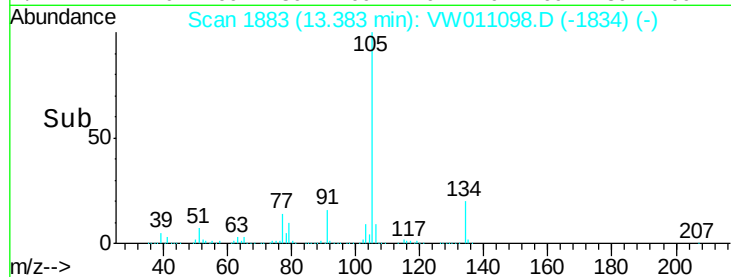
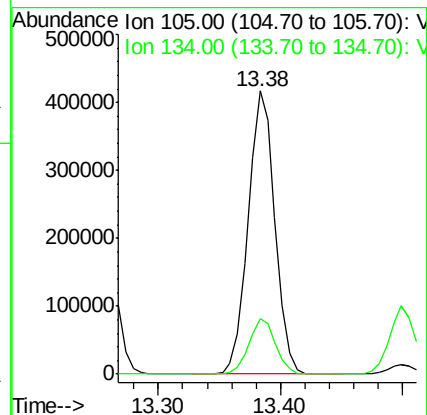
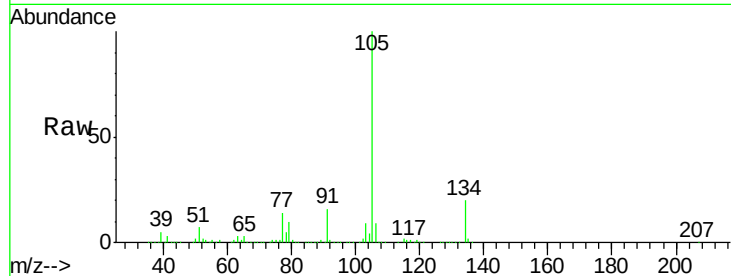
105 100

134 19.7 9.6 28.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 54.368 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011098.D

Acq: 01 Jul 2019 21:08

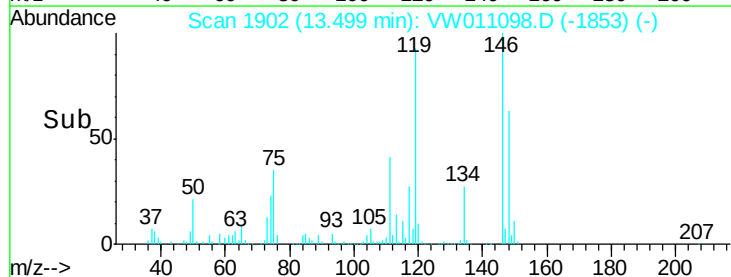
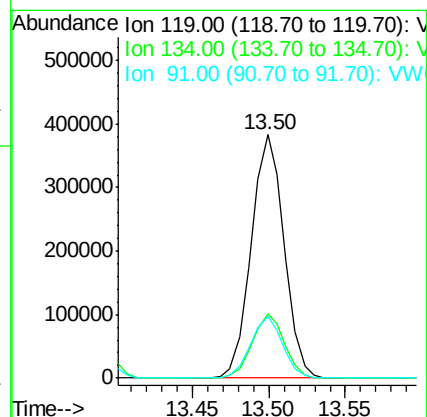
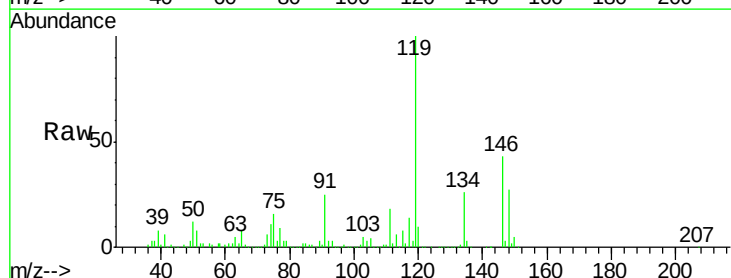
Tgt Ion:119 Resp: 569676

