

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007000.D
 Acq On : 21 Nov 2018 15:15
 Operator : VAY/AP
 Sample : VW1122SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:49 PM

Quant Time: Nov 21 16:49:35 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	118865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	185282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	168903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	56055	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	7.88	113	52073	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.32	98	227946	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	85618	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	29271	24.941	ug/l	99
3) Chloromethane	2.21	50	22646	23.154	ug/l	95
4) Vinyl Chloride	2.36	62	22579	23.464	ug/l	99
5) Bromomethane	2.78	94	11280	21.962	ug/l	100
6) Chloroethane	2.92	64	11695	22.047	ug/l	91
7) Trichlorofluoromethane	3.26	101	43505	22.992	ug/l	94
8) Diethyl Ether	3.68	74	12698	20.826	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	28818	23.492	ug/l	99
10) Methyl Iodide	4.28	142	26703	19.016	ug/l	99
11) Tert butyl alcohol	5.21	59	6947	91.702	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	24103	22.403	ug/l	99
13) Acrolein	3.90	56	7822	100.541	ug/l	96
14) Allyl chloride	4.67	41	38602	21.632	ug/l	99
15) Acrylonitrile	5.38	53	22161	96.706	ug/l	98
16) Acetone	4.15	43	16853	99.747	ug/l	98
17) Carbon Disulfide	4.39	76	76629	22.030	ug/l	99
18) Methyl Acetate	4.68	43	10520	17.484	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	56698	20.183	ug/l	100
20) Methylene Chloride	4.92	84	29399	18.424	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	27409	21.869	ug/l	99
22) Diisopropyl ether	6.31	45	72994	21.016	ug/l	97
23) Vinyl Acetate	6.26	43	193231	104.762	ug/l	98
24) 1,1-Dichloroethane	6.22	63	44652	21.132	ug/l	99
25) 2-Butanone	7.18	43	27735	95.843	ug/l	94
26) 2,2-Dichloropropane	7.17	77	44606	23.475	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	28242	21.160	ug/l	97
28) Bromochloromethane	7.51	49	15054	19.062	ug/l #	98
29) Tetrahydrofuran	7.54	42	17380	92.735	ug/l	99
30) Chloroform	7.68	83	46210	20.585	ug/l	96
31) Cyclohexane	7.95	56	52089	23.241	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	47091	23.290	ug/l	98
36) 1,1-Dichloropropene	8.09	75	42474	23.459	ug/l	98
37) Ethyl Acetate	7.26	43	13172	20.076	ug/l	96
38) Carbon Tetrachloride	8.07	117	40554	23.390	ug/l	97

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Quant Time: Nov 21 16:49:35 2018
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 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	50782	22.412	ug/l	97
40) Benzene	8.32	78	105672	21.621	ug/l	100
41) Methacrylonitrile	7.49	41	8601	21.109	ug/l	89
42) 1,2-Dichloroethane	8.40	62	30012	21.151	ug/l	99
43) Isopropyl Acetate	8.43	43	24509	19.602	ug/l	99
44) Trichloroethene	9.09	130	30556	22.303	ug/l	97
45) 1,2-Dichloropropane	9.37	63	26290	21.821	ug/l	100
46) Dibromomethane	9.46	93	12223	20.259	ug/l	99
47) Bromodichloromethane	9.65	83	34136	21.474	ug/l	96
48) Methyl methacrylate	9.43	41	12613	20.921	ug/l	90
49) 1,4-Dioxane	9.48	88	3378	376.697	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	59888	94.781	ug/l	99
52) Toluene	10.39	92	71724	21.564	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	31518	20.468	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	39557	21.263	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17962	20.235	ug/l	98
56) Ethyl methacrylate	10.65	69	20234	19.637	ug/l	100
57) 1,3-Dichloropropane	10.93	76	30416	20.447	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	50034	92.926	ug/l	99
59) 2-Hexanone	10.97	43	40852	94.414	ug/l	99
60) Dibromochloromethane	11.13	129	20427	20.195	ug/l	99
61) 1,2-Dibromoethane	11.24	107	16665	20.523	ug/l	100
64) Tetrachloroethene	10.87	164	23580	21.701	ug/l	97
65) Chlorobenzene	11.66	112	76934	21.824	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	23288	21.838	ug/l	99
67) Ethyl Benzene	11.73	91	142546	22.011	ug/l	99
68) m/p-Xylenes	11.84	106	111550	43.904	ug/l	99
69) o-Xylene	12.17	106	51793	21.619	ug/l	99
70) Styrene	12.18	104	81257	21.310	ug/l	99
71) Bromoform	12.35	173	10163	20.230	ug/l #	99
73) Isopropylbenzene	12.47	105	145429	22.187	ug/l	100
74) N-amyl acetate	12.27	43	21761	19.809	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	17434	19.986	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	10693m	16.135	ug/l	
77) Bromobenzene	12.75	156	29747	21.130	ug/l	98
78) n-propylbenzene	12.81	91	175433	22.096	ug/l	99
79) 2-Chlorotoluene	12.90	91	99949	21.833	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	122270	21.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5133	19.445	ug/l	92
82) 4-Chlorotoluene	12.99	91	104537	21.760	ug/l	99
83) tert-Butylbenzene	13.21	119	106892	21.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	121142	21.452	ug/l	98
85) sec-Butylbenzene	13.39	105	152102	21.940	ug/l	100
86) p-Isopropyltoluene	13.51	119	133159	21.772	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	62070	21.596	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	61081	21.315	ug/l	99
89) n-Butylbenzene	13.83	91	125111	21.737	ug/l	100
90) Hexachloroethane	14.10	117	19487	21.824	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	52903	21.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2710	18.395	ug/l	98

