

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012607.D
 Acq On : 04 Sep 2019 22:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/7/2019 12:46:28 AM

Quant Time: Sep 05 07:24:54 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	204672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	144069	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	133381	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	7.88	113	103218	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	10.32	98	391436	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	145223	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	60776	48.226	ug/l	98
3) Chloromethane	2.21	50	92844	47.552	ug/l	98
4) Vinyl Chloride	2.36	62	102053	42.704	ug/l	97
5) Bromomethane	2.76	94	59834	49.438	ug/l	97
6) Chloroethane	2.90	64	64452	47.809	ug/l	95
7) Trichlorofluoromethane	3.25	101	64372	53.645	ug/l	99
8) Diethyl Ether	3.68	74	68044	59.740	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109398	53.635	ug/l	97
10) Methyl Iodide	4.27	142	159035	57.626	ug/l	98
11) Tert butyl alcohol	5.18	59	47749	326.111	ug/l	98
12) 1,1-Dichloroethene	4.04	96	107244	52.239	ug/l	96
13) Acrolein	3.89	56	43125	312.890	ug/l	97
14) Allyl chloride	4.67	41	240489	54.795	ug/l	97
15) Acrylonitrile	5.37	53	180283	319.336	ug/l	99
16) Acetone	4.12	43	171103	275.112	ug/l	99
17) Carbon Disulfide	4.38	76	291728	47.019	ug/l	99
18) Methyl Acetate	4.67	43	104539	67.863	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	220577	66.440	ug/l	99
20) Methylene Chloride	4.91	84	136696	58.139	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122573	55.677	ug/l	100
22) Diisopropyl ether	6.31	45	491490	60.415	ug/l	98
23) Vinyl Acetate	6.25	43	1520600	303.721	ug/l	99
24) 1,1-Dichloroethane	6.21	63	263064	59.389	ug/l	99
25) 2-Butanone	7.17	43	256358	303.331	ug/l	98
26) 2,2-Dichloropropane	7.16	77	138027	55.053	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	141487	60.154	ug/l	99
28) Bromochloromethane	7.51	49	102746	53.220	ug/l	95
29) Tetrahydrofuran	7.52	42	164082	323.601	ug/l	99
30) Chloroform	7.67	83	253546	62.565	ug/l	99
31) Cyclohexane	7.95	56	204049	46.561	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	195055	60.843	ug/l	100
36) 1,1-Dichloropropene	8.08	75	186260	55.247	ug/l	100
37) Ethyl Acetate	7.25	43	115578	62.560	ug/l	99
38) Carbon Tetrachloride	8.07	117	174431	59.777	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197635	52.181	ug/l	99
40) Benzene	8.32	78	538415	58.486	ug/l	99
41) Methacrylonitrile	7.48	41	71575	65.918	ug/l	97
42) 1,2-Dichloroethane	8.40	62	191833	66.489	ug/l	99
43) Isopropyl Acetate	8.42	43	213270	62.321	ug/l	99
44) Trichloroethene	9.09	130	133693	59.740	ug/l	94
45) 1,2-Dichloropropane	9.37	63	147311	59.458	ug/l	98
46) Dibromomethane	9.46	93	71213	64.601	ug/l	98
47) Bromodichloromethane	9.64	83	187058	63.760	ug/l	97
48) Methyl methacrylate	9.43	41	106374	65.310	ug/l	94
49) 1,4-Dioxane	9.45	88	22701	1345.196	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	563117	323.521	ug/l	100
52) Toluene	10.38	92	328072	59.322	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190333	63.690	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	221852	61.482	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	100325	64.325	ug/l	99
56) Ethyl methacrylate	10.65	69	149177	65.718	ug/l	100
57) 1,3-Dichloropropane	10.93	76	190330	64.576	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	339142	291.110	ug/l	100
59) 2-Hexanone	10.97	43	383785	311.621	ug/l	100
60) Dibromochloromethane	11.13	129	115151	66.285	ug/l	99
61) 1,2-Dibromoethane	11.23	107	94362	64.942	ug/l	99
64) Tetrachloroethene	10.86	164	119254	62.666	ug/l	97
65) Chlorobenzene	11.66	112	343356	59.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	128647	63.803	ug/l	99
67) Ethyl Benzene	11.73	91	653034	58.654	ug/l	99
68) m/p-Xylenes	11.84	106	466990	116.443	ug/l	99
69) o-Xylene	12.16	106	220452	59.392	ug/l	99
70) Styrene	12.18	104	390903	60.843	ug/l	99
71) Bromoform	12.35	173	67071	66.765	ug/l #	99
73) Isopropylbenzene	12.46	105	614971	56.967	ug/l	99
74) N-amyl acetate	12.27	43	193404	59.298	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	116608	58.920	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80225m	57.176	ug/l	
77) Bromobenzene	12.74	156	140352	60.096	ug/l	97
78) n-propylbenzene	12.80	91	744583	56.498	ug/l	99
79) 2-Chlorotoluene	12.89	91	435876	58.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	529456	58.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37458	58.532	ug/l	98
82) 4-Chlorotoluene	12.99	91	456783	58.305	ug/l	100
83) tert-Butylbenzene	13.21	119	454870	59.529	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	530020	58.492	ug/l	100
85) sec-Butylbenzene	13.38	105	622539	56.867	ug/l	99
86) p-Isopropyltoluene	13.50	119	566987	57.995	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	271257	59.381	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	265899	58.623	ug/l	100
89) n-Butylbenzene	13.82	91	547777	56.343	ug/l	99
90) Hexachloroethane	14.09	117	101407	59.120	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	244355	60.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21624	64.812	ug/l	95

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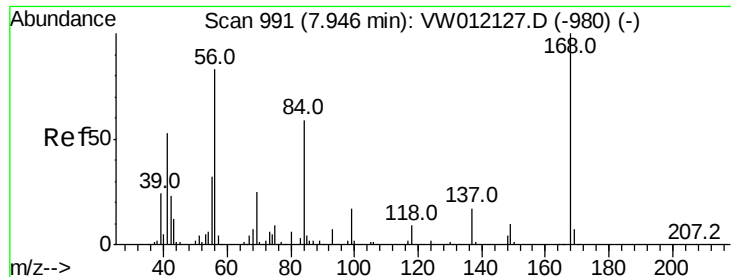
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	171107	61.786	ug/l	99
94) Hexachlorobutadiene	15.24	225	112686	61.625	ug/l	98
95) Naphthalene	15.36	128	315496	57.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	151647	62.763	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 204672

Ion Ratio Lower Upper

168 100

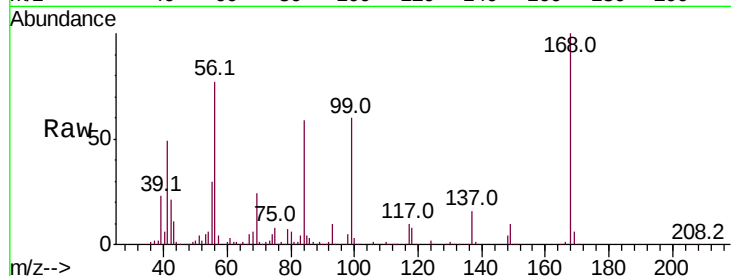
99 59.5 49.2 73.8

Manual Integrations

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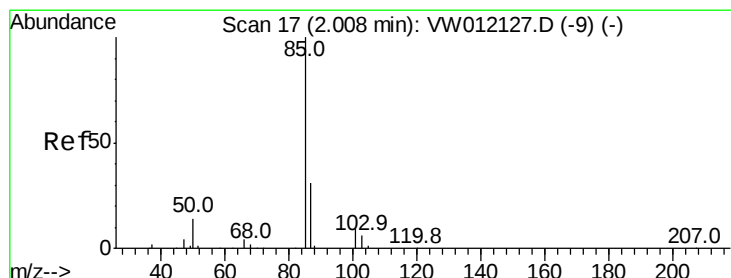
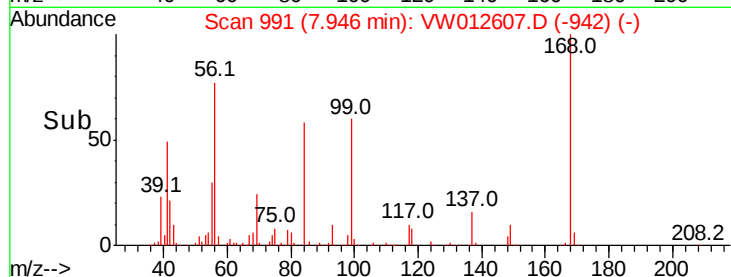
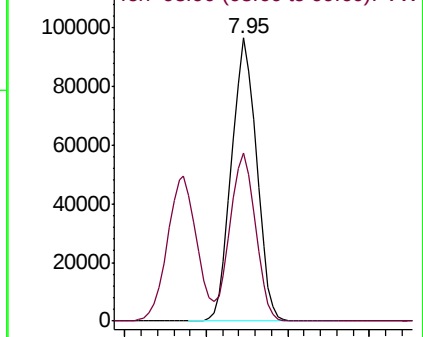
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.226 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012607.D

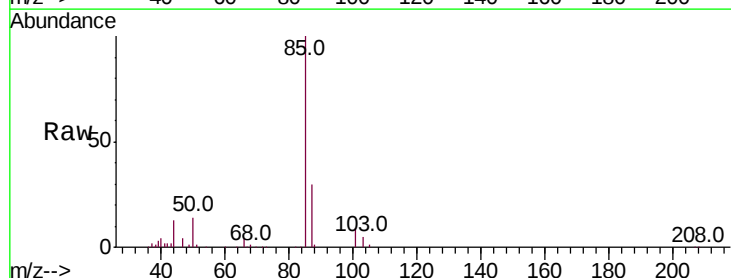
Acq: 04 Sep 2019 22:21

Tgt Ion: 85 Resp: 60776

Ion Ratio Lower Upper

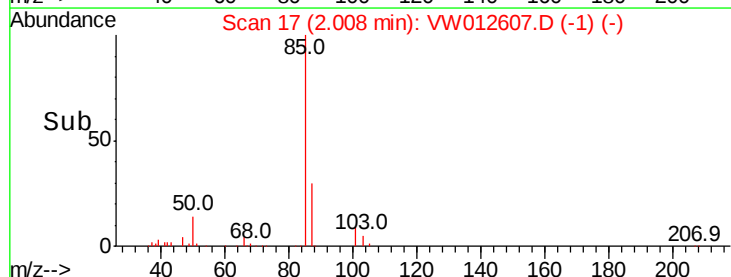
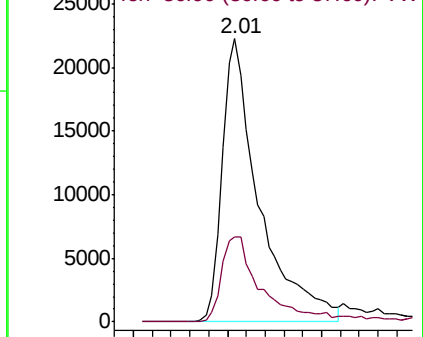
85 100

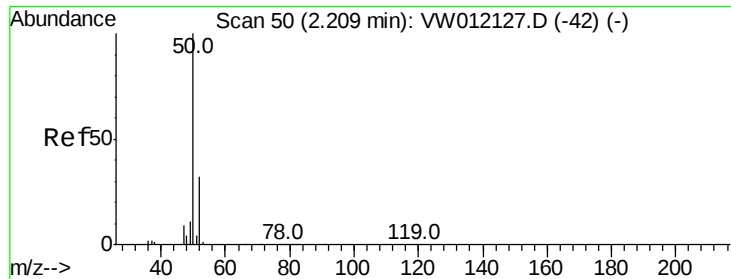
87 30.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.552 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 92844

Ion Ratio Lower Upper

50 100

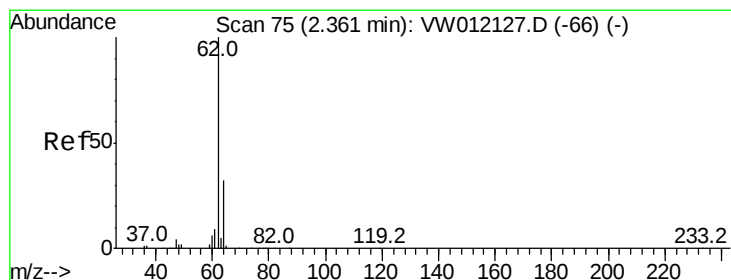
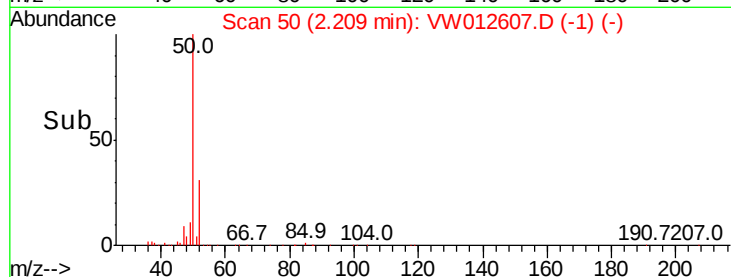
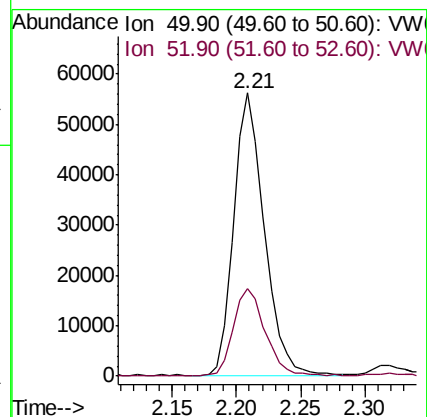
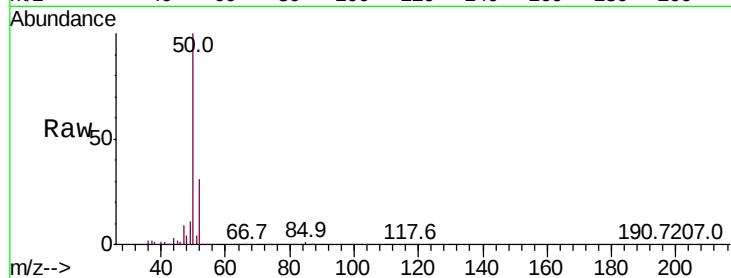
52 31.0 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.704 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012607.D

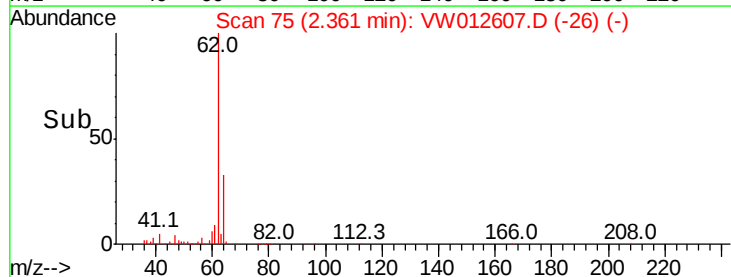
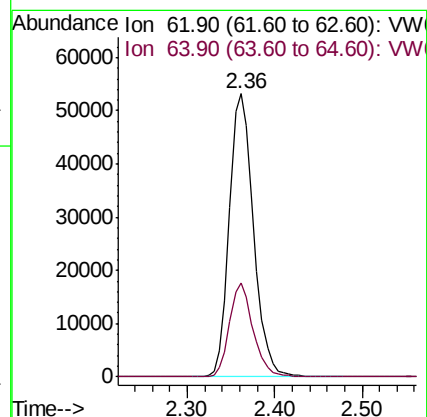
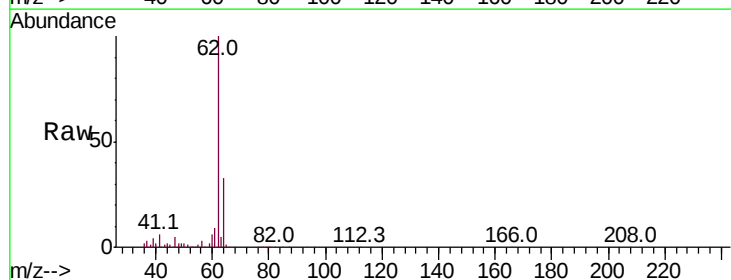
Acq: 04 Sep 2019 22:21

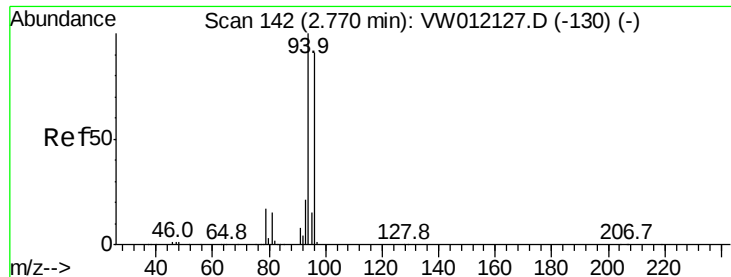
Tgt Ion: 62 Resp: 102053

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 49.438 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59834

Ion Ratio Lower Upper

94 100

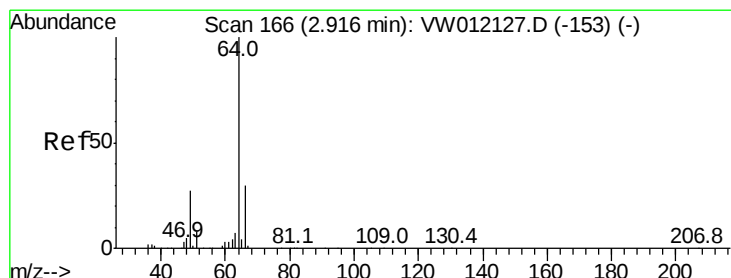
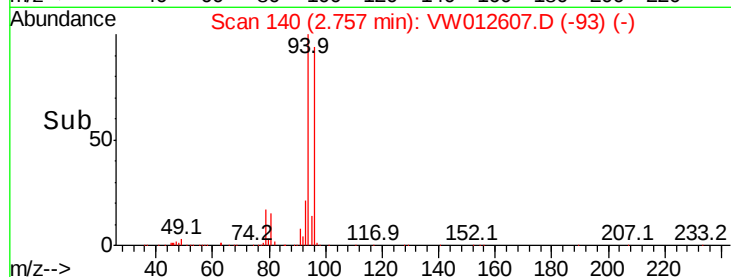
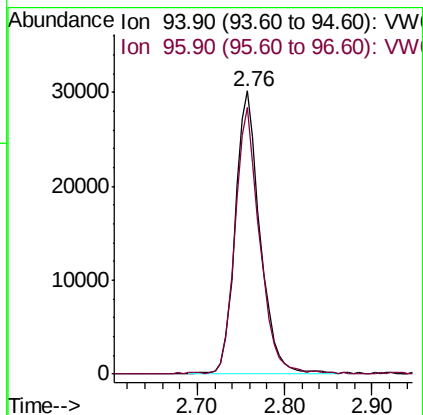
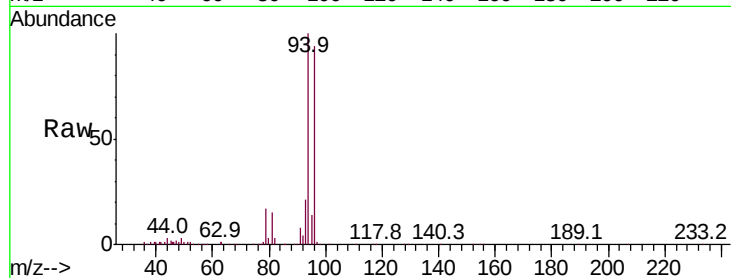
96 94.0 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 47.809 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012607.D

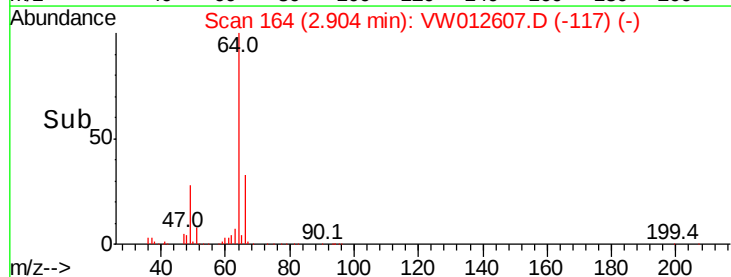
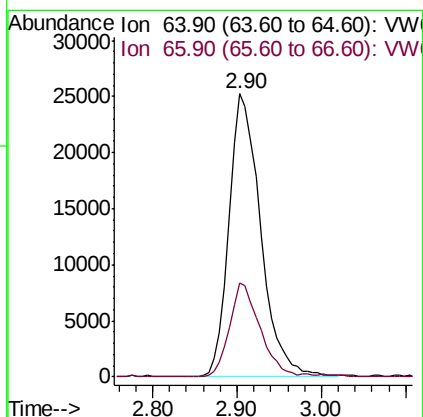
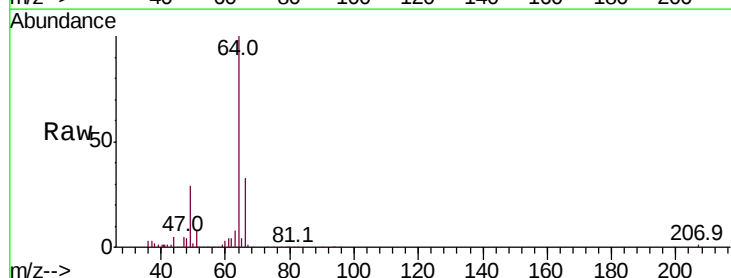
Acq: 04 Sep 2019 22:21

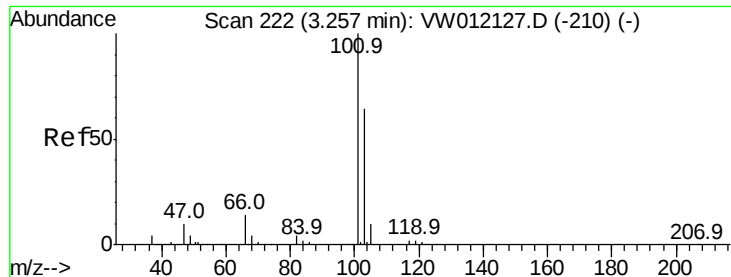
Tgt Ion: 64 Resp: 64452

Ion Ratio Lower Upper

64 100

66 32.8 23.8 35.8





#7

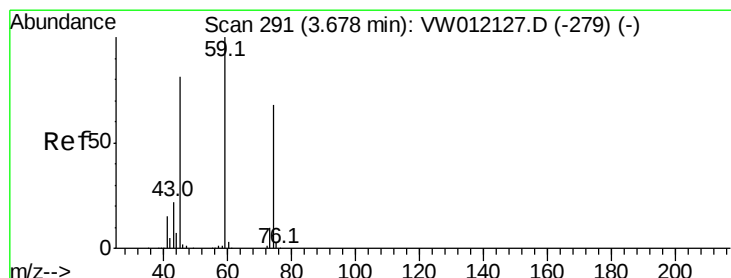
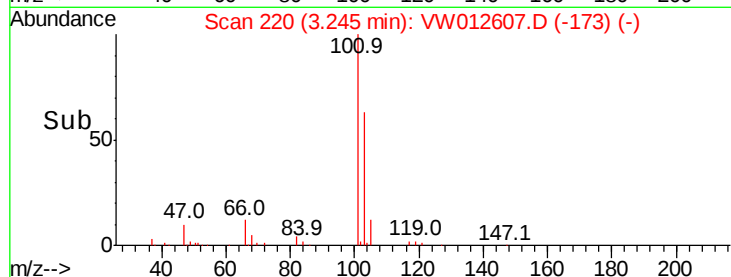
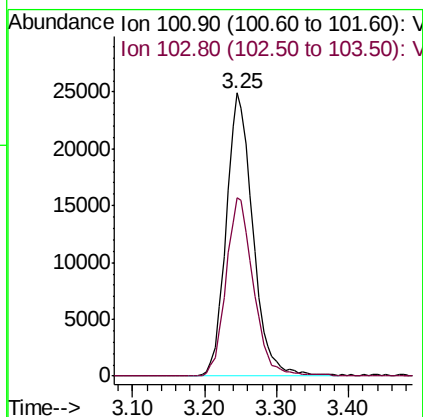
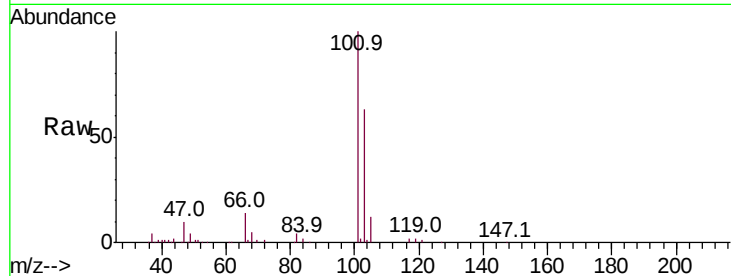
Trichlorofluoromethane
 Concen: 53.645 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012607.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.2	76.8

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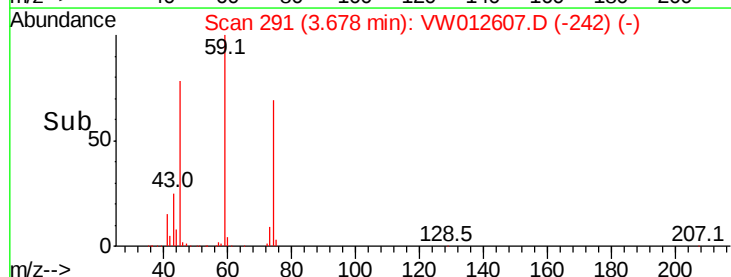
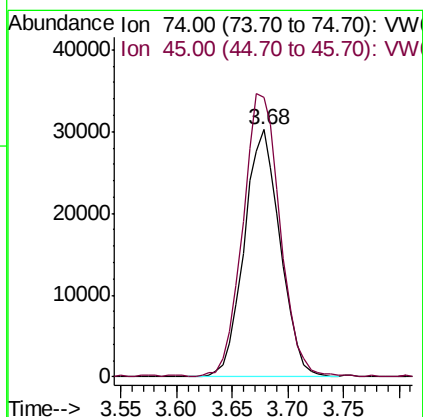
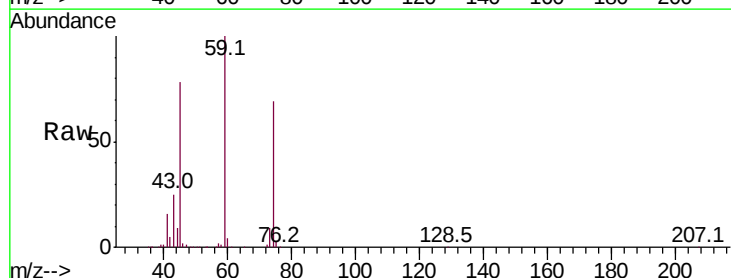
MMDadoda
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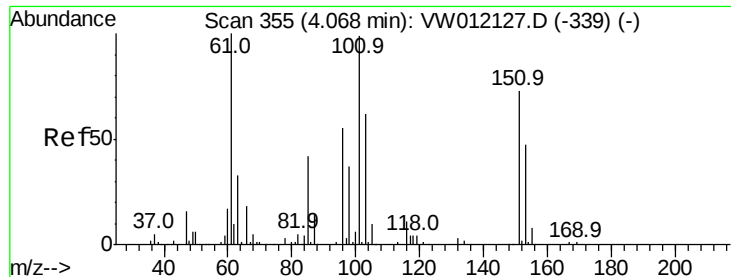


#8

Diethyl Ether
 Concen: 59.740 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.5	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.635 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

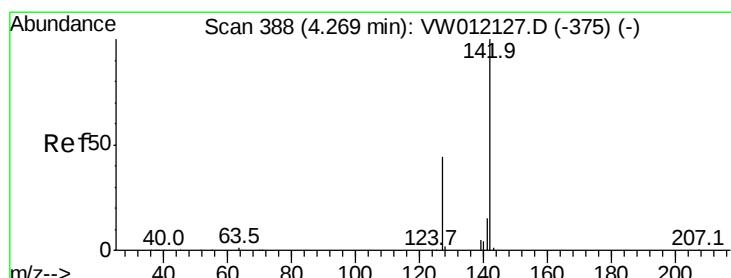
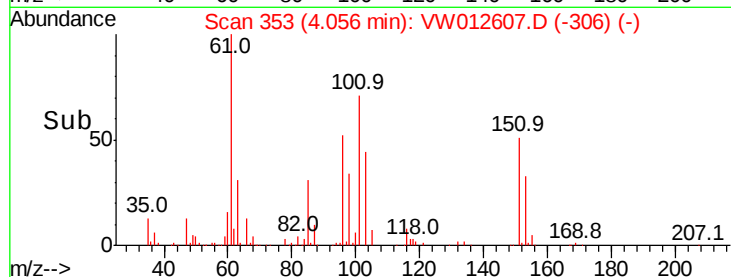
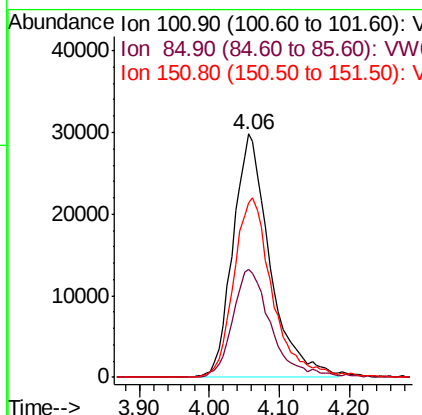
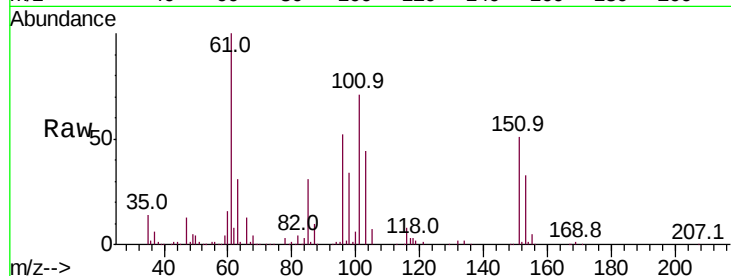
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	109398
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.8	53.6
151	76.9	58.6	87.8

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#10

Methyl Iodide

Concen: 57.626 ug/l

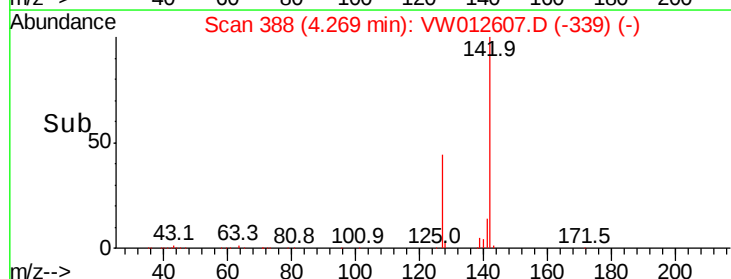
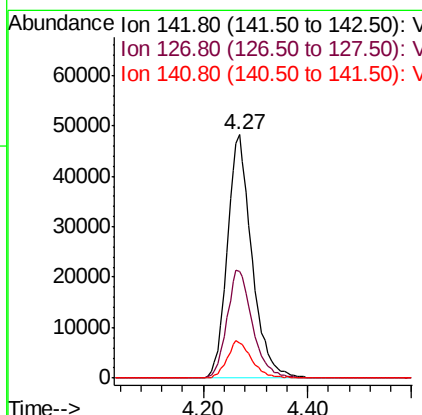
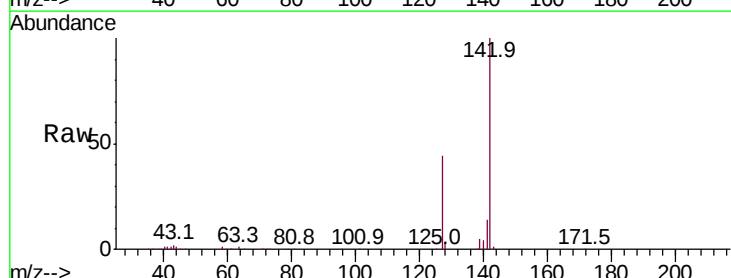
RT: 4.27 min Scan# 388

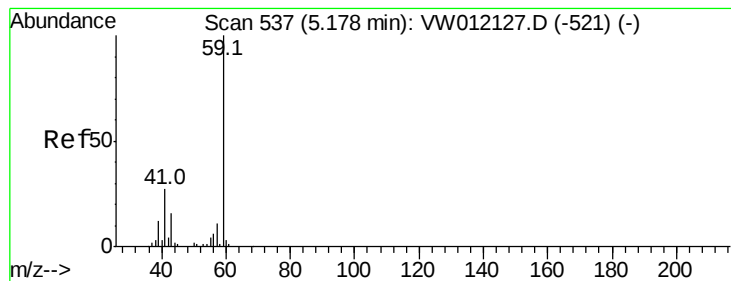
Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion:	142	Resp:	159035
Ion Ratio	Lower	Upper	
142	100		
127	46.2	35.5	53.3
141	15.2	11.8	17.8