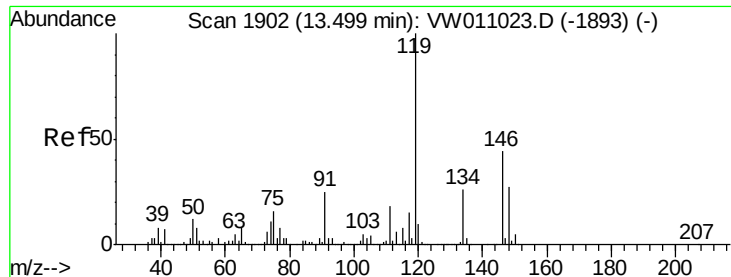
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 24.5 12.3 36.9





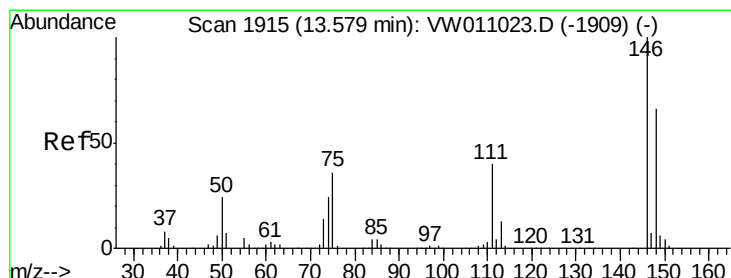
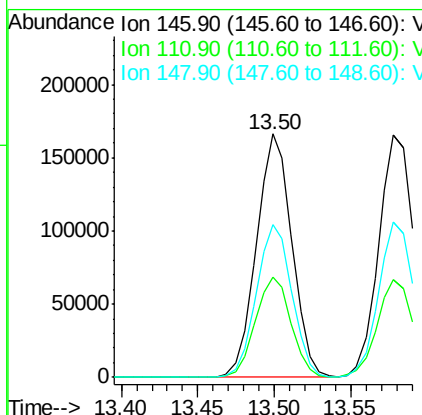
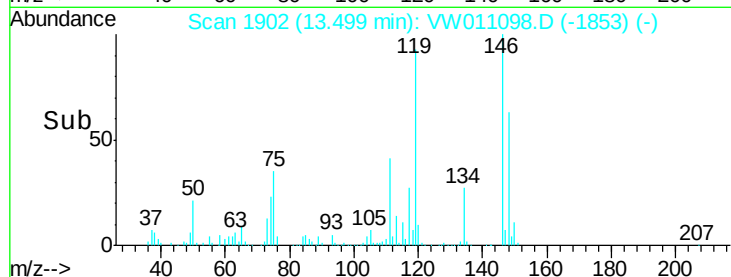
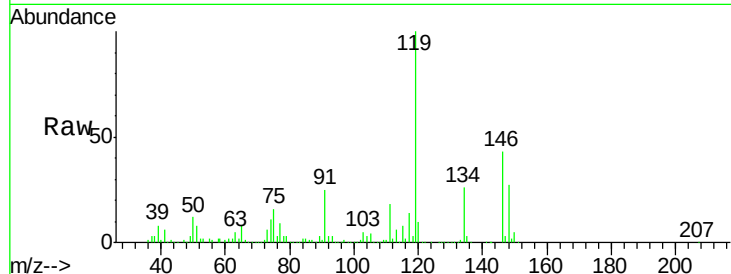
#87
1,3-Dichlorobenzene
Concen: 54.238 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.8
148	63.1	31.8	95.4

