

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013454.D
 Acq On : 07 Oct 2019 11:16
 Operator : SY/VA
 Sample : VW1007SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 1:31:07 PM

Quant Time: Oct 07 17:06:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	184563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112358	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	113509	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.32	98	475740	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	161015	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27178	23.119	ug/l	92
3) Chloromethane	2.21	50	40029	20.635	ug/l	97
4) Vinyl Chloride	2.36	62	56595	20.557	ug/l	99
5) Bromomethane	2.77	94	32771	19.375	ug/l	94
6) Chloroethane	2.91	64	30228	19.015	ug/l	98
7) Trichlorofluoromethane	3.25	101	23887	19.999	ug/l	90
8) Diethyl Ether	3.67	74	27215	19.686	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53348	20.146	ug/l	99
10) Methyl Iodide	4.26	142	83427	19.508	ug/l	99
11) Tert butyl alcohol	5.20	59	25817m	126.857	ug/l	
12) 1,1-Dichloroethene	4.03	96	55991	20.013	ug/l	95
13) Acrolein	3.89	56	22065	102.675	ug/l	97
14) Allyl chloride	4.66	41	85519	20.663	ug/l	98
15) Acrylonitrile	5.37	53	67020	107.242	ug/l	99
16) Acetone	4.13	43	58522	84.132	ug/l	98
17) Carbon Disulfide	4.38	76	158650	20.326	ug/l	97
18) Methyl Acetate	4.67	43	33364	20.493	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	83542	20.288	ug/l	99
20) Methylene Chloride	4.92	84	59575	19.421	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	58638	19.681	ug/l	96
22) Diisopropyl ether	6.31	45	157306	19.681	ug/l	98
23) Vinyl Acetate	6.25	43	498153	103.867	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96801	19.884	ug/l	99
25) 2-Butanone	7.17	43	87384	98.177	ug/l	93
26) 2,2-Dichloropropane	7.16	77	62080	21.079	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62060	19.899	ug/l	98
28) Bromochloromethane	7.51	49	31069	17.651	ug/l	97
29) Tetrahydrofuran	7.53	42	56583	114.752	ug/l	99
30) Chloroform	7.67	83	92030	19.278	ug/l	99
31) Cyclohexane	7.95	56	104252	20.080	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76447	20.441	ug/l	98
36) 1,1-Dichloropropene	8.08	75	81832	21.030	ug/l	100
37) Ethyl Acetate	7.25	43	40716	23.787	ug/l	99
38) Carbon Tetrachloride	8.06	117	70716	20.979	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	106880	20.856	ug/l	97
40) Benzene	8.32	78	224731	20.402	ug/l	100
41) Methacrylonitrile	7.48	41	22461	21.692	ug/l	95
42) 1,2-Dichloroethane	8.40	62	58993	20.838	ug/l	98
43) Isopropyl Acetate	8.42	43	70822	21.911	ug/l	99
44) Trichloroethene	9.09	130	64435	20.773	ug/l	96
45) 1,2-Dichloropropane	9.37	63	53204	20.117	ug/l	97
46) Dibromomethane	9.46	93	26655	20.234	ug/l	94
47) Bromodichloromethane	9.64	83	66834	20.609	ug/l	93
48) Methyl methacrylate	9.43	41	35147	22.631	ug/l	96
49) 1,4-Dioxane	9.46	88	10908	527.087	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	187955	110.678	ug/l	99
52) Toluene	10.38	92	146013	20.551	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	70436	20.881	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85469	20.898	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40243	20.478	ug/l	96
56) Ethyl methacrylate	10.65	69	56280	21.277	ug/l	96
57) 1,3-Dichloropropane	10.93	76	70864	20.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	125898	115.871	ug/l	98
59) 2-Hexanone	10.96	43	129919	110.374	ug/l	99
60) Dibromochloromethane	11.13	129	47324	21.050	ug/l	98
61) 1,2-Dibromoethane	11.23	107	40298	21.221	ug/l	98
64) Tetrachloroethene	10.86	164	55163	20.296	ug/l	98
65) Chlorobenzene	11.66	112	149744	20.460	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52677	21.132	ug/l	98
67) Ethyl Benzene	11.73	91	276090	21.048	ug/l	99
68) m/p-Xylenes	11.84	106	210373	41.550	ug/l	100
69) o-Xylene	12.16	106	95222	20.341	ug/l	99
70) Styrene	12.18	104	165431	20.673	ug/l	99
71) Bromoform	12.35	173	29880	22.109	ug/l #	99
73) Isopropylbenzene	12.46	105	273829	20.283	ug/l	98
74) N-amyl acetate	12.27	43	60909	21.199	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	49399	21.619	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	45096m	27.492	ug/l	
77) Bromobenzene	12.74	156	64823	19.997	ug/l	100
78) n-propylbenzene	12.80	91	316348	20.371	ug/l	100
79) 2-Chlorotoluene	12.89	91	176183	20.426	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	225116	20.073	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	16224	23.466	ug/l	95
82) 4-Chlorotoluene	12.99	91	183274	20.284	ug/l	97
83) tert-Butylbenzene	13.21	119	200842	20.503	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	221058	19.828	ug/l	100
85) sec-Butylbenzene	13.38	105	280367	20.759	ug/l	99
86) p-Isopropyltoluene	13.50	119	258261	20.634	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	121563	19.932	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	121862	19.956	ug/l	99
89) n-Butylbenzene	13.82	91	234644	20.794	ug/l	99
90) Hexachloroethane	14.09	117	43312	20.946	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	108353	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7797	22.813	ug/l	94

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	78510	20.291	ug/l	98
94) Hexachlorobutadiene	15.23	225	52728	20.979	ug/l	99
95) Naphthalene	15.36	128	143847	22.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	69346	20.528	ug/l	99

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

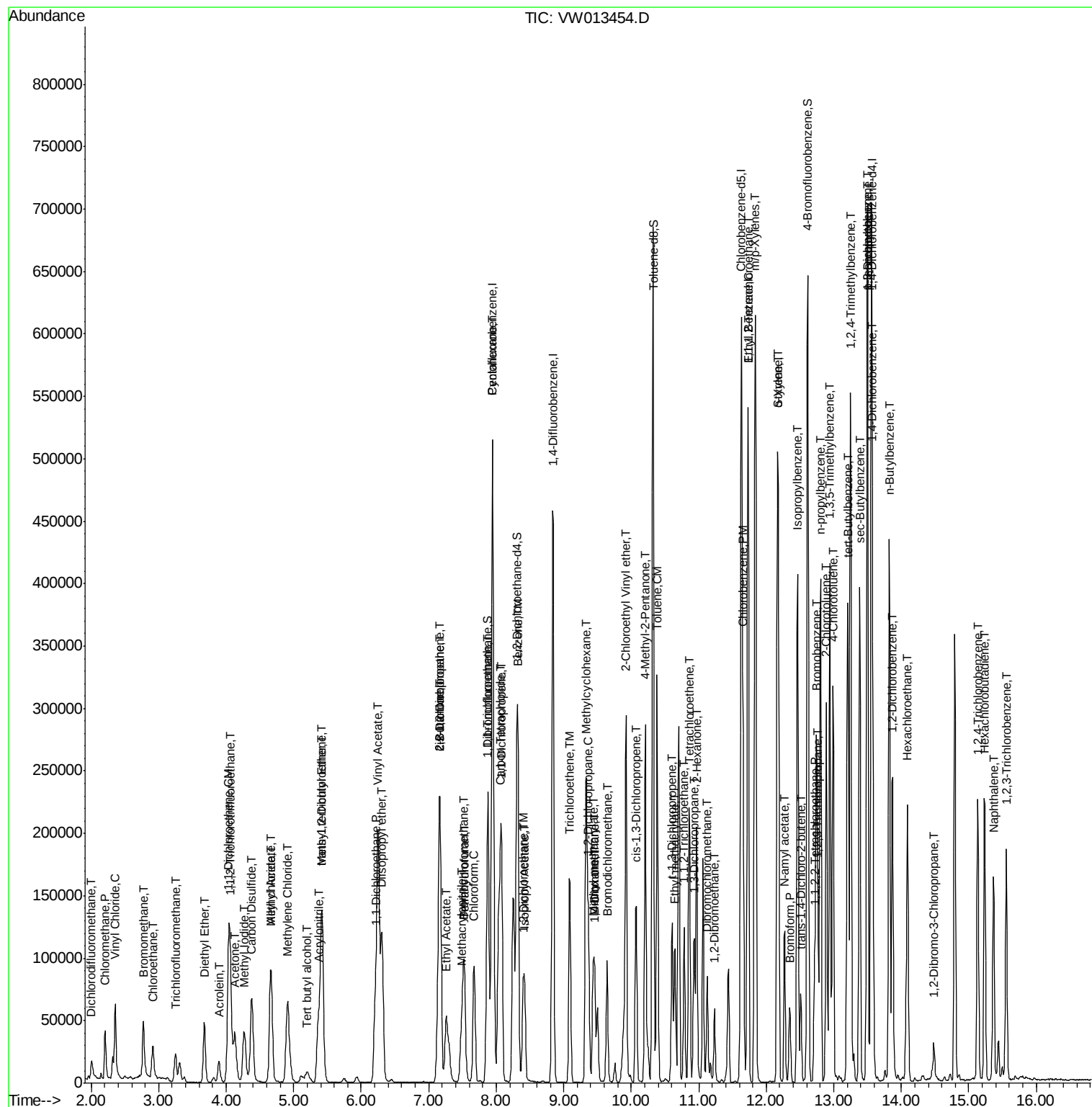
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Data File : VW013454.D
Acq On : 07 Oct 2019 11:16
Operator : SY/VA
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

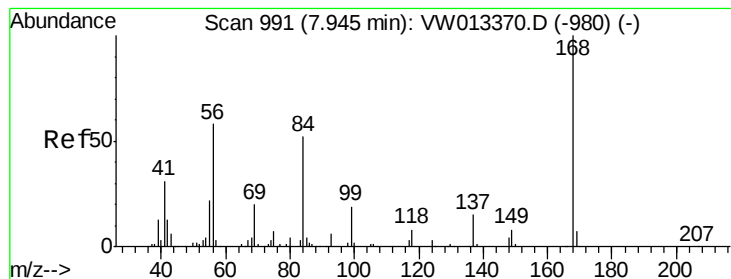
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

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Quant Title : SW846 8260
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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: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion:168 Resp: 303928

Ion Ratio Lower Upper

168 100

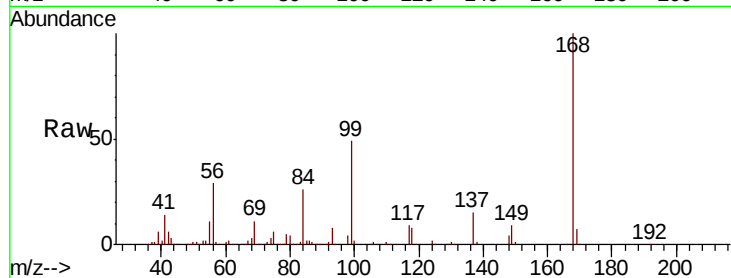
99 49.0 40.2 60.4

Manual Integrations

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10/8/2019 1:31:07 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

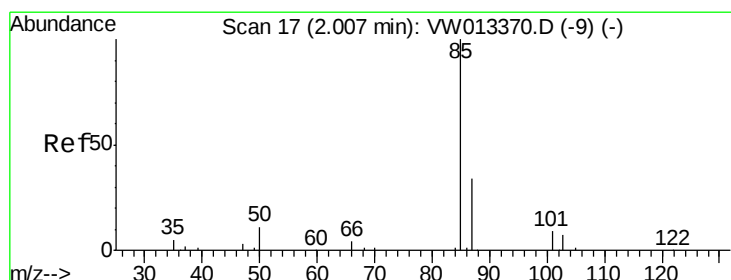
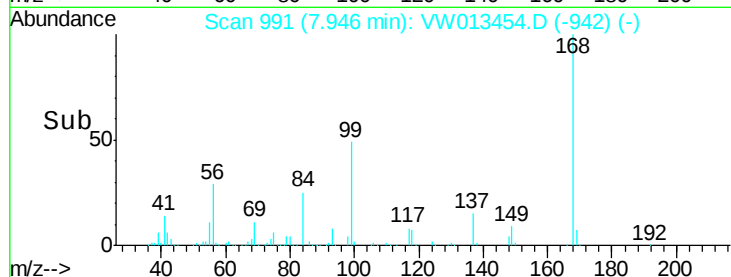
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.119 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013454.D

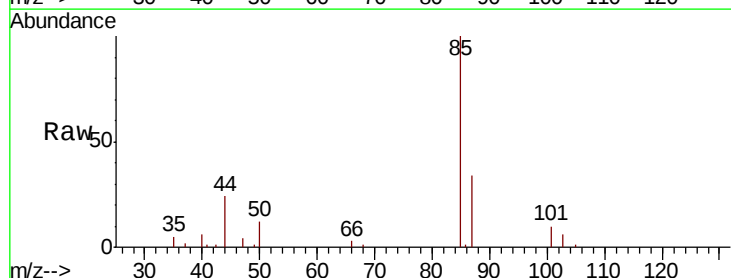
Acq: 07 Oct 2019 11:16

Tgt Ion: 85 Resp: 27178

Ion Ratio Lower Upper

85 100

87 34.4 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

8000

6000

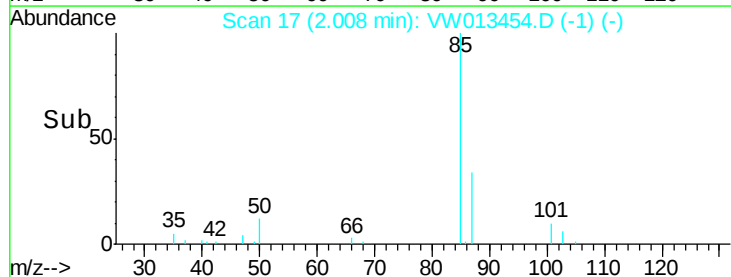
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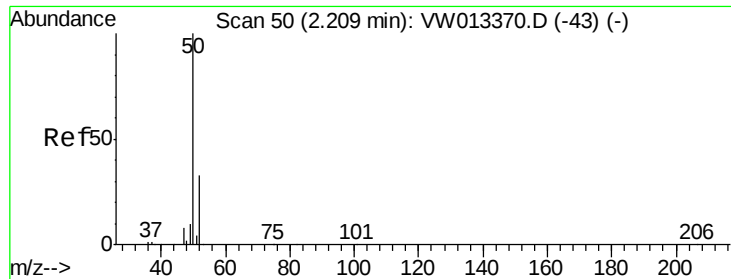
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 20.635 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 50 Resp: 40029

Ion Ratio Lower Upper

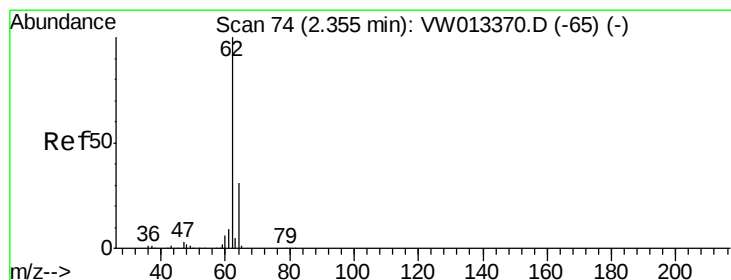
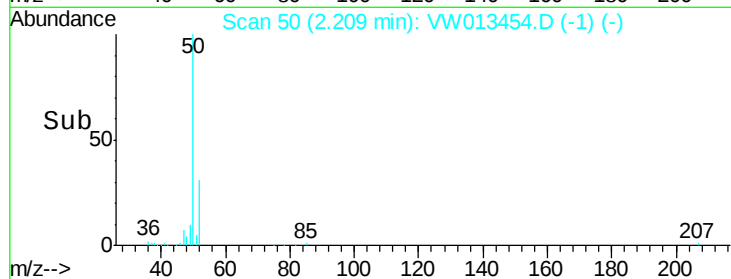
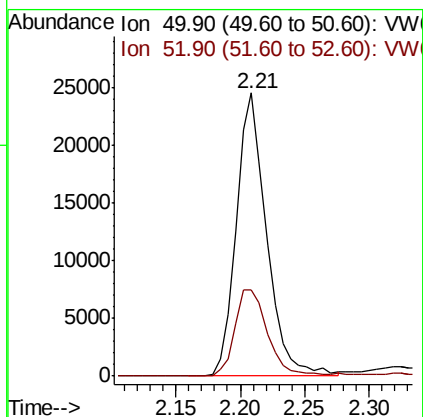
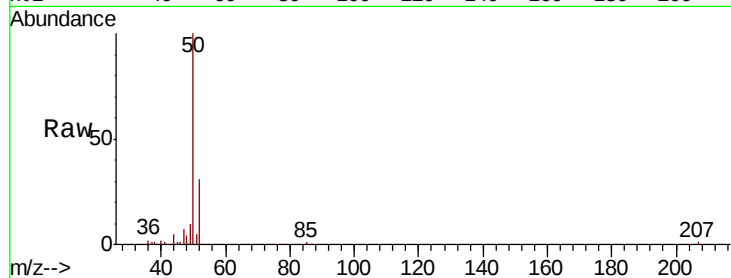
50 100

52 30.7 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.557 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013454.D

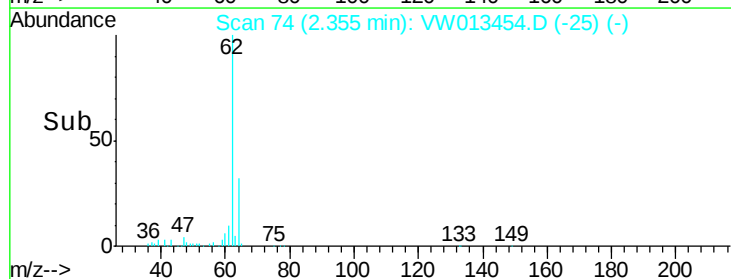
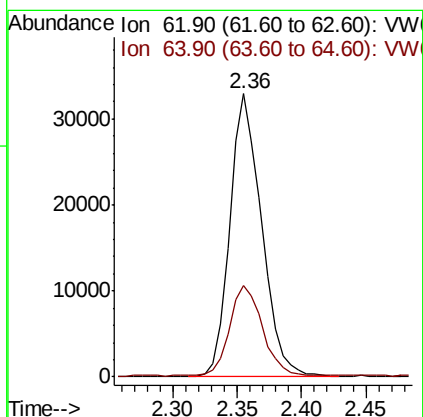
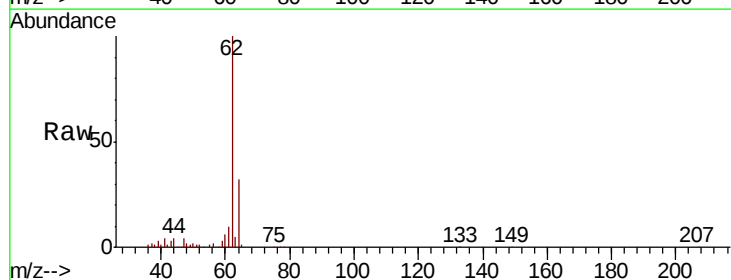
Acq: 07 Oct 2019 11:16

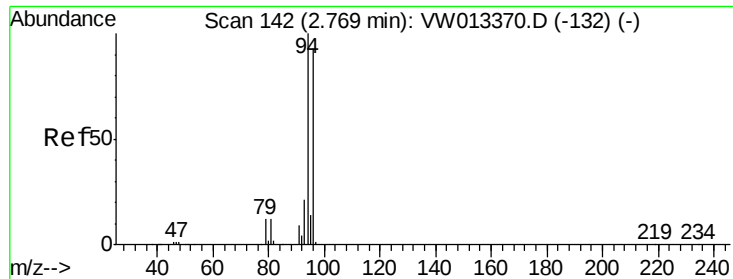
Tgt Ion: 62 Resp: 56595

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 19.375 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 94 Resp: 32771

Ion Ratio Lower Upper

94 100

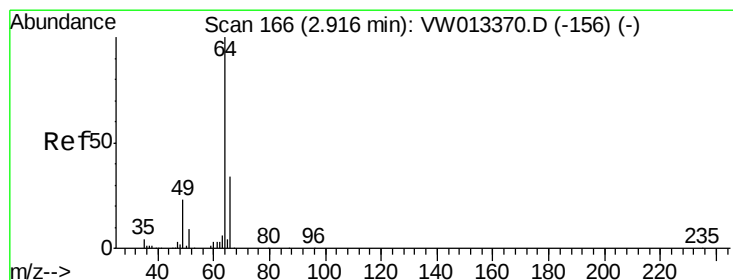
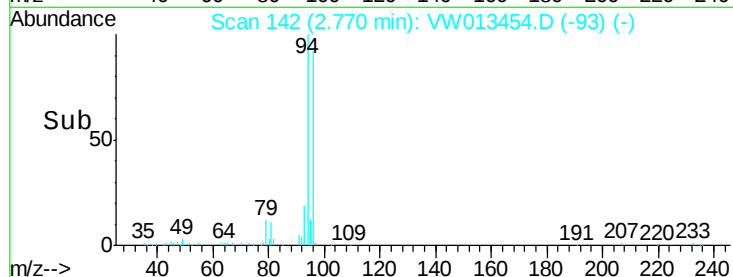
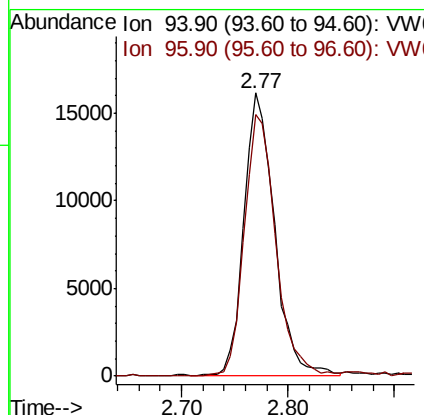
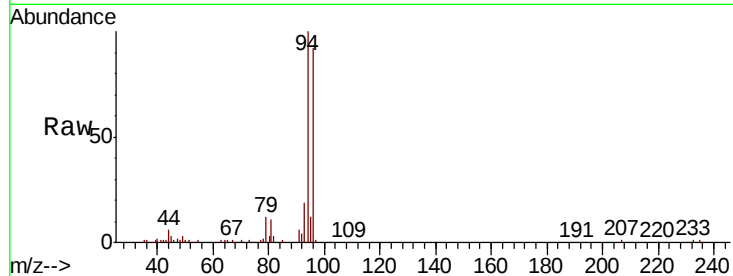
96 92.5 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 19.015 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013454.D

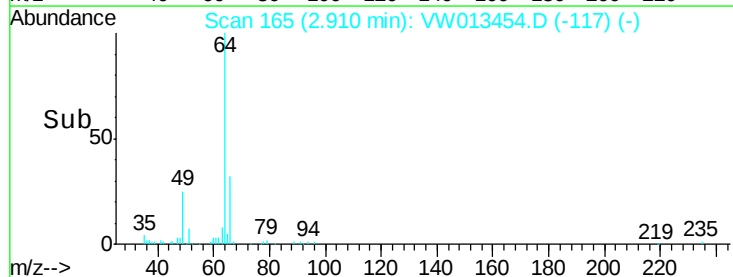
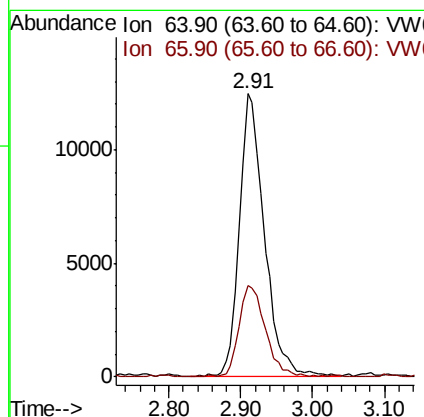
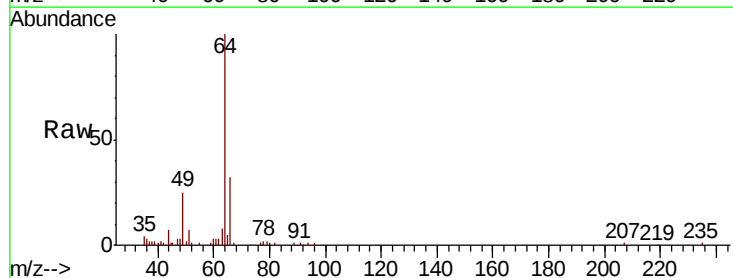
Acq: 07 Oct 2019 11:16

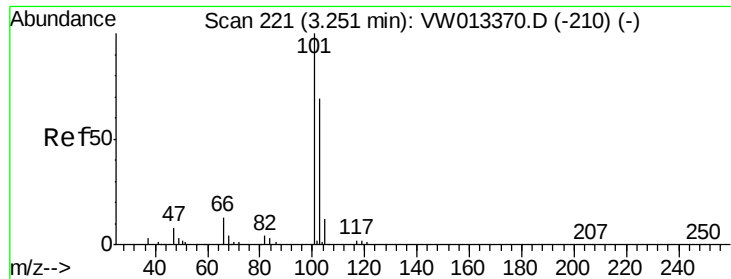
Tgt Ion: 64 Resp: 30228

Ion Ratio Lower Upper

64 100

66 32.1 26.6 39.8





#7

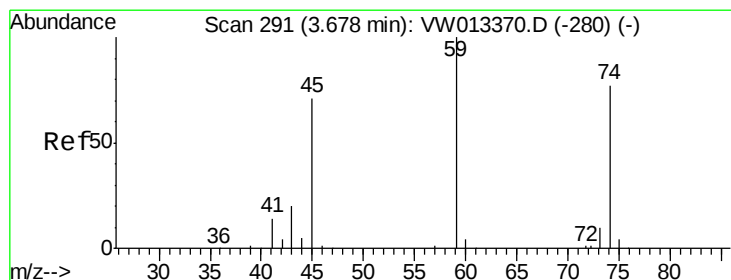
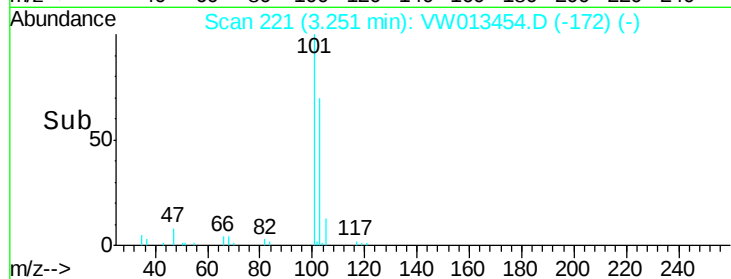
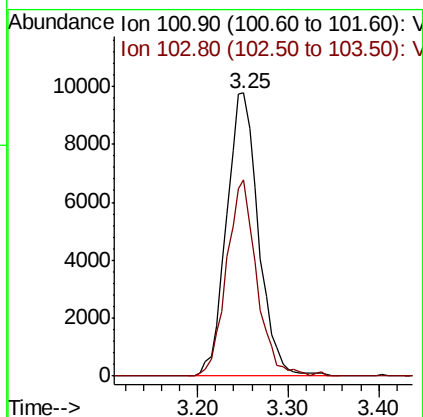
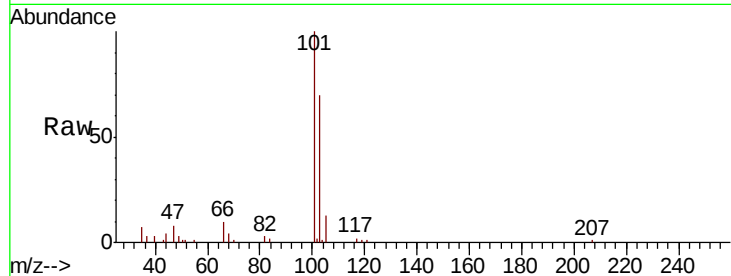
Trichlorofluoromethane
Concen: 19.999 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion:101 Resp: 23887
Ion Ratio Lower Upper
101 100
103 69.6 49.7 74.5

Manual Integrations
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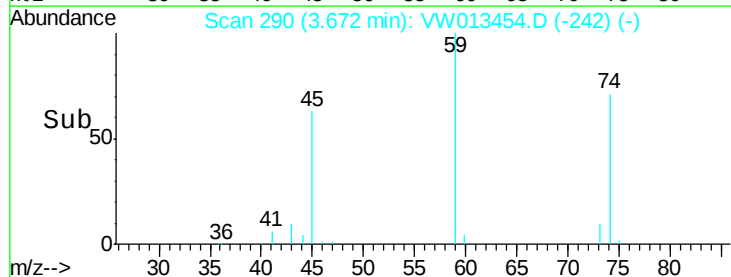
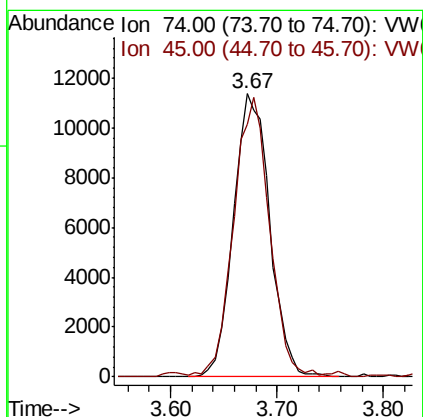
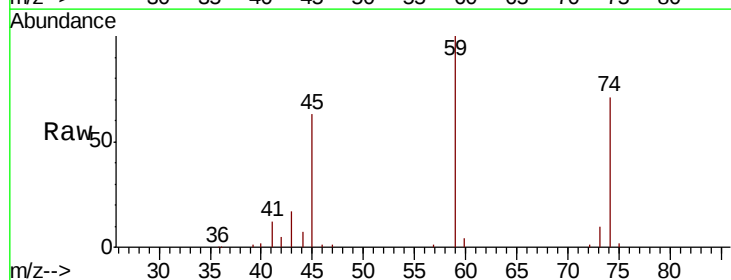
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10/8/2019 1:31:07 PM

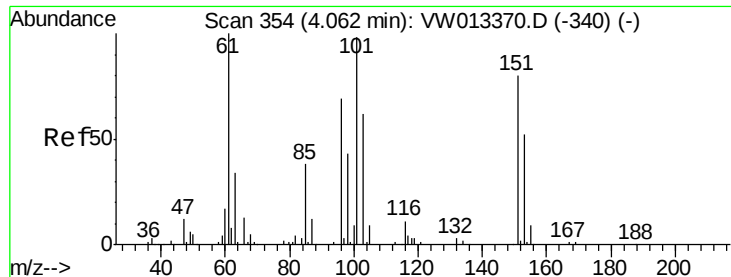


#8

Diethyl Ether
Concen: 19.686 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion: 74 Resp: 27215
Ion Ratio Lower Upper
74 100
45 95.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.146 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

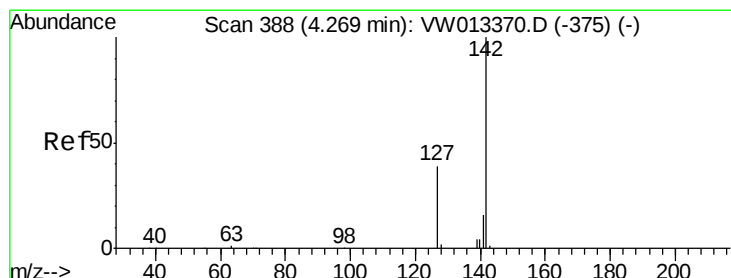
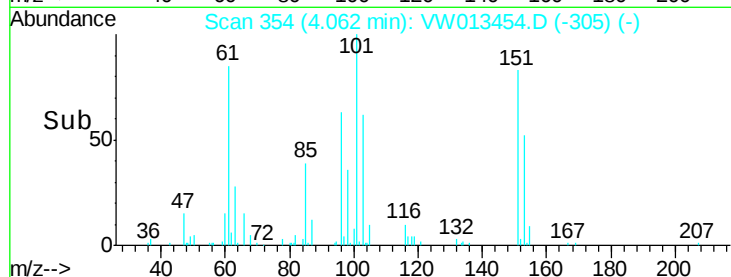
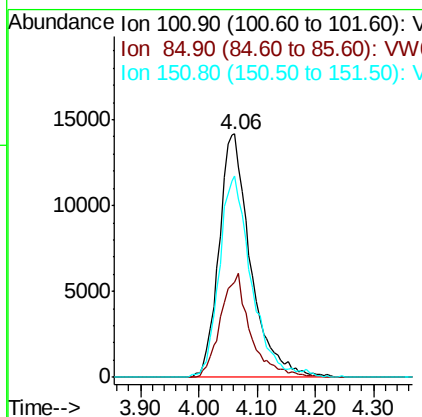
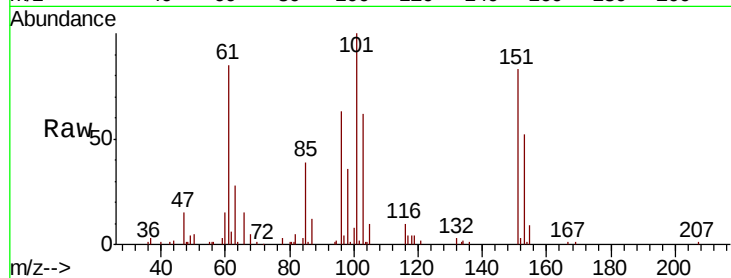
ClientSampleId :