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

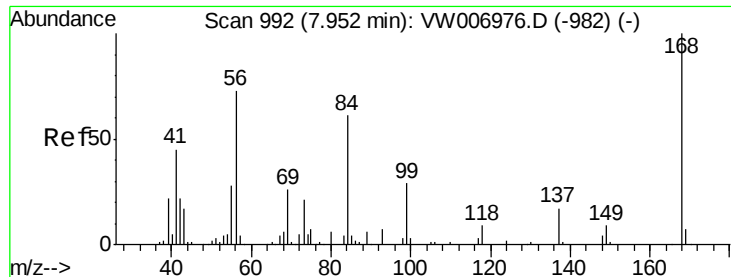
Manual Integrations
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11/26/2018 1:04:49 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32615	19.640	ug/l	98
94) Hexachlorobutadiene	15.24	225	18950	20.991	ug/l	99
95) Naphthalene	15.38	128	54558	18.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27179	19.727	ug/l	99

(#) = 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: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion:168 Resp: 118865

Ion Ratio Lower Upper

168 100

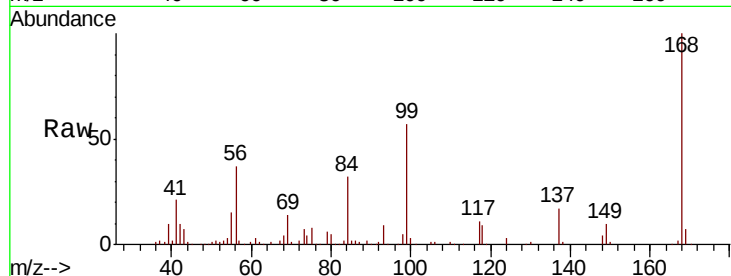
99 57.2 48.2 72.4

Manual Integrations

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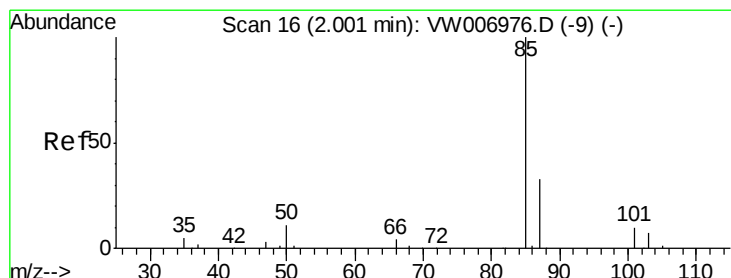
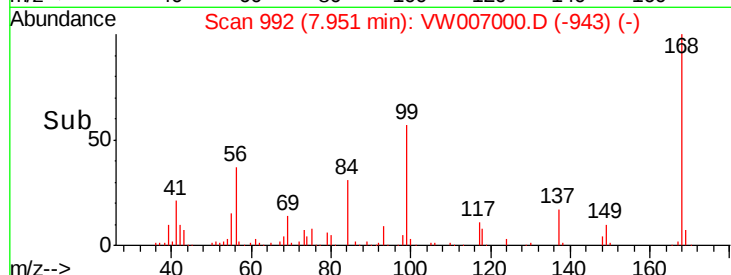
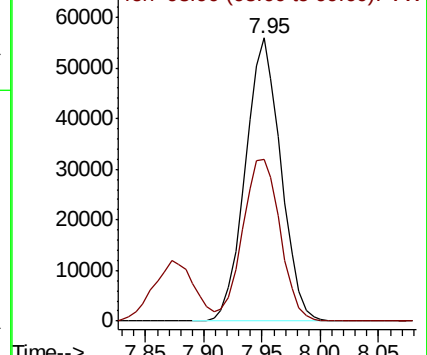
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 24.941 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007000.D

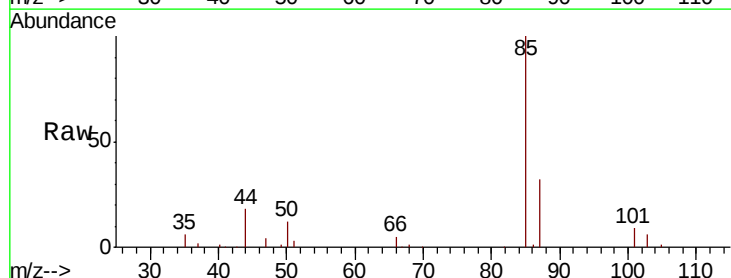
Acq: 21 Nov 2018 15:15

Tgt Ion: 85 Resp: 29271

Ion Ratio Lower Upper

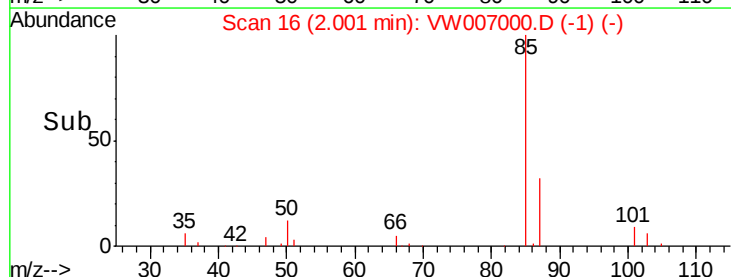
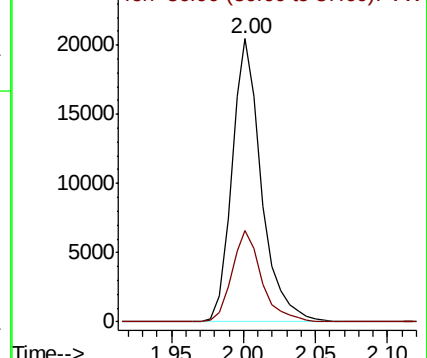
85 100

