

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011219.D
 Acq On : 11 Jul 2019 10:25
 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
 7/15/2019 2:05:51 PM

Quant Time: Jul 12 08:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	136383	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	7.88	113	110365	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.32	98	459312	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.62	95	162141	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	85062	48.881	ug/l	96
3) Chloromethane	2.21	50	108735	48.492	ug/l	97
4) Vinyl Chloride	2.35	62	144007	49.067	ug/l	96
5) Bromomethane	2.77	94	73606	49.910	ug/l	96
6) Chloroethane	2.92	64	81145	51.332	ug/l	94
7) Trichlorofluoromethane	3.25	101	56798	54.476	ug/l	97
8) Diethyl Ether	3.67	74	69377	48.091	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	126395	50.611	ug/l	100
10) Methyl Iodide	4.27	142	173639	50.552	ug/l	99
11) Tert butyl alcohol	5.16	59	43658	201.127	ug/l	100
12) 1,1-Dichloroethene	4.03	96	131188	50.611	ug/l	97
13) Acrolein	3.89	56	59138	342.138	ug/l	98
14) Allyl chloride	4.66	41	256637	54.295	ug/l	99
15) Acrylonitrile	5.35	53	165526	225.293	ug/l	99
16) Acetone	4.11	43	201135	285.119	ug/l	99
17) Carbon Disulfide	4.38	76	391593	49.832	ug/l	100
18) Methyl Acetate	4.66	43	77258	38.177	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	184414	46.889	ug/l	100
20) Methylene Chloride	4.92	84	136769	49.146	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	138692	51.493	ug/l	98
22) Diisopropyl ether	6.31	45	511403	50.304	ug/l	96
23) Vinyl Acetate	6.24	43	1599383	254.207	ug/l	99
24) 1,1-Dichloroethane	6.21	63	270811	50.728	ug/l	98
25) 2-Butanone	7.17	43	256394	231.536	ug/l	97
26) 2,2-Dichloropropane	7.16	77	144290	51.996	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	147065	50.618	ug/l	100
28) Bromochloromethane	7.51	49	113586	46.793	ug/l #	99
29) Tetrahydrofuran	7.52	42	157221	216.526	ug/l	100
30) Chloroform	7.67	83	246058	49.769	ug/l	98
31) Cyclohexane	7.95	56	280749	49.433	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	191704	50.974	ug/l	99
36) 1,1-Dichloropropene	8.07	75	213514	53.135	ug/l	100
37) Ethyl Acetate	7.24	43	110432	45.741	ug/l	99
38) Carbon Tetrachloride	8.06	117	180448	52.973	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	261394	53.670	ug/l	99
40) Benzene	8.32	78	576684	51.930	ug/l	100
41) Methacrylonitrile	7.48	41	62869	45.530	ug/l	95
42) 1,2-Dichloroethane	8.40	62	175159	48.623	ug/l	100
43) Isopropyl Acetate	8.42	43	207363	45.493	ug/l	99
44) Trichloroethene	9.09	130	139657	52.260	ug/l	98
45) 1,2-Dichloropropane	9.37	63	152089	50.575	ug/l	100
46) Dibromomethane	9.46	93	67752	47.961	ug/l	99
47) Bromodichloromethane	9.64	83	182351	50.450	ug/l	99
48) Methyl methacrylate	9.43	41	107852	49.182	ug/l	96
49) 1,4-Dioxane	9.45	88	21150	896.971	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	535633	224.955	ug/l	100
52) Toluene	10.38	92	352496	52.327	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190507	49.516	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	232010	51.233	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	96267	48.036	ug/l	98
56) Ethyl methacrylate	10.65	69	145415	47.660	ug/l	99
57) 1,3-Dichloropropane	10.93	76	184238	48.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	316777	223.950	ug/l	99
59) 2-Hexanone	10.97	43	391489	237.083	ug/l	100
60) Dibromochloromethane	11.13	129	108139	49.208	ug/l	99
61) 1,2-Dibromoethane	11.23	107	90662	47.760	ug/l	99
64) Tetrachloroethene	10.86	164	114140	51.373	ug/l	98
65) Chlorobenzene	11.66	112	349931	52.273	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121805	51.677	ug/l	99
67) Ethyl Benzene	11.73	91	685707	53.507	ug/l	99
68) m/p-Xylenes	11.84	106	496876	107.153	ug/l	100
69) o-Xylene	12.16	106	229634	52.541	ug/l	99
70) Styrene	12.18	104	401238	53.195	ug/l	100
71) Bromoform	12.35	173	58257	46.486	ug/l #	97
73) Isopropylbenzene	12.46	105	647757	54.904	ug/l	99
74) N-amyl acetate	12.27	43	196393	47.796	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	113312	46.853	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80297m	44.025	ug/l	
77) Bromobenzene	12.75	156	139265	52.598	ug/l	96
78) n-propylbenzene	12.80	91	805149	55.399	ug/l	100
79) 2-Chlorotoluene	12.89	91	452097	54.057	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	545889	54.463	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36235	44.935	ug/l	96
82) 4-Chlorotoluene	12.99	91	464837	53.362	ug/l	100
83) tert-Butylbenzene	13.21	119	463679	55.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	546805	54.331	ug/l	99
85) sec-Butylbenzene	13.38	105	662130	54.894	ug/l	100
86) p-Isopropyltoluene	13.50	119	600327	55.491	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	272433	53.479	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	267622	52.171	ug/l	99
89) n-Butylbenzene	13.82	91	610480	56.566	ug/l	99
90) Hexachloroethane	14.10	117	105599	53.416	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	237577	51.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19178	44.707	ug/l	98

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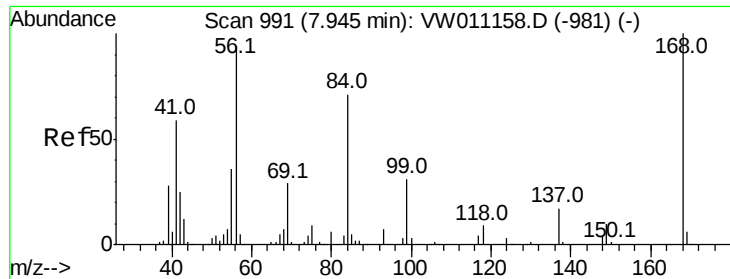
Manual Integrations
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7/15/2019 2:05:51 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	172576	54.215	ug/l	100
94) Hexachlorobutadiene	15.24	225	108735	55.640	ug/l	99
95) Naphthalene	15.37	128	311688	51.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	150264	53.488	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: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 233330

Ion Ratio Lower Upper

168 100

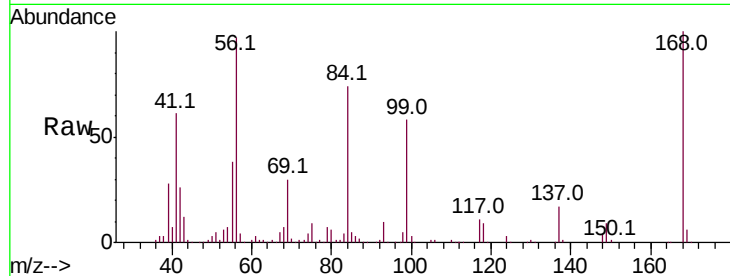
99 58.4 50.1 75.1

Manual Integrations

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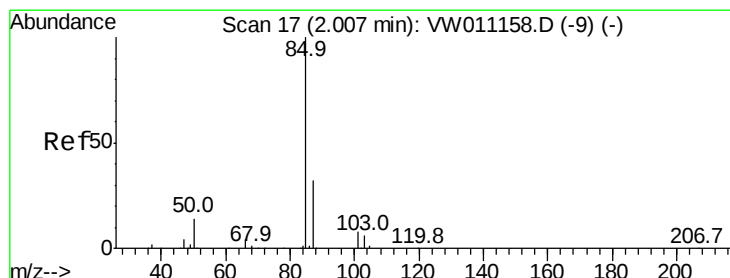
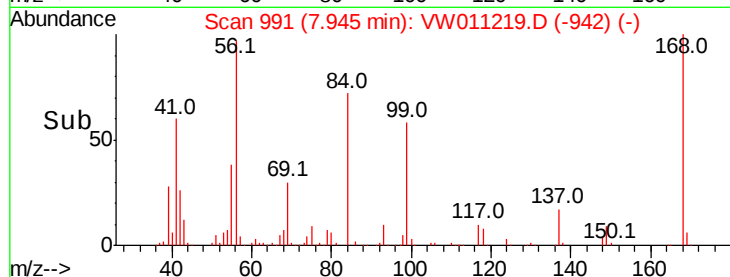
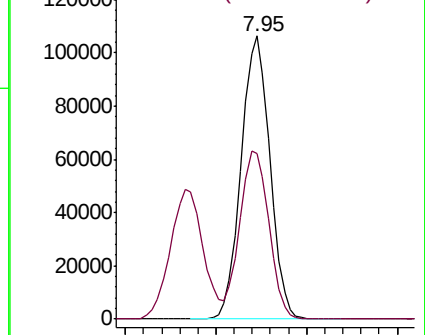
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.881 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011219.D

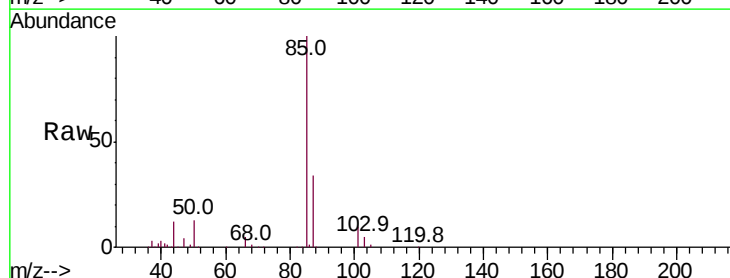
Acq: 11 Jul 2019 10:25

Tgt Ion: 85 Resp: 85062

Ion Ratio Lower Upper

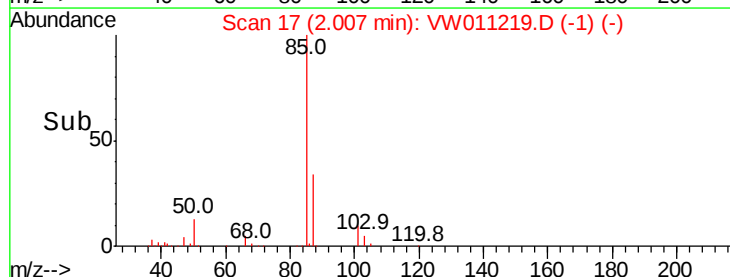
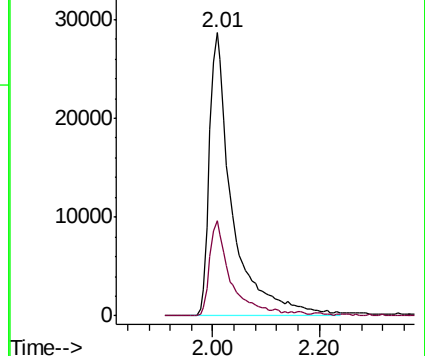
85 100

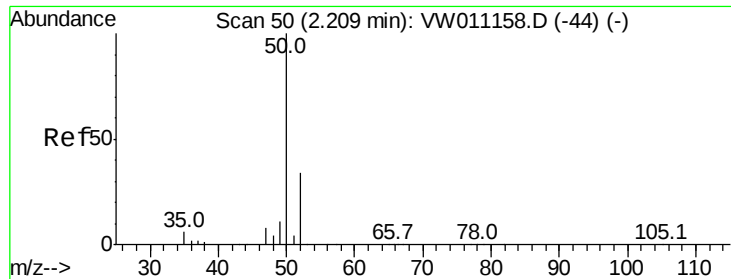
87 33.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.492 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 108735

Ion Ratio Lower Upper

50 100

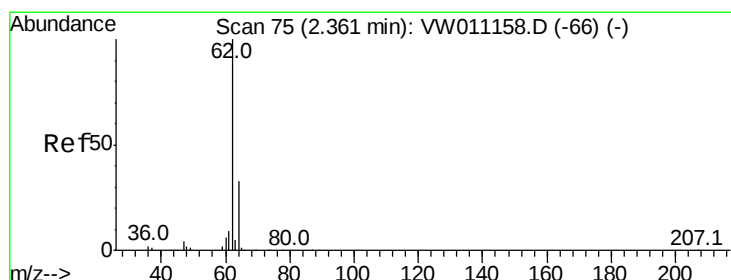
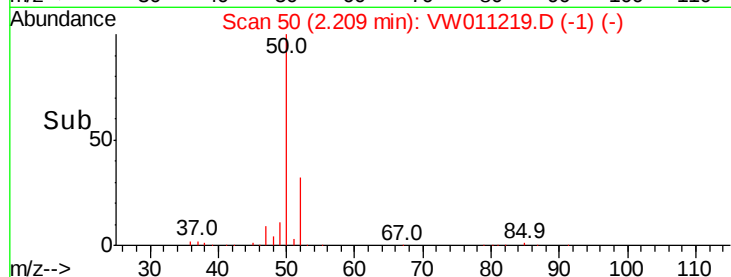
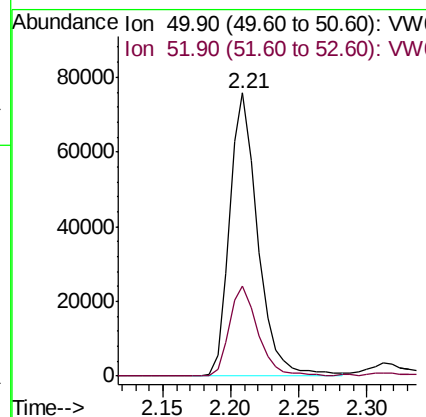
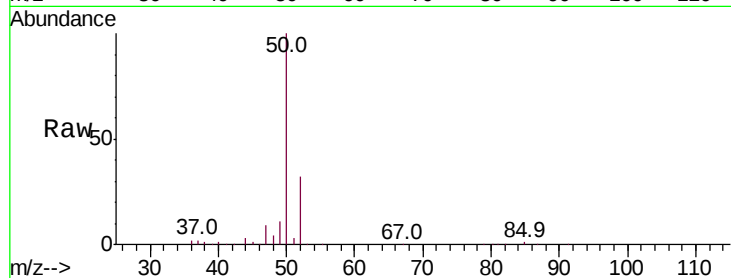
52 32.1 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.067 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011219.D

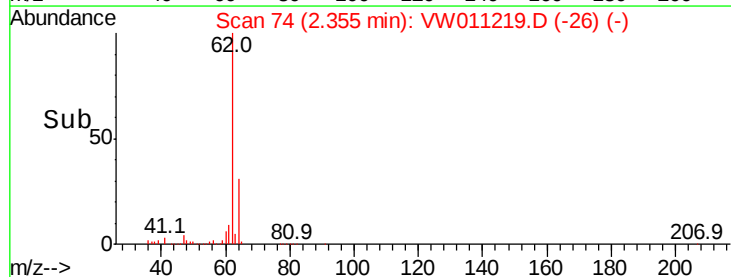
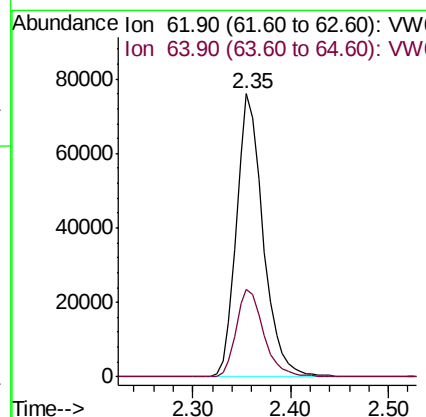
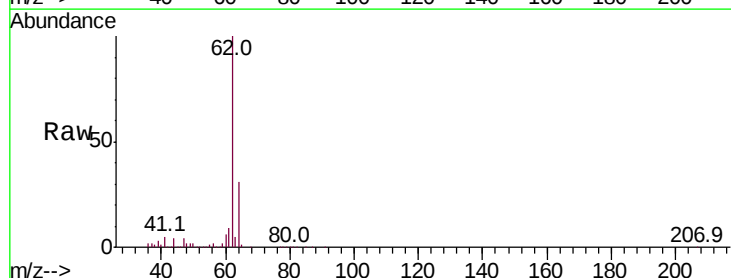
Acq: 11 Jul 2019 10:25

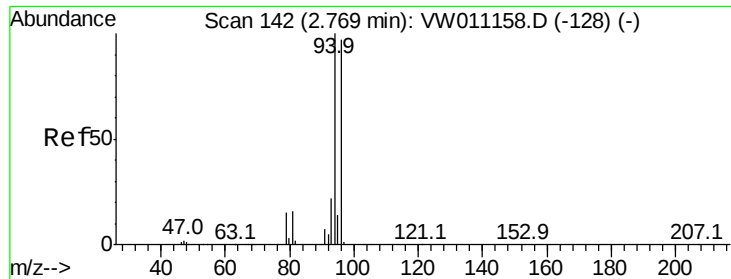
Tgt Ion: 62 Resp: 144007

Ion Ratio Lower Upper

62 100

64 31.0 26.6 40.0





#5

Bromomethane

Concen: 49.910 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73606

Ion Ratio Lower Upper

94 100

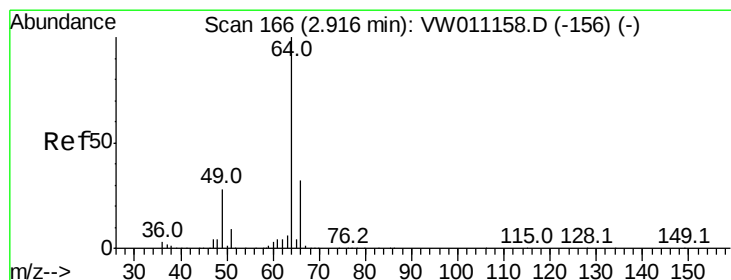
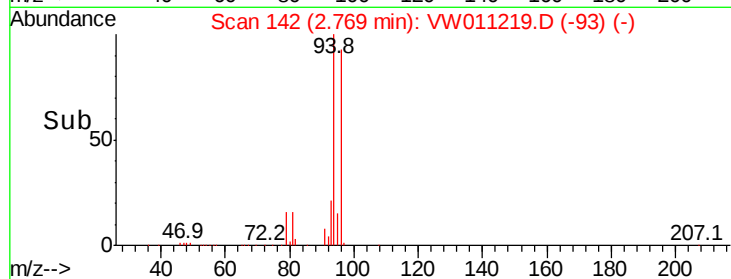
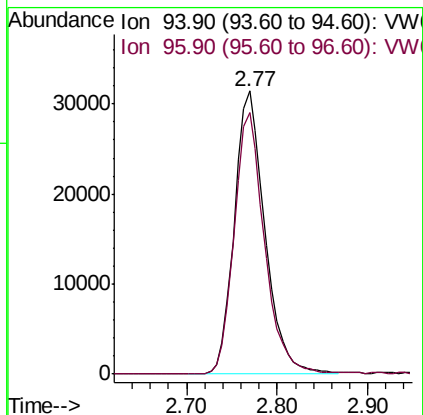
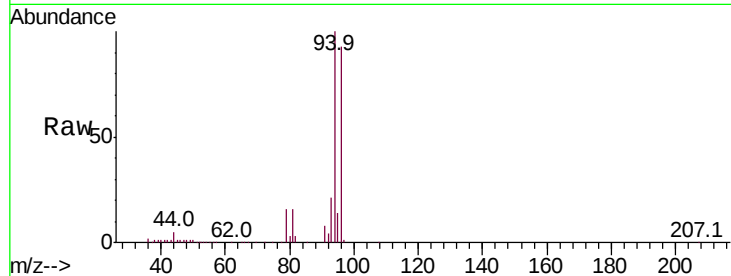
96 92.6 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 51.332 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011219.D

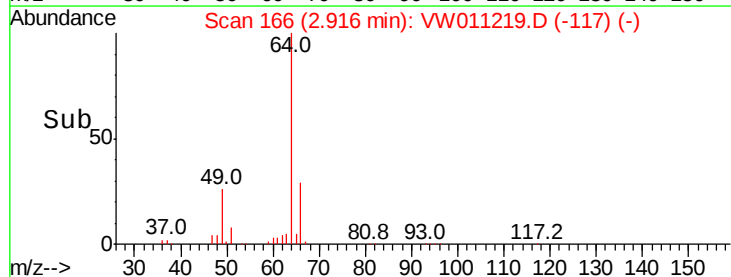
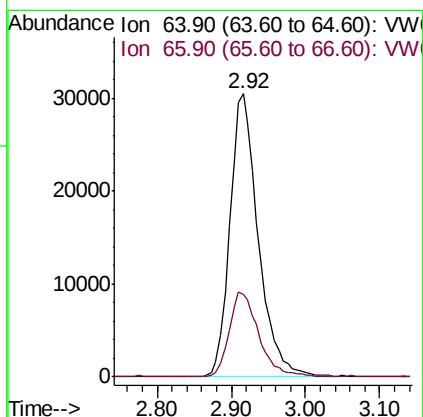
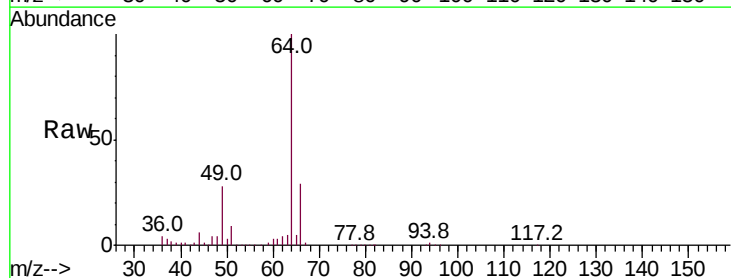
Acq: 11 Jul 2019 10:25

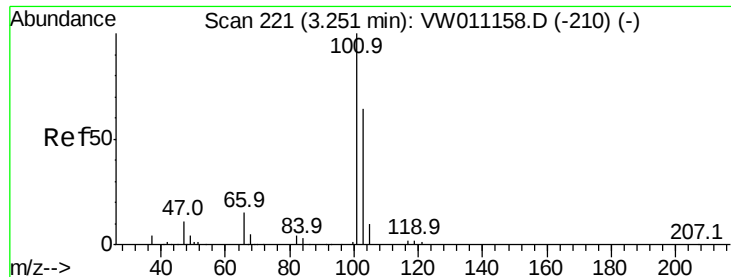
Tgt Ion: 64 Resp: 81145

Ion Ratio Lower Upper

64 100

66 29.1 25.8 38.8





#7

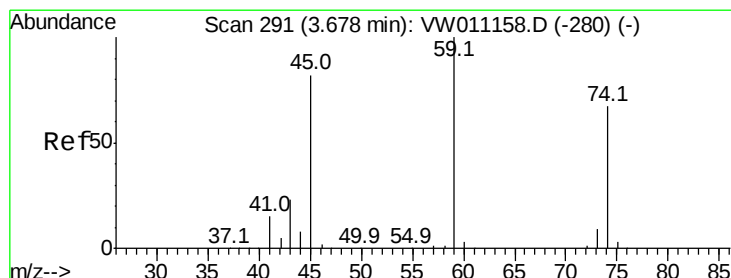
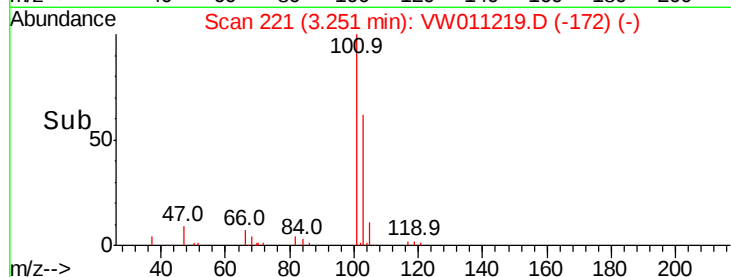
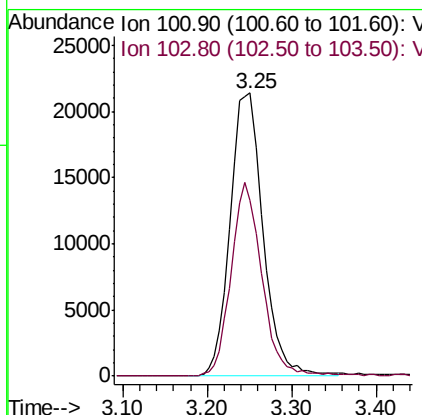
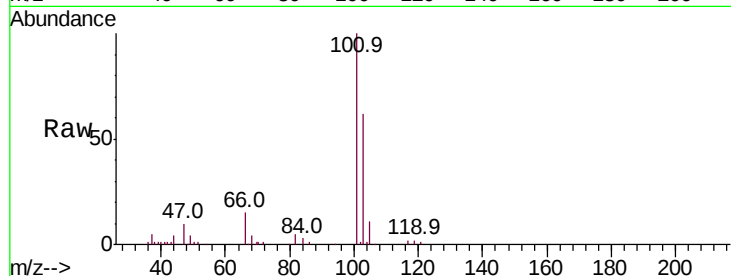
Trichlorofluoromethane
 Concen: 54.476 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.3	76.9

Manual Integrations
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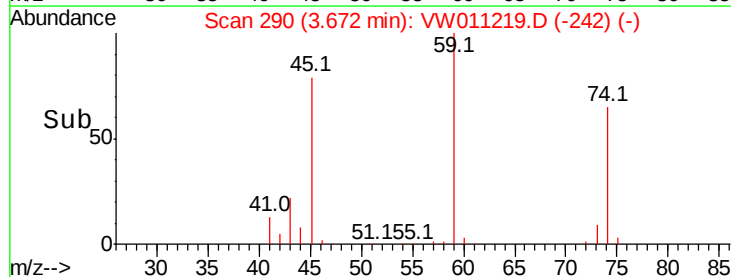
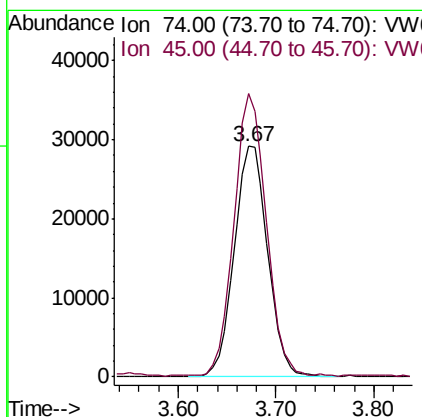
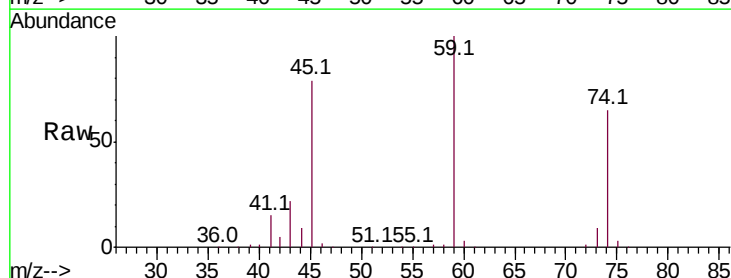
MMDadoda
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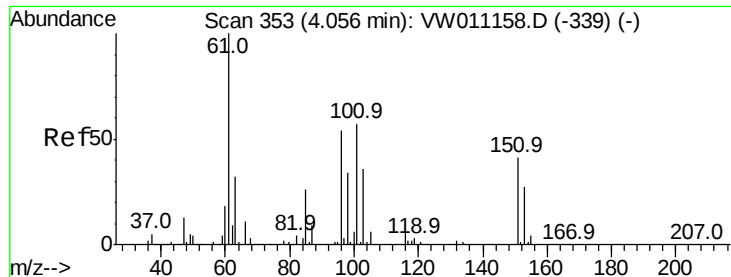


#8

Diethyl Ether
 Concen: 48.091 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.7	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.611 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

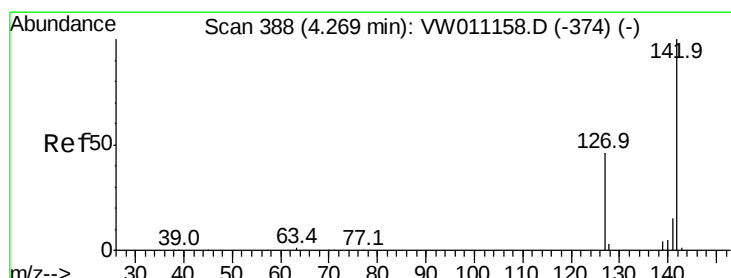
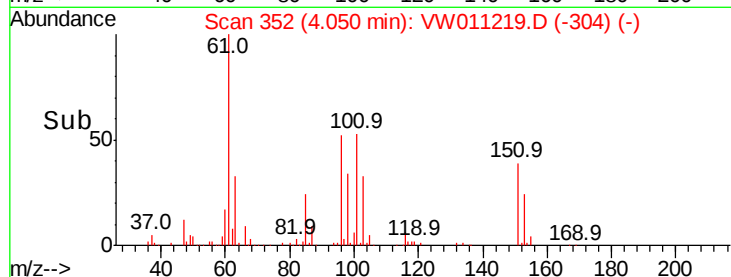
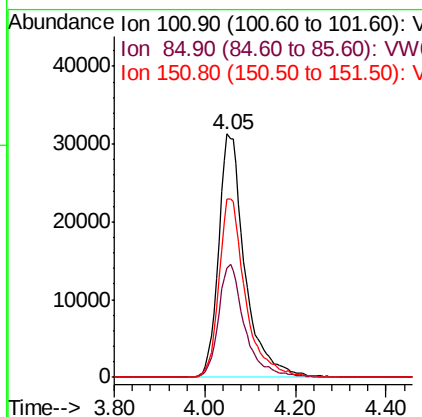
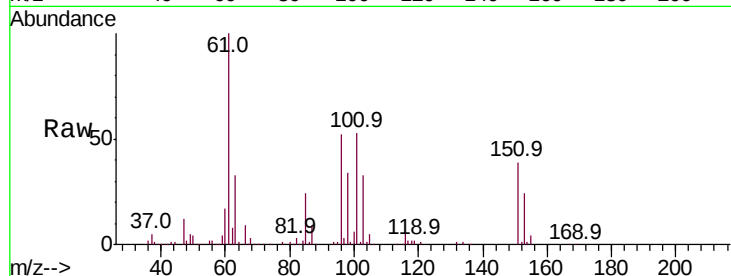
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	126395
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.5	54.7
151	73.5	59.1	88.7

Manual Integrations
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#10

Methyl Iodide

Concen: 50.552 ug/l

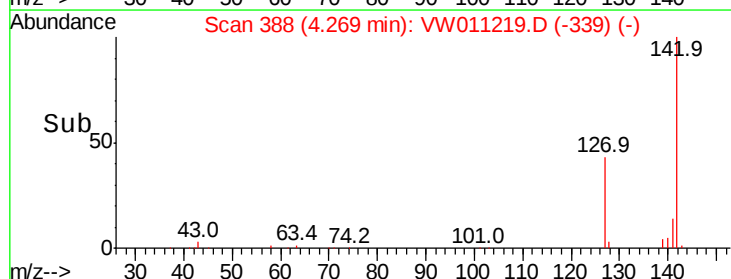
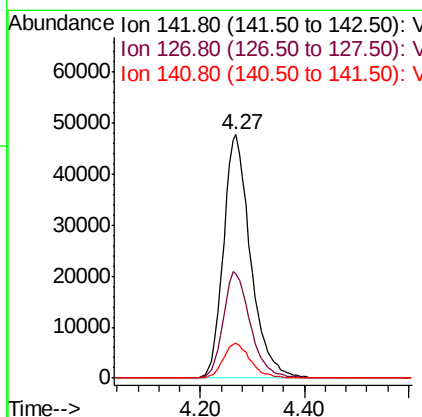
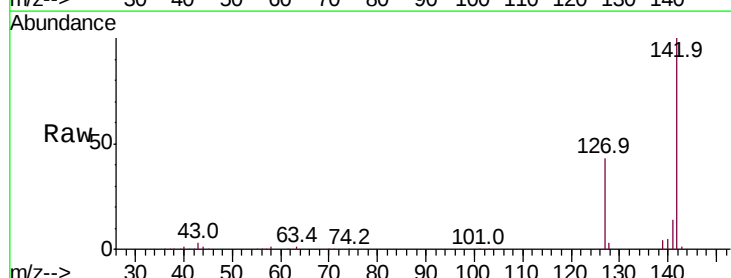
RT: 4.27 min Scan# 388

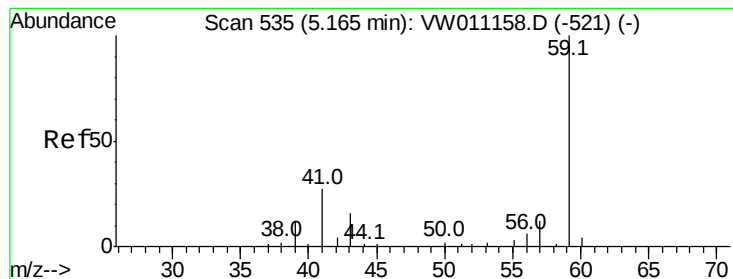
Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion:	142	Resp:	173639
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.7	53.5
141	14.4	11.5	17.3





