

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011153.D
 Acq On : 03 Jul 2019 21:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 9:41:48 AM

Quant Time: Jul 04 05:11:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157367	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	128505	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
35) Dibromofluoromethane	7.88	113	98619	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	
50) Toluene-d8	10.32	98	407234	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
62) 4-Bromofluorobenzene	12.62	95	148651	45.37	ug/l	0.00
Spiked Amount			Recovery	=	90.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	70857	44.266	ug/l	95
3) Chloromethane	2.21	50	98622	45.959	ug/l	96
4) Vinyl Chloride	2.35	62	124211	44.456	ug/l	99
5) Bromomethane	2.76	94	62830	45.177	ug/l	98
6) Chloroethane	2.91	64	68820	46.719	ug/l	98
7) Trichlorofluoromethane	3.24	101	39154	47.687	ug/l	95
8) Diethyl Ether	3.67	74	67193	51.674	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	109495	47.417	ug/l	99
10) Methyl Iodide	4.27	142	152935	47.337	ug/l	99
11) Tert butyl alcohol	5.17	59	50304	249.518	ug/l	99
12) 1,1-Dichloroethene	4.04	96	112117	46.645	ug/l	98
13) Acrolein	3.89	56	40071	254.885	ug/l	100
14) Allyl chloride	4.66	41	195384	50.505	ug/l	100
15) Acrylonitrile	5.35	53	180250	281.493	ug/l	100
16) Acetone	4.12	43	166540	245.791	ug/l	98
17) Carbon Disulfide	4.38	76	315713	46.299	ug/l	98
18) Methyl Acetate	4.67	43	90164	51.371	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	179088	52.641	ug/l	95
20) Methylene Chloride	4.91	84	126570	45.976	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	121961	49.241	ug/l	98
22) Diisopropyl ether	6.31	45	481142	51.683	ug/l	96
23) Vinyl Acetate	6.25	43	1566135	273.030	ug/l	100
24) 1,1-Dichloroethane	6.21	63	244576	49.771	ug/l	99
25) 2-Butanone	7.17	43	274446	266.470	ug/l	100
26) 2,2-Dichloropropane	7.16	77	106347	41.682	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	135806	50.924	ug/l	97
28) Bromochloromethane	7.51	49	116569	50.957	ug/l	99
29) Tetrahydrofuran	7.52	42	181645	283.315	ug/l	100
30) Chloroform	7.67	83	224922	50.382	ug/l	98
31) Cyclohexane	7.95	56	240921	45.373	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	162151	48.607	ug/l	98
36) 1,1-Dichloropropene	8.08	75	184547	48.183	ug/l	99
37) Ethyl Acetate	7.25	43	120617	54.133	ug/l	99
38) Carbon Tetrachloride	8.06	117	150705	47.779	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226196	47.988	ug/l	98
40) Benzene	8.32	78	520099	49.371	ug/l	99
41) Methacrylonitrile	7.48	41	66775	49.258	ug/l	91
42) 1,2-Dichloroethane	8.40	62	173455	50.217	ug/l	100
43) Isopropyl Acetate	8.42	43	228102	54.115	ug/l	99
44) Trichloroethene	9.09	130	123049	48.331	ug/l	100
45) 1,2-Dichloropropane	9.37	63	143552	50.180	ug/l	98
46) Dibromomethane	9.46	93	69036	51.599	ug/l	99
47) Bromodichloromethane	9.64	83	169142	51.061	ug/l	100
48) Methyl methacrylate	9.43	41	110798	54.212	ug/l	99
49) 1,4-Dioxane	9.45	88	24569	1092.169	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	613626	276.559	ug/l	99
52) Toluene	10.38	92	320377	49.674	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	176324	51.104	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	209418	50.881	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97123	51.381	ug/l	98
56) Ethyl methacrylate	10.65	69	155256	54.850	ug/l	98
57) 1,3-Dichloropropane	10.93	76	186711	51.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	369515	258.011	ug/l	99
59) 2-Hexanone	10.97	43	424143	274.115	ug/l	98
60) Dibromochloromethane	11.13	129	103793	52.363	ug/l	98
61) 1,2-Dibromoethane	11.23	107	92687	52.378	ug/l	100
64) Tetrachloroethene	10.86	164	105139	47.234	ug/l	95
65) Chlorobenzene	11.66	112	317943	48.021	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	112224	49.923	ug/l	99
67) Ethyl Benzene	11.73	91	619742	48.871	ug/l	99
68) m/p-Xylenes	11.84	106	447943	97.347	ug/l	99
69) o-Xylene	12.16	106	211008	49.232	ug/l	98
70) Styrene	12.18	104	374259	50.251	ug/l	100
71) Bromoform	12.35	173	58328	53.224	ug/l #	100
73) Isopropylbenzene	12.46	105	586169	49.721	ug/l	100
74) N-amyl acetate	12.27	43	215980	54.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	122706	53.004	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	86900m	52.306	ug/l	
77) Bromobenzene	12.74	156	129732	50.065	ug/l	99
78) n-propylbenzene	12.80	91	718242	49.198	ug/l	99
79) 2-Chlorotoluene	12.89	91	412962	49.513	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	494615	49.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36890	47.471	ug/l	98
82) 4-Chlorotoluene	12.99	91	424026	48.785	ug/l	100
83) tert-Butylbenzene	13.21	119	416811	50.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	500816	49.587	ug/l	99
85) sec-Butylbenzene	13.38	105	599340	49.514	ug/l	100
86) p-Isopropyltoluene	13.50	119	537772	49.370	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	251086	48.985	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	251078	49.070	ug/l	99
89) n-Butylbenzene	13.82	91	539300	48.712	ug/l	100
90) Hexachloroethane	14.10	117	92141	49.439	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	229804	49.917	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20952	53.253	ug/l	96

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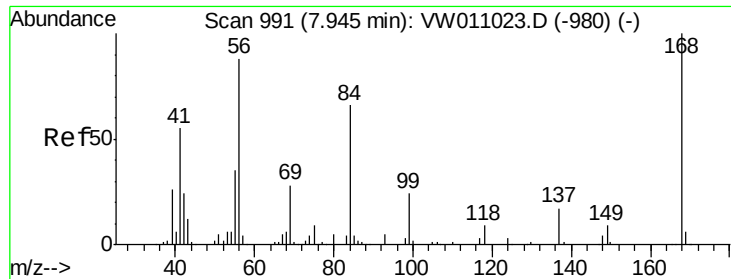
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	160156	49.445	ug/l	100
94) Hexachlorobutadiene	15.24	225	95561	48.642	ug/l	99
95) Naphthalene	15.37	128	331281	54.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	143823	49.727	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 212340

Ion Ratio Lower Upper

168 100

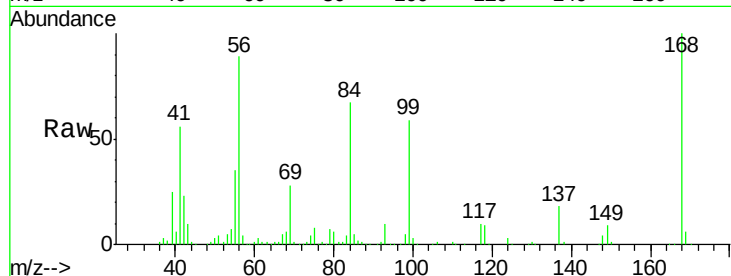
99 58.8 47.8 71.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

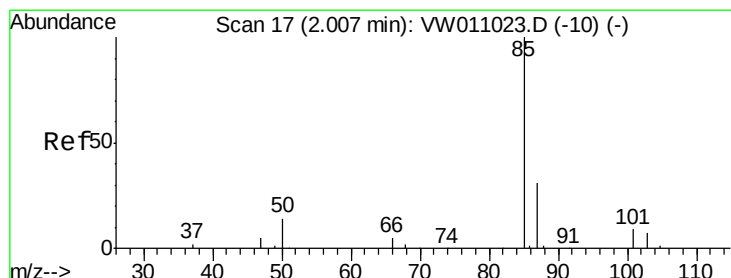
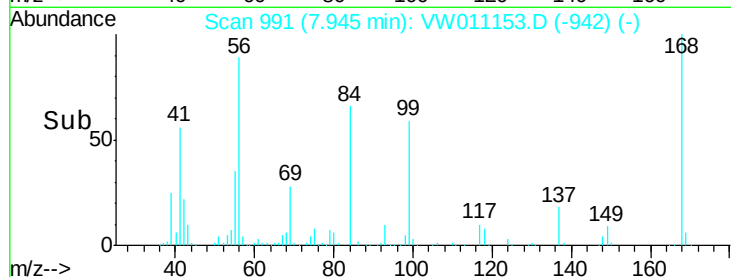
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.266 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011153.D

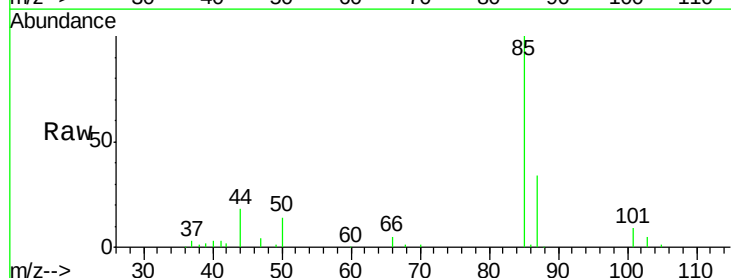
Acq: 03 Jul 2019 21:11

Tgt Ion: 85 Resp: 70857

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

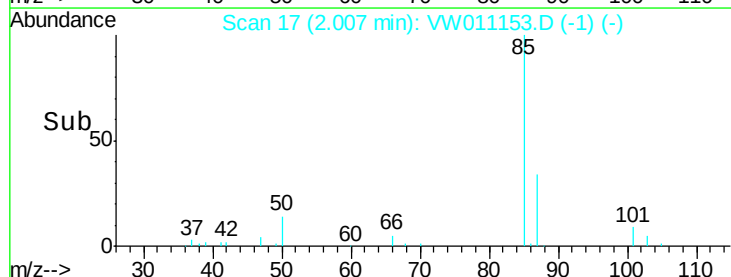
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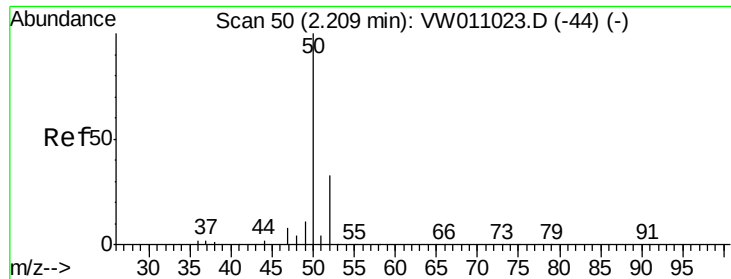
10000

5000

0

Time-->





#3

Chloromethane

Concen: 45.959 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 98622

Ion Ratio Lower Upper

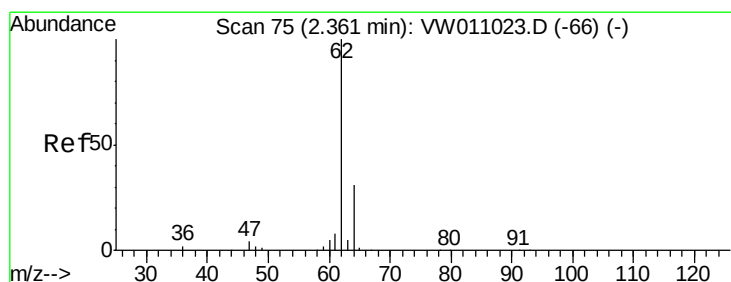
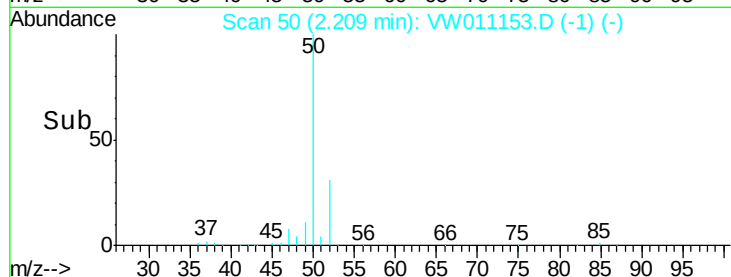
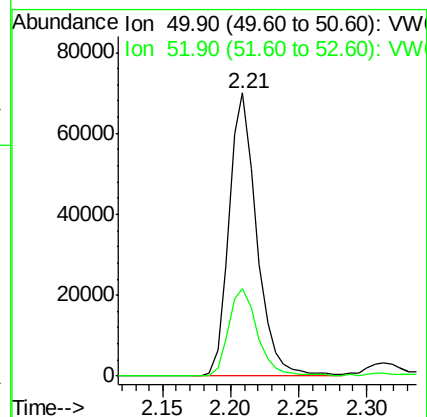
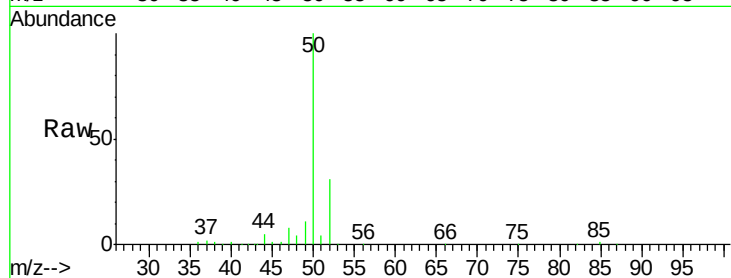
50 100

52 31.1 26.6 40.0

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#4

Vinyl Chloride

Concen: 44.456 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011153.D

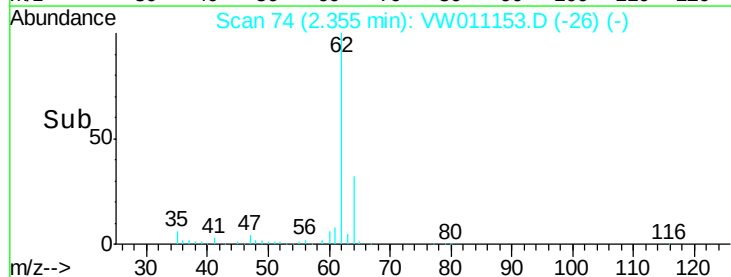
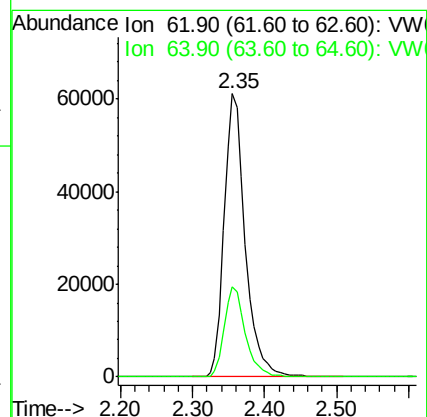
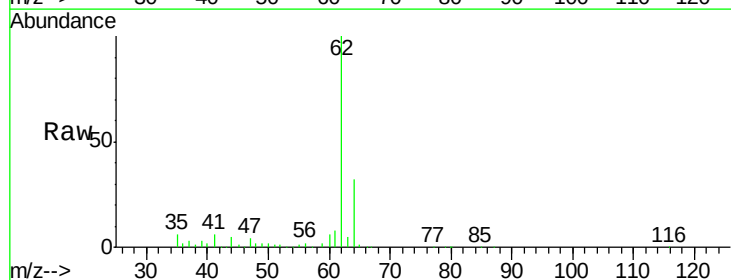
Acq: 03 Jul 2019 21:11

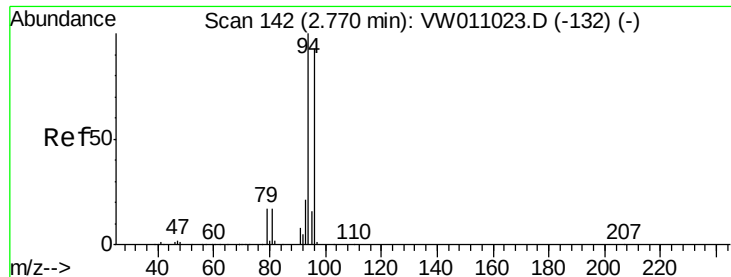
Tgt Ion: 62 Resp: 124211

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 45.177 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 62830

Ion Ratio Lower Upper

94 100

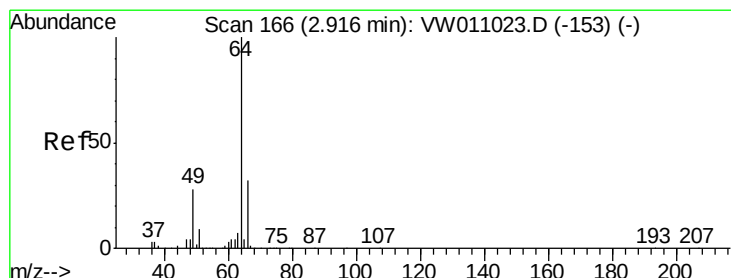
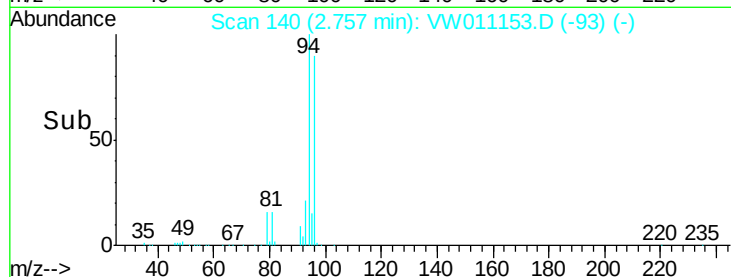
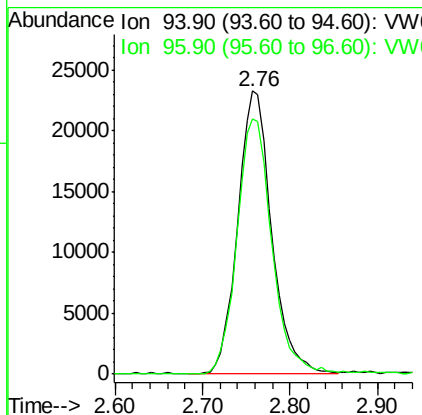
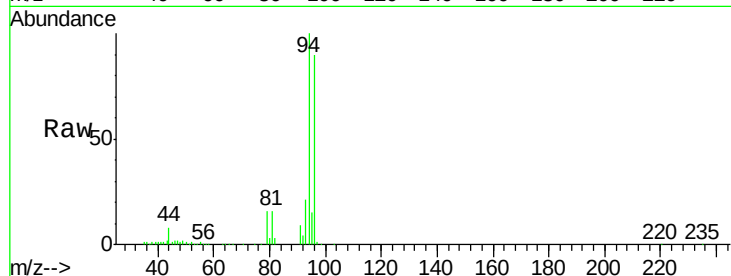
96 90.4 74.2 111.2

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#6

Chloroethane

Concen: 46.719 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011153.D

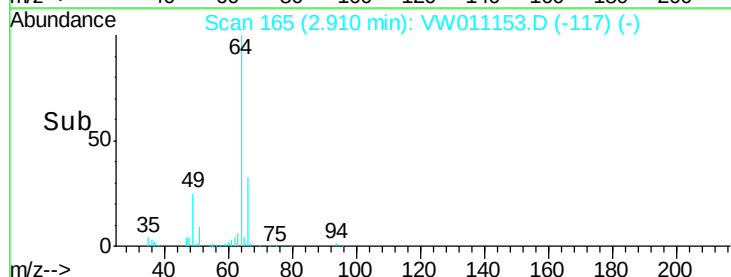
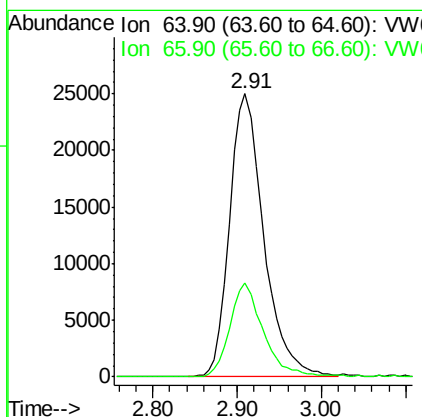
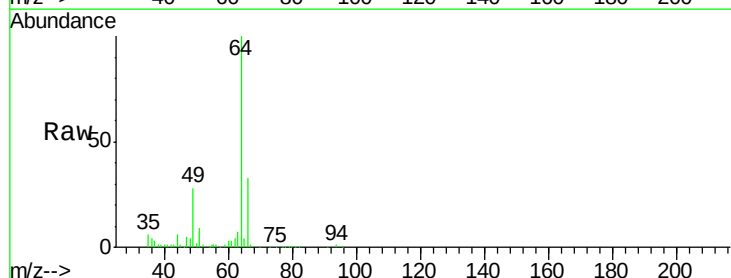
Acq: 03 Jul 2019 21:11

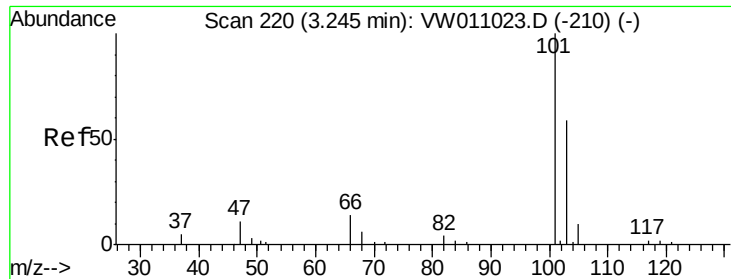
Tgt Ion: 64 Resp: 68820

Ion Ratio Lower Upper

64 100

66 33.0 25.7 38.5





#7

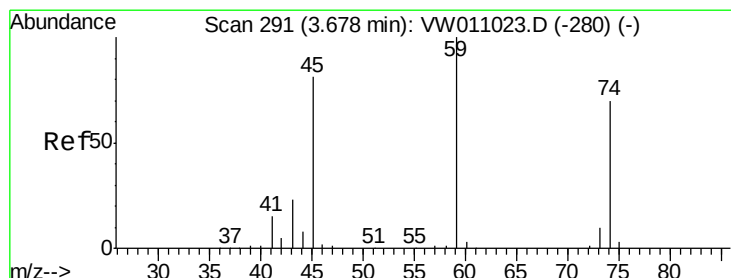
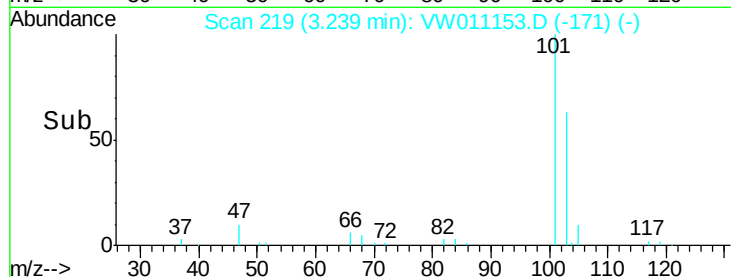
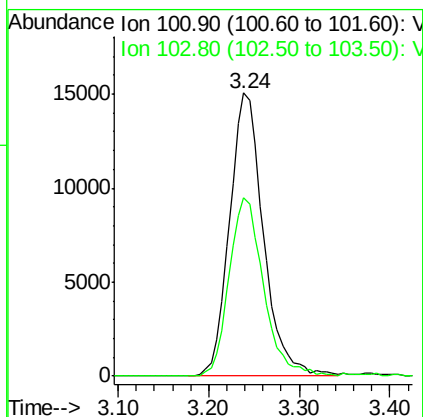
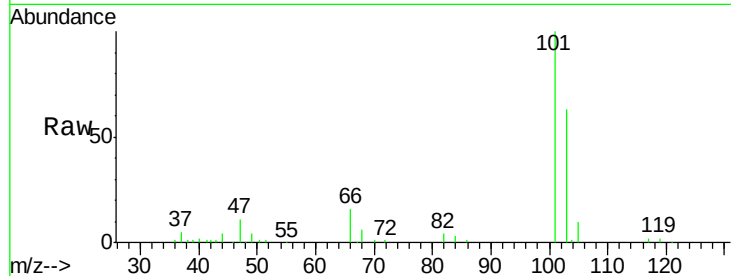
Trichlorofluoromethane
 Concen: 47.687 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

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Tot Ion	101	Resp	39154
Ion Ratio	100	Lower	Upper
101	100		
103	62.9	47.5	71.3

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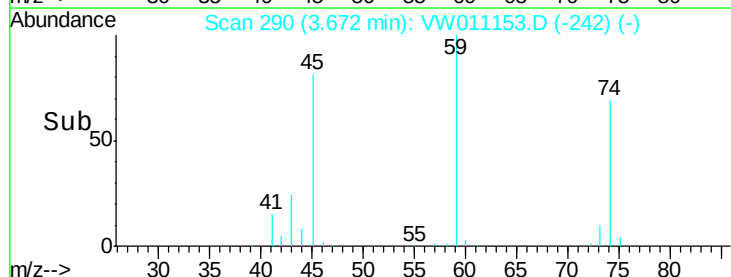
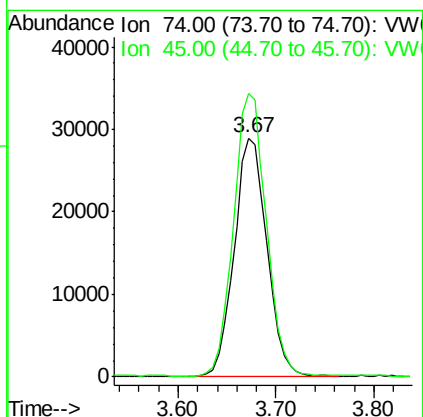
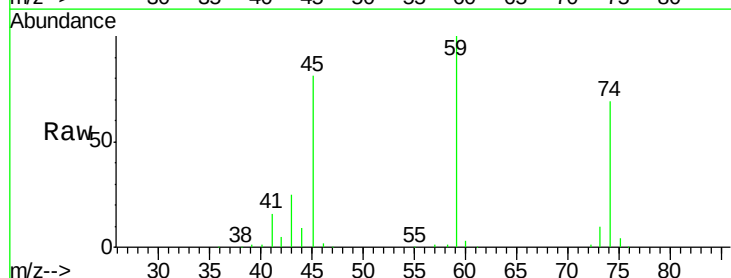
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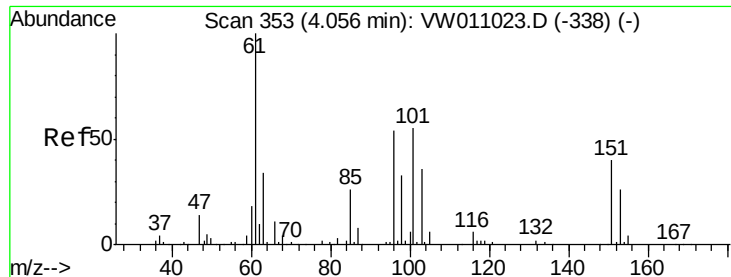


#8

Diethyl Ether
 Concen: 51.674 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	74	Resp	67193
Ion Ratio	100	Lower	Upper
74	100		
45	117.9	59.5	178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.417 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

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MSVOA_W

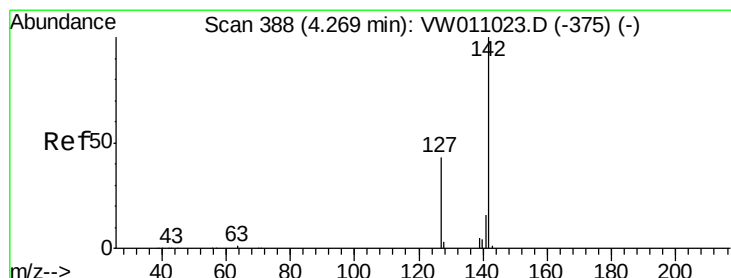
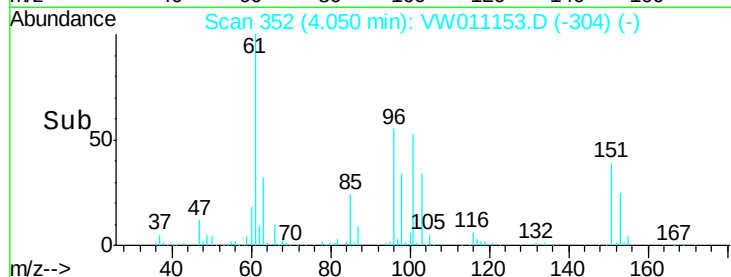
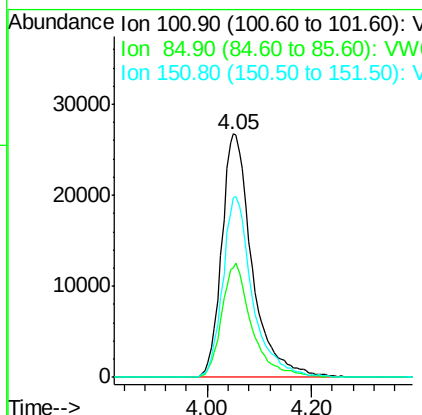
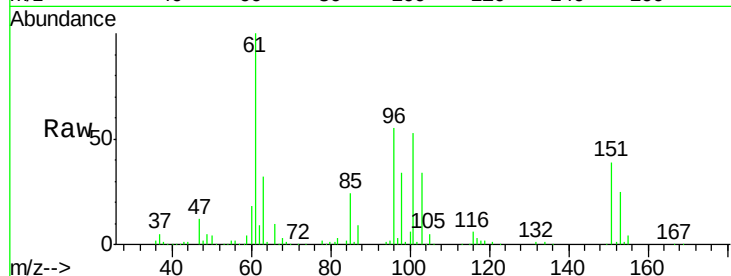
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	109495
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.6	55.0
151	72.0	58.9	88.3

Manual Integrations
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#10

Methyl Iodide

Concen: 47.337 ug/l

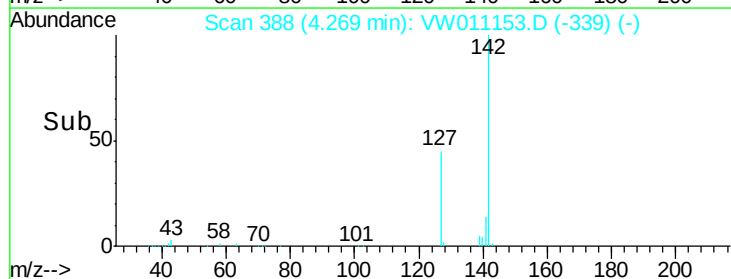
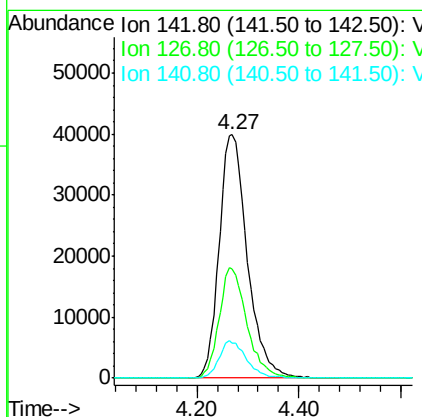
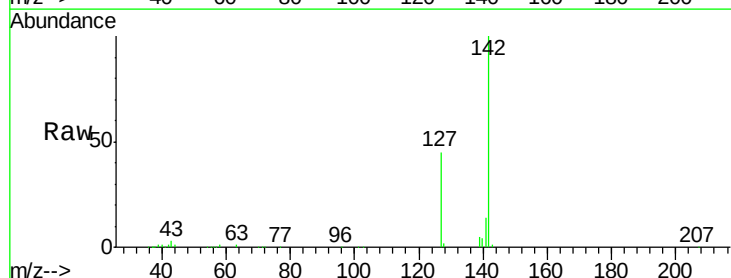
RT: 4.27 min Scan# 388

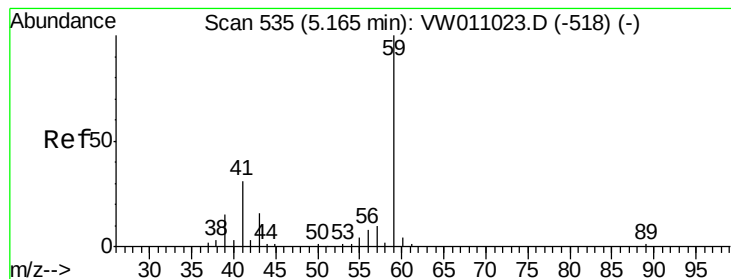
Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion:	142	Resp:	152935
Ion Ratio	Lower	Upper	
142	100		
127	44.5	35.8	53.8
141	14.9	12.2	18.2