#11

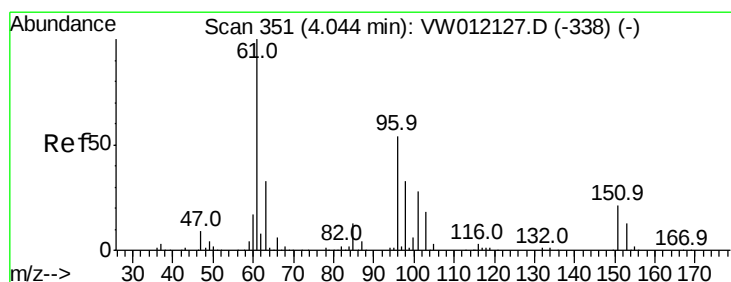
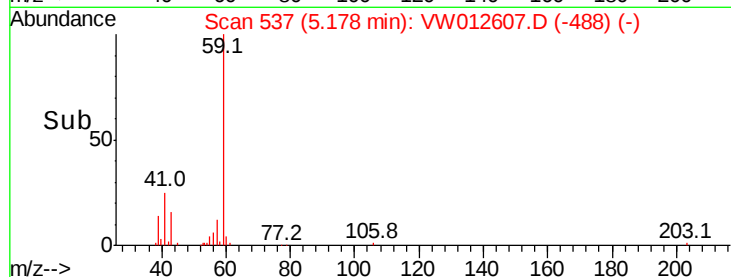
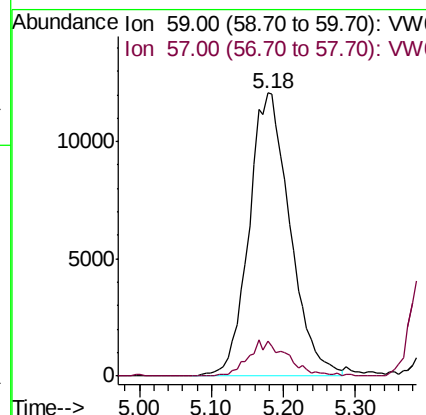
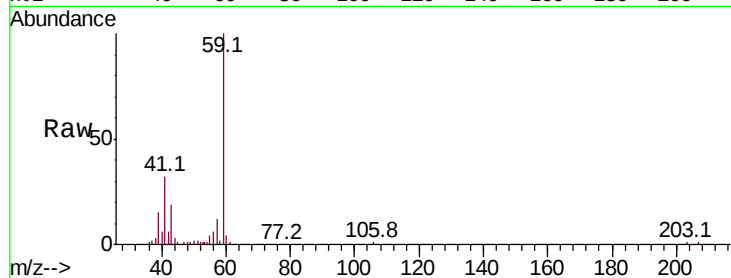
Tert butyl alcohol
Concen: 326.111 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.9	9.0	13.4

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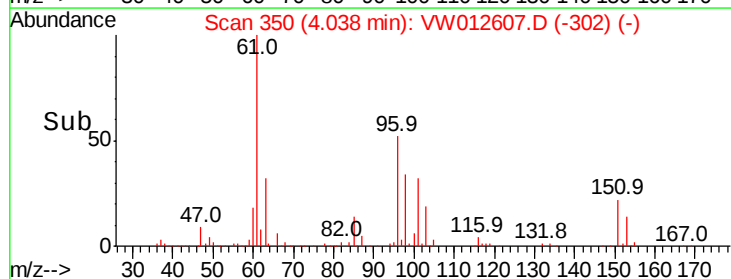
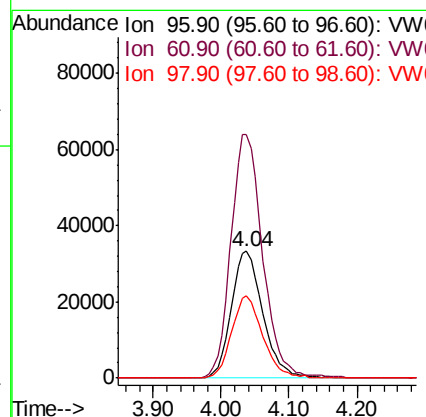
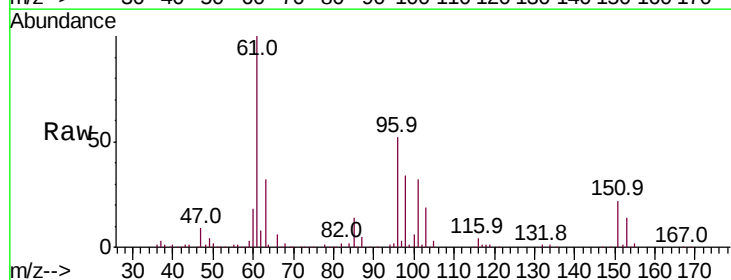
MMDadoda
9/7/2019 12:46:28 AM

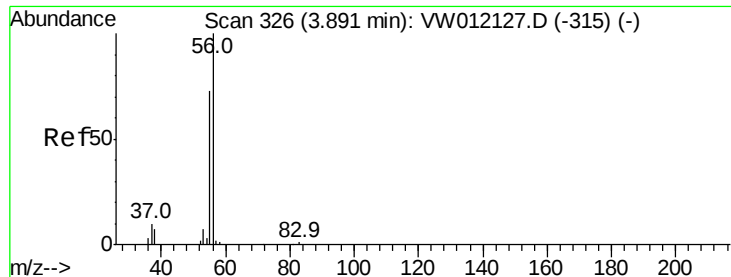


#12

1,1-Dichloroethene
Concen: 52.239 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.0	149.1	223.7
98	65.0	49.4	74.2





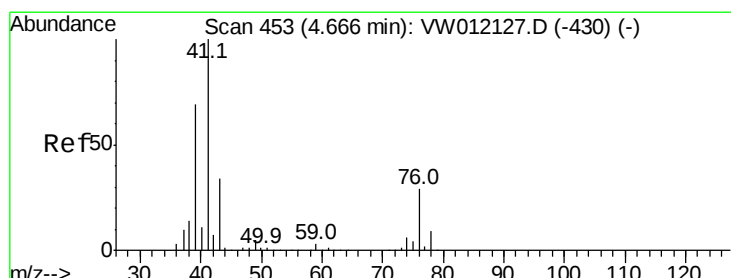
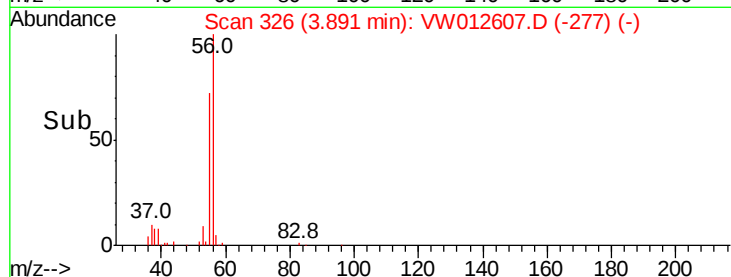
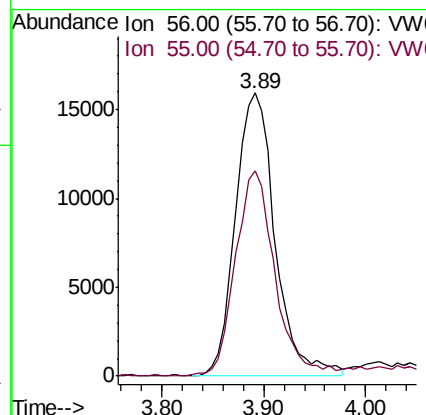
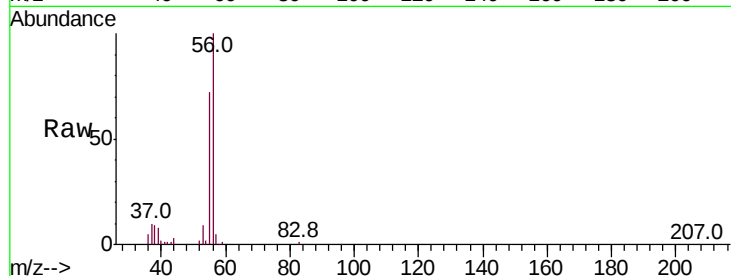
#13
Acrolein
Concen: 312.890 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	43125
Ion Ratio	Lower	Upper	
56	100		
55	72.6	55.8	83.8

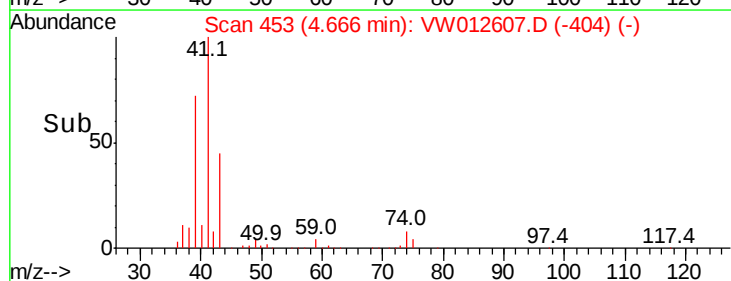
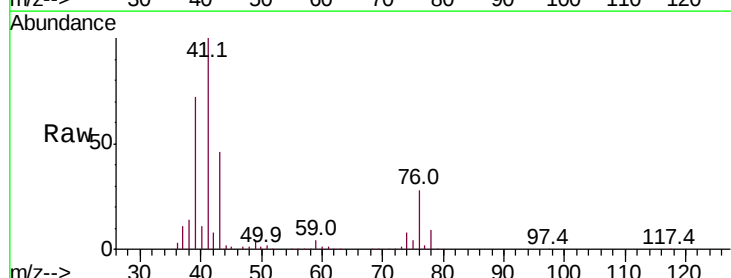
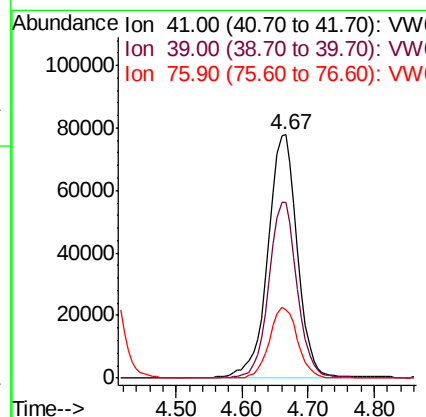
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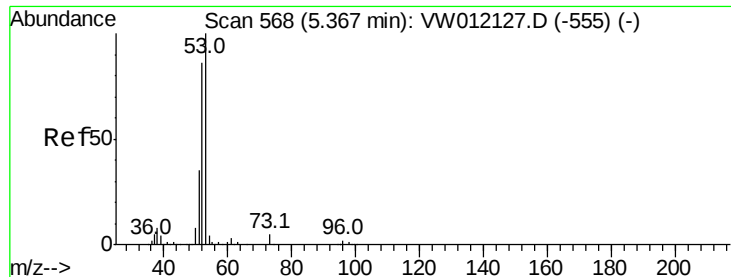
MMDadoda
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#14
Allyl chloride
Concen: 54.795 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	41	Resp	240489
Ion Ratio	Lower	Upper	
41	100		
39	69.9	53.4	80.2
76	28.0	22.1	33.1





#15

Acrylonitrile

Concen: 319.336 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

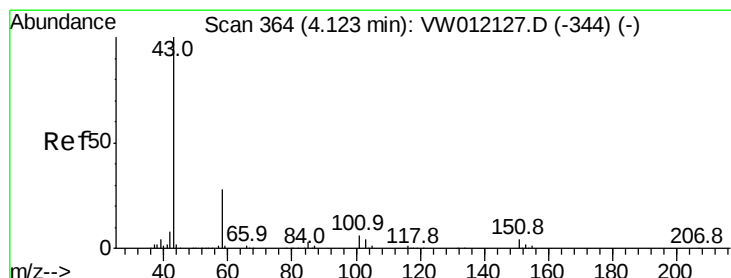
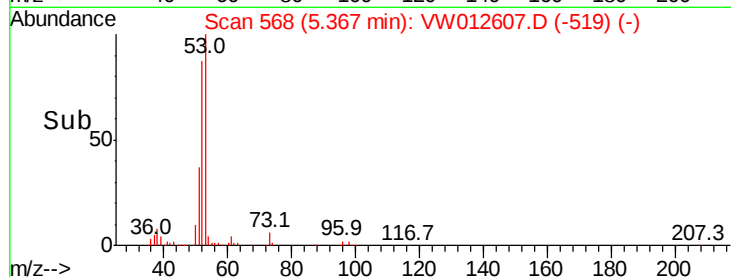
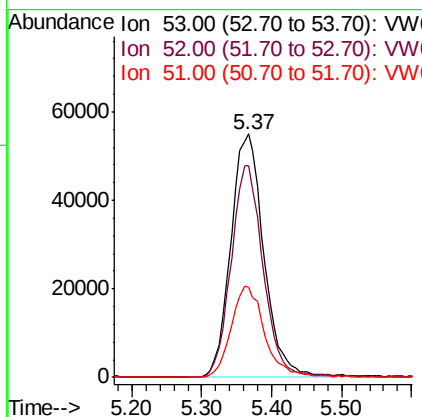
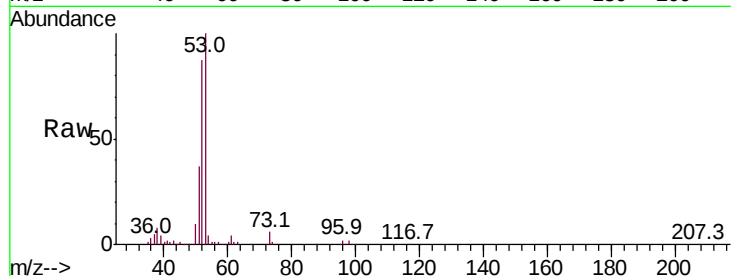
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	180283
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.7	100.1
51	37.9	30.1	45.1

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#16

Acetone

Concen: 275.112 ug/l

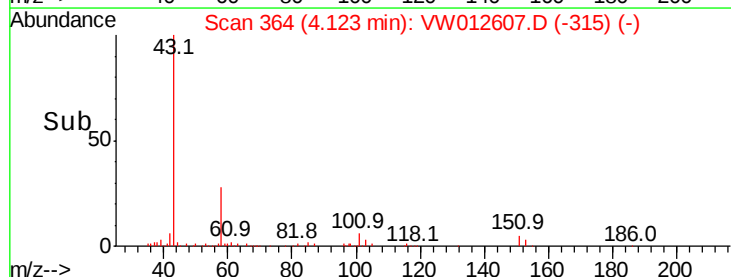
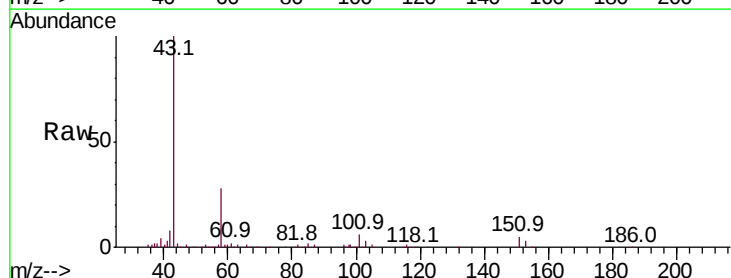
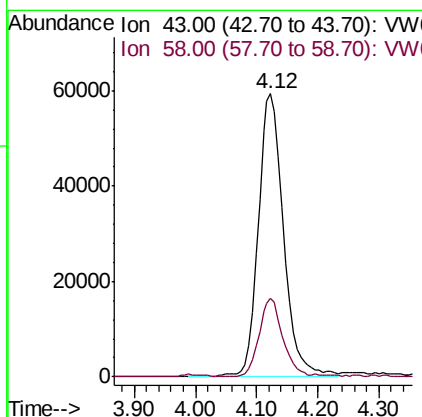
RT: 4.12 min Scan# 364

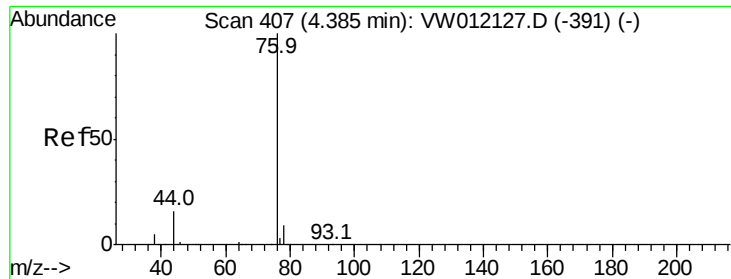
Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion:	43	Resp:	171103
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.4	33.6





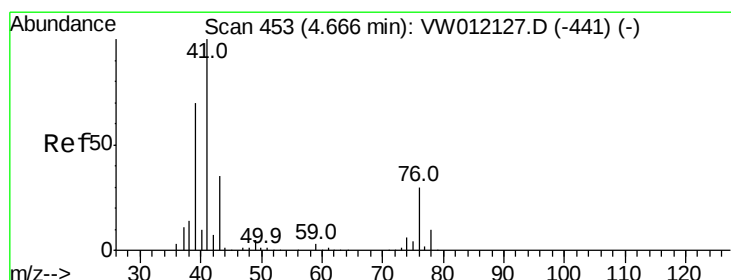
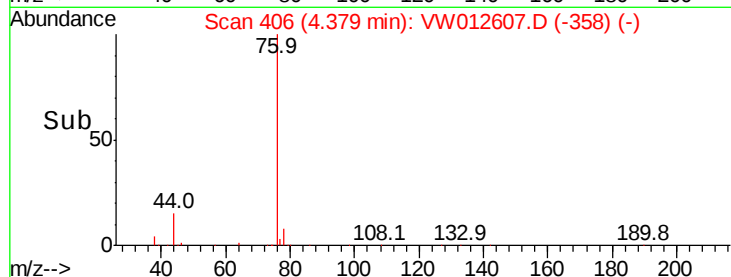
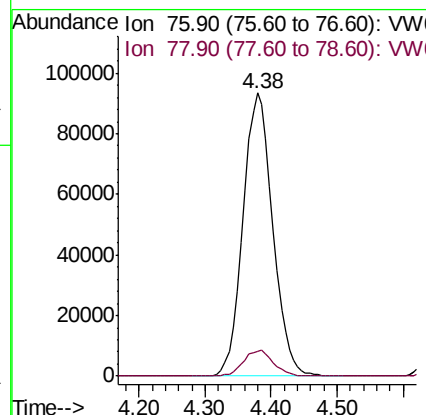
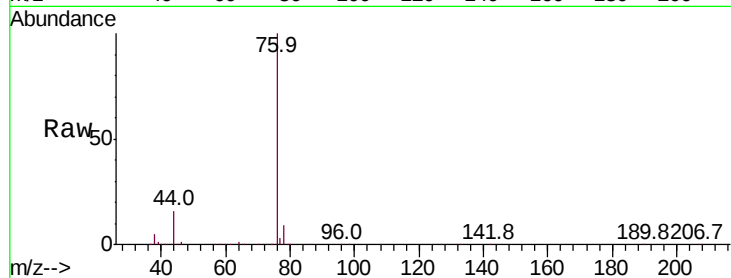
#17
Carbon Disulfide
Concen: 47.019 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

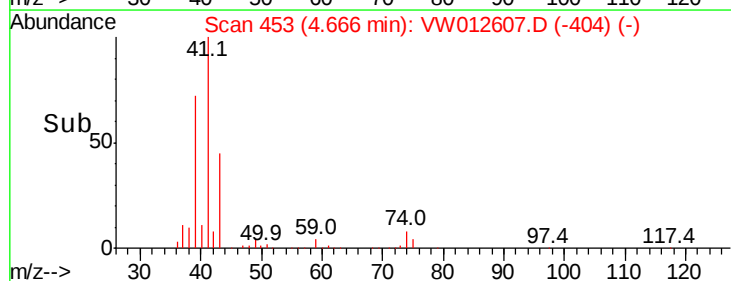
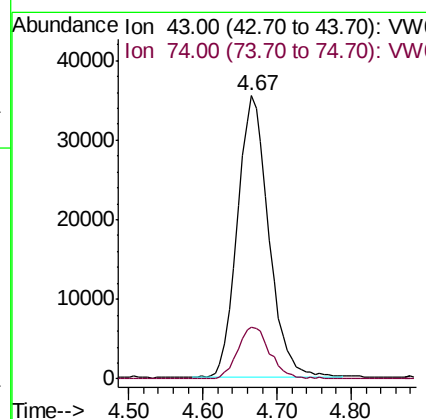
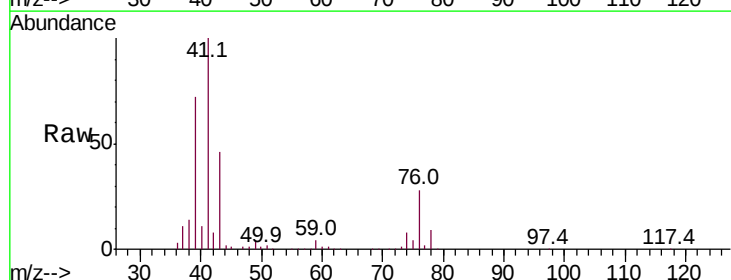
Manual Integrations
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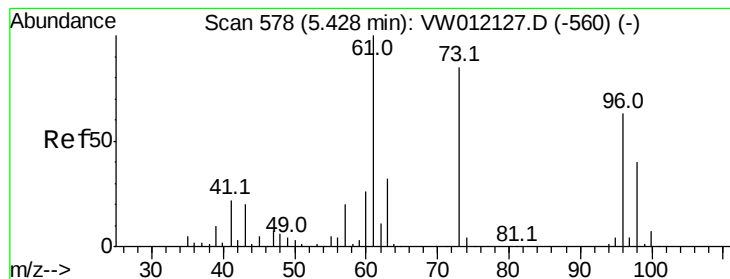
MMDadoda
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#18
Methyl Acetate
Concen: 67.863 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.9	15.7	23.5





#19

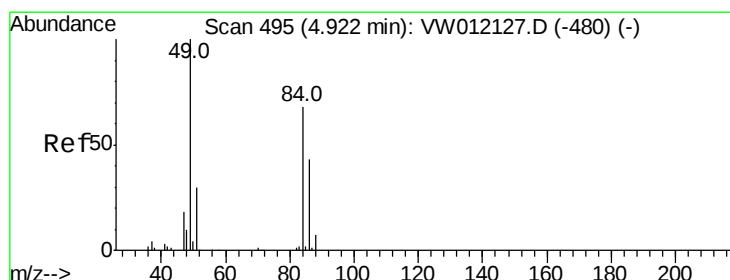
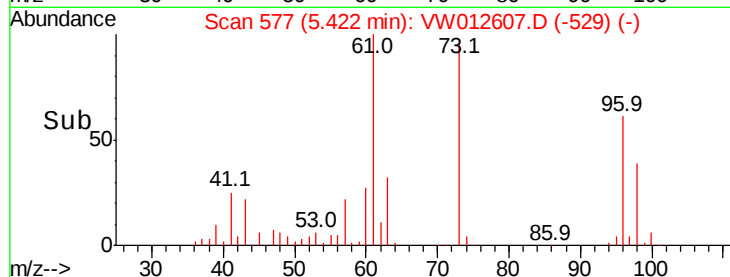
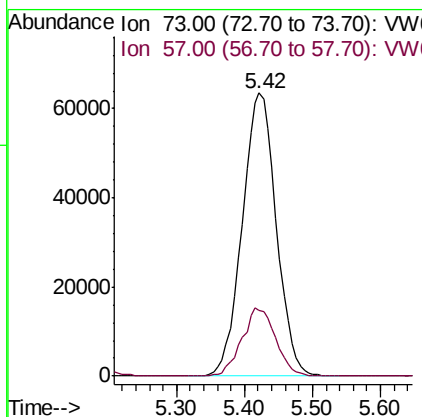
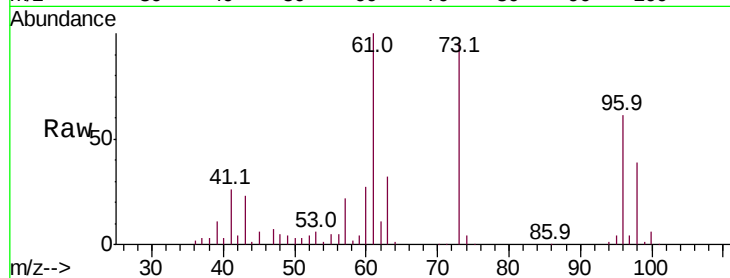
Methyl tert-butyl Ether
 Concen: 66.440 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.9	28.3

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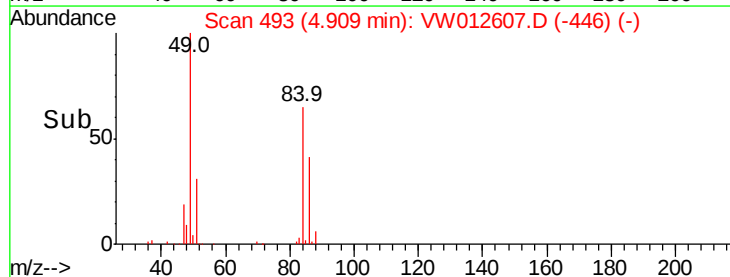
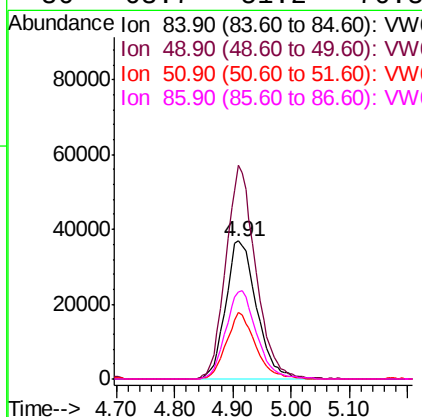
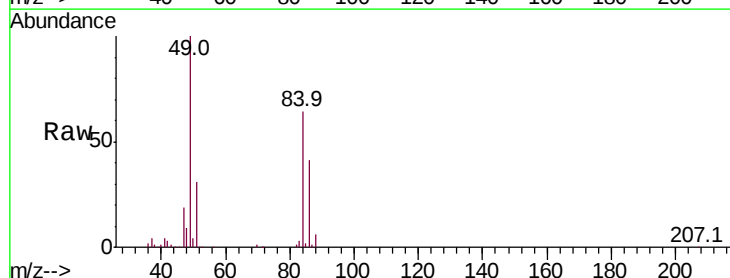
MMDadoda
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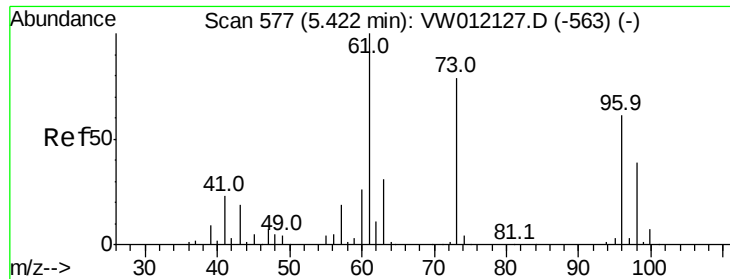


#20

Methylene Chloride
 Concen: 58.139 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	154.8	117.8	176.8
51	47.9	35.6	53.4
86	63.7	51.2	76.8





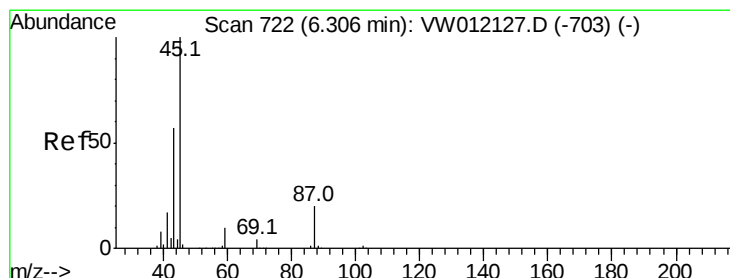
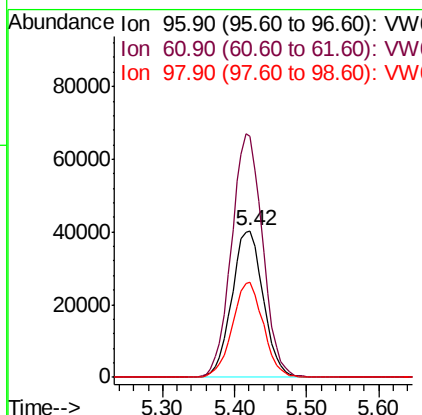
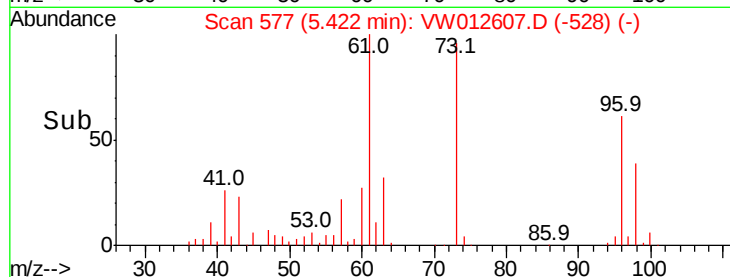
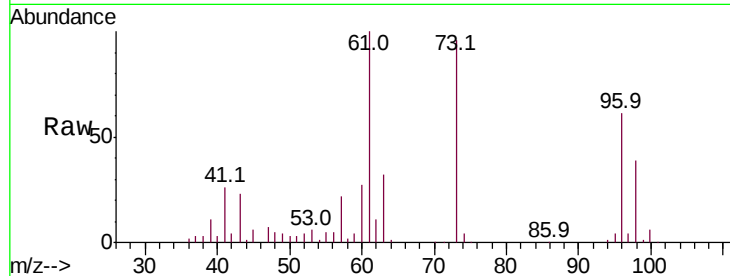
#21
trans-1,2-Dichloroethene
Concen: 55.677 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.1	131.4	197.0
98	64.6	51.4	77.0

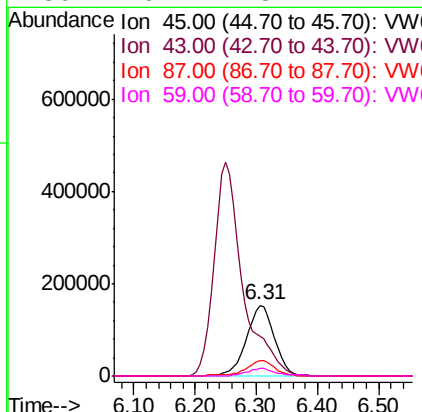
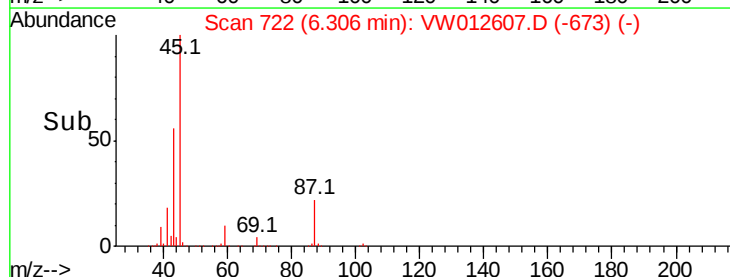
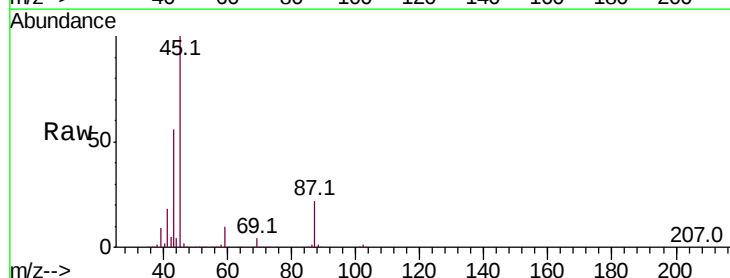
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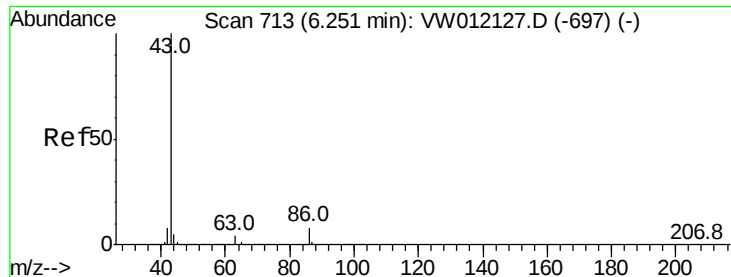
MMDadoda
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#22
Diisopropyl ether
Concen: 60.415 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.8	45.5	68.3
87	22.3	16.1	24.1
59	10.2	8.2	12.2





