

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012290.D
 Acq On : 29 Aug 2019 08:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 9:41:19 AM

Quant Time: Aug 29 08:52:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134619	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	7.88	113	105838	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.32	98	425737	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.62	95	161918	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57977	46.284	ug/l	98
3) Chloromethane	2.21	50	96795	49.876	ug/l	99
4) Vinyl Chloride	2.36	62	120060	50.544	ug/l	99
5) Bromomethane	2.73	94	59566	49.515	ug/l	97
6) Chloroethane	2.90	64	71957	53.700	ug/l	99
7) Trichlorofluoromethane	3.25	101	65480	54.899	ug/l	98
8) Diethyl Ether	3.67	74	65136	57.534	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109632	54.075	ug/l	98
10) Methyl Iodide	4.26	142	154125	56.186	ug/l	99
11) Tert butyl alcohol	5.15	59	50612	347.761	ug/l	100
12) 1,1-Dichloroethene	4.03	96	108956	53.395	ug/l	100
13) Acrolein	3.89	56	30792	224.764	ug/l	97
14) Allyl chloride	4.66	41	239332	54.862	ug/l	98
15) Acrylonitrile	5.36	53	188363	335.672	ug/l	100
16) Acetone	4.11	43	157718	255.129	ug/l	98
17) Carbon Disulfide	4.38	76	310319	50.319	ug/l	100
18) Methyl Acetate	4.66	43	104639	68.340	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	201044	60.924	ug/l	99
20) Methylene Chloride	4.91	84	123145	52.694	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	117359	53.632	ug/l	99
22) Diisopropyl ether	6.31	45	460434	56.941	ug/l	96
23) Vinyl Acetate	6.25	43	1472868	295.971	ug/l	99
24) 1,1-Dichloroethane	6.21	63	239535	54.405	ug/l	99
25) 2-Butanone	7.17	43	267576	318.525	ug/l	98
26) 2,2-Dichloropropane	7.17	77	116874	46.899	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	131834	56.390	ug/l	98
28) Bromochloromethane	7.51	49	103202	53.780	ug/l	97
29) Tetrahydrofuran	7.52	42	177185	351.562	ug/l	99
30) Chloroform	7.67	83	219546	54.503	ug/l	98
31) Cyclohexane	7.95	56	230104	52.825	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	176917	55.520	ug/l	99
36) 1,1-Dichloropropene	8.08	75	183651	52.337	ug/l	100
37) Ethyl Acetate	7.24	43	118563	61.659	ug/l	99
38) Carbon Tetrachloride	8.07	117	158623	52.228	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	216592	54.943	ug/l	99
40) Benzene	8.32	78	507539	52.970	ug/l	99
41) Methacrylonitrile	7.48	41	75398	66.715	ug/l	96
42) 1,2-Dichloroethane	8.40	62	164147	54.662	ug/l	99
43) Isopropyl Acetate	8.42	43	222836	62.563	ug/l	99
44) Trichloroethene	9.09	130	122590	52.631	ug/l	100
45) 1,2-Dichloropropane	9.37	63	137855	53.459	ug/l	98
46) Dibromomethane	9.46	93	64896	56.562	ug/l	98
47) Bromodichloromethane	9.64	83	161843	53.001	ug/l	98
48) Methyl methacrylate	9.43	41	107821	63.602	ug/l	99
49) 1,4-Dioxane	9.45	88	22176	1262.550	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	585906	323.413	ug/l	99
52) Toluene	10.38	92	306476	53.244	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	168226	54.085	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	196463	52.311	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	92521	56.995	ug/l	97
56) Ethyl methacrylate	10.65	69	149717	63.369	ug/l	99
57) 1,3-Dichloropropane	10.93	76	174869	57.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	381237	314.410	ug/l	100
59) 2-Hexanone	10.97	43	400453	312.403	ug/l	99
60) Dibromochloromethane	11.13	129	134868	74.590	ug/l	81
61) 1,2-Dibromoethane	11.23	107	89531	59.200	ug/l	98
64) Tetrachloroethene	10.86	164	109800	57.423	ug/l	98
65) Chlorobenzene	11.66	112	300565	51.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	107340	52.982	ug/l	99
67) Ethyl Benzene	11.73	91	585879	52.371	ug/l	100
68) m/p-Xylenes	11.84	106	421267	104.541	ug/l	99
69) o-Xylene	12.16	106	199373	53.457	ug/l	99
70) Styrene	12.18	104	348133	53.928	ug/l	99
71) Bromoform	12.35	173	62111	61.533	ug/l #	94
73) Isopropylbenzene	12.46	105	561443	56.077	ug/l	99
74) N-amyl acetate	12.27	43	200634	66.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	117166	63.834	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	77898m	59.861	ug/l	
77) Bromobenzene	12.74	156	125957	58.152	ug/l	95
78) n-propylbenzene	12.80	91	661966	54.159	ug/l	99
79) 2-Chlorotoluene	12.89	91	377218	54.360	ug/l	84
80) 1,3,5-Trimethylbenzene	12.94	105	458111	54.759	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38099	64.192	ug/l #	86
82) 4-Chlorotoluene	12.99	91	382746	52.677	ug/l	99
83) tert-Butylbenzene	13.21	119	414476	58.487	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	452863	53.888	ug/l	100
85) sec-Butylbenzene	13.38	105	558152	54.975	ug/l	100
86) p-Isopropyltoluene	13.50	119	502766	55.449	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	220602	52.071	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	219330	52.139	ug/l	99
89) n-Butylbenzene	13.82	91	465711	51.650	ug/l	99
90) Hexachloroethane	14.09	117	86596	54.435	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	204277	54.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20477	66.176	ug/l	99

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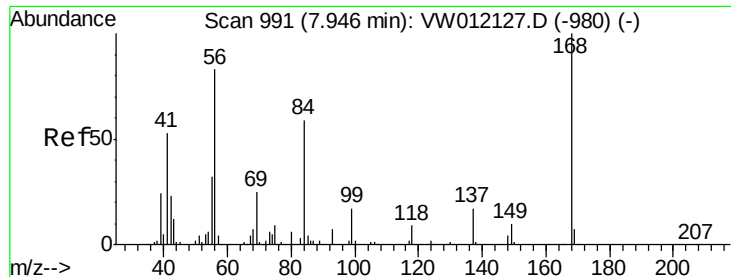
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	138904	54.082	ug/l	99
94) Hexachlorobutadiene	15.24	225	93072	54.881	ug/l	97
95) Naphthalene	15.36	128	322100	62.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	127771	57.019	ug/l	98

(#) = 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: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 203438

Ion Ratio Lower Upper

168 100

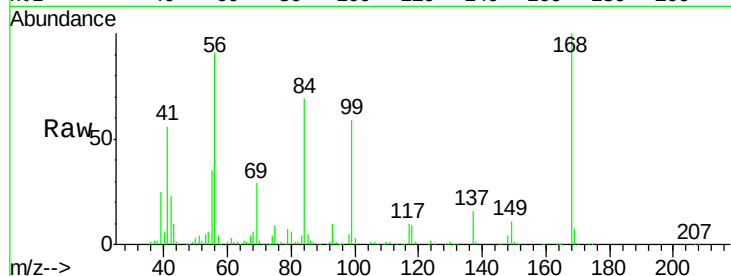
99 58.8 49.2 73.8

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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

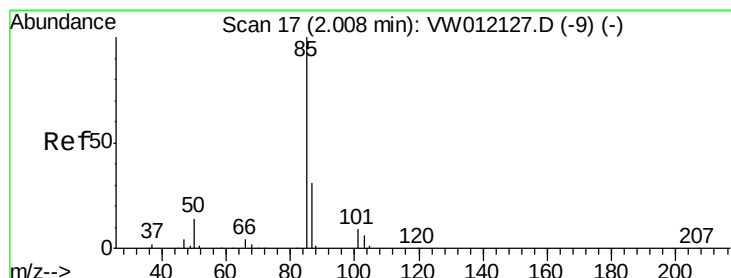
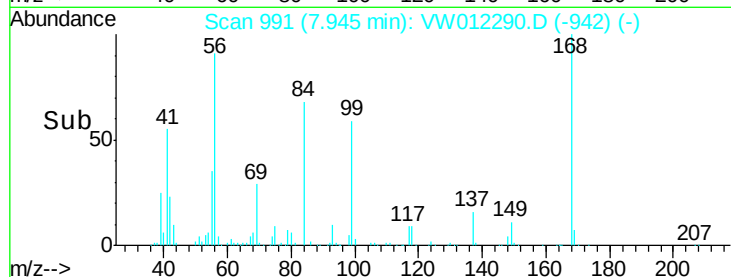
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.284 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012290.D

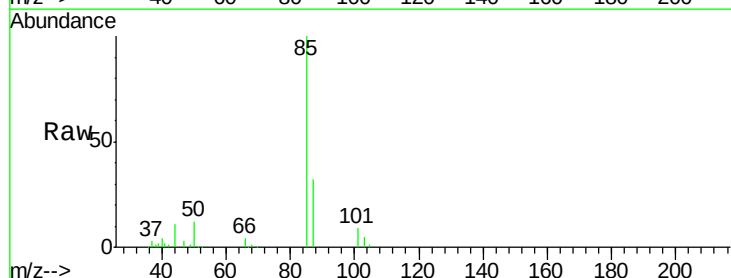
Acq: 29 Aug 2019 08:29

Tgt Ion: 85 Resp: 57977

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



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

0

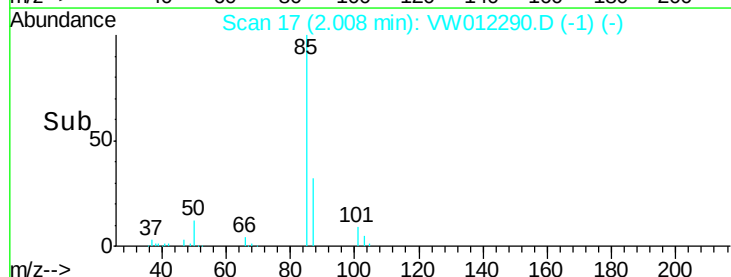
1.90

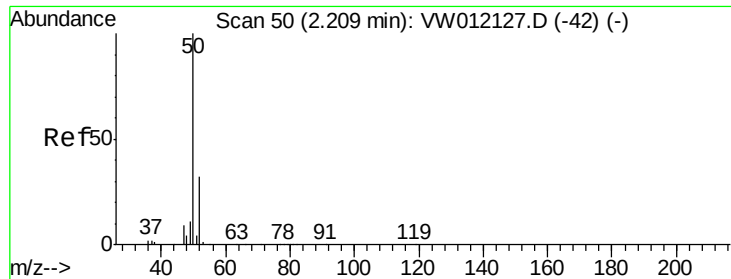
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 49.876 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 96795

Ion Ratio Lower Upper

50 100

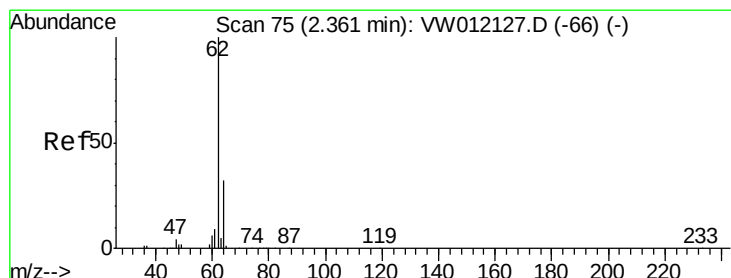
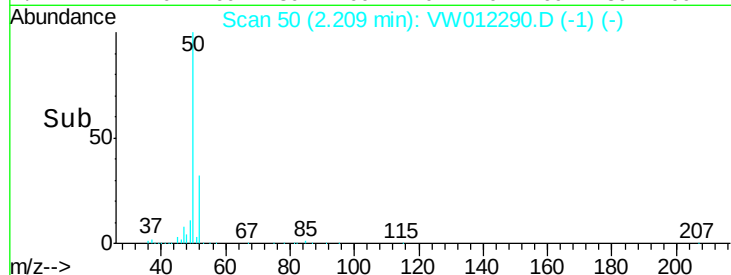
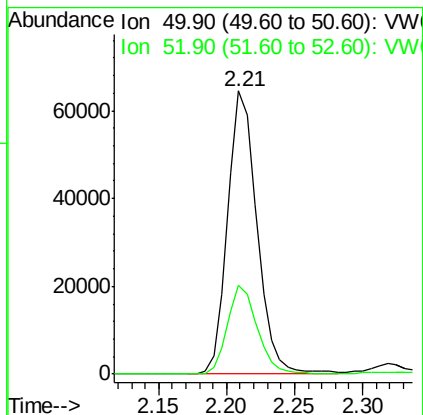
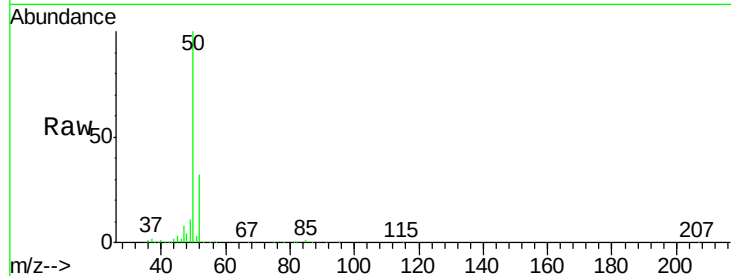
52 31.5 25.5 38.3

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#4

Vinyl Chloride

Concen: 50.544 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012290.D

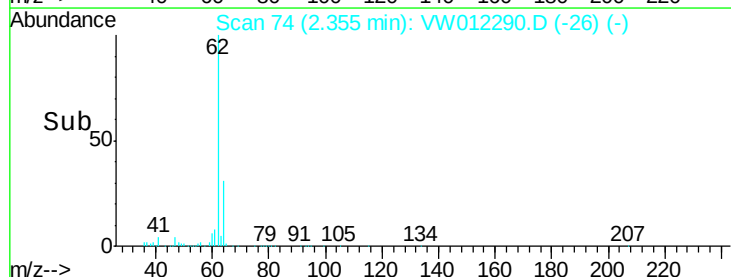
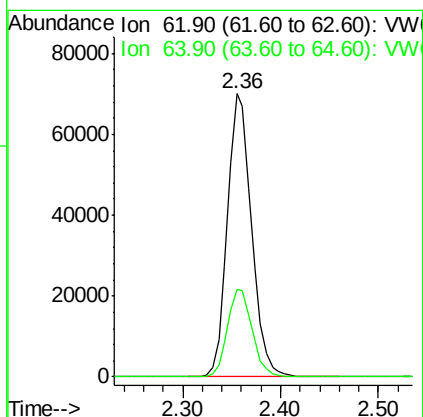
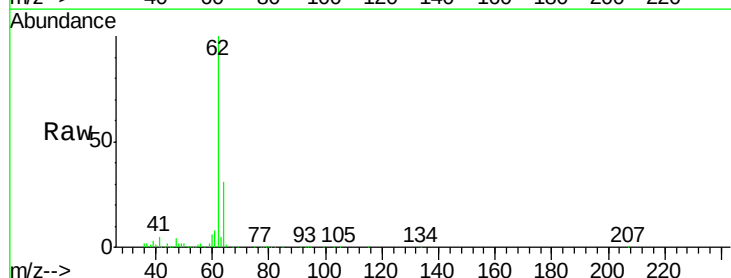
Acq: 29 Aug 2019 08:29

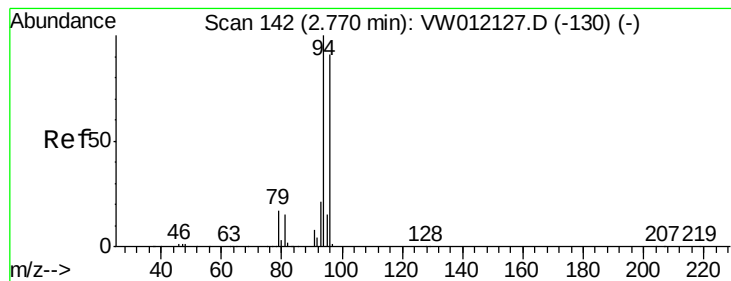
Tgt Ion: 62 Resp: 120060

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 49.515 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59566

Ion Ratio Lower Upper

94 100

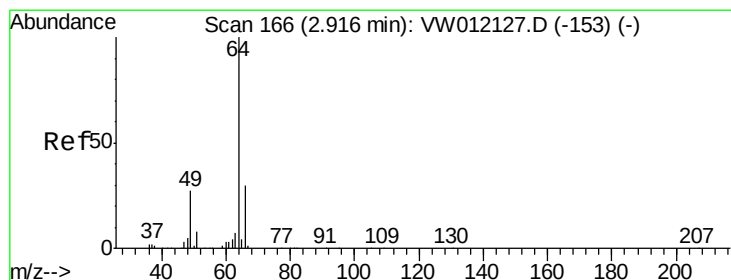
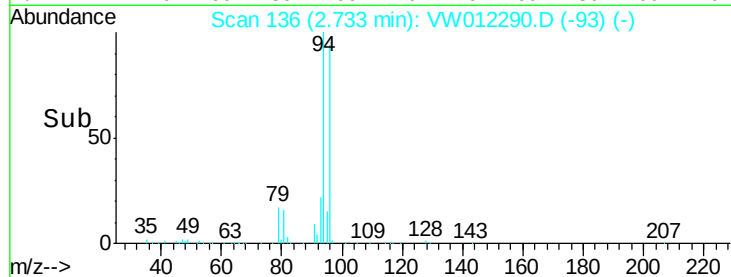
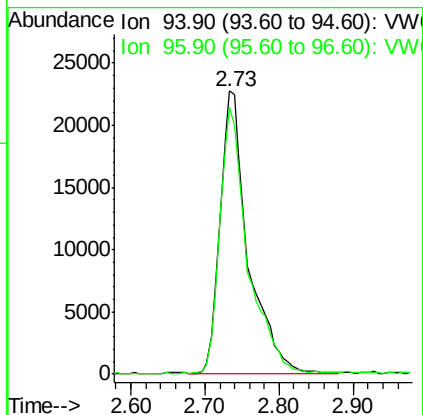
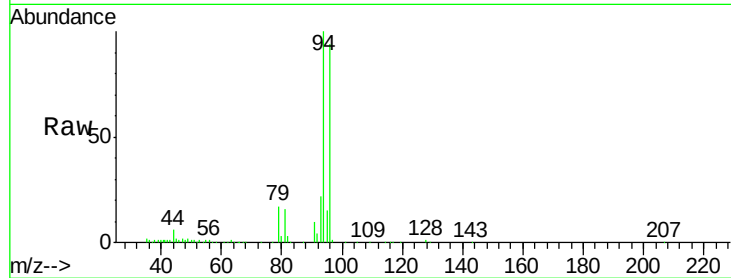
96 94.1 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 53.700 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012290.D

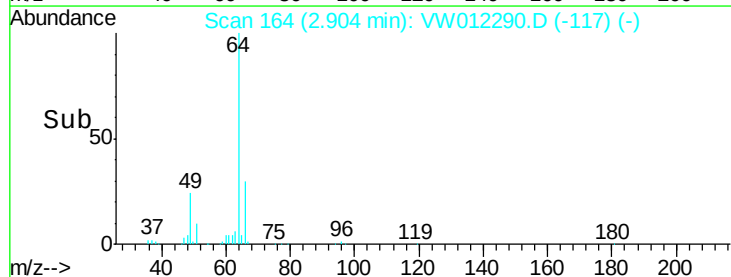
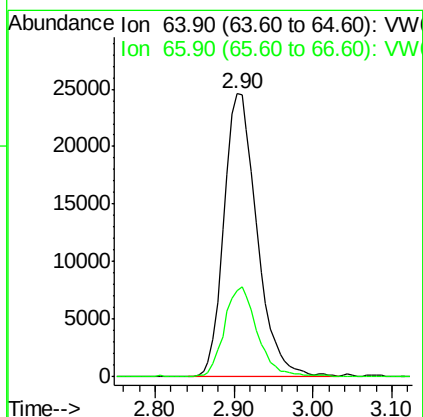
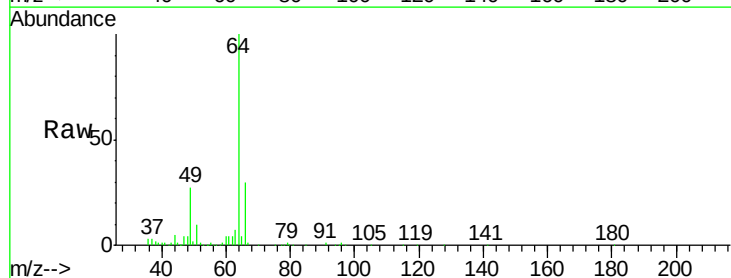
Acq: 29 Aug 2019 08:29

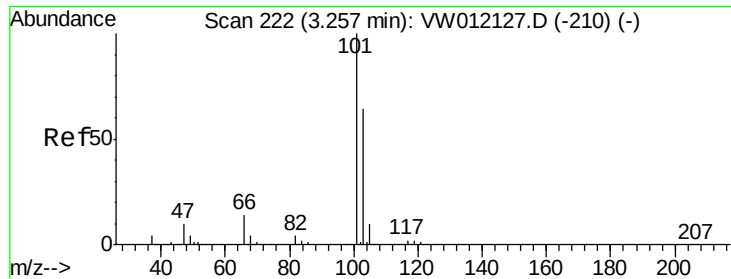
Tgt Ion: 64 Resp: 71957

Ion Ratio Lower Upper

64 100

66 30.4 23.8 35.8





#7

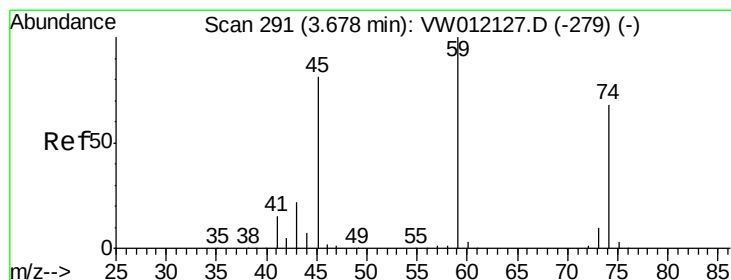
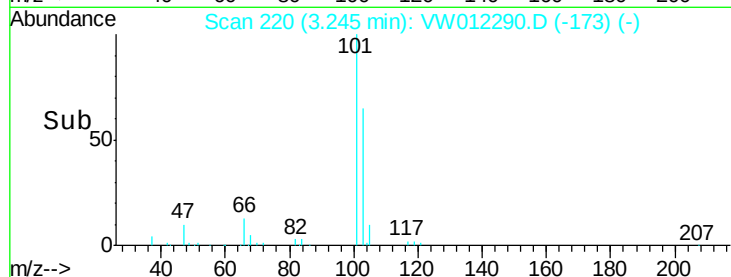
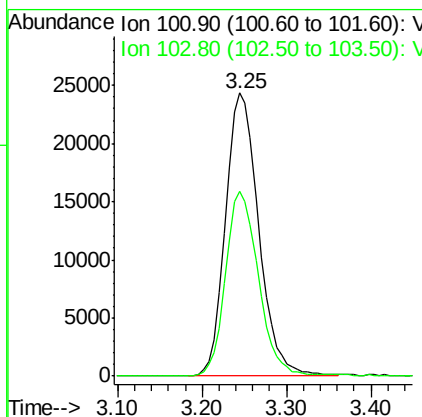
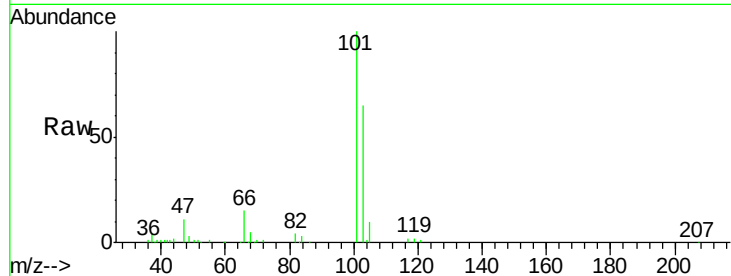
Trichlorofluoromethane
 Concen: 54.899 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.2	76.8

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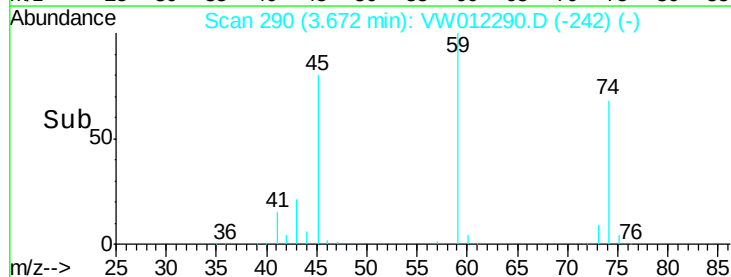
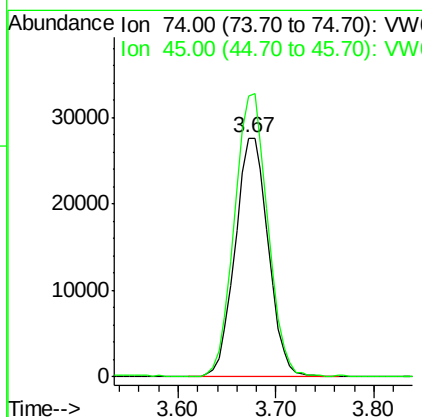
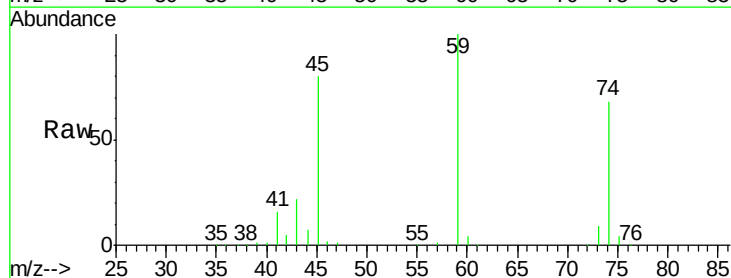
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 8/29/2019 9:41:19 AM

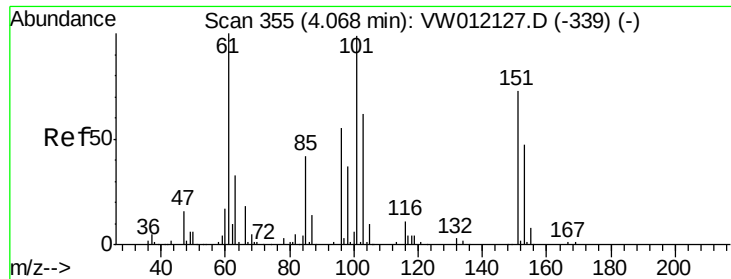


#8

Diethyl Ether
 Concen: 57.534 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.5	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.075 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

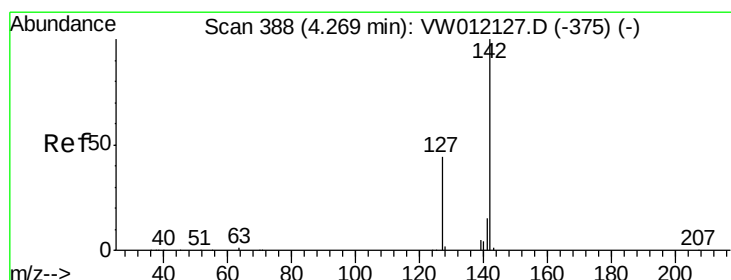
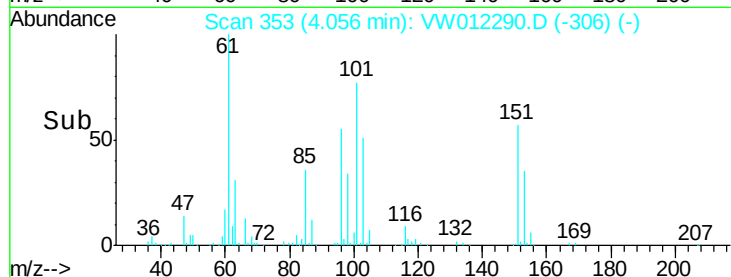
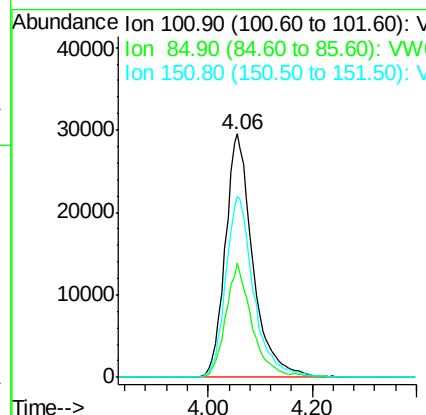
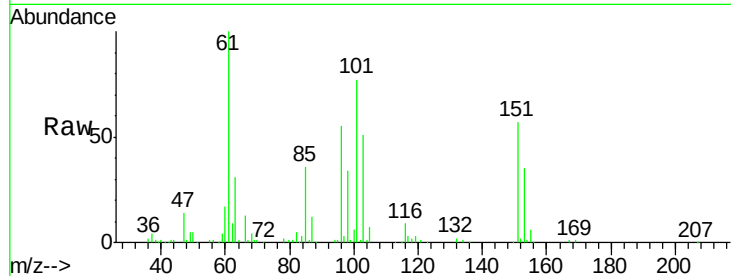
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	109632
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.8	53.6
151	75.4	58.6	87.8

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#10

Methyl Iodide

Concen: 56.186 ug/l

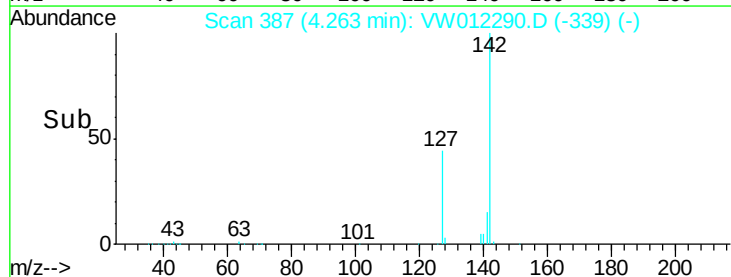
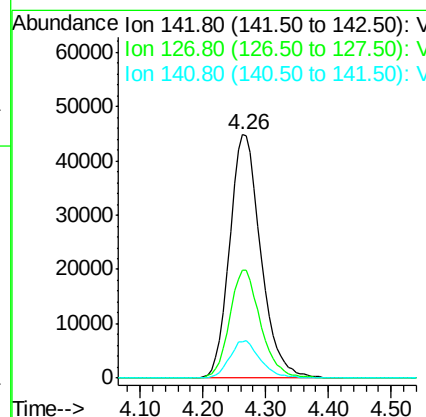
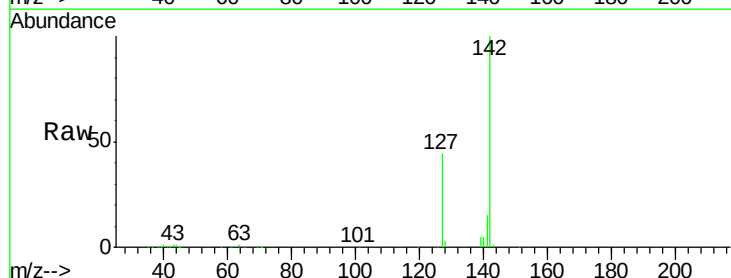
RT: 4.26 min Scan# 387

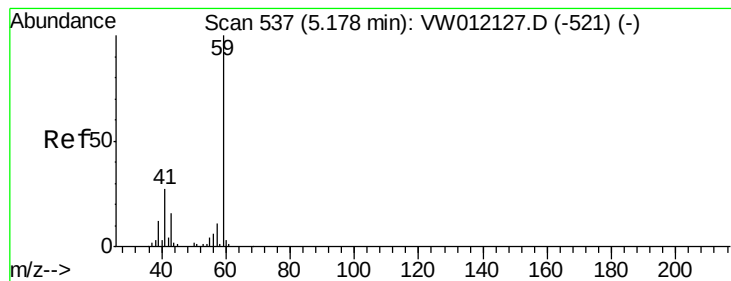
Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Tgt Ion:	142	Resp:	154125
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.5	53.3
141	15.1	11.8	17.8





