

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012122.D
 Acq On : 22 Aug 2019 20:09
 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
 8/23/2019 10:49:02 AM

Quant Time: Aug 23 08:09:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143735	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	133918	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.88	113	107146	57.84	ug/l	0.00
Spiked Amount			Recovery	=	115.68%	
50) Toluene-d8	10.32	98	426461	56.23	ug/l	0.00
Spiked Amount			Recovery	=	112.46%	
62) 4-Bromofluorobenzene	12.62	95	152977	56.58	ug/l	0.00
Spiked Amount			Recovery	=	113.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	55652	48.930	ug/l	100
3) Chloromethane	2.21	50	105262	53.372	ug/l	98
4) Vinyl Chloride	2.36	62	133372	56.170	ug/l	98
5) Bromomethane	2.74	94	66468	50.574	ug/l	99
6) Chloroethane	2.91	64	79203	58.396	ug/l	97
7) Trichlorofluoromethane	3.24	101	64511	60.792	ug/l	96
8) Diethyl Ether	3.68	74	70580	58.662	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120914	60.066	ug/l	98
10) Methyl Iodide	4.28	142	163169	57.358	ug/l	99
11) Tert butyl alcohol	5.17	59	54148	317.939	ug/l	99
12) 1,1-Dichloroethene	4.04	96	120206	56.556	ug/l	99
13) Acrolein	3.89	56	36663	218.040	ug/l	100
14) Allyl chloride	4.67	41	259828	57.477	ug/l	99
15) Acrylonitrile	5.36	53	195588	325.651	ug/l	99
16) Acetone	4.12	43	185944	249.442	ug/l	100
17) Carbon Disulfide	4.38	76	336134	50.529	ug/l	100
18) Methyl Acetate	4.67	43	107115	63.964	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	210512	62.415	ug/l	94
20) Methylene Chloride	4.92	84	136385	53.050	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	129125	56.351	ug/l	98
22) Diisopropyl ether	6.31	45	509280	59.754	ug/l	100
23) Vinyl Acetate	6.25	43	1640011	306.233	ug/l	100
24) 1,1-Dichloroethane	6.21	63	266100	58.296	ug/l	99
25) 2-Butanone	7.17	43	281932	289.034	ug/l	99
26) 2,2-Dichloropropane	7.16	77	140923	50.201	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	143820	57.028	ug/l	99
28) Bromochloromethane	7.51	49	118741	58.607	ug/l #	98
29) Tetrahydrofuran	7.52	42	184659	331.189	ug/l	99
30) Chloroform	7.68	83	243917	57.921	ug/l	98
31) Cyclohexane	7.95	56	239274	54.608	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	190741	59.475	ug/l	99
36) 1,1-Dichloropropene	8.08	75	198668	57.867	ug/l	99
37) Ethyl Acetate	7.25	43	124727	63.147	ug/l	98
38) Carbon Tetrachloride	8.07	117	170768	58.104	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	220903	58.435	ug/l	98
40) Benzene	8.32	78	555272	57.742	ug/l	99
41) Methacrylonitrile	7.48	41	75765	64.169	ug/l	98
42) 1,2-Dichloroethane	8.40	62	180145	59.833	ug/l	100
43) Isopropyl Acetate	8.42	43	232284	63.945	ug/l	98
44) Trichloroethene	9.09	130	133153	57.610	ug/l	98
45) 1,2-Dichloropropane	9.37	63	151542	58.896	ug/l	96
46) Dibromomethane	9.46	93	69406	59.100	ug/l	99
47) Bromodichloromethane	9.65	83	180889	58.719	ug/l	97
48) Methyl methacrylate	9.43	41	113806	65.221	ug/l	98
49) 1,4-Dioxane	9.44	88	25027	1471.795	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	623316	329.892	ug/l	100
52) Toluene	10.39	92	340608	58.651	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190588	59.226	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	222083	58.043	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	100568	60.355	ug/l	98
56) Ethyl methacrylate	10.65	69	155690	63.852	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189726	60.184	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	414914	374.780	ug/l	100
59) 2-Hexanone	10.97	43	431667	323.569	ug/l	99
60) Dibromochloromethane	11.13	129	111933	60.517	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95741	60.716	ug/l	100
64) Tetrachloroethene	10.86	164	111200	58.393	ug/l	99
65) Chlorobenzene	11.66	112	342139	58.185	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	121221	59.184	ug/l	100
67) Ethyl Benzene	11.73	91	660655	58.992	ug/l	99
68) m/p-Xylenes	11.84	106	474750	116.568	ug/l	99
69) o-Xylene	12.16	106	222421	58.769	ug/l	99
70) Styrene	12.18	104	391136	59.773	ug/l	100
71) Bromoform	12.35	173	64668	61.925	ug/l #	98
73) Isopropylbenzene	12.46	105	628319	58.596	ug/l	99
74) N-amyl acetate	12.27	43	217299	64.728	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	125746	62.344	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	89455m	58.818	ug/l	
77) Bromobenzene	12.74	156	137256	57.911	ug/l	99
78) n-propylbenzene	12.80	91	768636	58.900	ug/l	99
79) 2-Chlorotoluene	12.89	91	436134	58.011	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	529161	58.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39800	60.311	ug/l	97
82) 4-Chlorotoluene	12.99	91	445995	56.541	ug/l	99
83) tert-Butylbenzene	13.21	119	450466	59.929	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	532608	58.821	ug/l	100
85) sec-Butylbenzene	13.38	105	644926	60.132	ug/l	100
86) p-Isopropyltoluene	13.50	119	578540	59.452	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	267871	57.641	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	261159	56.492	ug/l	99
89) n-Butylbenzene	13.82	91	578223	59.542	ug/l	99
90) Hexachloroethane	14.10	117	100810	58.585	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	242980	59.115	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22260	64.719	ug/l	99

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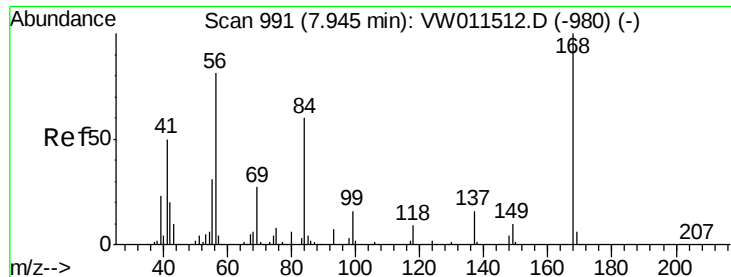
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173139	59.769	ug/l	100
94) Hexachlorobutadiene	15.24	225	112048	62.025	ug/l	98
95) Naphthalene	15.37	128	336942	58.992	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	151742	59.759	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: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 204082

Ion Ratio Lower Upper

168 100

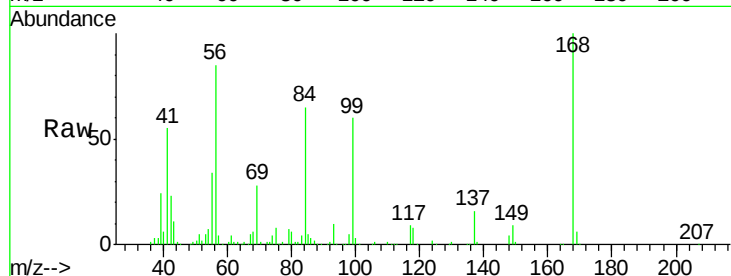
99 59.7 48.2 72.4

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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

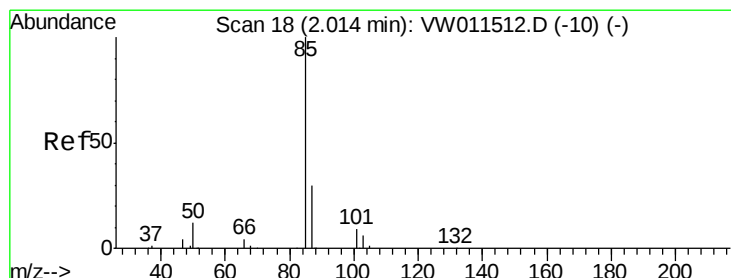
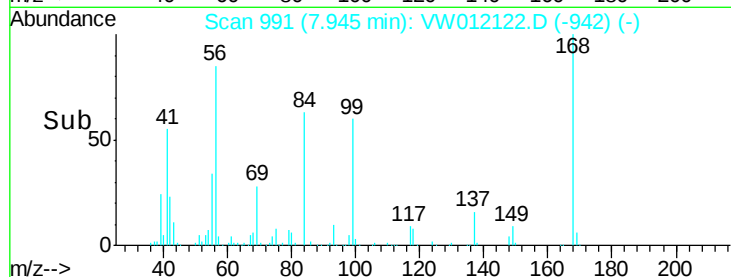
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 48.930 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012122.D

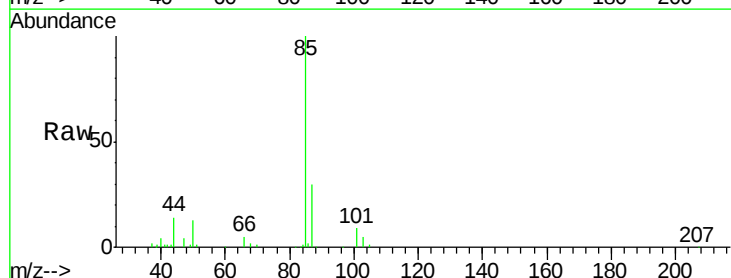
Acq: 22 Aug 2019 20:09

Tgt Ion: 85 Resp: 55652

Ion Ratio Lower Upper

85 100

87 30.5 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

10000

5000

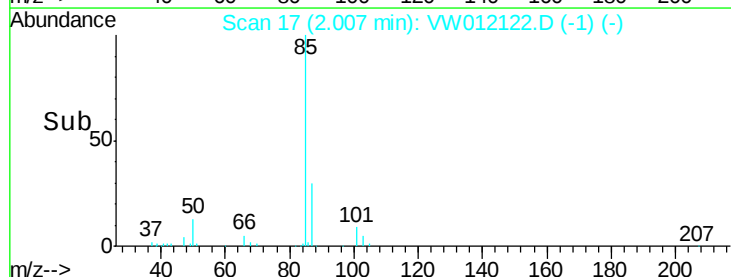
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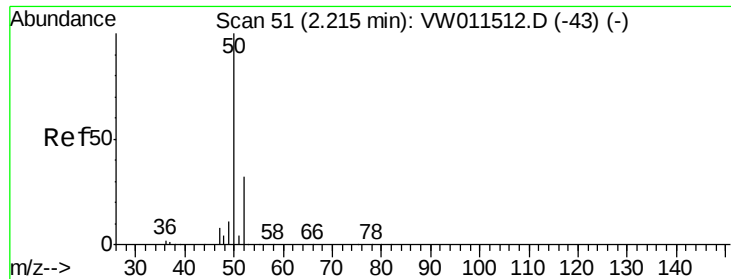
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 53.372 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 105262

Ion Ratio Lower Upper

50 100

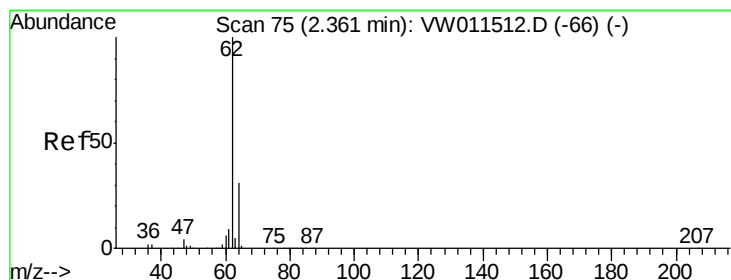
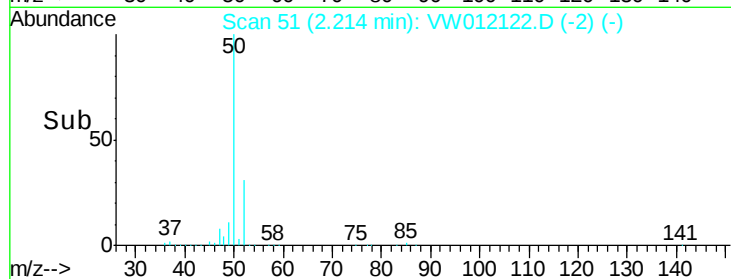
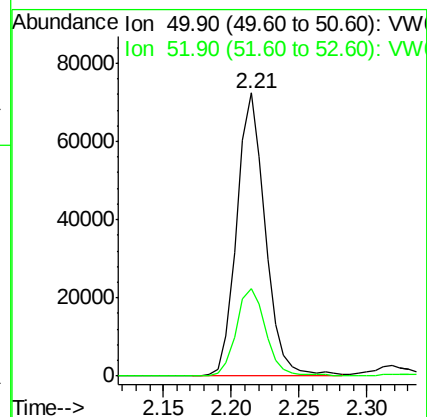
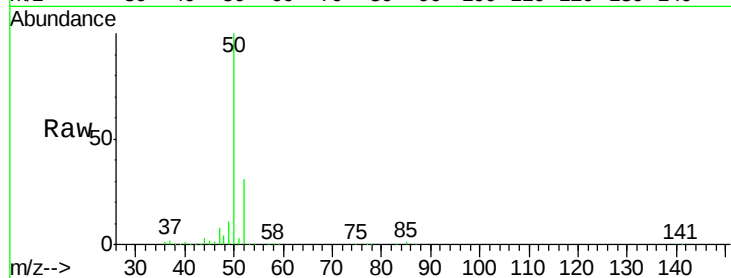
52 31.0 25.4 38.2

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#4

Vinyl Chloride

Concen: 56.170 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012122.D

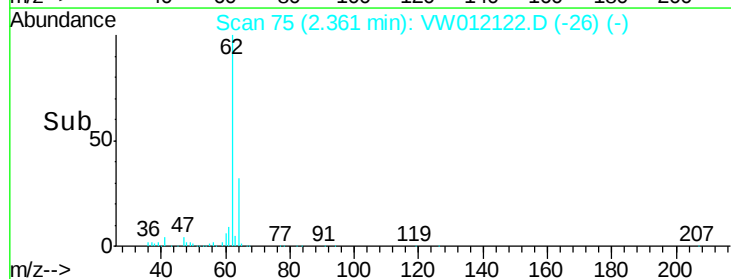
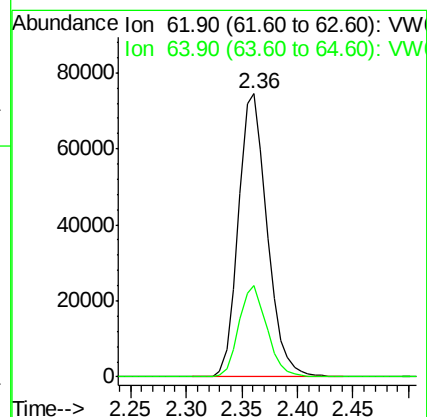
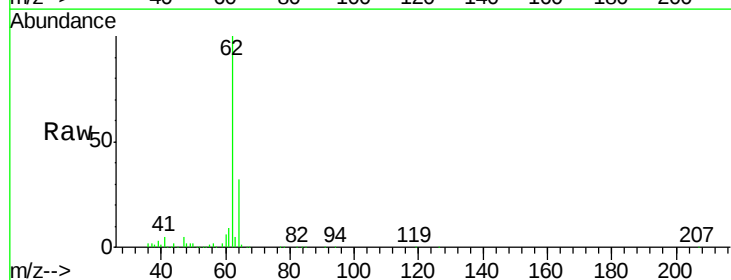
Acq: 22 Aug 2019 20:09

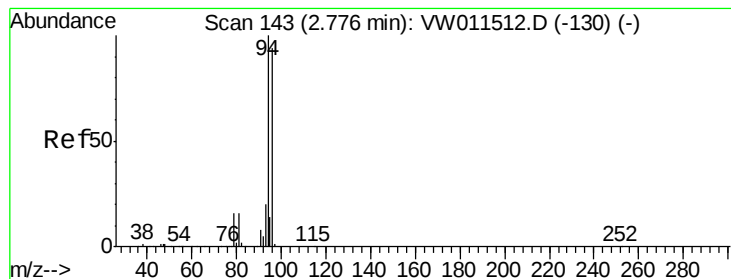
Tgt Ion: 62 Resp: 133372

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 50.574 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.04 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

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Tot Ion: 94 Resp: 66468

Ion Ratio Lower Upper

94 100

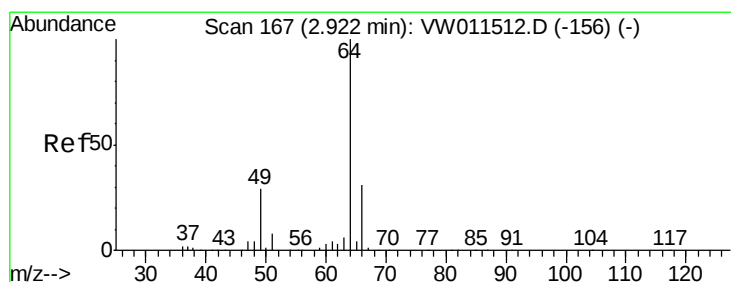
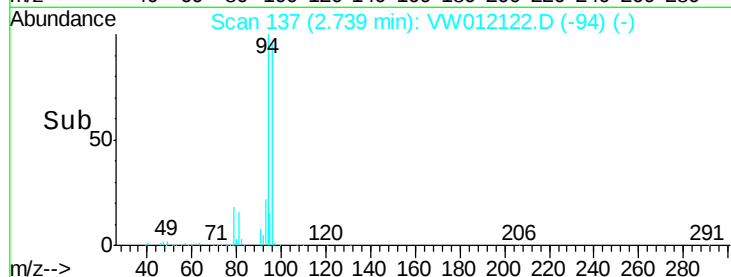
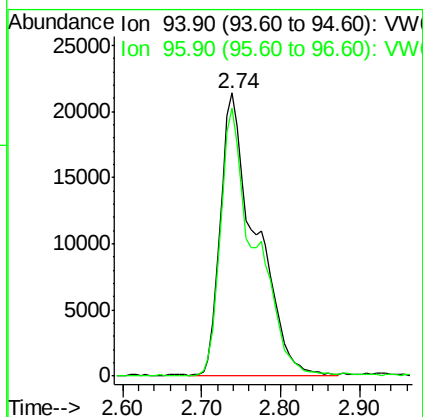
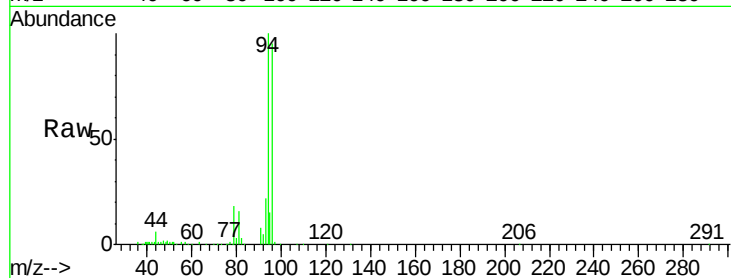
96 95.1 75.0 112.6

Manual Integrations

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8/23/2019 10:49:02 AM



#6

Chloroethane

Concen: 58.396 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012122.D

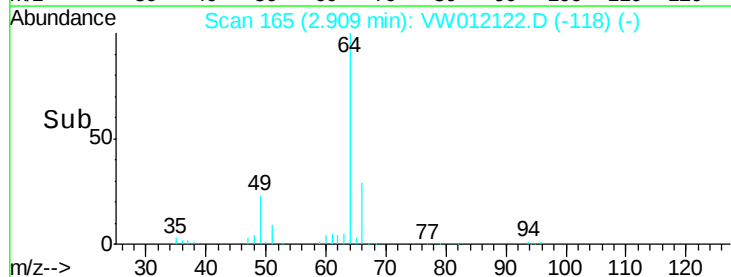
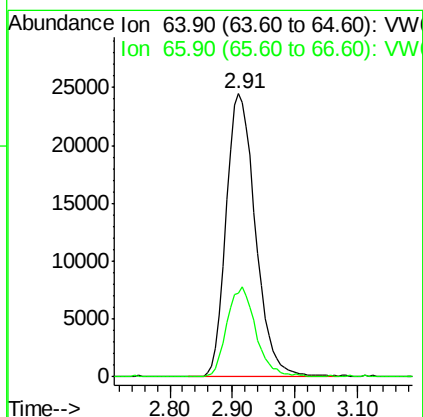
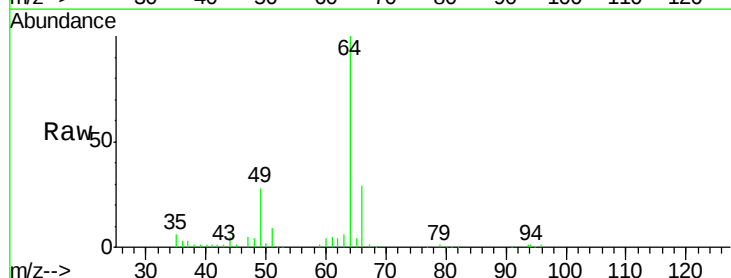
Acq: 22 Aug 2019 20:09

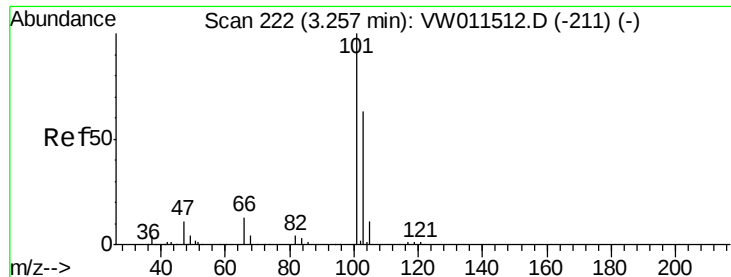
Tgt Ion: 64 Resp: 79203

Ion Ratio Lower Upper

64 100

66 29.2 24.6 36.8





#7

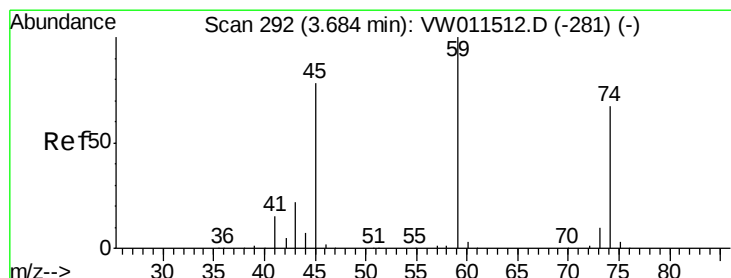
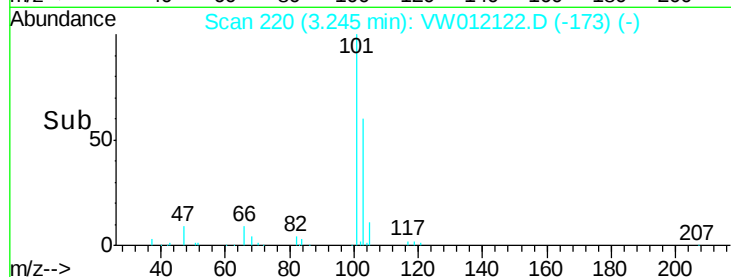
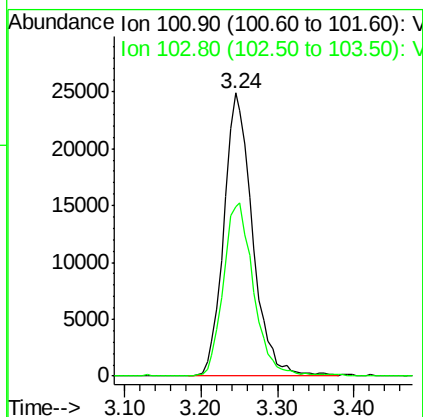
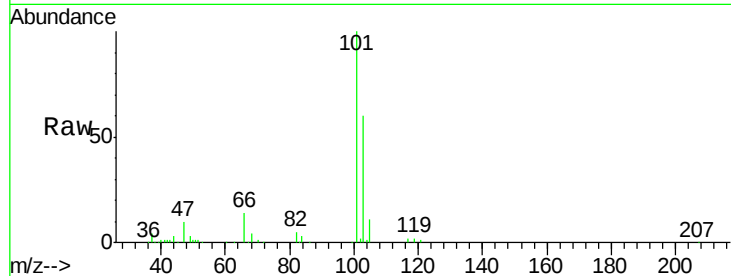
Trichlorofluoromethane
Concen: 60.792 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	50.2	75.4

Manual Integrations
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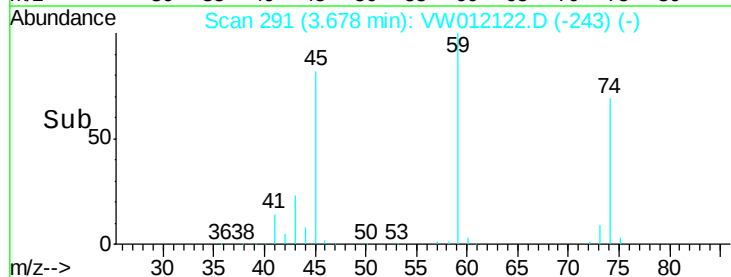
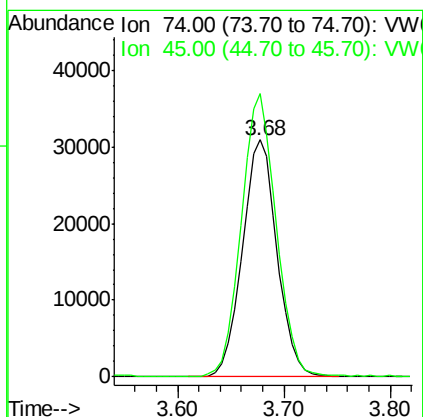
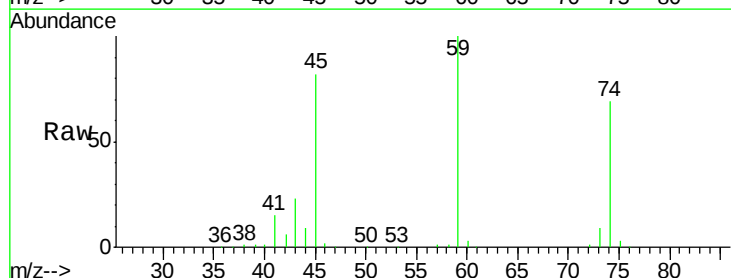
MMDadoda
8/23/2019 10:49:02 AM

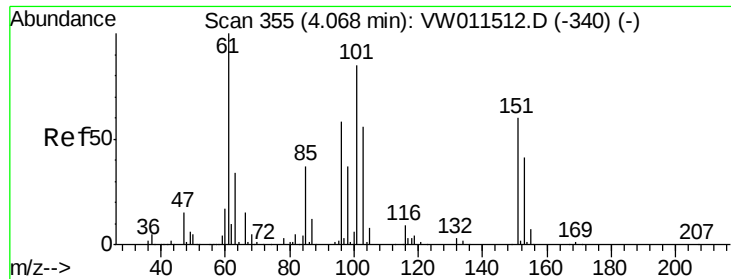


#8

Diethyl Ether
Concen: 58.662 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.8	59.6	178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 60.066 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

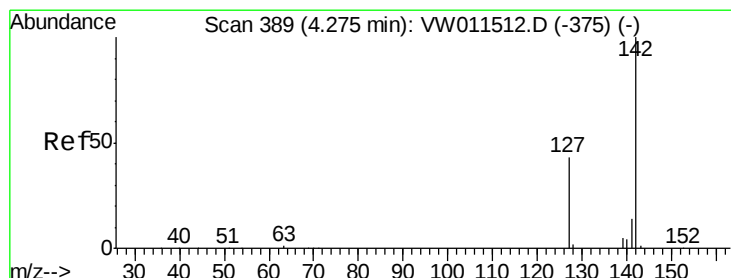
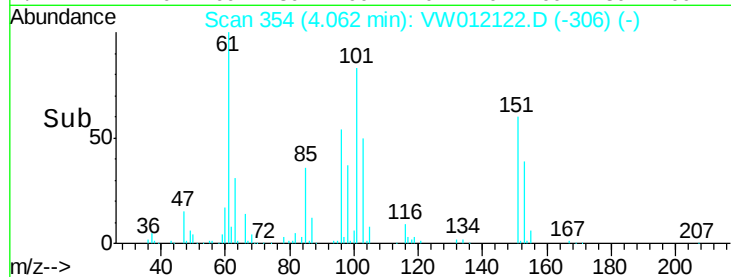
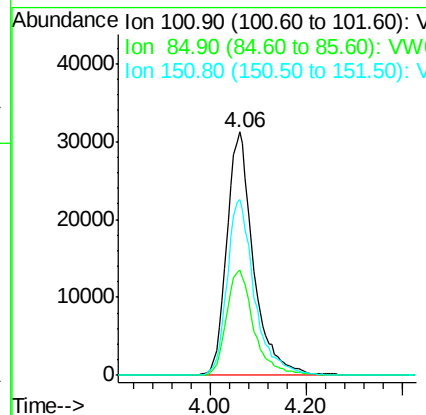
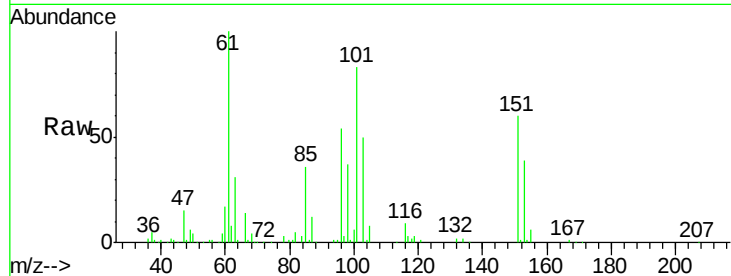
ClientSampleId :

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Tot Ion:	101	Resp:	120914
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.6	54.8
151	73.6	60.2	90.2

Manual Integrations
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#10

Methyl Iodide

Concen: 57.358 ug/l

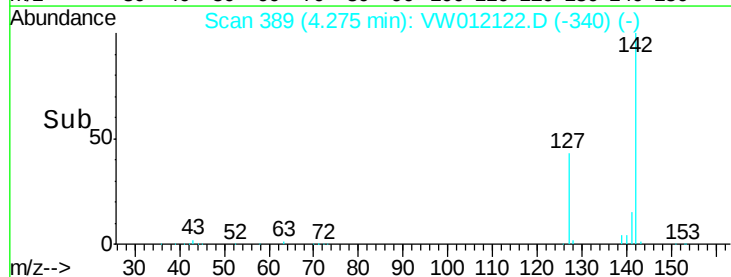
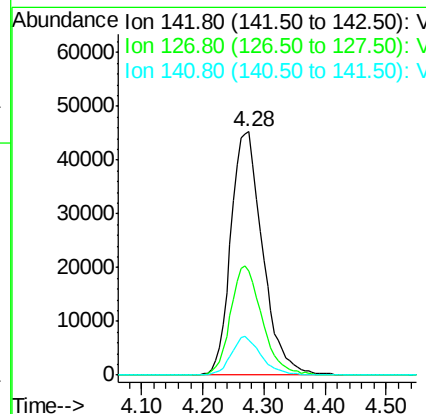
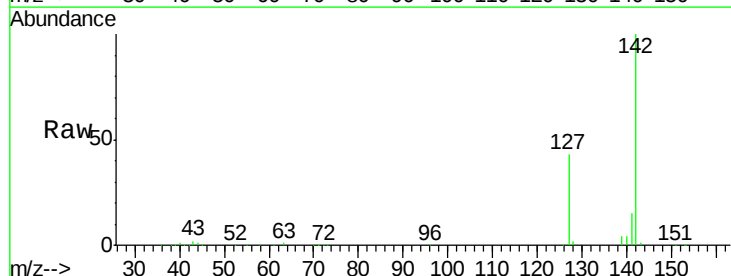
RT: 4.28 min Scan# 389

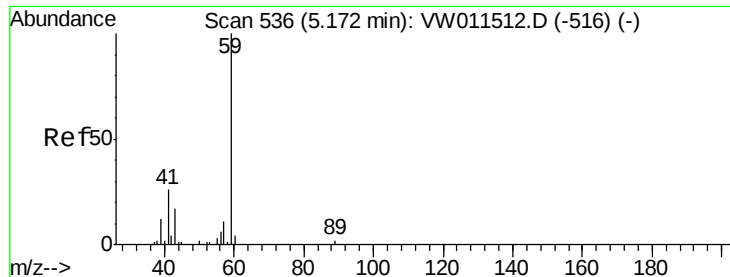
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	142	Resp:	163169
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.0	52.6
141	14.9	11.9	17.9





