

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013457.D
 Acq On : 07 Oct 2019 12:34
 Operator : SY/VA
 Sample : VW1007SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Manual Integrations
 APPROVED

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 10/8/2019 1:31:11 PM

Quant Time: Oct 07 17:13:24 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	277575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	178043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	115187	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
35) Dibromofluoromethane	7.88	113	113262	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
50) Toluene-d8	10.32	98	469744	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.62	95	163765	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20855	19.425	ug/l	97
3) Chloromethane	2.21	50	39862	22.500	ug/l	100
4) Vinyl Chloride	2.35	62	53787	21.392	ug/l	96
5) Bromomethane	2.74	94	31109	20.138	ug/l	99
6) Chloroethane	2.90	64	27789	19.140	ug/l	94
7) Trichlorofluoromethane	3.25	101	22347	20.486	ug/l	100
8) Diethyl Ether	3.67	74	27569	21.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	50616	20.929	ug/l	98
10) Methyl Iodide	4.27	142	79289	20.301	ug/l	98
11) Tert butyl alcohol	5.16	59	36713	212.376	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	52925	20.713	ug/l	92
13) Acrolein	3.89	56	23763	119.179	ug/l	97
14) Allyl chloride	4.66	41	78923	20.879	ug/l	98
15) Acrylonitrile	5.35	53	76665	134.322	ug/l	98
16) Acetone	4.11	43	70641	111.196	ug/l	97
17) Carbon Disulfide	4.38	76	148367	20.814	ug/l	100
18) Methyl Acetate	4.67	43	38402	25.827	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	87736	23.329	ug/l	94
20) Methylene Chloride	4.92	84	58235	20.917	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54662	20.088	ug/l	97
22) Diisopropyl ether	6.30	45	156077	21.381	ug/l	95
23) Vinyl Acetate	6.25	43	523841	119.592	ug/l	98
24) 1,1-Dichloroethane	6.21	63	91064	20.481	ug/l	99
25) 2-Butanone	7.17	43	106402	130.893	ug/l	99
26) 2,2-Dichloropropane	7.16	77	60692	22.686	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59385	20.849	ug/l	99
28) Bromochloromethane	7.51	49	31728	19.736	ug/l	96
29) Tetrahydrofuran	7.52	42	66495	144.878	ug/l	99
30) Chloroform	7.67	83	89923	20.626	ug/l	97
31) Cyclohexane	7.95	56	97521	20.567	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	72429	21.205	ug/l	99
36) 1,1-Dichloropropene	8.08	75	76823	20.908	ug/l	99
37) Ethyl Acetate	7.25	43	43847	27.107	ug/l #	97
38) Carbon Tetrachloride	8.07	117	67976	21.357	ug/l	97

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 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)
39) Methylcyclohexane	9.34	83	99746	20.613	ug/l	98
40) Benzene	8.32	78	217519	20.913	ug/l	98
41) Methacrylonitrile	7.48	41	22894	23.415	ug/l	93
42) 1,2-Dichloroethane	8.40	62	58900	22.033	ug/l	99
43) Isopropyl Acetate	8.42	43	77785	25.486	ug/l	98
44) Trichloroethene	9.09	130	61003	20.827	ug/l	98
45) 1,2-Dichloropropane	9.37	63	53231	21.315	ug/l	99
46) Dibromomethane	9.45	93	27546	22.145	ug/l	96
47) Bromodichloromethane	9.64	83	66427	21.693	ug/l	100
48) Methyl methacrylate	9.43	41	35101	23.935	ug/l	94
49) 1,4-Dioxane	9.45	88	11965	615.729	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	213847	133.357	ug/l	97
52) Toluene	10.38	92	141490	21.090	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	73291	23.010	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	83959	21.741	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	42791	23.060	ug/l	97
56) Ethyl methacrylate	10.65	69	61354	24.565	ug/l	95
57) 1,3-Dichloropropane	10.93	76	74089	22.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	139338	135.809	ug/l	97
59) 2-Hexanone	10.97	43	151852	136.622	ug/l	99
60) Dibromochloromethane	11.13	129	48001	22.611	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41277	23.020	ug/l	97
64) Tetrachloroethene	10.86	164	53906	20.573	ug/l	99
65) Chlorobenzene	11.66	112	148214	21.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51259	21.330	ug/l	99
67) Ethyl Benzene	11.73	91	268869	21.261	ug/l	100
68) m/p-Xylenes	11.83	106	205199	42.039	ug/l	100
69) o-Xylene	12.16	106	95921	21.254	ug/l	97
70) Styrene	12.18	104	164640	21.341	ug/l	99
71) Bromoform	12.35	173	32196	24.710	ug/l #	98
73) Isopropylbenzene	12.46	105	264669	20.323	ug/l	99
74) N-amyl acetate	12.27	43	70895	25.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	52897	23.997	ug/l	98
76) 1,2,3-Trichloropropane	12.76	75	49085m	31.019	ug/l	
77) Bromobenzene	12.74	156	63607	20.340	ug/l	98
78) n-propylbenzene	12.80	91	309694	20.673	ug/l	99
79) 2-Chlorotoluene	12.89	91	171571	20.620	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	223360	20.646	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	18555	27.041	ug/l	94
82) 4-Chlorotoluene	12.99	91	180733	20.735	ug/l	98
83) tert-Butylbenzene	13.20	119	198541	21.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	221455	20.591	ug/l	99
85) sec-Butylbenzene	13.38	105	272468	20.913	ug/l	99
86) p-Isopropyltoluene	13.50	119	255004	21.120	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	124666	21.190	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120583	20.470	ug/l	98
89) n-Butylbenzene	13.82	91	230378	21.164	ug/l	100
90) Hexachloroethane	14.09	117	43482	21.798	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	110640	21.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9094	27.582	ug/l	95

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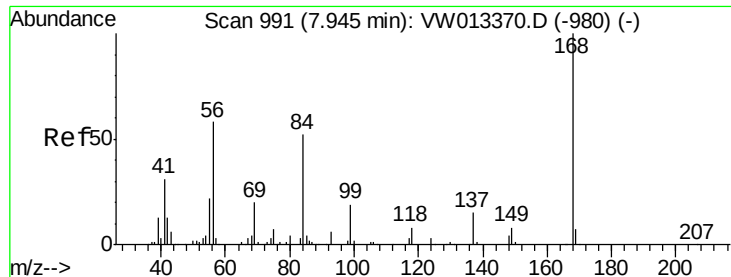
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	78084	20.920	ug/l	97
94) Hexachlorobutadiene	15.24	225	49976	20.612	ug/l	97
95) Naphthalene	15.36	128	152805	24.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	70856	21.743	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

Tot Ion:168 Resp: 277575

Ion Ratio Lower Upper

168 100

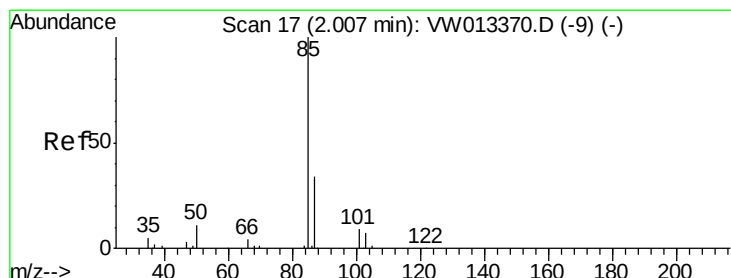
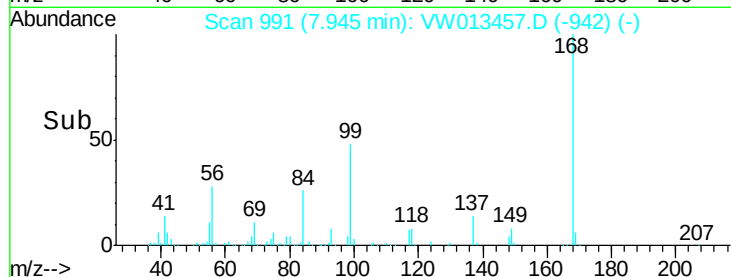
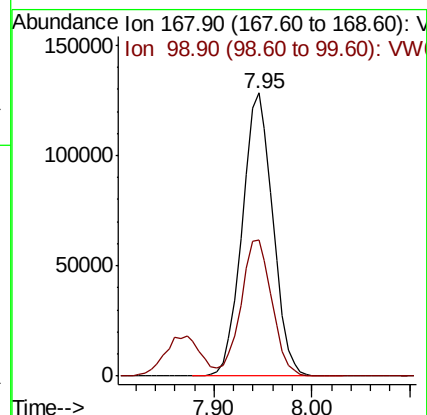
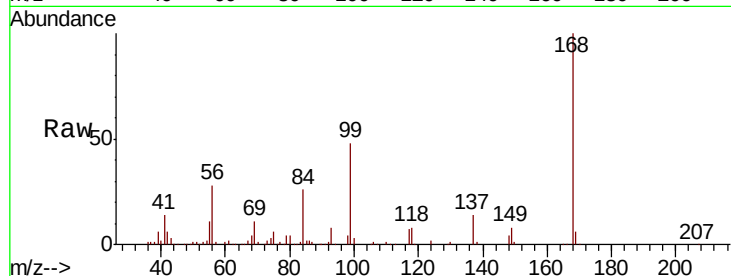
99 48.0 40.2 60.4

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#2

Dichlorodifluoromethane

Concen: 19.425 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013457.D

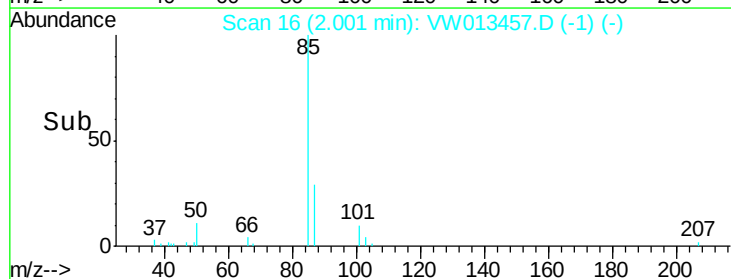
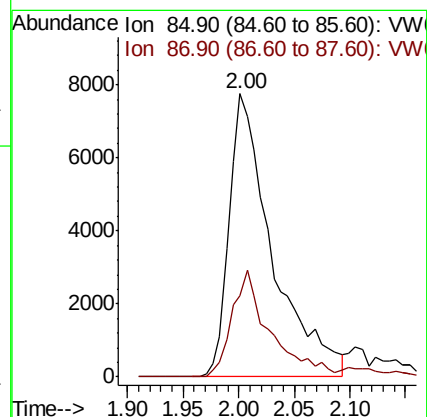
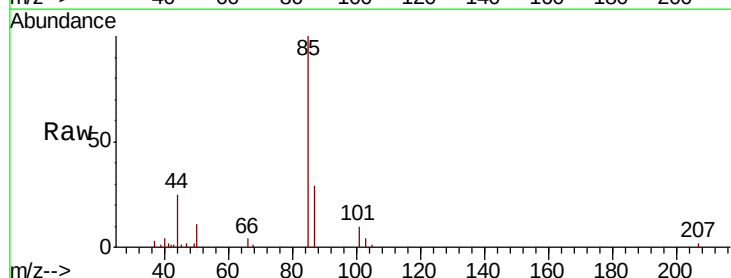
Acq: 07 Oct 2019 12:34

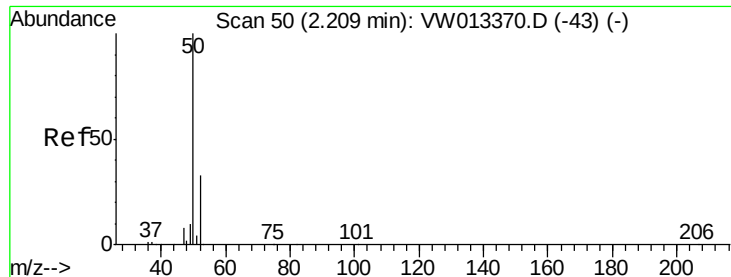
Tgt Ion: 85 Resp: 20855

Ion Ratio Lower Upper

85 100

87 28.5 15.1 45.3





#3

Chloromethane

Concen: 22.500 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 50 Resp: 39862

Ion Ratio Lower Upper

50 100

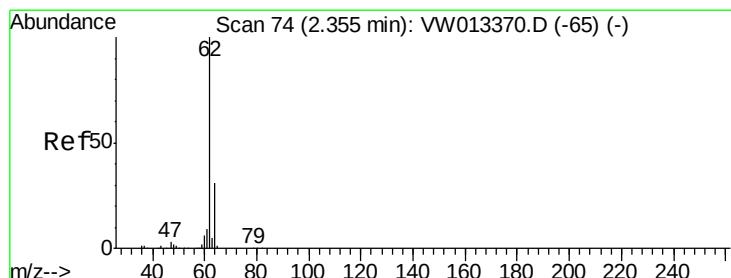
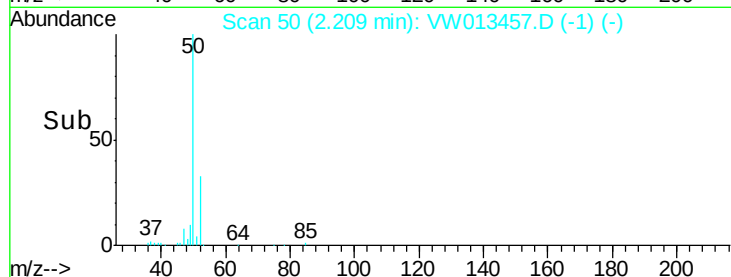
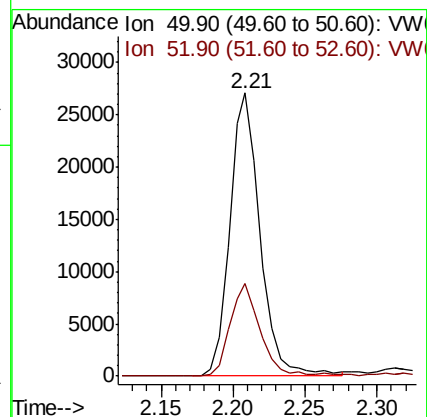
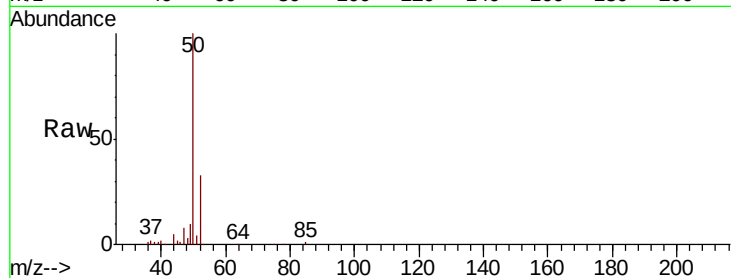
52 32.8 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.392 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW013457.D

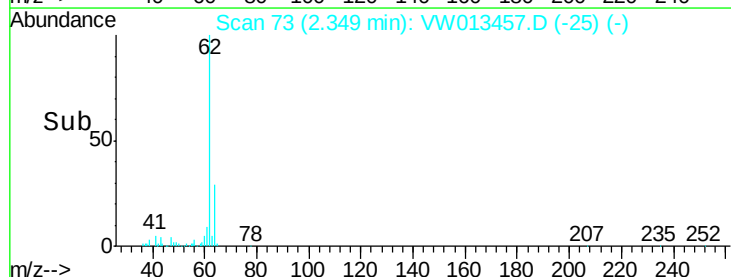
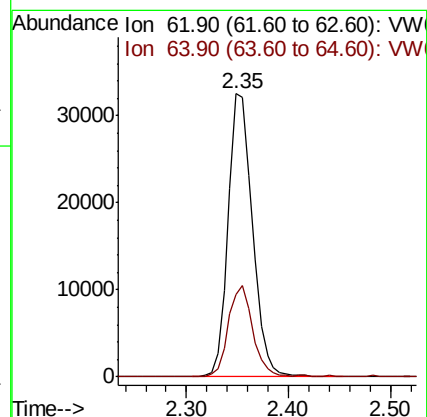
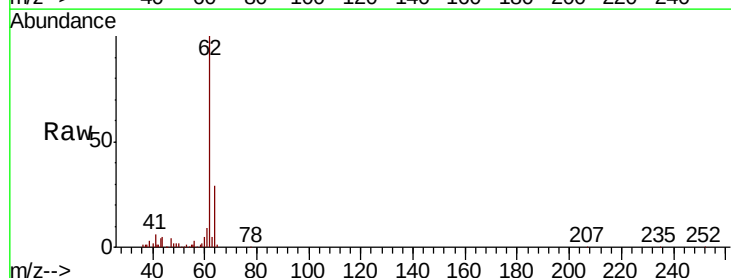
Acq: 07 Oct 2019 12:34

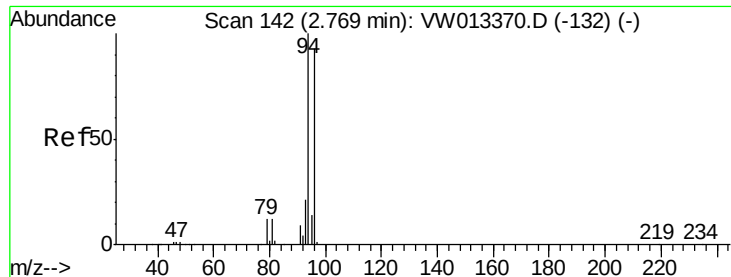
Tgt Ion: 62 Resp: 53787

Ion Ratio Lower Upper

62 100

64 29.1 25.3 37.9





#5

Bromomethane

Concen: 20.138 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.03 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

Tot Ion: 94 Resp: 31109

Ion Ratio Lower Upper

94 100

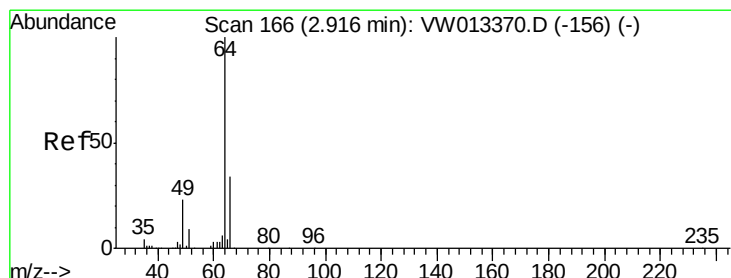
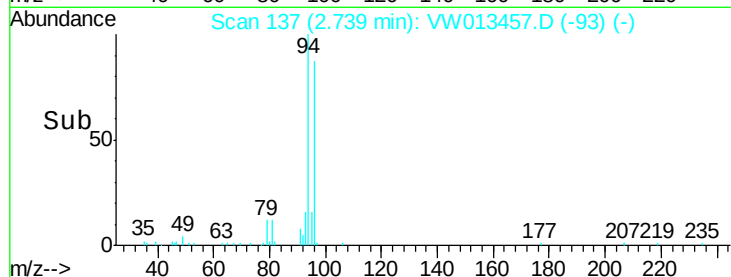
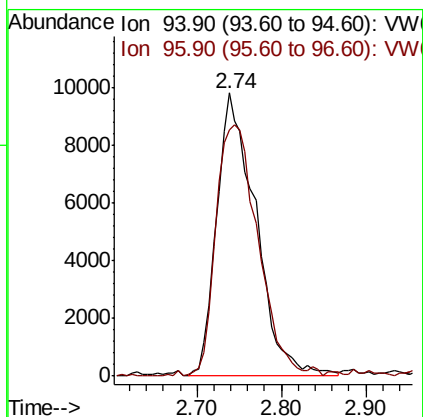
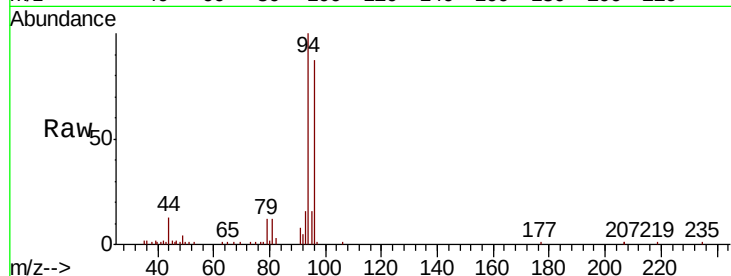
96 86.1 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 19.140 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013457.D

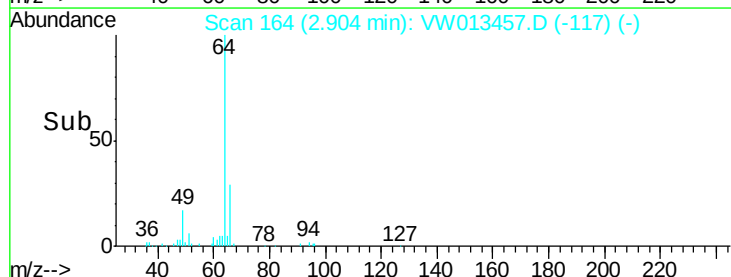
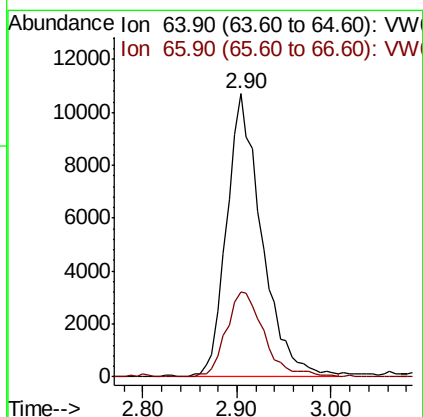
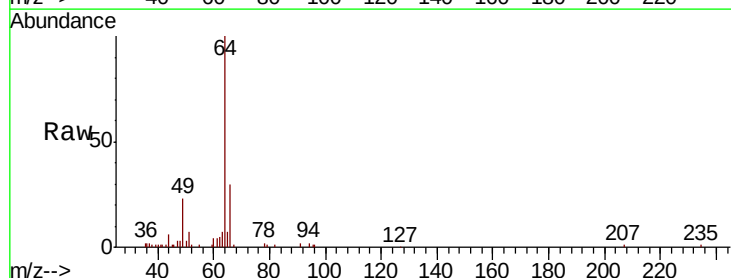
Acq: 07 Oct 2019 12:34

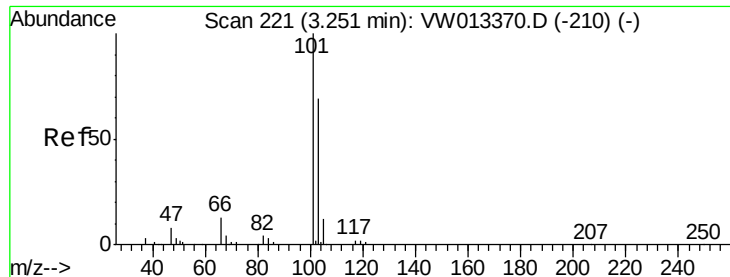
Tgt Ion: 64 Resp: 27789

Ion Ratio Lower Upper

64 100

66 30.0 26.6 39.8





#7

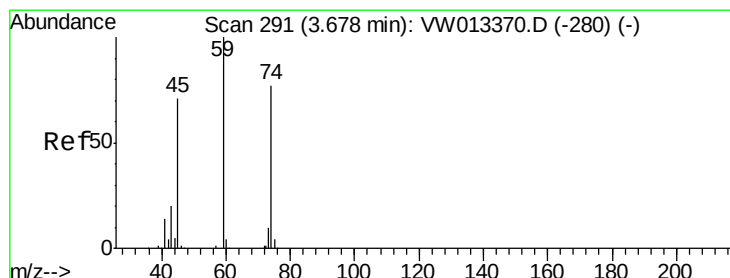
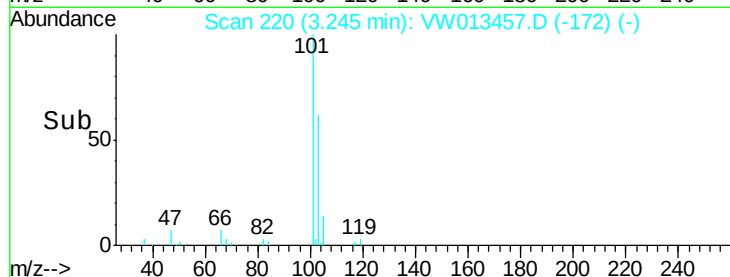
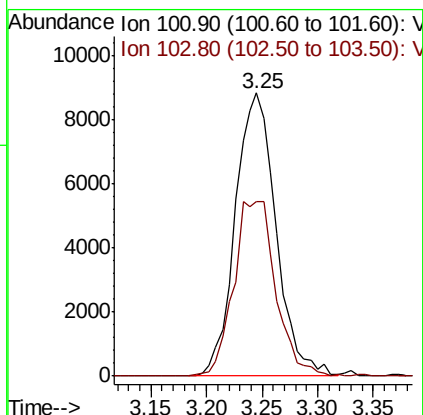
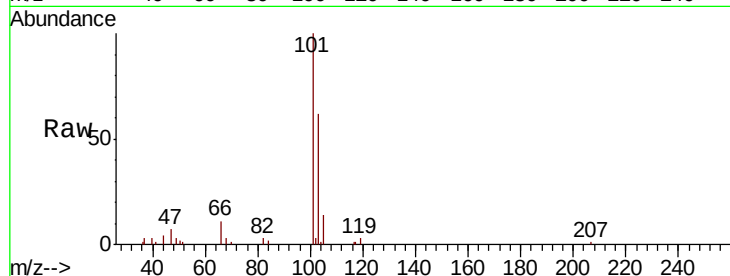
Trichlorofluoromethane
 Concen: 20.486 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
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 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	49.7	74.5

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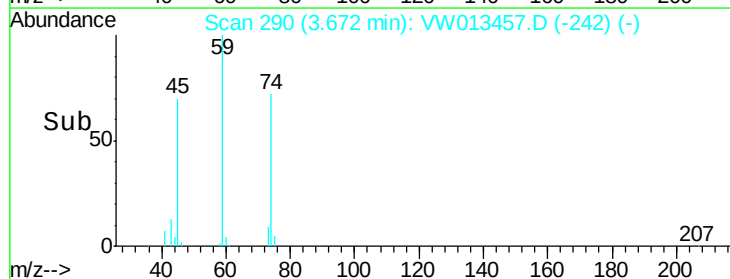
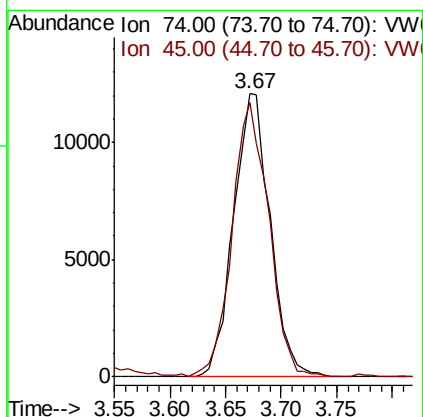
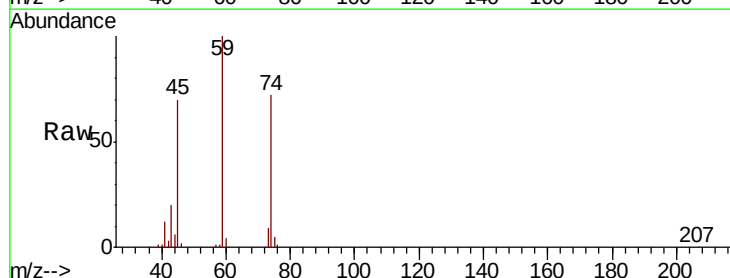
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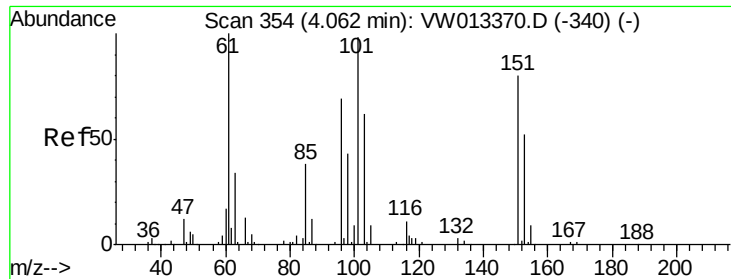


#8

Diethyl Ether
 Concen: 21.836 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.929 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

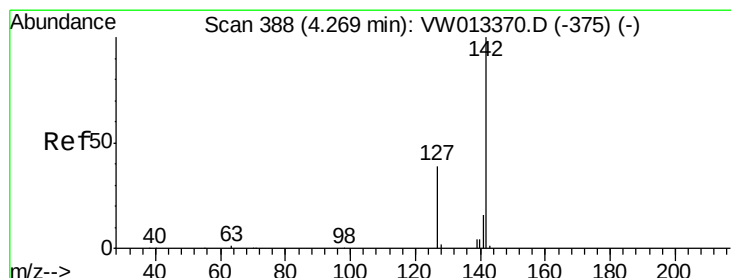
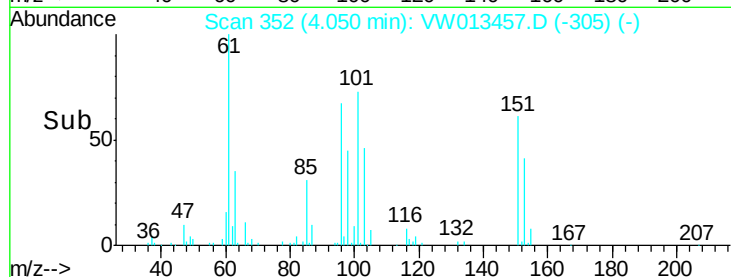
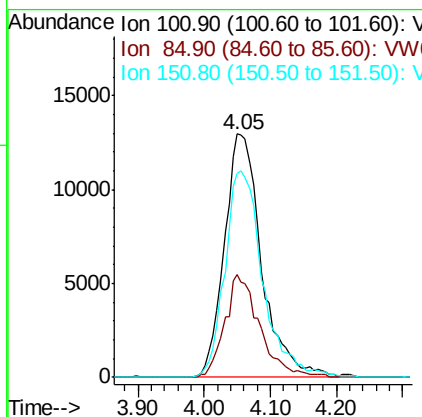
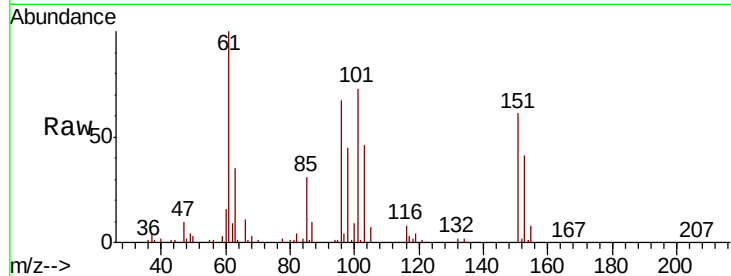
ClientSampleId :

VW1007SBSD01

Tot Ion:	101	Resp:	50616
Ion	Ratio	Lower	Upper
101	100		
85	39.6	33.4	50.0
151	85.1	66.9	100.3

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#10

Methyl Iodide

Concen: 20.301 ug/l

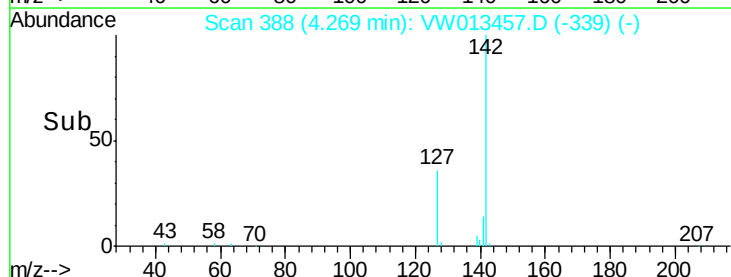
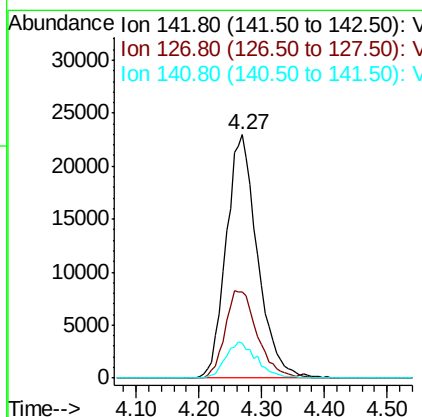
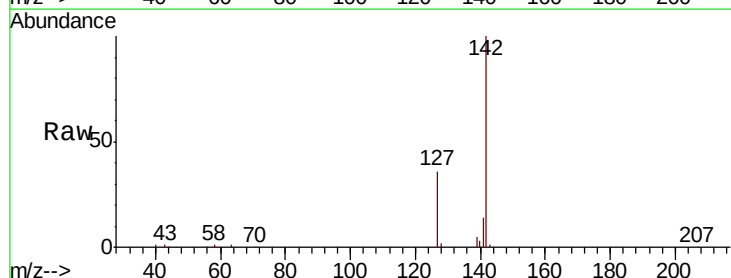
RT: 4.27 min Scan# 388

