

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011170.D
 Acq On : 09 Jul 2019 10:54
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:47:28 AM

Quant Time: Jul 10 04:42:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134302	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
35) Dibromofluoromethane	7.88	113	110168	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.32	98	453943	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	163397	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	90877	50.912	ug/l	100
3) Chloromethane	2.21	50	111665	48.549	ug/l	96
4) Vinyl Chloride	2.36	62	156306	51.921	ug/l	96
5) Bromomethane	2.77	94	76970	50.882	ug/l	94
6) Chloroethane	2.92	64	85091	52.477	ug/l	99
7) Trichlorofluoromethane	3.25	101	58406	54.613	ug/l	99
8) Diethyl Ether	3.68	74	72724	49.146	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	134154	52.370	ug/l	100
10) Methyl Iodide	4.27	142	183369	52.045	ug/l	99
11) Tert butyl alcohol	5.16	59	49942	224.303	ug/l	99
12) 1,1-Dichloroethene	4.03	96	139495	52.466	ug/l	94
13) Acrolein	3.89	56	59339	334.685	ug/l	100
14) Allyl chloride	4.66	41	266637	54.995	ug/l	100
15) Acrylonitrile	5.36	53	181467	240.792	ug/l	99
16) Acetone	4.12	43	208203	287.731	ug/l	99
17) Carbon Disulfide	4.38	76	421682	52.314	ug/l	100
18) Methyl Acetate	4.67	43	84724m	40.916	ug/l	
19) Methyl tert-butyl Ether	5.42	73	197334	48.915	ug/l	99
20) Methylene Chloride	4.92	84	143705	50.342	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	141438	51.195	ug/l	98
22) Diisopropyl ether	6.31	45	524746	50.321	ug/l	99
23) Vinyl Acetate	6.25	43	1693750	262.450	ug/l	100
24) 1,1-Dichloroethane	6.21	63	276200	50.439	ug/l	99
25) 2-Butanone	7.17	43	281572	247.892	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150068	52.721	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	150878	50.627	ug/l	100
28) Bromochloromethane	7.51	49	114788	46.102	ug/l #	99
29) Tetrahydrofuran	7.52	42	174571	234.388	ug/l	100
30) Chloroform	7.67	83	249571	49.213	ug/l	99
31) Cyclohexane	7.95	56	290320	49.836	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	197480	51.192	ug/l	99
36) 1,1-Dichloropropene	8.08	75	216094	53.285	ug/l	100
37) Ethyl Acetate	7.24	43	117444	48.200	ug/l	100
38) Carbon Tetrachloride	8.07	117	187080	54.417	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	273542	55.650	ug/l	99
40) Benzene	8.32	78	586140	52.298	ug/l	99
41) Methacrylonitrile	7.48	41	74798	53.673	ug/l	91
42) 1,2-Dichloroethane	8.40	62	184249	50.678	ug/l	99
43) Isopropyl Acetate	8.42	43	228866	49.750	ug/l	99
44) Trichloroethene	9.09	130	143848	53.336	ug/l	100
45) 1,2-Dichloropropane	9.37	63	157159	51.782	ug/l	99
46) Dibromomethane	9.46	93	71040	49.829	ug/l	99
47) Bromodichloromethane	9.64	83	190549	52.236	ug/l	99
48) Methyl methacrylate	9.43	41	109402	49.432	ug/l	99
49) 1,4-Dioxane	9.44	88	24038	1010.119	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	594324	247.319	ug/l	100
52) Toluene	10.38	92	359875	52.933	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	201647	51.932	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	238568	52.199	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101975	50.419	ug/l	97
56) Ethyl methacrylate	10.65	69	156579	50.849	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192215	50.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	368591	258.196	ug/l	99
59) 2-Hexanone	10.97	43	432208	259.346	ug/l	100
60) Dibromochloromethane	11.13	129	115306	51.989	ug/l	98
61) 1,2-Dibromoethane	11.23	107	97465	50.874	ug/l	98
64) Tetrachloroethene	10.86	164	118248	52.443	ug/l	98
65) Chlorobenzene	11.66	112	358112	52.712	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	125493	52.462	ug/l	99
67) Ethyl Benzene	11.73	91	708548	54.480	ug/l	99
68) m/p-Xylenes	11.84	106	514089	109.242	ug/l	99
69) o-Xylene	12.16	106	237931	53.643	ug/l	100
70) Styrene	12.18	104	414323	54.126	ug/l	100
71) Bromoform	12.35	173	63321	49.788	ug/l #	99
73) Isopropylbenzene	12.46	105	672557	54.679	ug/l	100
74) N-amyl acetate	12.27	43	218173	50.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123582	49.014	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85479m	44.953	ug/l	
77) Bromobenzene	12.74	156	141920	51.413	ug/l	99
78) n-propylbenzene	12.80	91	826364	54.538	ug/l	99
79) 2-Chlorotoluene	12.89	91	461555	52.935	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	567214	54.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42488	50.539	ug/l	99
82) 4-Chlorotoluene	12.99	91	480794	52.941	ug/l	100
83) tert-Butylbenzene	13.21	119	476691	54.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	568455	54.176	ug/l	99
85) sec-Butylbenzene	13.38	105	692128	55.039	ug/l	99
86) p-Isopropyltoluene	13.50	119	624360	55.356	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	284481	53.565	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	279969	52.350	ug/l	99
89) n-Butylbenzene	13.82	91	636308	56.553	ug/l	99
90) Hexachloroethane	14.10	117	111947	54.315	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	247092	51.283	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21399	47.848	ug/l	99

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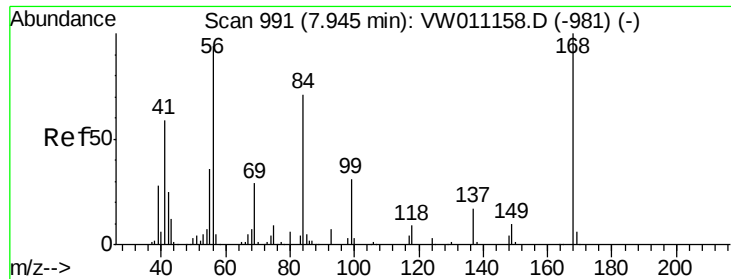
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	184329	55.543	ug/l	99
94) Hexachlorobutadiene	15.24	225	114119	56.011	ug/l	99
95) Naphthalene	15.37	128	342886	53.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	160652	54.851	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 239336

Ion Ratio Lower Upper

168 100

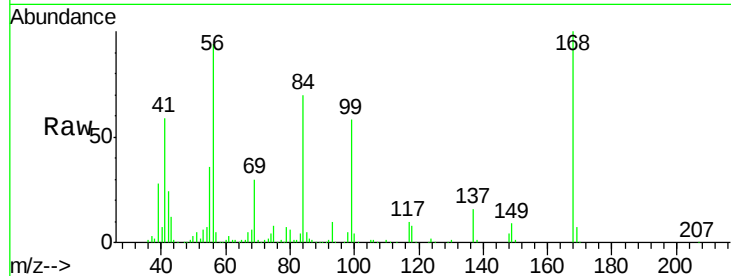
99 57.7 50.1 75.1

Manual Integrations

APPROVED

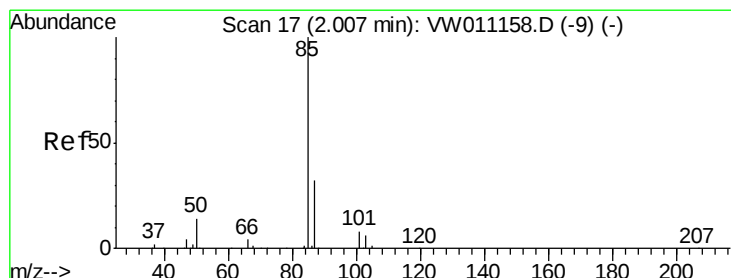
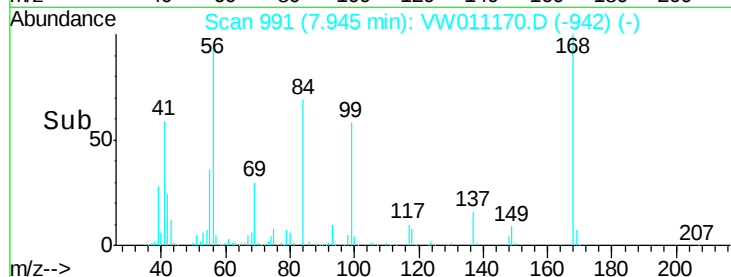
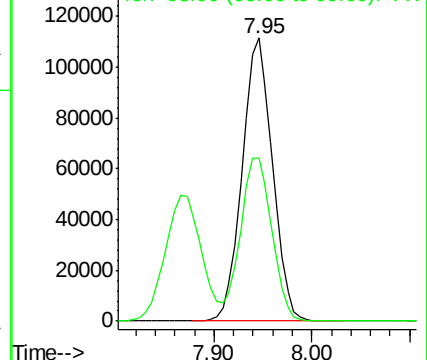
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 50.912 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011170.D

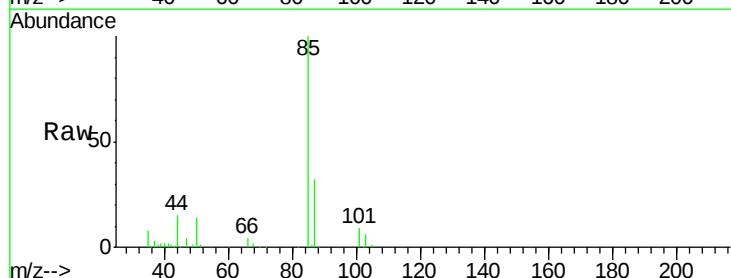
Acq: 09 Jul 2019 10:54

Tgt Ion: 85 Resp: 90877

Ion Ratio Lower Upper

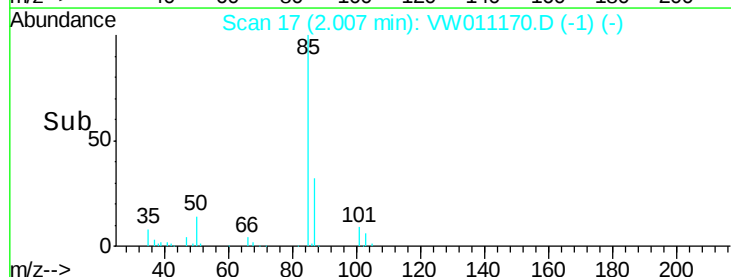
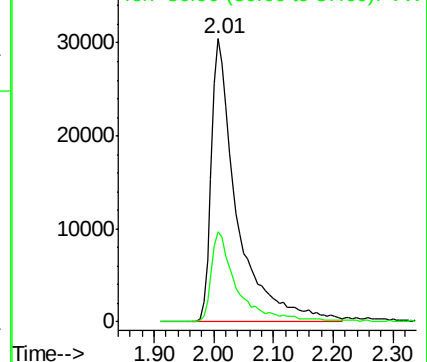
85 100

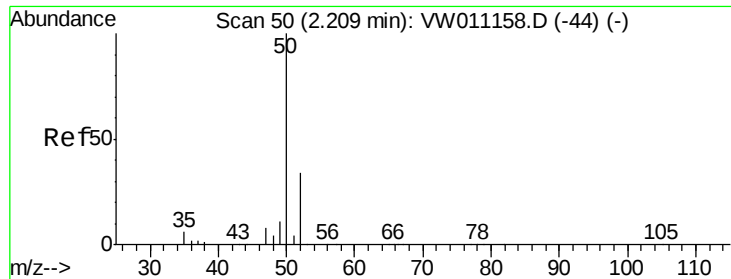
87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.549 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 111665

Ion Ratio Lower Upper

50 100

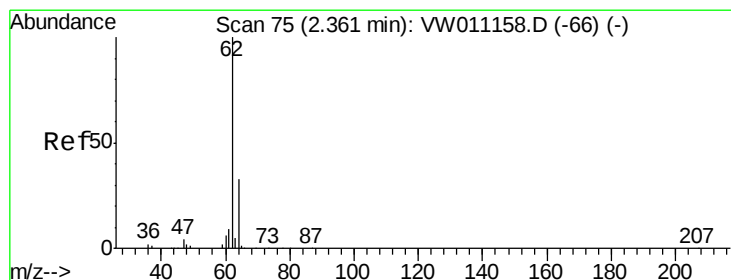
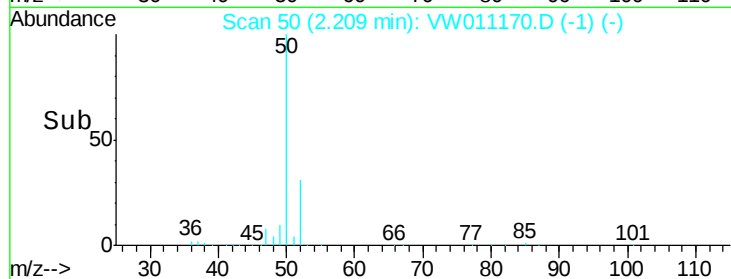
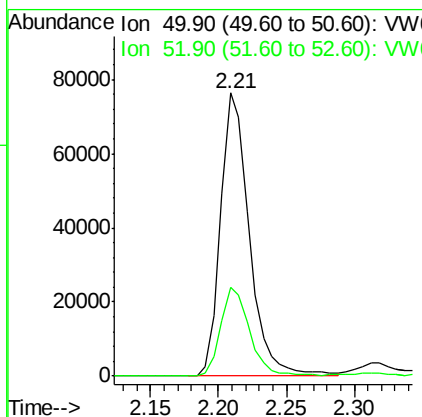
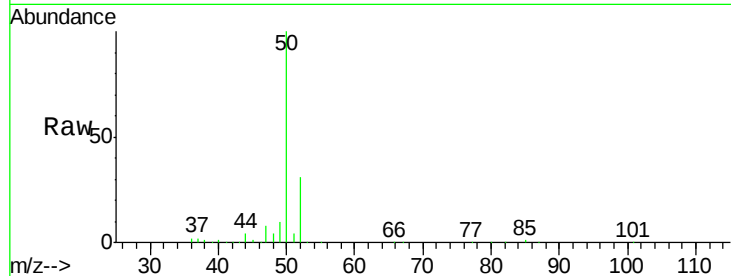
52 31.3 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.921 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011170.D

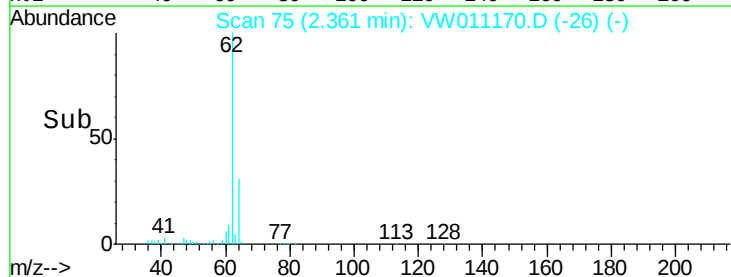
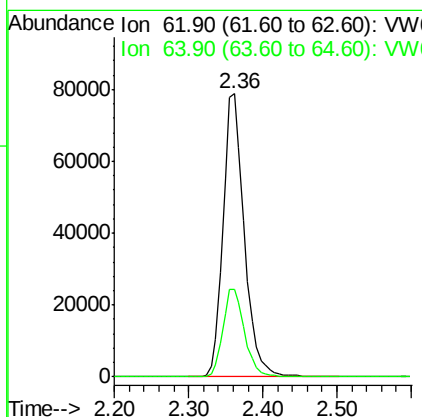
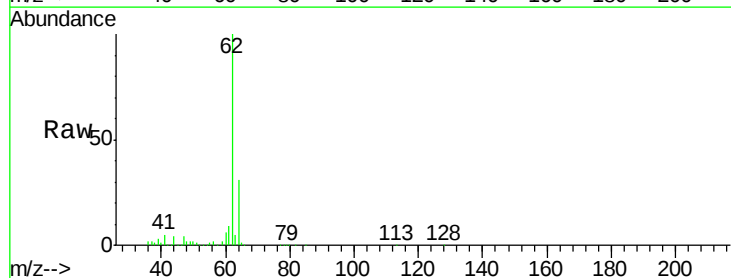
Acq: 09 Jul 2019 10:54

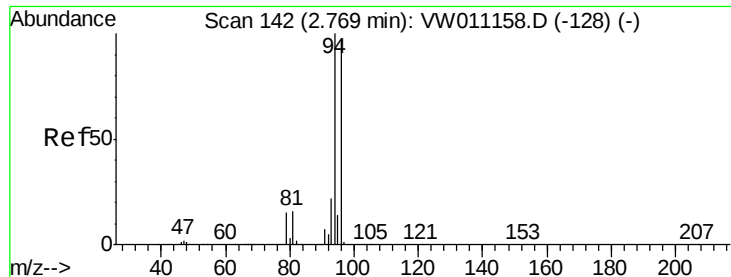
Tgt Ion: 62 Resp: 156306

Ion Ratio Lower Upper

62 100

64 30.8 26.6 40.0





#5

Bromomethane

Concen: 50.882 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 76970

Ion Ratio Lower Upper

94 100

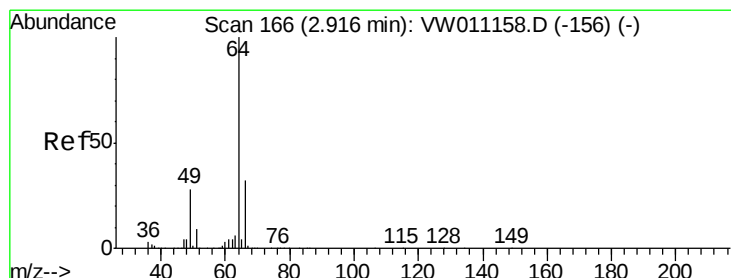
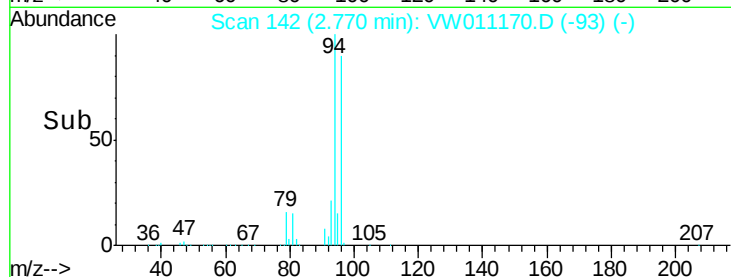
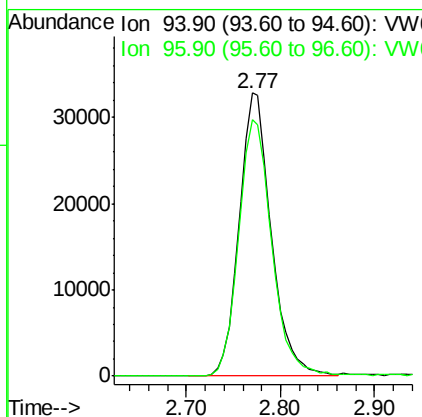
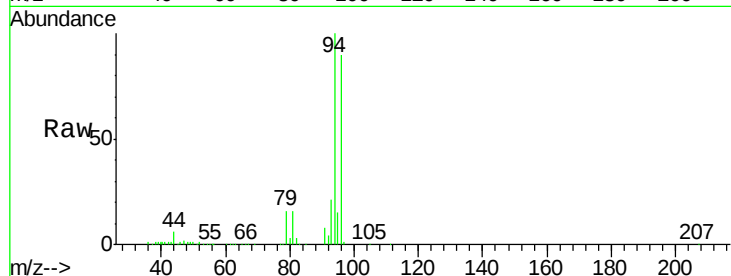
96 90.7 77.4 116.0

Manual Integrations

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7/10/2019 10:47:28 AM



#6

Chloroethane

Concen: 52.477 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011170.D

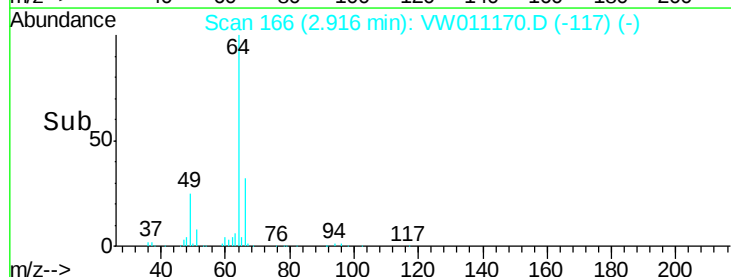
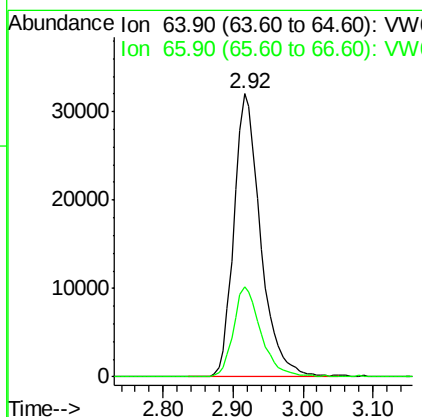
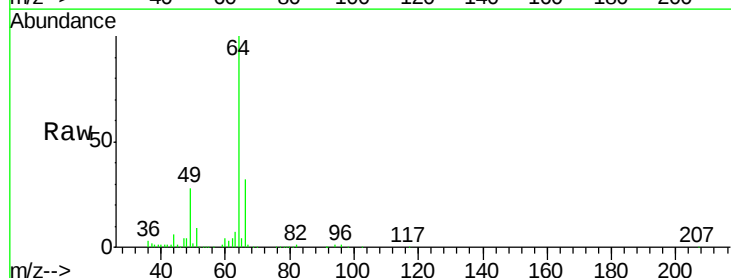
Acq: 09 Jul 2019 10:54

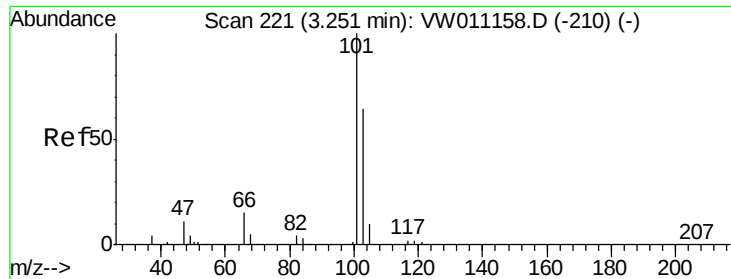
Tgt Ion: 64 Resp: 85091

Ion Ratio Lower Upper

64 100

66 31.8 25.8 38.8





#7

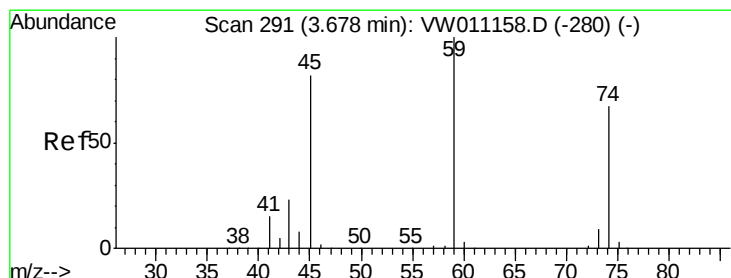
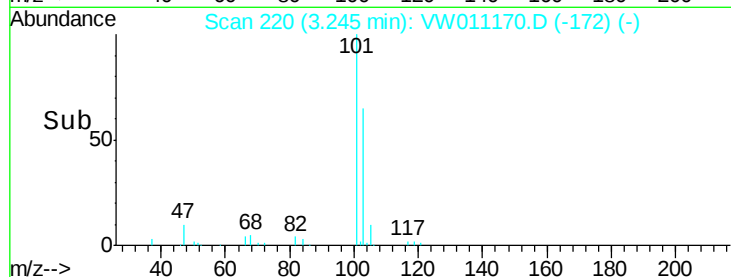
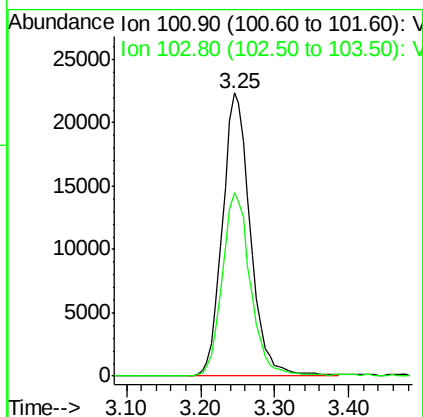
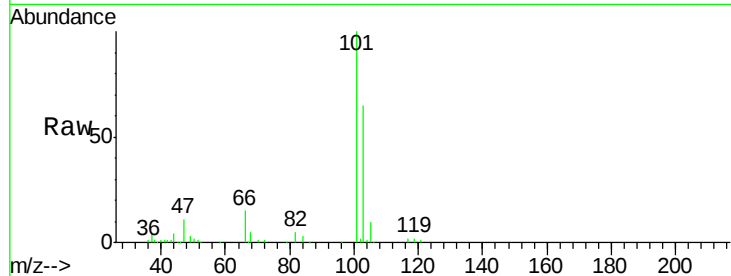
Trichlorofluoromethane
 Concen: 54.613 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.3	76.9

Manual Integrations
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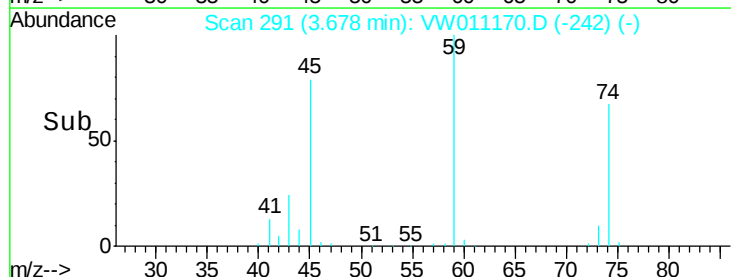
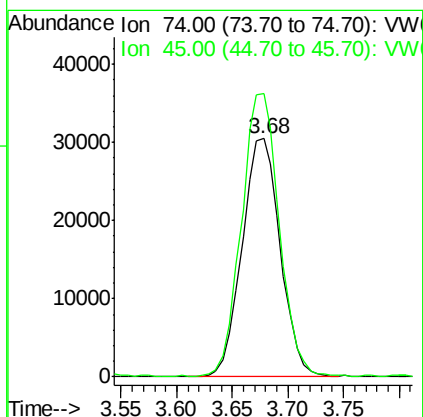
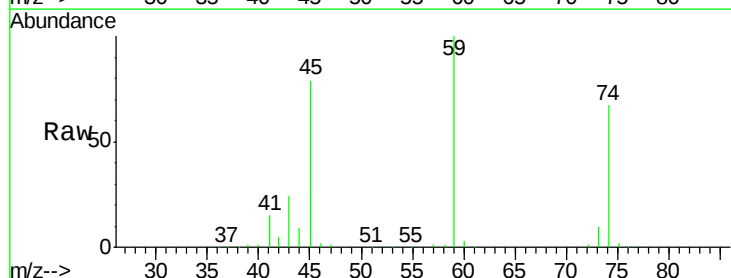
MMDadoda
 7/10/2019 10:47:28 AM

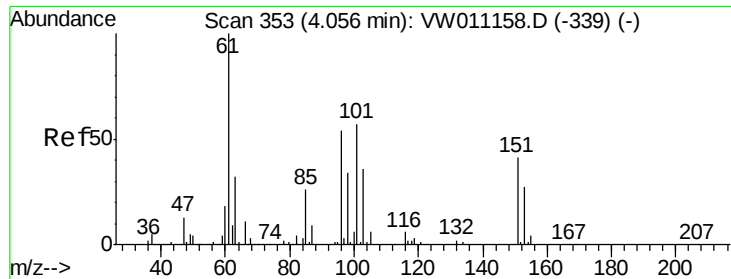


#8

Diethyl Ether
 Concen: 49.146 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.5	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.370 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

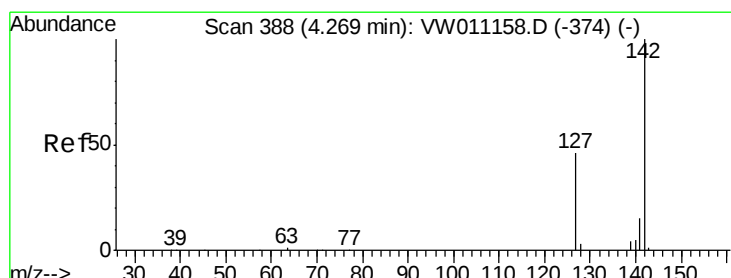
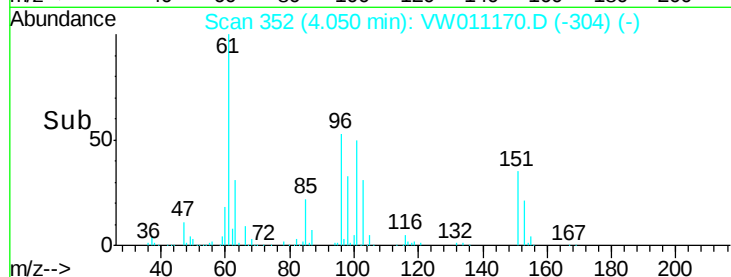
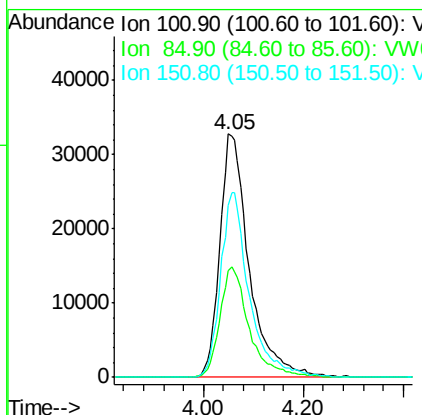
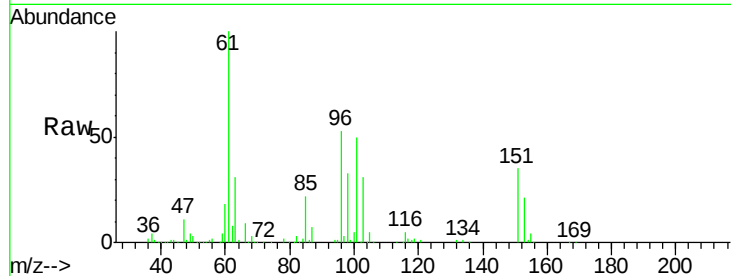
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	134154
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.5	54.7
151	74.3	59.1	88.7

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#10

Methyl Iodide

Concen: 52.045 ug/l

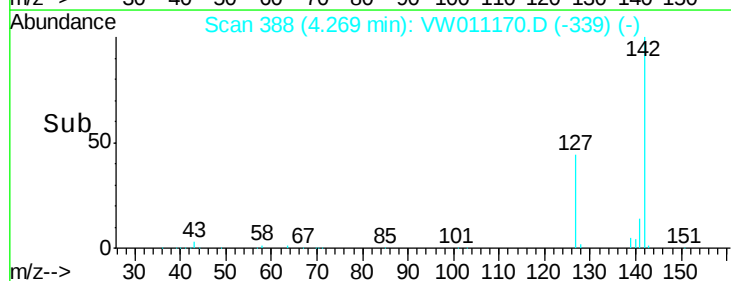
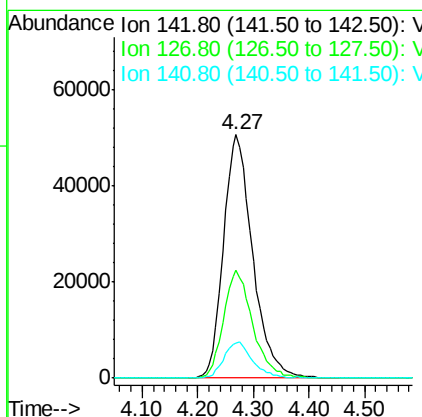
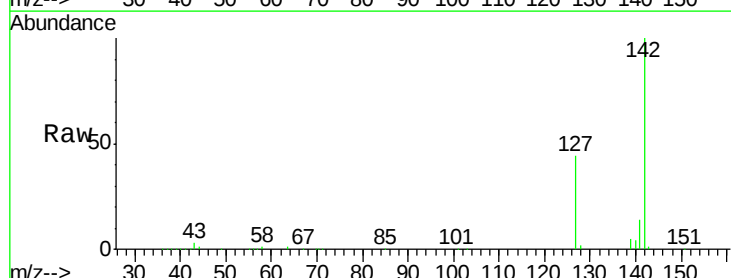
RT: 4.27 min Scan# 388