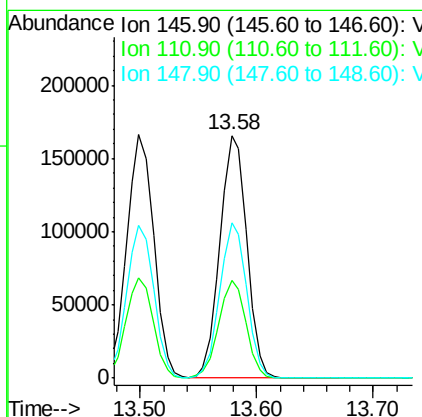
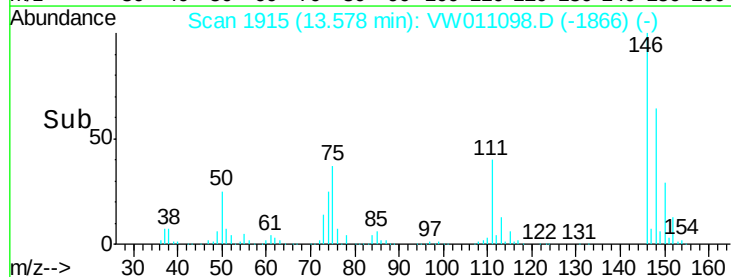
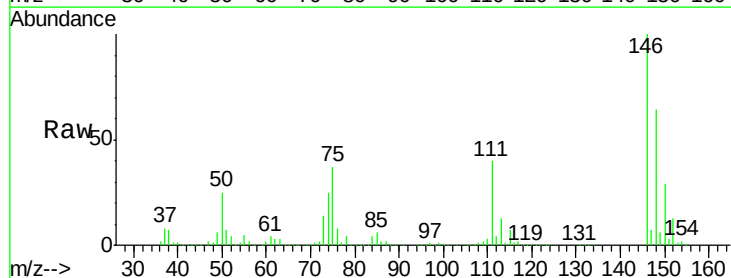
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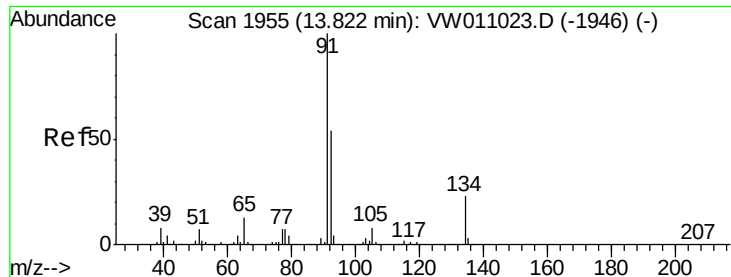
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#88
1,4-Dichlorobenzene
Concen: 53.797 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.9
148	64.0	32.4	97.2





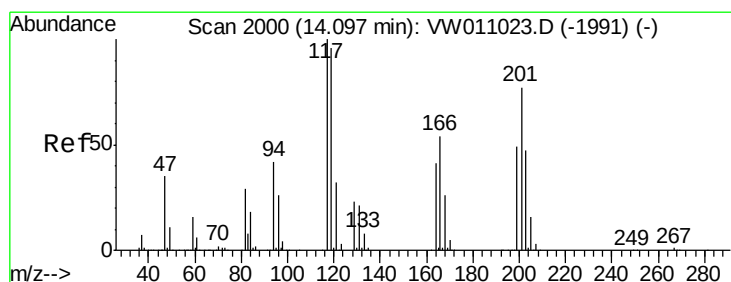
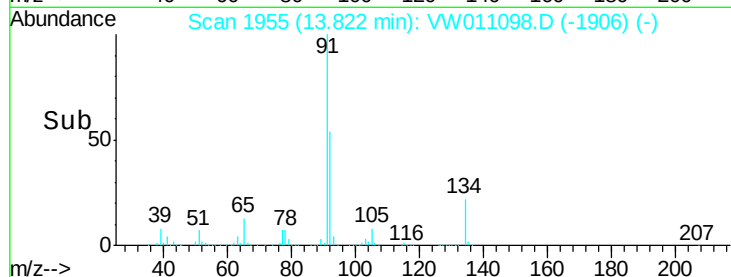
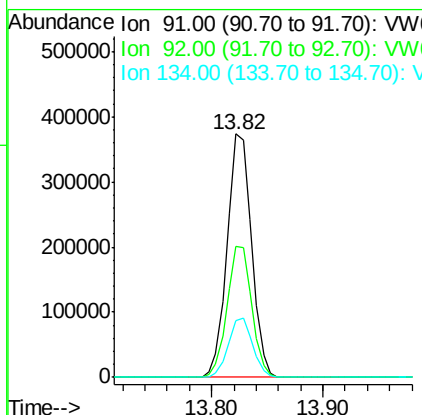
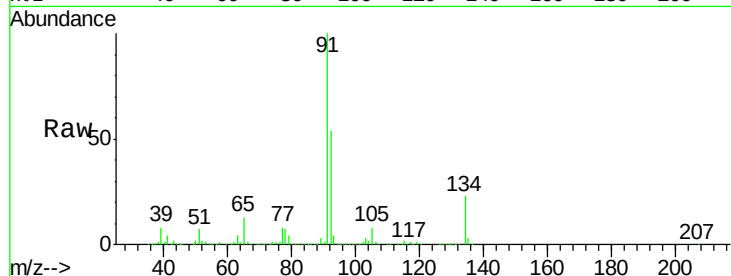
#89
n-Butylbenzene
Concen: 53.243 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	24.2	12.0	36.1