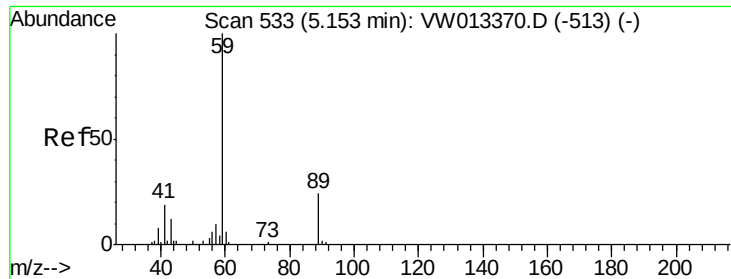
Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion:	142	Resp:	79289
Ion	Ratio	Lower	Upper
142	100		
127	37.1	30.9	46.3
141	14.9	11.7	17.5





#11

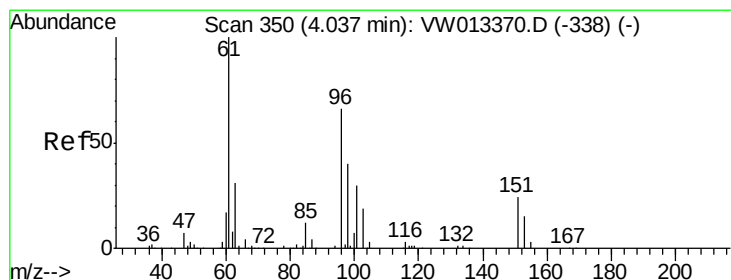
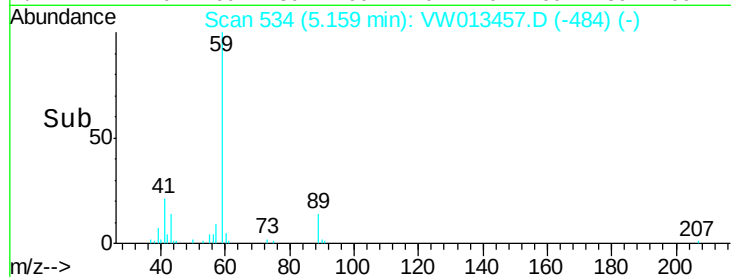
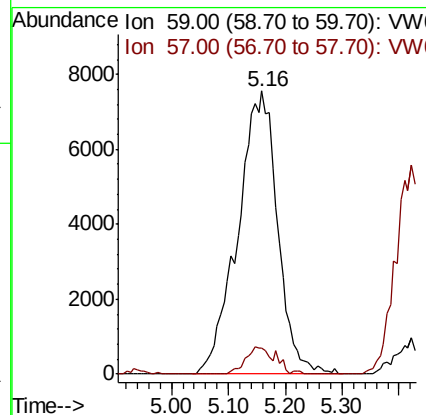
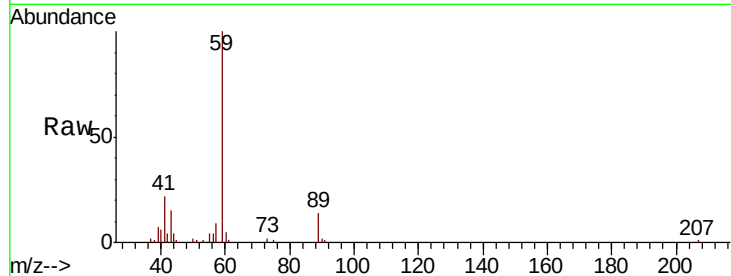
Tert butyl alcohol
Concen: 212.376 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.2	12.2#

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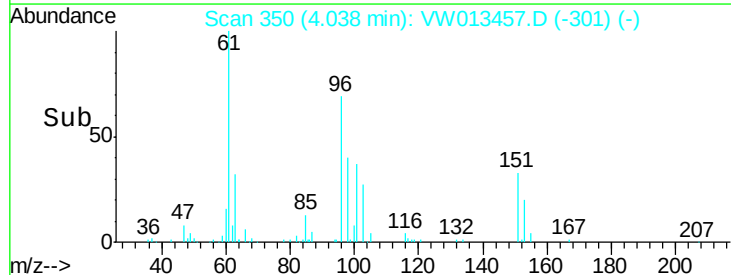
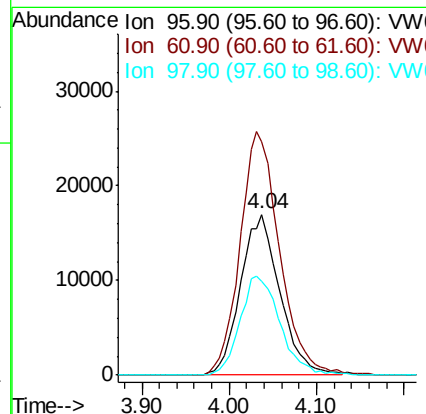
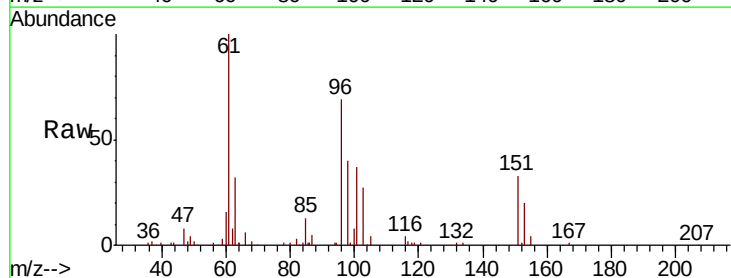
MMDadoda
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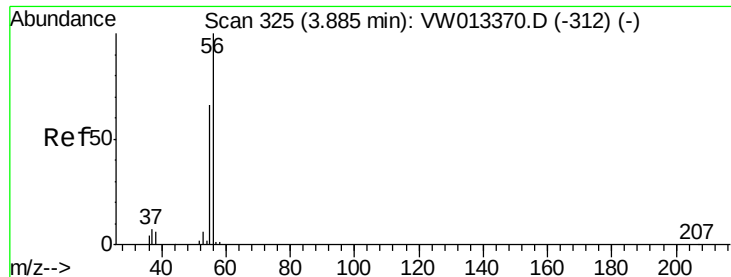


#12

1,1-Dichloroethene
Concen: 20.713 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.5	125.1	187.7
98	58.5	50.8	76.2





#13

Acrolein

Concen: 119.179 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

Tot Ion: 56 Resp: 23763

Ion Ratio Lower Upper

56 100

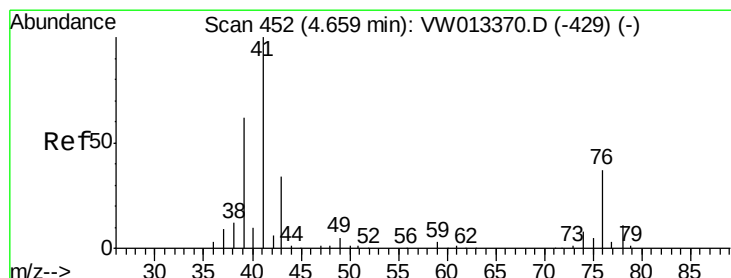
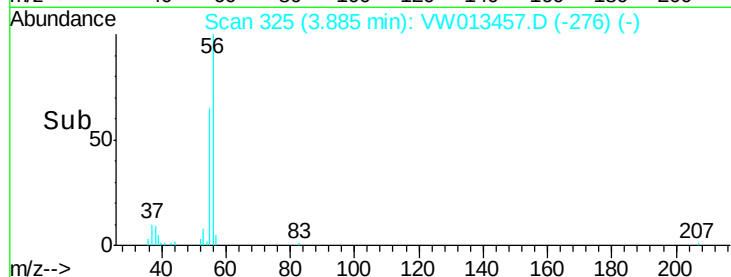
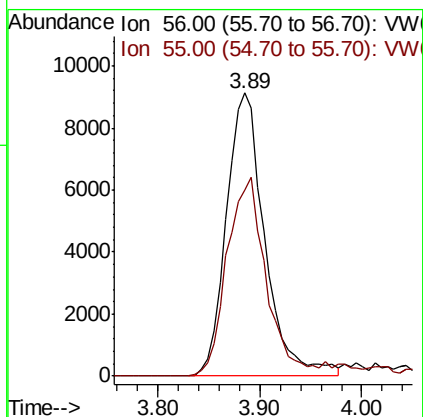
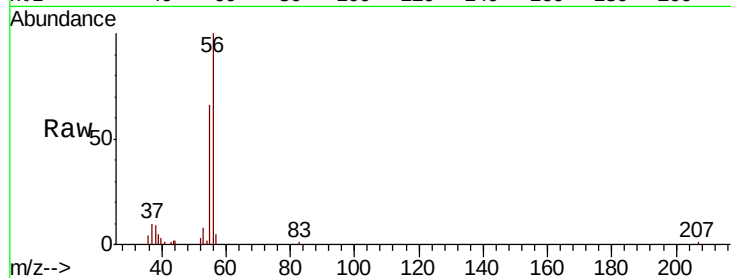
55 71.8 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.879 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

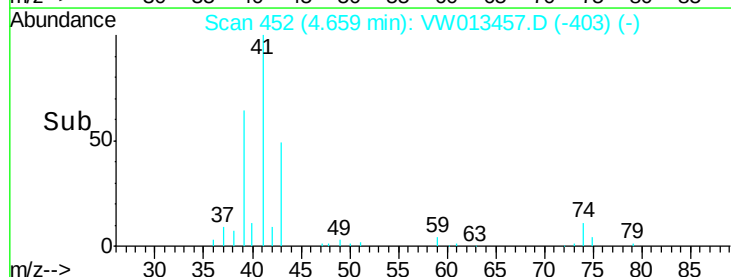
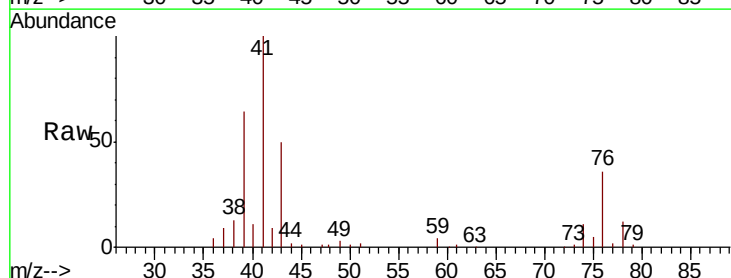
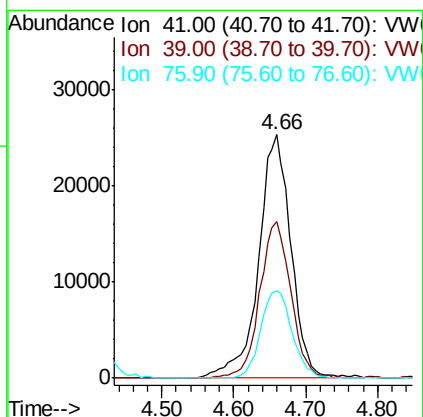
Tgt Ion: 41 Resp: 78923

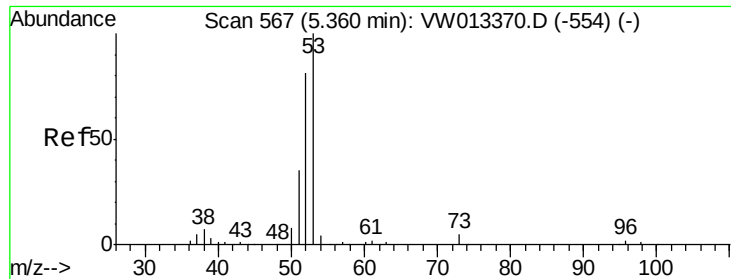
Ion Ratio Lower Upper

41 100

39 61.9 51.0 76.4

76 34.7 28.4 42.6





#15

Acrylonitrile

Concen: 134.322 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

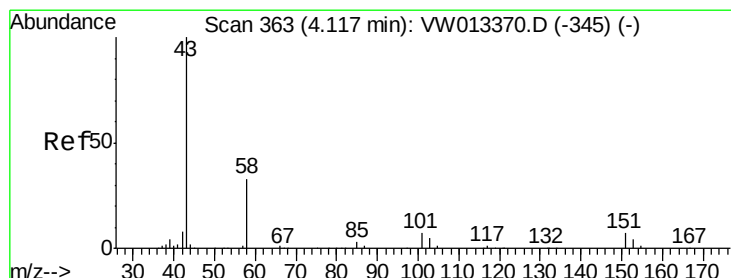
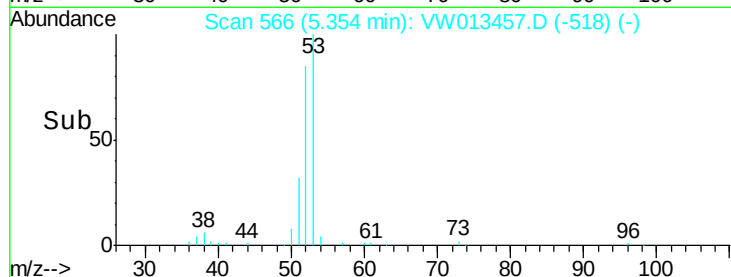
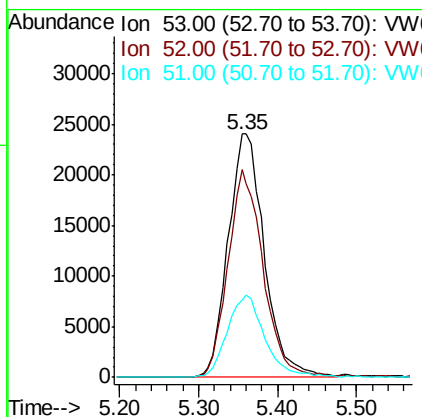
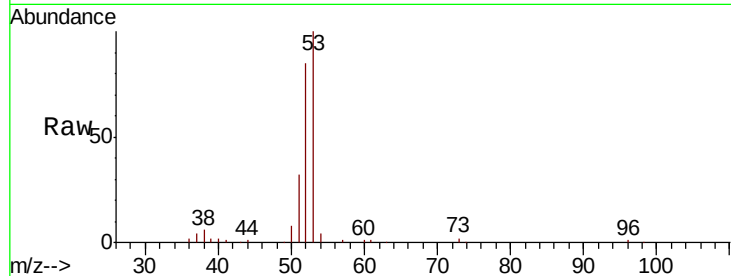
ClientSampleId :

VW1007SBS01

Tot Ion:	53	Resp:	76665
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.3	97.9
51	35.1	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 111.196 ug/l

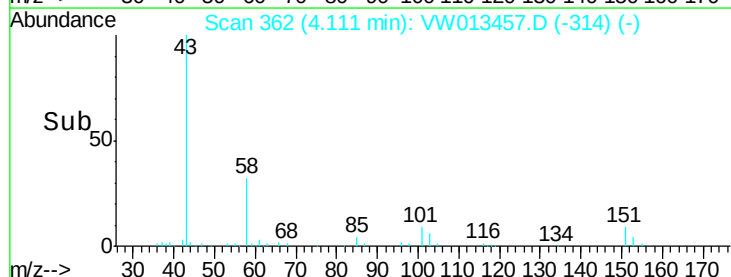
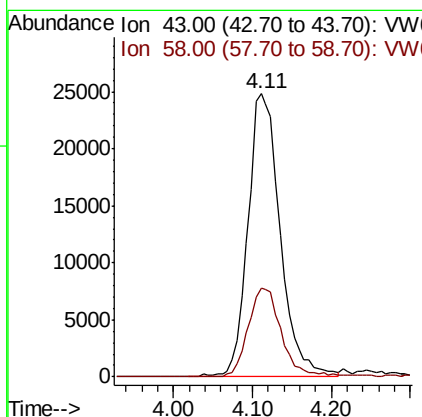
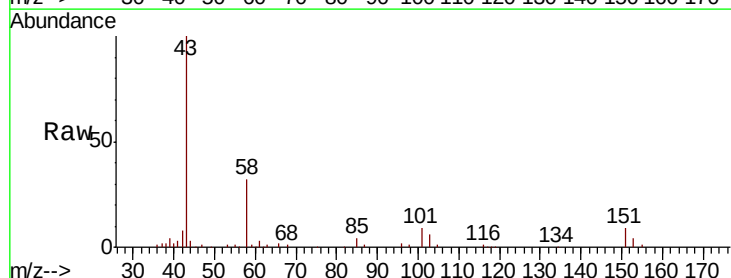
RT: 4.11 min Scan# 362

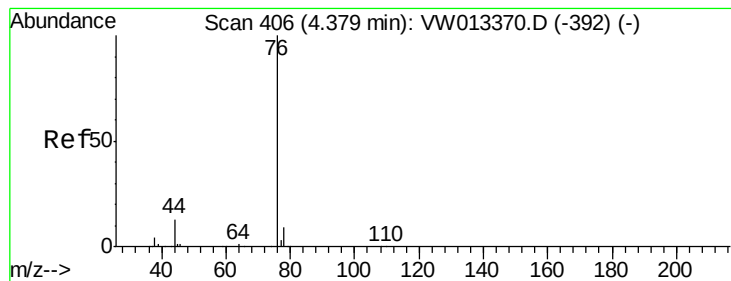
Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion:	43	Resp:	70641
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.1	36.1





#17

Carbon Disulfide

Concen: 20.814 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

Tot Ion: 76 Resp: 148367

Ion Ratio Lower Upper

76 100

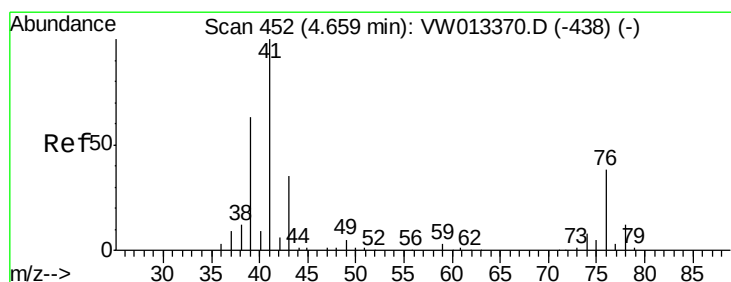
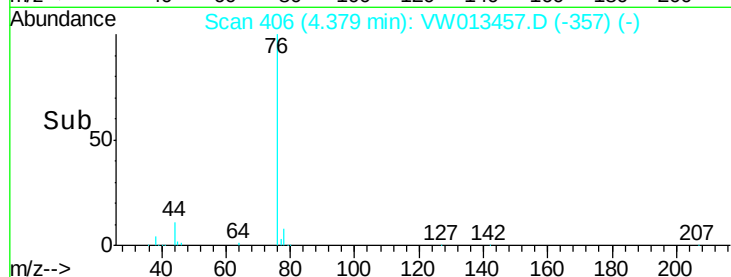
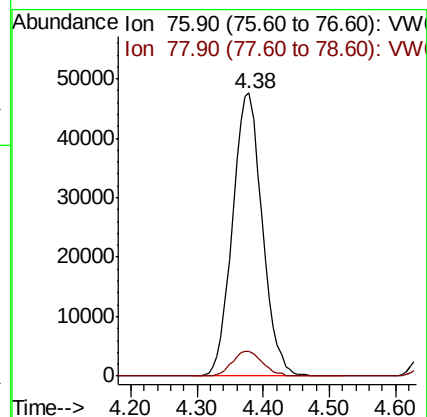
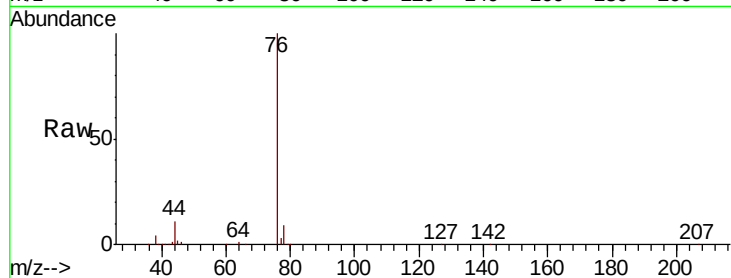
78 8.6 7.0 10.4

Manual Integrations

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#18

Methyl Acetate

Concen: 25.827 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013457.D

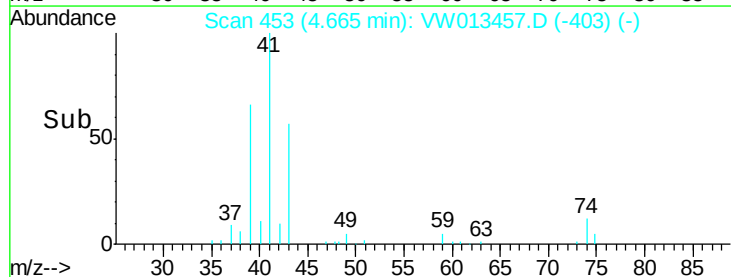
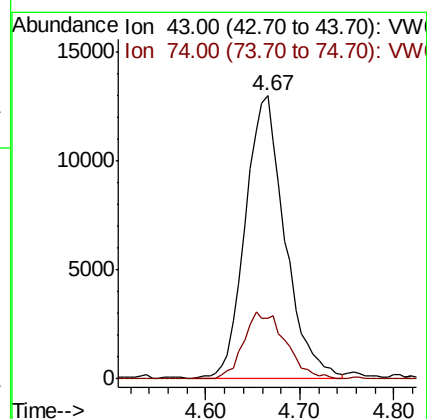
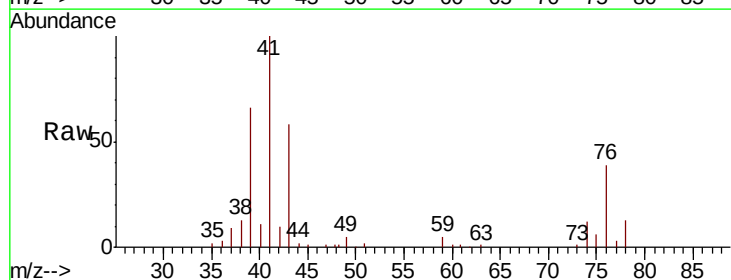
Acq: 07 Oct 2019 12:34

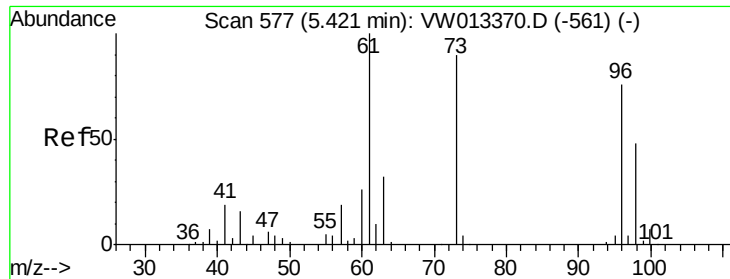
Tgt Ion: 43 Resp: 38402

Ion Ratio Lower Upper

43 100

74 25.0 19.3 28.9





#19

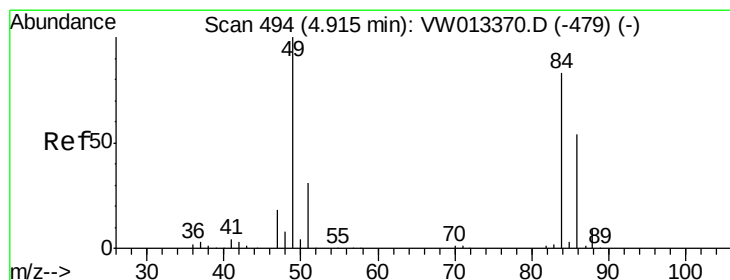
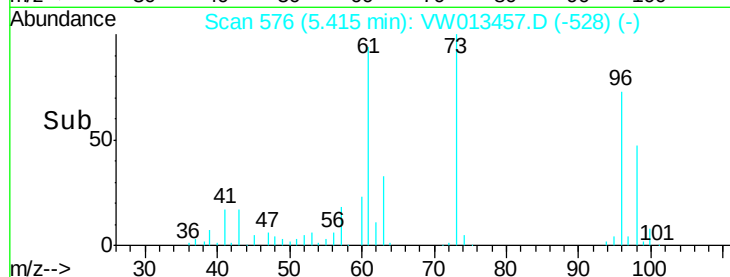
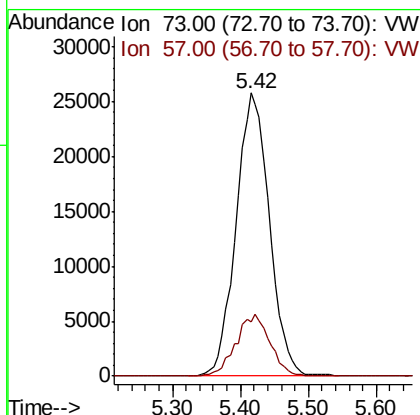
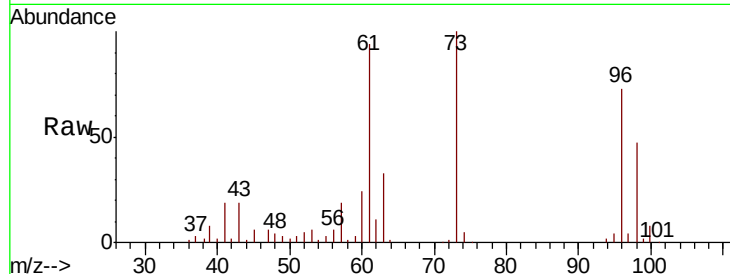
Methyl tert-butyl Ether
 Concen: 23.329 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.0	17.6	26.4

Manual Integrations
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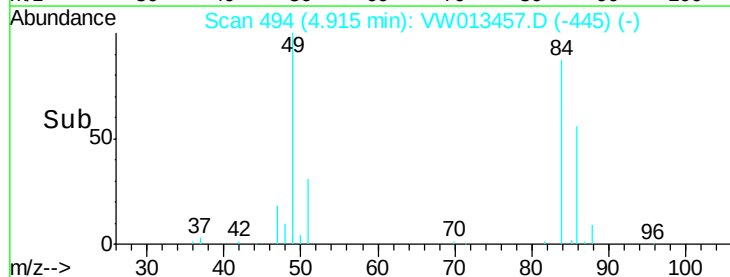
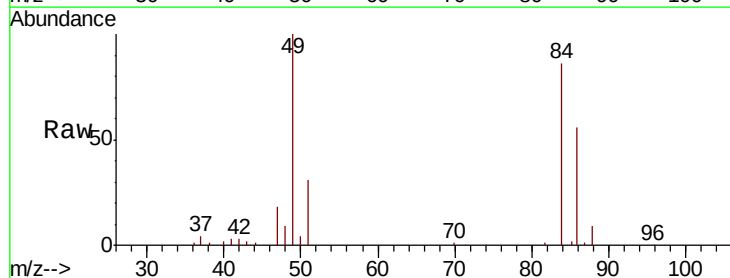
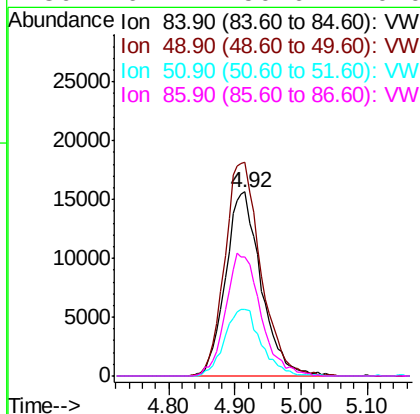
MMDadoda
 10/8/2019 1:31:11 PM

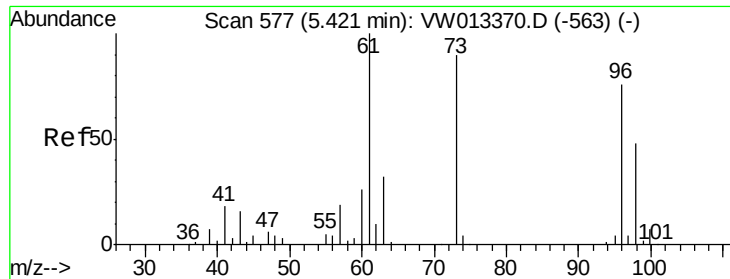


#20

Methylene Chloride
 Concen: 20.917 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	97.6	146.4
51	36.0	30.2	45.2
86	64.4	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 20.088 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

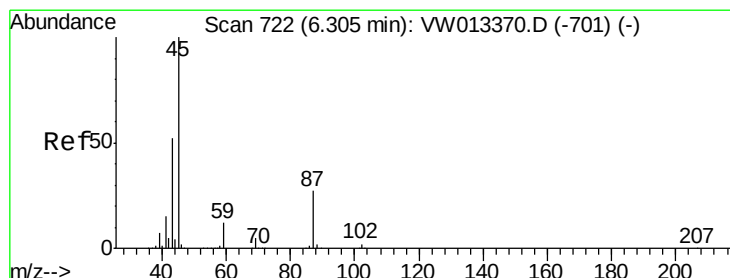
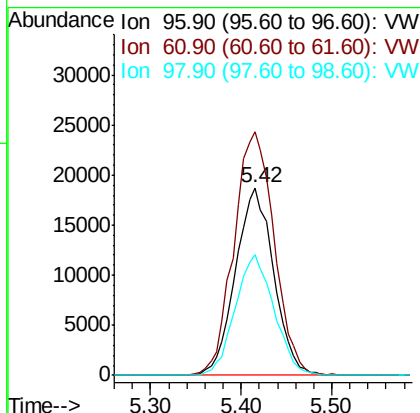
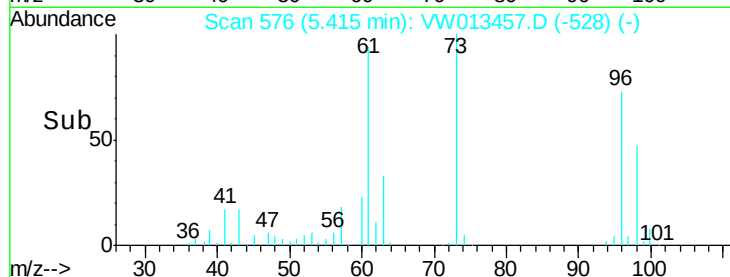
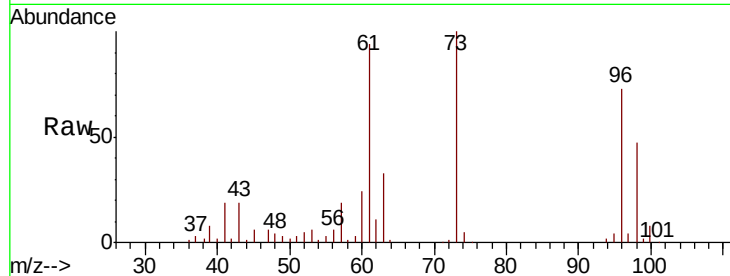
ClientSampleId :

VW1007SBS01

Tot Ion:	96	Resp:	54662
Ion	Ratio	Lower	Upper
96	100		
61	129.3	106.6	159.8
98	64.7	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.381 ug/l

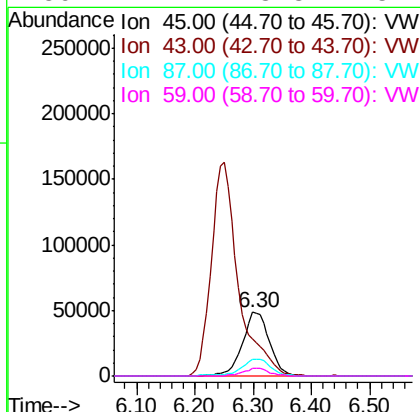
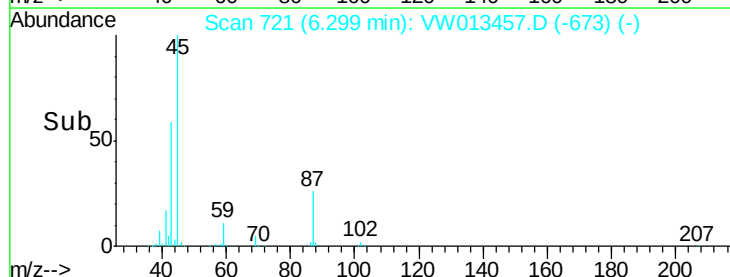
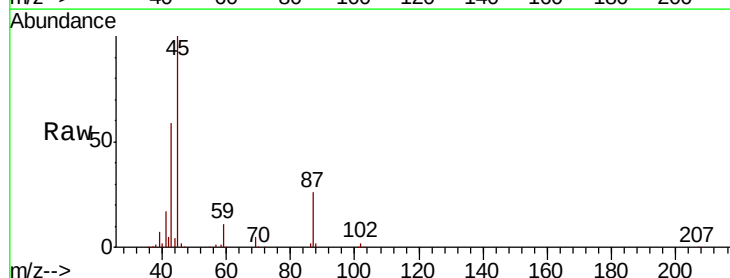
RT: 6.30 min Scan# 721