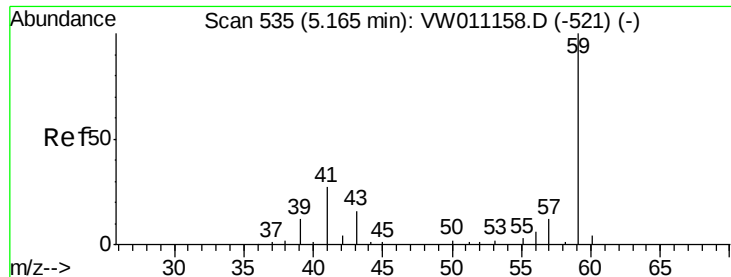
Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Tgt Ion:	142	Resp:	183369
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.7	53.5
141	14.7	11.5	17.3





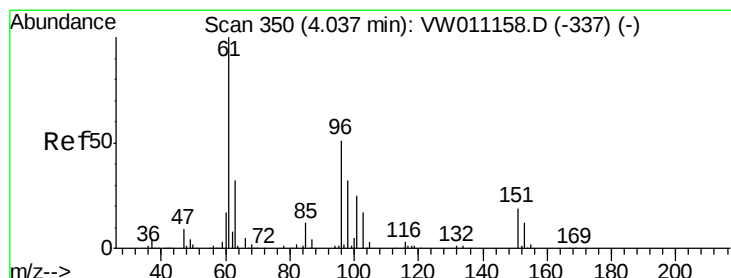
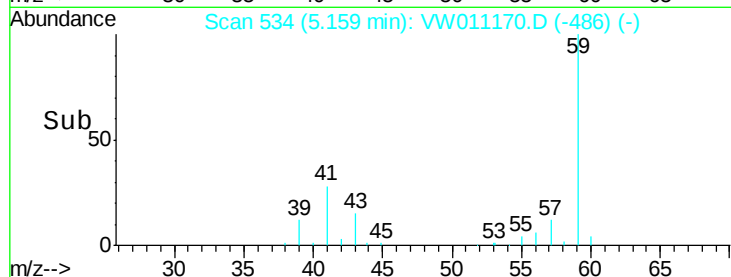
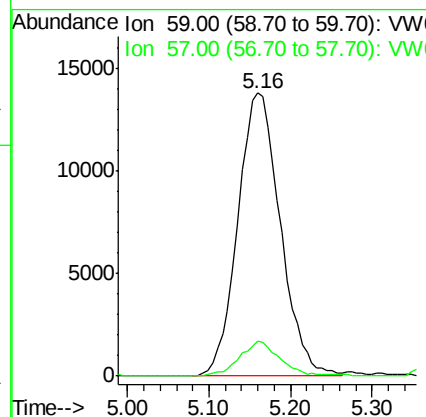
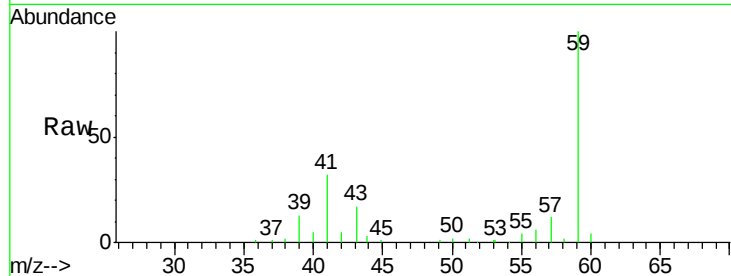
#11
Tert butyl alcohol
Concen: 224.303 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.7	9.0	13.6

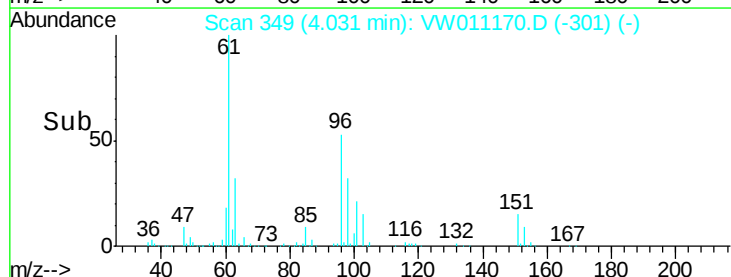
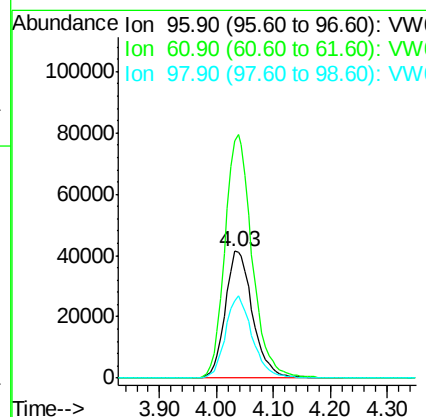
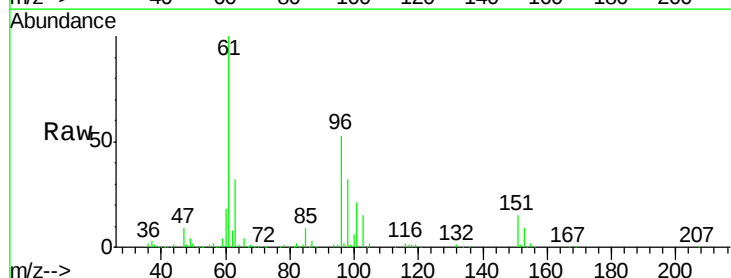
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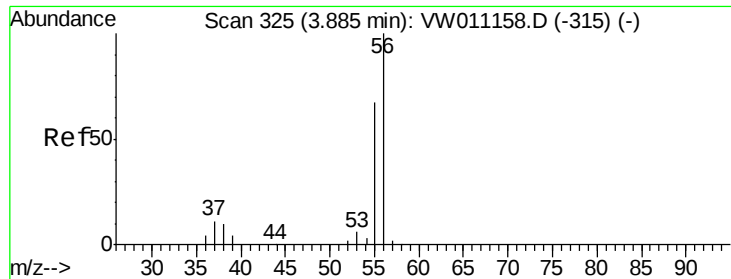
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#12
1,1-Dichloroethene
Concen: 52.466 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.2	157.7	236.5
98	60.4	50.9	76.3





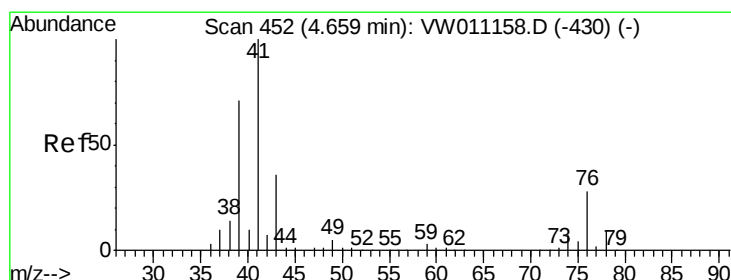
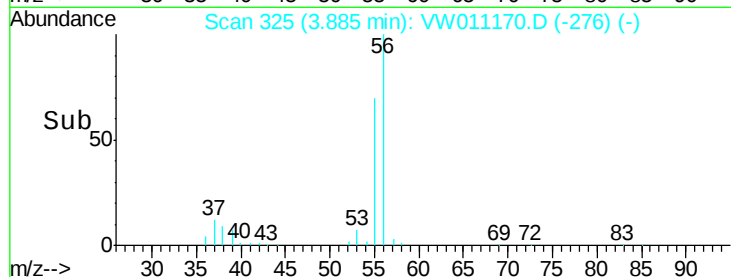
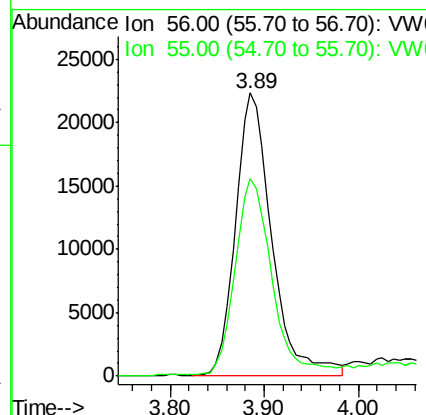
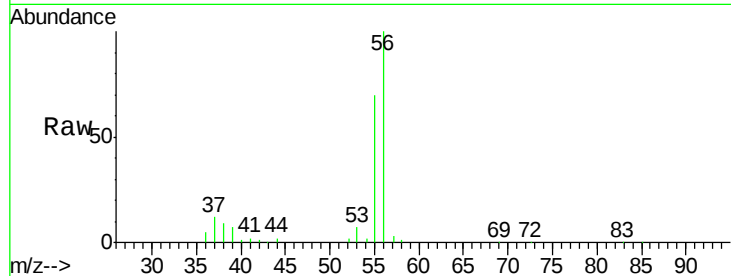
#13
Acrolein
Concen: 334.685 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	55	Ratio	100	Resp	59339
Ion	56	55	Ratio	100	Lower	Upper
					56.4	84.6

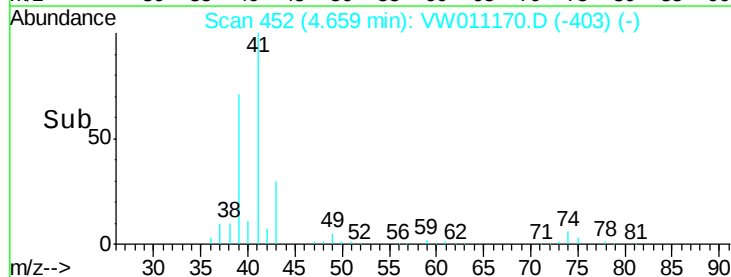
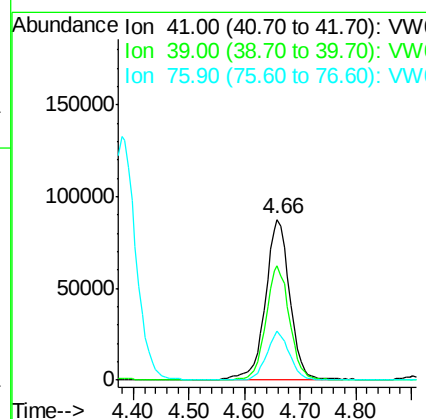
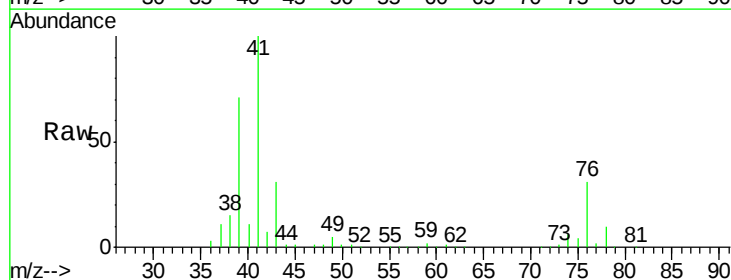
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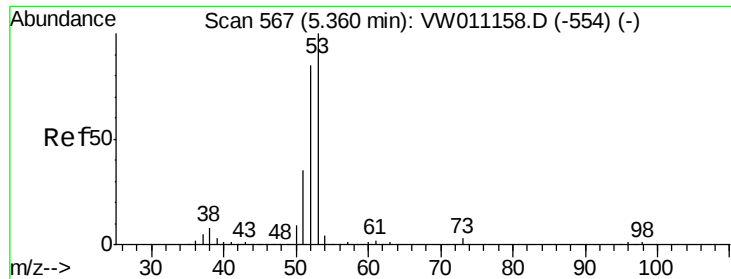
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#14
Allyl chloride
Concen: 54.995 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	41	39	76	Ratio	100	Resp	266637
Ion	41	39	76	Ratio	100	Lower	Upper
						55.1	82.7
						22.5	33.7





#15

Acrylonitrile

Concen: 240.792 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

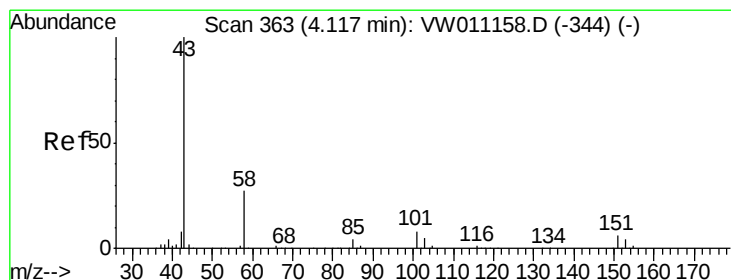
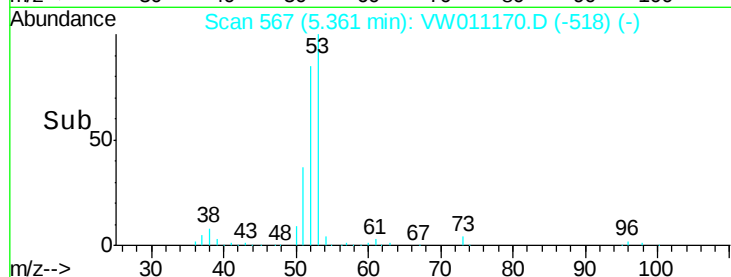
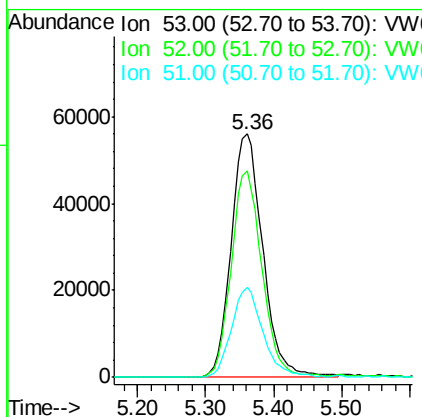
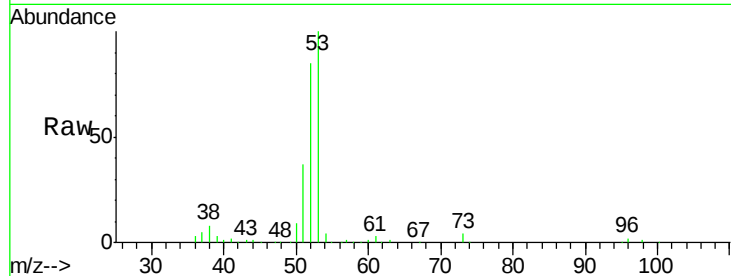
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	181467
Ion Ratio		Lower	Upper
53	100		
52	82.3	66.2	99.4
51	36.8	29.1	43.7

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#16

Acetone

Concen: 287.731 ug/l

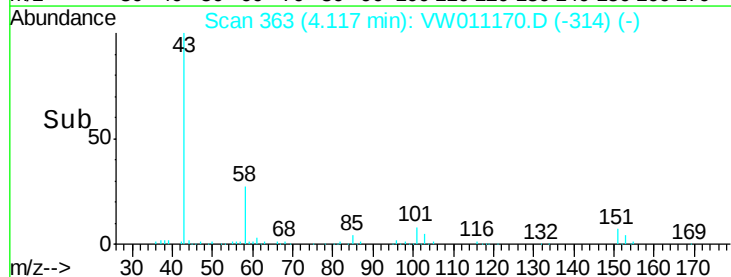
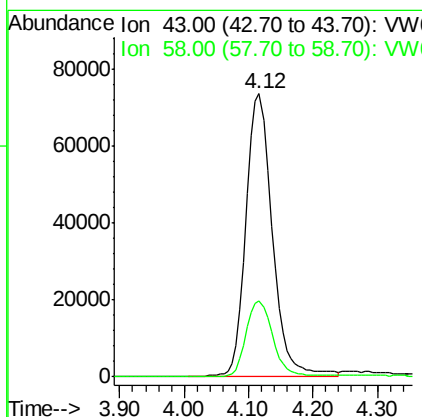
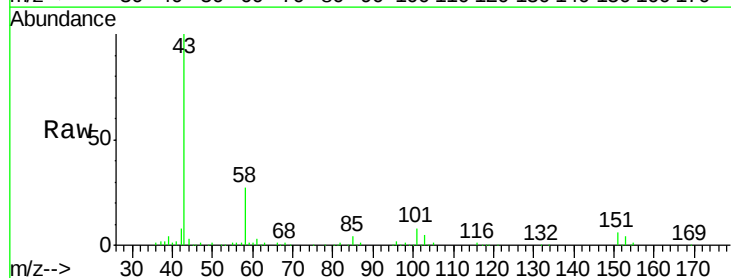
RT: 4.12 min Scan# 363

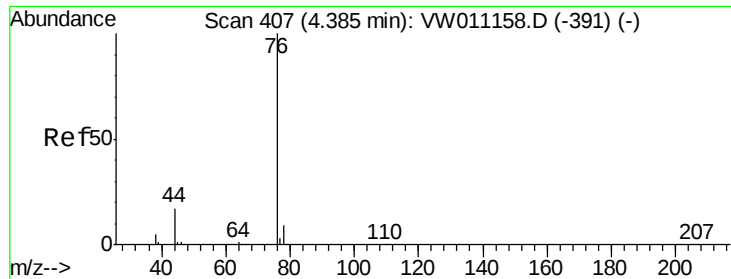
Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Tgt Ion:	43	Resp:	208203
Ion Ratio		Lower	Upper
43	100		
58	26.6	21.8	32.6





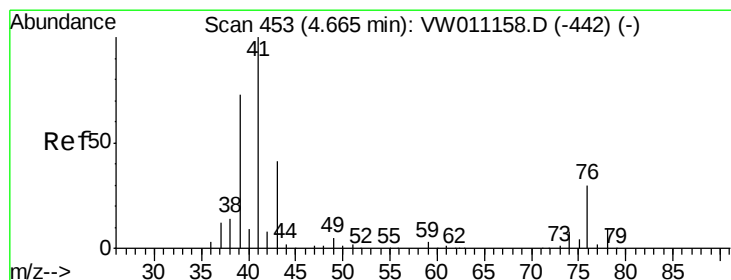
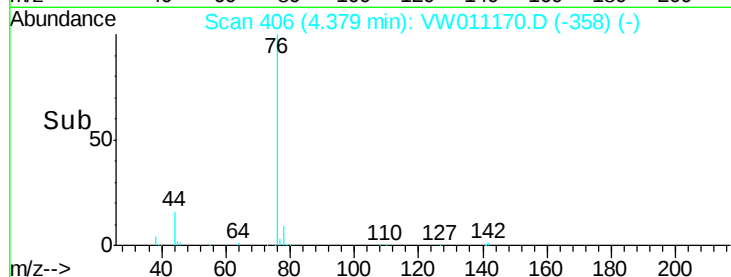
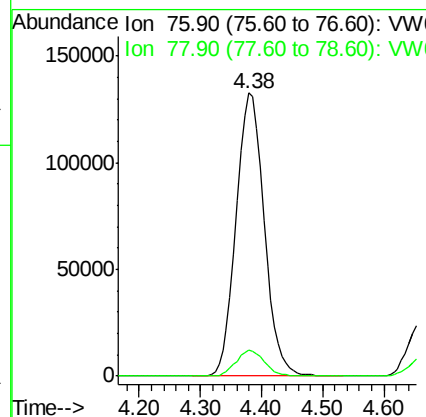
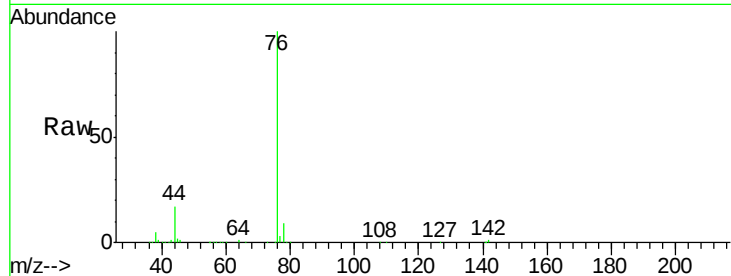
#17
Carbon Disulfide
Concen: 52.314 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

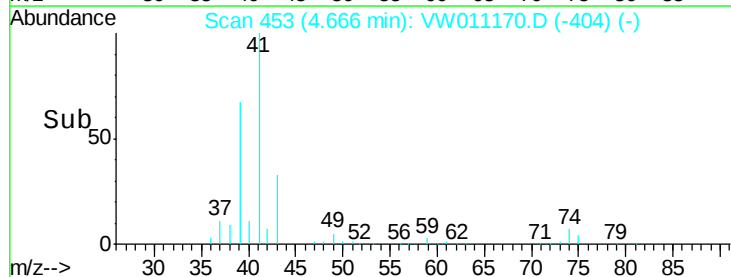
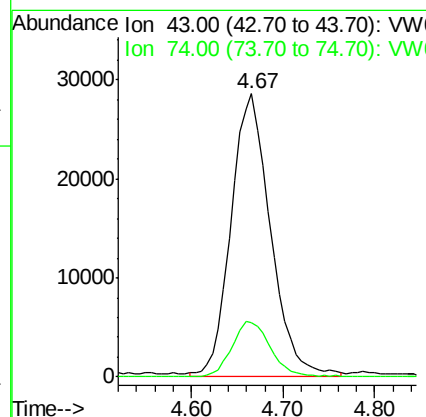
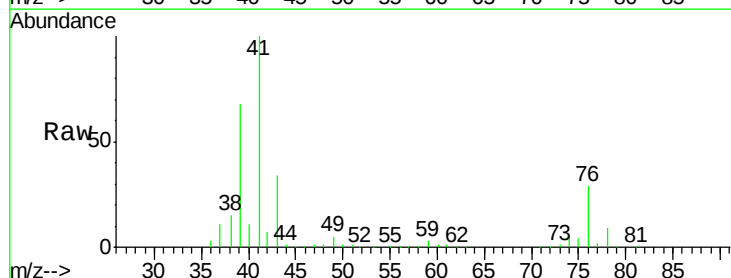
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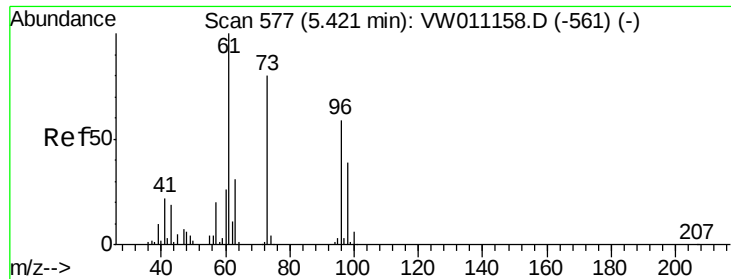
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#18
Methyl Acetate
Concen: 40.916 ug/l m
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.5	15.7	23.5





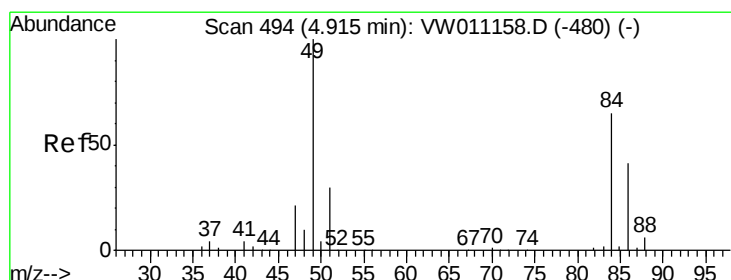
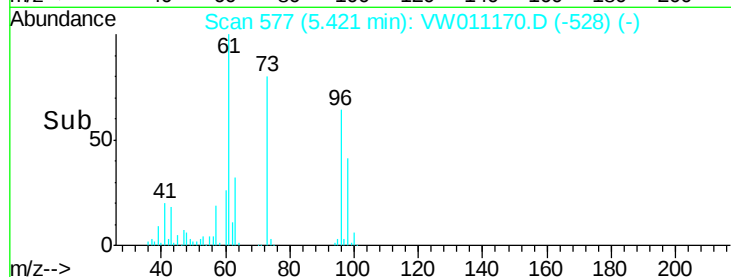
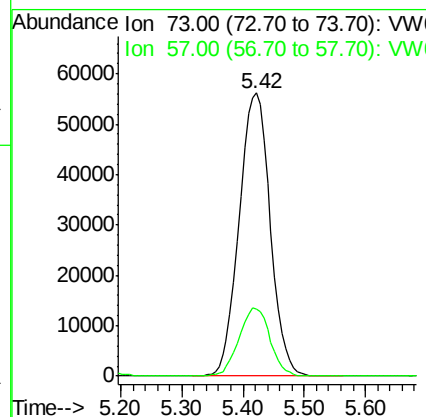
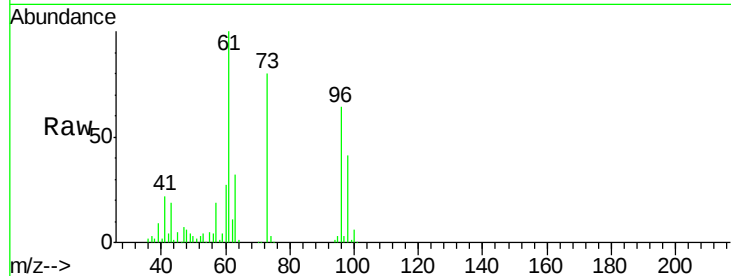
#19
Methvl tert-butvl Ether
Concen: 48.915 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 197334
Ion Ratio Lower Upper
73 100
57 23.9 19.7 29.5

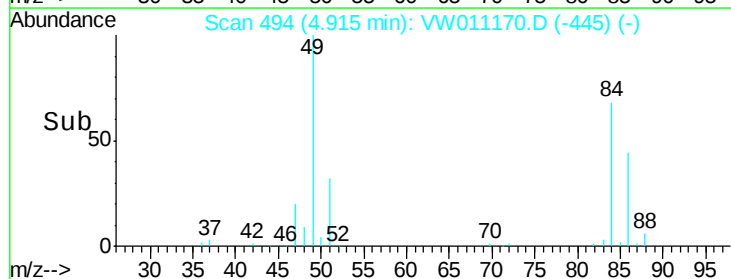
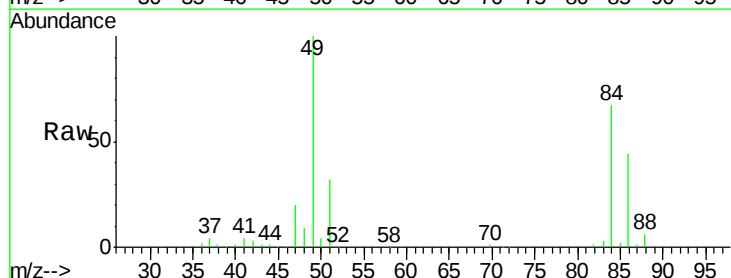
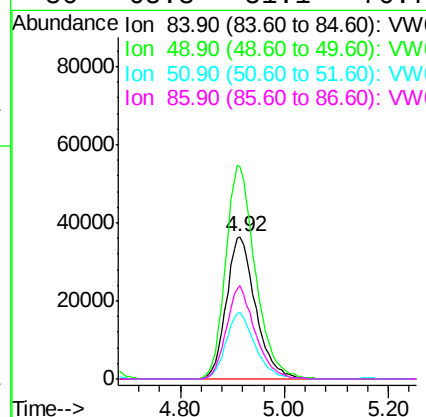
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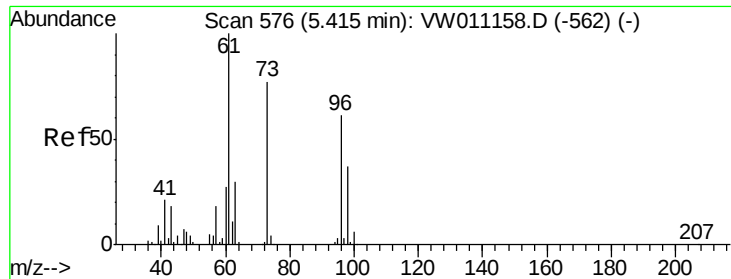
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#20
Methylene Chloride
Concen: 50.342 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 84 Resp: 143705
Ion Ratio Lower Upper
84 100
49 149.0 123.8 185.6
51 46.9 37.4 56.2
86 65.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.195 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 141438

Ion Ratio Lower Upper

96 100

61 162.6 132.2 198.2

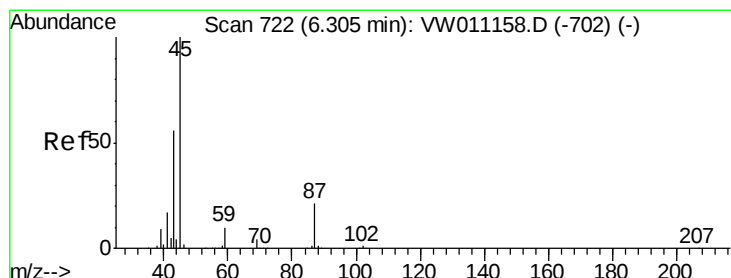
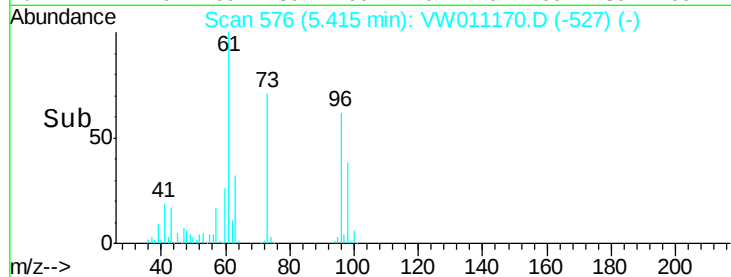
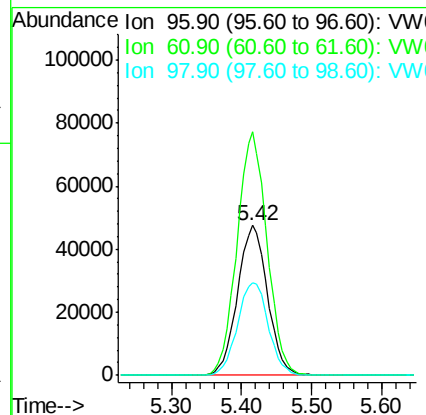
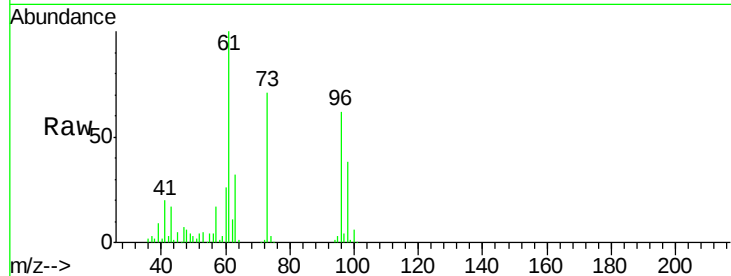
98 62.2 49.4 74.0

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#22

Diisopropyl ether

Concen: 50.321 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Tgt Ion: 45 Resp: 524746

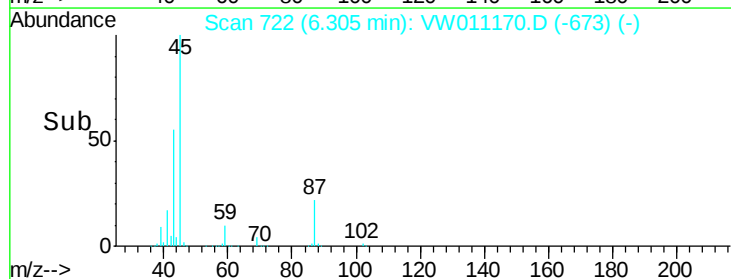
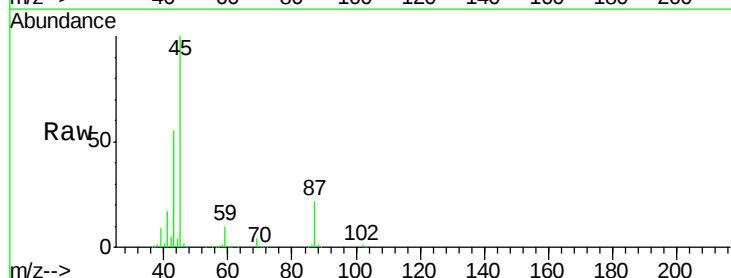
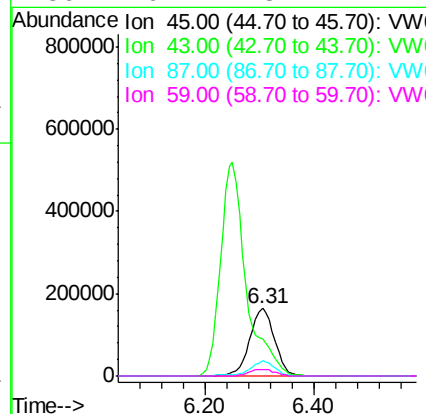
Ion Ratio Lower Upper

