

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012342.D
 Acq On : 30 Aug 2019 09:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 9:11:05 AM

Quant Time: Aug 30 16:34:04 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	222716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139886	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	132614	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.88	113	111414	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
50) Toluene-d8	10.32	98	451186	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.62	95	155227	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	81575	59.485	ug/l	99
3) Chloromethane	2.21	50	117501	55.305	ug/l	99
4) Vinyl Chloride	2.36	62	150546	57.893	ug/l	100
5) Bromomethane	2.78	94	75467	57.303	ug/l	97
6) Chloroethane	2.92	64	85377	58.200	ug/l	99
7) Trichlorofluoromethane	3.26	101	86603	66.324	ug/l	96
8) Diethyl Ether	3.68	74	64878	52.346	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	126027	56.781	ug/l	98
10) Methyl Iodide	4.28	142	172329	57.384	ug/l	100
11) Tert butyl alcohol	5.17	59	36823	231.114	ug/l	100
12) 1,1-Dichloroethene	4.04	96	127399	57.029	ug/l	97
13) Acrolein	3.89	56	27962	186.440	ug/l	97
14) Allyl chloride	4.67	41	275941	57.778	ug/l	100
15) Acrylonitrile	5.37	53	158025	257.233	ug/l	100
16) Acetone	4.12	43	176280	260.473	ug/l	98
17) Carbon Disulfide	4.38	76	379400	56.196	ug/l	100
18) Methyl Acetate	4.67	43	82594	49.273	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	199115	55.116	ug/l	99
20) Methylene Chloride	4.92	84	132908	51.948	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	133772	55.841	ug/l	99
22) Diisopropyl ether	6.31	45	490096	55.363	ug/l	99
23) Vinyl Acetate	6.25	43	1484785	272.540	ug/l	99
24) 1,1-Dichloroethane	6.21	63	271269	56.280	ug/l	98
25) 2-Butanone	7.17	43	228047	247.971	ug/l	99
26) 2,2-Dichloropropane	7.17	77	159848	58.591	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143269	55.976	ug/l	99
28) Bromochloromethane	7.51	49	101938	48.523	ug/l	98
29) Tetrahydrofuran	7.52	42	141128	255.782	ug/l	99
30) Chloroform	7.67	83	242843	55.069	ug/l	98
31) Cyclohexane	7.95	56	252020	52.848	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	200377	57.439	ug/l	100
36) 1,1-Dichloropropene	8.08	75	206786	57.099	ug/l	99
37) Ethyl Acetate	7.25	43	100408	50.595	ug/l	99
38) Carbon Tetrachloride	8.07	117	180591	57.613	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	232826	57.226	ug/l	99
40) Benzene	8.32	78	556937	56.319	ug/l	100
41) Methacrylonitrile	7.48	41	61753	52.943	ug/l	98
42) 1,2-Dichloroethane	8.40	62	168346	54.318	ug/l	100
43) Isopropyl Acetate	8.42	43	190515	51.826	ug/l	99
44) Trichloroethene	9.09	130	135706	56.451	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146634	55.096	ug/l	100
46) Dibromomethane	9.46	93	63189	53.363	ug/l	99
47) Bromodichloromethane	9.64	83	173487	55.049	ug/l	97
48) Methyl methacrylate	9.43	41	91831	52.487	ug/l	99
49) 1,4-Dioxane	9.46	88	16874	930.835	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	483545	258.616	ug/l	100
52) Toluene	10.38	92	338372	56.958	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	177133	55.178	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	216496	55.854	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89106	53.185	ug/l	99
56) Ethyl methacrylate	10.65	69	131308	53.850	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171789	54.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	345641	276.195	ug/l	100
59) 2-Hexanone	10.97	43	342711	259.048	ug/l	100
60) Dibromochloromethane	11.13	129	103815	55.632	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83383	53.422	ug/l	99
64) Tetrachloroethene	10.86	164	111170	58.236	ug/l	99
65) Chlorobenzene	11.66	112	331766	57.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116082	57.391	ug/l	98
67) Ethyl Benzene	11.73	91	657799	58.897	ug/l	98
68) m/p-Xylenes	11.84	106	474217	117.875	ug/l	99
69) o-Xylene	12.16	106	217439	58.397	ug/l	100
70) Styrene	12.18	104	374358	58.085	ug/l	99
71) Bromoform	12.35	173	55525	55.099	ug/l	98
73) Isopropylbenzene	12.46	105	622505	59.389	ug/l	99
74) N-amyl acetate	12.27	43	171569	54.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	102538	53.360	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	71293m	52.329	ug/l	
77) Bromobenzene	12.74	156	130165	57.401	ug/l	97
78) n-propylbenzene	12.80	91	757949	59.232	ug/l	99
79) 2-Chlorotoluene	12.89	91	423002	58.225	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	519246	59.284	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34489	55.504	ug/l	99
82) 4-Chlorotoluene	12.99	91	443520	58.305	ug/l	99
83) tert-Butylbenzene	13.21	119	443081	59.720	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	512958	58.302	ug/l	99
85) sec-Butylbenzene	13.38	105	634292	59.673	ug/l	100
86) p-Isopropyltoluene	13.50	119	570667	60.116	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254664	57.416	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	249274	56.601	ug/l	100
89) n-Butylbenzene	13.82	91	571504	60.541	ug/l	100
90) Hexachloroethane	14.09	117	97703	58.664	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	220937	56.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17247	53.239	ug/l	97

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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	161912	60.214	ug/l	100
94) Hexachlorobutadiene	15.24	225	109277	61.547	ug/l	98
95) Naphthalene	15.36	128	280849	52.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	139675	59.537	ug/l	99

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

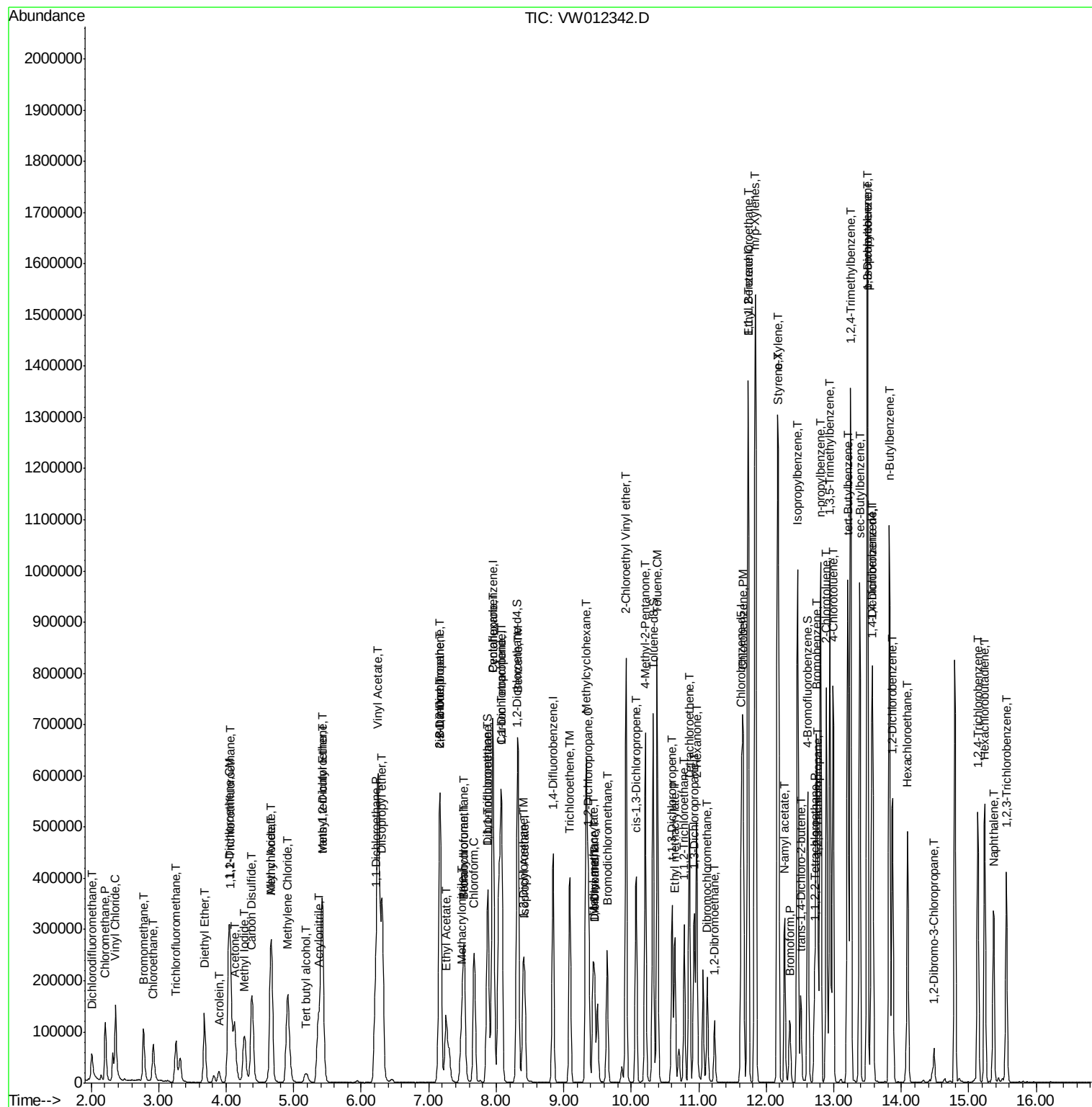
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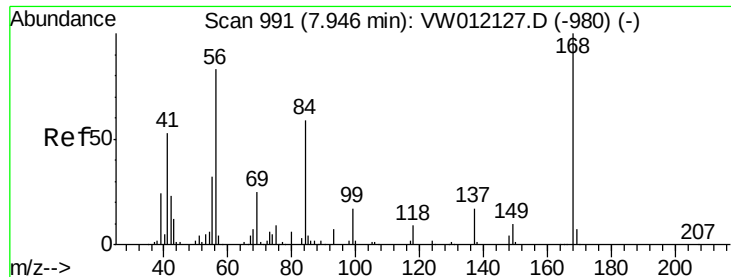
Instrument :
 MSVOA_W
 Client Sampled :
 VSTDCCC050

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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: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 222716

Ion Ratio Lower Upper

168 100

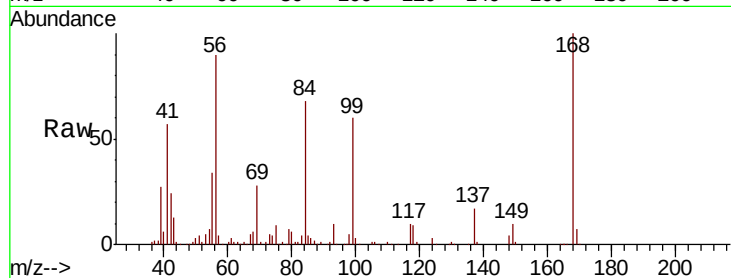
99 60.4 49.2 73.8

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

100000

80000

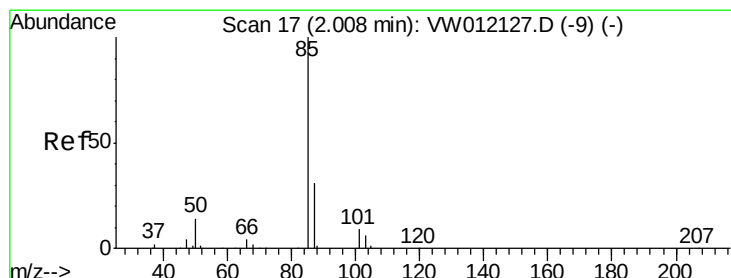
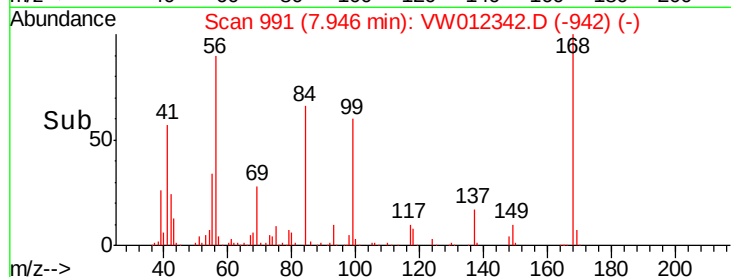
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 59.485 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012342.D

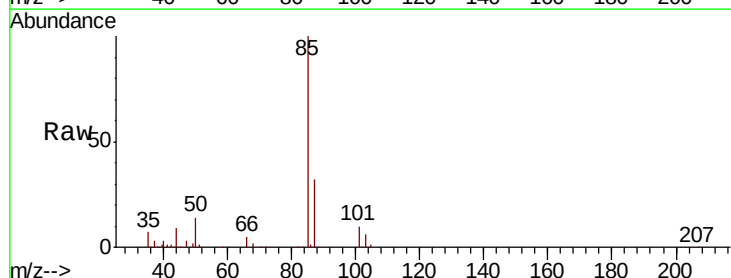
Acq: 30 Aug 2019 09:30

Tgt Ion: 85 Resp: 81575

Ion Ratio Lower Upper

85 100

87 32.0 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

30000

25000

20000

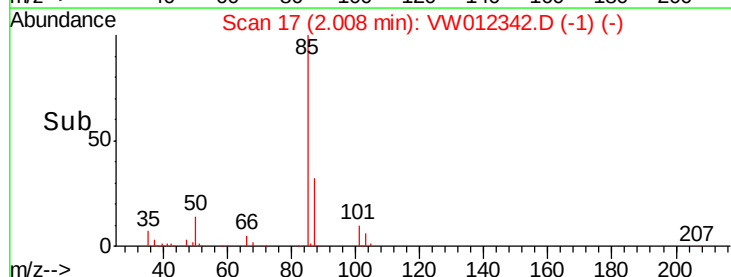
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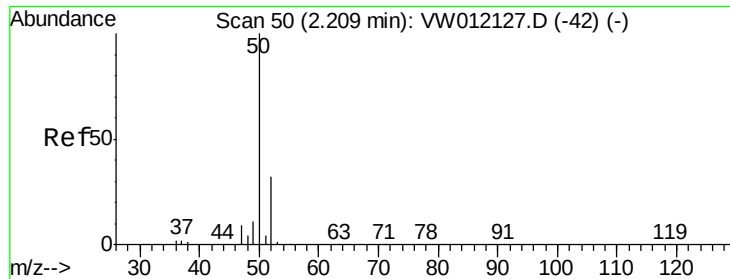
10000

5000

0

Time-->





#3

Chloromethane

Concen: 55.305 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 117501

Ion Ratio Lower Upper

50 100

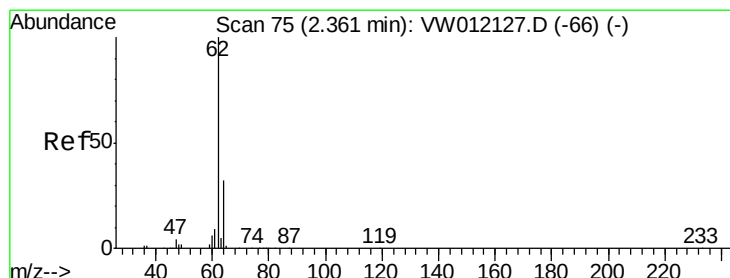
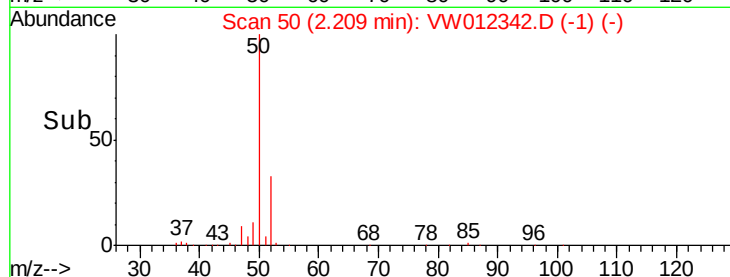
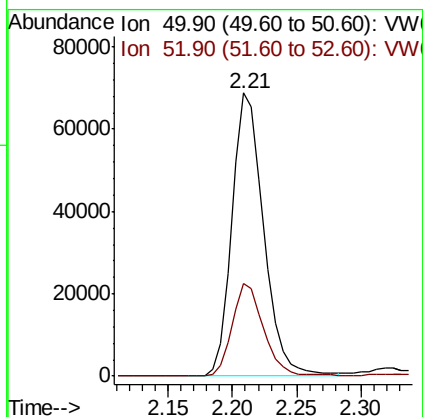
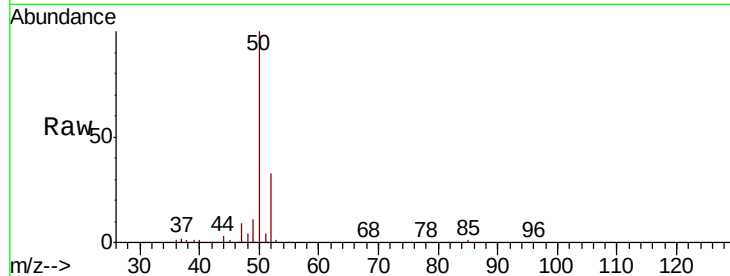
52 32.7 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 57.893 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012342.D

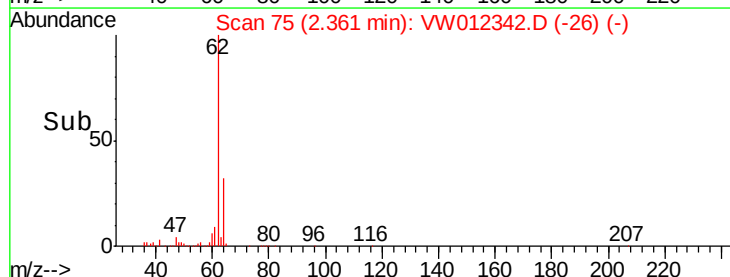
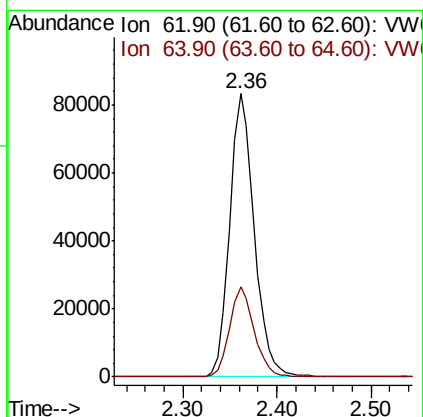
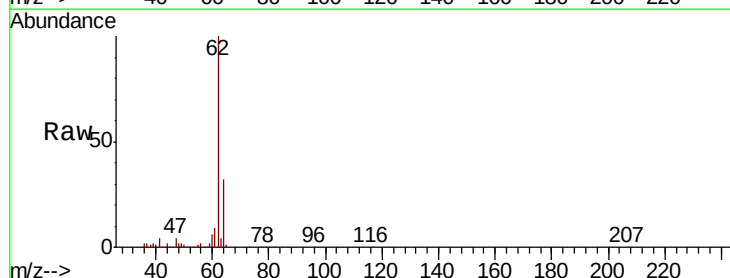
Acq: 30 Aug 2019 09:30

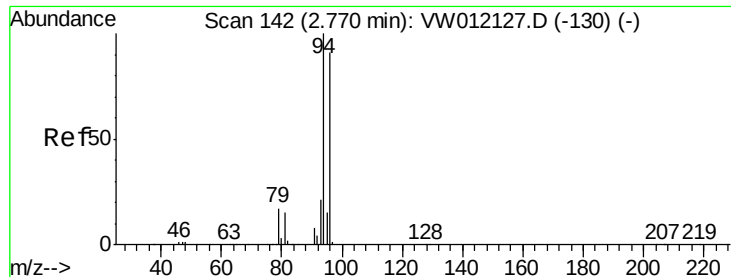
Tgt Ion: 62 Resp: 150546

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 57.303 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

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VSTDCCC050

Tot Ion: 94 Resp: 75467

Ion Ratio Lower Upper

94 100

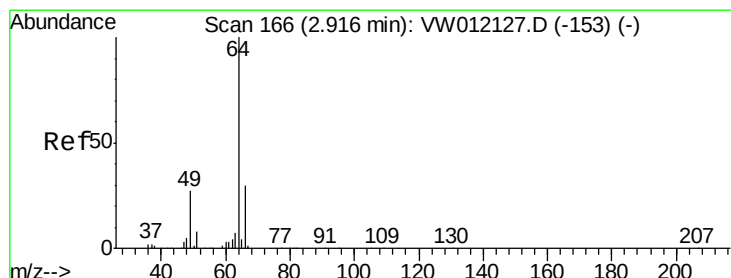
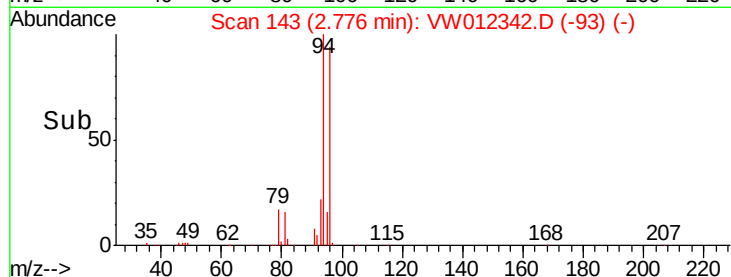
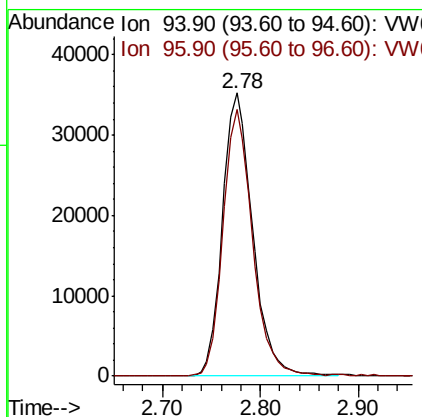
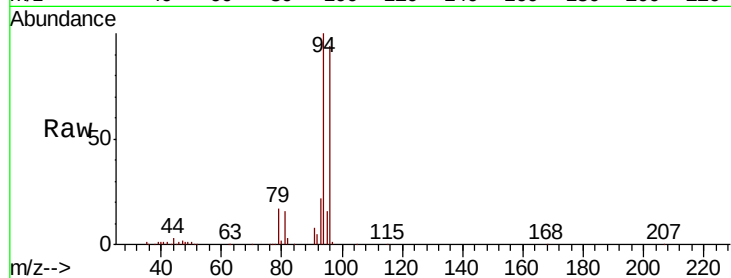
96 94.0 72.9 109.3

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#6

Chloroethane

Concen: 58.200 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012342.D

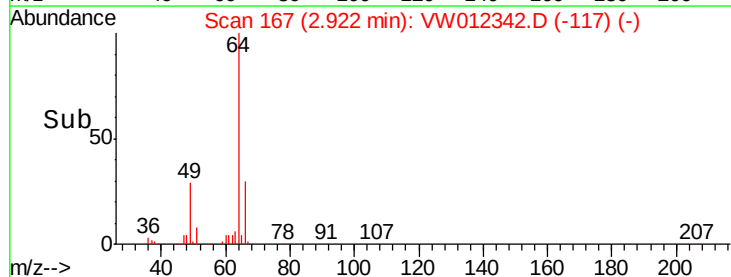
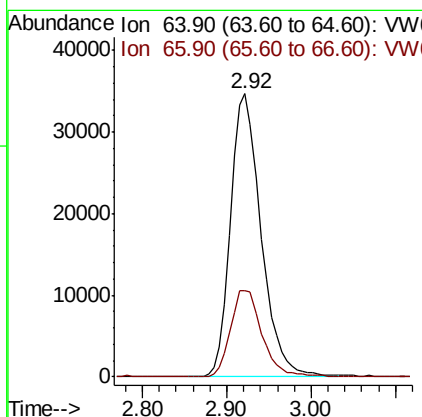
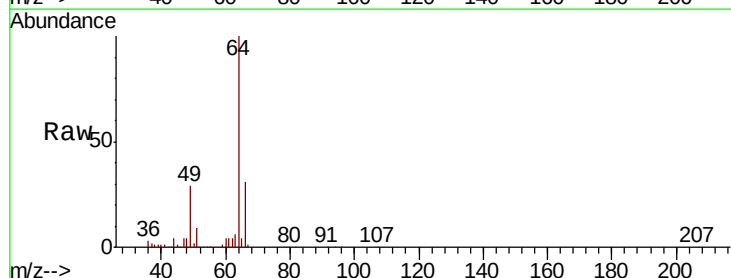
Acq: 30 Aug 2019 09:30

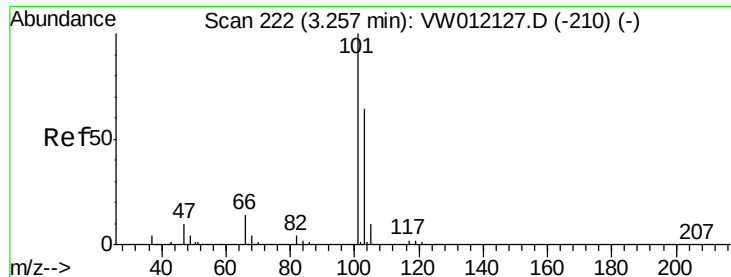
Tgt Ion: 64 Resp: 85377

Ion Ratio Lower Upper

64 100

66 30.6 23.8 35.8





#7

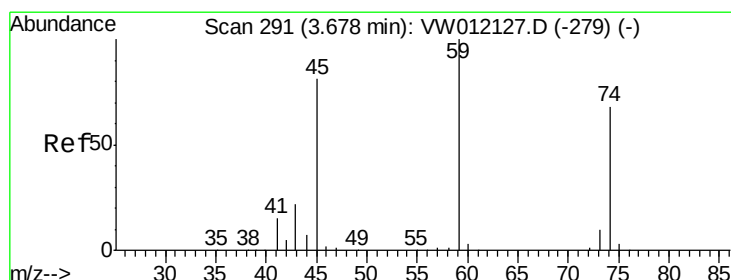
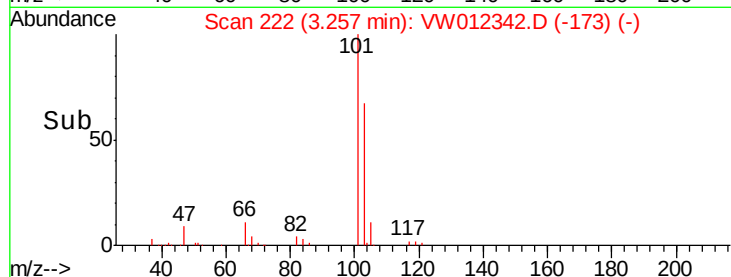
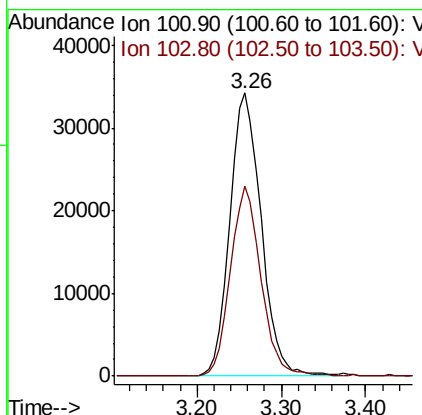
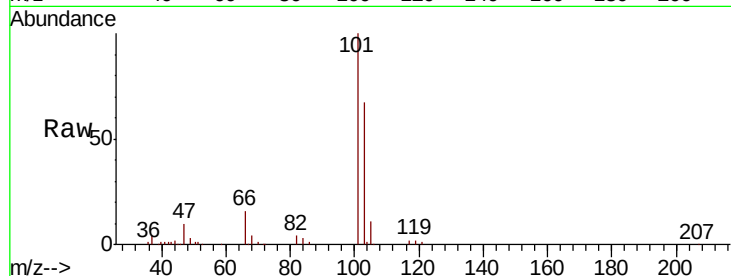
Trichlorofluoromethane
Concen: 66.324 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW012342.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.2	76.8

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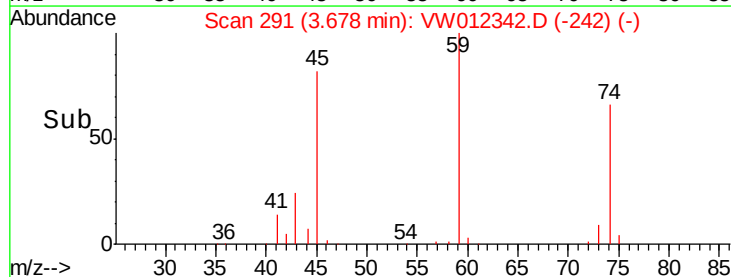
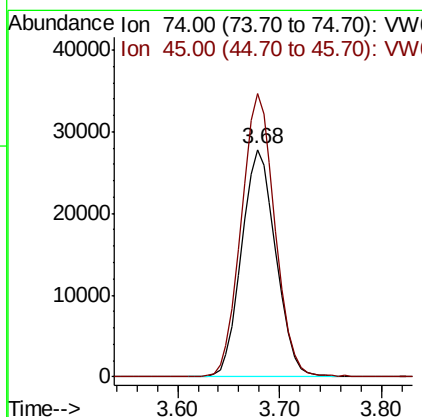
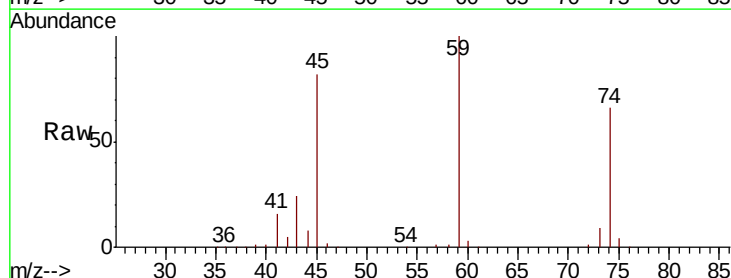
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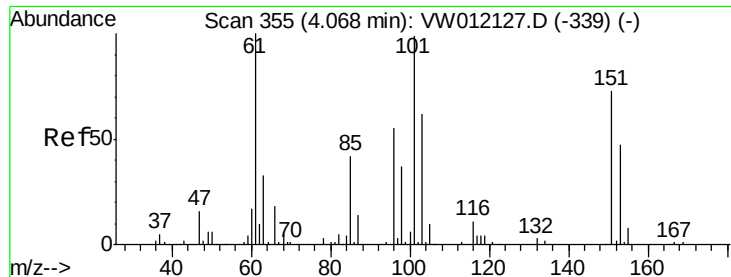


#8

Diethyl Ether
Concen: 52.346 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012342.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.4	59.2	177.6





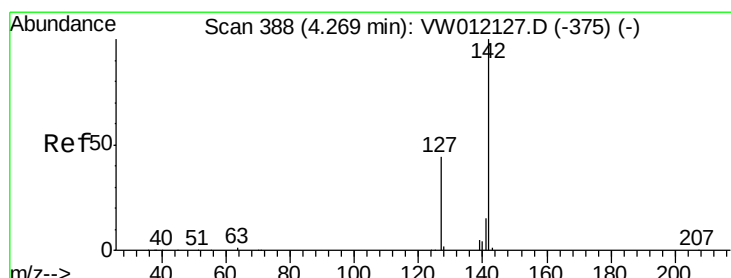
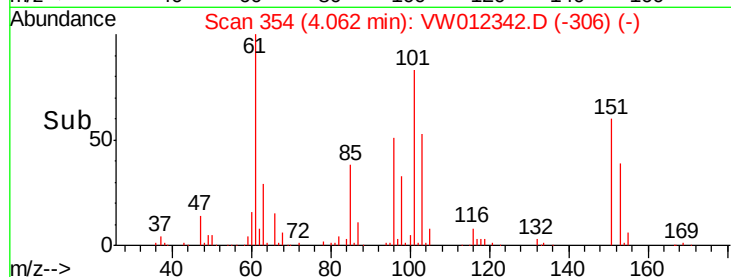
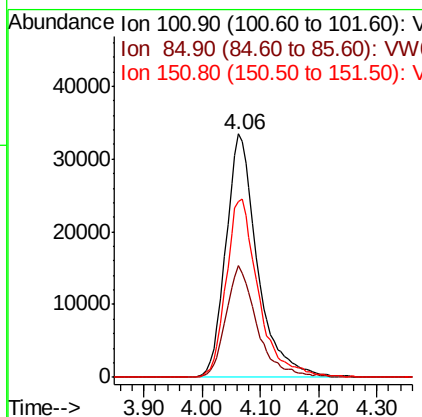
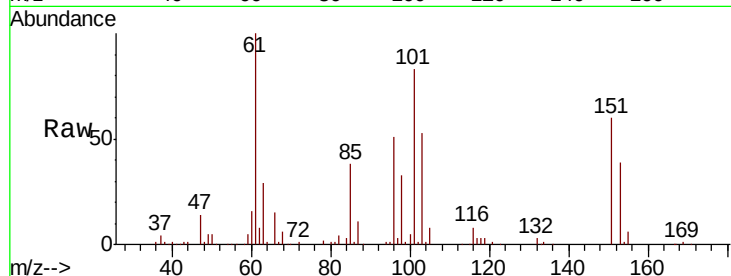
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.781 ug/l
RT: 4.06 min Scan# 354
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	126027		
85	45.2	35.8	53.6	
151	75.0	58.6	87.8	