#11

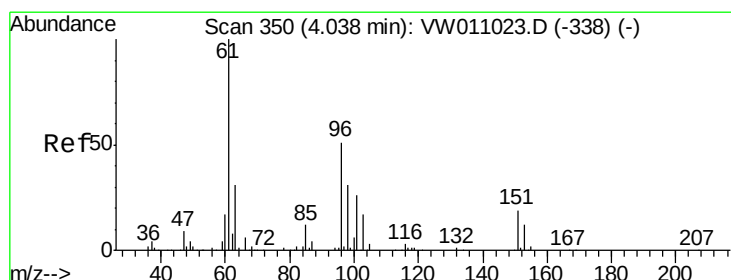
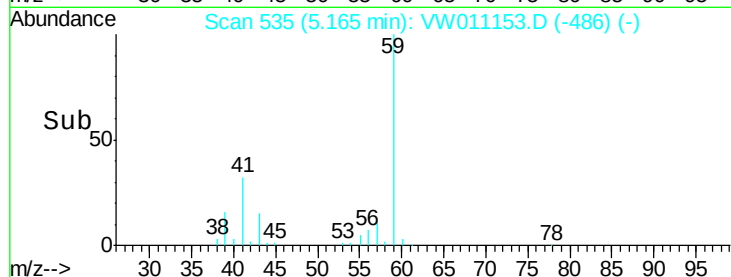
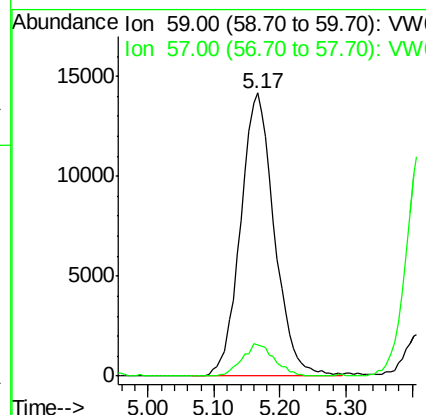
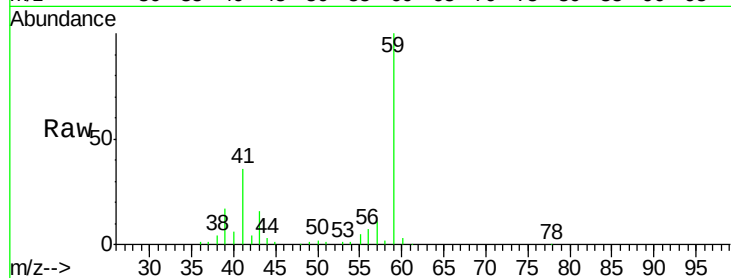
Tert butyl alcohol
Concen: 249.518 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.0	13.4

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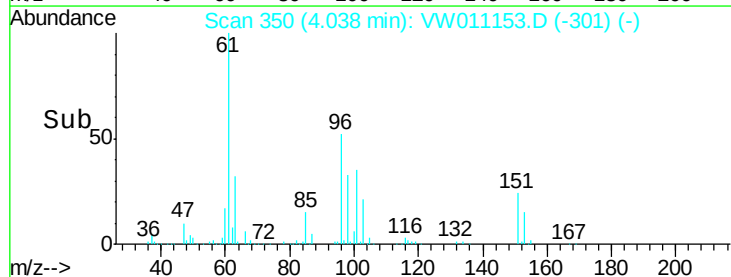
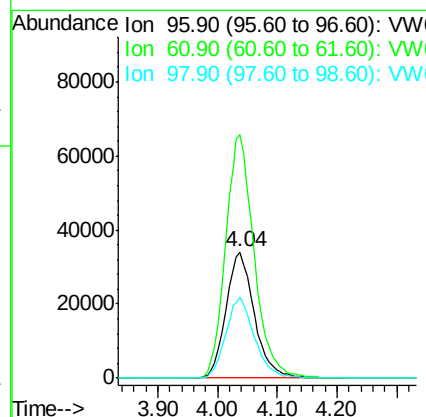
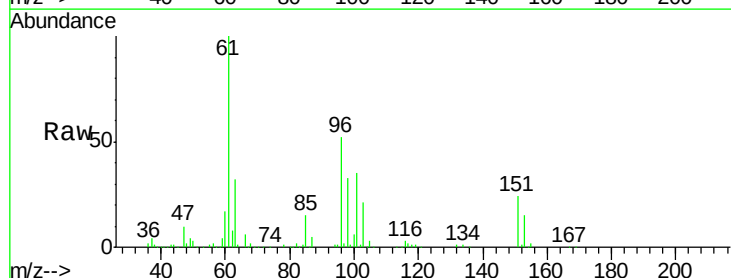
MMDadoda
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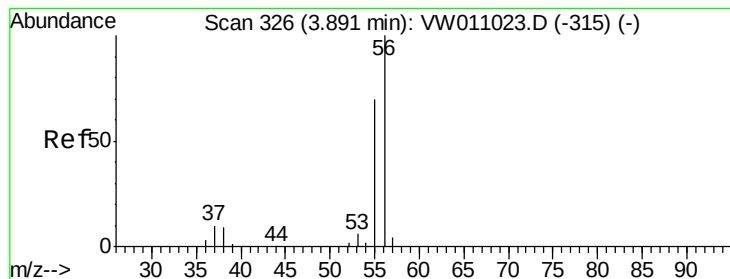


#12

1,1-Dichloroethene
Concen: 46.645 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.3	156.0	234.0
98	63.7	48.7	73.1





#13

Acrolein

Concen: 254.885 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 40071

Ion Ratio Lower Upper

56 100

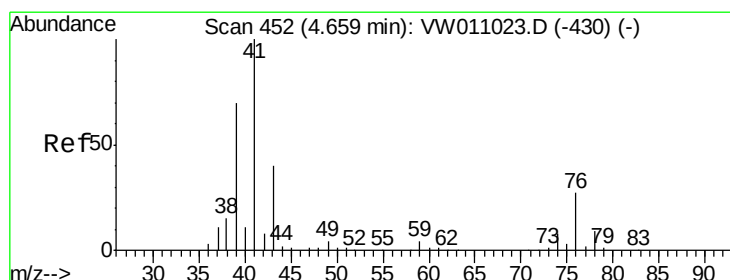
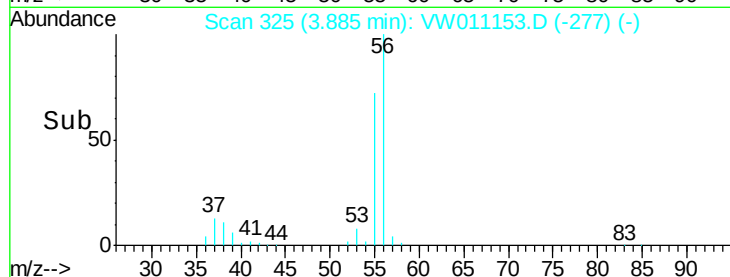
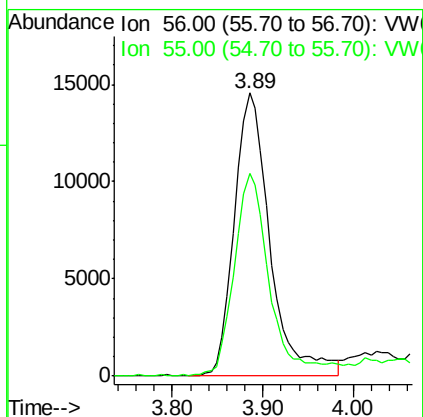
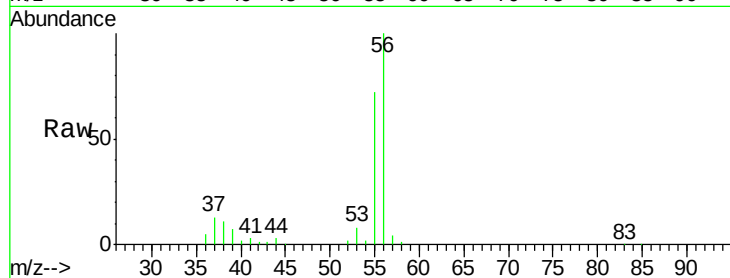
55 69.5 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 50.505 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

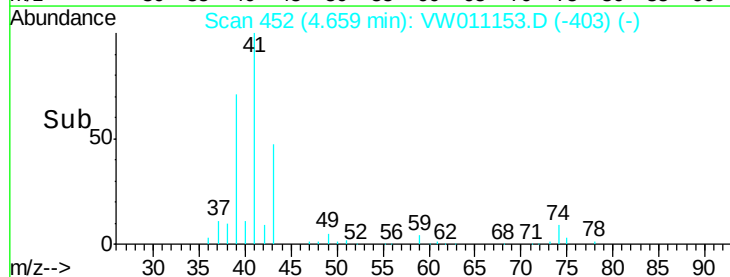
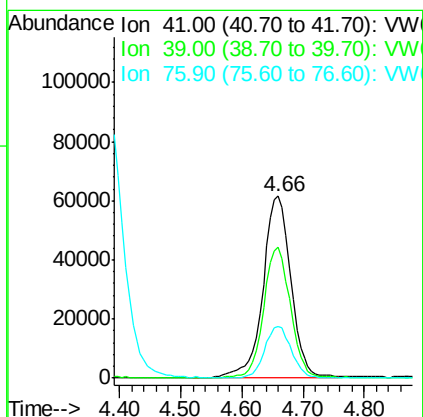
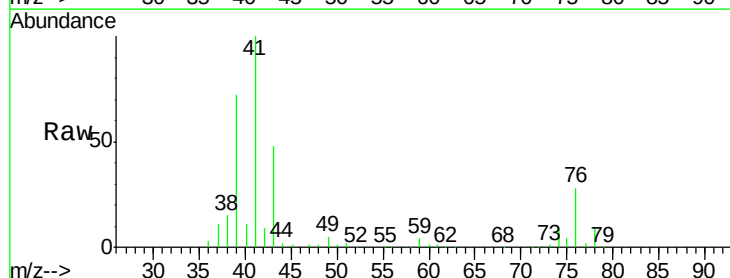
Tgt Ion: 41 Resp: 195384

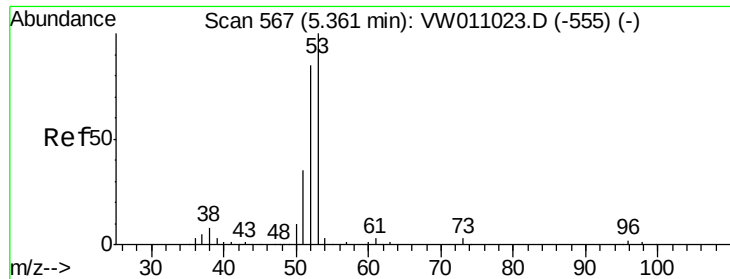
Ion Ratio Lower Upper

41 100

39 69.3 55.4 83.2

76 27.3 22.0 33.0





#15

Acrylonitrile

Concen: 281.493 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

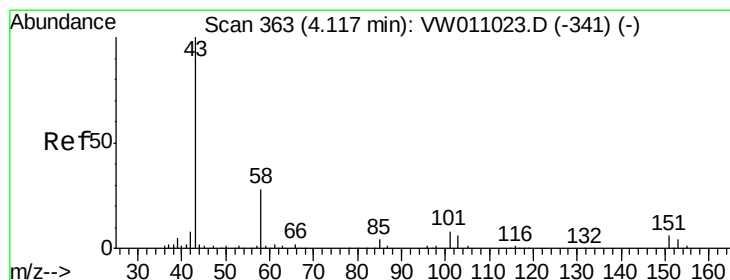
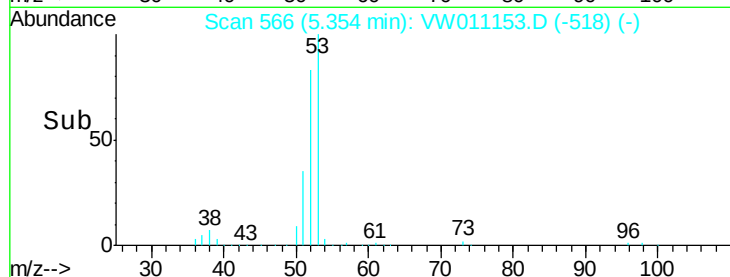
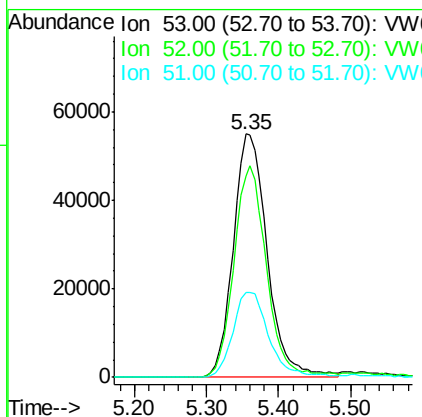
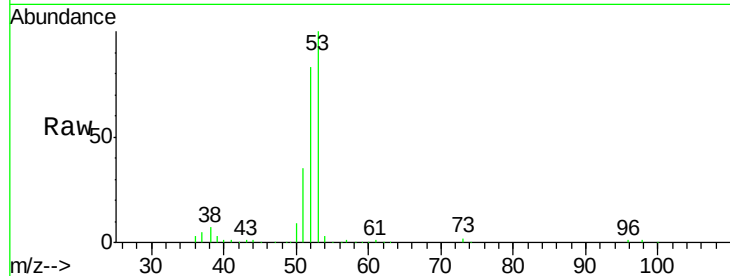
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	180250
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.3	99.5
51	36.8	29.8	44.6

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#16

Acetone

Concen: 245.791 ug/l

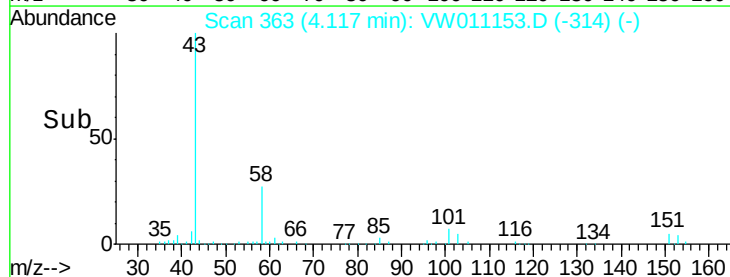
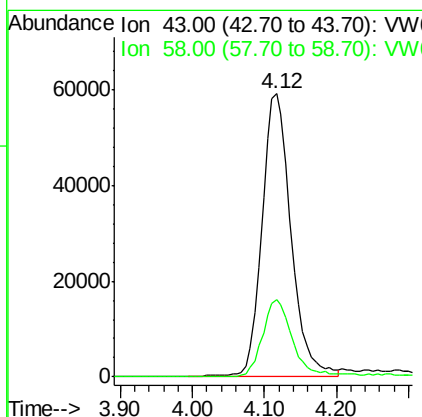
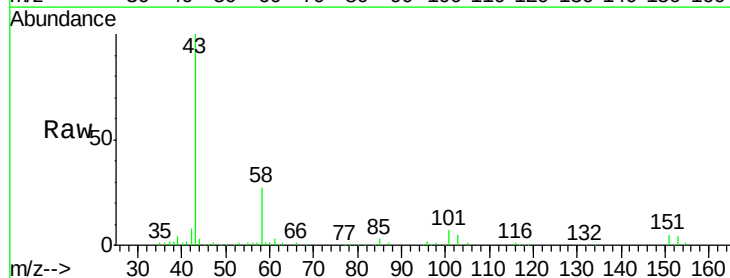
RT: 4.12 min Scan# 363

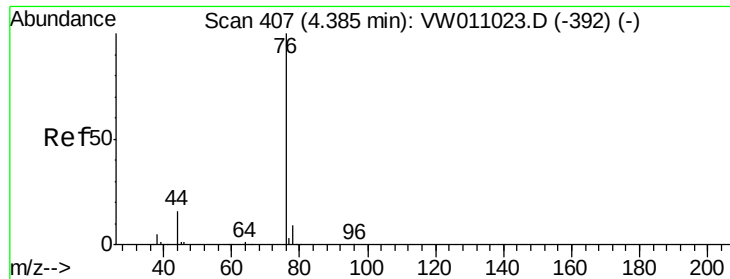
Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion:	43	Resp:	166540
Ion Ratio		Lower	Upper
43	100		
58	27.1	22.5	33.7





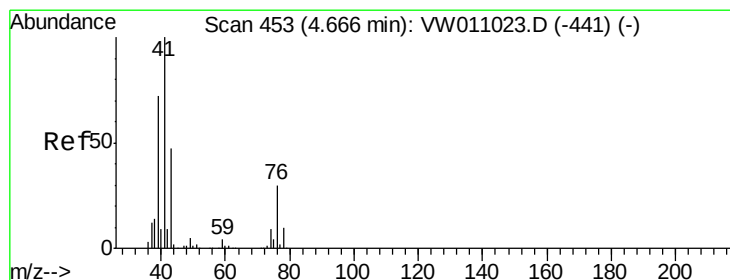
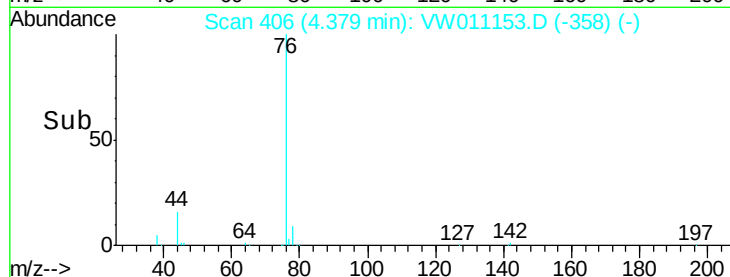
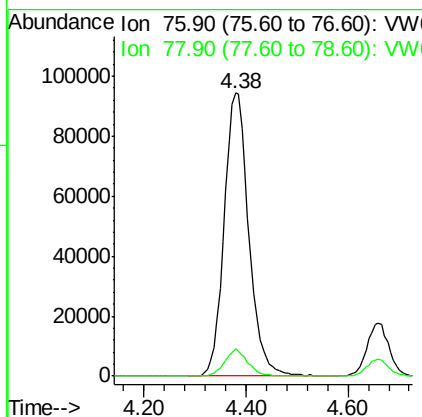
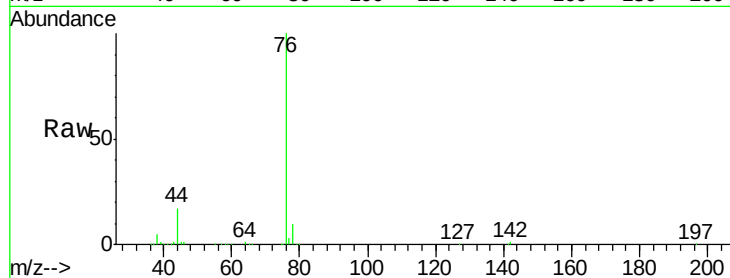
#17
Carbon Disulfide
Concen: 46.299 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 315713
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

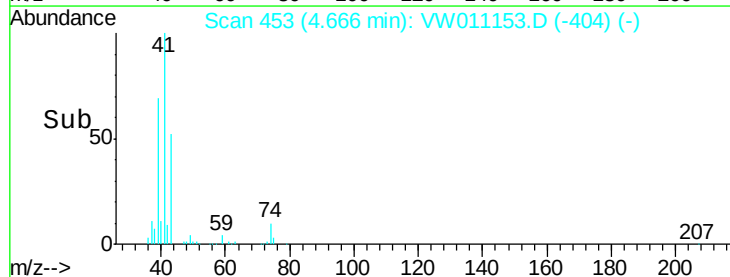
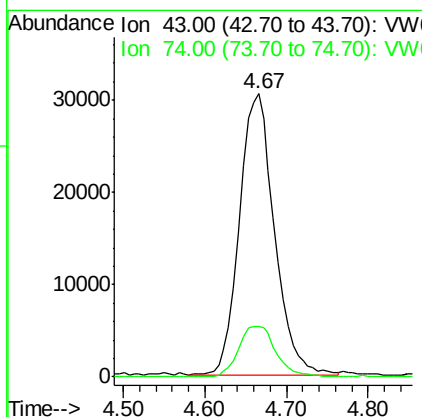
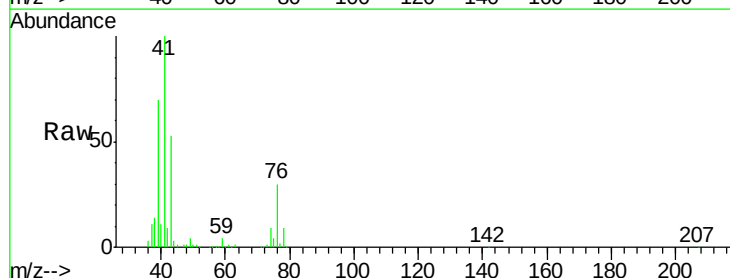
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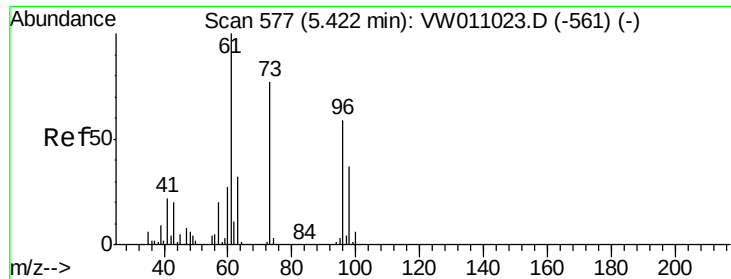
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#18
Methyl Acetate
Concen: 51.371 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 43 Resp: 90164
Ion Ratio Lower Upper
43 100
74 19.5 15.8 23.8





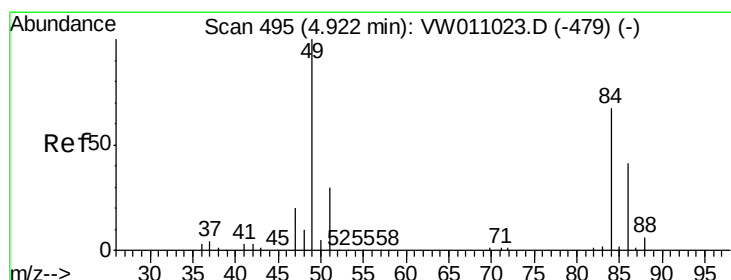
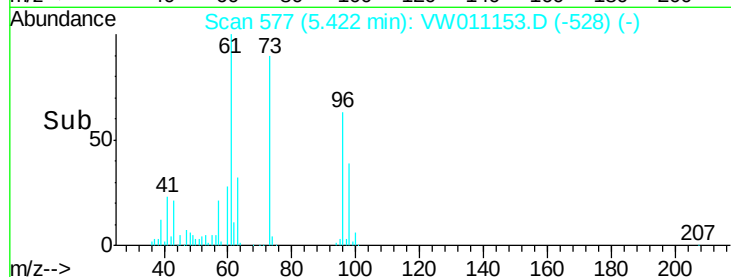
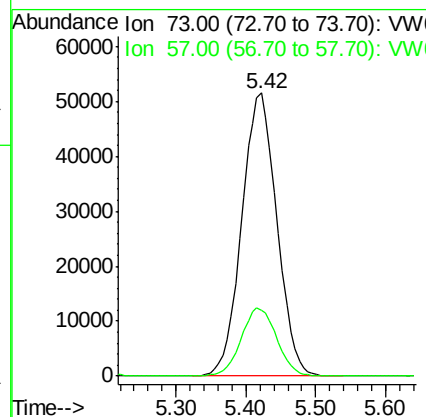
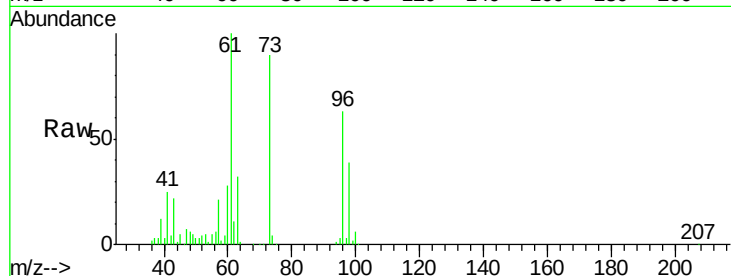
#19
Methyl tert-butyl Ether
Concen: 52.641 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 179088
Ion Ratio Lower Upper
73 100
57 23.4 20.8 31.2

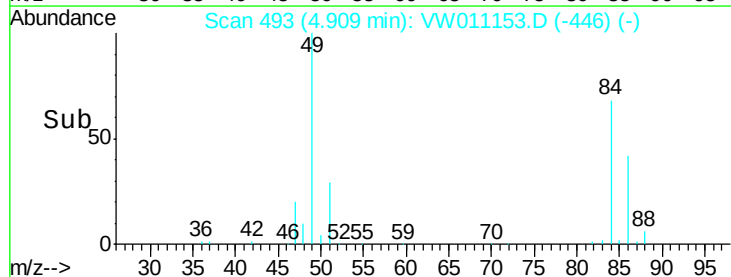
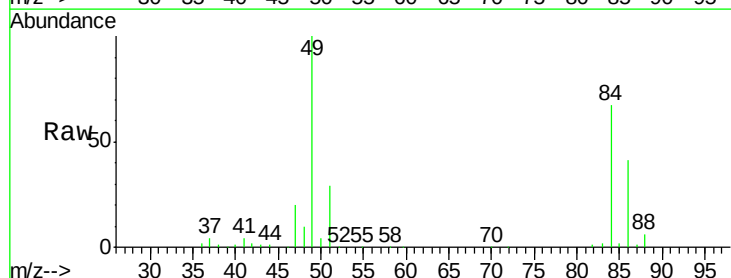
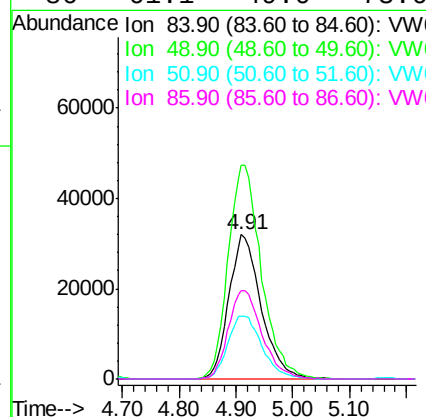
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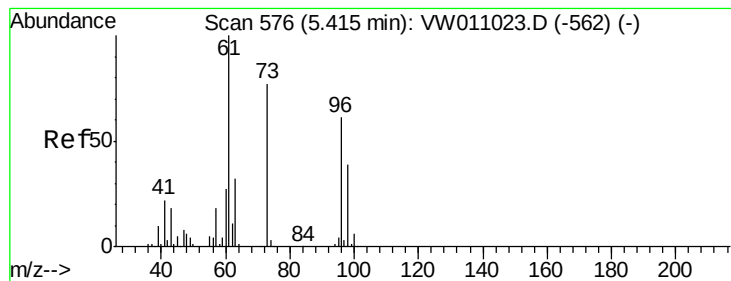
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#20
Methylene Chloride
Concen: 45.976 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 84 Resp: 126570
Ion Ratio Lower Upper
84 100
49 148.2 119.6 179.4
51 43.1 35.6 53.4
86 61.1 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 49.241 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

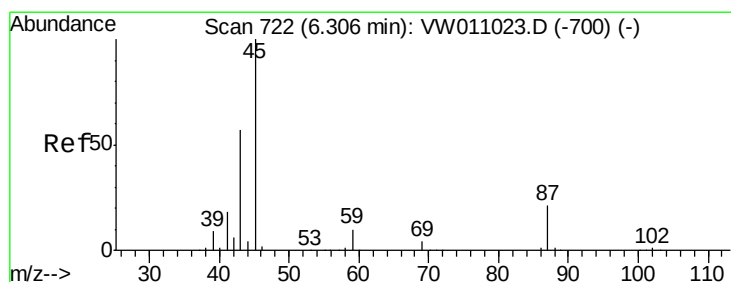
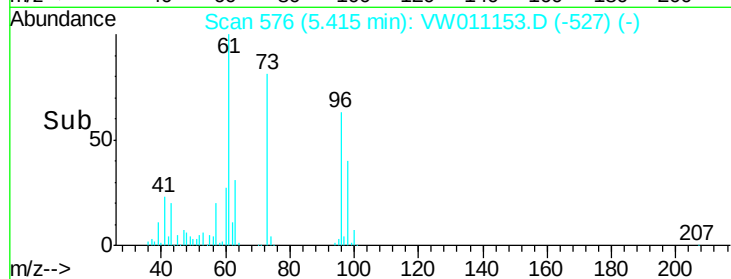
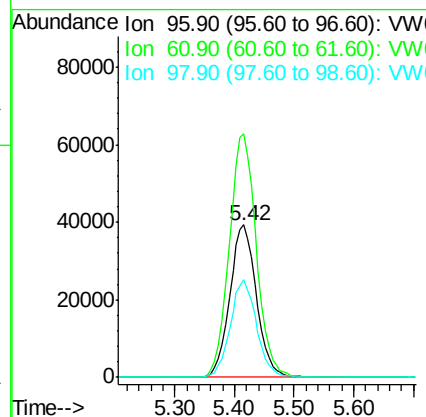
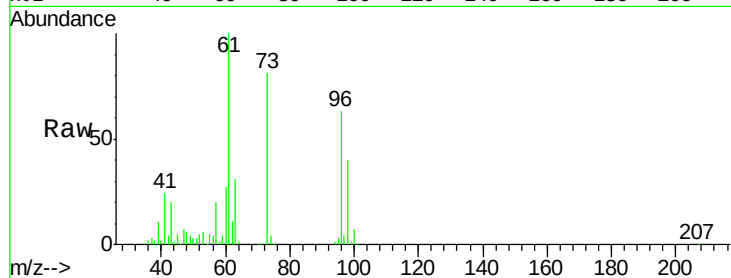
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	121961
Ion	Ratio	Lower	Upper
96	100		
61	159.7	131.0	196.4
98	63.9	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.683 ug/l

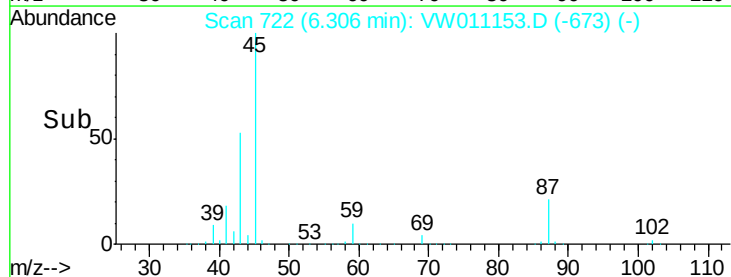
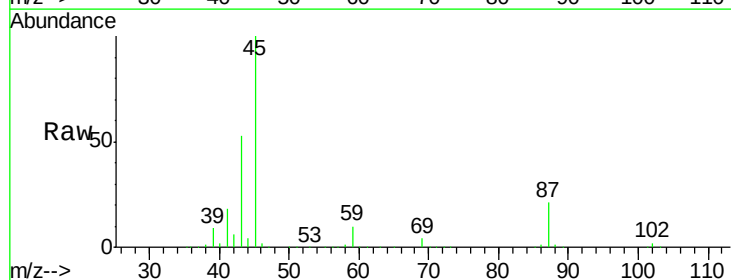
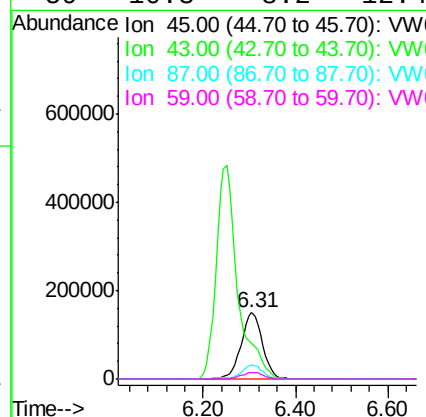
RT: 6.31 min Scan# 722

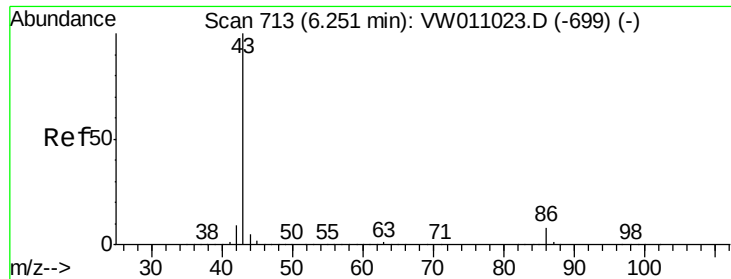
Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion:	45	Resp:	481142
Ion	Ratio	Lower	Upper
45	100		
43	53.4	45.8	68.6
87	21.0	17.1	25.7
59	10.3	8.2	12.4





