

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012486.D
 Acq On : 02 Sep 2019 08:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:45:01 AM

Quant Time: Sep 02 09:36:57 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	172636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	268288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113326	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
35) Dibromofluoromethane	7.88	113	85436	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.32	98	348234	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.62	95	122199	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55951	52.636	ug/l	99
3) Chloromethane	2.21	50	88251	53.587	ug/l	99
4) Vinyl Chloride	2.36	62	102573	50.887	ug/l	97
5) Bromomethane	2.72	94	46123m	45.182	ug/l	
6) Chloroethane	2.89	64	58176	51.162	ug/l	92
7) Trichlorofluoromethane	3.24	101	55170	54.508	ug/l	100
8) Diethyl Ether	3.68	74	52684	54.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97152	56.470	ug/l	98
10) Methyl Iodide	4.26	142	125679	53.991	ug/l	97
11) Tert butyl alcohol	5.17	59	45607	369.283	ug/l	98
12) 1,1-Dichloroethene	4.03	96	94434	54.535	ug/l	96
13) Acrolein	3.89	56	17140	147.435	ug/l	98
14) Allyl chloride	4.66	41	195861	52.908	ug/l	99
15) Acrylonitrile	5.36	53	153443	322.231	ug/l	99
16) Acetone	4.12	43	141006	268.793	ug/l	96
17) Carbon Disulfide	4.38	76	260851	49.845	ug/l	98
18) Methyl Acetate	4.66	43	104094	80.114	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	173281	61.879	ug/l	99
20) Methylene Chloride	4.91	84	99549	50.197	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	98283	52.928	ug/l	99
22) Diisopropyl ether	6.31	45	378144	55.108	ug/l	98
23) Vinyl Acetate	6.25	43	1119288	265.050	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201083	53.820	ug/l	99
25) 2-Butanone	7.17	43	217774	305.494	ug/l	100
26) 2,2-Dichloropropane	7.17	77	104220	49.283	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	108151	54.513	ug/l	99
28) Bromochloromethane	7.51	49	82833	50.867	ug/l	97
29) Tetrahydrofuran	7.52	42	141889	331.761	ug/l	98
30) Chloroform	7.67	83	187479	54.847	ug/l	99
31) Cyclohexane	7.95	56	188432	50.976	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	158952	58.782	ug/l	99
36) 1,1-Dichloropropene	8.08	75	156466	56.436	ug/l	100
37) Ethyl Acetate	7.25	43	94109	61.944	ug/l	99
38) Carbon Tetrachloride	8.07	117	143240	59.693	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180410	57.924	ug/l	99
40) Benzene	8.32	78	417118	55.099	ug/l	99
41) Methacrylonitrile	7.48	41	60737	68.021	ug/l	96
42) 1,2-Dichloroethane	8.40	62	142009	59.853	ug/l	100
43) Isopropyl Acetate	8.42	43	174306	61.939	ug/l	100
44) Trichloroethene	9.09	130	103116	56.031	ug/l	94
45) 1,2-Dichloropropane	9.37	63	110057	54.018	ug/l	97
46) Dibromomethane	9.46	93	54309	59.910	ug/l	98
47) Bromodichloromethane	9.64	83	138525	57.417	ug/l	99
48) Methyl methacrylate	9.43	41	87464	65.301	ug/l	99
49) 1,4-Dioxane	9.45	88	21220	1529.088	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	474833	331.735	ug/l	100
52) Toluene	10.38	92	255641	56.211	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	139945	56.945	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	161665	54.482	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	74734	58.268	ug/l	99
56) Ethyl methacrylate	10.65	69	117840	63.128	ug/l	99
57) 1,3-Dichloropropane	10.93	76	144784	59.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	297373	310.402	ug/l	100
59) 2-Hexanone	10.97	43	329636	325.476	ug/l	99
60) Dibromochloromethane	11.13	129	85660	59.962	ug/l	100
61) 1,2-Dibromoethane	11.23	107	73071	61.153	ug/l	99
64) Tetrachloroethene	10.86	164	97833	64.412	ug/l	96
65) Chlorobenzene	11.66	112	254396	55.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	92633	57.561	ug/l	99
67) Ethyl Benzene	11.73	91	502496	56.548	ug/l	99
68) m/p-Xylenes	11.84	106	358186	111.901	ug/l	100
69) o-Xylene	12.16	106	166814	56.308	ug/l	98
70) Styrene	12.18	104	291150	56.778	ug/l	99
71) Bromoform	12.35	173	51040	63.657	ug/l #	99
73) Isopropylbenzene	12.46	105	479481	56.961	ug/l	99
74) N-amyl acetate	12.27	43	152212	59.850	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	93580	60.640	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	66136m	60.448	ug/l	
77) Bromobenzene	12.74	156	104496	57.382	ug/l	98
78) n-propylbenzene	12.80	91	571839	55.647	ug/l	99
79) 2-Chlorotoluene	12.89	91	324984	55.702	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	400356	56.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	28953	58.021	ug/l	100
82) 4-Chlorotoluene	12.99	91	337992	55.328	ug/l	99
83) tert-Butylbenzene	13.21	119	354045	59.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	394760	55.871	ug/l	100
85) sec-Butylbenzene	13.38	105	492909	57.744	ug/l	100
86) p-Isopropyltoluene	13.50	119	434291	56.969	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	194910	54.720	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	190869	53.967	ug/l	99
89) n-Butylbenzene	13.82	91	412296	54.386	ug/l	100
90) Hexachloroethane	14.09	117	77212	57.729	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	179919	57.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17431	67.001	ug/l	100

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QLast Update : Mon Aug 26 07:18:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	118667	54.954	ug/l	99
94) Hexachlorobutadiene	15.24	225	84116	58.994	ug/l	100
95) Naphthalene	15.36	128	248642	57.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	109297	58.013	ug/l	100

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

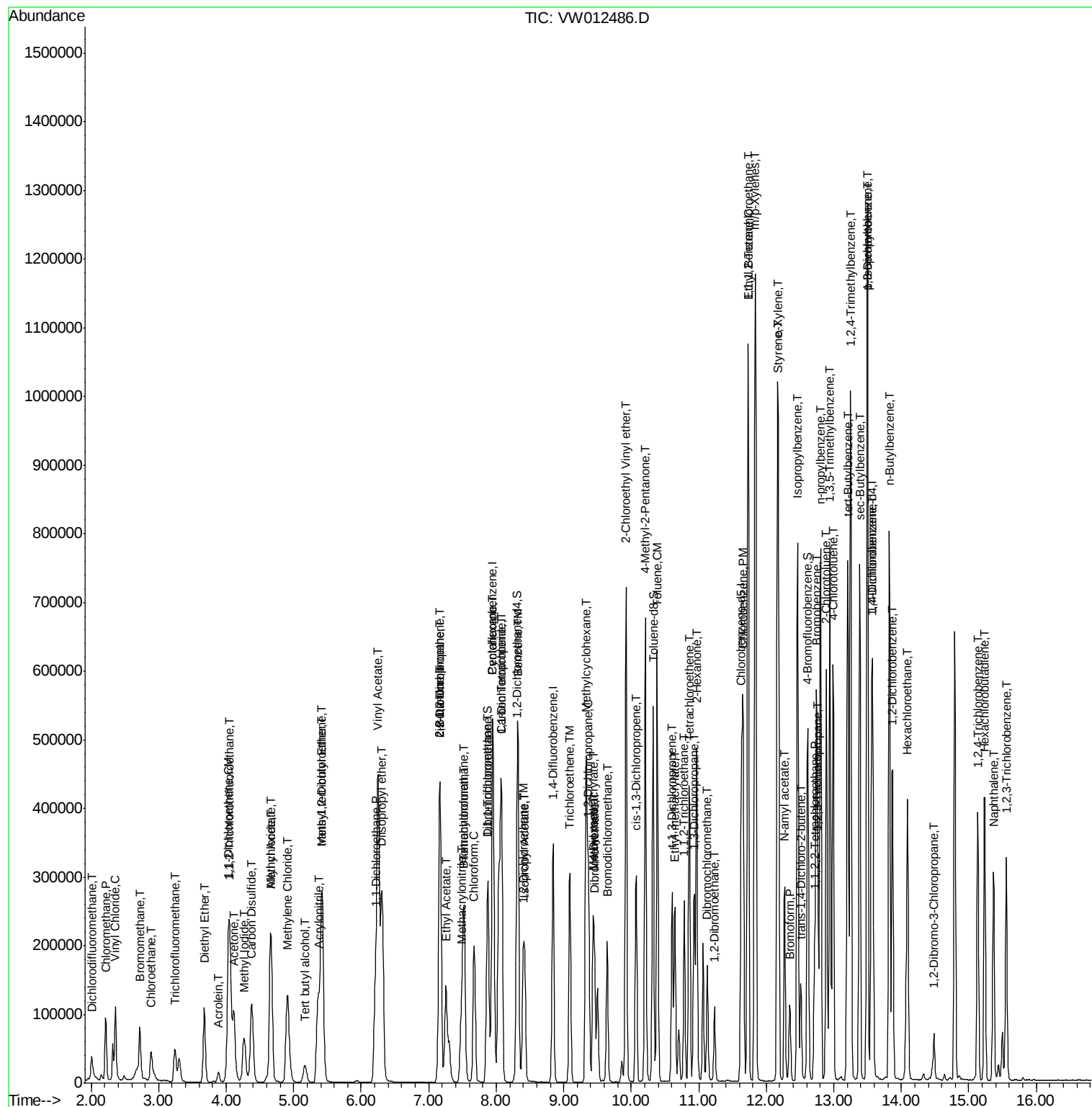
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Data File : VW012486.D
Acq On : 02 Sep 2019 08:50
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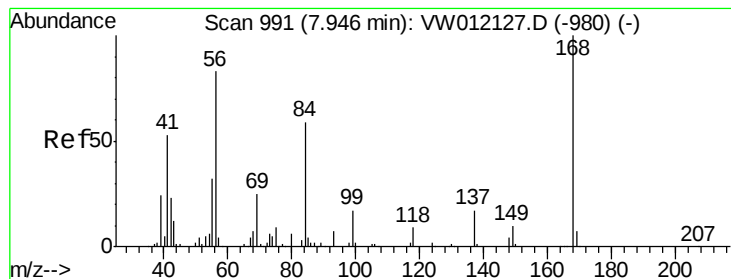
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 172636

Ion Ratio Lower Upper

168 100

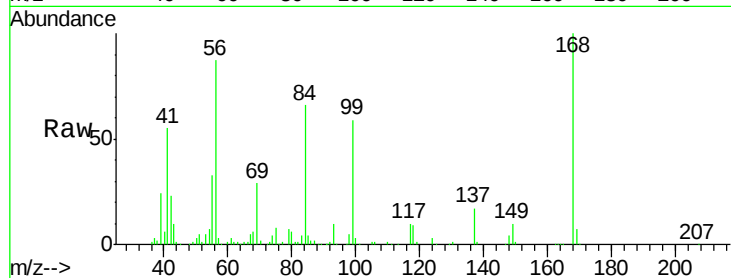
99 58.4 49.2 73.8

Manual Integrations

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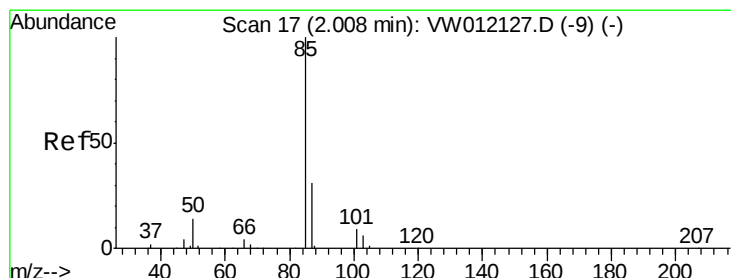
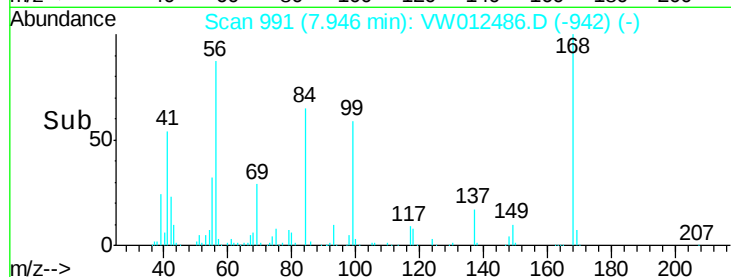
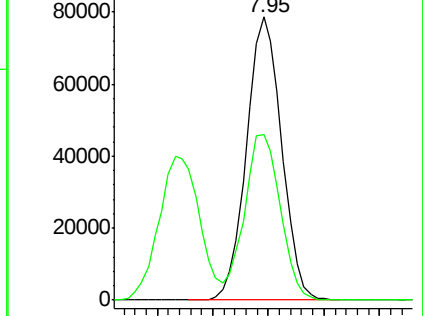
MMDadoda

9/3/2019 10:45:01 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.636 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012486.D

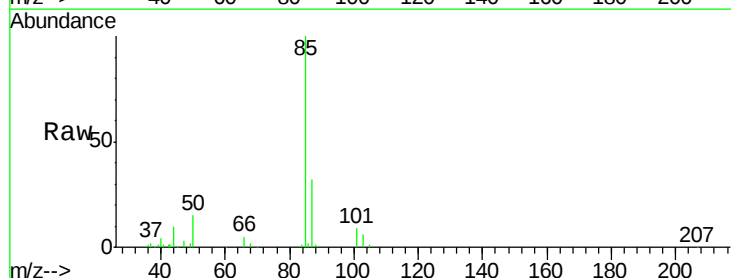
Acq: 02 Sep 2019 08:50

Tgt Ion: 85 Resp: 55951

Ion Ratio Lower Upper

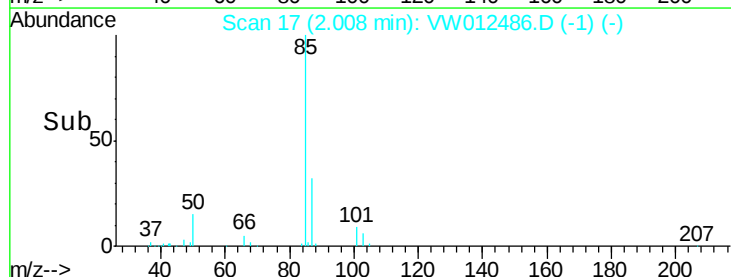
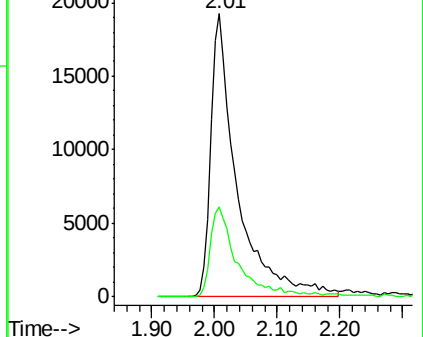
85 100

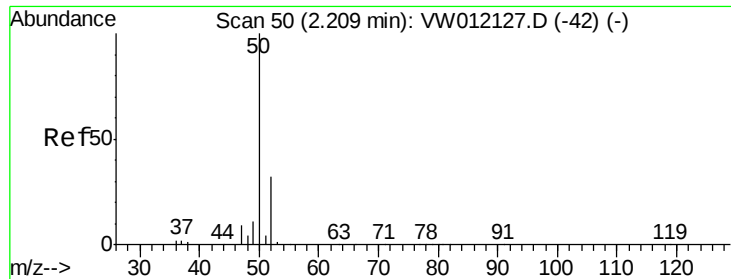
87 31.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 53.587 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 88251

Ion Ratio Lower Upper

50 100

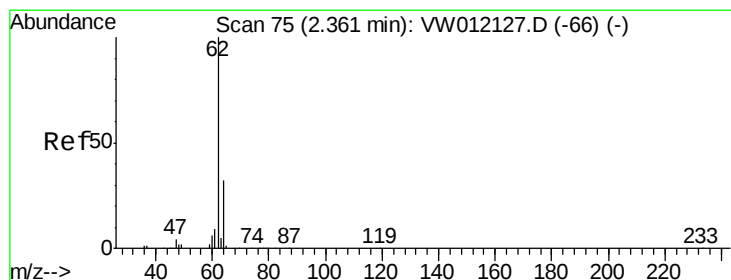
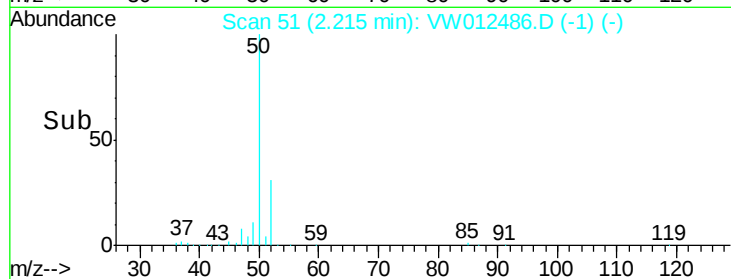
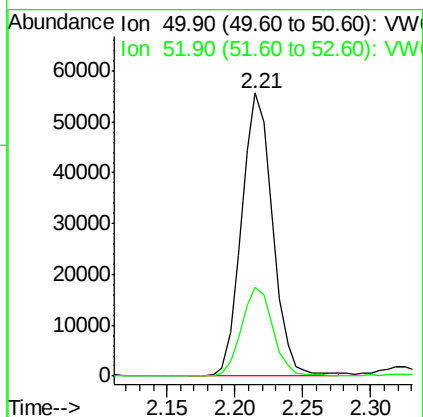
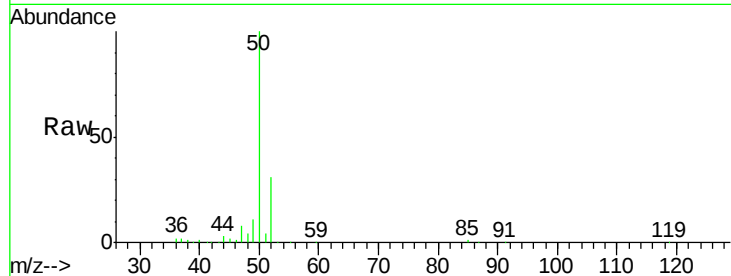
52 31.3 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.887 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012486.D

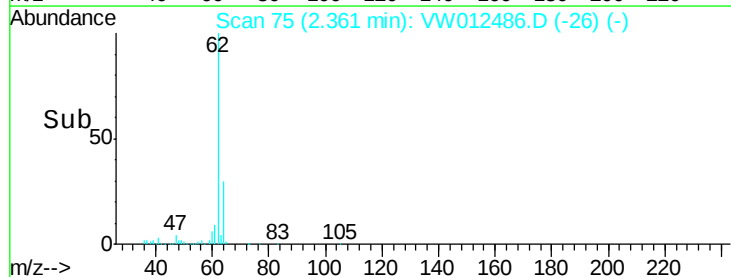
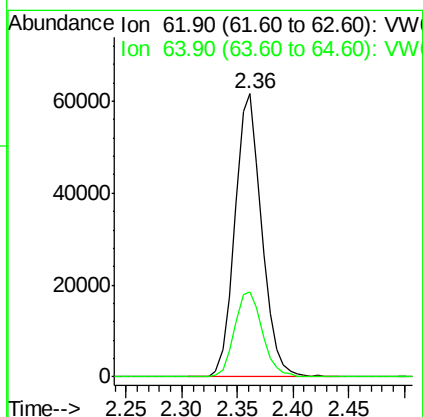
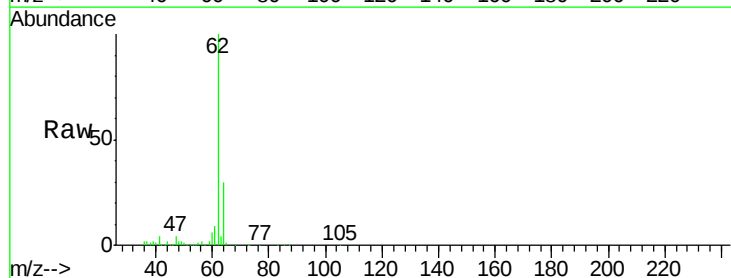
Acq: 02 Sep 2019 08:50

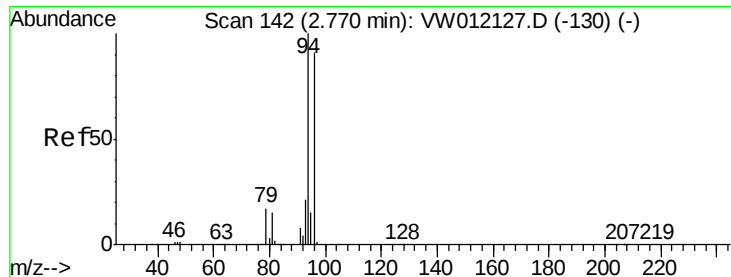
Tgt Ion: 62 Resp: 102573

Ion Ratio Lower Upper

62 100

64 30.2 25.3 37.9





#5

Bromomethane

Concen: 45.182 ug/l m

RT: 2.72 min Scan# 134

Delta R.T. -0.05 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tot Ion: 94 Resp: 46123

Ion Ratio Lower Upper

94 100

96 93.1 72.9 109.3

Instrument :

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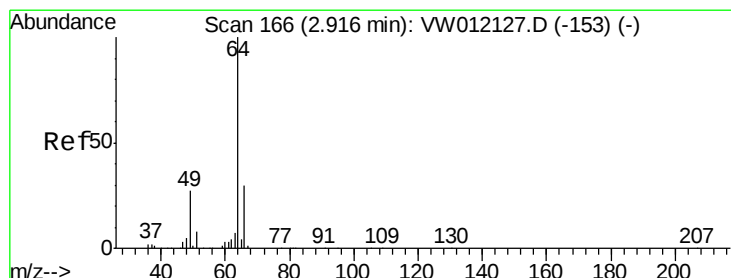
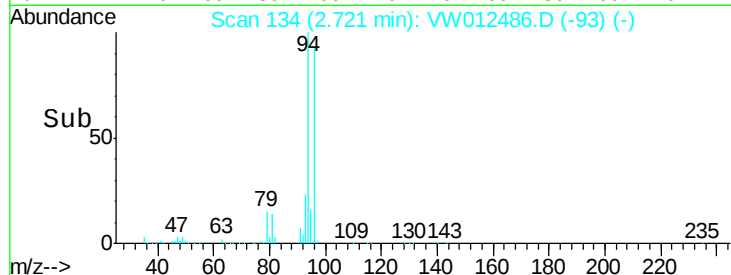
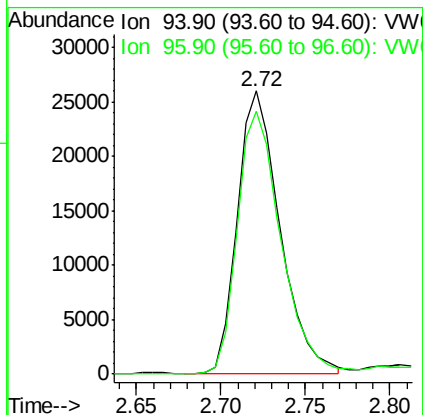
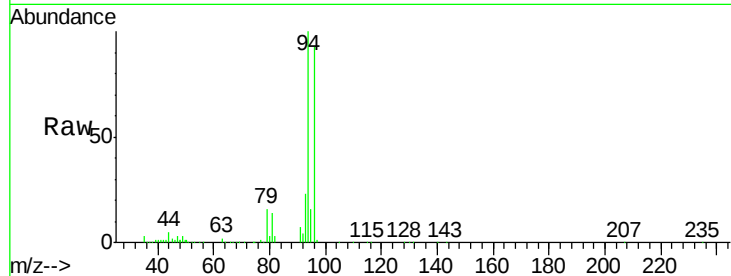
VSTDCCC050EC

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#6

Chloroethane

Concen: 51.162 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.02 min

Lab File: VW012486.D

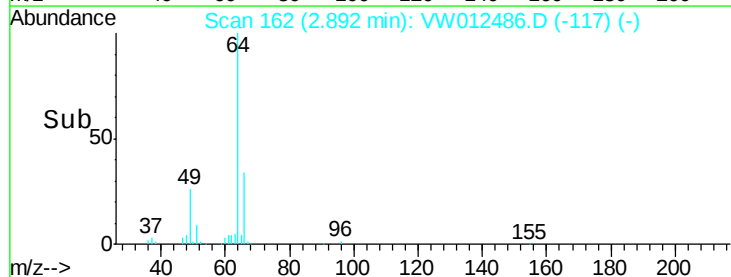
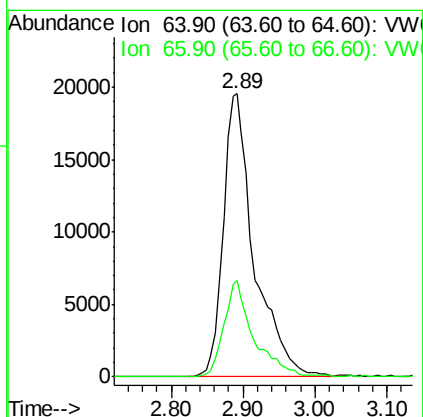
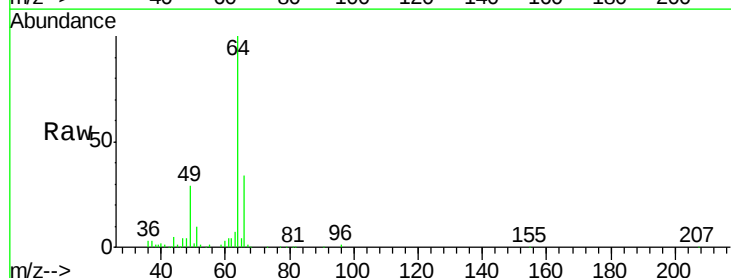
Acq: 02 Sep 2019 08:50

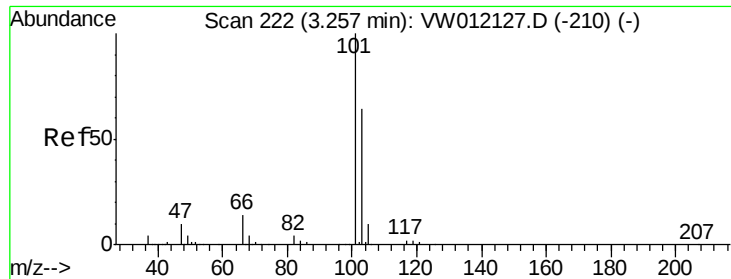
Tgt Ion: 64 Resp: 58176

Ion Ratio Lower Upper

64 100

66 34.2 23.8 35.8





#7

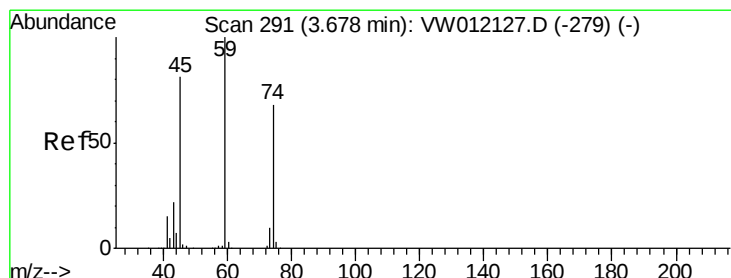
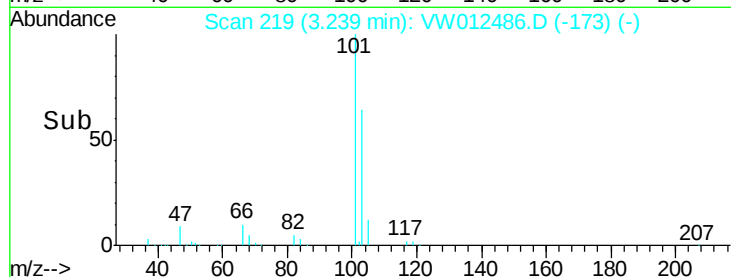
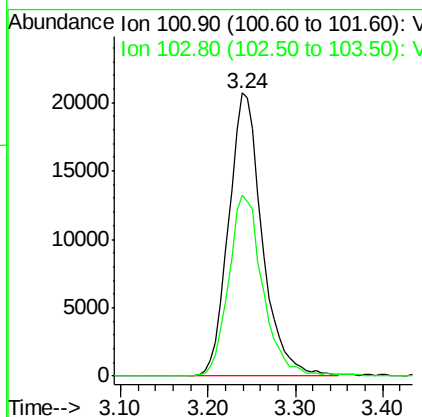
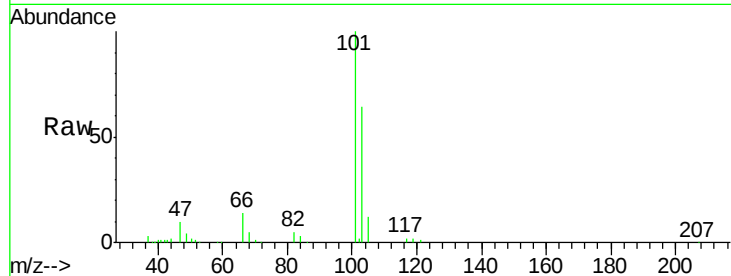
Trichlorofluoromethane
 Concen: 54.508 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.2	76.8

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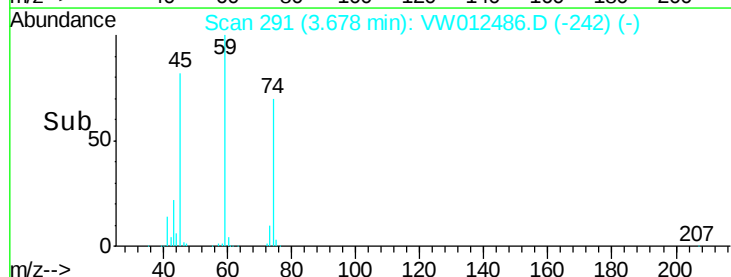
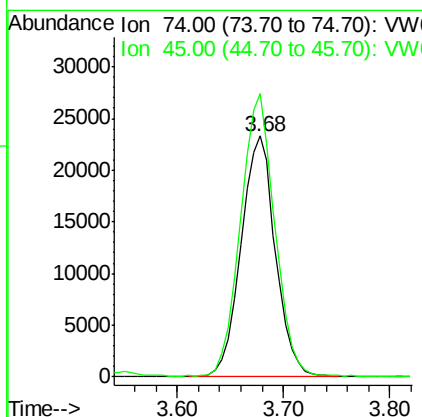
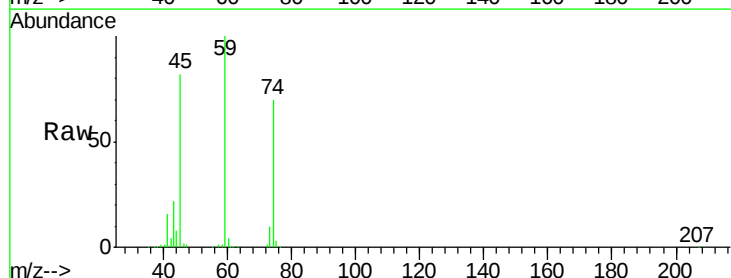
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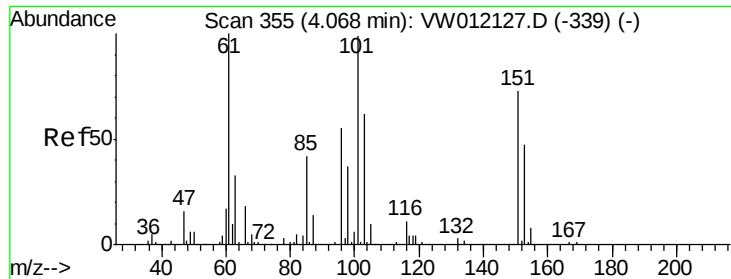


#8

Diethyl Ether
 Concen: 54.838 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.8	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.470 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

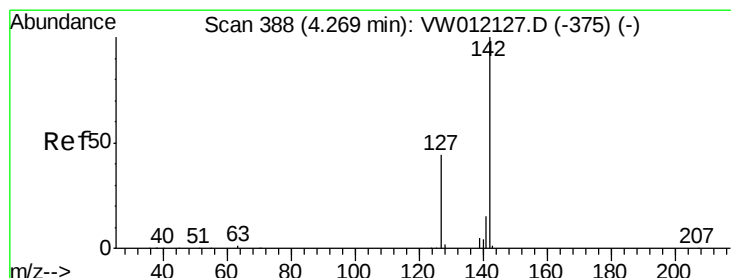
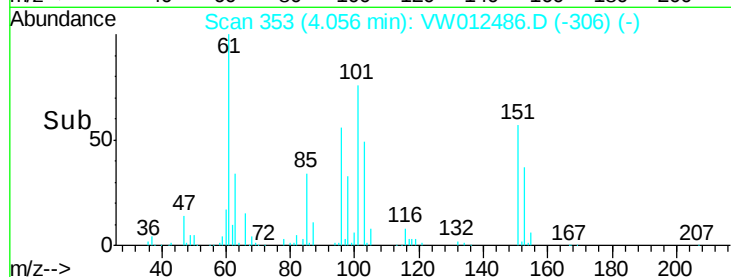
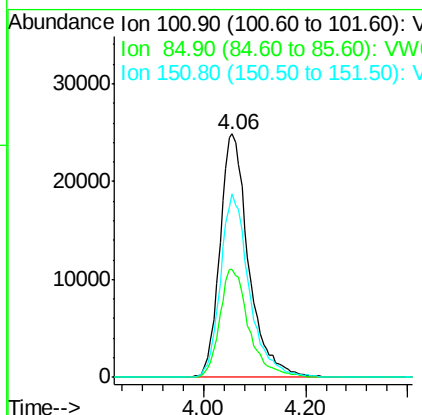
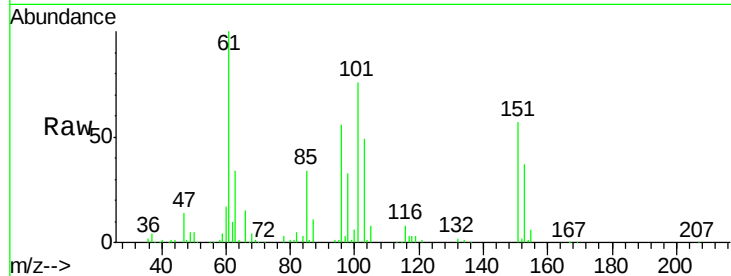
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	97152
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.8	53.6
151	75.7	58.6	87.8

