

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007020.D
 Acq On : 22 Nov 2018 02:02
 Operator : VAY/AP
 Sample : VW1122SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:52 PM

Quant Time: Nov 22 06:01:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	160812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61842	60.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.32%	
35) Dibromofluoromethane	7.88	113	53372	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
50) Toluene-d8	10.32	98	229583	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	88557	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	24873	23.994	ug/l	97
3) Chloromethane	2.21	50	20456	23.678	ug/l	99
4) Vinyl Chloride	2.36	62	18369	21.611	ug/l	92
5) Bromomethane	2.77	94	10028	22.104	ug/l	89
6) Chloroethane	2.91	64	10201	21.771	ug/l	96
7) Trichlorofluoromethane	3.26	101	35965	21.518	ug/l	98
8) Diethyl Ether	3.68	74	12931	24.010	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	23338	21.538	ug/l	100
10) Methyl Iodide	4.26	142	23282	18.770	ug/l	99
11) Tert butyl alcohol	5.20	59	9222m	137.814	ug/l	
12) 1,1-Dichloroethene	4.04	96	20884	21.975	ug/l	97
13) Acrolein	3.90	56	7671	111.626	ug/l	100
14) Allyl chloride	4.67	41	34570	21.932	ug/l	99
15) Acrylonitrile	5.38	53	23952	118.330	ug/l	99
16) Acetone	4.14	43	18025	120.778	ug/l	96
17) Carbon Disulfide	4.38	76	69025	22.466	ug/l	99
18) Methyl Acetate	4.67	43	12719	23.932	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	61362	24.728	ug/l	100
20) Methylene Chloride	4.92	84	28175	20.504	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	25218	22.779	ug/l	93
22) Diisopropyl ether	6.31	45	71701	23.371	ug/l	97
23) Vinyl Acetate	6.26	43	197216	121.048	ug/l	100
24) 1,1-Dichloroethane	6.21	63	41359	22.160	ug/l	98
25) 2-Butanone	7.17	43	29970	117.249	ug/l	99
26) 2,2-Dichloropropane	7.17	77	35429	21.109	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	26773	22.710	ug/l	99
28) Bromochloromethane	7.51	49	15145	21.711	ug/l #	98
29) Tetrahydrofuran	7.54	42	19293	116.542	ug/l	99
30) Chloroform	7.68	83	43895	22.137	ug/l	94
31) Cyclohexane	7.95	56	44807	22.633	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	41680	23.337	ug/l	99
36) 1,1-Dichloropropene	8.09	75	37923	22.633	ug/l	100
37) Ethyl Acetate	7.26	43	14806	24.385	ug/l	97
38) Carbon Tetrachloride	8.07	117	35943	22.402	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43689	20.836	ug/l	97
40) Benzene	8.32	78	101366	22.412	ug/l	100
41) Methacrylonitrile	7.48	41	8752	23.211	ug/l	93
42) 1,2-Dichloroethane	8.40	62	29705	22.622	ug/l	100
43) Isopropyl Acetate	8.42	43	26846	23.202	ug/l	98
44) Trichloroethene	9.09	130	28640	22.589	ug/l	98
45) 1,2-Dichloropropane	9.37	63	25606	22.967	ug/l	100
46) Dibromomethane	9.46	93	12700	22.746	ug/l	99
47) Bromodichloromethane	9.65	83	34221	23.263	ug/l	99
48) Methyl methacrylate	9.44	41	11879	21.292	ug/l	95
49) 1,4-Dioxane	9.48	88	3527	425.014	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	65011	111.181	ug/l	100
52) Toluene	10.39	92	66706	21.672	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	31621	22.190	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	38155	22.162	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	18666	22.723	ug/l	98
56) Ethyl methacrylate	10.65	69	21281	22.318	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32319	23.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	56390	113.172	ug/l	99
59) 2-Hexanone	10.97	43	43183	107.845	ug/l	98
60) Dibromochloromethane	11.13	129	21453	22.919	ug/l	98
61) 1,2-Dibromoethane	11.24	107	17611	23.436	ug/l	98
64) Tetrachloroethene	10.87	164	23331	22.552	ug/l	98
65) Chlorobenzene	11.66	112	72492	21.598	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22938	22.592	ug/l	98
67) Ethyl Benzene	11.73	91	130500	21.165	ug/l	99
68) m/p-Xylenes	11.84	106	104579	43.231	ug/l	99
69) o-Xylene	12.17	106	48861	21.421	ug/l	99
70) Styrene	12.18	104	78154	21.528	ug/l	100
71) Bromoform	12.35	173	11027	23.054	ug/l #	98
73) Isopropylbenzene	12.47	105	133695	21.489	ug/l	100
74) N-amyl acetate	12.27	43	22773	21.839	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	18661	22.537	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	14117m	22.441	ug/l	
77) Bromobenzene	12.75	156	28860	21.597	ug/l	99
78) n-propylbenzene	12.81	91	156903	20.819	ug/l	100
79) 2-Chlorotoluene	12.90	91	92841	21.365	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	114668	21.313	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	5475	21.851	ug/l	94
82) 4-Chlorotoluene	12.99	91	97661	21.416	ug/l	99
83) tert-Butylbenzene	13.21	119	96807	20.783	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	114399	21.342	ug/l	99
85) sec-Butylbenzene	13.39	105	137377	20.876	ug/l	100
86) p-Isopropyltoluene	13.51	119	121686	20.960	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	58728	21.527	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	58727	21.591	ug/l	100
89) n-Butylbenzene	13.83	91	112973	20.678	ug/l	98
90) Hexachloroethane	14.10	117	17727	20.915	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	51400	21.502	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2974	21.267	ug/l	97

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MSVOA_W
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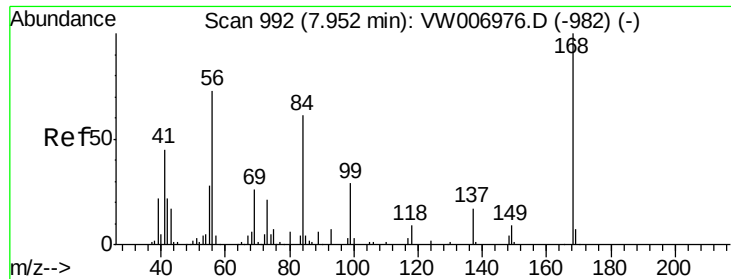
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31965	20.279	ug/l	99
94) Hexachlorobutadiene	15.24	225	17459	20.374	ug/l	99
95) Naphthalene	15.37	128	57875	20.227	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	26942	20.602	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS02

Tot Ion:168 Resp: 104994

Ion Ratio Lower Upper

168 100

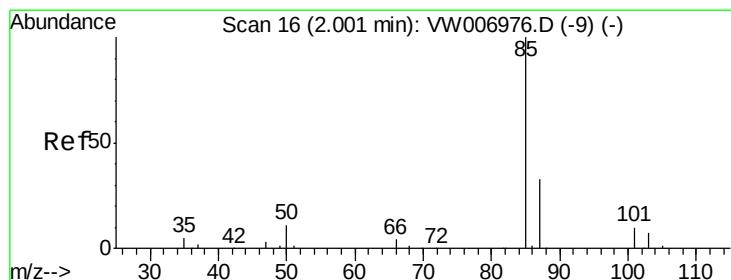
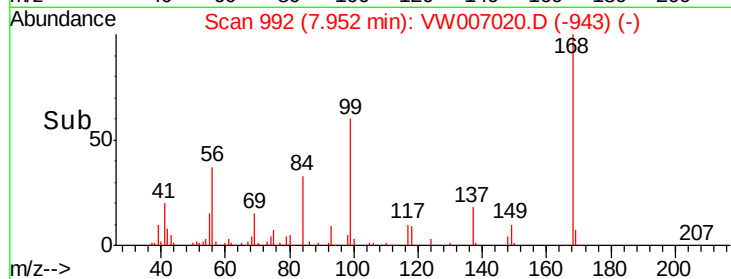
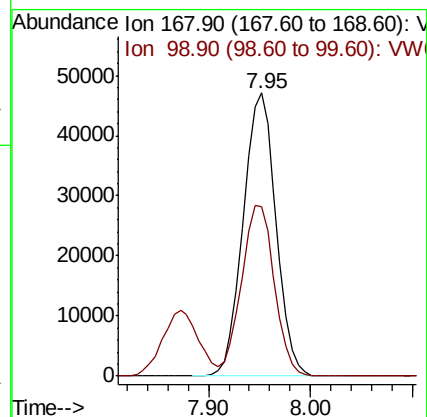
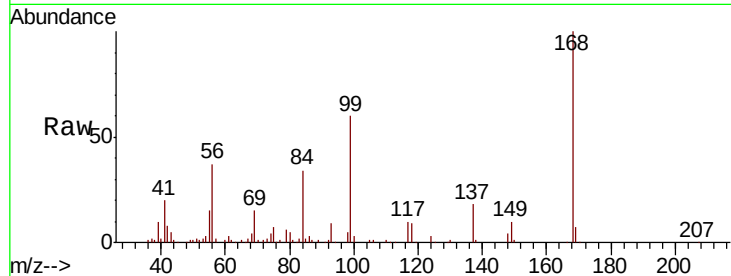
99 60.0 48.2 72.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 23.994 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007020.D

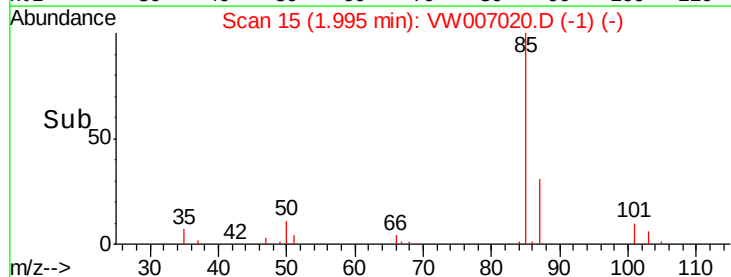
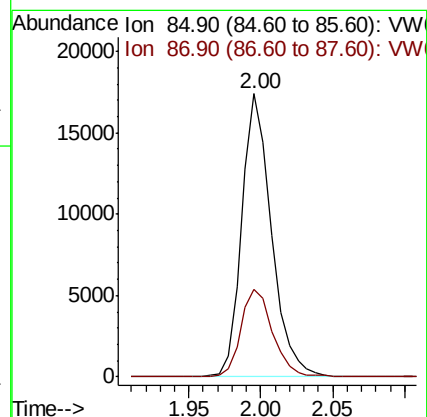
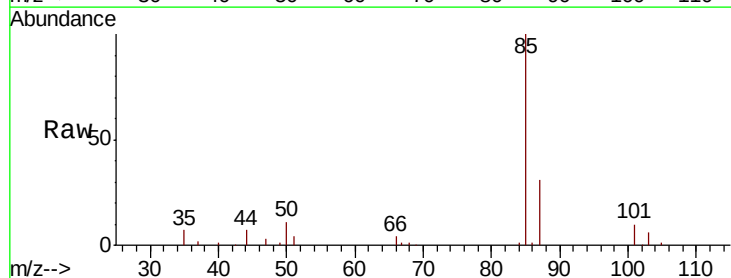
Acq: 22 Nov 2018 02:02

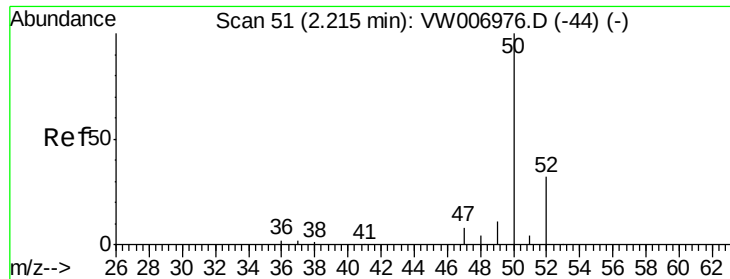
Tgt Ion: 85 Resp: 24873

Ion Ratio Lower Upper

85 100

87 30.8 16.3 48.9





#3

Chloromethane

Concen: 23.678 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS02

Tot Ion: 50 Resp: 20456

Ion Ratio Lower Upper

50 100

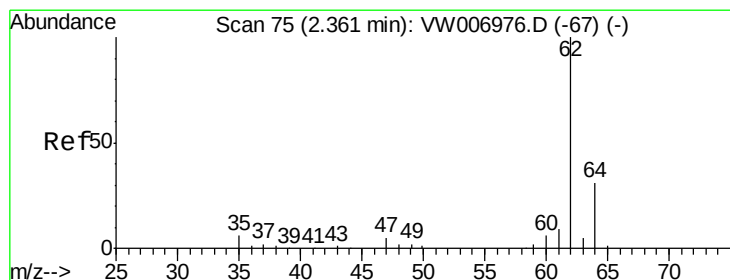
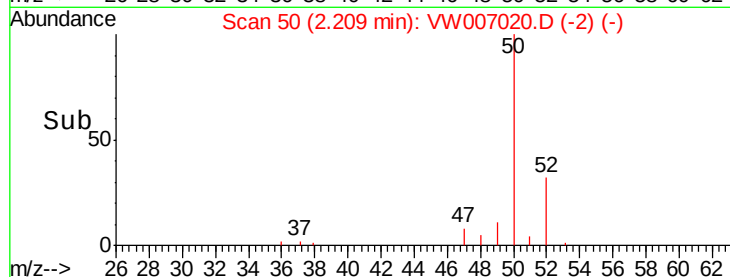
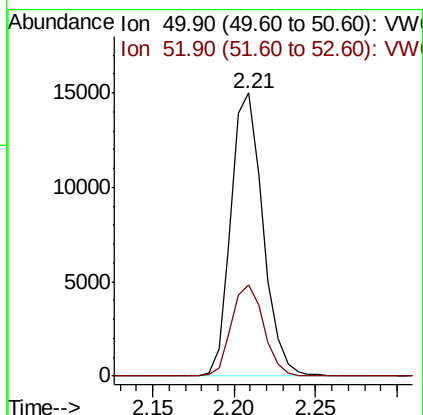
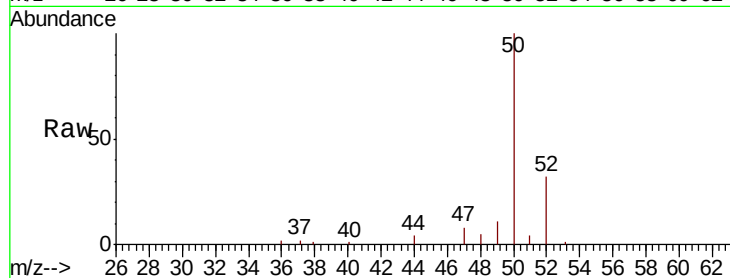
52 32.4 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.611 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007020.D

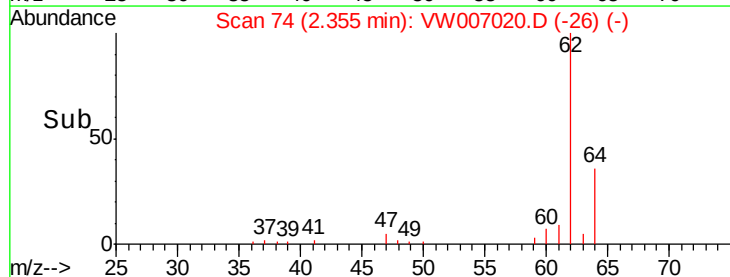
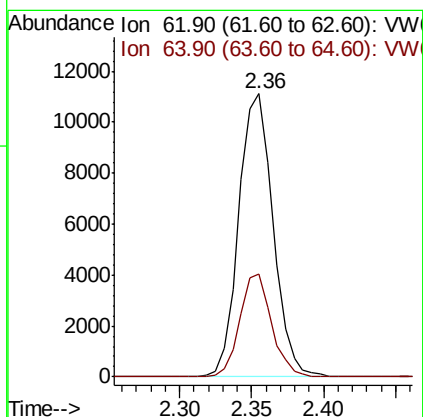
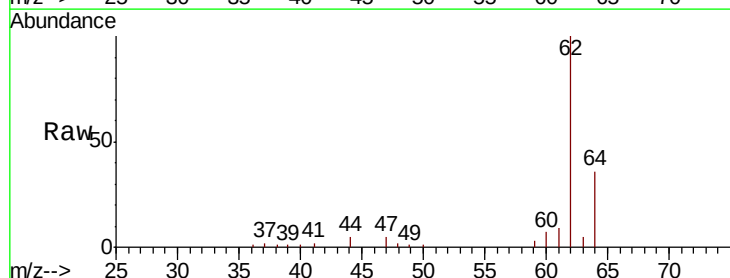
Acq: 22 Nov 2018 02:02

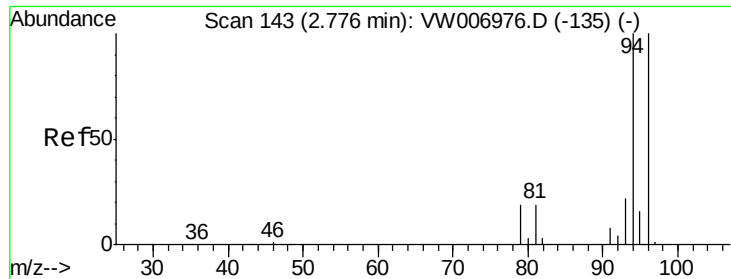
Tgt Ion: 62 Resp: 18369

Ion Ratio Lower Upper

62 100

64 36.2 25.2 37.8





#5

Bromomethane

Concen: 22.104 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS02

Tot Ion: 94 Resp: 10028

Ion Ratio Lower Upper

94 100

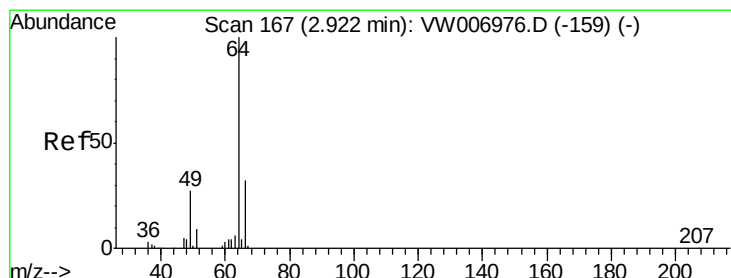
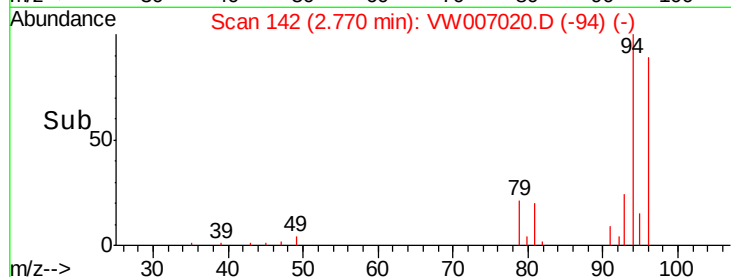
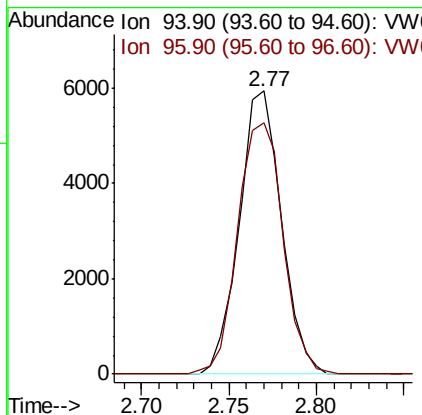
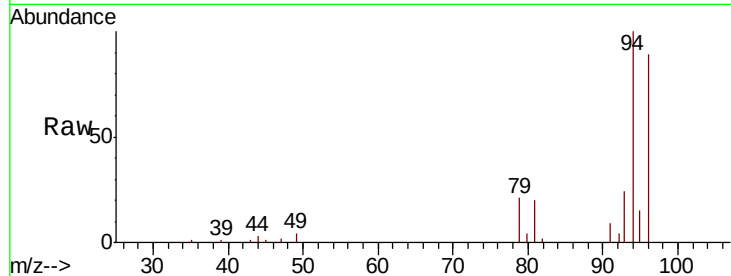
96 88.9 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 21.771 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007020.D

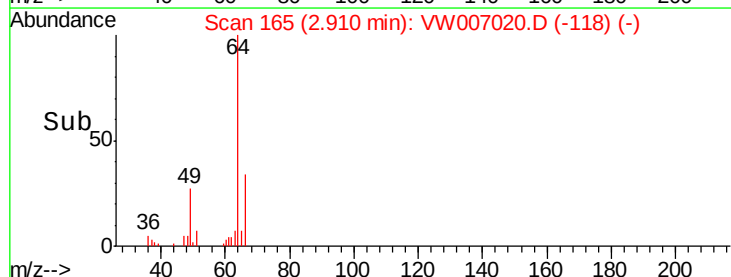
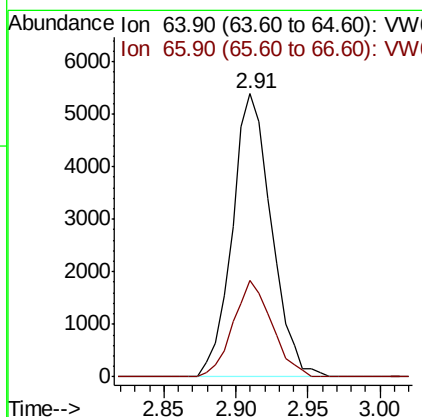
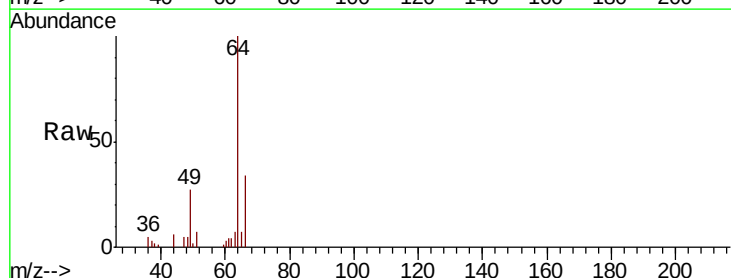
Acq: 22 Nov 2018 02:02

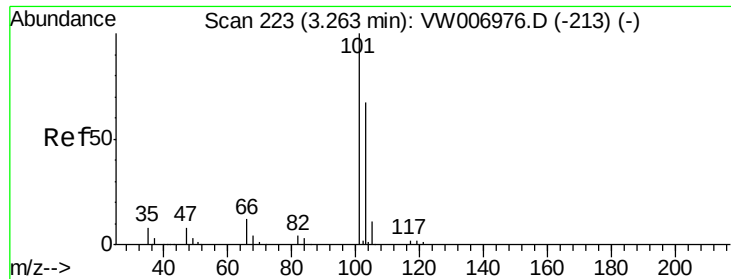
Tgt Ion: 64 Resp: 10201

Ion Ratio Lower Upper

64 100

66 33.9 25.3 37.9





#7

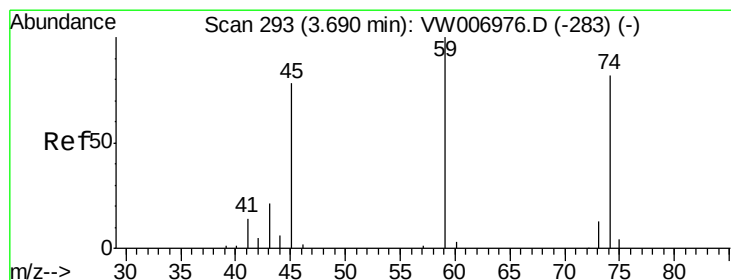
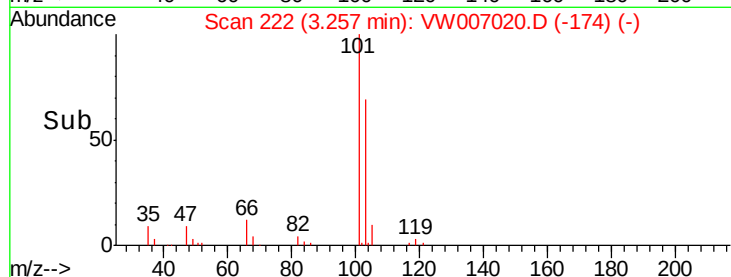
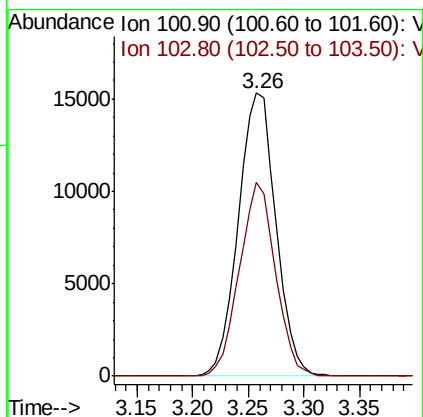
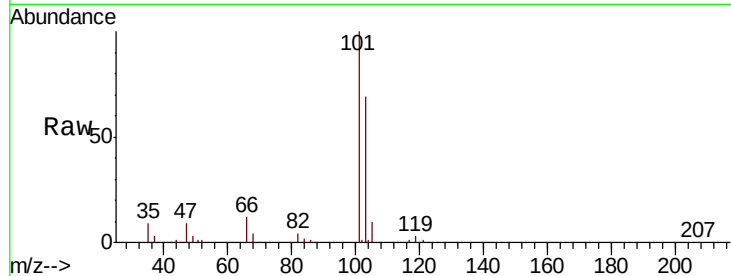
Trichlorofluoromethane
 Concen: 21.518 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
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 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.6	53.4	80.2

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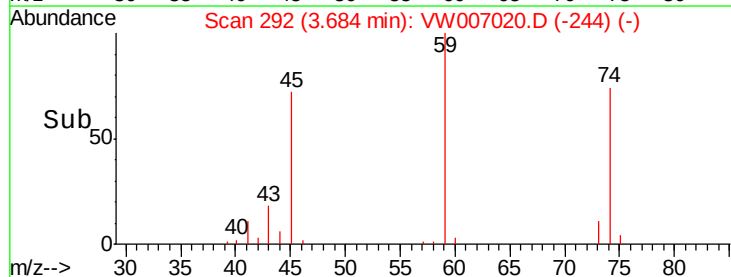
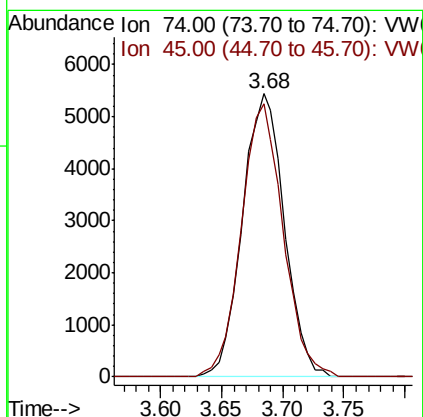
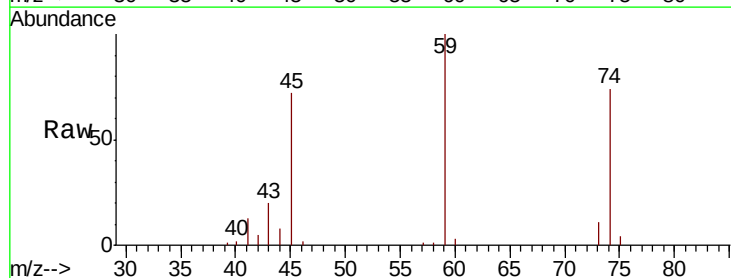
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 11/26/2018 1:04:52 PM

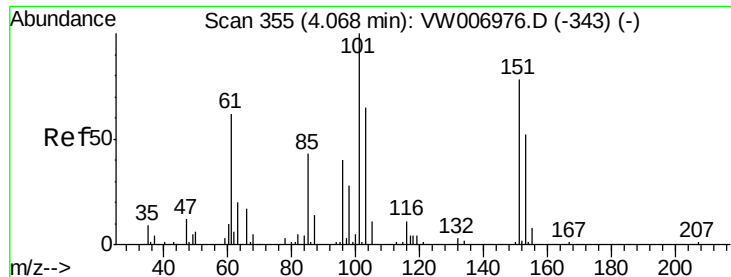


#8

Diethyl Ether
 Concen: 24.010 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.538 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS02

Tot Ion:101 Resp: 23338

Ion Ratio Lower Upper

101 100

85 43.3 34.3 51.5

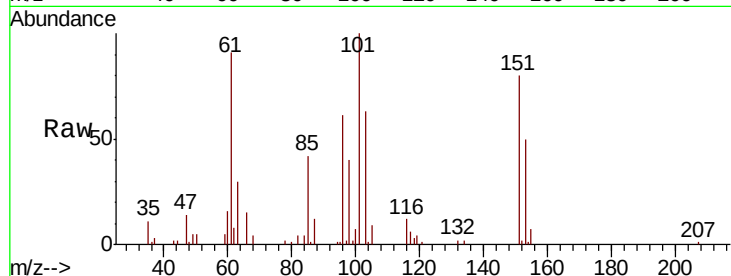
151 79.5 63.4 95.2

Manual Integrations

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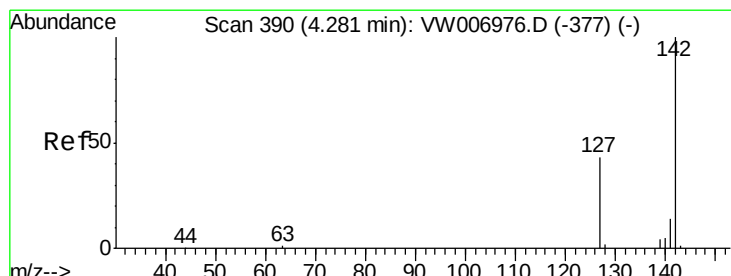
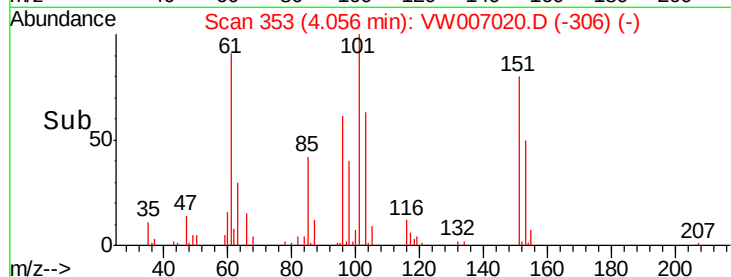
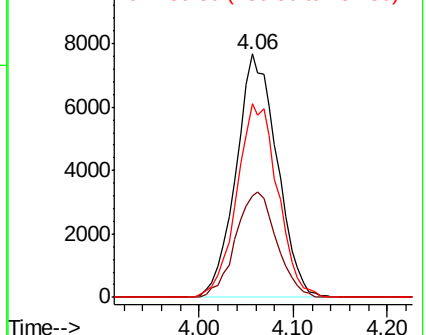


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.770 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.02 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

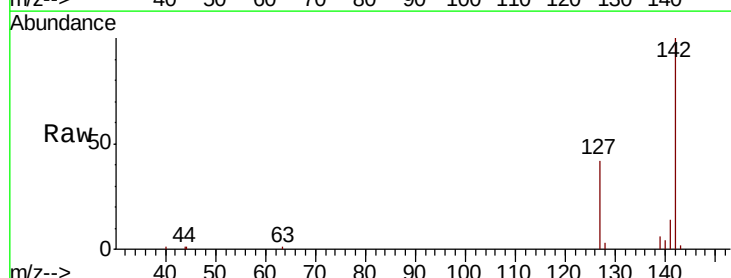
Tgt Ion:142 Resp: 23282

Ion Ratio Lower Upper

142 100

127 43.7 35.3 52.9

141 14.9 11.7 17.5

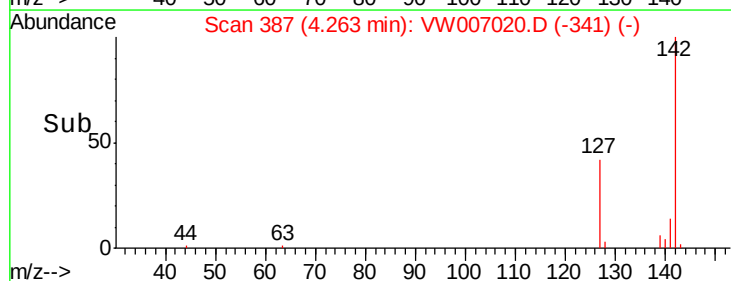
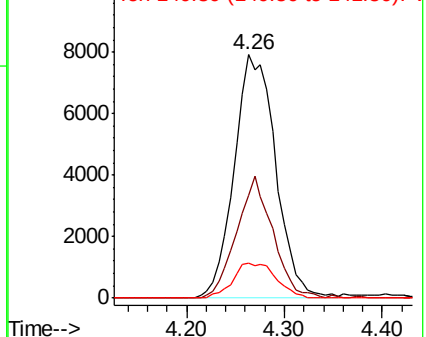