VW1007SBS01

Tot Ion:	101	Resp:	53348
Ion Ratio	Lower	Upper	
101	100		
85	40.2	33.4	50.0
151	83.3	66.9	100.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.508 ug/l

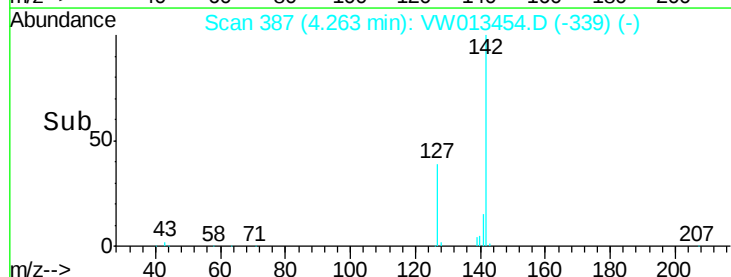
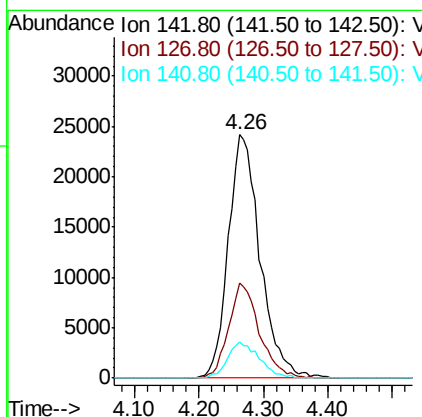
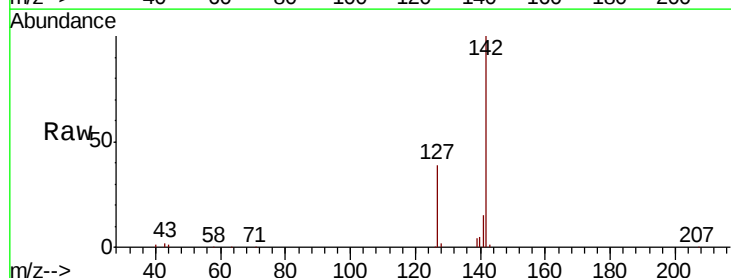
RT: 4.26 min Scan# 387

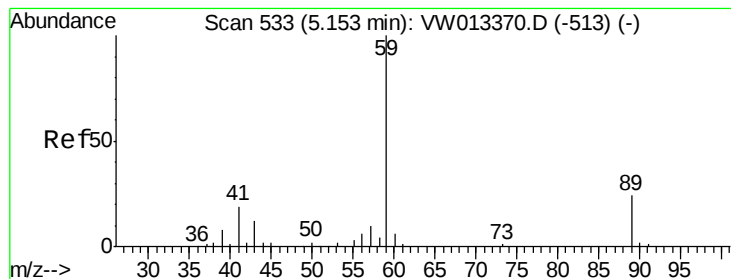
Delta R.T. -0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Tgt Ion:	142	Resp:	83427
Ion Ratio	Lower	Upper	
142	100		
127	37.7	30.9	46.3
141	14.8	11.7	17.5





#11

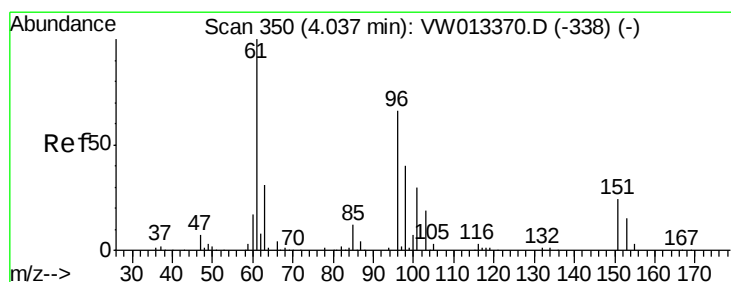
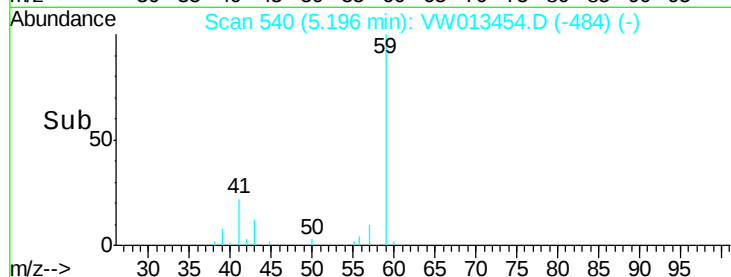
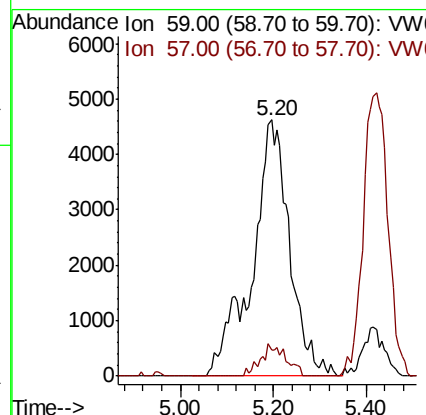
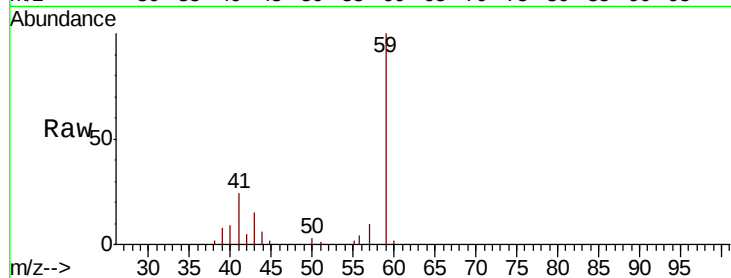
Tert butyl alcohol
 Concen: 126.857 ug/l m
 RT: 5.20 min Scan# 540
 Delta R.T. 0.04 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion: 59 Resp: 25817
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

Manual Integrations
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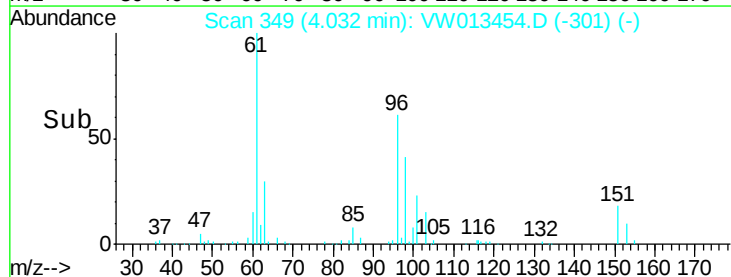
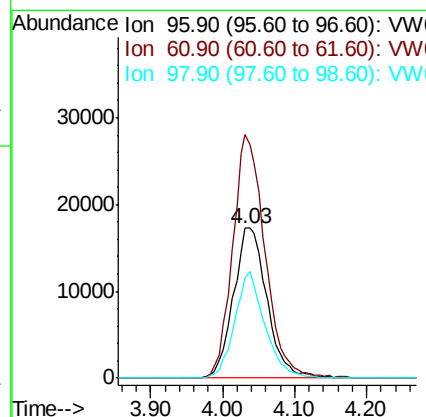
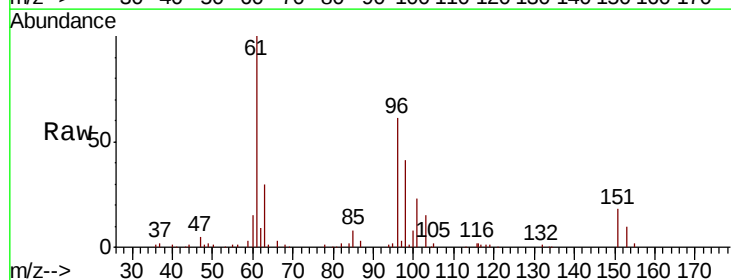
MMDadoda
 10/8/2019 1:31:07 PM

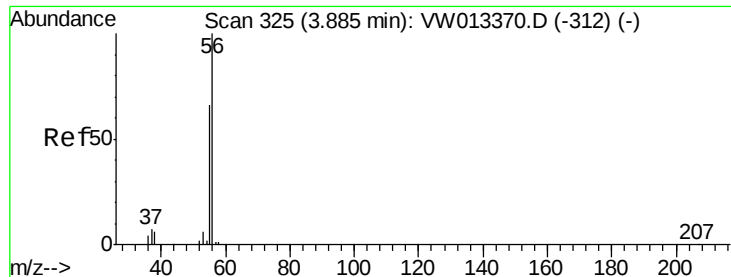


#12

1,1-Dichloroethene
 Concen: 20.013 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Tgt Ion: 96 Resp: 55991
 Ion Ratio Lower Upper
 96 100
 61 162.6 125.1 187.7
 98 66.9 50.8 76.2





#13

Acrolein

Concen: 102.675 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 56 Resp: 22065

Ion Ratio Lower Upper

56 100

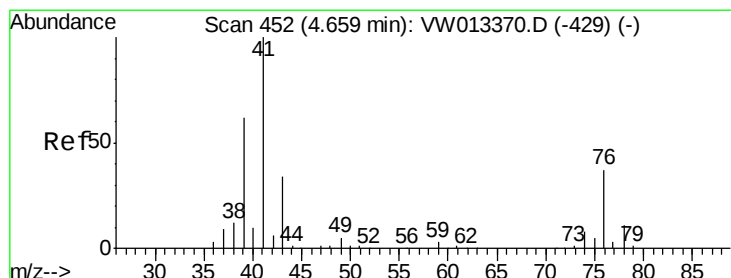
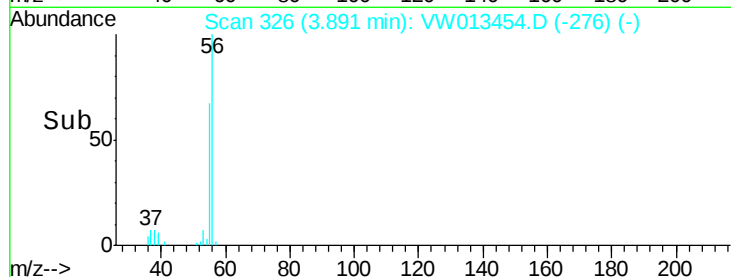
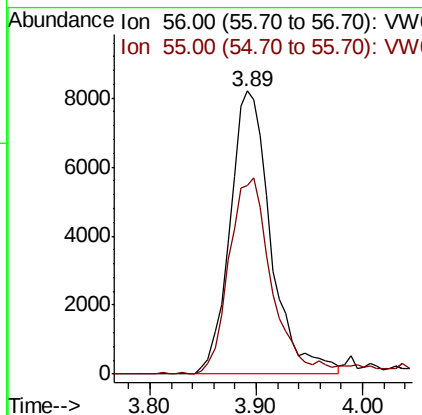
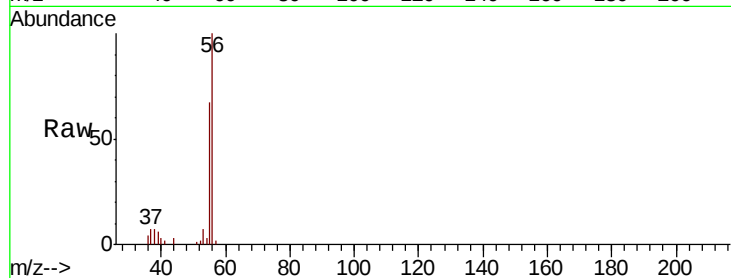
55 71.7 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.663 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

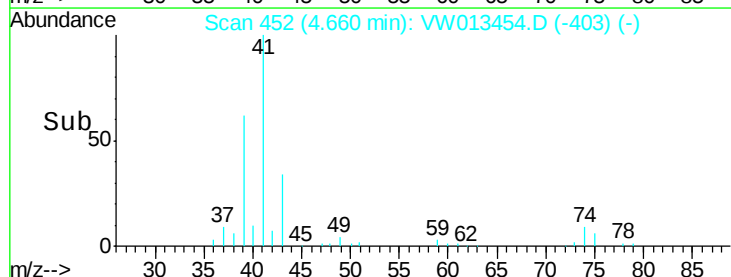
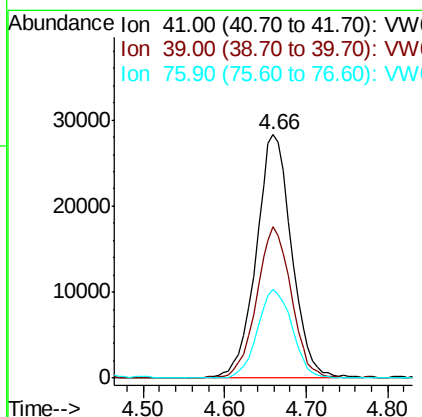
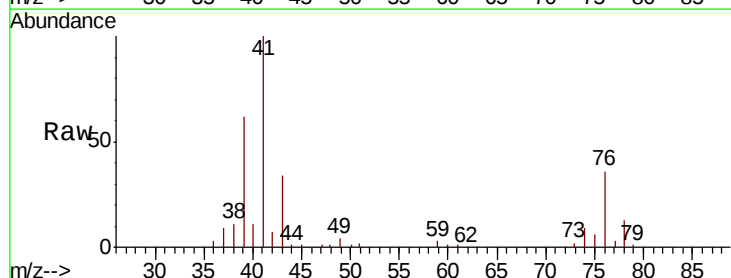
Tgt Ion: 41 Resp: 85519

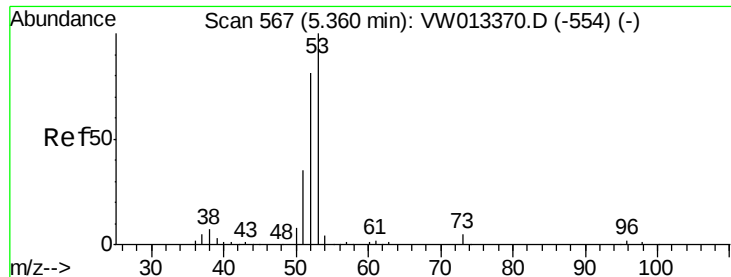
Ion Ratio Lower Upper

41 100

39 60.9 51.0 76.4

76 35.4 28.4 42.6





#15

Acrylonitrile

Concen: 107.242 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

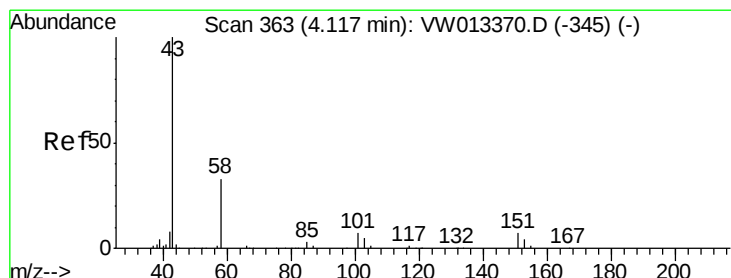
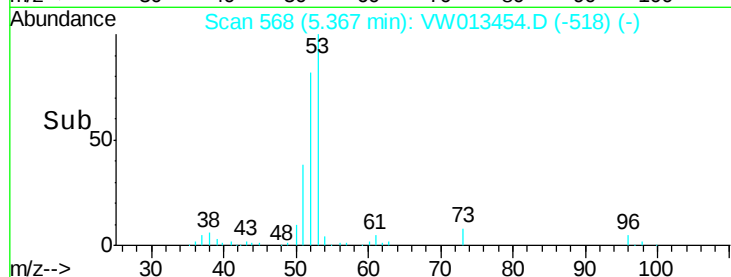
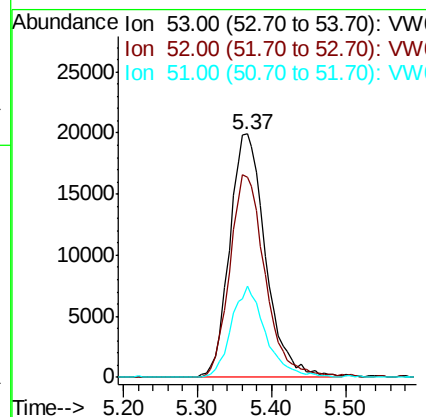
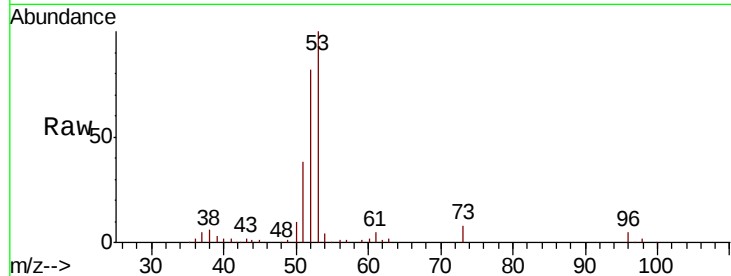
ClientSampleId :

VW1007SBS01

Tot Ion:	53	Resp:	67020
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	35.7	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 84.132 ug/l

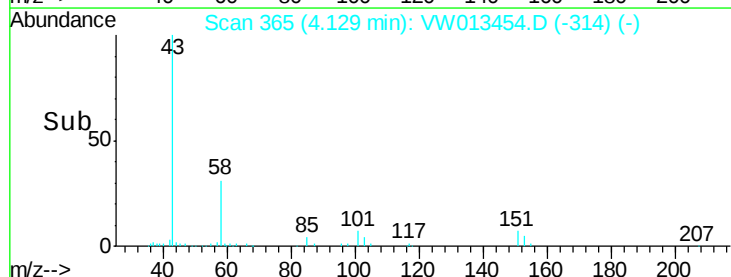
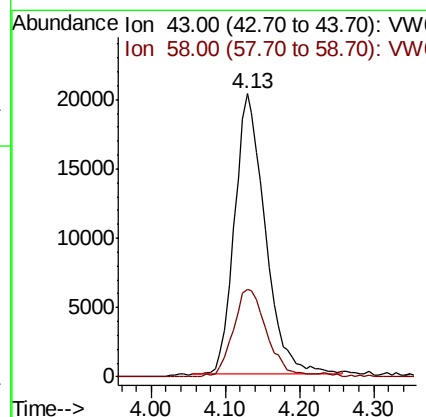
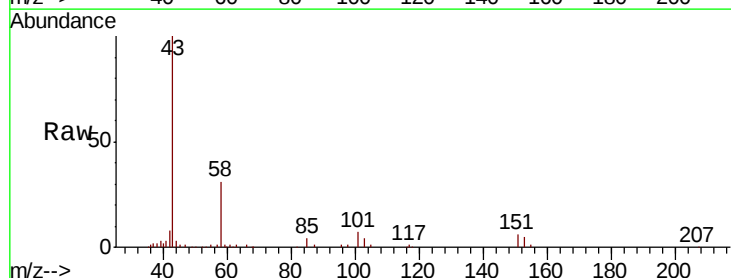
RT: 4.13 min Scan# 365

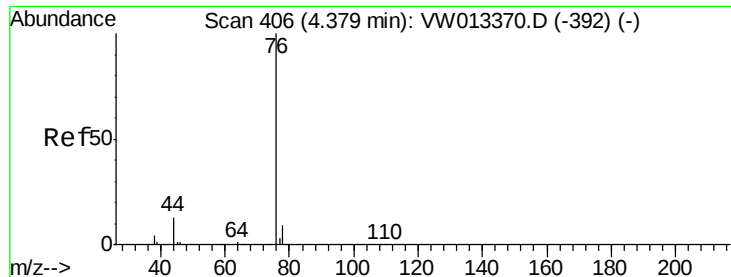
Delta R.T. 0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Tgt Ion:	43	Resp:	58522
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.1	36.1





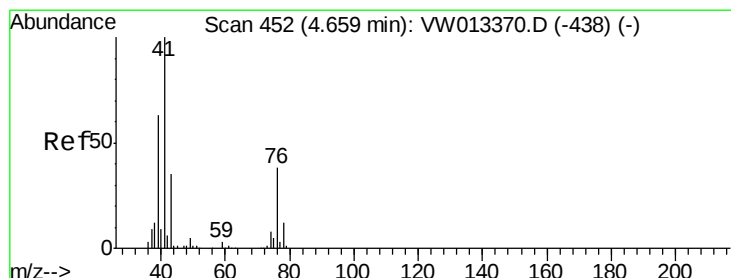
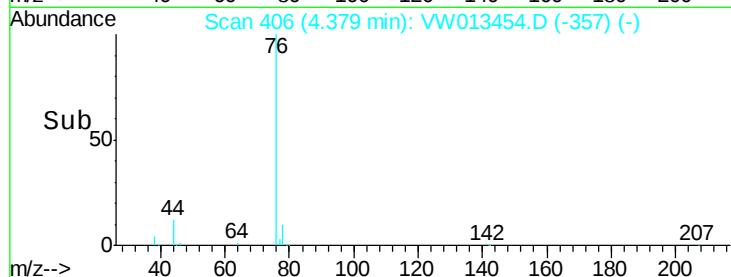
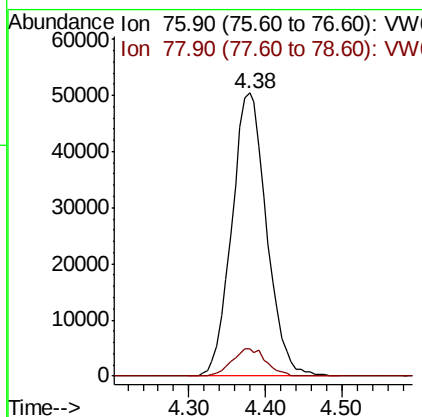
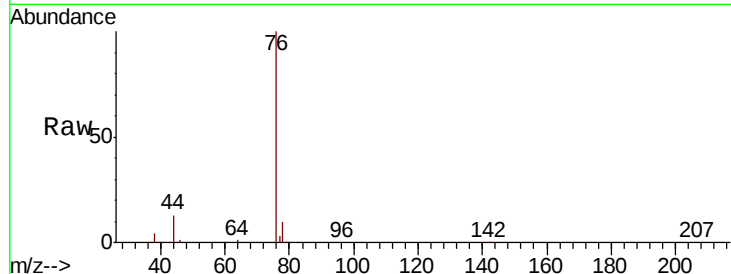
#17
Carbon Disulfide
Concen: 20.326 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.0	10.4

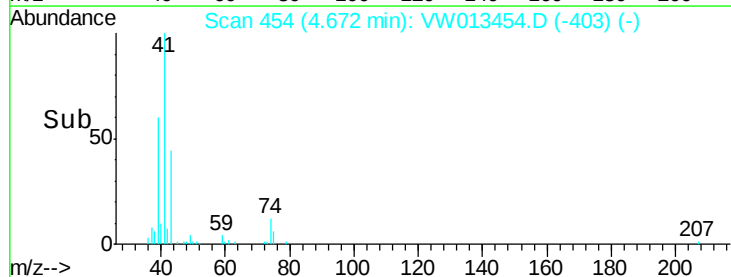
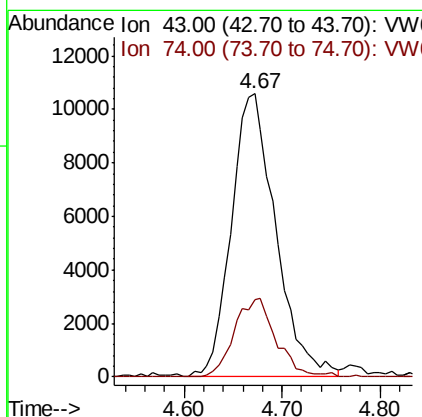
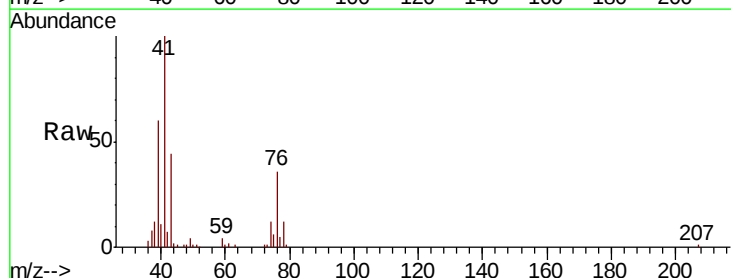
Manual Integrations
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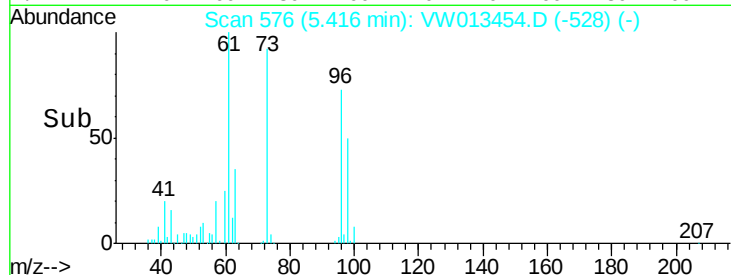
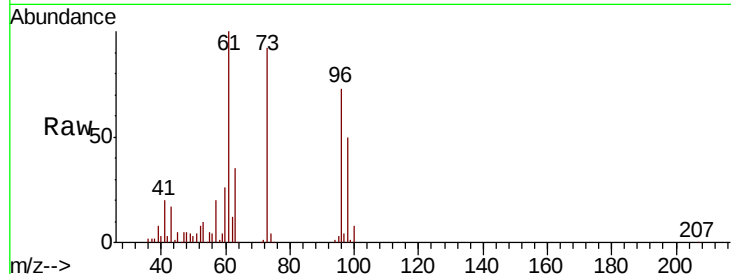
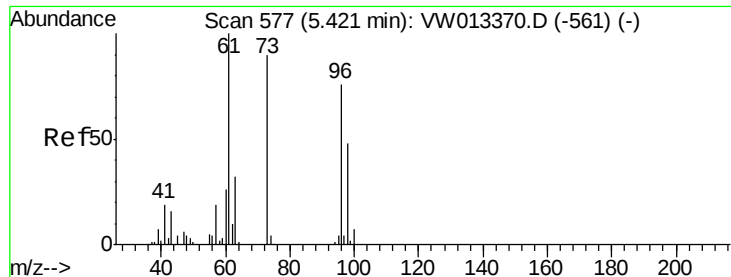
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#18
Methyl Acetate
Concen: 20.493 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	19.3	28.9





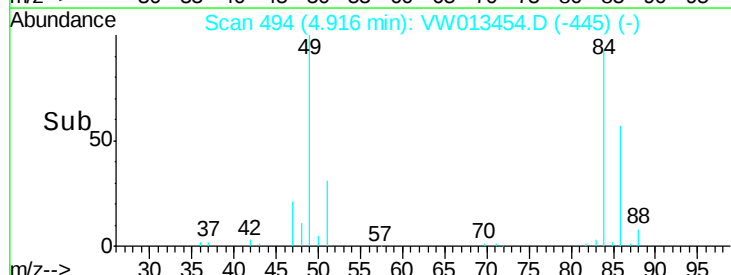
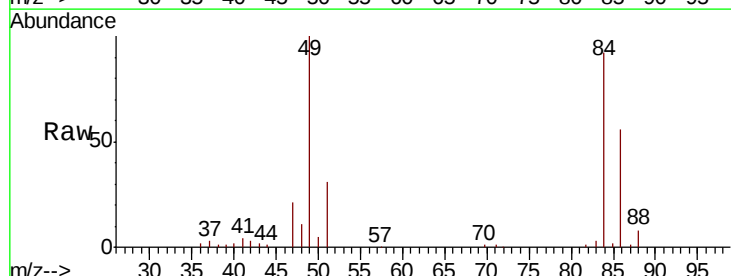
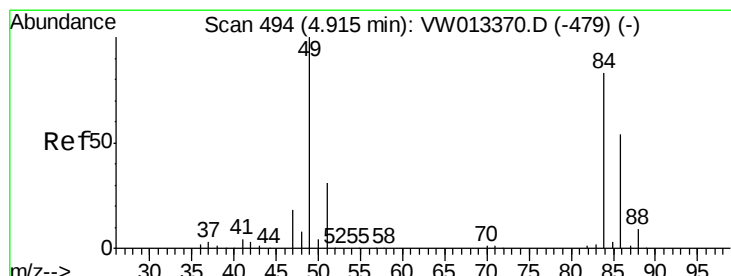
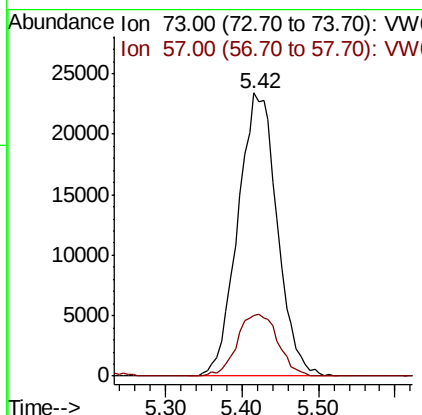
#19
Methyl tert-butyl Ether
Concen: 20.288 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tot Ion: 73 Resp: 83542
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

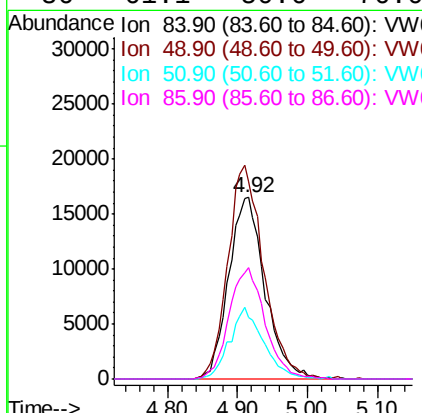
Manual Integrations
APPROVED

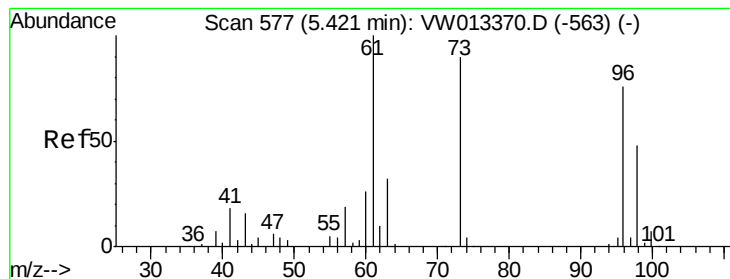
MMDadoda
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#20
Methylene Chloride
Concen: 19.421 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion: 84 Resp: 59575
Ion Ratio Lower Upper
84 100
49 108.8 97.6 146.4
51 34.1 30.2 45.2
86 61.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.681 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 96 Resp: 58638

Ion Ratio Lower Upper

96 100

61 128.9 106.6 159.8

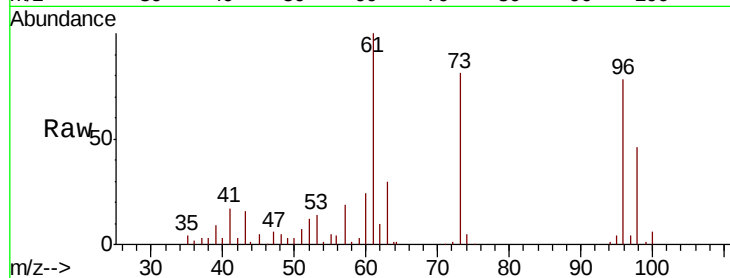
98 58.7 49.8 74.8

Manual Integrations

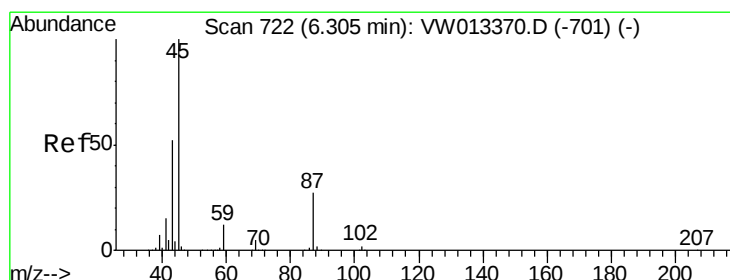
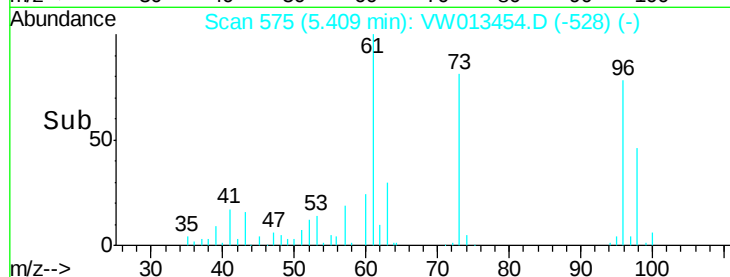
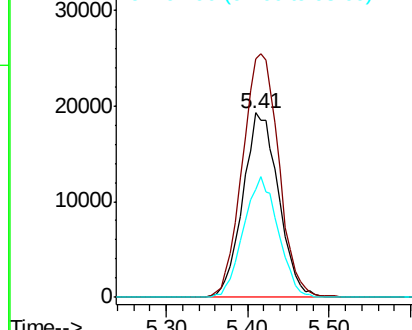
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.681 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Tgt Ion: 45 Resp: 157306