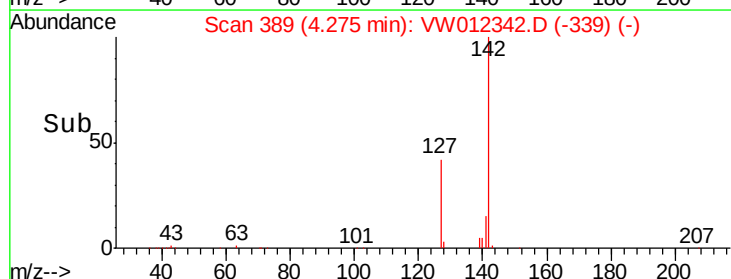
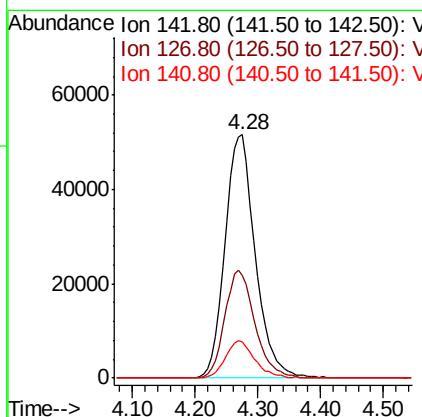
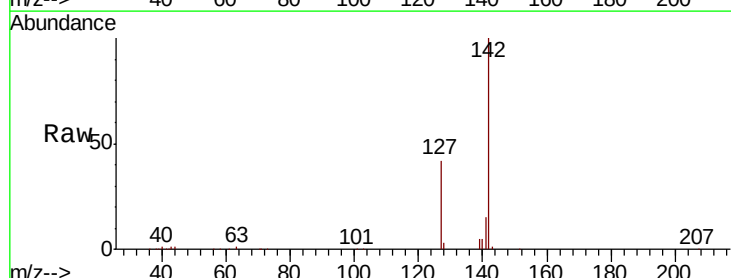
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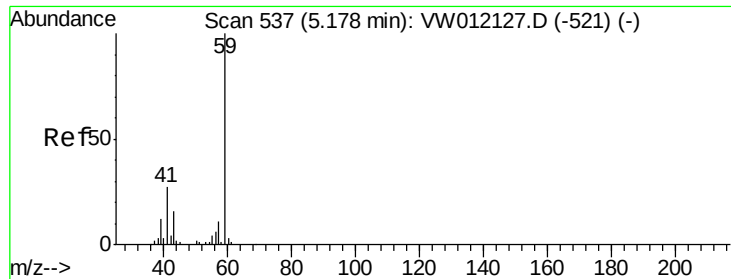
MMDadoda
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#10
Methyl Iodide
Concen: 57.384 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	172329		
127	44.4	35.5	53.3	
141	14.9	11.8	17.8	





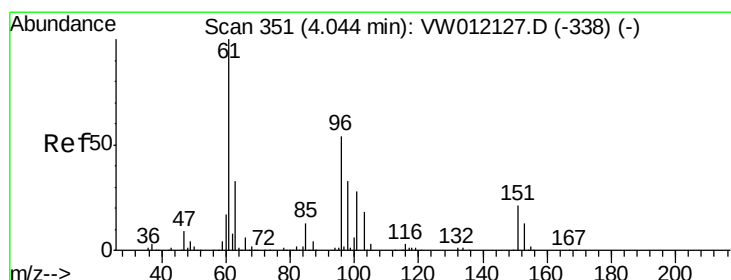
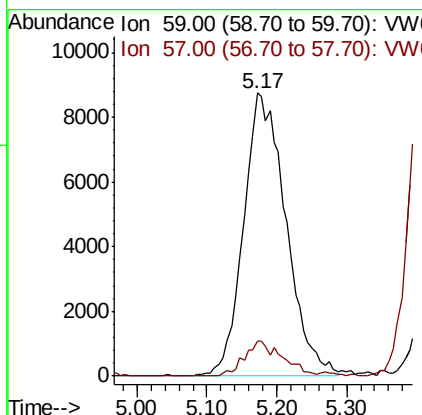
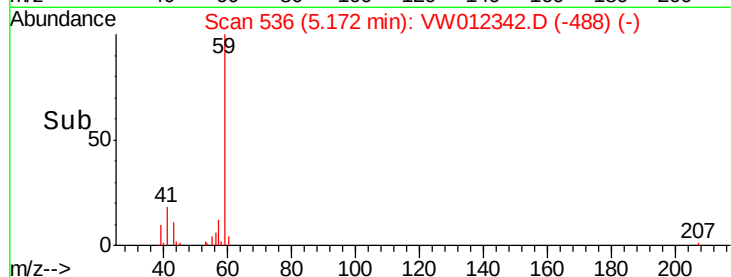
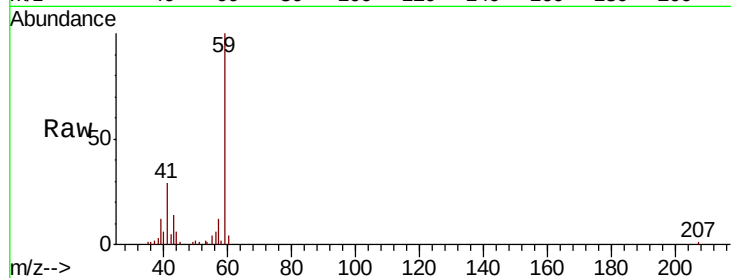
#11
Tert butyl alcohol
Concen: 231.114 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.0	13.4

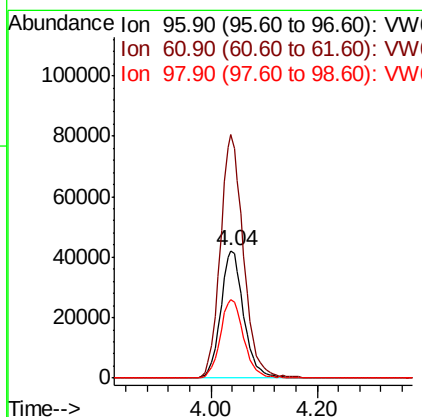
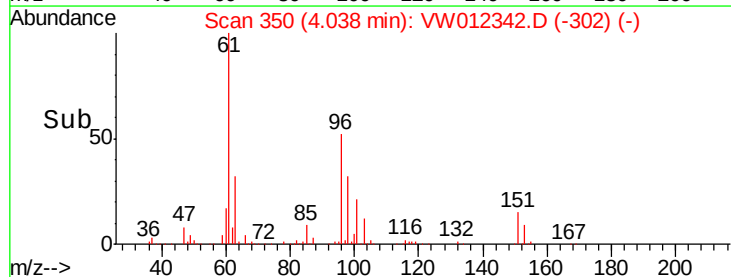
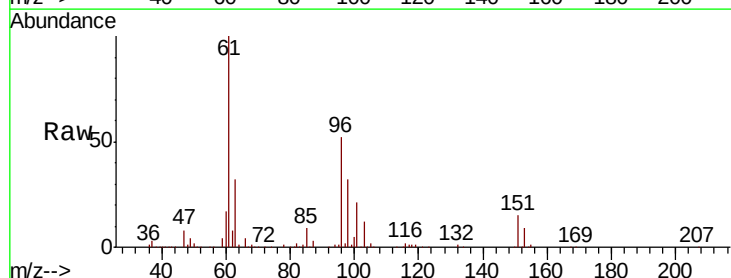
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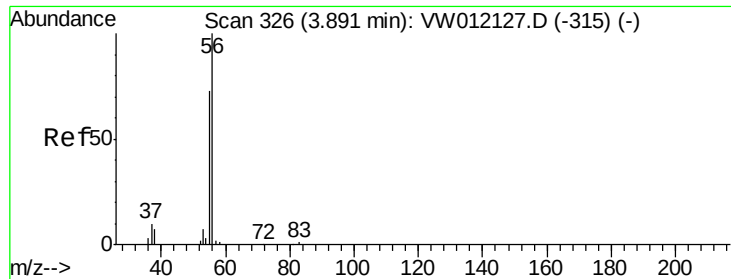
MMDadoda
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#12
1,1-Dichloroethene
Concen: 57.029 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	191.3	149.1	223.7
98	61.8	49.4	74.2





#13

Acrolein

Concen: 186.440 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 27962

Ion Ratio Lower Upper

56 100

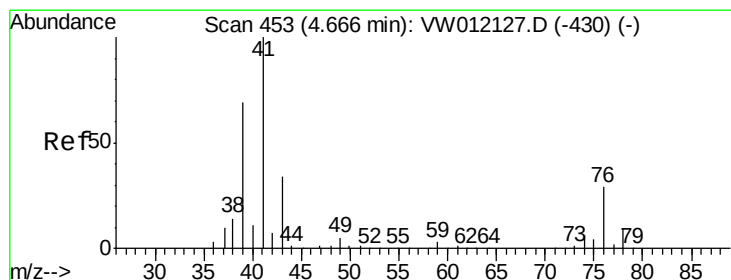
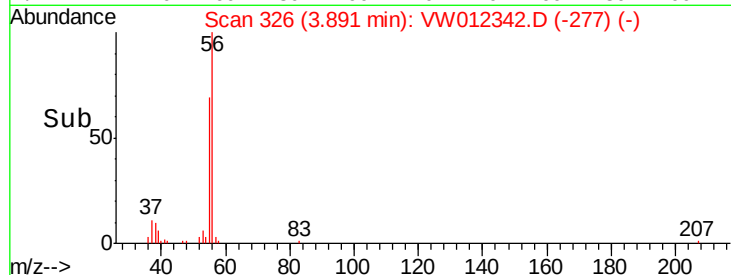
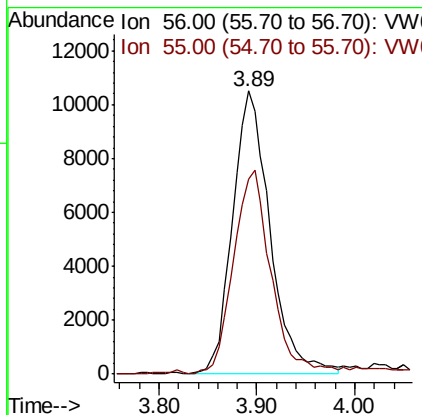
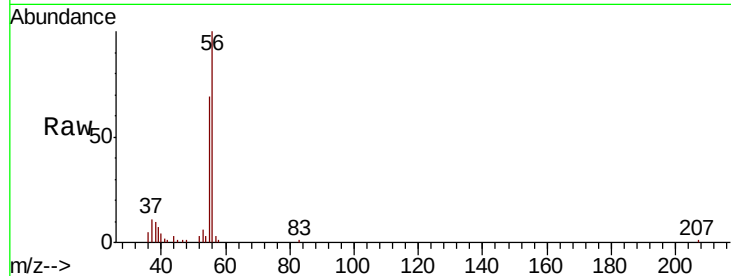
55 72.1 55.8 83.8

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#14

Allyl chloride

Concen: 57.778 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

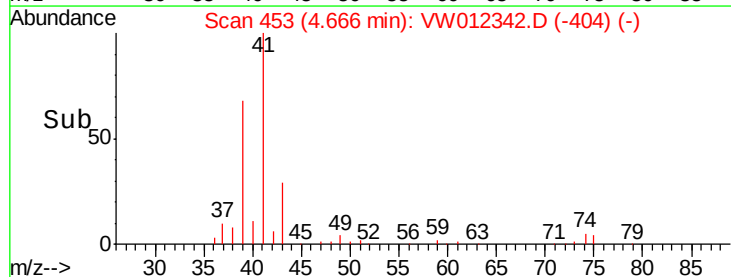
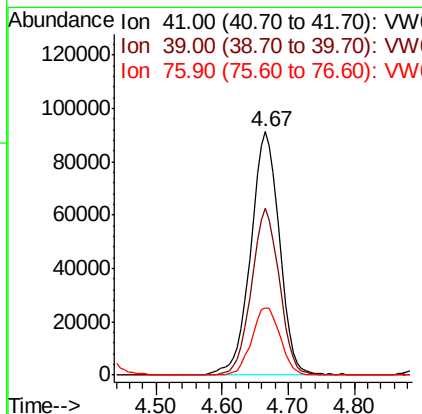
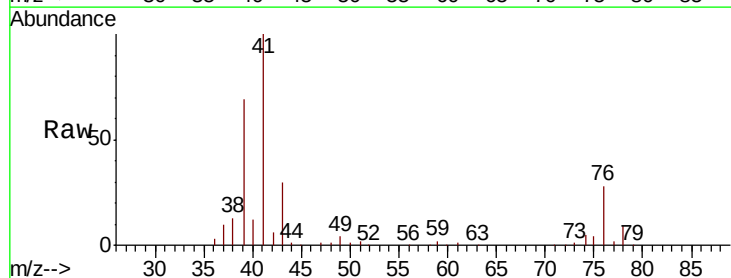
Tgt Ion: 41 Resp: 275941

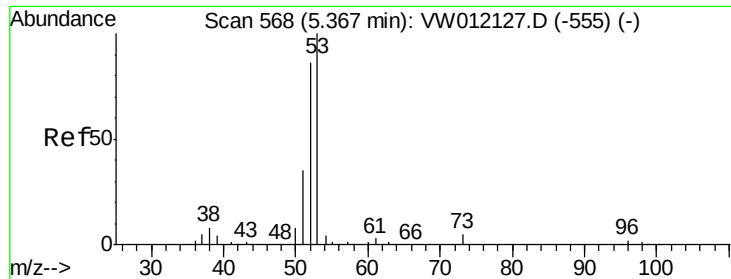
Ion Ratio Lower Upper

41 100

39 66.6 53.4 80.2

76 27.6 22.1 33.1





#15

Acrylonitrile

Concen: 257.233 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

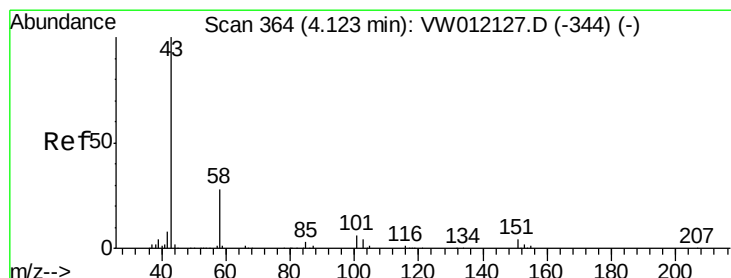
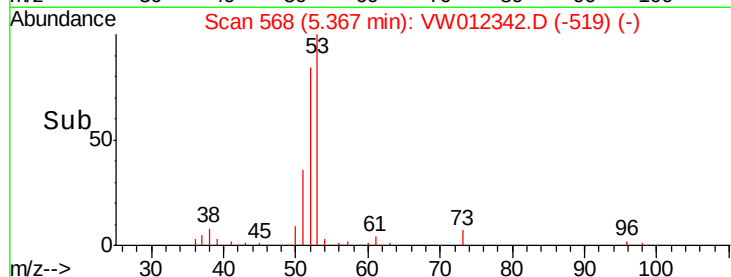
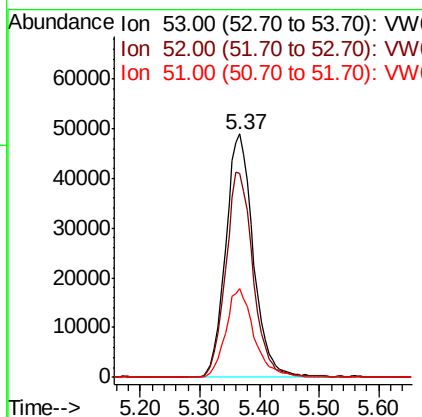
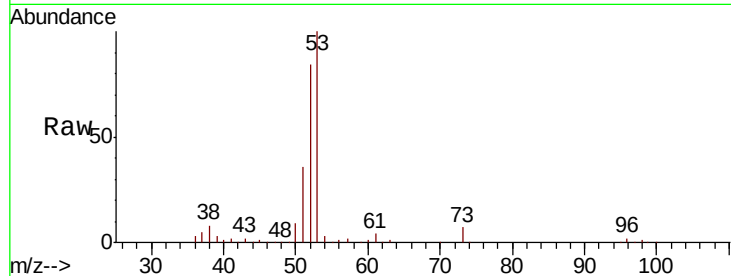
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	158025
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.7	100.1
51	37.0	30.1	45.1

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#16

Acetone

Concen: 260.473 ug/l

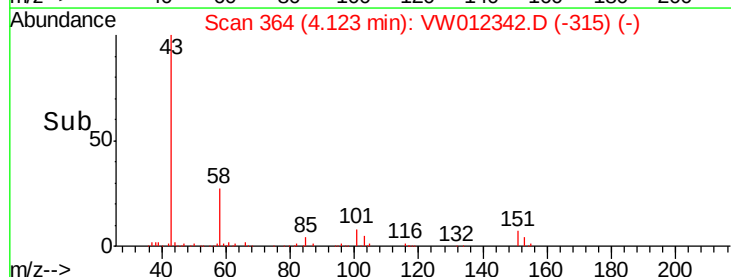
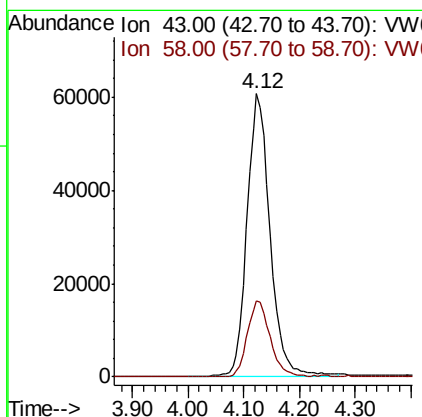
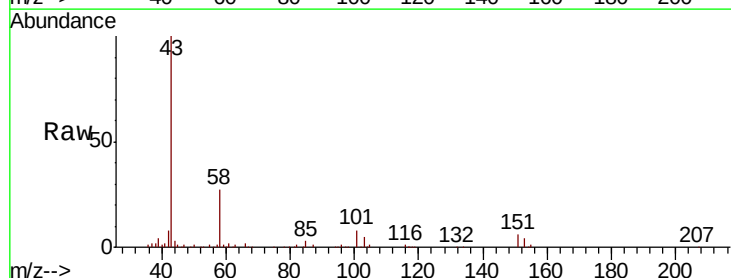
RT: 4.12 min Scan# 364

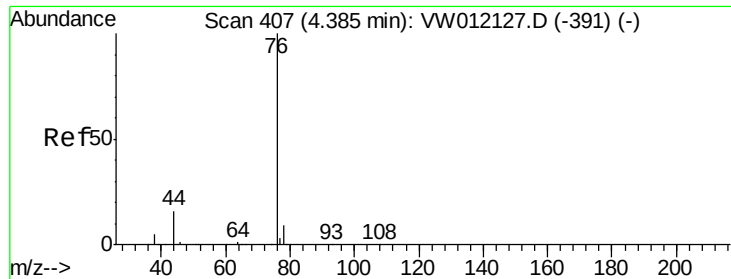
Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion:	43	Resp:	176280
Ion Ratio	Lower	Upper	
43	100		
58	27.0	22.4	33.6





#17

Carbon Disulfide

Concen: 56.196 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 379400

Ion Ratio Lower Upper

76 100

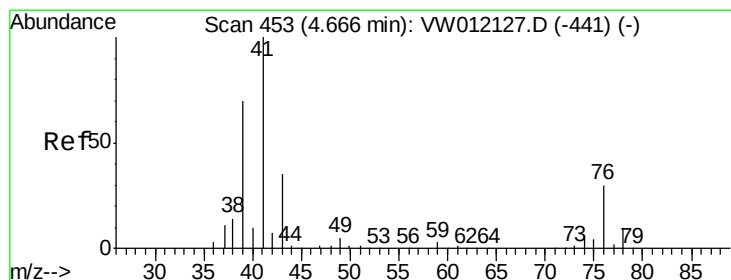
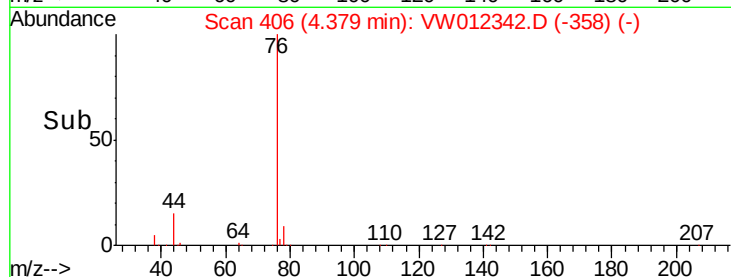
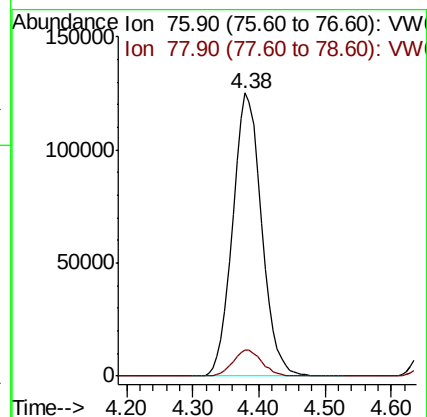
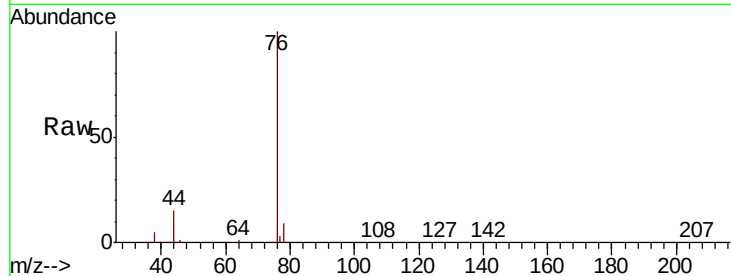
78 9.1 7.3 10.9

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#18

Methyl Acetate

Concen: 49.273 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012342.D

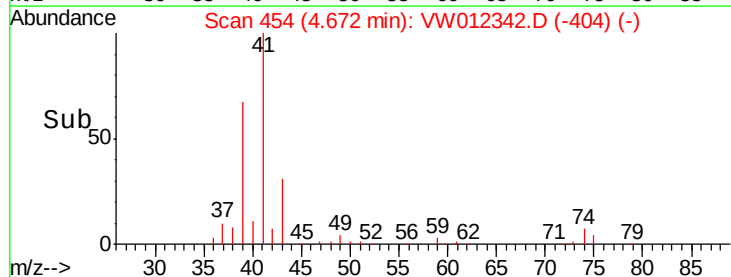
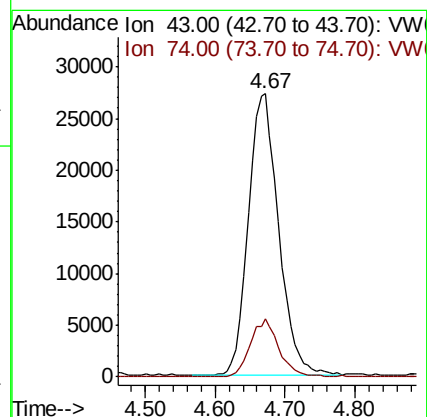
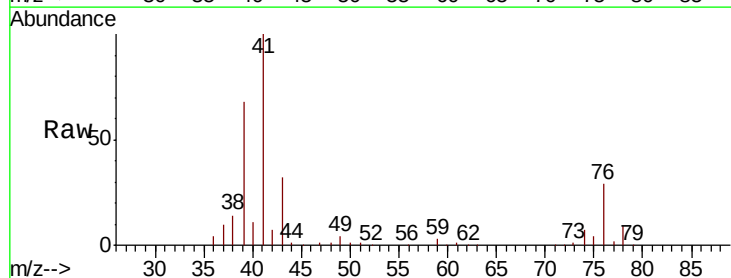
Acq: 30 Aug 2019 09:30

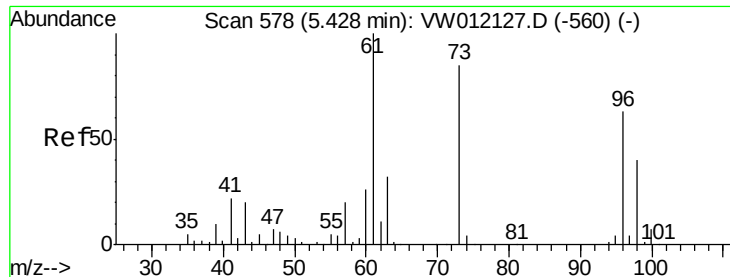
Tgt Ion: 43 Resp: 82594

Ion Ratio Lower Upper

43 100

74 19.3 15.7 23.5





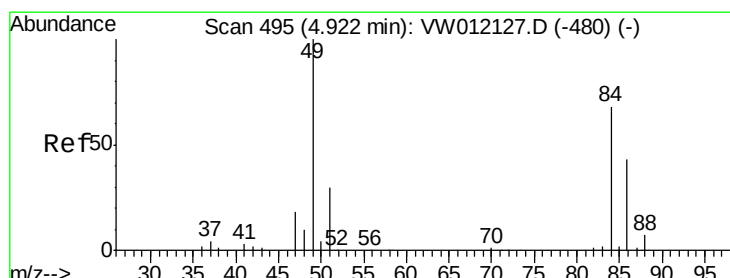
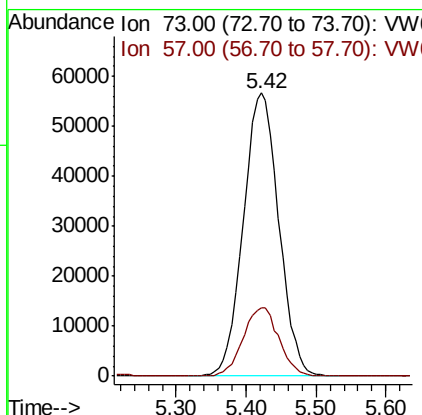
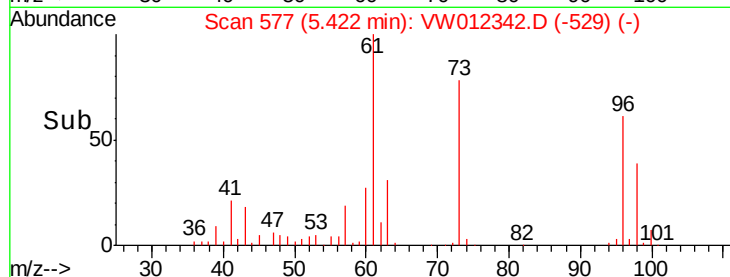
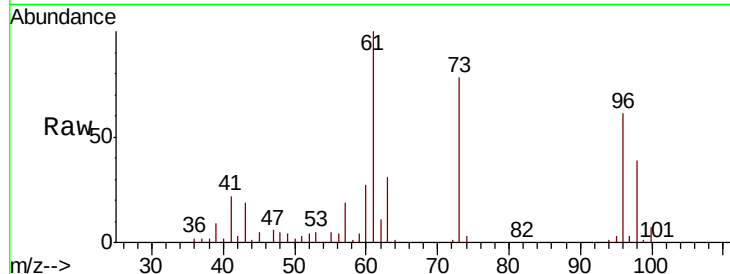
#19
Methyl tert-butyl Ether
Concen: 55.116 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 199115
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3

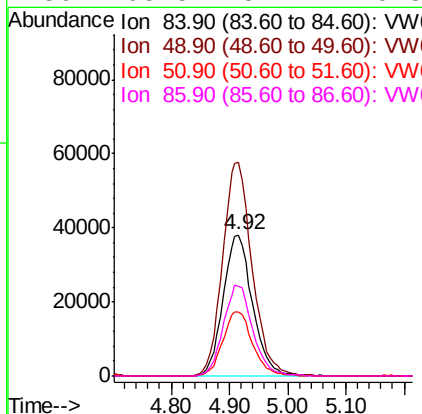
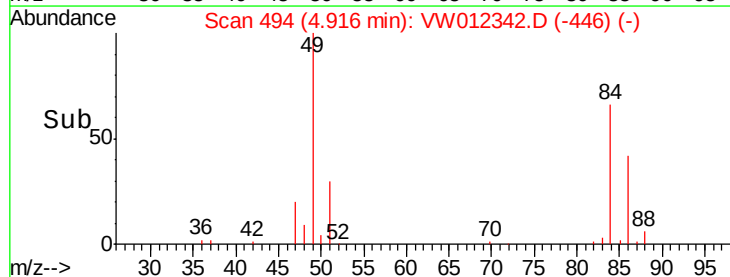
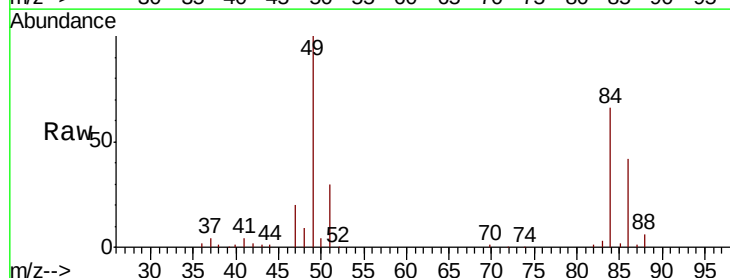
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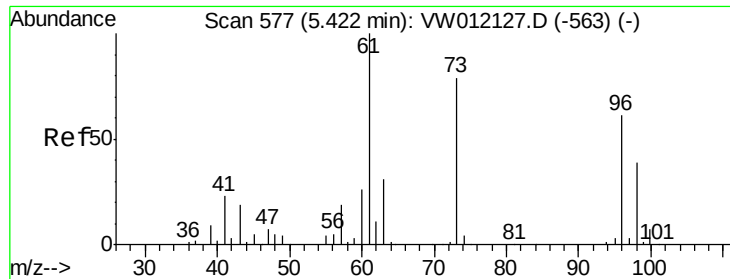
MMDadoda
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#20
Methylene Chloride
Concen: 51.948 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 84 Resp: 132908
Ion Ratio Lower Upper
84 100
49 151.6 117.8 176.8
51 45.3 35.6 53.4
86 63.5 51.2 76.8





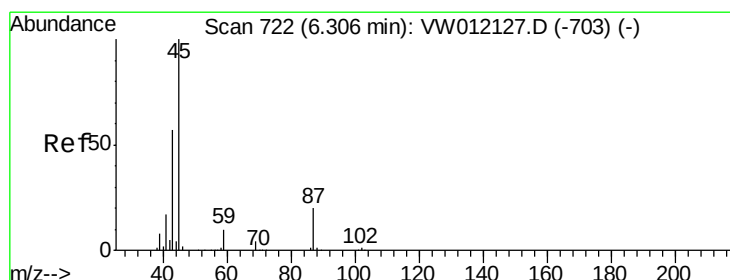
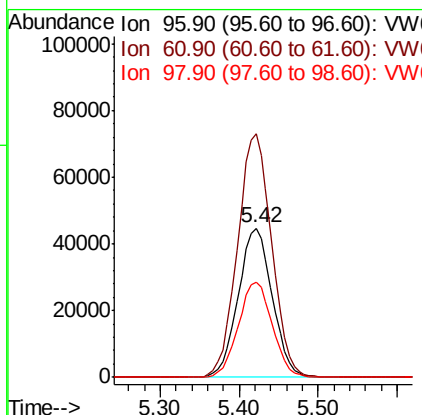
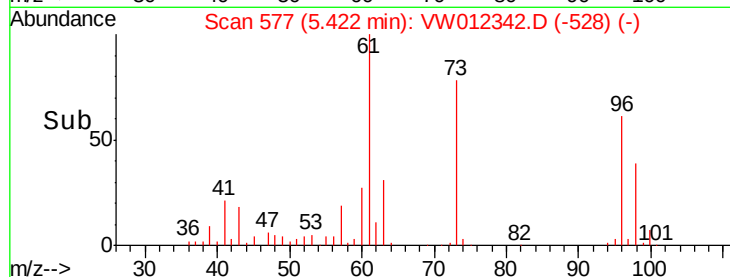
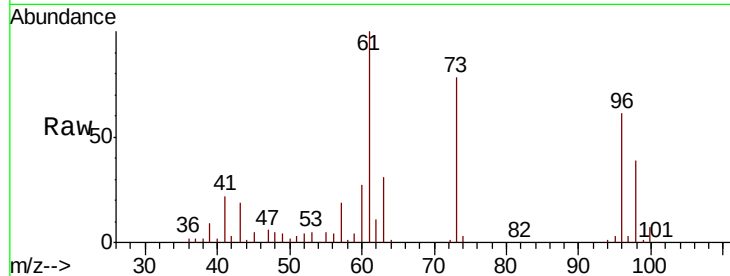
#21
trans-1,2-Dichloroethene
Concen: 55.841 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.3	131.4	197.0
98	63.8	51.4	77.0