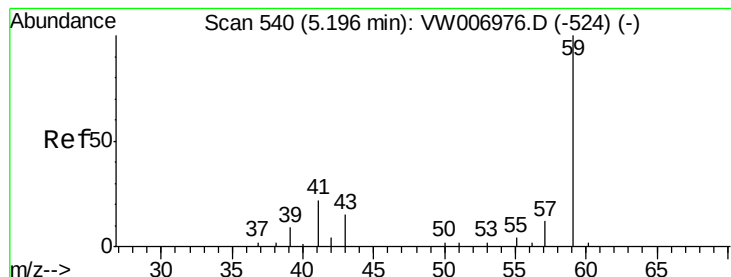
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

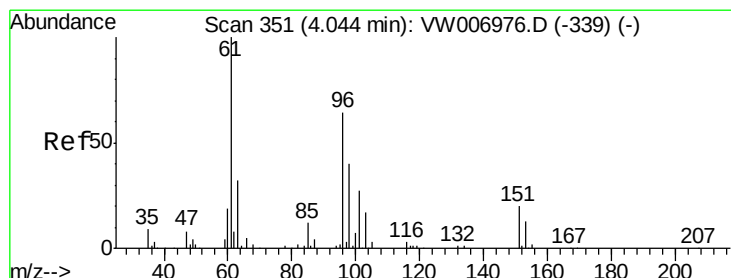
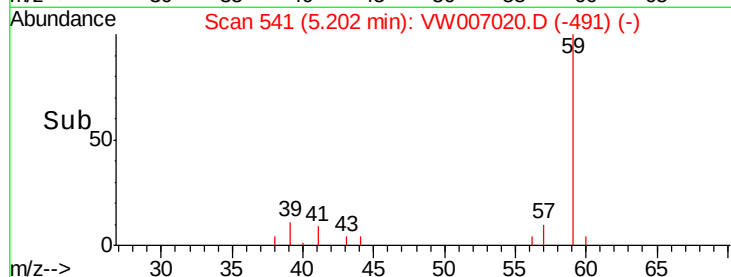
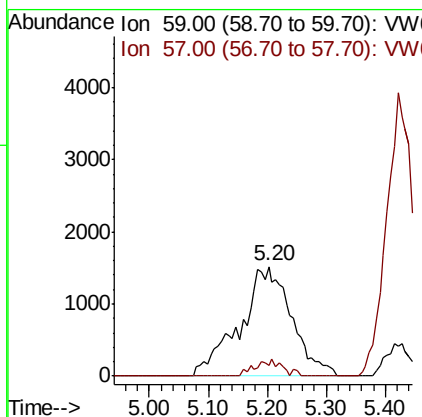
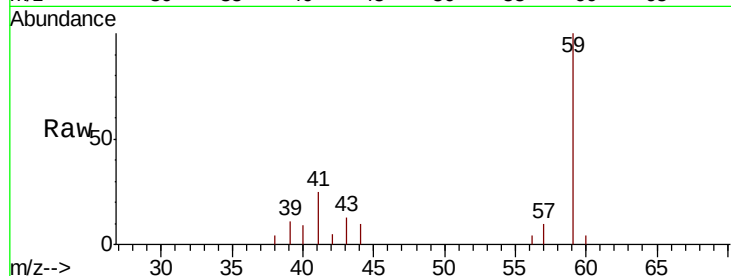
Tert butyl alcohol
 Concen: 137.814 ug/l m
 RT: 5.20 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.1	8.6	13.0#

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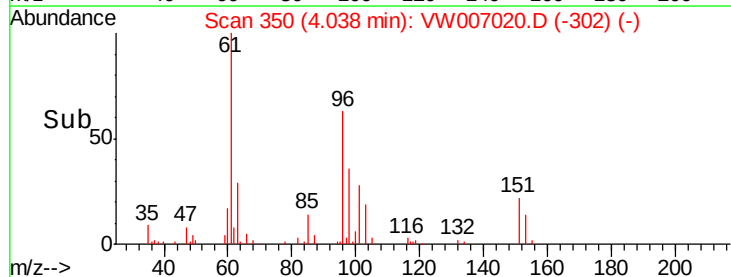
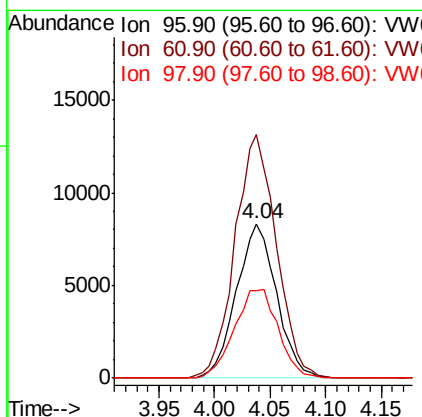
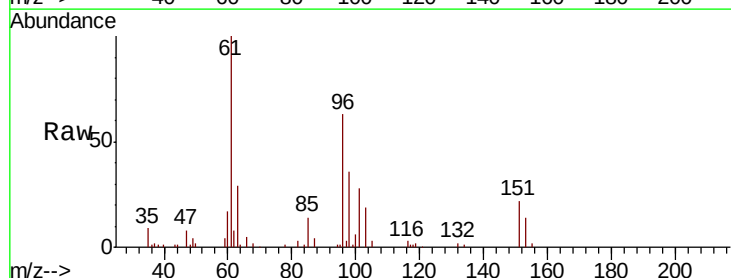
MMDadoda
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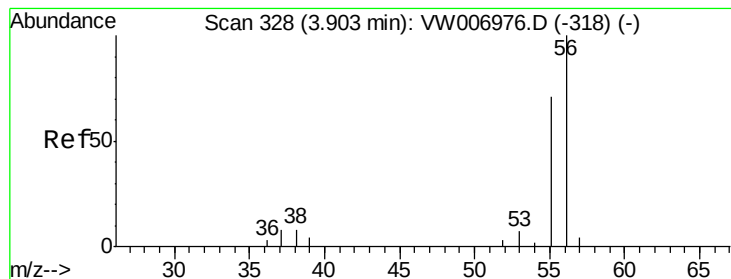


#12

1,1-Dichloroethene
 Concen: 21.975 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	124.3	186.5
98	56.7	49.4	74.2





#13

Acrolein

Concen: 111.626 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS02

Tot Ion: 56 Resp: 7671

Ion Ratio Lower Upper

56 100

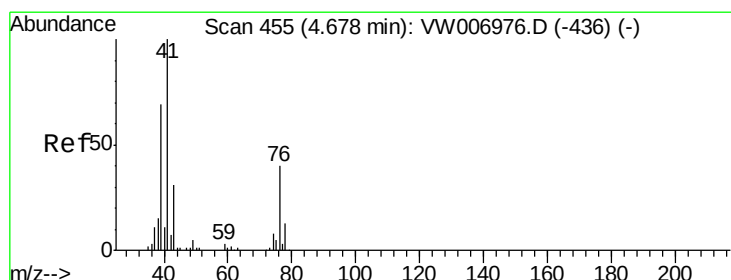
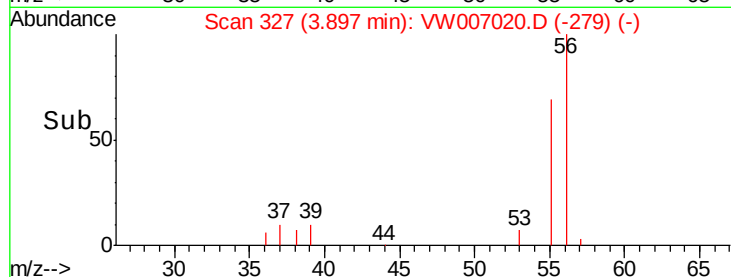
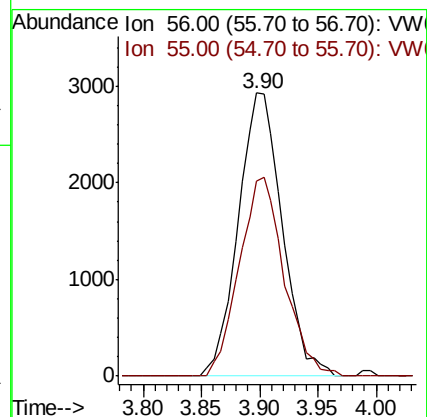
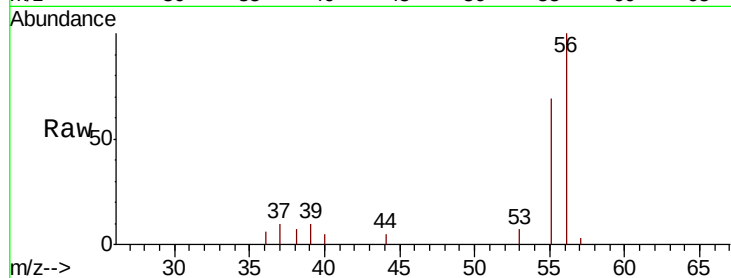
55 71.7 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 21.932 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

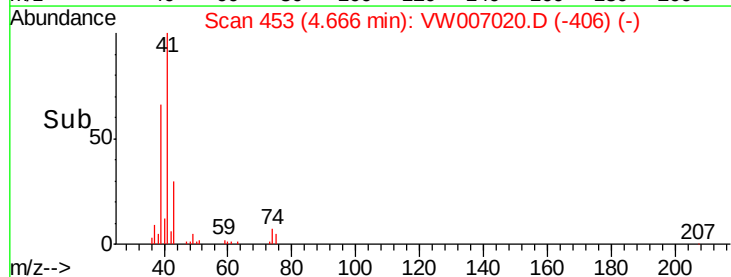
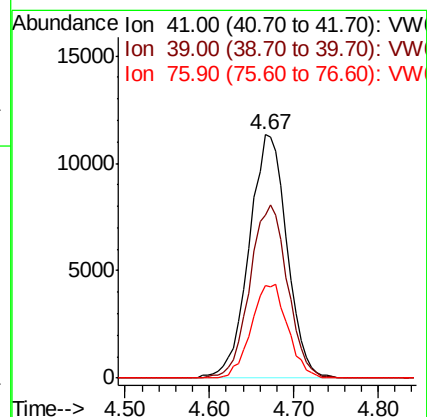
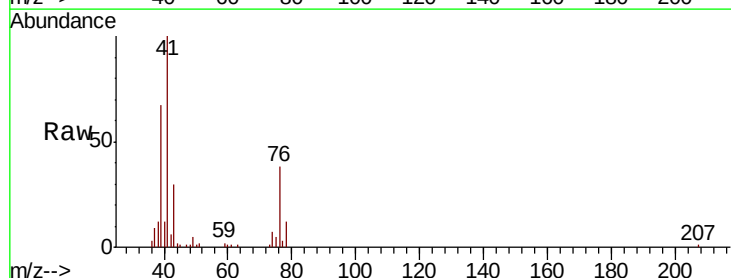
Tgt Ion: 41 Resp: 34570

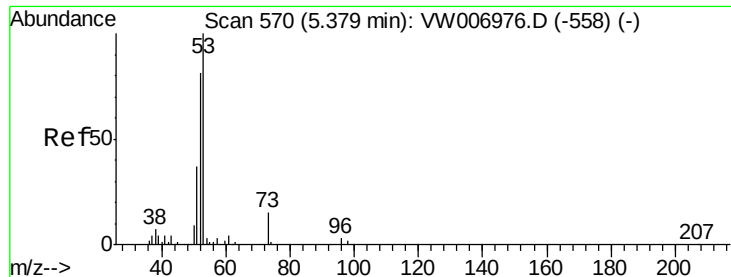
Ion Ratio Lower Upper

41 100

39 71.0 55.4 83.2

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 118.330 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

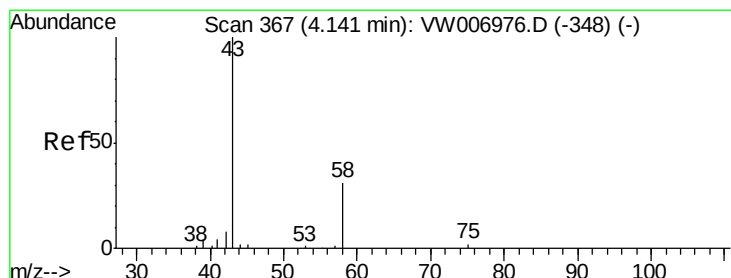
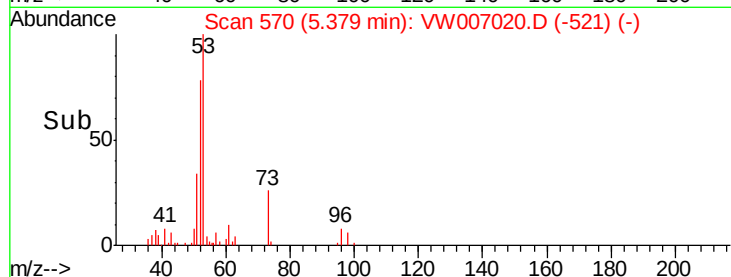
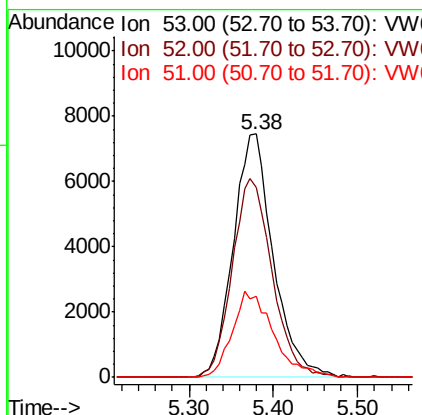
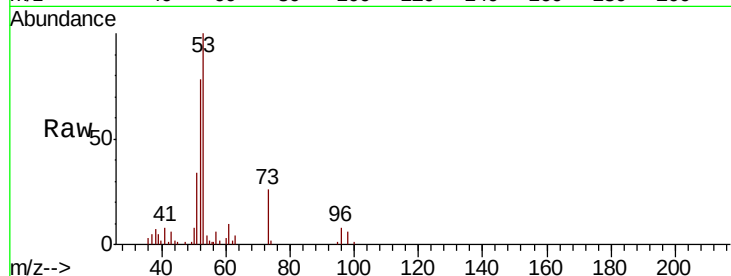
ClientSampleId :

VW1122SBS02

Tot Ion:	53	Resp:	23952
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.7	98.5
51	36.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 120.778 ug/l

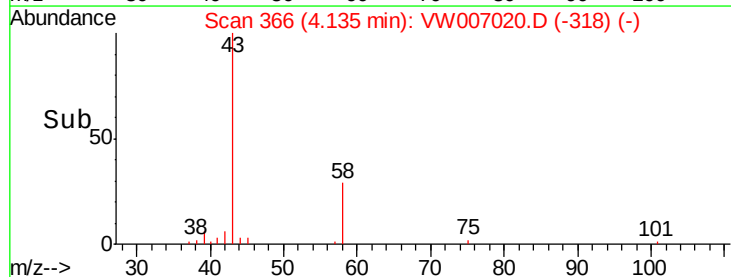
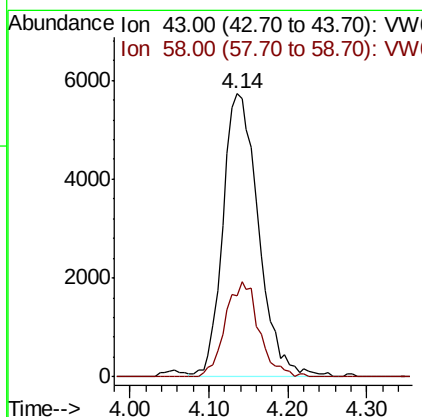
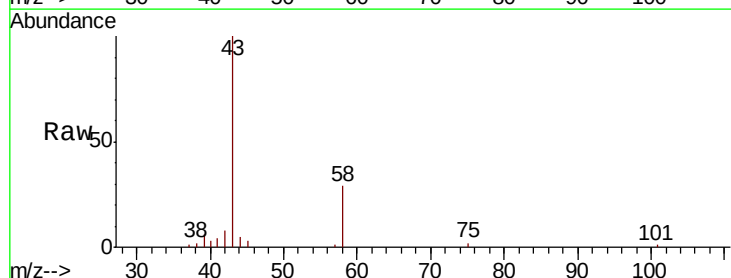
RT: 4.14 min Scan# 366

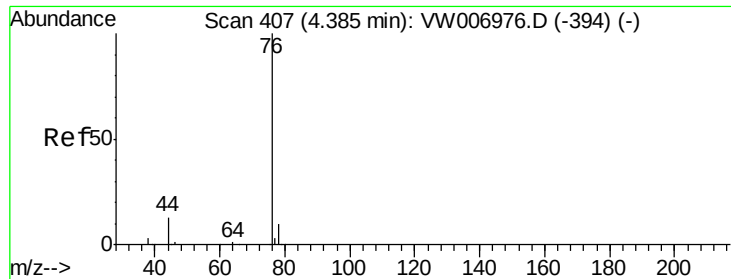
Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Tgt Ion:	43	Resp:	18025
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.8	37.2





#17

Carbon Disulfide

Concen: 22.466 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS02

Tot Ion: 76 Resp: 69025

Ion Ratio Lower Upper

76 100

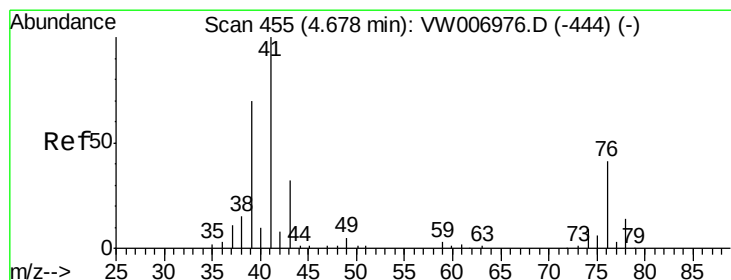
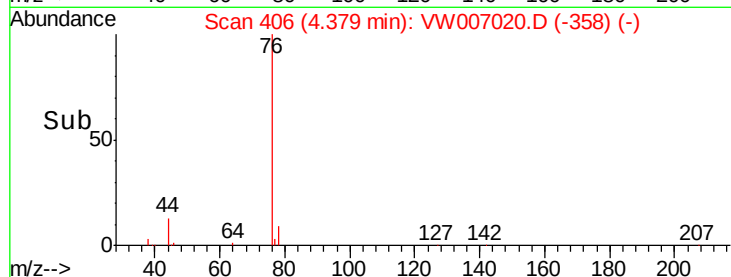
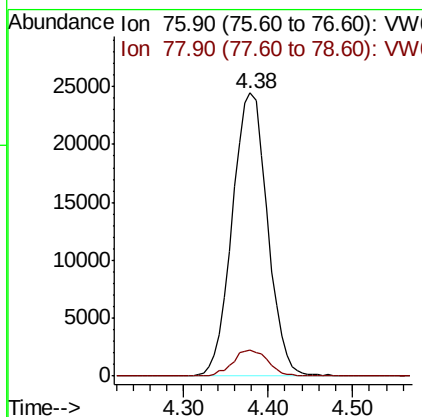
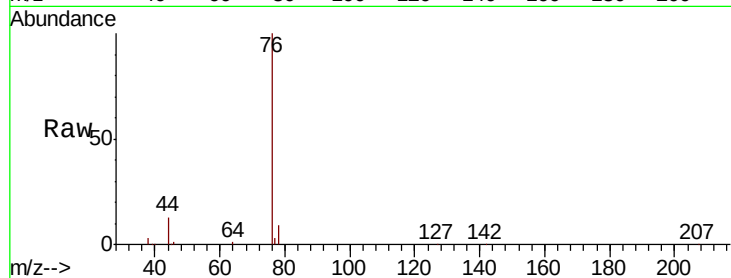
78 9.2 7.8 11.6

Manual Integrations

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#18

Methyl Acetate

Concen: 23.932 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007020.D

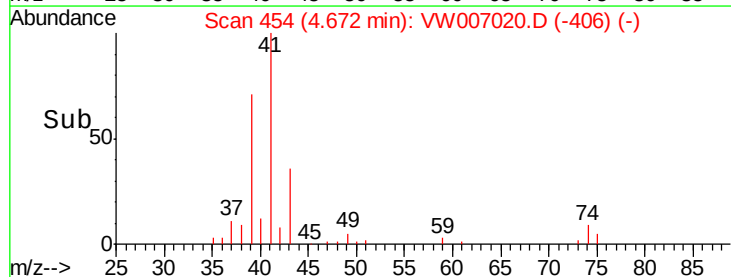
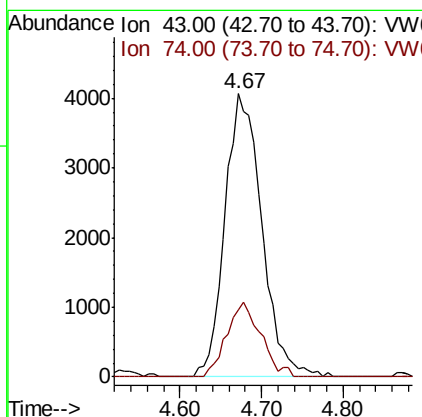
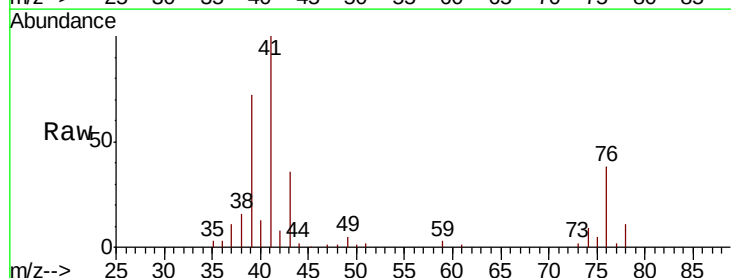
Acq: 22 Nov 2018 02:02

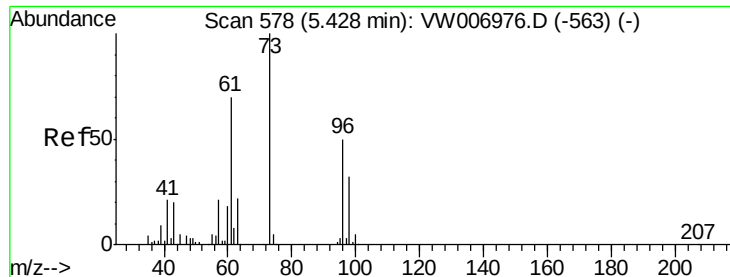
Tgt Ion: 43 Resp: 12719

Ion Ratio Lower Upper

43 100

74 24.3 20.1 30.1





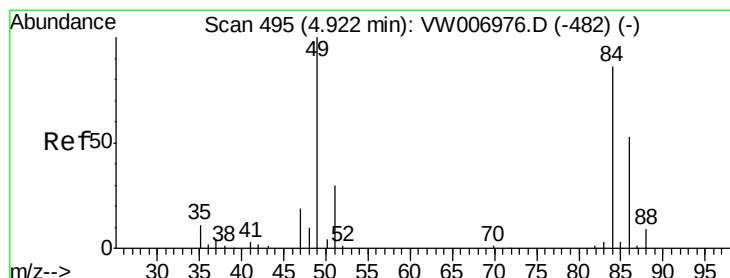
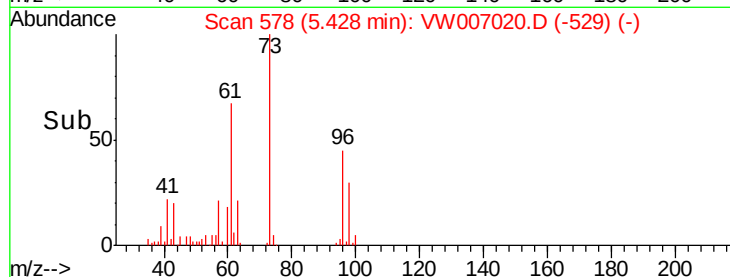
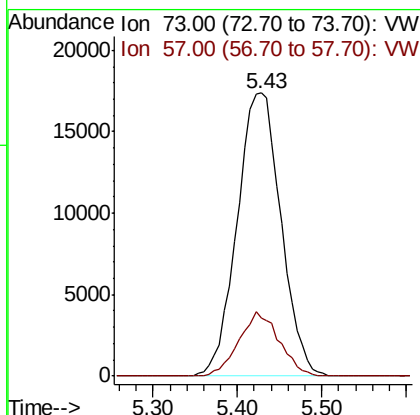
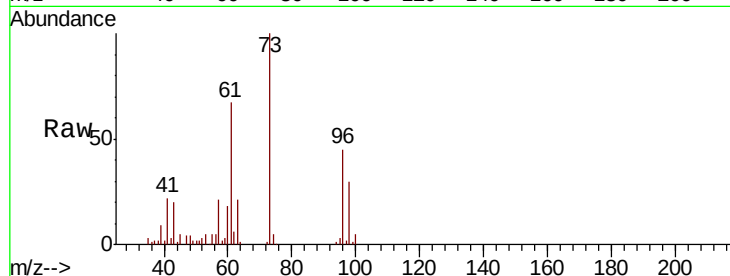
#19
Methyl tert-butyl Ether
Concen: 24.728 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion: 73 Resp: 61362
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1

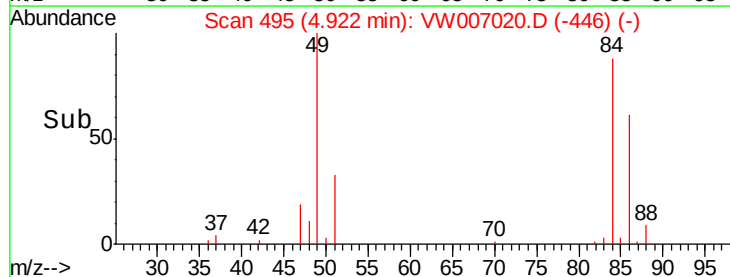
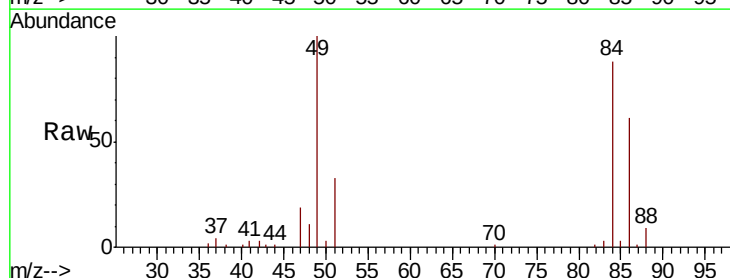
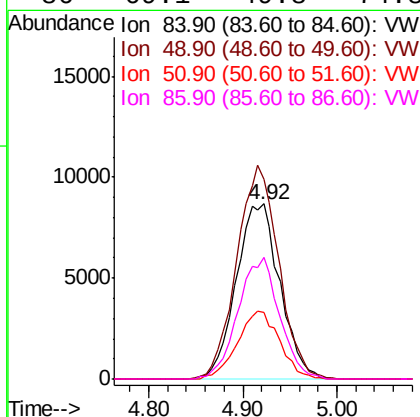
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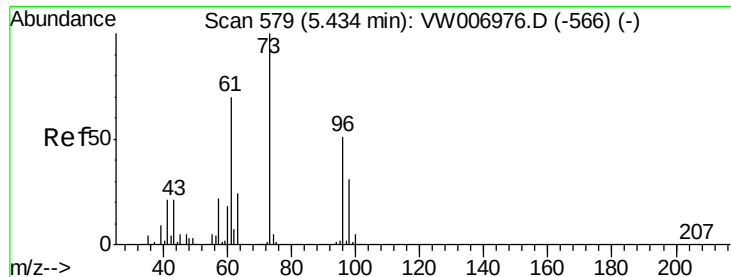
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#20
Methylene Chloride
Concen: 20.504 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion: 84 Resp: 28175
Ion Ratio Lower Upper
84 100
49 114.1 93.4 140.0
51 37.8 28.4 42.6
86 69.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 22.779 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

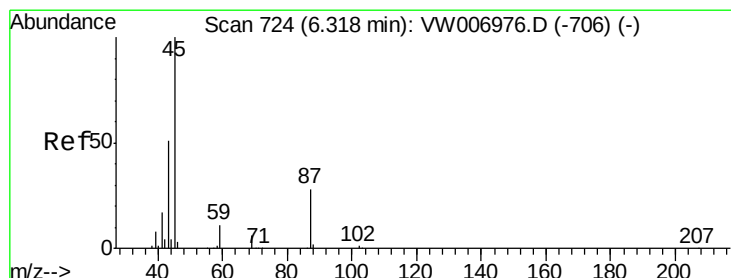
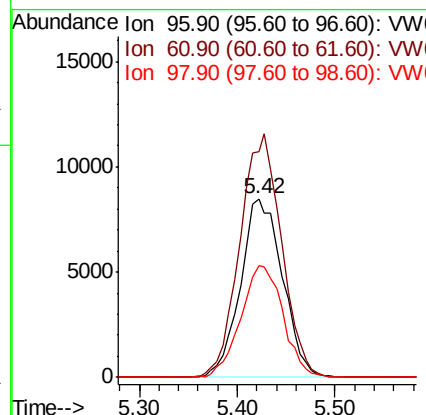
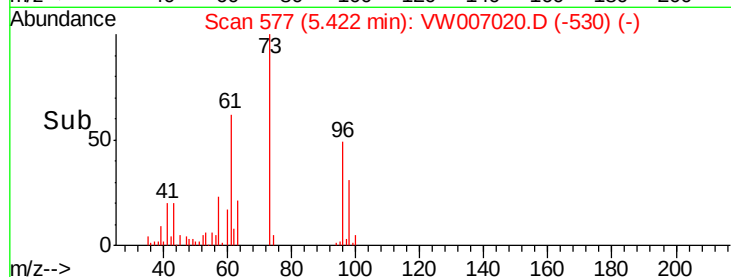
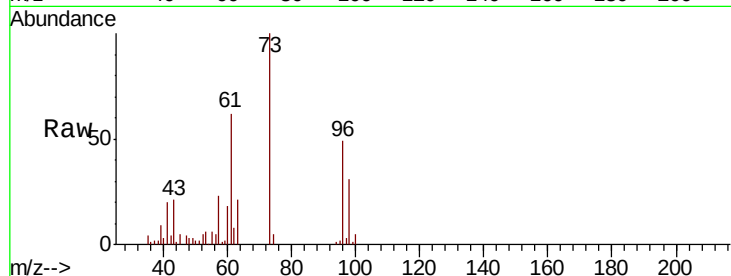
ClientSampleId :

VW1122SBS02

Tot Ion:	96	Resp:	25218
Ion	Ratio	Lower	Upper
96	100		
61	126.3	109.4	164.0
98	62.8	48.3	72.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.371 ug/l

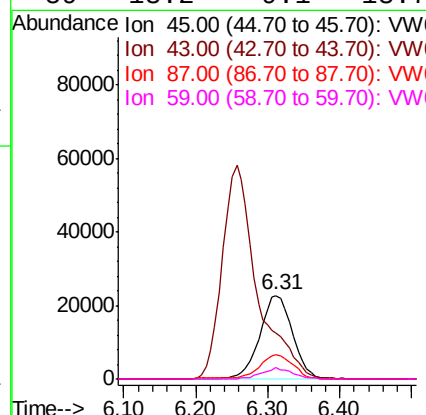
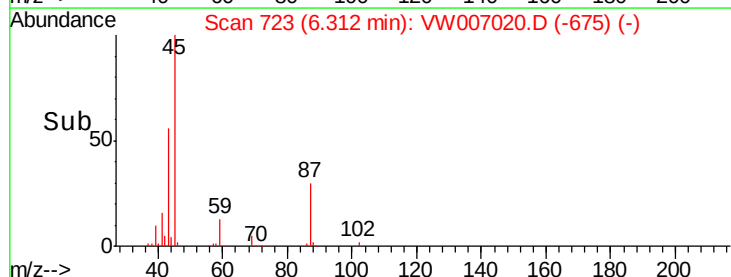
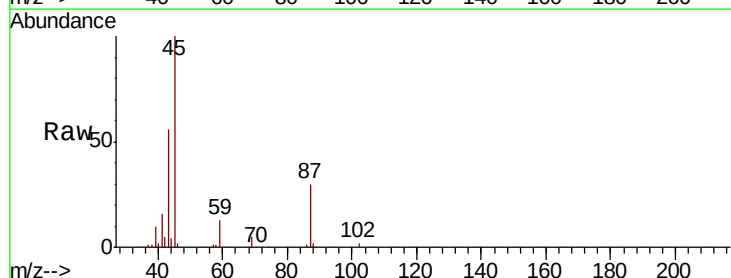
RT: 6.31 min Scan# 723

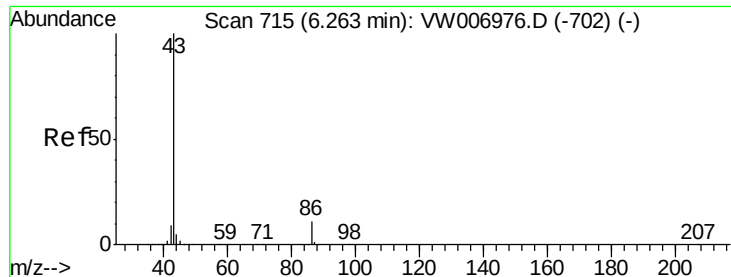
Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Tgt Ion:	45	Resp:	71701
Ion	Ratio	Lower	Upper
45	100		
43	54.8	42.5	63.7
87	29.7	22.8	34.2
59	13.2	9.1	13.7





