

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012904.D
 Acq On : 11 Sep 2019 07:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:16 AM

Quant Time: Sep 11 08:34:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	182995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	286881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	131489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	105438	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.88	113	86673	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.32	98	342988	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.62	95	122199	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39602	39.919	ug/l	99
3) Chloromethane	2.21	50	57156	47.407	ug/l	92
4) Vinyl Chloride	2.35	62	68396	46.267	ug/l	97
5) Bromomethane	2.73	94	44360m	55.261	ug/l	
6) Chloroethane	2.90	64	45818	51.939	ug/l	98
7) Trichlorofluoromethane	3.24	101	43710	42.848	ug/l	97
8) Diethyl Ether	3.67	74	44501	51.903	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70593	44.096	ug/l	96
10) Methyl Iodide	4.26	142	105100	52.151	ug/l	99
11) Tert butyl alcohol	5.16	59	40854	261.151	ug/l	99
12) 1,1-Dichloroethene	4.03	96	68535	45.351	ug/l	98
13) Acrolein	3.89	56	26958	162.388	ug/l	99
14) Allyl chloride	4.66	41	136163	43.556	ug/l	97
15) Acrylonitrile	5.36	53	117815	235.264	ug/l	100
16) Acetone	4.11	43	100532	180.354	ug/l	96
17) Carbon Disulfide	4.37	76	130511	40.686	ug/l	100
18) Methyl Acetate	4.66	43	68132	52.097	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	158147	52.767	ug/l	100
20) Methylene Chloride	4.91	84	89536	51.343	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	76407	49.551	ug/l	89
22) Diisopropyl ether	6.31	45	321336	51.826	ug/l	99
23) Vinyl Acetate	6.24	43	892823	227.215	ug/l	99
24) 1,1-Dichloroethane	6.21	63	169233	50.691	ug/l	99
25) 2-Butanone	7.17	43	157310	196.260	ug/l	99
26) 2,2-Dichloropropane	7.16	77	86247	40.903	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	97191	54.360	ug/l	95
28) Bromochloromethane	7.51	49	79541	51.888	ug/l	89
29) Tetrahydrofuran	7.52	42	101149	224.708	ug/l	95
30) Chloroform	7.67	83	174426	52.718	ug/l	99
31) Cyclohexane	7.95	56	117607	39.130	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	134476	50.141	ug/l	96
36) 1,1-Dichloropropene	8.08	75	114095	44.760	ug/l	99
37) Ethyl Acetate	7.25	43	69766	42.935	ug/l	99
38) Carbon Tetrachloride	8.06	117	117953	46.943	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	119613	41.781	ug/l	95
40) Benzene	8.32	78	349930	49.479	ug/l	99
41) Methacrylonitrile	7.48	41	42510	39.369	ug/l	94
42) 1,2-Dichloroethane	8.40	62	126451	50.804	ug/l	99
43) Isopropyl Acetate	8.42	43	136984	44.497	ug/l	97
44) Trichloroethene	9.09	130	92265	50.611	ug/l	91
45) 1,2-Dichloropropane	9.37	63	97678	49.797	ug/l	93
46) Dibromomethane	9.46	93	47793	51.454	ug/l	96
47) Bromodichloromethane	9.64	83	132759	51.951	ug/l	99
48) Methyl methacrylate	9.43	41	70302	47.786	ug/l	96
49) 1,4-Dioxane	9.45	88	16078	876.303	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	360989	223.468	ug/l	98
52) Toluene	10.38	92	225876	51.172	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	128745	48.995	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	145206	48.711	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	73115	52.578	ug/l	97
56) Ethyl methacrylate	10.65	69	101434	49.831	ug/l	98
57) 1,3-Dichloropropane	10.93	76	129845	50.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	263847	244.157	ug/l	96
59) 2-Hexanone	10.96	43	244643	207.293	ug/l	98
60) Dibromochloromethane	11.13	129	85794	52.459	ug/l	99
61) 1,2-Dibromoethane	11.23	107	66132	51.872	ug/l	99
64) Tetrachloroethene	10.86	164	88514	56.658	ug/l	96
65) Chlorobenzene	11.66	112	247060	50.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	97386	53.739	ug/l	98
67) Ethyl Benzene	11.73	91	457146	50.070	ug/l	99
68) m/p-Xylenes	11.83	106	333624	101.233	ug/l	98
69) o-Xylene	12.16	106	160393	51.587	ug/l	98
70) Styrene	12.18	104	288224	52.461	ug/l	99
71) Bromoform	12.35	173	51871	51.519	ug/l #	98
73) Isopropylbenzene	12.46	105	449826	47.698	ug/l	100
74) N-amyl acetate	12.27	43	125378	41.884	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	84079	44.393	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	67703m	50.354	ug/l	
77) Bromobenzene	12.74	156	110098	51.529	ug/l	92
78) n-propylbenzene	12.80	91	529275	46.925	ug/l	100
79) 2-Chlorotoluene	12.89	91	317293	49.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	389167	48.972	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	24289	38.209	ug/l	97
82) 4-Chlorotoluene	12.99	91	329380	48.091	ug/l	98
83) tert-Butylbenzene	13.21	119	343705	48.915	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	397715	49.668	ug/l	100
85) sec-Butylbenzene	13.38	105	455251	46.691	ug/l	98
86) p-Isopropyltoluene	13.50	119	429474	48.222	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	210367	50.092	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	210733	50.428	ug/l	99
89) n-Butylbenzene	13.82	91	395083	45.694	ug/l	100
90) Hexachloroethane	14.09	117	76253	49.045	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	195077	51.608	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15618	45.060	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	136037	51.692	ug/l	99
94) Hexachlorobutadiene	15.24	225	88990	48.854	ug/l	99
95) Naphthalene	15.36	128	244967	44.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	122703	52.821	ug/l	99

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

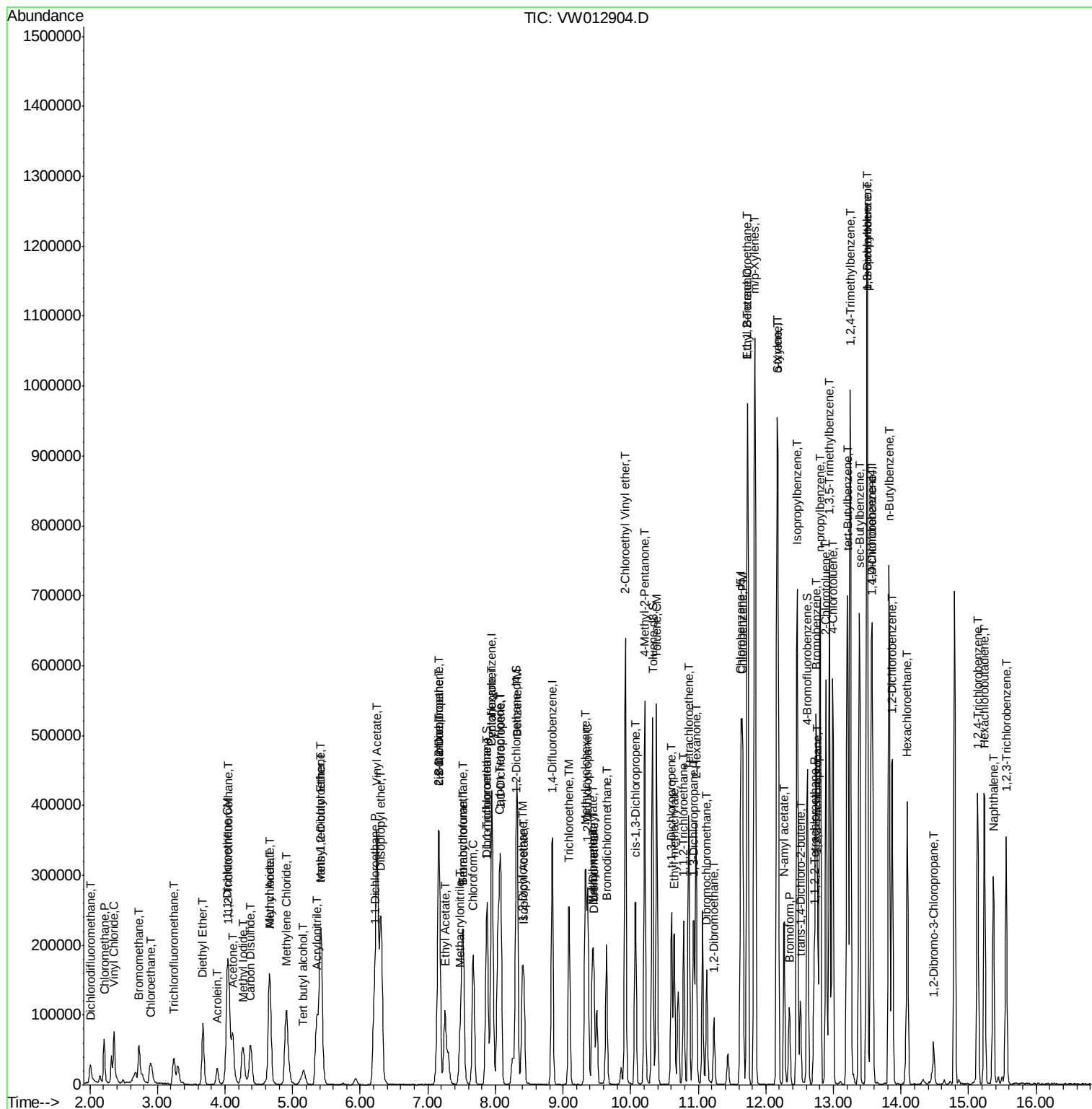
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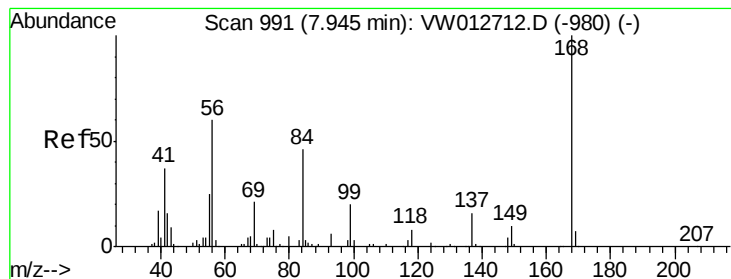
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 182995

Ion Ratio Lower Upper

168 100

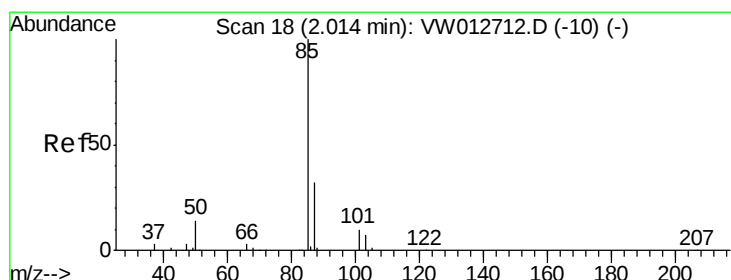
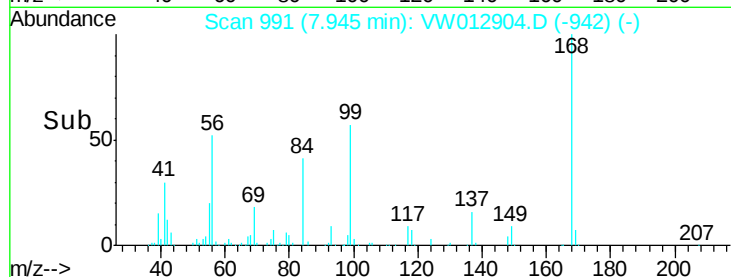
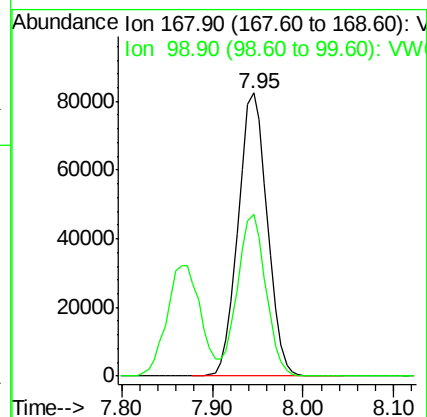
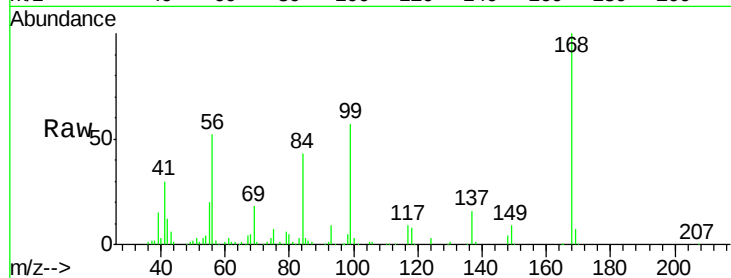
99 57.0 47.8 71.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 39.919 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012904.D

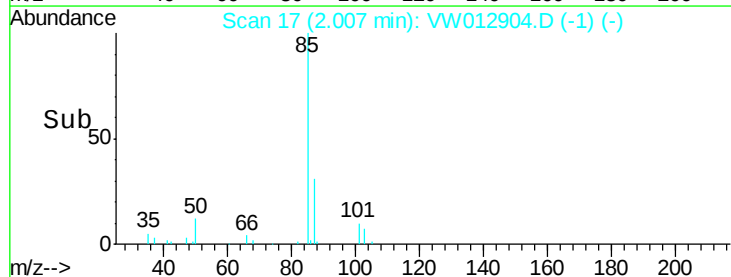
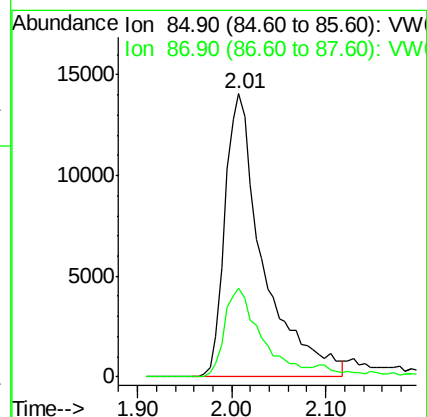
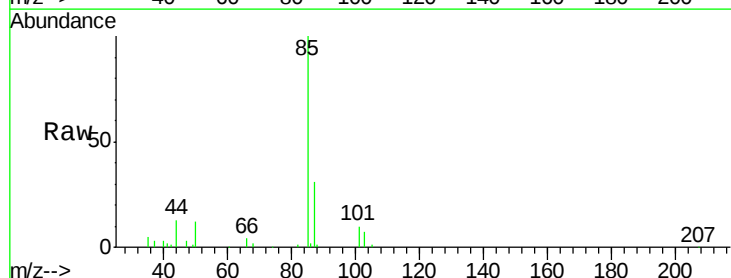
Acq: 11 Sep 2019 07:30

Tgt Ion: 85 Resp: 39602

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.4





#3

Chloromethane

Concen: 47.407 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 57156

Ion Ratio Lower Upper

50 100

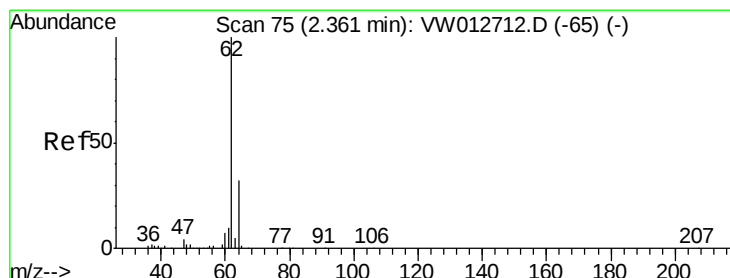
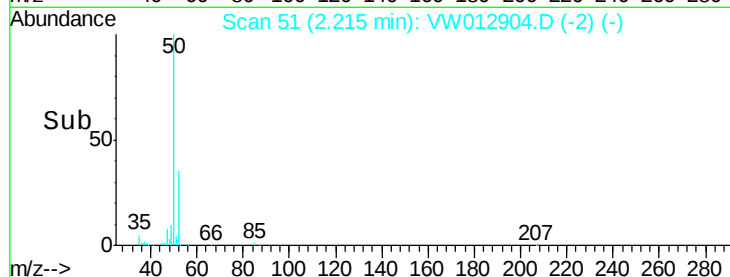
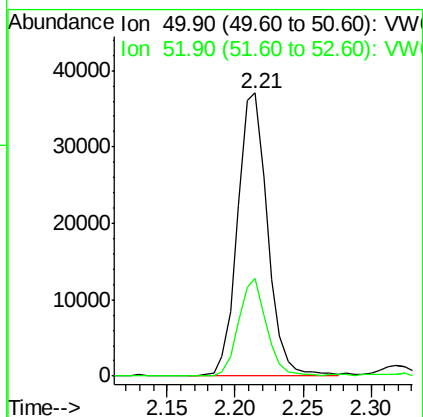
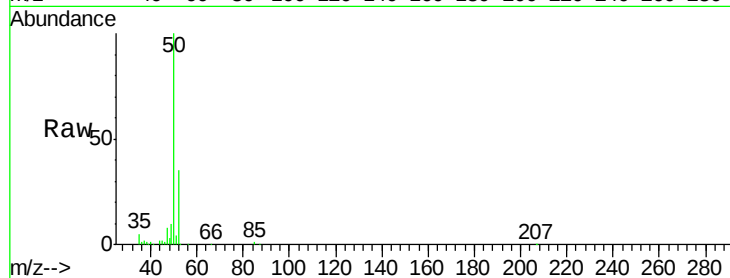
52 34.6 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.267 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012904.D

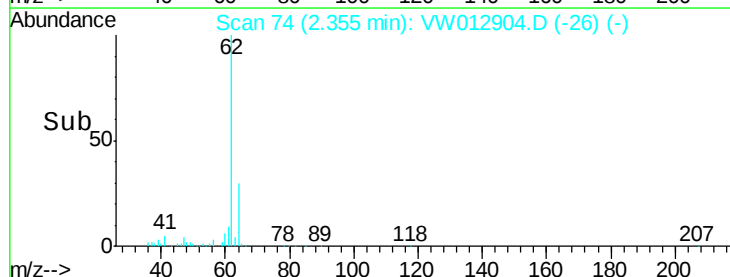
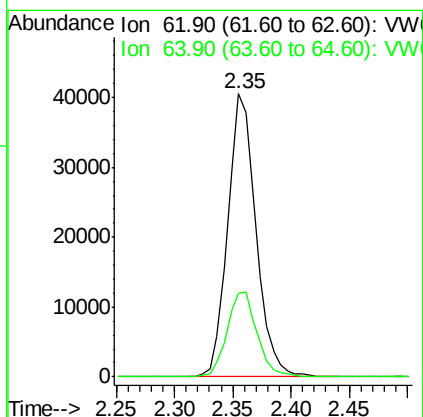
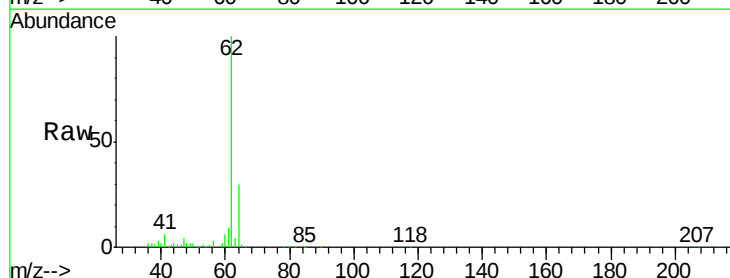
Acq: 11 Sep 2019 07:30

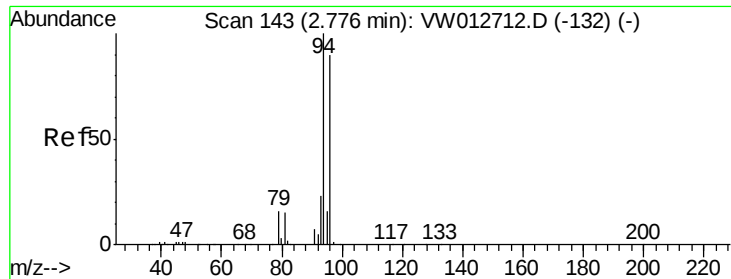
Tgt Ion: 62 Resp: 68396

Ion Ratio Lower Upper

62 100

64 29.7 25.3 37.9





#5

Bromomethane

Concen: 55.261 ug/l m

RT: 2.73 min Scan# 135

Delta R.T. -0.05 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tot Ion: 94 Resp: 44360

Ion Ratio Lower Upper

94 100

96 94.1 72.1 108.1

Instrument :

MSVOA_W

ClientSampleId :

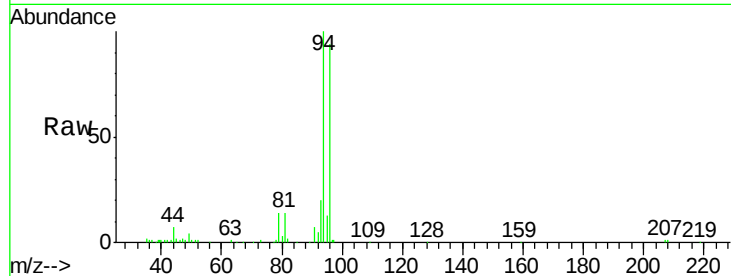
VSTDCCC050EC

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.73

20000

15000

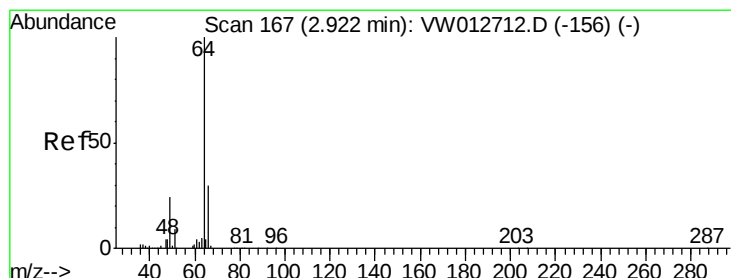
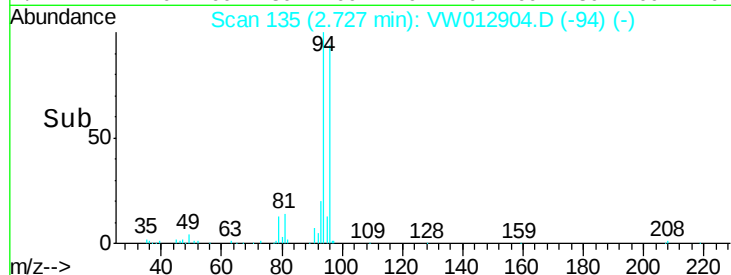
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 51.939 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW012904.D

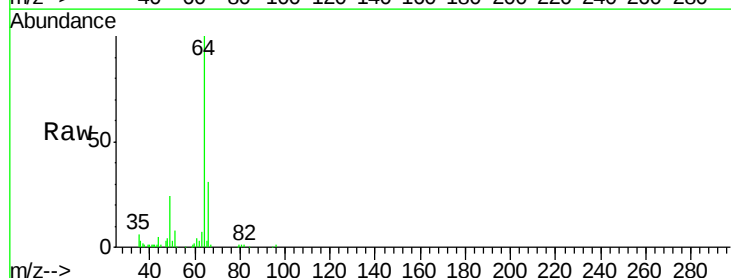
Acq: 11 Sep 2019 07:30

Tgt Ion: 64 Resp: 45818

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.90

15000

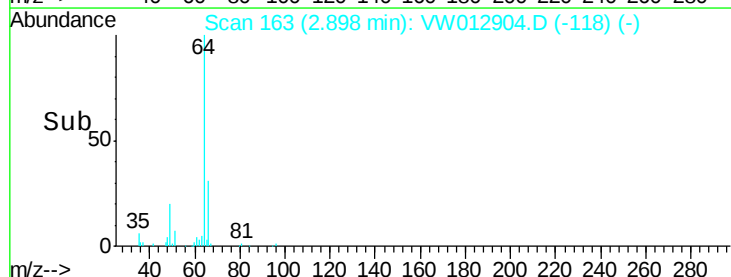
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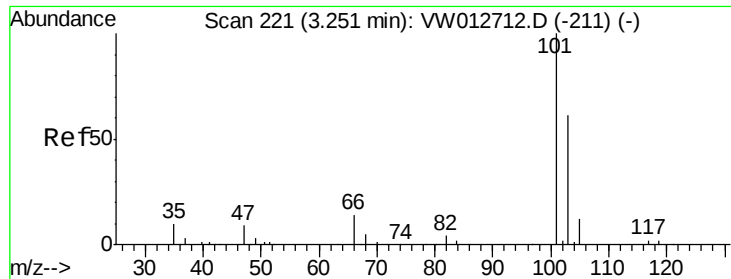
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Time-->

2.80 2.90 3.00





#7

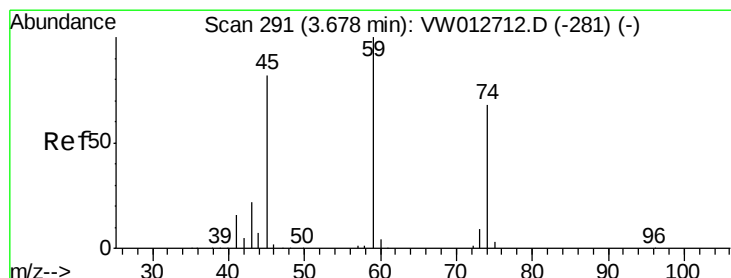
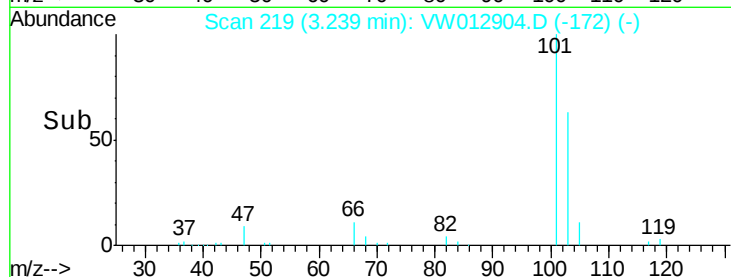
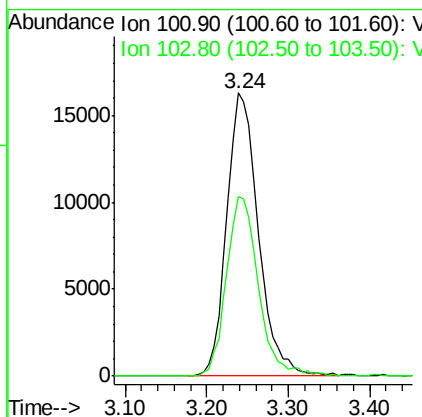
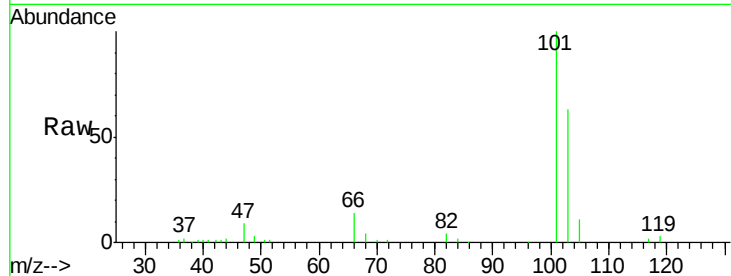
Trichlorofluoromethane
 Concen: 42.848 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	49.0	73.4

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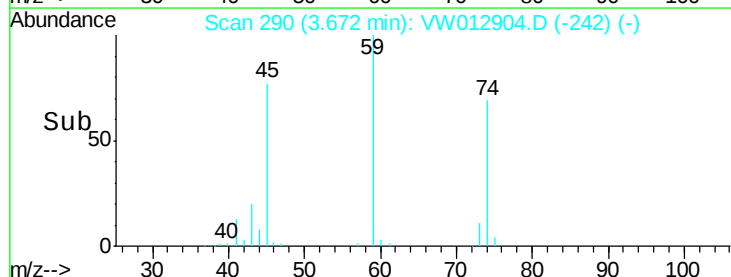
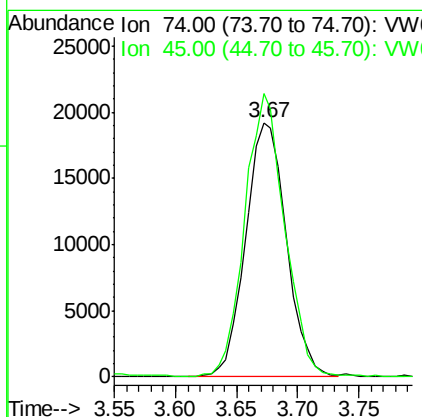
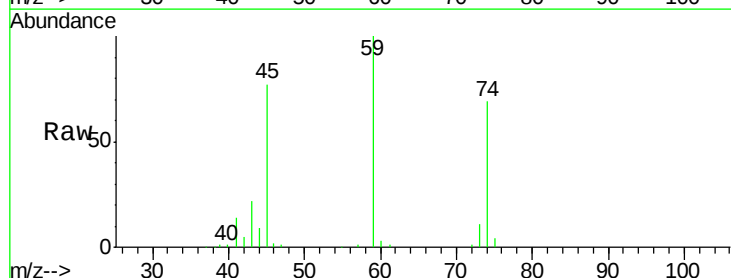
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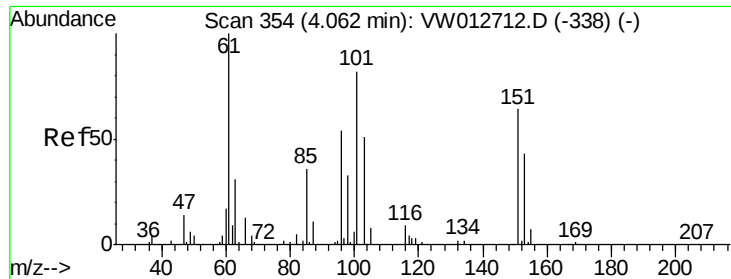


#8

Diethyl Ether
 Concen: 51.903 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.6	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.096 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012904.D

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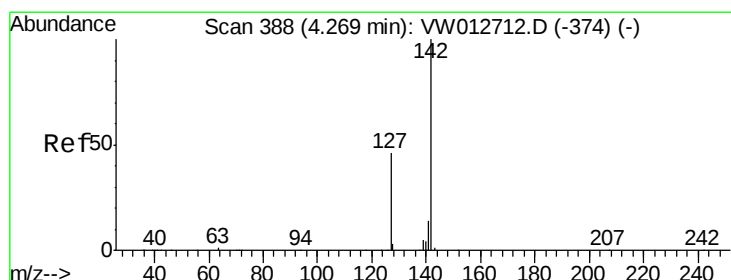
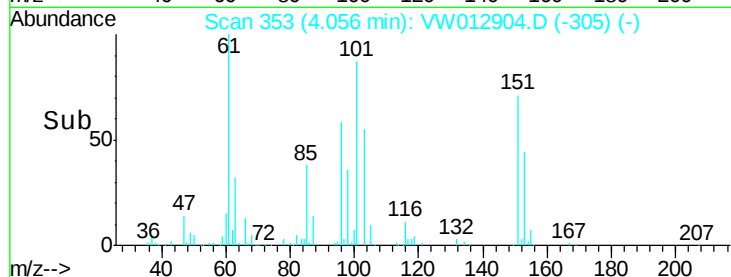
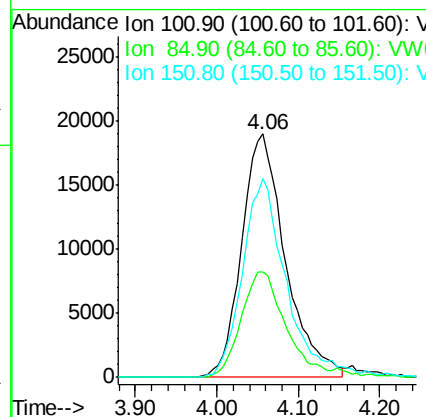
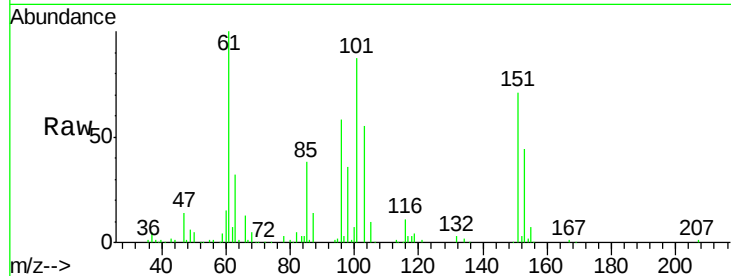
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	70593
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.2	54.2
151	81.9	61.9	92.9