#11

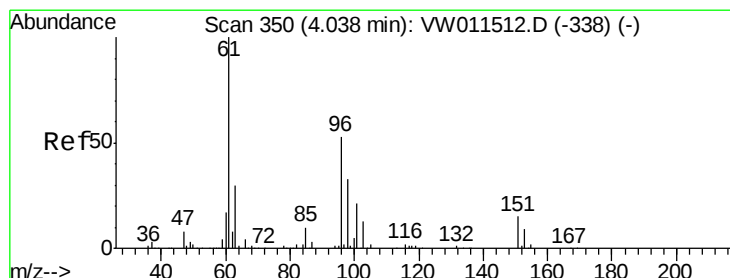
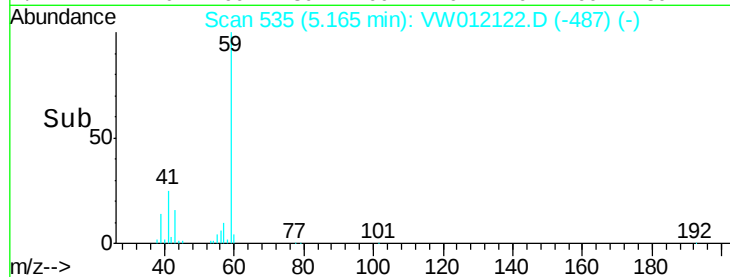
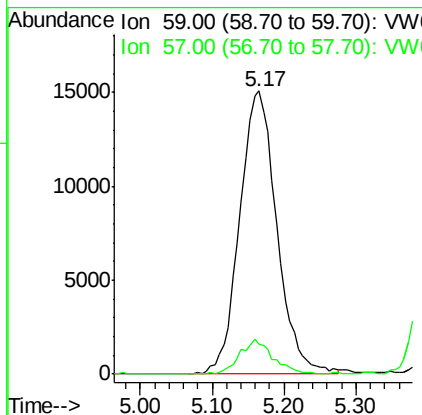
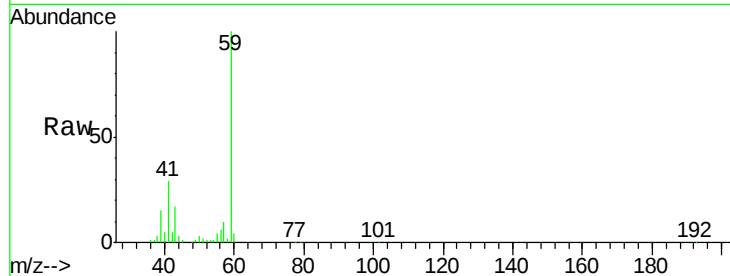
Tert butyl alcohol
 Concen: 317.939 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	54148
Ion Ratio	100	Lower	Upper
57	10.9	8.5	12.7

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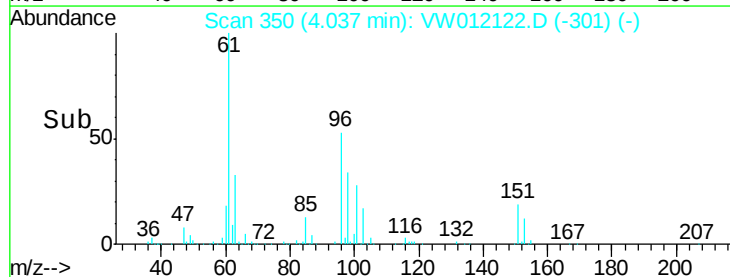
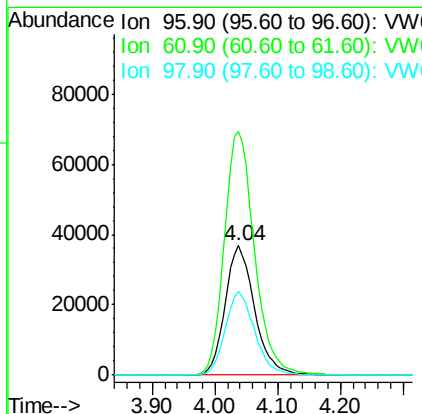
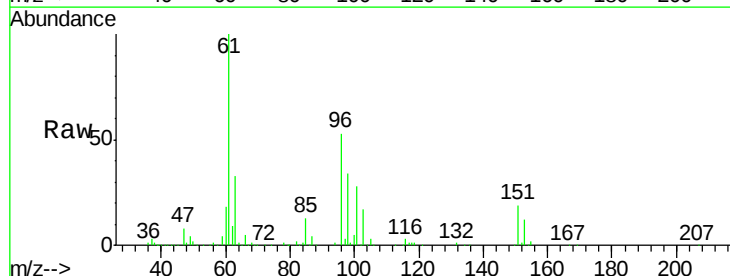
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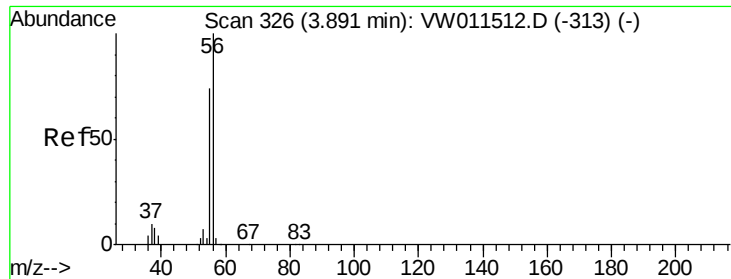


#12

1,1-Dichloroethene
 Concen: 56.556 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	96	Resp	120206
Ion Ratio	100	Lower	Upper
61	188.0	149.9	224.9
98	64.8	49.1	73.7





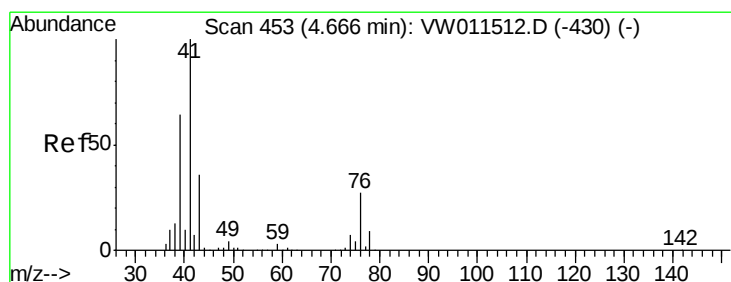
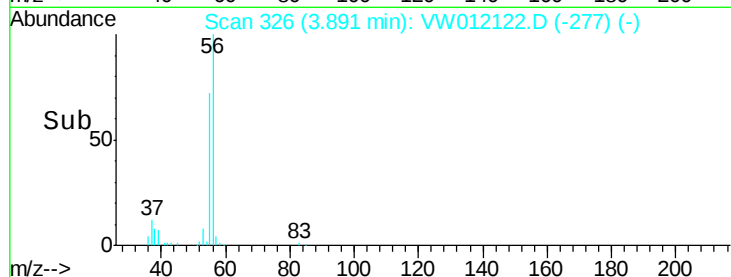
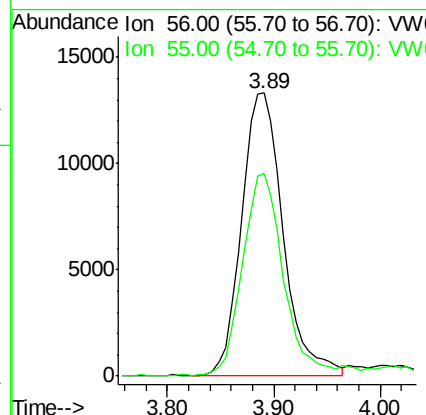
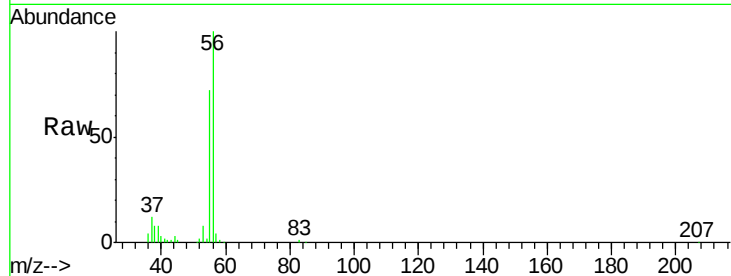
#13
Acrolein
Concen: 218.040 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.0	56.0	84.0

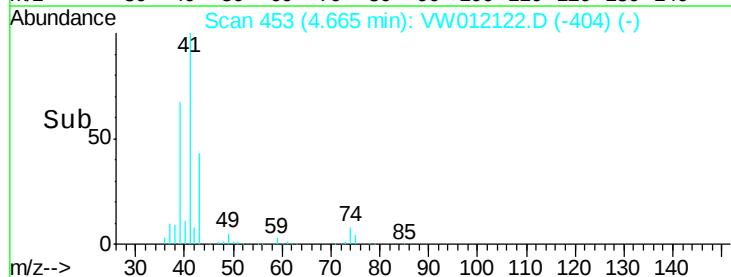
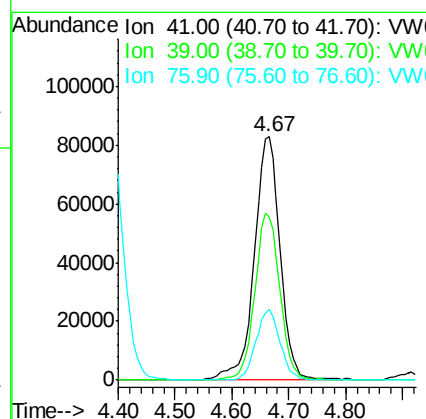
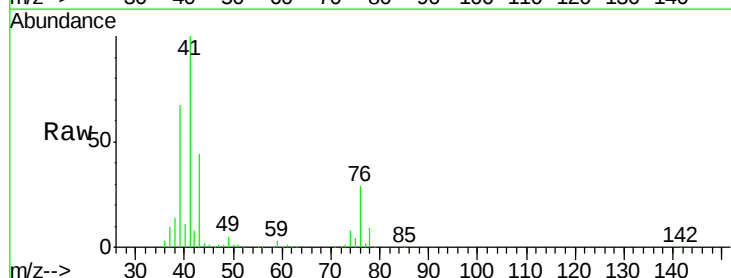
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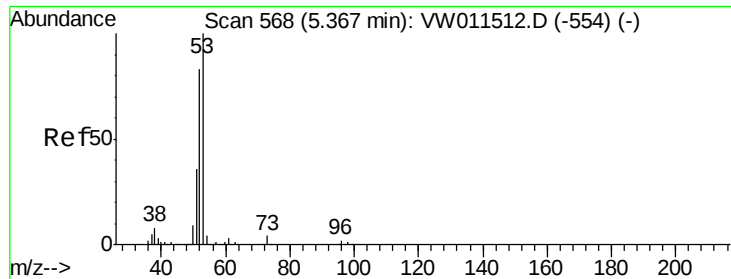
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#14
Allyl chloride
Concen: 57.477 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	66.9	52.6	78.8
76	76	27.2	22.0	33.0





#15

Acrylonitrile

Concen: 325.651 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

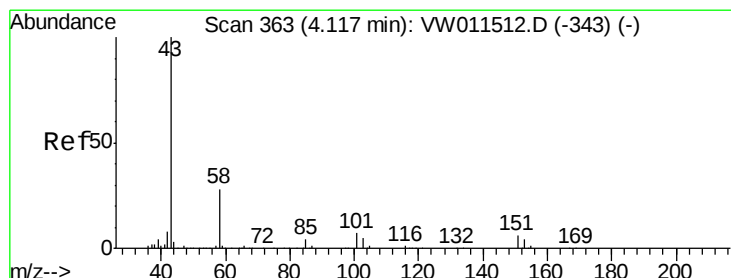
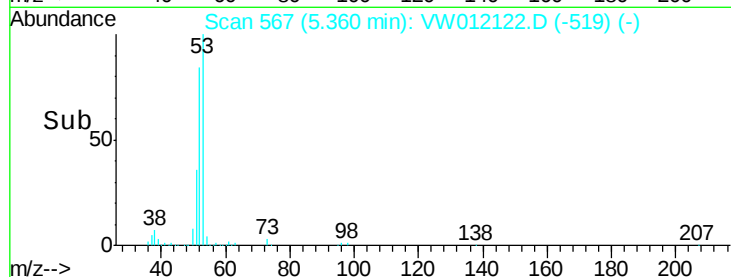
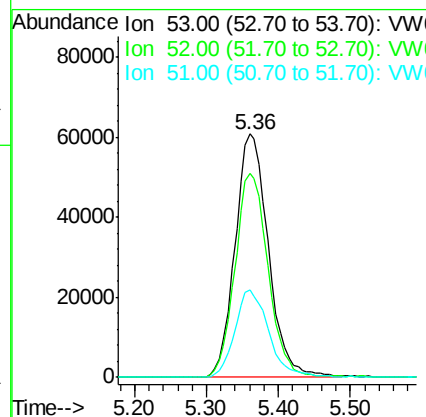
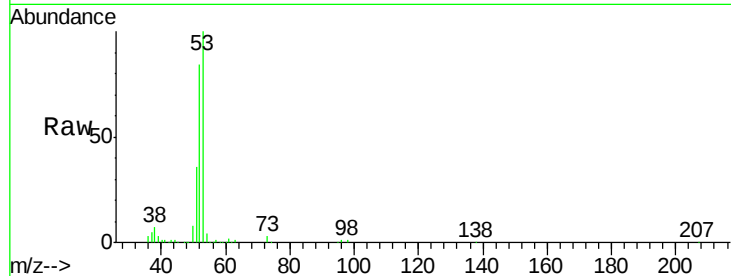
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	195588
Ion Ratio	Lower	Upper	
53	100		
52	83.4	67.2	100.8
51	36.6	30.0	45.0

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#16

Acetone

Concen: 249.442 ug/l

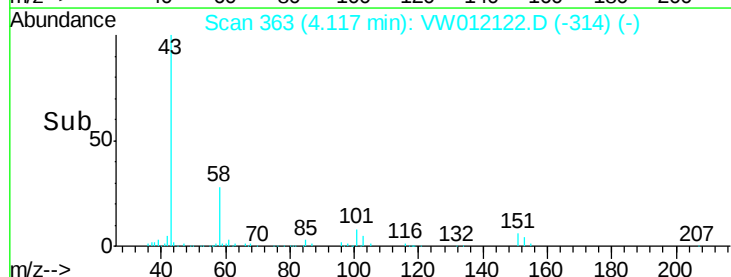
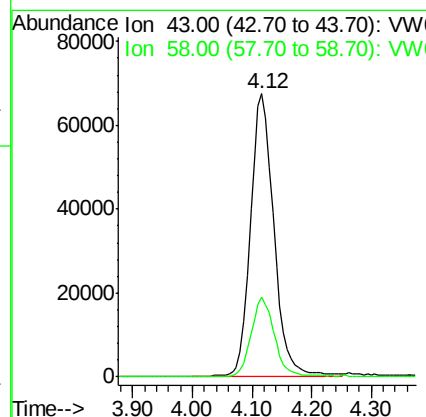
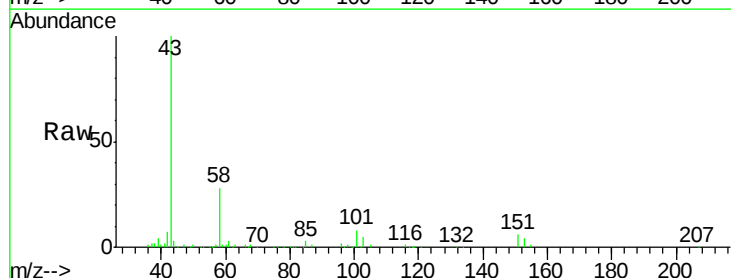
RT: 4.12 min Scan# 363

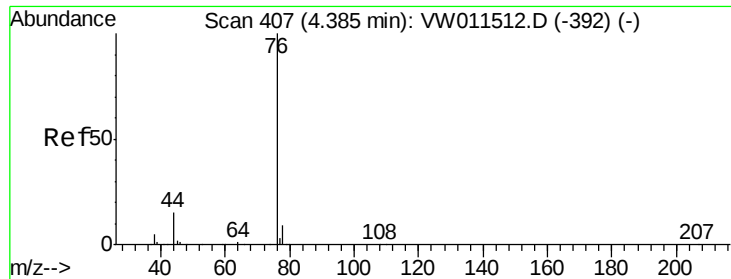
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	43	Resp:	185944
Ion Ratio	Lower	Upper	
43	100		
58	27.9	22.3	33.5





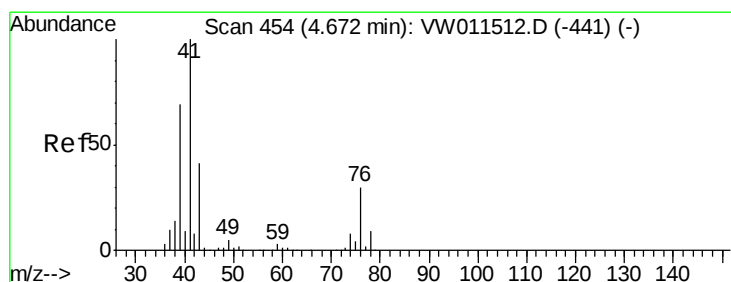
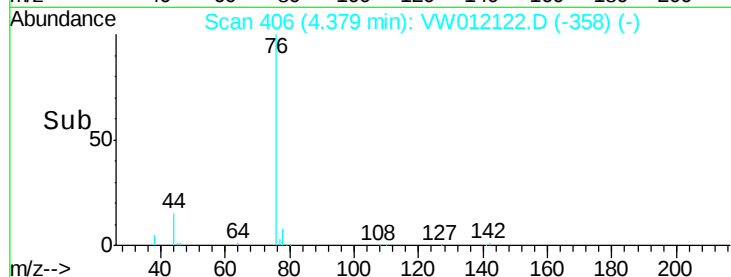
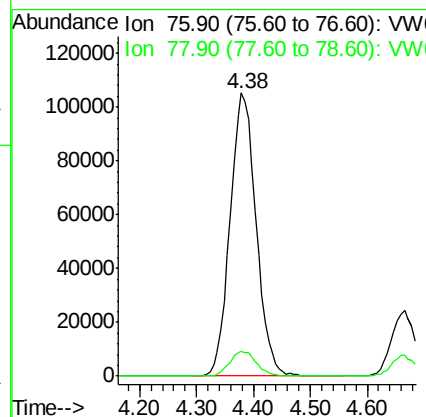
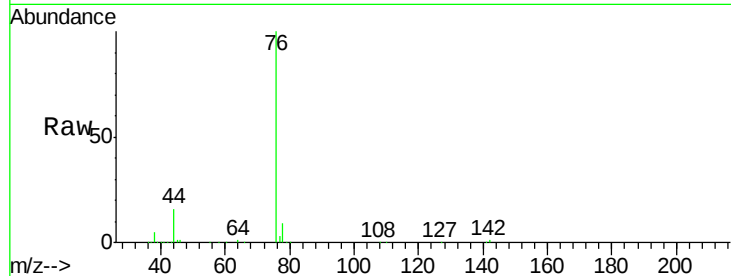
#17
Carbon Disulfide
Concen: 50.529 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

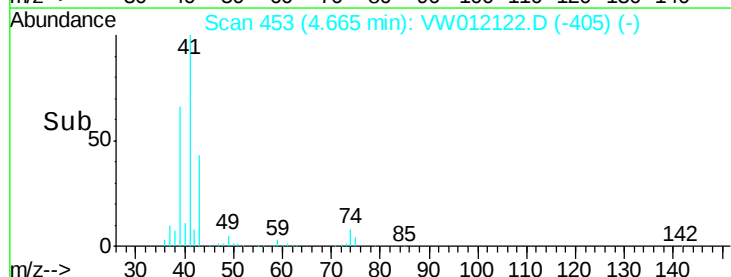
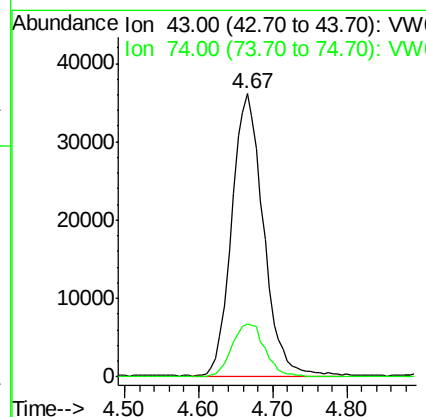
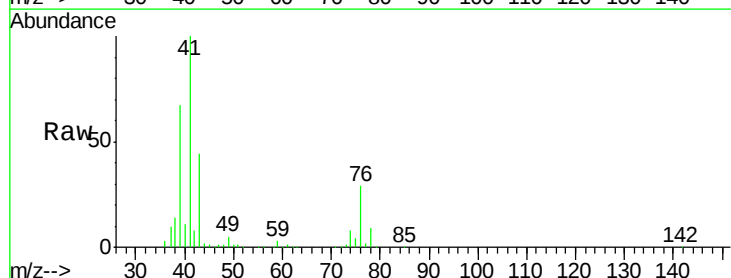
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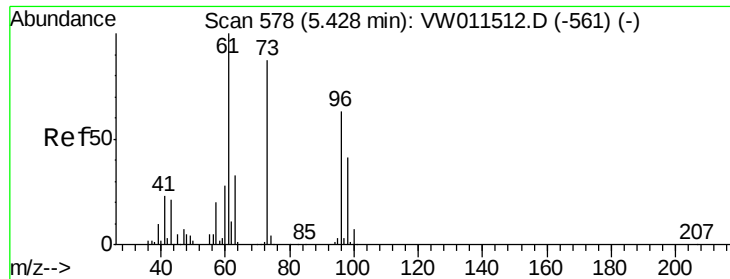
MMDadoda
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#18
Methyl Acetate
Concen: 63.964 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	15.9	23.9





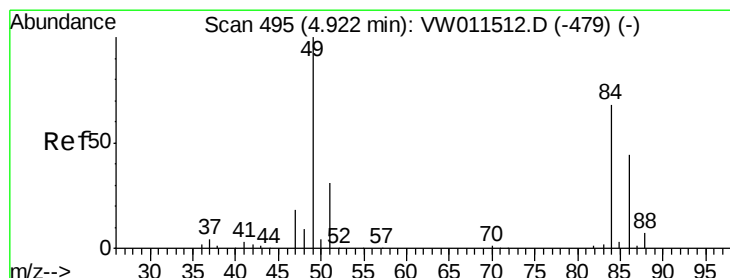
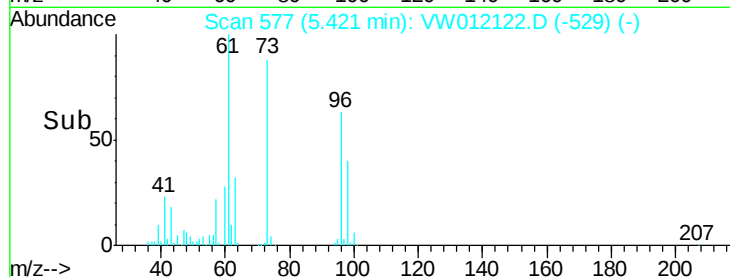
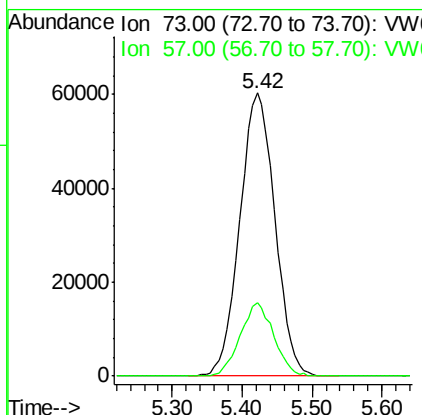
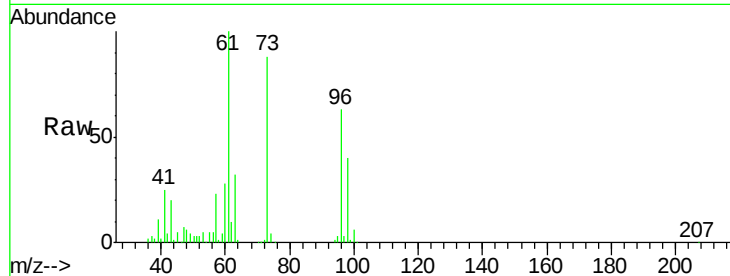
#19
Methvl tert-butvl Ether
Concen: 62.415 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	26.1	18.4	27.6

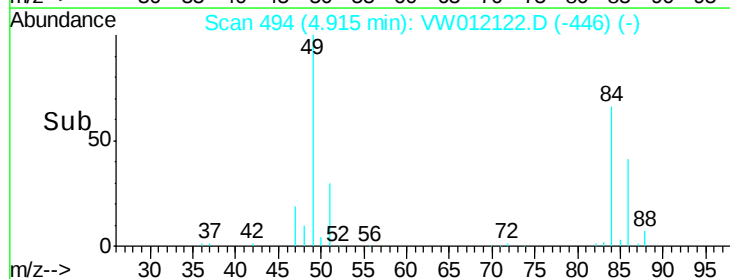
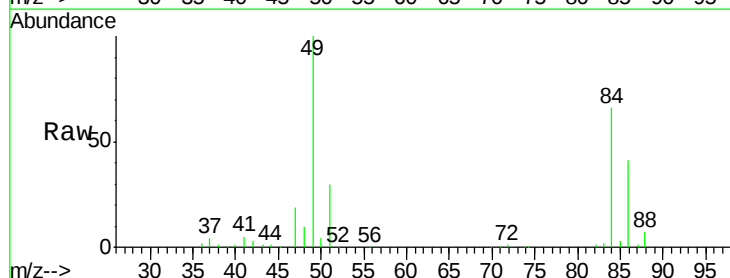
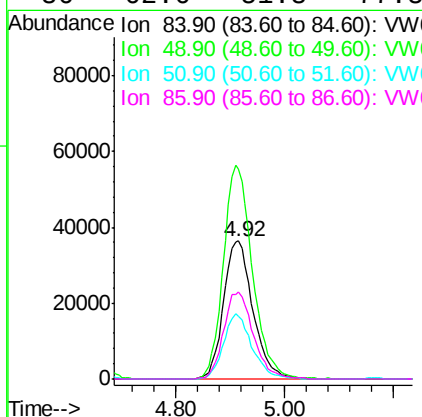
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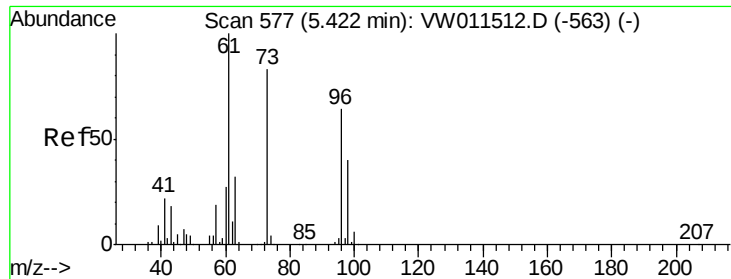
MMDadoda
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#20
Methylene Chloride
Concen: 53.050 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	152.1	117.8	176.6
51	45.3	37.0	55.4
86	62.6	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 56.351 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

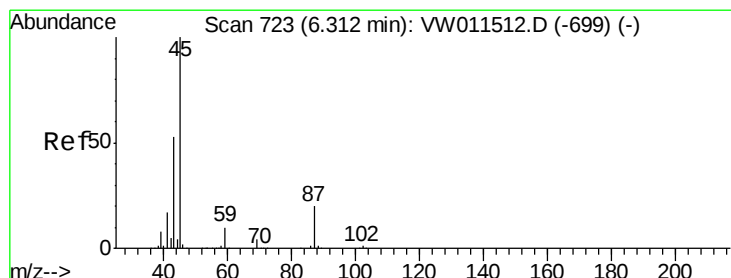
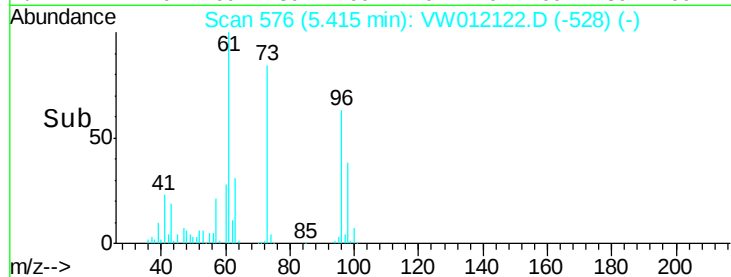
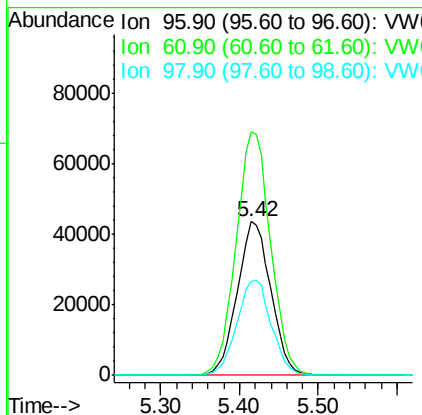
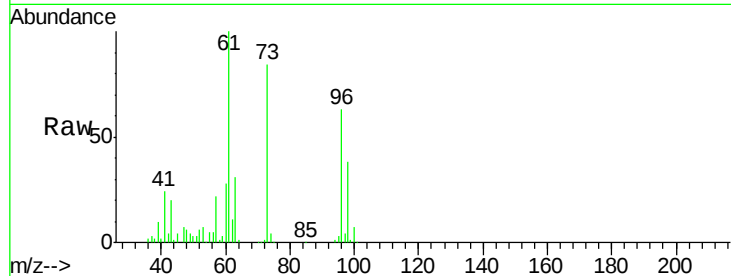
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	129125
Ion	Ratio	Lower	Upper
96	100		
61	158.6	125.7	188.5
98	60.9	50.3	75.5

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#22

Diisopropyl ether

Concen: 59.754 ug/l

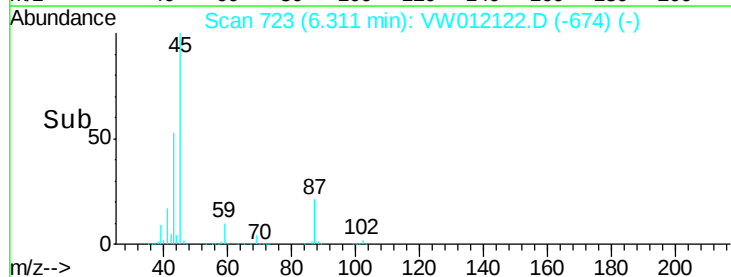
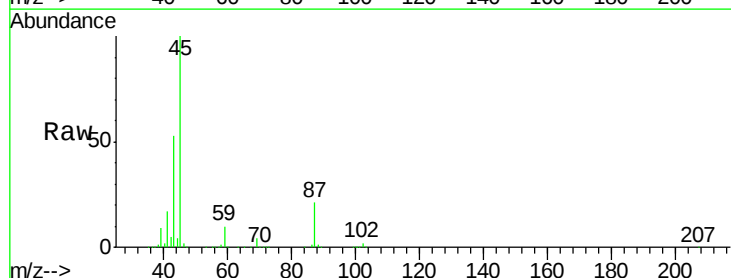
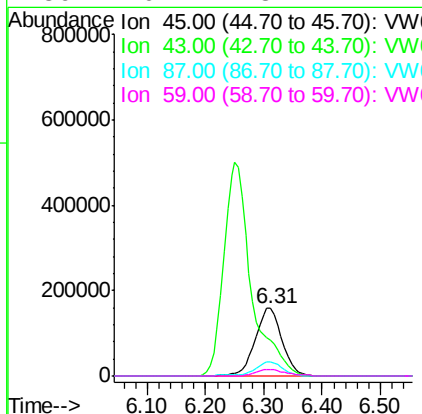
RT: 6.31 min Scan# 723

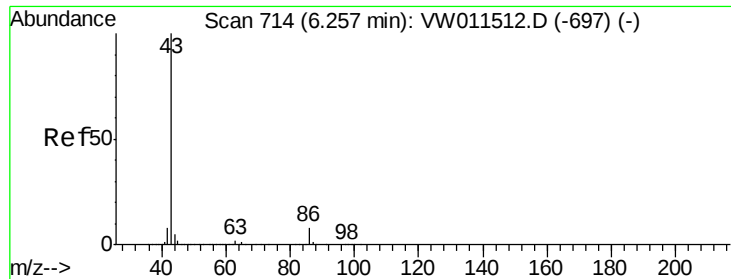
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	45	Resp:	509280
Ion	Ratio	Lower	Upper
45	100		
43	53.1	42.6	63.8
87	20.8	16.4	24.6
59	10.2	8.2	12.2