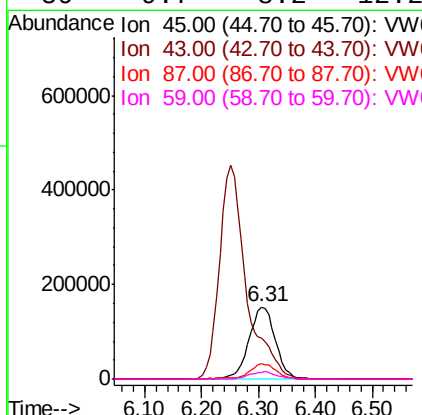
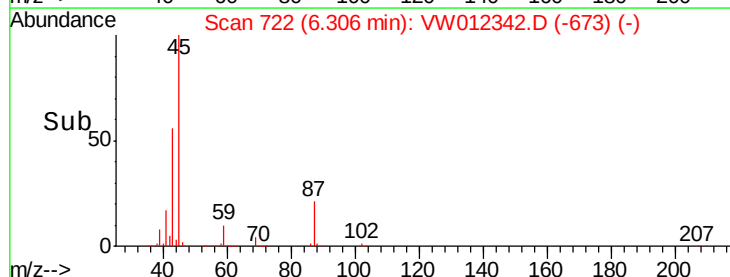
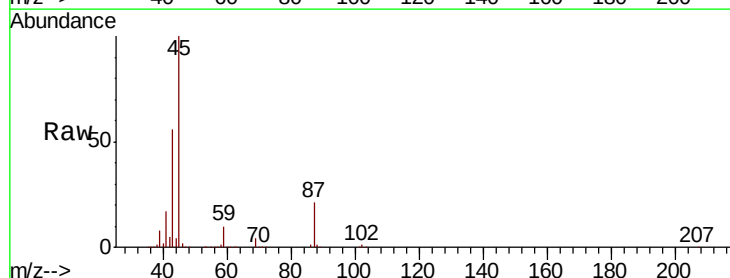
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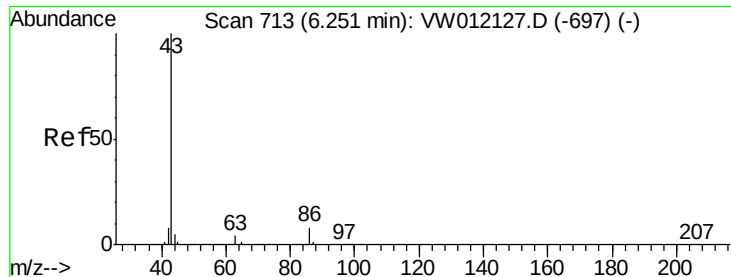
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#22
Diisopropyl ether
Concen: 55.363 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.1	45.5	68.3
87	20.9	16.1	24.1
59	9.7	8.2	12.2





#23

Vinyl Acetate

Concen: 272.540 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tot Ion: 43 Resp: 1484785

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7

Instrument :

MSVOA_W

ClientSampleId :

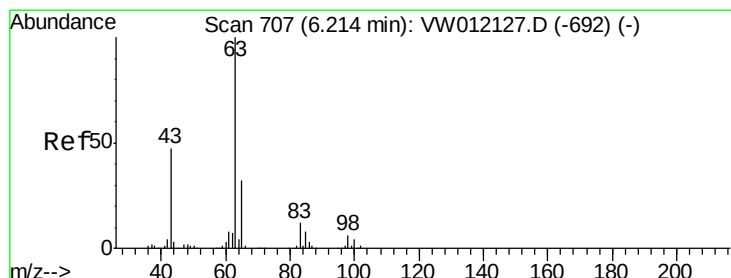
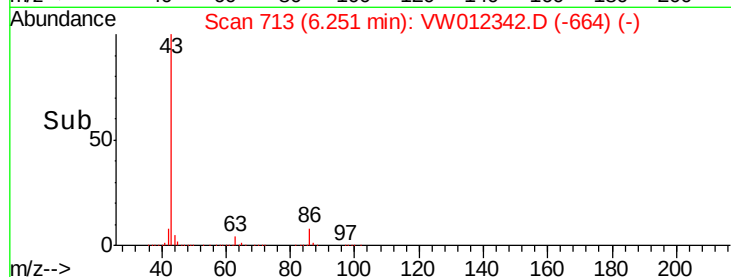
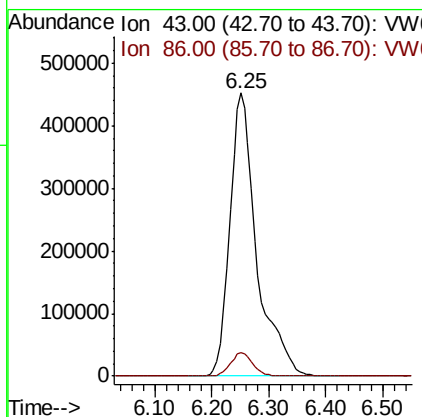
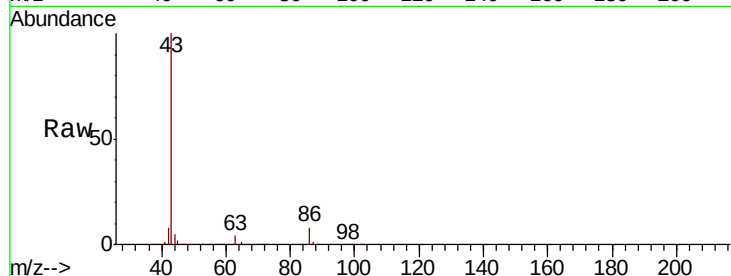
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 56.280 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

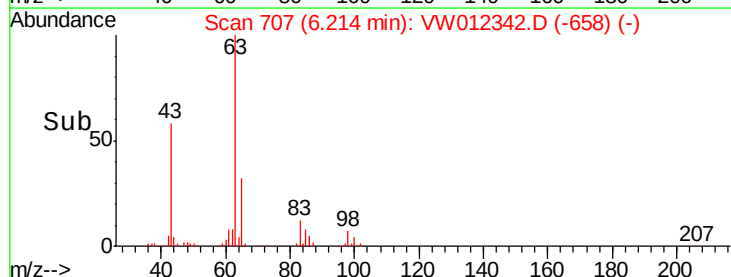
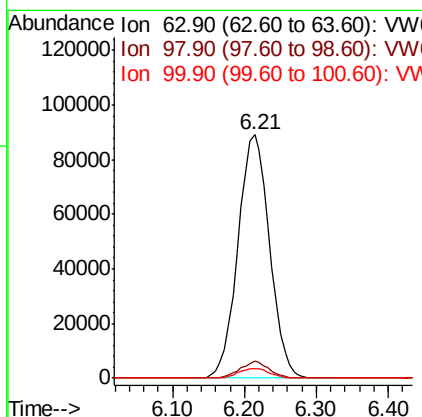
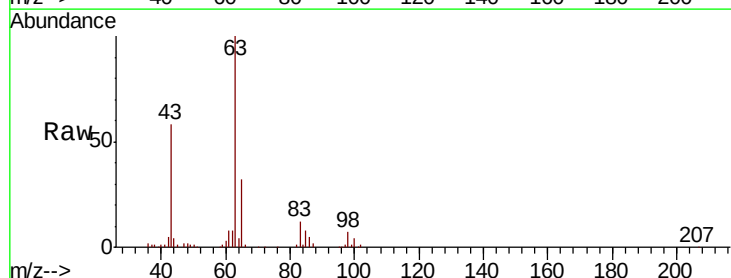
Tgt Ion: 63 Resp: 271269

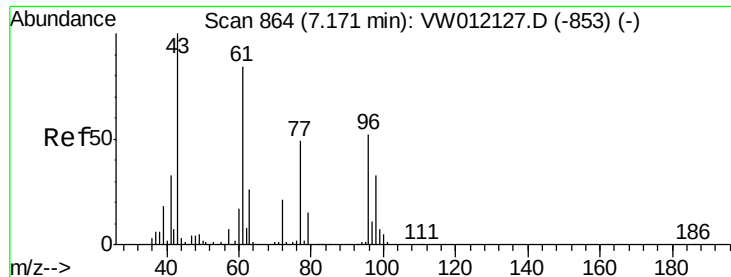
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.2

100 3.7 2.0 6.0





#25

2-Butanone

Concen: 247.971 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 228047

Ion Ratio Lower Upper

43 100

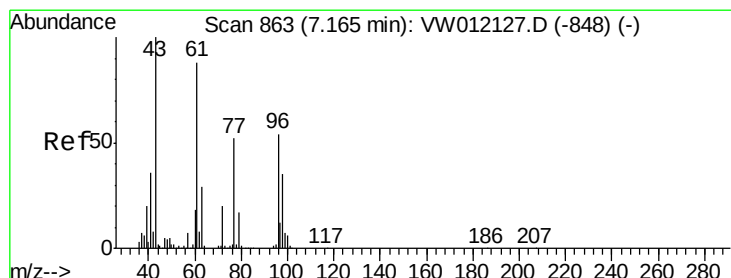
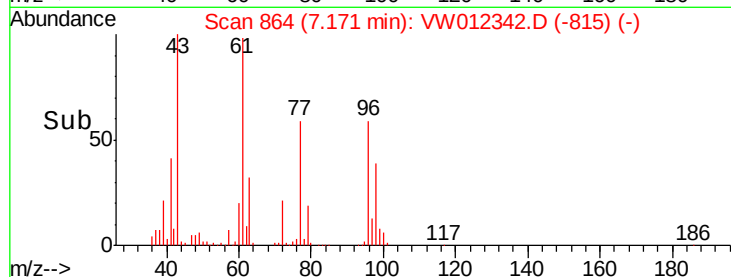
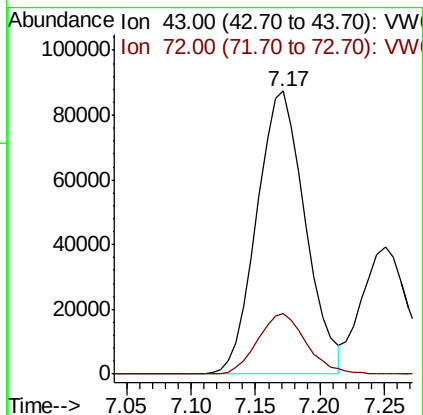
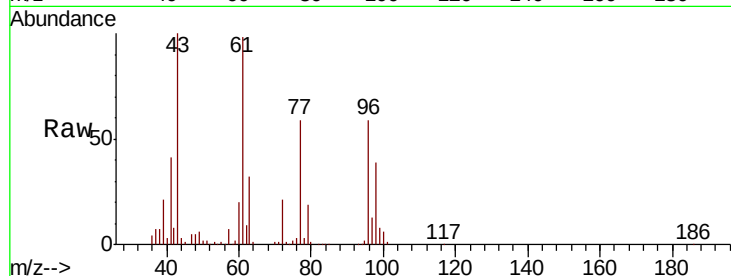
72 21.3 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 58.591 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012342.D

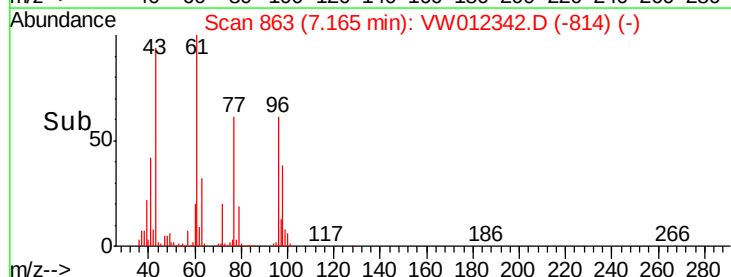
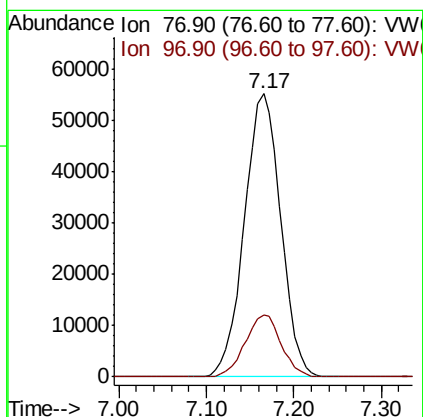
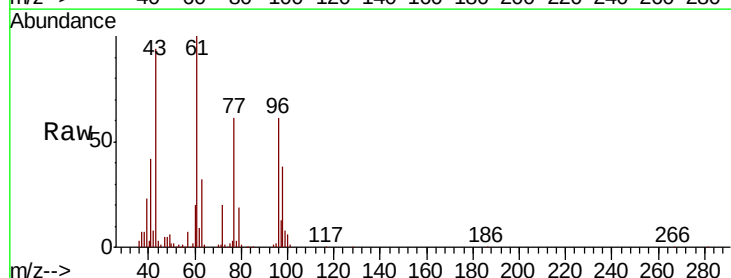
Acq: 30 Aug 2019 09:30

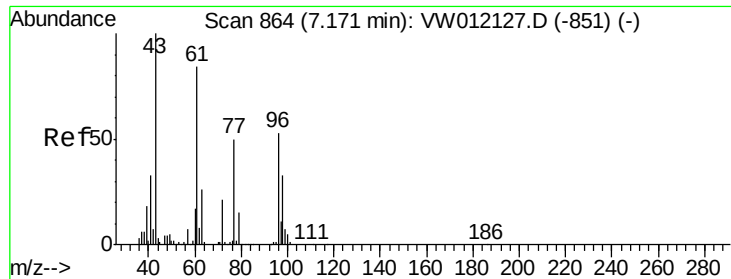
Tgt Ion: 77 Resp: 159848

Ion Ratio Lower Upper

77 100

97 21.7 11.1 33.1





#27

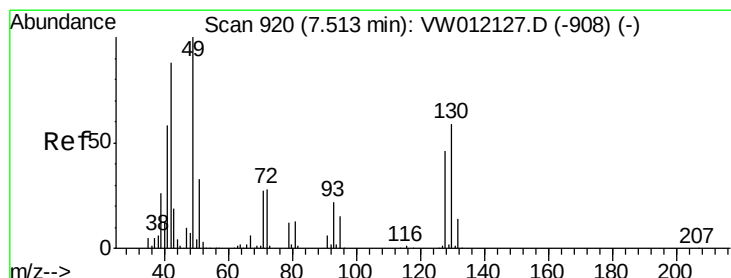
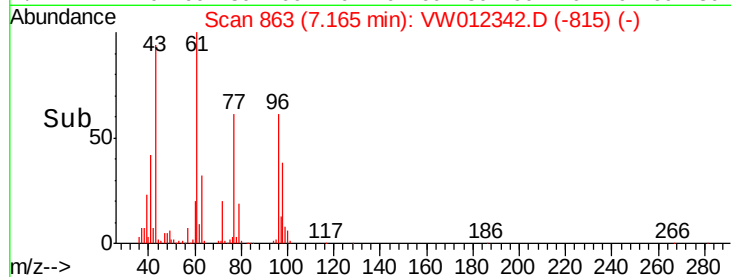
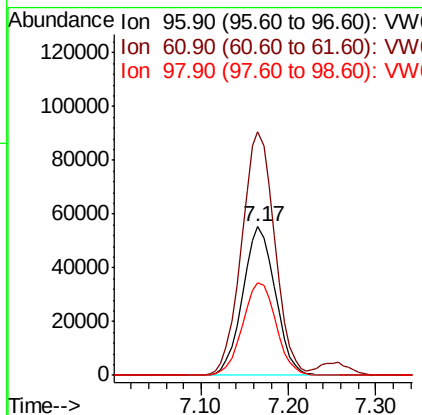
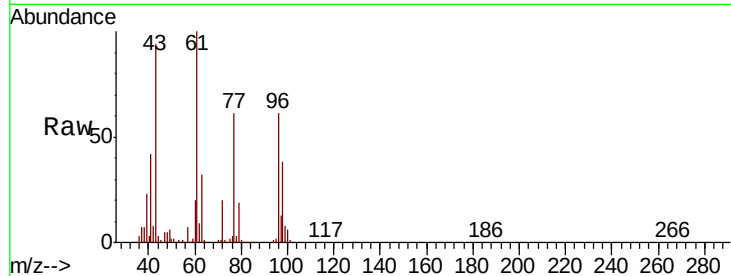
cis-1,2-Dichloroethene
 Concen: 55.976 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.8	0.0	326.6
98	63.8	0.0	127.4

Manual Integrations
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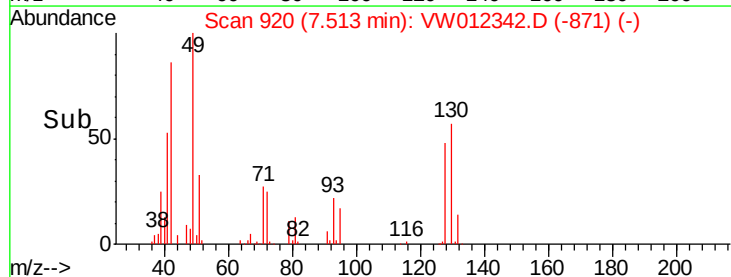
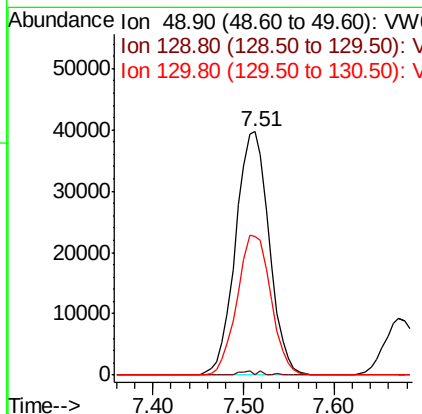
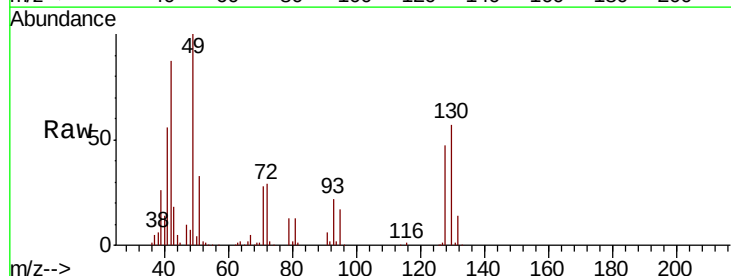
MMDadoda
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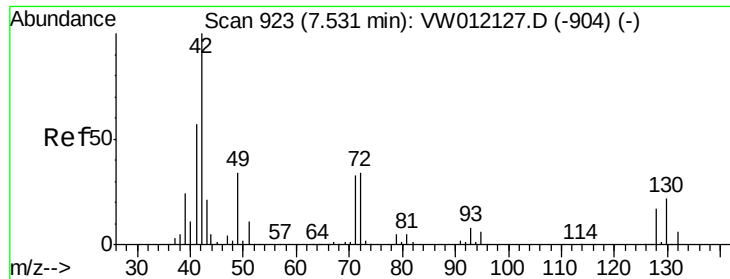


#28

Bromochloromethane
 Concen: 48.523 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	1.4
130	58.0	45.5	68.3





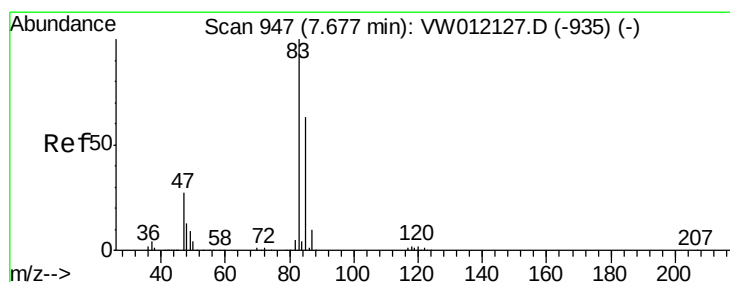
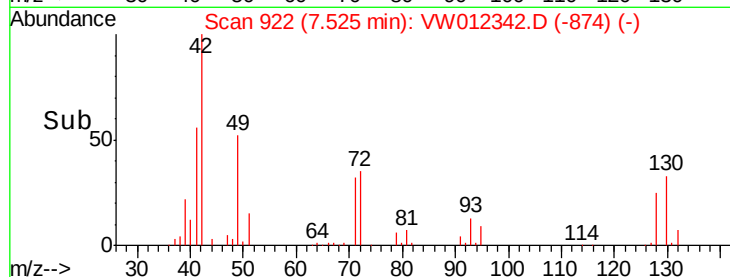
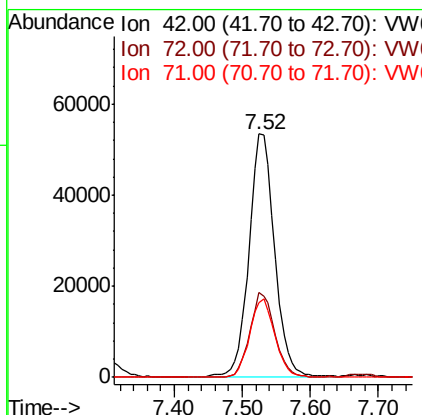
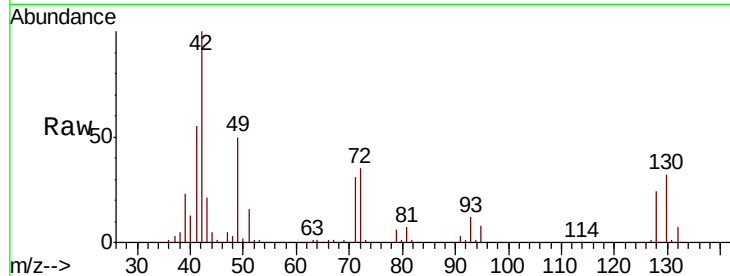
#29
Tetrahydrofuran
Concen: 255.782 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.7	27.3	40.9
71	31.7	25.5	38.3

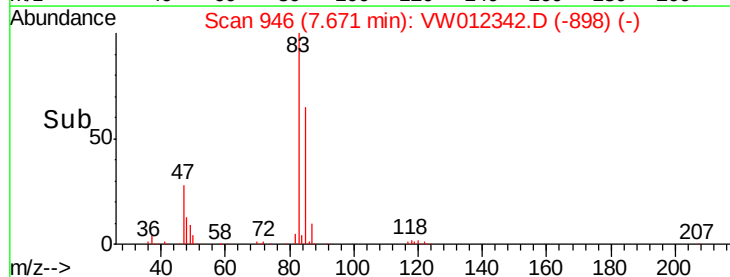
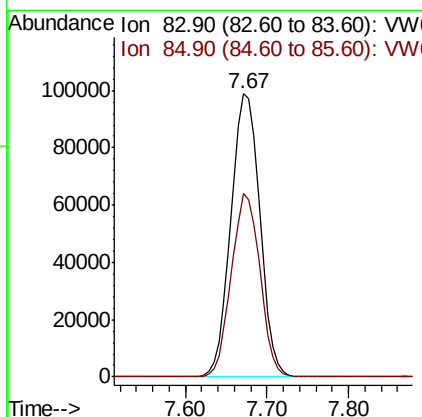
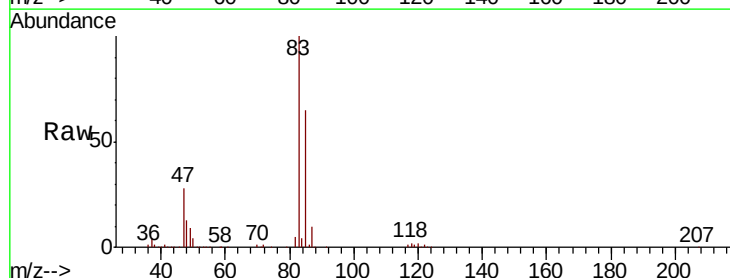
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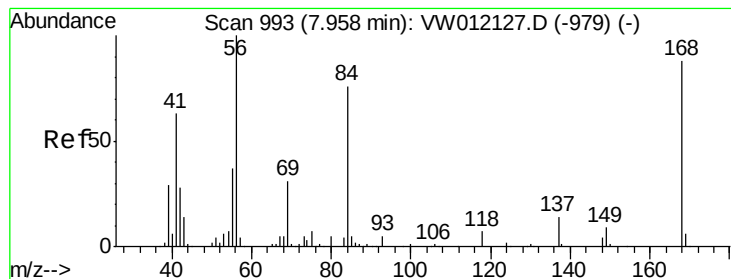
MMDadoda
8/31/2019 9:11:05 AM



#30
Chloroform
Concen: 55.069 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.6	76.0





#31

Cyclohexane

Concen: 52.848 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

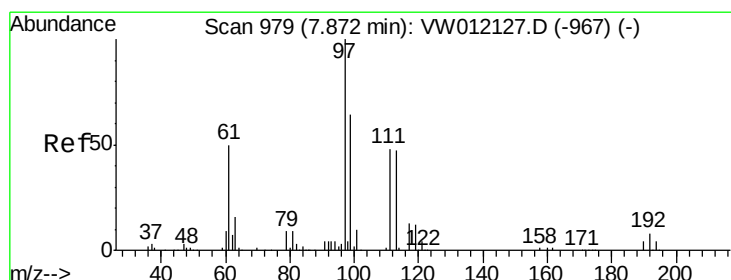
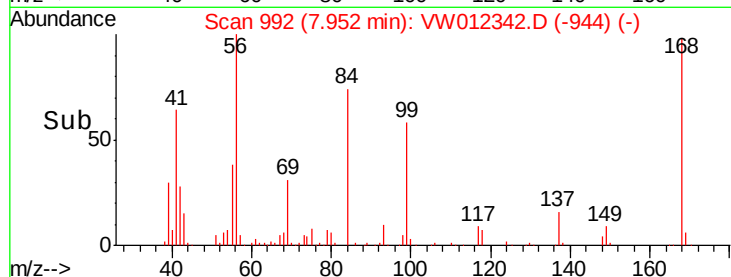
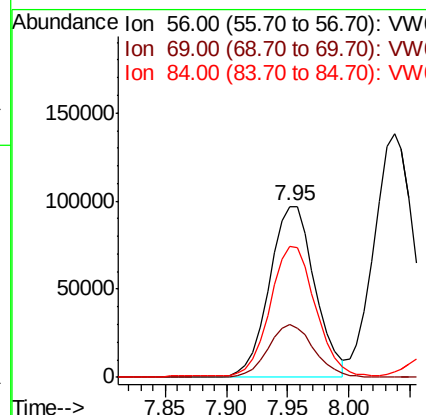
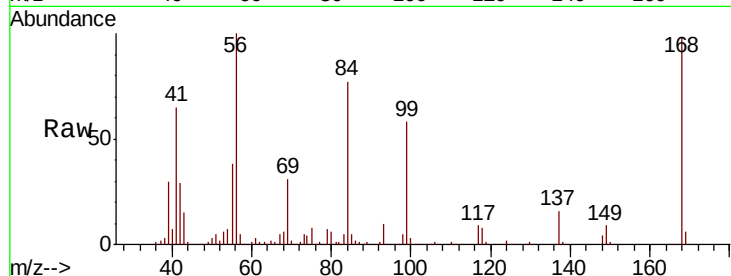
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	252020
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.9	37.3
84	75.6	60.6	90.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 57.439 ug/l

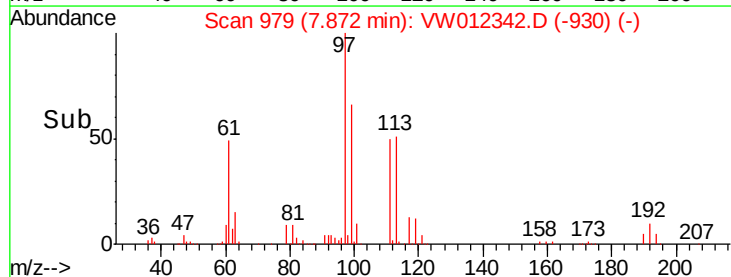
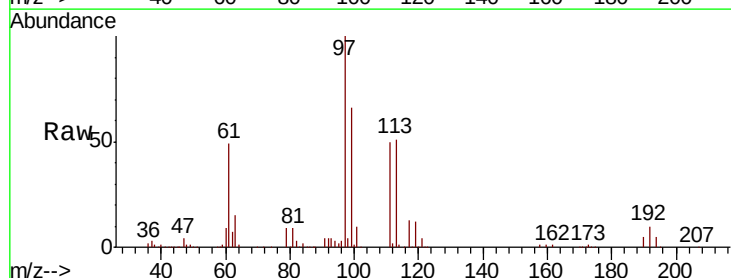
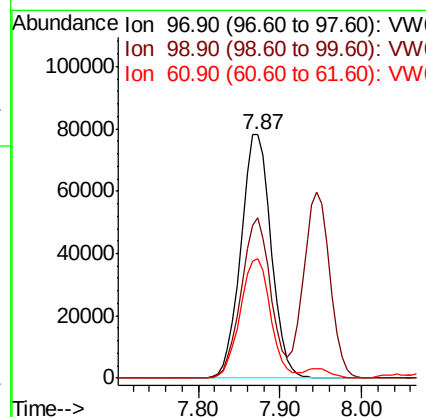
RT: 7.87 min Scan# 979

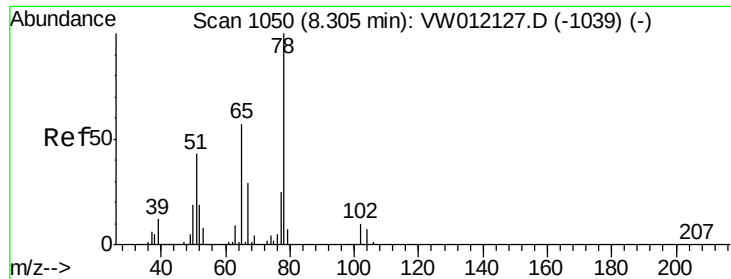
Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion:	97	Resp:	200377
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	49.2	39.5	59.3





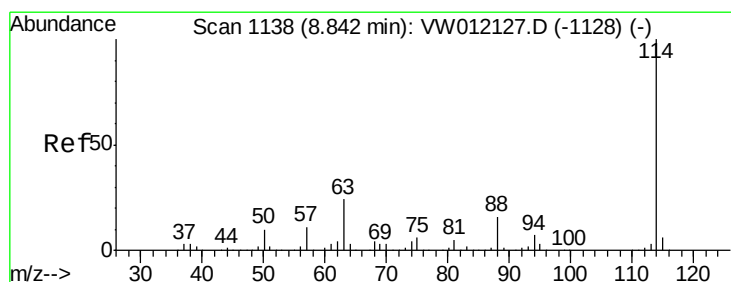
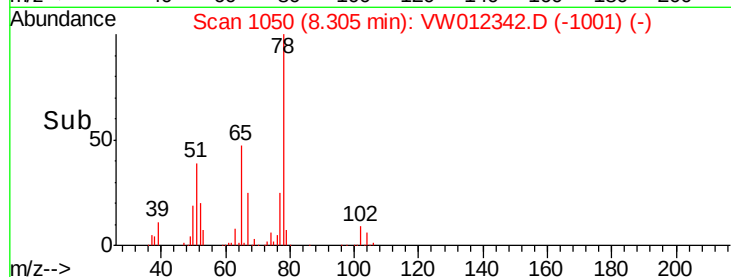
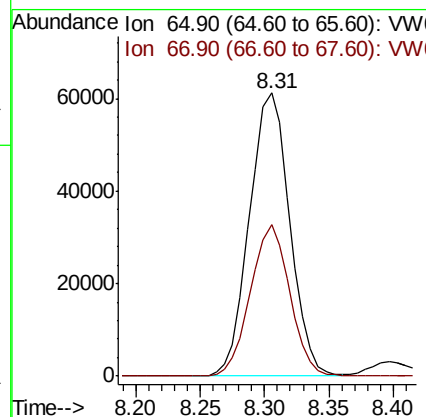
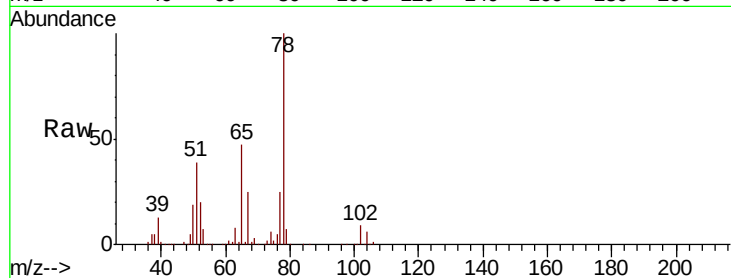
#33
 1,2-Dichloroethane-d4
 Concen: 50.089 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.6

