

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012172.D
 Acq On : 26 Aug 2019 15:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:14 AM

Quant Time: Aug 27 05:31:48 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	234288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153821	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	148149	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
35) Dibromofluoromethane	7.88	113	119557	54.95	ug/l	0.00
Spiked Amount			Recovery	=	109.90%	
50) Toluene-d8	10.32	98	496028	56.22	ug/l	0.00
Spiked Amount			Recovery	=	112.44%	
62) 4-Bromofluorobenzene	12.62	95	172082	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	83632	57.973	ug/l	94
3) Chloromethane	2.20	50	115666	51.752	ug/l	99
4) Vinyl Chloride	2.35	62	142151	51.964	ug/l	100
5) Bromomethane	2.77	94	78613	56.744	ug/l	98
6) Chloroethane	2.92	64	78680	50.986	ug/l	94
7) Trichlorofluoromethane	3.24	101	79430	57.826	ug/l	98
8) Diethyl Ether	3.67	74	69111	53.007	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	127084	54.430	ug/l	99
10) Methyl Iodide	4.26	142	169464	53.643	ug/l	99
11) Tert butyl alcohol	5.11	59	5379	32.093	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	128621	54.732	ug/l	99
13) Acrolein	3.90	56	40317	255.540	ug/l	96
14) Allyl chloride	4.66	41	275815	54.900	ug/l	100
15) Acrylonitrile	5.38	53	169759	262.685	ug/l	99
16) Acetone	4.17	43	191122	268.455	ug/l	100
17) Carbon Disulfide	4.37	76	383104	53.942	ug/l	100
18) Methyl Acetate	4.69	43	89540	50.779	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	203081	53.437	ug/l	99
20) Methylene Chloride	4.91	84	137393	51.049	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	139070	55.186	ug/l	97
22) Diisopropyl ether	6.31	45	507592	54.507	ug/l	98
23) Vinyl Acetate	6.26	43	1593594	278.064	ug/l	100
24) 1,1-Dichloroethane	6.21	63	274653	54.167	ug/l	99
25) 2-Butanone	7.19	43	246840	255.149	ug/l	99
26) 2,2-Dichloropropane	7.16	77	156489	54.527	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	147078	54.626	ug/l	99
28) Bromochloromethane	7.51	49	115716	52.361	ug/l	99
29) Tetrahydrofuran	7.54	42	154453	266.106	ug/l	100
30) Chloroform	7.67	83	250858	54.076	ug/l	99
31) Cyclohexane	7.95	56	262043	52.236	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	200822	54.723	ug/l	99
36) 1,1-Dichloropropene	8.08	75	212739	56.473	ug/l	99
37) Ethyl Acetate	7.26	43	110094	53.332	ug/l	99
38) Carbon Tetrachloride	8.07	117	187692	57.566	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241645	57.099	ug/l	99
40) Benzene	8.32	78	576723	56.067	ug/l	99
41) Methacrylonitrile	7.49	41	66063	54.451	ug/l	97
42) 1,2-Dichloroethane	8.40	62	178598	55.400	ug/l	100
43) Isopropyl Acetate	8.43	43	208903	54.633	ug/l	100
44) Trichloroethene	9.09	130	141498	56.587	ug/l	100
45) 1,2-Dichloropropane	9.37	63	153877	55.585	ug/l	98
46) Dibromomethane	9.46	93	68686	55.764	ug/l	99
47) Bromodichloromethane	9.65	83	181420	55.343	ug/l	99
48) Methyl methacrylate	9.43	41	101558	55.804	ug/l	97
49) 1,4-Dioxane	9.53	88	17914	950.034	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	541576	278.465	ug/l	99
52) Toluene	10.38	92	352043	56.970	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190719	57.116	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	228146	56.586	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97058	55.694	ug/l	98
56) Ethyl methacrylate	10.65	69	145360	57.310	ug/l	99
57) 1,3-Dichloropropane	10.93	76	184397	55.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	352553	270.836	ug/l	99
59) 2-Hexanone	10.97	43	394140	286.415	ug/l	100
60) Dibromochloromethane	11.13	129	110565	56.960	ug/l	99
61) 1,2-Dibromoethane	11.23	107	91149	56.141	ug/l	99
64) Tetrachloroethene	10.86	164	115743	56.094	ug/l	98
65) Chlorobenzene	11.66	112	345195	55.083	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121619	55.629	ug/l	99
67) Ethyl Benzene	11.73	91	686036	56.829	ug/l	99
68) m/p-Xylenes	11.84	106	495685	113.991	ug/l	99
69) o-Xylene	12.16	106	226845	56.364	ug/l	99
70) Styrene	12.18	104	392582	56.355	ug/l	100
71) Bromoform	12.35	173	60747	55.770	ug/l	99
73) Isopropylbenzene	12.46	105	638230	55.373	ug/l	98
74) N-amyl acetate	12.27	43	196932	56.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	116534	55.149	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78479m	52.385	ug/l	
77) Bromobenzene	12.74	156	136557	54.764	ug/l	99
78) n-propylbenzene	12.80	91	789956	56.141	ug/l	99
79) 2-Chlorotoluene	12.89	91	442179	55.351	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	537359	55.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38604	56.498	ug/l	99
82) 4-Chlorotoluene	12.99	91	467375	55.874	ug/l	99
83) tert-Butylbenzene	13.21	119	453579	55.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	535330	55.333	ug/l	99
85) sec-Butylbenzene	13.38	105	654872	56.028	ug/l	99
86) p-Isopropyltoluene	13.50	119	587170	56.251	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	268263	55.003	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	267746	55.288	ug/l	99
89) n-Butylbenzene	13.82	91	595031	57.323	ug/l	99
90) Hexachloroethane	14.09	117	101683	55.523	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	238118	55.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19629	55.102	ug/l	96

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QLast Update : Mon Aug 26 07:18:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	172543	58.355	ug/l	99
94) Hexachlorobutadiene	15.24	225	111731	57.228	ug/l	98
95) Naphthalene	15.36	128	316219	54.112	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	150478	58.331	ug/l	100

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

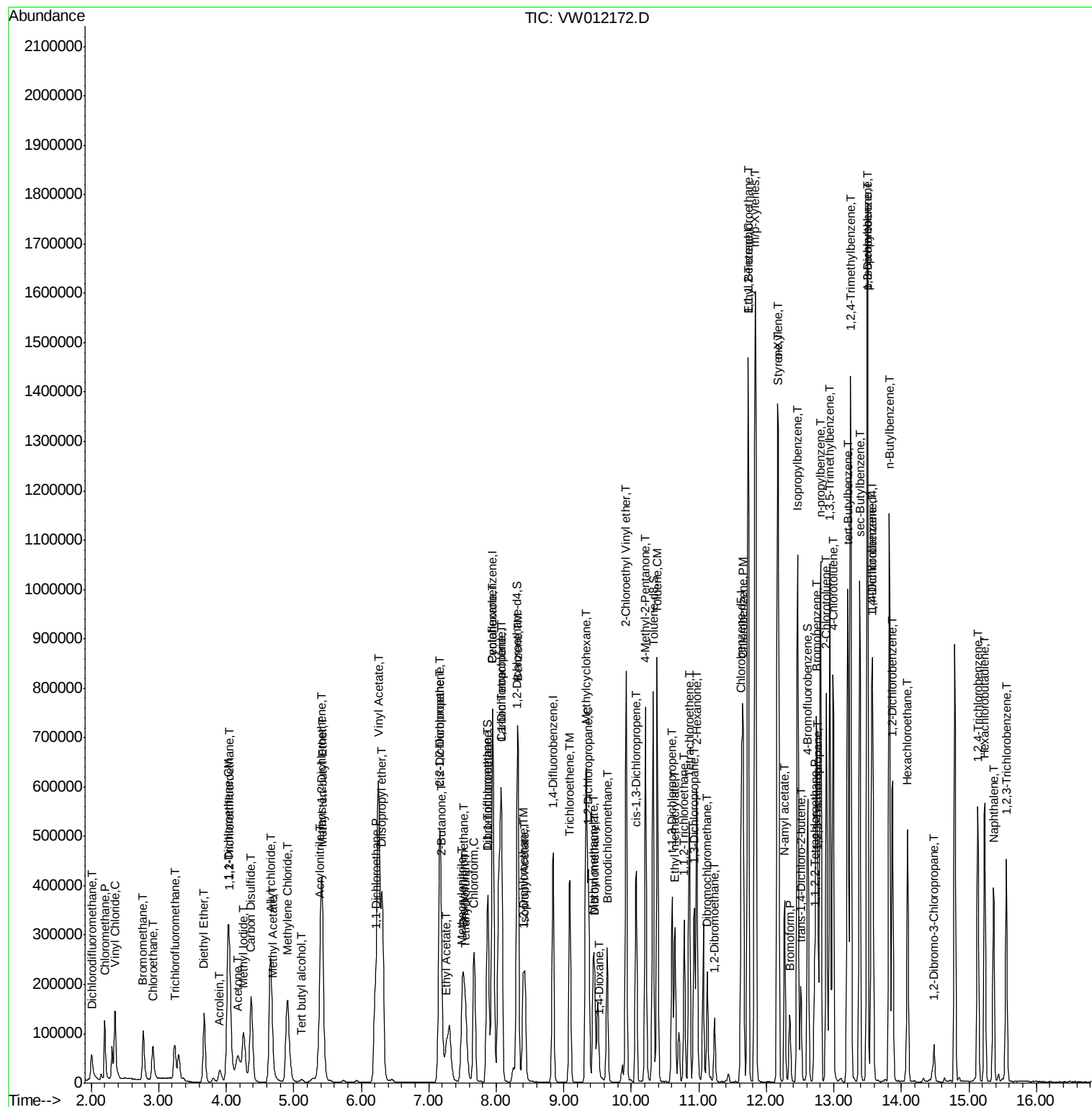
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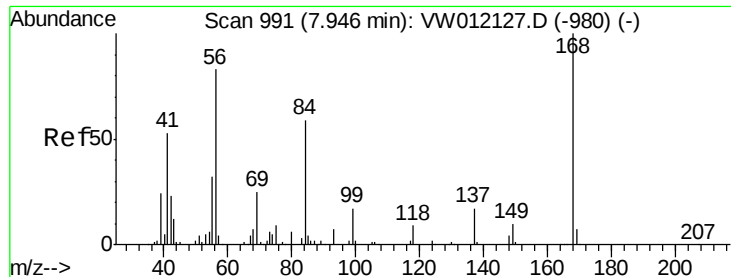
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 234288

Ion Ratio Lower Upper

168 100

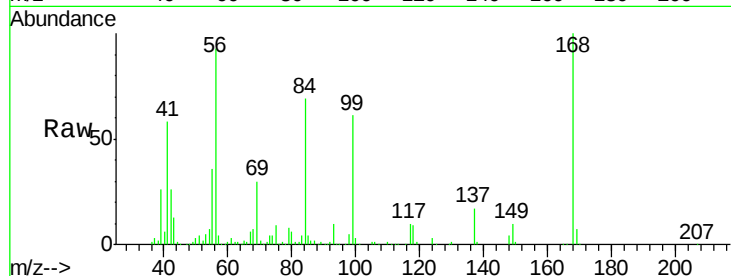
99 60.7 49.2 73.8

Manual Integrations

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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

120000

100000

80000

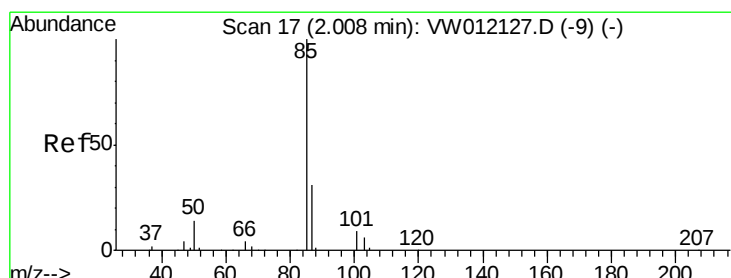
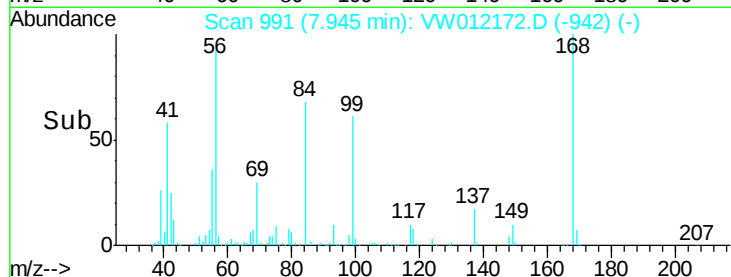
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 57.973 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012172.D

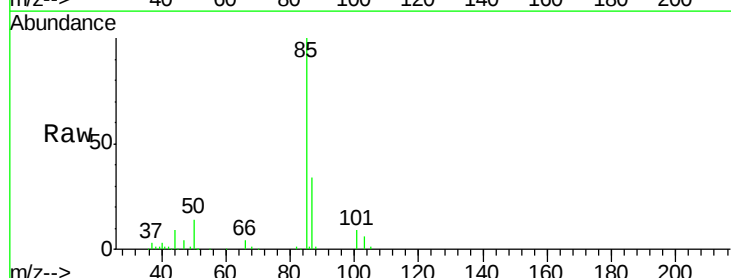
Acq: 26 Aug 2019 15:05

Tgt Ion: 85 Resp: 83632

Ion Ratio Lower Upper

85 100

87 34.3 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

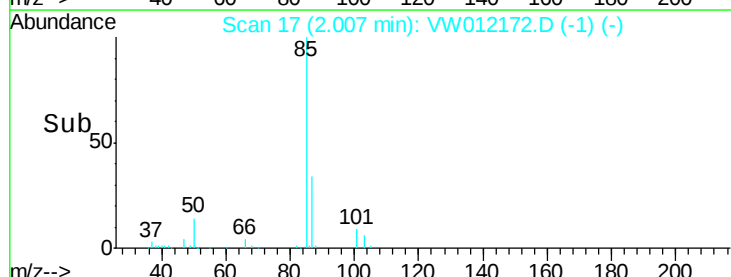
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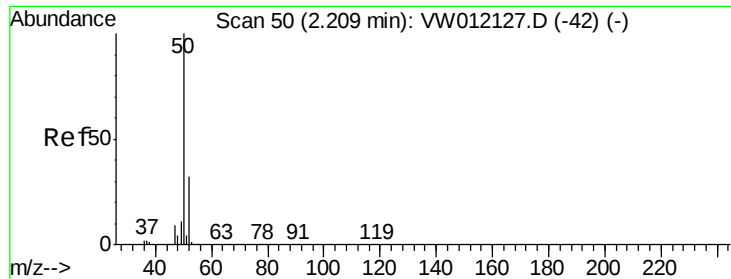
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 51.752 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 115666

Ion Ratio Lower Upper

50 100

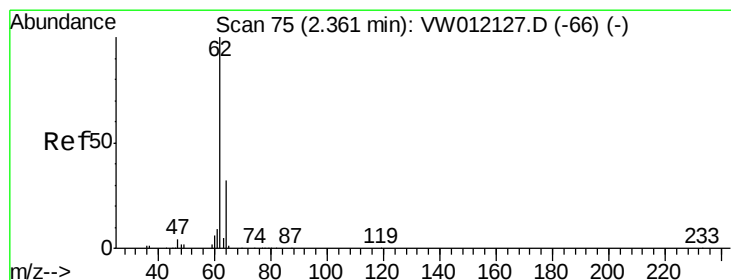
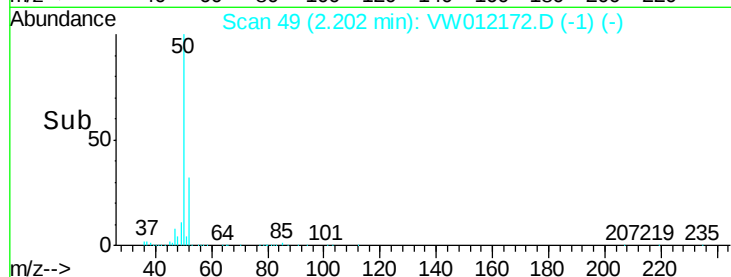
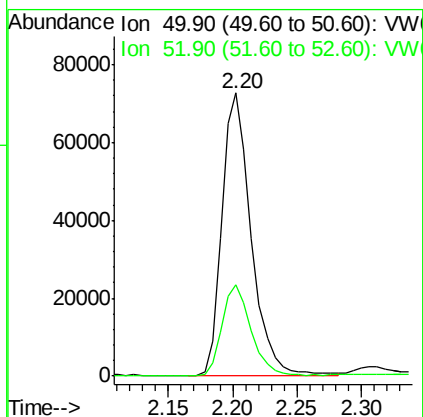
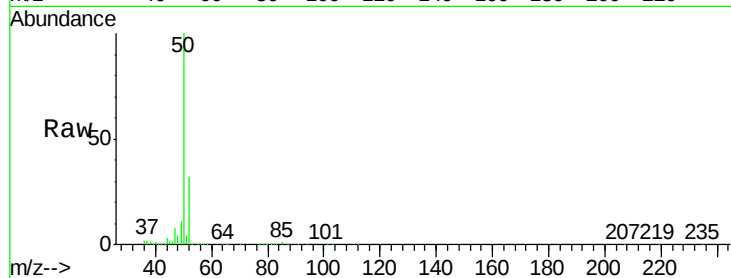
52 32.3 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.964 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW012172.D

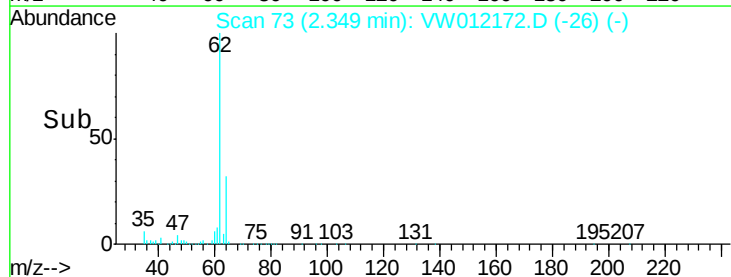
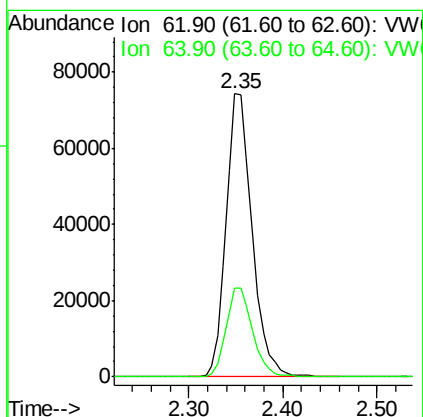
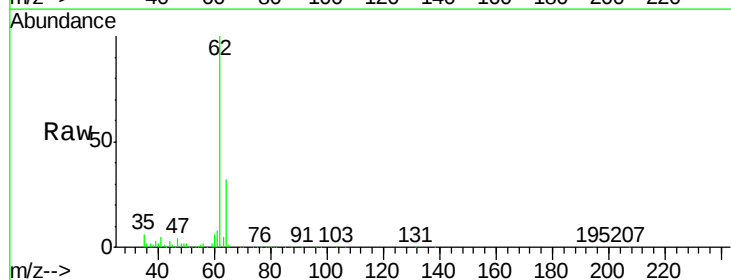
Acq: 26 Aug 2019 15:05

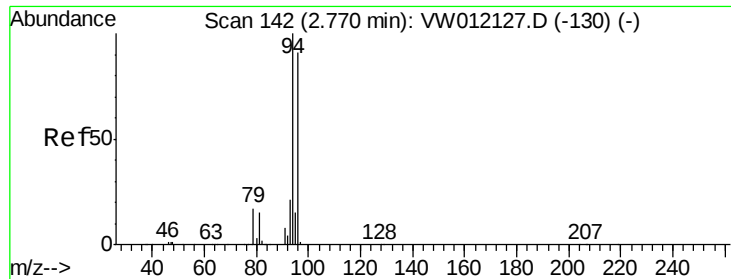
Tgt Ion: 62 Resp: 142151

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 56.744 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 78613

Ion Ratio Lower Upper

94 100

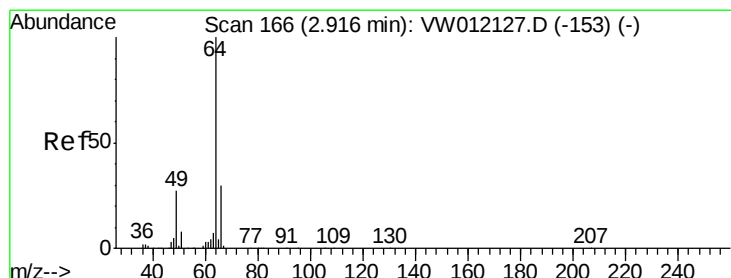
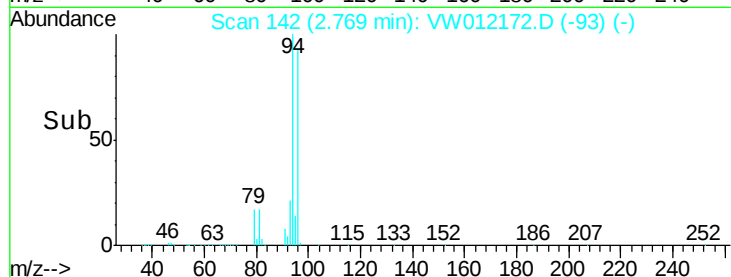
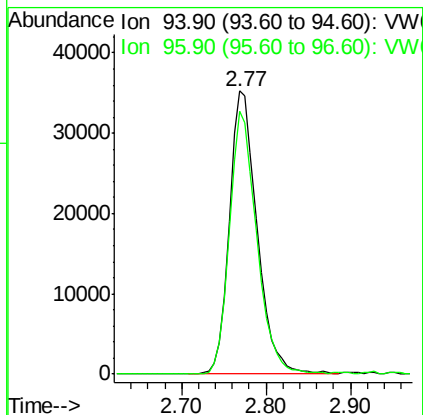
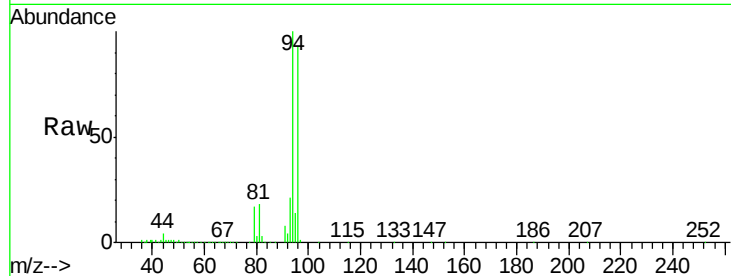
96 92.7 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 50.986 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012172.D

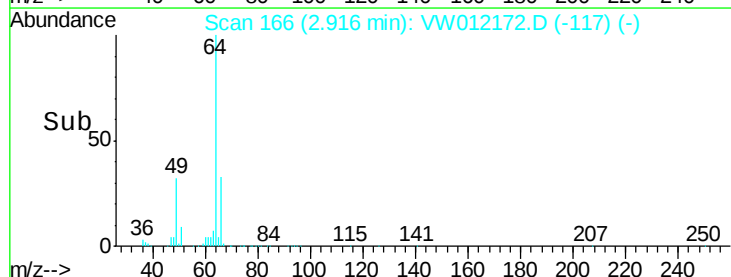
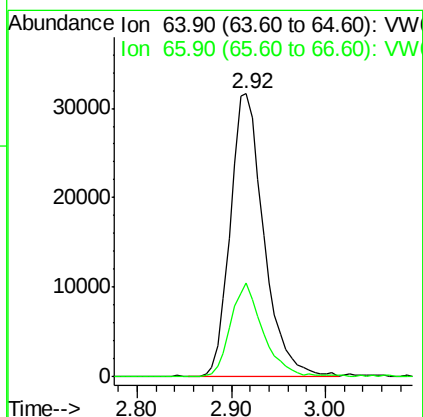
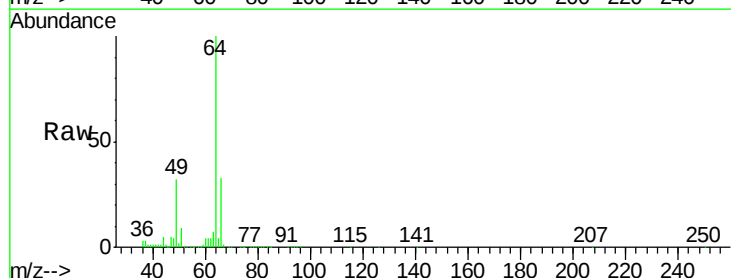
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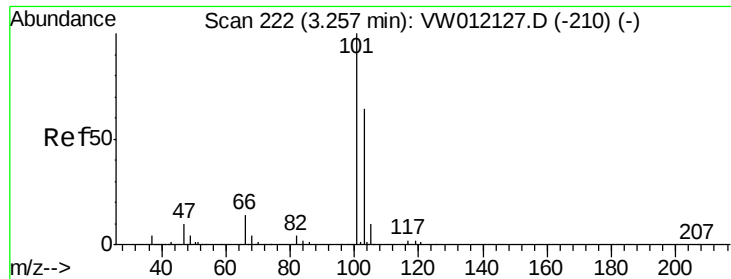
Tgt Ion: 64 Resp: 78680

Ion Ratio Lower Upper

64 100

66 32.9 23.8 35.8





#7

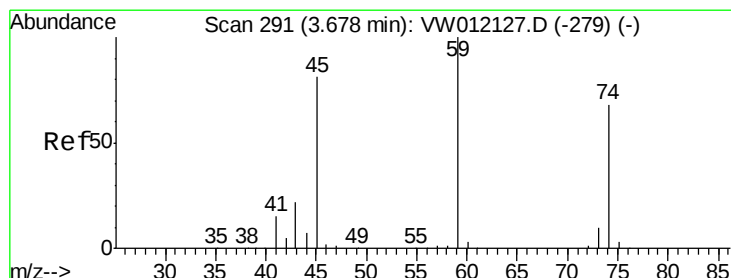
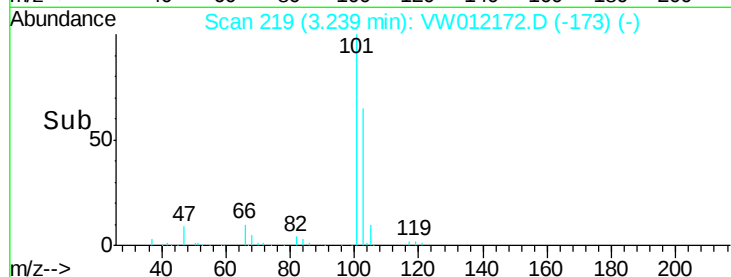
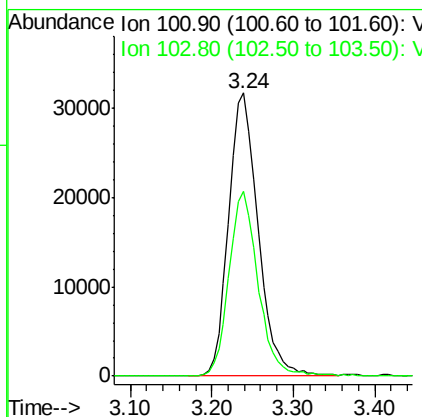
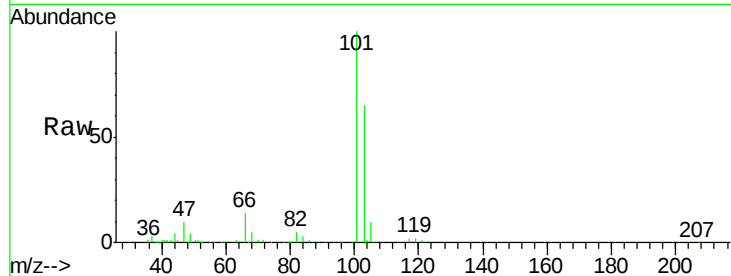
Trichlorofluoromethane
 Concen: 57.826 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: VW012172.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.2	76.8

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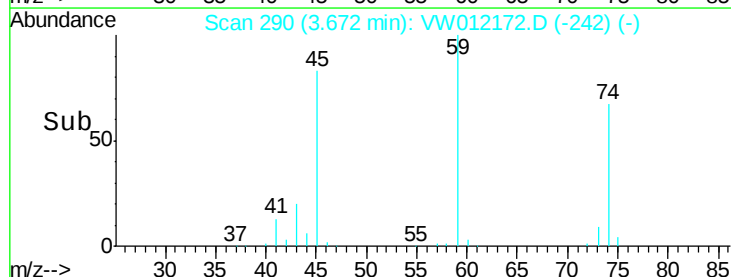
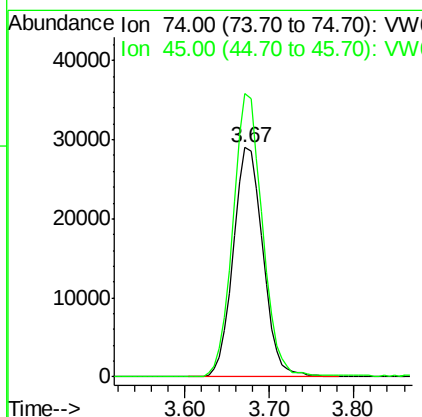
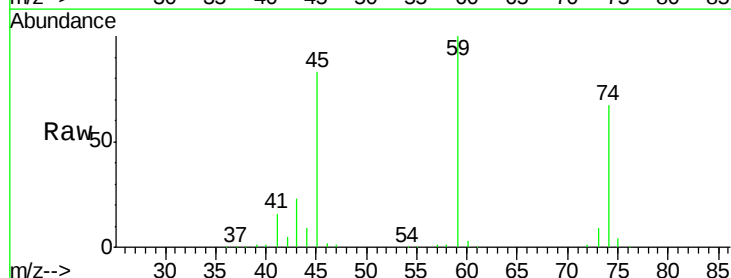
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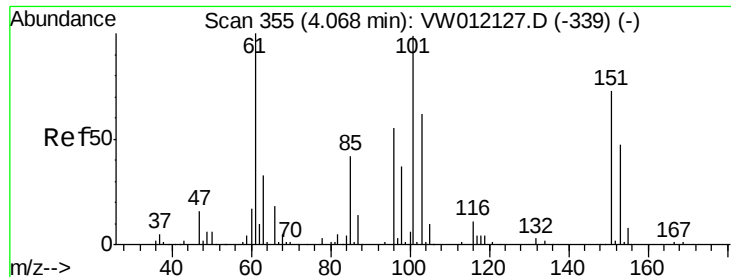


#8

Diethyl Ether
 Concen: 53.007 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	122.5	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.430 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

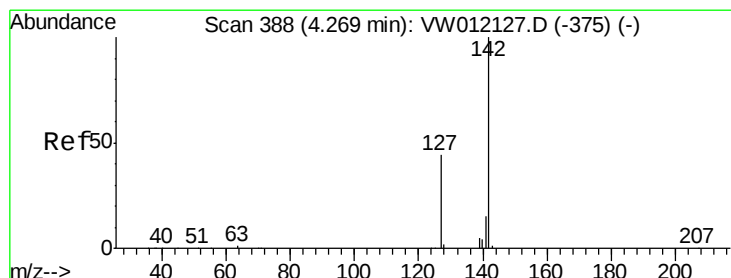
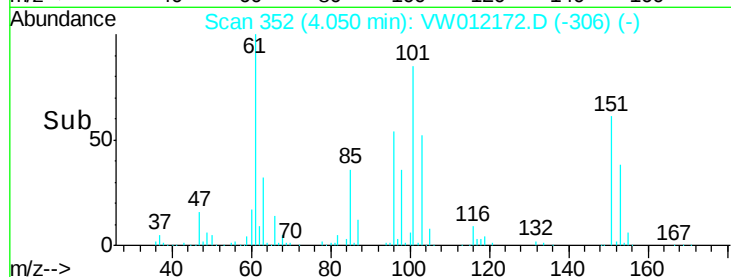
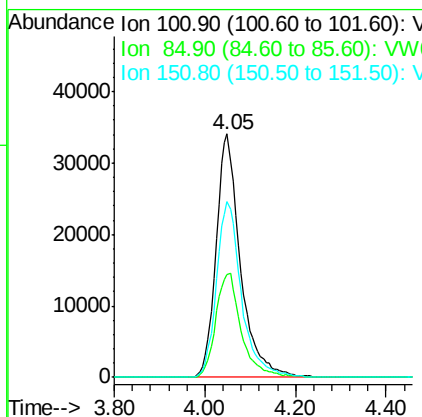
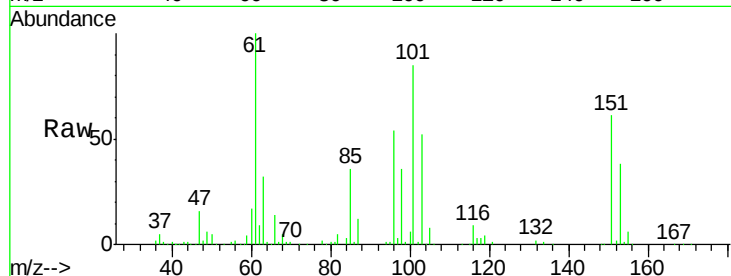
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	127084
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.8	53.6
151	74.3	58.6	87.8