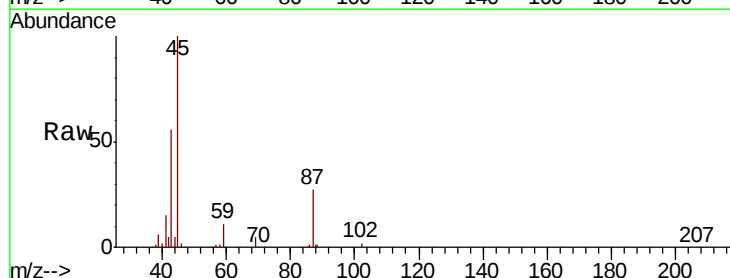
Ion Ratio Lower Upper

45 100

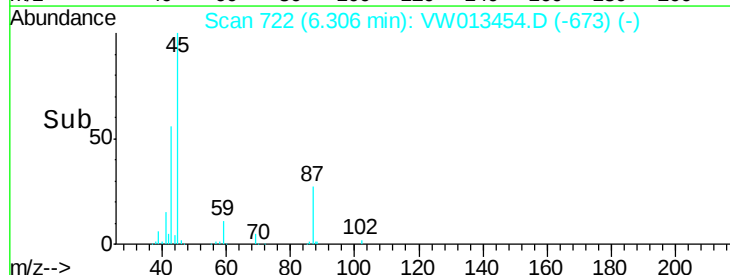
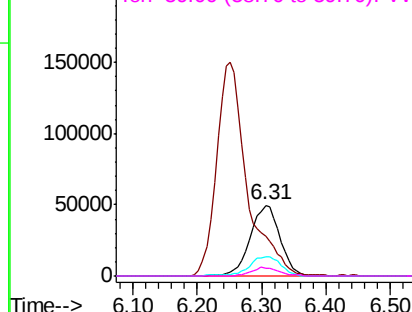
43 55.0 42.4 63.6

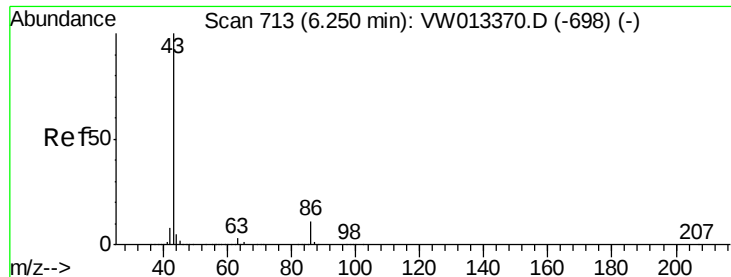
87 26.9 20.4 30.6

59 11.0 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 103.867 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 43 Resp: 498153

Ion Ratio Lower Upper

43 100

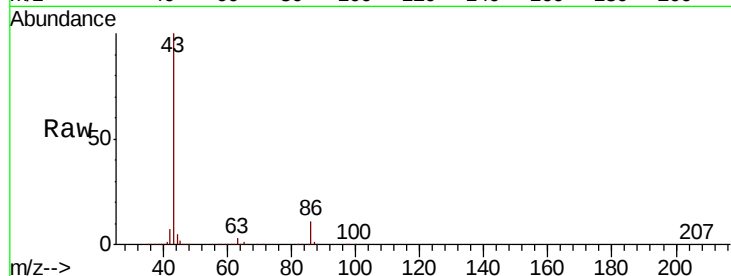
86 10.8 8.3 12.5

Manual Integrations

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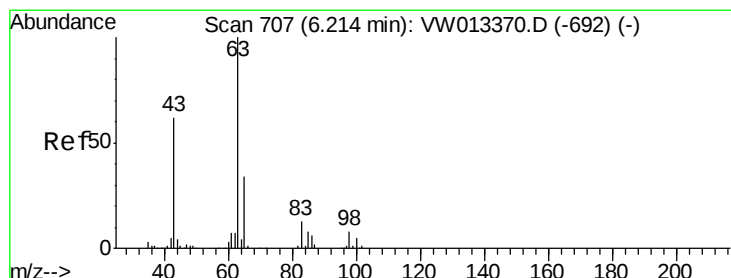
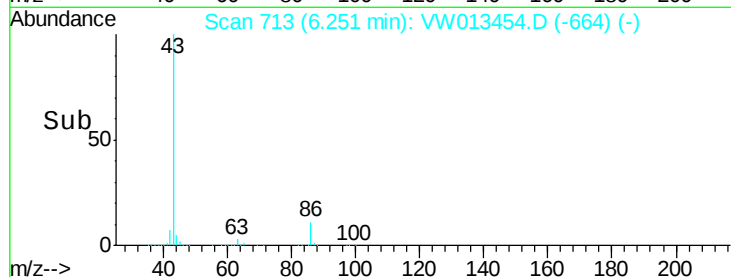
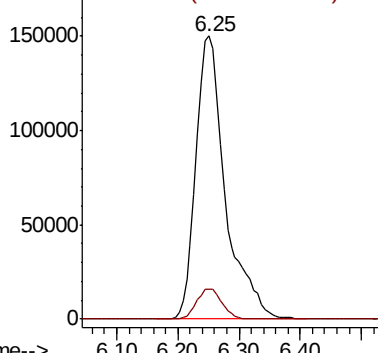
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.884 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

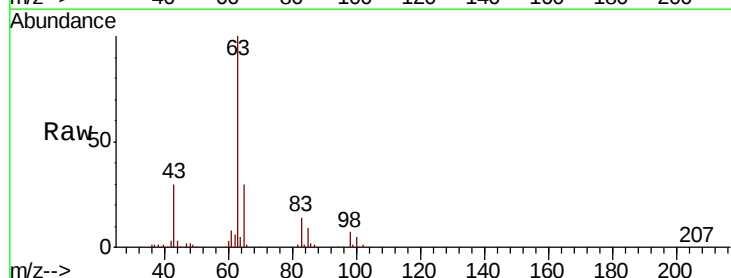
Tgt Ion: 63 Resp: 96801

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

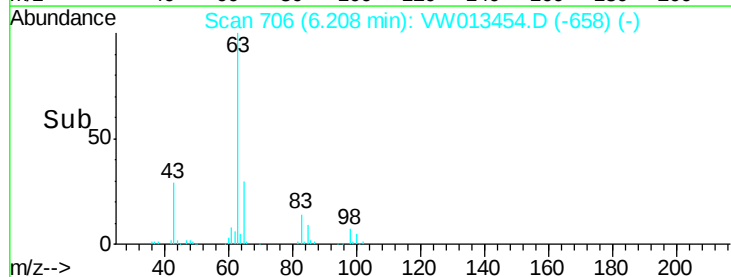
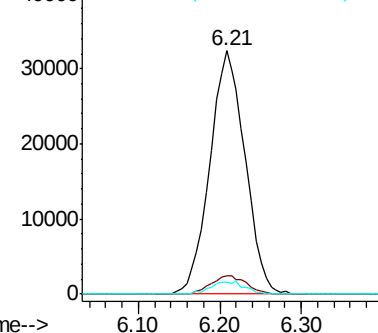
100 5.1 2.4 7.1

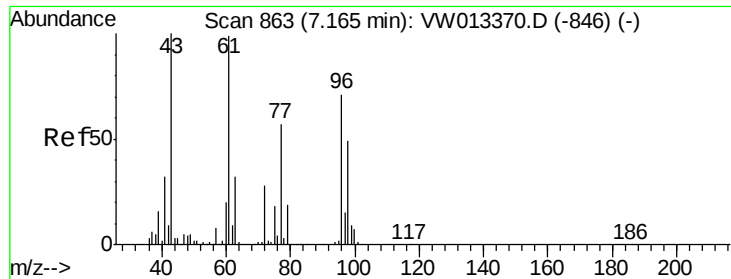


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 98.177 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 43 Resp: 87384

Ion Ratio Lower Upper

43 100

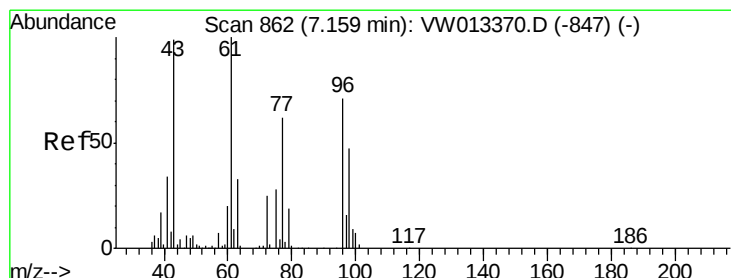
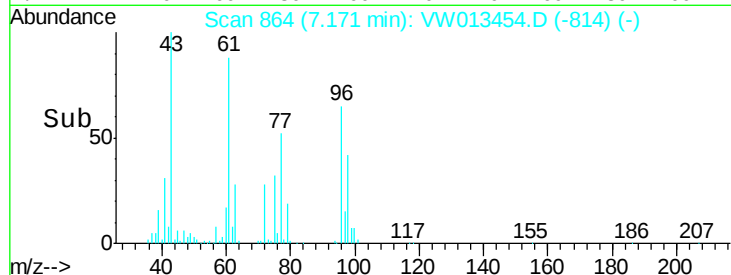
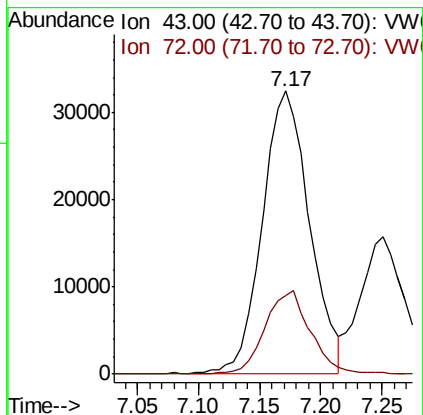
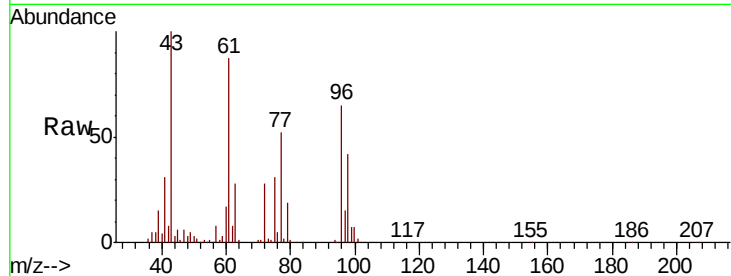
72 27.8 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.079 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013454.D

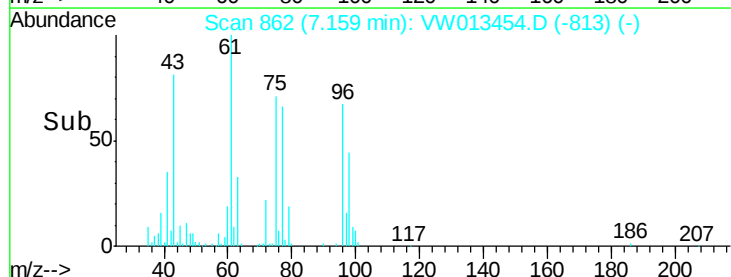
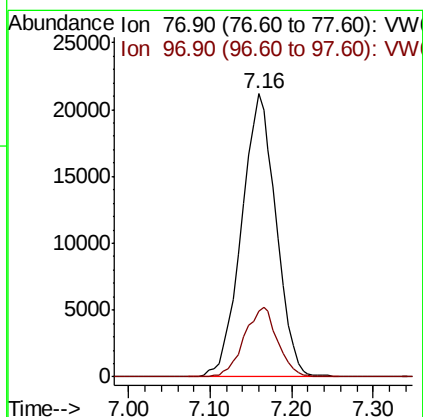
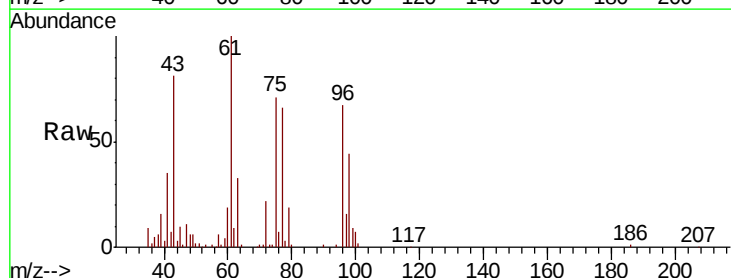
Acq: 07 Oct 2019 11:16

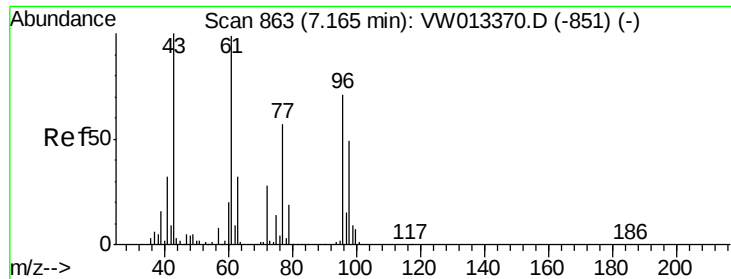
Tgt Ion: 77 Resp: 62080

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.4





#27

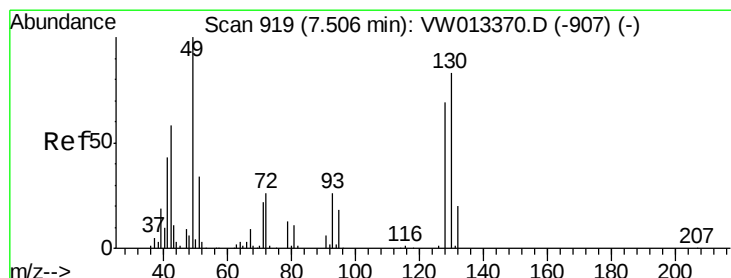
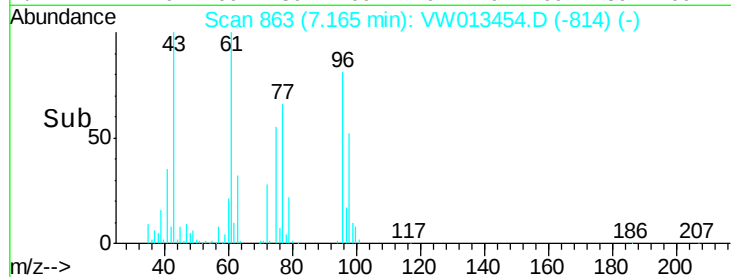
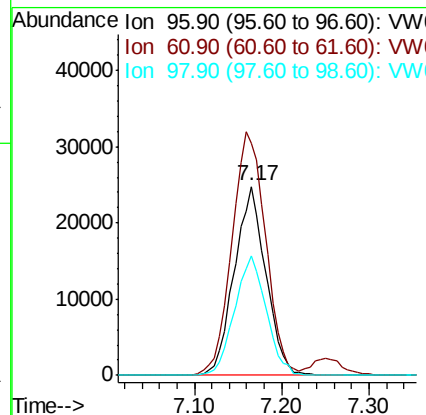
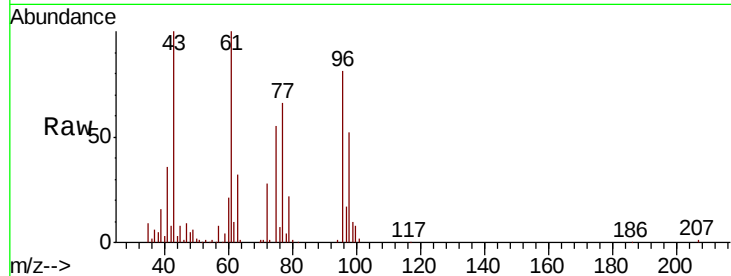
cis-1,2-Dichloroethene
Concen: 19.899 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	282.4
98	63.6	0.0	128.2

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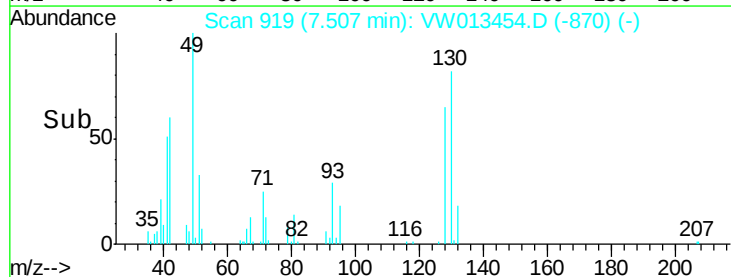
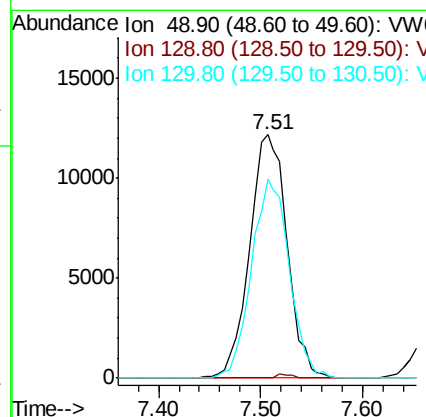
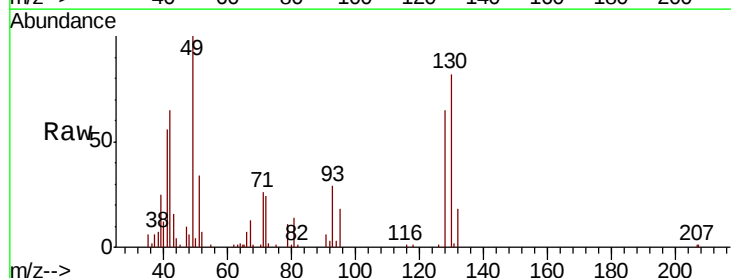
MMDadoda
10/8/2019 1:31:07 PM

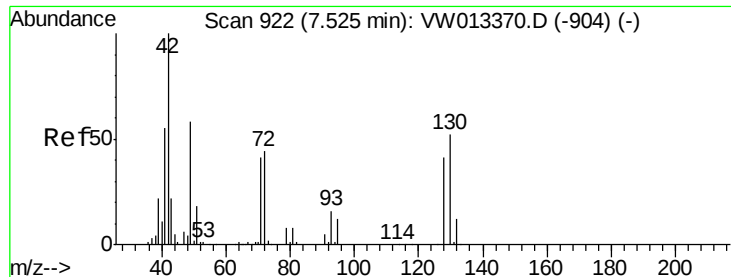


#28

Bromochloromethane
Concen: 17.651 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.0
130	82.1	63.4	95.2





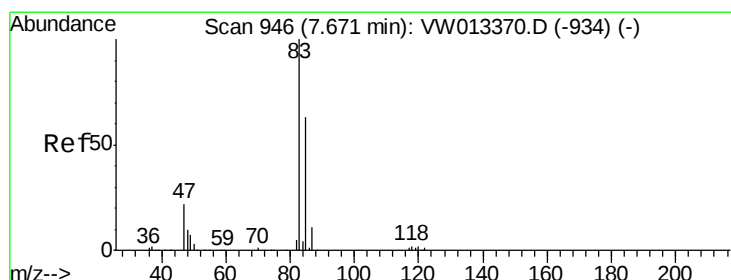
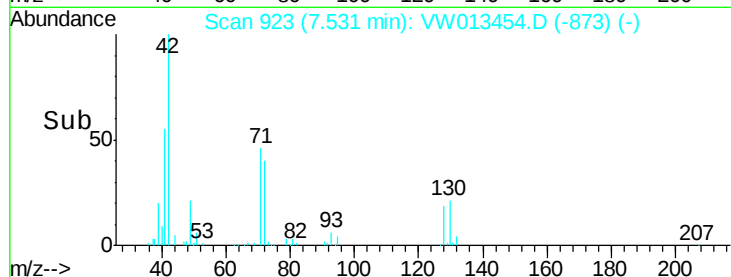
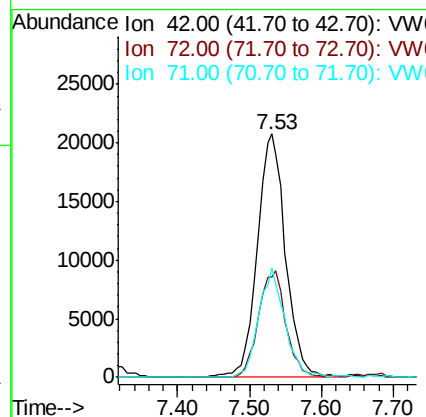
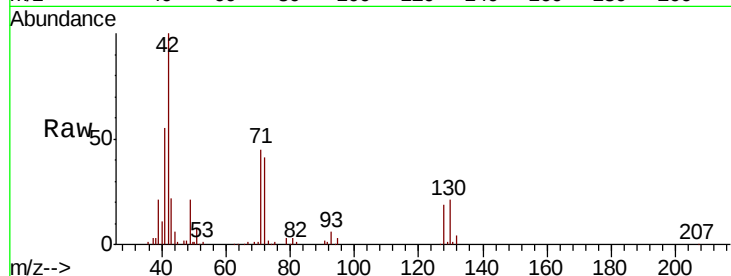
#29
Tetrahydrofuran
Concen: 114.752 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.9	50.9
71	41.3	31.9	47.9

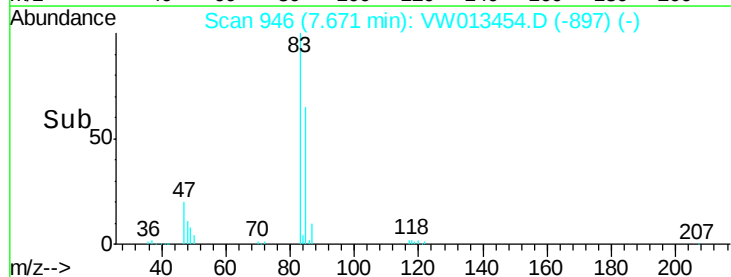
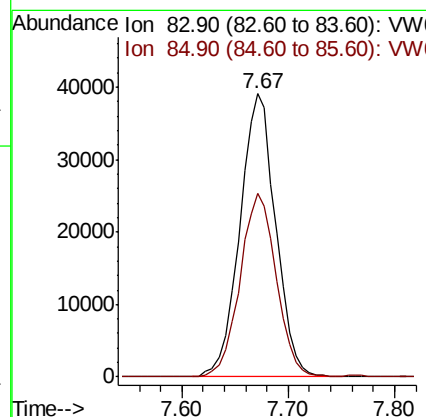
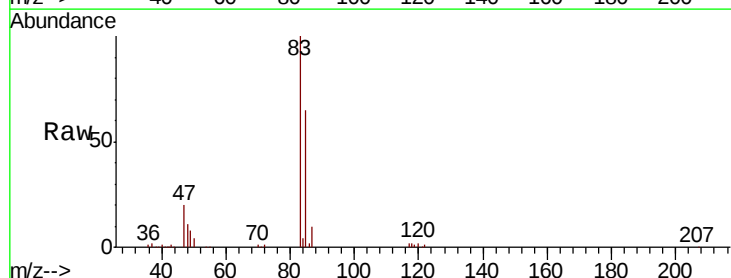
Manual Integrations
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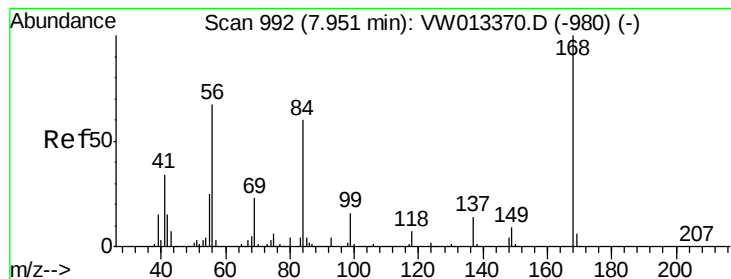
MMDadoda
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#30
Chloroform
Concen: 19.278 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.3	78.5





#31

Cyclohexane

Concen: 20.080 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 56 Resp: 104252

Ion Ratio Lower Upper

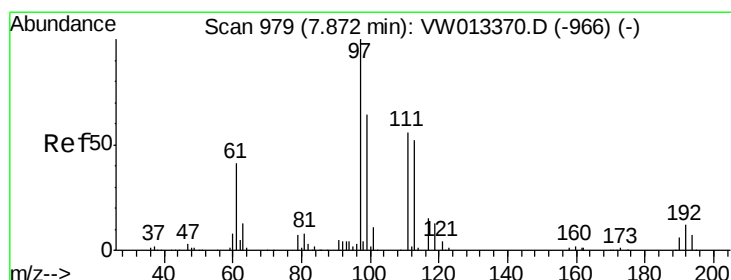
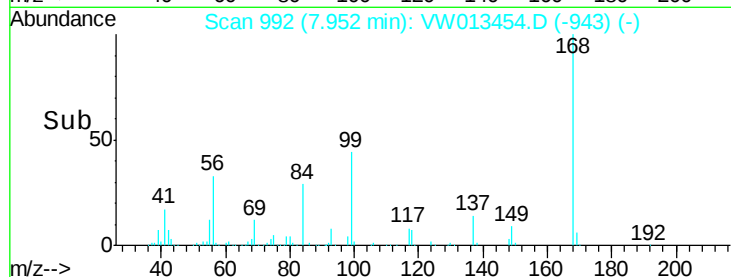
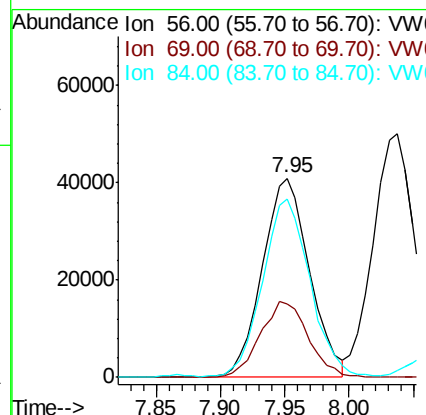
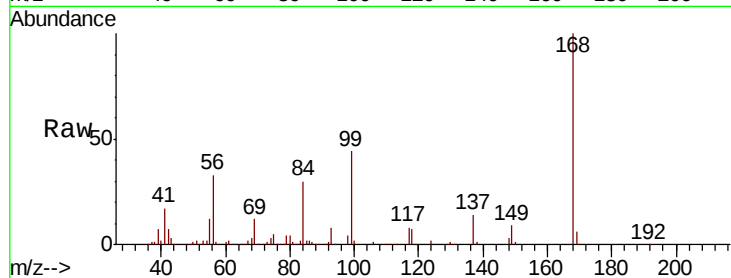
56 100

69 37.1 27.2 40.8

84 89.0 70.8 106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.441 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

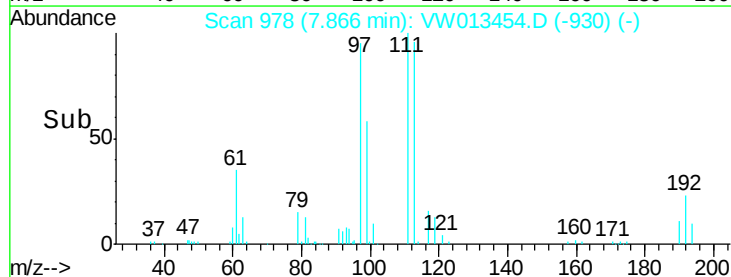
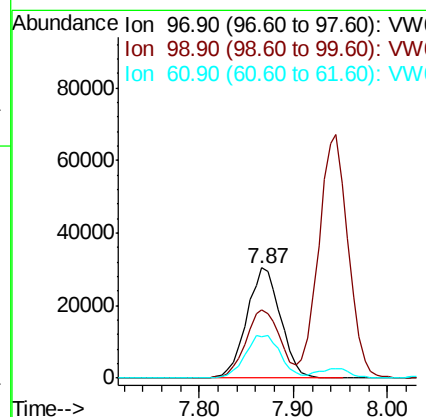
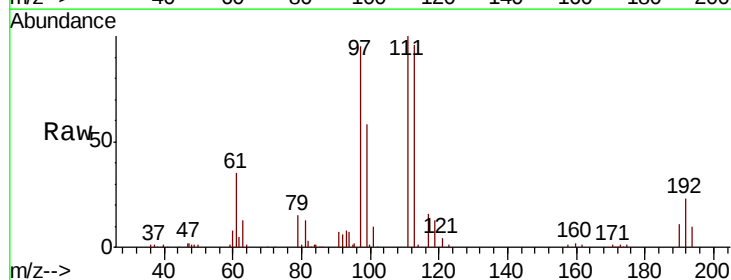
Tgt Ion: 97 Resp: 76447

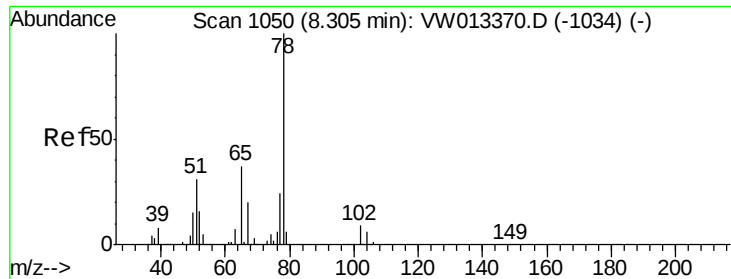
Ion Ratio Lower Upper

97 100

99 63.4 51.7 77.5

61 40.7 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 49.511 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 65 Resp: 112358

Ion Ratio Lower Upper

65 100

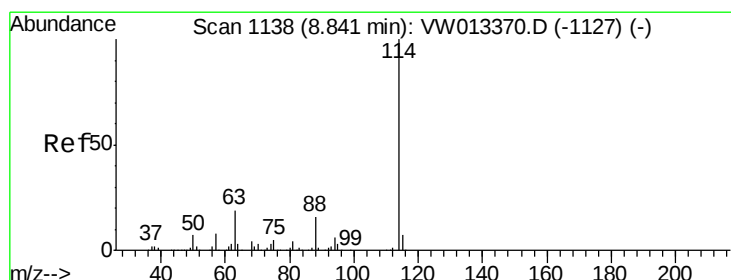
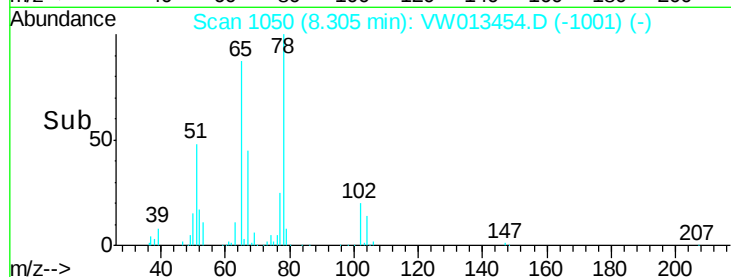
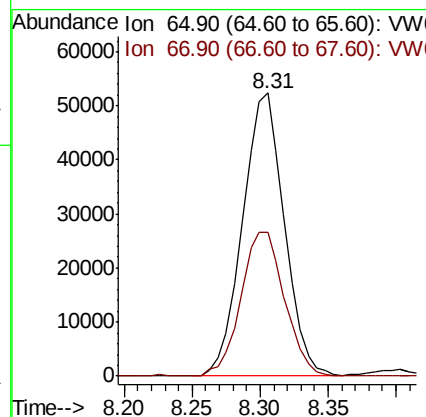
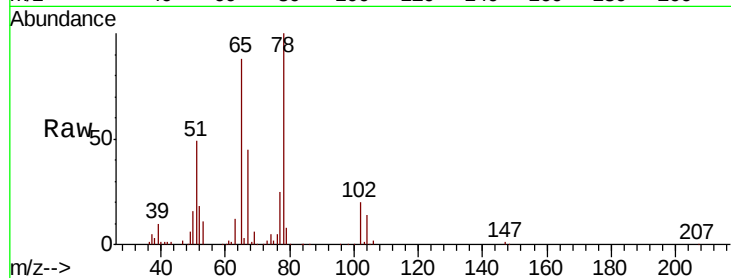
67 53.4 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

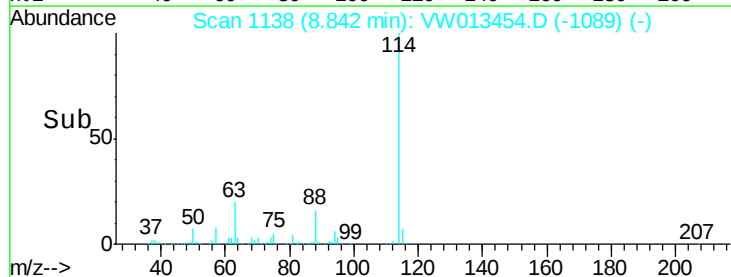
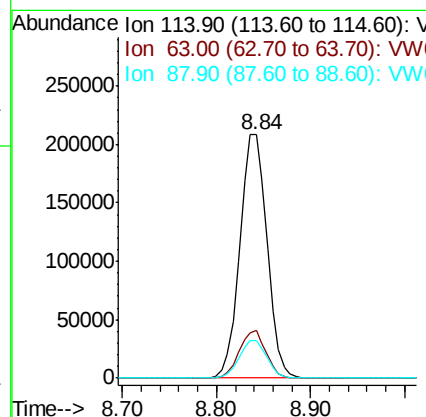
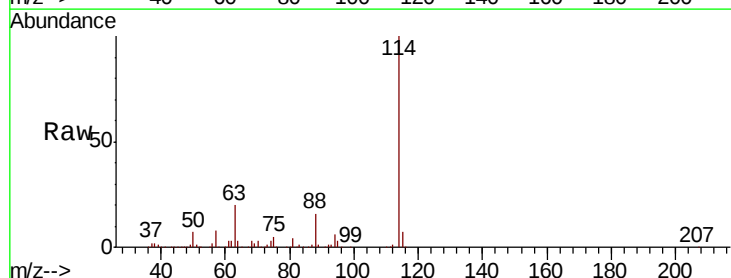
Tgt Ion: 114 Resp: 418949