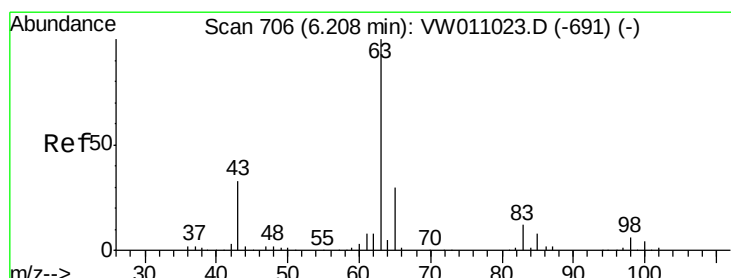
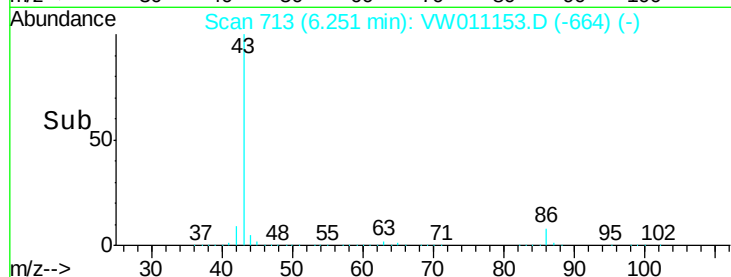
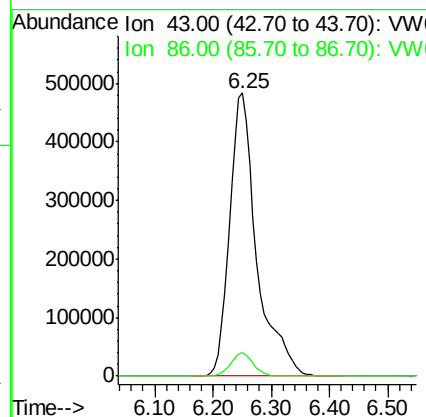
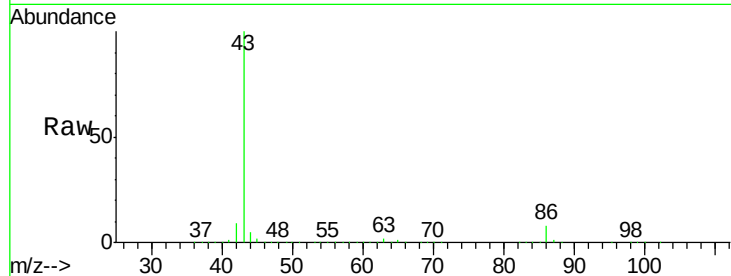
#23
 Vinyl Acetate
 Concen: 273.030 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1566135
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.6 10.0

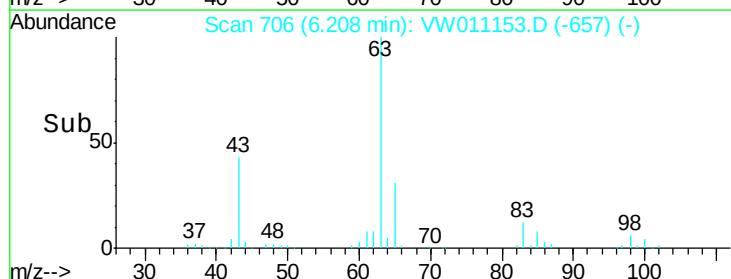
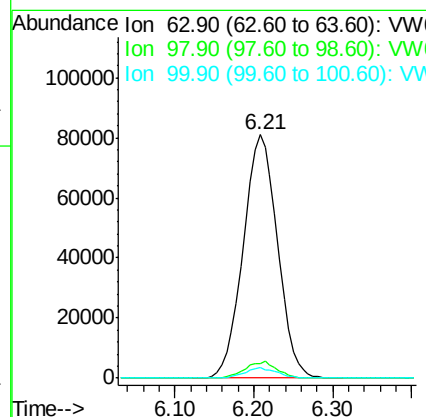
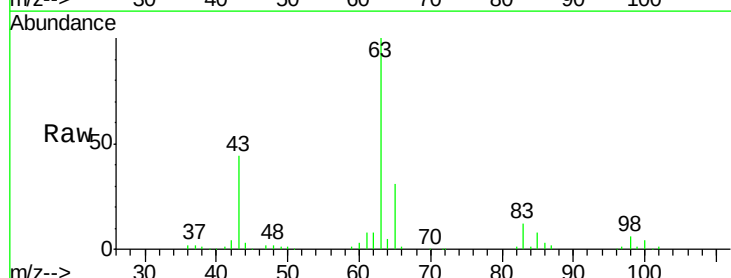
Manual Integrations
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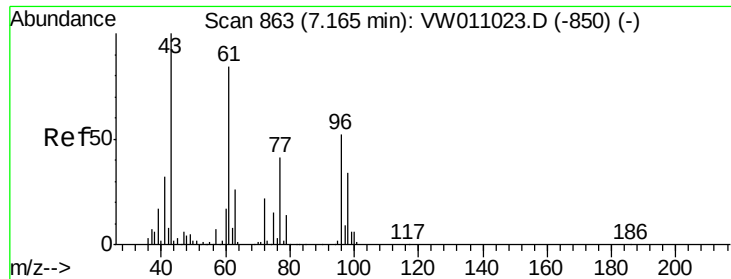
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#24
 1,1-Dichloroethane
 Concen: 49.771 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 63 Resp: 244576
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.4
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 266.470 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 274446

Ion Ratio Lower Upper

43 100

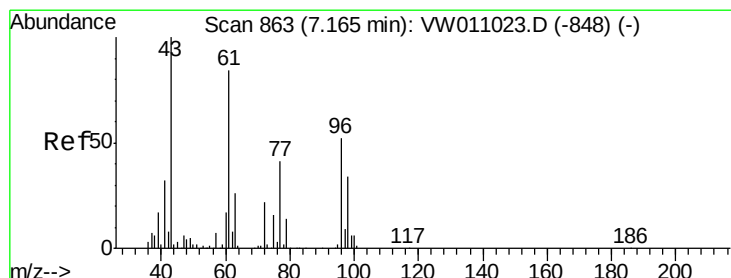
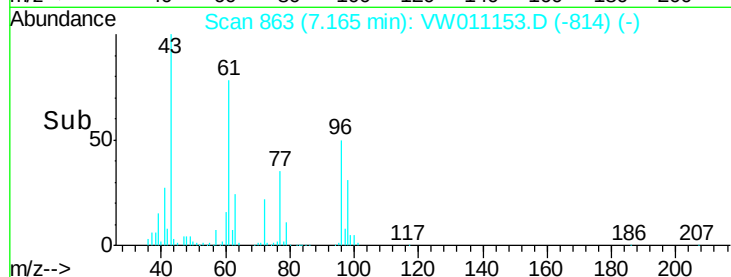
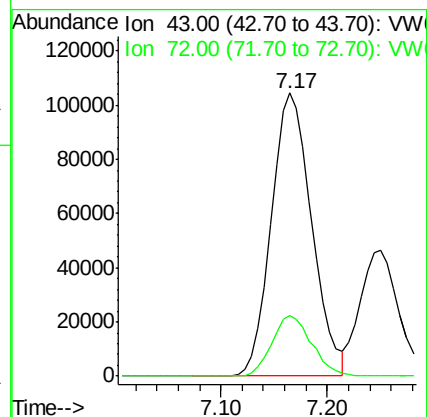
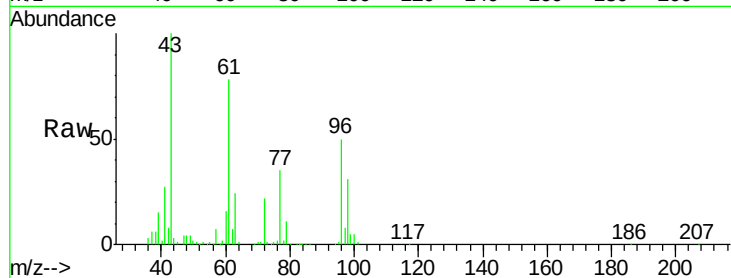
72 21.5 17.2 25.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.682 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011153.D

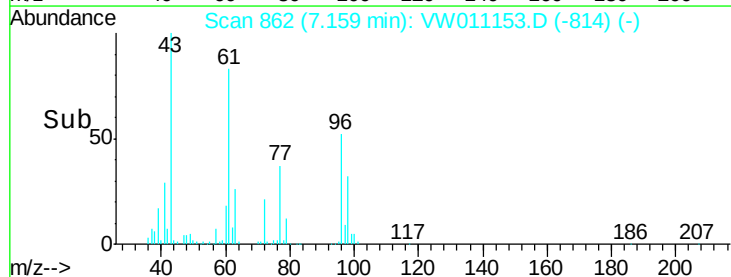
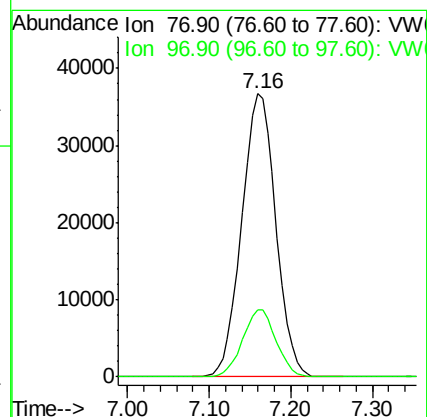
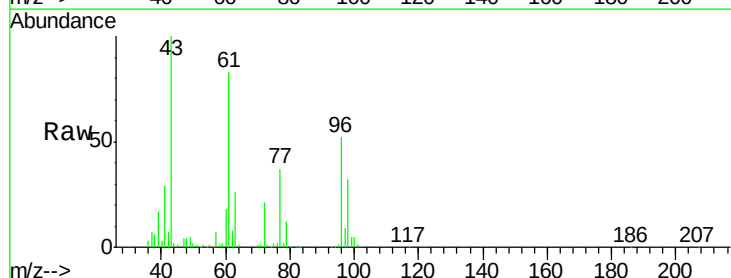
Acq: 03 Jul 2019 21:11

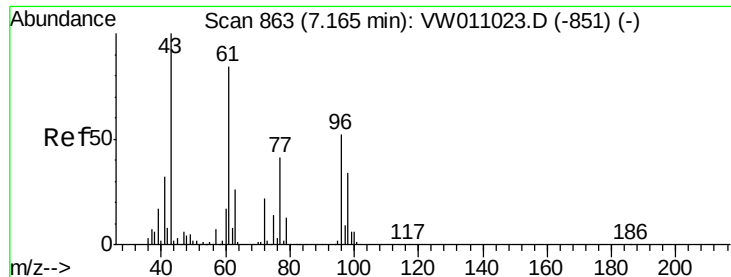
Tgt Ion: 77 Resp: 106347

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.7





#27

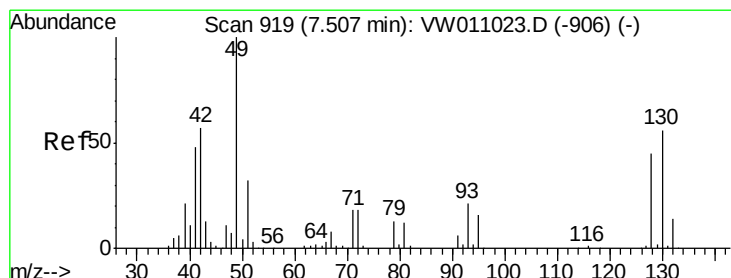
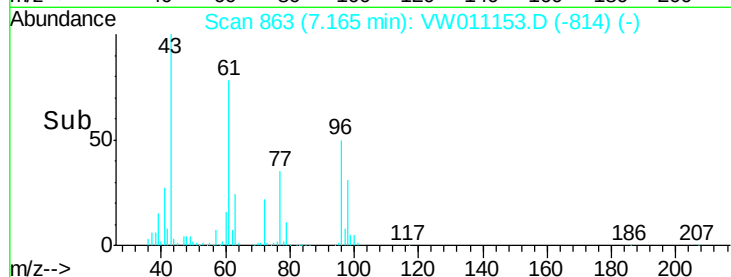
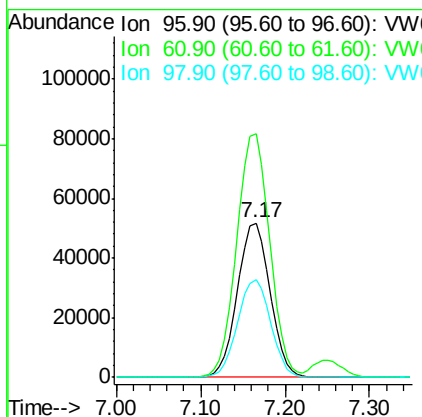
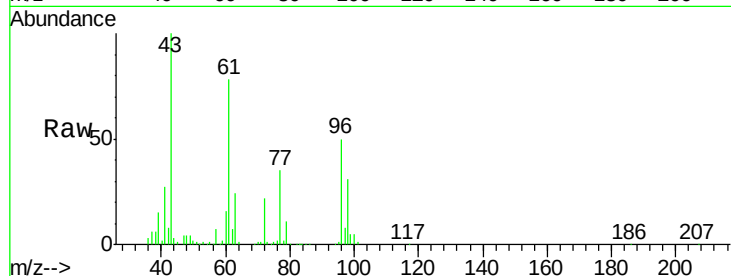
cis-1,2-Dichloroethene
Concen: 50.924 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	159.6	0.0	330.4	
98	64.1	0.0	129.4	

Manual Integrations
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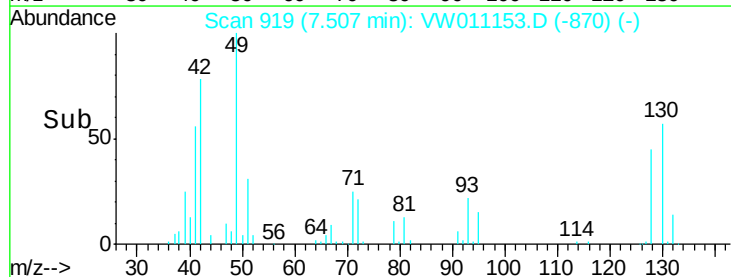
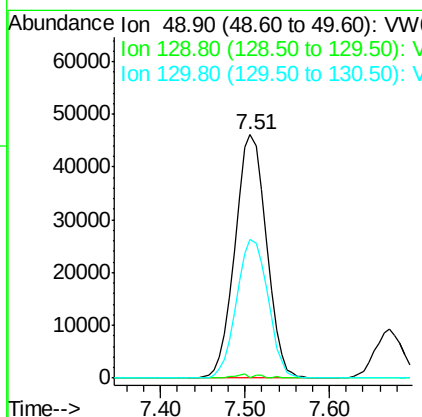
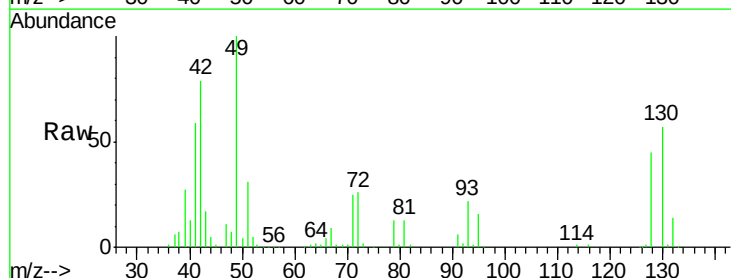
MMDadoda
7/8/2019 9:41:48 AM

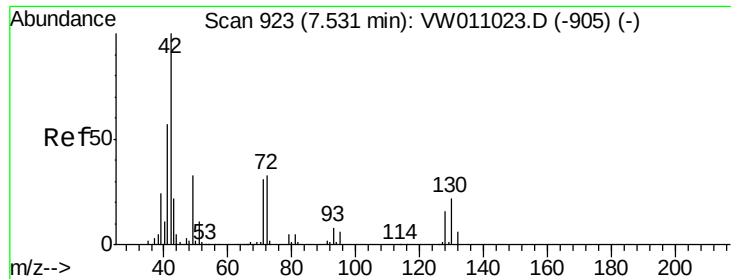


#28

Bromochloromethane
Concen: 50.957 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.4	0.0	3.4	
130	56.9	46.1	69.1	





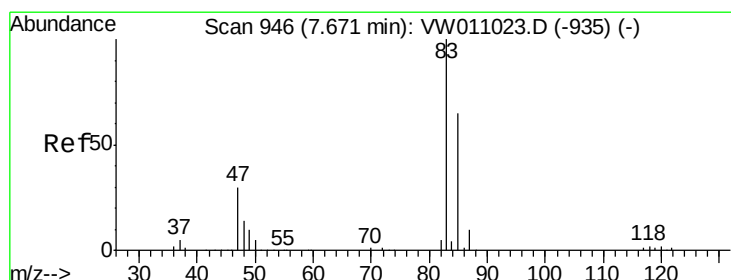
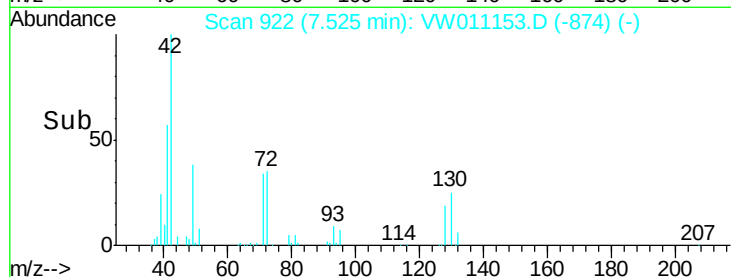
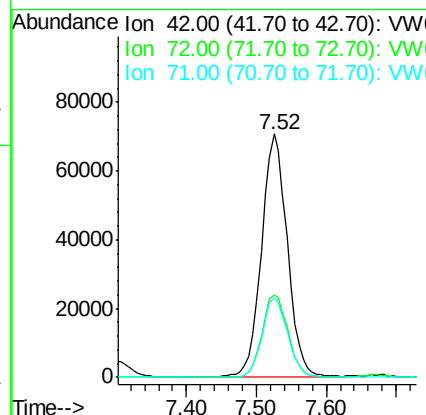
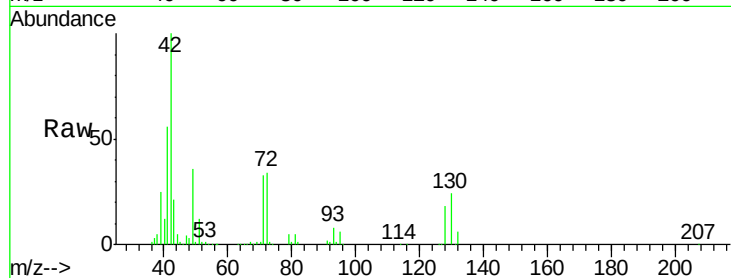
#29
Tetrahydrofuran
Concen: 283.315 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.4	41.0
71	32.3	25.6	38.4

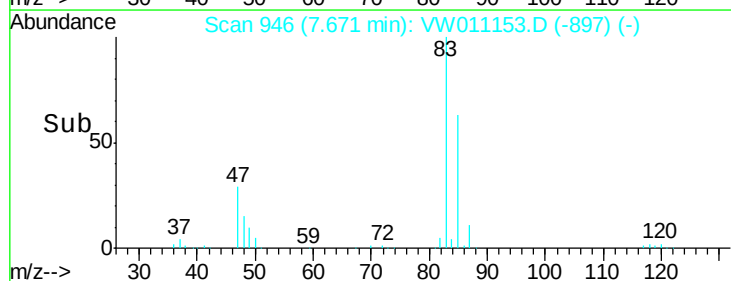
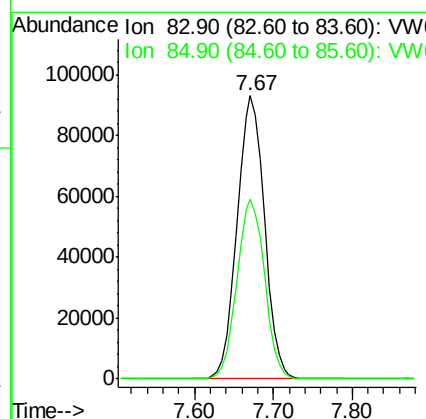
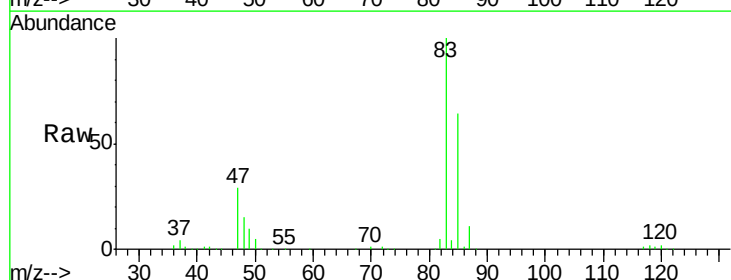
Manual Integrations
APPROVED

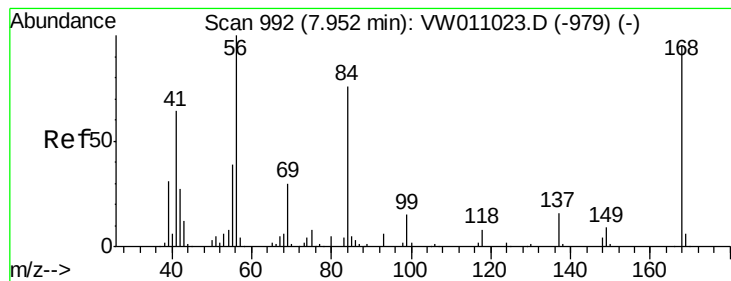
MMDadoda
7/8/2019 9:41:48 AM



#30
Chloroform
Concen: 50.382 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.2	78.4





#31

Cyclohexane

Concen: 45.373 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

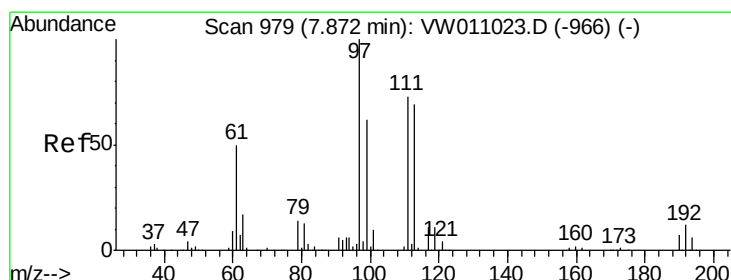
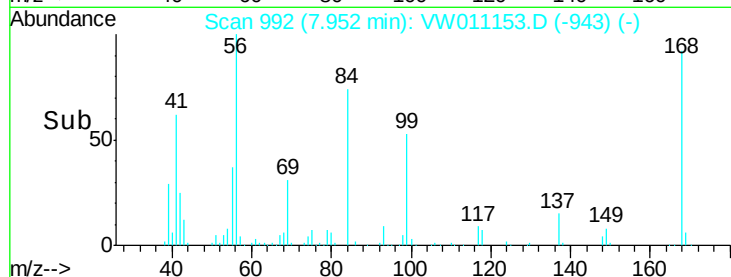
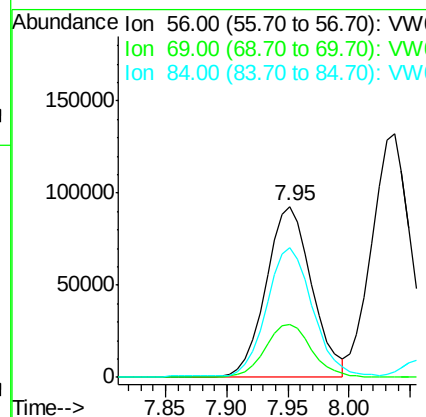
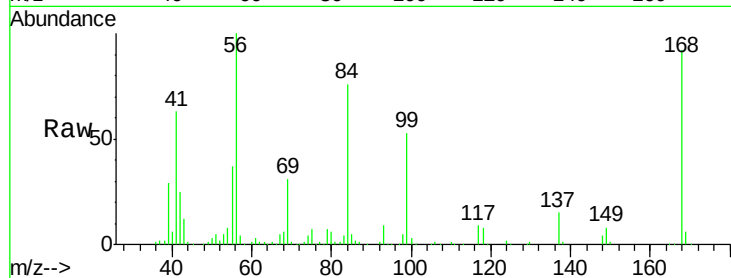
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	240921
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.2	36.2
84	75.0	60.6	90.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.607 ug/l

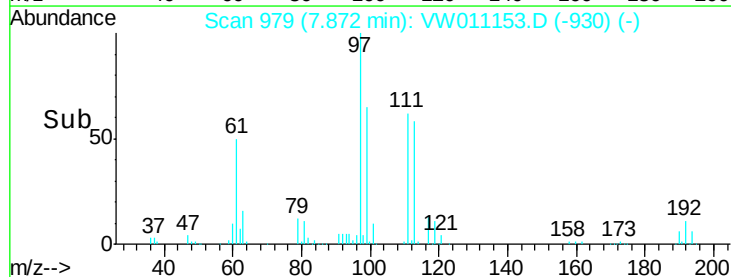
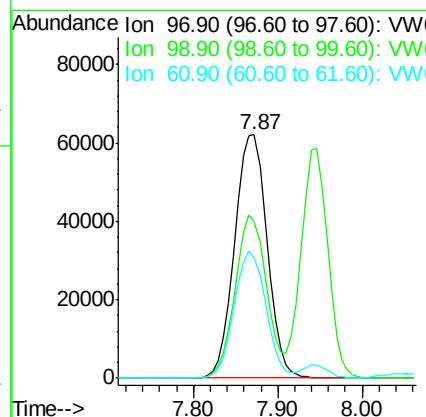
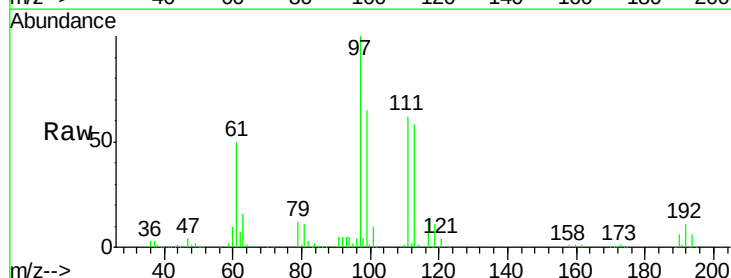
RT: 7.87 min Scan# 979

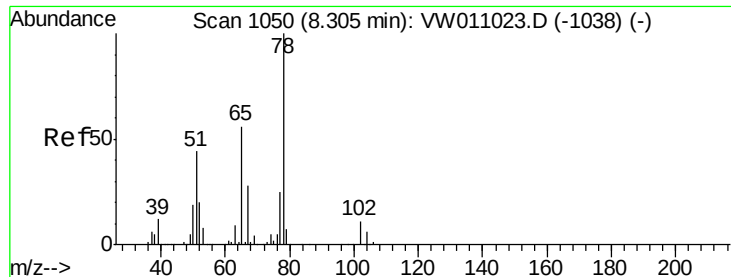
Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion:	97	Resp:	162151
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.1	76.7
61	51.1	41.4	62.2





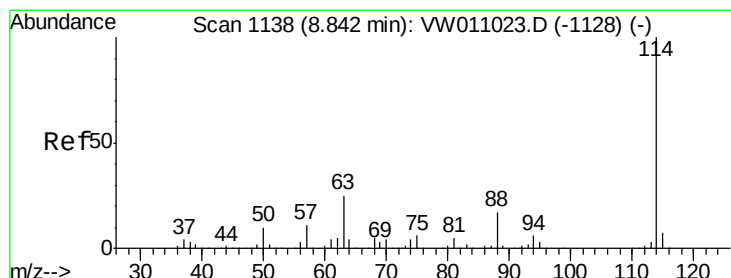
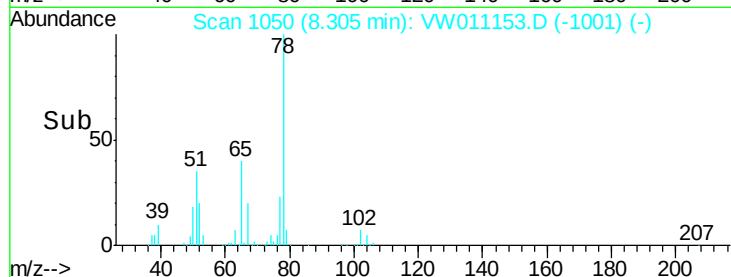
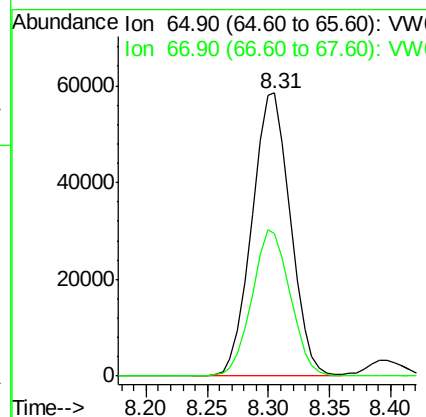
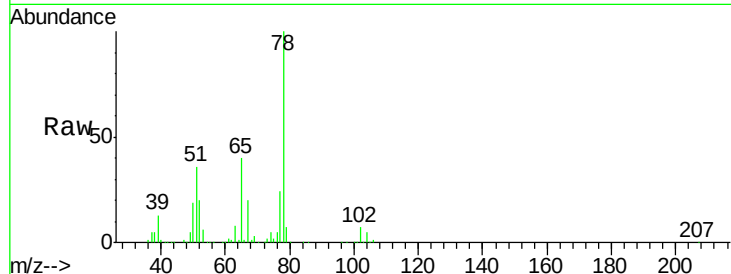
#33
 1,2-Dichloroethane-d4
 Concen: 46.294 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128505		
67	51.4	0.0	102.4	

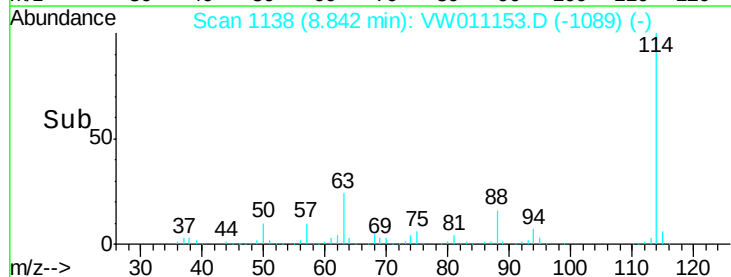
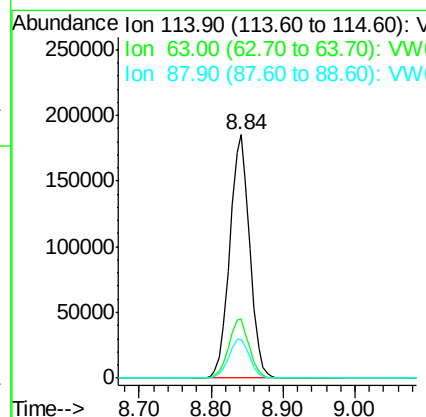
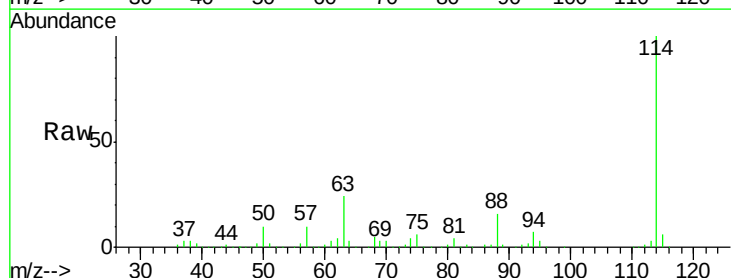
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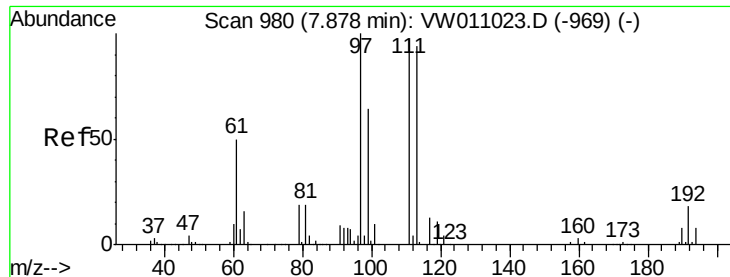
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	356352		
63	24.2	0.0	50.6	
88	15.8	0.0	34.0	