#11

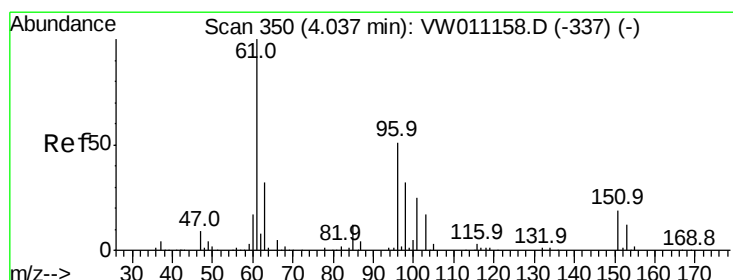
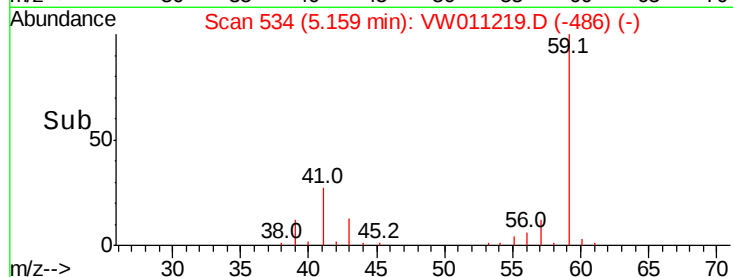
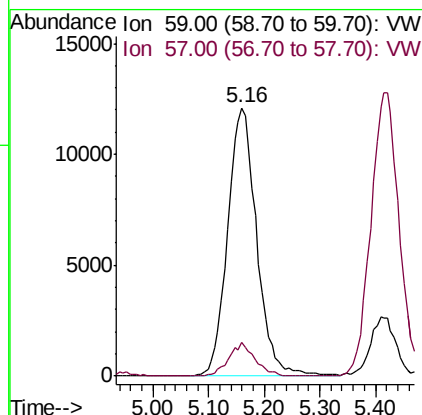
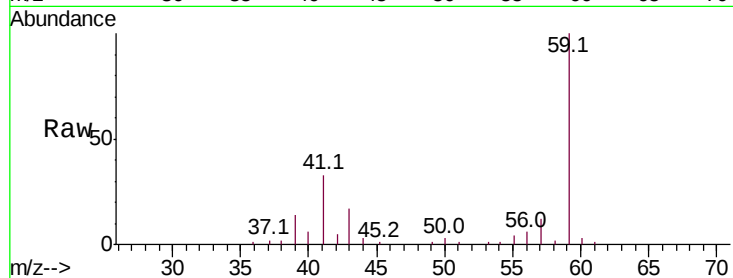
Tert butyl alcohol
 Concen: 201.127 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.0	13.6

Manual Integrations
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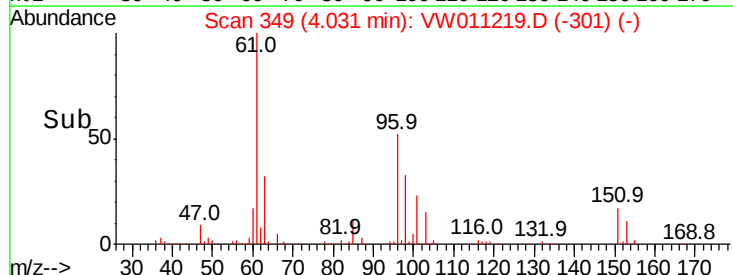
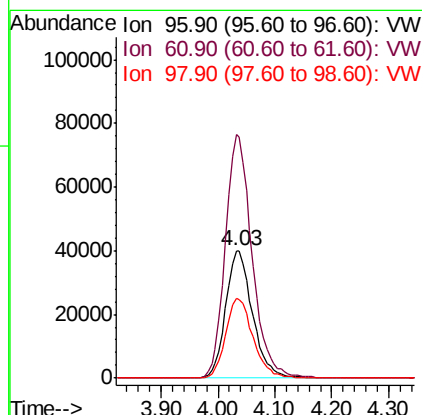
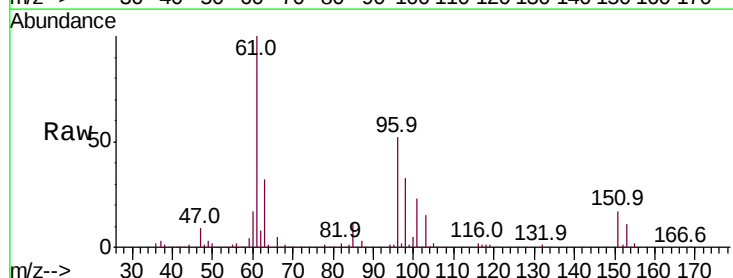
MMDadoda
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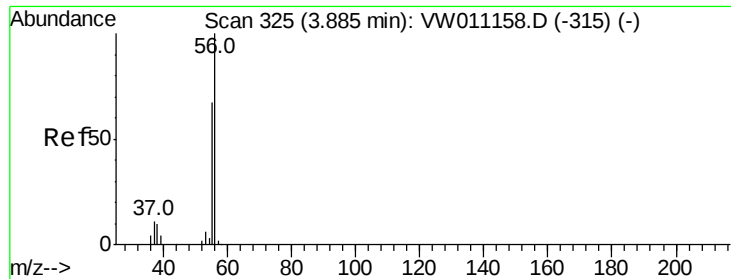


#12

1,1-Dichloroethene
 Concen: 50.611 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	191.3	157.7	236.5
98	62.3	50.9	76.3





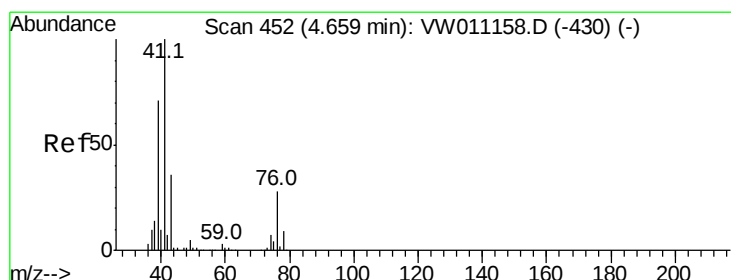
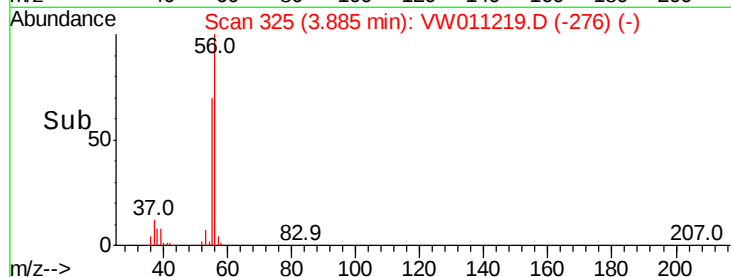
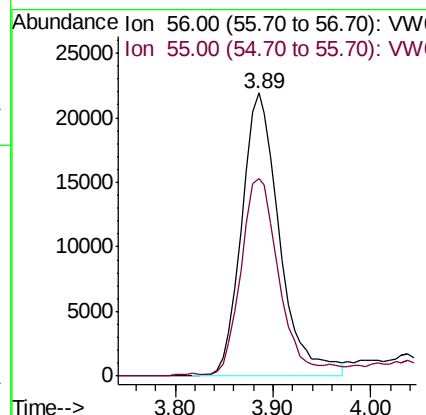
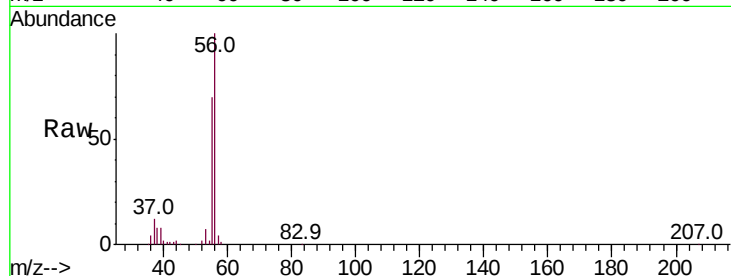
#13
Acrolein
Concen: 342.138 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	59138
Ion Ratio	100	Lower	Upper
55	72.1	56.4	84.6

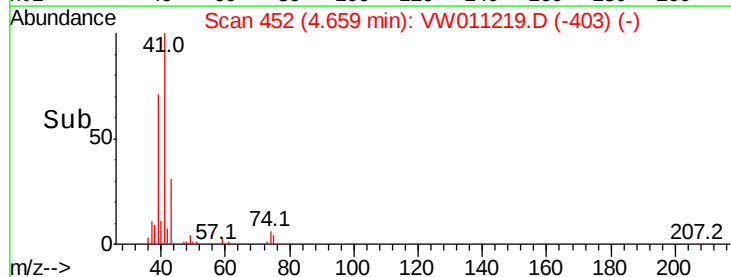
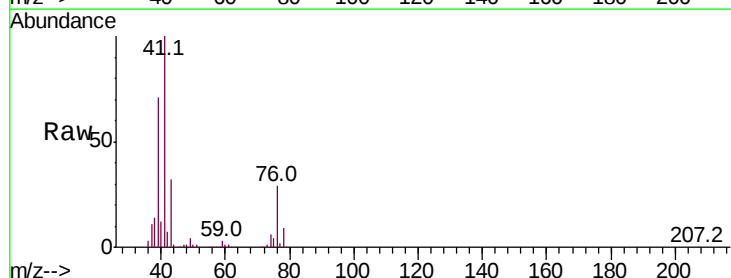
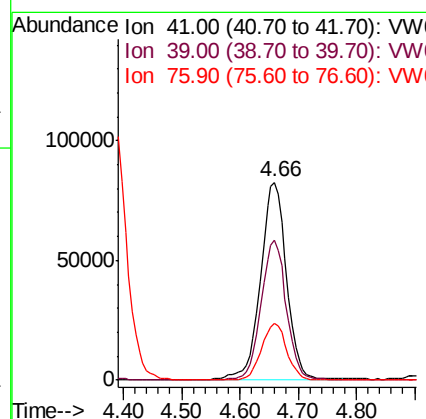
Manual Integrations
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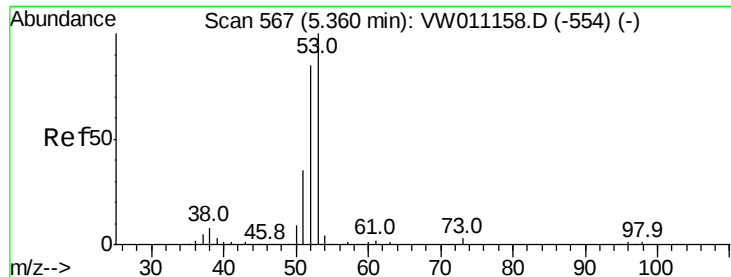
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#14
Allyl chloride
Concen: 54.295 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	41	Resp	256637
Ion Ratio	100	Lower	Upper
39	68.4	55.1	82.7
76	27.7	22.5	33.7





#15

Acrylonitrile

Concen: 225.293 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

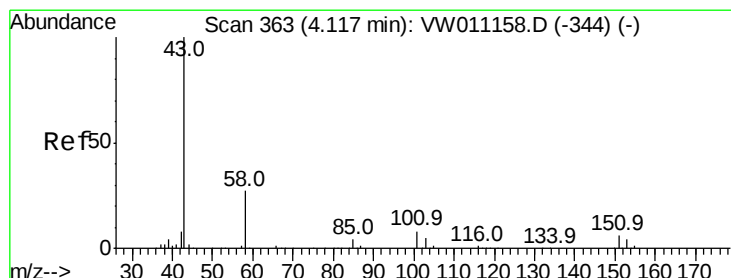
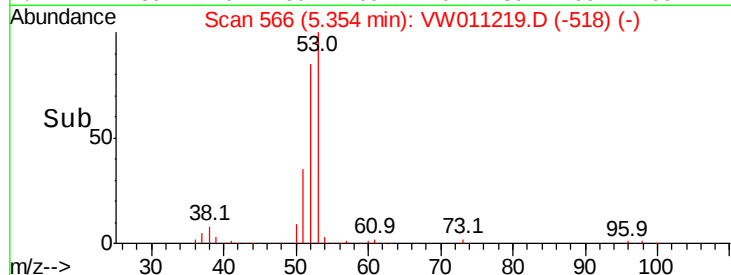
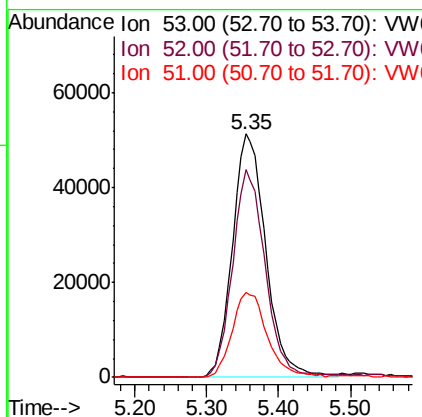
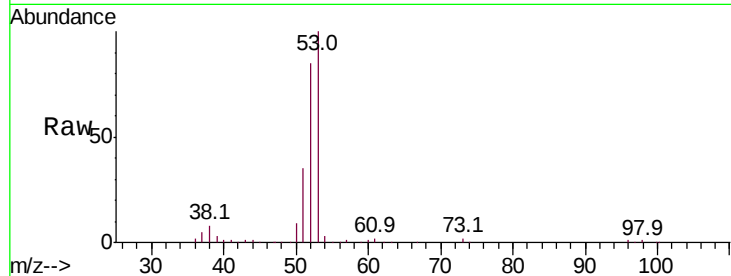
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	165526
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.2	99.4
51	36.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 285.119 ug/l

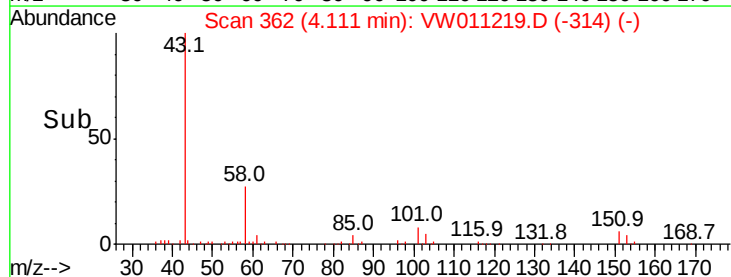
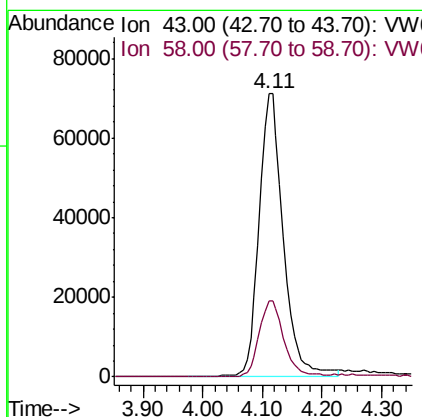
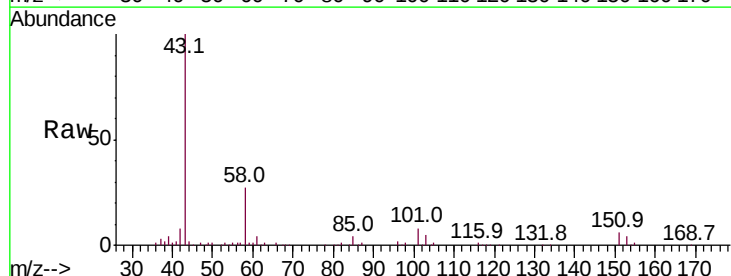
RT: 4.11 min Scan# 362

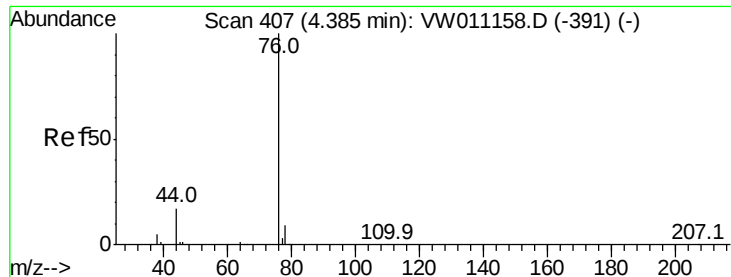
Delta R.T. -0.01 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion:	43	Resp:	201135
Ion Ratio	Lower	Upper	
43	100		
58	26.6	21.8	32.6





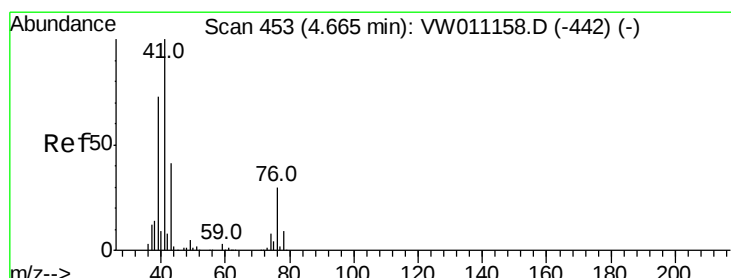
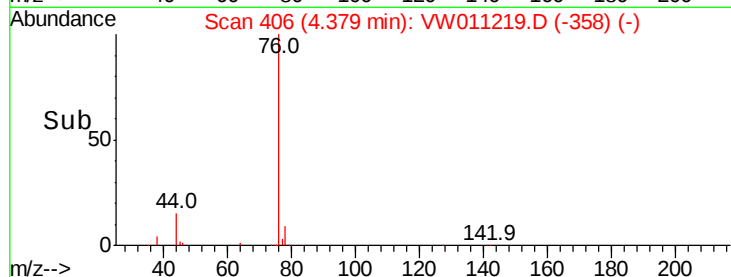
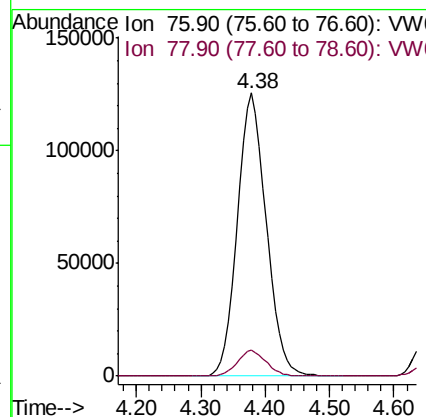
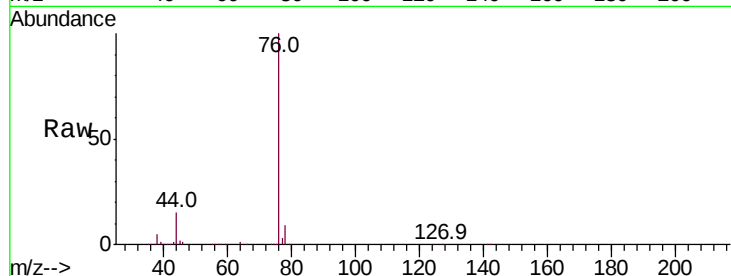
#17
Carbon Disulfide
Concen: 49.832 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

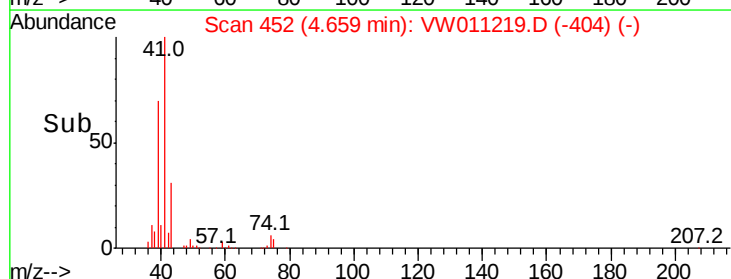
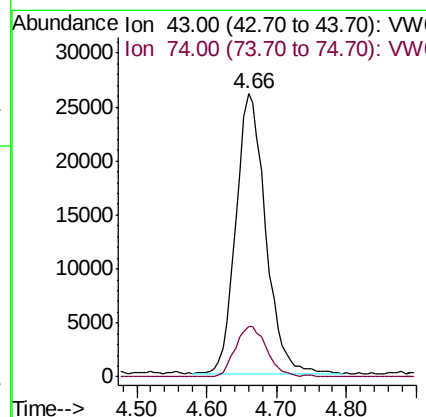
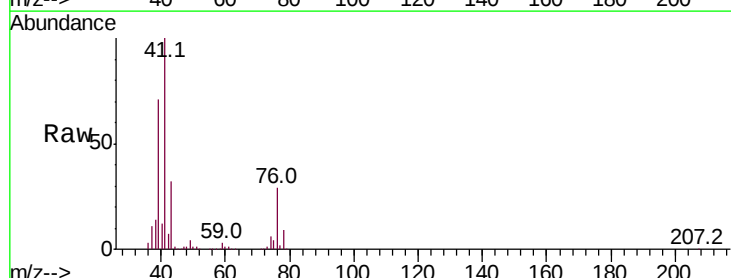
Manual Integrations
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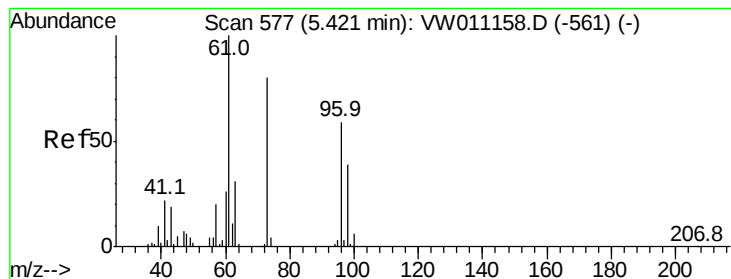
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#18
Methyl Acetate
Concen: 38.177 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.9	15.7	23.5





#19

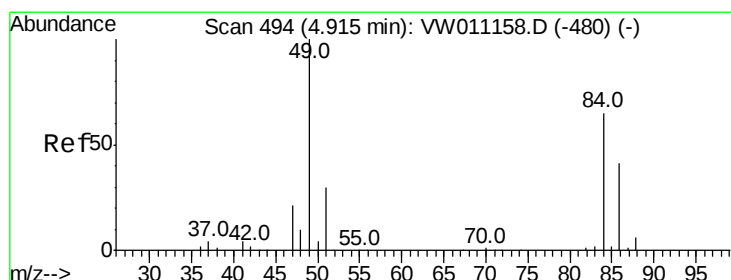
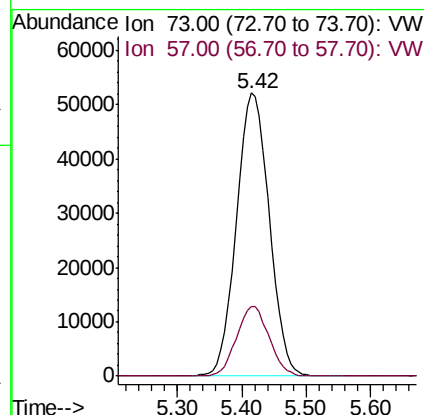
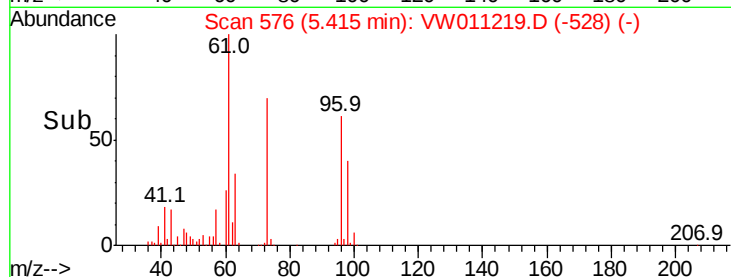
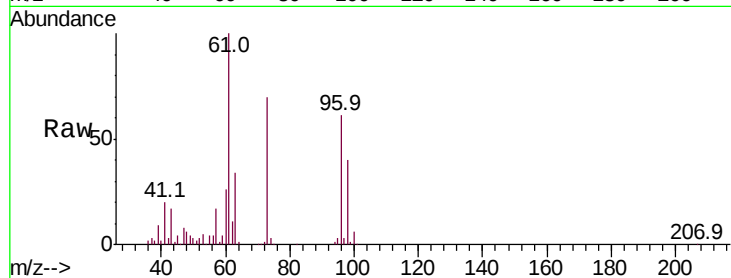
Methyl tert-butyl Ether
 Concen: 46.889 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 184414
 Ion Ratio Lower Upper
 73 100
 57 24.5 19.7 29.5

Manual Integrations
 APPROVED

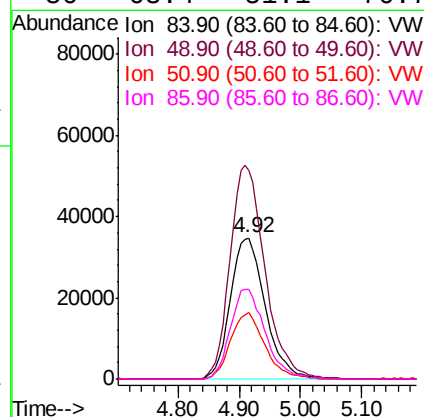
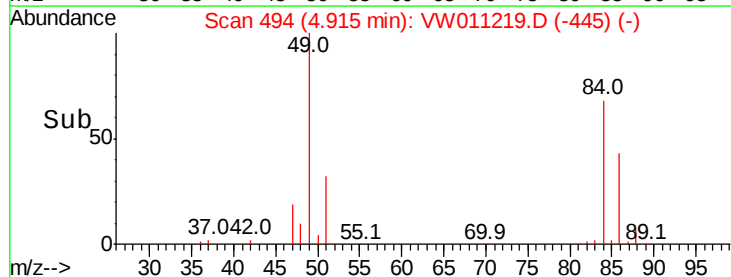
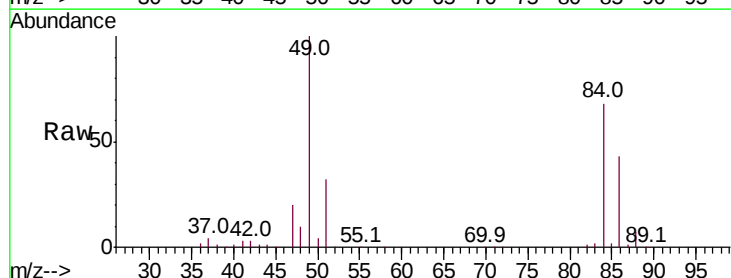
MMDadoda
 7/15/2019 2:05:51 PM

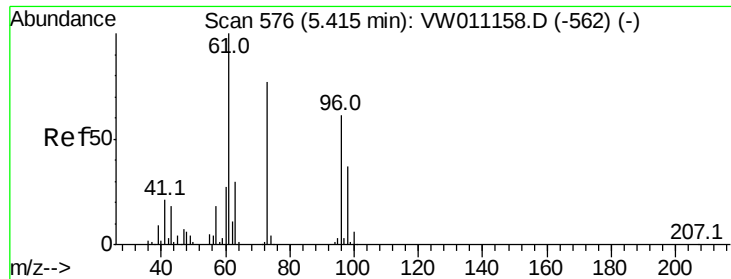


#20

Methylene Chloride
 Concen: 49.146 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion: 84 Resp: 136769
 Ion Ratio Lower Upper
 84 100
 49 147.2 123.8 185.6
 51 47.1 37.4 56.2
 86 63.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.493 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

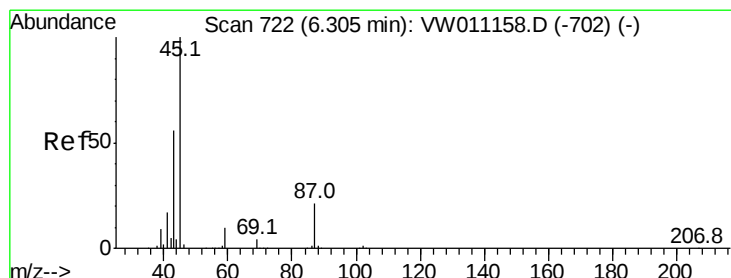
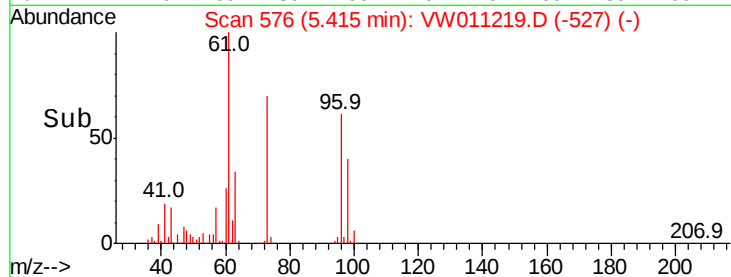
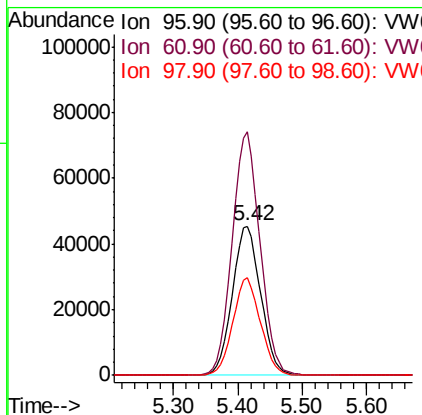
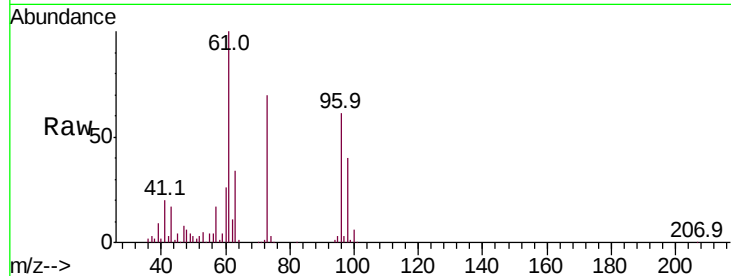
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	138692
Ion	Ratio	Lower	Upper
96	100		
61	163.4	132.2	198.2
98	65.6	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.304 ug/l

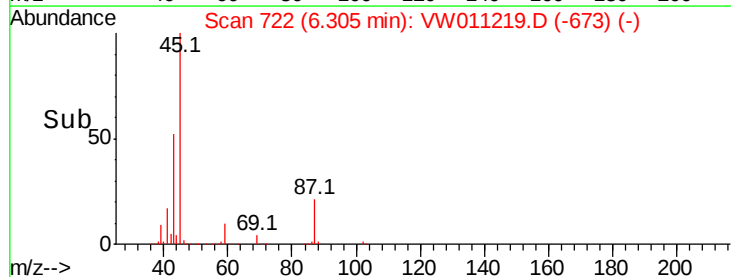
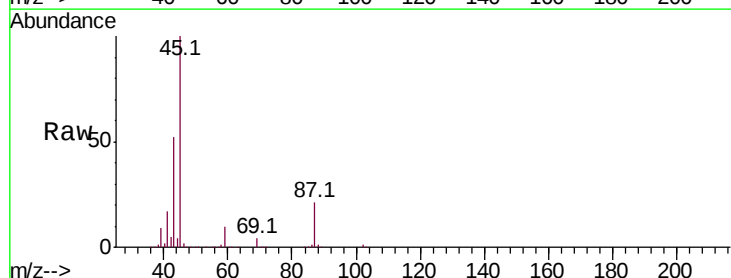
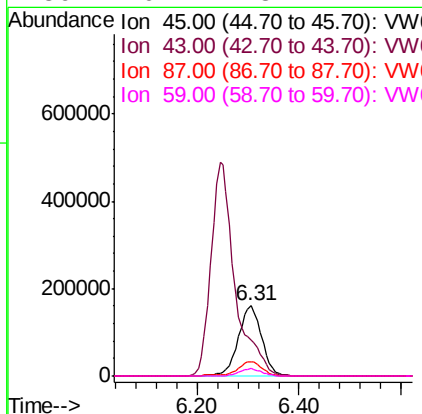
RT: 6.31 min Scan# 722

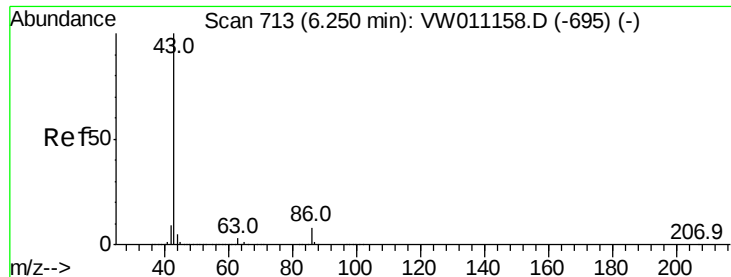
Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion:	45	Resp:	511403
Ion	Ratio	Lower	Upper
45	100		
43	51.3	44.6	66.8
87	20.9	17.3	25.9
59	10.4	8.2	12.2