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#10

Methyl Iodide

Concen: 53.991 ug/l

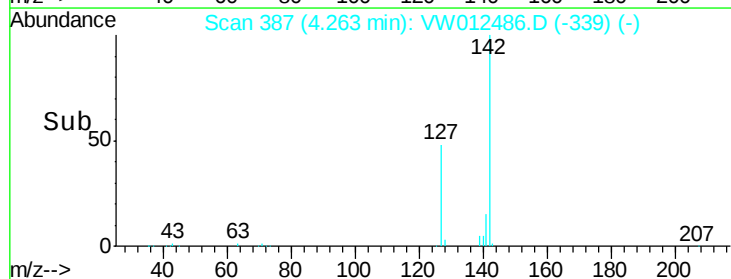
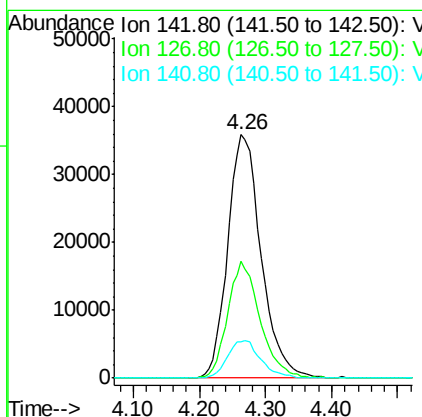
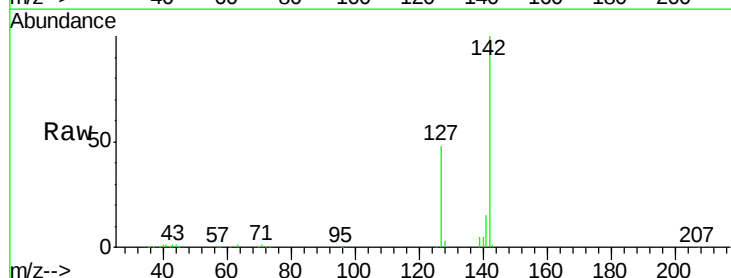
RT: 4.26 min Scan# 387

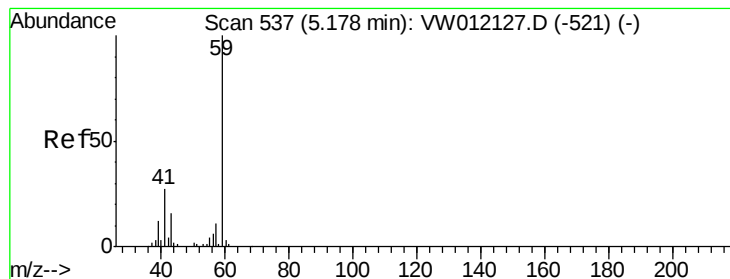
Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tgt Ion:	142	Resp:	125679
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.5	53.3
141	15.4	11.8	17.8





#11

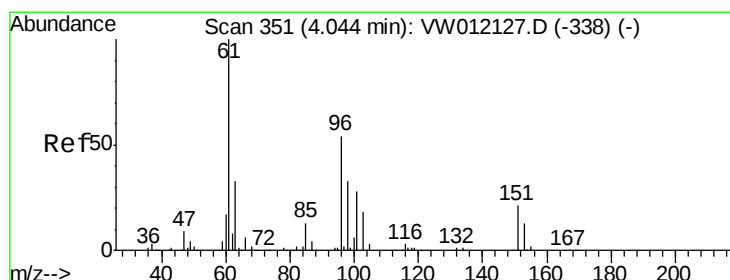
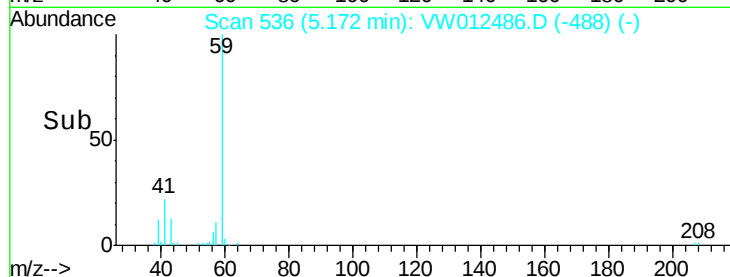
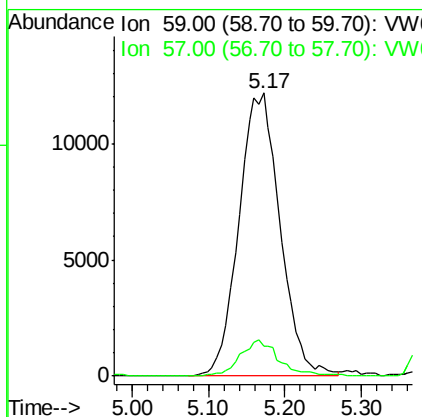
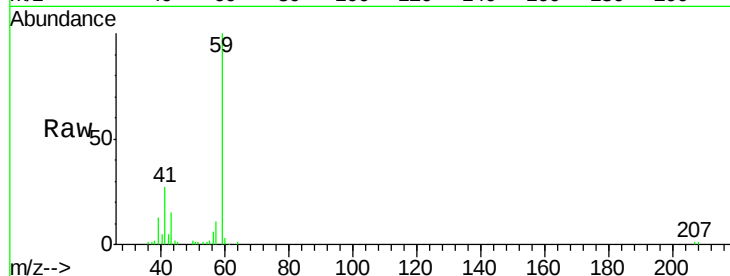
Tert butyl alcohol
 Concen: 369.283 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.1	9.0	13.4

Manual Integrations
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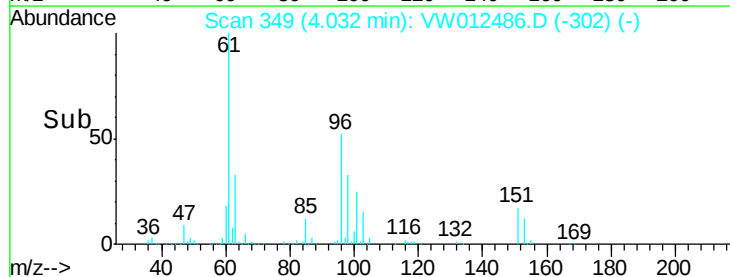
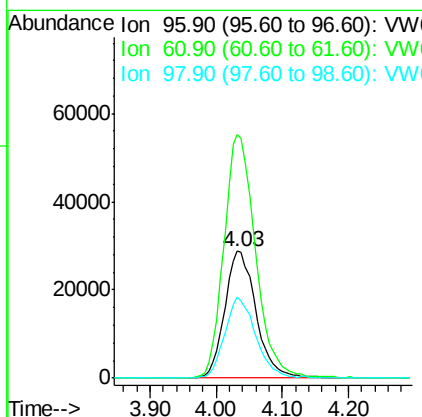
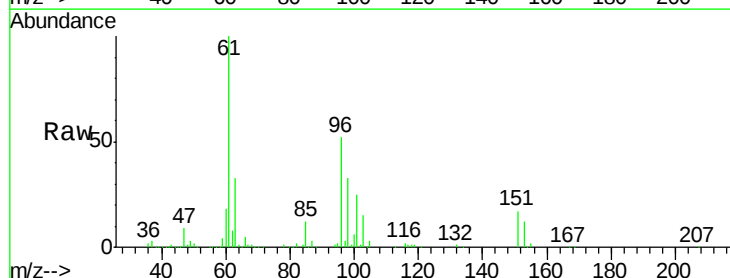
MMDadoda
 9/3/2019 10:45:01 AM

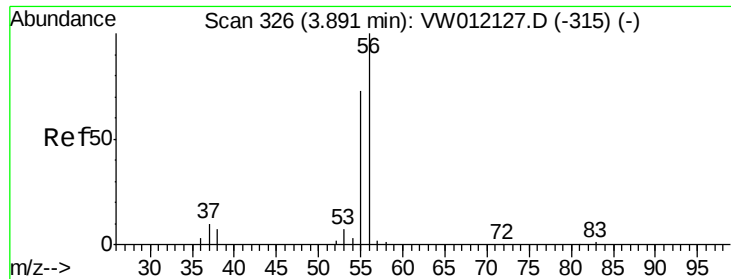


#12

1,1-Dichloroethene
 Concen: 54.535 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	191.7	149.1	223.7
98	64.1	49.4	74.2





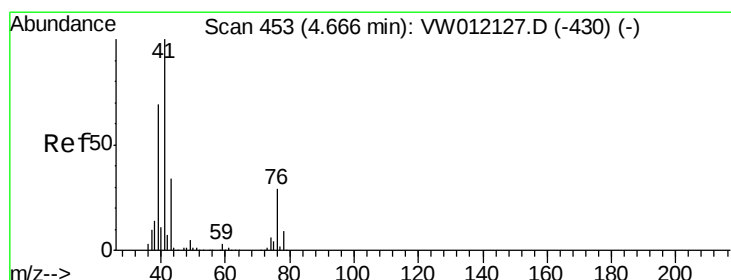
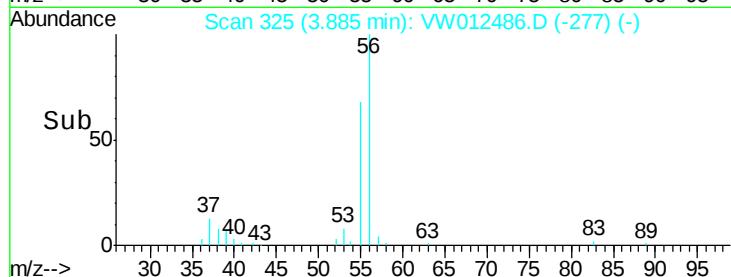
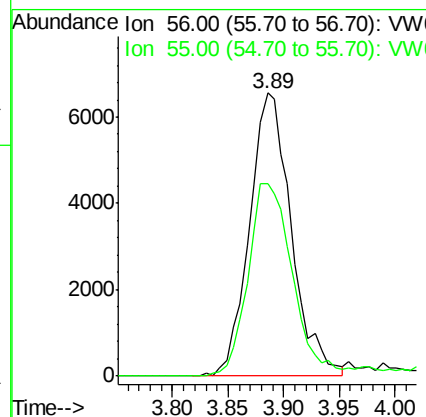
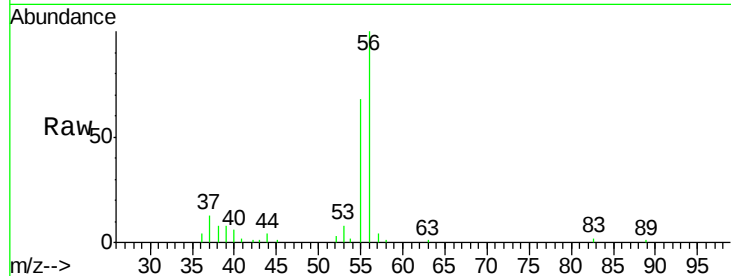
#13
Acrolein
Concen: 147.435 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	17140
Ion Ratio	100	Lower	Upper
56	100		
55	71.7	55.8	83.8

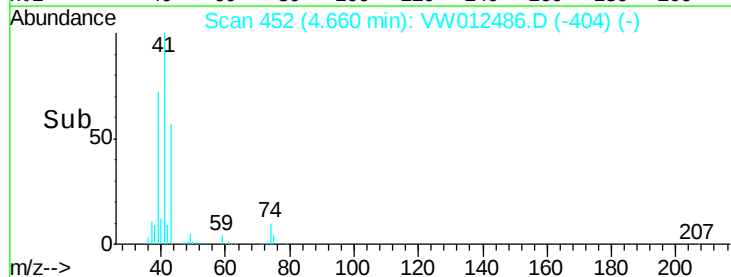
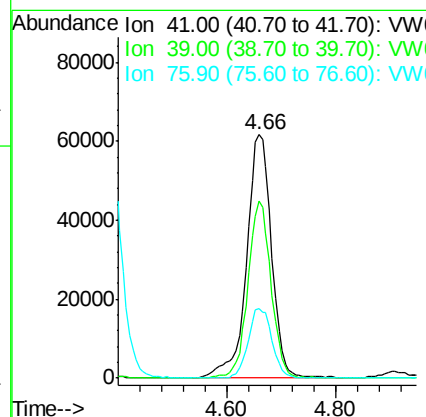
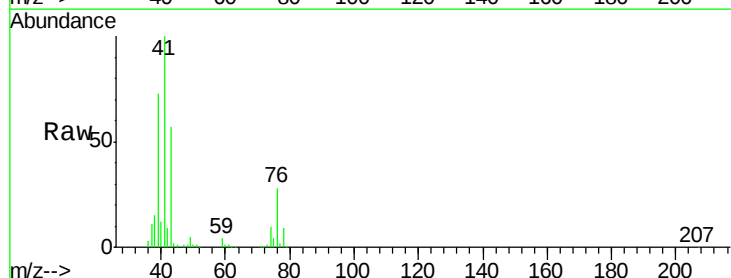
Manual Integrations
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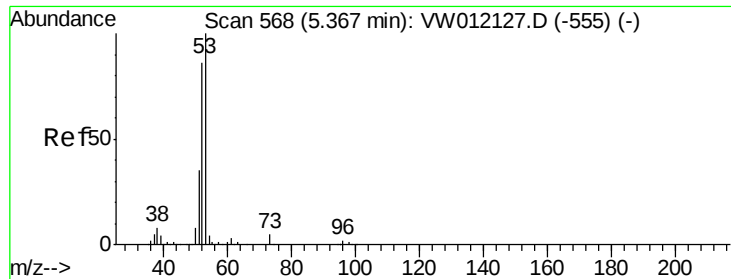
MMDadoda
9/3/2019 10:45:01 AM



#14
Allyl chloride
Concen: 52.908 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	41	Resp	195861
Ion Ratio	100	Lower	Upper
41	100		
39	67.8	53.4	80.2
76	27.1	22.1	33.1





#15

Acrylonitrile

Concen: 322.231 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

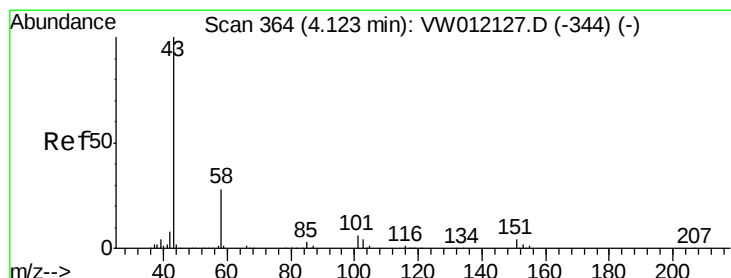
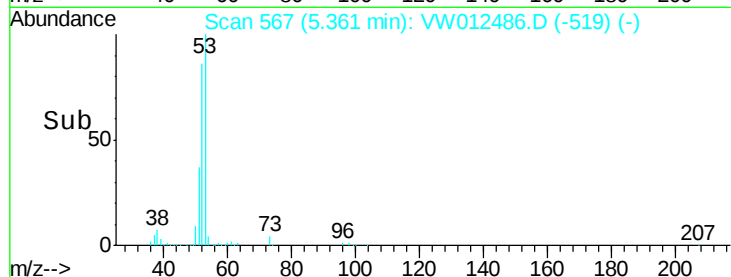
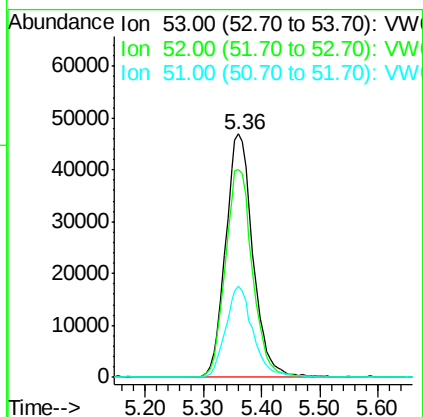
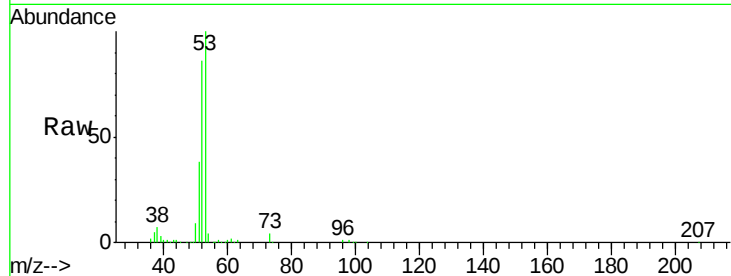
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	153443
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.7	100.1
51	37.3	30.1	45.1

Manual Integrations
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MMDadoda
9/3/2019 10:45:01 AM



#16

Acetone

Concen: 268.793 ug/l

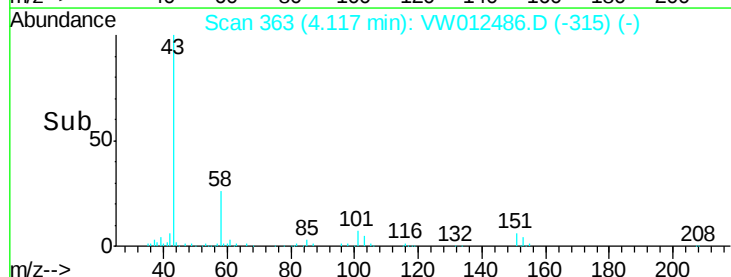
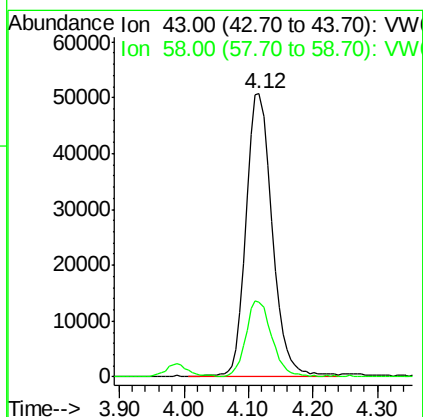
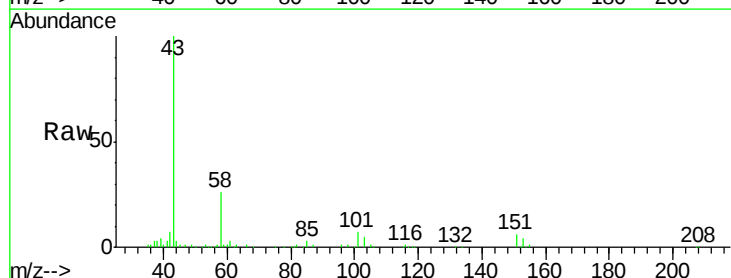
RT: 4.12 min Scan# 363

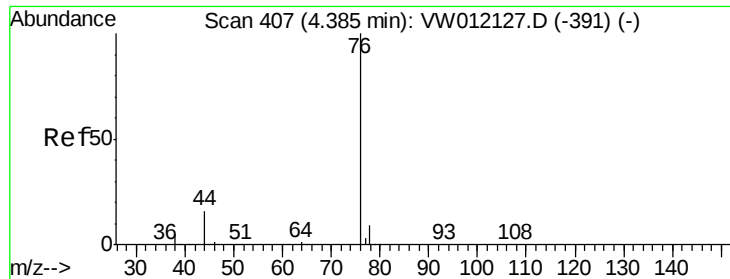
Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tgt Ion:	43	Resp:	141006
Ion	Ratio	Lower	Upper
43	100		
58	26.0	22.4	33.6





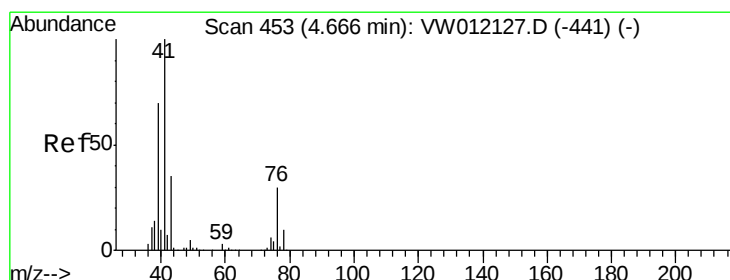
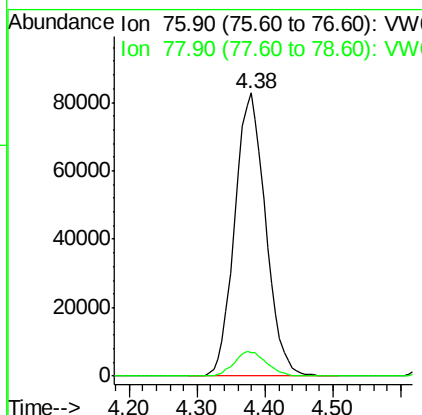
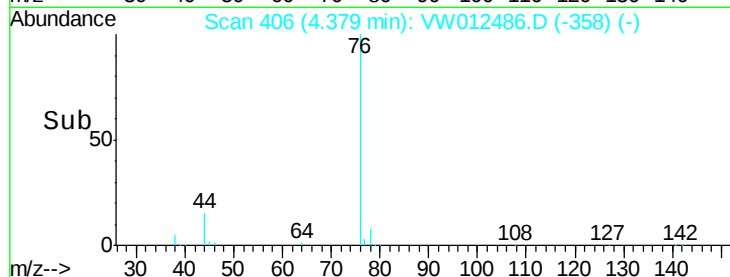
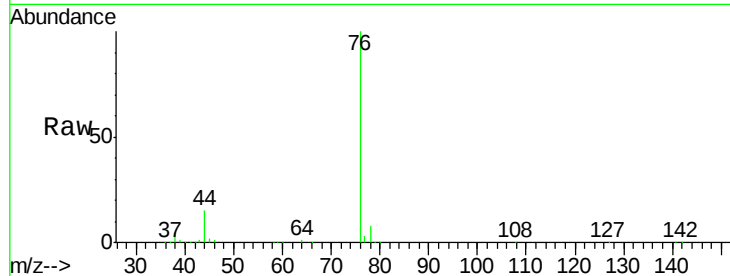
#17
Carbon Disulfide
Concen: 49.845 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

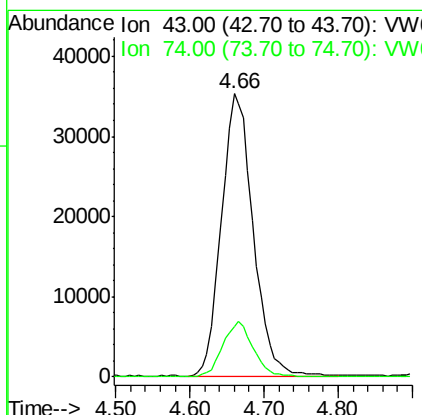
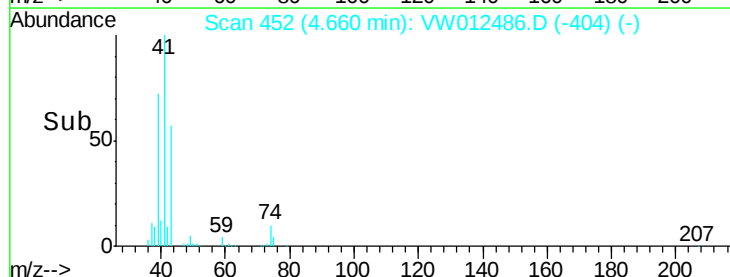
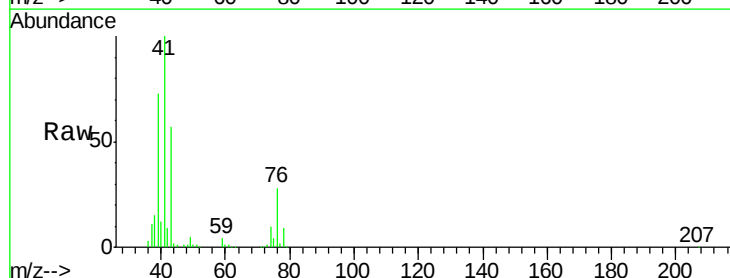
Manual Integrations
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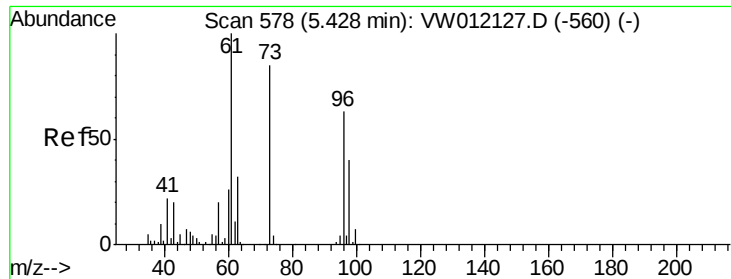
MMDadoda
9/3/2019 10:45:01 AM



#18
Methyl Acetate
Concen: 80.114 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	15.7	23.5





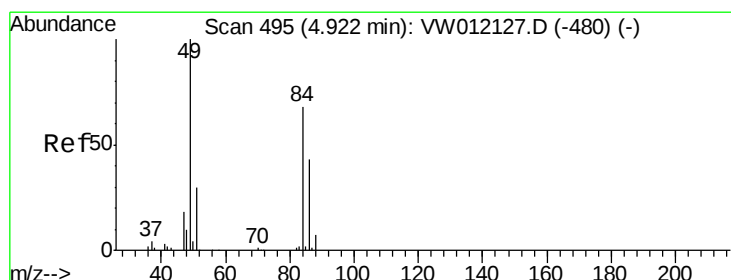
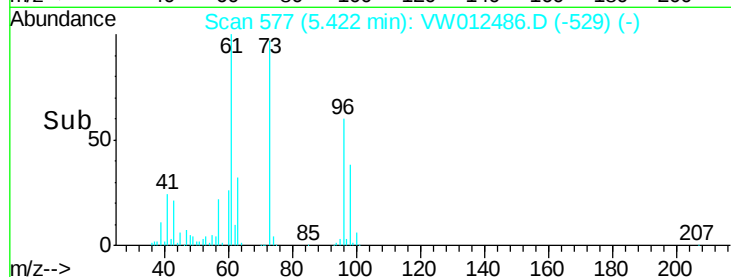
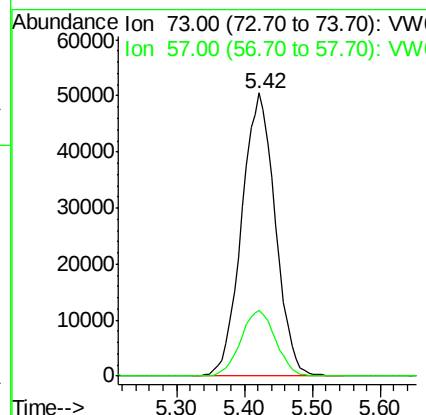
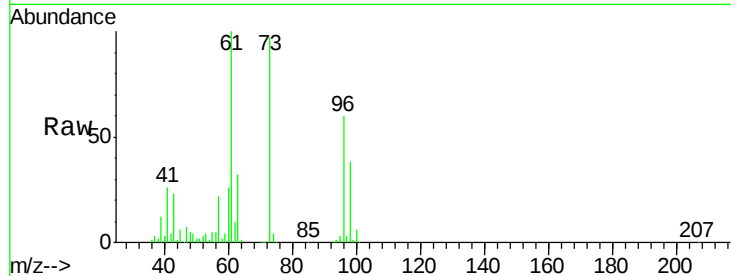
#19
Methvl tert-butvl Ether
Concen: 61.879 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 173281
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3

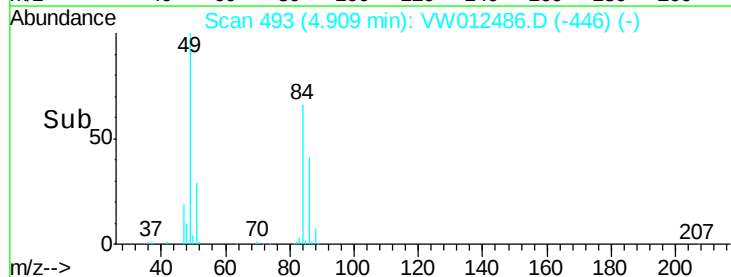
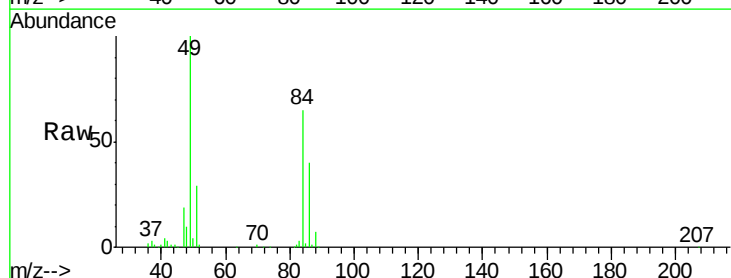
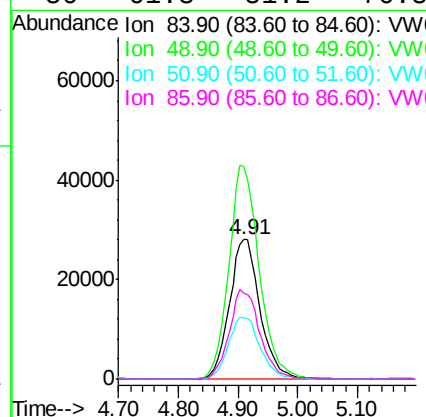
Manual Integrations
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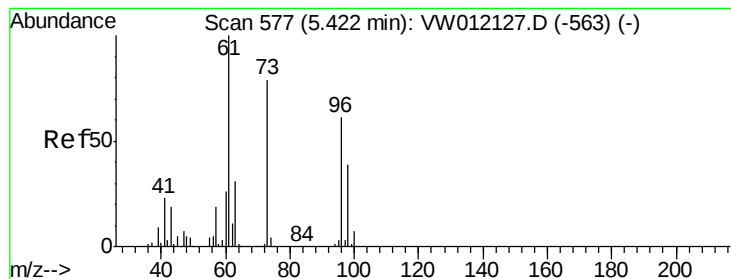
MMDadoda
9/3/2019 10:45:01 AM



#20
Methylene Chloride
Concen: 50.197 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion: 84 Resp: 99549
Ion Ratio Lower Upper
84 100
49 152.7 117.8 176.8
51 44.0 35.6 53.4
86 61.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 52.928 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

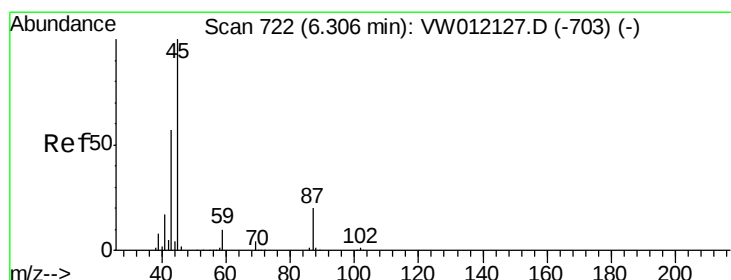
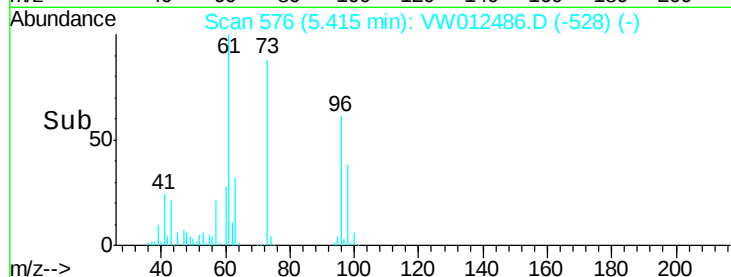
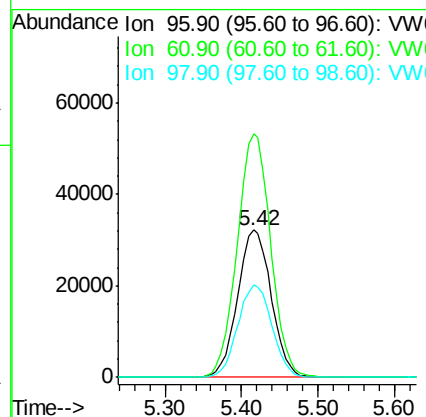
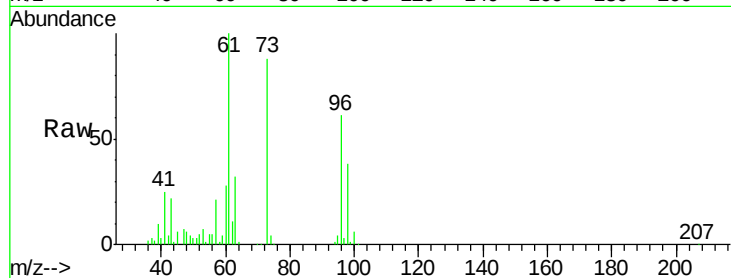
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	98283
Ion Ratio	Lower	Upper	
96	100		
61	165.1	131.4	197.0
98	62.7	51.4	77.0