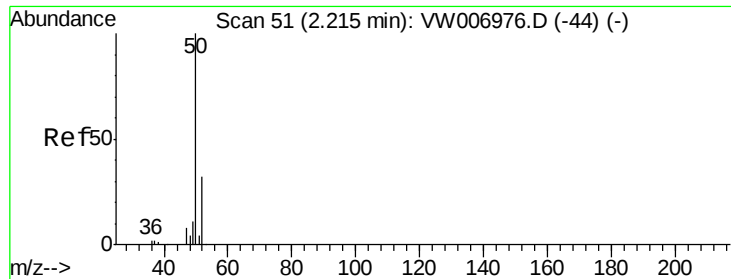
87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 23.154 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 50 Resp: 22646

Ion Ratio Lower Upper

50 100

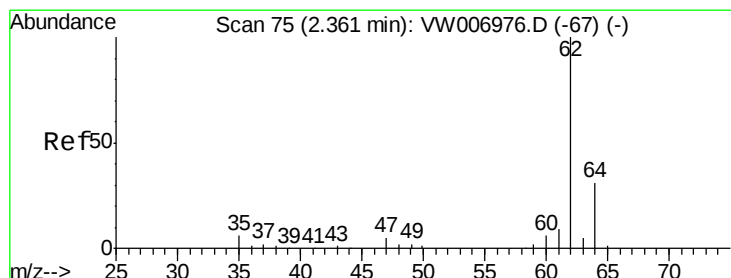
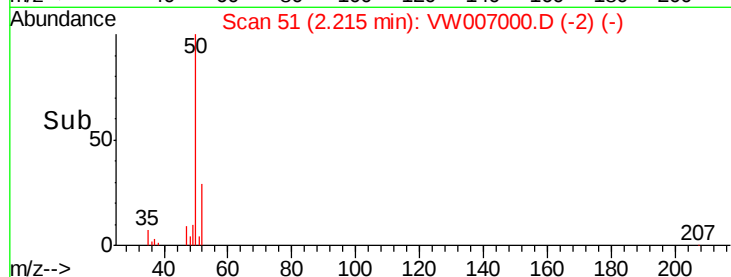
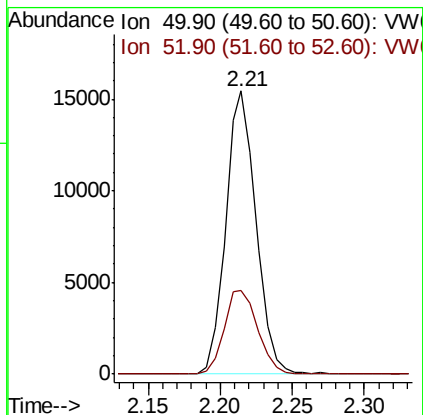
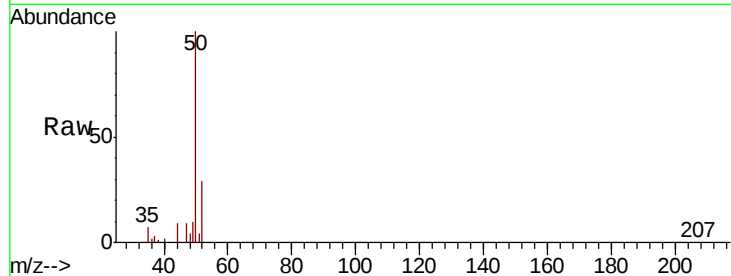
52 29.4 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.464 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007000.D

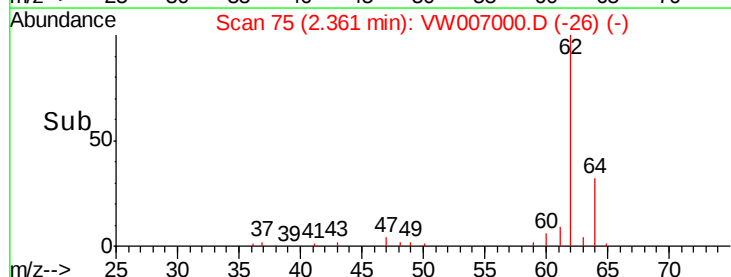
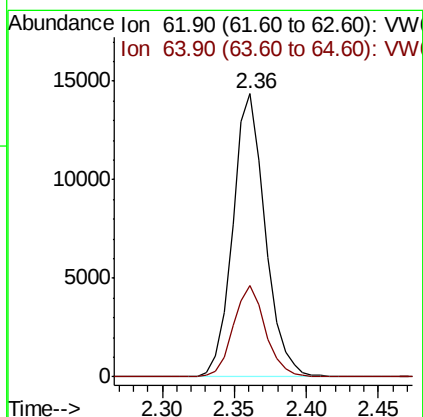
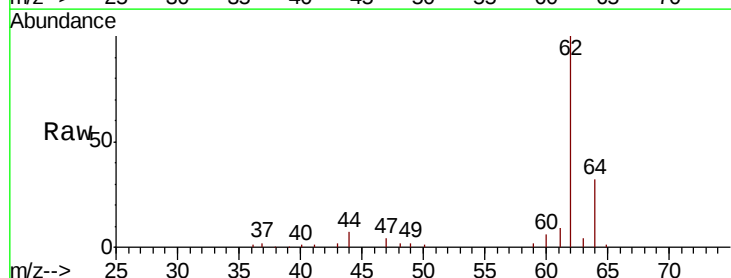
Acq: 21 Nov 2018 15:15

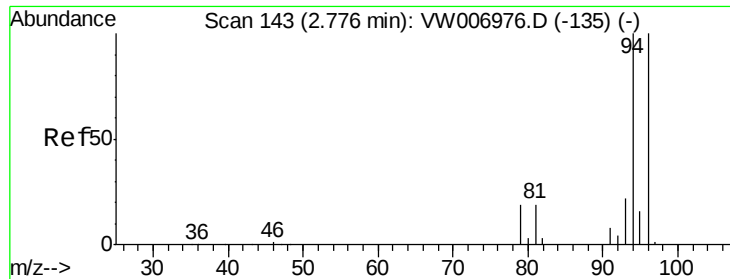
Tgt Ion: 62 Resp: 22579

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 21.962 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 94 Resp: 11280