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#10

Methyl Iodide

Concen: 53.643 ug/l

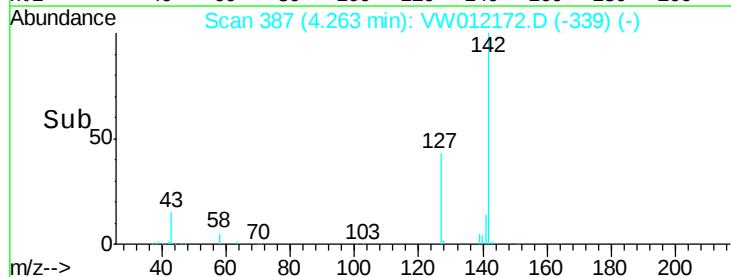
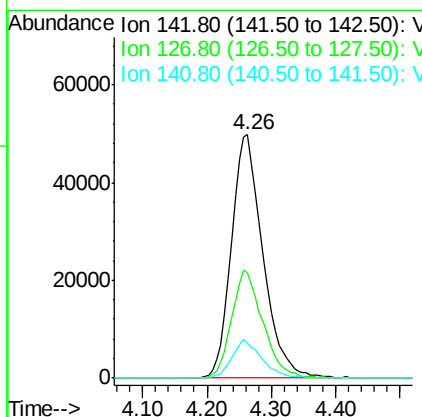
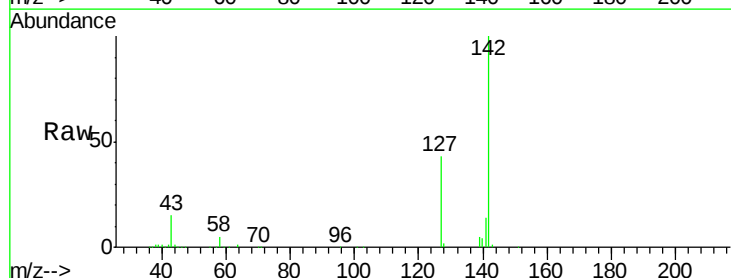
RT: 4.26 min Scan# 387

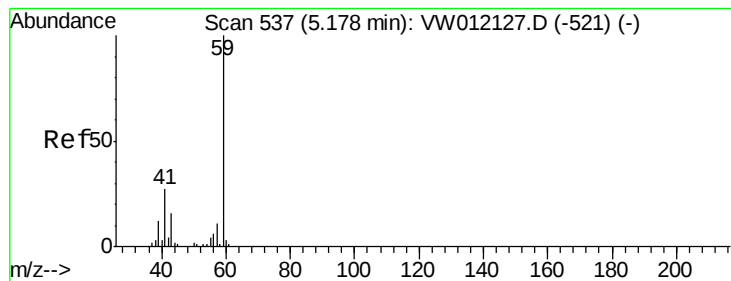
Delta R.T. -0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion:	142	Resp:	169464
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.5	53.3
141	15.0	11.8	17.8





#11

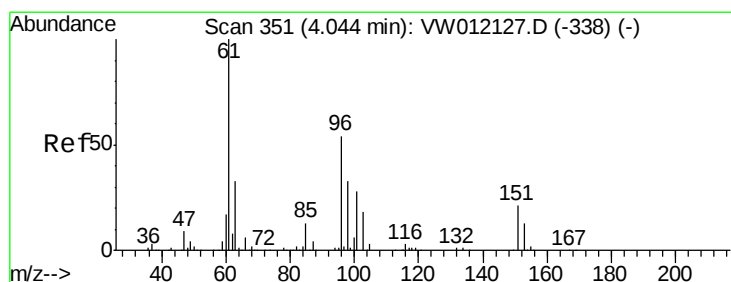
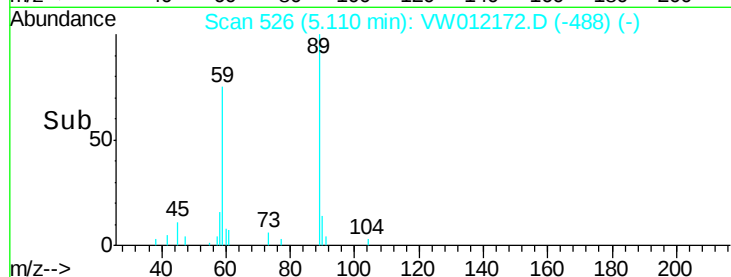
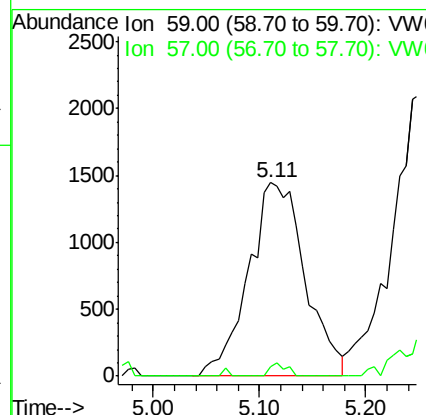
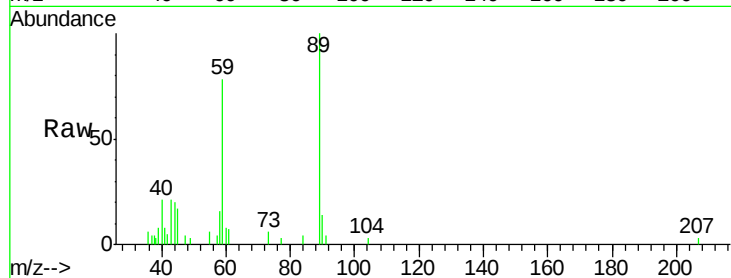
Tert butyl alcohol
 Concen: 32.093 ug/l
 RT: 5.11 min Scan# 526
 Delta R.T. -0.07 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

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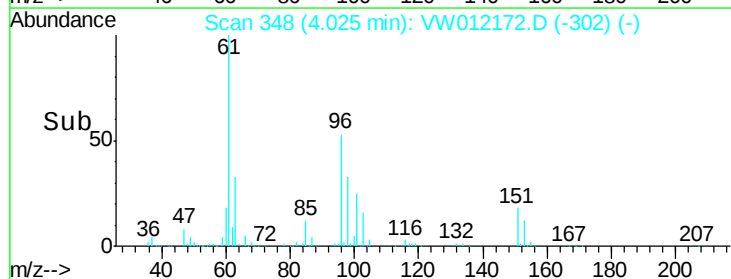
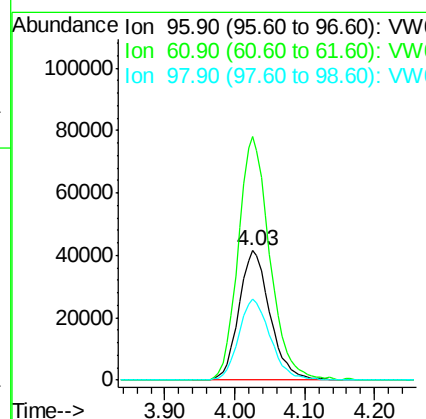
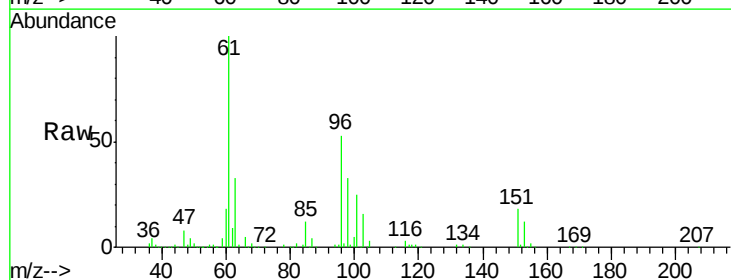
MMDadoda
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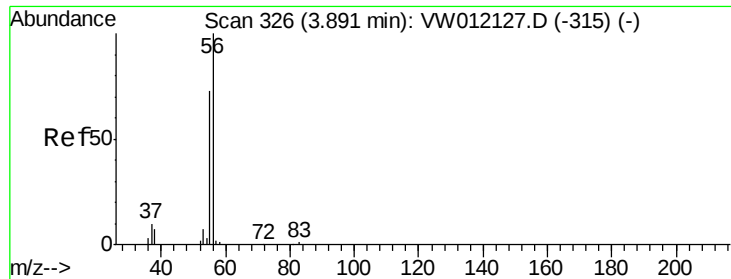


#12

1,1-Dichloroethene
 Concen: 54.732 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.1	149.1	223.7
98	62.6	49.4	74.2





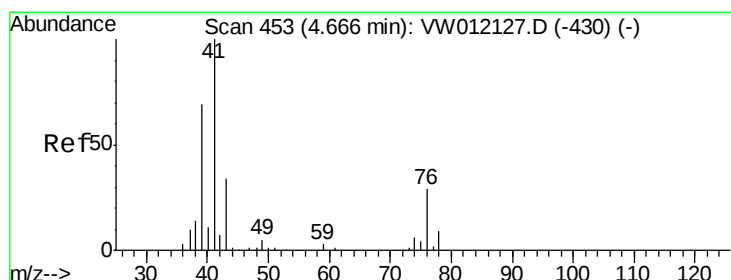
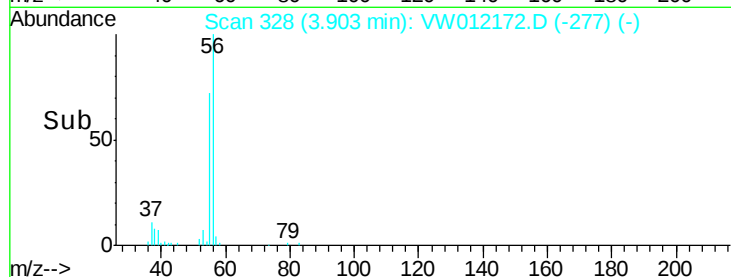
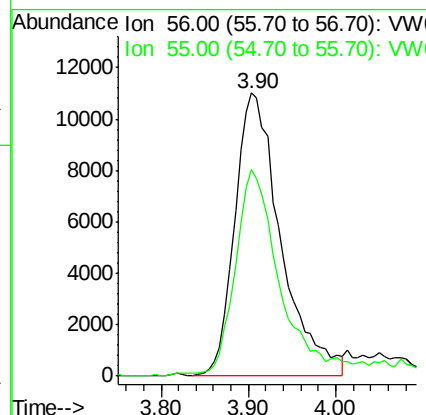
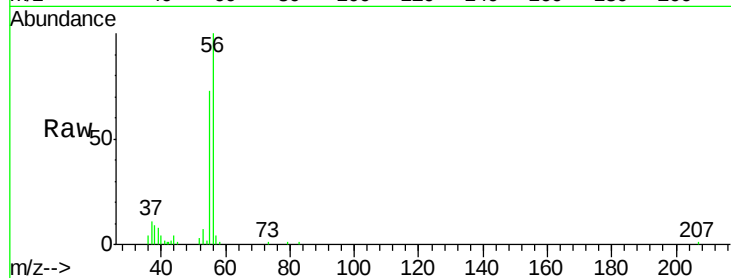
#13
 Acrolein
 Concen: 255.540 ug/l
 RT: 3.90 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	66.3	55.8	83.8

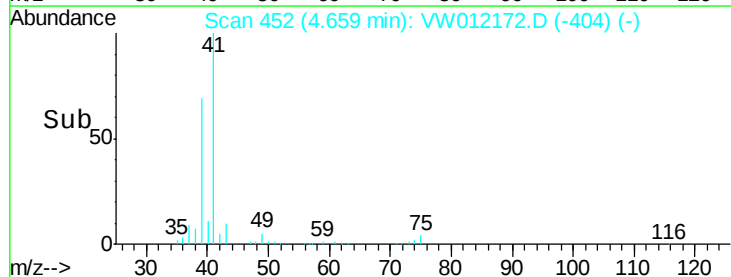
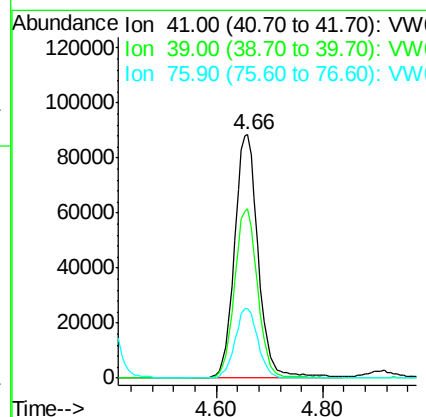
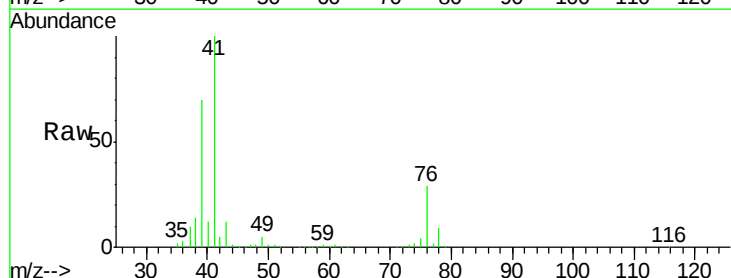
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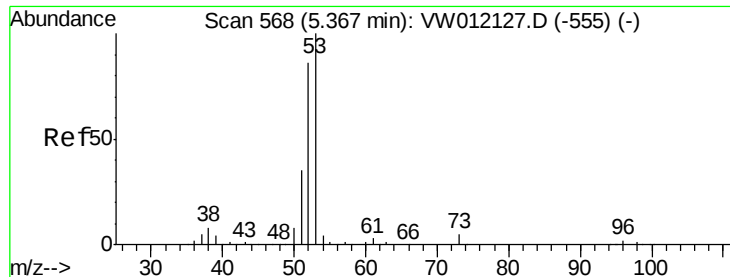
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#14
 Allyl chloride
 Concen: 54.900 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	67.0	53.4	80.2
76	76	27.6	22.1	33.1





#15

Acrylonitrile

Concen: 262.685 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.02 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

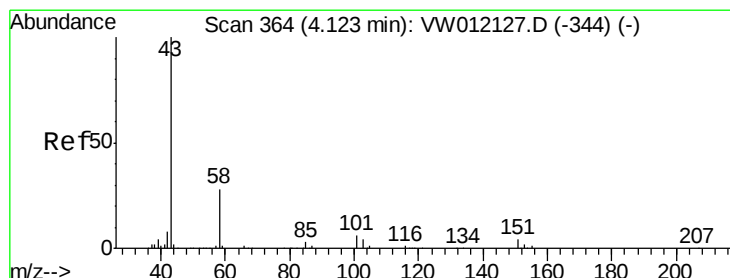
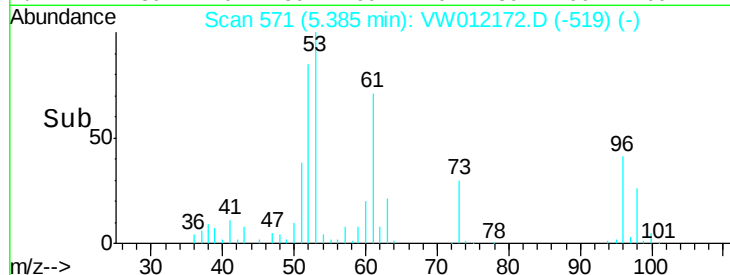
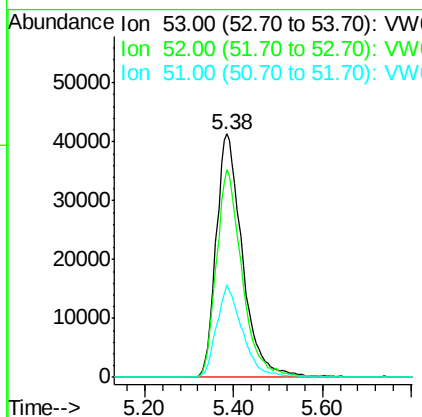
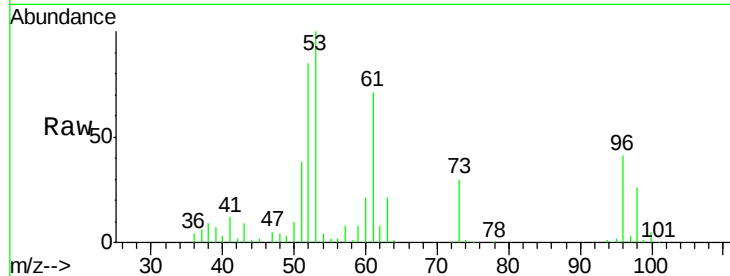
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	169759
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	36.7	30.1	45.1

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#16

Acetone

Concen: 268.455 ug/l

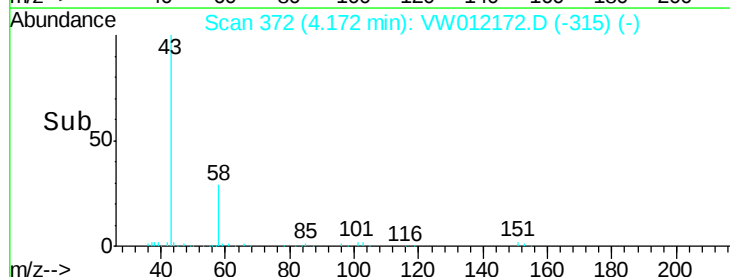
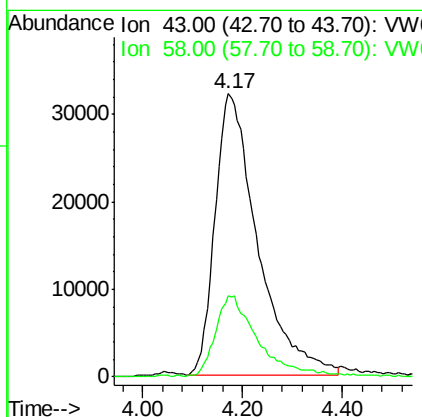
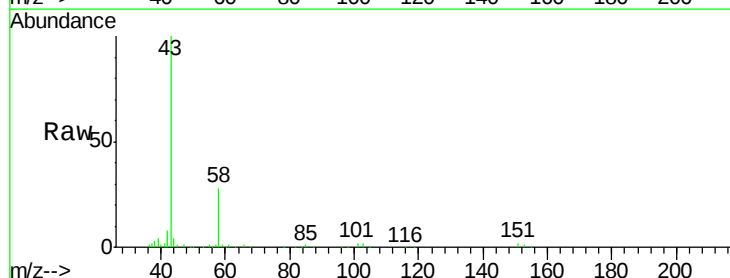
RT: 4.17 min Scan# 372

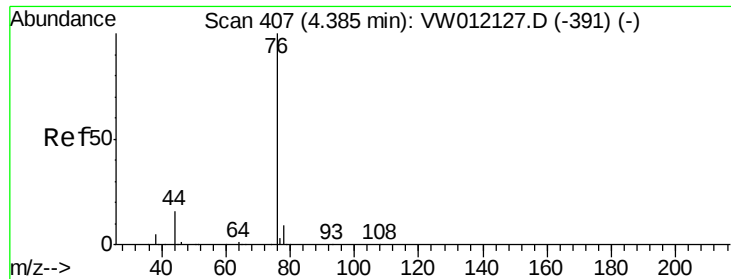
Delta R.T. 0.05 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion:	43	Resp:	191122
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.4	33.6





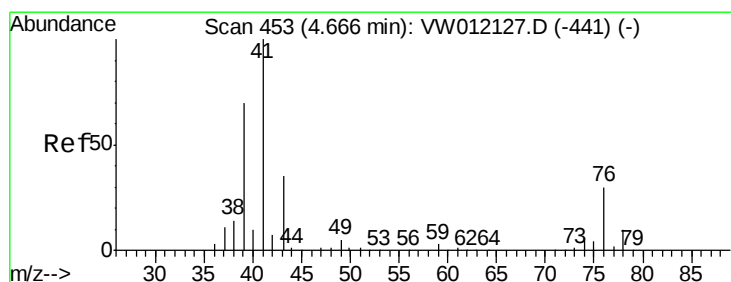
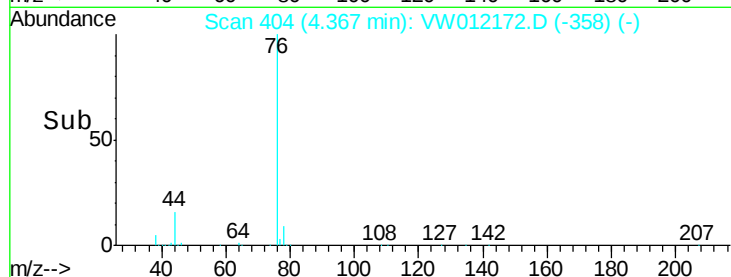
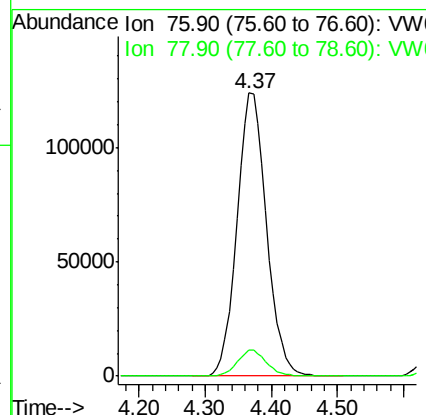
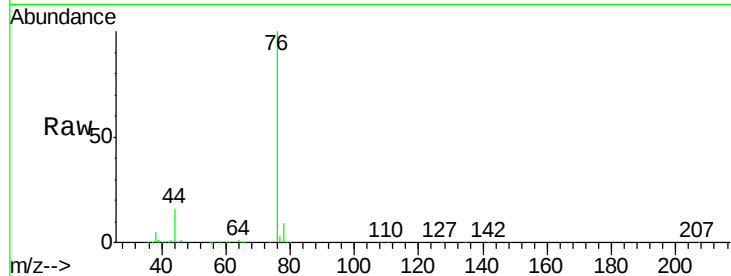
#17
Carbon Disulfide
Concen: 53.942 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.02 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

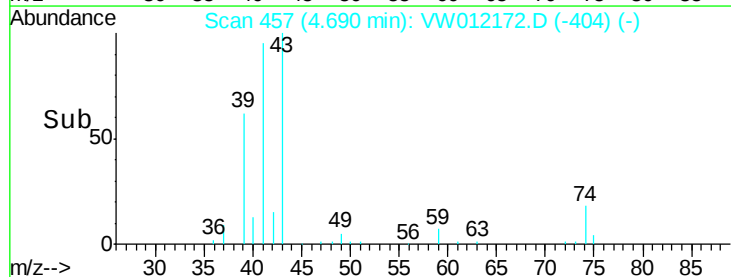
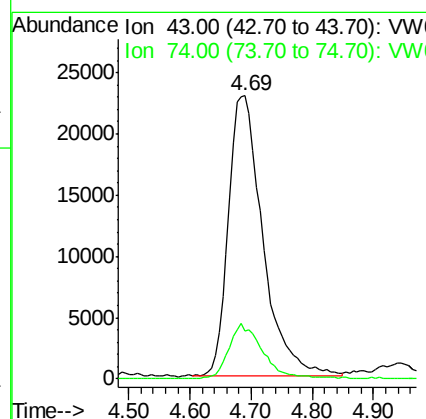
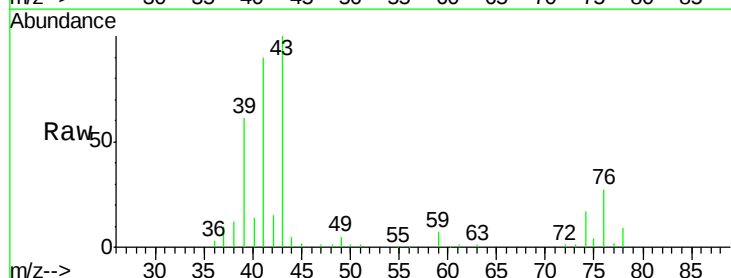
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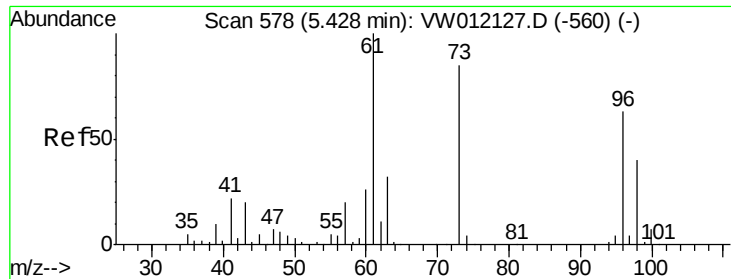
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#18
Methyl Acetate
Concen: 50.779 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.8	15.7	23.5





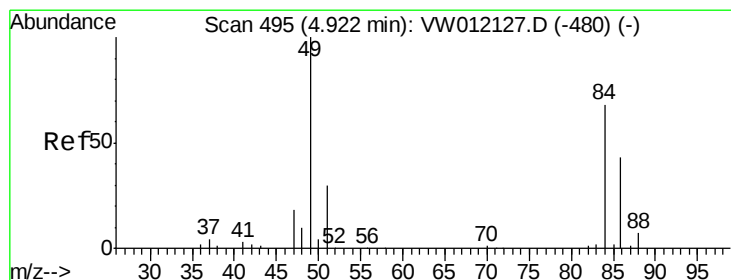
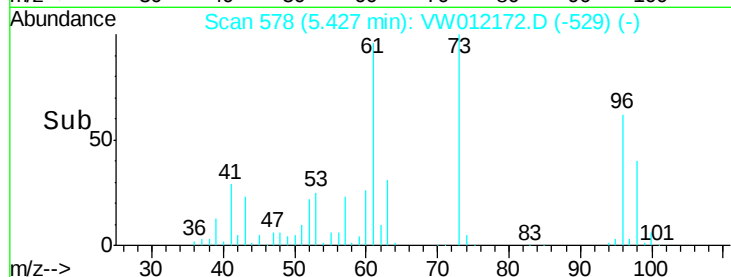
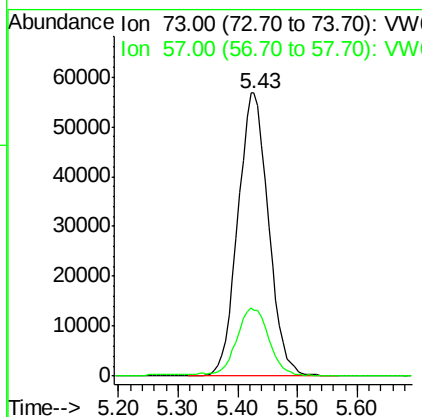
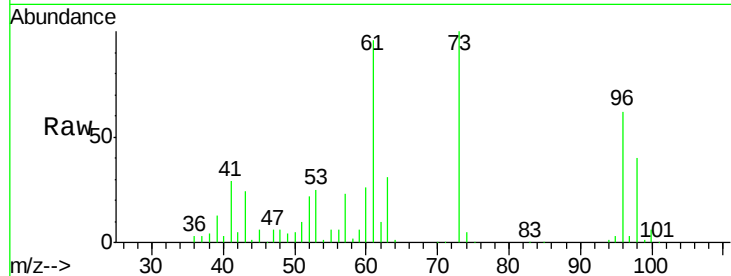
#19
Methvl tert-butvl Ether
Concen: 53.437 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 203081
Ion Ratio Lower Upper
73 100
57 23.1 18.9 28.3

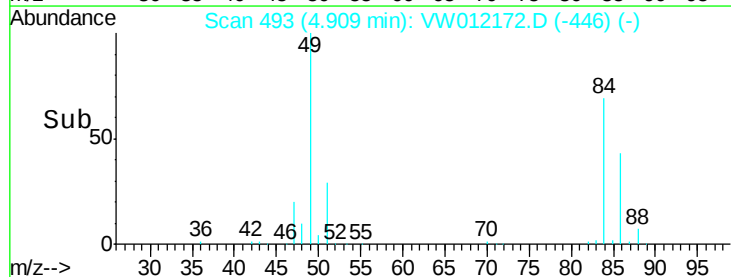
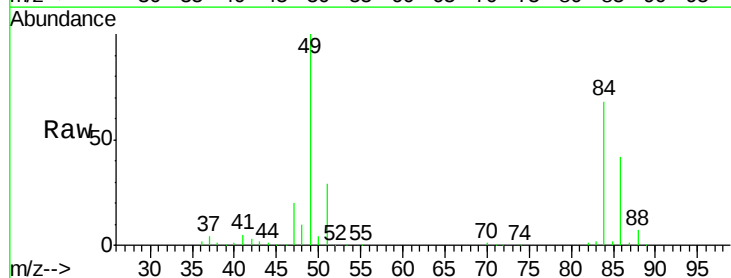
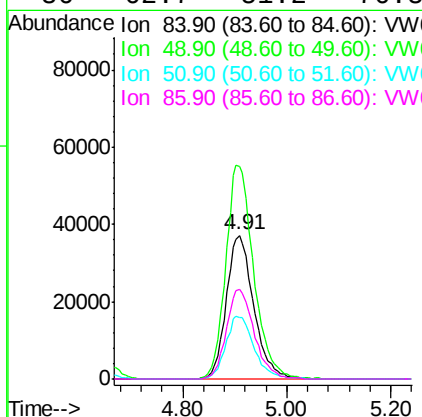
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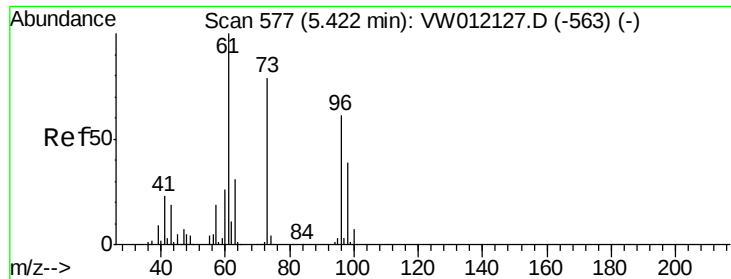
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#20
Methylene Chloride
Concen: 51.049 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion: 84 Resp: 137393
Ion Ratio Lower Upper
84 100
49 148.1 117.8 176.8
51 43.1 35.6 53.4
86 62.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 55.186 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

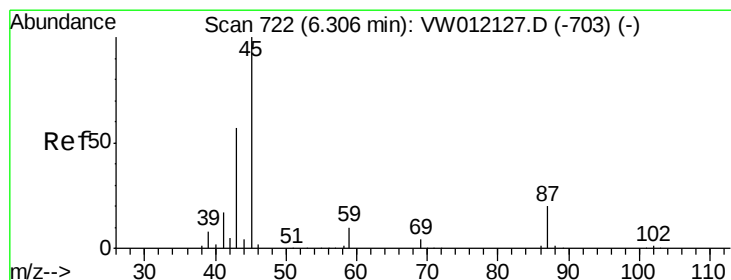
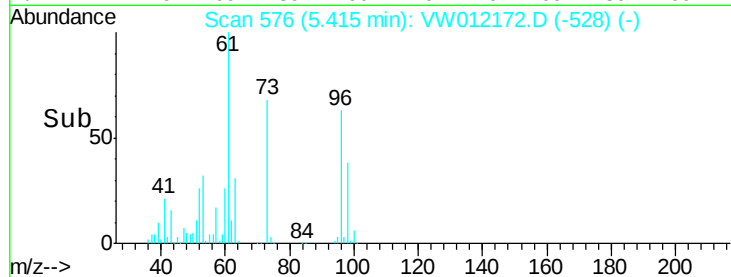
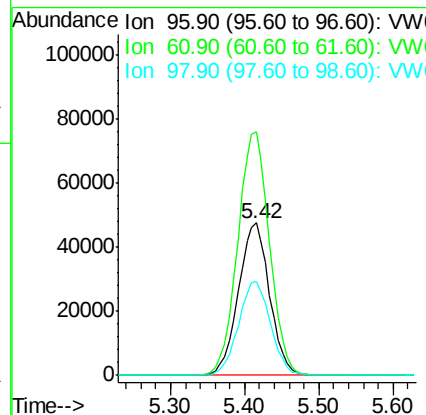
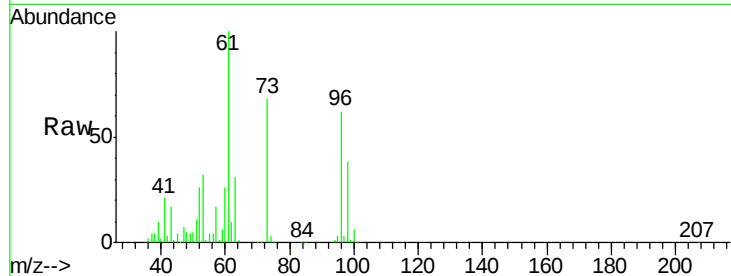
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	139070
Ion	Ratio	Lower	Upper
96	100		
61	160.0	131.4	197.0
98	61.5	51.4	77.0