#11

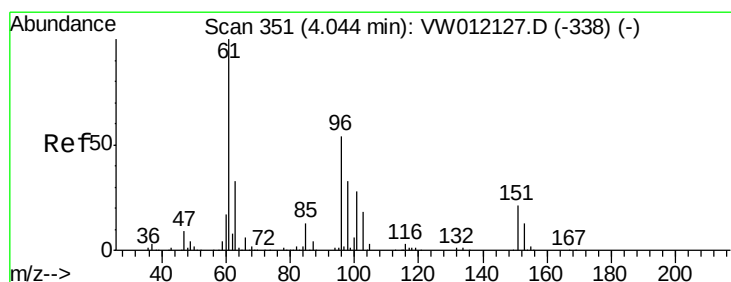
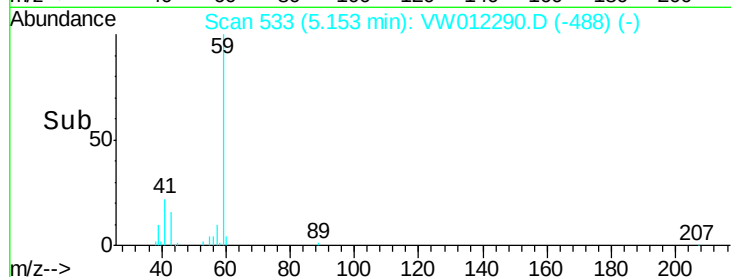
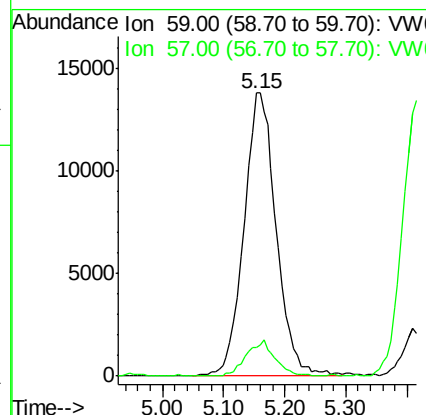
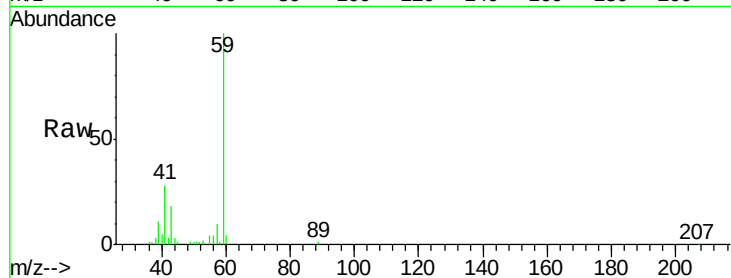
Tert butyl alcohol
Concen: 347.761 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.02 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	9.0	13.4

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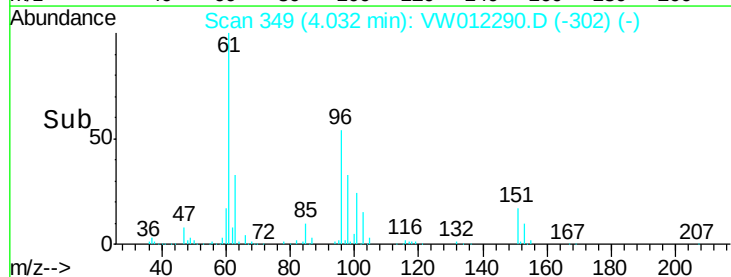
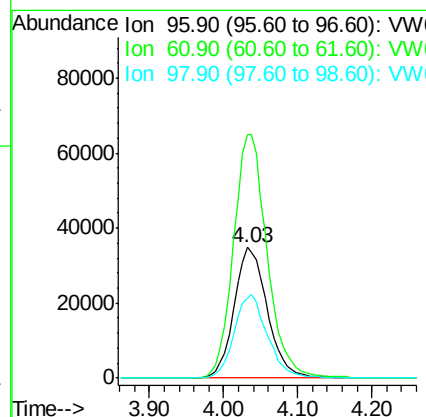
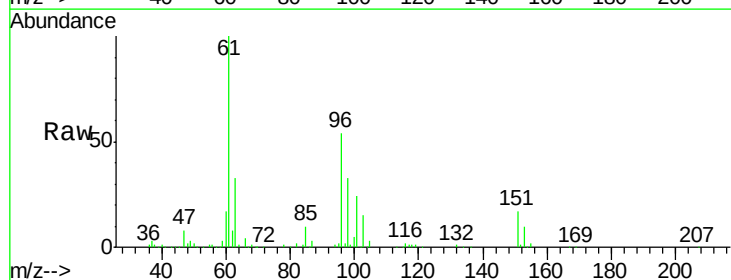
MMDadoda
8/29/2019 9:41:19 AM

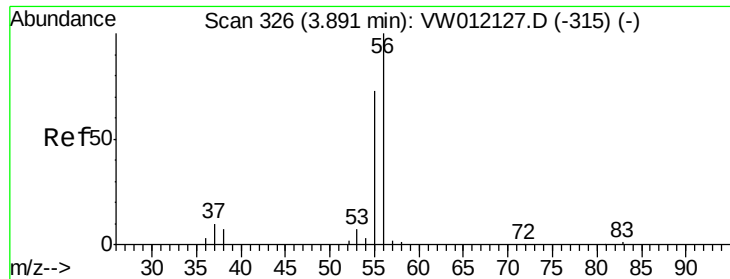


#12

1,1-Dichloroethene
Concen: 53.395 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.6	149.1	223.7
98	60.7	49.4	74.2





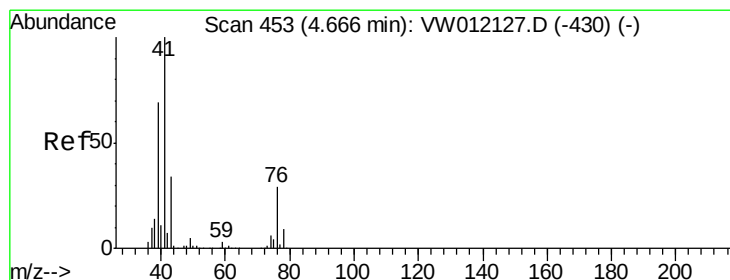
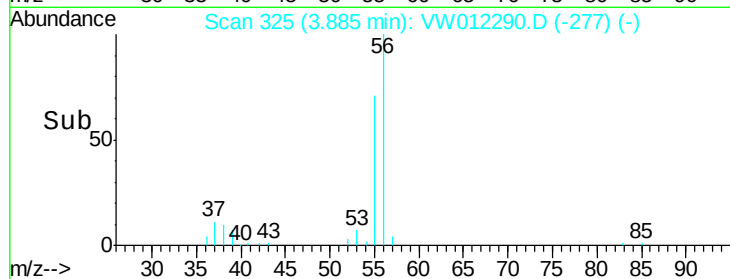
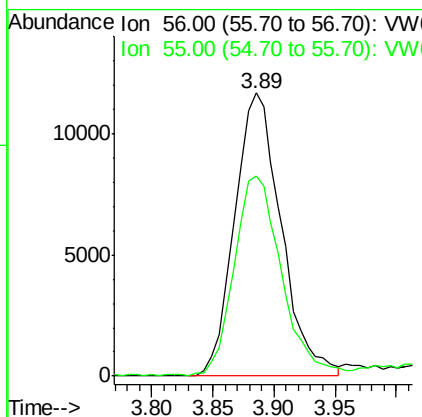
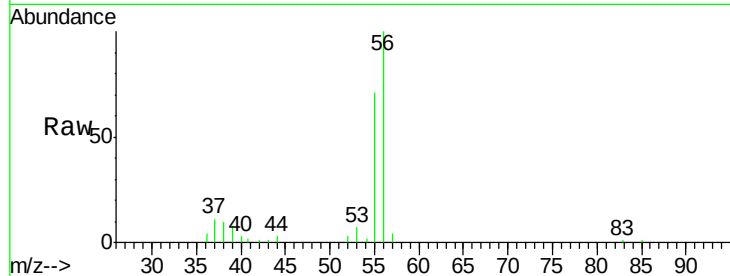
#13
 Acrolein
 Concen: 224.764 ug/l
 RT: 3.89 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	56	Resp	30792
Ion Ratio	100	Lower	Upper
56	100		
55	72.1	55.8	83.8

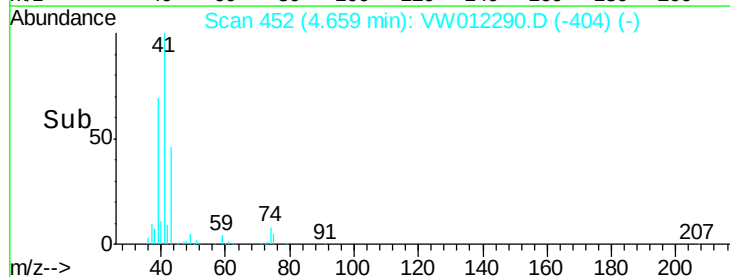
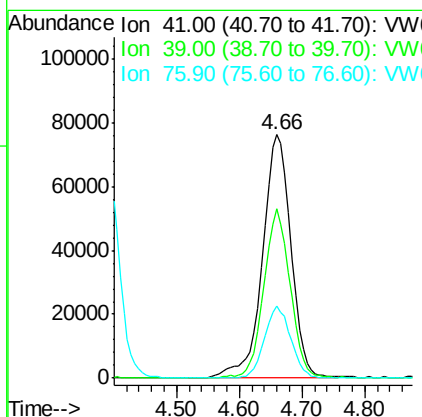
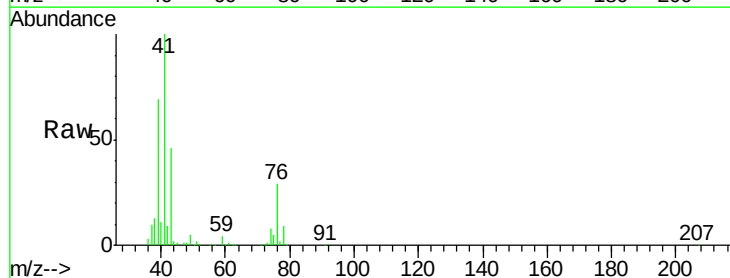
Manual Integrations
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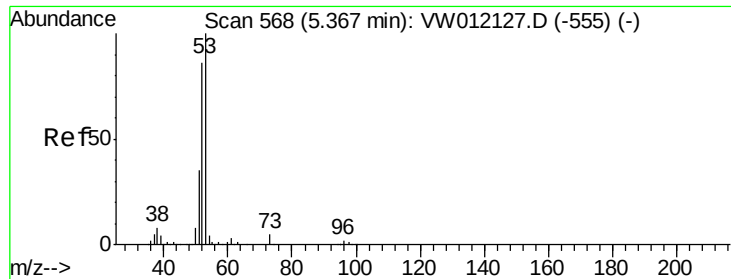
MMDadoda
 8/29/2019 9:41:19 AM



#14
 Allyl chloride
 Concen: 54.862 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion	41	Resp	239332
Ion Ratio	100	Lower	Upper
41	100		
39	64.5	53.4	80.2
76	27.3	22.1	33.1





#15

Acrylonitrile

Concen: 335.672 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

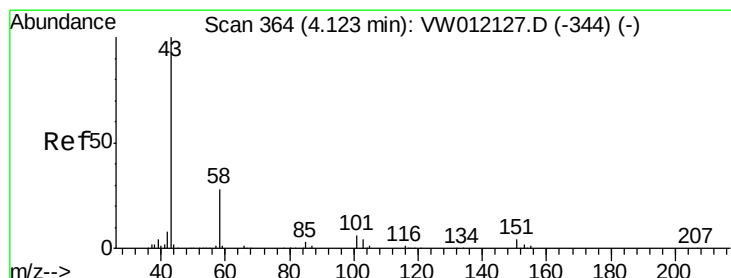
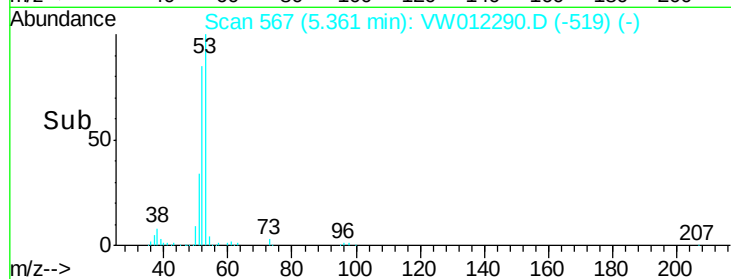
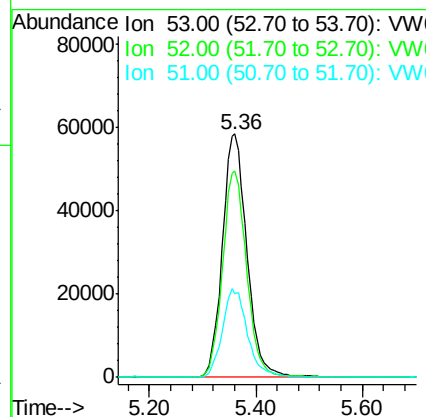
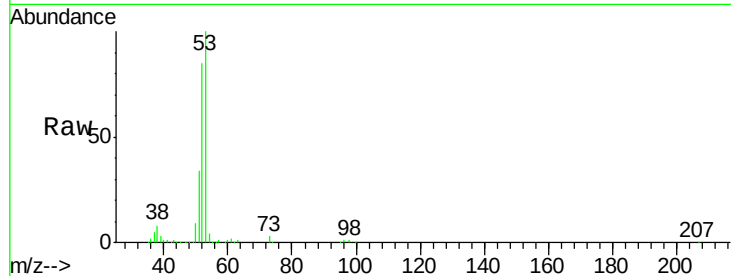
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	188363
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.7	100.1
51	37.2	30.1	45.1

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#16

Acetone

Concen: 255.129 ug/l

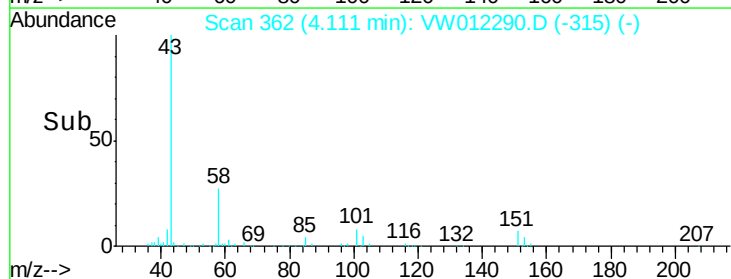
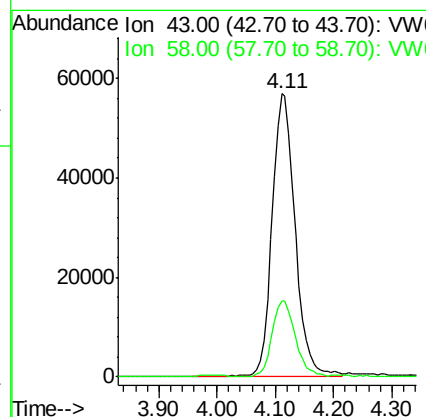
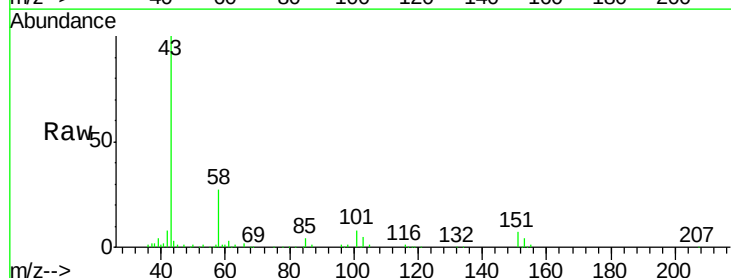
RT: 4.11 min Scan# 362

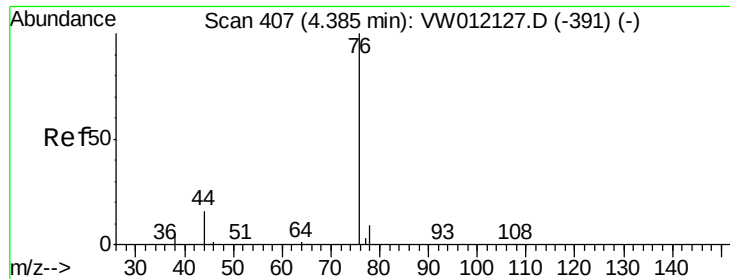
Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Tgt Ion:	43	Resp:	157718
Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.4	33.6





#17

Carbon Disulfide

Concen: 50.319 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 310319

Ion Ratio Lower Upper

76 100

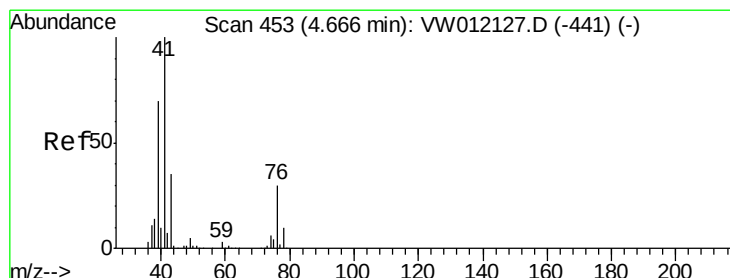
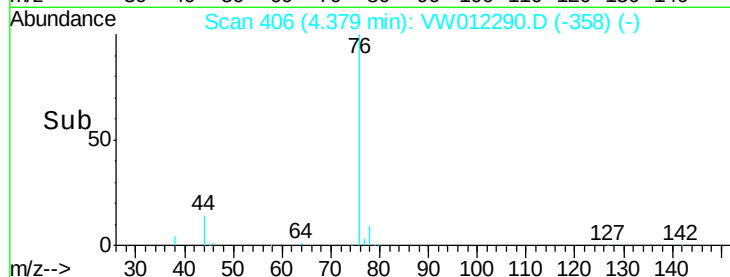
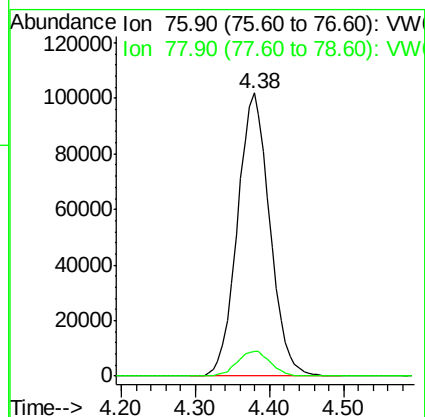
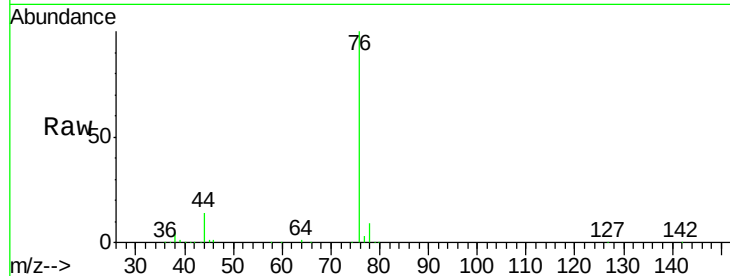
78 8.9 7.3 10.9

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#18

Methyl Acetate

Concen: 68.340 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012290.D

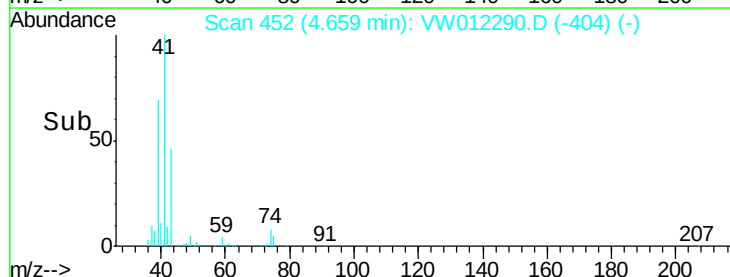
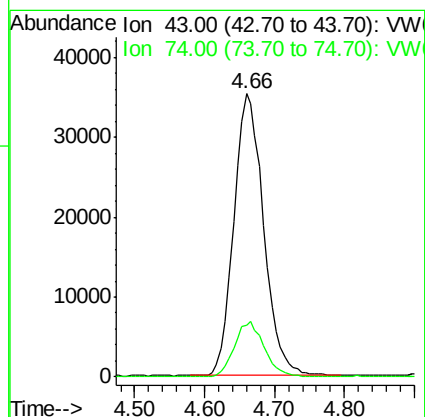
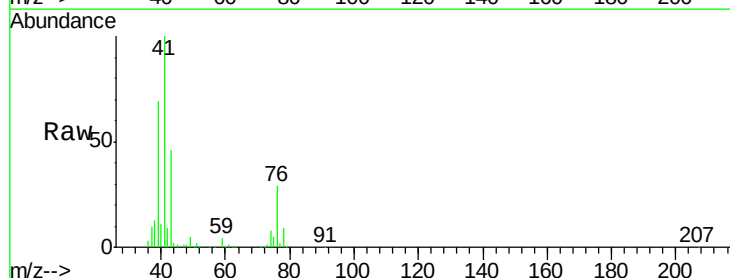
Acq: 29 Aug 2019 08:29

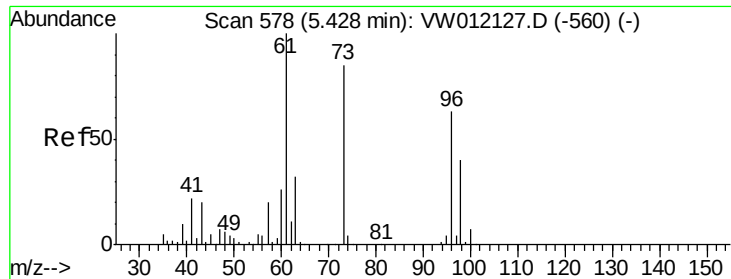
Tgt Ion: 43 Resp: 104639

Ion Ratio Lower Upper

43 100

74 19.6 15.7 23.5





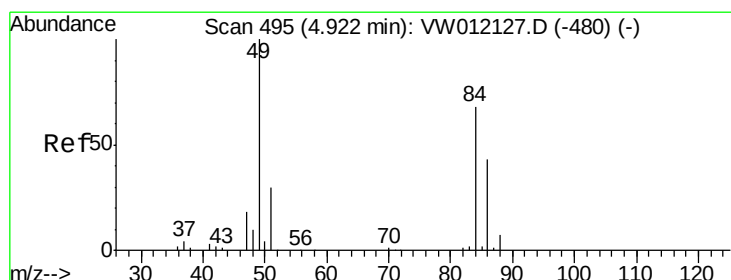
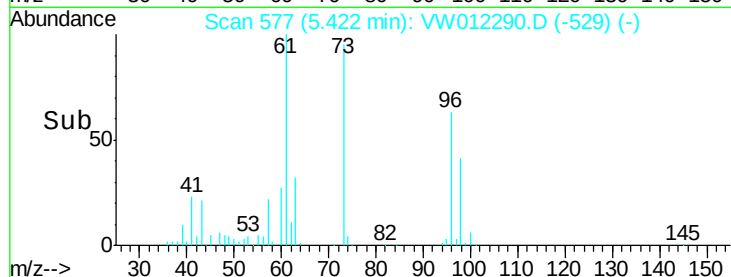
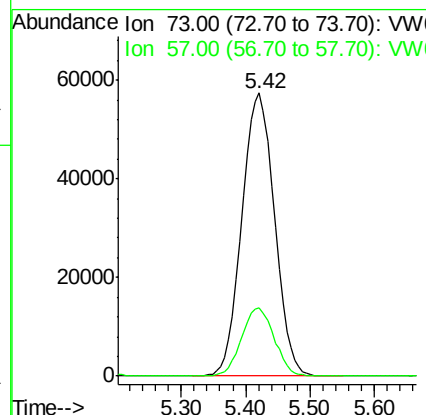
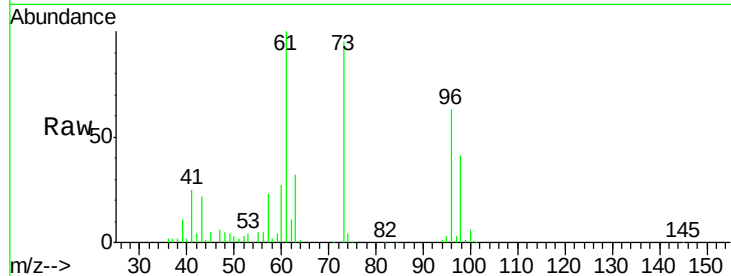
#19
Methyl tert-butyl Ether
Concen: 60.924 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.3	18.9	28.3

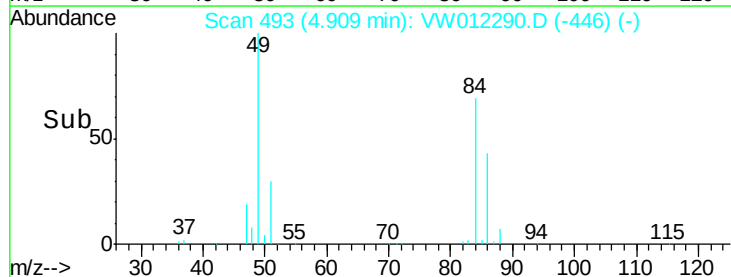
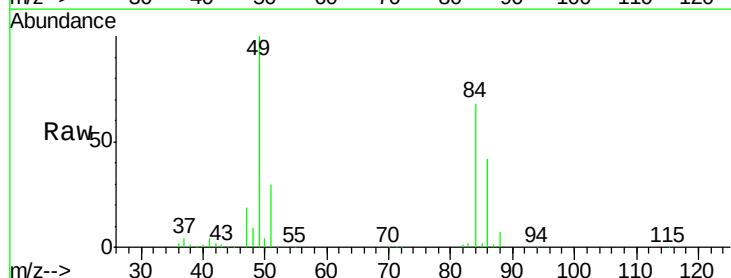
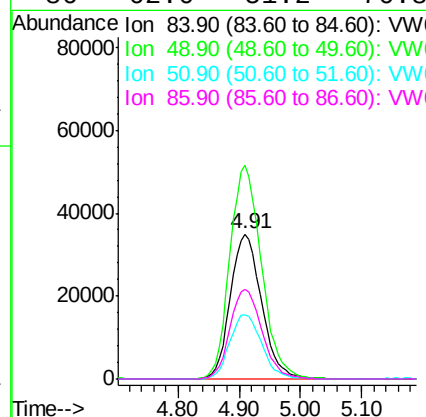
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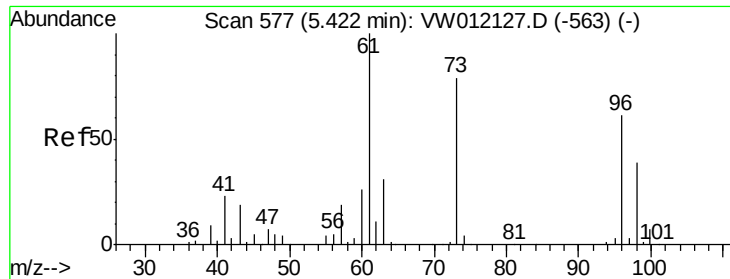
MMDadoda
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#20
Methylene Chloride
Concen: 52.694 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.0	117.8	176.8
51	43.7	35.6	53.4
86	62.0	51.2	76.8





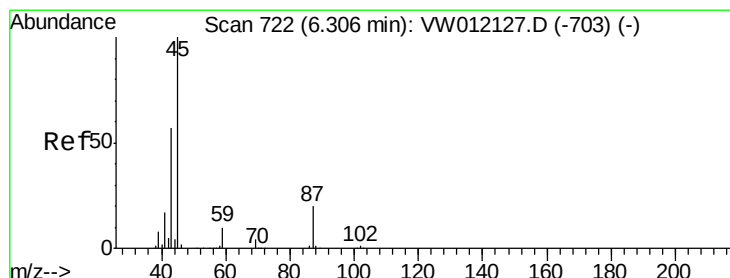
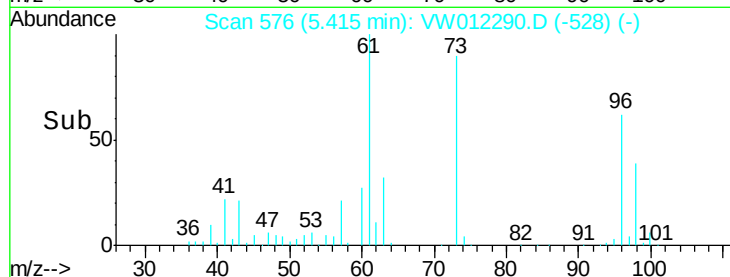
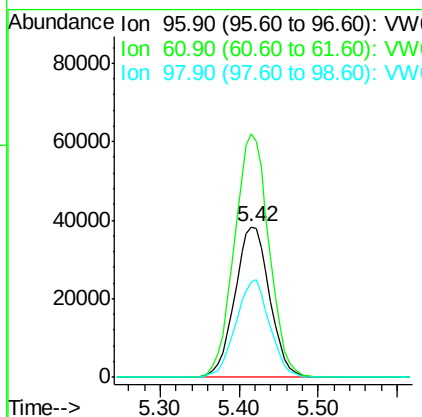
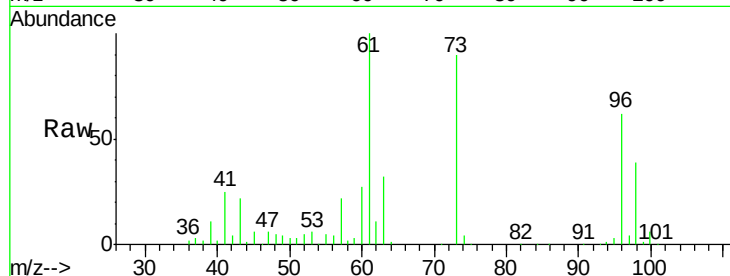
#21
trans-1,2-Dichloroethene
Concen: 53.632 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.1	131.4	197.0
98	63.5	51.4	77.0

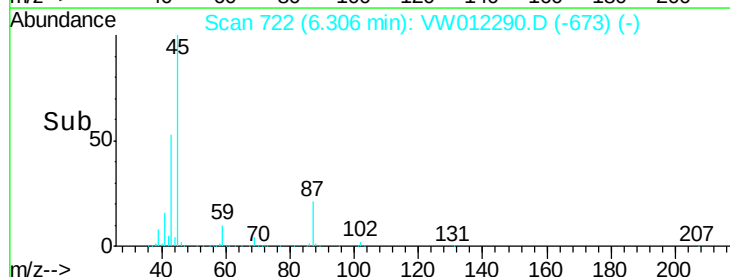
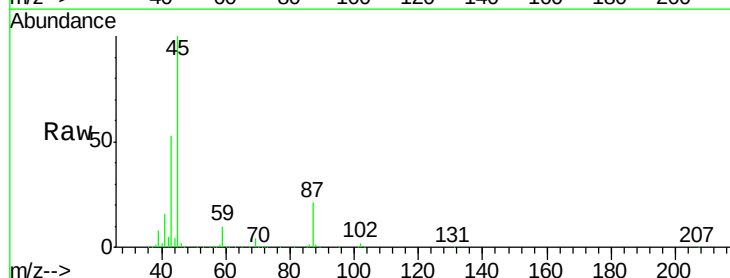
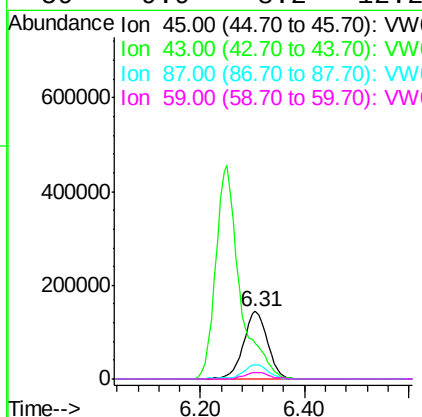
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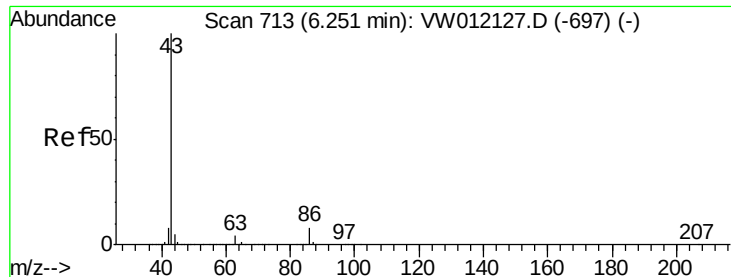
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#22
Diisopropyl ether
Concen: 56.941 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.1	45.5	68.3
87	21.0	16.1	24.1
59	9.9	8.2	12.2