Ion Ratio Lower Upper

94 100

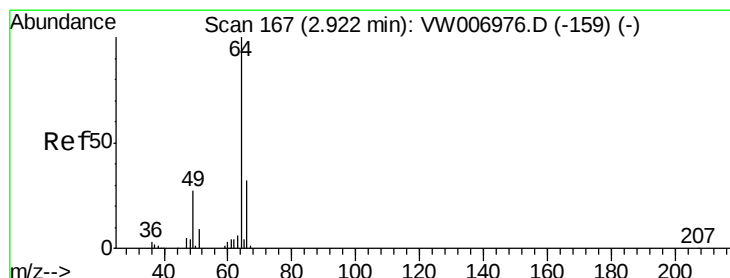
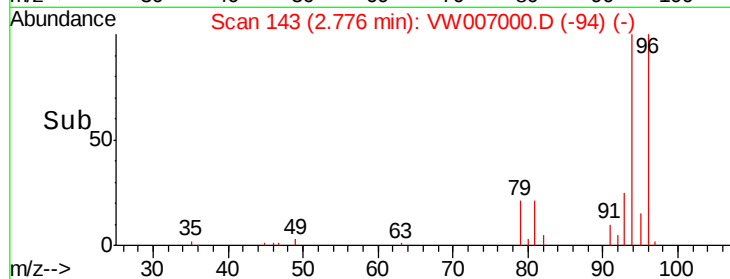
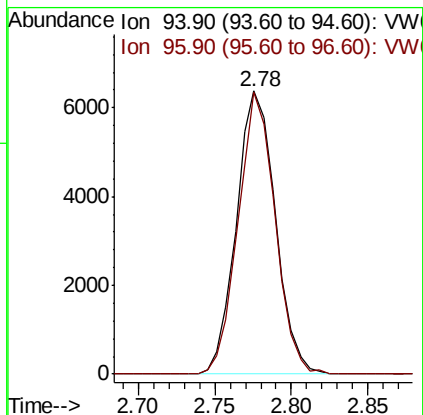
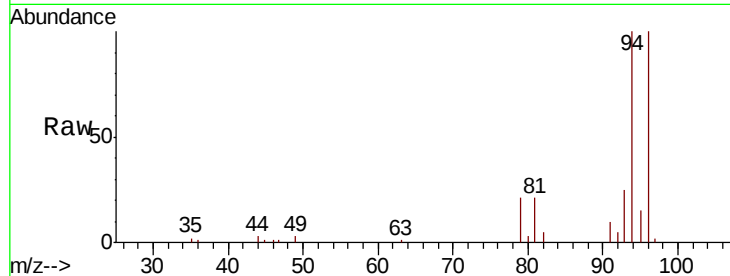
96 99.7 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 22.047 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007000.D

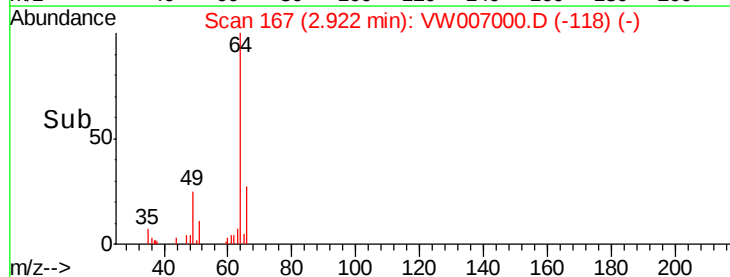
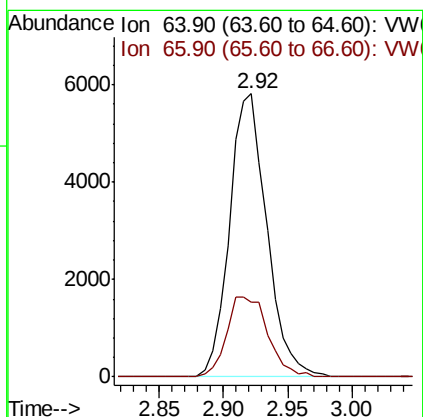
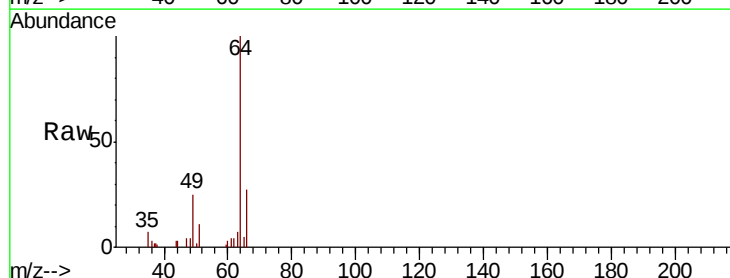
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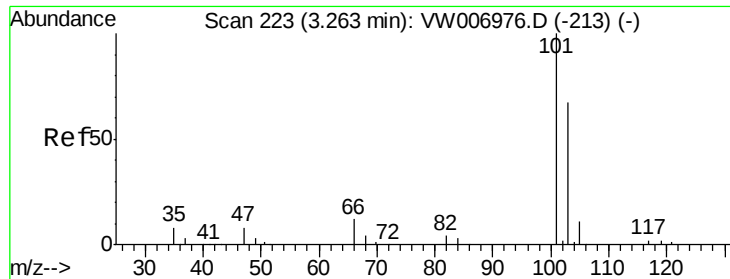
Tgt Ion: 64 Resp: 11695