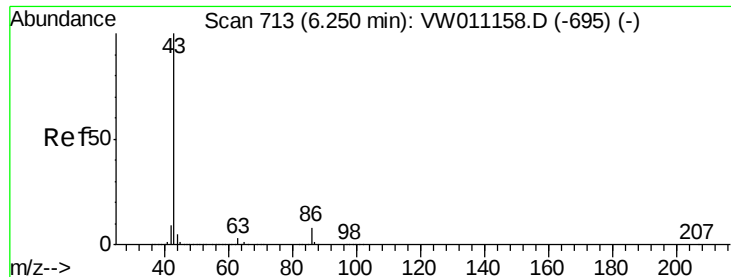
45 100

43 54.9 44.6 66.8

87 21.9 17.3 25.9

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 262.450 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1693750

Ion Ratio Lower Upper

43 100

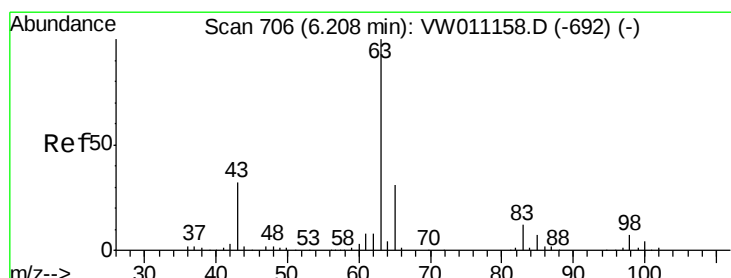
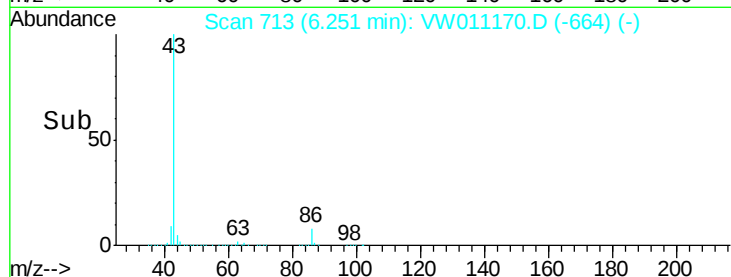
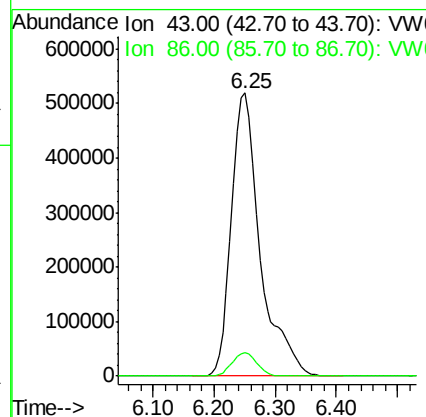
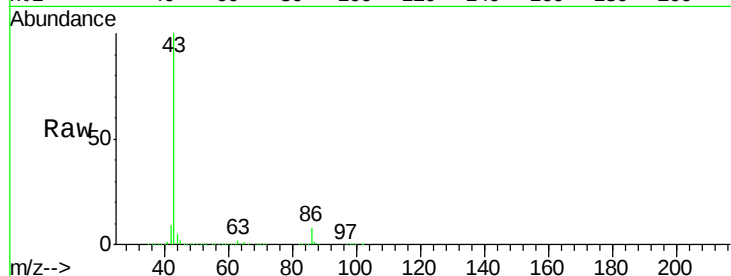
86 8.3 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.439 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

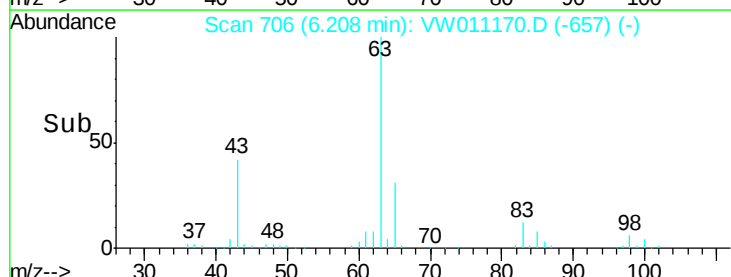
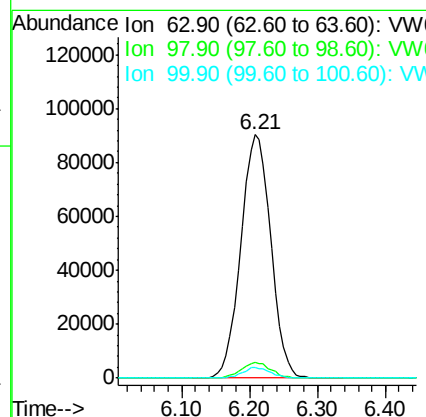
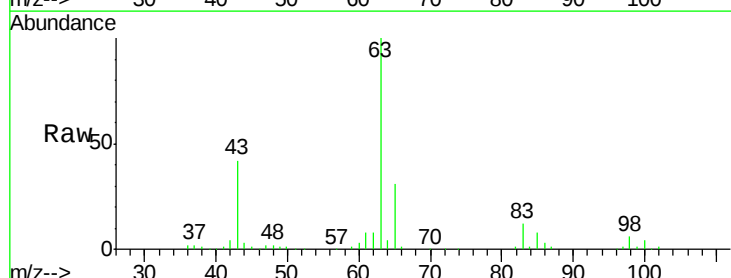
Tgt Ion: 63 Resp: 276200

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 247.892 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 281572

Ion Ratio Lower Upper

43 100

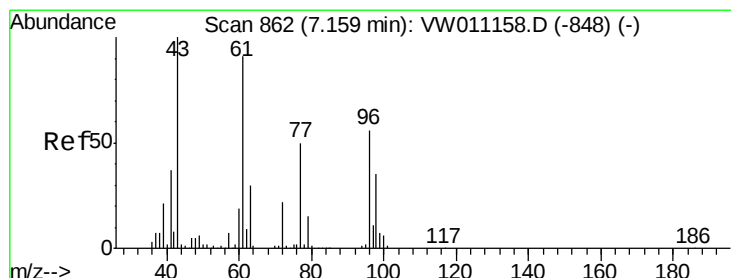
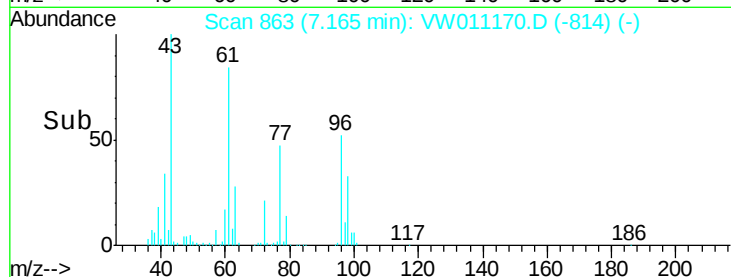
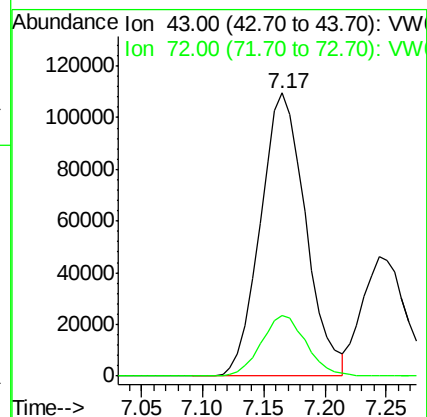
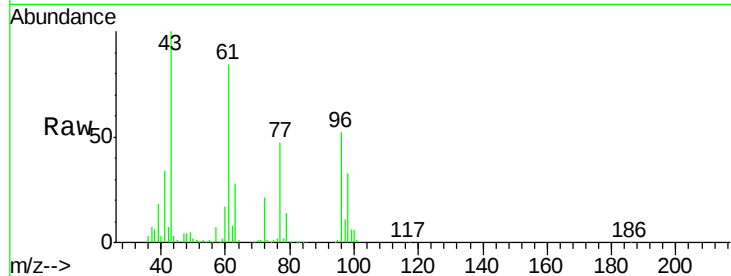
72 21.3 17.6 26.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.721 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW011170.D

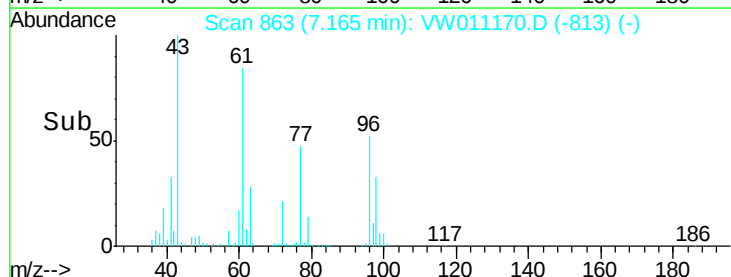
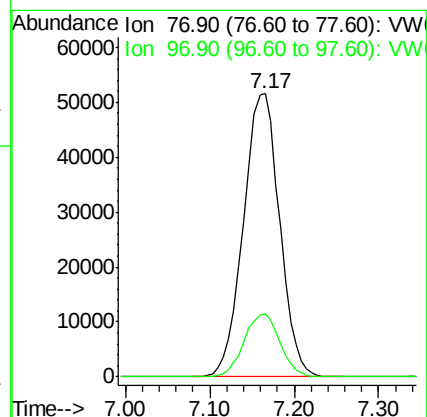
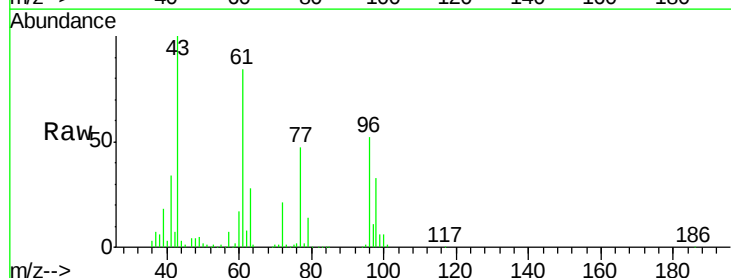
Acq: 09 Jul 2019 10:54

Tgt Ion: 77 Resp: 150068

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.5





#27

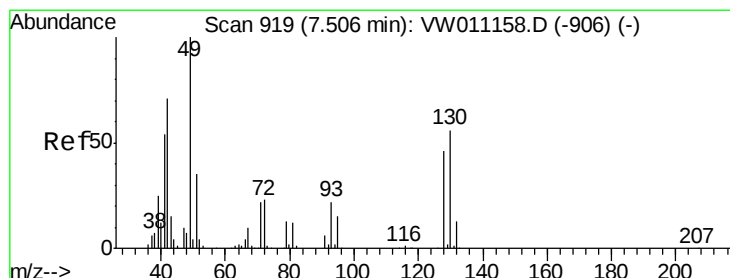
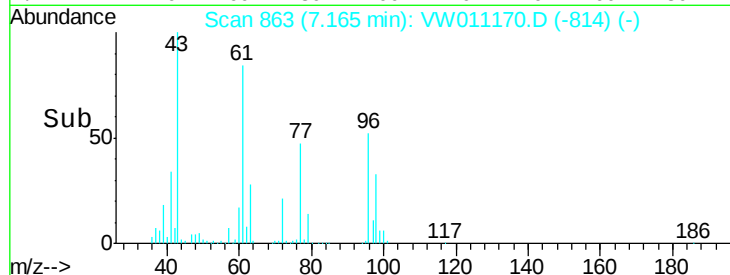
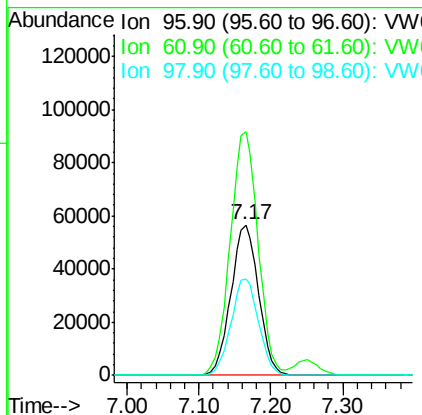
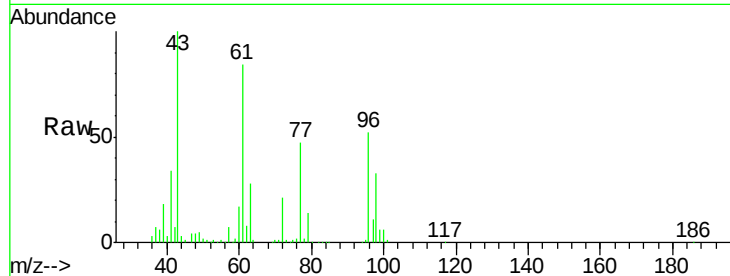
cis-1,2-Dichloroethene
Concen: 50.627 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	163.1	0.0	325.6	
98	63.9	0.0	128.2	

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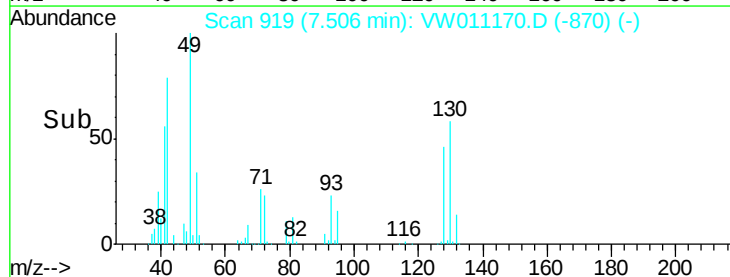
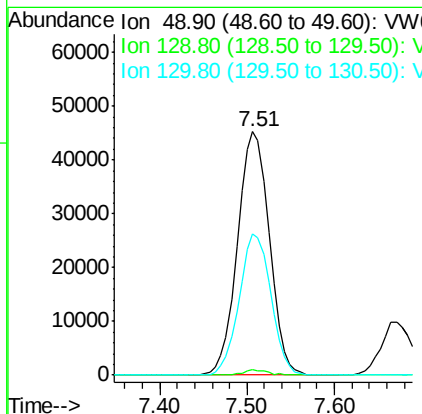
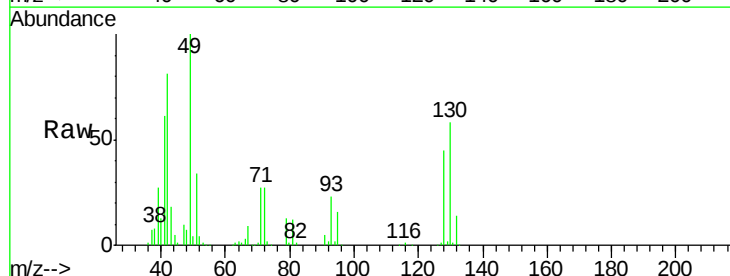
MMDadoda
7/10/2019 10:47:28 AM

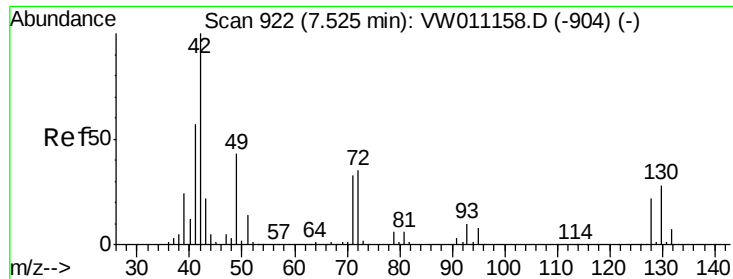


#28

Bromochloromethane
Concen: 46.102 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	1.4#	
130	57.9	45.8	68.8	





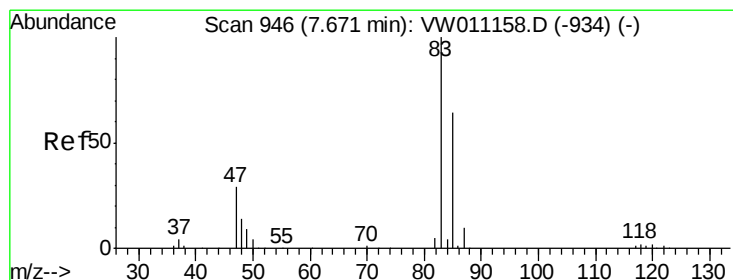
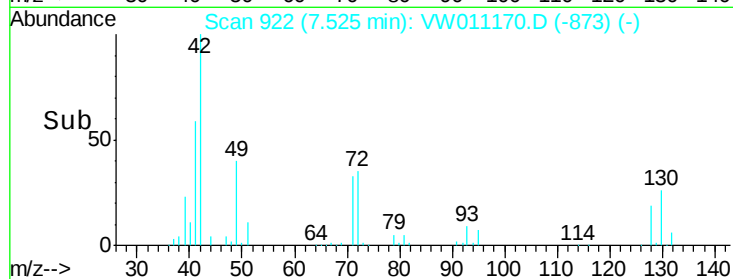
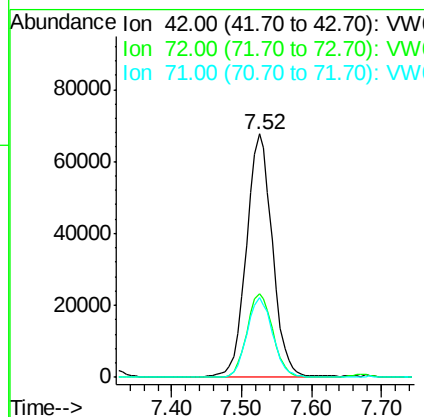
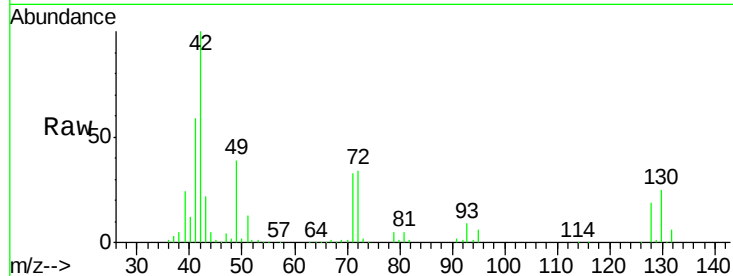
#29
Tetrahydrofuran
Concen: 234.388 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.5	27.4	41.2
71	32.5	25.9	38.9

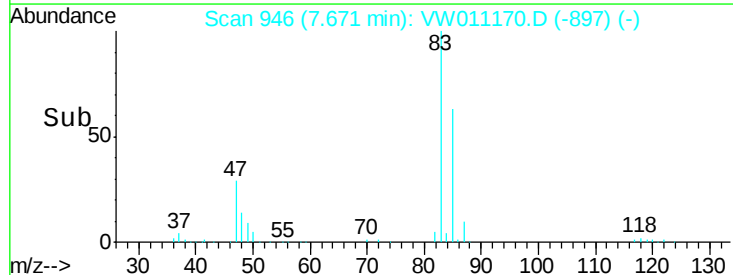
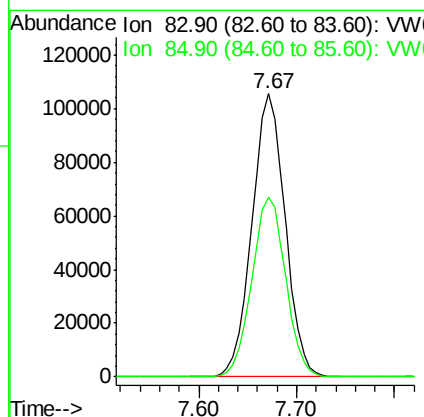
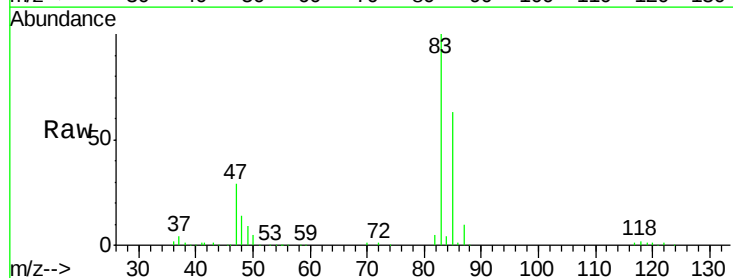
Manual Integrations
APPROVED

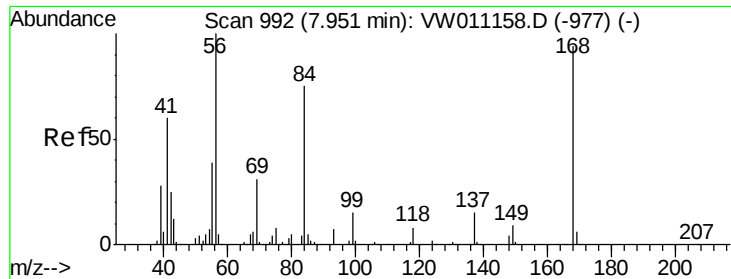
MMDadoda
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#30
Chloroform
Concen: 49.213 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.4	77.2





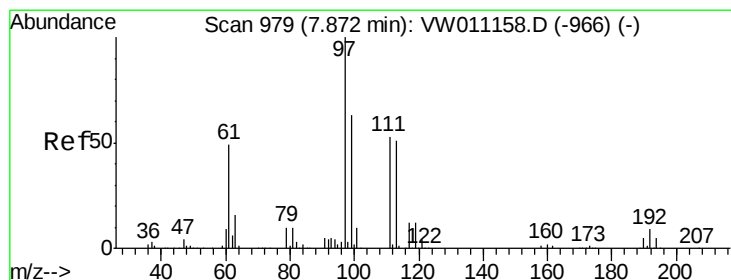
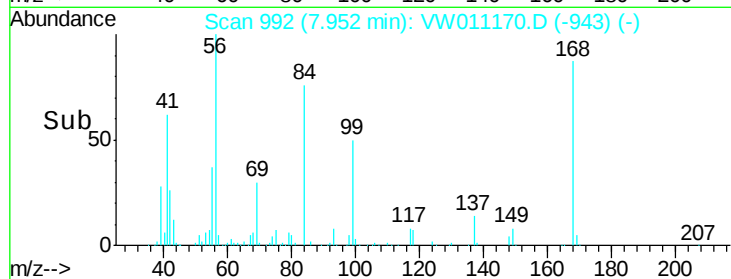
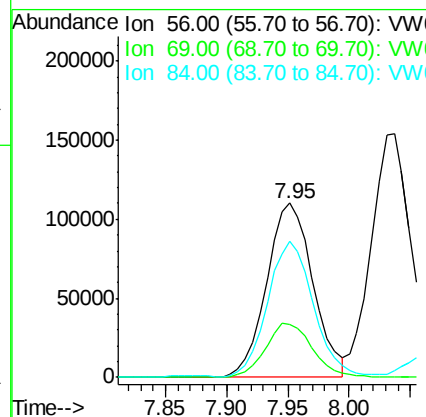
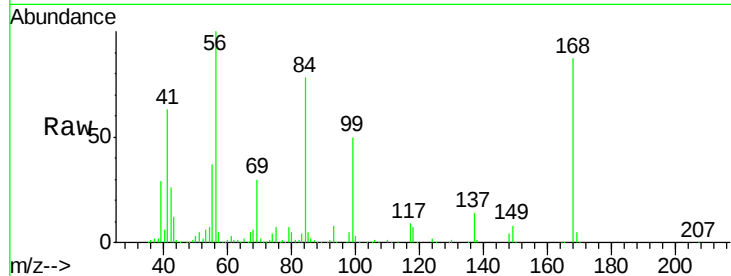
#31
Cyclohexane
Concen: 49.836 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	290320		
69	30.5		24.6	36.8
84	76.8		60.1	90.1

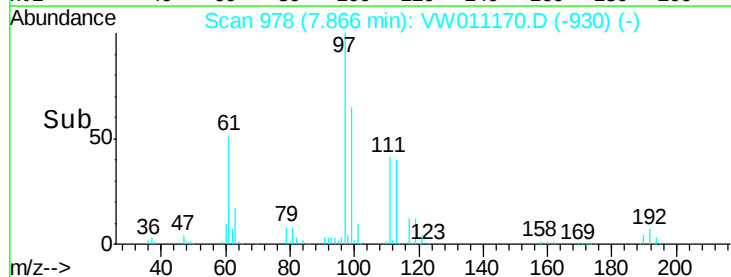
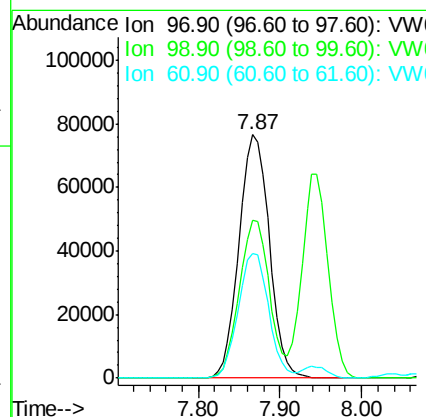
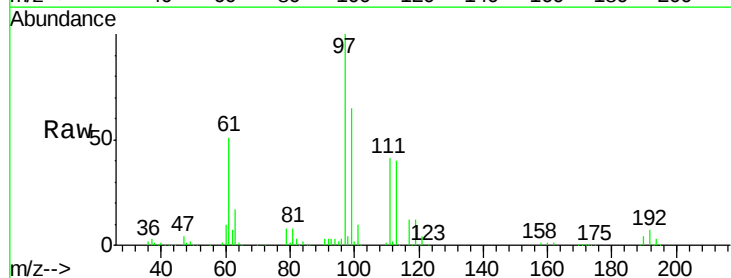
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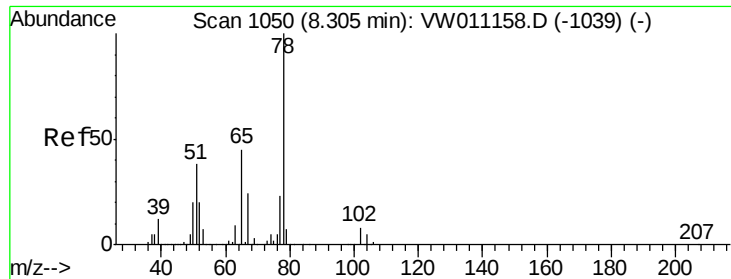
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.192 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	197480		
99	65.0		51.0	76.4
61	51.3		40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 44.658 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 134302

Ion Ratio Lower Upper

65 100

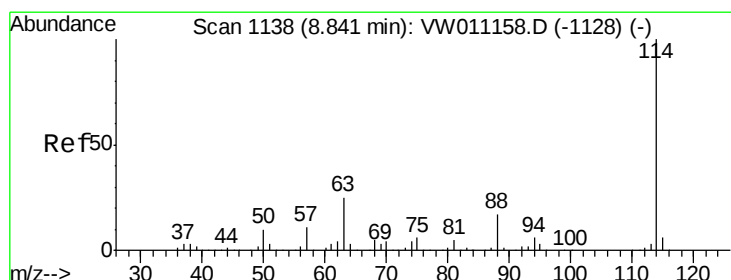
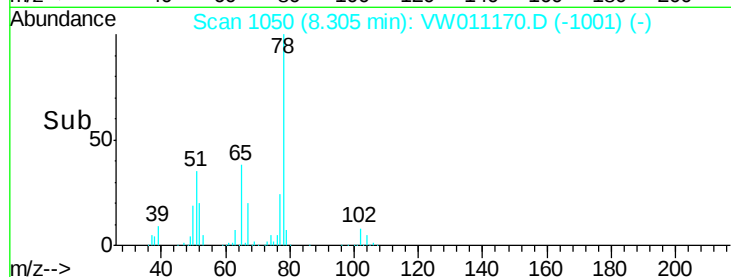
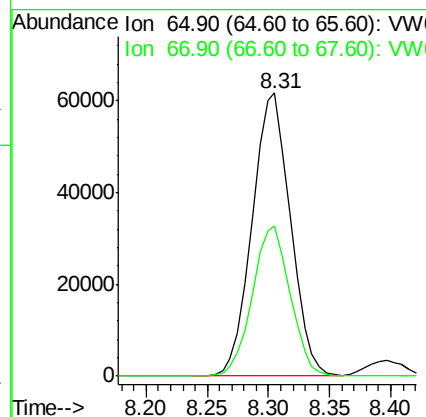
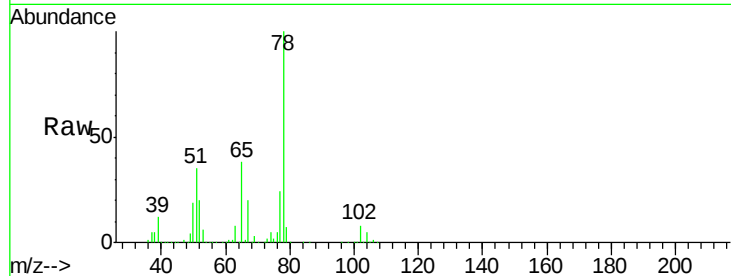
67 52.5 0.0 104.4

Manual Integrations

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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: VW011170.D

Acq: 09 Jul 2019 10:54

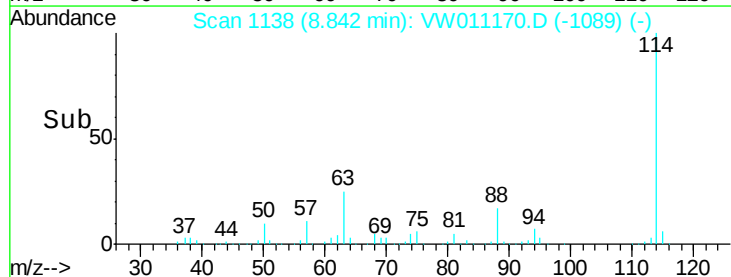
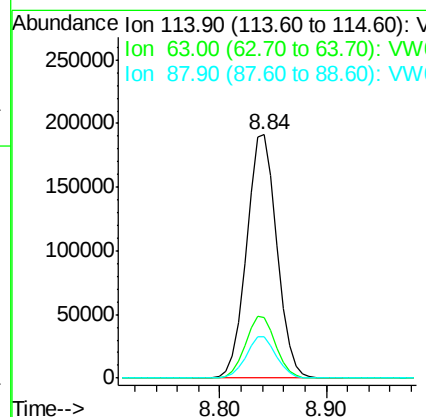
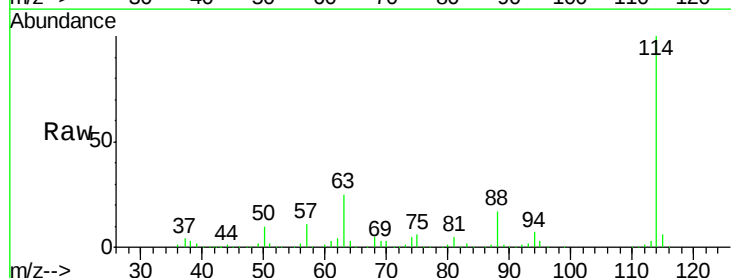
Tgt Ion: 114 Resp: 380825