#23

Vinyl Acetate

Concen: 306.233 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1640011

Ion Ratio Lower Upper

43 100

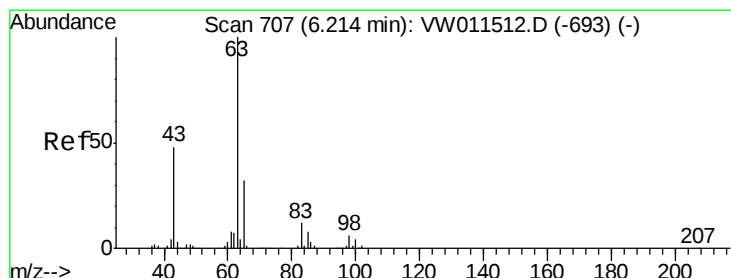
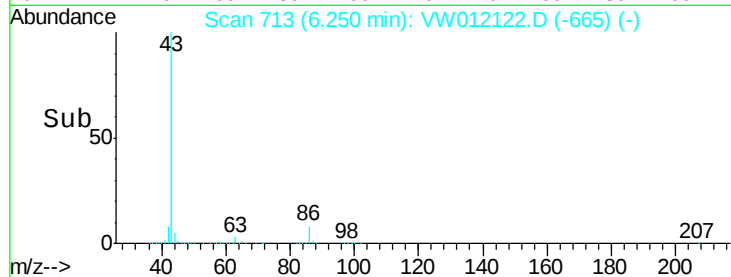
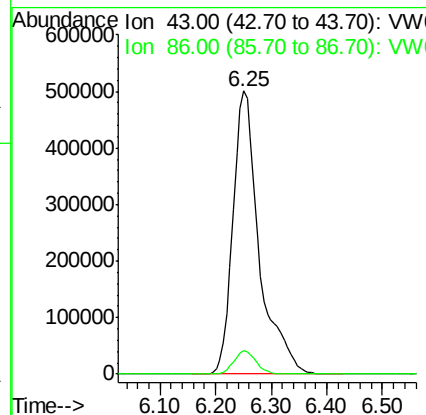
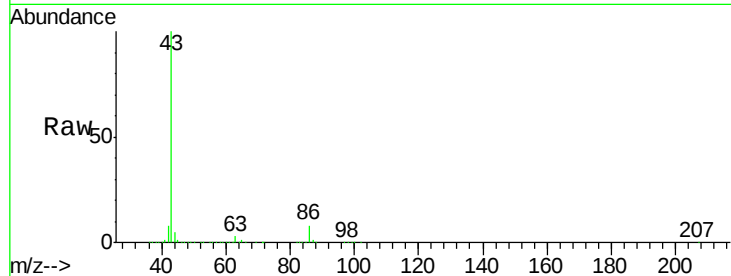
86 8.1 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 58.296 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

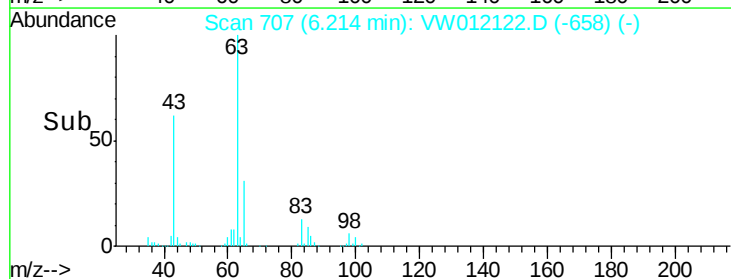
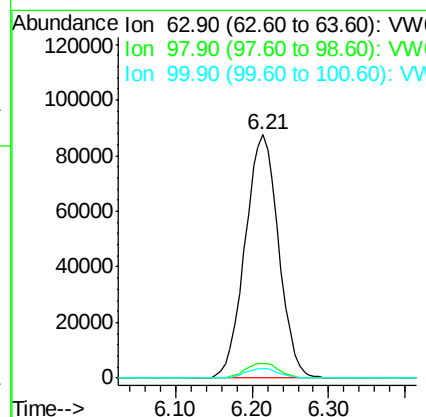
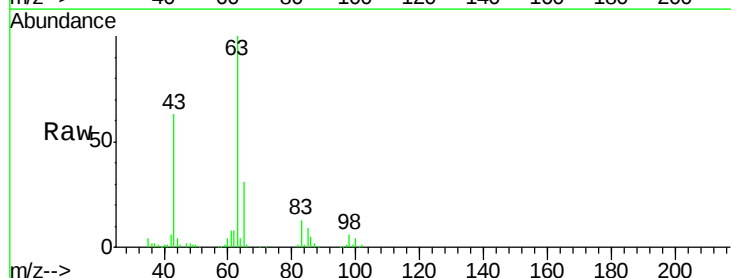
Tgt Ion: 63 Resp: 266100

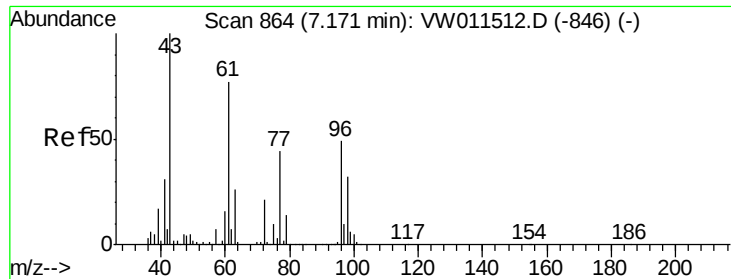
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.6 2.1 6.3





#25

2-Butanone

Concen: 289.034 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 281932

Ion Ratio Lower Upper

43 100

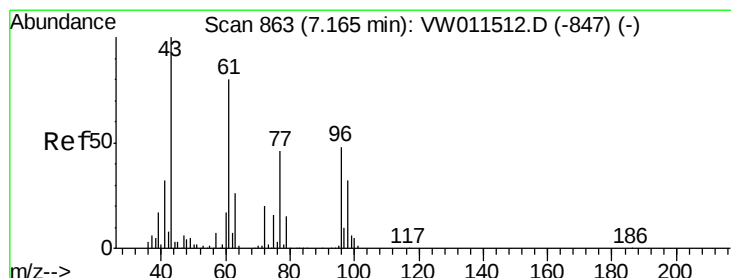
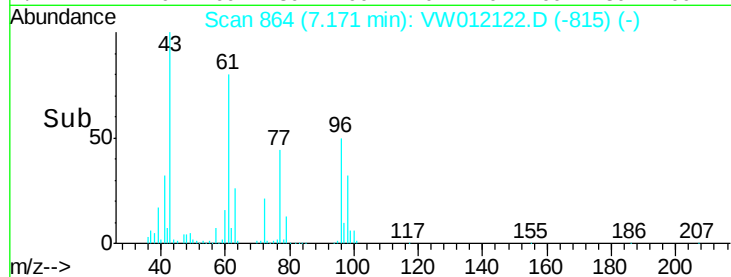
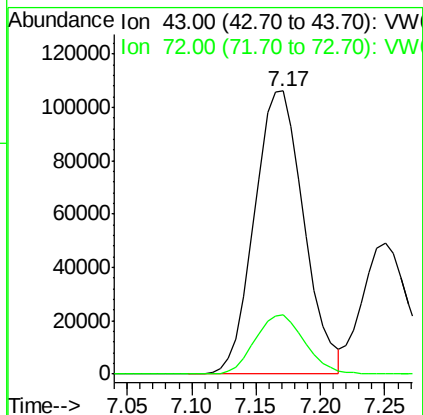
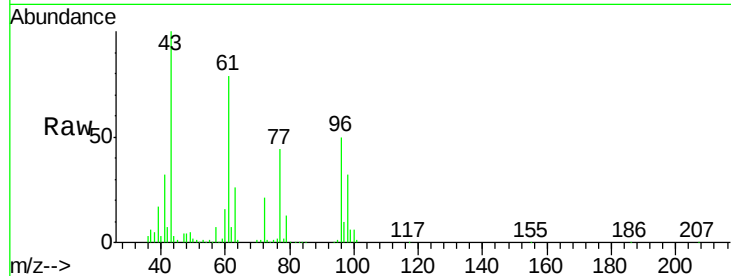
72 21.0 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 50.201 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012122.D

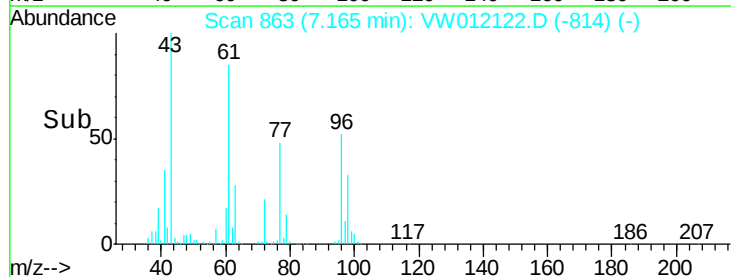
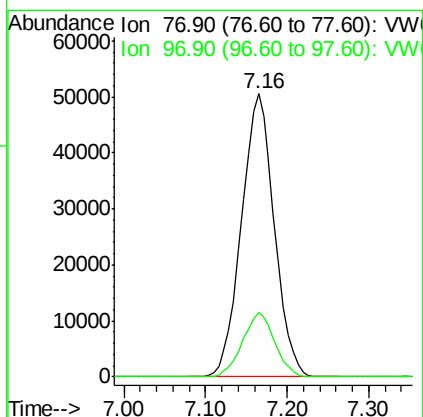
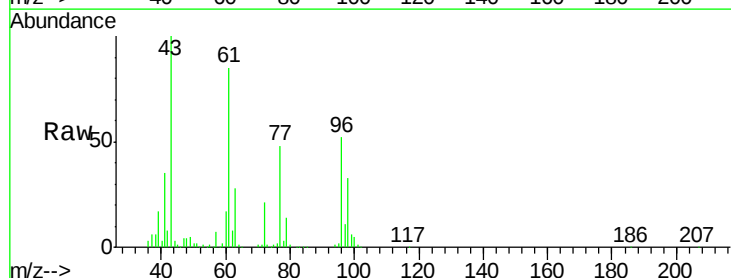
Acq: 22 Aug 2019 20:09

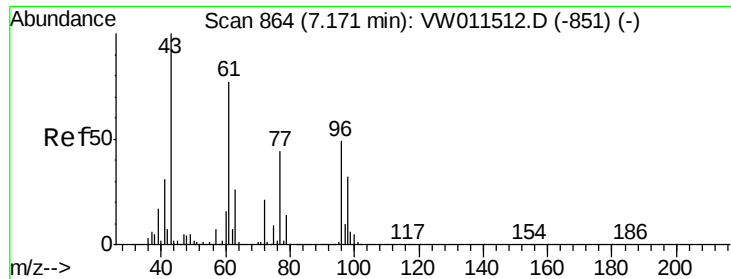
Tgt Ion: 77 Resp: 140923

Ion Ratio Lower Upper

77 100

97 22.4 10.8 32.4





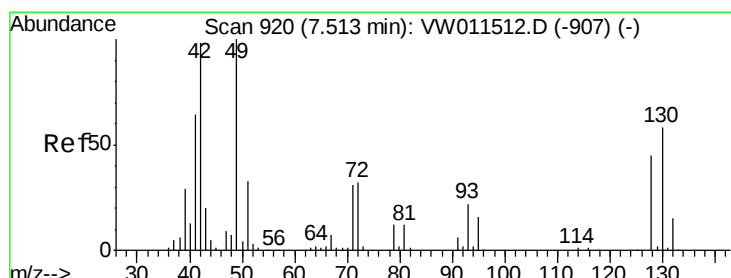
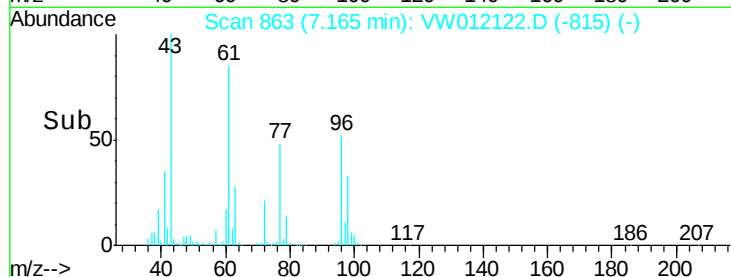
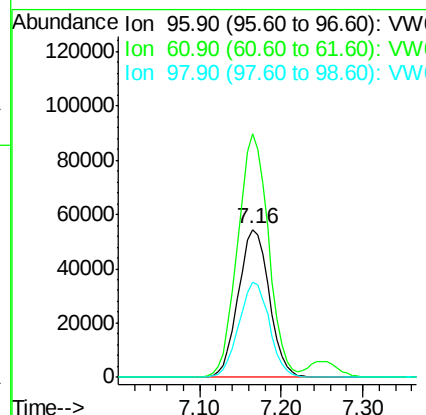
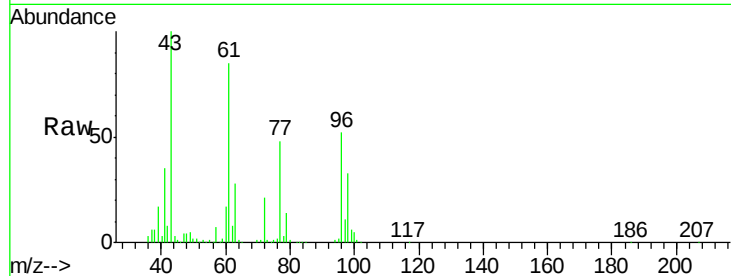
#27
 cis-1,2-Dichloroethene
 Concen: 57.028 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	163.2	0.0	328.4	
98	63.3	0.0	128.8	

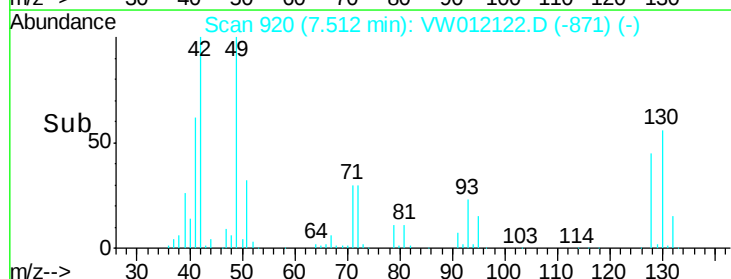
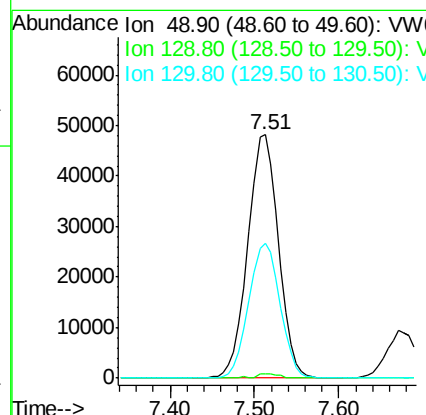
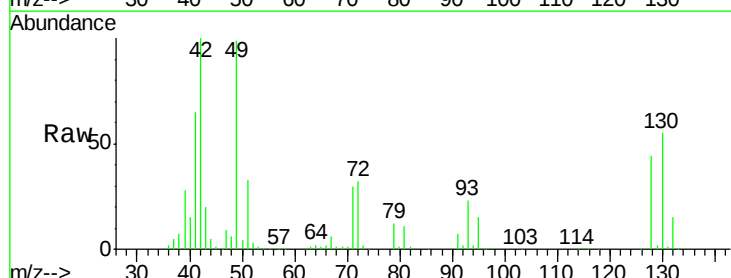
Manual Integrations
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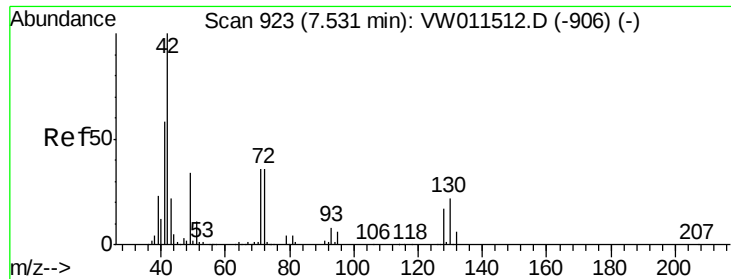
MMDadoda
 8/23/2019 10:49:02 AM



#28
 Bromochloromethane
 Concen: 58.607 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.0	0.0	1.0#	
130	56.6	46.3	69.5	





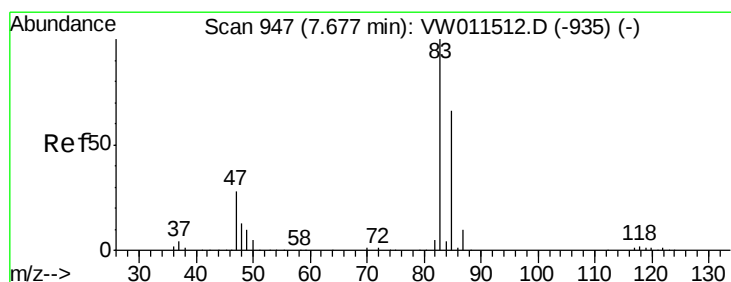
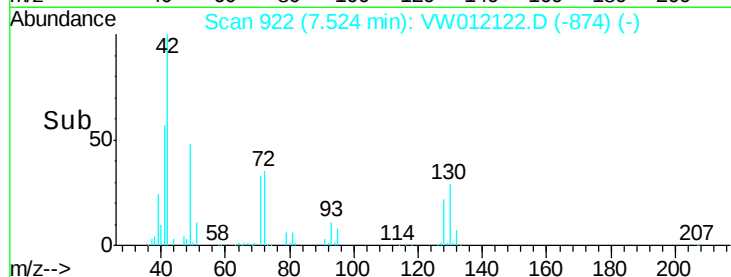
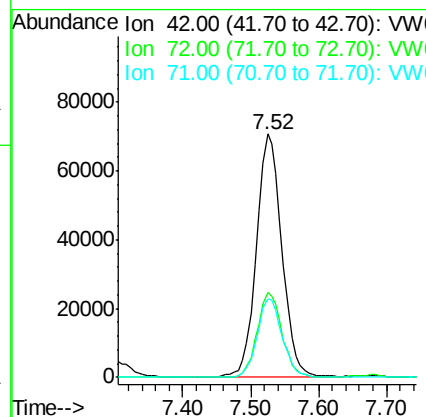
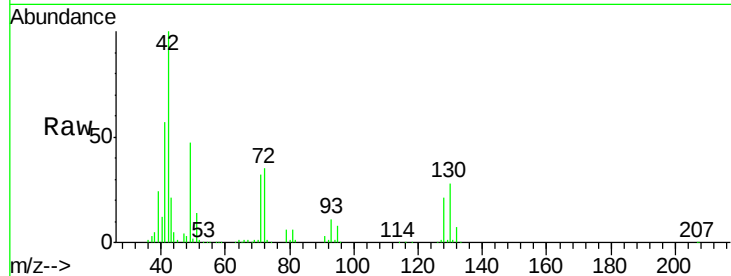
#29
Tetrahydrofuran
Concen: 331.189 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.1	40.7
71	32.0	26.2	39.4

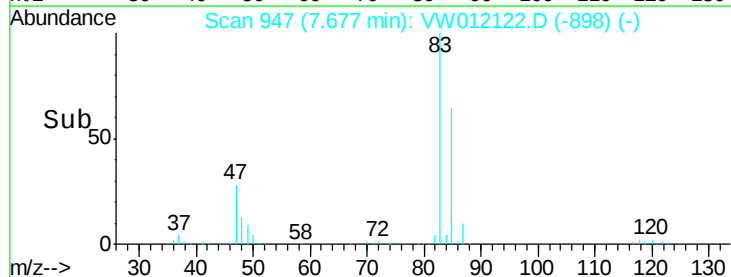
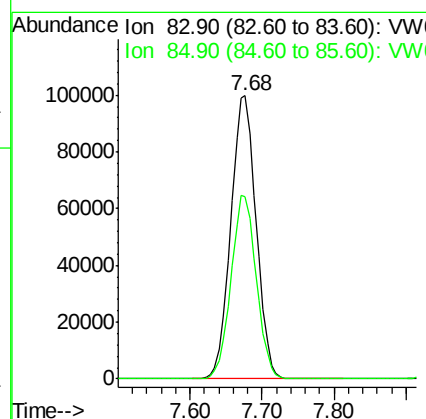
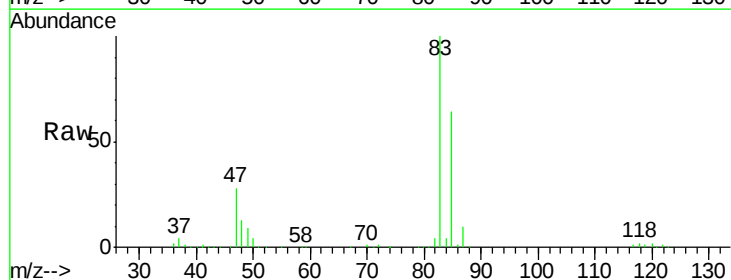
Manual Integrations
APPROVED

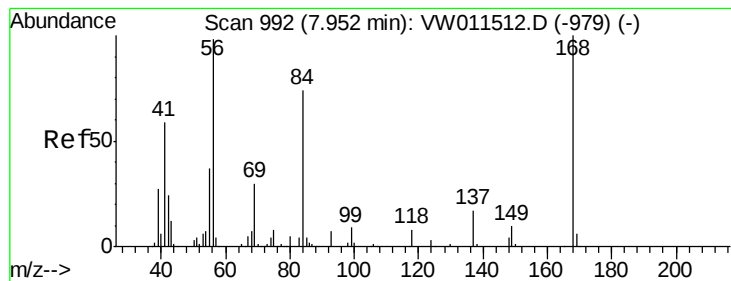
MMDadoda
8/23/2019 10:49:02 AM



#30
Chloroform
Concen: 57.921 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7





#31

Cyclohexane

Concen: 54.608 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

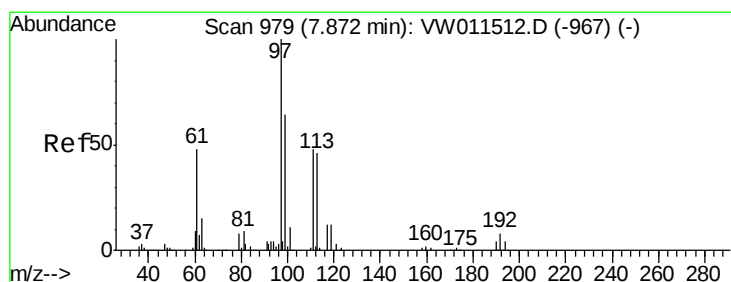
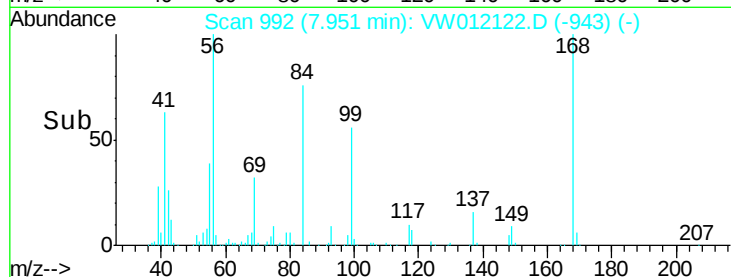
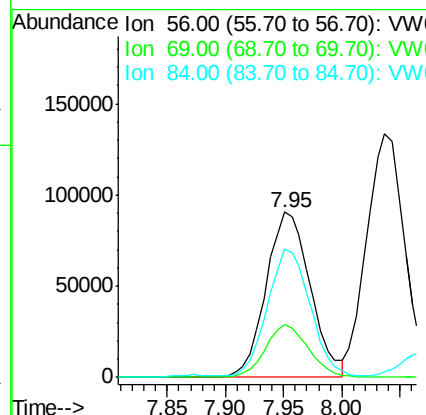
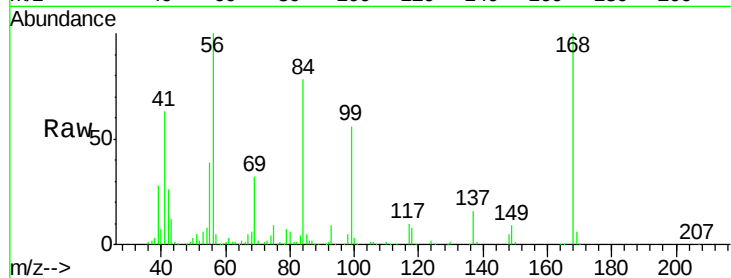
ClientSampleID :

VSTDCCC050EC

Tot Ion:	56	Resp:	239274
Ion Ratio	Lower	Upper	
56	100		
69	32.0	24.3	36.5
84	76.0	60.4	90.6

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#32

1,1,1-Trichloroethane

Concen: 59.475 ug/l

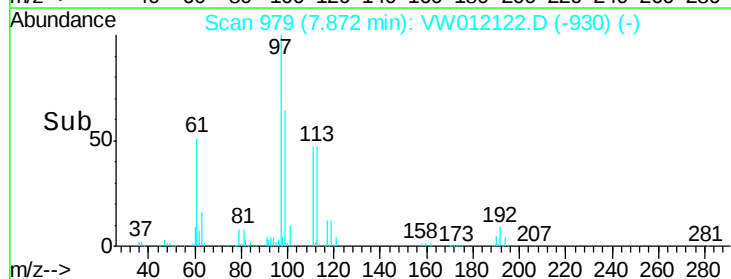
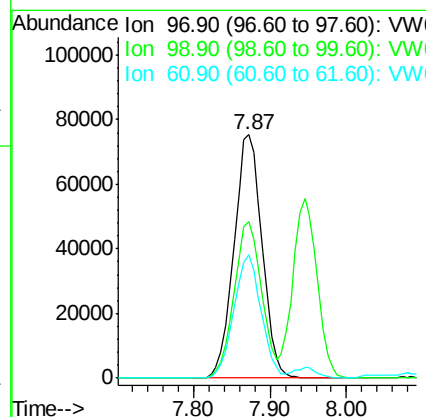
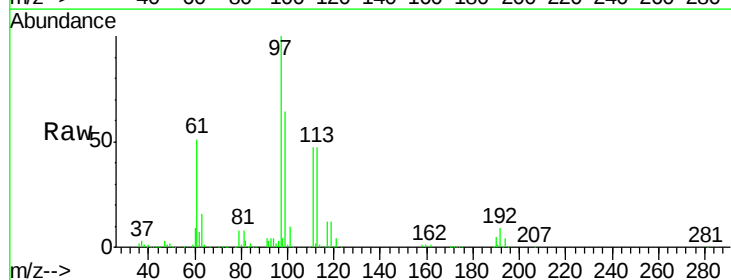
RT: 7.87 min Scan# 979

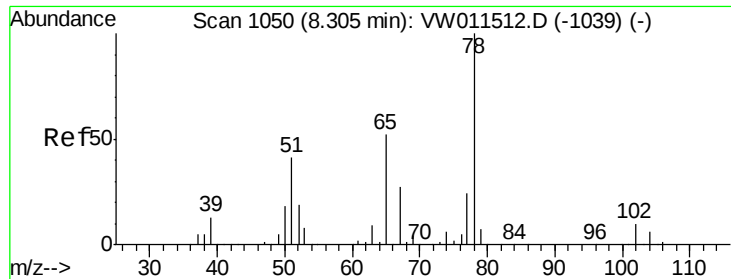
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	97	Resp:	190741
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.0	76.6
61	49.3	39.8	59.6





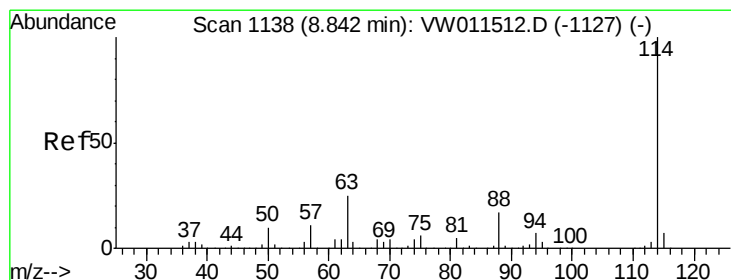
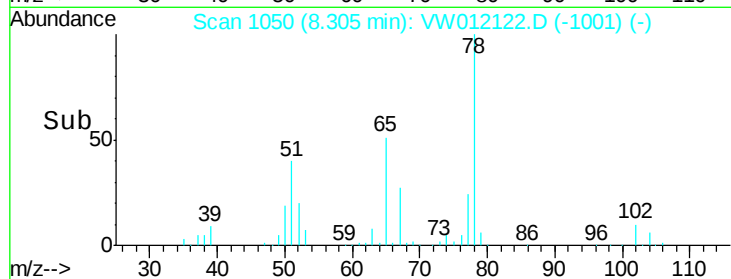
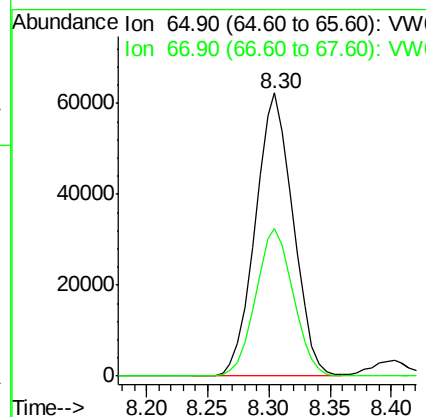
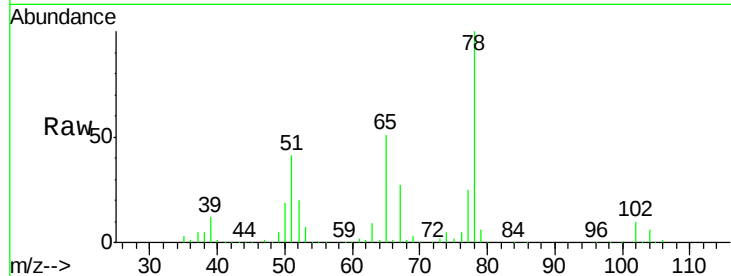
#33
 1,2-Dichloroethane-d4
 Concen: 57.146 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133918		
67	51.9	0.0	105.2	

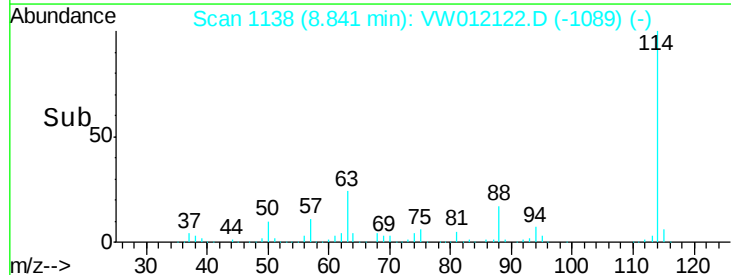
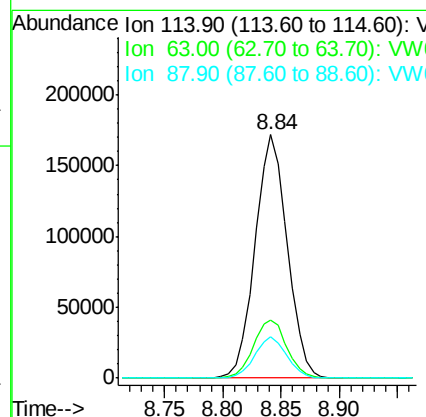
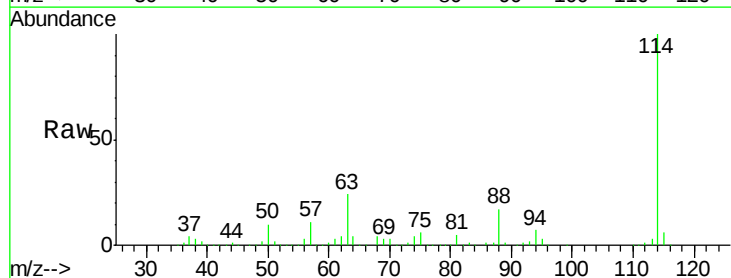
Manual Integrations
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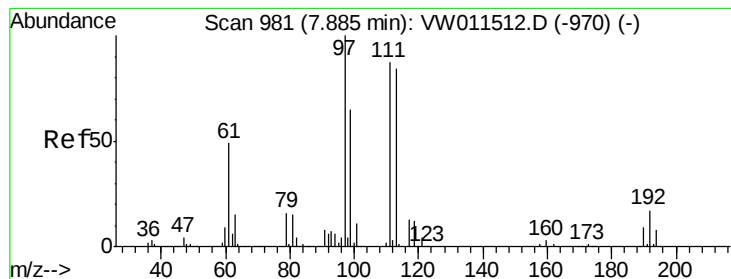
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	330170		
63	24.0	0.0	49.2	
88	16.8	0.0	33.8	