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#22

Diisopropyl ether

Concen: 54.507 ug/l

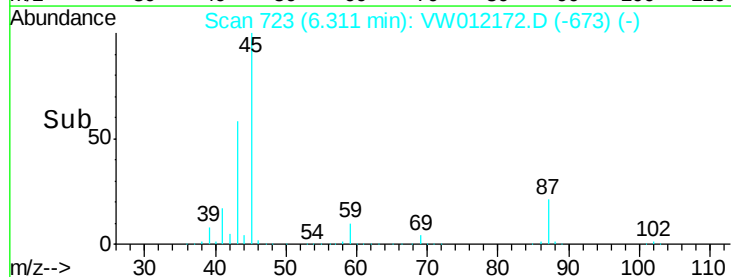
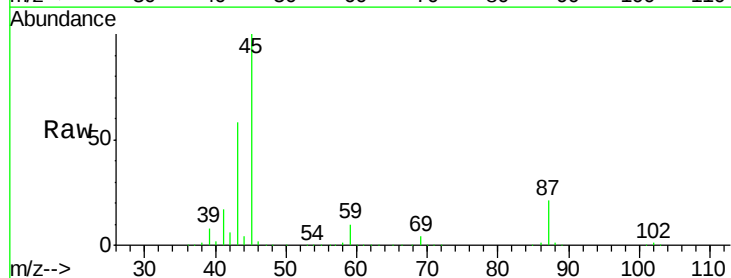
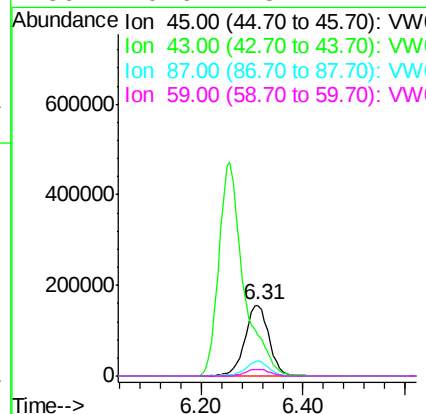
RT: 6.31 min Scan# 723

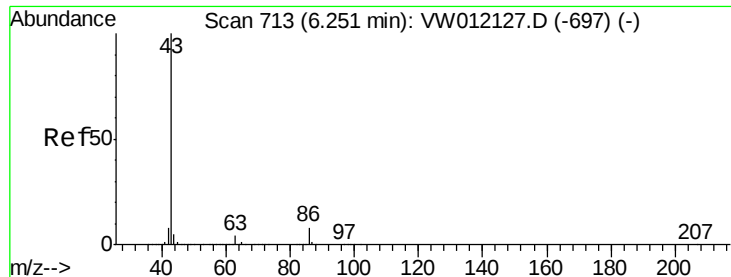
Delta R.T. 0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion:	45	Resp:	507592
Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.5	68.3
87	21.2	16.1	24.1
59	9.6	8.2	12.2





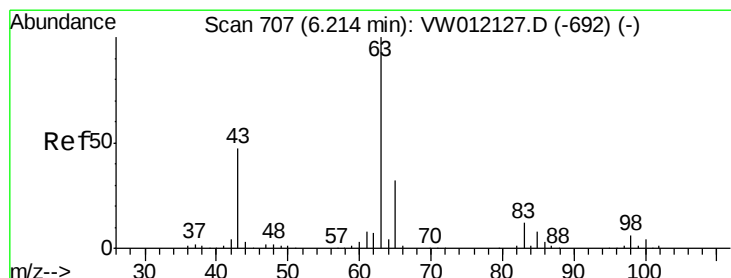
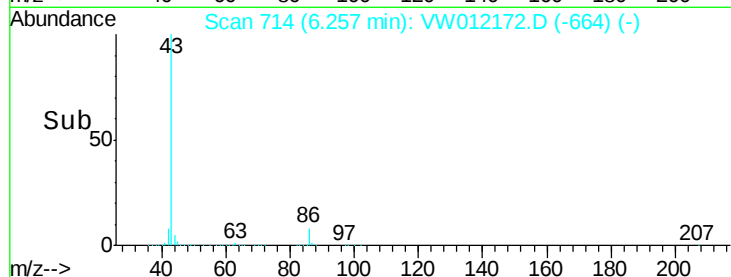
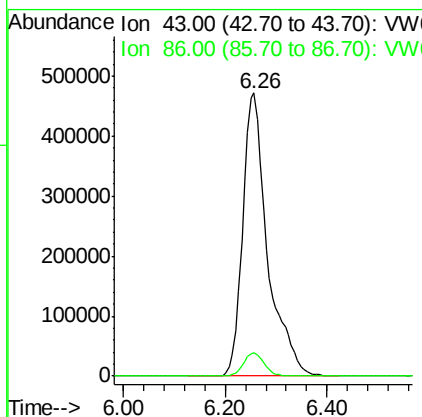
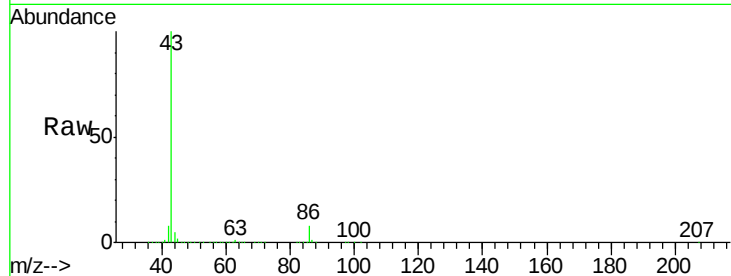
#23
 Vinyl Acetate
 Concen: 278.064 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1593594
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.5 9.7

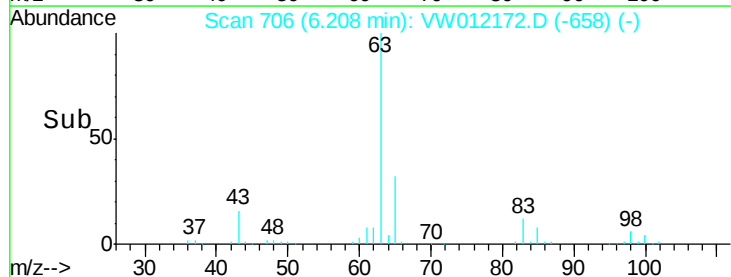
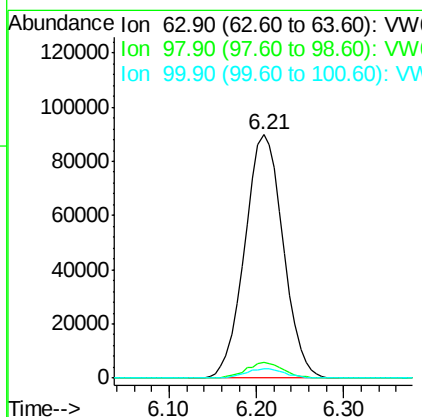
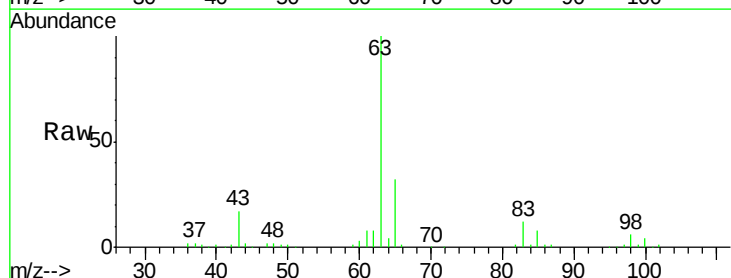
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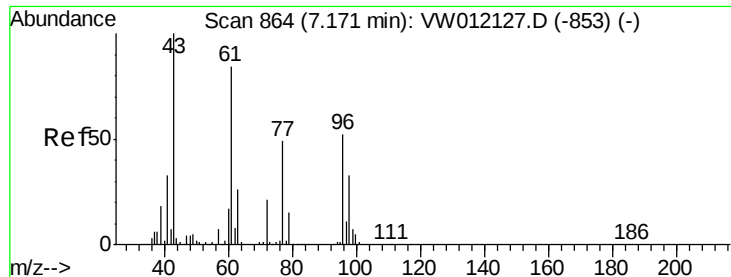
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#24
 1,1-Dichloroethane
 Concen: 54.167 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion: 63 Resp: 274653
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.0 9.2
 100 3.9 2.0 6.0





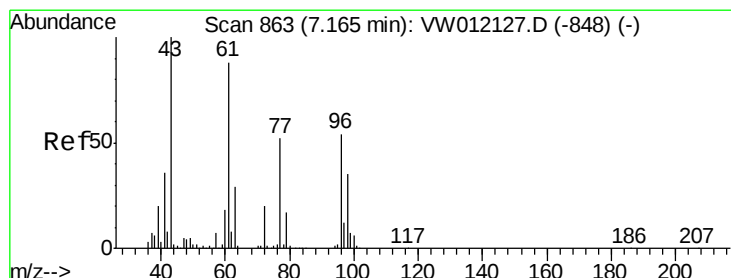
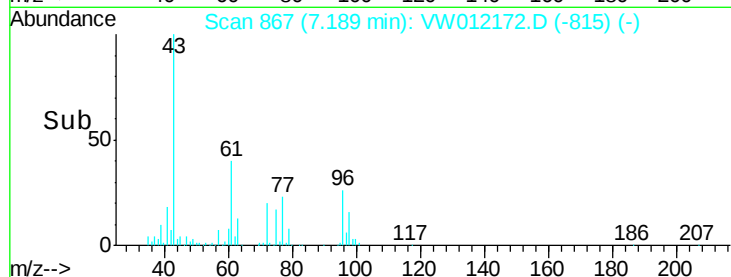
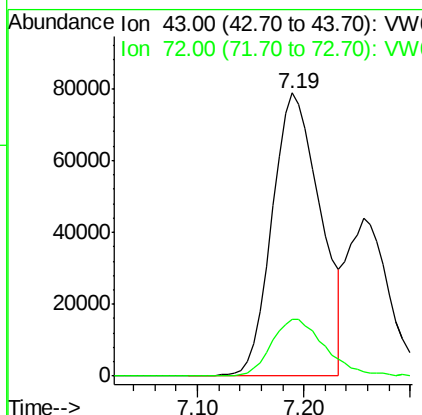
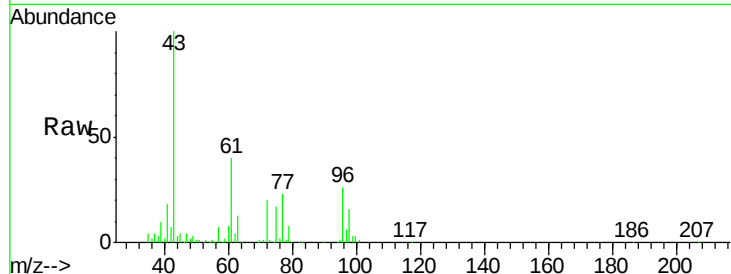
#25
2-Butanone
Concen: 255.149 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 246840
Ion Ratio Lower Upper
43 100
72 20.0 16.6 24.8

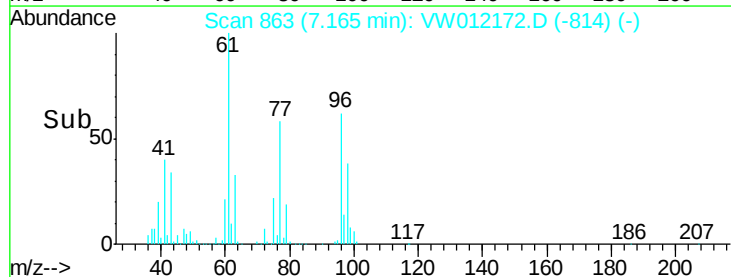
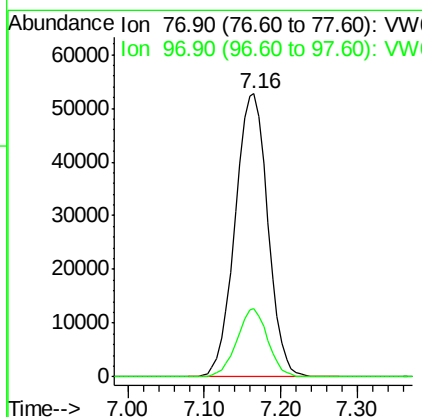
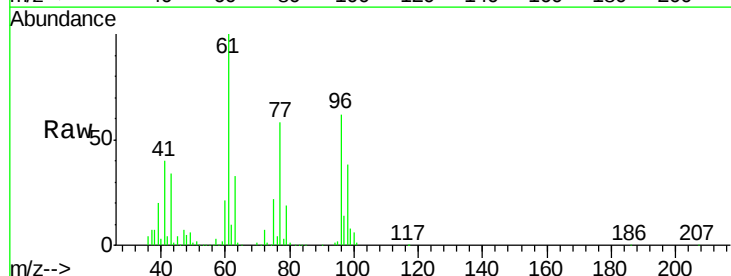
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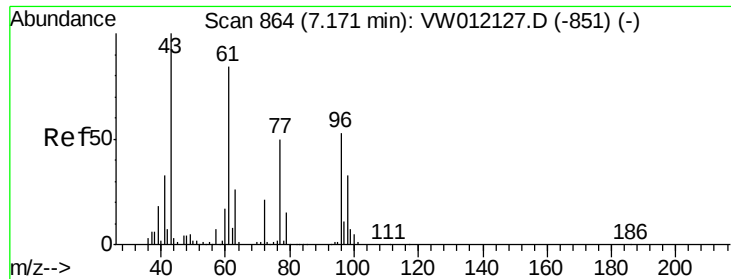
MMDadoda
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#26
2,2-Dichloropropane
Concen: 54.527 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion: 77 Resp: 156489
Ion Ratio Lower Upper
77 100
97 22.8 11.1 33.1





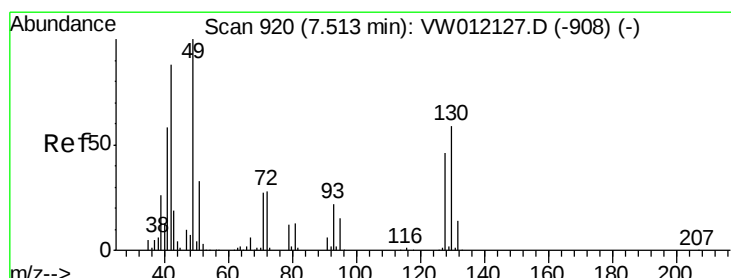
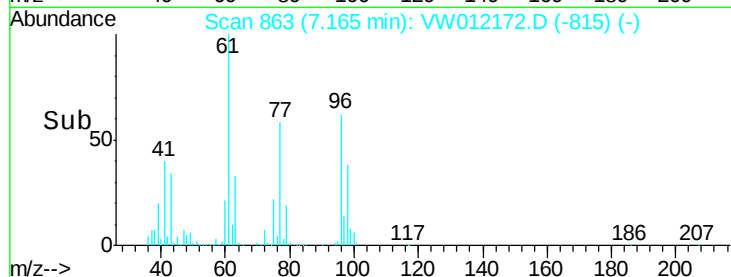
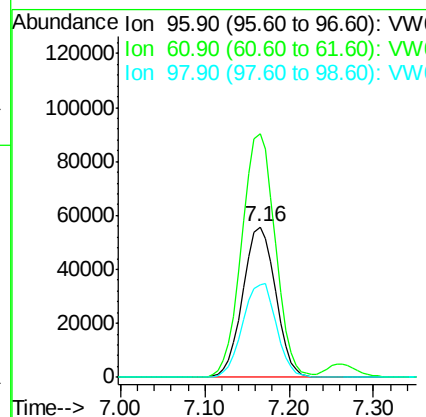
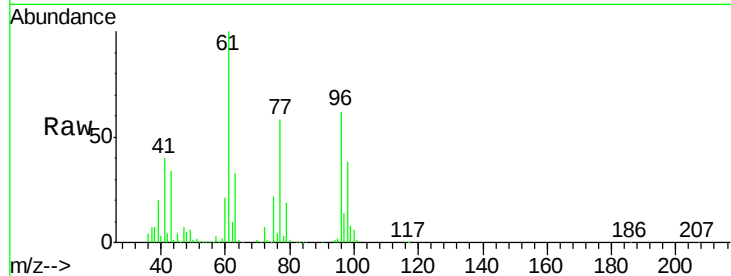
#27
 cis-1,2-Dichloroethene
 Concen: 54.626 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	165.1	0.0	326.6	
98	63.9	0.0	127.4	

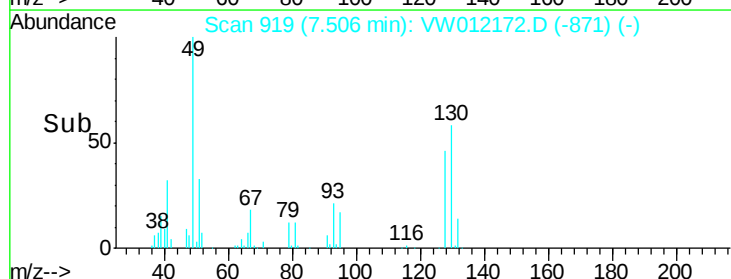
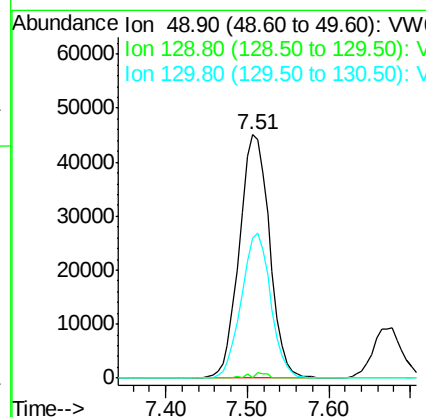
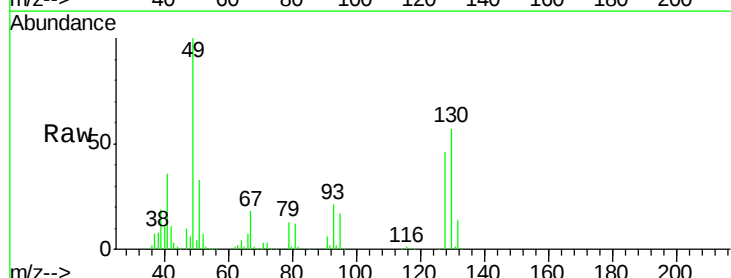
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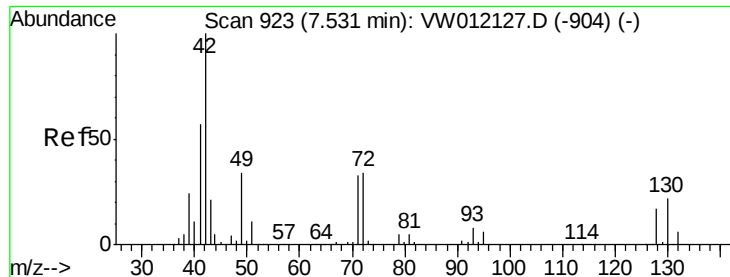
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#28
 Bromochloromethane
 Concen: 52.361 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	1.4	
130	57.8	45.5	68.3	





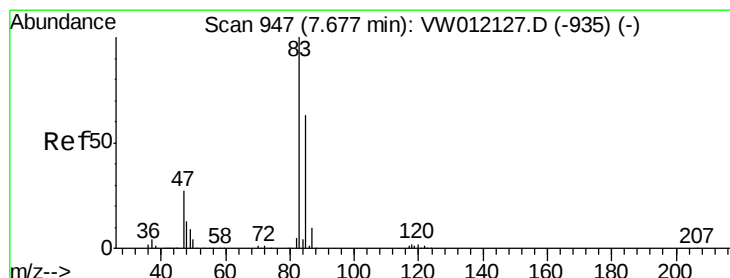
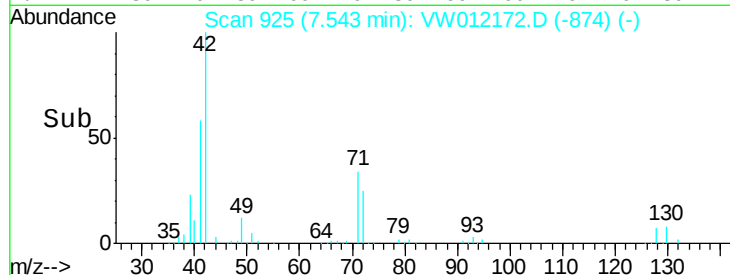
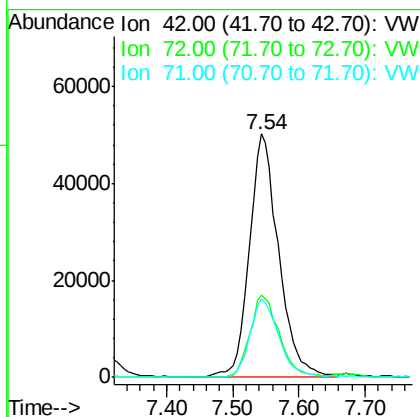
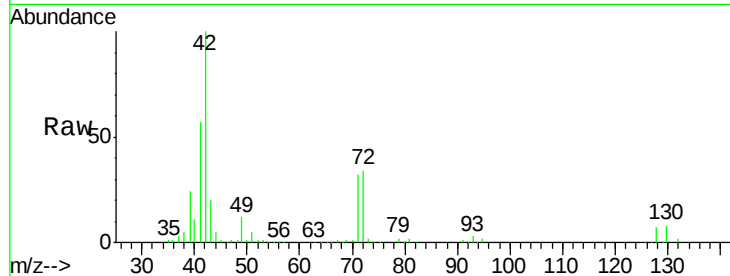
#29
Tetrahydrofuran
Concen: 266.106 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.9	27.3	40.9
71	32.0	25.5	38.3

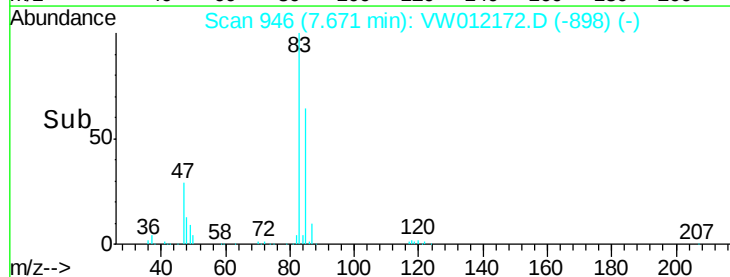
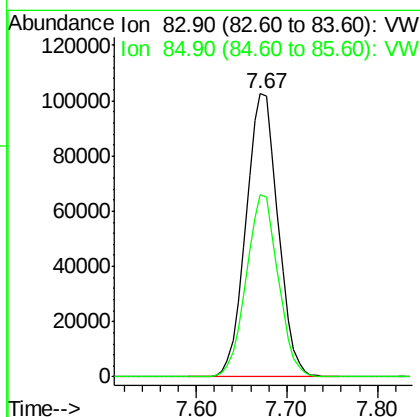
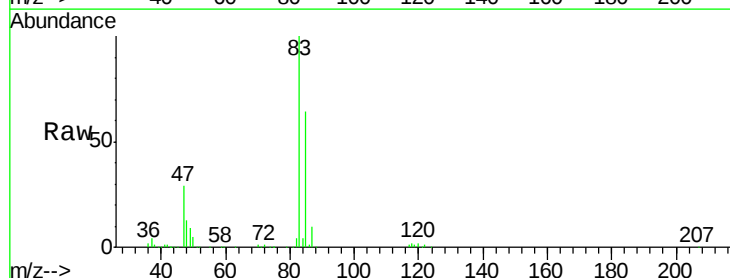
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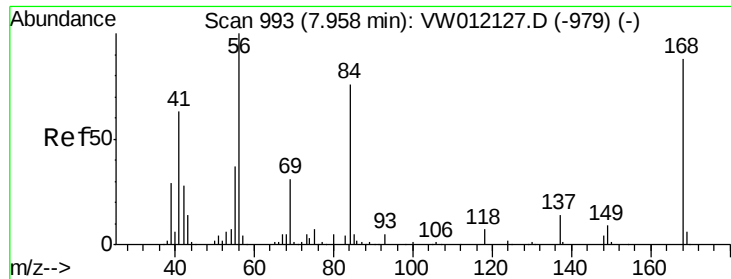
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#30
Chloroform
Concen: 54.076 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	76.0





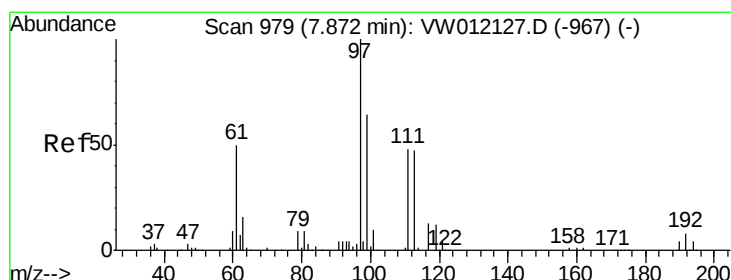
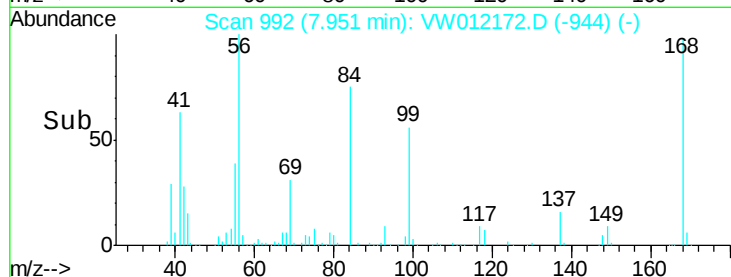
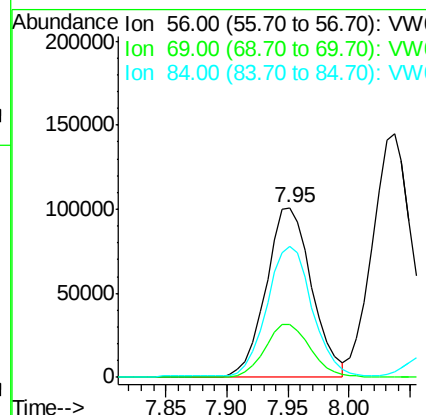
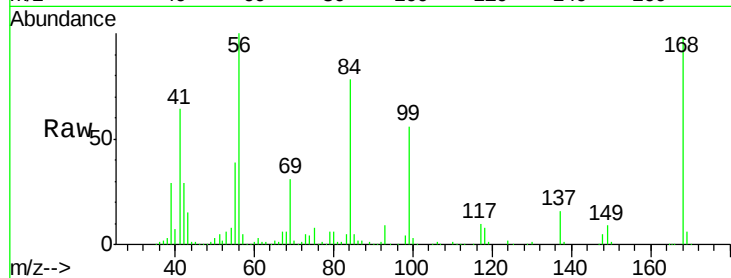
#31
Cyclohexane
Concen: 52.236 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.9	37.3
84	76.3	60.6	90.8

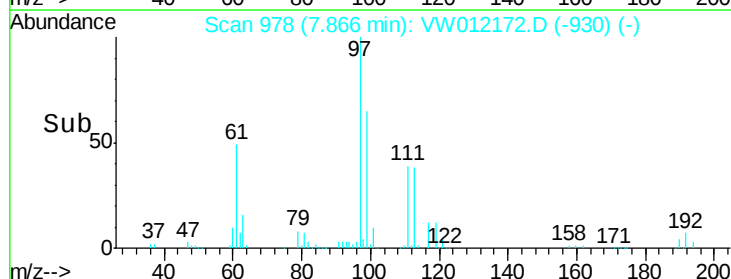
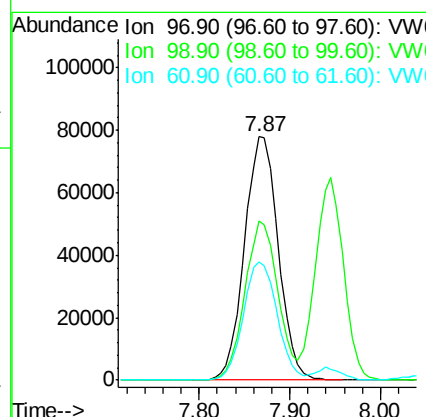
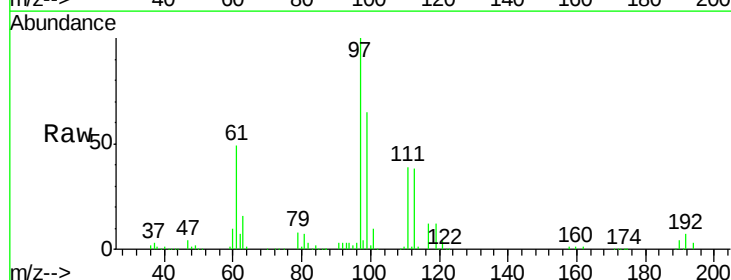
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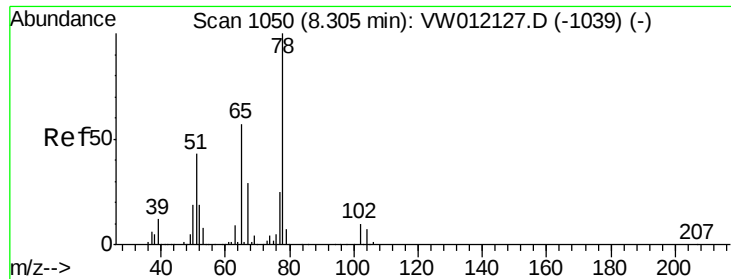
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#32
1,1,1-Trichloroethane
Concen: 54.723 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	48.8	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 53.193 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 148149

Ion Ratio Lower Upper

65 100

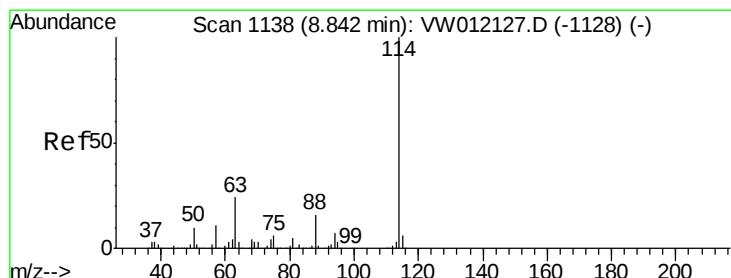
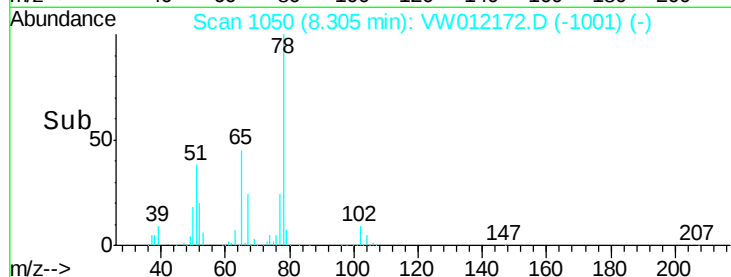
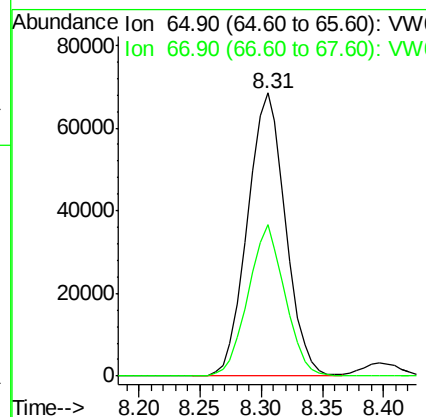
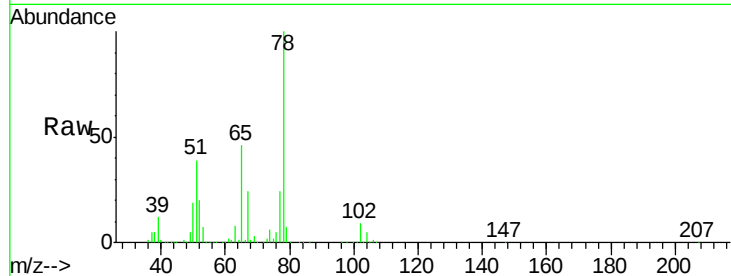
67 51.9 0.0 102.6

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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: VW012172.D