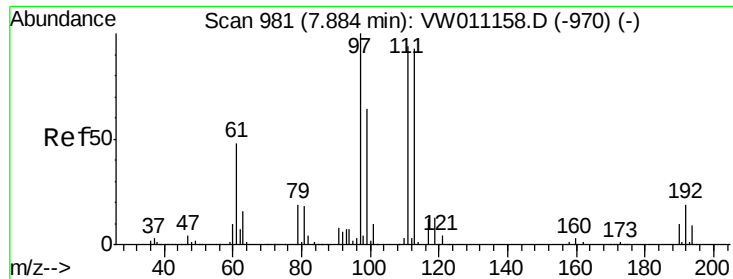
Ion Ratio Lower Upper

114 100

63 24.9 0.0 50.8

88 16.8 0.0 34.2





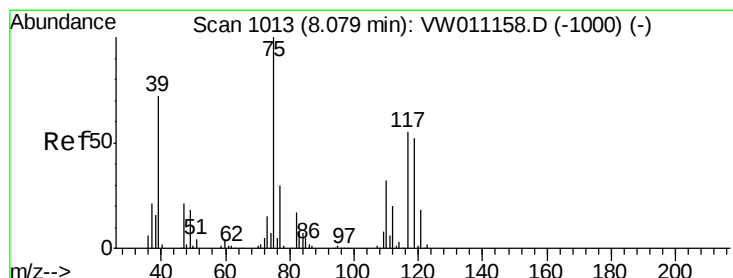
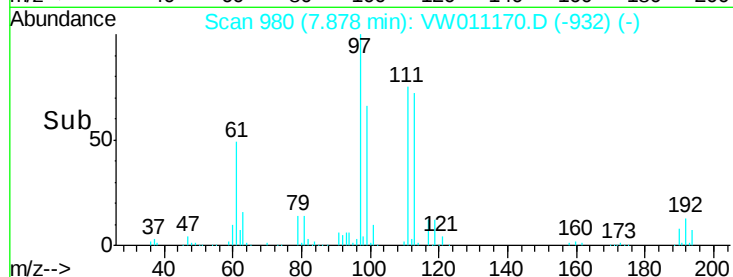
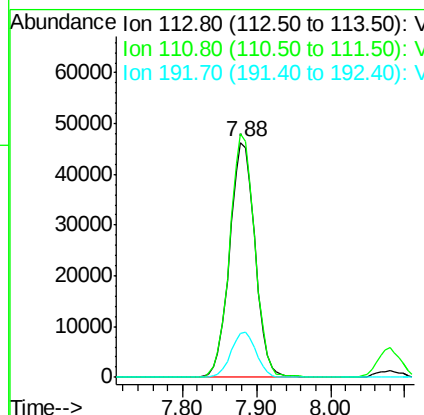
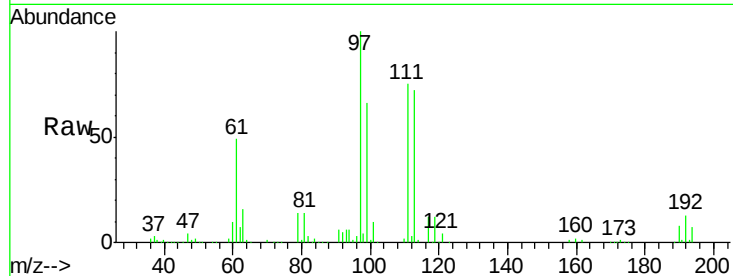
#35
Dibromofluoromethane
Concen: 48.535 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110168		
111	102.3	82.4	123.6	
192	19.2	15.8	23.8	

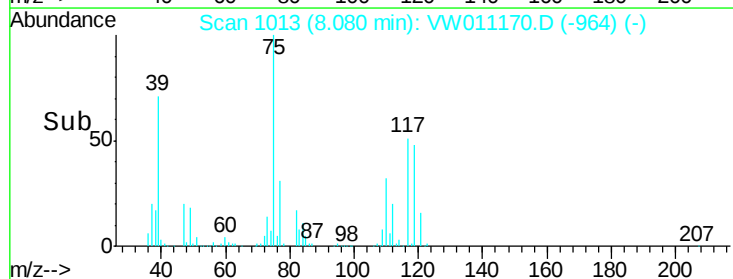
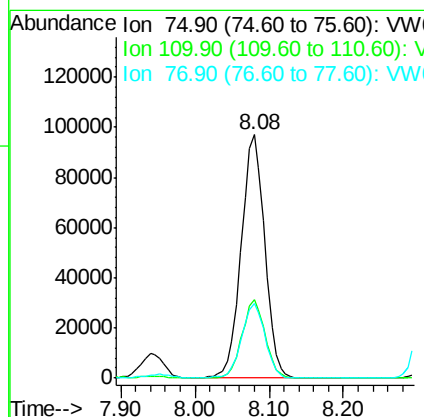
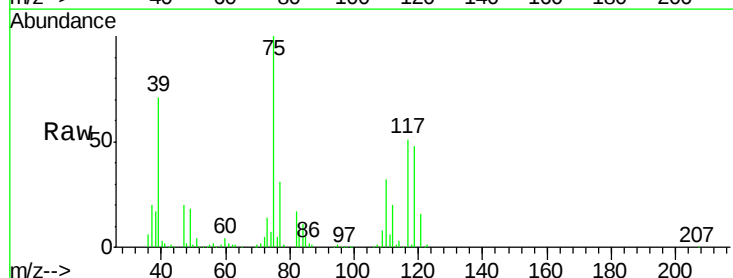
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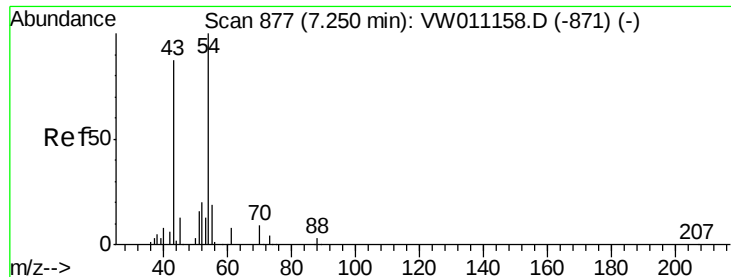
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#36
1,1-Dichloropropene
Concen: 53.285 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216094		
110	31.4	15.9	47.6	
77	30.7	24.6	36.8	





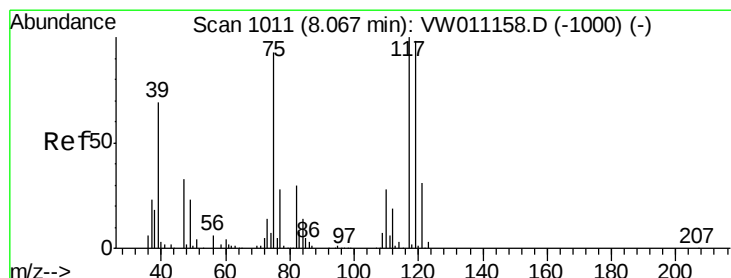
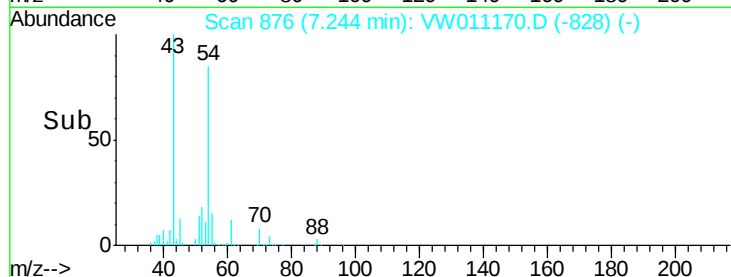
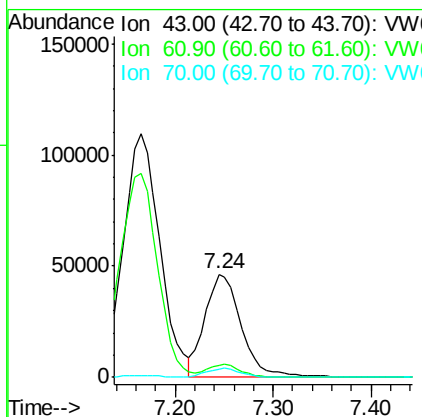
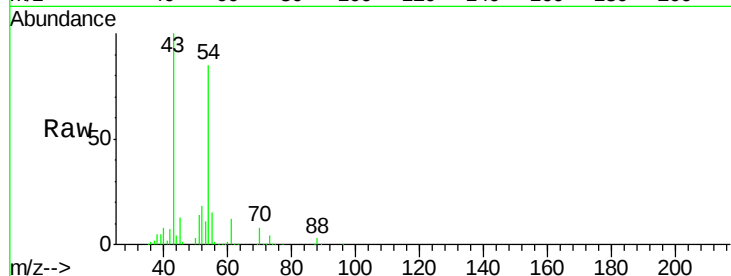
#37
Ethyl Acetate
Concen: 48.200 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	117444		
61	12.0		9.5	14.3
70	8.9		7.1	10.7

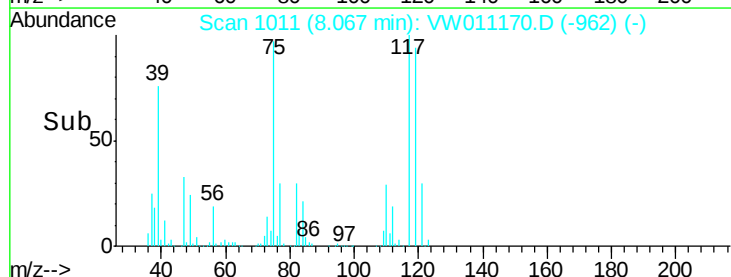
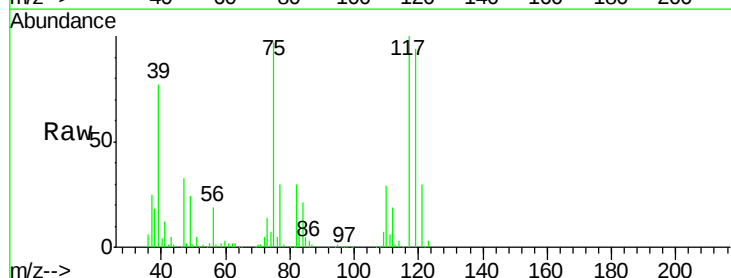
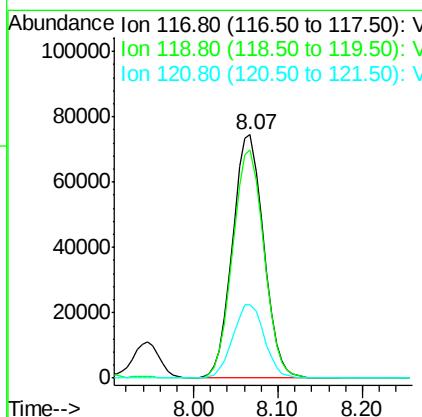
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#38
Carbon Tetrachloride
Concen: 54.417 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	187080		
119	93.6		78.1	117.1
121	30.3		25.1	37.7





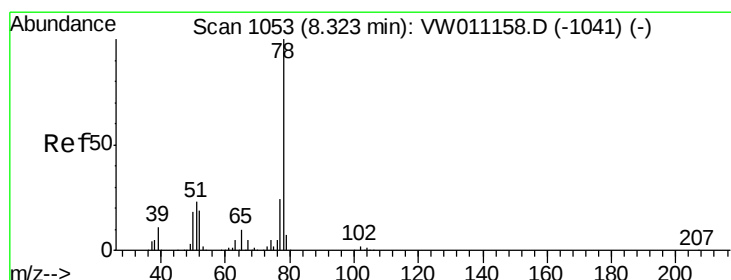
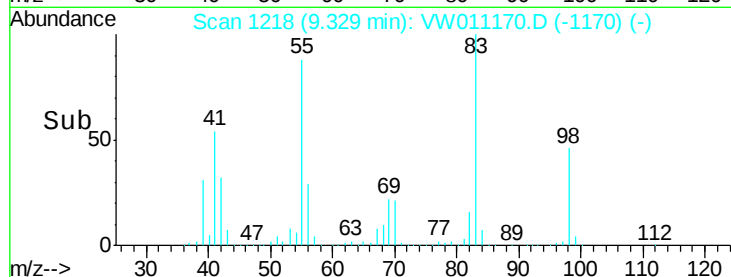
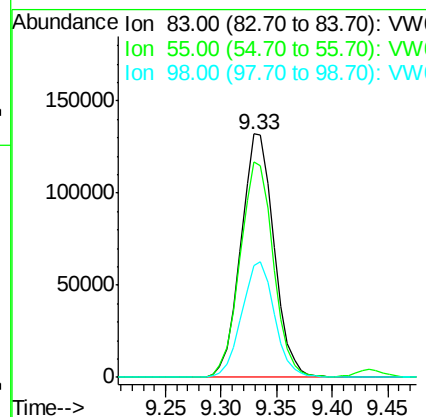
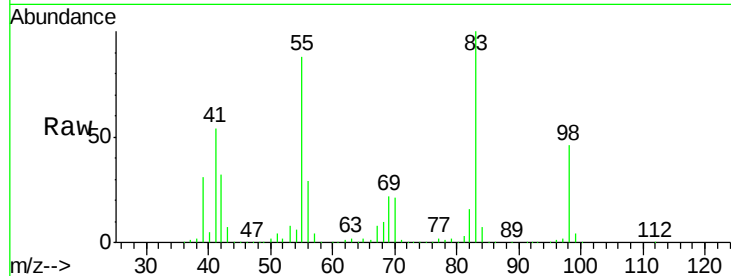
#39
Methvlcvclohexane
Concen: 55.650 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	273542
Ion Ratio	100	Lower	Upper
83	100		
55	88.2	71.2	106.8
98	46.1	37.5	56.3

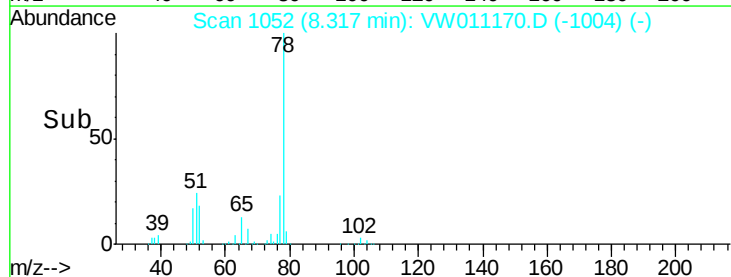
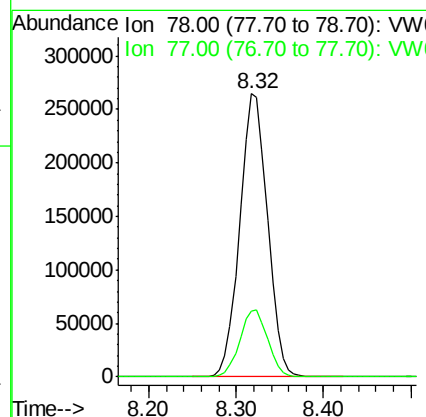
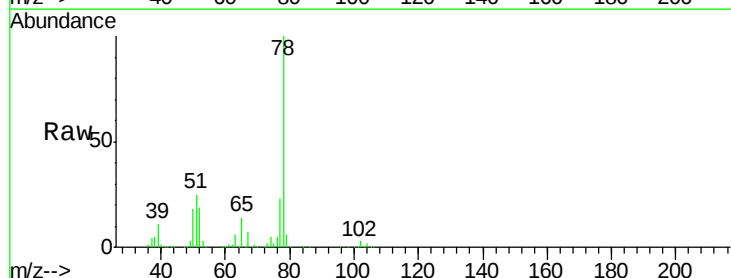
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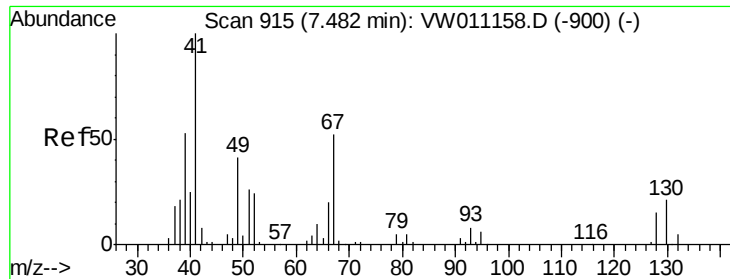
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#40
Benzene
Concen: 52.298 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	78	Resp	586140
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	19.0	28.6





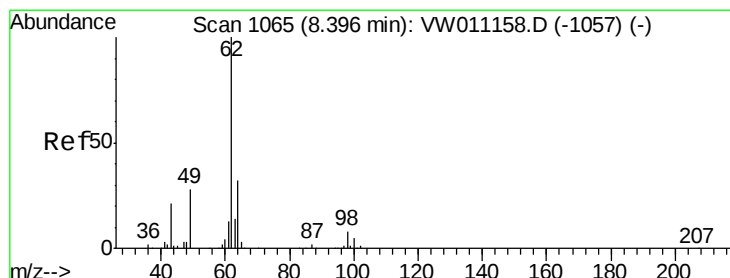
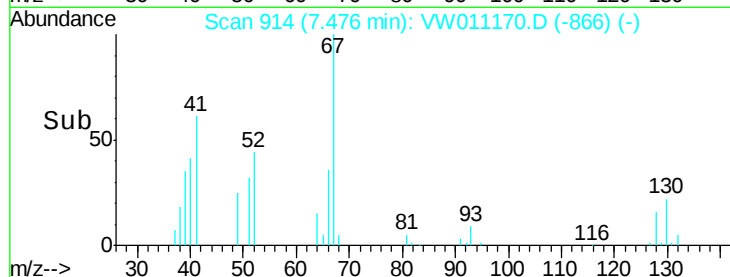
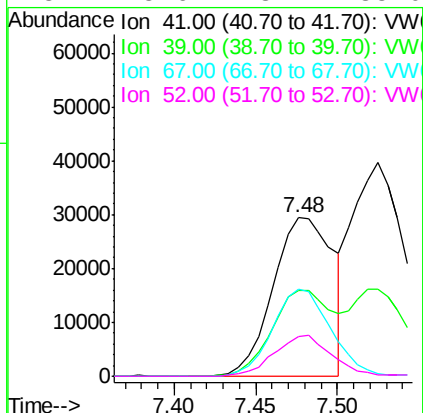
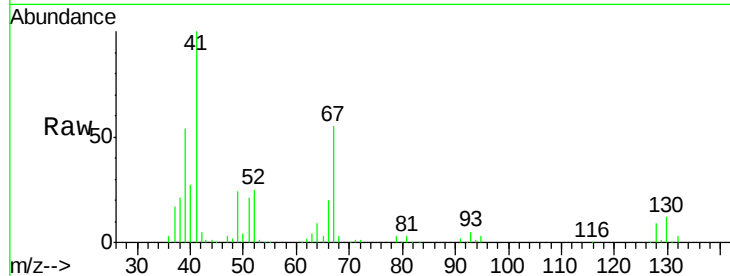
#41
Methacrylonitrile
Concen: 53.673 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	48.0	72.0	
67	53.8	49.7	74.5	
52	25.6	23.4	35.0	

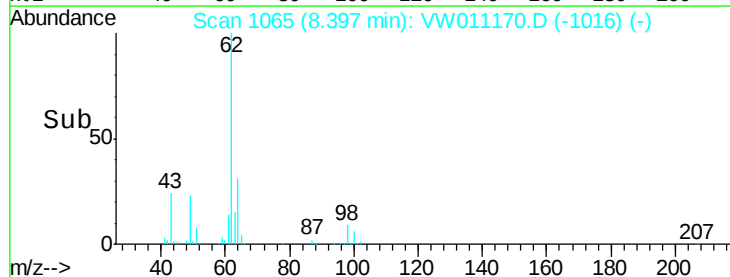
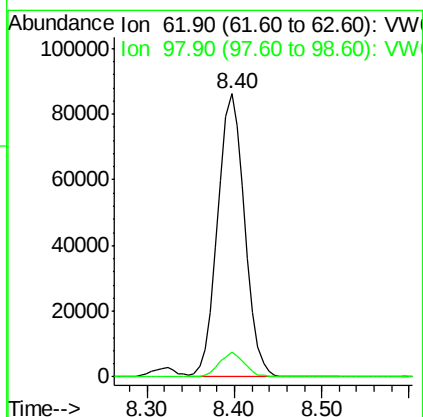
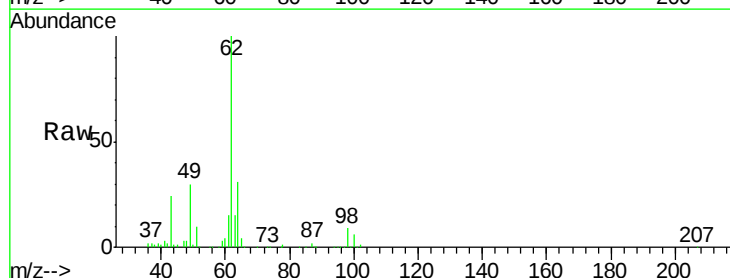
Manual Integrations
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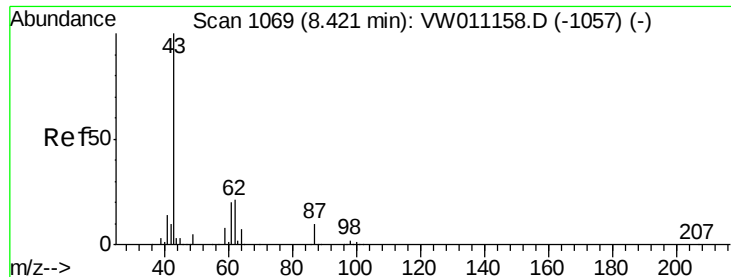
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.678 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.8	





#43

Isopropyl Acetate

Concen: 49.750 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

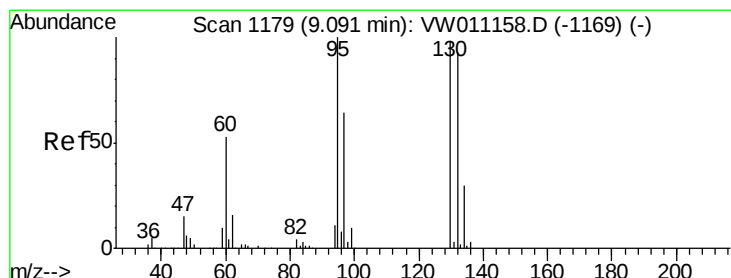
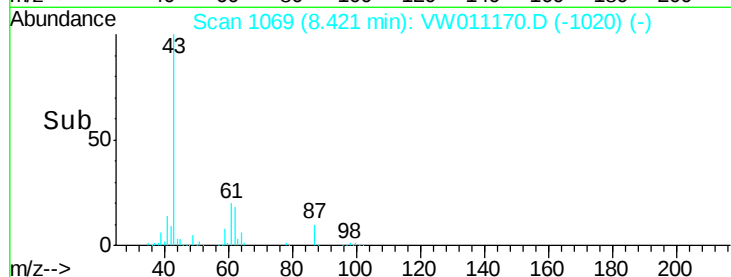
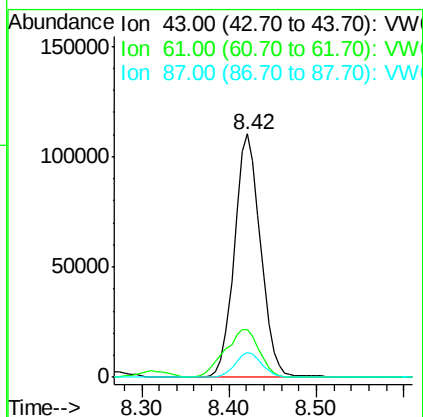
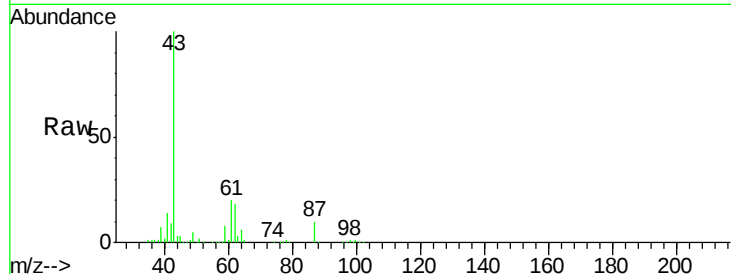
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	228866
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.7	31.1
87	10.3	8.1	12.1

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#44

Trichloroethene

Concen: 53.336 ug/l

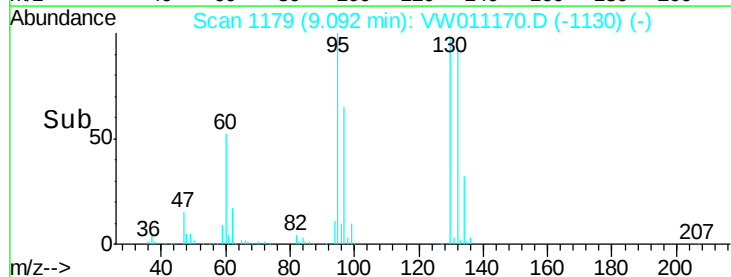
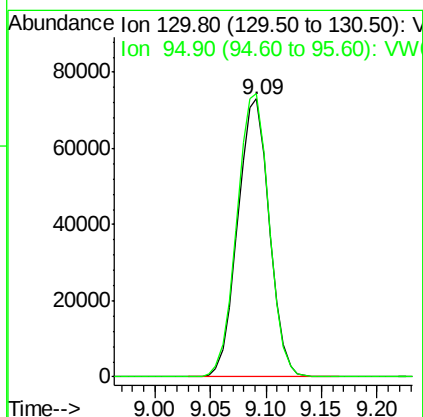
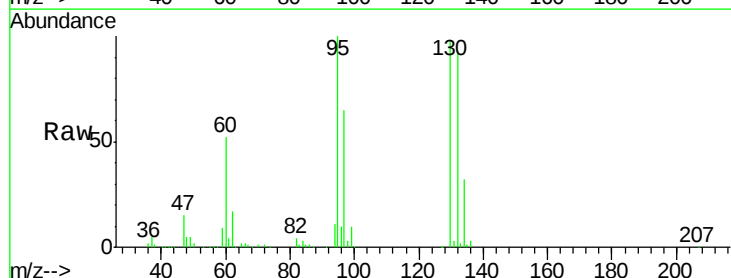
RT: 9.09 min Scan# 1179

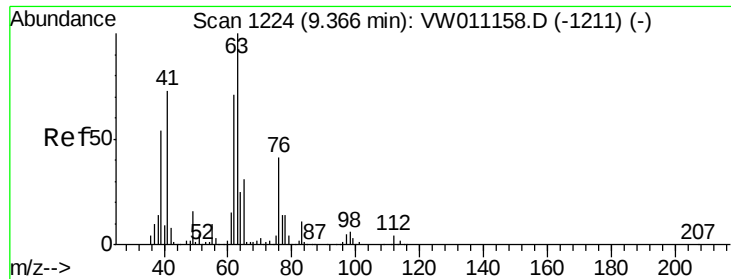
Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Tgt Ion:	130	Resp:	143848
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	203.6





#45

1,2-Dichloropropane

Concen: 51.782 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 157159

Ion Ratio Lower Upper

63 100

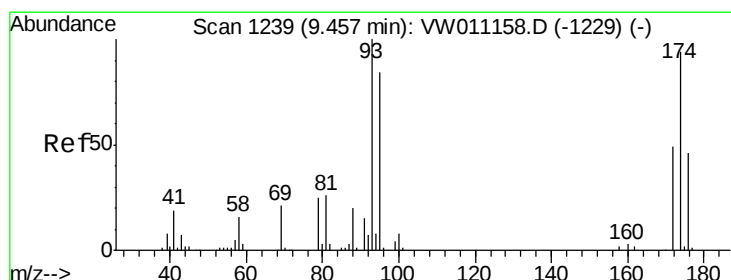
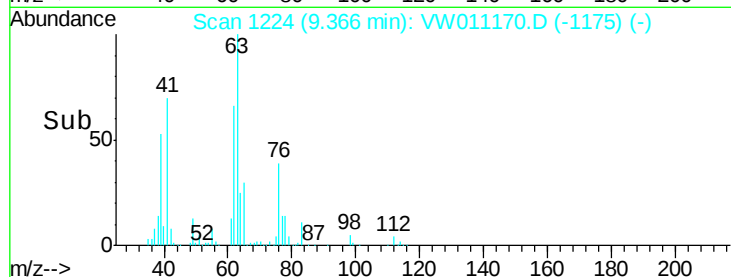
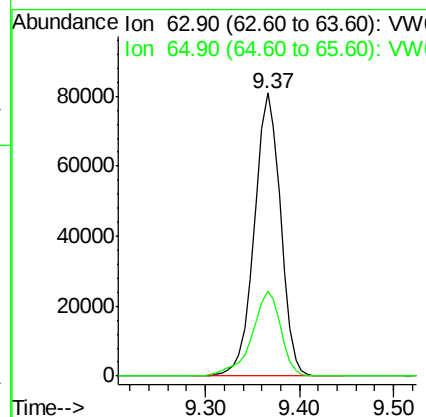
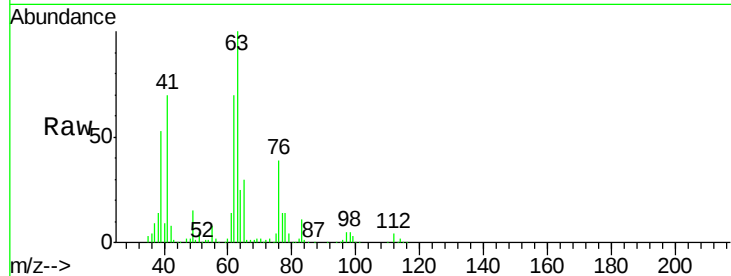
65 30.1 24.4 36.6

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#46

Dibromomethane

Concen: 49.829 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

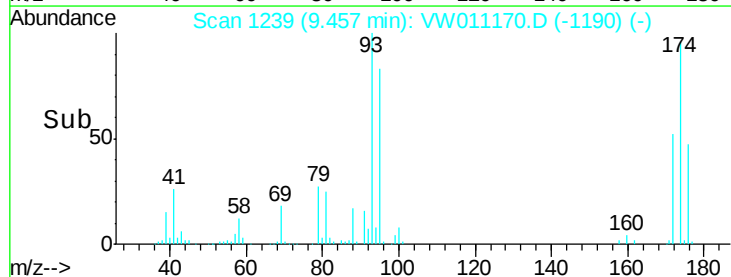
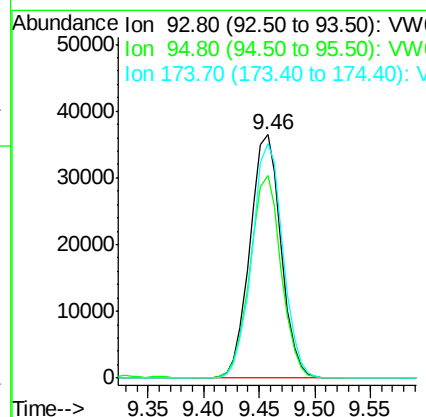
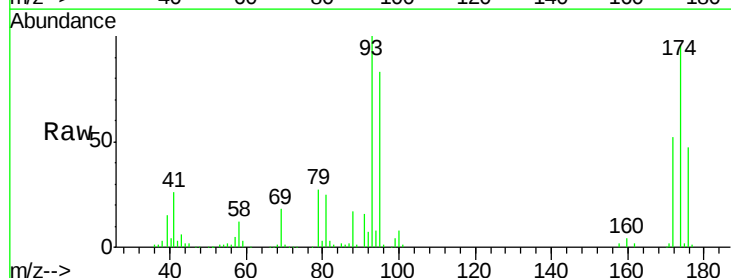
Tgt Ion: 93 Resp: 71040

Ion Ratio Lower Upper

93 100

95 83.5 67.2 100.8

174 96.2 76.3 114.5





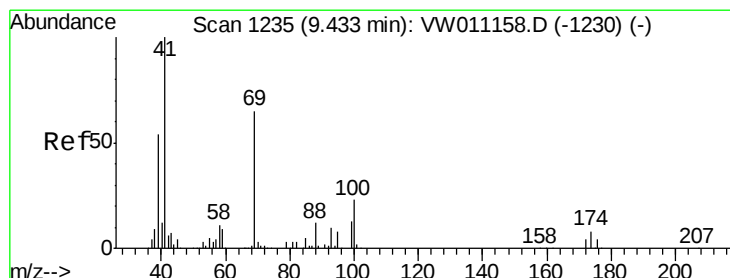
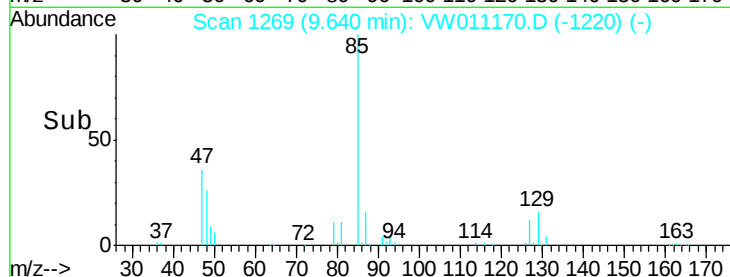
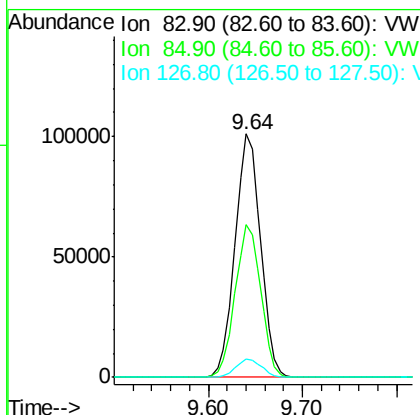
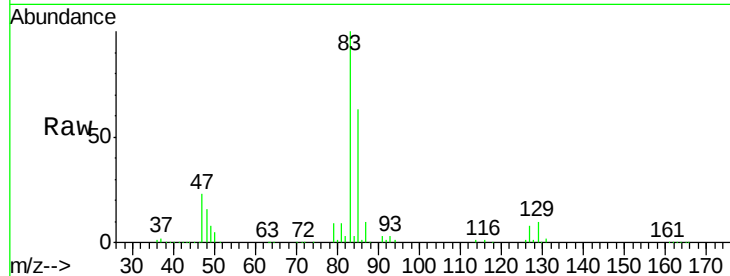
#47
Bromodichloromethane
Concen: 52.236 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	83	Resp	190549
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	51.0	76.4
127	7.6	6.0	9.0