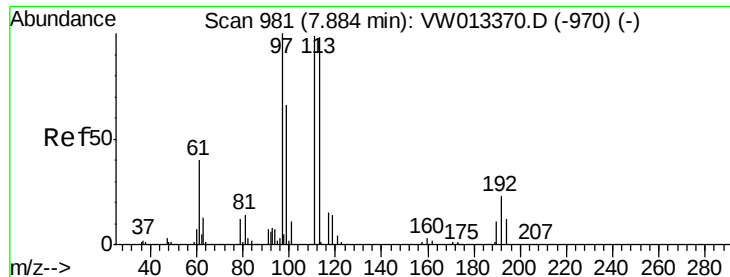
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.634 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

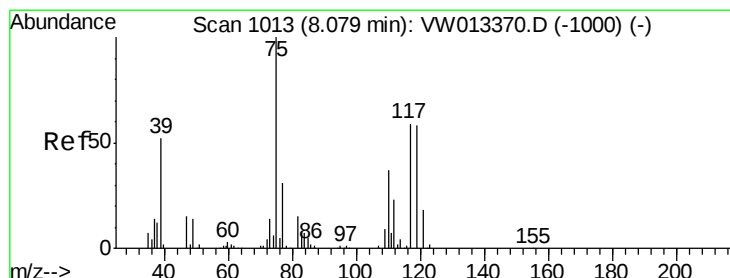
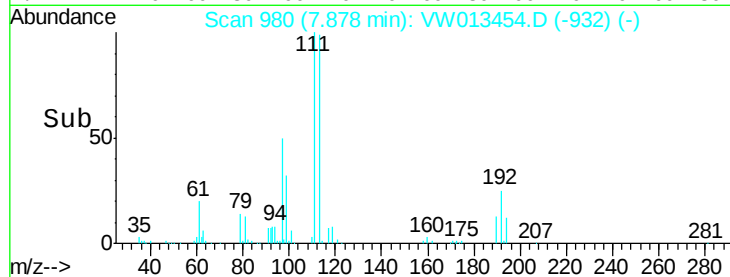
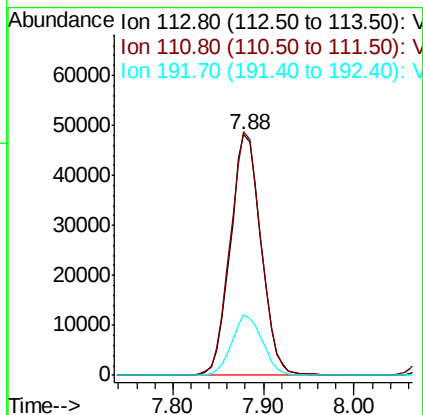
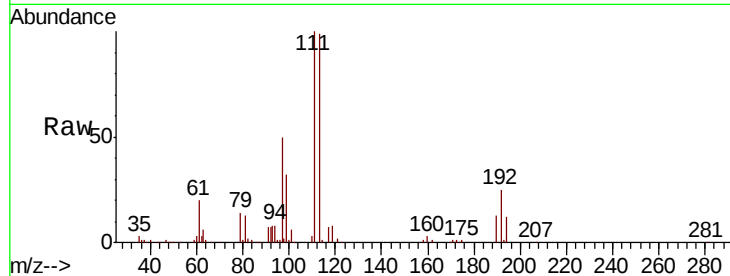
ClientSampleId :

VW1007SBS01

Tot Ion:	113	Resp:	113509
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.9	122.9
192	24.9	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.030 ug/l

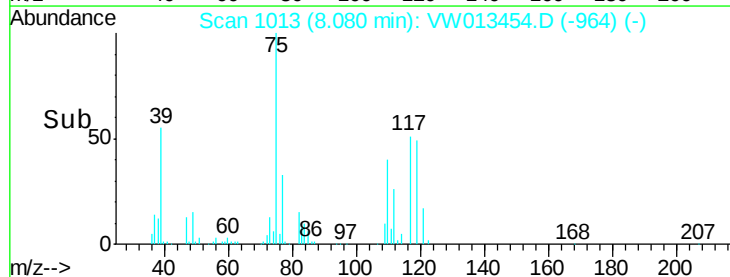
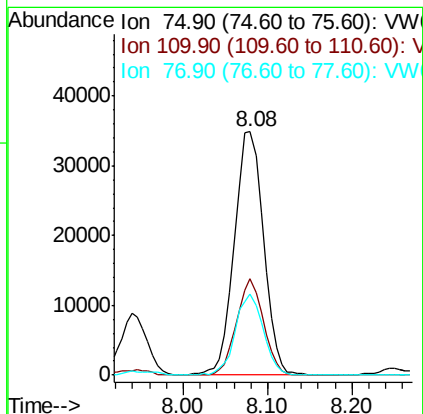
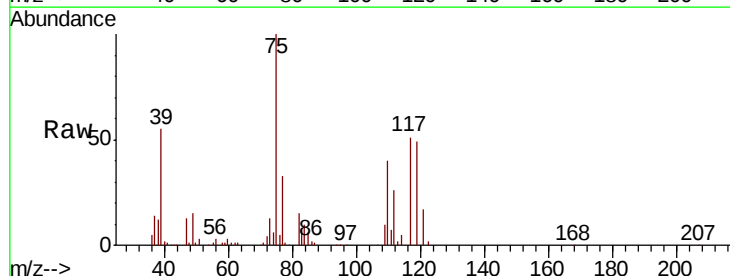
RT: 8.08 min Scan# 1013

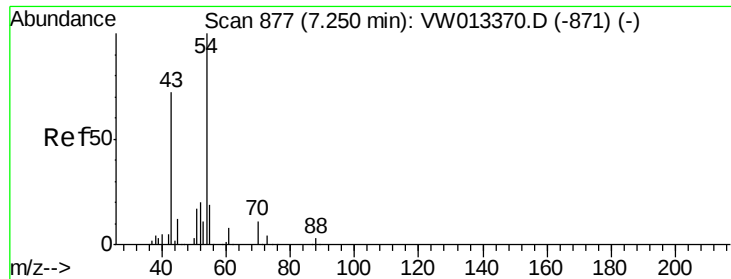
Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Tgt Ion:	75	Resp:	81832
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.3
77	31.8	25.8	38.6





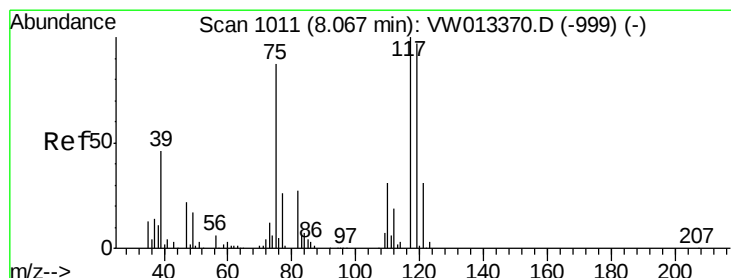
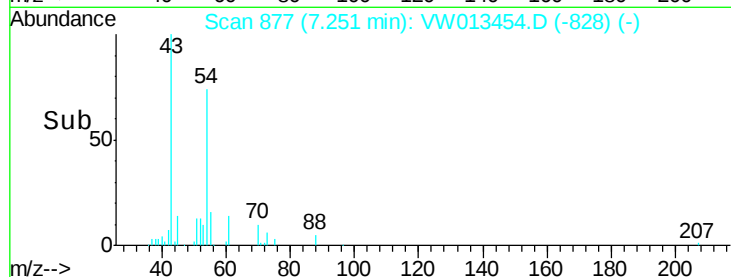
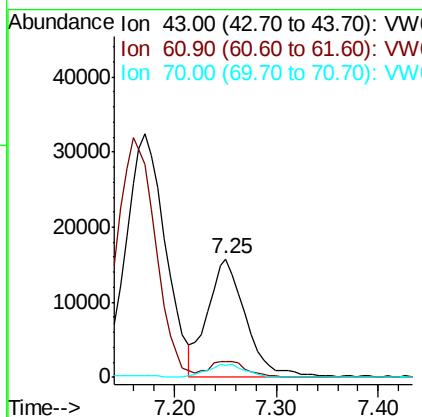
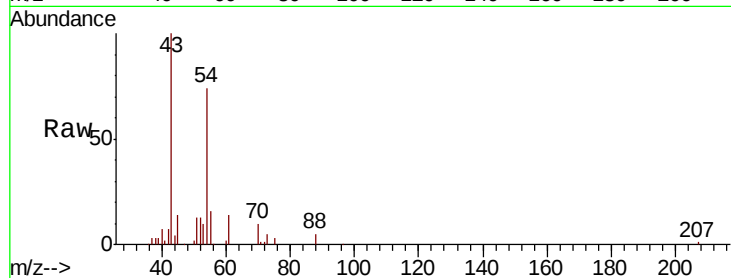
#37
Ethyl Acetate
Concen: 23.787 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	10.9	8.2	12.2

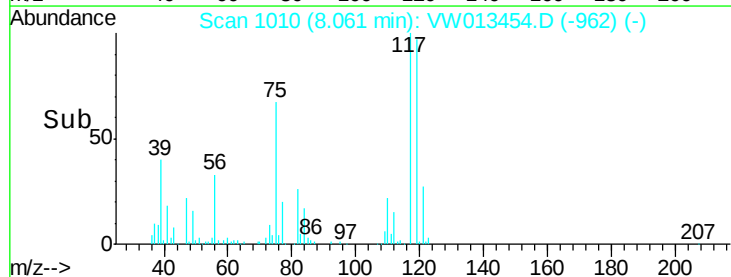
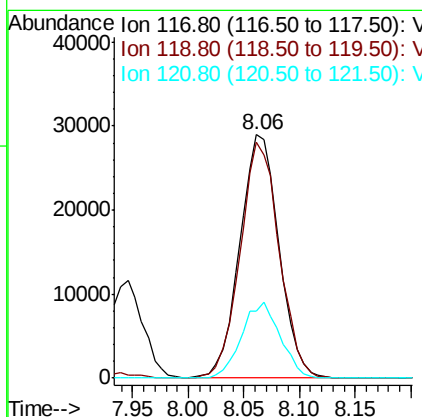
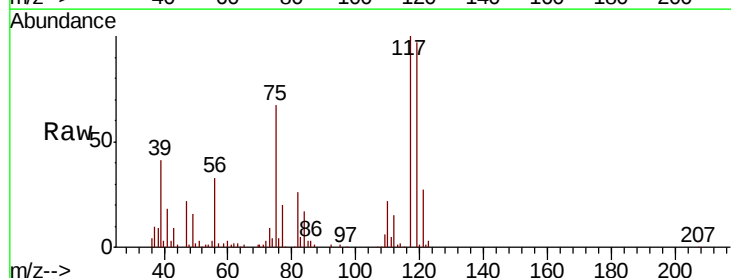
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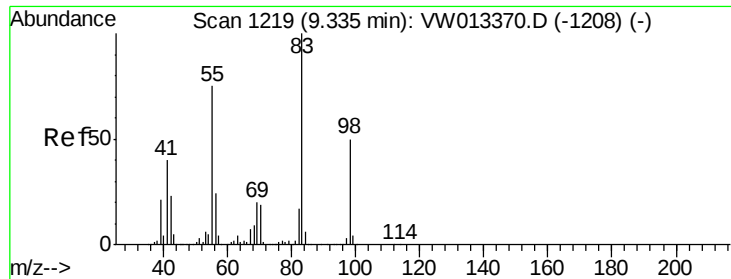
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.979 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.5	110.3
121	27.3	25.0	37.6





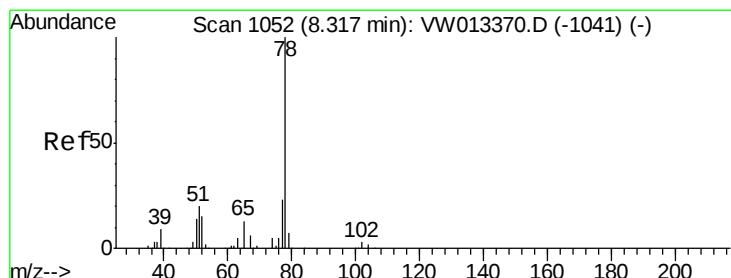
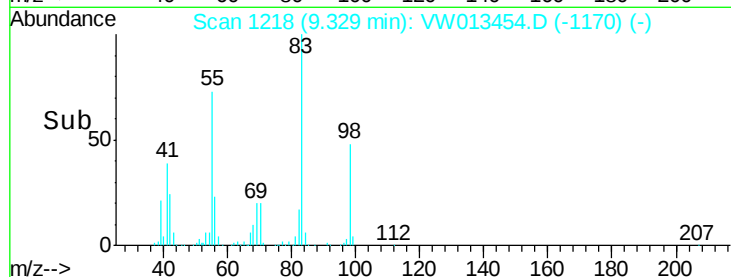
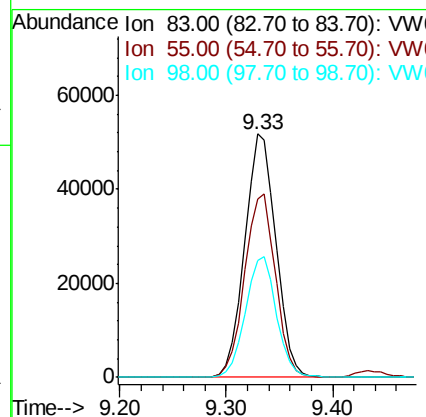
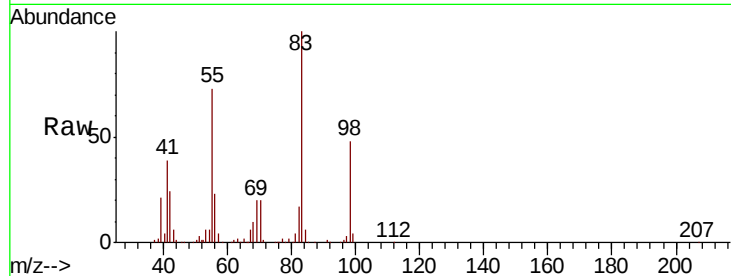
#39
Methvlcvclohexane
Concen: 20.856 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	106880		
55	73.1		60.4	90.6
98	47.9		40.0	60.0

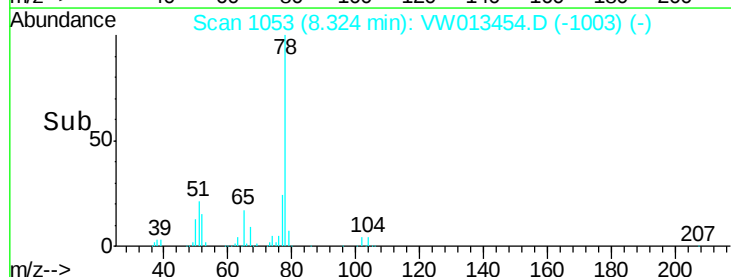
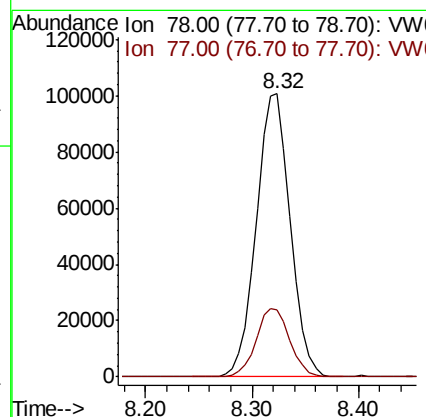
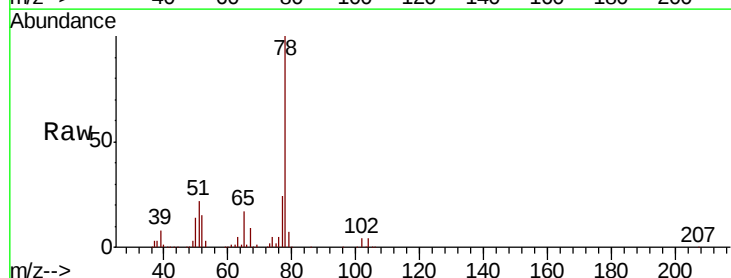
Manual Integrations
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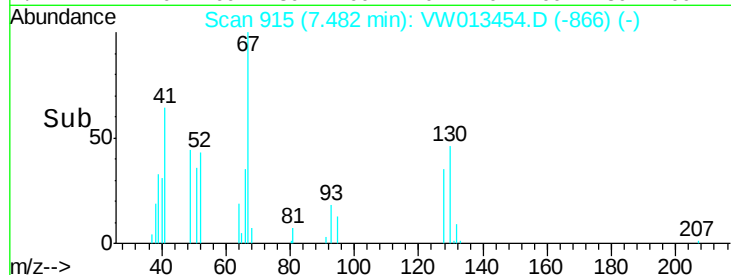
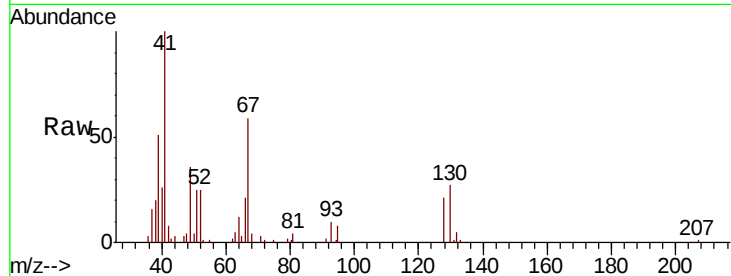
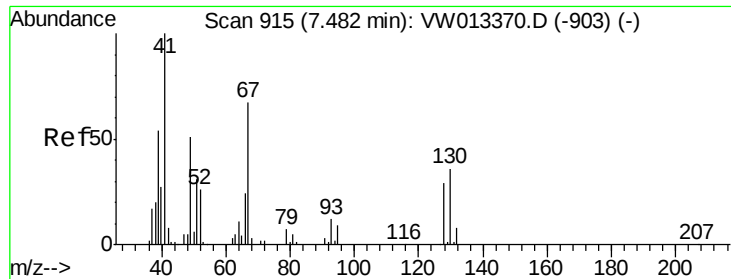
MMDadoda
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#40
Benzene
Concen: 20.402 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	224731		
77	23.8		19.1	28.7





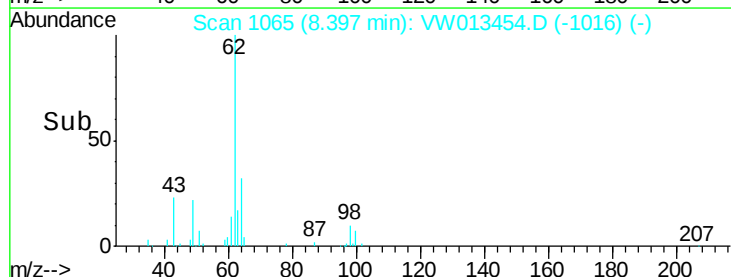
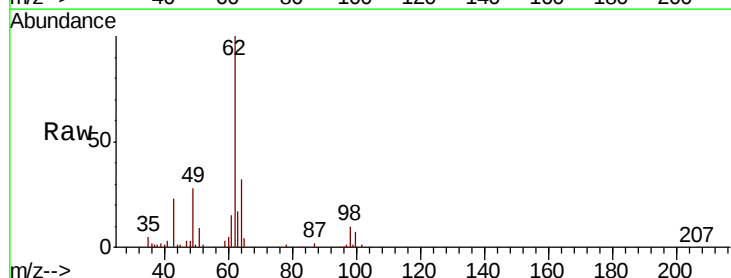
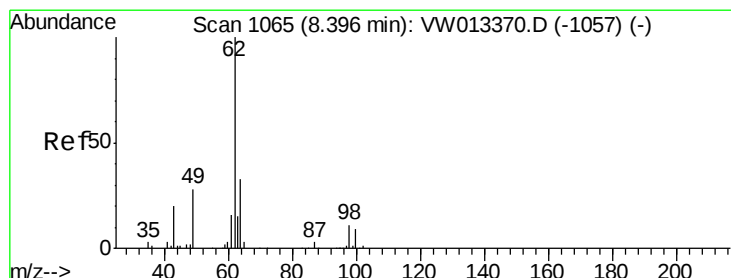
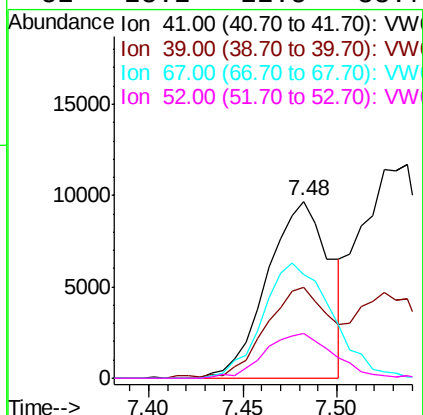
#41
Methacrylonitrile
Concen: 21.692 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	22461		
39	39	51.9		45.9	68.9
67	67	71.7		54.5	81.7
52	52	28.2		22.5	33.7

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

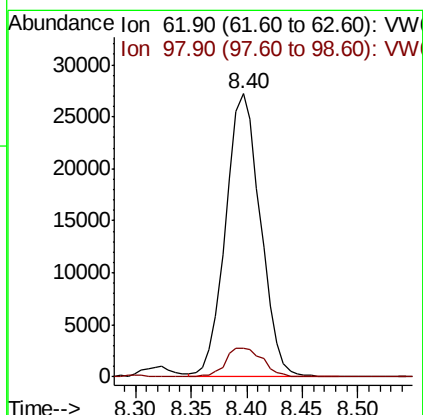
Manual Integrations
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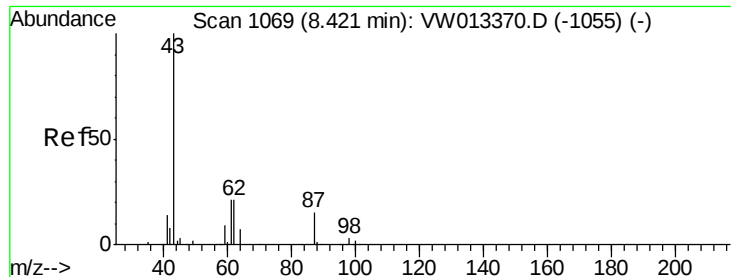
MMDadoda
10/8/2019 1:31:07 PM



#42
1,2-Dichloroethane
Concen: 20.838 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	58993		
98	98	10.9		0.0	20.6





#43

Isopropyl Acetate

Concen: 21.911 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

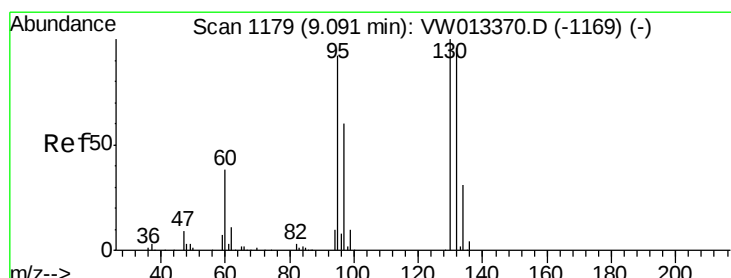
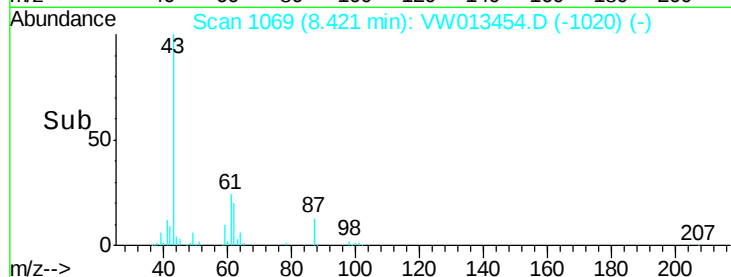
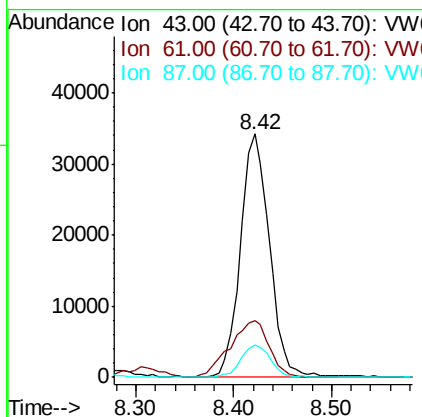
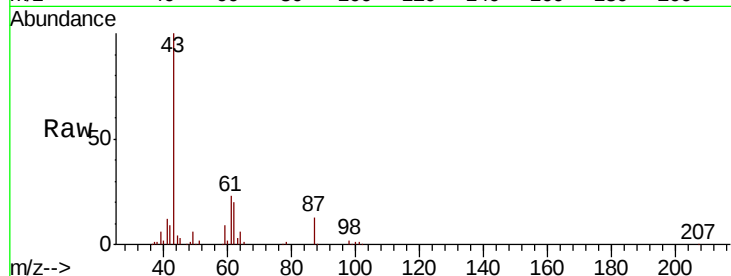
ClientSampleId :

VW1007SBS01

Tot Ion:	43	Resp:	70822
Ion	Ratio	Lower	Upper
43	100		
61	31.2	25.5	38.3
87	13.6	11.0	16.4

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#44

Trichloroethene

Concen: 20.773 ug/l

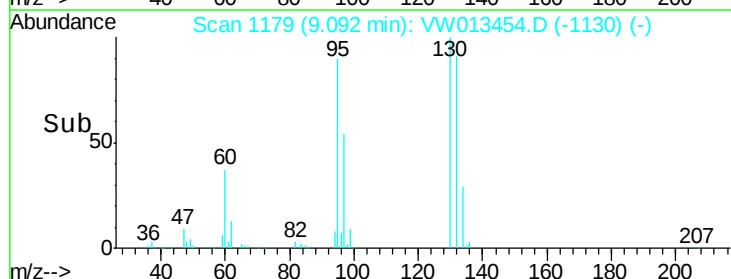
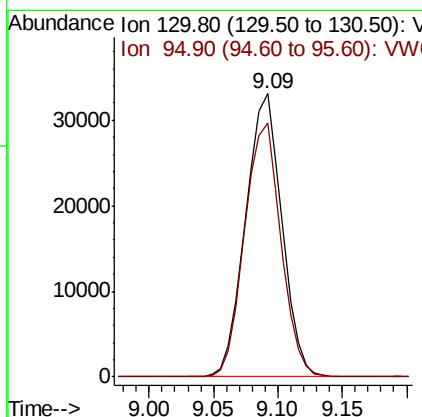
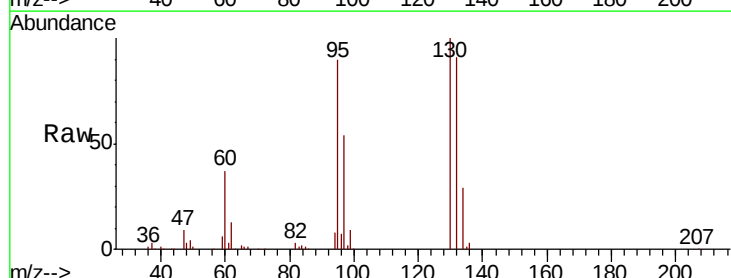
RT: 9.09 min Scan# 1179

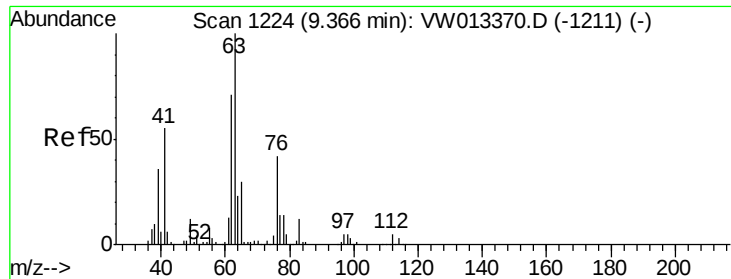
Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Tgt Ion:	130	Resp:	64435
Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.117 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 63 Resp: 53204

Ion Ratio Lower Upper

63 100

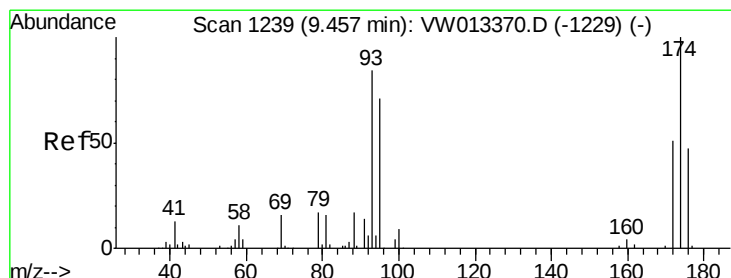
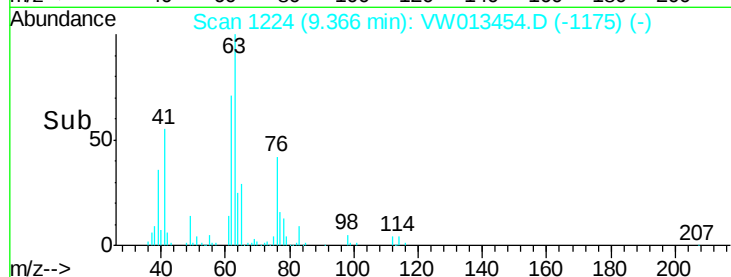
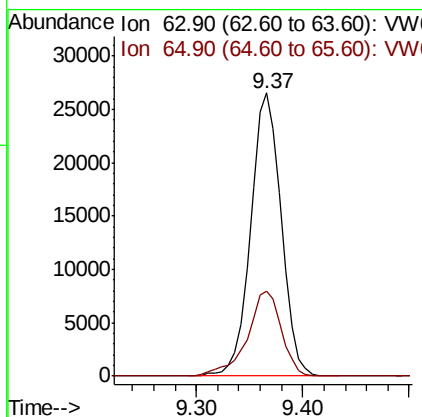
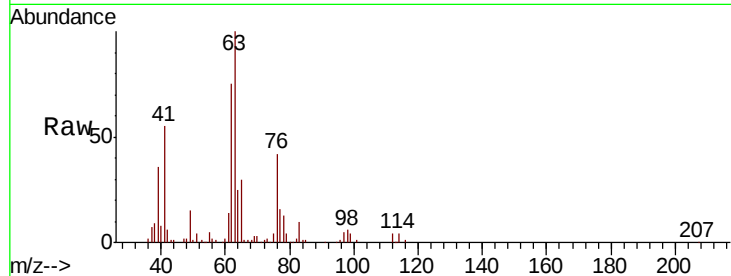
65 30.0 25.3 37.9

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#46

Dibromomethane

Concen: 20.234 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

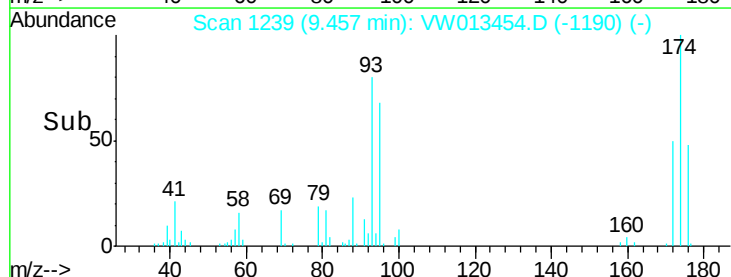
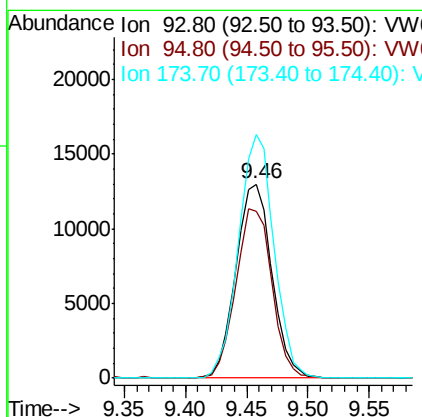
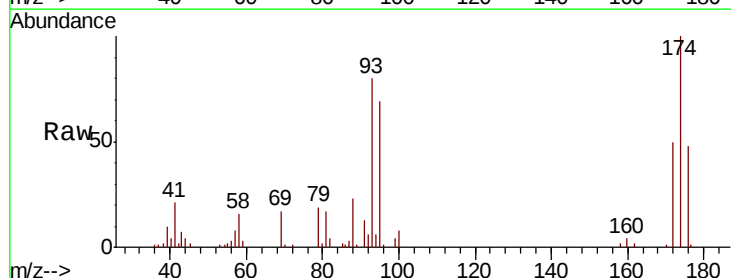
Tgt Ion: 93 Resp: 26655