#35

Dibromofluoromethane

Concen: 57.844 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

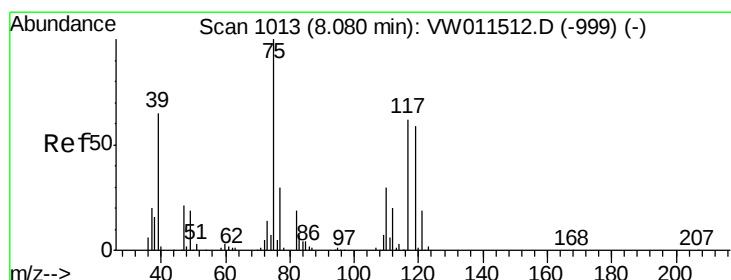
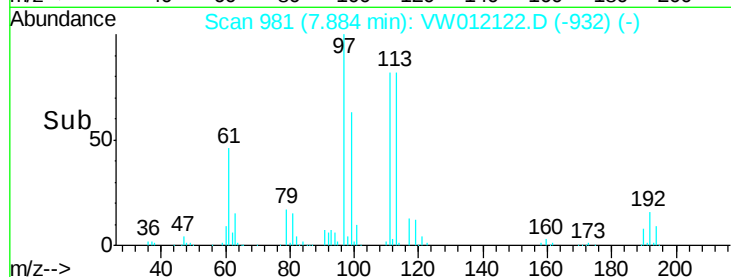
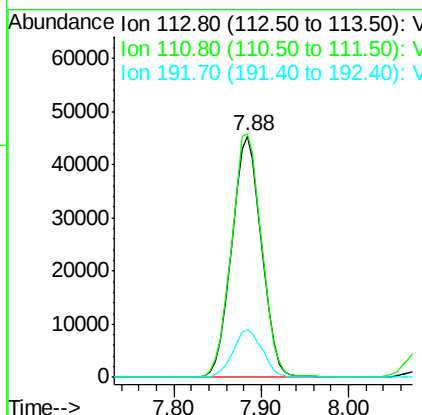
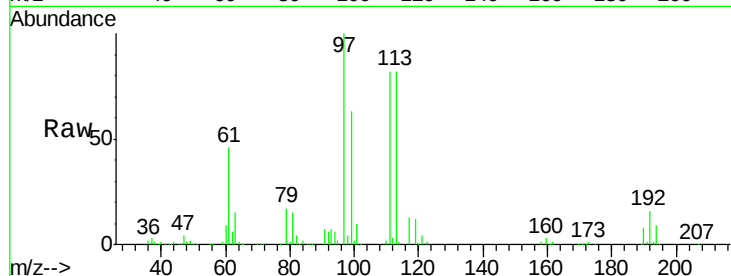
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	107146
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	19.8	16.1	24.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 57.867 ug/l

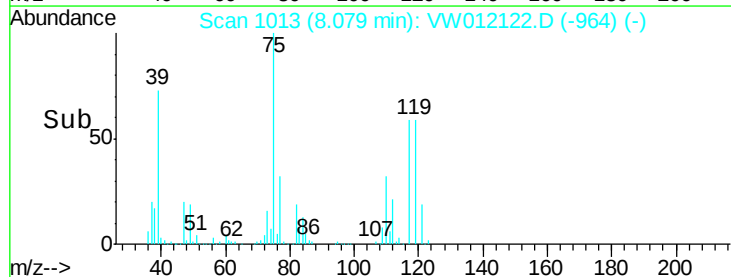
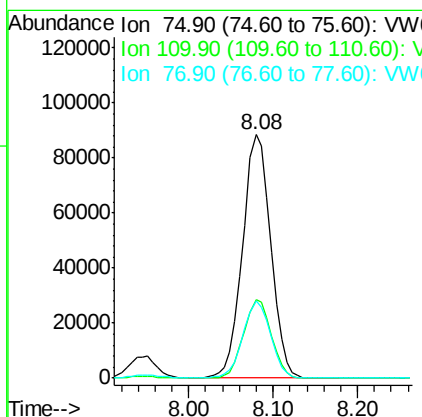
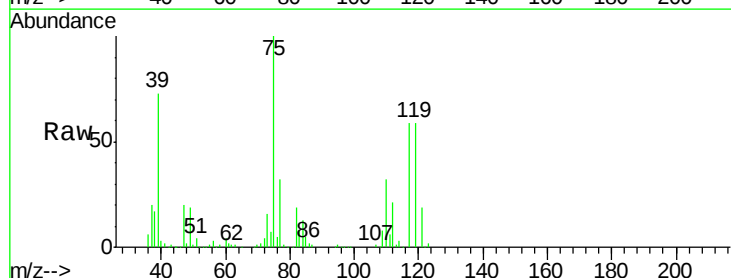
RT: 8.08 min Scan# 1013

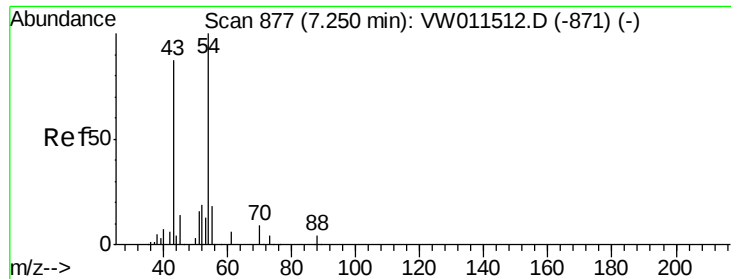
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	75	Resp:	198668
Ion	Ratio	Lower	Upper
75	100		
110	31.8	15.6	46.8
77	31.3	24.3	36.5





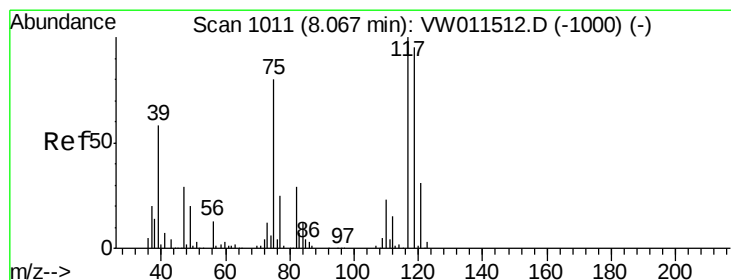
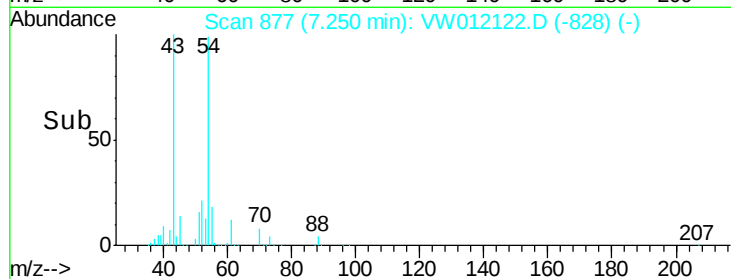
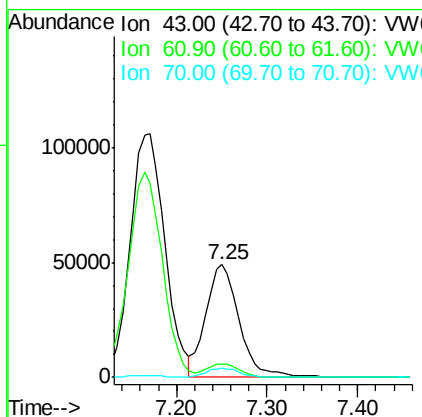
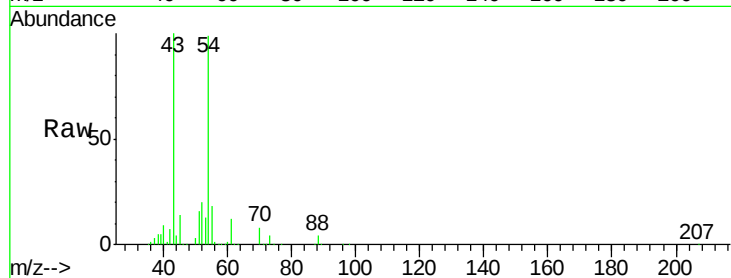
#37
Ethyl Acetate
Concen: 63.147 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100	124727		
61	12.1		8.8	13.2
70	8.4		7.1	10.7

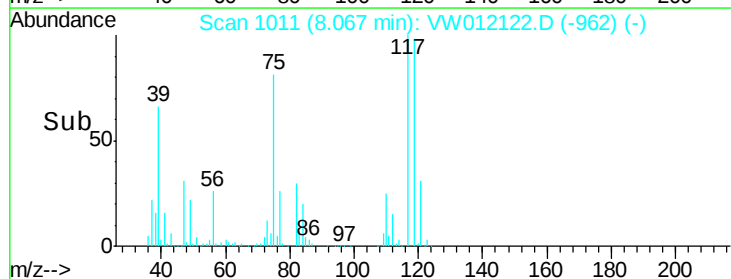
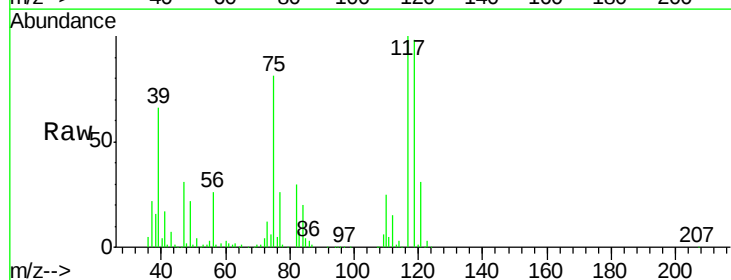
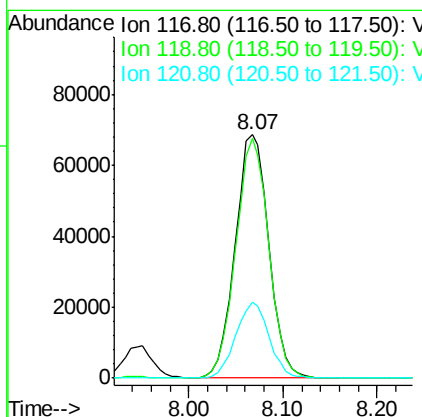
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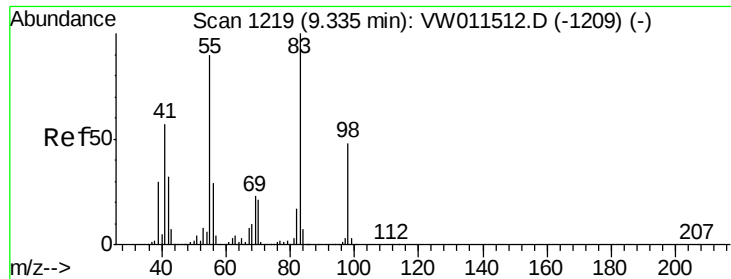
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#38
Carbon Tetrachloride
Concen: 58.104 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	170768		
119	98.4		75.8	113.6
121	31.4		24.7	37.1





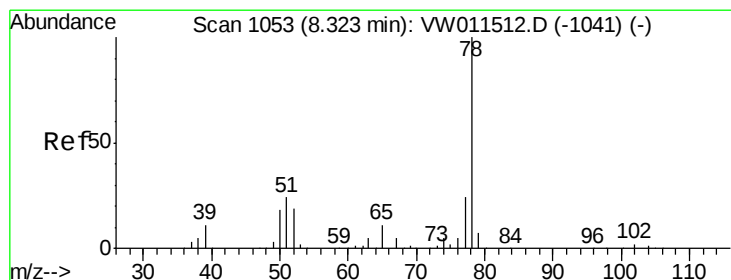
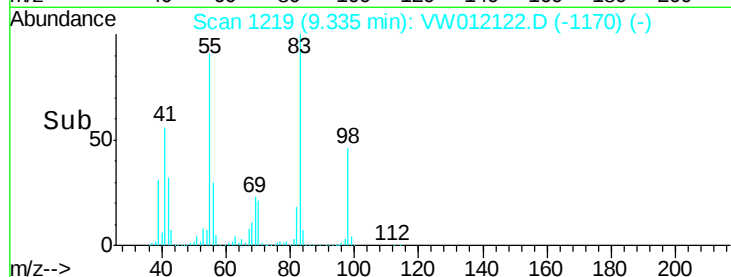
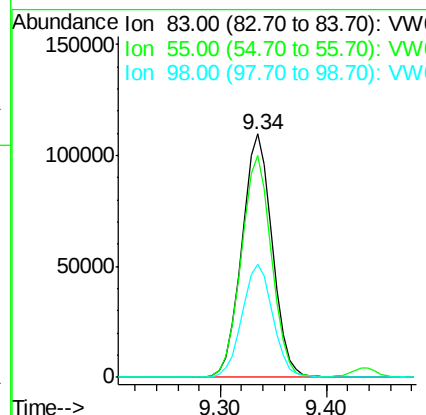
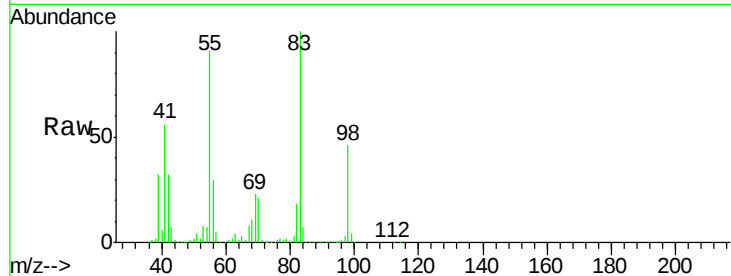
#39
Methvlcvclohexane
Concen: 58.435 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.0	72.1	108.1
98	46.5	38.6	57.8

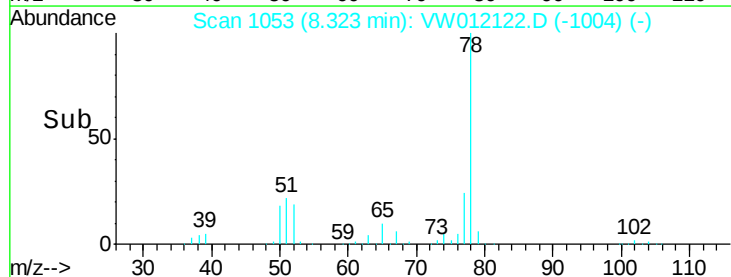
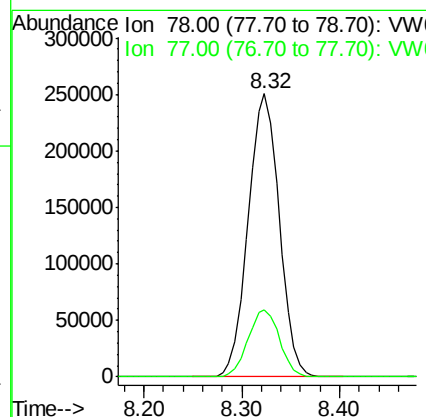
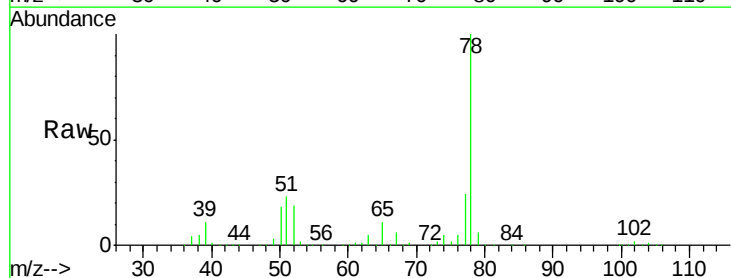
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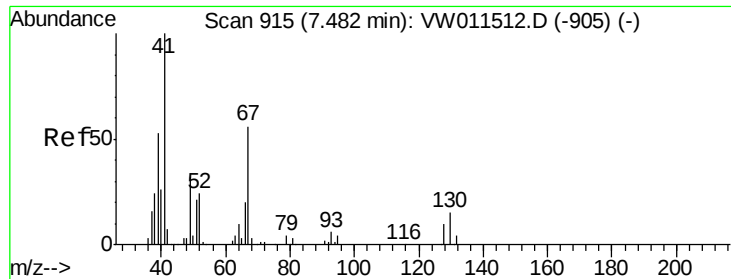
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#40
Benzene
Concen: 57.742 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





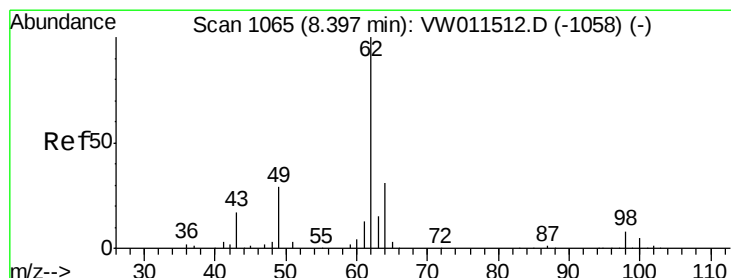
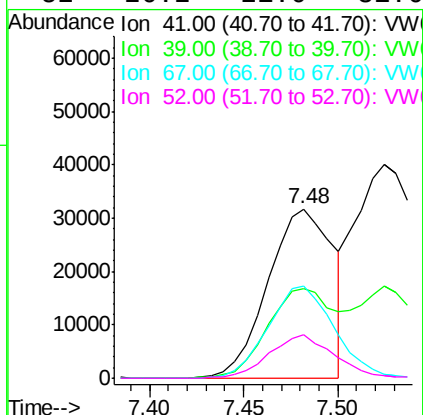
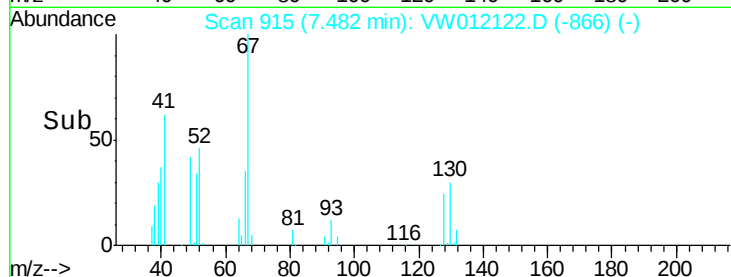
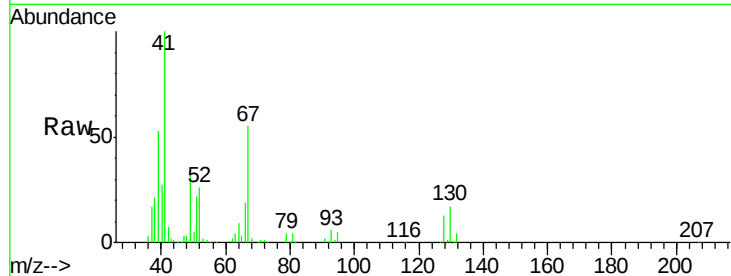
#41
Methacrylonitrile
Concen: 64.169 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	43.0	64.4	
67	56.4	47.5	71.3	
52	26.2	21.0	31.6	

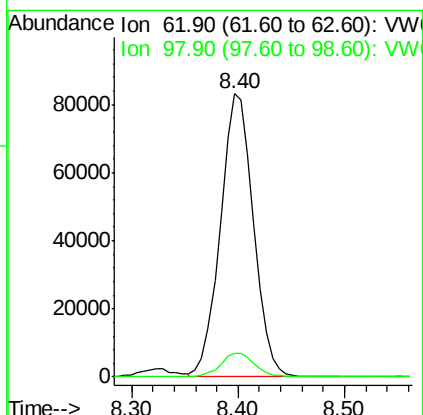
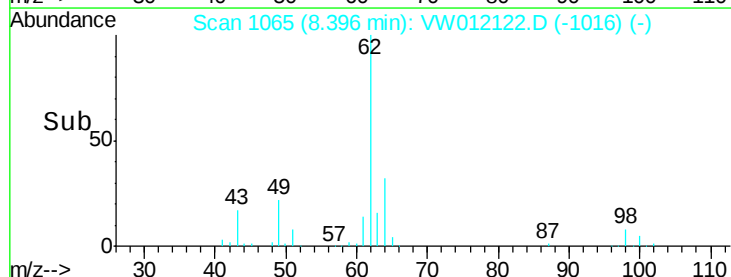
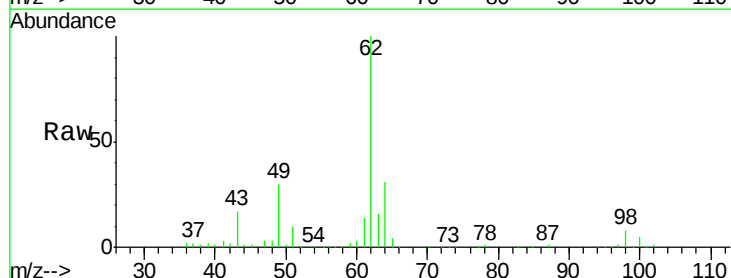
Manual Integrations
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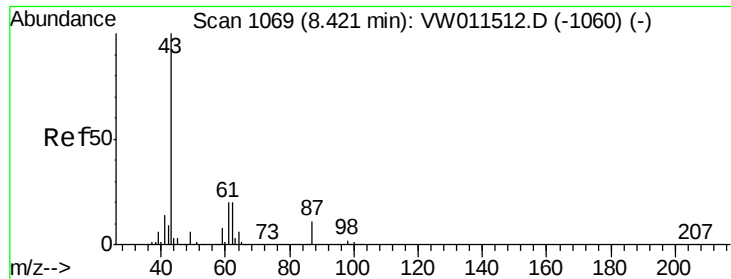
MMDadoda
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#42
1,2-Dichloroethane
Concen: 59.833 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.8	





#43

Isopropyl Acetate

Concen: 63.945 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

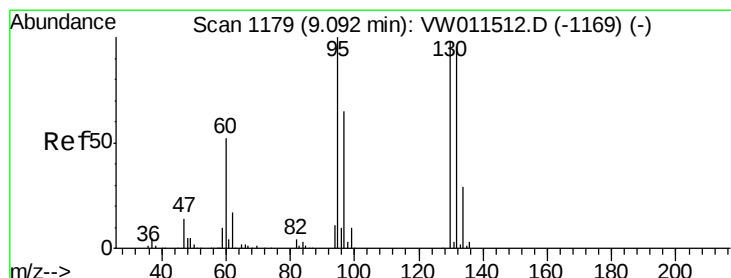
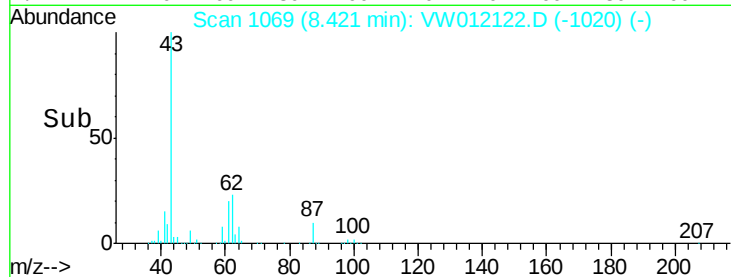
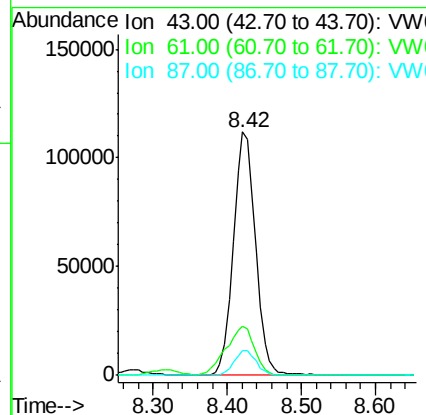
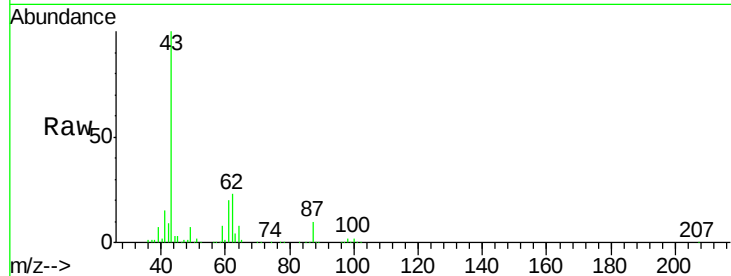
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	232284
Ion	Ratio	Lower	Upper
43	100		
61	25.7	21.5	32.3
87	10.3	8.4	12.6

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#44

Trichloroethene

Concen: 57.610 ug/l

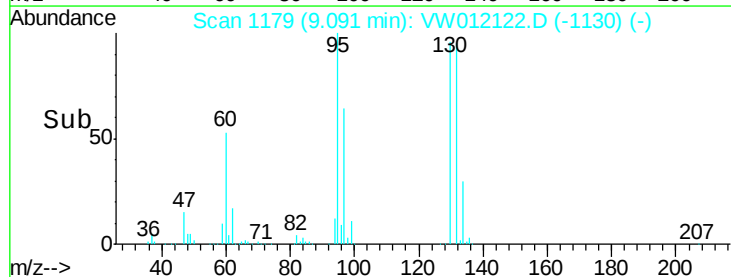
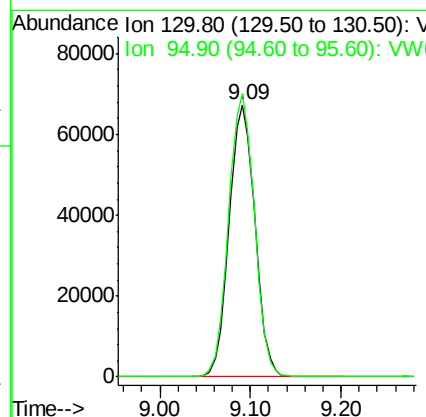
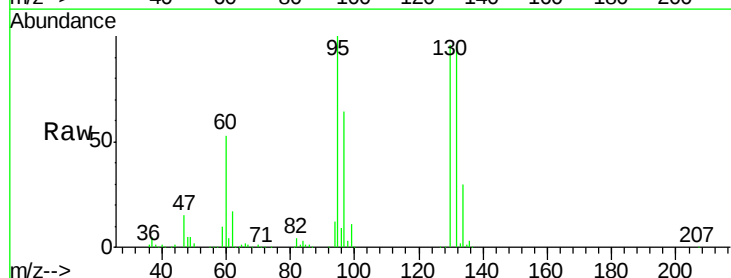
RT: 9.09 min Scan# 1179

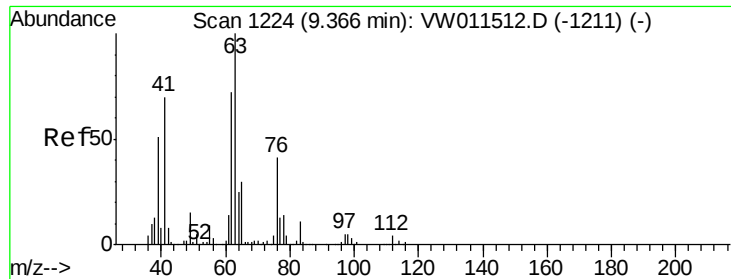
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	130	Resp:	133153
Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	204.8





#45

1,2-Dichloropropane

Concen: 58.896 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 151542

Ion Ratio Lower Upper

63 100

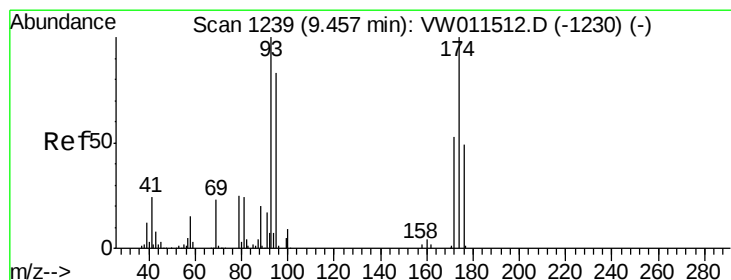
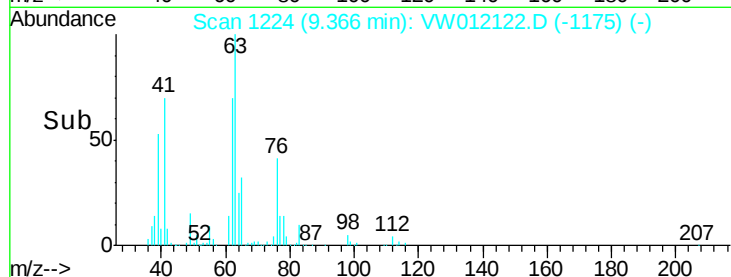
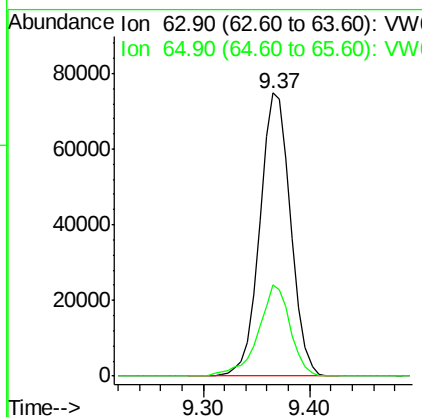
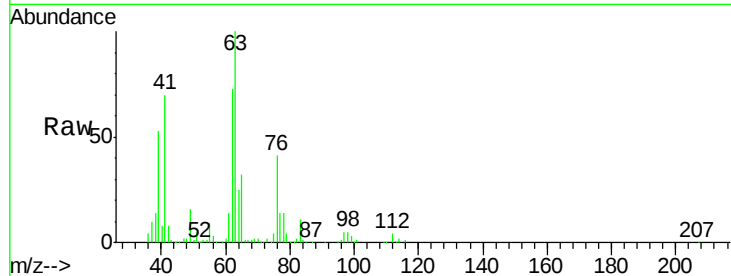
65 32.4 24.2 36.4

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#46

Dibromomethane

Concen: 59.100 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

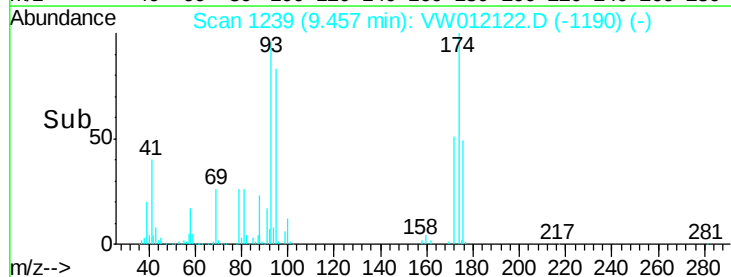
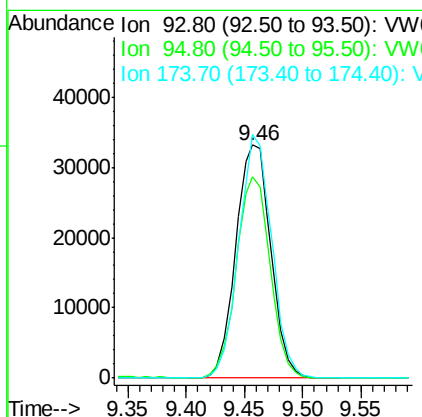
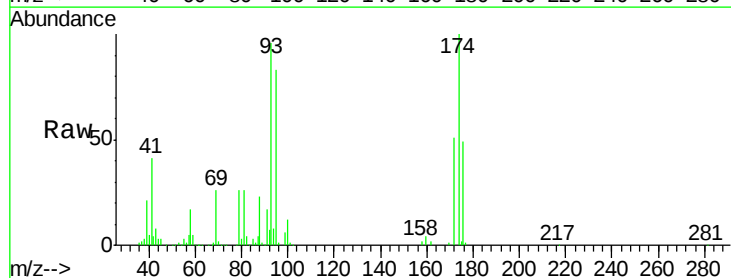
Tgt Ion: 93 Resp: 69406