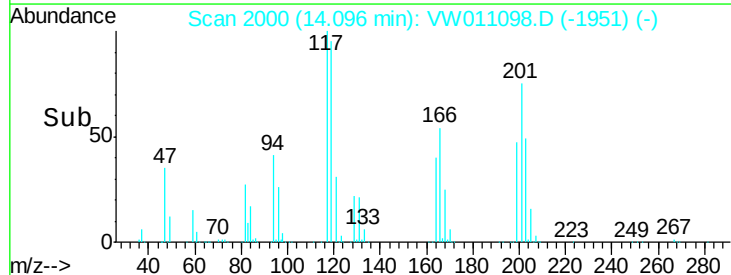
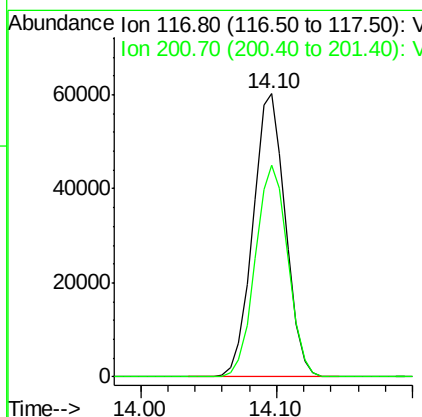
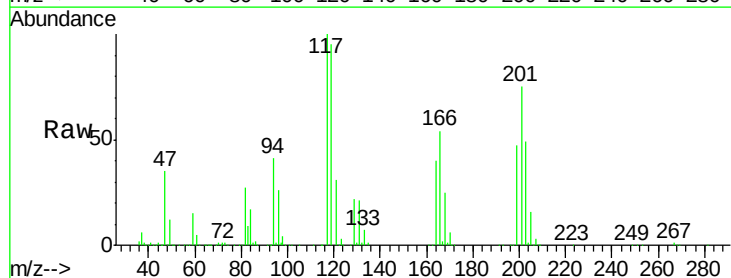
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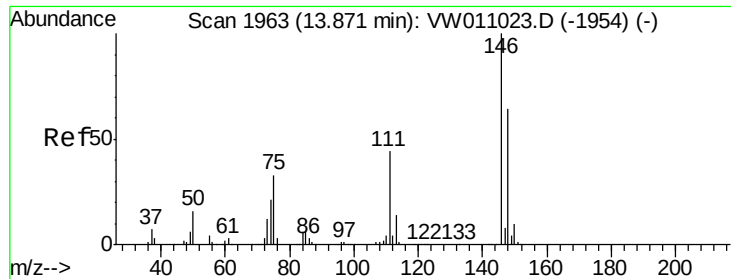
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#90
Hexachloroethane
Concen: 56.161 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	38.0	114.0