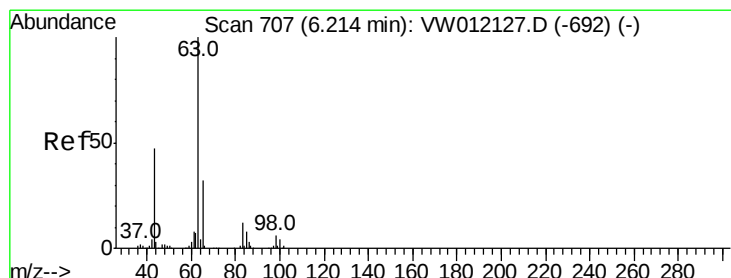
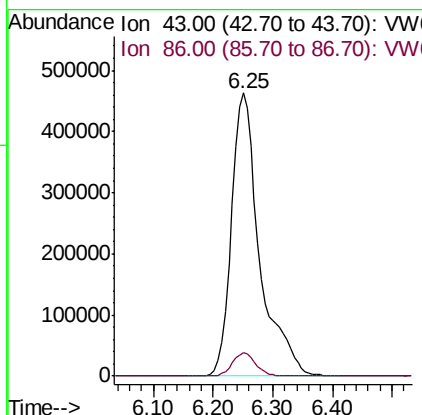
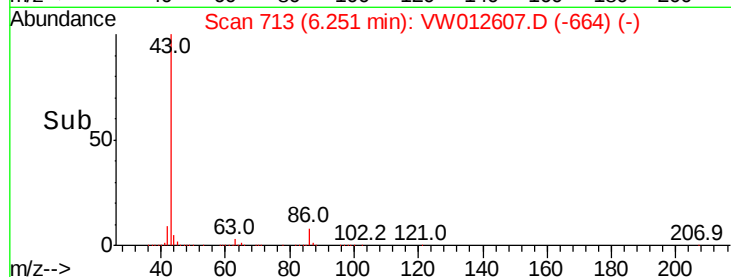
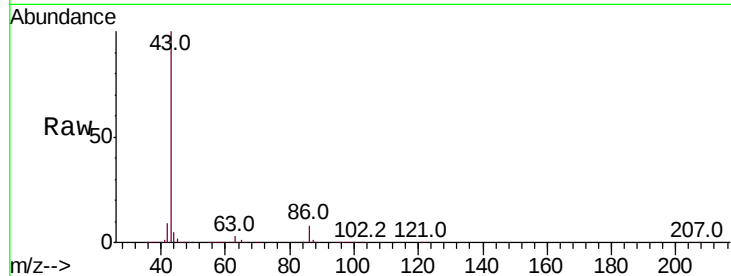
#23
 Vinyl Acetate
 Concen: 303.721 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1520600
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7

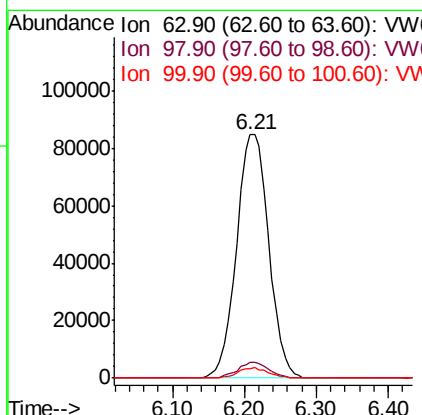
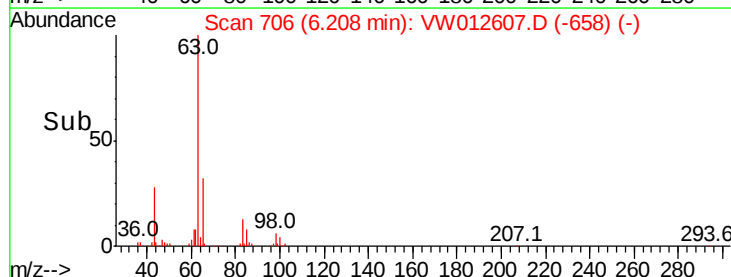
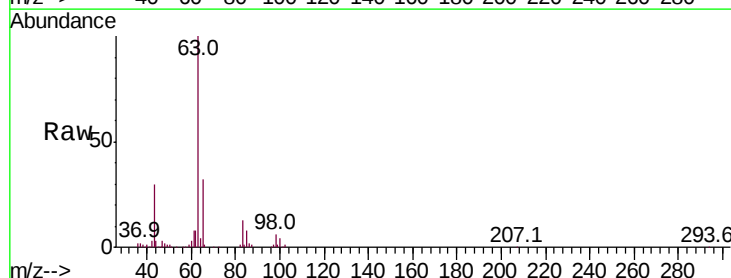
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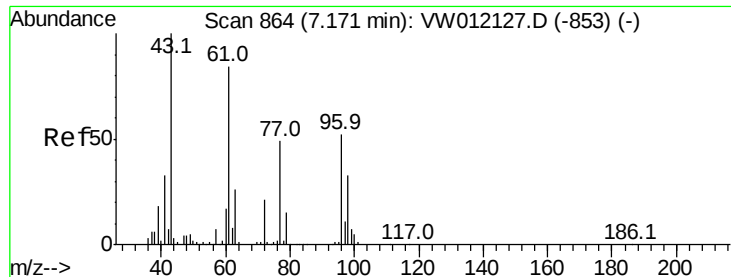
MMDadoda
 9/7/2019 12:46:28 AM



#24
 1,1-Dichloroethane
 Concen: 59.389 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 63 Resp: 263064
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.2
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 303.331 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 256358

Ion Ratio Lower Upper

43 100

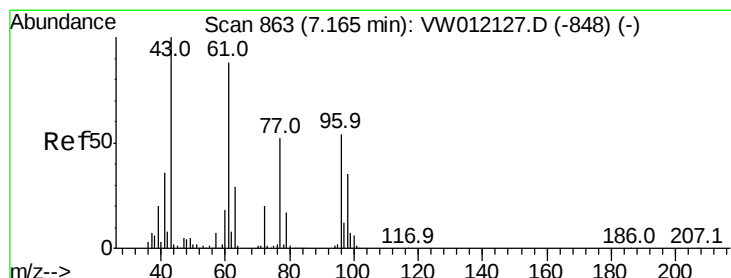
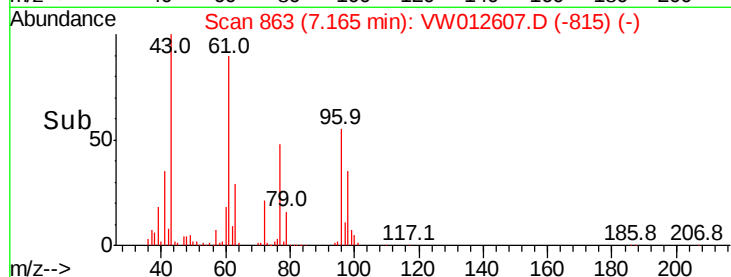
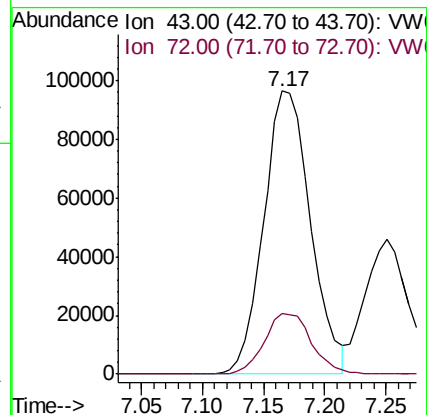
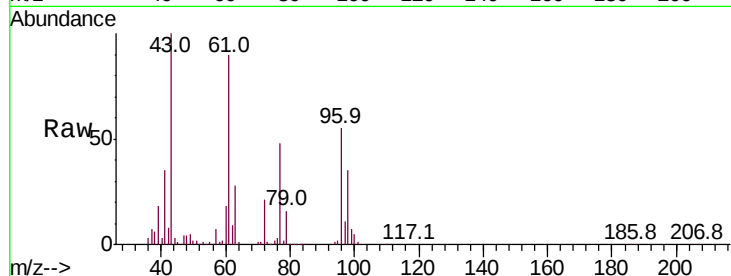
72 21.4 16.6 24.8

Manual Integrations

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MMDadoda

9/7/2019 12:46:28 AM



#26

2,2-Dichloropropane

Concen: 55.053 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012607.D

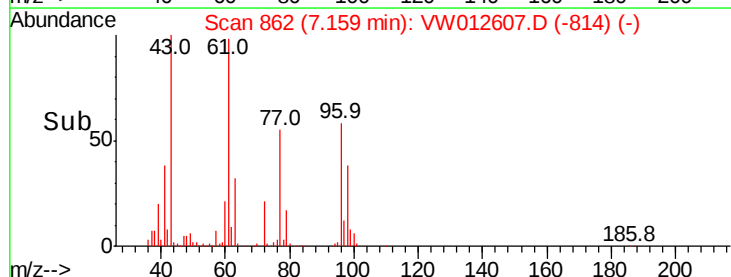
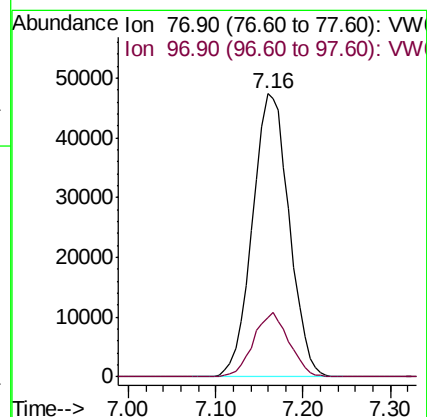
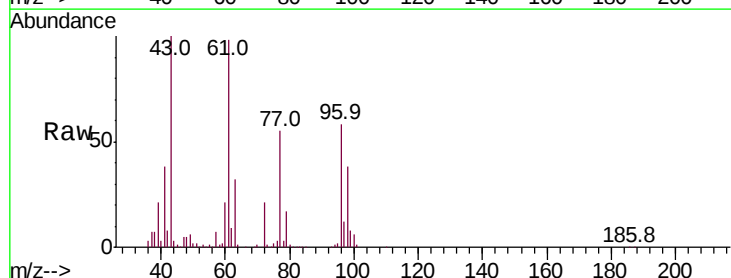
Acq: 04 Sep 2019 22:21

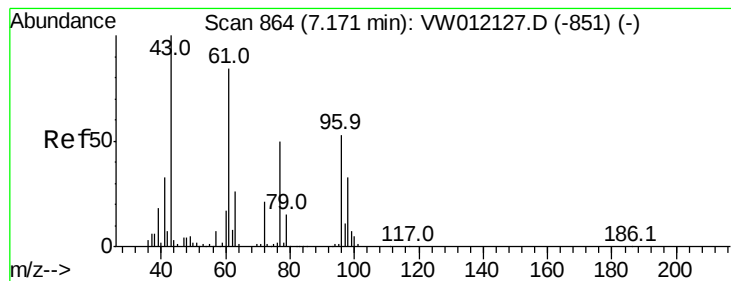
Tgt Ion: 77 Resp: 138027

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.1





#27

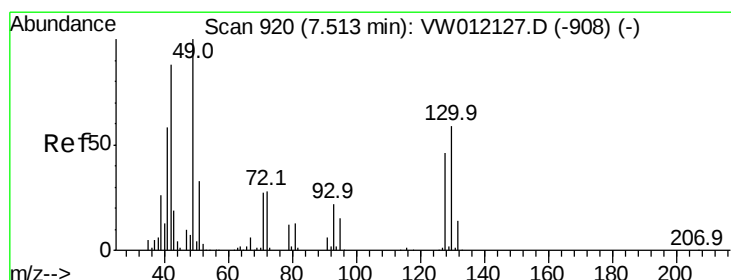
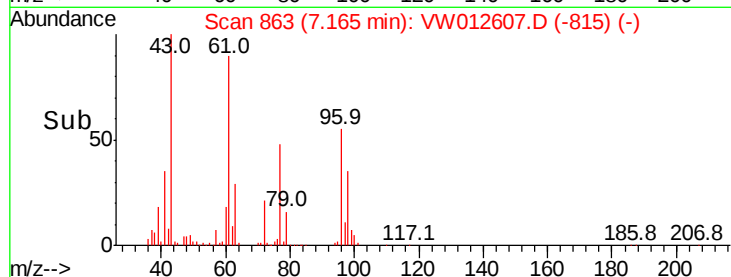
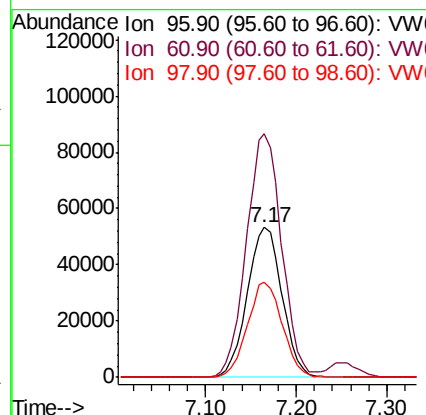
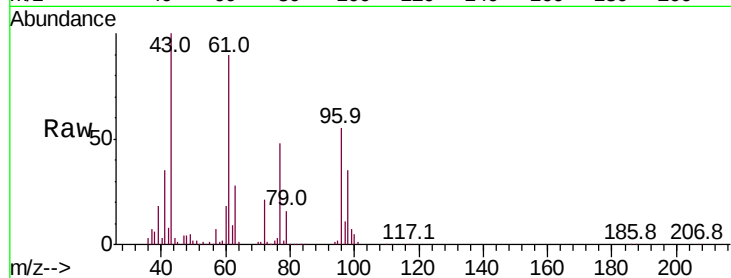
cis-1,2-Dichloroethene
Concen: 60.154 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	326.6
98	63.7	0.0	127.4

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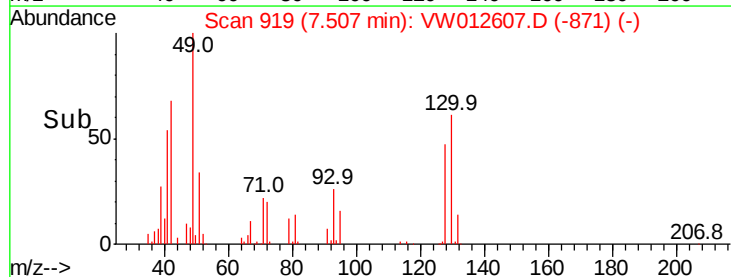
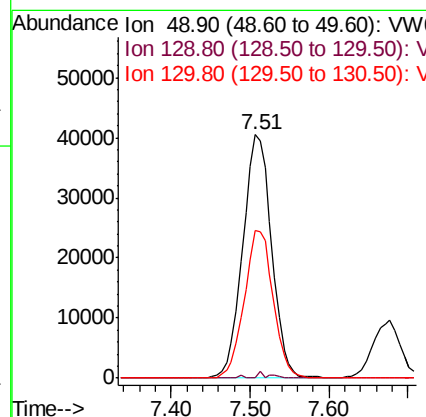
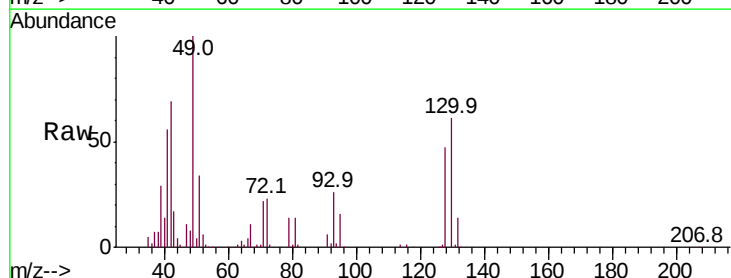
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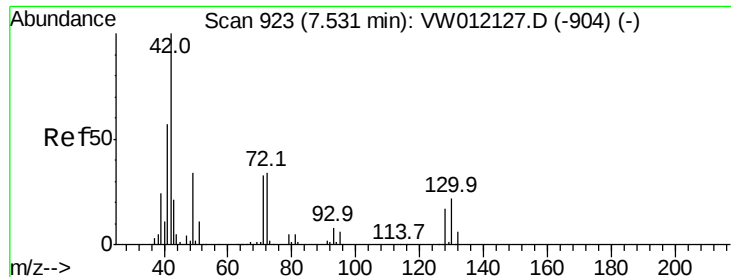


#28

Bromochloromethane
Concen: 53.220 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.4
130	60.6	45.5	68.3





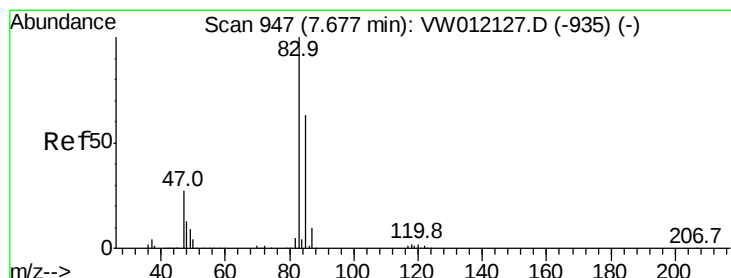
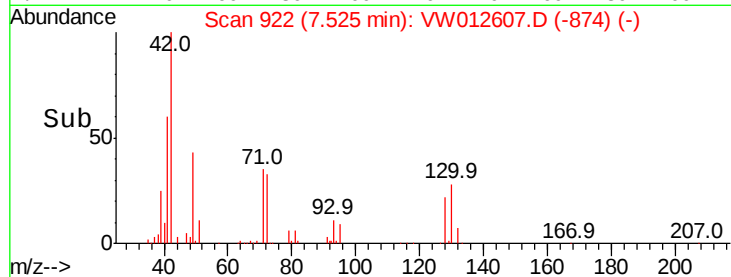
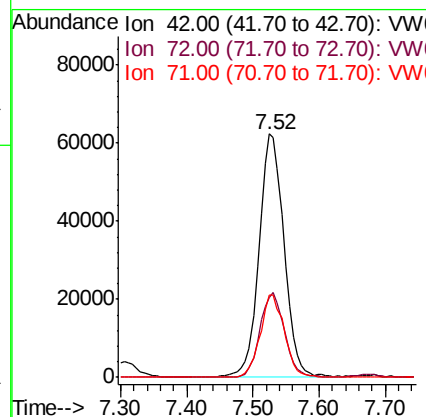
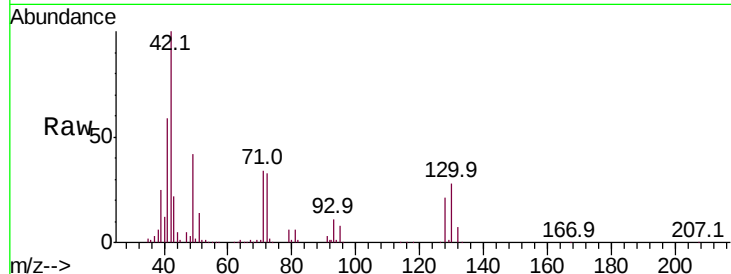
#29
Tetrahydrofuran
Concen: 323.601 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.3	40.9
71	32.8	25.5	38.3

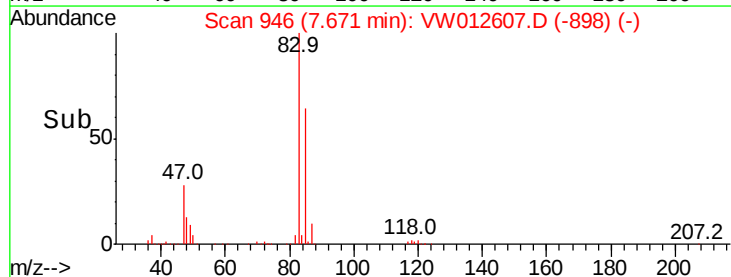
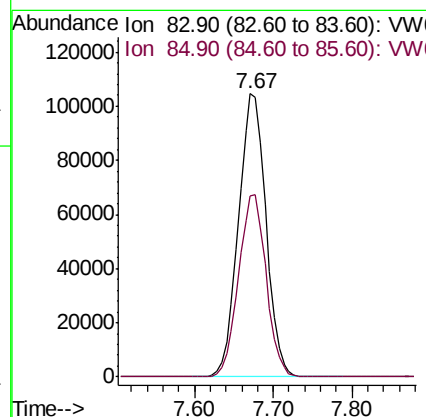
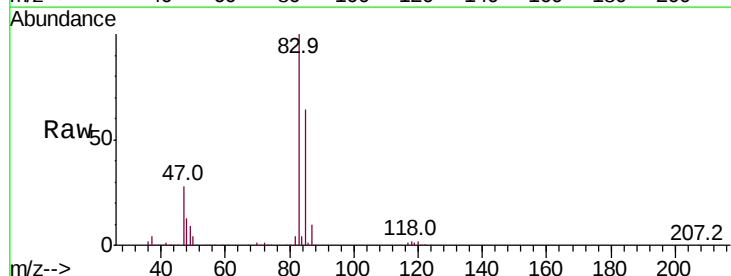
Manual Integrations
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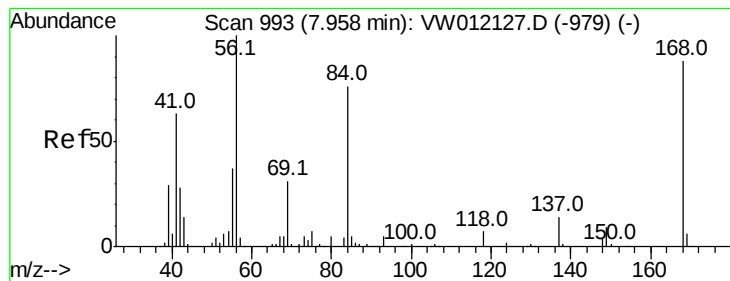
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#30
Chloroform
Concen: 62.565 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	76.0





#31

Cyclohexane

Concen: 46.561 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 56 Resp: 204049

Ion Ratio Lower Upper

56 100

69 30.5 24.9 37.3

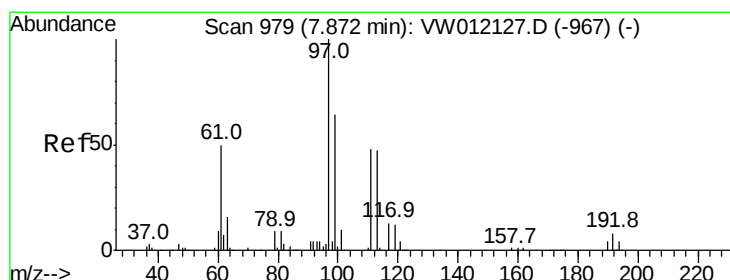
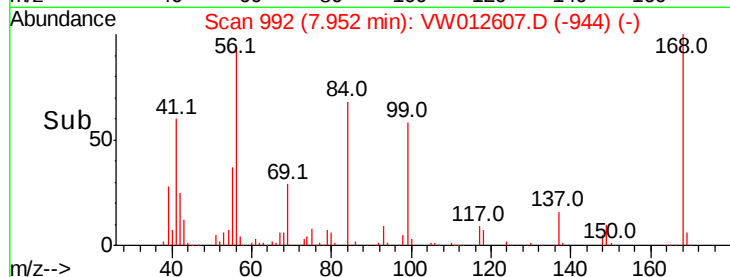
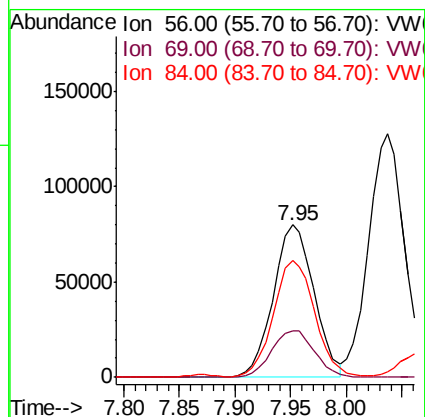
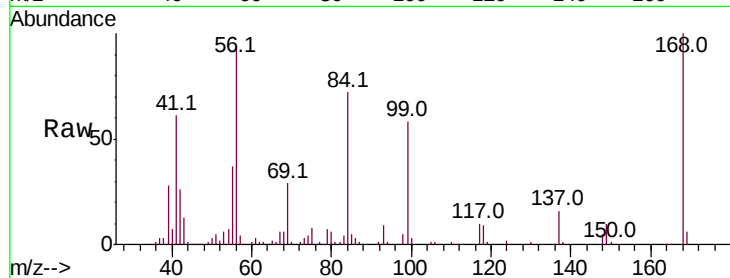
84 75.4 60.6 90.8

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#32

1,1,1-Trichloroethane

Concen: 60.843 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

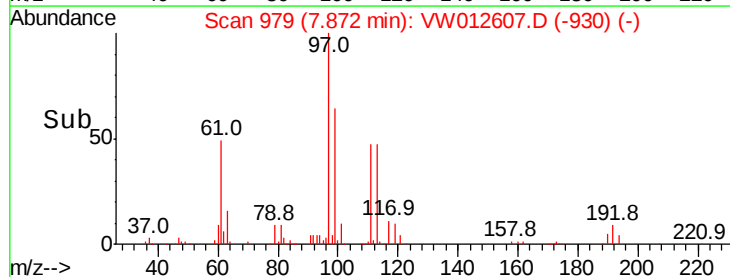
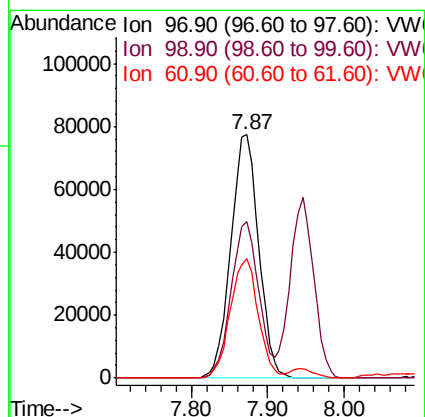
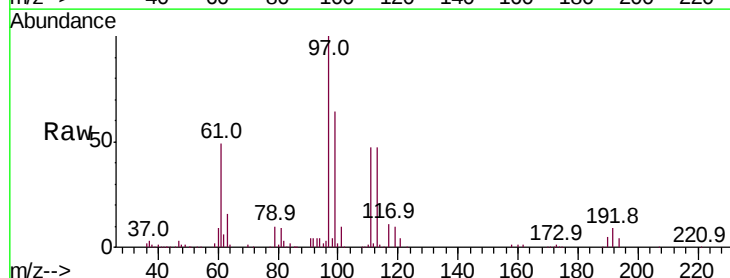
Tgt Ion: 97 Resp: 195055

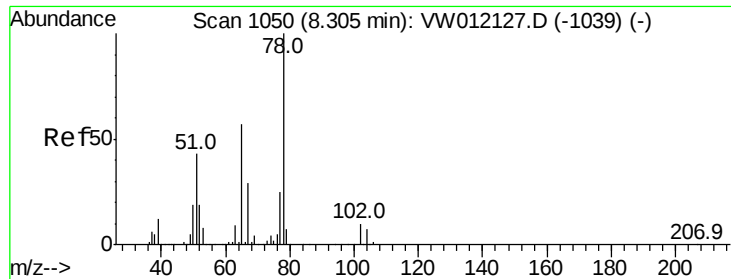
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 49.1 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 54.820 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 133381

Ion Ratio Lower Upper

65 100

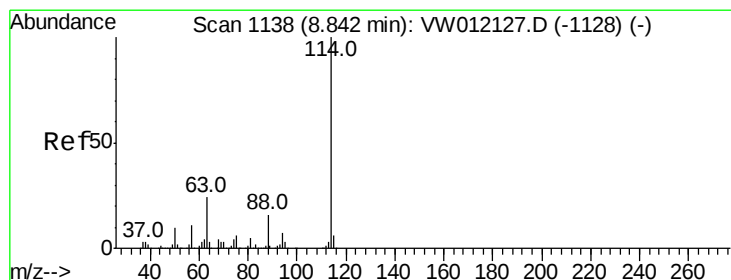
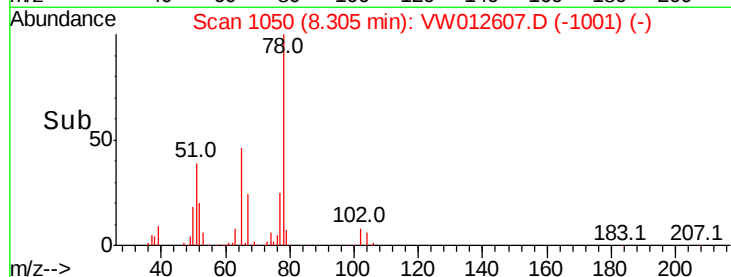
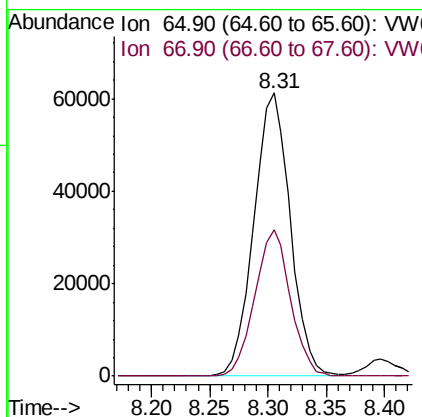
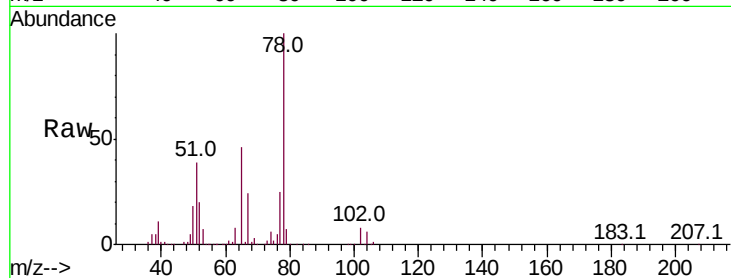
67 50.7 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

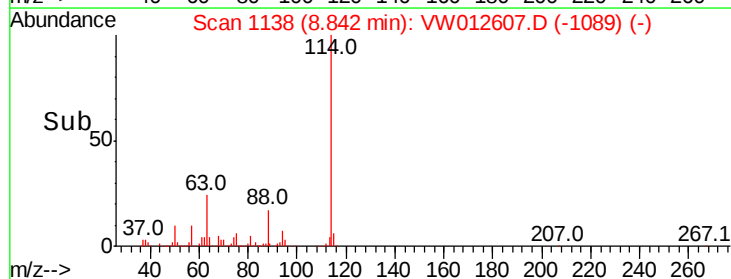
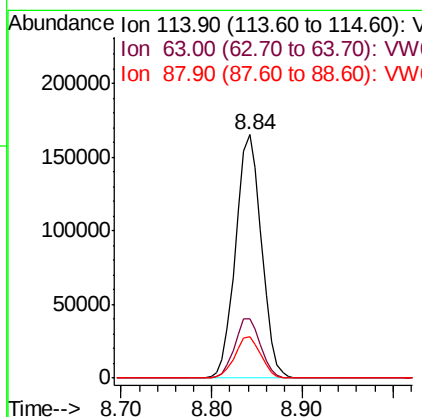
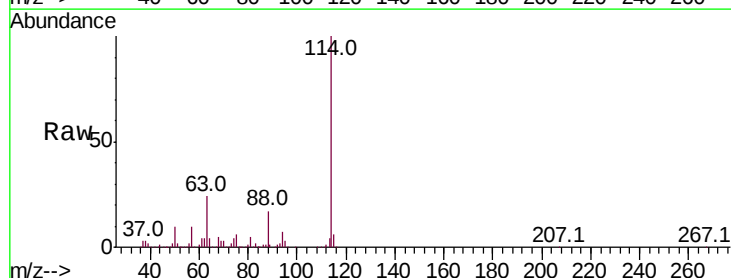
Tgt Ion: 114 Resp: 326248

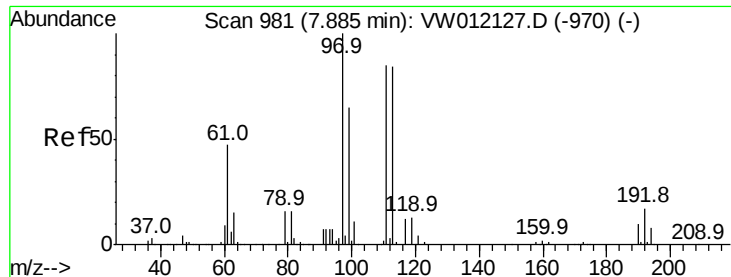
Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.003 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