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#10

Methyl Iodide

Concen: 52.151 ug/l

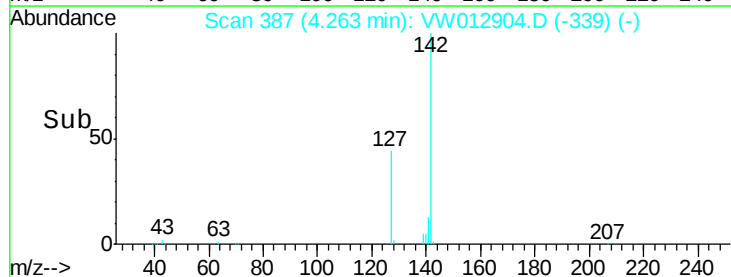
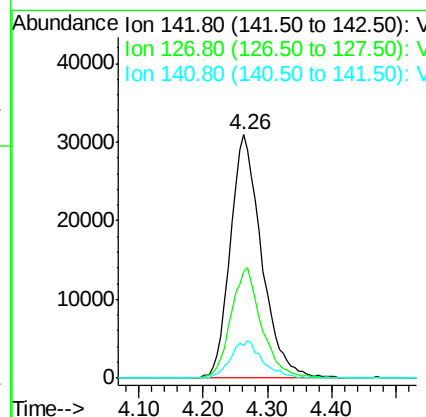
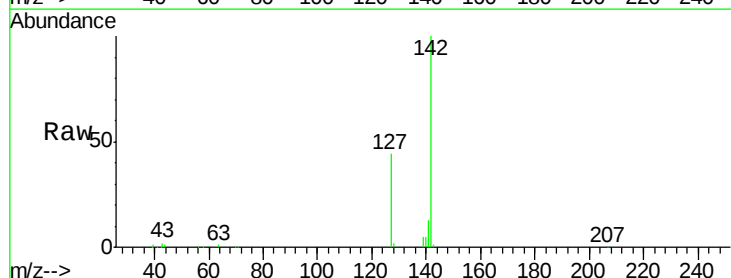
RT: 4.26 min Scan# 387

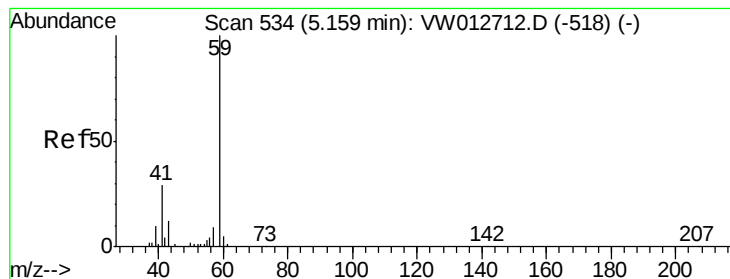
Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion:	142	Resp:	105100
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.0	54.0
141	15.5	12.2	18.4





#11

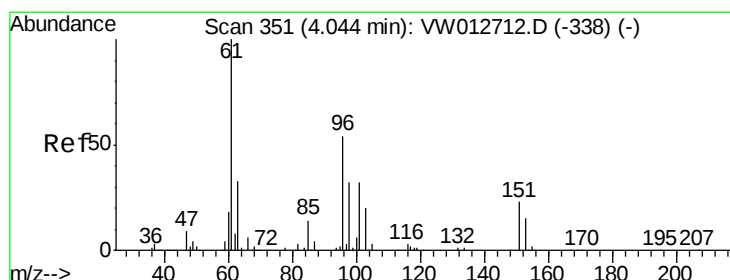
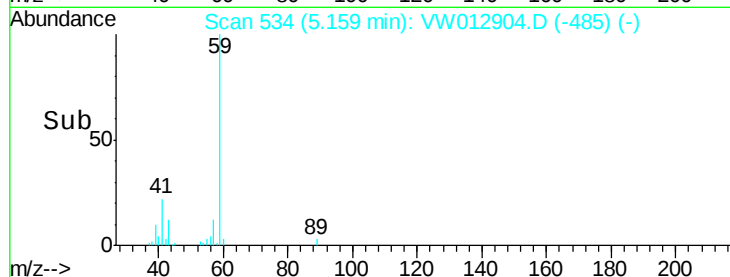
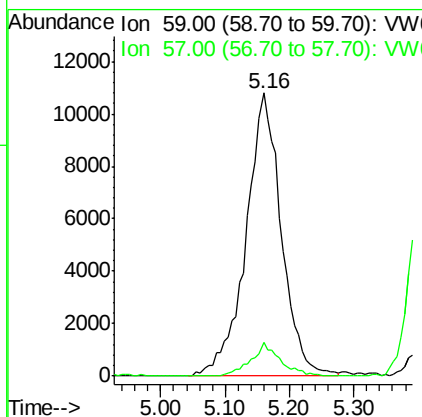
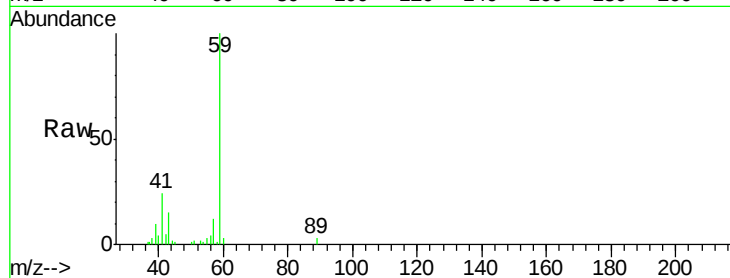
Tert butyl alcohol
 Concen: 261.151 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	40854
Ion Ratio	100	Lower	Upper
57	9.8	8.2	12.4

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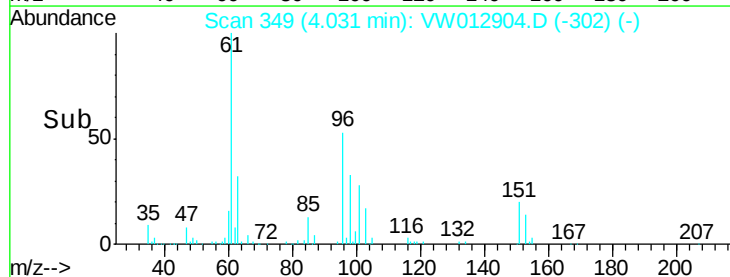
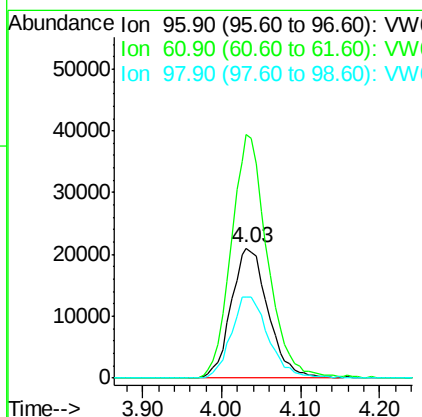
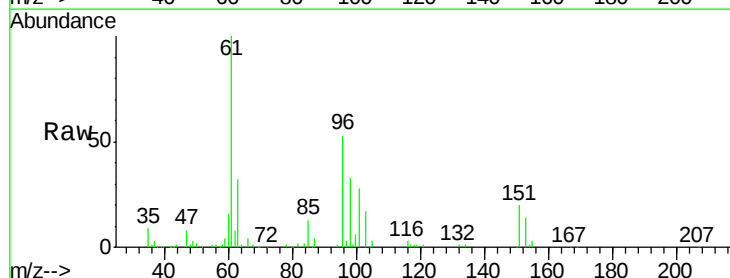
MMDadoda
 9/11/2019 9:26:16 AM

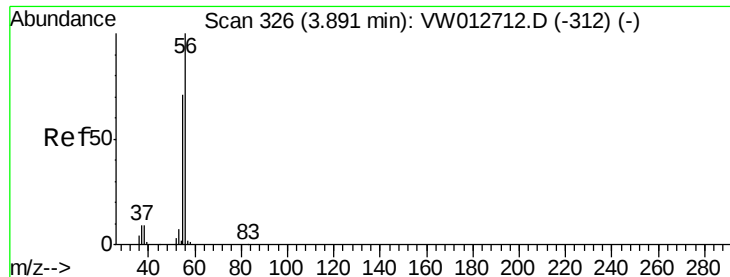


#12

1,1-Dichloroethene
 Concen: 45.351 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	96	Resp	68535
Ion Ratio	100	Lower	Upper
61	187.2	147.8	221.6
98	62.4	47.9	71.9





#13

Acrolein

Concen: 162.388 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 26958

Ion Ratio Lower Upper

56 100

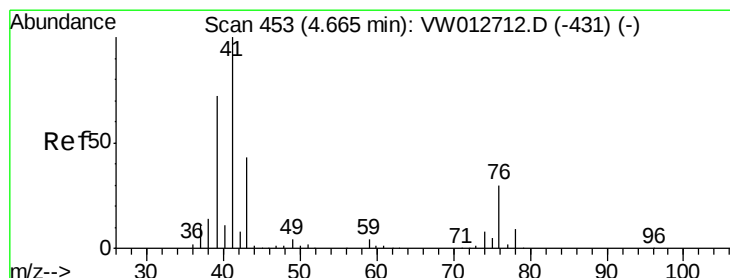
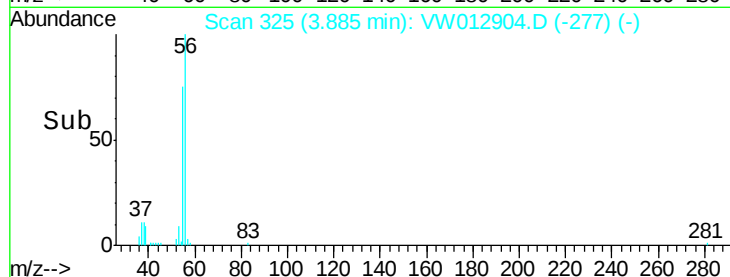
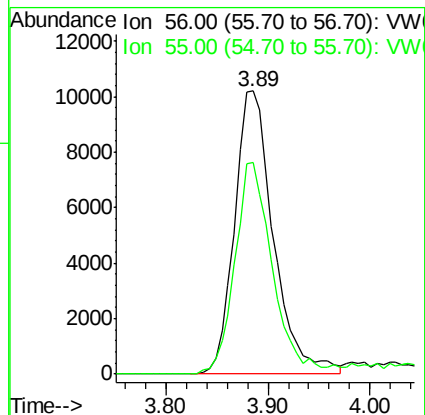
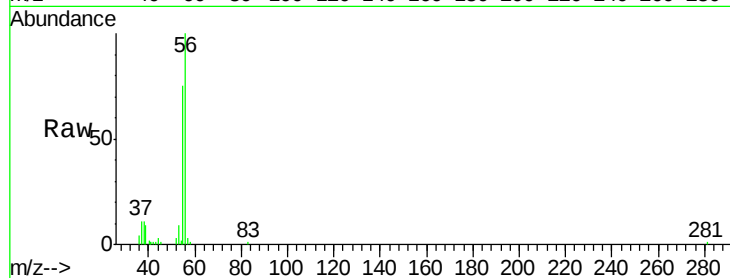
55 72.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 43.556 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

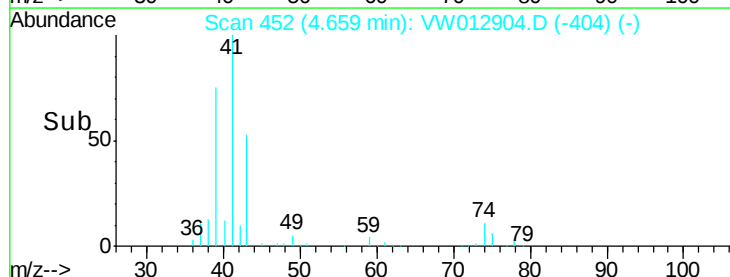
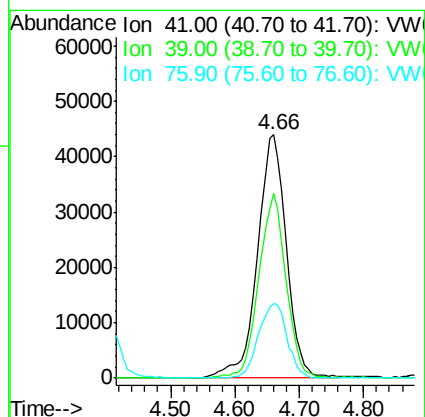
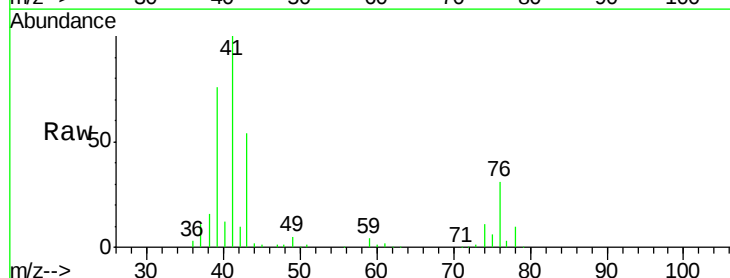
Tgt Ion: 41 Resp: 136163

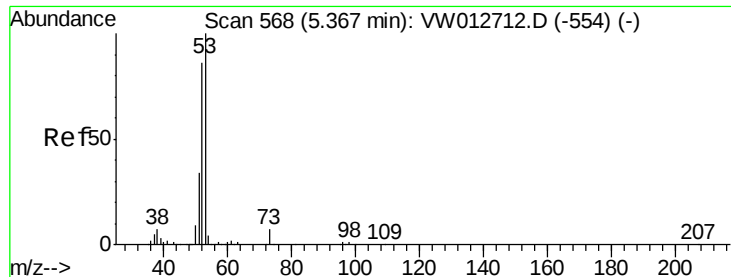
Ion Ratio Lower Upper

41 100

39 71.2 55.0 82.6

76 30.3 23.0 34.4





#15

Acrylonitrile

Concen: 235.264 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

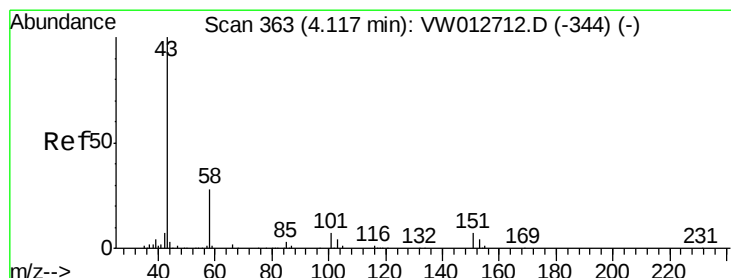
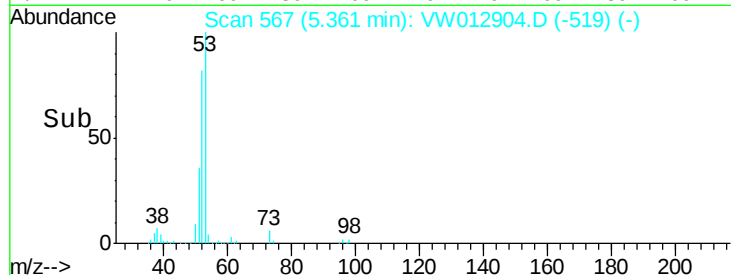
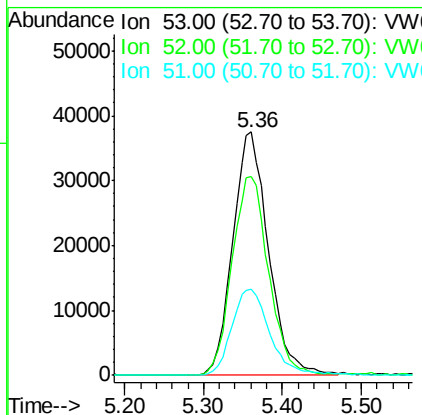
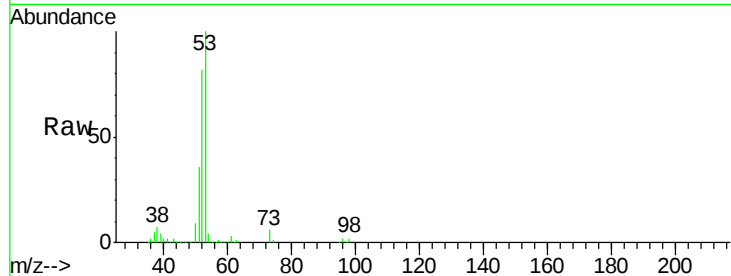
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	117815
Ion Ratio	Lower	Upper	
53	100		
52	83.6	67.0	100.4
51	38.1	29.8	44.8

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#16

Acetone

Concen: 180.354 ug/l

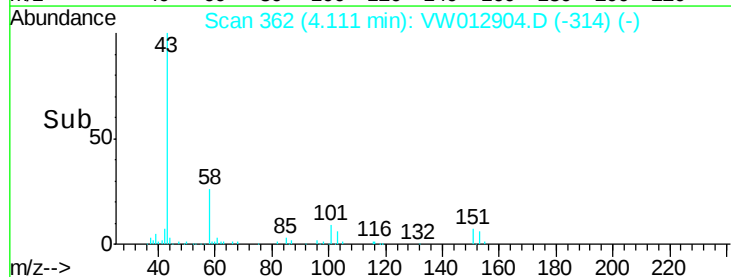
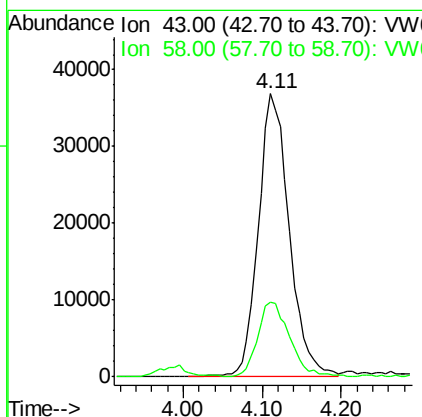
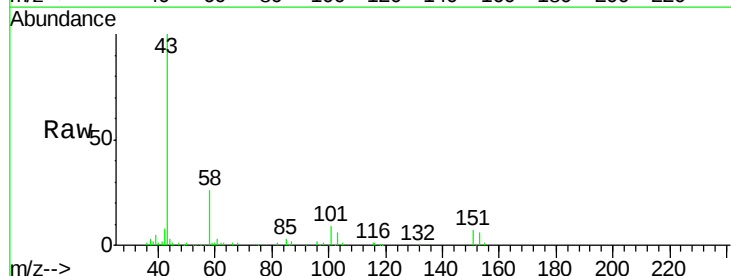
RT: 4.11 min Scan# 362

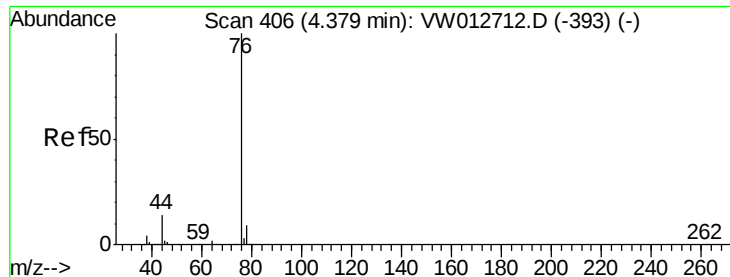
Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion:	43	Resp:	100532
Ion Ratio	Lower	Upper	
43	100		
58	25.9	22.6	33.8





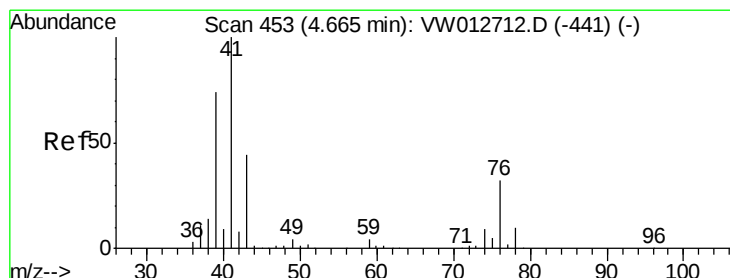
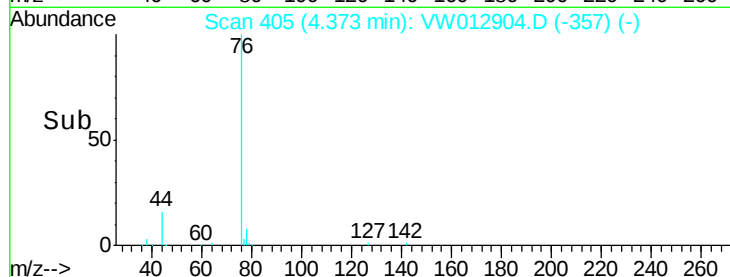
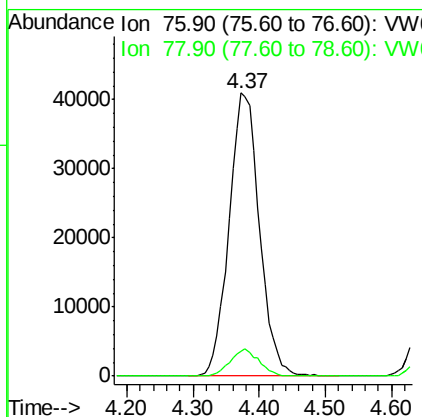
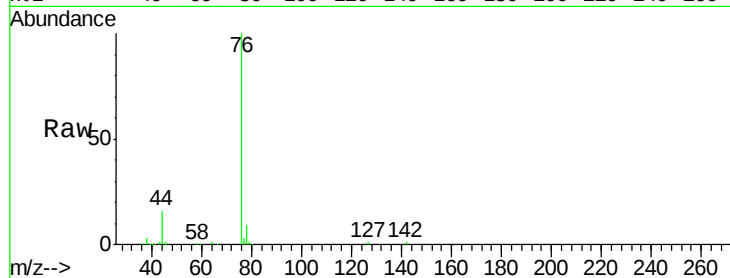
#17
Carbon Disulfide
Concen: 40.686 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

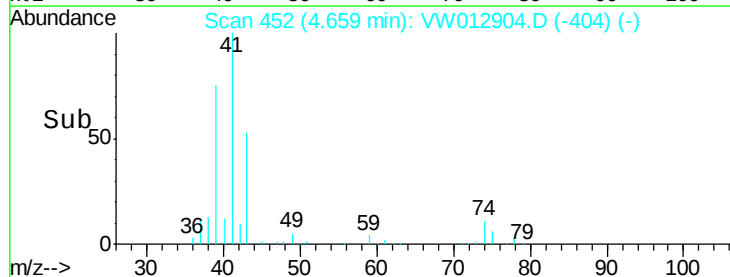
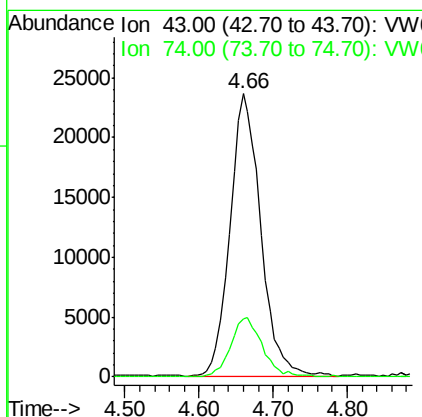
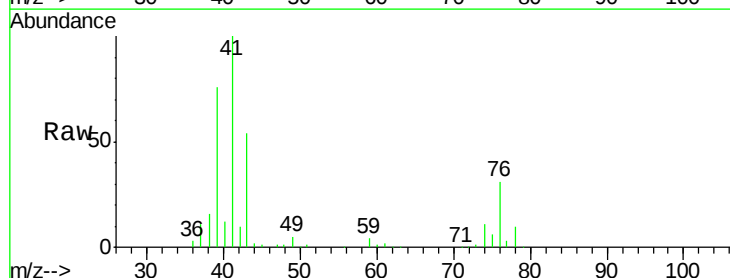
Manual Integrations
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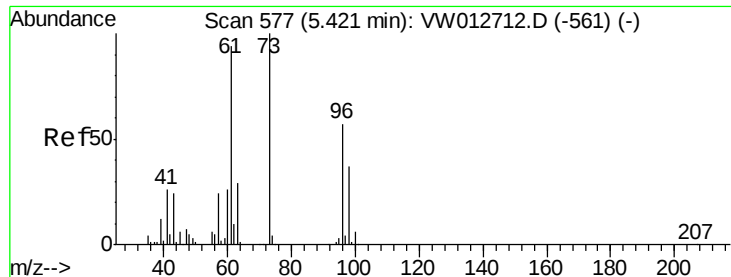
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#18
Methyl Acetate
Concen: 52.097 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	15.8	23.6





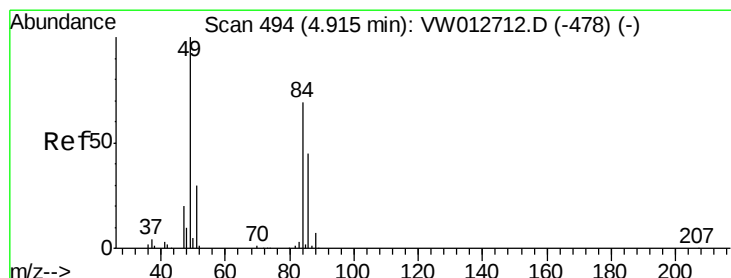
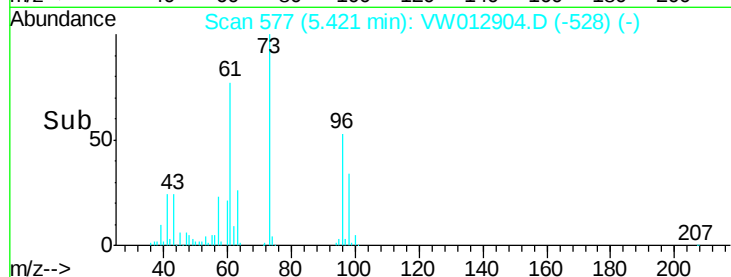
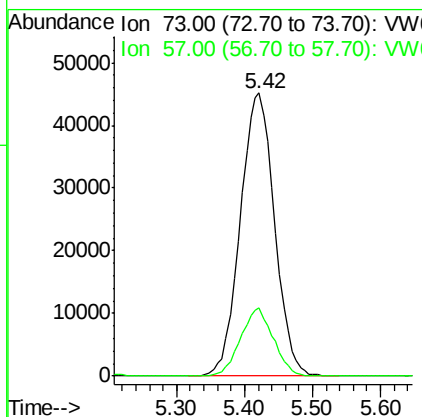
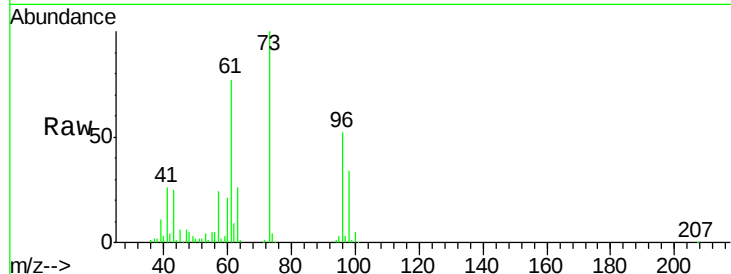
#19
Methyl tert-butyl Ether
Concen: 52.767 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.2	28.8

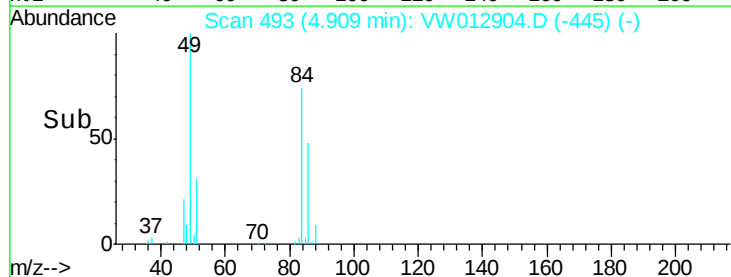
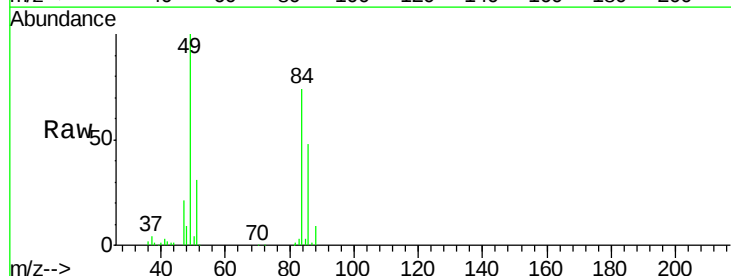
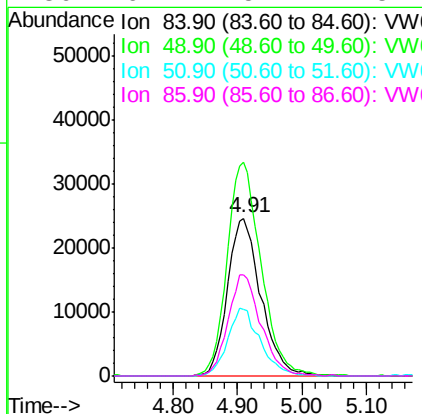
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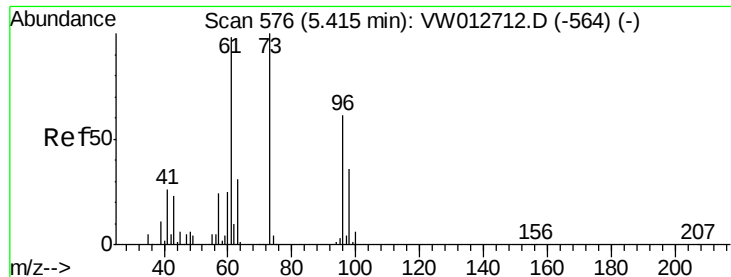
MMDadoda
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#20
Methylene Chloride
Concen: 51.343 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.2	115.4	173.0
51	41.8	34.9	52.3
86	64.4	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 49.551 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

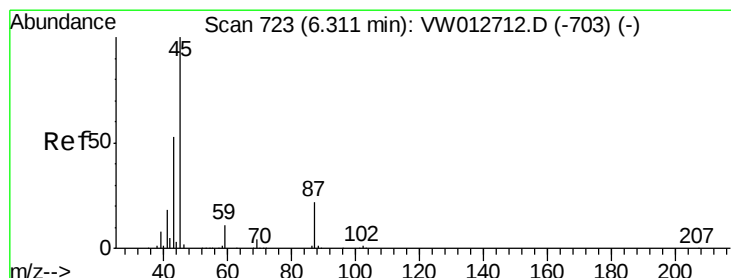
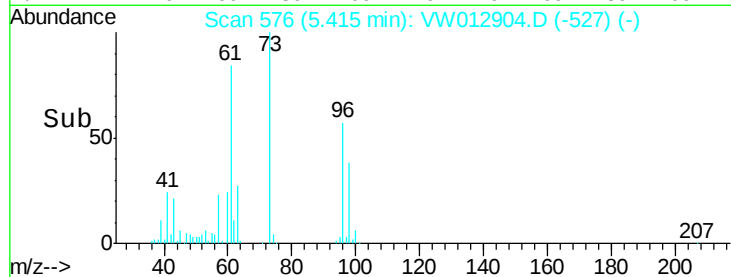
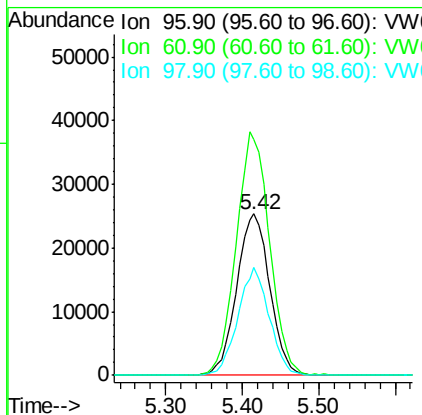
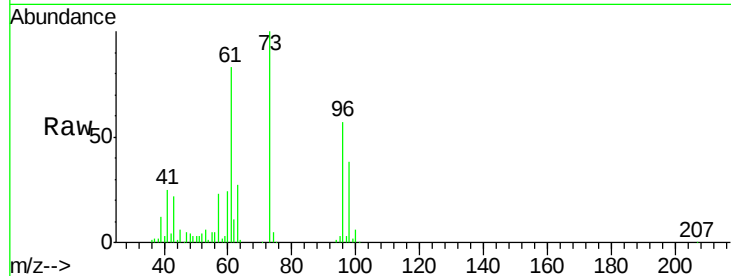
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	76407
Ion	Ratio	Lower	Upper
96	100		
61	146.2	129.2	193.8
98	66.4	48.0	72.0