#23

Vinyl Acetate

Concen: 295.971 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1472868

Ion Ratio Lower Upper

43 100

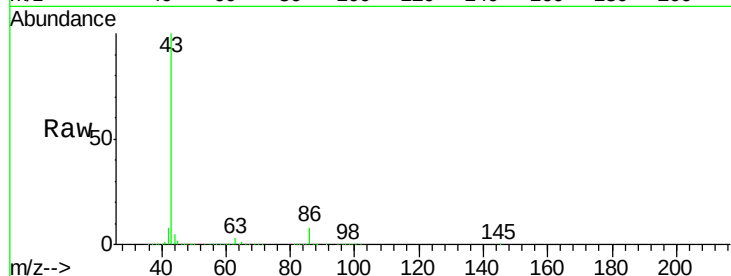
86 8.3 6.5 9.7

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

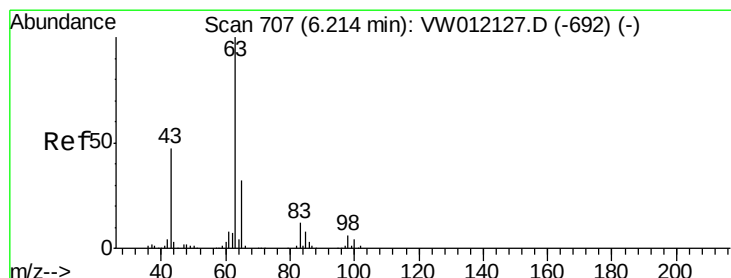
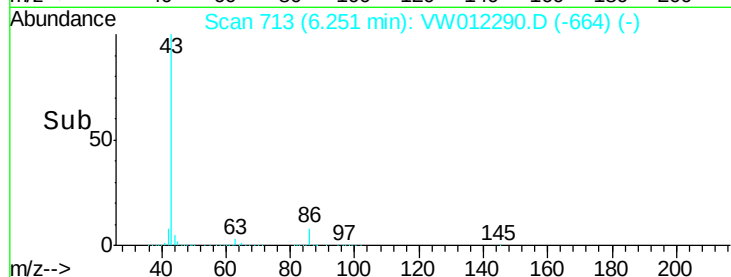
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.405 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

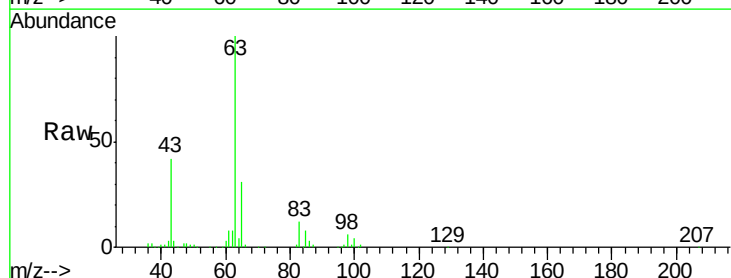
Tgt Ion: 63 Resp: 239535

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

100000

80000

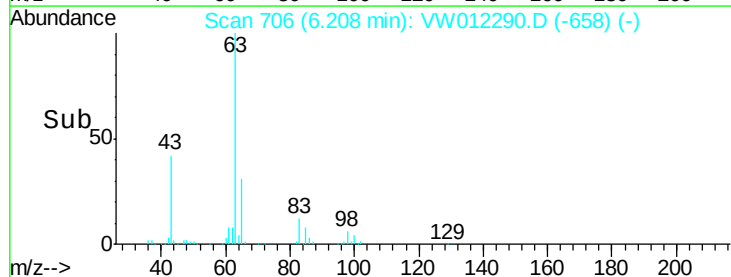
60000

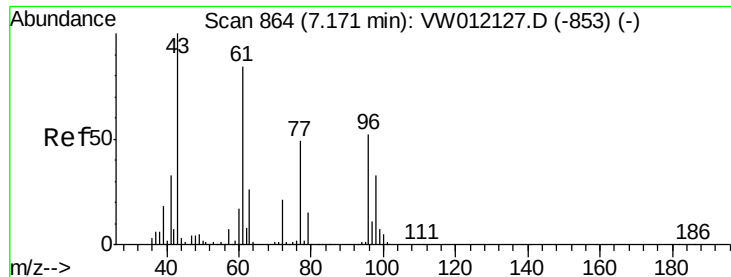
40000

20000

0

Time-->





#25

2-Butanone

Concen: 318.525 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 267576

Ion Ratio Lower Upper

43 100

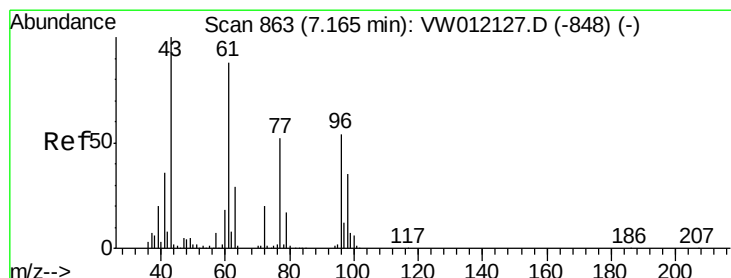
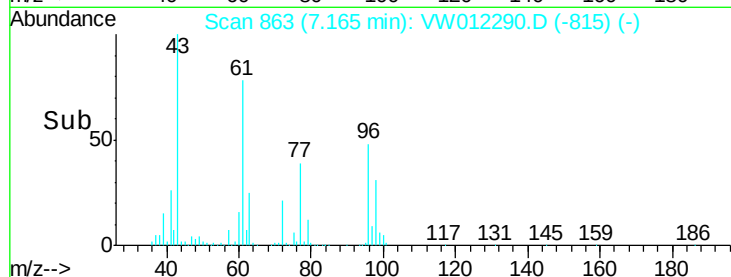
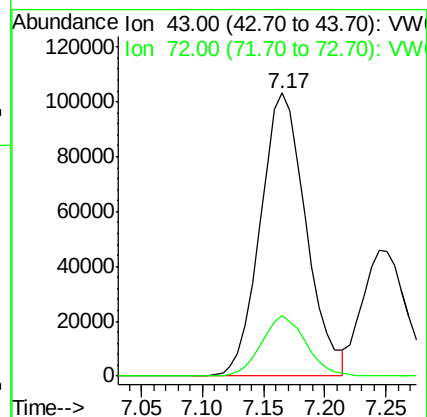
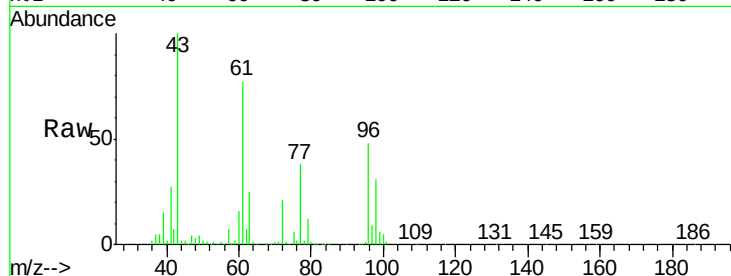
72 21.4 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.899 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012290.D

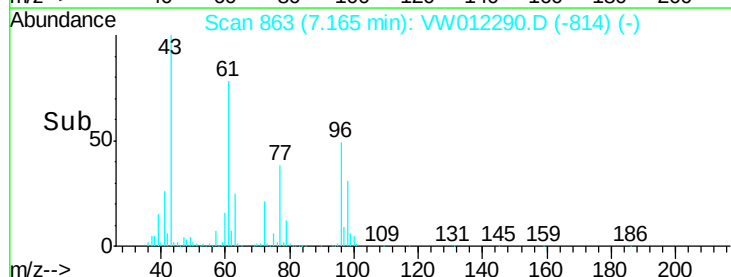
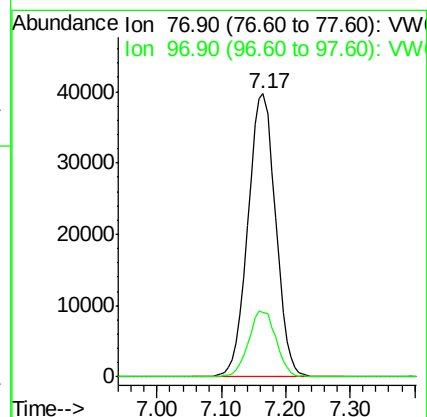
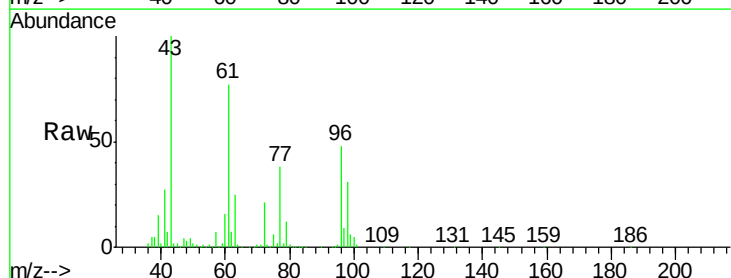
Acq: 29 Aug 2019 08:29

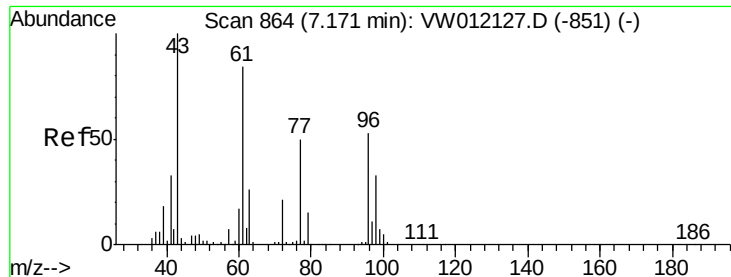
Tgt Ion: 77 Resp: 116874

Ion Ratio Lower Upper

77 100

97 23.2 11.1 33.1





#27

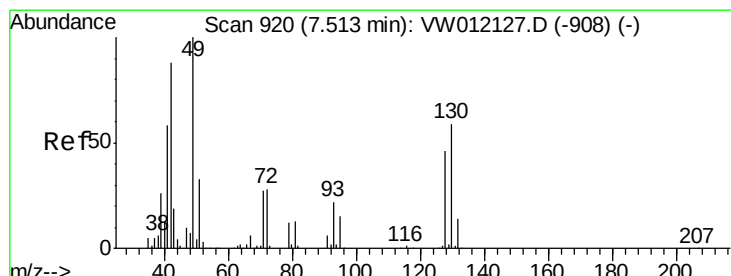
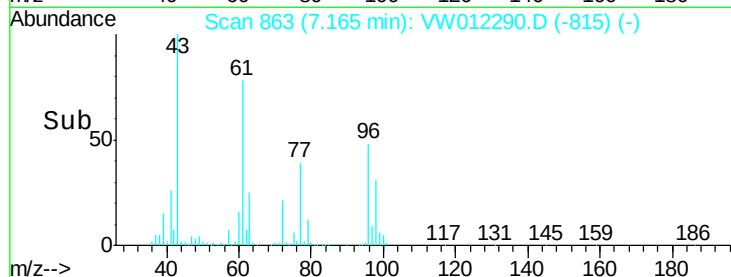
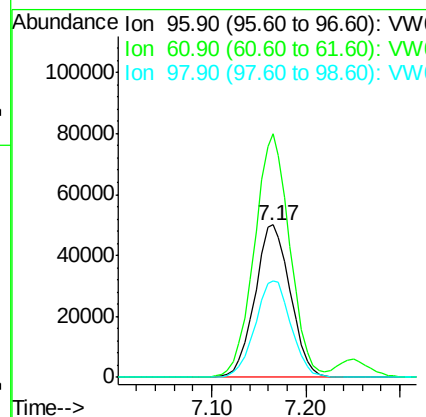
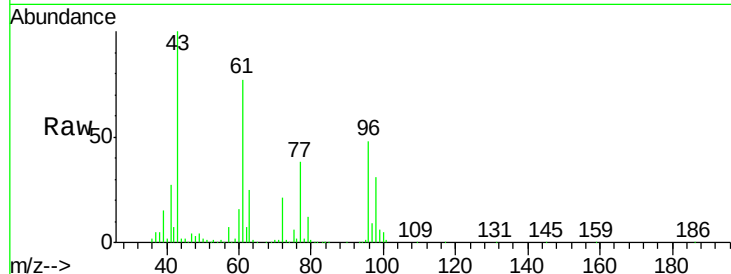
cis-1,2-Dichloroethene
Concen: 56.390 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	326.6
98	63.9	0.0	127.4

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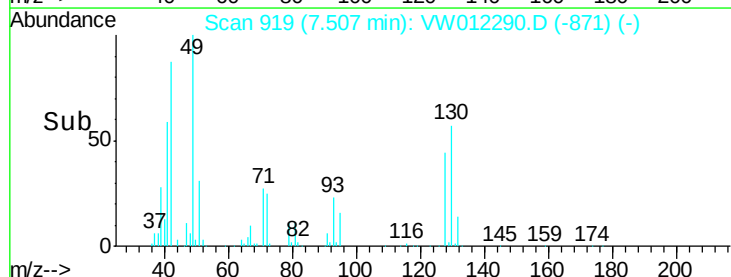
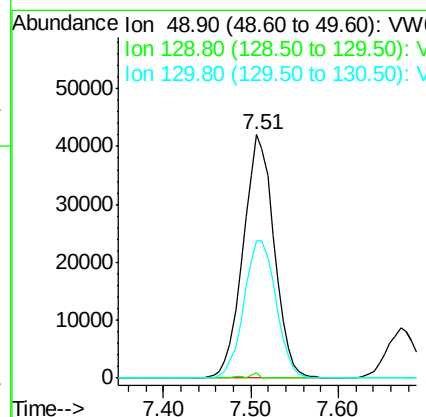
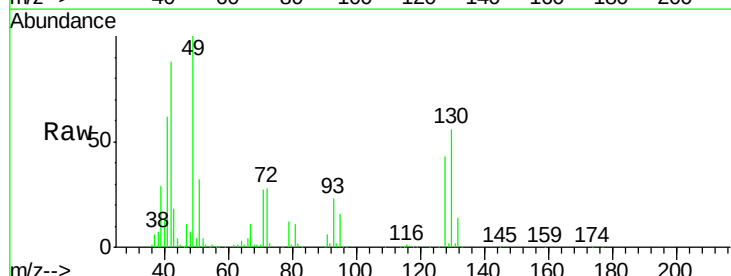
MMDadoda
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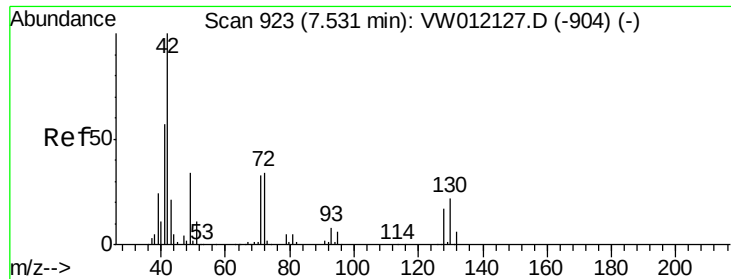


#28

Bromochloromethane
Concen: 53.780 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	58.8	45.5	68.3





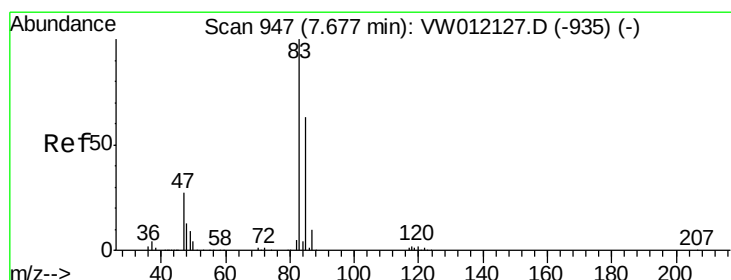
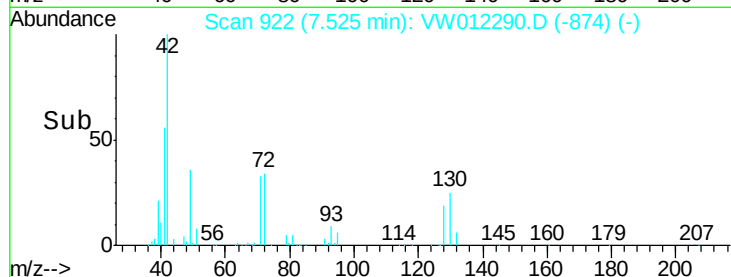
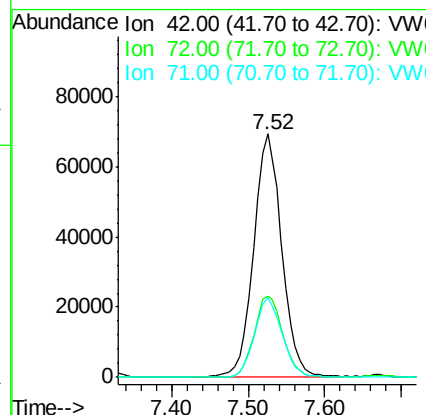
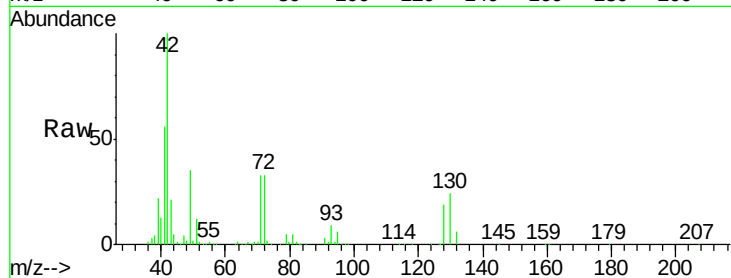
#29
Tetrahydrofuran
Concen: 351.562 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.2	27.3	40.9
71	32.6	25.5	38.3

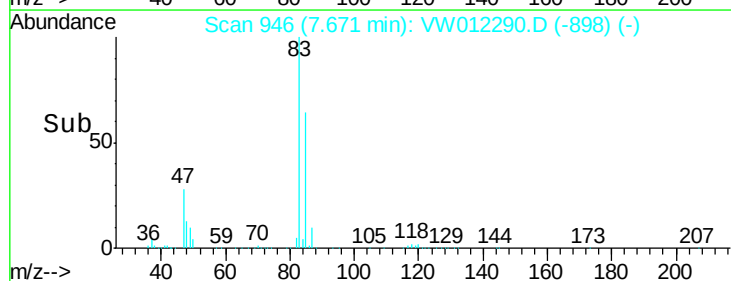
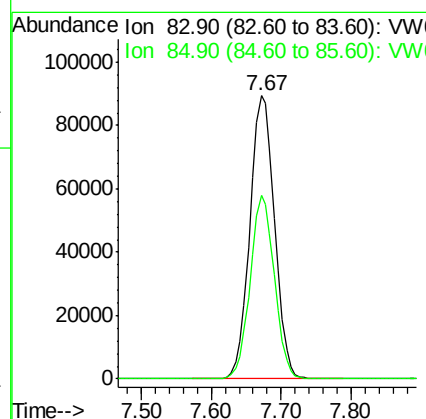
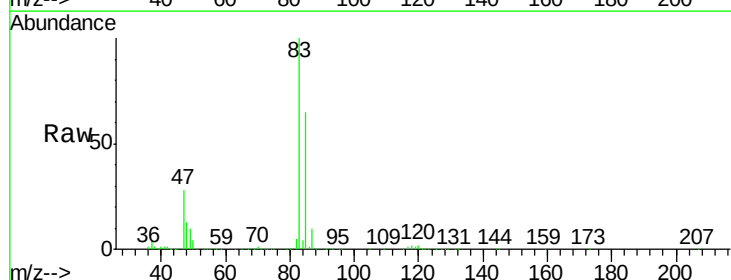
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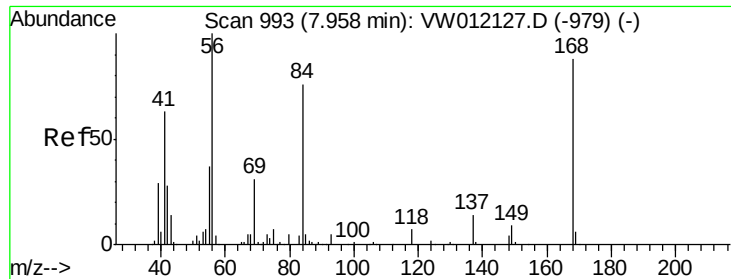
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#30
Chloroform
Concen: 54.503 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.6	76.0





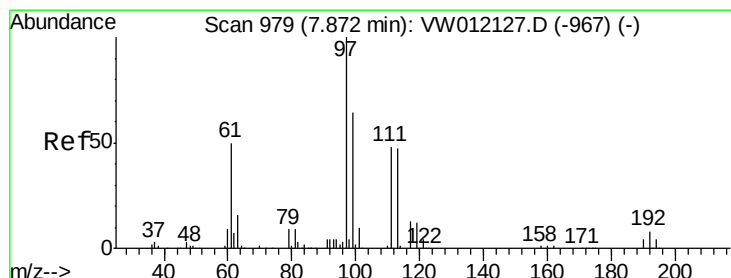
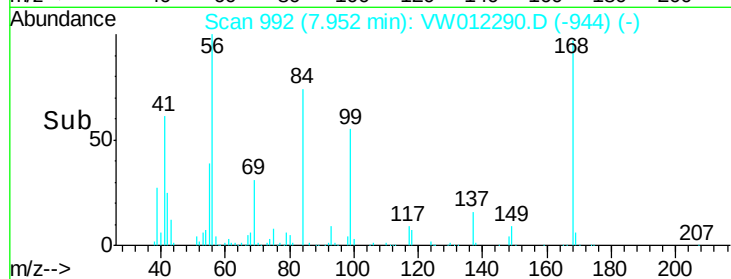
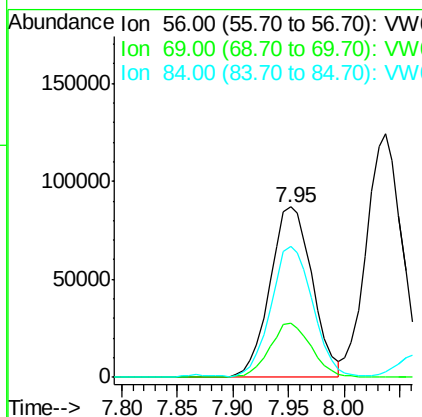
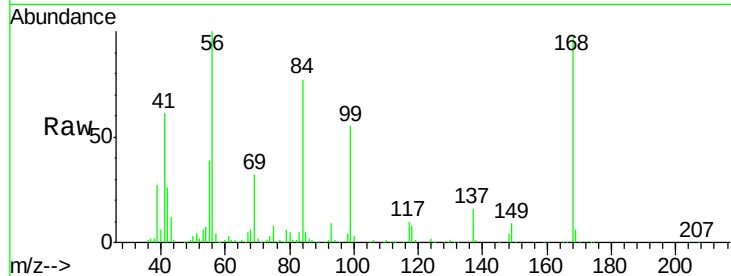
#31
Cyclohexane
Concen: 52.825 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	230104
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.9	37.3
84	75.9	60.6	90.8

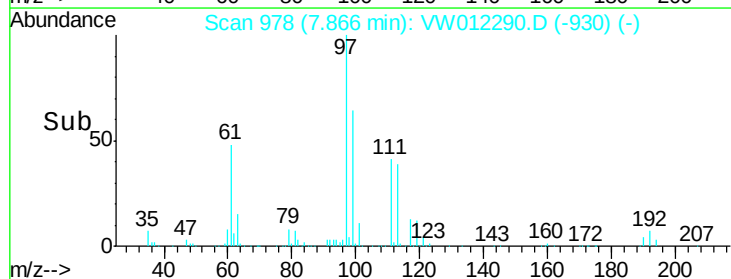
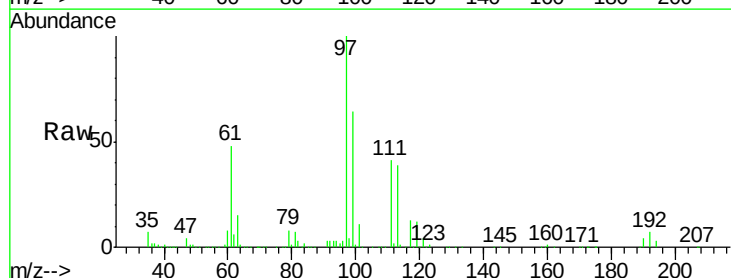
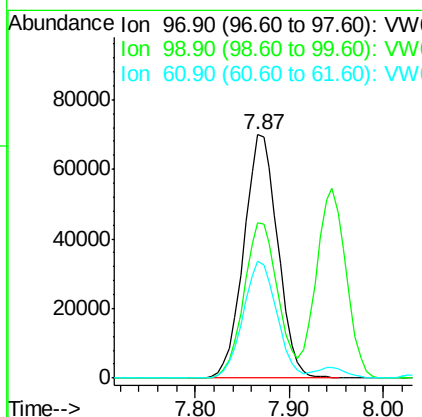
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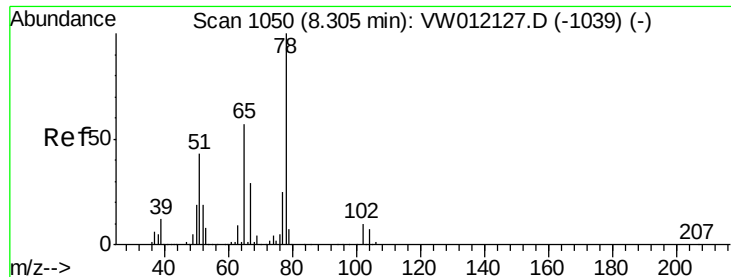
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8/29/2019 9:41:19 AM



#32
1,1,1-Trichloroethane
Concen: 55.520 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	97	Resp	176917
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	47.6	39.5	59.3





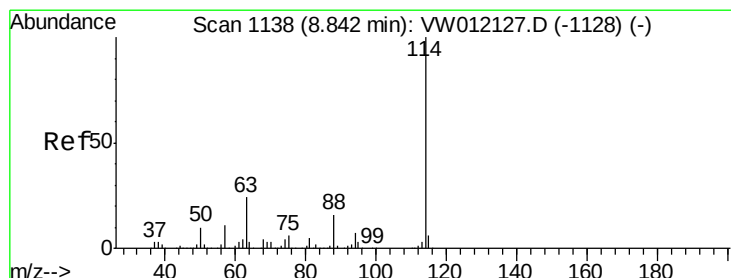
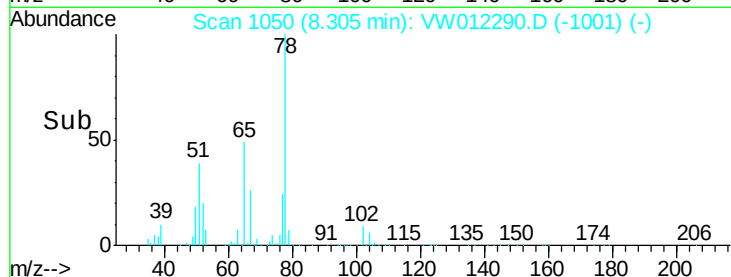
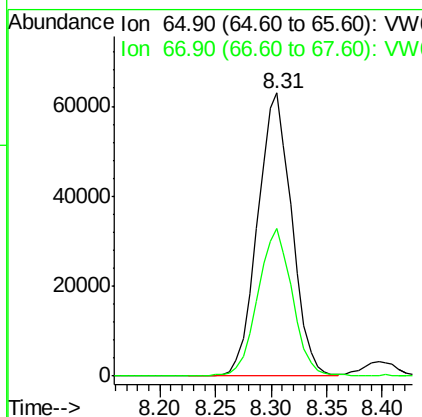
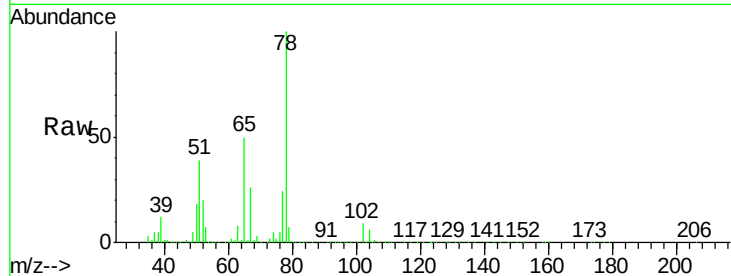
#33
 1,2-Dichloroethane-d4
 Concen: 55.665 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	134619		
67	52.1	0.0	102.6	

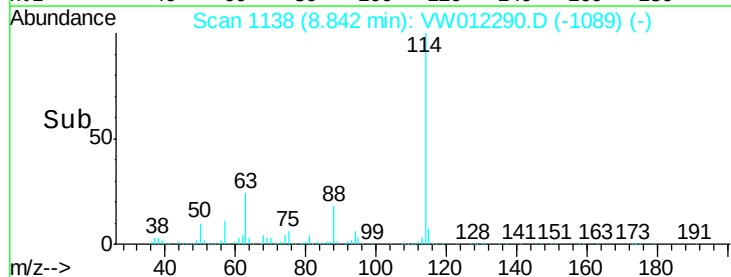
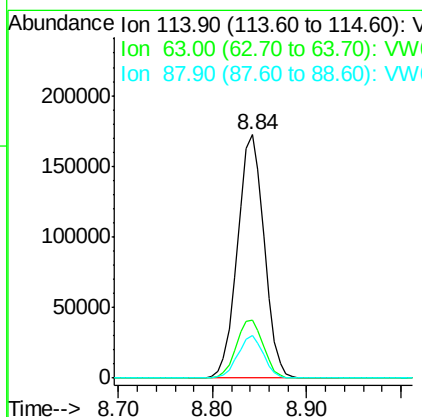
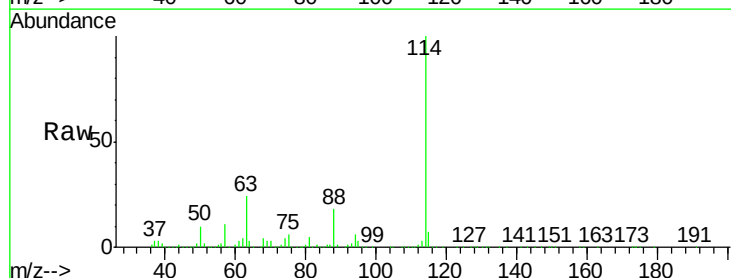
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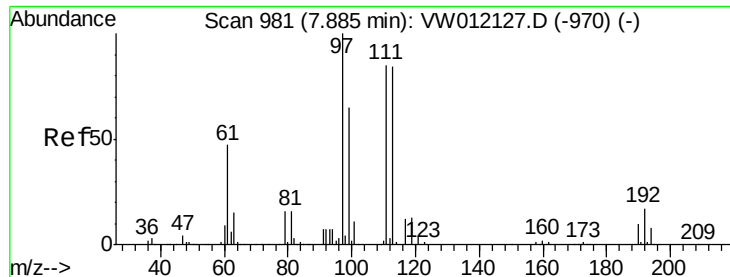
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	339565		
63	24.0	0.0	48.6	
88	17.7	0.0	32.2	





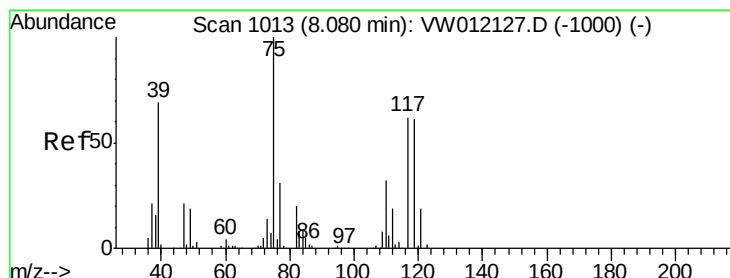
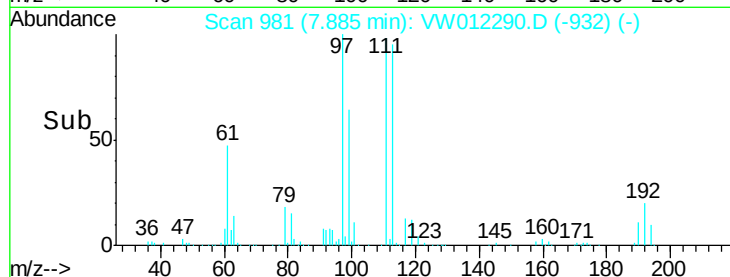
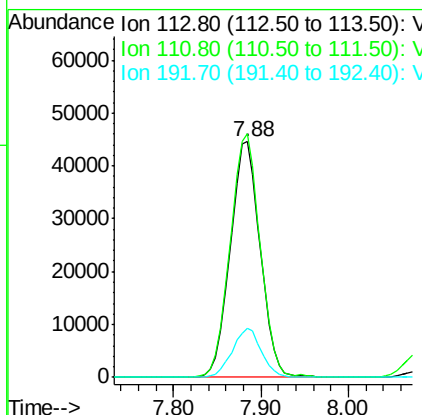
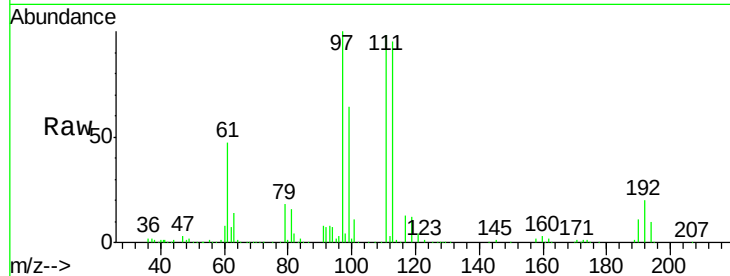
#35
 Dibromofluoromethane
 Concen: 52.217 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105838		
111	103.5	82.7	124.1	
192	20.1	16.2	24.2	