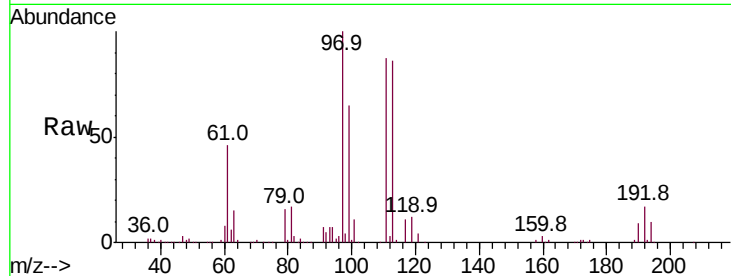
ClientSampleId :

VSTDCCC050EC

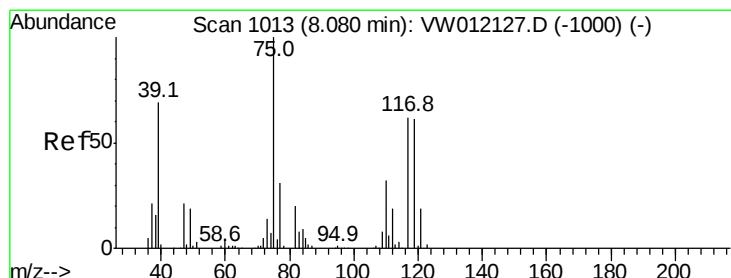
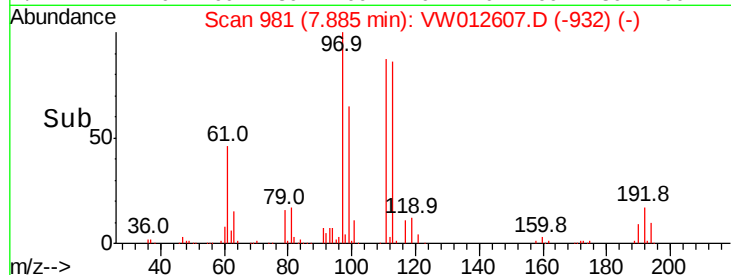
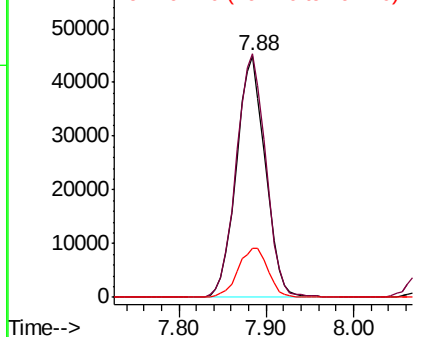
Tot Ion:	113	Resp:	103218
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.7	124.1
192	21.1	16.2	24.2

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 55.247 ug/l

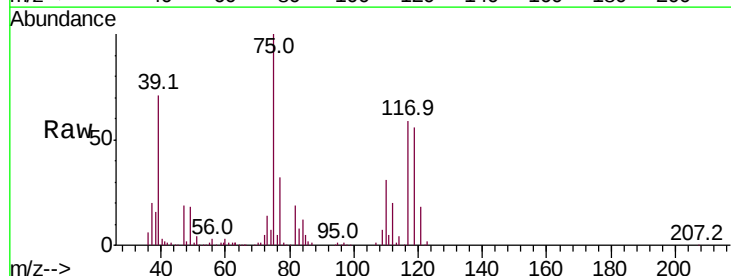
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

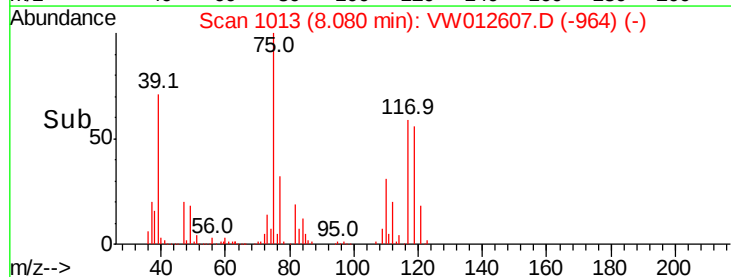
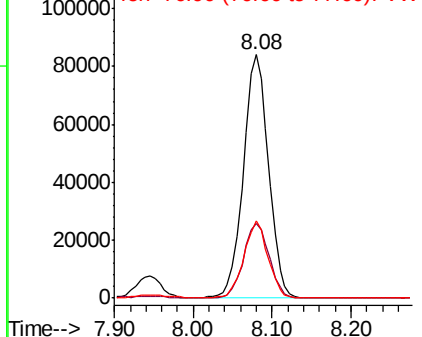
Lab File: VW012607.D

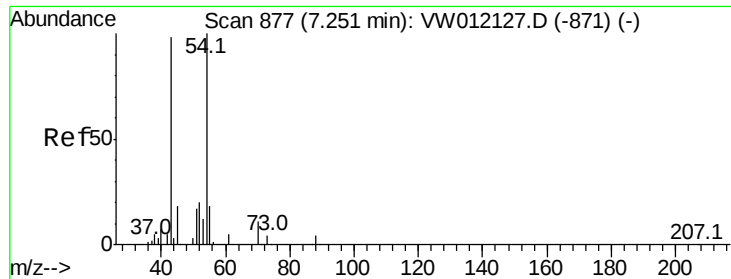
Acq: 04 Sep 2019 22:21

Tgt Ion:	75	Resp:	186260
Ion Ratio	Lower	Upper	
75	100		
110	31.2	15.6	46.8
77	30.6	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





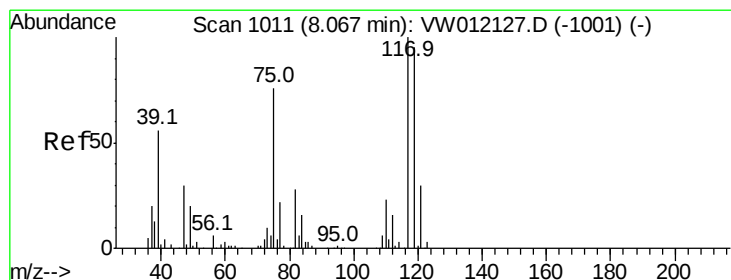
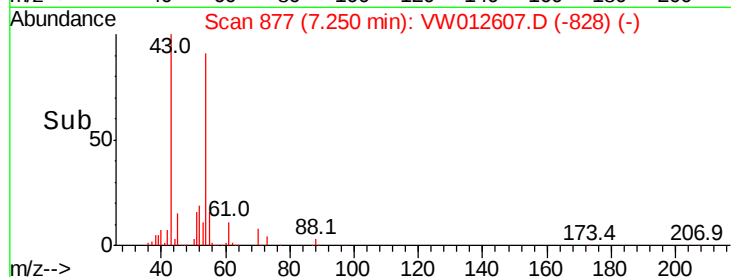
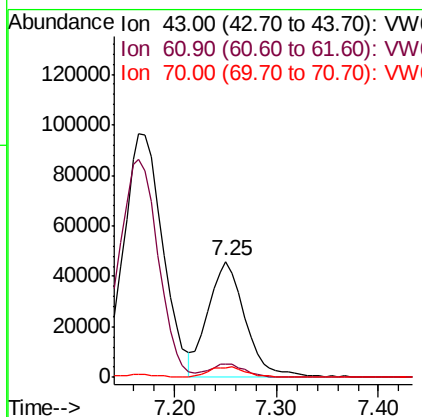
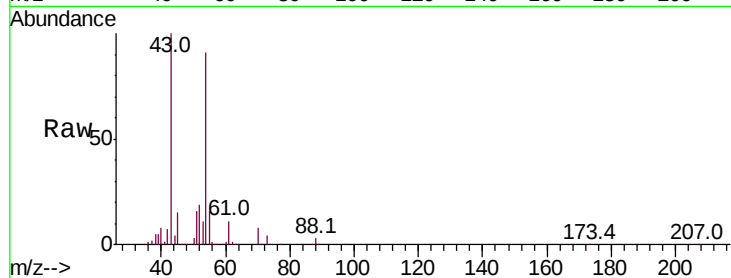
#37
Ethyl Acetate
Concen: 62.560 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	11.0	9.2	13.8	
70	9.0	6.9	10.3	

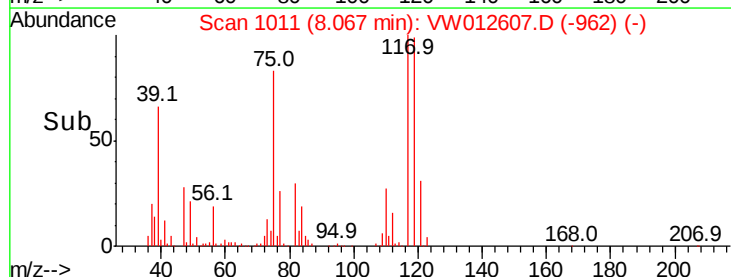
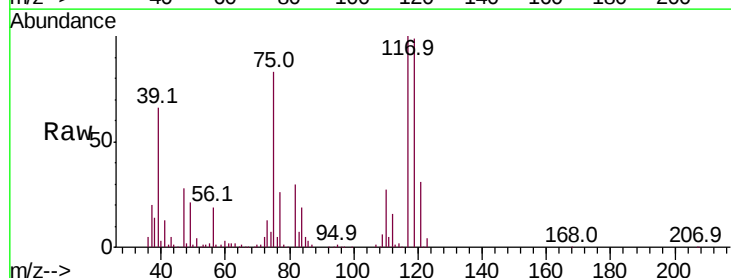
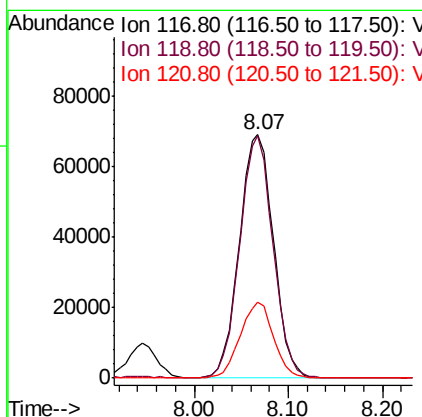
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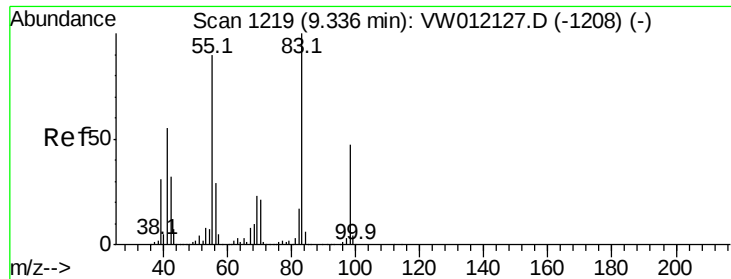
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#38
Carbon Tetrachloride
Concen: 59.777 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	76.2	114.2	
121	31.4	23.8	35.8	





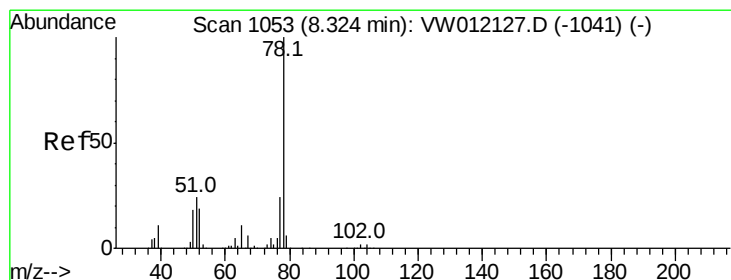
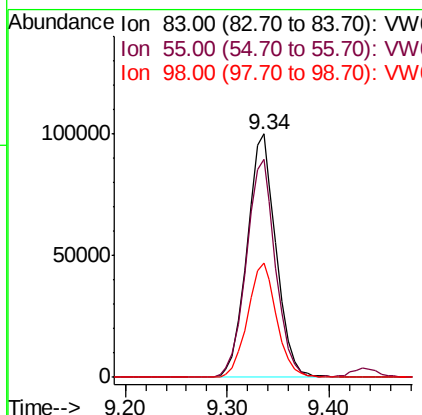
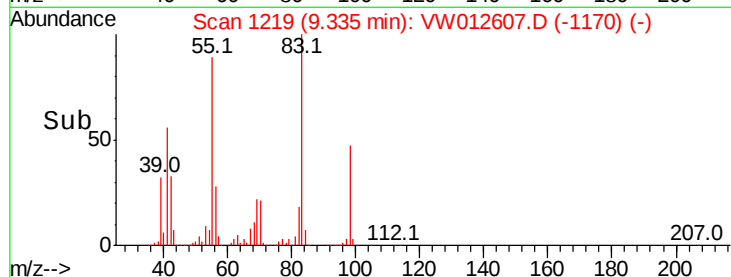
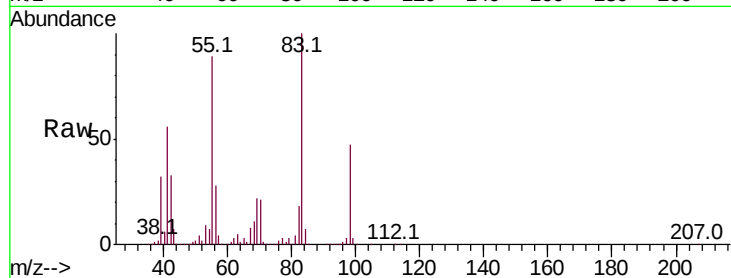
#39
Methvlcvclohexane
Concen: 52.181 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.3	71.8	107.8
98	46.9	37.8	56.8

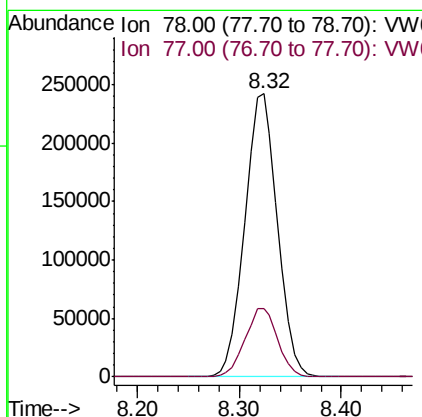
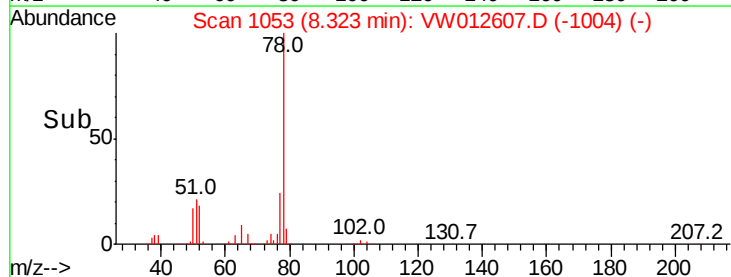
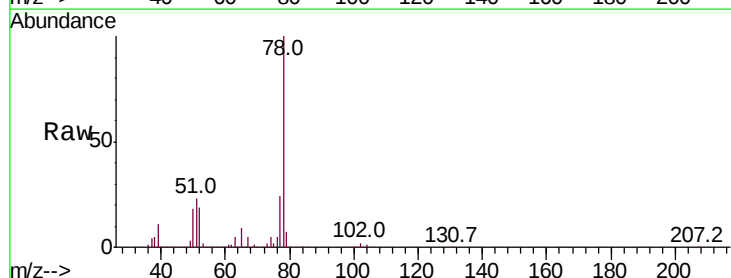
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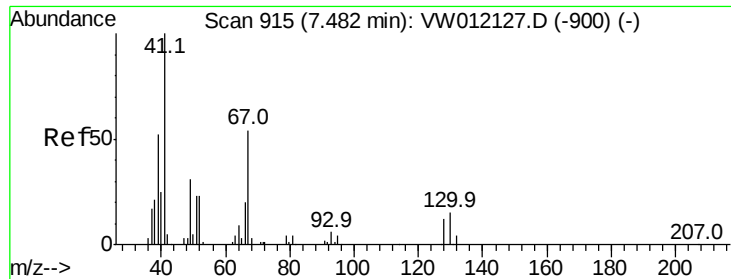
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#40
Benzene
Concen: 58.486 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





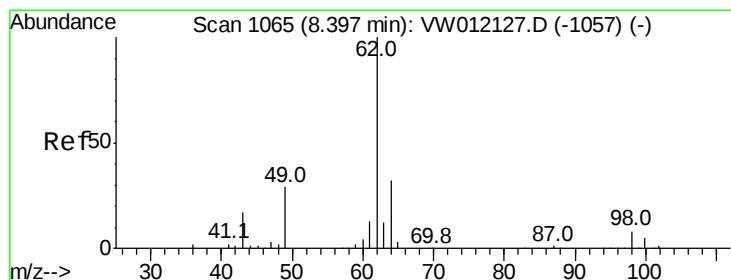
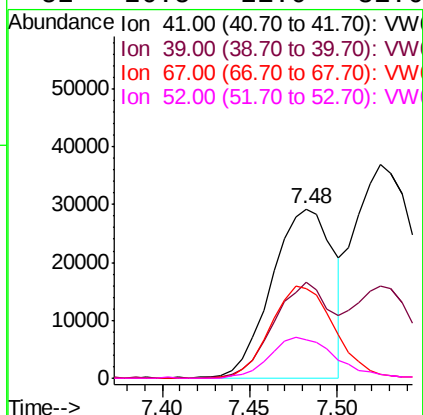
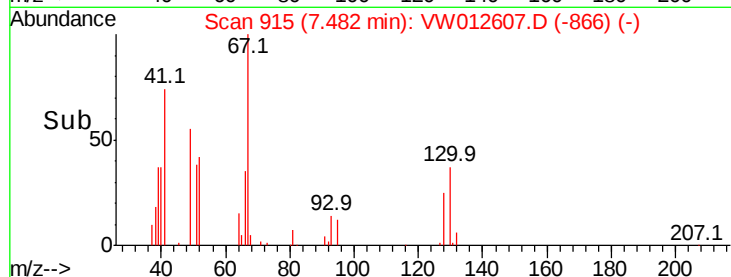
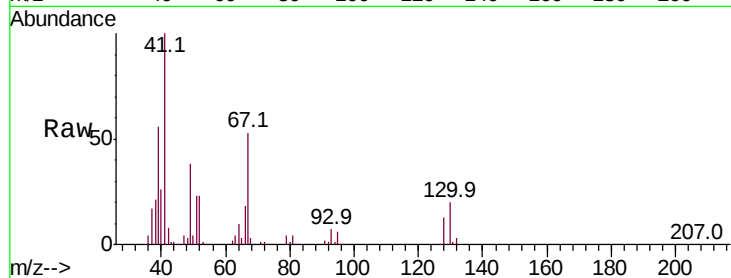
#41
Methacrylonitrile
Concen: 65.918 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	71575
Ion	Ratio	Lower	Upper
41	100		
39	53.5	45.8	68.8
67	57.1	46.2	69.4
52	26.5	21.0	31.6

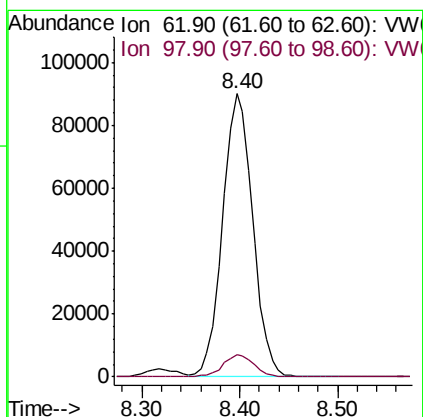
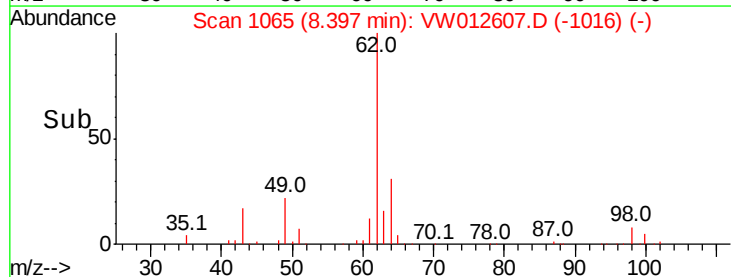
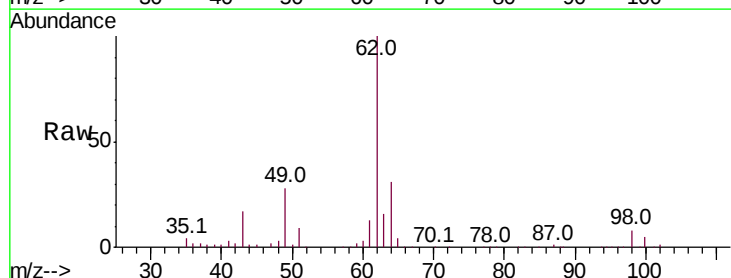
Manual Integrations
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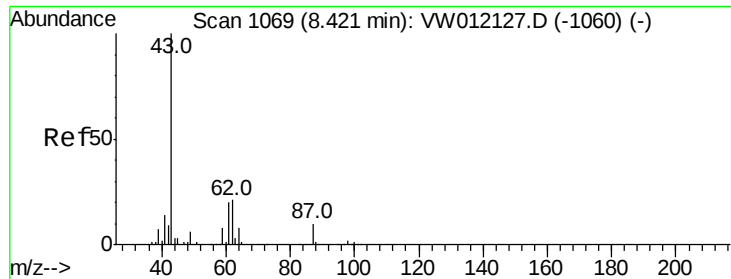
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#42
1,2-Dichloroethane
Concen: 66.489 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	62	Resp	191833
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 62.321 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

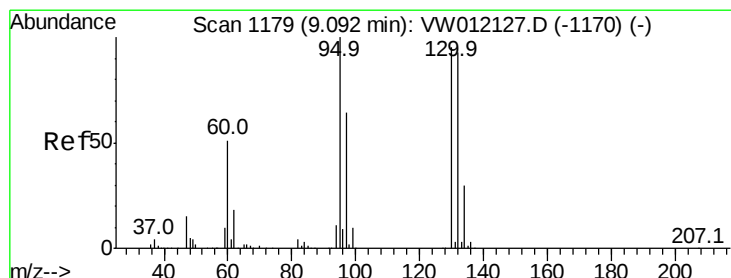
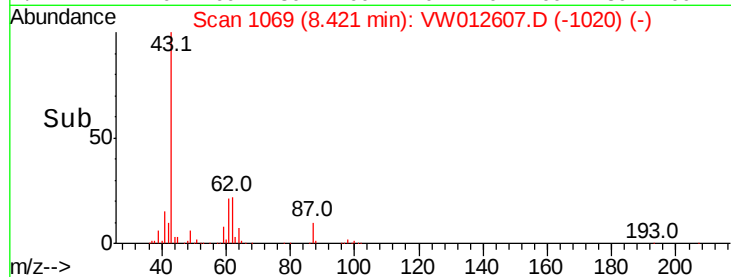
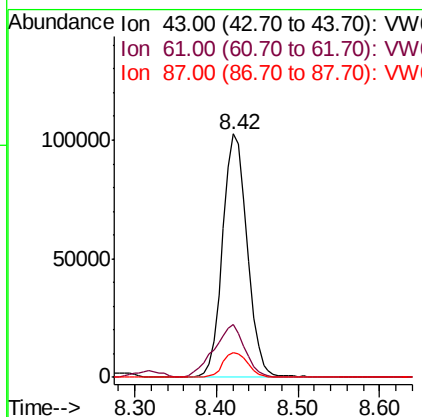
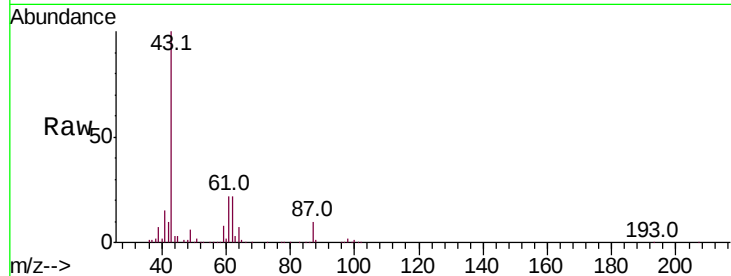
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	213270
Ion	Ratio	Lower	Upper
43	100		
61	27.2	21.1	31.7
87	10.5	8.2	12.2

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#44

Trichloroethene

Concen: 59.740 ug/l

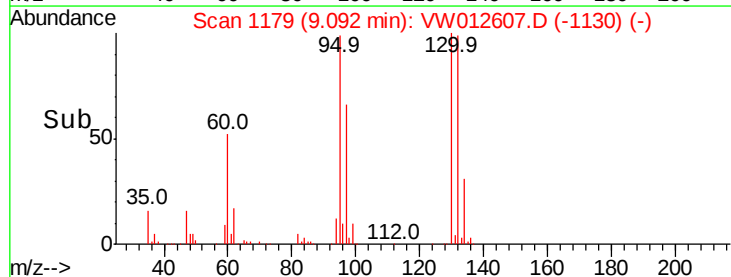
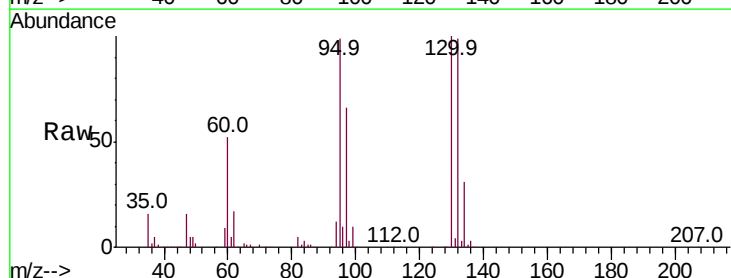
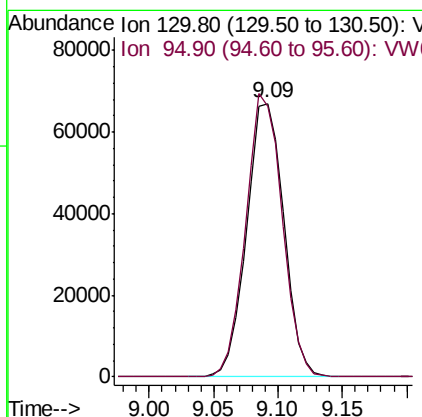
RT: 9.09 min Scan# 1179

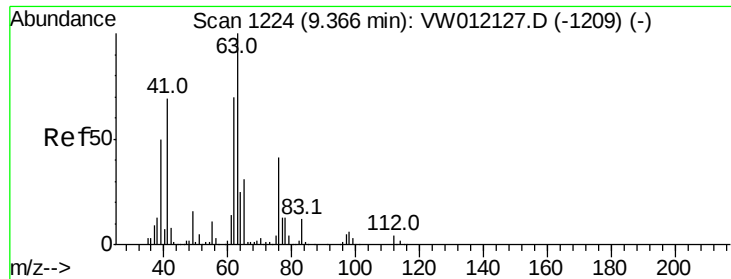
Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion:	130	Resp:	133693
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	210.6





#45

1,2-Dichloropropane

Concen: 59.458 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 147311

Ion Ratio Lower Upper

63 100

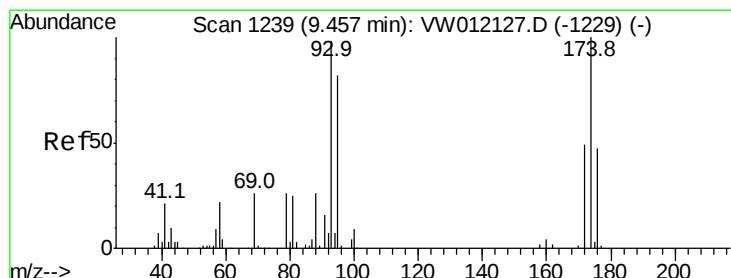
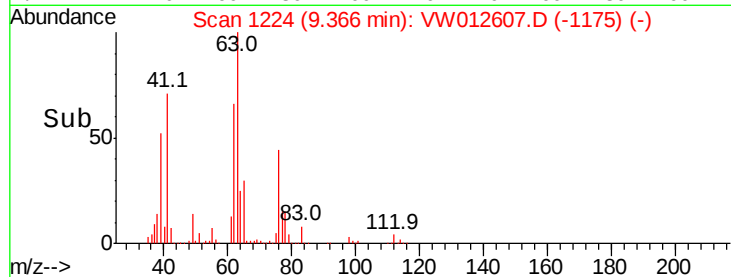
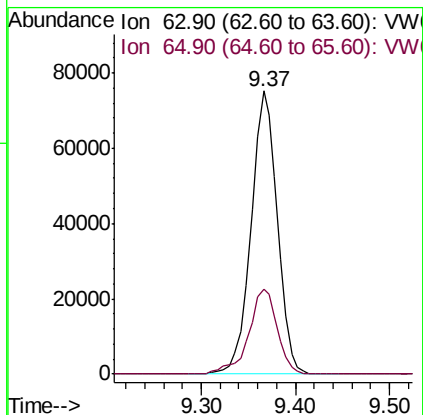
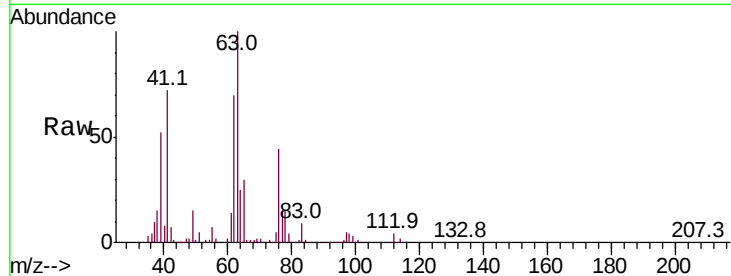
65 30.2 25.0 37.4

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9/7/2019 12:46:28 AM



#46

Dibromomethane

Concen: 64.601 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

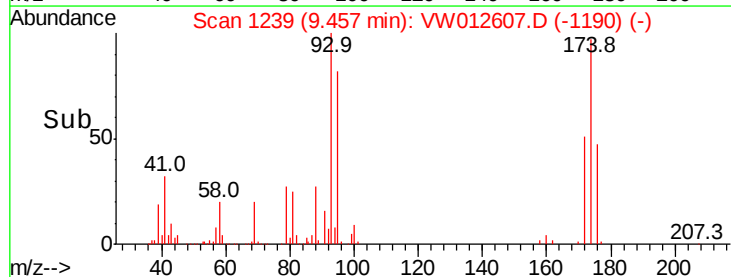
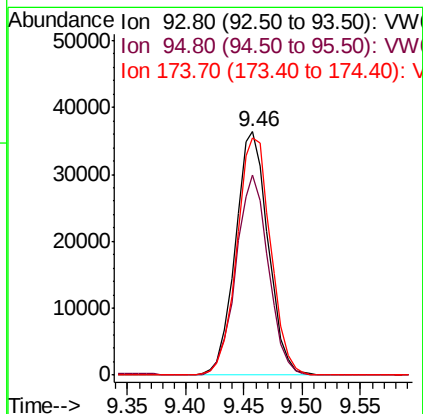
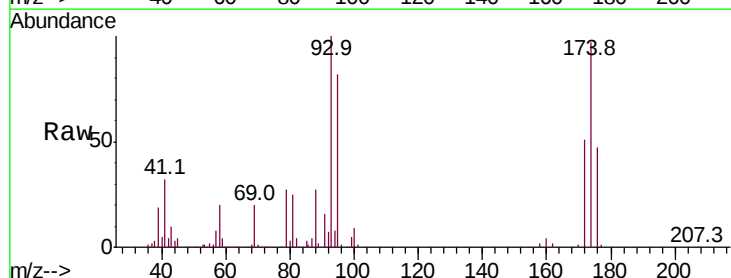
Tgt Ion: 93 Resp: 71213