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#22

Diisopropyl ether

Concen: 51.826 ug/l

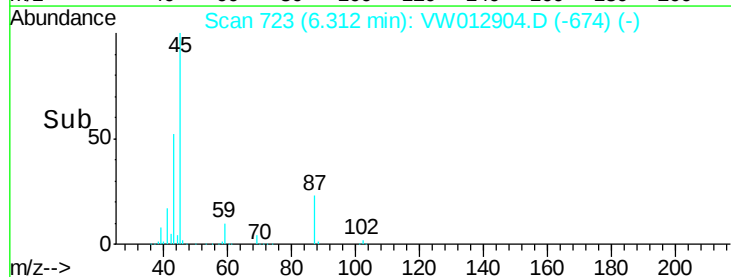
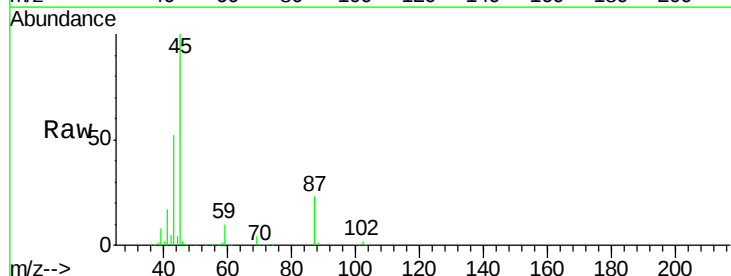
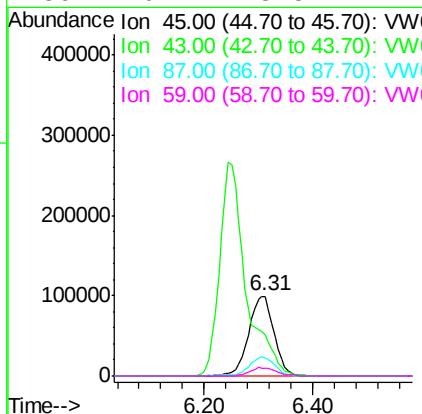
RT: 6.31 min Scan# 723

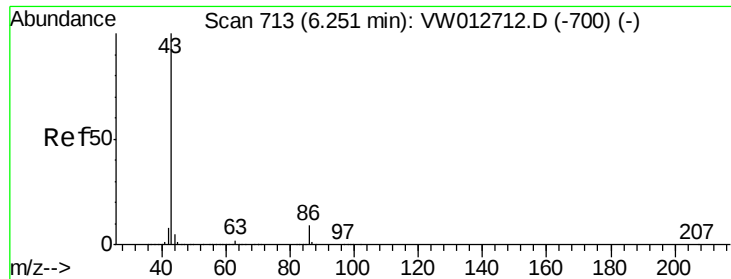
Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion:	45	Resp:	321336
Ion	Ratio	Lower	Upper
45	100		
43	51.9	42.3	63.5
87	22.5	18.2	27.2
59	10.1	8.5	12.7





#23

Vinyl Acetate

Concen: 227.215 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 892823

Ion Ratio Lower Upper

43 100

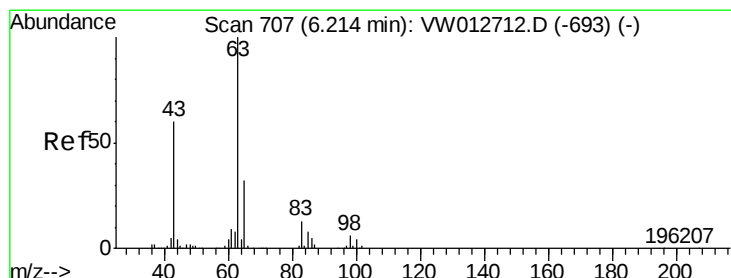
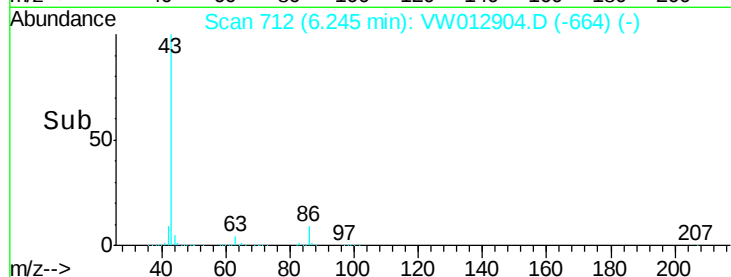
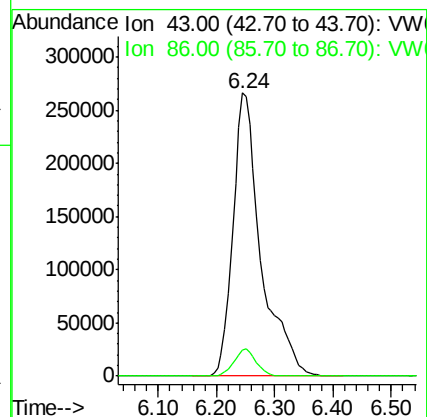
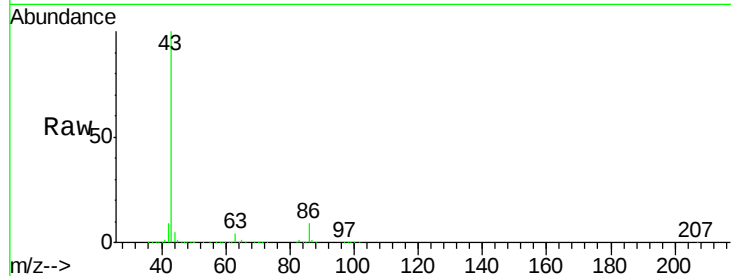
86 9.0 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 50.691 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

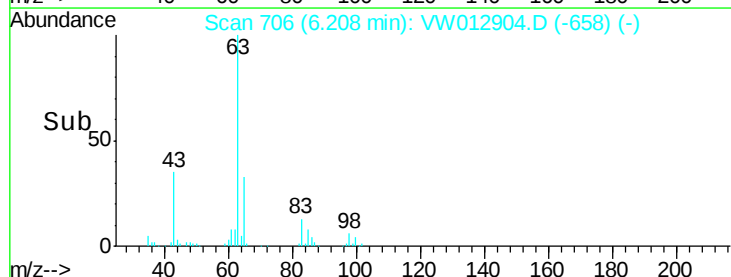
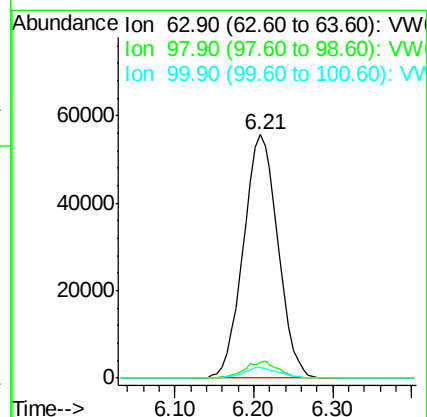
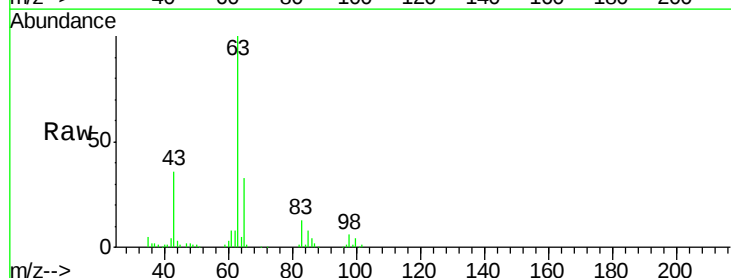
Tgt Ion: 63 Resp: 169233

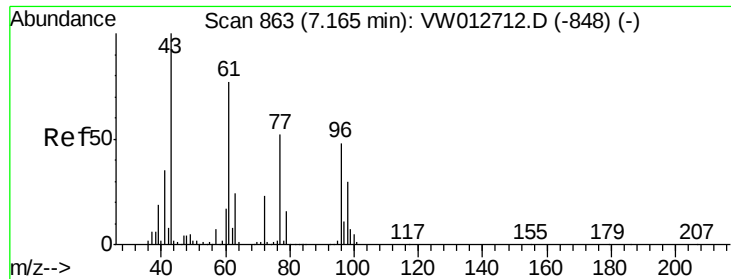
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.3

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 196.260 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 157310

Ion Ratio Lower Upper

43 100

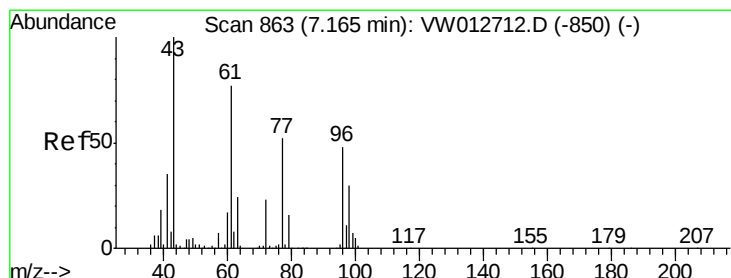
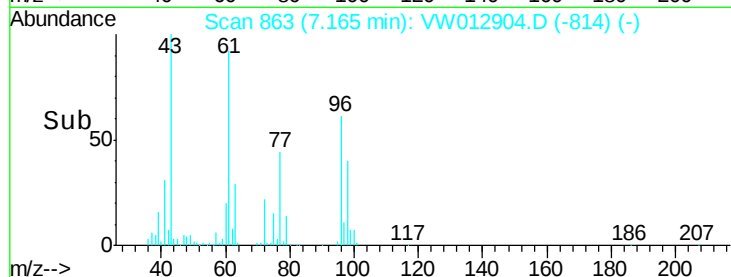
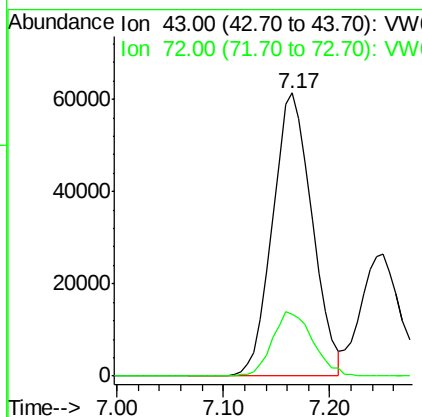
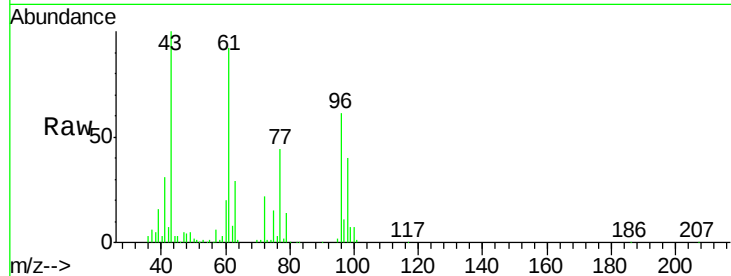
72 22.1 18.0 27.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.903 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012904.D

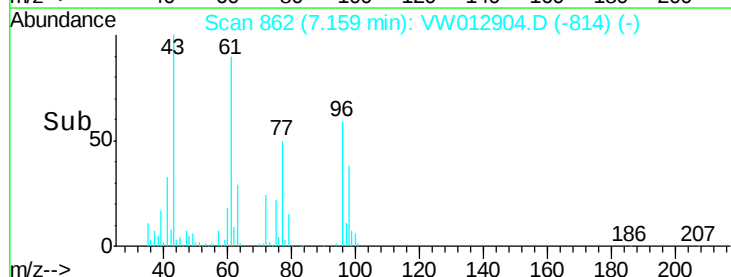
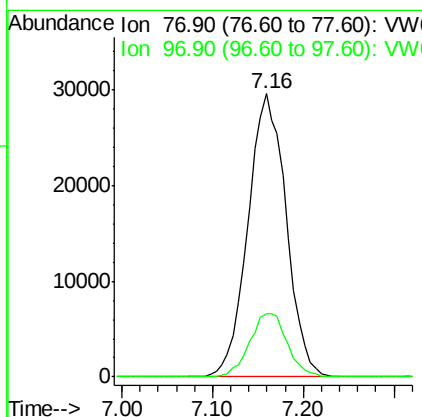
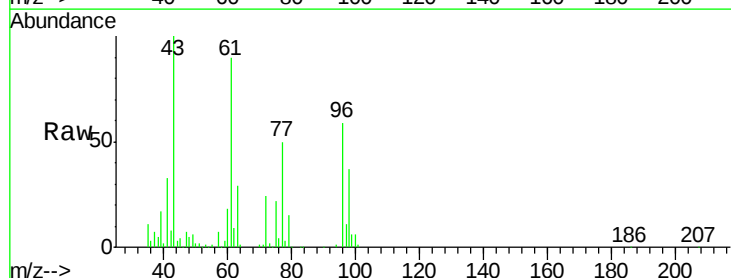
Acq: 11 Sep 2019 07:30

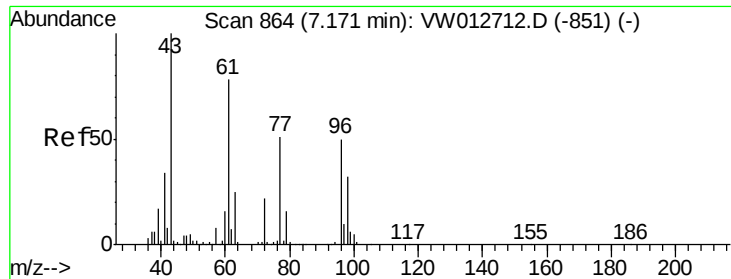
Tgt Ion: 77 Resp: 86247

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1





#27

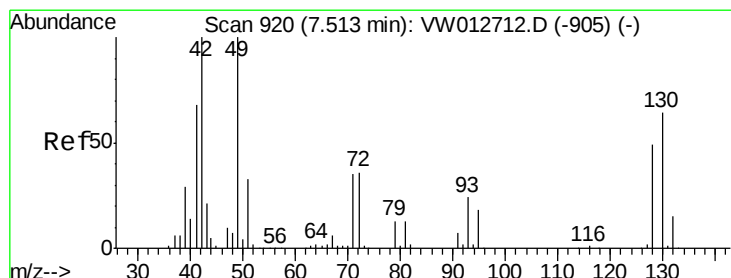
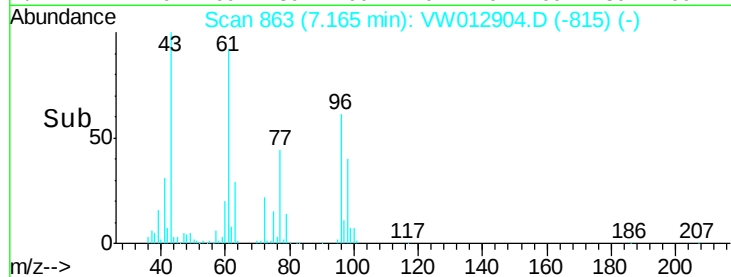
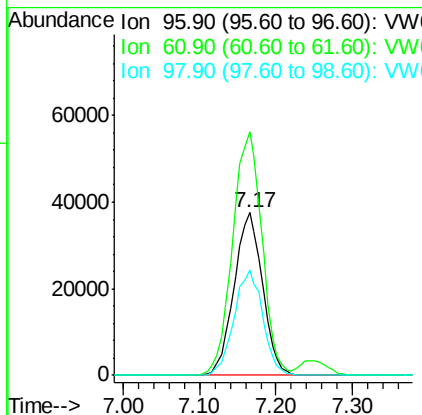
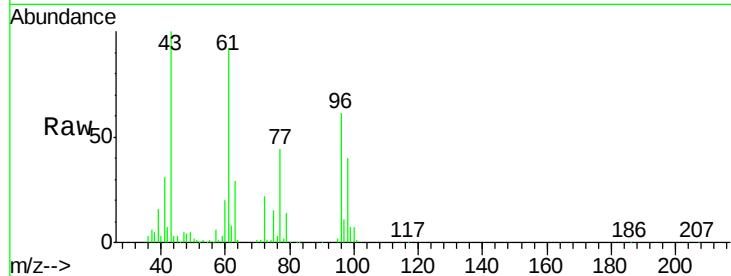
cis-1,2-Dichloroethene
 Concen: 54.360 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	325.8
98	64.8	0.0	127.0

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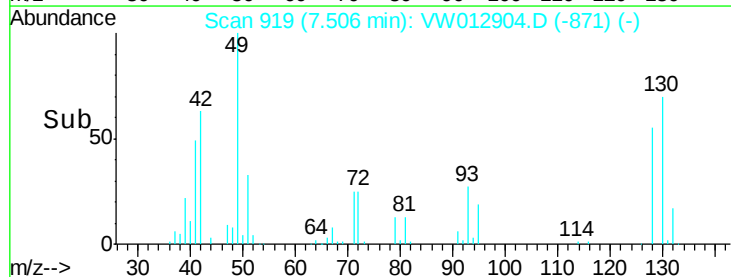
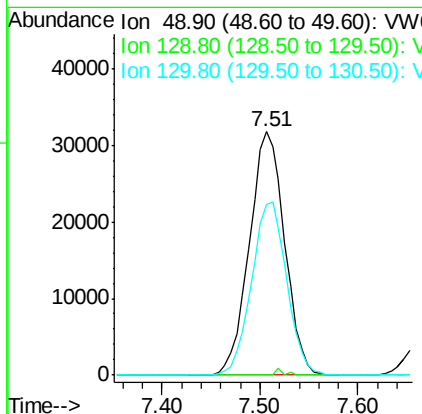
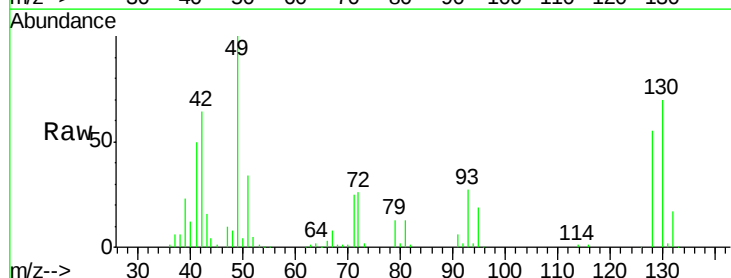
MMDadoda
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#28

Bromochloromethane
 Concen: 51.888 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	0.8
130	70.5	49.8	74.8





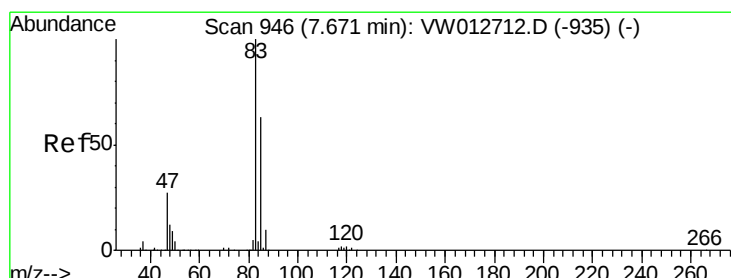
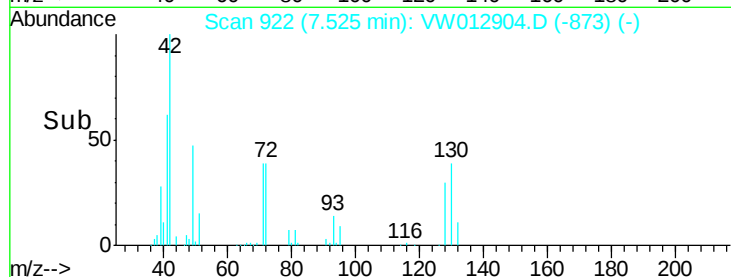
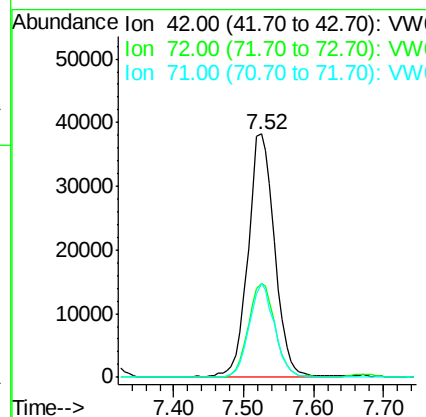
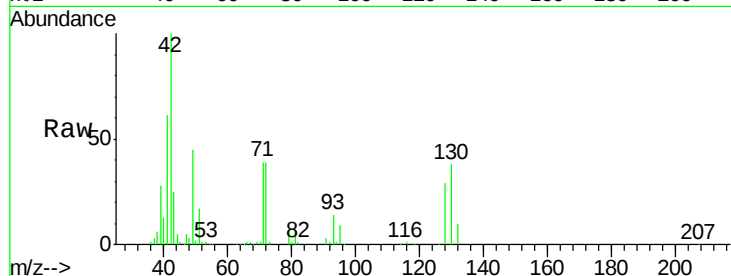
#29
Tetrahydrofuran
Concen: 224.708 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	28.4	42.6
71	36.5	27.1	40.7

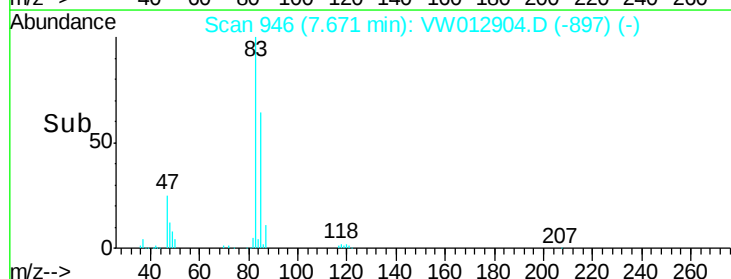
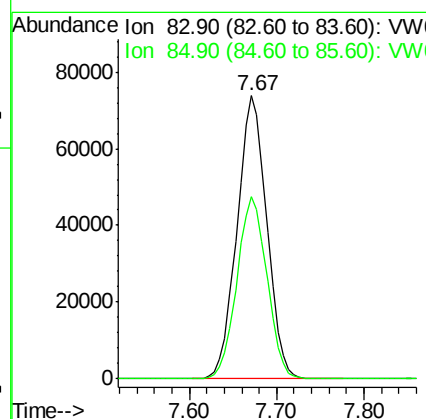
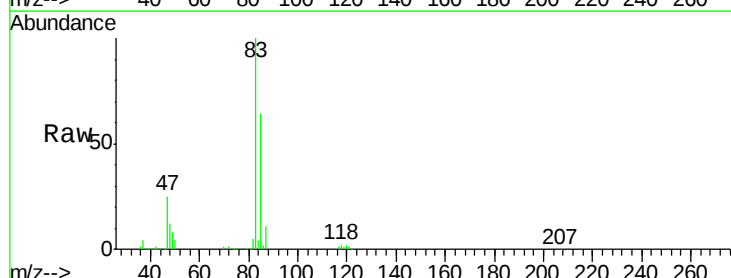
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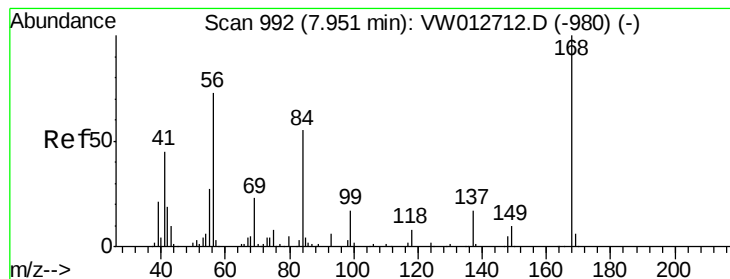
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#30
Chloroform
Concen: 52.718 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	76.0





#31

Cyclohexane

Concen: 39.130 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

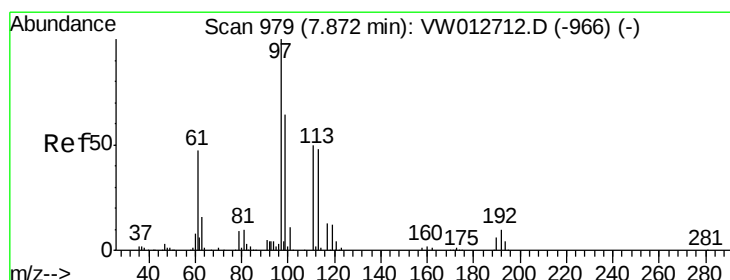
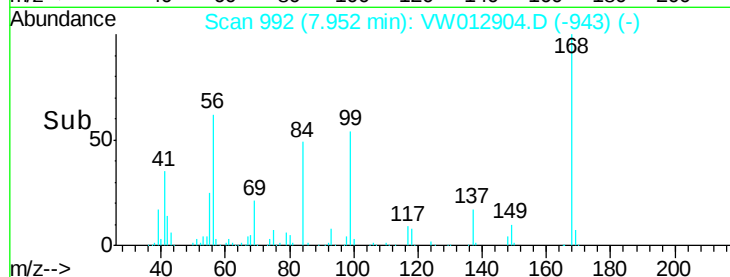
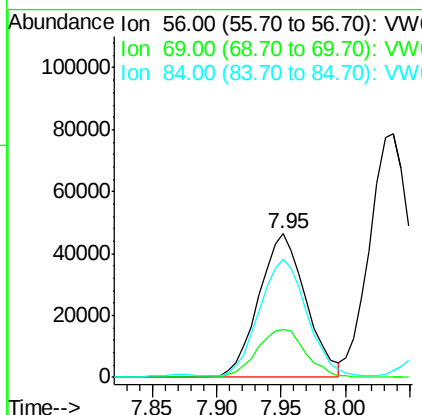
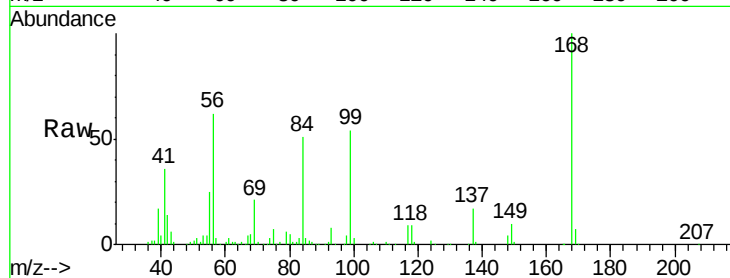
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	117607
Ion Ratio		Lower	Upper
56	100		
69	33.4	25.7	38.5
84	80.8	60.4	90.6

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#32

1,1,1-Trichloroethane

Concen: 50.141 ug/l

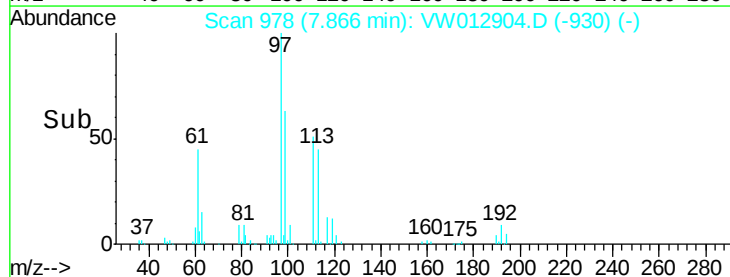
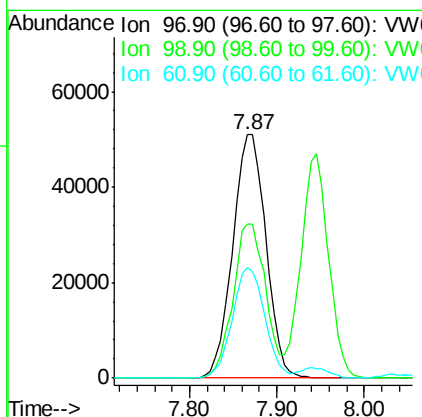
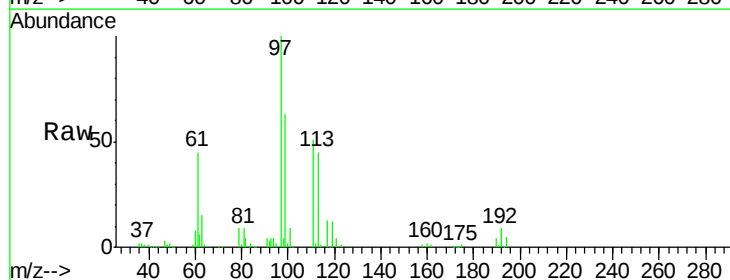
RT: 7.87 min Scan# 978

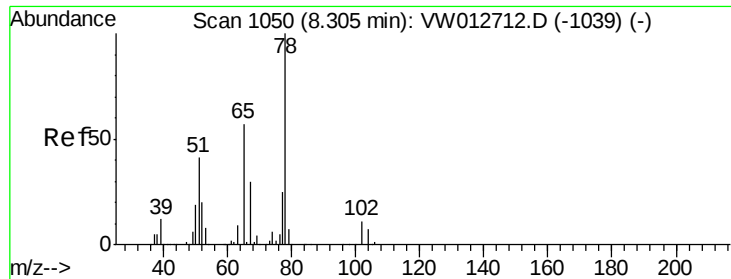
Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion:	97	Resp:	134476
Ion Ratio		Lower	Upper
97	100		
99	61.7	51.5	77.3
61	44.6	37.9	56.9





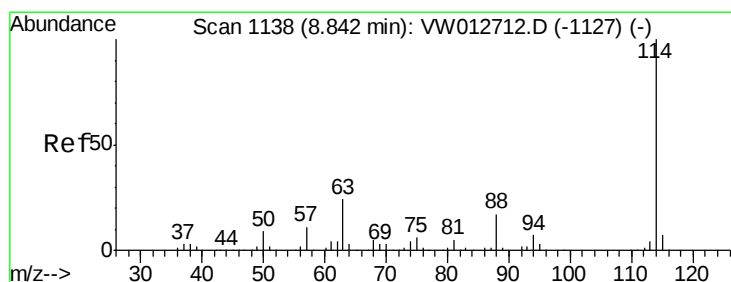
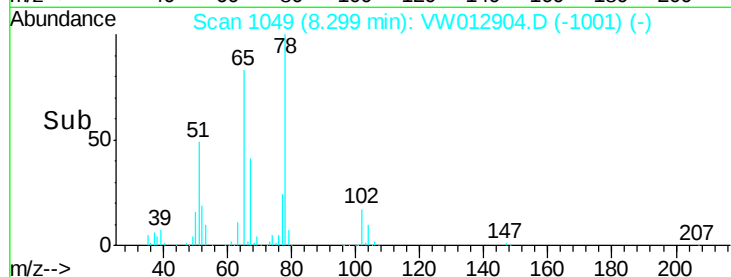
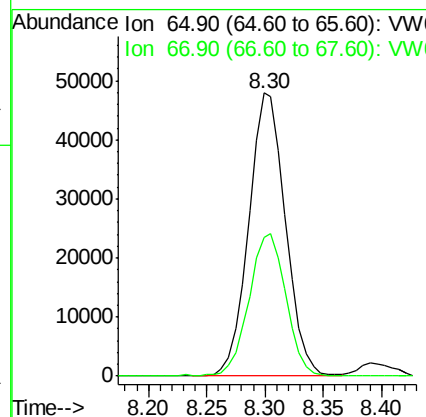
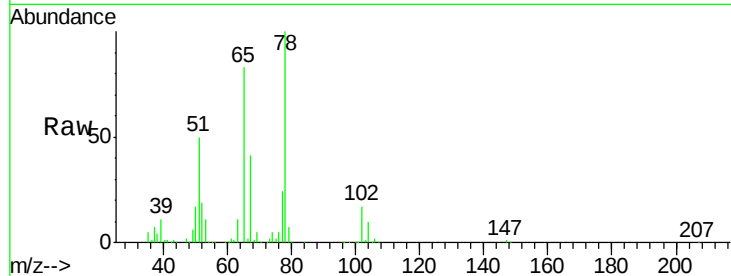
#33
 1,2-Dichloroethane-d4
 Concen: 51.568 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105438		
67	50.9	0.0	101.8	

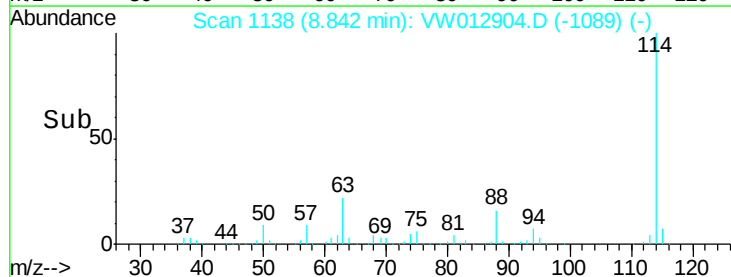
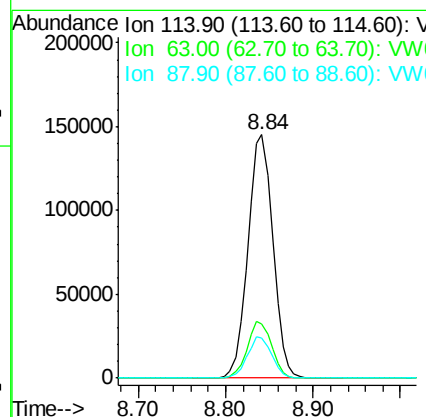
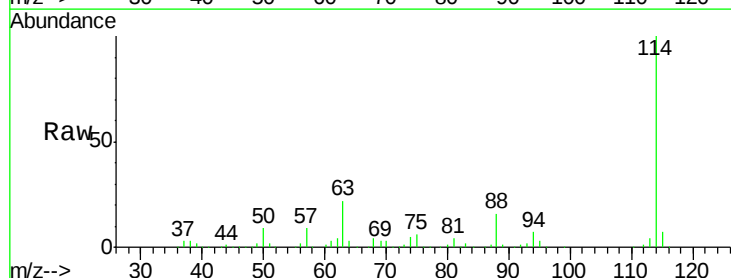
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	286881		
63	22.1	0.0	47.2	
88	16.5	0.0	34.0	