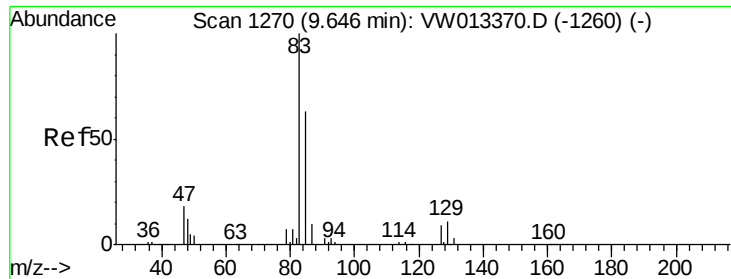
Ion Ratio Lower Upper

93 100

95 86.9 66.4 99.6

174 123.6 93.0 139.6





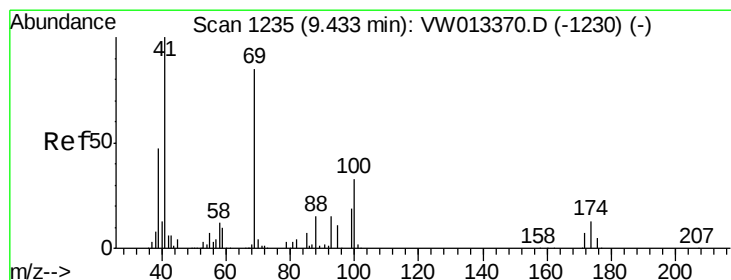
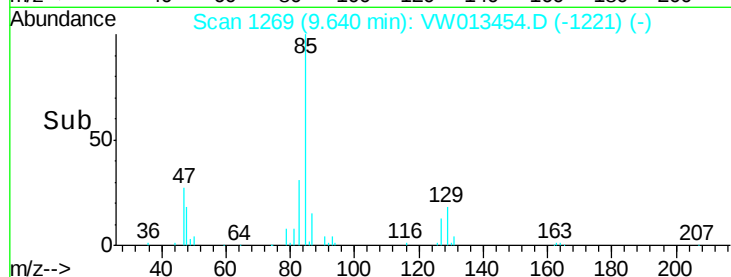
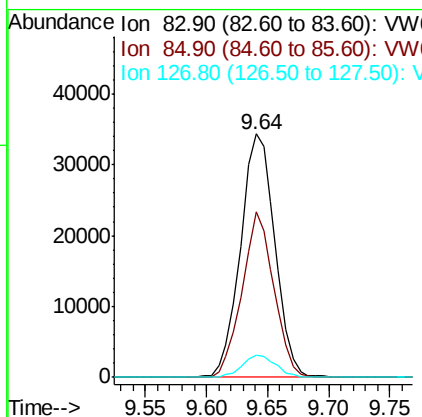
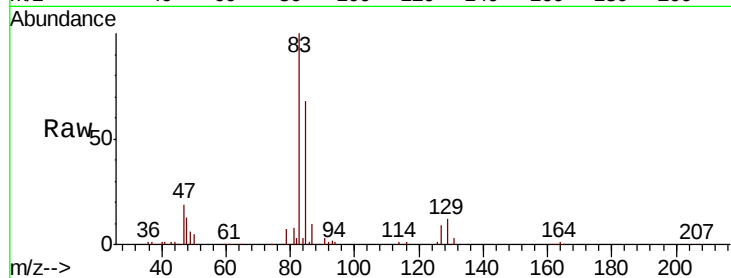
#47
Bromodichloromethane
Concen: 20.609 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	67.7	49.4	74.2
127	8.9	6.5	9.7

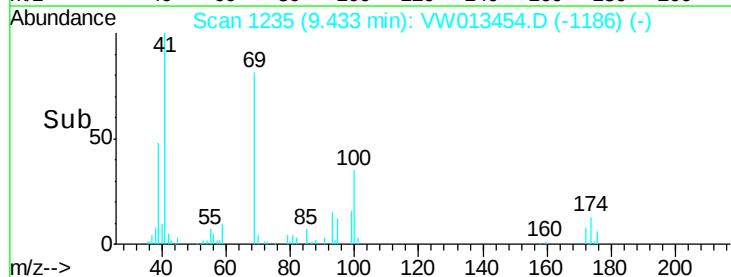
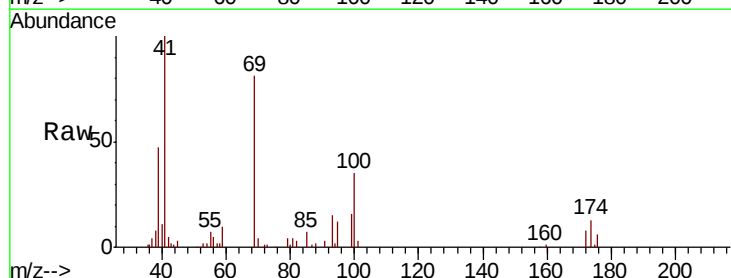
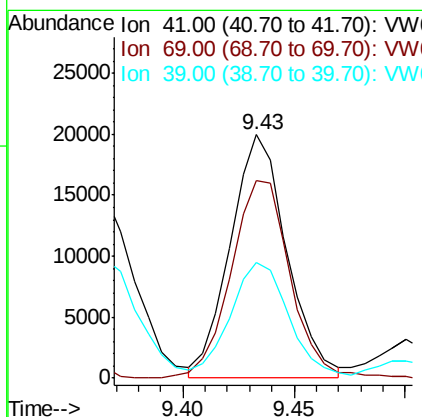
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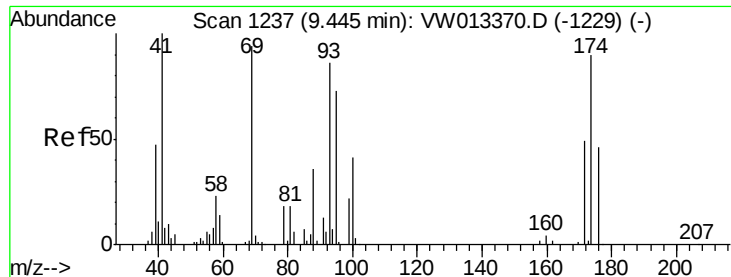
MMDadoda
10/8/2019 1:31:07 PM



#48
Methyl methacrylate
Concen: 22.631 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.8	69.7	104.5
39	46.2	41.1	61.7





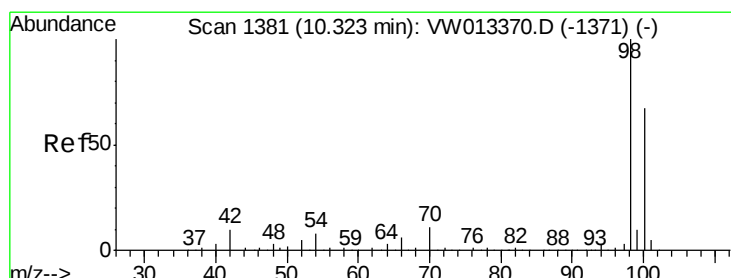
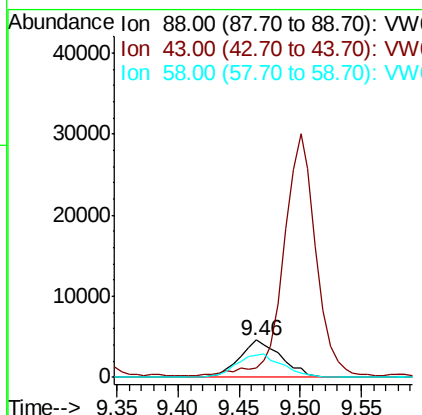
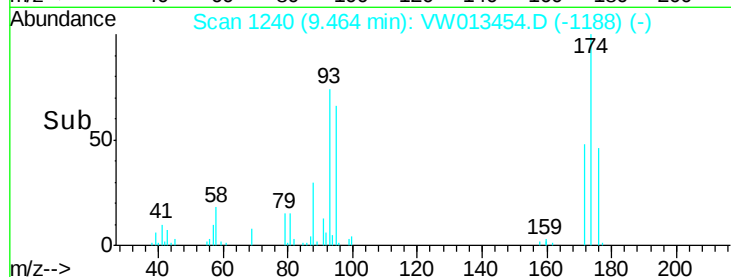
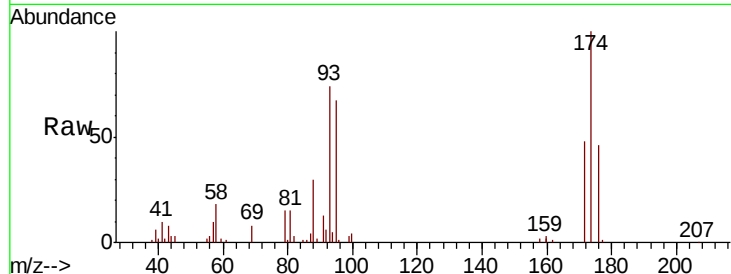
#49
1,4-Dioxane
Concen: 527.087 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	10908		
43	0.0	0.0	0.0	0.0
58	67.7	65.4	98.0	

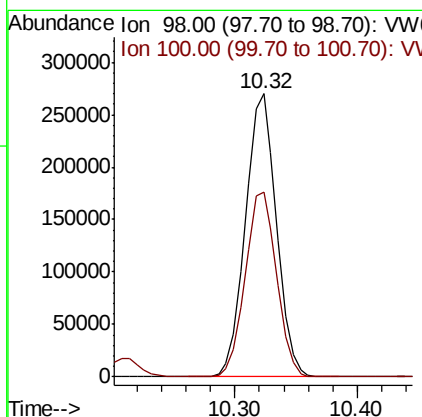
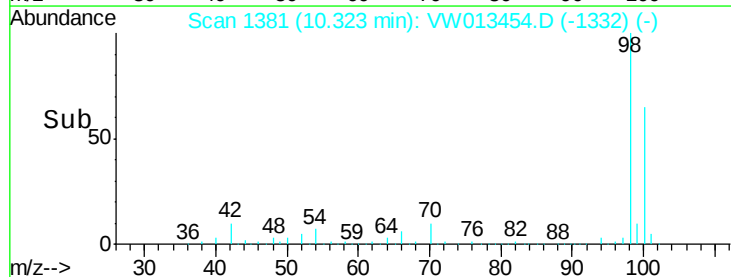
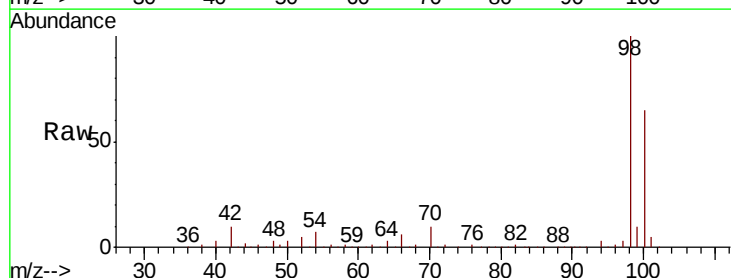
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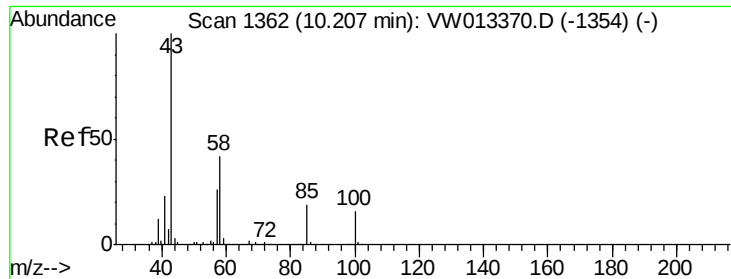
MMDadoda
10/8/2019 1:31:07 PM



#50
Toluene-d8
Concen: 52.149 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	475740		
100	66.2	52.9	79.3	





#51

4-Methyl-2-Pentanone

Concen: 110.678 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 43 Resp: 187955

Ion Ratio Lower Upper

43 100

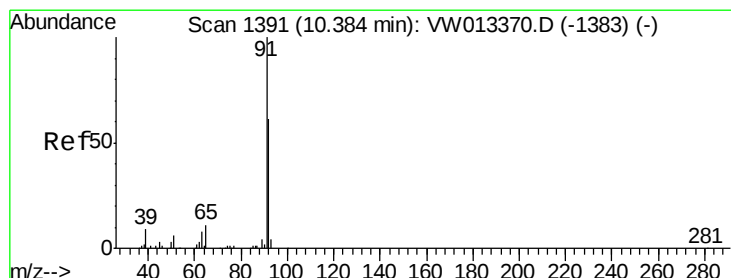
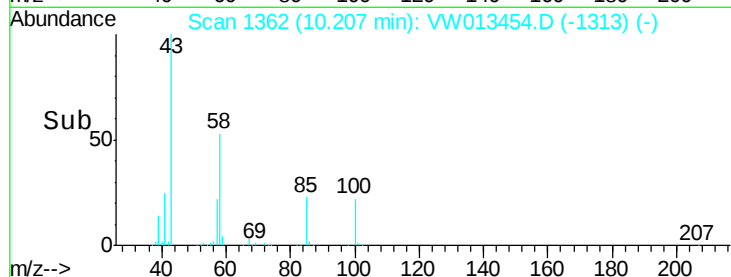
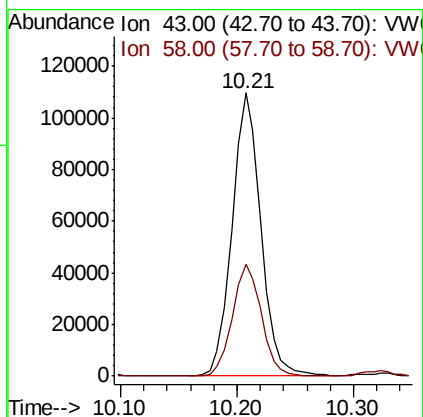
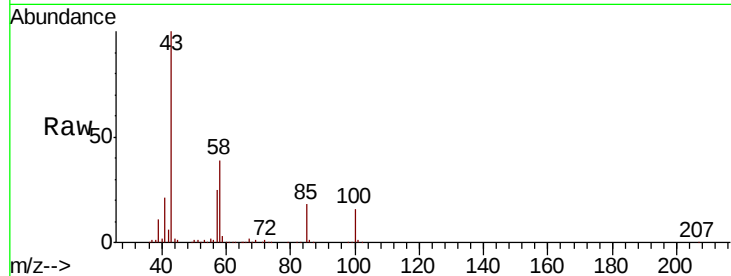
58 40.2 31.7 47.5

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#52

Toluene

Concen: 20.551 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013454.D

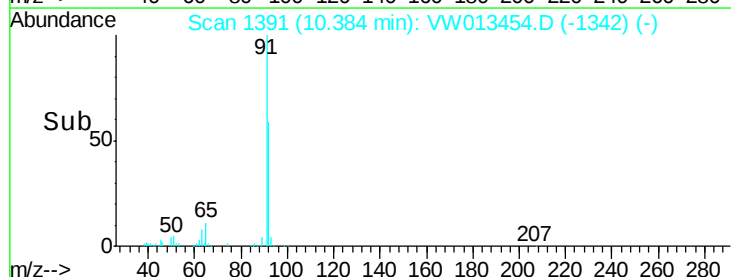
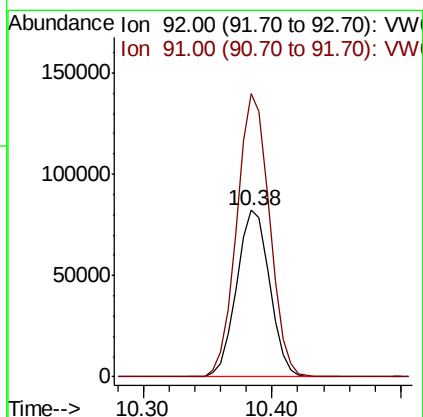
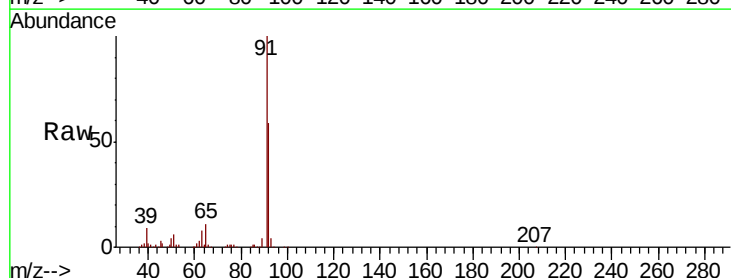
Acq: 07 Oct 2019 11:16

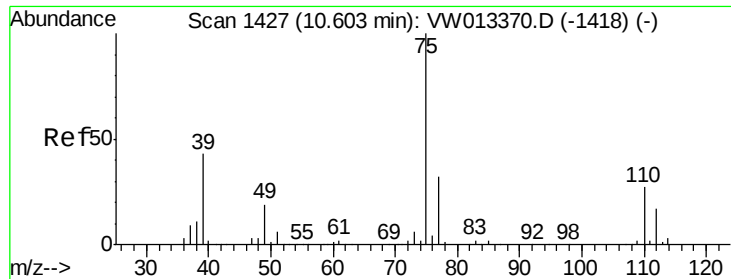
Tgt Ion: 92 Resp: 146013

Ion Ratio Lower Upper

92 100

91 168.5 135.7 203.5





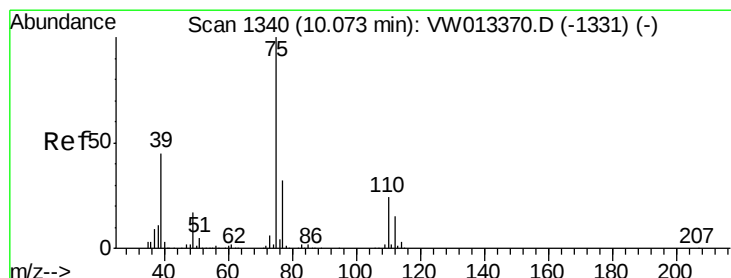
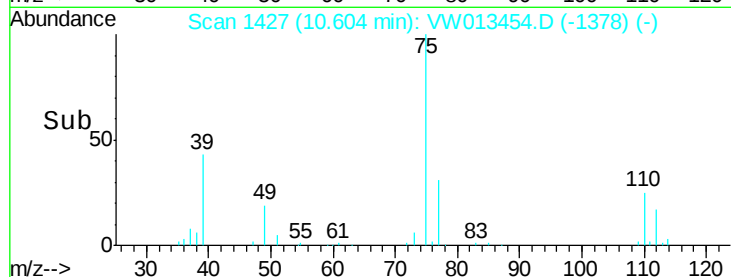
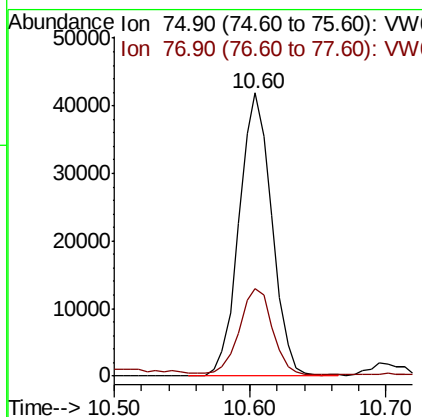
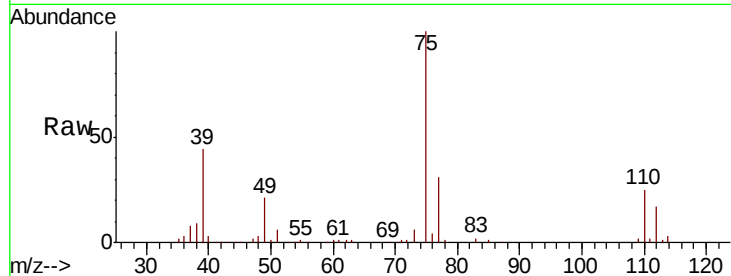
#53
t-1,3-Dichloropropene
Concen: 20.881 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion: 75 Resp: 70436
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3

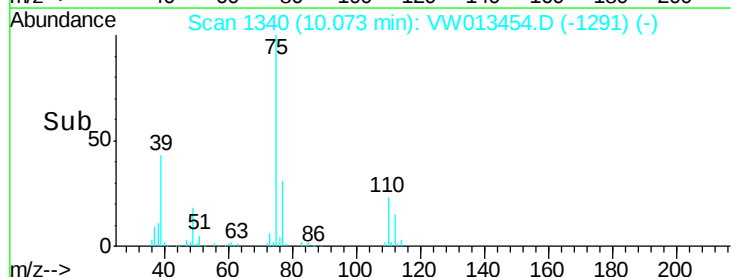
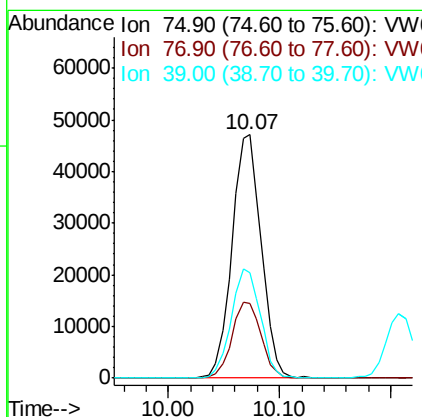
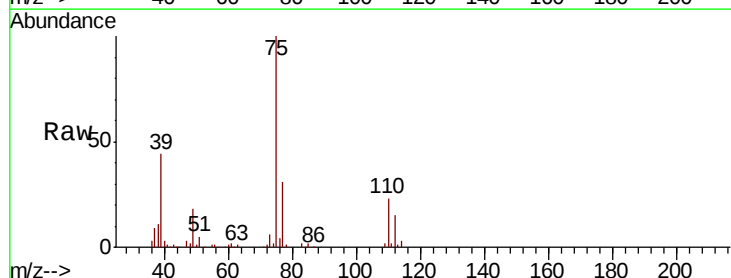
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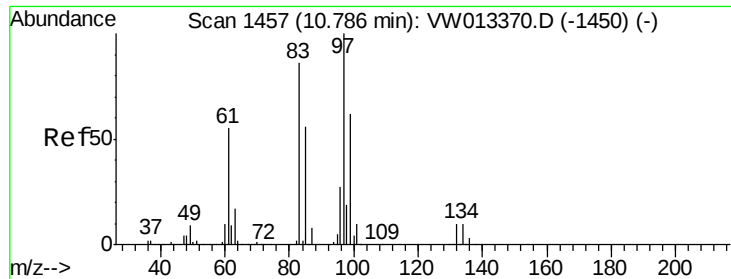
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.898 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion: 75 Resp: 85469
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 43.5 36.6 55.0





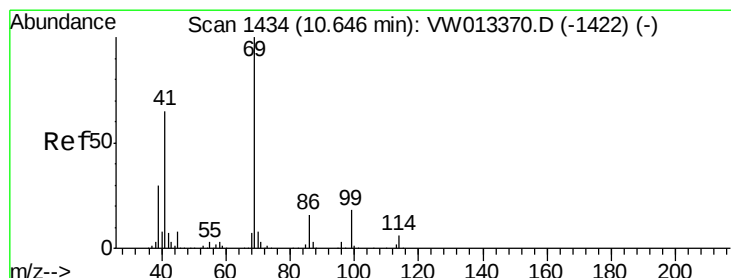
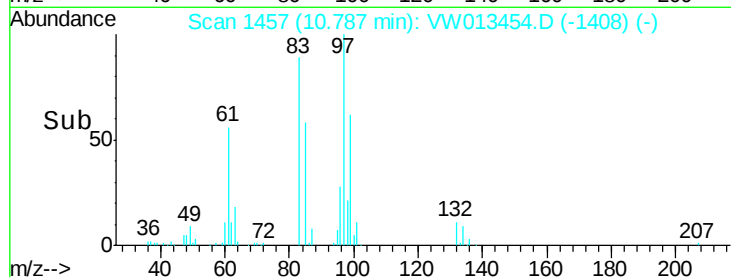
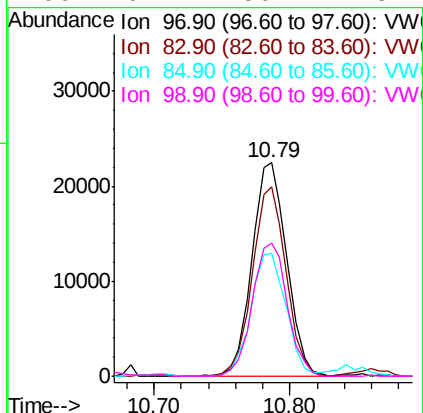
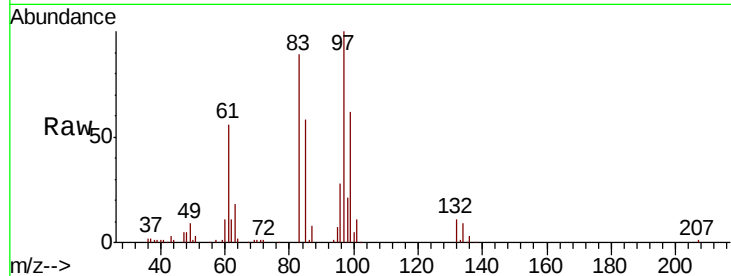
#55
 1,1,2-Trichloroethane
 Concen: 20.478 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion:	97	Resp:	40243
Ion	Ratio	Lower	Upper
97	100		
83	88.5	67.6	101.4
85	57.7	41.9	62.9
99	62.2	50.1	75.1

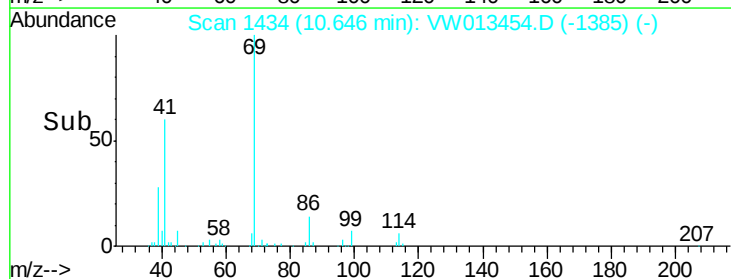
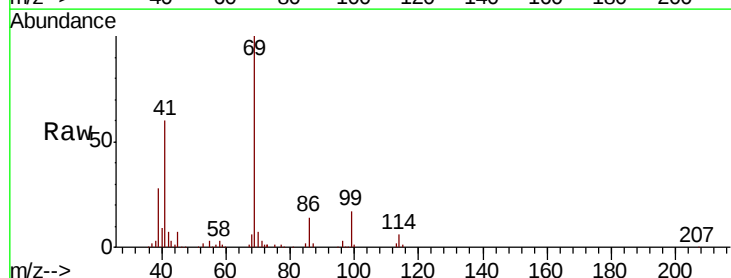
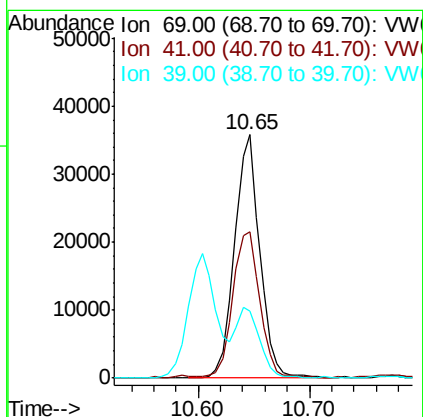
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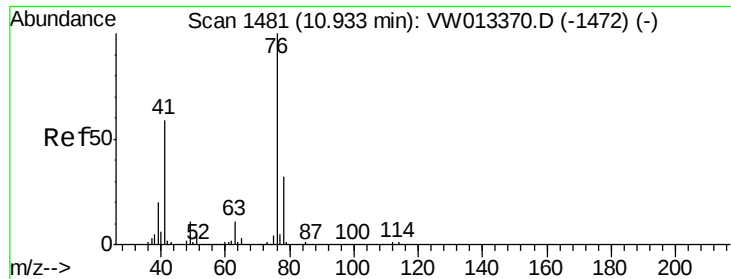
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 10/8/2019 1:31:07 PM



#56
 Ethyl methacrylate
 Concen: 21.277 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Tgt Ion:	69	Resp:	56280
Ion	Ratio	Lower	Upper
69	100		
41	64.7	53.9	80.9
39	27.0	23.8	35.6





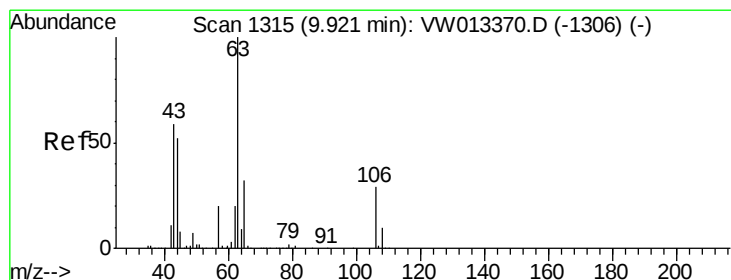
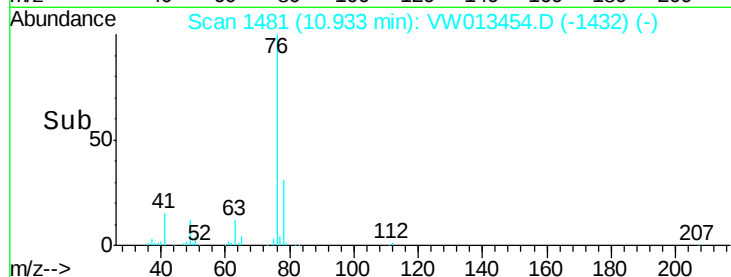
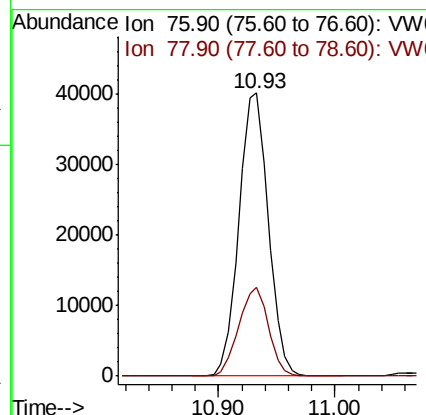
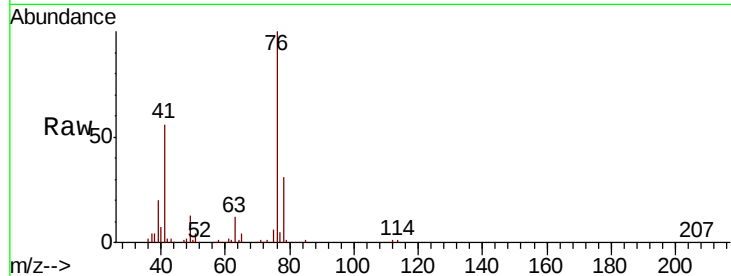
#57
 1,3-Dichloropropane
 Concen: 20.743 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion: 76 Resp: 70864
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3

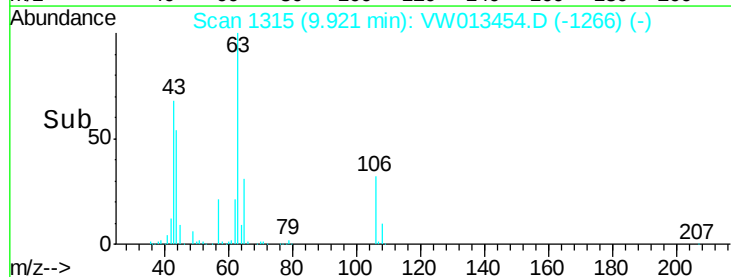
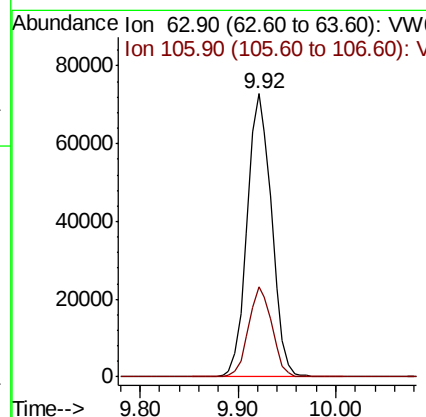
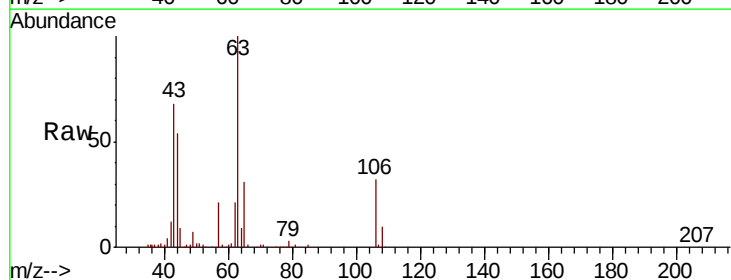
Manual Integrations
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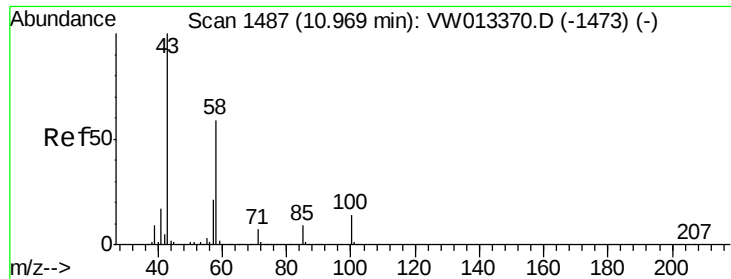
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 10/8/2019 1:31:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.871 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Tgt Ion: 63 Resp: 125898
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.4 35.0