Ion Ratio Lower Upper

64 100

66 26.6 25.3 37.9





#7

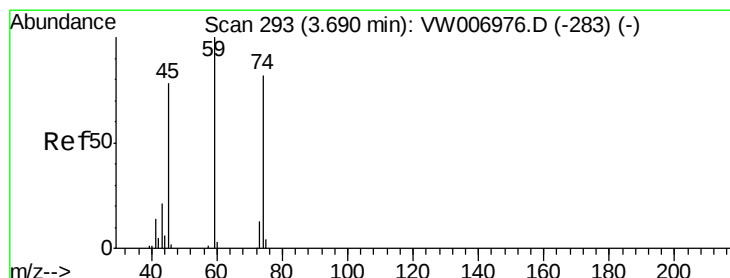
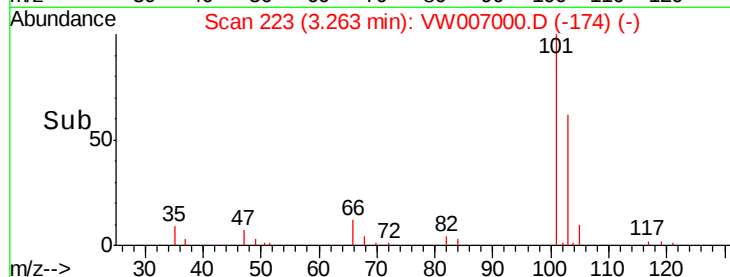
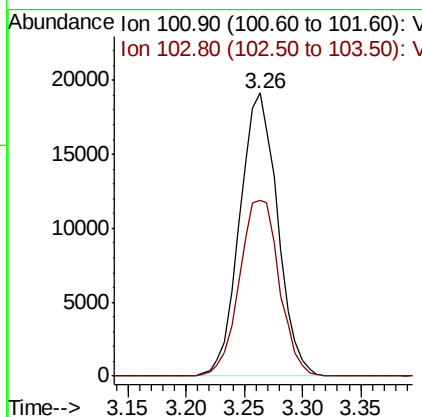
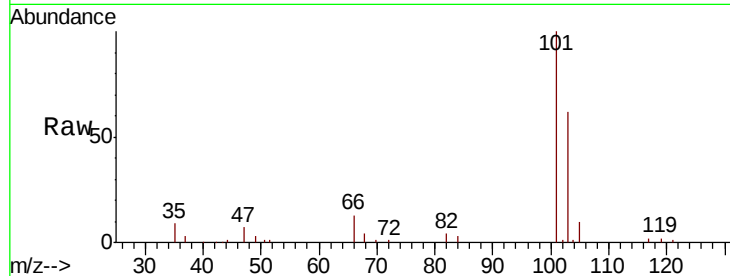
Trichlorofluoromethane
 Concen: 22.992 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

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 VW1122SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		43505		
103	62.2	53.4	80.2		

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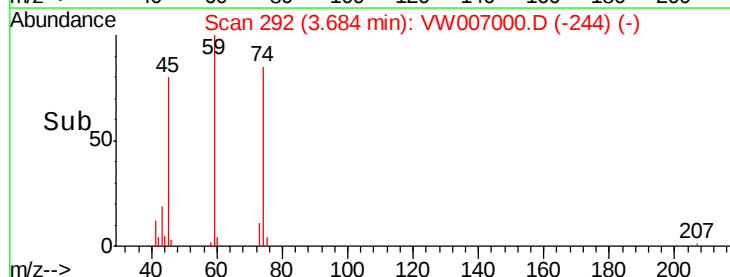
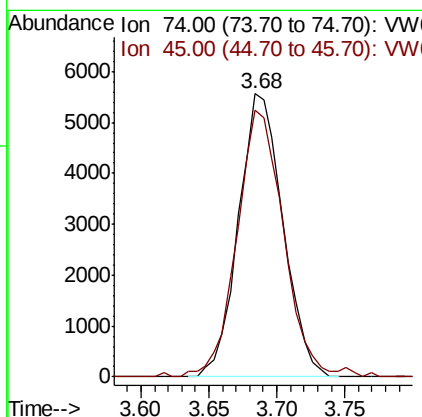
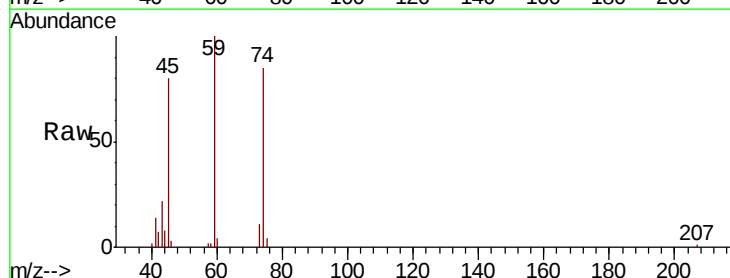
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 11/26/2018 1:04:49 PM



#8

Diethyl Ether
 Concen: 20.826 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		12698		
45	99.6	48.4	145.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.492 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