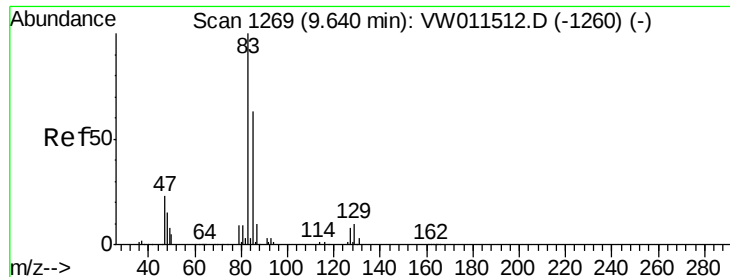
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

174 98.4 78.2 117.4





#47

Bromodichloromethane

Concen: 58.719 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

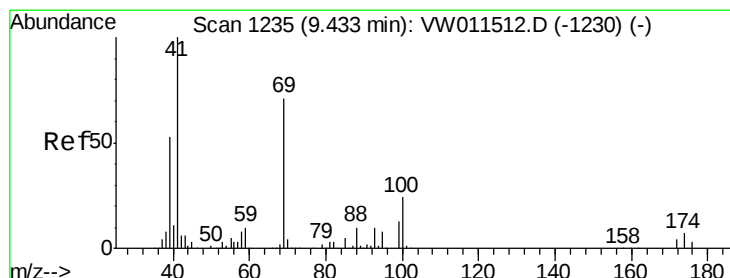
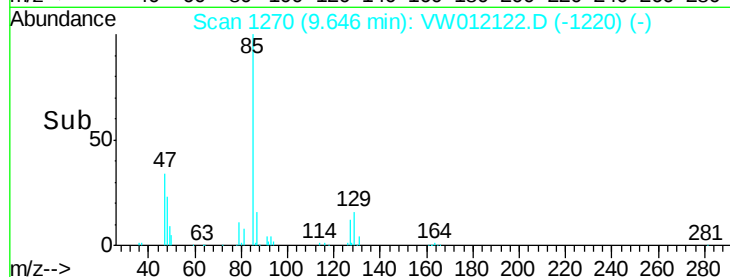
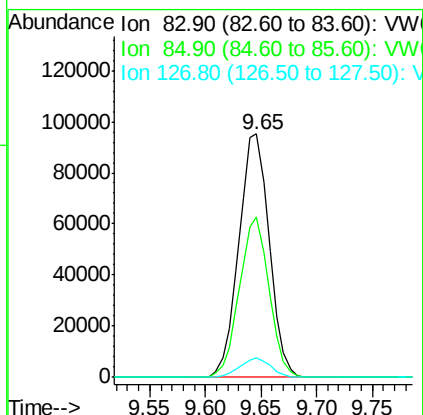
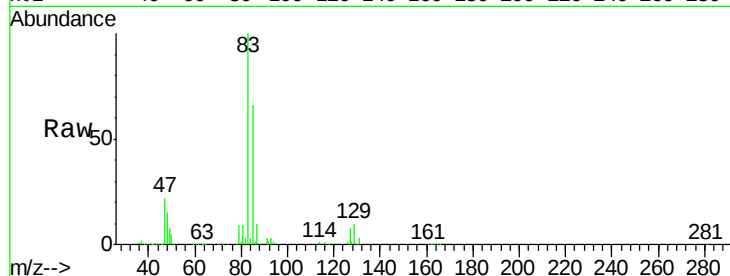
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	180889
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.5	75.7
127	7.8	6.4	9.6

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#48

Methyl methacrylate

Concen: 65.221 ug/l

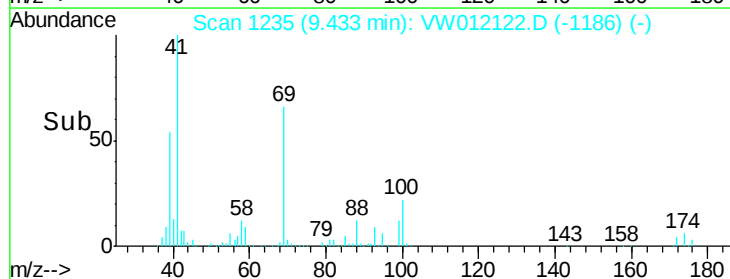
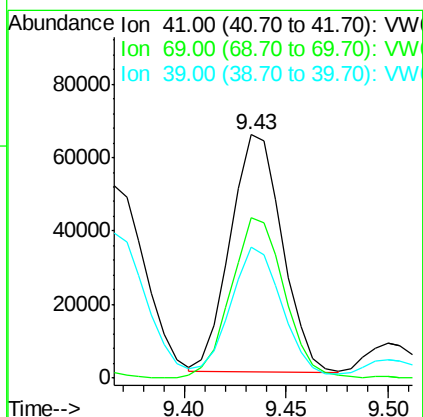
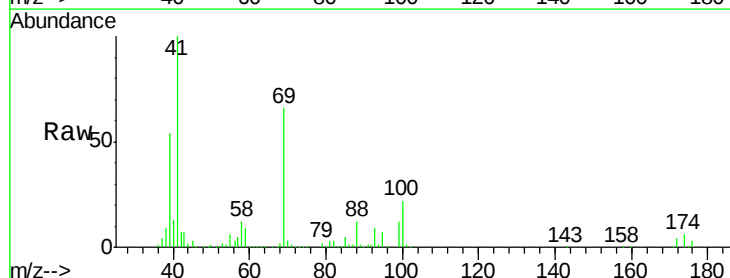
RT: 9.43 min Scan# 1235

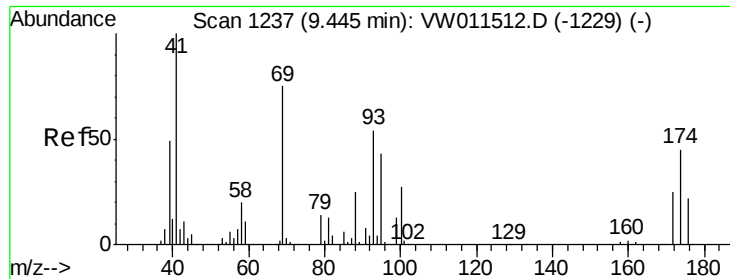
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	41	Resp:	113806
Ion	Ratio	Lower	Upper
41	100		
69	69.9	57.1	85.7
39	55.9	45.4	68.2





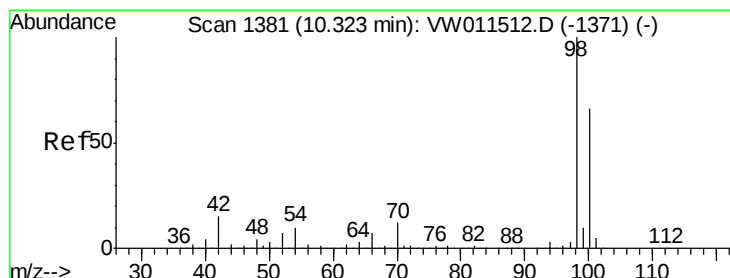
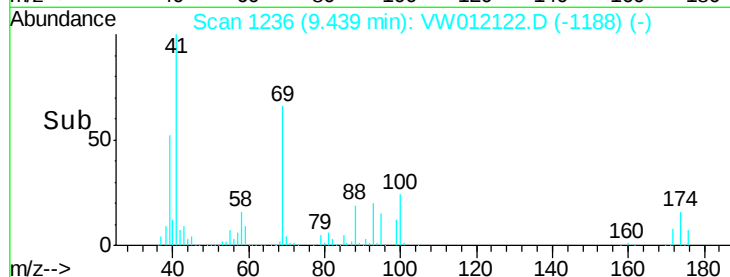
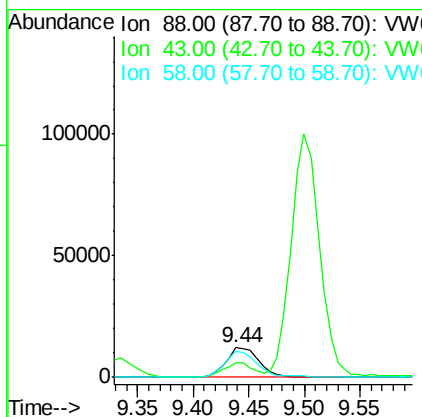
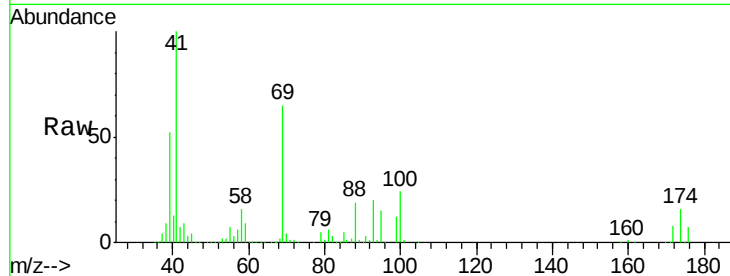
#49
1,4-Dioxane
Concen: 1471.795 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	25027
Ion	Ratio	Lower	Upper
88	100		
43	43.1	34.0	51.0
58	88.3	69.7	104.5

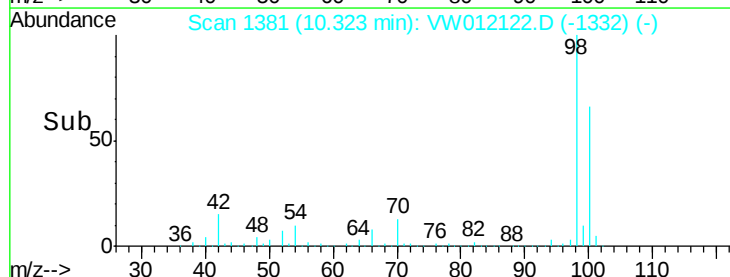
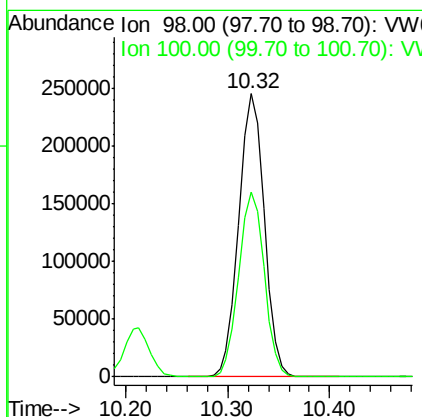
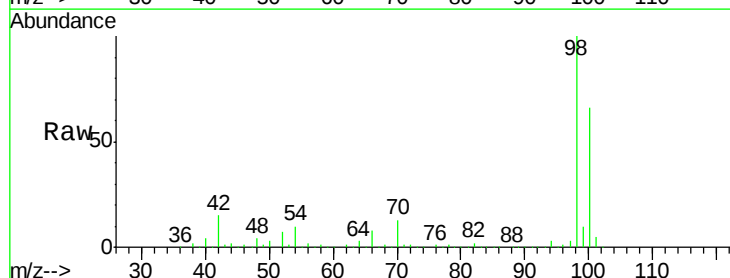
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#50
Toluene-d8
Concen: 56.232 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	98	Resp	426461
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 329.892 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 623316

Ion Ratio Lower Upper

43 100

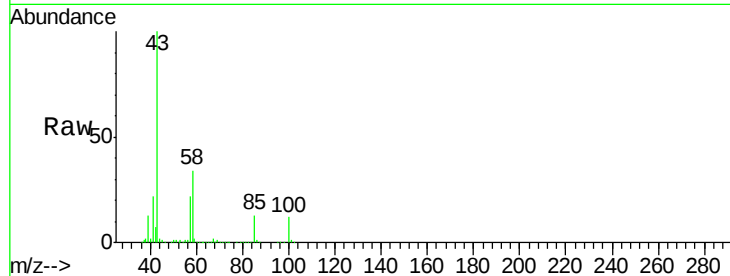
58 35.0 28.2 42.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

400000

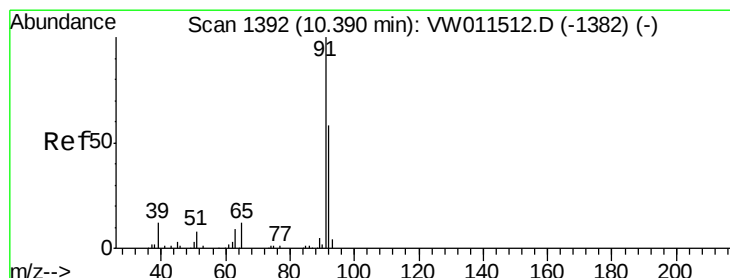
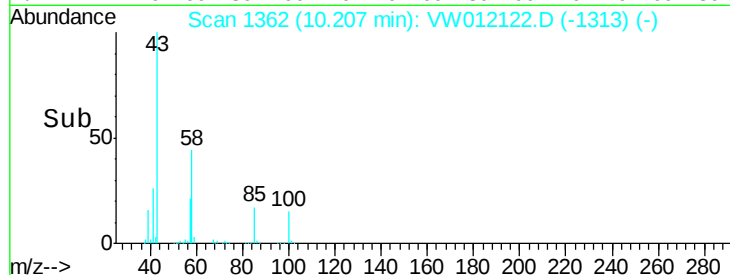
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 58.651 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012122.D

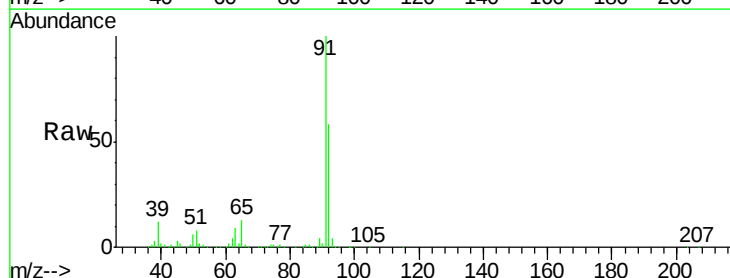
Acq: 22 Aug 2019 20:09

Tgt Ion: 92 Resp: 340608

Ion Ratio Lower Upper

92 100

91 170.1 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

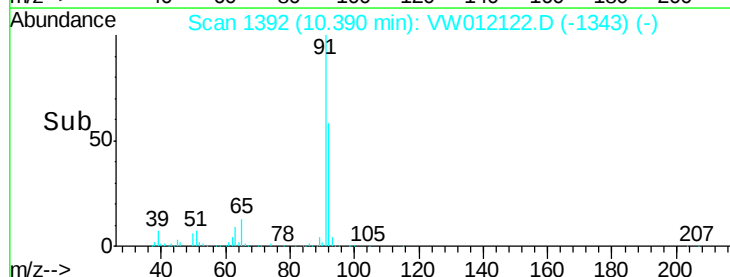
300000

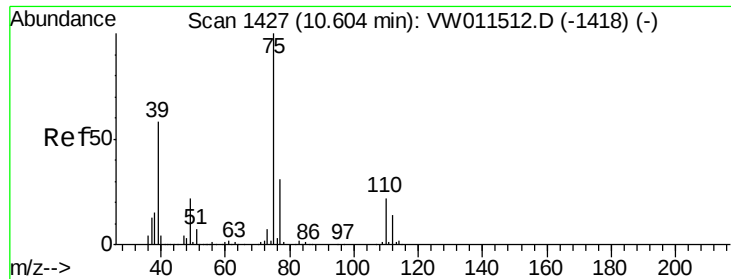
200000

100000

0

Time-->





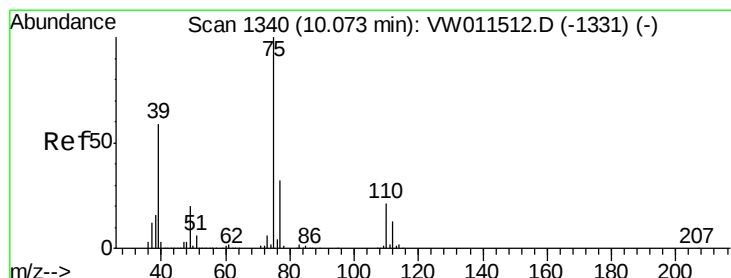
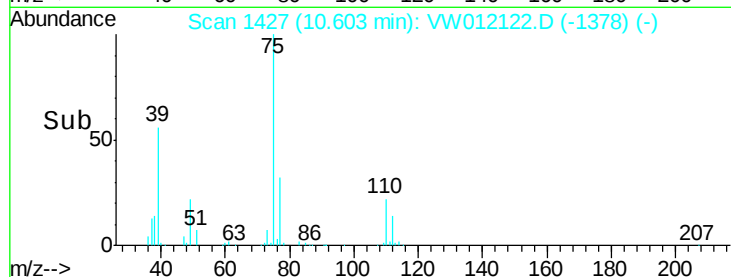
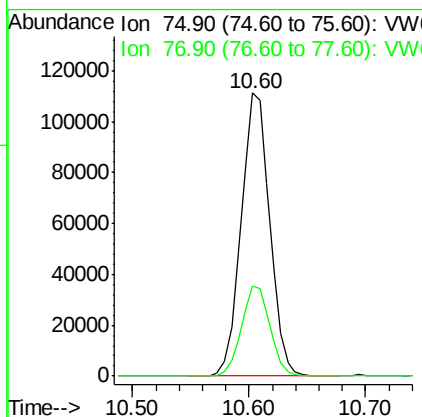
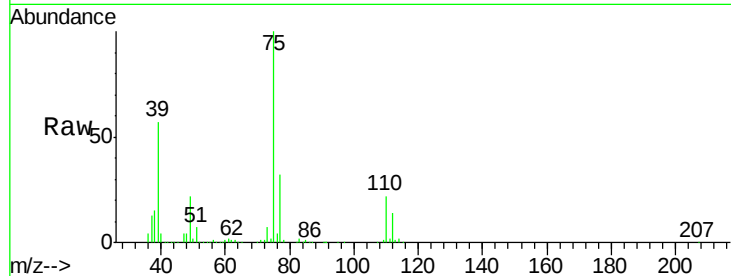
#53
t-1,3-Dichloropropene
Concen: 59.226 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 190588
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4

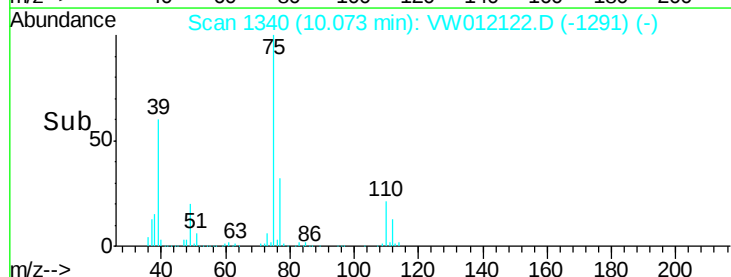
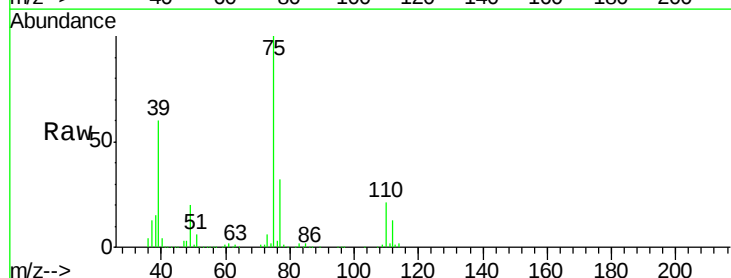
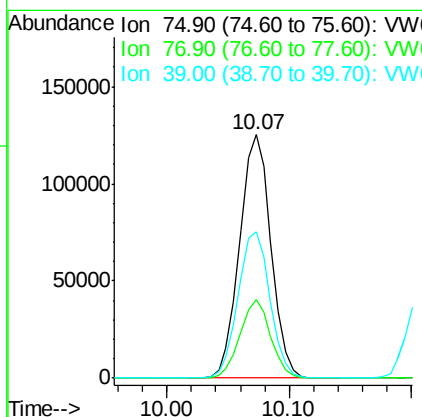
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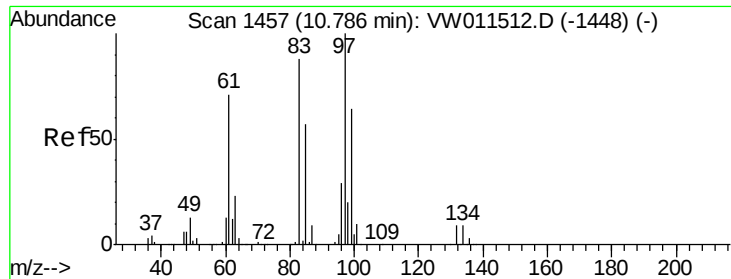
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#54
cis-1,3-Dichloropropene
Concen: 58.043 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion: 75 Resp: 222083
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 60.2 47.0 70.4





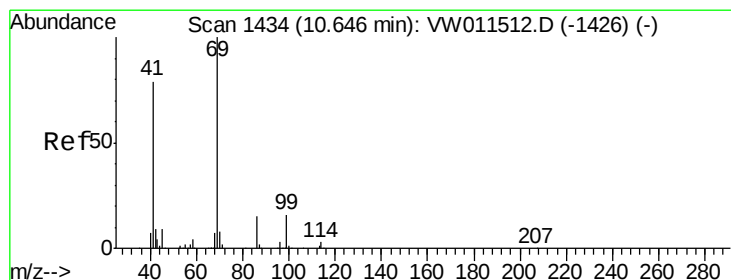
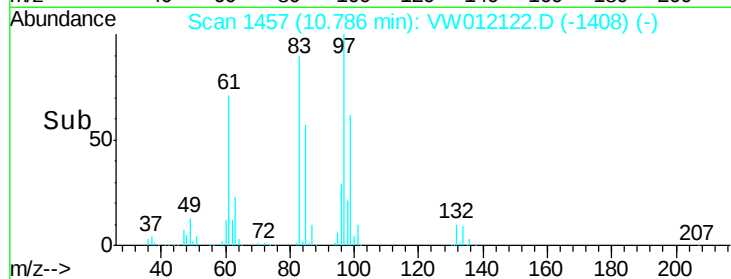
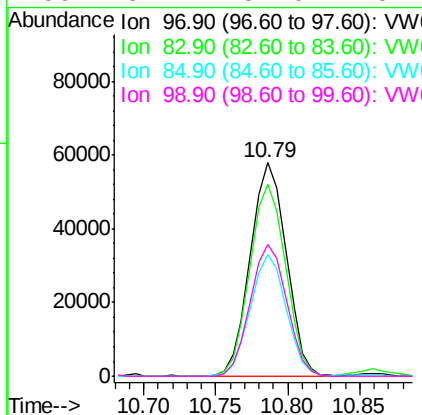
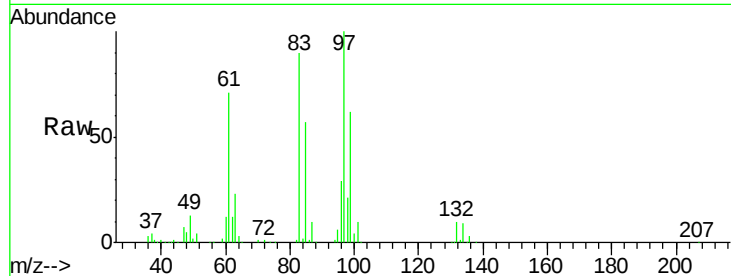
#55
 1,1,2-Trichloroethane
 Concen: 60.355 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	100568
Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.5	105.7
85	57.1	45.8	68.6
99	61.7	51.0	76.4

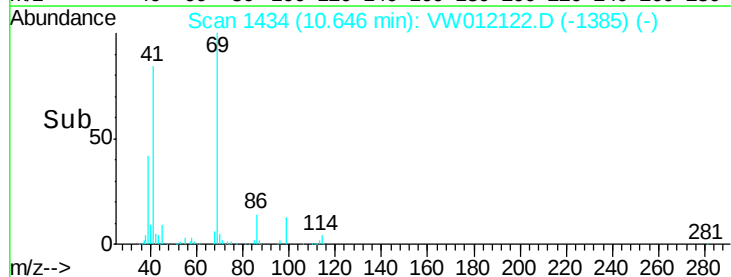
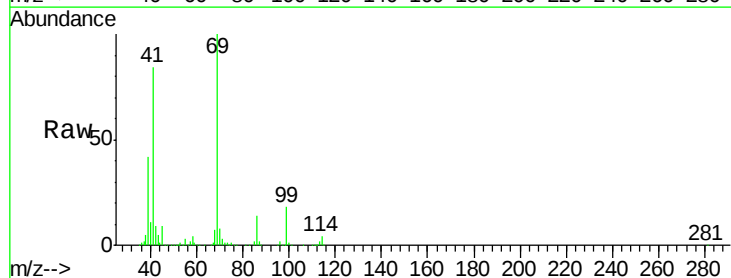
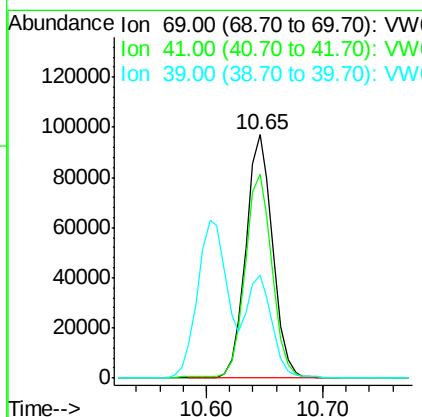
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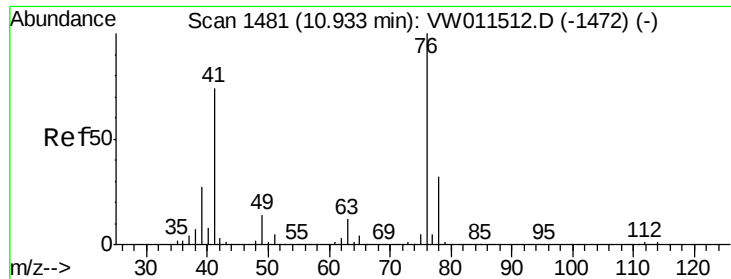
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#56
 Ethyl methacrylate
 Concen: 63.852 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	69	Resp	155690
Ion	Ratio	Lower	Upper
69	100		
41	83.2	66.6	99.8
39	39.3	30.3	45.5





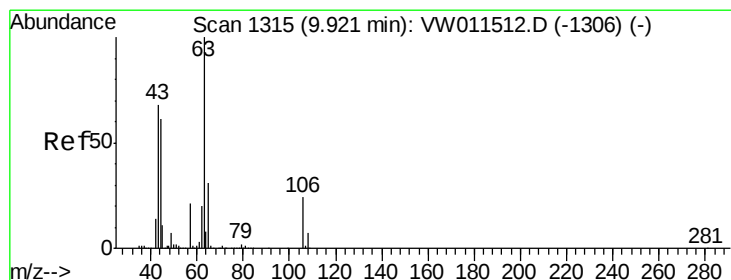
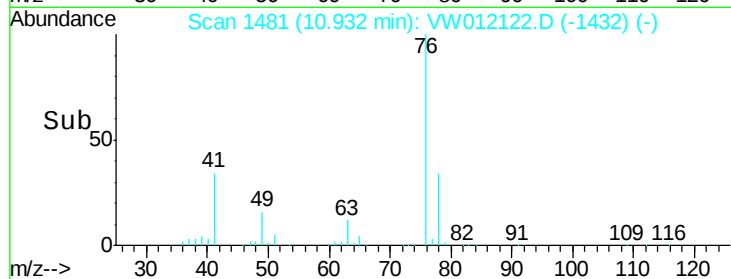
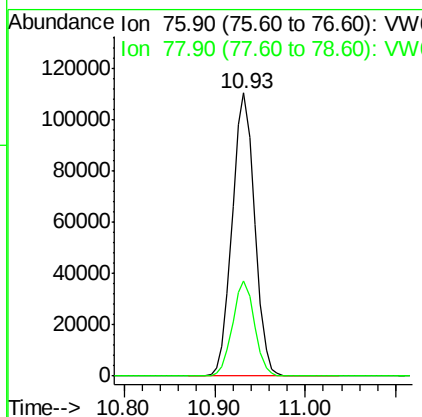
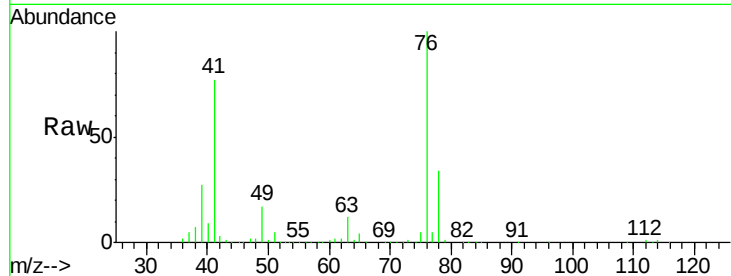
#57
 1,3-Dichloropropane
 Concen: 60.184 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 189726
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8

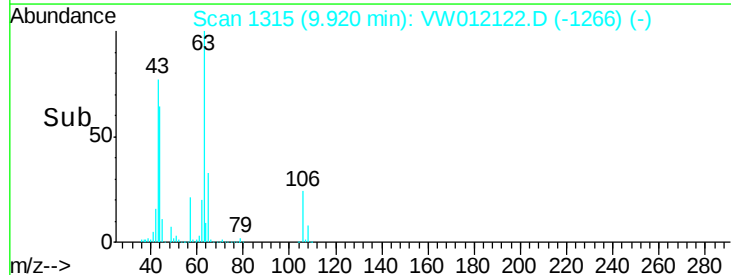
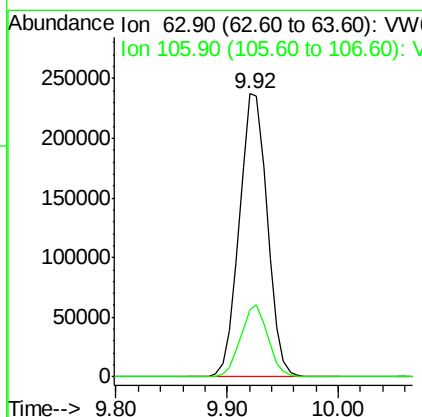
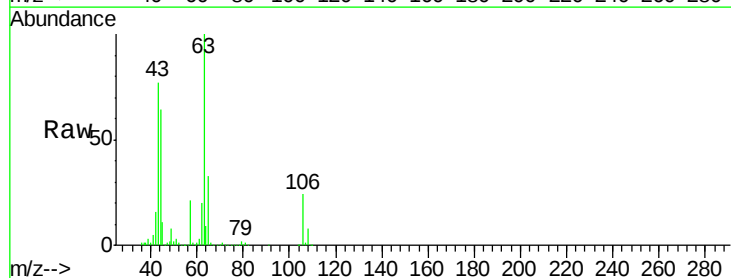
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 8/23/2019 10:49:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 374.780 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion: 63 Resp: 414914
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5





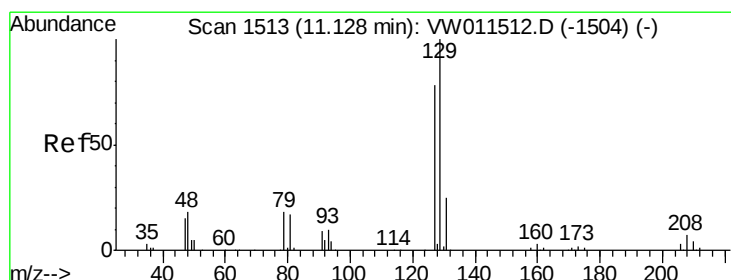
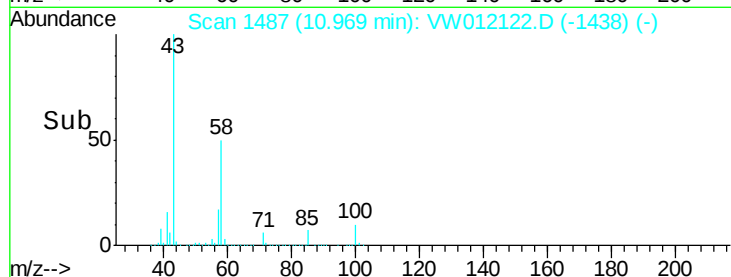
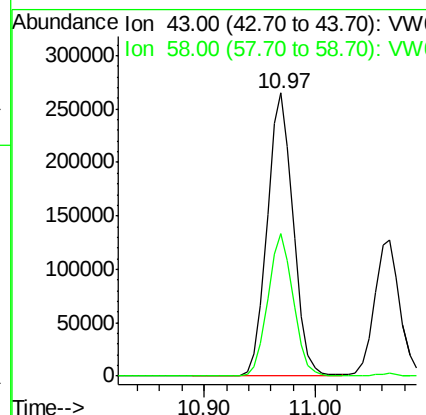
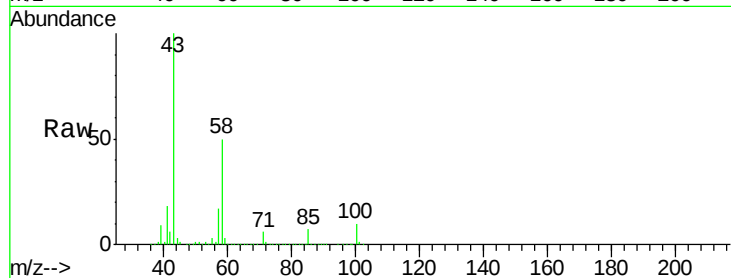
#59
2-Hexanone
Concen: 323.569 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	431667
Ion Ratio	100	Lower	Upper
43	100		
58	49.3	24.3	72.9