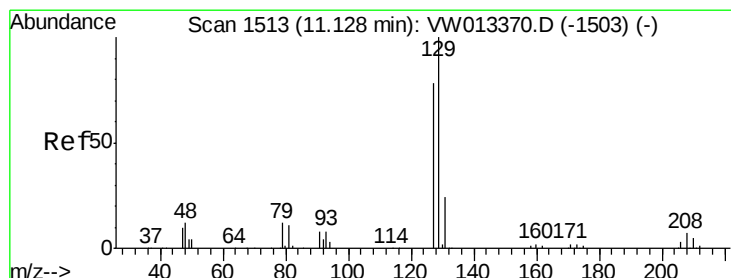
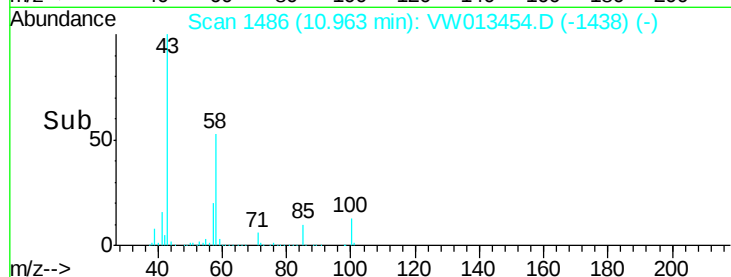
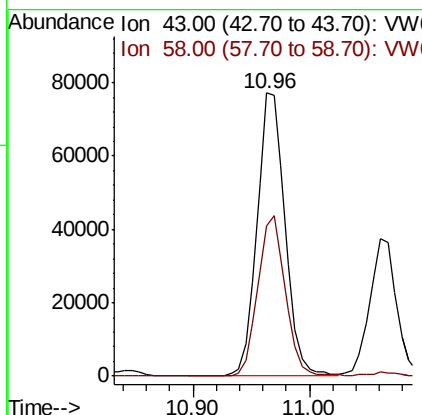
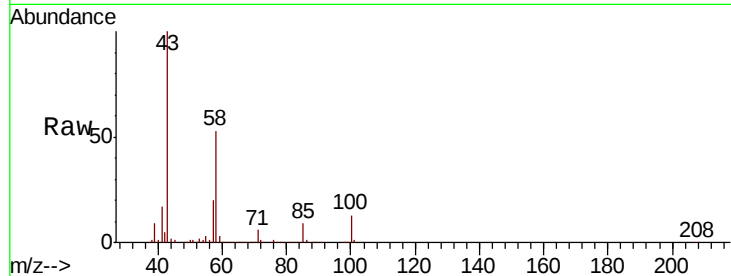
#59
2-Hexanone
Concen: 110.374 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion: 43 Resp: 129919
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.2

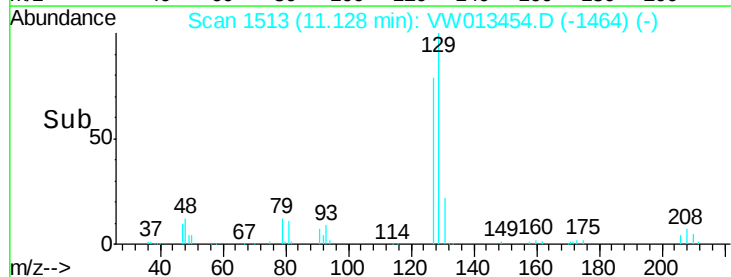
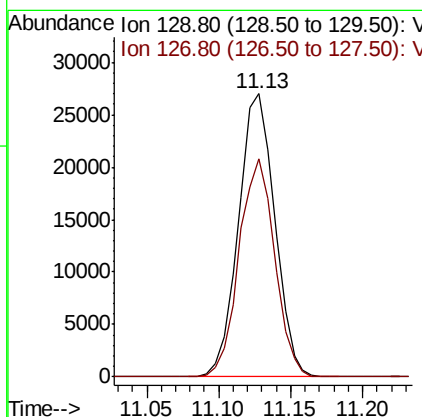
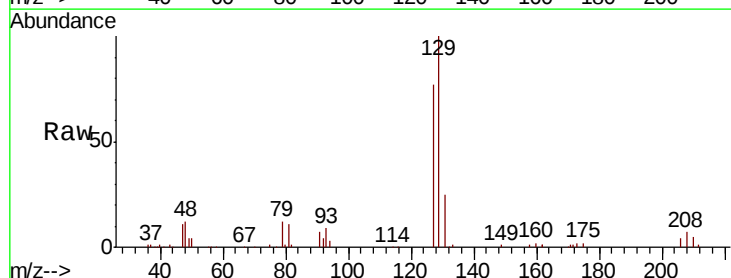
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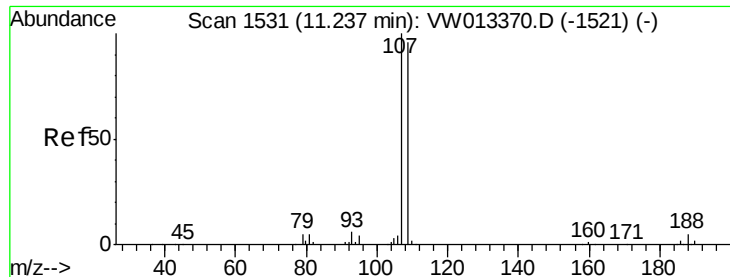
MMDadoda
10/8/2019 1:31:07 PM



#60
Dibromochloromethane
Concen: 21.050 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion: 129 Resp: 47324
Ion Ratio Lower Upper
129 100
127 75.5 38.8 116.4





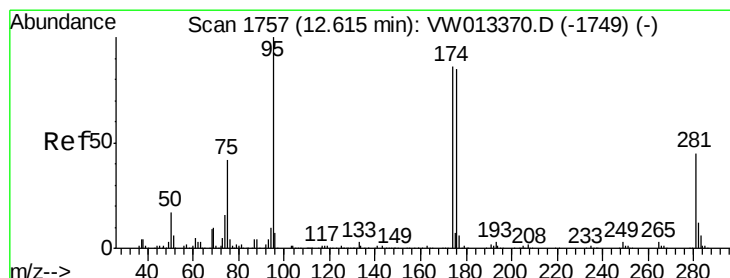
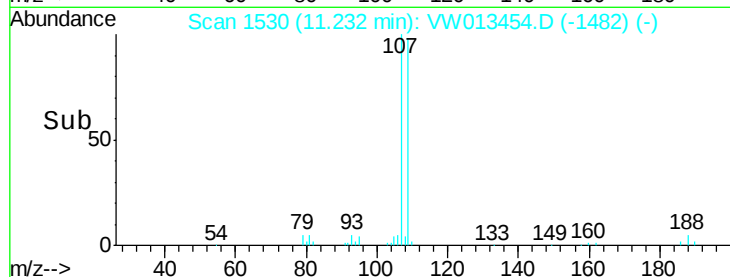
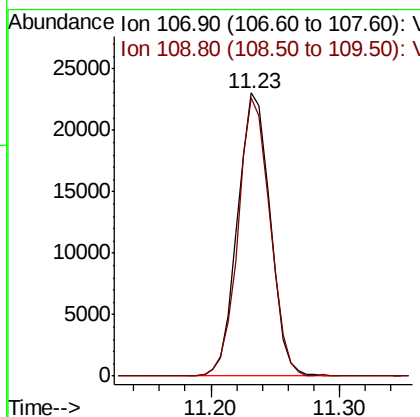
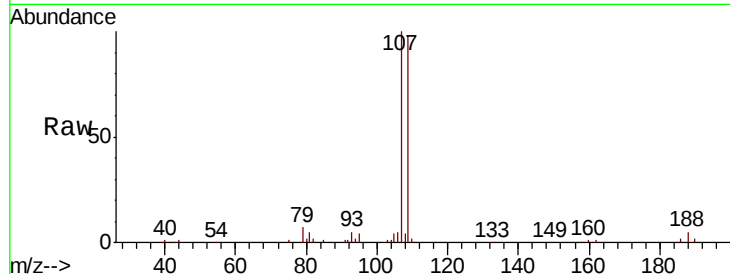
#61
 1,2-Dibromoethane
 Concen: 21.221 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.2	75.2	112.8

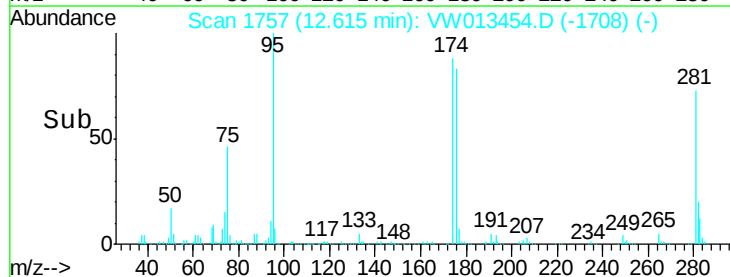
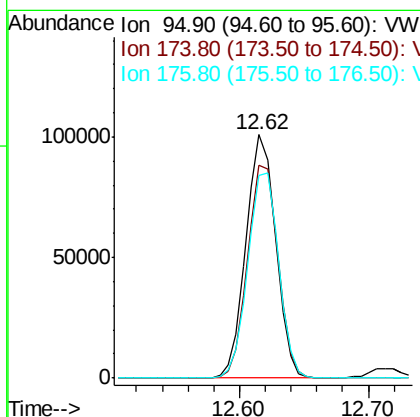
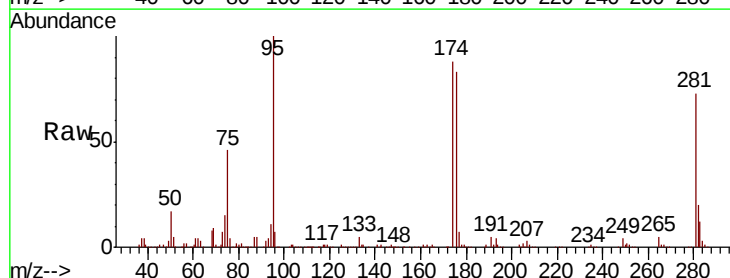
Manual Integrations
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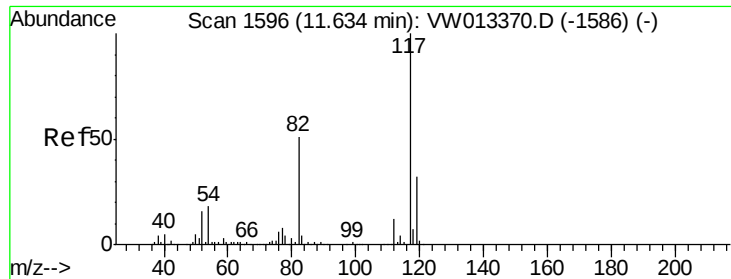
MMDadoda
 10/8/2019 1:31:07 PM



#62
 4-Bromofluorobenzene
 Concen: 52.854 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	178.4
176	87.1	0.0	172.2





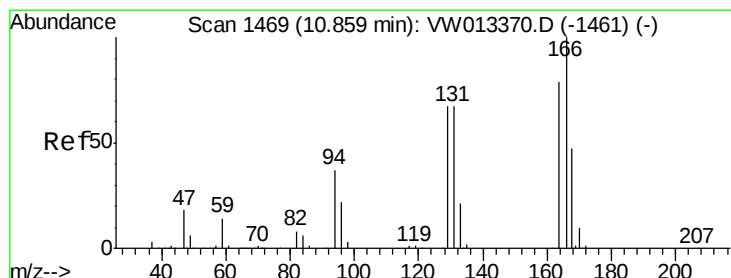
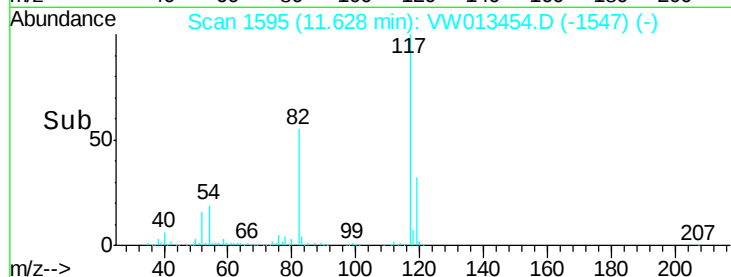
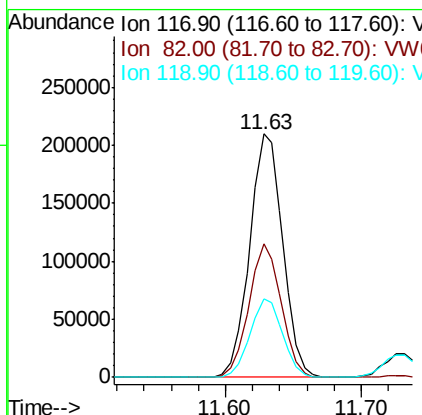
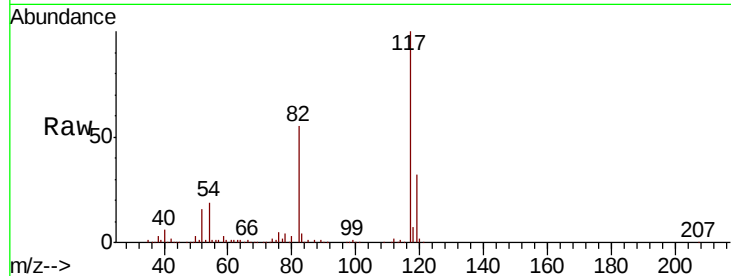
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.9	68.9
119	32.1	26.2	39.2

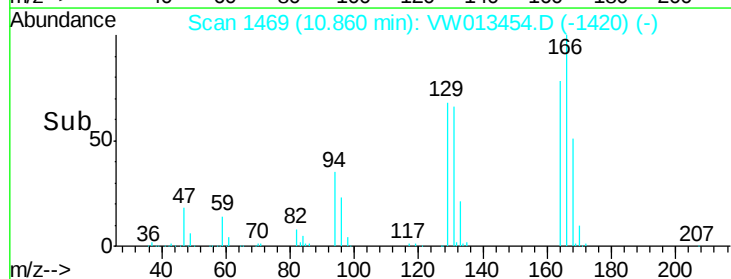
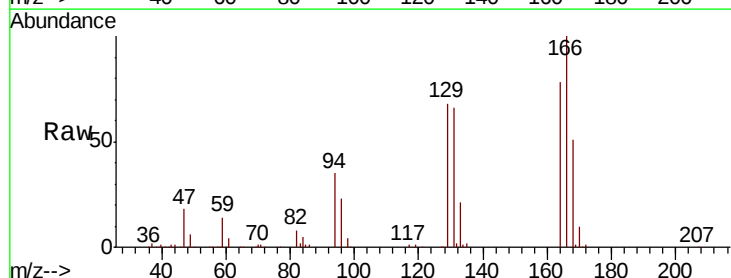
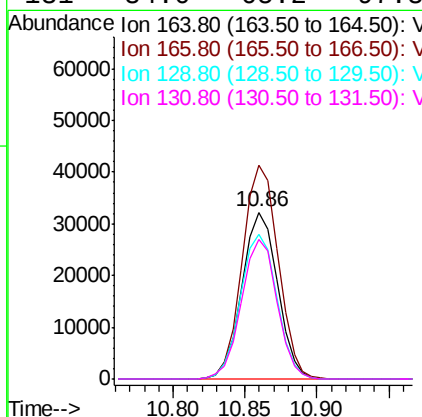
Manual Integrations
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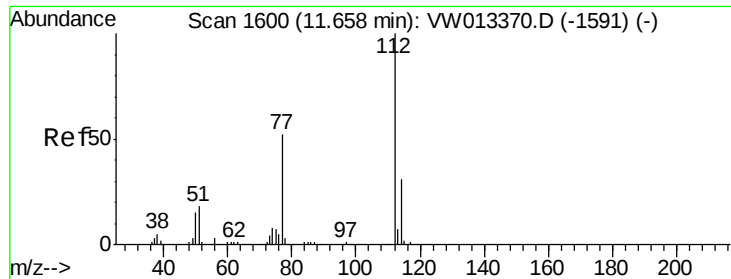
MMDadoda
10/8/2019 1:31:07 PM



#64
Tetrachloroethene
Concen: 20.296 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.2	151.8
129	86.8	68.8	103.2
131	84.0	65.2	97.8





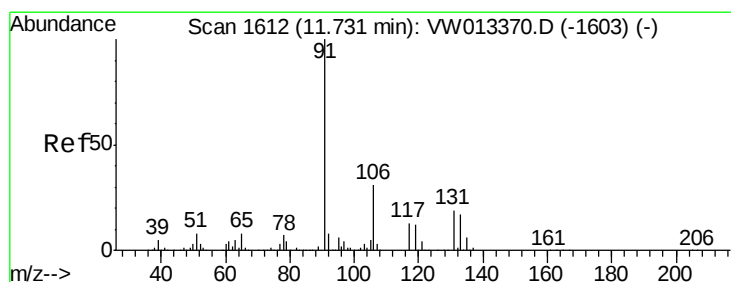
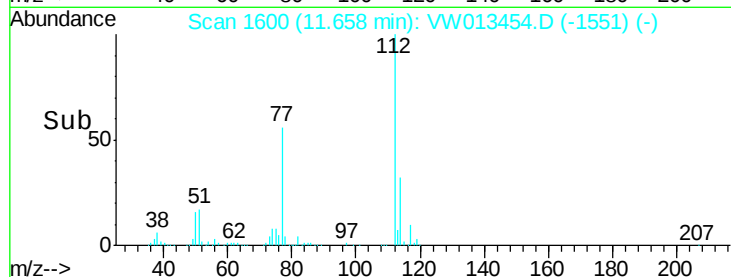
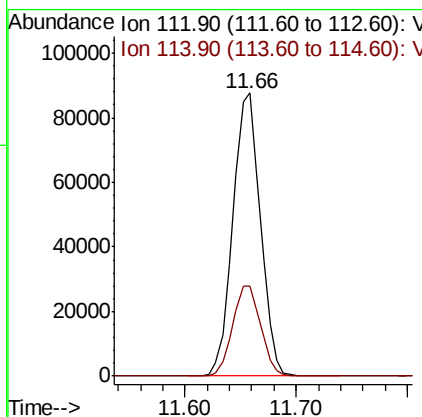
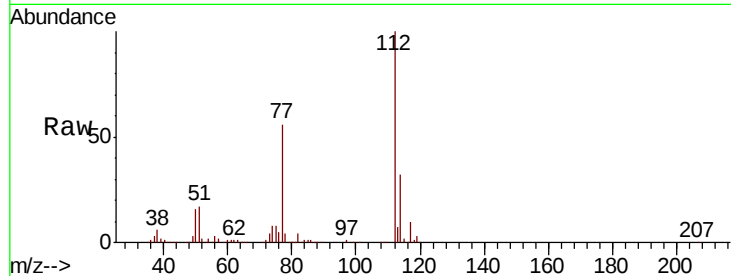
#65
Chlorobenzene
Concen: 20.460 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion:112 Resp: 149744
Ion Ratio Lower Upper
112 100
114 31.8 26.5 39.7

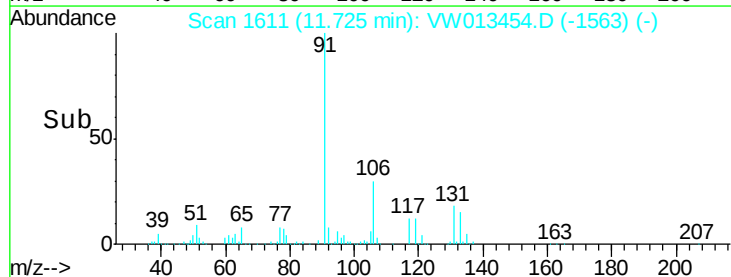
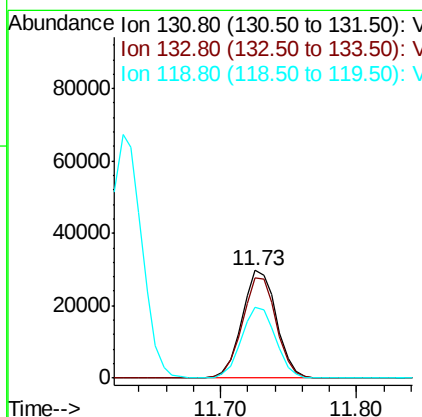
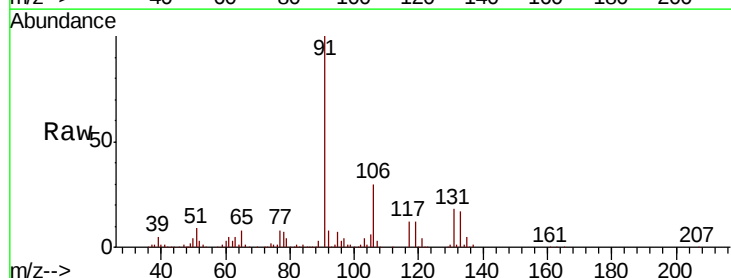
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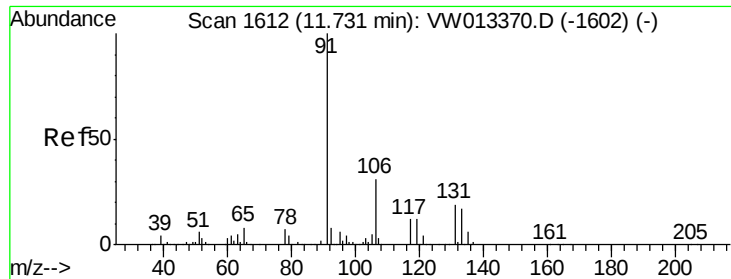
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.132 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion:131 Resp: 52677
Ion Ratio Lower Upper
131 100
133 91.9 47.5 142.6
119 65.5 32.5 97.5





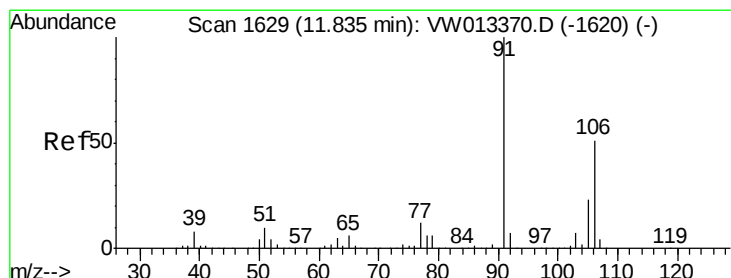
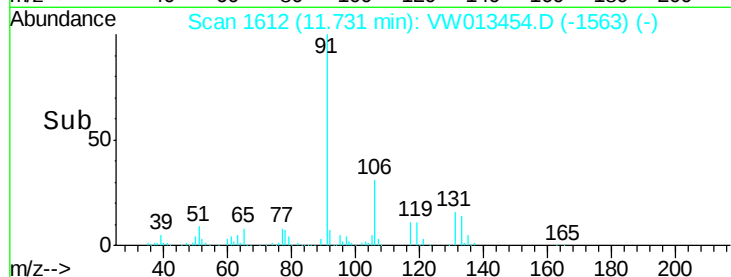
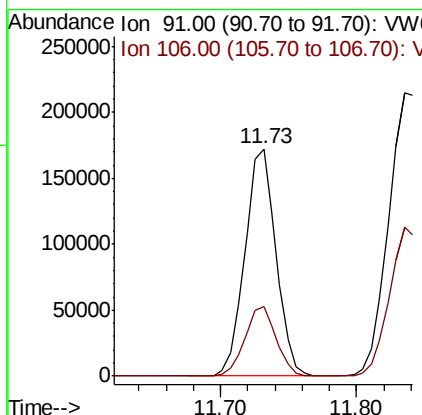
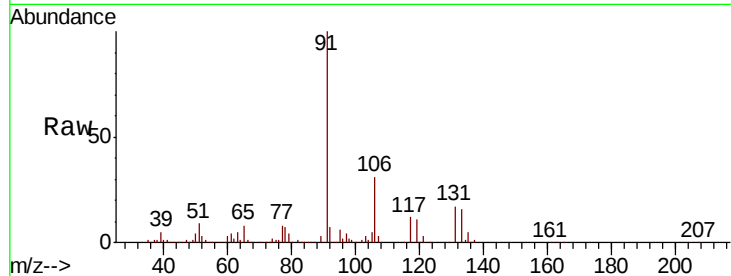
#67
Ethyl Benzene
Concen: 21.048 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion: 91 Resp: 276090
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

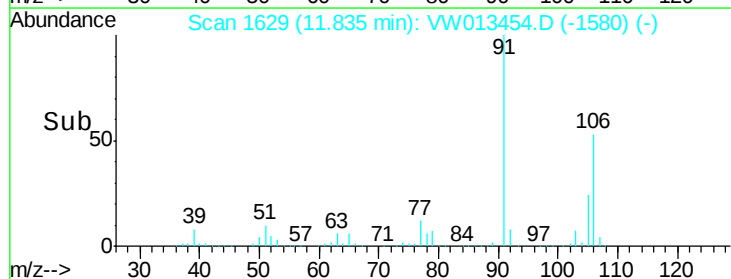
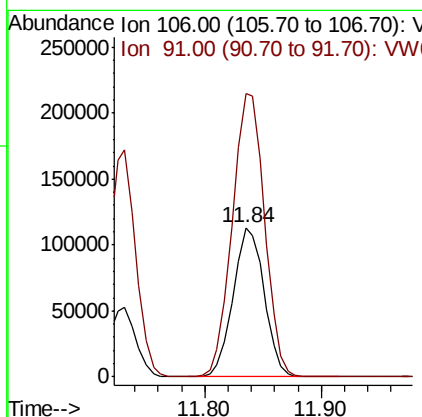
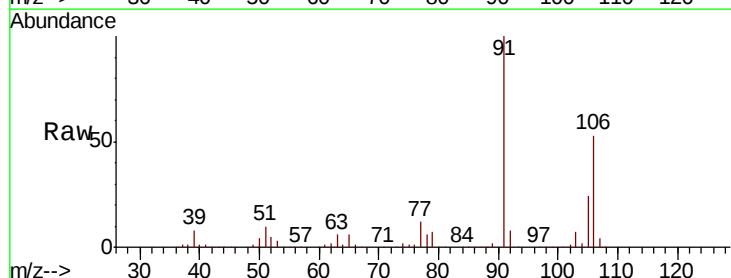
Manual Integrations
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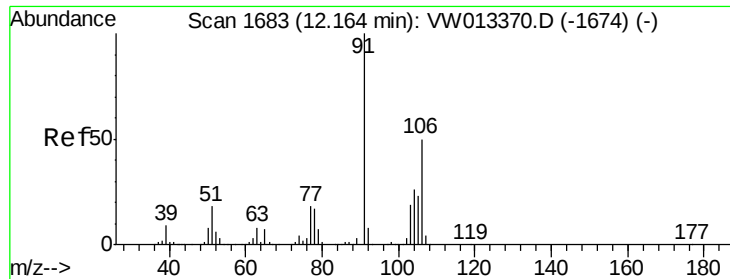
MMDadoda
10/8/2019 1:31:07 PM



#68
m/p-Xylenes
Concen: 41.550 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion: 106 Resp: 210373
Ion Ratio Lower Upper
106 100
91 196.9 157.9 236.9





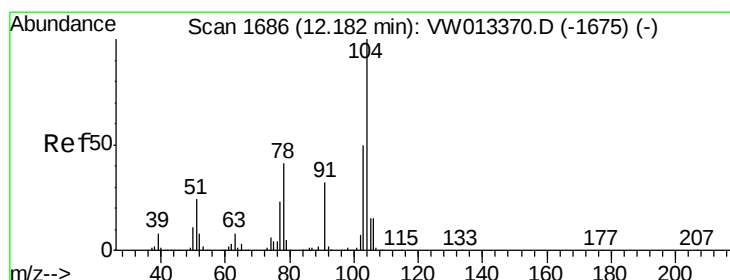
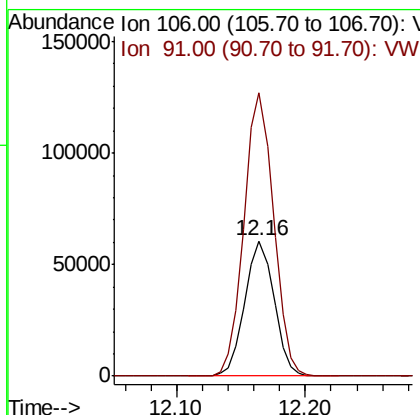
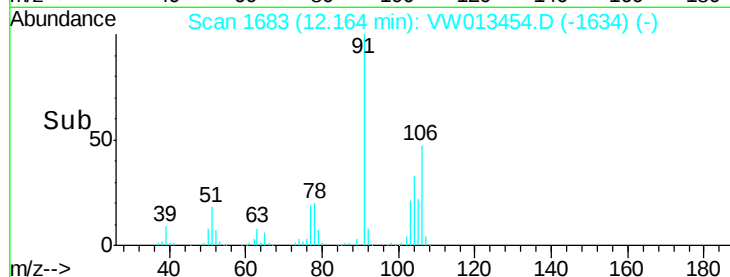
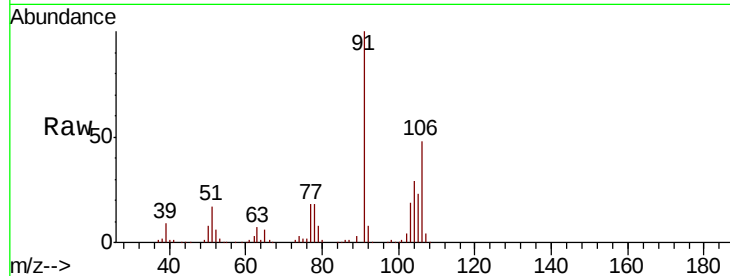
#69
o-Xylene
Concen: 20.341 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.6	106.5	319.5

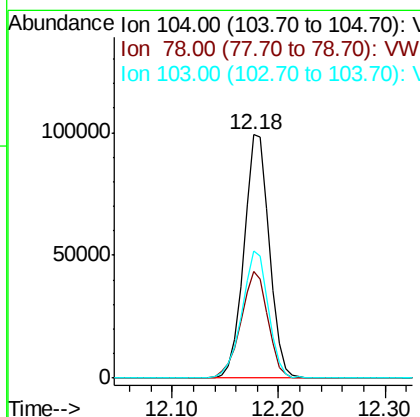
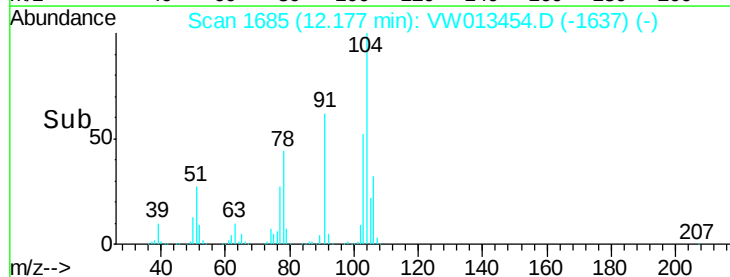
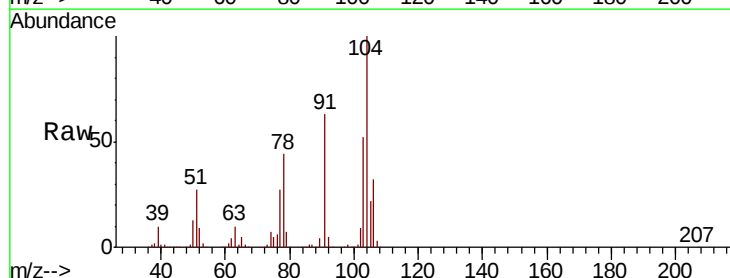
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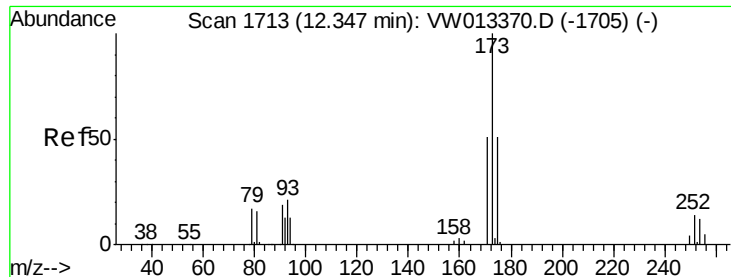
MMDadoda
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#70
Styrene
Concen: 20.673 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.8	38.4	57.6
103	54.7	43.3	64.9