#23

Vinyl Acetate

Concen: 254.207 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1599383

Ion Ratio Lower Upper

43 100

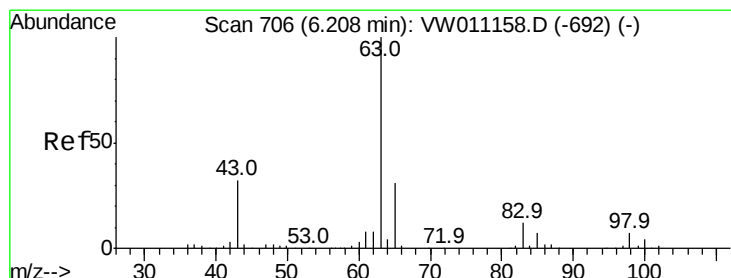
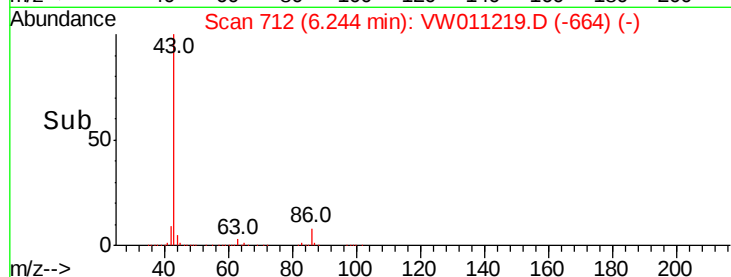
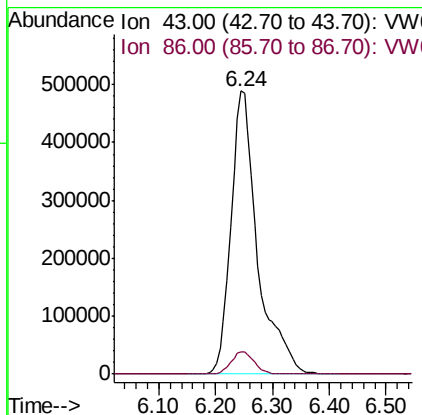
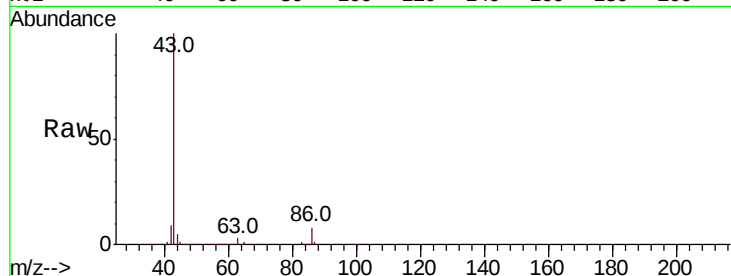
86 7.9 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.728 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

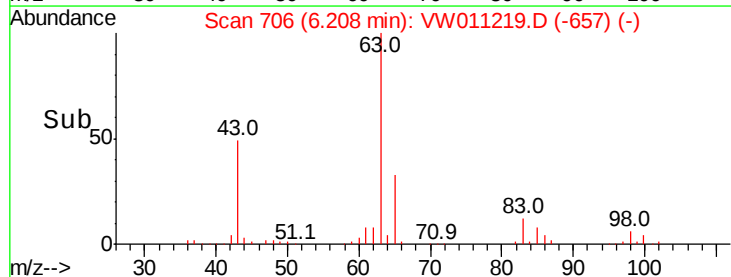
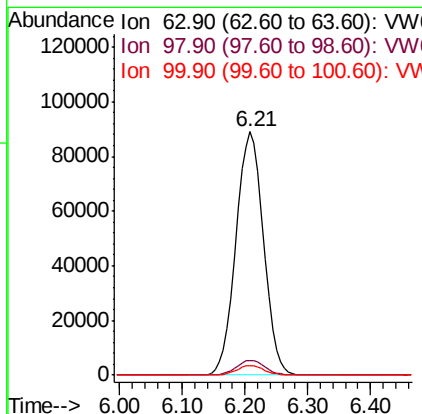
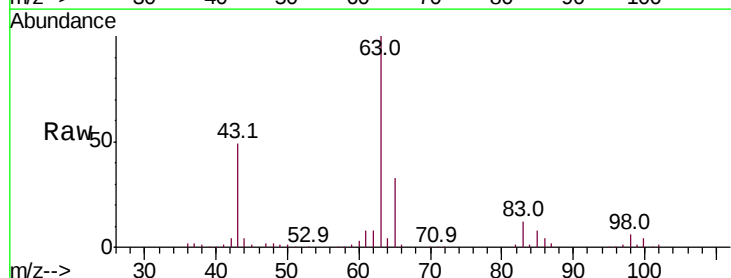
Tgt Ion: 63 Resp: 270811

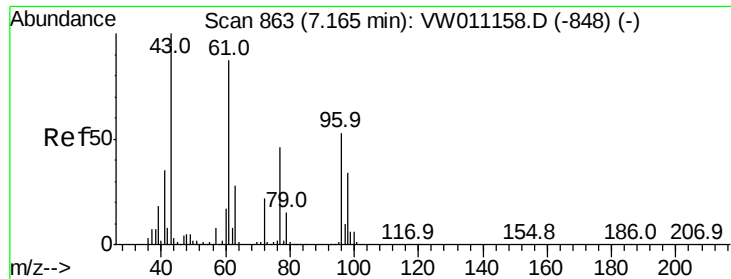
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.7 2.1 6.2





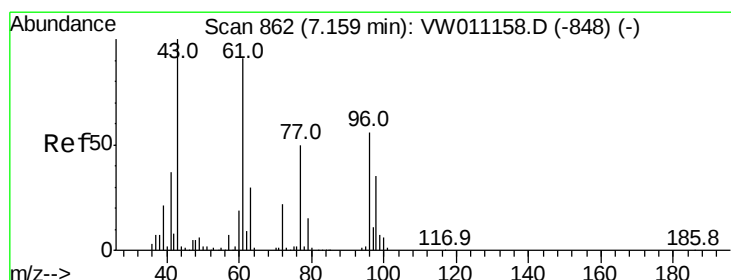
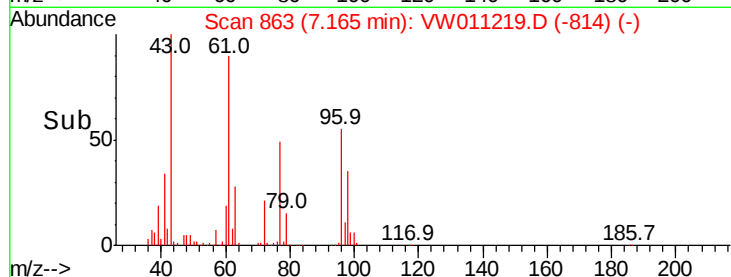
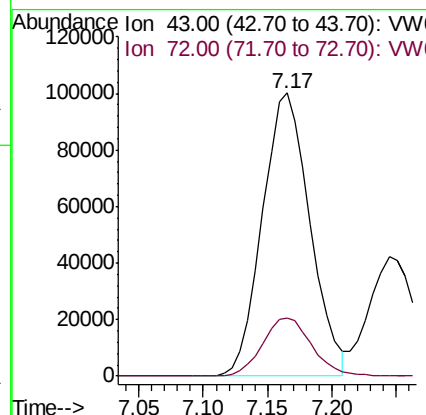
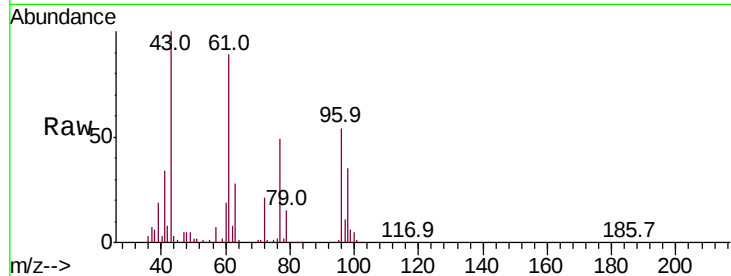
#25
2-Butanone
Concen: 231.536 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 256394
Ion Ratio Lower Upper
43 100
72 20.8 17.6 26.4

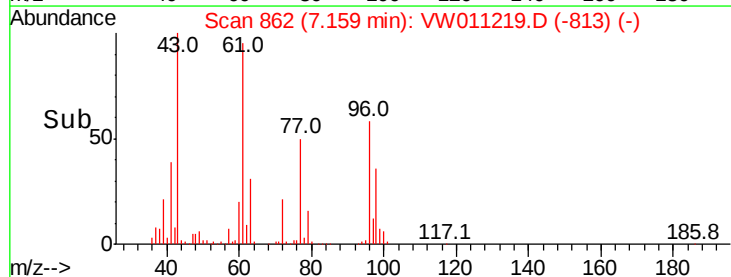
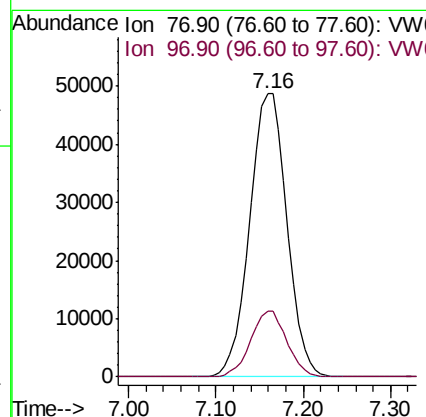
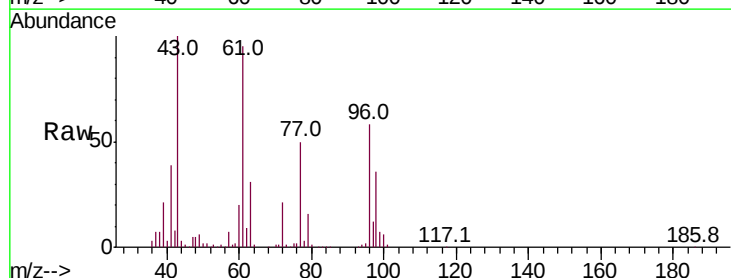
Manual Integrations
APPROVED

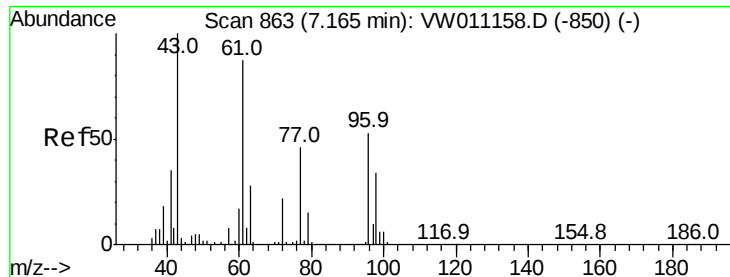
MMDadoda
7/15/2019 2:05:51 PM



#26
2,2-Dichloropropane
Concen: 51.996 ug/l
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion: 77 Resp: 144290
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27

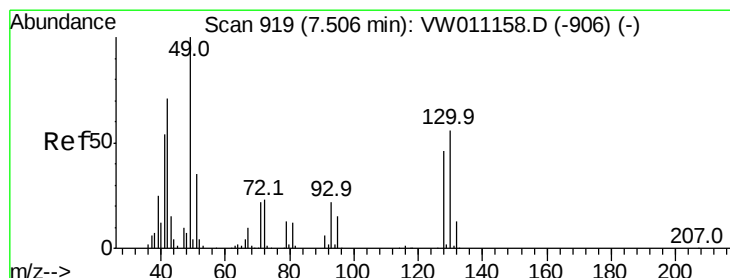
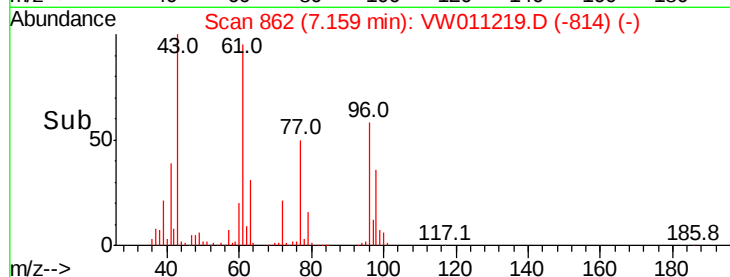
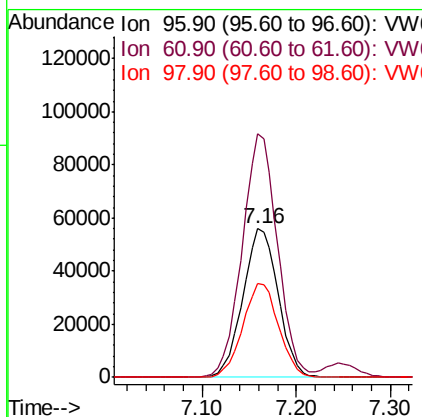
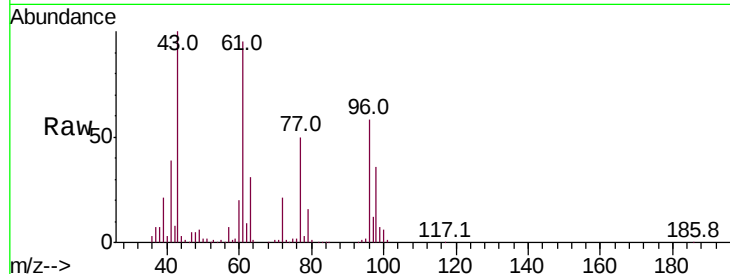
cis-1,2-Dichloroethene
Concen: 50.618 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.5	0.0	325.6
98	64.0	0.0	128.2

Manual Integrations
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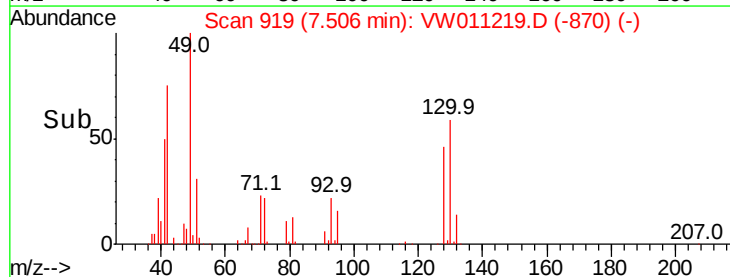
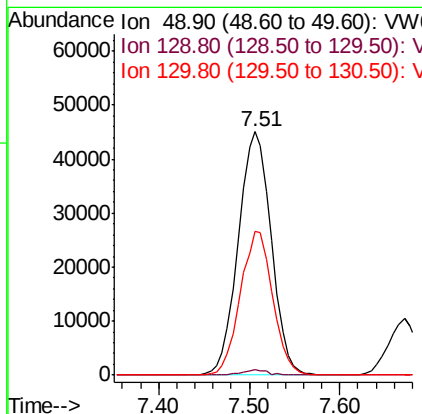
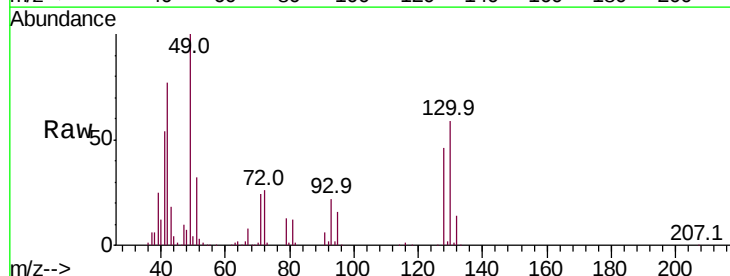
MMDadoda
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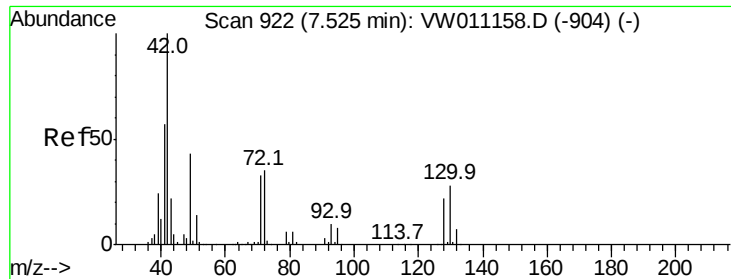


#28

Bromochloromethane
Concen: 46.793 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	1.4#
130	58.0	45.8	68.8





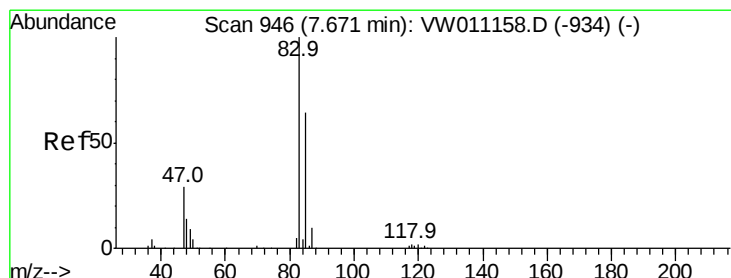
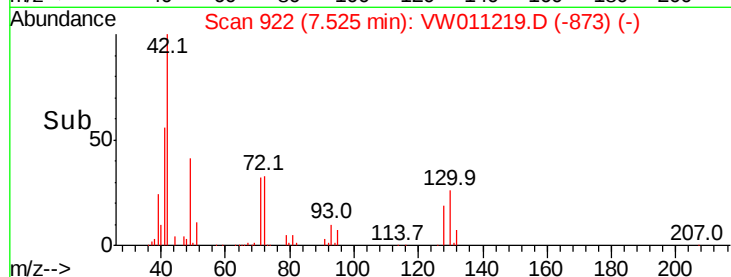
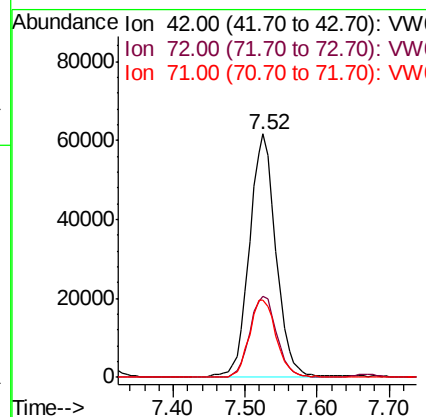
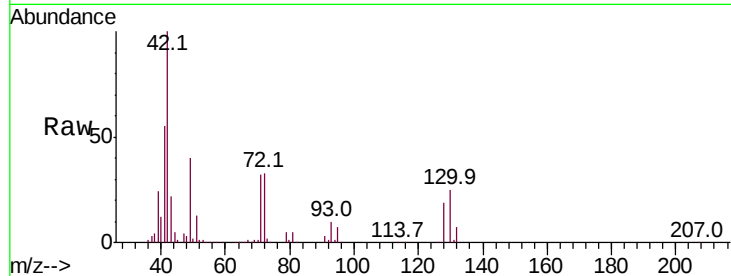
#29
Tetrahydrofuran
Concen: 216.526 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.3	27.4	41.2
71	32.5	25.9	38.9

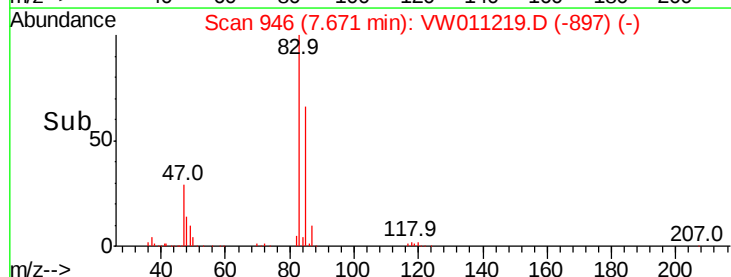
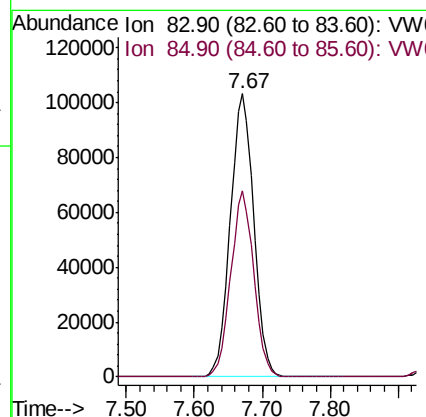
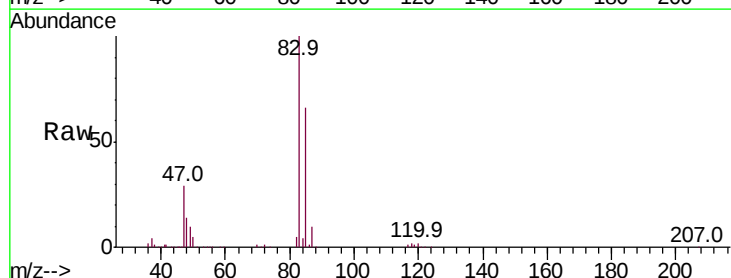
Manual Integrations
APPROVED

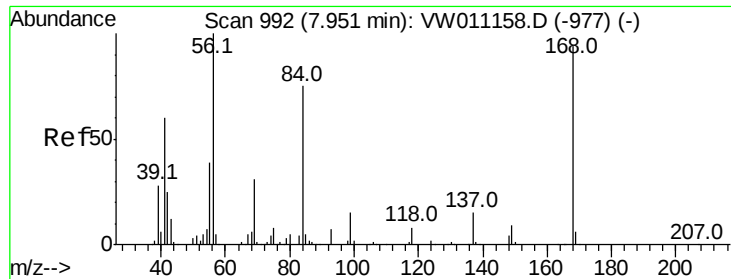
MMDadoda
7/15/2019 2:05:51 PM



#30
Chloroform
Concen: 49.769 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.4	77.2





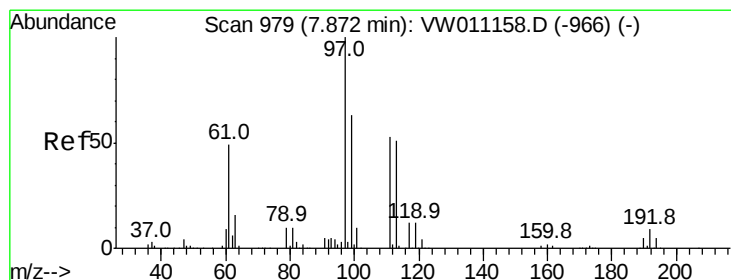
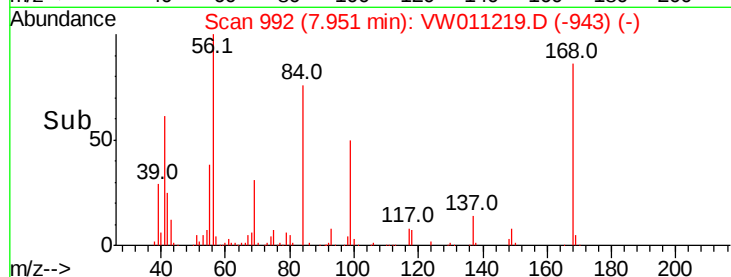
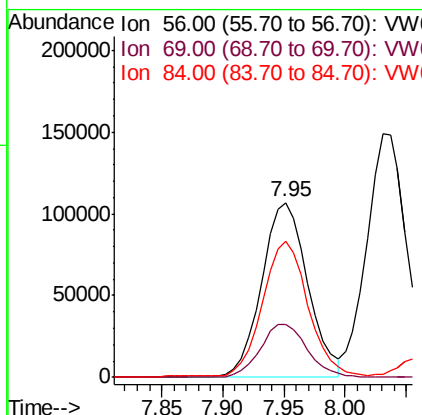
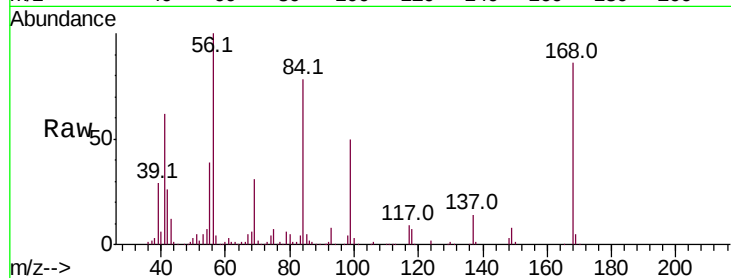
#31
Cvclohexane
Concen: 49.433 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	36.8
84	77.0	60.1	90.1

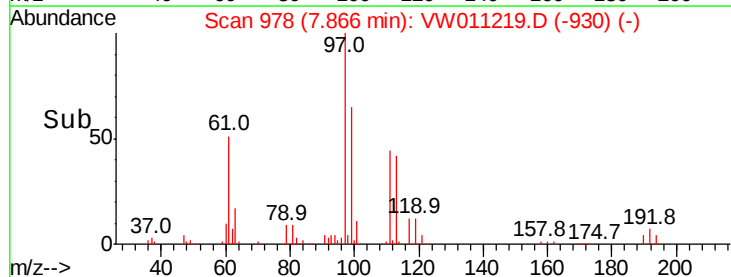
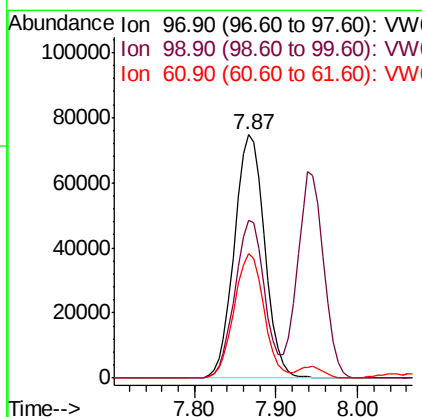
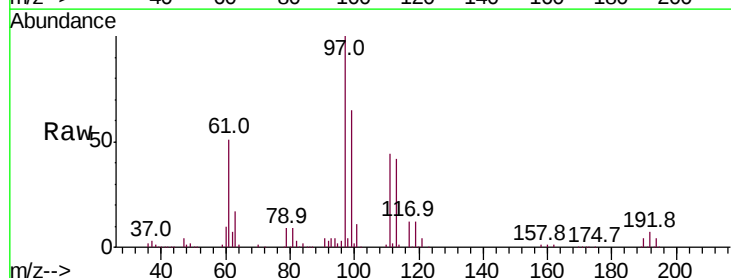
Manual Integrations
APPROVED

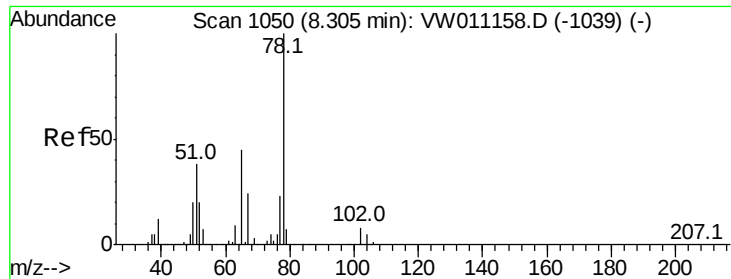
MMDadoda
7/15/2019 2:05:51 PM



#32
1,1,1-Trichloroethane
Concen: 50.974 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	50.5	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 46.517 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 136383

Ion Ratio Lower Upper

65 100

67 51.0

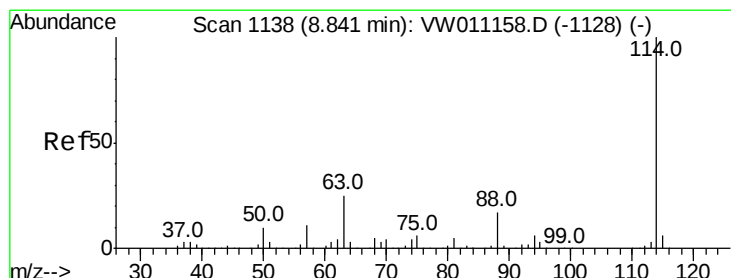
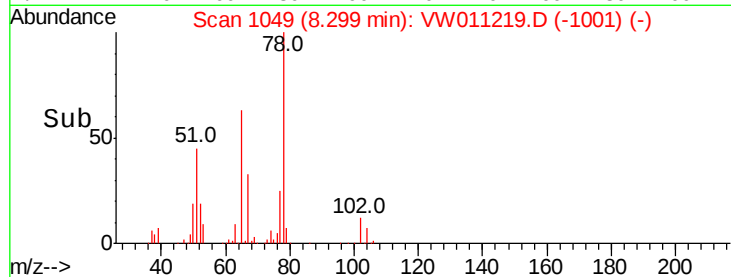
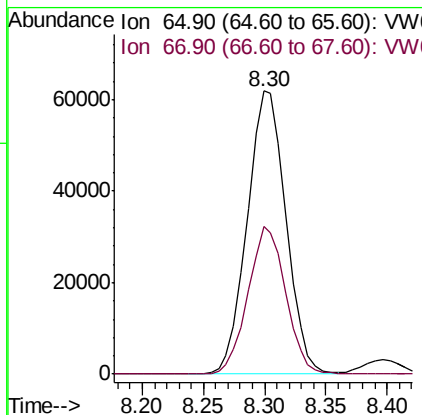
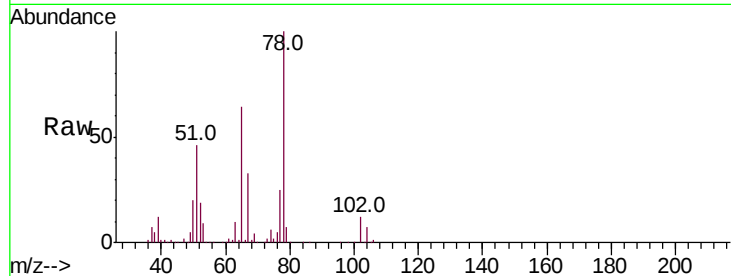
0.0 104.4

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: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion: 114 Resp: 377339

Ion Ratio Lower Upper

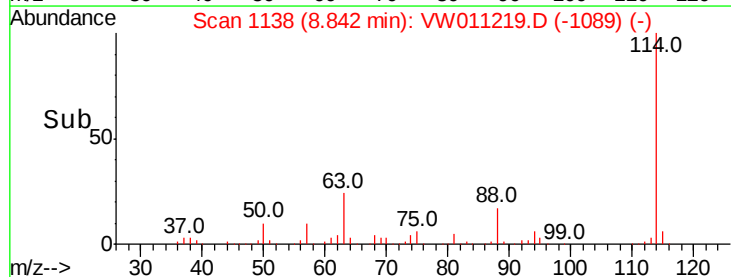
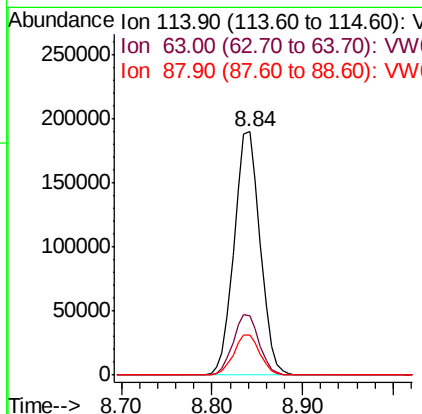
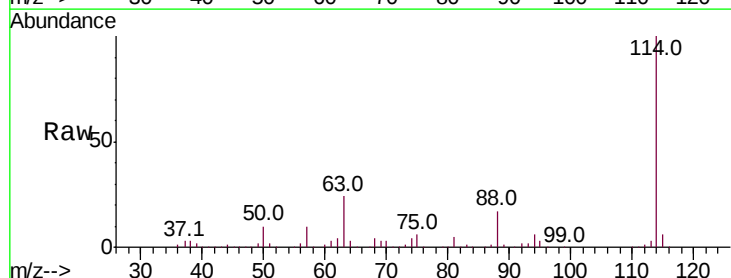
114 100