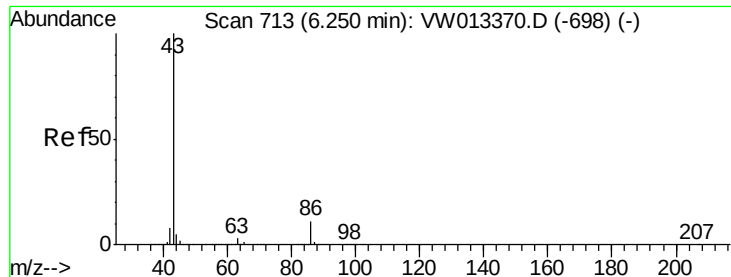
Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion:	45	Resp:	156077
Ion	Ratio	Lower	Upper
45	100		
43	58.3	42.4	63.6
87	25.7	20.4	30.6
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 119.592 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tot Ion: 43 Resp: 523841

Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5

Instrument :

MSVOA_W

ClientSampleId :

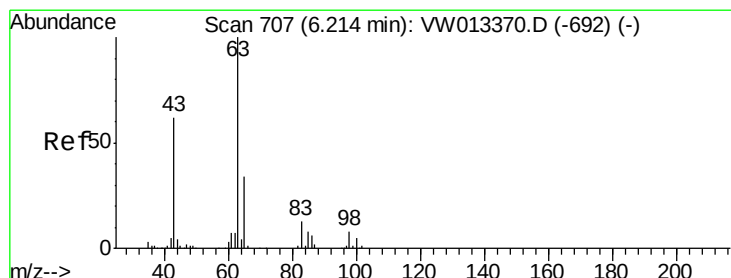
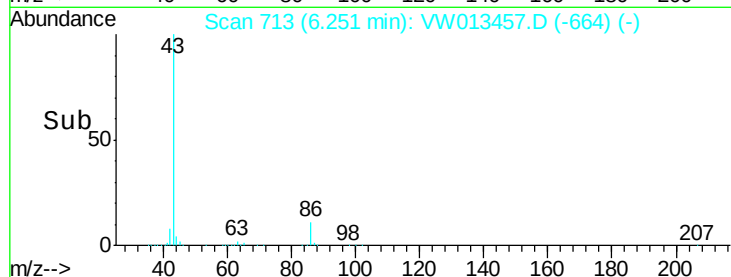
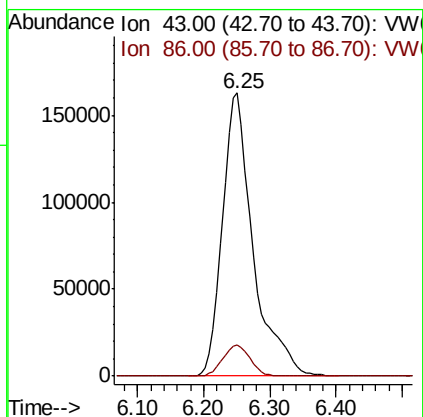
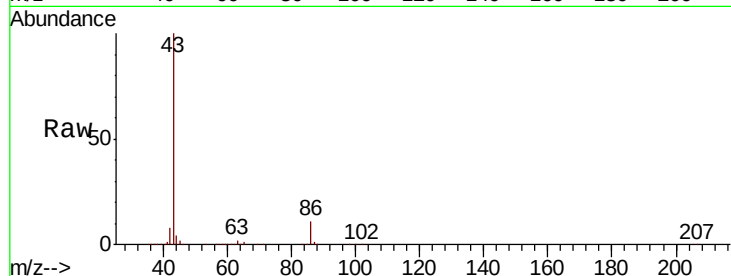
VW1007SBS01

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#24

1,1-Dichloroethane

Concen: 20.481 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

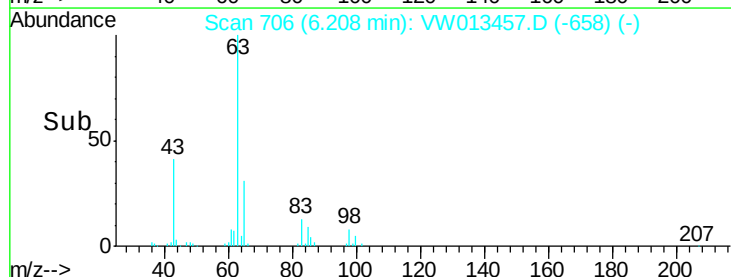
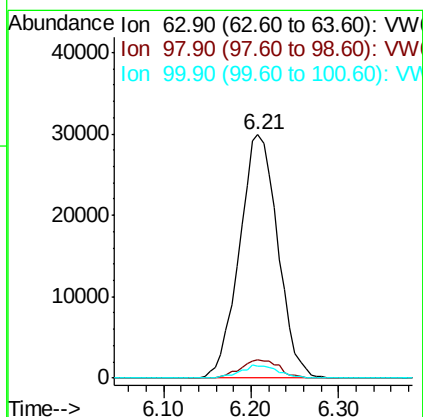
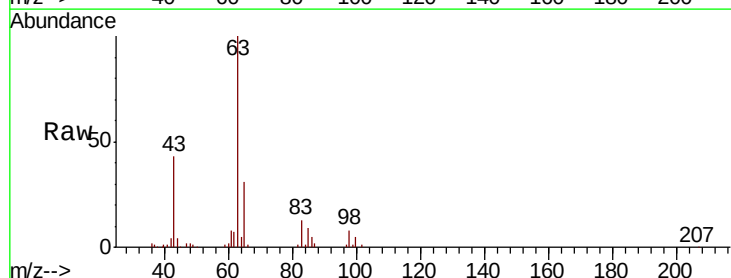
Tgt Ion: 63 Resp: 91064

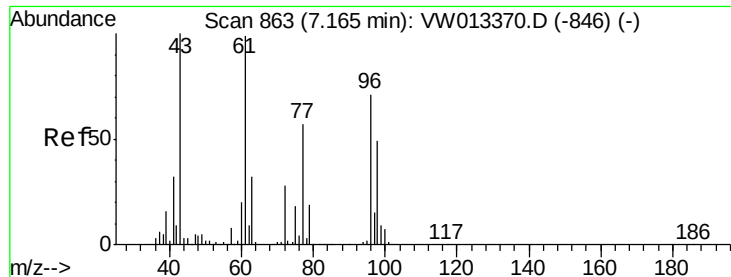
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 130.893 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 43 Resp: 106402

Ion Ratio Lower Upper

43 100

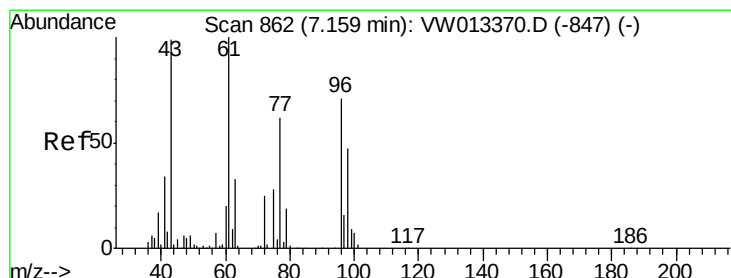
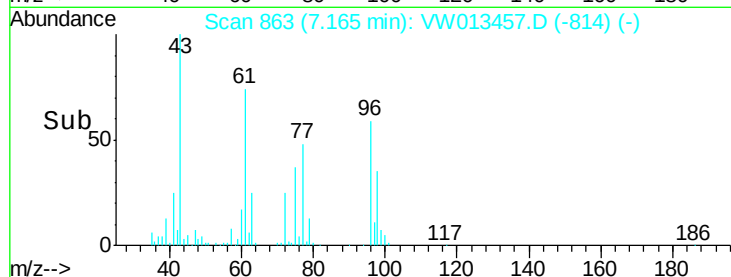
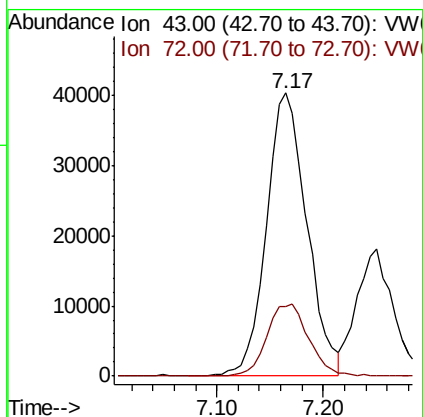
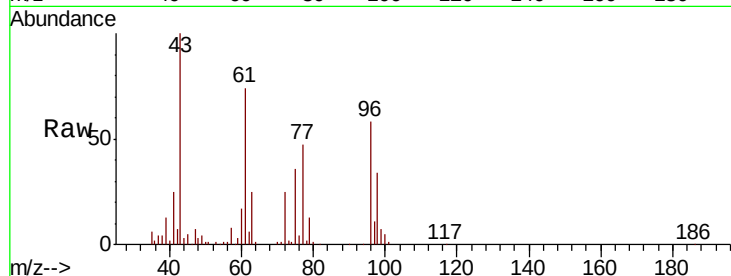
72 24.7 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.686 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013457.D

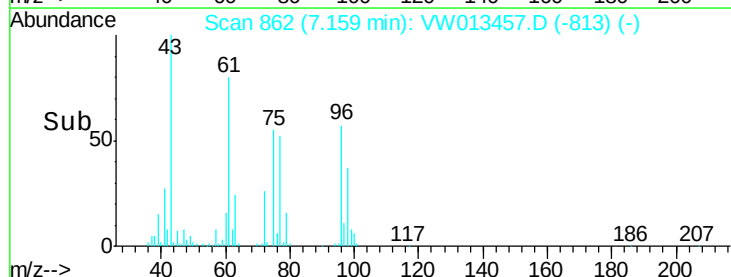
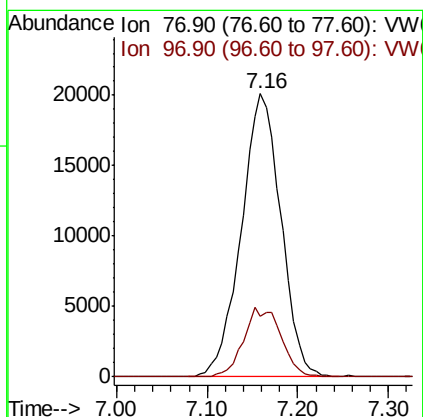
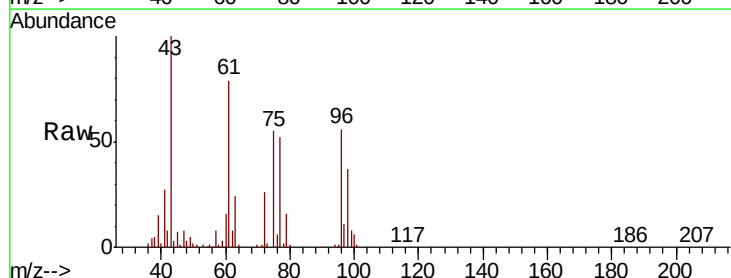
Acq: 07 Oct 2019 12:34

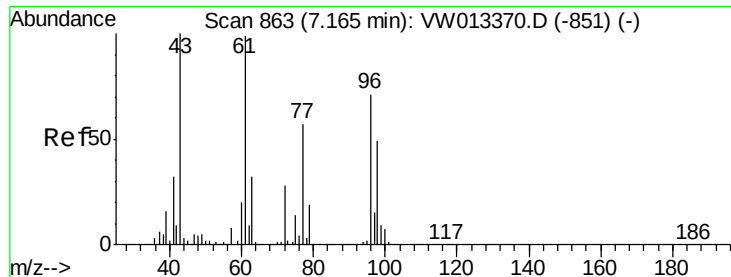
Tgt Ion: 77 Resp: 60692

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4





#27

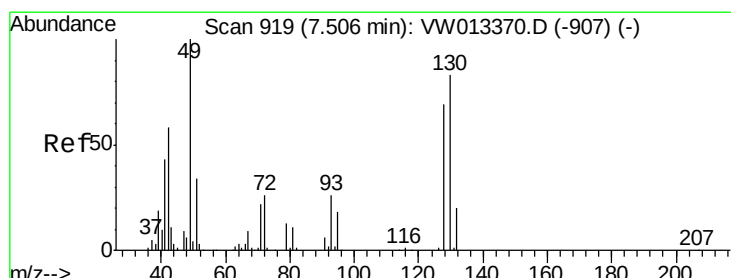
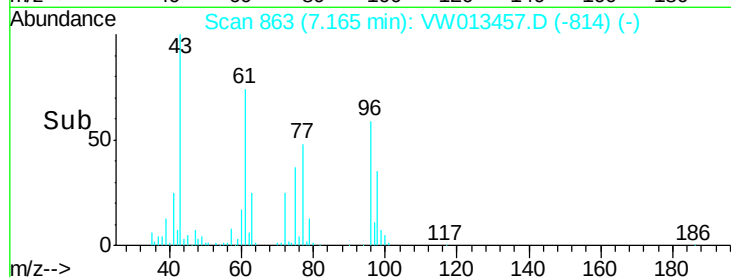
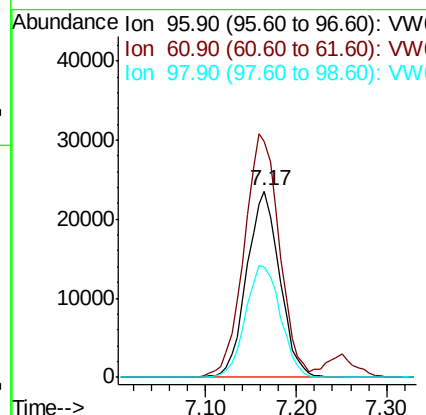
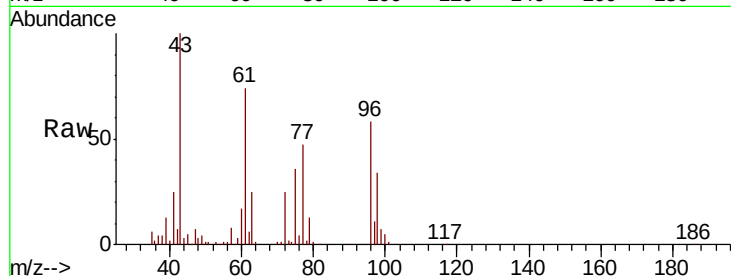
cis-1,2-Dichloroethene
Concen: 20.849 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	282.4
98	63.7	0.0	128.2

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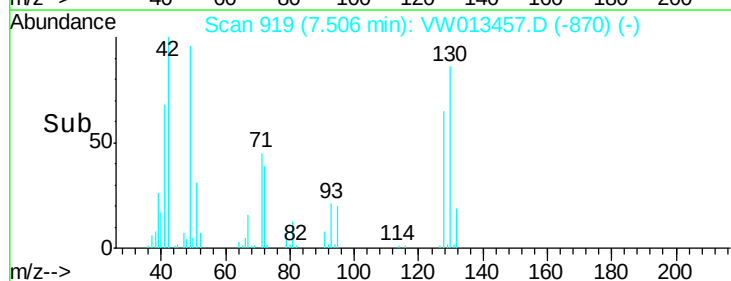
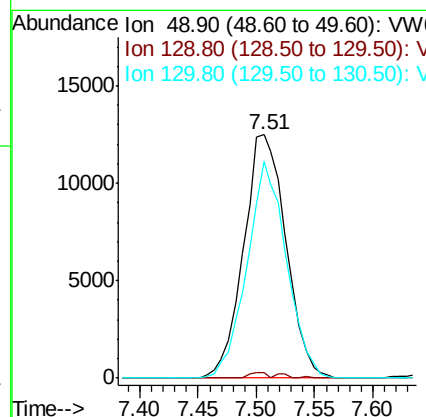
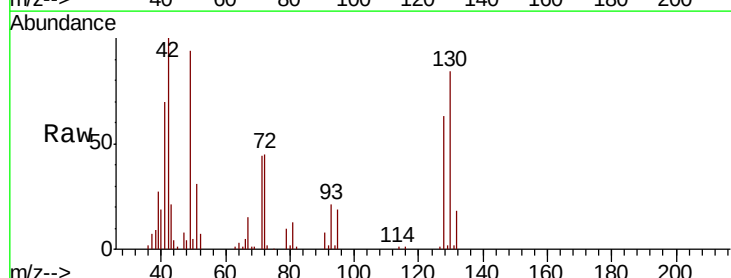
MMDadoda
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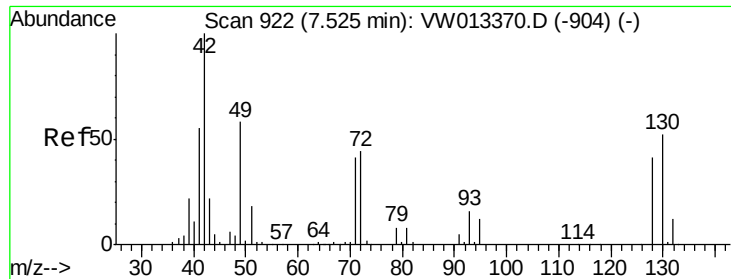


#28

Bromochloromethane
Concen: 19.736 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.0
130	82.9	63.4	95.2





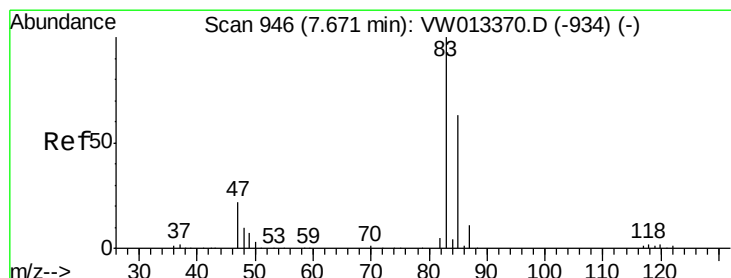
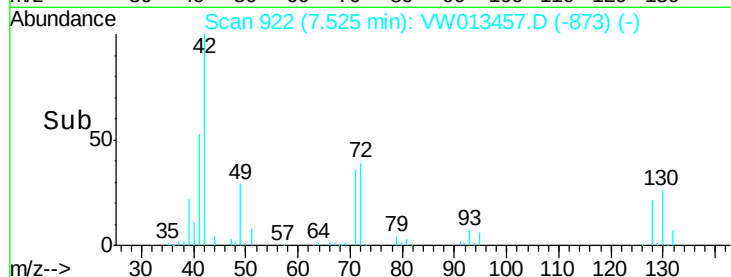
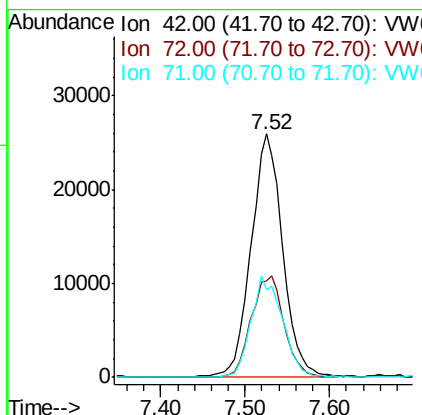
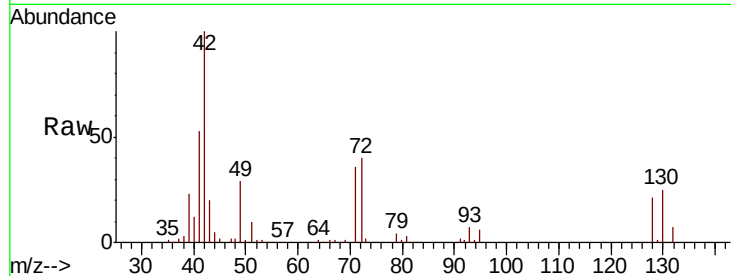
#29
Tetrahydrofuran
Concen: 144.878 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampled :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.9	50.9
71	40.9	31.9	47.9

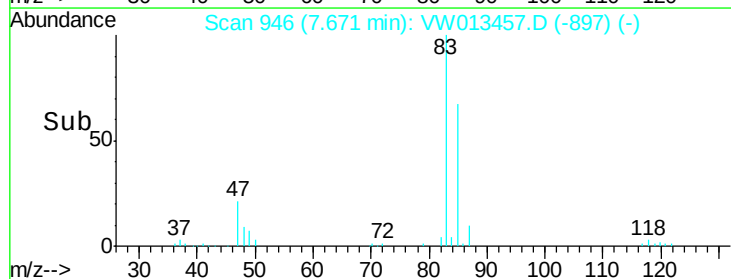
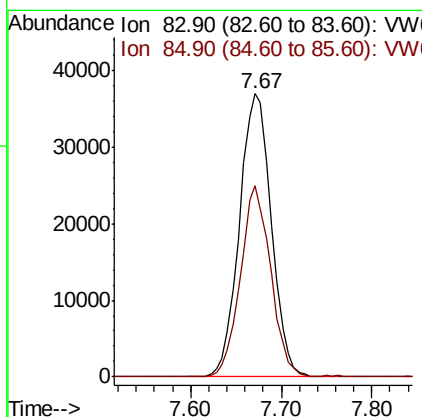
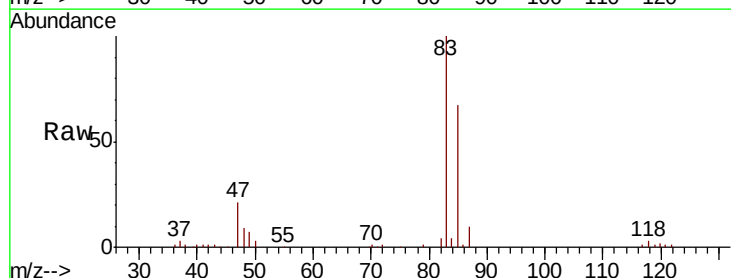
Manual Integrations
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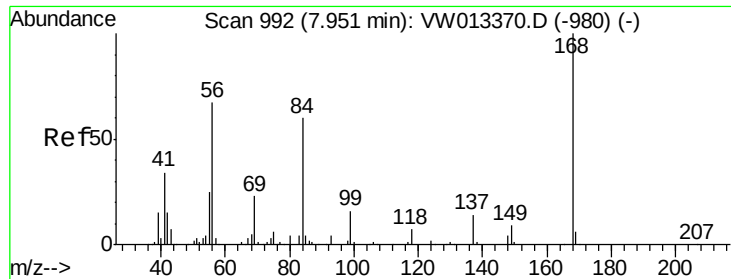
MMDadoda
10/8/2019 1:31:11 PM



#30
Chloroform
Concen: 20.626 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.3	78.5





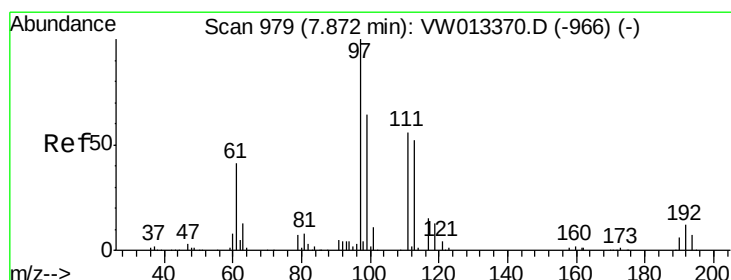
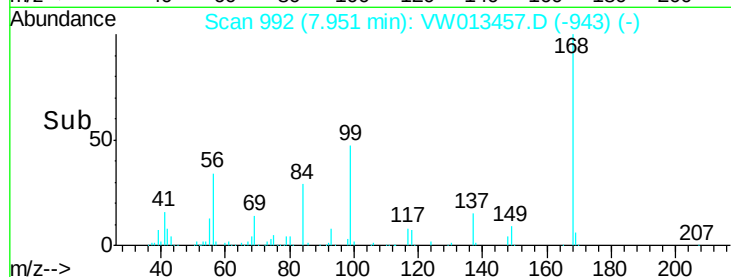
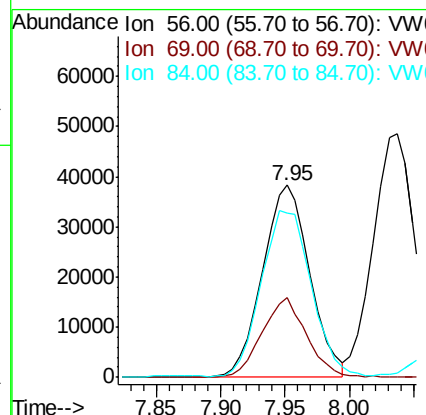
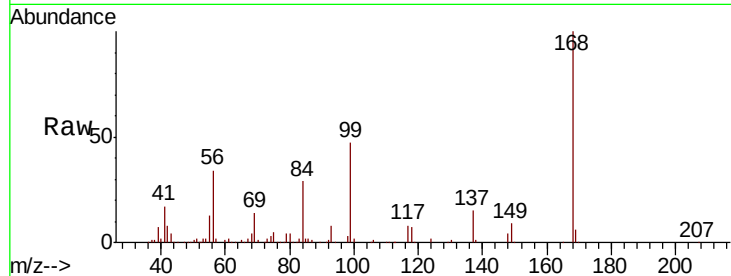
#31
Cyclohexane
Concen: 20.567 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion	56	Resp	97521
Ion	Ratio	Lower	Upper
56	100		
69	41.1	27.2	40.8#
84	84.5	70.8	106.2

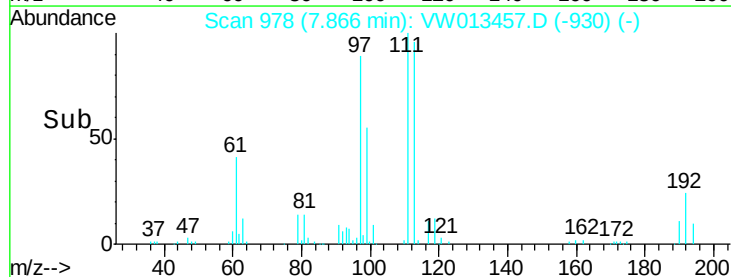
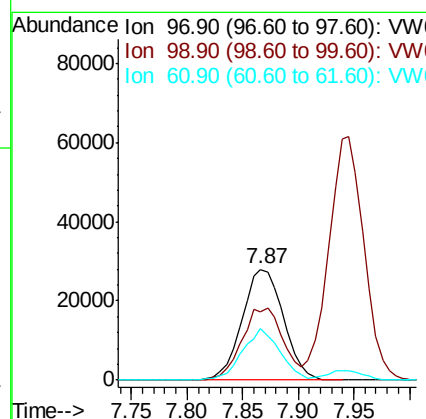
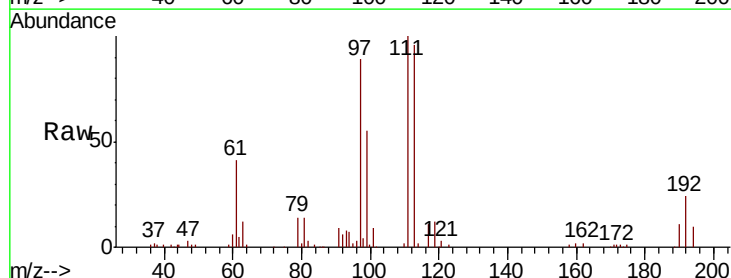
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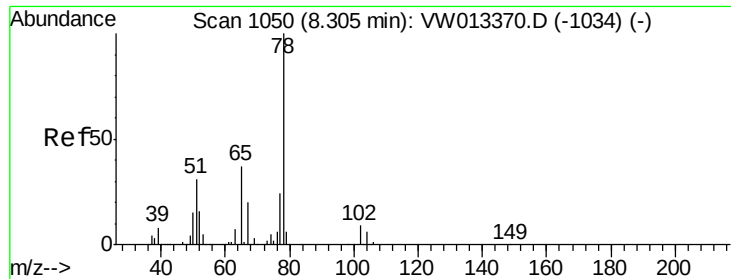
MMDadoda
10/8/2019 1:31:11 PM



#32
1,1,1-Trichloroethane
Concen: 21.205 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	97	Resp	72429
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	42.0	34.6	51.8





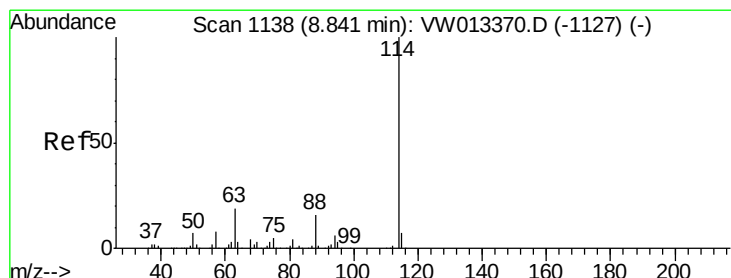
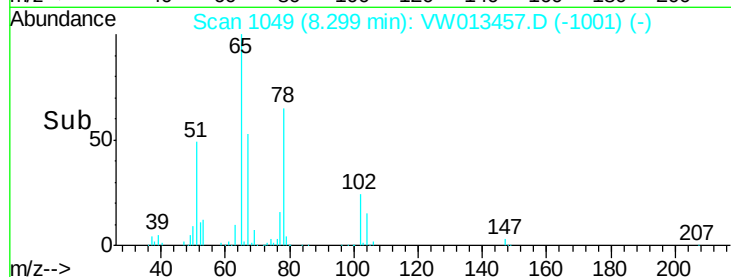
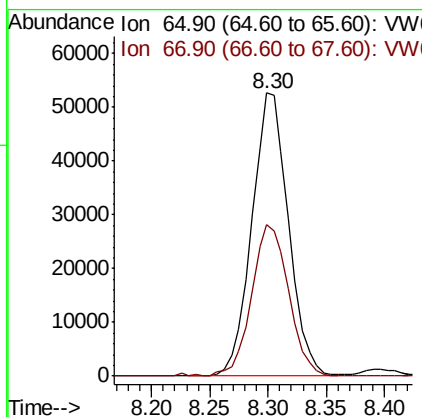
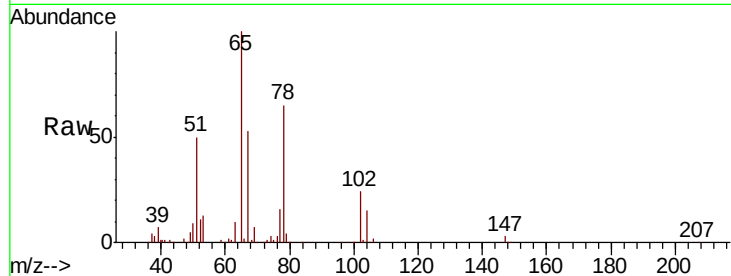
#33
 1,2-Dichloroethane-d4
 Concen: 55.577 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	115187		
67	54.3	0.0	106.2	

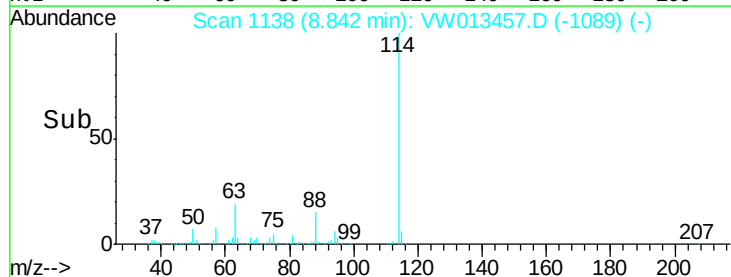
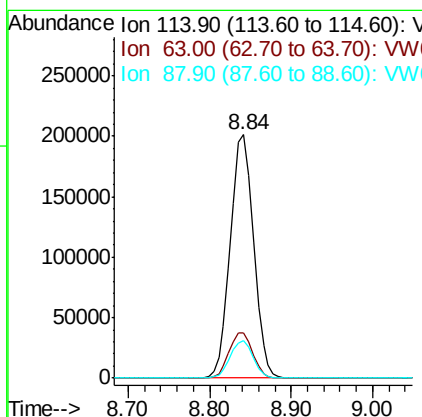
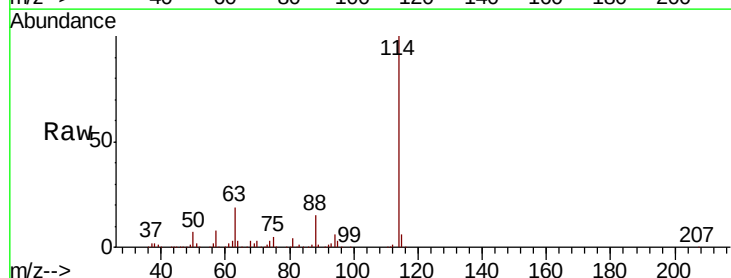
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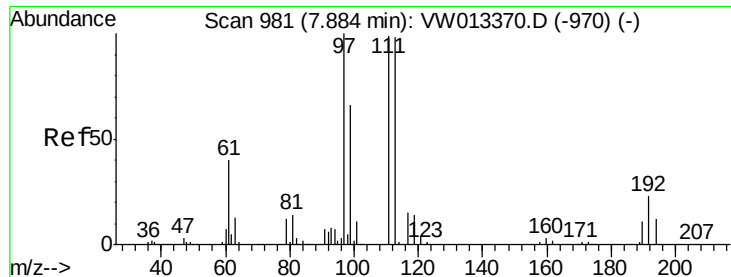
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	395601		
63	18.6	0.0	41.4	
88	15.3	0.0	32.0	