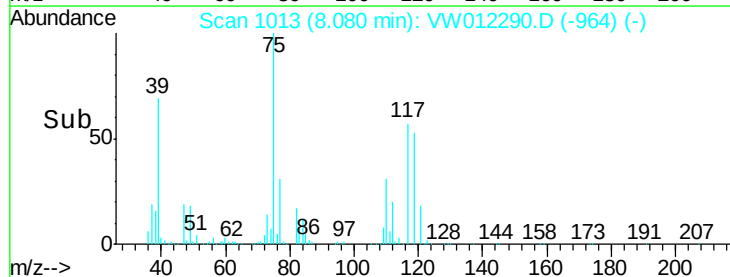
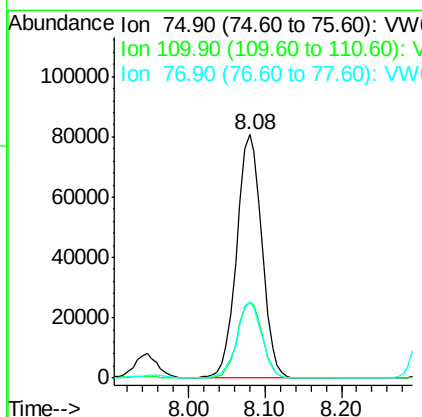
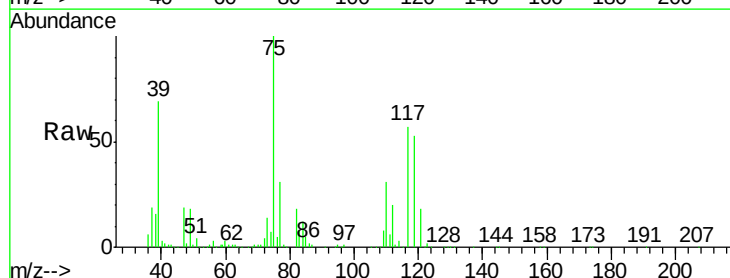
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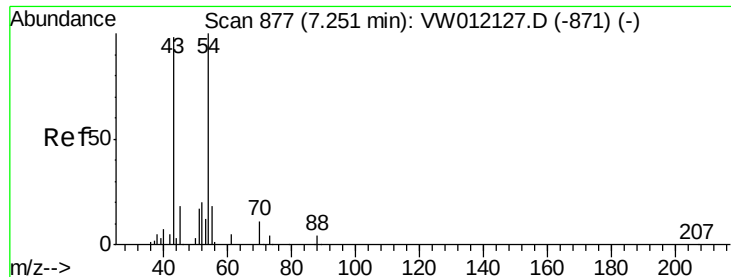
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#36
 1,1-Dichloropropene
 Concen: 52.337 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	183651		
110	31.5	15.6	46.8	
77	30.6	24.6	36.8	





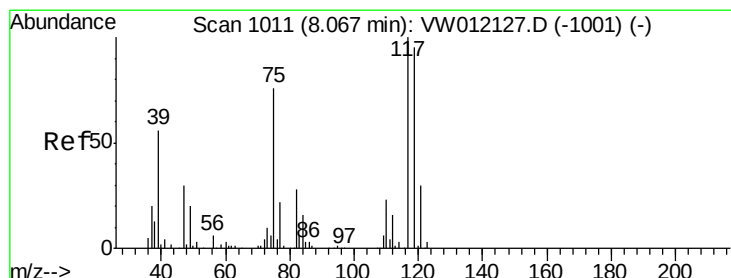
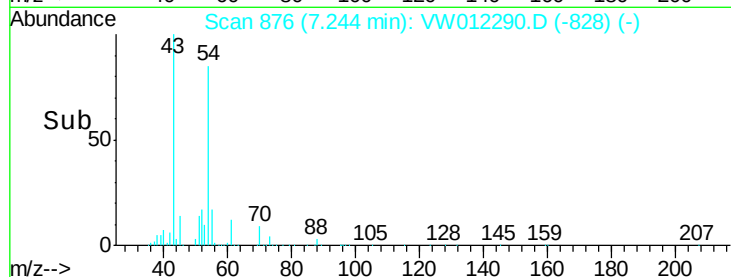
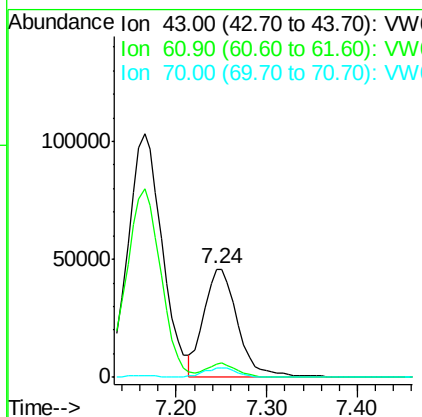
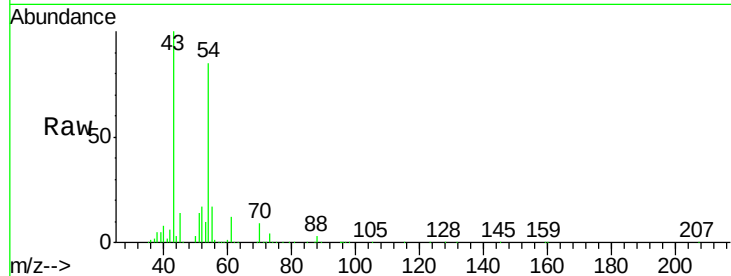
#37
Ethyl Acetate
Concen: 61.659 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	12.0	9.2	13.8	
70	8.8	6.9	10.3	

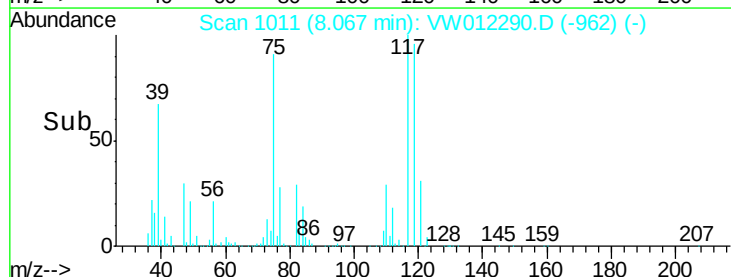
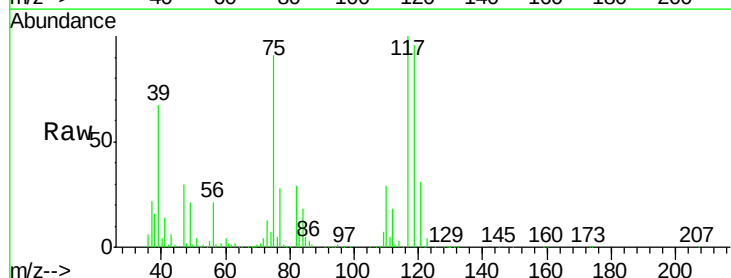
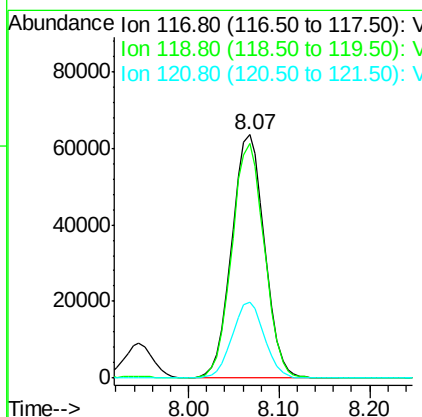
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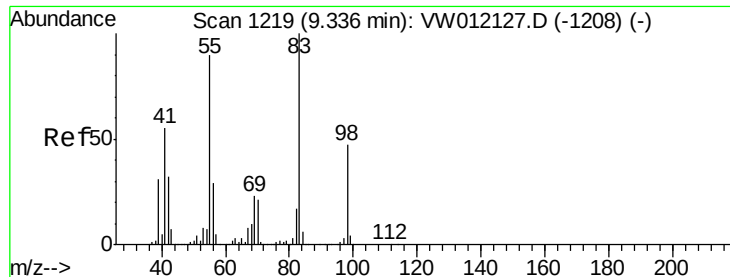
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#38
Carbon Tetrachloride
Concen: 52.228 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.2	114.2	
121	31.1	23.8	35.8	





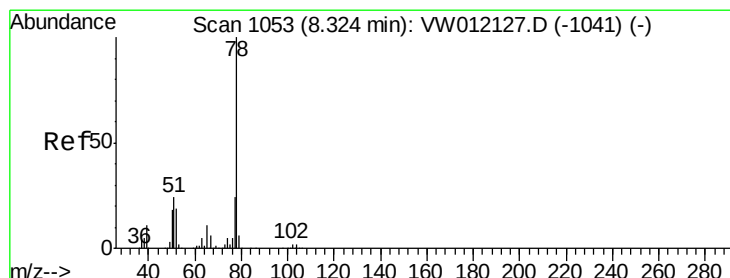
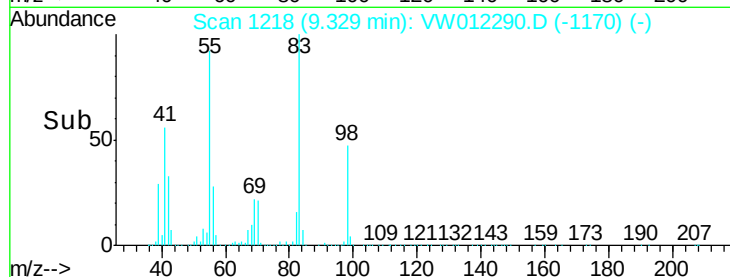
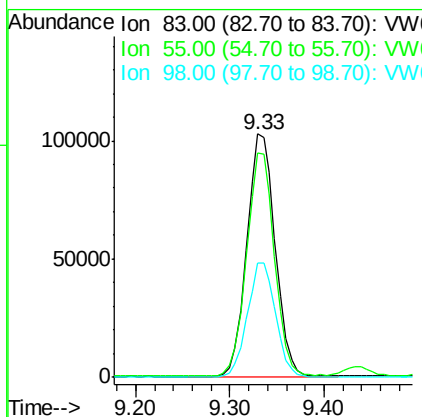
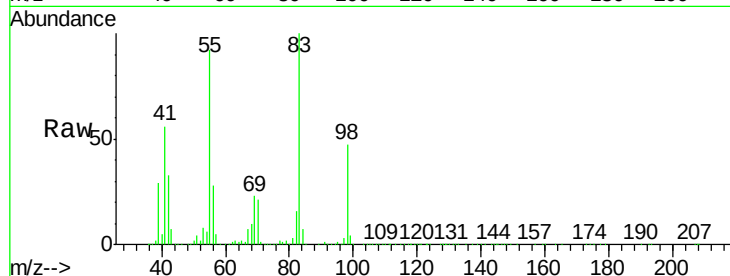
#39
Methylvlcyclohexane
Concen: 54.943 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	216592
Ion Ratio	Lower	Upper	
83	100		
55	91.5	71.8	107.8
98	47.2	37.8	56.8

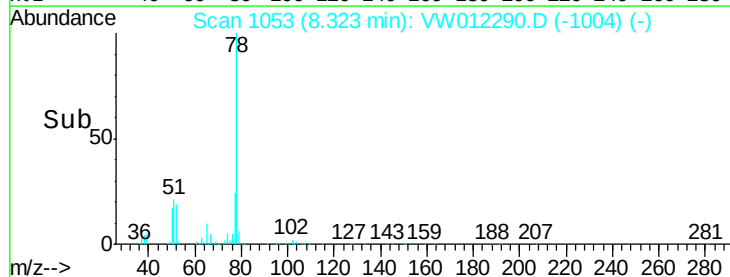
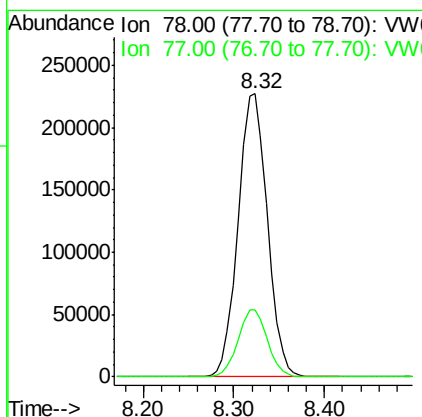
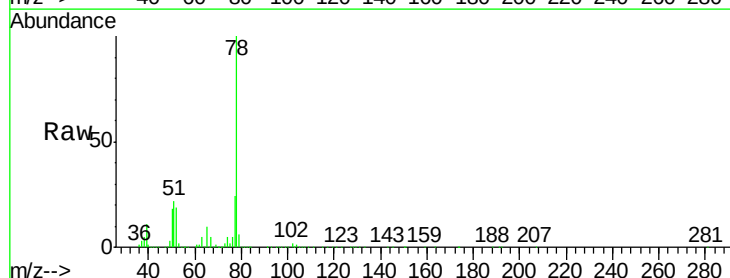
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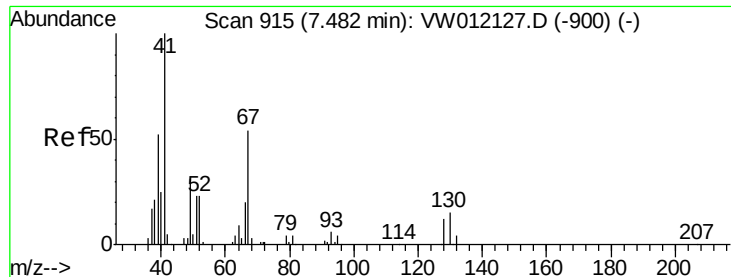
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#40
Benzene
Concen: 52.970 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	78	Resp	507539
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.5	29.3





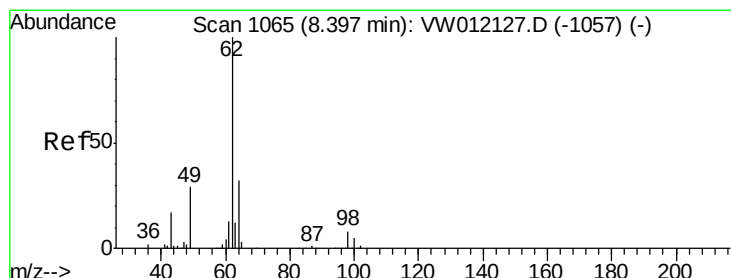
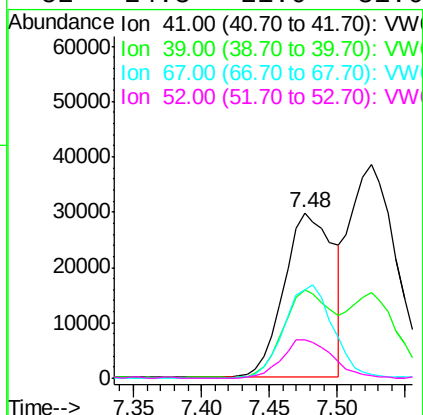
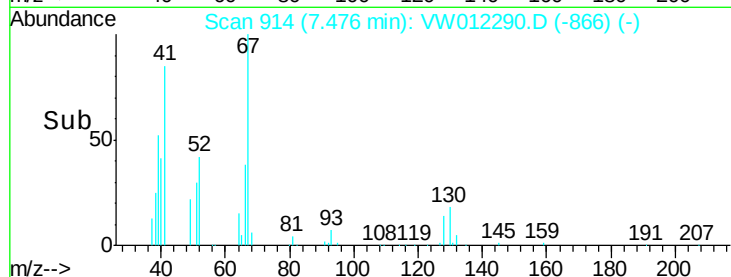
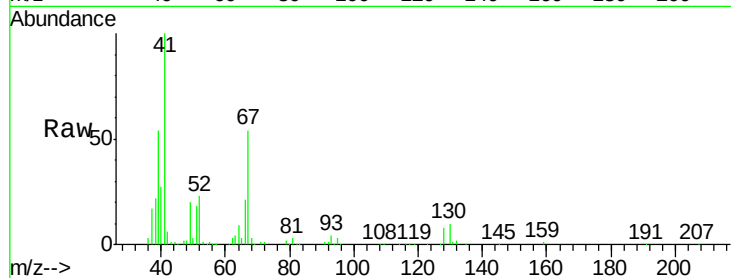
#41
Methacrylonitrile
Concen: 66.715 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.5	45.8	68.8
67	56.2	46.2	69.4
52	24.3	21.0	31.6

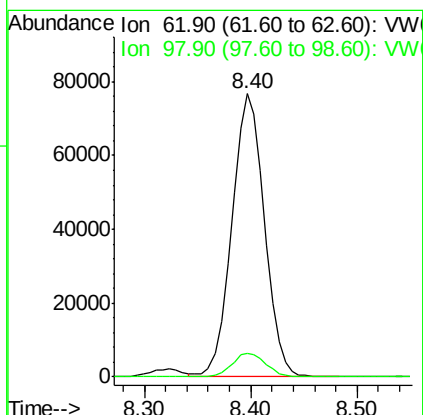
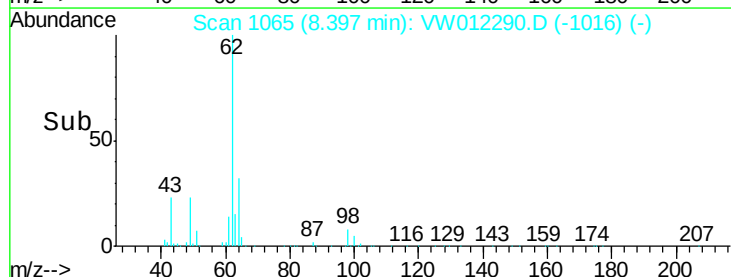
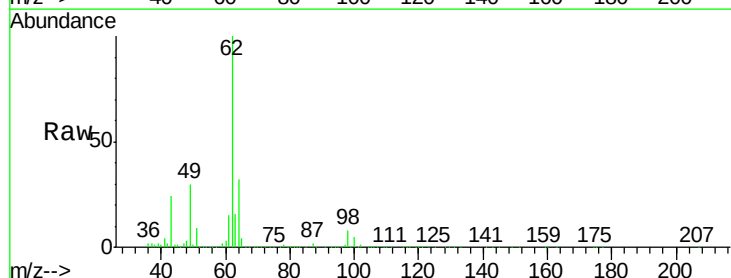
Manual Integrations
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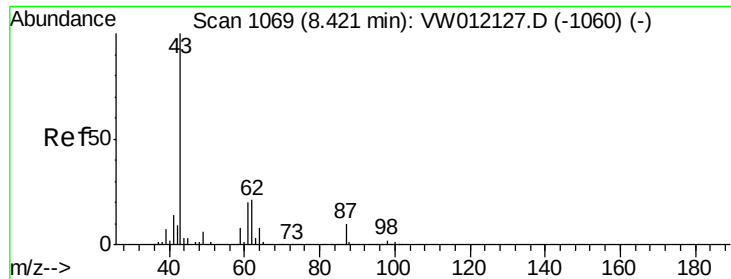
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#42
1,2-Dichloroethane
Concen: 54.662 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 62.563 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

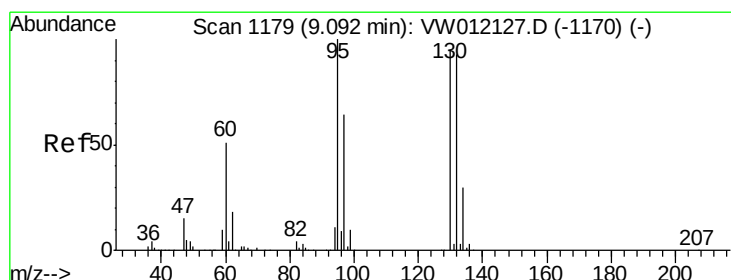
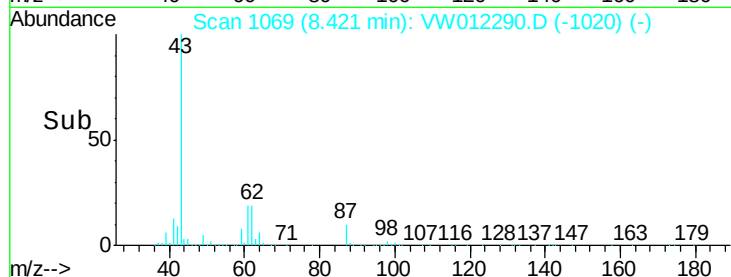
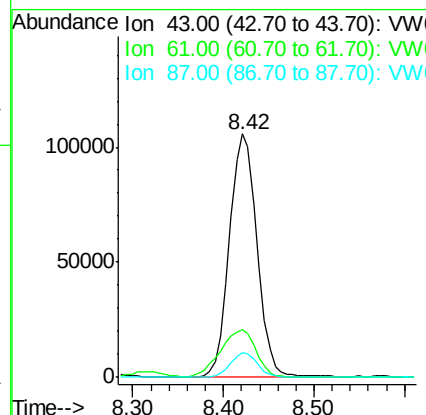
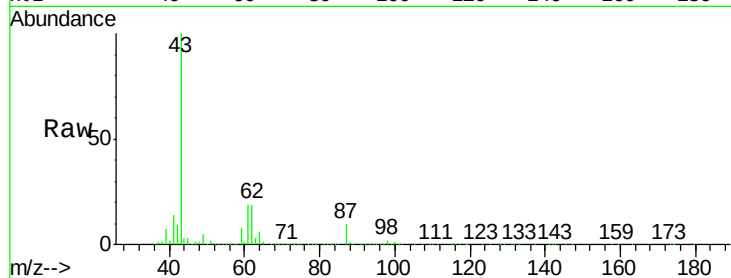
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	222836
Ion	Ratio	Lower	Upper
43	100		
61	25.4	21.1	31.7
87	10.2	8.2	12.2

Manual Integrations
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8/29/2019 9:41:19 AM



#44

Trichloroethene

Concen: 52.631 ug/l

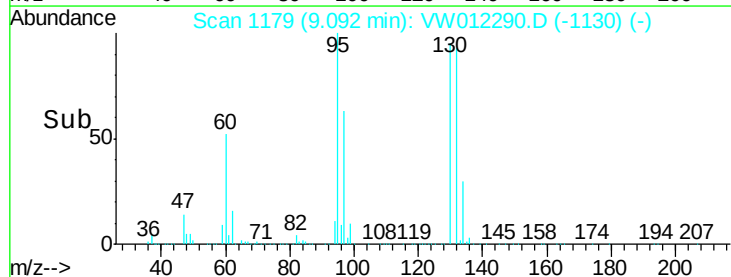
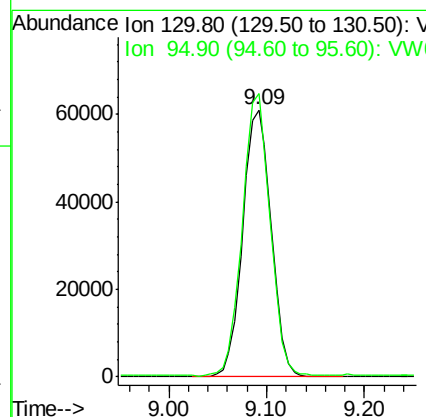
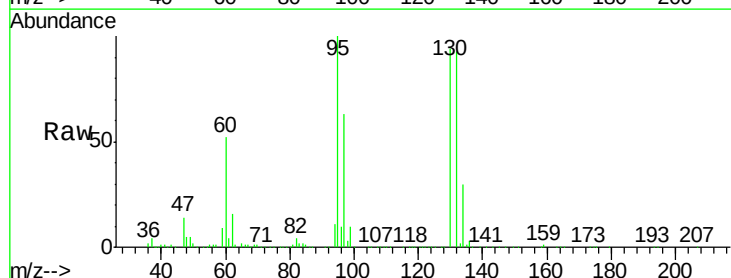
RT: 9.09 min Scan# 1179

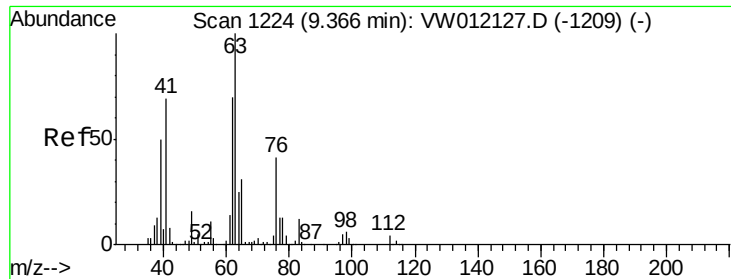
Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Tgt Ion:	130	Resp:	122590
Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	210.6





#45

1,2-Dichloropropane

Concen: 53.459 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 137855

Ion Ratio Lower Upper

63 100

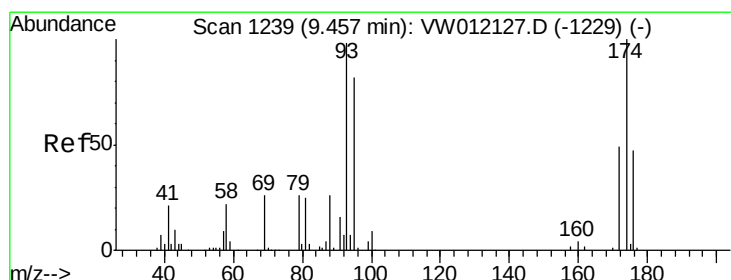
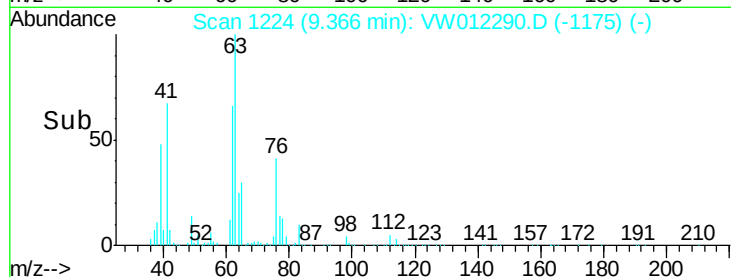
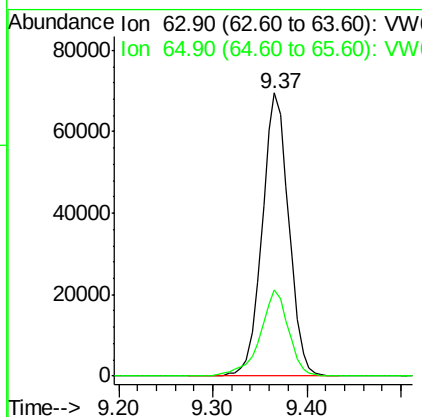
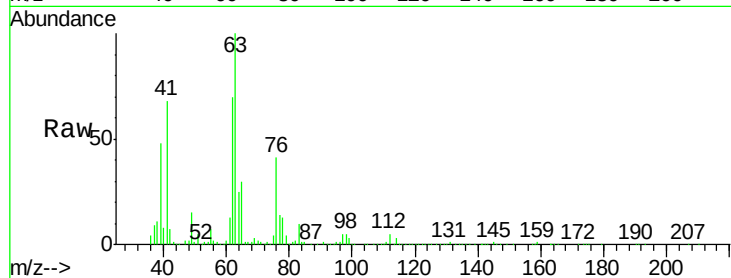
65 30.1 25.0 37.4

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#46

Dibromomethane

Concen: 56.562 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

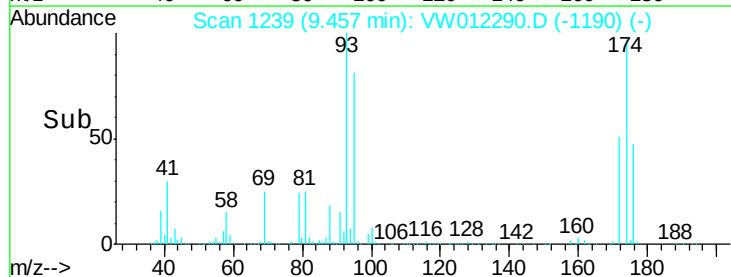
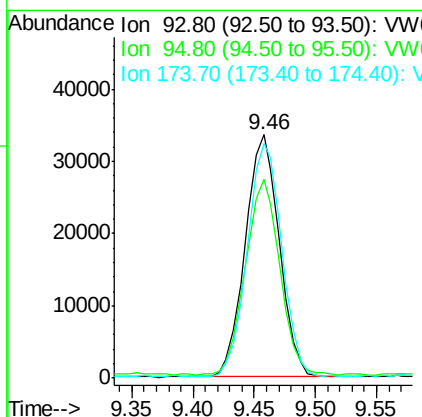
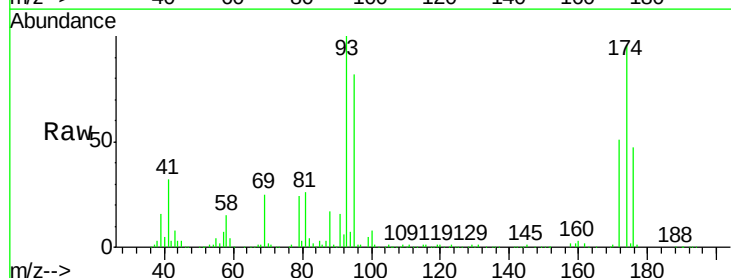
Tgt Ion: 93 Resp: 64896

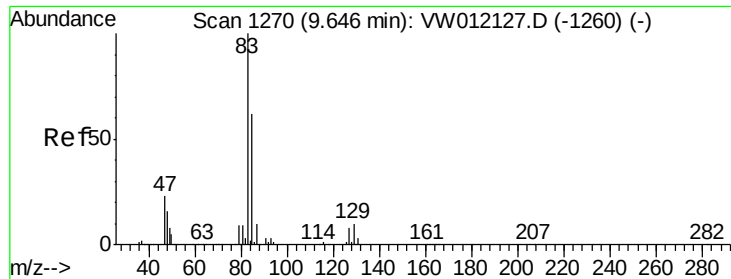
Ion Ratio Lower Upper

93 100

95 81.5 67.2 100.8

174 97.8 79.0 118.6





#47

Bromodichloromethane

Concen: 53.001 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

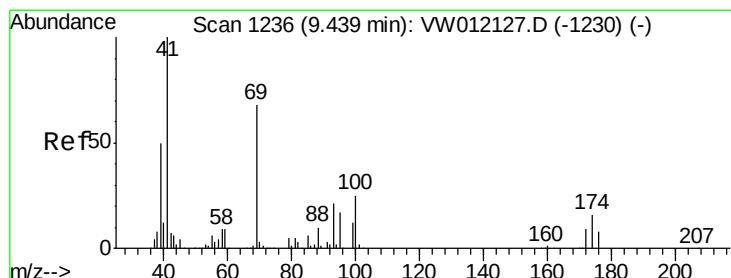
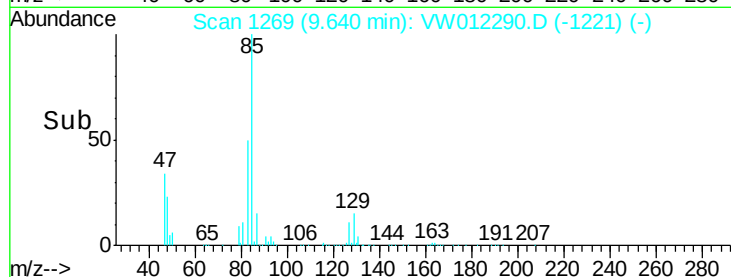
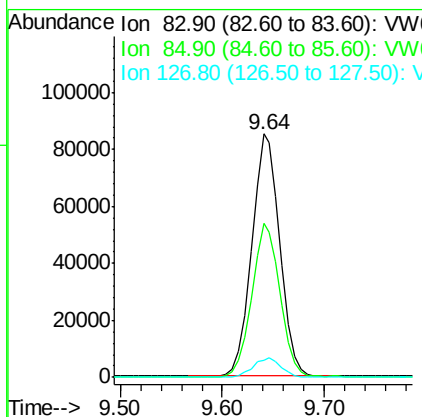
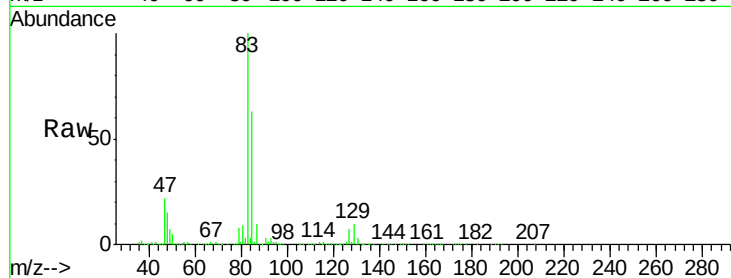
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	161843
Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.4	74.2
127	7.0	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 63.602 ug/l