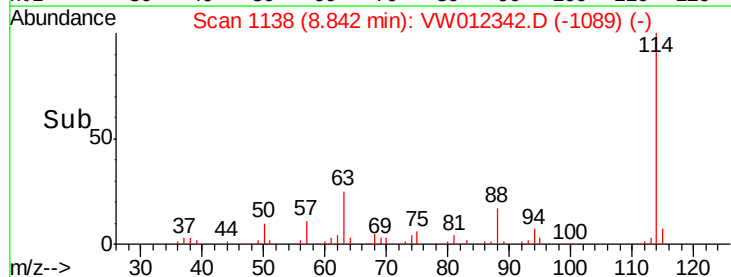
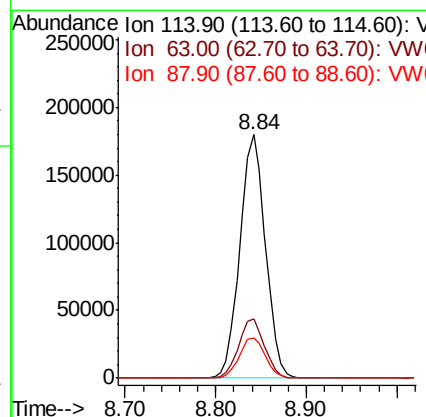
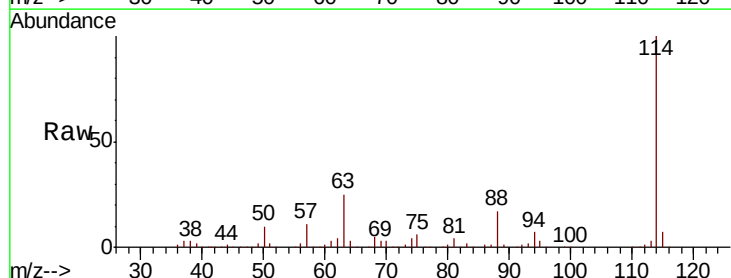
Manual Integrations
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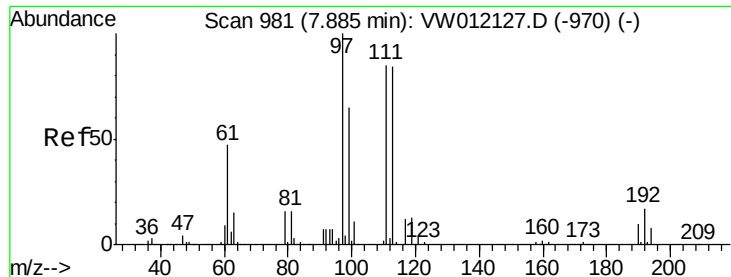
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	48.6
88	16.5	0.0	32.2





#35

Dibromofluoromethane

Concen: 53.260 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

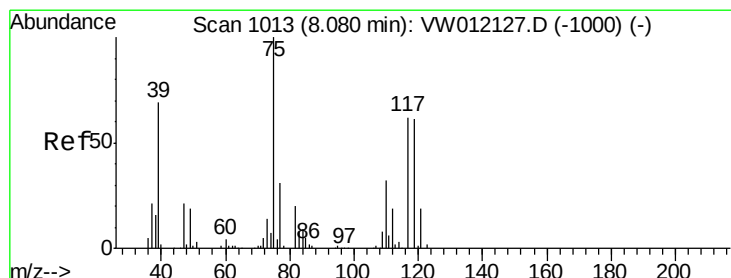
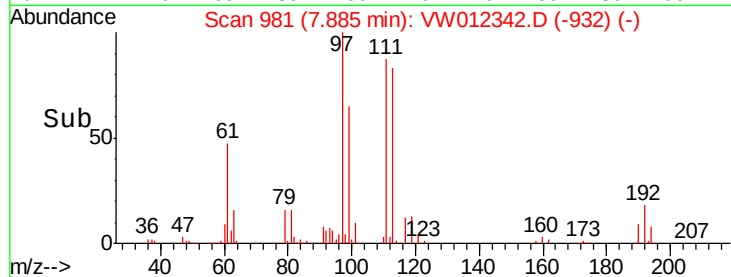
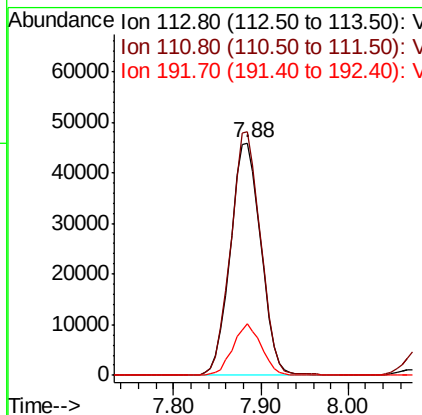
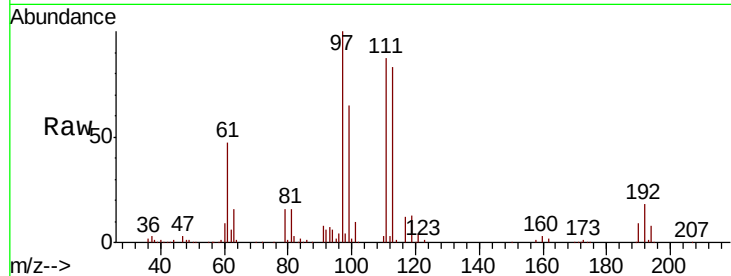
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	111414
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.7	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 57.099 ug/l

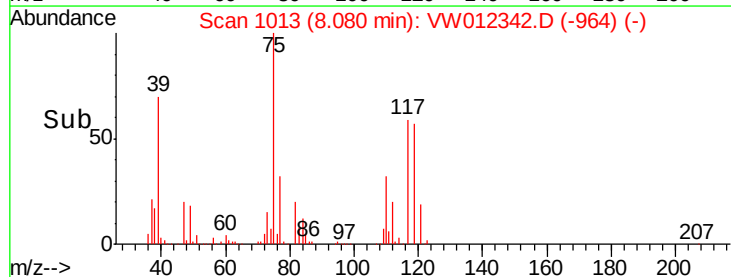
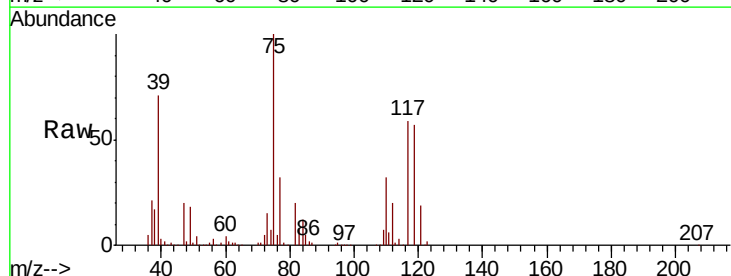
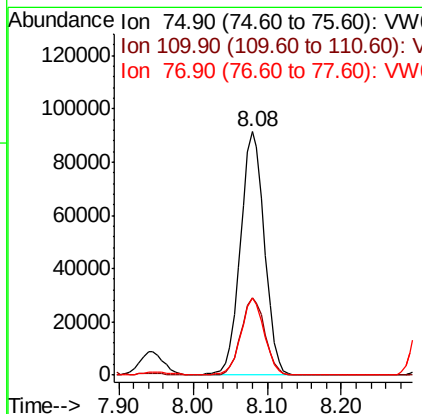
RT: 8.08 min Scan# 1013

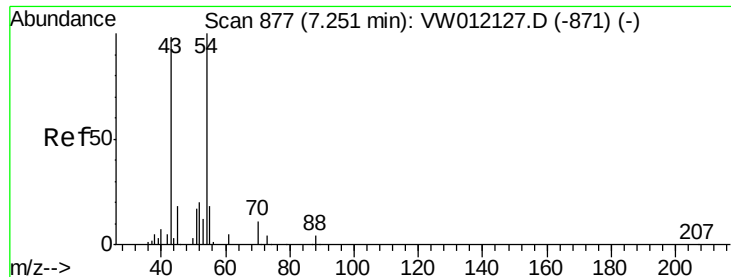
Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion:	75	Resp:	206786
Ion	Ratio	Lower	Upper
75	100		
110	31.7	15.6	46.8
77	31.0	24.6	36.8





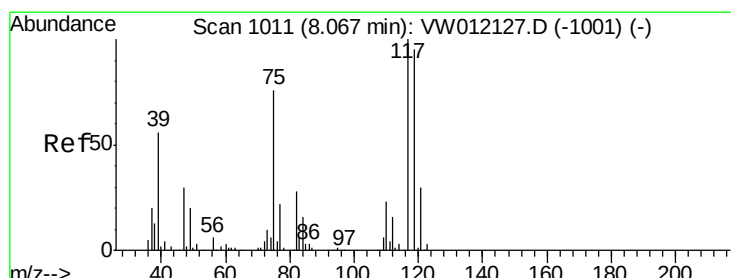
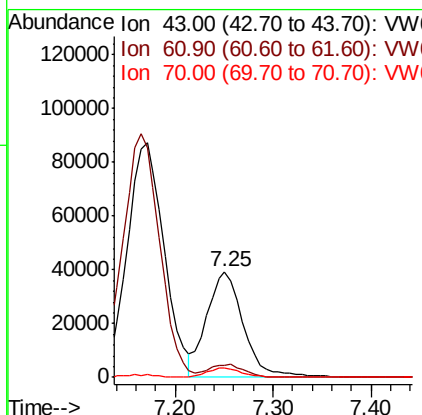
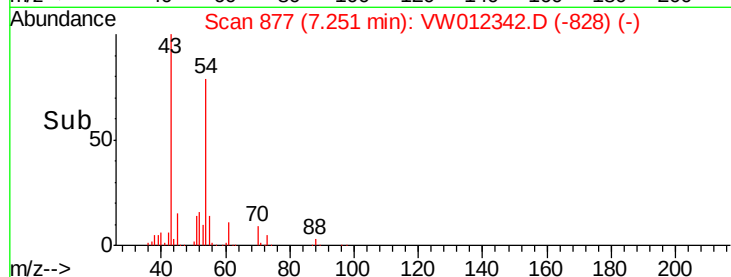
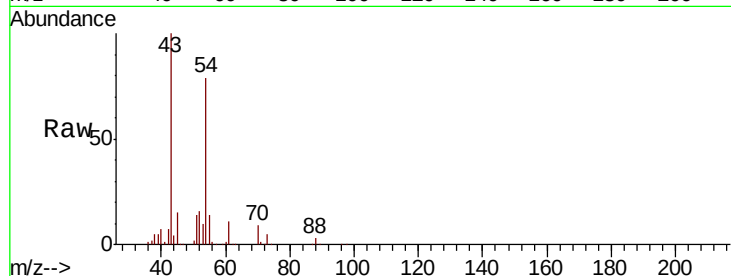
#37
Ethyl Acetate
Concen: 50.595 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	12.2	9.2	13.8	
70	8.7	6.9	10.3	

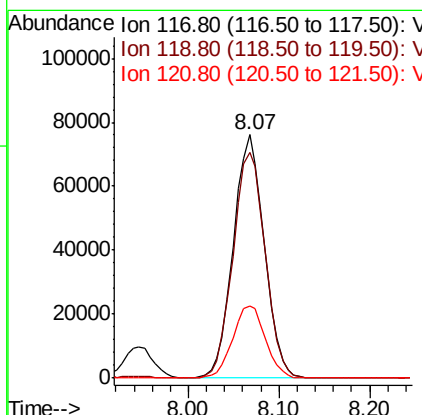
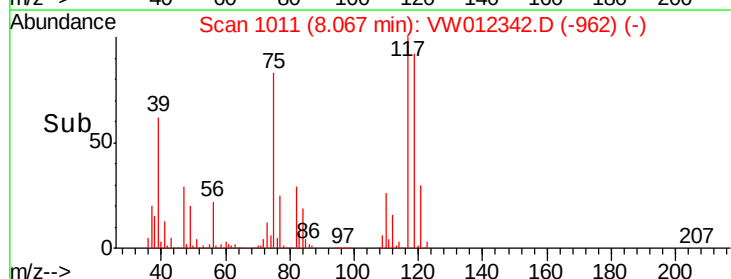
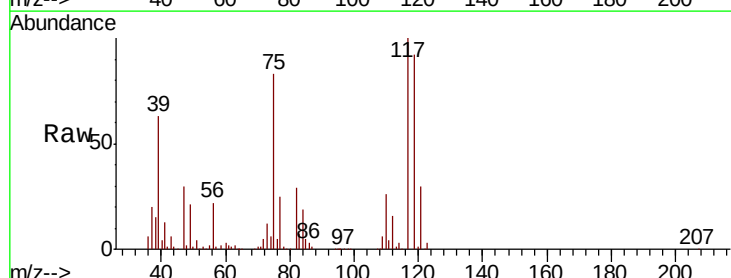
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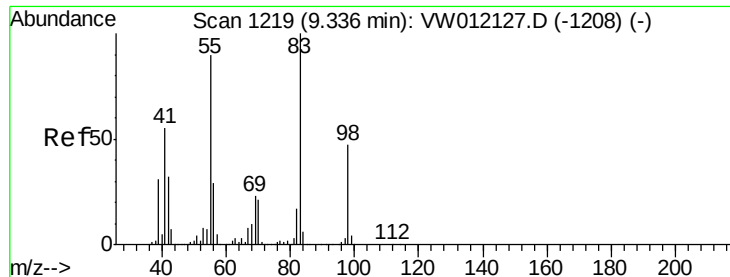
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#38
Carbon Tetrachloride
Concen: 57.613 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.4	76.2	114.2	
121	29.7	23.8	35.8	





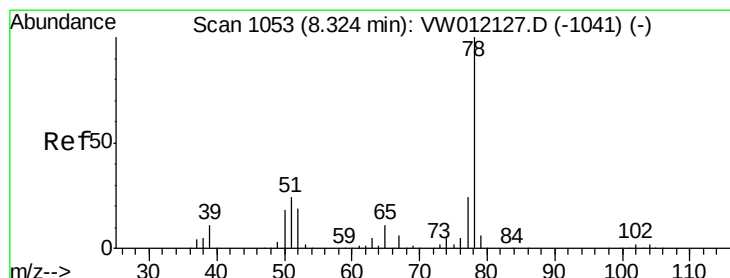
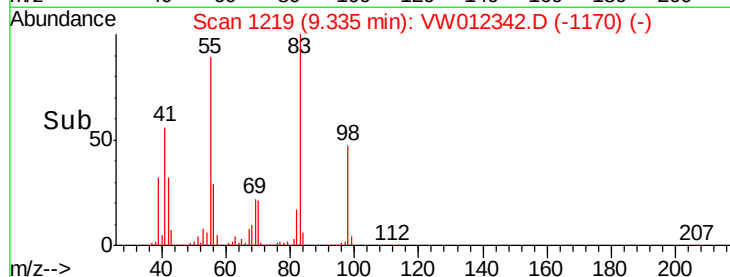
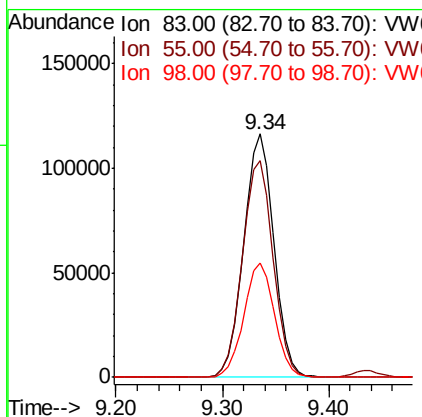
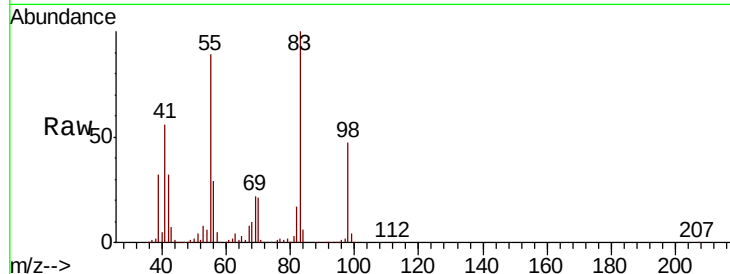
#39
Methylvlcyclohexane
Concen: 57.226 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.1	71.8	107.8
98	47.1	37.8	56.8

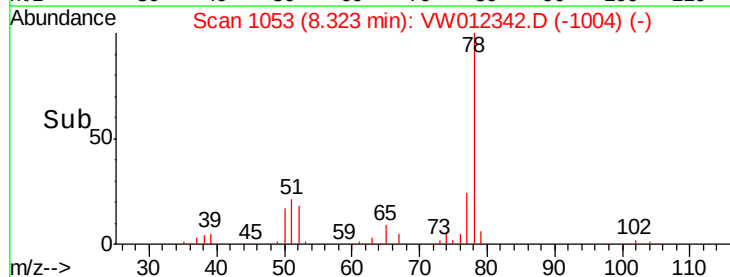
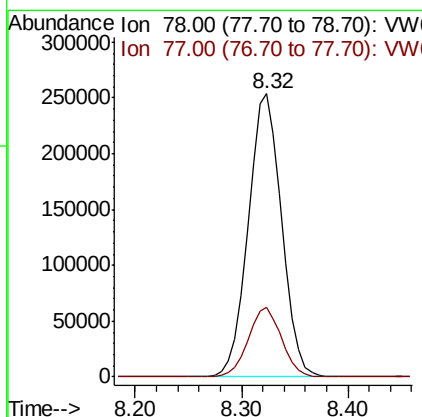
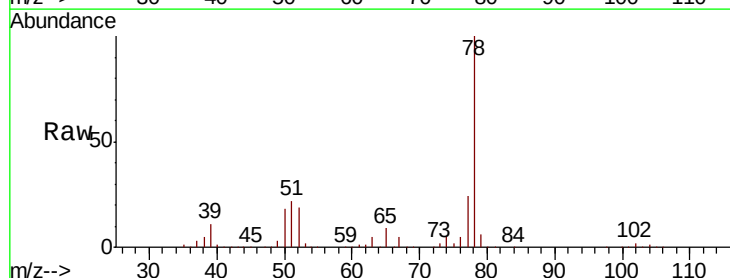
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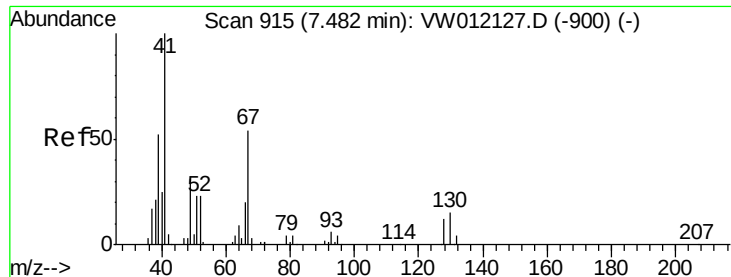
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#40
Benzene
Concen: 56.319 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





#41

Methacrylonitrile

Concen: 52.943 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

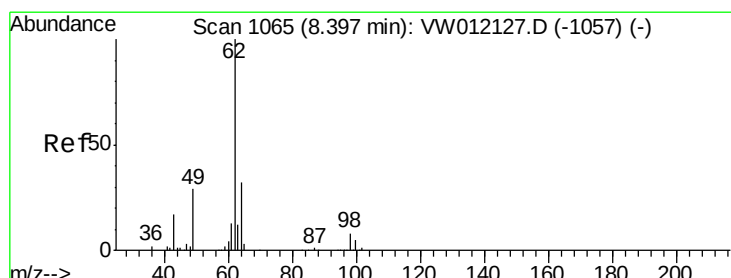
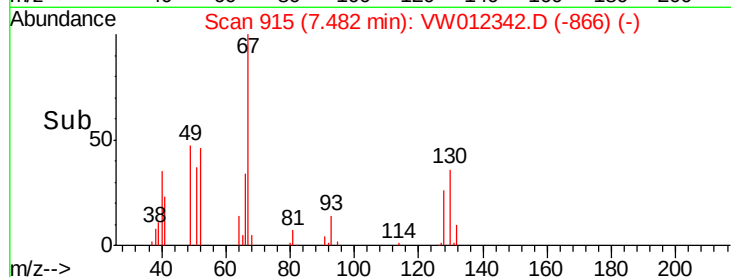
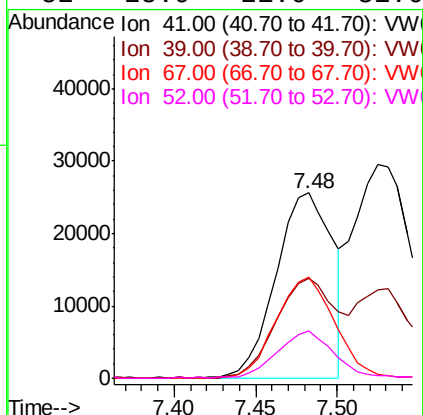
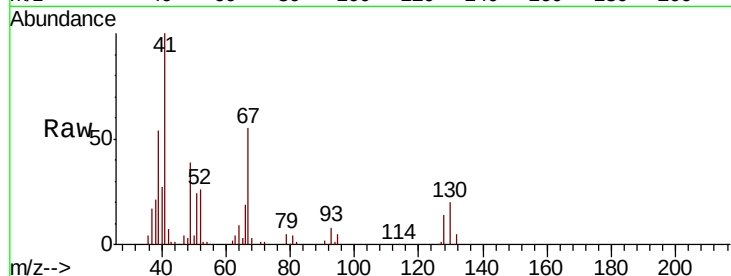
ClientSampleId :

VSTDCCC050

Tot Ion	41	Resp:	61753
Ion	Ratio	Lower	Upper
41	100		
39	59.0	45.8	68.8
67	56.9	46.2	69.4
52	25.9	21.0	31.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.318 ug/l

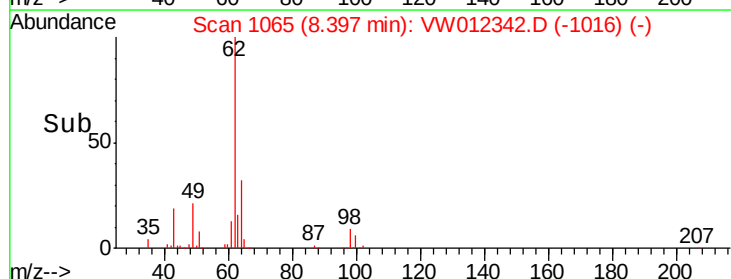
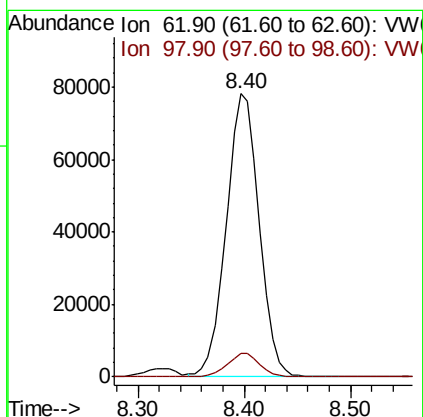
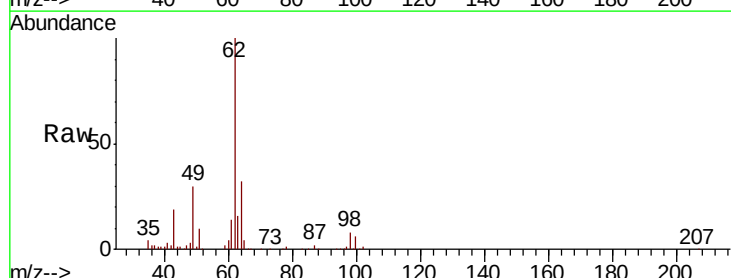
RT: 8.40 min Scan# 1065

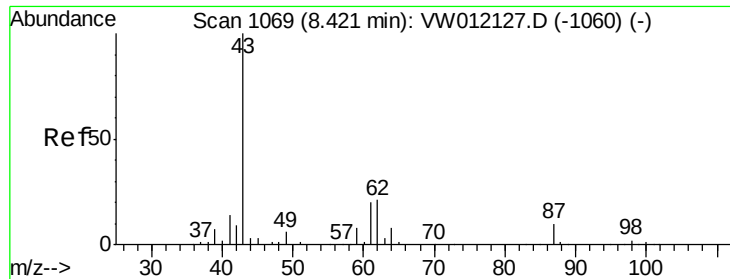
Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion	62	Resp:	168346
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.826 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

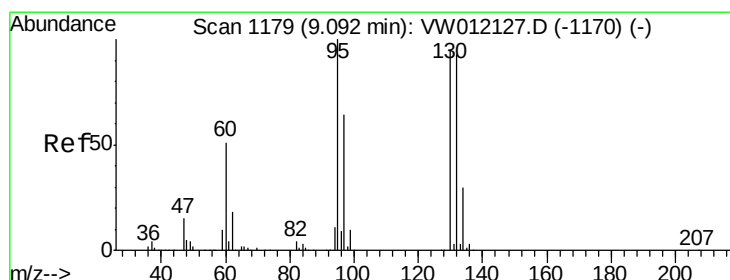
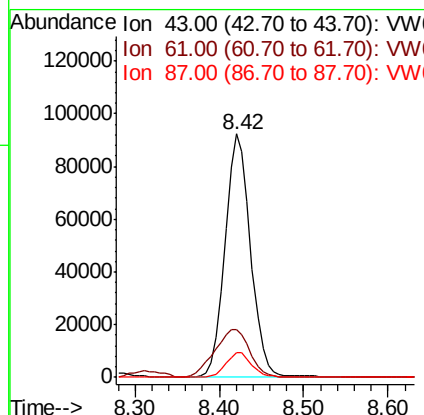
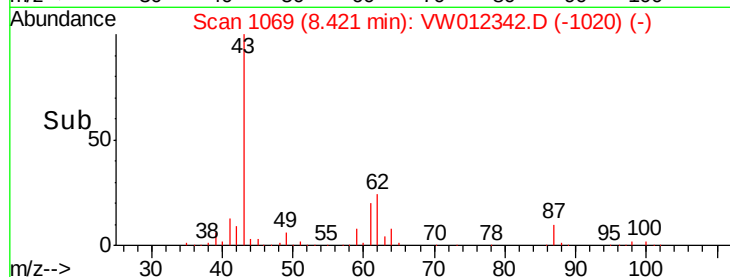
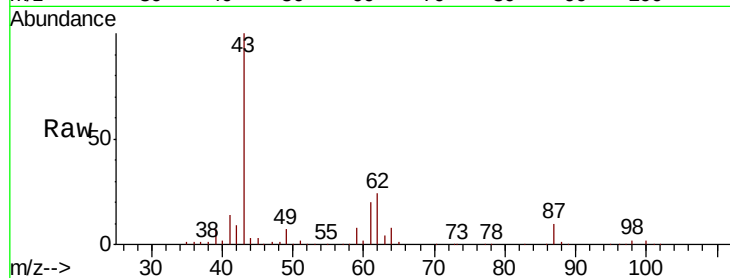
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	190515
Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.1	31.7
87	10.3	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 56.451 ug/l

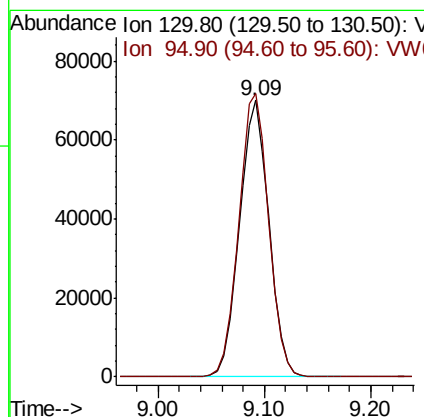
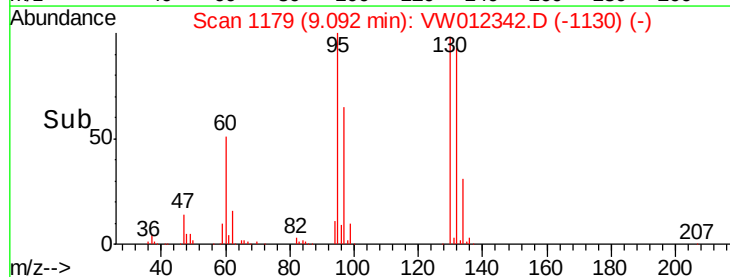
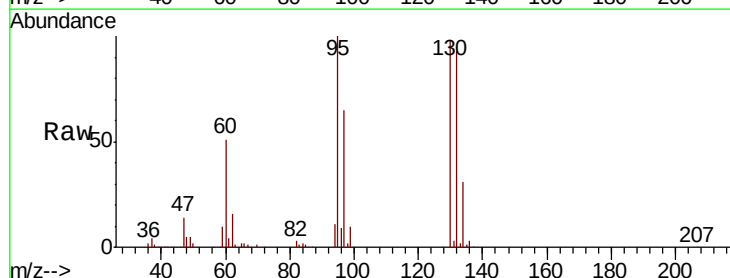
RT: 9.09 min Scan# 1179

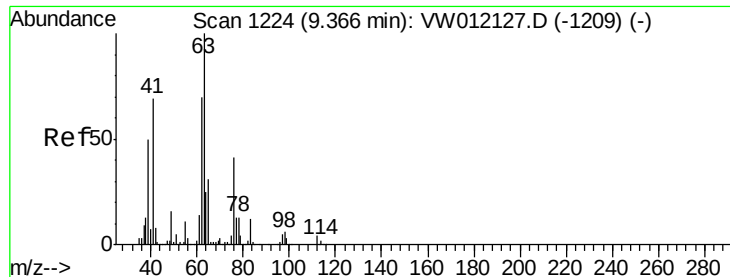
Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion:	130	Resp:	135706
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.6





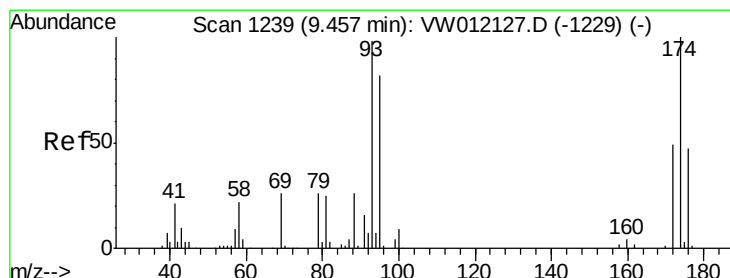
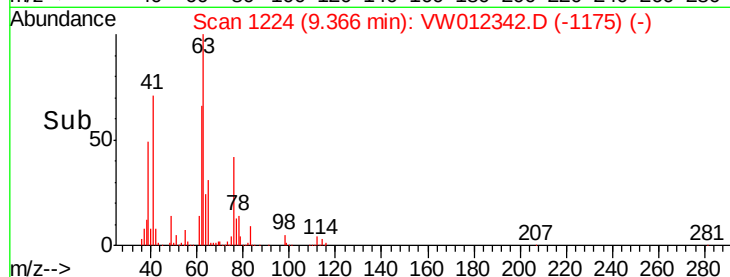
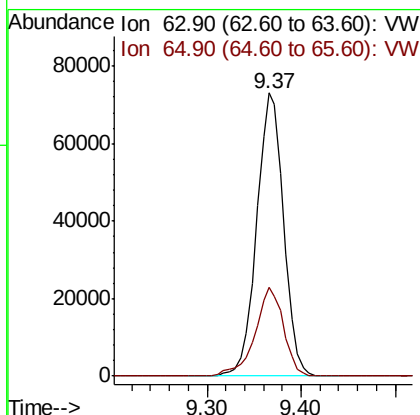
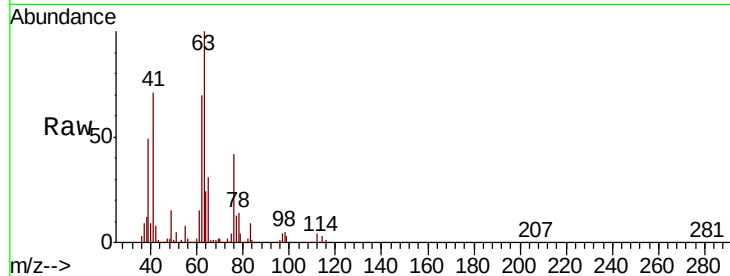
#45
 1,2-Dichloropropane
 Concen: 55.096 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 146634
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