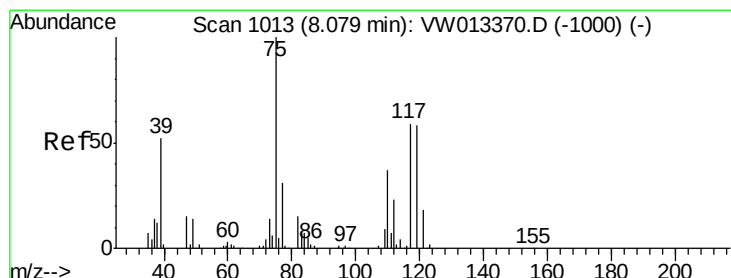
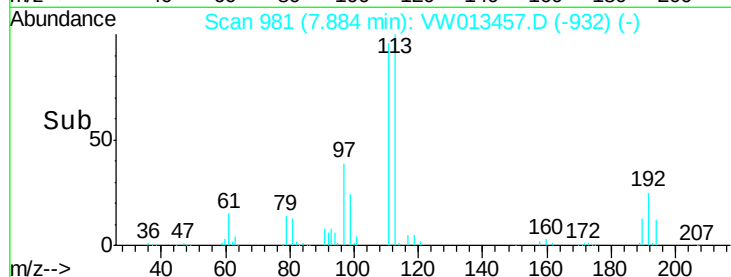
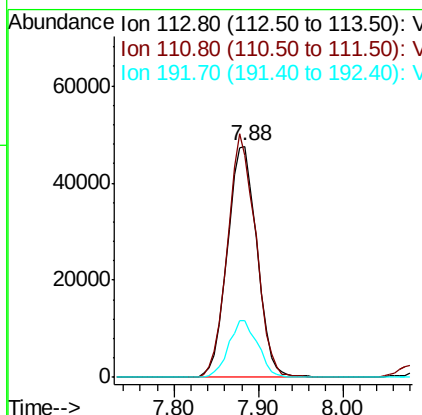
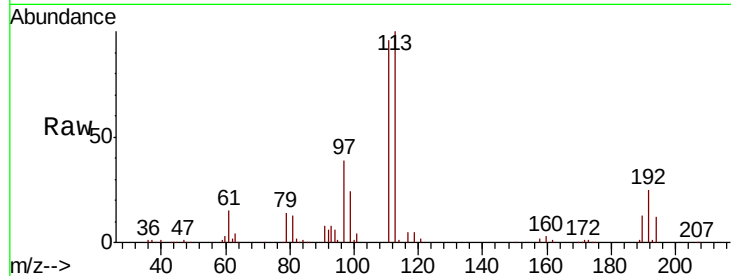
#35
 Dibromofluoromethane
 Concen: 54.563 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113262		
111	101.2	81.9	122.9	
192	24.2	19.1	28.7	

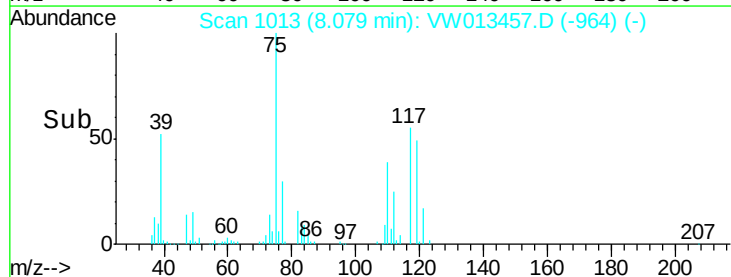
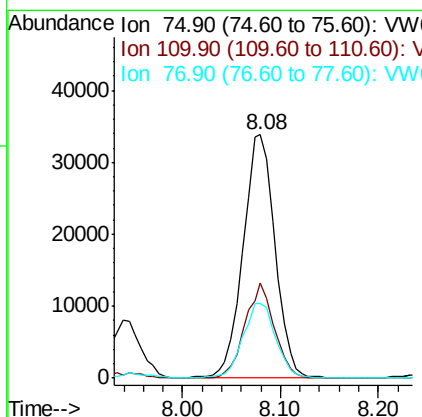
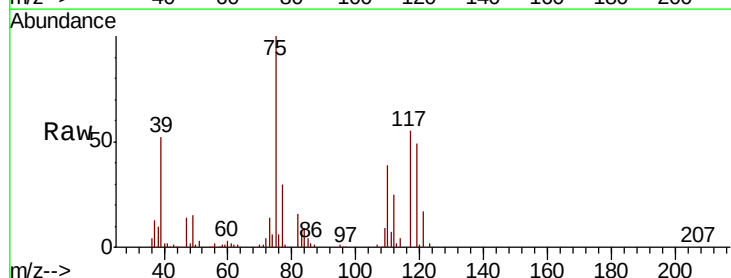
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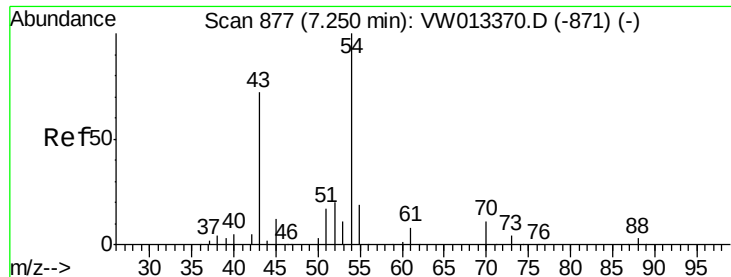
MMDadoda
 10/8/2019 1:31:11 PM



#36
 1,1-Dichloropropene
 Concen: 20.908 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76823		
110	35.5	18.1	54.3	
77	31.5	25.8	38.6	





#37

Ethyl Acetate

Concen: 27.107 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

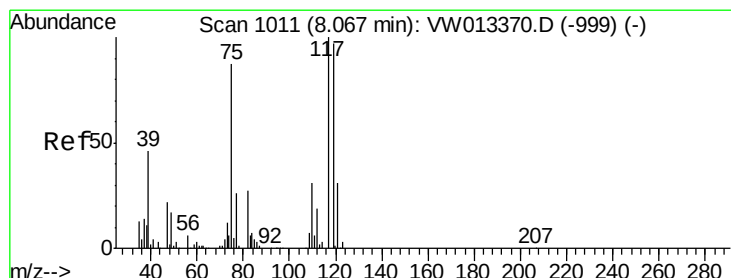
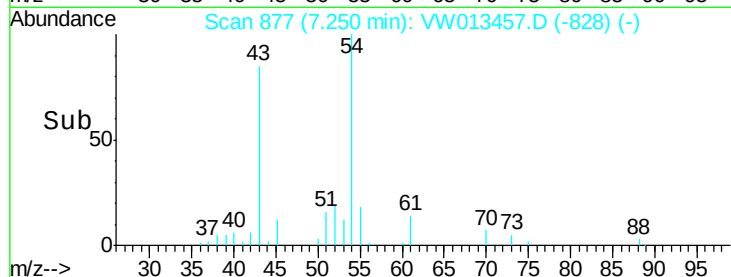
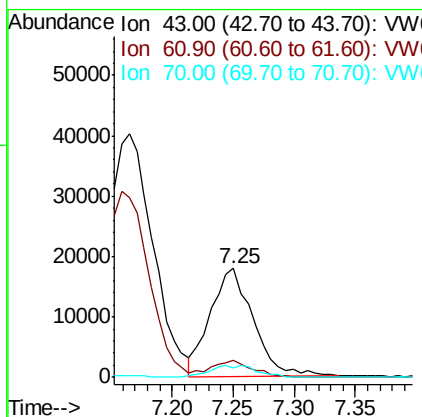
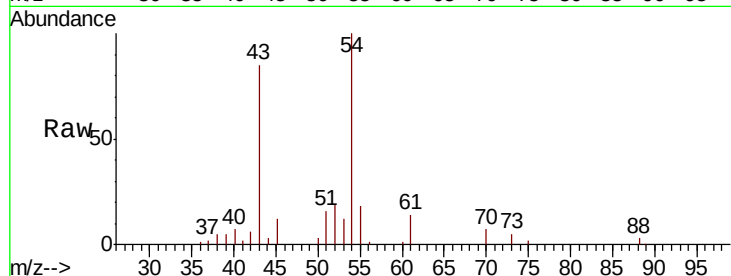
ClientSampled :

VW1007SBS01

Tot Ion:	43	Resp:	43847
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	12.2	8.2	12.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 21.357 ug/l

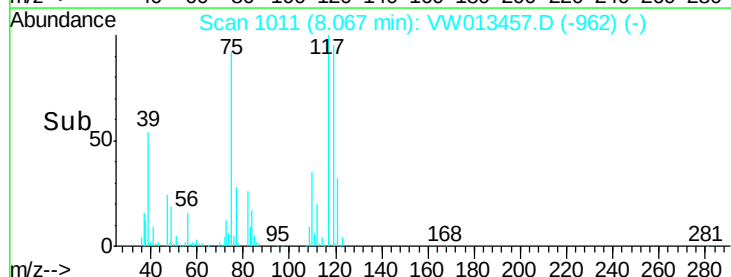
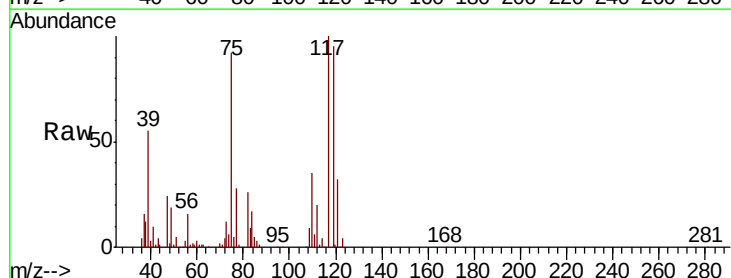
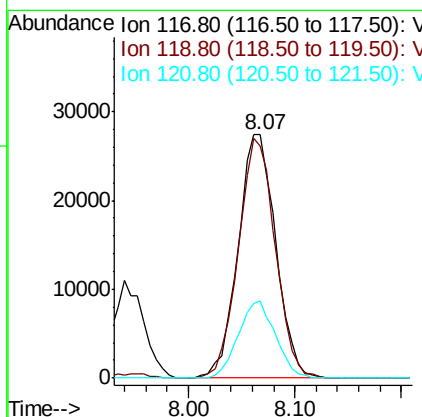
RT: 8.07 min Scan# 1011

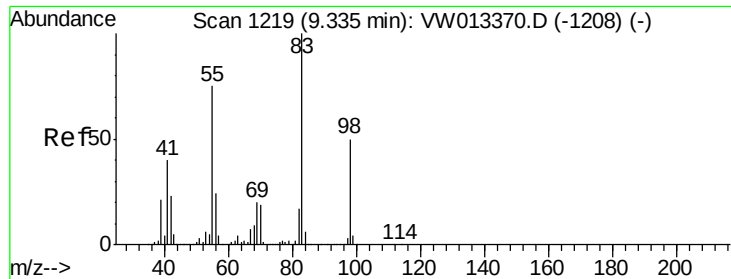
Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion:	117	Resp:	67976
Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.5	110.3
121	31.8	25.0	37.6





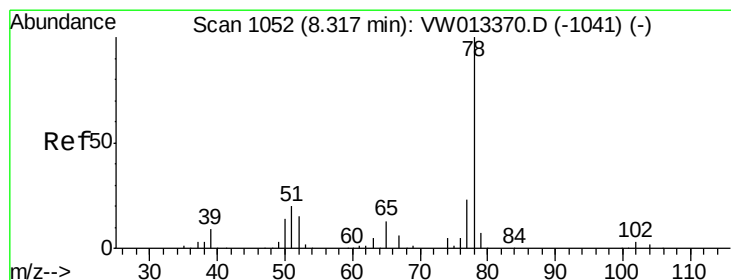
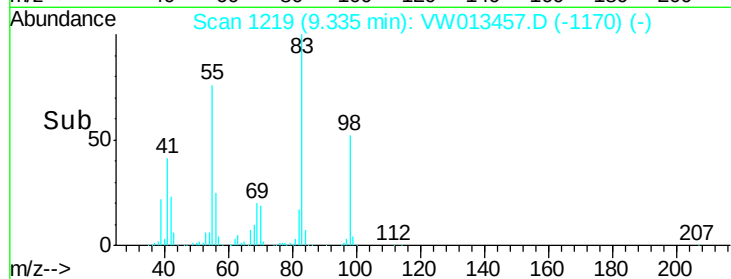
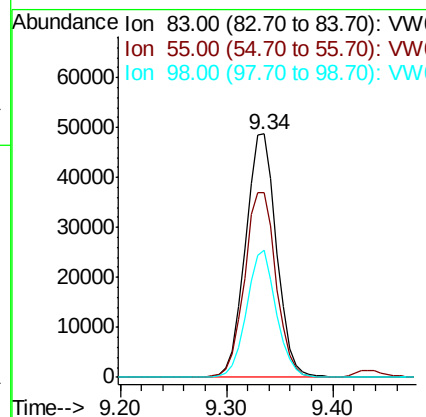
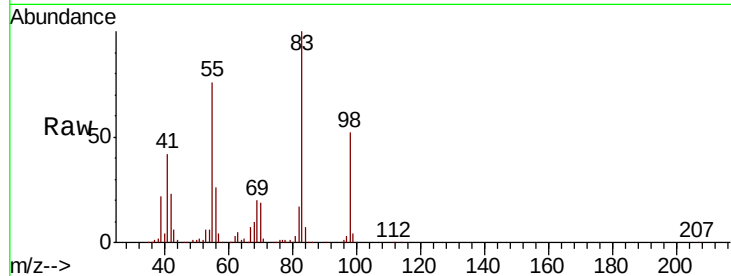
#39
Methylvlcyclohexane
Concen: 20.613 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	60.4	90.6
98	52.5	40.0	60.0

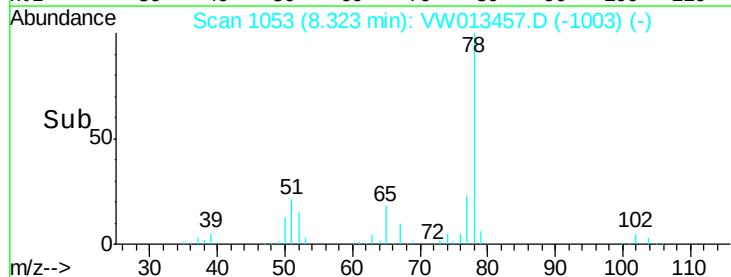
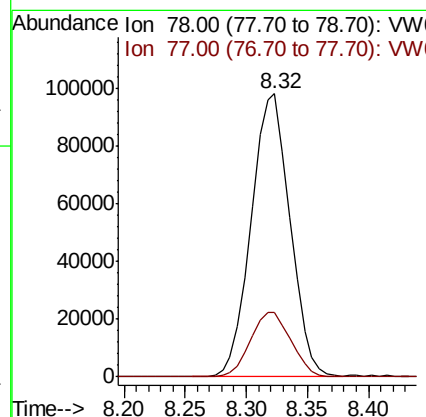
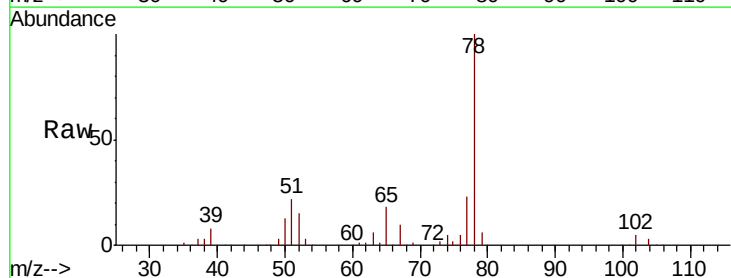
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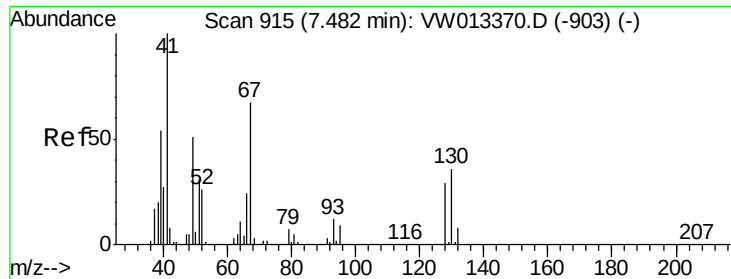
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#40
Benzene
Concen: 20.913 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.1	28.7





#41

Methacrylonitrile

Concen: 23.415 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

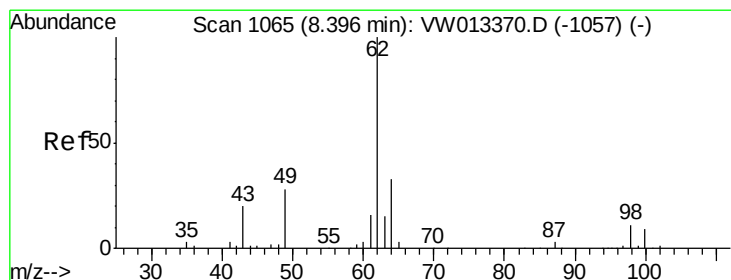
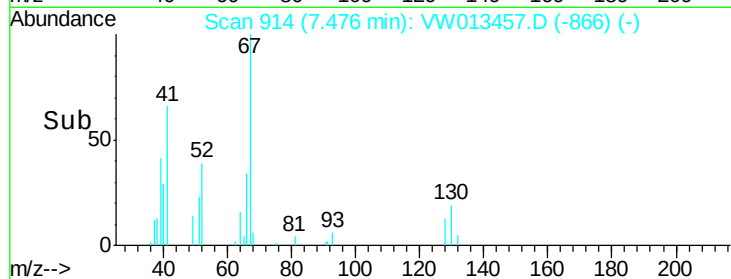
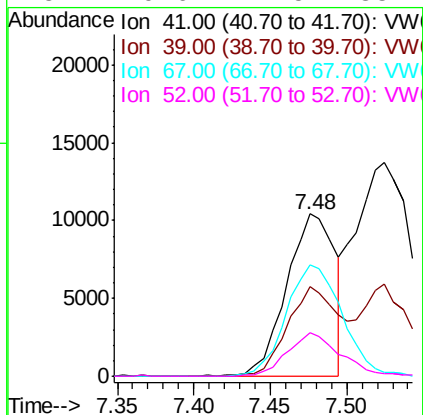
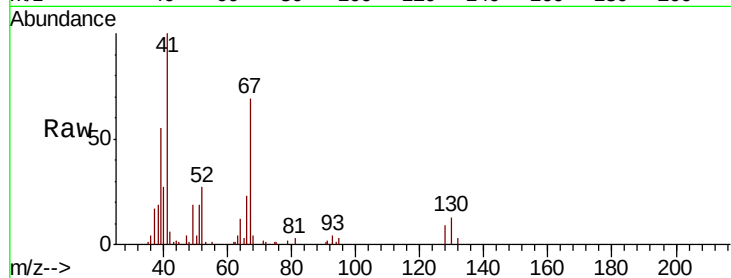
ClientSampleId :

VW1007SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		22894		
39	58.4	45.9	68.9		
67	79.5	54.5	81.7		
52	29.6	22.5	33.7		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 22.033 ug/l

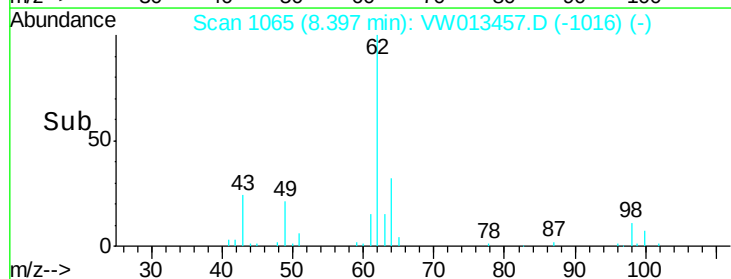
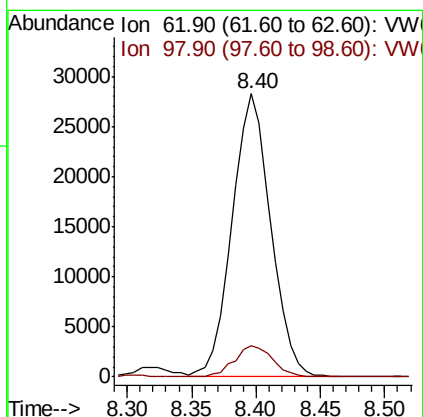
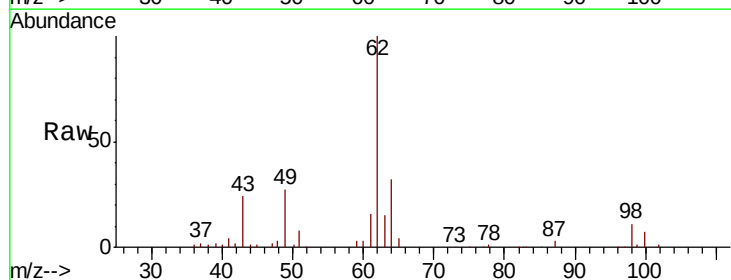
RT: 8.40 min Scan# 1065

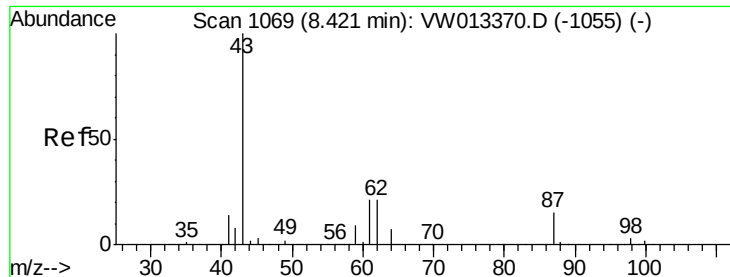
Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		58900		
98	10.8	0.0	20.6		





#43

Isopropyl Acetate

Concen: 25.486 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 43 Resp: 77785

Ion Ratio Lower Upper

43 100

61 30.6 25.5 38.3

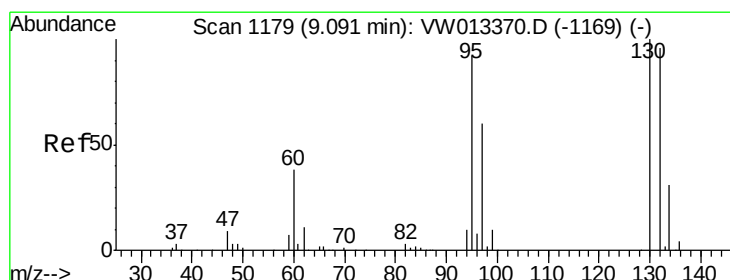
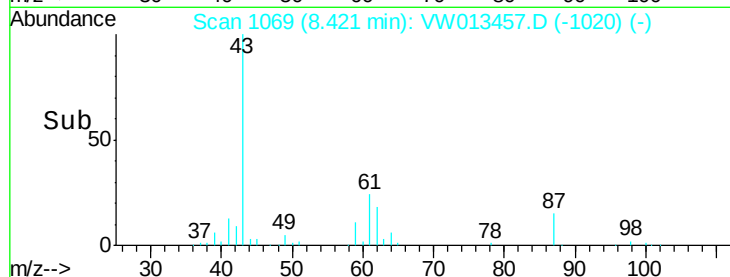
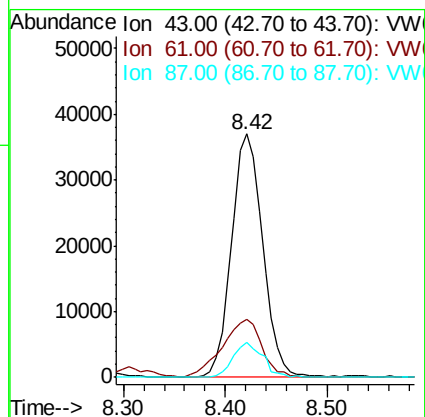
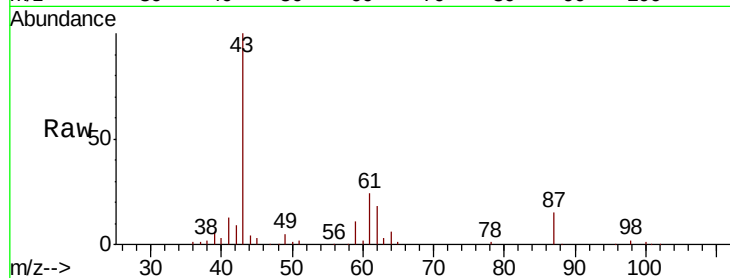
87 13.9 11.0 16.4

Manual Integrations

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#44

Trichloroethene

Concen: 20.827 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013457.D

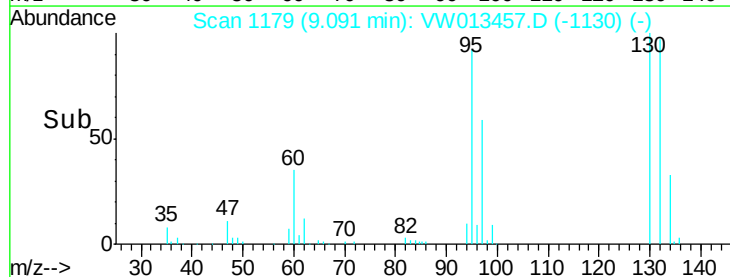
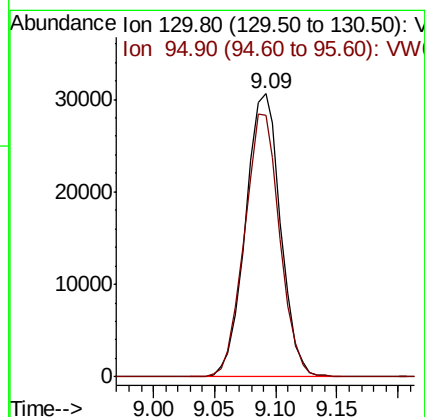
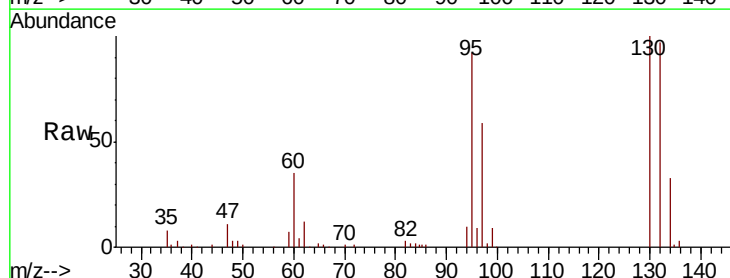
Acq: 07 Oct 2019 12:34

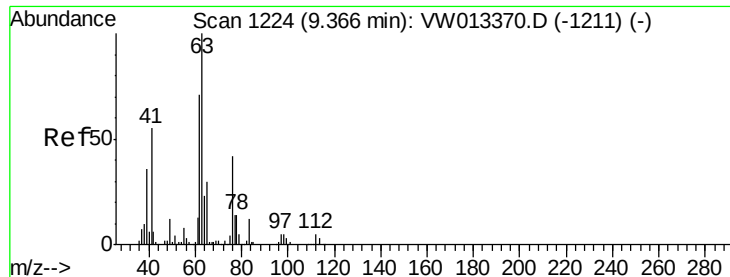
Tgt Ion: 130 Resp: 61003

Ion Ratio Lower Upper

130 100

95 92.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.315 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion: 63 Resp: 53231

Ion Ratio Lower Upper

63 100

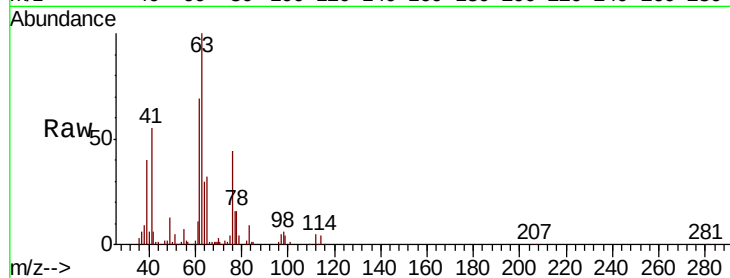
65 32.1 25.3 37.9

Manual Integrations

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MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

25000

20000

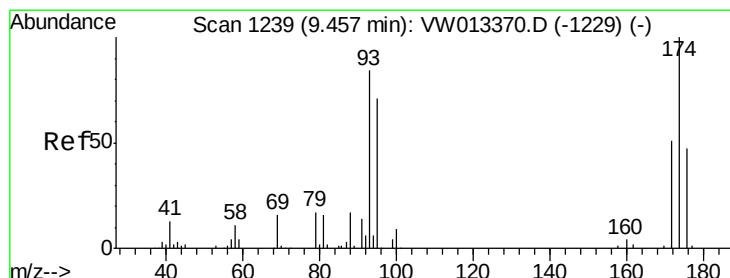
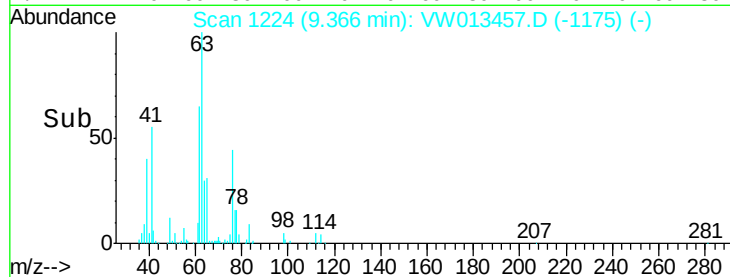
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 22.145 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

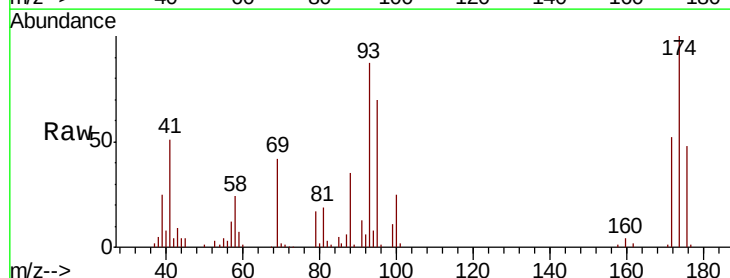
Tgt Ion: 93 Resp: 27546

Ion Ratio Lower Upper

93 100

95 83.3 66.4 99.6

174 123.4 93.0 139.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

20000

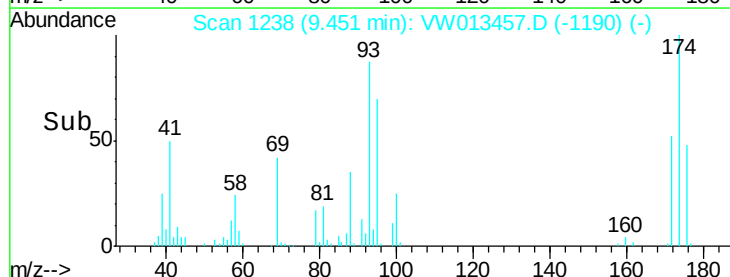
15000

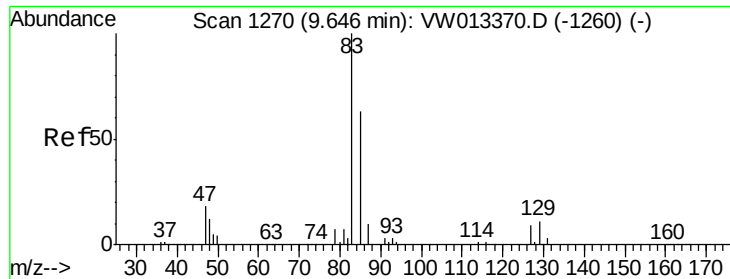
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5000