#35

Dibromofluoromethane

Concen: 50.817 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

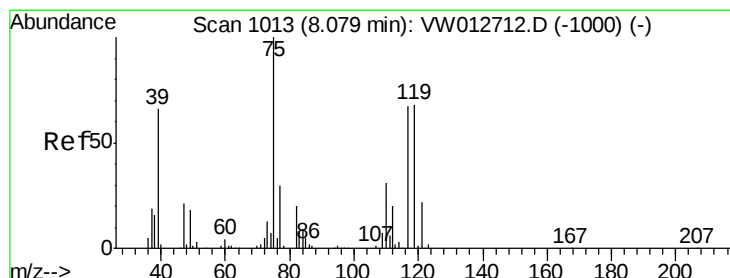
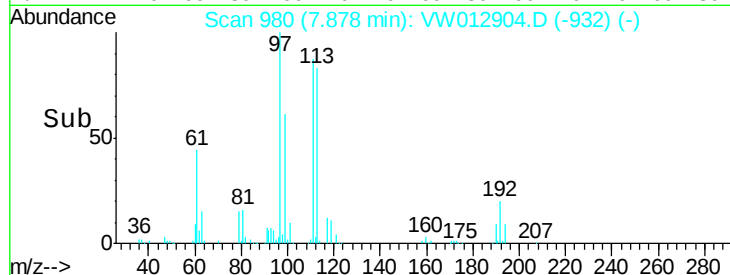
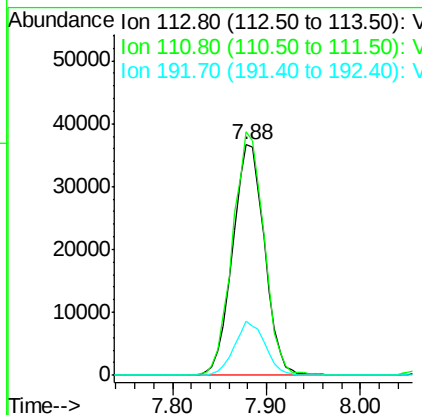
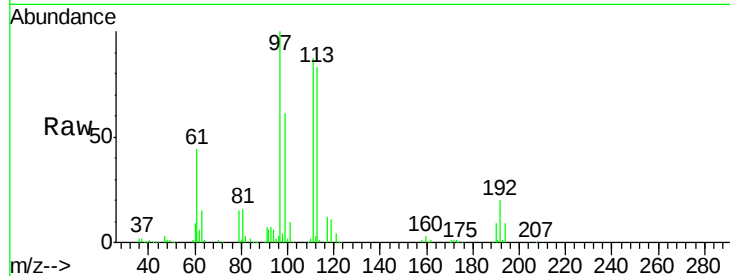
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	86673
Ion Ratio	Lower	Upper	
113	100		
111	104.1	80.2	120.4
192	22.5	17.3	25.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.760 ug/l

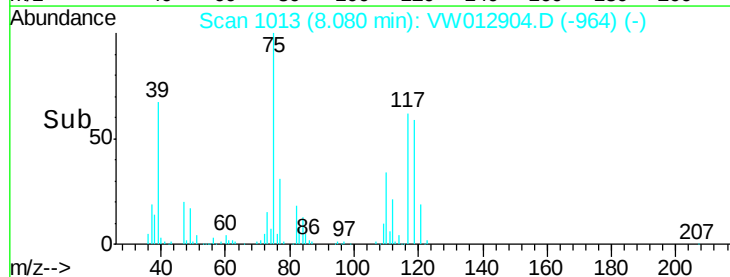
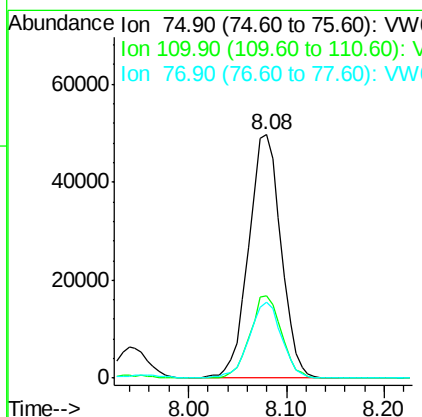
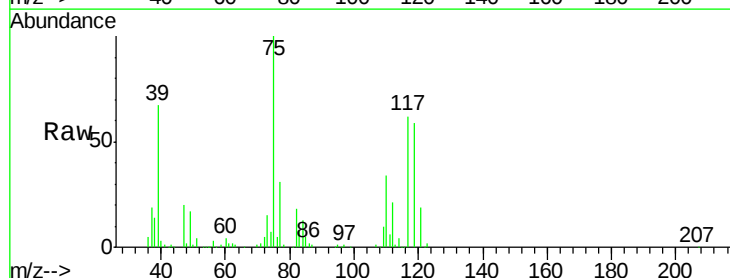
RT: 8.08 min Scan# 1013

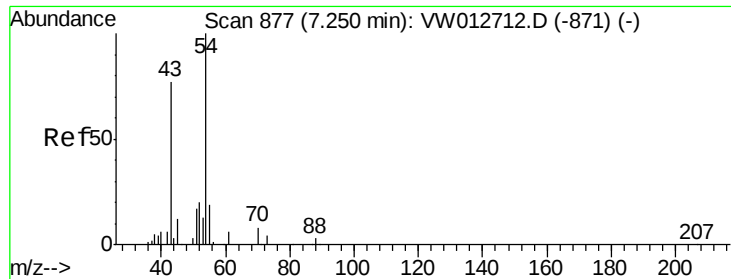
Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion:	75	Resp:	114095
Ion Ratio	Lower	Upper	
75	100		
110	33.0	15.9	47.7
77	31.1	25.0	37.4





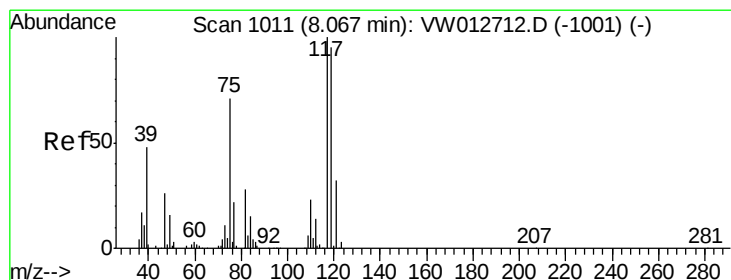
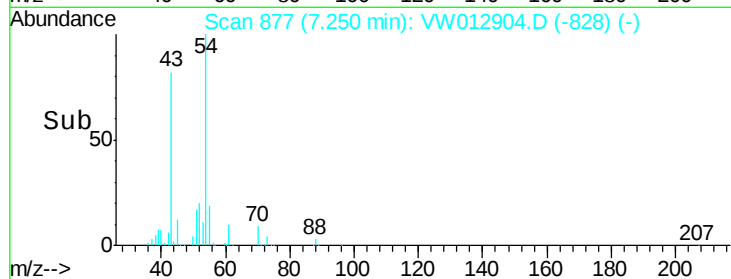
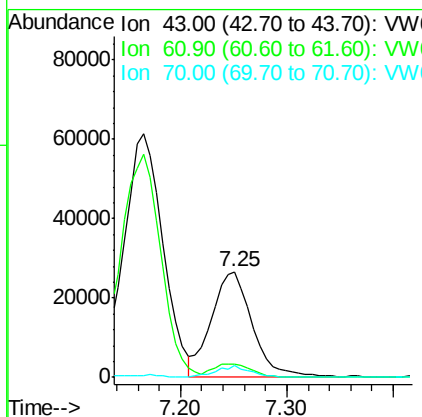
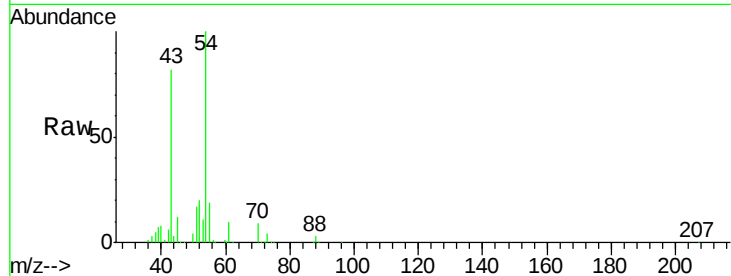
#37
Ethyl Acetate
Concen: 42.935 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.5	14.3
70	9.4	7.0	10.6

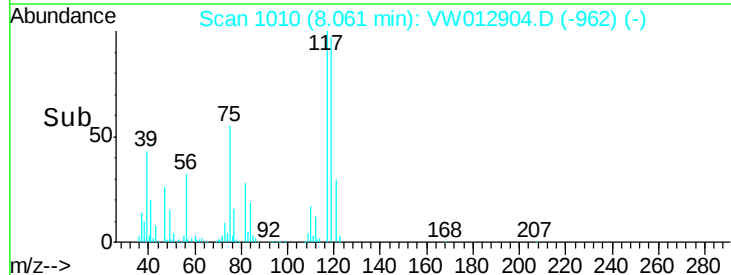
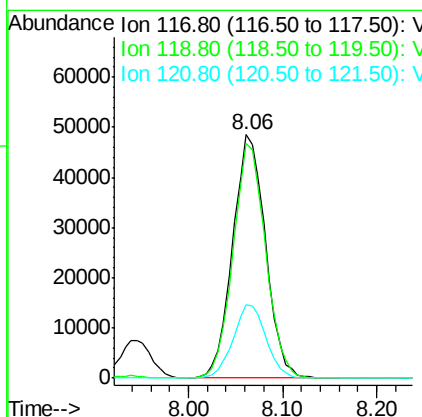
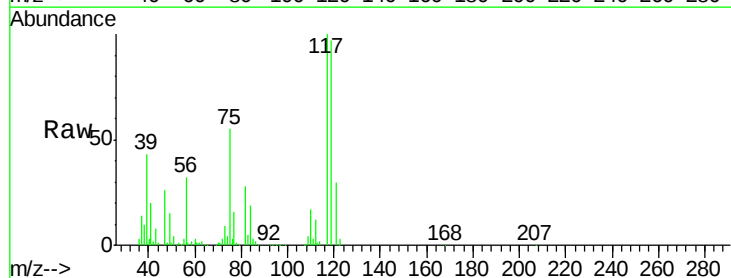
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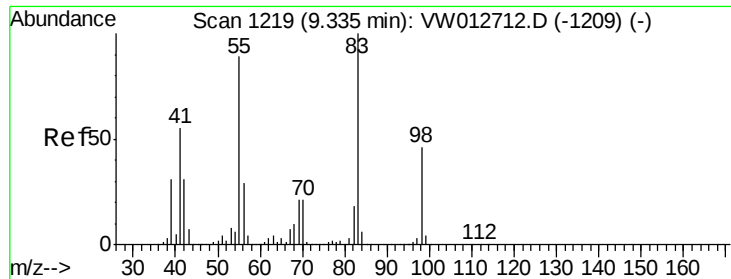
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#38
Carbon Tetrachloride
Concen: 46.943 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.2	114.2
121	30.2	25.4	38.2





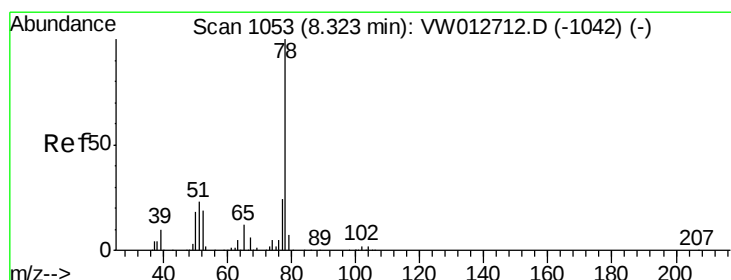
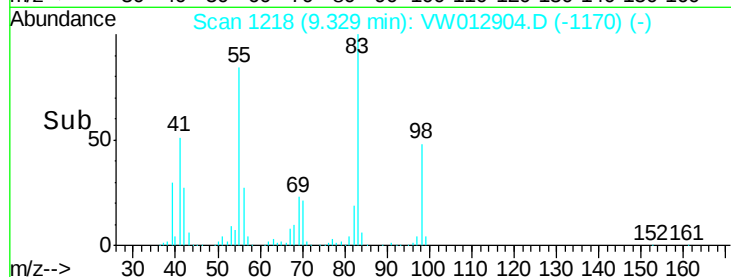
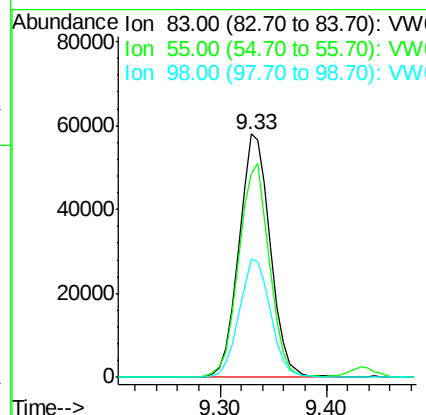
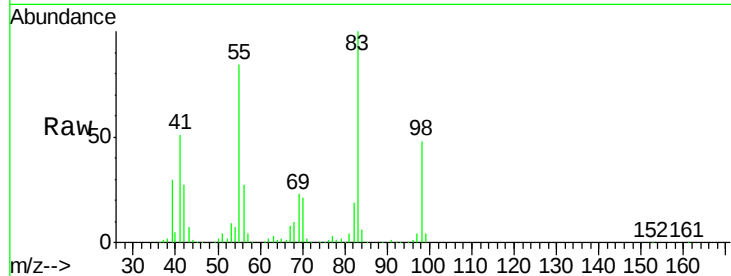
#39
Methvlcvclohexane
Concen: 41.781 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	83.4	71.0	106.4	
98	48.4	36.9	55.3	

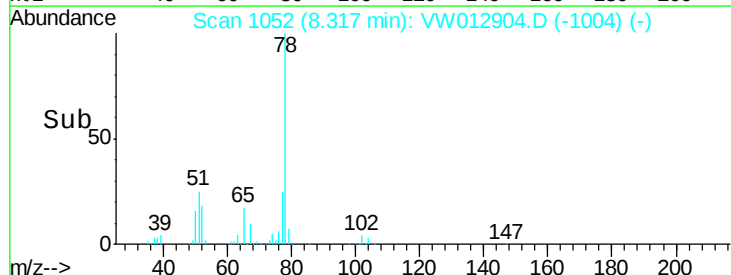
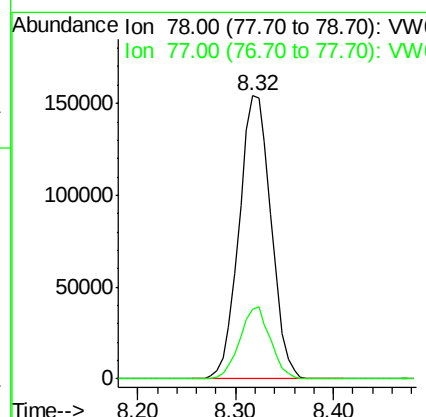
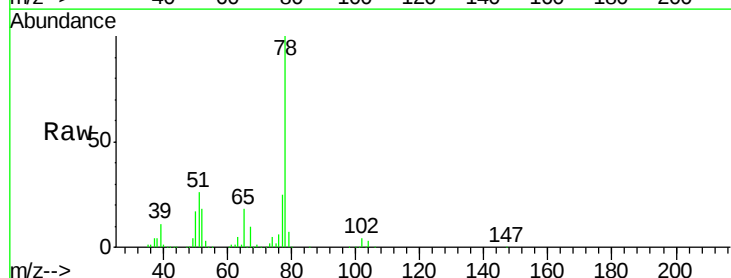
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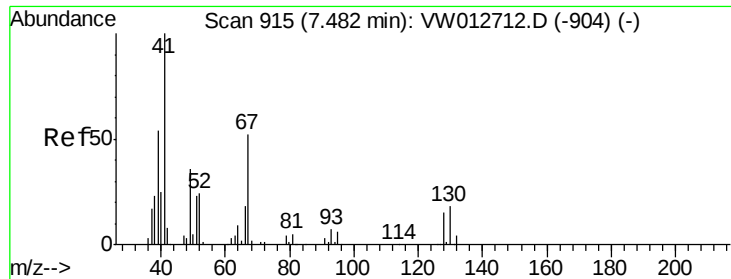
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#40
Benzene
Concen: 49.479 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.8	19.3	28.9	





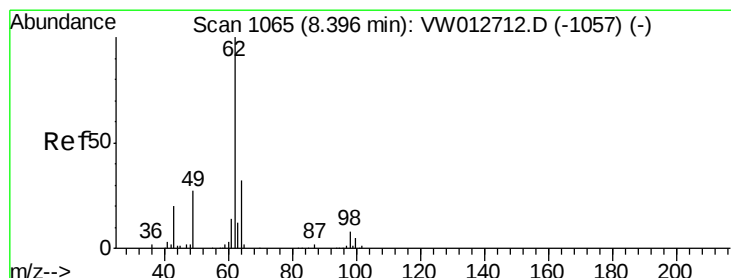
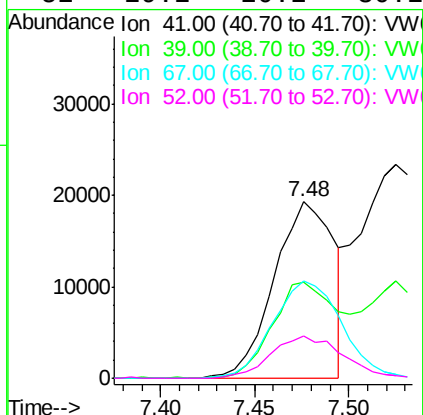
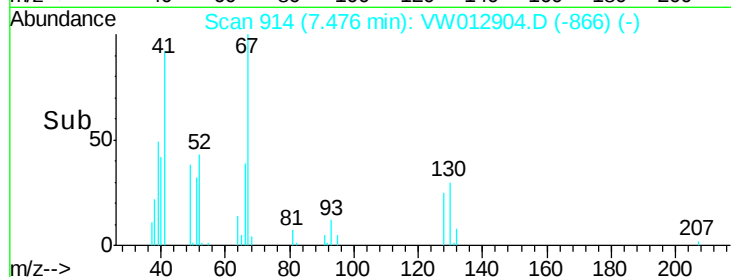
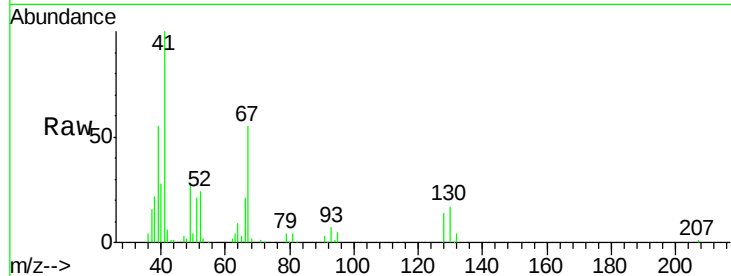
#41
Methacrylonitrile
Concen: 39.369 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050EC

Tot Ion	41	Resp	42510
Ion	Ratio	Lower	Upper
41	100		
39	60.9	47.5	71.3
67	64.1	45.1	67.7
52	29.2	20.2	30.2

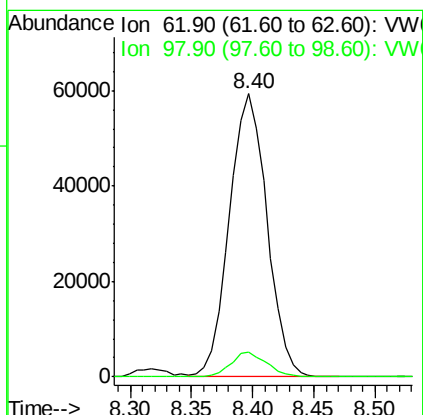
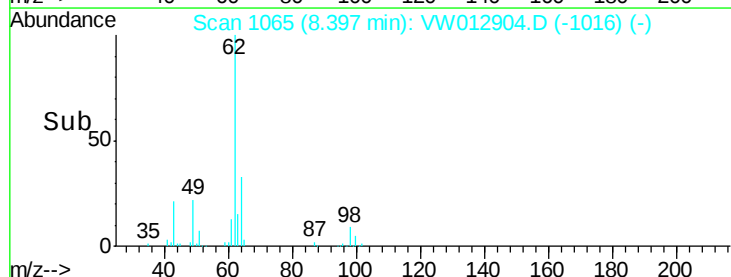
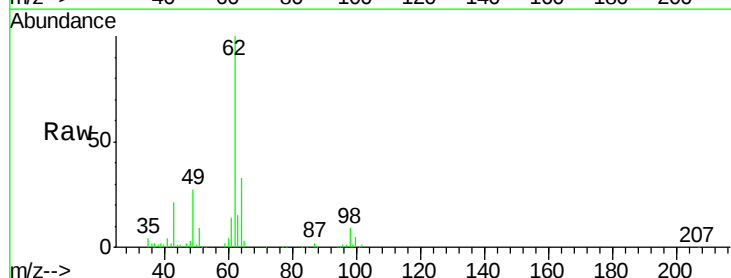
Manual Integrations
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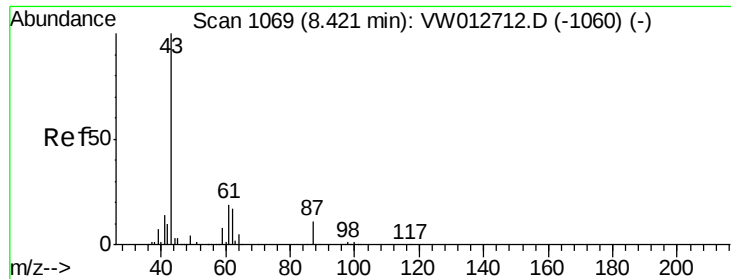
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.804 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	62	Resp	126451
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.2





#43

Isopropyl Acetate

Concen: 44.497 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

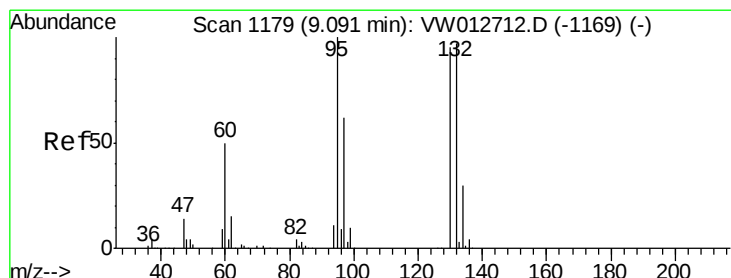
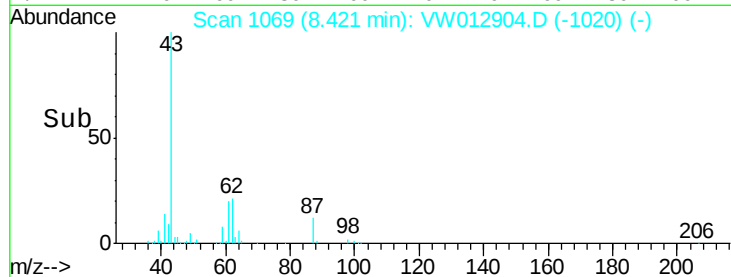
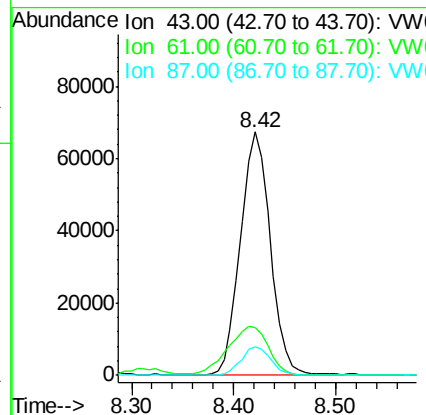
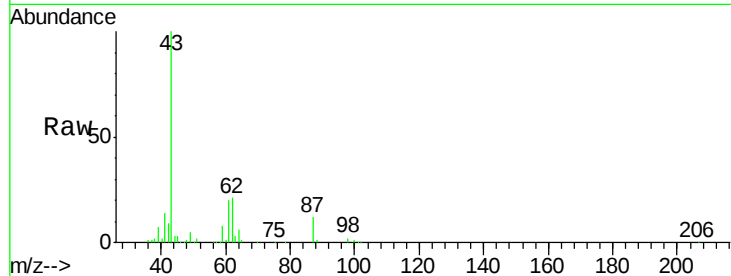
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	136984
Ion	Ratio	Lower	Upper
43	100		
61	27.5	20.6	30.8
87	11.6	8.6	13.0

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#44

Trichloroethene

Concen: 50.611 ug/l

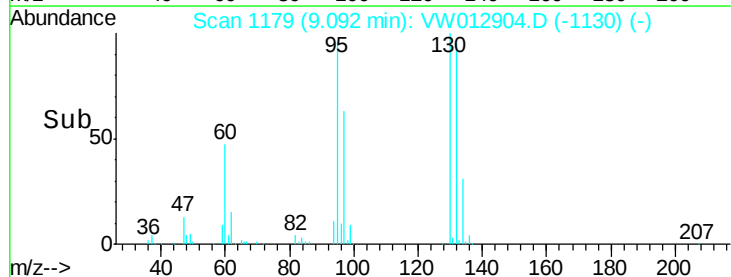
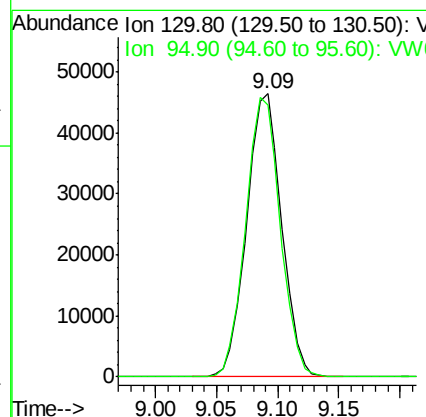
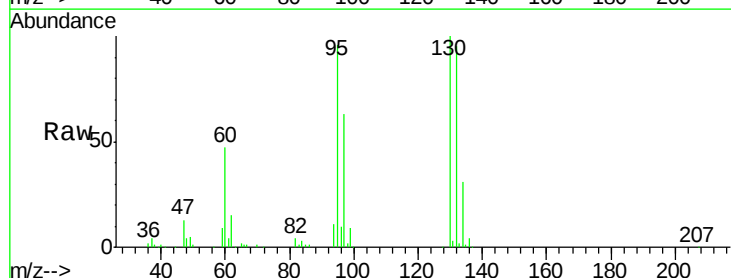
RT: 9.09 min Scan# 1179

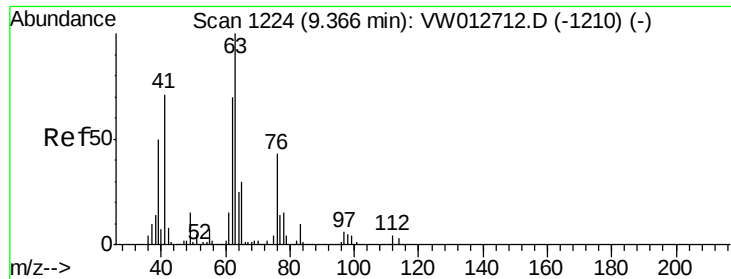
Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion:	130	Resp:	92265
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	210.6





#45

1,2-Dichloropropane

Concen: 49.797 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 97678

Ion Ratio Lower Upper

63 100

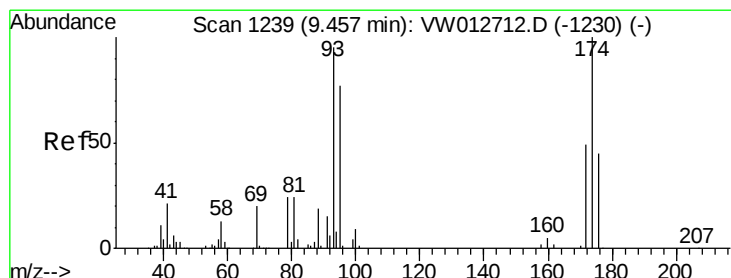
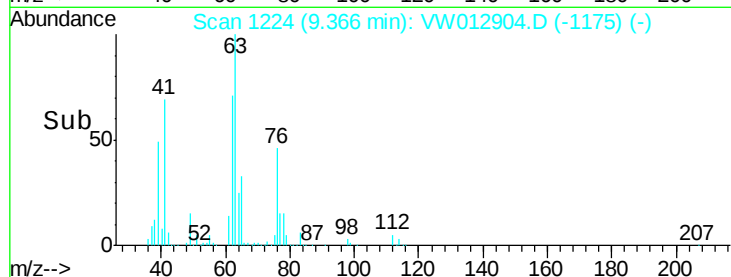
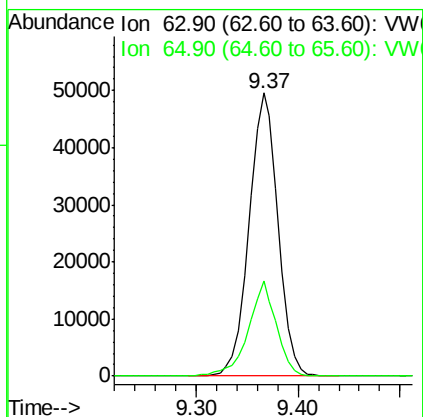
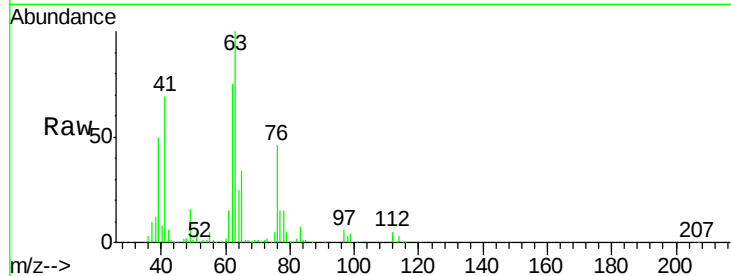
65 33.7 23.8 35.8

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#46

Dibromomethane

Concen: 51.454 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

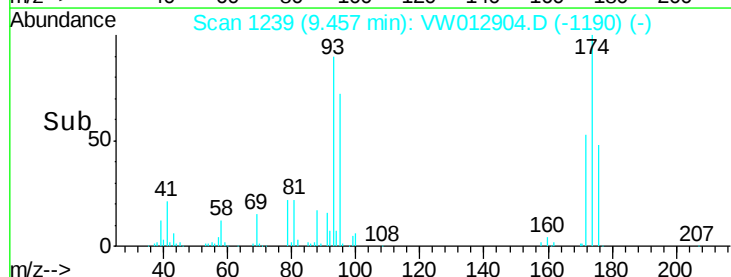
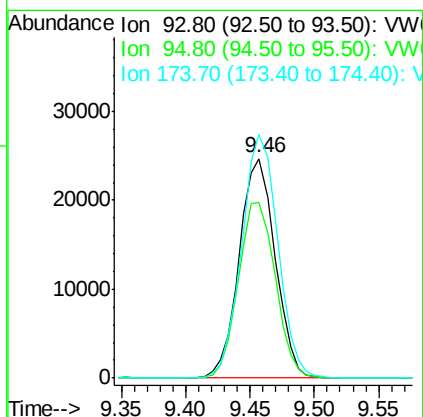
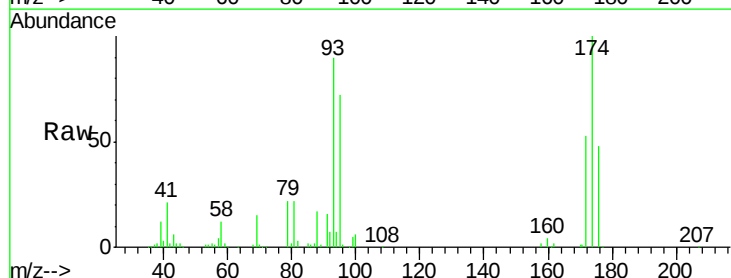
Tgt Ion: 93 Resp: 47793