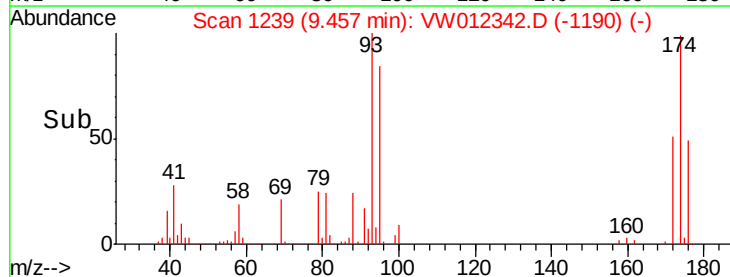
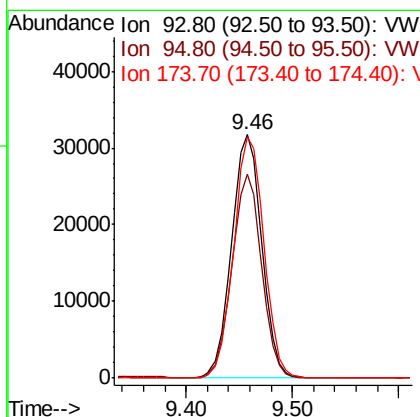
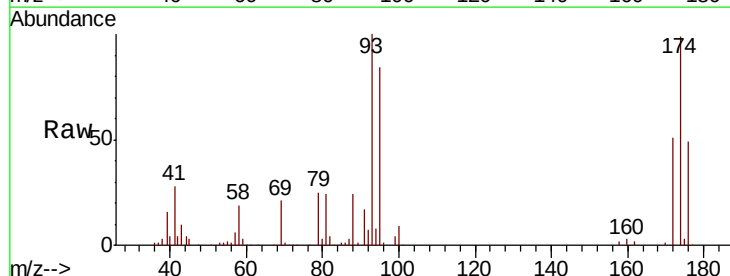
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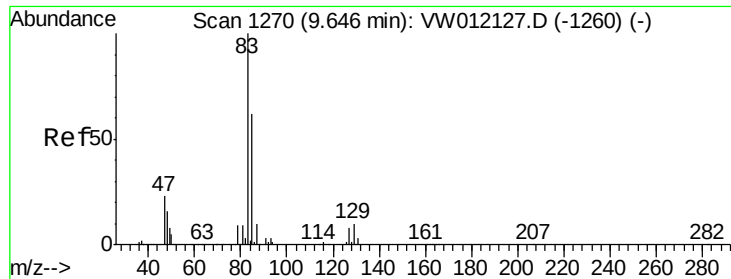
MMDadoda
 8/31/2019 9:11:05 AM



#46
 Dibromomethane
 Concen: 53.363 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion: 93 Resp: 63189
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 99.3 79.0 118.6





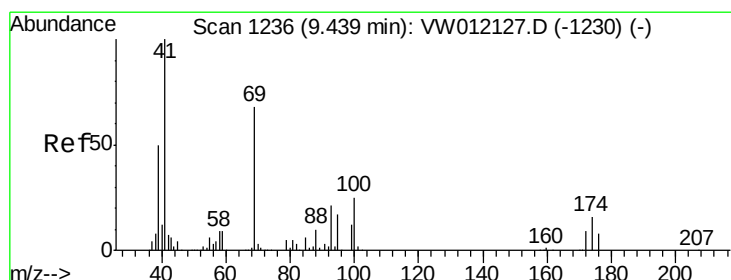
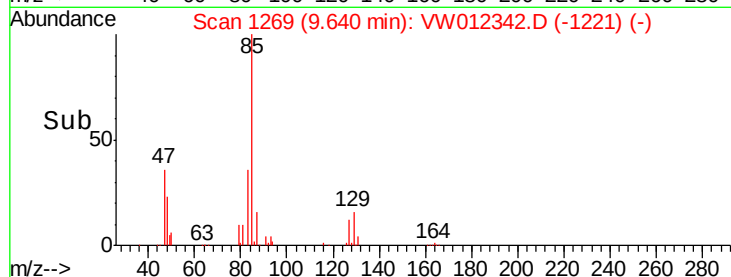
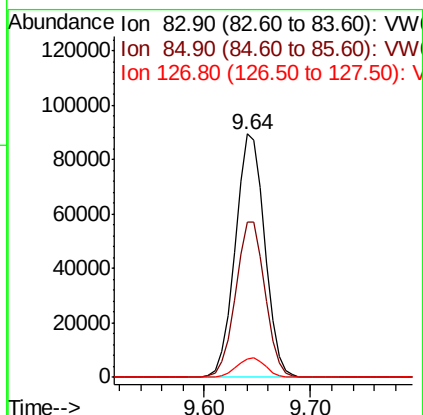
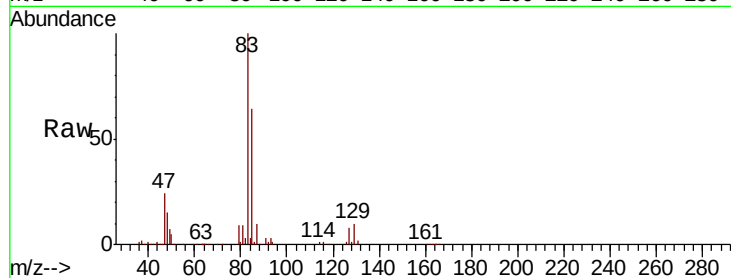
#47
Bromodichloromethane
Concen: 55.049 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.4	74.2
127	7.6	6.1	9.1

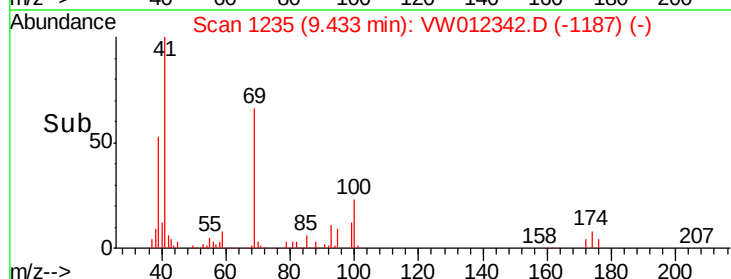
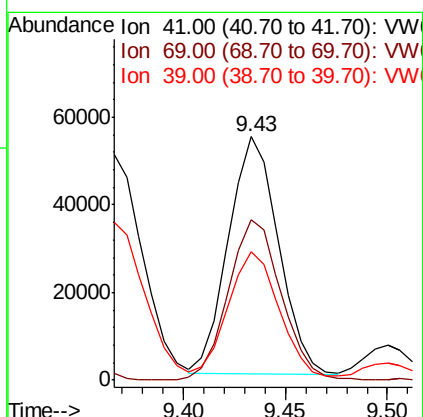
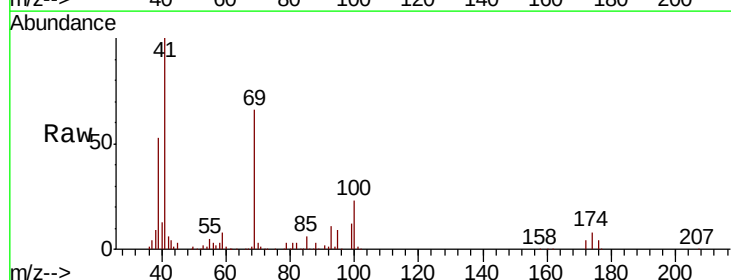
Manual Integrations
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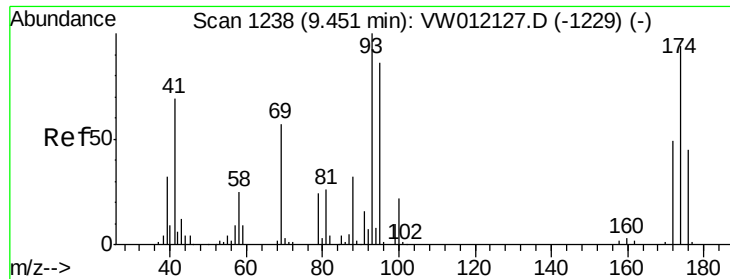
MMDadoda
8/31/2019 9:11:05 AM



#48
Methyl methacrylate
Concen: 52.487 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.6	56.7	85.1
39	52.7	42.0	63.0





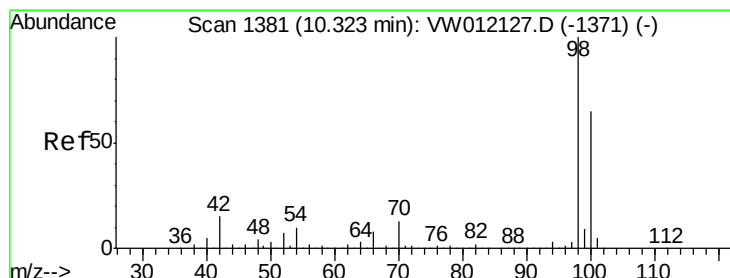
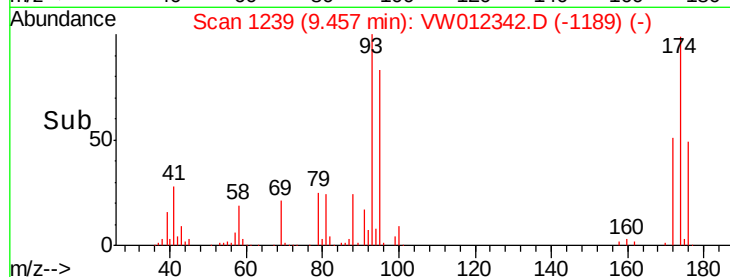
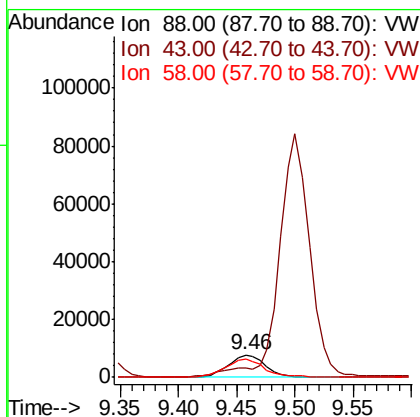
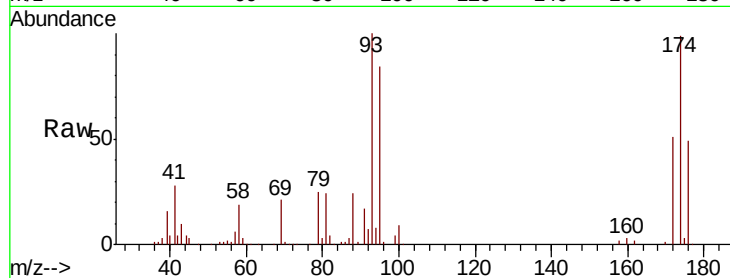
#49
1,4-Dioxane
Concen: 930.835 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	16874
Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	87.3	71.0	106.4

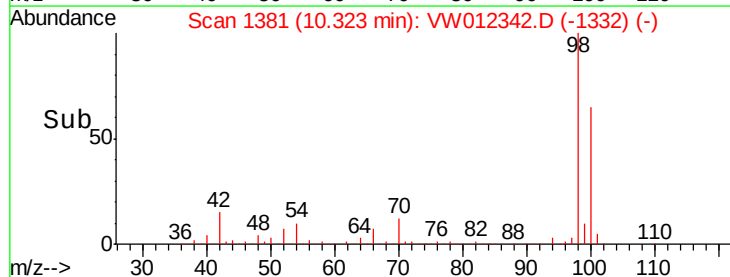
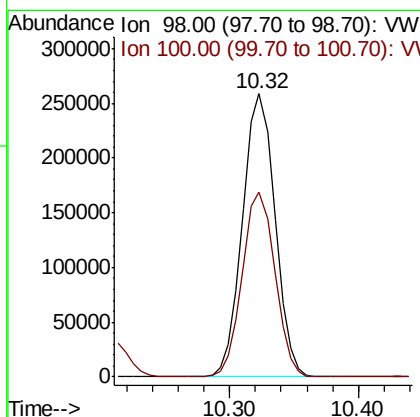
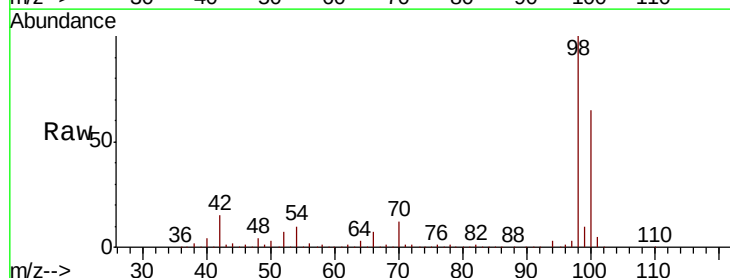
Manual Integrations
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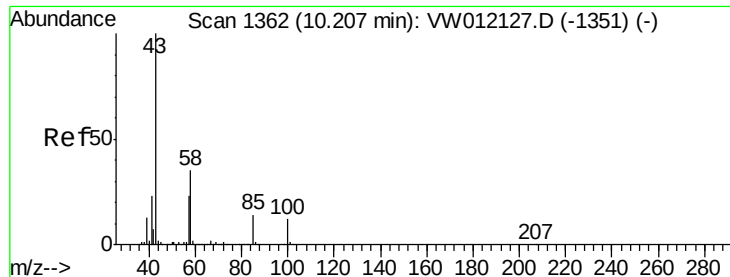
MMDadoda
8/31/2019 9:11:05 AM



#50
Toluene-d8
Concen: 53.194 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	98	Resp	451186
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





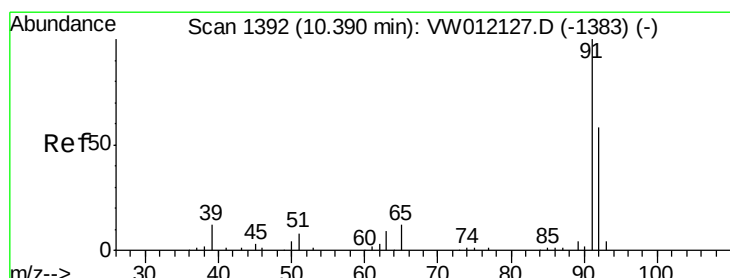
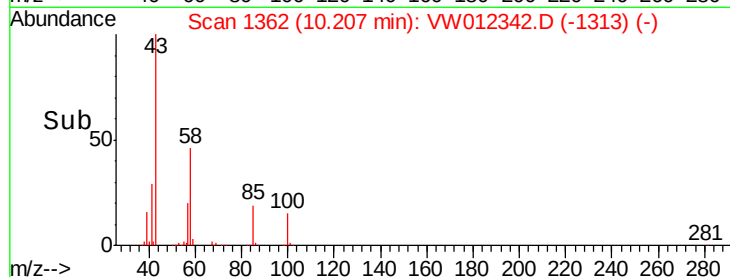
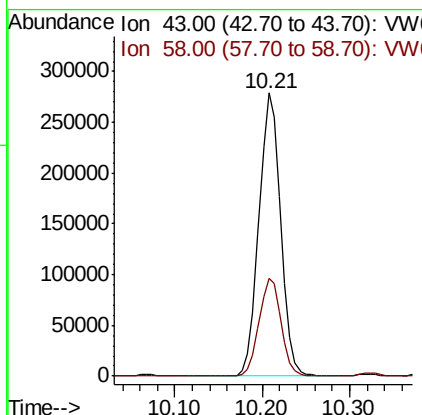
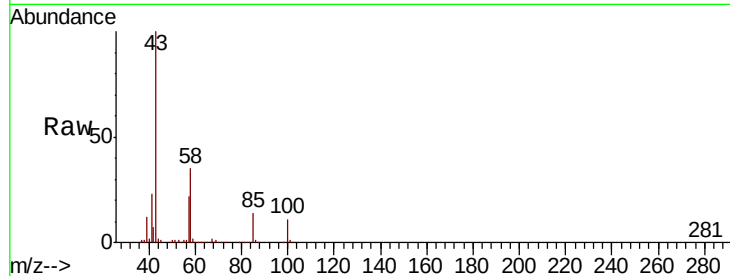
#51
4-Methyl-2-Pentanone
Concen: 258.616 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 483545
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.2

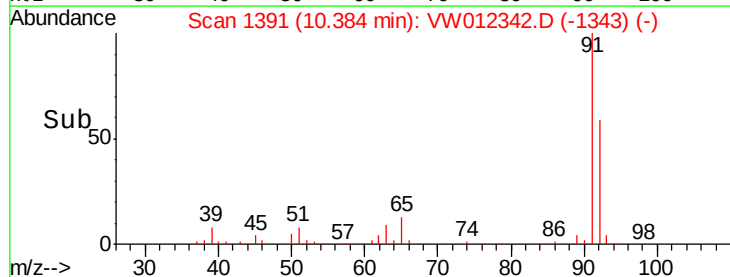
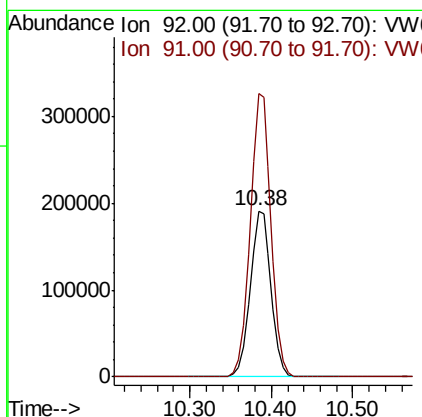
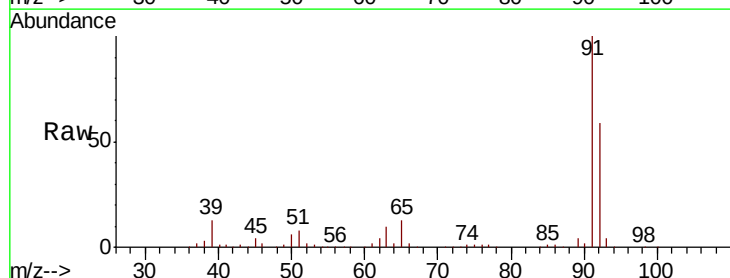
Manual Integrations
APPROVED

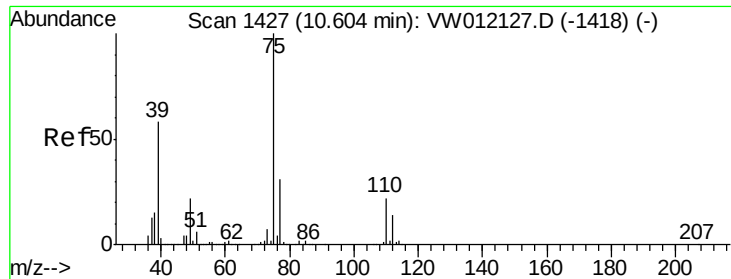
MMDadoda
8/31/2019 9:11:05 AM



#52
Toluene
Concen: 56.958 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 92 Resp: 338372
Ion Ratio Lower Upper
92 100
91 170.9 136.6 204.8





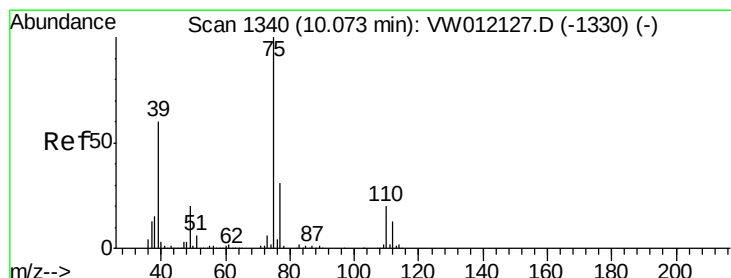
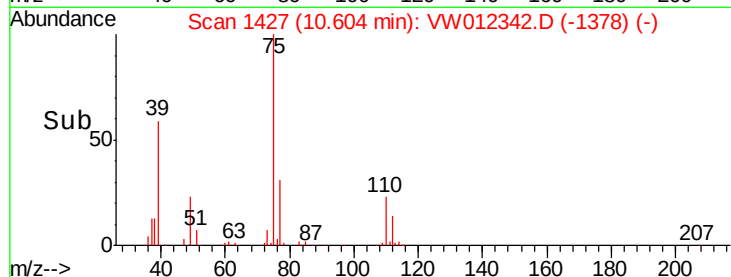
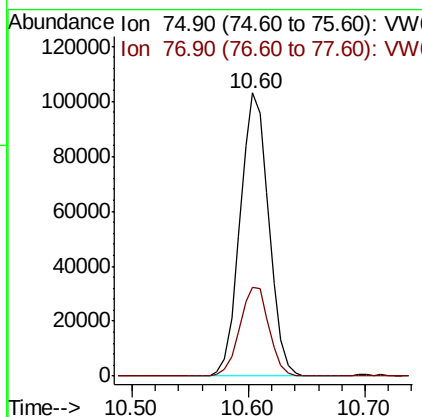
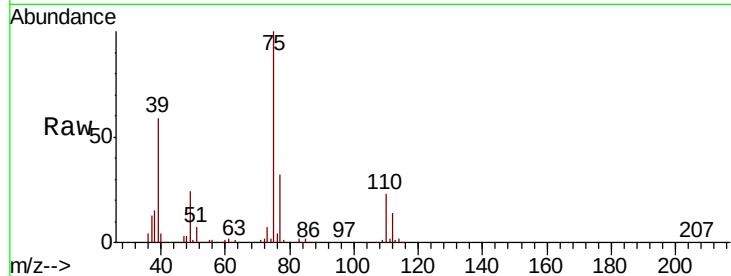
#53
t-1,3-Dichloropropene
Concen: 55.178 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 177133
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4

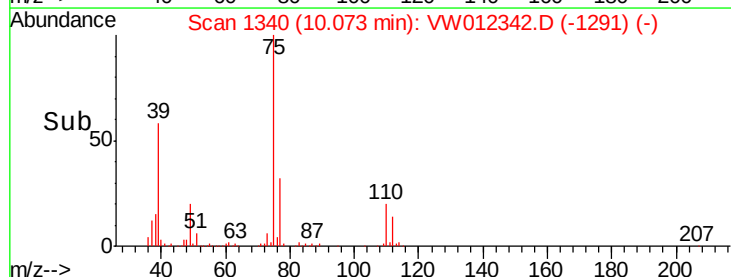
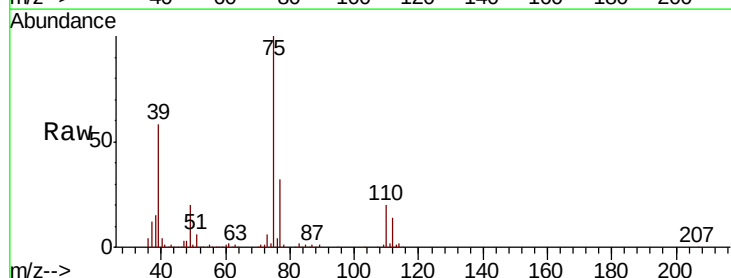
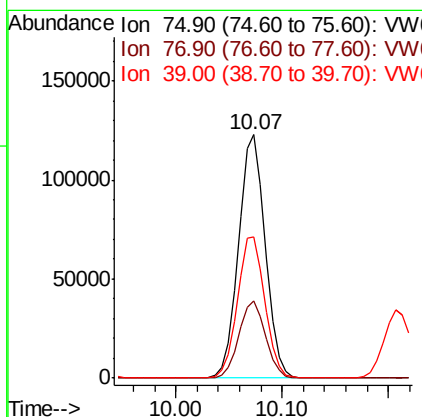
Manual Integrations
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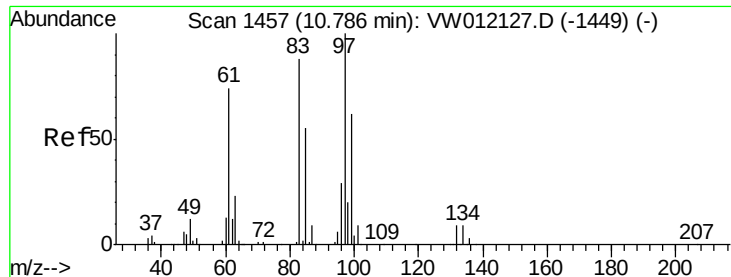
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 55.854 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 75 Resp: 216496
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 58.0 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 53.185 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

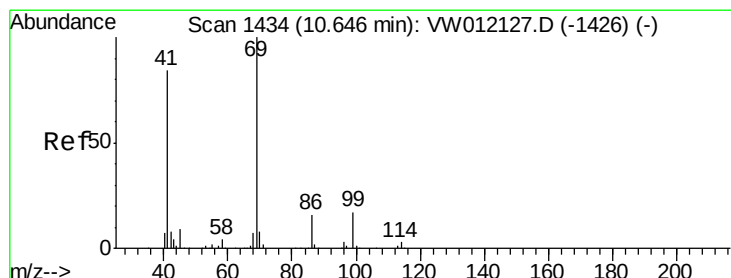
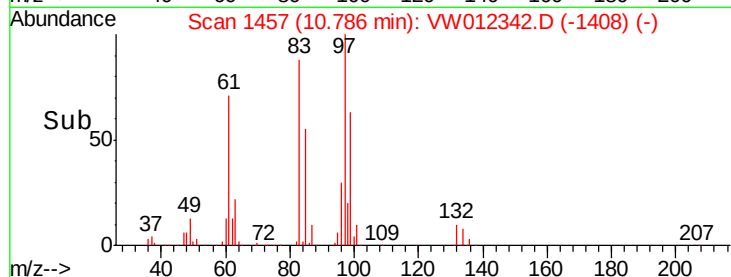
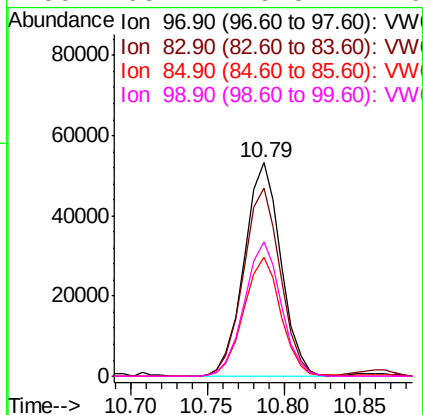
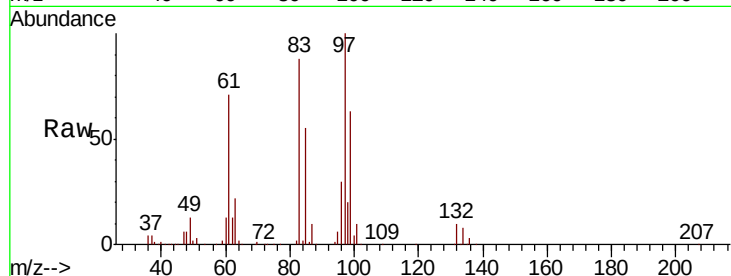
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	89106
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.8	106.2
85	55.5	43.8	65.8
99	63.1	49.8	74.6

Manual Integrations
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8/31/2019 9:11:05 AM



#56

Ethyl methacrylate

Concen: 53.850 ug/l

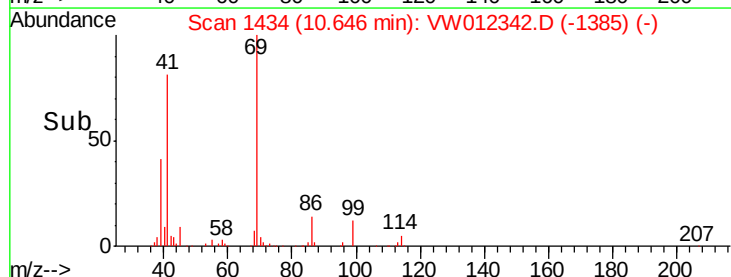
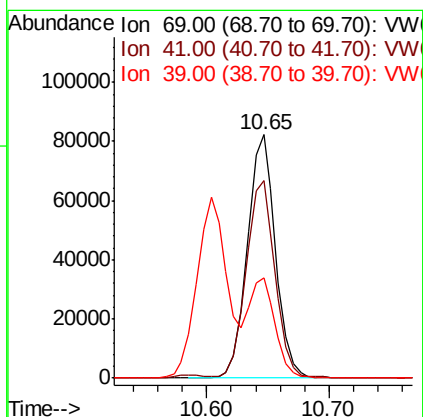
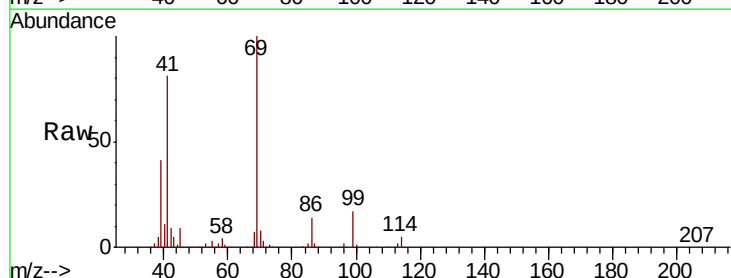
RT: 10.65 min Scan# 1434

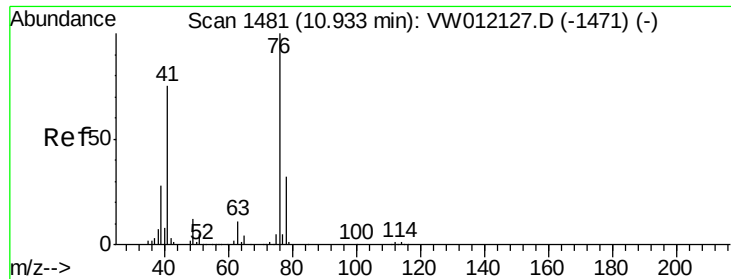
Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion:	69	Resp:	131308
Ion	Ratio	Lower	Upper
69	100		
41	82.4	66.5	99.7
39	38.2	31.0	46.4





#57

1,3-Dichloropropane

Concen: 54.259 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 171789

Ion Ratio Lower Upper

76 100

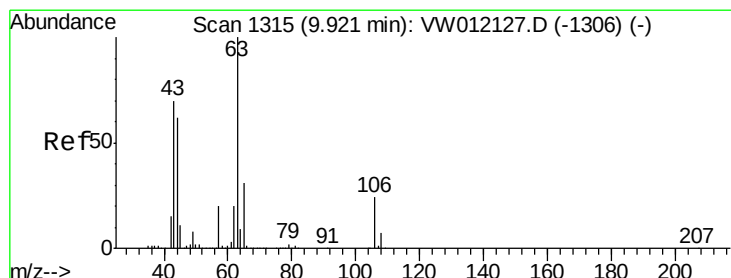
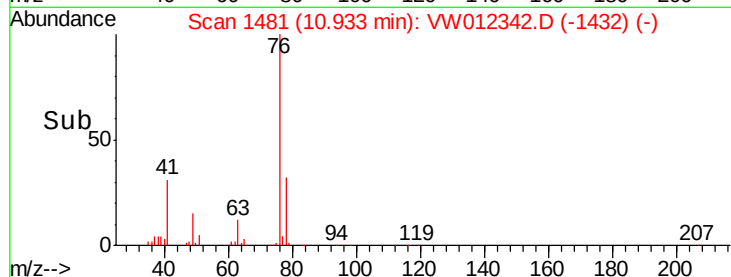
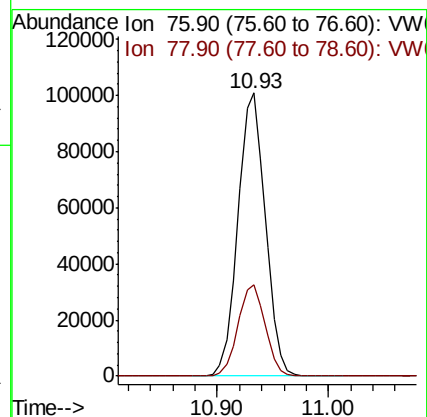
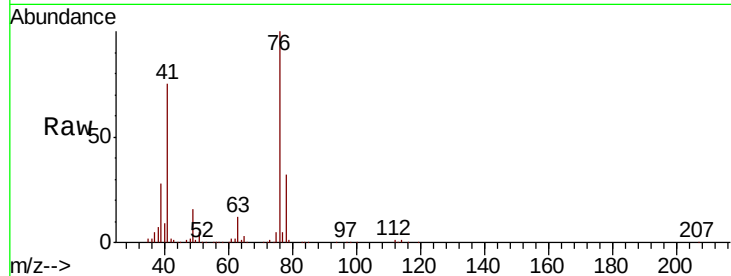
78 32.0 25.8 38.8

Manual Integrations

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8/31/2019 9:11:05 AM



#58

2-Chloroethyl Vinyl ether

Concen: 276.195 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012342.D

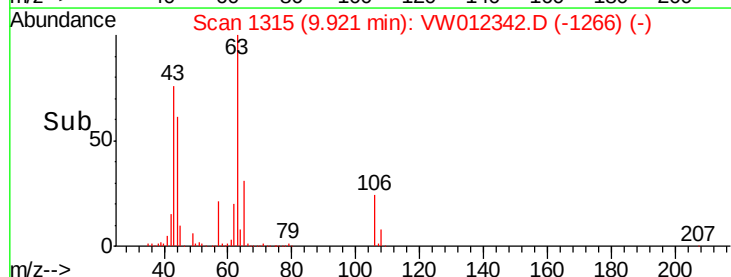
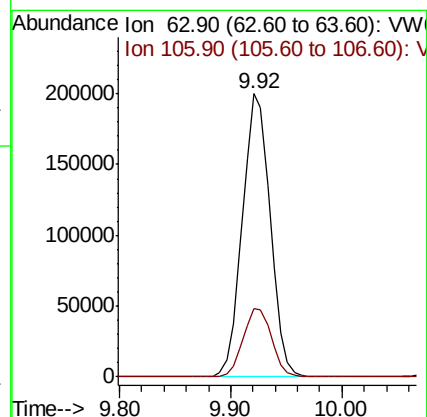
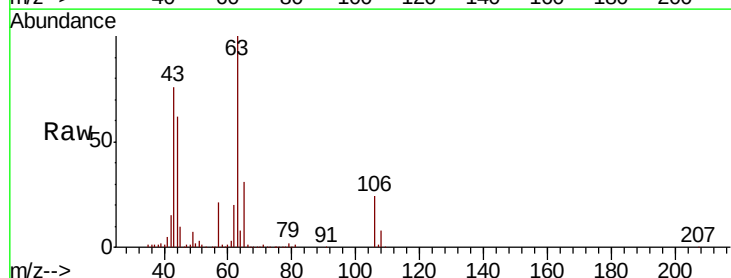
Acq: 30 Aug 2019 09:30