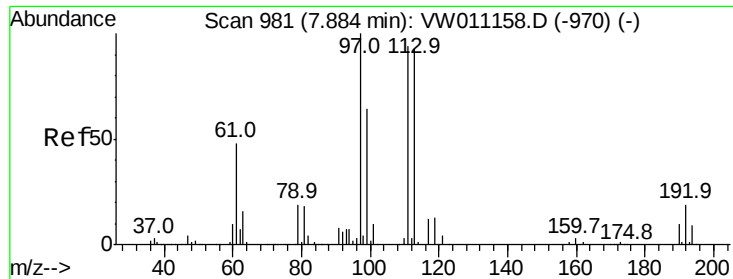
63 24.2

88 16.7

0.0 50.8

0.0 34.2





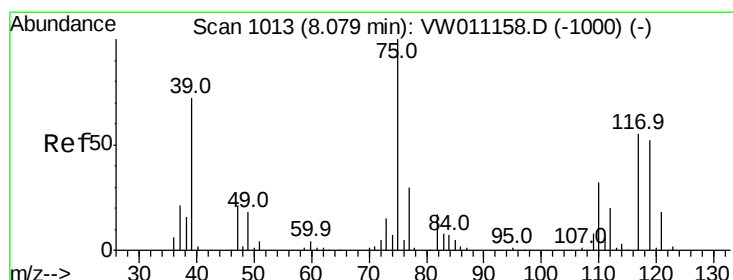
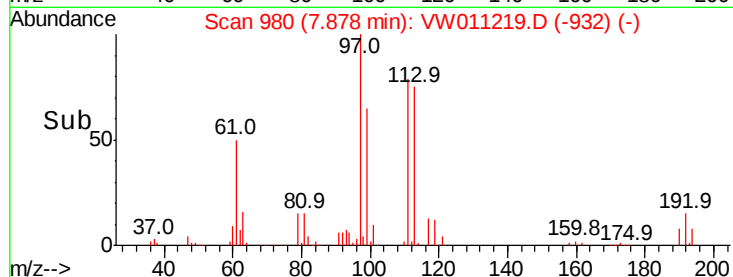
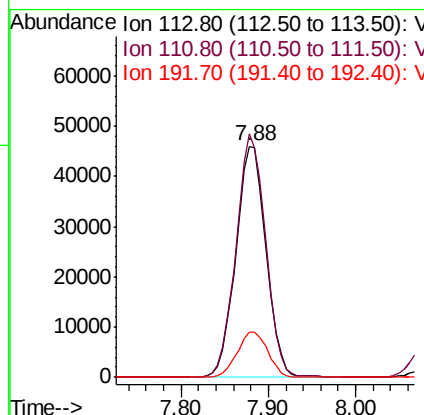
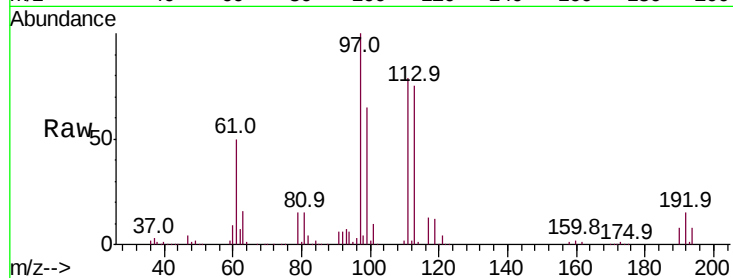
#35
 Dibromofluoromethane
 Concen: 49.071 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110365		
111	103.8	82.4	123.6	
192	20.0	15.8	23.8	

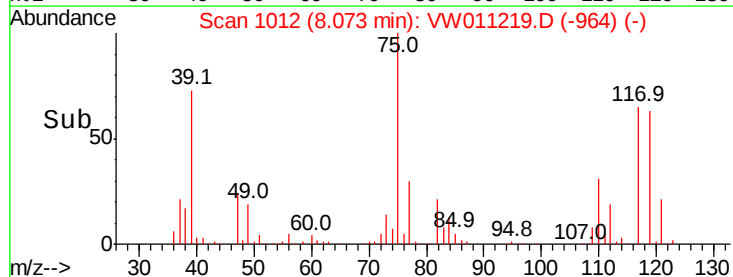
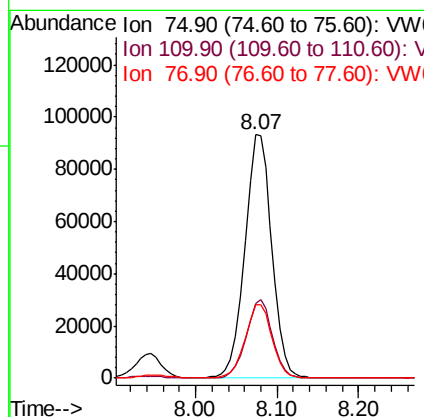
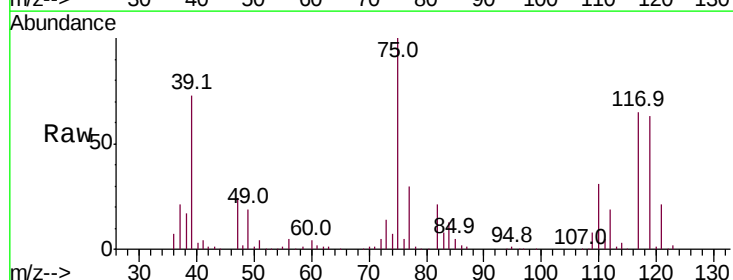
Manual Integrations
 APPROVED

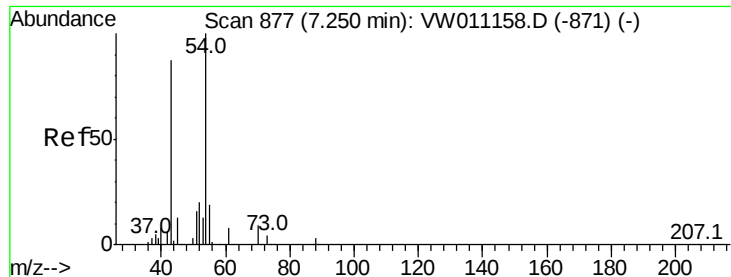
MMDadoda
 7/15/2019 2:05:51 PM



#36
 1,1-Dichloropropene
 Concen: 53.135 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	213514		
110	31.3	15.9	47.6	
77	30.6	24.6	36.8	





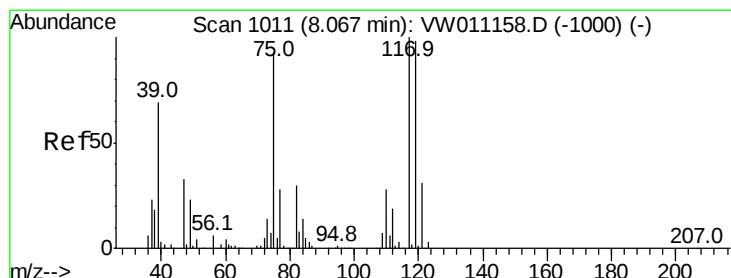
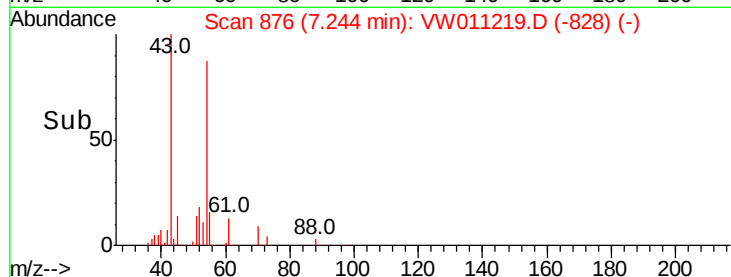
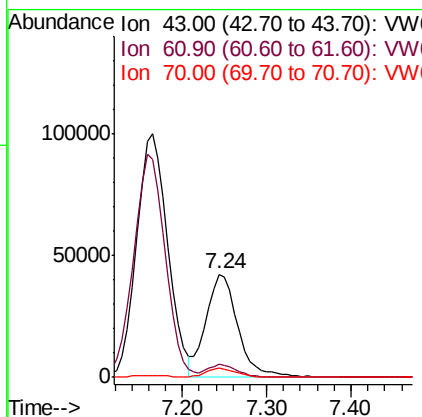
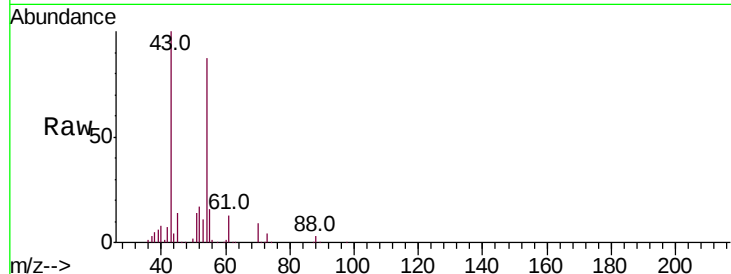
#37
Ethyl Acetate
Concen: 45.741 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.5	14.3
70	8.5	7.1	10.7

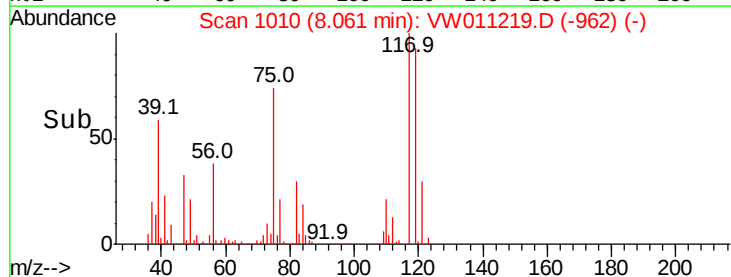
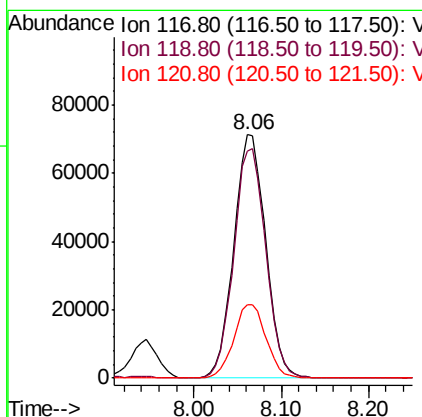
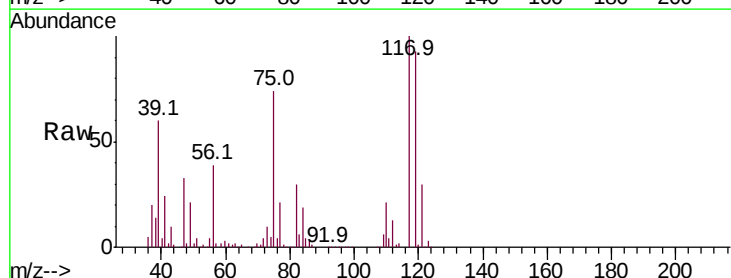
Manual Integrations
APPROVED

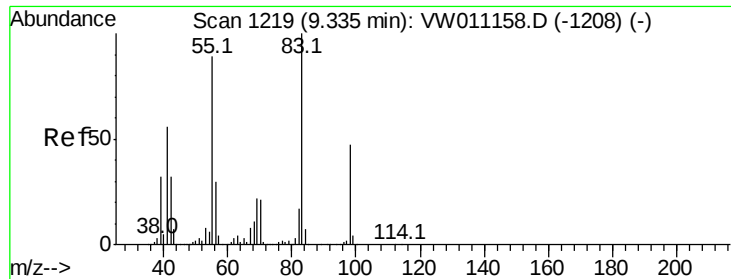
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#38
Carbon Tetrachloride
Concen: 52.973 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.1	117.1
121	30.0	25.1	37.7





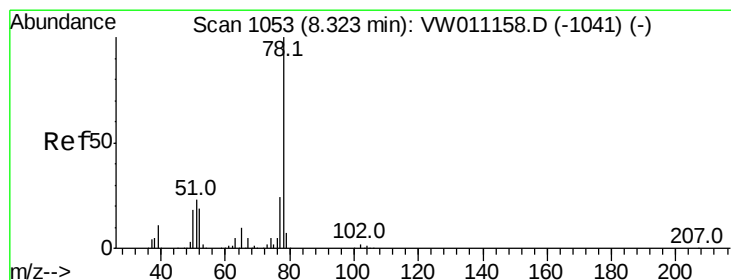
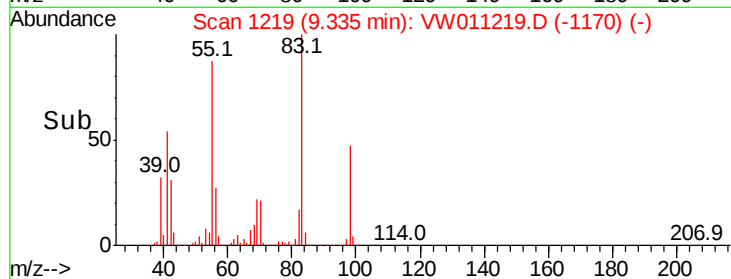
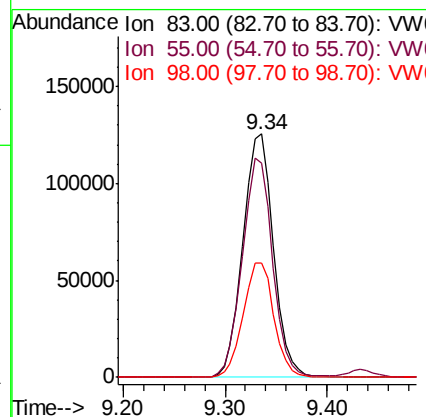
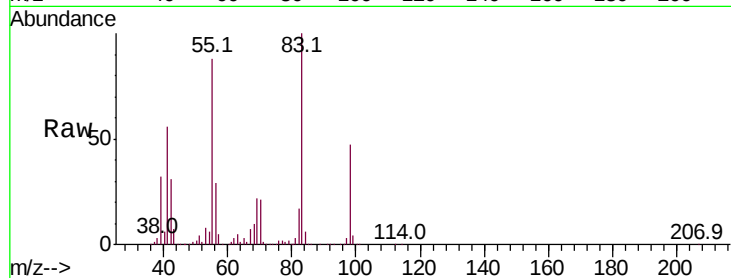
#39
Methvlcvclohexane
Concen: 53.670 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.7	71.2	106.8
98	46.9	37.5	56.3

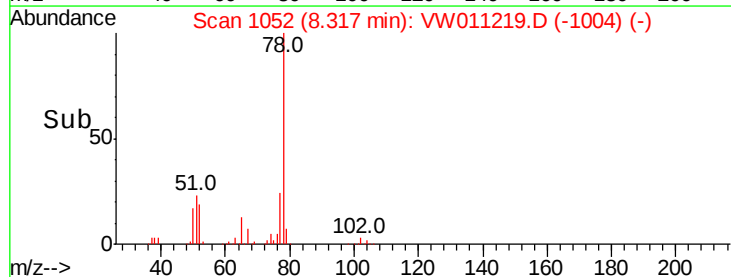
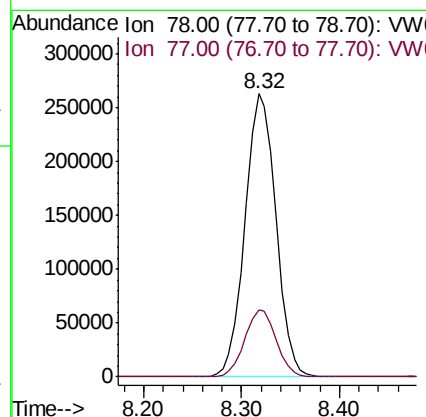
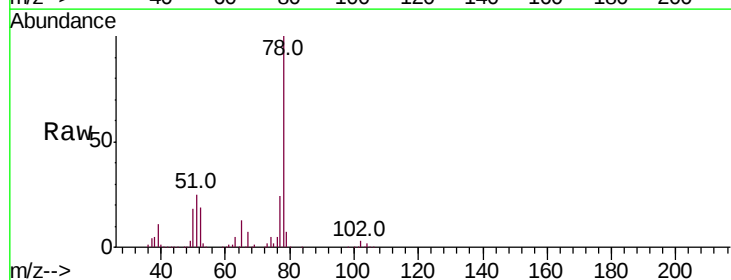
Manual Integrations
APPROVED

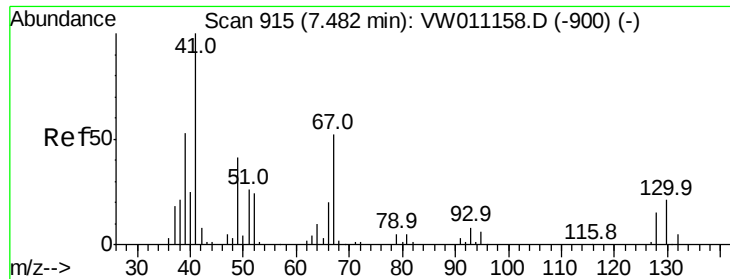
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#40
Benzene
Concen: 51.930 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





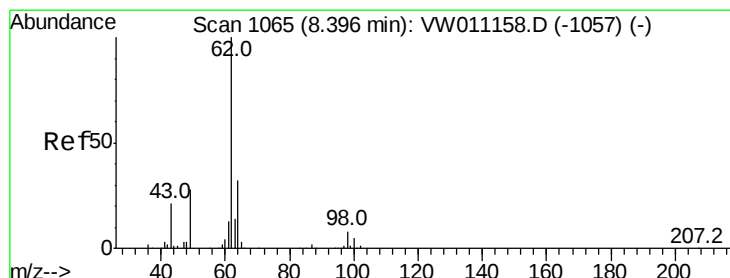
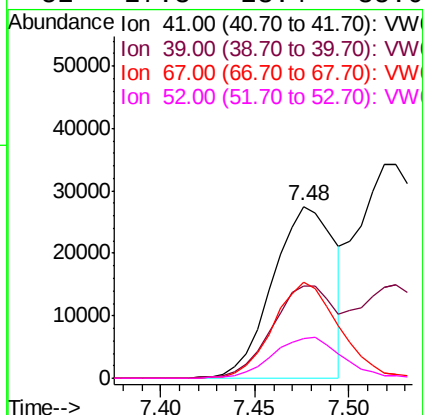
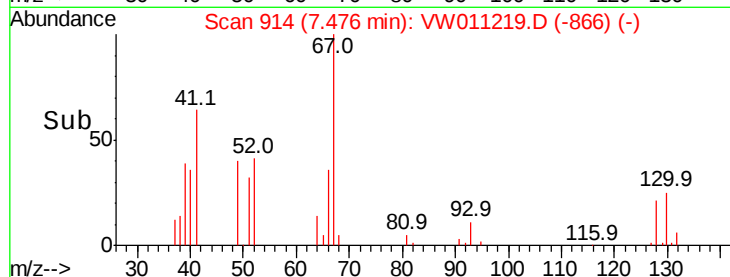
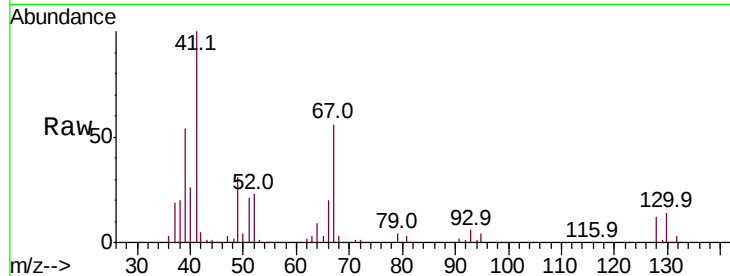
#41
Methacrylonitrile
Concen: 45.530 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	41	Resp	62869
Ion	Ratio	Lower	Upper
41	100		
39	53.3	48.0	72.0
67	59.7	49.7	74.5
52	27.3	23.4	35.0

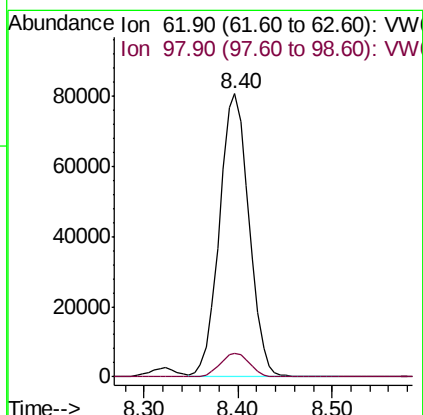
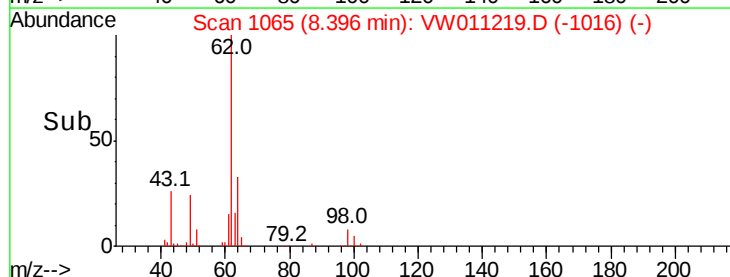
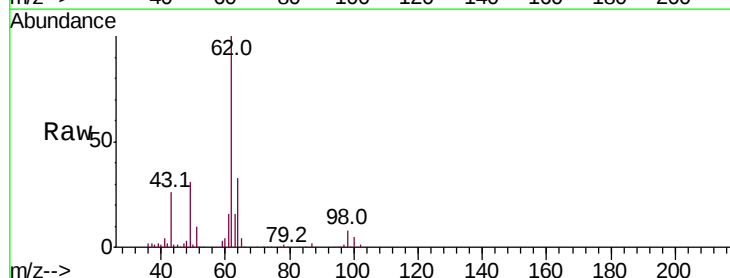
Manual Integrations
APPROVED

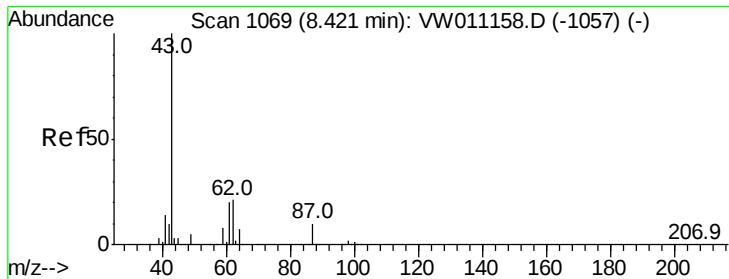
MMDadoda
7/15/2019 2:05:51 PM



#42
1,2-Dichloroethane
Concen: 48.623 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	62	Resp	175159
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 45.493 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

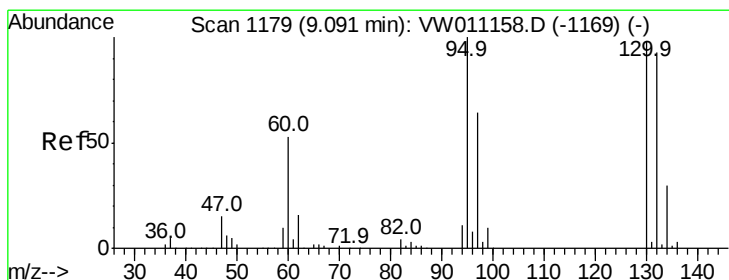
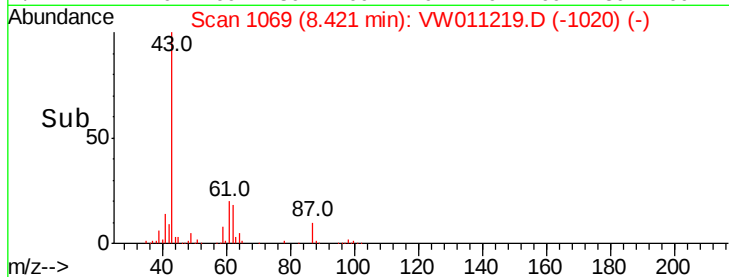
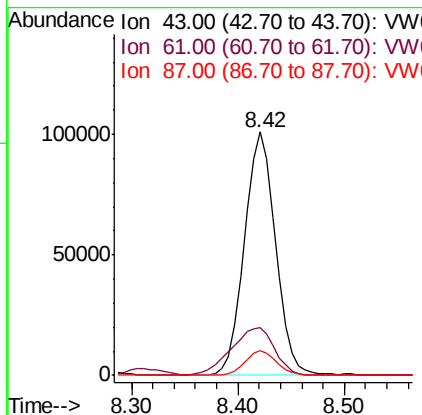
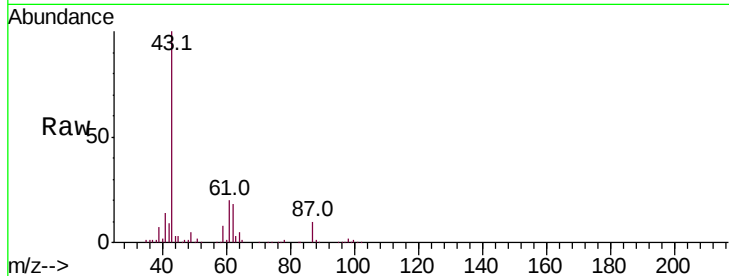
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	207363
Ion Ratio	Lower	Upper	
43	100		
61	26.8	20.7	31.1
87	10.2	8.1	12.1

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#44

Trichloroethene

Concen: 52.260 ug/l

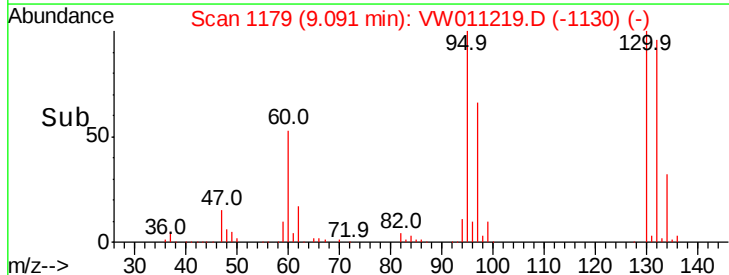
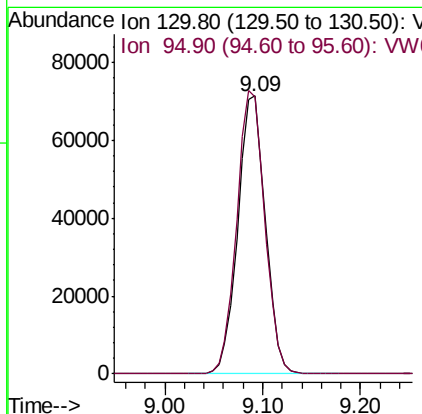
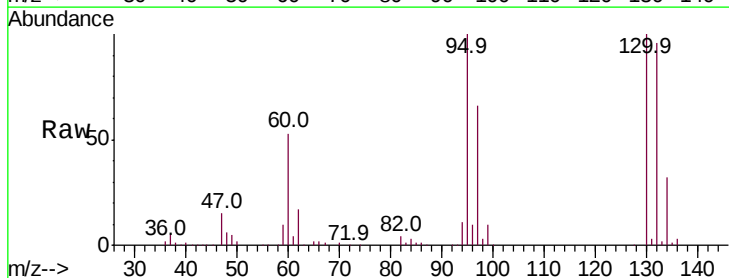
RT: 9.09 min Scan# 1179

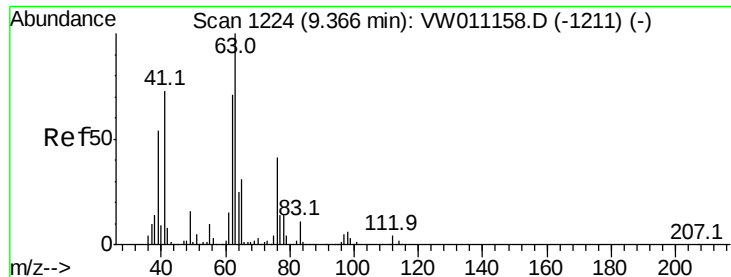
Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion:	130	Resp:	139657
Ion Ratio	Lower	Upper	
130	100		
95	99.8	0.0	203.6





#45

1,2-Dichloropropane

Concen: 50.575 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 152089

Ion Ratio Lower Upper

63 100

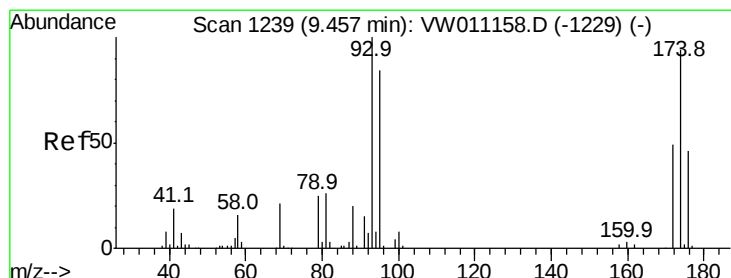
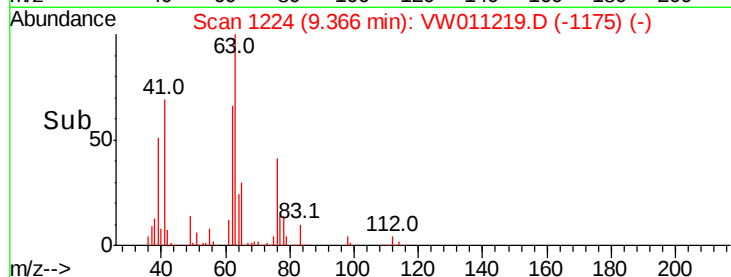
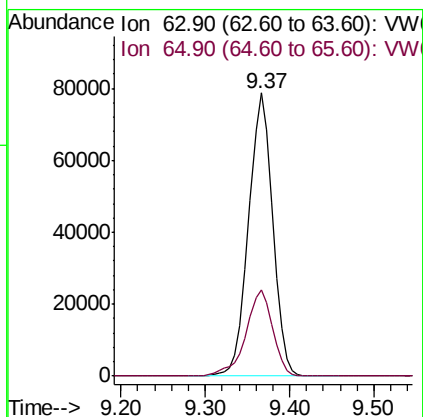
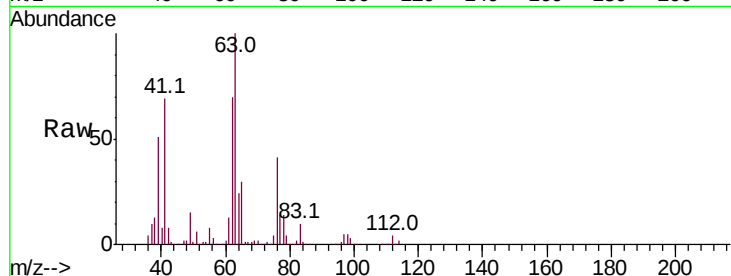
65 30.4 24.4 36.6

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#46

Dibromomethane

Concen: 47.961 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

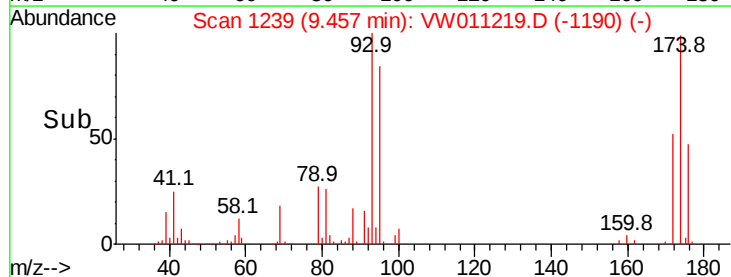
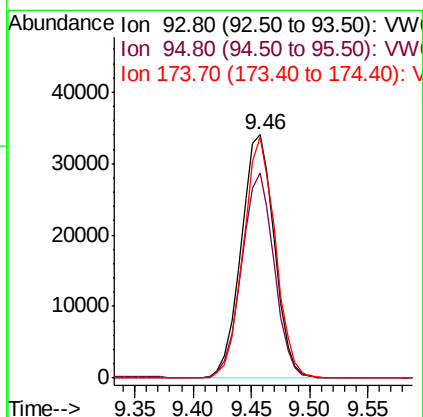
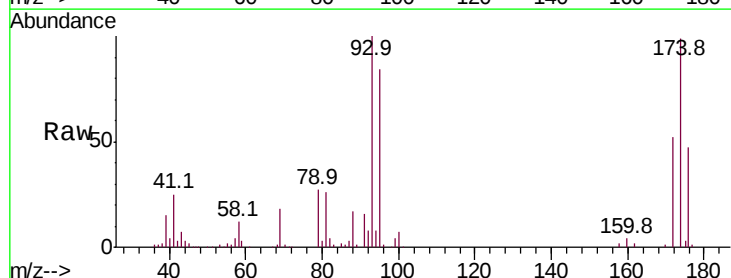
Tgt Ion: 93 Resp: 67752