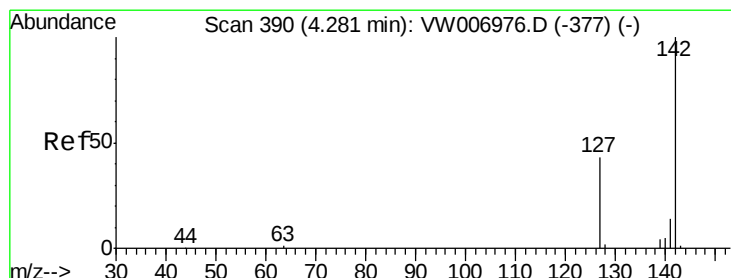
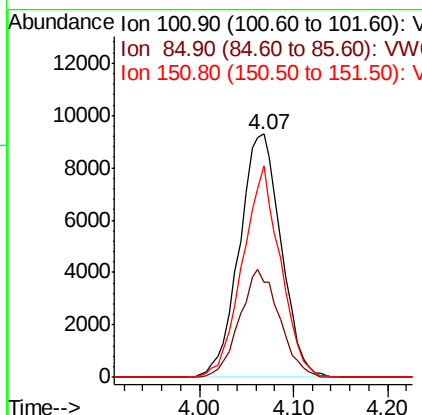
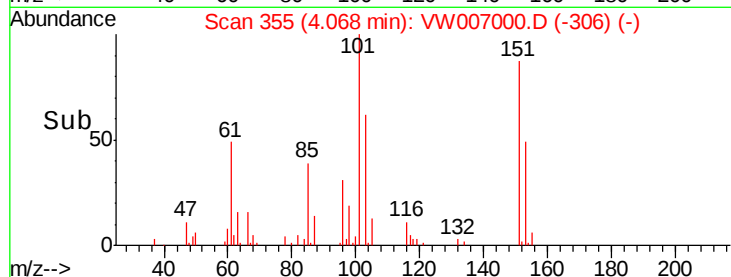
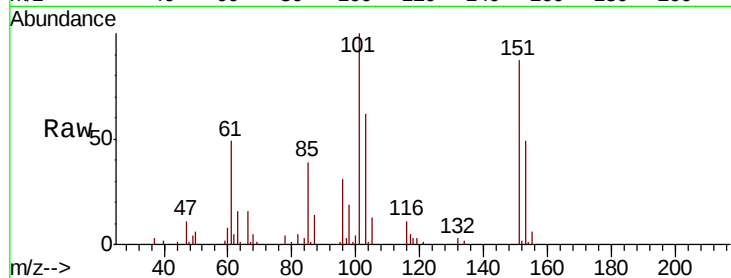
ClientSampleId :

VW1122SBS01

Tot Ion:	101	Resp:	28818
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.3	51.5
151	78.9	63.4	95.2

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#10

Methyl Iodide

Concen: 19.016 ug/l

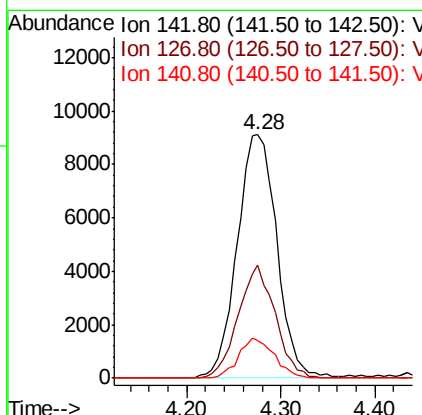
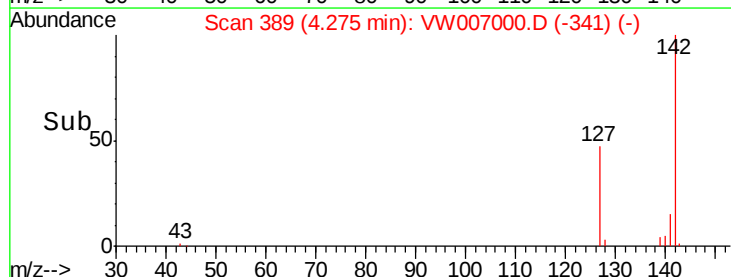
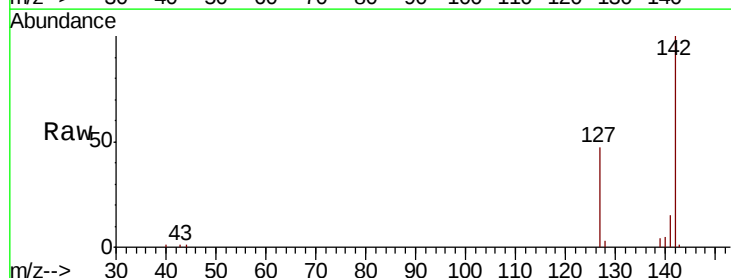
RT: 4.28 min Scan# 389

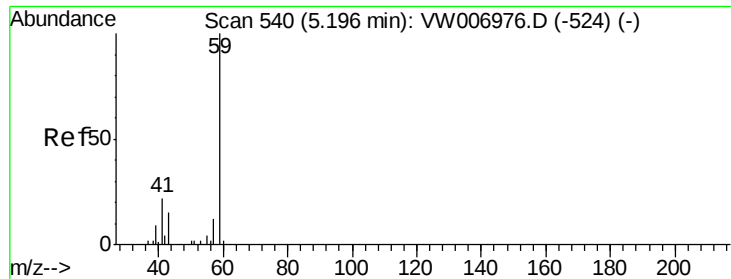
Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion:	142	Resp:	26703
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.3	52.9
141	14.8	11.7	17.5





#11

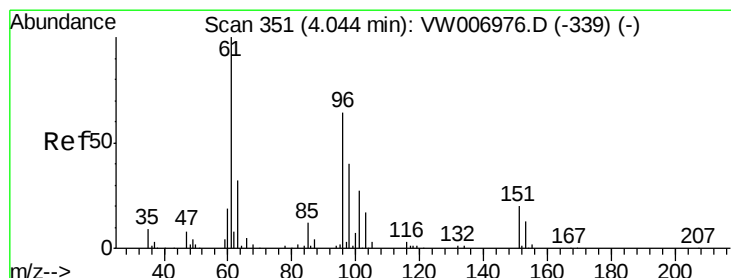
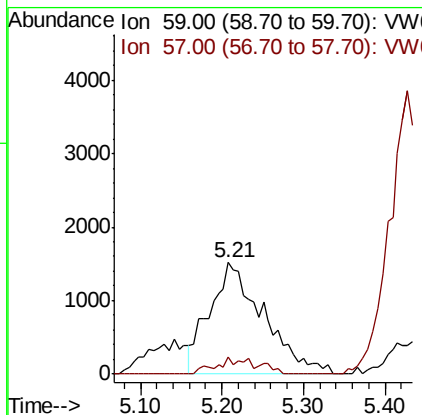
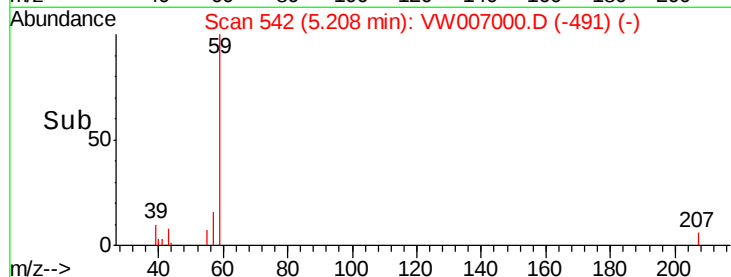
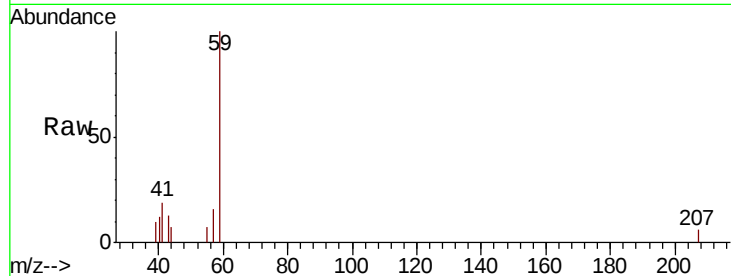
Tert butyl alcohol
 Concen: 91.702 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