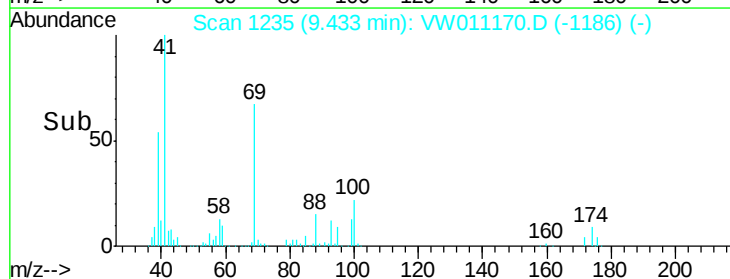
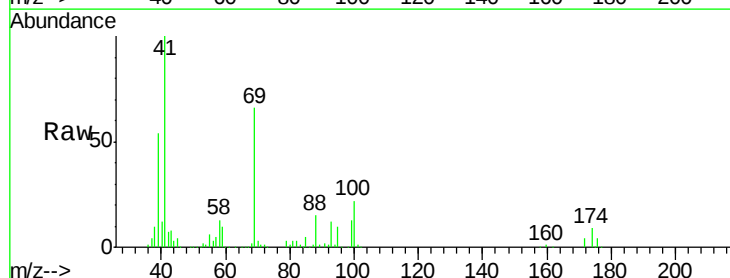
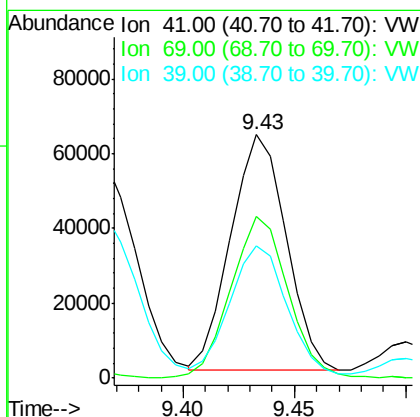
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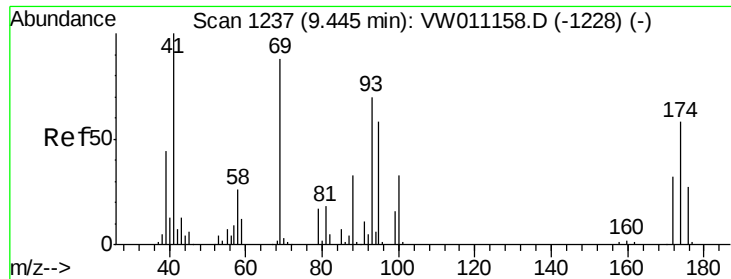
MMDadoda
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#48
Methyl methacrylate
Concen: 49.432 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	41	Resp	109402
Ion Ratio	100	Lower	Upper
41	100		
69	70.4	56.0	84.0
39	55.2	43.5	65.3





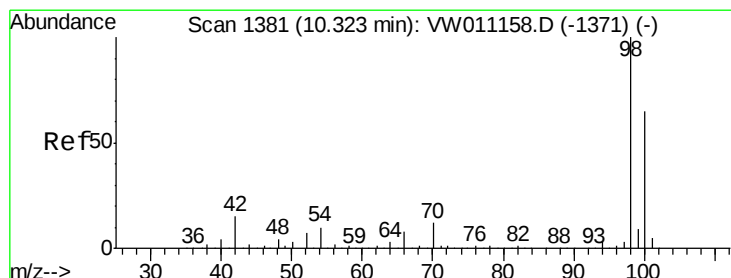
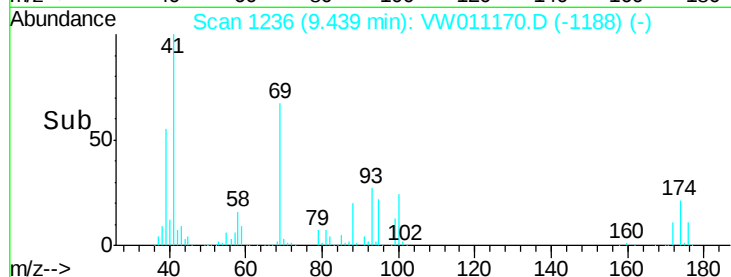
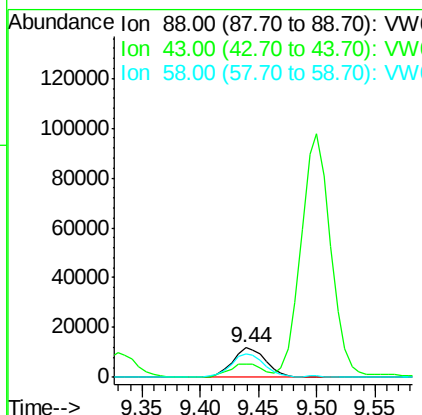
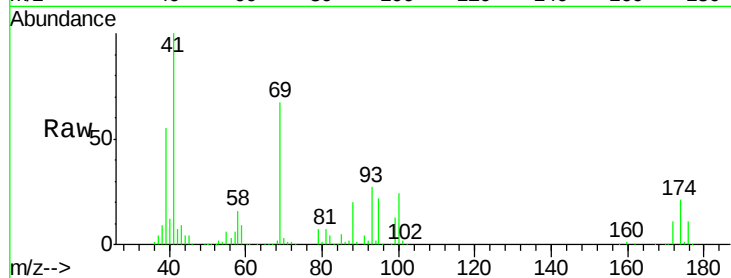
#49
1,4-Dioxane
Concen: 1010.119 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	24038
Ion	Ratio	Lower	Upper
88	100		
43	44.2	33.4	50.0
58	80.6	64.5	96.7

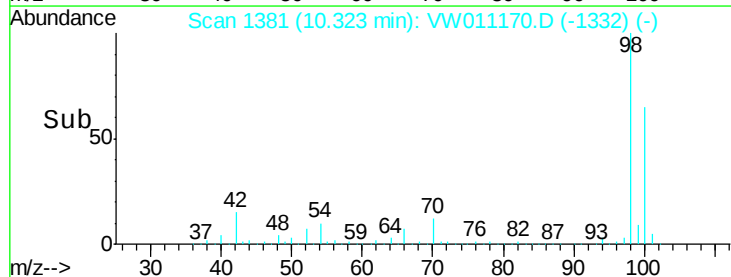
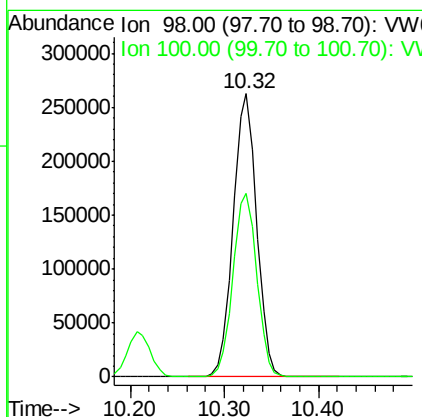
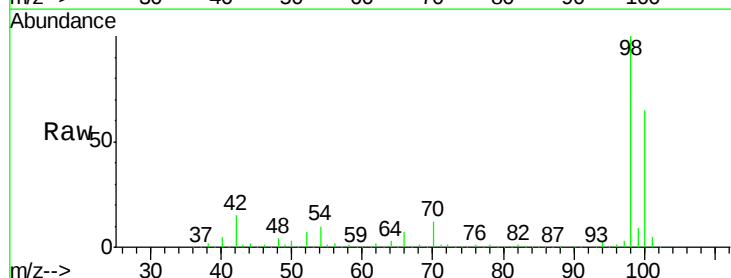
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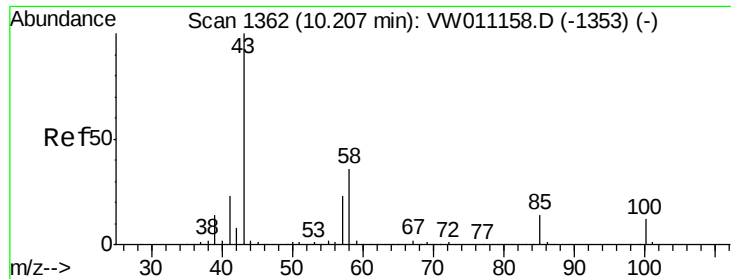
MMDadoda
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#50
Toluene-d8
Concen: 49.475 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	98	Resp	453943
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 247.319 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 594324

Ion Ratio Lower Upper

43 100

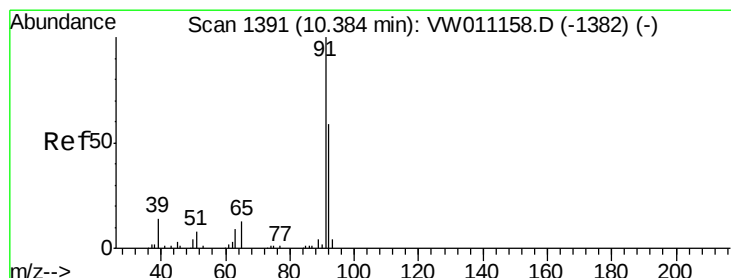
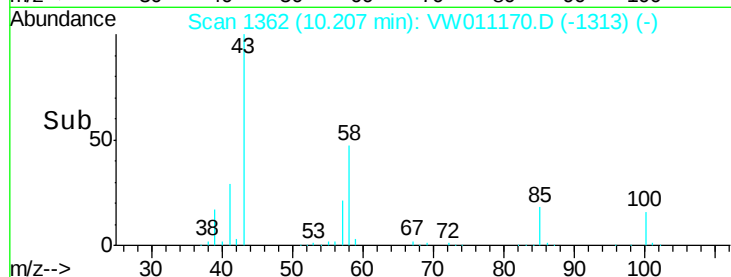
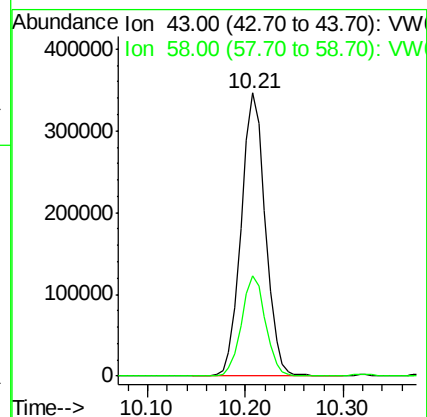
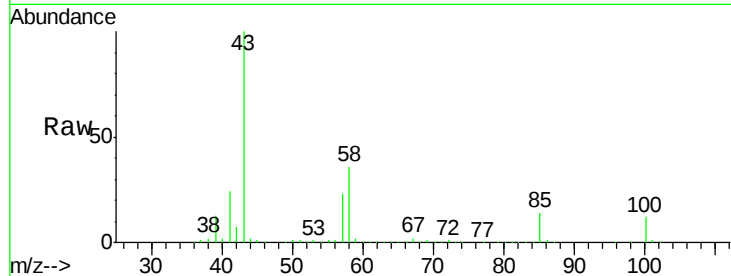
58 35.2 28.2 42.2

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#52

Toluene

Concen: 52.933 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011170.D

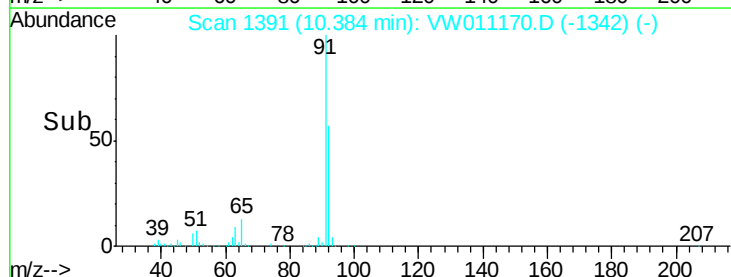
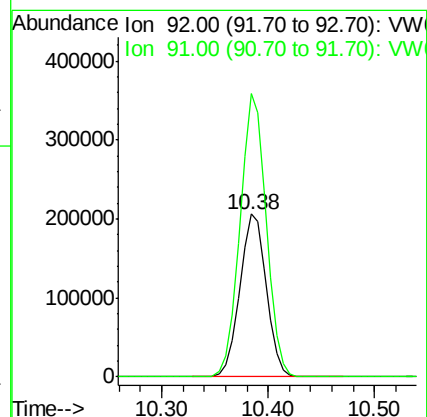
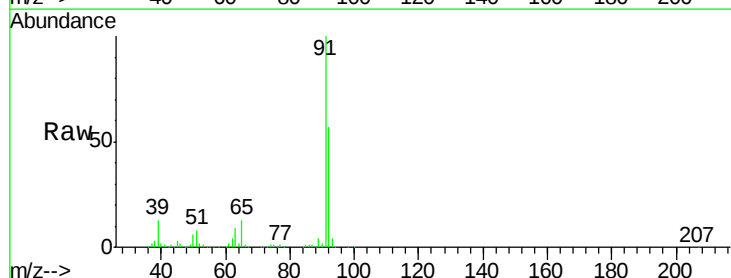
Acq: 09 Jul 2019 10:54

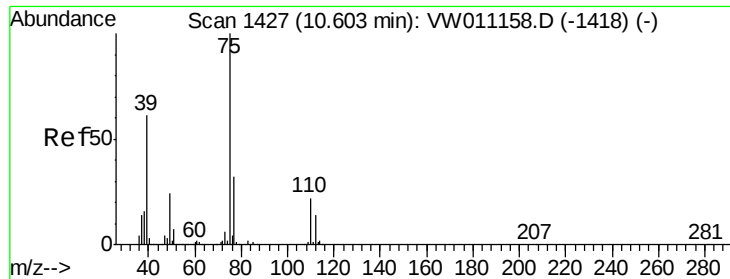
Tgt Ion: 92 Resp: 359875

Ion Ratio Lower Upper

92 100

91 172.0 136.6 205.0





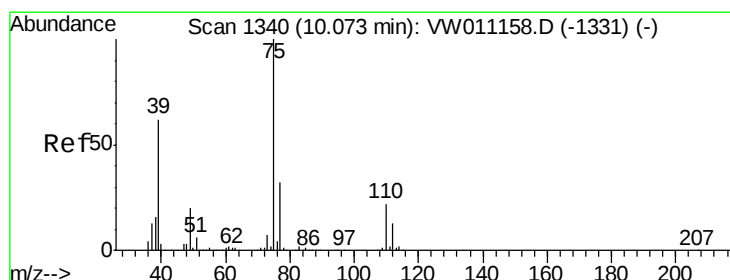
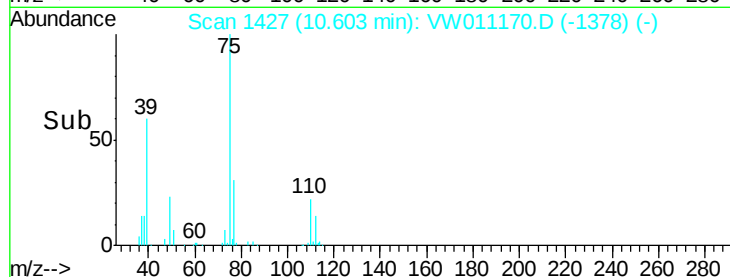
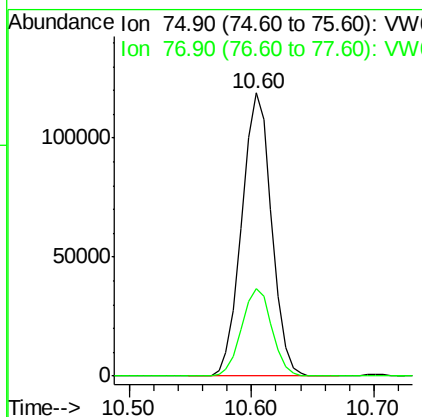
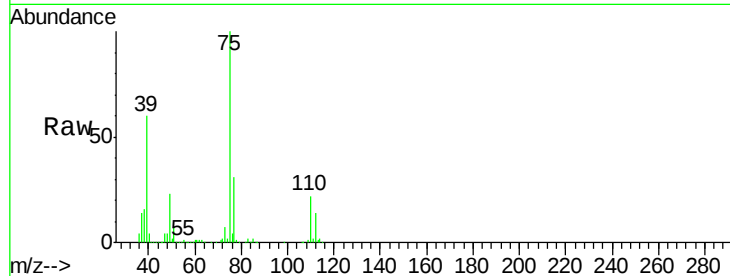
#53
t-1,3-Dichloropropene
Concen: 51.932 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 201647
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

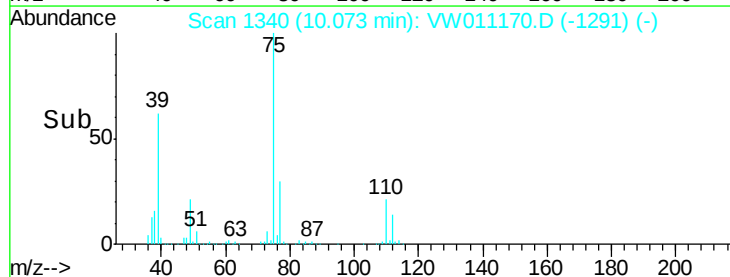
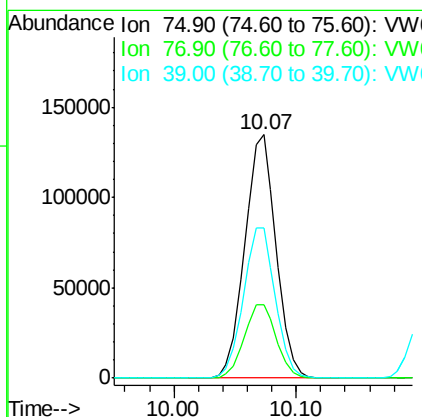
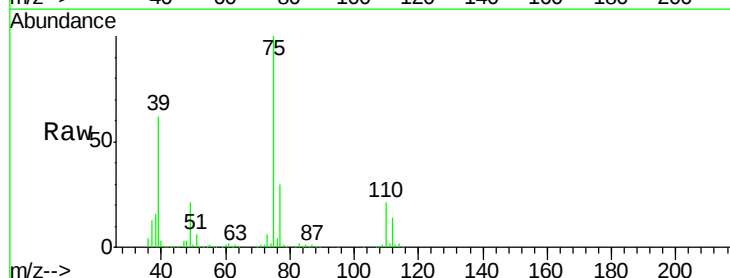
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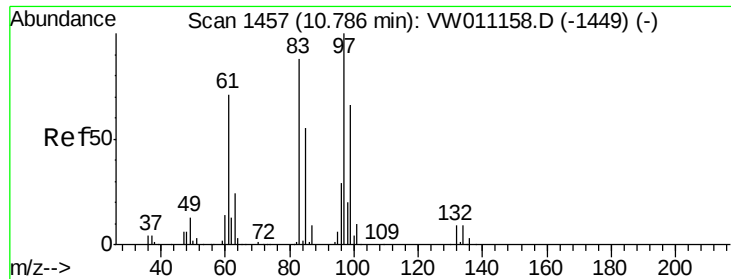
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#54
cis-1,3-Dichloropropene
Concen: 52.199 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 75 Resp: 238568
Ion Ratio Lower Upper
75 100
77 30.4 25.7 38.5
39 61.8 49.8 74.8





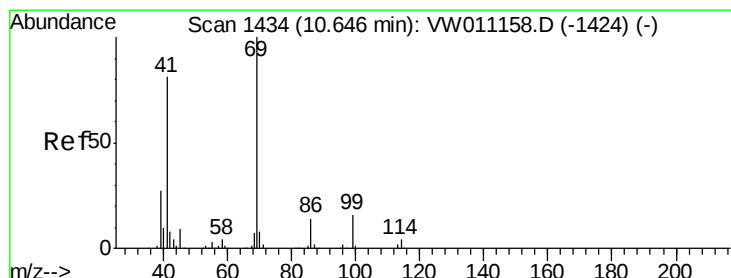
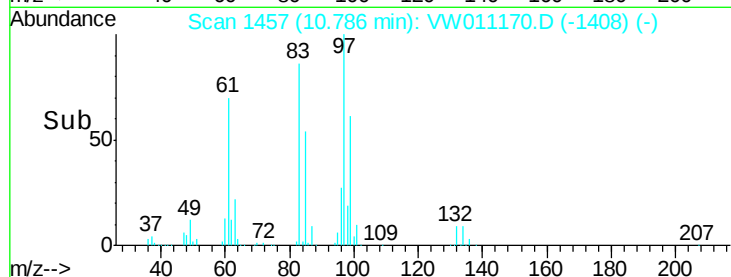
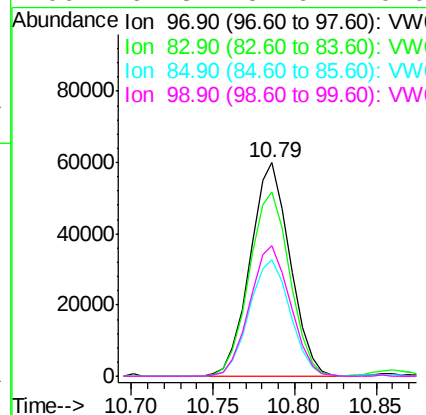
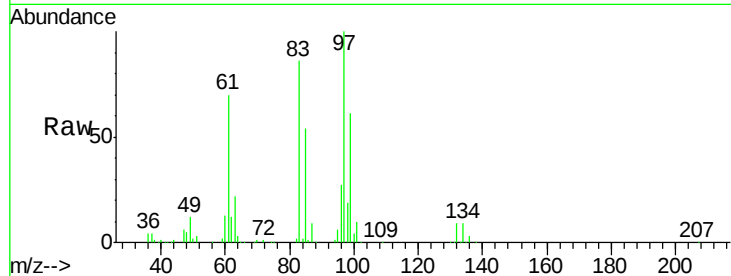
#55
 1,1,2-Trichloroethane
 Concen: 50.419 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	101975
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.4
85	54.4	44.2	66.2
99	61.3	52.6	79.0

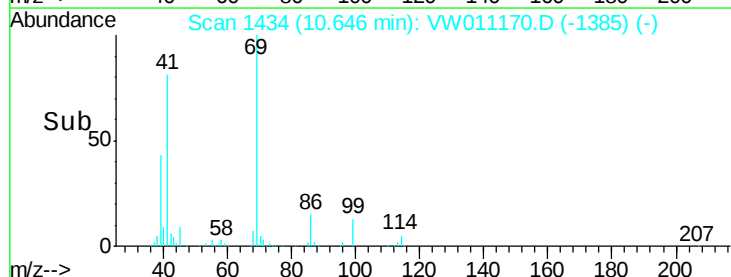
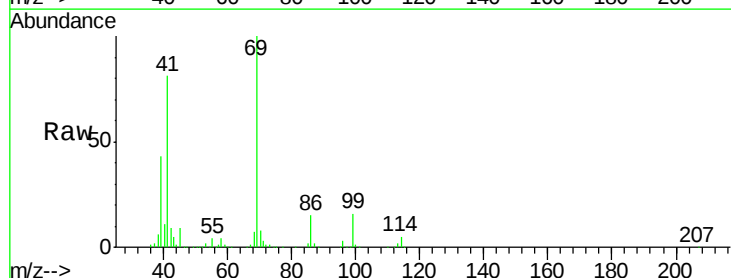
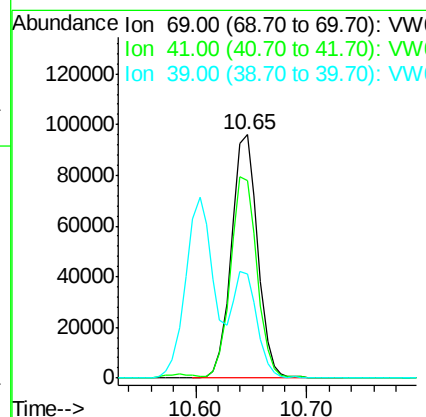
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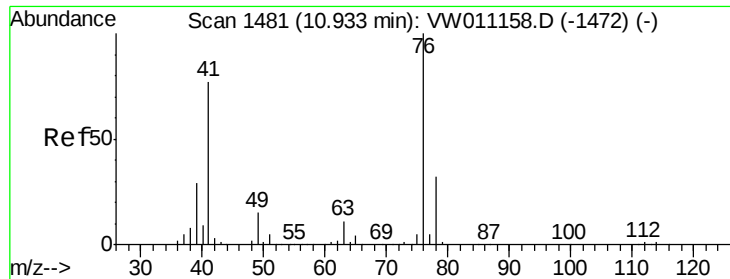
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#56
 Ethyl methacrylate
 Concen: 50.849 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion:	69	Resp:	156579
Ion	Ratio	Lower	Upper
69	100		
41	83.1	66.5	99.7
39	39.1	32.5	48.7





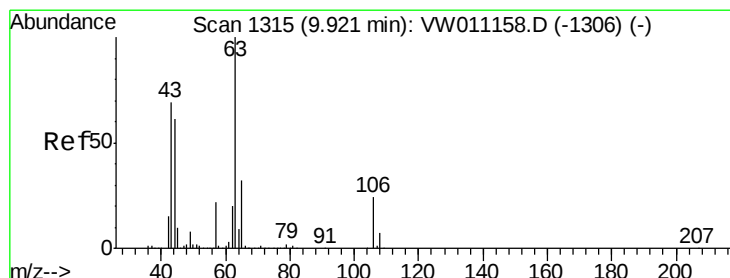
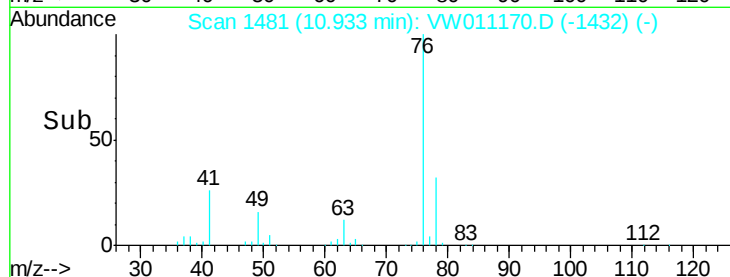
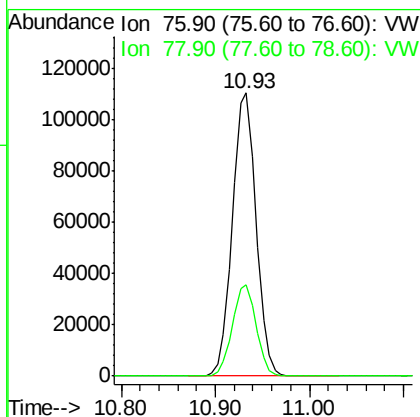
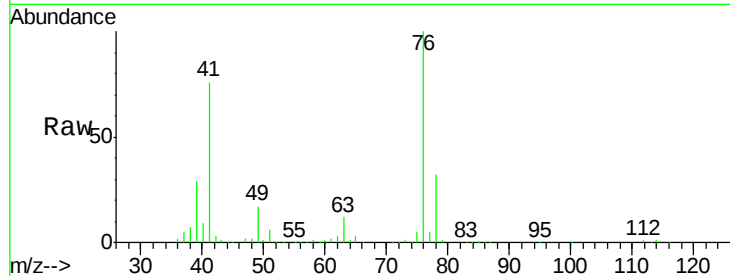
#57
 1,3-Dichloropropane
 Concen: 50.257 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 192215
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2

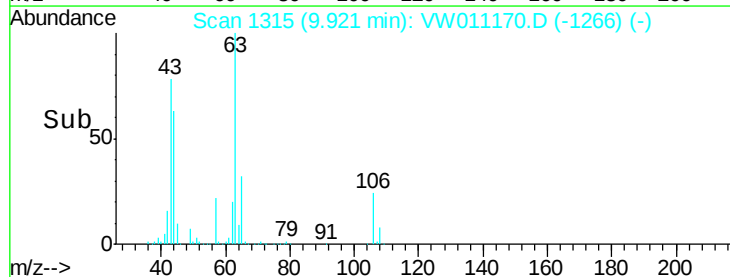
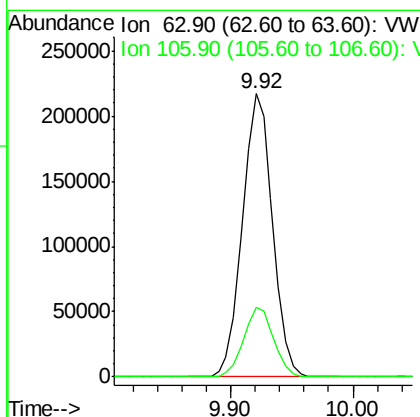
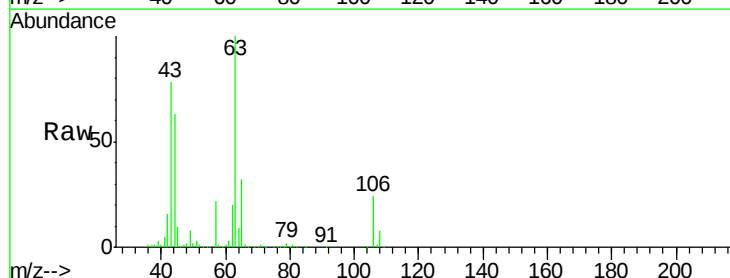
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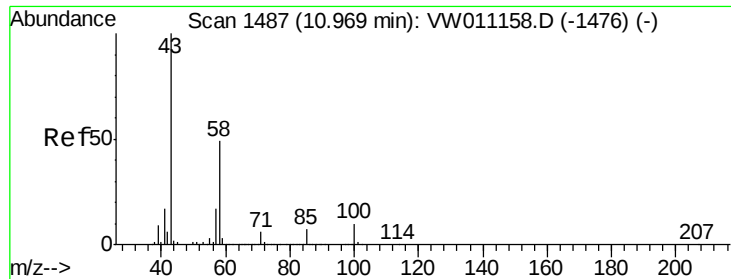
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.196 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 63 Resp: 368591
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.4 29.0





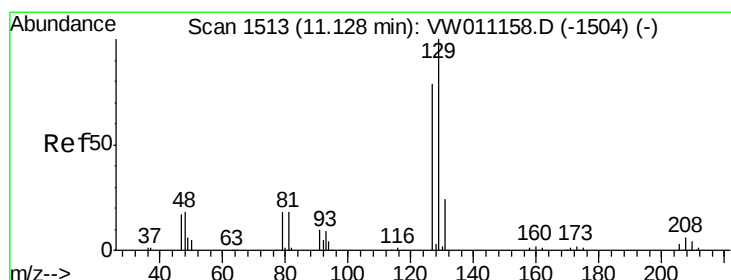
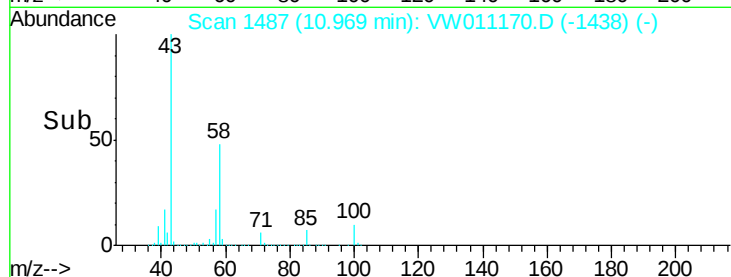
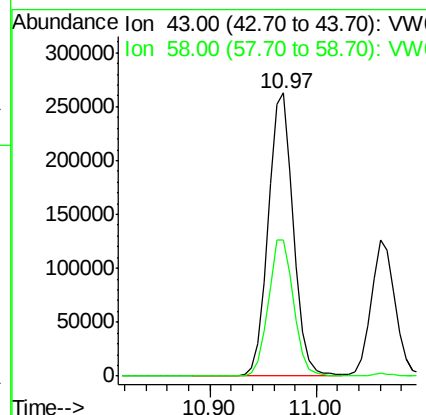
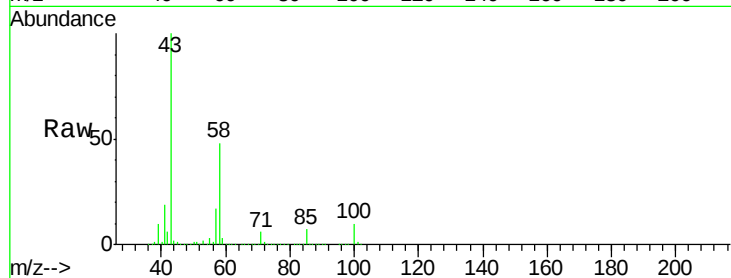
#59
2-Hexanone
Concen: 259.346 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 432208
Ion Ratio Lower Upper
43 100
58 48.7 24.4 73.4