0

Time-->





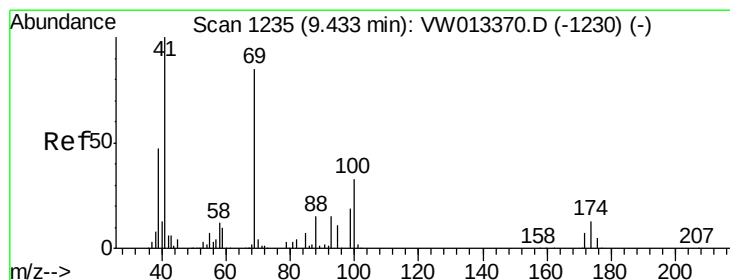
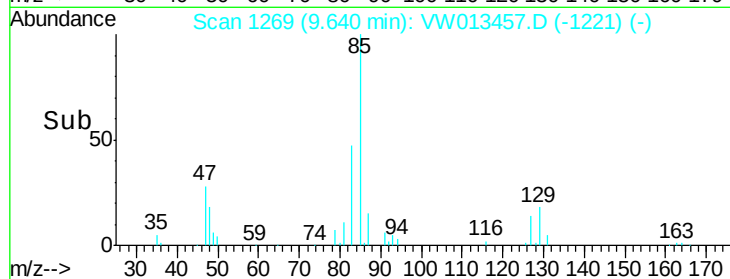
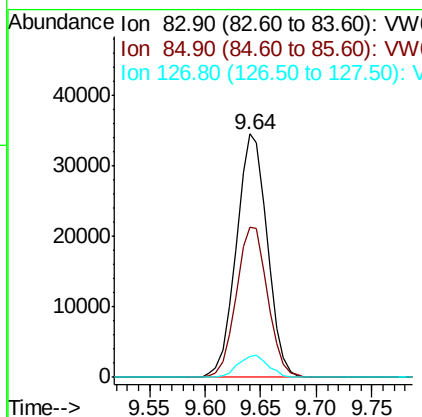
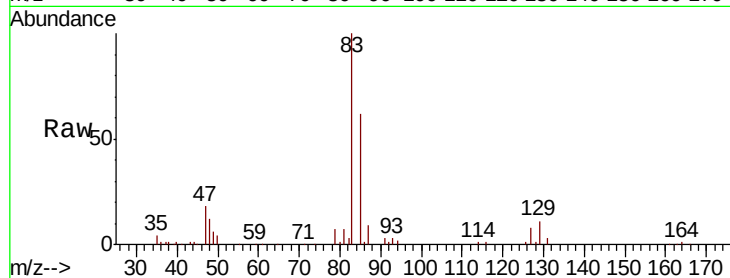
#47
 Bromodichloromethane
 Concen: 21.693 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion:	83	Resp:	66427
Ion	Ratio	Lower	Upper
83	100		
85	61.9	49.4	74.2
127	8.5	6.5	9.7

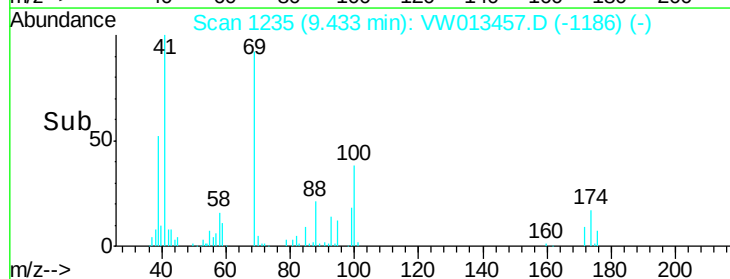
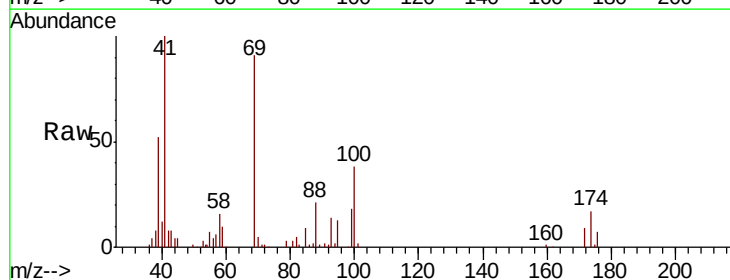
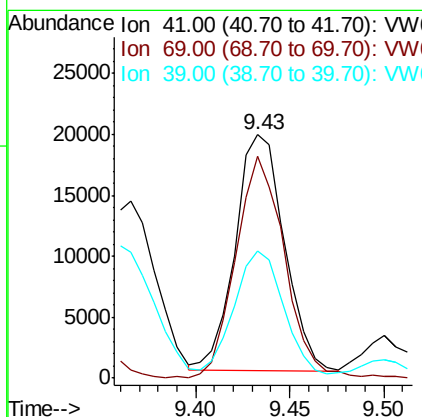
Manual Integrations
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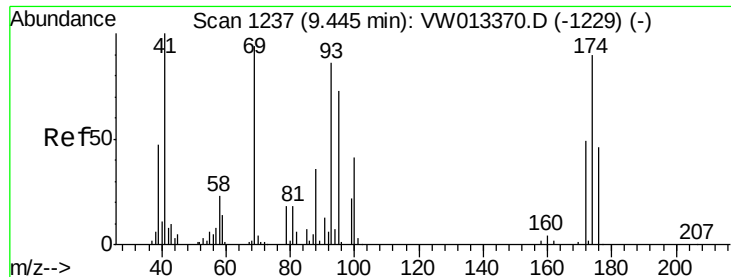
MMDadoda
 10/8/2019 1:31:11 PM



#48
 Methyl methacrylate
 Concen: 23.935 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion:	41	Resp:	35101
Ion	Ratio	Lower	Upper
41	100		
69	92.3	69.7	104.5
39	55.3	41.1	61.7





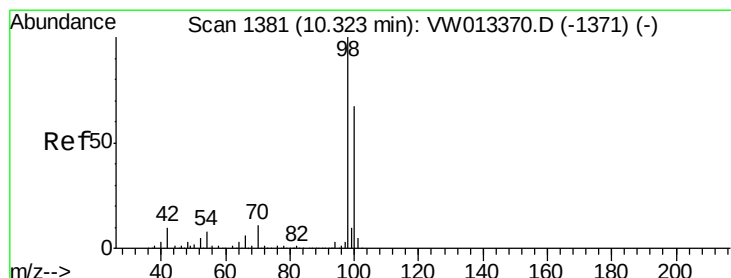
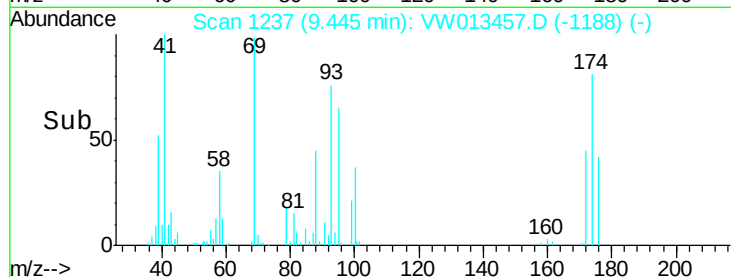
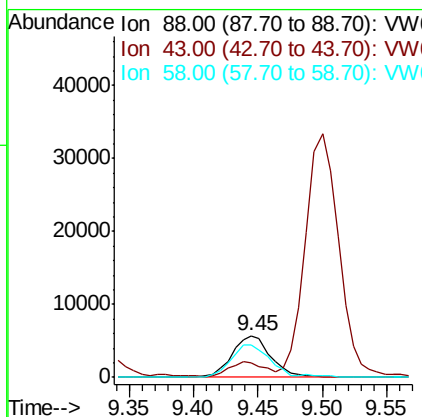
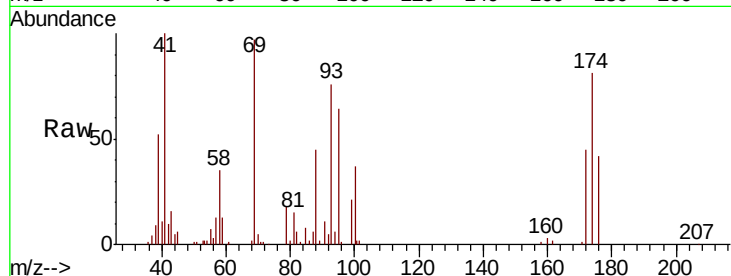
#49
1,4-Dioxane
Concen: 615.729 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion	88	Resp	11965
Ion Ratio	Lower	Upper	
88	100		
43	31.5	0.0	0.0#
58	78.2	65.4	98.0

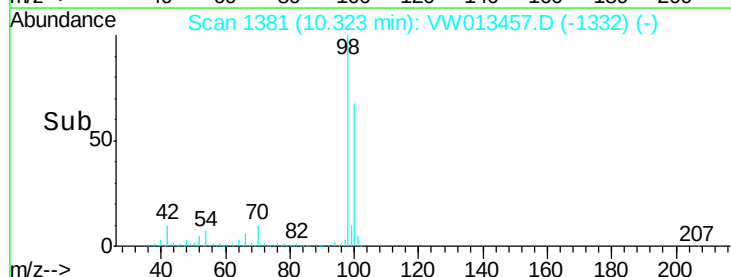
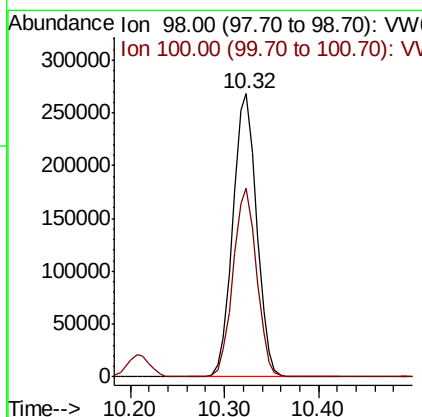
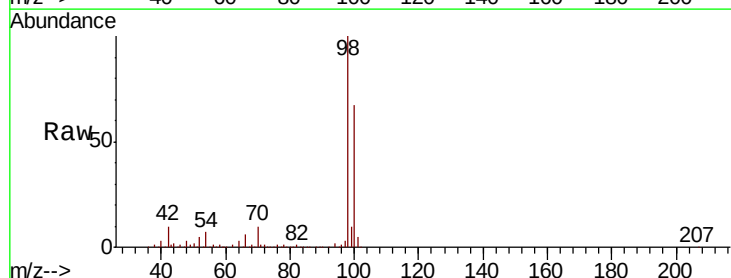
Manual Integrations
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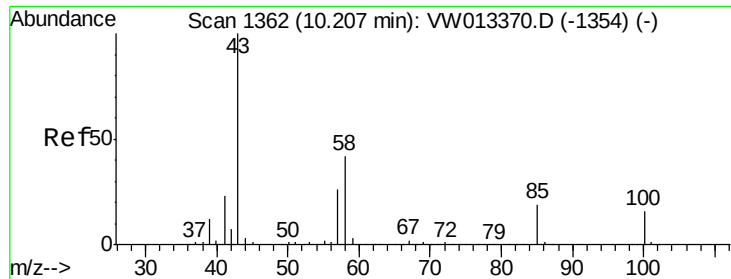
MMDadoda
10/8/2019 1:31:11 PM



#50
Toluene-d8
Concen: 54.531 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	98	Resp	469744
Ion Ratio	Lower	Upper	
98	100		
100	66.2	52.9	79.3





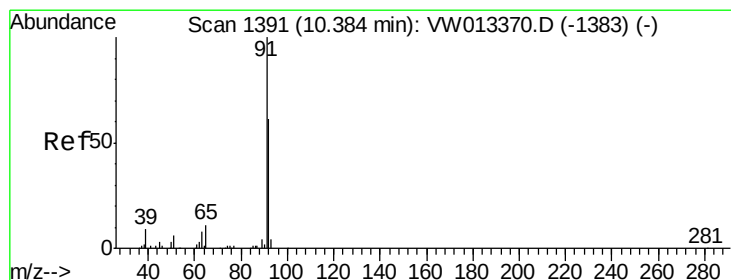
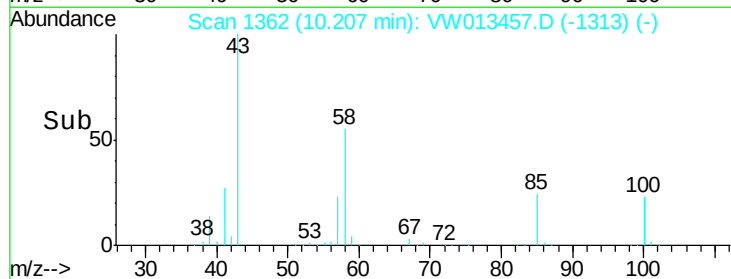
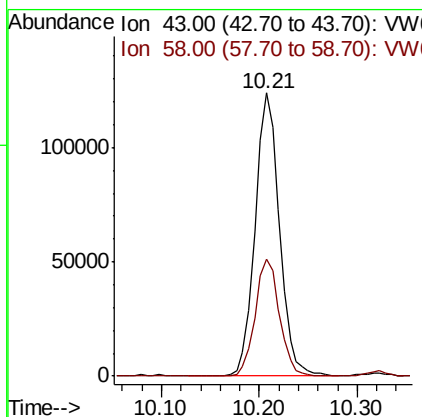
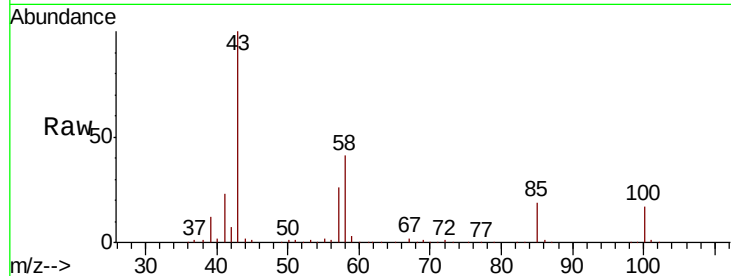
#51
4-Methyl-2-Pentanone
Concen: 133.357 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	43	58	Ratio	Lower	Upper
213847	100	41.5		31.7	47.5

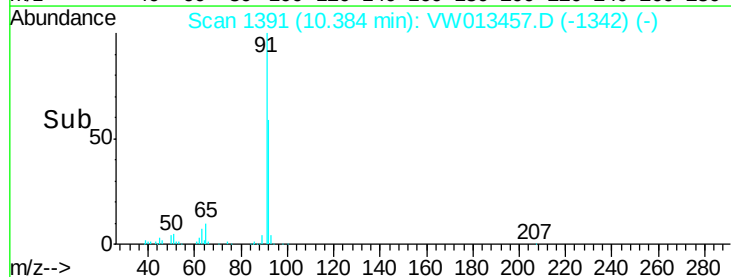
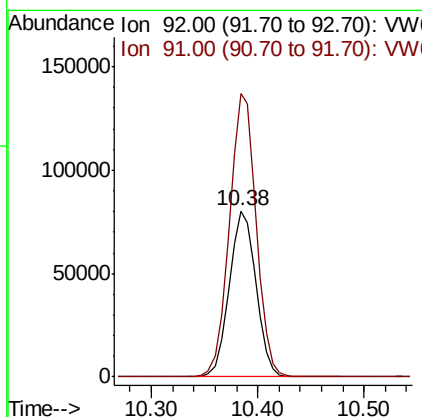
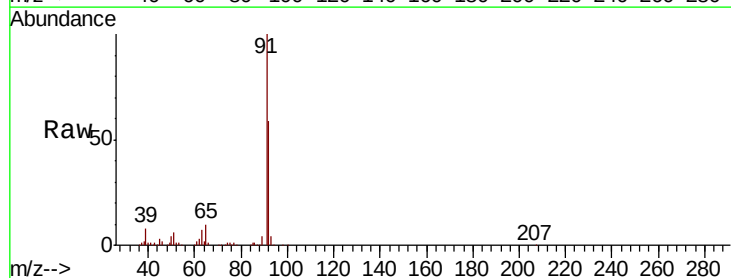
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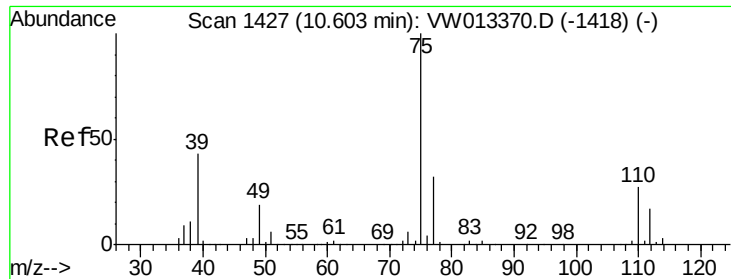
MMDadoda
10/8/2019 1:31:11 PM



#52
Toluene
Concen: 21.090 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	92	91	Ratio	Lower	Upper
141490	100	170.2		135.7	203.5





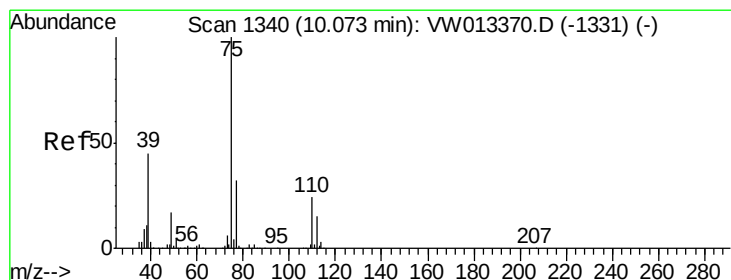
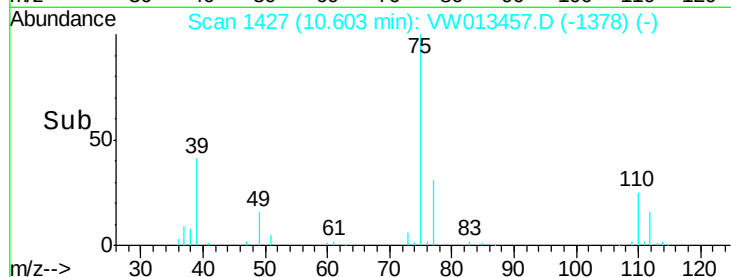
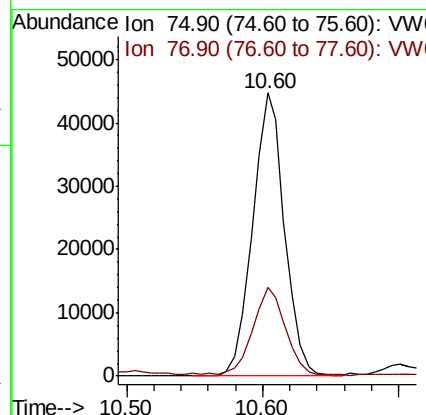
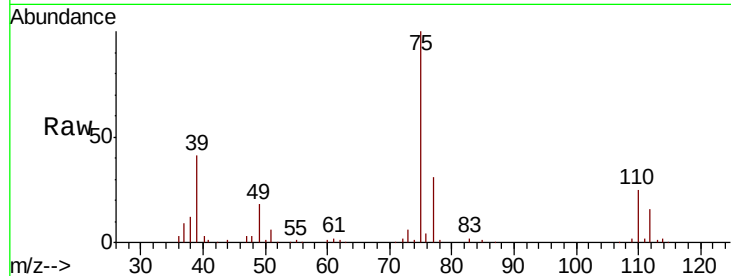
#53
t-1,3-Dichloropropene
Concen: 23.010 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.5	38.3

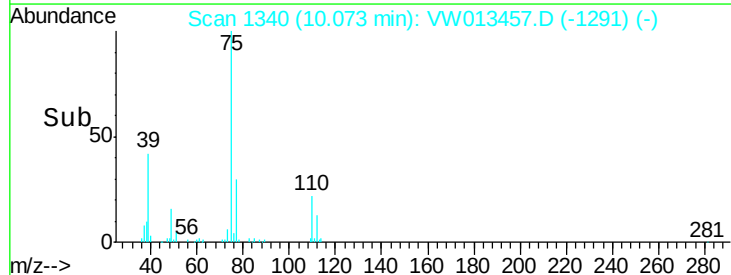
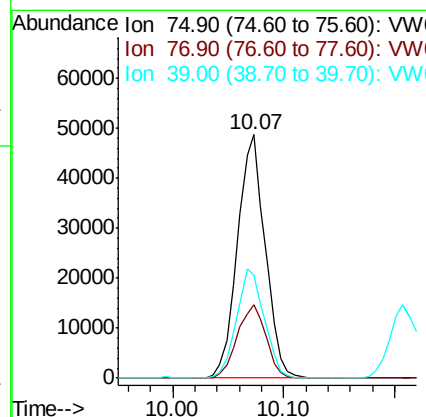
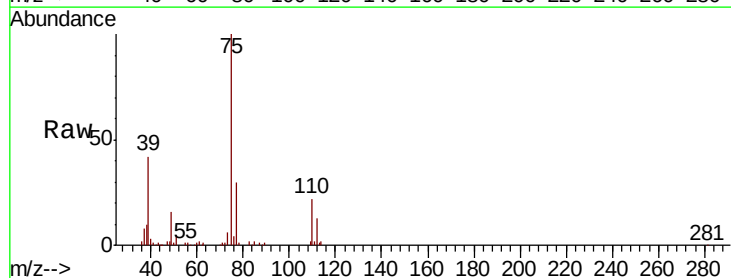
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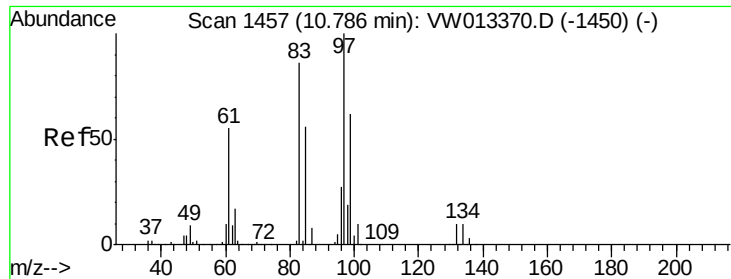
MMDadoda
10/8/2019 1:31:11 PM



#54
cis-1,3-Dichloropropene
Concen: 21.741 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.2	37.8
39	41.9	36.6	55.0





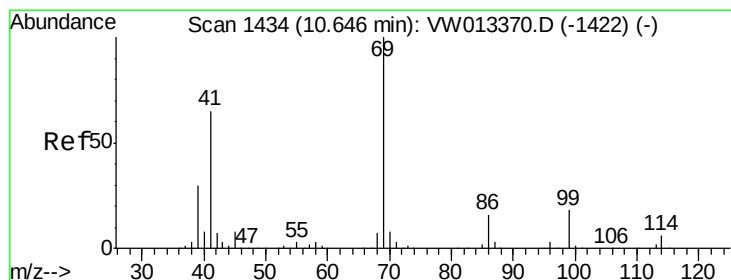
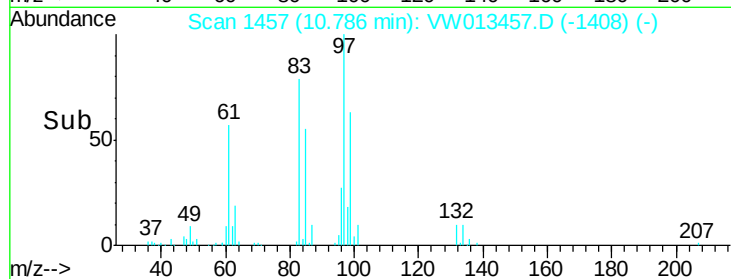
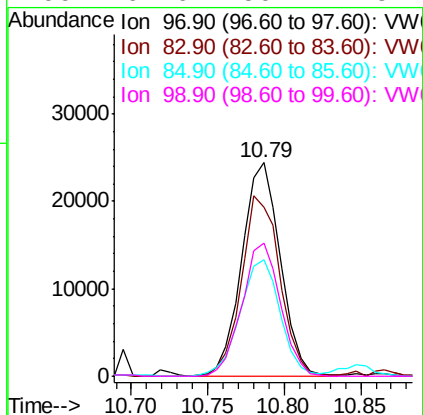
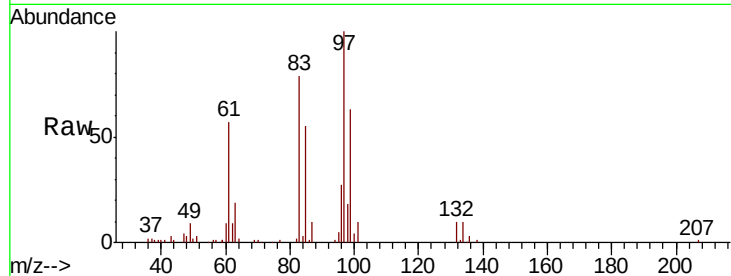
#55
 1,1,2-Trichloroethane
 Concen: 23.060 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Tot Ion:	97	Resp:	42791
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.6	101.4
85	54.8	41.9	62.9
99	62.6	50.1	75.1

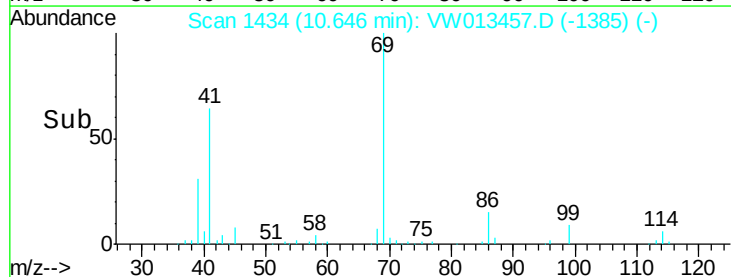
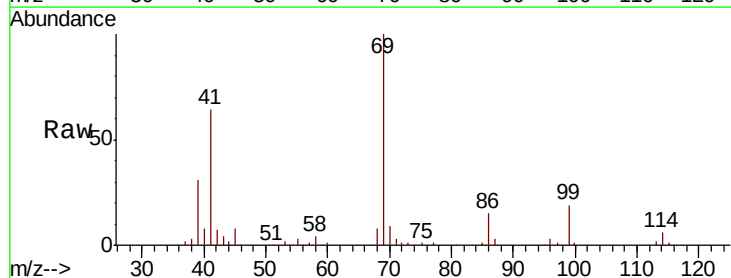
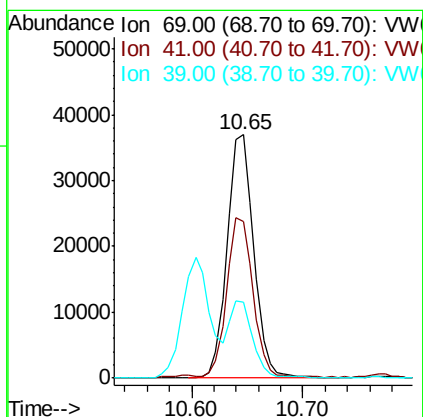
Manual Integrations
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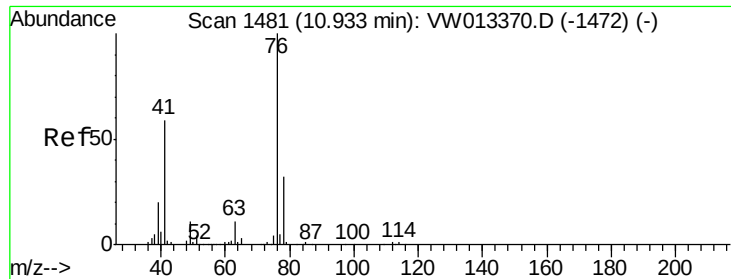
MMDadoda
 10/8/2019 1:31:11 PM



#56
 Ethyl methacrylate
 Concen: 24.565 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion:	69	Resp:	61354
Ion	Ratio	Lower	Upper
69	100		
41	63.6	53.9	80.9
39	27.4	23.8	35.6





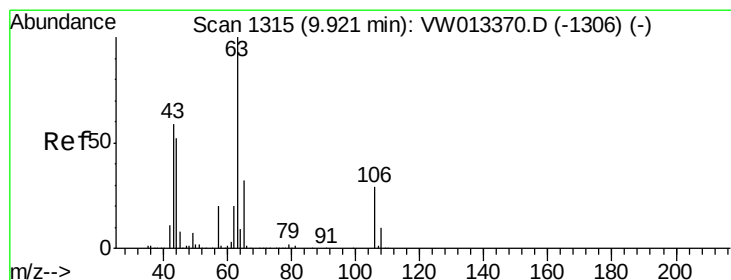
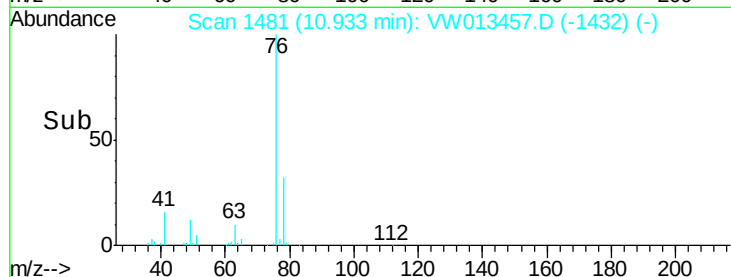
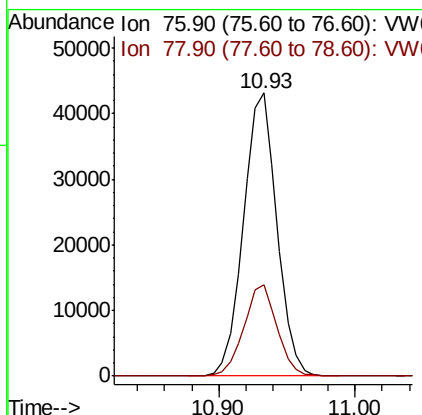
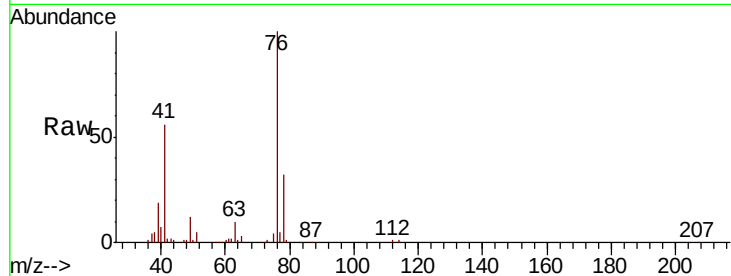
#57
 1,3-Dichloropropane
 Concen: 22.967 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion: 76 Resp: 74089
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3

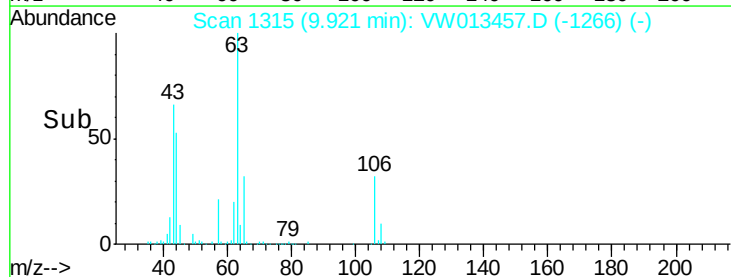
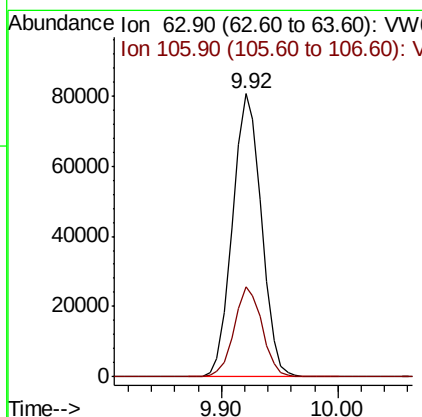
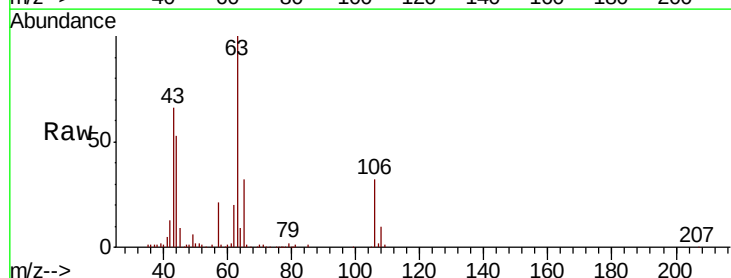
Manual Integrations
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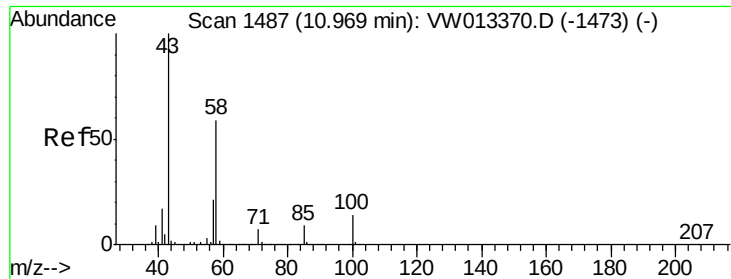
MMDadoda
 10/8/2019 1:31:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 135.809 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 63 Resp: 139338
 Ion Ratio Lower Upper
 63 100
 106 30.7 23.4 35.0