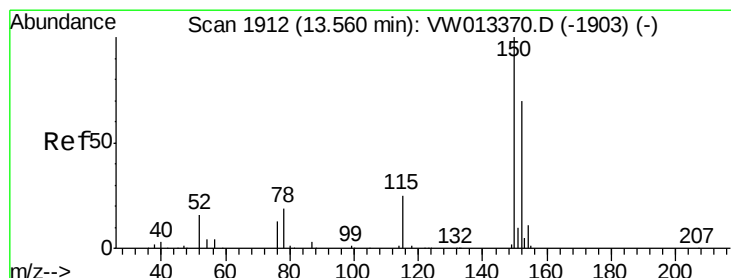
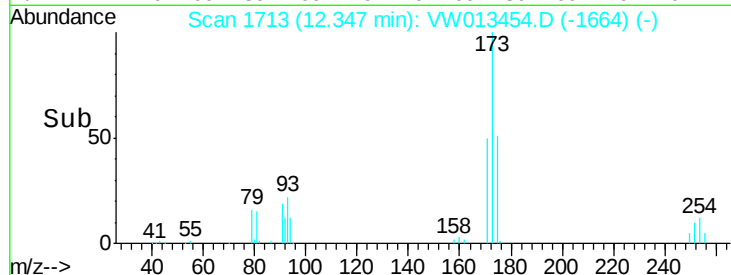
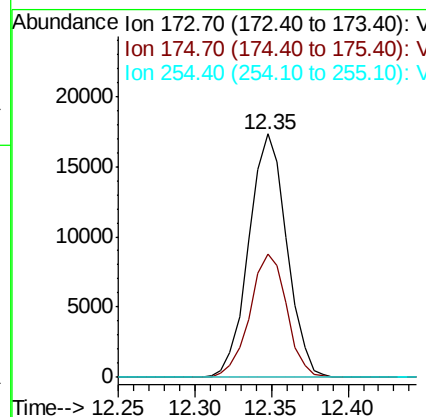
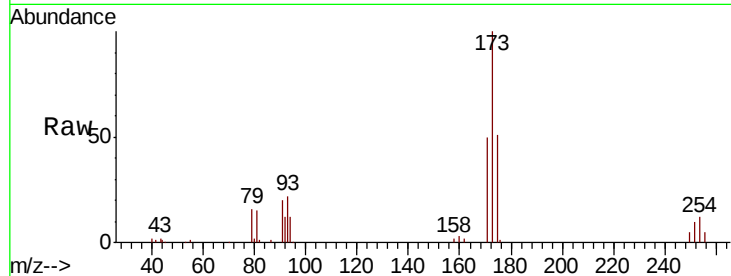
#71
Bromoform
Concen: 22.109 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	73.0
254	0.0	0.1	0.1#

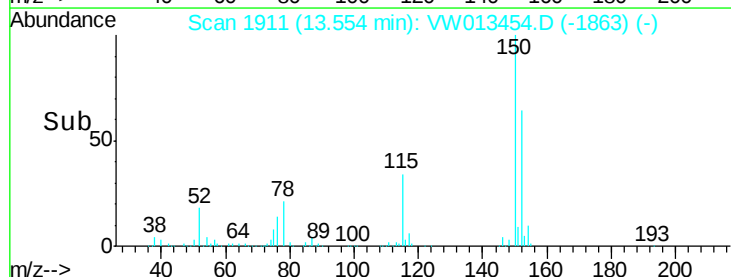
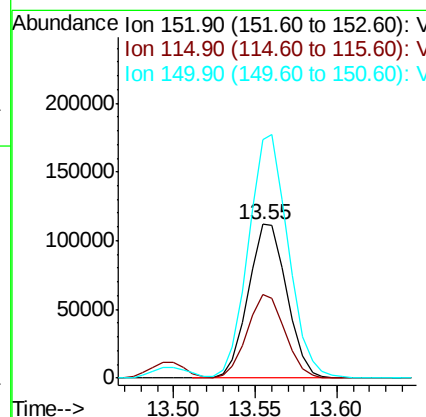
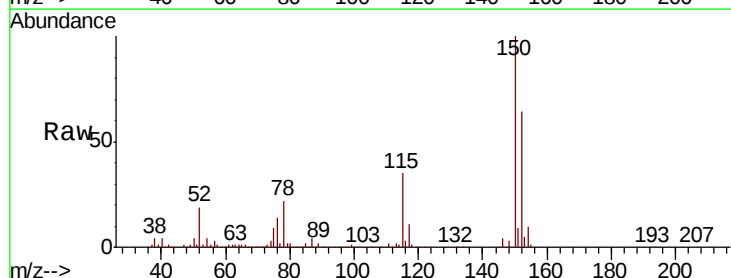
Manual Integrations
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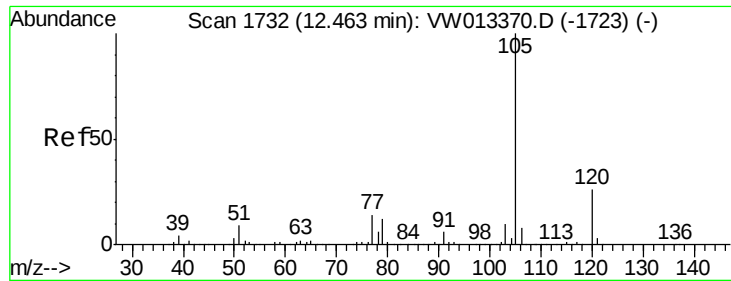
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	27.3	81.9
150	162.9	0.0	349.0





#73

Isopropylbenzene

Concen: 20.283 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 105 Resp: 273829

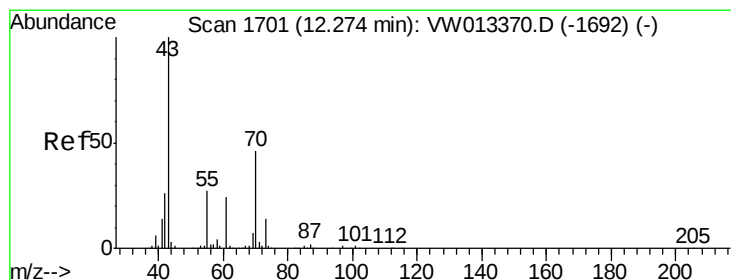
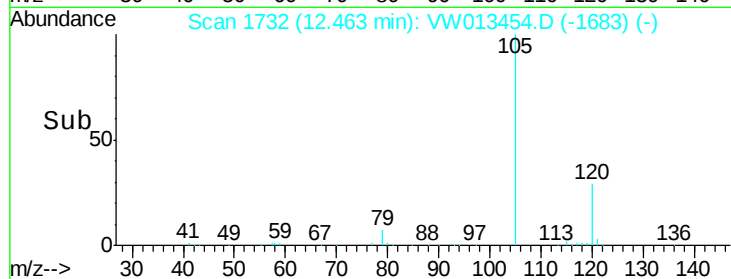
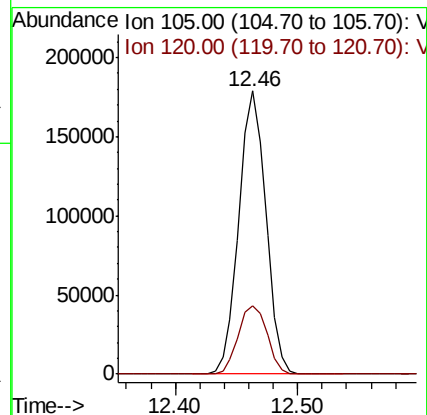
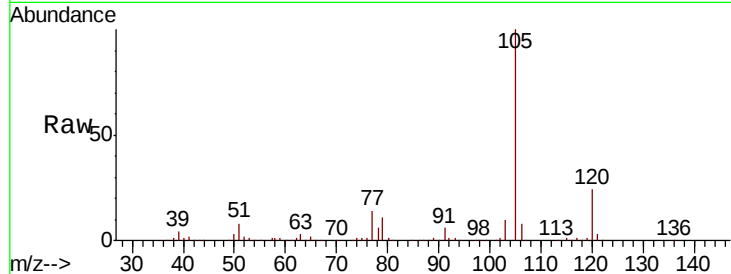
Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1

Manual Integrations
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#74

N-ethyl acetate

Concen: 21.199 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Tgt Ion: 43 Resp: 60909

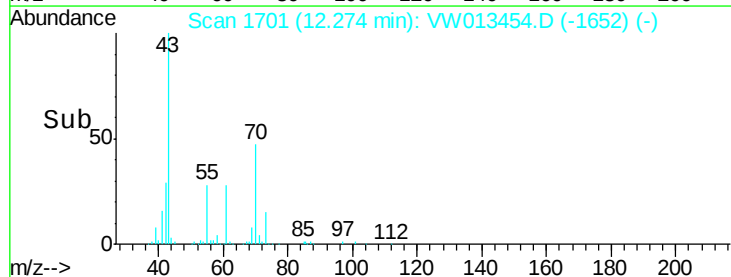
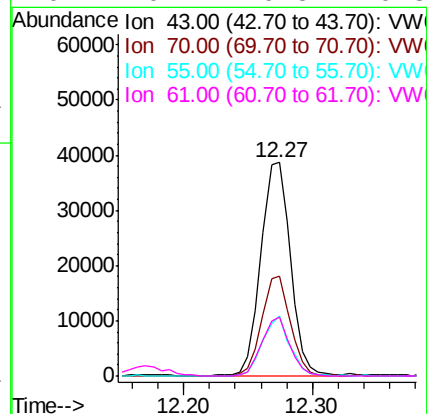
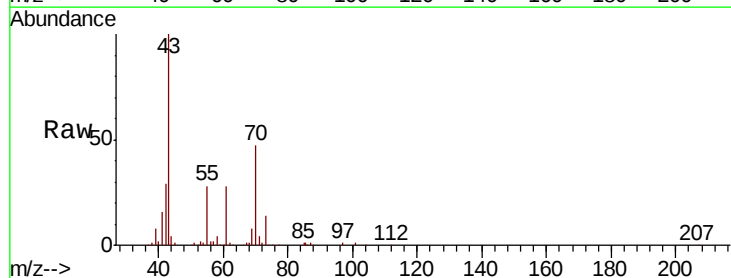
Ion Ratio Lower Upper

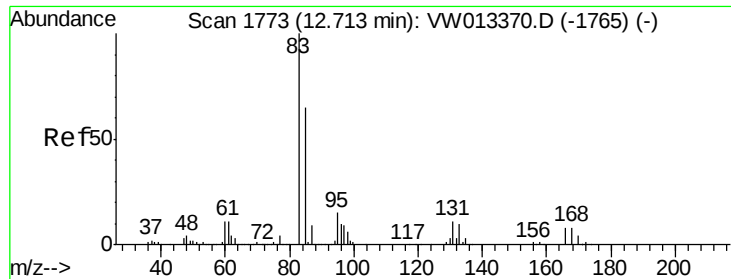
43 100

70 45.6 35.1 52.7

55 26.3 19.9 29.9

61 26.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.619 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

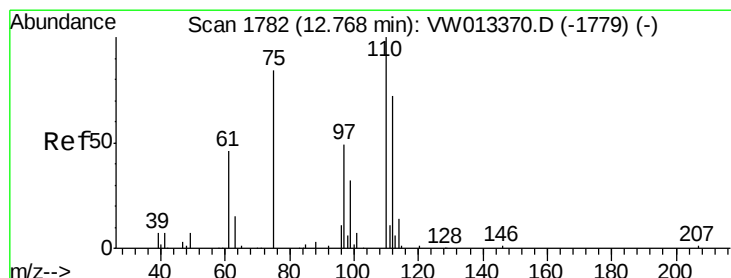
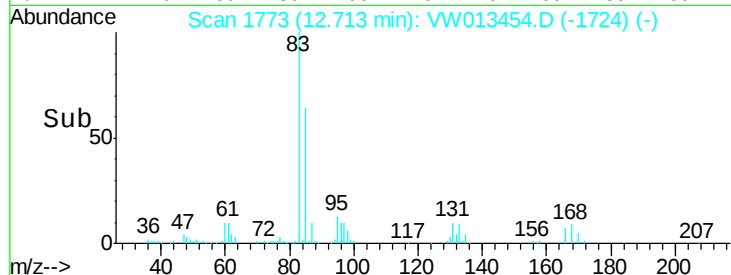
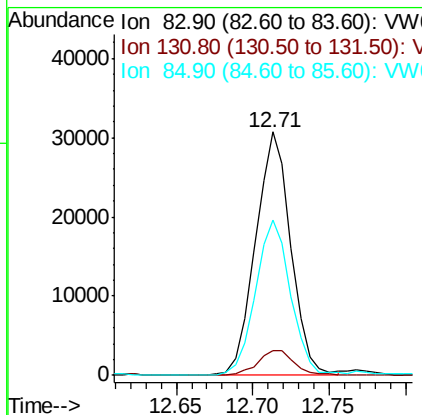
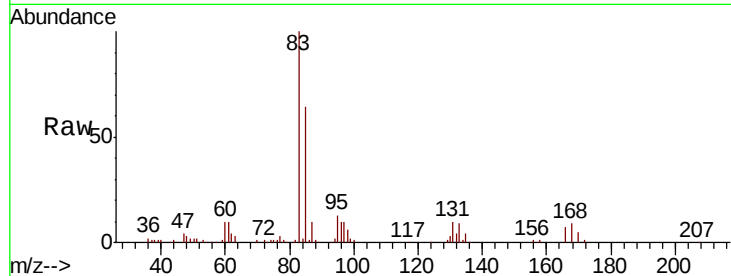
ClientSampleId :

VW1007SBS01

Tot Ion:	83	Resp:	49399
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	63.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 27.492 ug/l m

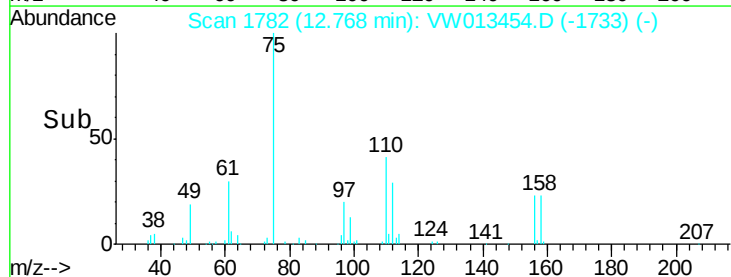
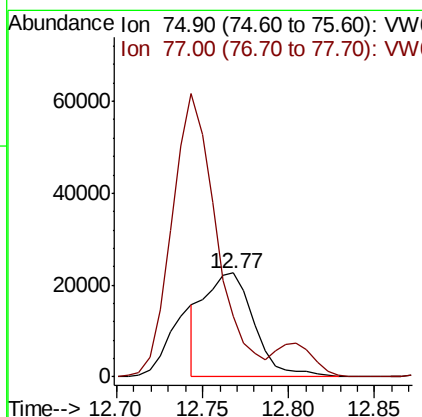
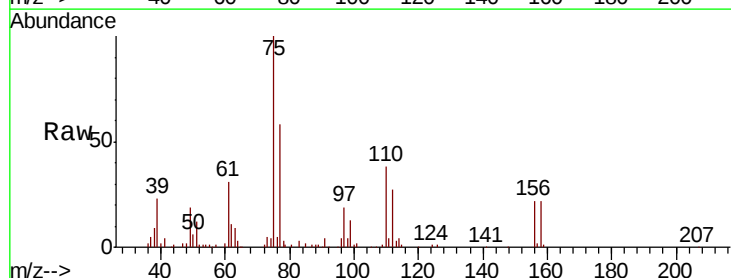
RT: 12.77 min Scan# 1782

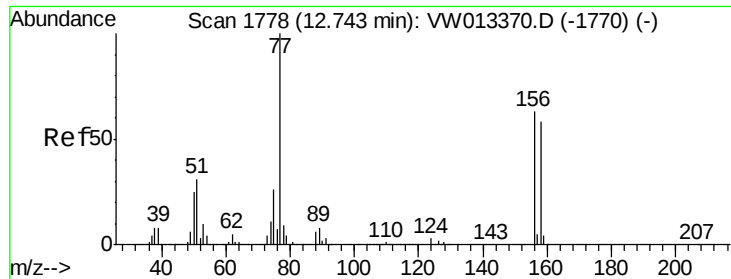
Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Tgt Ion:	75	Resp:	45096
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





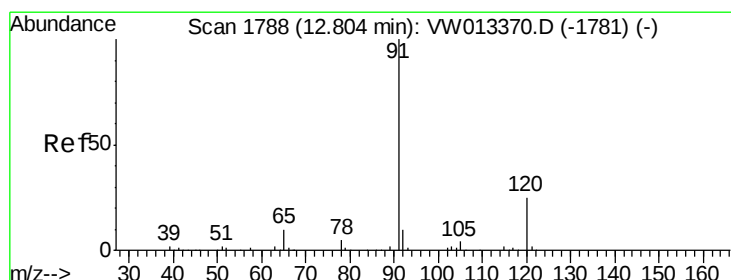
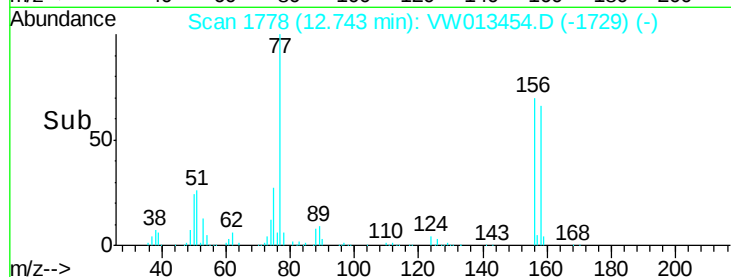
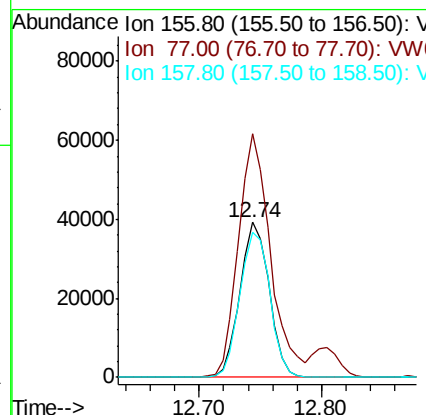
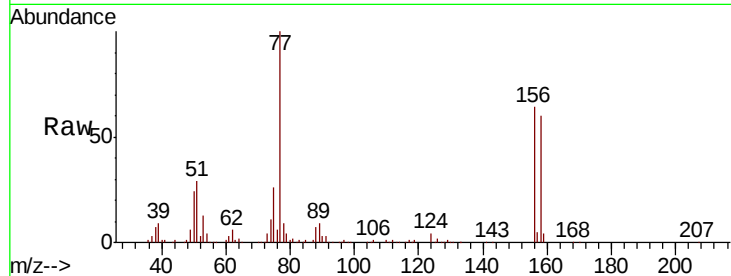
#77
Bromobenzene
Concen: 19.997 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	172.2	85.7	257.1	
158	96.4	48.1	144.4	

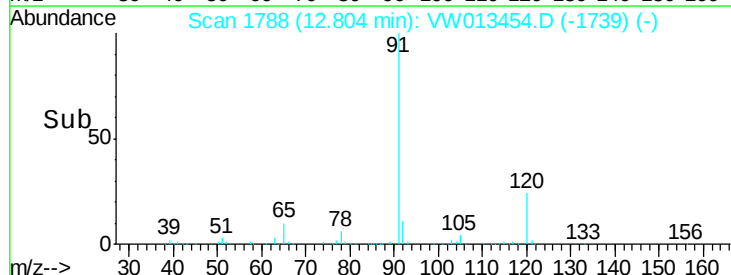
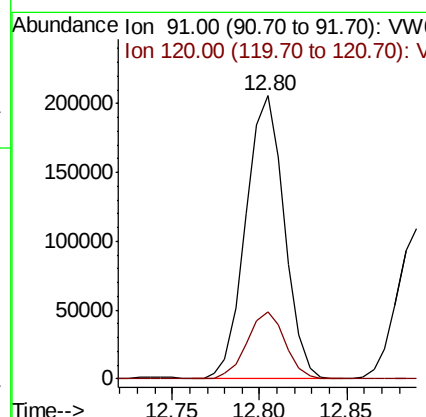
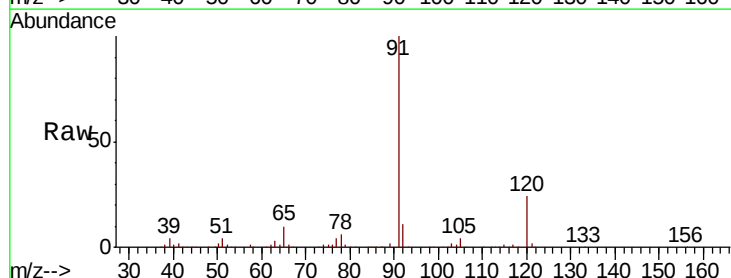
Manual Integrations
APPROVED

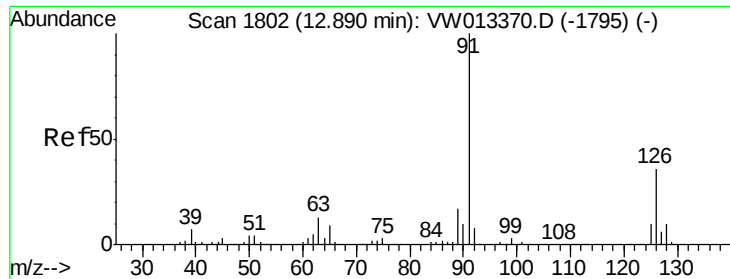
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10/8/2019 1:31:07 PM



#78
n-propylbenzene
Concen: 20.371 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.4	11.7	35.1	





#79

2-Chlorotoluene

Concen: 20.426 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 91 Resp: 176183

Ion Ratio Lower Upper

91 100

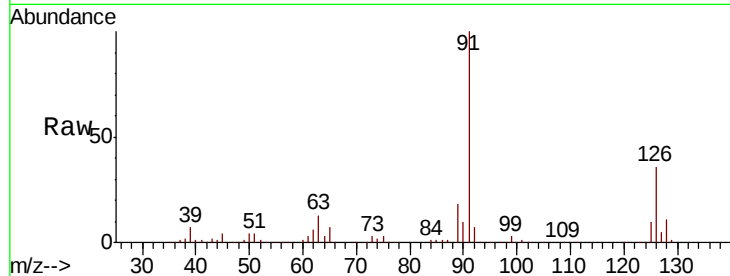
126 34.6 17.2 51.5

Manual Integrations

APPROVED

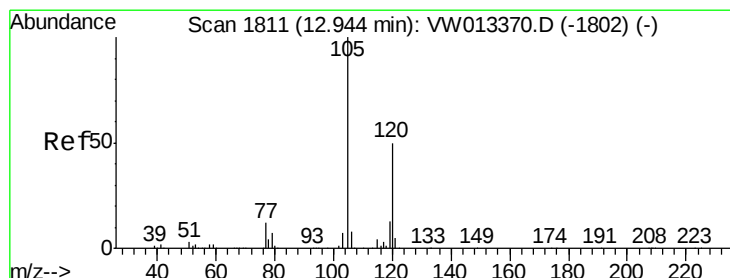
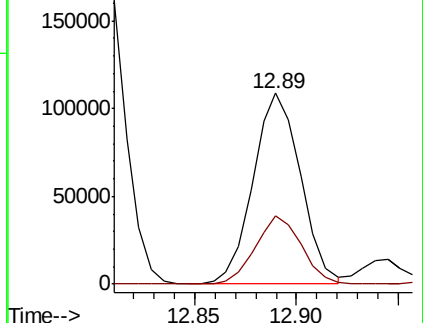
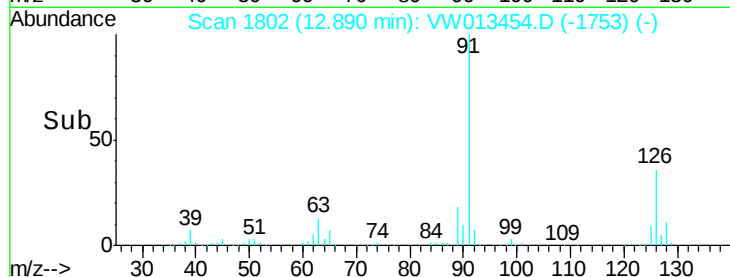
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.073 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013454.D

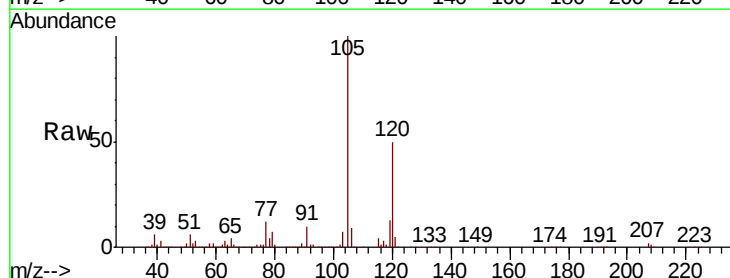
Acq: 07 Oct 2019 11:16

Tgt Ion:105 Resp: 225116

Ion Ratio Lower Upper

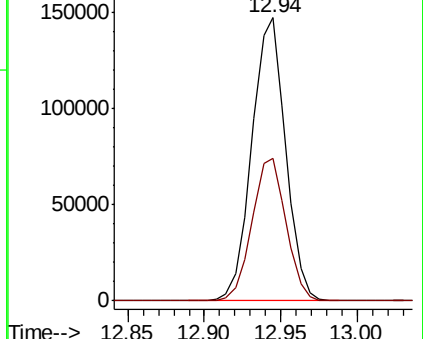
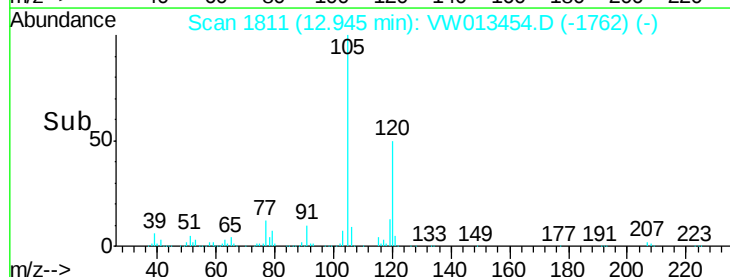
105 100

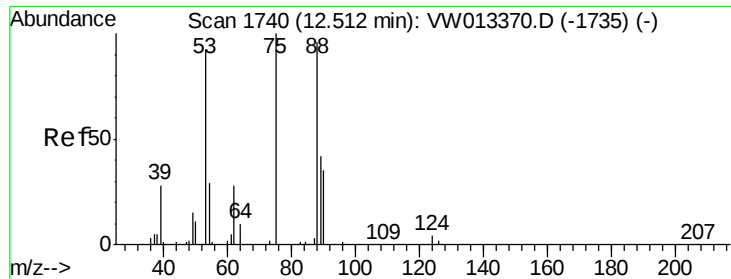
120 51.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





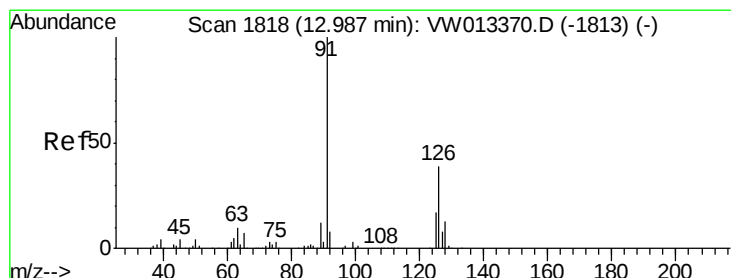
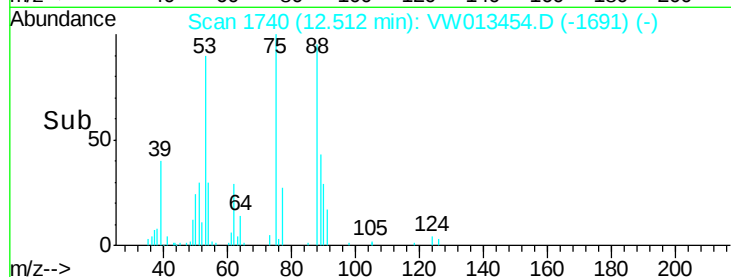
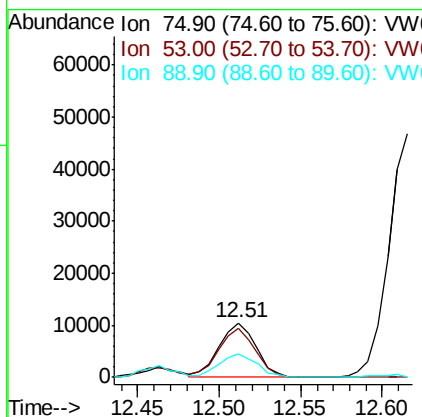
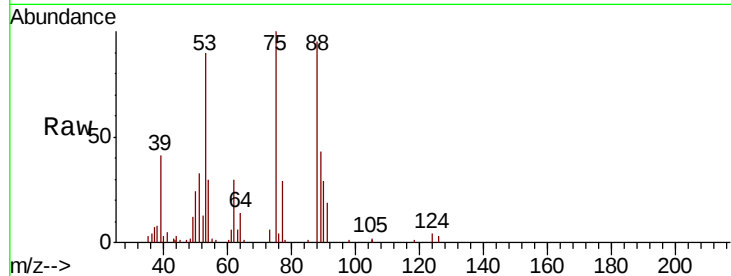
#81
trans-1,4-Dichloro-2-butene
Concen: 23.466 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.6	76.6	114.8
89	44.7	33.5	50.3

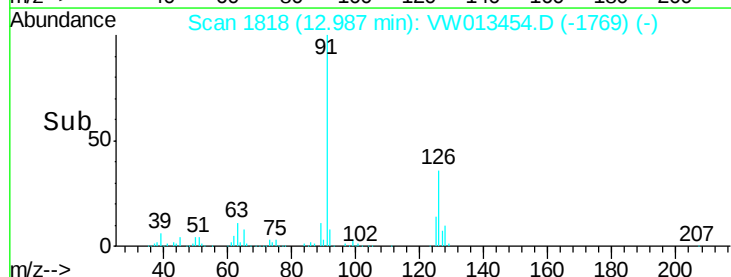
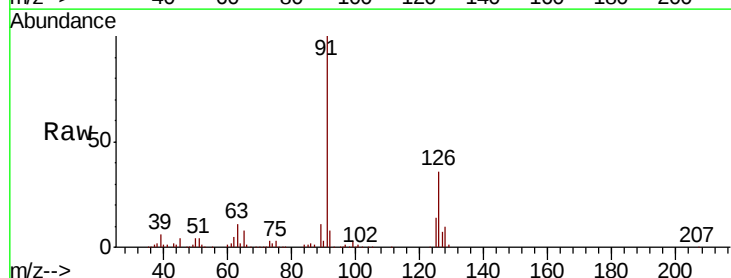
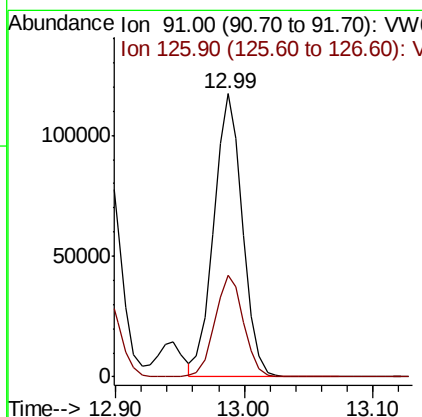
Manual Integrations
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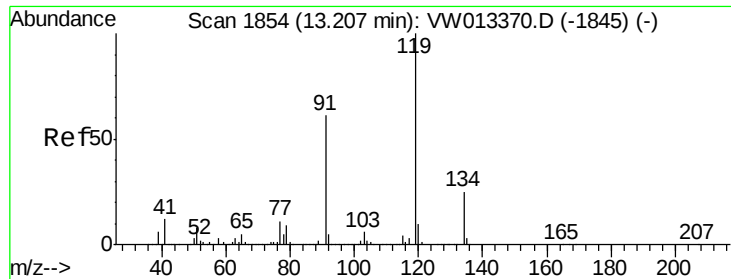
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#82
4-Chlorotoluene
Concen: 20.284 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.3	51.7