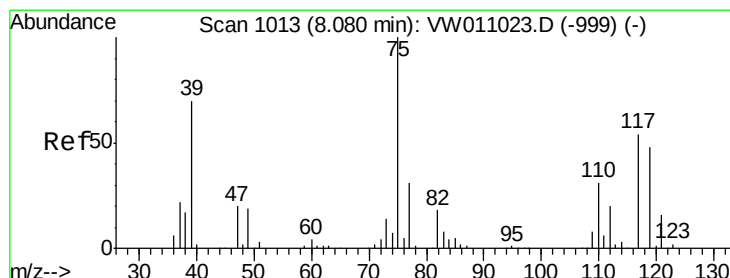
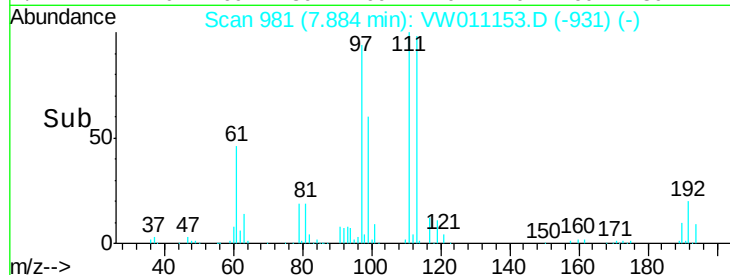
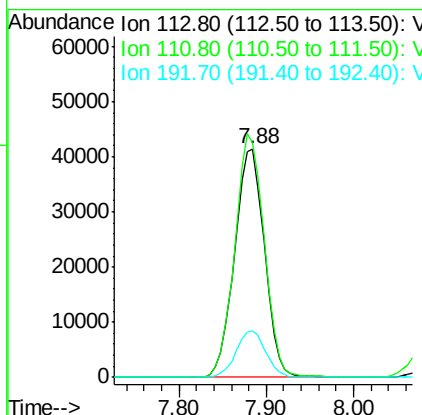
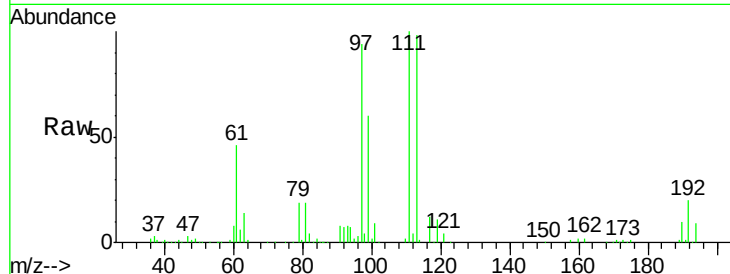
#35
 Dibromofluoromethane
 Concen: 45.321 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98619		
111	105.0	83.8	125.6	
192	20.1	16.0	24.0	

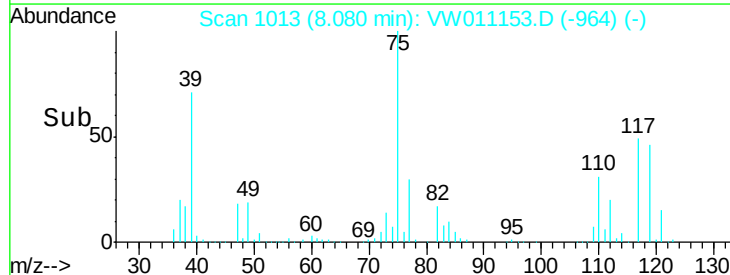
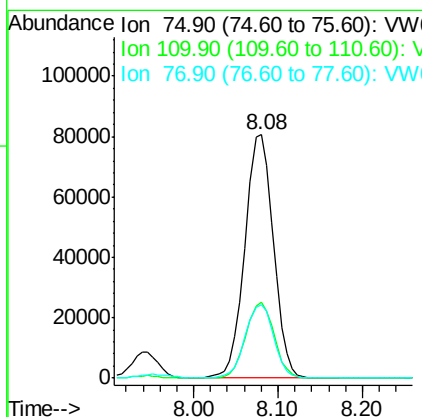
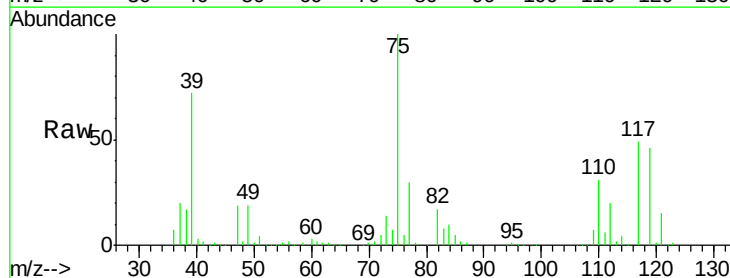
Manual Integrations
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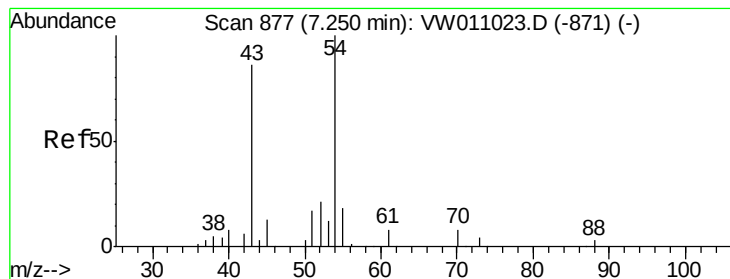
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#36
 1,1-Dichloropropene
 Concen: 48.183 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	184547		
110	30.9	15.5	46.5	
77	30.3	24.9	37.3	





#37

Ethyl Acetate

Concen: 54.133 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

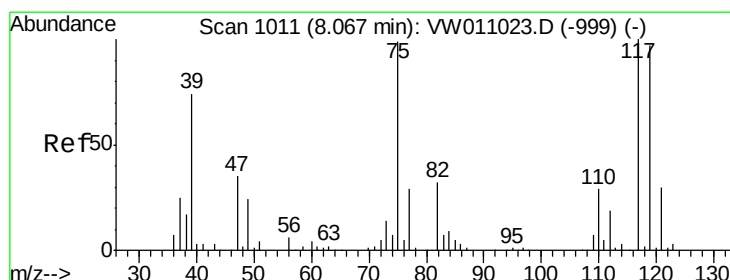
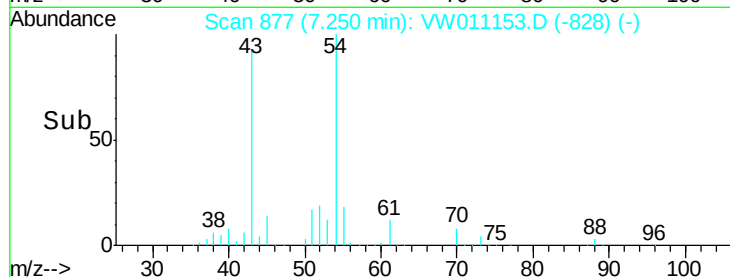
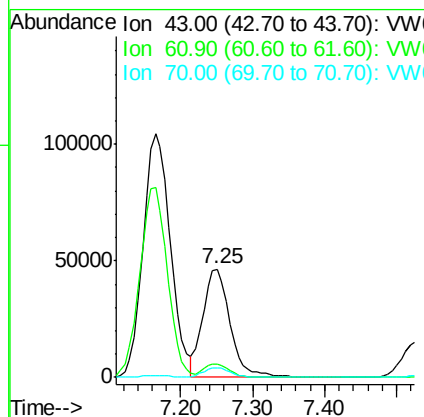
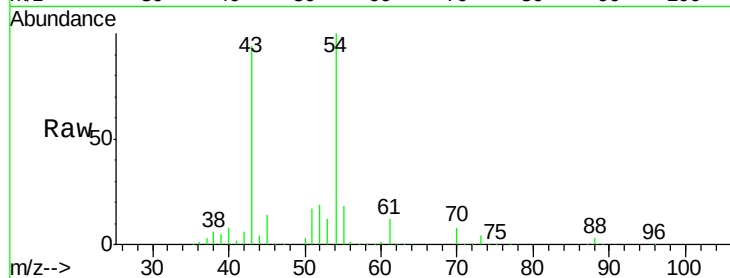
ClientSampled :

VSTDCCC050EC

Tot Ion:	43	Resp:	120617
Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.0	13.4
70	8.8	7.2	10.8

Manual Integrations
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7/8/2019 9:41:48 AM



#38

Carbon Tetrachloride

Concen: 47.779 ug/l

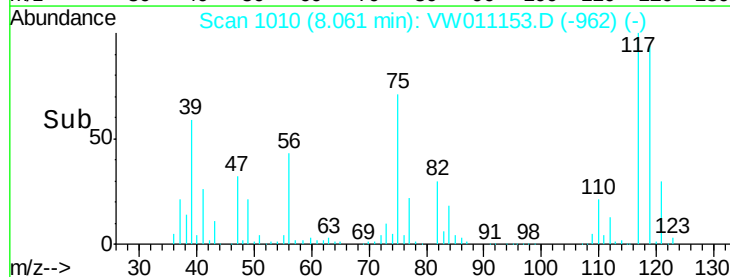
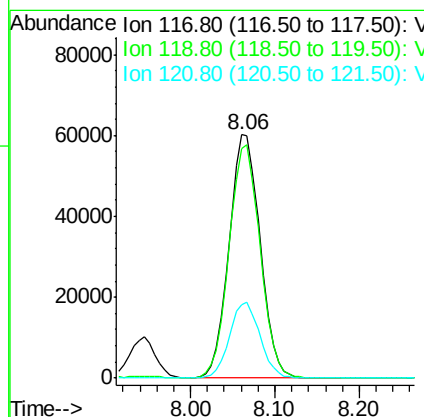
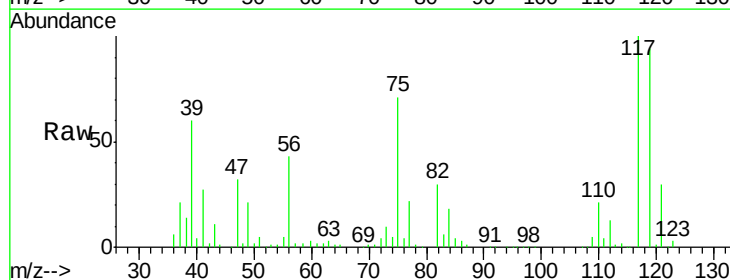
RT: 8.06 min Scan# 1010

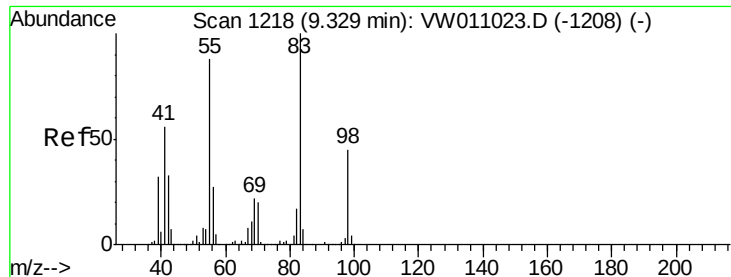
Delta R.T. -0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion:	117	Resp:	150705
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.7	116.5
121	29.9	23.9	35.9





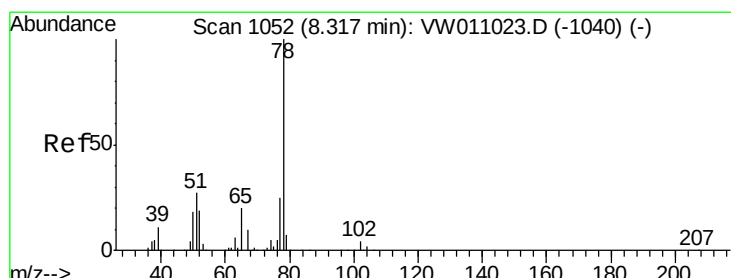
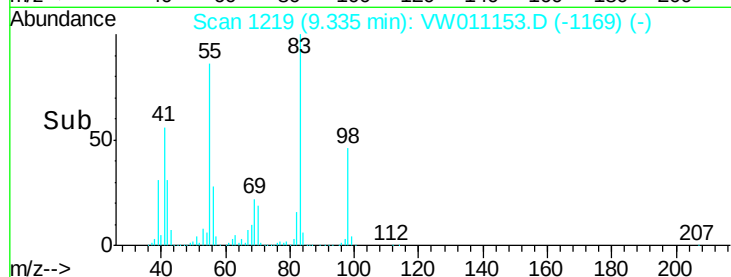
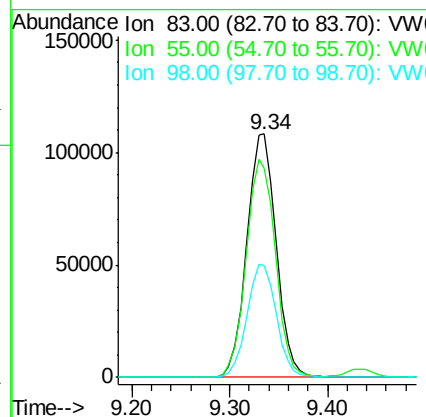
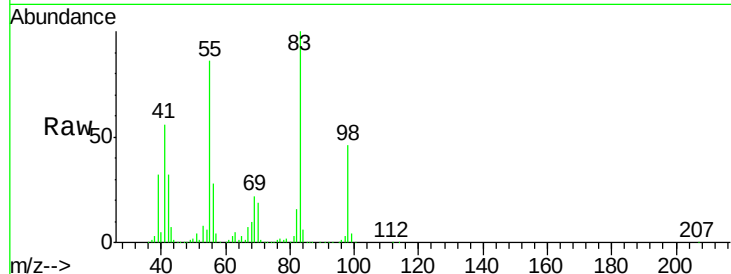
#39
Methylvlcyclohexane
Concen: 47.988 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.6	70.7	106.1
98	45.7	36.4	54.6

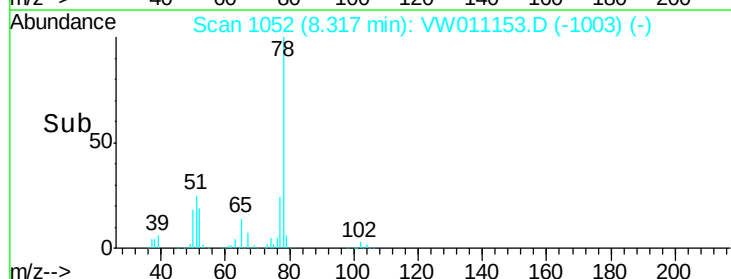
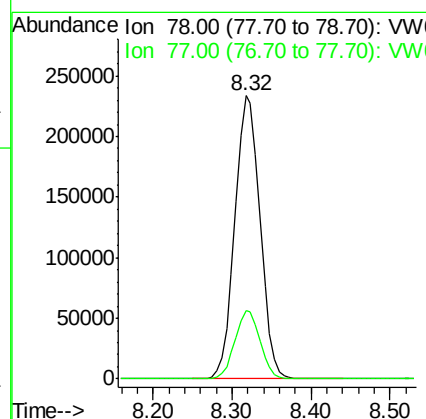
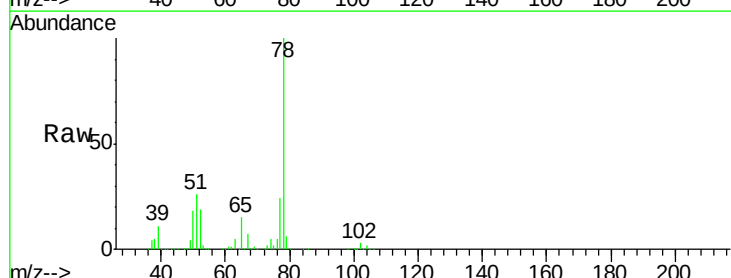
Manual Integrations
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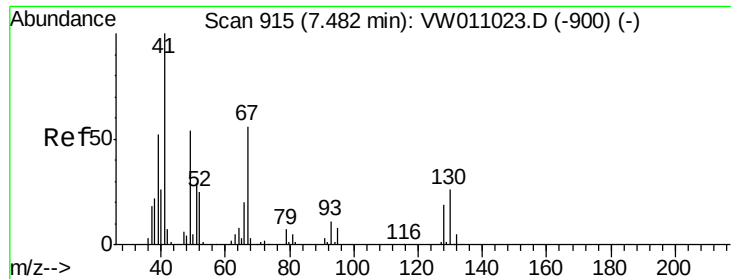
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#40
Benzene
Concen: 49.371 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.7	29.5





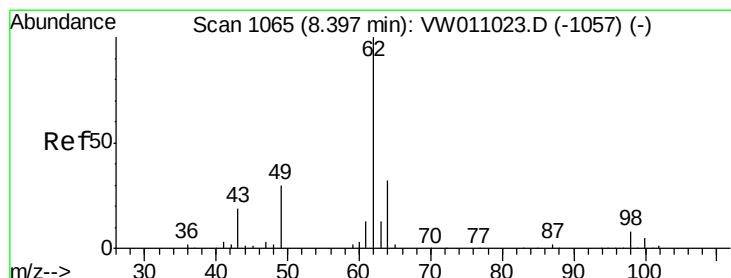
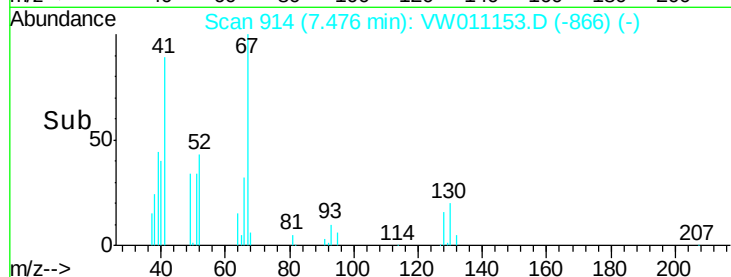
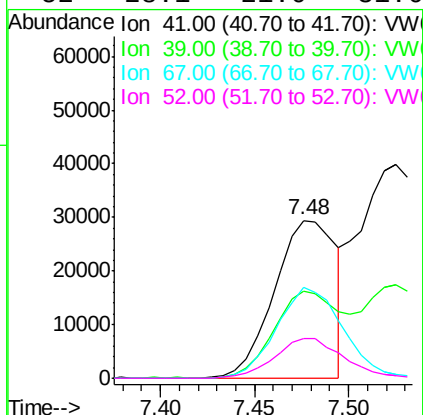
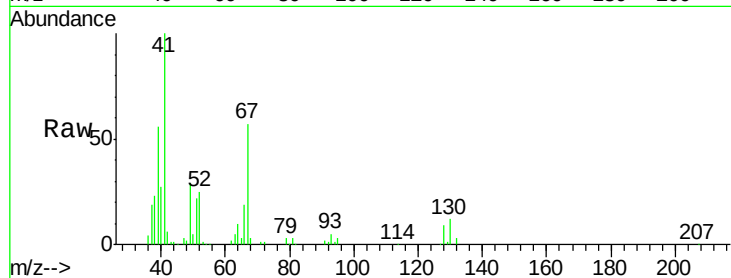
#41
Methacrylonitrile
Concen: 49.258 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.3	42.1	63.1	
67	63.0	44.2	66.2	
52	28.1	21.0	31.6	

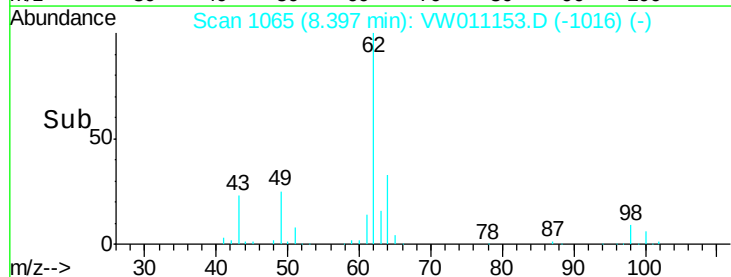
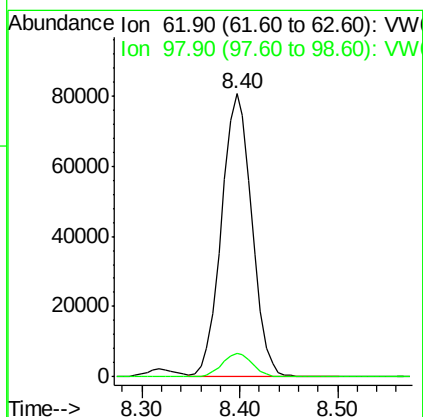
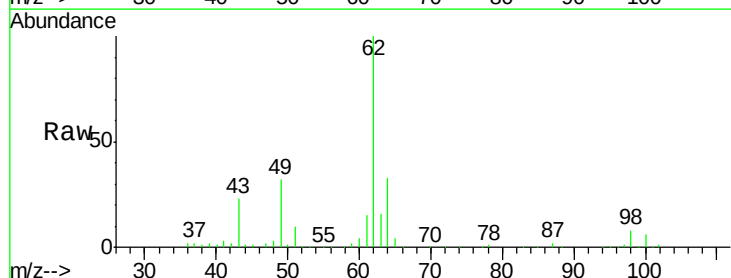
Manual Integrations
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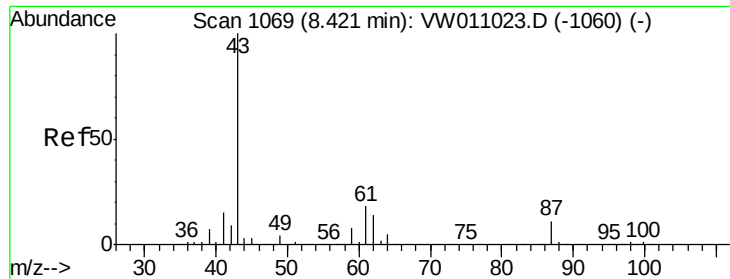
MMDadoda
7/8/2019 9:41:48 AM



#42
1,2-Dichloroethane
Concen: 50.217 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.8	





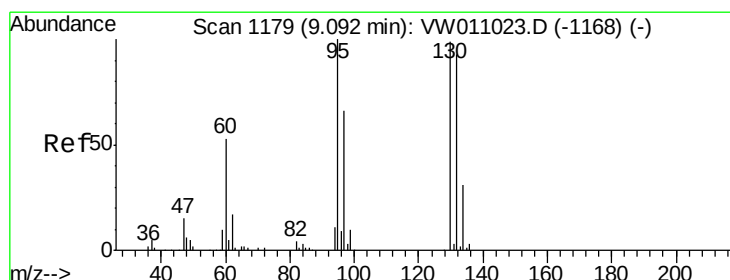
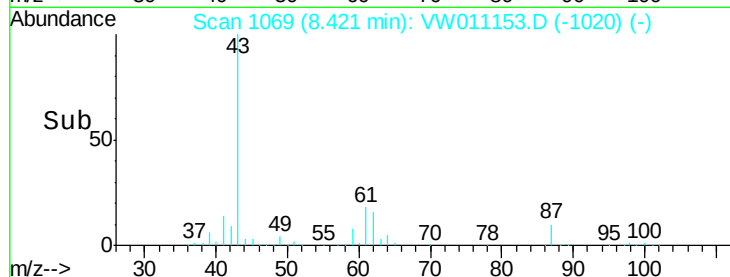
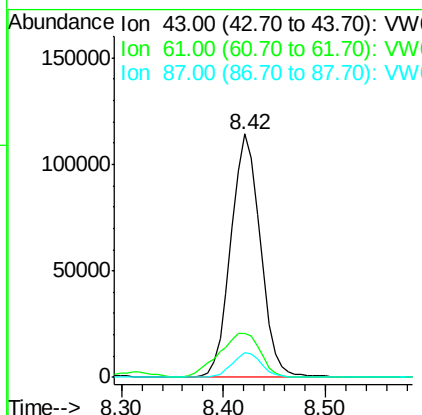
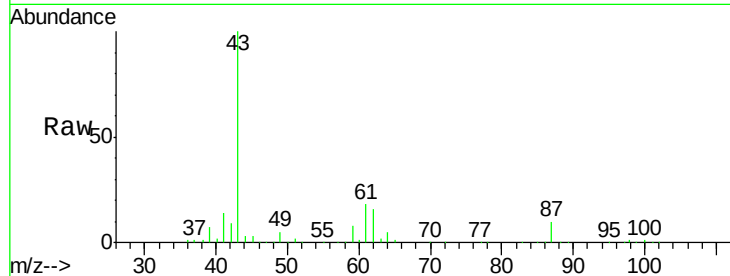
#43
Isopropyl Acetate
Concen: 54.115 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.8	21.0	31.6
87	10.0	8.2	12.4

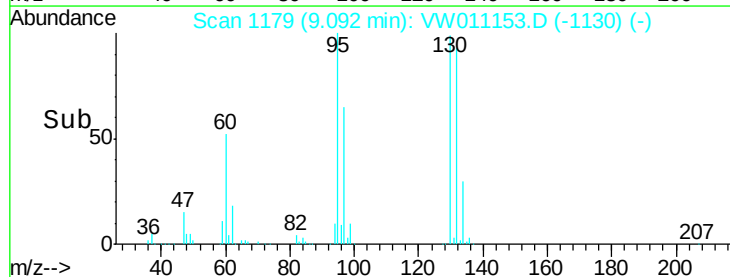
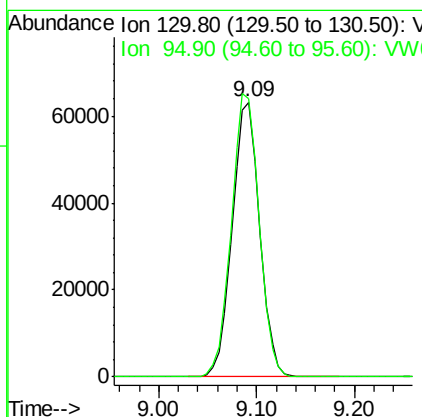
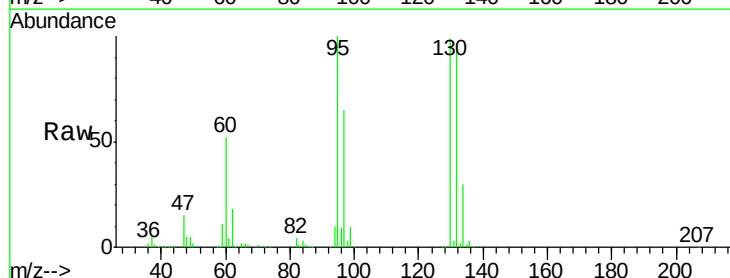
Manual Integrations
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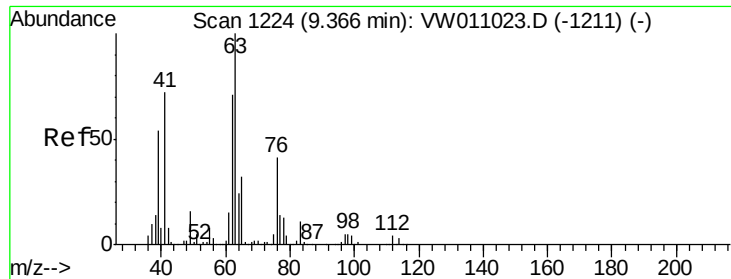
MMDadoda
7/8/2019 9:41:48 AM



#44
Trichloroethene
Concen: 48.331 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	202.0





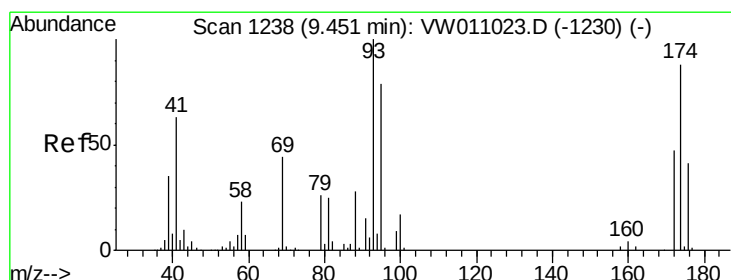
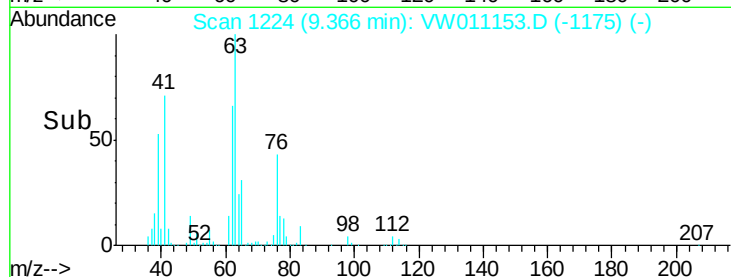
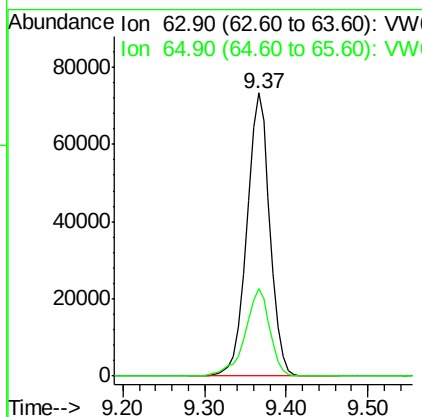
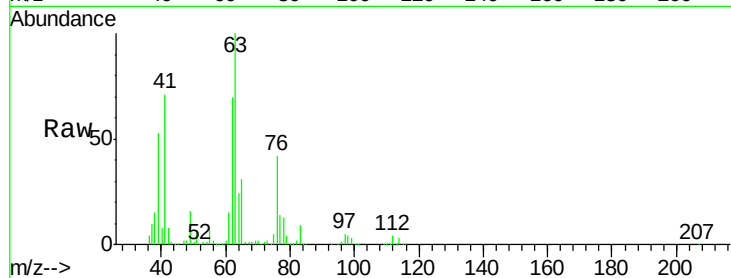
#45
 1,2-Dichloropropane
 Concen: 50.180 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.6	38.4

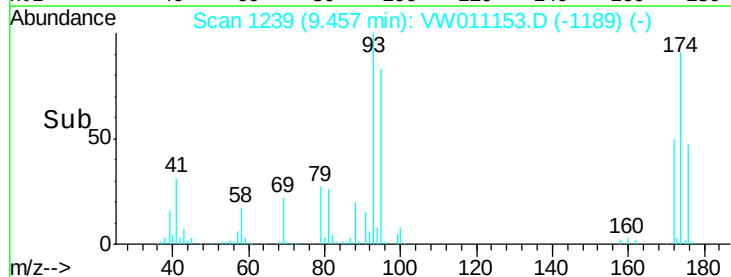
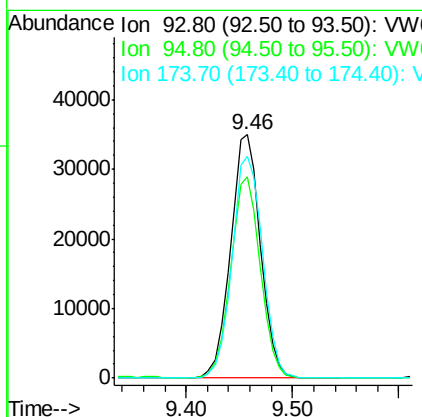
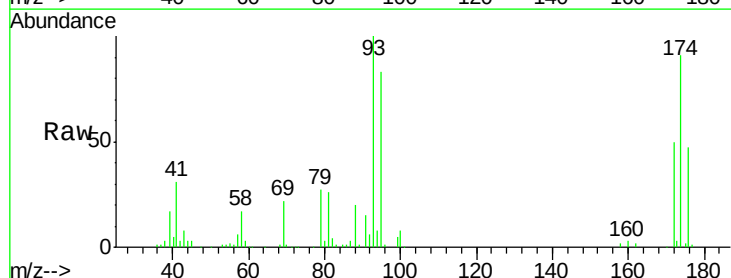
Manual Integrations
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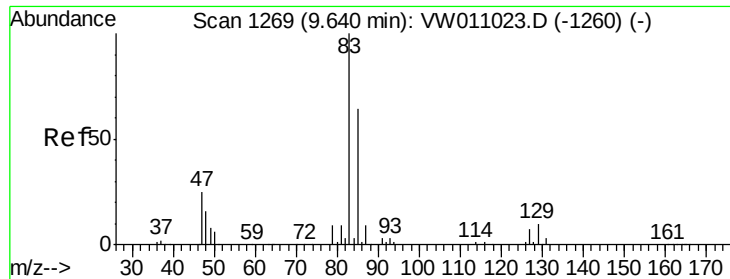
MMDadoda
 7/8/2019 9:41:48 AM



#46
 Dibromomethane
 Concen: 51.599 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.8	98.6
174	92.5	75.4	113.0