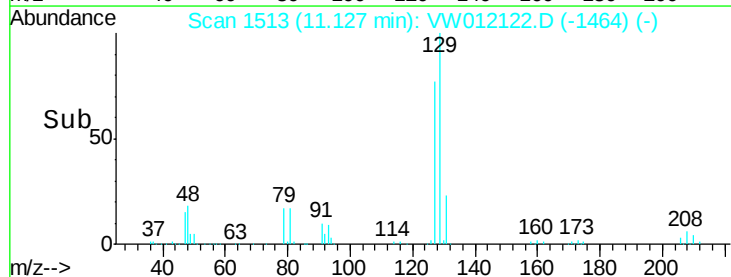
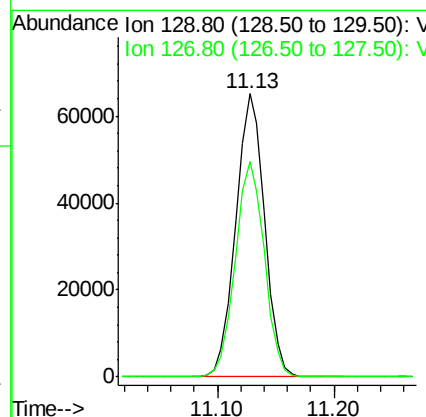
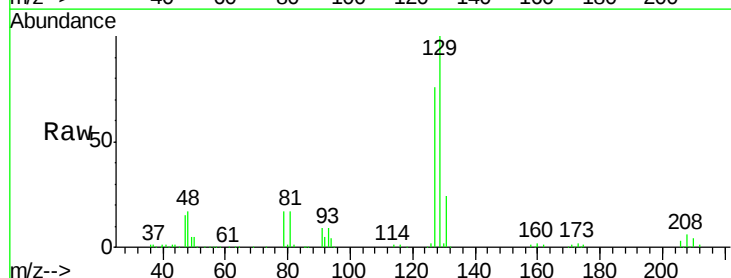
Manual Integrations
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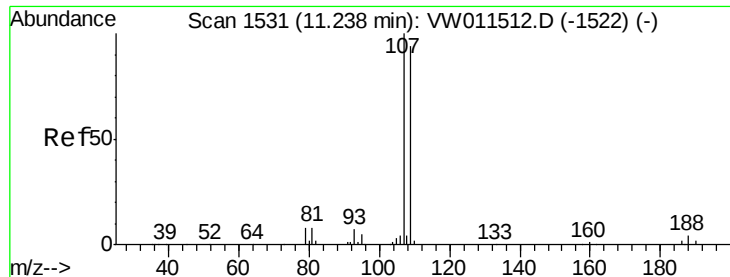
MMDadoda
8/23/2019 10:49:02 AM



#60
Dibromochloromethane
Concen: 60.517 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	129	Resp	111933
Ion Ratio	100	Lower	Upper
129	100		
127	76.7	38.9	116.7





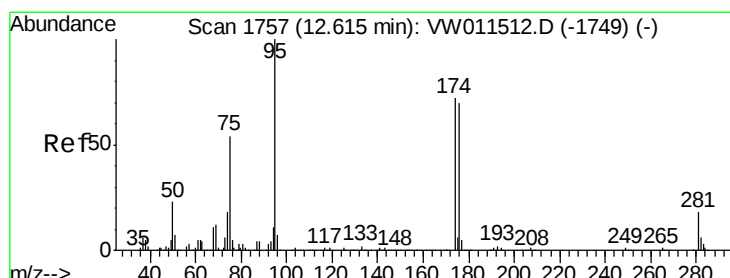
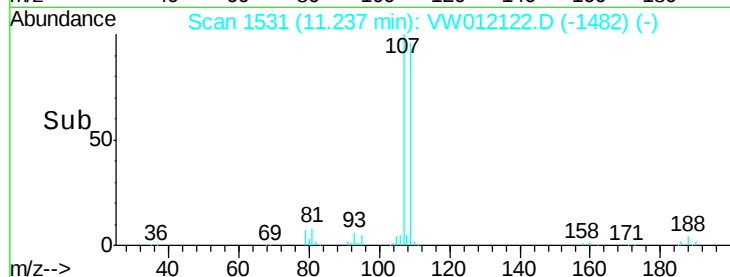
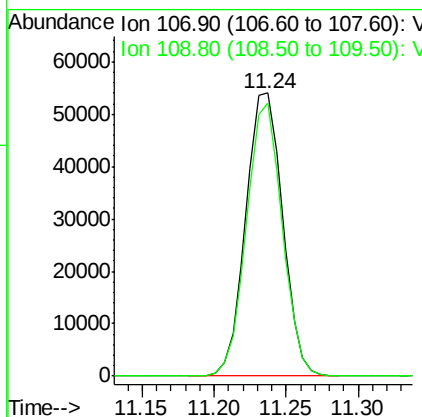
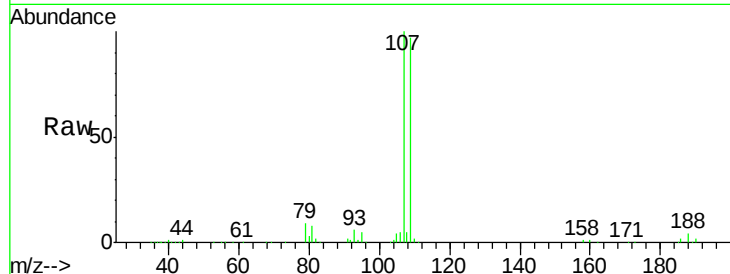
#61
 1,2-Dibromoethane
 Concen: 60.716 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.0	112.6

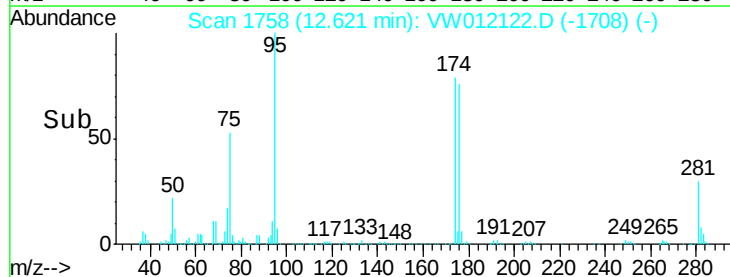
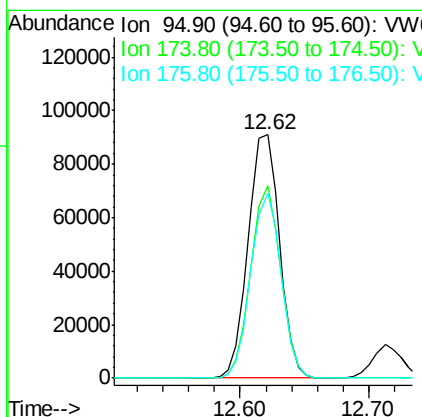
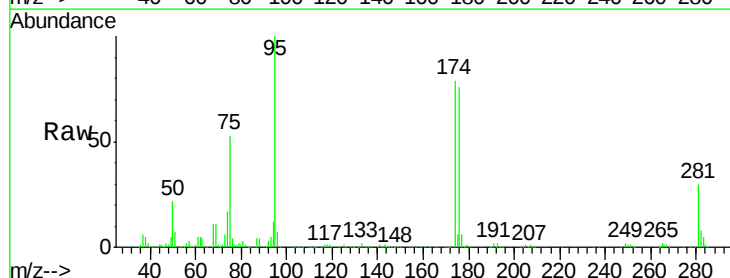
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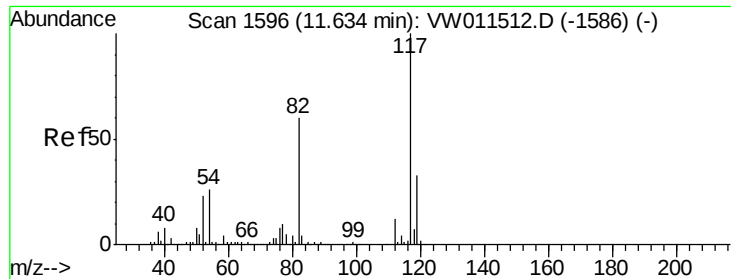
MMDadoda
 8/23/2019 10:49:02 AM



#62
 4-Bromofluorobenzene
 Concen: 56.578 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	150.2
176	73.6	0.0	144.4





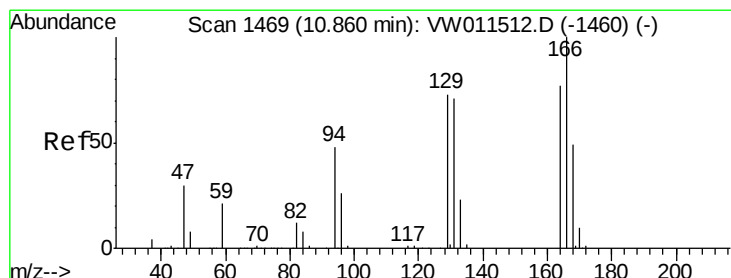
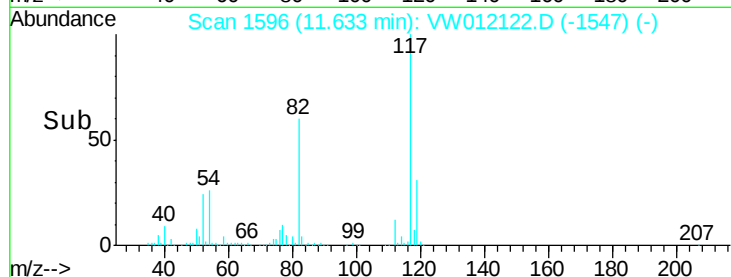
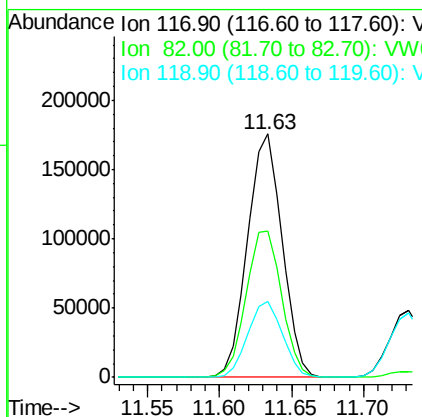
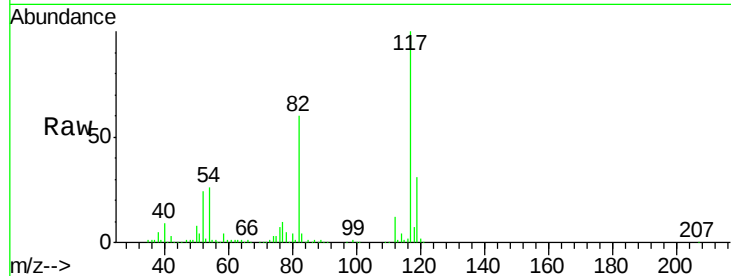
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	292477		
82	60.0	47.9	71.9	
119	31.1	26.2	39.2	

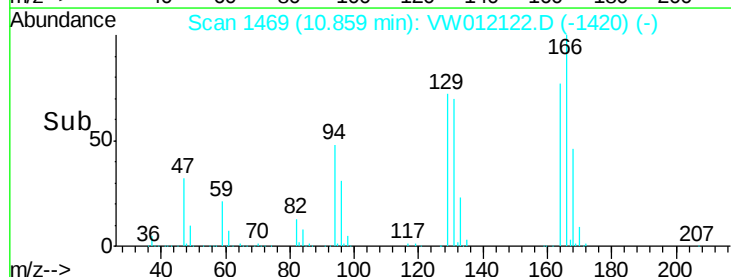
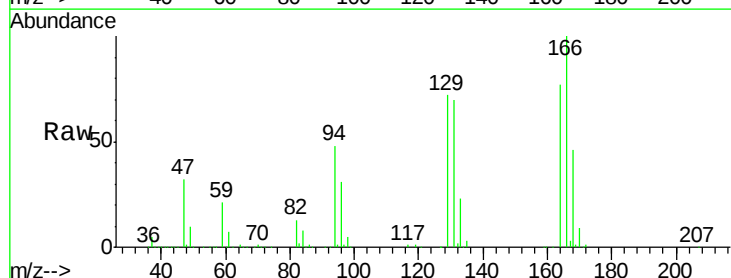
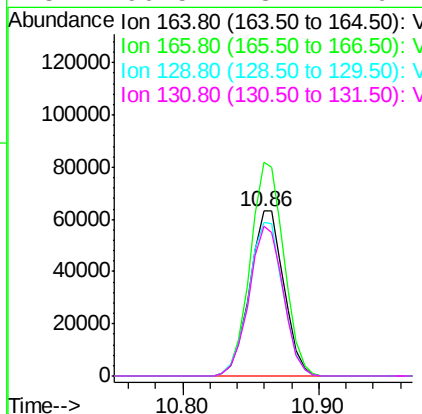
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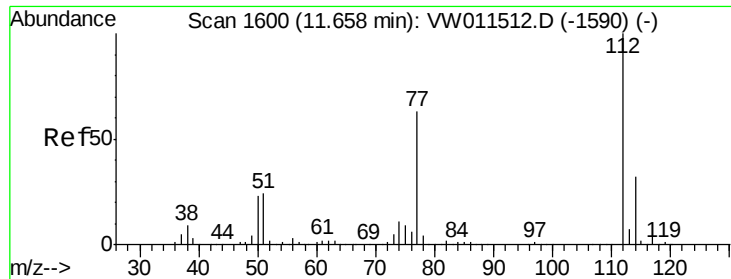
MMDadoda
8/23/2019 10:49:02 AM



#64
Tetrachloroethene
Concen: 58.393 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111200		
166	129.4	103.5	155.3	
129	93.4	75.2	112.8	
131	90.5	73.4	110.2	





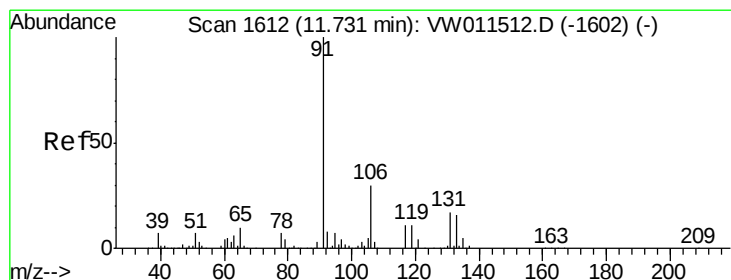
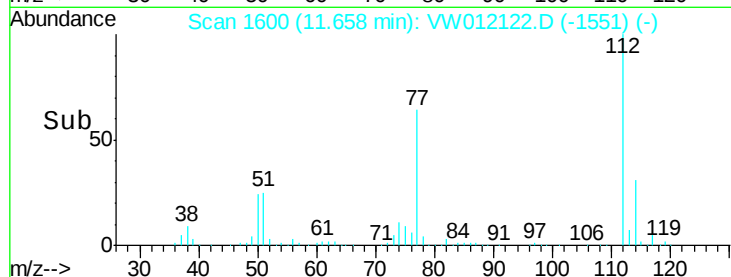
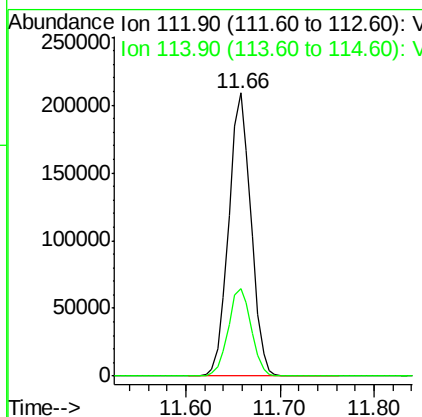
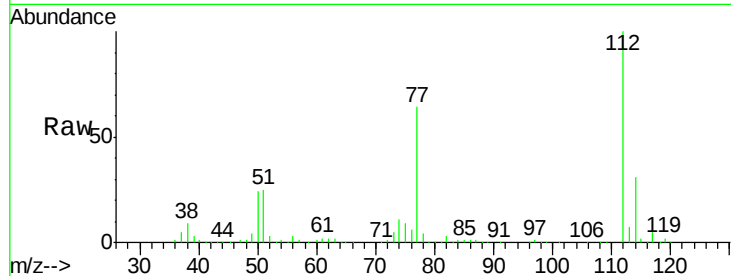
#65
Chlorobenzene
Concen: 58.185 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 342139
Ion Ratio Lower Upper
112 100
114 31.0 25.6 38.4

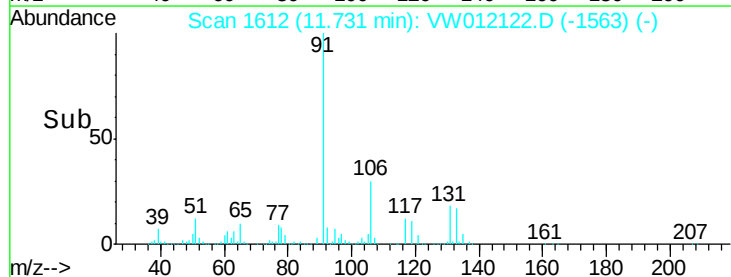
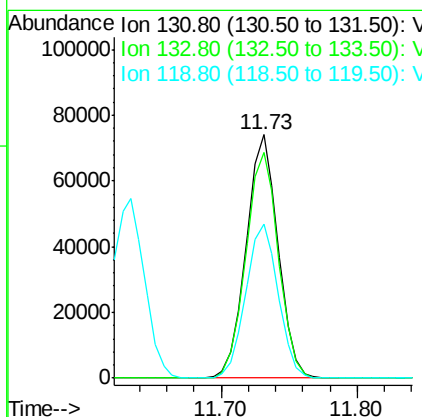
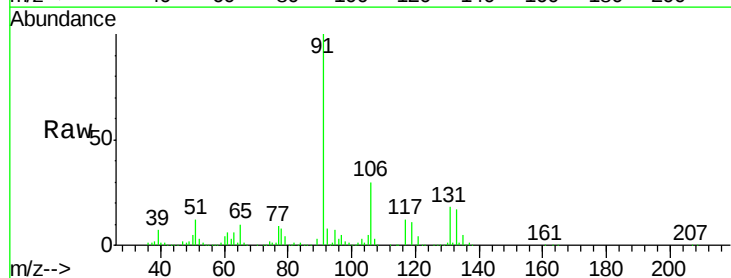
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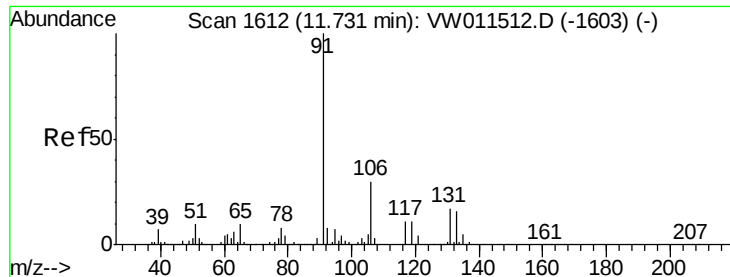
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8/23/2019 10:49:02 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 59.184 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion:131 Resp: 121221
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 64.6 32.3 96.9





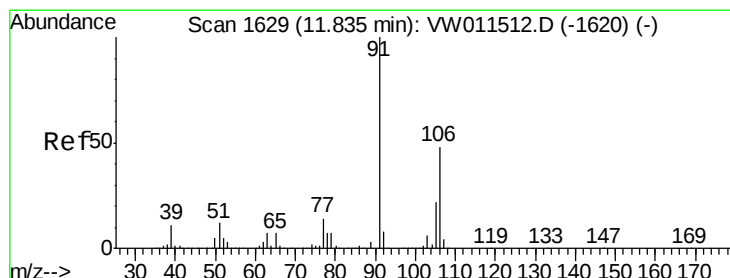
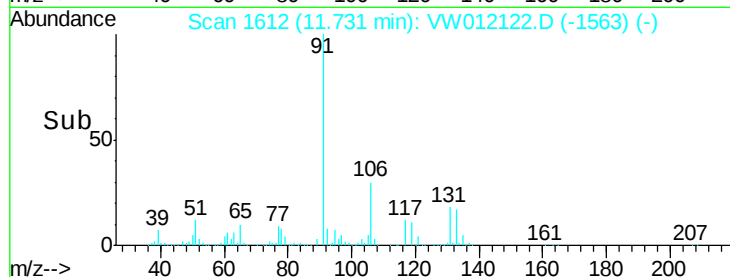
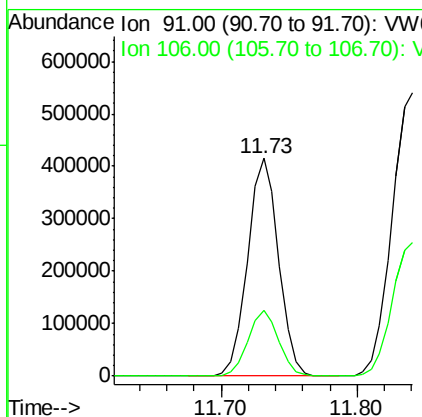
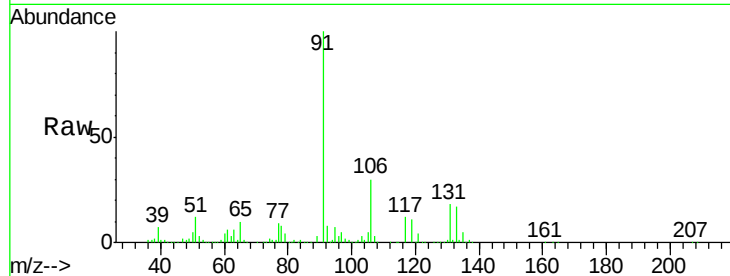
#67
Ethyl Benzene
Concen: 58.992 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.2	23.8	35.6	

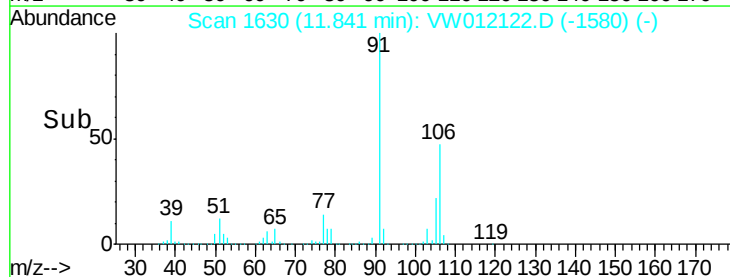
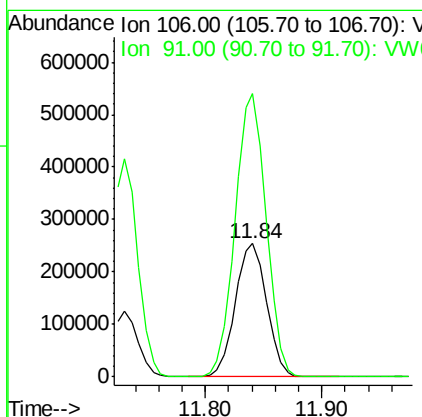
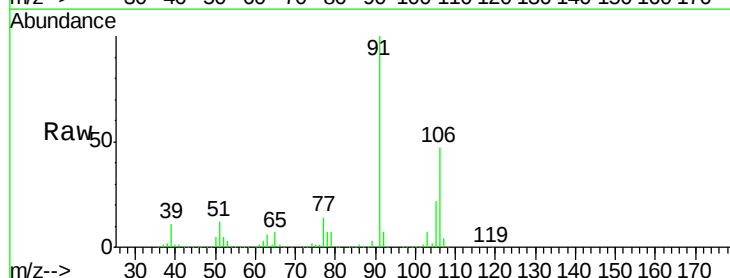
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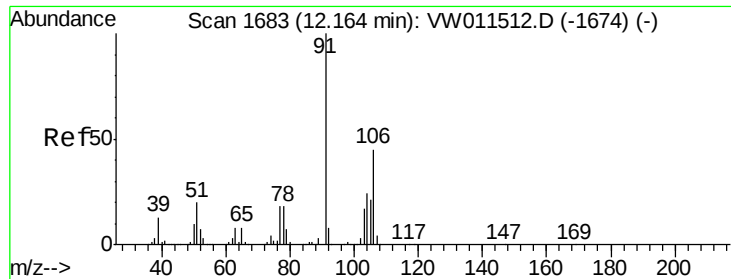
MMDadoda
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#68
m/p-Xylenes
Concen: 116.568 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.4	168.2	252.2	





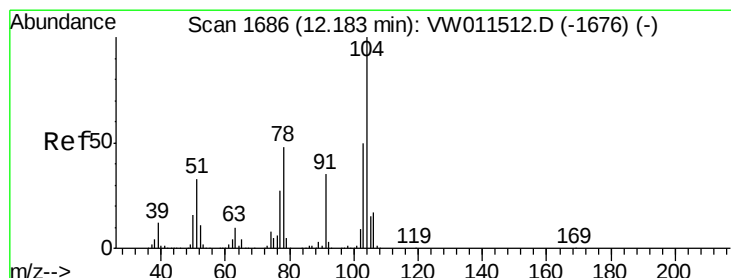
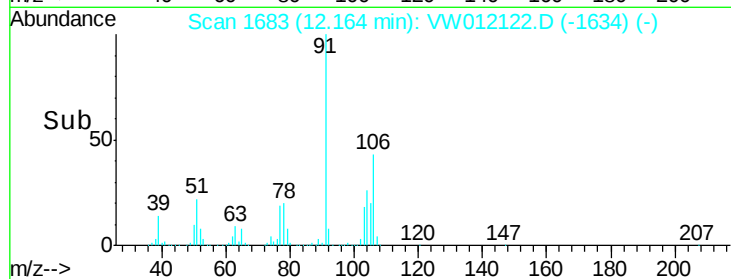
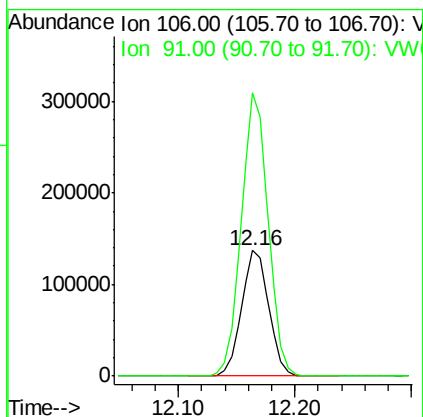
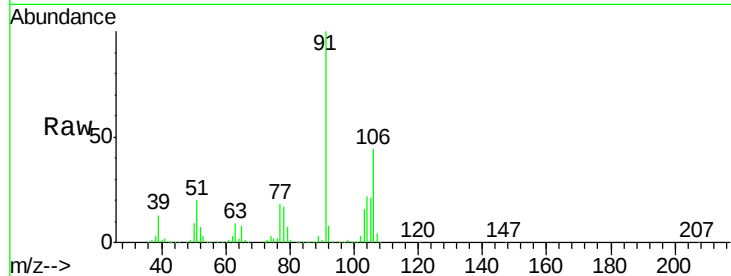
#69
o-Xylene
Concen: 58.769 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.2	110.5	331.5

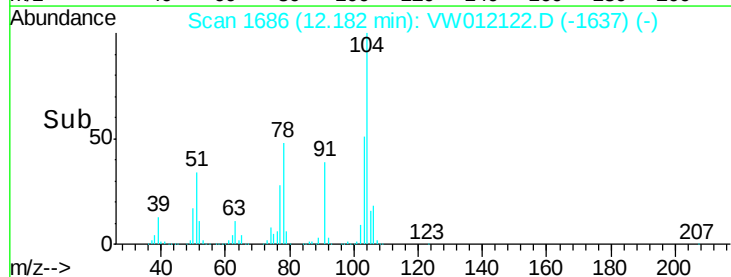
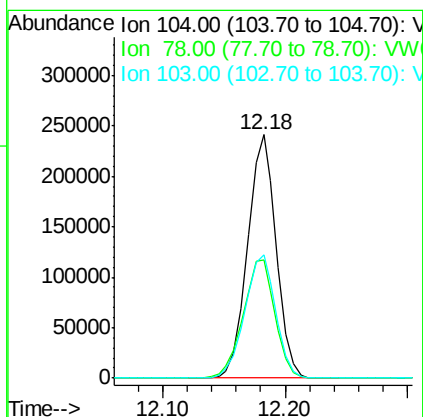
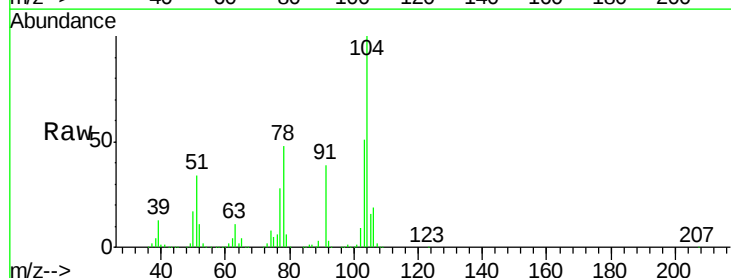
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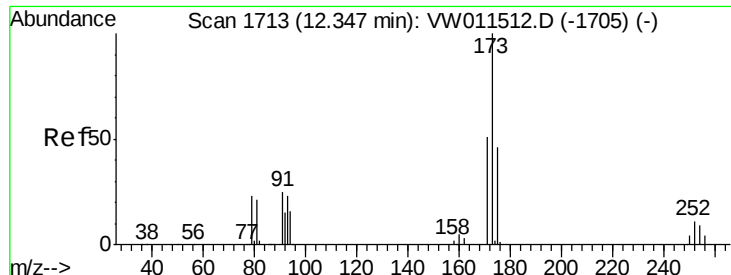
MMDadoda
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#70
Styrene
Concen: 59.773 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.1	43.4	65.0
103	54.8	43.9	65.9





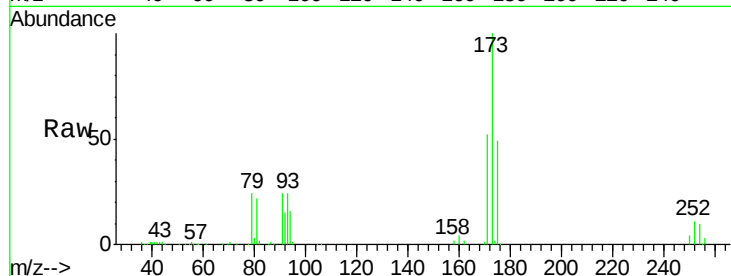
#71
Bromoform
Concen: 61.925 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.6	71.0
254	0.1	0.1	0.1

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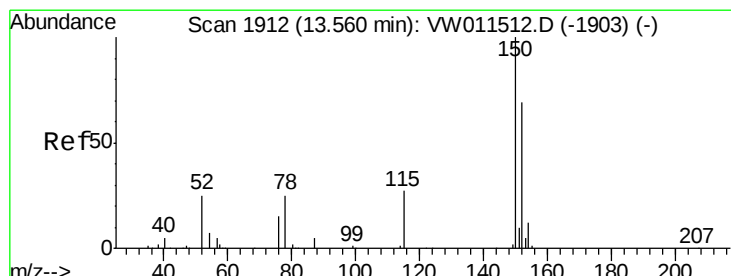
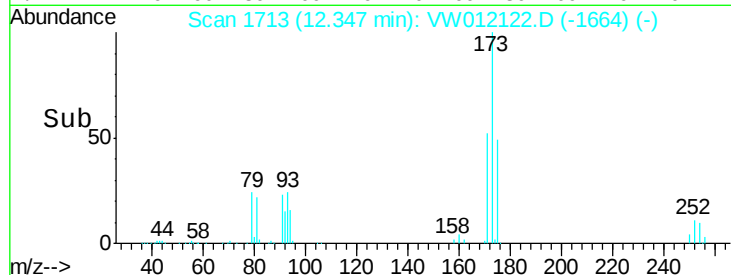
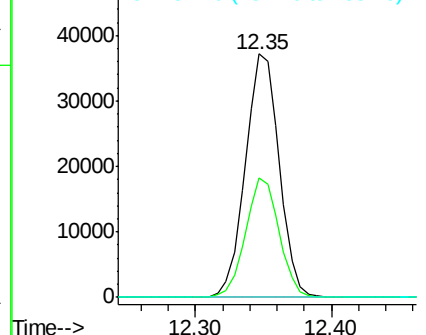