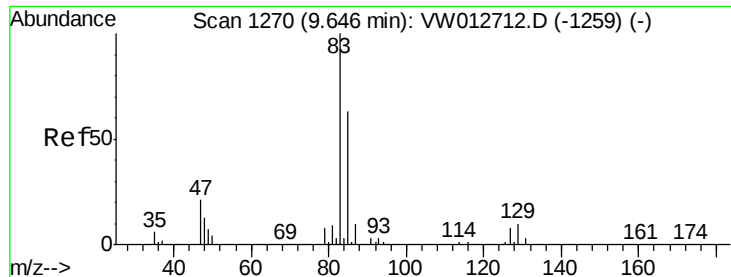
Ion Ratio Lower Upper

93 100

95 82.6 65.2 97.8

174 111.2 84.2 126.4





#47

Bromodichloromethane

Concen: 51.951 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

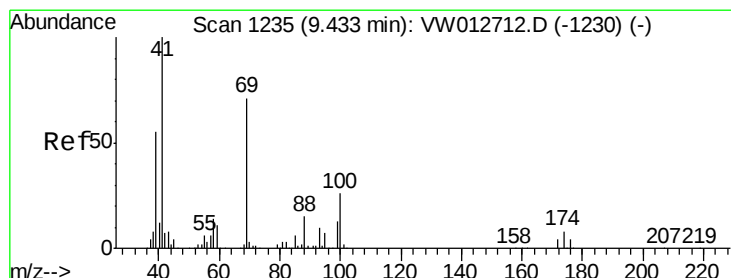
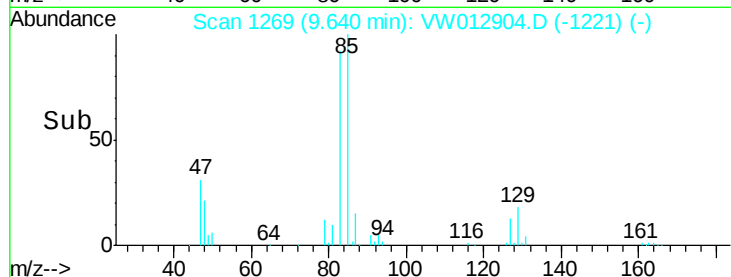
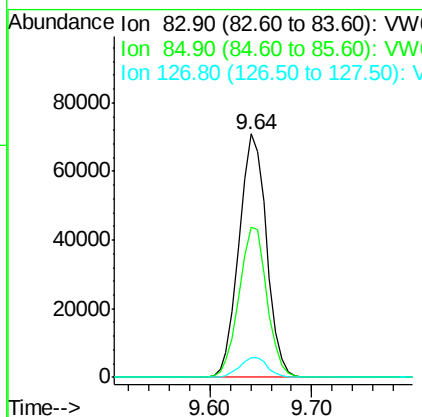
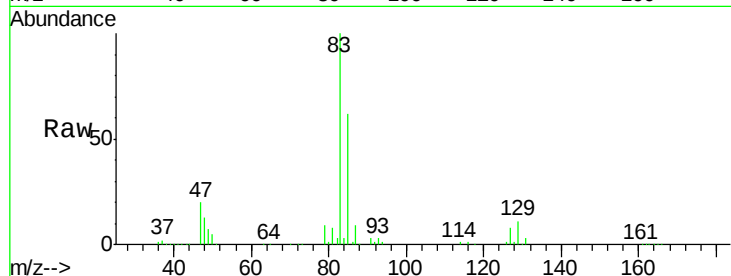
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	132759
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.2	75.2
127	8.0	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.786 ug/l

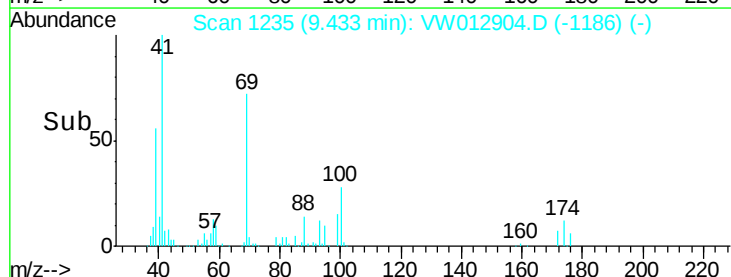
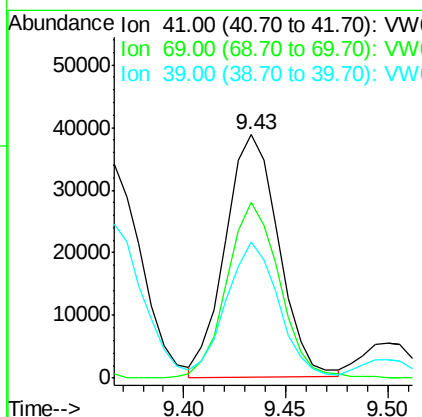
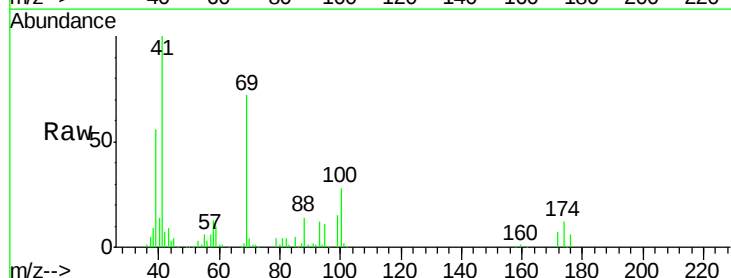
RT: 9.43 min Scan# 1235

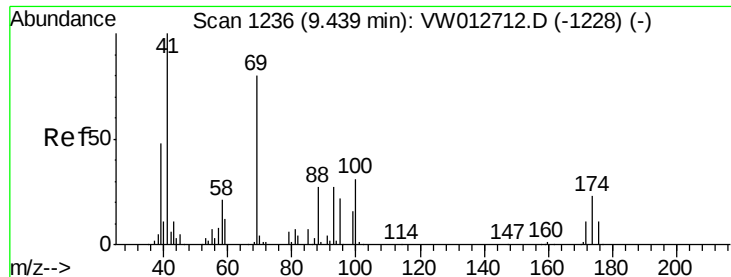
Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion:	41	Resp:	70302
Ion	Ratio	Lower	Upper
41	100		
69	71.7	59.8	89.8
39	55.4	47.0	70.6





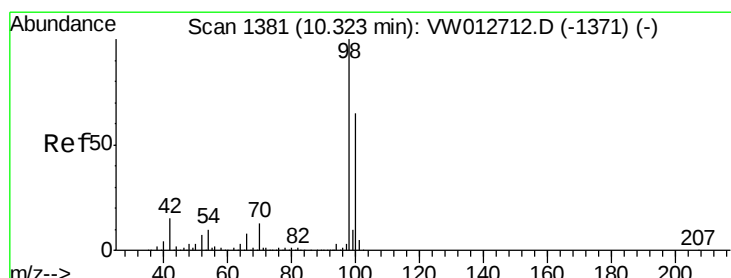
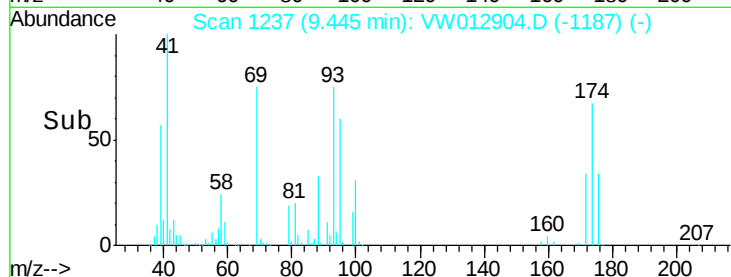
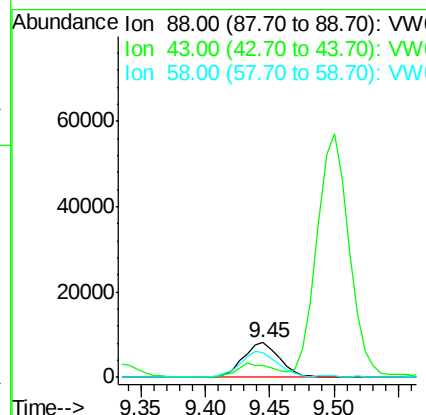
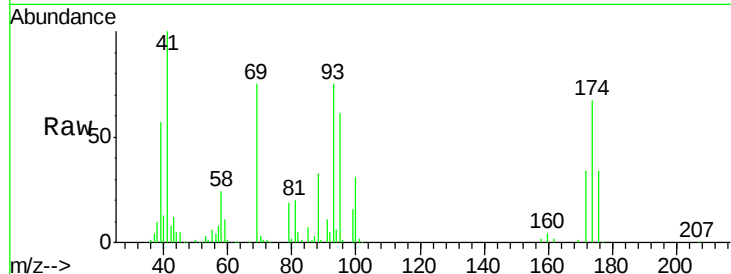
#49
1,4-Dioxane
Concen: 876.303 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	16078		
43	39.9		34.8	52.2
58	77.0		64.1	96.1

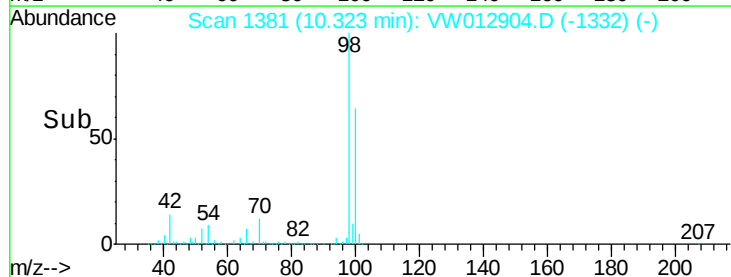
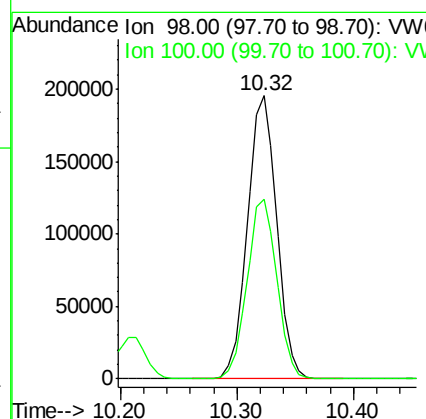
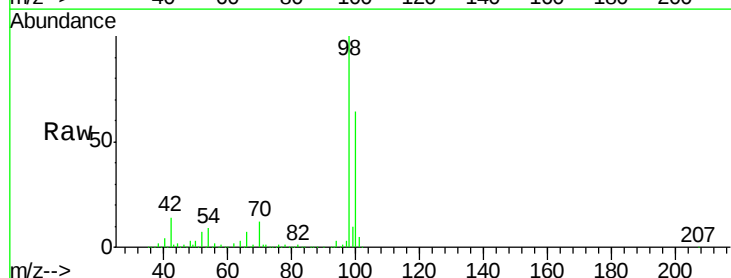
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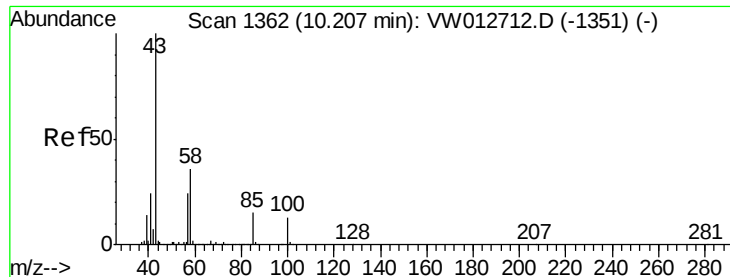
MMDadoda
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#50
Toluene-d8
Concen: 51.329 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	342988		
100	64.7		52.2	78.4





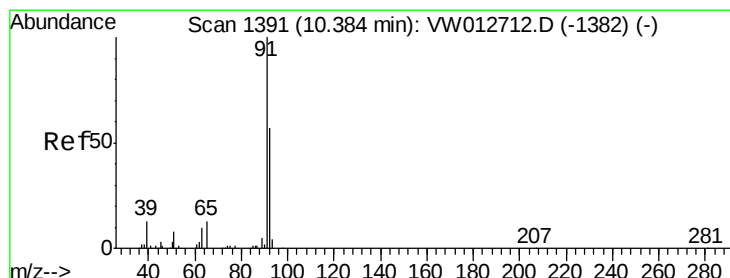
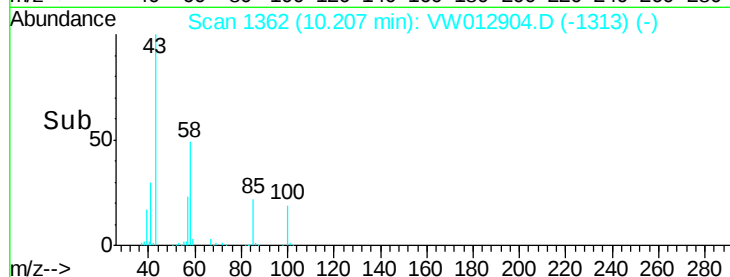
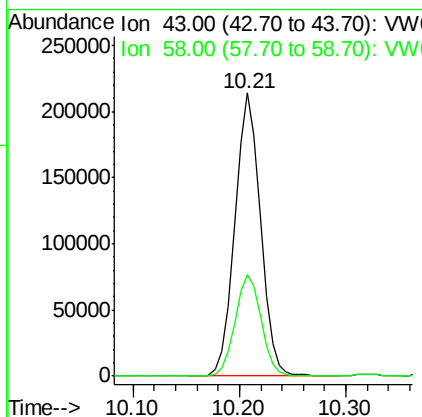
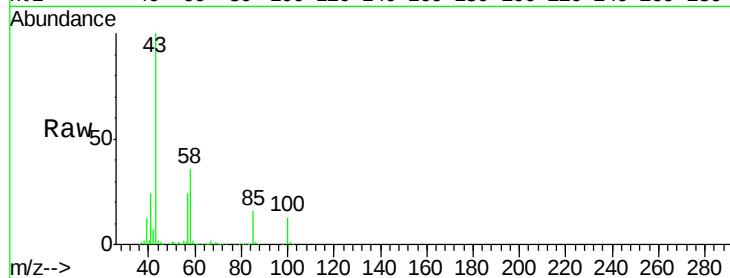
#51
4-Methyl-2-Pentanone
Concen: 223.468 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.4	42.6

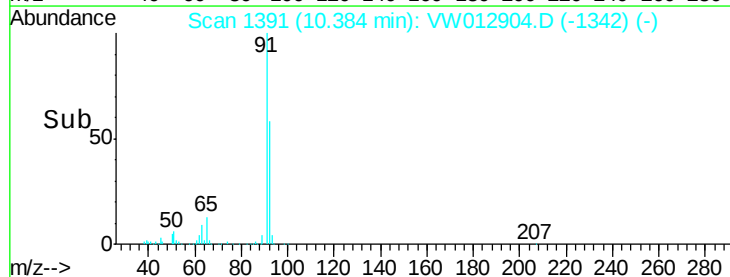
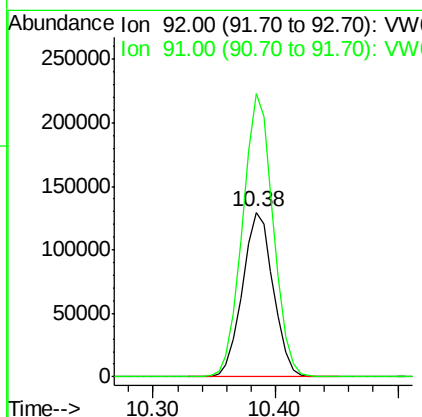
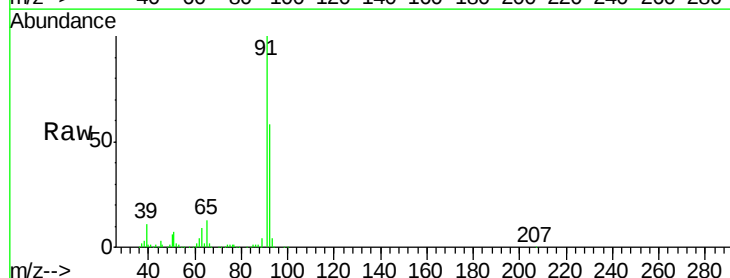
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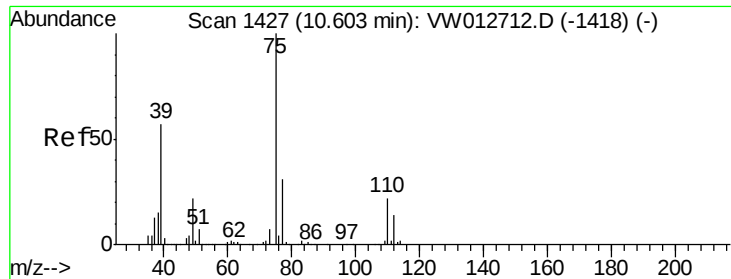
MMDadoda
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#52
Toluene
Concen: 51.172 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	137.0	205.4





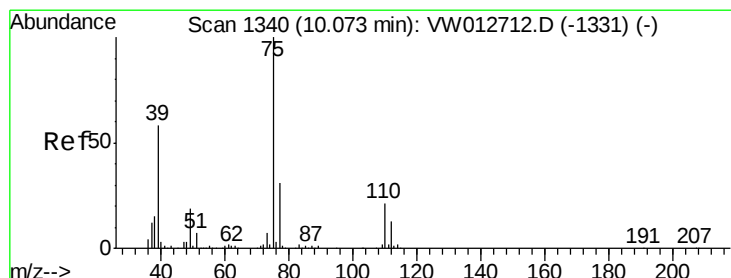
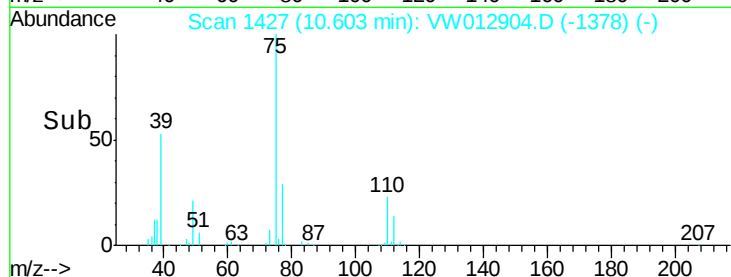
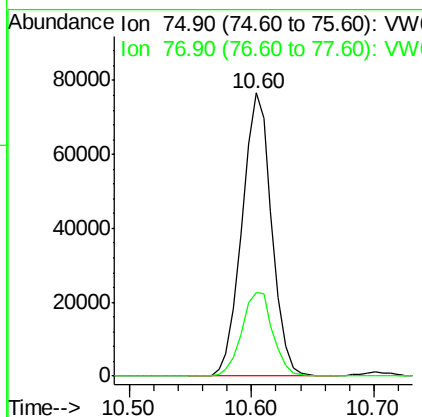
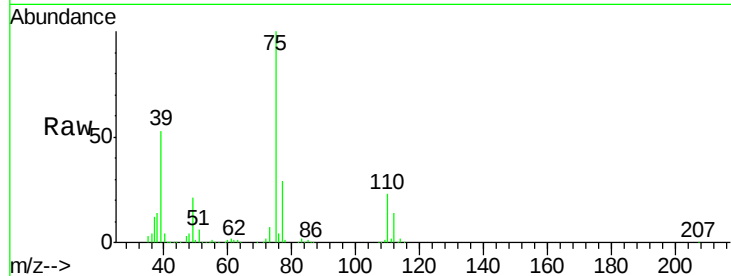
#53
t-1,3-Dichloropropene
Concen: 48.995 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 128745
Ion Ratio Lower Upper
75 100
77 29.4 24.7 37.1

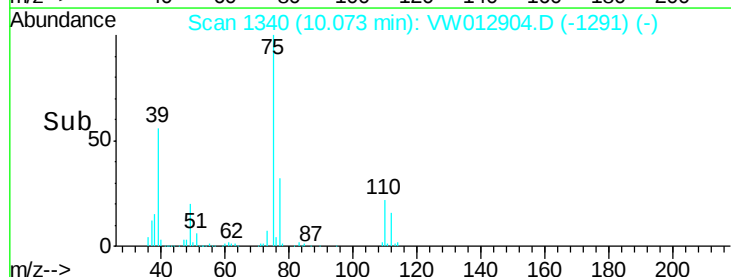
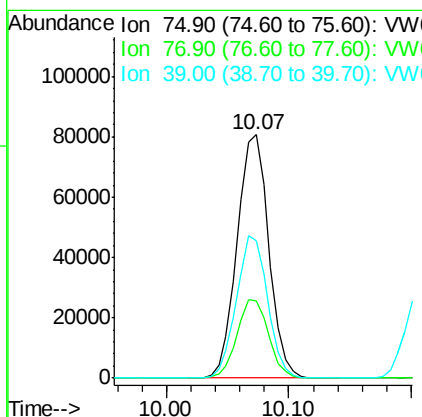
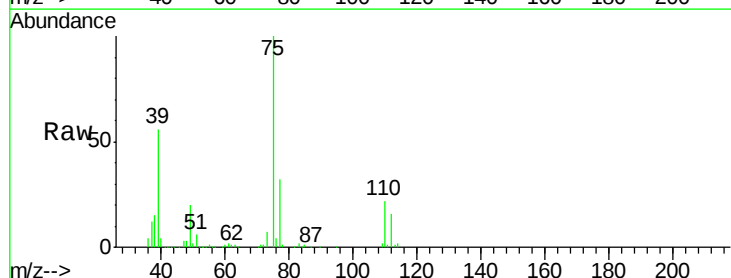
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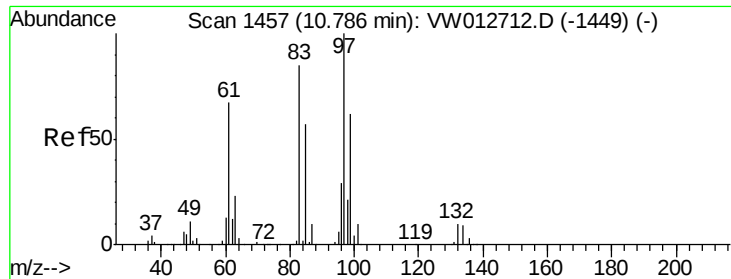
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#54
cis-1,3-Dichloropropene
Concen: 48.711 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion: 75 Resp: 145206
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 56.1 46.3 69.5





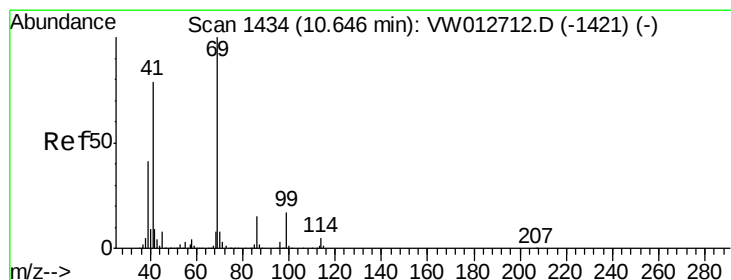
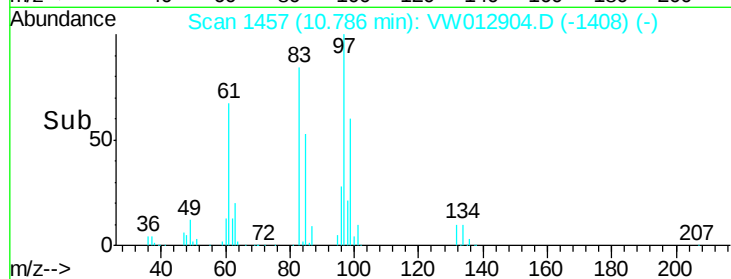
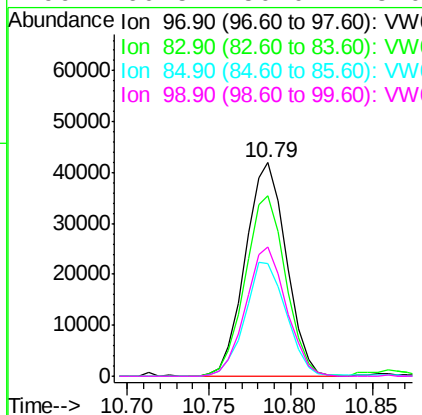
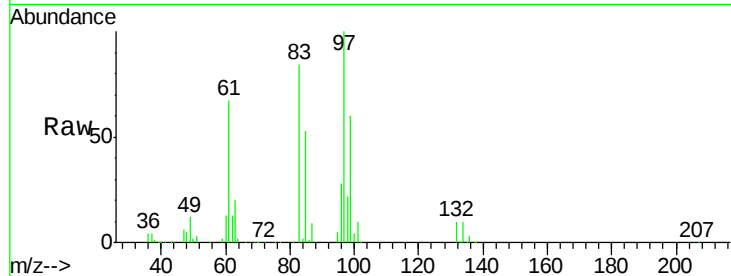
#55
 1,1,2-Trichloroethane
 Concen: 52.578 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	73115
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	52.5	45.3	67.9
99	60.5	50.0	75.0

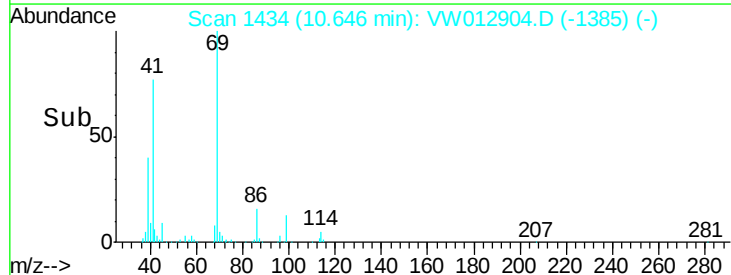
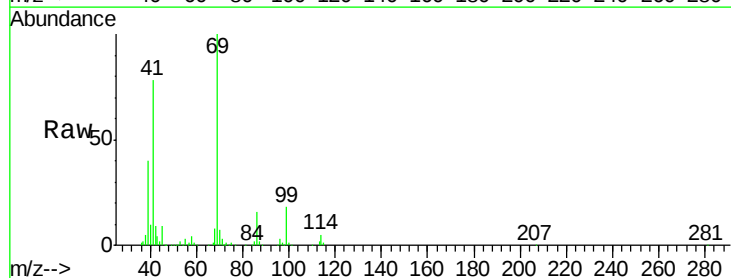
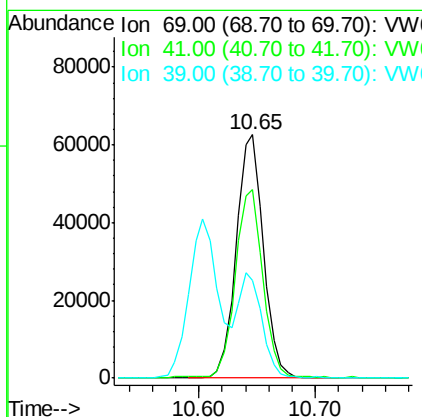
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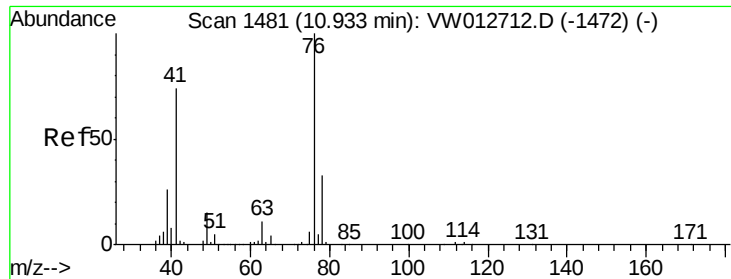
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#56
 Ethyl methacrylate
 Concen: 49.831 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion:	69	Resp:	101434
Ion	Ratio	Lower	Upper
69	100		
41	79.7	64.4	96.6
39	36.8	31.1	46.7





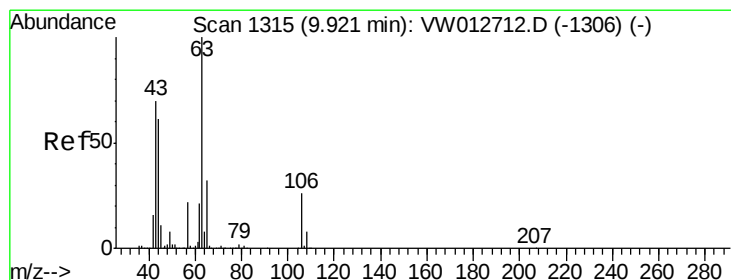
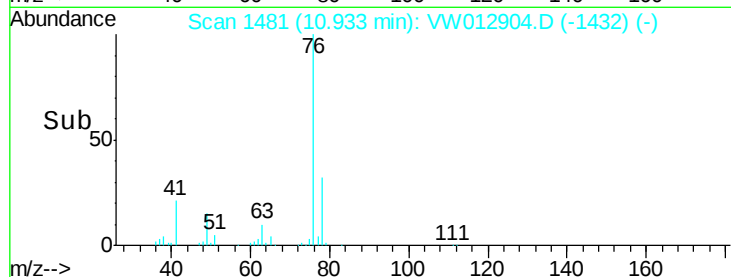
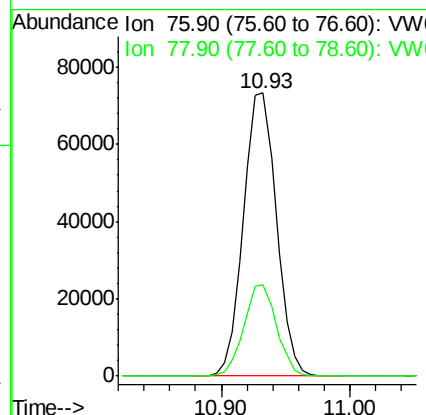
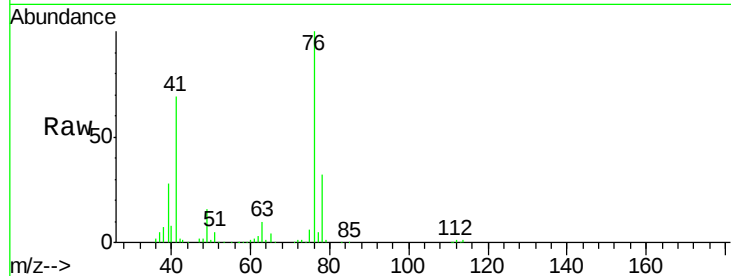
#57
 1,3-Dichloropropane
 Concen: 50.472 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

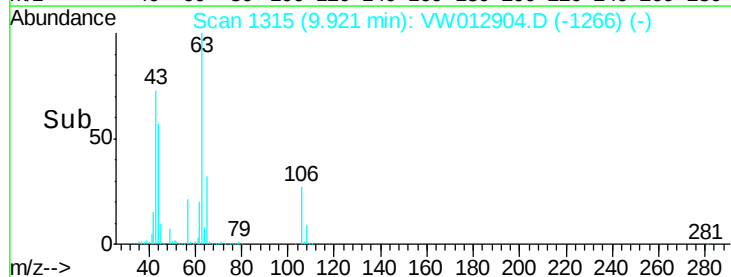
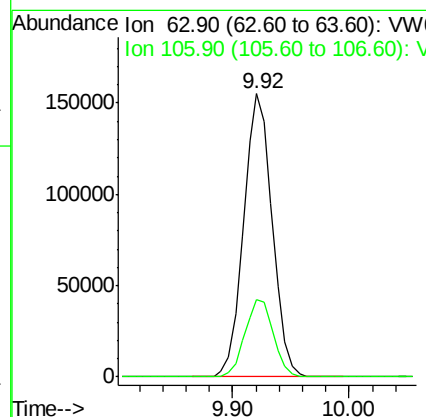
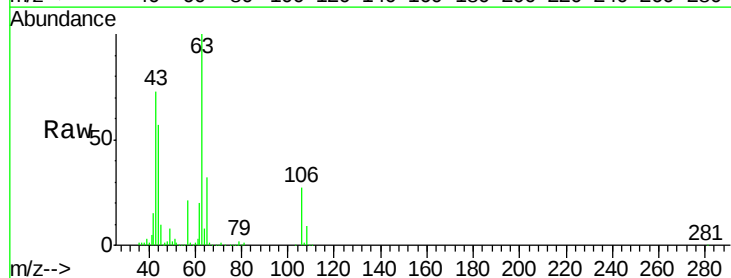
Manual Integrations
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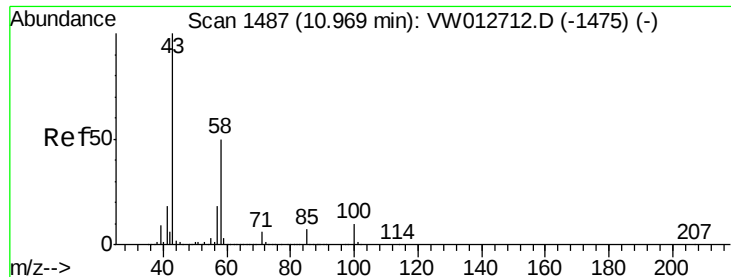
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 9/11/2019 9:26:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.157 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	20.5	30.7