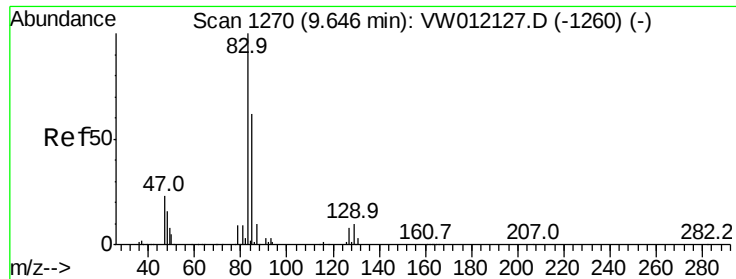
Ion Ratio Lower Upper

93 100

95 81.2 67.2 100.8

174 100.3 79.0 118.6





#47

Bromodichloromethane

Concen: 63.760 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

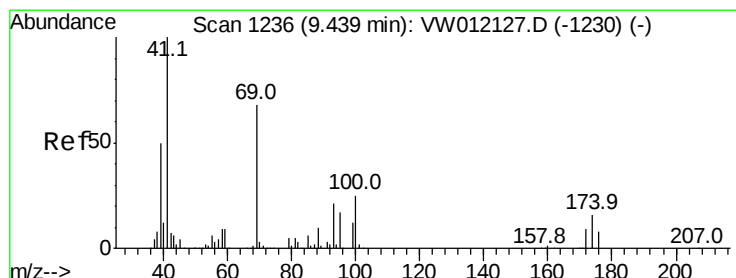
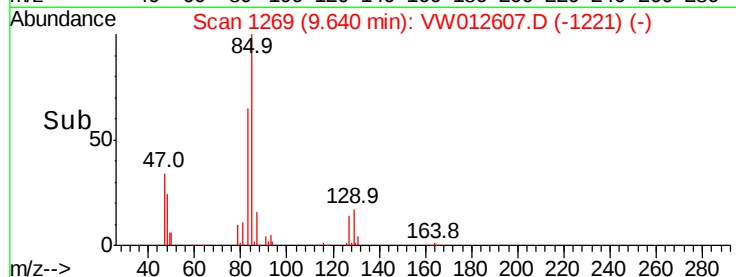
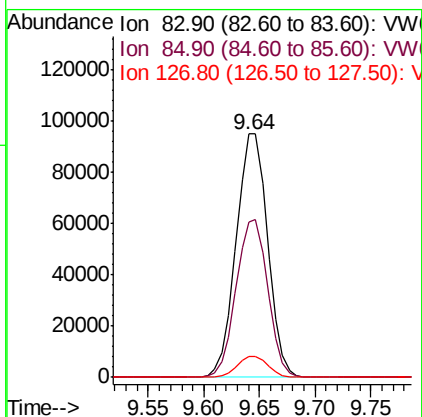
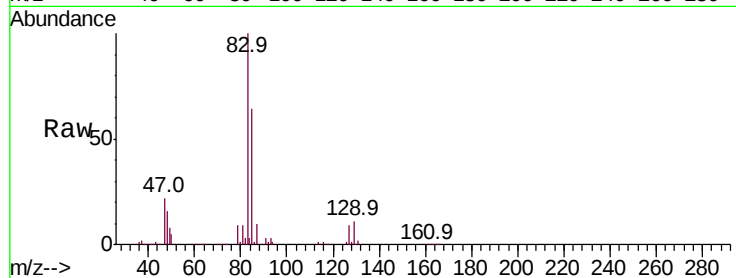
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	187058
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.4	74.2
127	8.7	6.1	9.1

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#48

Methyl methacrylate

Concen: 65.310 ug/l

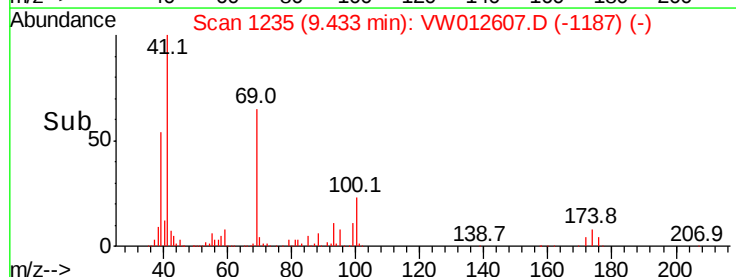
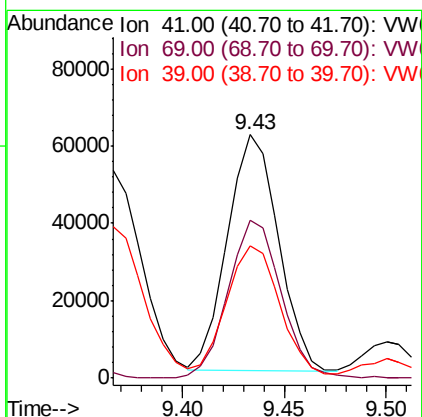
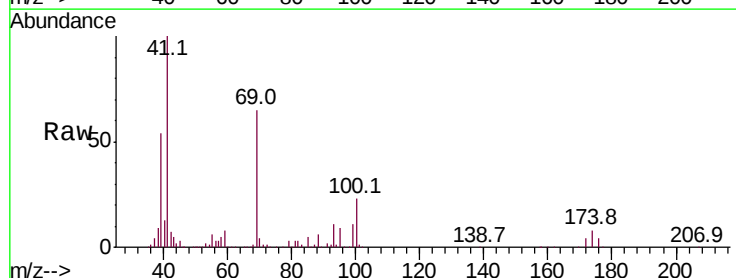
RT: 9.43 min Scan# 1235

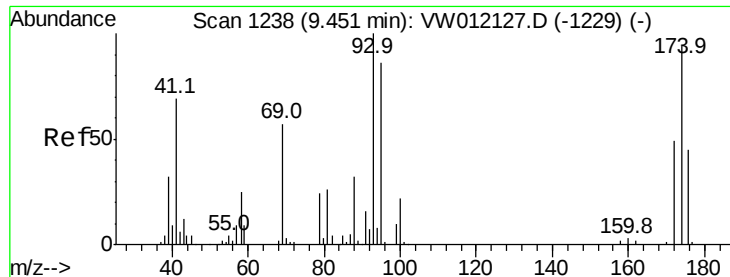
Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion:	41	Resp:	106374
Ion Ratio	Lower	Upper	
41	100		
69	69.0	56.7	85.1
39	59.4	42.0	63.0





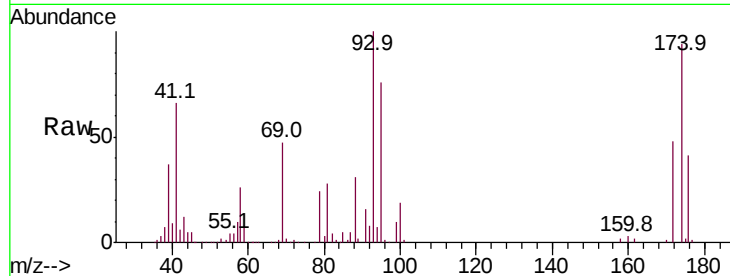
#49
 1,4-Dioxane
 Concen: 1345.196 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	22701
Ion	Ratio	Lower	Upper
88	100		
43	40.5	32.9	49.3
58	90.1	71.0	106.4

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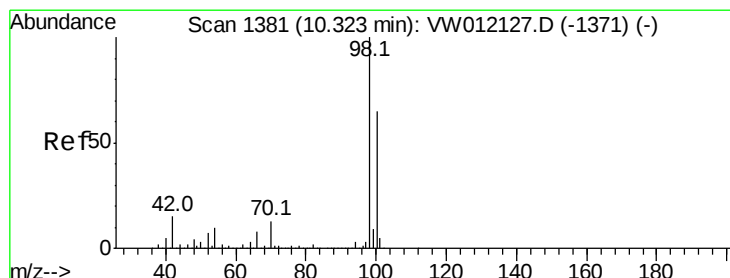
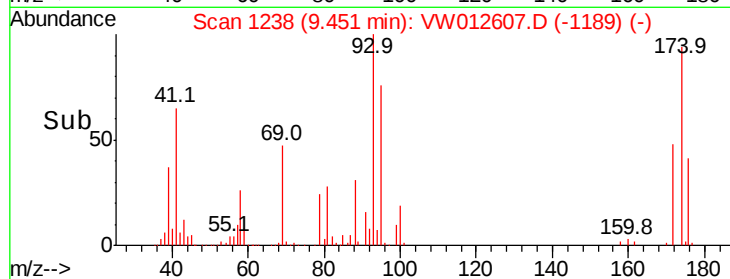
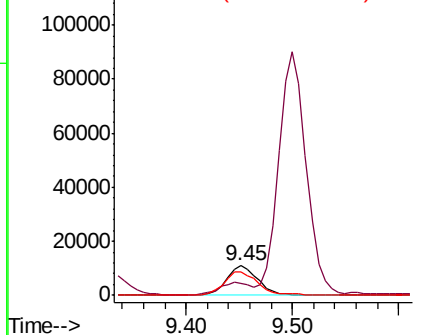


Abundance

Ion 88.00 (87.70 to 88.70): VW

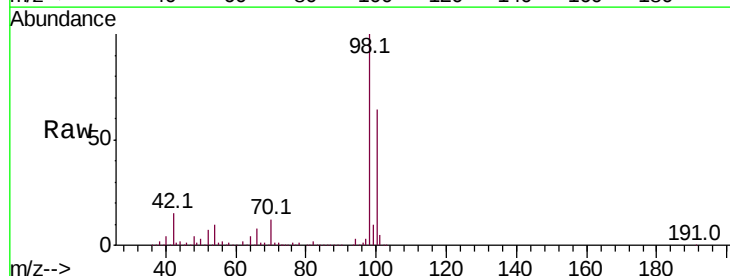
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
 Toluene-d8
 Concen: 49.574 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

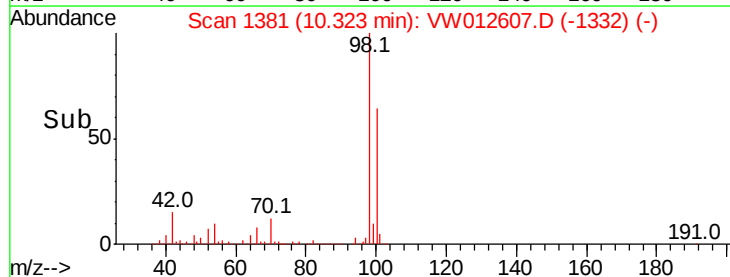
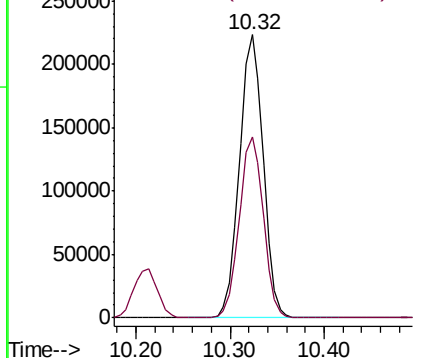
Tgt Ion	98	Resp	391436
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6

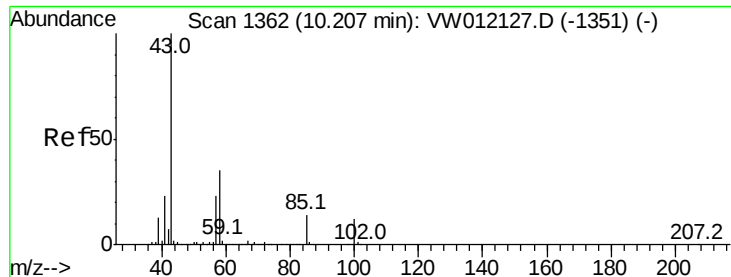


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 323.521 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 563117

Ion Ratio Lower Upper

43 100

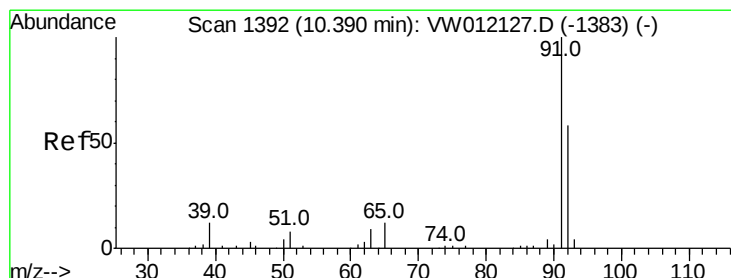
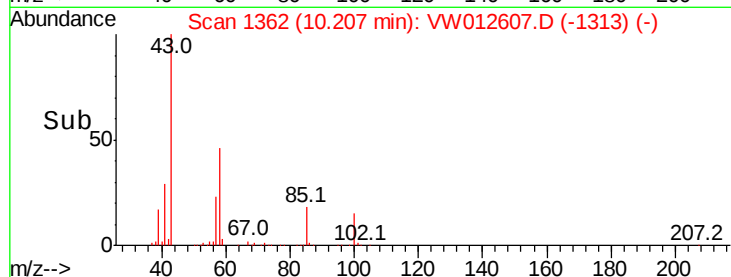
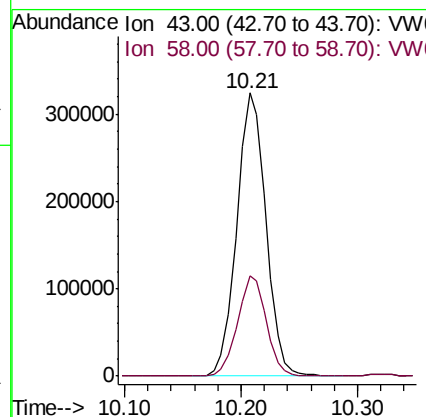
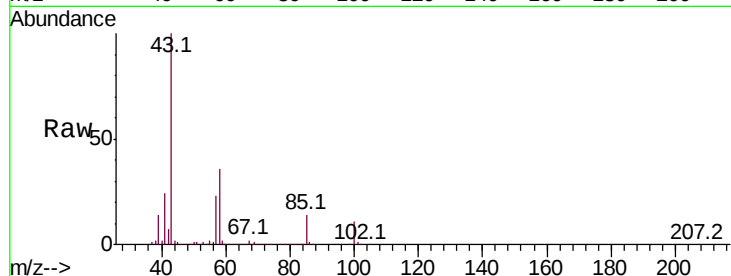
58 35.1 28.2 42.2

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#52

Toluene

Concen: 59.322 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012607.D

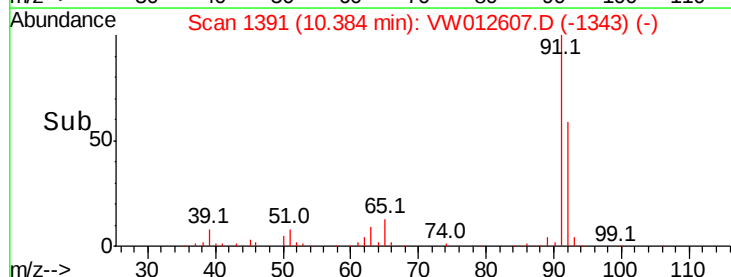
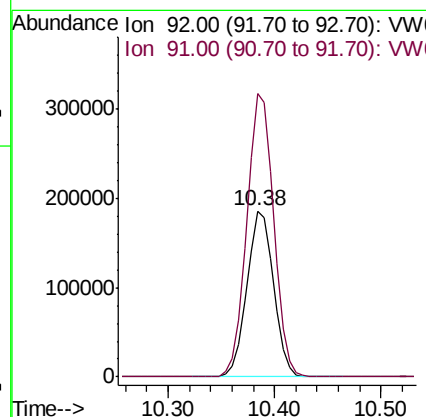
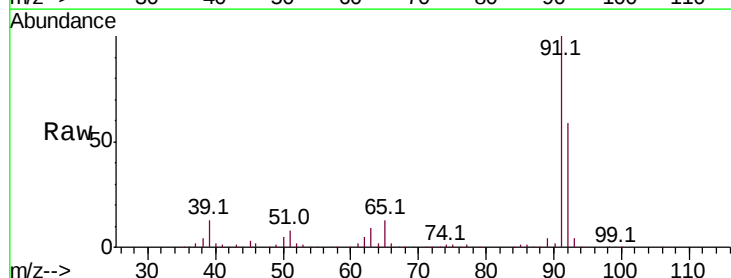
Acq: 04 Sep 2019 22:21

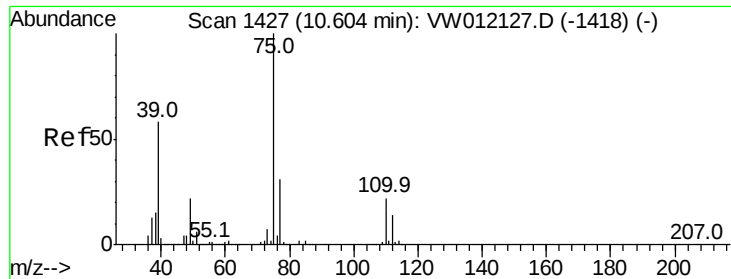
Tgt Ion: 92 Resp: 328072

Ion Ratio Lower Upper

92 100

91 172.0 136.6 204.8





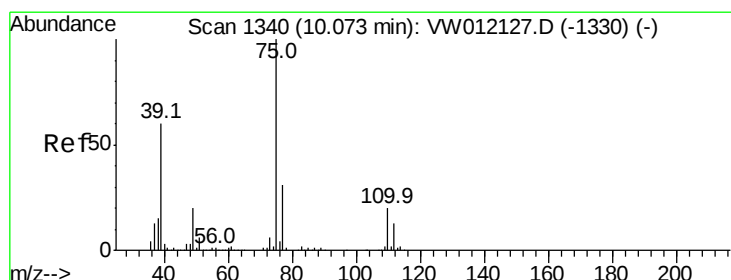
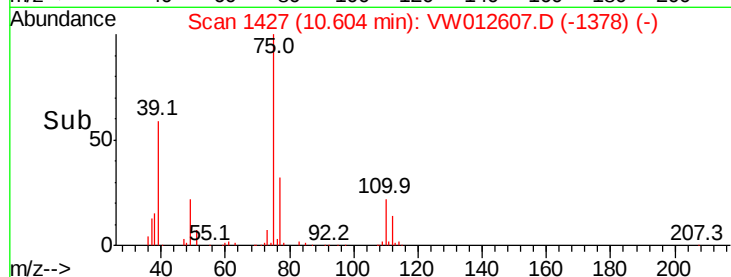
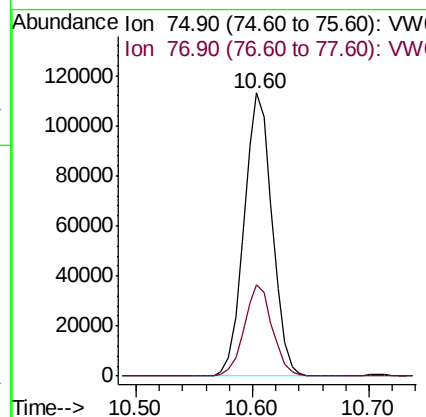
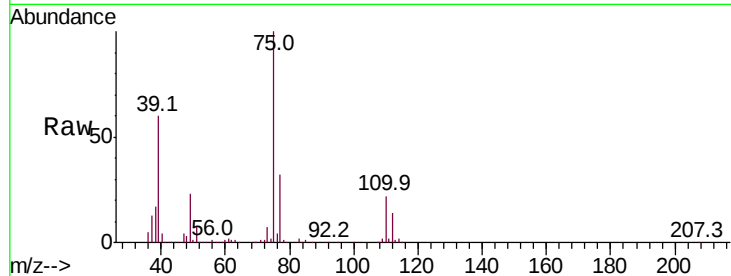
#53
 t-1,3-Dichloropropene
 Concen: 63.690 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4

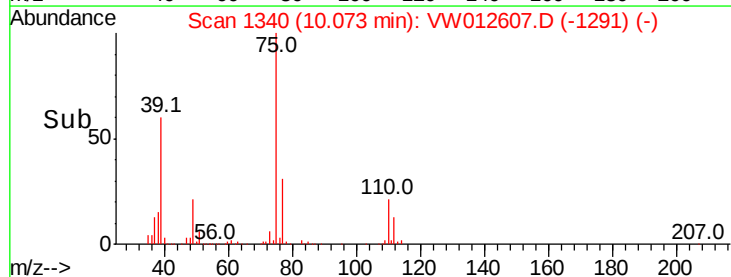
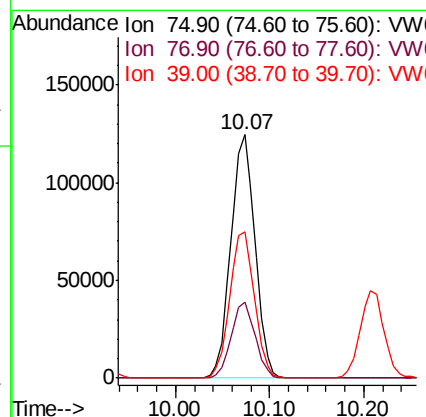
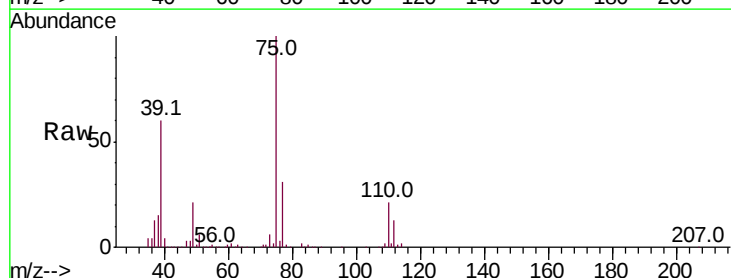
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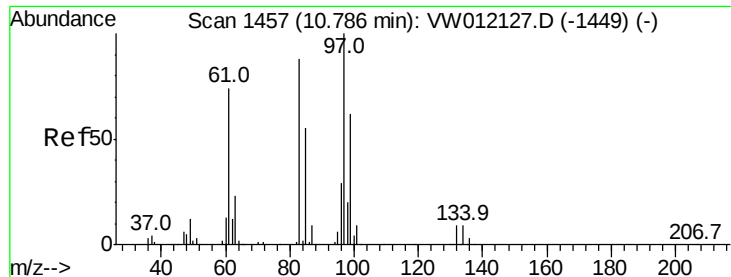
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#54
 cis-1,3-Dichloropropene
 Concen: 61.482 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.1	37.7
39	60.3	48.3	72.5





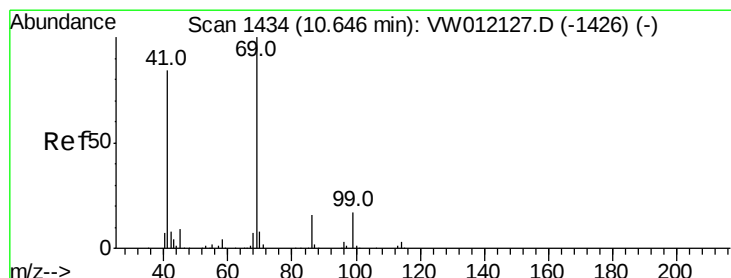
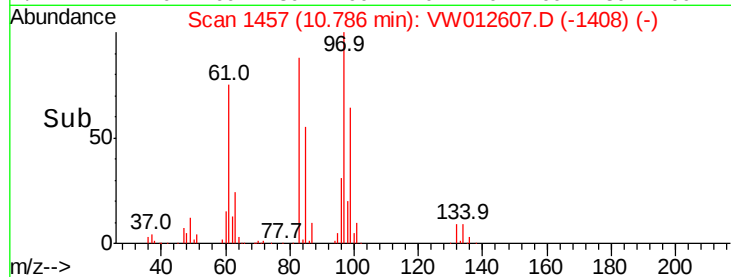
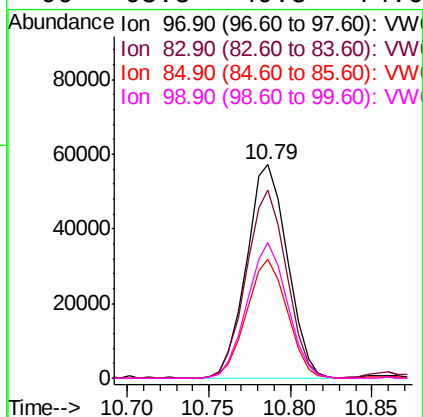
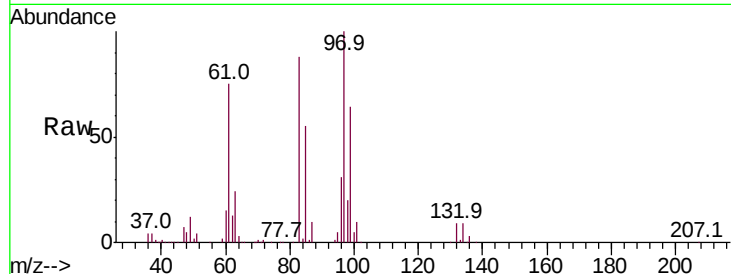
#55
 1,1,2-Trichloroethane
 Concen: 64.325 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	100325		
83	87.8		70.8	106.2
85	55.5		43.8	65.8
99	63.8		49.8	74.6

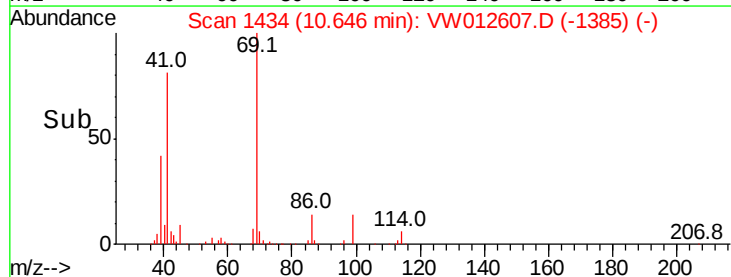
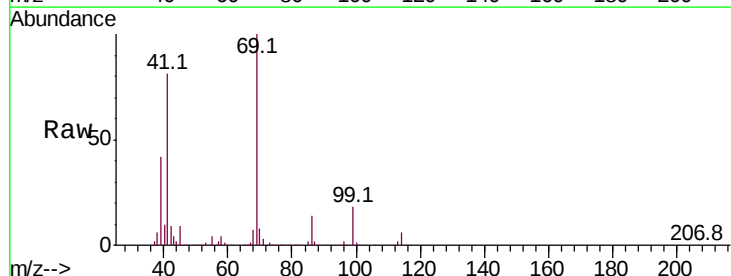
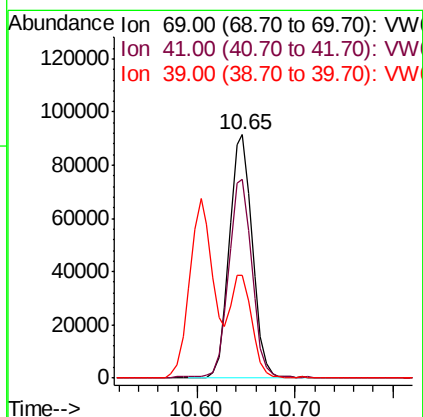
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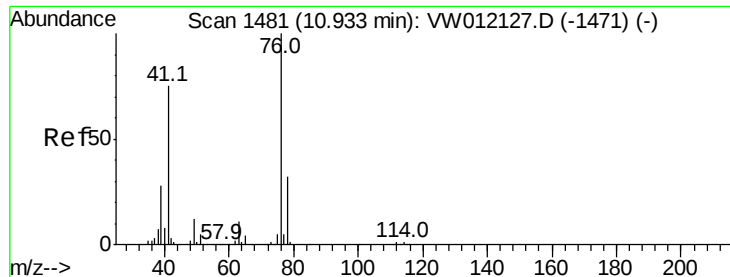
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 9/7/2019 12:46:28 AM



#56
 Ethyl methacrylate
 Concen: 65.718 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	149177		
41	82.7		66.5	99.7
39	38.4		31.0	46.4





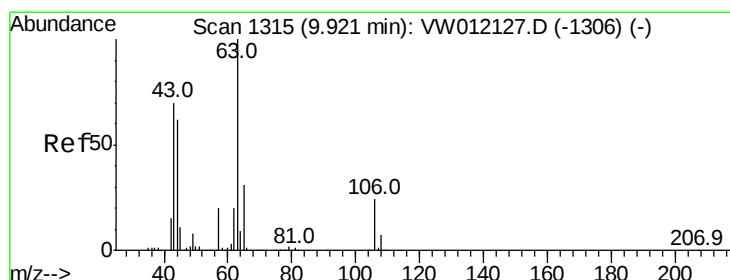
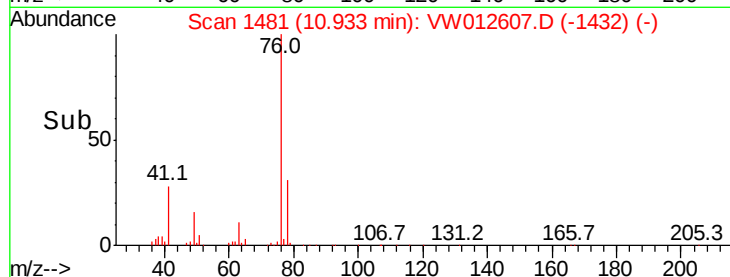
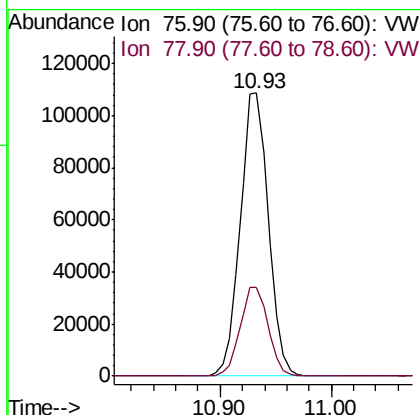
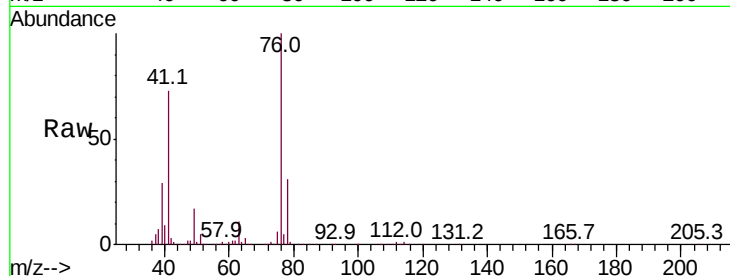
#57
 1,3-Dichloropropane
 Concen: 64.576 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 190330
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.8

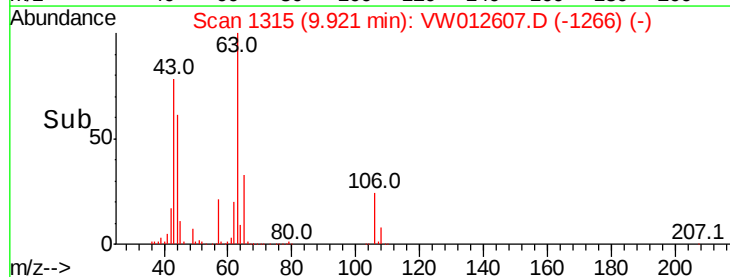
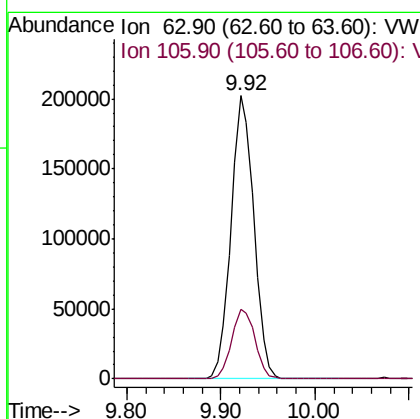
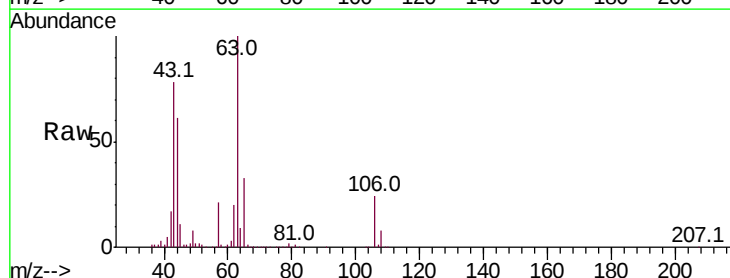
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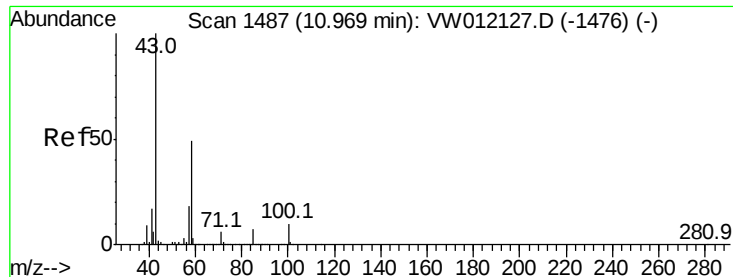
MMDadoda
 9/7/2019 12:46:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 291.110 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 63 Resp: 339142
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.8