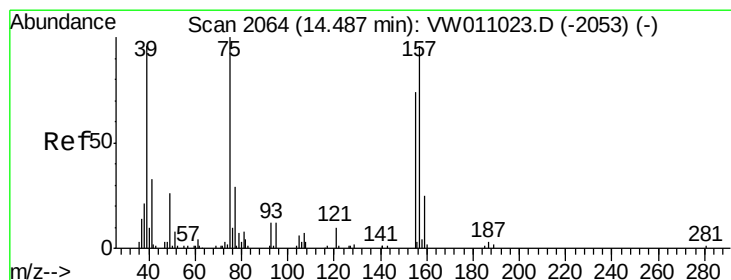
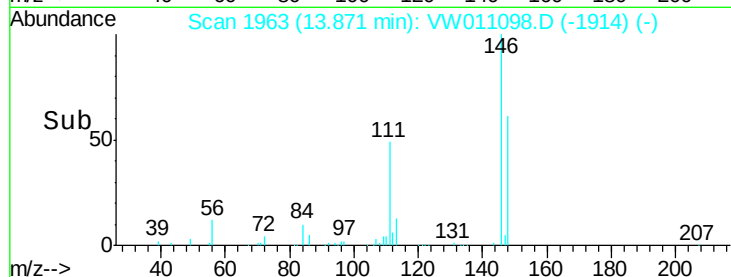
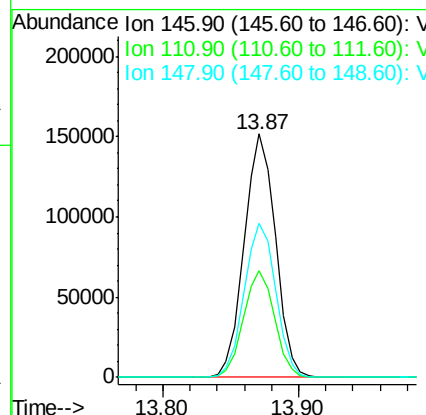
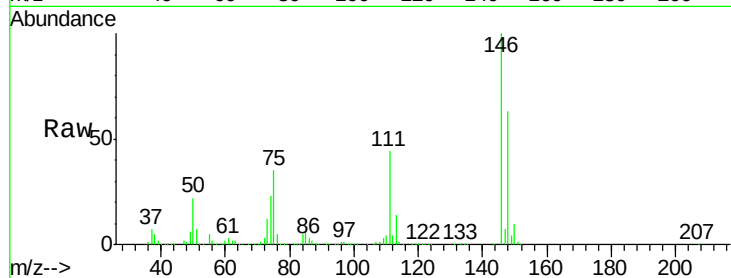
#91
 1,2-Dichlorobenzene
 Concen: 55.246 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.4	64.3
148	63.8	31.8	95.3

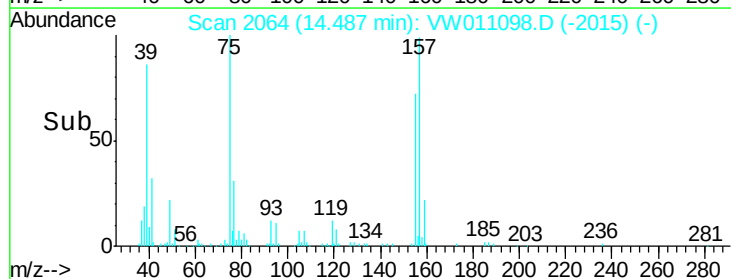
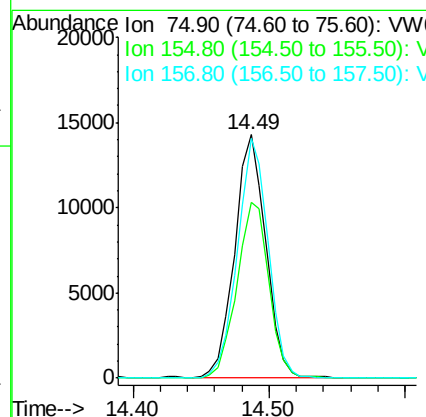
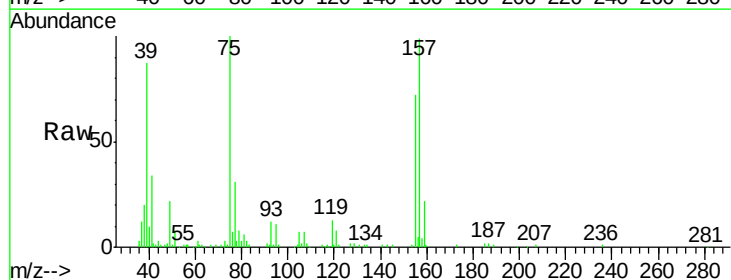
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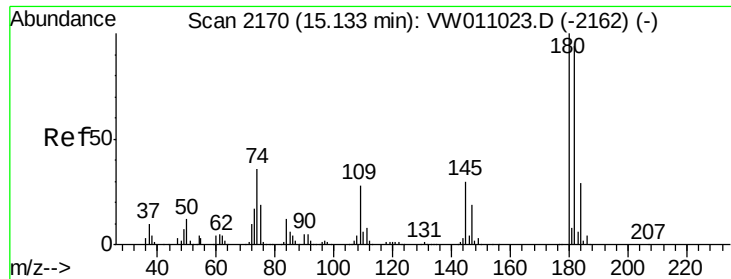
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.253 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.0	37.0	110.9
157	96.8	45.9	137.7