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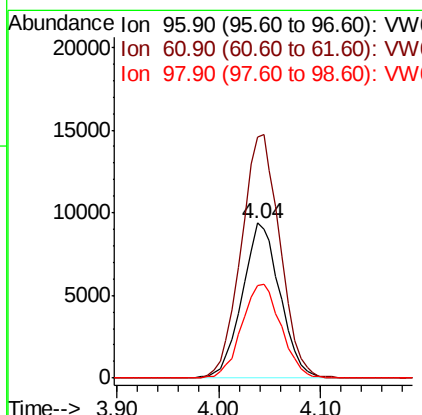
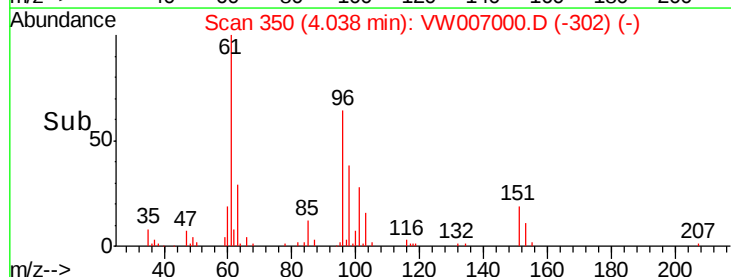
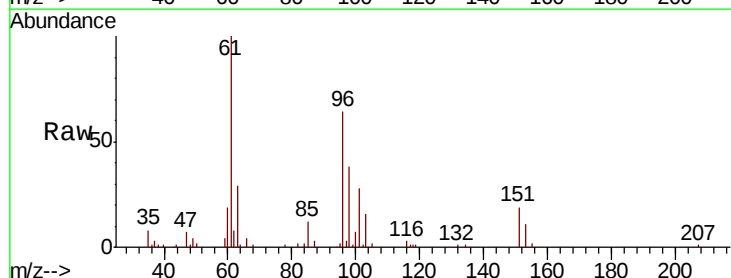
MMDadoda
 11/26/2018 1:04:49 PM

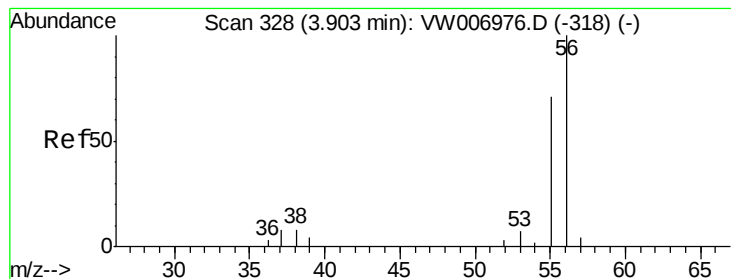


#12

1,1-Dichloroethene
 Concen: 22.403 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	124.3	186.5
98	59.9	49.4	74.2





#13

Acrolein

Concen: 100.541 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 56 Resp: 7822

Ion Ratio Lower Upper

56 100

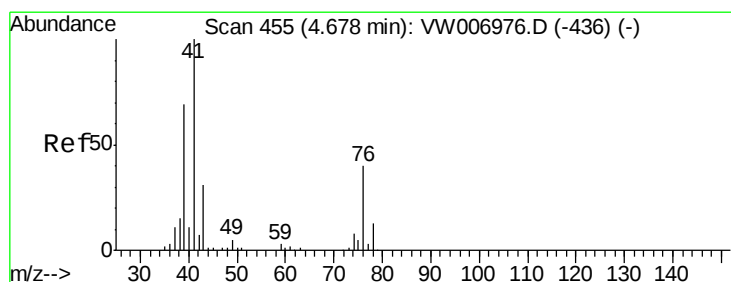
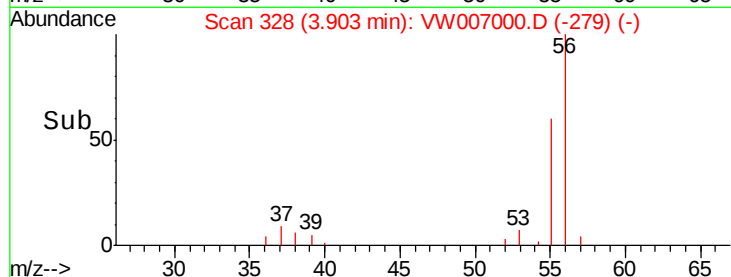
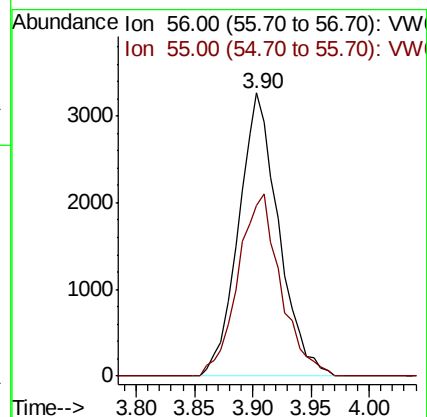
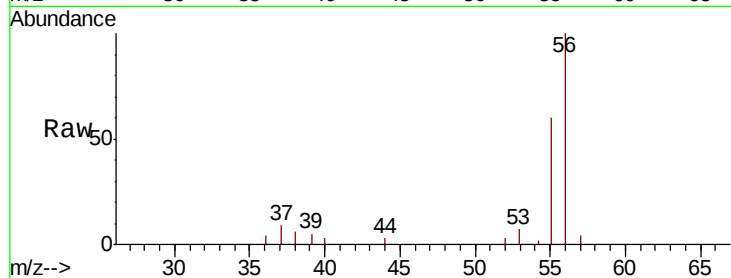
55 68.3 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 21.632 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