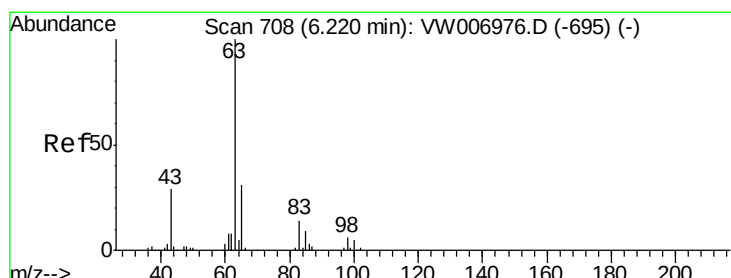
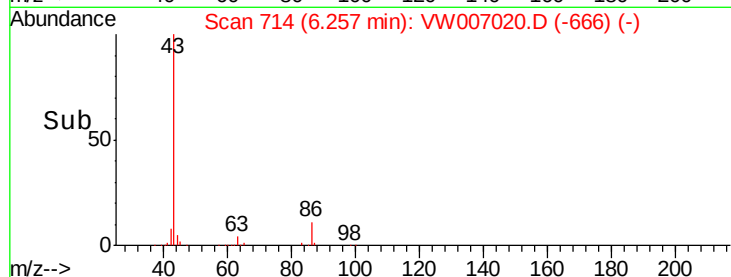
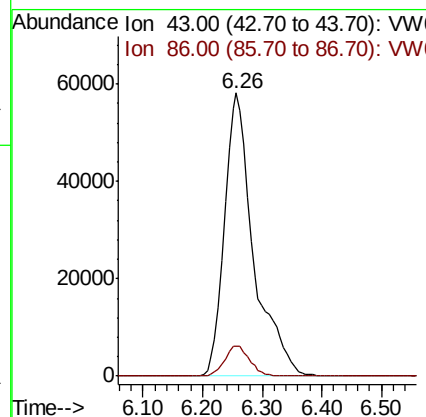
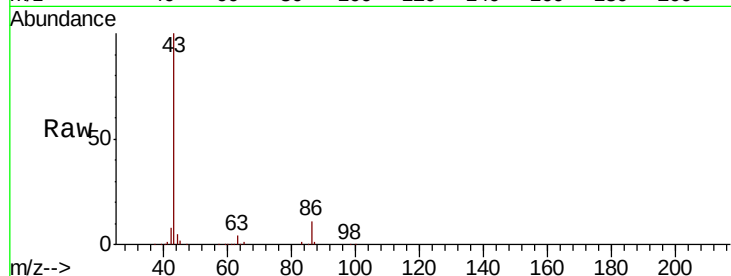
#23
 Vinyl Acetate
 Concen: 121.048 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.7	13.1

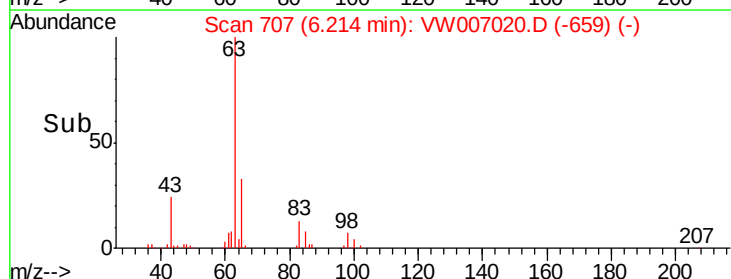
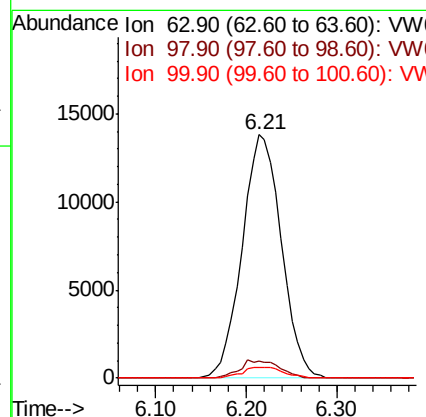
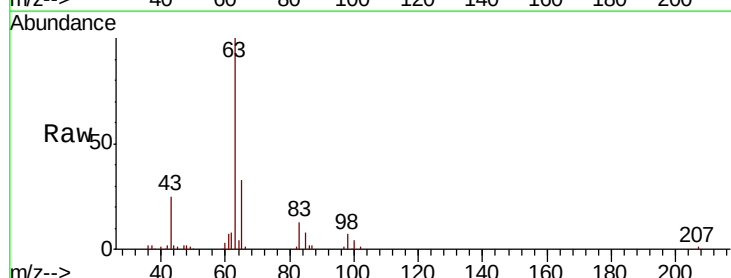
Manual Integrations
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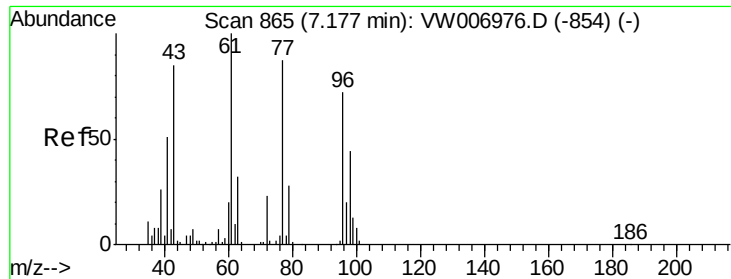
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#24
 1,1-Dichloroethane
 Concen: 22.160 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.1	9.4
100	4.3	2.3	6.9





#25

2-Butanone

Concen: 117.249 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS02

Tot Ion: 43 Resp: 29970

Ion Ratio Lower Upper

43 100

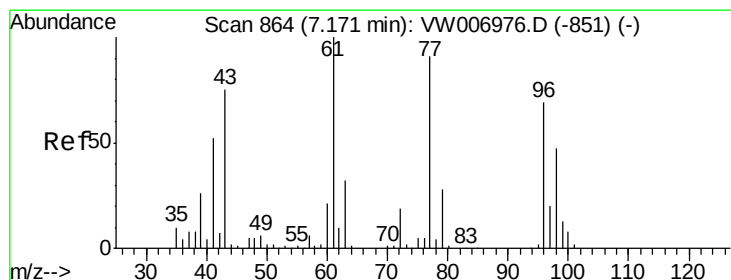
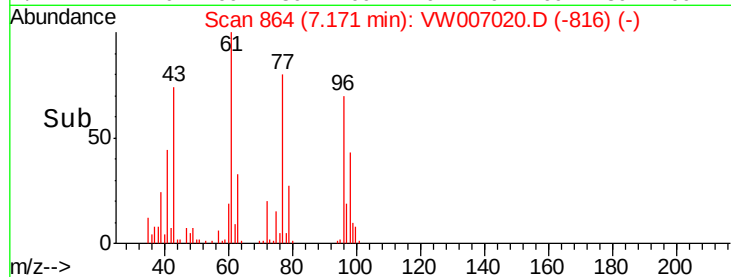
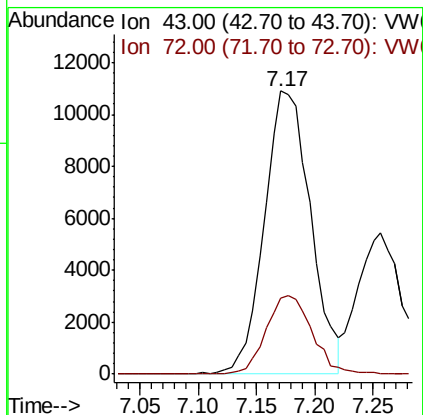
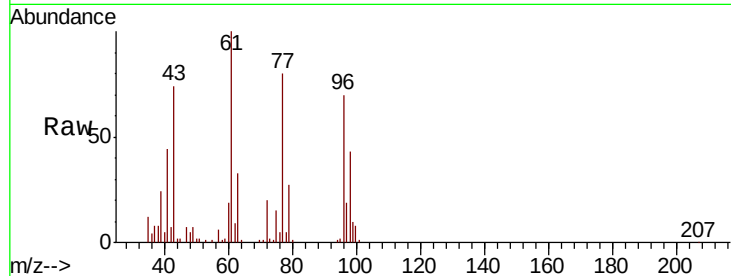
72 26.9 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.109 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007020.D

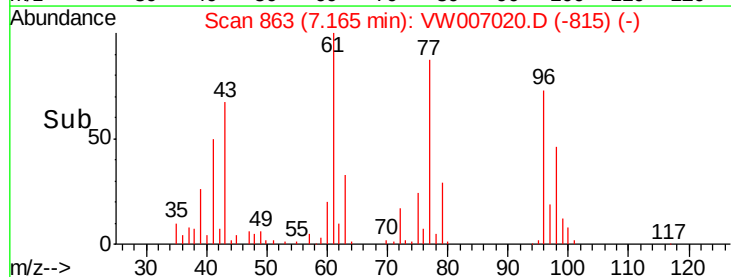
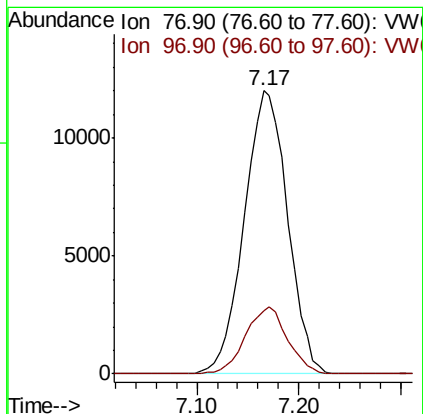
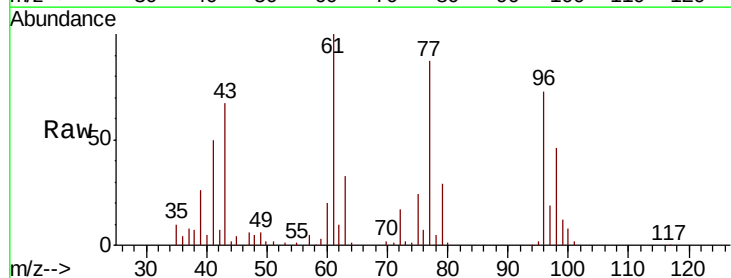
Acq: 22 Nov 2018 02:02

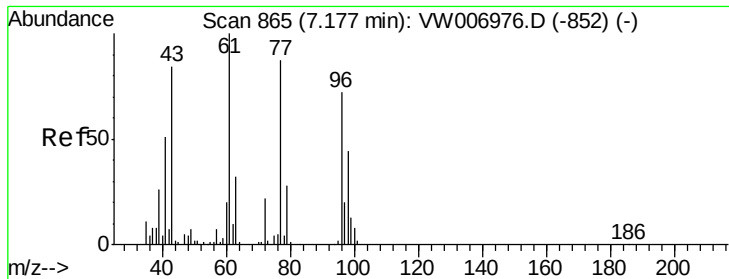
Tgt Ion: 77 Resp: 35429

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

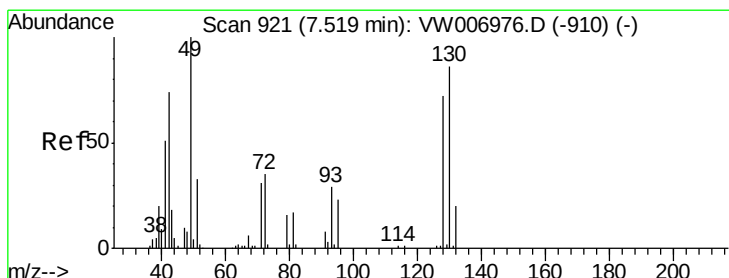
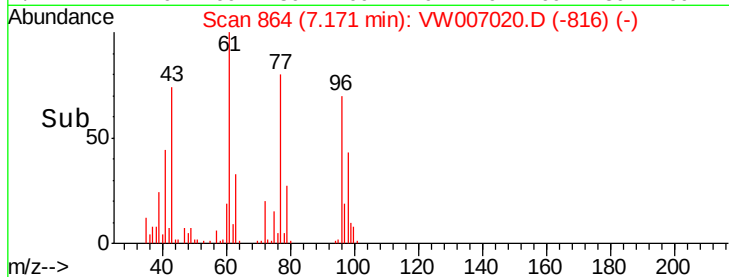
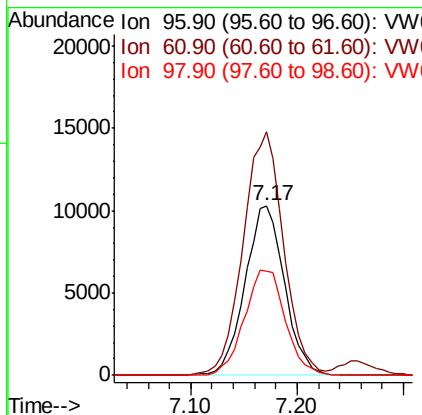
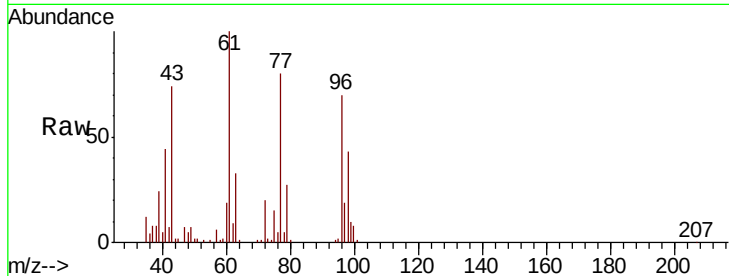
cis-1,2-Dichloroethene
Concen: 22.710 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	292.6
98	64.2	0.0	129.8

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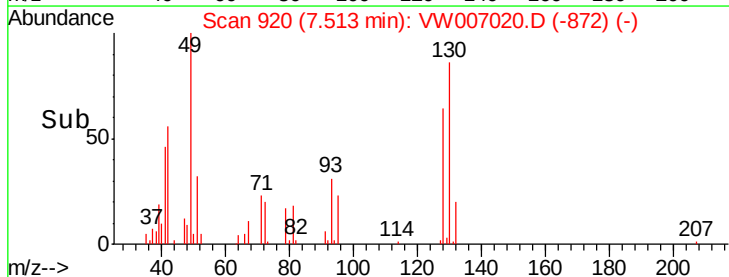
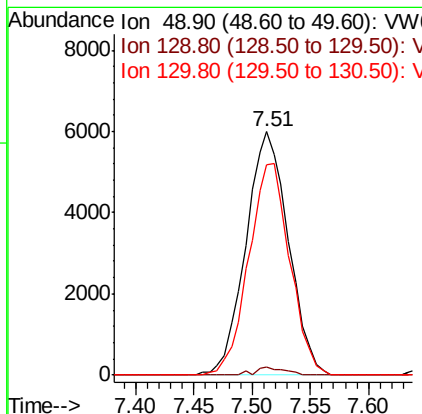
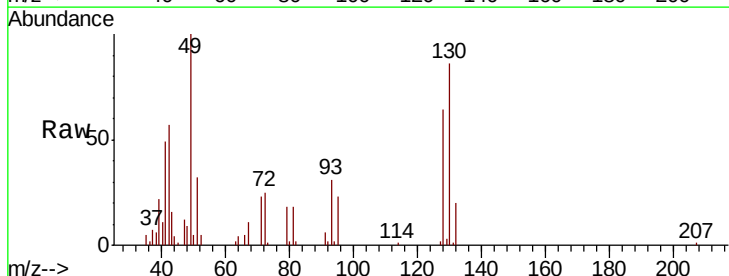
MMDadoda
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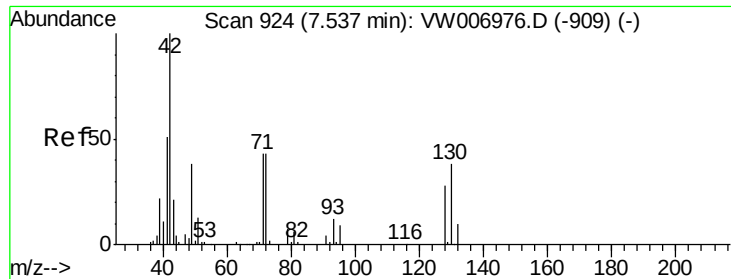


#28

Bromochloromethane
Concen: 21.711 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.0#
130	84.1	69.0	103.4





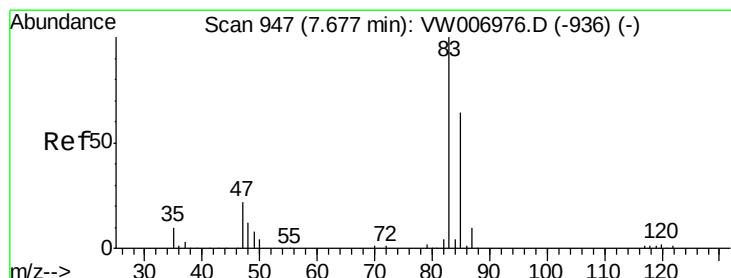
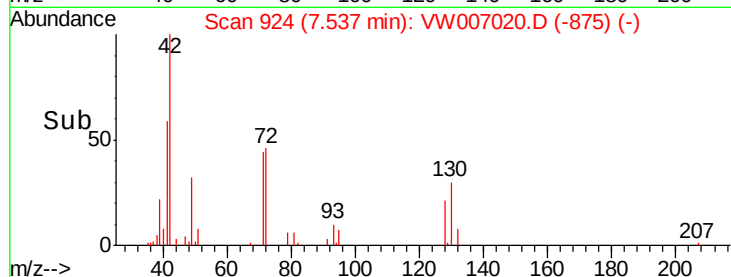
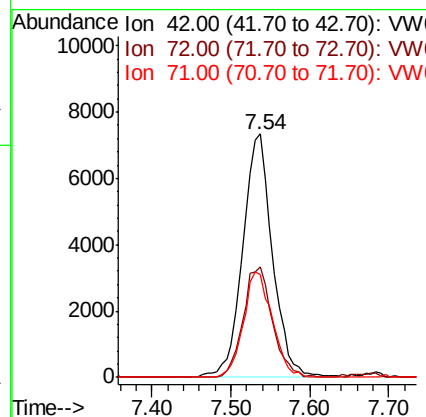
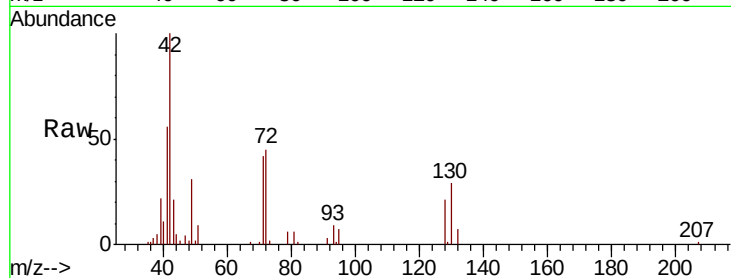
#29
Tetrahydrofuran
Concen: 116.542 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.2	54.4
71	41.8	33.8	50.8

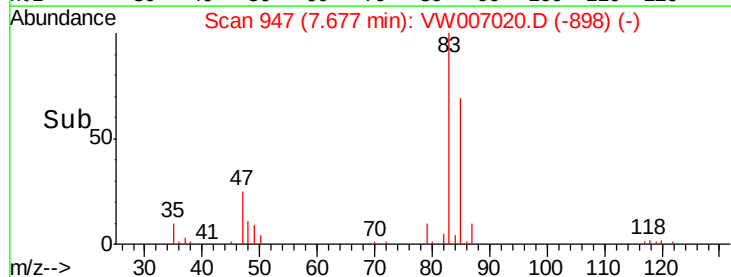
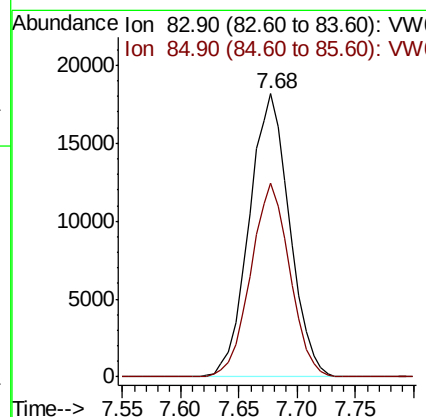
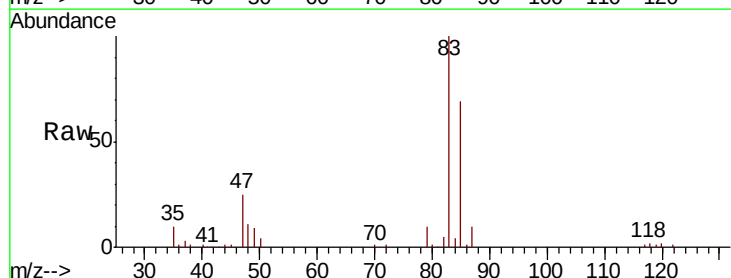
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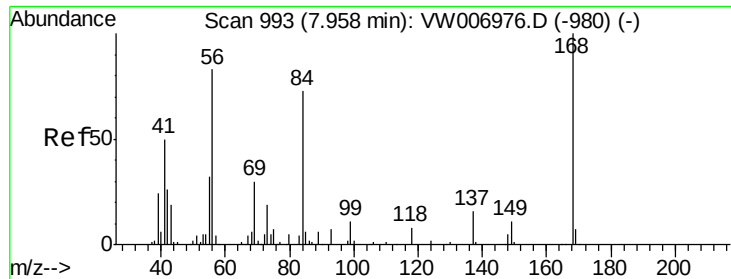
MMDadoda
11/26/2018 1:04:52 PM



#30
Chloroform
Concen: 22.137 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.7	50.9	76.3





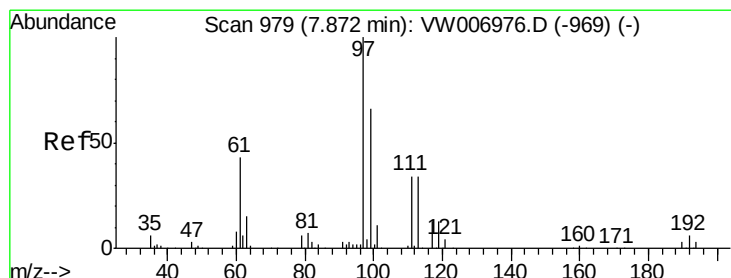
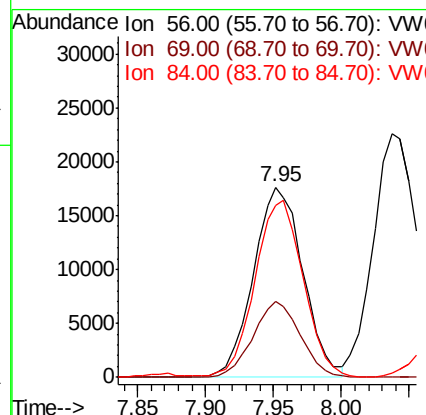
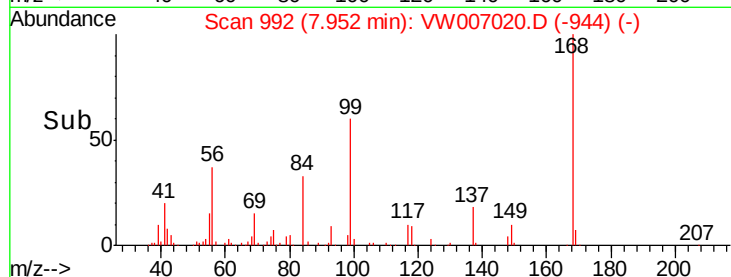
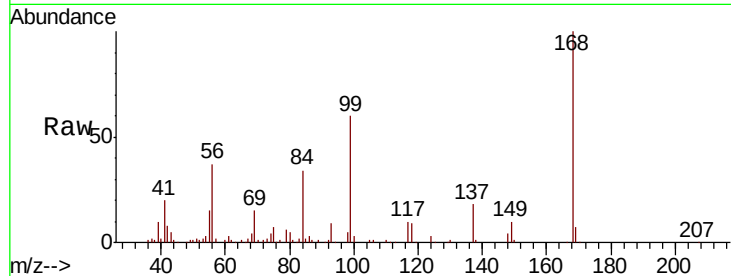
#31
Cyclohexane
Concen: 22.633 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.0	29.1	43.7
84	89.6	70.6	105.8

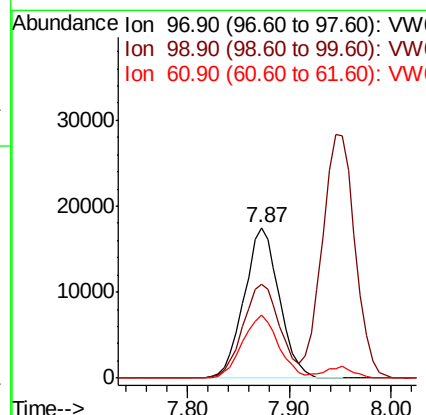
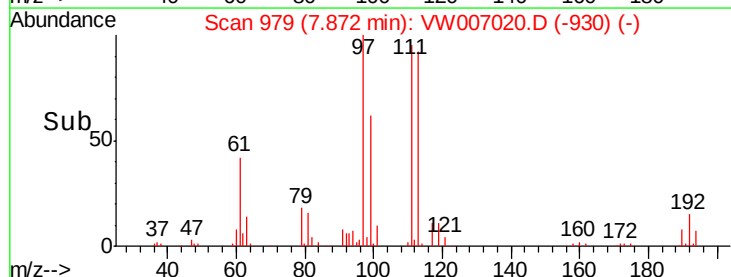
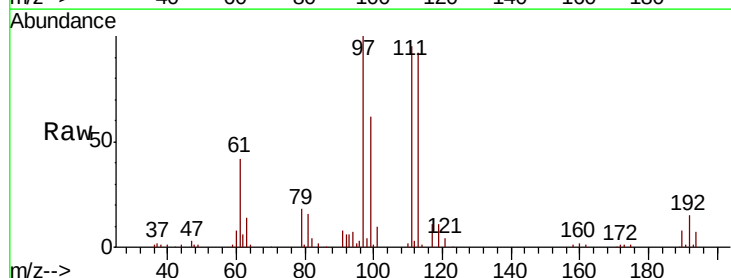
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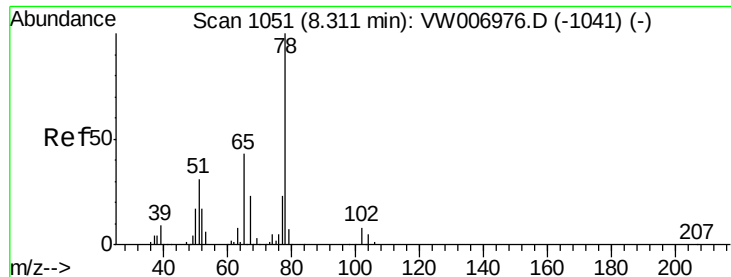
MMDadoda
11/26/2018 1:04:52 PM



#32
1,1,1-Trichloroethane
Concen: 23.337 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.9	77.9
61	42.8	33.4	50.2





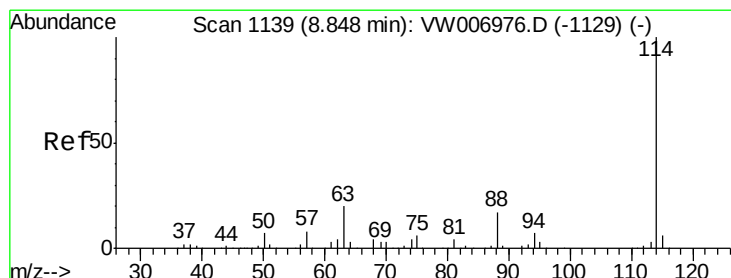
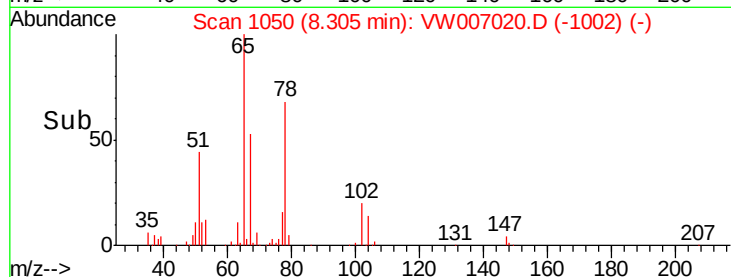
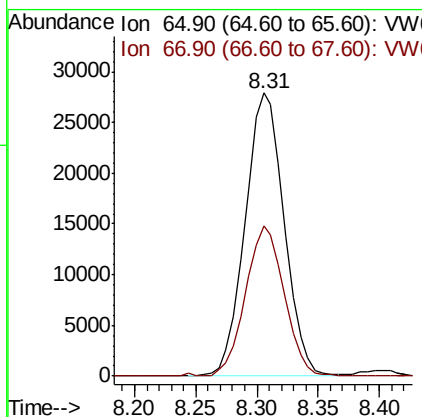
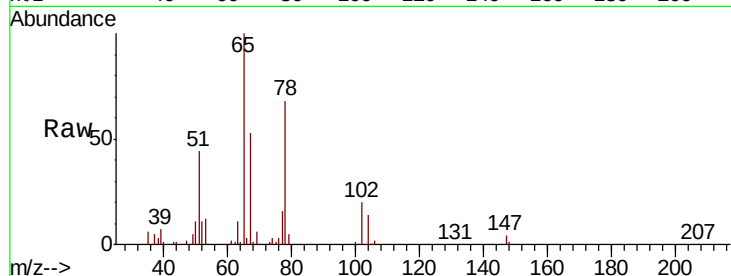
#33
 1,2-Dichloroethane-d4
 Concen: 60.163 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion: 65 Resp: 61842
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2

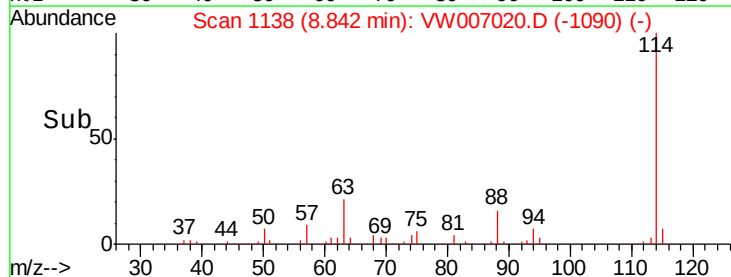
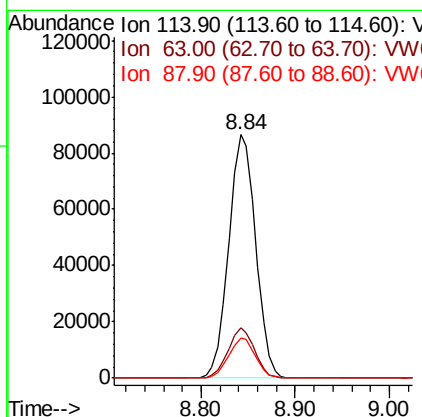
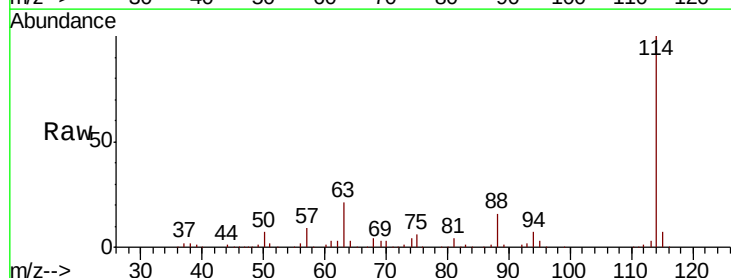
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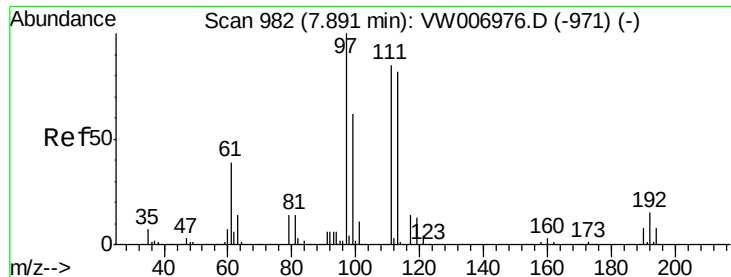
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion: 114 Resp: 171462
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 16.3 0.0 34.2