Manual Integrations
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MMDadoda
9/3/2019 10:45:01 AM



#22

Diisopropyl ether

Concen: 55.108 ug/l

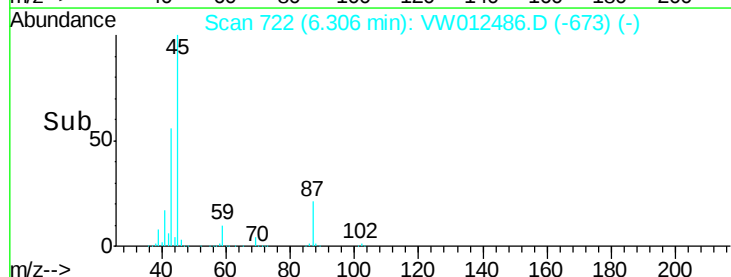
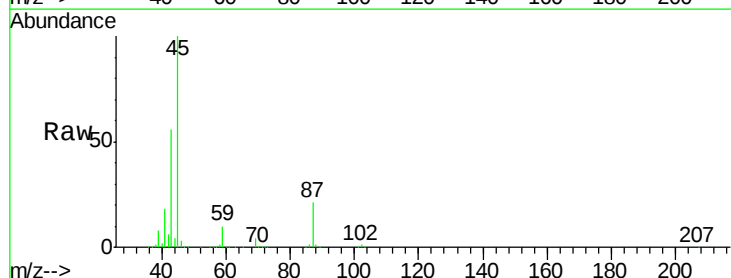
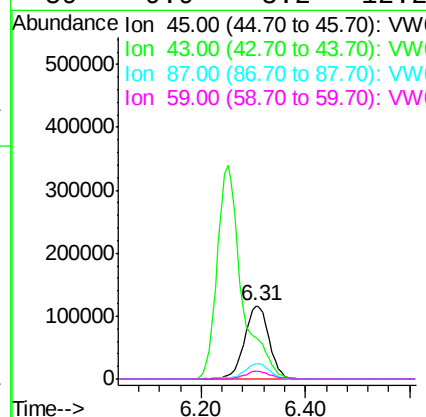
RT: 6.31 min Scan# 722

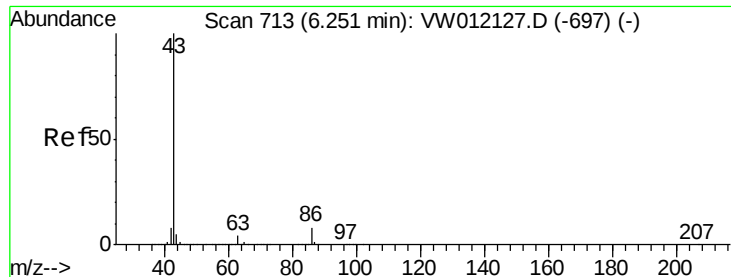
Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tgt Ion:	45	Resp:	378144
Ion Ratio	Lower	Upper	
45	100		
43	55.7	45.5	68.3
87	21.4	16.1	24.1
59	9.9	8.2	12.2





#23

Vinyl Acetate

Concen: 265.050 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1119288

Ion Ratio Lower Upper

43 100

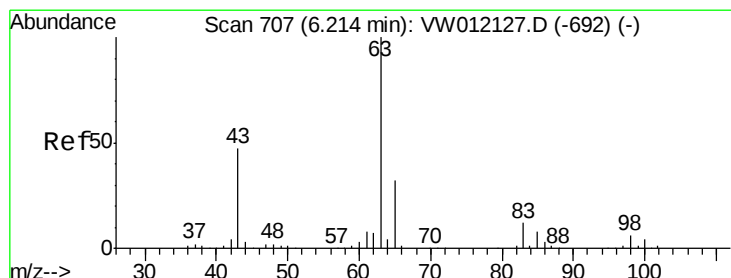
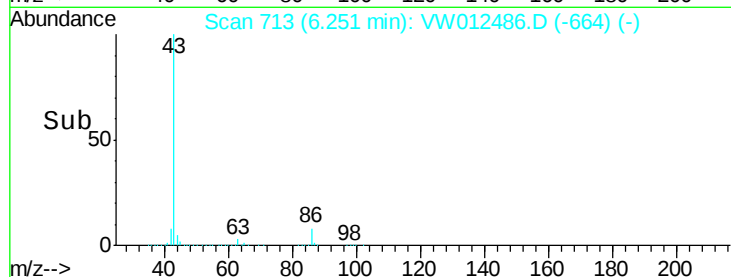
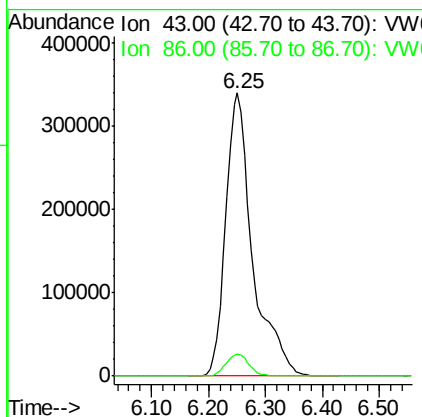
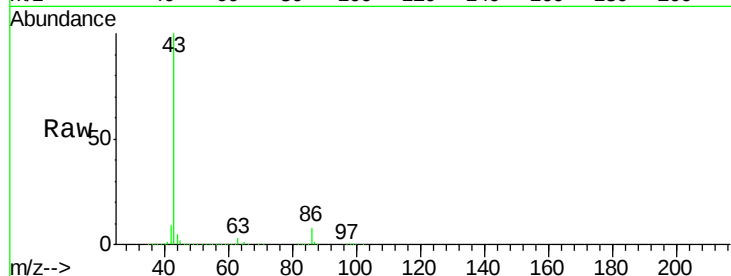
86 7.8 6.5 9.7

Manual Integrations

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MMDadoda

9/3/2019 10:45:01 AM



#24

1,1-Dichloroethane

Concen: 53.820 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

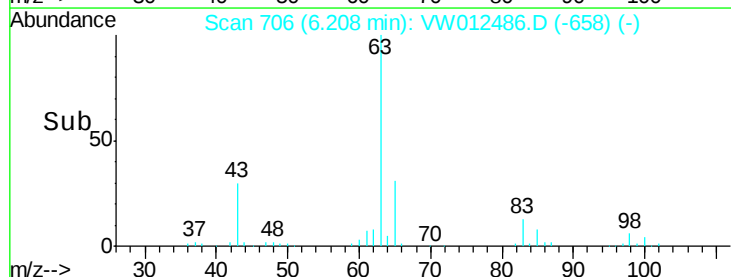
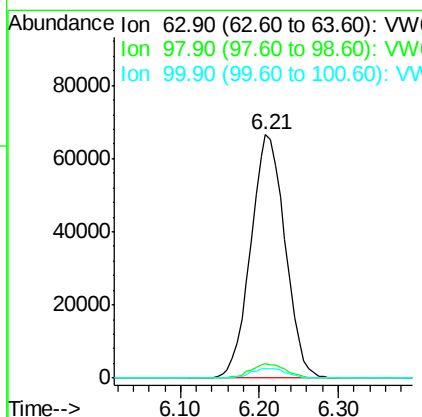
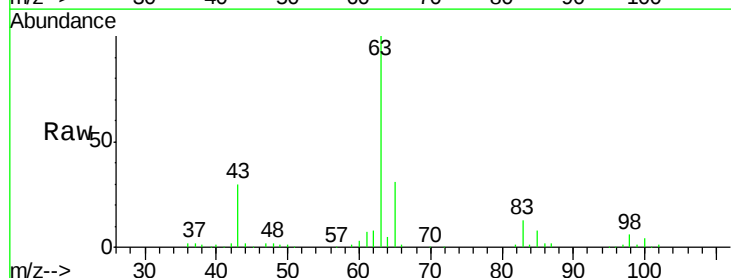
Tgt Ion: 63 Resp: 201083

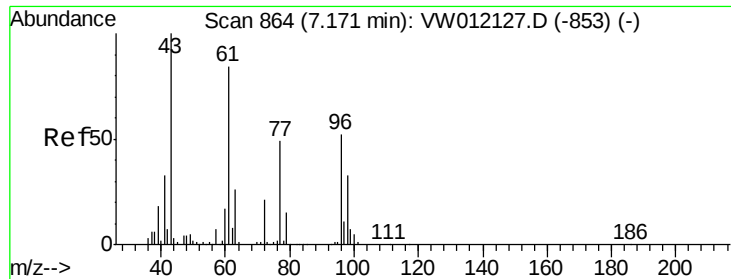
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 305.494 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 217774

Ion Ratio Lower Upper

43 100

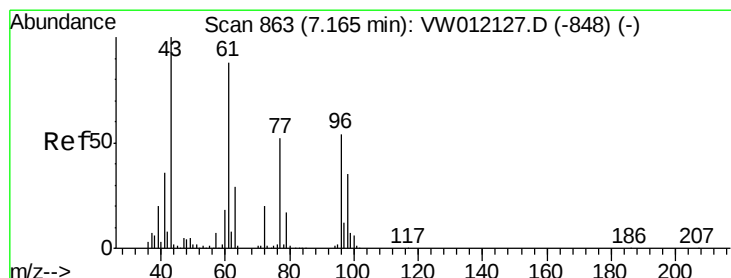
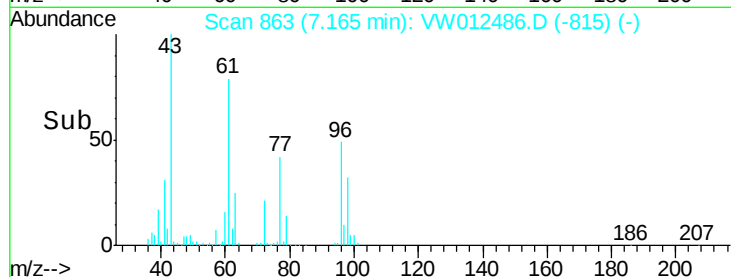
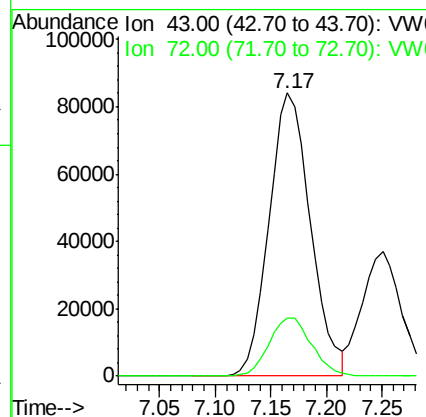
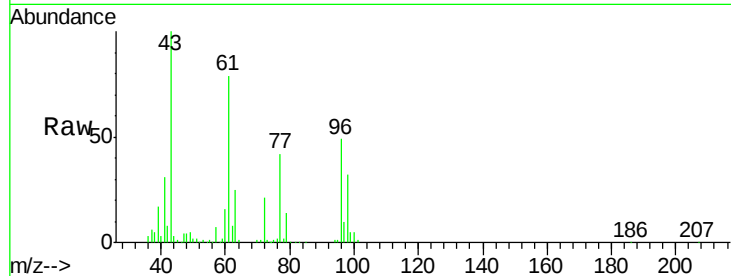
72 20.6 16.6 24.8

Manual Integrations

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9/3/2019 10:45:01 AM



#26

2,2-Dichloropropane

Concen: 49.283 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012486.D

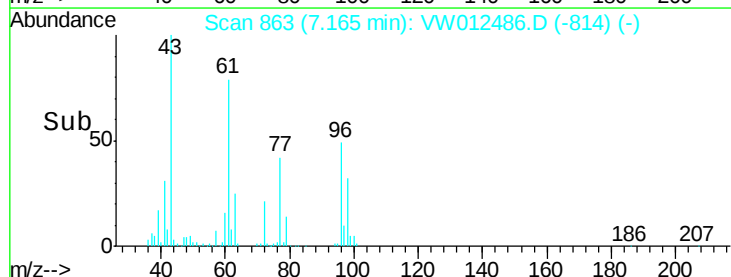
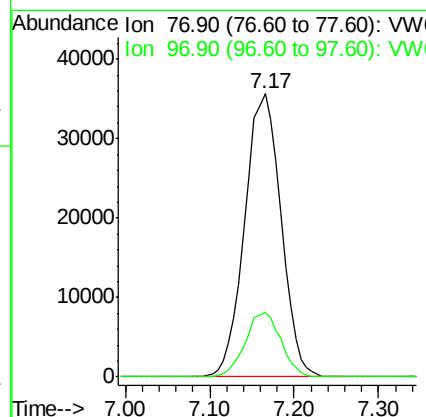
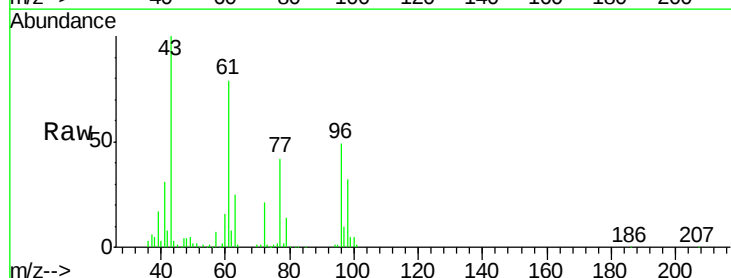
Acq: 02 Sep 2019 08:50

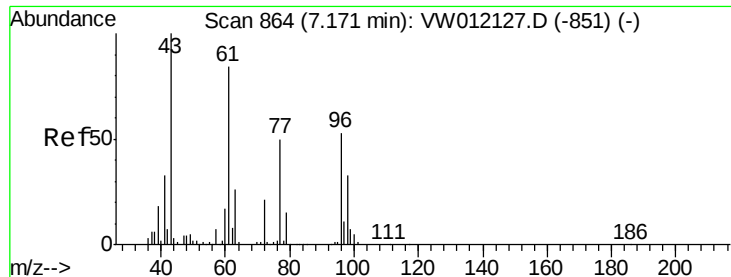
Tgt Ion: 77 Resp: 104220

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.1





#27

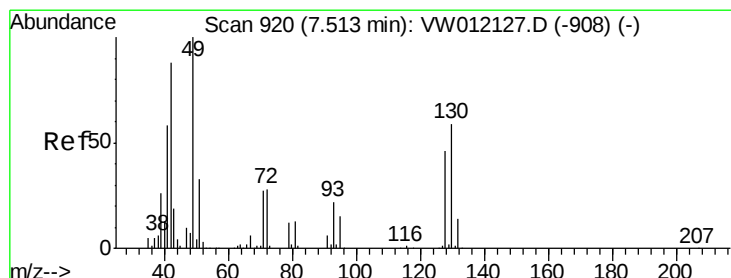
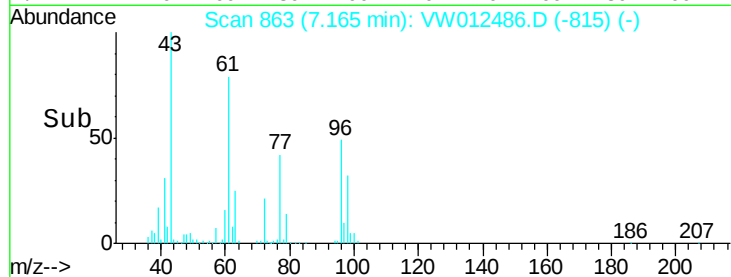
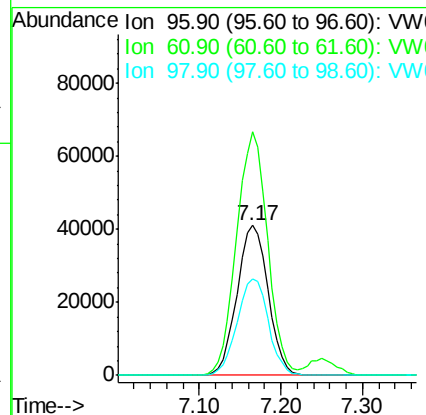
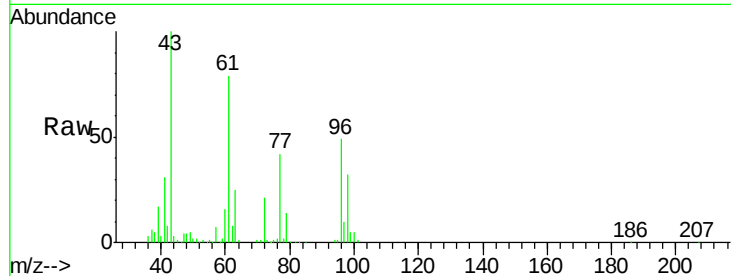
cis-1,2-Dichloroethene
Concen: 54.513 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	161.9	0.0	326.6	
98	64.7	0.0	127.4	

Manual Integrations
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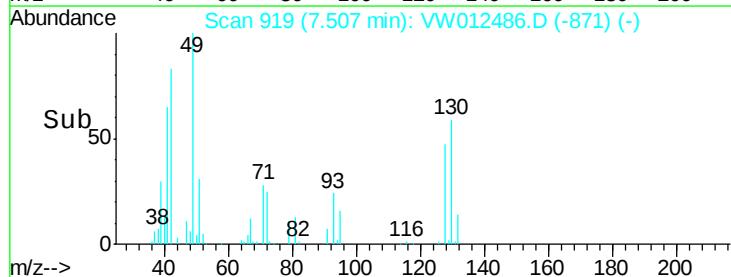
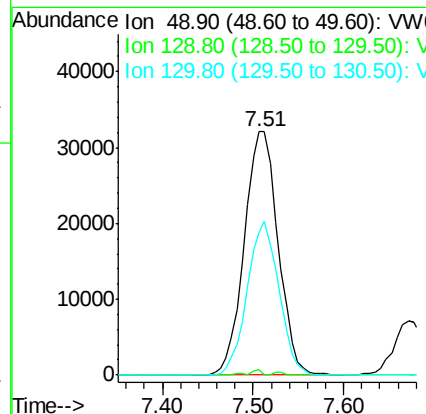
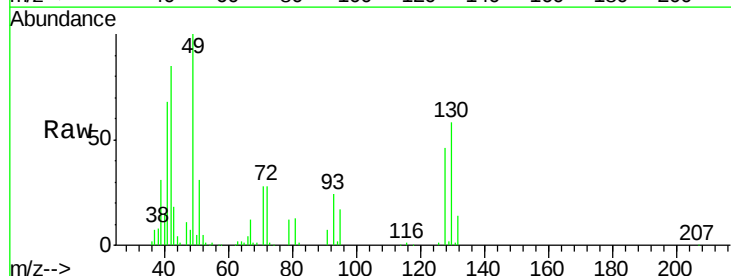
MMDadoda
9/3/2019 10:45:01 AM

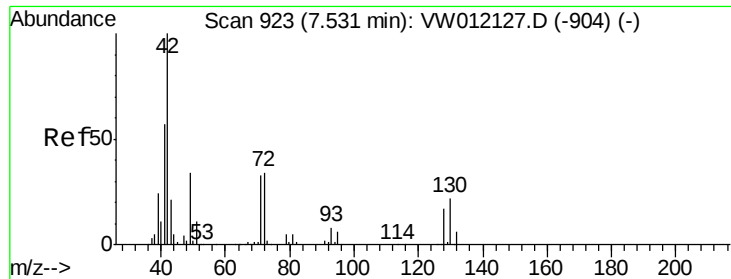


#28

Bromochloromethane
Concen: 50.867 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.8	0.0	1.4	
130	59.3	45.5	68.3	





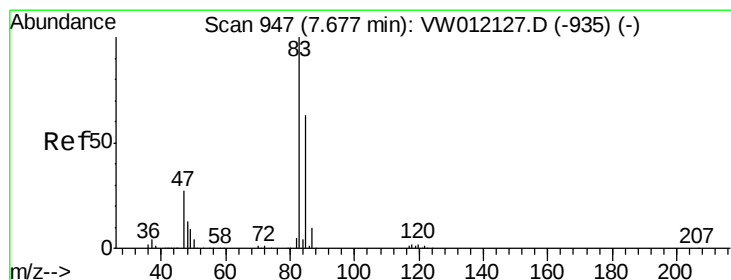
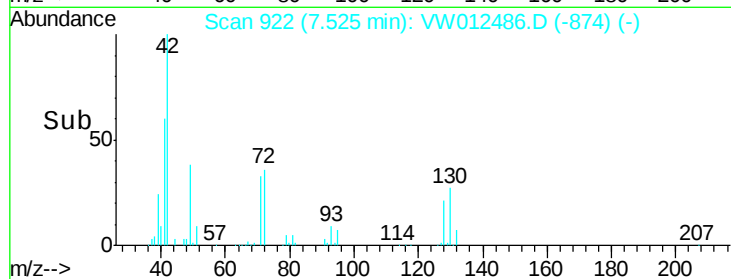
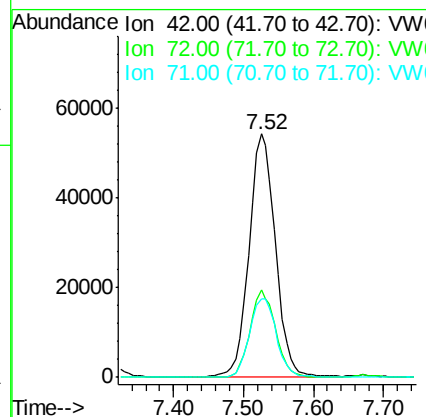
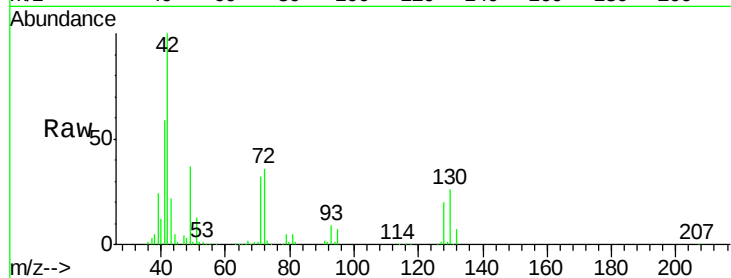
#29
Tetrahydrofuran
Concen: 331.761 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.7	27.3	40.9
71	33.1	25.5	38.3

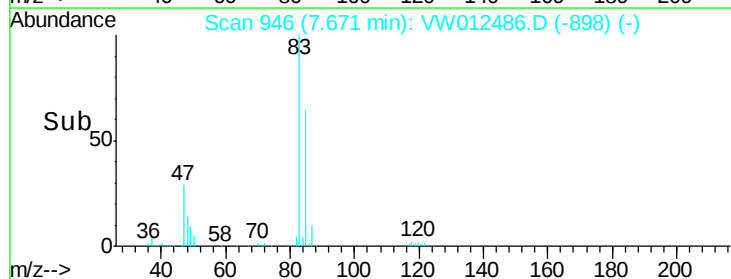
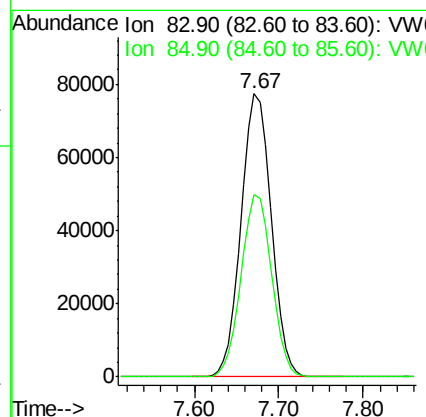
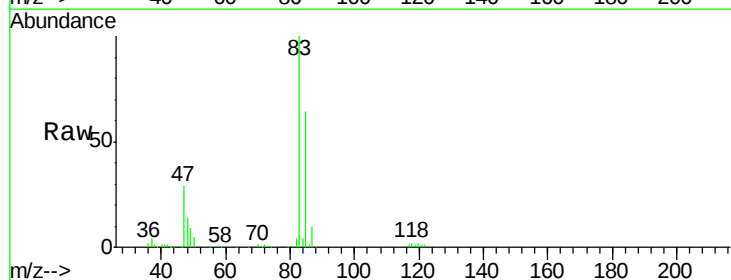
Manual Integrations
APPROVED

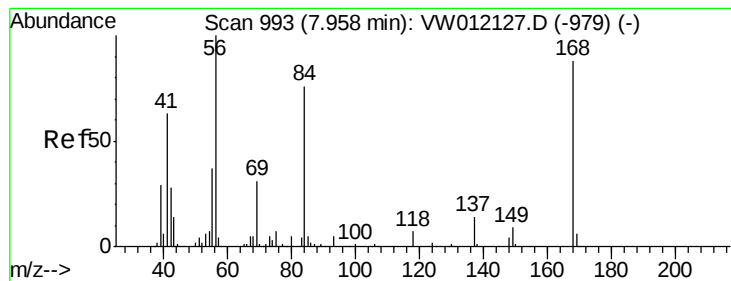
MMDadoda
9/3/2019 10:45:01 AM



#30
Chloroform
Concen: 54.847 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.6	76.0





#31

Cyclohexane

Concen: 50.976 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

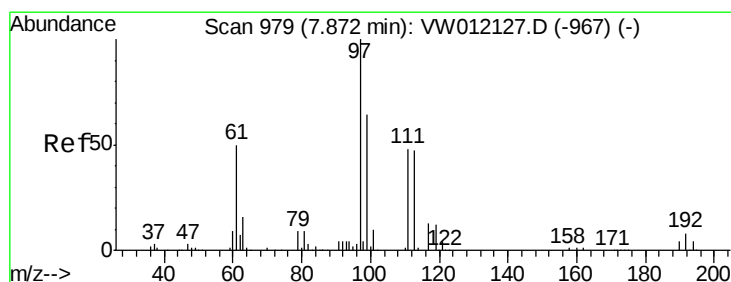
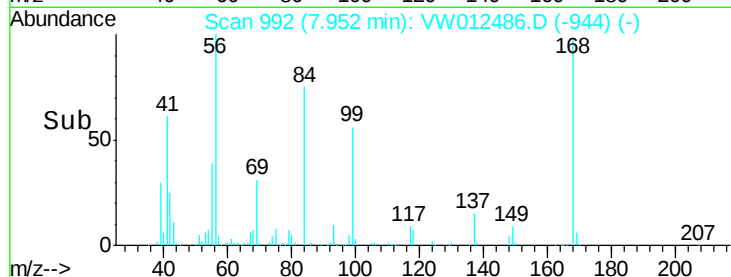
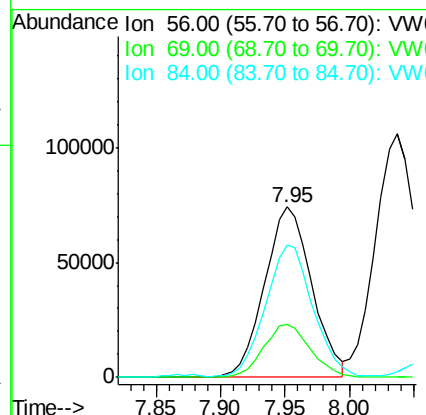
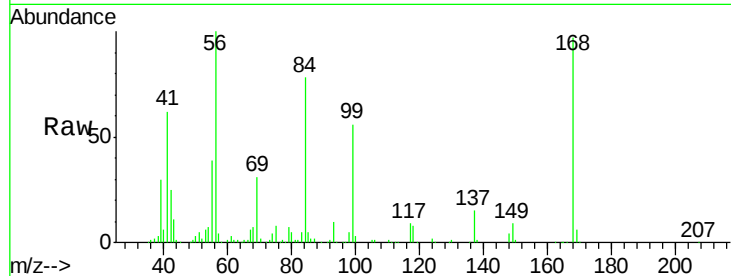
ClientSampled :

VSTDCCC050EC

Tot Ion:	56	Resp:	188432
Ion Ratio		Lower	Upper
56	100		
69	31.0	24.9	37.3
84	76.5	60.6	90.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 58.782 ug/l

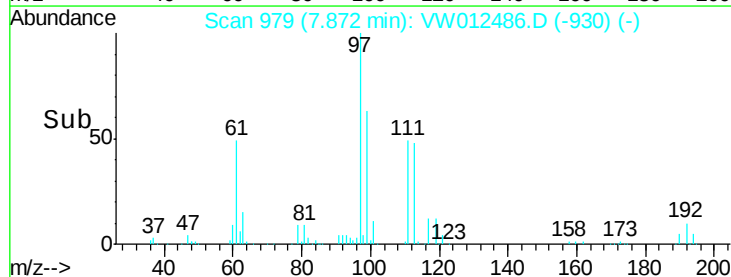
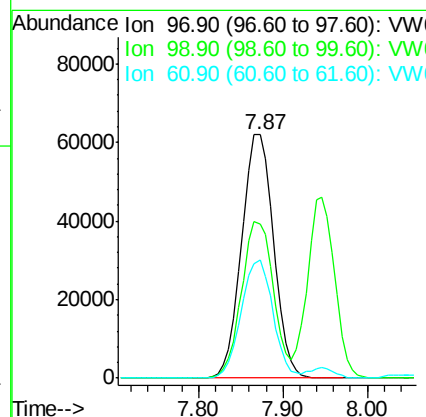
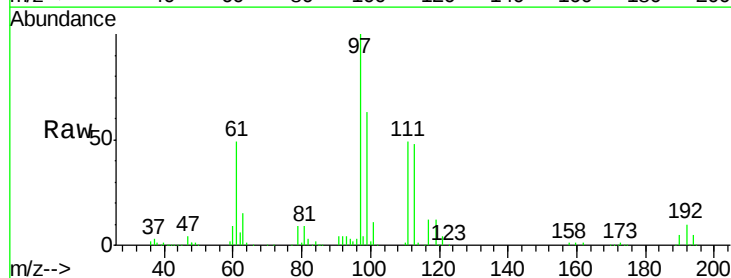
RT: 7.87 min Scan# 979

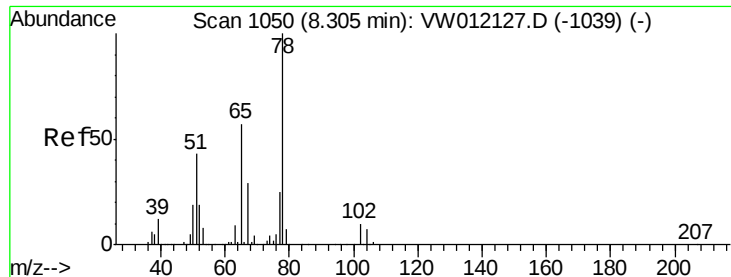
Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tgt Ion:	97	Resp:	158952
Ion Ratio		Lower	Upper
97	100		
99	64.4	51.4	77.0
61	48.3	39.5	59.3





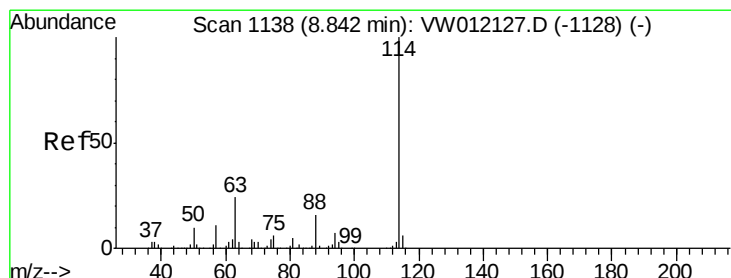
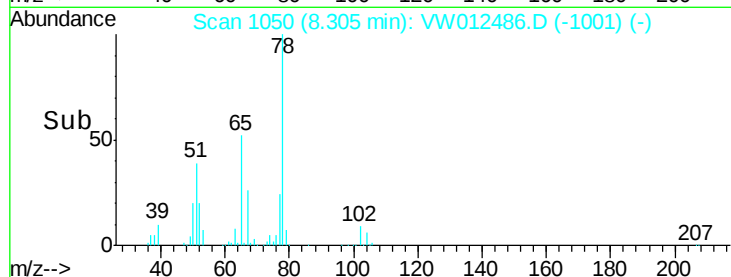
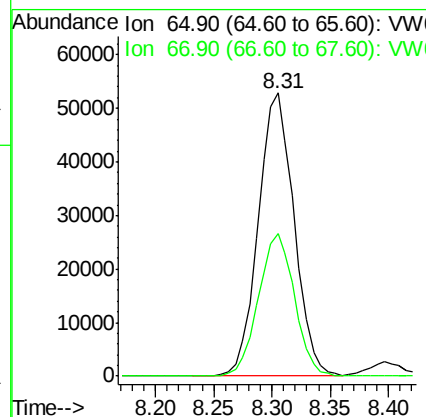
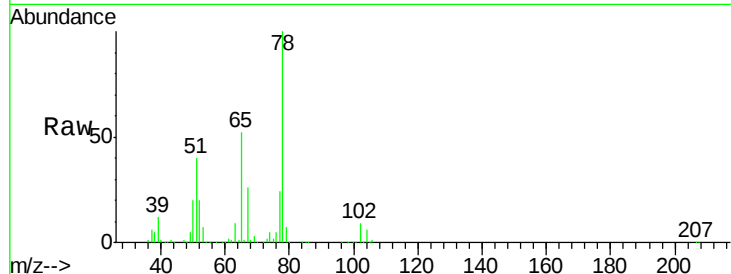
#33
 1,2-Dichloroethane-d4
 Concen: 55.221 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113326		
67	50.8	0.0	102.6	