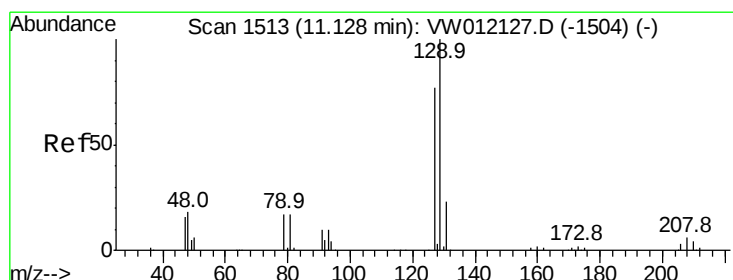
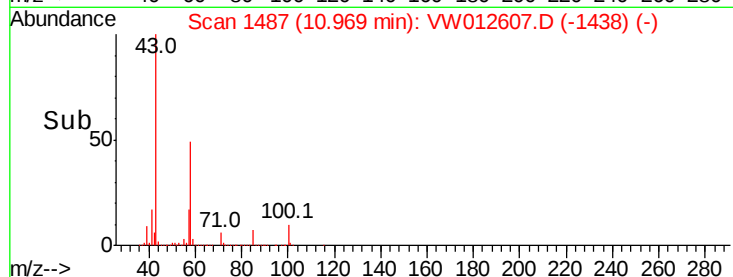
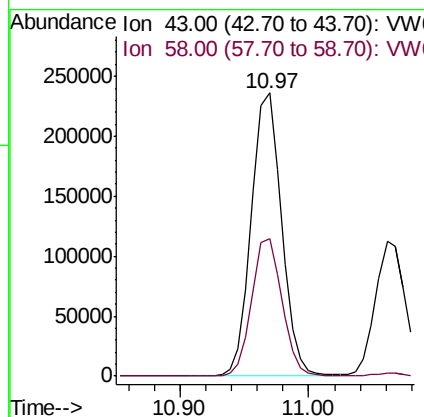
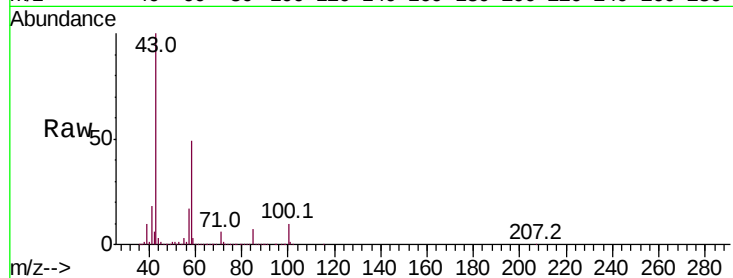
#59
2-Hexanone
Concen: 311.621 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 383785
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9

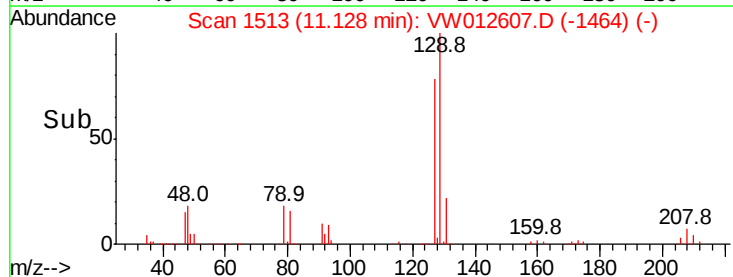
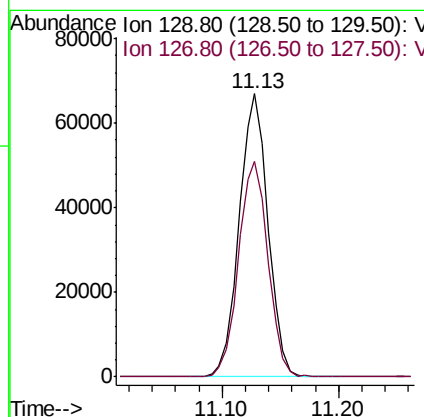
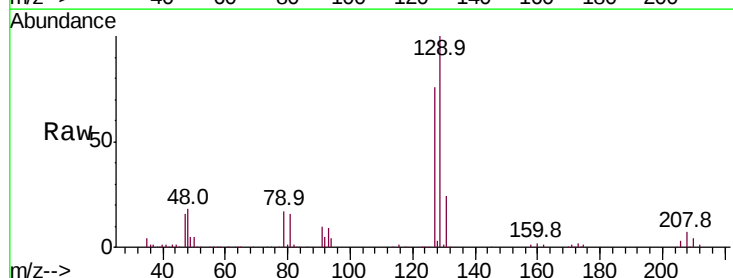
Manual Integrations
APPROVED

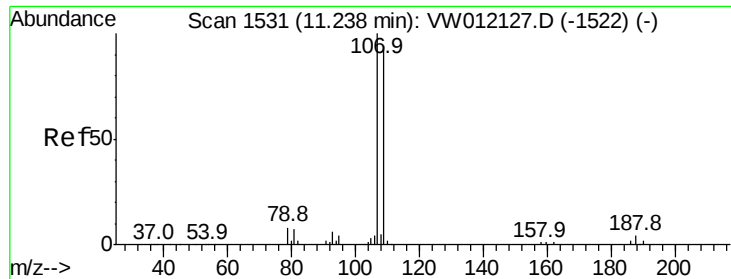
MMDadoda
9/7/2019 12:46:28 AM



#60
Dibromochloromethane
Concen: 66.285 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion: 129 Resp: 115151
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





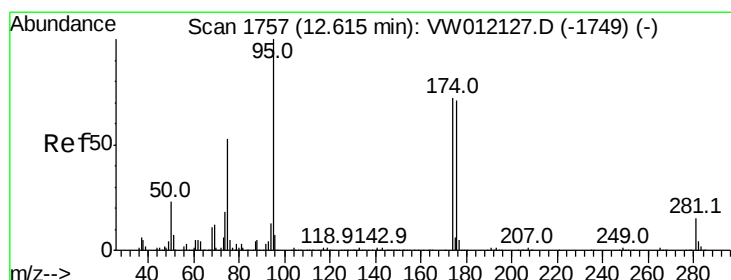
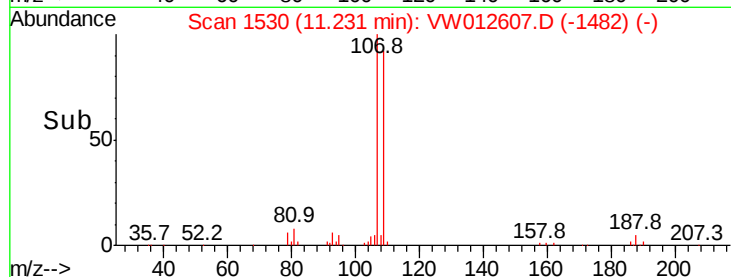
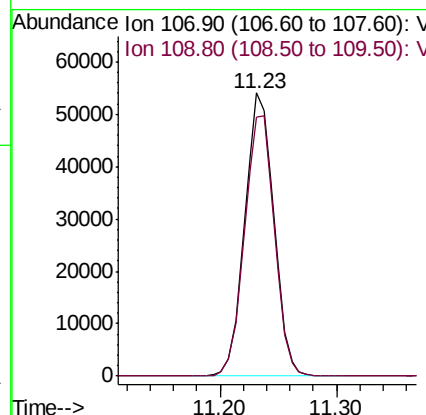
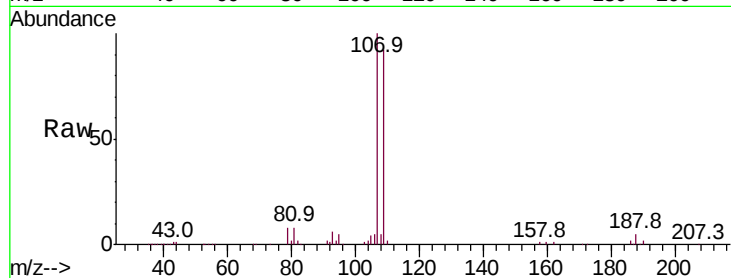
#61
 1,2-Dibromoethane
 Concen: 64.942 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.4	113.2

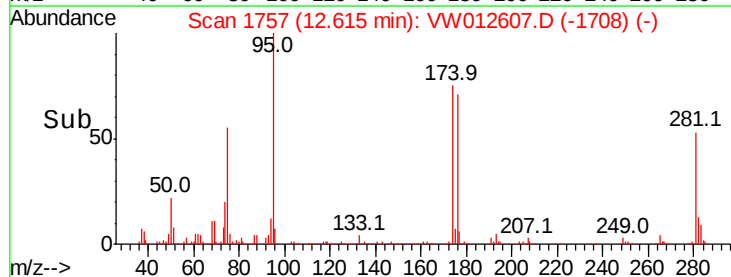
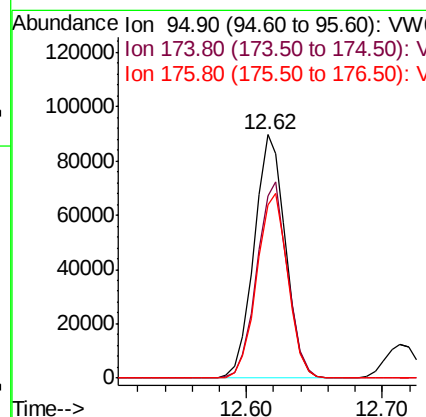
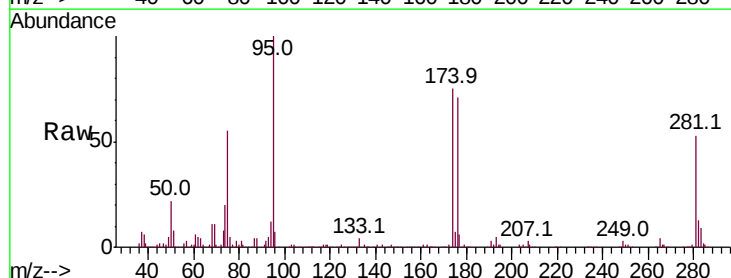
Manual Integrations
 APPROVED

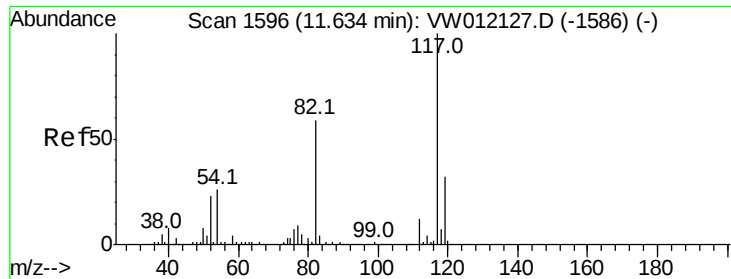
MMDadoda
 9/7/2019 12:46:28 AM



#62
 4-Bromofluorobenzene
 Concen: 52.175 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	150.8
176	75.0	0.0	148.6





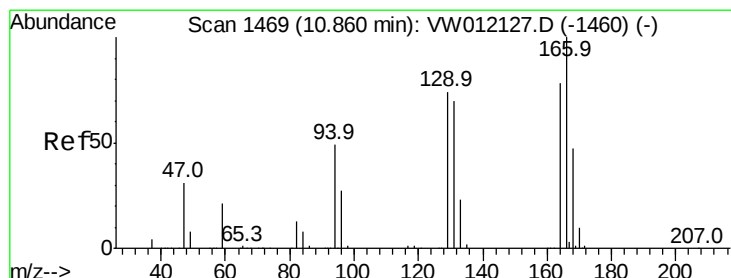
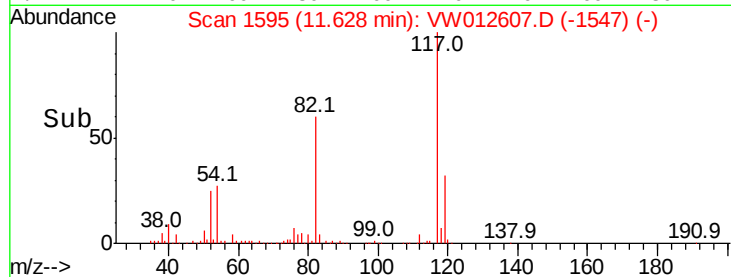
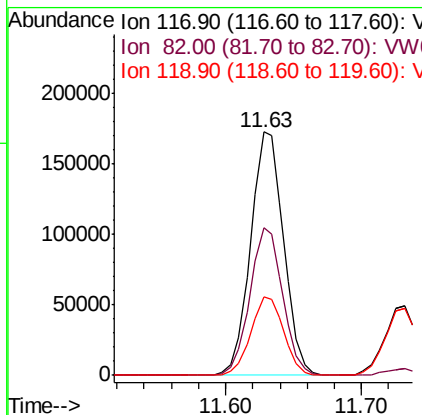
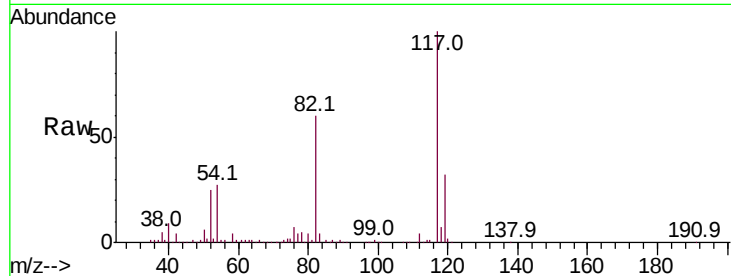
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	293523		
82	60.5		47.4	71.2
119	32.1		25.4	38.2

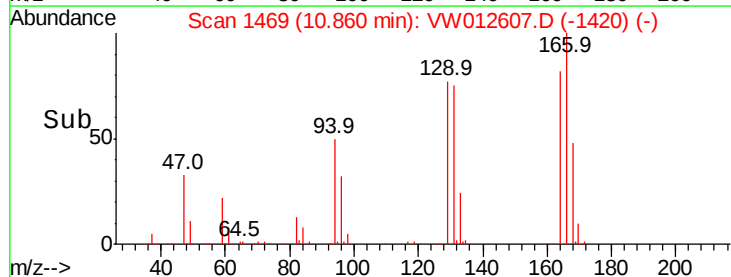
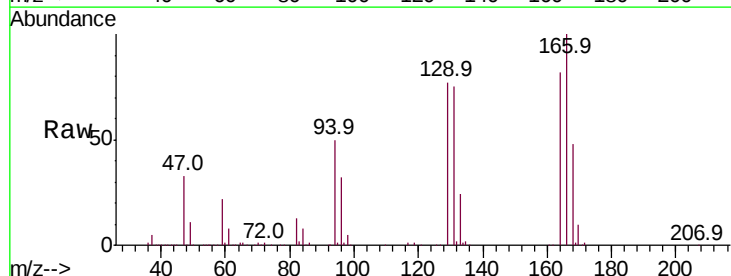
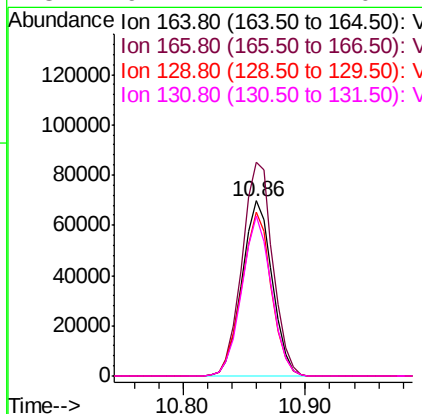
Manual Integrations
APPROVED

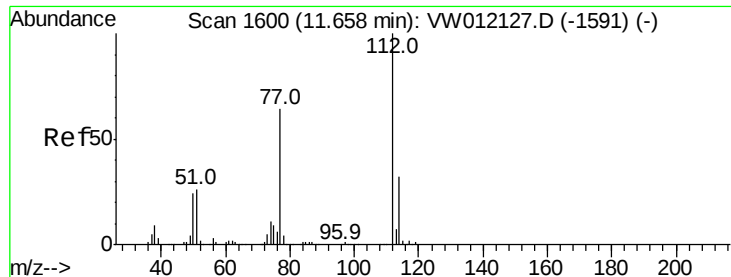
MMDadoda
9/7/2019 12:46:28 AM



#64
Tetrachloroethene
Concen: 62.666 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119254		
166	122.0		102.4	153.6
129	93.7		75.8	113.6
131	91.1		71.4	107.2





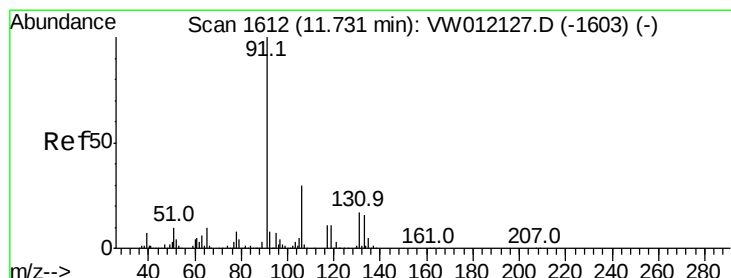
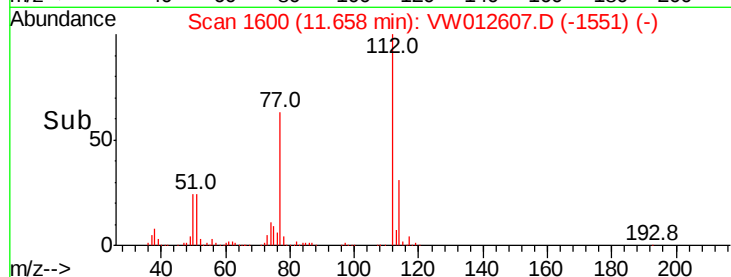
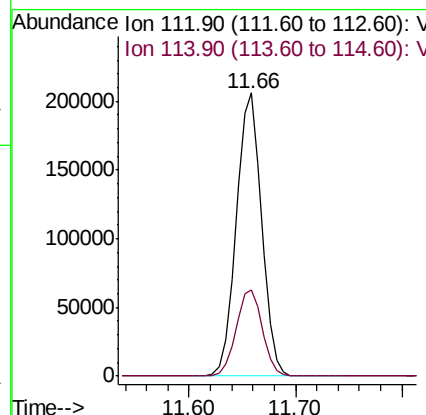
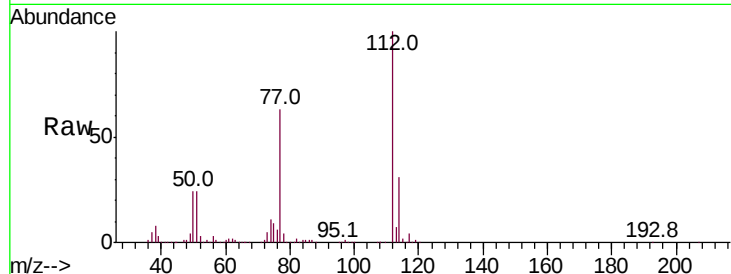
#65
Chlorobenzene
Concen: 59.407 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.8	38.6

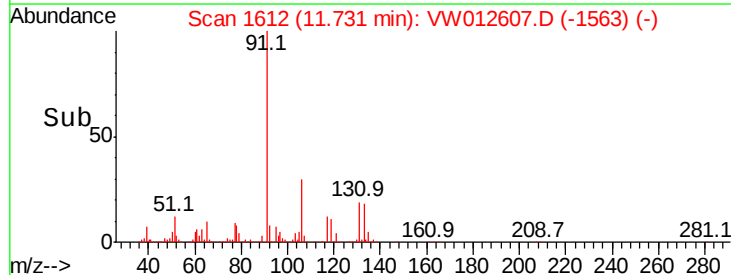
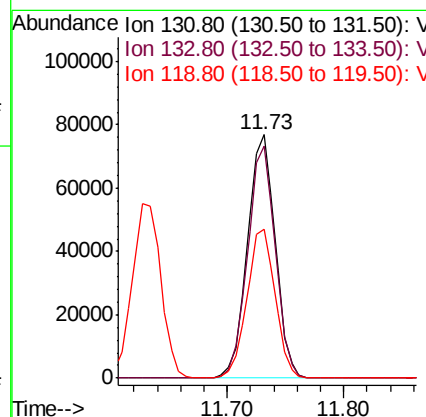
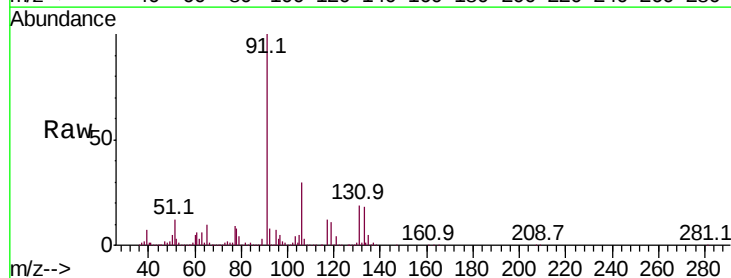
Manual Integrations
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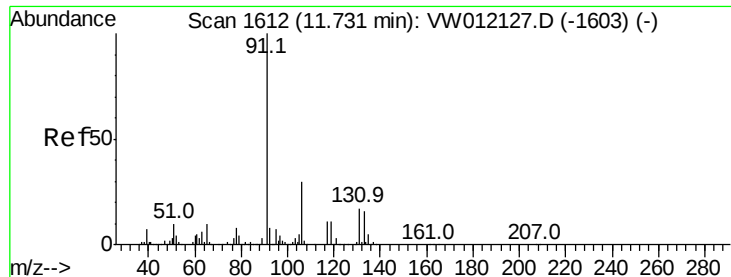
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 63.803 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.1	141.3
119	62.0	31.8	95.3





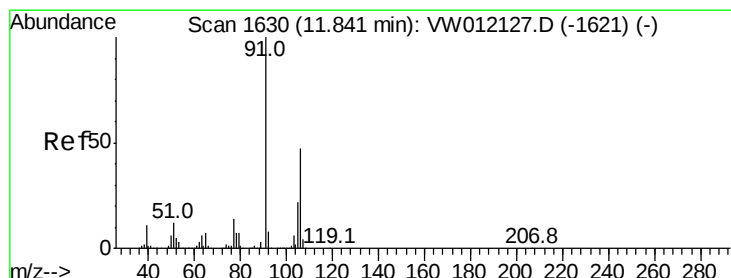
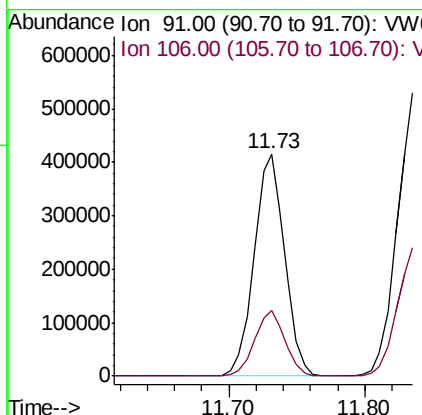
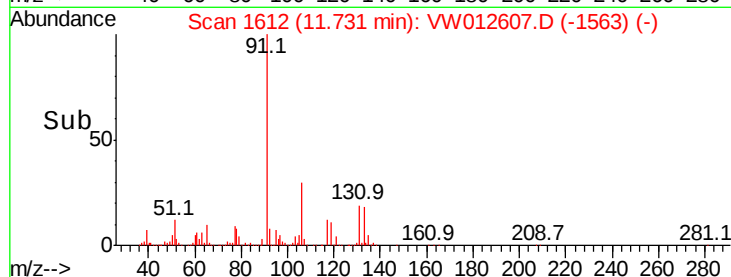
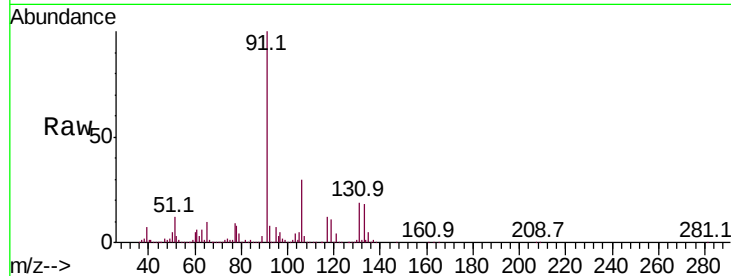
#67
Ethyl Benzene
Concen: 58.654 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.3	36.5

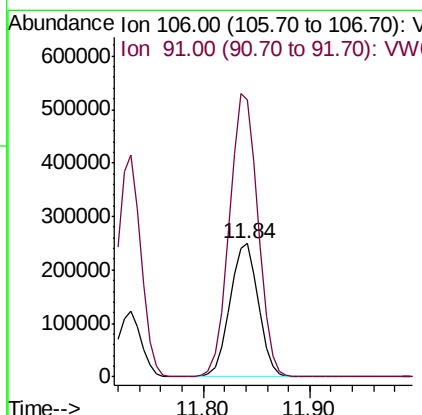
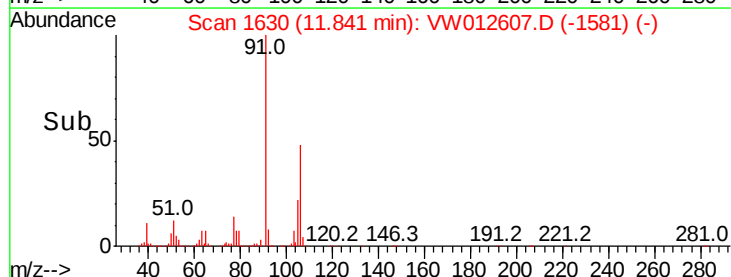
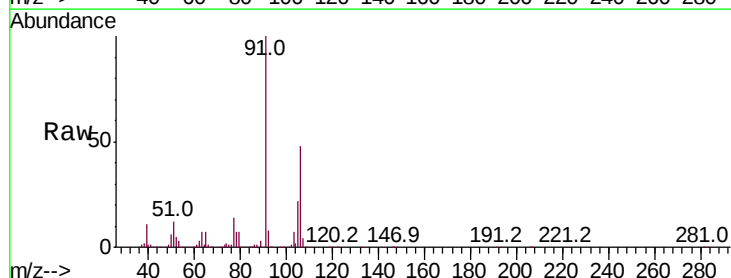
Manual Integrations
APPROVED

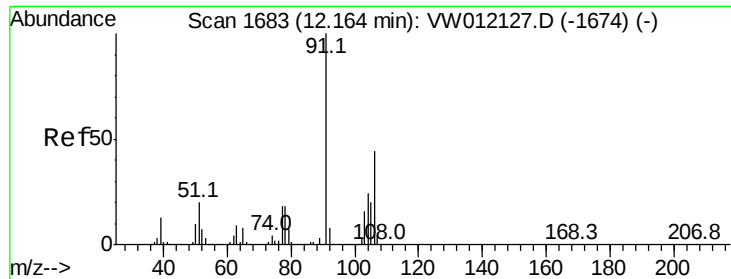
MMDadoda
9/7/2019 12:46:28 AM



#68
m/p-Xylenes
Concen: 116.443 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.4	169.5	254.3





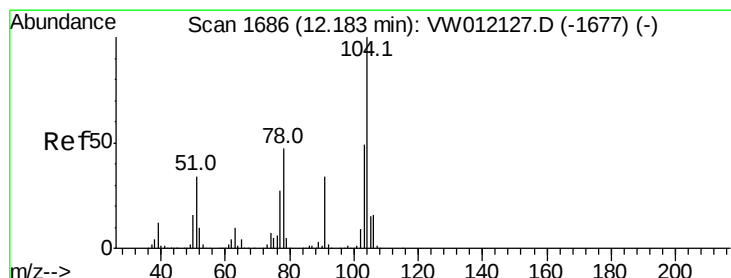
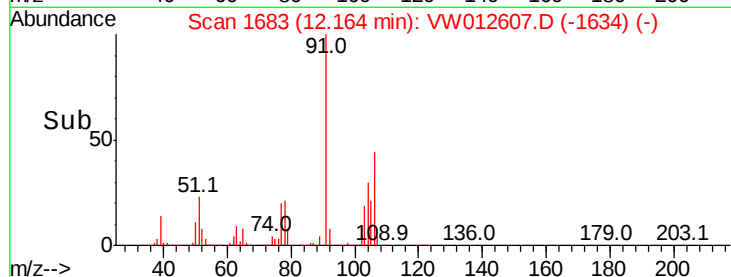
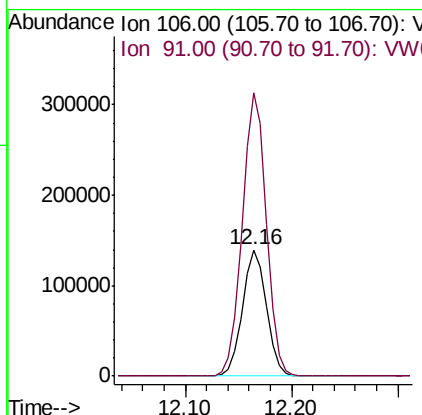
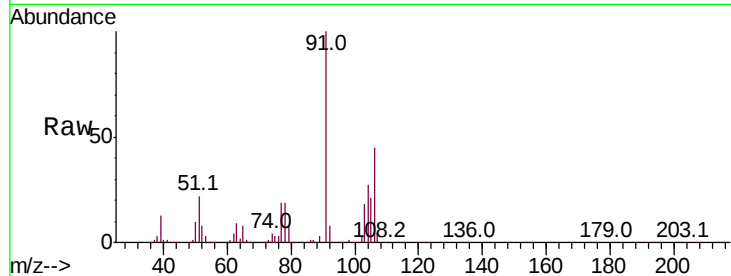
#69
o-Xylene
Concen: 59.392 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 220452
Ion Ratio Lower Upper
106 100
91 225.0 111.6 334.6

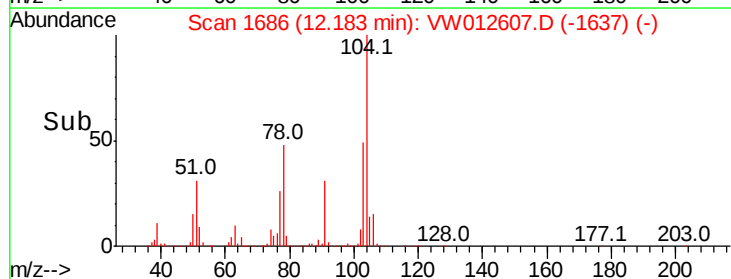
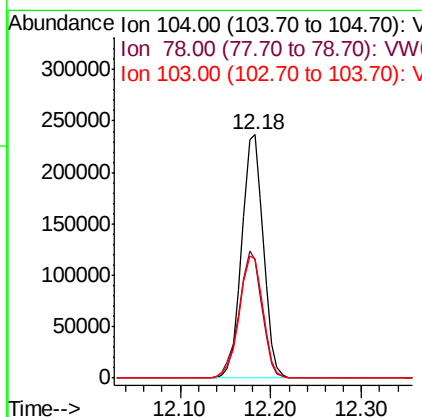
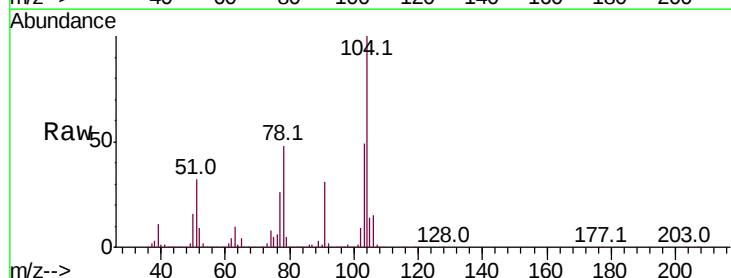
Manual Integrations
APPROVED

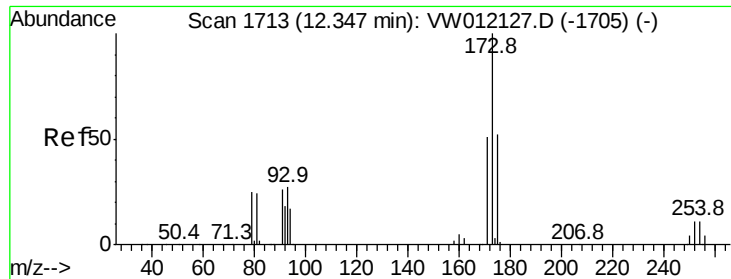
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9/7/2019 12:46:28 AM



#70
Styrene
Concen: 60.843 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion:104 Resp: 390903
Ion Ratio Lower Upper
104 100
78 55.3 43.1 64.7
103 54.8 43.5 65.3





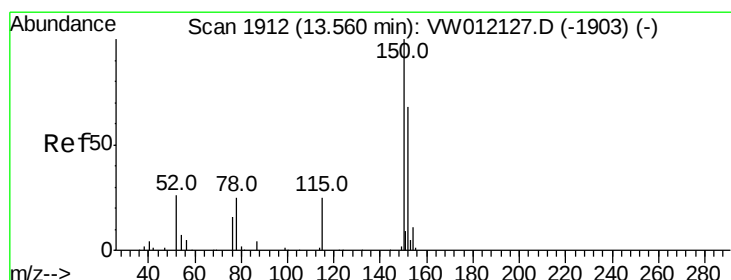
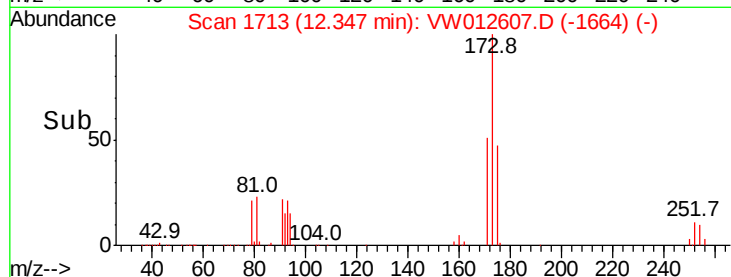
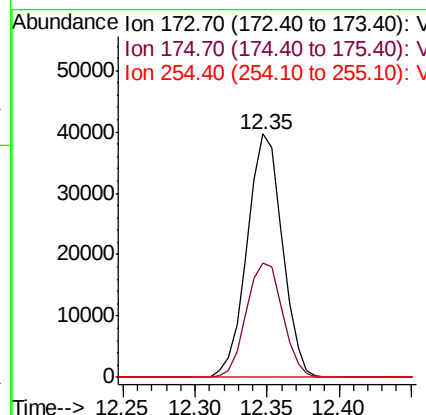
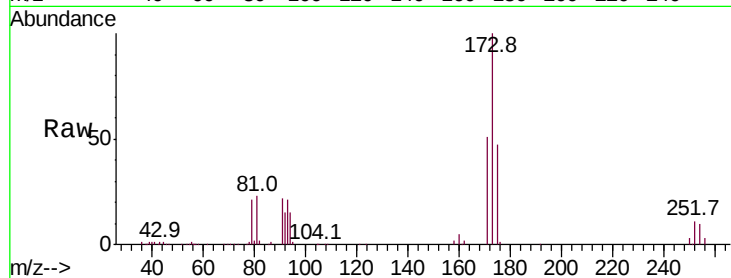
#71
Bromoform
Concen: 66.765 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	74.0
254	0.0	0.2	0.2