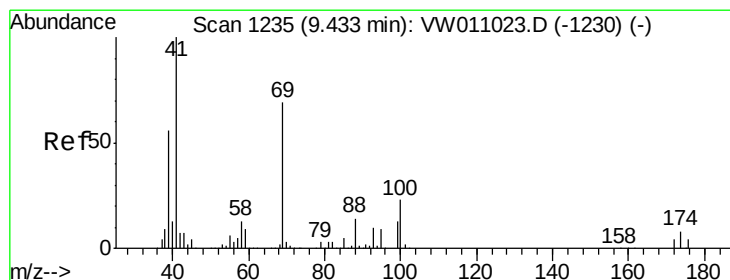
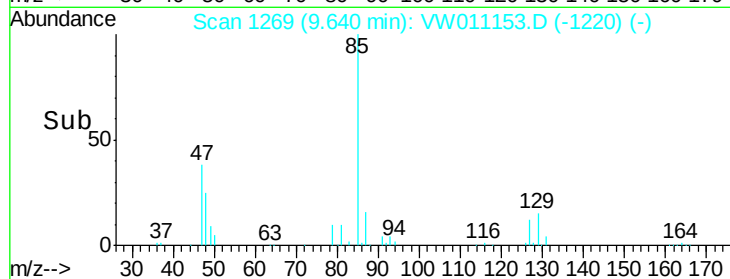
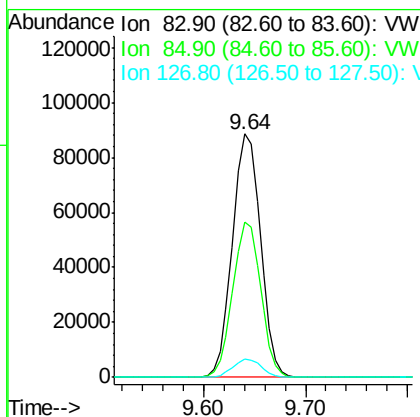
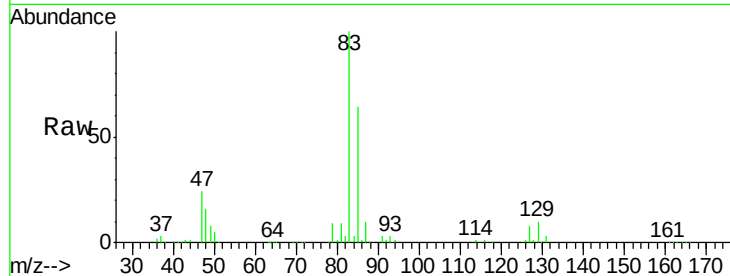
#47
Bromodichloromethane
Concen: 51.061 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	169142
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.0	76.4
127	7.7	5.8	8.8

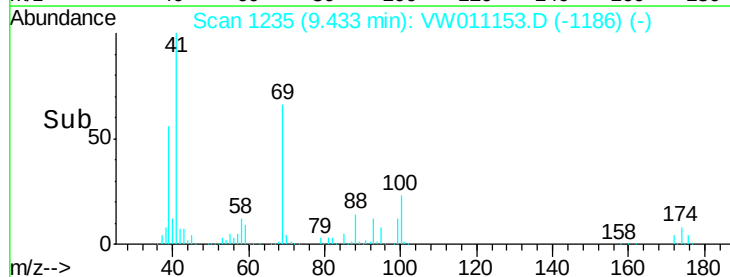
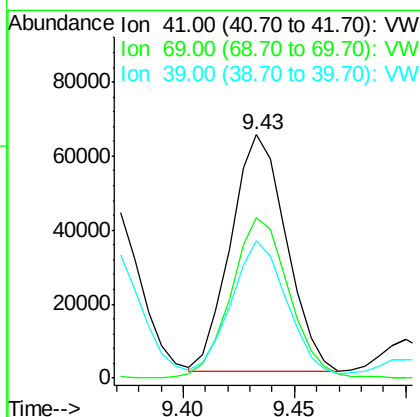
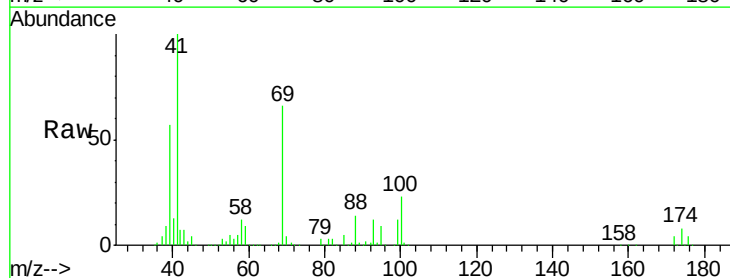
Manual Integrations
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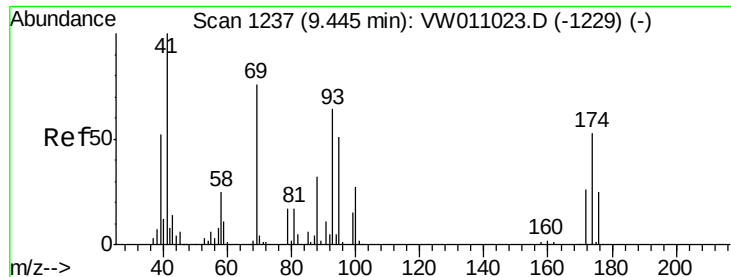
MMDadoda
7/8/2019 9:41:48 AM



#48
Methyl methacrylate
Concen: 54.212 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	41	Resp	110798
Ion Ratio	100	Lower	Upper
41	100		
69	70.8	56.7	85.1
39	55.1	45.0	67.6





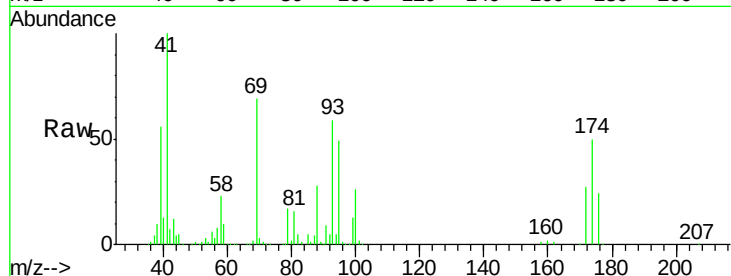
#49
1,4-Dioxane
Concen: 1092.169 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

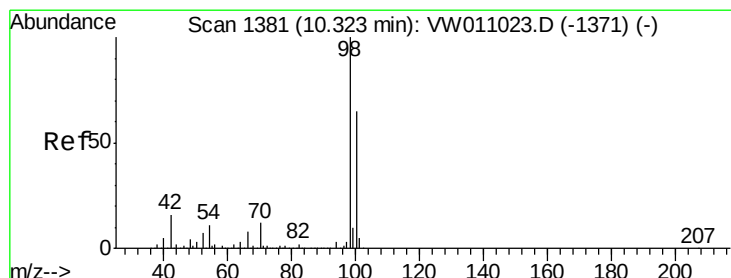
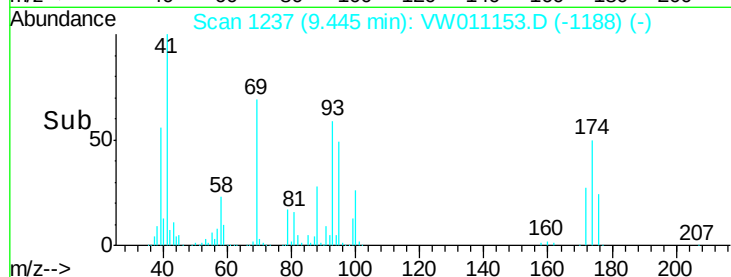
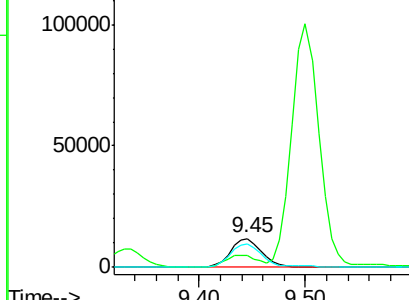
Tot Ion	Ratio	Lower	Upper
88	100		
43	42.7	34.4	51.6
58	86.1	65.2	97.8

Manual Integrations
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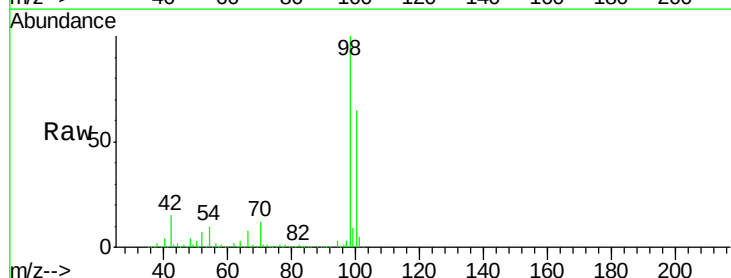


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

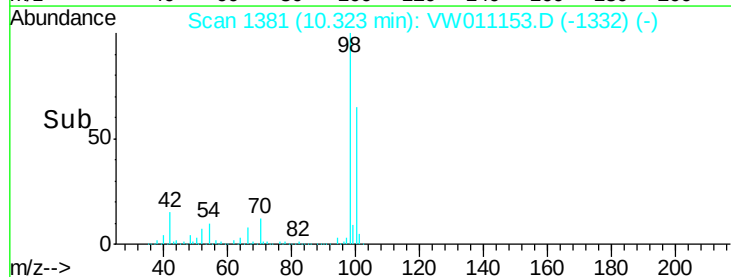
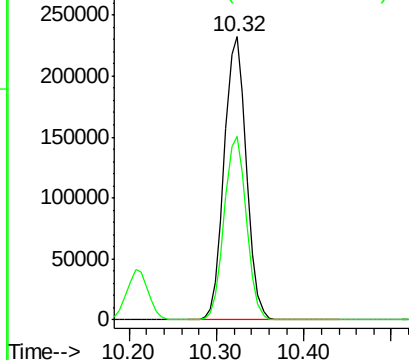


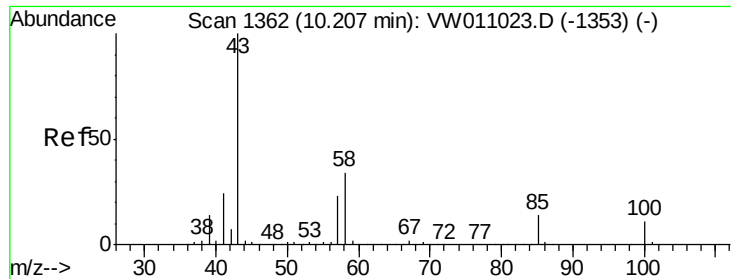
#50
Toluene-d8
Concen: 45.465 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





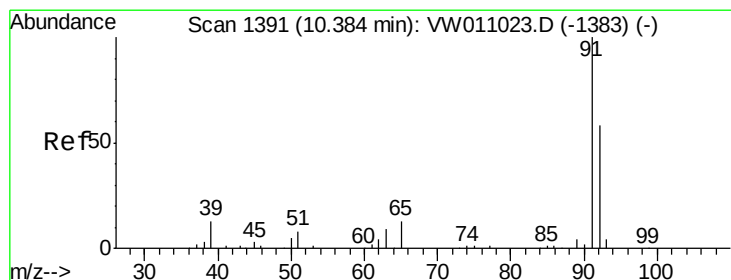
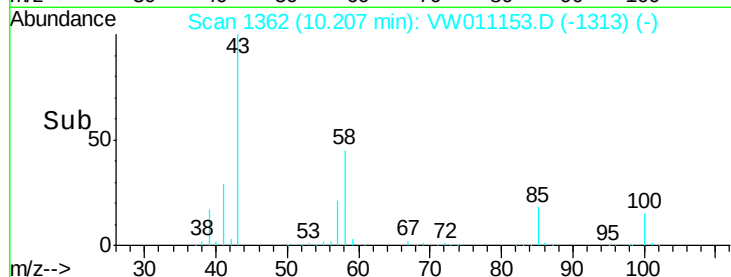
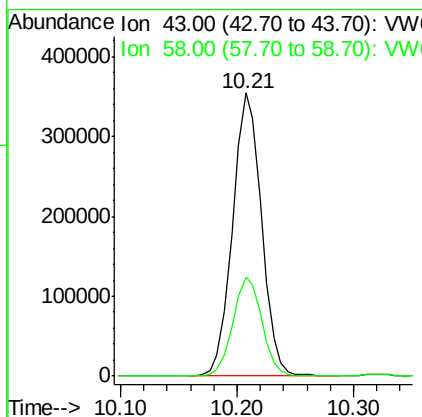
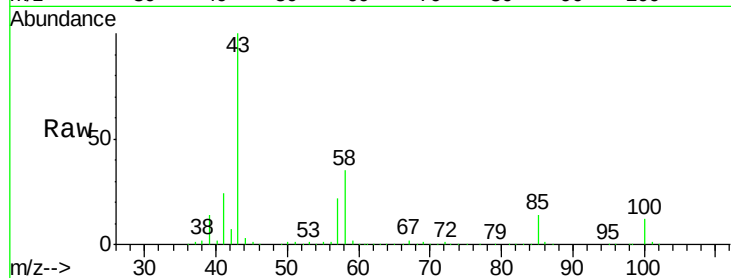
#51
4-Methyl-2-Pentanone
Concen: 276.559 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	35.1		27.8	41.6	

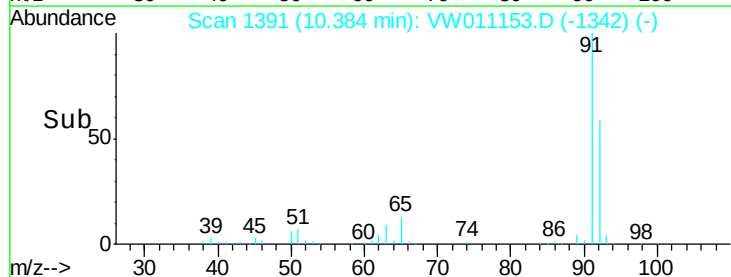
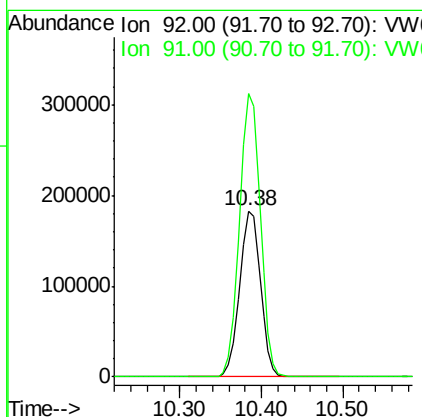
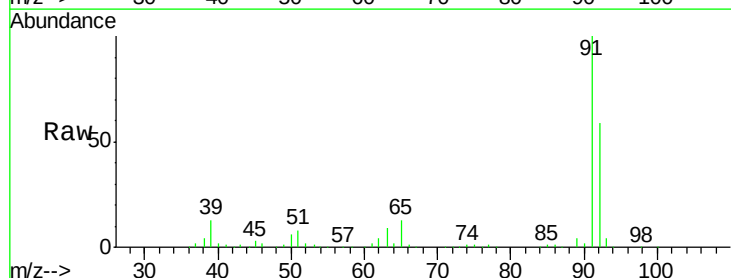
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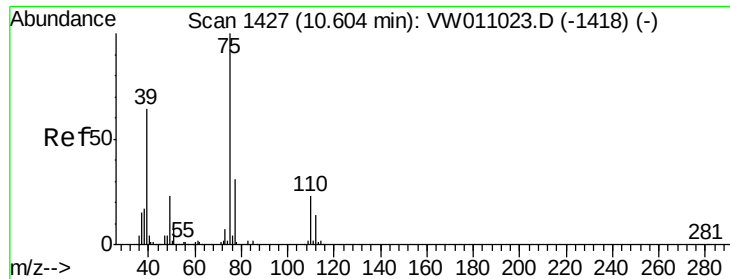
MMDadoda
7/8/2019 9:41:48 AM



#52
Toluene
Concen: 49.674 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	171.5		136.9	205.3	





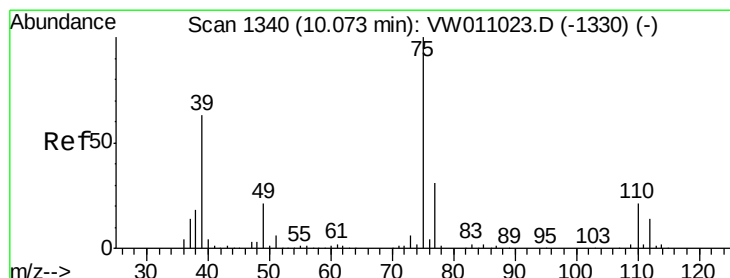
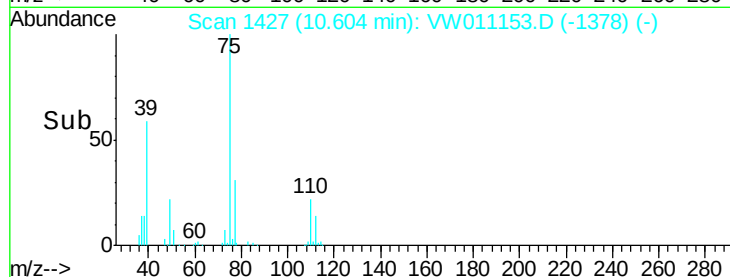
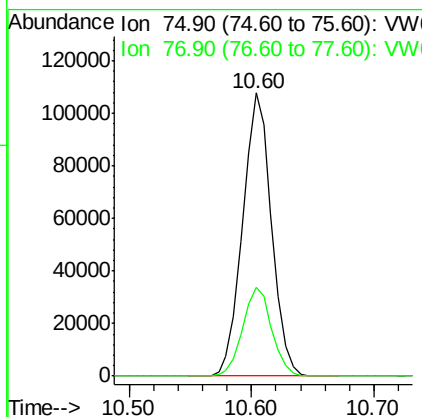
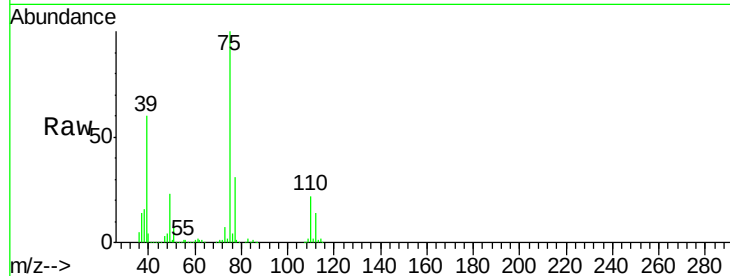
#53
t-1,3-Dichloropropene
Concen: 51.104 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 176324
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0

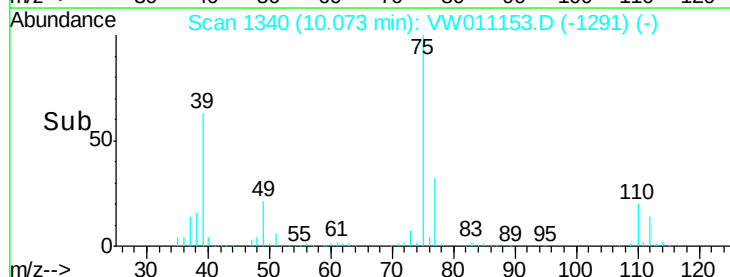
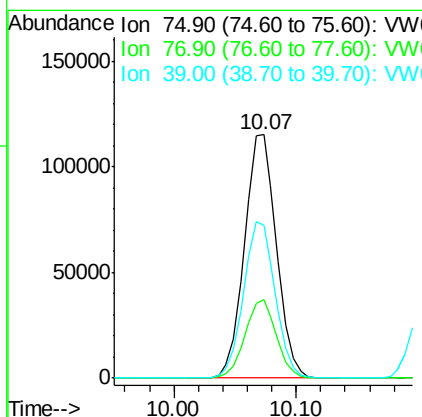
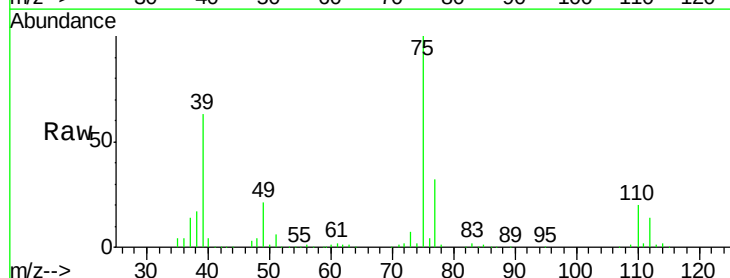
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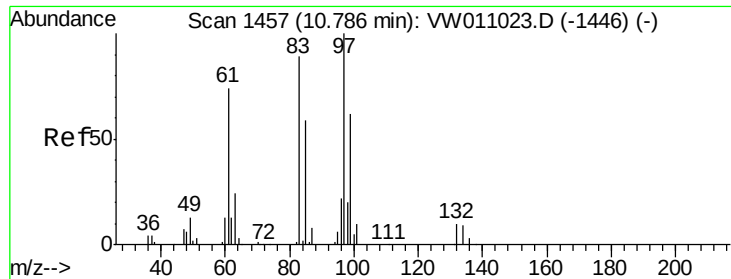
MMDadoda
7/8/2019 9:41:48 AM



#54
cis-1,3-Dichloropropene
Concen: 50.881 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 75 Resp: 209418
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 62.9 50.0 75.0





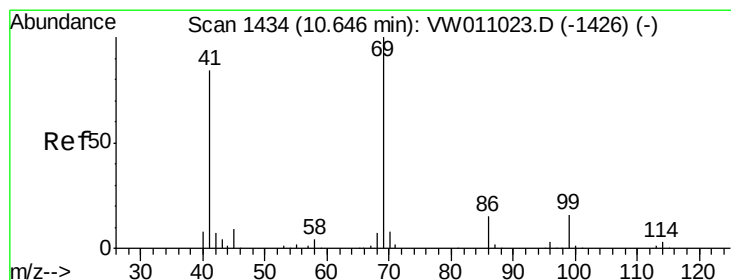
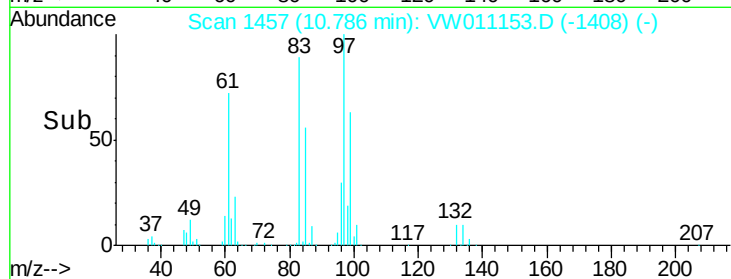
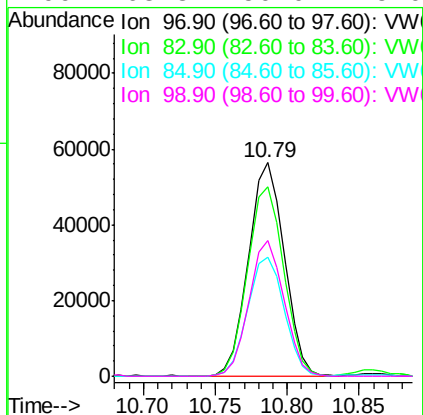
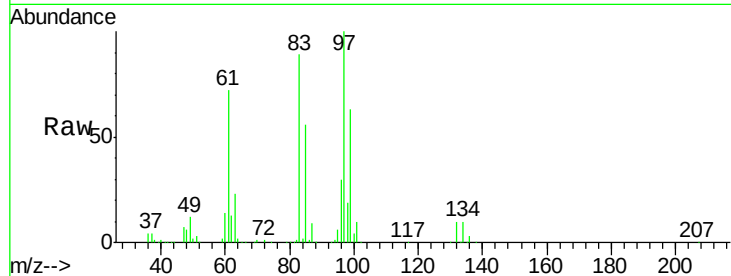
#55
 1,1,2-Trichloroethane
 Concen: 51.381 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	97123
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.9	106.3
85	55.7	47.2	70.8
99	63.3	50.0	75.0

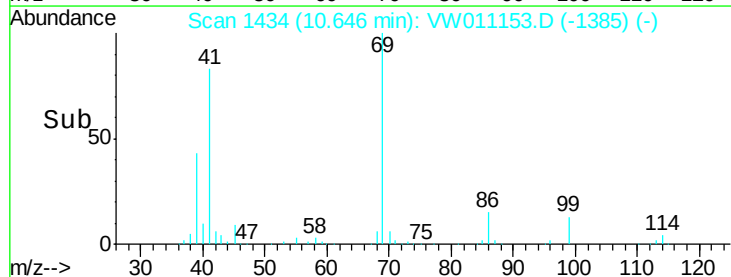
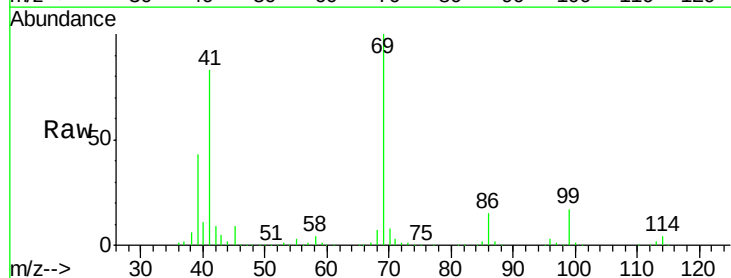
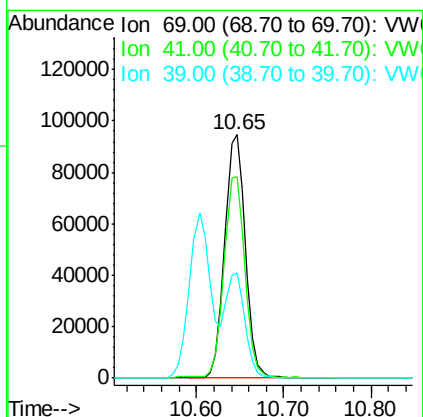
Manual Integrations
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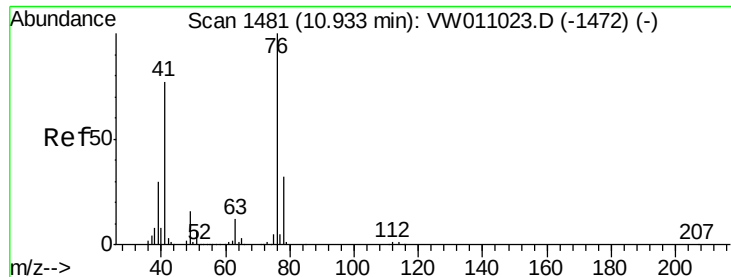
MMDadoda
 7/8/2019 9:41:48 AM



#56
 Ethyl methacrylate
 Concen: 54.850 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion:	69	Resp:	155256
Ion	Ratio	Lower	Upper
69	100		
41	84.0	67.9	101.9
39	39.0	33.2	49.8





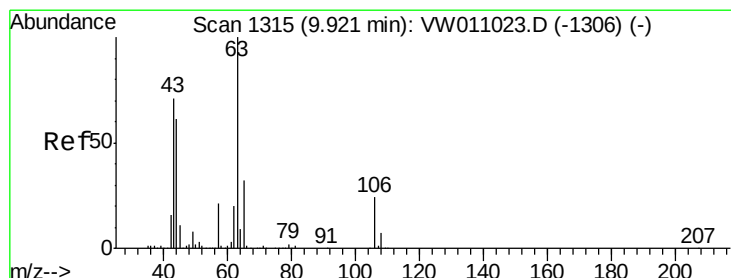
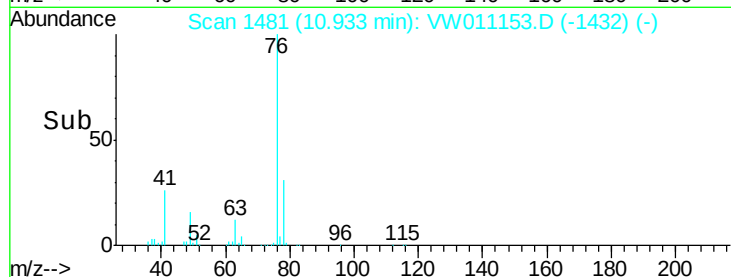
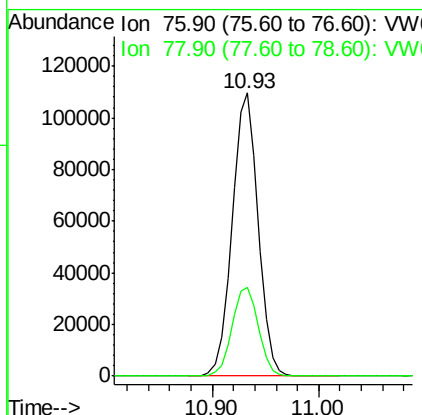
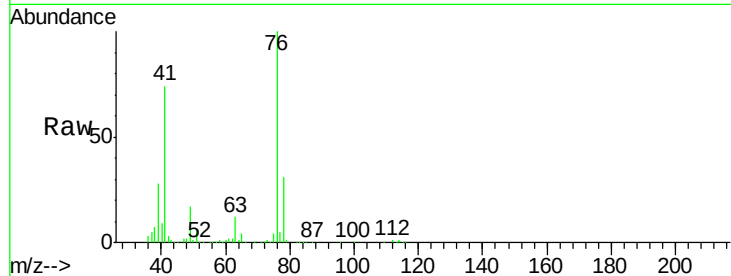
#57
 1,3-Dichloropropane
 Concen: 51.928 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

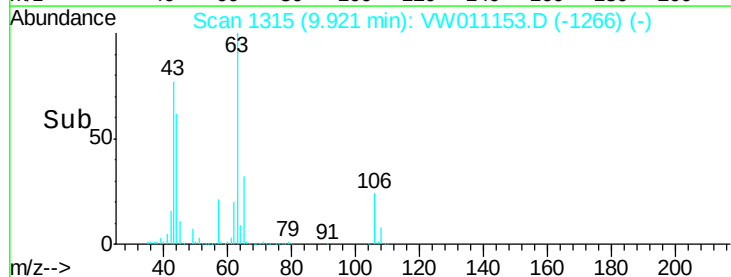
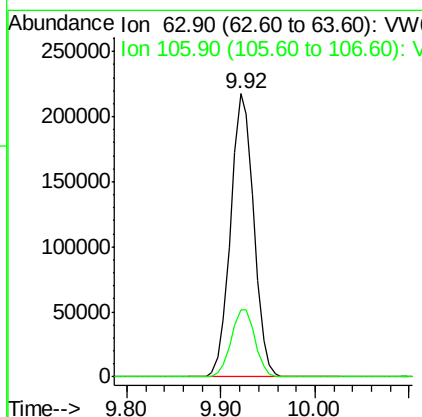
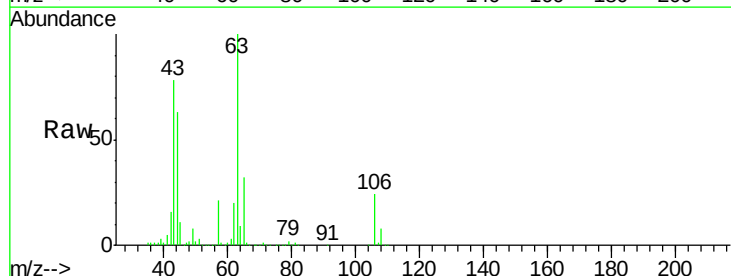
Manual Integrations
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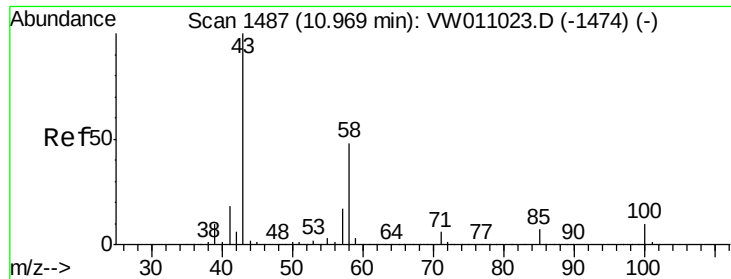
MMDadoda
 7/8/2019 9:41:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.011 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.5	19.4	29.0