Abundance

Ion 172.70 (172.40 to 173.40): V

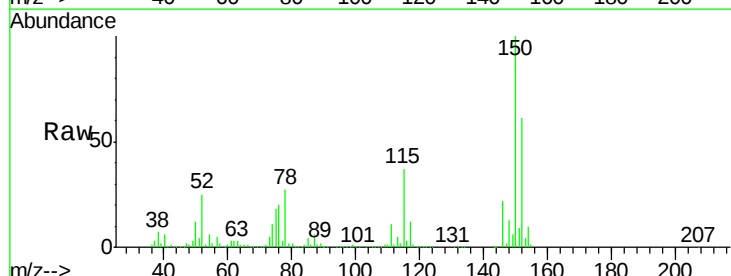
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.5	91.5
150	176.9	0.0	352.6

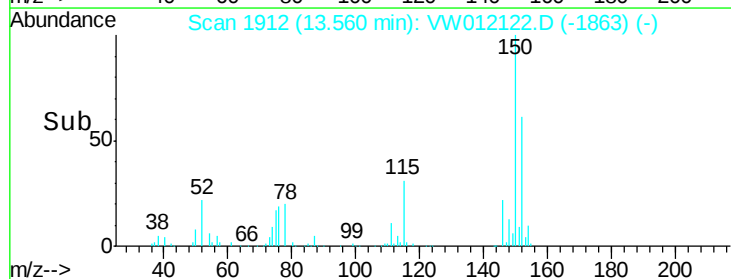
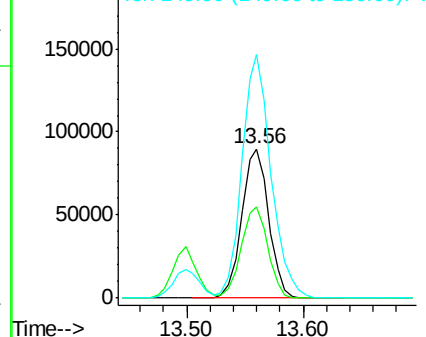


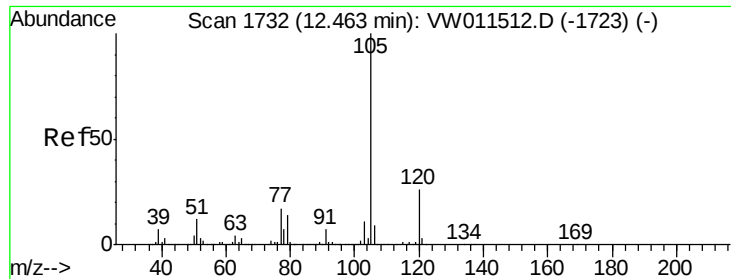
Abundance

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





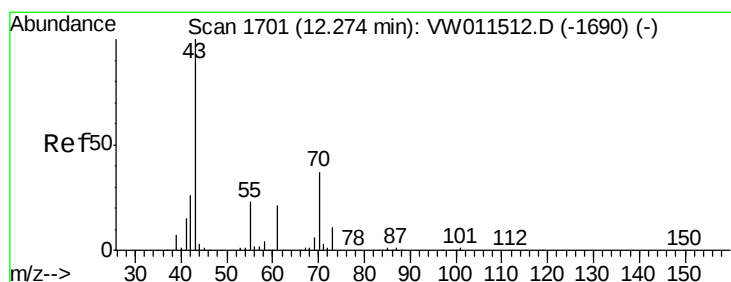
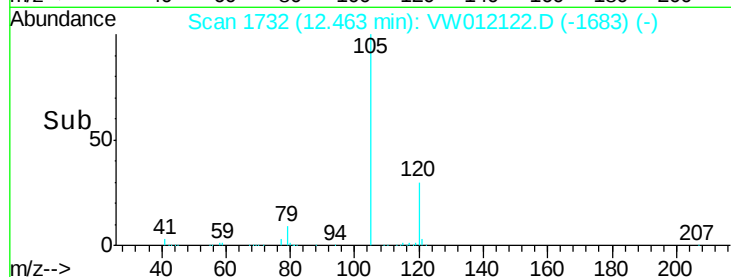
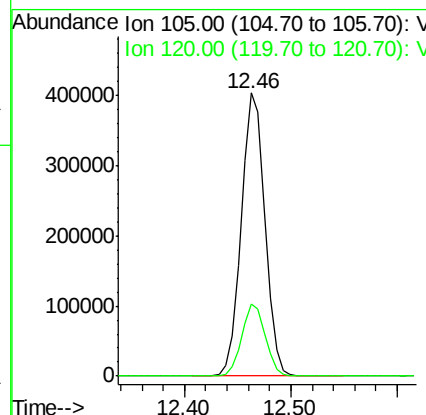
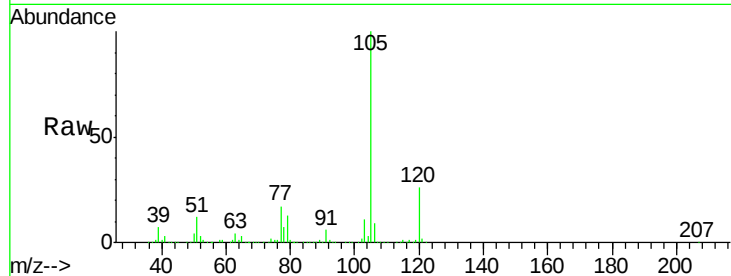
#73
Isopropylbenzene
Concen: 58.596 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.9	38.7

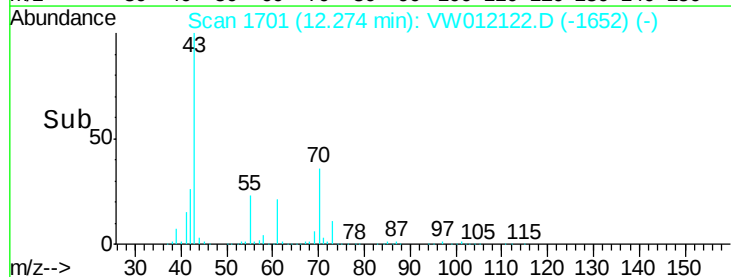
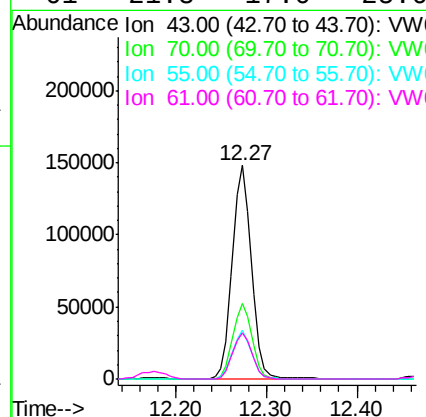
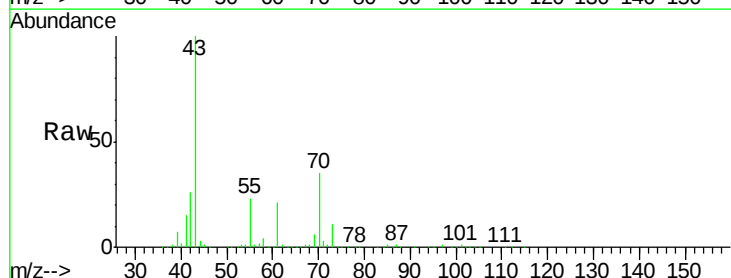
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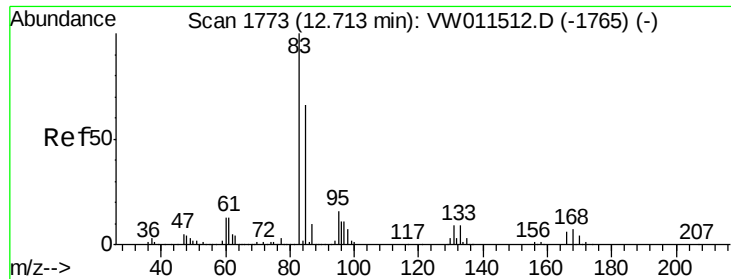
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8/23/2019 10:49:02 AM



#74
N-ethyl acetate
Concen: 64.728 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.7	28.6	43.0
55	22.8	17.8	26.8
61	21.8	17.0	25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 62.344 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

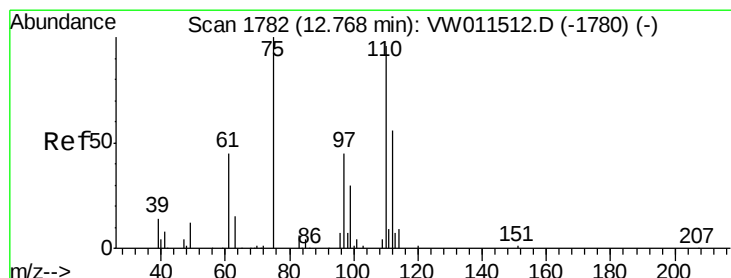
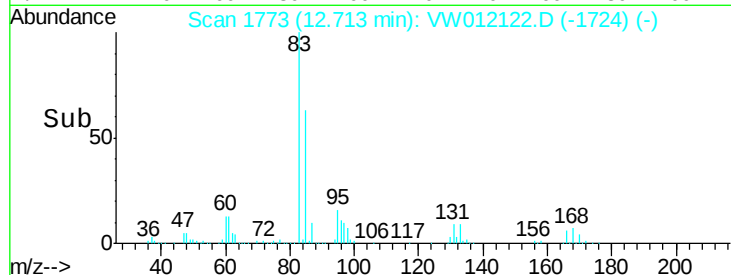
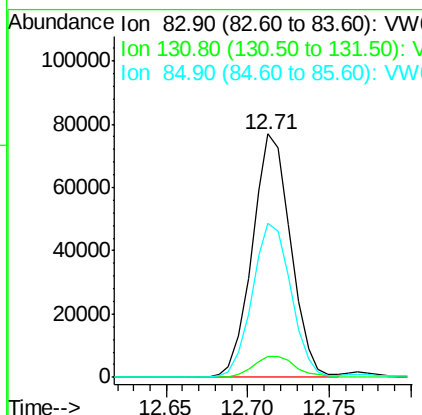
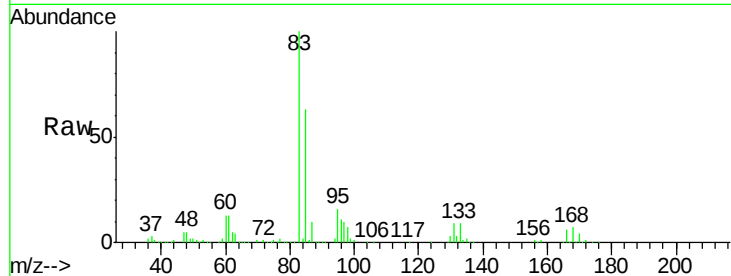
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	125746
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.6
85	63.9	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.818 ug/l m

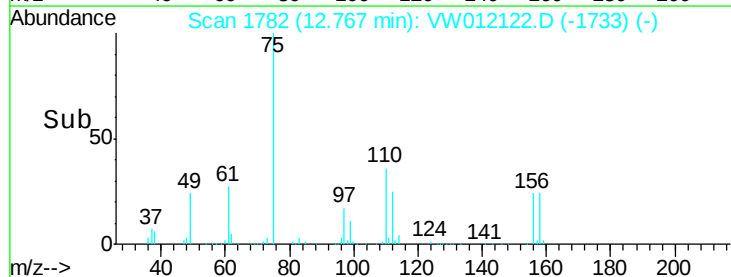
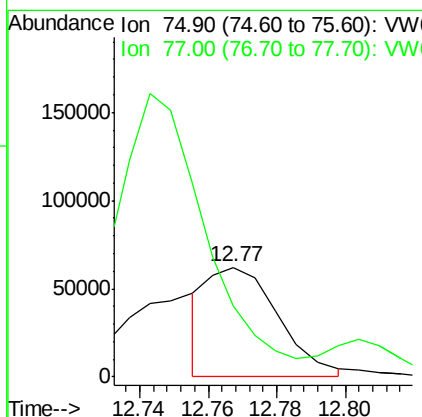
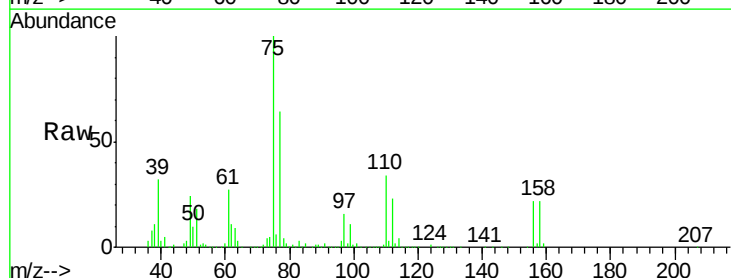
RT: 12.77 min Scan# 1782

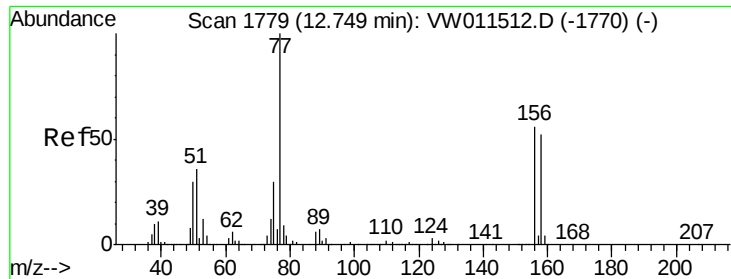
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	75	Resp:	89455
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 57.911 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

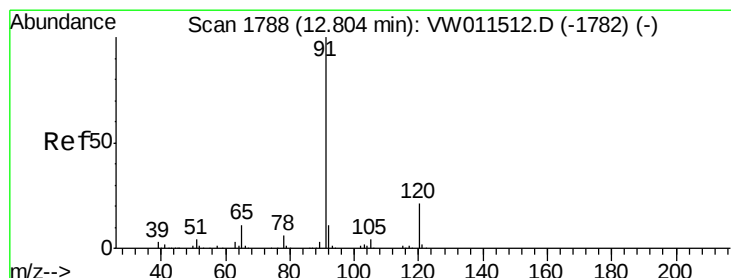
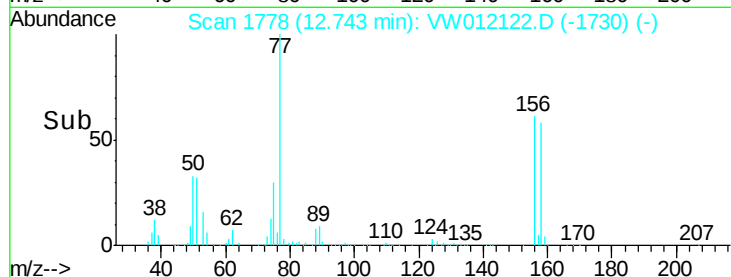
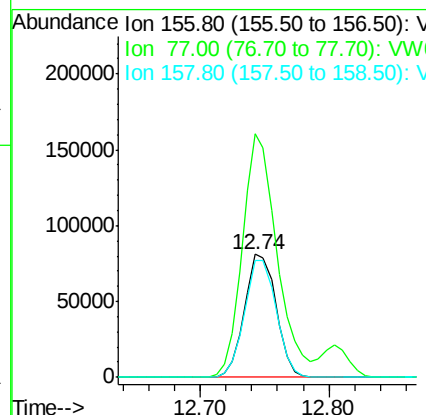
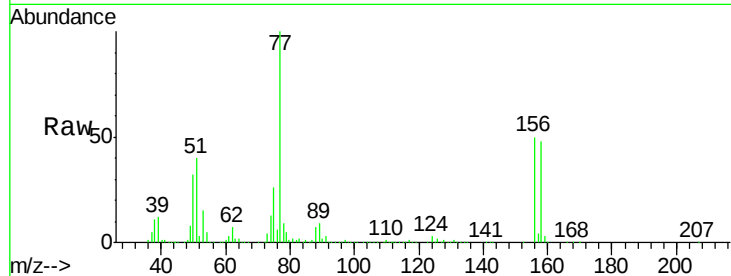
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	137256
Ion Ratio	Lower	Upper	
156	100		
77	216.0	106.5	319.4
158	96.3	48.0	144.2

Manual Integrations
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#78

n-propylbenzene

Concen: 58.900 ug/l

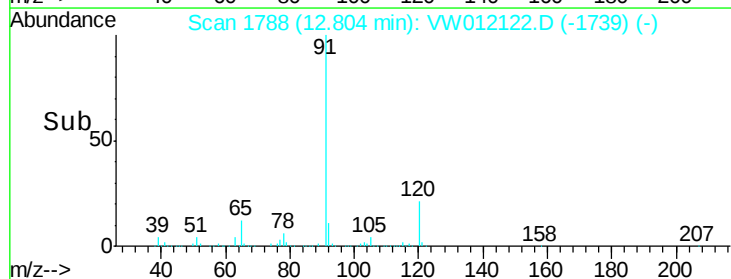
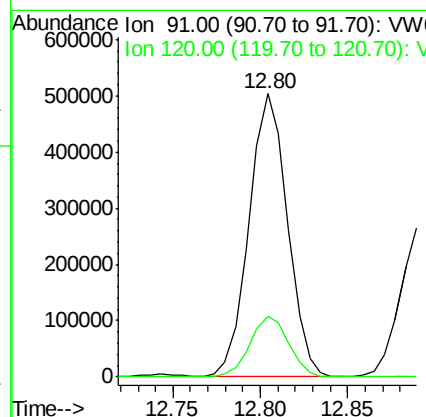
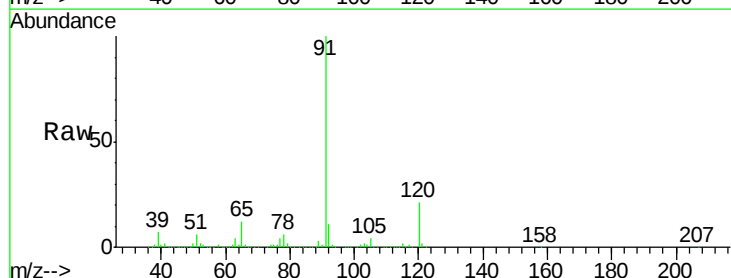
RT: 12.80 min Scan# 1788

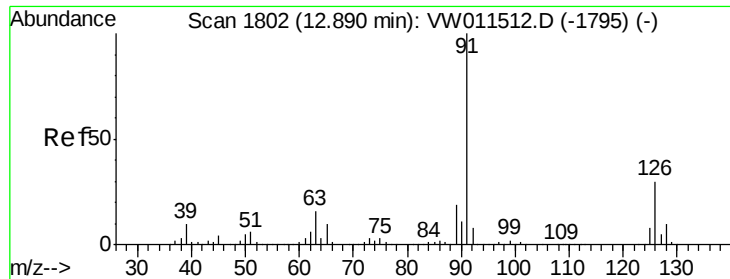
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	91	Resp:	768636
Ion Ratio	Lower	Upper	
91	100		
120	21.4	10.9	32.7





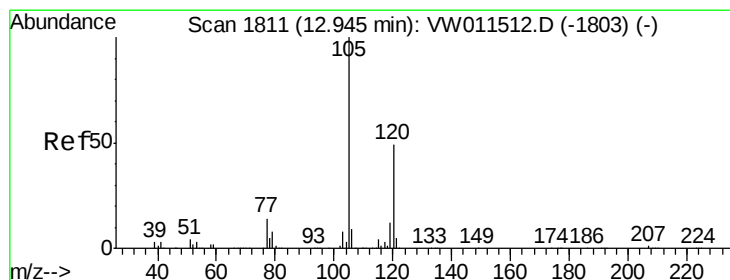
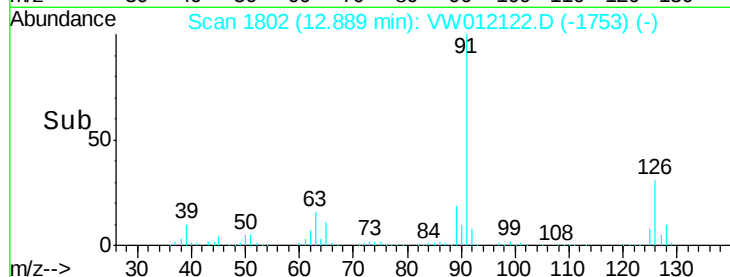
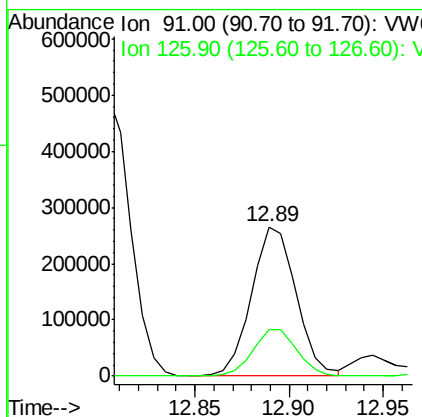
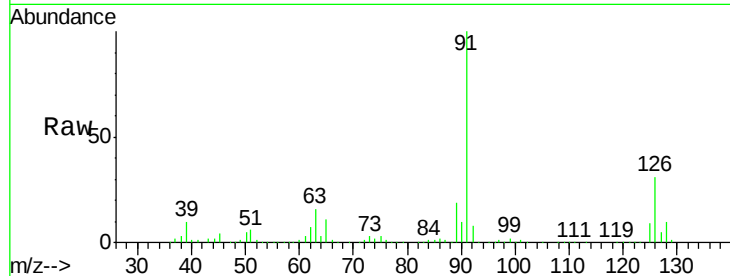
#79
 2-Chlorotoluene
 Concen: 58.011 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 436134
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.1

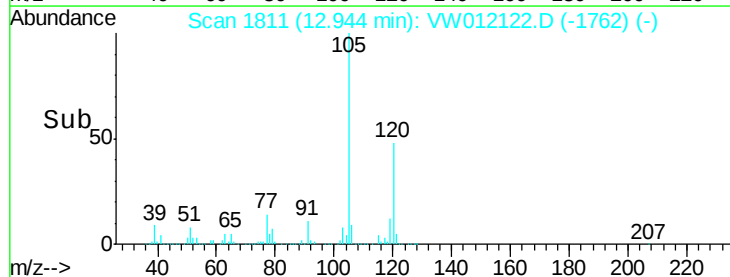
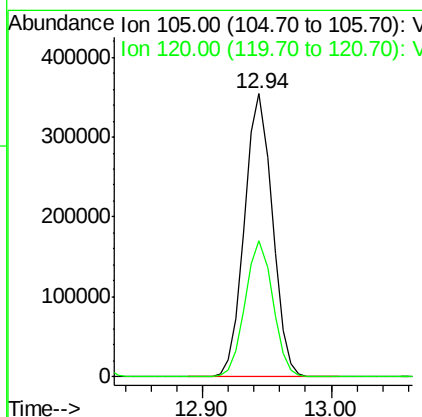
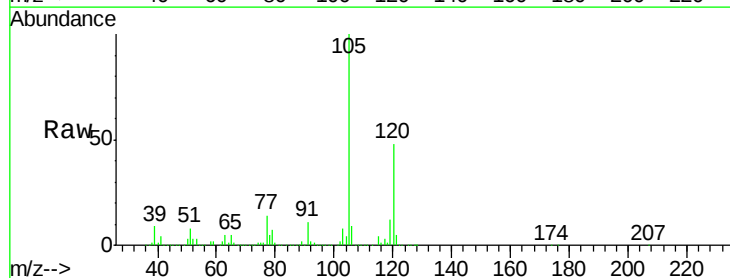
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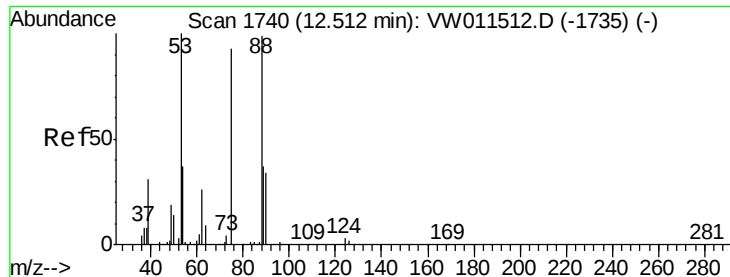
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 58.871 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion: 105 Resp: 529161
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3





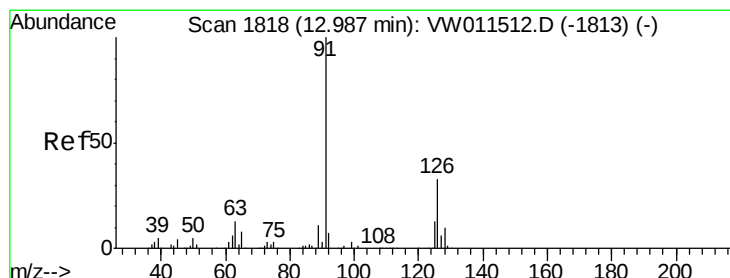
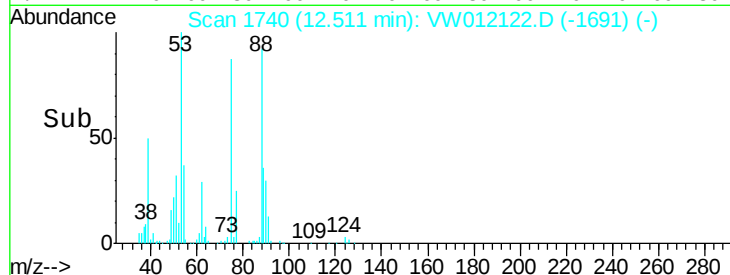
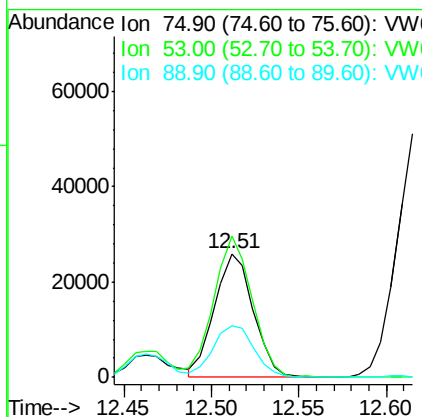
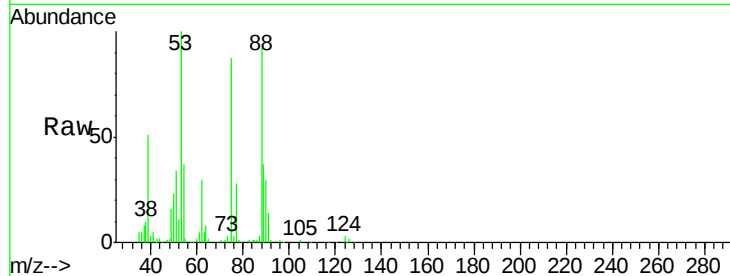
#81
trans-1,4-Dichloro-2-butene
Concen: 60.311 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.0	88.0	132.0
89	44.3	35.3	52.9

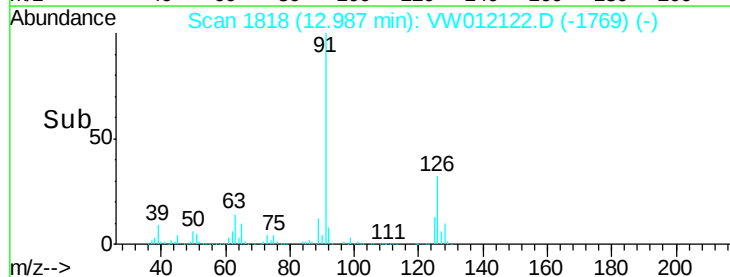
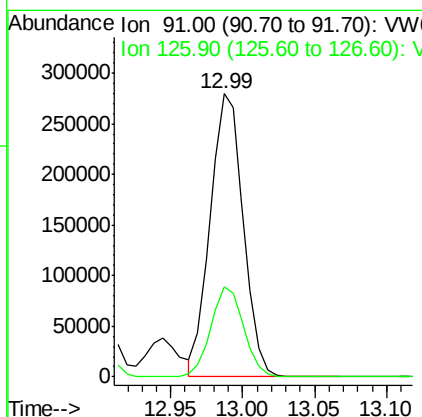
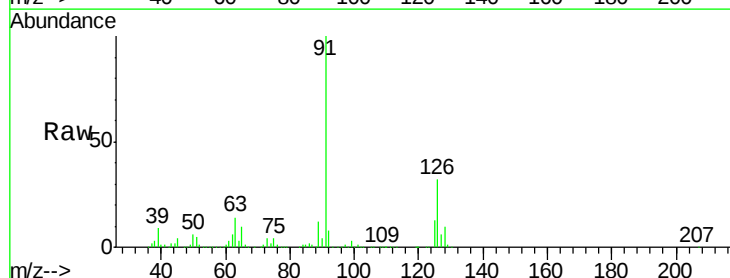
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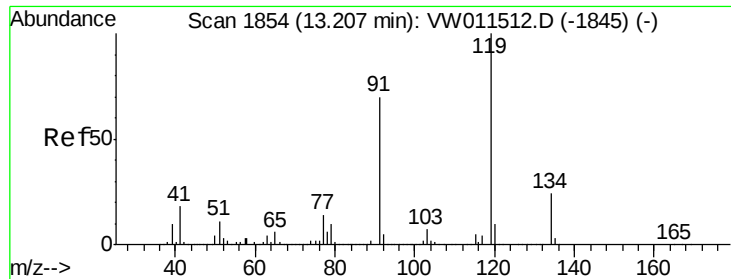
MMDadoda
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#82
4-Chlorotoluene
Concen: 56.541 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.6	46.8





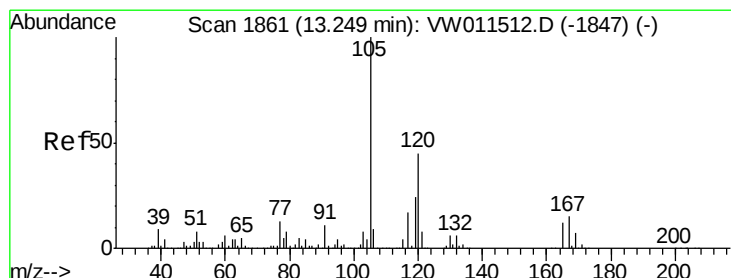
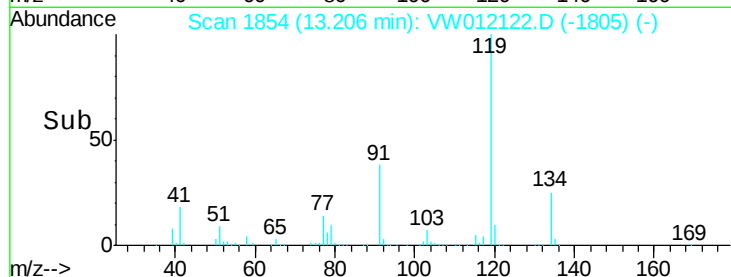
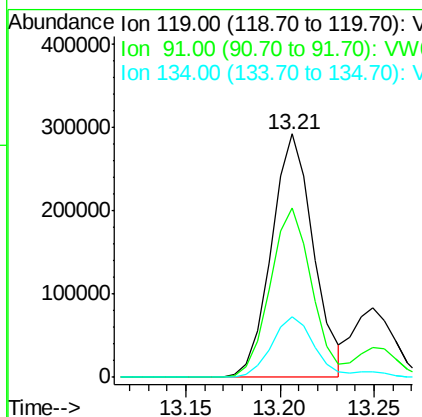
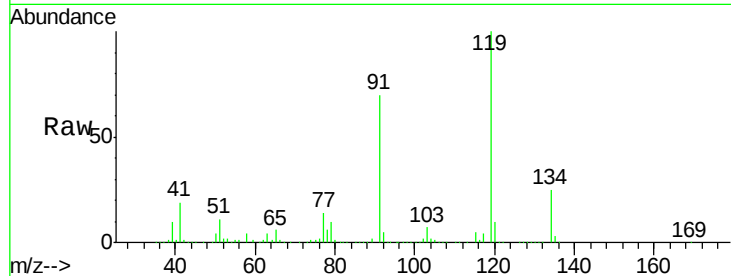
#83
 tert-Butylbenzene
 Concen: 59.929 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	34.5	103.6
134	25.1	12.4	37.4