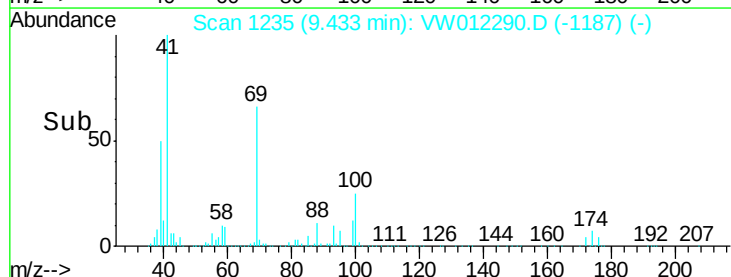
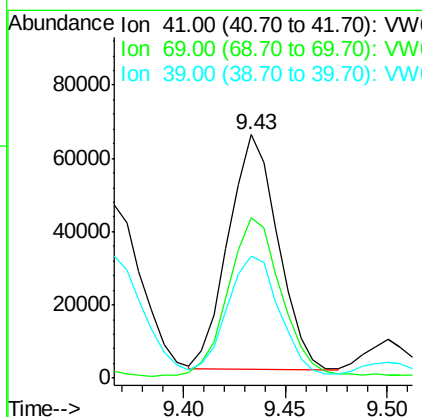
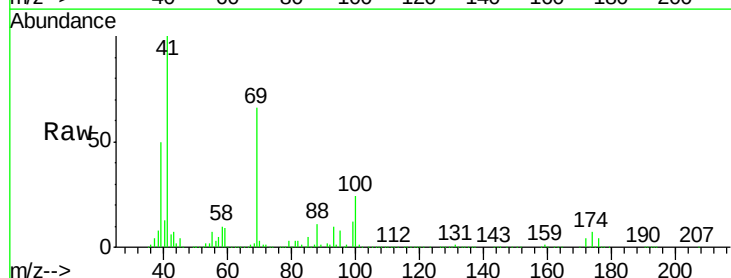
RT: 9.43 min Scan# 1235

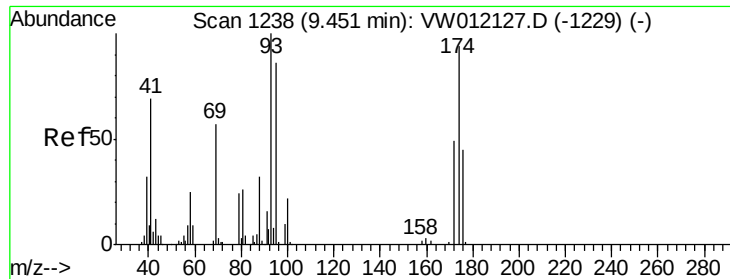
Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Tgt Ion:	41	Resp:	107821
Ion	Ratio	Lower	Upper
41	100		
69	71.7	56.7	85.1
39	52.2	42.0	63.0





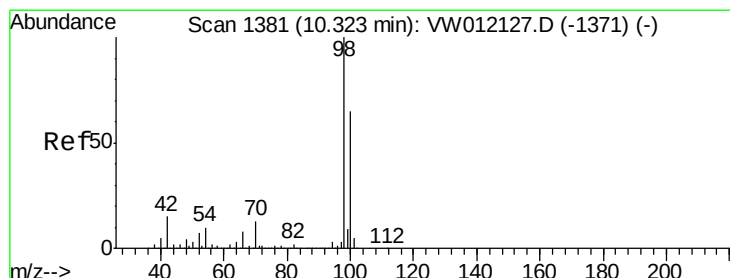
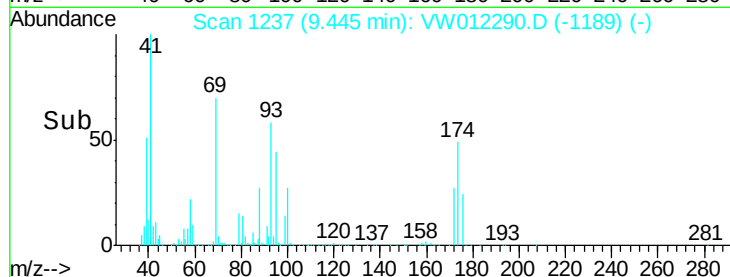
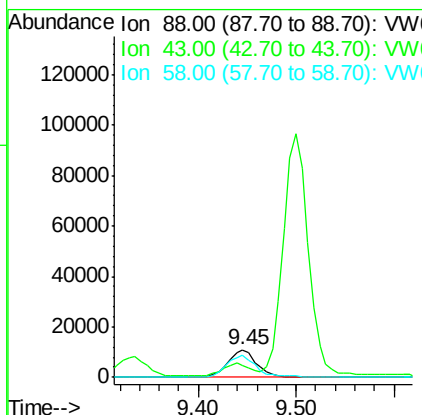
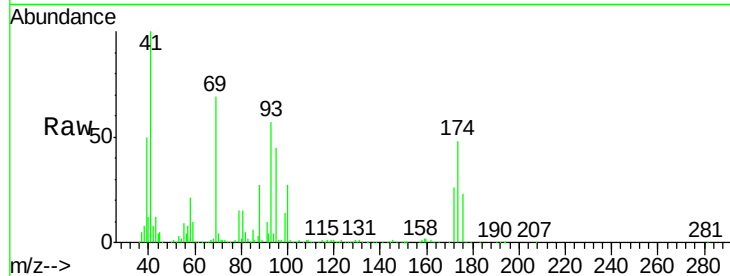
#49
1,4-Dioxane
Concen: 1262.550 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	22176
Ion	Ratio	Lower	Upper
88	100		
43	43.2	32.9	49.3
58	85.8	71.0	106.4

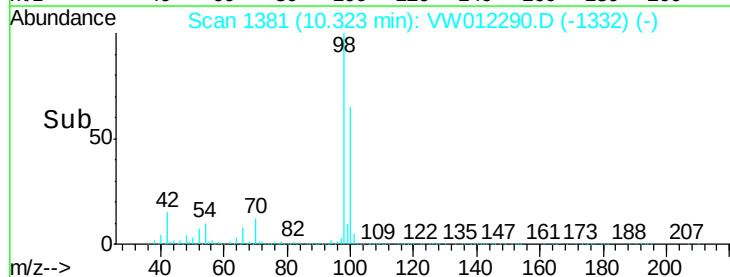
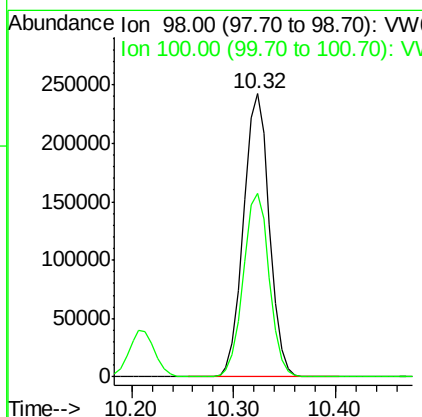
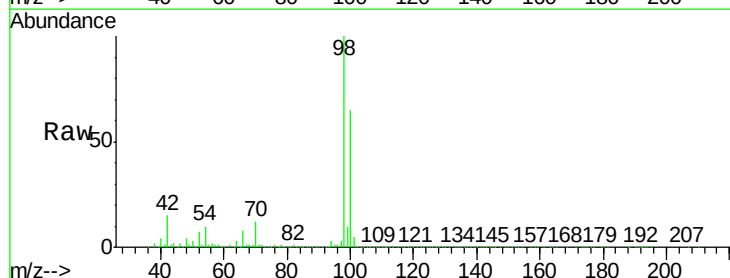
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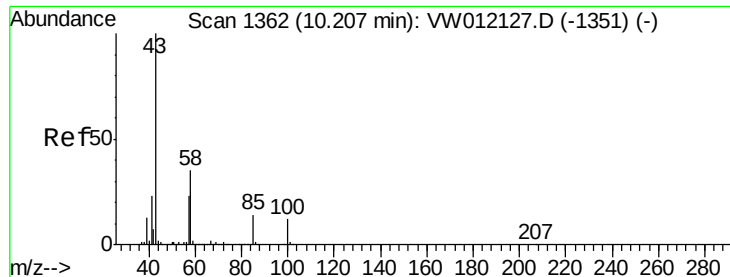
MMDadoda
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#50
Toluene-d8
Concen: 51.803 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	98	Resp	425737
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





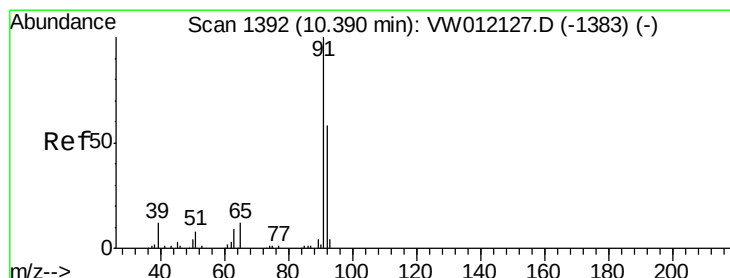
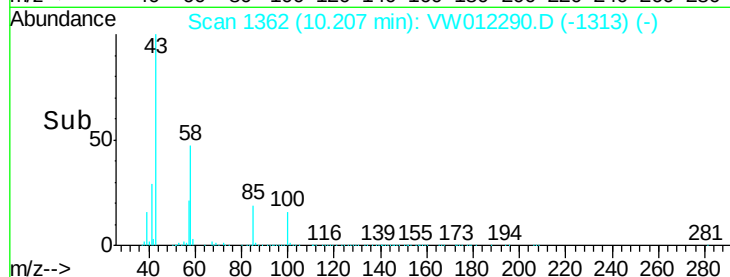
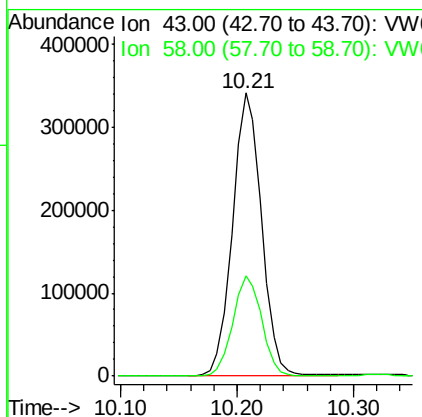
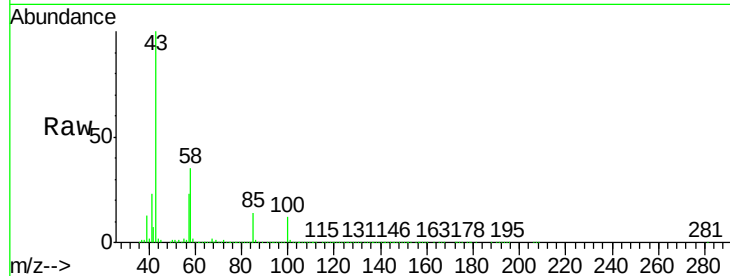
#51
4-Methyl-2-Pentanone
Concen: 323.413 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.2	42.2

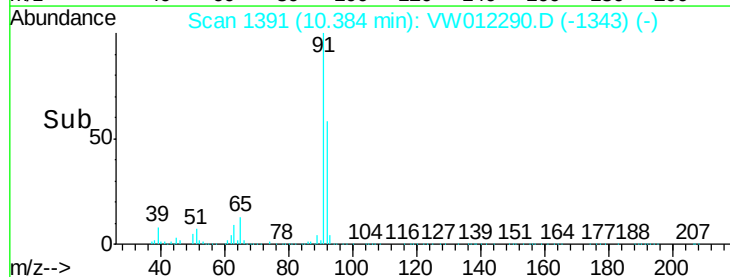
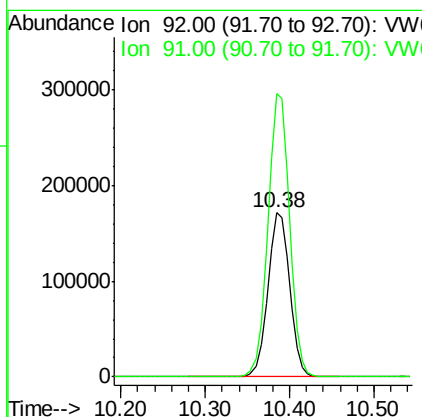
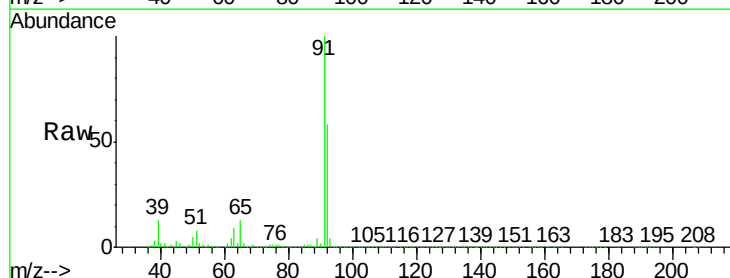
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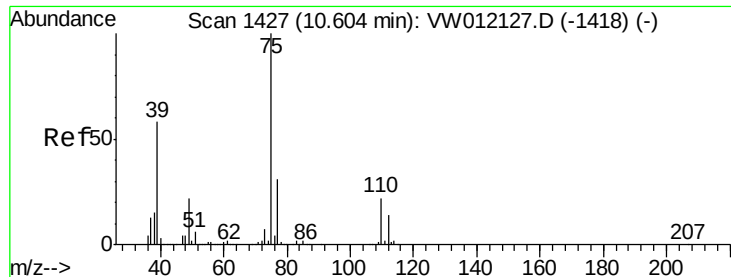
MMDadoda
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#52
Toluene
Concen: 53.244 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	136.6	204.8





#53

t-1,3-Dichloropropene

Concen: 54.085 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 168226

Ion Ratio Lower Upper

75 100

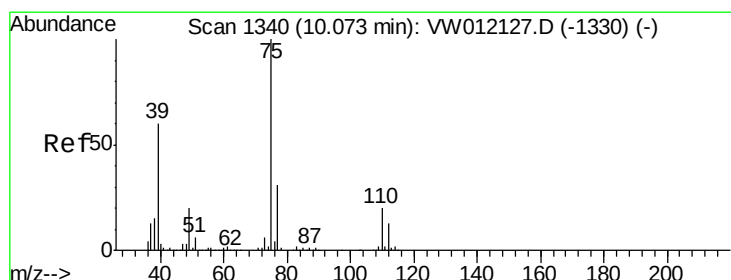
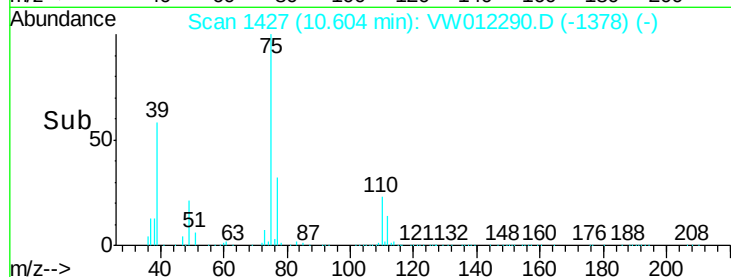
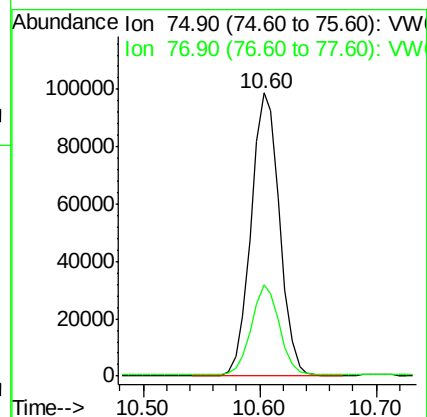
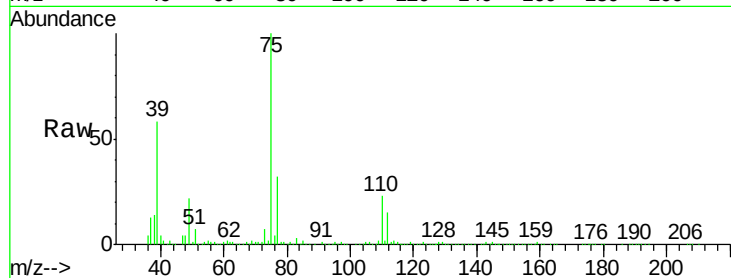
77 31.7 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.311 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

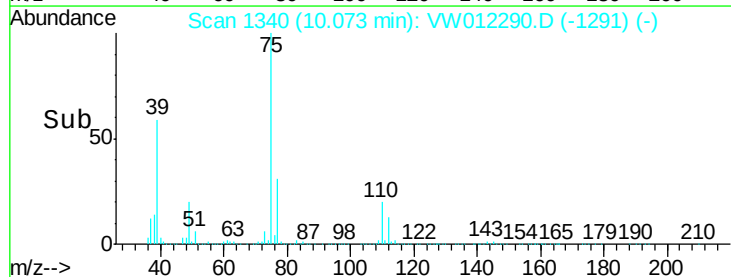
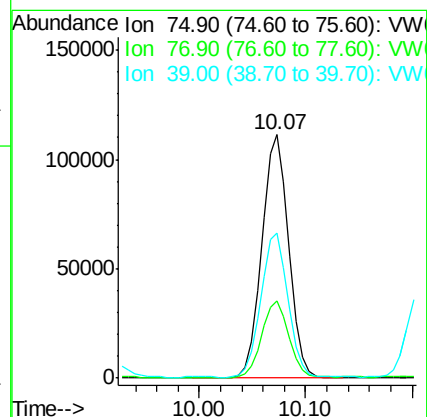
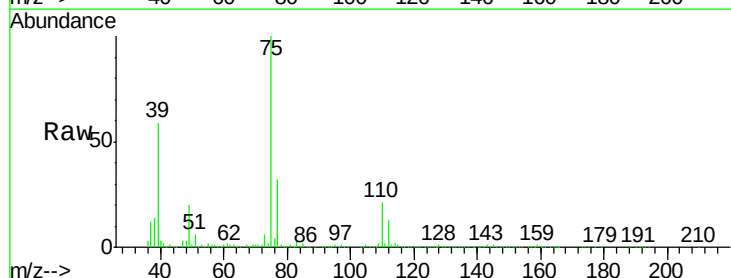
Tgt Ion: 75 Resp: 196463

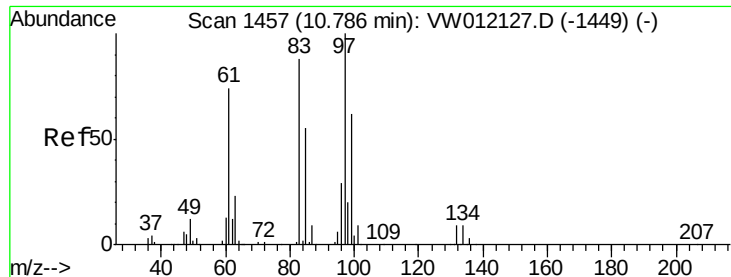
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 58.9 48.3 72.5





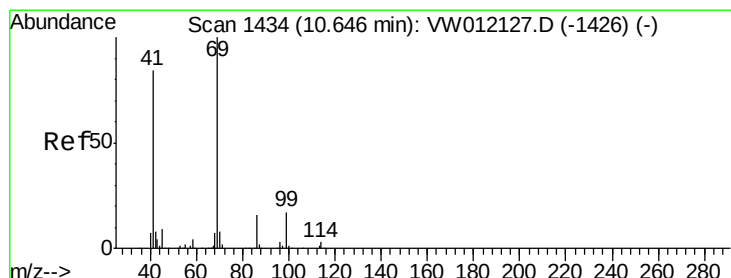
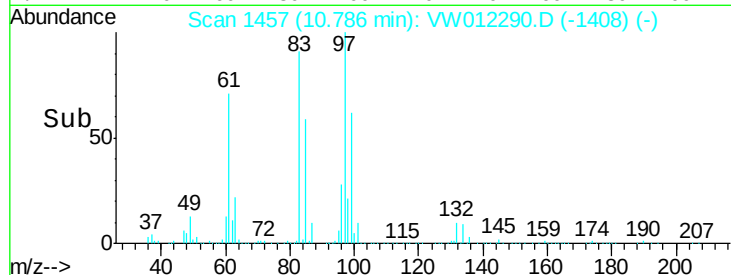
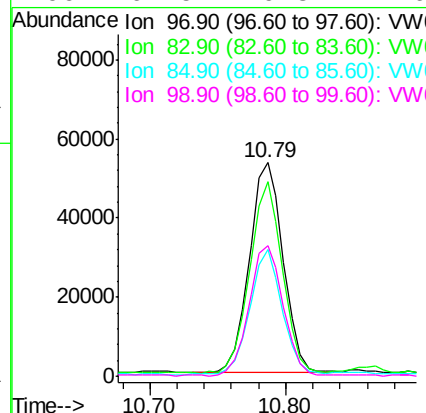
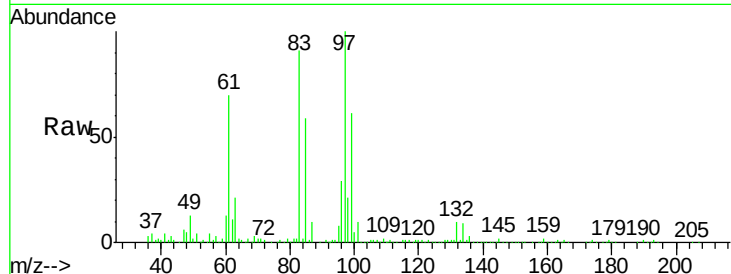
#55
 1,1,2-Trichloroethane
 Concen: 56.995 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	92521
Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.8	106.2
85	59.0	43.8	65.8
99	61.5	49.8	74.6

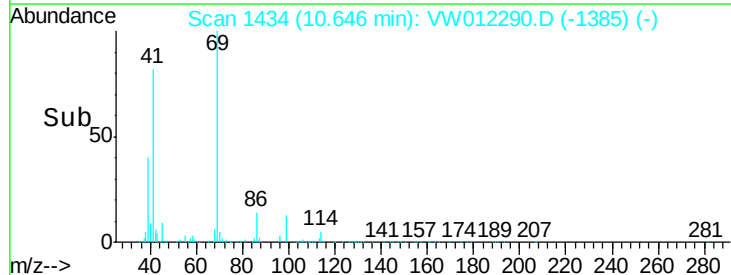
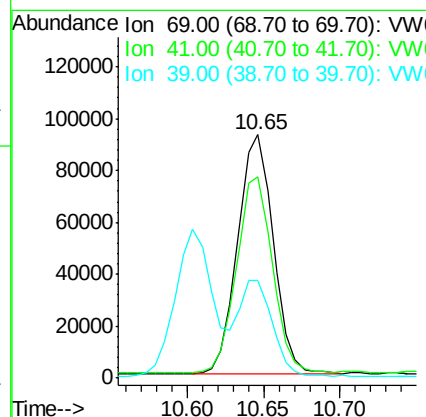
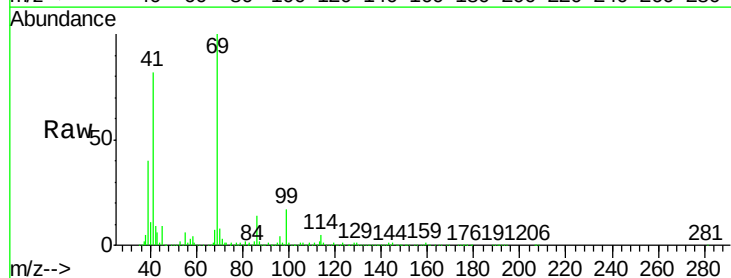
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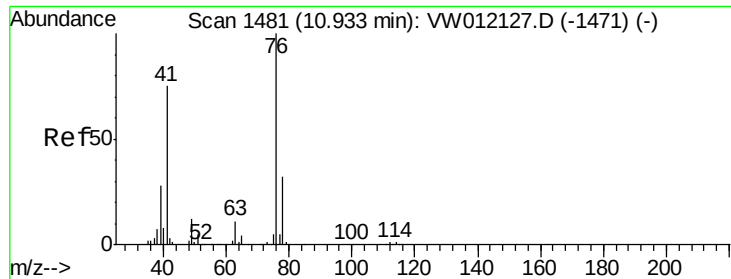
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#56
 Ethyl methacrylate
 Concen: 63.369 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion:	69	Resp:	149717
Ion	Ratio	Lower	Upper
69	100		
41	82.7	66.5	99.7
39	37.1	31.0	46.4





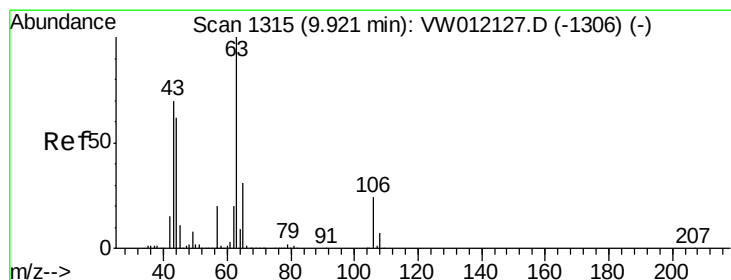
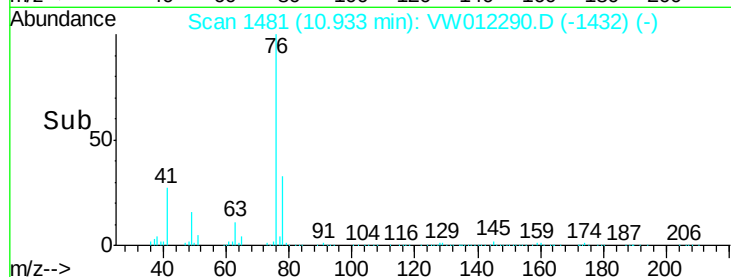
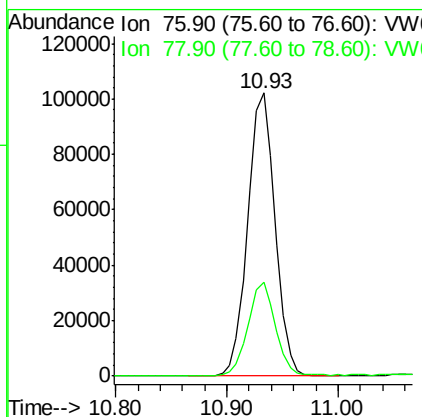
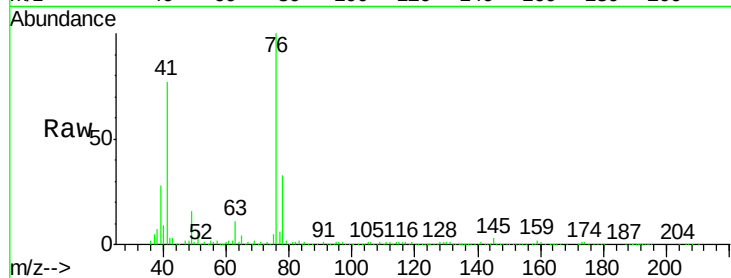
#57
 1,3-Dichloropropane
 Concen: 57.004 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.8

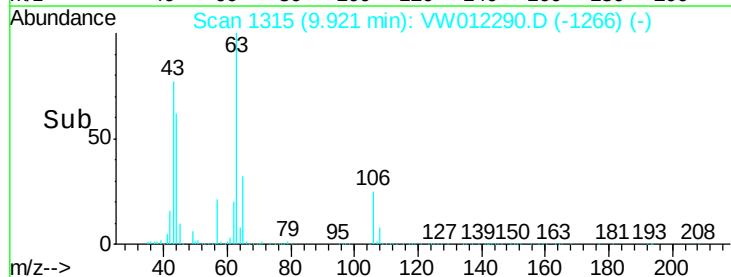
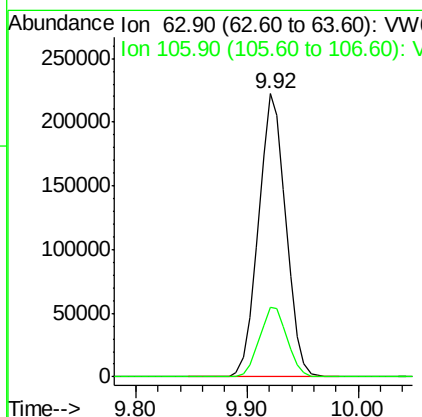
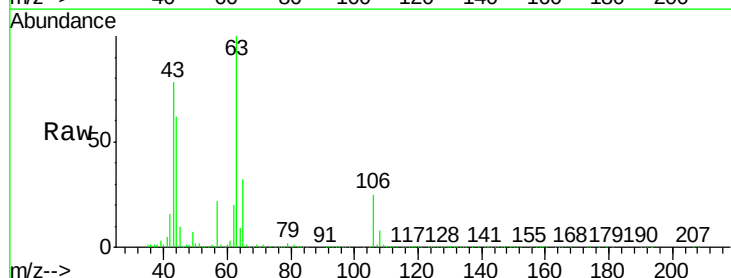
Manual Integrations
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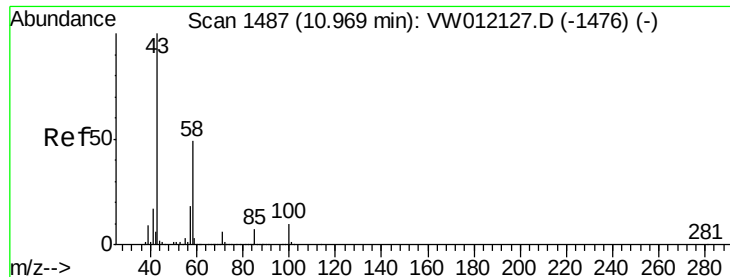
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#58
 2-Chloroethyl Vinyl ether
 Concen: 314.410 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.0	19.8	29.8





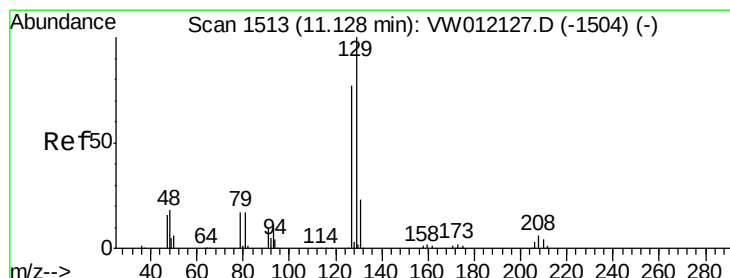
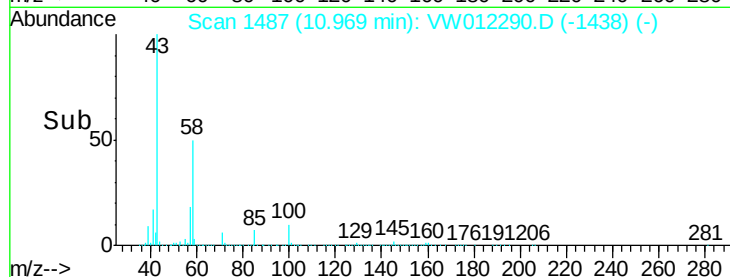
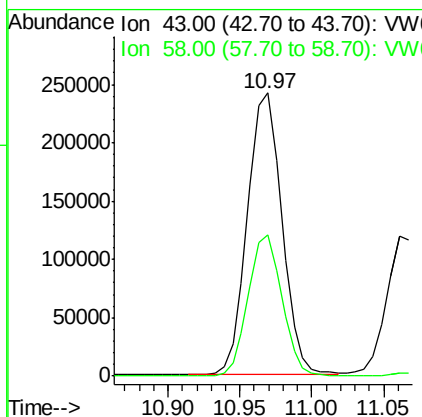
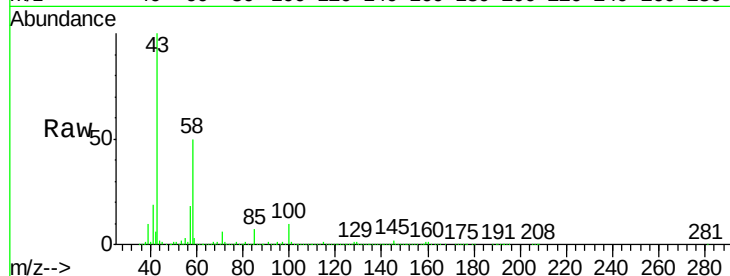
#59
2-Hexanone
Concen: 312.403 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.5	24.3	72.9