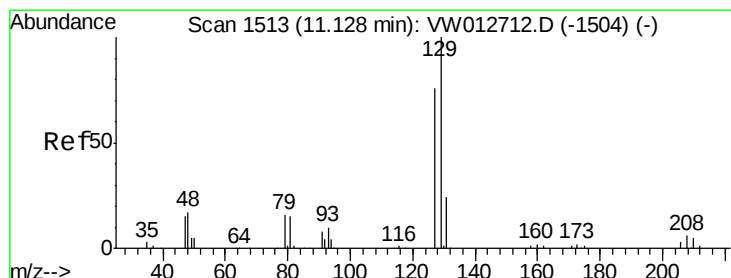
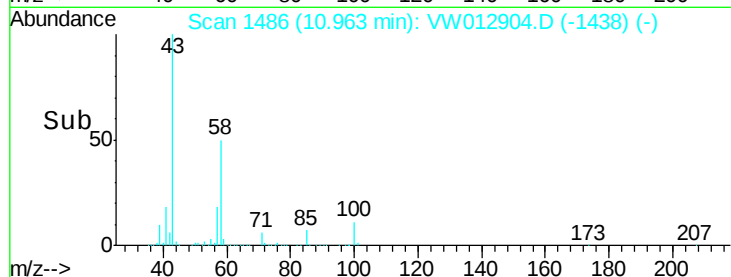
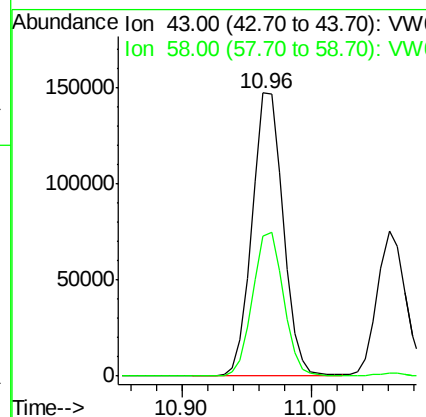
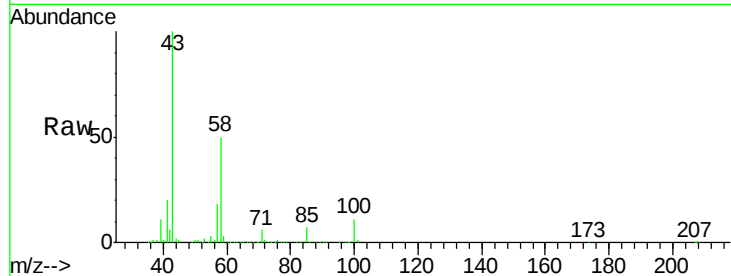
#59
2-Hexanone
Concen: 207.293 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 244643
Ion Ratio Lower Upper
43 100
58 50.8 24.7 74.1

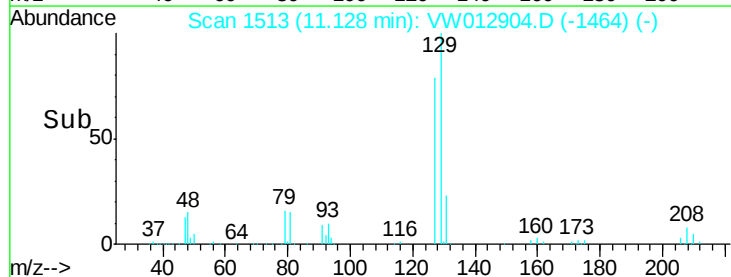
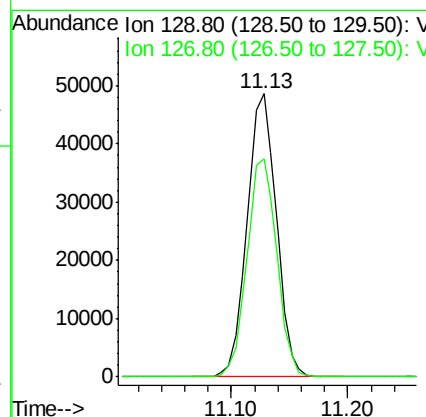
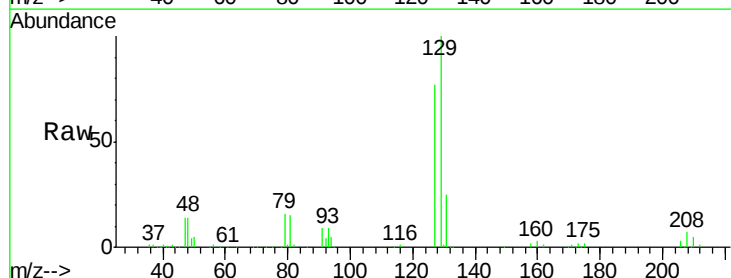
Manual Integrations
APPROVED

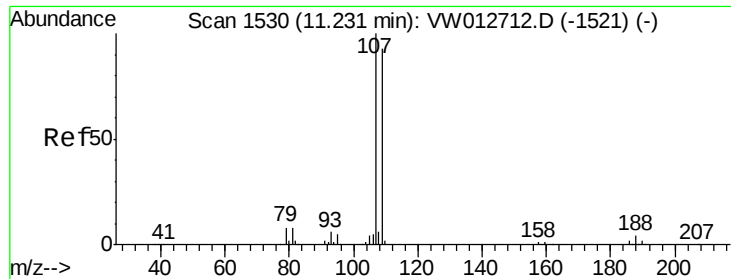
MMDadoda
9/11/2019 9:26:16 AM



#60
Dibromochloromethane
Concen: 52.459 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion: 129 Resp: 85794
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8





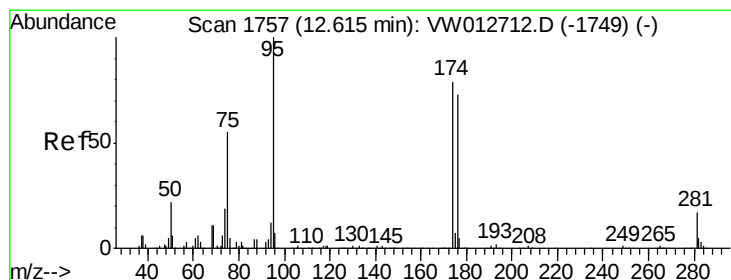
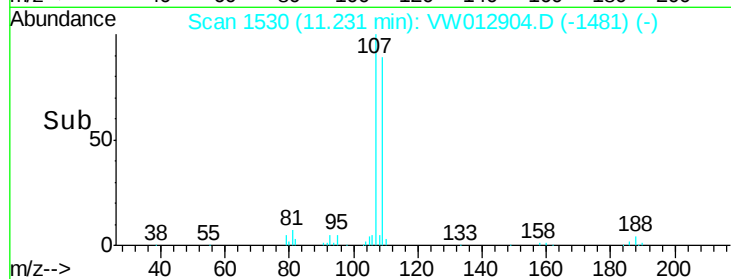
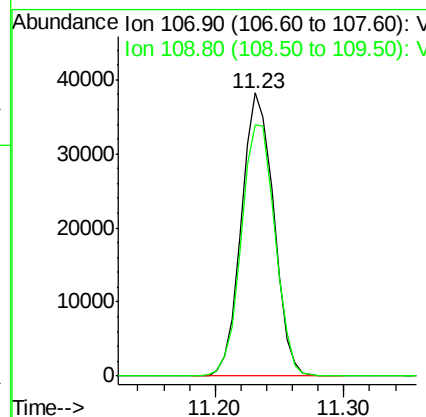
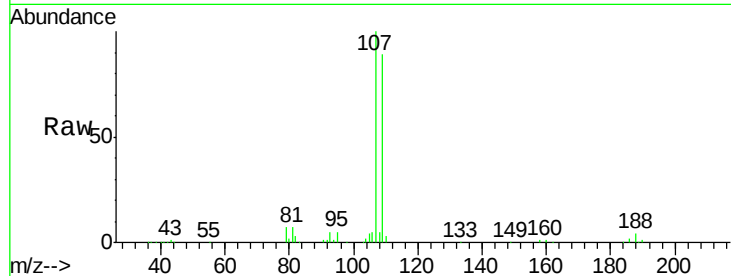
#61
 1,2-Dibromoethane
 Concen: 51.872 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.0	112.6

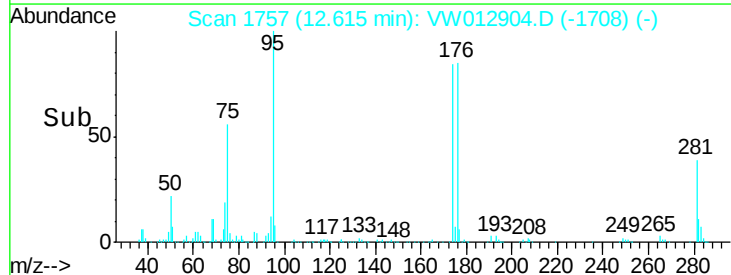
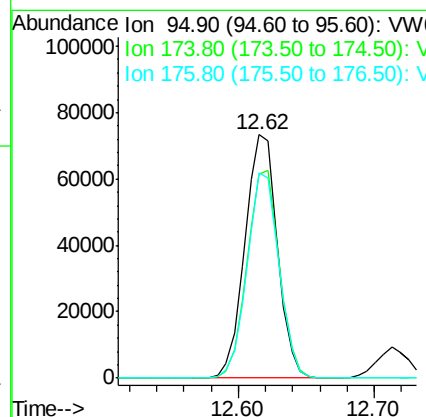
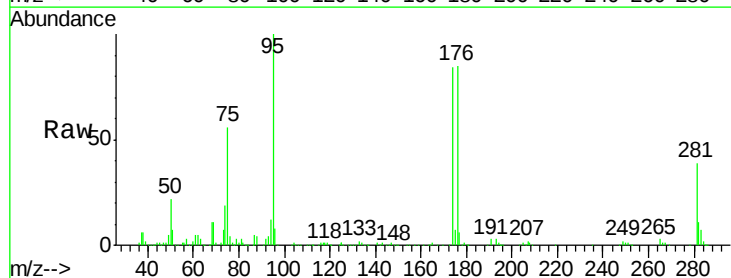
Manual Integrations
 APPROVED

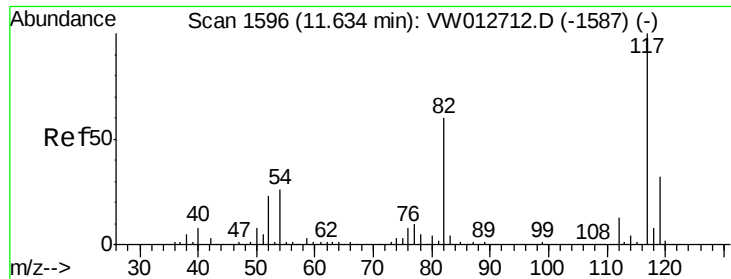
MMDadoda
 9/11/2019 9:26:16 AM



#62
 4-Bromofluorobenzene
 Concen: 50.375 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	161.0
176	83.0	0.0	156.4





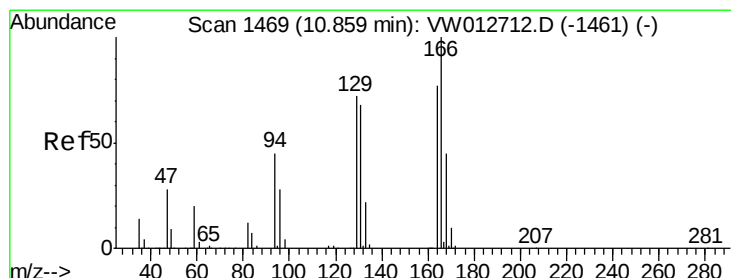
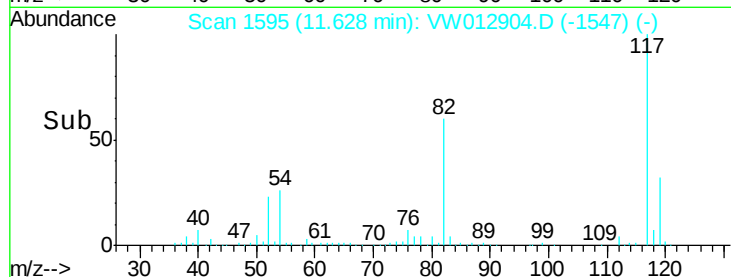
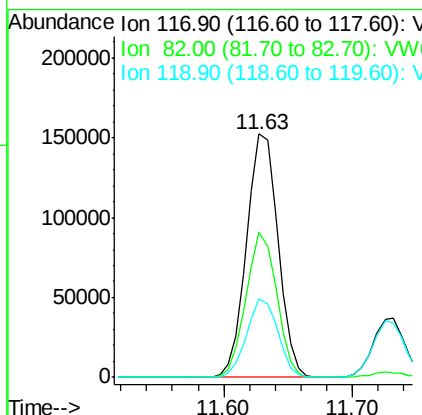
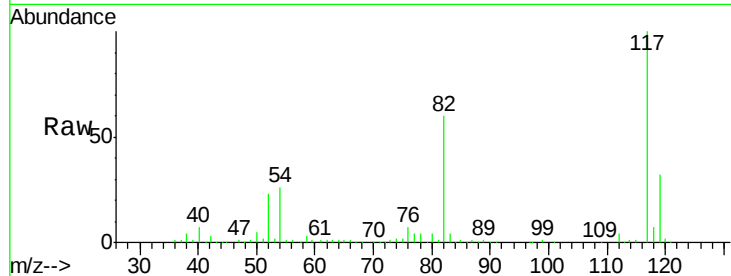
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	48.2	72.4
119	32.2	25.8	38.6

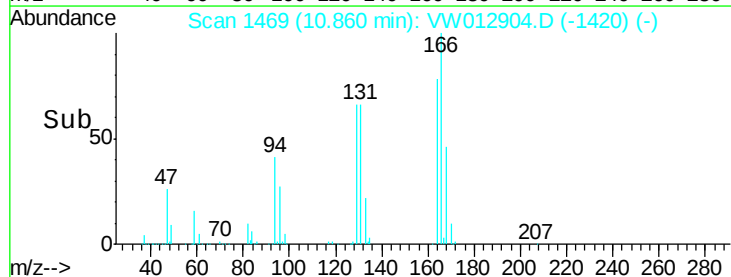
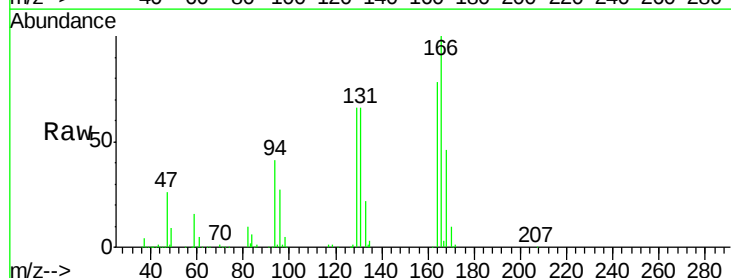
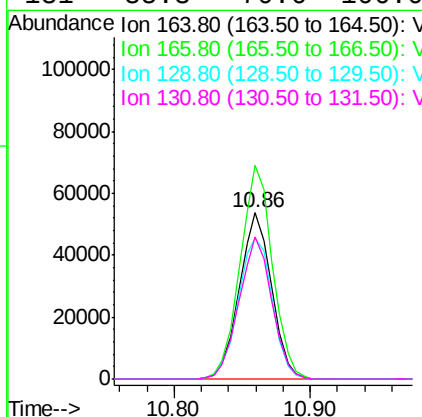
Manual Integrations
APPROVED

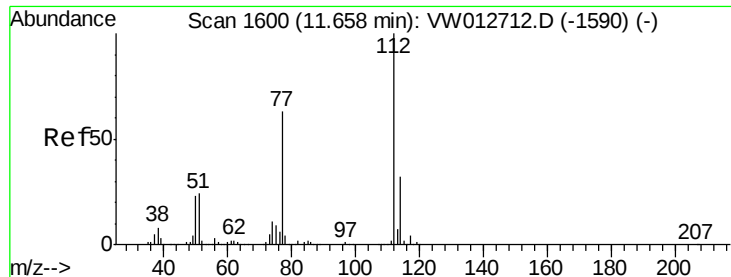
MMDadoda
9/11/2019 9:26:16 AM



#64
Tetrachloroethene
Concen: 56.658 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	103.6	155.4
129	85.3	74.6	112.0
131	85.3	70.6	106.0





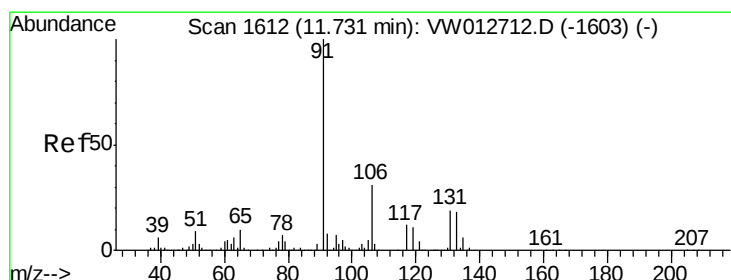
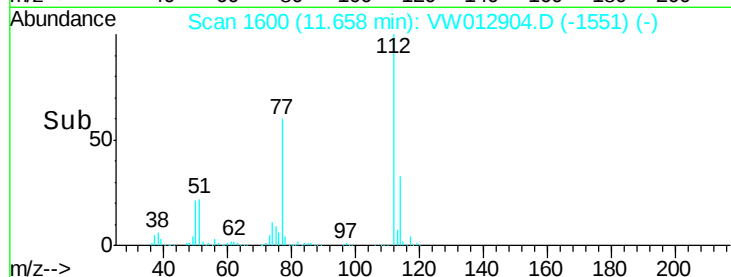
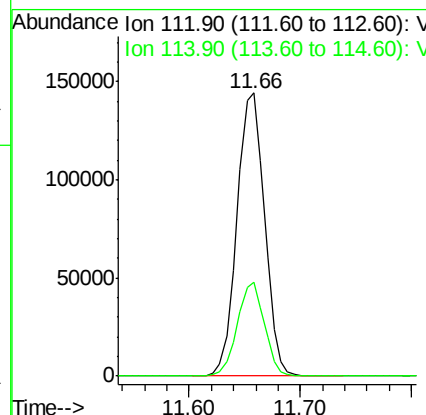
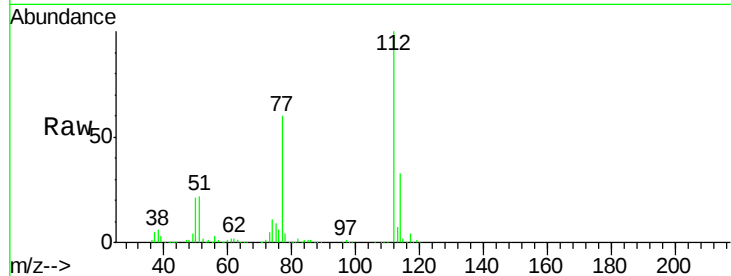
#65
Chlorobenzene
Concen: 50.770 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 247060
Ion Ratio Lower Upper
112 100
114 33.3 25.3 37.9

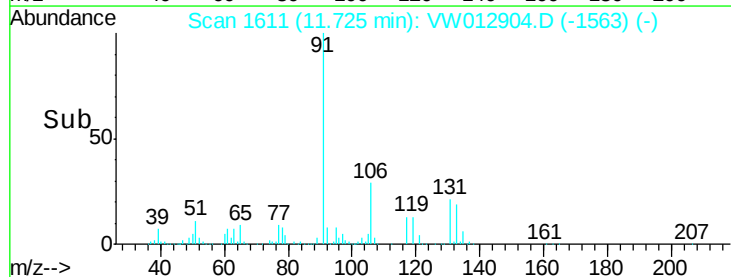
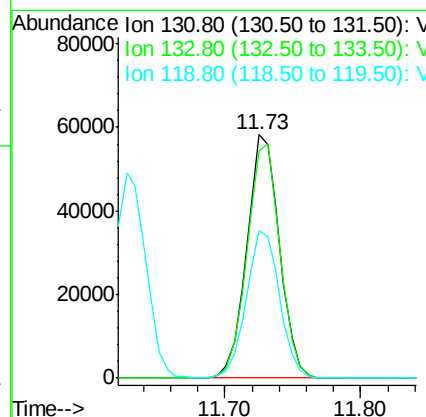
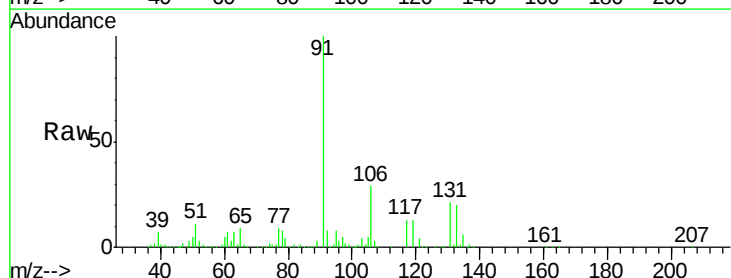
Manual Integrations
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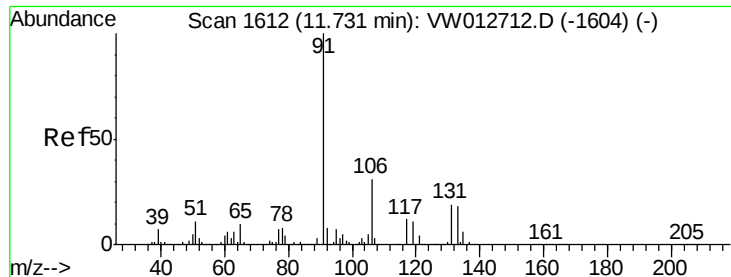
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.739 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion:131 Resp: 97386
Ion Ratio Lower Upper
131 100
133 97.3 47.6 142.8
119 62.0 30.6 92.0





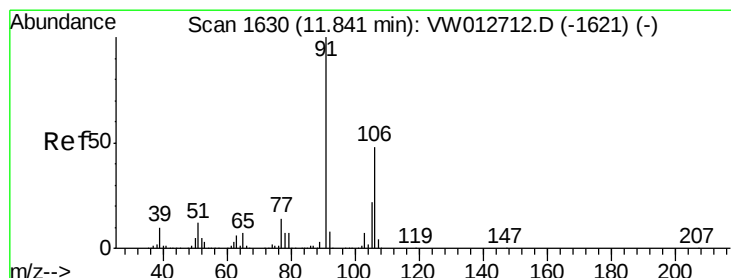
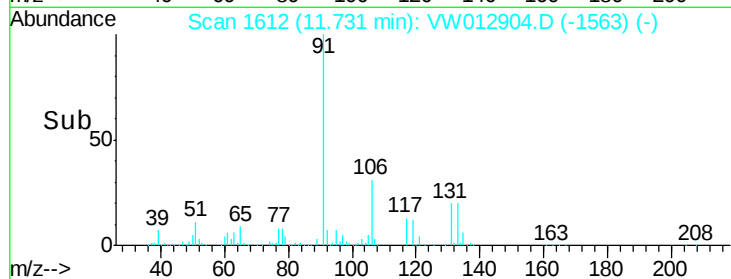
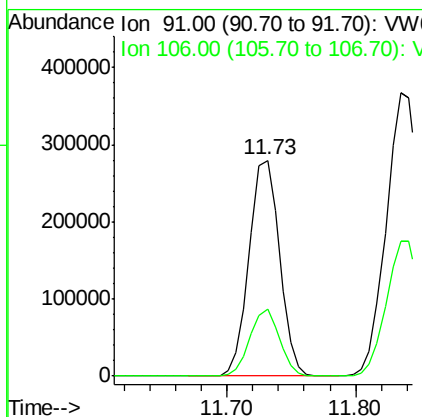
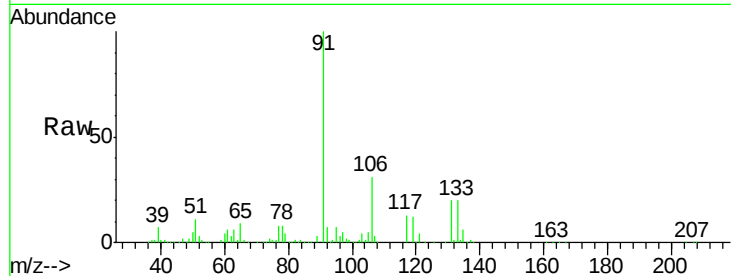
#67
Ethyl Benzene
Concen: 50.070 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 457146
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

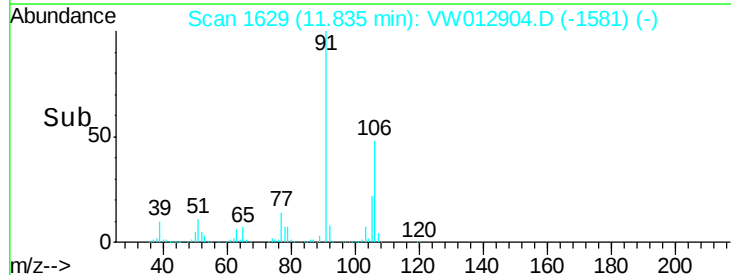
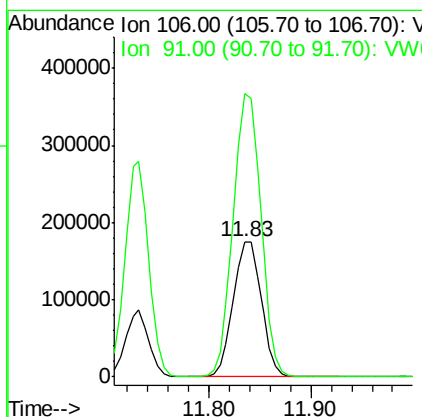
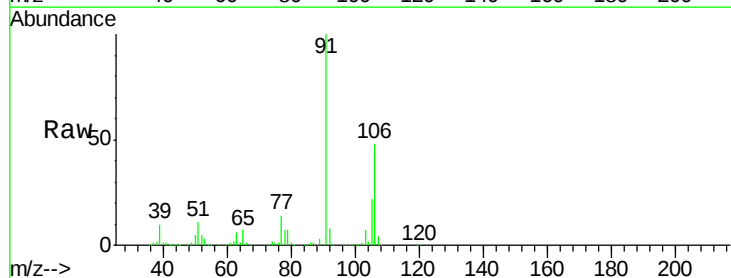
Manual Integrations
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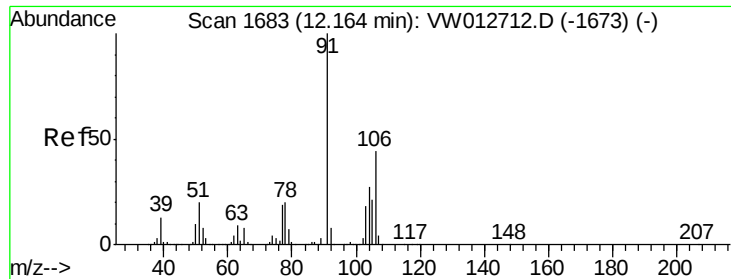
MMDadoda
9/11/2019 9:26:16 AM



#68
m/p-Xylenes
Concen: 101.233 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion: 106 Resp: 333624
Ion Ratio Lower Upper
106 100
91 207.4 168.2 252.4





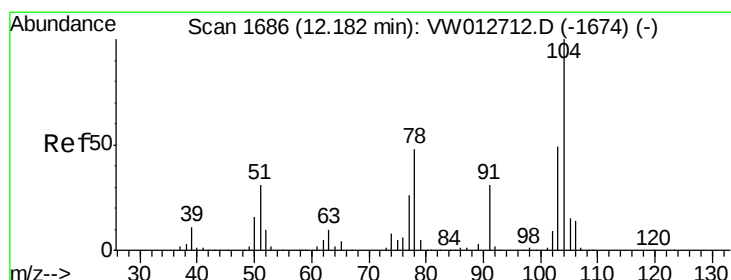
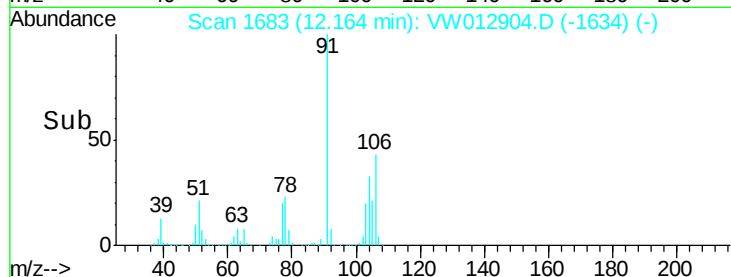
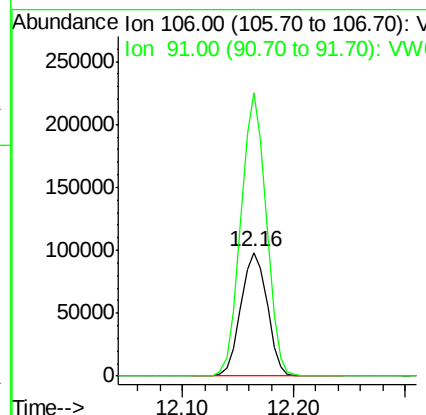
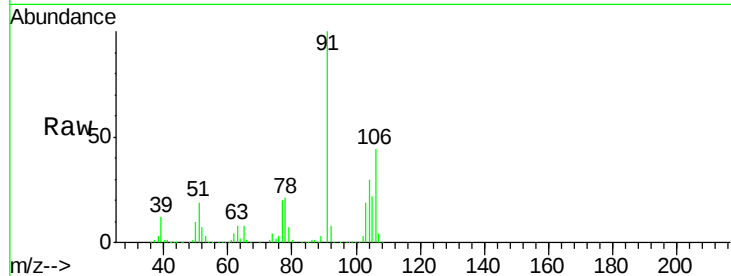
#69
o-Xylene
Concen: 51.587 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 160393
Ion Ratio Lower Upper
106 100
91 221.5 112.3 336.8

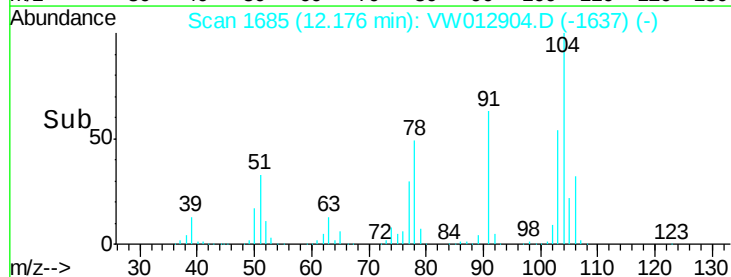
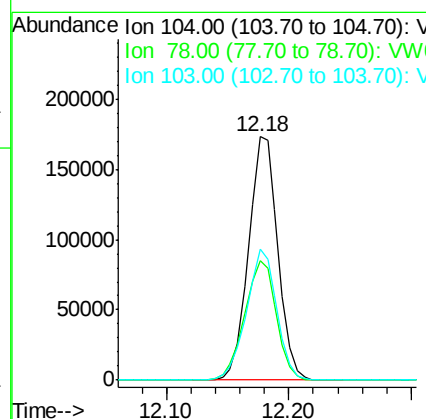
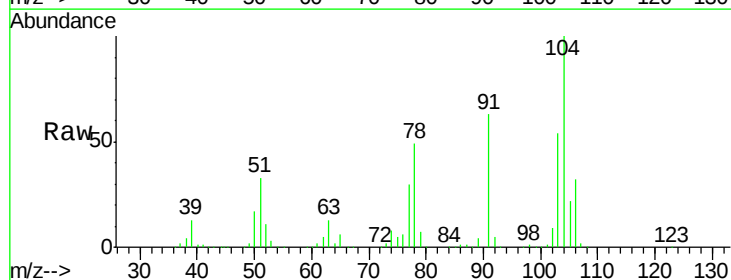
Manual Integrations
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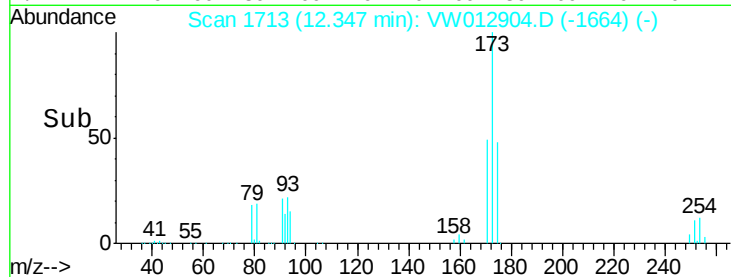
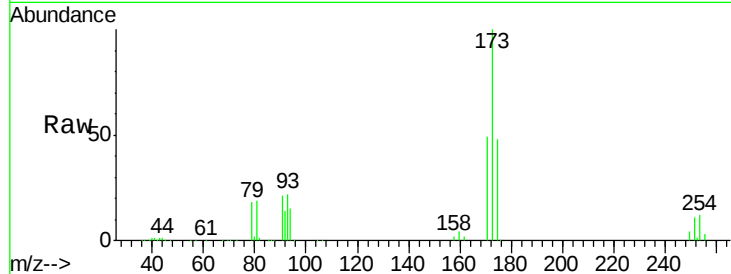
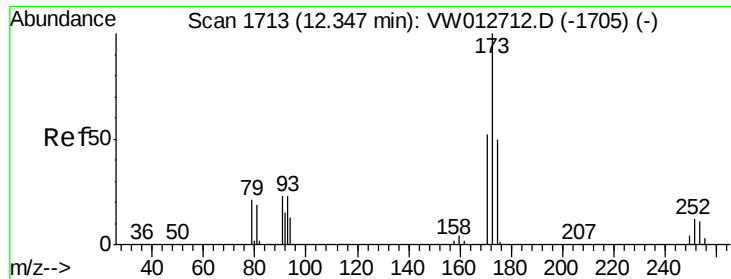
MMDadoda
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#70
Styrene
Concen: 52.461 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion:104 Resp: 288224
Ion Ratio Lower Upper
104 100
78 53.2 43.3 64.9
103 55.4 44.0 66.0