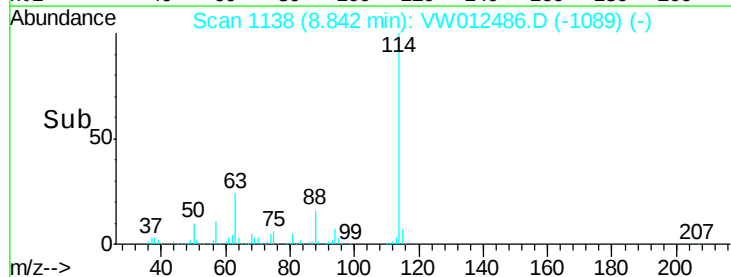
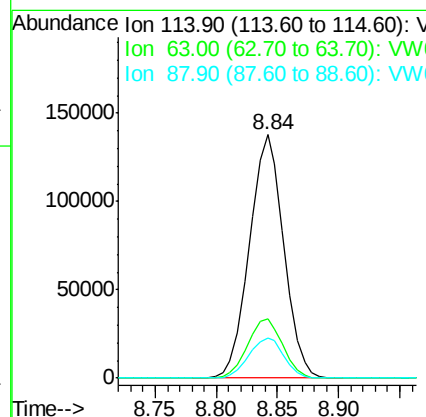
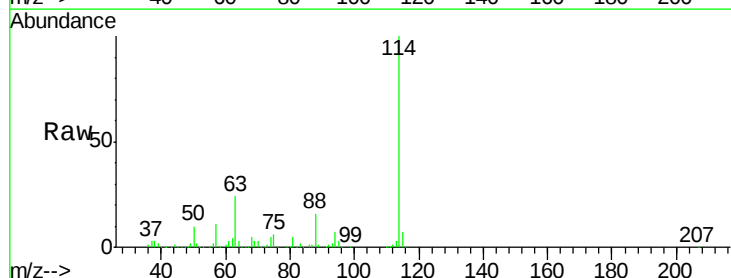
Manual Integrations
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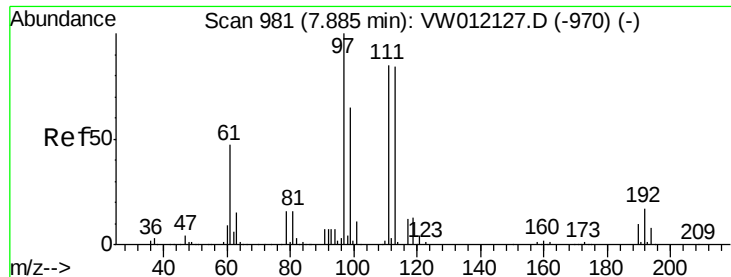
MMDadoda
 9/3/2019 10:45:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	268288		
63	24.4	0.0	48.6	
88	16.4	0.0	32.2	





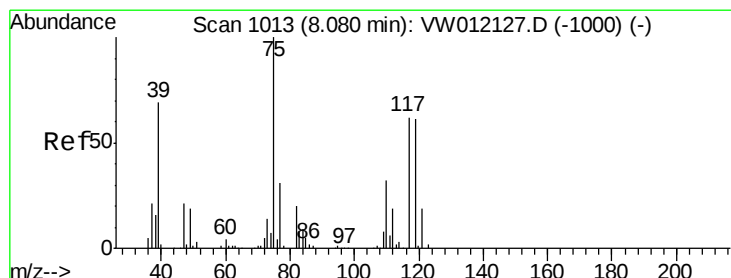
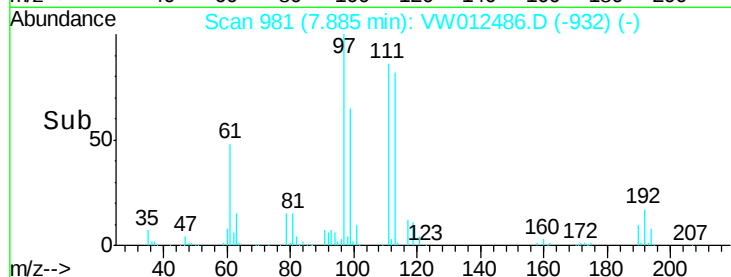
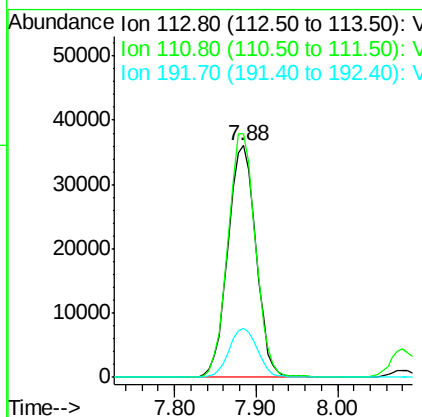
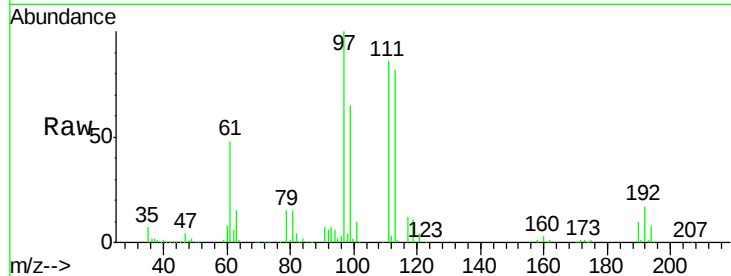
#35
Dibromofluoromethane
Concen: 53.350 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	21.3	16.2	24.2

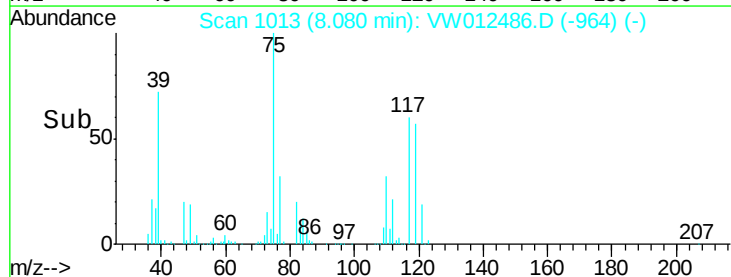
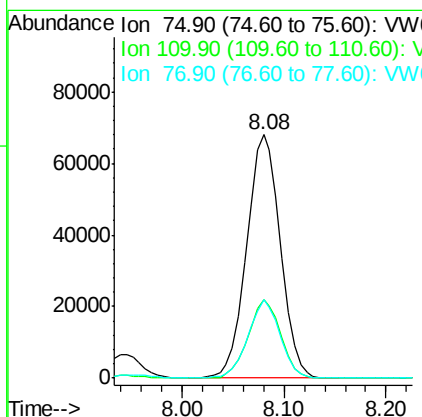
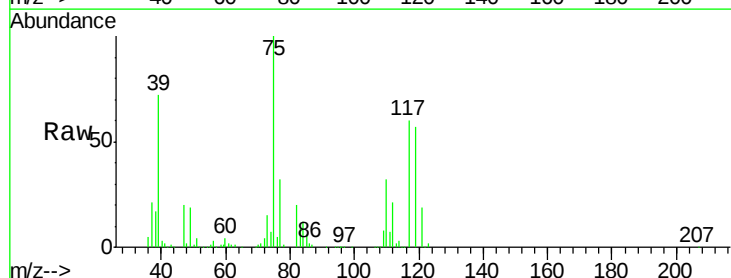
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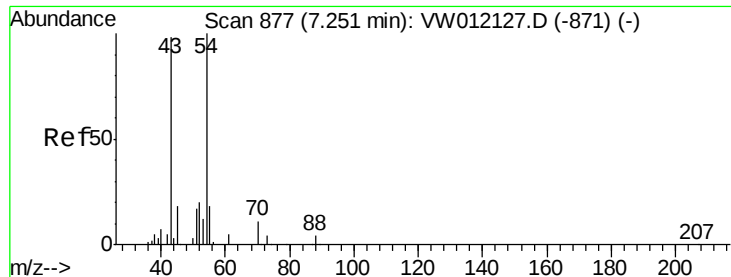
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#36
1,1-Dichloropropene
Concen: 56.436 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.2	15.6	46.8
77	30.8	24.6	36.8





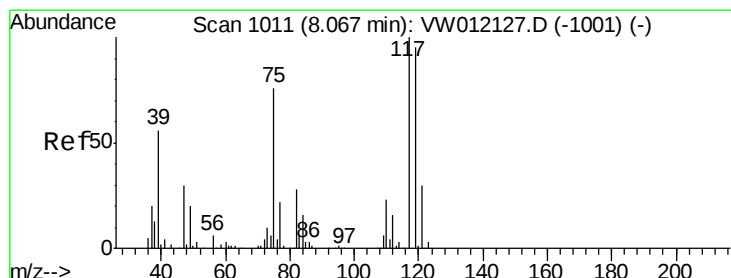
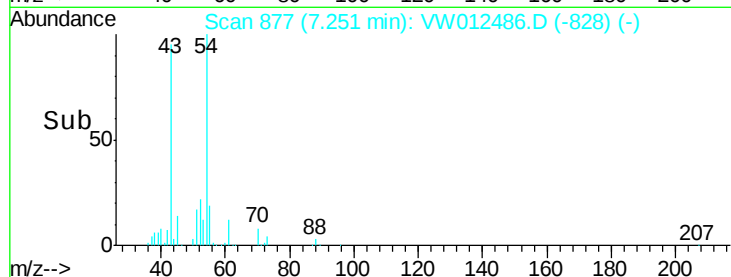
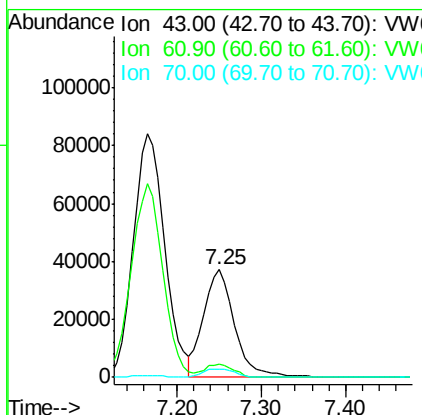
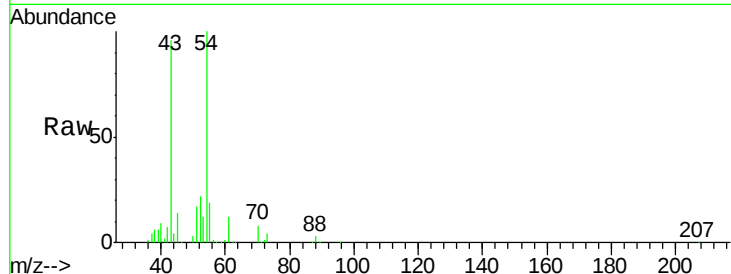
#37
Ethyl Acetate
Concen: 61.944 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.2	13.8
70	8.3	6.9	10.3

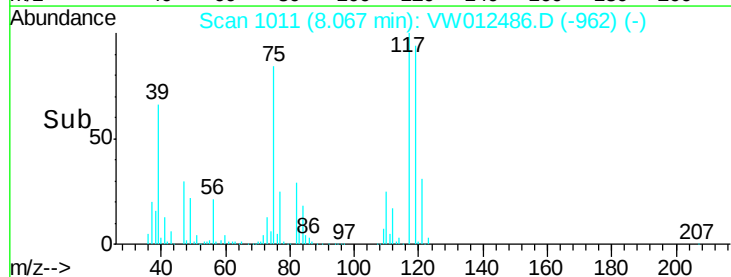
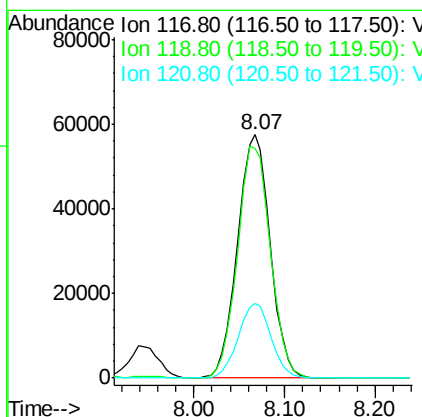
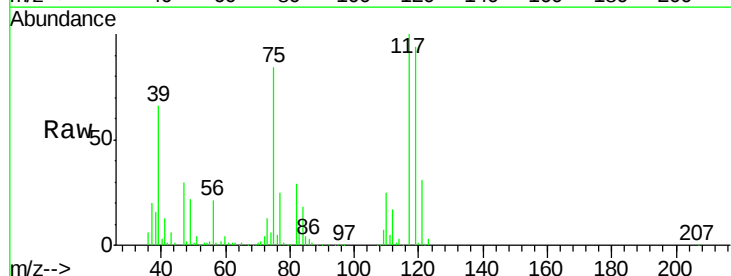
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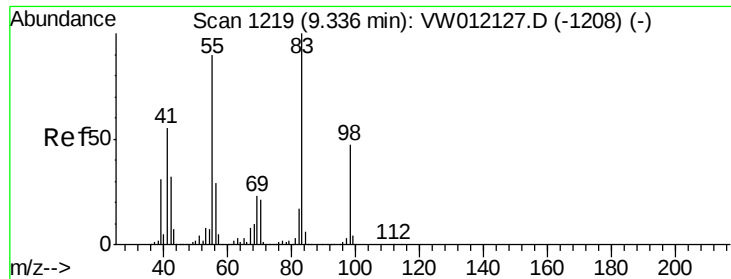
MMDadoda
9/3/2019 10:45:01 AM



#38
Carbon Tetrachloride
Concen: 59.693 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.2	114.2
121	30.8	23.8	35.8





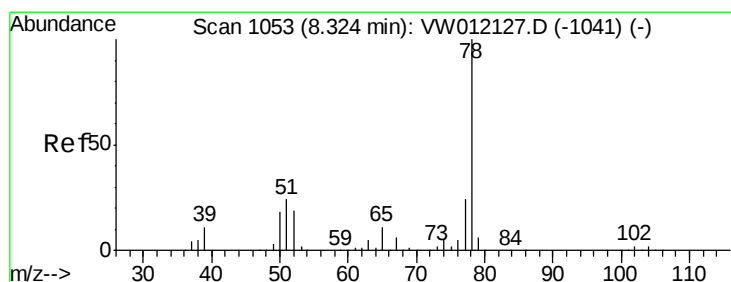
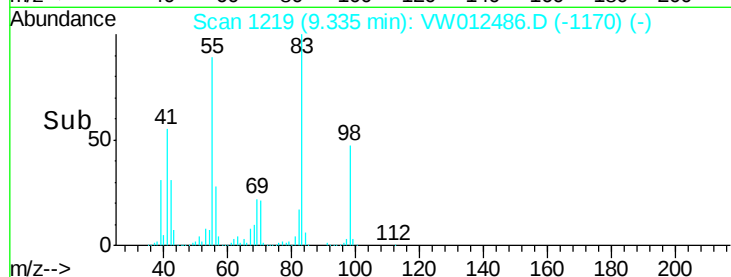
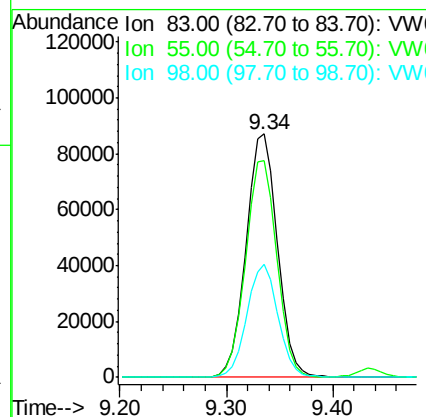
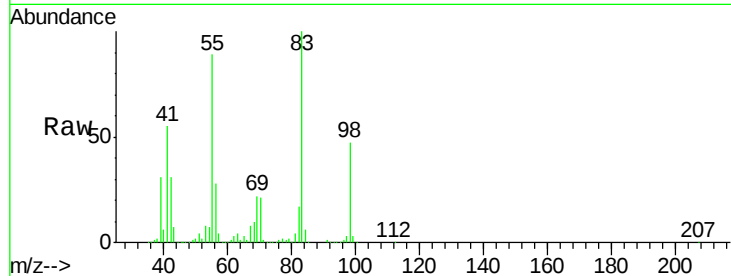
#39
Methvlcvclohexane
Concen: 57.924 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.8	71.8	107.8
98	46.6	37.8	56.8

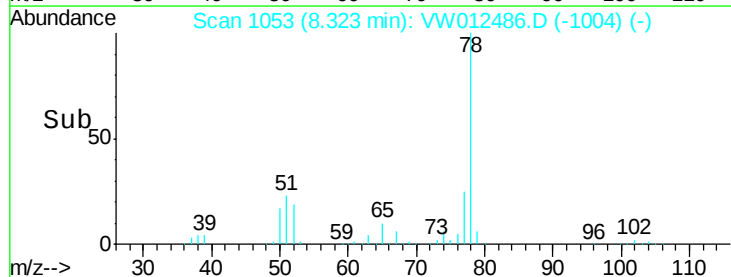
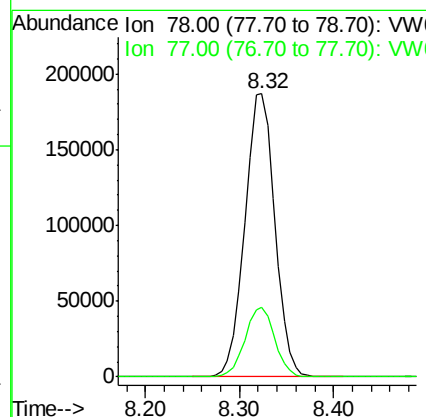
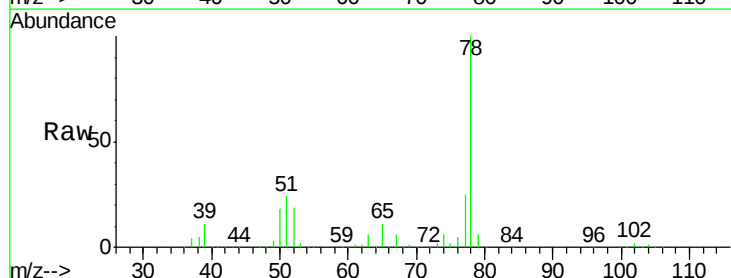
Manual Integrations
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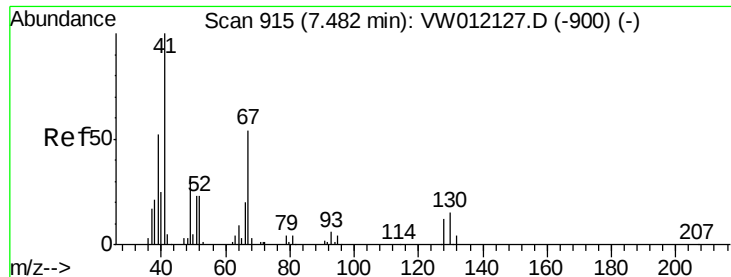
MMDadoda
9/3/2019 10:45:01 AM



#40
Benzene
Concen: 55.099 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.5	29.3





#41

Methacrylonitrile

Concen: 68.021 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

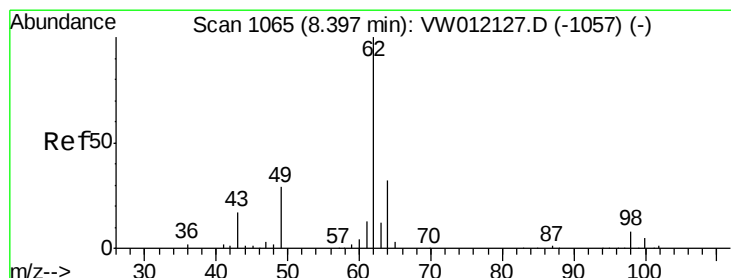
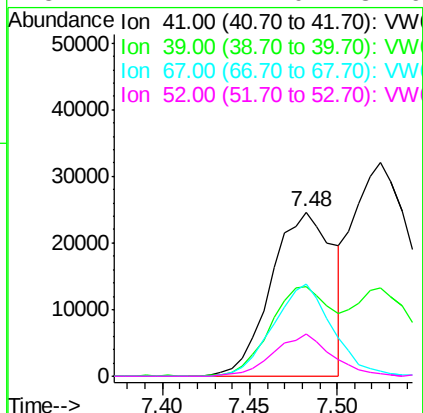
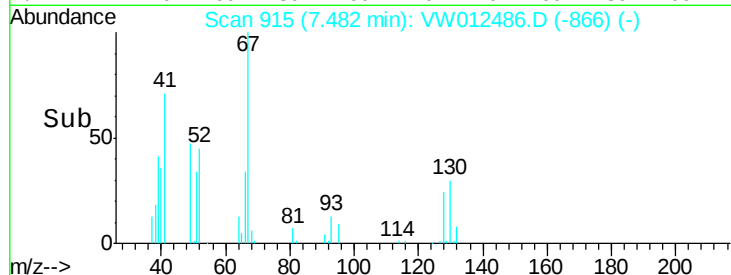
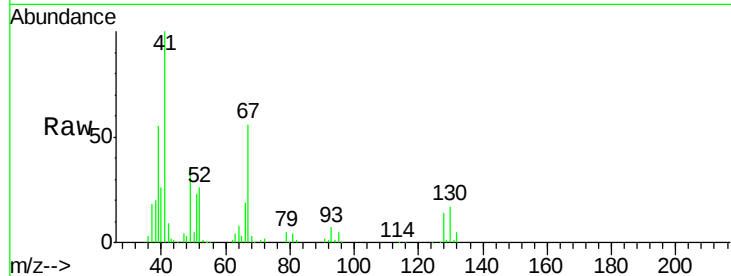
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		60737		
39	54.3	45.8	68.8		
67	54.1	46.2	69.4		
52	24.7	21.0	31.6		

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#42

1,2-Dichloroethane

Concen: 59.853 ug/l

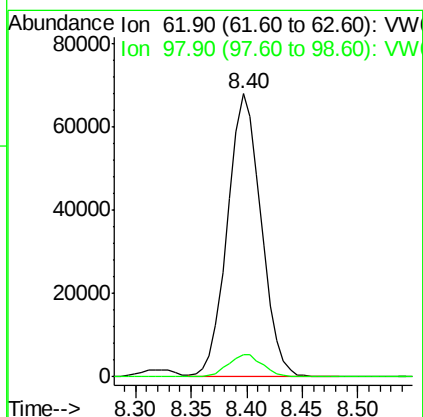
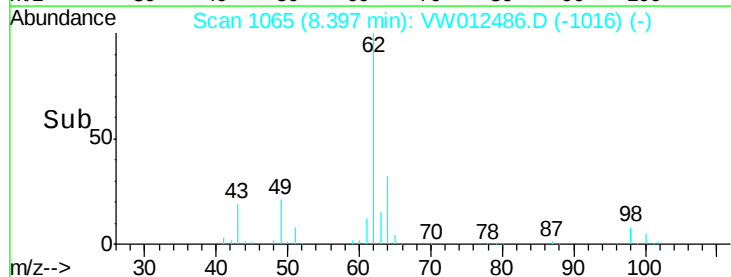
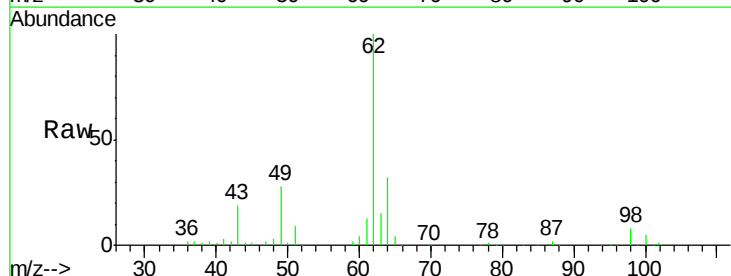
RT: 8.40 min Scan# 1065

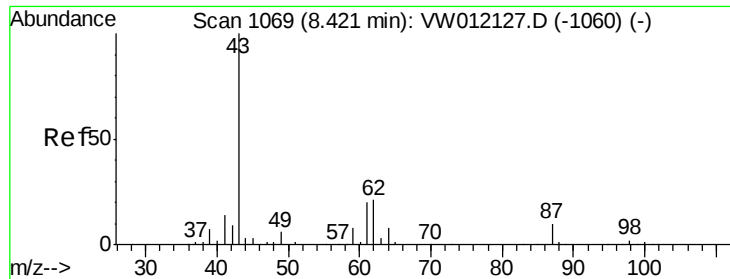
Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		142009		
98	8.2	0.0	16.6		





#43

Isopropyl Acetate

Concen: 61.939 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 174306

Ion Ratio Lower Upper

43 100

61 26.6 21.1 31.7

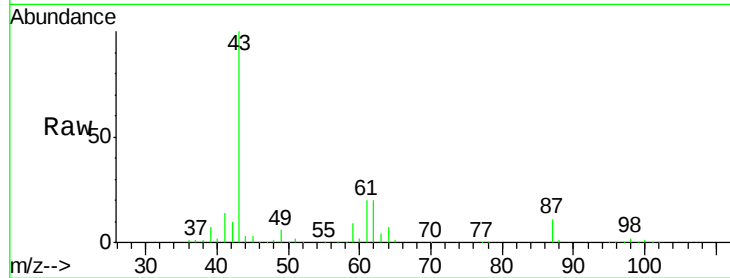
87 10.5 8.2 12.2

Manual Integrations

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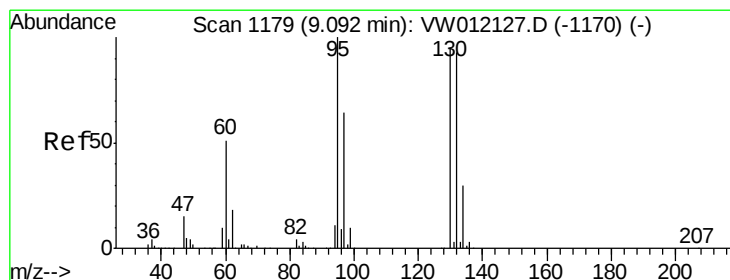
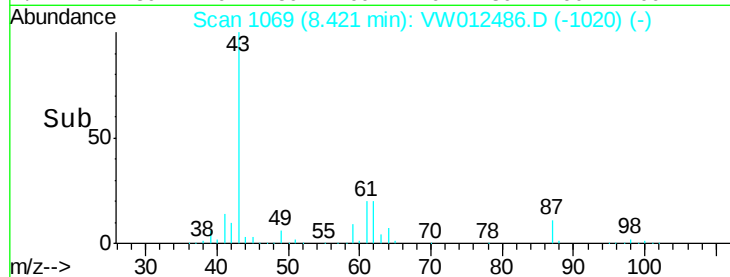
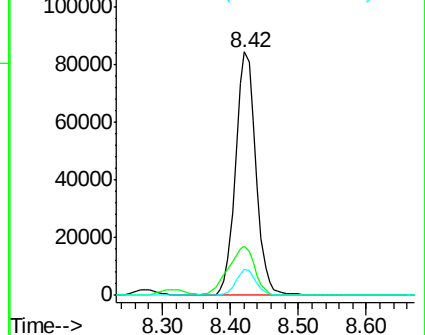
9/3/2019 10:45:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 56.031 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012486.D

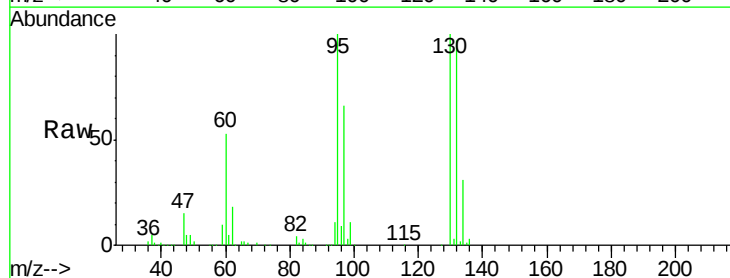
Acq: 02 Sep 2019 08:50

Tgt Ion: 130 Resp: 103116

Ion Ratio Lower Upper

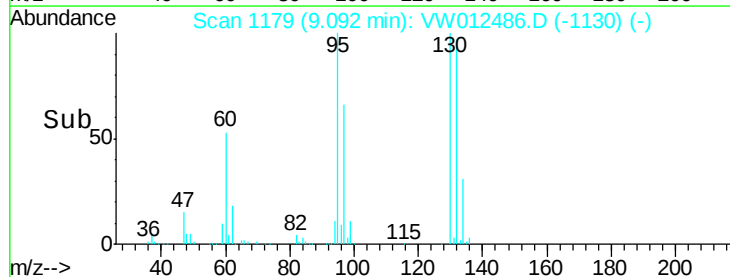
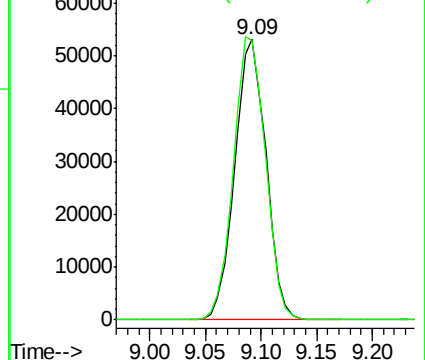
130 100

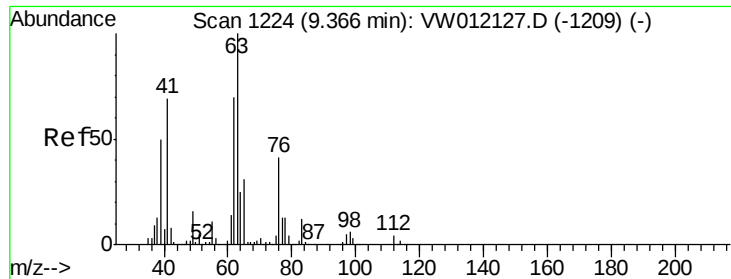
95 99.6 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 54.018 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 110057

Ion Ratio Lower Upper

63 100

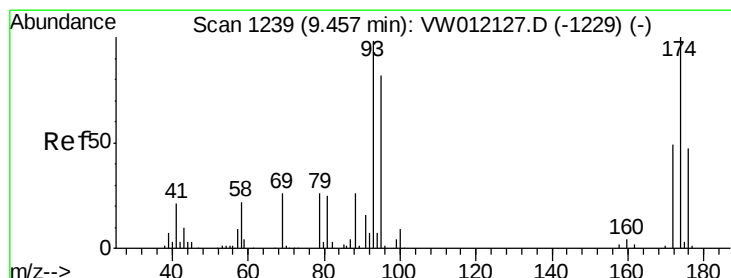
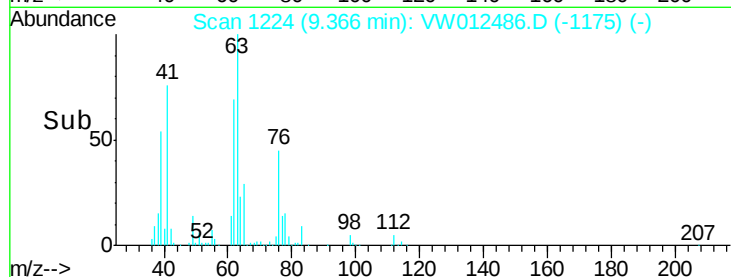
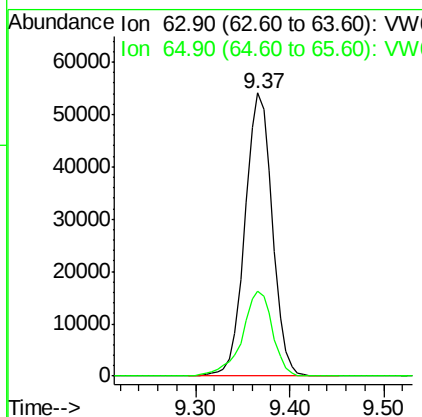
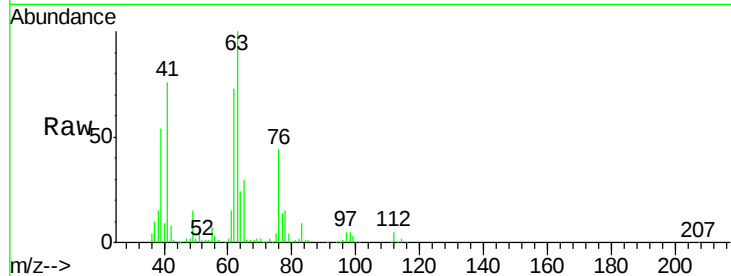
65 29.8 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 59.910 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

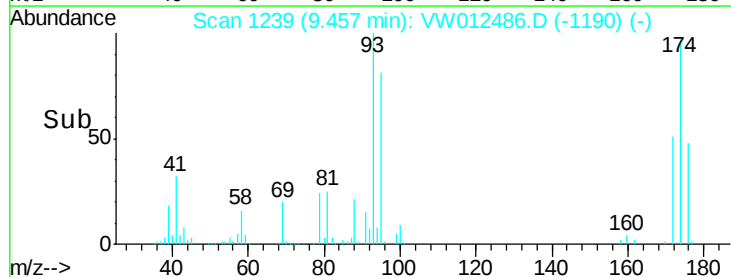
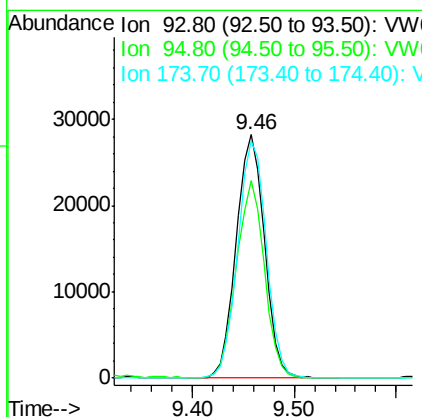
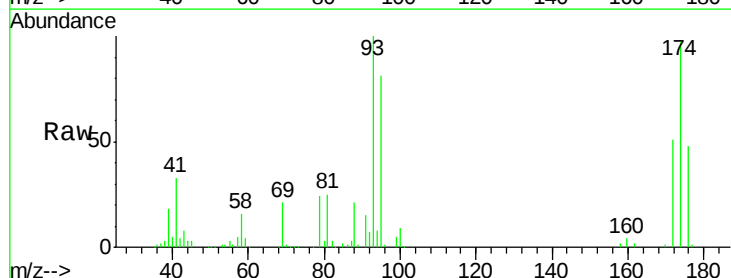
Tgt Ion: 93 Resp: 54309