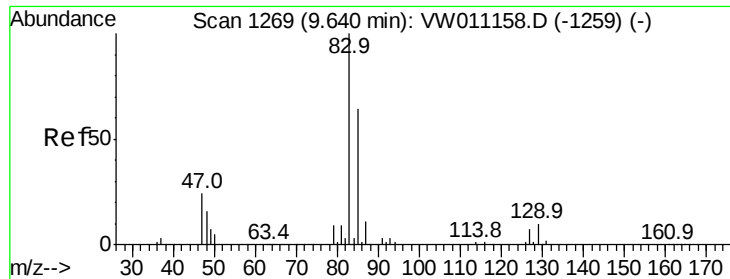
Ion Ratio Lower Upper

93 100

95 82.7 67.2 100.8

174 95.3 76.3 114.5





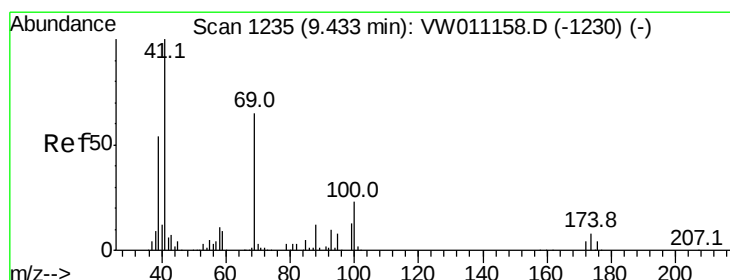
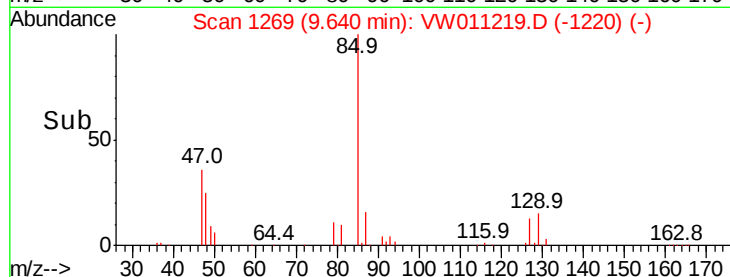
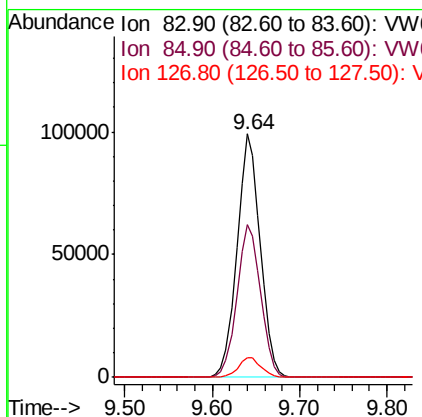
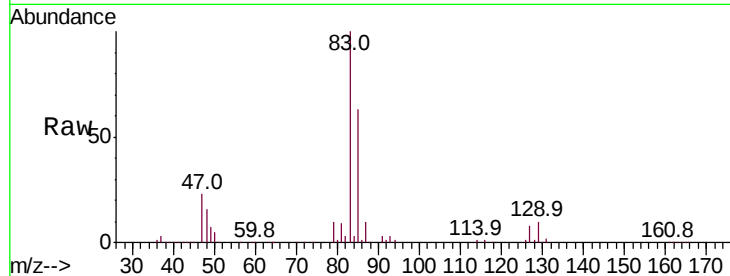
#47
Bromodichloromethane
Concen: 50.450 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.7	51.0	76.4	
127	7.8	6.0	9.0	

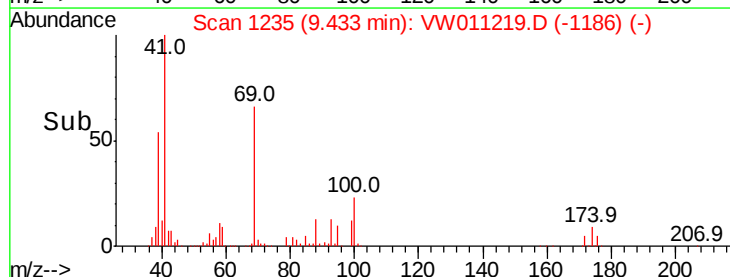
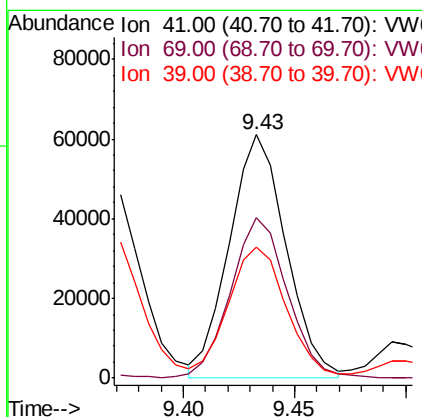
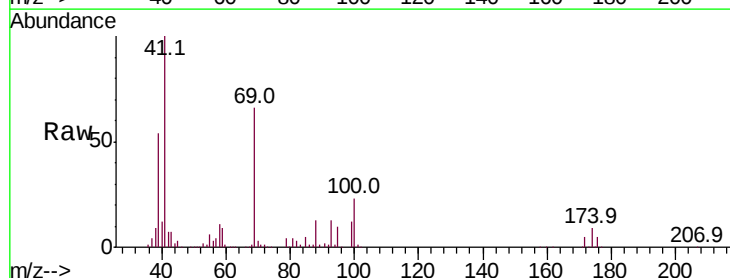
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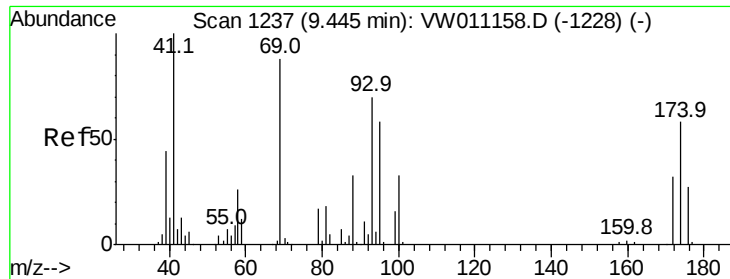
MMDadoda
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#48
Methyl methacrylate
Concen: 49.182 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	66.5	56.0	84.0	
39	51.7	43.5	65.3	





#49

1,4-Dioxane

Concen: 896.971 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

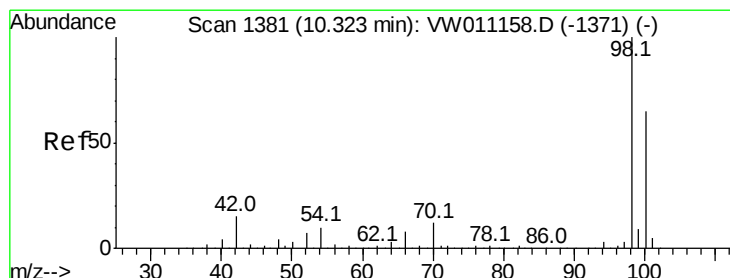
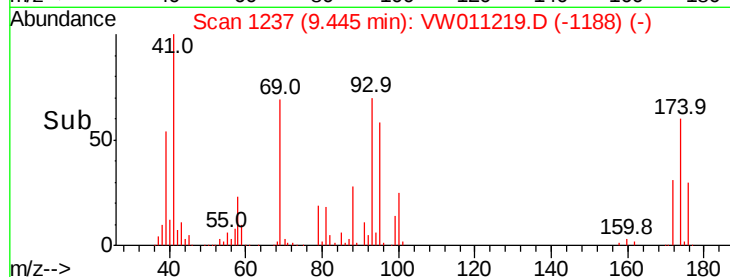
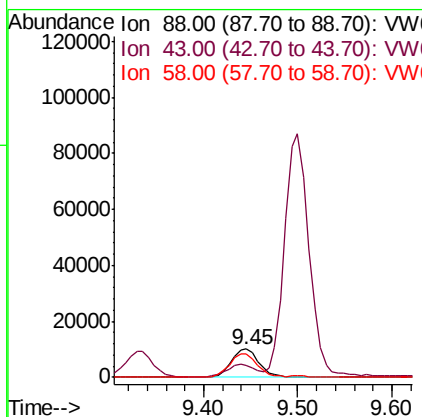
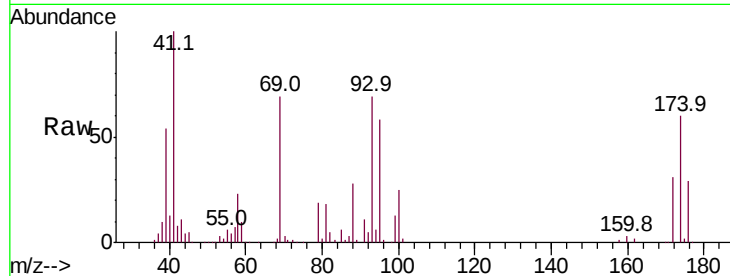
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	21150
Ion	Ratio	Lower	Upper
88	100		
43	43.2	33.4	50.0
58	81.6	64.5	96.7

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#50

Toluene-d8

Concen: 50.523 ug/l

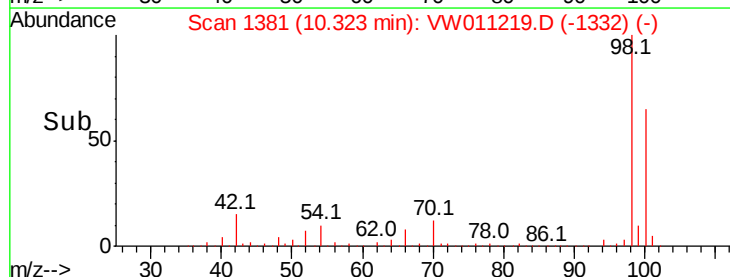
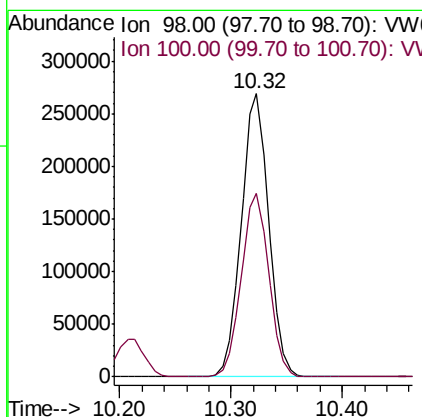
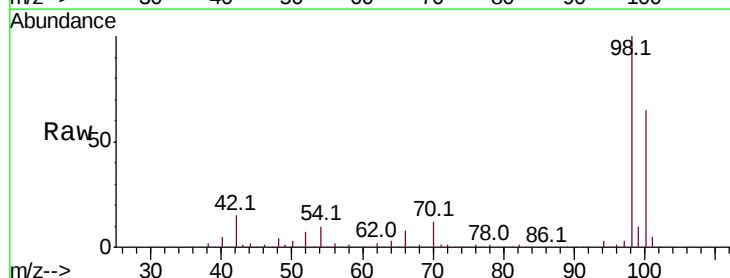
RT: 10.32 min Scan# 1381

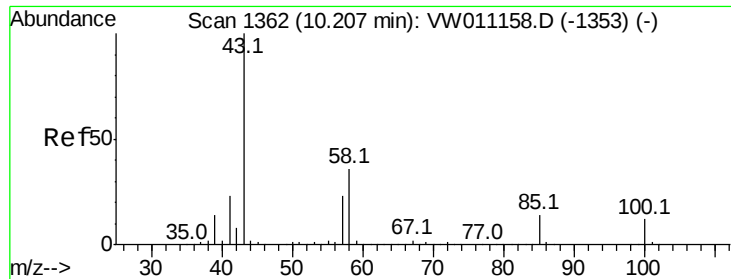
Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion:	98	Resp:	459312
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 224.955 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 535633

Ion Ratio Lower Upper

43 100

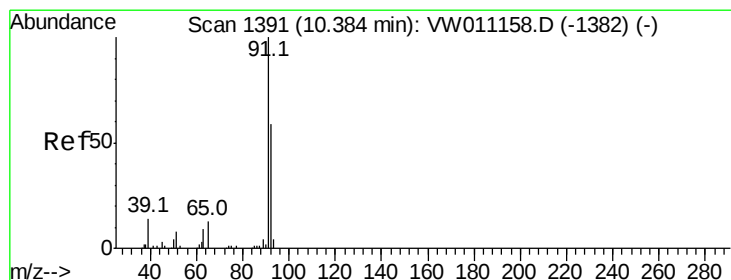
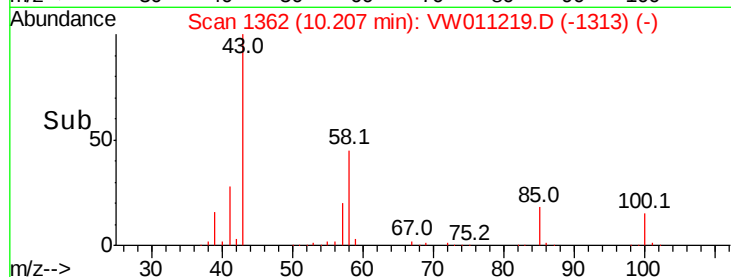
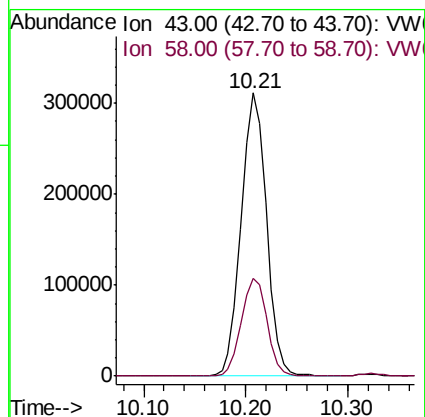
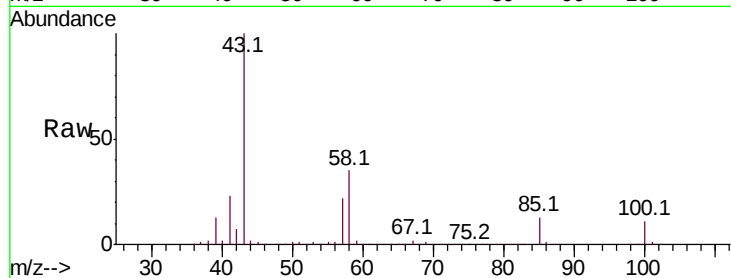
58 35.1 28.2 42.2

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#52

Toluene

Concen: 52.327 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011219.D

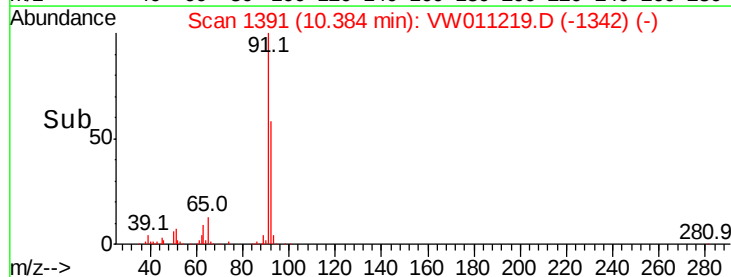
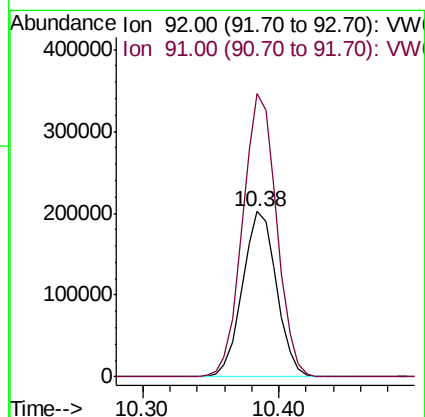
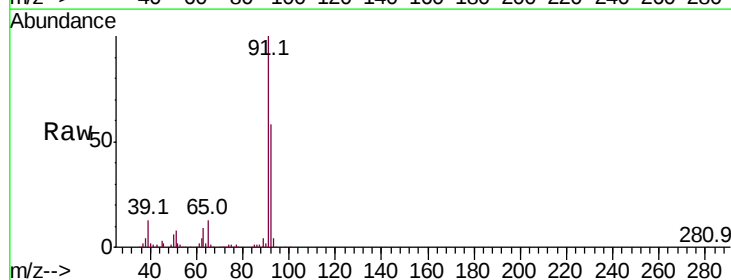
Acq: 11 Jul 2019 10:25

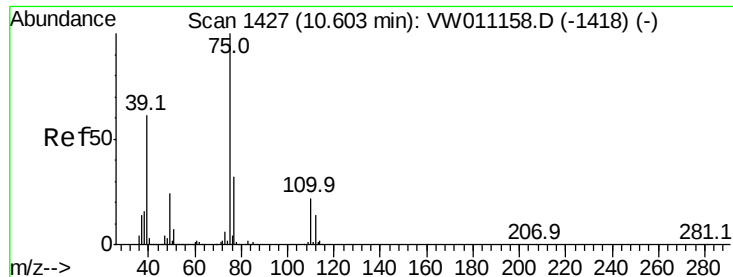
Tgt Ion: 92 Resp: 352496

Ion Ratio Lower Upper

92 100

91 171.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 49.516 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W

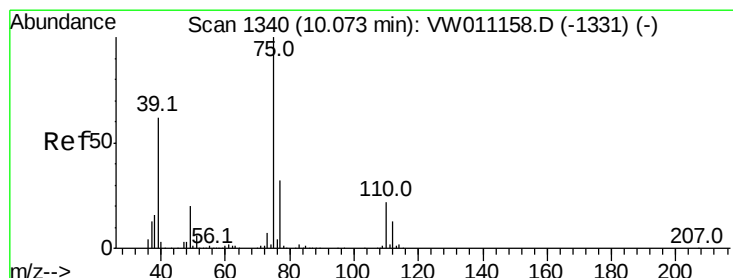
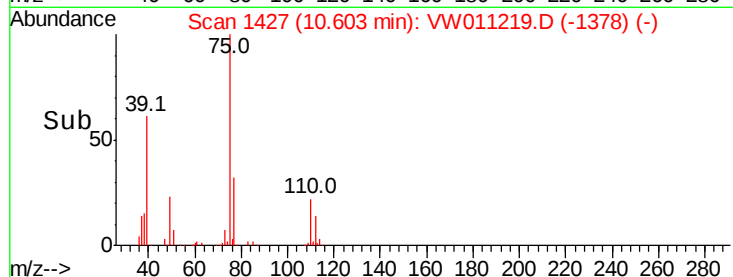
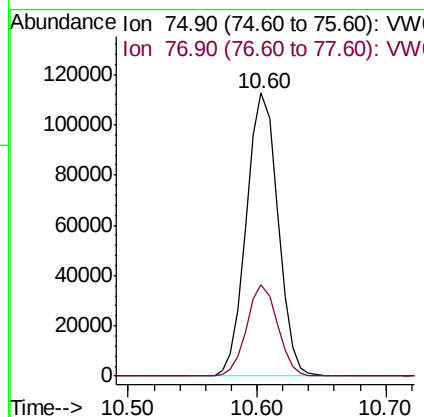
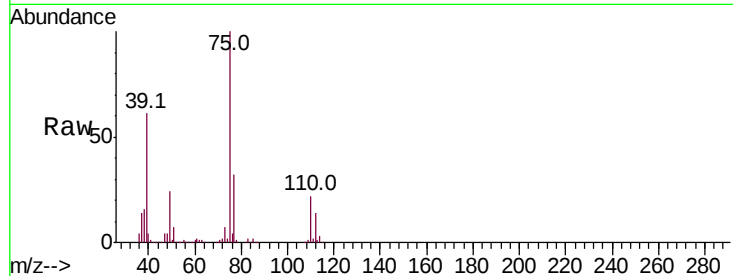
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 190507

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 51.233 ug/l

RT: 10.07 min Scan# 1340

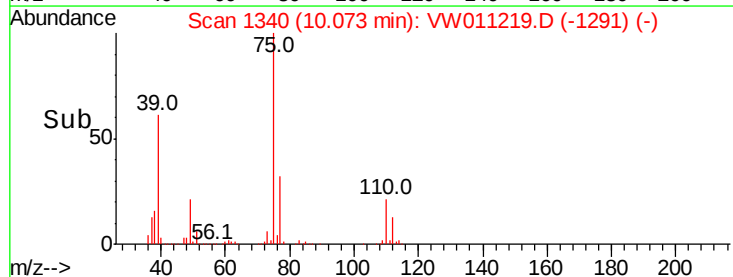
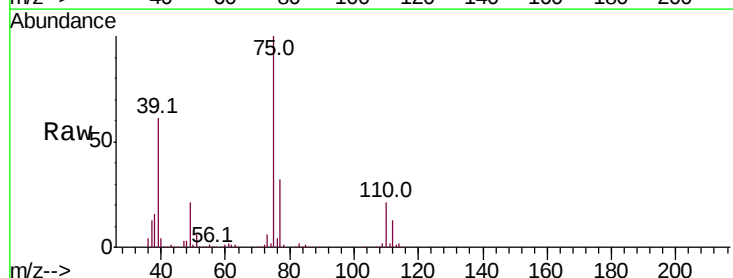
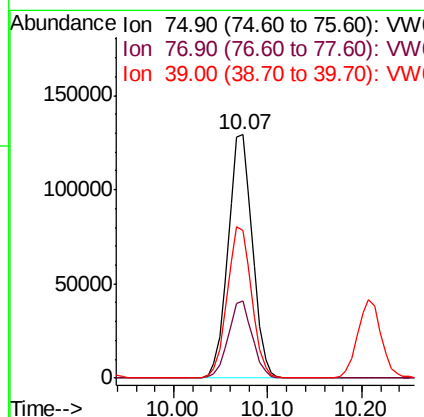
Delta R.T. 0.00 min

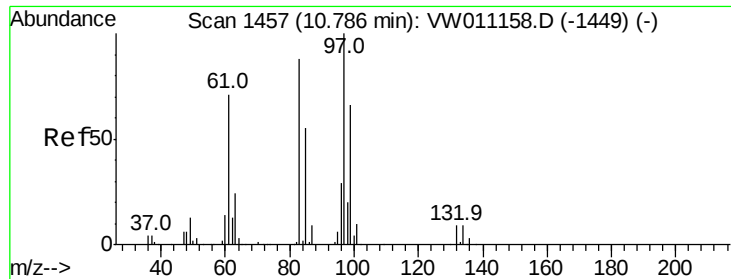
Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion: 75 Resp: 232010

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	60.5	49.8	74.8





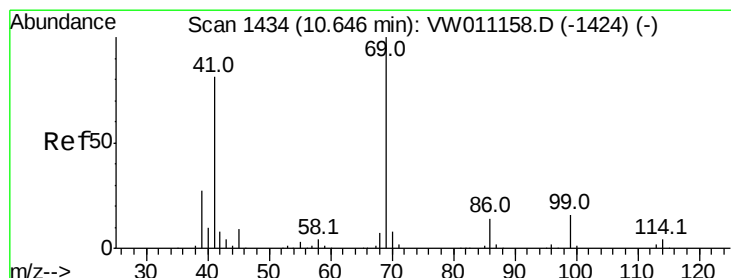
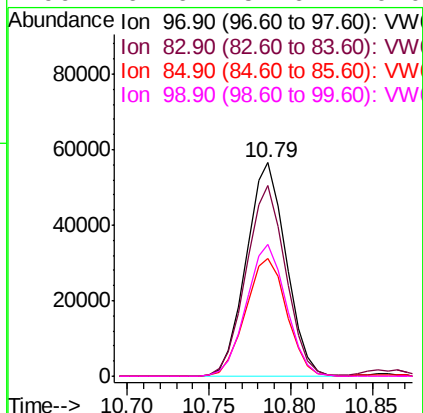
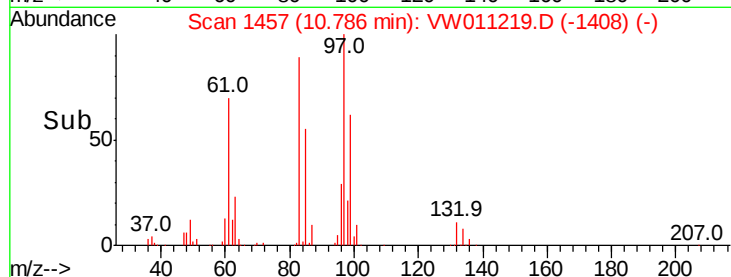
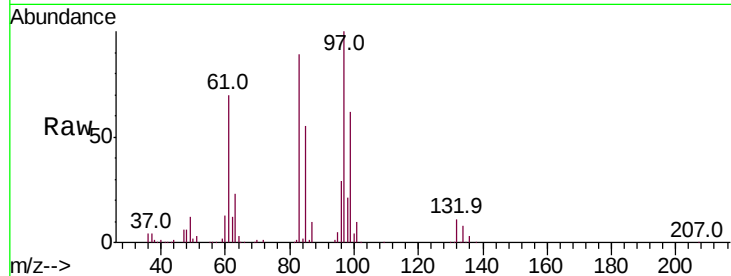
#55
 1,1,2-Trichloroethane
 Concen: 48.036 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	96267
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.2	105.4
85	55.3	44.2	66.2
99	61.6	52.6	79.0

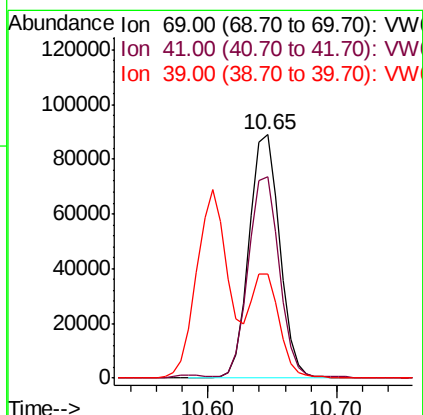
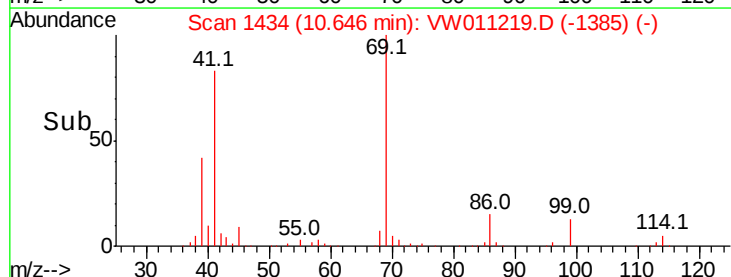
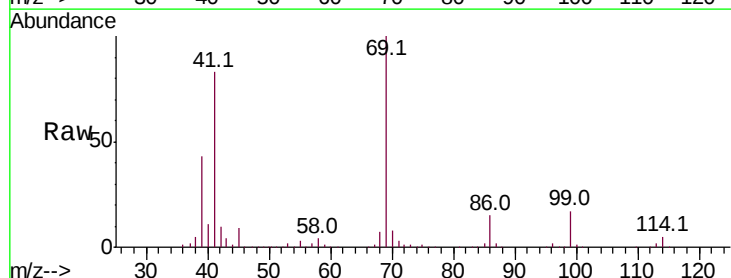
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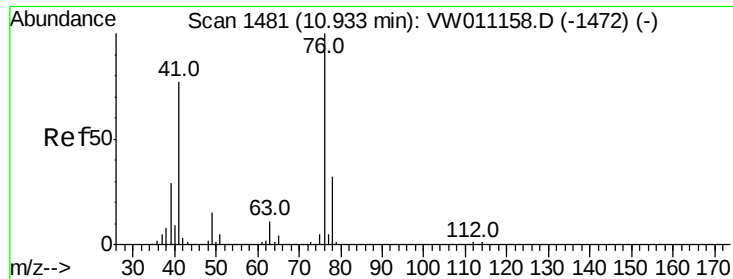
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#56
 Ethyl methacrylate
 Concen: 47.660 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion:	69	Resp:	145415
Ion	Ratio	Lower	Upper
69	100		
41	83.6	66.5	99.7
39	38.8	32.5	48.7





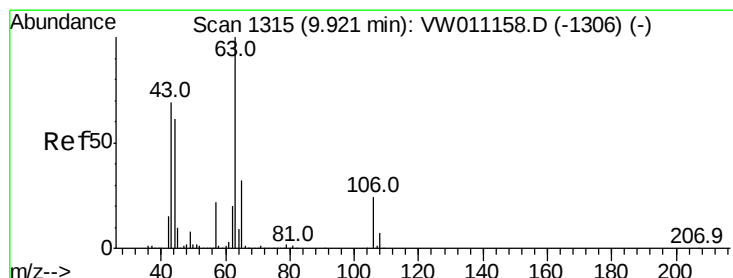
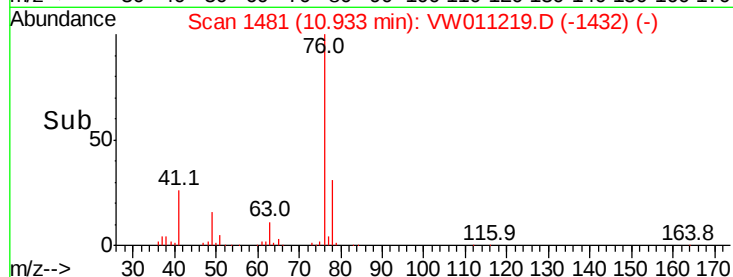
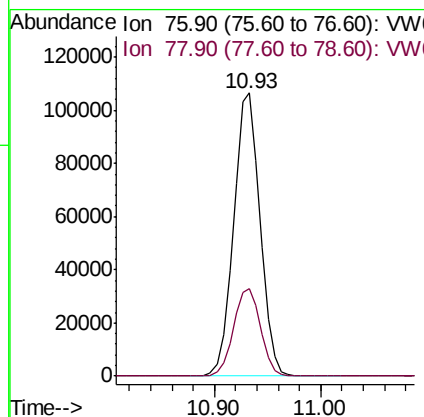
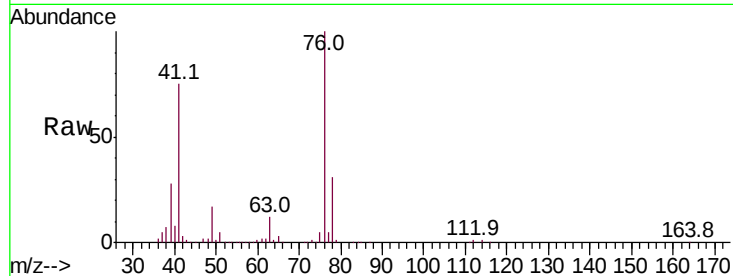
#57
 1,3-Dichloropropane
 Concen: 48.616 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 184238
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.2

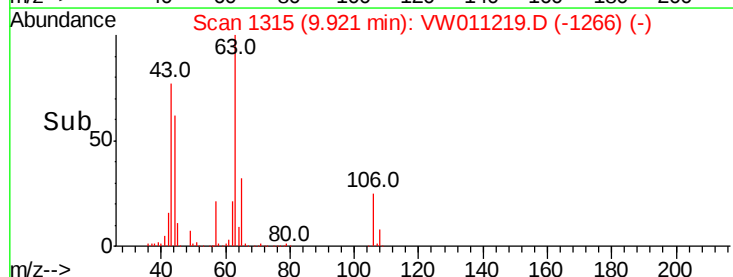
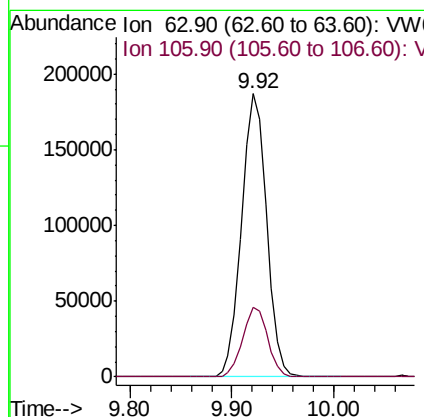
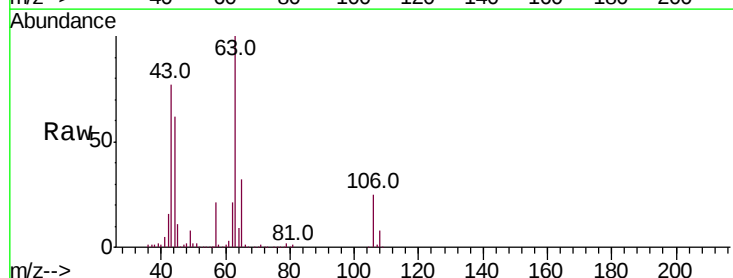
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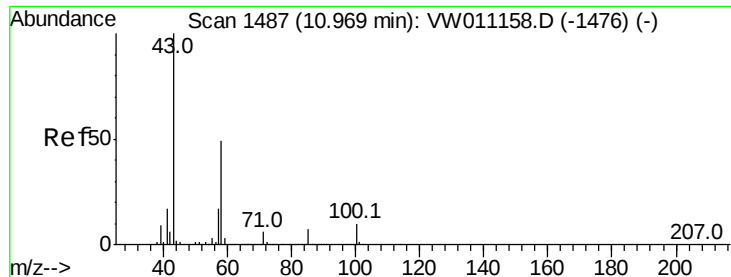
MMDadoda
 7/15/2019 2:05:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.950 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion: 63 Resp: 316777
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.4 29.0