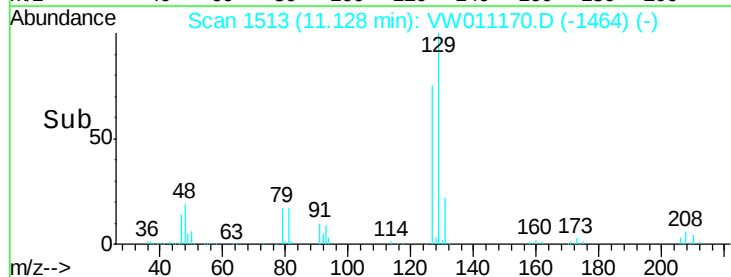
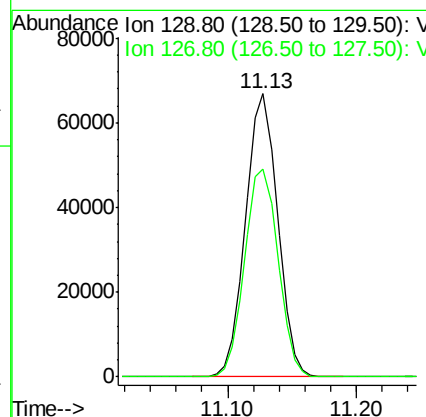
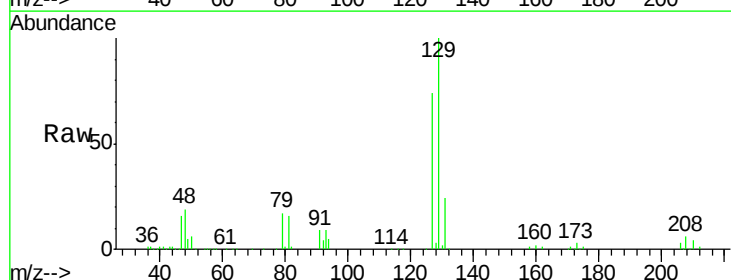
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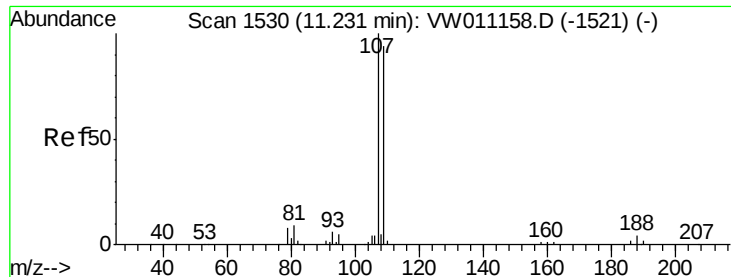
MMDadoda
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#60
Dibromochloromethane
Concen: 51.989 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 129 Resp: 115306
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3





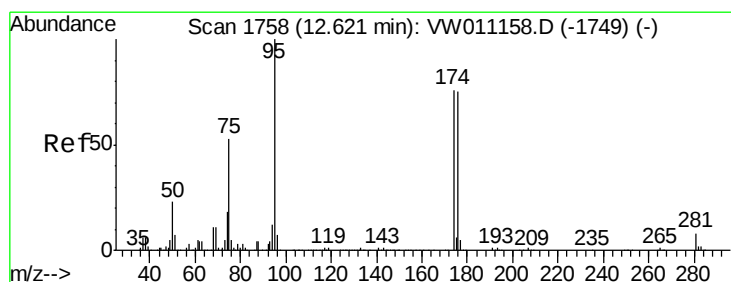
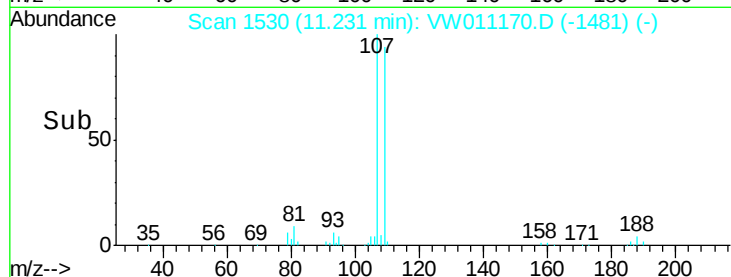
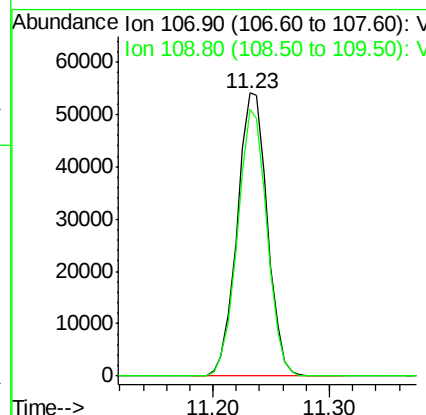
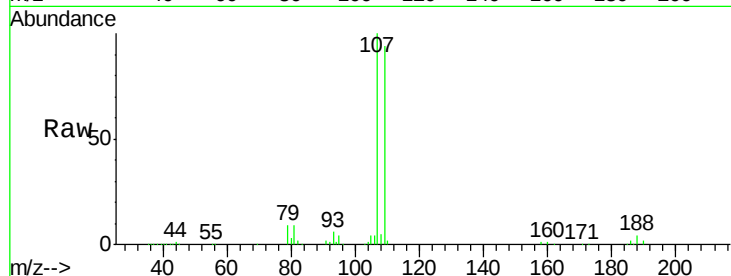
#61
1,2-Dibromoethane
Concen: 50.874 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.2	112.8

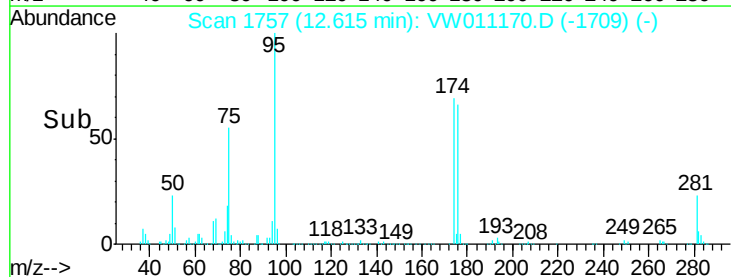
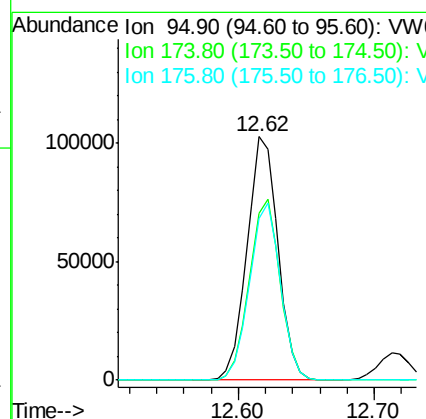
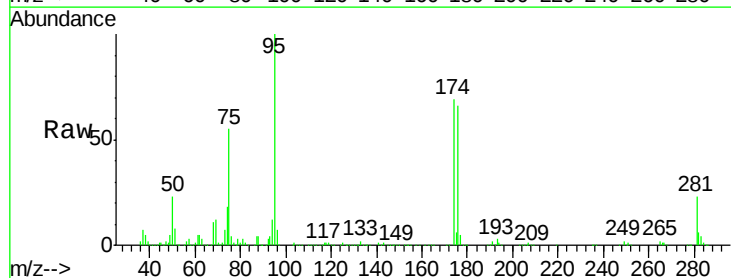
Manual Integrations
APPROVED

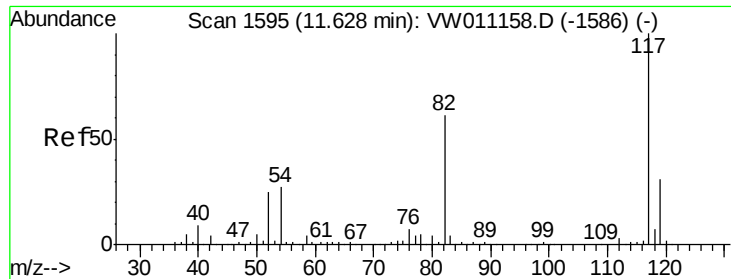
MMDadoda
7/10/2019 10:47:28 AM



#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	147.6
176	72.7	0.0	144.6





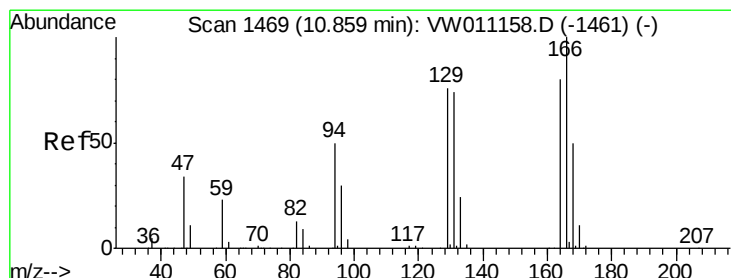
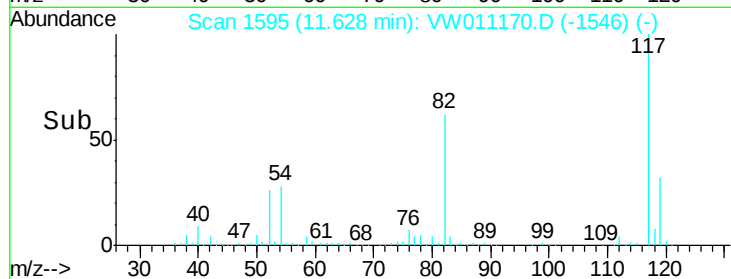
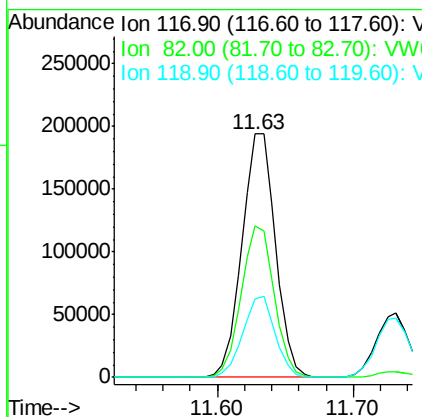
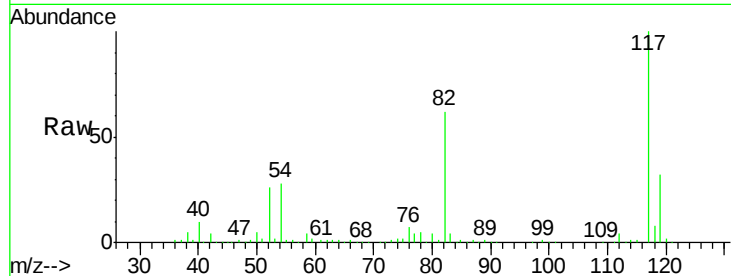
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.1	48.9	73.3
119	32.1	25.0	37.6

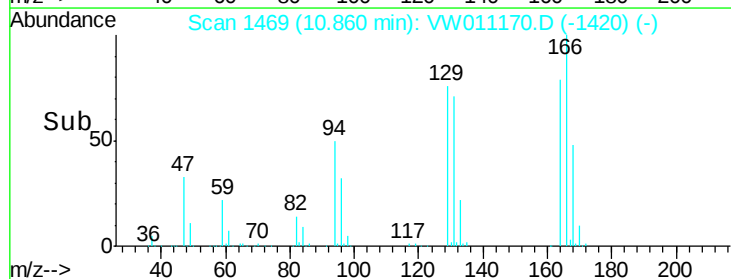
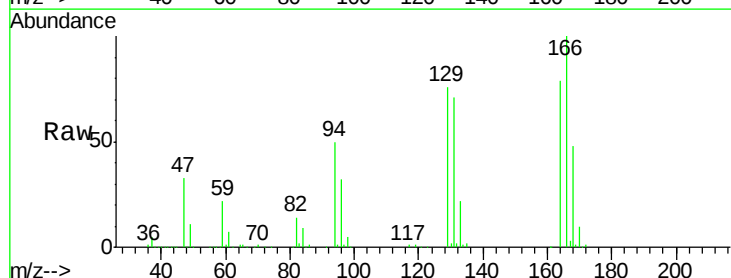
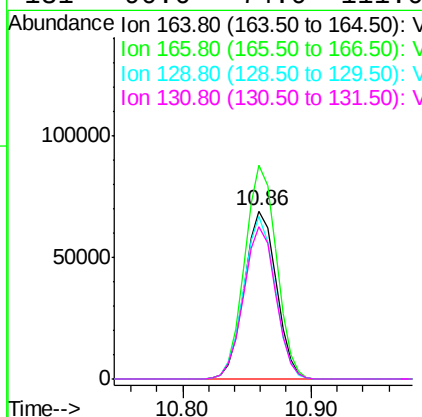
Manual Integrations
APPROVED

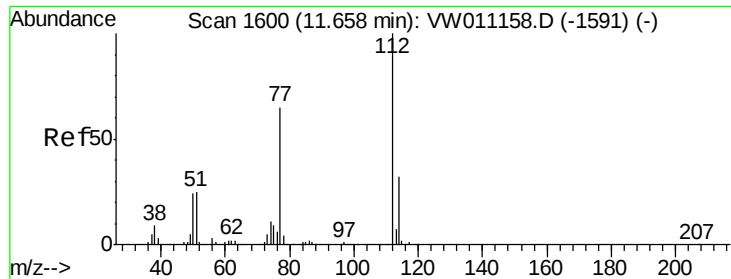
MMDadoda
7/10/2019 10:47:28 AM



#64
Tetrachloroethene
Concen: 52.443 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	99.7	149.5
129	96.8	76.2	114.2
131	90.6	74.0	111.0





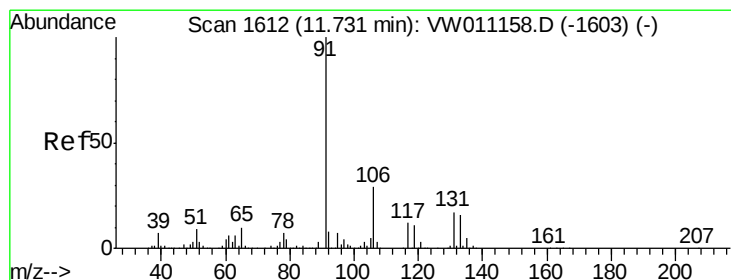
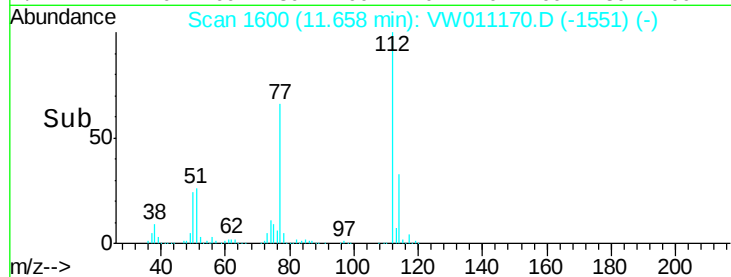
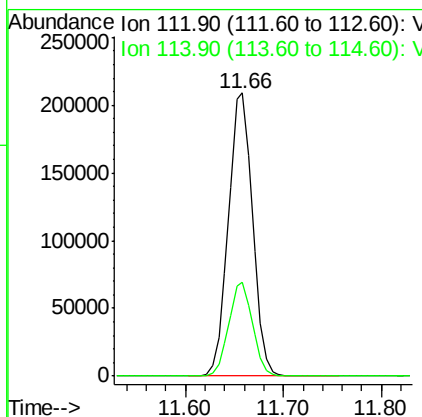
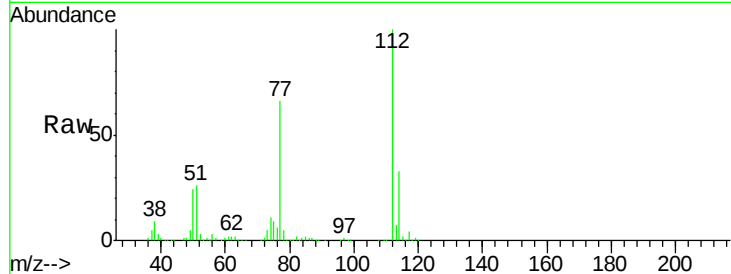
#65
Chlorobenzene
Concen: 52.712 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	358112		
114	33.3	25.5	38.3	

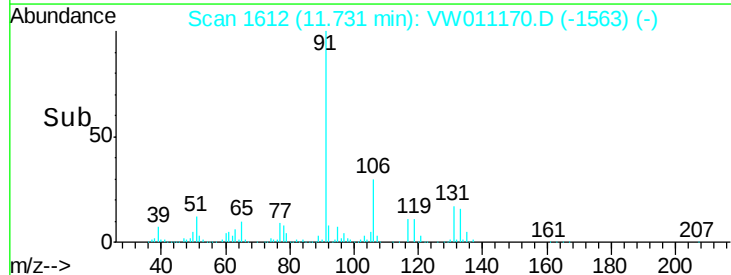
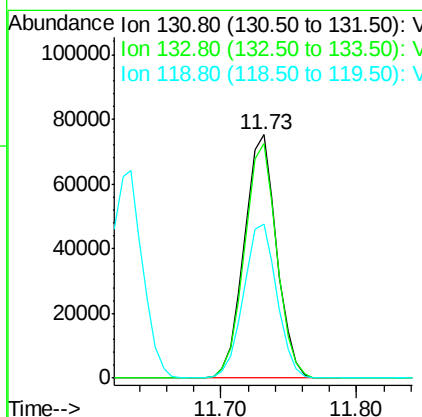
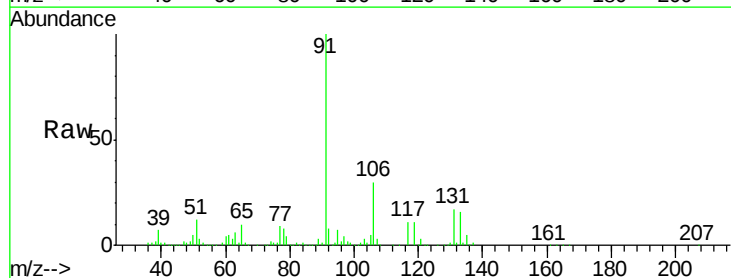
Manual Integrations
APPROVED

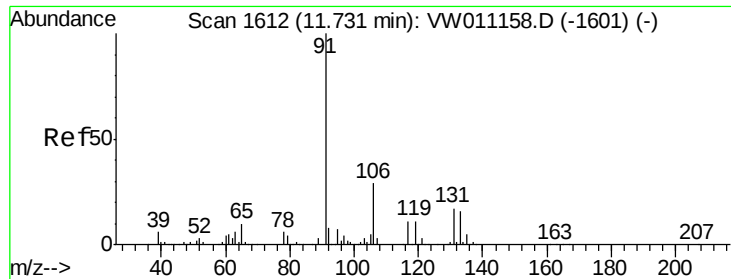
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.462 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	125493		
133	96.2	47.9	143.8	
119	65.0	33.1	99.2	





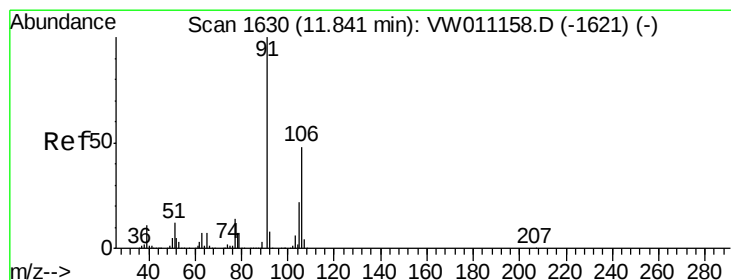
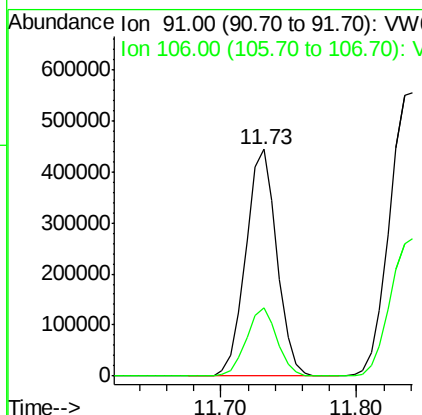
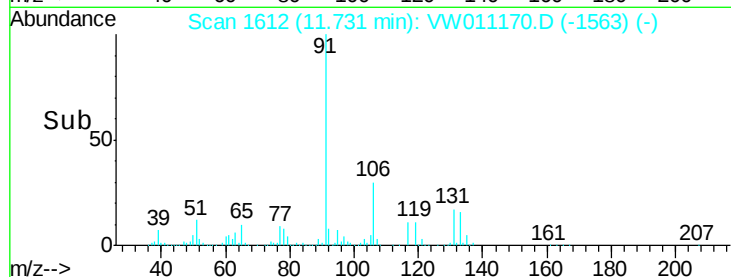
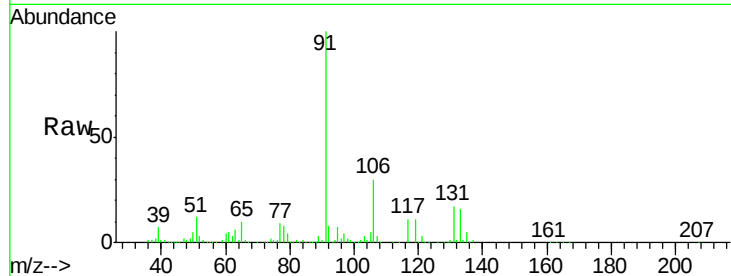
#67
Ethyl Benzene
Concen: 54.480 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 708548
Ion Ratio Lower Upper
91 100
106 29.9 23.5 35.3

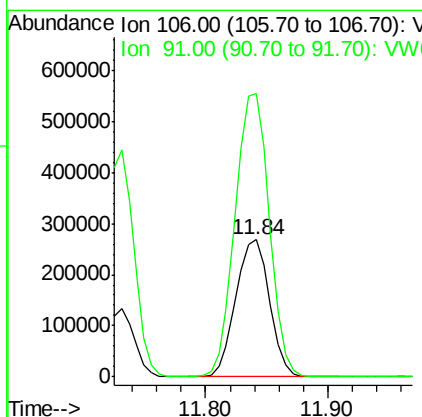
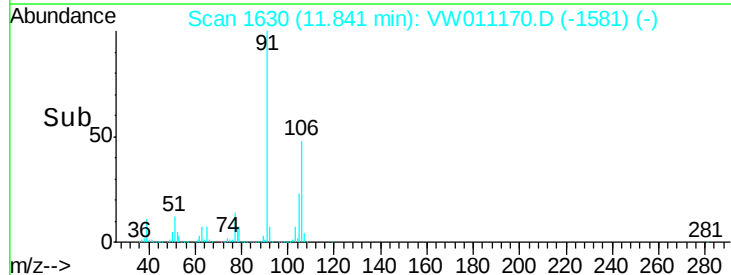
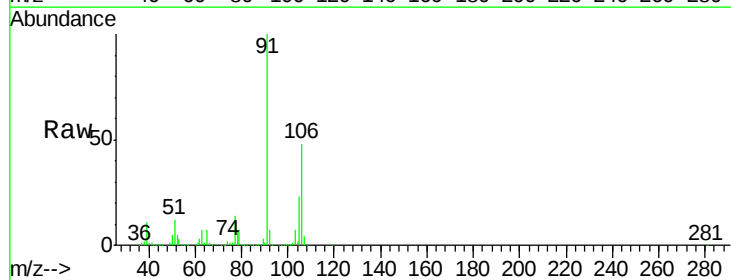
Manual Integrations
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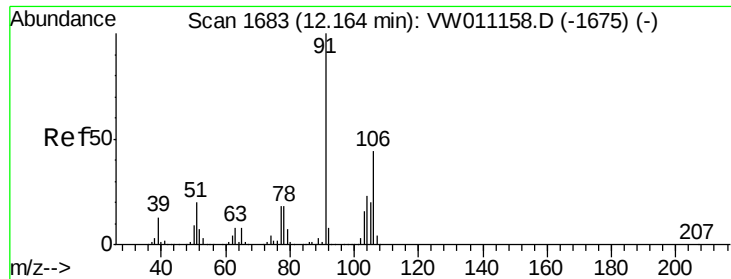
MMDadoda
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#68
m/p-Xylenes
Concen: 109.242 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 106 Resp: 514089
Ion Ratio Lower Upper
106 100
91 208.5 167.7 251.5





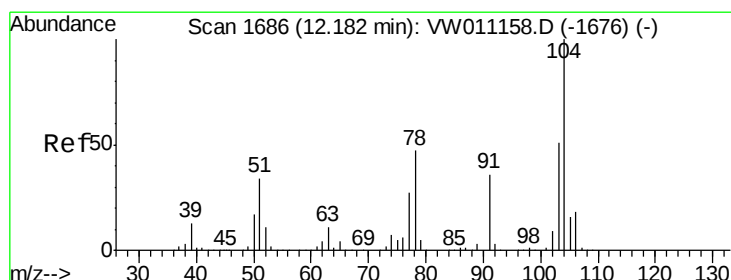
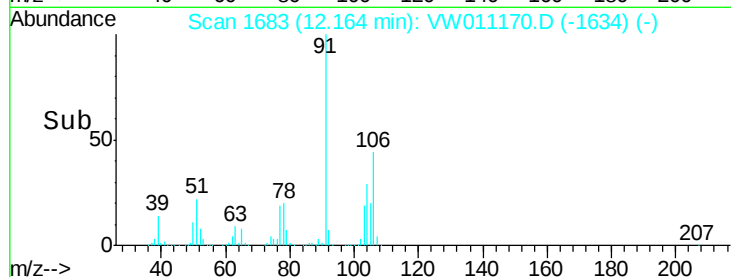
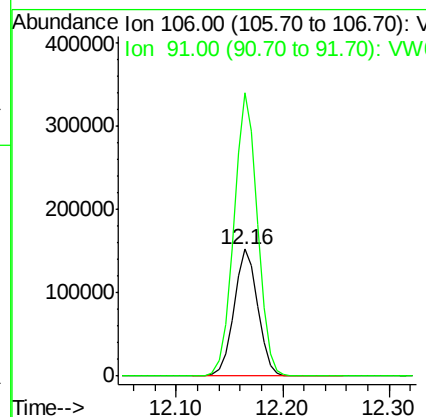
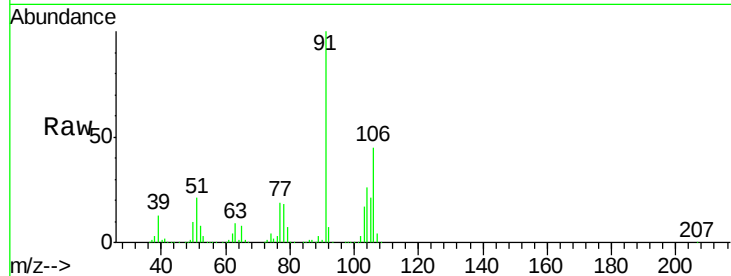
#69
o-Xylene
Concen: 53.643 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.2	110.7	332.1

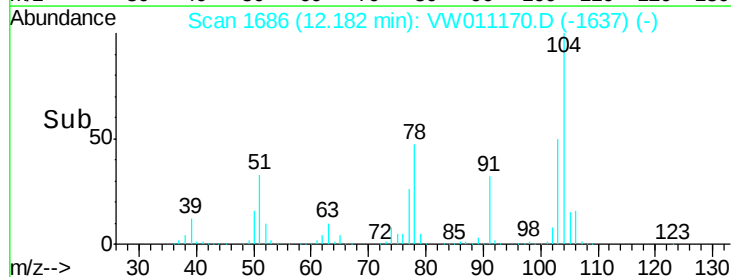
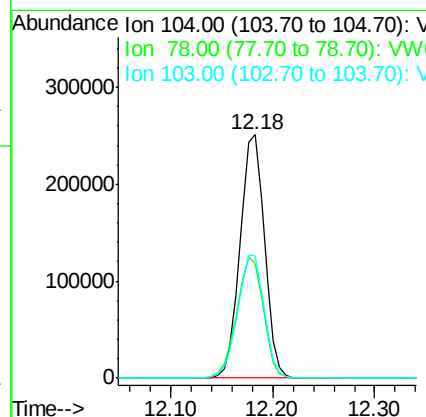
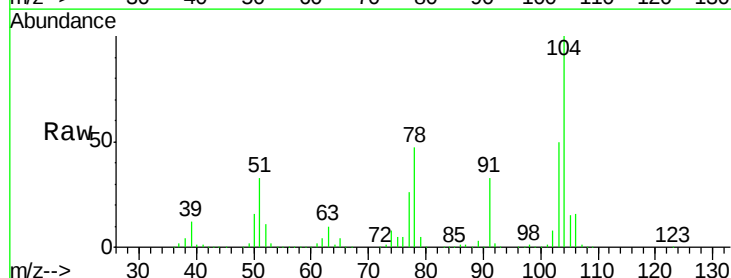
Manual Integrations
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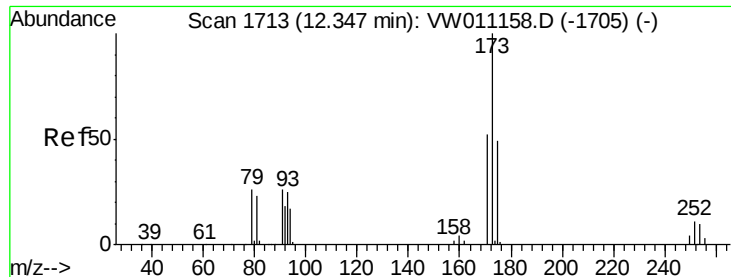
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#70
Styrene
Concen: 54.126 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.9	43.1	64.7
103	54.4	44.1	66.1





#71

Bromoform

Concen: 49.788 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 63321

Ion Ratio Lower Upper

173 100

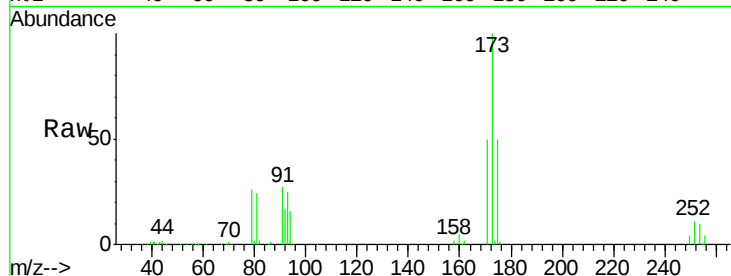
175 49.0 24.8 74.3

254 0.2 0.0 0.0#

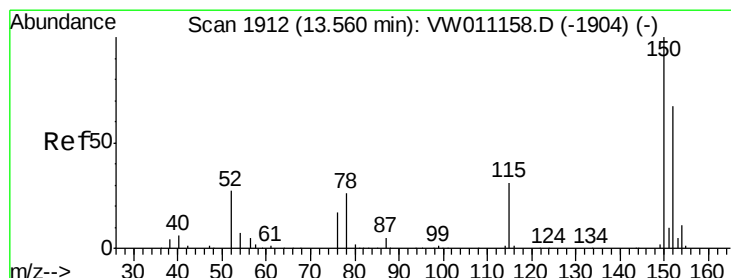
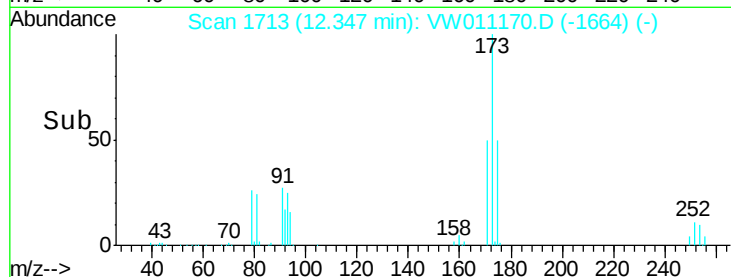
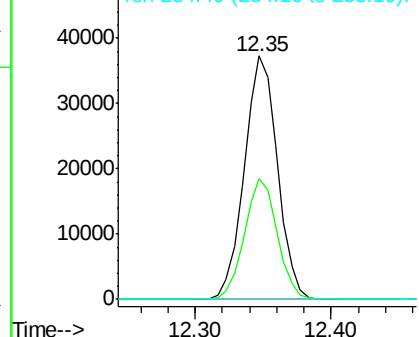
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