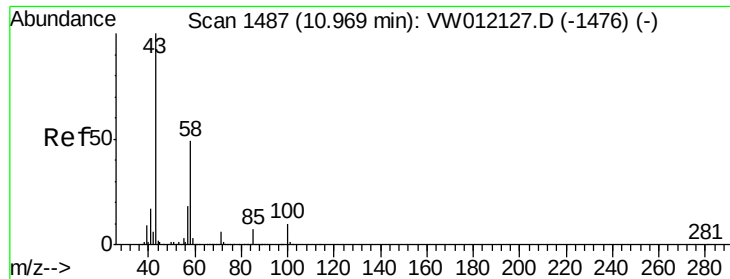
Tgt Ion: 63 Resp: 345641

Ion Ratio Lower Upper

63 100

106 24.8 19.8 29.8





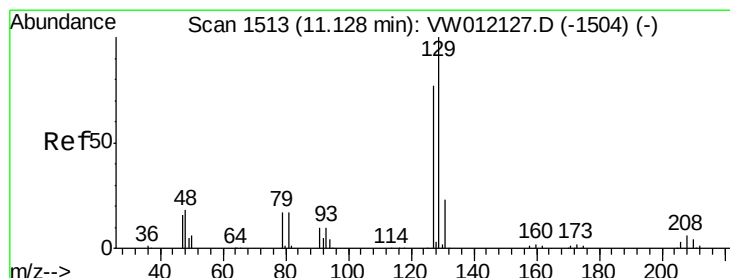
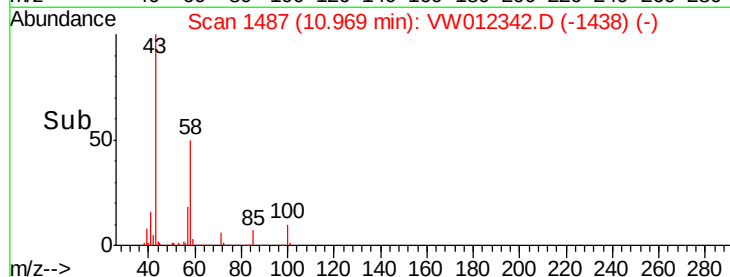
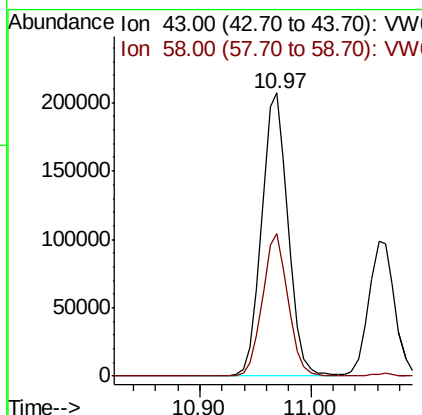
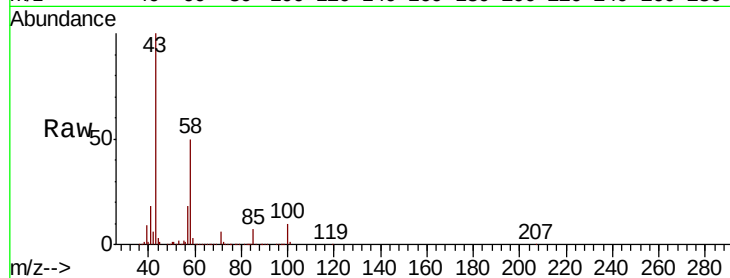
#59
2-Hexanone
Concen: 259.048 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.9	24.3	72.9

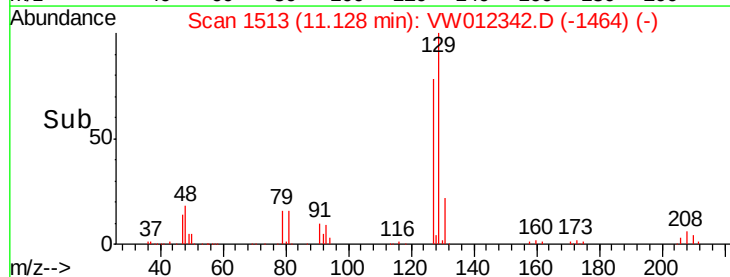
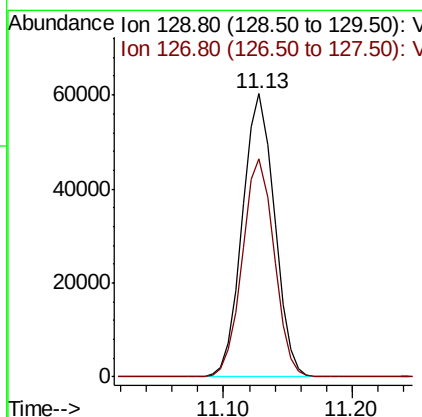
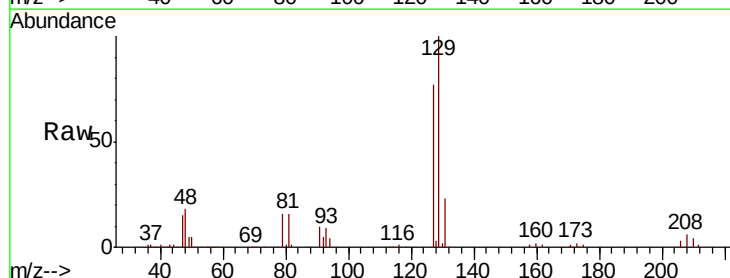
Manual Integrations
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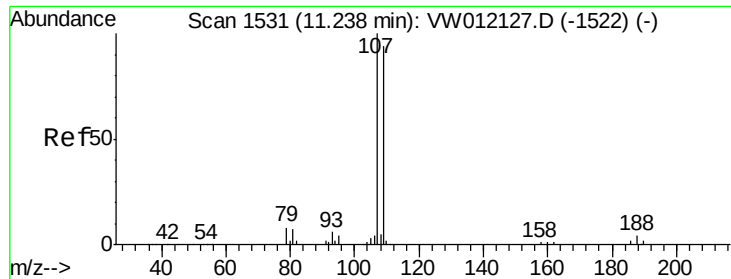
MMDadoda
8/31/2019 9:11:05 AM



#60
Dibromochloromethane
Concen: 55.632 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.8





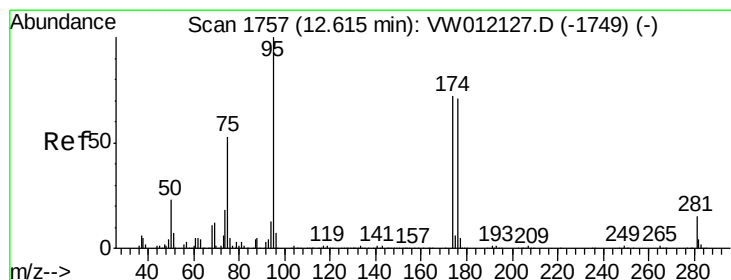
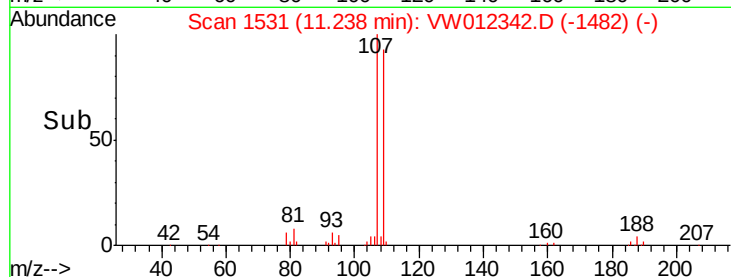
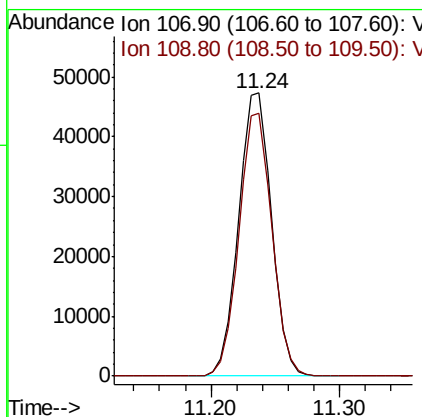
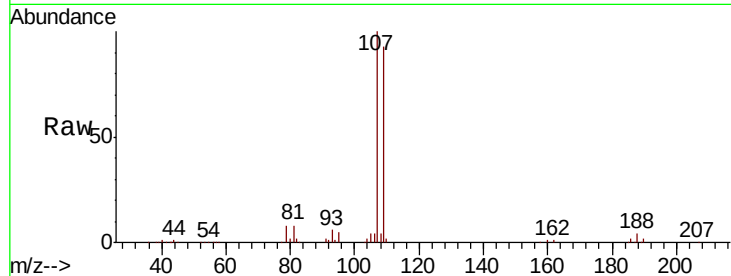
#61
 1,2-Dibromoethane
 Concen: 53.422 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.4	113.2

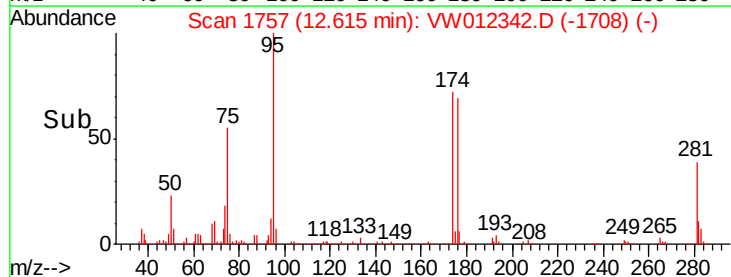
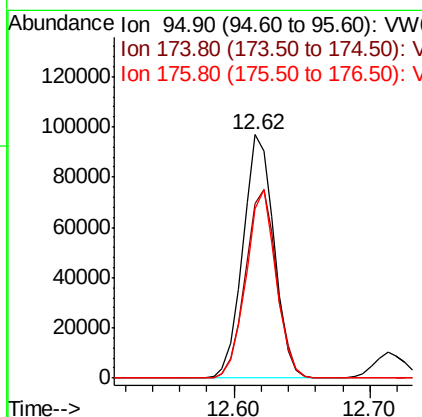
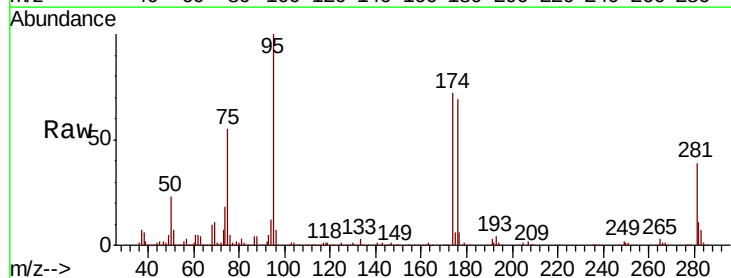
Manual Integrations
 APPROVED

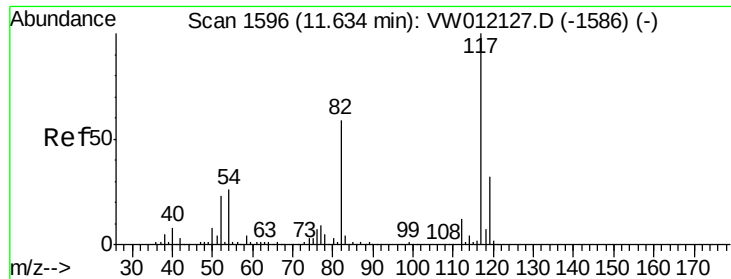
MMDadoda
 8/31/2019 9:11:05 AM



#62
 4-Bromofluorobenzene
 Concen: 51.917 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	150.8
176	74.5	0.0	148.6





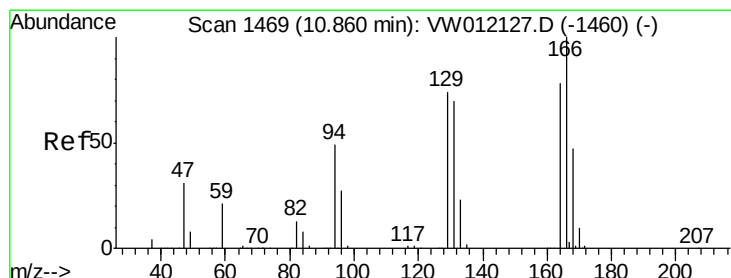
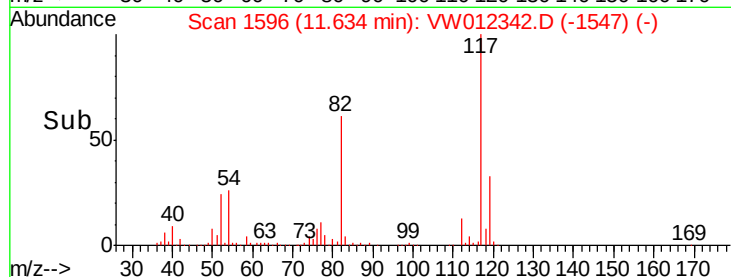
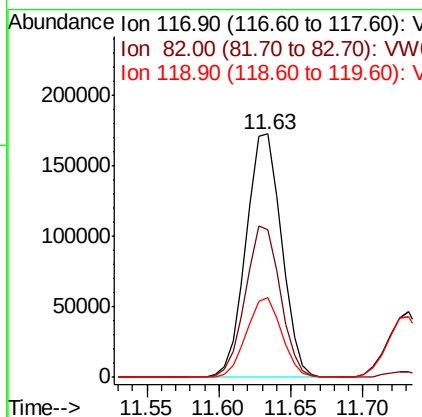
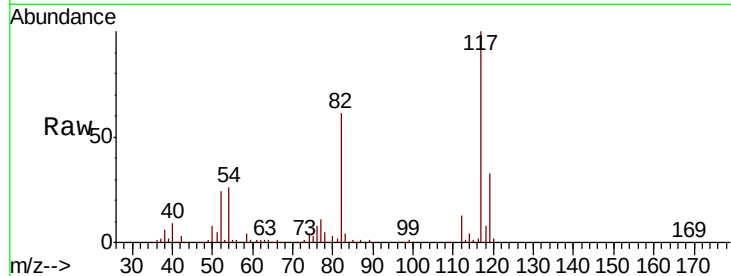
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.4	71.2
119	32.5	25.4	38.2

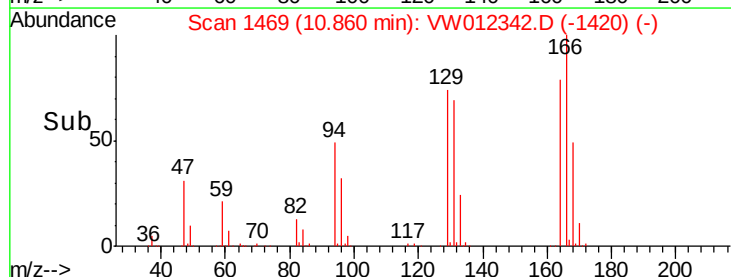
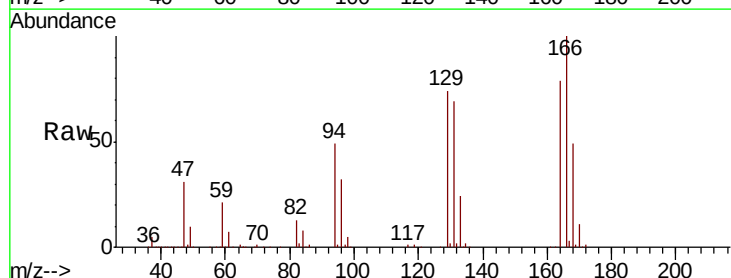
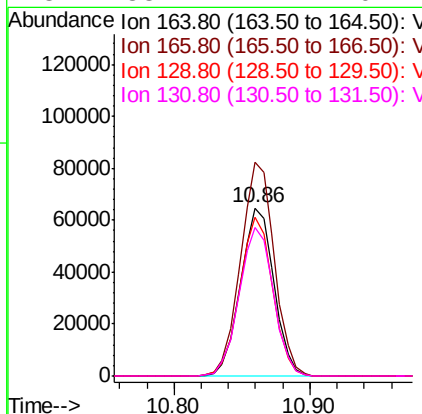
Manual Integrations
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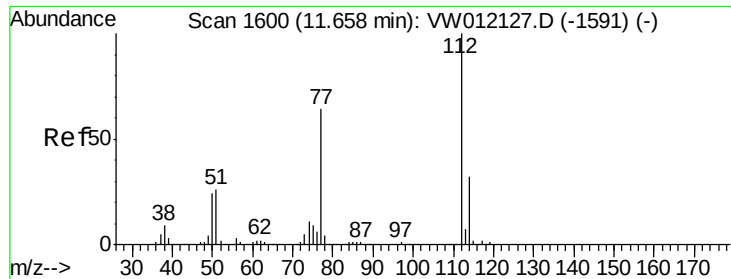
MMDadoda
8/31/2019 9:11:05 AM



#64
Tetrachloroethene
Concen: 58.236 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.4	153.6
129	94.5	75.8	113.6
131	88.2	71.4	107.2





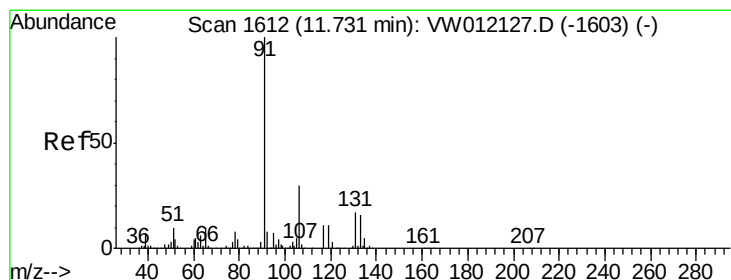
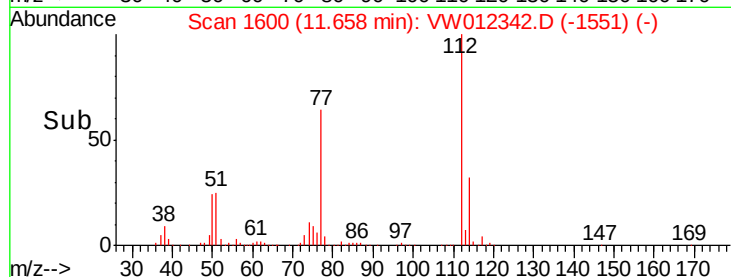
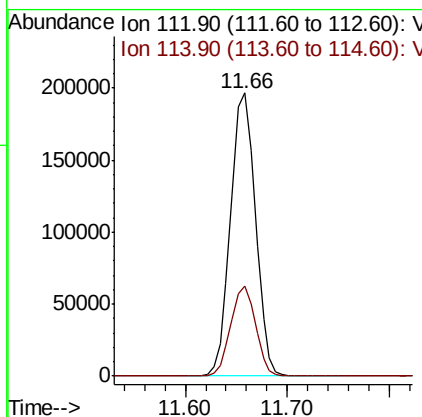
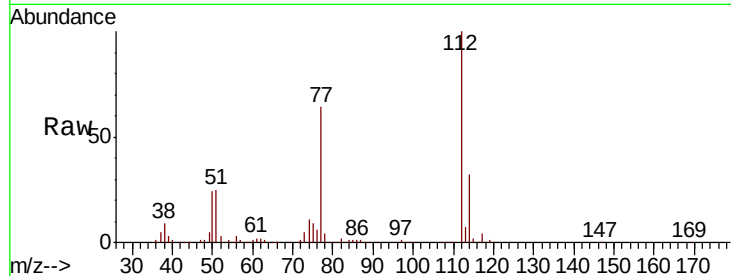
#65
Chlorobenzene
Concen: 57.222 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.8	38.6

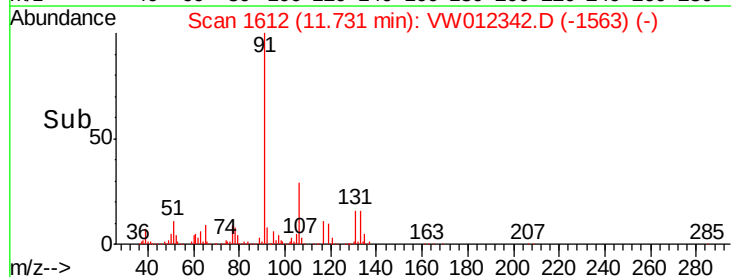
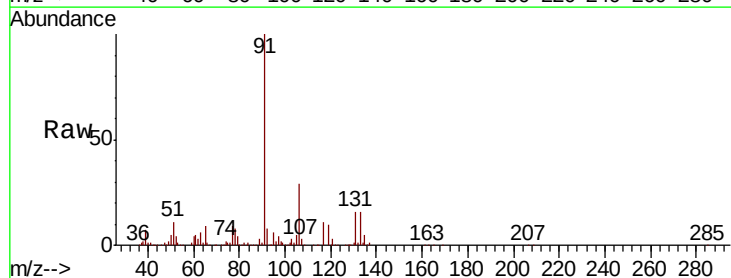
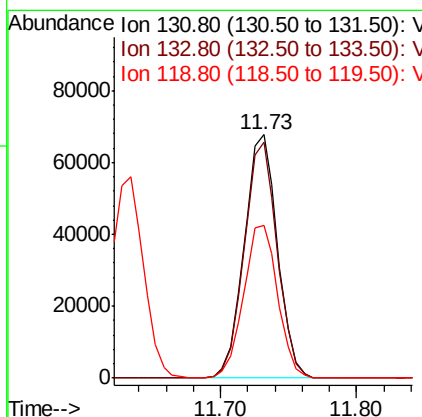
Manual Integrations
APPROVED

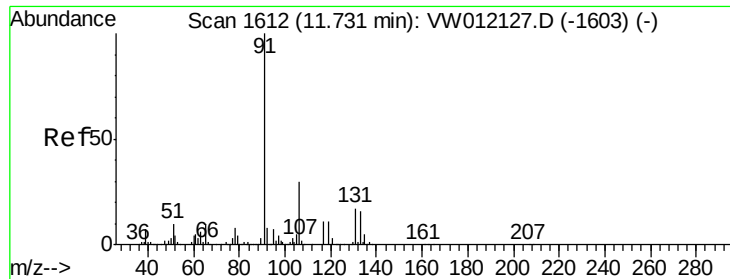
MMDadoda
8/31/2019 9:11:05 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 57.391 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.1	141.3
119	64.5	31.8	95.3





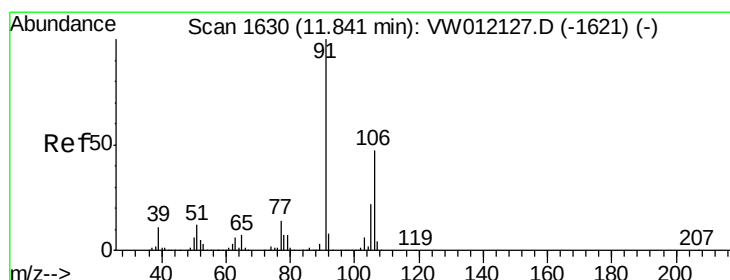
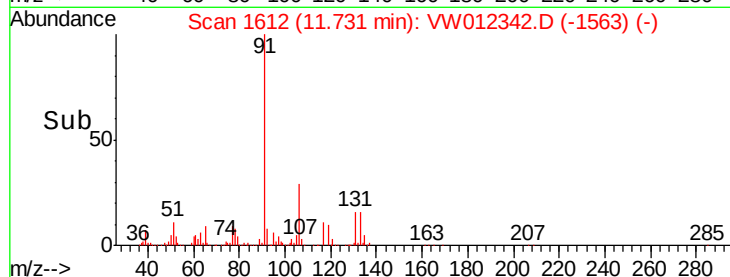
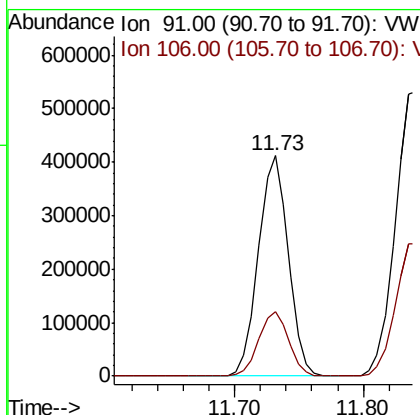
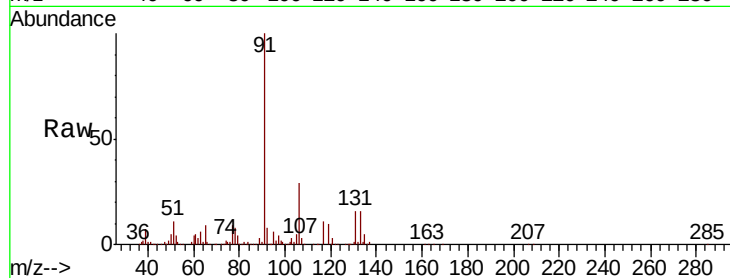
#67
Ethyl Benzene
Concen: 58.897 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	29.2	24.3	36.5	

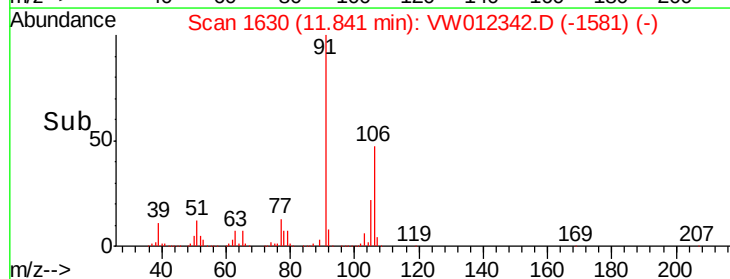
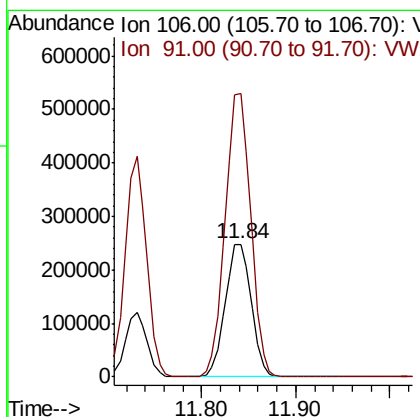
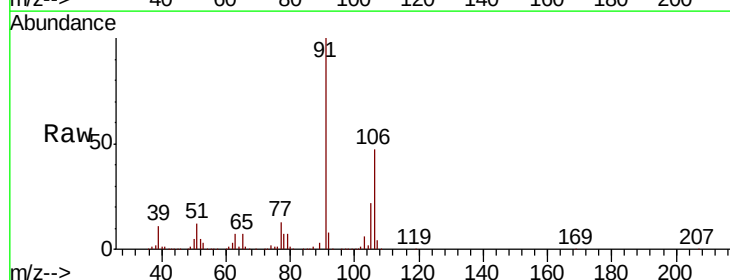
Manual Integrations
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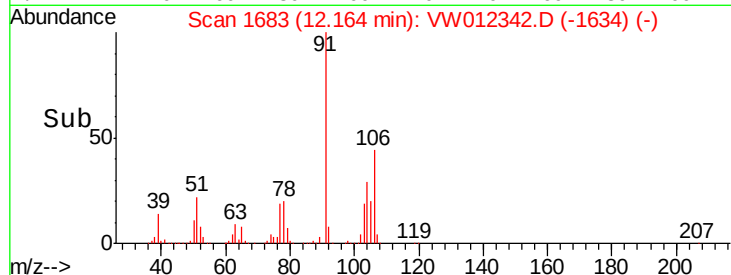
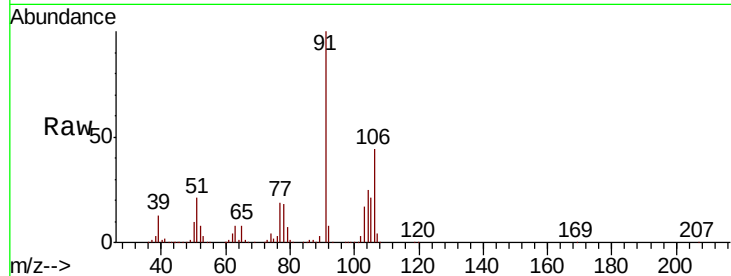
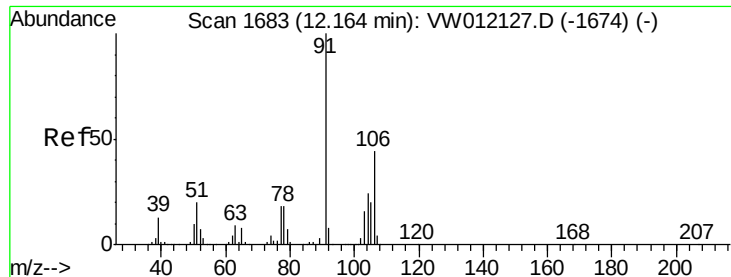
MMDadoda
8/31/2019 9:11:05 AM



#68
m/p-Xylenes
Concen: 117.875 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.9	169.5	254.3	





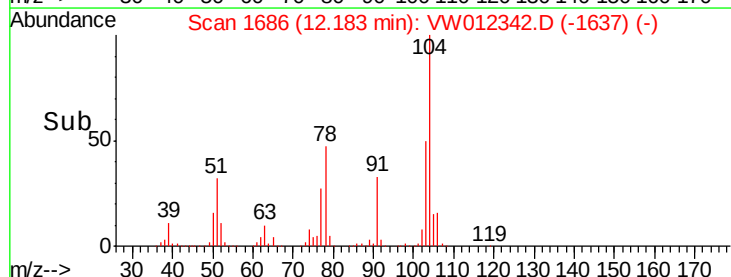
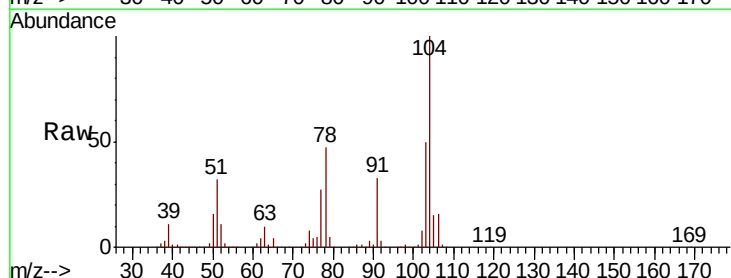
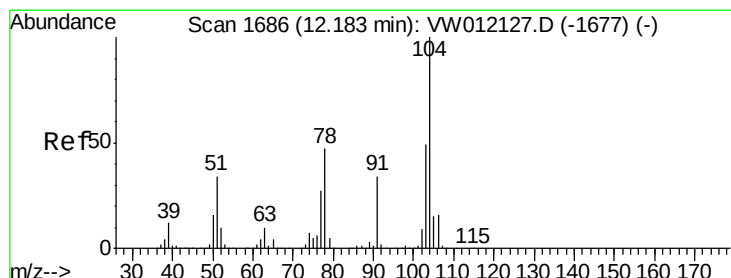
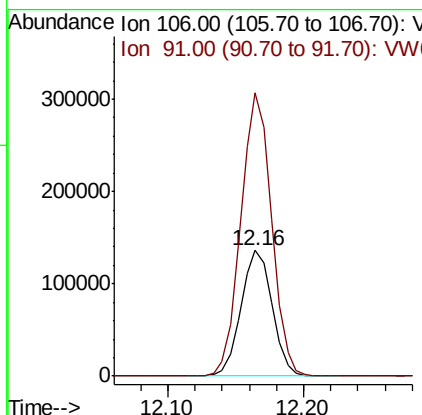
#69
o-Xylene
Concen: 58.397 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tot Ion:106 Resp: 217439
Ion Ratio Lower Upper
106 100
91 222.7 111.6 334.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

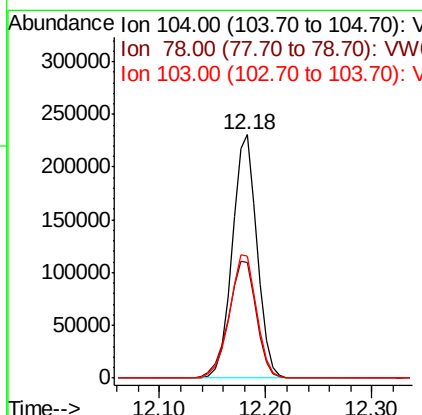
Manual Integrations
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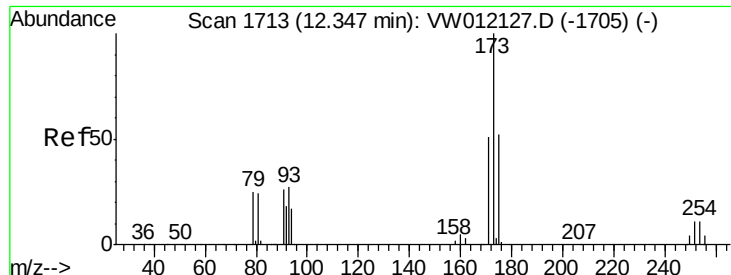
MMDadoda
8/31/2019 9:11:05 AM