#71

Bromoform

Concen: 51.519 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.8	74.3
254	0.0	0.1	0.1#

Instrument :

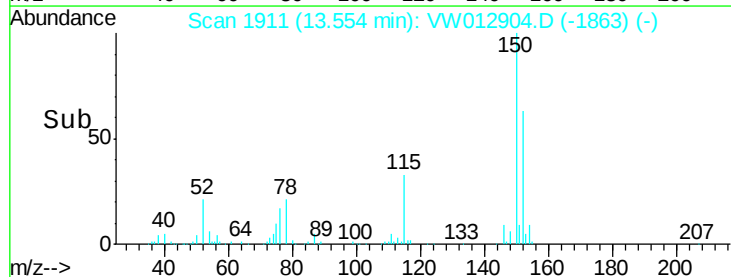
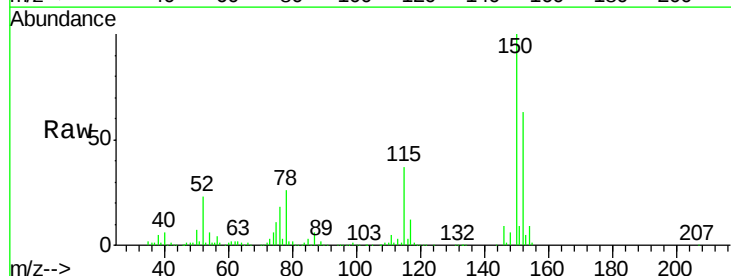
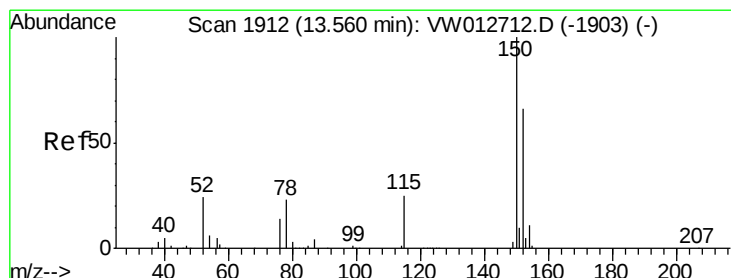
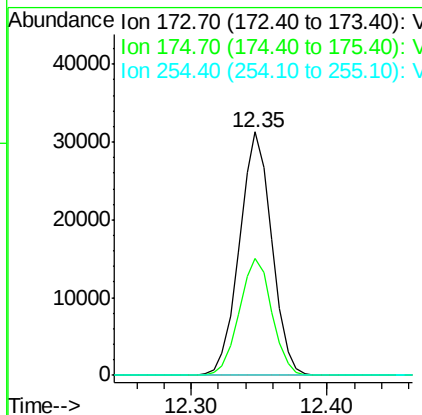
MSVOA_W

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

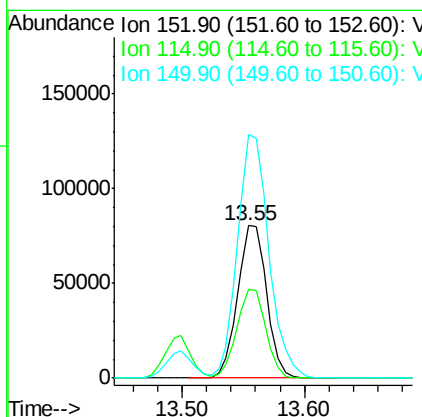
RT: 13.55 min Scan# 1911

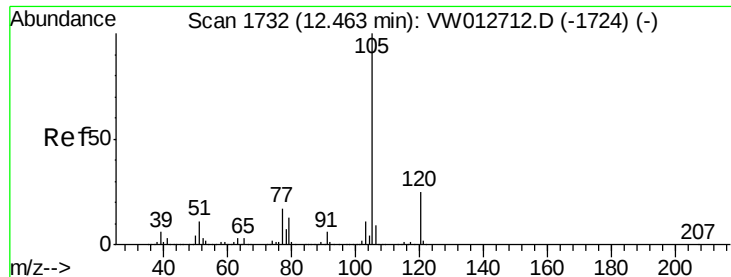
Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.0	90.1
150	173.8	0.0	349.0





#73

Isopropylbenzene

Concen: 47.698 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 449826

Ion Ratio Lower Upper

105 100

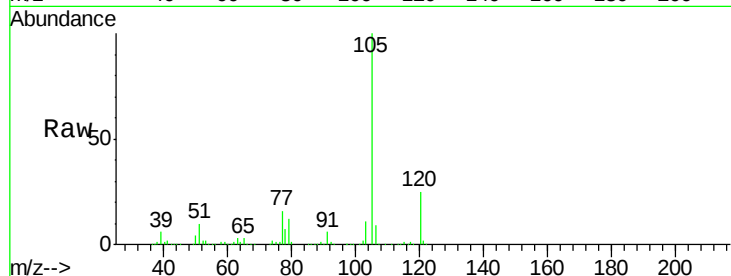
120 25.8 13.0 38.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

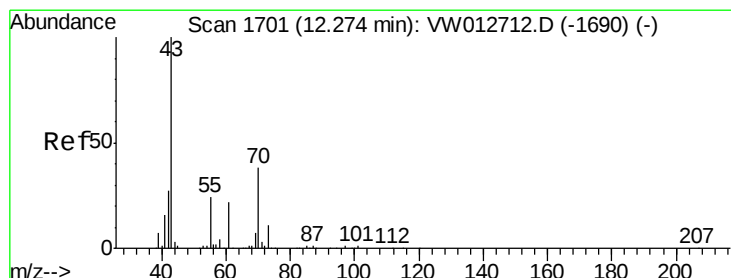
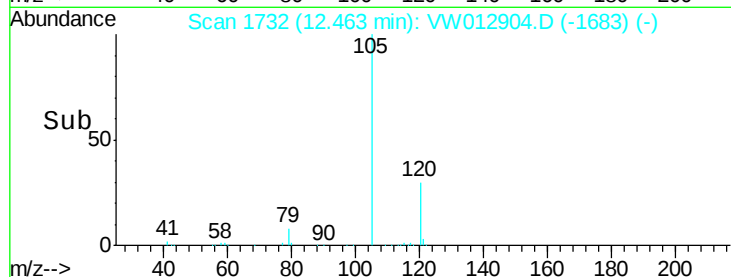
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 41.884 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Tgt Ion: 43 Resp: 125378

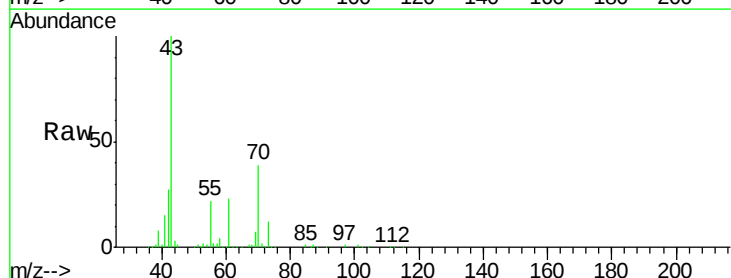
Ion Ratio Lower Upper

43 100

70 39.0 29.4 44.0

55 23.3 18.6 27.8

61 23.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

120000

100000

80000

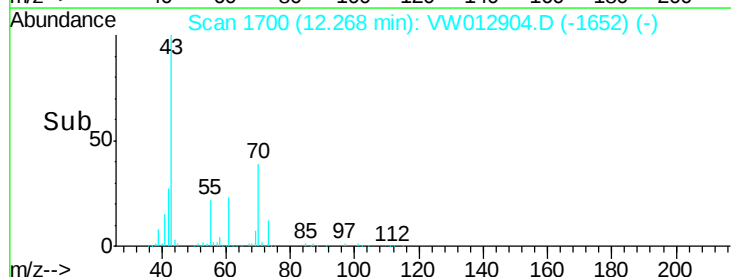
60000

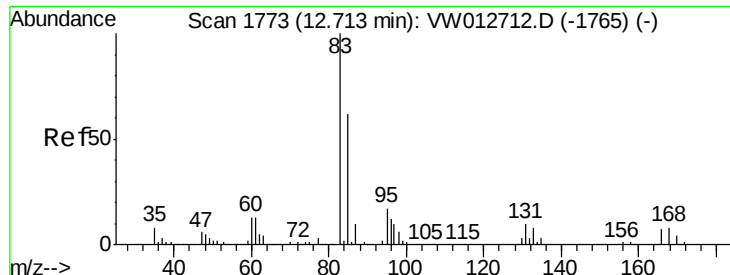
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.393 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 84079

Ion Ratio Lower Upper

83 100

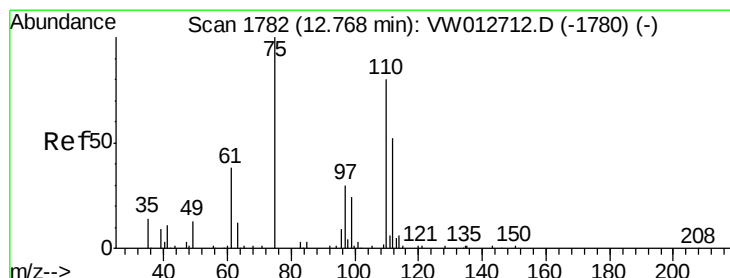
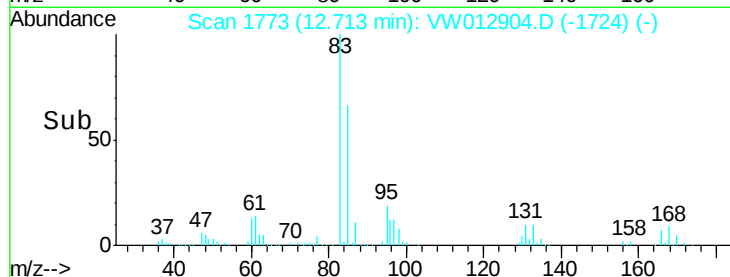
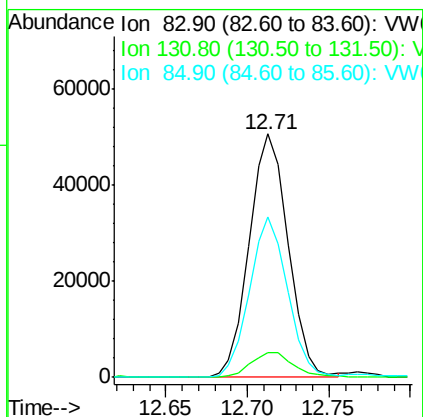
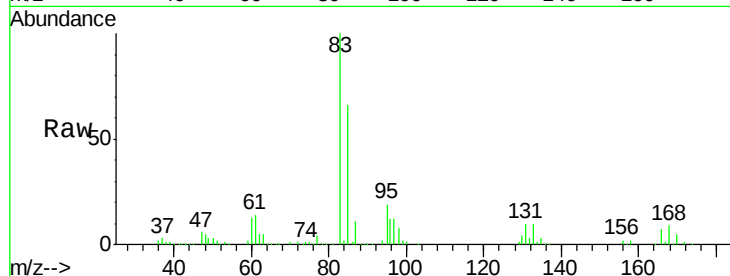
131 11.2 5.1 15.4

85 64.3 31.4 94.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.354 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012904.D

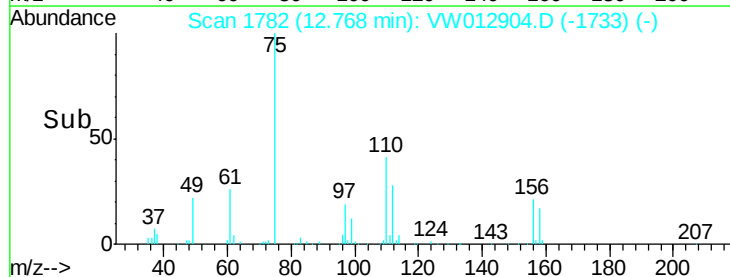
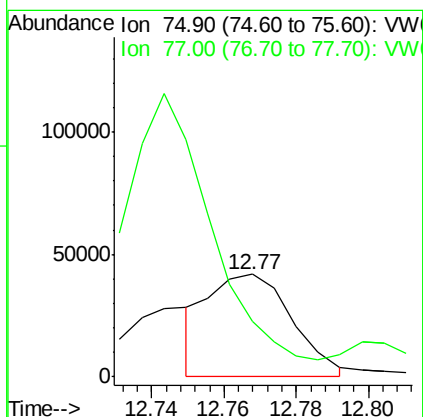
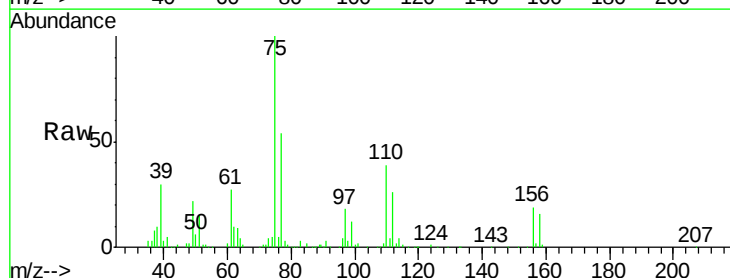
Acq: 11 Sep 2019 07:30

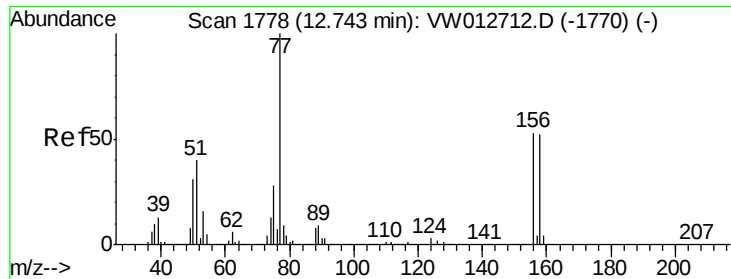
Tgt Ion: 75 Resp: 67703

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.529 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 110098

Ion Ratio Lower Upper

156 100

77 186.4 102.3 306.9

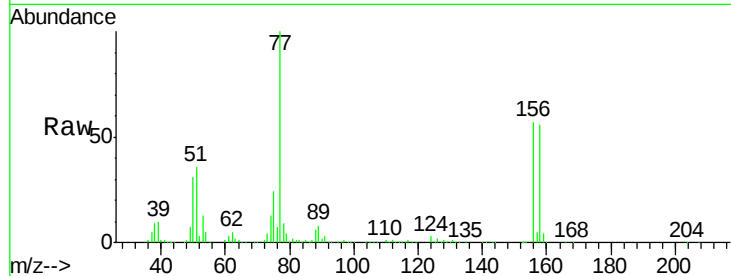
158 96.4 48.9 146.8

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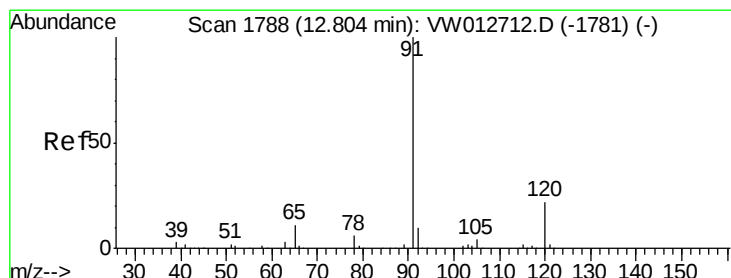
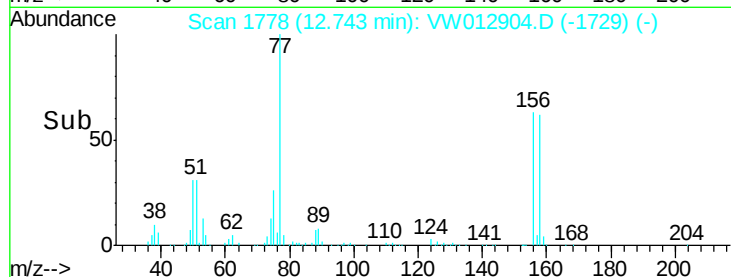
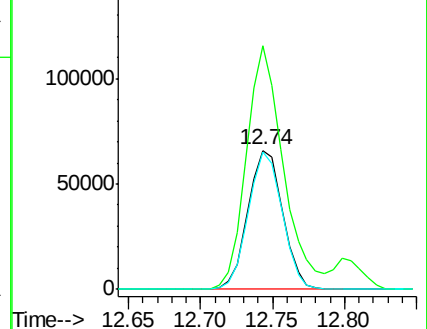
9/11/2019 9:26:16 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.925 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012904.D

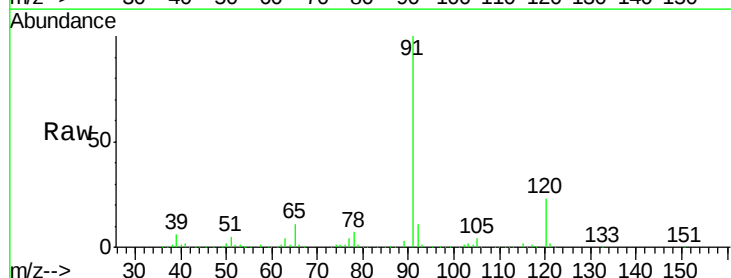
Acq: 11 Sep 2019 07:30

Tgt Ion: 91 Resp: 529275

Ion Ratio Lower Upper

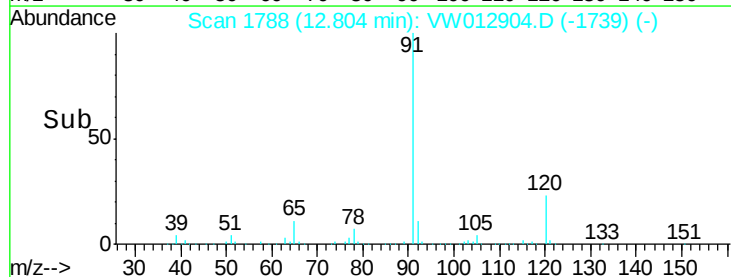
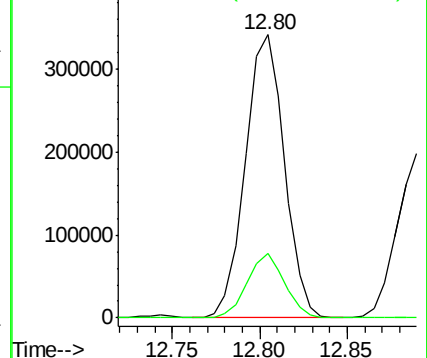
91 100

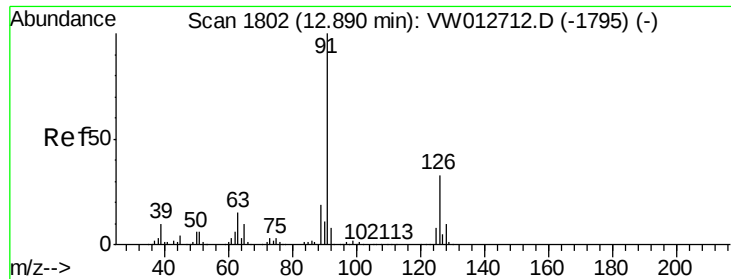
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





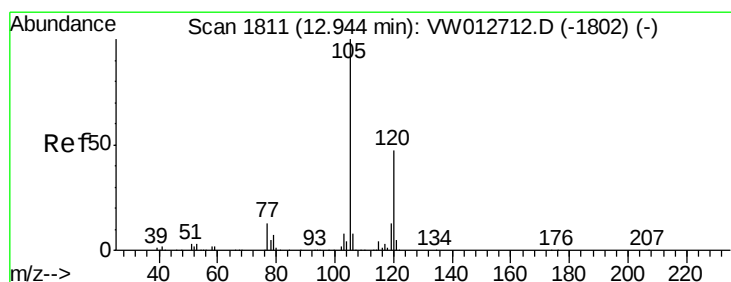
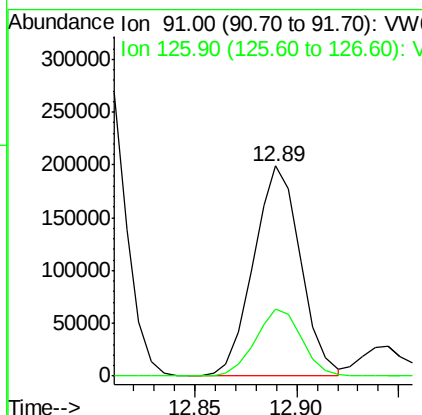
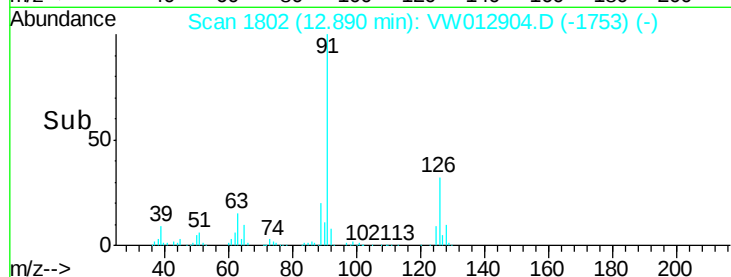
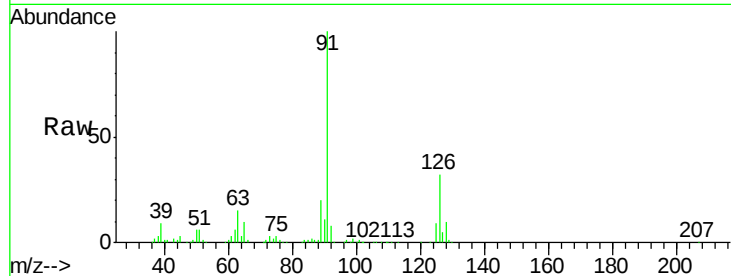
#79
2-Chlorotoluene
Concen: 49.002 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 317293
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.3

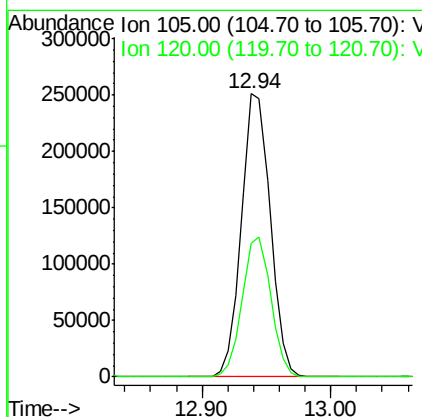
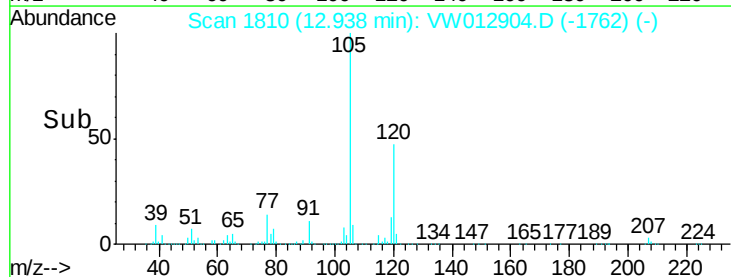
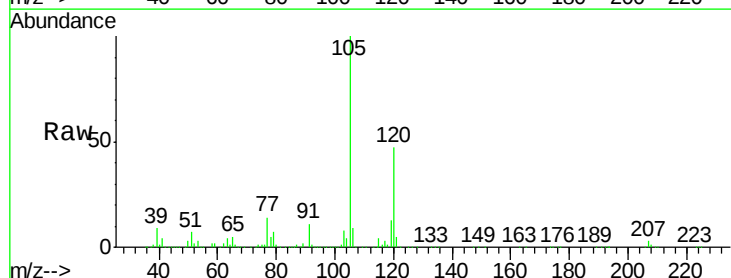
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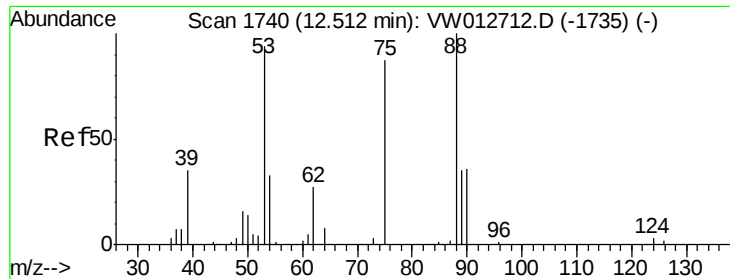
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#80
1,3,5-Trimethylbenzene
Concen: 48.972 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion:105 Resp: 389167
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 38.209 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 24289

Ion Ratio Lower Upper

75 100

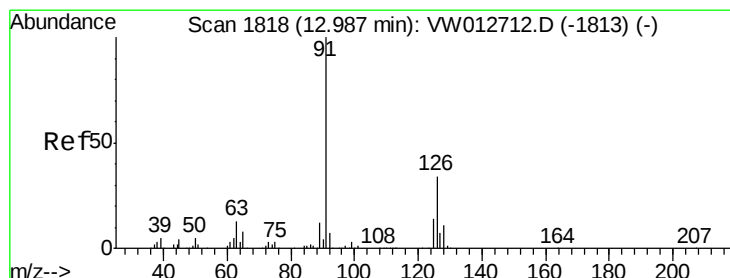
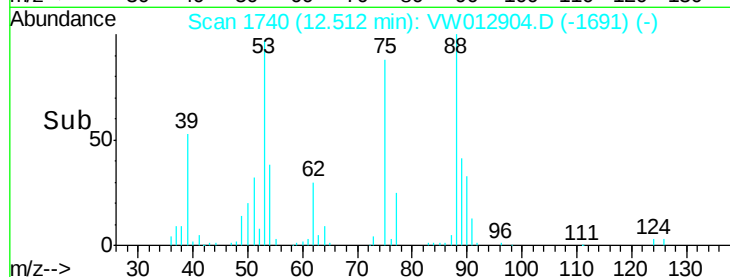
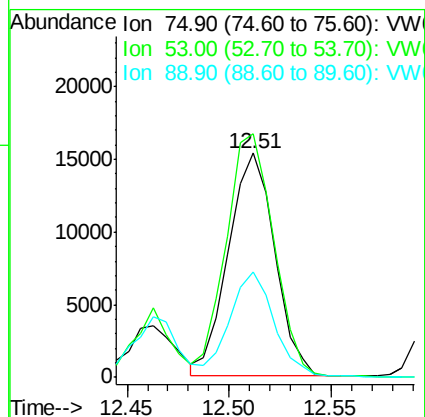
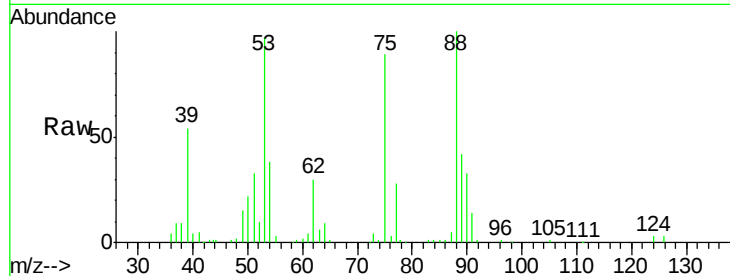
53 113.3 87.6 131.4

89 45.0 35.5 53.3

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#82

4-Chlorotoluene

Concen: 48.091 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012904.D

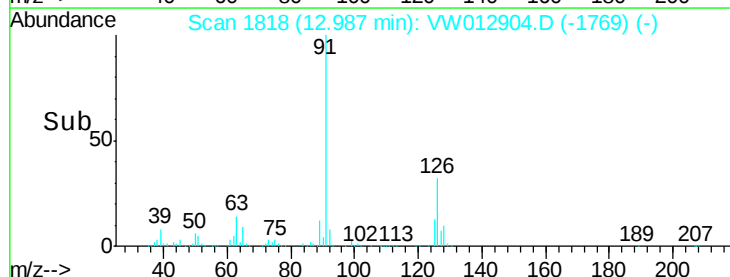
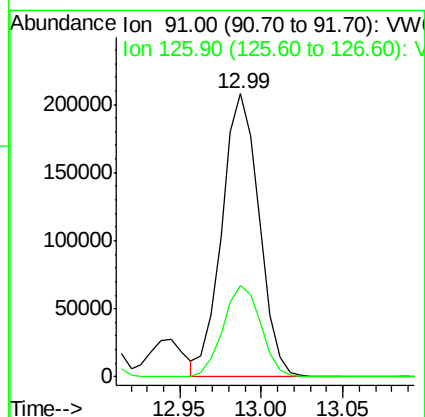
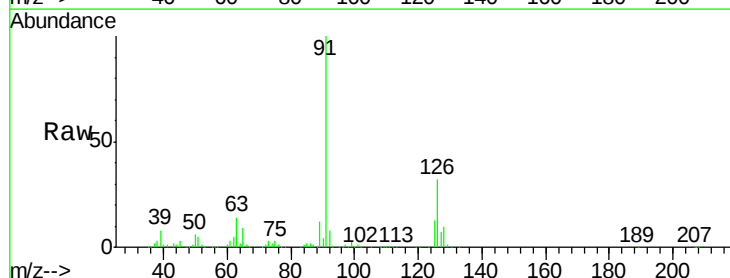
Acq: 11 Sep 2019 07:30

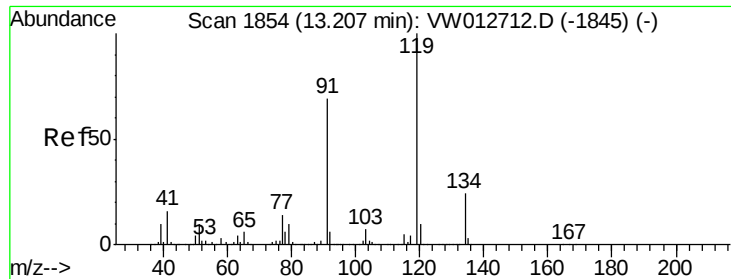
Tgt Ion: 91 Resp: 329380

Ion Ratio Lower Upper

91 100

126 32.7 15.9 47.6





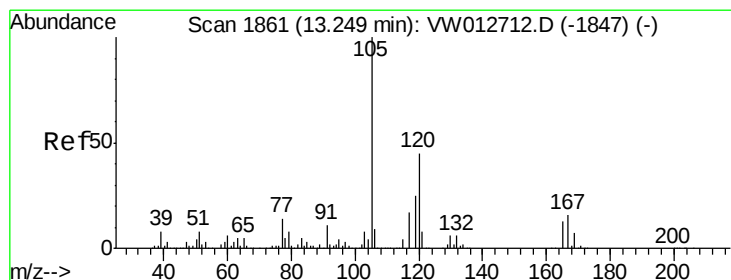
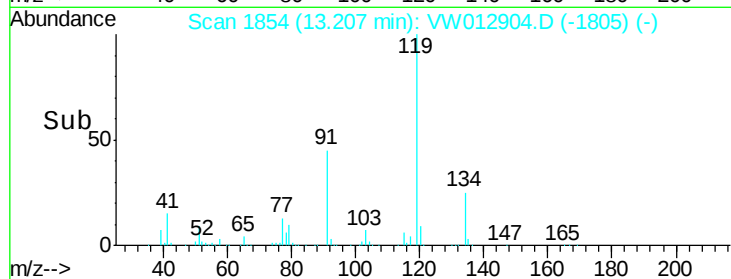
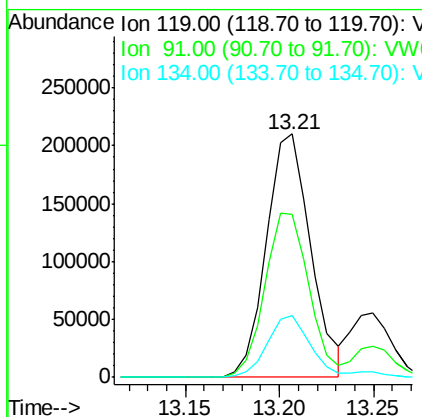
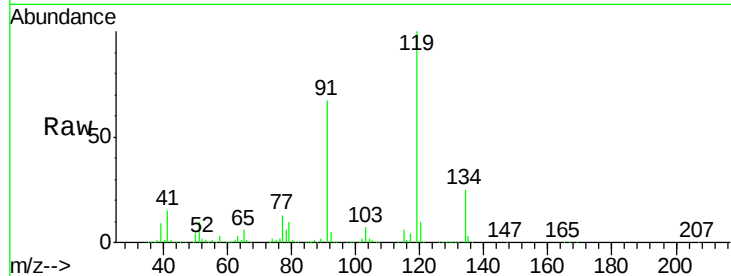
#83
tert-Butylbenzene
Concen: 48.915 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.0	34.2	102.5
134	24.5	12.3	36.9