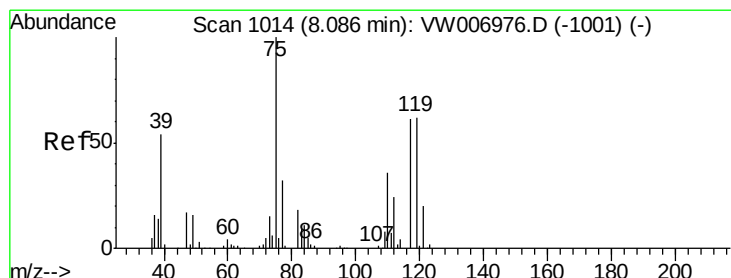
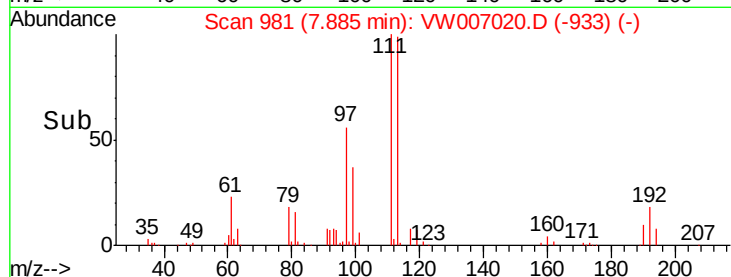
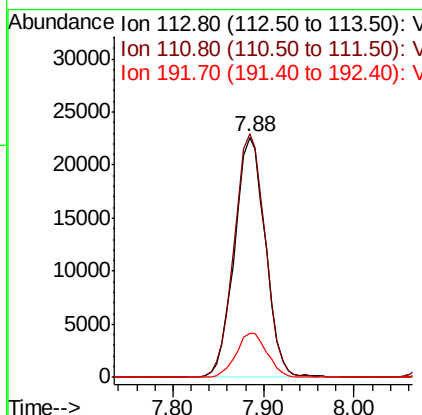
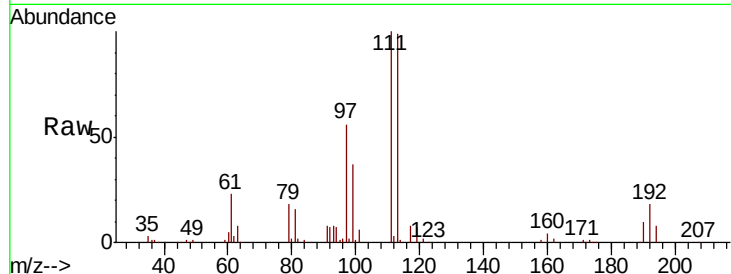
#35
 Dibromofluoromethane
 Concen: 55.120 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.6
192	18.5	15.0	22.6

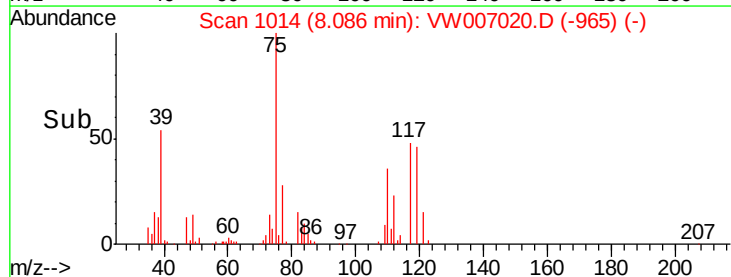
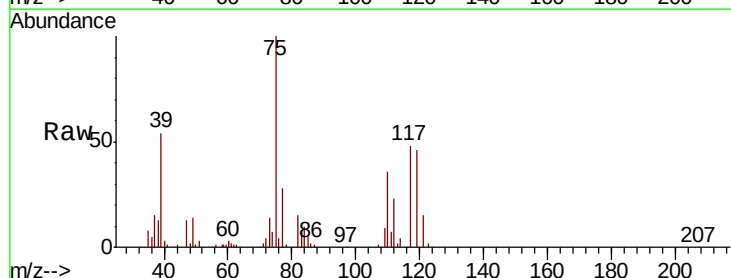
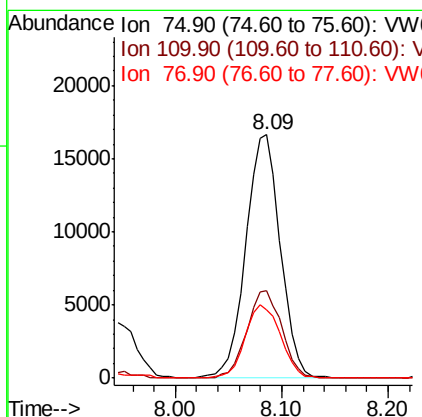
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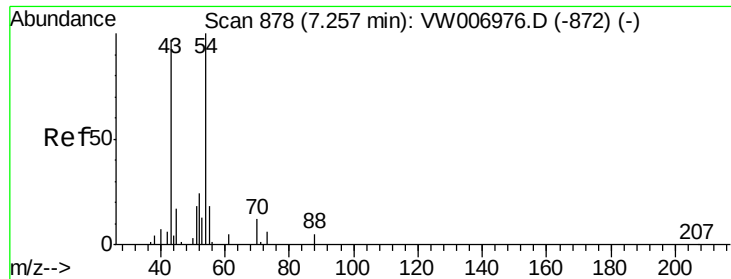
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 11/26/2018 1:04:52 PM



#36
 1,1-Dichloropropene
 Concen: 22.633 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.0	54.0
77	30.9	24.9	37.3





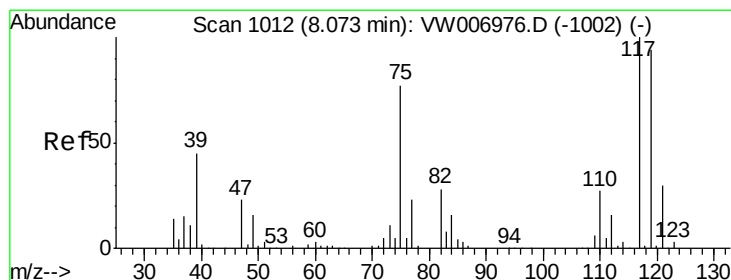
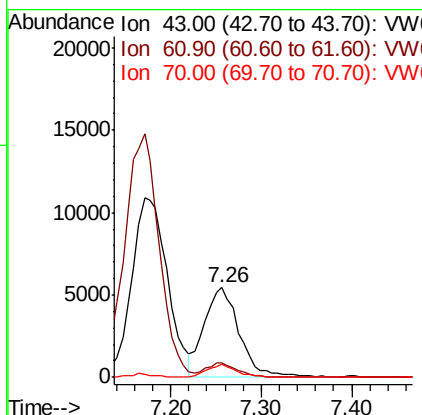
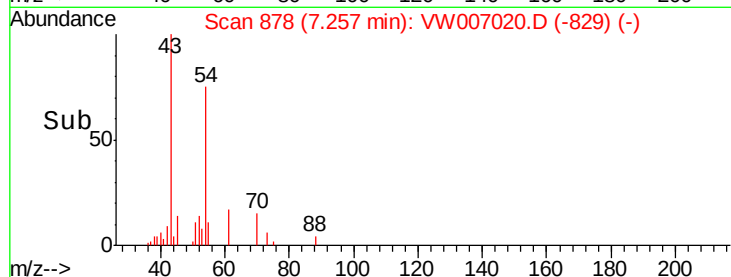
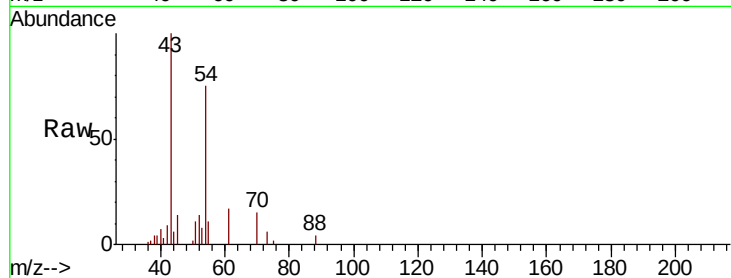
#37
Ethyl Acetate
Concen: 24.385 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	11.8	8.8	13.2

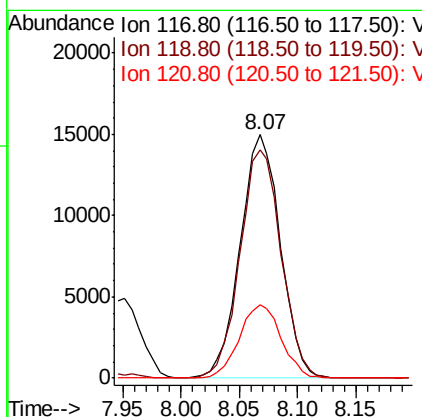
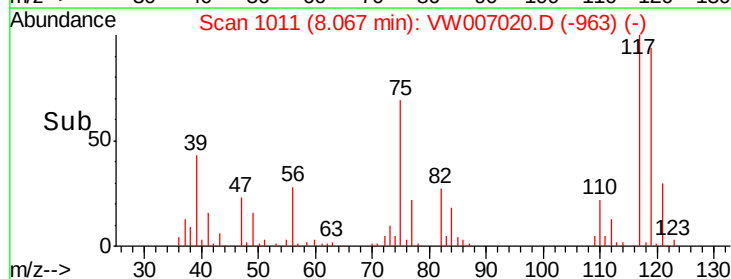
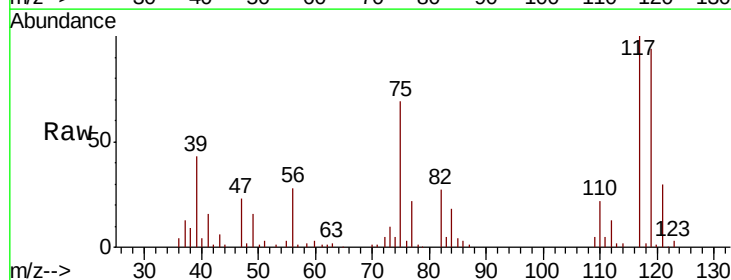
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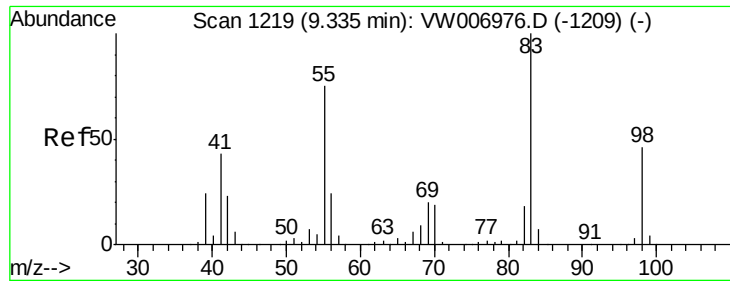
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#38
Carbon Tetrachloride
Concen: 22.402 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.9	112.3
121	30.3	23.6	35.4





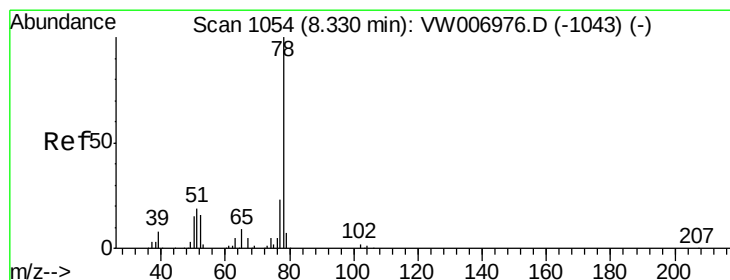
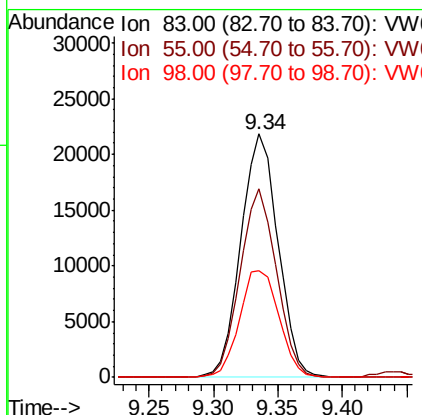
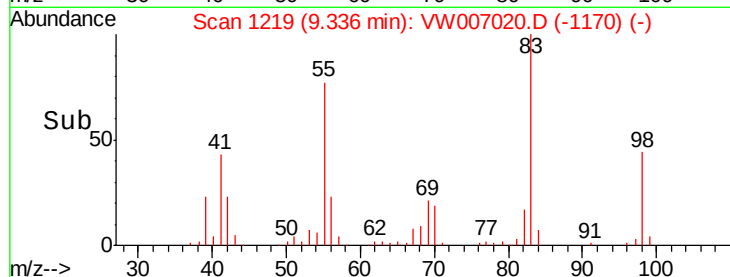
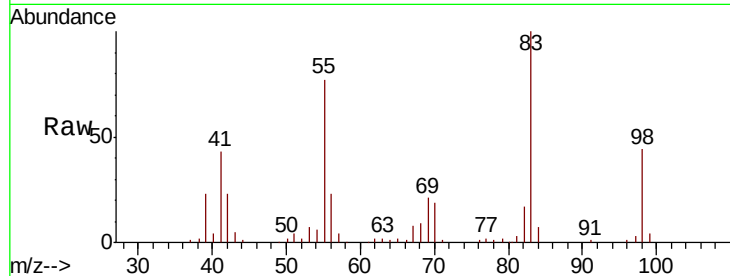
#39
Methylvlcyclohexane
Concen: 20.836 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.6	89.4
98	44.0	37.1	55.7

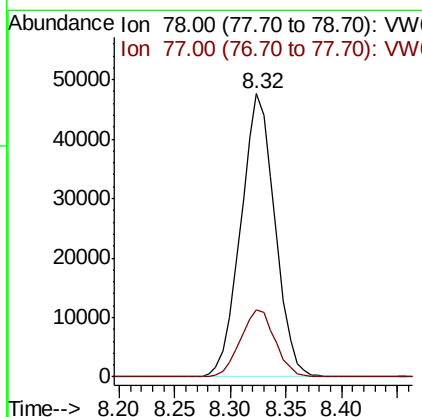
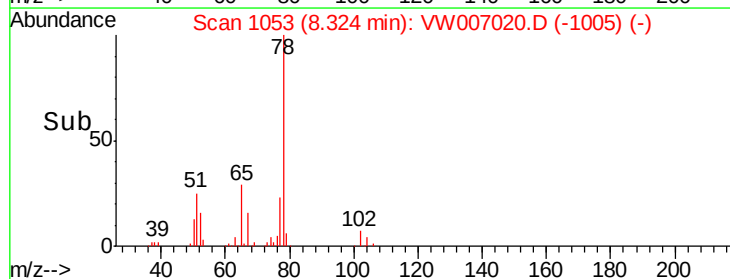
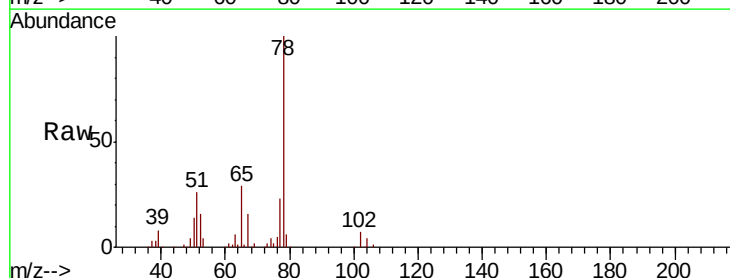
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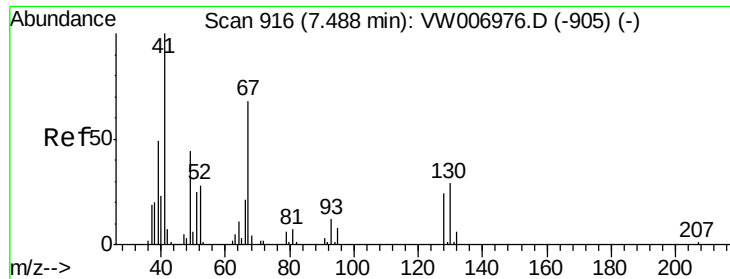
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#40
Benzene
Concen: 22.412 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





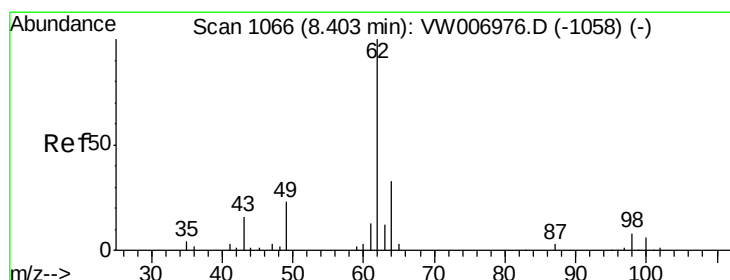
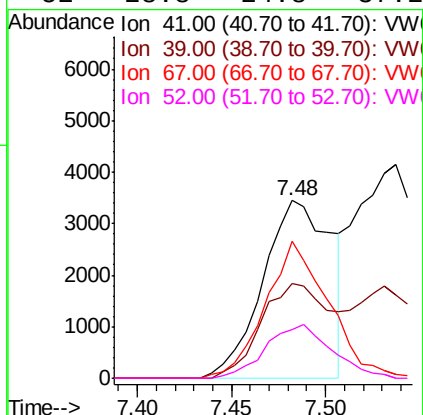
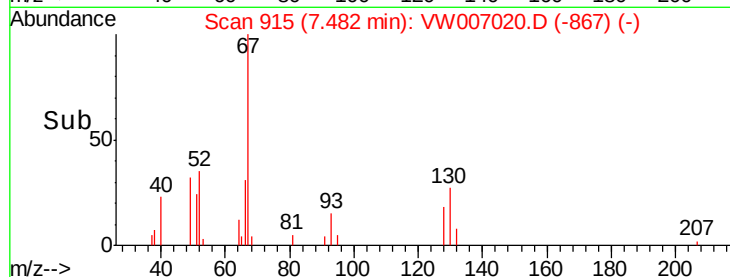
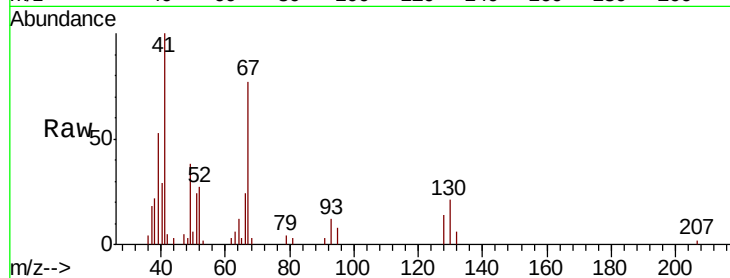
#41
Methacrylonitrile
Concen: 23.211 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	41	Resp	8752
Ion	Ratio	Lower	Upper
41	100		
39	52.6	48.6	73.0
67	70.2	59.8	89.8
52	28.8	24.8	37.2

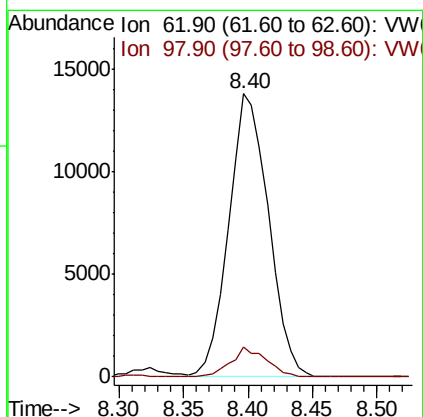
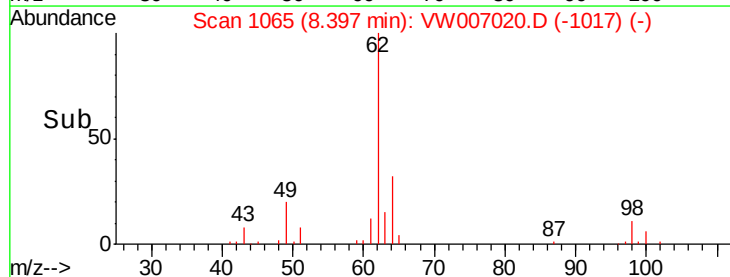
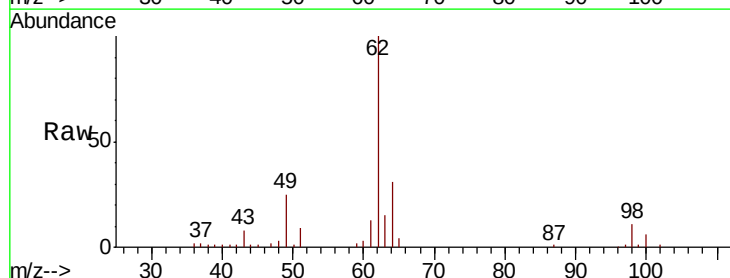
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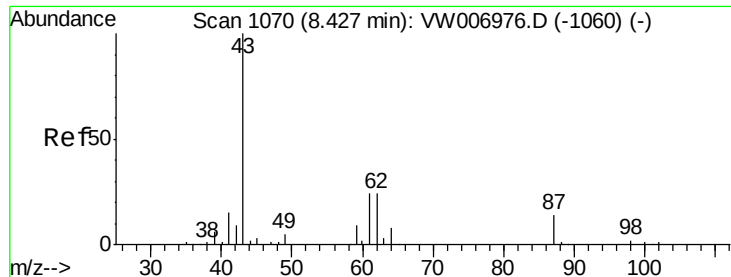
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#42
1,2-Dichloroethane
Concen: 22.622 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	62	Resp	29705
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 23.202 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

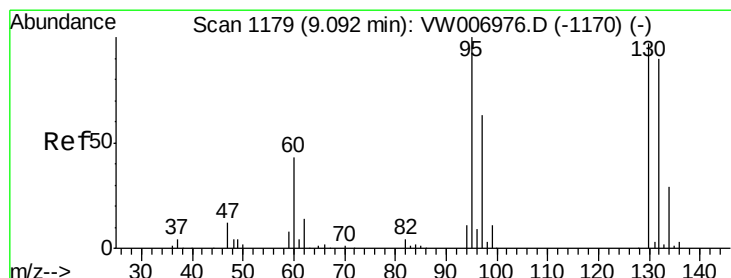
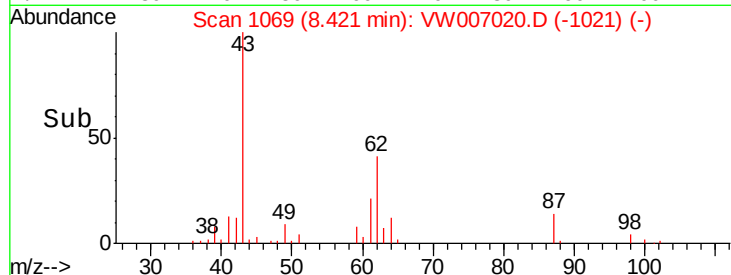
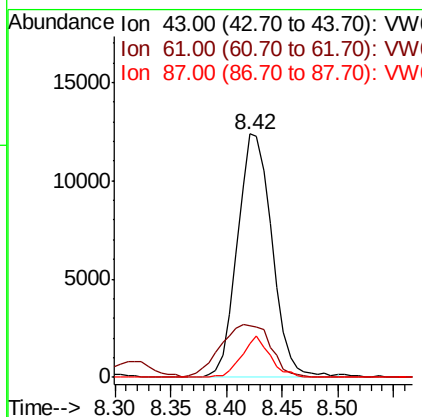
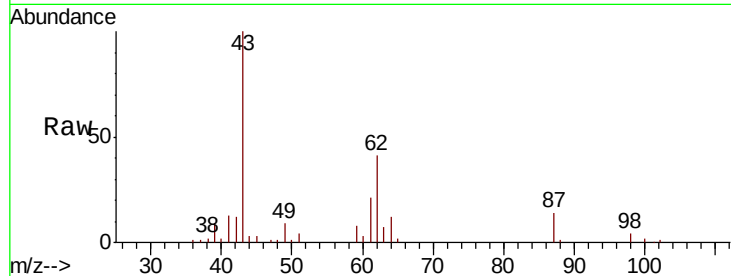
ClientSampleId :

VW1122SBS02

Tot Ion:	43	Resp:	26846
Ion	Ratio	Lower	Upper
43	100		
61	31.3	26.1	39.1
87	13.6	11.2	16.8

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#44

Trichloroethene

Concen: 22.589 ug/l

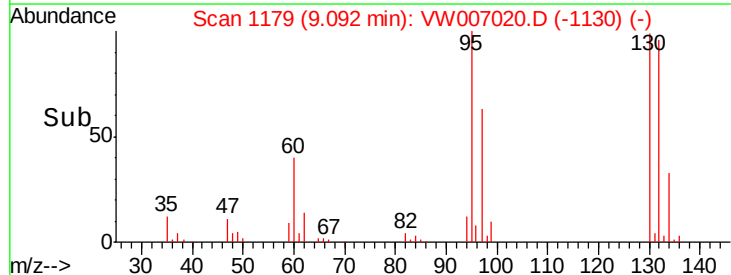
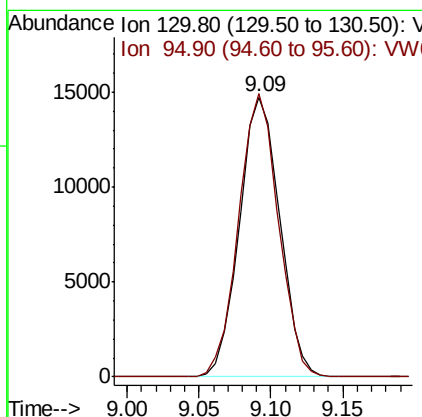
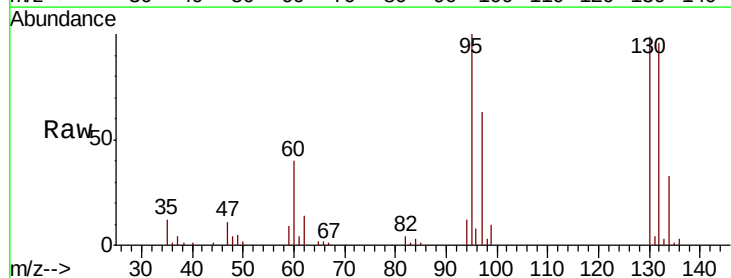
RT: 9.09 min Scan# 1179

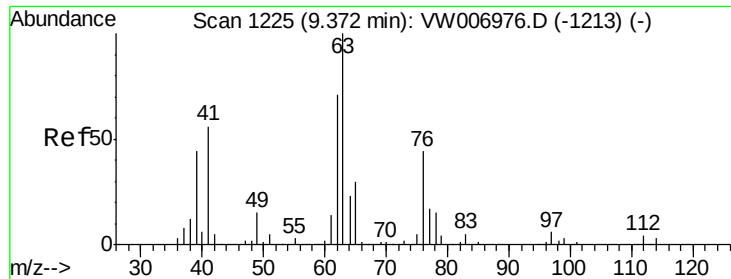
Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Tgt Ion:	130	Resp:	28640
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	206.4





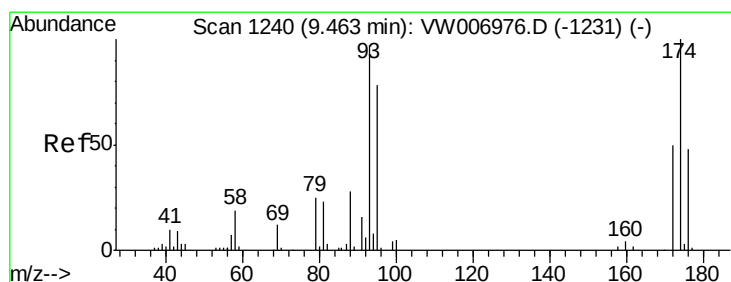
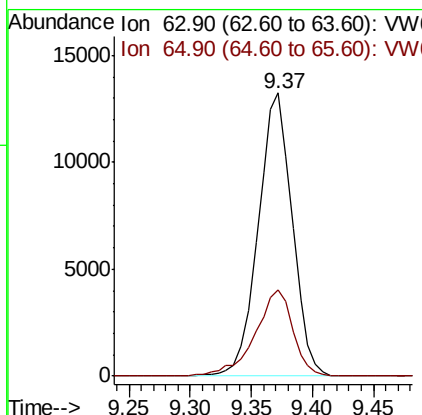
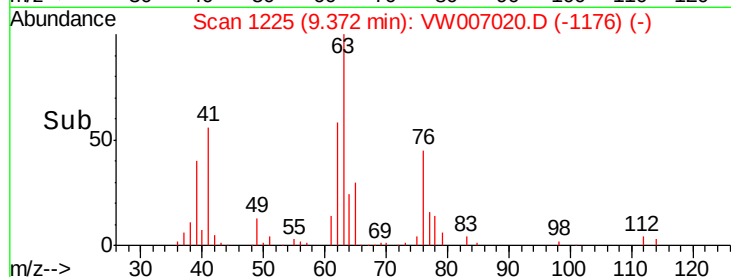
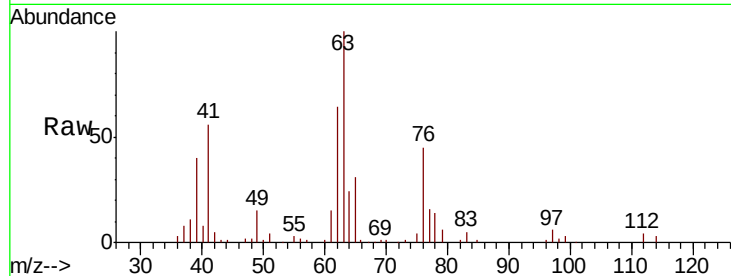
#45
 1,2-Dichloropropane
 Concen: 22.967 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion: 63 Resp: 25606
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6

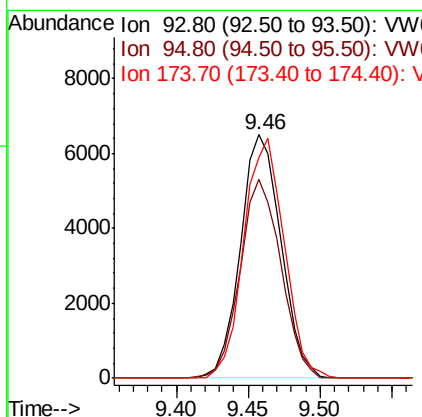
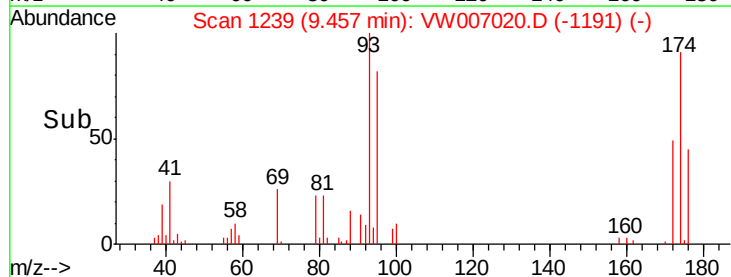
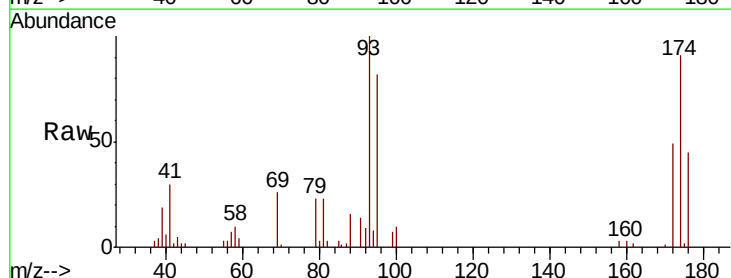
Manual Integrations
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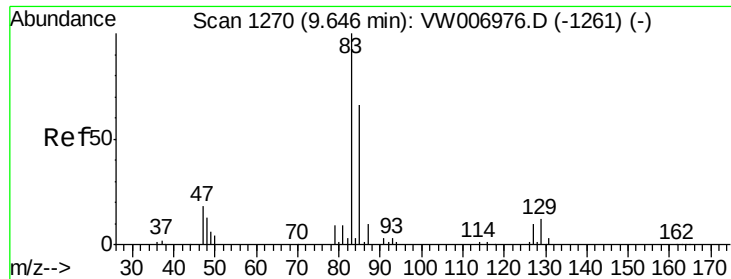
MMDadoda
 11/26/2018 1:04:52 PM



#46
 Dibromomethane
 Concen: 22.746 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion: 93 Resp: 12700
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.1 99.1
 174 97.5 79.7 119.5