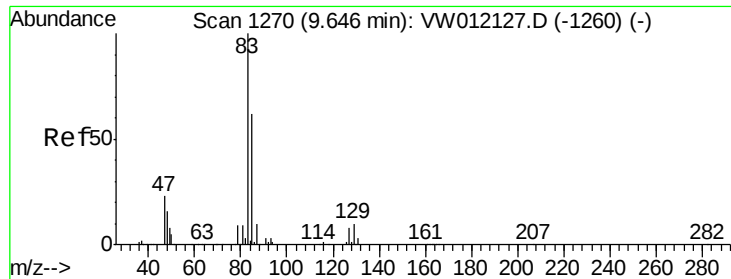
Ion Ratio Lower Upper

93 100

95 80.2 67.2 100.8

174 98.3 79.0 118.6





#47

Bromodichloromethane

Concen: 57.417 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

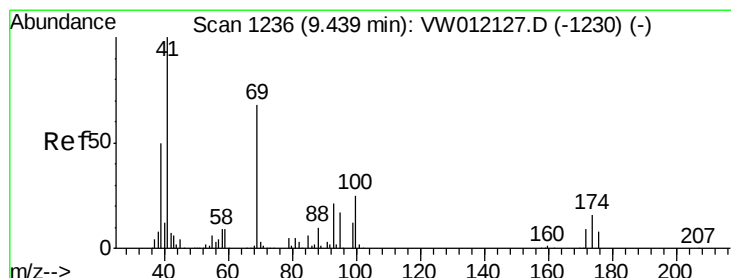
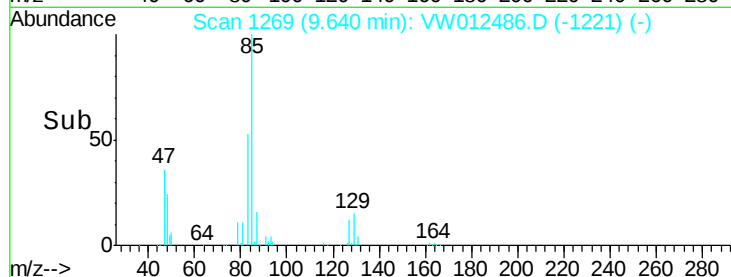
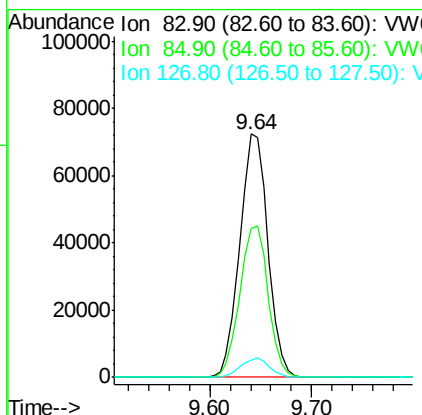
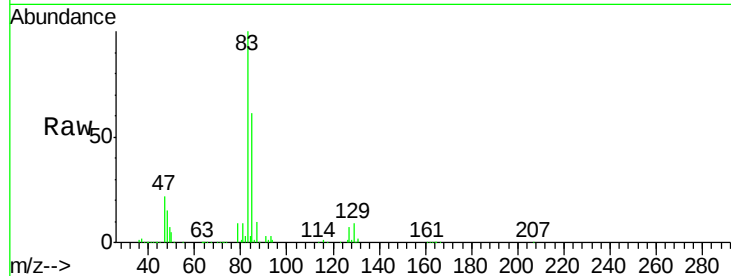
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	138525
Ion Ratio	Lower	Upper	
83	100		
85	60.9	49.4	74.2
127	7.3	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 65.301 ug/l

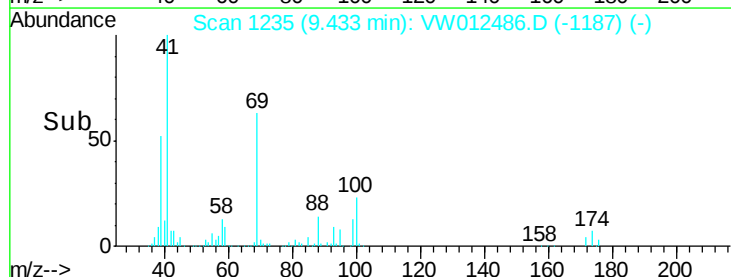
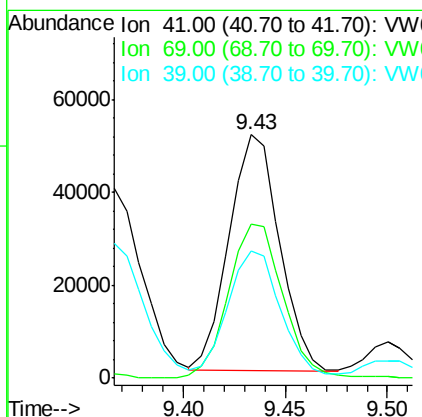
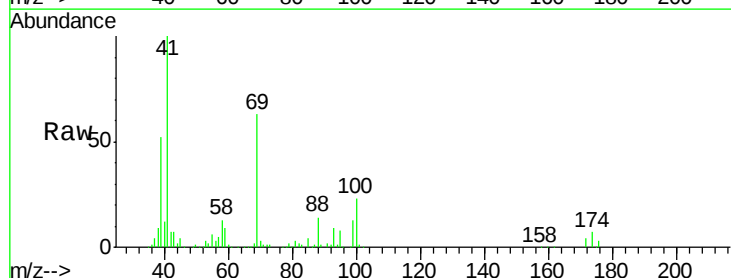
RT: 9.43 min Scan# 1235

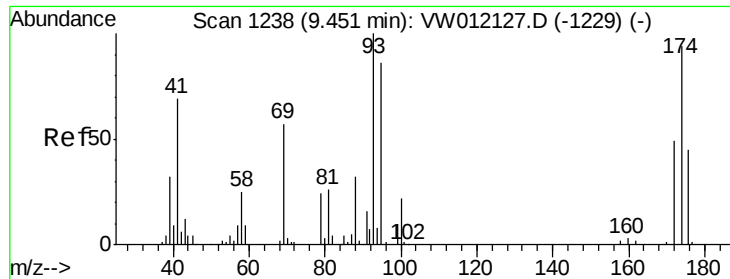
Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tgt Ion:	41	Resp:	87464
Ion Ratio	Lower	Upper	
41	100		
69	70.2	56.7	85.1
39	53.0	42.0	63.0





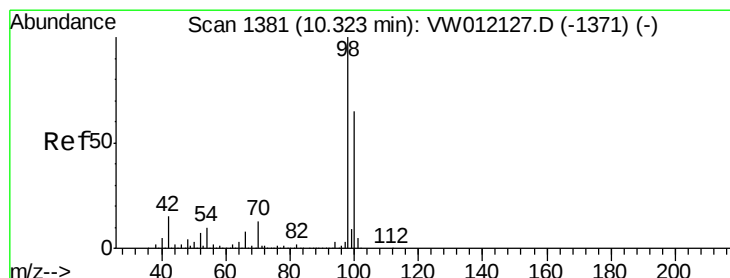
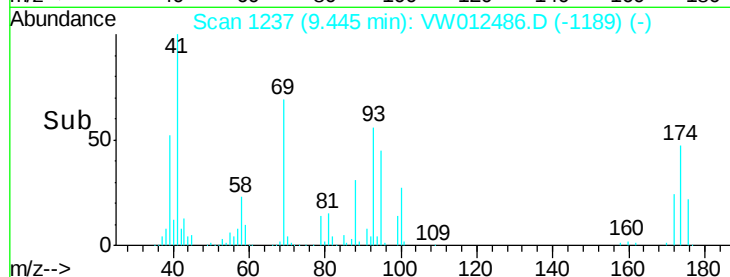
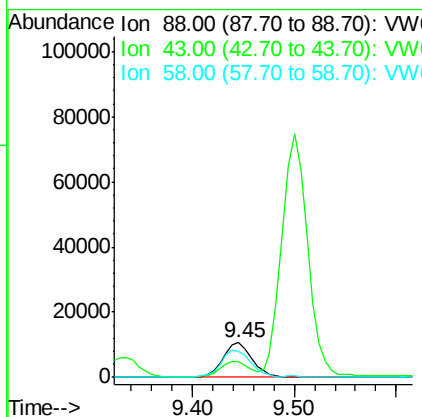
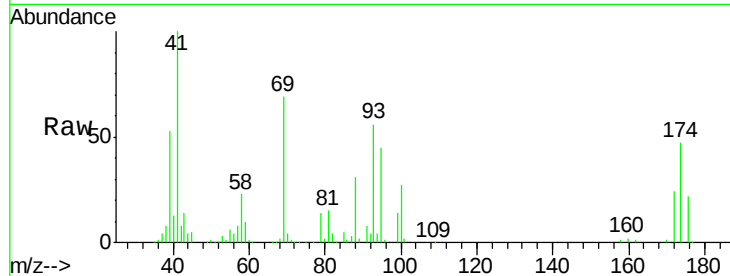
#49
 1,4-Dioxane
 Concen: 1529.088 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	21220
Ion	Ratio	Lower	Upper
88	100		
43	42.6	32.9	49.3
58	80.3	71.0	106.4

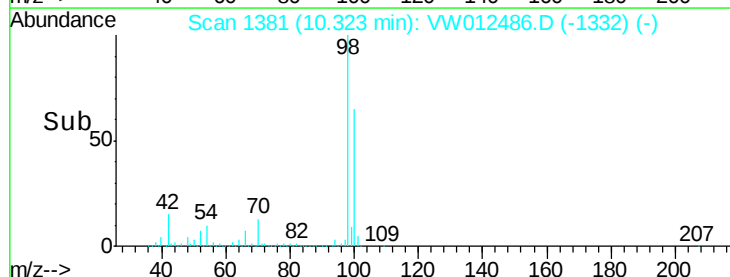
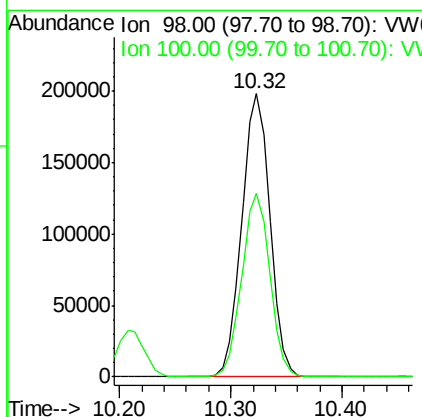
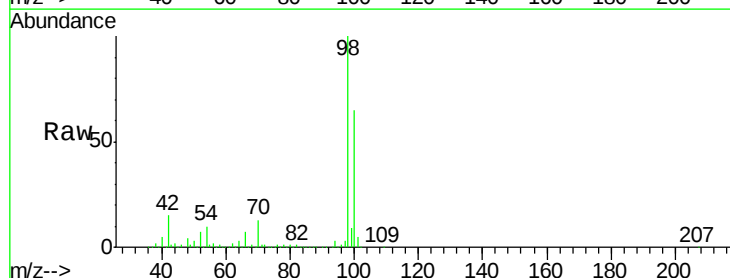
Manual Integrations
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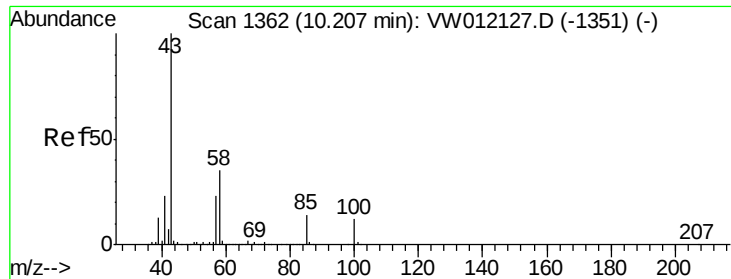
MMDadoda
 9/3/2019 10:45:01 AM



#50
 Toluene-d8
 Concen: 53.630 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion	98	Resp	348234
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 331.735 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 474833

Ion Ratio Lower Upper

43 100

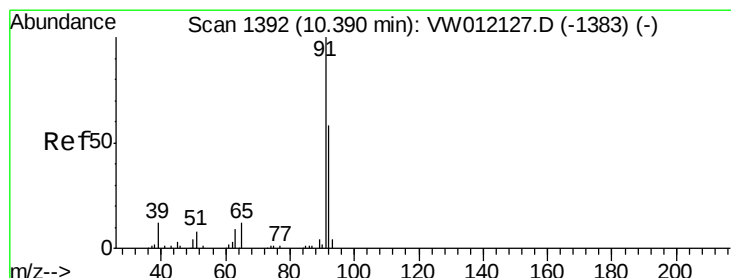
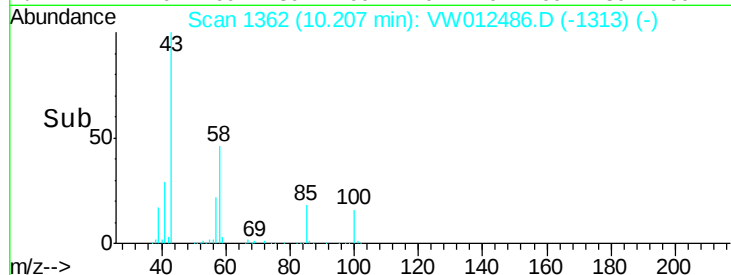
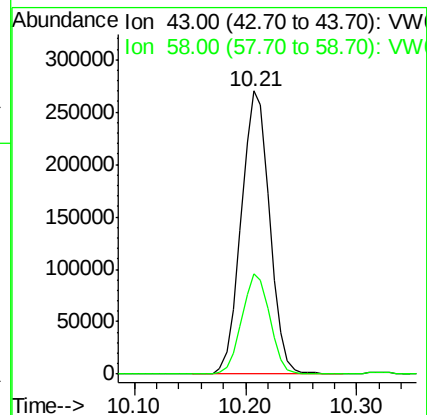
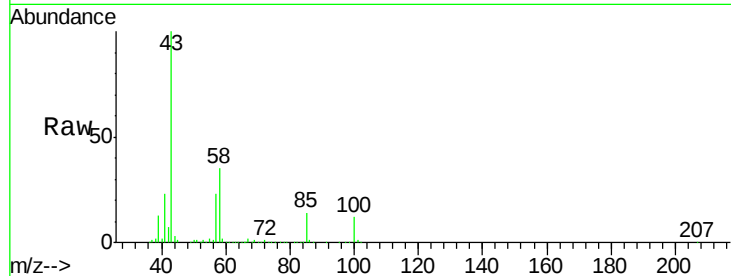
58 35.0 28.2 42.2

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#52

Toluene

Concen: 56.211 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012486.D

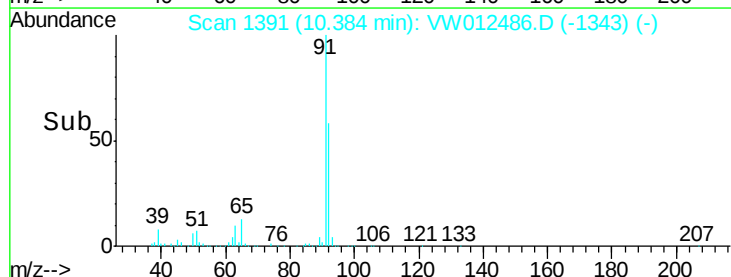
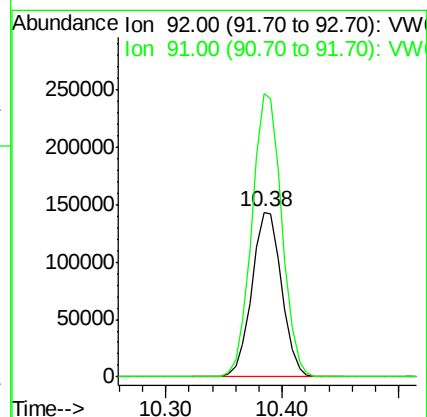
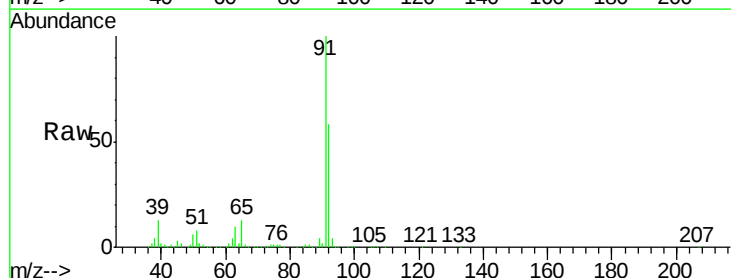
Acq: 02 Sep 2019 08:50

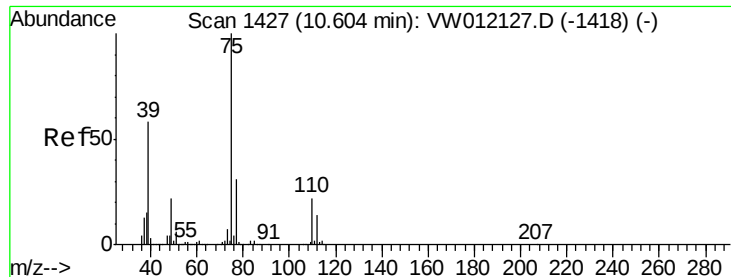
Tgt Ion: 92 Resp: 255641

Ion Ratio Lower Upper

92 100

91 172.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 56.945 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 139945

Ion Ratio Lower Upper

75 100

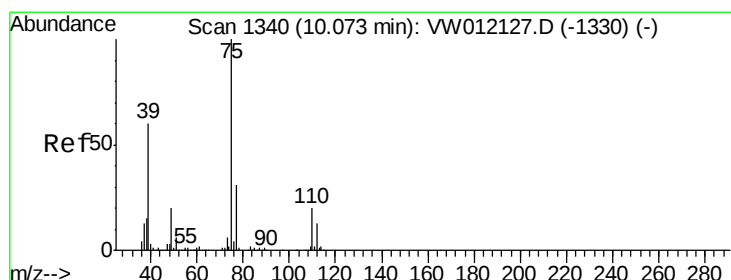
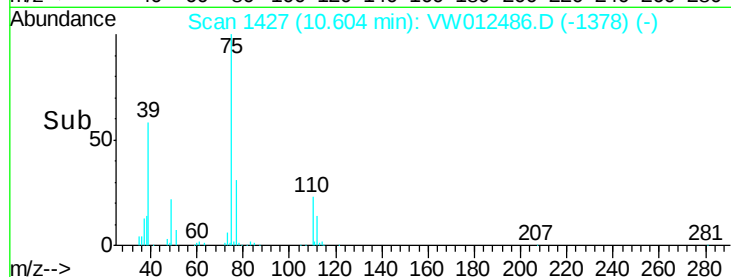
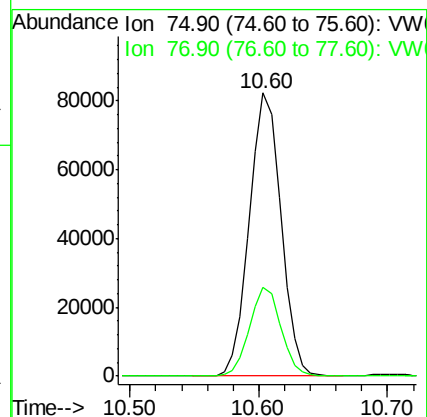
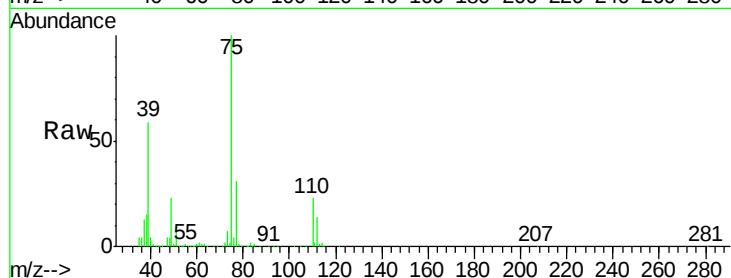
77 31.5 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 54.482 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

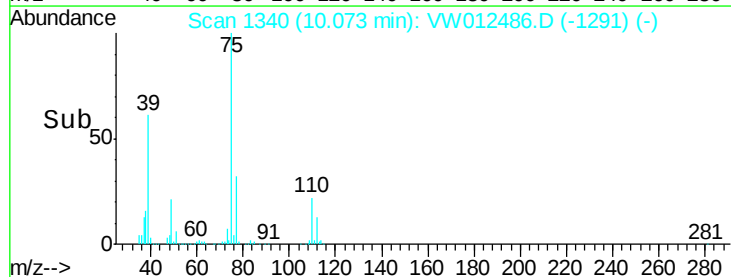
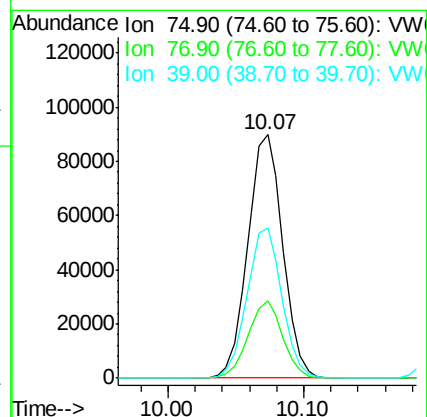
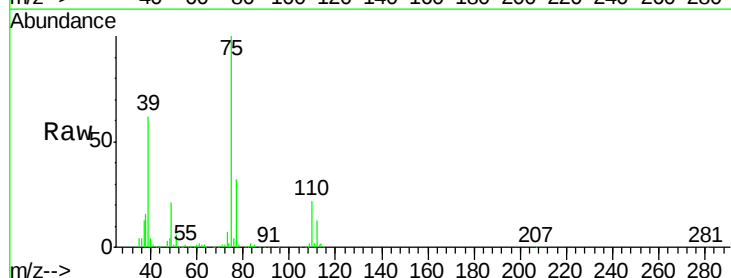
Tgt Ion: 75 Resp: 161665

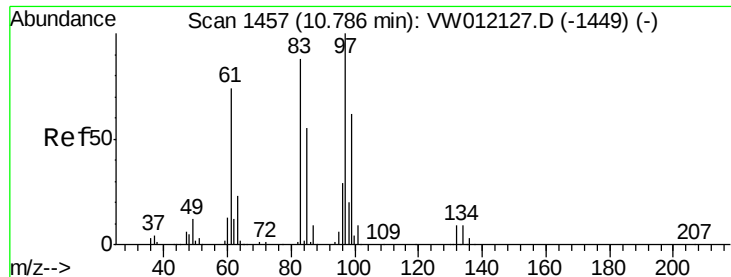
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 61.4 48.3 72.5





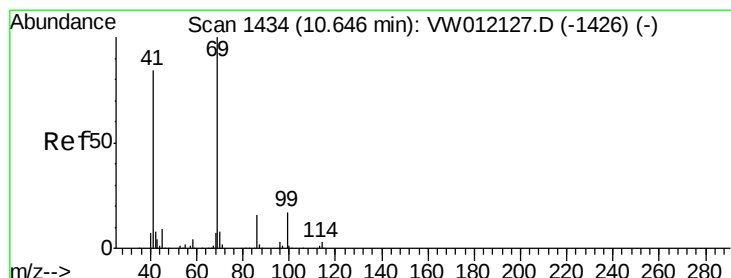
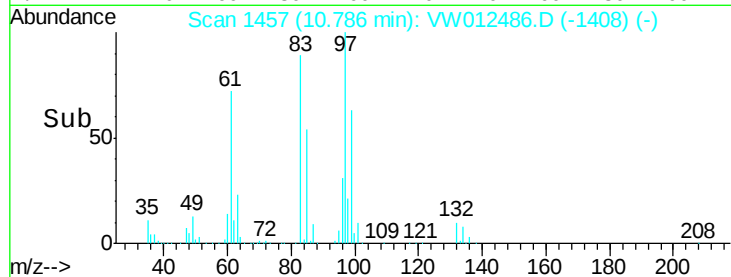
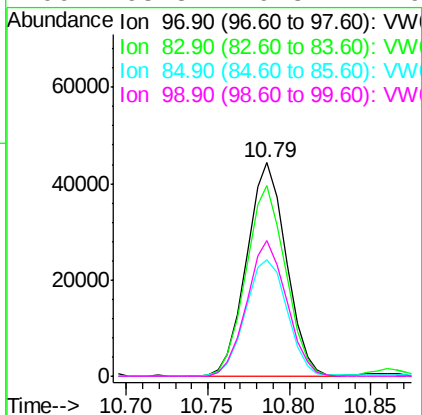
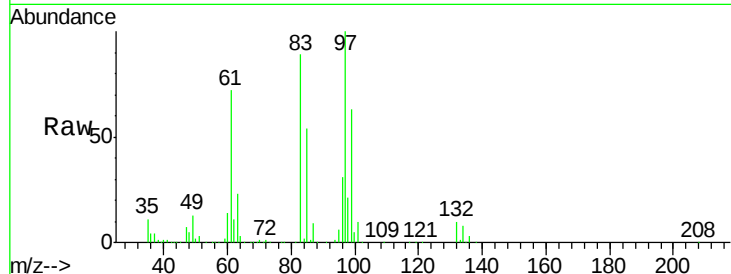
#55
 1,1,2-Trichloroethane
 Concen: 58.268 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	74734
Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.8	106.2
85	54.6	43.8	65.8
99	63.3	49.8	74.6

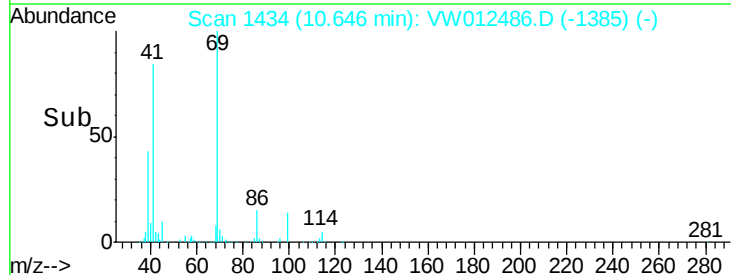
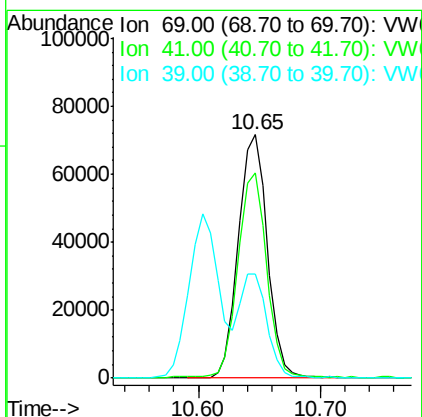
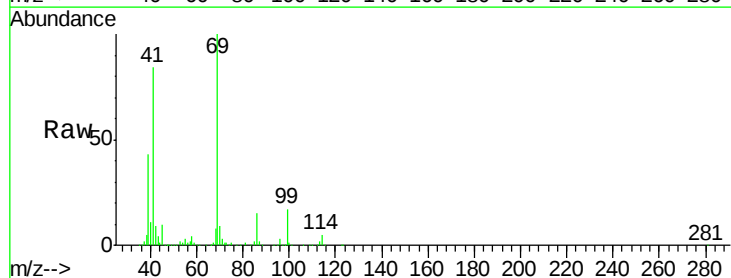
Manual Integrations
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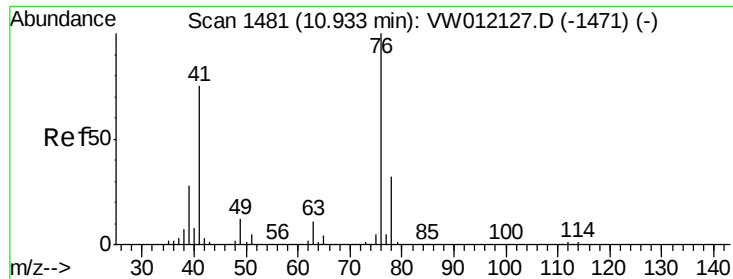
MMDadoda
 9/3/2019 10:45:01 AM



#56
 Ethyl methacrylate
 Concen: 63.128 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion:	69	Resp:	117840
Ion	Ratio	Lower	Upper
69	100		
41	84.2	66.5	99.7
39	39.5	31.0	46.4





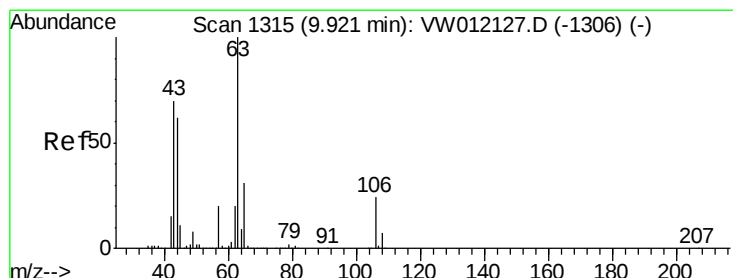
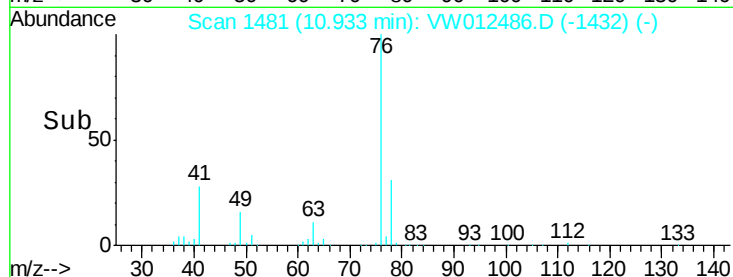
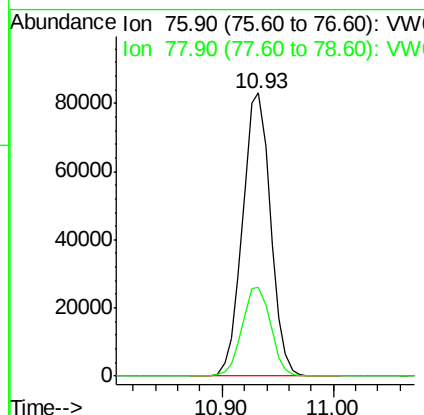
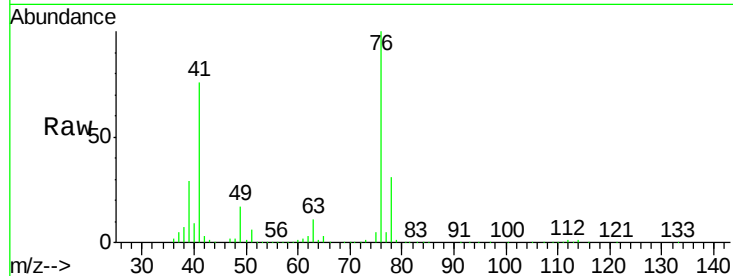
#57
 1,3-Dichloropropane
 Concen: 59.736 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 144784
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

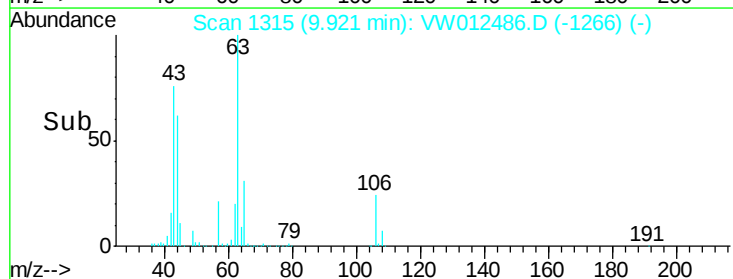
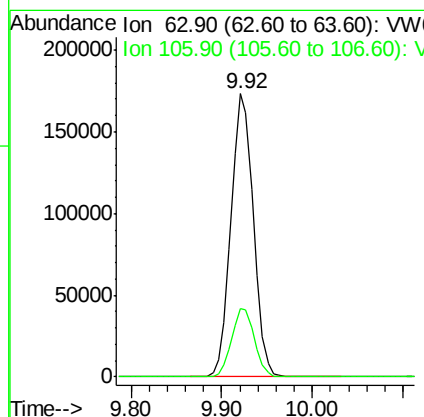
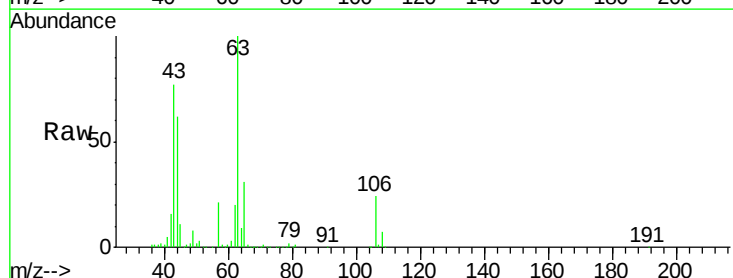
Manual Integrations
 APPROVED