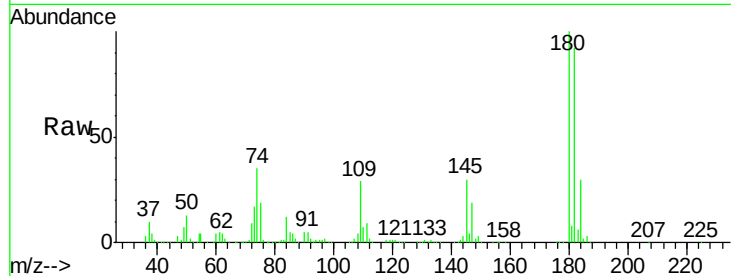
#93
 1,2,4-Trichlorobenzene
 Concen: 54.896 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

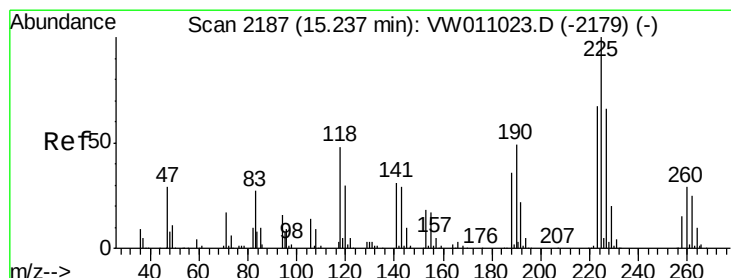
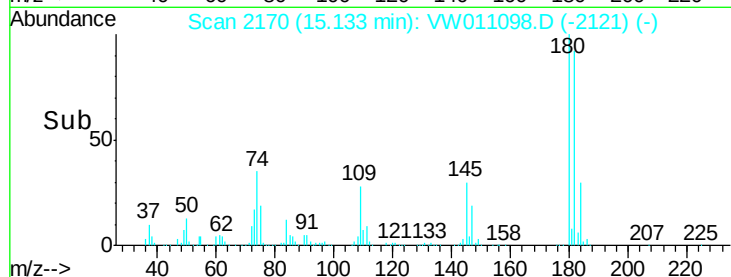
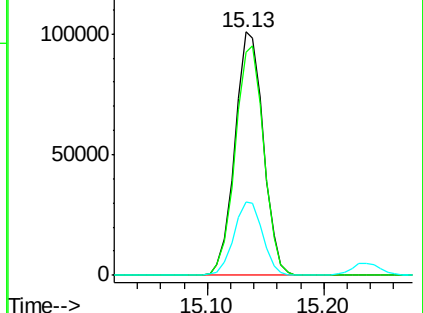
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.2
145	30.4	15.3	45.8

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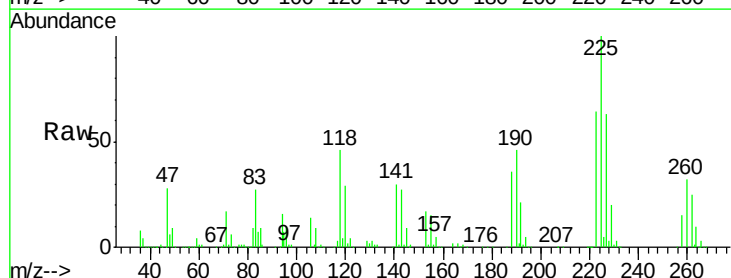


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

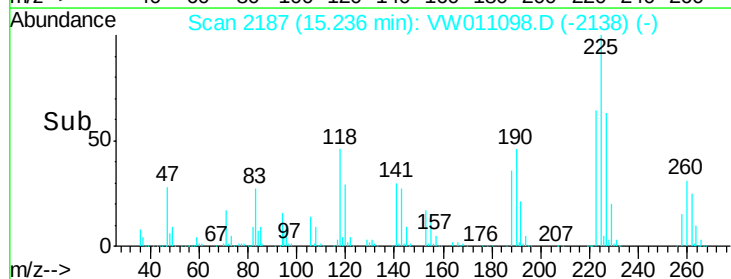
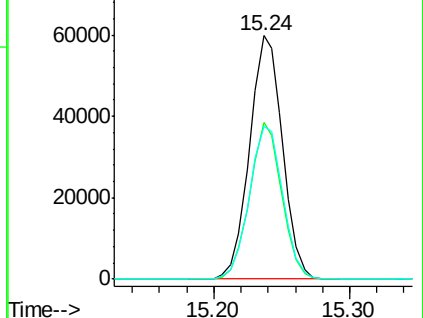