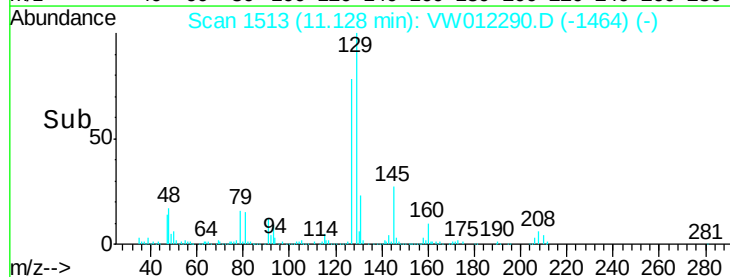
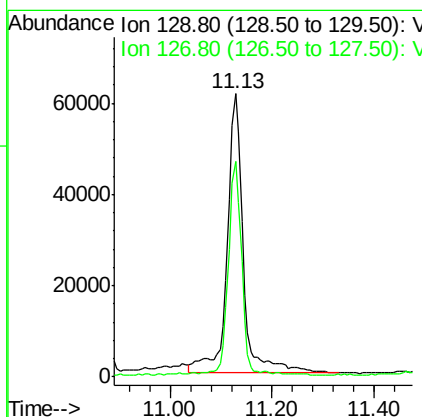
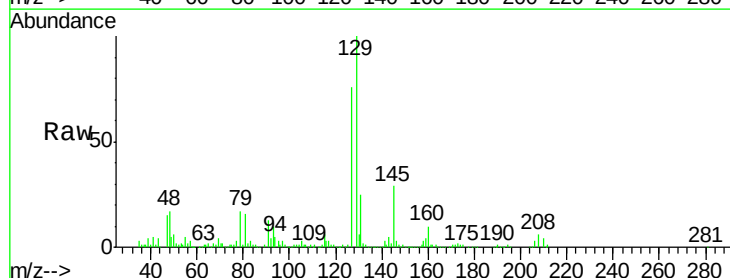
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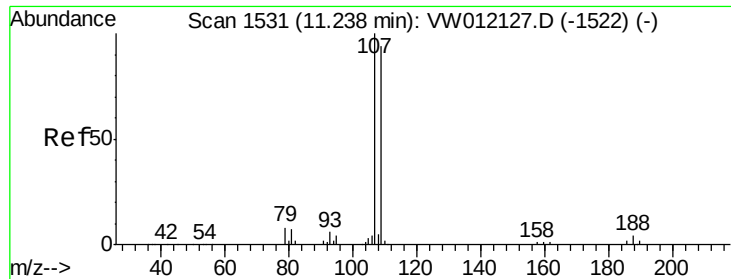
MMDadoda
8/29/2019 9:41:19 AM



#60
Dibromochloromethane
Concen: 74.590 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
129	100		
127	61.1	38.6	115.8





#61

1,2-Dibromoethane

Concen: 59.200 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 89531

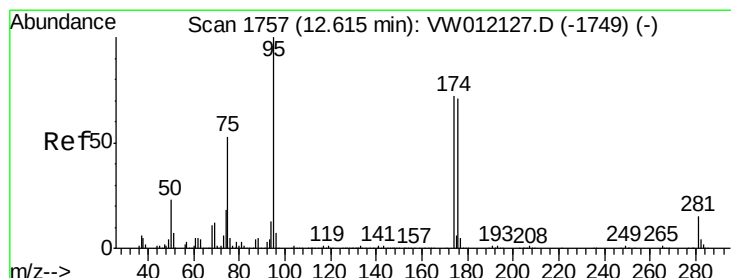
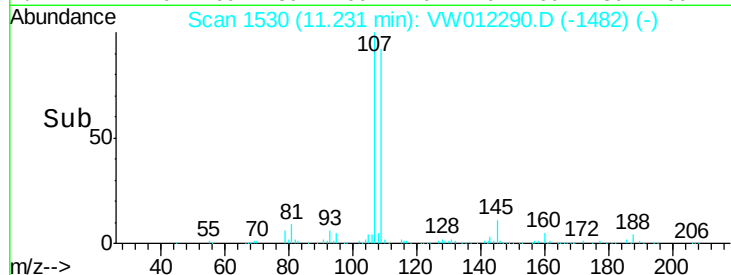
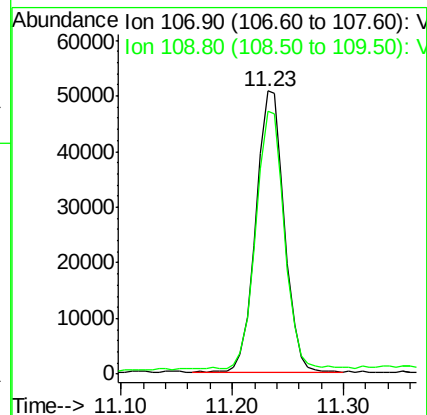
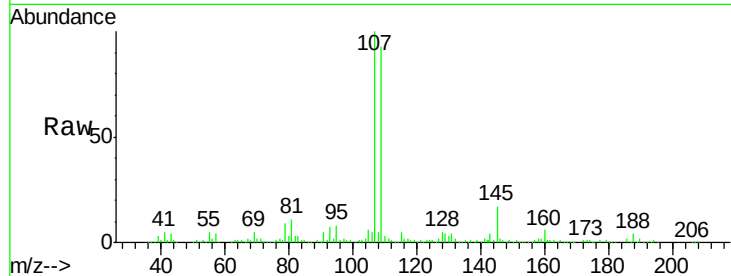
Ion Ratio Lower Upper

107 100

109 92.4 75.4 113.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 55.892 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

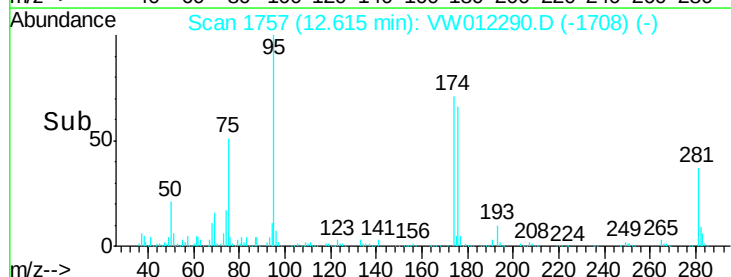
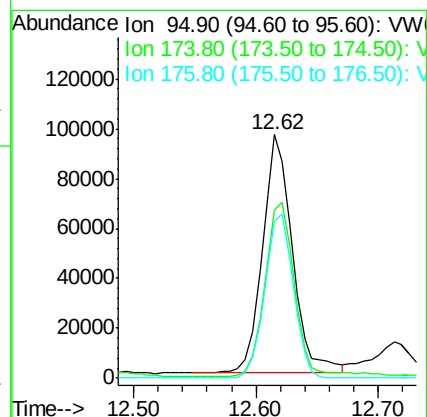
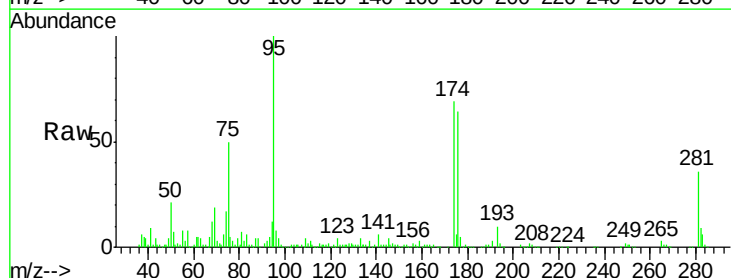
Tgt Ion: 95 Resp: 161918

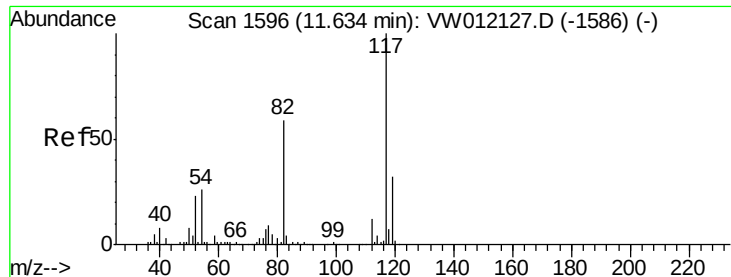
Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.8

176 66.6 0.0 148.6





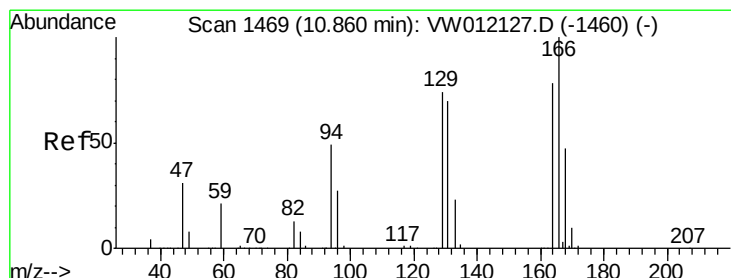
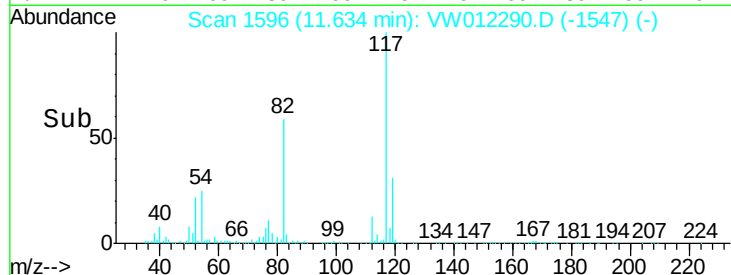
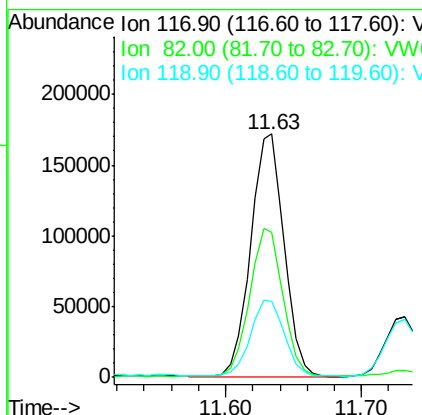
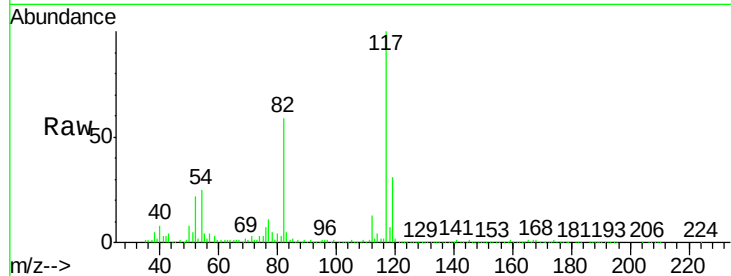
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.4	71.2
119	30.8	25.4	38.2

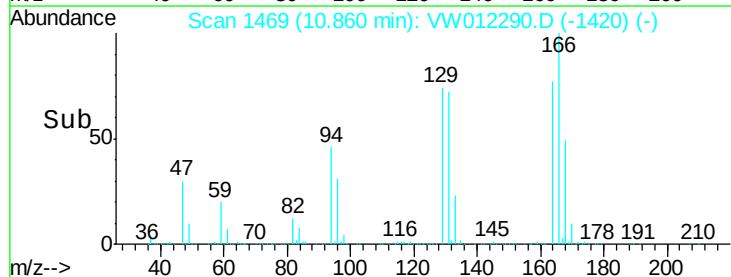
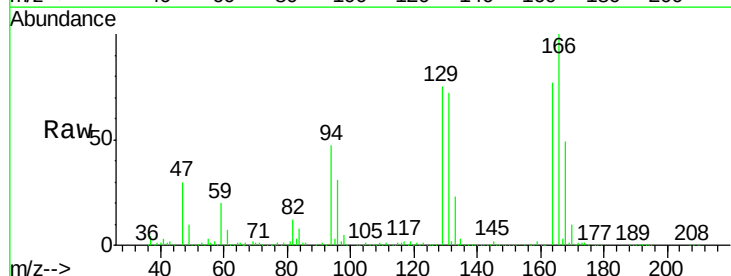
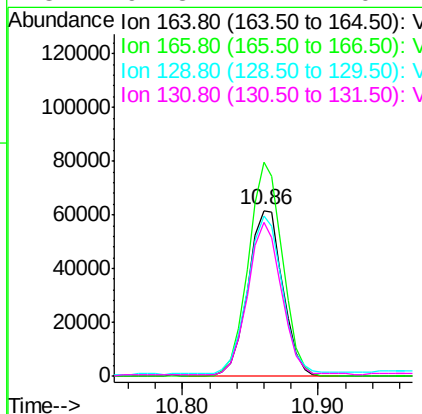
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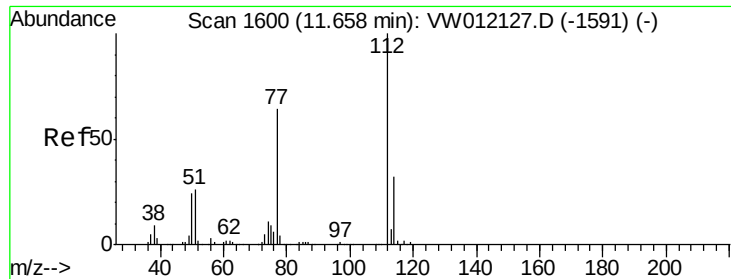
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#64
Tetrachloroethene
Concen: 57.423 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	102.4	153.6
129	95.3	75.8	113.6
131	92.3	71.4	107.2





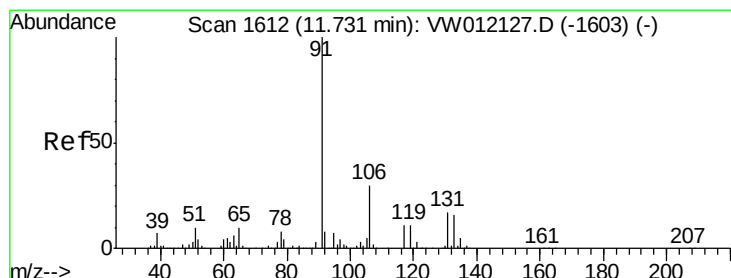
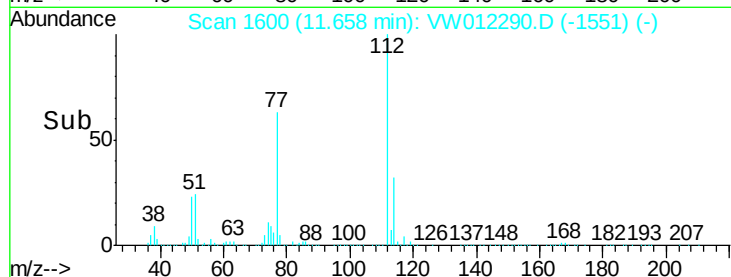
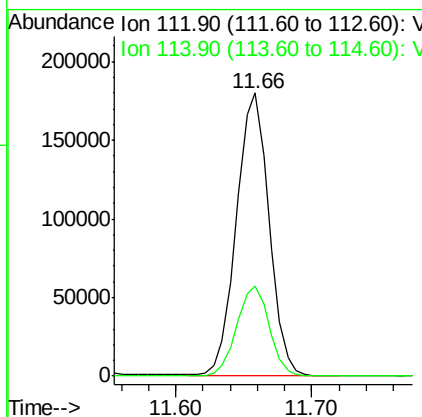
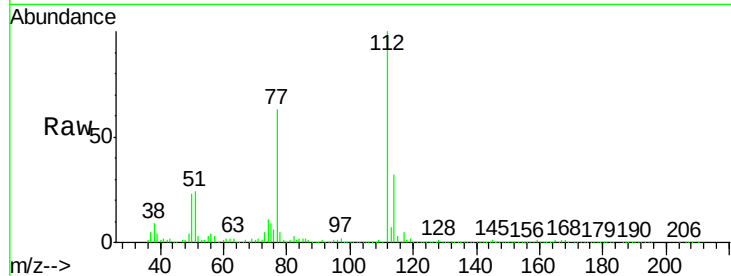
#65
Chlorobenzene
Concen: 51.755 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6

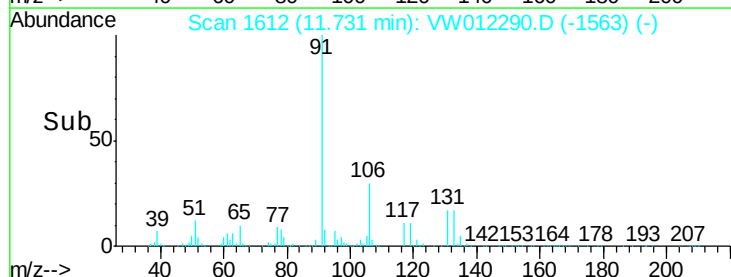
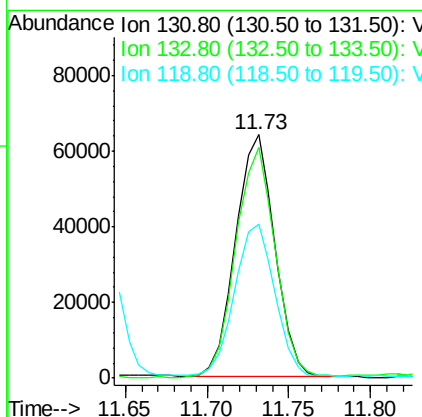
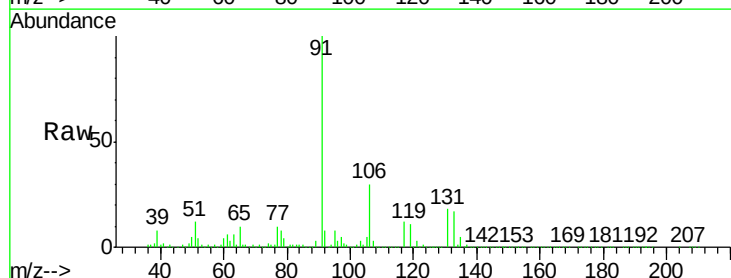
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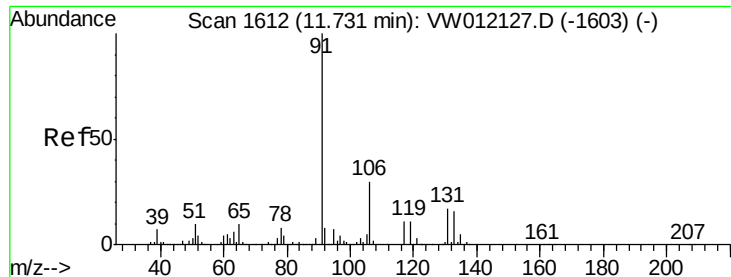
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.982 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.1	141.3
119	64.1	31.8	95.3





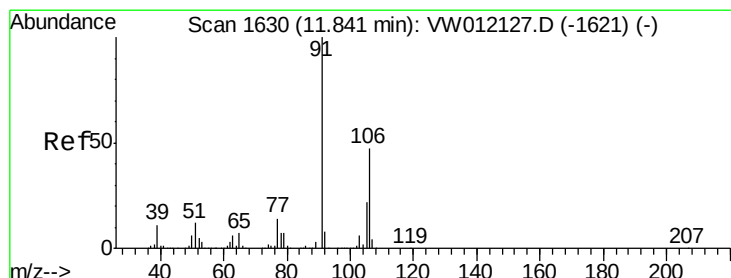
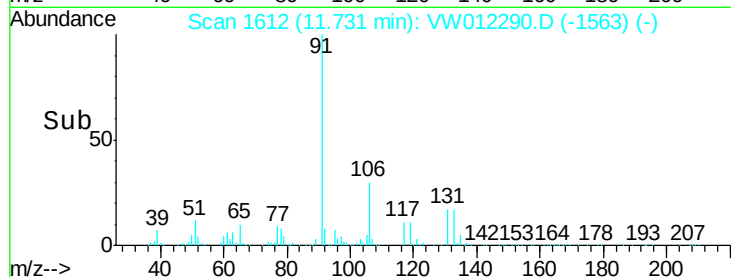
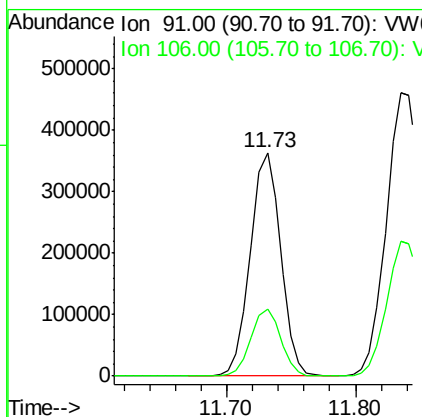
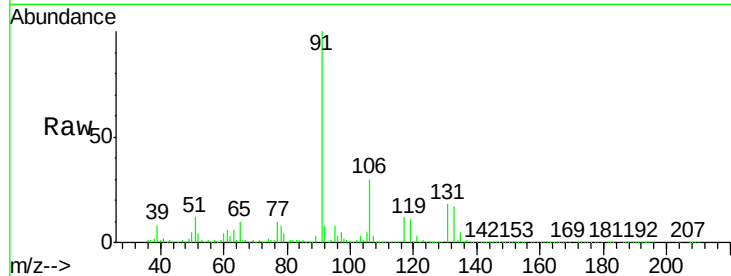
#67
Ethyl Benzene
Concen: 52.371 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 585879
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

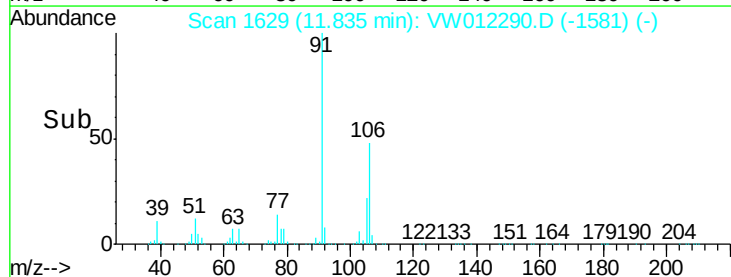
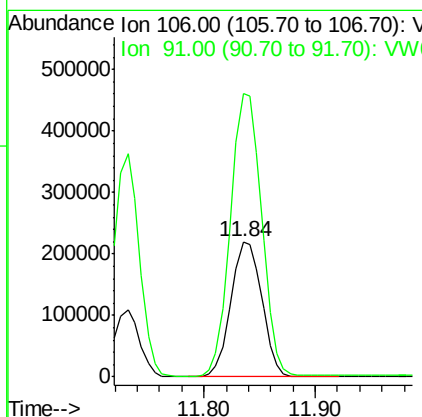
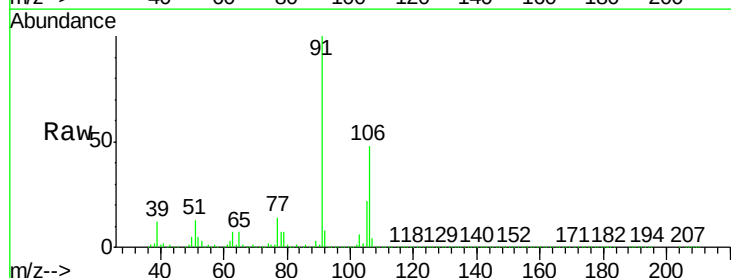
Manual Integrations
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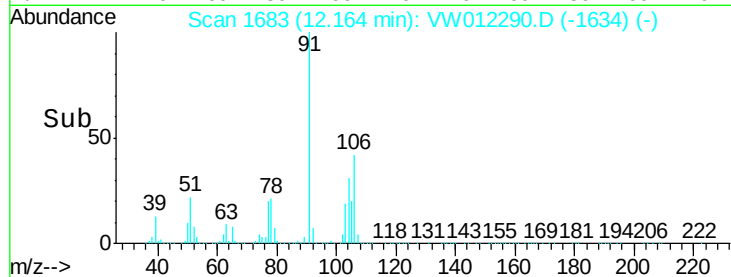
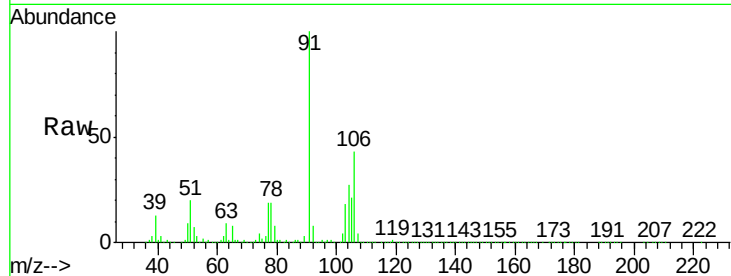
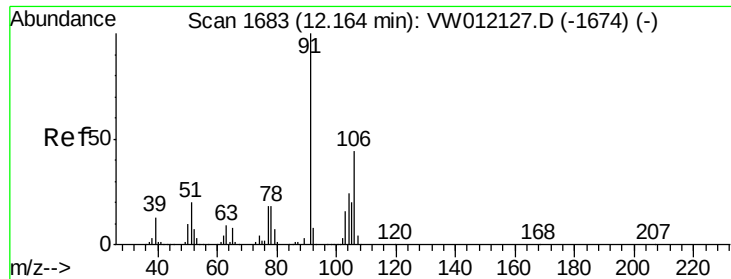
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#68
m/p-Xylenes
Concen: 104.541 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion: 106 Resp: 421267
Ion Ratio Lower Upper
106 100
91 210.8 169.5 254.3





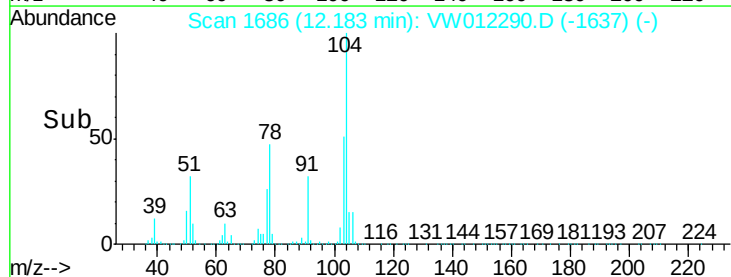
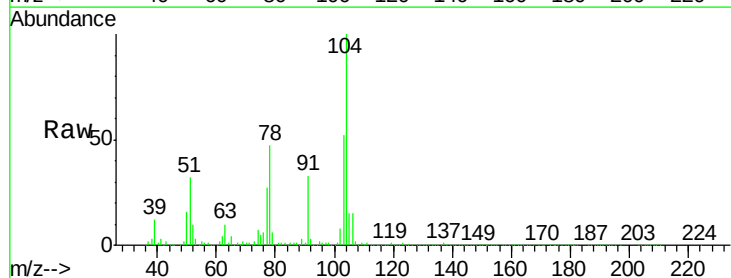
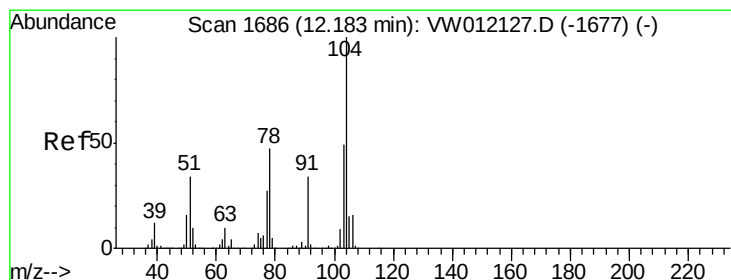
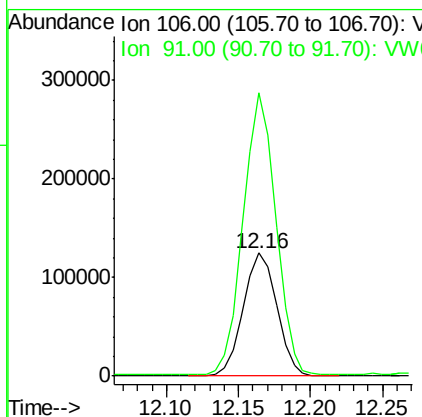
#69
o-Xylene
Concen: 53.457 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tot Ion:106 Resp: 199373
Ion Ratio Lower Upper
106 100
91 225.2 111.6 334.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

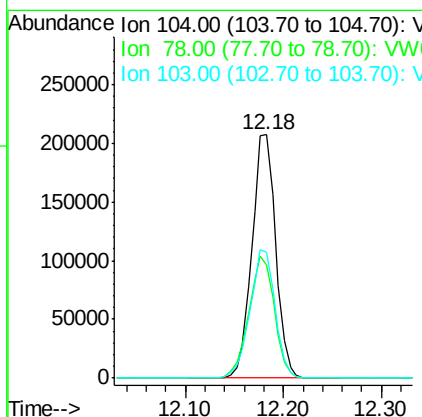
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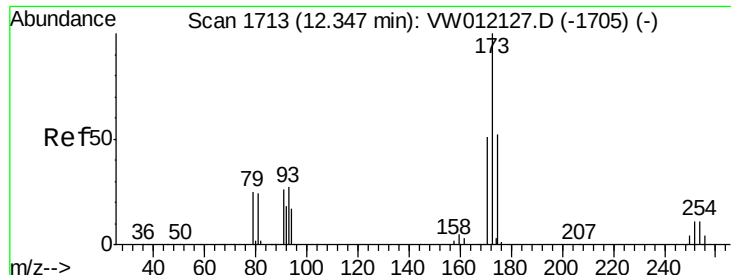
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#70
Styrene
Concen: 53.928 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion:104 Resp: 348133
Ion Ratio Lower Upper
104 100
78 53.6 43.1 64.7
103 55.5 43.5 65.3





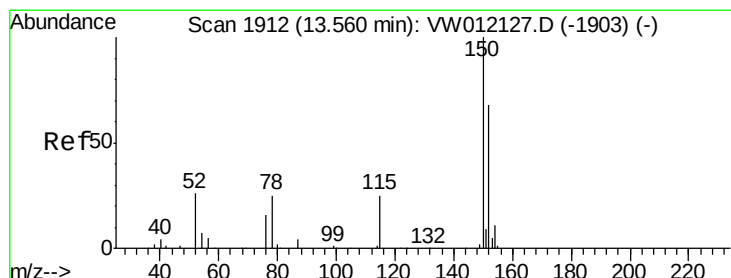
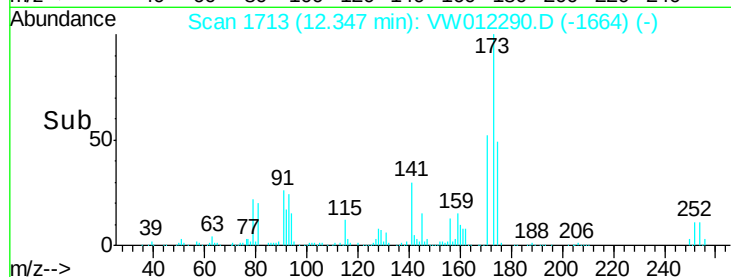
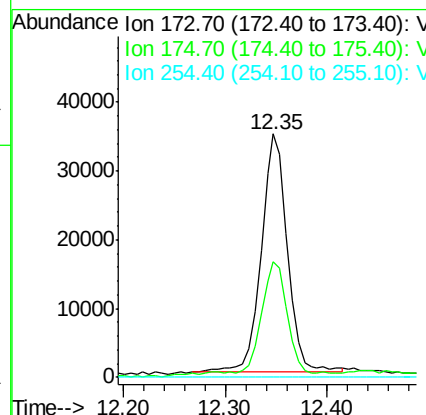
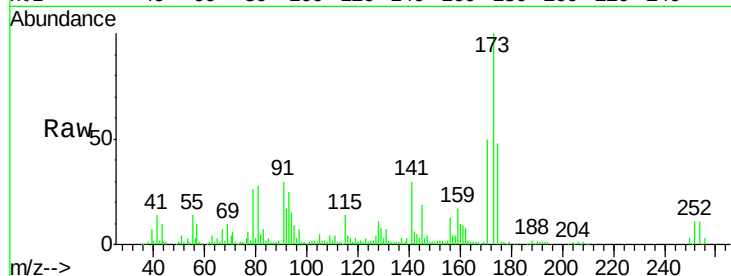
#71
Bromoform
Concen: 61.533 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	45.3	24.6	74.0	
254	0.1	0.2	0.2	