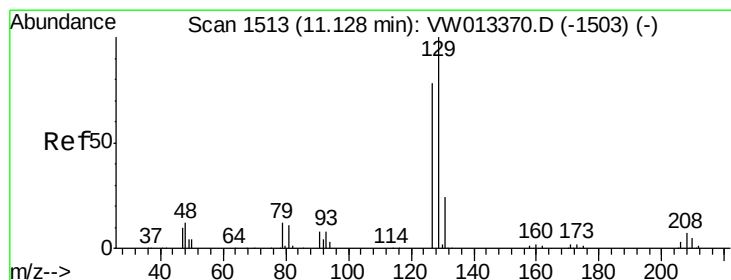
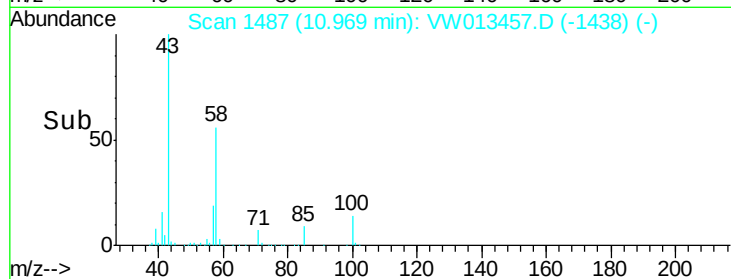
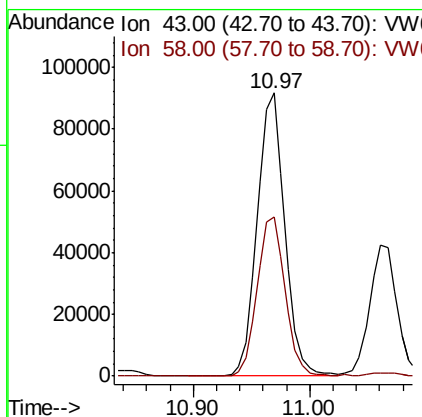
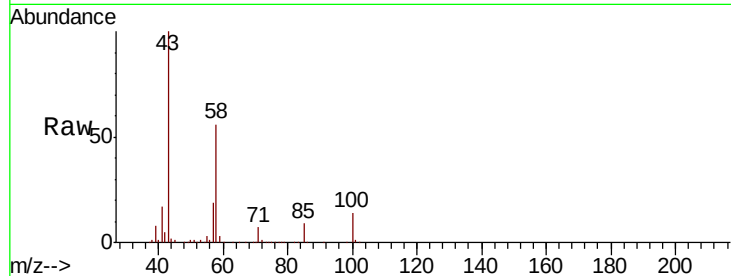
#59
2-Hexanone
Concen: 136.622 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion: 43 Resp: 151852
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.2

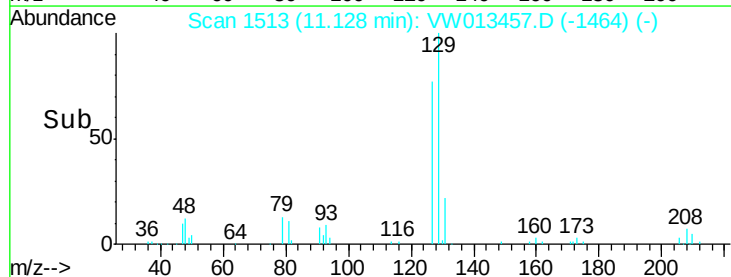
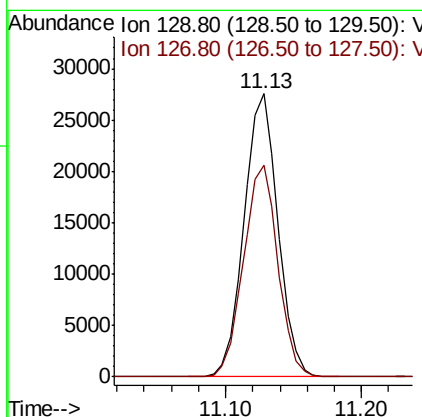
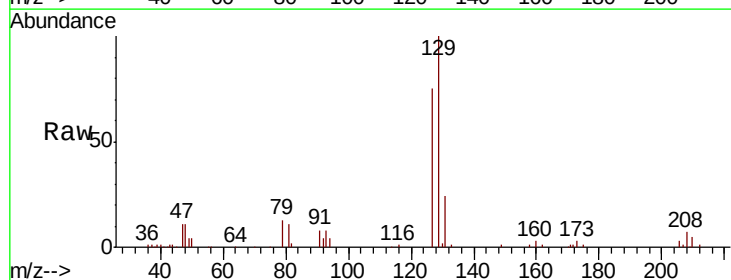
Manual Integrations
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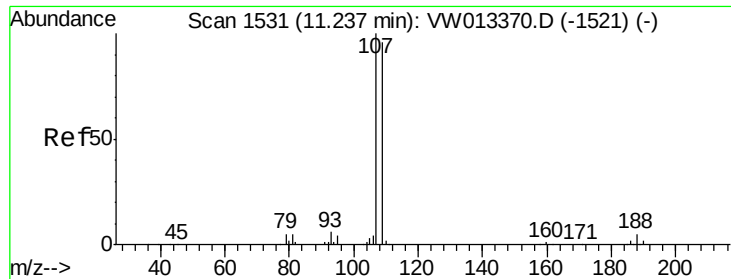
MMDadoda
10/8/2019 1:31:11 PM



#60
Dibromochloromethane
Concen: 22.611 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 129 Resp: 48001
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4





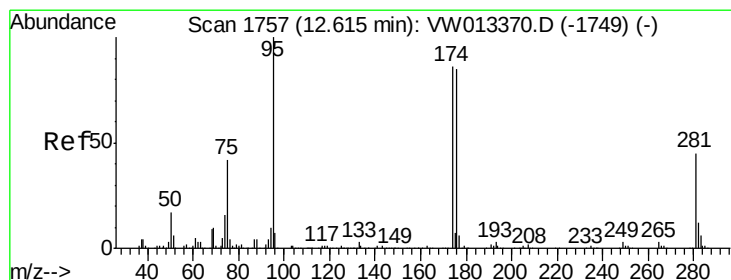
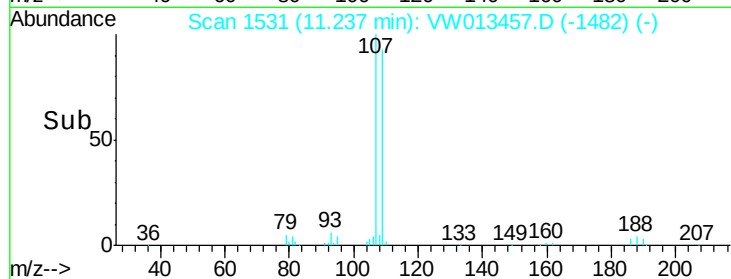
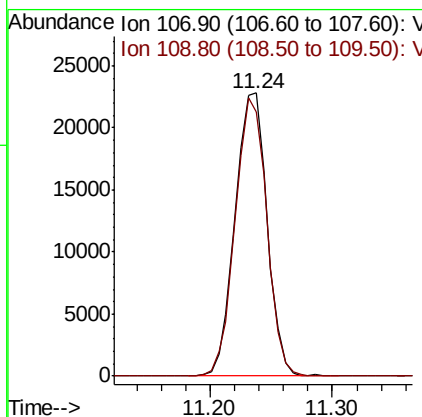
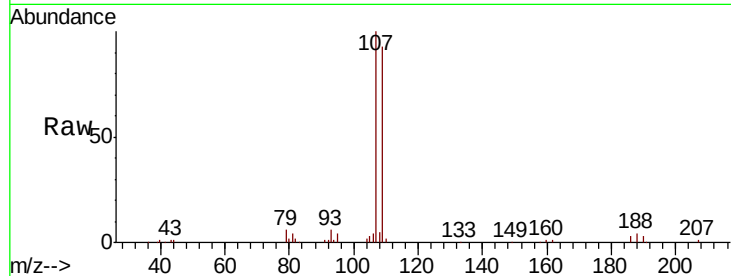
#61
 1,2-Dibromoethane
 Concen: 23.020 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Tot Ion: 107 Resp: 41277
 Ion Ratio Lower Upper
 107 100
 109 97.0 75.2 112.8

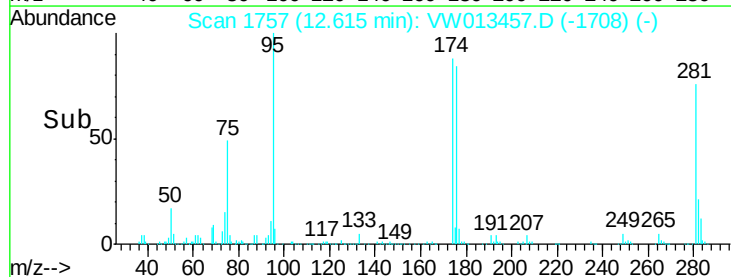
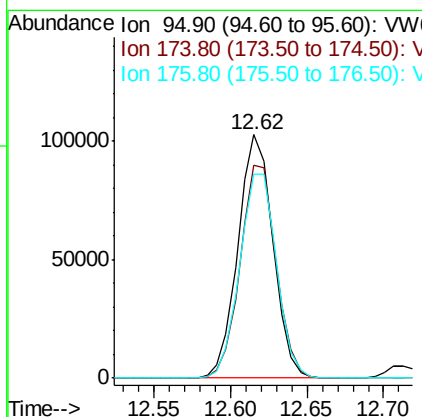
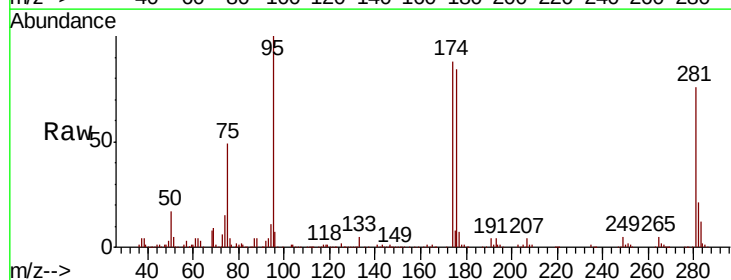
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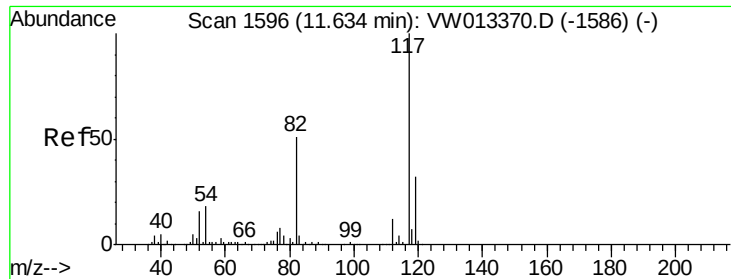
MMDadoda
 10/8/2019 1:31:11 PM



#62
 4-Bromofluorobenzene
 Concen: 56.930 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 95 Resp: 163765
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 178.4
 176 88.3 0.0 172.2





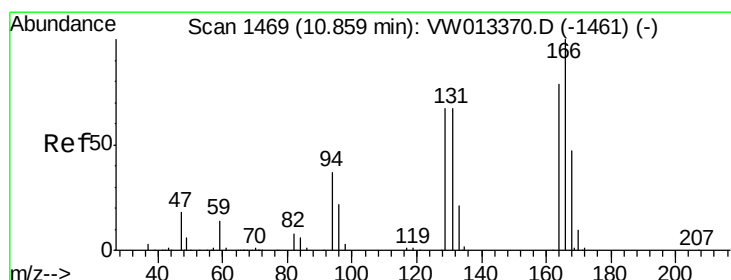
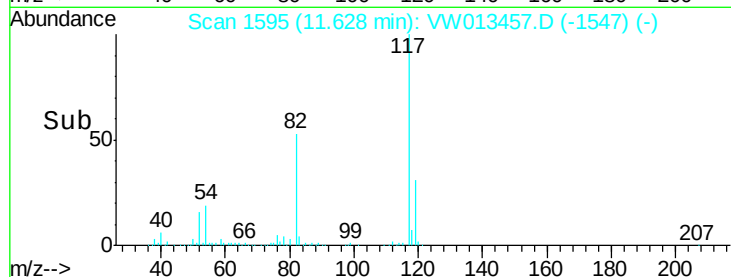
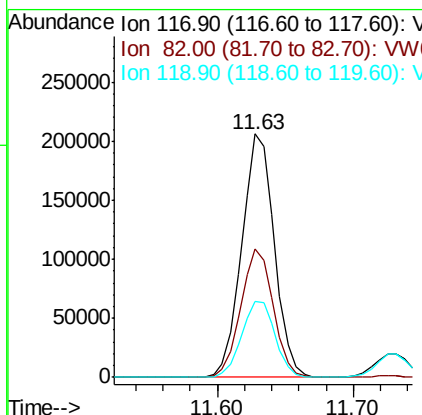
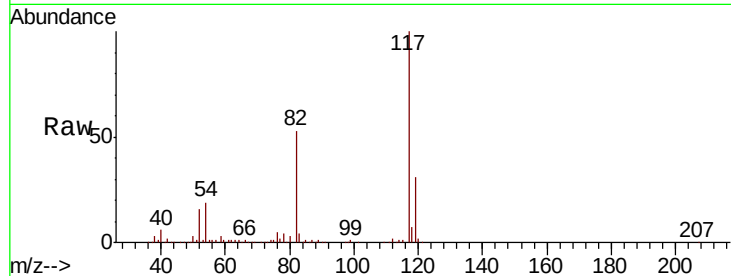
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	45.9	68.9
119	31.2	26.2	39.2

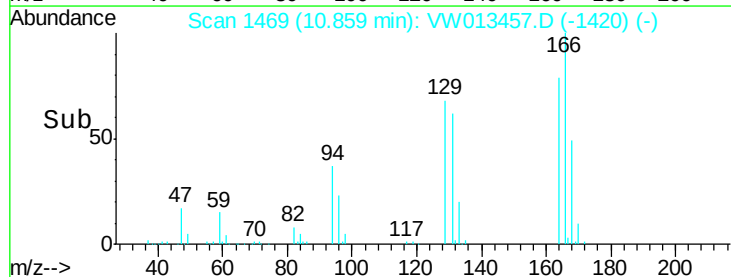
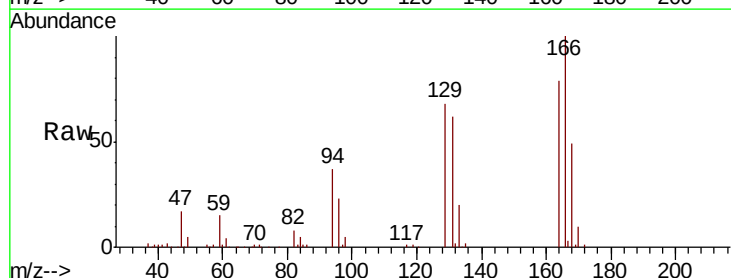
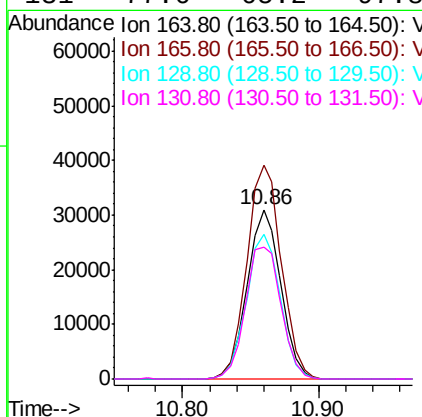
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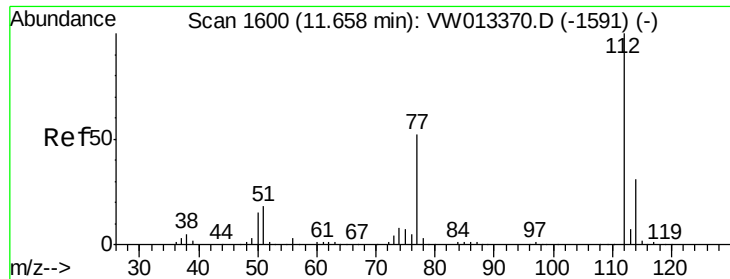
MMDadoda
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#64
Tetrachloroethene
Concen: 20.573 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.2	151.8
129	85.8	68.8	103.2
131	77.6	65.2	97.8





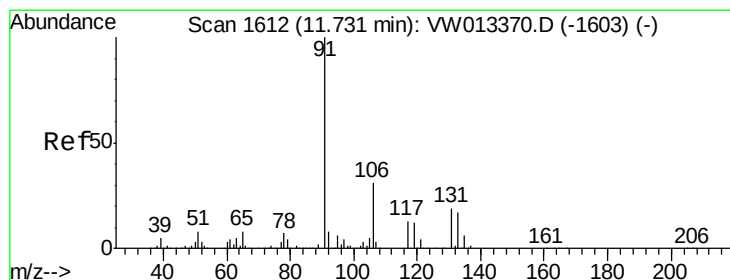
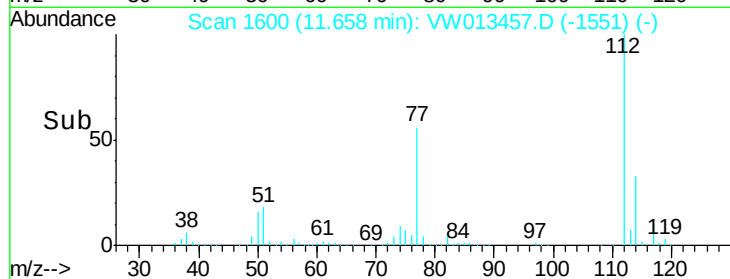
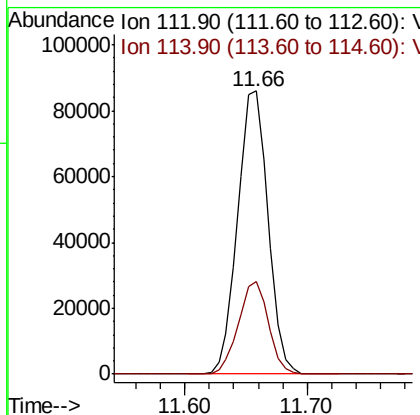
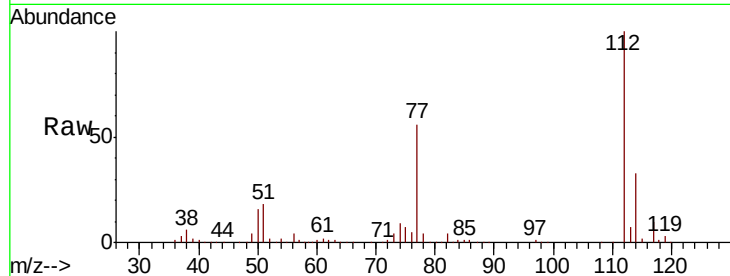
#65
Chlorobenzene
Concen: 21.006 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion:112 Resp: 148214
Ion Ratio Lower Upper
112 100
114 32.8 26.5 39.7

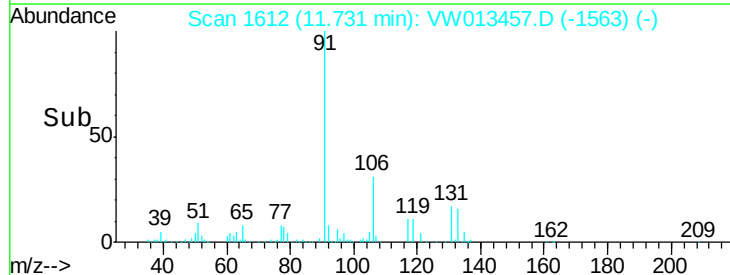
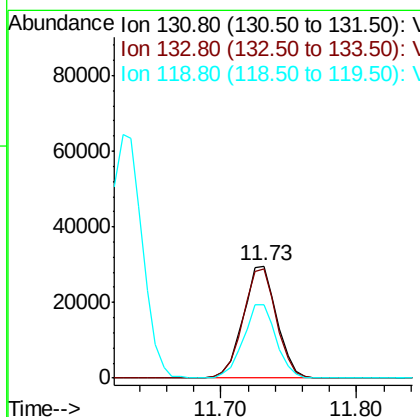
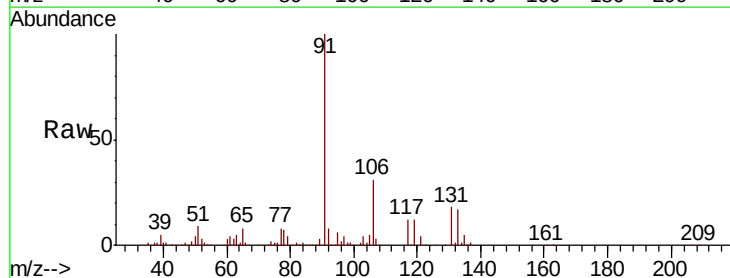
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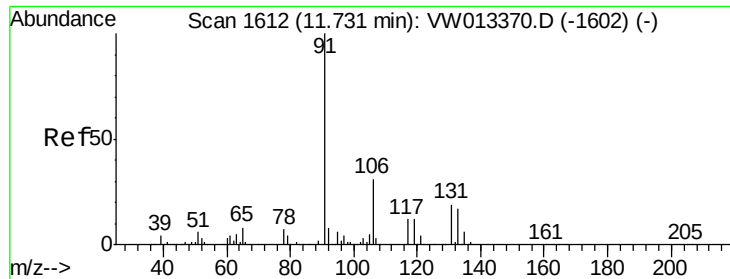
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.330 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion:131 Resp: 51259
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 63.9 32.5 97.5





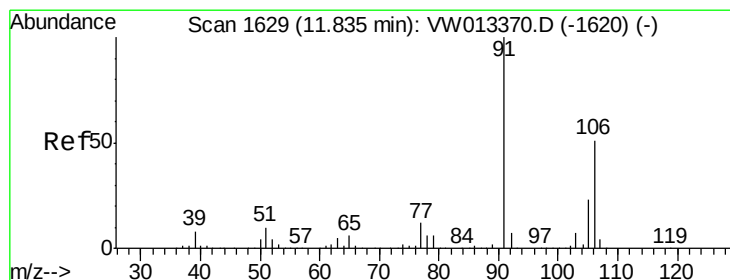
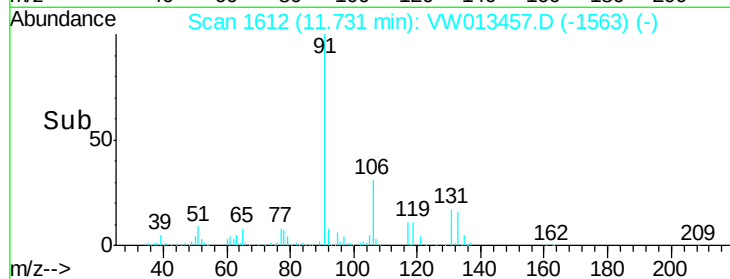
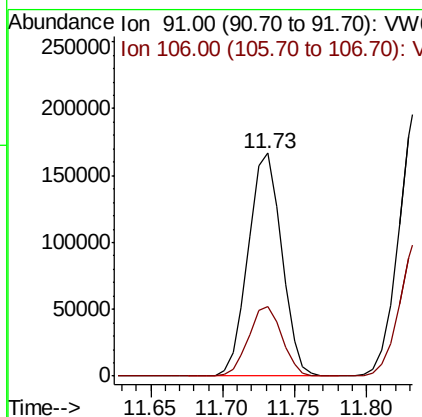
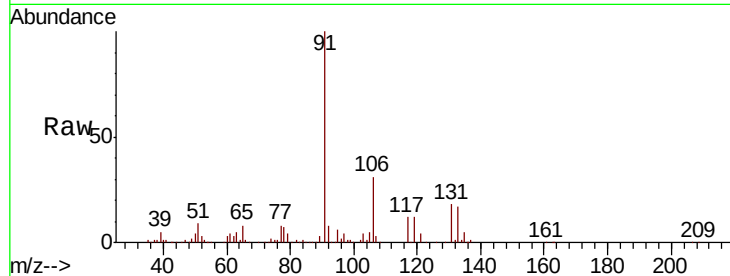
#67
Ethyl Benzene
Concen: 21.261 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion: 91 Resp: 268869
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

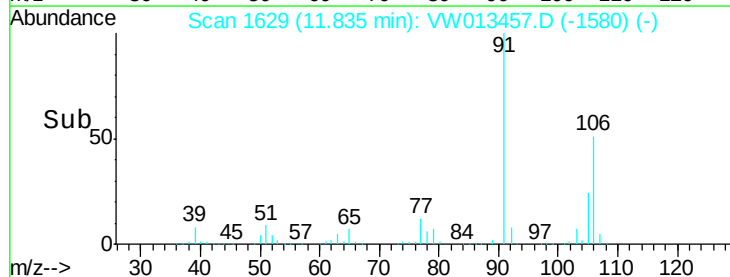
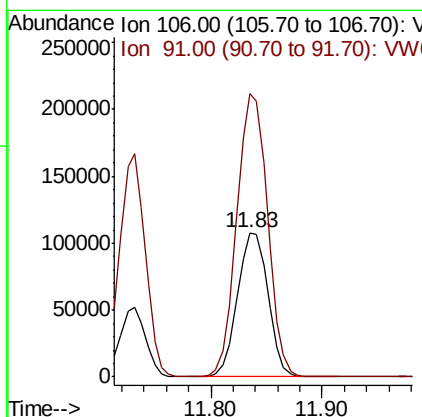
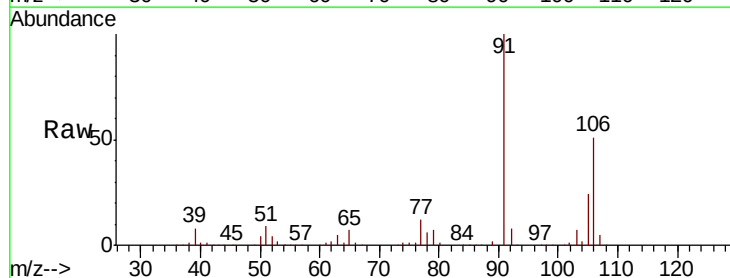
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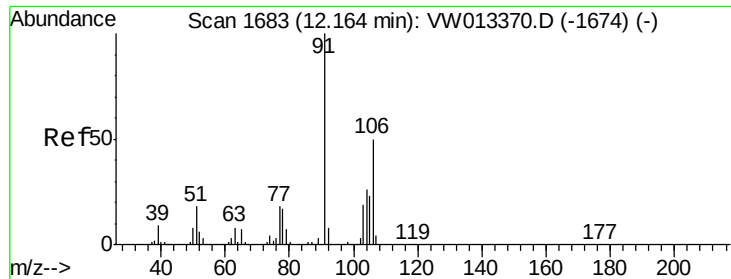
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#68
m/p-Xylenes
Concen: 42.039 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 106 Resp: 205199
Ion Ratio Lower Upper
106 100
91 197.7 157.9 236.9





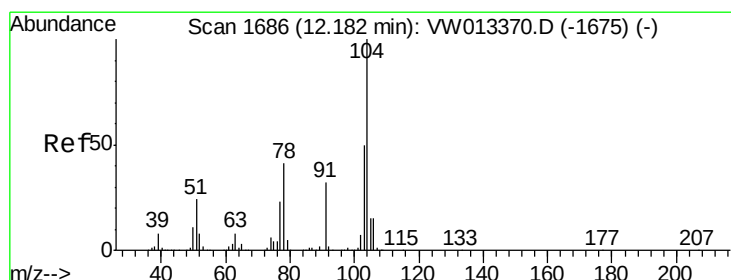
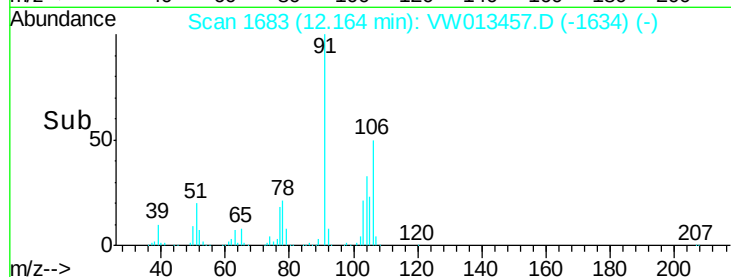
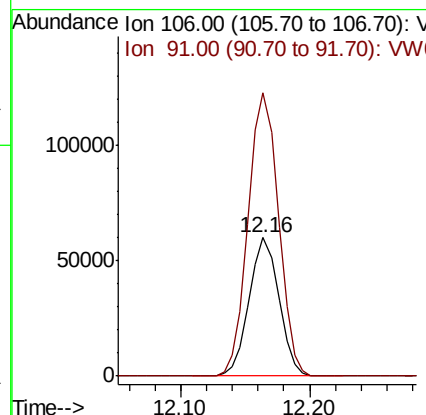
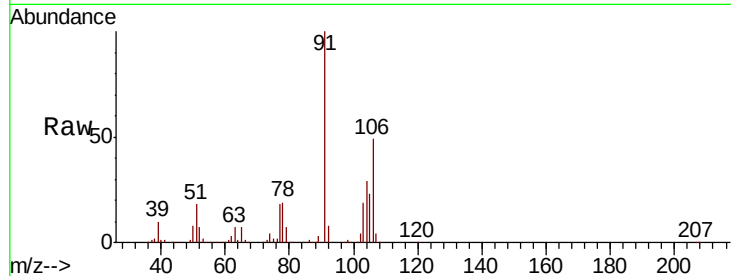
#69
o-Xylene
Concen: 21.254 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.3	106.5	319.5

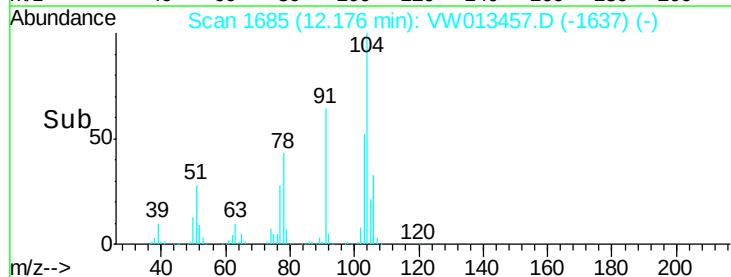
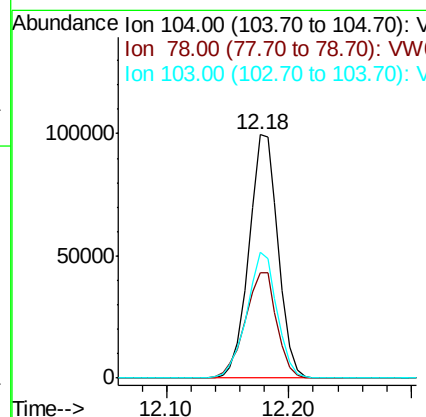
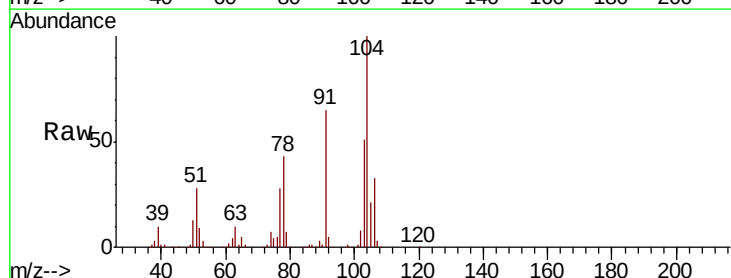
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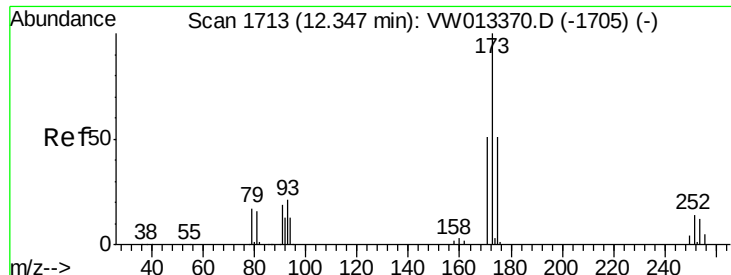
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#70
Styrene
Concen: 21.341 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.0	38.4	57.6
103	53.9	43.3	64.9