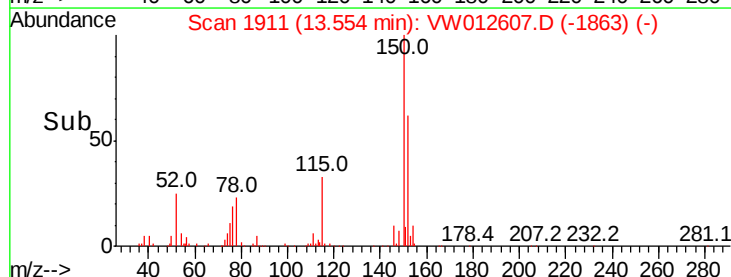
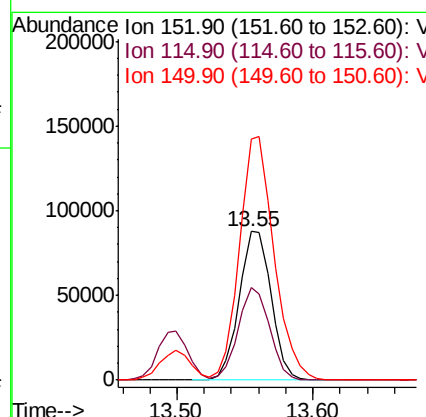
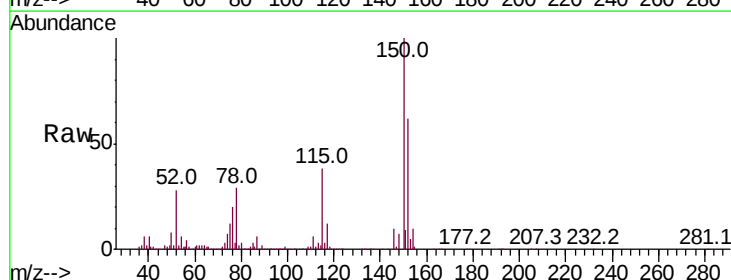
Manual Integrations
APPROVED

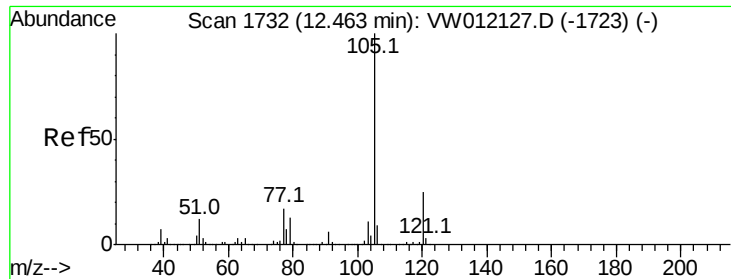
MMDadoda
9/7/2019 12:46:28 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.1	90.3
150	176.6	0.0	345.8





#73

Isopropylbenzene

Concen: 56.967 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 614971

Ion Ratio Lower Upper

105 100

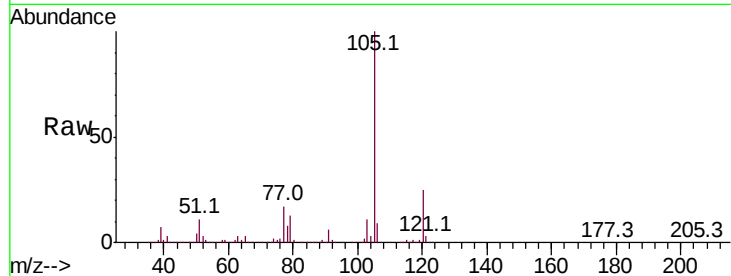
120 25.5 12.5 37.5

Manual Integrations

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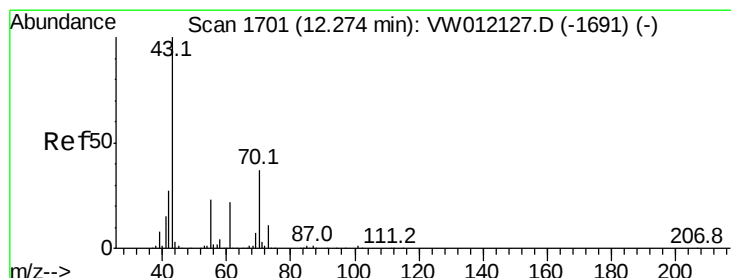
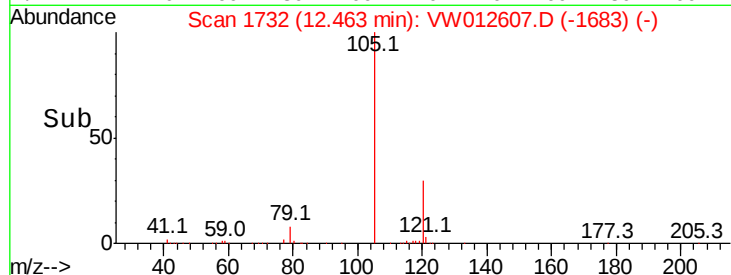
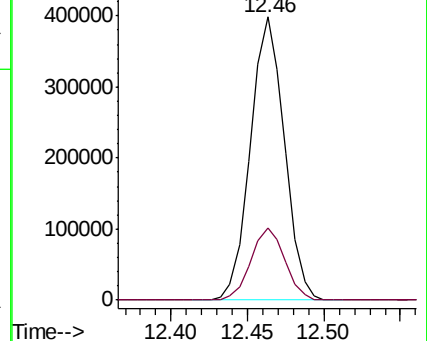
MMDadoda

9/7/2019 12:46:28 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.298 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion: 43 Resp: 193404

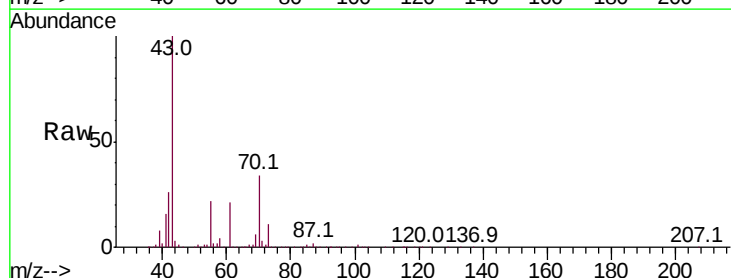
Ion Ratio Lower Upper

43 100

70 35.8 28.6 43.0

55 22.7 17.8 26.6

61 21.5 17.3 25.9

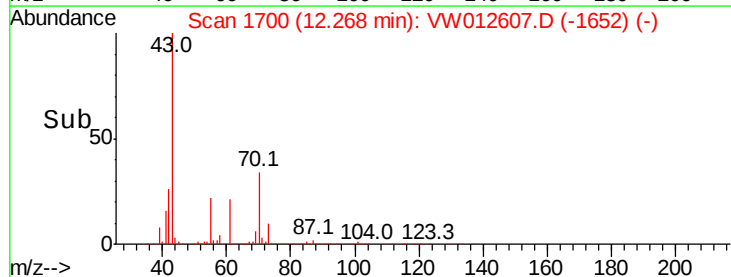
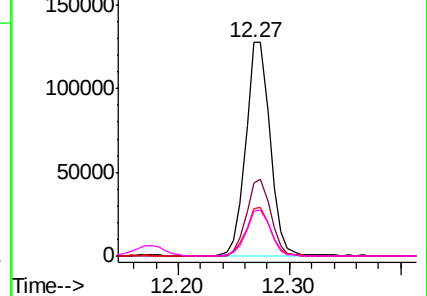


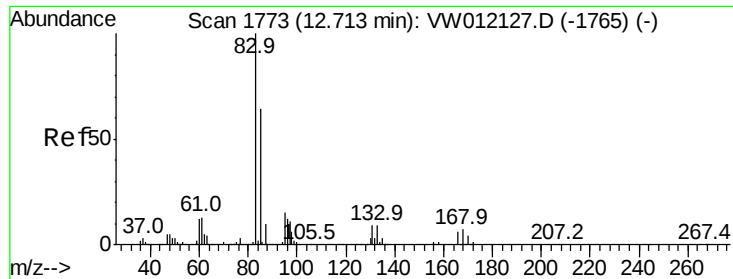
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 58.920 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

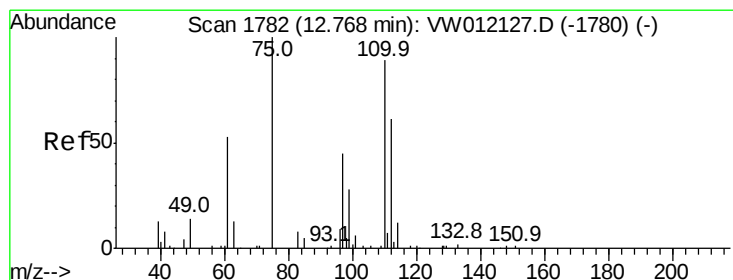
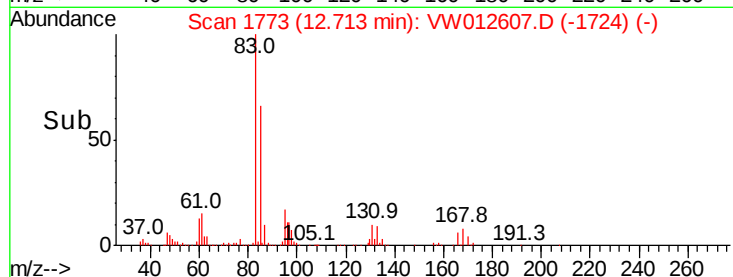
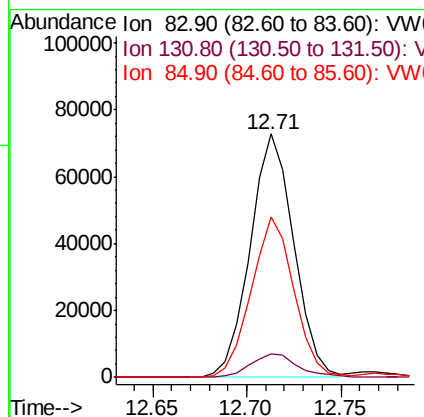
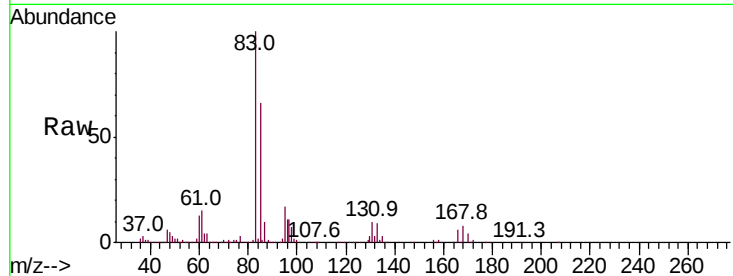
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	116608
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.9	14.7
85	64.7	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 57.176 ug/l m

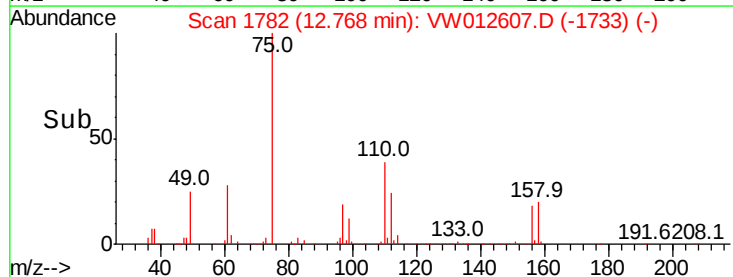
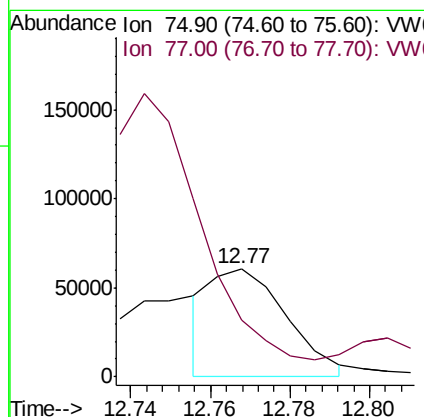
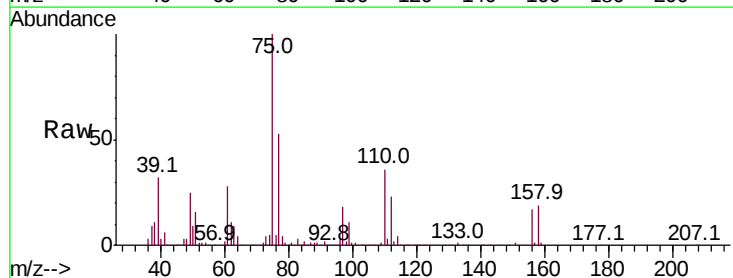
RT: 12.77 min Scan# 1782

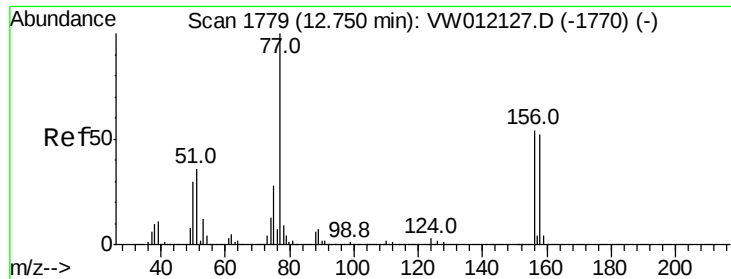
Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion:	75	Resp:	80225
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 60.096 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 140352

Ion Ratio Lower Upper

156 100

77 208.3 107.3 321.8

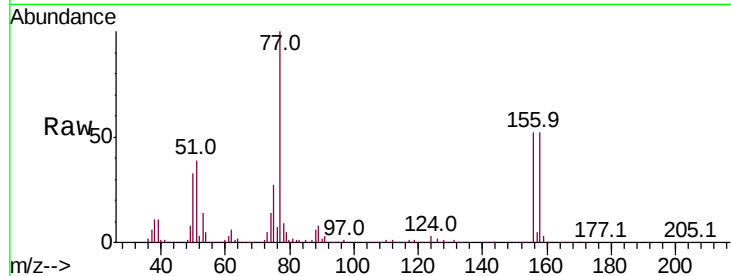
158 99.5 49.0 147.0

Manual Integrations

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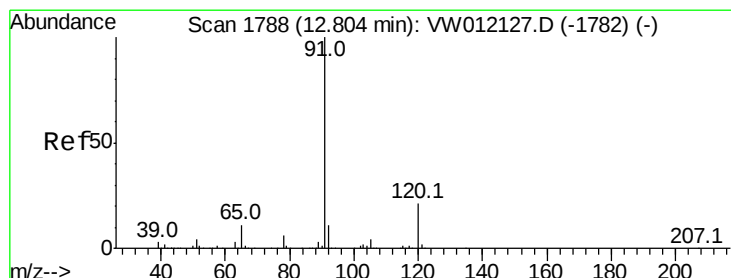
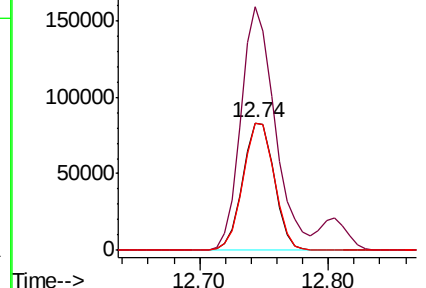
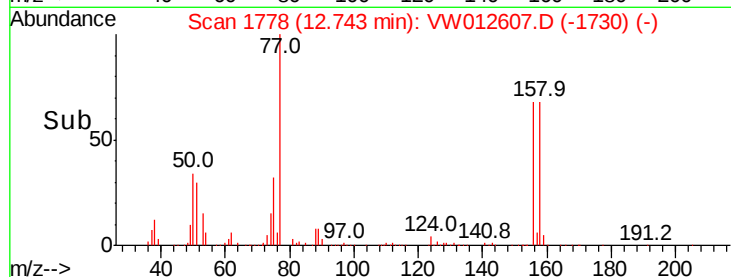
9/7/2019 12:46:28 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.498 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012607.D

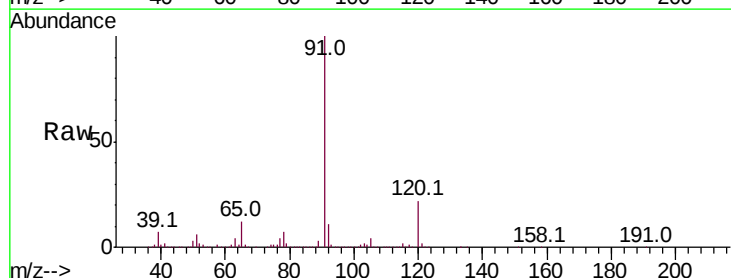
Acq: 04 Sep 2019 22:21

Tgt Ion: 91 Resp: 744583

Ion Ratio Lower Upper

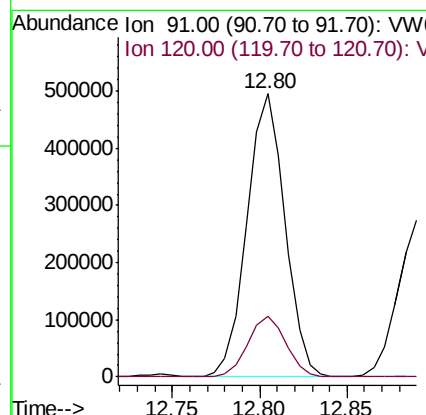
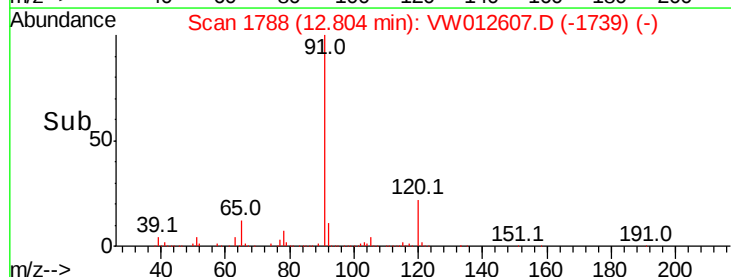
91 100

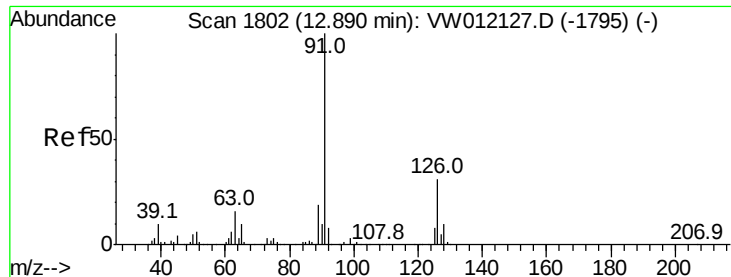
120 21.7 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.255 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 435876

Ion Ratio Lower Upper

91 100

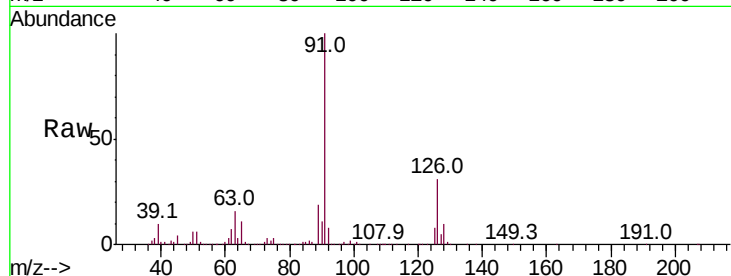
126 31.4 15.7 47.0

Manual Integrations

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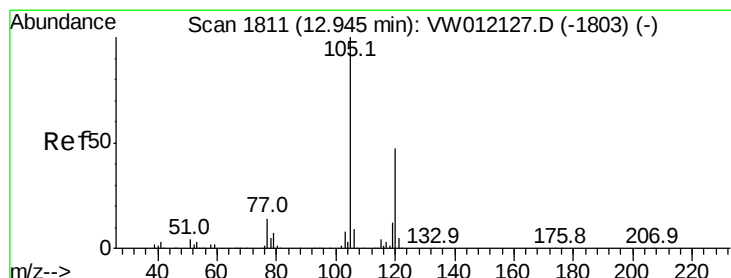
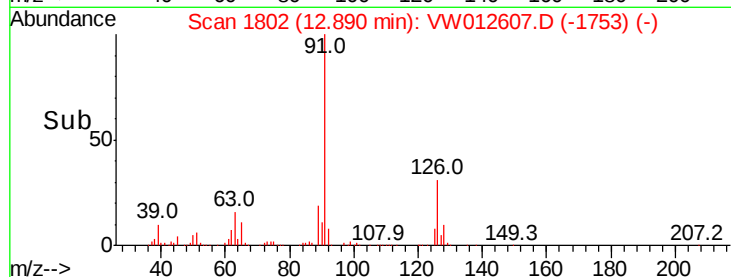
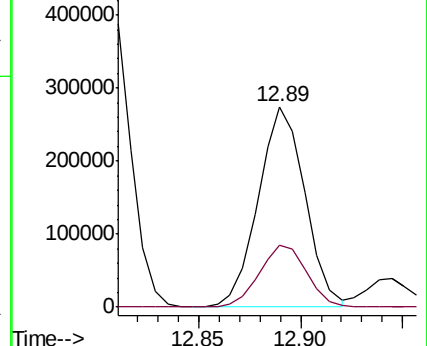
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.695 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012607.D

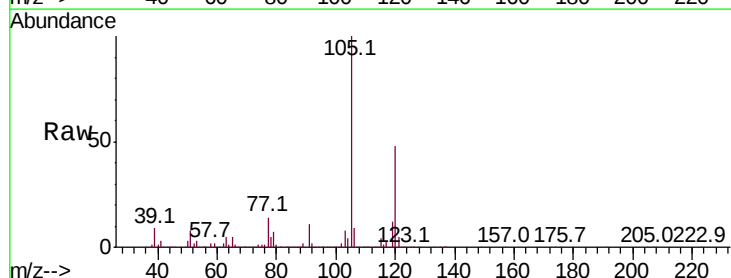
Acq: 04 Sep 2019 22:21

Tgt Ion:105 Resp: 529456

Ion Ratio Lower Upper

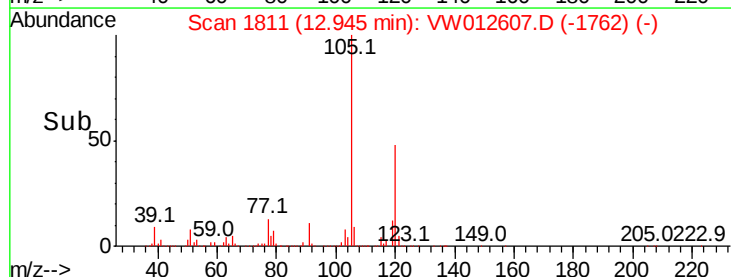
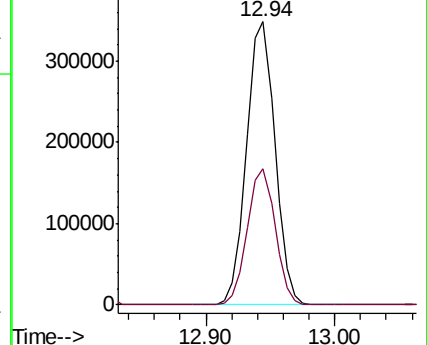
105 100

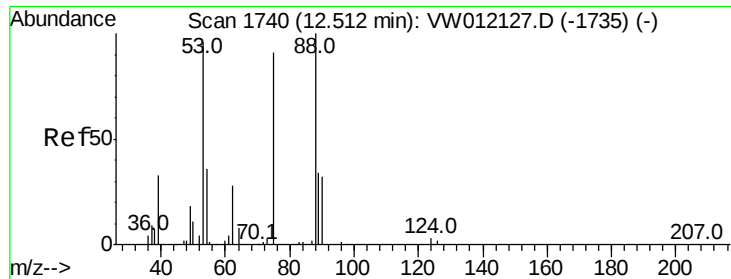
120 47.6 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





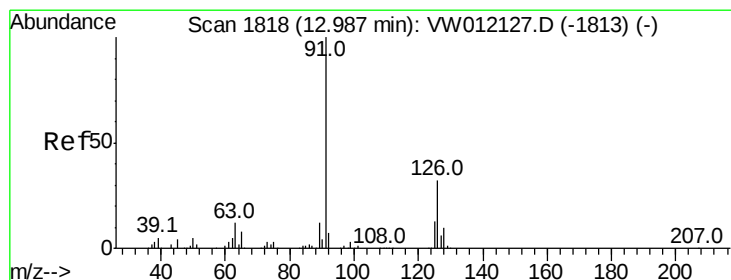
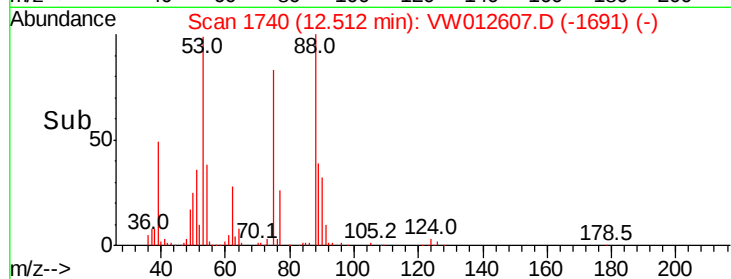
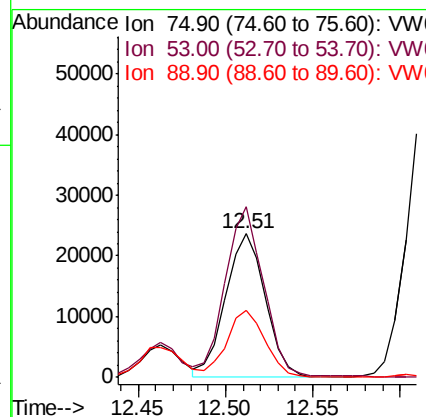
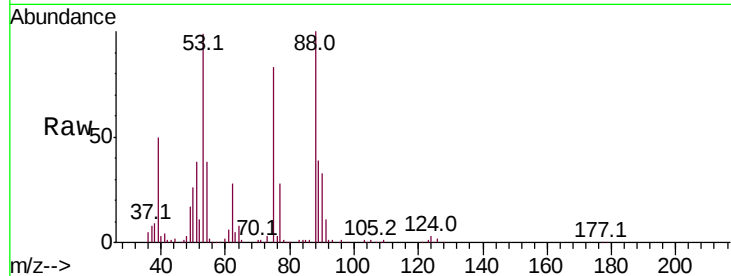
#81
trans-1,4-Dichloro-2-butene
Concen: 58.532 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.1	89.4	134.0
89	44.7	34.5	51.7

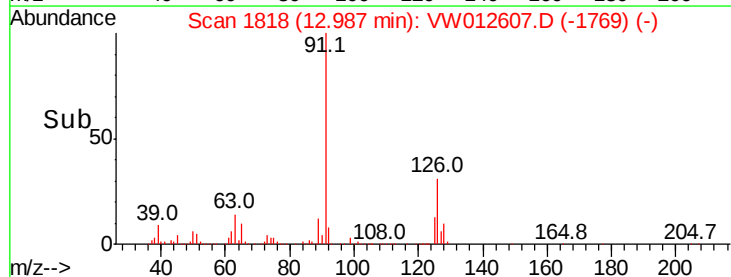
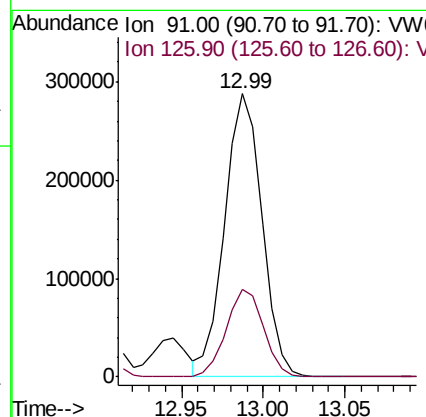
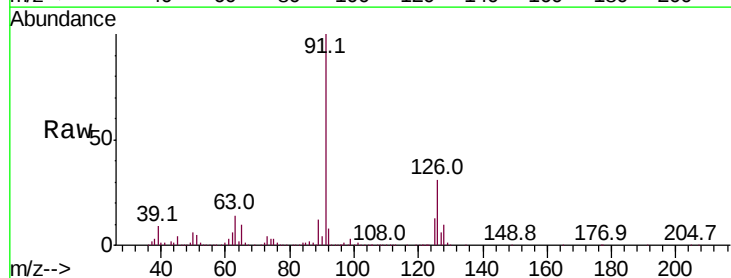
Manual Integrations
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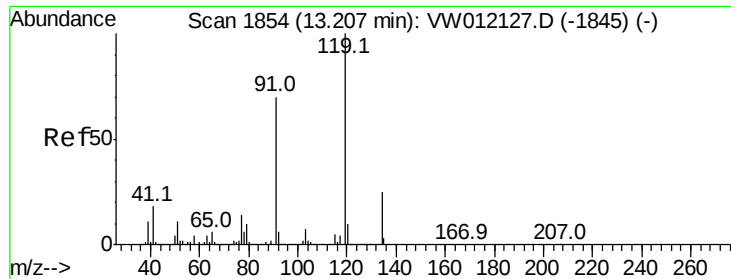
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#82
4-Chlorotoluene
Concen: 58.305 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.8





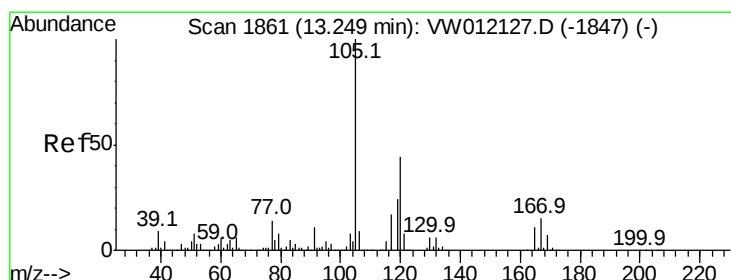
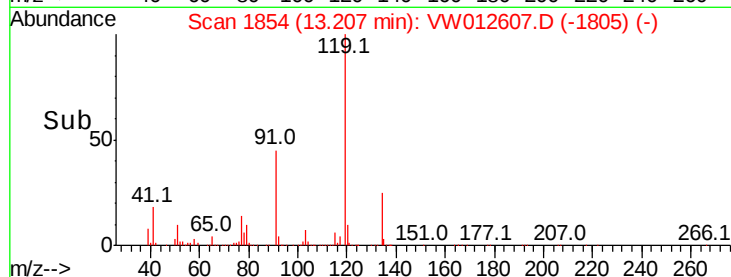
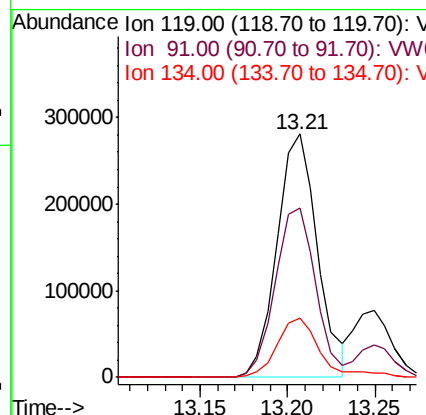
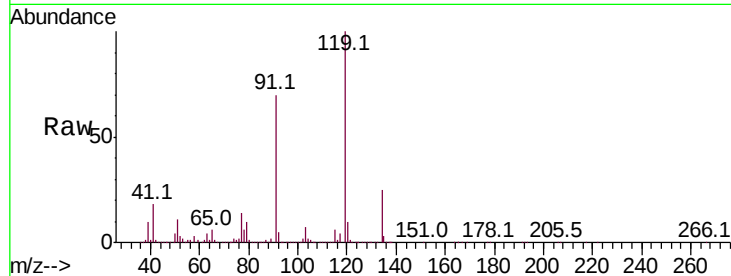
#83
 tert-Butylbenzene
 Concen: 59.529 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	454870		
91	69.3	34.8	104.3	
134	26.0	13.3	39.8	