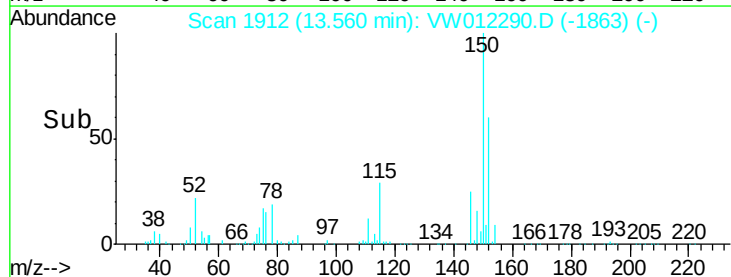
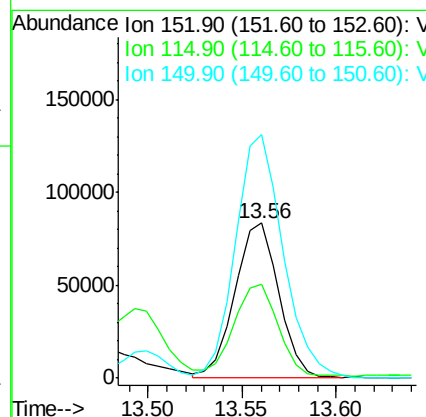
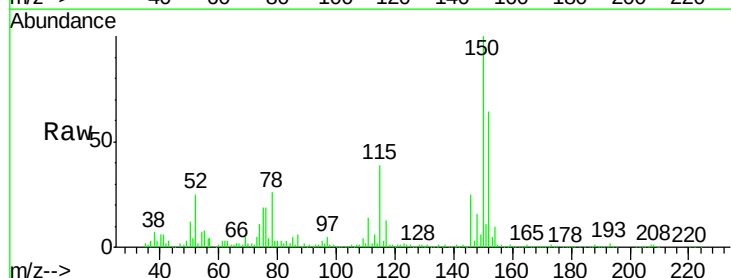
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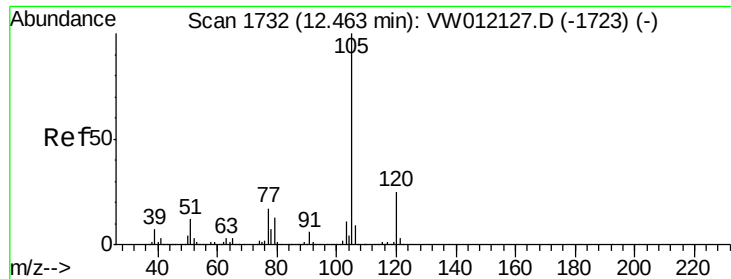
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	60.2	30.1	90.3	
150	171.4	0.0	345.8	





#73

Isopropylbenzene

Concen: 56.077 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 561443

Ion Ratio Lower Upper

105 100

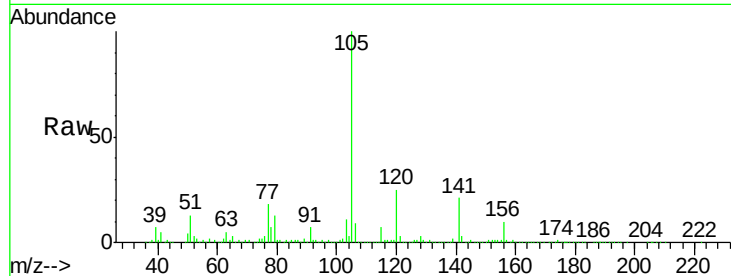
120 25.7 12.5 37.5

Manual Integrations

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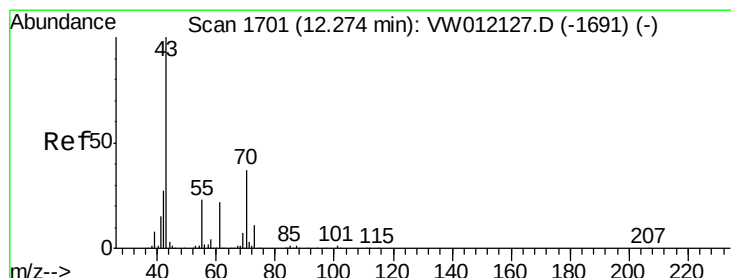
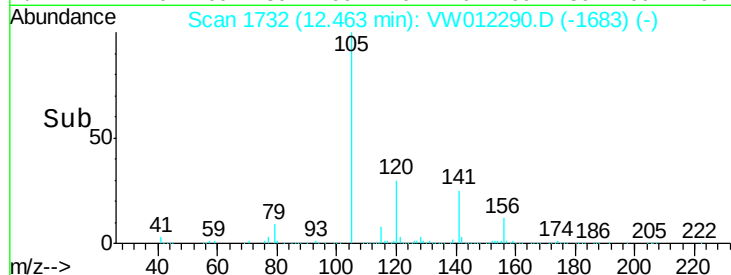
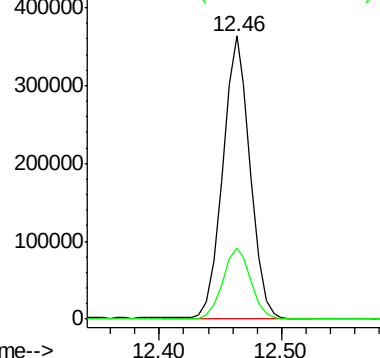
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 66.328 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Tgt Ion: 43 Resp: 200634

Ion Ratio Lower Upper

43 100

70 36.7 28.6 43.0

55 22.8 17.8 26.6

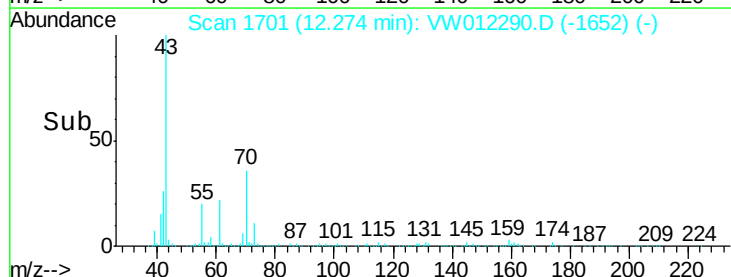
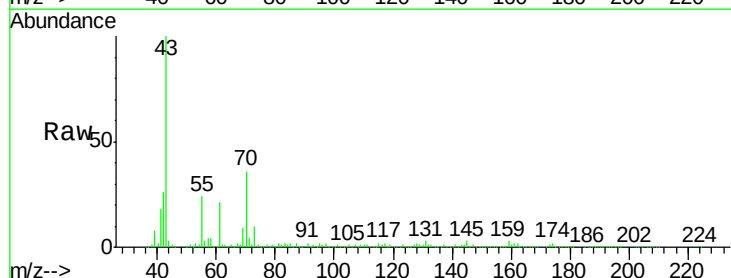
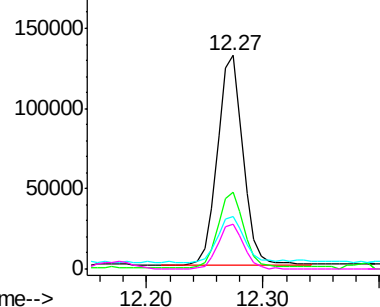
61 21.5 17.3 25.9

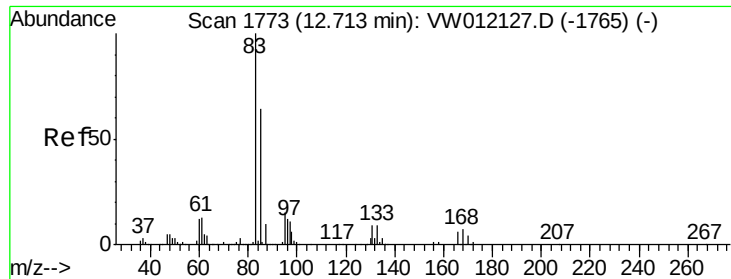
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 63.834 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

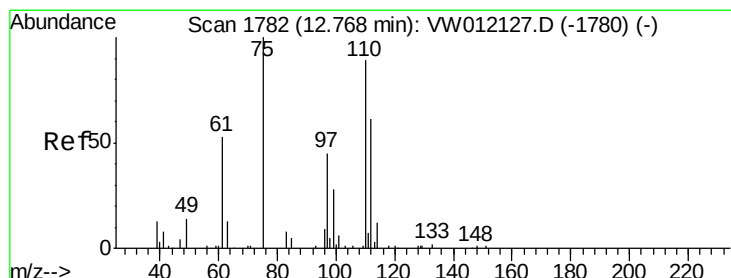
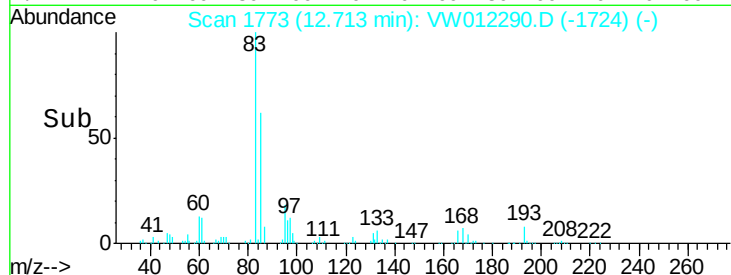
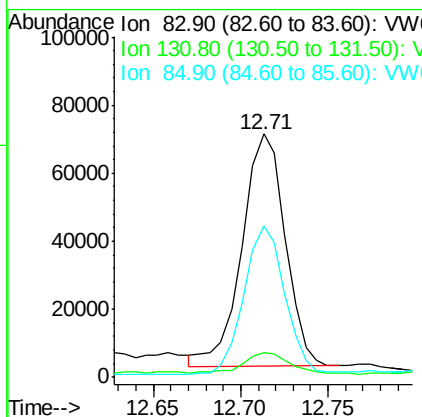
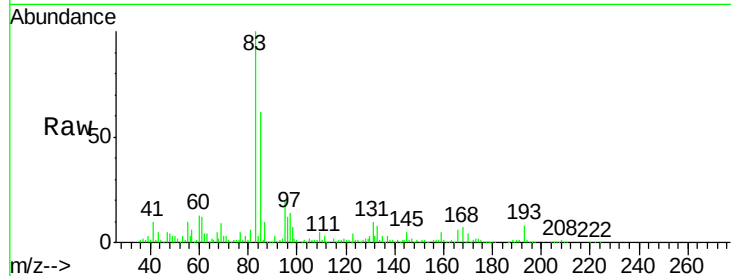
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	117166
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.9	14.7
85	61.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 59.861 ug/l m

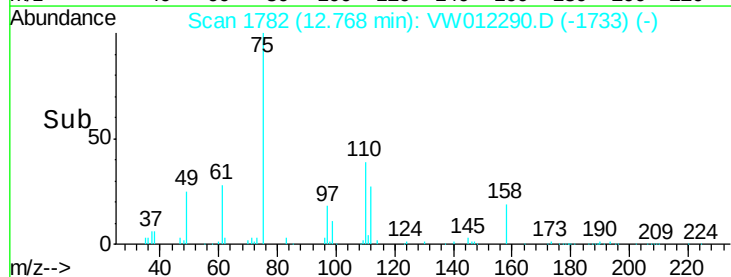
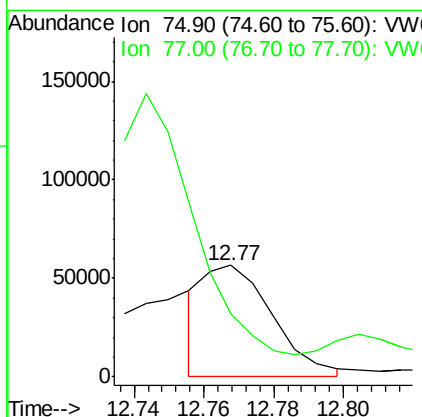
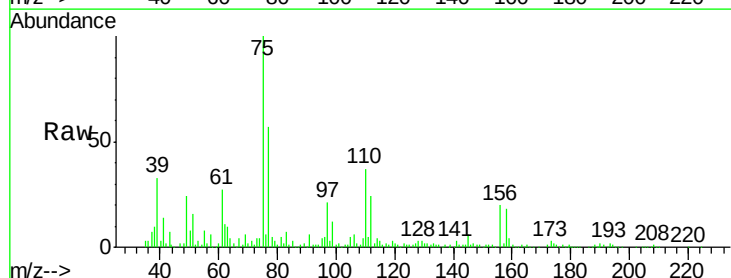
RT: 12.77 min Scan# 1782

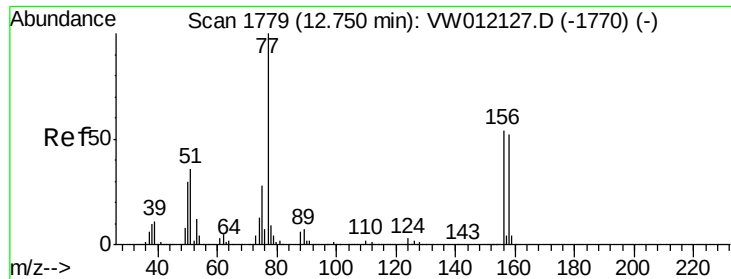
Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Tgt Ion:	75	Resp:	77898
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 58.152 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

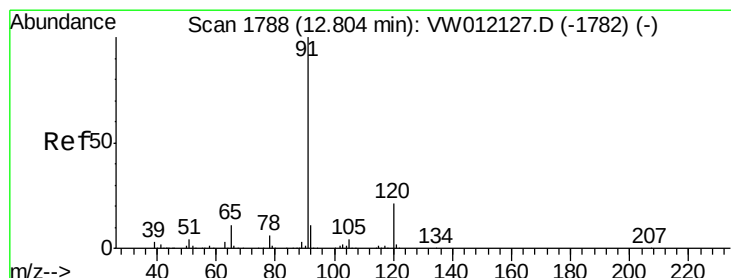
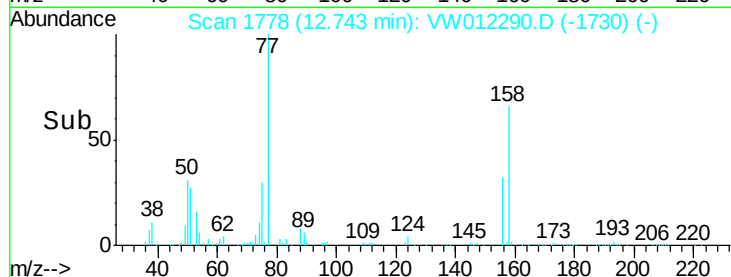
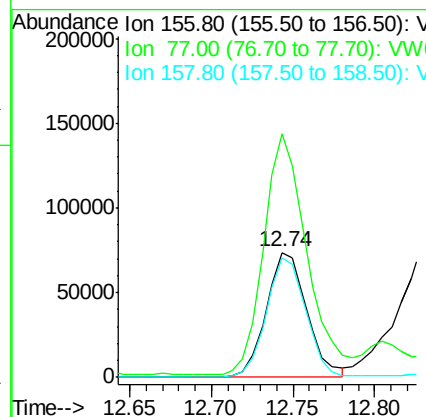
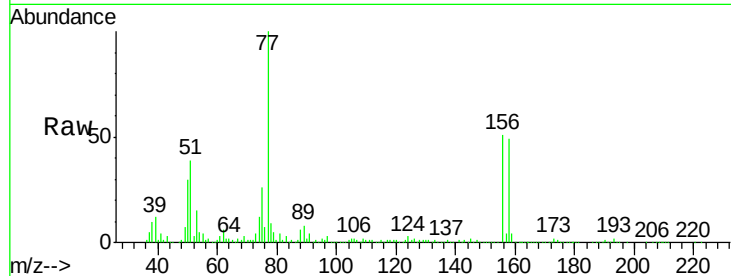
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	125957
Ion Ratio	Lower	Upper	
156	100		
77	205.5	107.3	321.8
158	94.9	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 54.159 ug/l

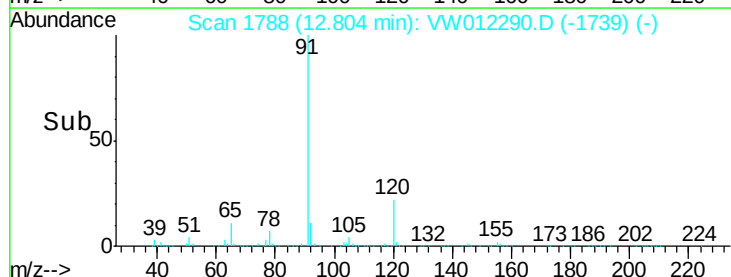
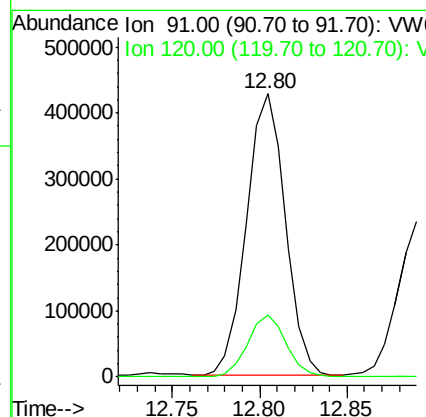
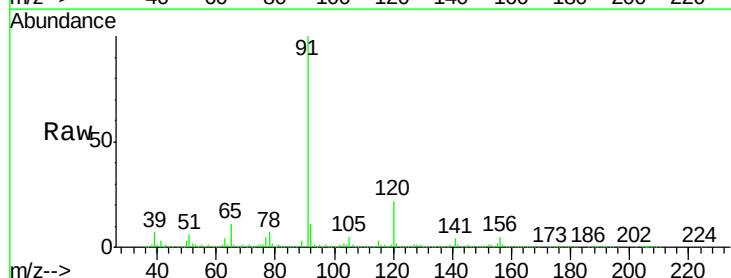
RT: 12.80 min Scan# 1788

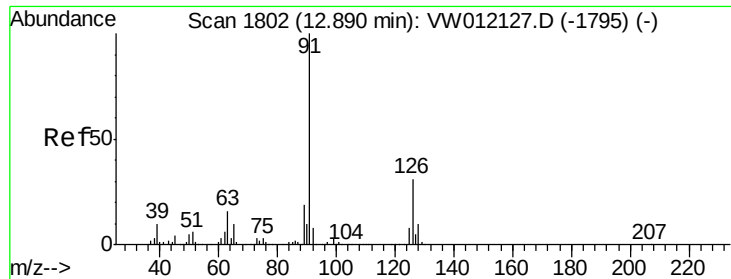
Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Tgt Ion:	91	Resp:	661966
Ion Ratio	Lower	Upper	
91	100		
120	21.4	10.5	31.6





#79

2-Chlorotoluene

Concen: 54.360 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 377218

Ion Ratio Lower Upper

91 100

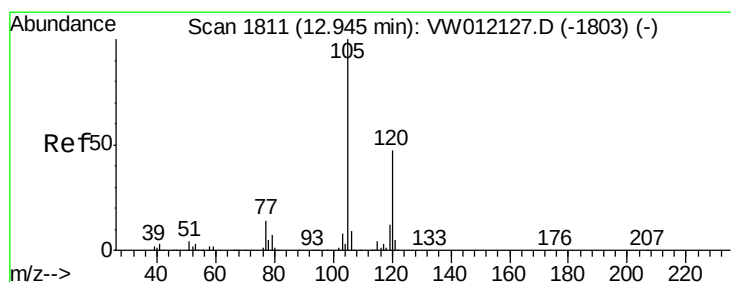
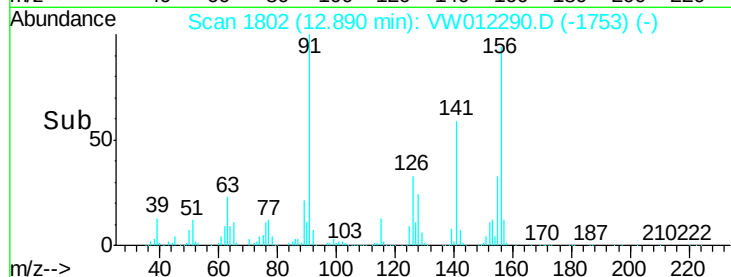
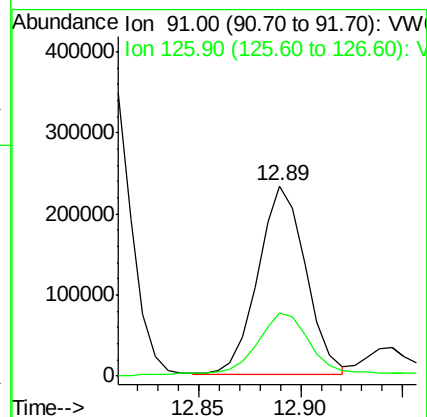
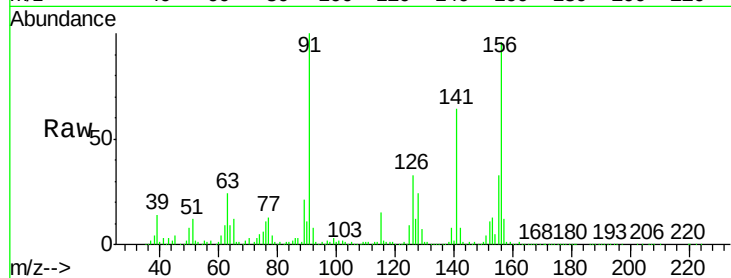
126 40.4 15.7 47.0

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#80

1,3,5-Trimethylbenzene

Concen: 54.759 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012290.D

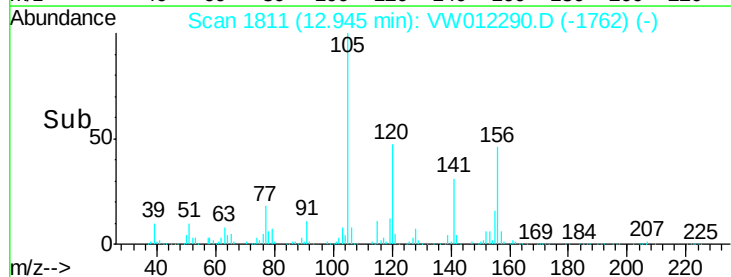
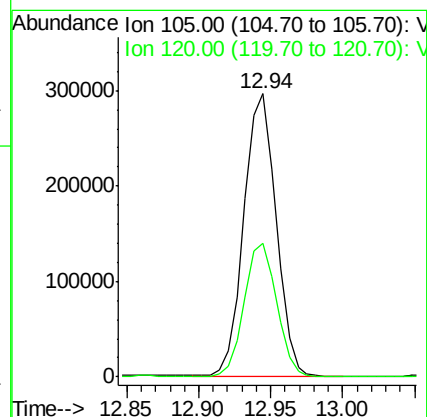
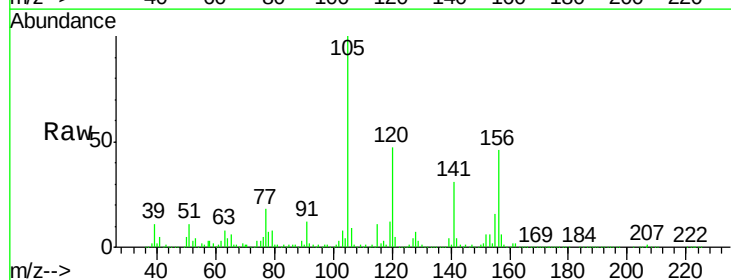
Acq: 29 Aug 2019 08:29

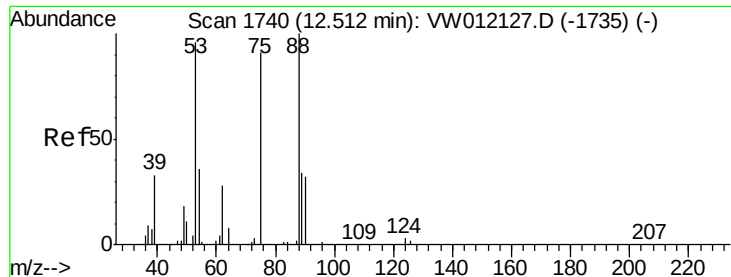
Tgt Ion:105 Resp: 458111

Ion Ratio Lower Upper

105 100

120 47.5 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 64.192 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 38099

Ion Ratio Lower Upper

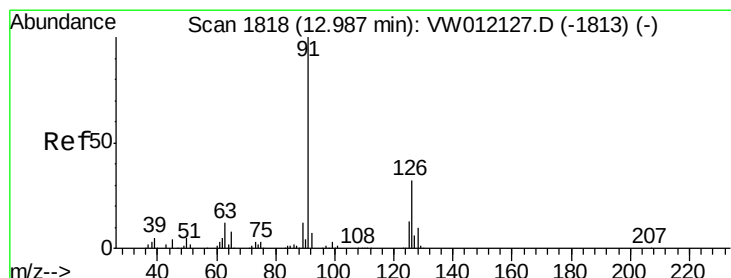
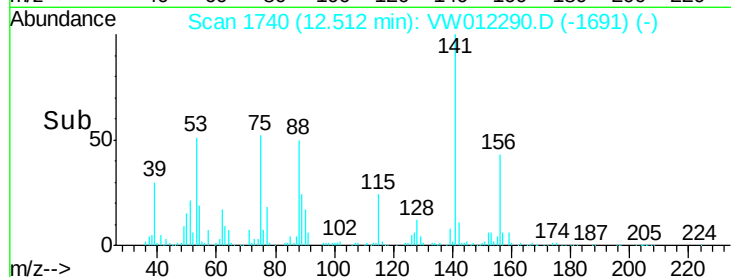
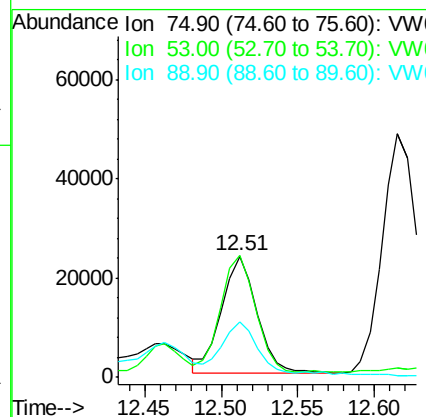
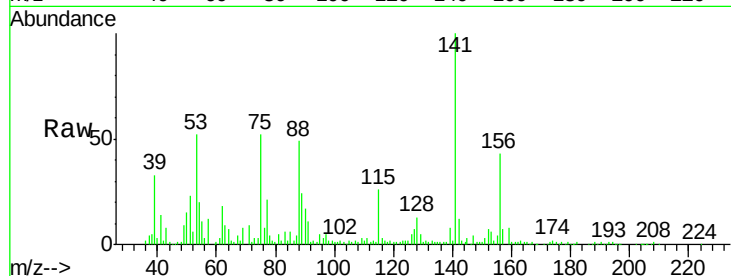
75 100

53 97.3 89.4 134.0

89 52.0 34.5 51.7#

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#82

4-Chlorotoluene

Concen: 52.677 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012290.D

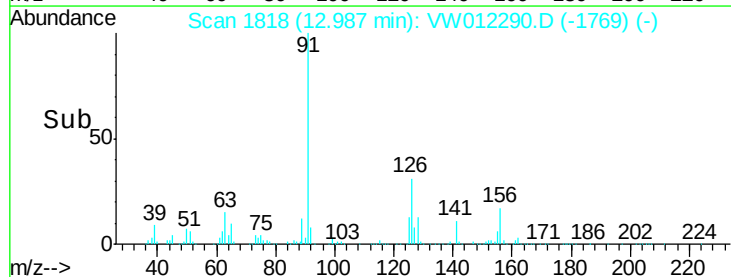
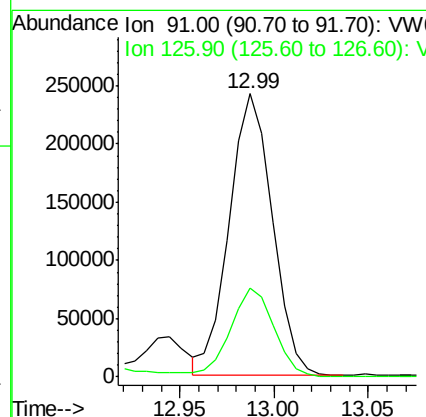
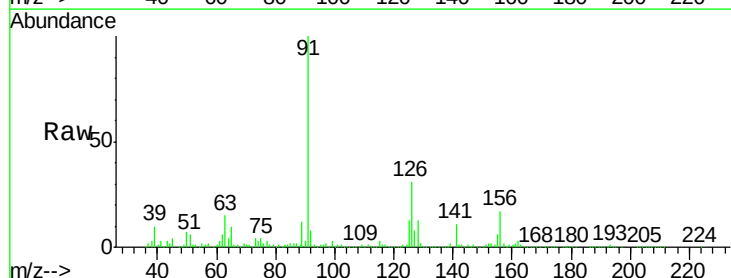
Acq: 29 Aug 2019 08:29

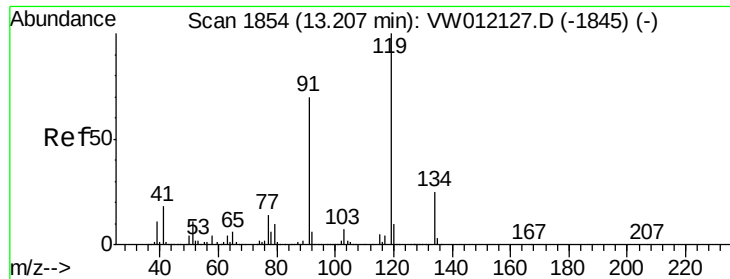
Tgt Ion: 91 Resp: 382746

Ion Ratio Lower Upper

91 100

126 31.7 15.6 46.8





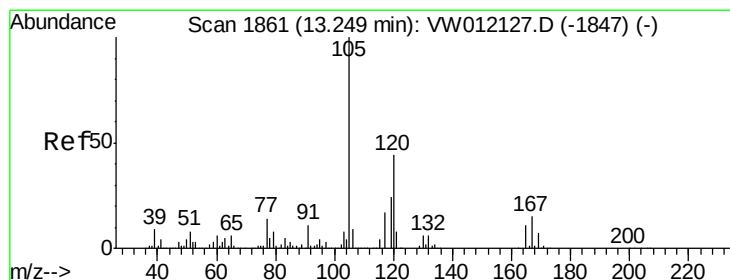
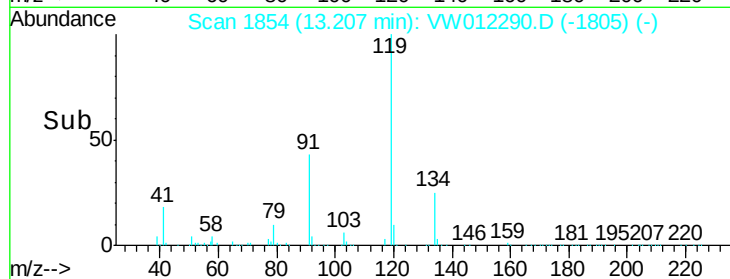
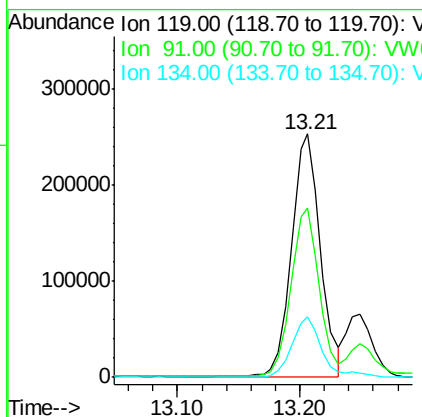
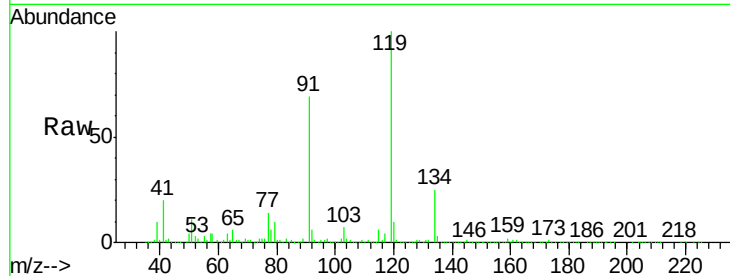
#83
tert-Butylbenzene
Concen: 58.487 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	34.8	104.3
134	24.4	13.3	39.8