Acq: 26 Aug 2019 15:05

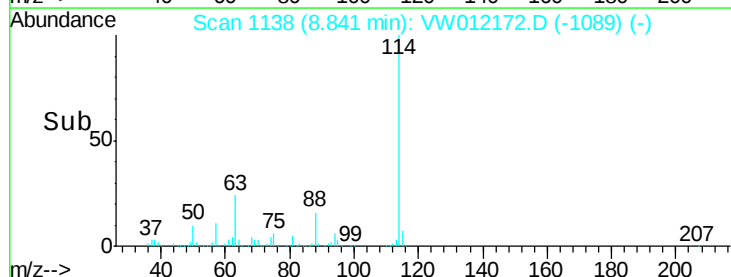
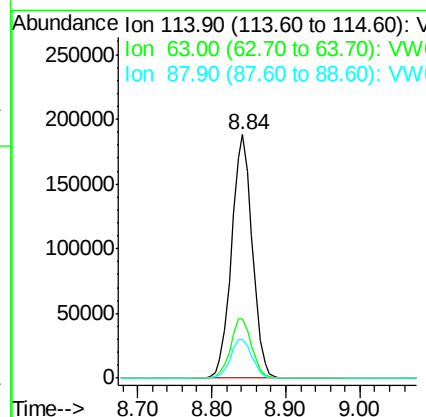
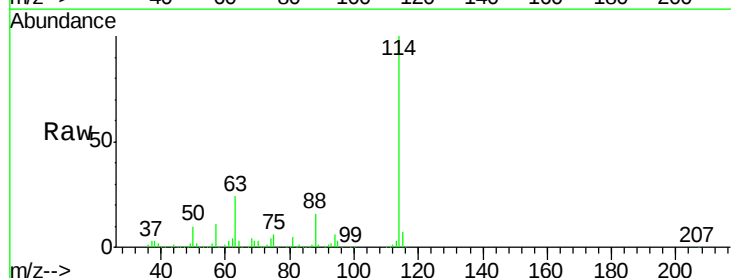
Tgt Ion: 114 Resp: 364537

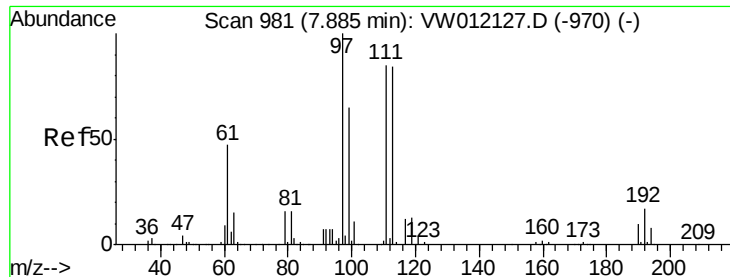
Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.6

88 16.1 0.0 32.2





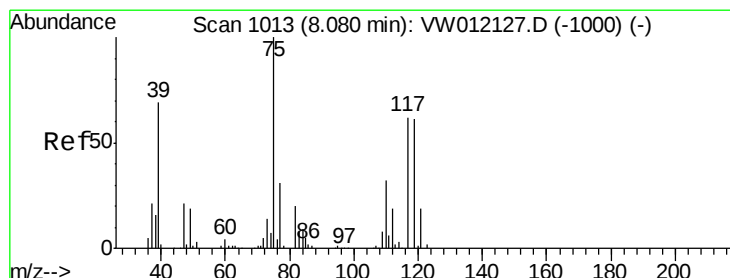
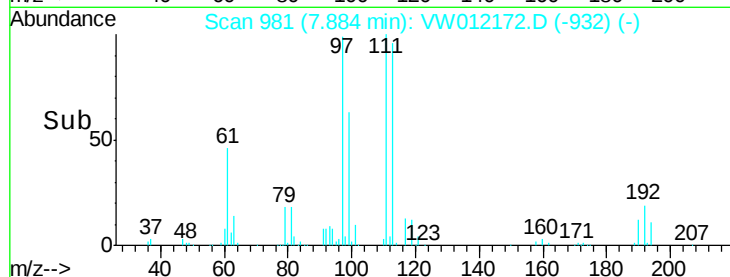
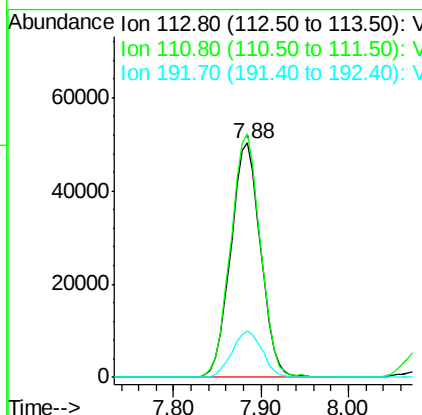
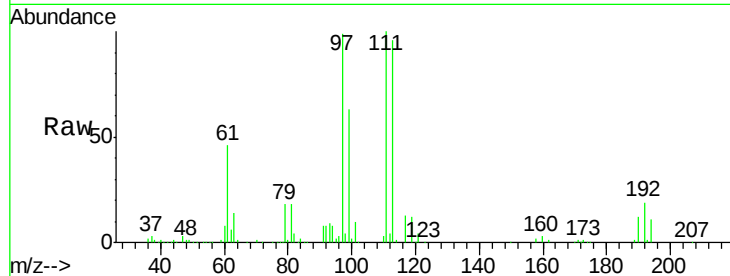
#35
 Dibromofluoromethane
 Concen: 54.945 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119557		
111	103.7	82.7	124.1	
192	20.2	16.2	24.2	

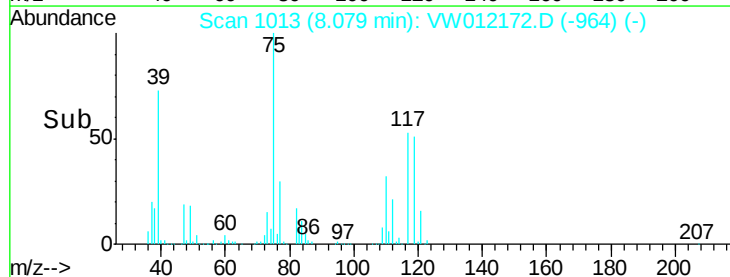
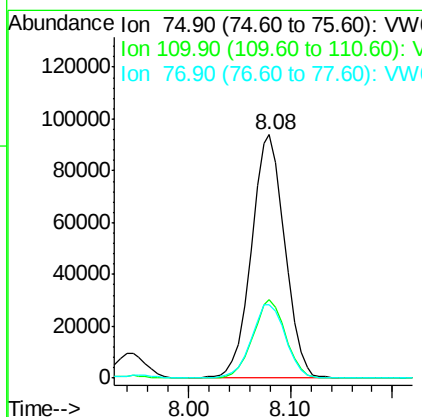
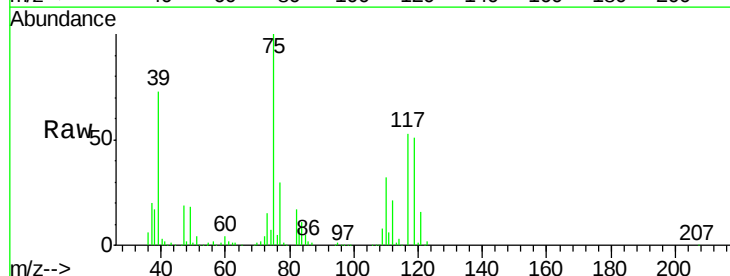
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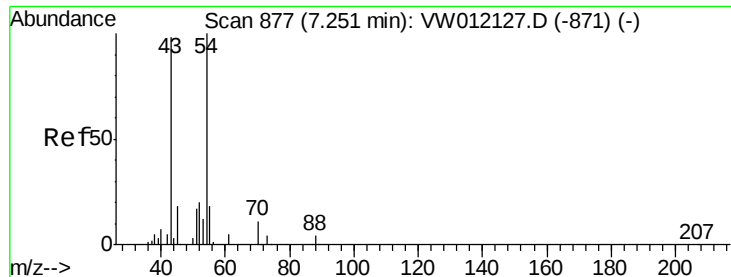
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#36
 1,1-Dichloropropene
 Concen: 56.473 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	212739		
110	31.7	15.6	46.8	
77	31.3	24.6	36.8	





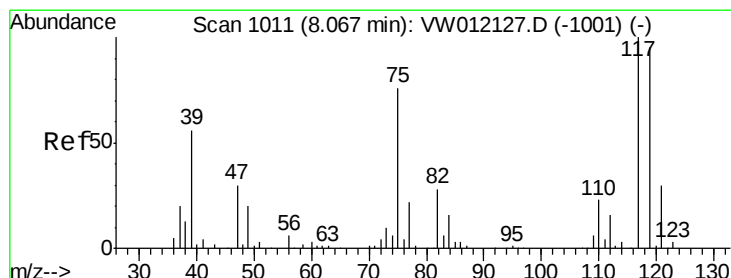
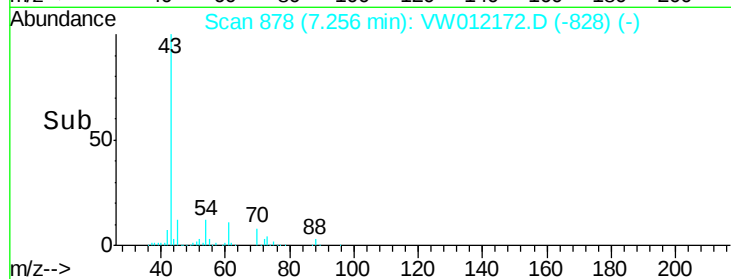
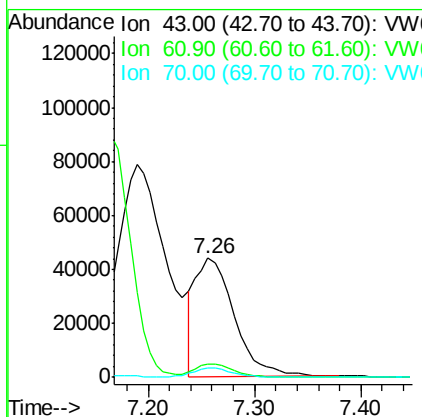
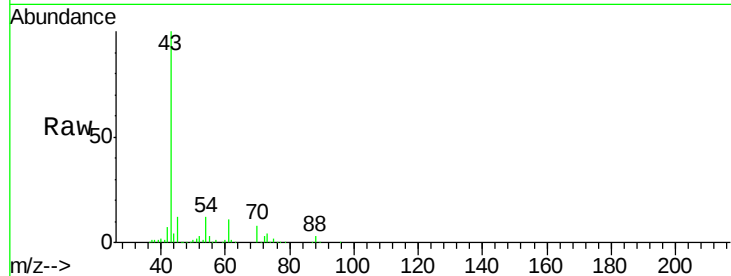
#37
Ethyl Acetate
Concen: 53.332 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.2	13.8
70	8.7	6.9	10.3

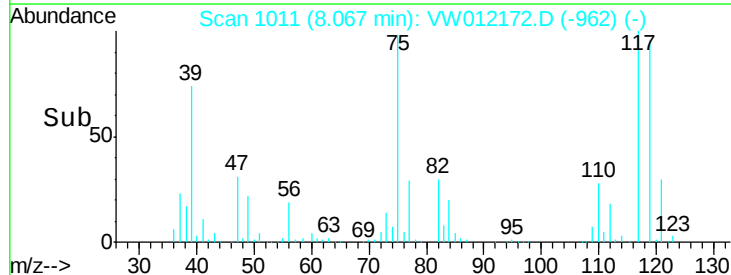
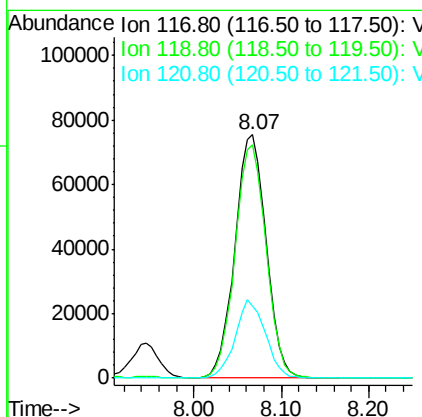
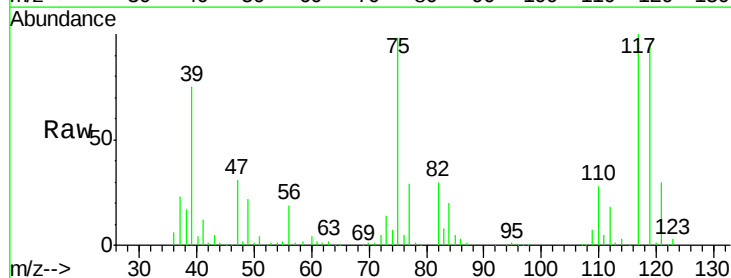
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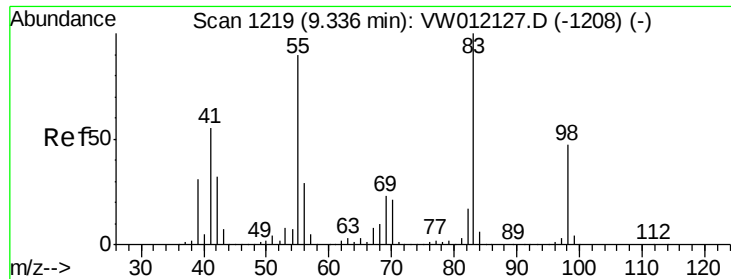
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#38
Carbon Tetrachloride
Concen: 57.566 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.2	114.2
121	29.9	23.8	35.8





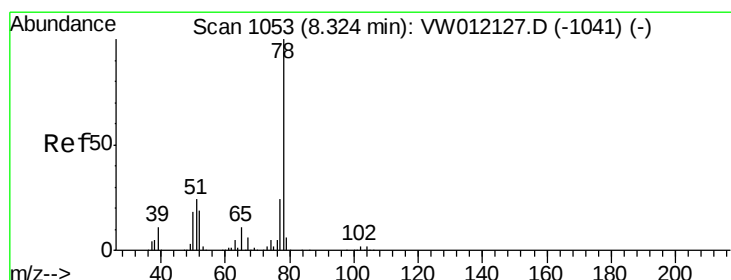
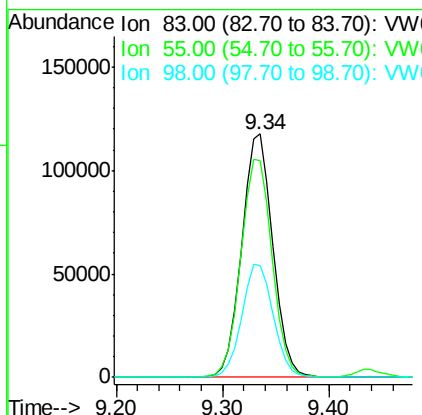
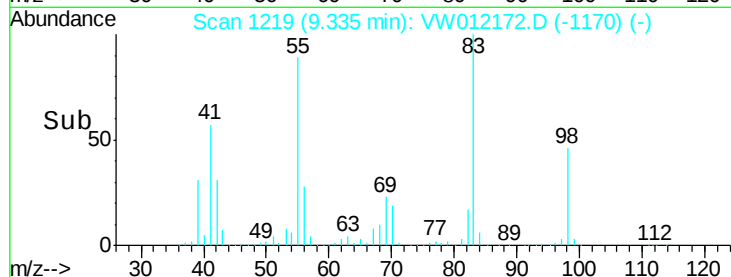
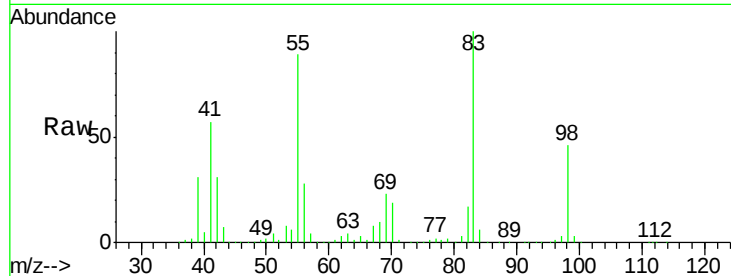
#39
Methvlcvclohexane
Concen: 57.099 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	241645
Ion Ratio	100	Lower	Upper
83	100		
55	88.9	71.8	107.8
98	45.9	37.8	56.8

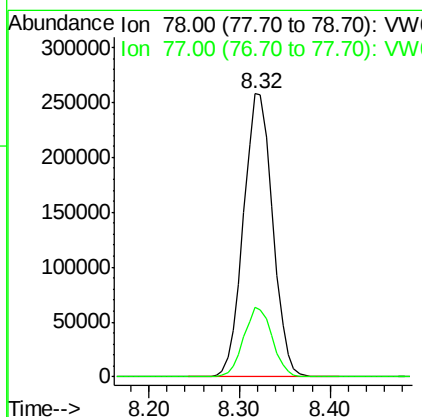
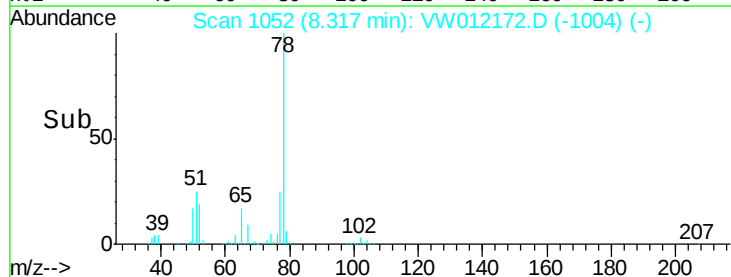
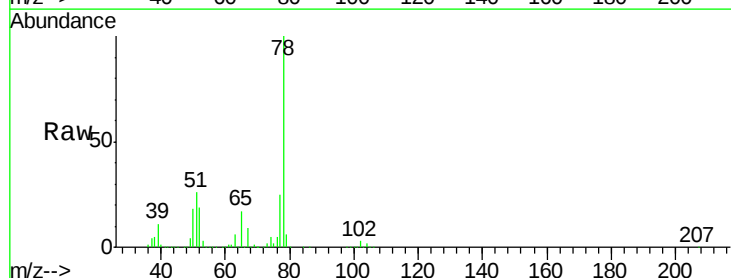
Manual Integrations
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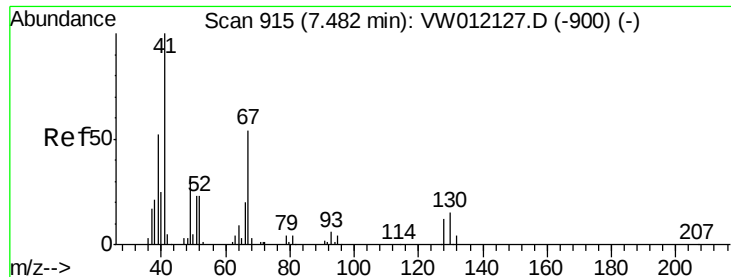
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#40
Benzene
Concen: 56.067 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	78.00	Resp	576723
Ion Ratio	100	Lower	Upper
78	100		
77	24.7	19.5	29.3





#41

Methacrylonitrile

Concen: 54.451 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 66063

Ion Ratio Lower Upper

41 100

39 53.4 45.8 68.8

67 58.9 46.2 69.4

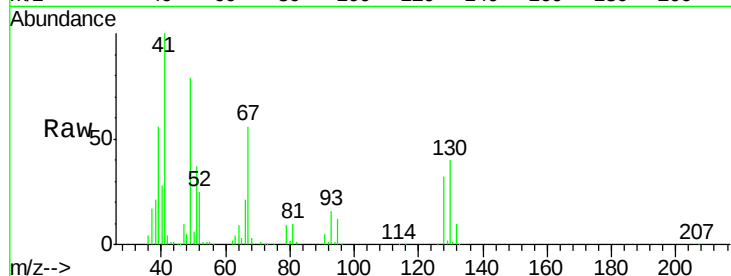
52 26.9 21.0 31.6

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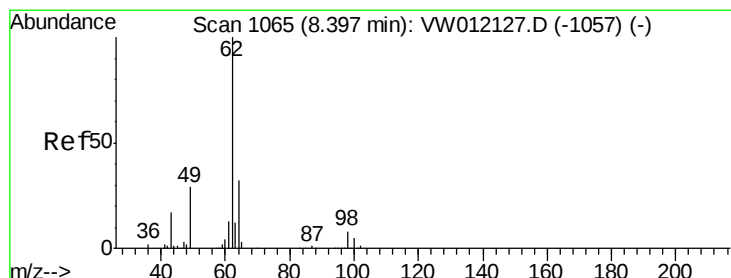
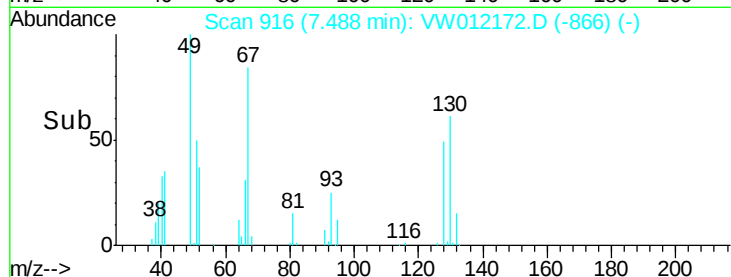
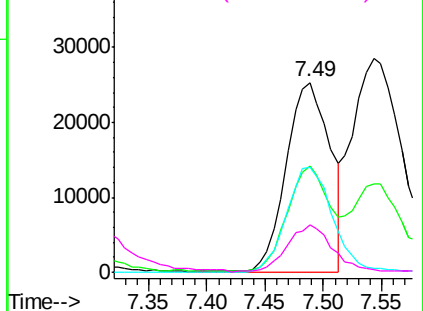


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 55.400 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012172.D

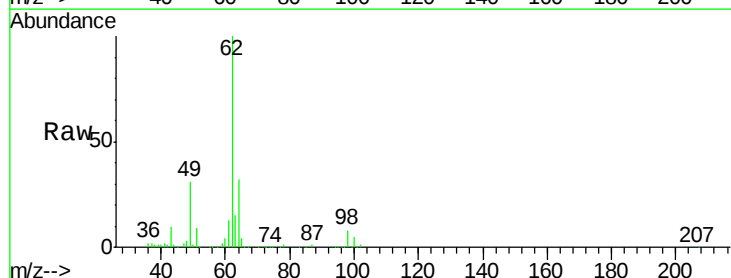
Acq: 26 Aug 2019 15:05

Tgt Ion: 62 Resp: 178598

Ion Ratio Lower Upper

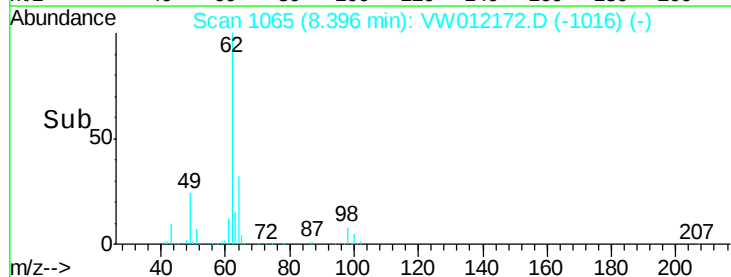
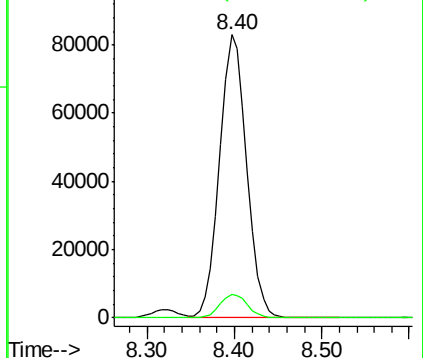
62 100

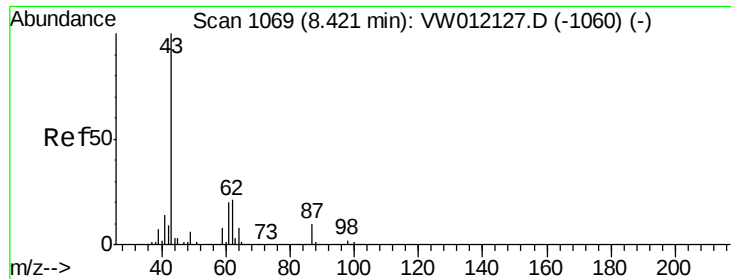
98 8.4 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 54.633 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

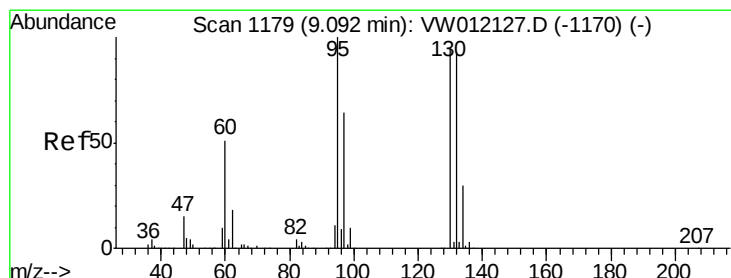
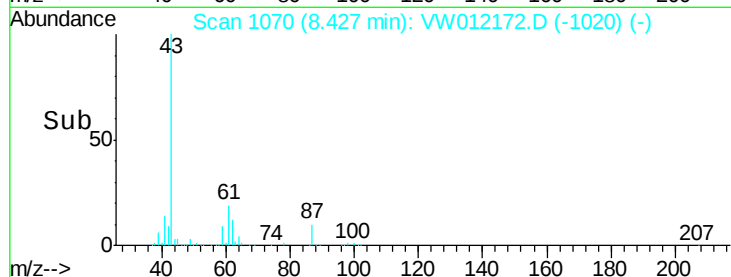
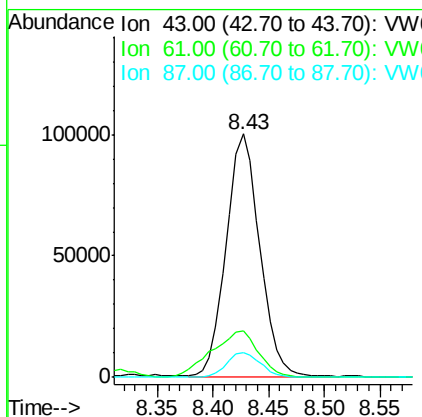
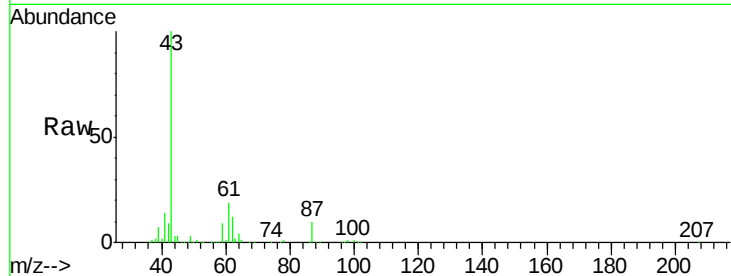
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	208903
Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.1	31.7
87	10.6	8.2	12.2

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#44

Trichloroethene

Concen: 56.587 ug/l

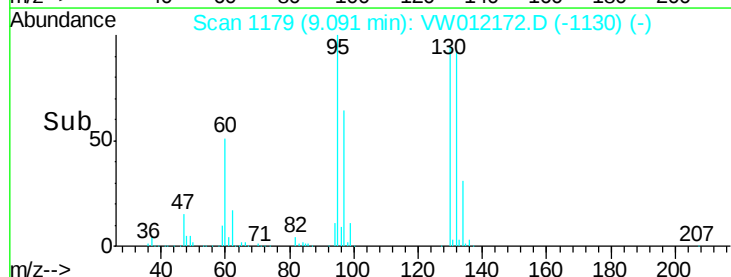
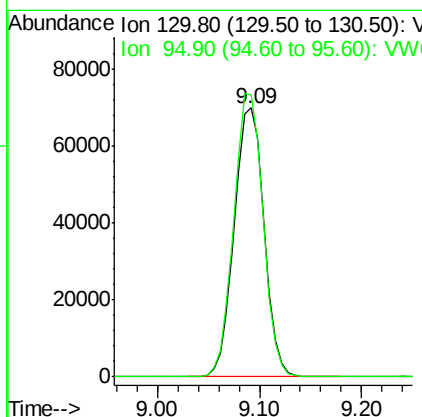
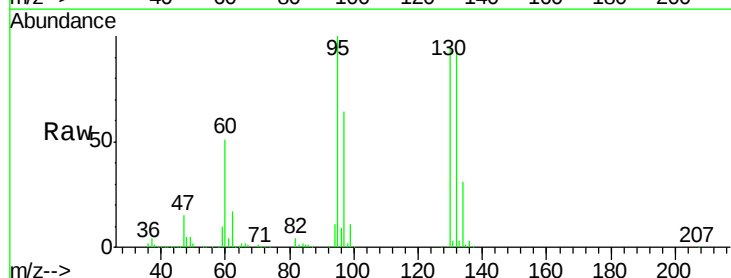
RT: 9.09 min Scan# 1179

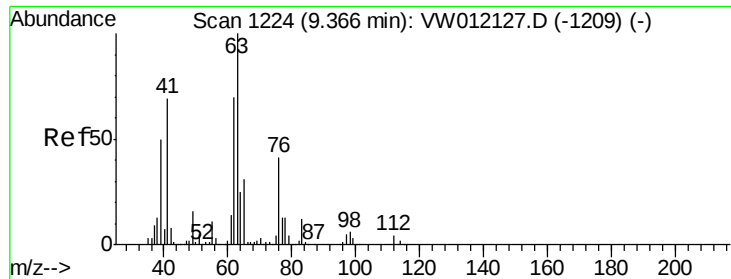
Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion:	130	Resp:	141498
Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	210.6





#45

1,2-Dichloropropane

Concen: 55.585 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 153877

Ion Ratio Lower Upper

63 100

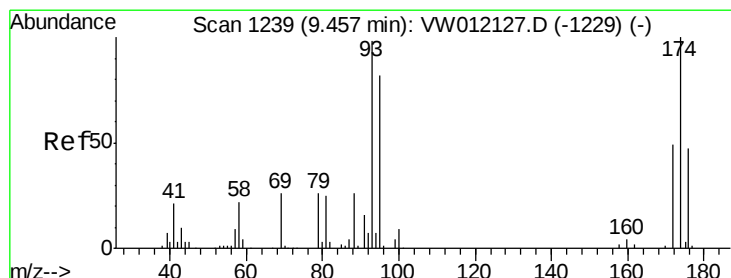
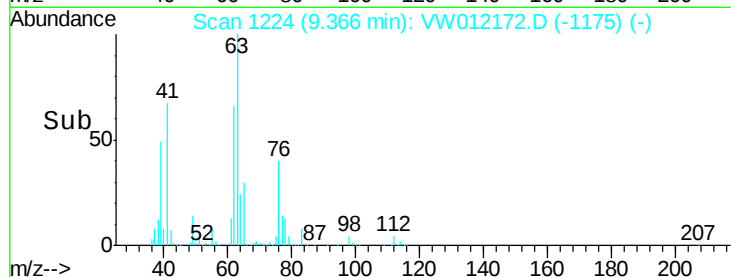
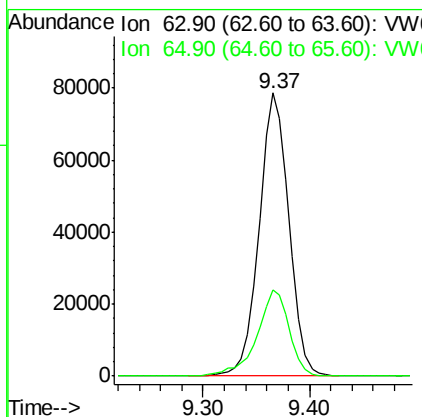
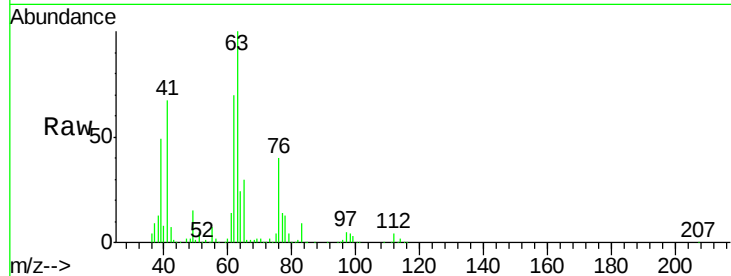
65 30.4 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 55.764 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

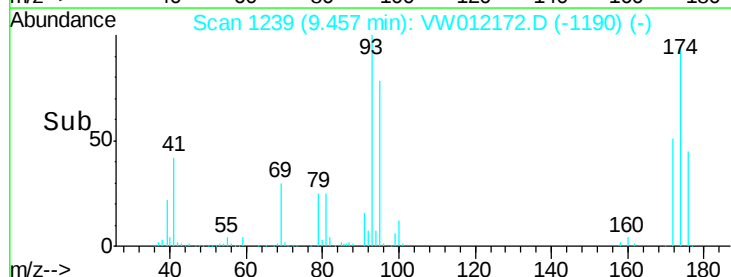
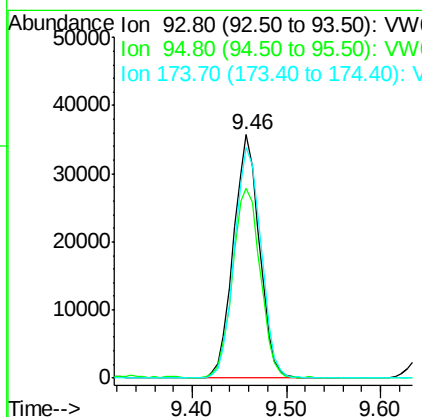
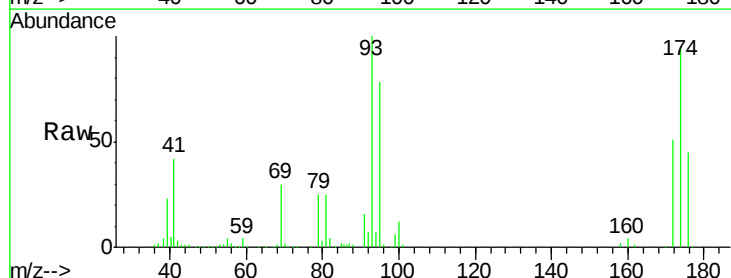
Tgt Ion: 93 Resp: 68686