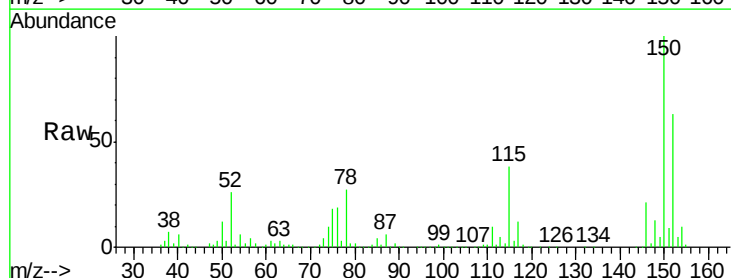
Tgt Ion:152 Resp: 164543

Ion Ratio Lower Upper

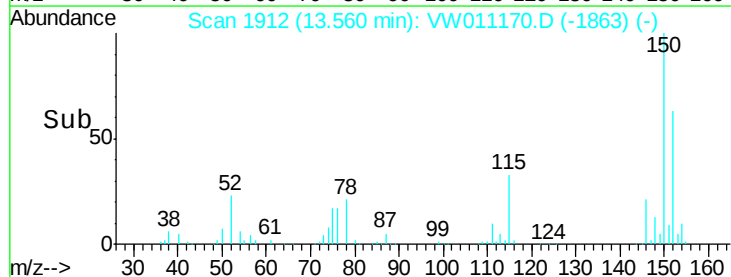
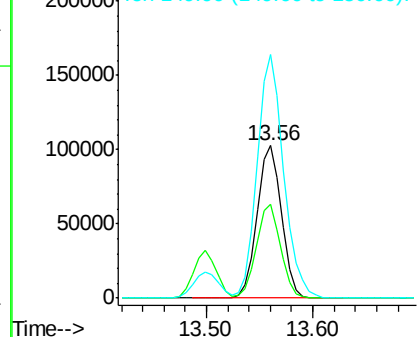
152 100

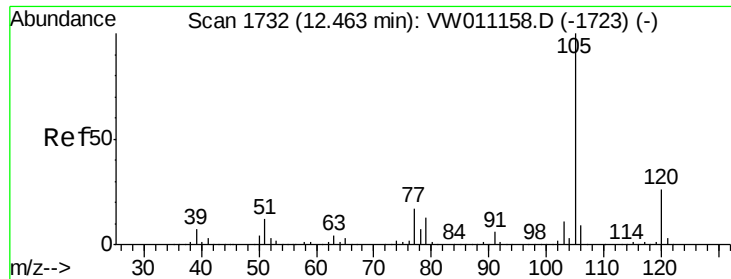
115 61.0 30.1 90.3

150 173.9 0.0 346.0



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





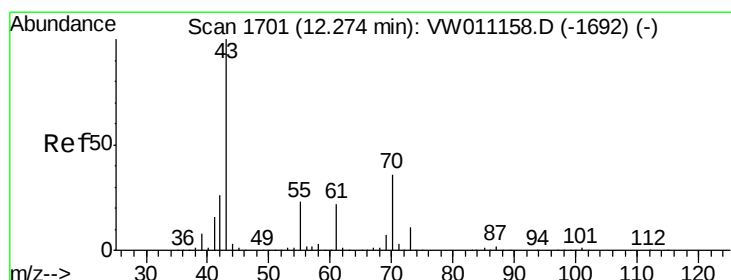
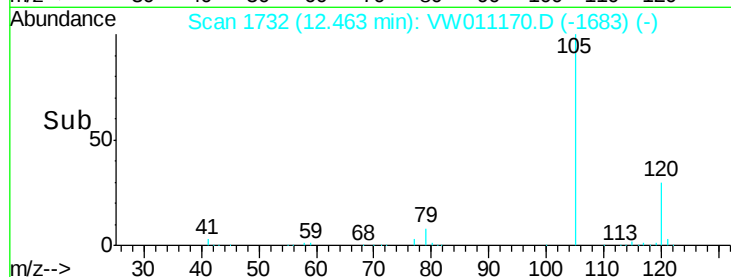
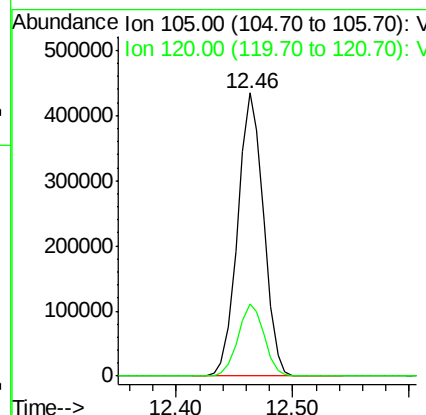
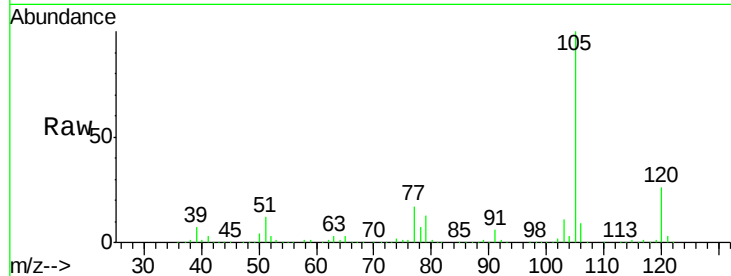
#73
Isopropylbenzene
Concen: 54.679 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 672557
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3

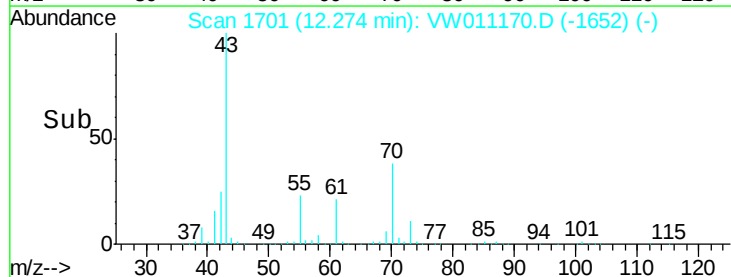
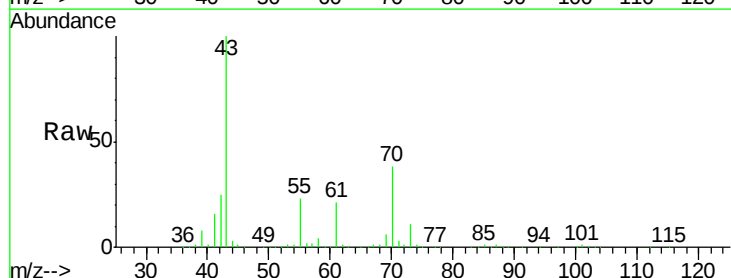
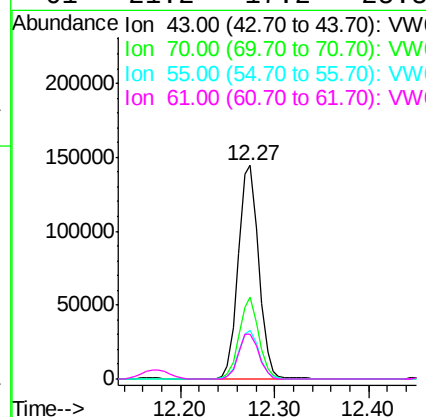
Manual Integrations
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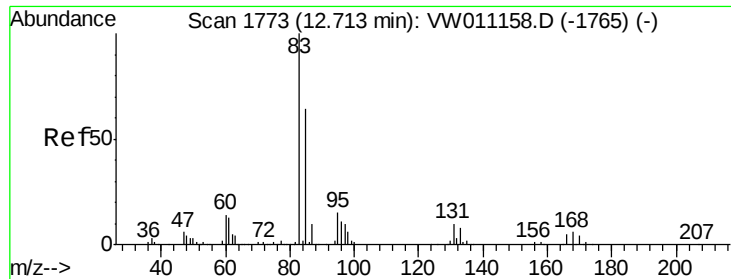
MMDadoda
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#74
N-ethyl acetate
Concen: 50.929 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 43 Resp: 218173
Ion Ratio Lower Upper
43 100
70 36.3 28.5 42.7
55 22.9 18.1 27.1
61 21.2 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.014 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

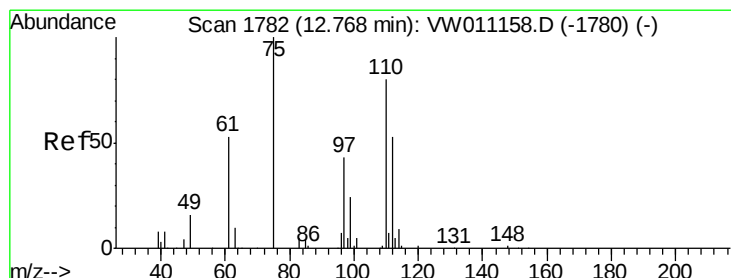
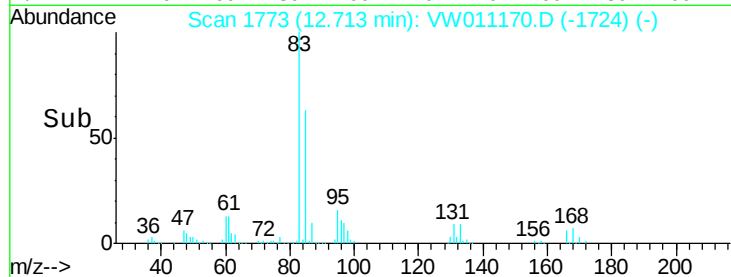
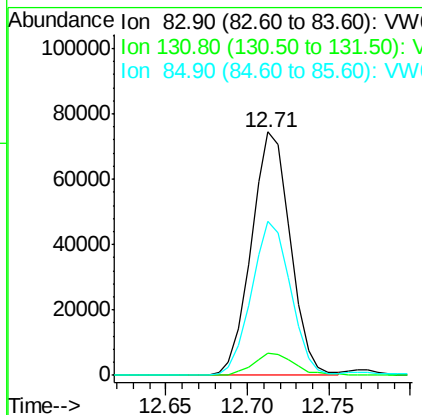
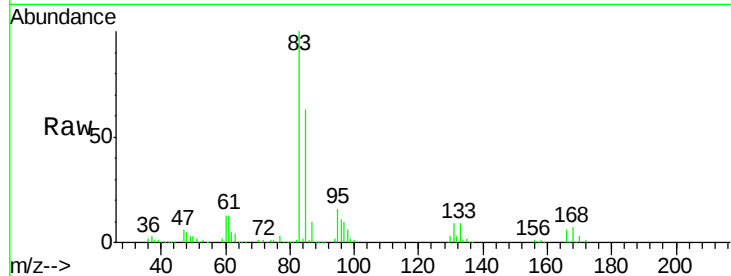
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	123582
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	63.5	31.6	94.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.953 ug/l m

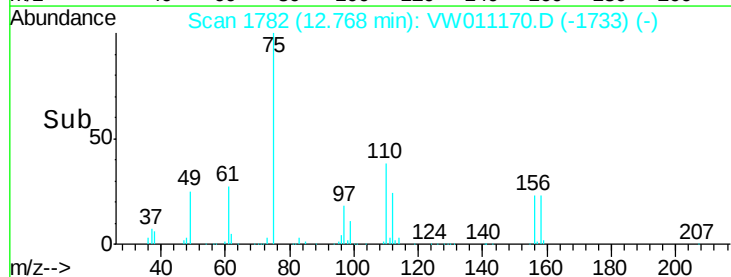
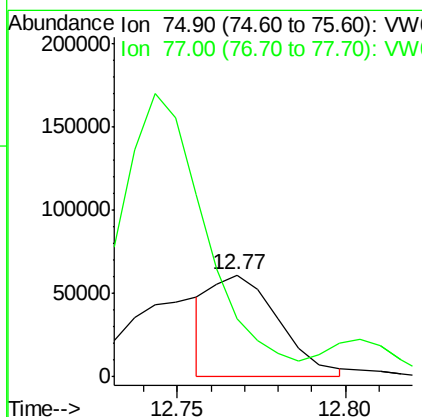
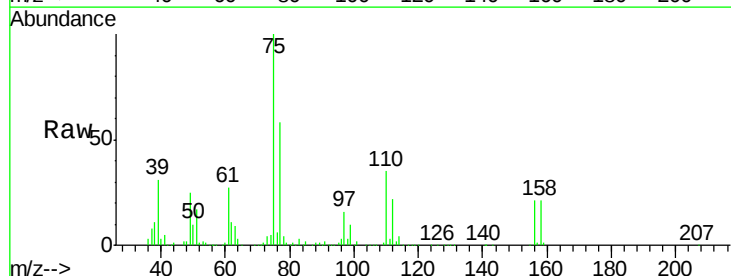
RT: 12.77 min Scan# 1782

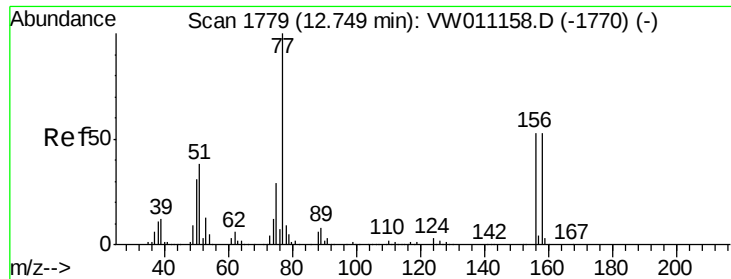
Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Tgt Ion:	75	Resp:	85479
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





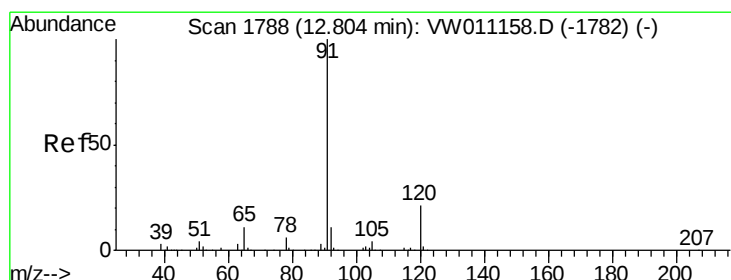
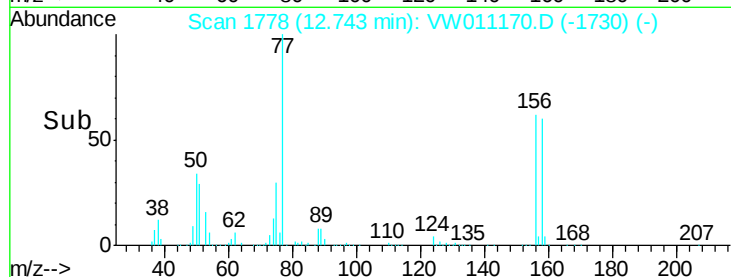
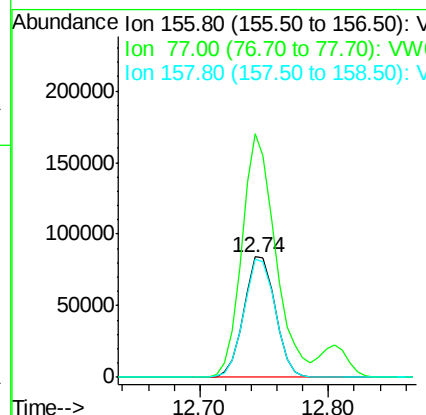
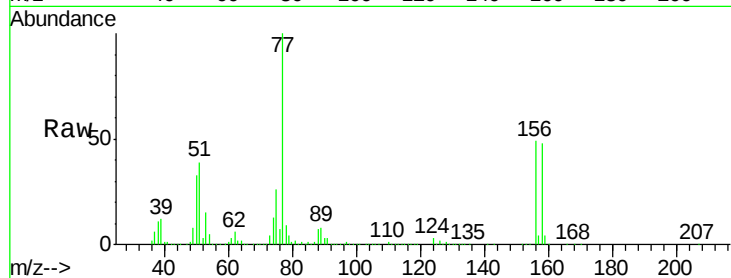
#77
Bromobenzene
Concen: 51.413 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.5	109.0	327.0
158	98.0	48.8	146.3

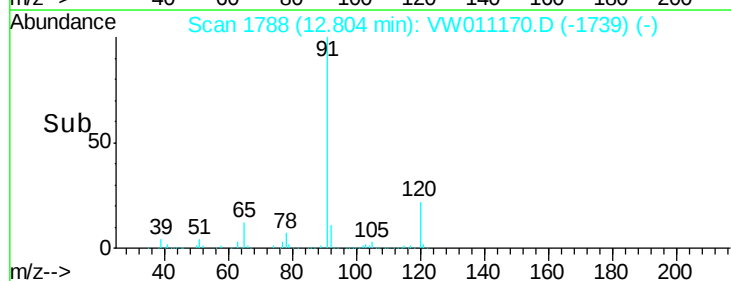
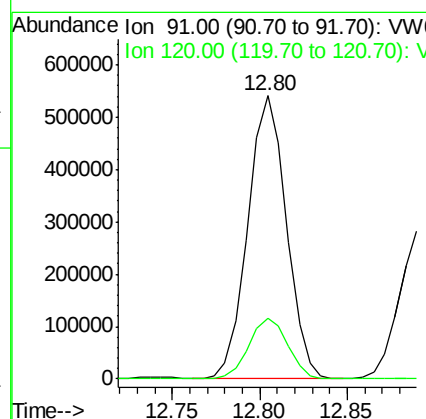
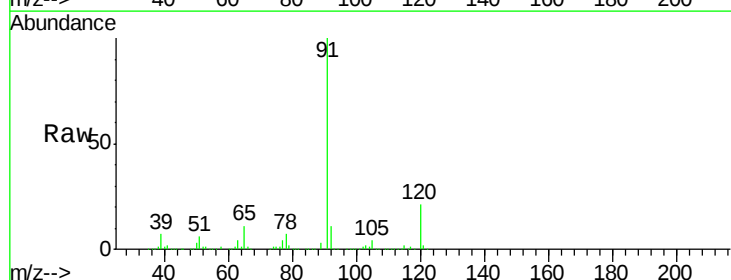
Manual Integrations
APPROVED

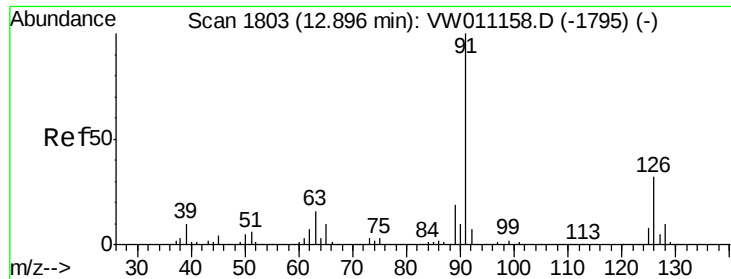
MMDadoda
7/10/2019 10:47:28 AM



#78
n-propylbenzene
Concen: 54.538 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.3





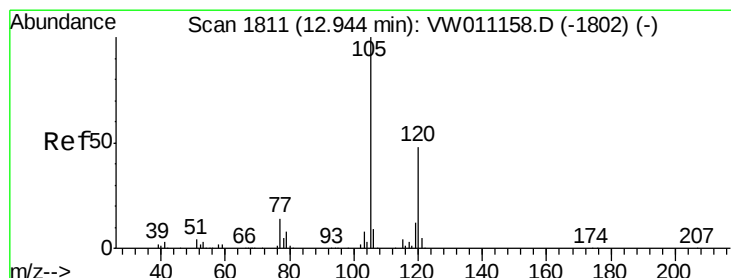
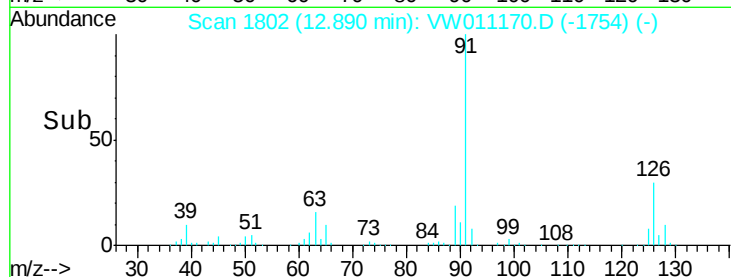
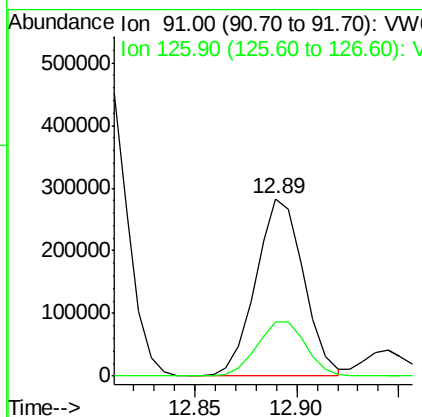
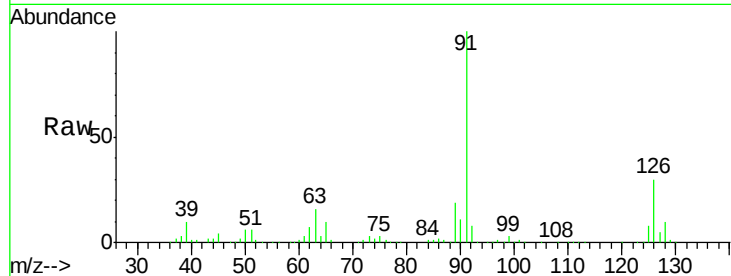
#79
2-Chlorotoluene
Concen: 52.935 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 461555
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.3

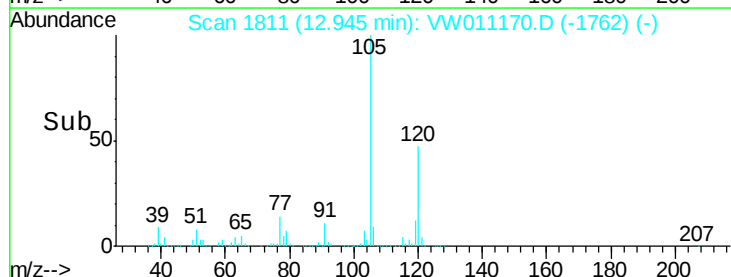
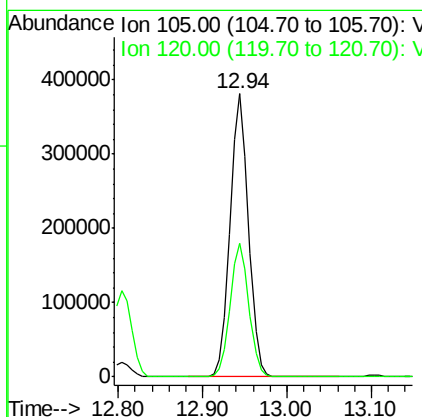
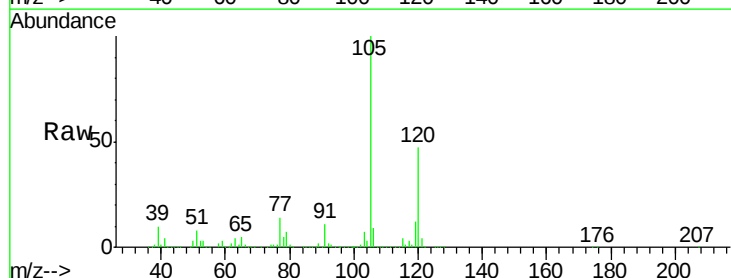
Manual Integrations
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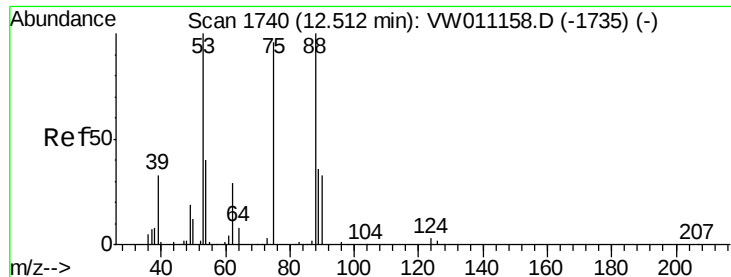
MMDadoda
7/10/2019 10:47:28 AM



#80
1,3,5-Trimethylbenzene
Concen: 54.281 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 105 Resp: 567214
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





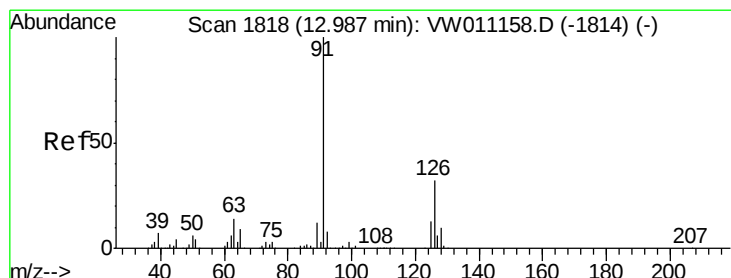
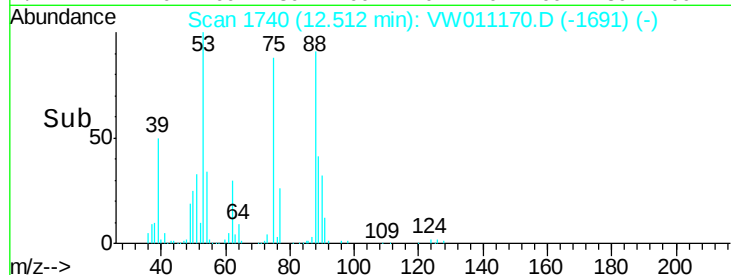
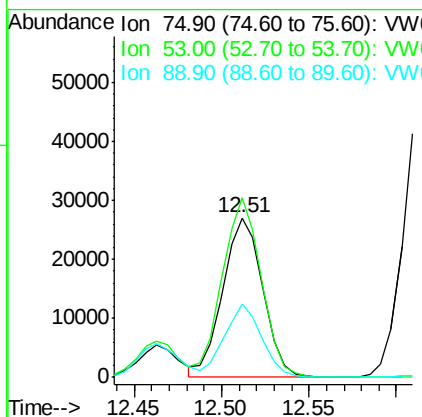
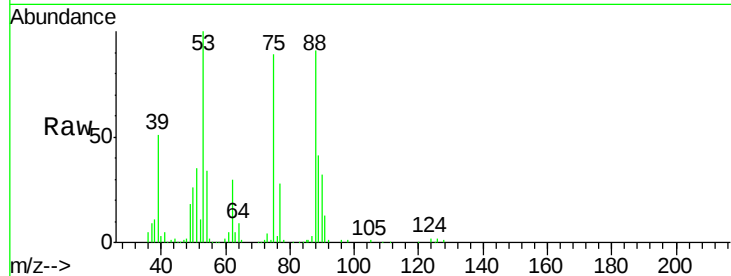
#81
trans-1,4-Dichloro-2-butene
Concen: 50.539 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.9	89.8	134.6
89	43.4	34.3	51.5

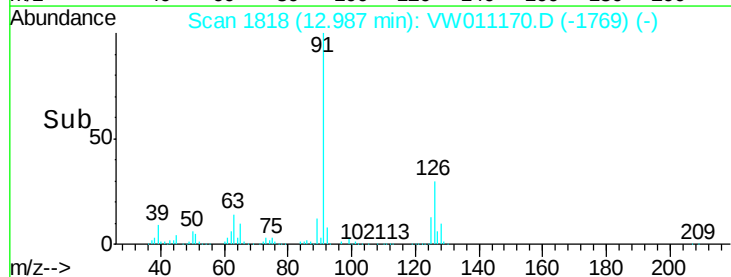
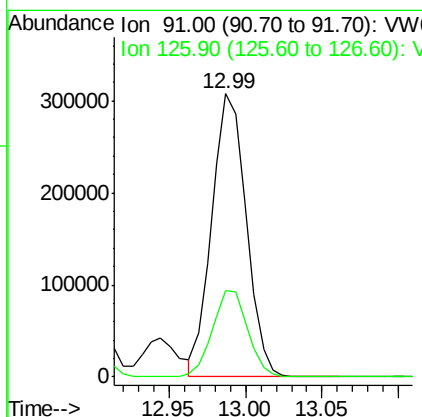
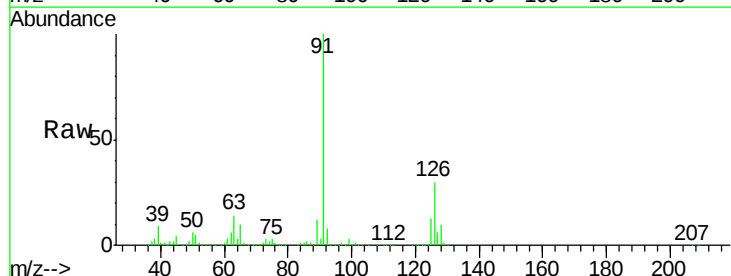
Manual Integrations
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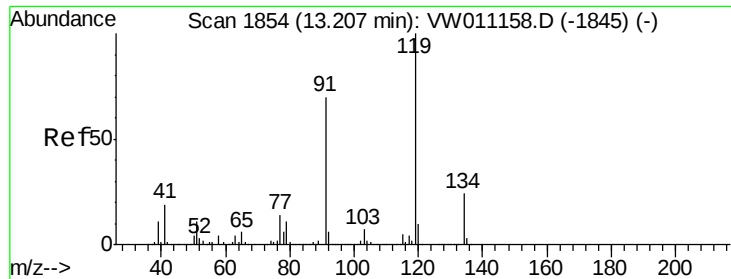
MMDadoda
7/10/2019 10:47:28 AM



#82
4-Chlorotoluene
Concen: 52.941 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.1





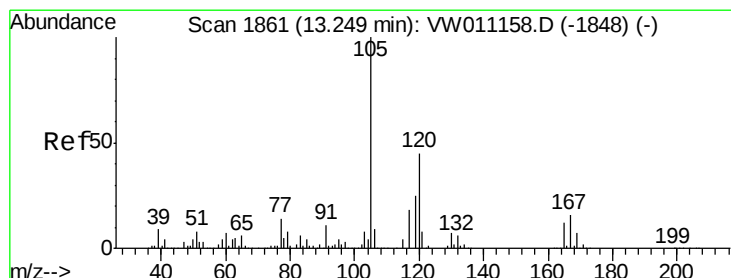
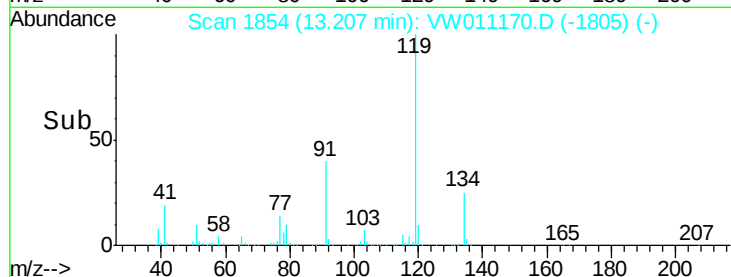
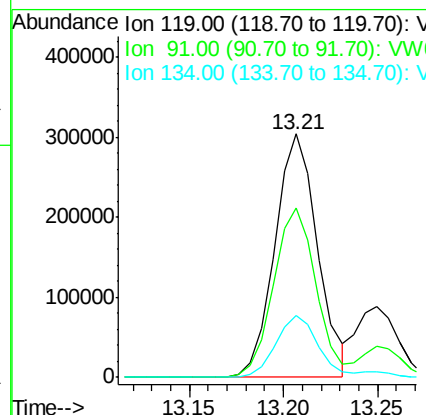
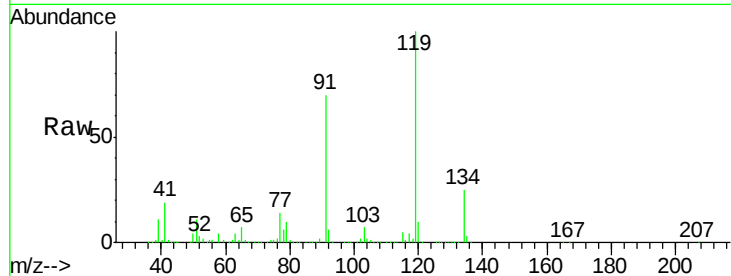
#83
 tert-Butylbenzene
 Concen: 54.698 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	35.4	106.3
134	25.1	13.4	40.2