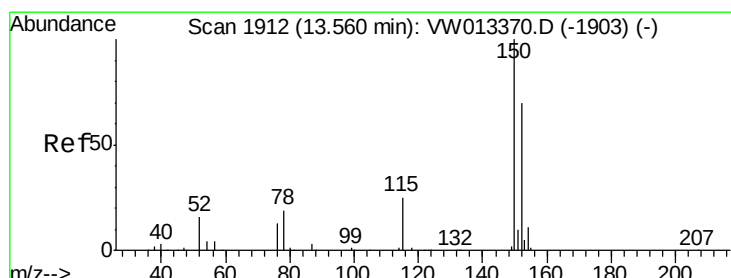
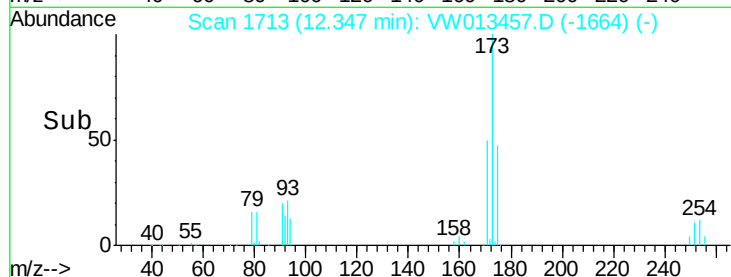
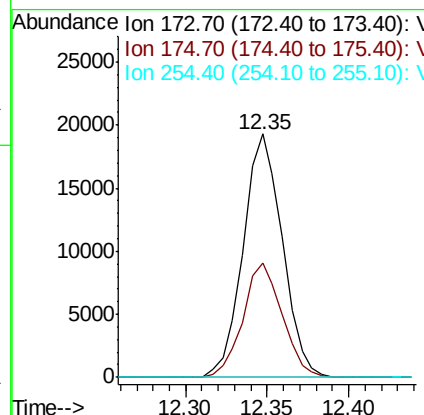
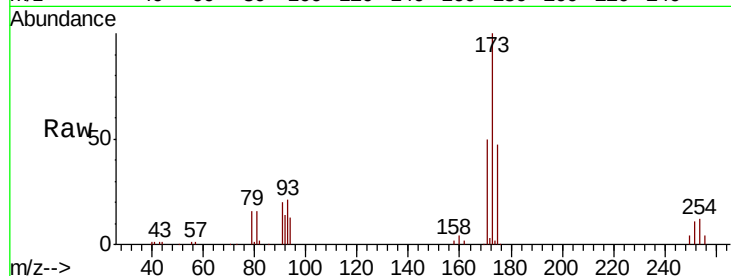
#71
Bromoform
Concen: 24.710 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.3	73.0
254	0.0	0.1	0.1#

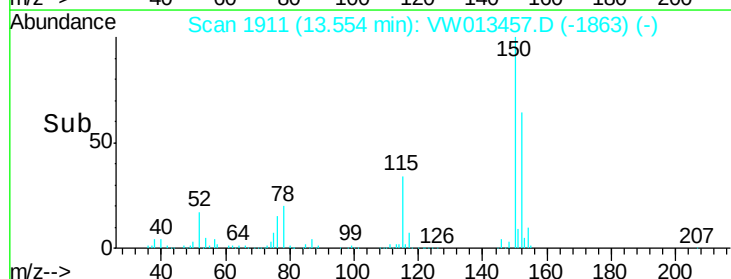
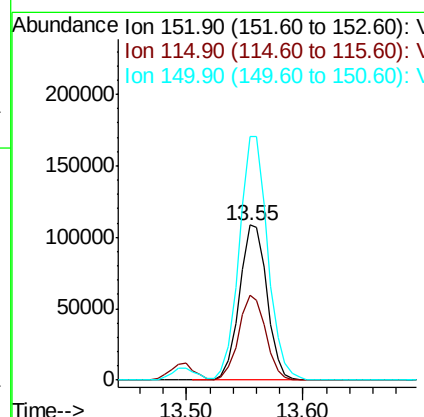
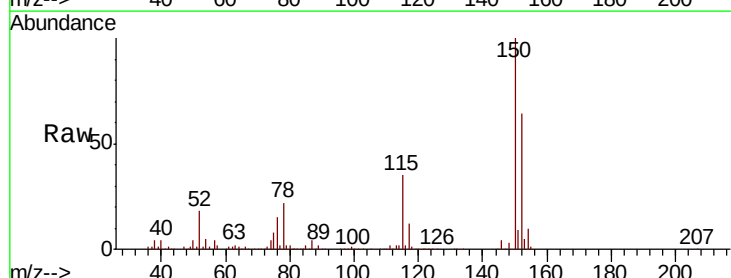
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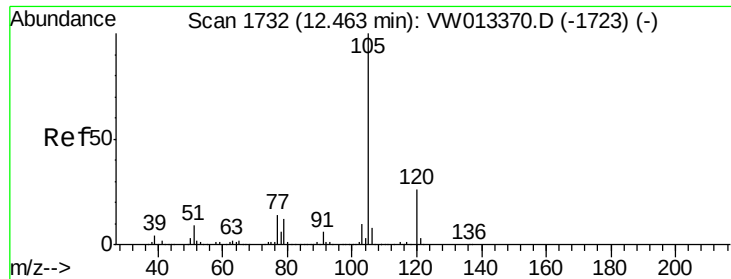
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.3	81.9
150	163.8	0.0	349.0





#73

Isopropylbenzene

Concen: 20.323 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

Tot Ion:105 Resp: 264669

Ion Ratio Lower Upper

105 100

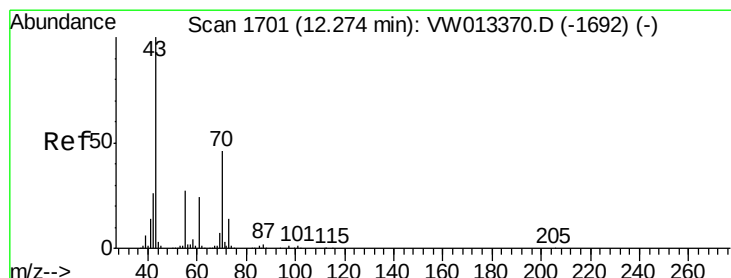
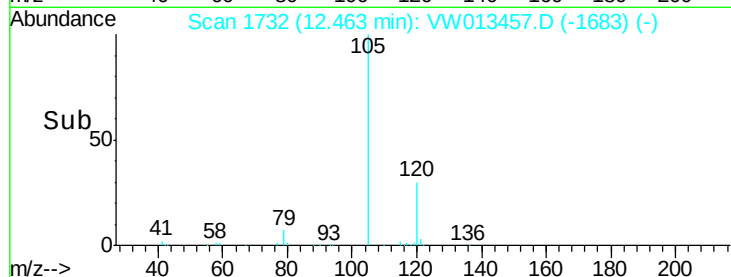
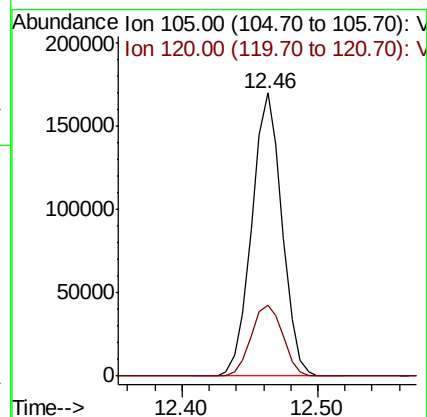
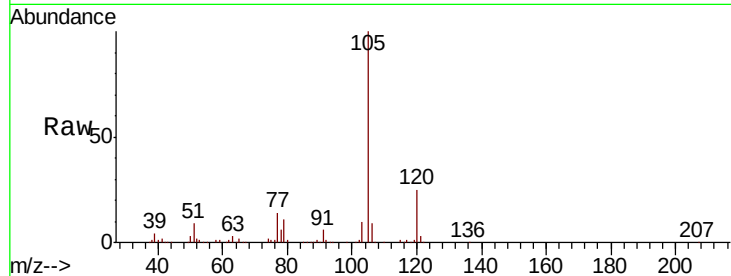
120 26.4 13.4 40.1

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#74

N-ethyl acetate

Concen: 25.579 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion: 43 Resp: 70895

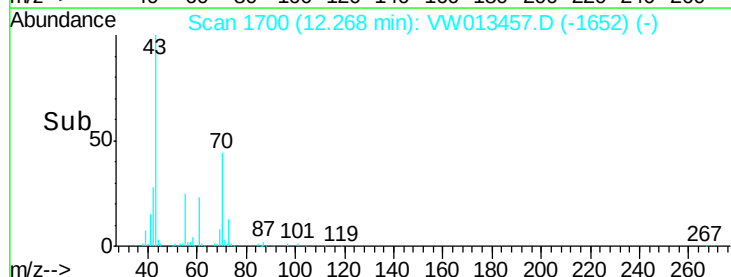
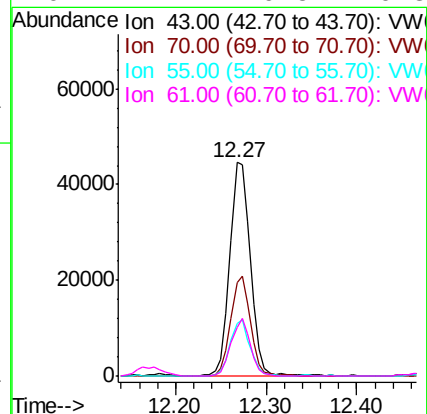
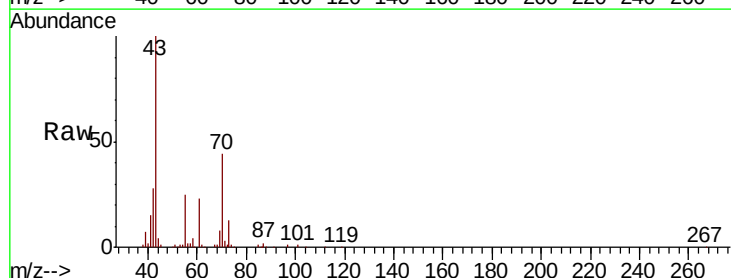
Ion Ratio Lower Upper

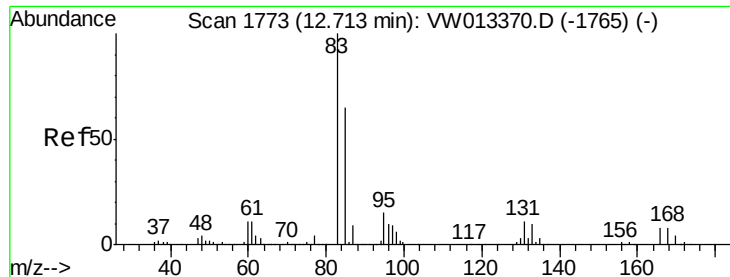
43 100

70 44.8 35.1 52.7

55 25.5 19.9 29.9

61 24.7 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.997 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

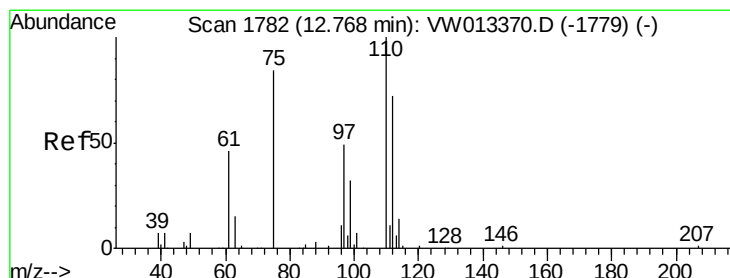
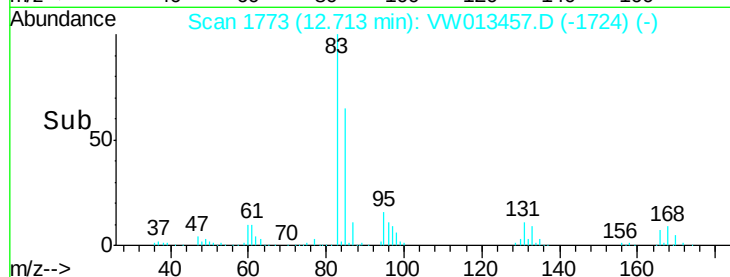
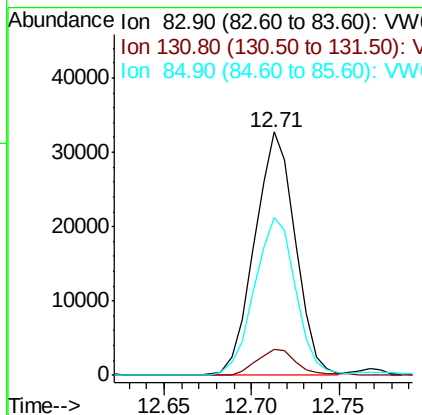
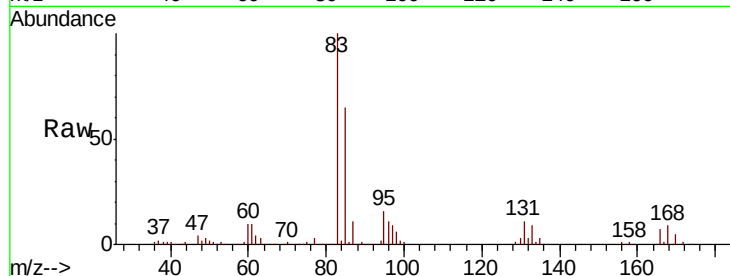
ClientSampleId :

VW1007SBS01

Tot Ion:	83	Resp:	52897
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	65.6	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 31.019 ug/l m

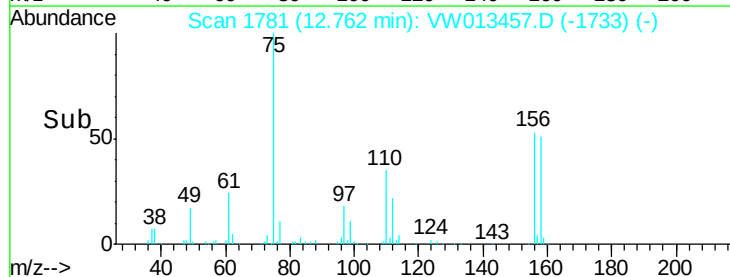
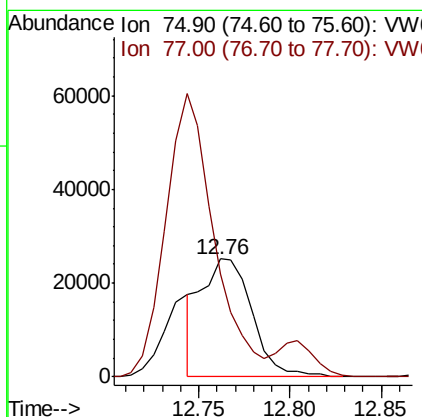
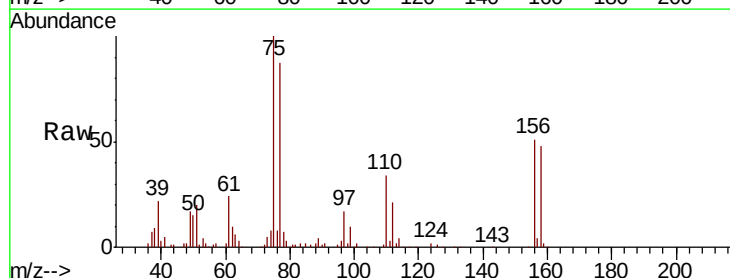
RT: 12.76 min Scan# 1781

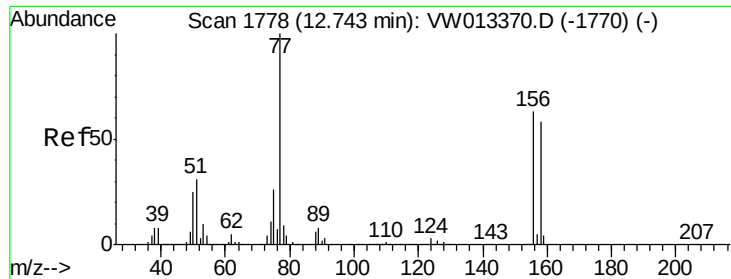
Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion:	75	Resp:	49085
Ion Ratio	Lower	Upper	
75	100		
77	227.9	0.0	0.0#





#77

Bromobenzene

Concen: 20.340 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

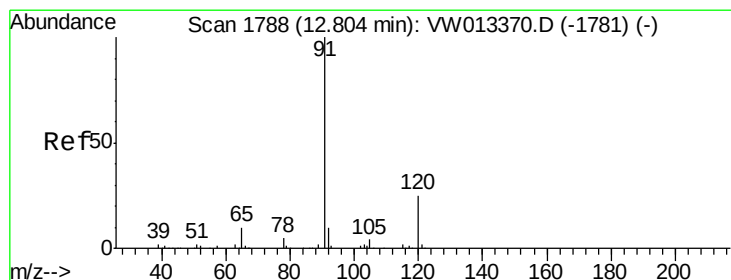
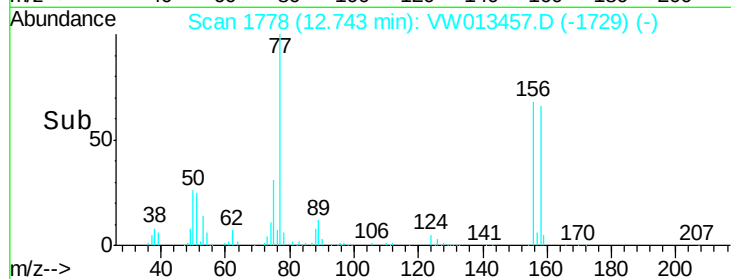
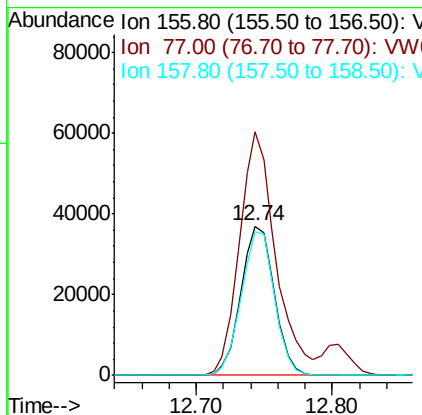
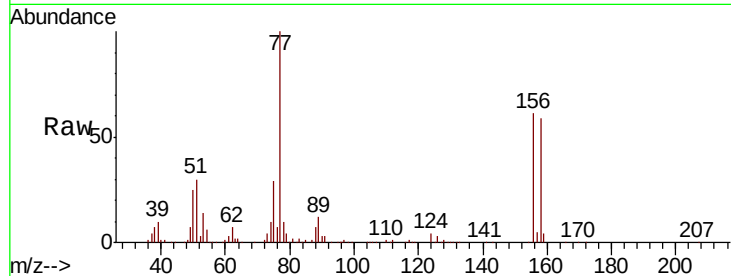
ClientSampleId :

VW1007SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	175.9	85.7	257.1
158	95.6	48.1	144.4

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#78

n-propylbenzene

Concen: 20.673 ug/l

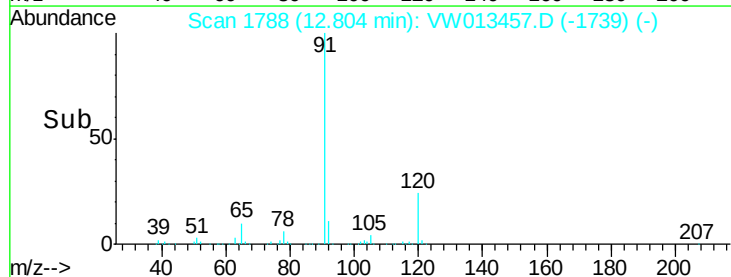
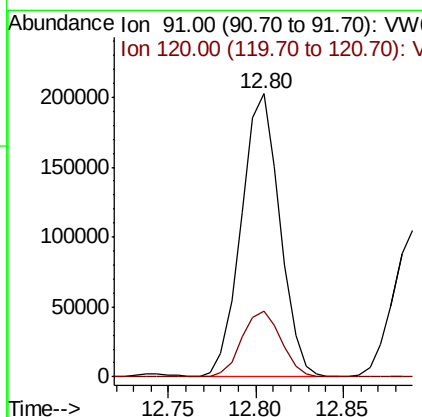
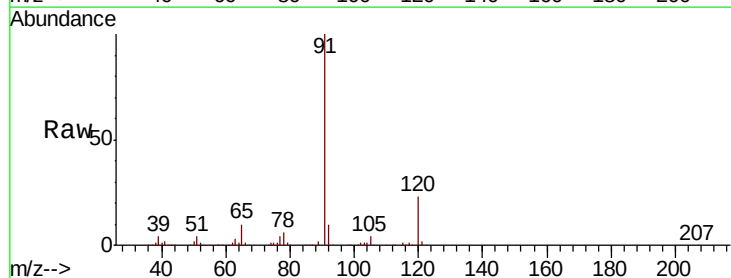
RT: 12.80 min Scan# 1788

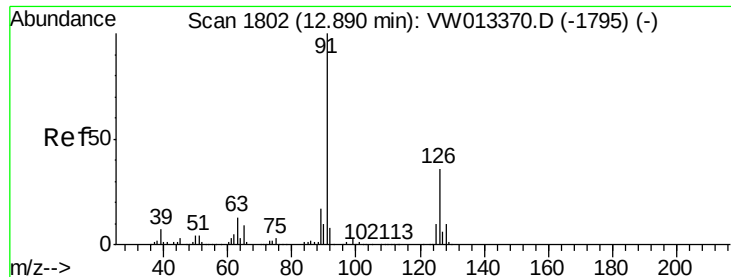
Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.620 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

VW1007SBS01

Tot Ion: 91 Resp: 171571

Ion Ratio Lower Upper

91 100

126 35.3

17.2

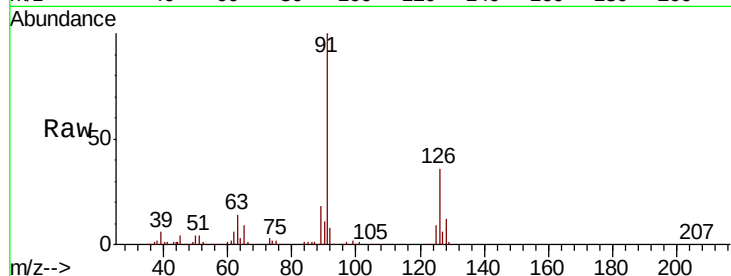
51.5

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

150000

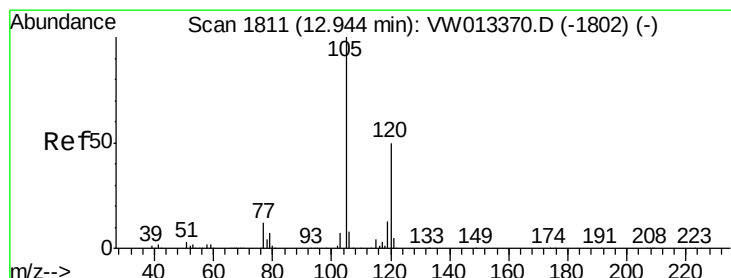
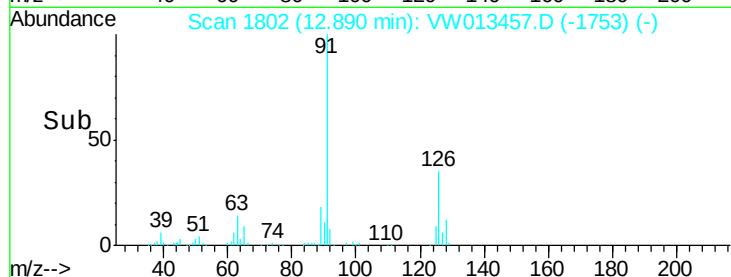
100000

50000

0

12.85 12.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.646 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion:105 Resp: 223360

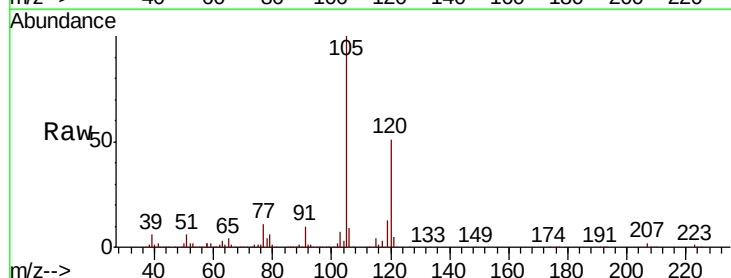
Ion Ratio Lower Upper

105 100

120 50.6

24.9

74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

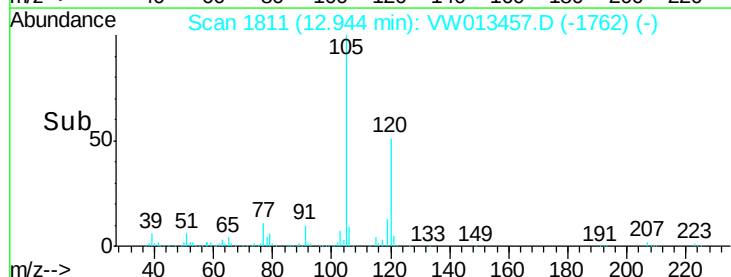
100000

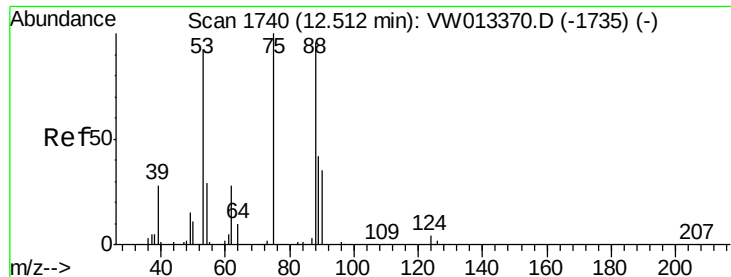
50000

0

12.90 13.00

Time-->





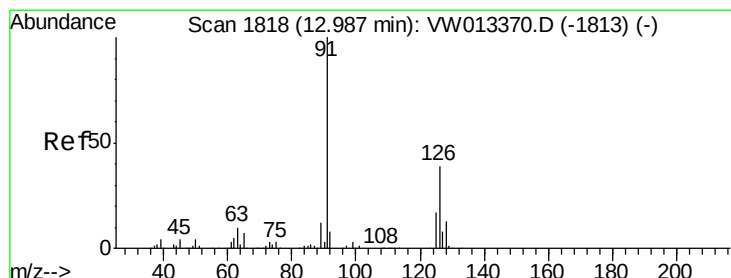
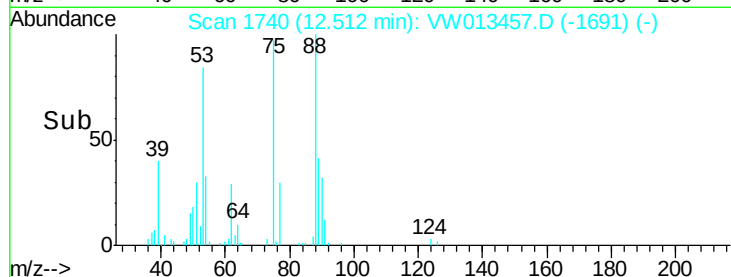
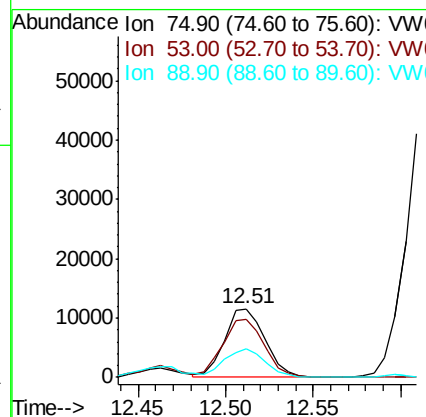
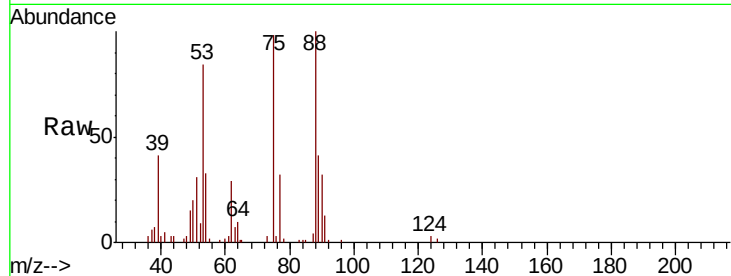
#81
trans-1,4-Dichloro-2-butene
Concen: 27.041 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.1	76.6	114.8
89	41.4	33.5	50.3

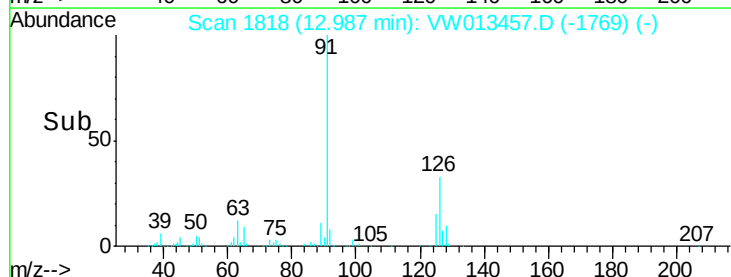
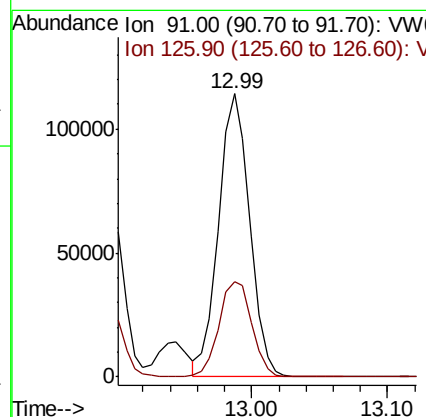
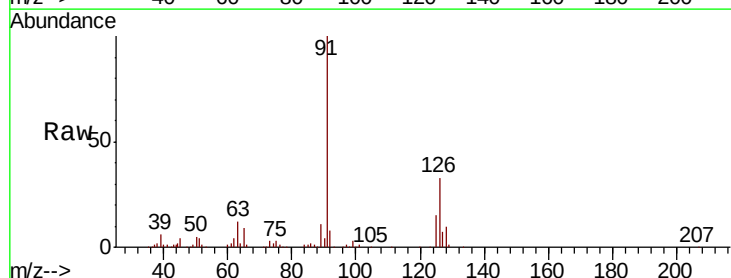
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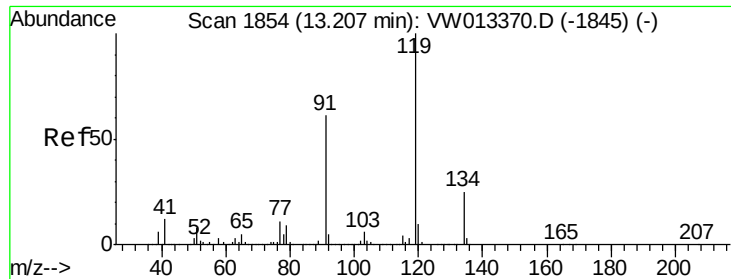
MMDadoda
10/8/2019 1:31:11 PM



#82
4-Chlorotoluene
Concen: 20.735 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.3	51.7





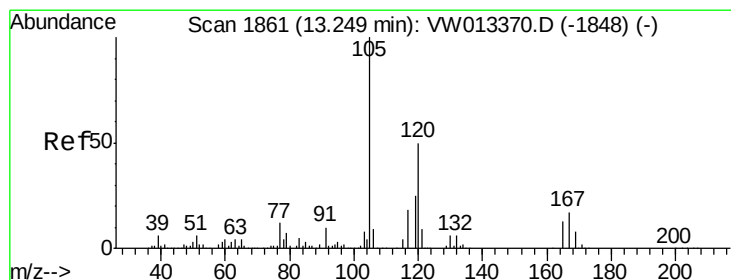
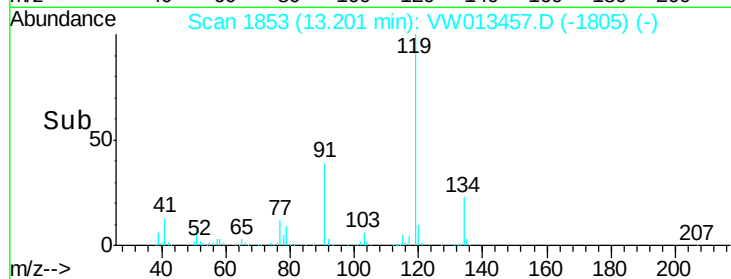
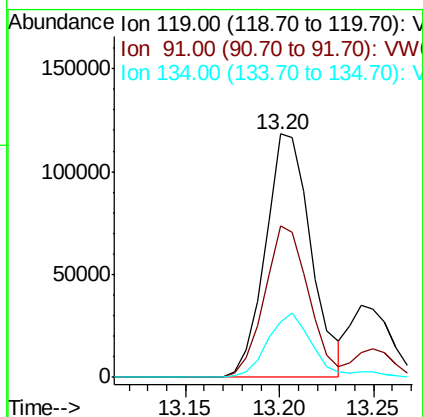
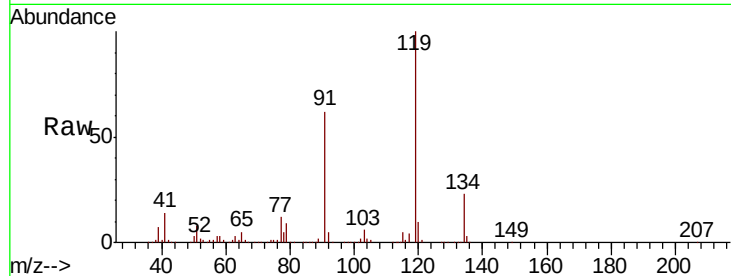
#83
 tert-Butylbenzene
 Concen: 21.011 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	30.7	92.1
134	25.3	12.6	37.6