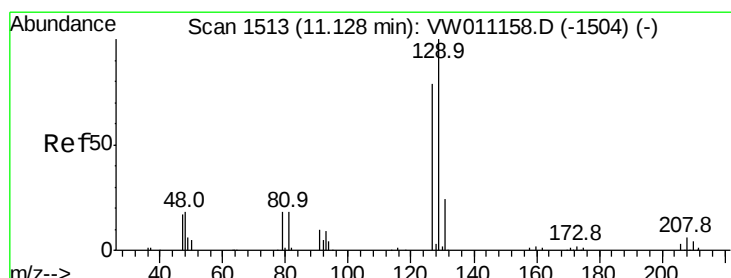
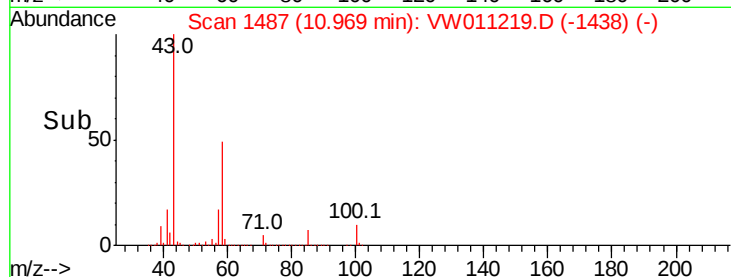
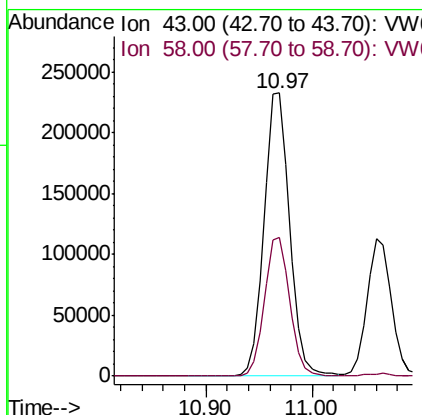
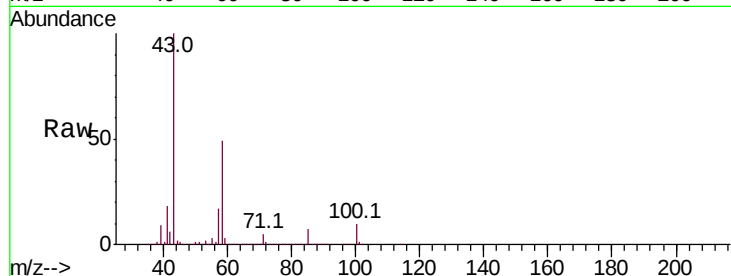
#59
2-Hexanone
Concen: 237.083 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 391489
Ion Ratio Lower Upper
43 100
58 48.7 24.4 73.4

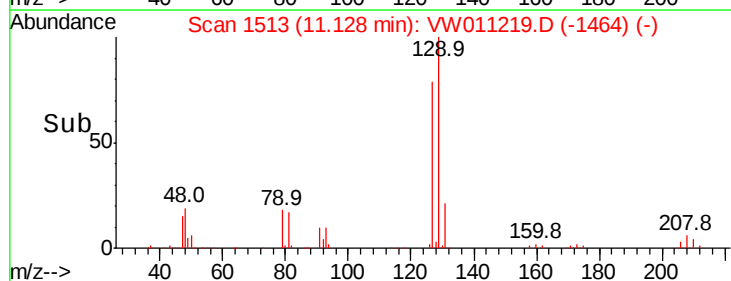
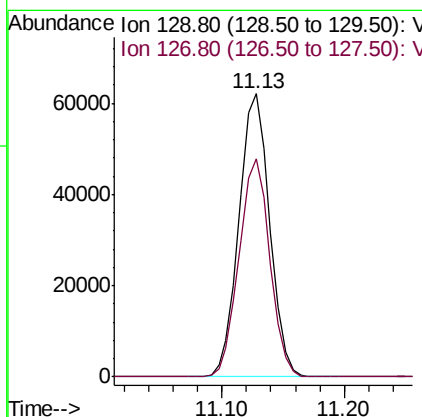
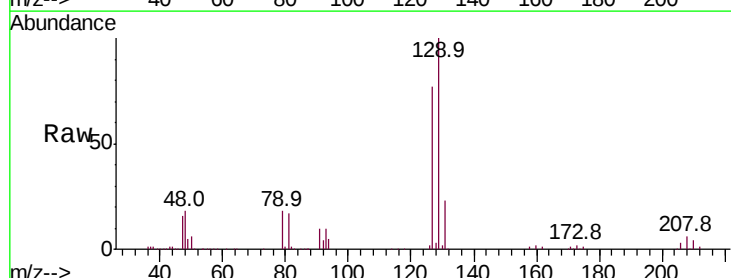
Manual Integrations
APPROVED

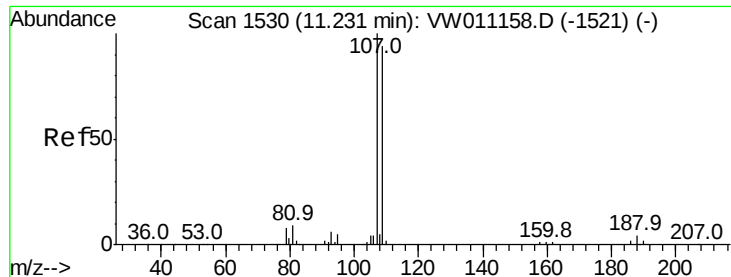
MMDadoda
7/15/2019 2:05:51 PM



#60
Dibromochloromethane
Concen: 49.208 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion: 129 Resp: 108139
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 47.760 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 90662

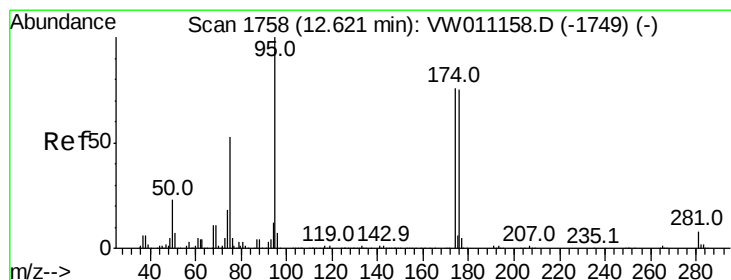
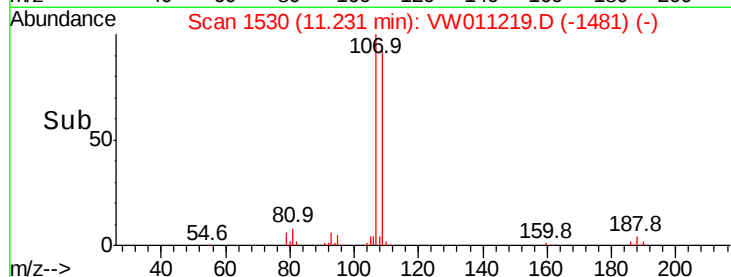
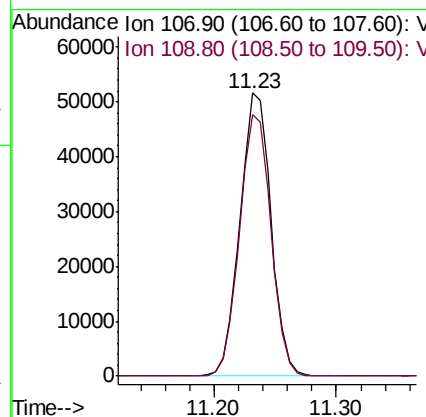
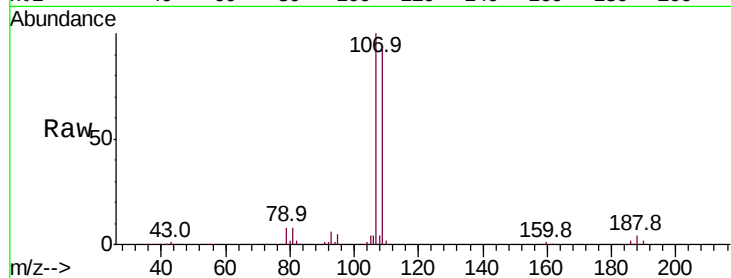
Ion Ratio Lower Upper

107 100

109 93.4 75.2 112.8

Manual Integrations
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7/15/2019 2:05:51 PM



#62

4-Bromofluorobenzene

Concen: 48.658 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

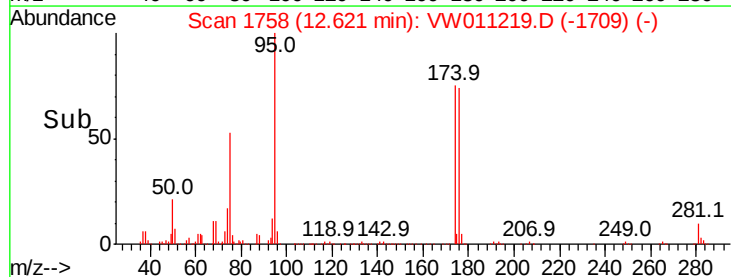
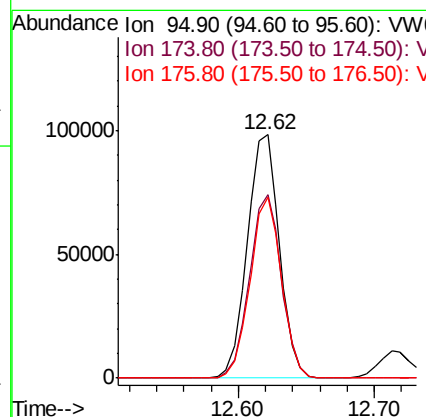
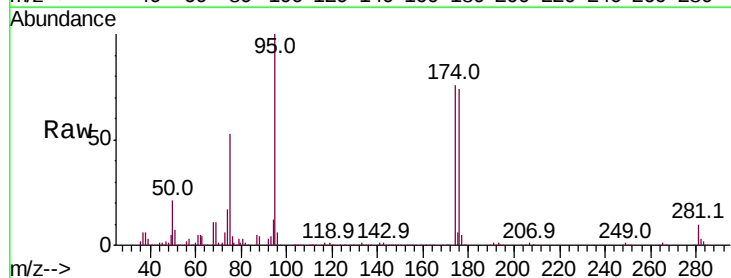
Tgt Ion: 95 Resp: 162141

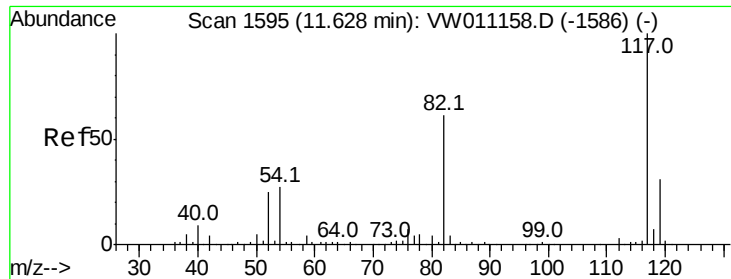
Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.6

176 72.9 0.0 144.6





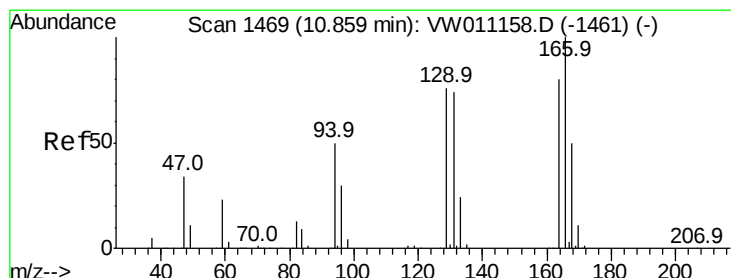
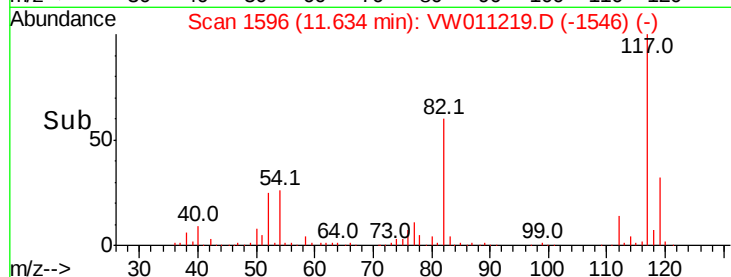
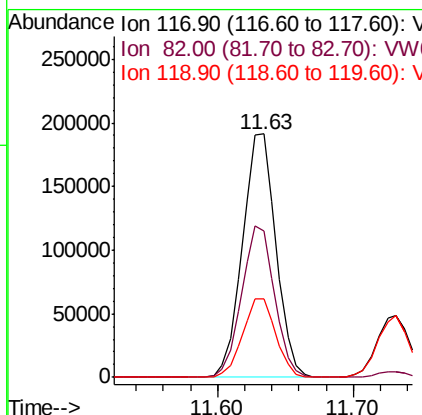
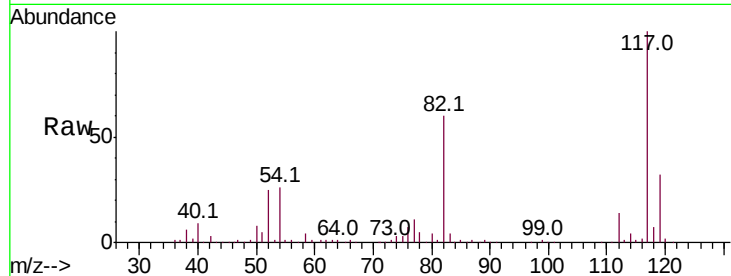
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	48.9	73.3
119	32.2	25.0	37.6

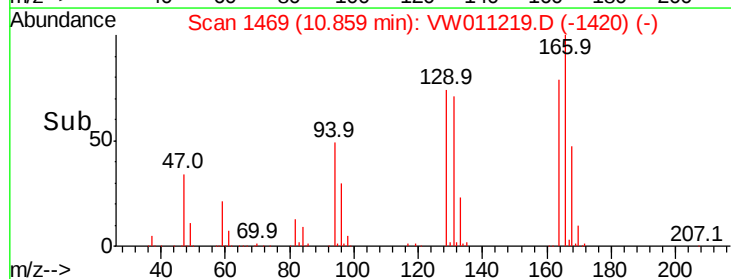
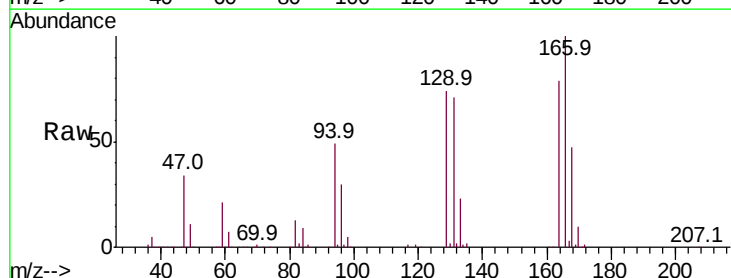
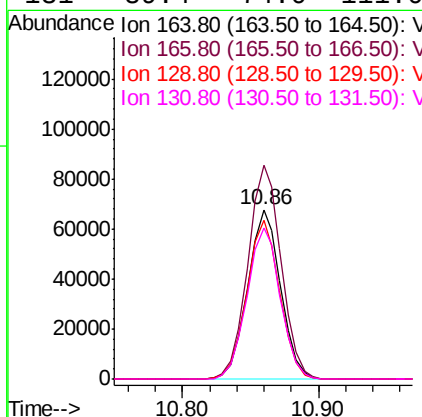
Manual Integrations
APPROVED

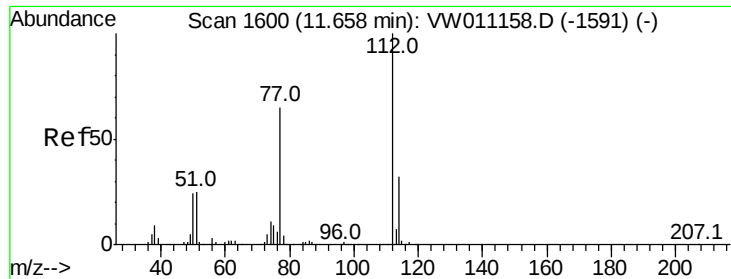
MMDadoda
7/15/2019 2:05:51 PM



#64
Tetrachloroethene
Concen: 51.373 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	99.7	149.5
129	93.9	76.2	114.2
131	89.4	74.0	111.0





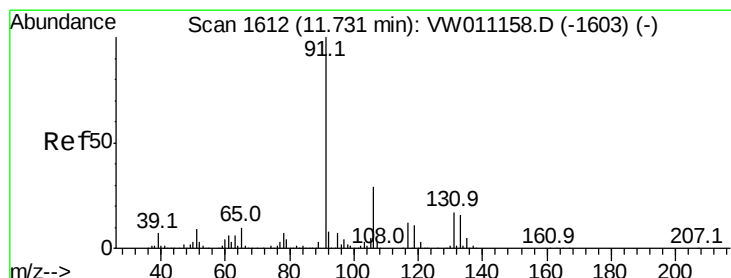
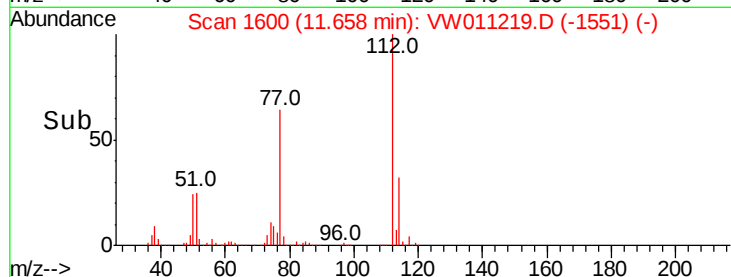
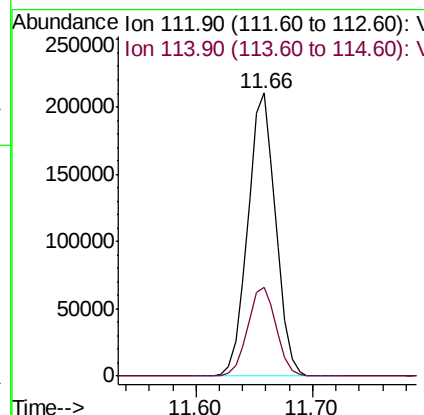
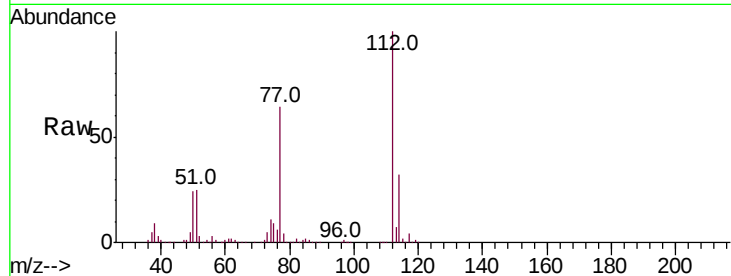
#65
Chlorobenzene
Concen: 52.273 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	349931		
114	31.6	25.5	38.3	

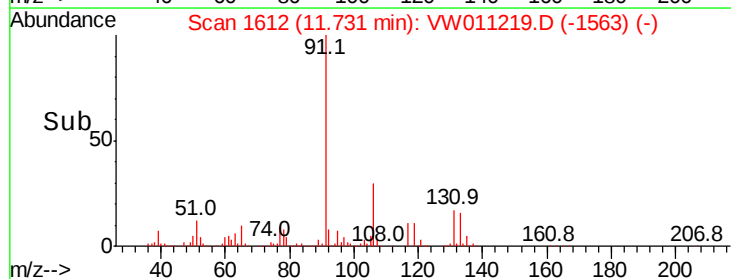
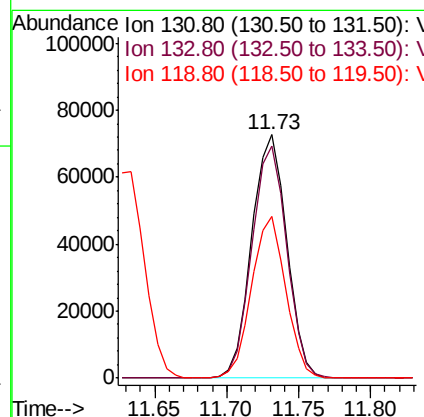
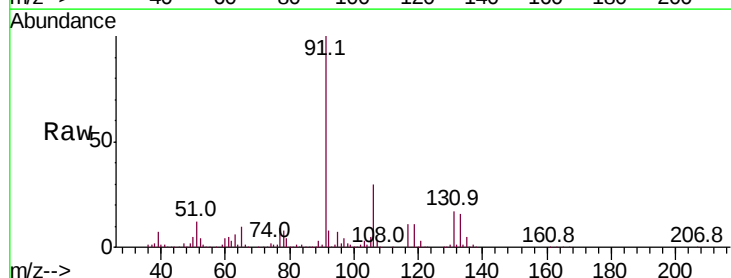
Manual Integrations
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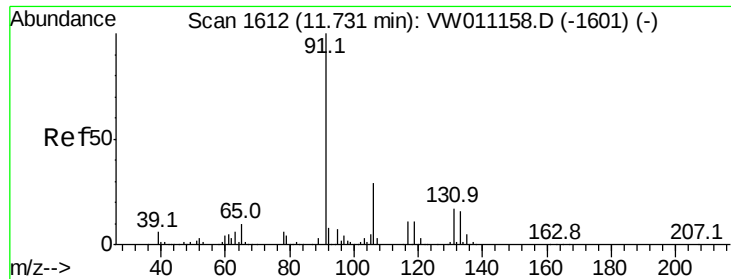
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.677 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	121805		
133	95.2	47.9	143.8	
119	64.8	33.1	99.2	





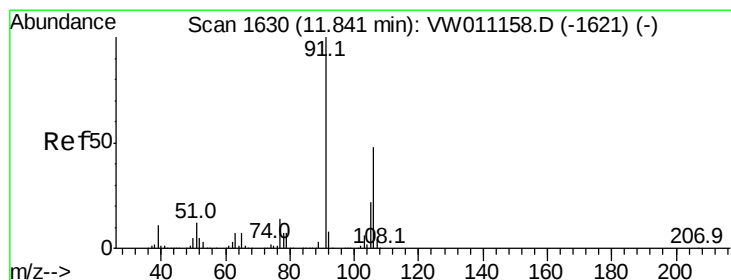
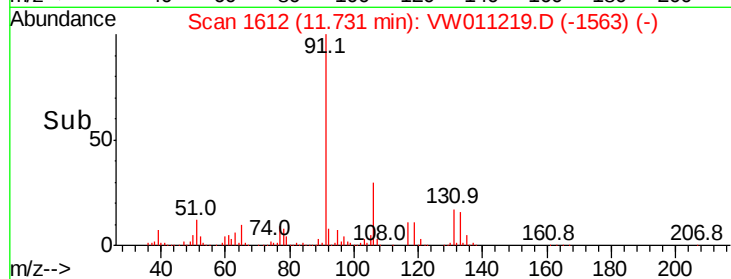
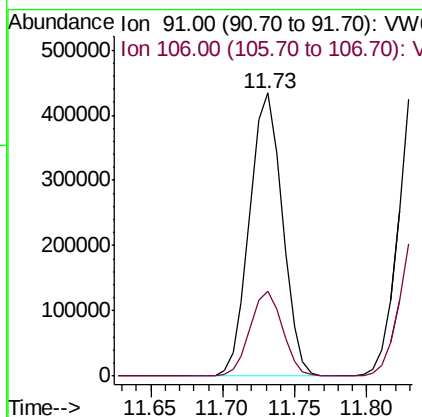
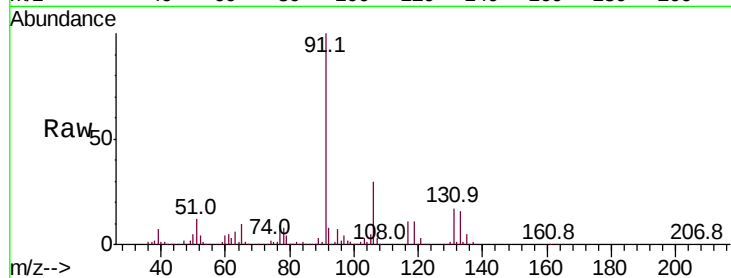
#67
Ethyl Benzene
Concen: 53.507 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.5	35.3

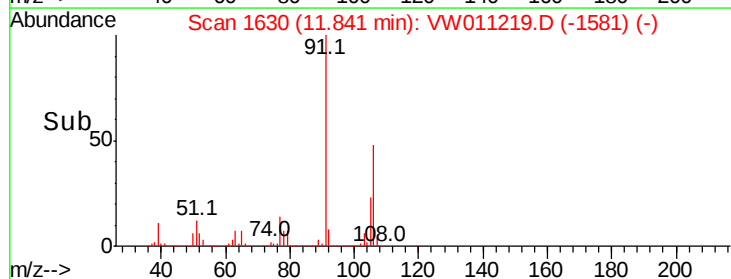
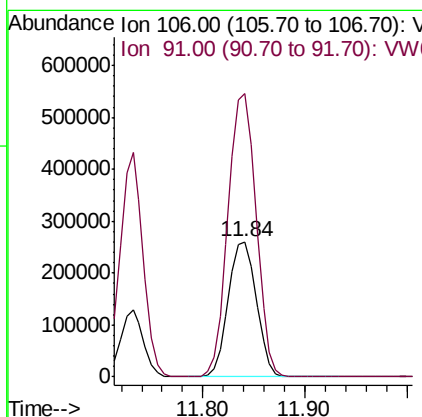
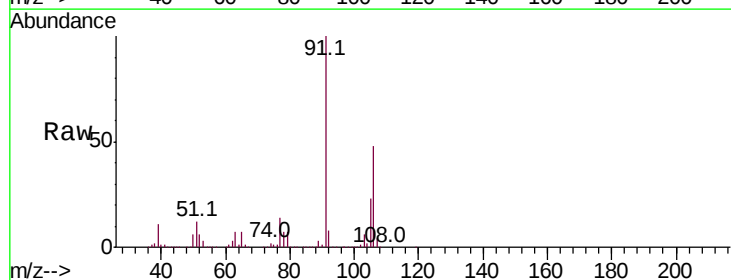
Manual Integrations
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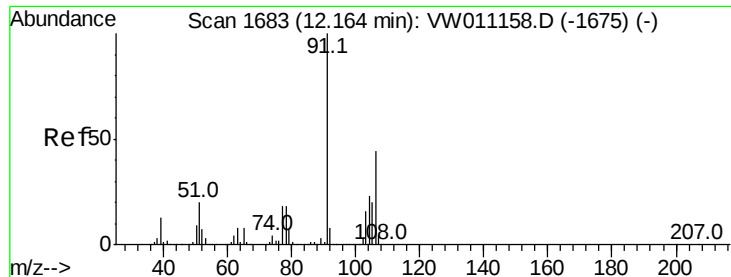
MMDadoda
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#68
m/p-Xylenes
Concen: 107.153 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.3	167.7	251.5





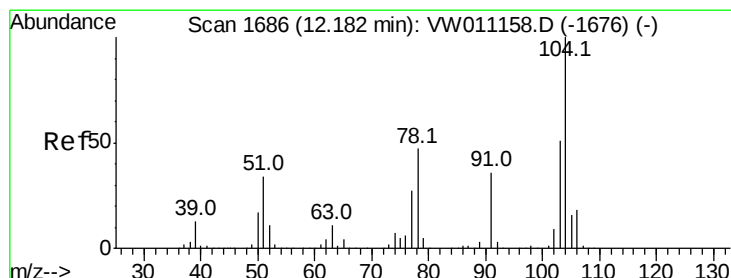
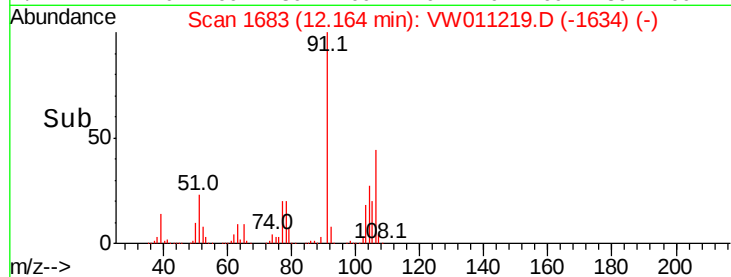
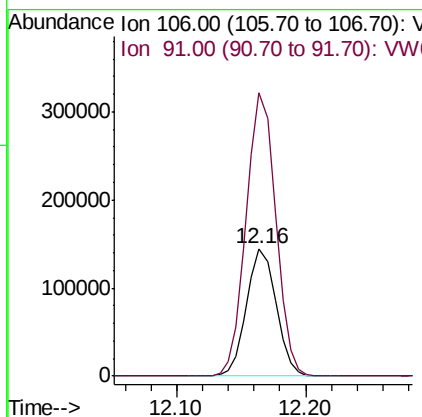
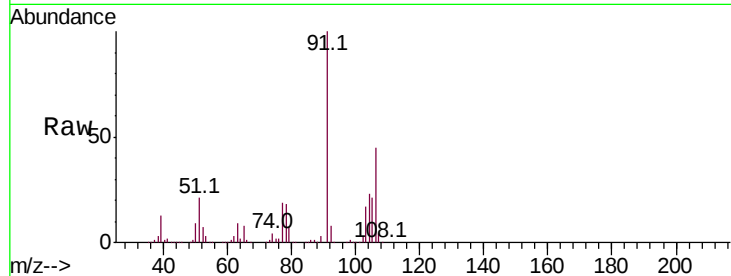
#69
o-Xylene
Concen: 52.541 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 229634
Ion Ratio Lower Upper
106 100
91 222.7 110.7 332.1

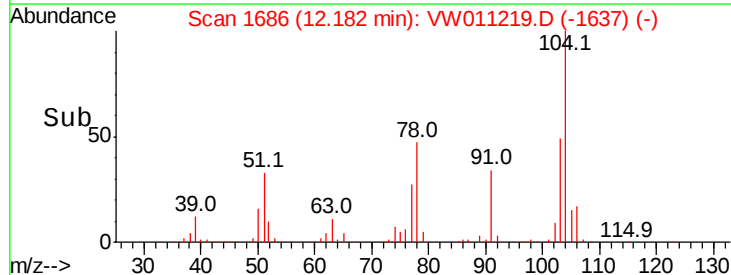
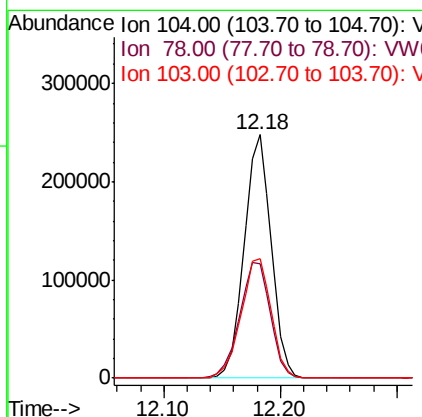
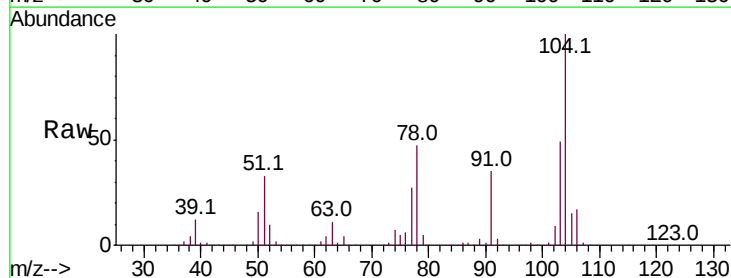
Manual Integrations
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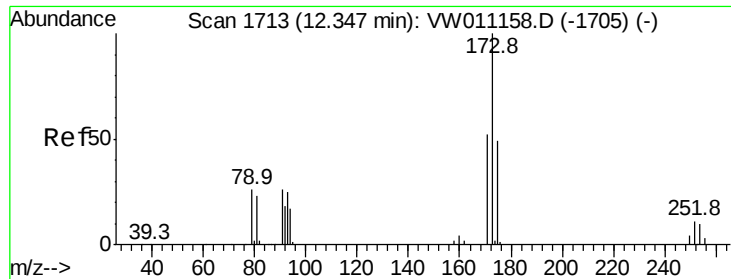
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#70
Styrene
Concen: 53.195 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion:104 Resp: 401238
Ion Ratio Lower Upper
104 100
78 54.1 43.1 64.7
103 54.7 44.1 66.1