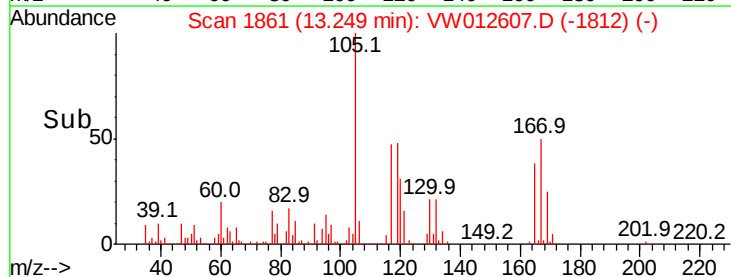
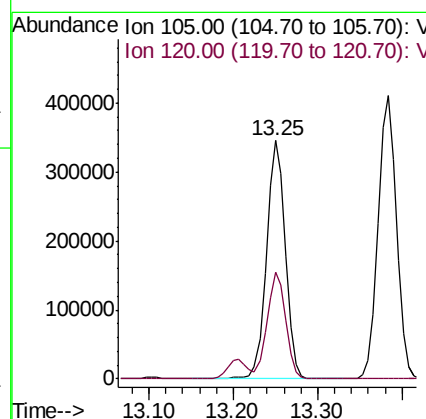
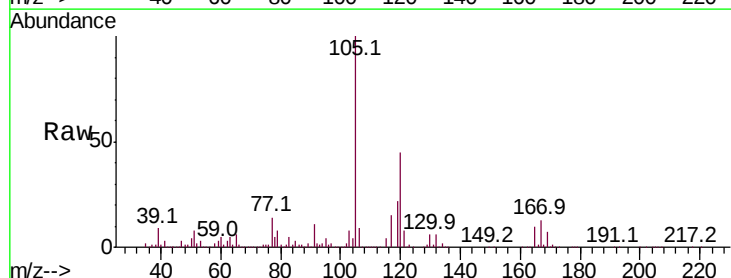
Manual Integrations
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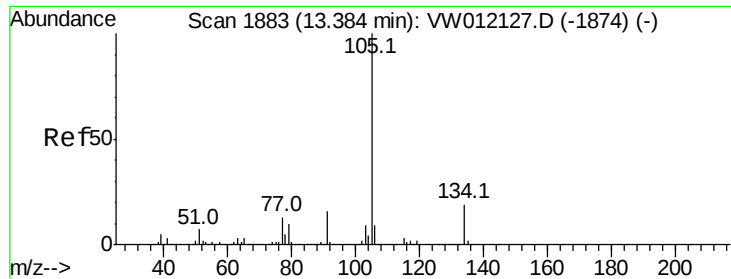
MMDadoda
 9/7/2019 12:46:28 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 58.492 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	530020		
120	43.8	21.9	65.7	





#85

sec-Butylbenzene

Concen: 56.867 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 622539

Ion Ratio Lower Upper

105 100

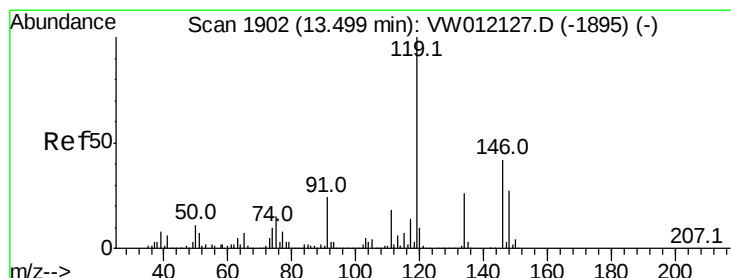
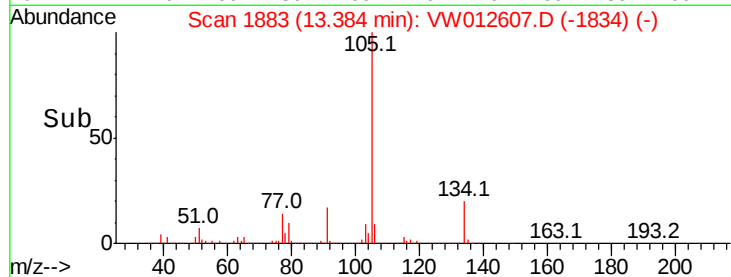
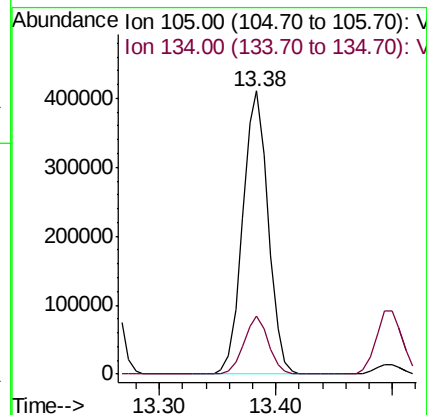
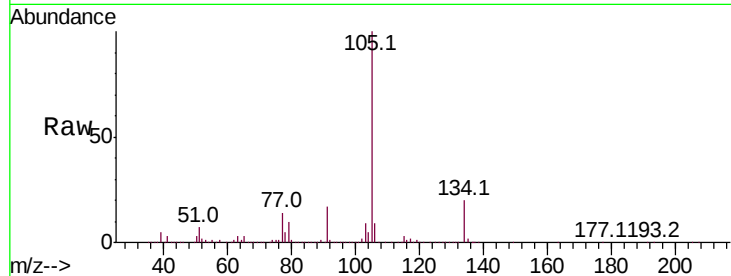
134 19.8 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 57.995 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

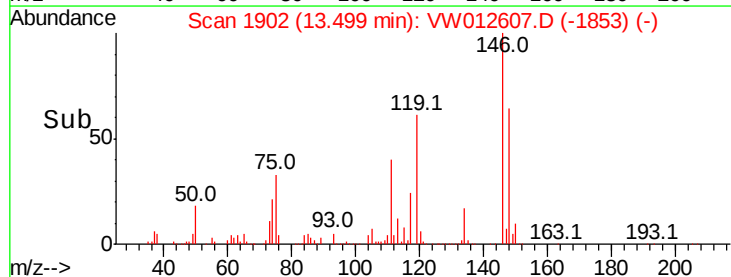
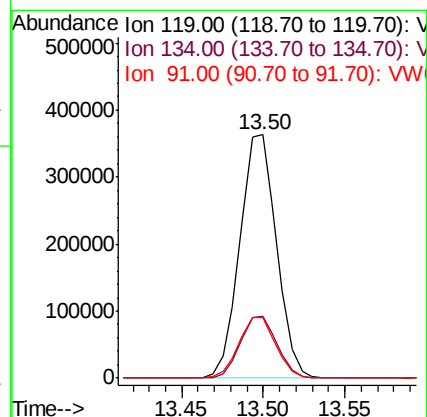
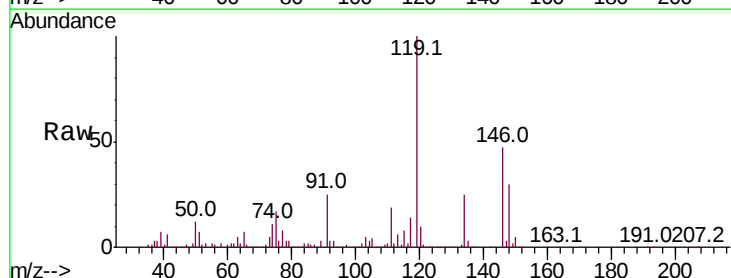
Tgt Ion:119 Resp: 566987

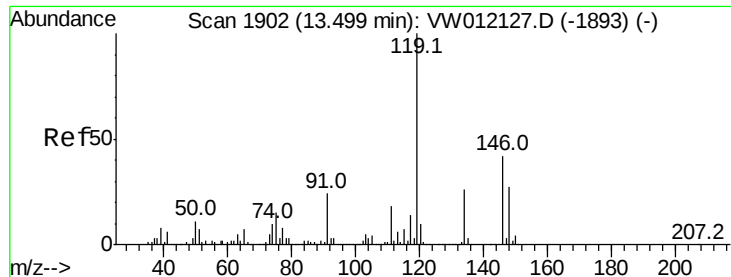
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 25.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 59.381 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

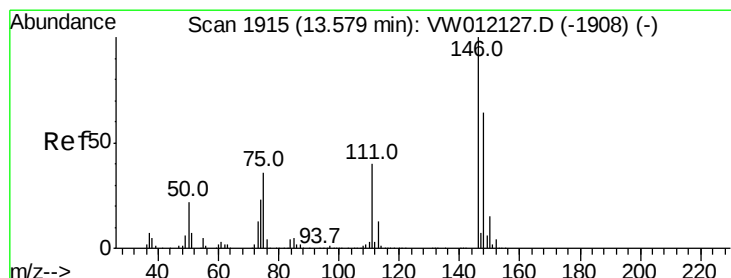
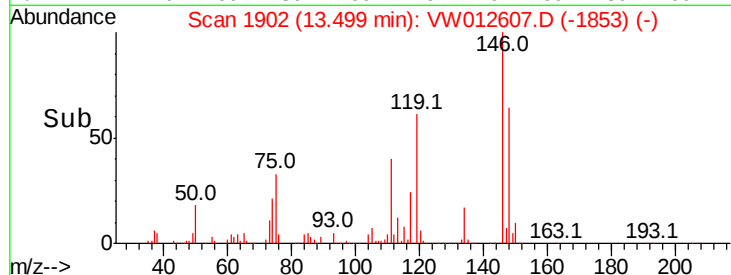
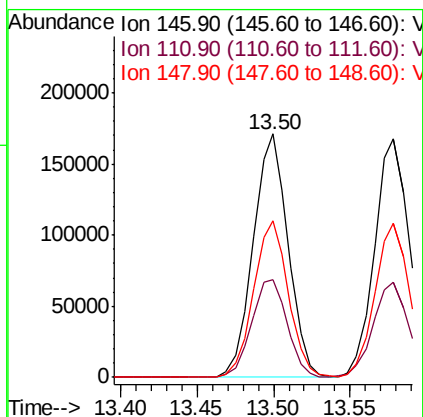
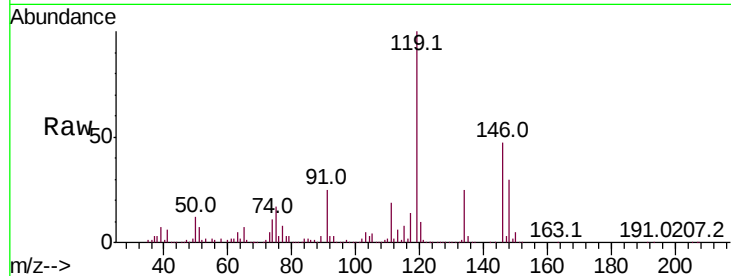
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	271257
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.9	62.7
148	63.9	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 58.623 ug/l

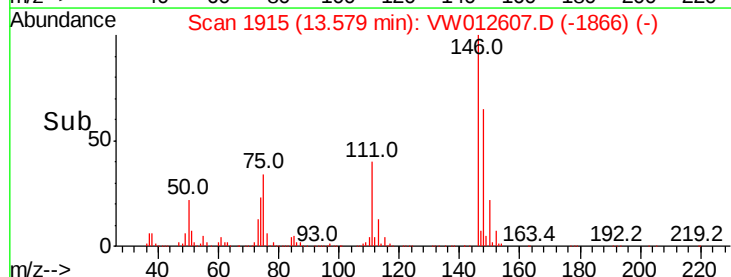
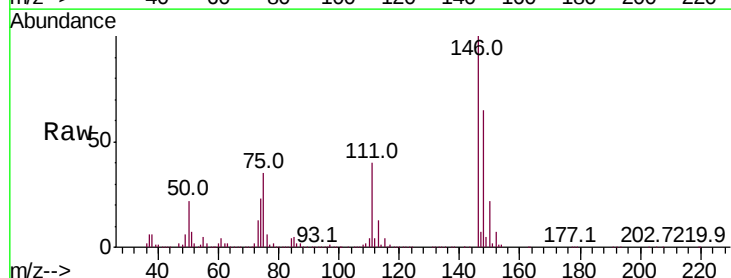
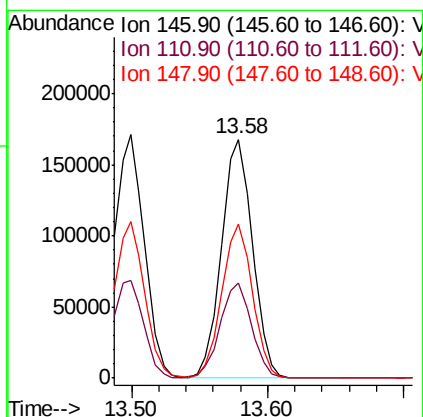
RT: 13.58 min Scan# 1915

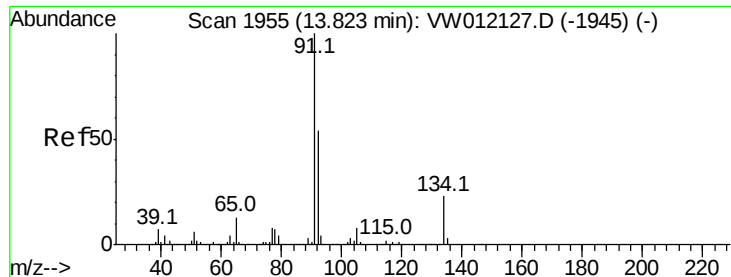
Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion:	146	Resp:	265899
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.0	60.0
148	64.0	32.1	96.3





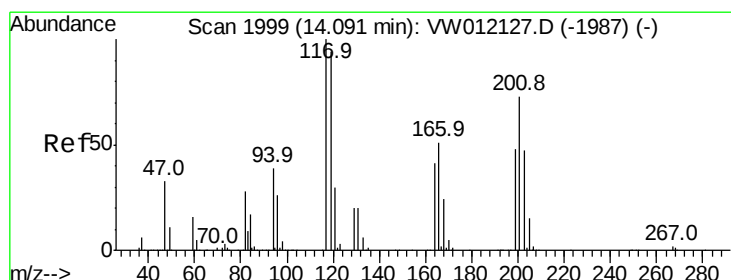
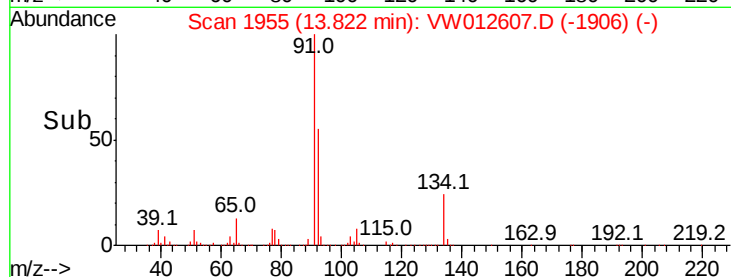
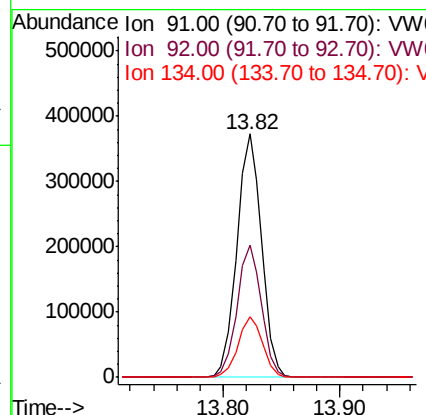
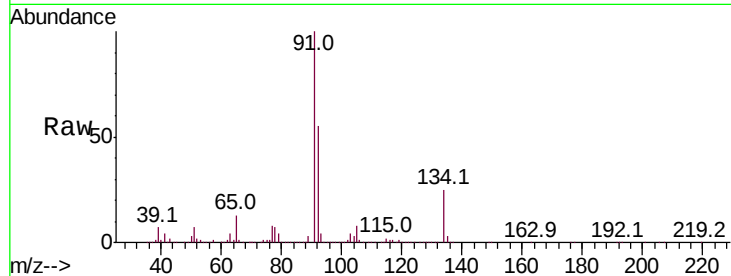
#89
n-Butylbenzene
Concen: 56.343 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.7	27.1	81.2	
134	24.8	12.2	36.4	

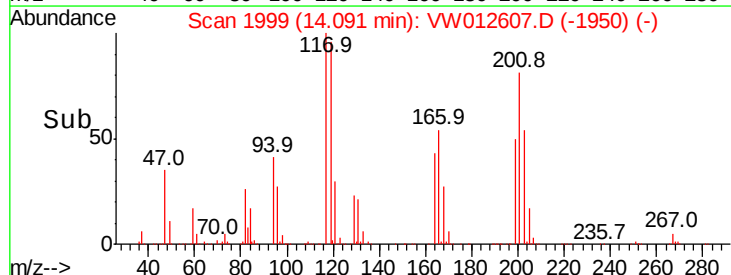
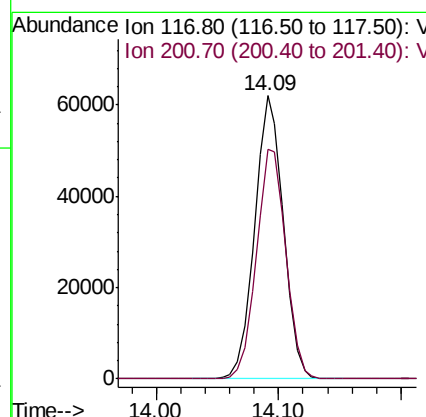
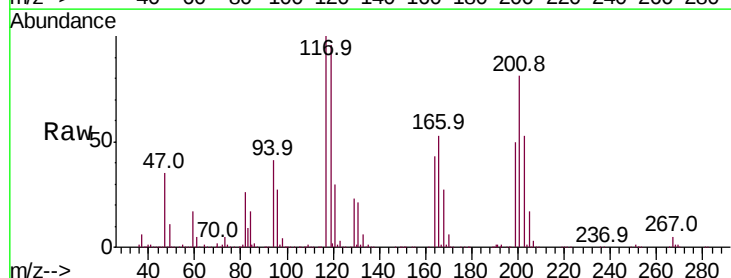
Manual Integrations
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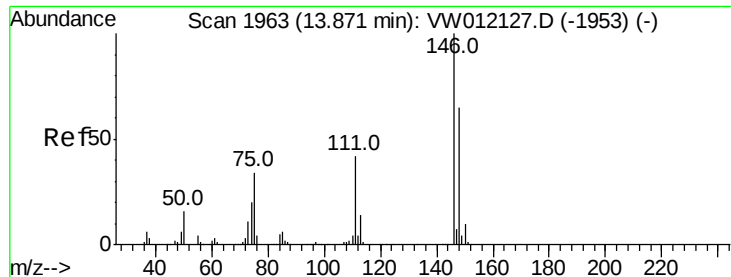
MMDadoda
9/7/2019 12:46:28 AM



#90
Hexachloroethane
Concen: 59.120 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.1	38.6	115.7	





#91

1,2-Dichlorobenzene

Concen: 60.976 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

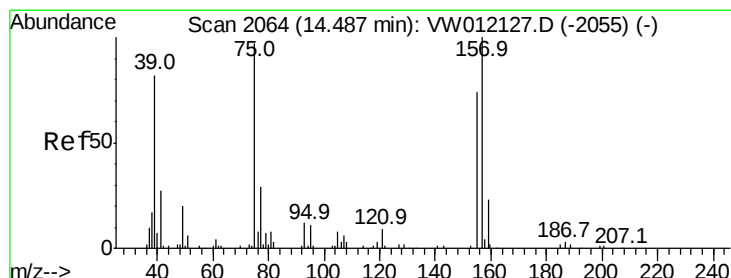
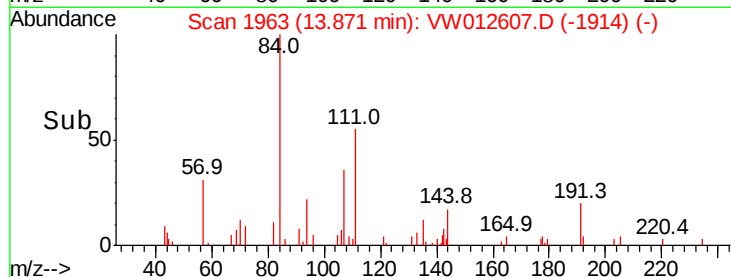
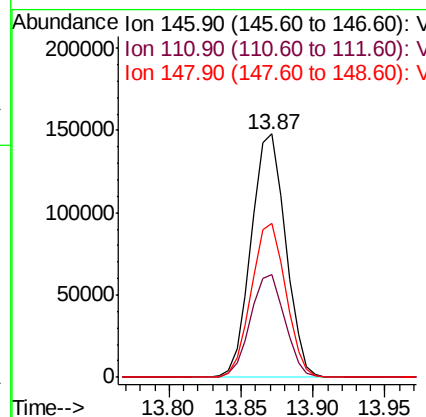
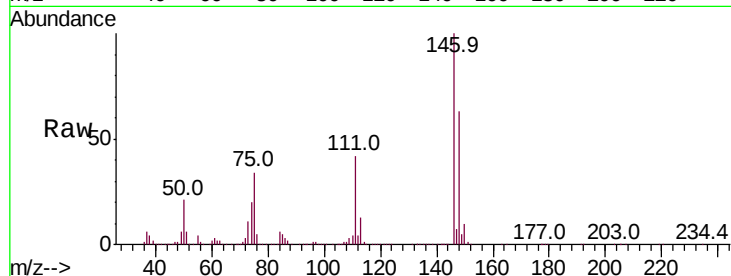
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	244355
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.2	63.6
148	63.4	32.5	97.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 64.812 ug/l

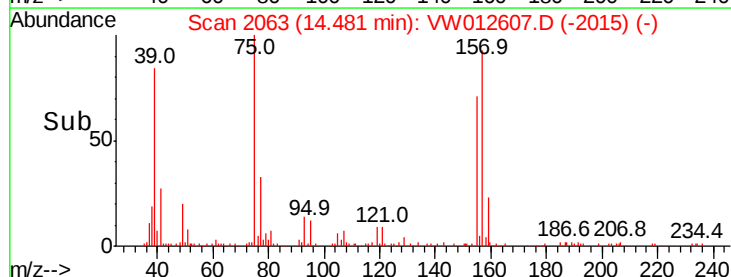
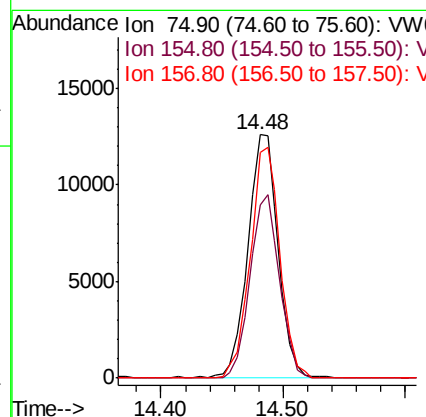
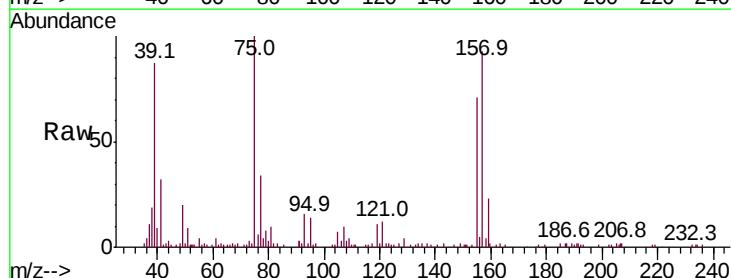
RT: 14.48 min Scan# 2063

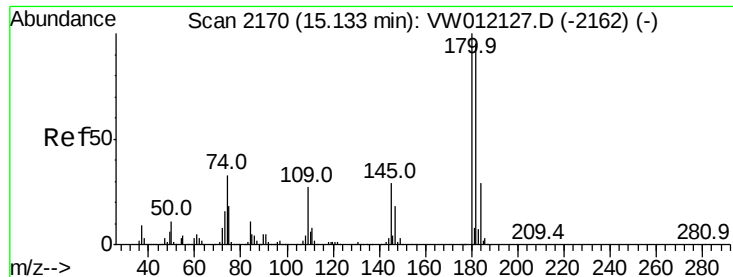
Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion:	75	Resp:	21624
Ion Ratio	Lower	Upper	
75	100		
155	73.2	37.5	112.3
157	93.2	50.5	151.5





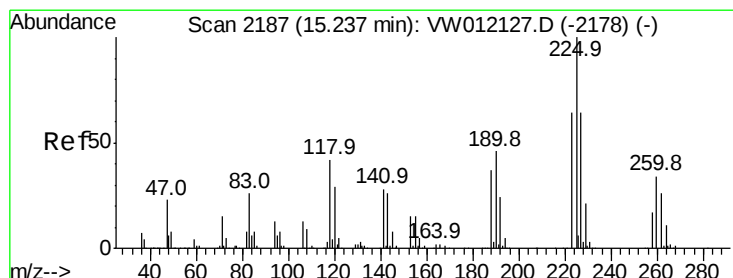
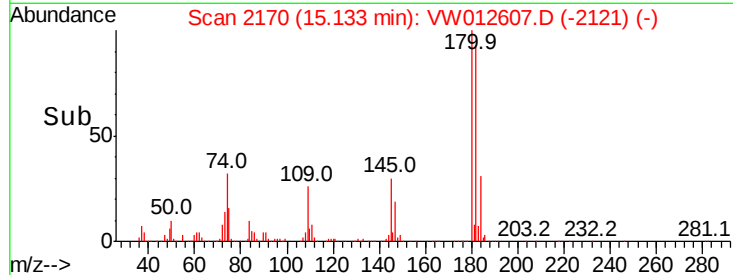
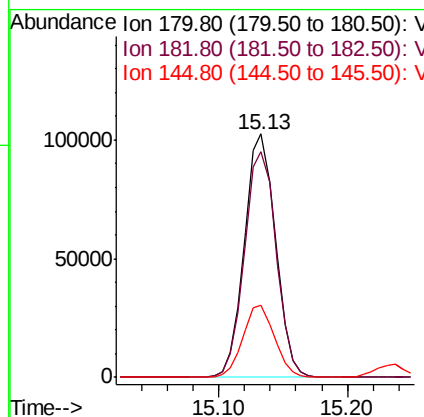
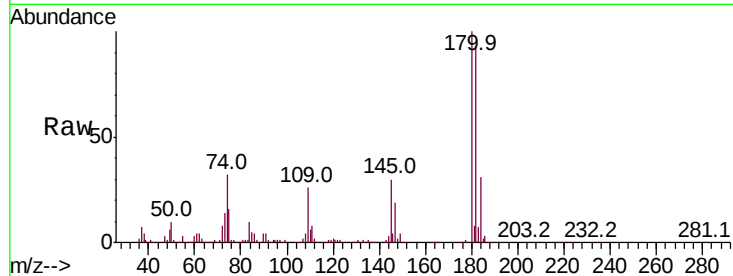
#93
 1,2,4-Trichlorobenzene
 Concen: 61.786 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	171107		
182	94.6	47.8	143.4	
145	30.2	15.0	45.1	

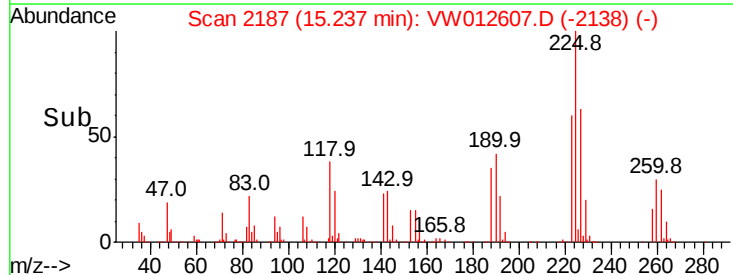
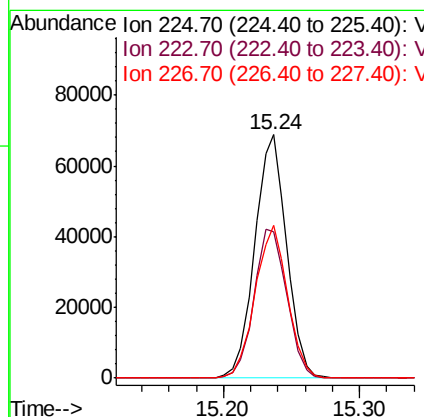
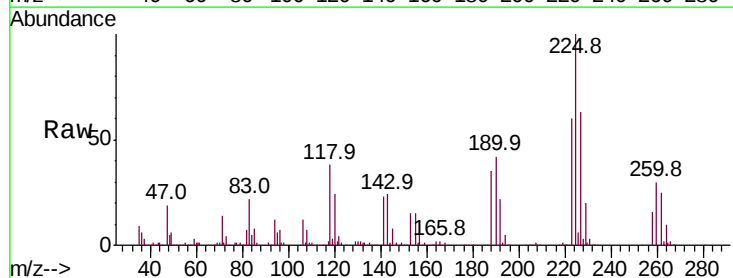
Manual Integrations
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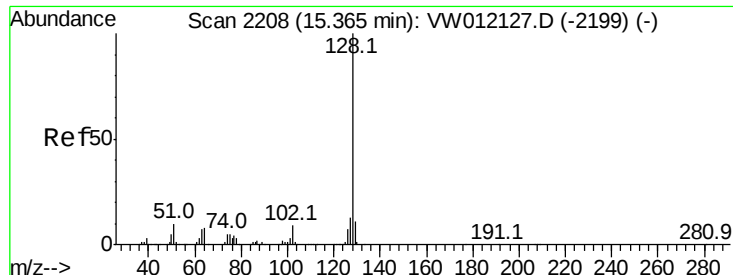
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#94
 Hexachlorobutadiene
 Concen: 61.625 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112686		
223	63.1	32.3	96.8	
227	63.9	32.9	98.6	





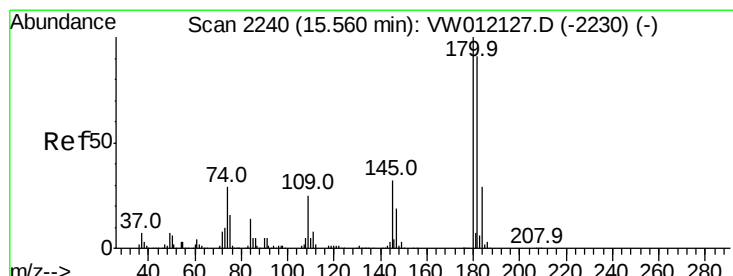
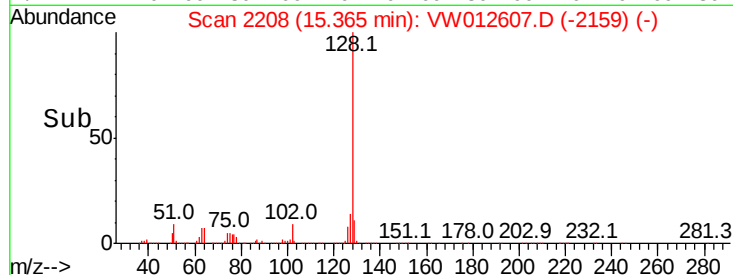
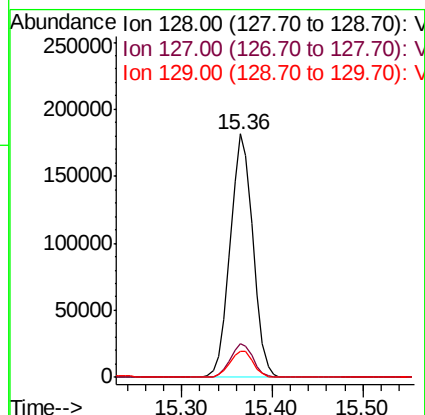
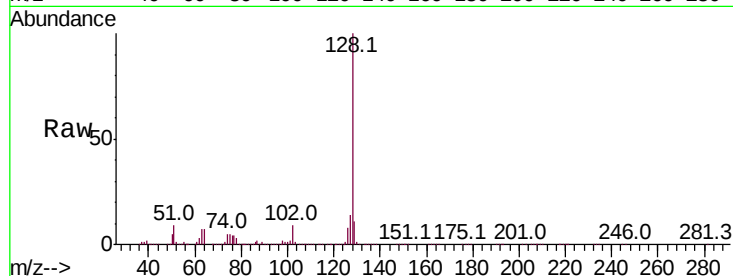
#95
Naphthalene
Concen: 57.361 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.9	10.7	16.1	
129	11.1	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 62.763 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.1	141.3	
145	31.8	16.2	48.5	