#70
Styrene
Concen: 58.085 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion:104 Resp: 374358
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.5 43.5 65.3





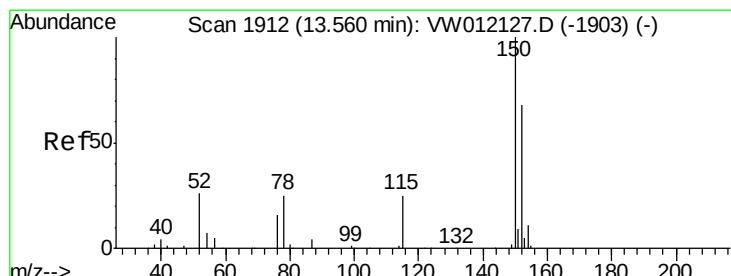
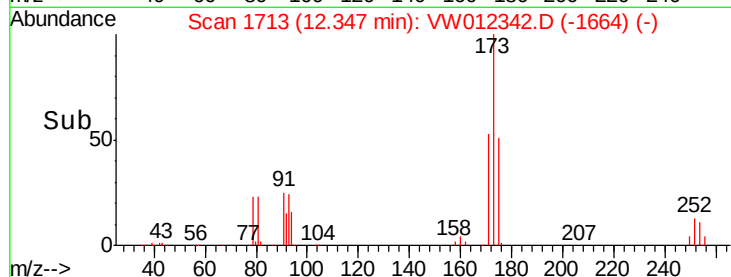
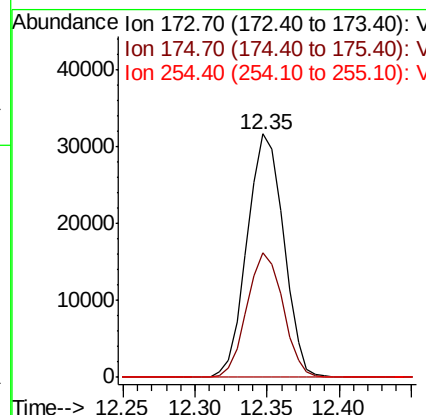
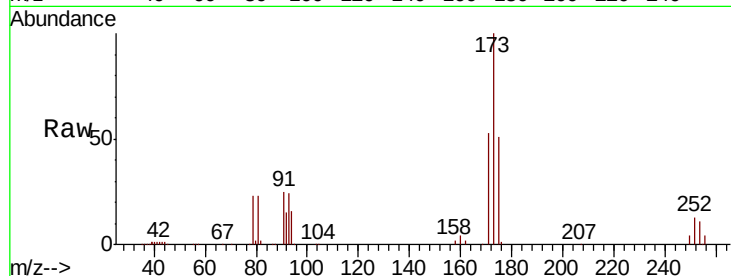
#71
Bromoform
Concen: 55.099 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.6	74.0
254	0.2	0.2	0.2

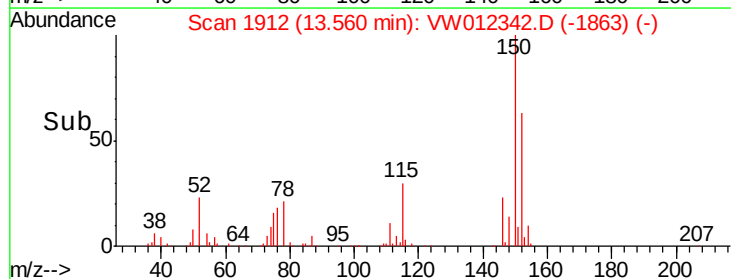
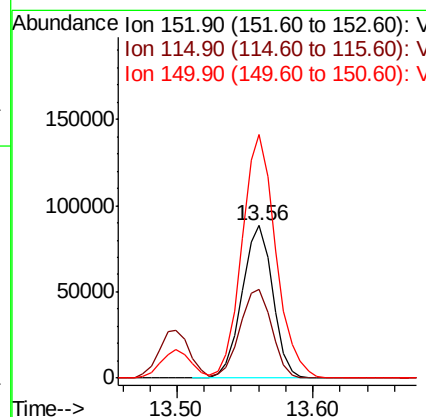
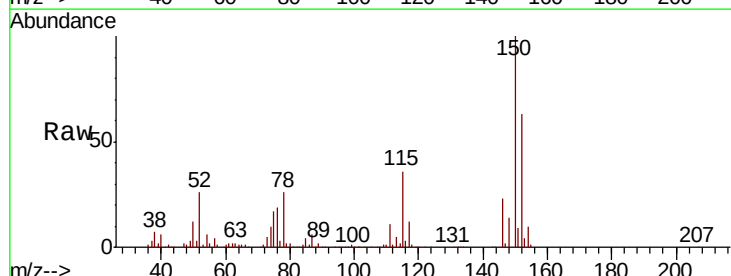
Manual Integrations
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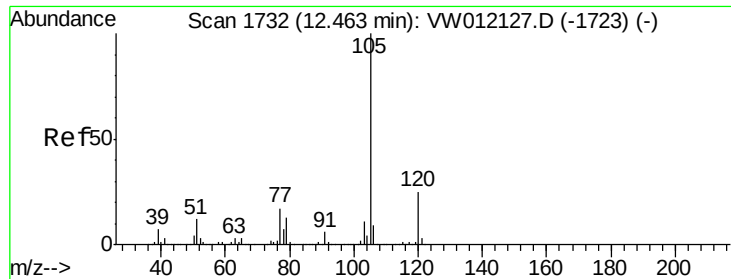
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.1	90.3
150	175.3	0.0	345.8





#73

Isopropylbenzene

Concen: 59.389 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 622505

Ion Ratio Lower Upper

105 100

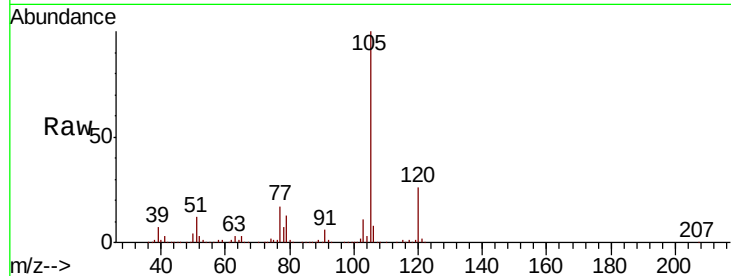
120 25.6 12.5 37.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

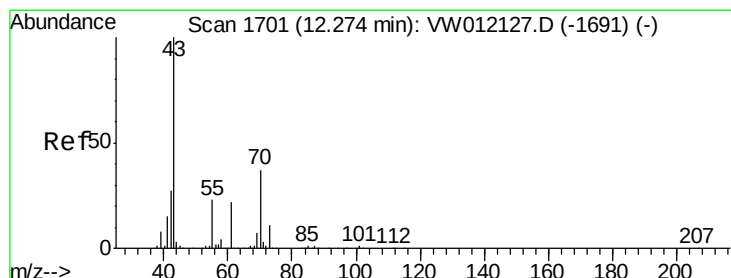
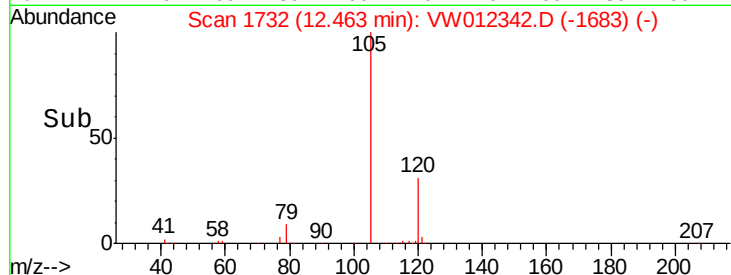
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 54.176 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion: 43 Resp: 171569

Ion Ratio Lower Upper

43 100

70 36.4 28.6 43.0

55 22.3 17.8 26.6

61 21.7 17.3 25.9

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

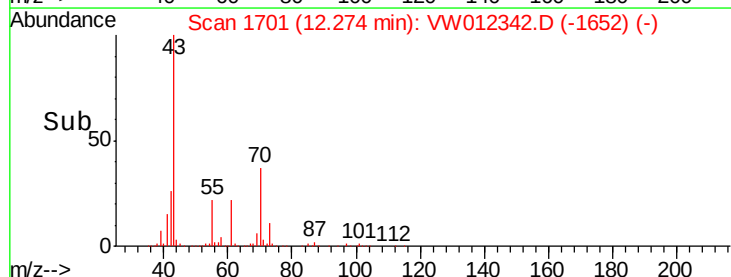
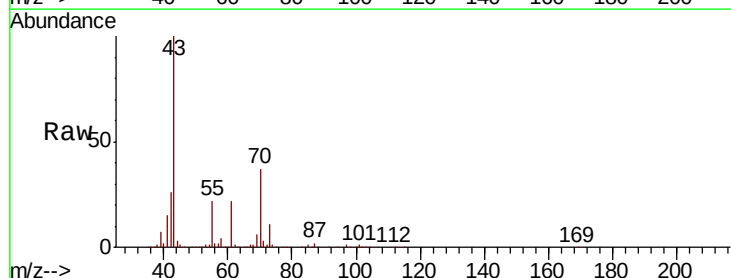
150000

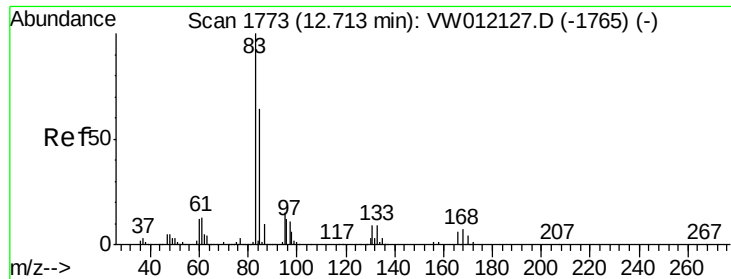
100000

50000

0

Time-->





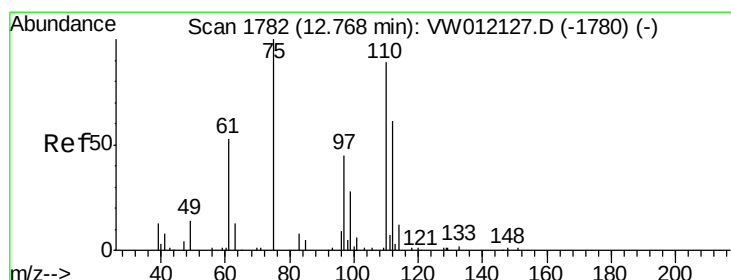
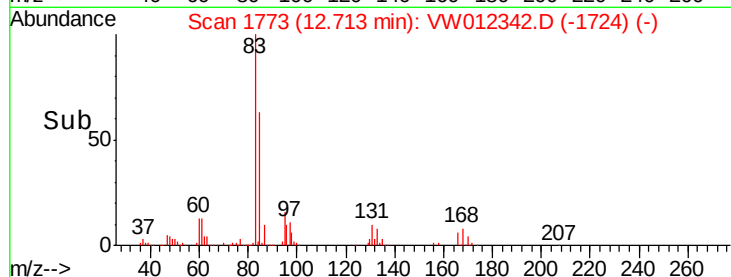
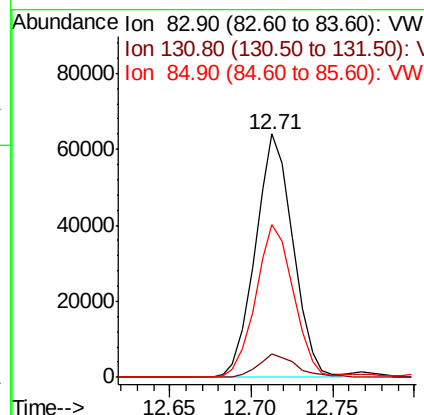
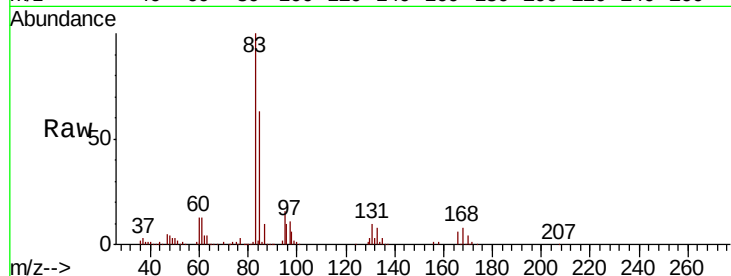
#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.360 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.0	4.9	14.7	
85	63.0	31.9	95.7	

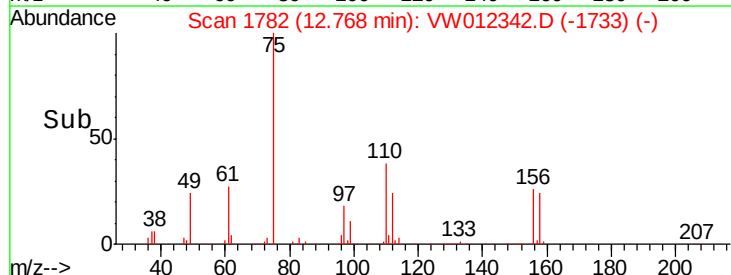
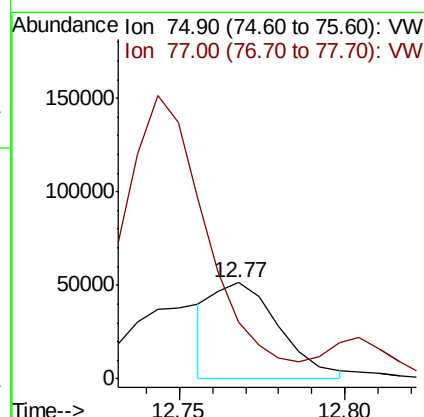
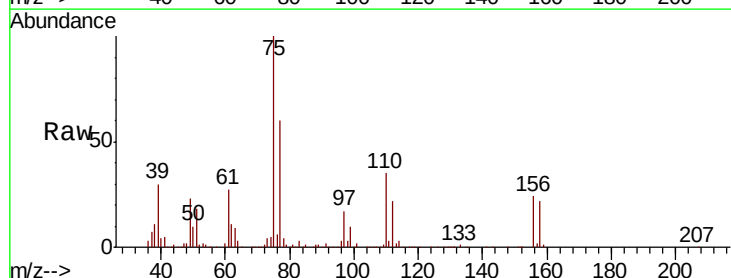
Manual Integrations
 APPROVED

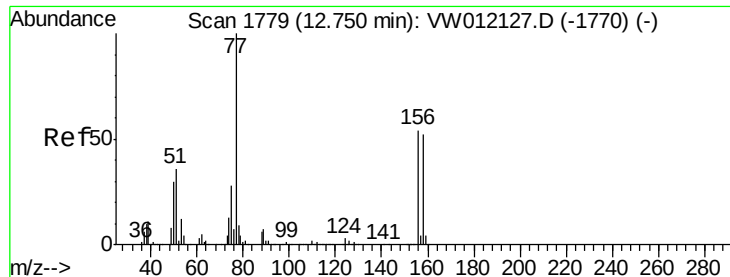
MMDadoda
 8/31/2019 9:11:05 AM



#76
 1,2,3-Trichloropropane
 Concen: 52.329 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

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





#77

Bromobenzene

Concen: 57.401 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

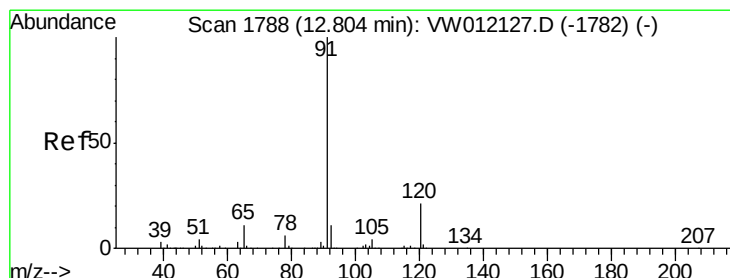
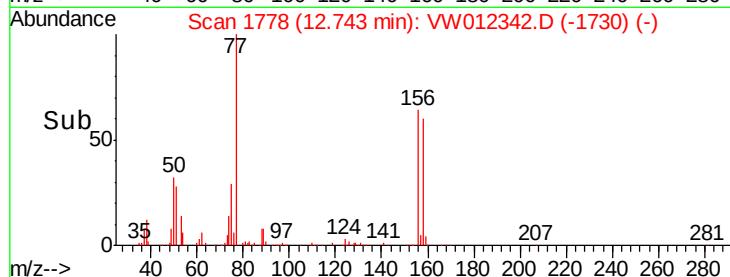
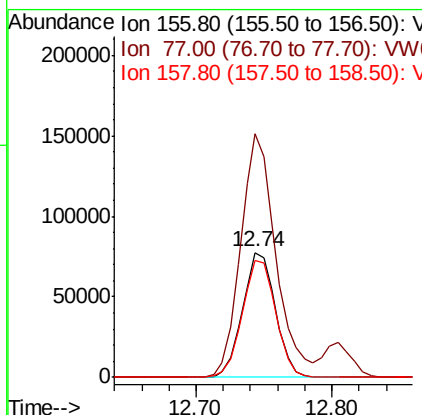
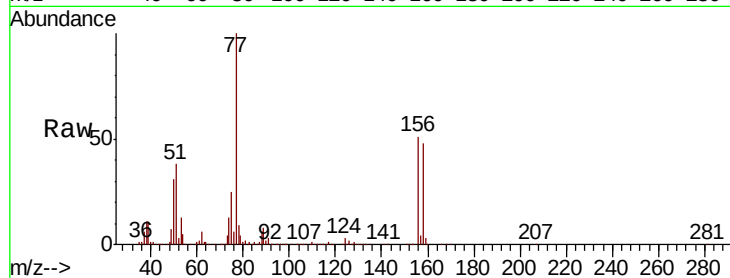
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	130165
Ion Ratio	Lower	Upper	
156	100		
77	209.3	107.3	321.8
158	95.8	49.0	147.0

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#78

n-propylbenzene

Concen: 59.232 ug/l

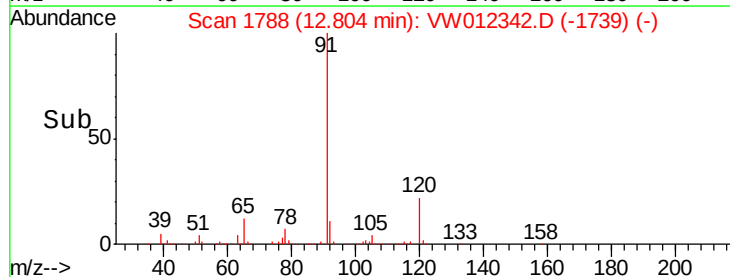
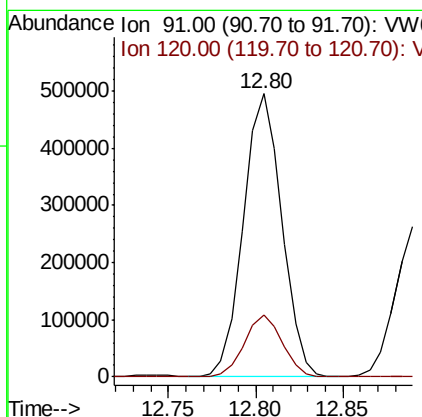
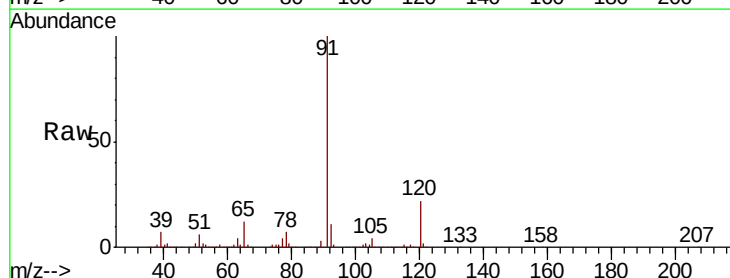
RT: 12.80 min Scan# 1788

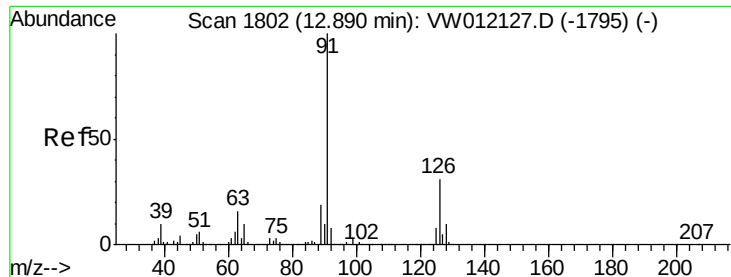
Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion:	91	Resp:	757949
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.5	31.6





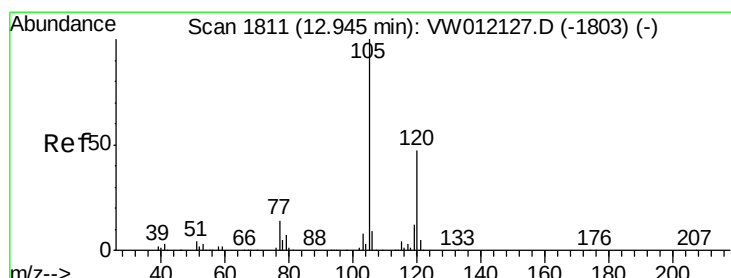
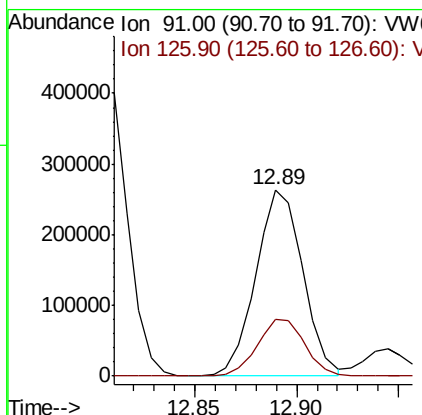
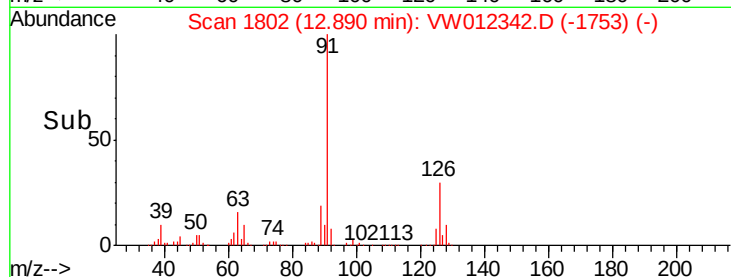
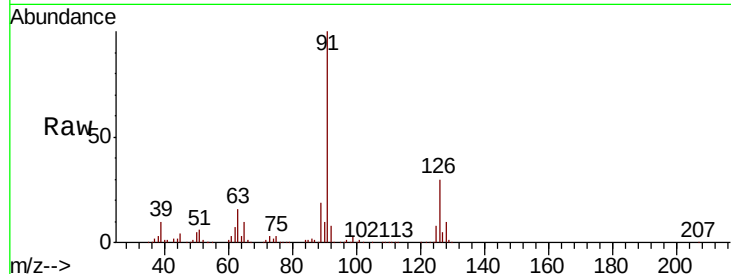
#79
 2-Chlorotoluene
 Concen: 58.225 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 423002
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.7 47.0

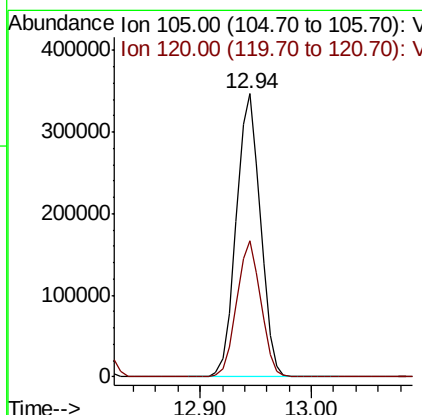
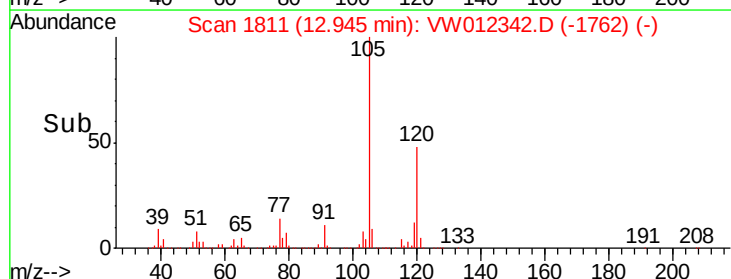
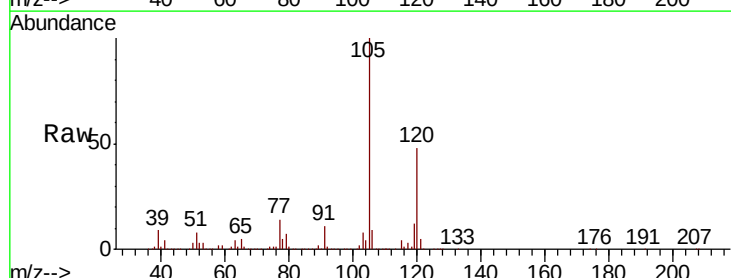
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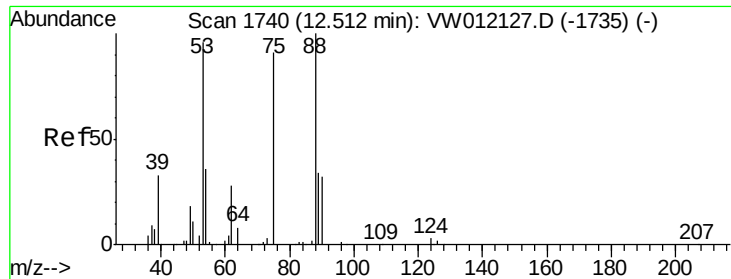
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 59.284 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion: 105 Resp: 519246
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.504 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

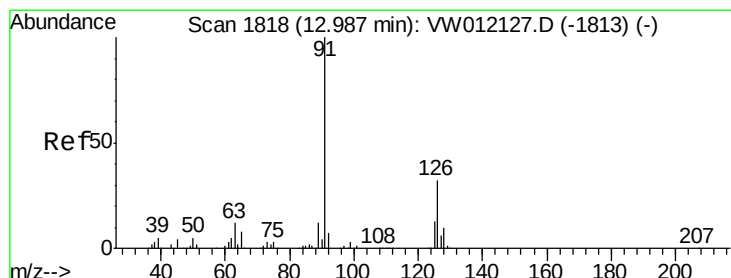
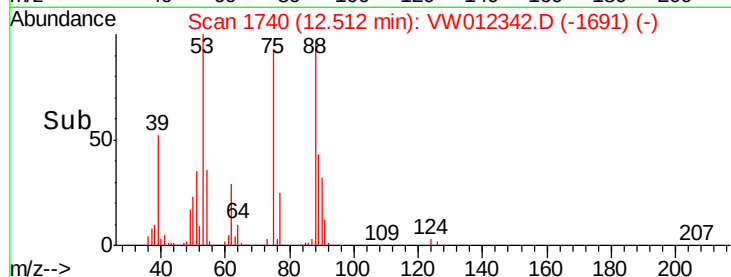
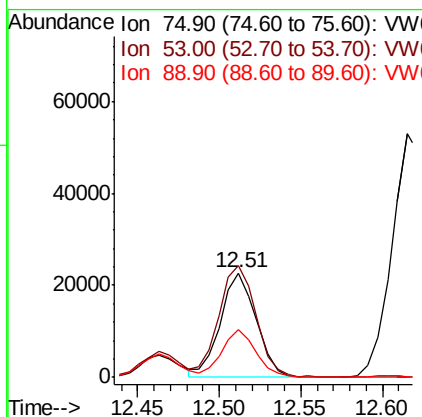
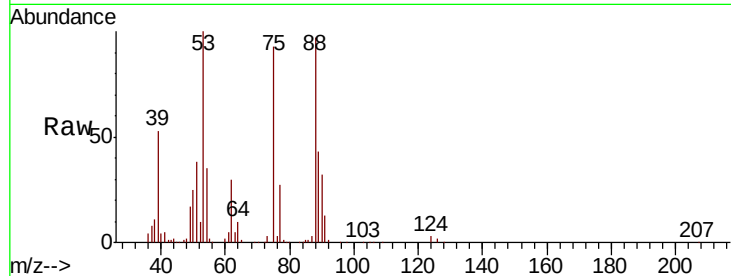
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	34489
Ion	Ratio	Lower	Upper
75	100		
53	112.0	89.4	134.0
89	44.0	34.5	51.7

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#82

4-Chlorotoluene

Concen: 58.305 ug/l

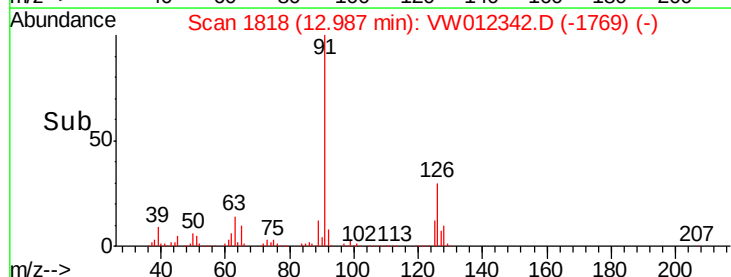
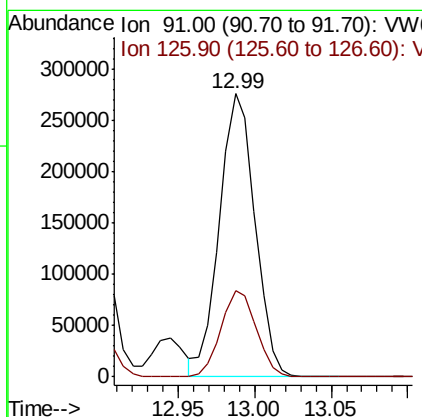
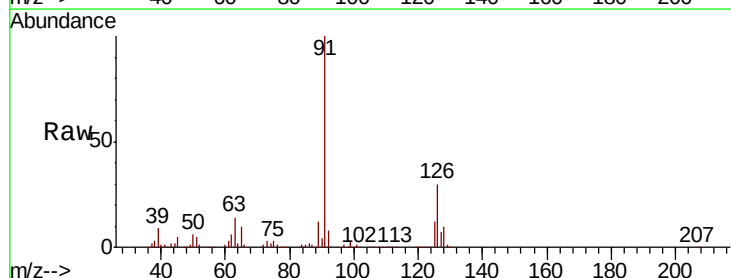
RT: 12.99 min Scan# 1818

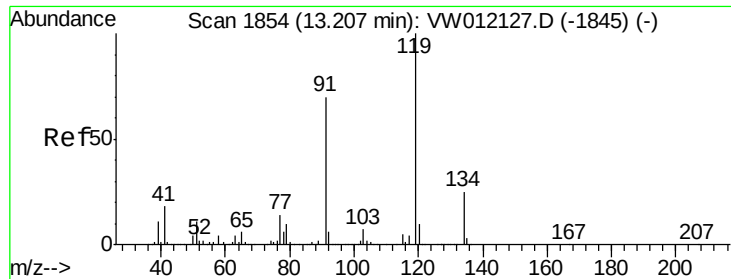
Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion:	91	Resp:	443520
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





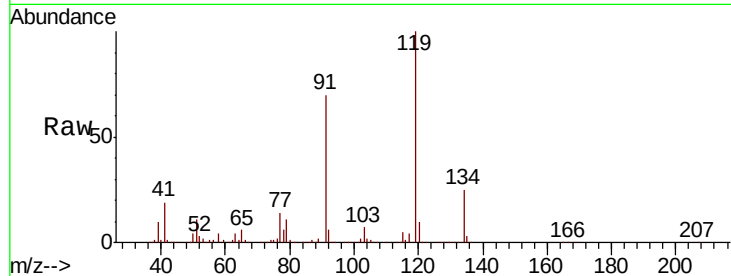
#83
tert-Butylbenzene
Concen: 59.720 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