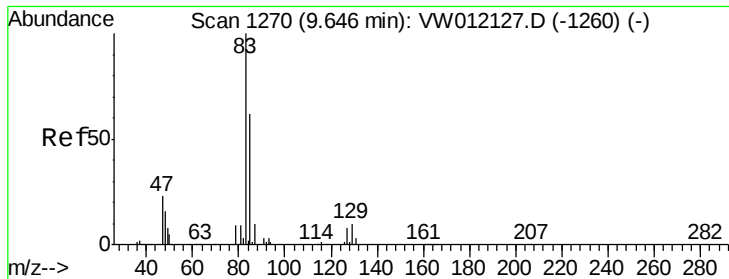
Ion Ratio Lower Upper

93 100

95 83.0 67.2 100.8

174 97.5 79.0 118.6





#47

Bromodichloromethane

Concen: 55.343 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

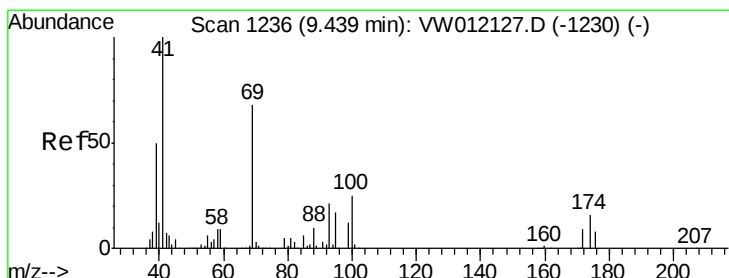
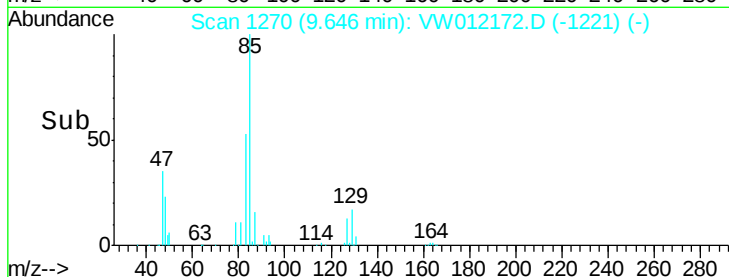
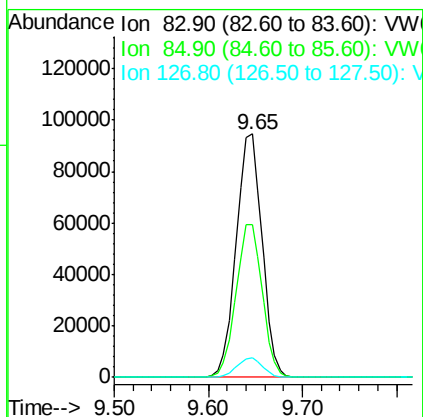
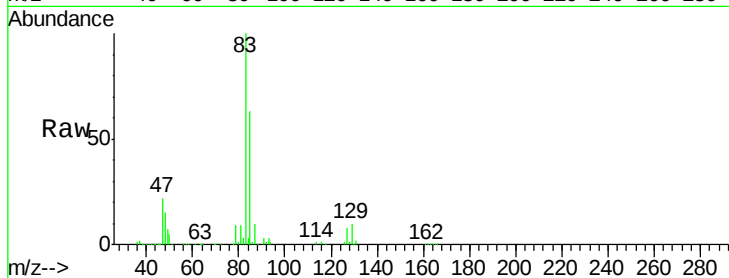
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	181420
Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.4	74.2
127	8.1	6.1	9.1

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#48

Methyl methacrylate

Concen: 55.804 ug/l

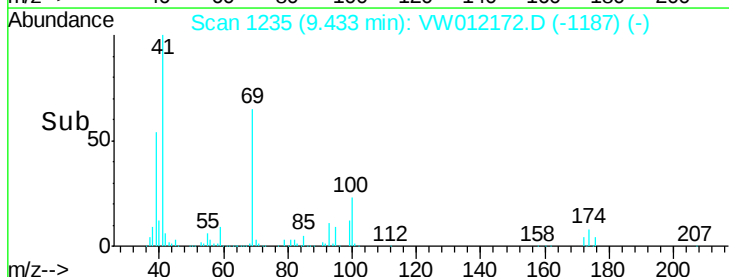
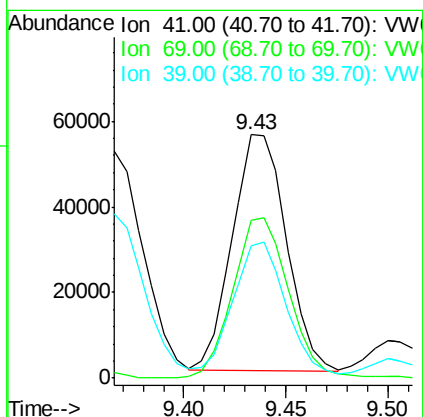
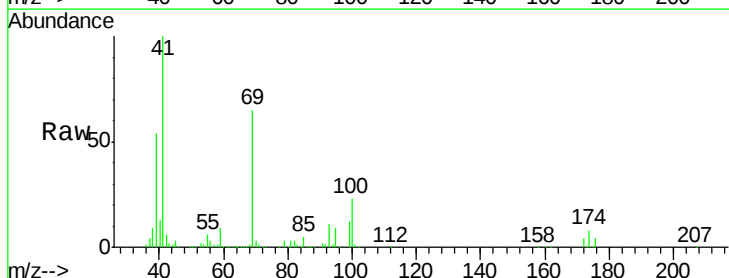
RT: 9.43 min Scan# 1235

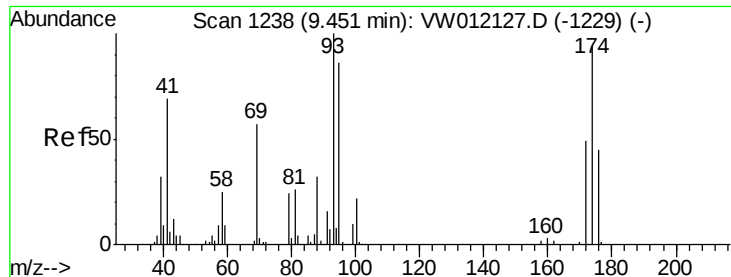
Delta R.T. -0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion:	41	Resp:	101558
Ion	Ratio	Lower	Upper
41	100		
69	70.3	56.7	85.1
39	57.4	42.0	63.0





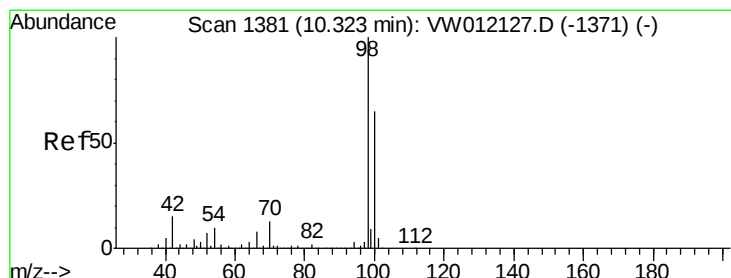
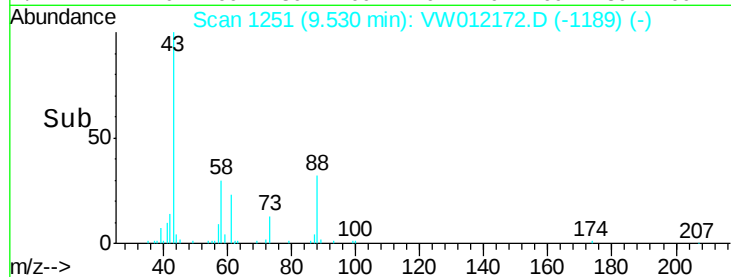
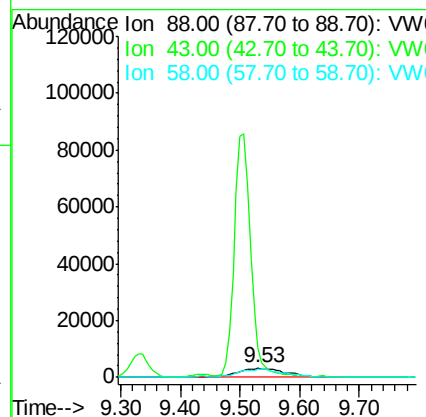
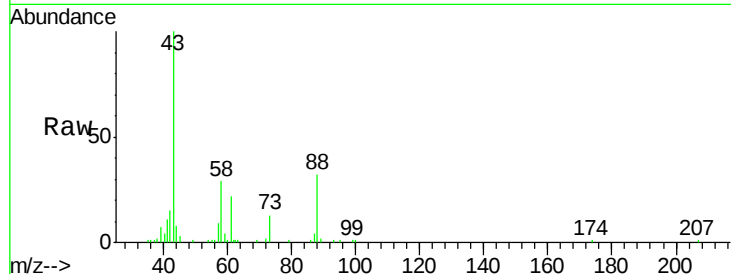
#49
 1,4-Dioxane
 Concen: 950.034 ug/l
 RT: 9.53 min Scan# 1251
 Delta R.T. 0.08 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	17914
Ion Ratio	Lower	Upper	
88	100		
43	0.0	32.9	49.3#
58	84.0	71.0	106.4

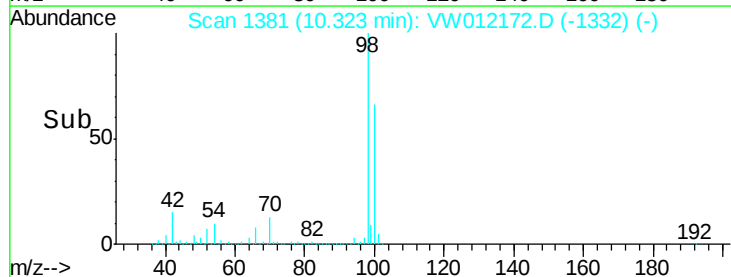
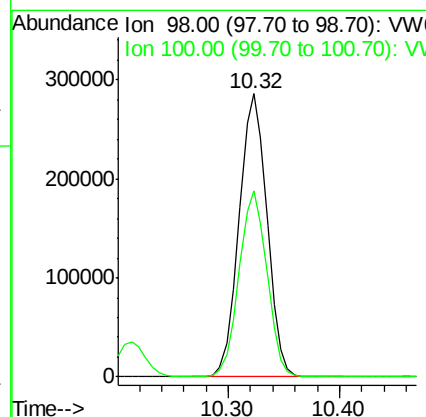
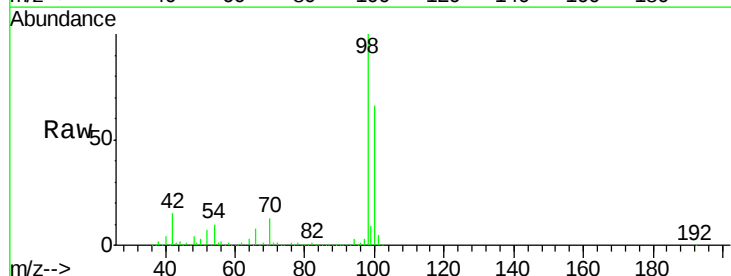
Manual Integrations
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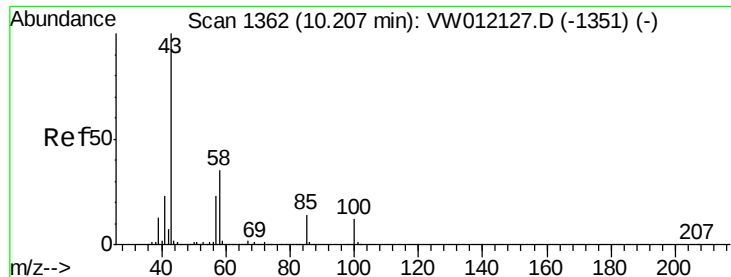
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#50
 Toluene-d8
 Concen: 56.221 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	98	Resp	496028
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 278.465 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 541576

Ion Ratio Lower Upper

43 100

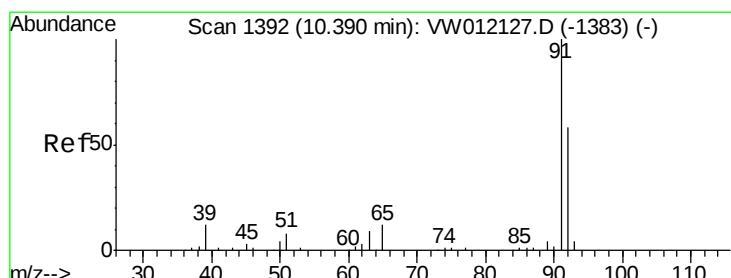
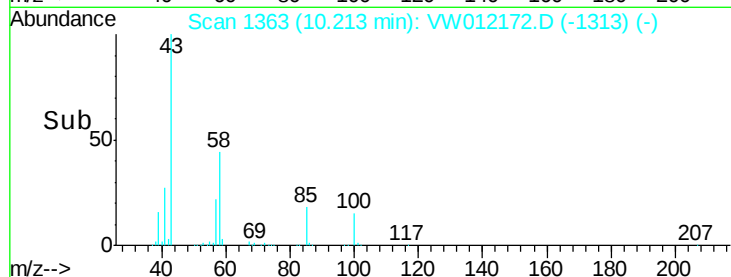
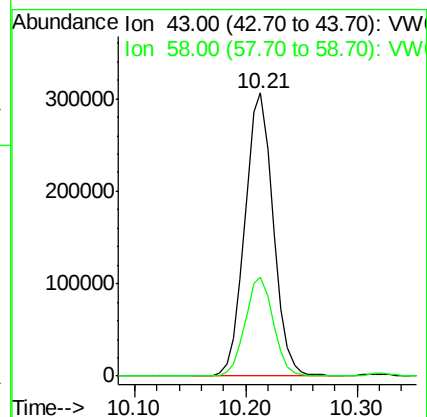
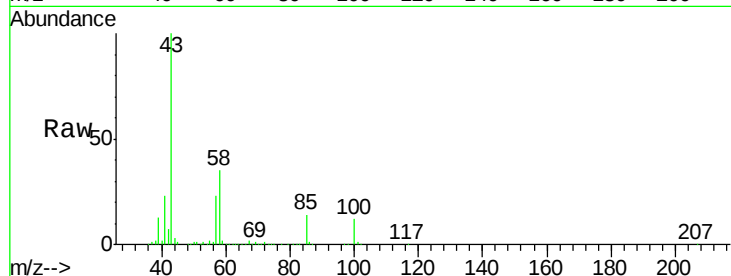
58 34.8 28.2 42.2

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#52

Toluene

Concen: 56.970 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012172.D

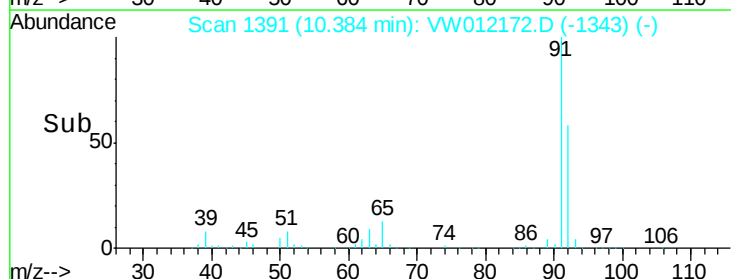
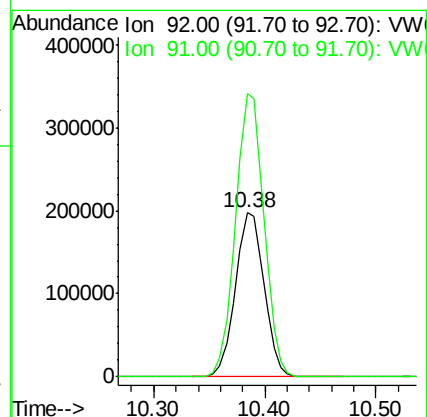
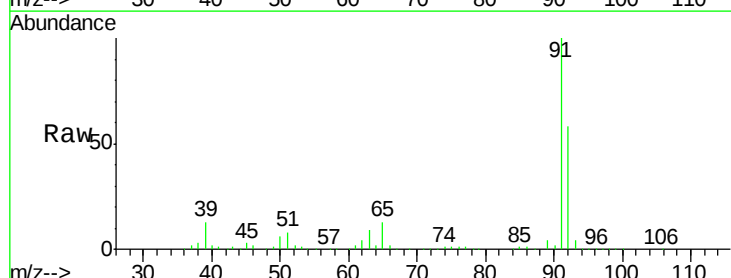
Acq: 26 Aug 2019 15:05

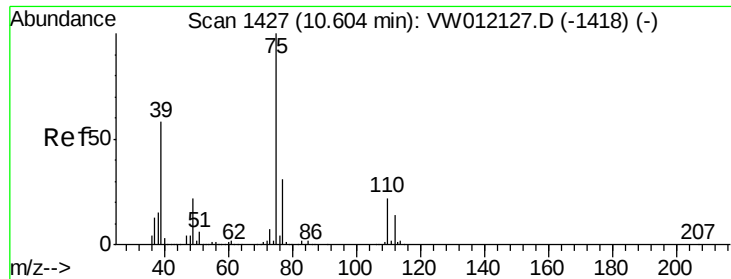
Tgt Ion: 92 Resp: 352043

Ion Ratio Lower Upper

92 100

91 171.5 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 57.116 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 190719

Ion Ratio Lower Upper

75 100

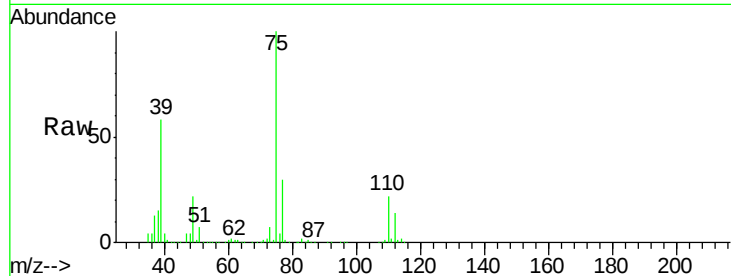
77 29.9 25.0 37.4

Manual Integrations

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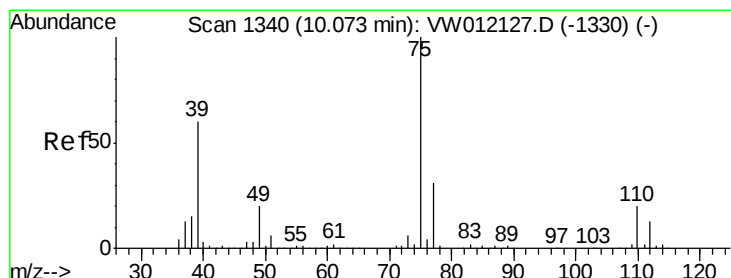
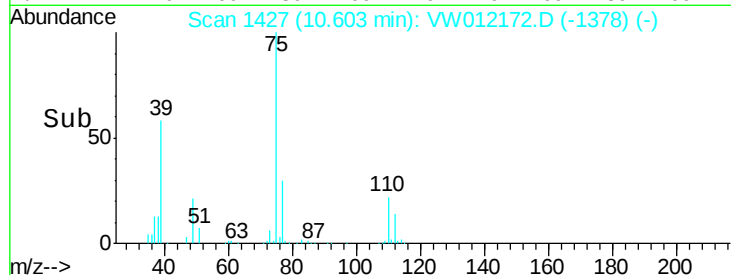
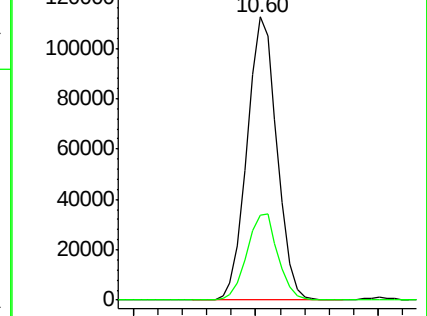
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 56.586 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

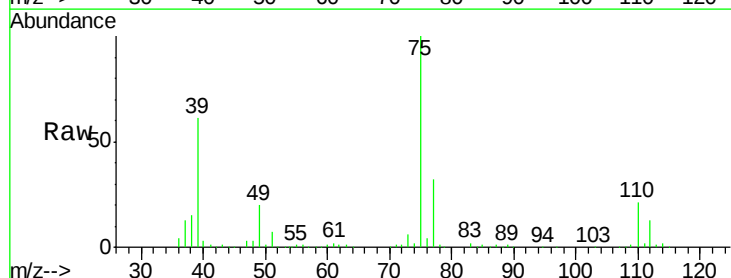
Tgt Ion: 75 Resp: 228146

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

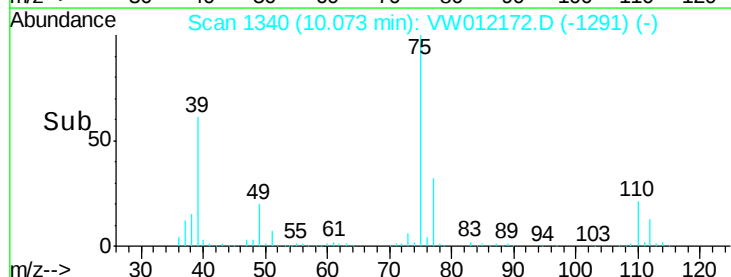
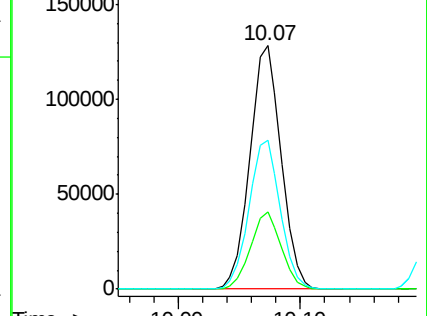
39 61.2 48.3 72.5

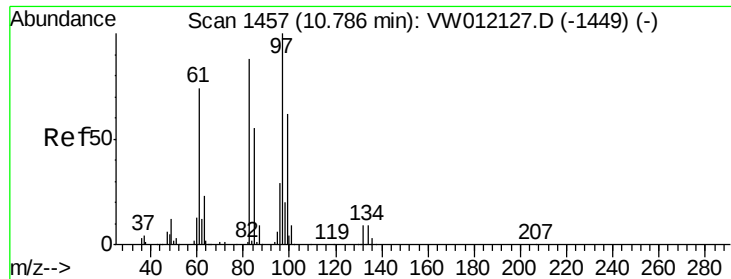


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 55.694 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 97058

Ion Ratio Lower Upper

97 100

83 88.8 70.8 106.2

85 57.6 43.8 65.8

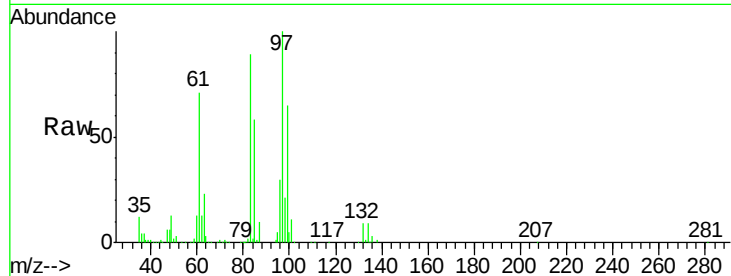
99 64.8 49.8 74.6

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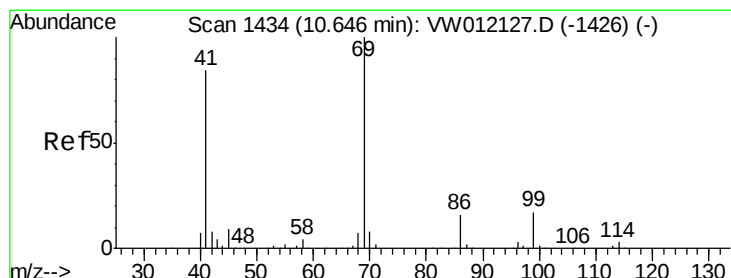
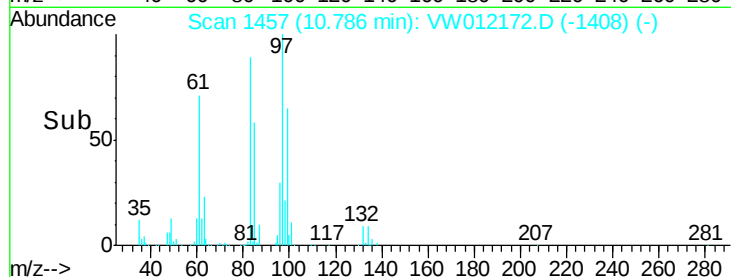
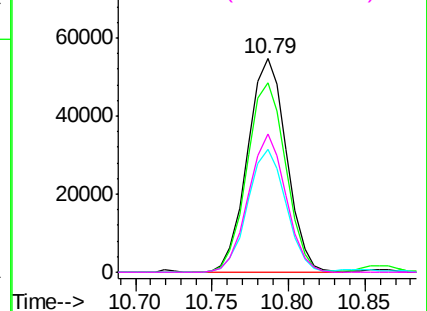


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 57.310 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

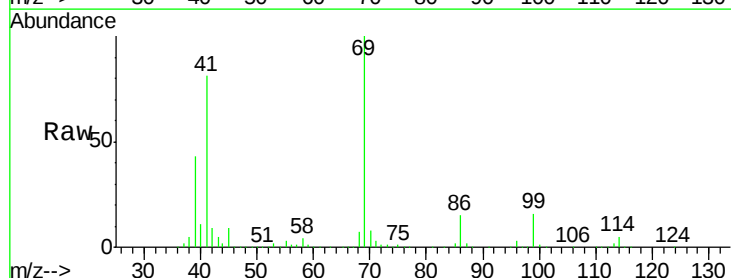
Tgt Ion: 69 Resp: 145360

Ion Ratio Lower Upper

69 100

41 82.1 66.5 99.7

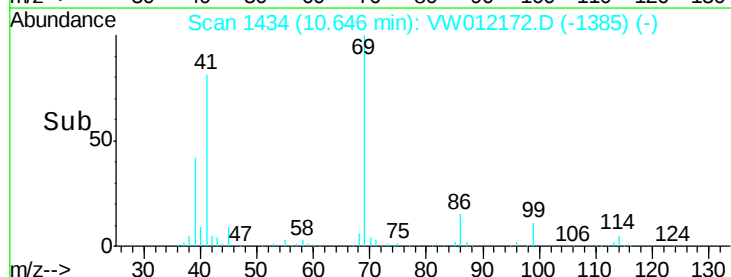
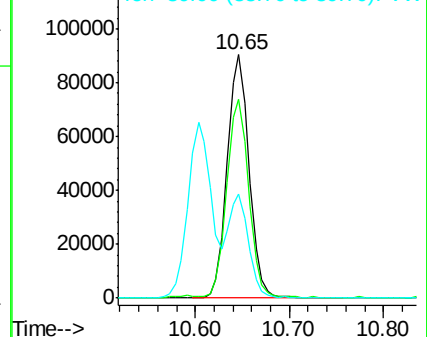
39 39.4 31.0 46.4

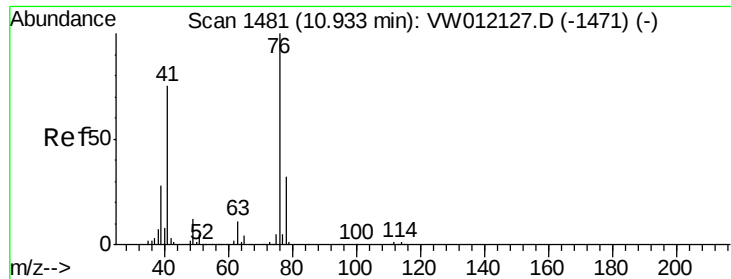


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





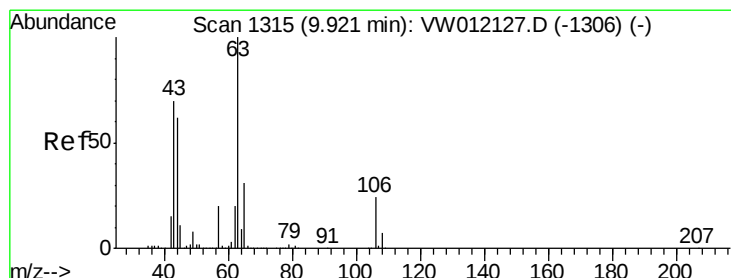
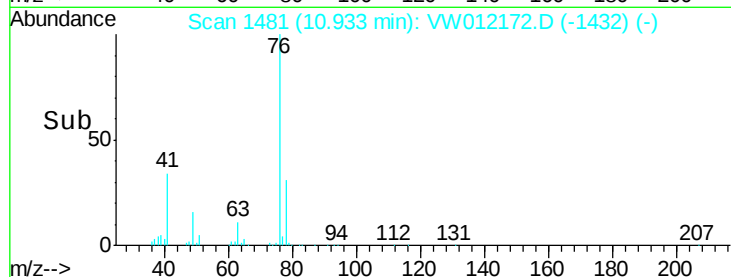
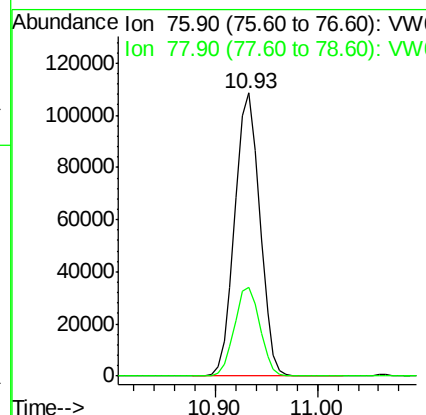
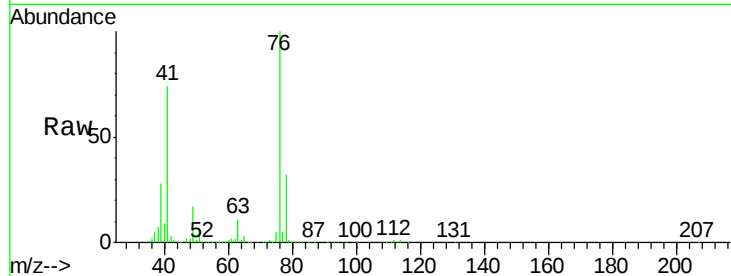
#57
 1,3-Dichloropropane
 Concen: 55.992 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

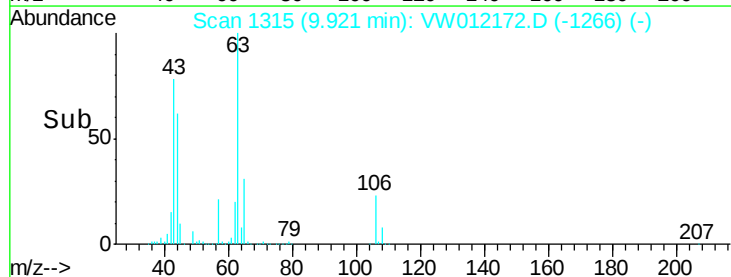
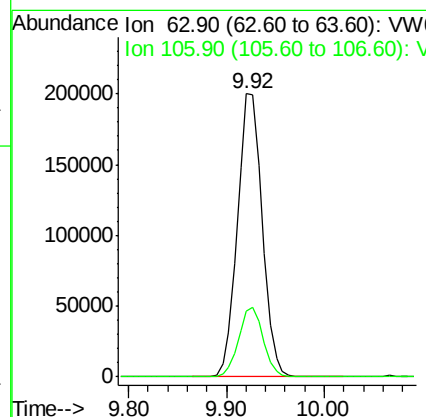
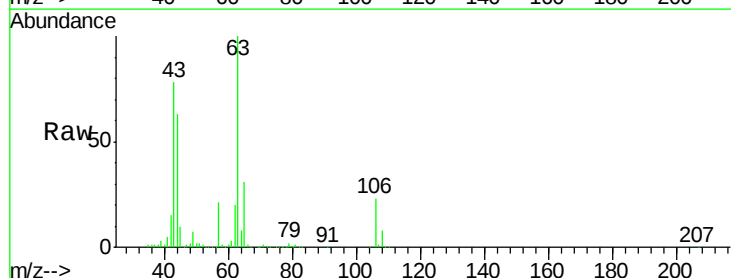
Manual Integrations
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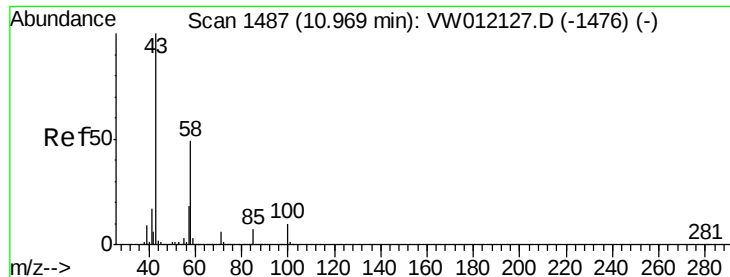
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 270.836 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.3	19.8	29.8