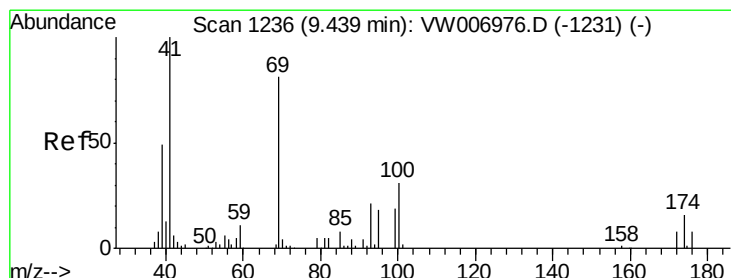
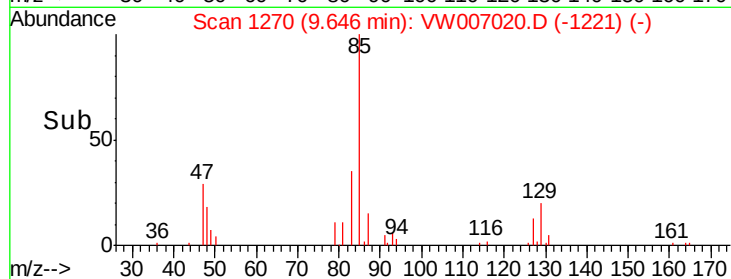
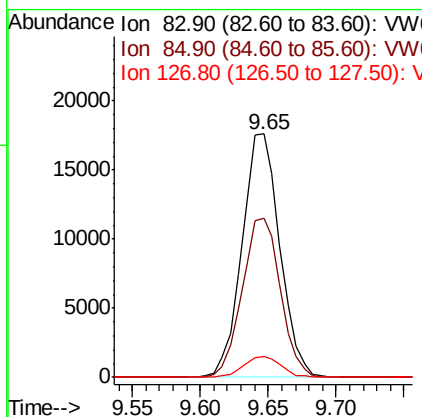
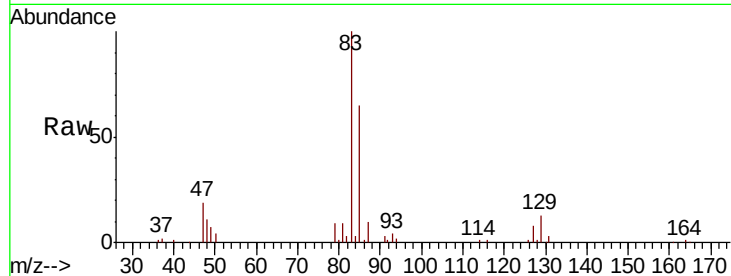
#47
Bromodichloromethane
Concen: 23.263 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	34221		
85	65.4	52.9	79.3	
127	8.5	7.8	11.6	

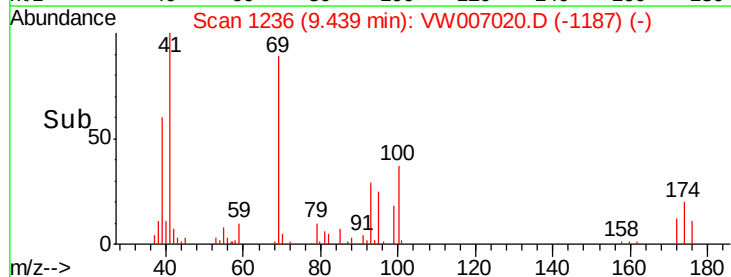
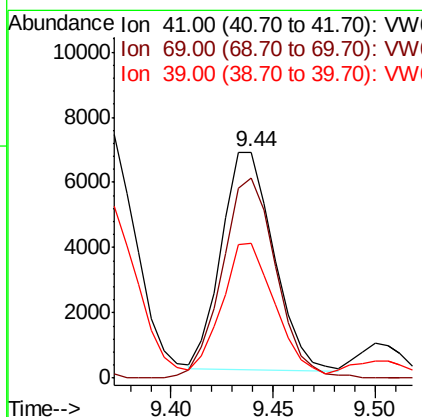
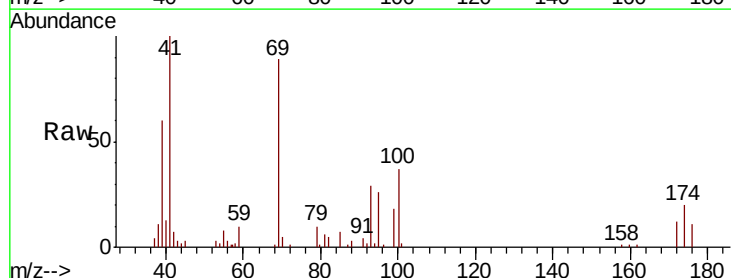
Manual Integrations
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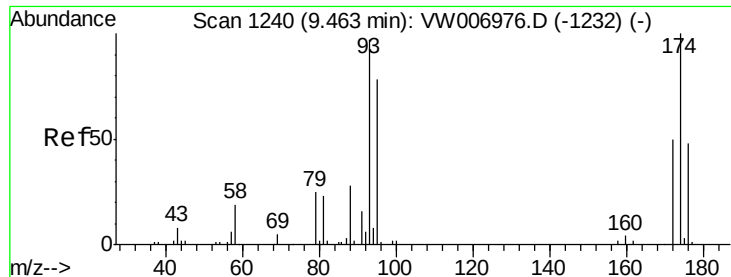
MMDadoda
11/26/2018 1:04:52 PM



#48
Methyl methacrylate
Concen: 21.292 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	11879		
69	94.8	71.4	107.0	
39	59.2	44.8	67.2	





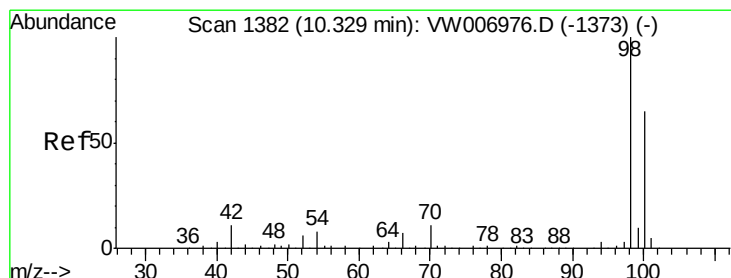
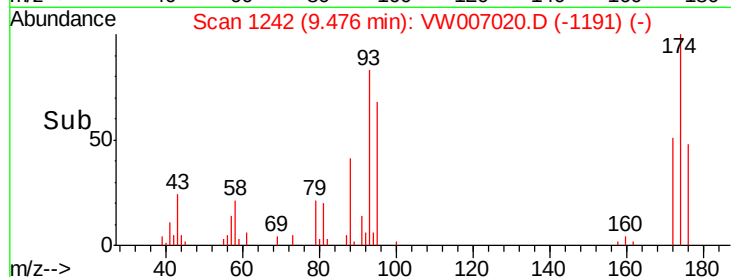
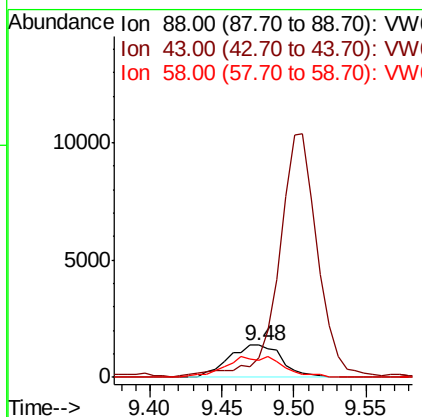
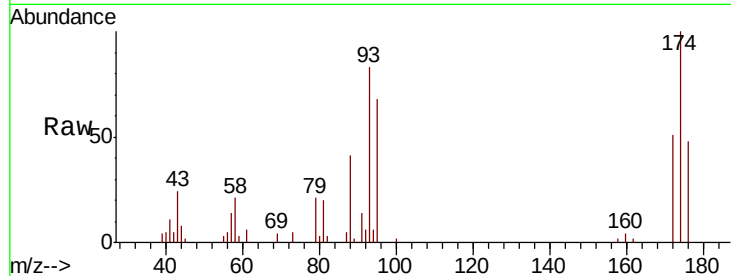
#49
1,4-Dioxane
Concen: 425.014 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.5	59.0	88.6

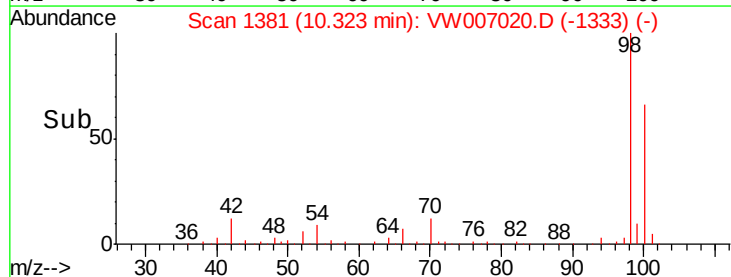
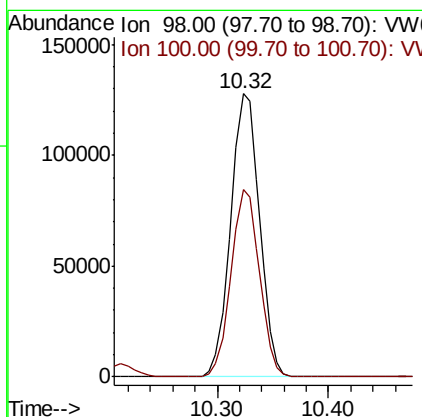
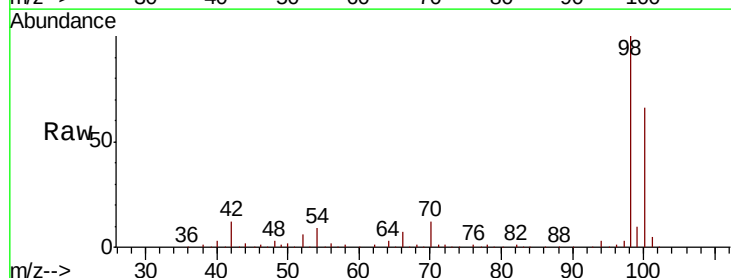
Manual Integrations
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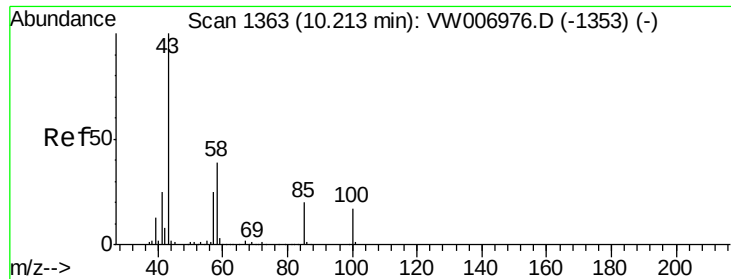
MMDadoda
11/26/2018 1:04:52 PM



#50
Toluene-d8
Concen: 53.693 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 111.181 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS02

Tot Ion: 43 Resp: 65011

Ion Ratio Lower Upper

43 100

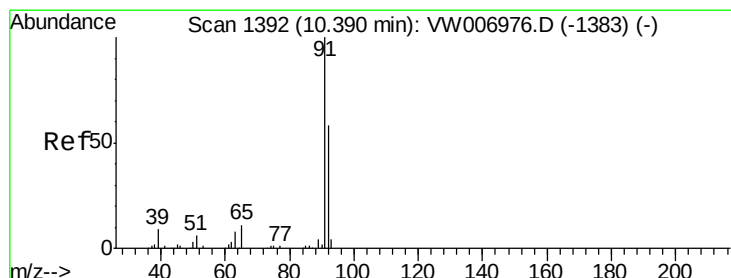
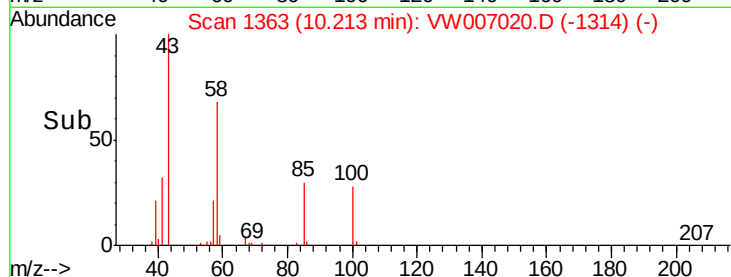
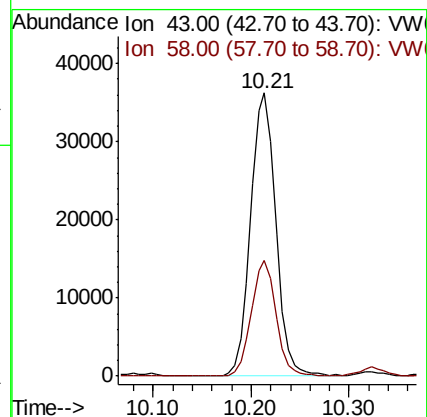
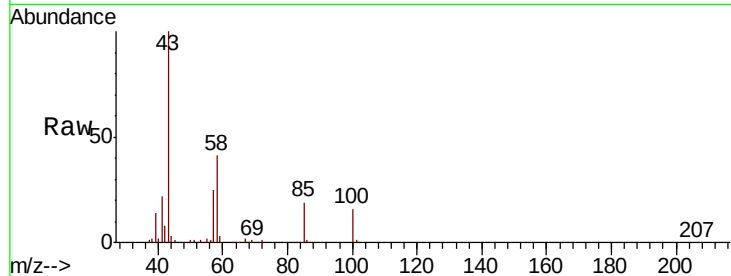
58 40.0 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 21.672 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007020.D

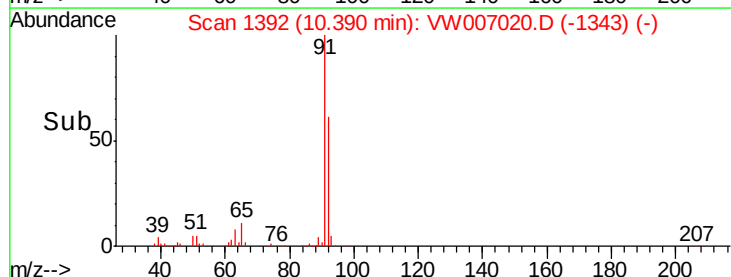
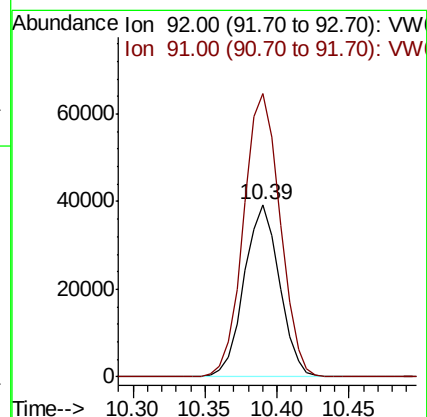
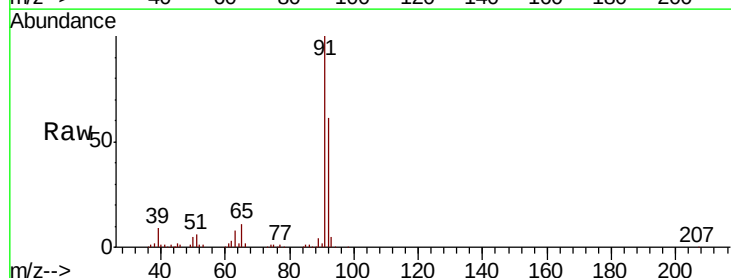
Acq: 22 Nov 2018 02:02

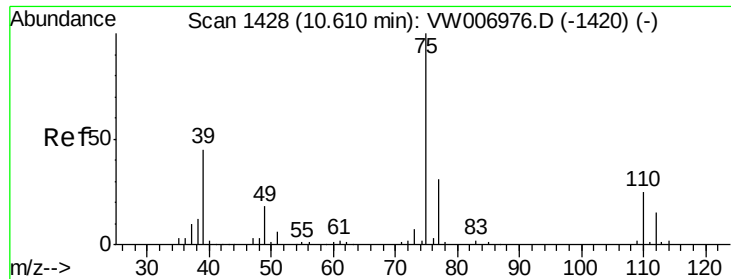
Tgt Ion: 92 Resp: 66706

Ion Ratio Lower Upper

92 100

91 170.2 137.3 205.9





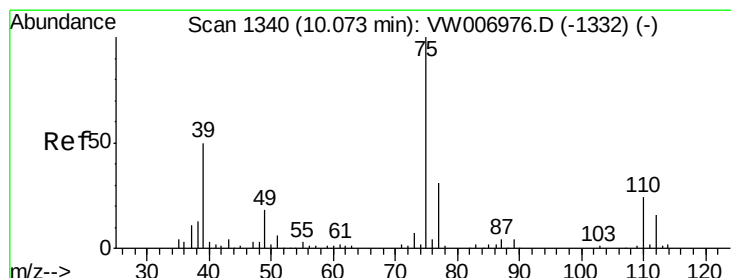
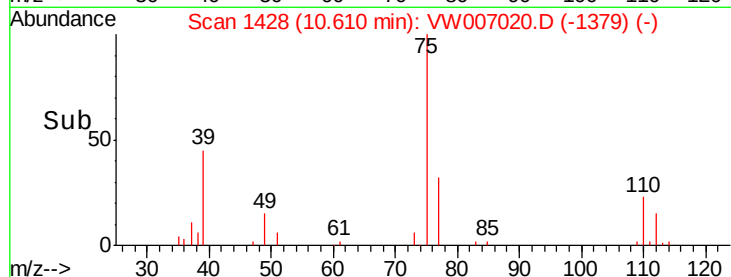
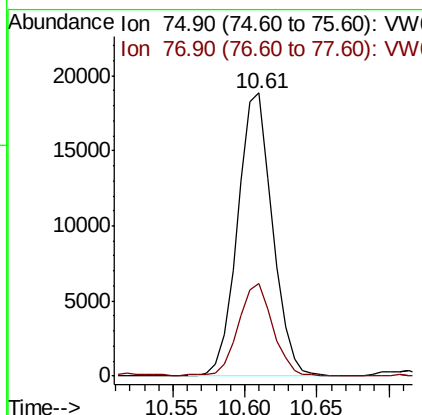
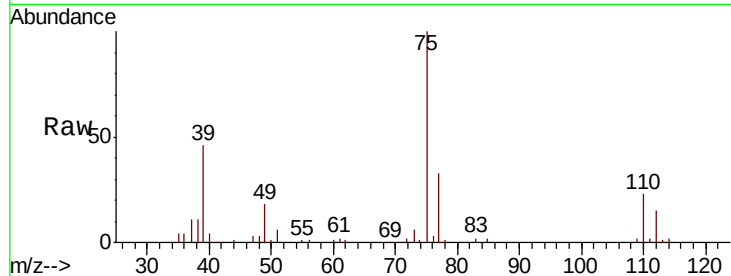
#53
 t-1,3-Dichloropropene
 Concen: 22.190 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion: 75 Resp: 31621
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.7 37.1

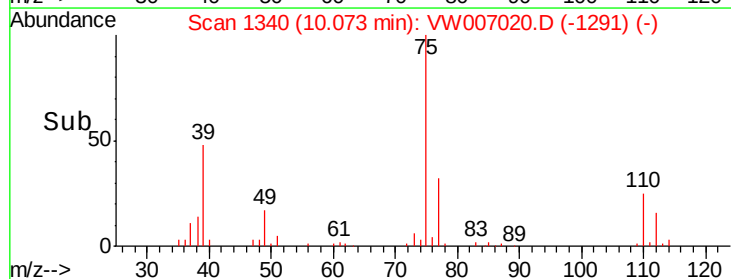
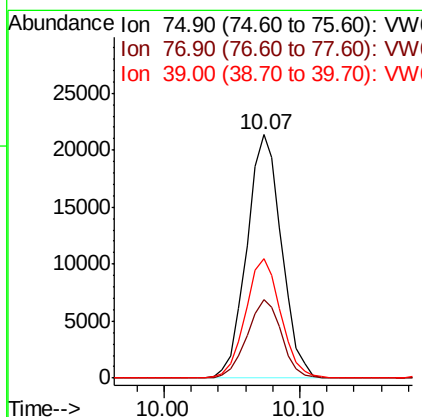
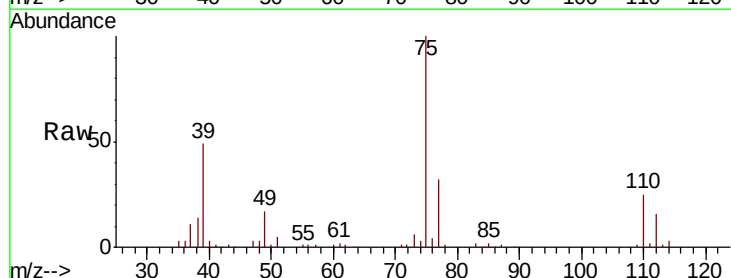
Manual Integrations
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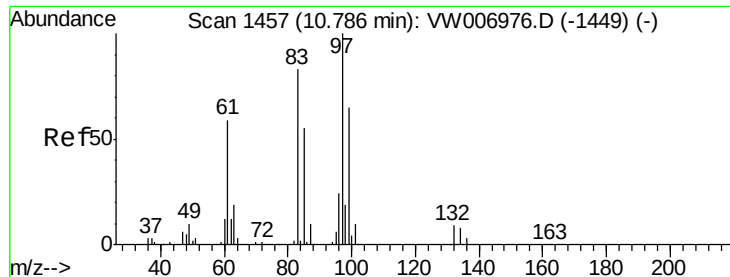
MMDadoda
 11/26/2018 1:04:52 PM



#54
 cis-1,3-Dichloropropene
 Concen: 22.162 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion: 75 Resp: 38155
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.6
 39 49.0 39.9 59.9





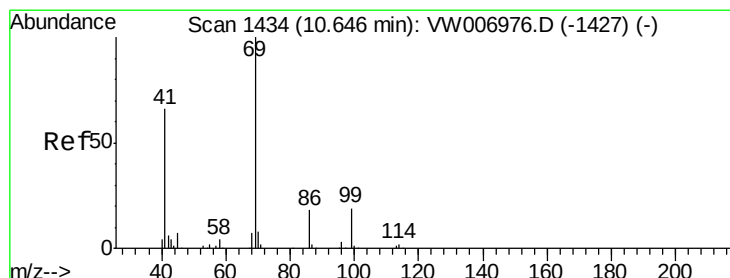
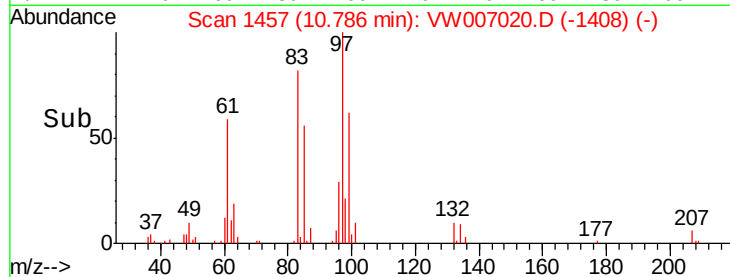
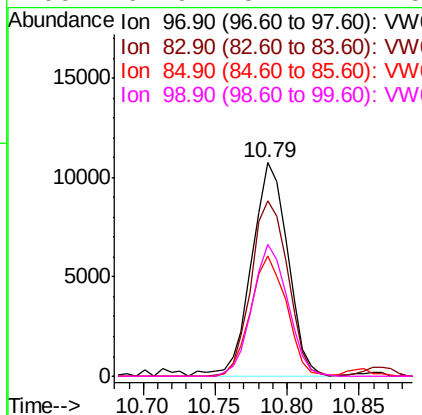
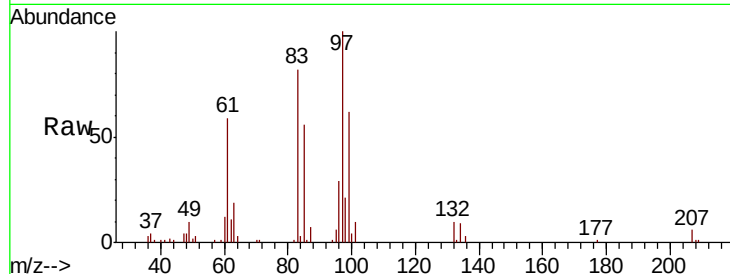
#55
 1,1,2-Trichloroethane
 Concen: 22.723 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		18666		
83	82.1	66.4	99.6		
85	56.4	44.1	66.1		
99	61.9	51.7	77.5		

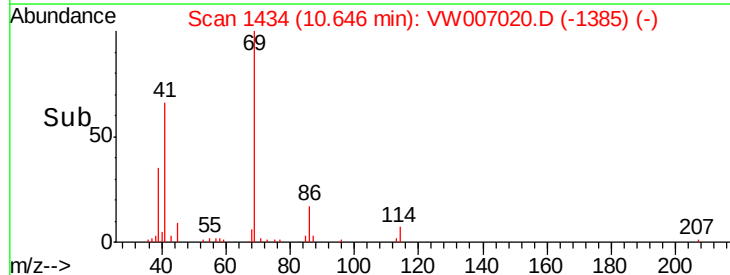
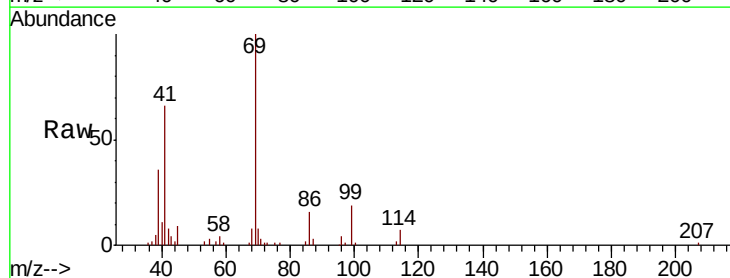
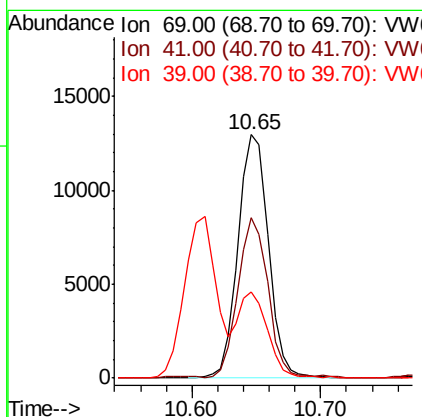
Manual Integrations
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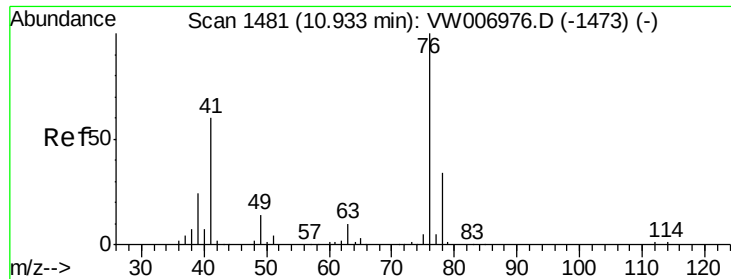
MMDadoda
 11/26/2018 1:04:52 PM



#56
 Ethyl methacrylate
 Concen: 22.318 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		21281		
41	65.7	53.4	80.0		
39	35.5	28.2	42.4		





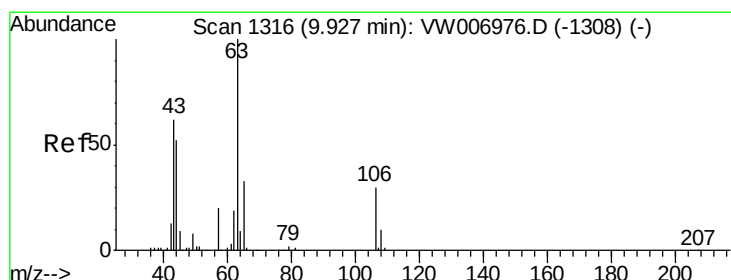
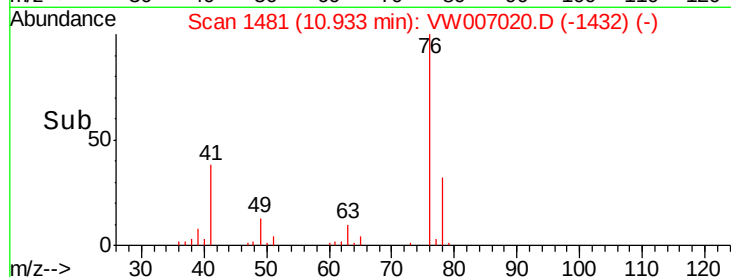
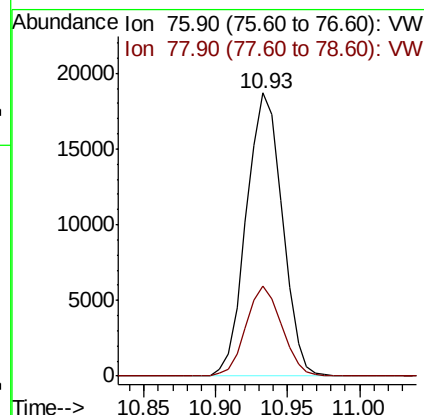
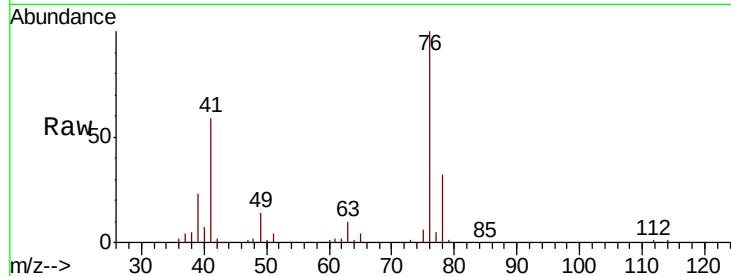
#57
 1,3-Dichloropropane
 Concen: 23.477 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion: 76 Resp: 32319
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6

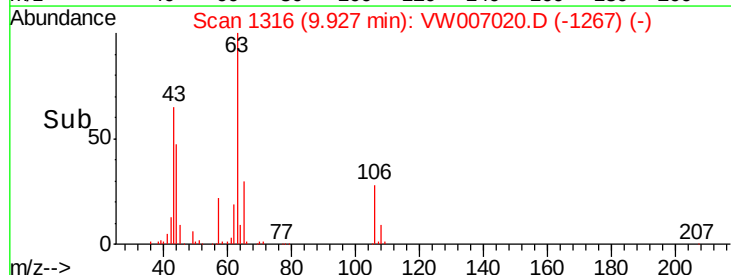
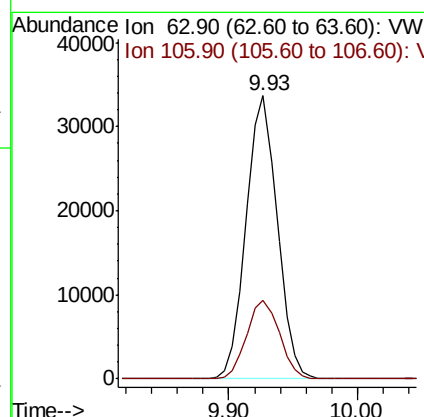
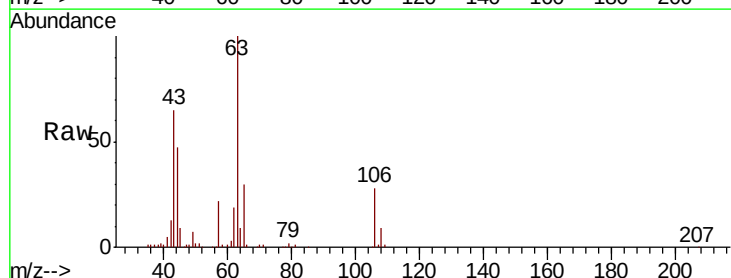
Manual Integrations
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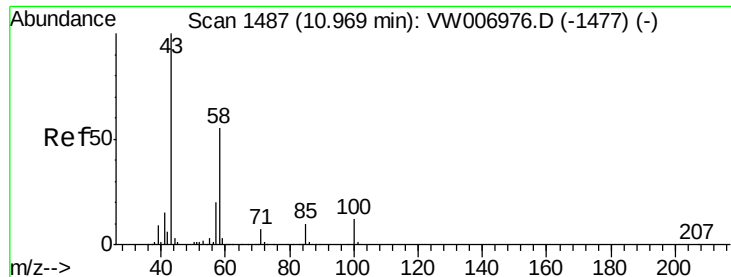
MMDadoda
 11/26/2018 1:04:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.172 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion: 63 Resp: 56390
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.5 35.3