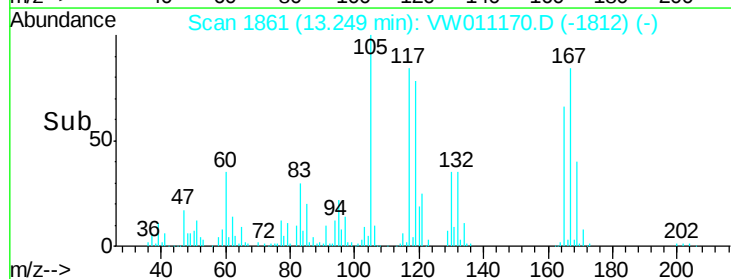
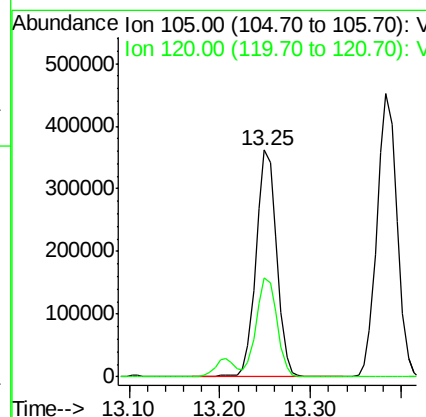
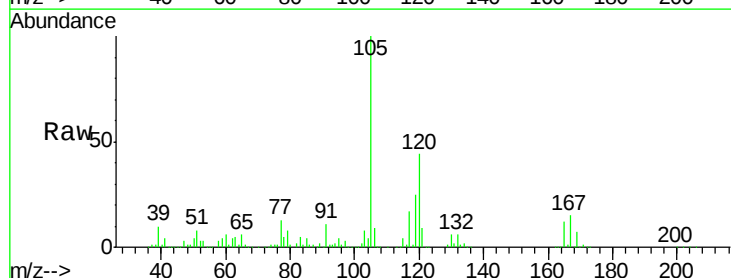
Manual Integrations
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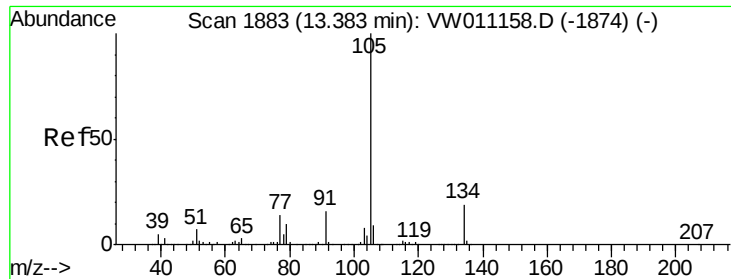
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.176 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.3	66.9





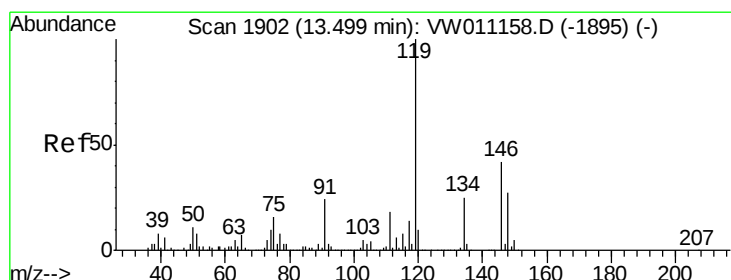
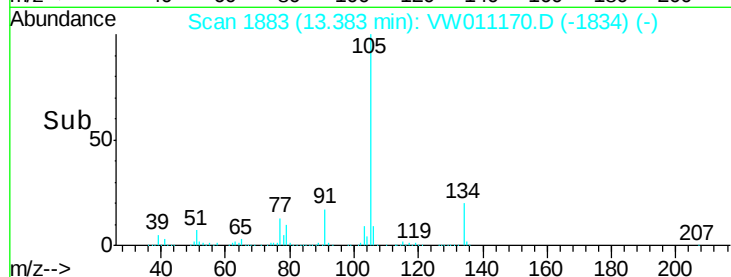
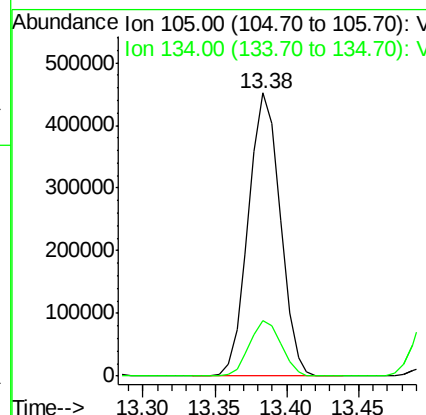
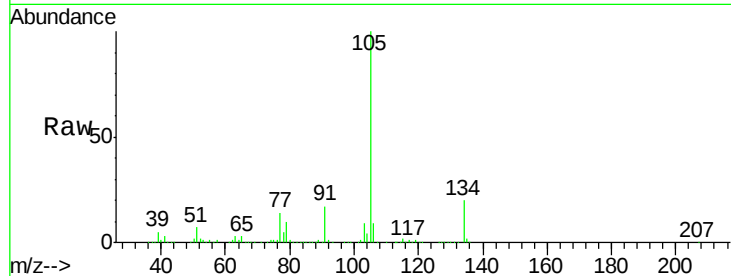
#85
 sec-Butylbenzene
 Concen: 55.039 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	28.9

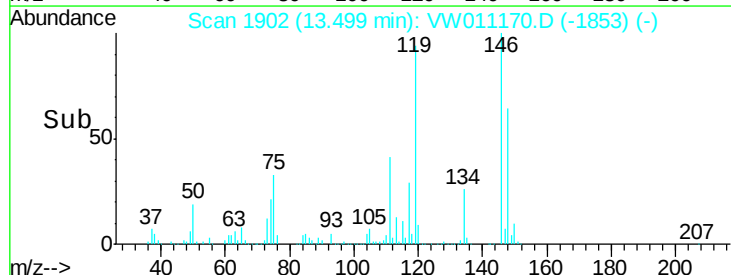
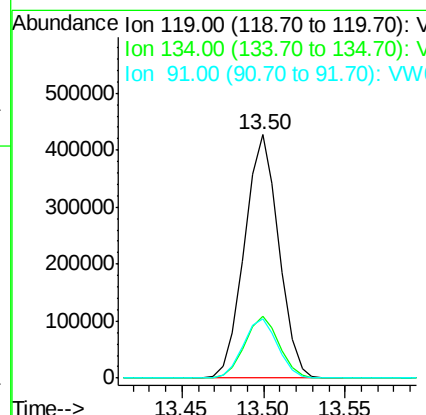
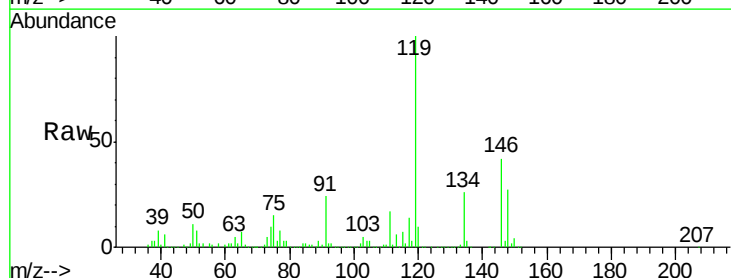
Manual Integrations
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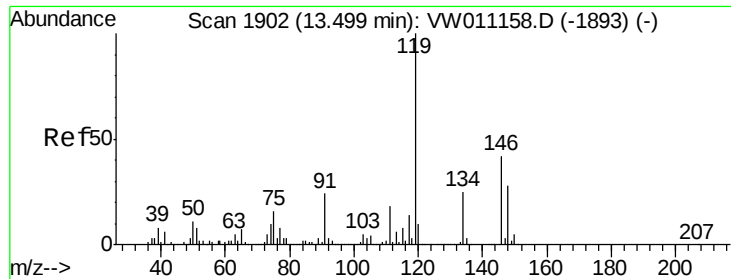
MMDadoda
 7/10/2019 10:47:28 AM



#86
 p-Isopropyltoluene
 Concen: 55.356 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.6
91	24.5	12.3	36.8





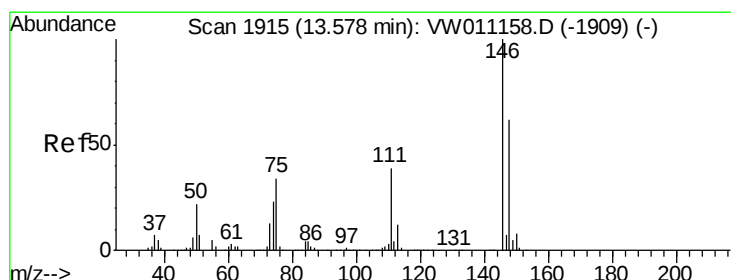
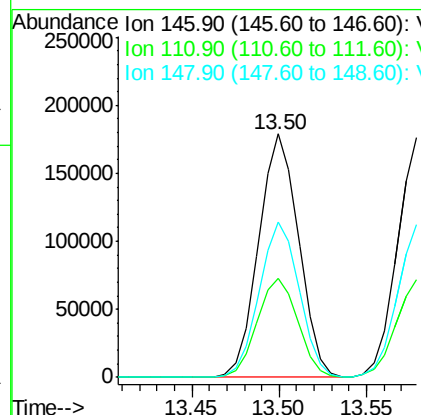
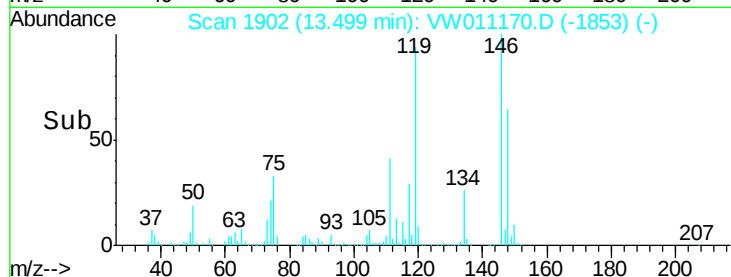
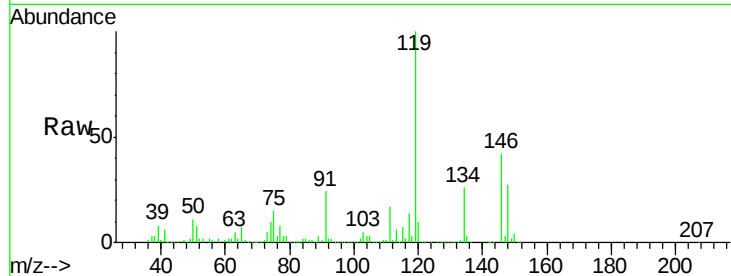
#87
 1,3-Dichlorobenzene
 Concen: 53.565 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	284481		
111	41.2	21.1	63.1	
148	63.8	32.6	97.7	

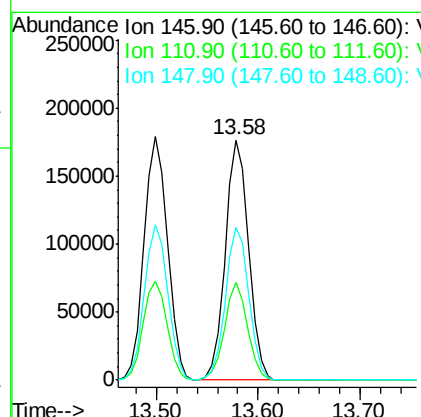
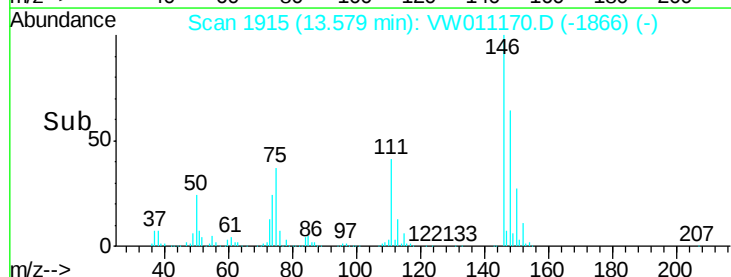
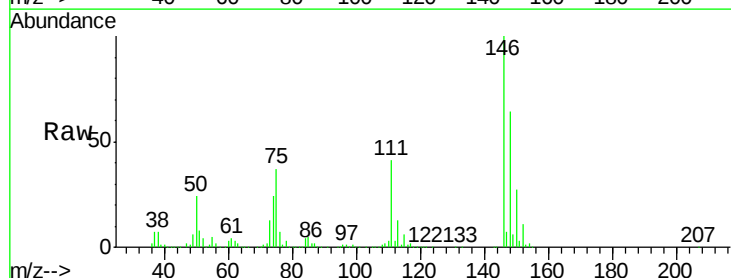
Manual Integrations
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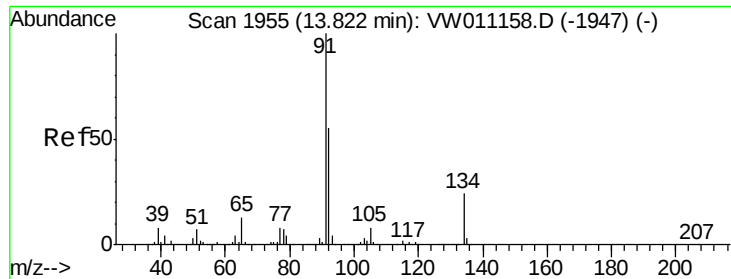
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#88
 1,4-Dichlorobenzene
 Concen: 52.350 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	279969		
111	40.0	19.9	59.7	
148	63.9	31.5	94.5	





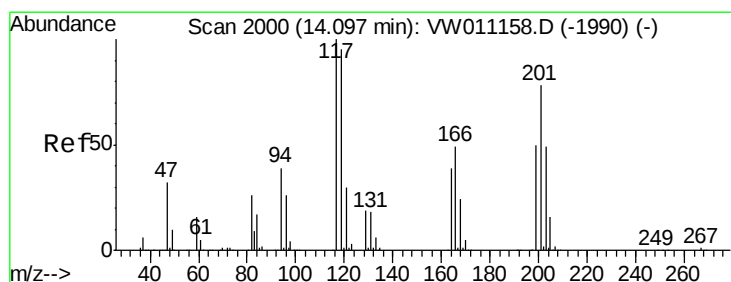
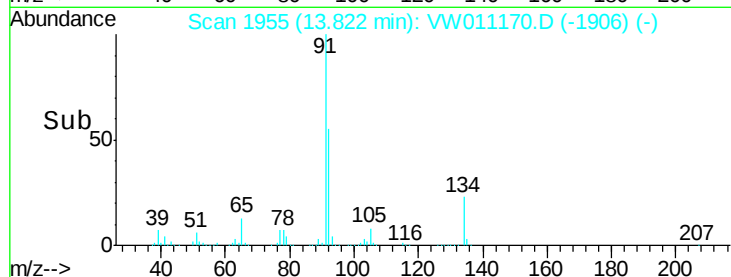
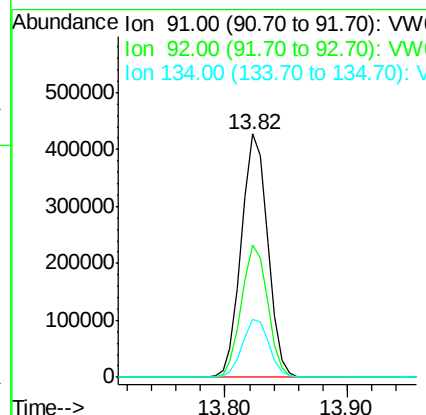
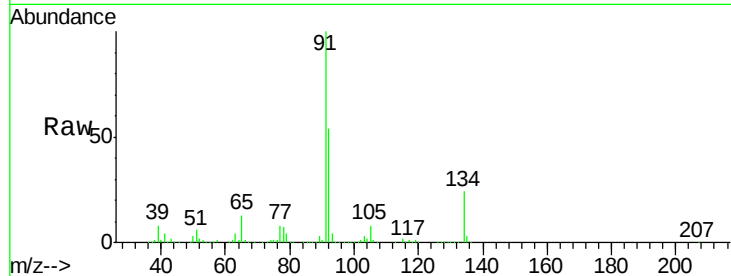
#89
n-Butylbenzene
Concen: 56.553 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.3	26.9	80.7	
134	24.1	12.2	36.4	

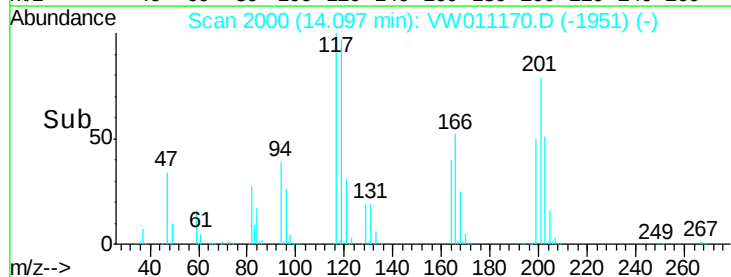
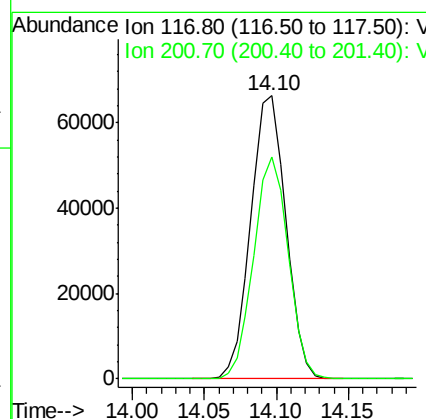
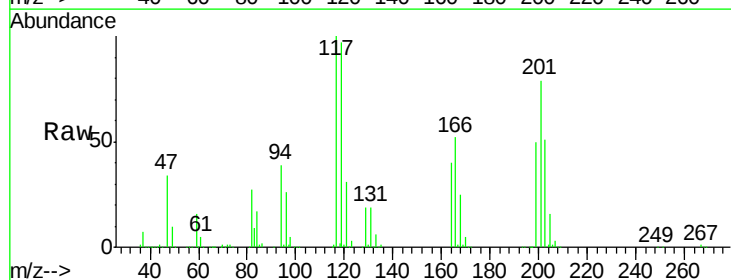
Manual Integrations
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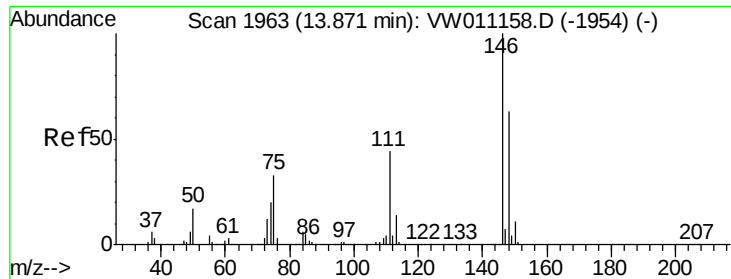
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#90
Hexachloroethane
Concen: 54.315 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	77.2	38.3	114.8	





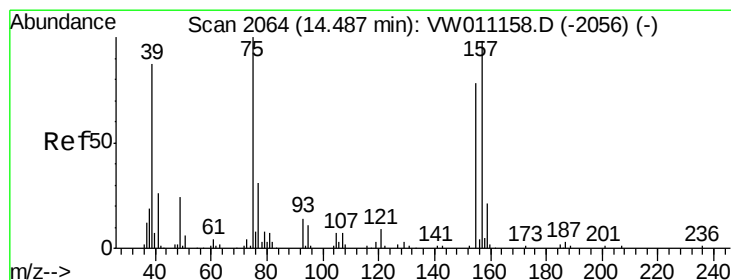
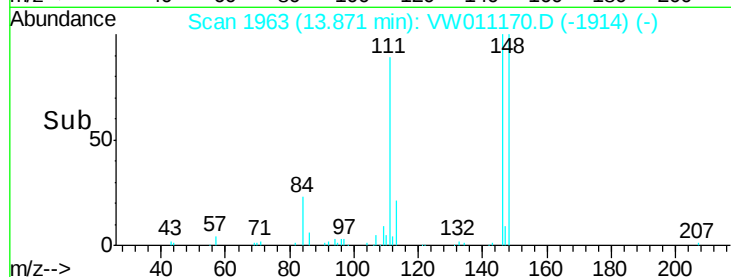
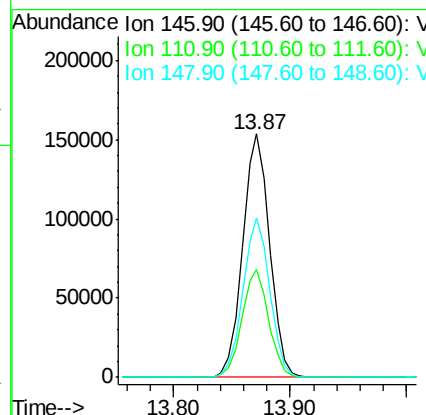
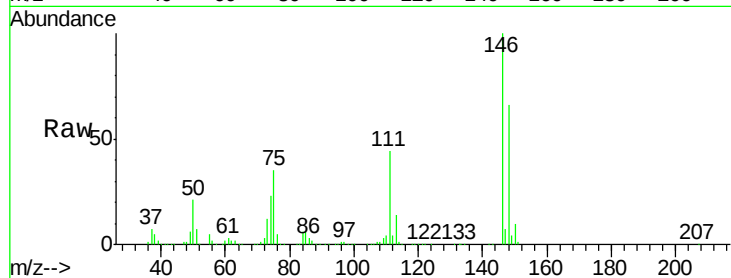
#91
 1,2-Dichlorobenzene
 Concen: 51.283 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.6	65.0
148	65.2	31.9	95.5

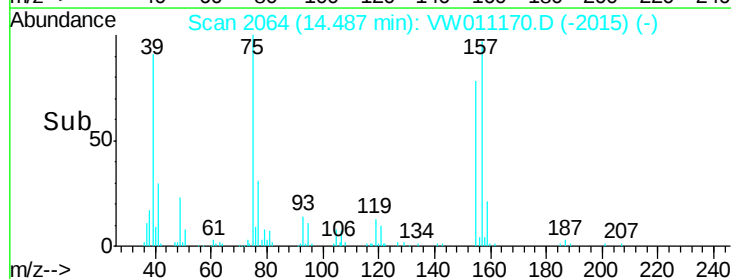
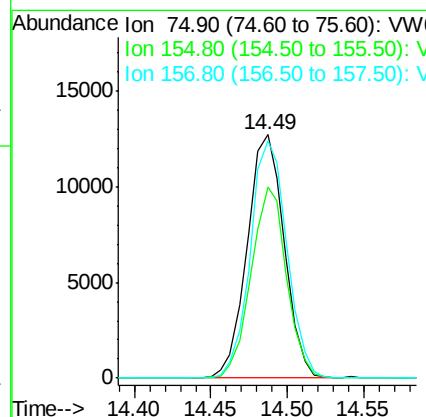
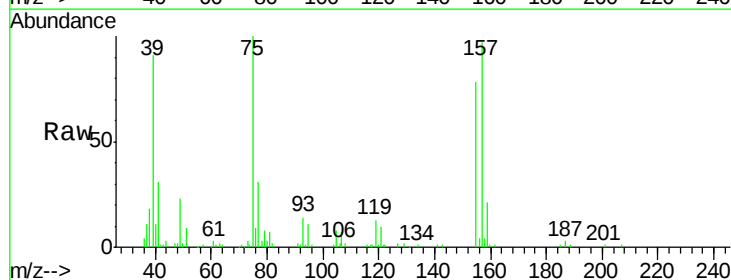
Manual Integrations
 APPROVED

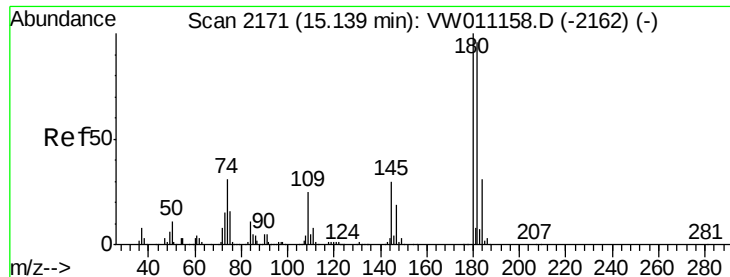
MMDadoda
 7/10/2019 10:47:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.848 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.2	37.1	111.3
157	96.2	48.5	145.6





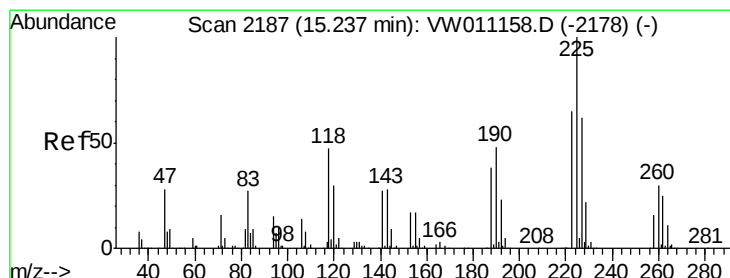
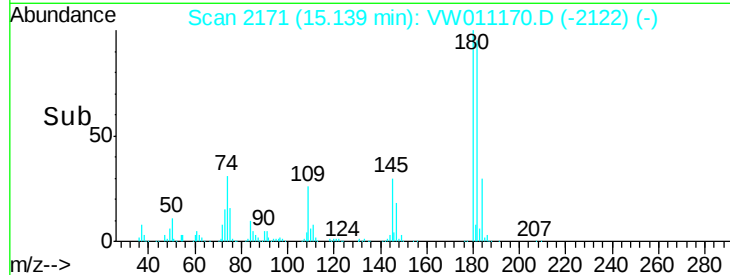
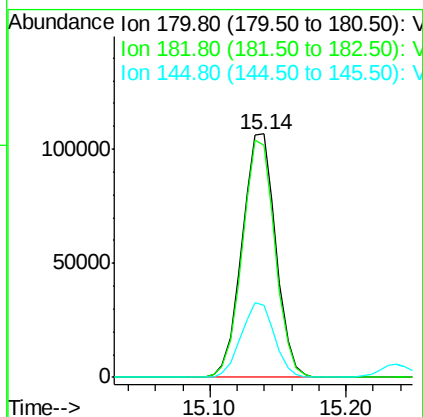
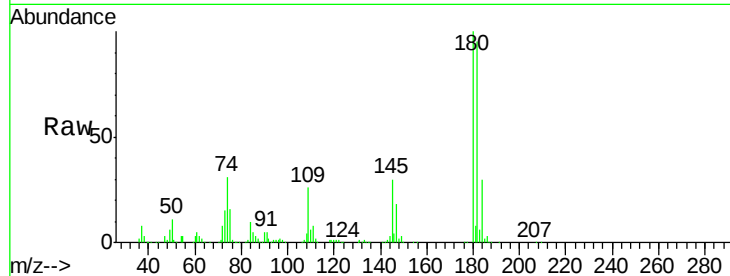
#93
 1,2,4-Trichlorobenzene
 Concen: 55.543 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	184329		
182	95.0	48.3	144.9	
145	30.6	15.5	46.5	

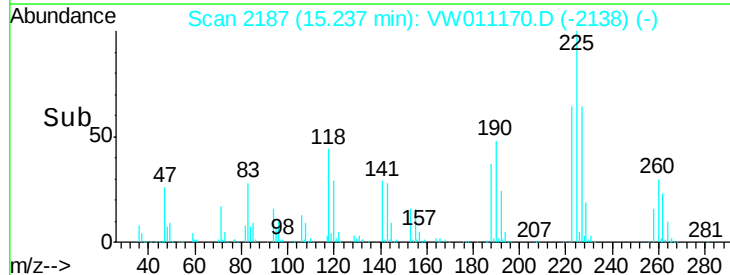
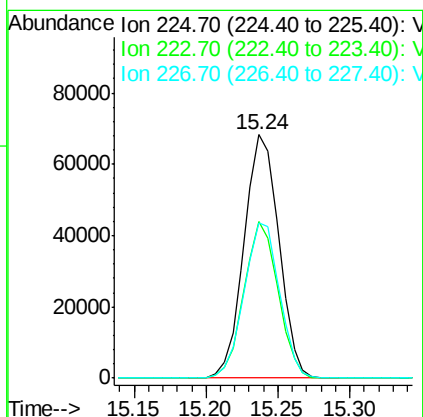
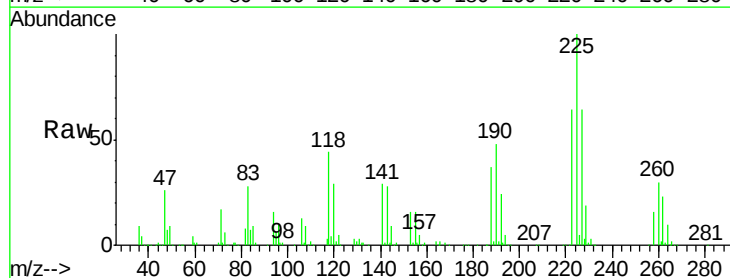
Manual Integrations
 APPROVED

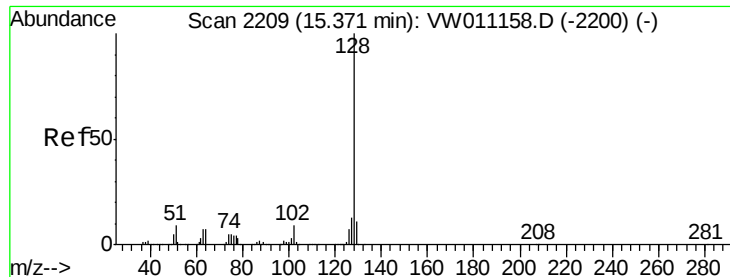
MMDadoda
 7/10/2019 10:47:28 AM



#94
 Hexachlorobutadiene
 Concen: 56.011 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114119		
223	63.0	31.6	95.0	
227	64.7	32.0	96.0	





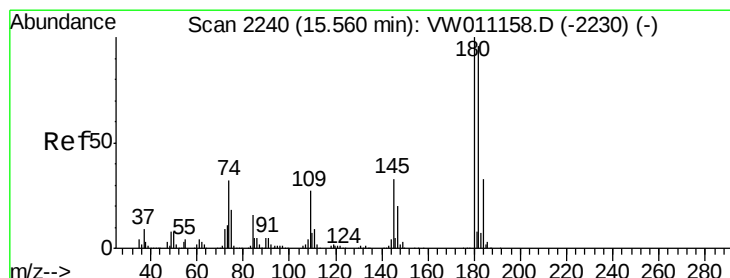
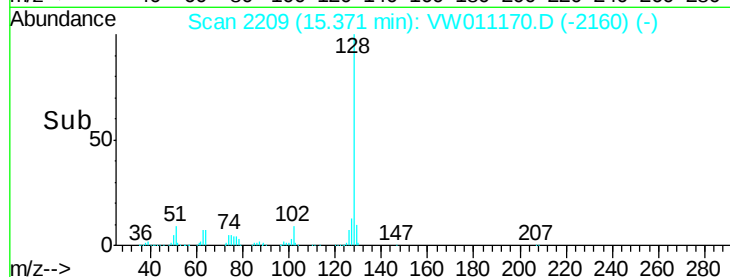
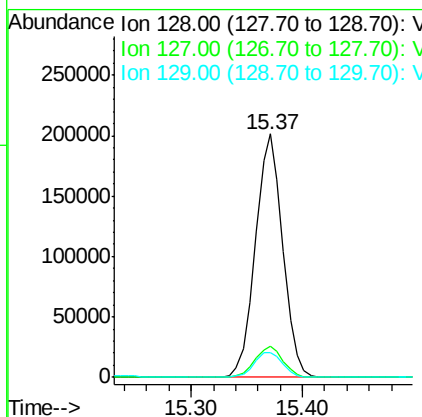
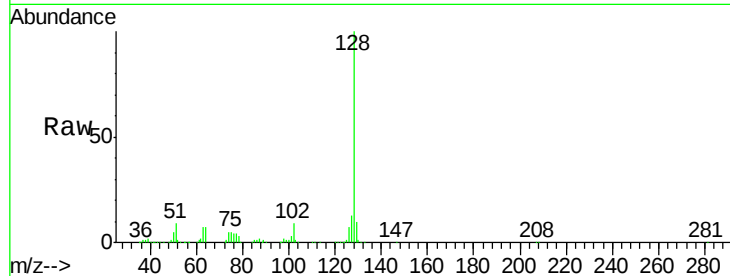
#95
Naphthalene
Concen: 53.918 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/10/2019 10:47:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.851 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.8
145	32.2	16.5	49.5