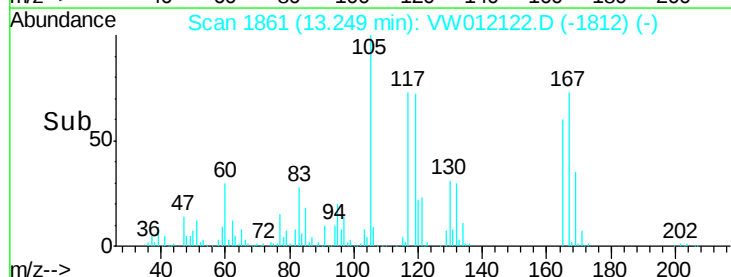
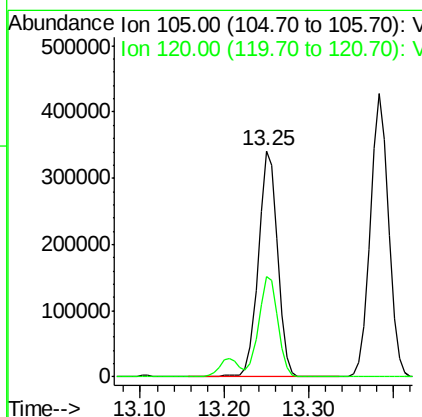
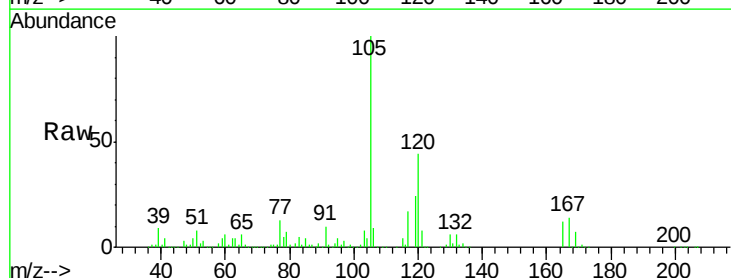
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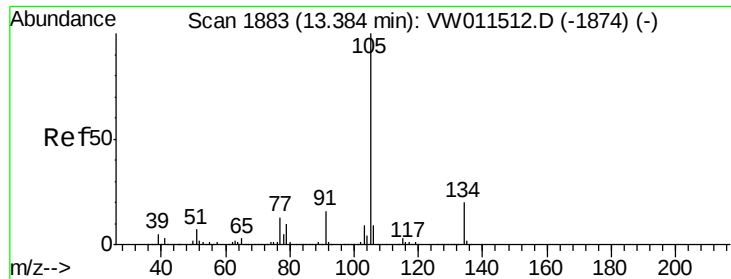
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 8/23/2019 10:49:02 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 58.821 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.5





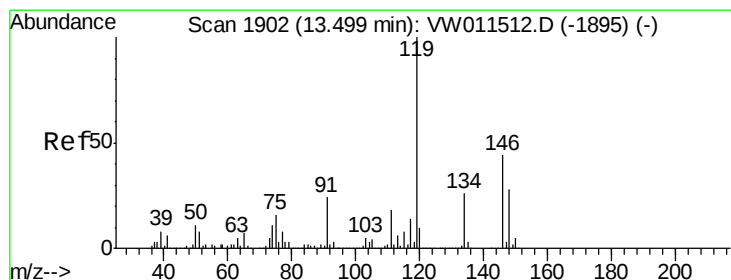
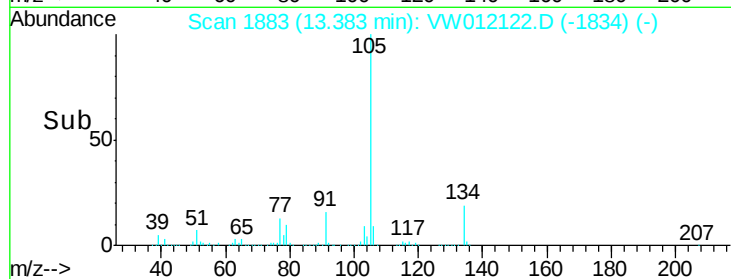
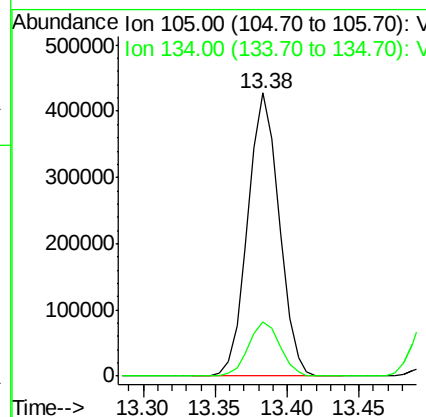
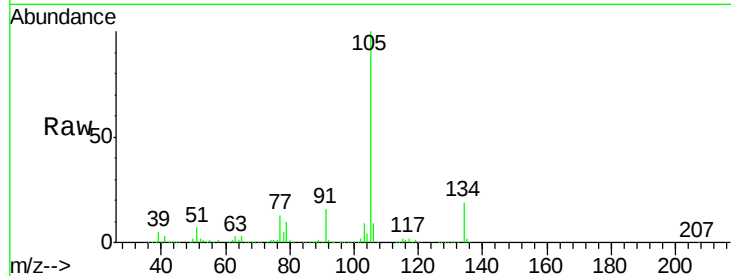
#85
 sec-Butylbenzene
 Concen: 60.132 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1

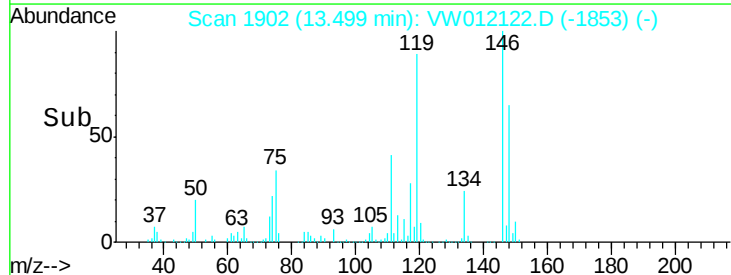
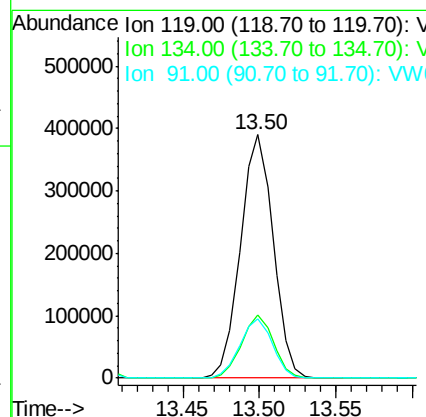
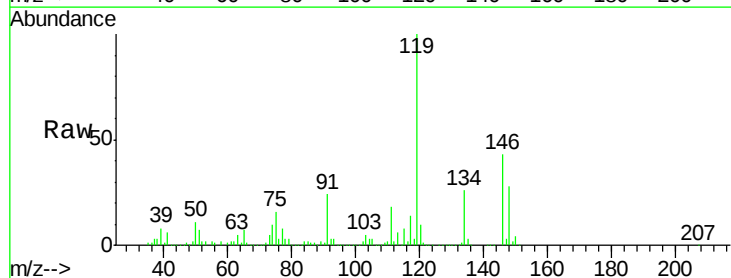
Manual Integrations
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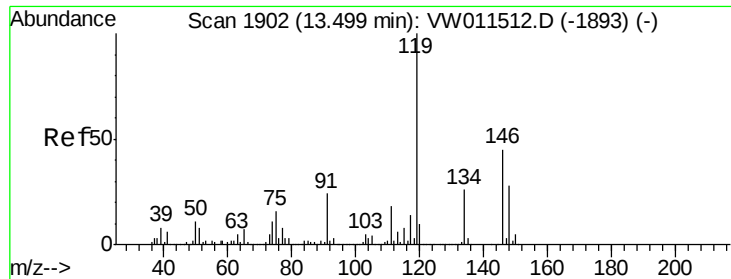
MMDadoda
 8/23/2019 10:49:02 AM



#86
 p-Isopropyltoluene
 Concen: 59.452 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	24.5	12.1	36.3





#87

1,3-Dichlorobenzene

Concen: 57.641 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_W

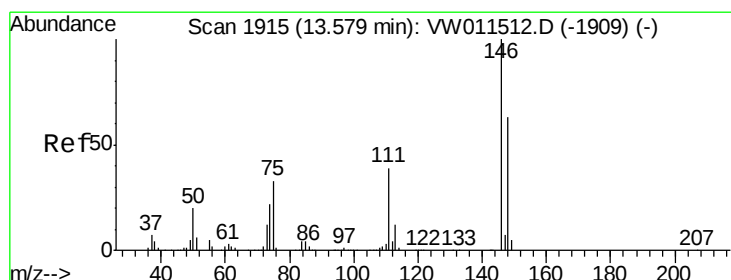
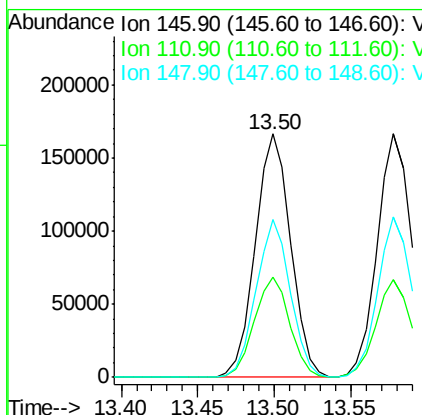
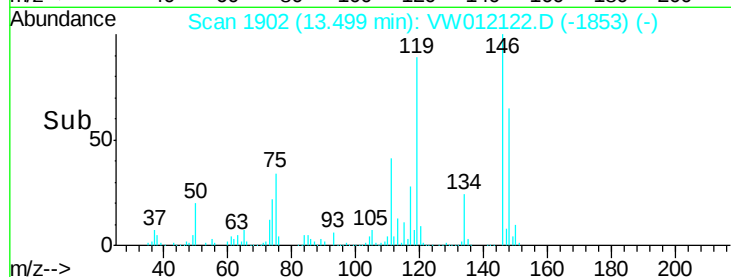
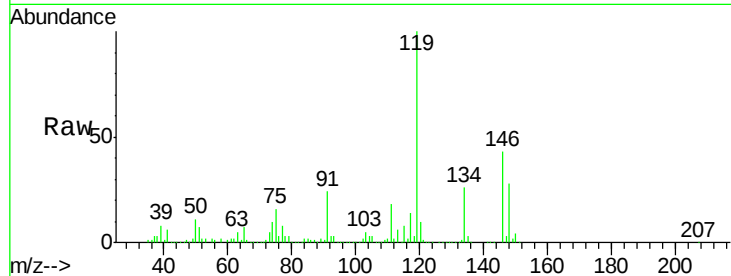
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	267871
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.5	61.6
148	63.1	31.8	95.3

Manual Integrations
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8/23/2019 10:49:02 AM



#88

1,4-Dichlorobenzene

Concen: 56.492 ug/l

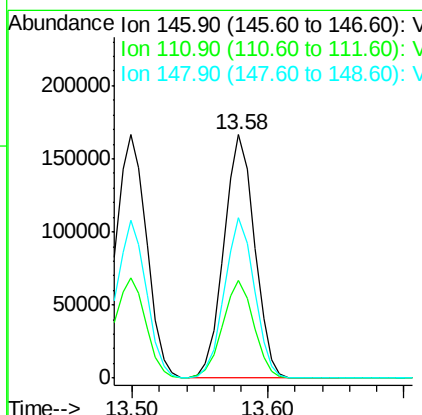
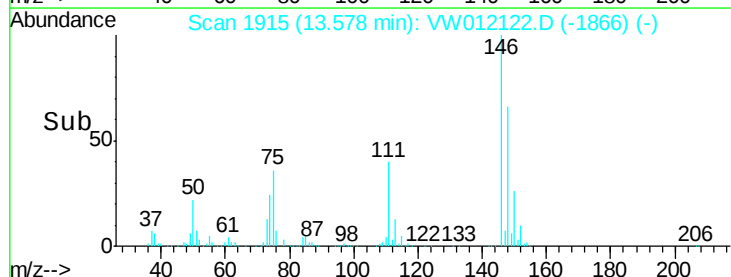
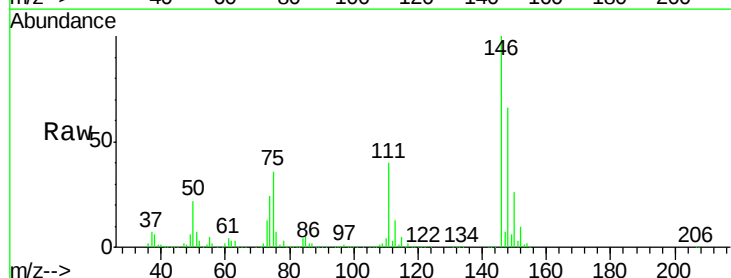
RT: 13.58 min Scan# 1915

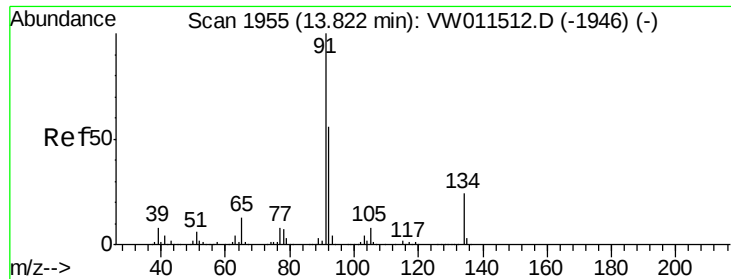
Delta R.T. -0.00 min

Lab File: VW012122.D

Acq: 22 Aug 2019 20:09

Tgt Ion:	146	Resp:	261159
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.1	60.2
148	64.5	31.9	95.9





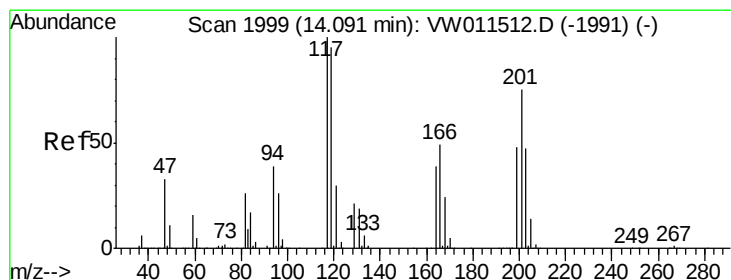
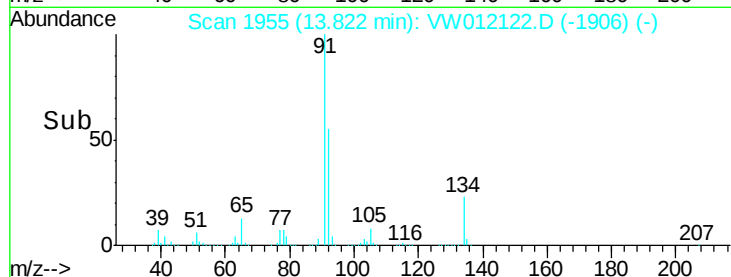
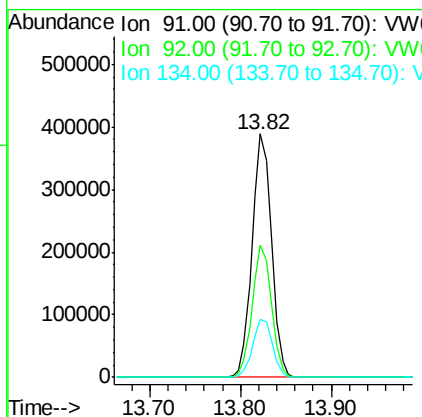
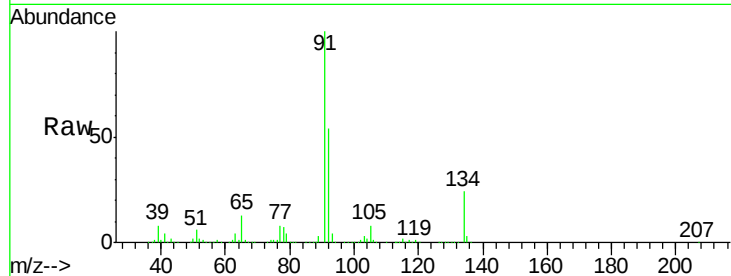
#89
n-Butylbenzene
Concen: 59.542 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.7		27.5	82.4
134	24.4		12.2	36.6

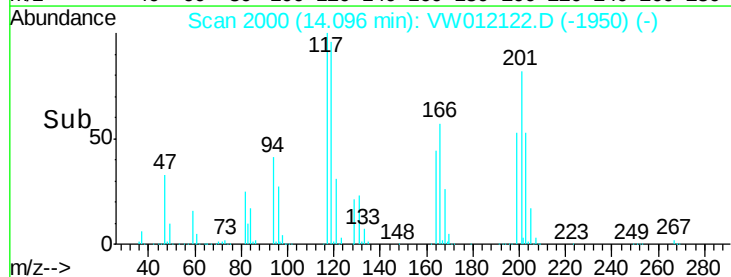
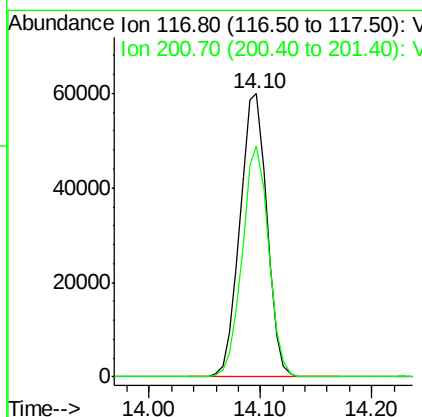
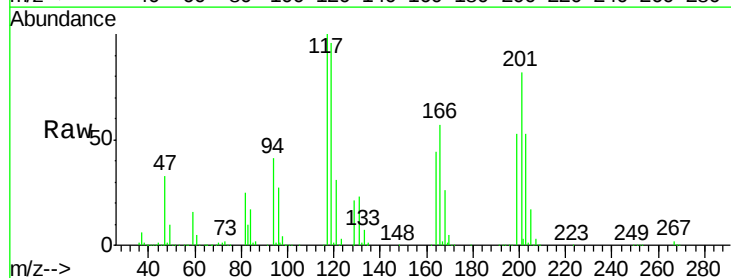
Manual Integrations
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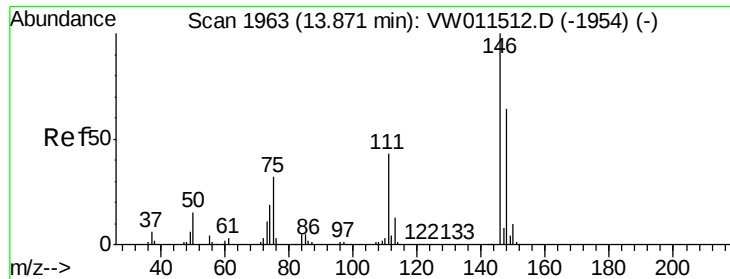
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8/23/2019 10:49:02 AM



#90
Hexachloroethane
Concen: 58.585 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	79.5		39.4	118.2





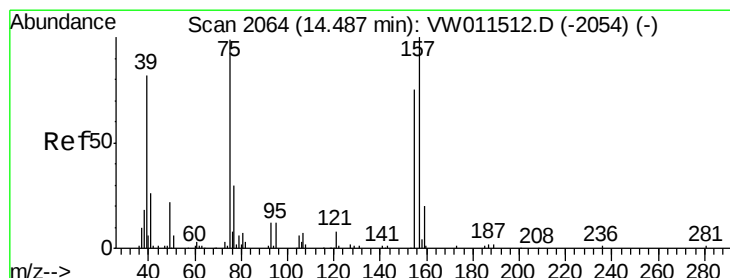
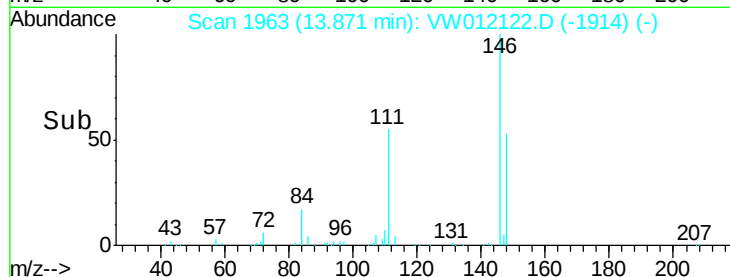
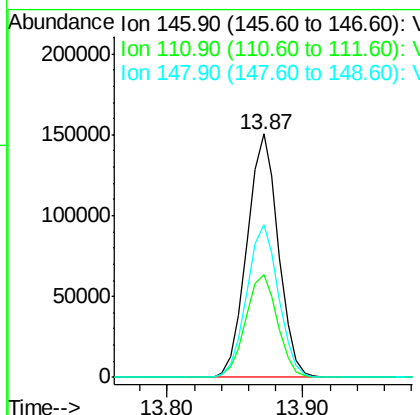
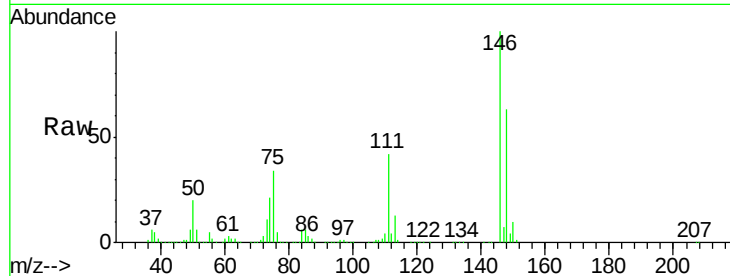
#91
 1,2-Dichlorobenzene
 Concen: 59.115 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	65.0
148	63.4	32.0	96.2

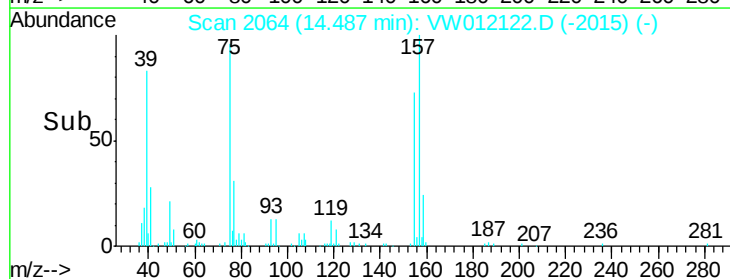
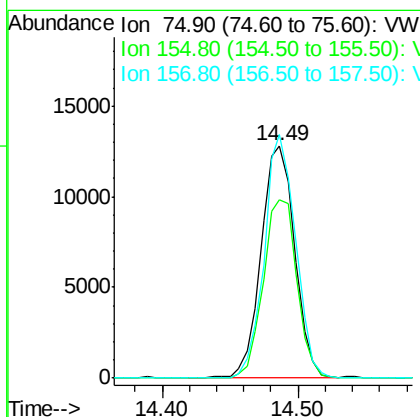
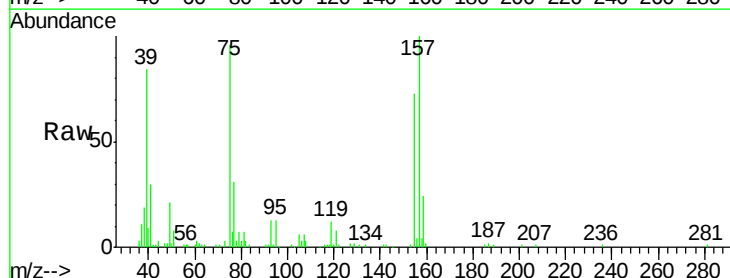
Manual Integrations
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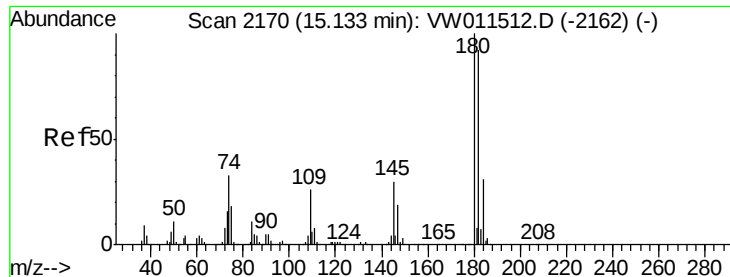
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.719 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.8	38.2	114.6
157	97.2	48.9	146.7





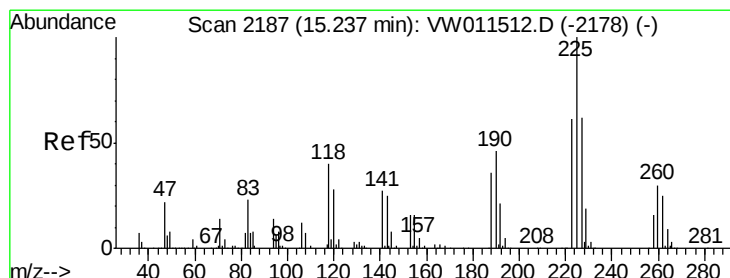
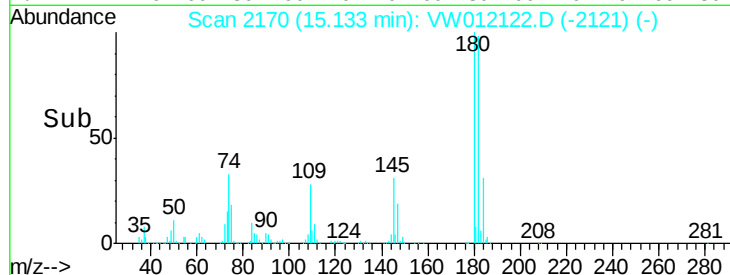
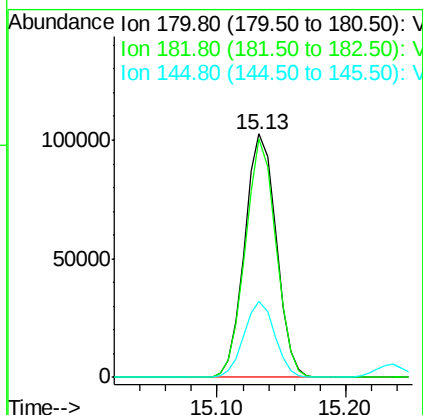
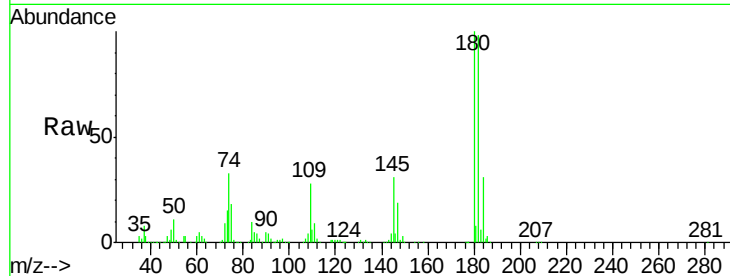
#93
 1,2,4-Trichlorobenzene
 Concen: 59.769 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	173139		
182	95.1	47.4	142.2	
145	30.3	15.4	46.1	

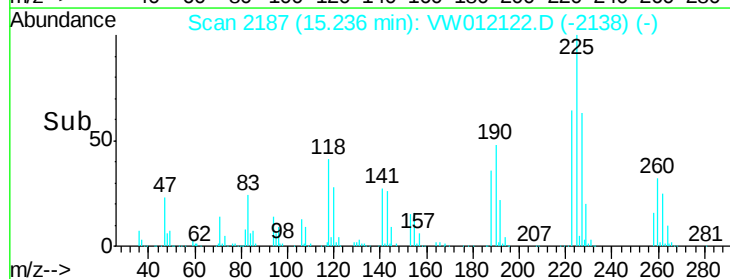
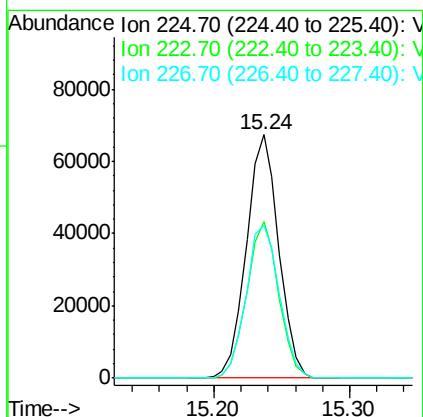
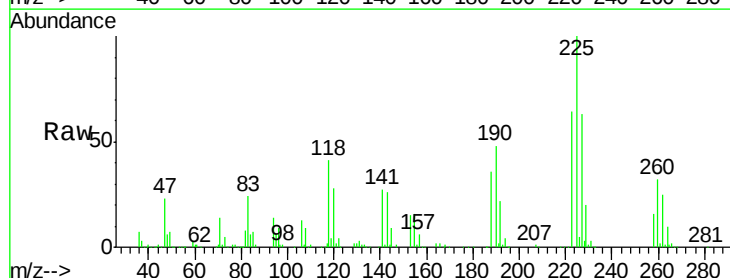
Manual Integrations
 APPROVED

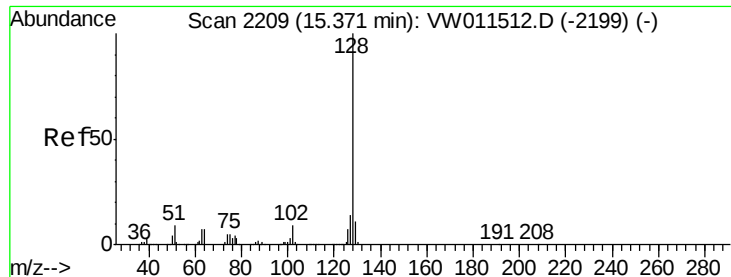
MMDadoda
 8/23/2019 10:49:02 AM



#94
 Hexachlorobutadiene
 Concen: 62.025 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012122.D
 Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112048		
223	63.6	30.8	92.3	
227	64.8	31.6	94.7	





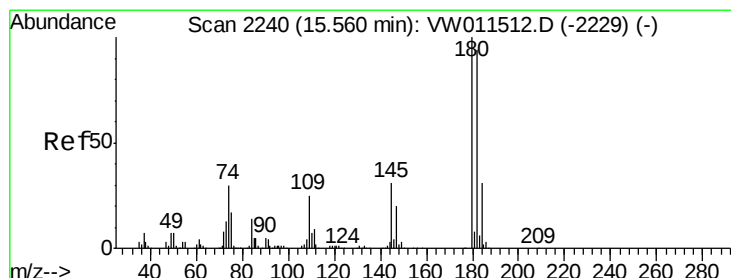
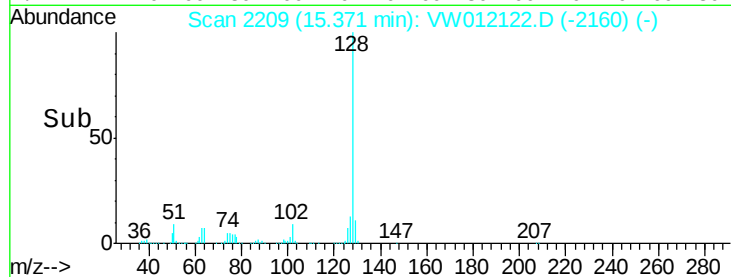
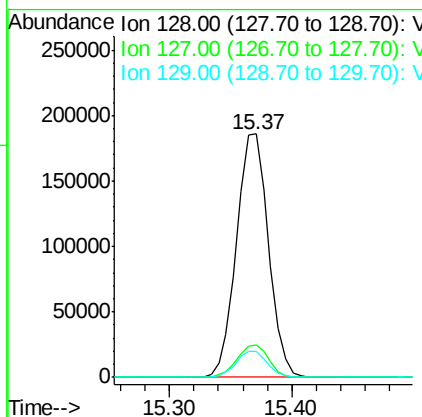
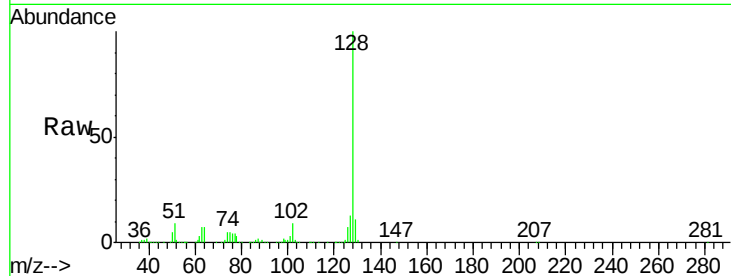
#95
Naphthalene
Concen: 58.992 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/23/2019 10:49:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 59.759 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012122.D
Acq: 22 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	32.4	15.9	47.7