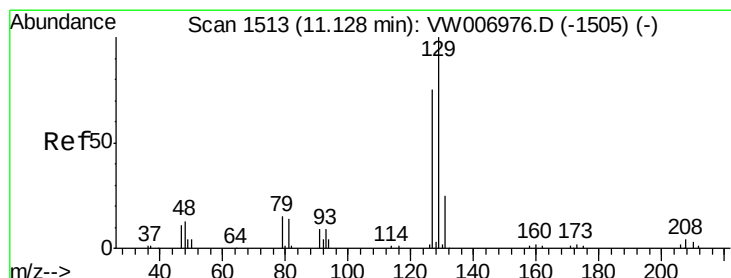
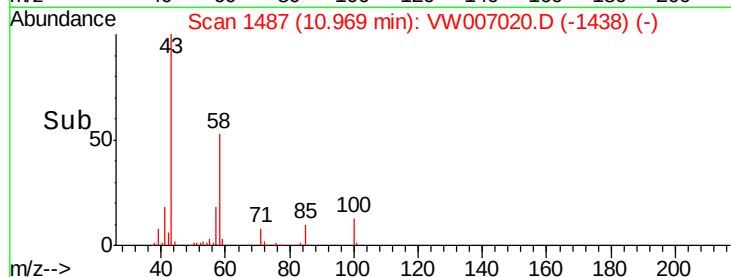
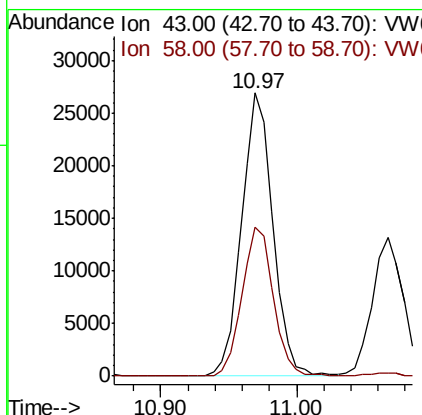
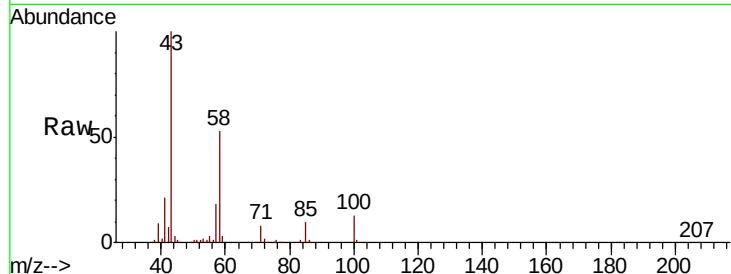
#59
2-Hexanone
Concen: 107.845 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	43	Resp	43183
Ion Ratio	100	Lower	Upper
43	100		
58	53.0	27.3	81.8

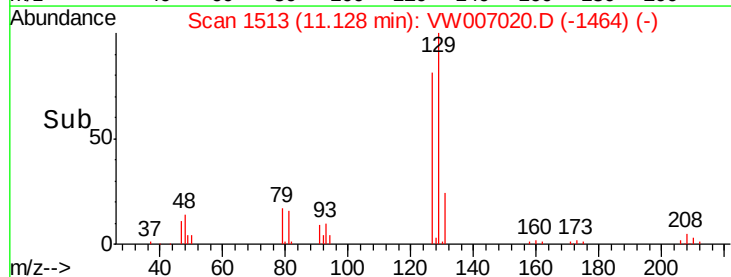
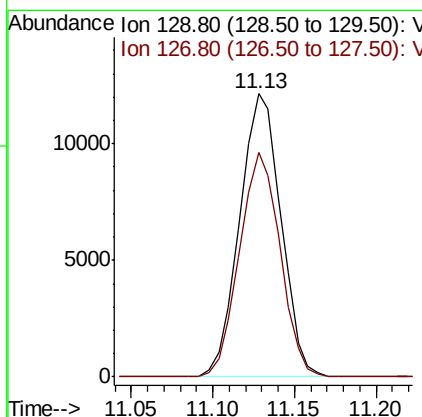
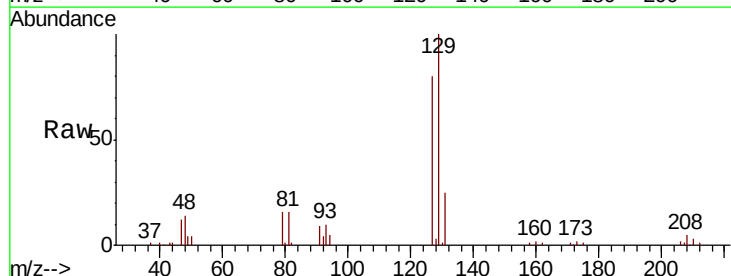
Manual Integrations
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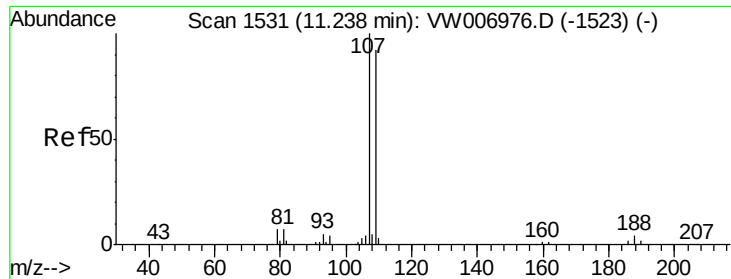
MMDadoda
11/26/2018 1:04:52 PM



#60
Dibromochloromethane
Concen: 22.919 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	129	Resp	21453	
Ion Ratio	129	100	Lower	Upper
129	100			
127	78.0	38.3	114.8	





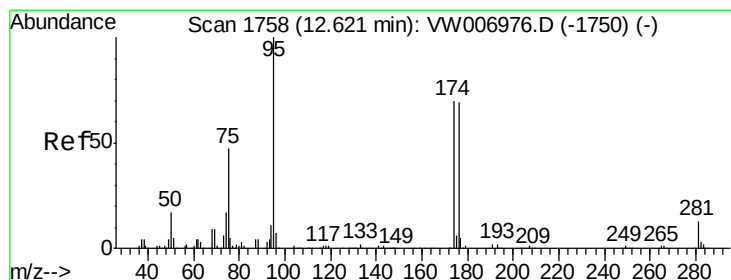
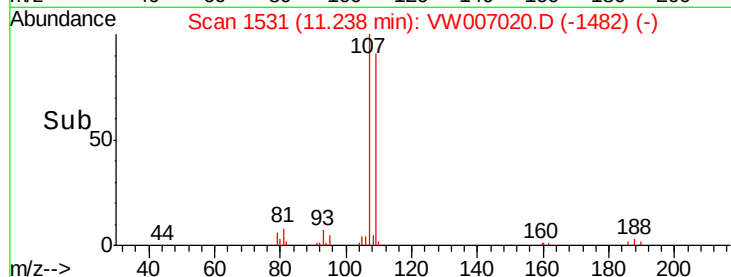
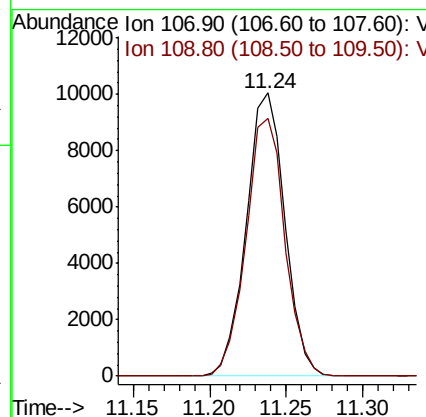
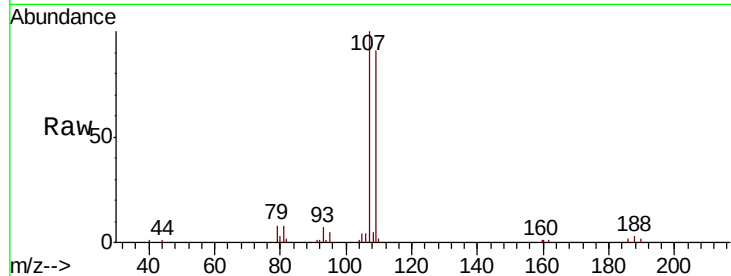
#61
 1,2-Dibromoethane
 Concen: 23.436 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.8	75.1	112.7

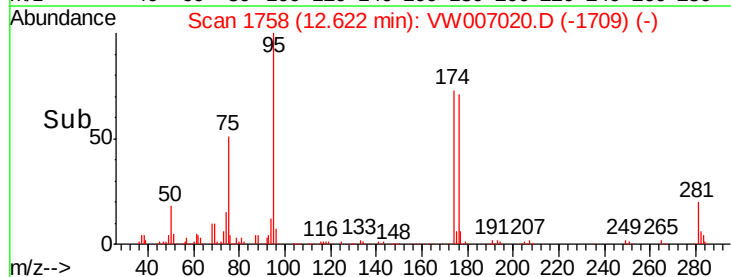
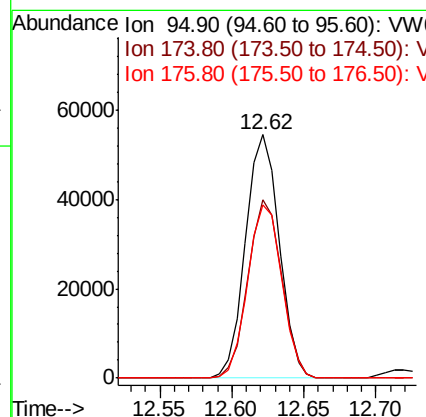
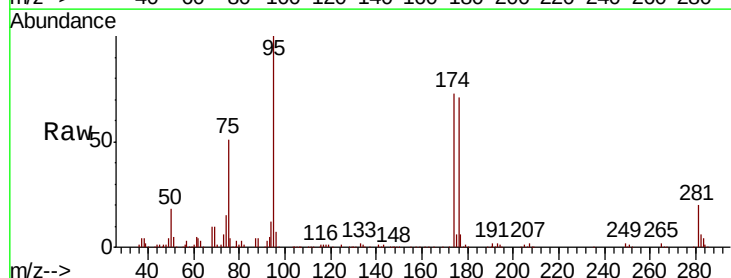
Manual Integrations
 APPROVED

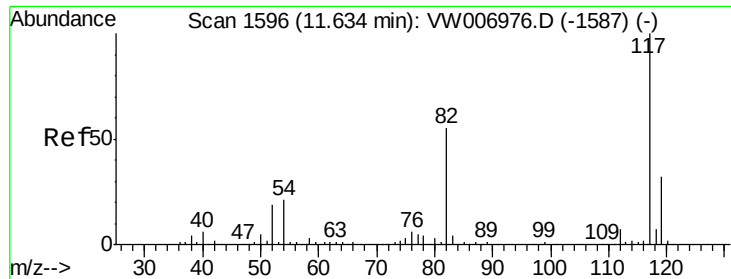
MMDadoda
 11/26/2018 1:04:52 PM



#62
 4-Bromofluorobenzene
 Concen: 52.631 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	143.6
176	71.7	0.0	140.4





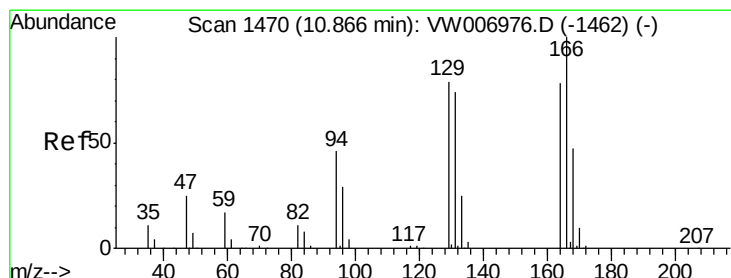
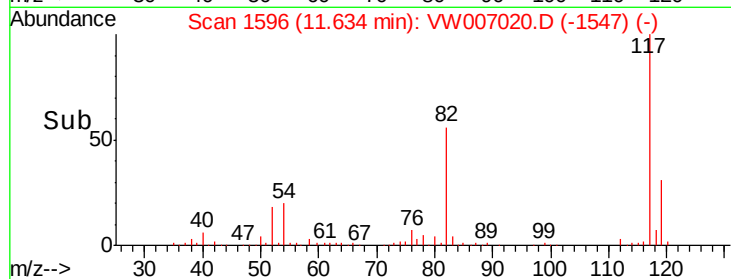
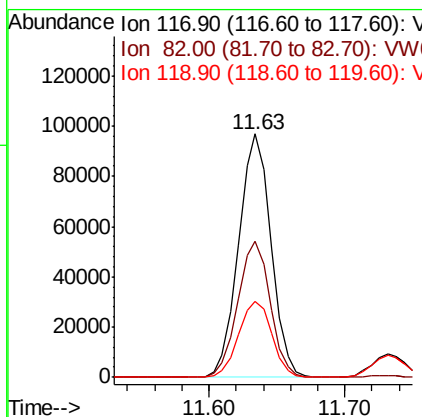
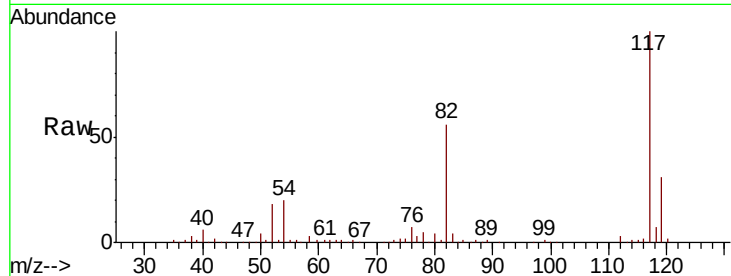
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	31.4	25.9	38.9

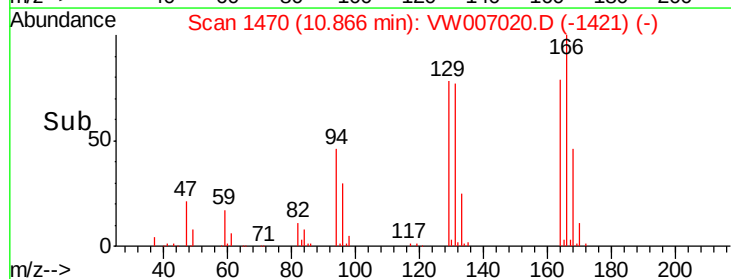
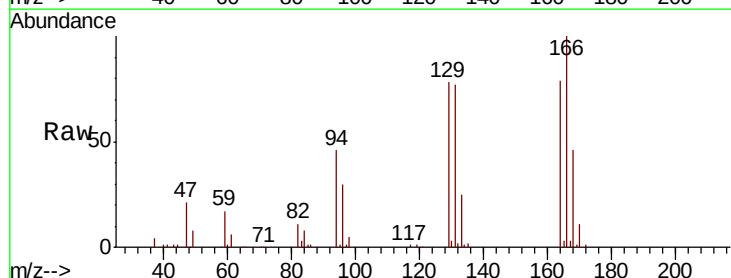
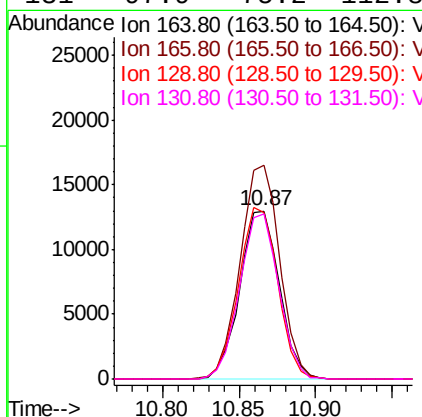
Manual Integrations
APPROVED

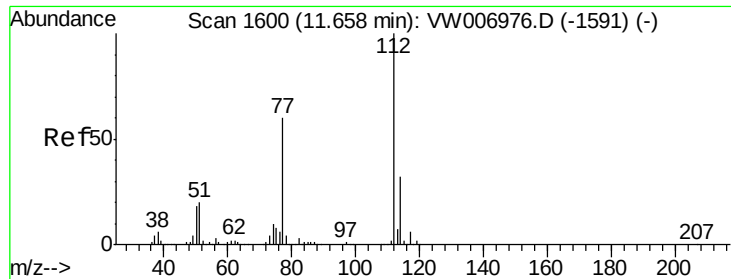
MMDadoda
11/26/2018 1:04:52 PM



#64
Tetrachloroethene
Concen: 22.552 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.1	153.1
129	98.6	80.4	120.6
131	97.9	75.2	112.8





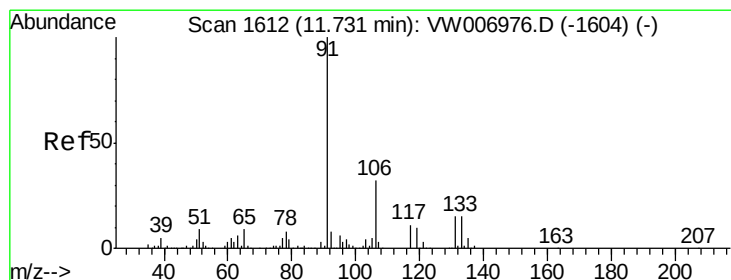
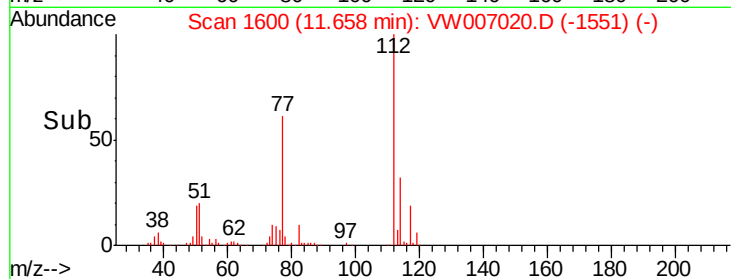
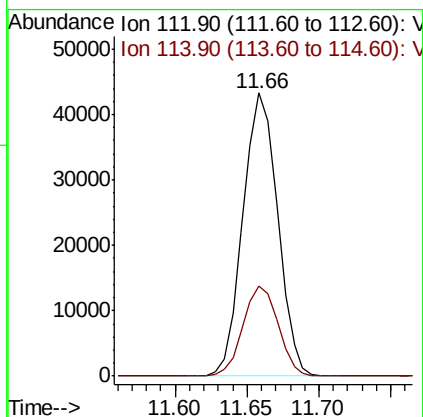
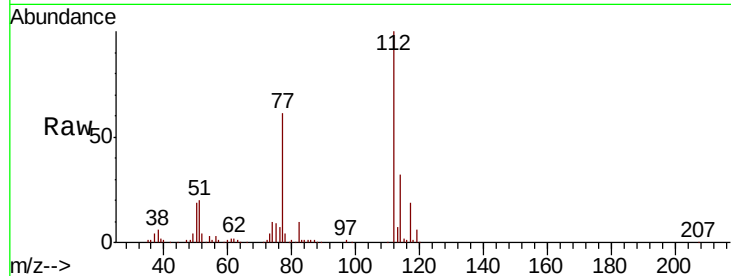
#65
Chlorobenzene
Concen: 21.598 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.8

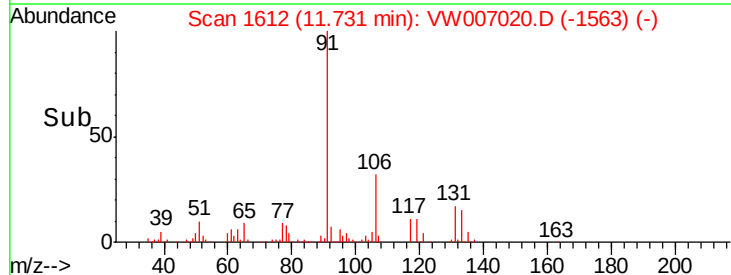
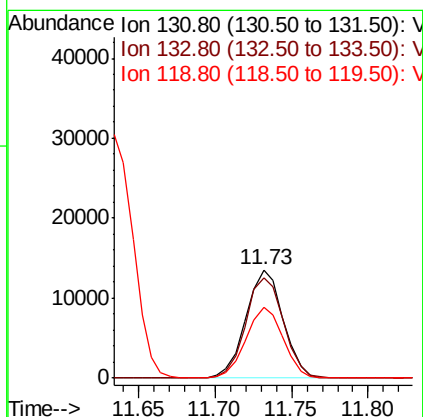
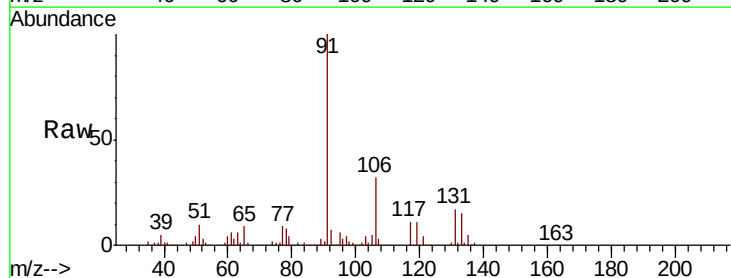
Manual Integrations
APPROVED

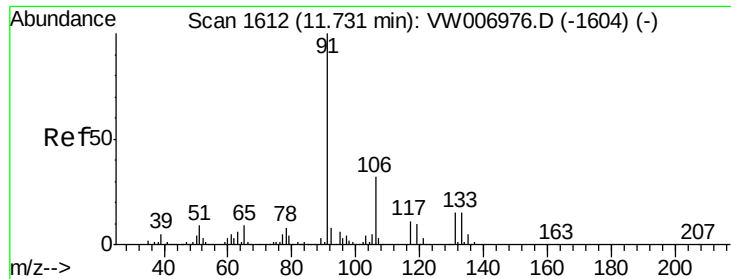
MMDadoda
11/26/2018 1:04:52 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.592 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.7	143.1
119	65.2	31.8	95.3





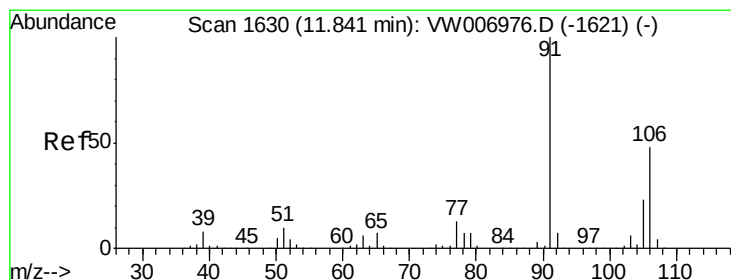
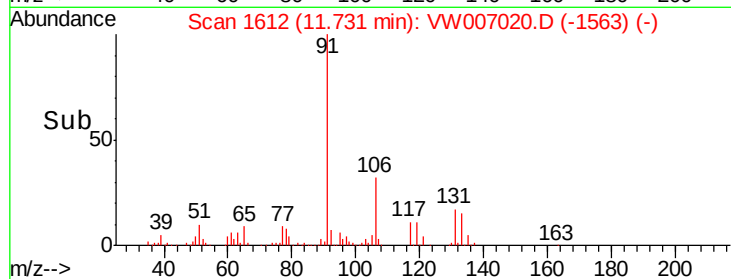
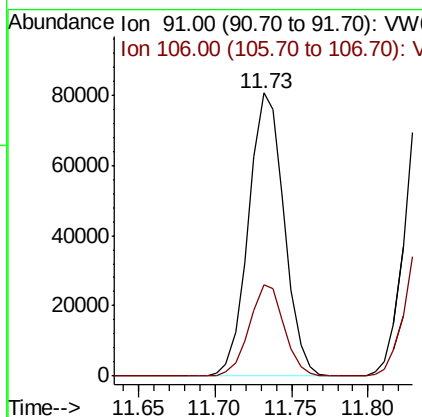
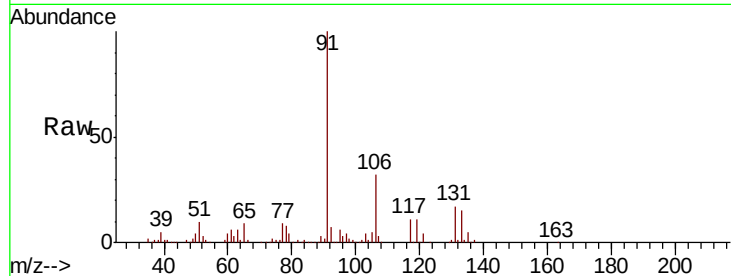
#67
Ethyl Benzene
Concen: 21.165 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion: 91 Resp: 130500
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2

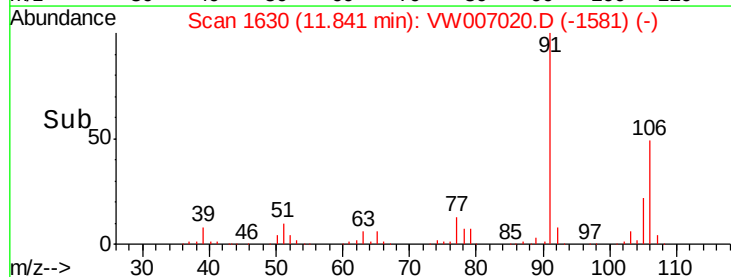
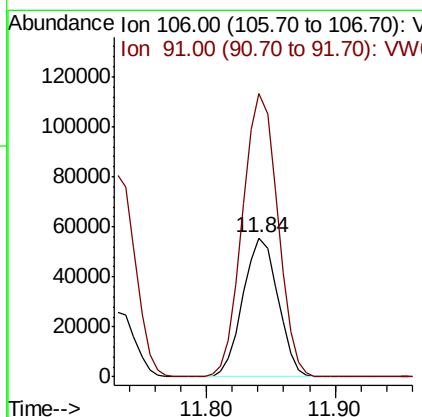
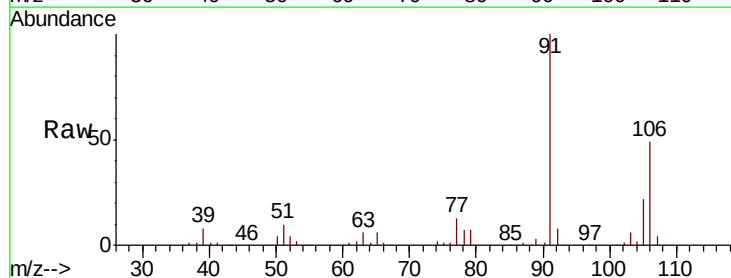
Manual Integrations
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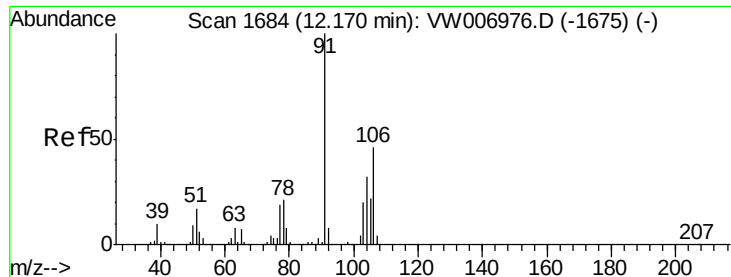
MMDadoda
11/26/2018 1:04:52 PM



#68
m/p-Xylenes
Concen: 43.231 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion: 106 Resp: 104579
Ion Ratio Lower Upper
106 100
91 205.1 164.8 247.2





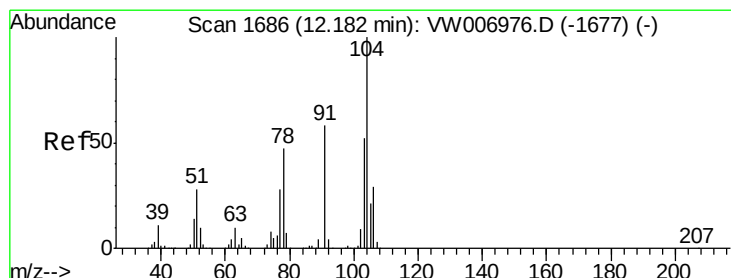
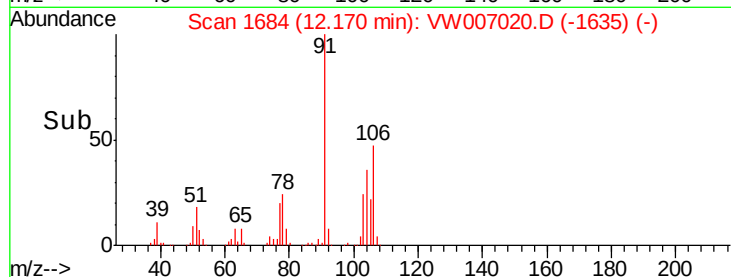
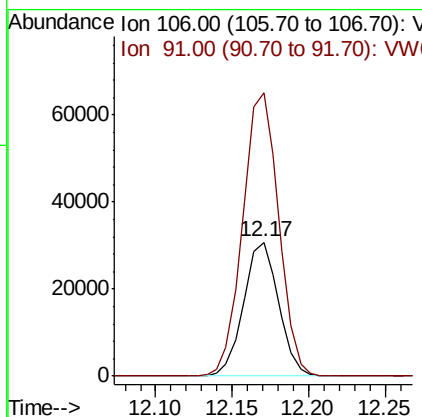
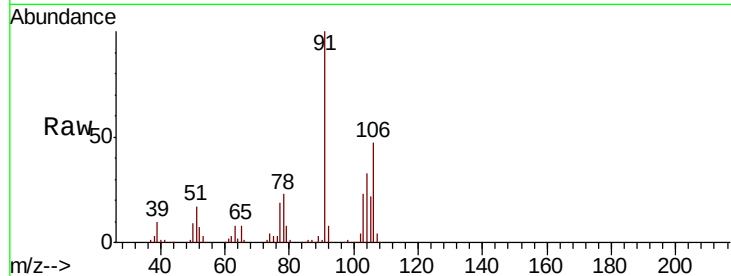
#69
o-Xylene
Concen: 21.421 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.1	107.9	323.8

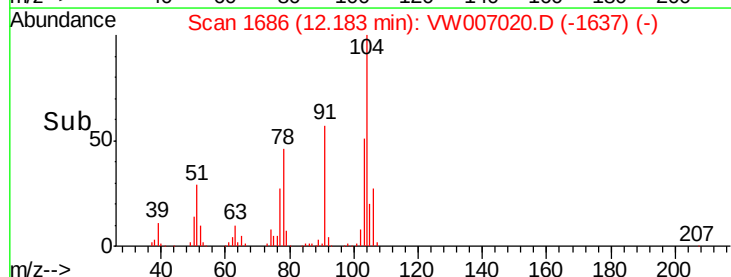
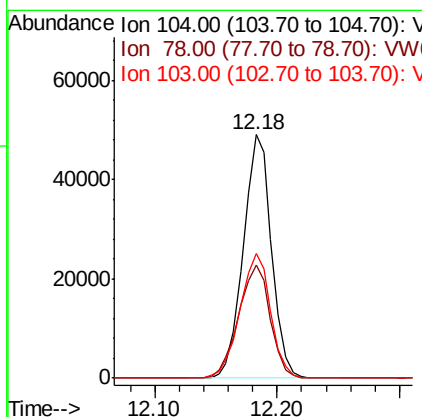
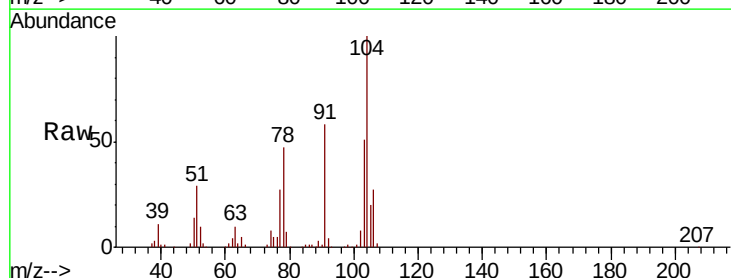
Manual Integrations
APPROVED

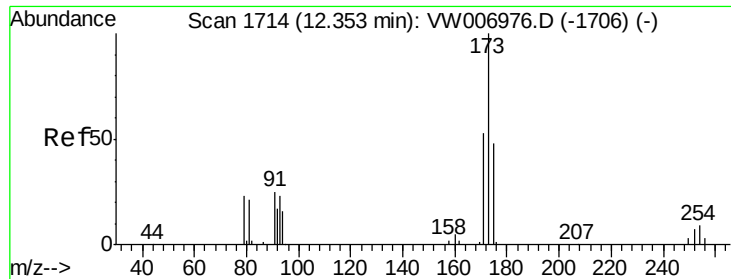
MMDadoda
11/26/2018 1:04:52 PM



#70
Styrene
Concen: 21.528 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.8	62.8
103	55.6	44.4	66.6





#71

Bromoform

Concen: 23.054 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

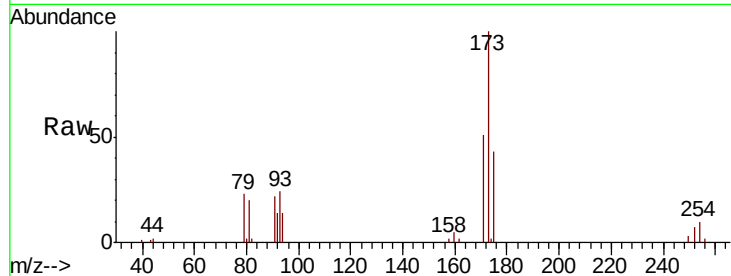
ClientSampleId :

VW1122SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
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MMDadoda
11/26/2018 1:04:52 PM