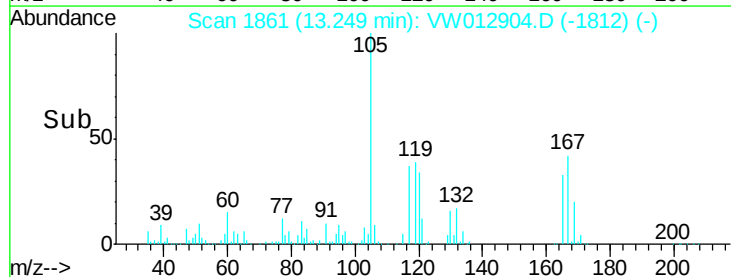
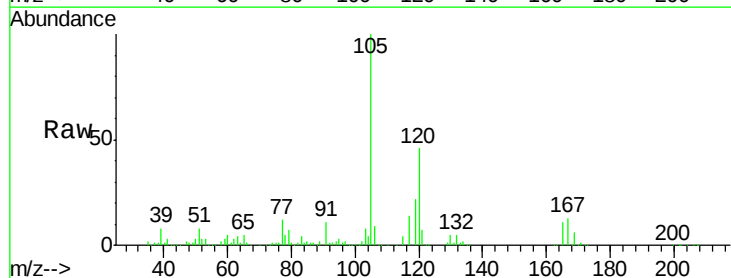
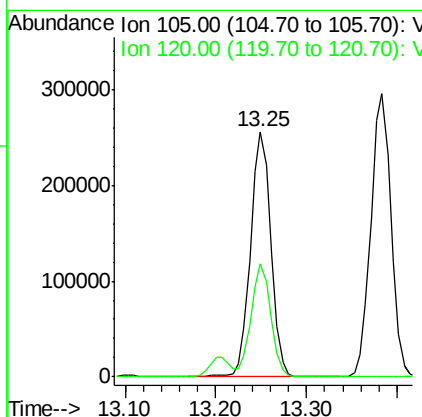
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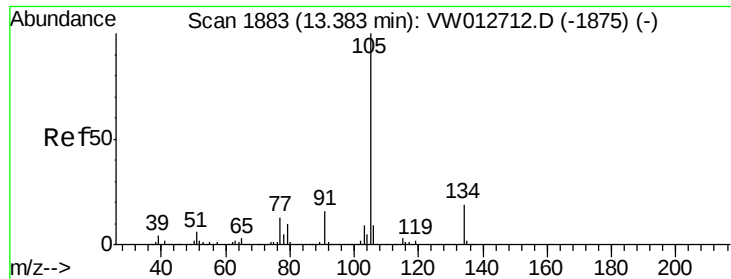
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#84
1,2,4-Trimethylbenzene
Concen: 49.668 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 46.691 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 455251

Ion Ratio Lower Upper

105 100

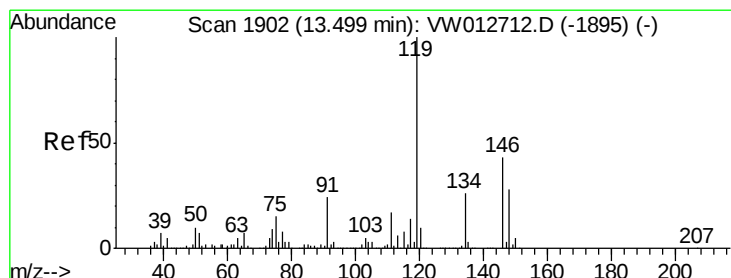
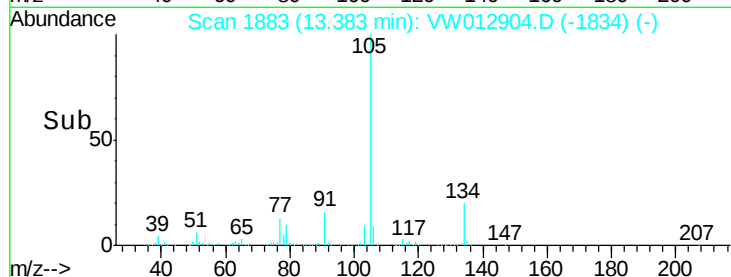
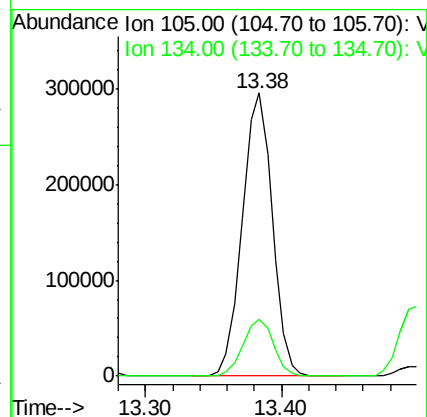
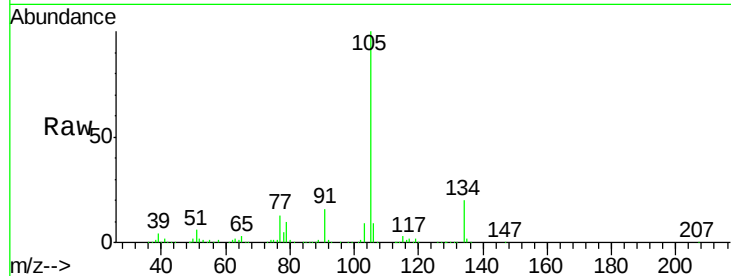
134 20.5 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 48.222 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012904.D

Acq: 11 Sep 2019 07:30

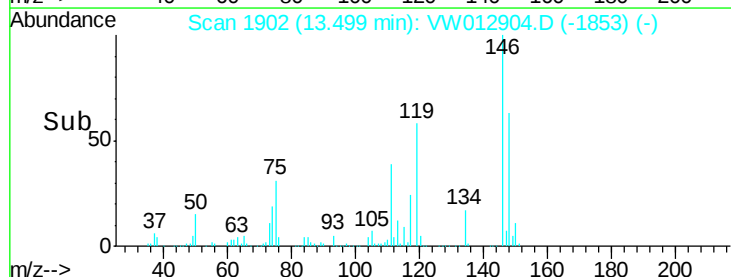
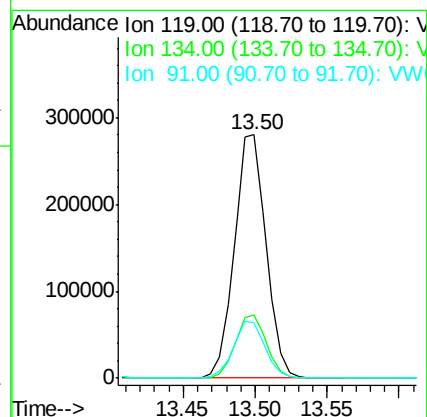
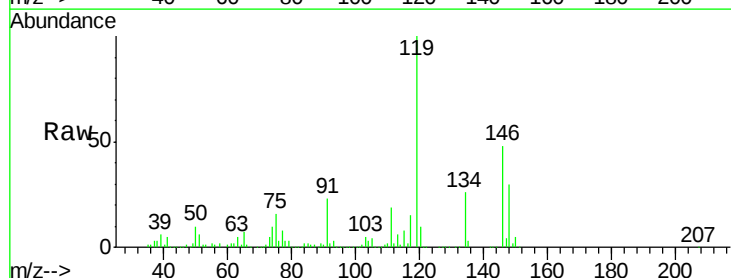
Tgt Ion:119 Resp: 429474

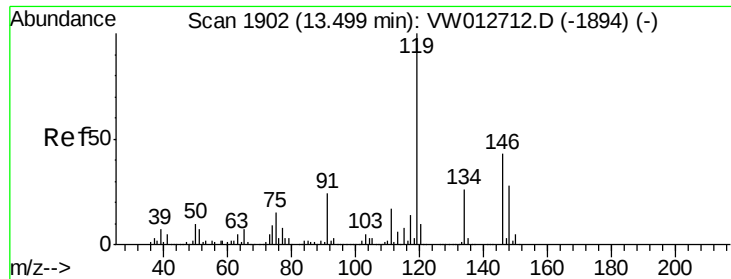
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 23.4 12.2 36.6





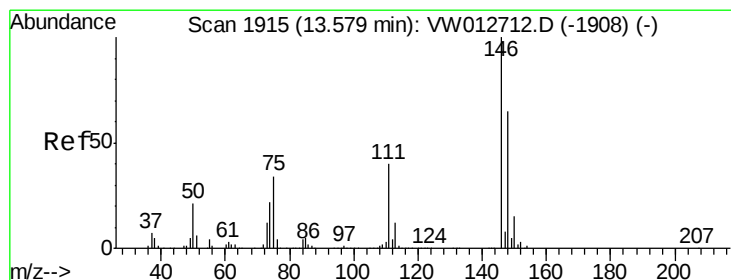
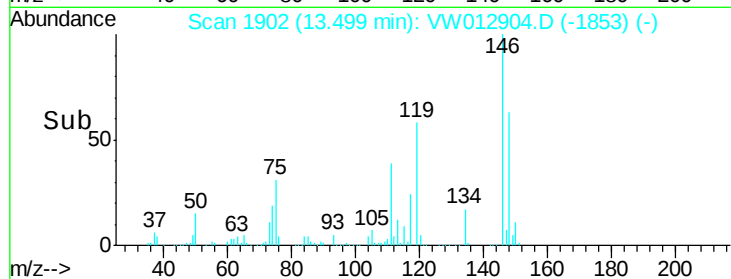
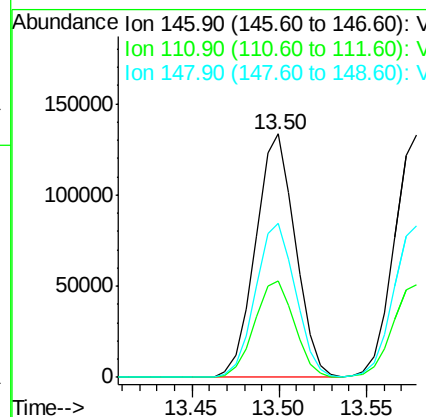
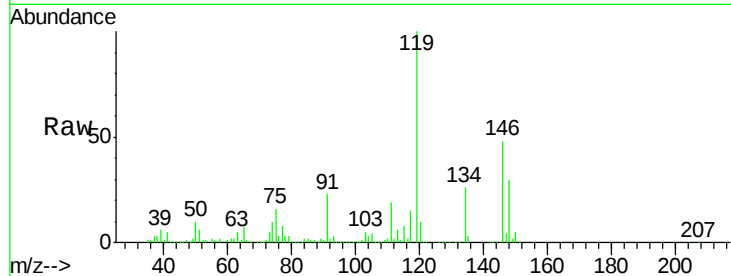
#87
 1,3-Dichlorobenzene
 Concen: 50.092 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	210367		
111	39.9	20.4	61.2	
148	63.7	31.8	95.4	

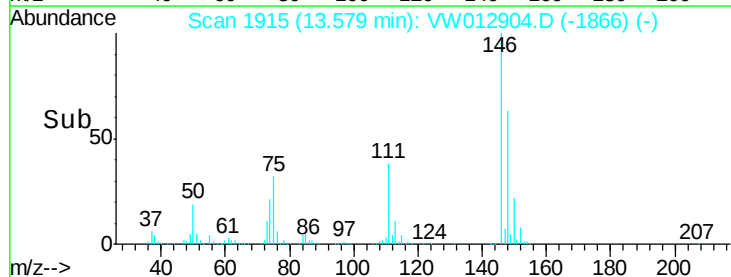
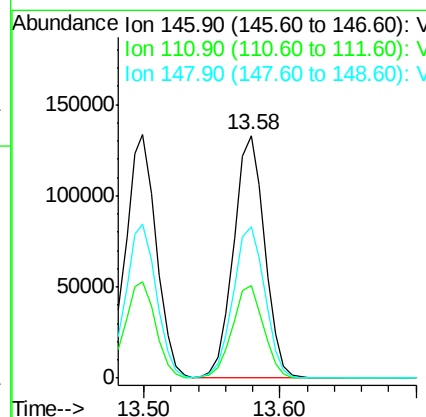
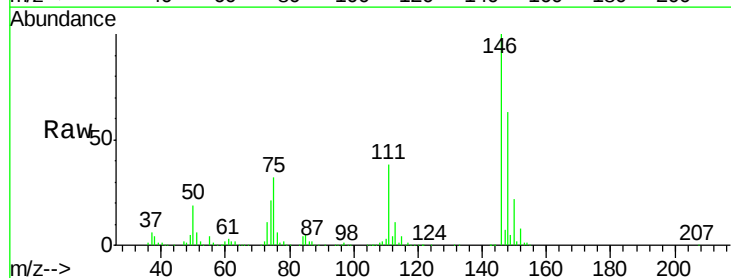
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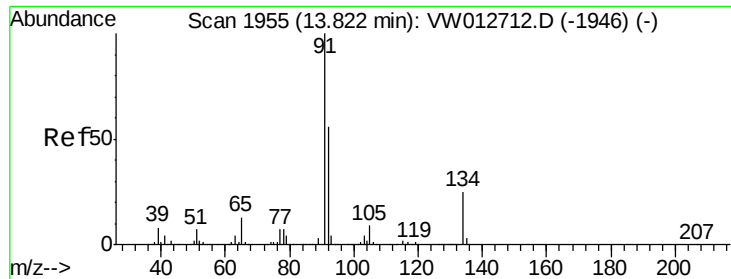
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#88
 1,4-Dichlorobenzene
 Concen: 50.428 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	210733		
111	38.5	20.0	60.0	
148	64.0	32.2	96.6	





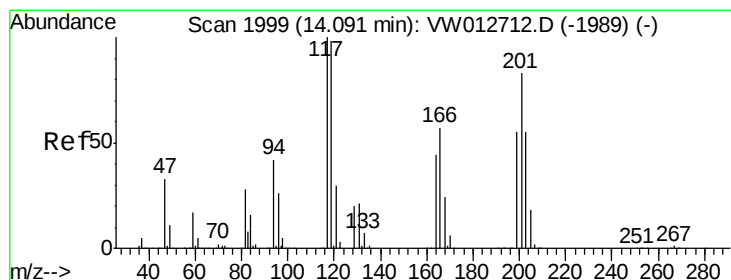
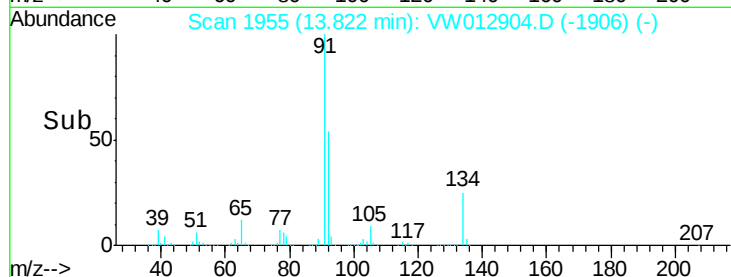
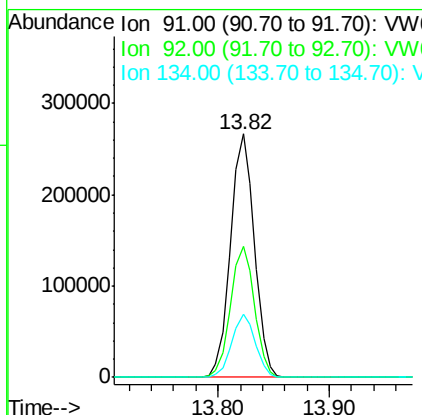
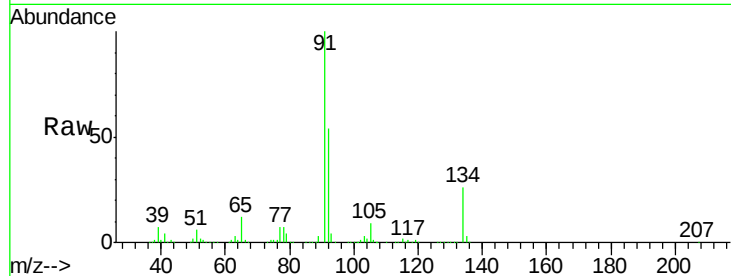
#89
n-Butylbenzene
Concen: 45.694 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	395083		
92	54.1	27.2	81.5	
134	25.7	12.7	38.1	

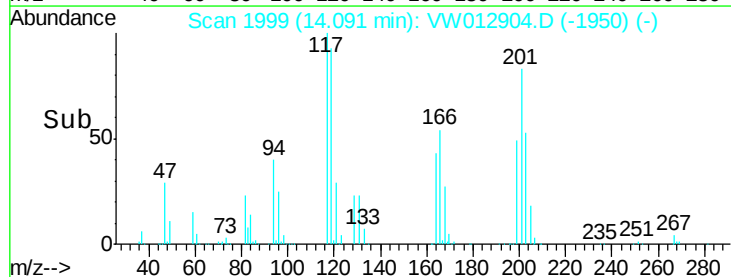
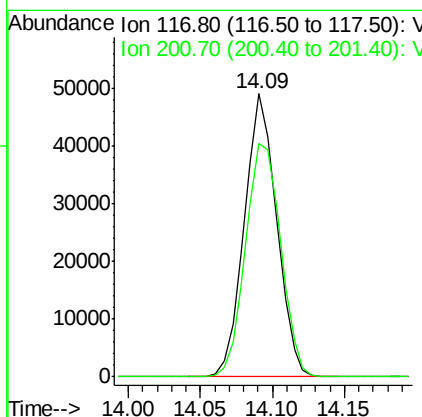
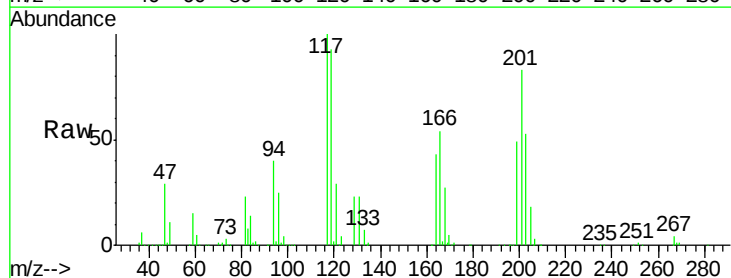
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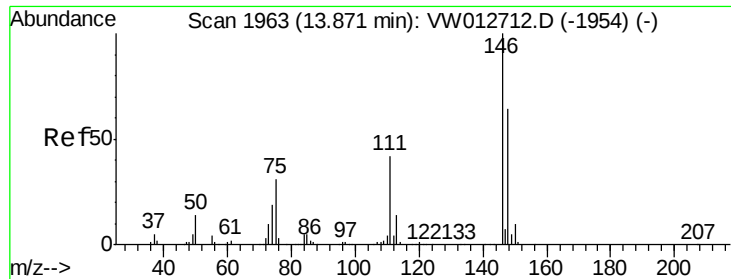
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#90
Hexachloroethane
Concen: 49.045 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	76253		
201	89.8	42.8	128.4	





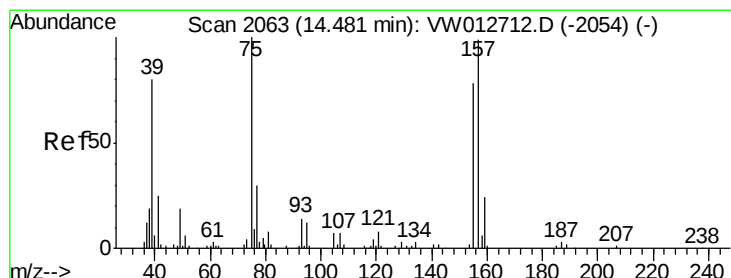
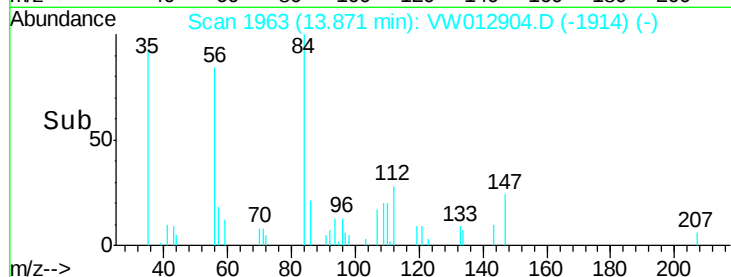
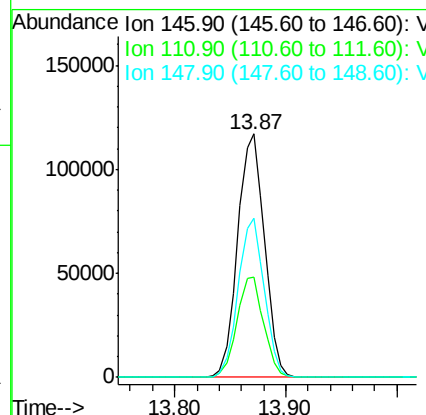
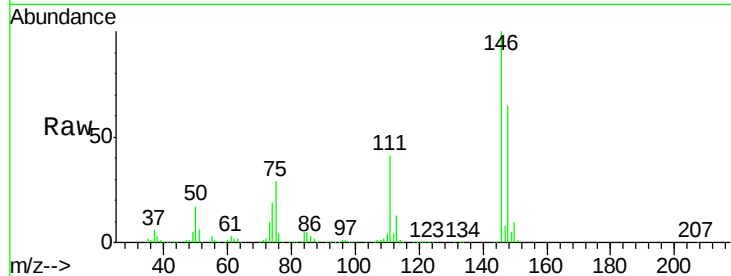
#91
 1,2-Dichlorobenzene
 Concen: 51.608 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	63.9
148	63.3	32.1	96.5

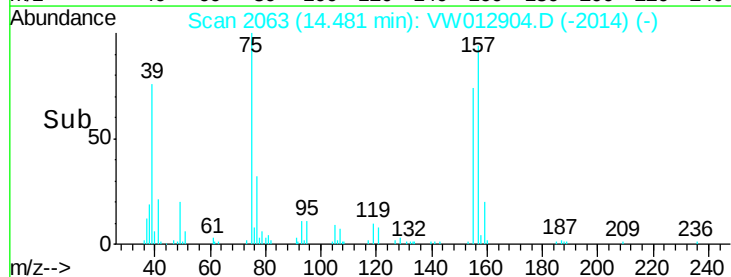
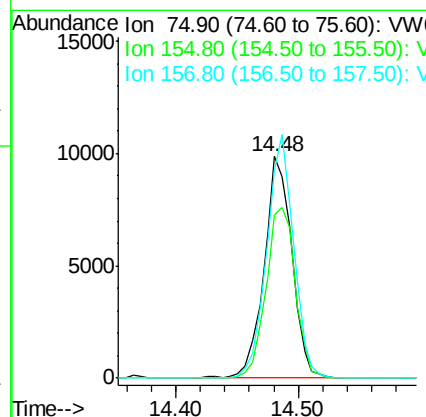
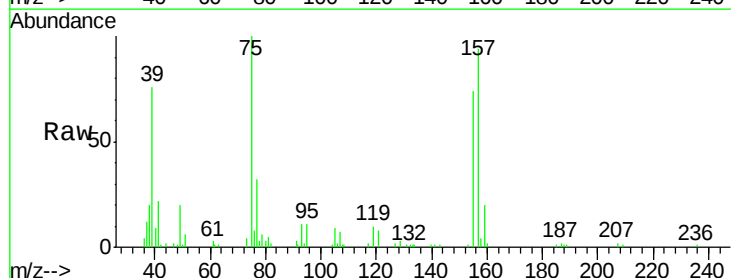
Manual Integrations
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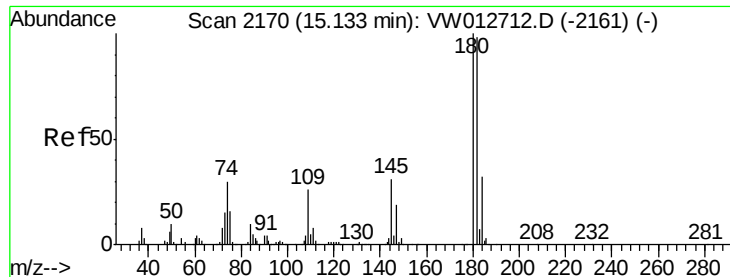
MMDadoda
 9/11/2019 9:26:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.060 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	40.6	122.0
157	106.0	52.5	157.5





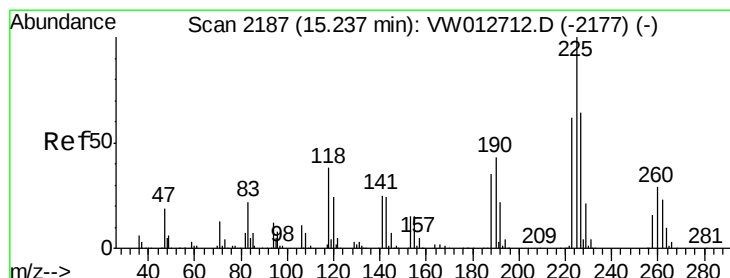
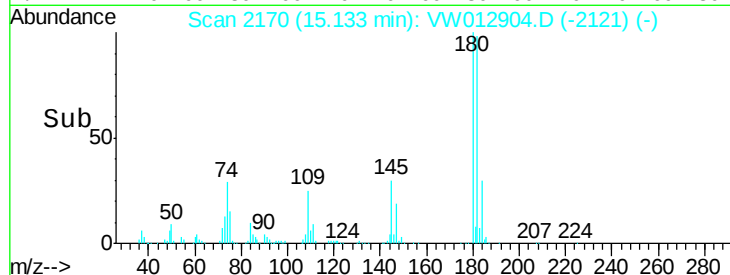
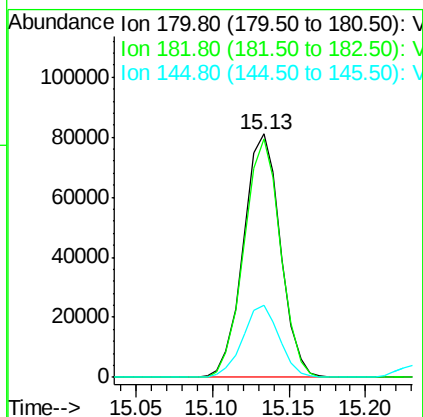
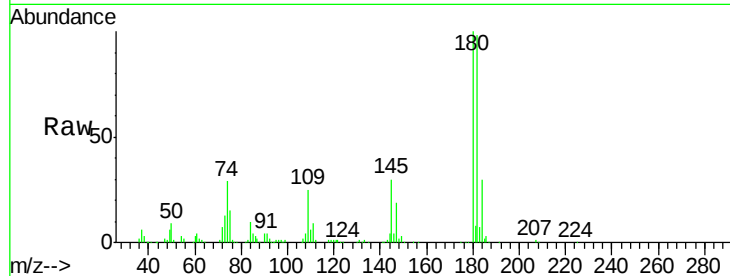
#93
 1,2,4-Trichlorobenzene
 Concen: 51.692 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136037		
182	96.6	48.7	146.1	
145	29.4	15.0	45.1	

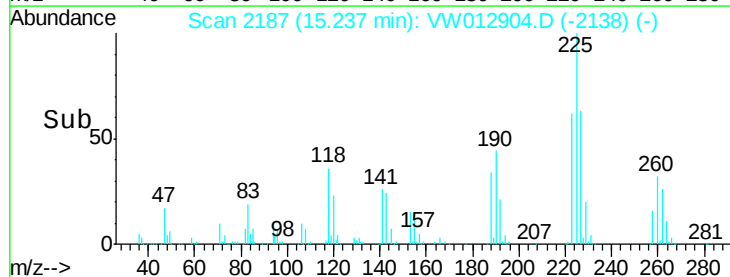
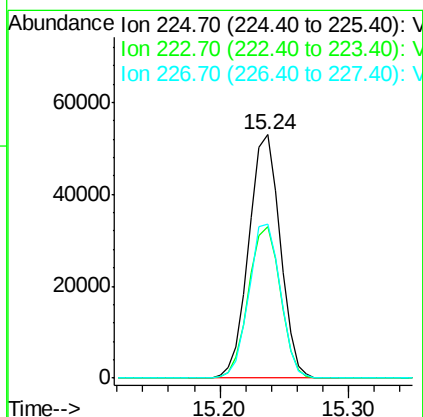
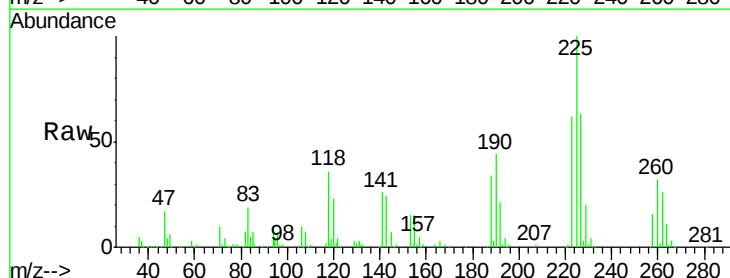
Manual Integrations
 APPROVED

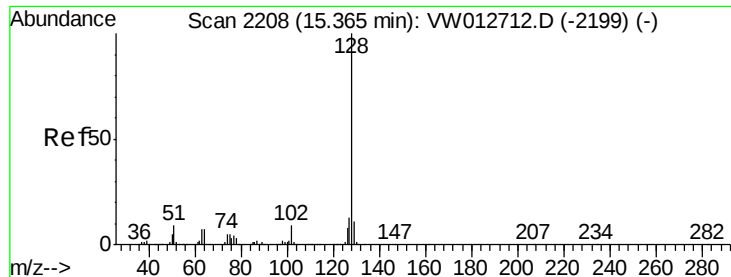
MMDadoda
 9/11/2019 9:26:16 AM



#94
 Hexachlorobutadiene
 Concen: 48.854 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012904.D
 Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88990		
223	63.2	31.1	93.3	
227	63.8	31.4	94.2	





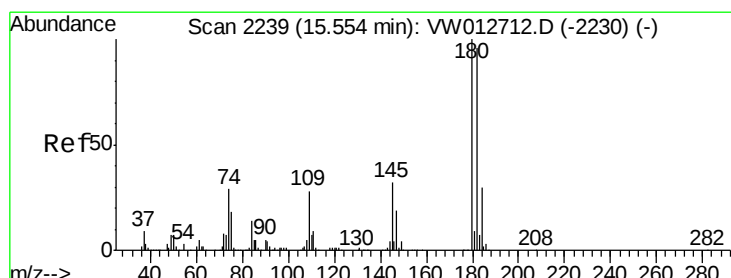
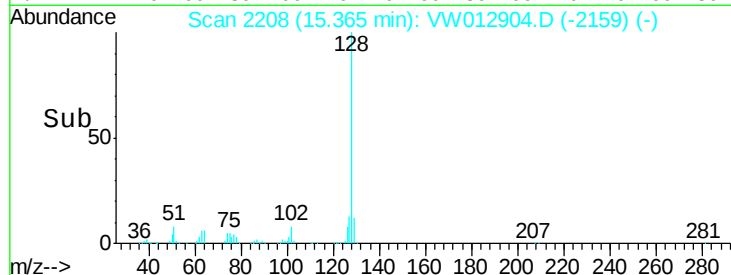
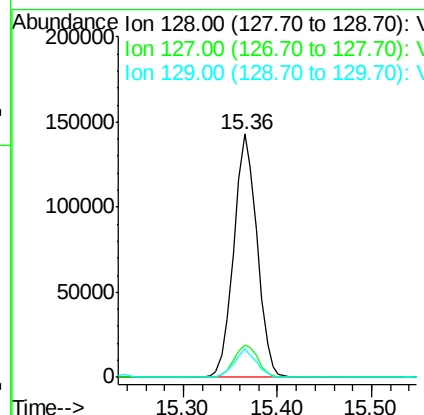
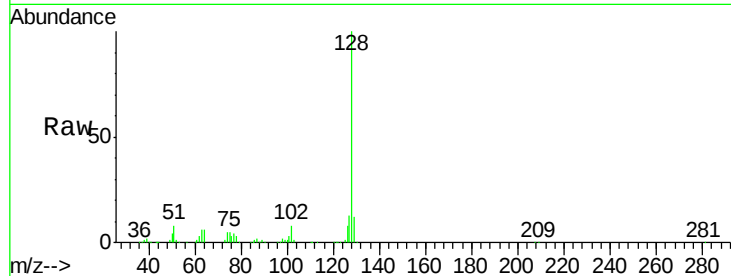
#95
Naphthalene
Concen: 44.902 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	244967		
127	13.7		10.7	16.1
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/11/2019 9:26:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.821 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012904.D
Acq: 11 Sep 2019 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	122703		
182	93.9		47.8	143.3
145	30.7		15.4	46.2