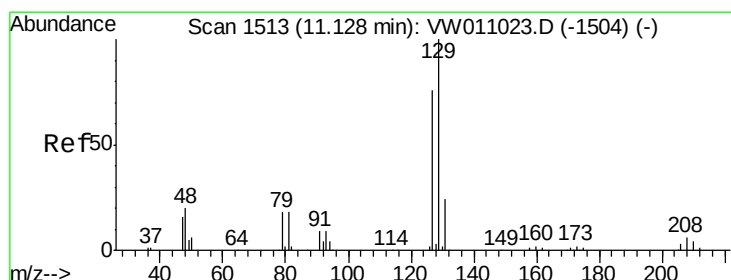
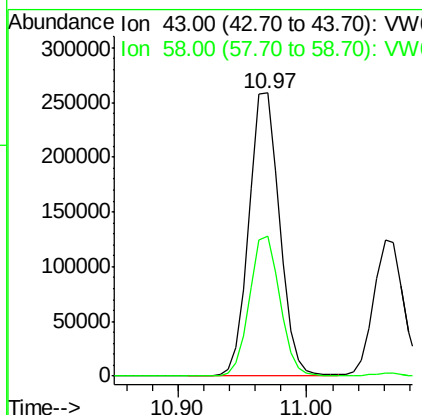
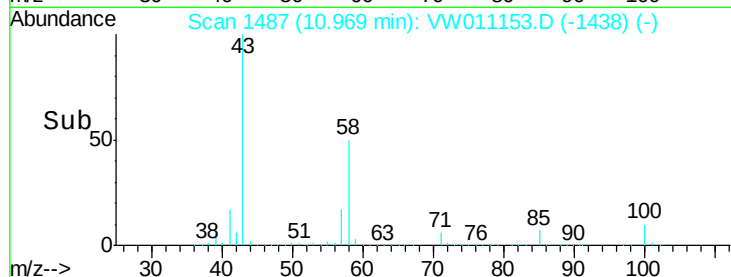
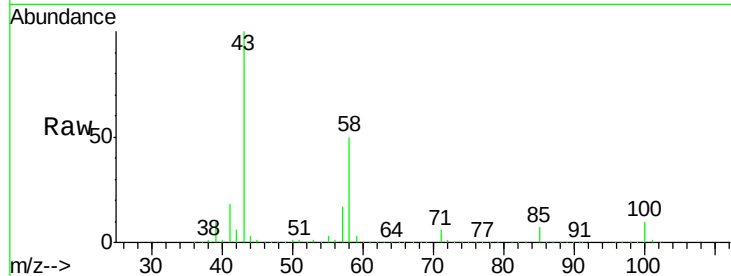
#59
2-Hexanone
Concen: 274.115 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 424143
Ion Ratio Lower Upper
43 100
58 49.3 23.8 71.5

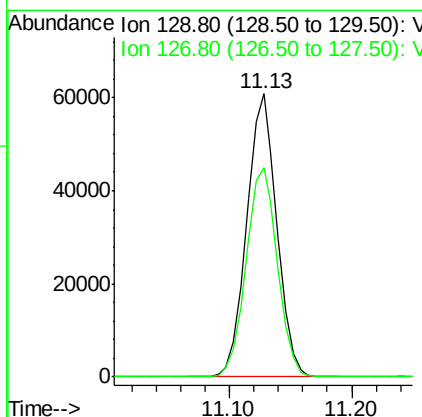
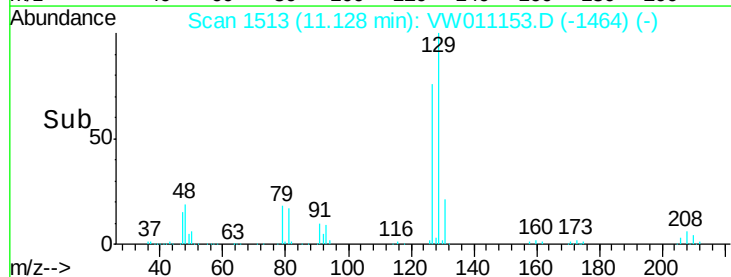
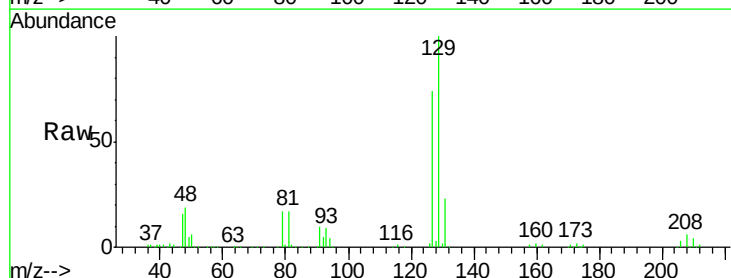
Manual Integrations
APPROVED

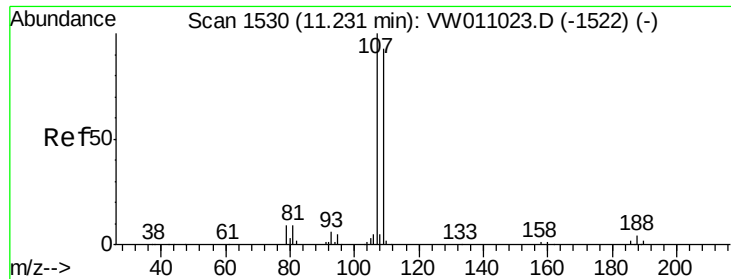
MMDadoda
7/8/2019 9:41:48 AM



#60
Dibromochloromethane
Concen: 52.363 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 129 Resp: 103793
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.1





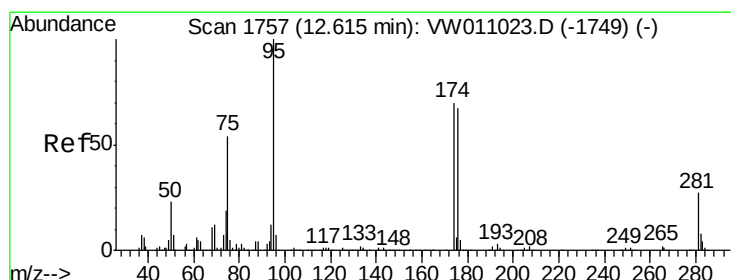
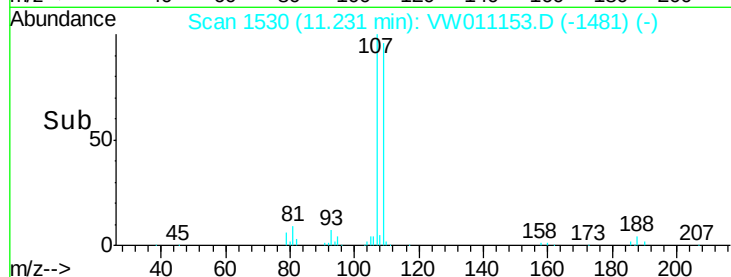
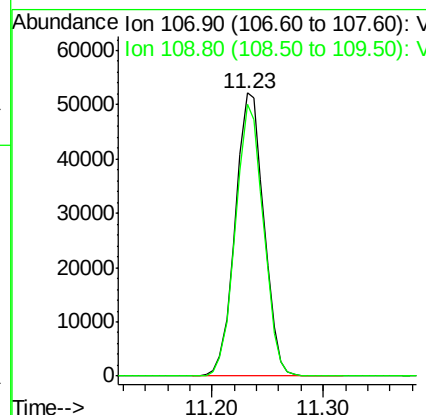
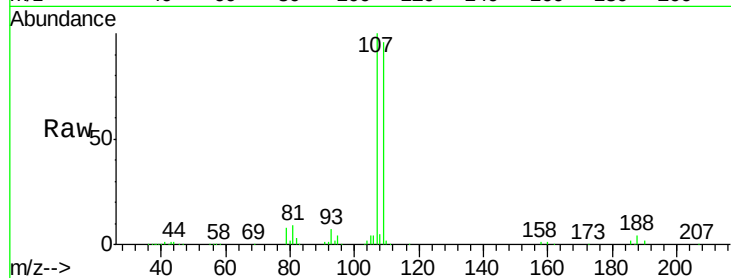
#61
 1,2-Dibromoethane
 Concen: 52.378 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 92687
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7

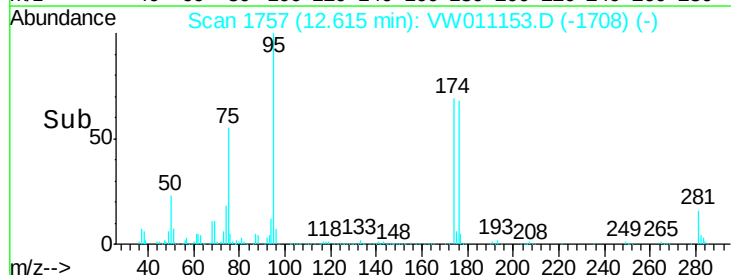
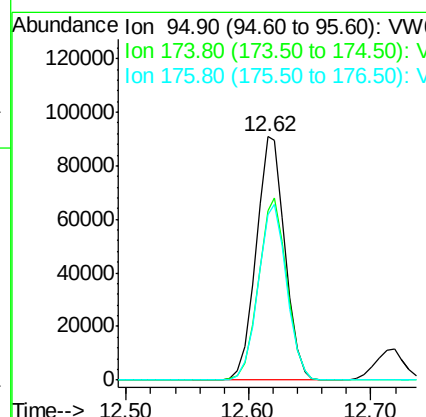
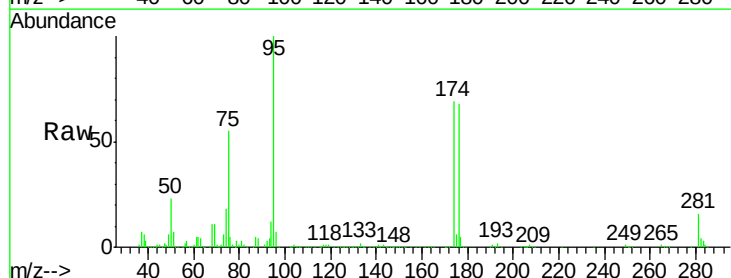
Manual Integrations
 APPROVED

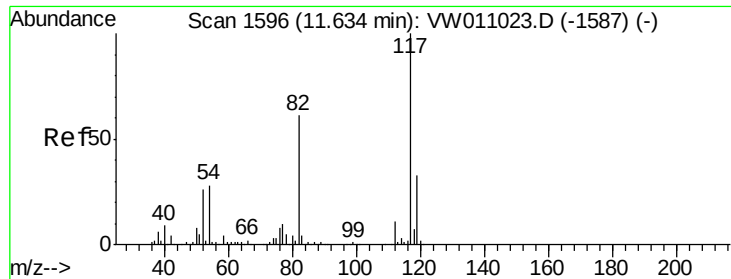
MMDadoda
 7/8/2019 9:41:48 AM



#62
 4-Bromofluorobenzene
 Concen: 45.375 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 95 Resp: 148651
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 149.2
 176 71.2 0.0 143.6





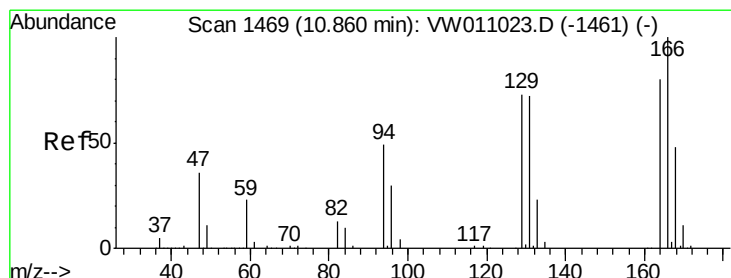
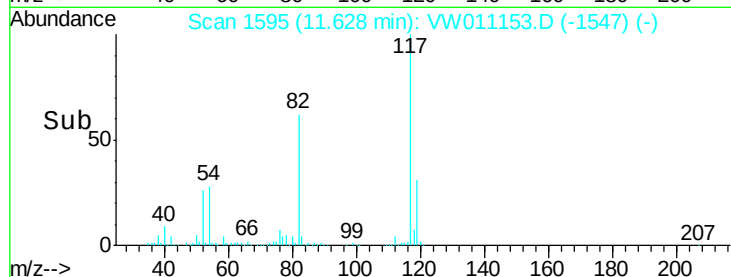
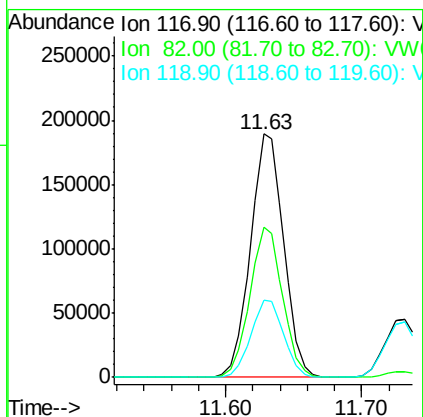
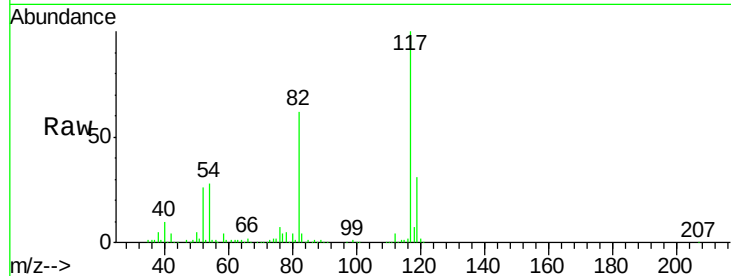
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.8	48.6	73.0
119	31.5	26.1	39.1

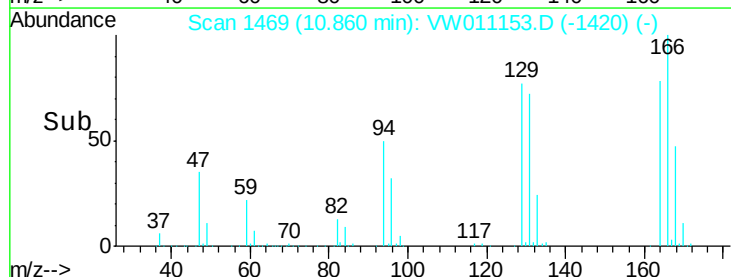
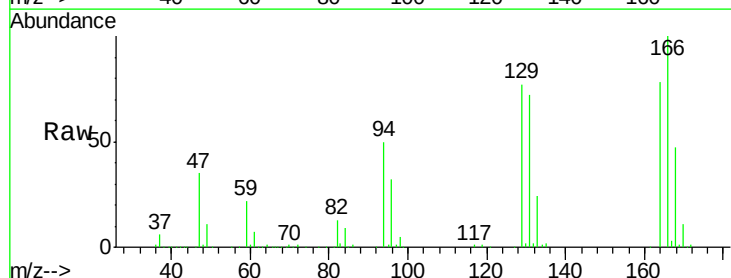
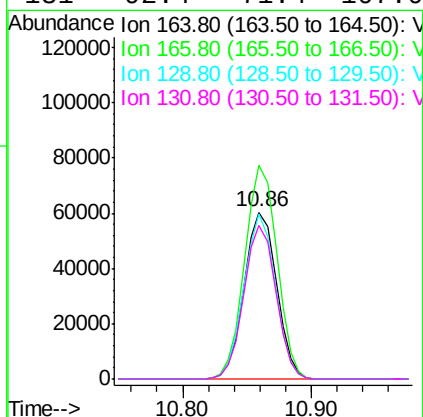
Manual Integrations
APPROVED

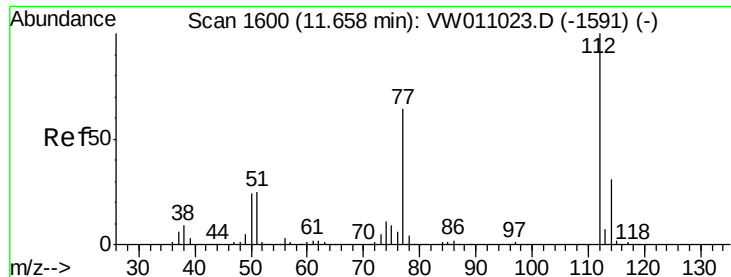
MMDadoda
7/8/2019 9:41:48 AM



#64
Tetrachloroethene
Concen: 47.234 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.8	149.6
129	99.2	73.0	109.4
131	92.4	71.4	107.0





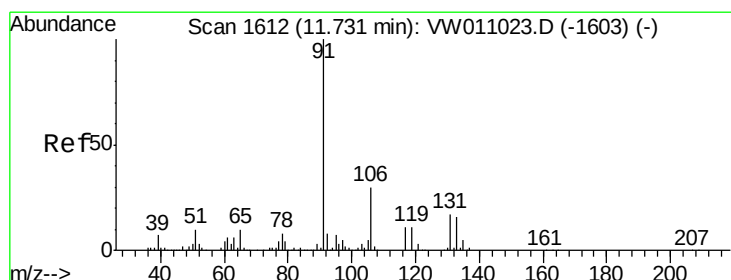
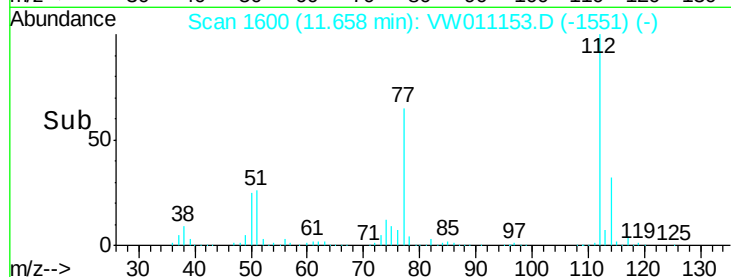
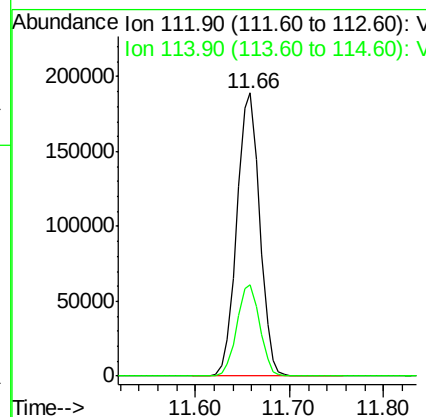
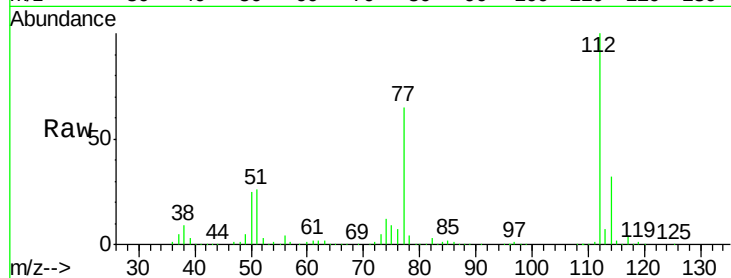
#65
Chlorobenzene
Concen: 48.021 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 317943
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8

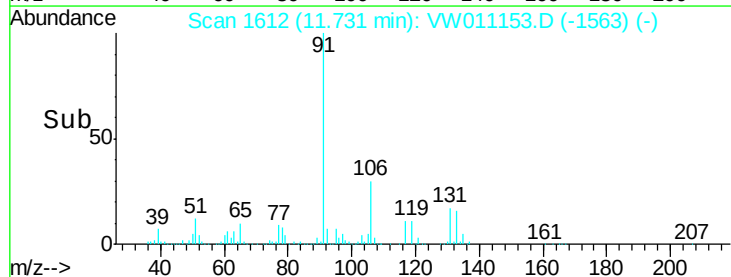
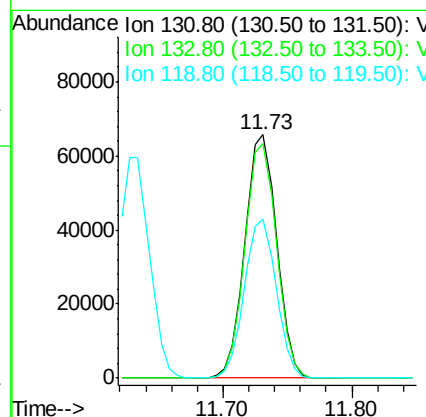
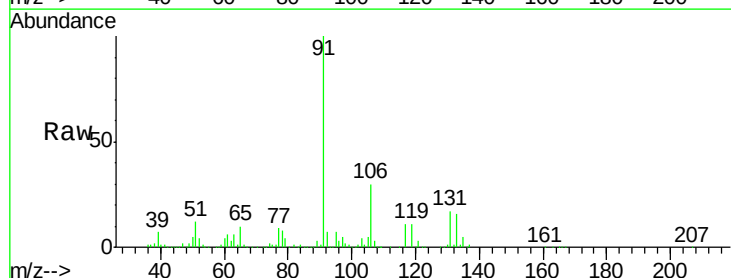
Manual Integrations
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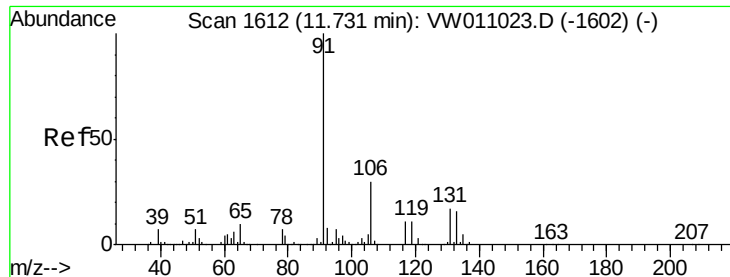
MMDadoda
7/8/2019 9:41:48 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.923 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion:131 Resp: 112224
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 65.8 33.1 99.2





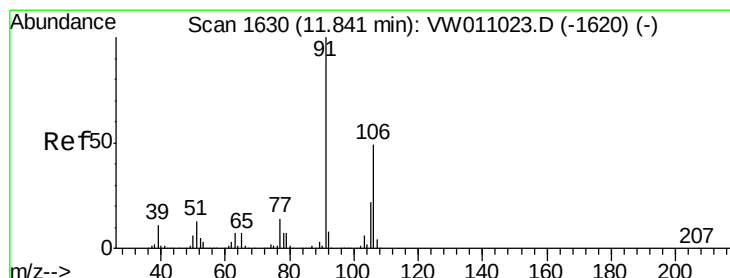
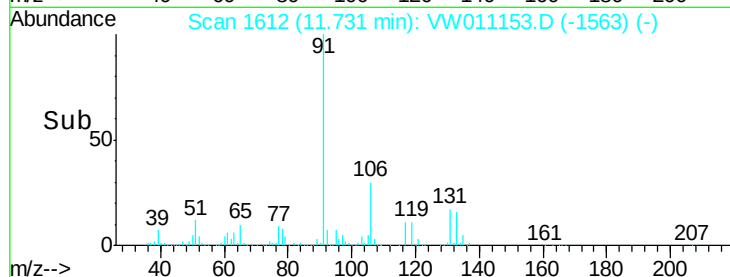
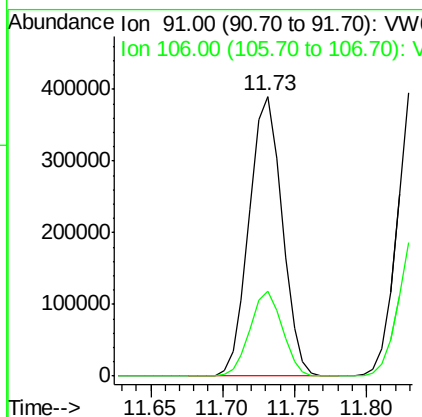
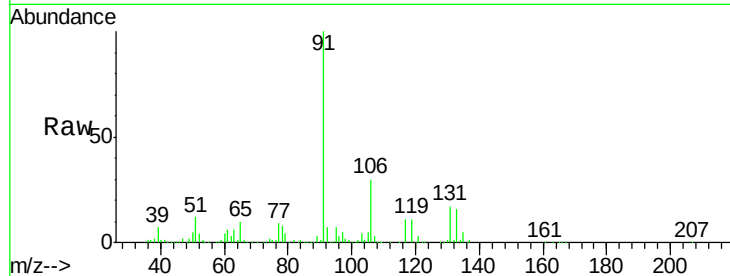
#67
Ethyl Benzene
Concen: 48.871 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 619742
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

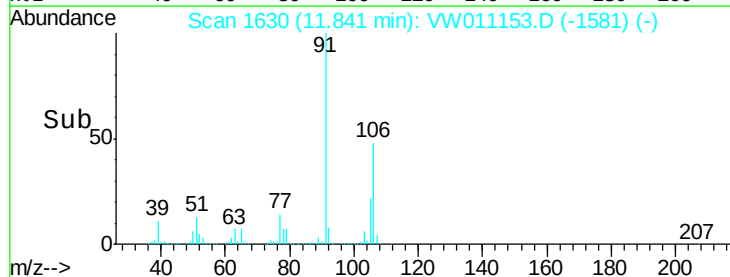
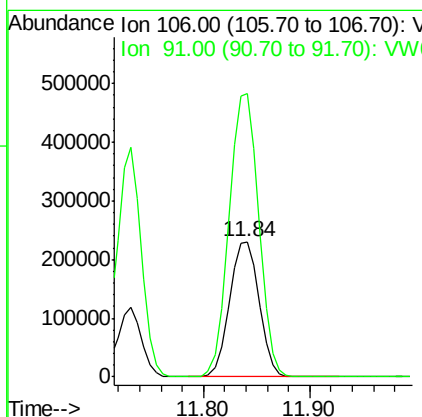
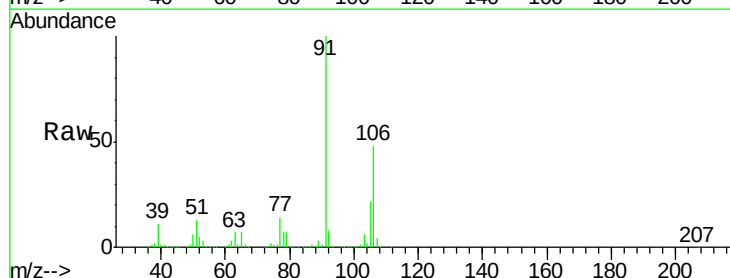
Manual Integrations
APPROVED

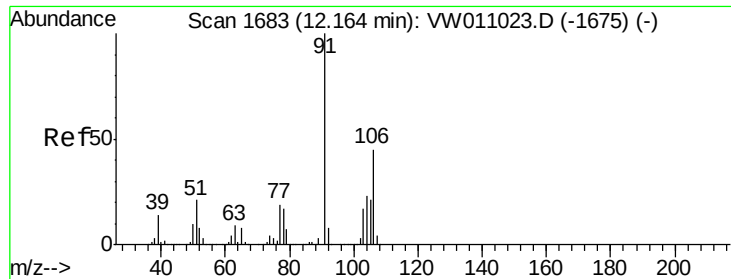
MMDadoda
7/8/2019 9:41:48 AM



#68
m/p-Xylenes
Concen: 97.347 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 106 Resp: 447943
Ion Ratio Lower Upper
106 100
91 210.6 167.5 251.3





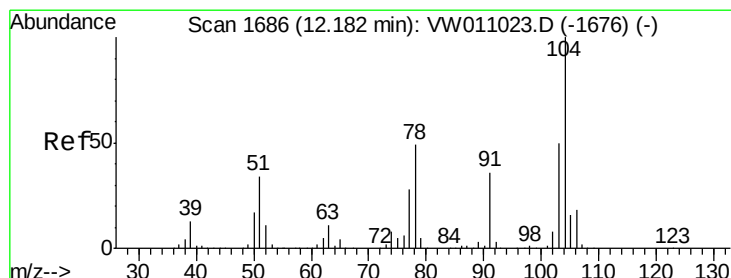
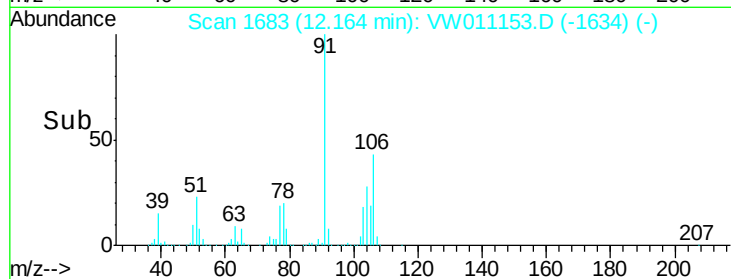
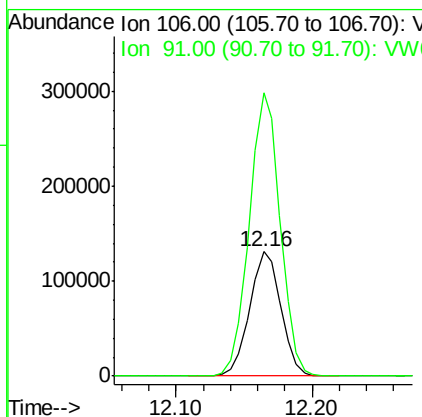
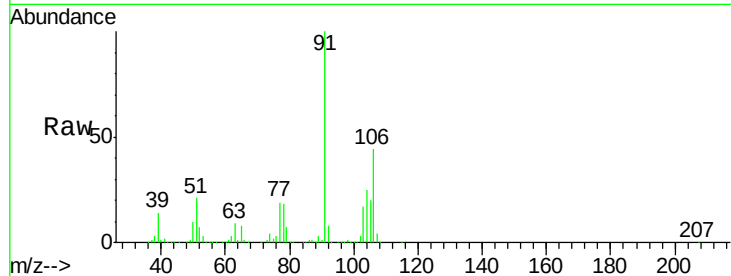
#69
o-Xylene
Concen: 49.232 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		211008		
91	224.9	110.8	332.3		

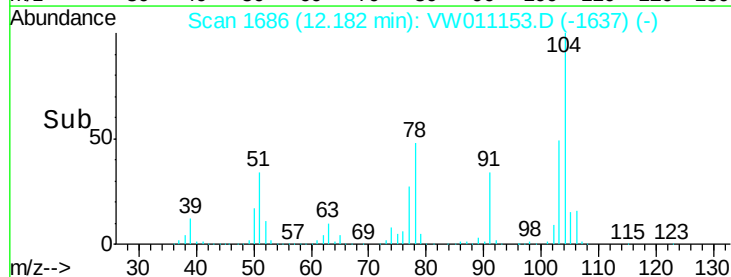
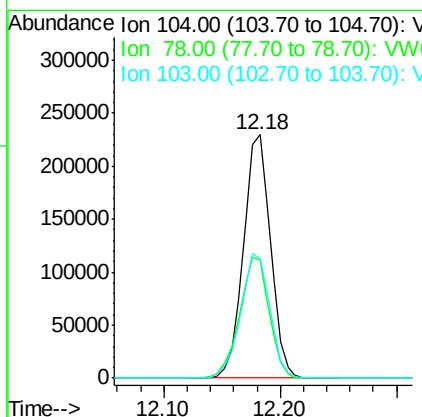
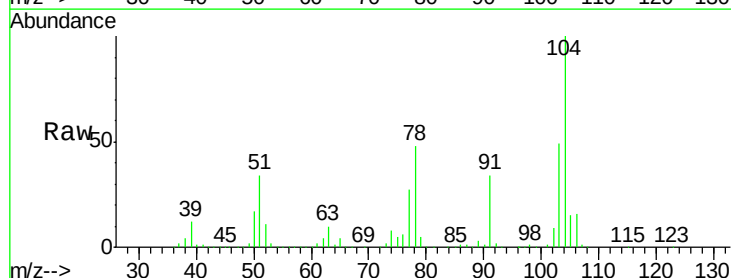
Manual Integrations
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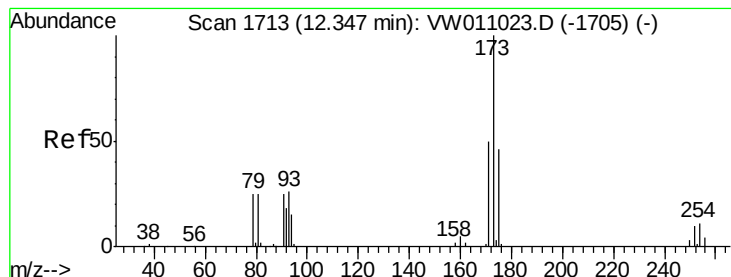
MMDadoda
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#70
Styrene
Concen: 50.251 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		374259		
78	54.0	43.7	65.5		
103	55.0	43.9	65.9		