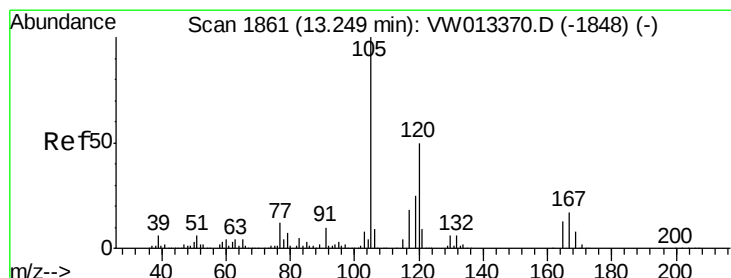
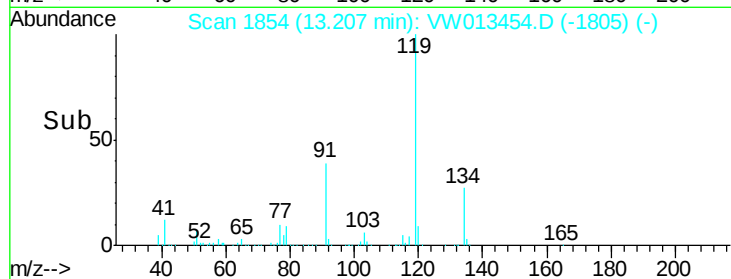
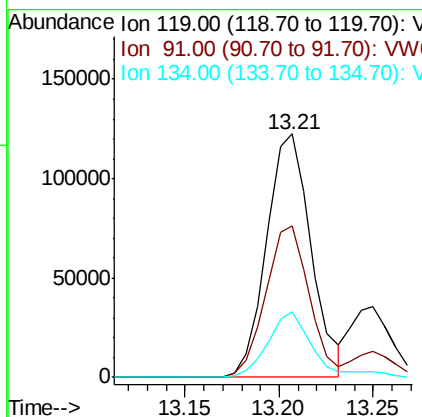
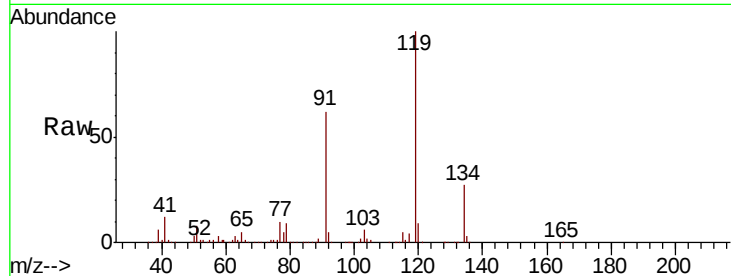
#83
tert-Butylbenzene
Concen: 20.503 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.7	92.1
134	27.2	12.6	37.6

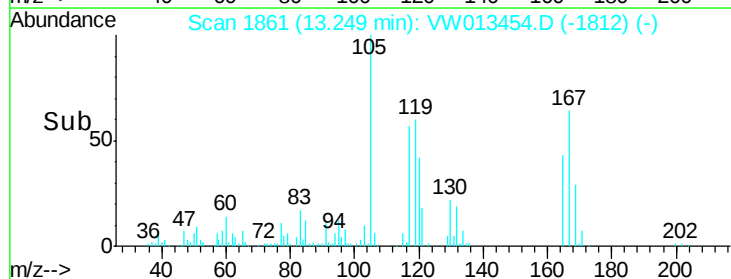
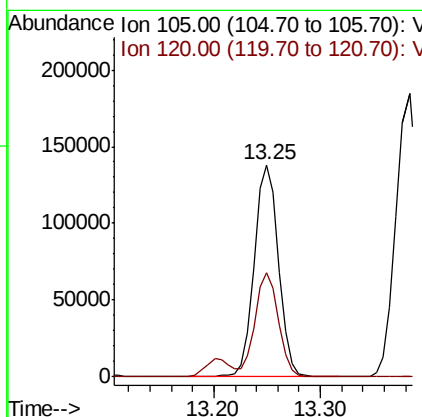
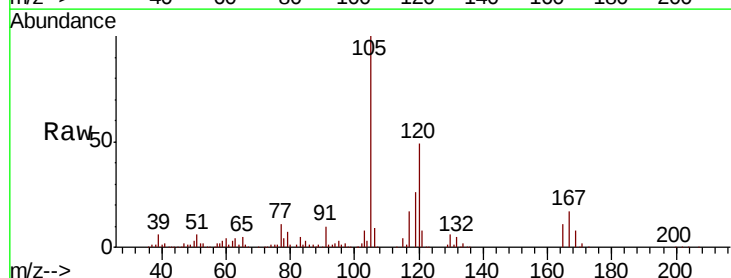
Manual Integrations
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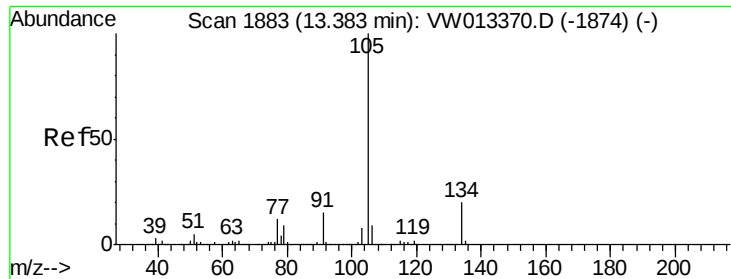
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#84
1,2,4-Trimethylbenzene
Concen: 19.828 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.759 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion:105 Resp: 280367

Ion Ratio Lower Upper

105 100

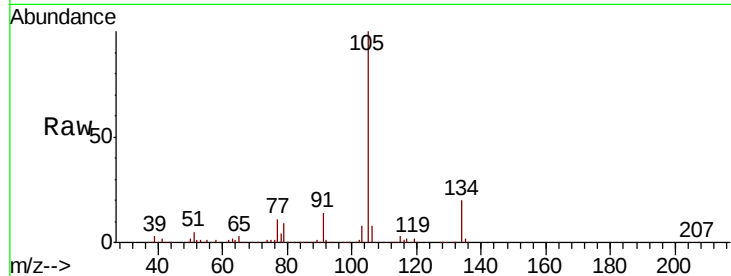
134 19.9 10.3 30.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

200000

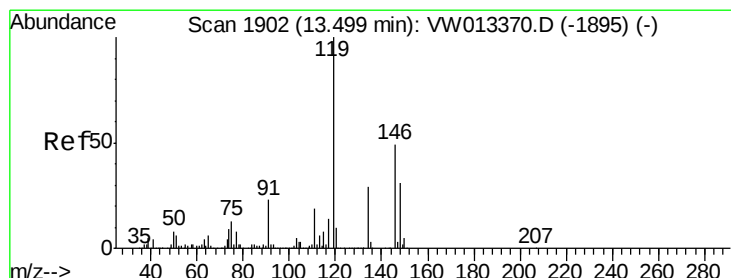
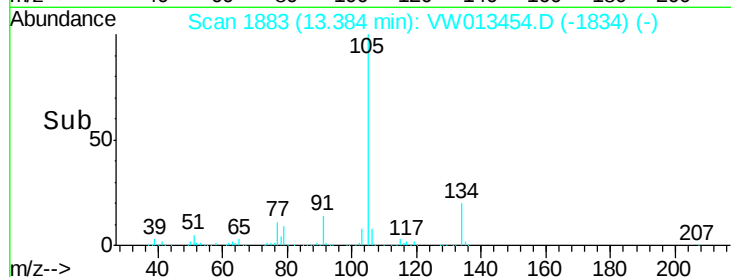
150000

100000

50000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 20.634 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

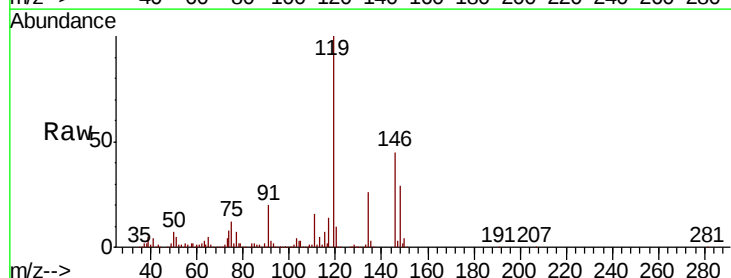
Tgt Ion:119 Resp: 258261

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 21.5 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

200000

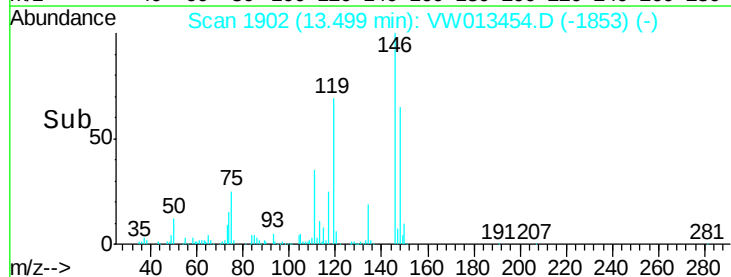
150000

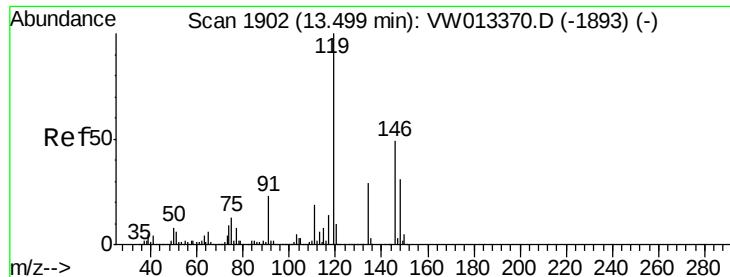
100000

50000

0

Time--> 13.45 13.50 13.55





#87

1,3-Dichlorobenzene

Concen: 19.932 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Instrument :

MSVOA_W

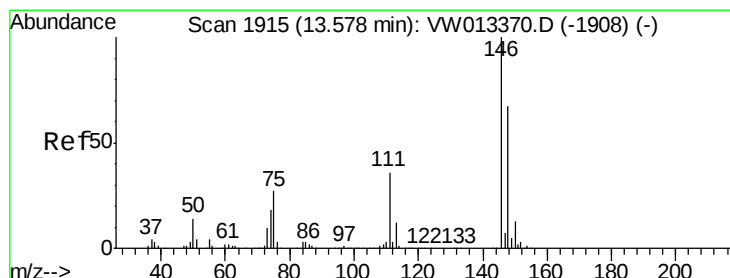
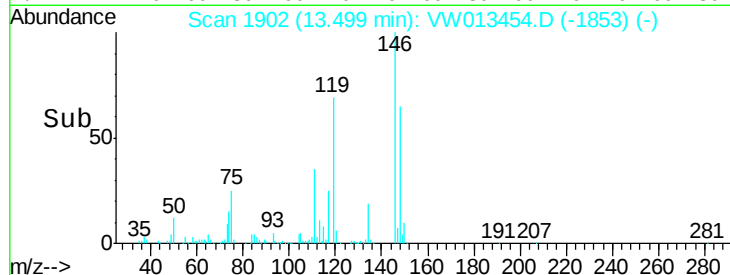
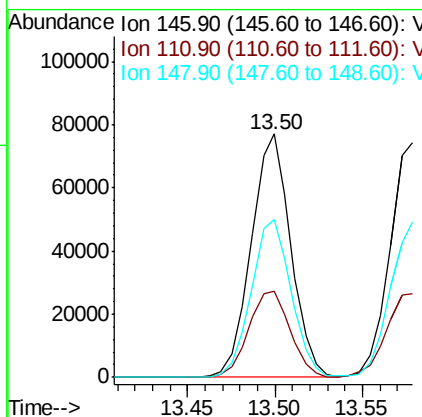
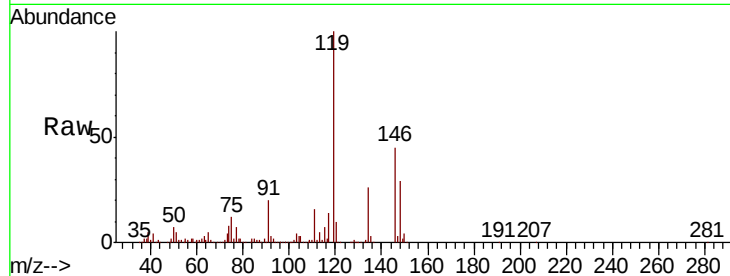
ClientSampleId :

VW1007SBS01

Tot Ion:	146	Resp:	121563
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.9	56.9
148	65.5	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.956 ug/l

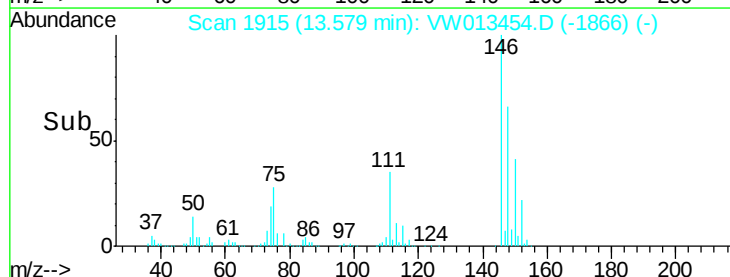
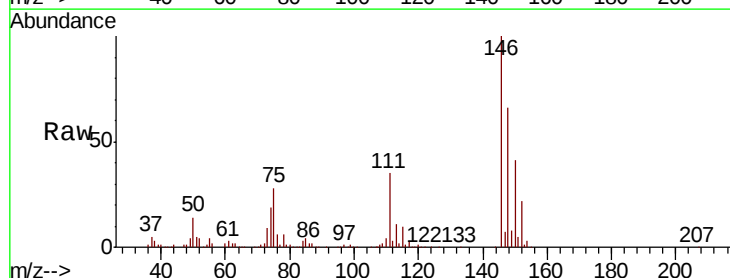
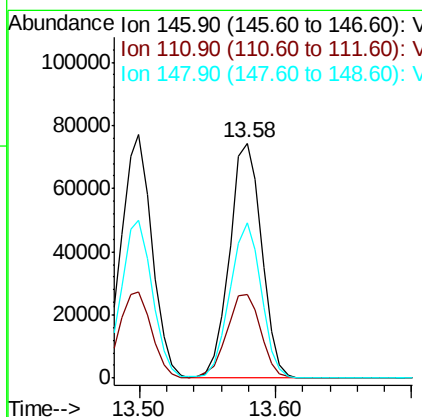
RT: 13.58 min Scan# 1915

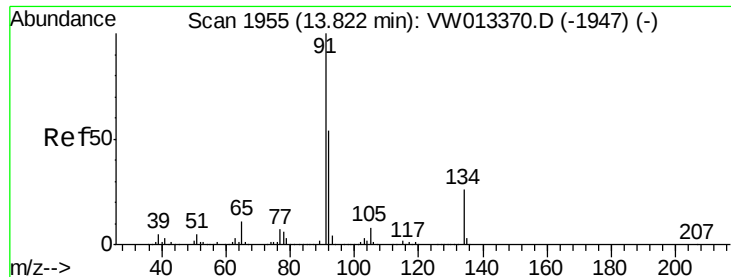
Delta R.T. 0.00 min

Lab File: VW013454.D

Acq: 07 Oct 2019 11:16

Tgt Ion:	146	Resp:	121862
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.4	55.0
148	64.8	32.1	96.3





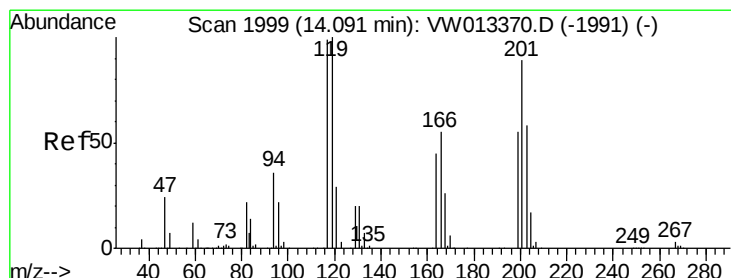
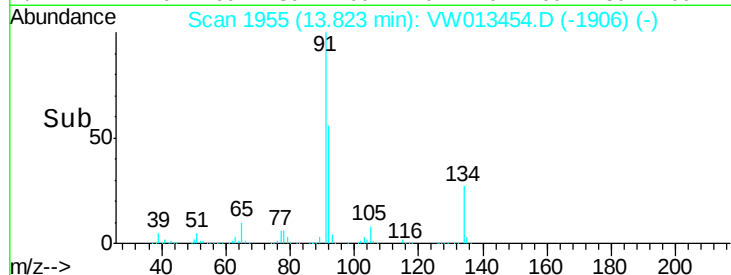
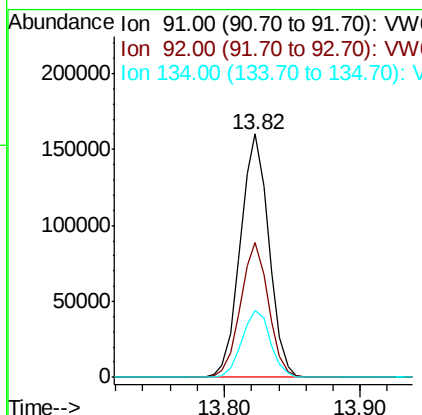
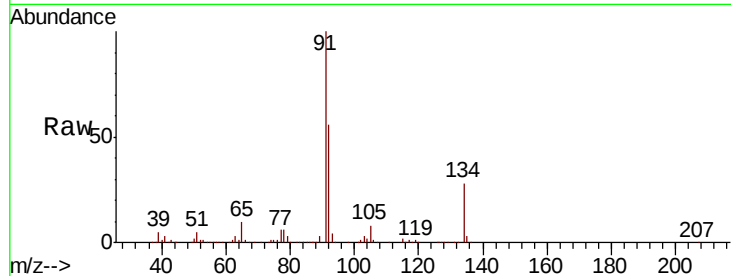
#89
n-Butylbenzene
Concen: 20.794 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	234644		
92	54.2		27.6	82.8
134	27.6		13.7	41.1

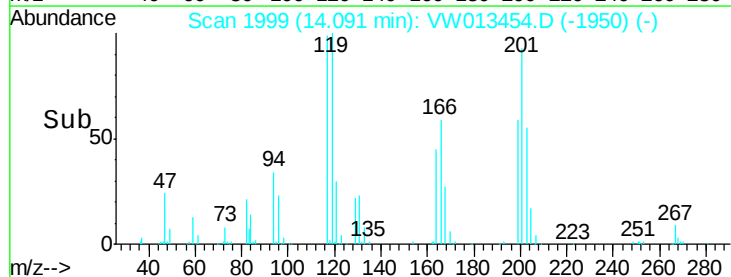
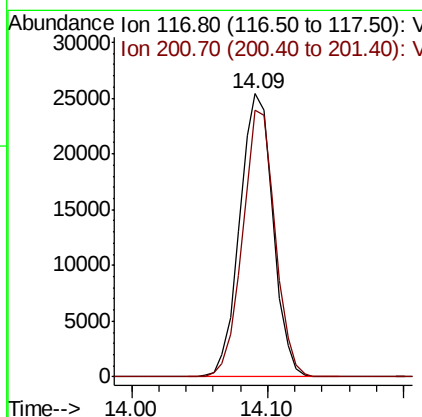
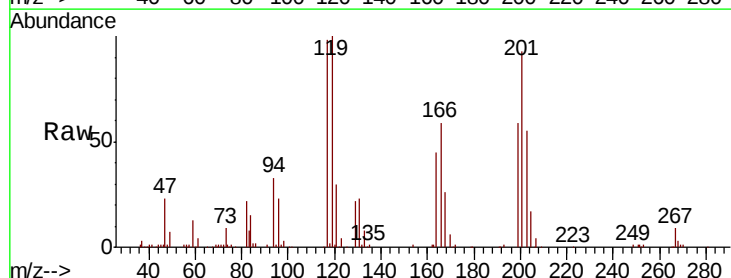
Manual Integrations
APPROVED

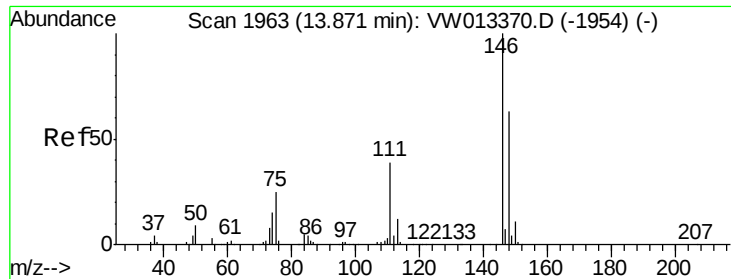
MMDadoda
10/8/2019 1:31:07 PM



#90
Hexachloroethane
Concen: 20.946 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43312		
201	92.0		44.5	133.5





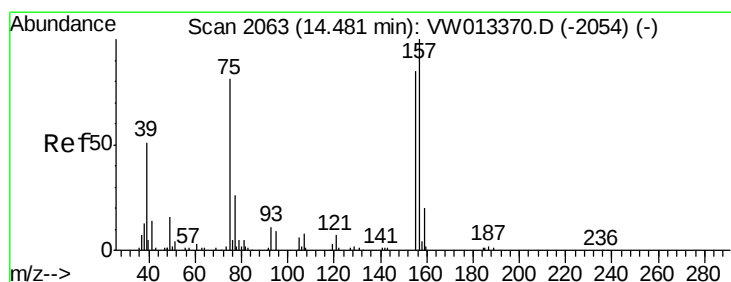
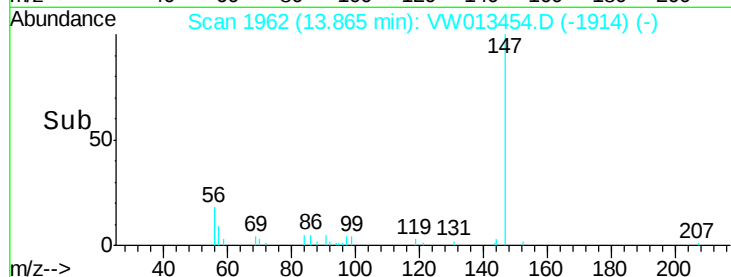
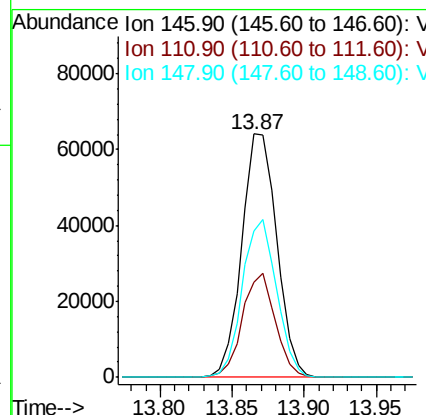
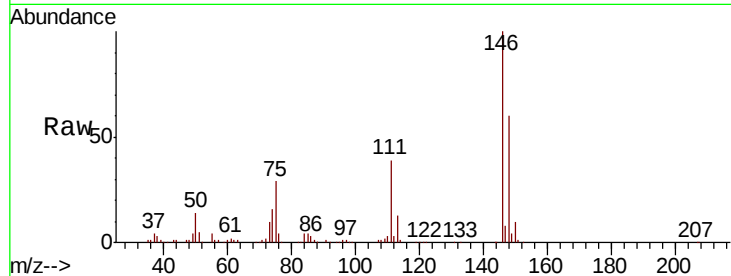
#91
 1,2-Dichlorobenzene
 Concen: 20.098 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.3
148	63.4	32.0	96.0

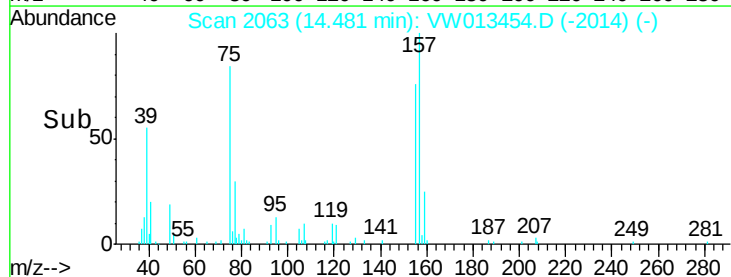
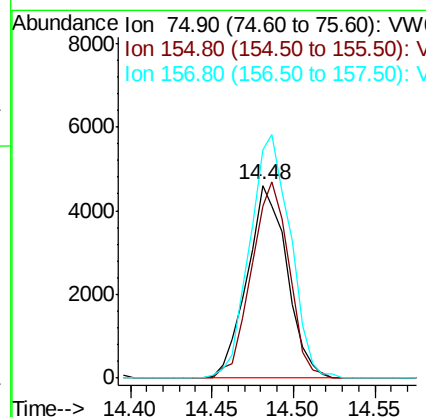
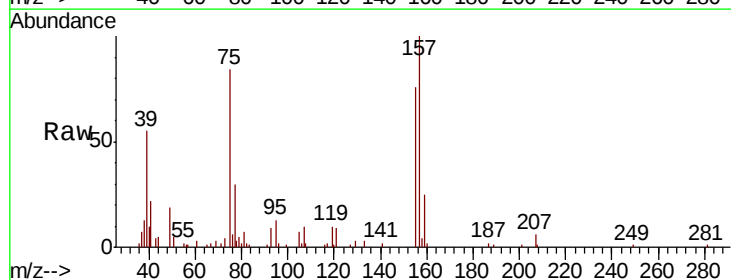
Manual Integrations
 APPROVED

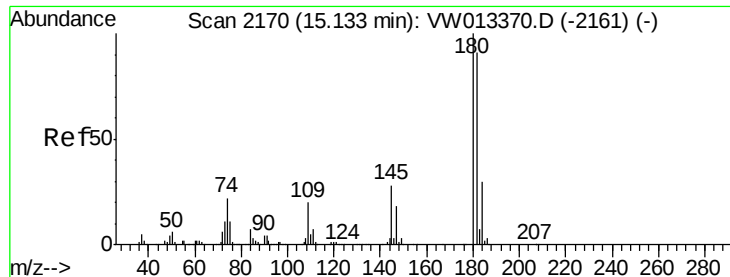
MMDadoda
 10/8/2019 1:31:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.813 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	46.1	138.3
157	128.6	60.4	181.2





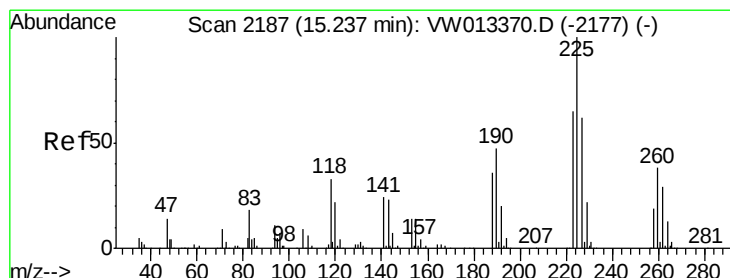
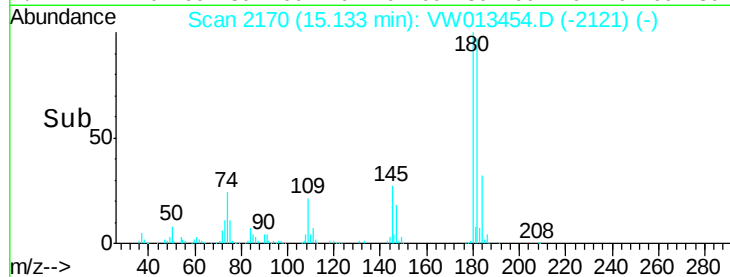
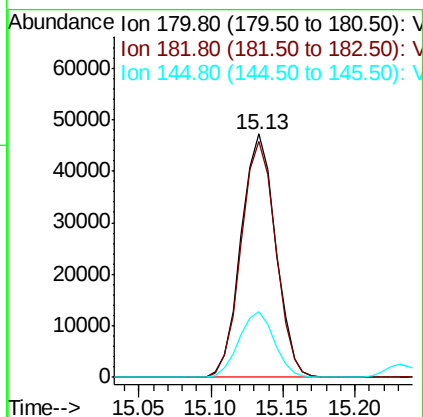
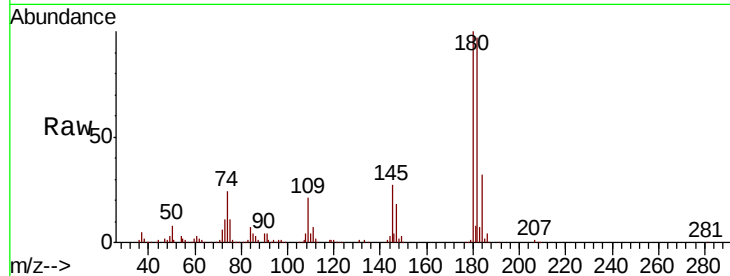
#93
 1,2,4-Trichlorobenzene
 Concen: 20.291 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	78510		
182	97.1	47.3	142.0	
145	27.7	14.2	42.8	

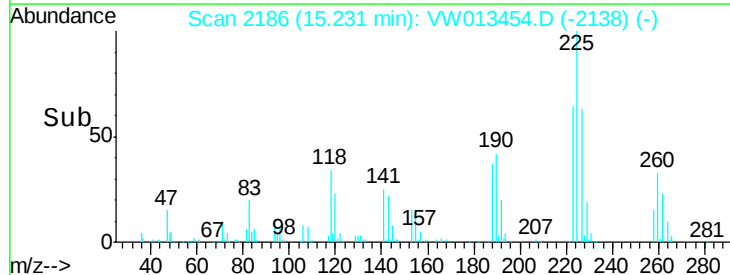
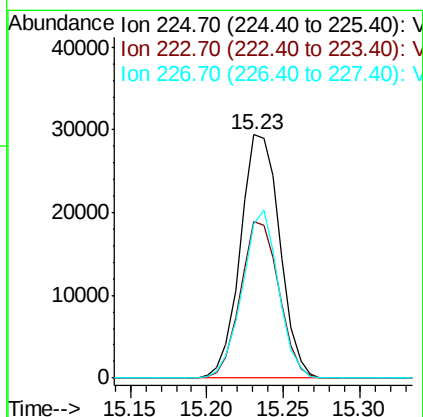
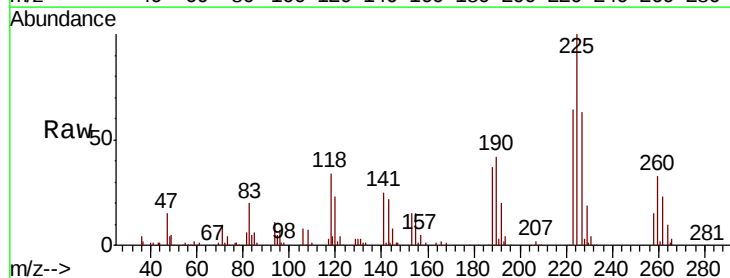
Manual Integrations
 APPROVED

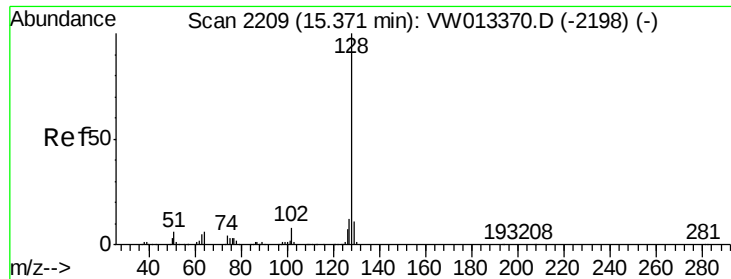
MMDadoda
 10/8/2019 1:31:07 PM



#94
 Hexachlorobutadiene
 Concen: 20.979 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013454.D
 Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52728		
223	62.5	30.6	91.8	
227	62.9	31.9	95.9	





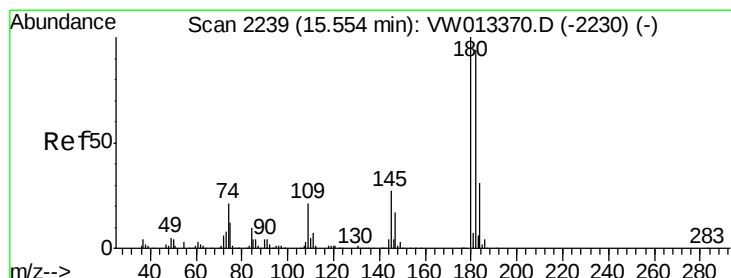
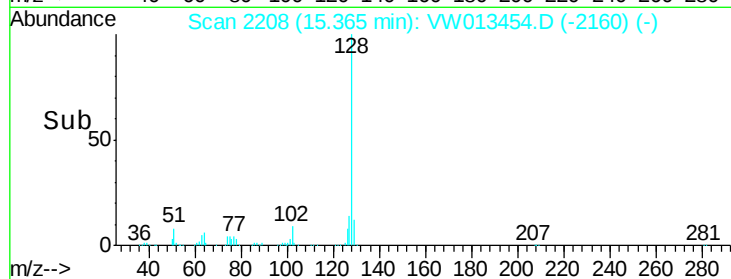
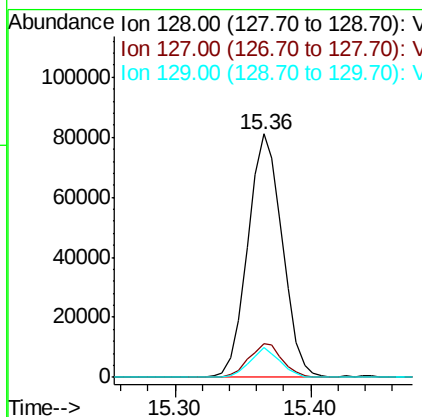
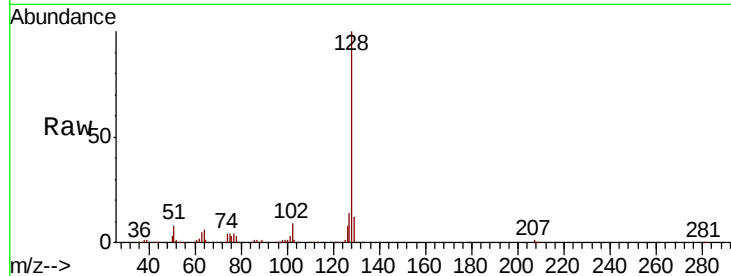
#95
Naphthalene
Concen: 22.039 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2019 1:31:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.528 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013454.D
Acq: 07 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.7
145	30.6	15.0	45.0