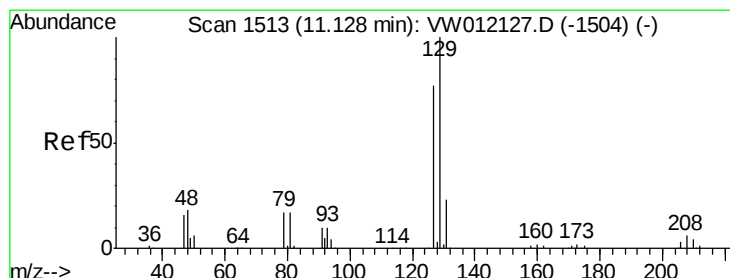
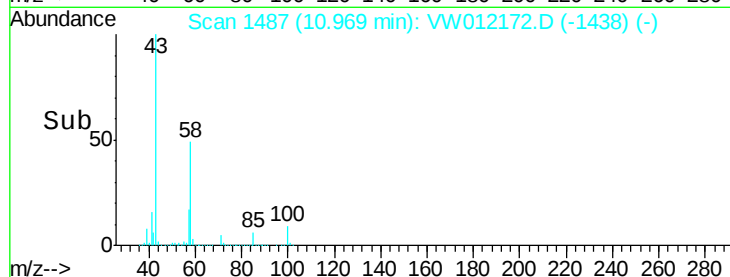
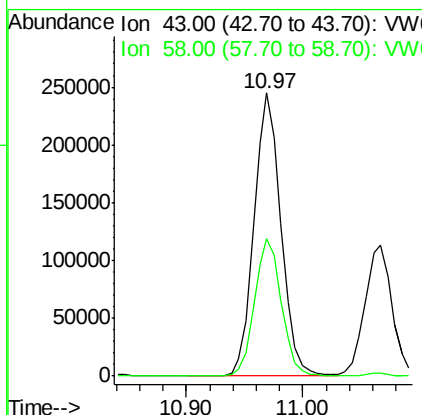
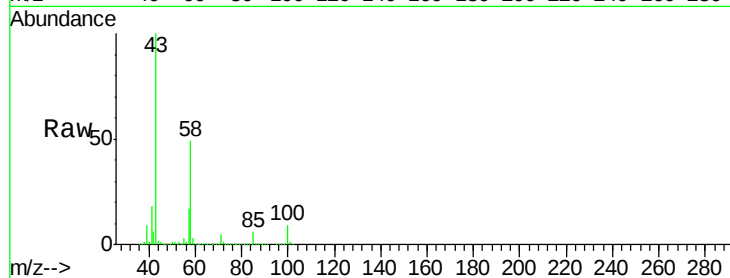
#59
2-Hexanone
Concen: 286.415 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.5	24.3	72.9

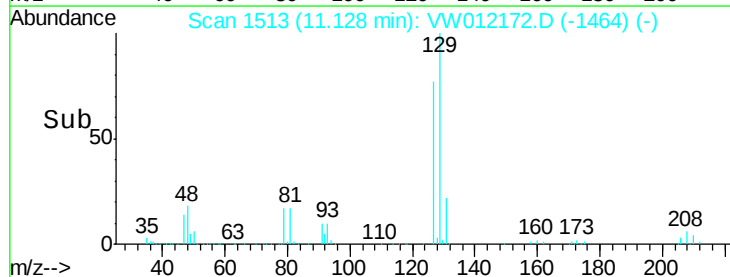
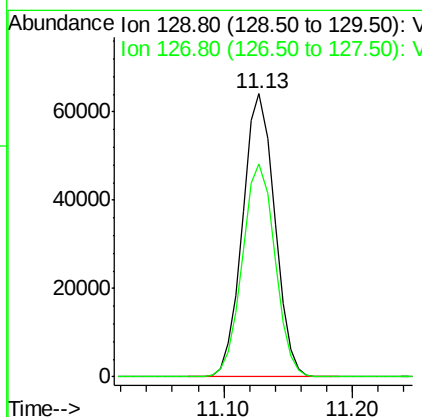
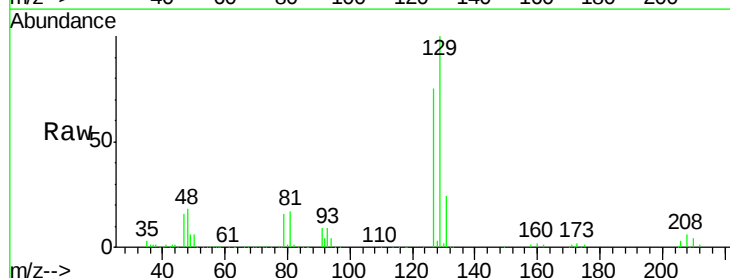
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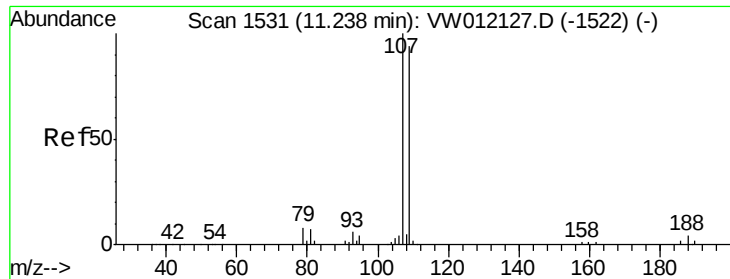
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#60
Dibromochloromethane
Concen: 56.960 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.8





#61

1,2-Dibromoethane

Concen: 56.141 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 91149

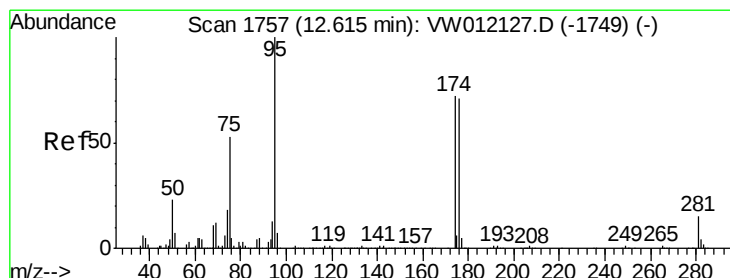
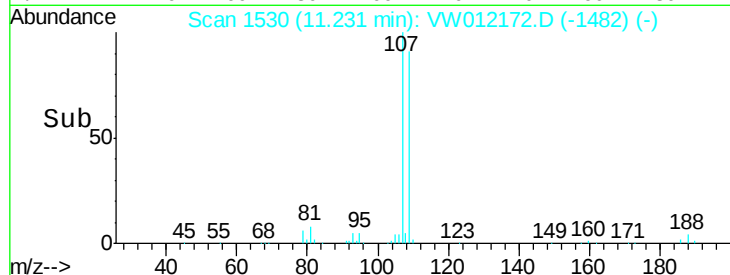
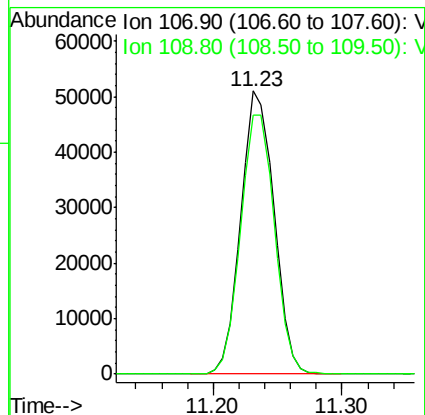
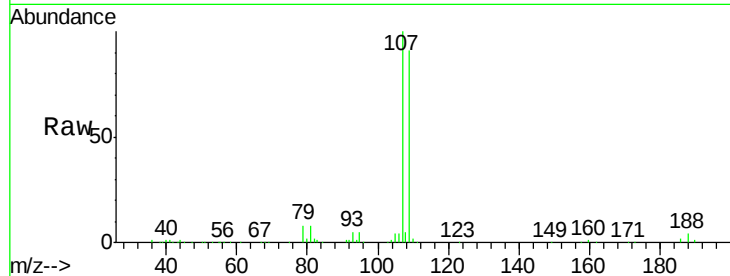
Ion Ratio Lower Upper

107 100

109 93.4 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 55.331 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

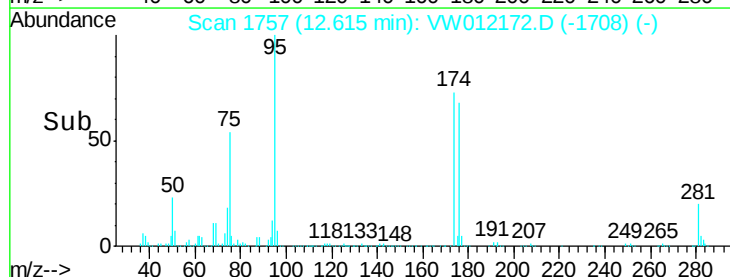
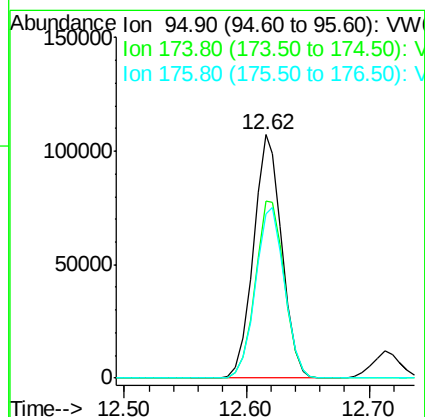
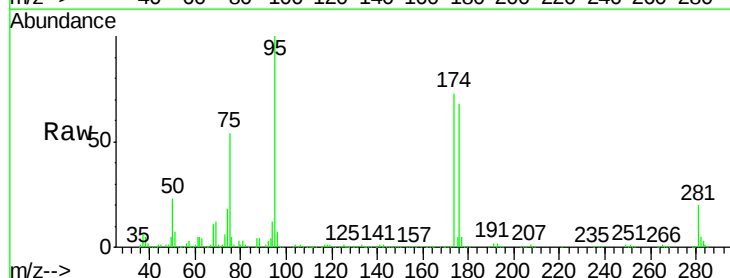
Tgt Ion: 95 Resp: 172082

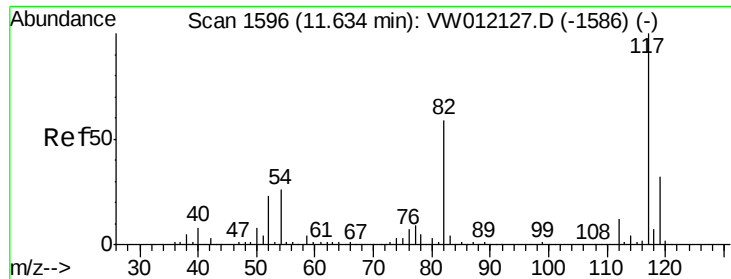
Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.8

176 72.3 0.0 148.6





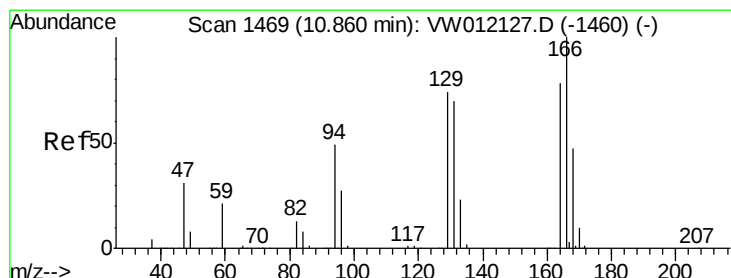
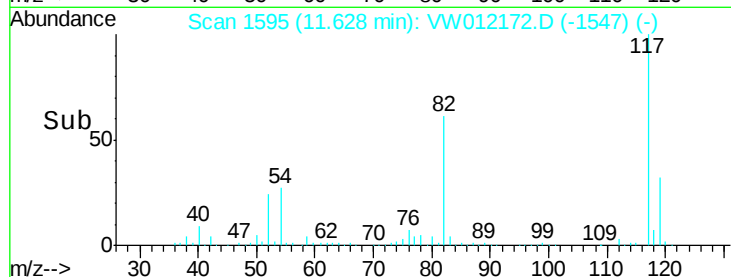
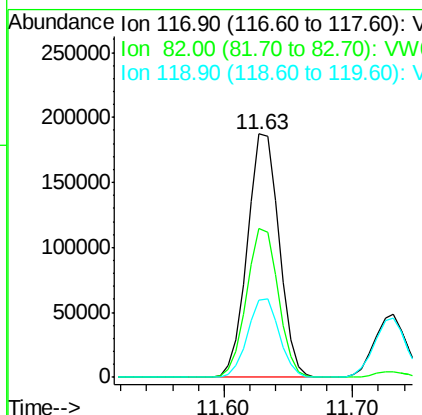
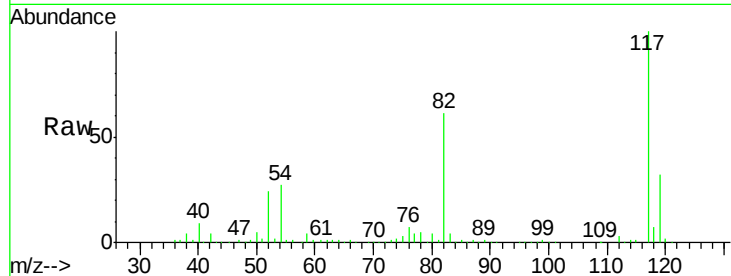
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	47.4	71.2
119	31.8	25.4	38.2

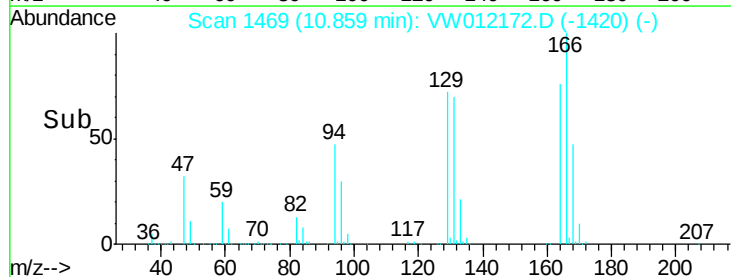
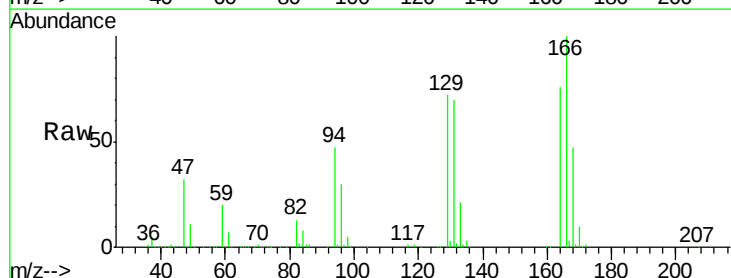
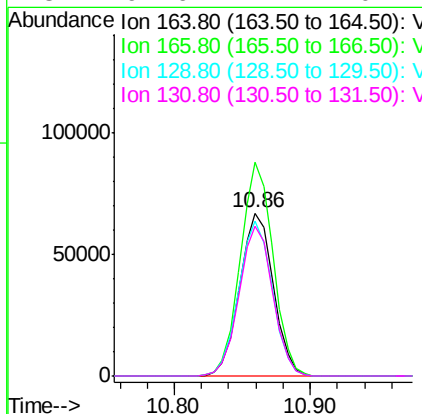
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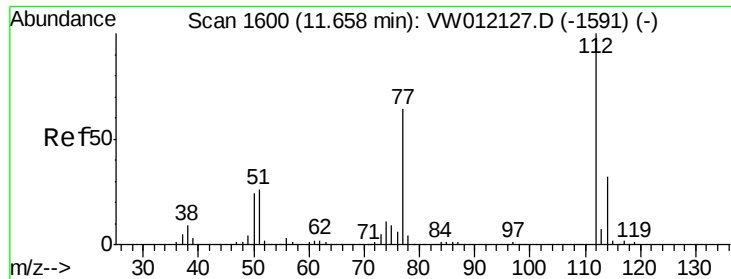
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#64
Tetrachloroethene
Concen: 56.094 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	102.4	153.6
129	94.8	75.8	113.6
131	91.6	71.4	107.2





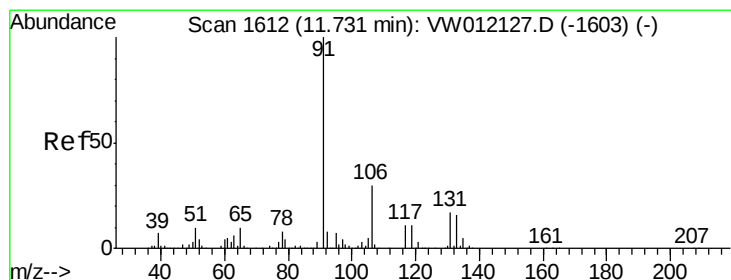
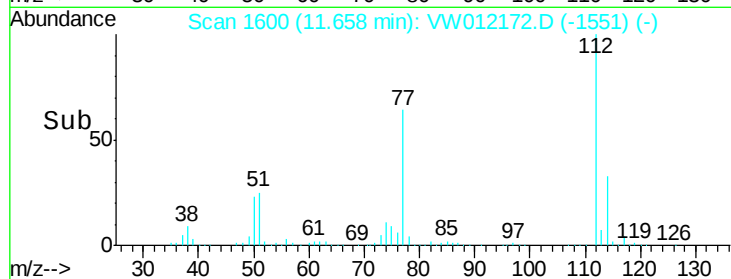
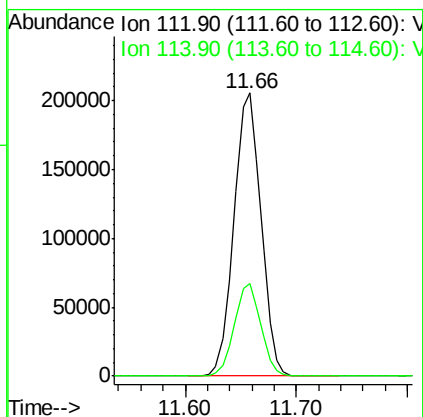
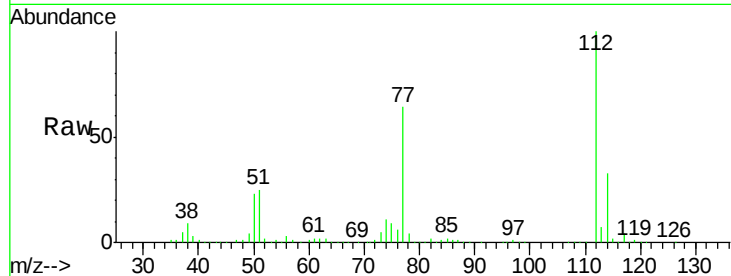
#65
Chlorobenzene
Concen: 55.083 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.8	38.6

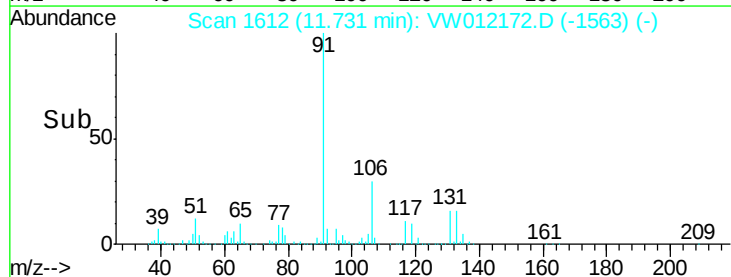
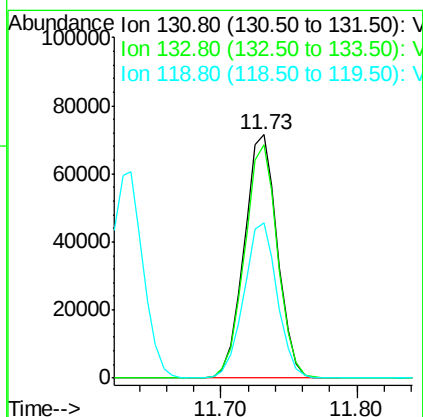
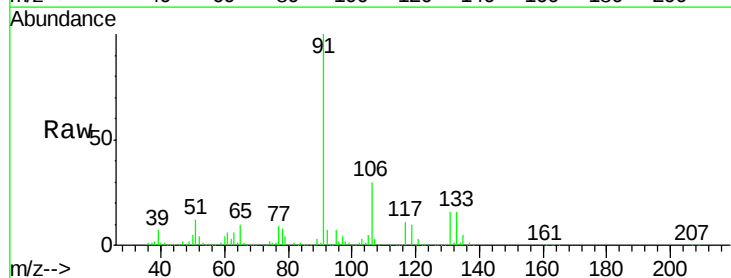
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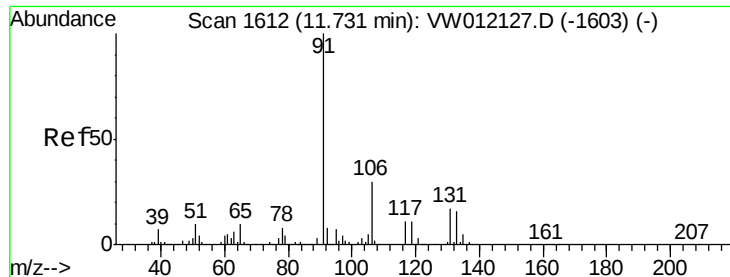
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.629 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.1	141.3
119	64.2	31.8	95.3





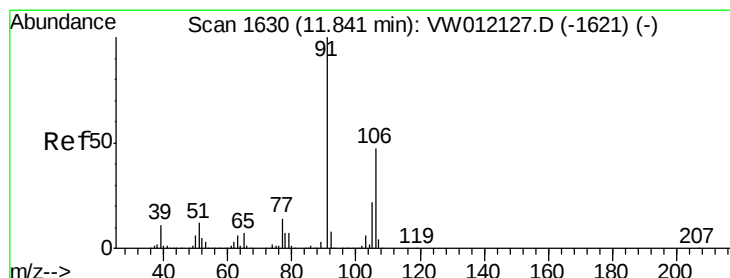
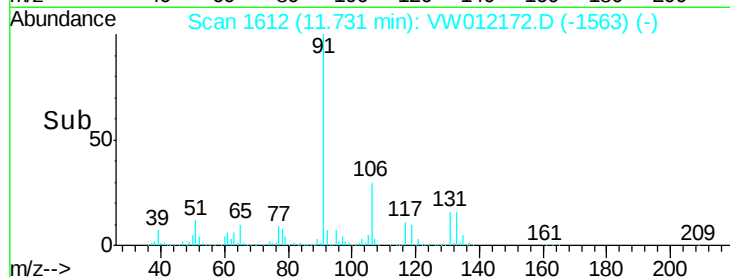
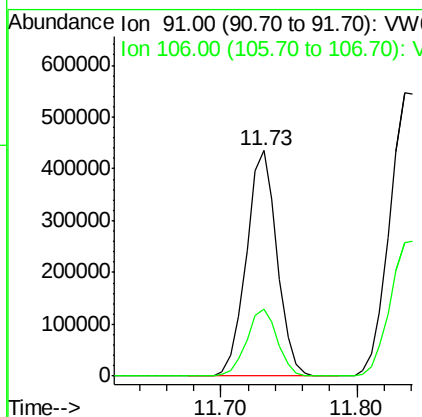
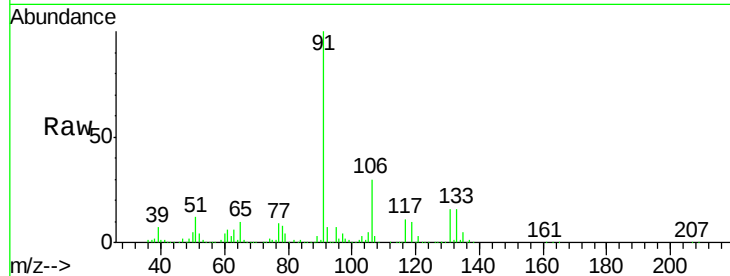
#67
Ethyl Benzene
Concen: 56.829 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.3	36.5

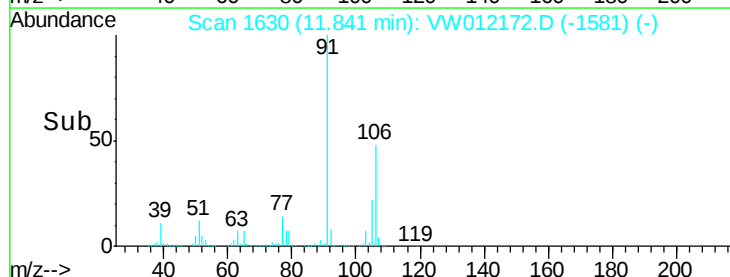
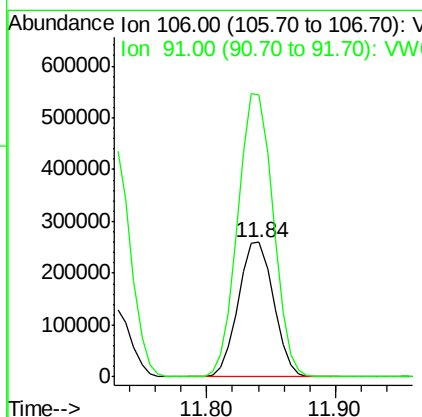
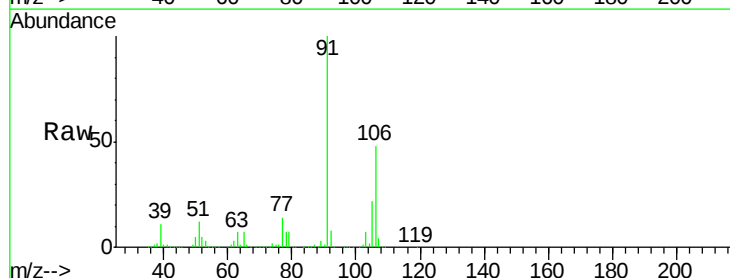
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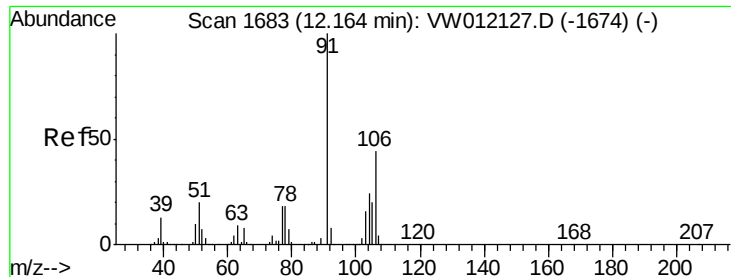
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#68
m/p-Xylenes
Concen: 113.991 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.3	169.5	254.3





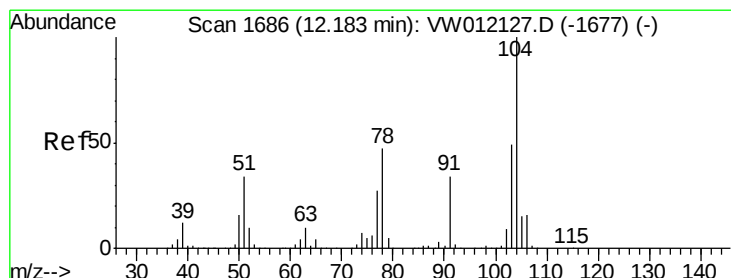
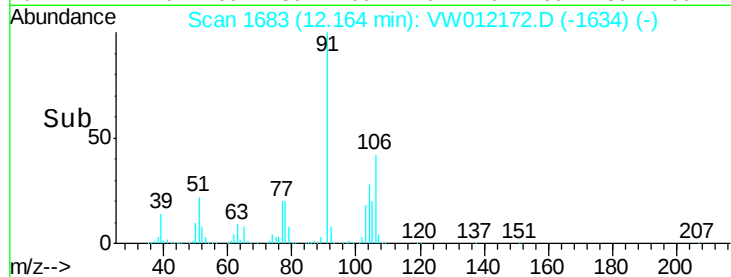
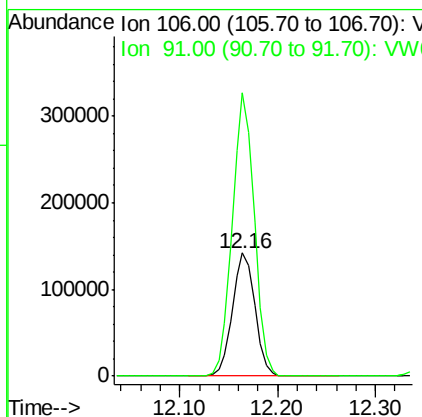
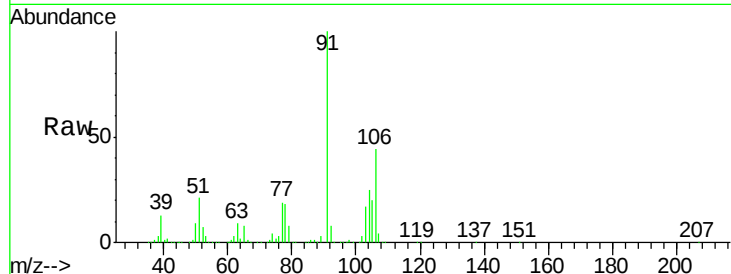
#69
o-Xylene
Concen: 56.364 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 226845
Ion Ratio Lower Upper
106 100
91 224.5 111.6 334.6

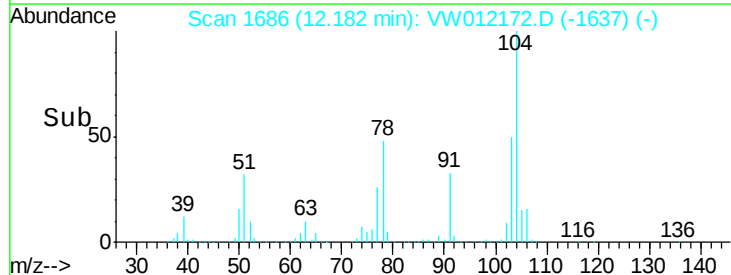
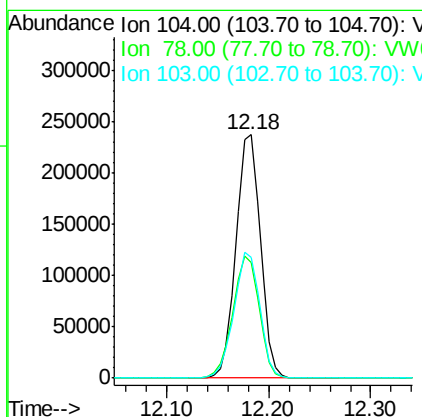
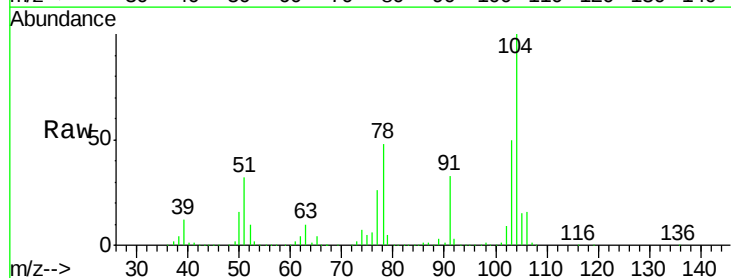
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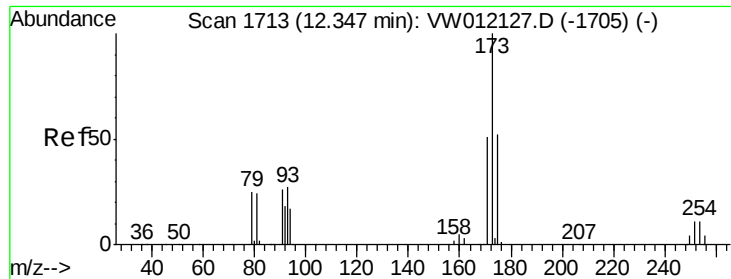
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#70
Styrene
Concen: 56.355 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion:104 Resp: 392582
Ion Ratio Lower Upper
104 100
78 54.2 43.1 64.7
103 54.7 43.5 65.3