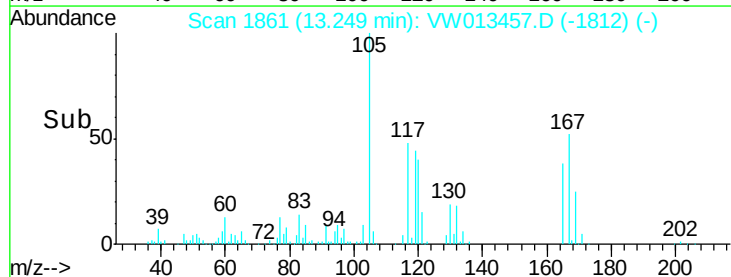
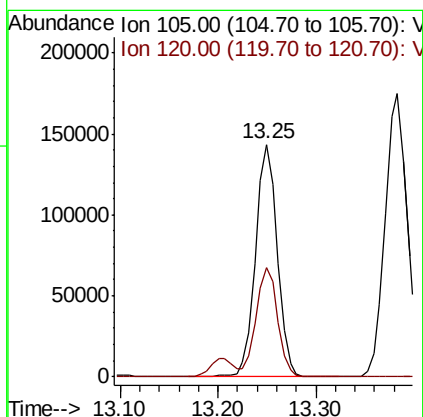
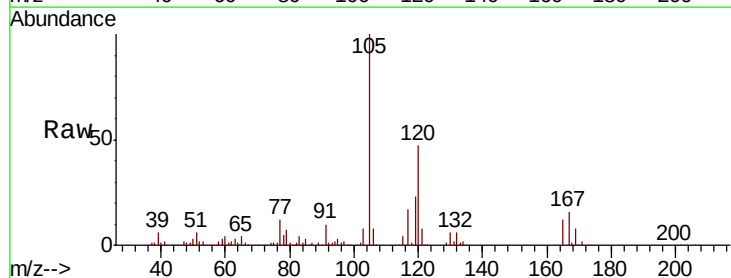
Manual Integrations
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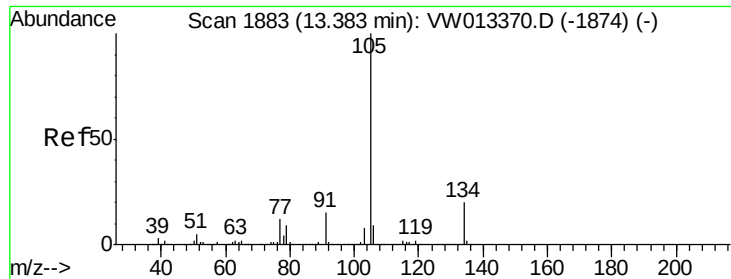
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 10/8/2019 1:31:11 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.591 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.3





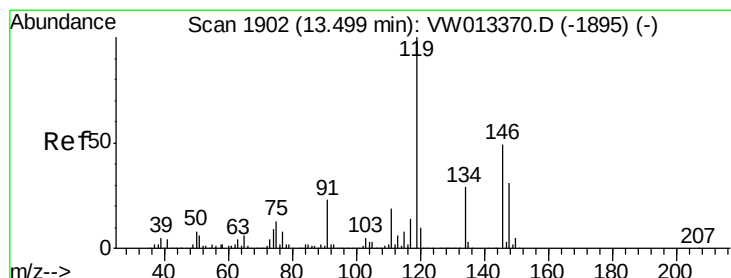
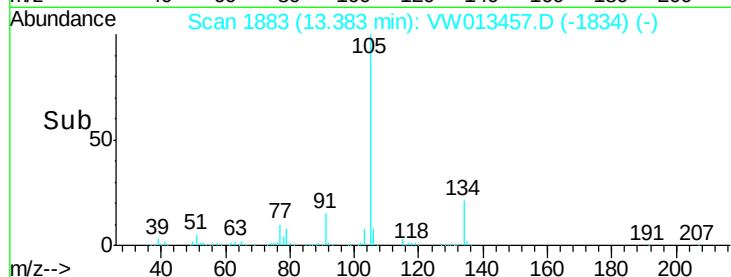
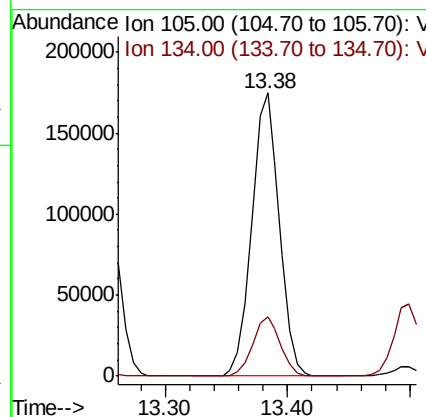
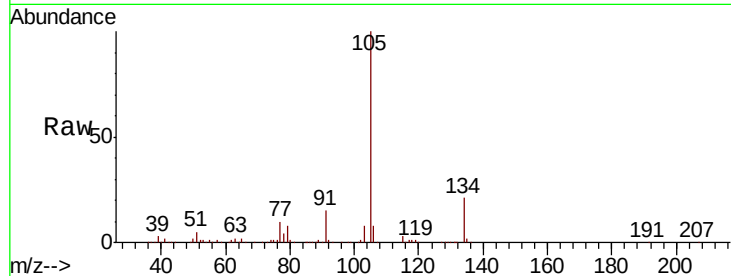
#85
 sec-Butylbenzene
 Concen: 20.913 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.3	30.8

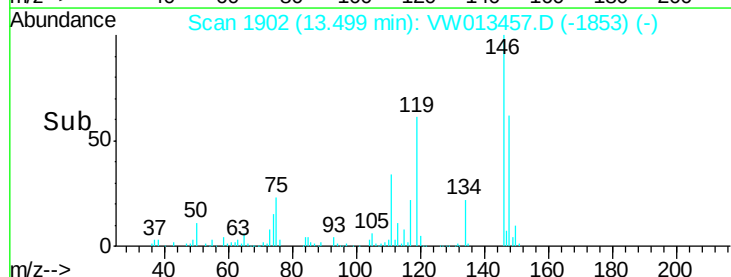
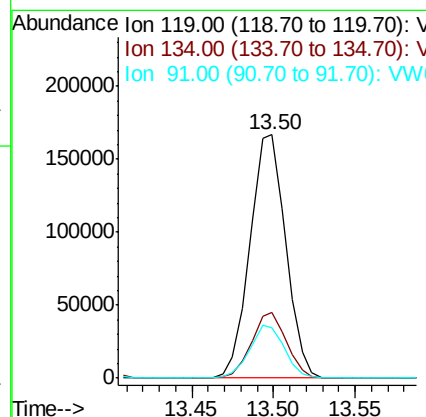
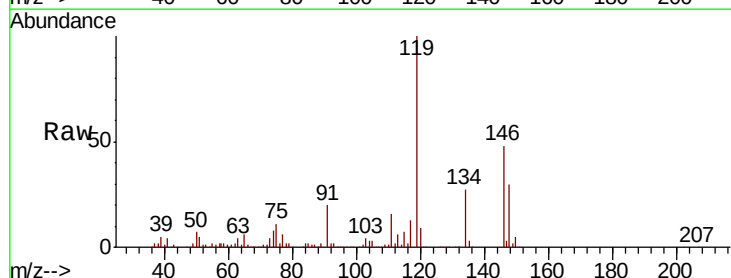
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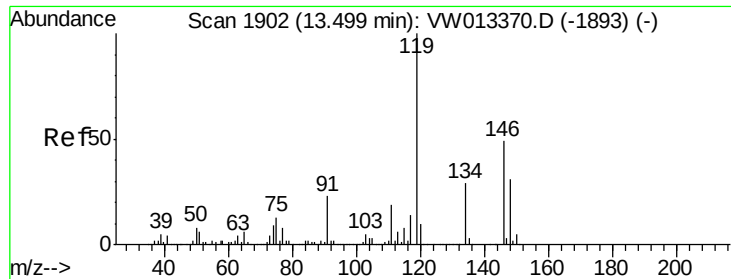
MMDadoda
 10/8/2019 1:31:11 PM



#86
 p-Isopropyltoluene
 Concen: 21.120 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.8
91	21.1	10.8	32.4





#87

1,3-Dichlorobenzene

Concen: 21.190 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

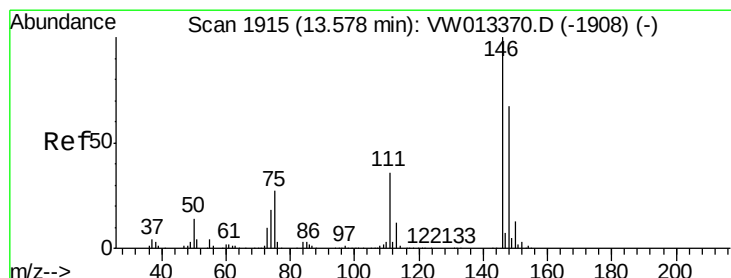
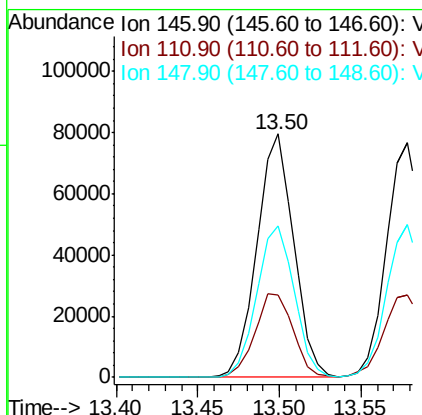
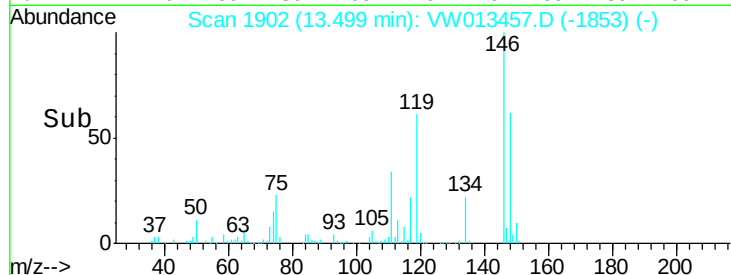
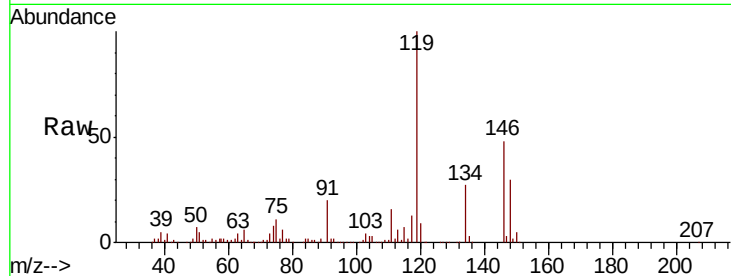
ClientSampleId :

VW1007SBS01

Tot Ion:	146	Resp:	124666
Ion Ratio	Lower	Upper	
146	100		
111	36.0	18.9	56.9
148	63.6	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.470 ug/l

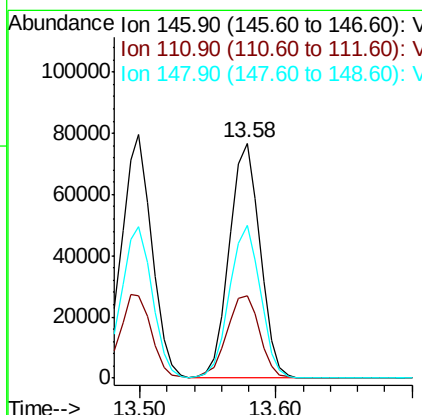
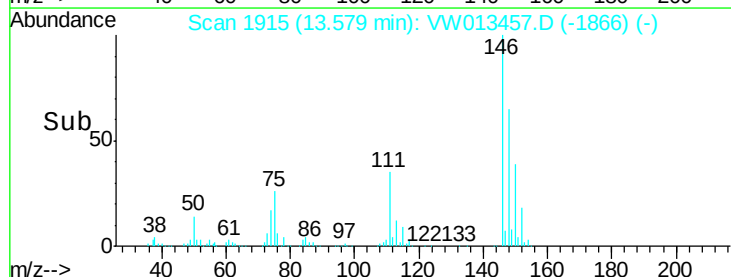
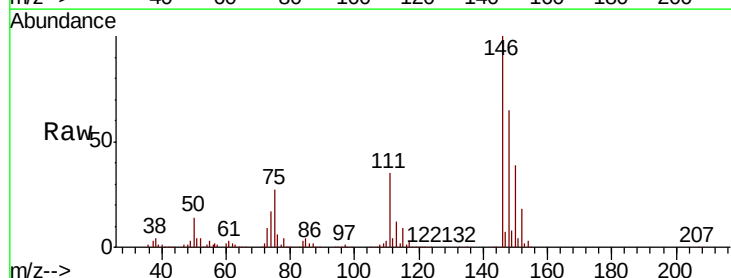
RT: 13.58 min Scan# 1915

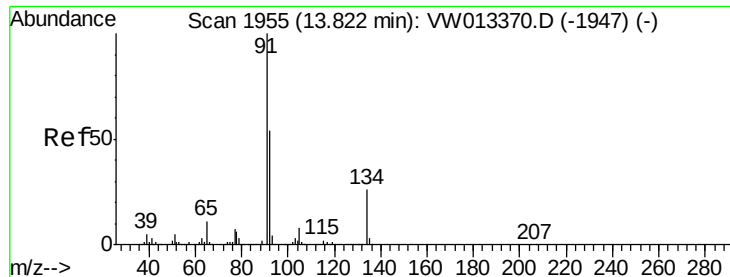
Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion:	146	Resp:	120583
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.4	55.0
148	65.8	32.1	96.3





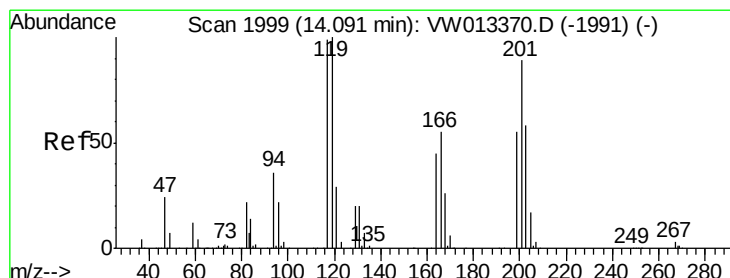
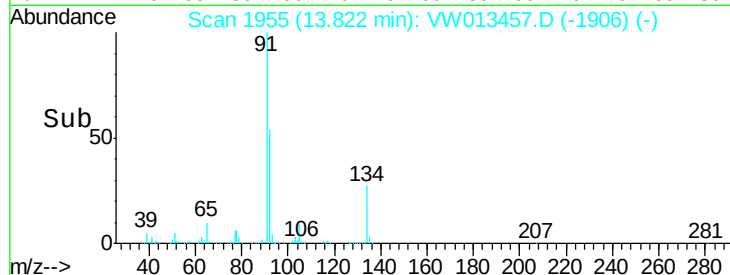
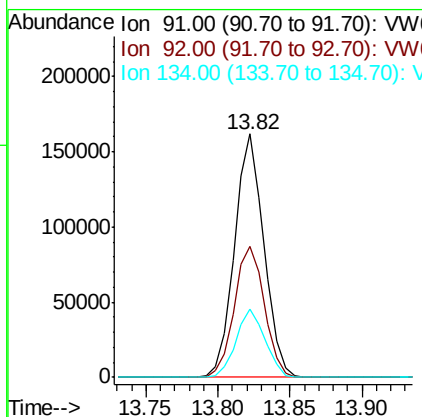
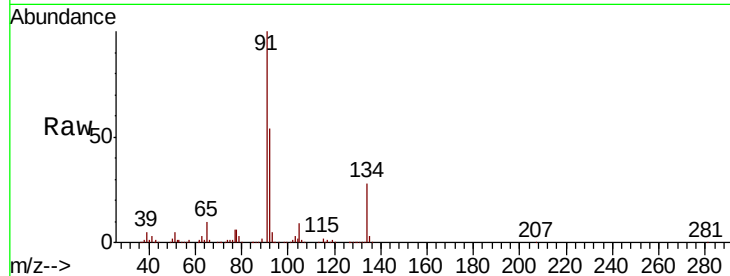
#89
n-Butylbenzene
Concen: 21.164 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.6	82.8
134	27.7	13.7	41.1

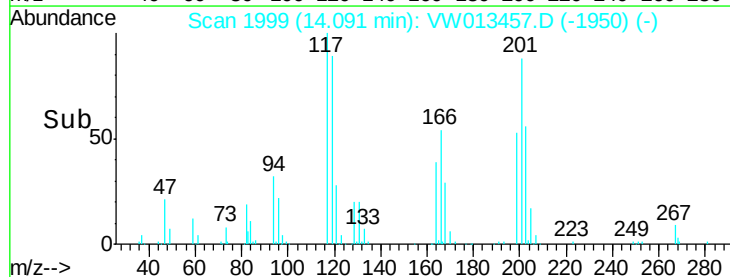
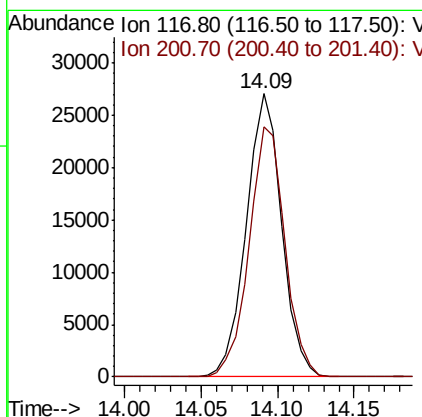
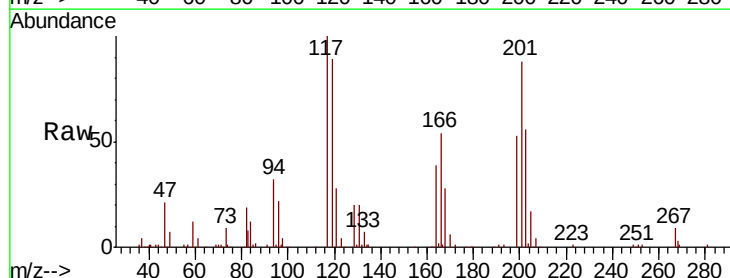
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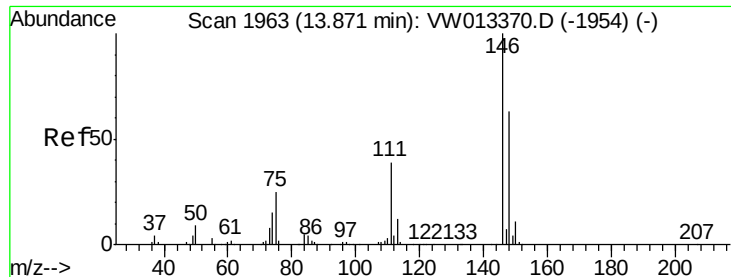
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#90
Hexachloroethane
Concen: 21.798 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.5	133.5





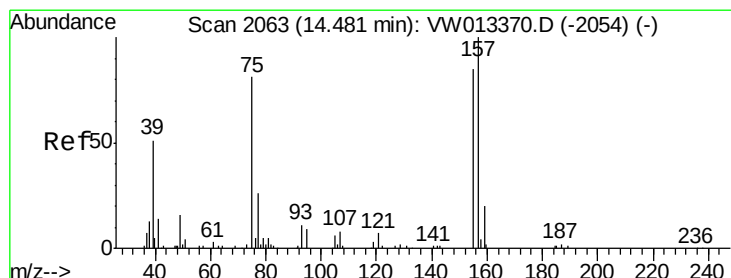
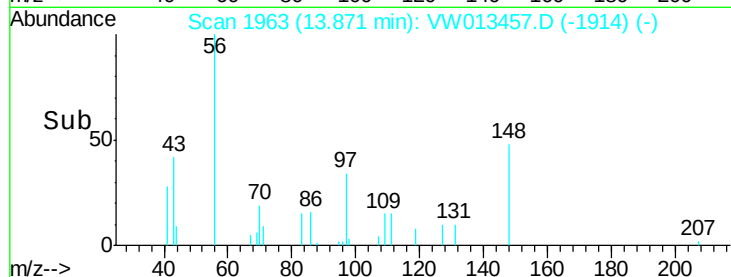
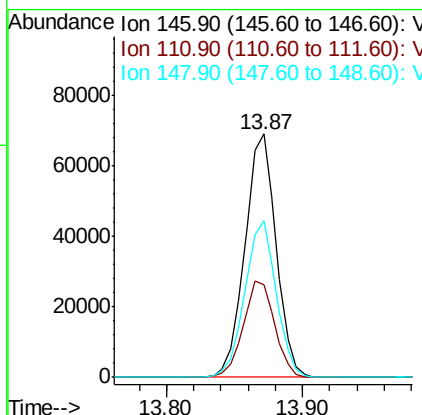
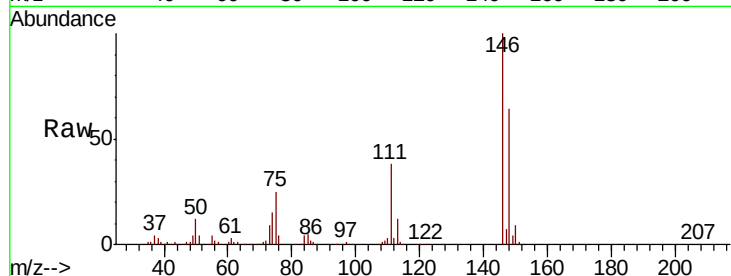
#91
 1,2-Dichlorobenzene
 Concen: 21.273 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.3
148	64.8	32.0	96.0

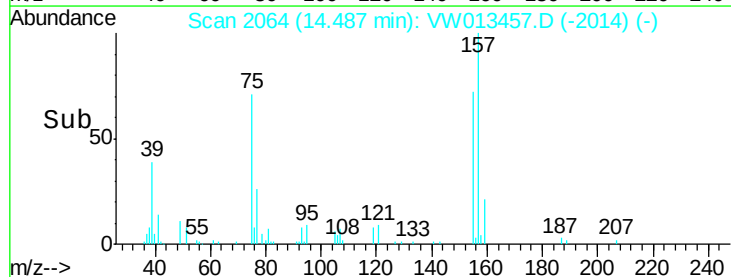
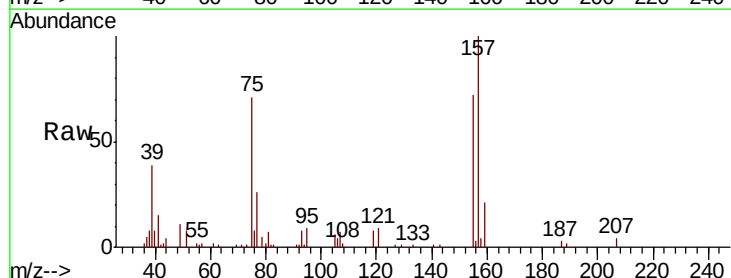
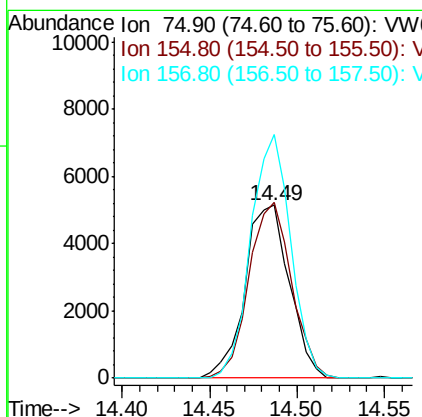
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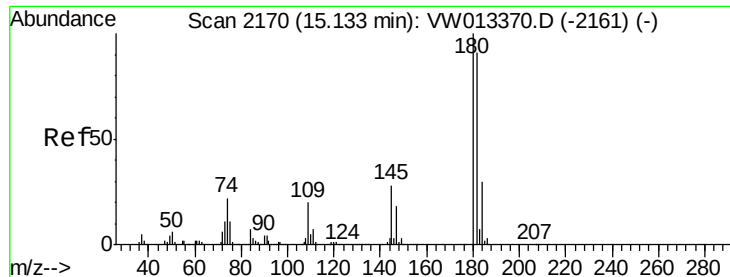
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 10/8/2019 1:31:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 27.582 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	46.1	138.3
157	126.3	60.4	181.2





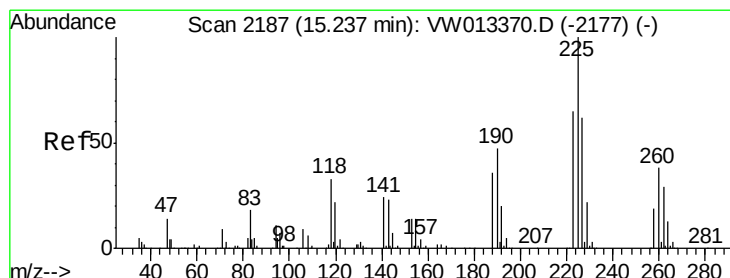
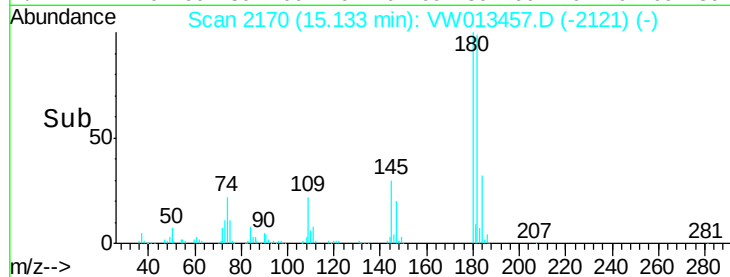
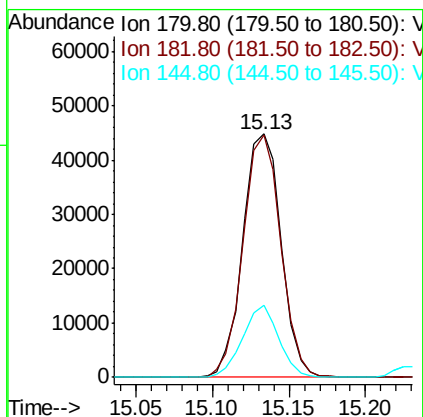
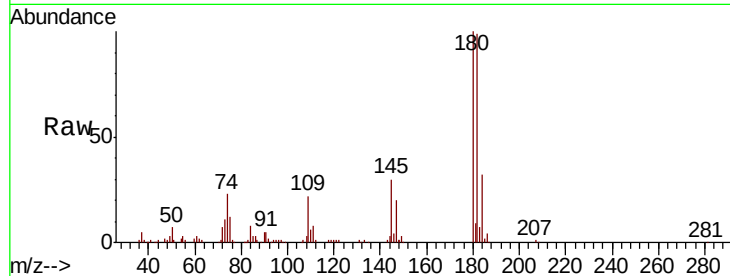
#93
 1,2,4-Trichlorobenzene
 Concen: 20.920 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.3	142.0
145	28.2	14.2	42.8

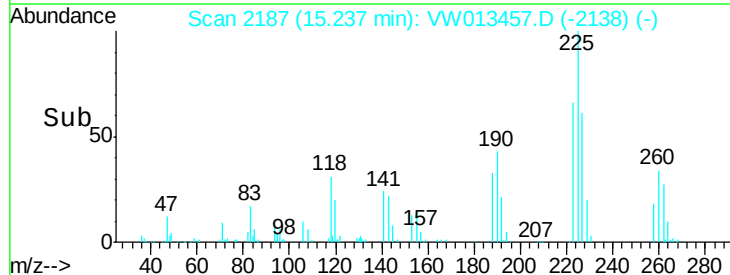
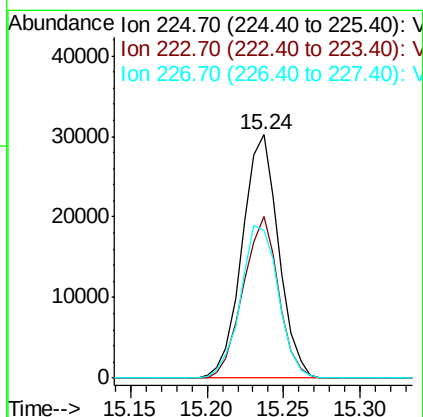
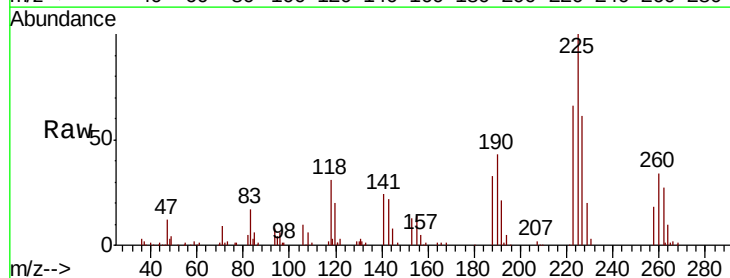
Manual Integrations
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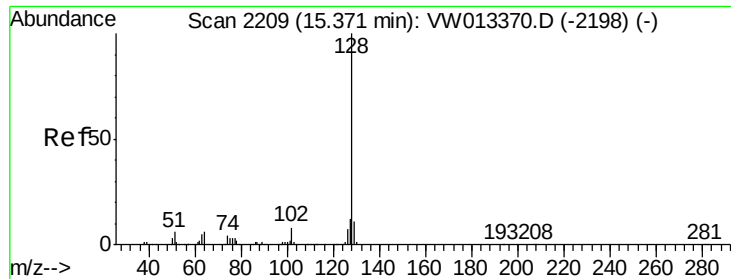
MMDadoda
 10/8/2019 1:31:11 PM



#94
 Hexachlorobutadiene
 Concen: 20.612 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.6	91.8
227	64.9	31.9	95.9





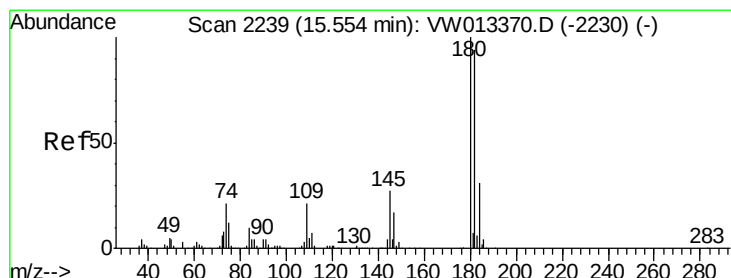
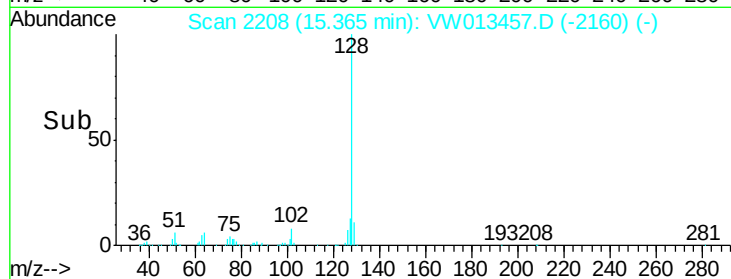
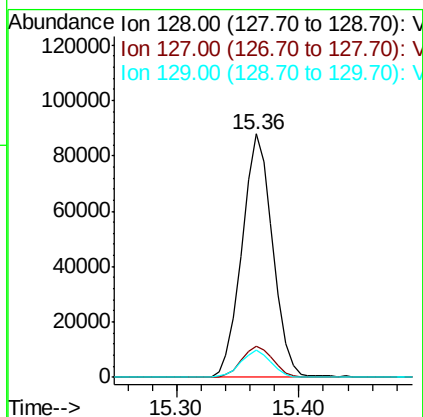
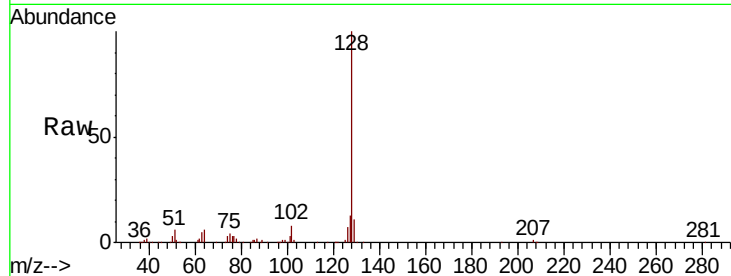
#95
Naphthalene
Concen: 24.269 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	152805		
127	13.2		10.6	15.8
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2019 1:31:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.743 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70856		
182	94.7		47.9	143.7
145	29.3		15.0	45.0