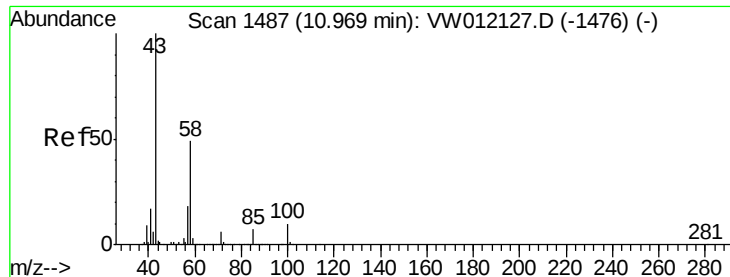
MMDadoda
 9/3/2019 10:45:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 310.402 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion: 63 Resp: 297373
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.8 29.8





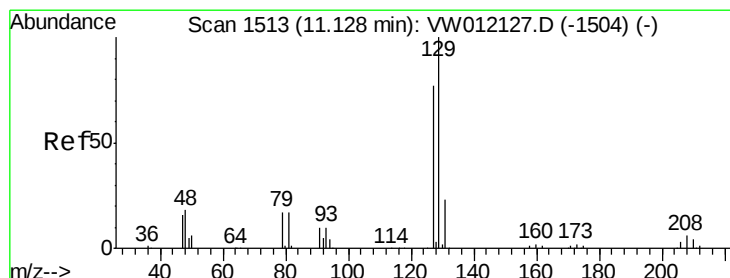
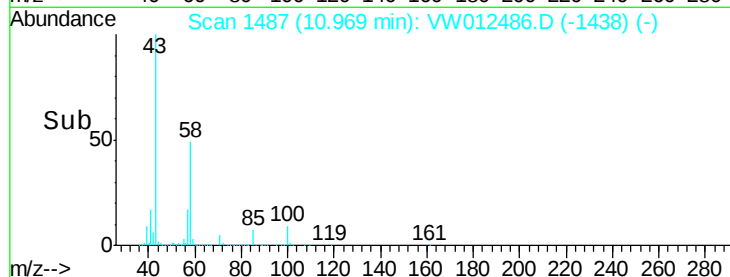
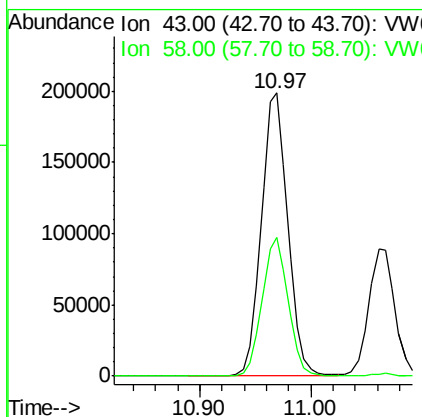
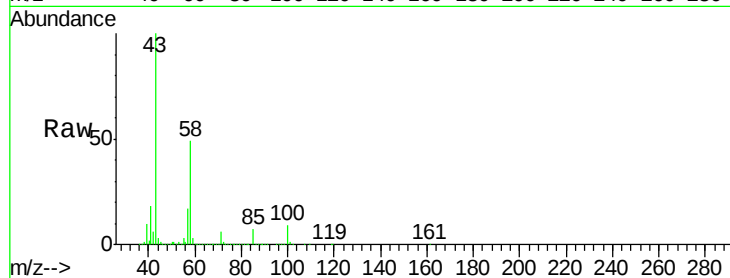
#59
2-Hexanone
Concen: 325.476 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 329636
Ion Ratio Lower Upper
43 100
58 48.2 24.3 72.9

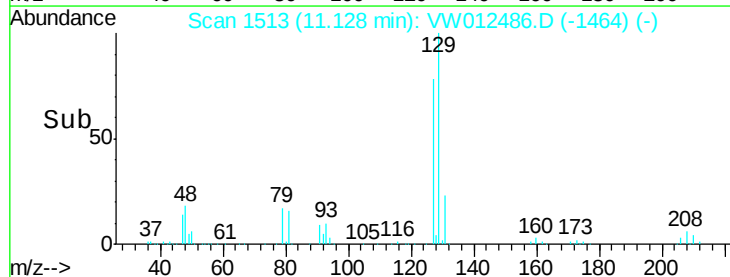
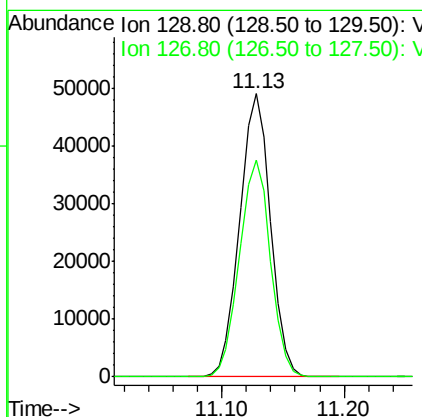
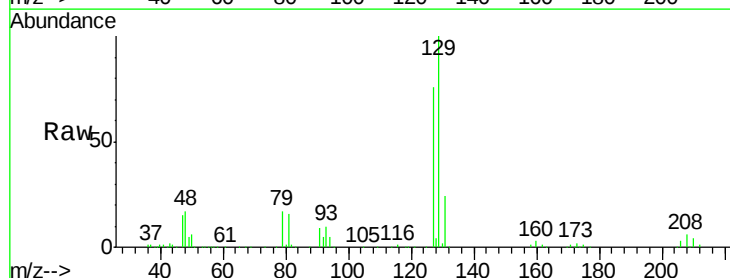
Manual Integrations
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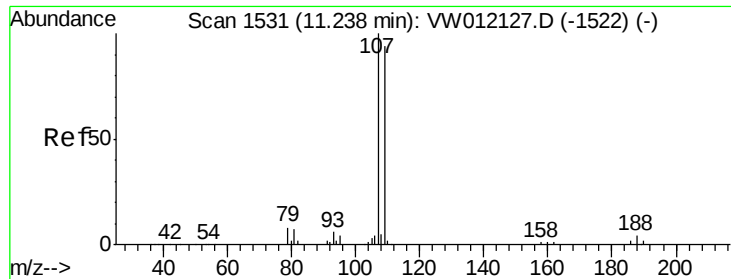
MMDadoda
9/3/2019 10:45:01 AM



#60
Dibromochloromethane
Concen: 59.962 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion: 129 Resp: 85660
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





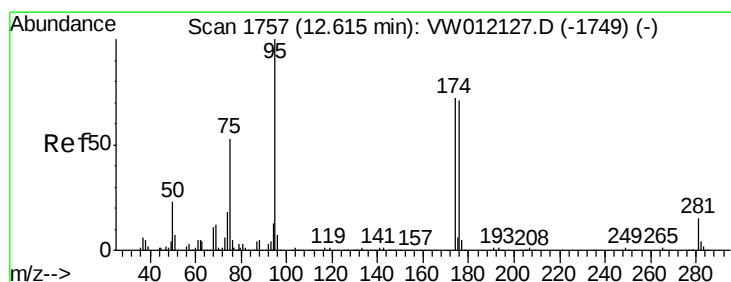
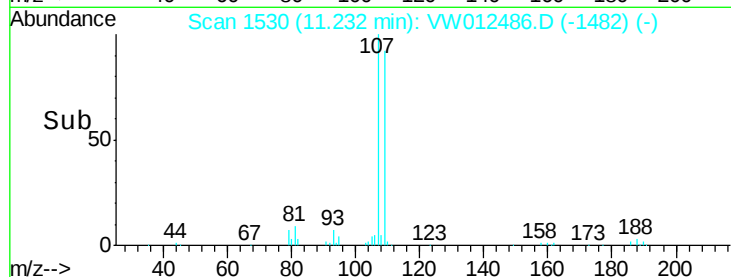
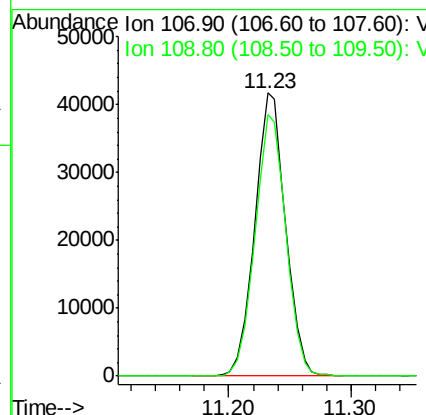
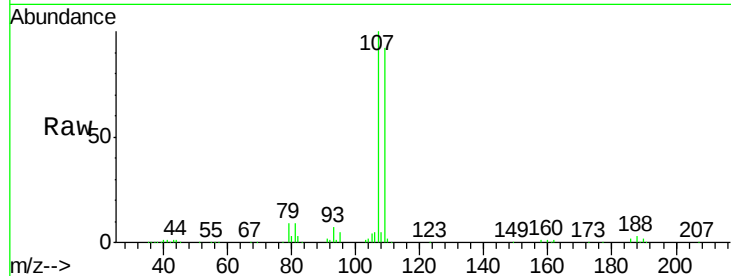
#61
 1,2-Dibromoethane
 Concen: 61.153 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 73071
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.4 113.2

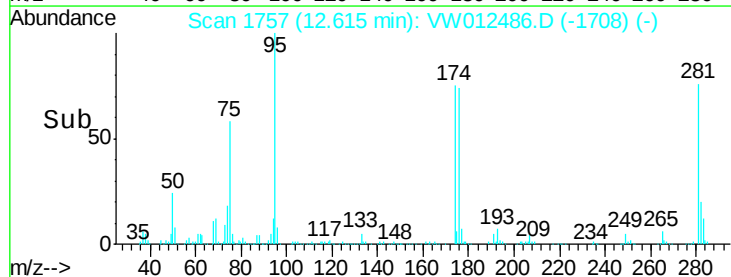
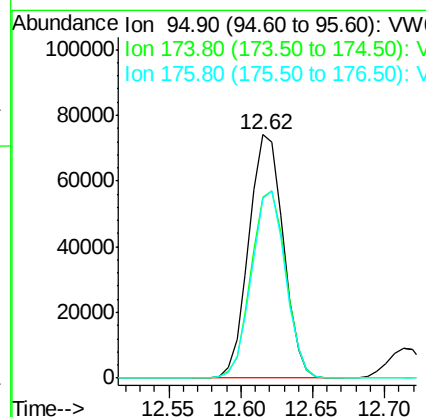
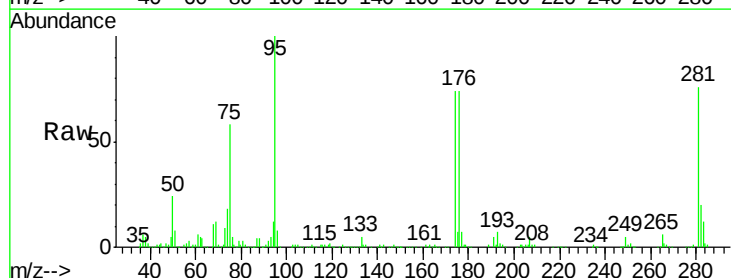
Manual Integrations
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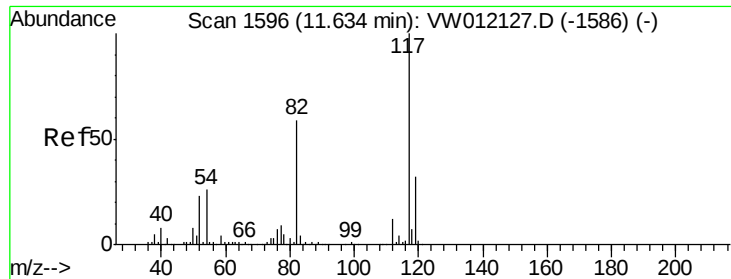
MMDadoda
 9/3/2019 10:45:01 AM



#62
 4-Bromofluorobenzene
 Concen: 53.388 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion: 95 Resp: 122199
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 150.8
 176 75.8 0.0 148.6





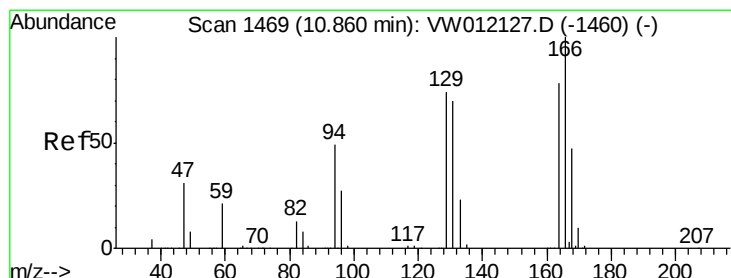
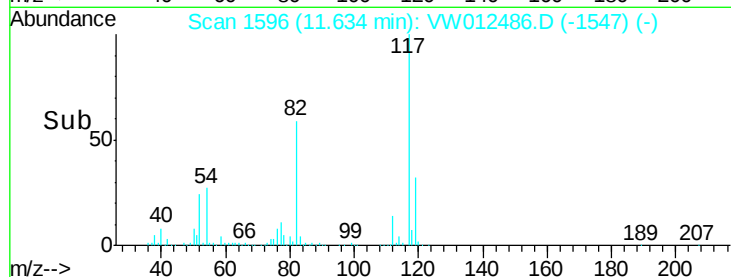
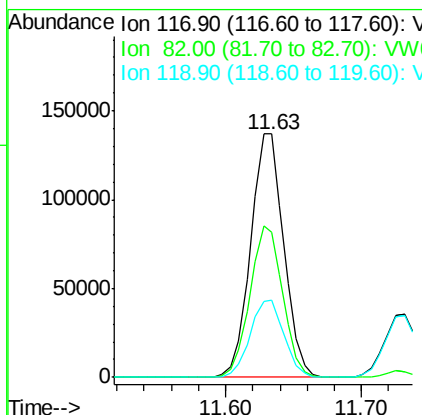
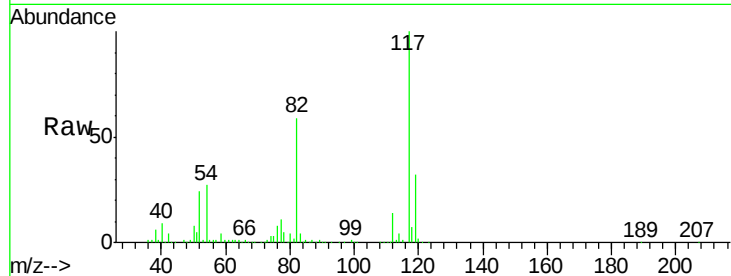
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	234272		
82	59.4		47.4	71.2
119	31.9		25.4	38.2

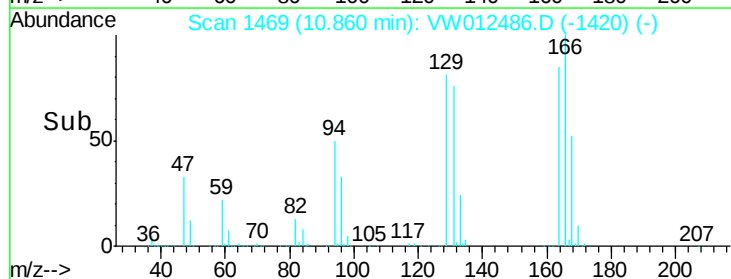
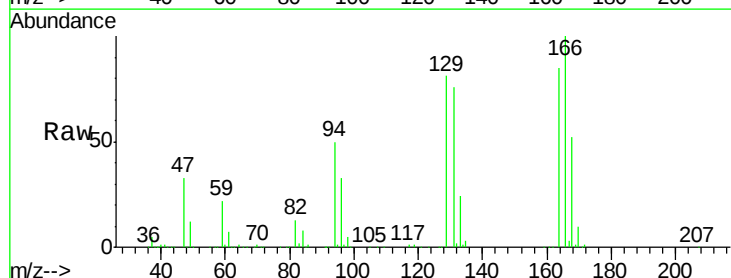
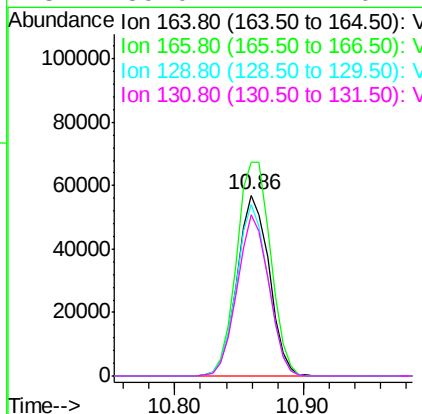
Manual Integrations
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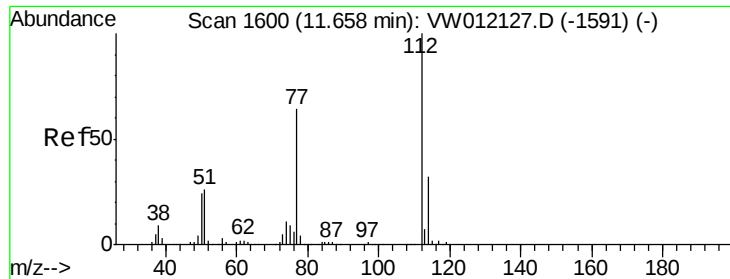
MMDadoda
9/3/2019 10:45:01 AM



#64
Tetrachloroethene
Concen: 64.412 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97833		
166	117.8		102.4	153.6
129	95.0		75.8	113.6
131	89.0		71.4	107.2





#65

Chlorobenzene

Concen: 55.147 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 254396

Ion Ratio Lower Upper

112 100

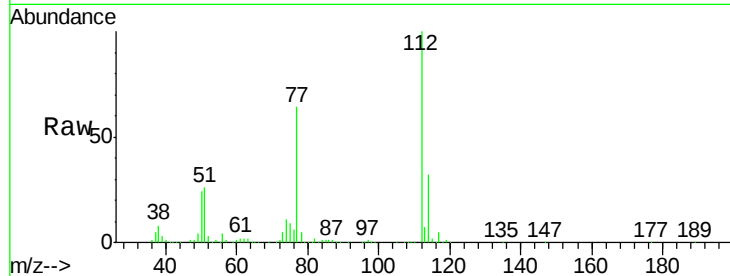
114 31.6 25.8 38.6

Manual Integrations

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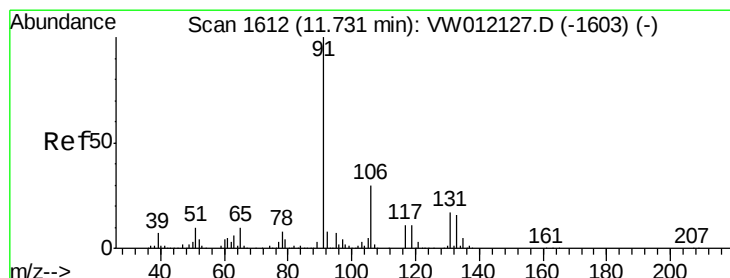
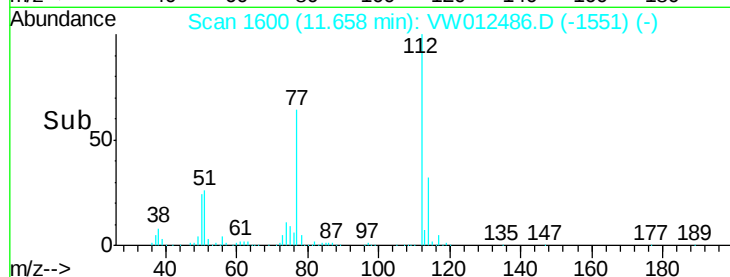
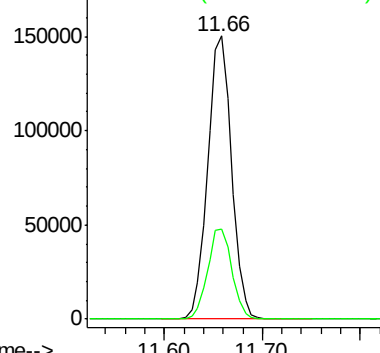
MMDadoda

9/3/2019 10:45:01 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.561 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

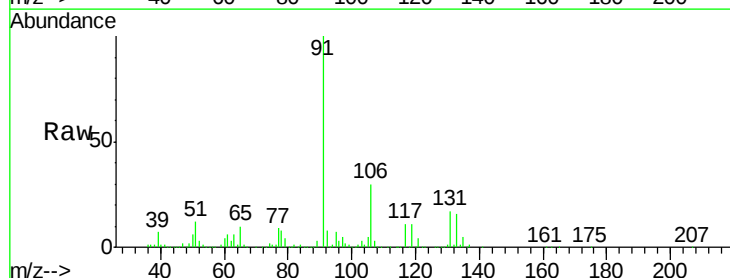
Tgt Ion:131 Resp: 92633

Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.3

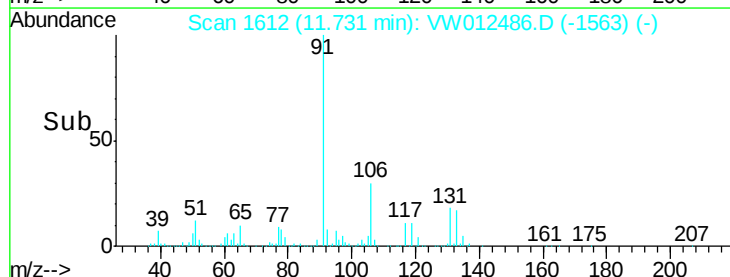
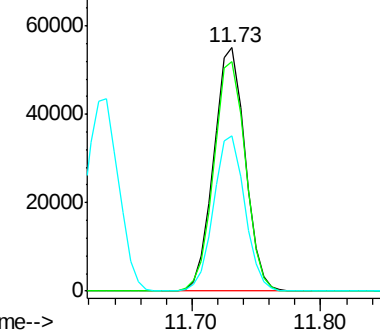
119 63.8 31.8 95.3

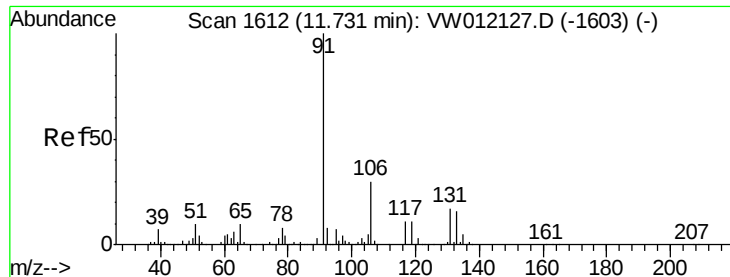


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





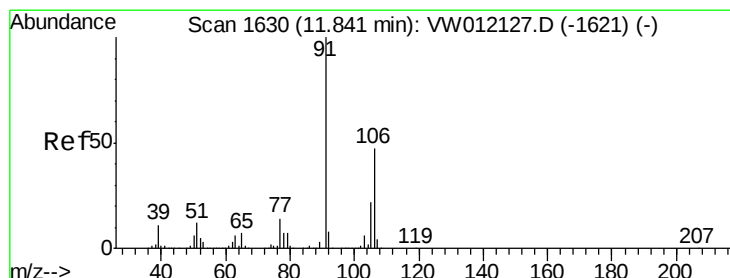
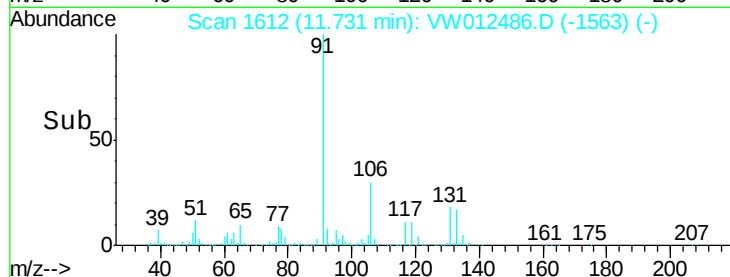
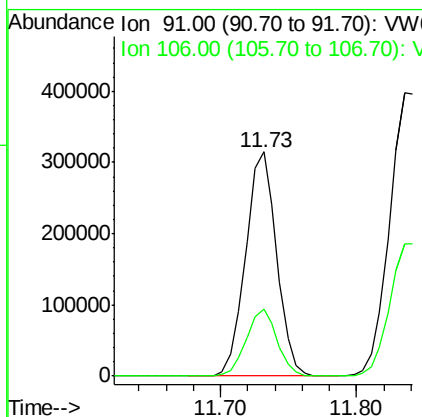
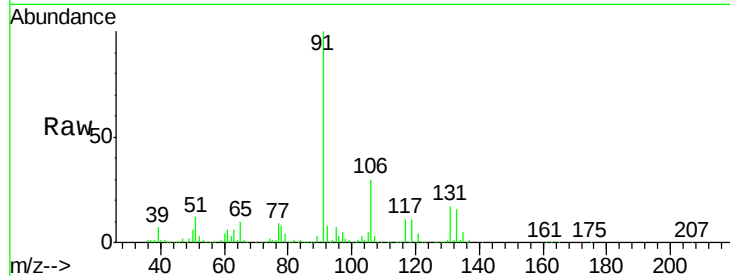
#67
Ethyl Benzene
Concen: 56.548 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 502496
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

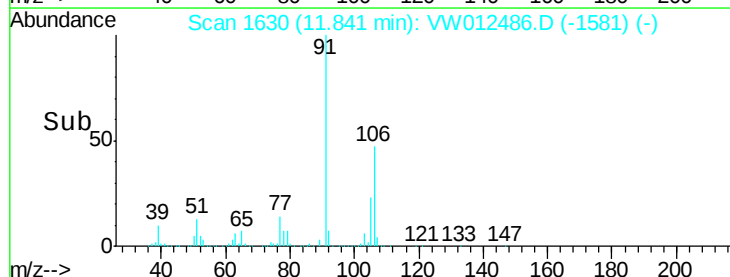
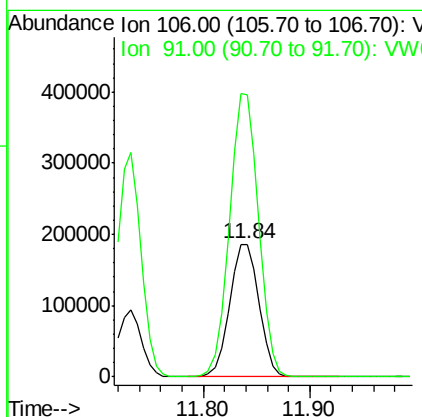
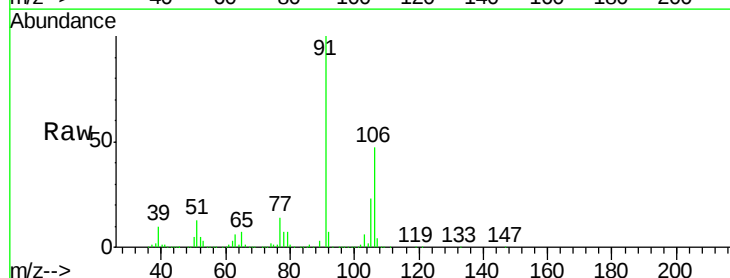
Manual Integrations
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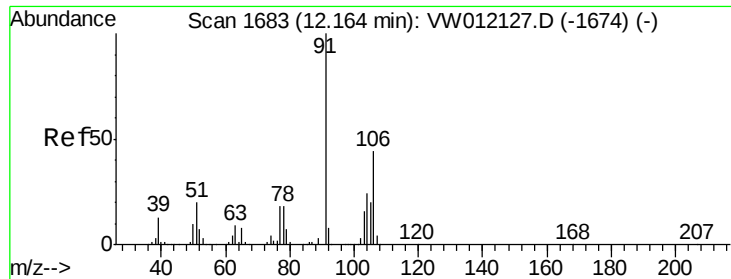
MMDadoda
9/3/2019 10:45:01 AM



#68
m/p-Xylenes
Concen: 111.901 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion: 106 Resp: 358186
Ion Ratio Lower Upper
106 100
91 211.9 169.5 254.3





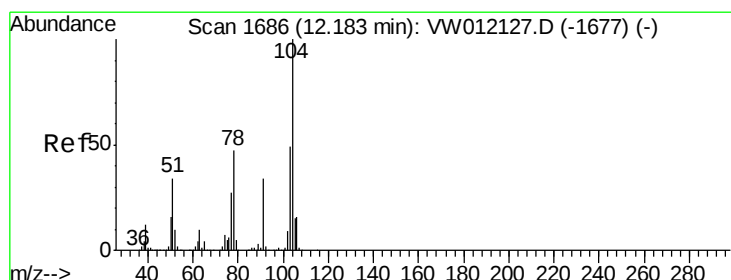
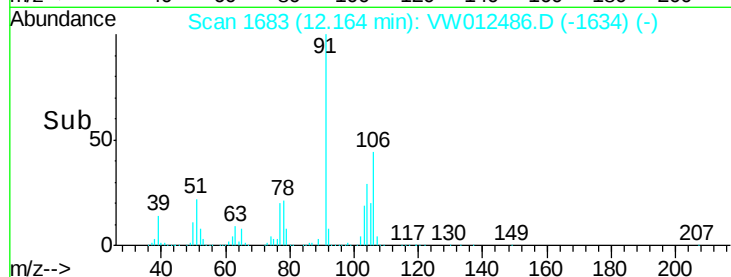
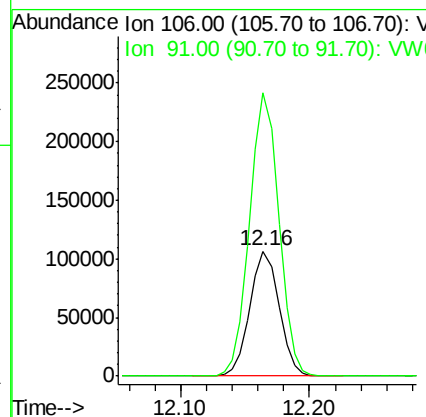
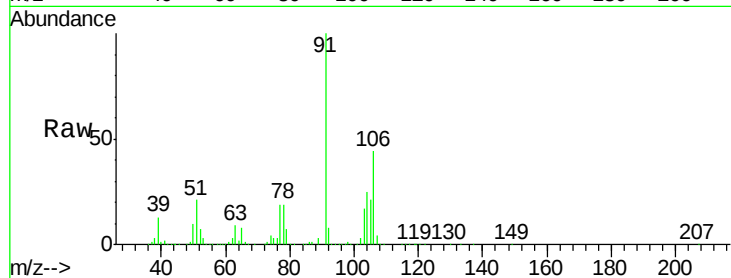
#69
o-Xylene
Concen: 56.308 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.6	334.6

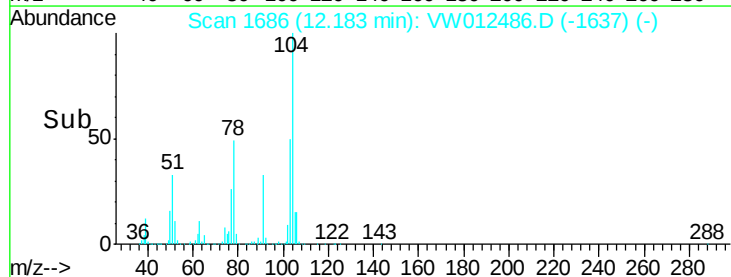
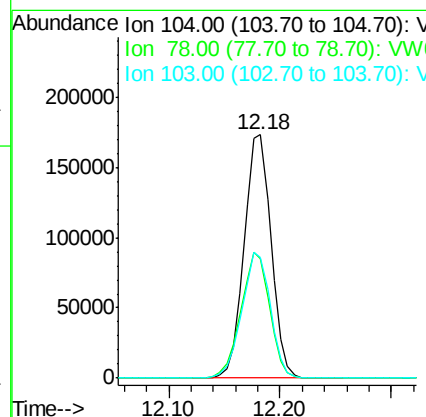
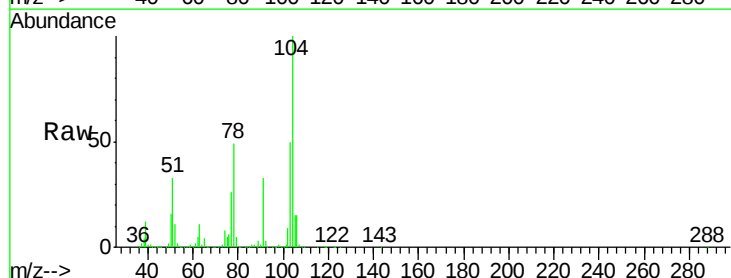
Manual Integrations
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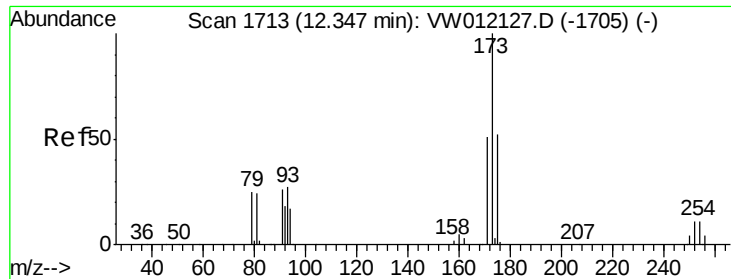
MMDadoda
9/3/2019 10:45:01 AM



#70
Styrene
Concen: 56.778 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.1	43.1	64.7
103	54.8	43.5	65.3