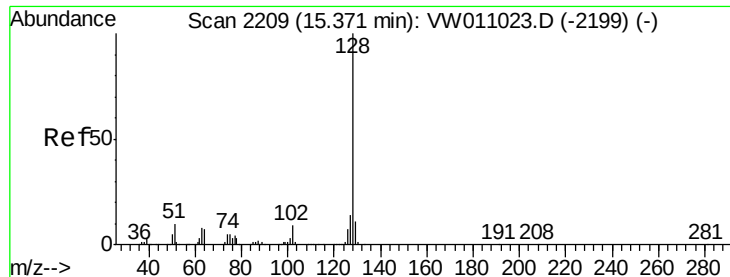
#94
 Hexachlorobutadiene
 Concen: 53.637 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011098.D
 Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.9
227	63.6	31.9	95.9



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





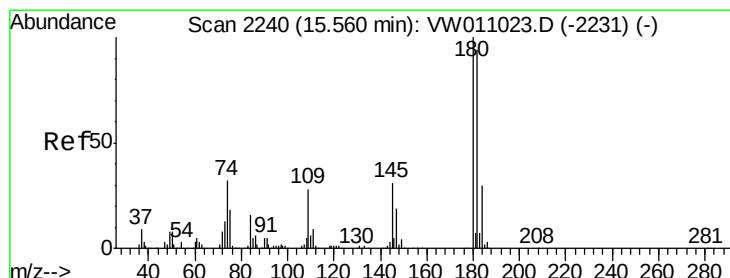
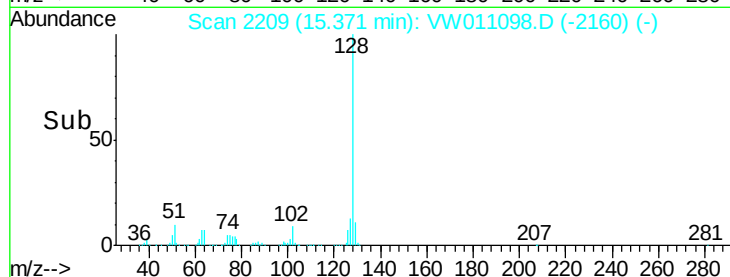
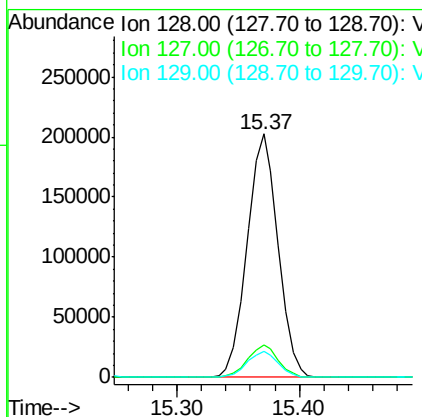
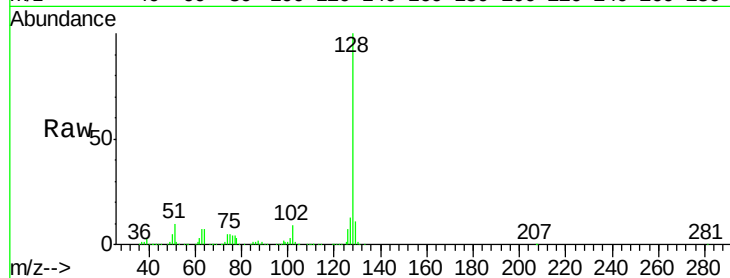
#95
Naphthalene
Concen: 60.693 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/2/2019 3:52:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.013 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011098.D
Acq: 01 Jul 2019 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.7
145	32.0	16.1	48.2