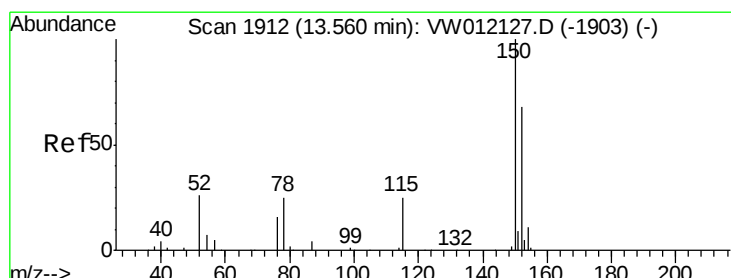
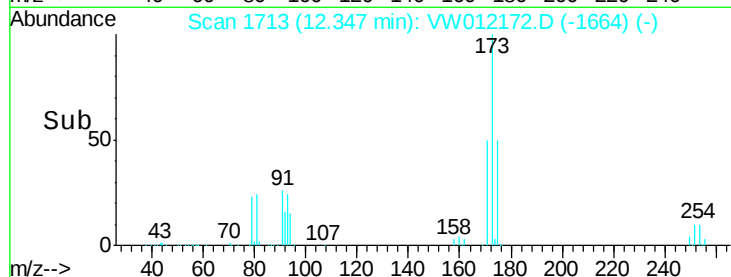
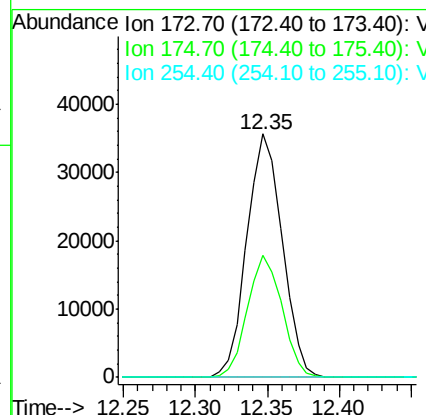
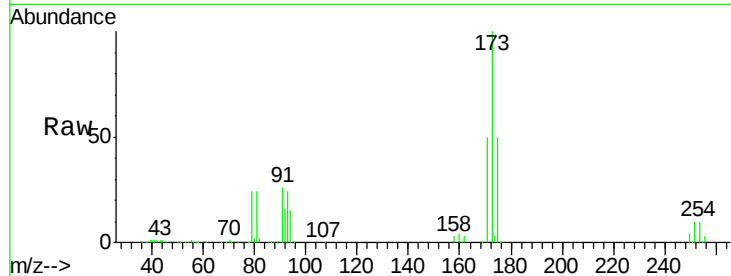
#71
Bromoform
Concen: 55.770 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	74.0
254	0.2	0.2	0.2

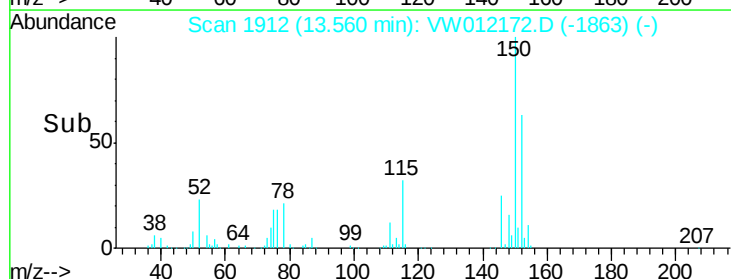
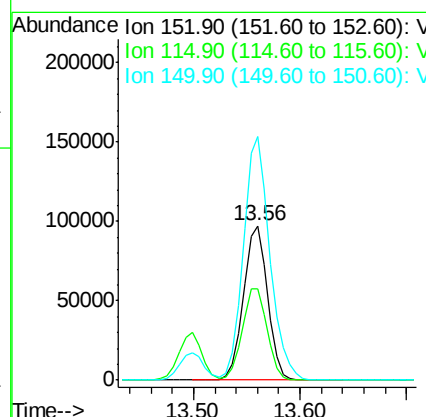
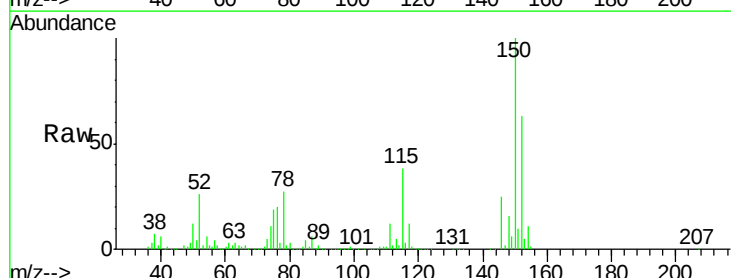
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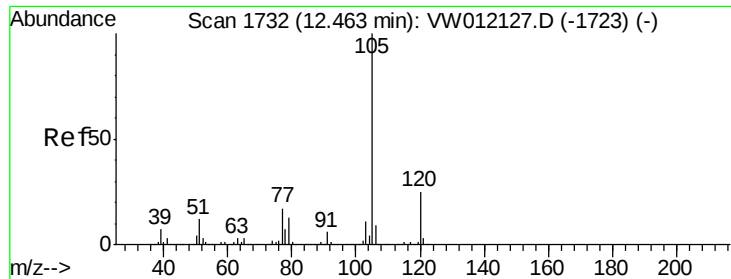
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.1	90.3
150	173.4	0.0	345.8





#73

Isopropylbenzene

Concen: 55.373 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 638230

Ion Ratio Lower Upper

105 100

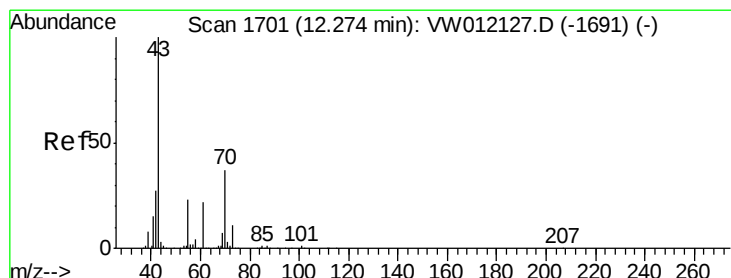
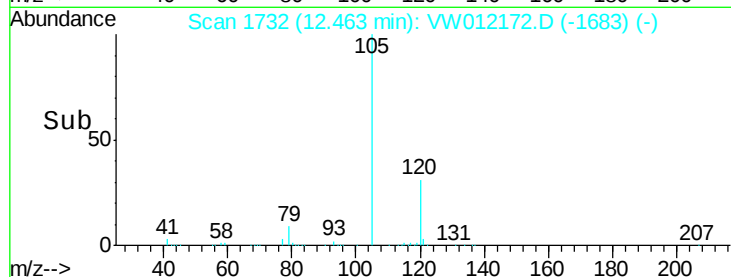
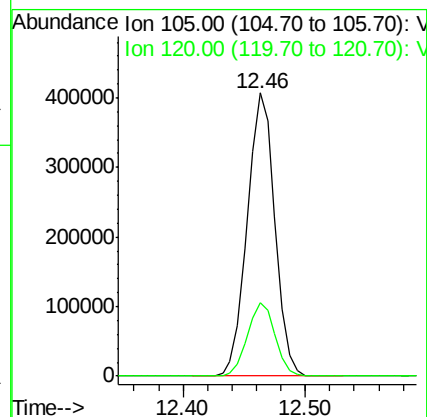
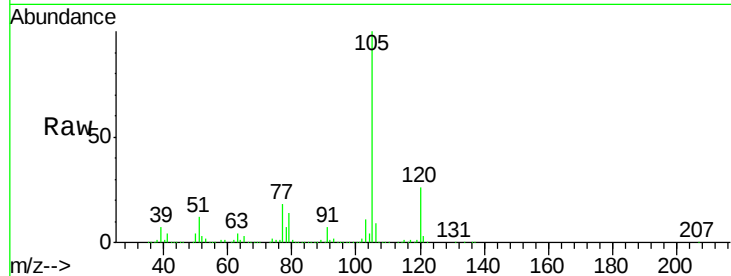
120 25.8 12.5 37.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 56.552 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion: 43 Resp: 196932

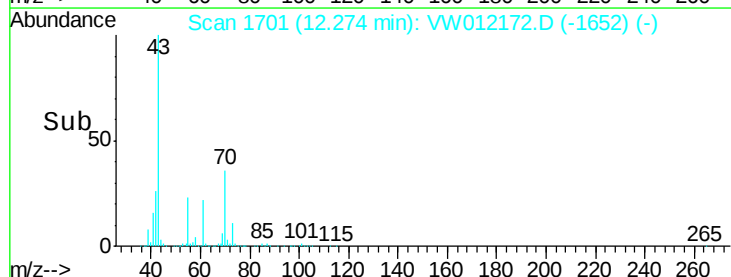
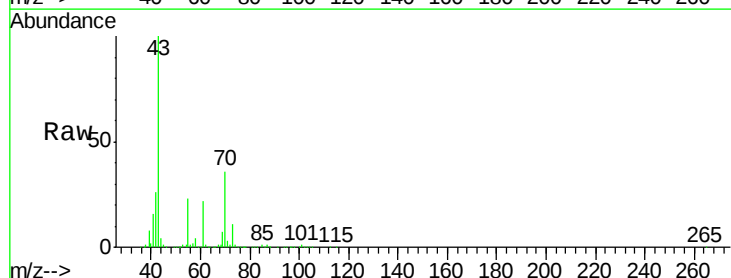
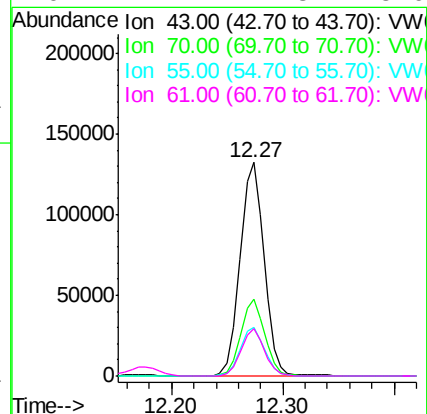
Ion Ratio Lower Upper

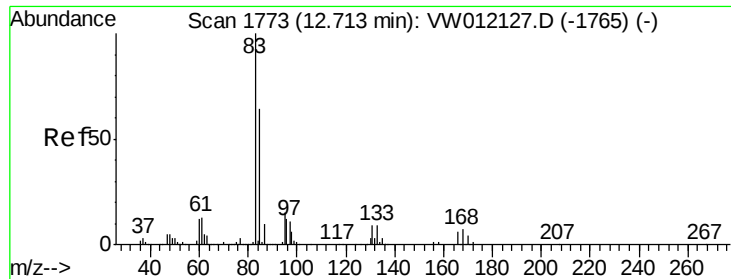
43 100

70 35.9 28.6 43.0

55 22.9 17.8 26.6

61 21.7 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 55.149 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

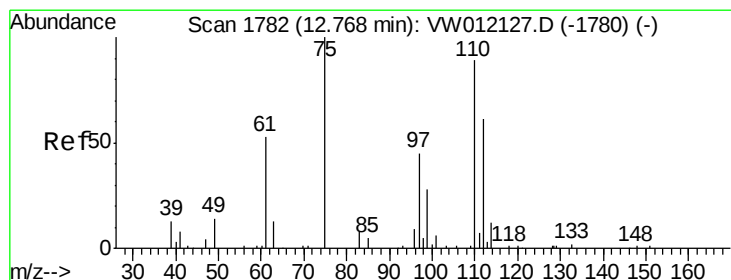
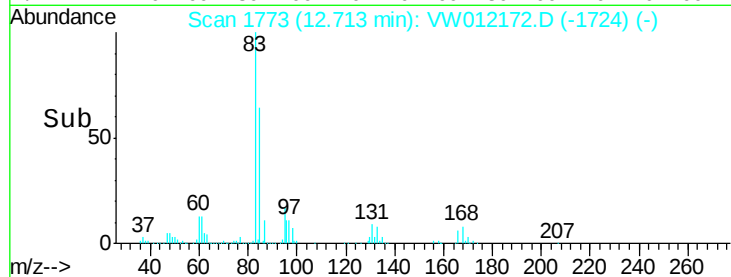
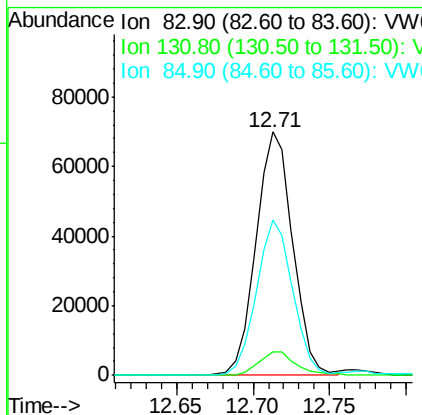
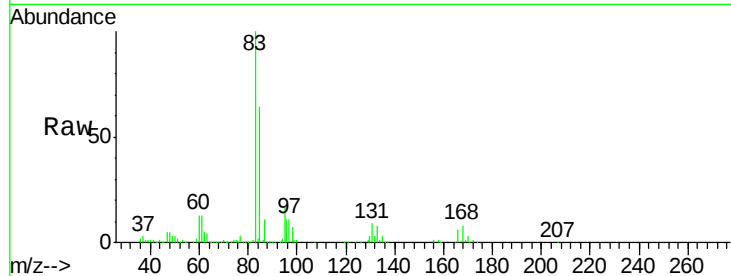
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	116534
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	63.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 52.385 ug/l m

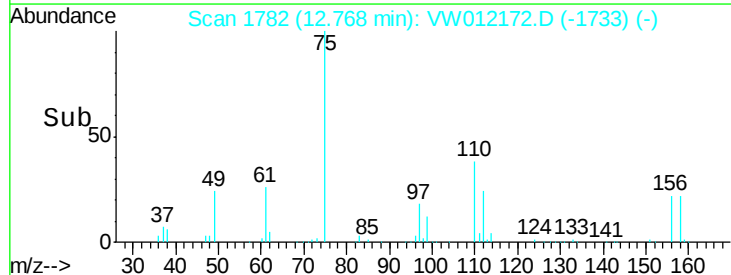
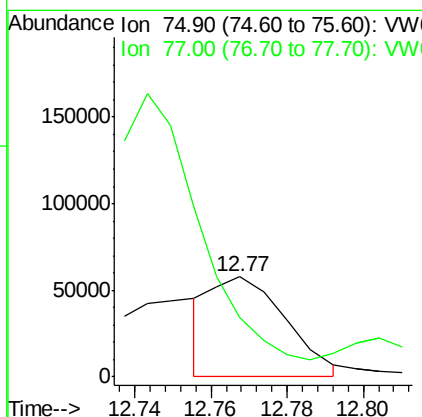
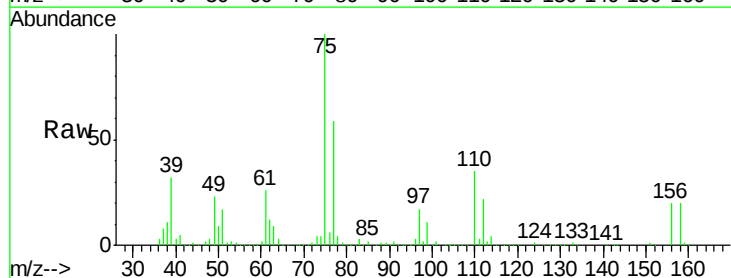
RT: 12.77 min Scan# 1782

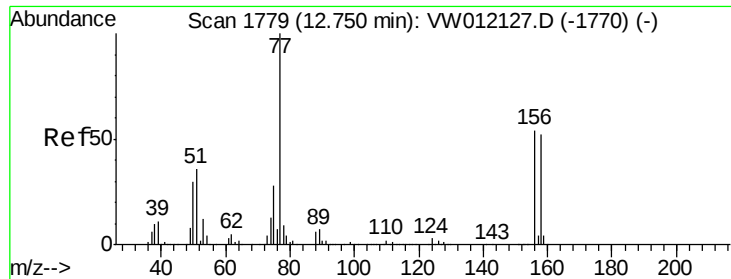
Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion:	75	Resp:	78479
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.764 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

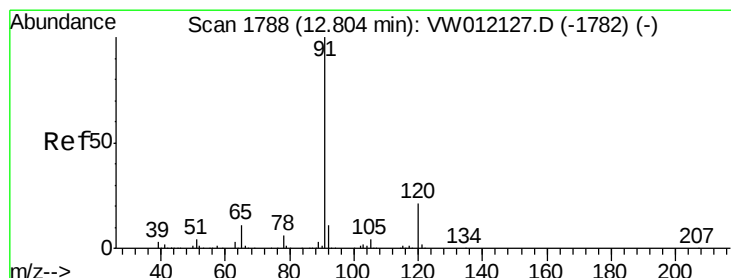
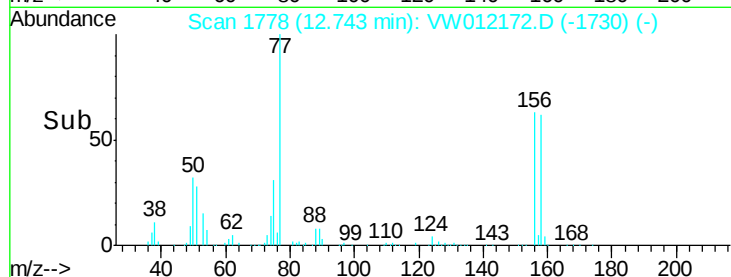
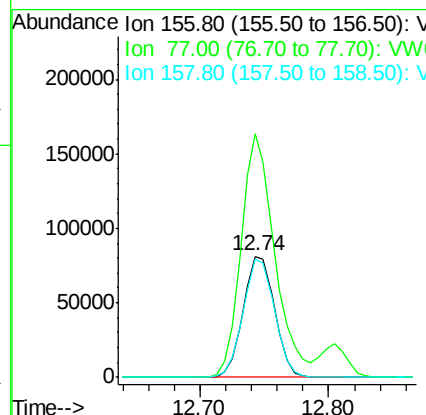
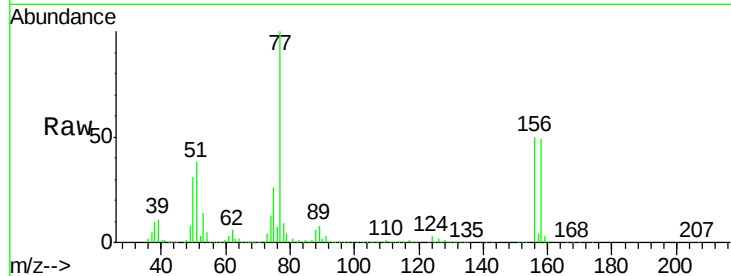
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	136557
Ion Ratio	Lower	Upper	
156	100		
77	215.7	107.3	321.8
158	98.2	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 56.141 ug/l

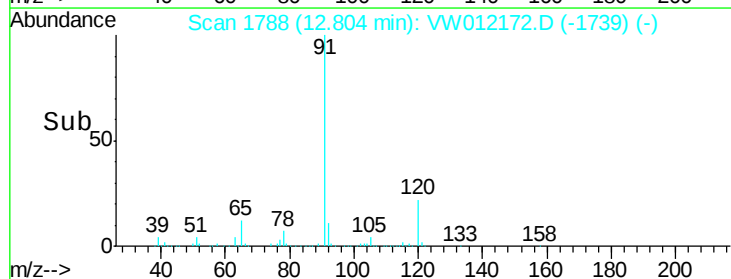
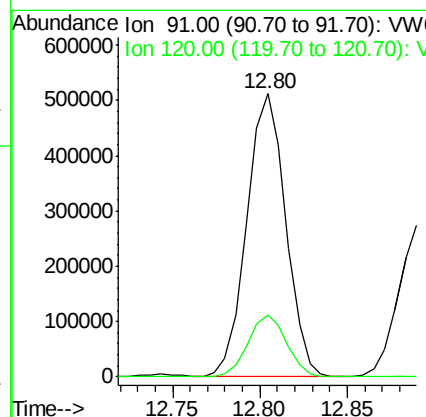
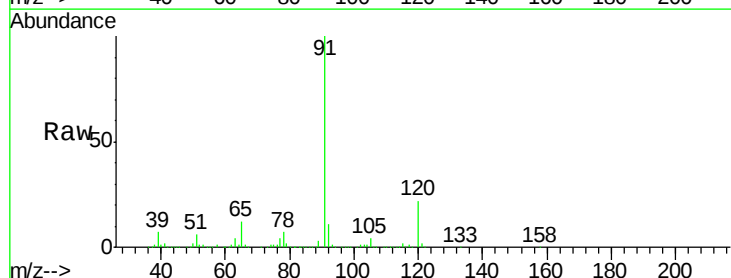
RT: 12.80 min Scan# 1788

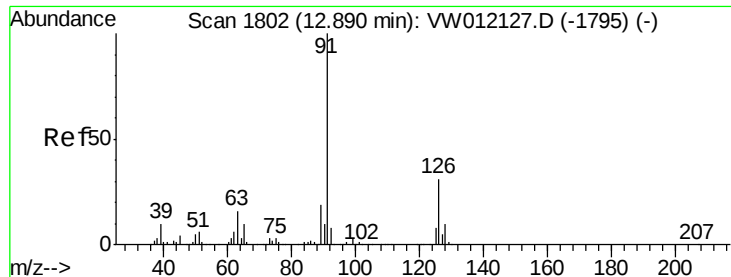
Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion:	91	Resp:	789956
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.5	31.6





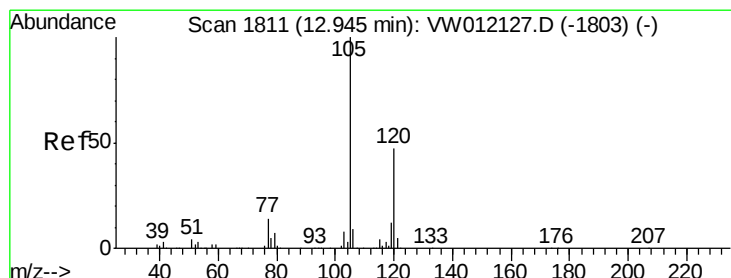
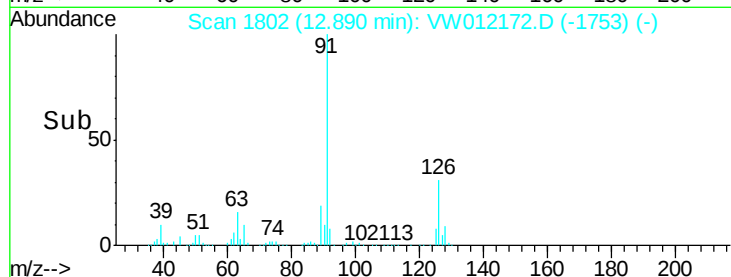
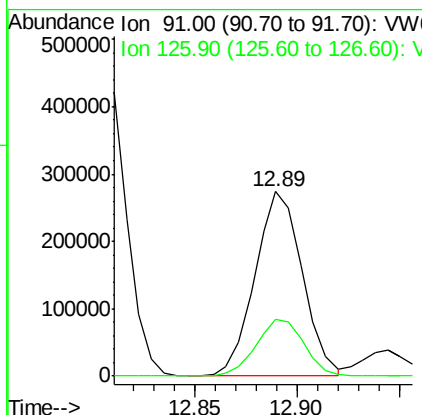
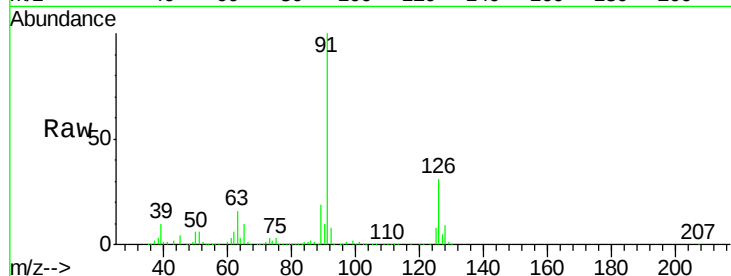
#79
 2-Chlorotoluene
 Concen: 55.351 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 442179
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.7 47.0

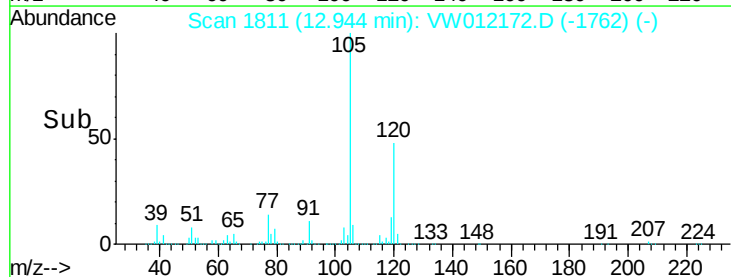
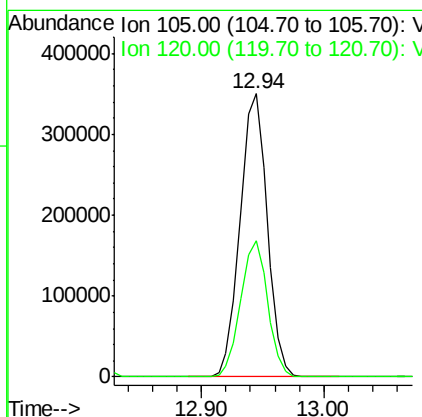
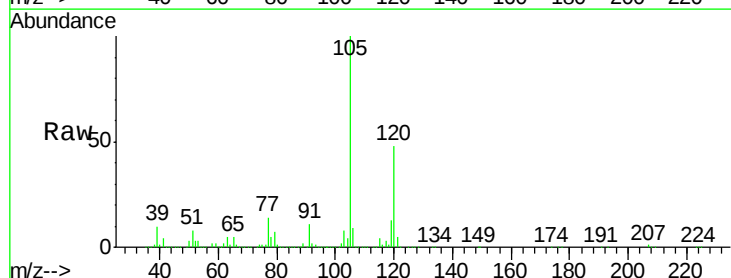
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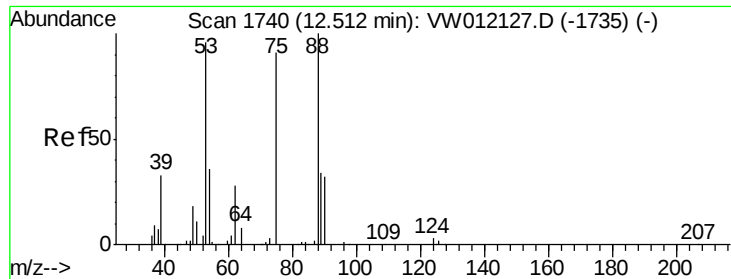
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.794 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion: 105 Resp: 537359
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.0 72.0





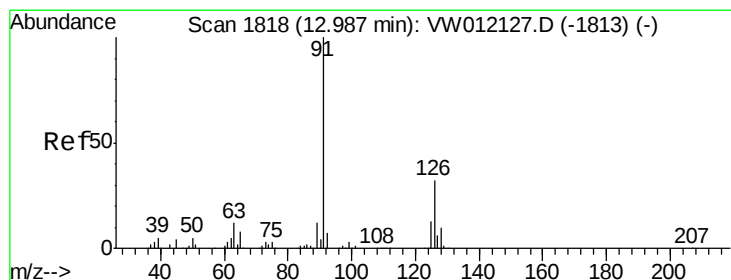
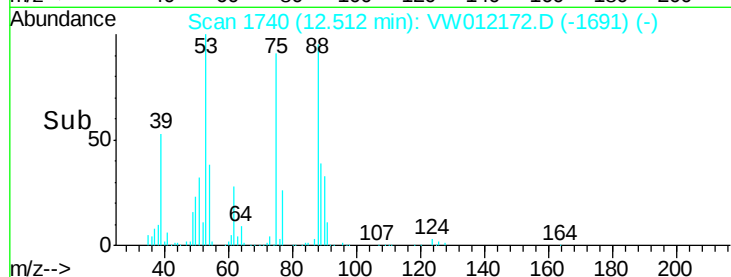
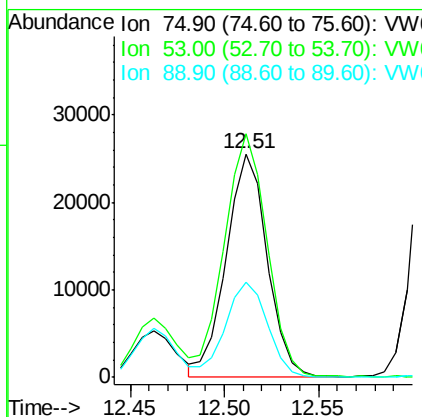
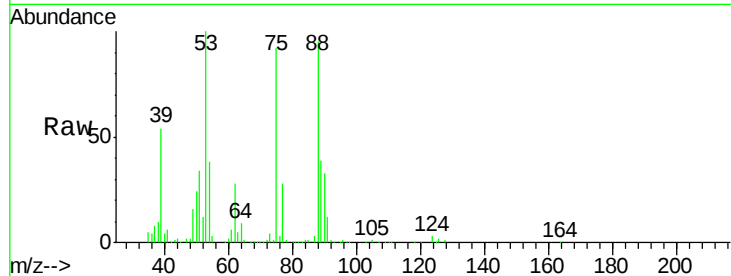
#81
trans-1,4-Dichloro-2-butene
Concen: 56.498 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.6	89.4	134.0
89	43.0	34.5	51.7

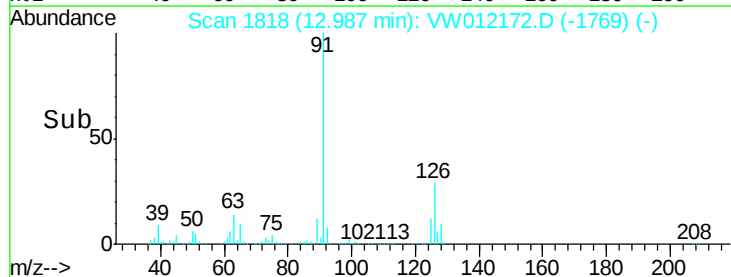
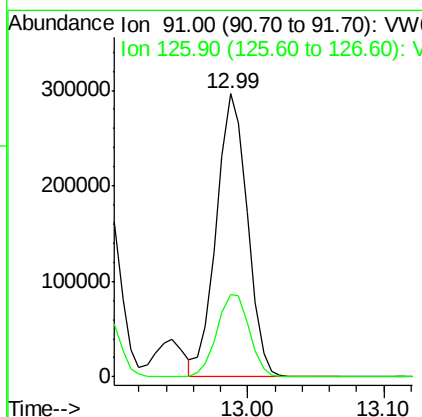
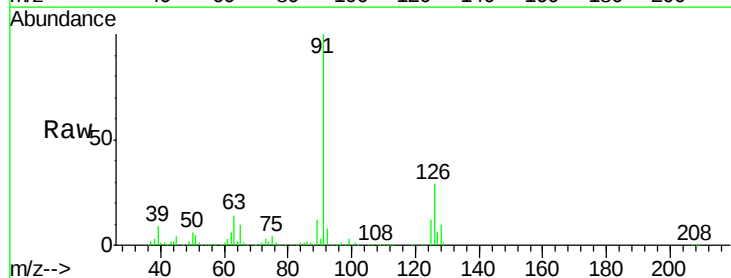
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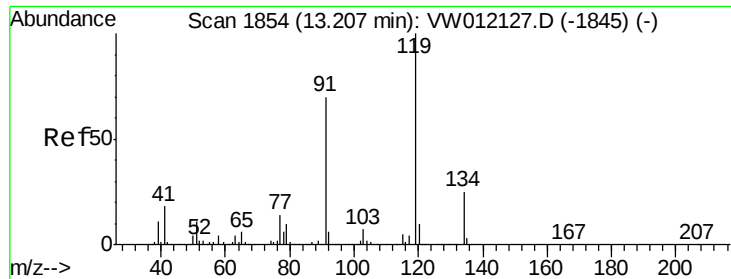
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#82
4-Chlorotoluene
Concen: 55.874 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





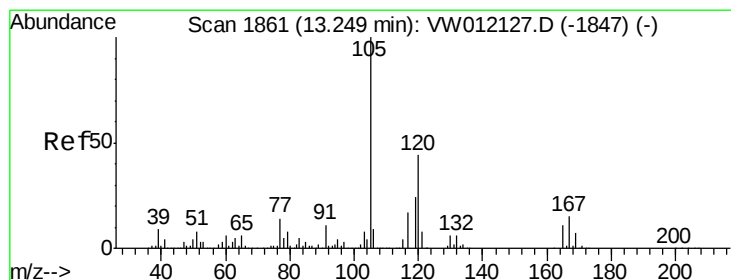
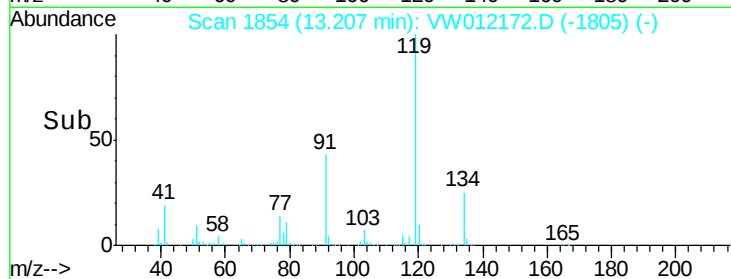
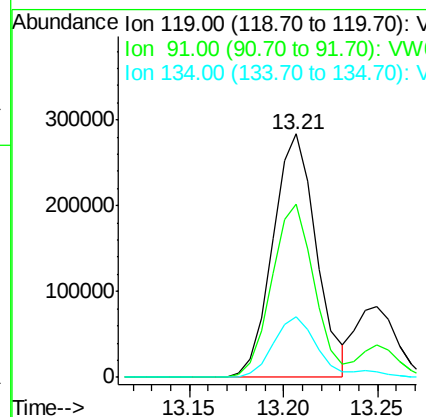
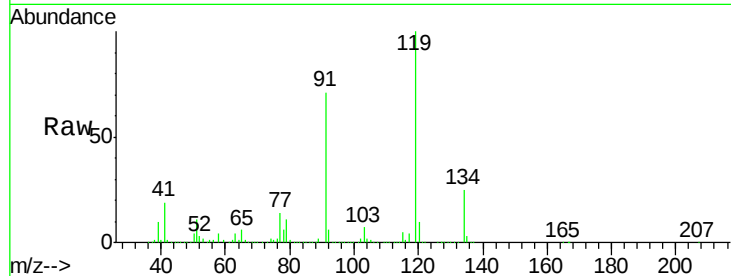
#83
 tert-Butylbenzene
 Concen: 55.597 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.8	104.3
134	24.8	13.3	39.8