#71

Bromoform

Concen: 63.657 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 51040

Ion Ratio Lower Upper

173 100

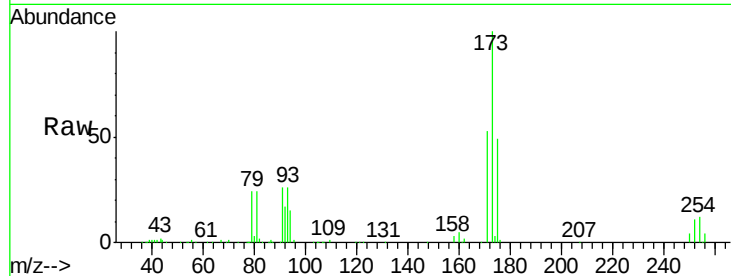
175 48.5 24.6 74.0

254 0.3 0.2 0.2#

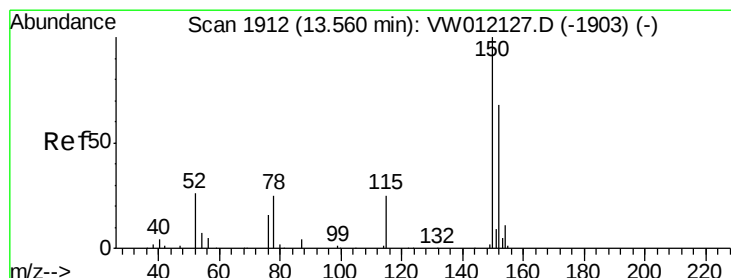
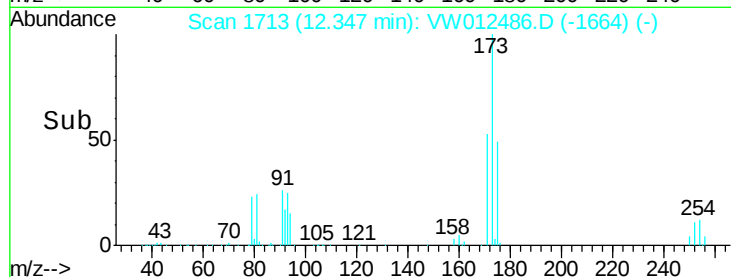
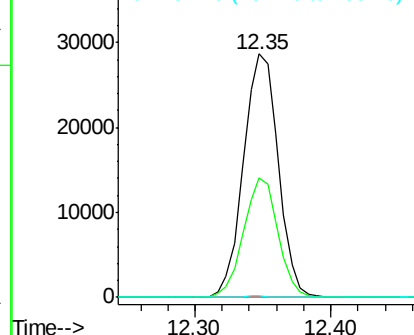
Manual Integrations
APPROVED

MMDadoda

9/3/2019 10:45:01 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

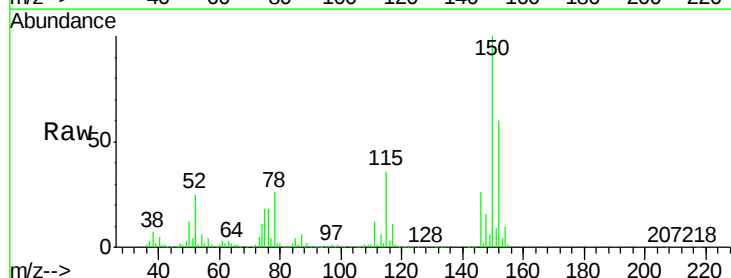
Tgt Ion:152 Resp: 112338

Ion Ratio Lower Upper

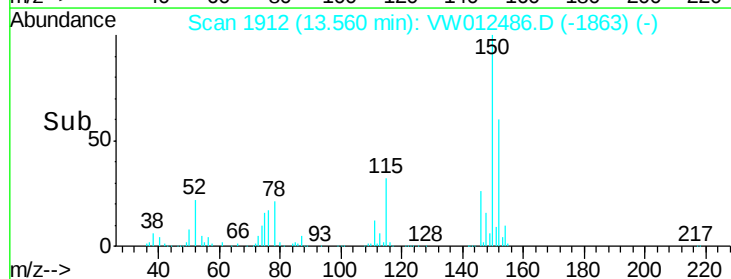
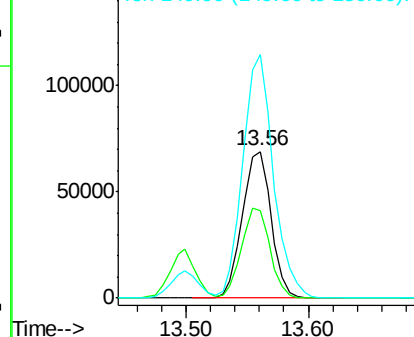
152 100

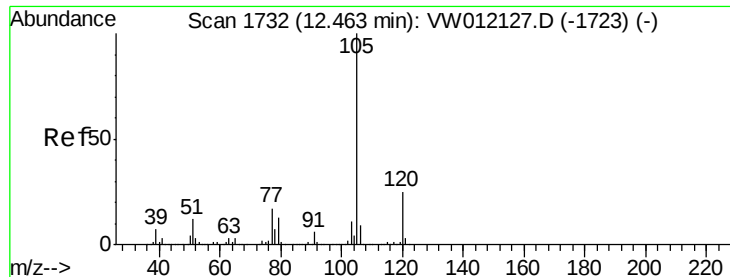
115 60.6 30.1 90.3

150 176.7 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





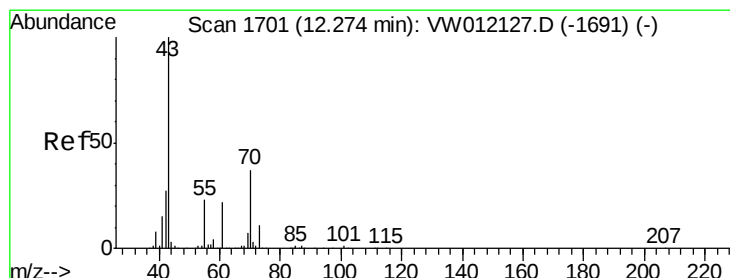
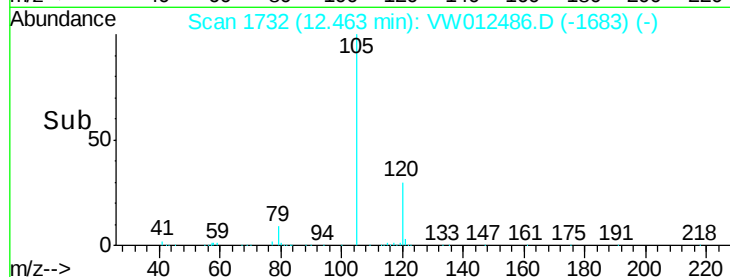
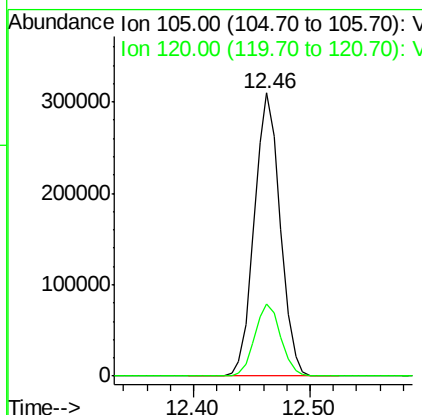
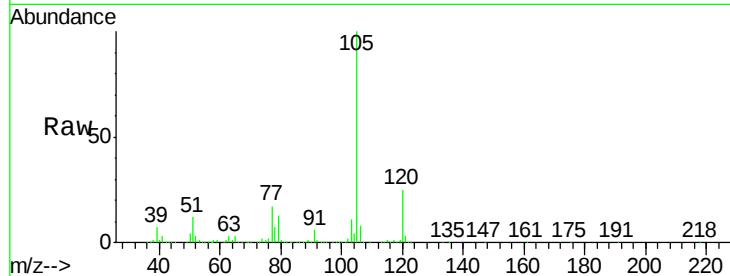
#73
Isopropylbenzene
Concen: 56.961 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.5	37.5

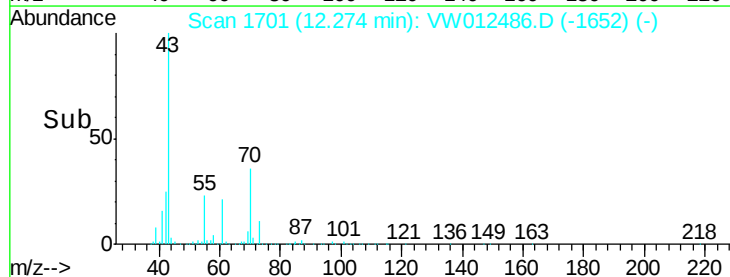
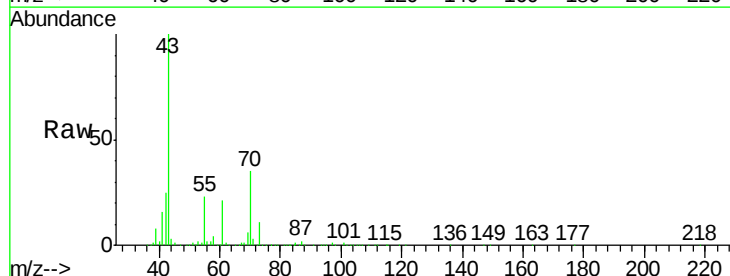
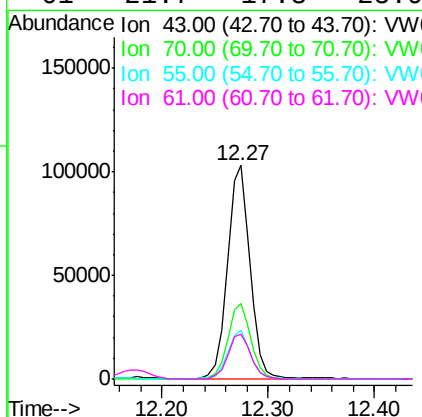
Manual Integrations
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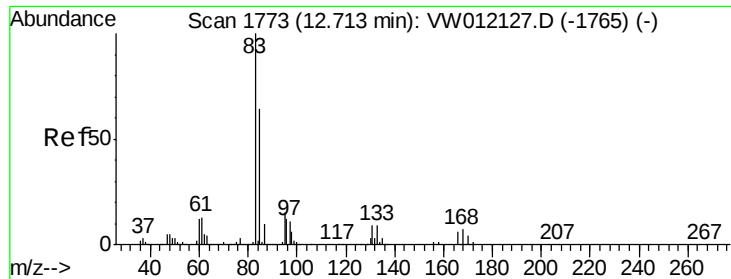
MMDadoda
9/3/2019 10:45:01 AM



#74
N-ethyl acetate
Concen: 59.850 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.9	28.6	43.0
55	22.7	17.8	26.6
61	21.7	17.3	25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 60.640 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

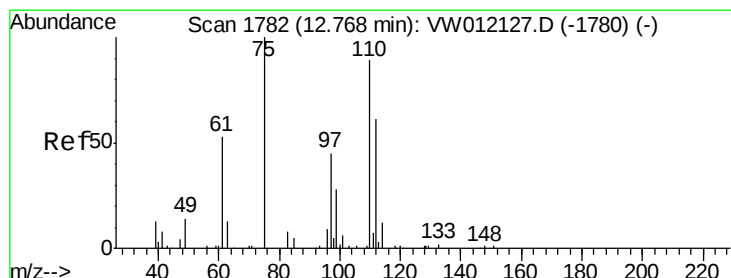
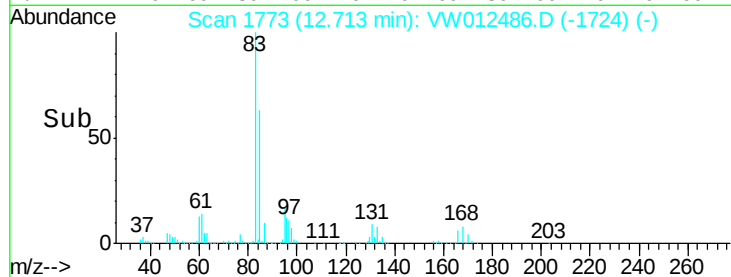
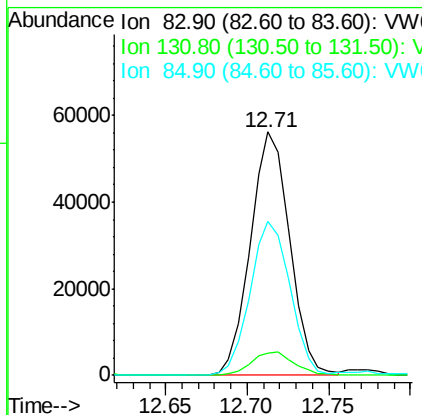
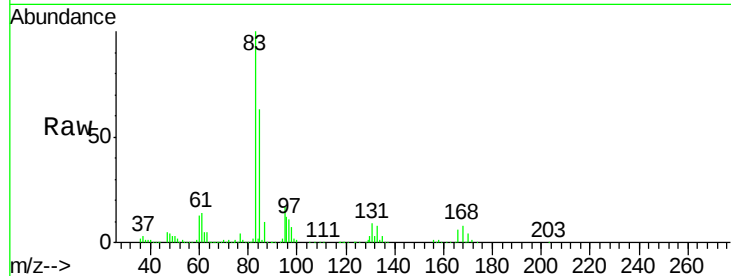
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	93580
Ion Ratio	Lower	Upper	
83	100		
131	10.8	4.9	14.7
85	64.9	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 60.448 ug/l m

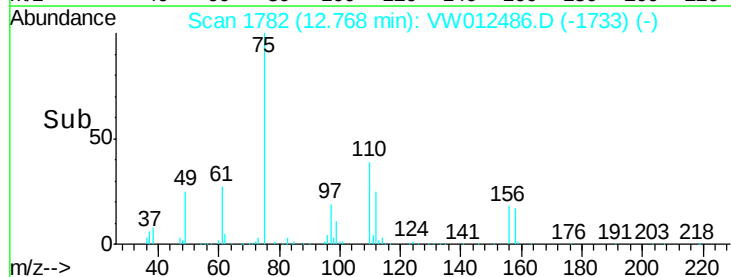
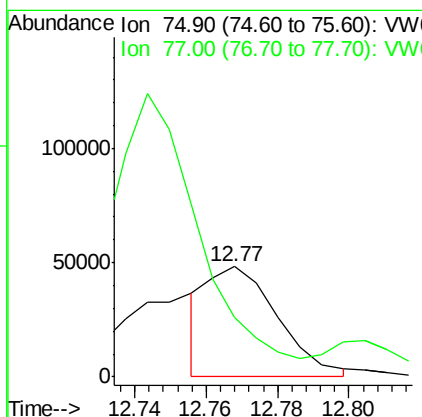
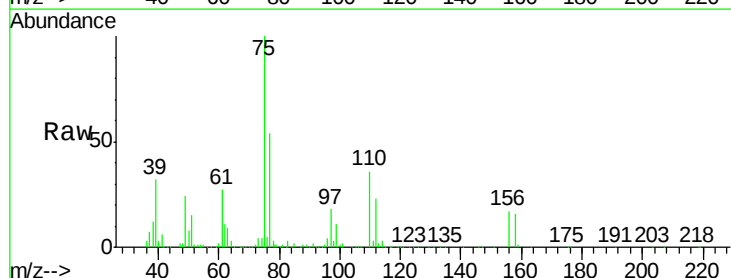
RT: 12.77 min Scan# 1782

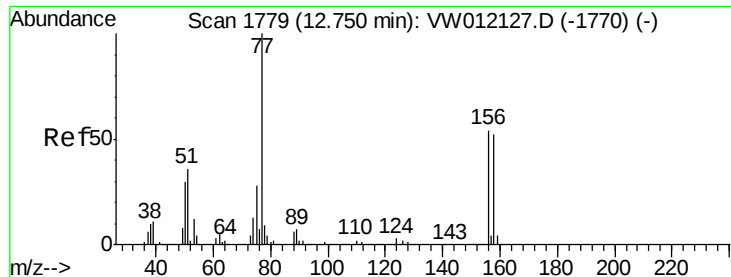
Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tgt Ion:	75	Resp:	66136
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 57.382 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

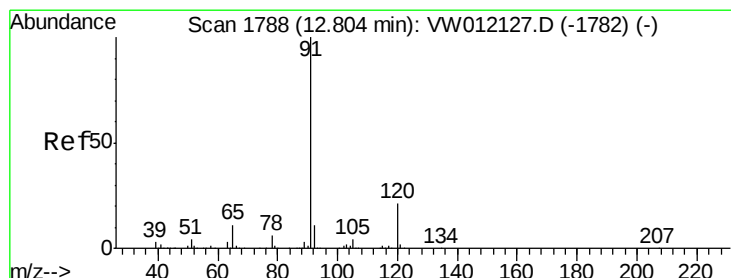
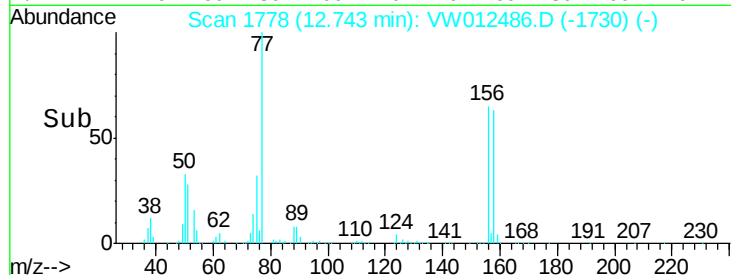
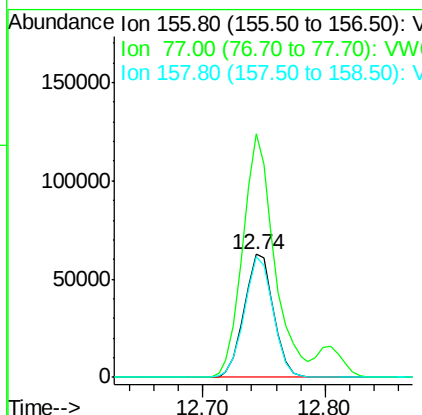
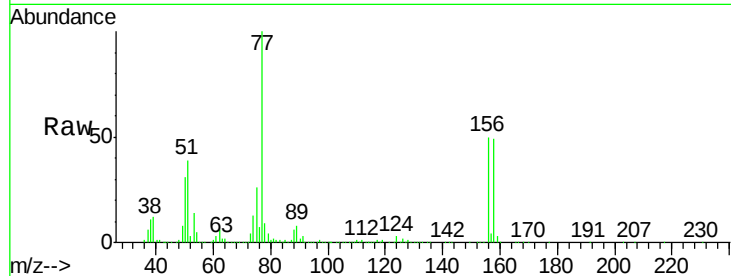
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	211.8	107.3	321.8
158	95.9	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 55.647 ug/l

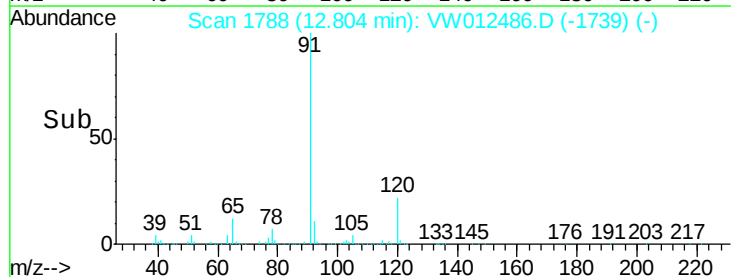
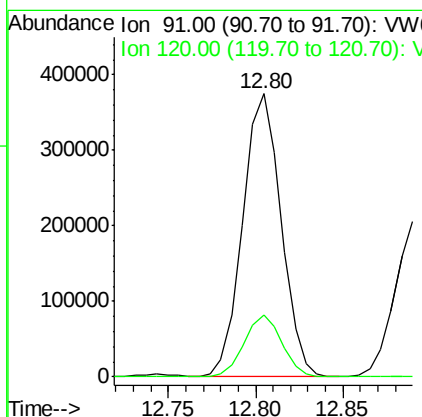
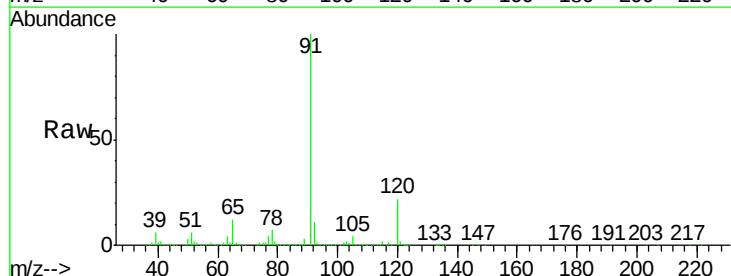
RT: 12.80 min Scan# 1788

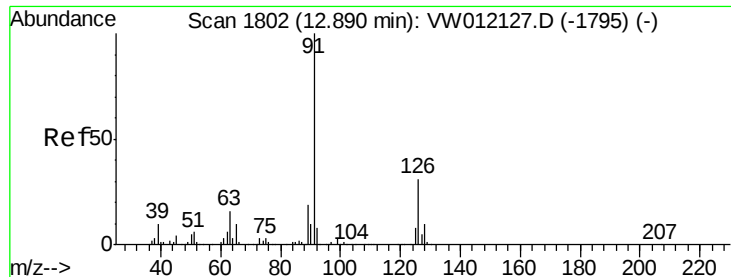
Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.5	31.6





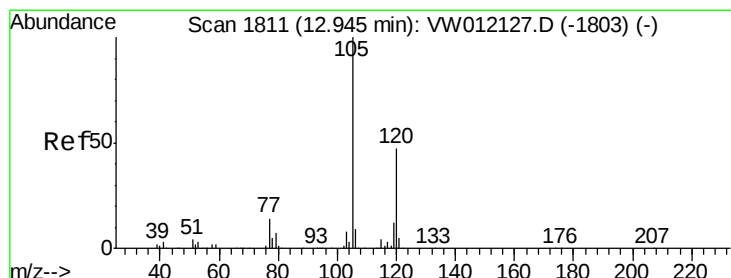
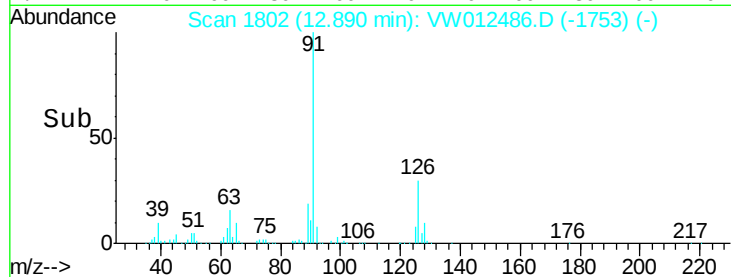
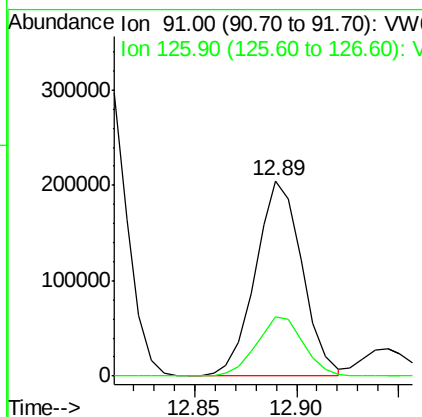
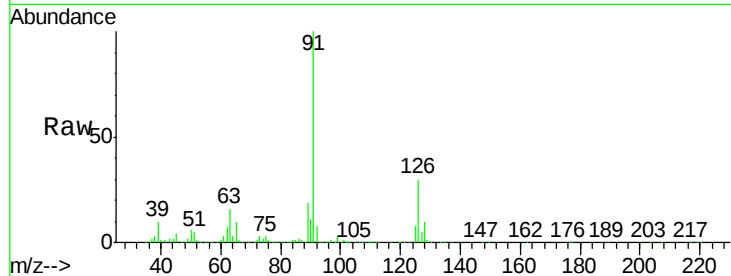
#79
2-Chlorotoluene
Concen: 55.702 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 324984
Ion Ratio Lower Upper
91 100
126 30.9 15.7 47.0

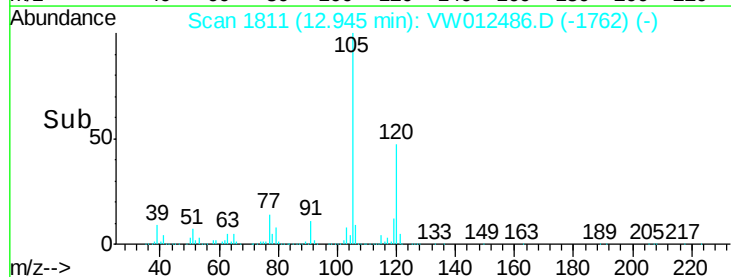
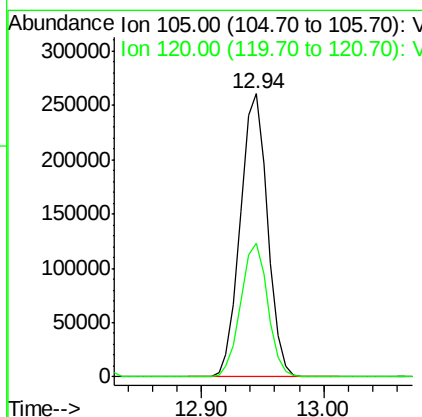
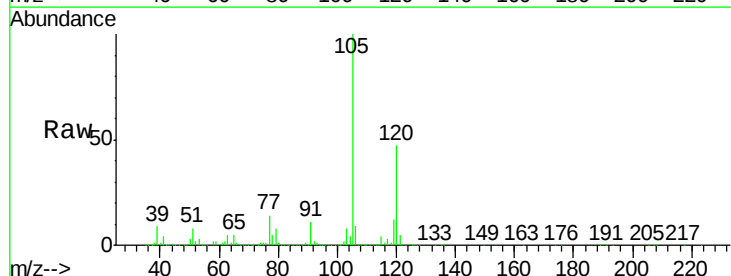
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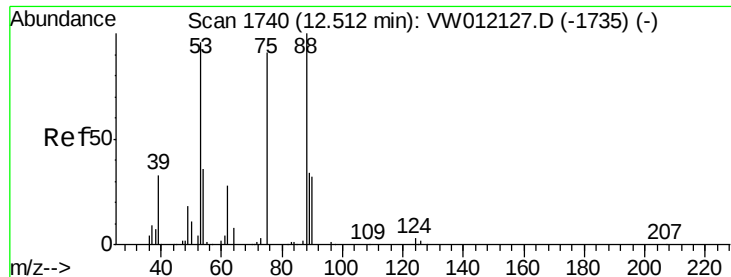
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 56.919 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion:105 Resp: 400356
Ion Ratio Lower Upper
105 100
120 47.1 24.0 72.0





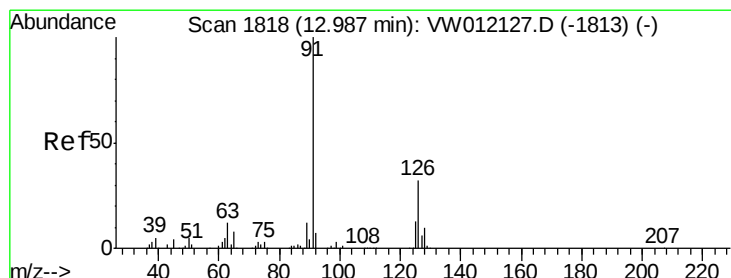
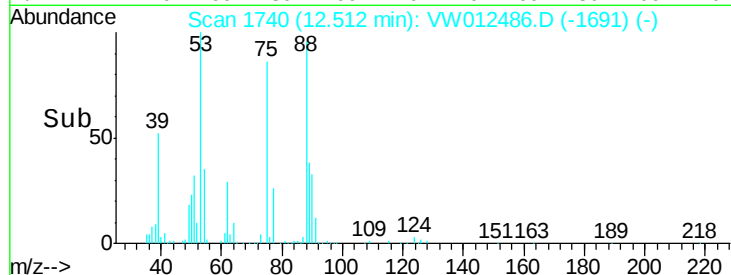
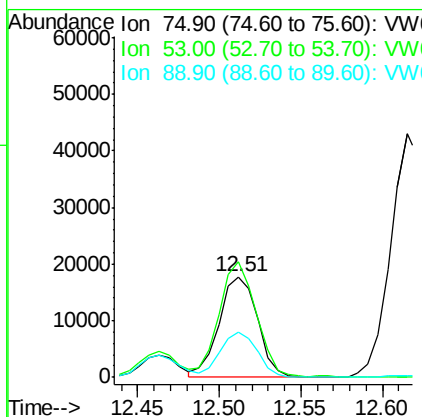
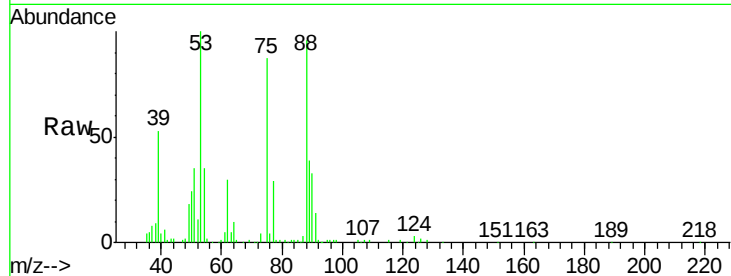
#81
trans-1,4-Dichloro-2-butene
Concen: 58.021 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.8	89.4	134.0
89	43.7	34.5	51.7

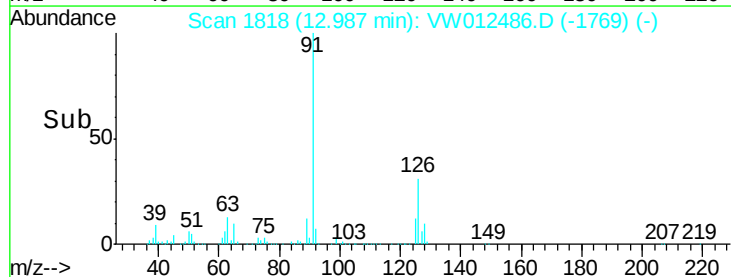
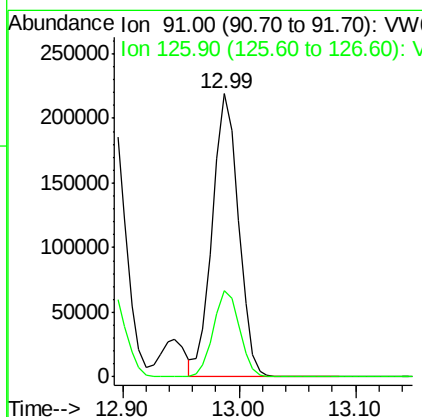
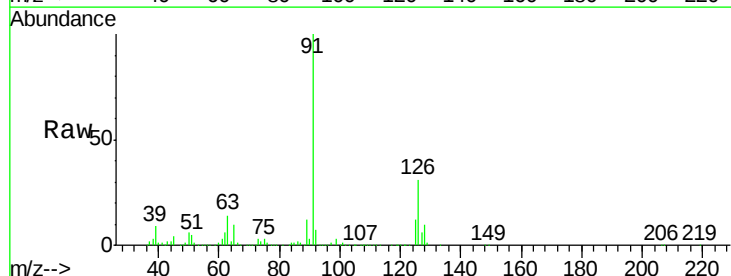
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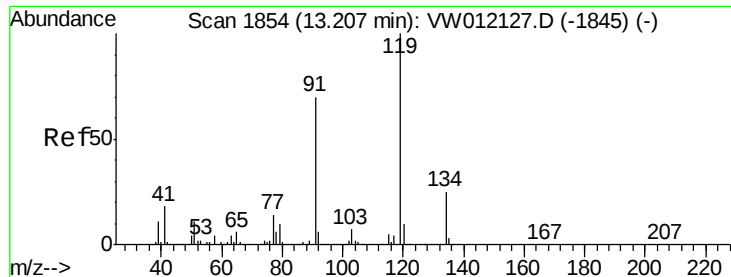
MMDadoda
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#82
4-Chlorotoluene
Concen: 55.328 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





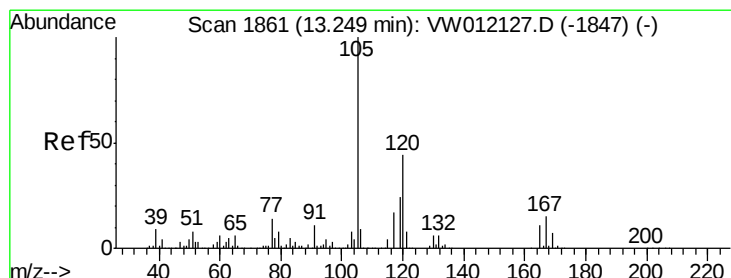
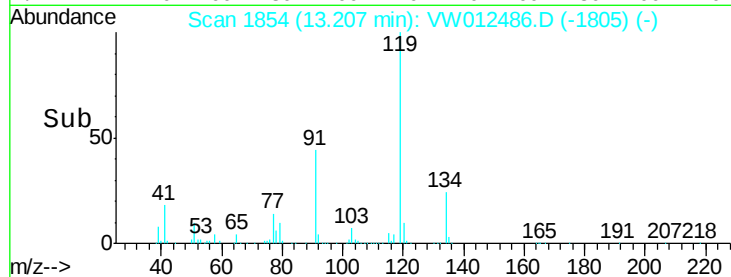
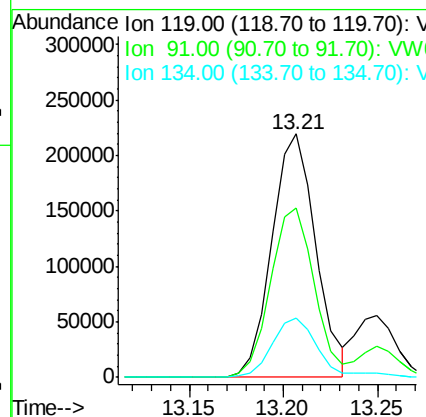
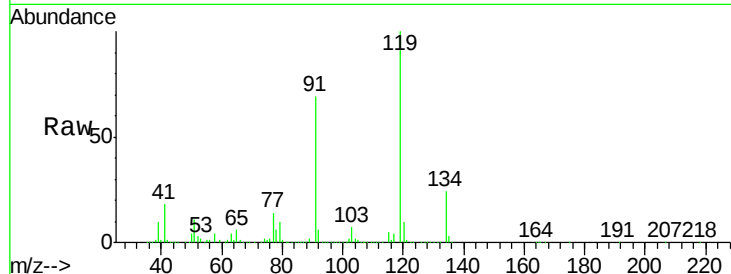
#83
tert-Butylbenzene
Concen: 59.422 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.1	34.8	104.3
134	25.9	13.3	39.8