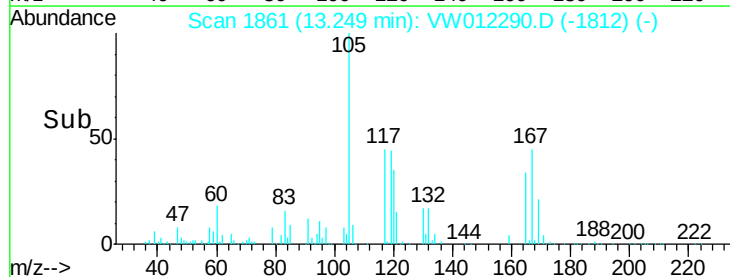
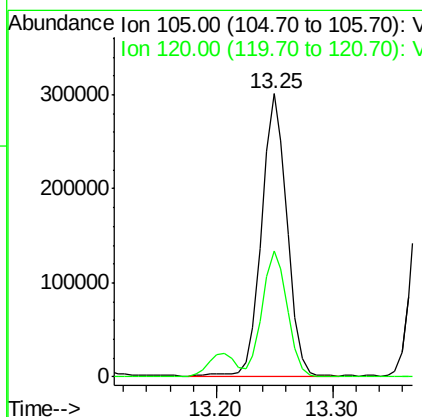
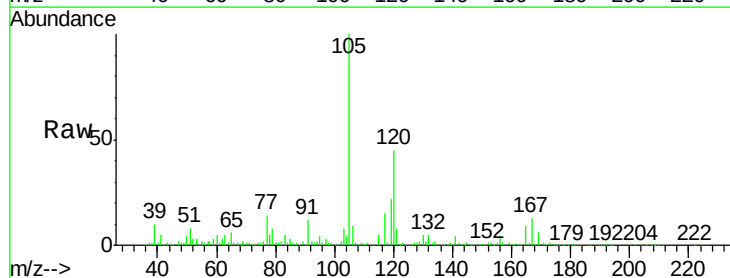
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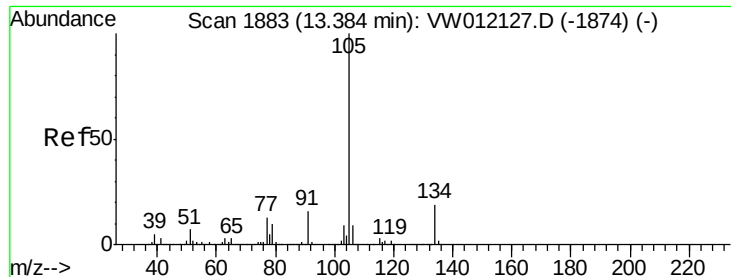
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#84
1,2,4-Trimethylbenzene
Concen: 53.888 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.7





#85

sec-Butylbenzene

Concen: 54.975 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 558152

Ion Ratio Lower Upper

105 100

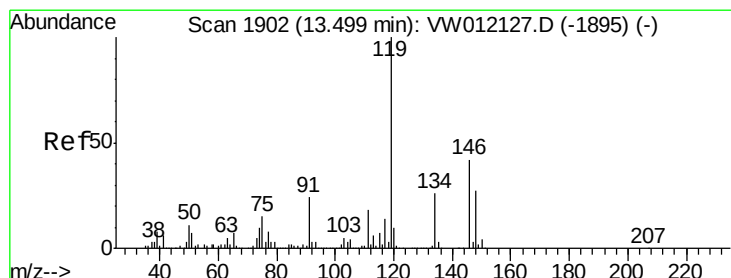
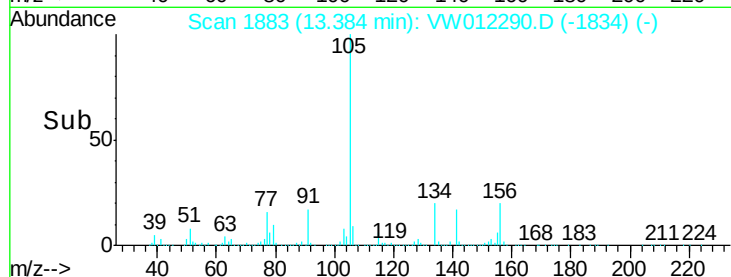
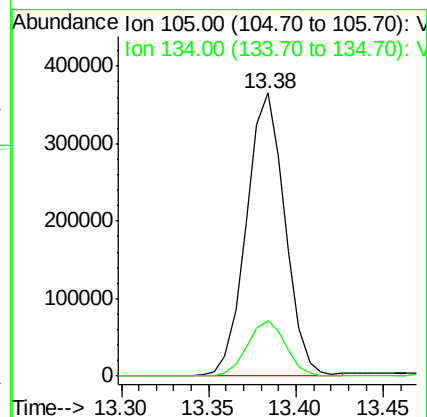
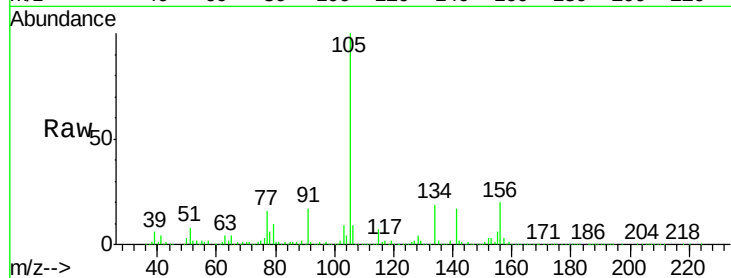
134 19.7 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 55.449 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012290.D

Acq: 29 Aug 2019 08:29

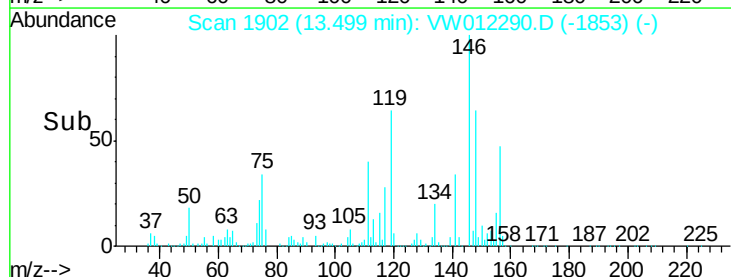
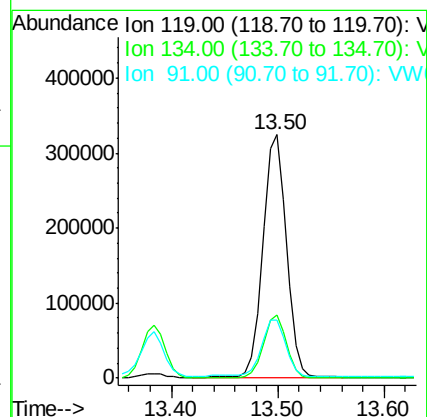
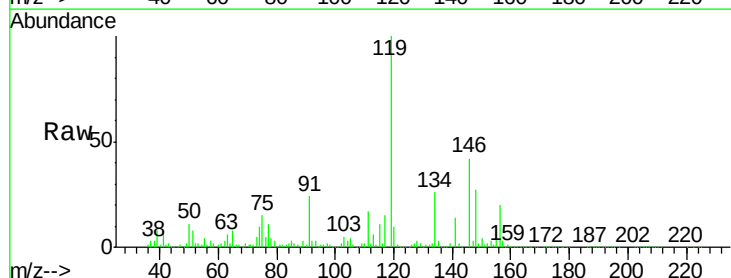
Tgt Ion:119 Resp: 502766

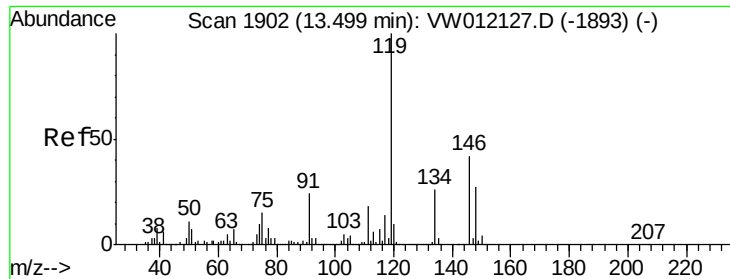
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

91 25.4 12.3 36.9





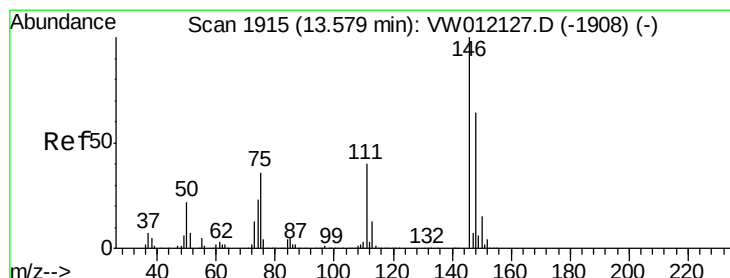
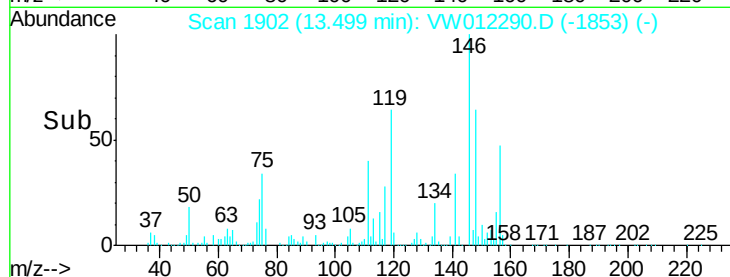
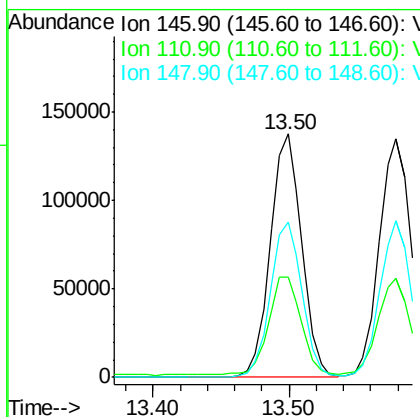
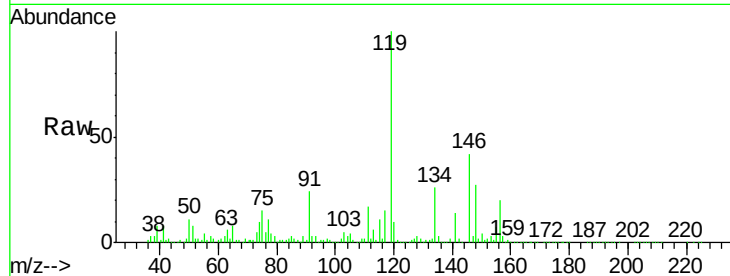
#87
 1,3-Dichlorobenzene
 Concen: 52.071 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.7
148	63.9	32.2	96.6

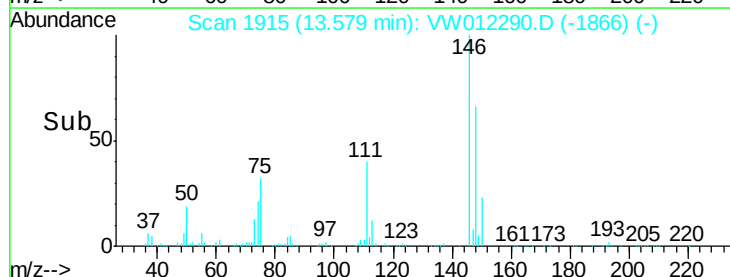
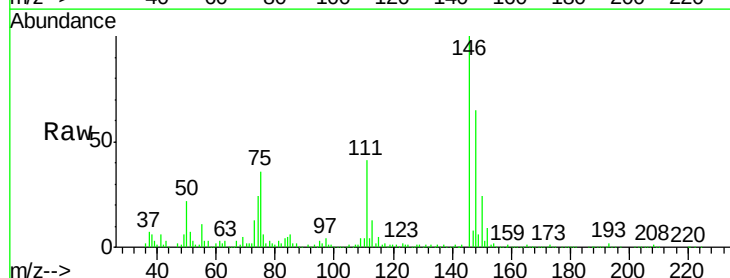
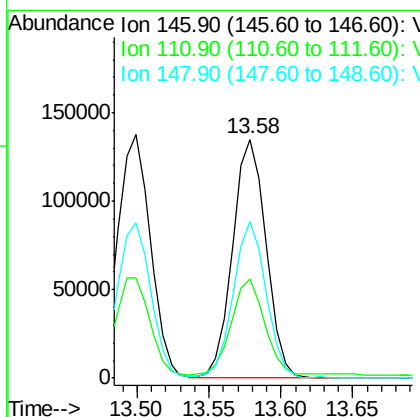
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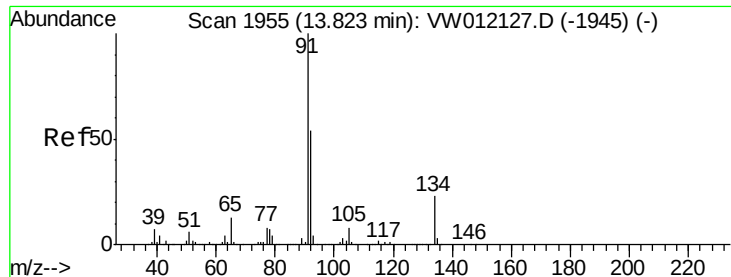
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#88
 1,4-Dichlorobenzene
 Concen: 52.139 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	63.2	32.1	96.3





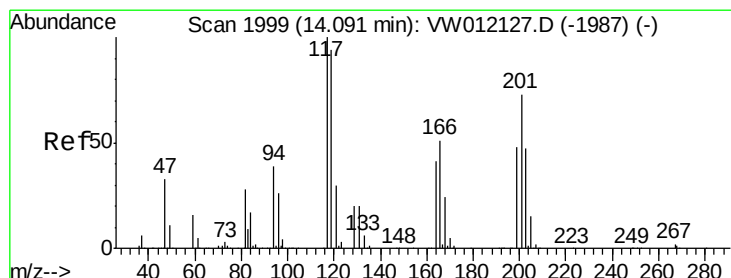
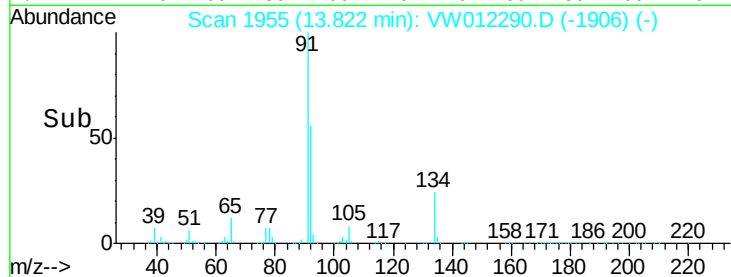
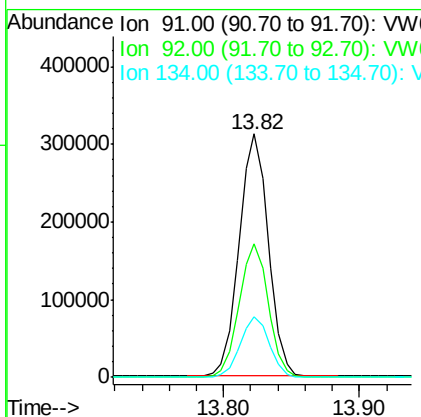
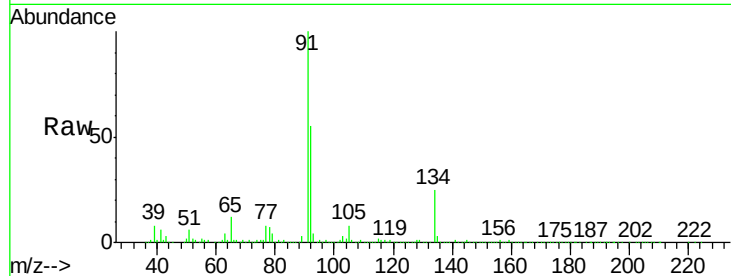
#89
n-Butylbenzene
Concen: 51.650 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.1	81.2
134	24.9	12.2	36.4

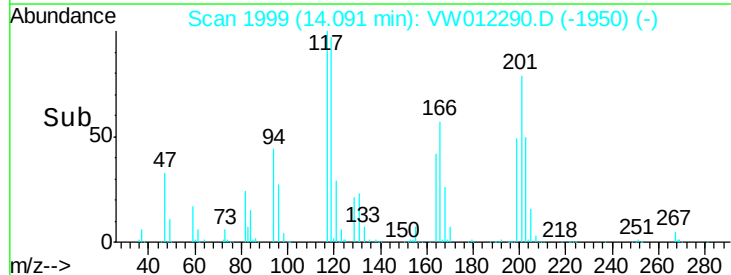
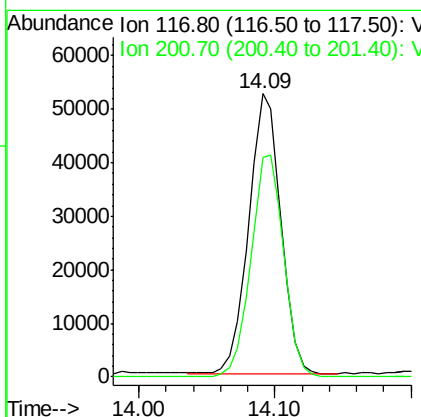
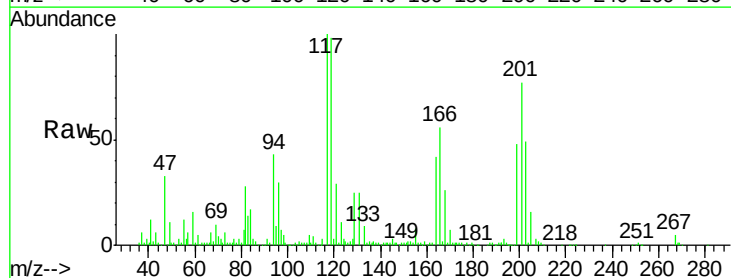
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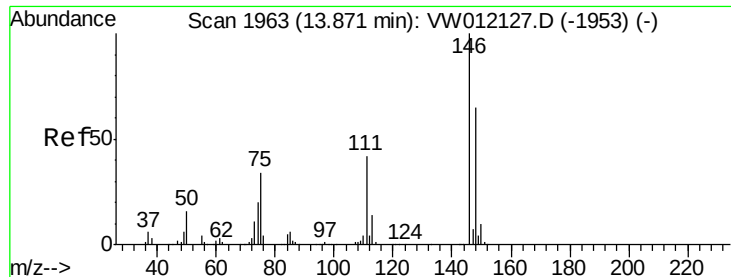
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#90
Hexachloroethane
Concen: 54.435 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	38.6	115.7





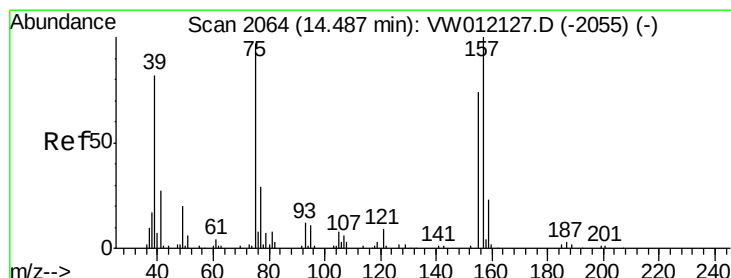
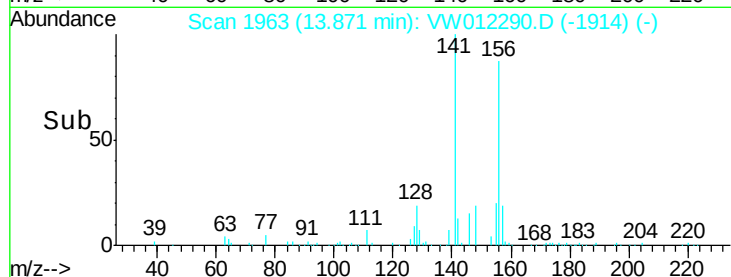
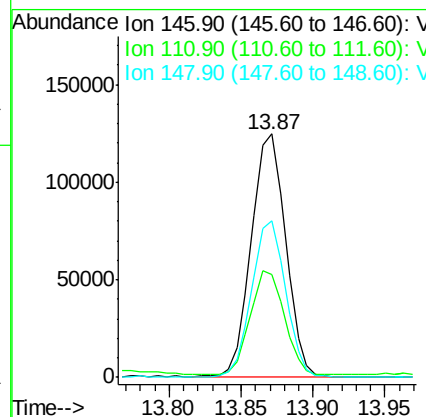
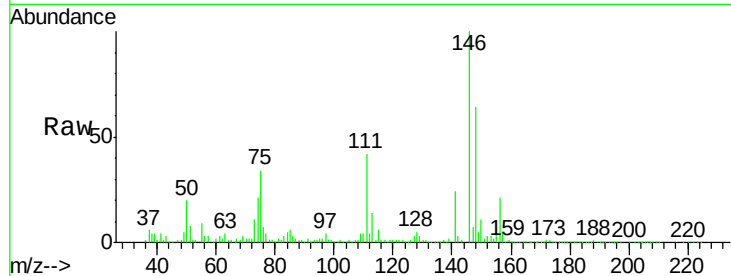
#91
 1,2-Dichlorobenzene
 Concen: 54.964 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	63.7	32.5	97.4

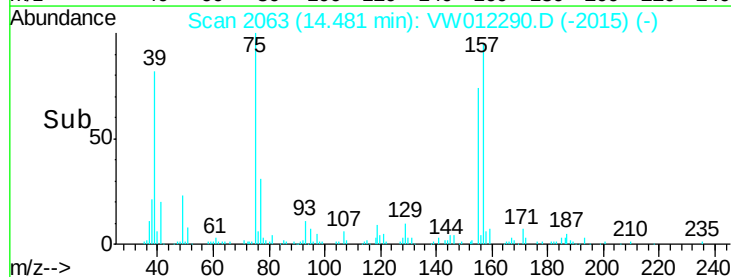
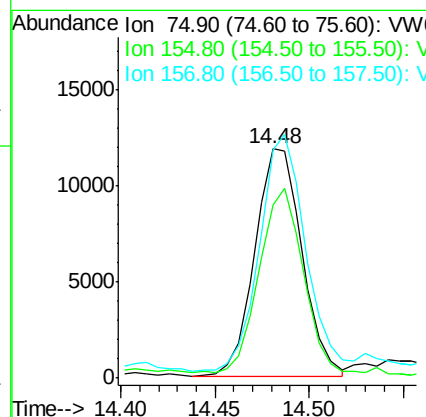
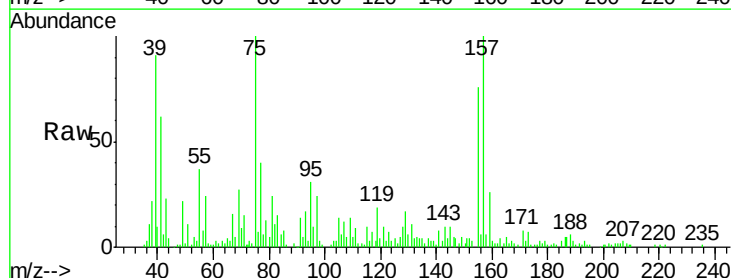
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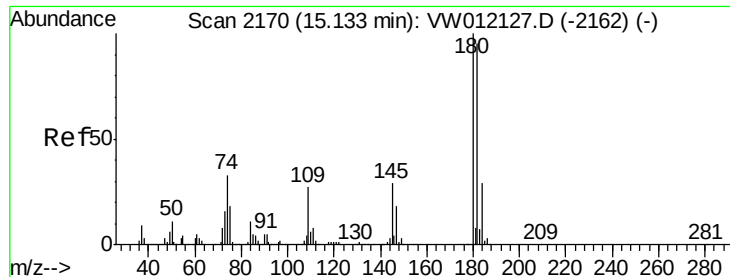
MMDadoda
 8/29/2019 9:41:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 66.176 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	37.5	112.3
157	101.7	50.5	151.5





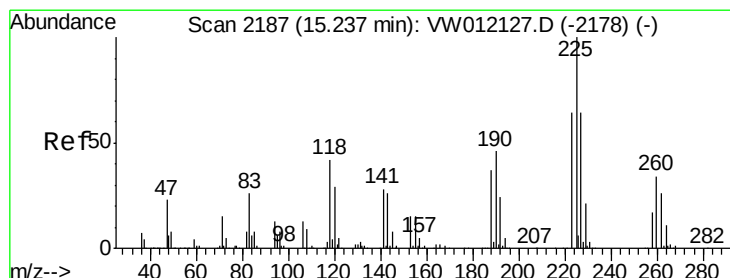
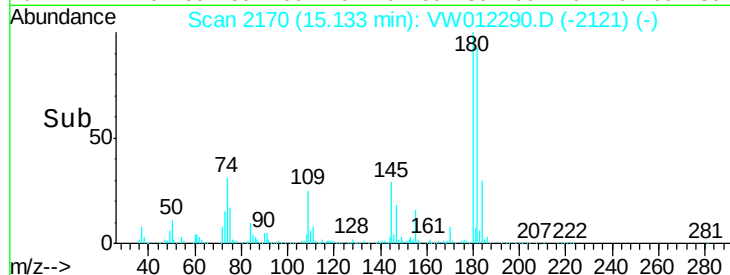
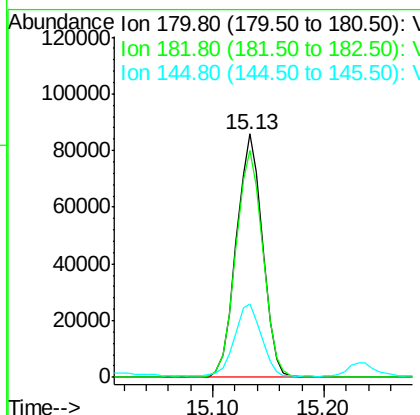
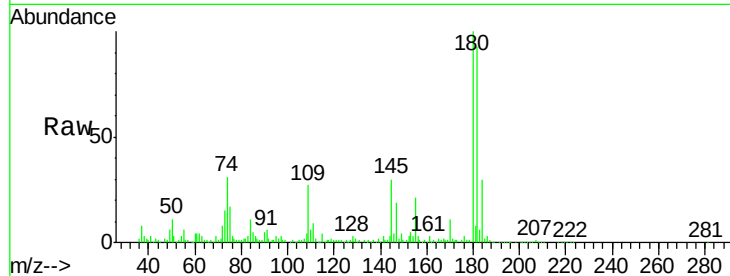
#93
 1,2,4-Trichlorobenzene
 Concen: 54.082 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138904		
182	96.6	47.8	143.4	
145	30.7	15.0	45.1	

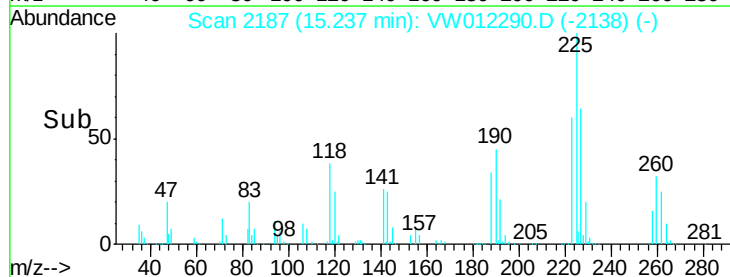
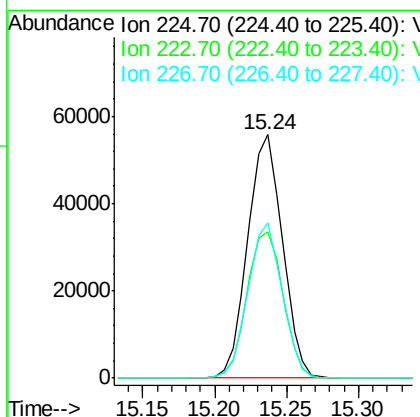
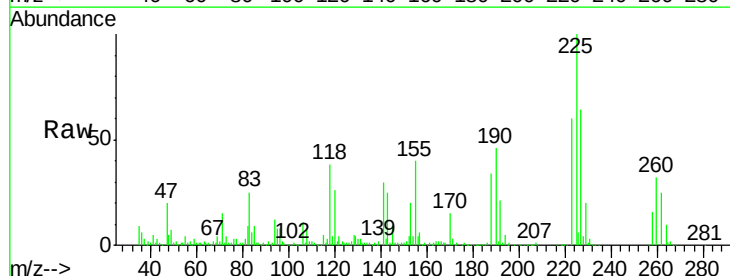
Manual Integrations
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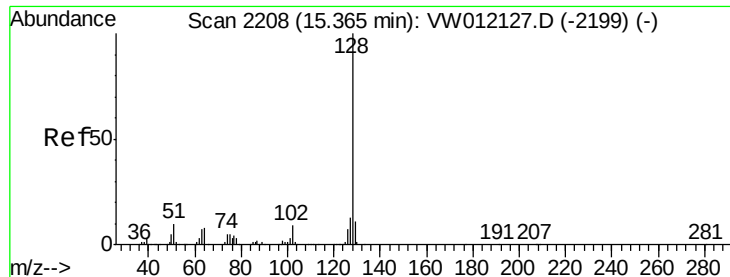
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 54.881 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012290.D
 Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93072		
223	62.5	32.3	96.8	
227	62.8	32.9	98.6	





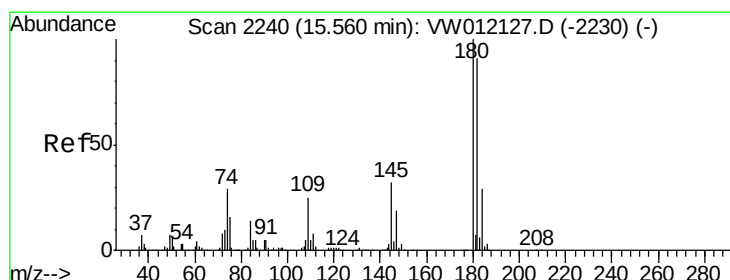
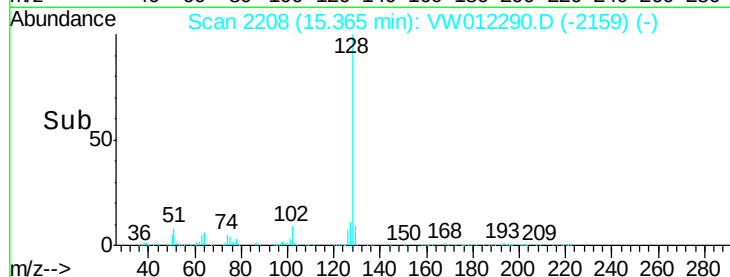
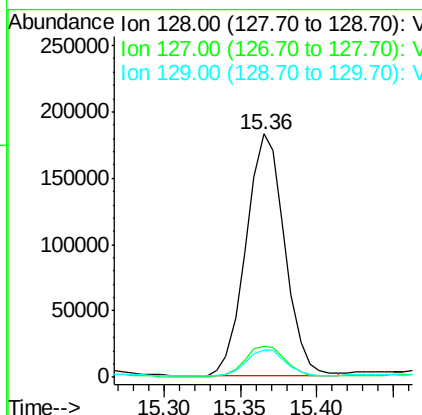
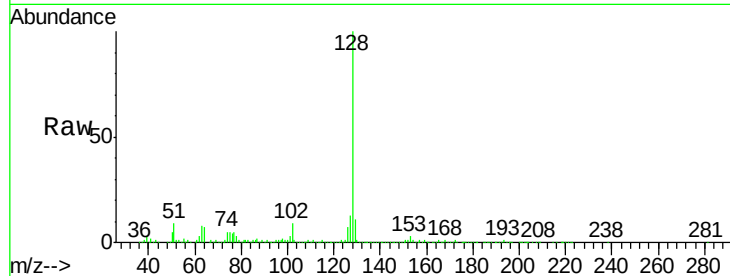
#95
Naphthalene
Concen: 62.708 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/29/2019 9:41:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.019 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012290.D
Acq: 29 Aug 2019 08:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.3
145	32.9	16.2	48.5