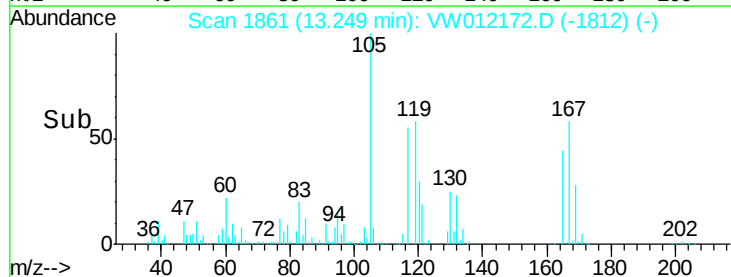
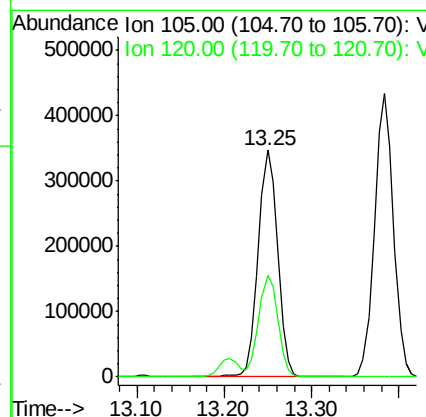
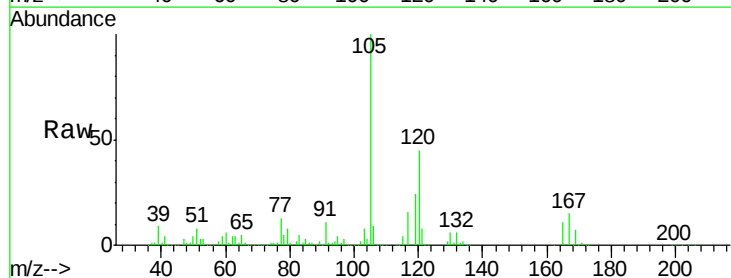
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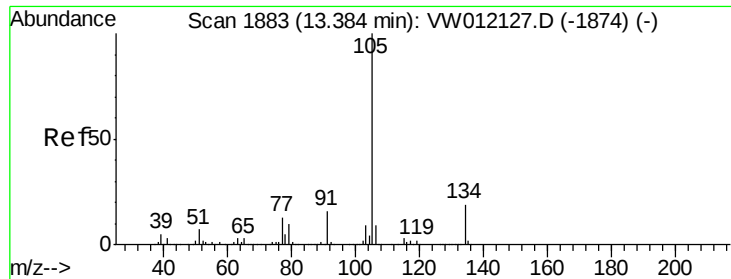
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.333 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.9	65.7





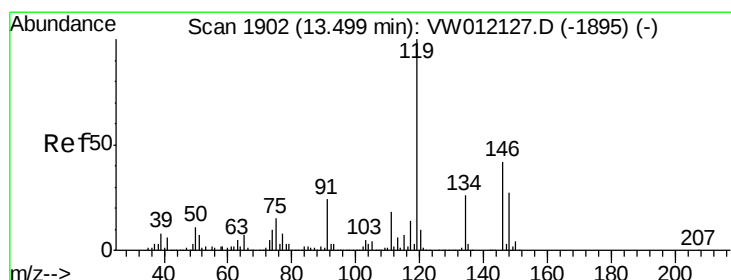
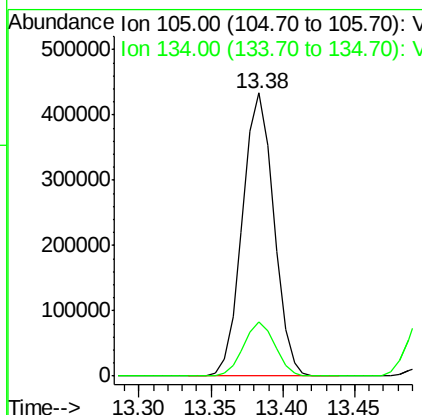
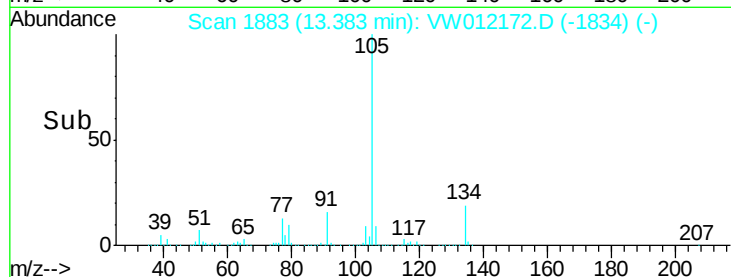
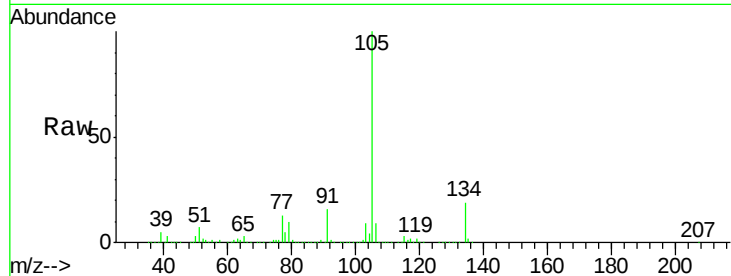
#85
 sec-Butylbenzene
 Concen: 56.028 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.4

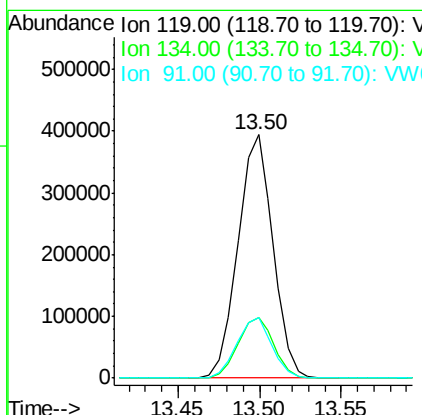
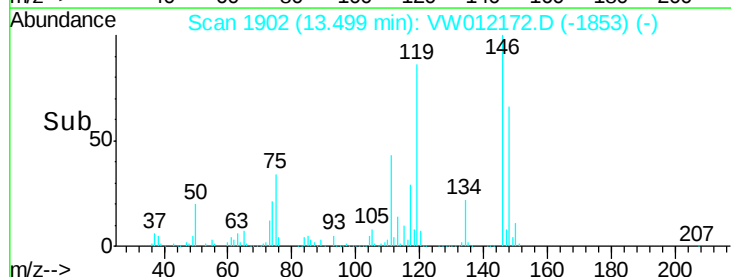
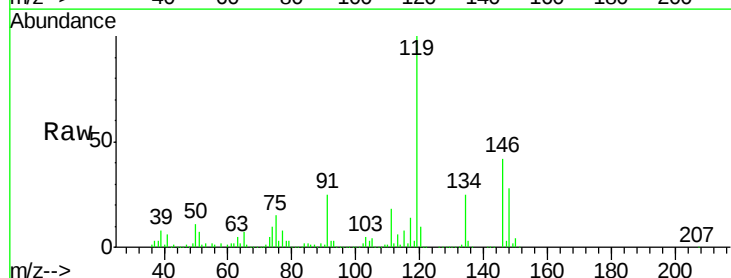
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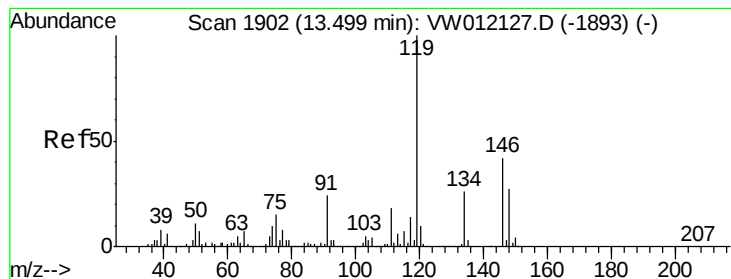
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#86
 p-Isopropyltoluene
 Concen: 56.251 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.3
91	24.8	12.3	36.9





#87

1,3-Dichlorobenzene

Concen: 55.003 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Instrument :

MSVOA_W

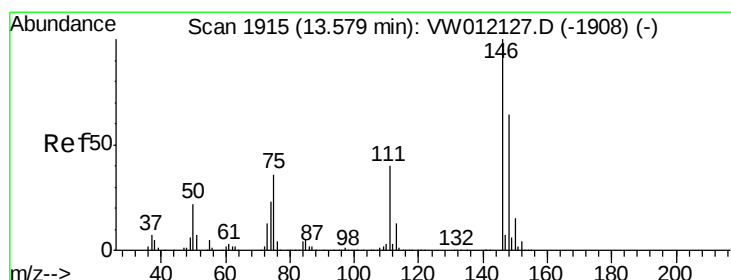
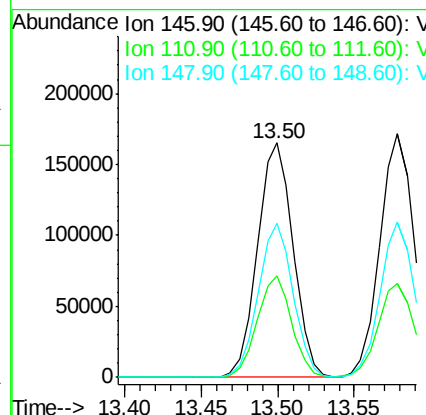
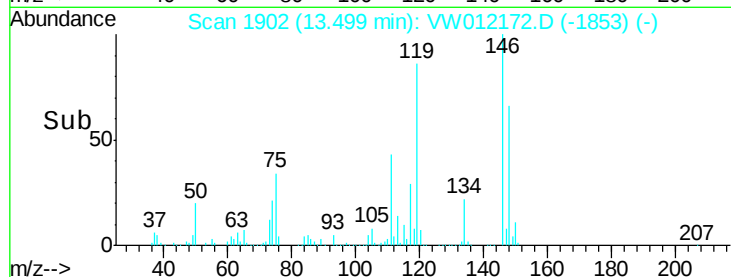
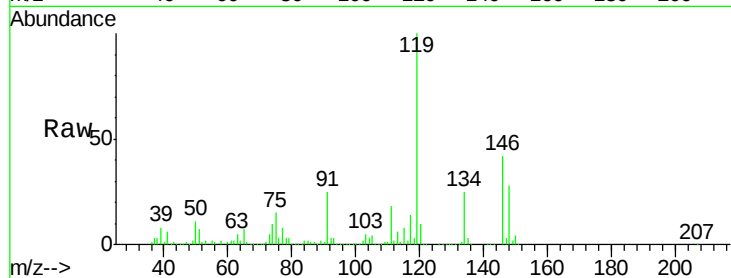
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	268263		
111	41.7	20.9	62.7	
148	64.2	32.2	96.6	

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#88

1,4-Dichlorobenzene

Concen: 55.288 ug/l

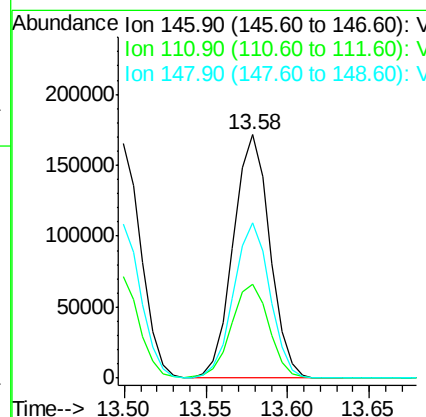
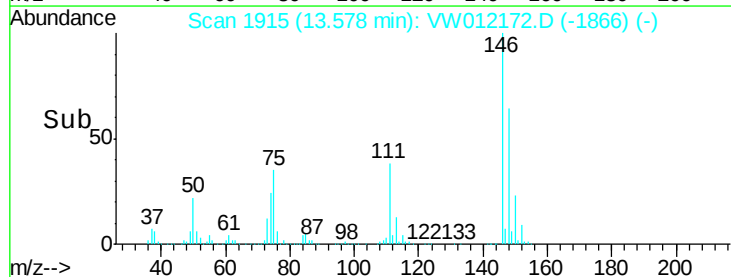
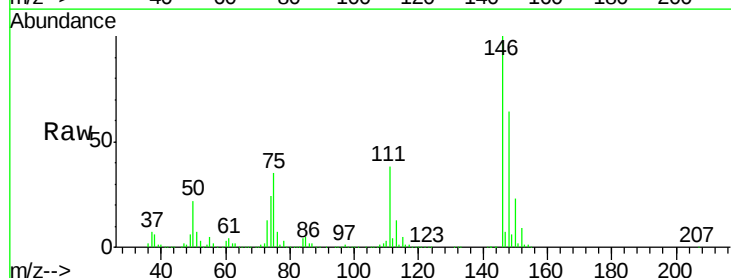
RT: 13.58 min Scan# 1915

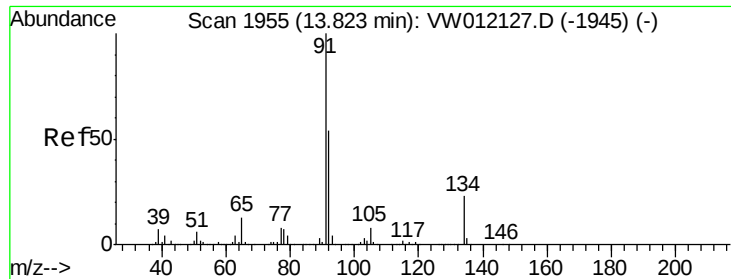
Delta R.T. -0.00 min

Lab File: VW012172.D

Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267746		
111	39.8	20.0	60.0	
148	63.6	32.1	96.3	





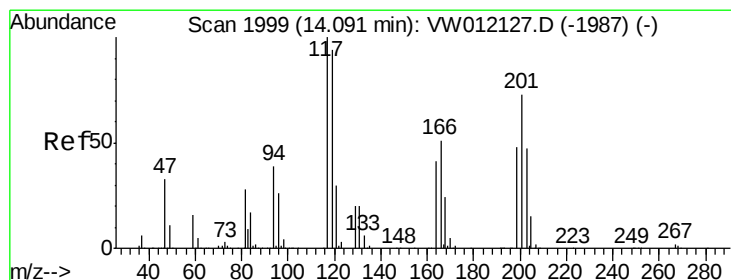
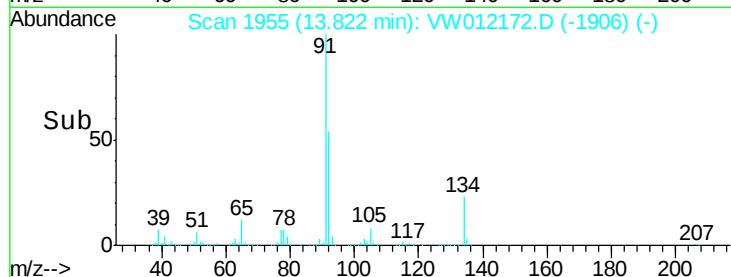
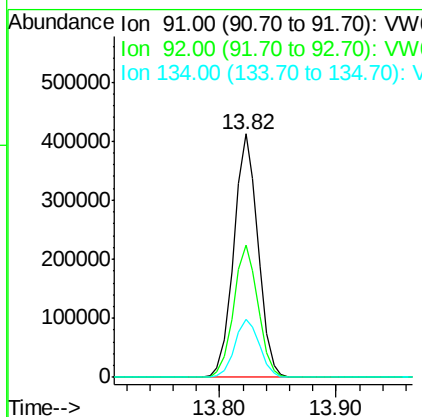
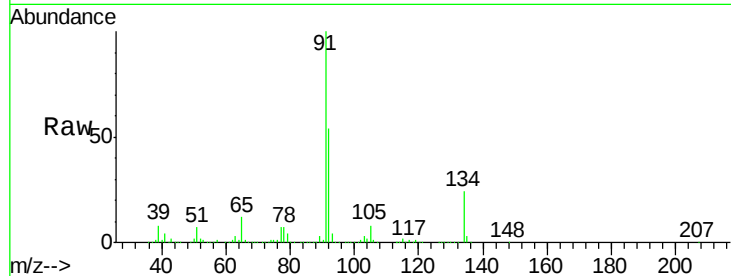
#89
n-Butylbenzene
Concen: 57.323 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.1	81.2
134	24.3	12.2	36.4

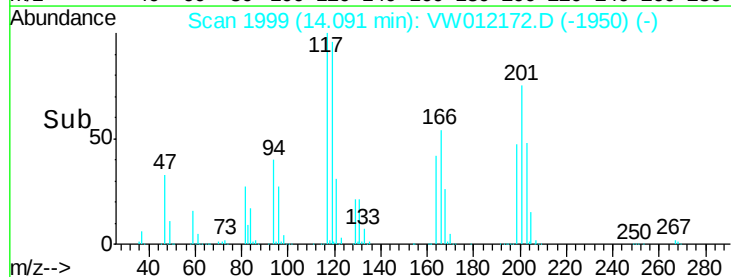
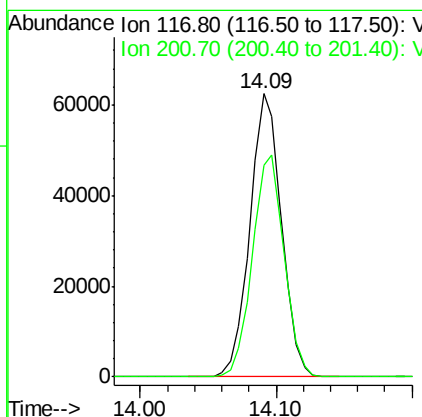
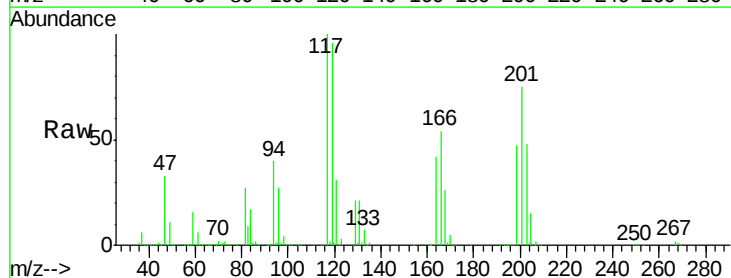
Manual Integrations
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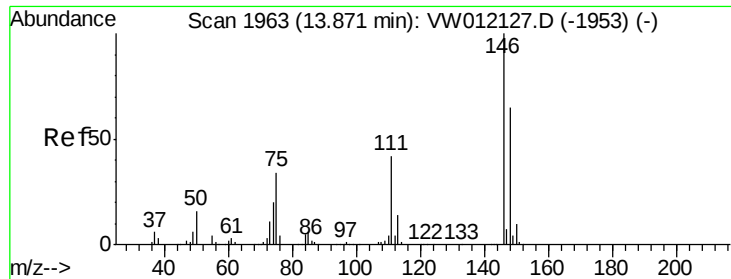
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#90
Hexachloroethane
Concen: 55.523 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	38.6	115.7





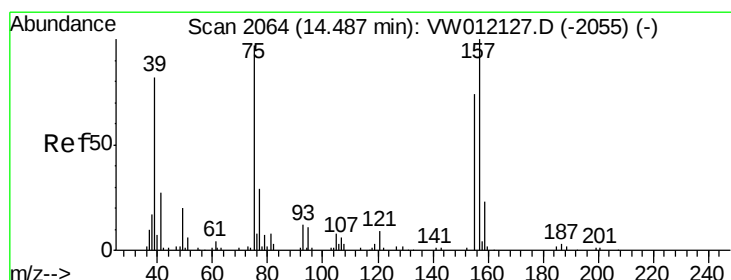
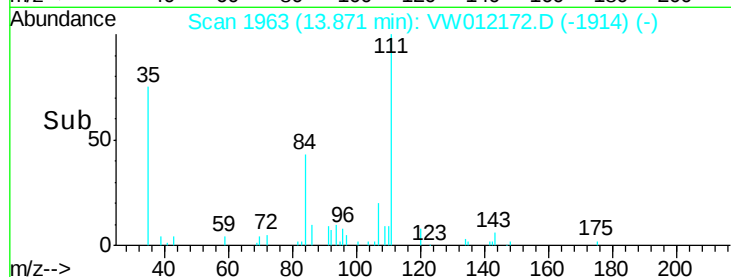
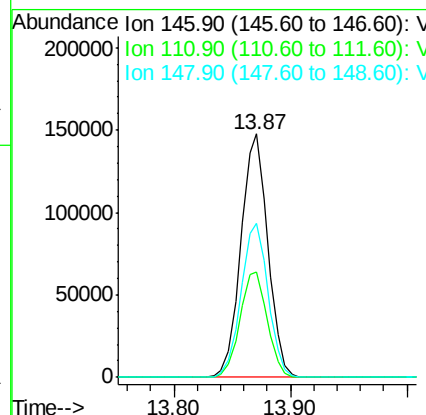
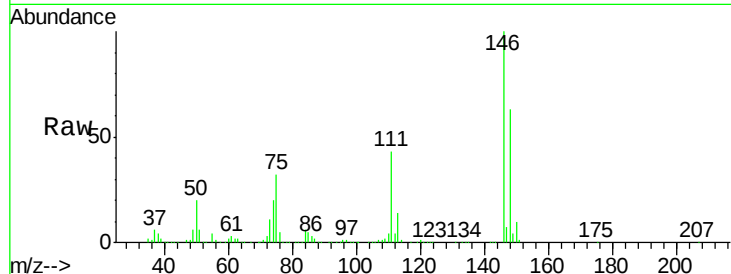
#91
 1,2-Dichlorobenzene
 Concen: 55.653 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	238118		
111	44.0	21.2	63.6	
148	63.7	32.5	97.4	

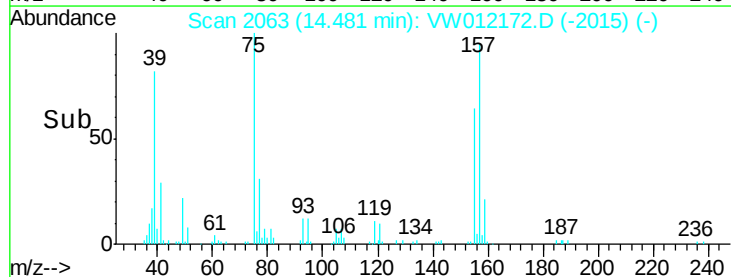
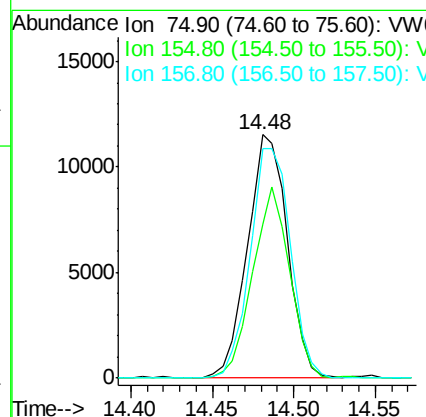
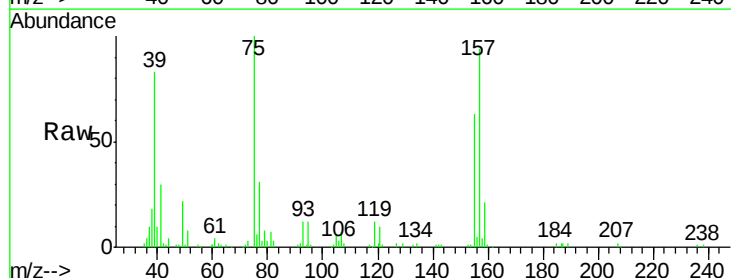
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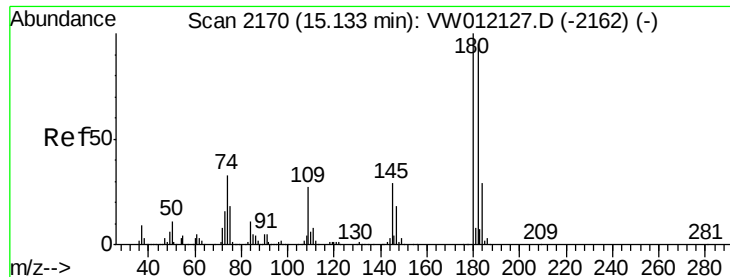
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.102 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19629		
155	72.8	37.5	112.3	
157	95.9	50.5	151.5	





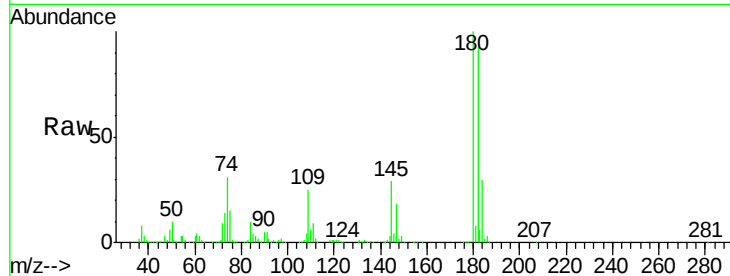
#93
 1,2,4-Trichlorobenzene
 Concen: 58.355 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

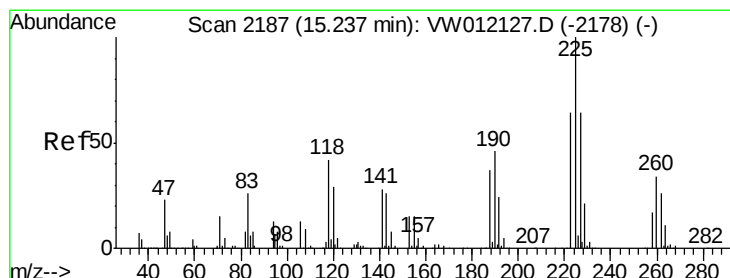
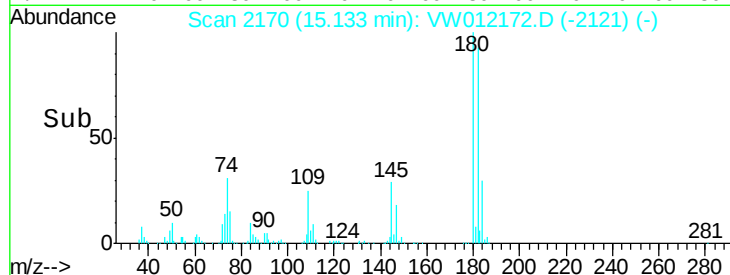
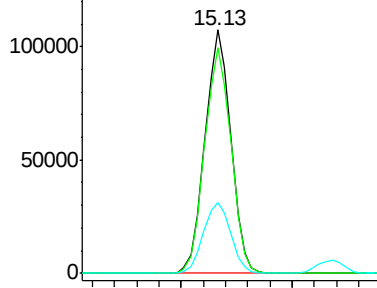
Tot Ion	Ratio	Resp	Lower	Upper
180	100	172543		
182	94.4	47.8	143.4	
145	30.6	15.0	45.1	

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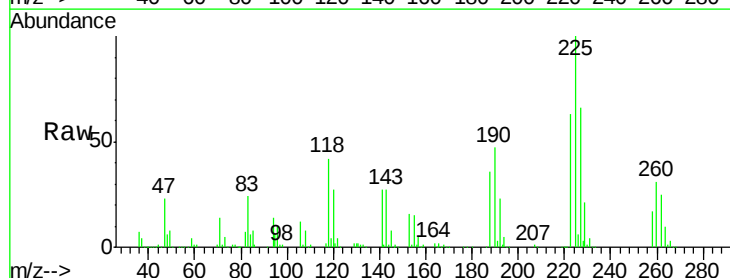


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

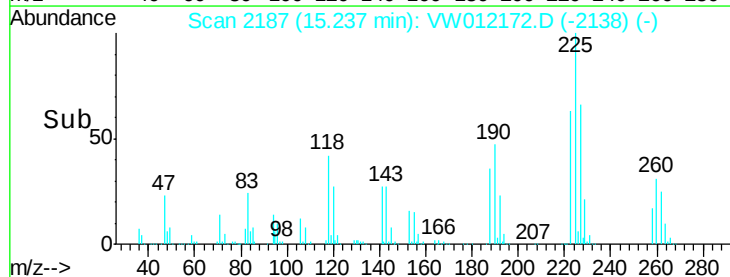
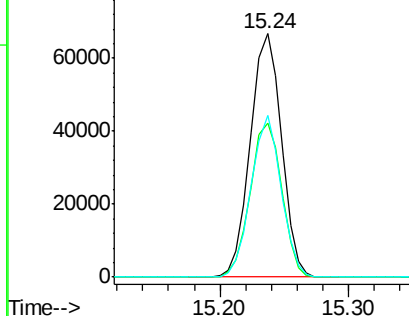


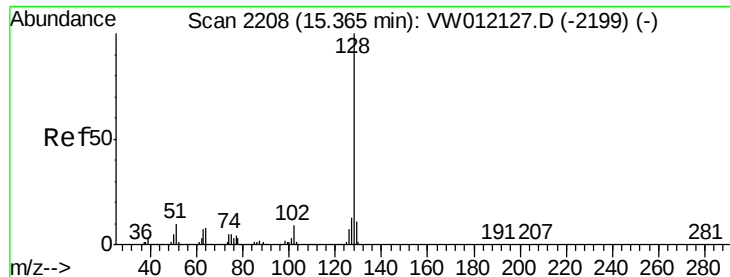
#94
 Hexachlorobutadiene
 Concen: 57.228 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012172.D
 Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111731		
223	63.7	32.3	96.8	
227	63.9	32.9	98.6	



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





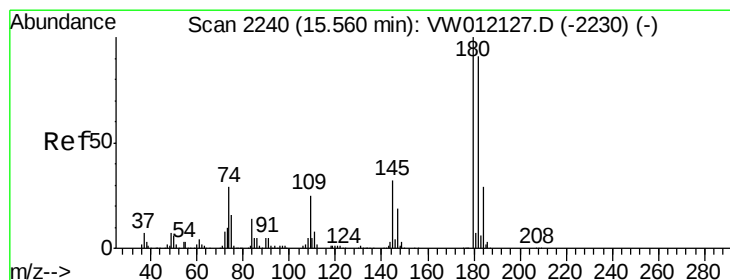
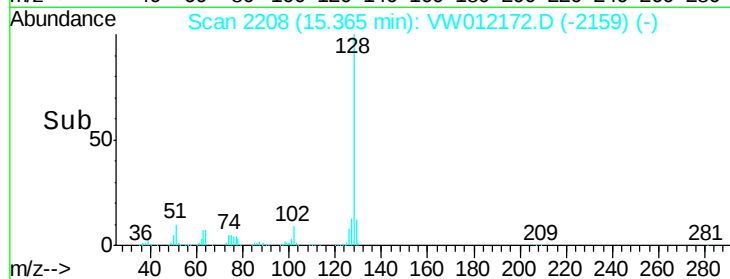
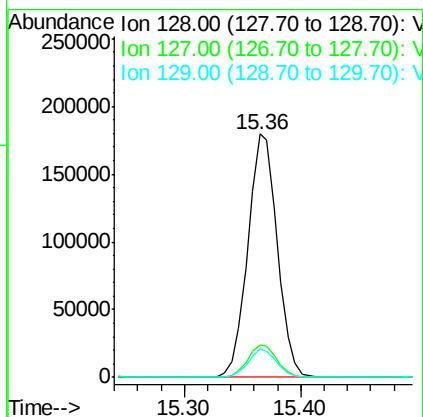
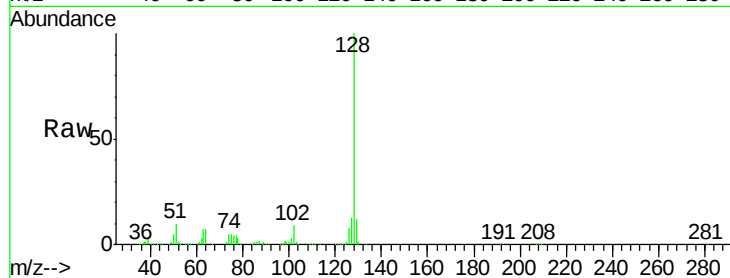
#95
Naphthalene
Concen: 54.112 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.0	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 58.331 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012172.D
Acq: 26 Aug 2019 15:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.1	141.3
145	32.0	16.2	48.5