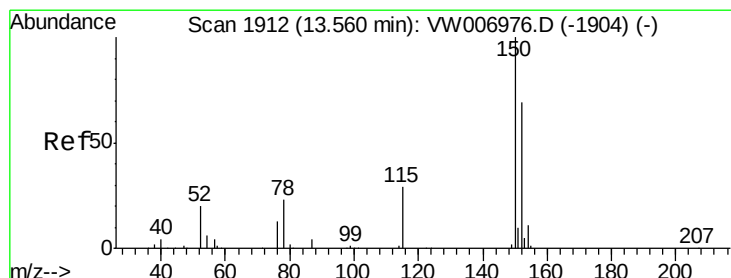
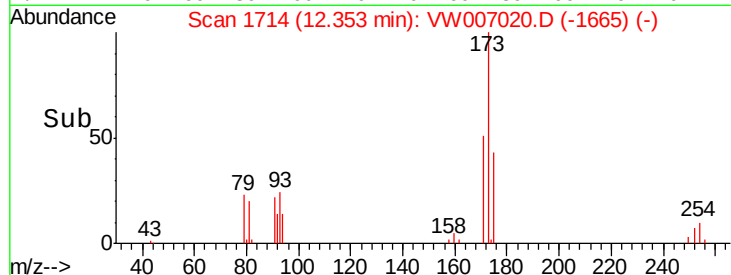
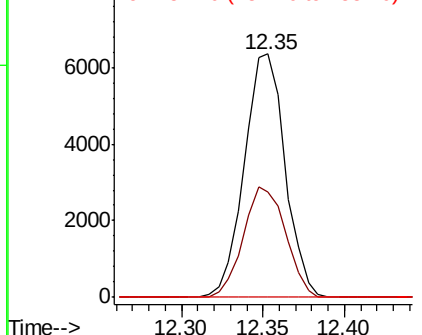


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

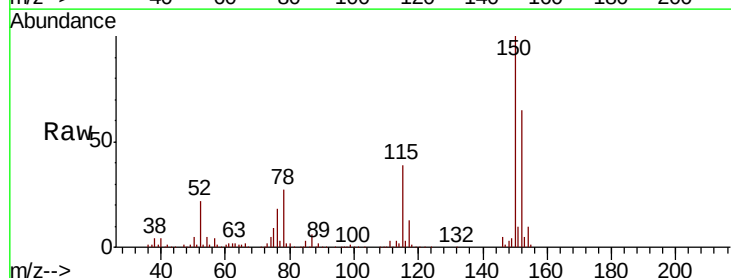
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.4	94.2
150	165.2	0.0	353.4

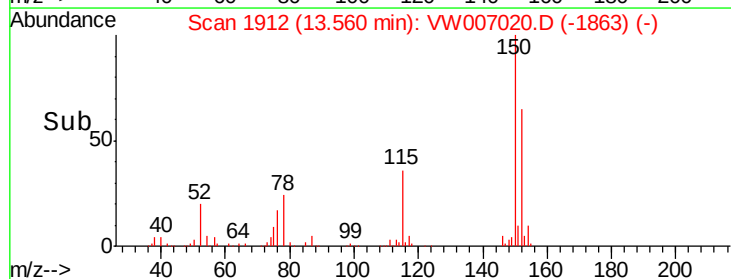
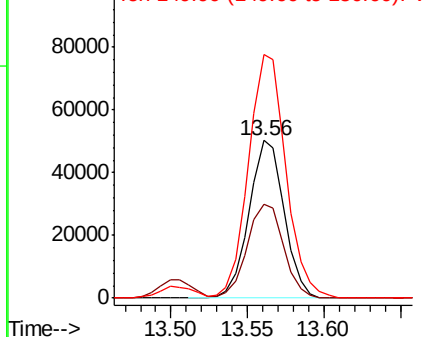


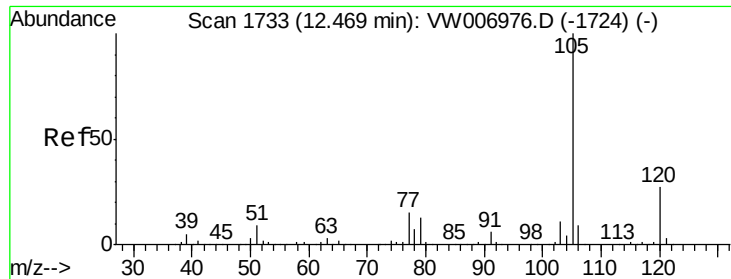
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





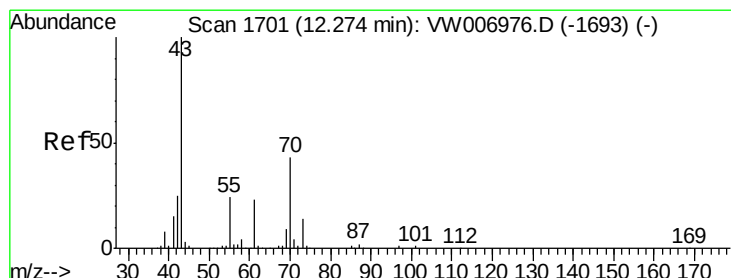
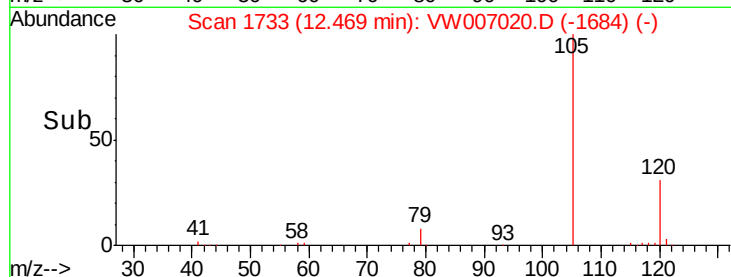
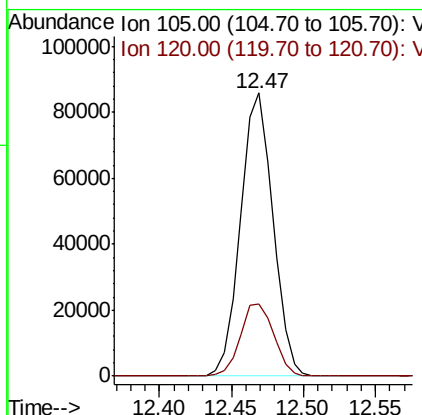
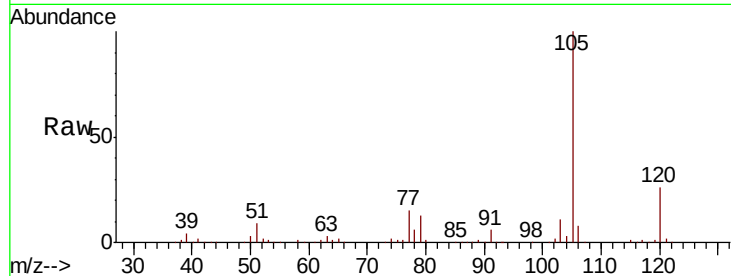
#73
Isopropylbenzene
Concen: 21.489 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion: 105 Resp: 133695
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8

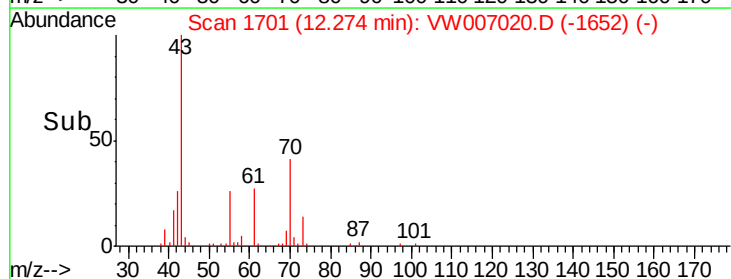
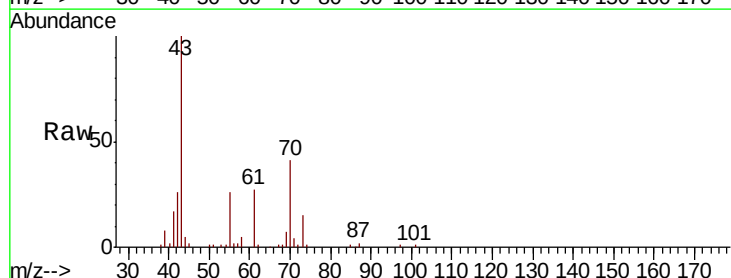
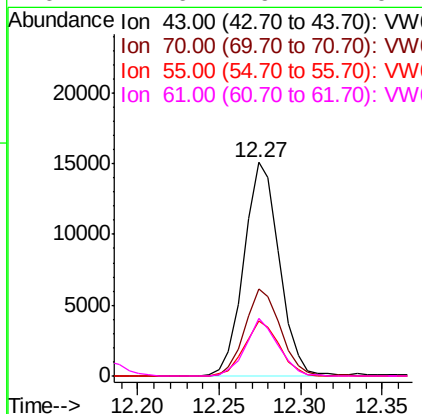
Manual Integrations
APPROVED

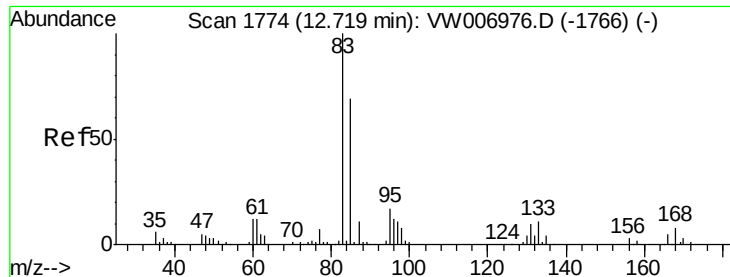
MMDadoda
11/26/2018 1:04:52 PM



#74
N-ethyl acetate
Concen: 21.839 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion: 43 Resp: 22773
Ion Ratio Lower Upper
43 100
70 40.9 34.0 51.0
55 25.6 19.4 29.0
61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.537 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

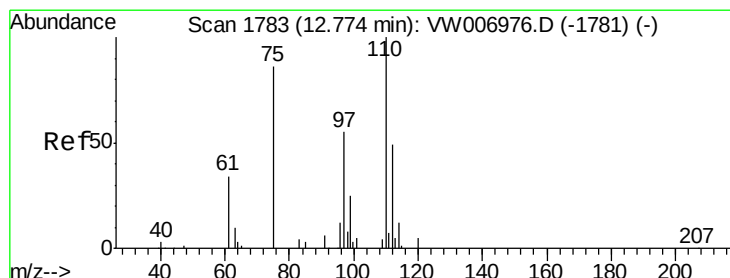
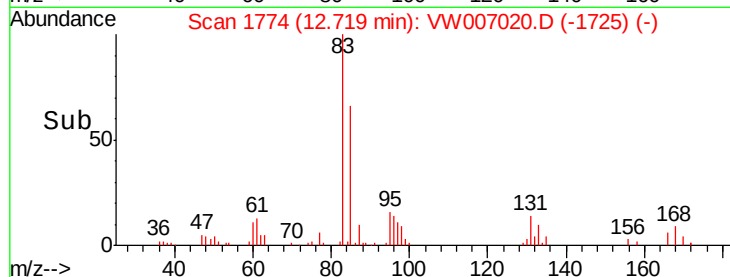
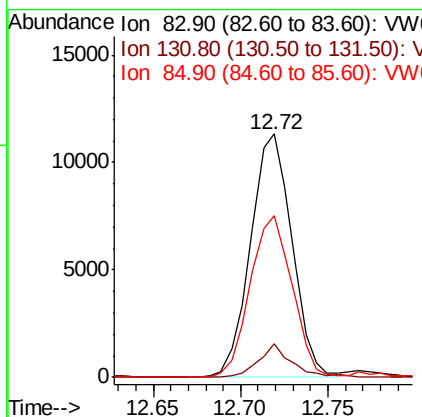
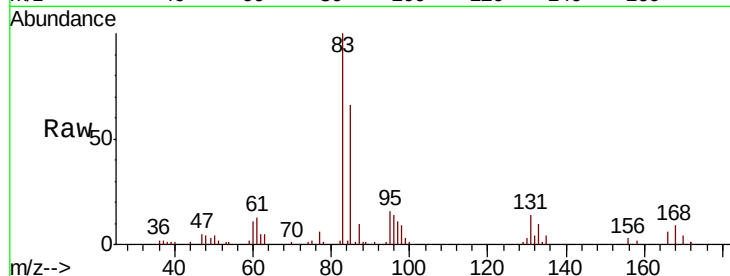
ClientSampleId :

VW1122SBS02

Tot Ion:	83	Resp:	18661
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.1
85	67.5	33.1	99.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.441 ug/l m

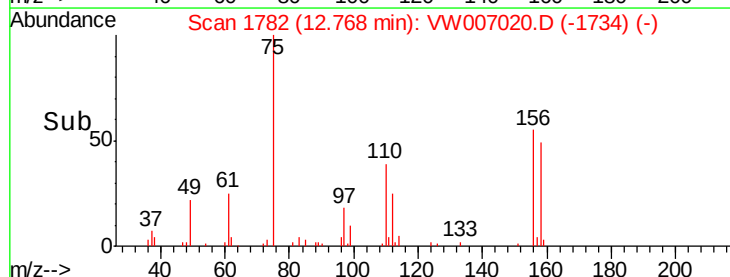
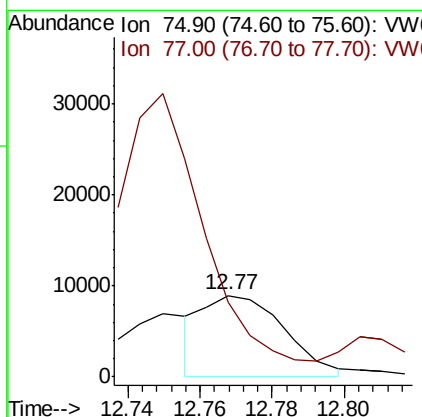
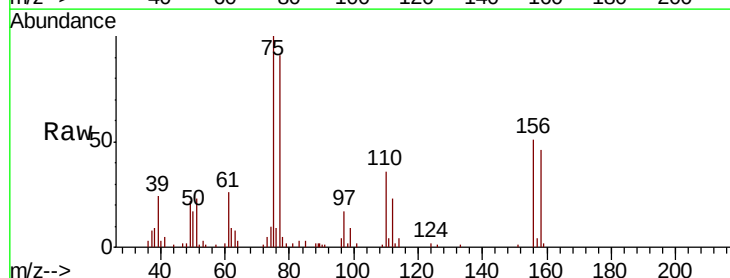
RT: 12.77 min Scan# 1782

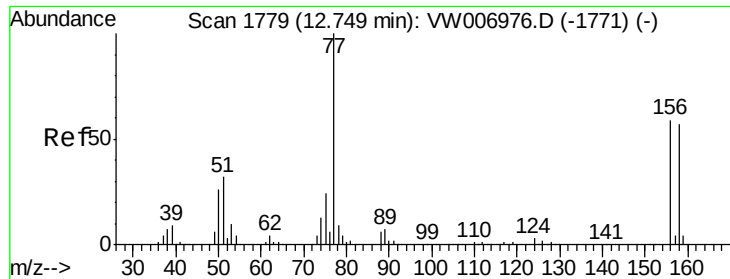
Delta R.T. -0.01 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Tgt Ion:	75	Resp:	14117
Ion Ratio	Lower	Upper	
75	100		
77	387.9	0.0	0.0#





#77

Bromobenzene

Concen: 21.597 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Instrument :

MSVOA_W

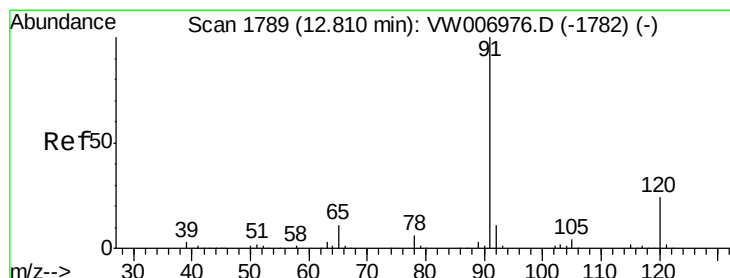
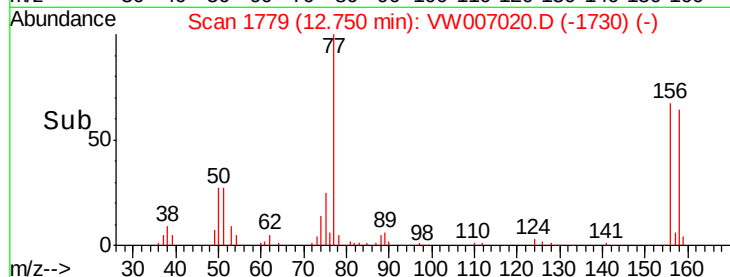
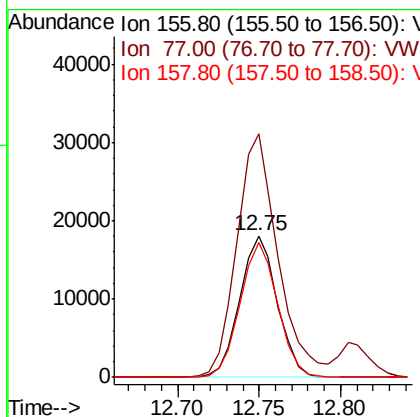
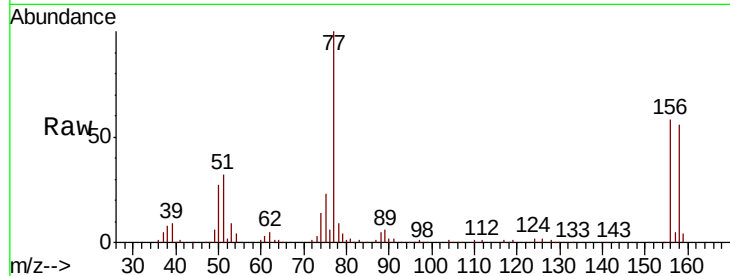
ClientSampleId :

VW1122SBS02

Tot Ion:	156	Resp:	28860
Ion Ratio	Lower	Upper	
156	100		
77	189.7	94.6	283.8
158	95.0	48.9	146.7

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#78

n-propylbenzene

Concen: 20.819 ug/l

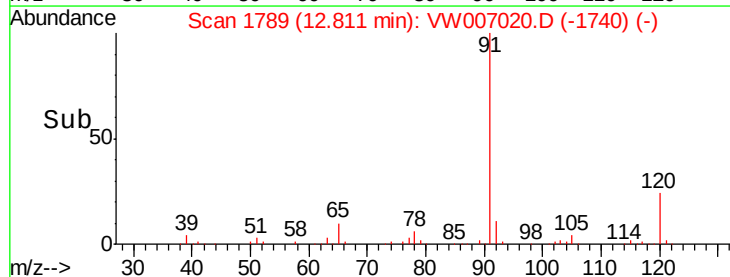
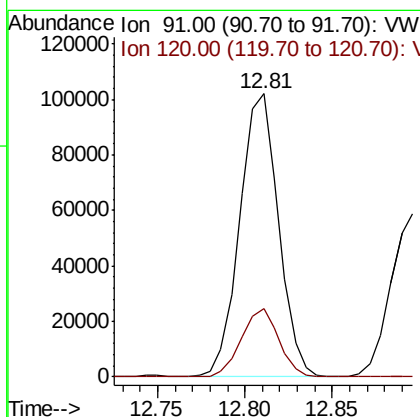
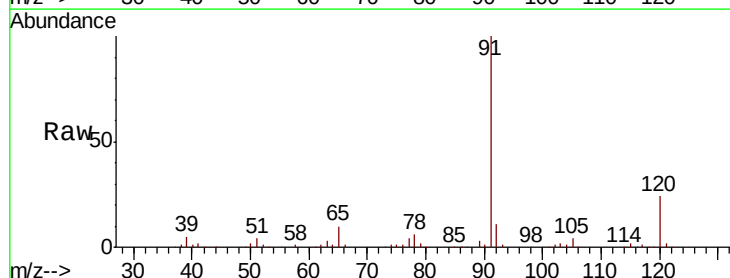
RT: 12.81 min Scan# 1789

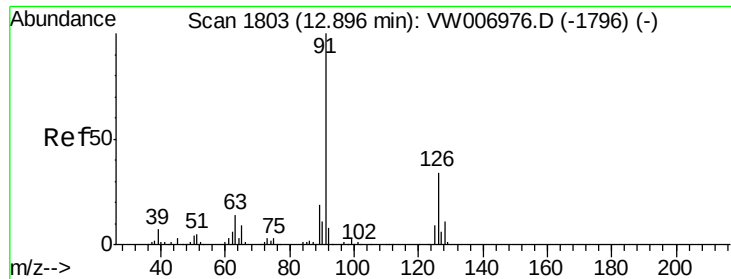
Delta R.T. 0.00 min

Lab File: VW007020.D

Acq: 22 Nov 2018 02:02

Tgt Ion:	91	Resp:	156903
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.1





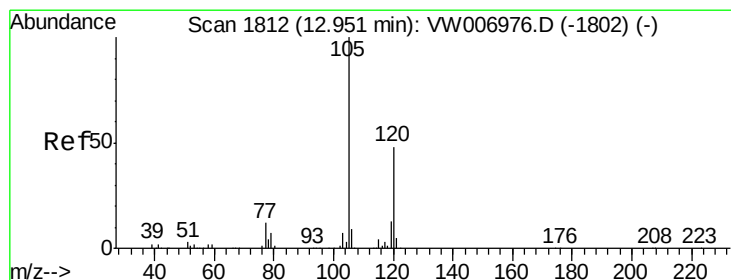
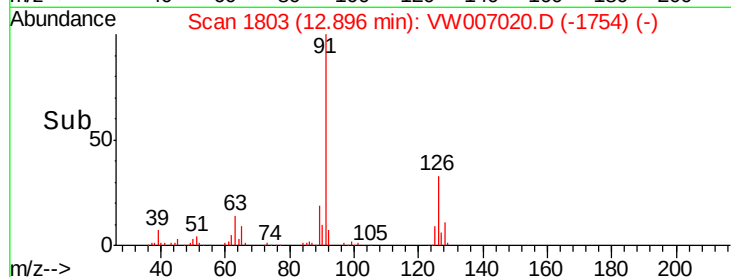
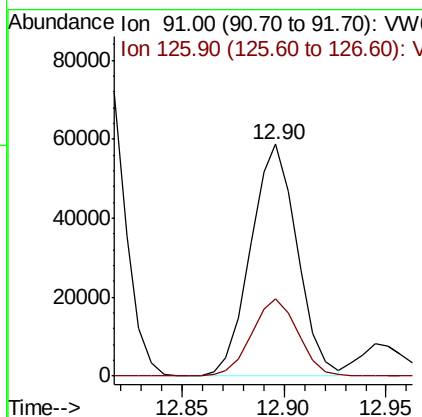
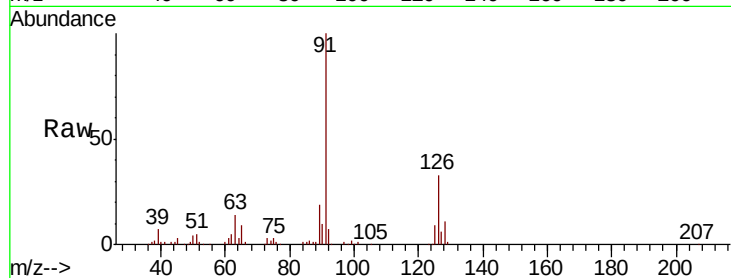
#79
2-Chlorotoluene
Concen: 21.365 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion: 91 Resp: 92841
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

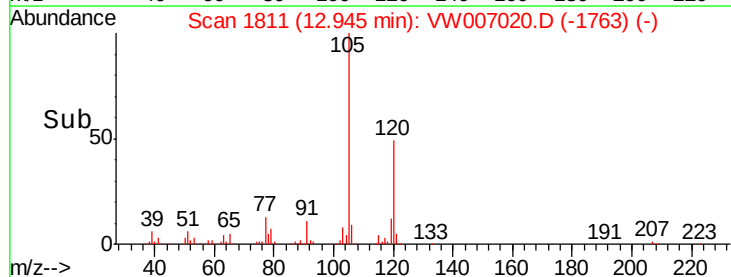
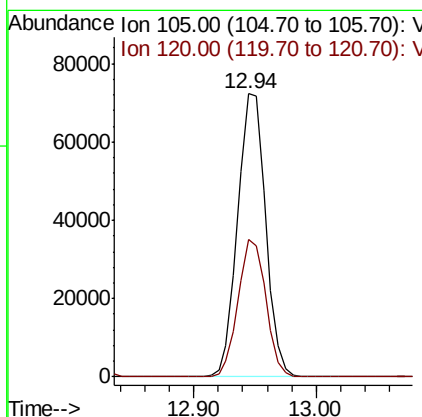
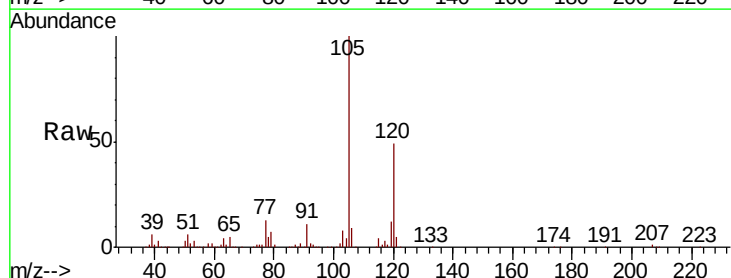
Manual Integrations
APPROVED

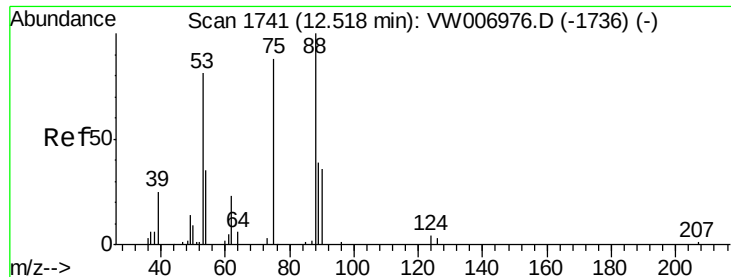
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 21.313 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion:105 Resp: 114668
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.2





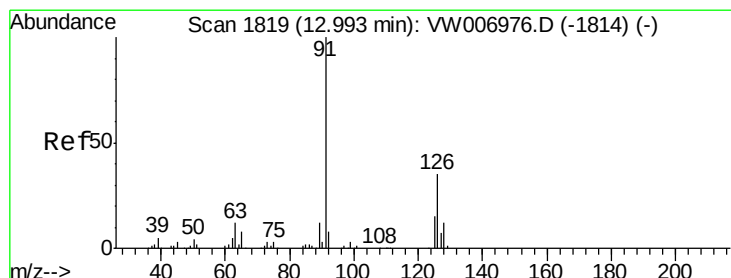
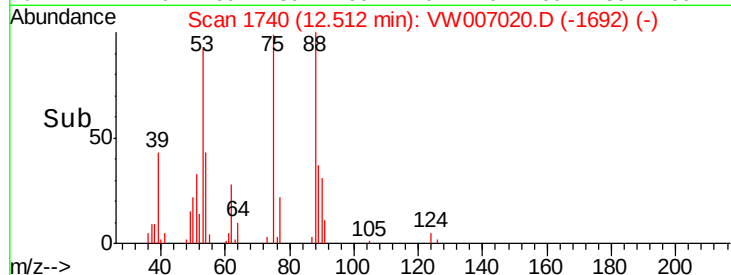
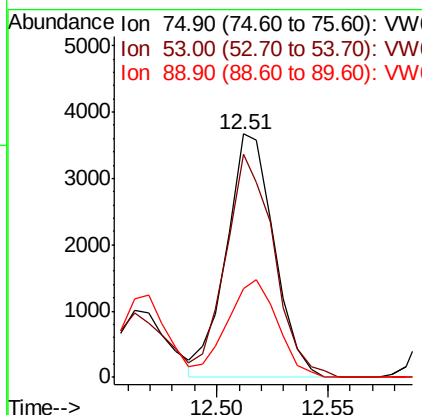
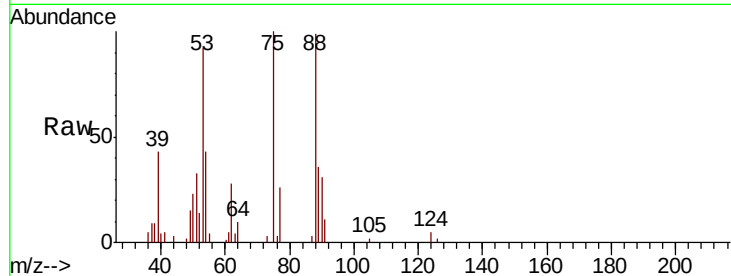
#81
trans-1,4-Dichloro-2-butene
Concen: 21.851 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.8	77.6	116.4
89	42.7	39.3	58.9

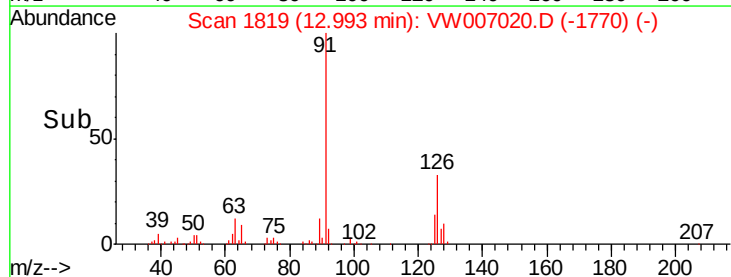
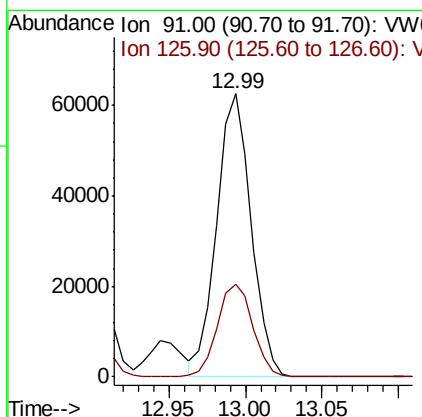
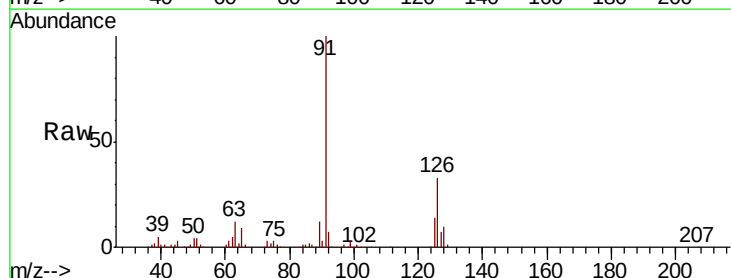
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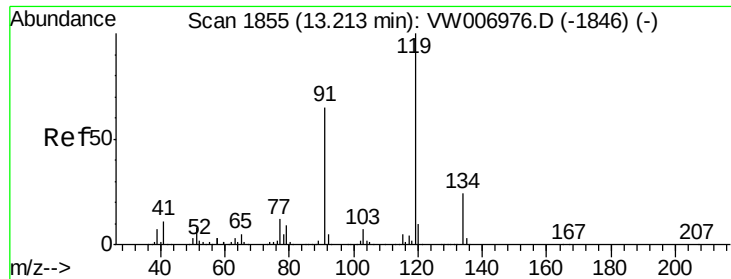
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#82
4-Chlorotoluene
Concen: 21.416 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.6	49.7





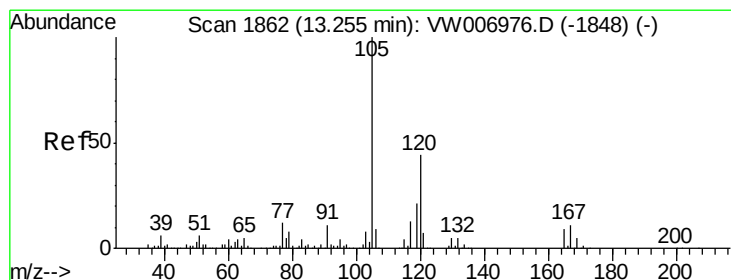
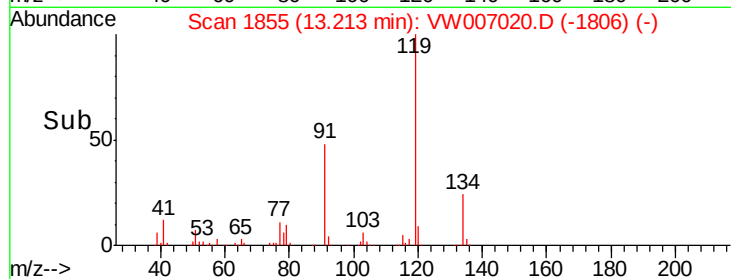
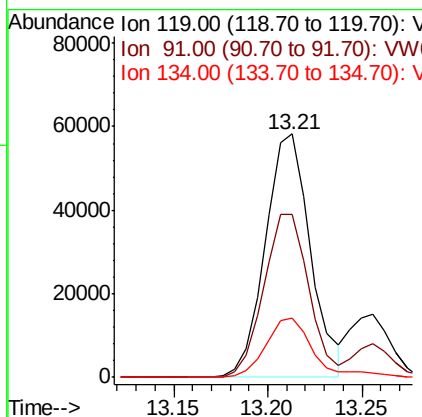
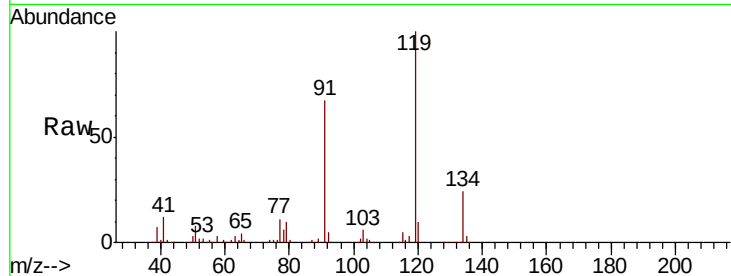
#83
 tert-Butylbenzene
 Concen: 20.783 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.0	33.5	100.5
134	25.5	12.6	37.8