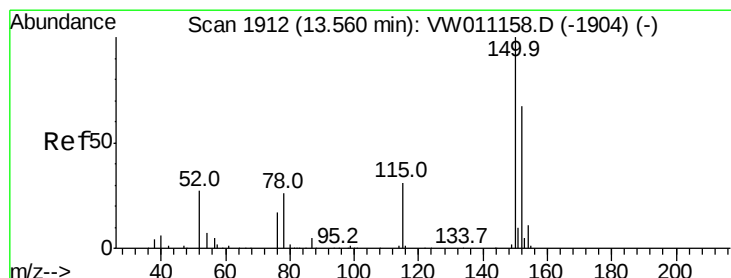
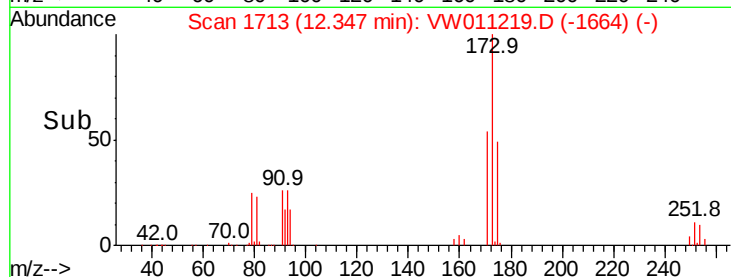
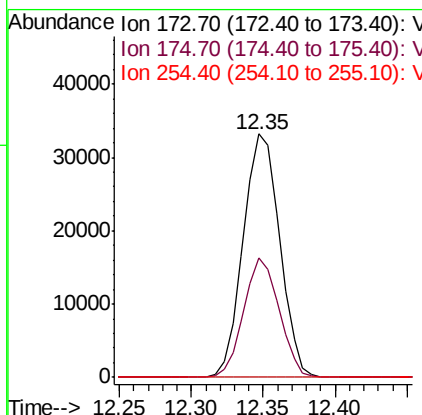
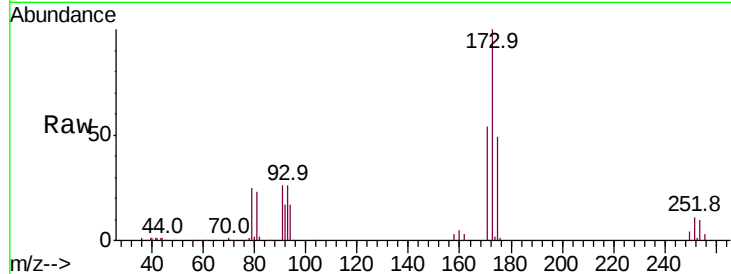
#71
Bromoform
Concen: 46.486 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.8	74.3
254	0.0	0.0	0.0

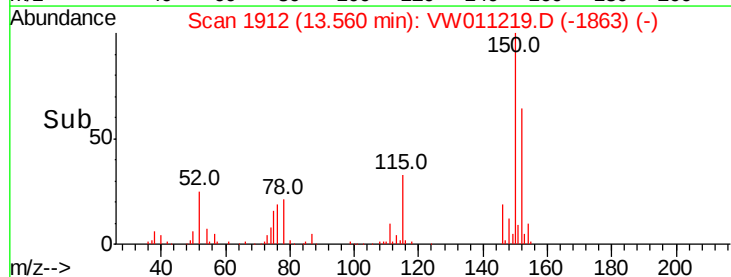
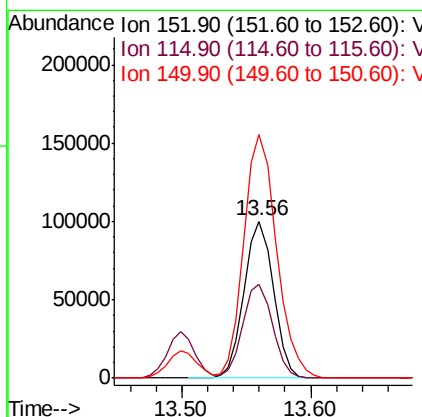
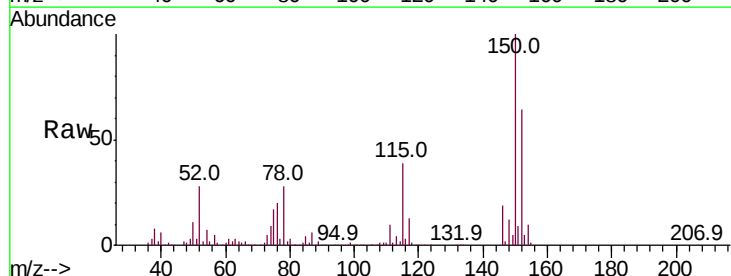
Manual Integrations
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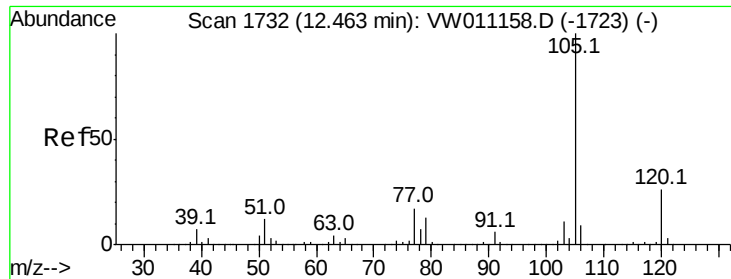
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.1	90.3
150	173.4	0.0	346.0





#73

Isopropylbenzene

Concen: 54.904 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 647757

Ion Ratio Lower Upper

105 100

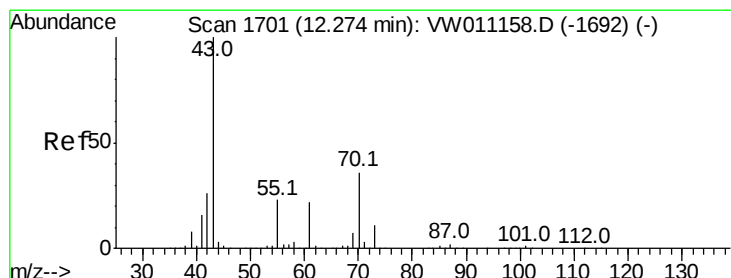
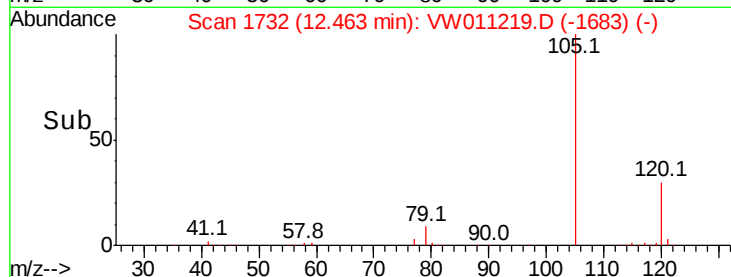
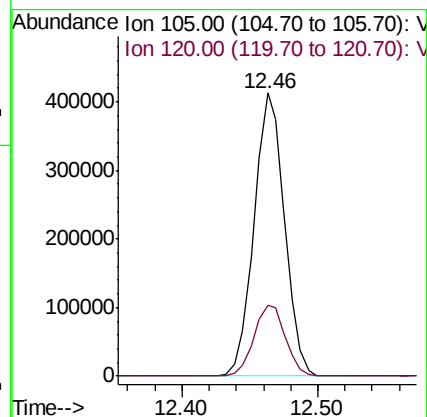
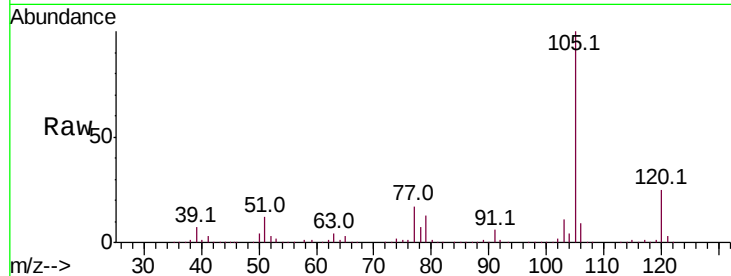
120 25.8 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.796 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion: 43 Resp: 196393

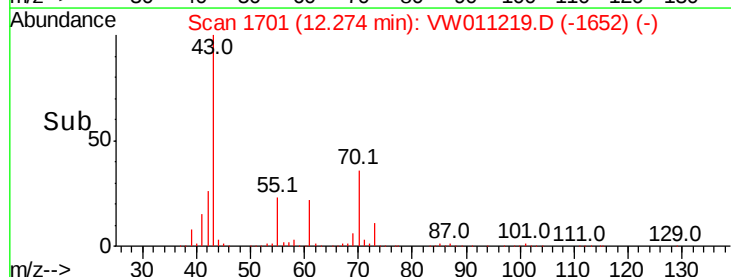
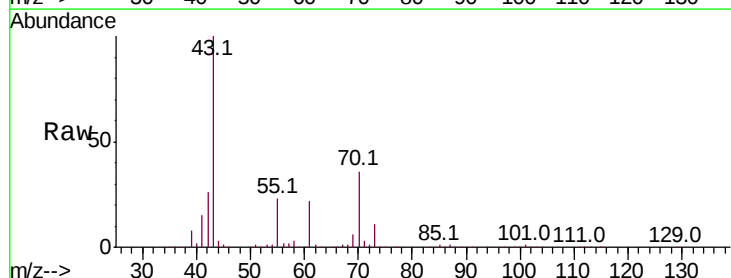
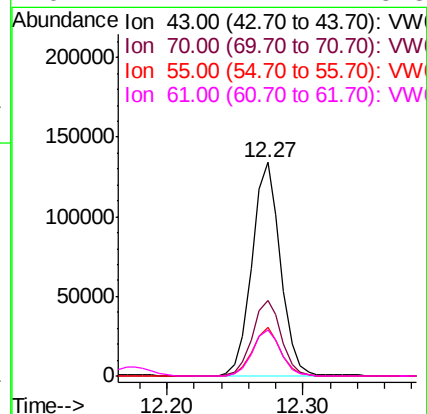
Ion Ratio Lower Upper

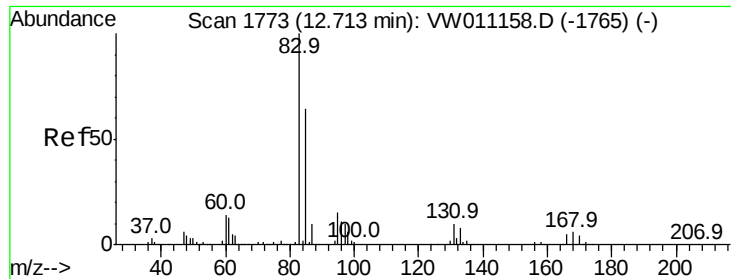
43 100

70 36.1 28.5 42.7

55 22.7 18.1 27.1

61 21.7 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.853 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Instrument :

MSVOA_W

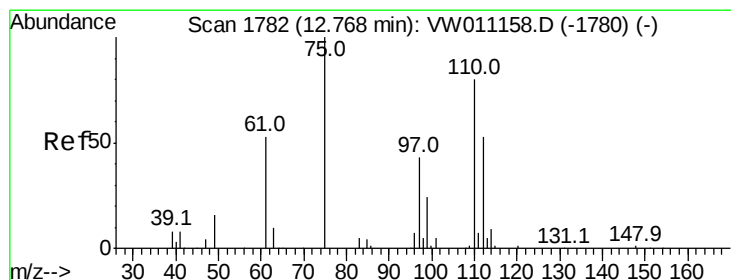
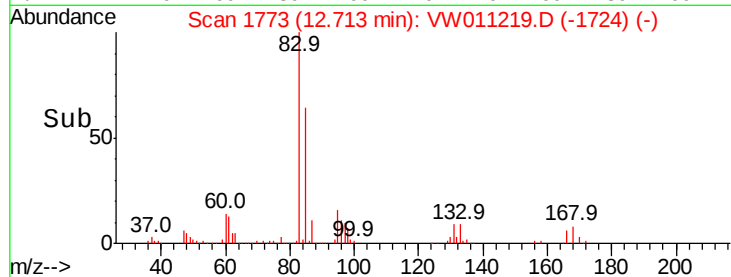
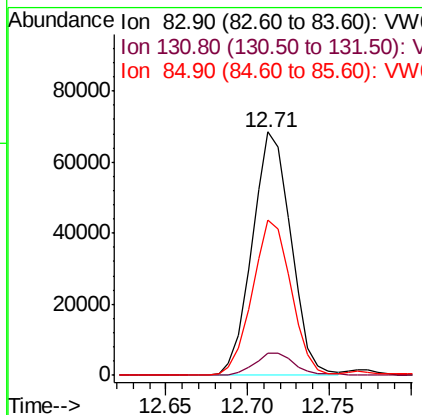
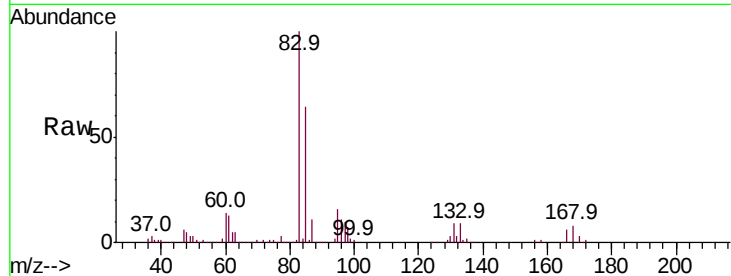
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	113312
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	63.9	31.6	94.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.025 ug/l m

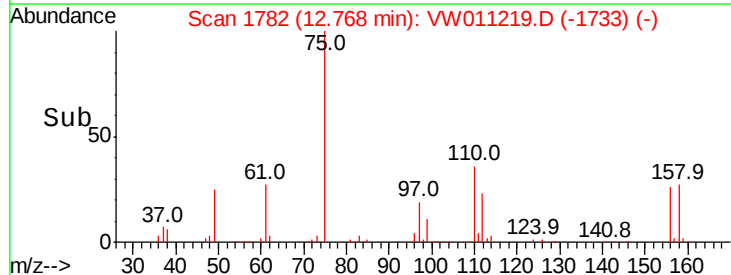
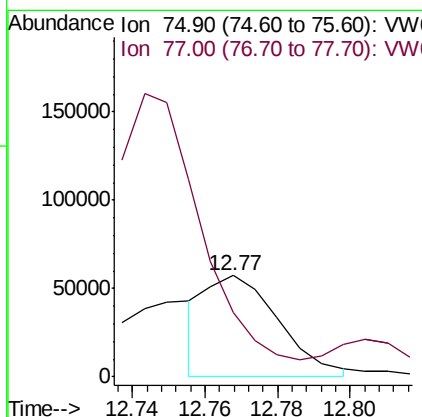
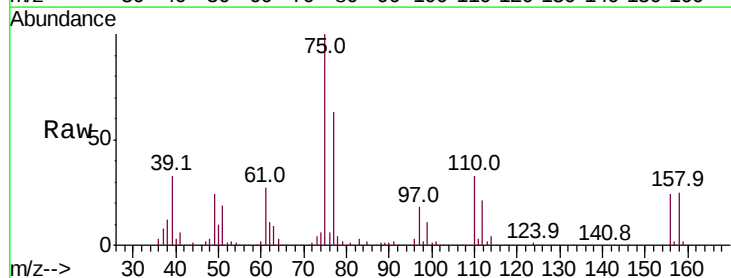
RT: 12.77 min Scan# 1782

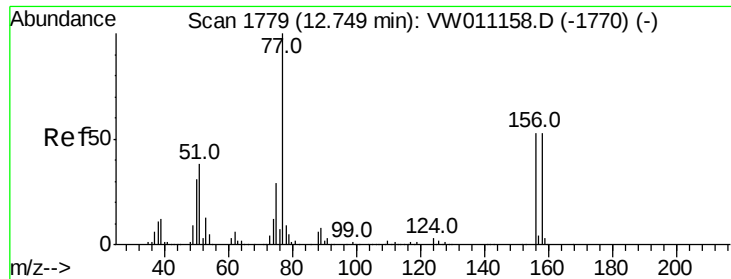
Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion:	75	Resp:	80297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





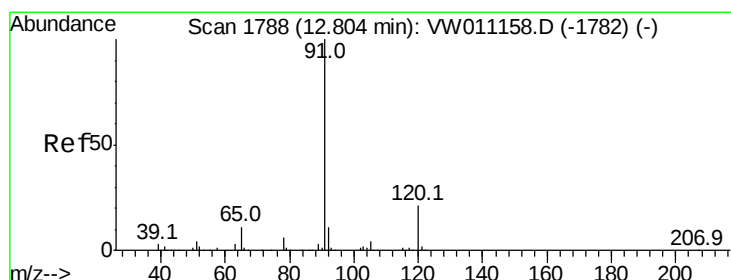
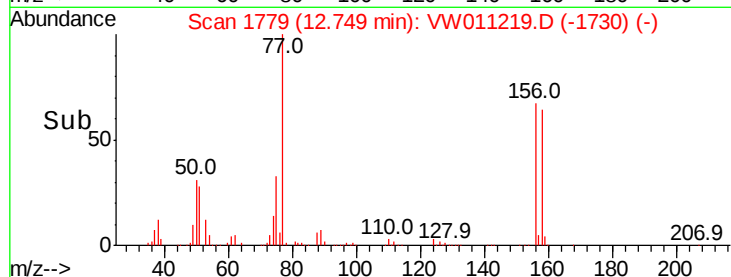
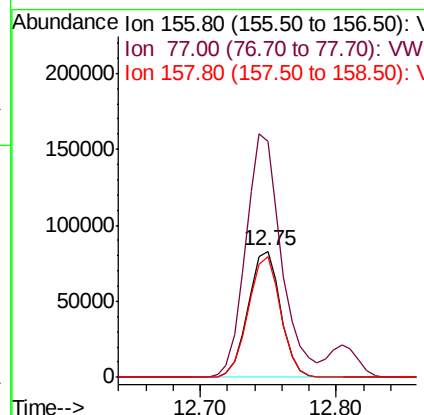
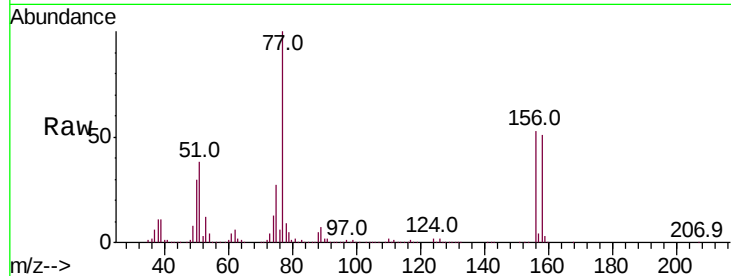
#77
Bromobenzene
Concen: 52.598 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	210.5	109.0	327.0
158	95.1	48.8	146.3

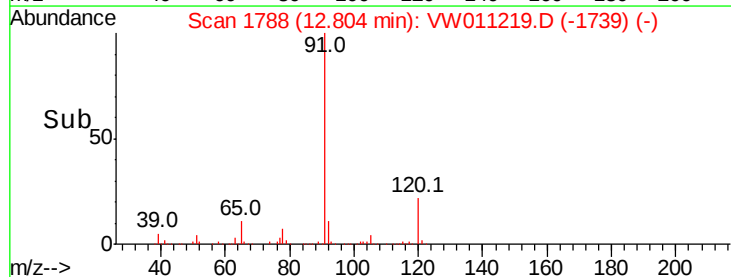
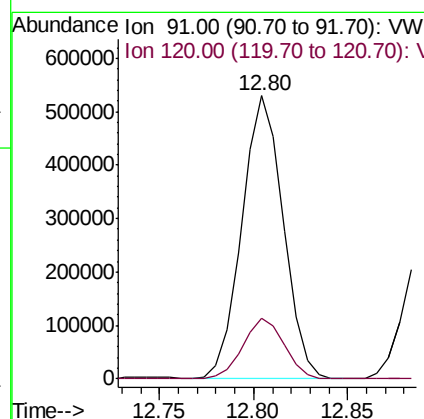
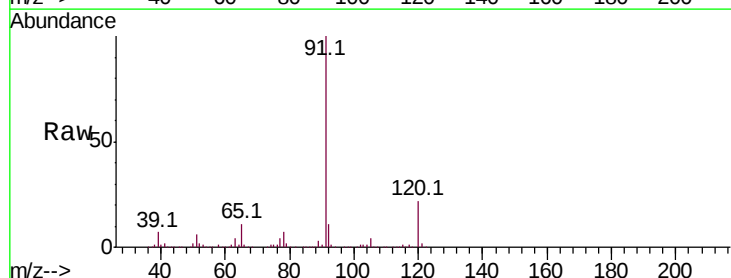
Manual Integrations
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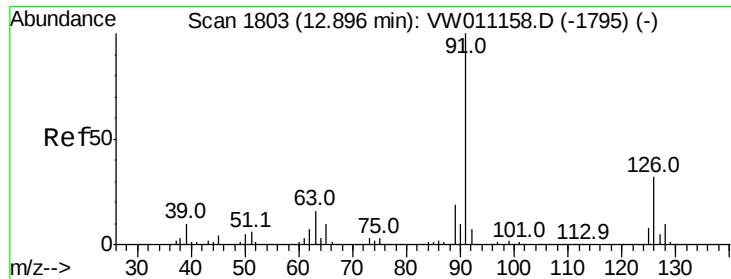
MMDadoda
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#78
n-propylbenzene
Concen: 55.399 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3





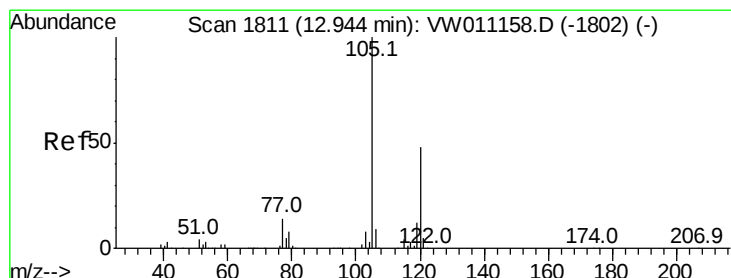
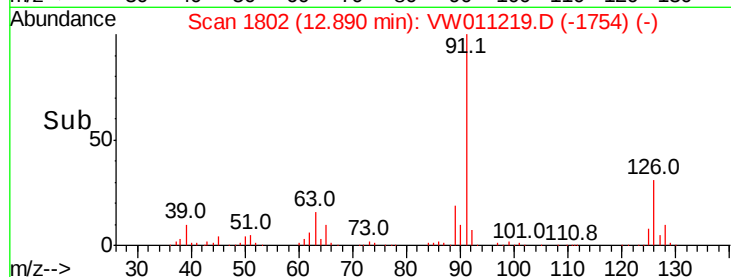
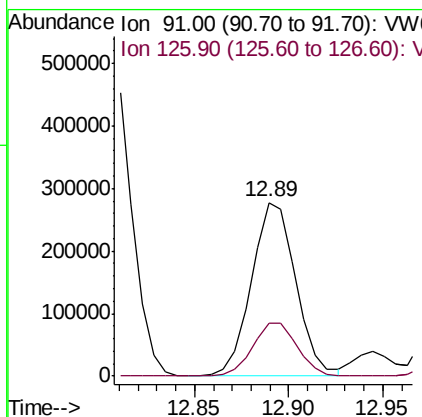
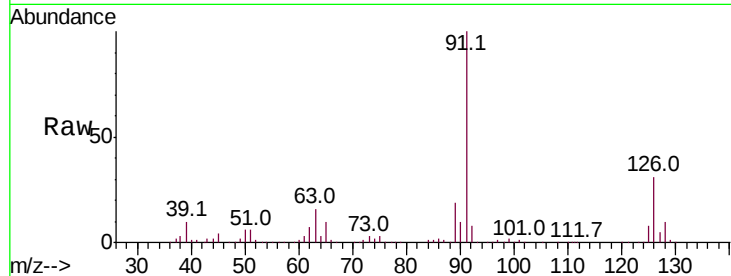
#79
 2-Chlorotoluene
 Concen: 54.057 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 452097
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.8 47.3

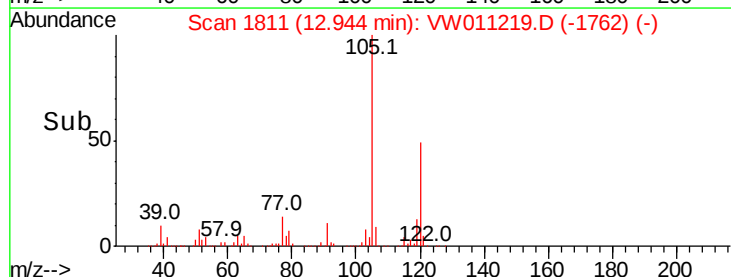
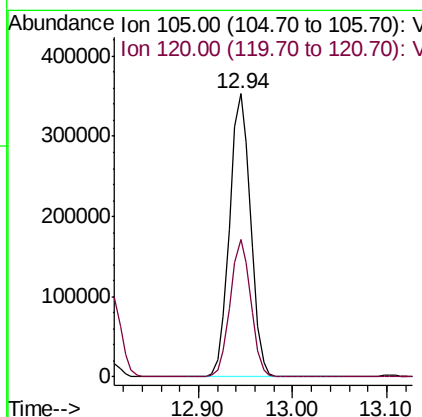
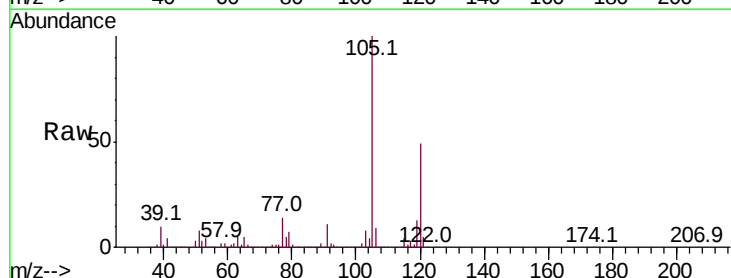
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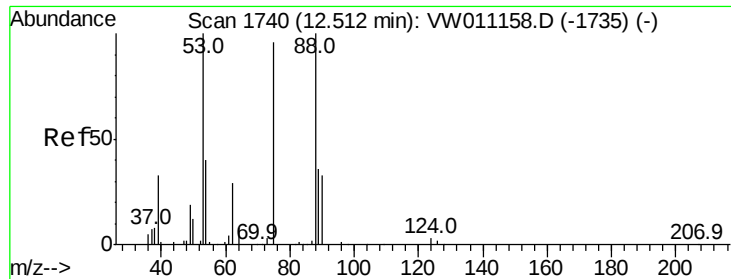
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.463 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion: 105 Resp: 545889
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2





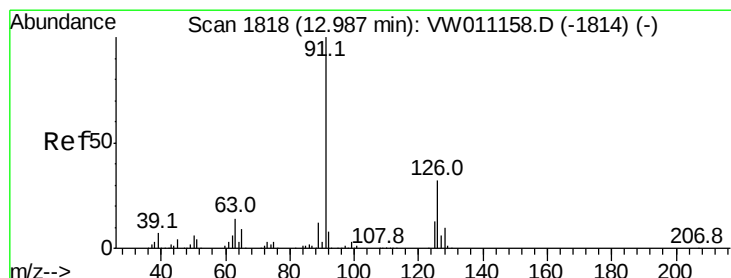
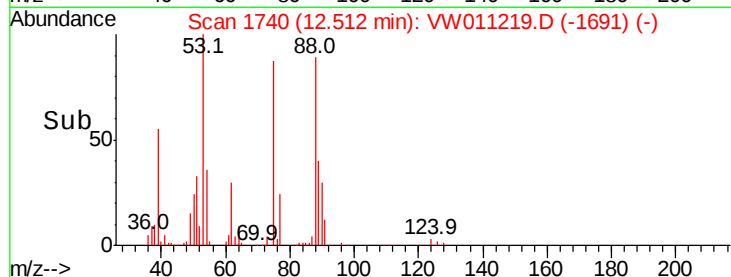
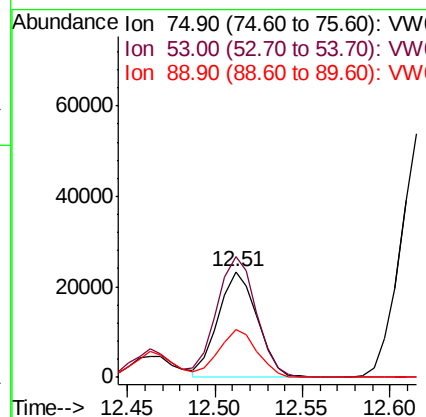
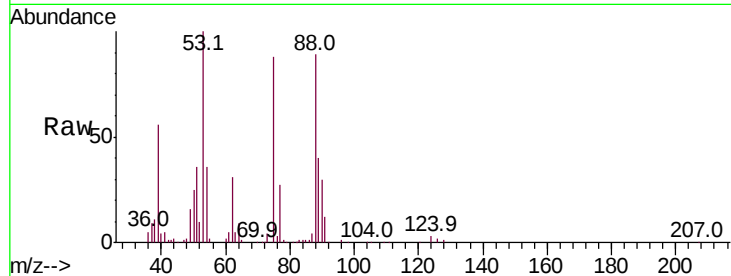
#81
trans-1,4-Dichloro-2-butene
Concen: 44.935 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.7	89.8	134.6
89	45.0	34.3	51.5

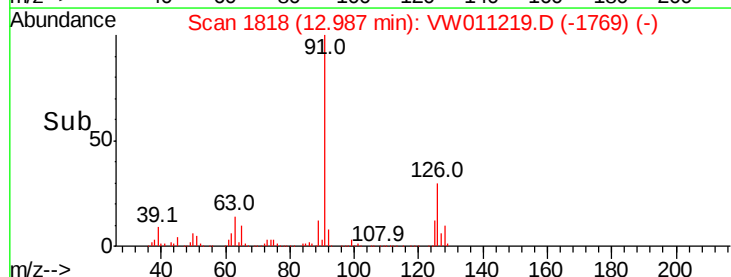
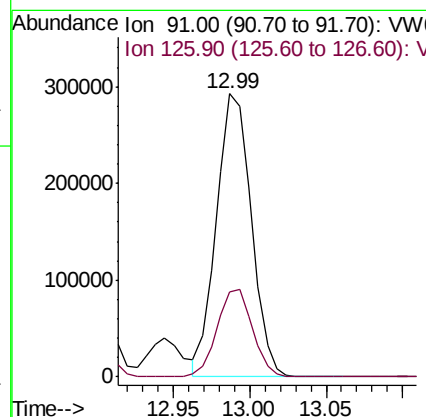
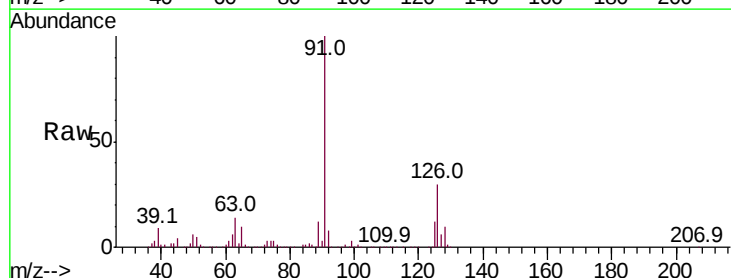
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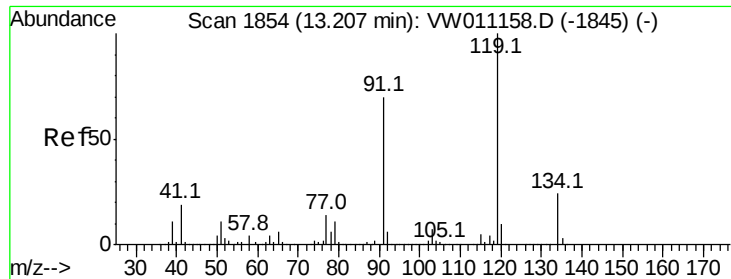
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#82
4-Chlorotoluene
Concen: 53.362 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.7	47.1





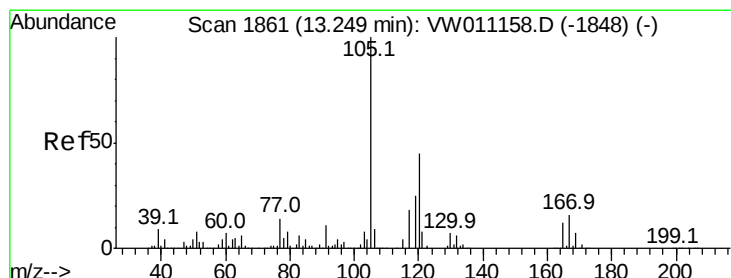
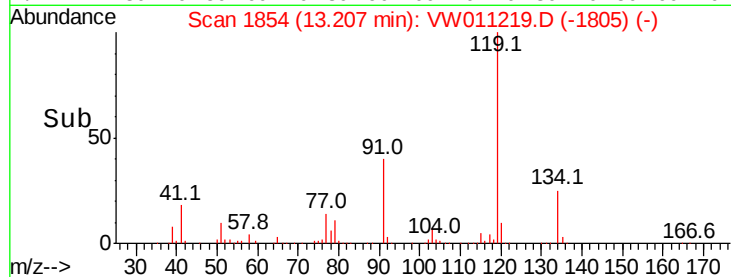
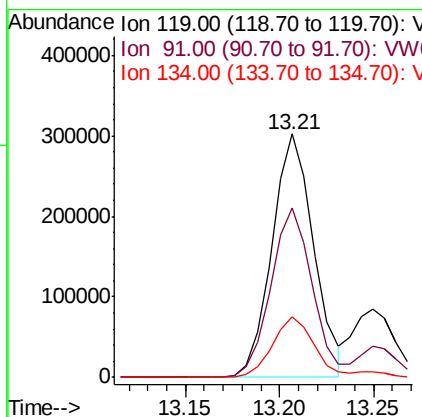
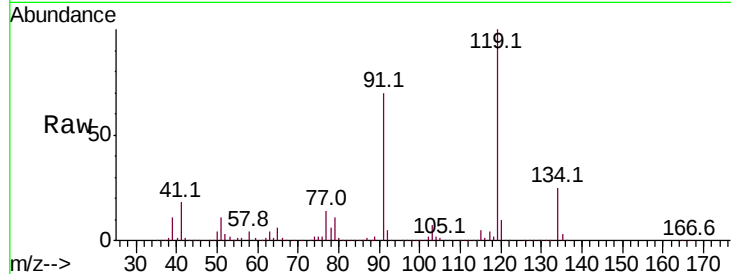
#83
tert-Butylbenzene
Concen: 55.469 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.0	35.4	106.3
134	26.6	13.4	40.2