#71

Bromoform

Concen: 53.224 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 58328

Ion Ratio Lower Upper

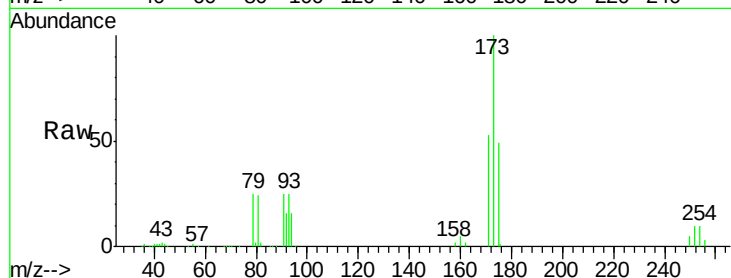
173 100

175 48.2 24.1 72.2

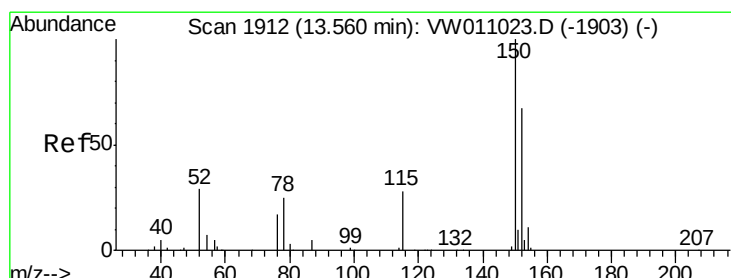
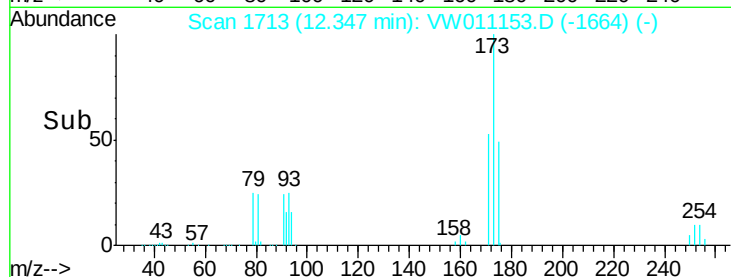
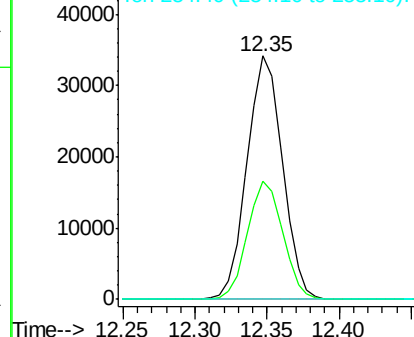
254 0.0 0.0 0.0

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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: VW011153.D

Acq: 03 Jul 2019 21:11

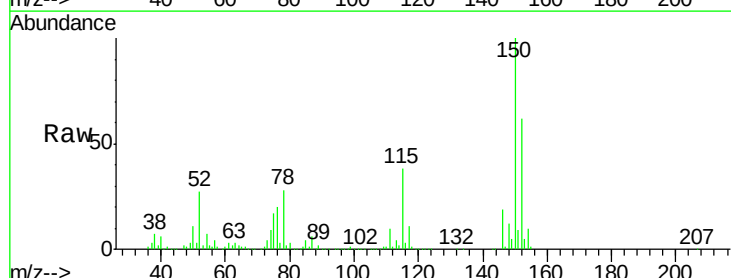
Tgt Ion:152 Resp: 157367

Ion Ratio Lower Upper

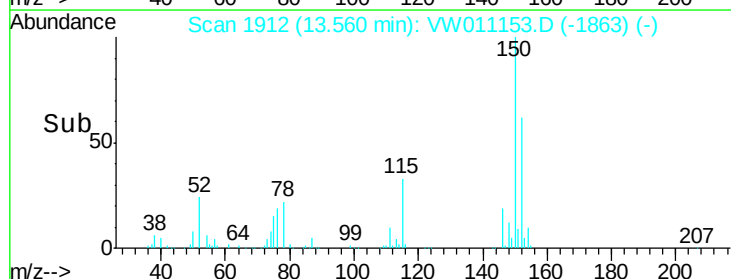
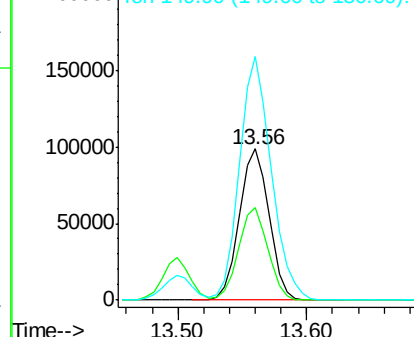
152 100

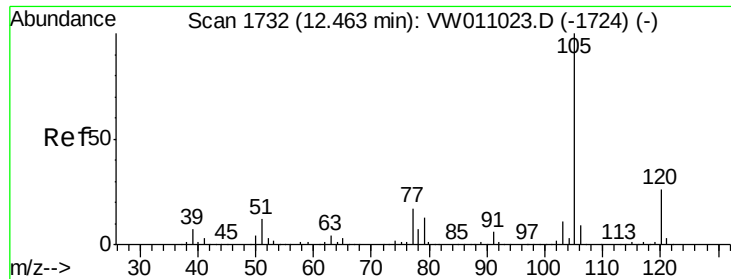
115 60.6 30.7 92.1

150 172.7 0.0 341.8



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





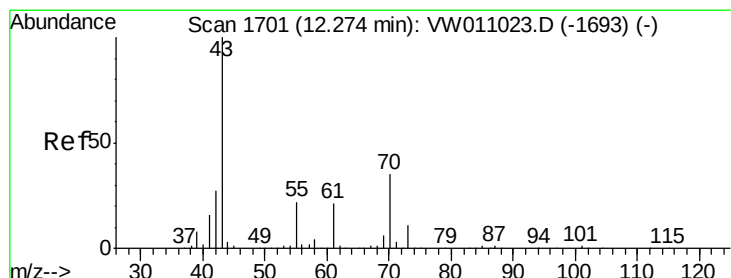
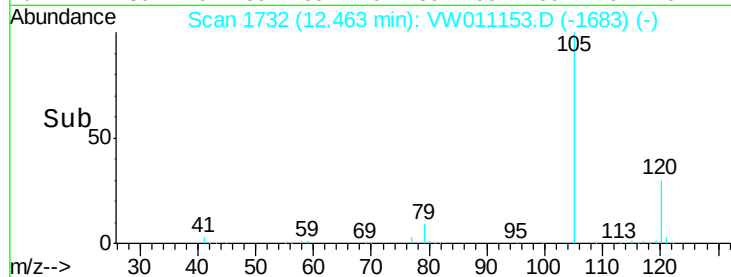
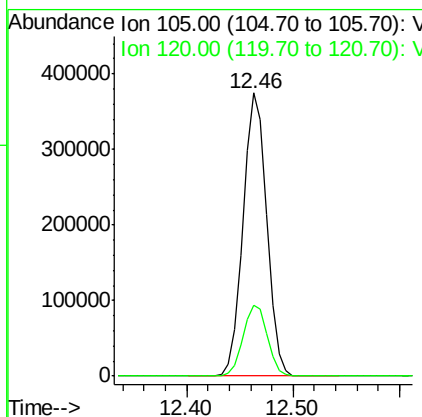
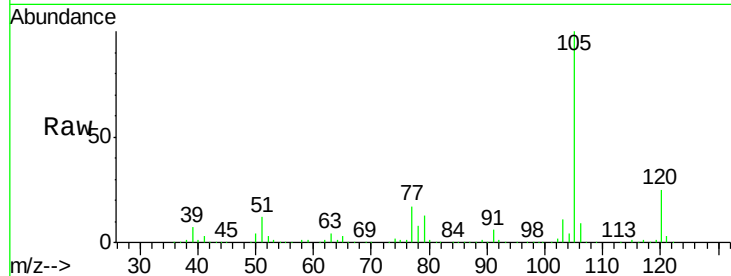
#73
Isopropylbenzene
Concen: 49.721 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 586169
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

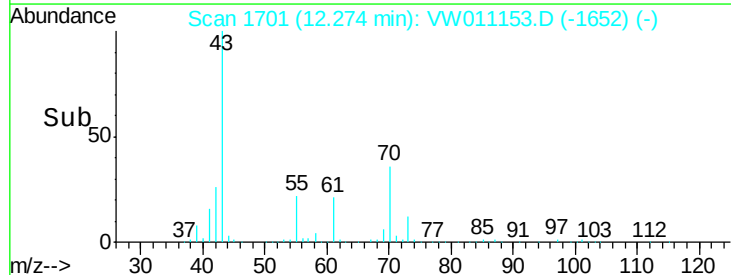
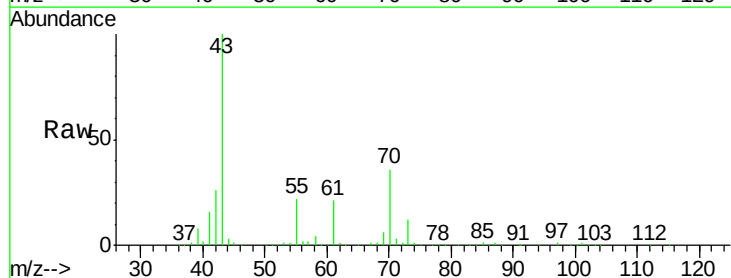
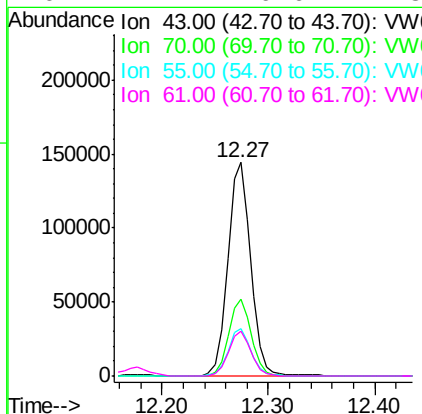
Manual Integrations
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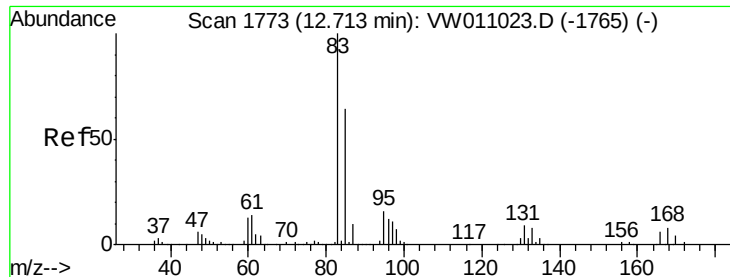
MMDadoda
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#74
N-ethyl acetate
Concen: 54.552 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 43 Resp: 215980
Ion Ratio Lower Upper
43 100
70 35.8 28.2 42.4
55 22.2 17.8 26.8
61 21.2 16.6 24.8





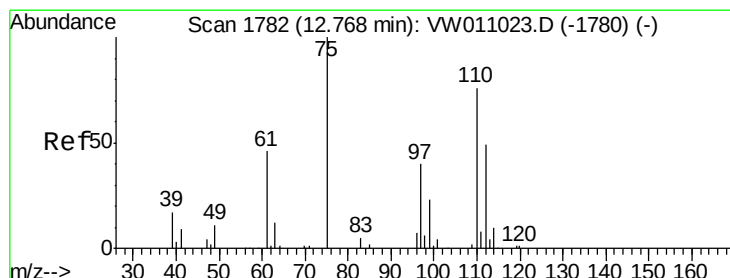
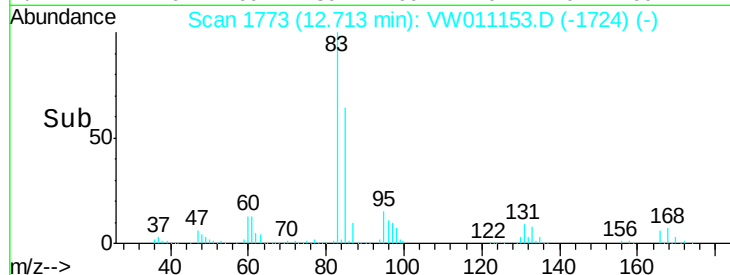
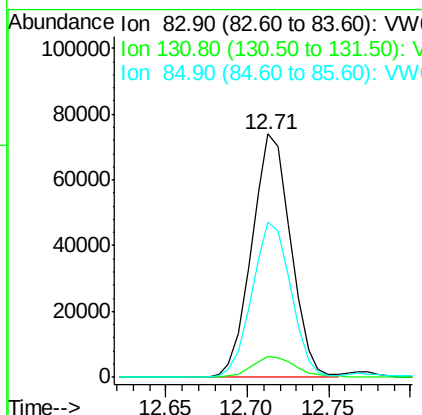
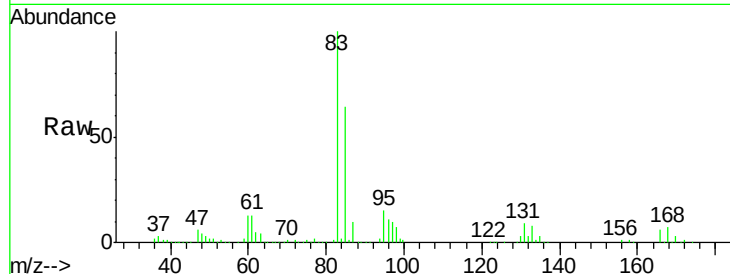
#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.004 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	122706
Ion Ratio	100	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	63.9	31.8	95.4

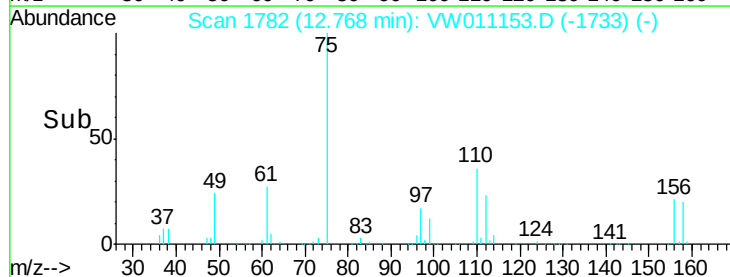
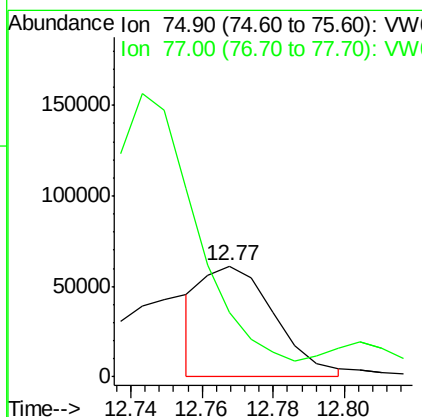
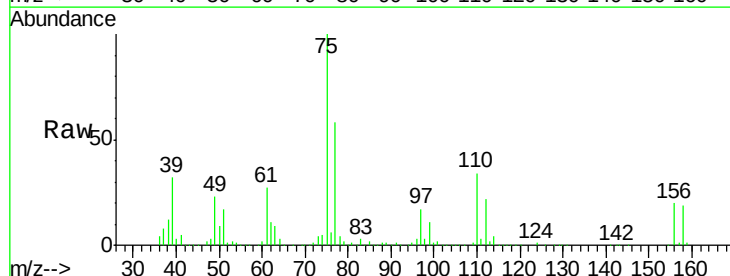
Manual Integrations
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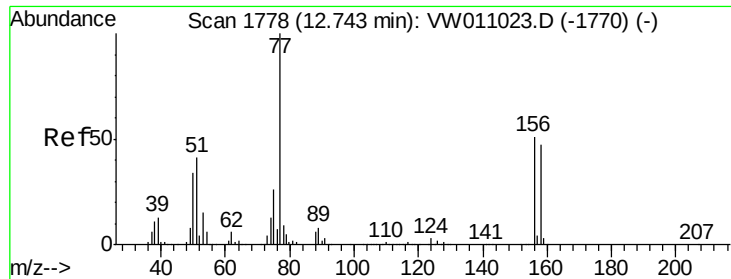
MMDadoda
 7/8/2019 9:41:48 AM



#76
 1,2,3-Trichloropropane
 Concen: 52.306 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	75	Resp	86900
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





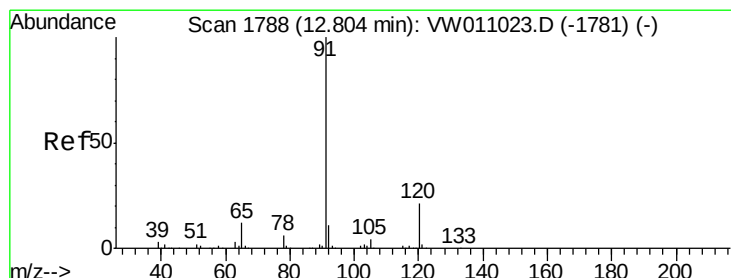
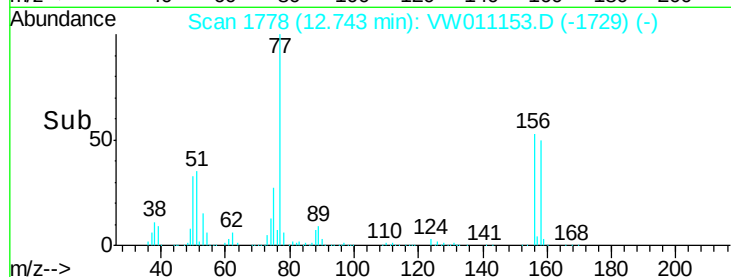
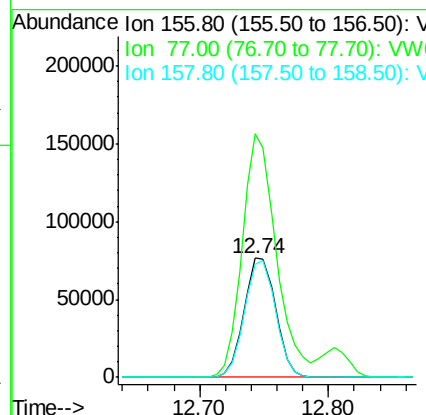
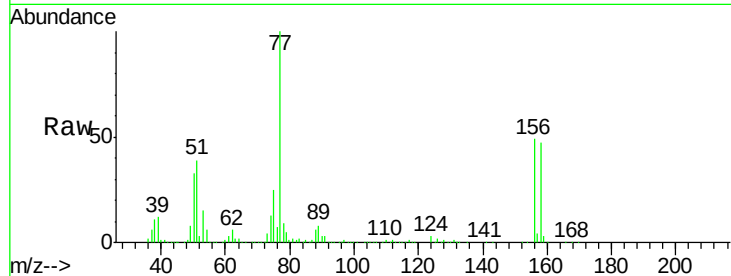
#77
Bromobenzene
Concen: 50.065 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	219.8	109.5	328.5
158	96.8	48.6	145.9

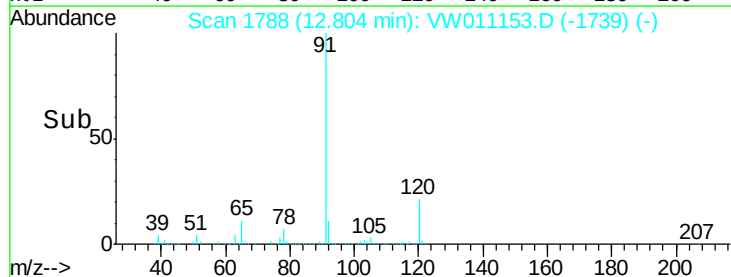
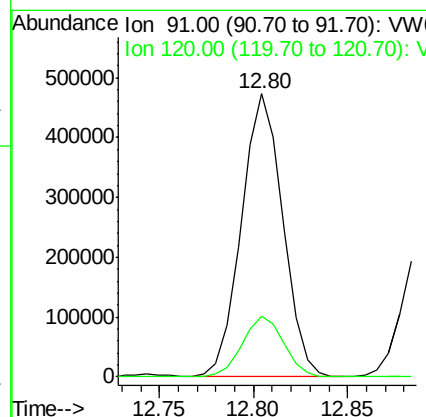
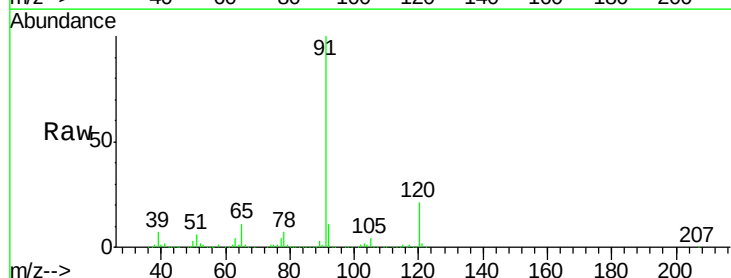
Manual Integrations
APPROVED

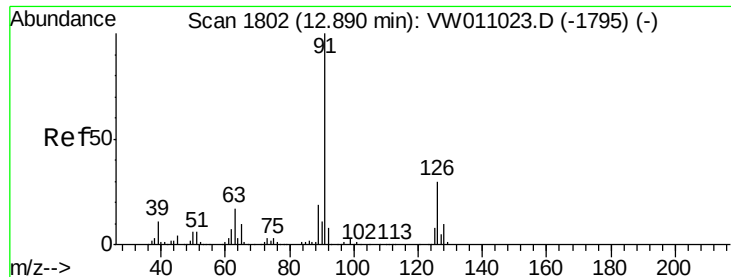
MMDadoda
7/8/2019 9:41:48 AM



#78
n-propylbenzene
Concen: 49.198 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.5	31.6





#79

2-Chlorotoluene

Concen: 49.513 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 412962

Ion Ratio Lower Upper

91 100

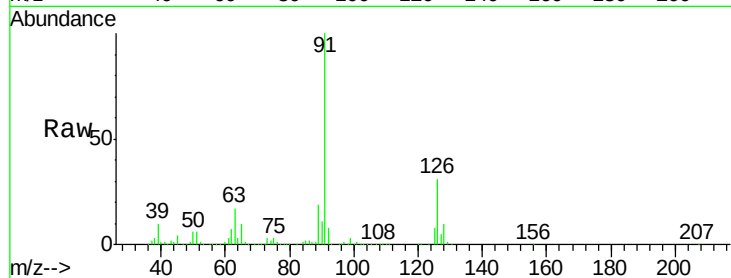
126 31.3 15.4 46.4

Manual Integrations

APPROVED

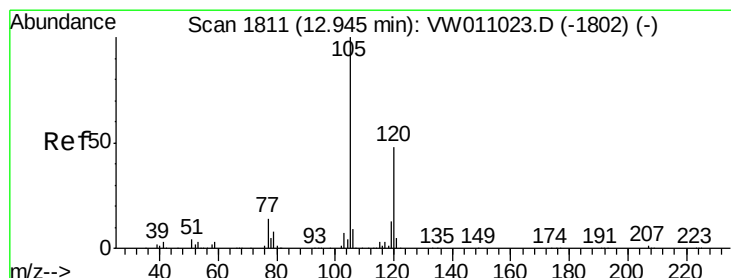
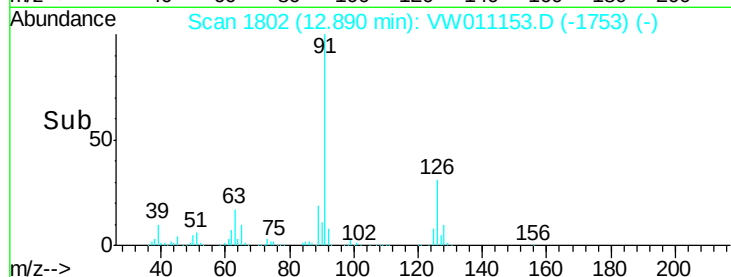
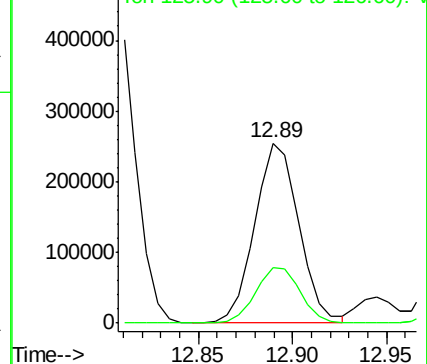
MMDadoda

7/8/2019 9:41:48 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.500 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011153.D

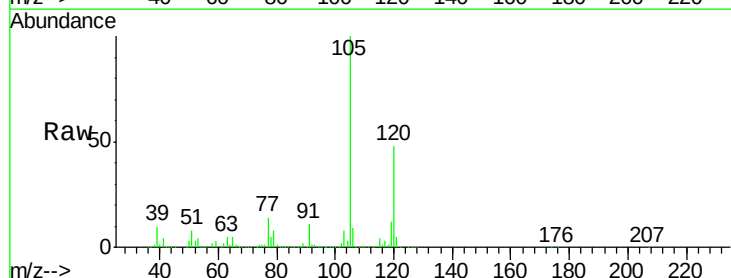
Acq: 03 Jul 2019 21:11

Tgt Ion:105 Resp: 494615

Ion Ratio Lower Upper

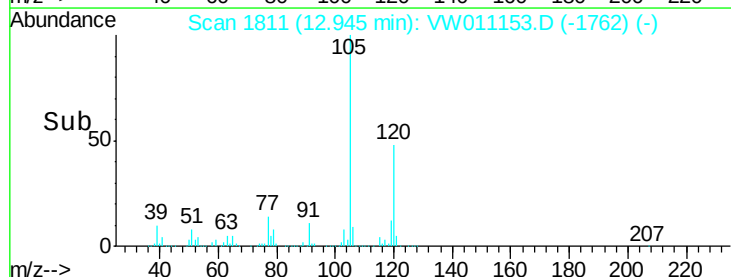
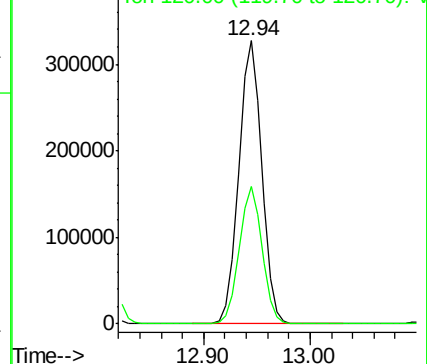
105 100

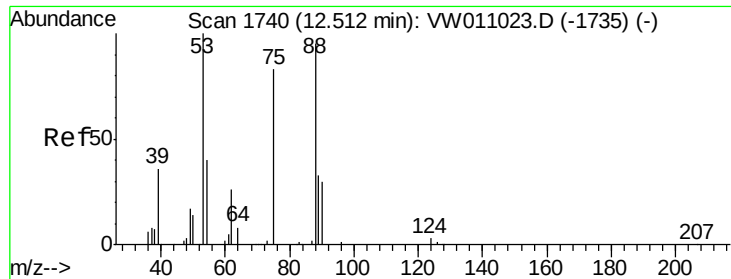
120 48.2 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





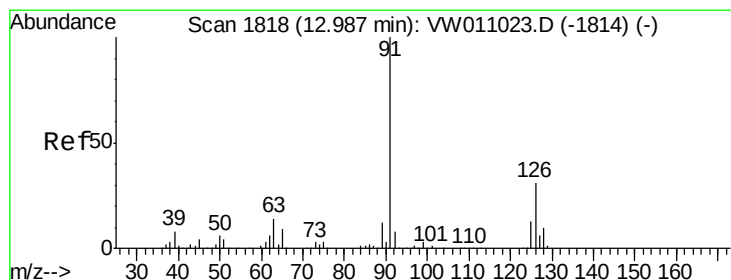
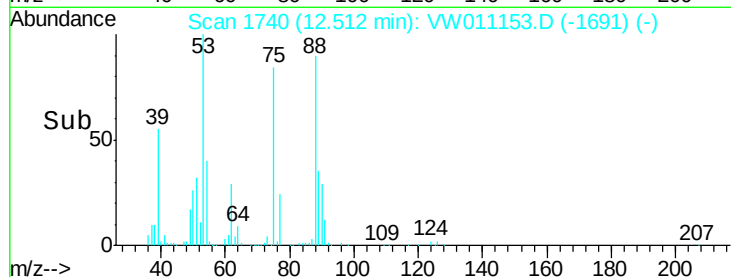
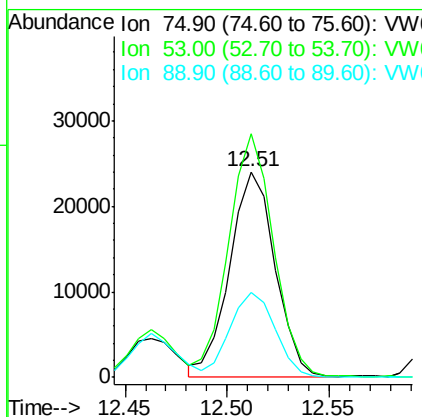
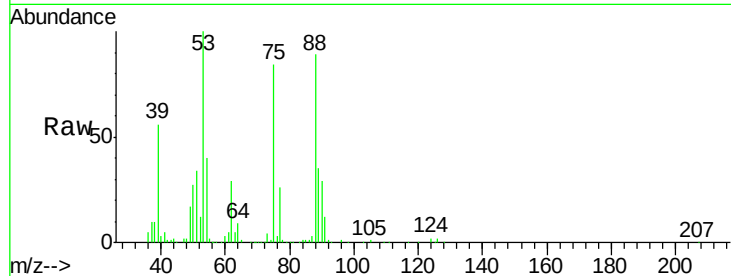
#81
trans-1,4-Dichloro-2-butene
Concen: 47.471 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.0	95.6	143.4
89	41.6	34.4	51.6

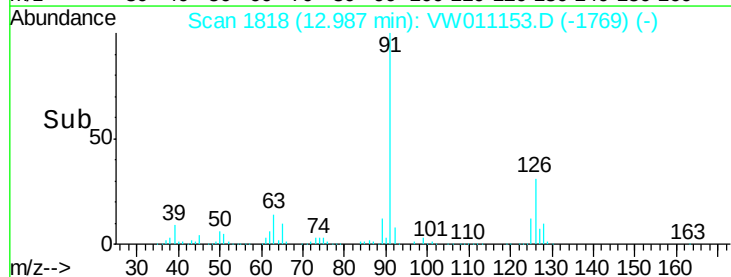
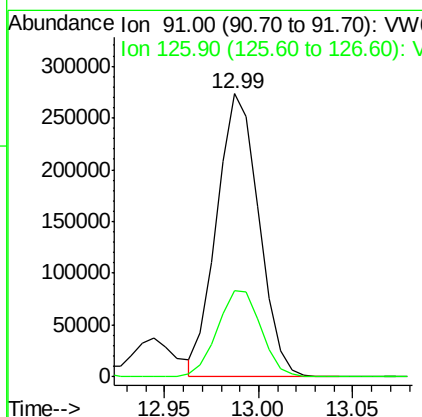
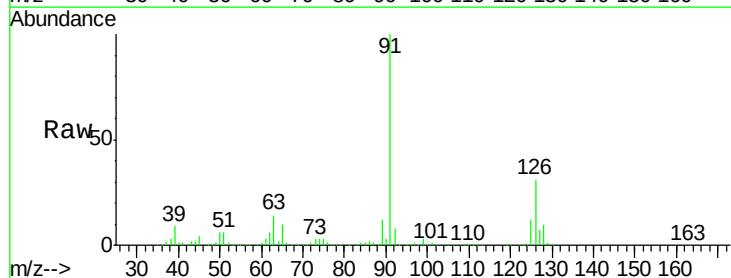
Manual Integrations
APPROVED

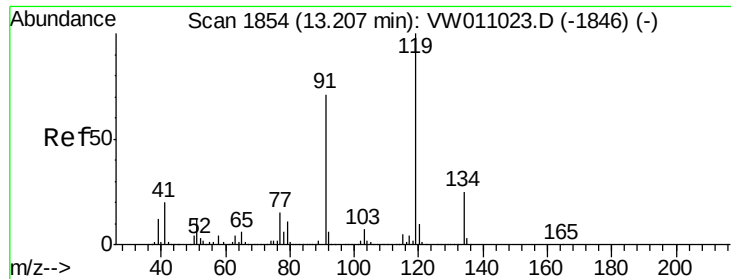
MMDadoda
7/8/2019 9:41:48 AM



#82
4-Chlorotoluene
Concen: 48.785 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.7	47.1