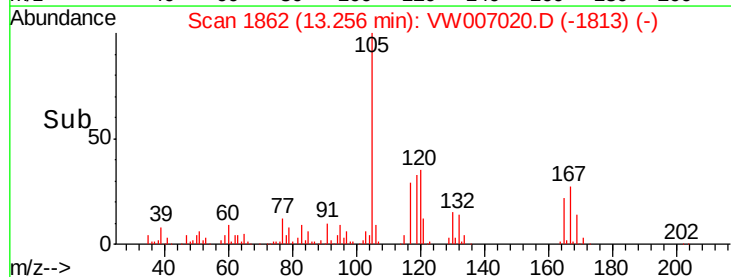
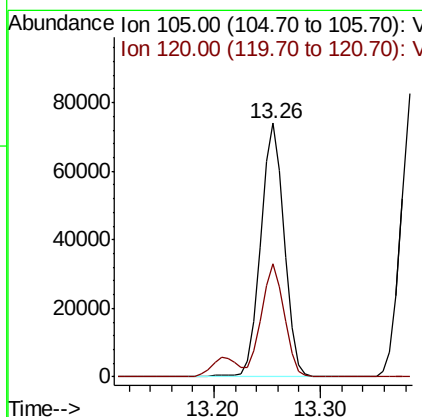
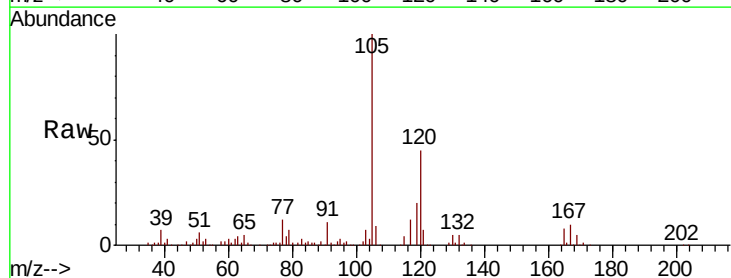
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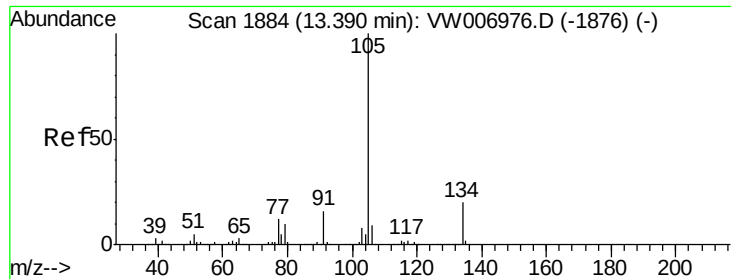
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.342 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.8	65.3





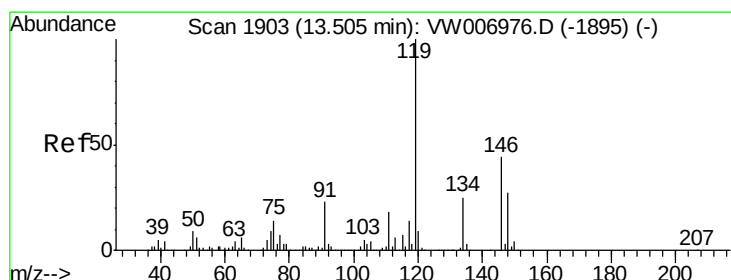
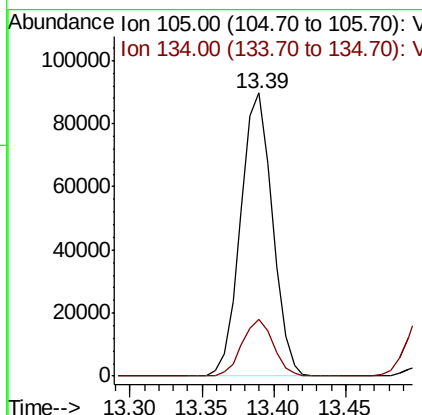
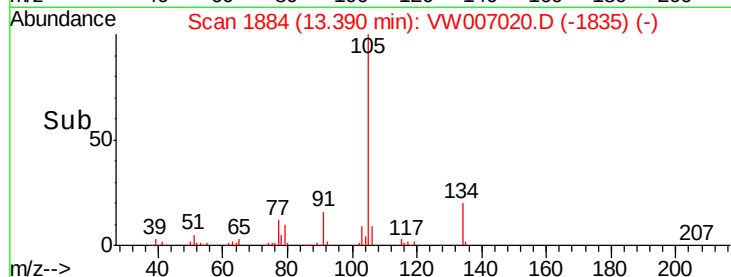
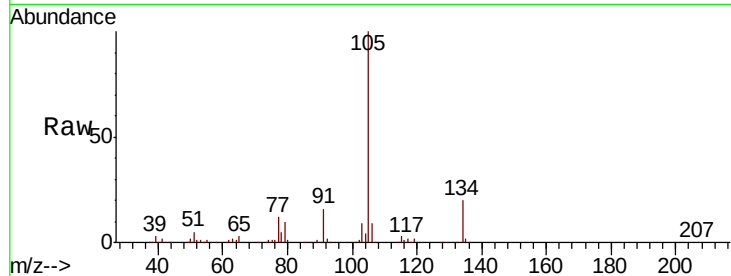
#85
 sec-Butylbenzene
 Concen: 20.876 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.3

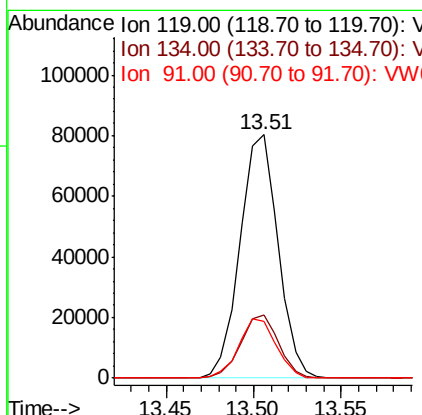
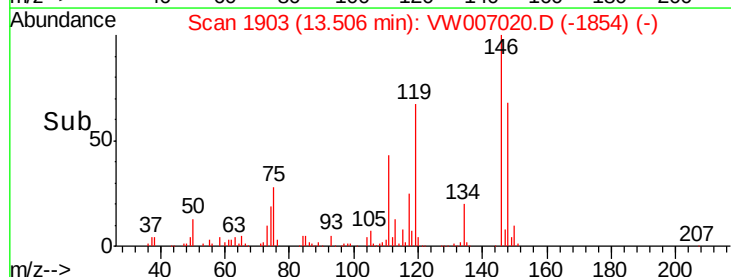
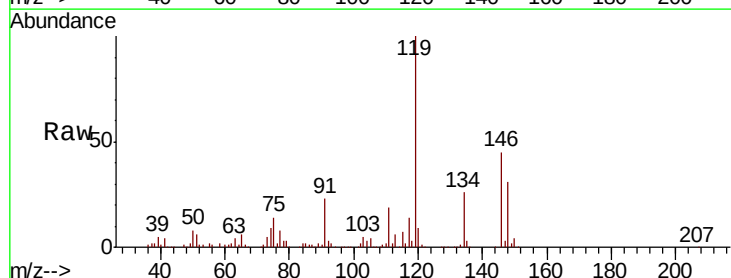
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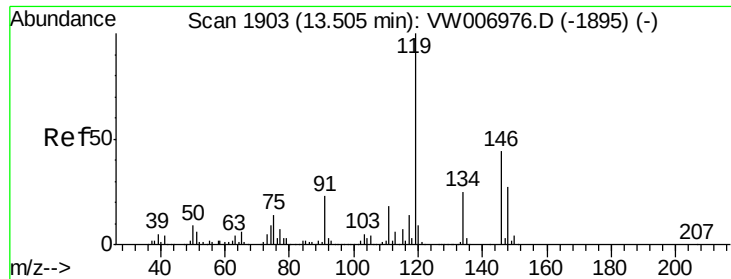
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#86
 p-Isopropyltoluene
 Concen: 20.960 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.3
91	24.3	12.2	36.6





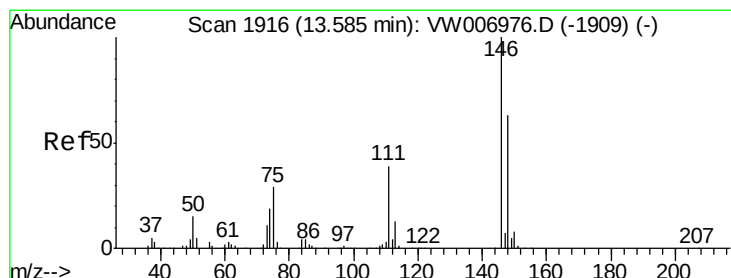
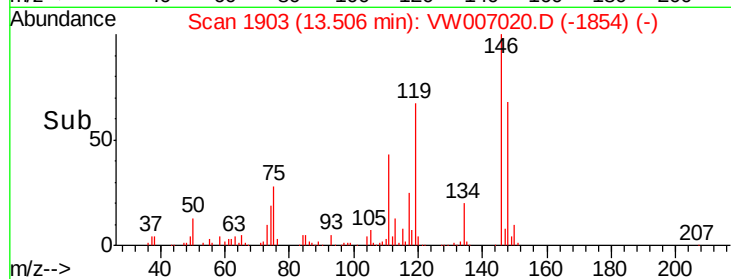
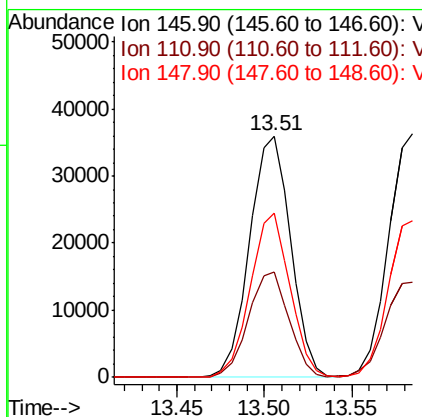
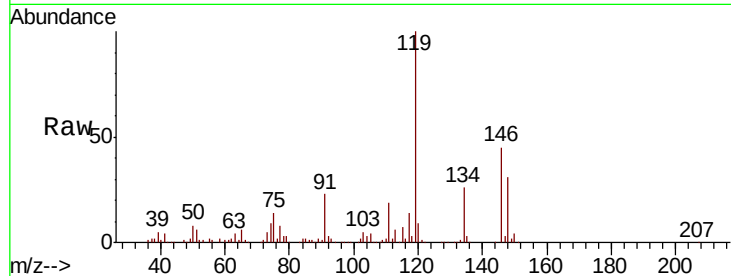
#87
 1,3-Dichlorobenzene
 Concen: 21.527 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.3
148	65.7	31.6	94.8

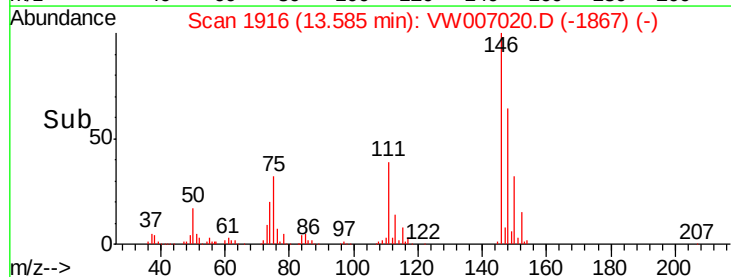
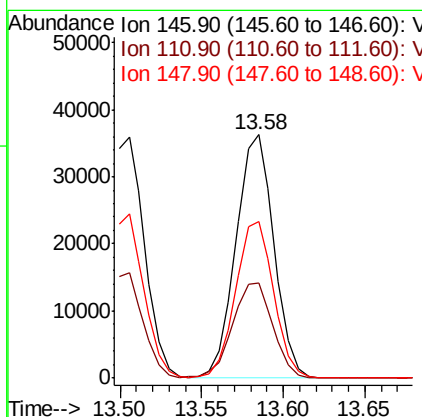
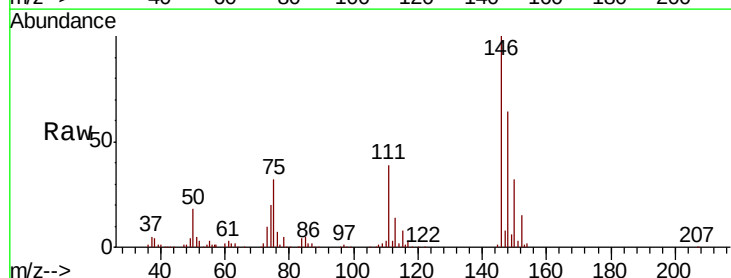
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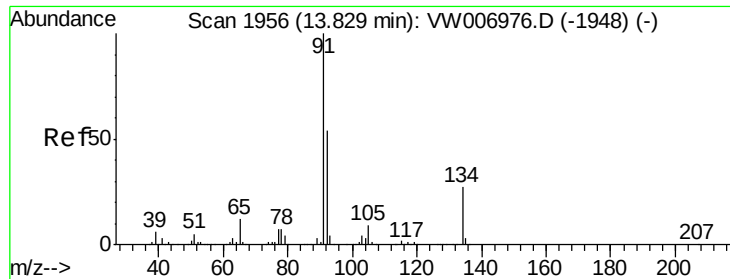
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#88
 1,4-Dichlorobenzene
 Concen: 21.591 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.6	61.8
148	64.5	32.3	96.8





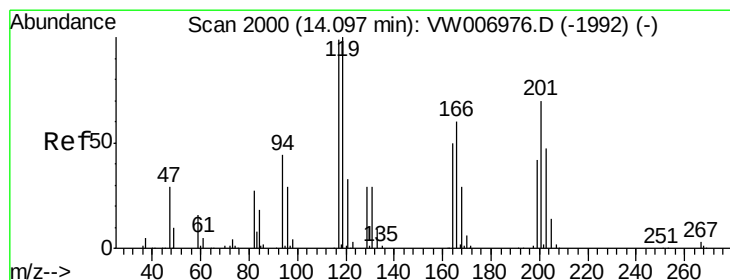
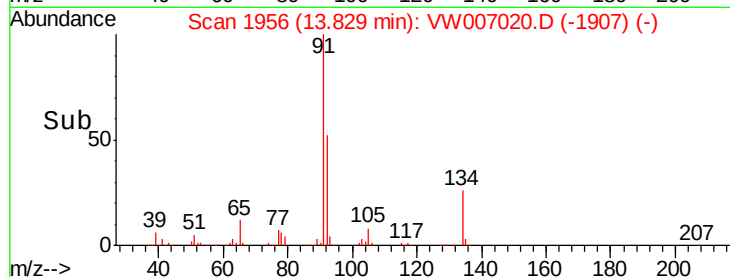
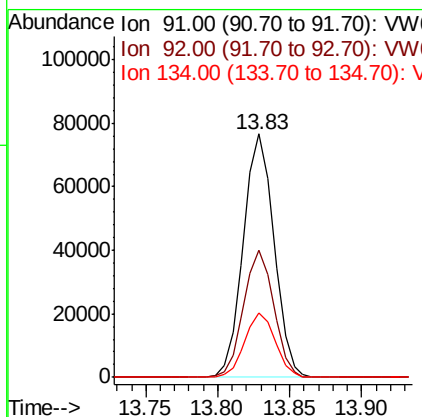
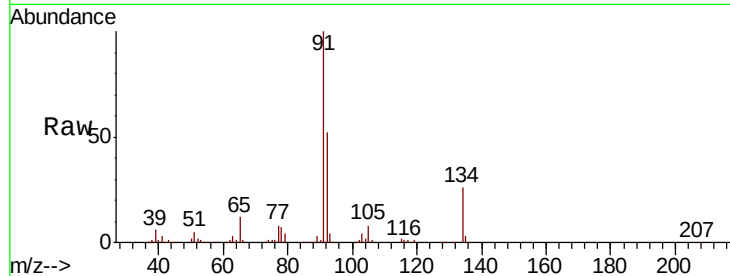
#89
n-Butylbenzene
Concen: 20.678 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.8	80.4
134	26.2	13.3	39.8

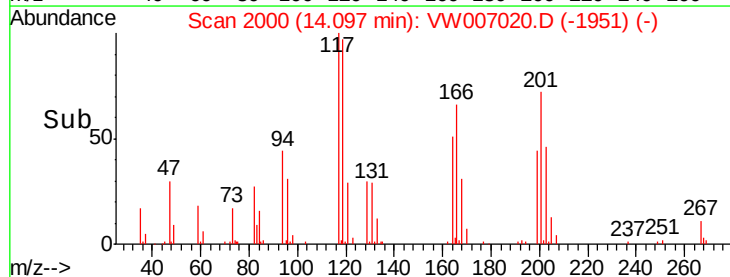
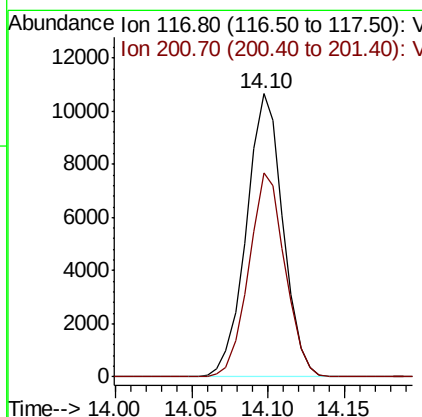
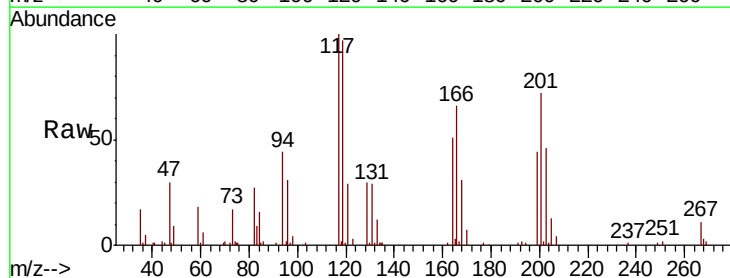
Manual Integrations
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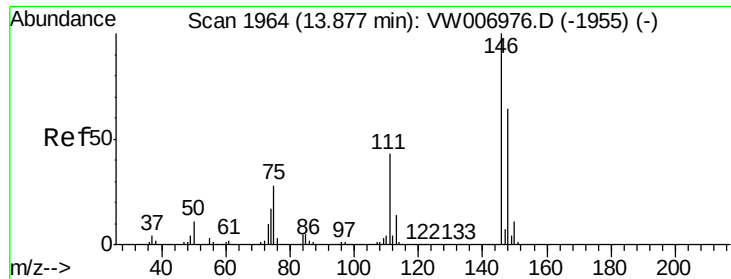
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#90
Hexachloroethane
Concen: 20.915 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.2	35.9	107.5





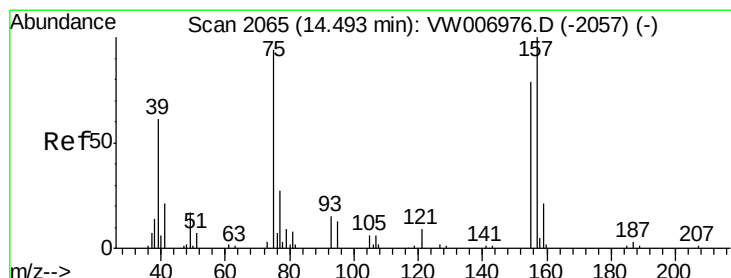
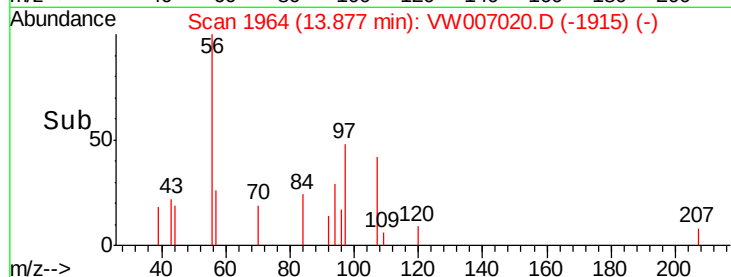
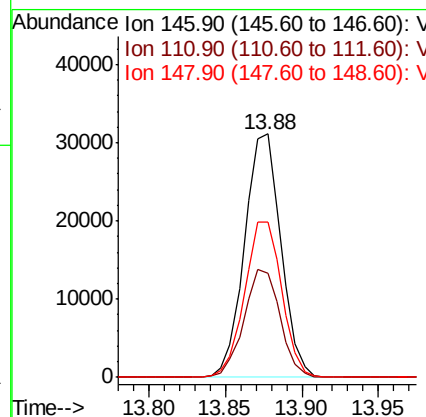
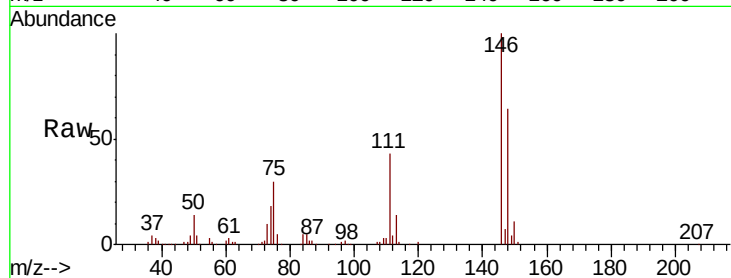
#91
 1,2-Dichlorobenzene
 Concen: 21.502 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.7
148	65.2	32.2	96.6

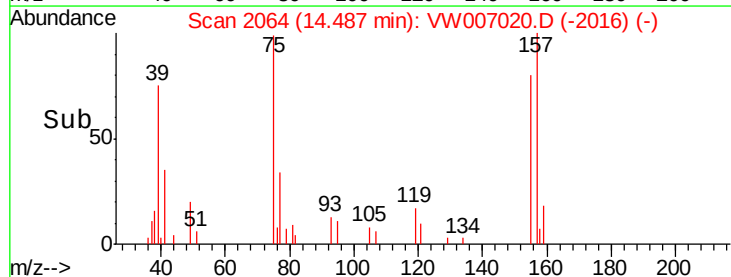
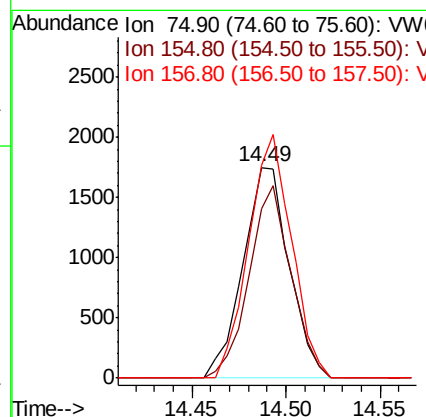
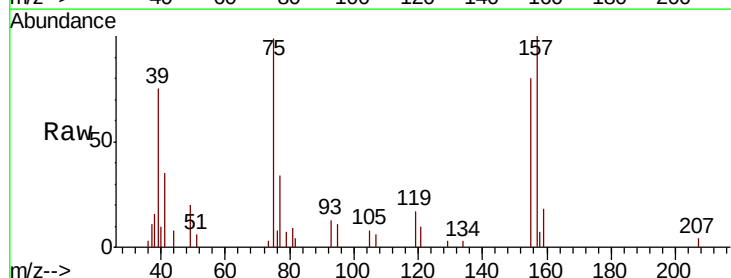
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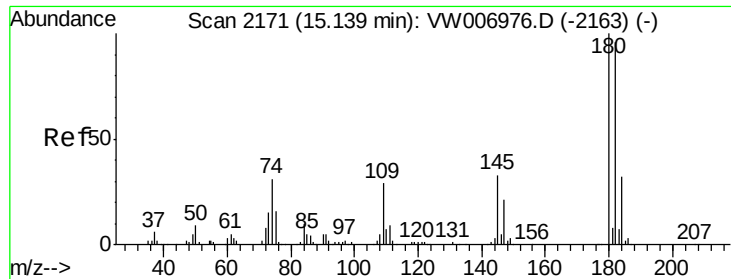
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 11/26/2018 1:04:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.267 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007020.D
 Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	42.6	127.8
157	107.2	55.0	165.0





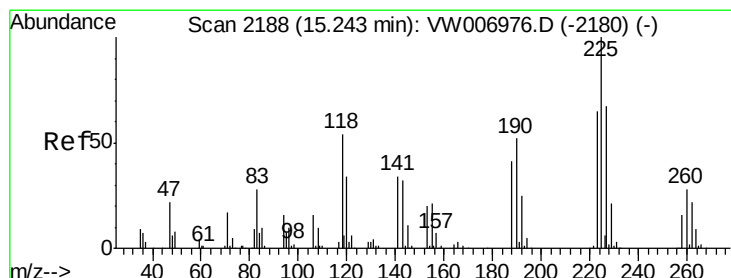
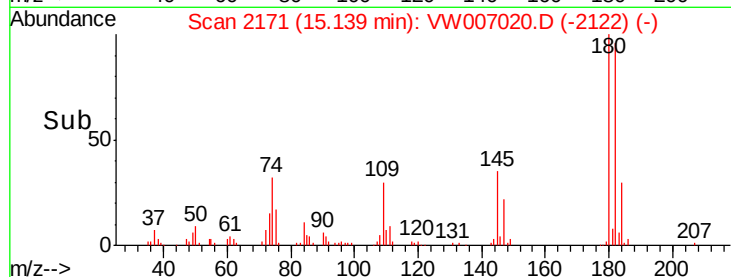
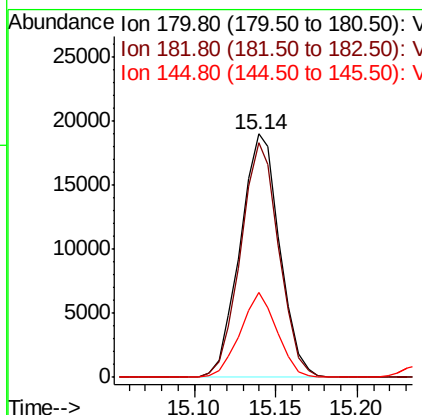
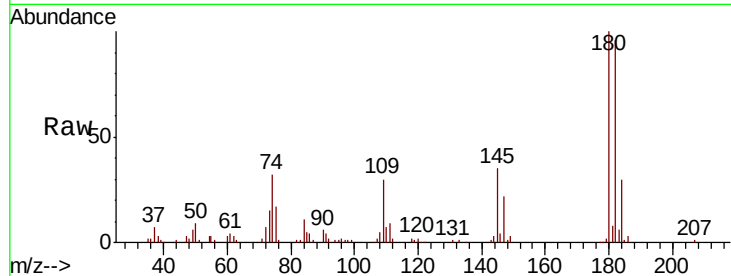
#93
1,2,4-Trichlorobenzene
Concen: 20.279 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.1	141.3
145	32.5	16.5	49.5

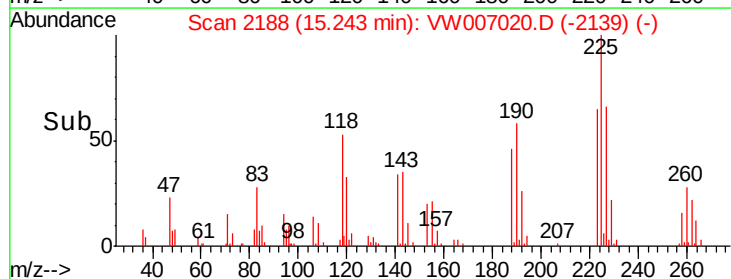
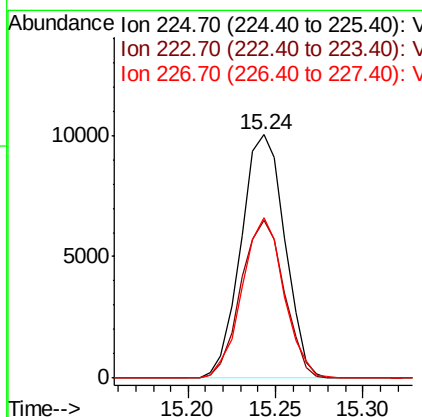
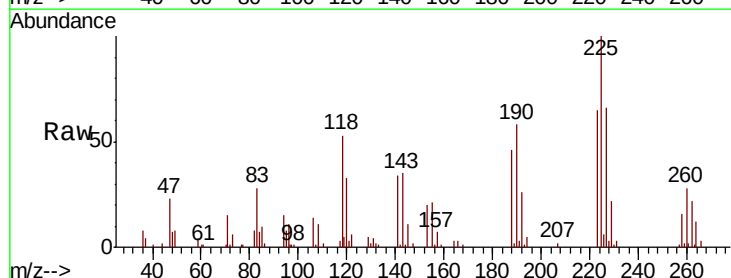
Manual Integrations
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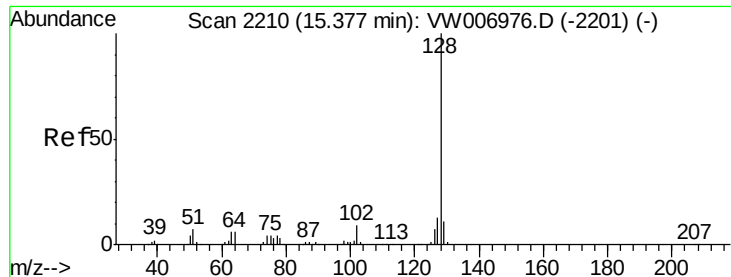
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#94
Hexachlorobutadiene
Concen: 20.374 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.4	97.0
227	62.8	31.9	95.5





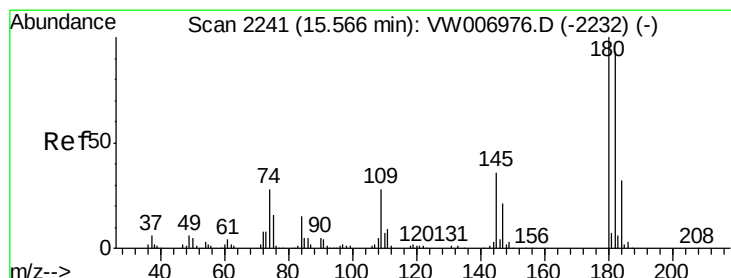
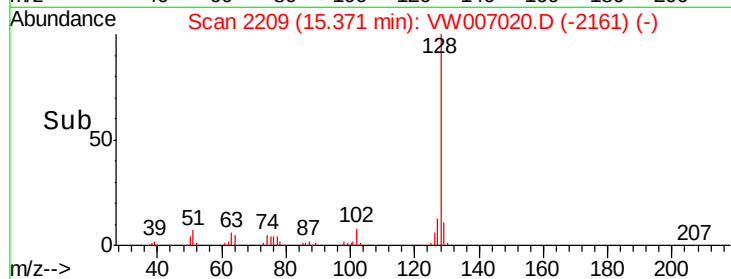
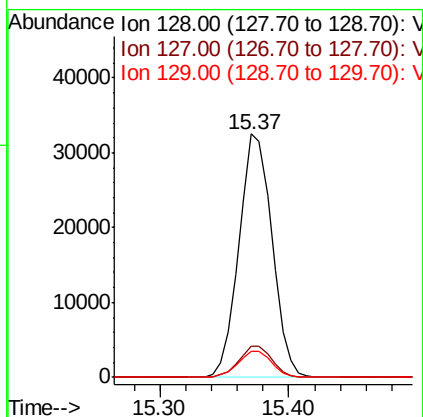
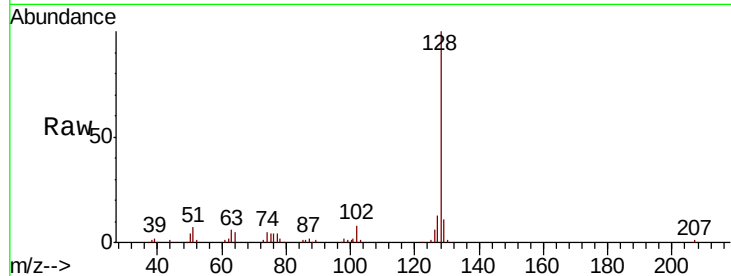
#95
Naphthalene
Concen: 20.227 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/26/2018 1:04:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.602 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007020.D
Acq: 22 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.0	141.2
145	36.2	18.0	54.0