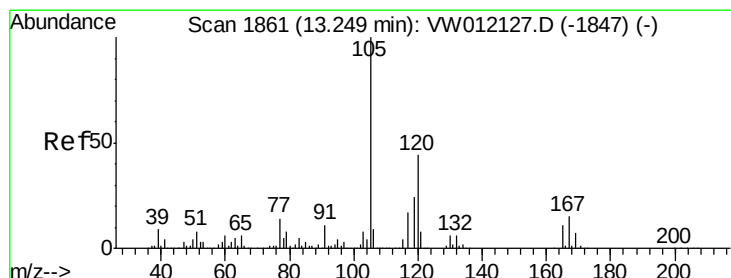
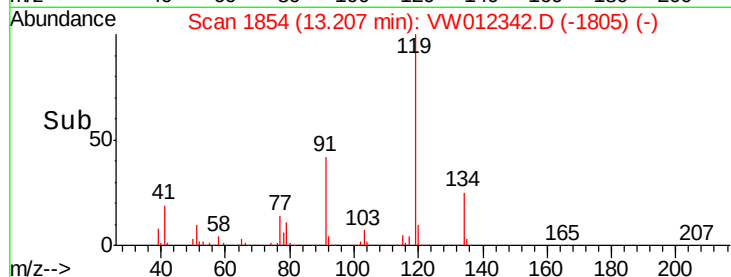
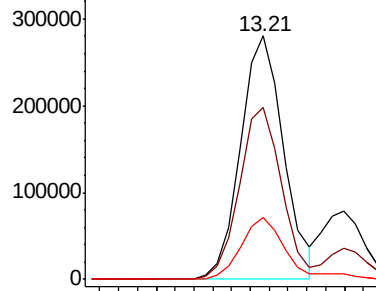
Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	34.8	104.3
134	26.6	13.3	39.8

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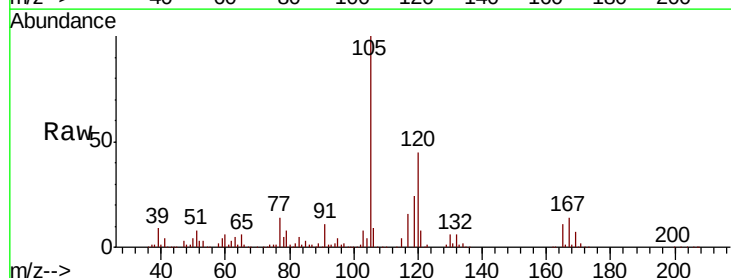


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

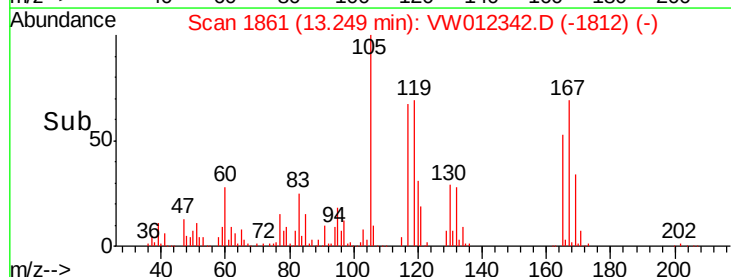
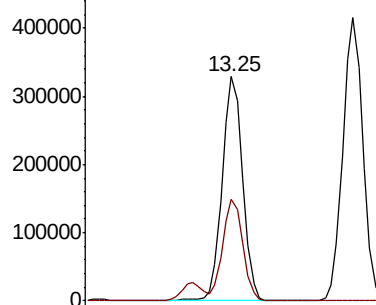


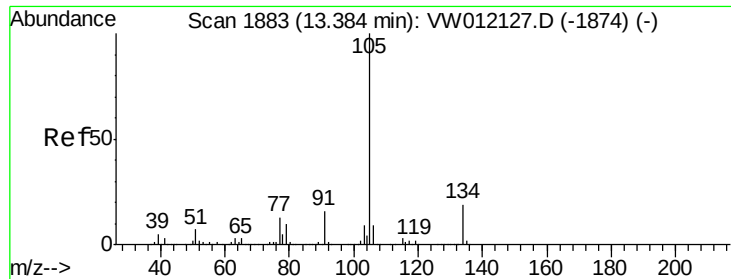
#84
1,2,4-Trimethylbenzene
Concen: 58.302 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.9	65.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





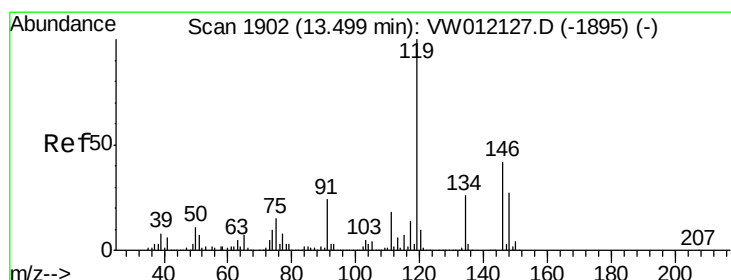
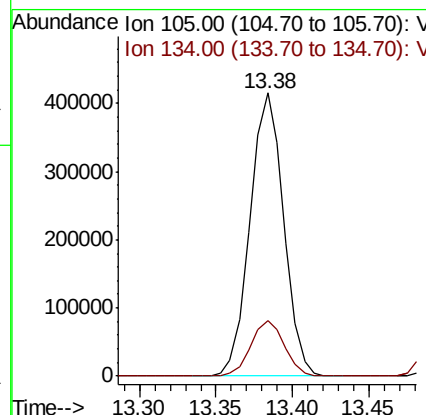
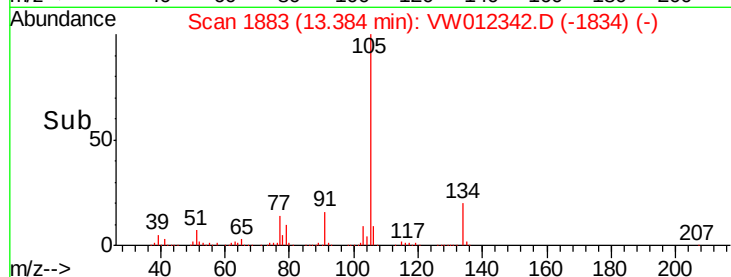
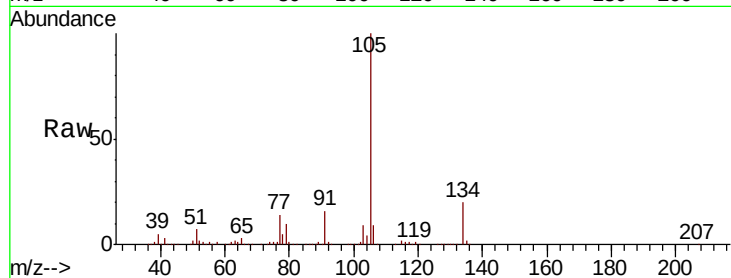
#85
 sec-Butylbenzene
 Concen: 59.673 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

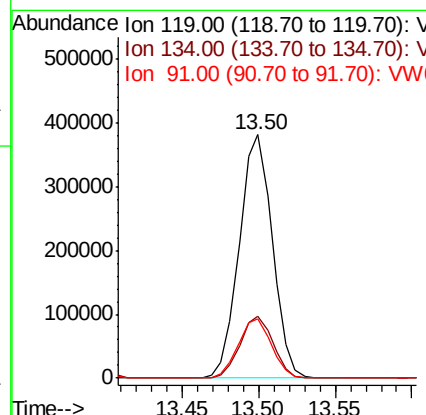
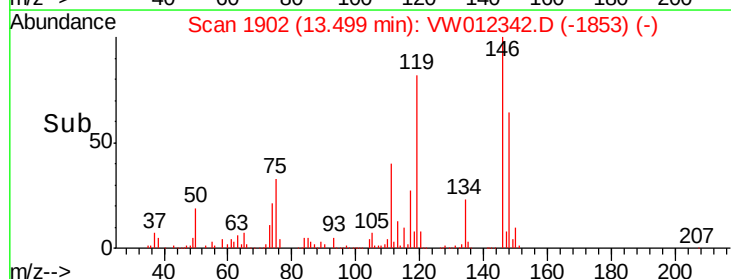
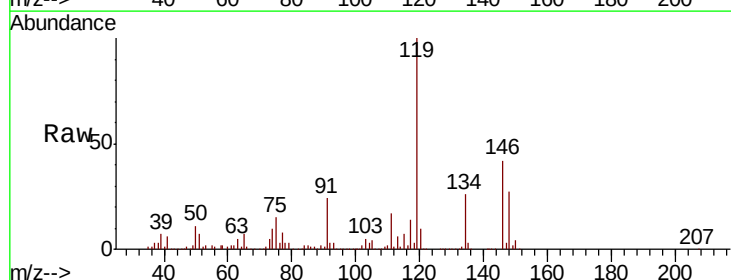
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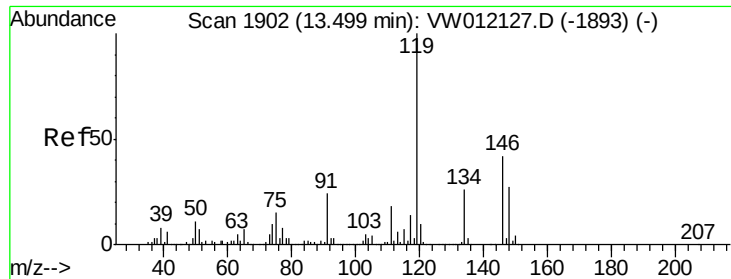
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#86
 p-Isopropyltoluene
 Concen: 60.116 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.3
91	24.5	12.3	36.9





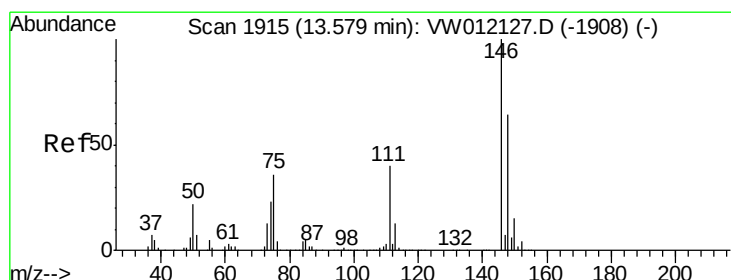
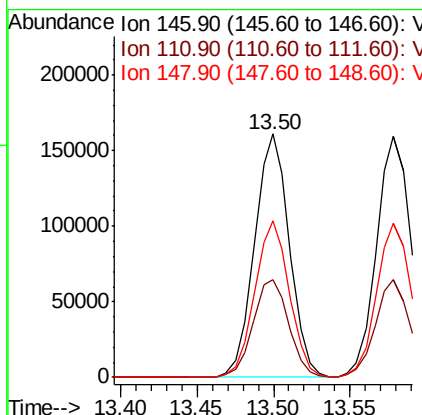
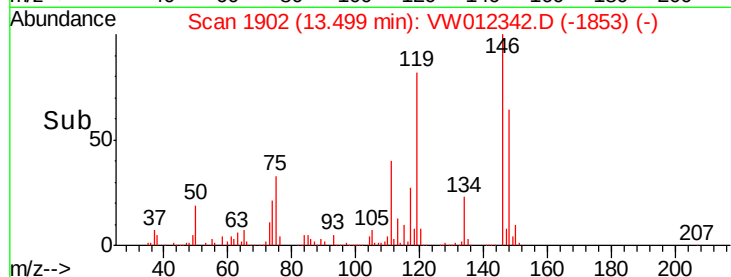
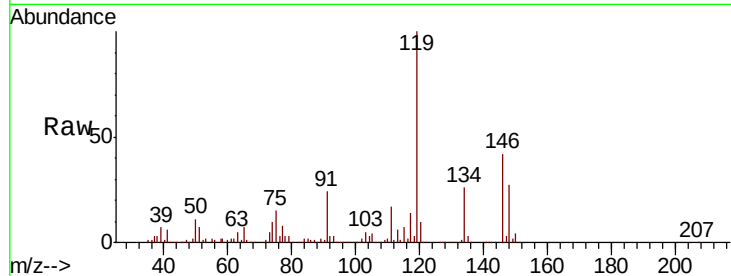
#87
 1,3-Dichlorobenzene
 Concen: 57.416 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.7
148	63.7	32.2	96.6

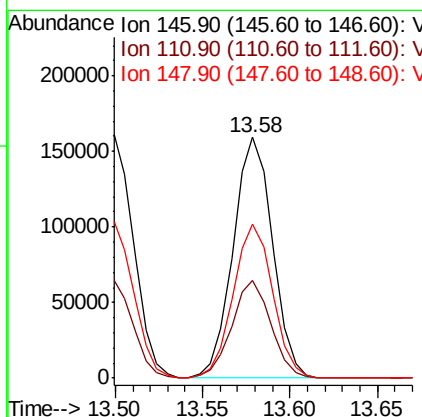
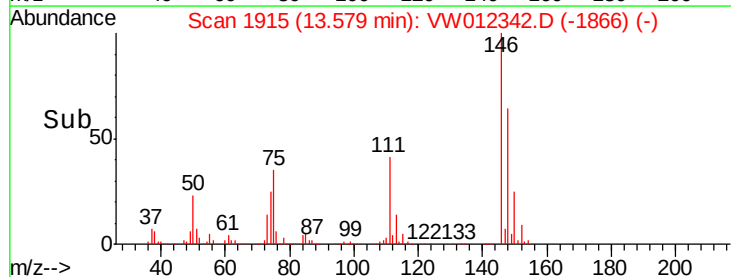
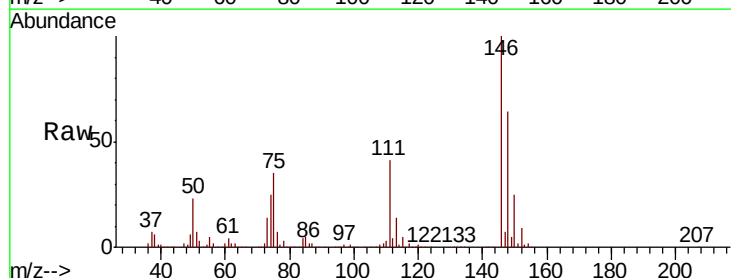
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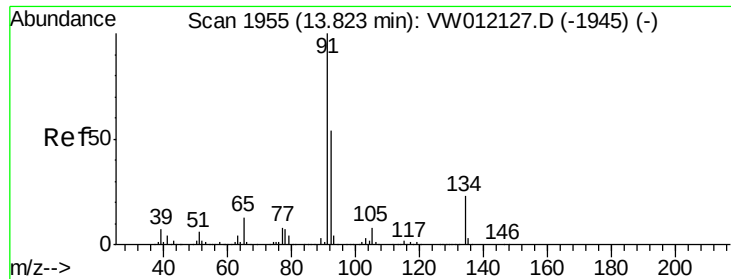
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#88
 1,4-Dichlorobenzene
 Concen: 56.601 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	60.0
148	64.3	32.1	96.3





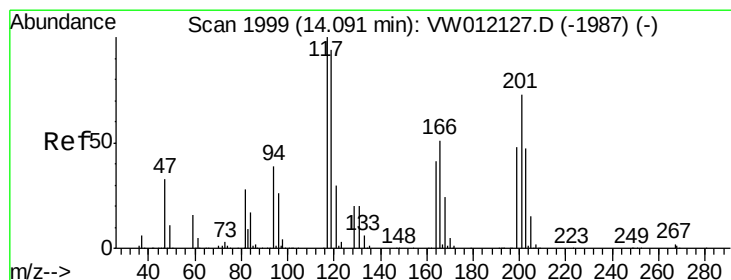
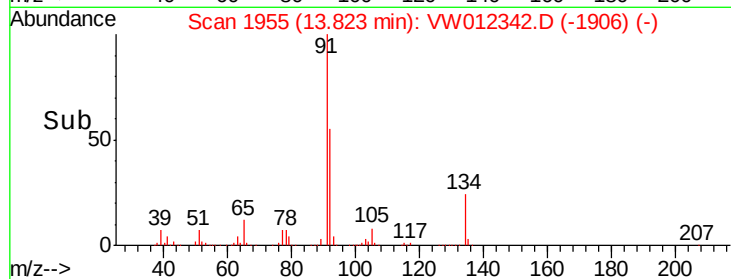
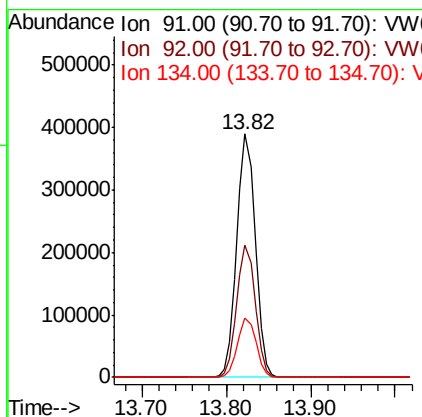
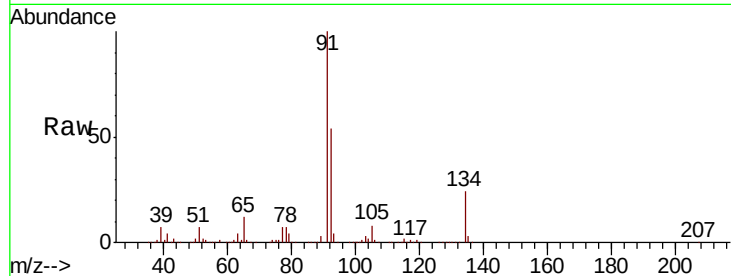
#89
n-Butylbenzene
Concen: 60.541 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.2
134	24.5	12.2	36.4

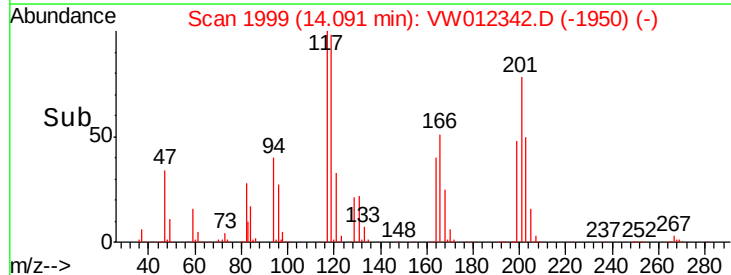
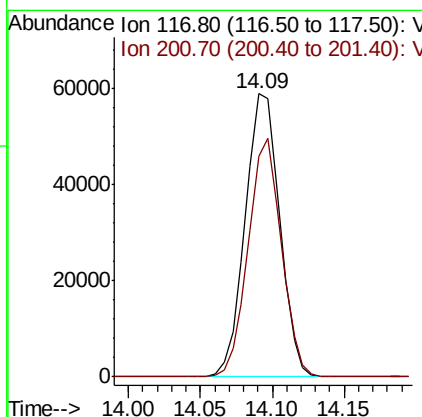
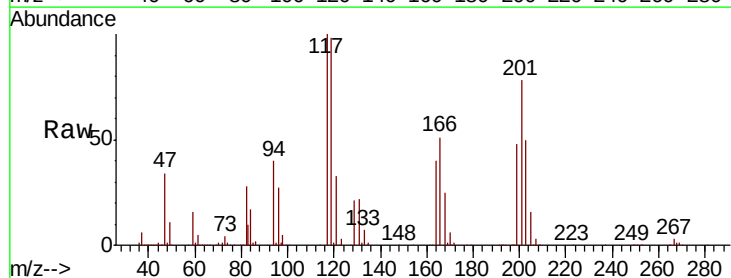
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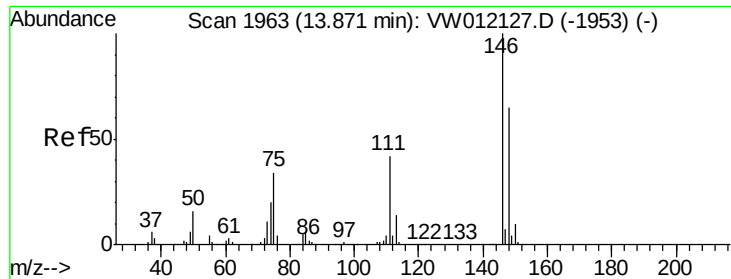
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#90
Hexachloroethane
Concen: 58.664 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	38.6	115.7





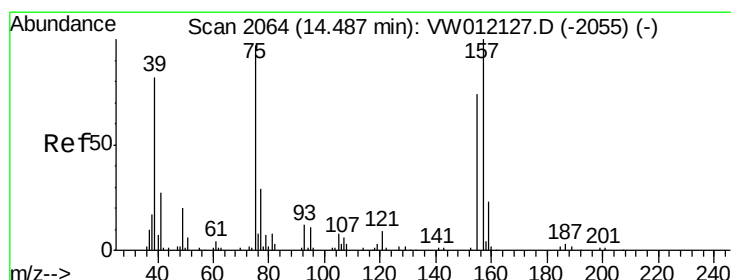
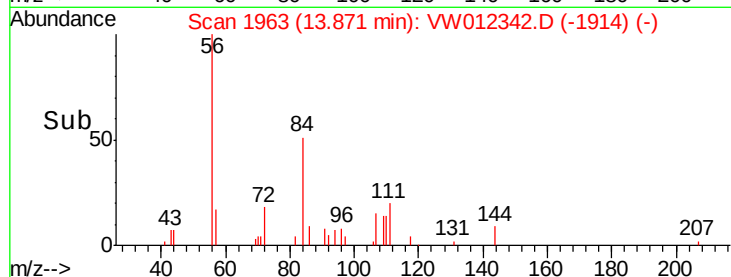
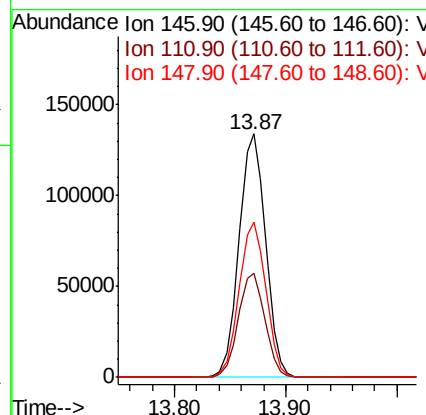
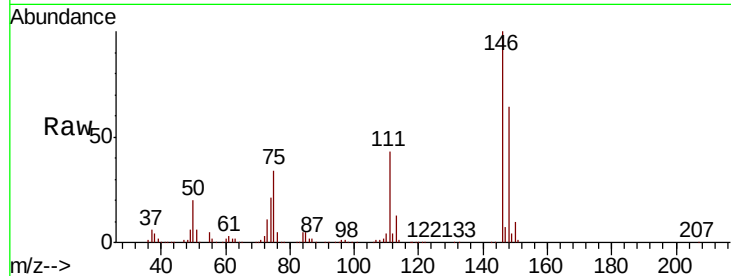
#91
 1,2-Dichlorobenzene
 Concen: 56.781 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	64.2	32.5	97.4

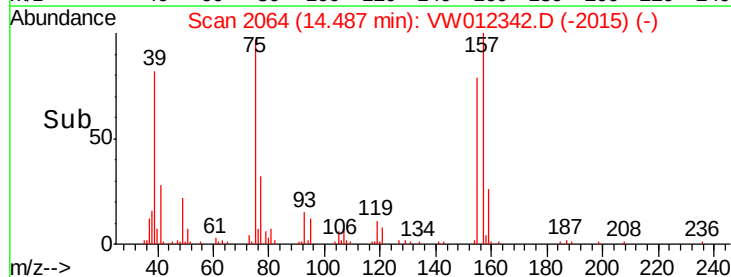
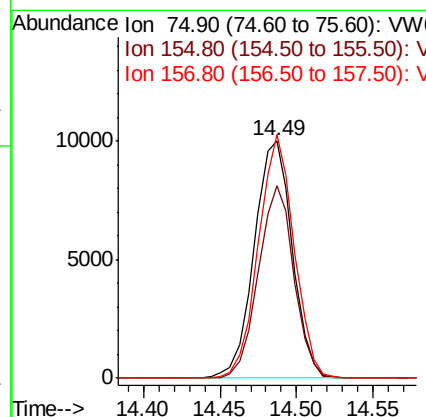
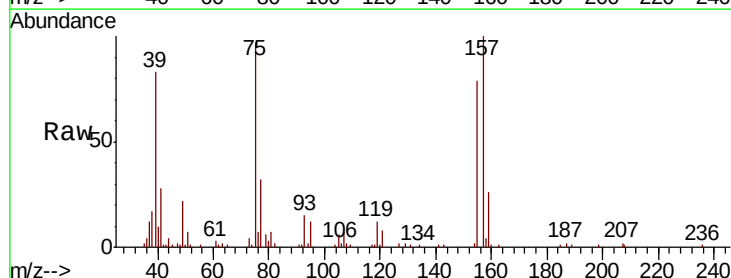
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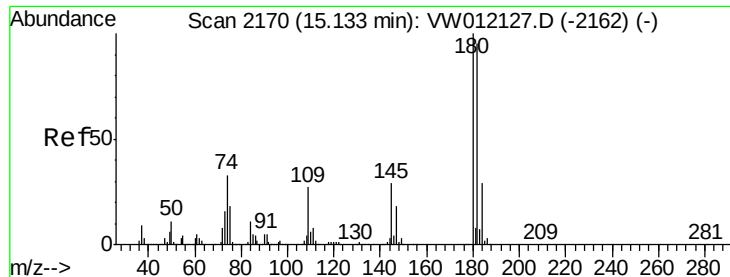
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.239 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	37.5	112.3
157	96.6	50.5	151.5





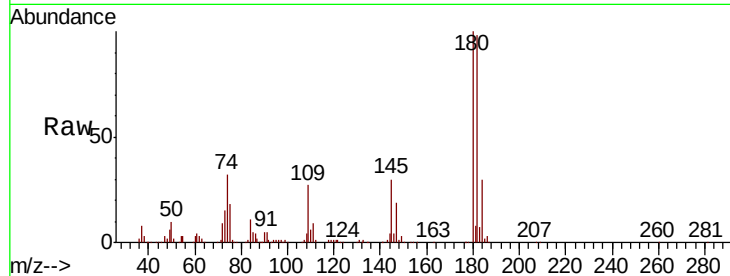
#93
 1,2,4-Trichlorobenzene
 Concen: 60.214 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	161912		
182	95.3	47.8	143.4	
145	30.3	15.0	45.1	

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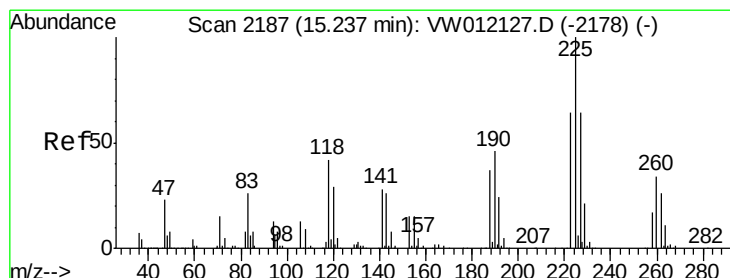
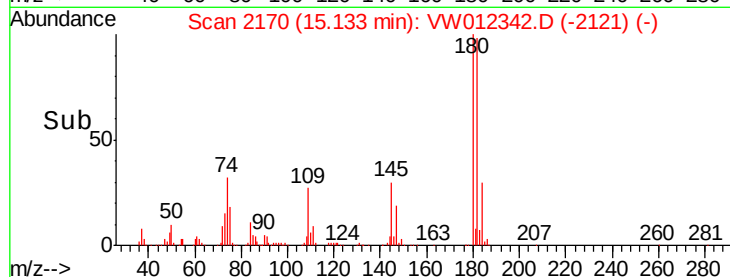
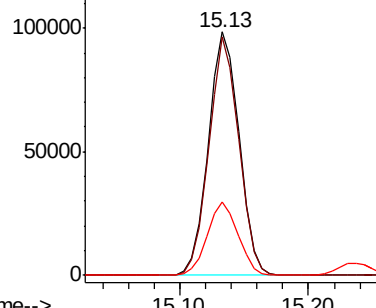


Abundance

Ion 179.80 (179.50 to 180.50): V

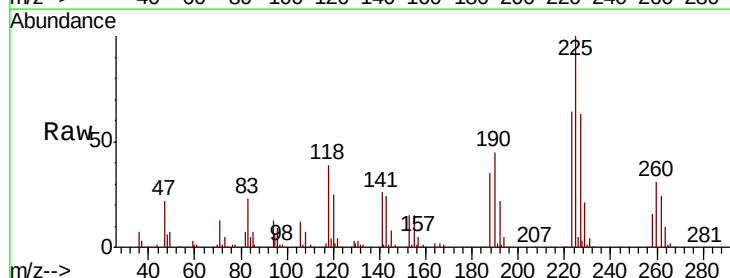
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 61.547 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109277		
223	64.1	32.3	96.8	
227	63.3	32.9	98.6	

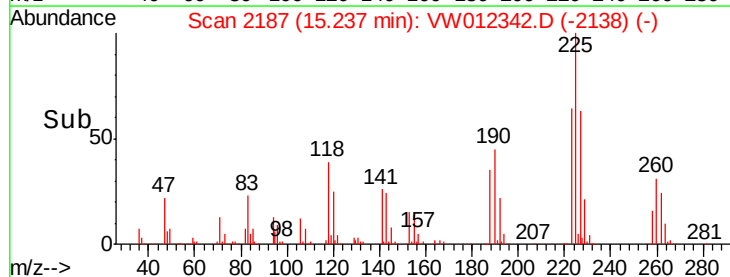
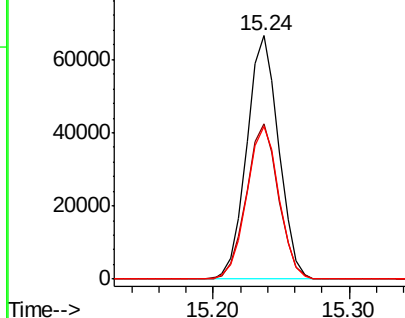


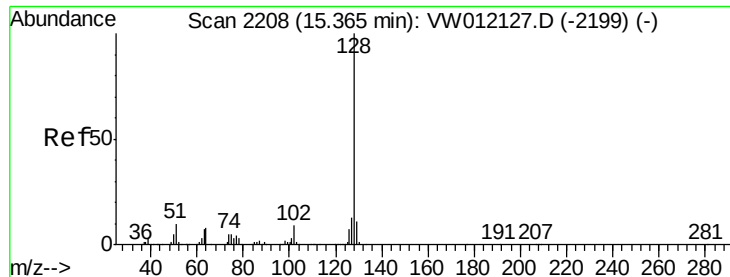
Abundance

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





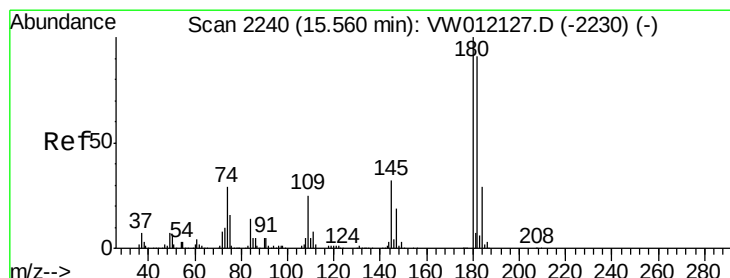
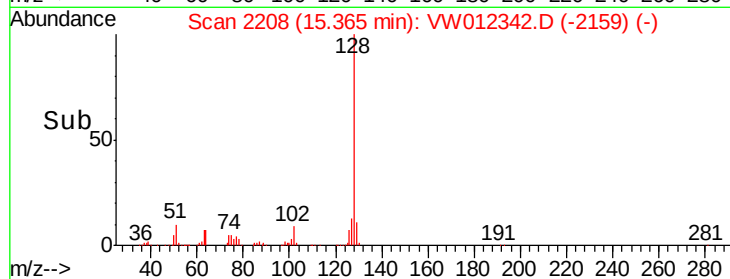
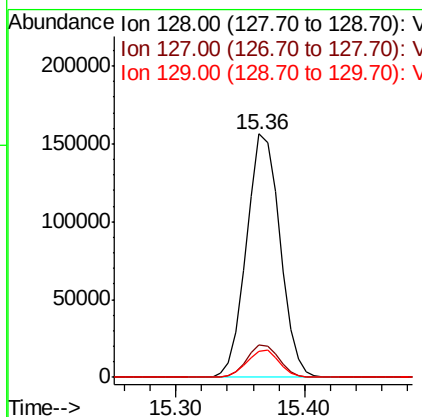
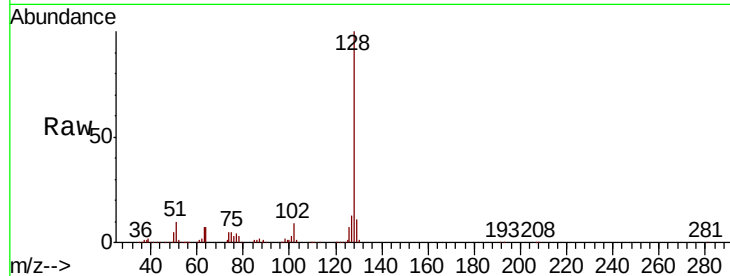
#95
Naphthalene
Concen: 52.948 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	280849		
127	13.1		10.7	16.1
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/31/2019 9:11:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 59.537 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	139675		
182	95.5		47.1	141.3
145	31.9		16.2	48.5