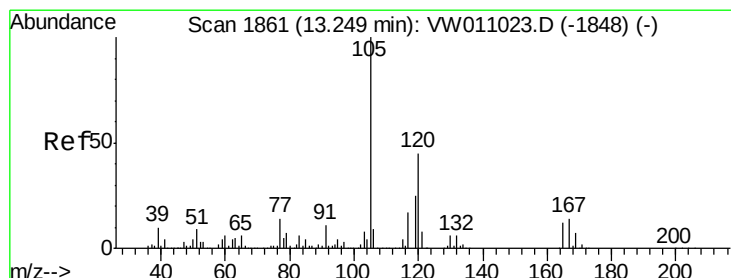
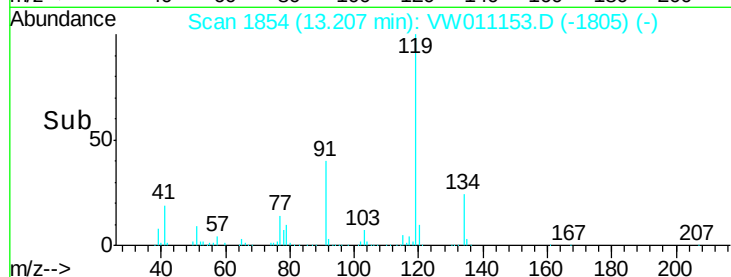
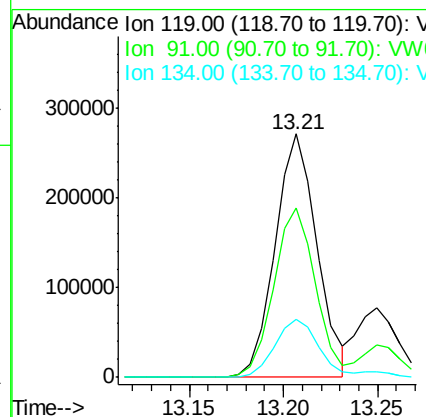
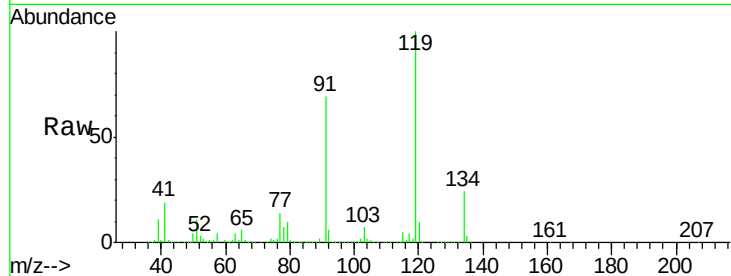
#83
 tert-Butylbenzene
 Concen: 50.023 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	35.5	106.5
134	24.7	12.4	37.2

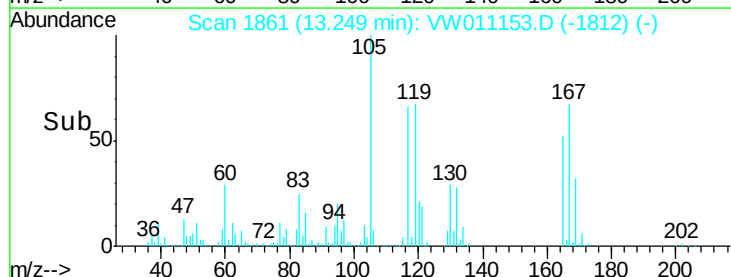
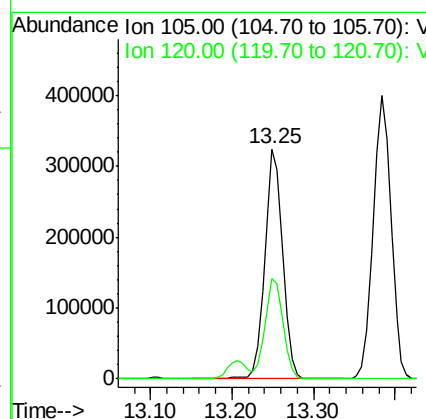
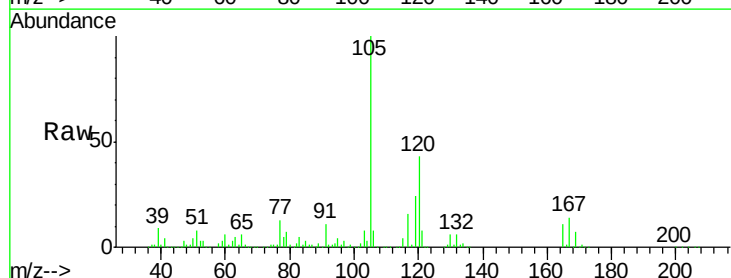
Manual Integrations
 APPROVED

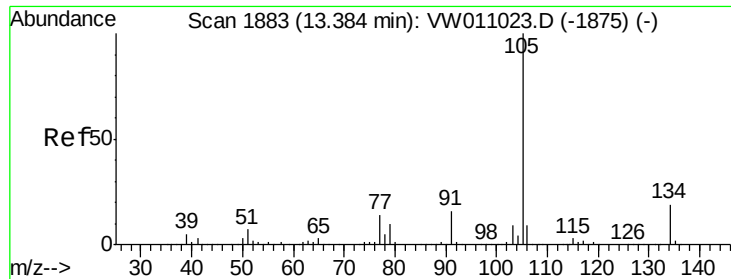
MMDadoda
 7/8/2019 9:41:48 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.587 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.4	67.2





#85

sec-Butylbenzene

Concen: 49.514 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 599340

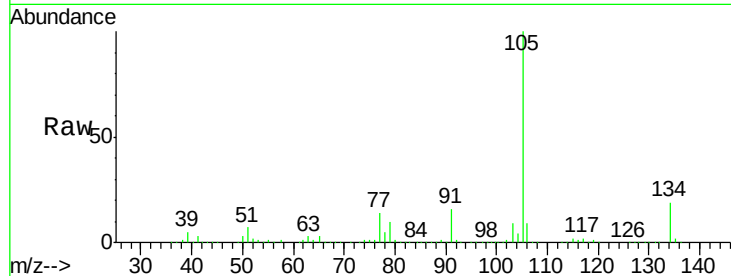
Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8

Manual Integrations
APPROVED

MMDadoda
7/8/2019 9:41:48 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

400000

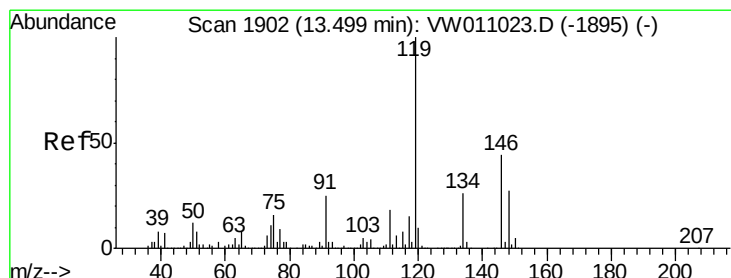
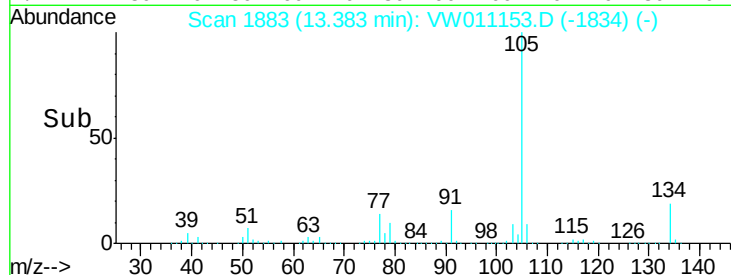
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.370 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

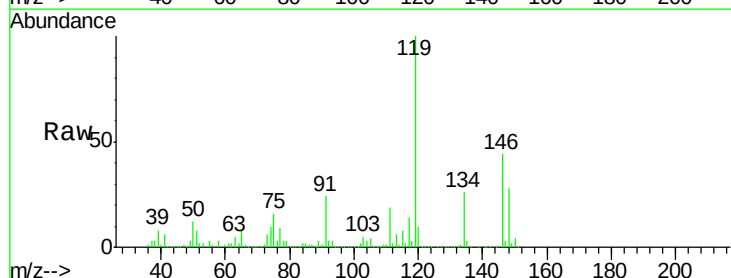
Tgt Ion:119 Resp: 537772

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 24.8 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

500000

400000

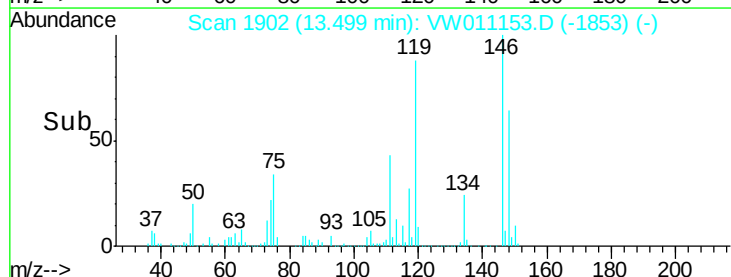
300000

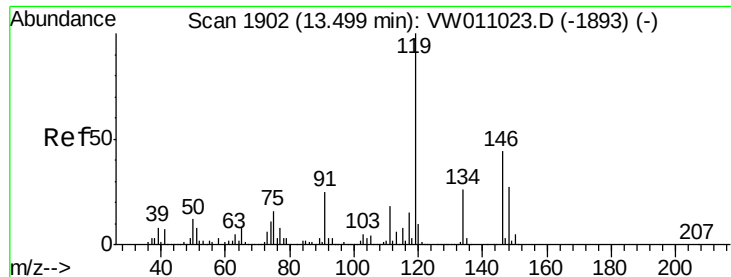
200000

100000

0

Time-->





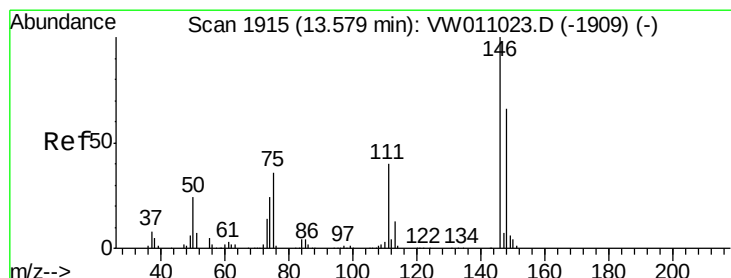
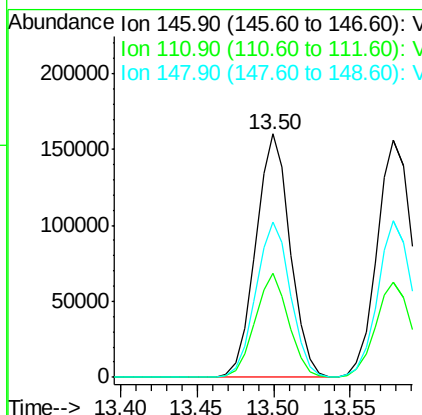
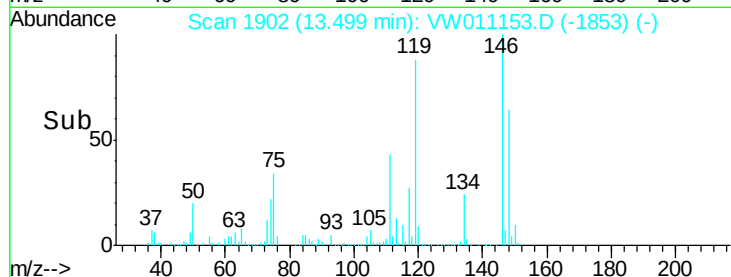
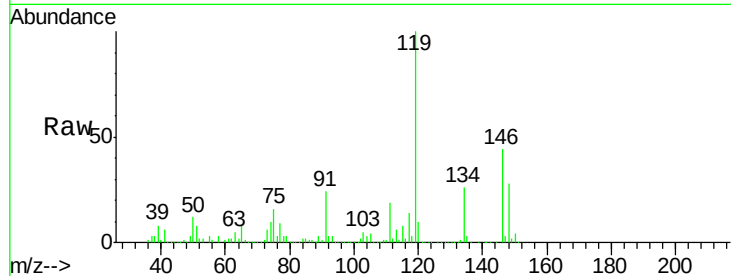
#87
 1,3-Dichlorobenzene
 Concen: 48.985 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.8
148	64.2	31.8	95.4

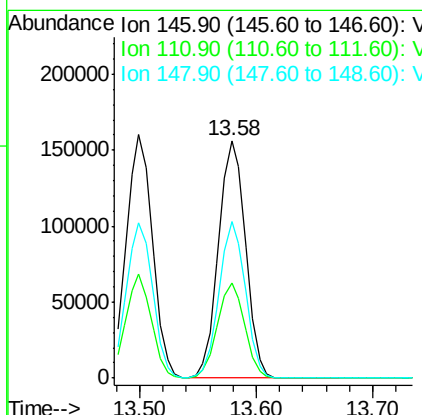
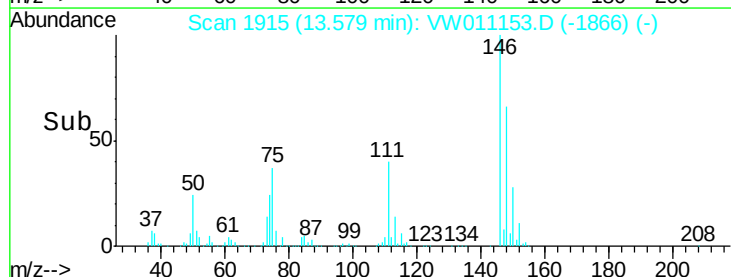
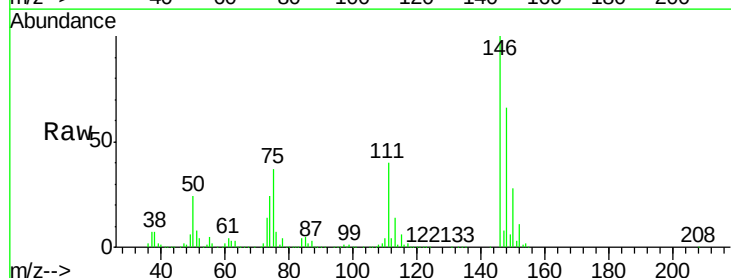
Manual Integrations
 APPROVED

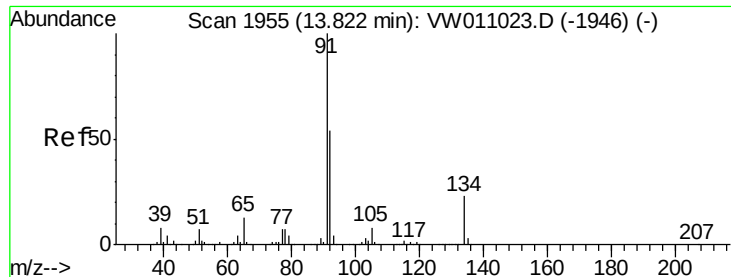
MMDadoda
 7/8/2019 9:41:48 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.070 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.9
148	64.1	32.4	97.2





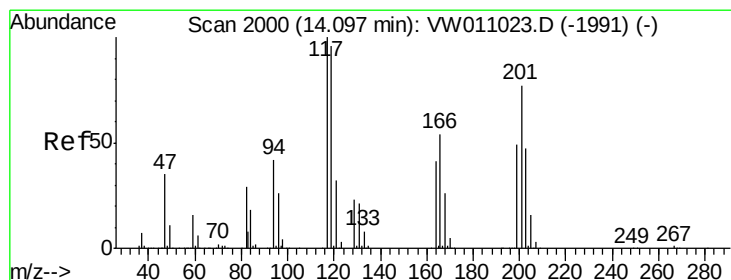
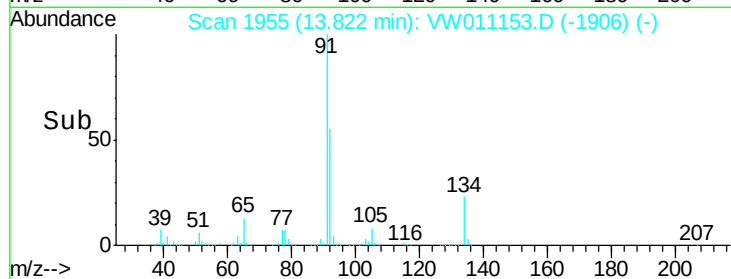
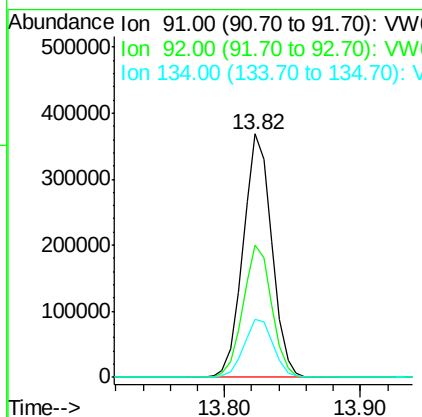
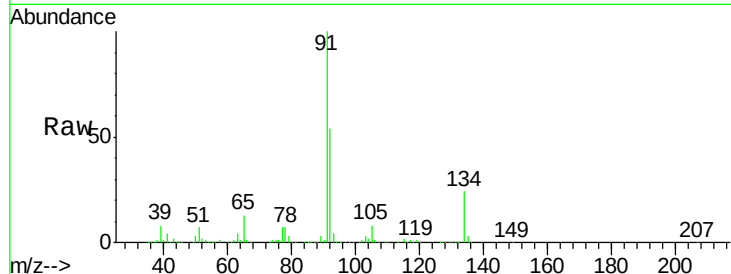
#89
n-Butylbenzene
Concen: 48.712 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.2
134	24.4	12.0	36.1

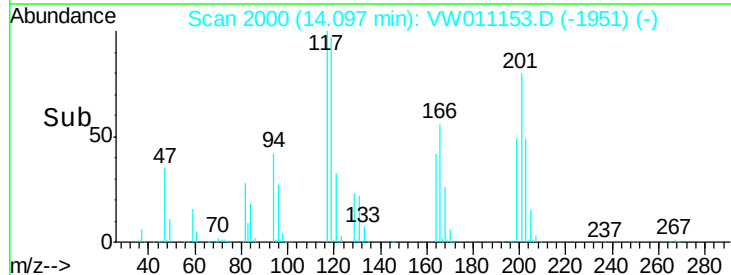
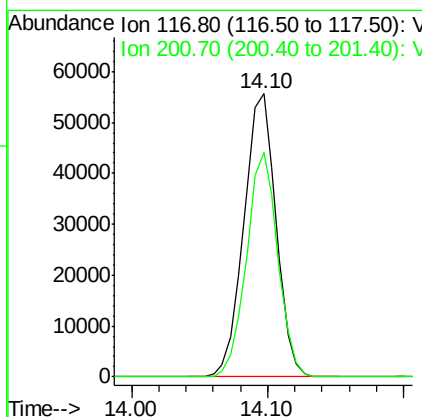
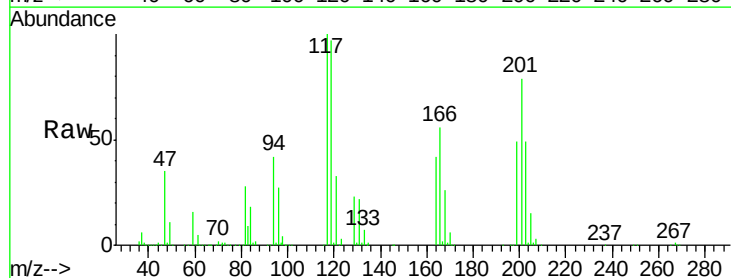
Manual Integrations
APPROVED

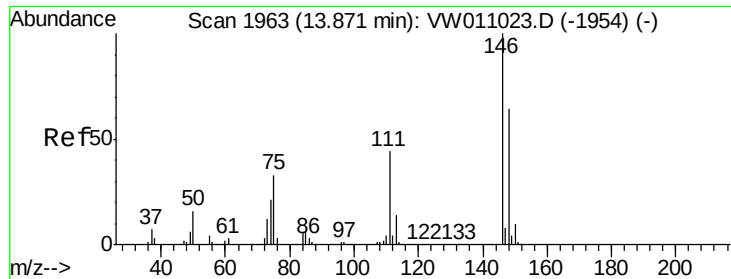
MMDadoda
7/8/2019 9:41:48 AM



#90
Hexachloroethane
Concen: 49.439 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	38.0	114.0





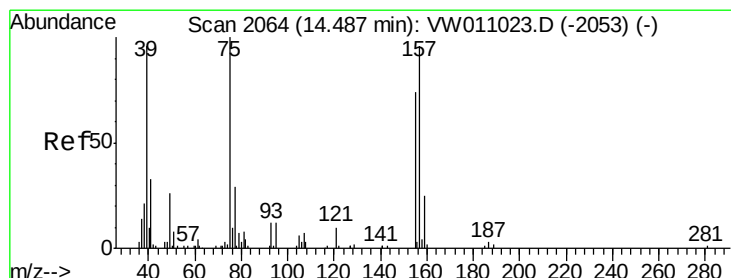
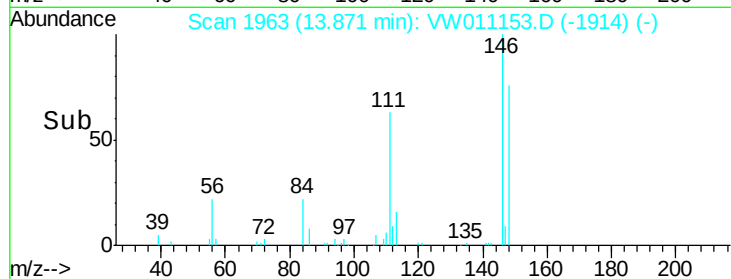
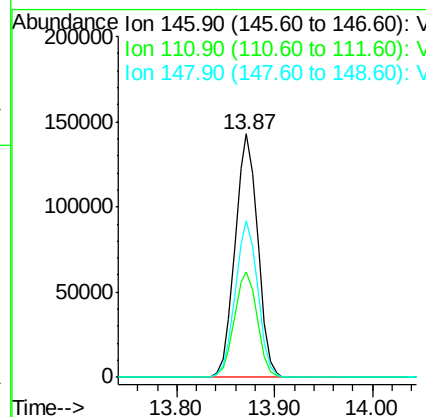
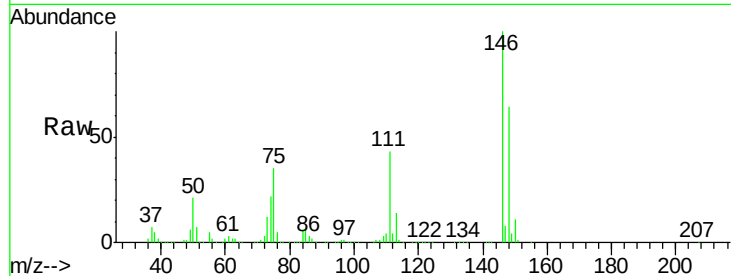
#91
 1,2-Dichlorobenzene
 Concen: 49.917 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.4	64.3
148	63.8	31.8	95.3

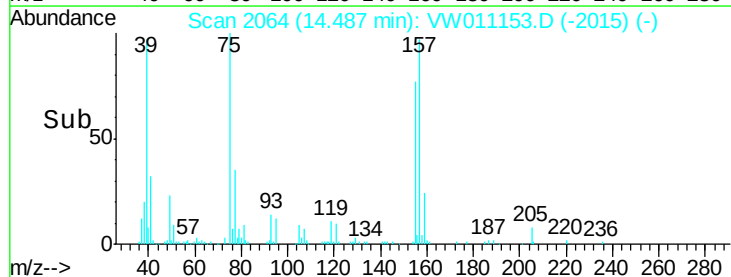
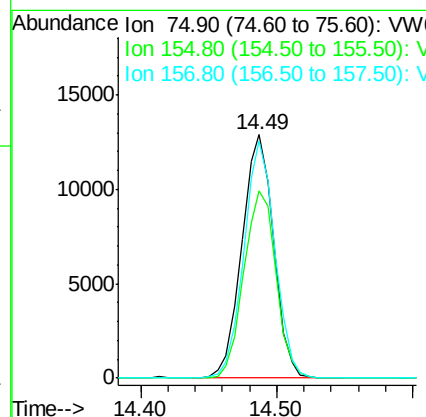
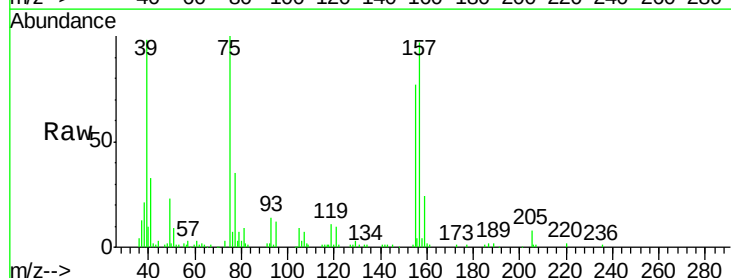
Manual Integrations
 APPROVED

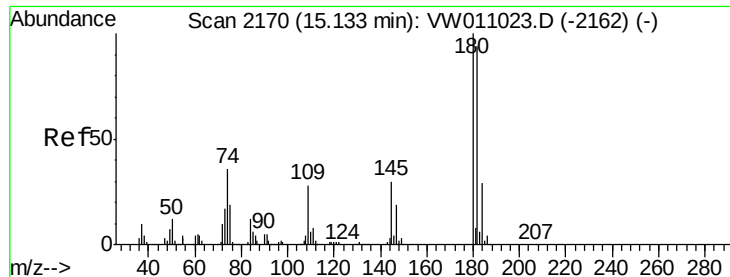
MMDadoda
 7/8/2019 9:41:48 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.253 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	37.0	110.9
157	95.0	45.9	137.7





#93

1,2,4-Trichlorobenzene

Concen: 49.445 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

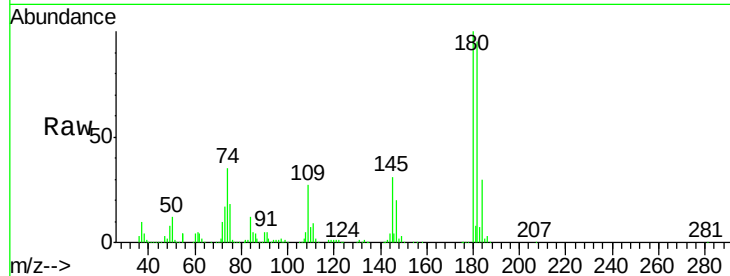
ClientSampleId :

VSTDCCC050EC

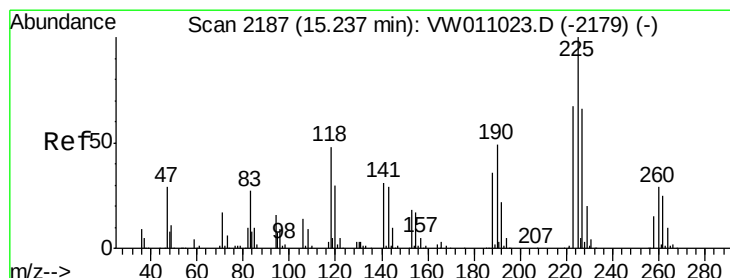
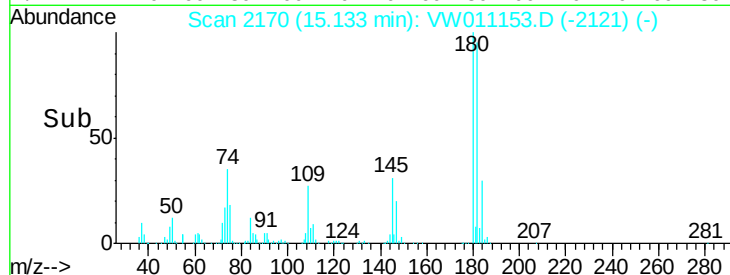
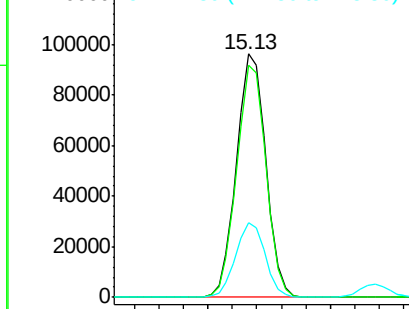
Tot Ion:	180	Resp:	160156
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.2
145	30.8	15.3	45.8

Manual Integrations
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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: 48.642 ug/l

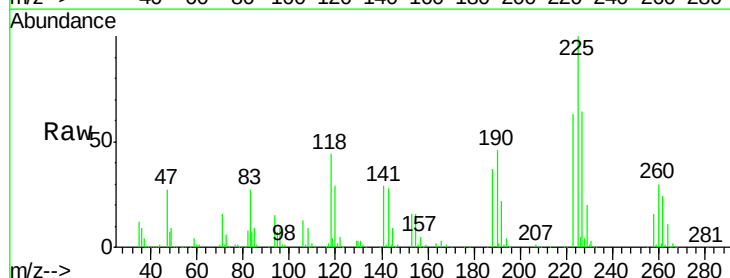
RT: 15.24 min Scan# 2187

Delta R.T. 0.00 min

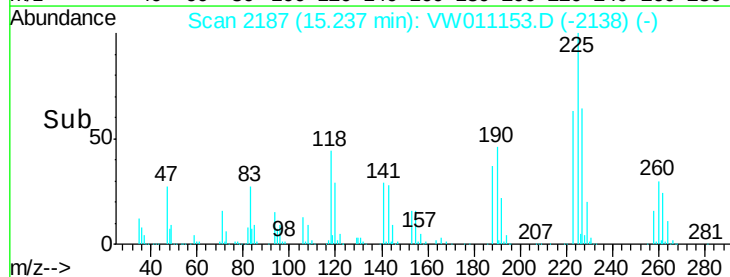
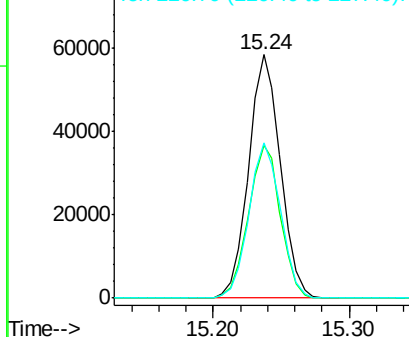
Lab File: VW011153.D

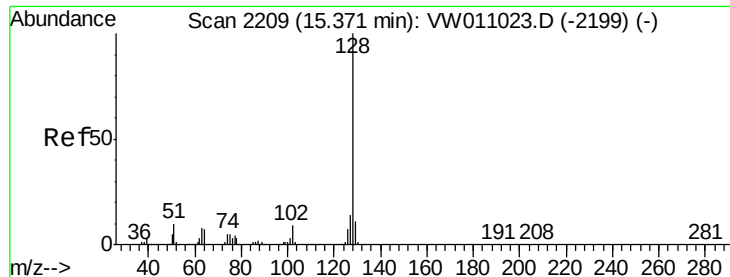
Acq: 03 Jul 2019 21:11

Tgt Ion:	225	Resp:	95561
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.9	95.9
227	63.7	31.9	95.9



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





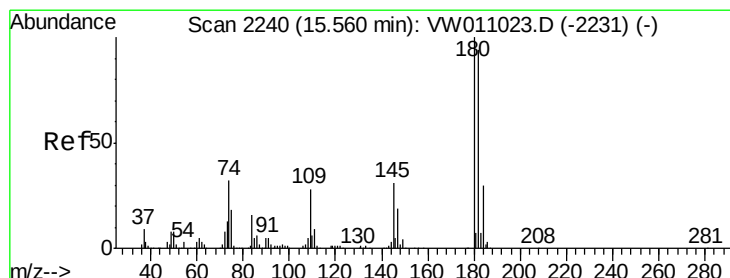
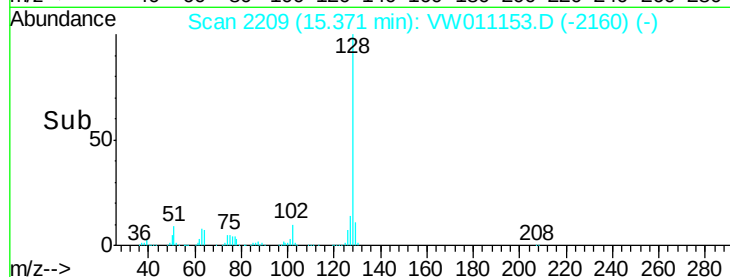
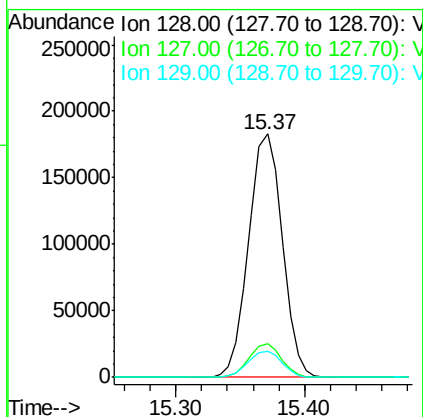
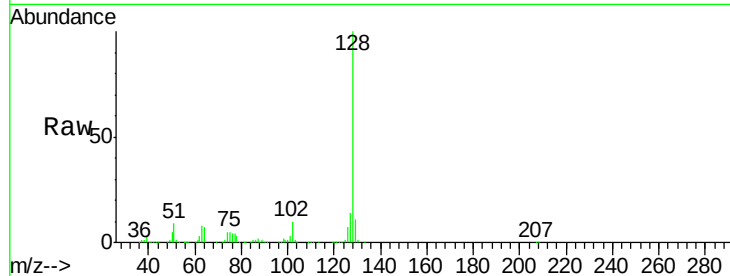
#95
Naphthalene
Concen: 54.448 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/8/2019 9:41:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.727 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.7
145	32.3	16.1	48.2