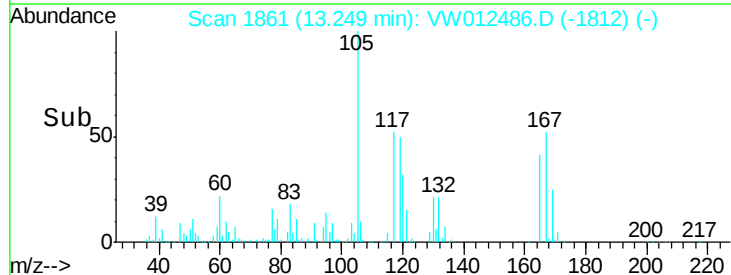
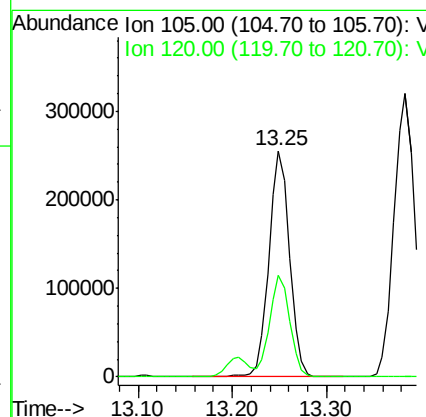
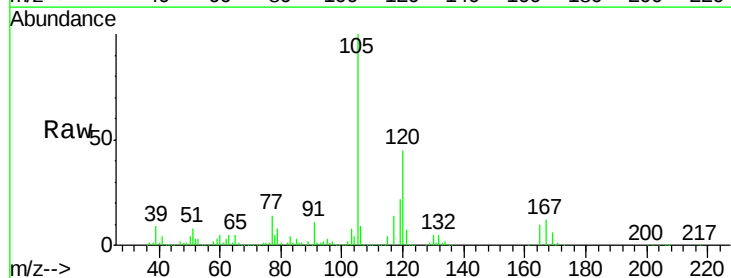
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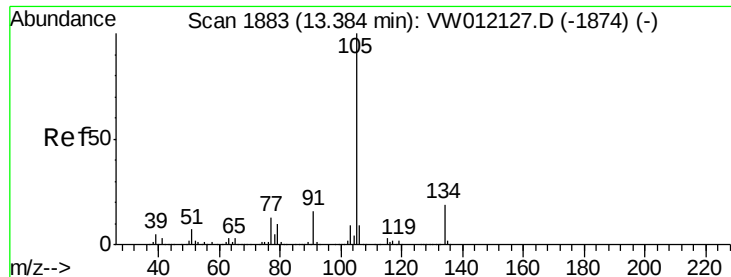
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 55.871 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7





#85

sec-Butylbenzene

Concen: 57.744 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 492909

Ion Ratio Lower Upper

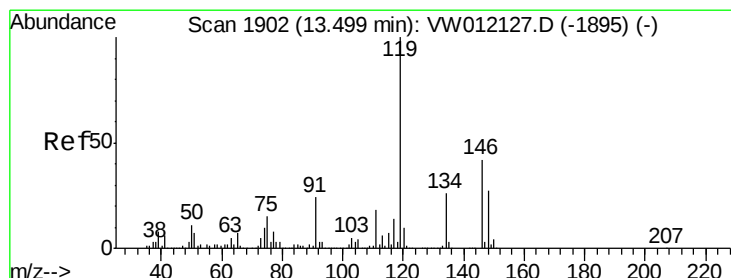
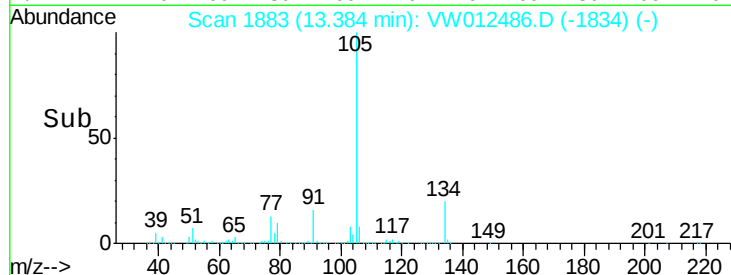
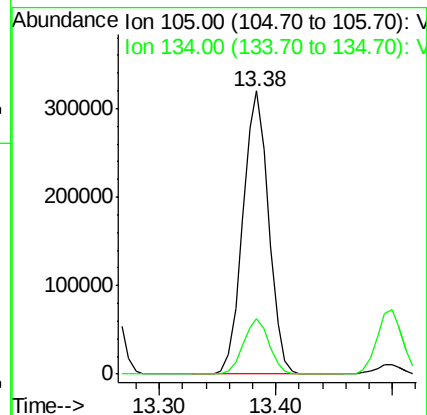
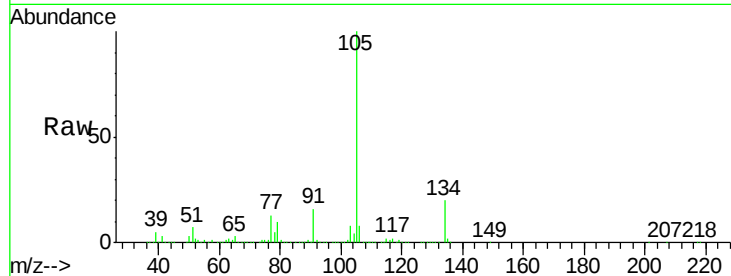
105 100

134 19.6 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 56.969 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012486.D

Acq: 02 Sep 2019 08:50

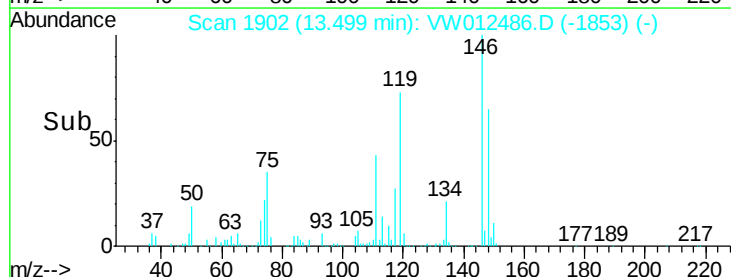
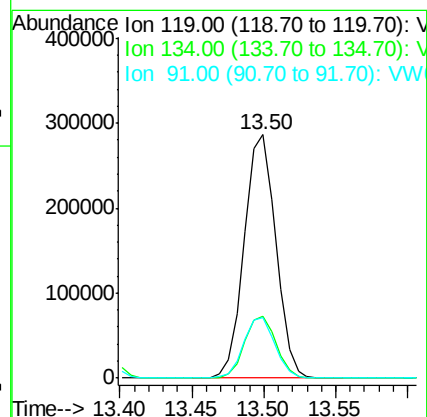
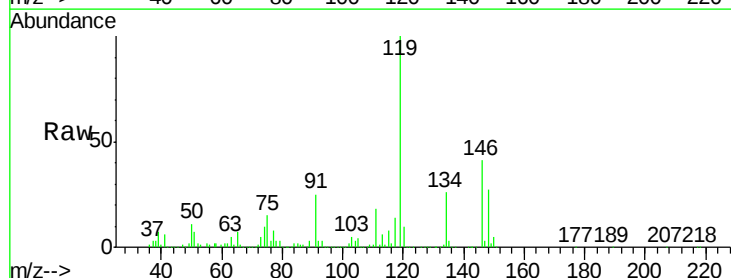
Tgt Ion:119 Resp: 434291

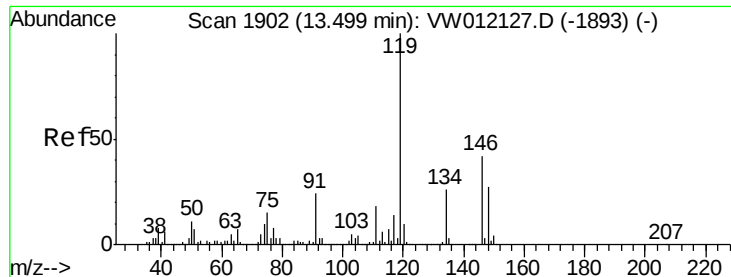
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.3

91 24.6 12.3 36.9





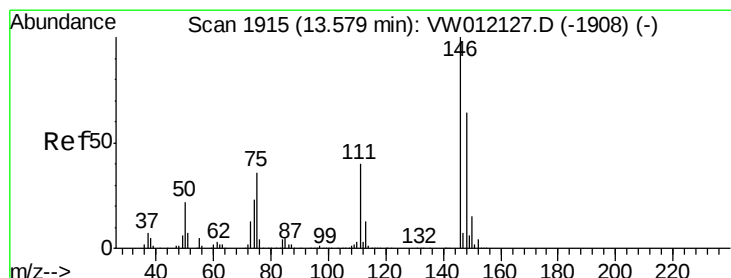
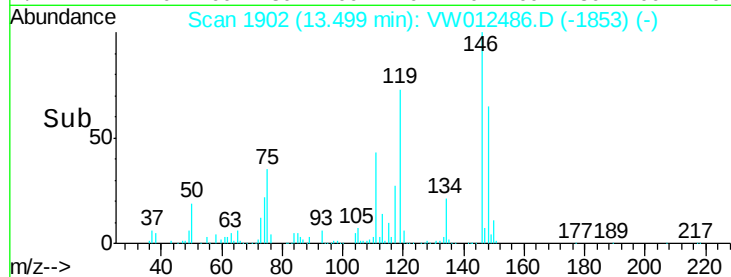
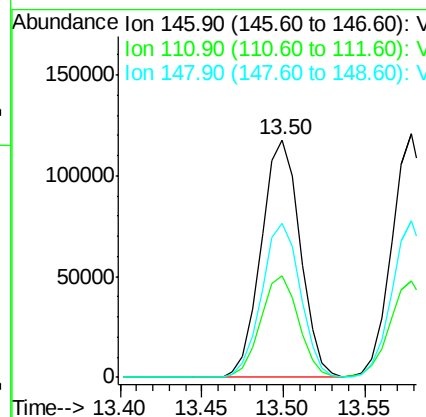
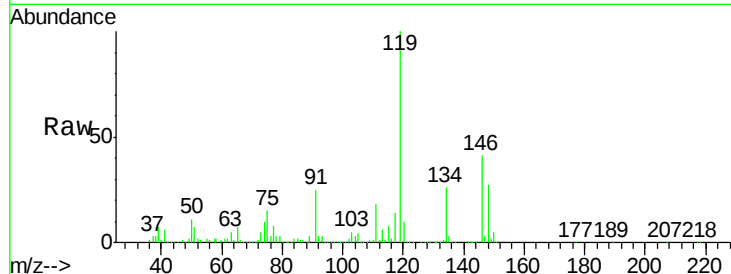
#87
 1,3-Dichlorobenzene
 Concen: 54.720 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	194910		
111	41.8	20.9	62.7	
148	64.4	32.2	96.6	

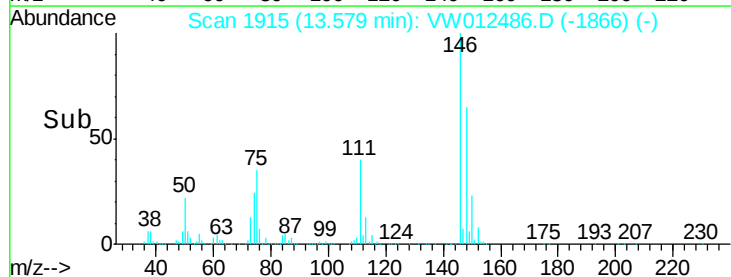
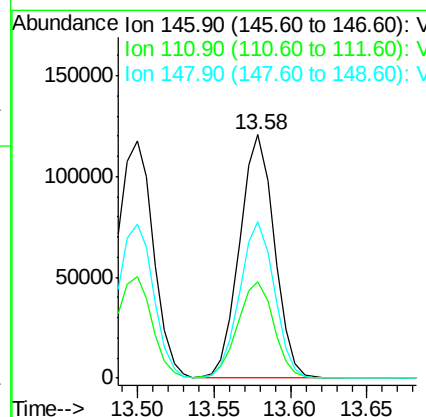
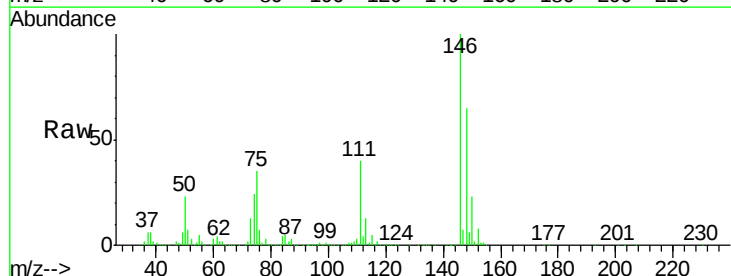
Manual Integrations
 APPROVED

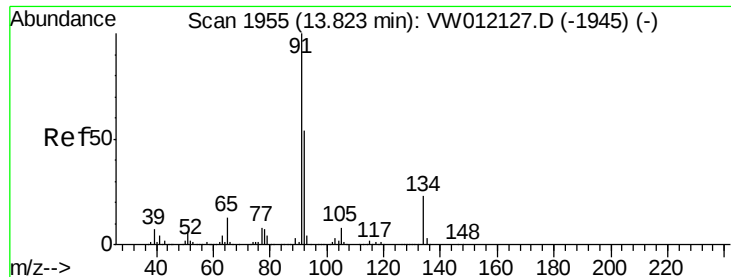
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#88
 1,4-Dichlorobenzene
 Concen: 53.967 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	190869		
111	41.4	20.0	60.0	
148	64.6	32.1	96.3	





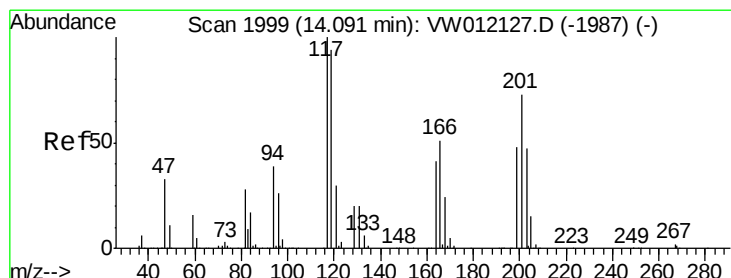
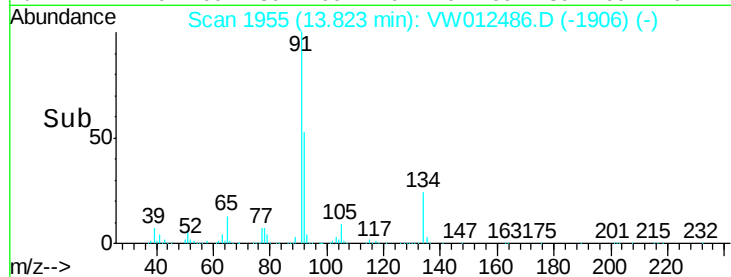
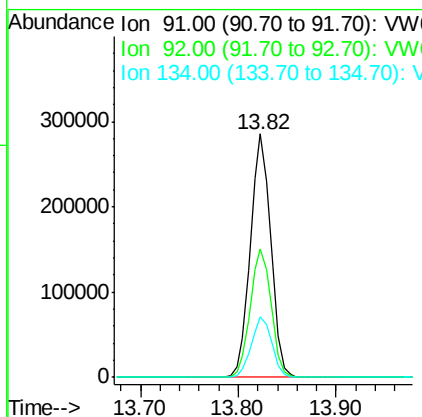
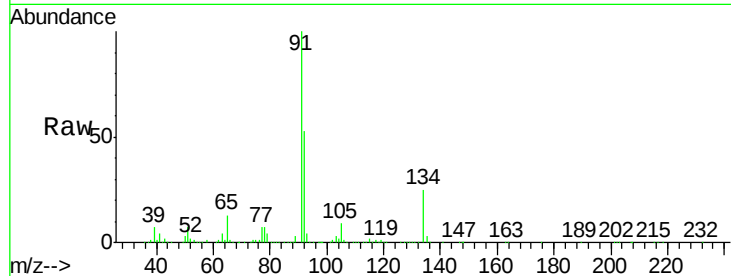
#89
n-Butylbenzene
Concen: 54.386 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	27.1	81.2	
134	25.0	12.2	36.4	

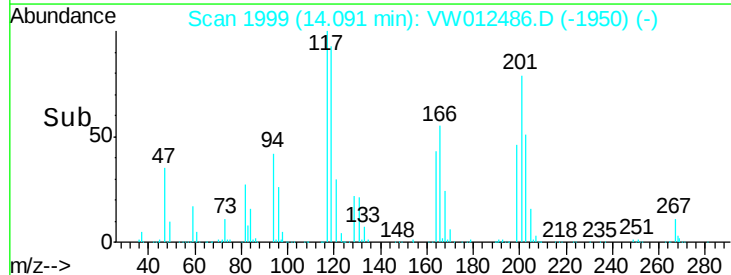
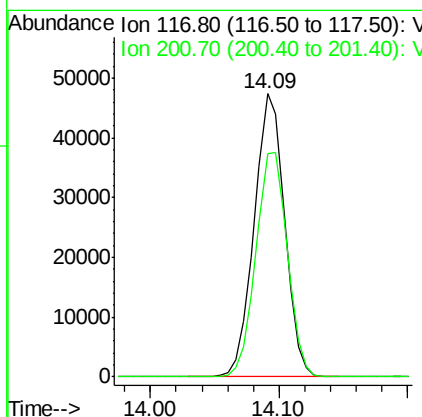
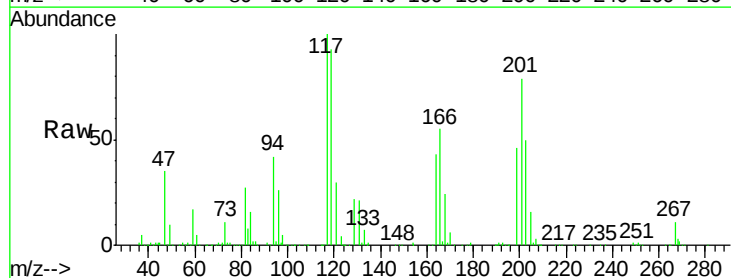
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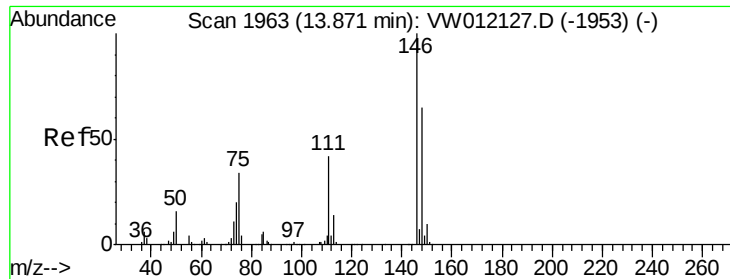
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#90
Hexachloroethane
Concen: 57.729 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	82.1	38.6	115.7	





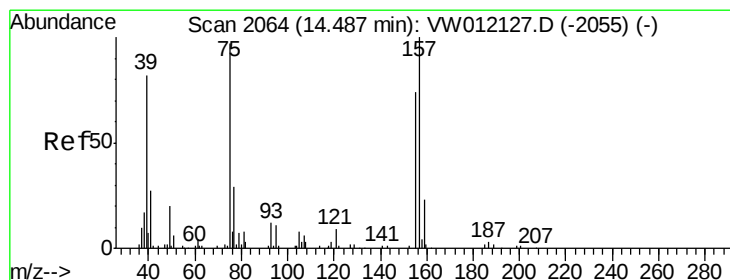
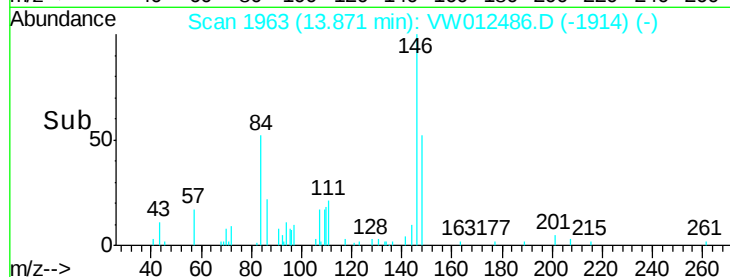
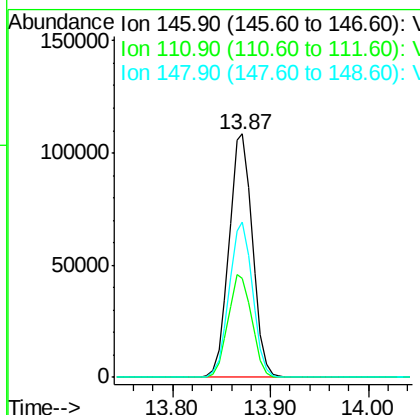
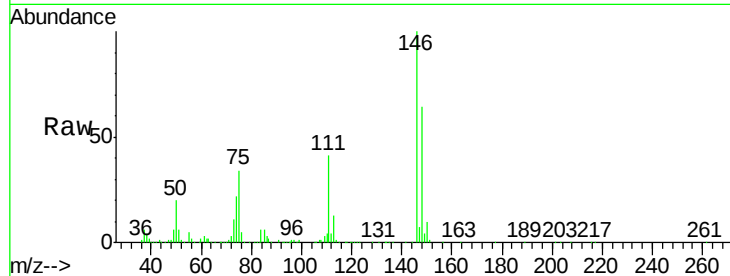
#91
 1,2-Dichlorobenzene
 Concen: 57.579 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	179919
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.2	63.6
148	63.6	32.5	97.4

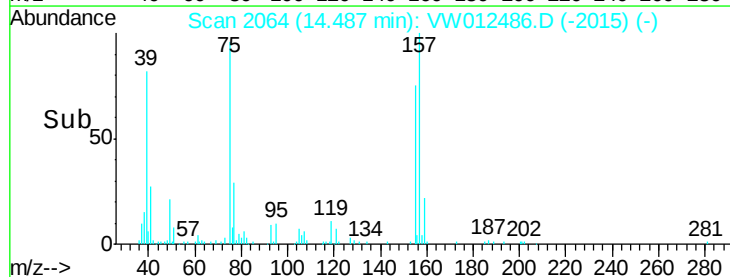
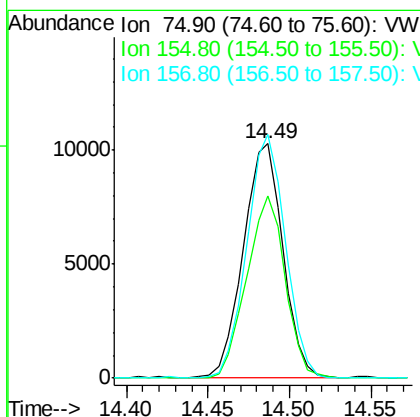
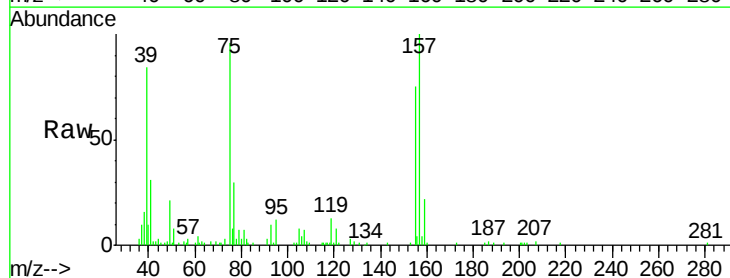
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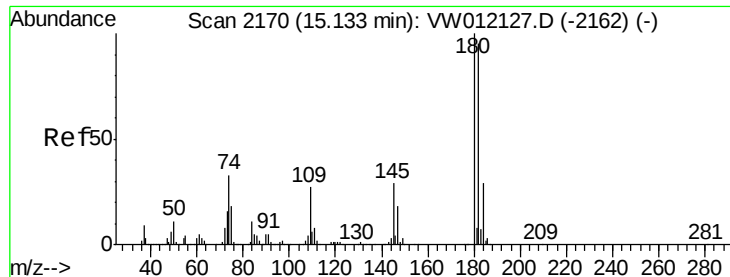
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 67.001 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion:	75	Resp:	17431
Ion Ratio	Lower	Upper	
75	100		
155	75.2	37.5	112.3
157	101.0	50.5	151.5





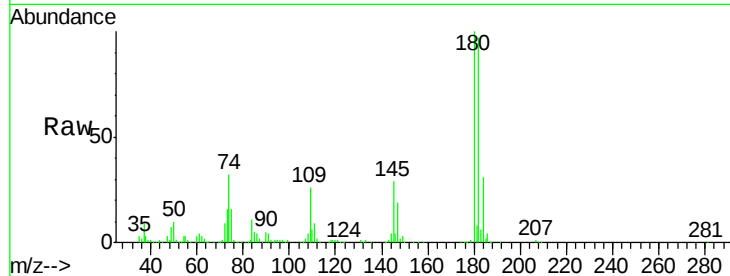
#93
 1,2,4-Trichlorobenzene
 Concen: 54.954 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

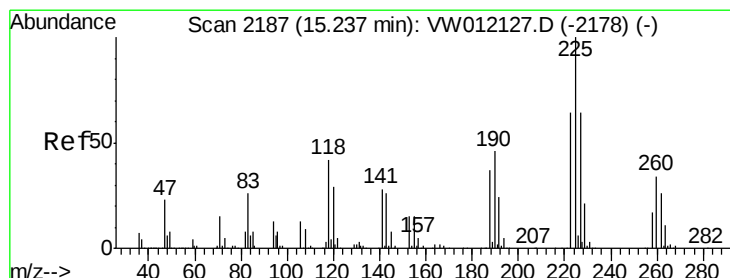
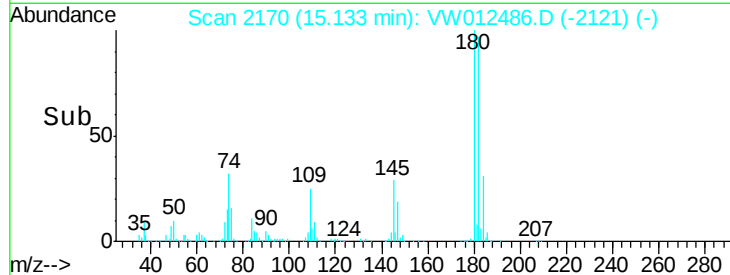
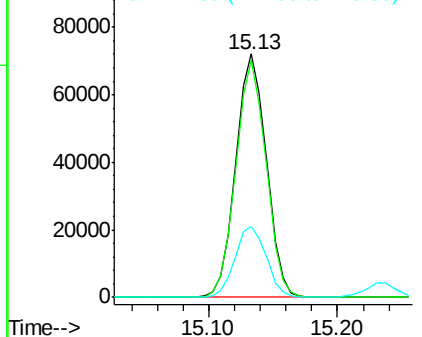
Tot Ion	Ratio	Resp	Lower	Upper
180	100	118667		
182	96.2	47.8	143.4	
145	29.8	15.0	45.1	

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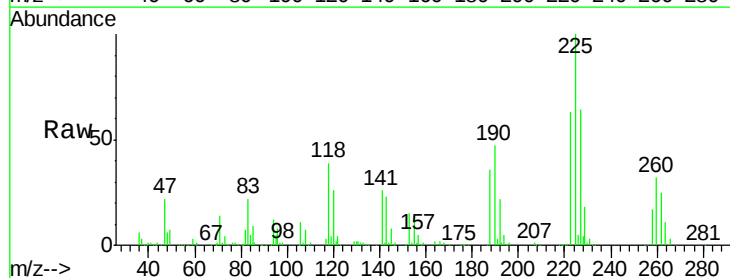


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

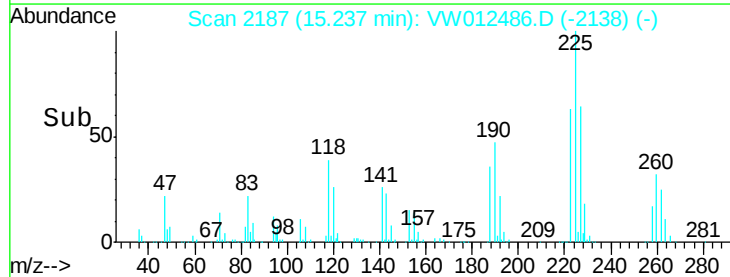
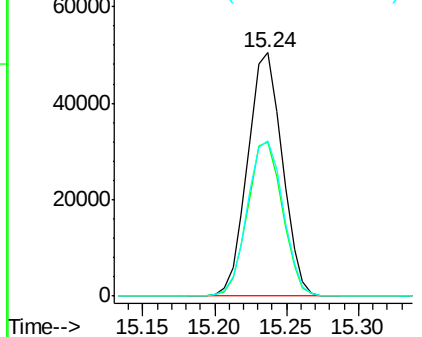


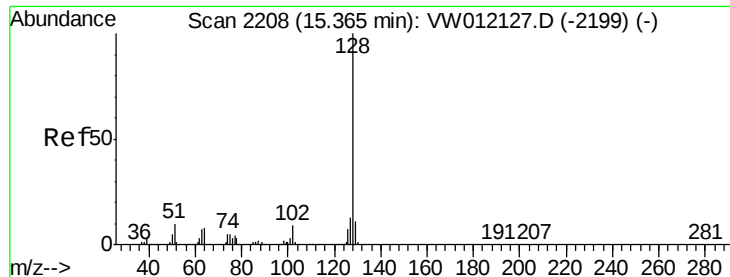
#94
 Hexachlorobutadiene
 Concen: 58.994 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012486.D
 Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84116		
223	63.9	32.3	96.8	
227	65.8	32.9	98.6	



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





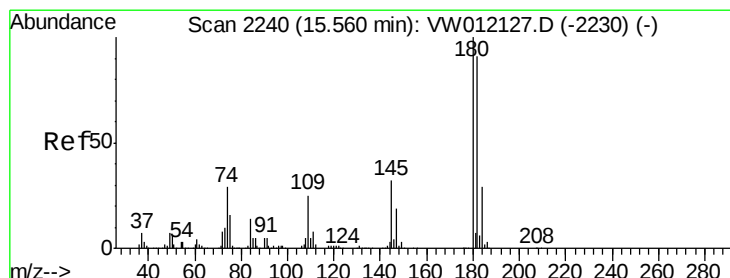
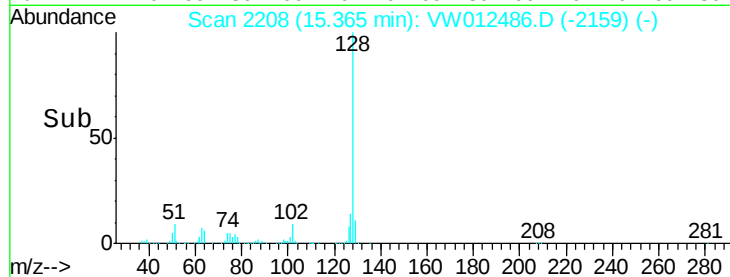
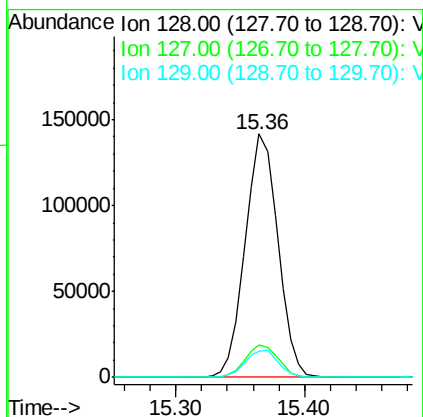
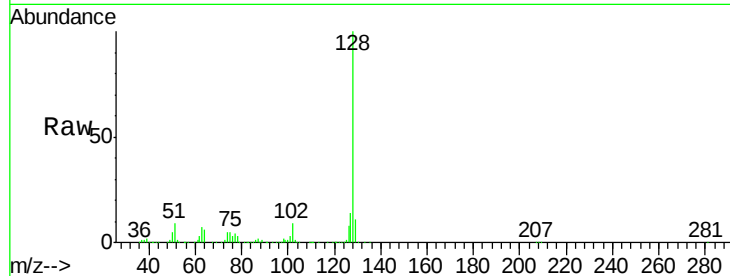
#95
Naphthalene
Concen: 57.929 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.2	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 58.013 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012486.D
Acq: 02 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.1	141.3
145	32.2	16.2	48.5