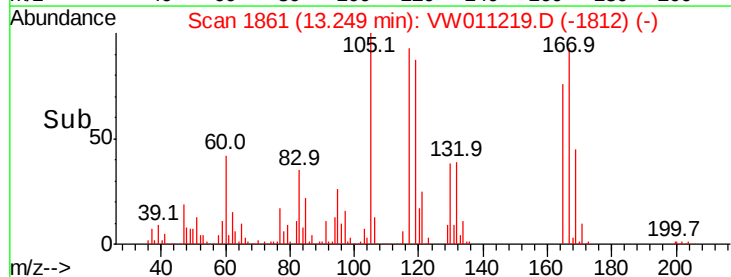
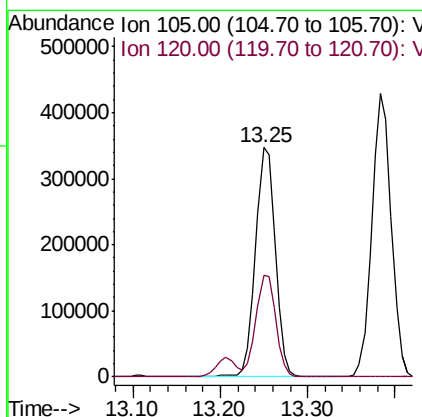
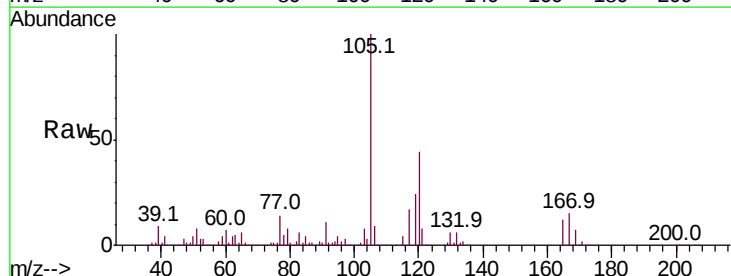
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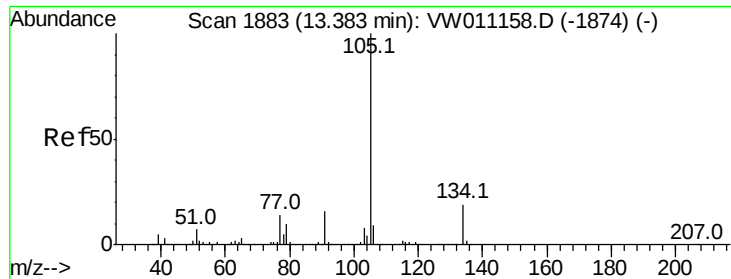
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#84
1,2,4-Trimethylbenzene
Concen: 54.331 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.3	66.9





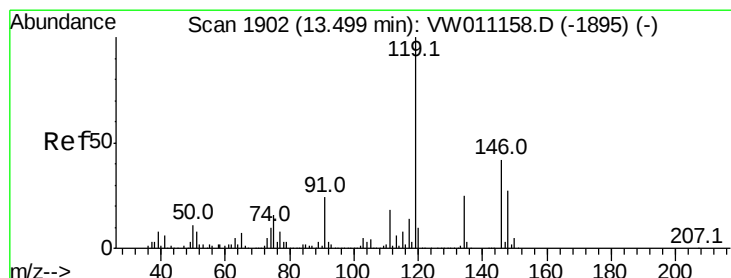
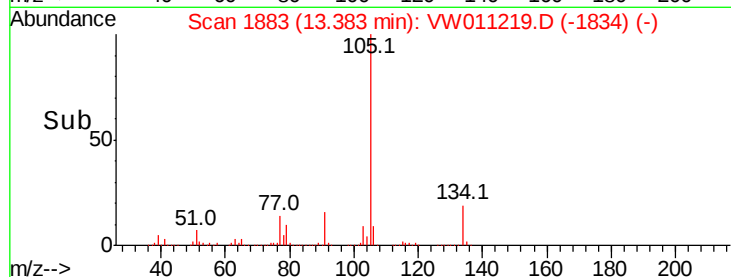
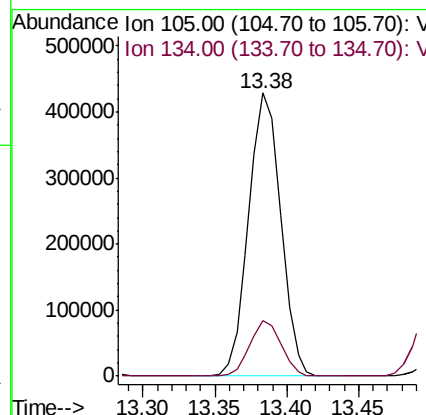
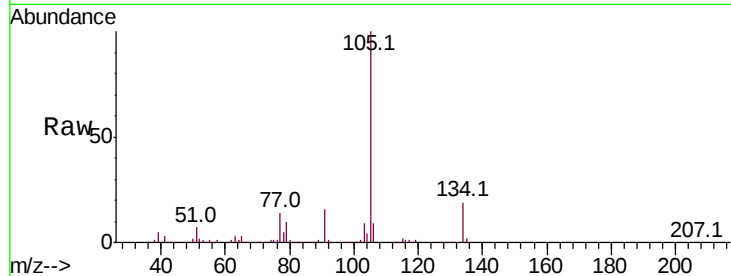
#85
 sec-Butylbenzene
 Concen: 54.894 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	28.9

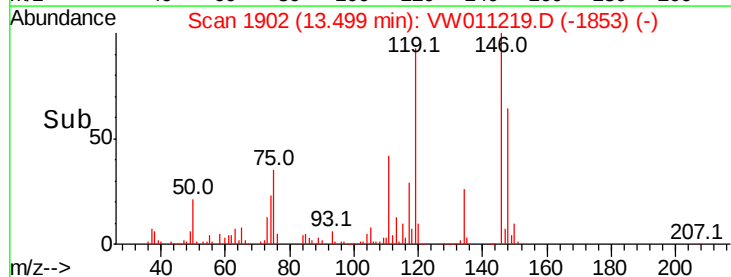
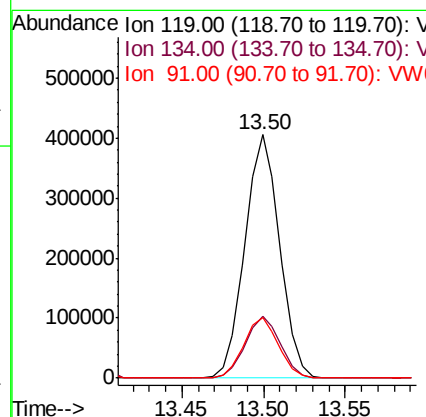
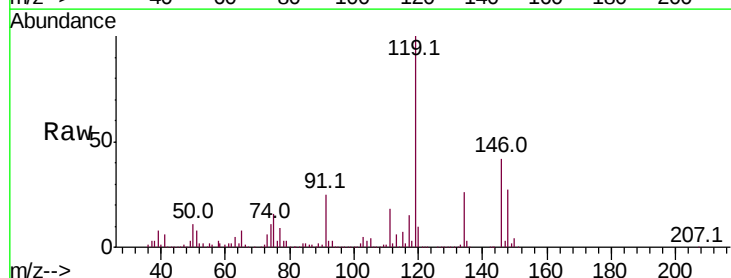
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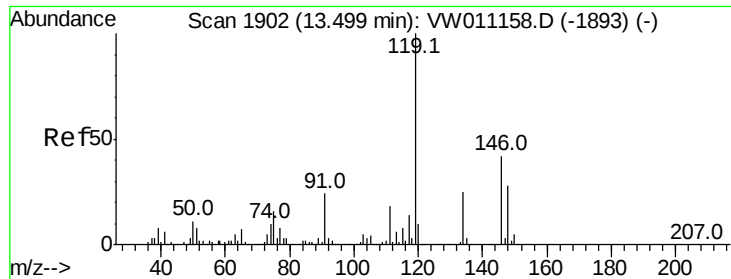
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#86
 p-Isopropyltoluene
 Concen: 55.491 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.6
91	24.7	12.3	36.8





#87

1,3-Dichlorobenzene

Concen: 53.479 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

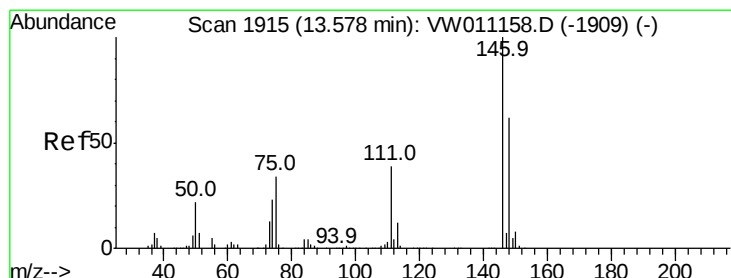
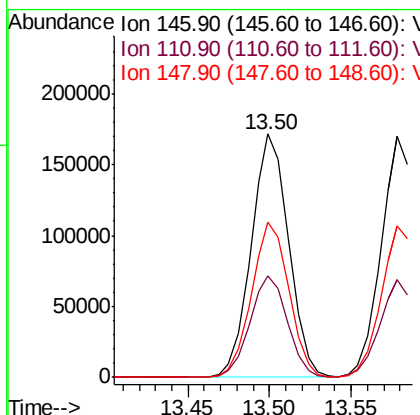
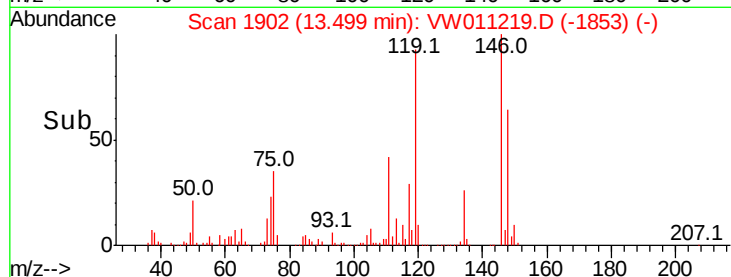
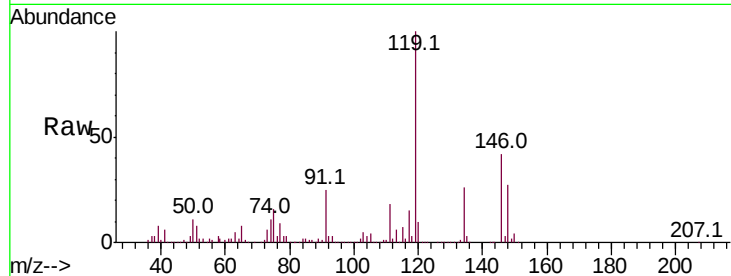
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	272433		
111	41.6	21.1	63.1	
148	63.8	32.6	97.7	

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#88

1,4-Dichlorobenzene

Concen: 52.171 ug/l

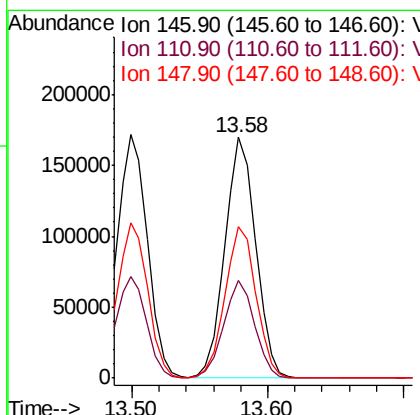
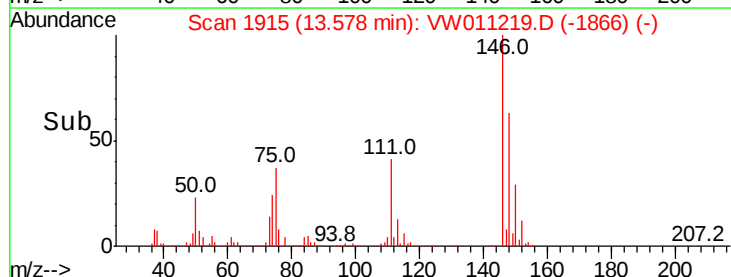
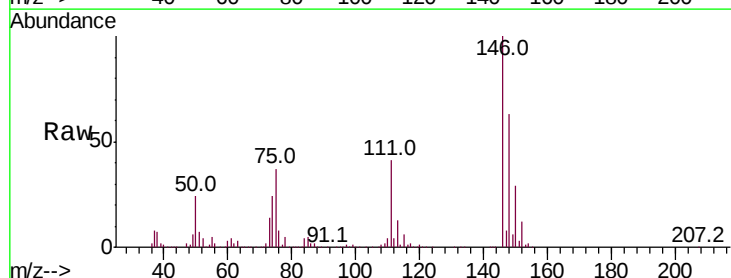
RT: 13.58 min Scan# 1915

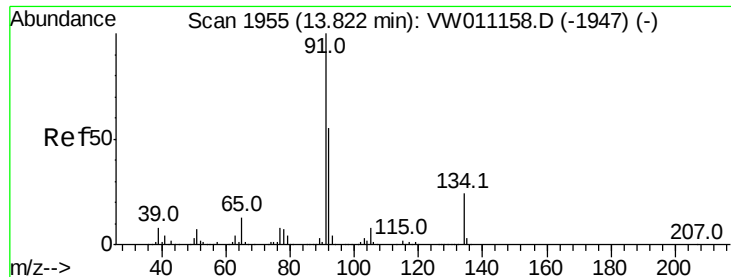
Delta R.T. 0.00 min

Lab File: VW011219.D

Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267622		
111	40.6	19.9	59.7	
148	63.5	31.5	94.5	





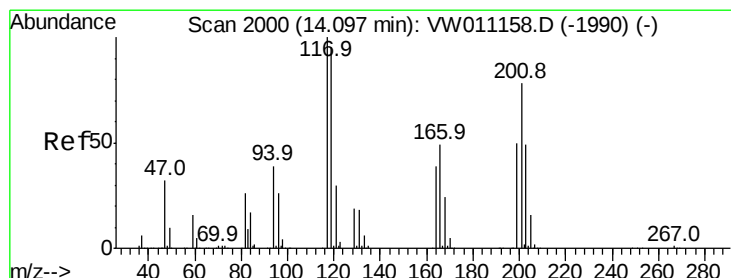
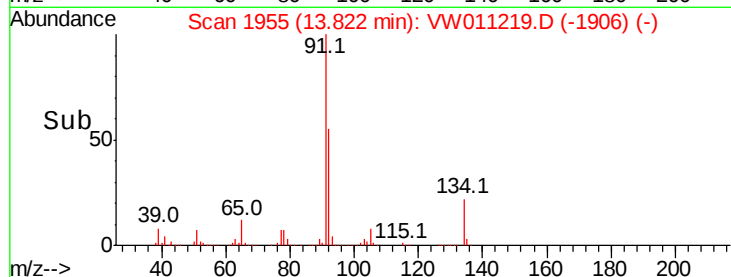
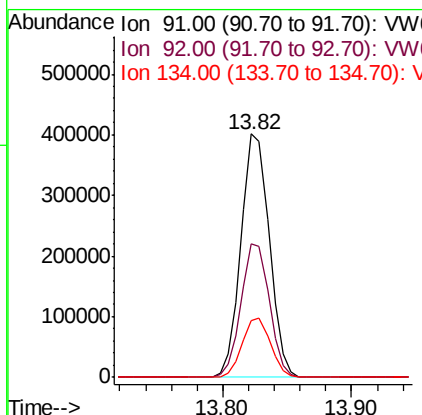
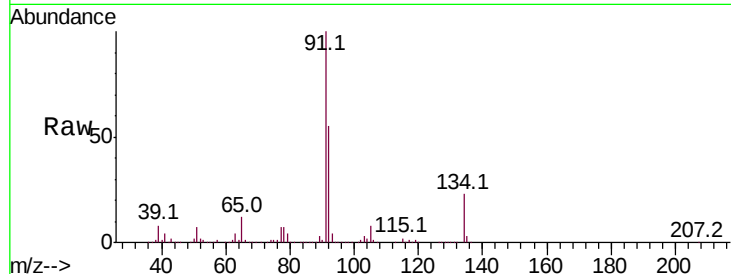
#89
n-Butylbenzene
Concen: 56.566 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	610480		
92	54.9		26.9	80.7
134	24.2		12.2	36.4

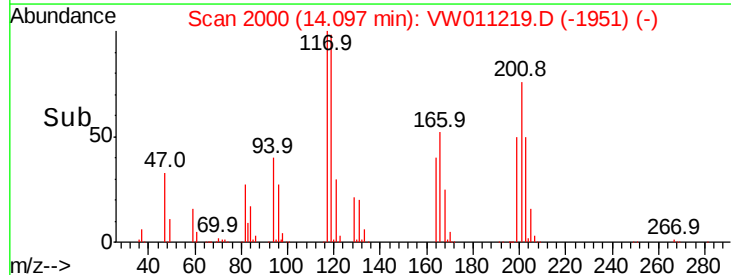
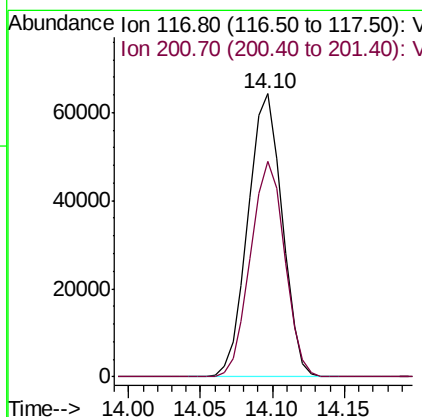
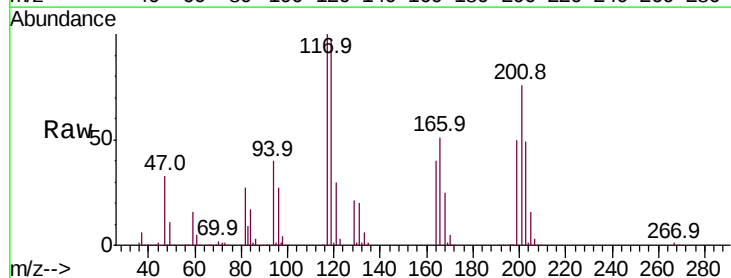
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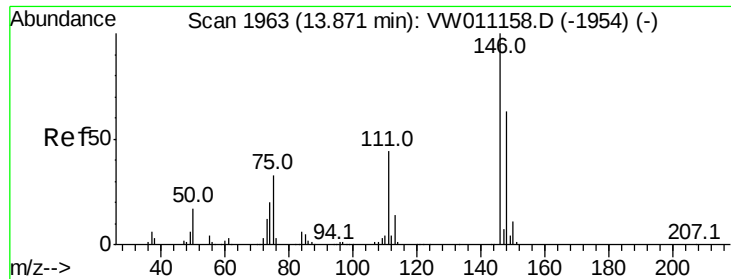
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#90
Hexachloroethane
Concen: 53.416 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105599		
201	76.4		38.3	114.8





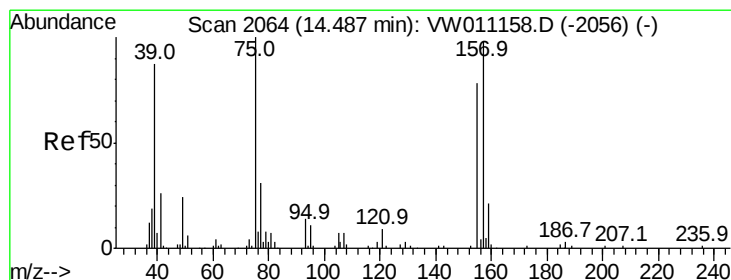
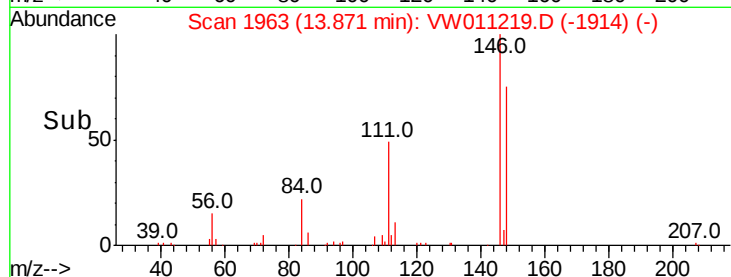
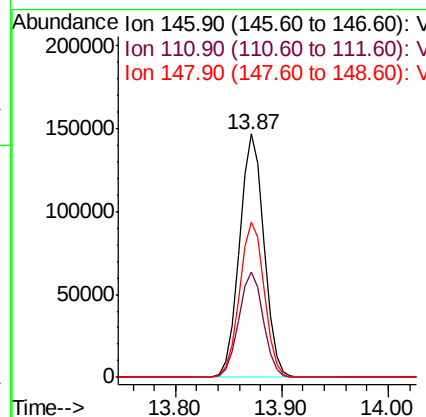
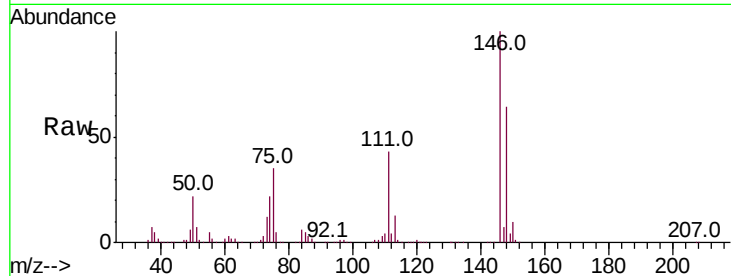
#91
 1,2-Dichlorobenzene
 Concen: 51.407 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	237577		
111	43.2	21.6	65.0	
148	64.5	31.9	95.5	

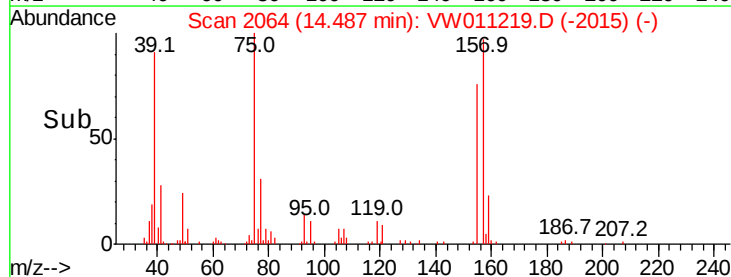
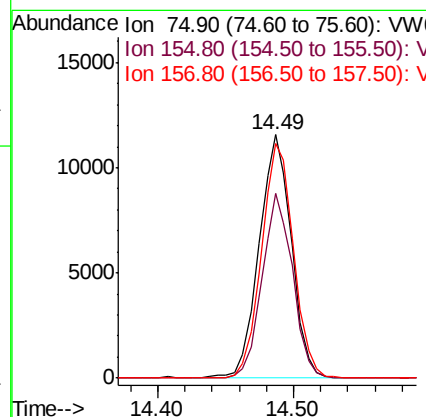
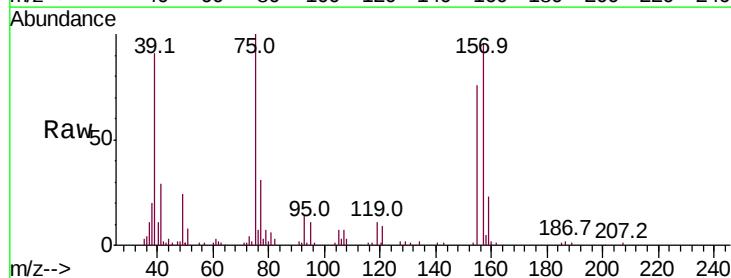
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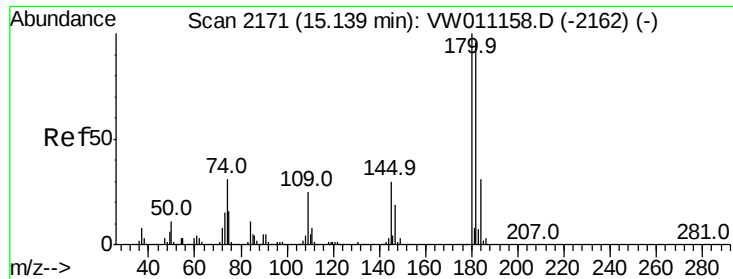
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.707 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19178		
155	71.7	37.1	111.3	
157	95.7	48.5	145.6	





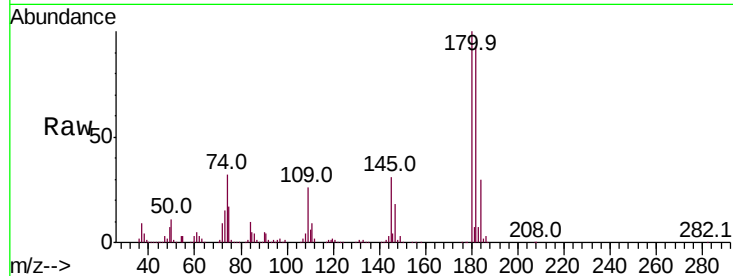
#93
 1,2,4-Trichlorobenzene
 Concen: 54.215 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	172576		
182	96.7	48.3	144.9	
145	31.3	15.5	46.5	

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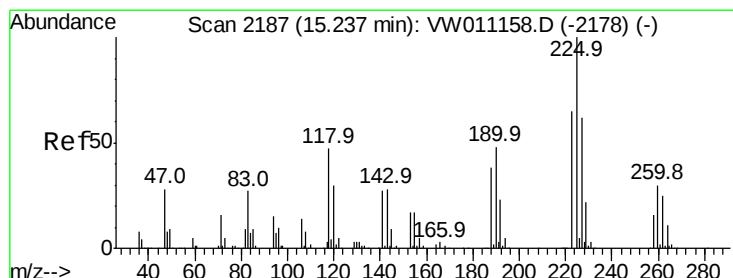
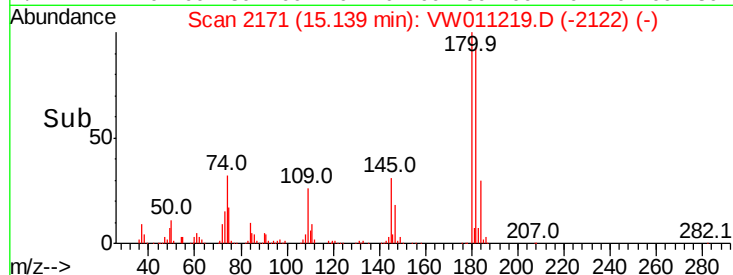
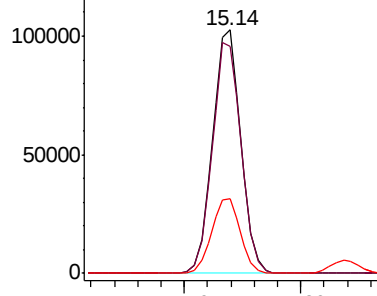


Abundance

Ion 179.80 (179.50 to 180.50): V

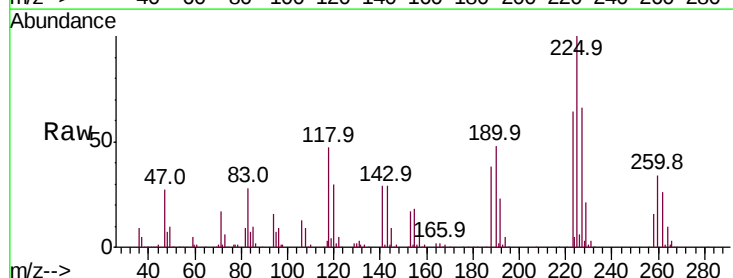
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.640 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011219.D
 Acq: 11 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108735		
223	64.0	31.6	95.0	
227	64.5	32.0	96.0	

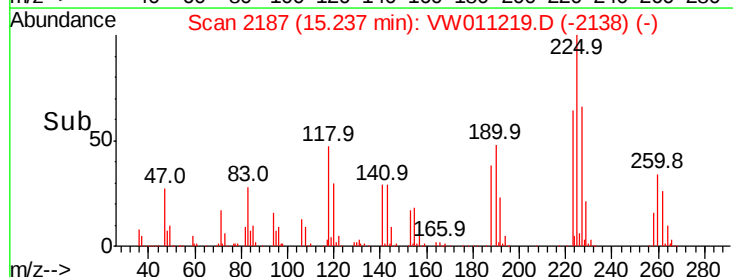
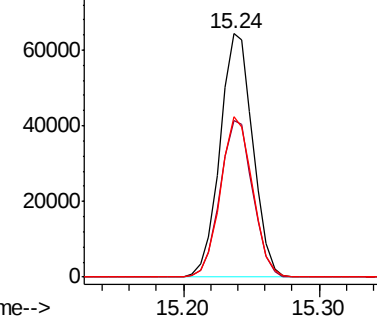


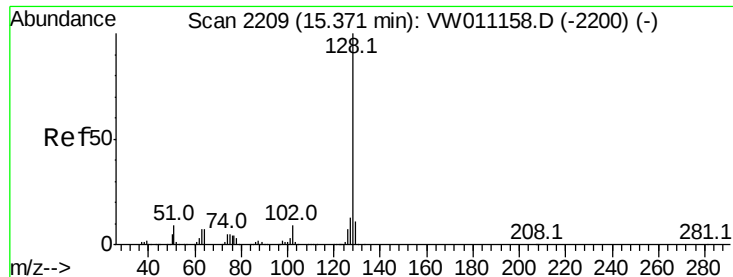
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





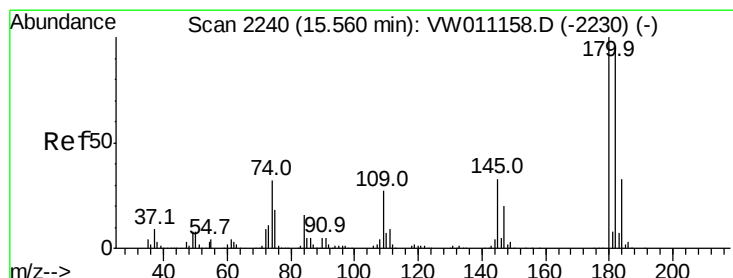
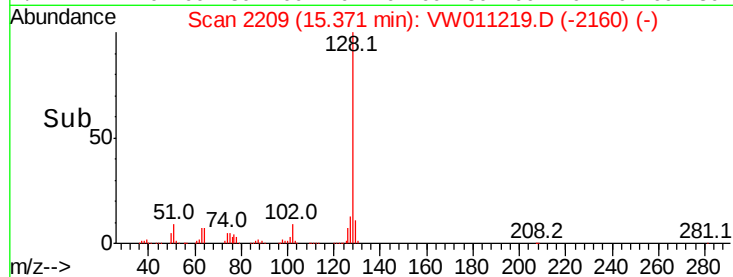
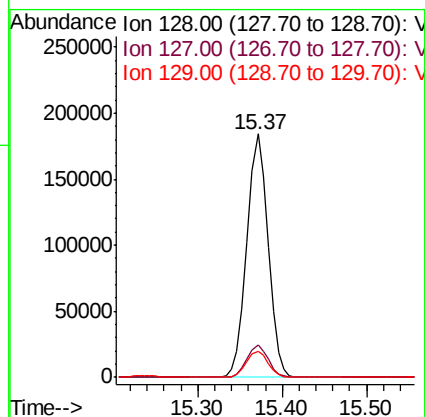
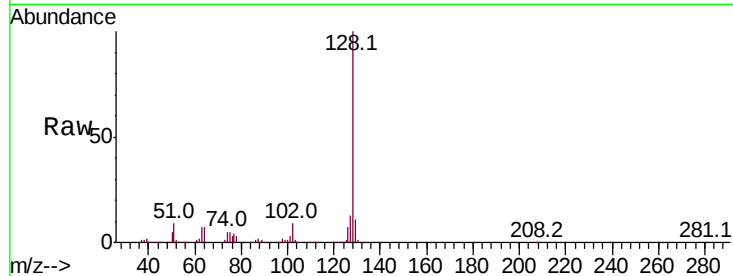
#95
Naphthalene
Concen: 51.098 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	311688
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 53.488 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011219.D
Acq: 11 Jul 2019 10:25

Tgt Ion:	180	Resp:	150264
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.6	142.8
145	32.2	16.5	49.5