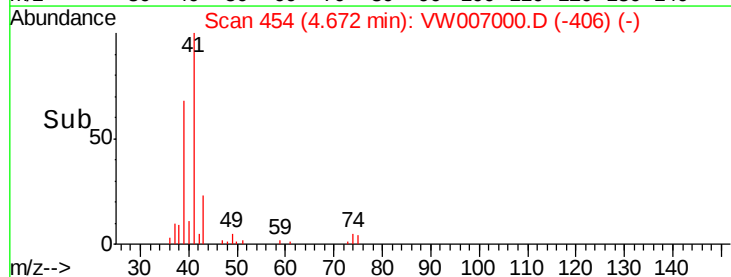
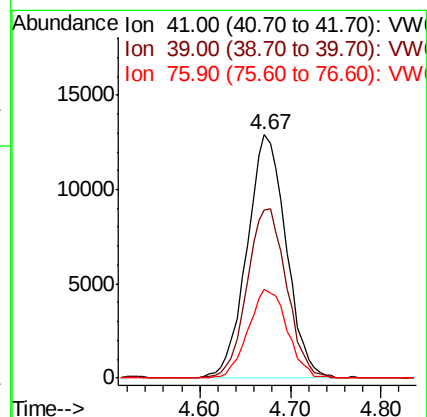
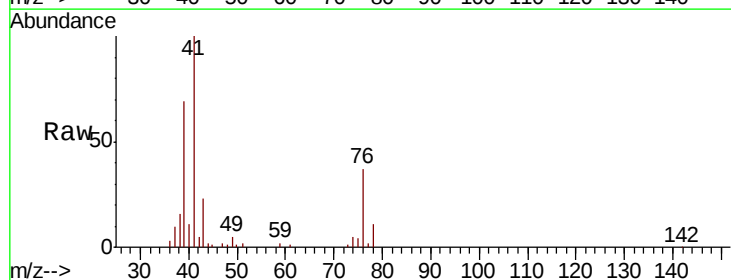
Tgt Ion: 41 Resp: 38602

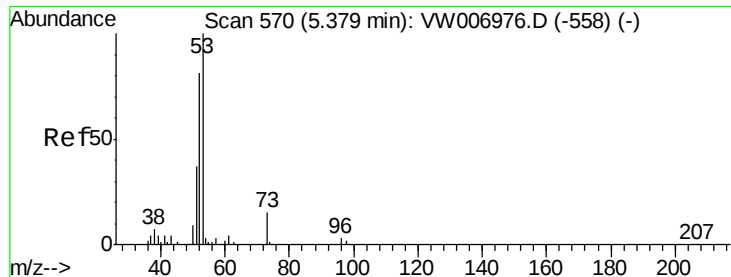
Ion Ratio Lower Upper

41 100

39 70.0 55.4 83.2

76 36.3 29.6 44.4





#15

Acrylonitrile

Concen: 96.706 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

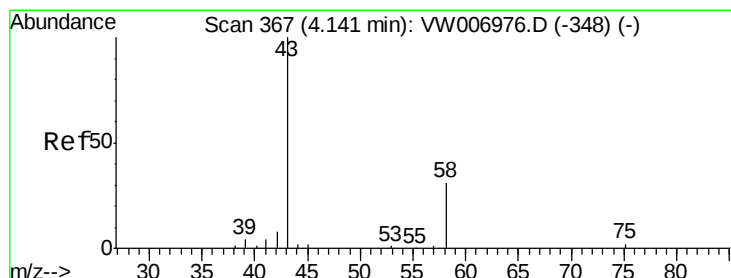
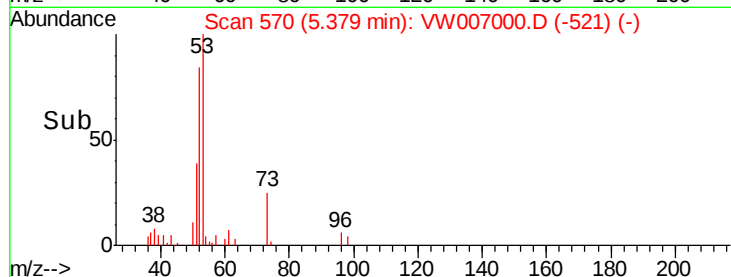
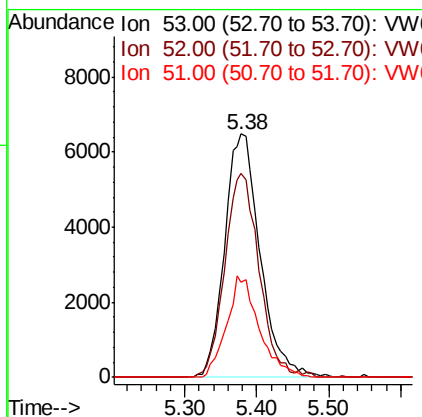
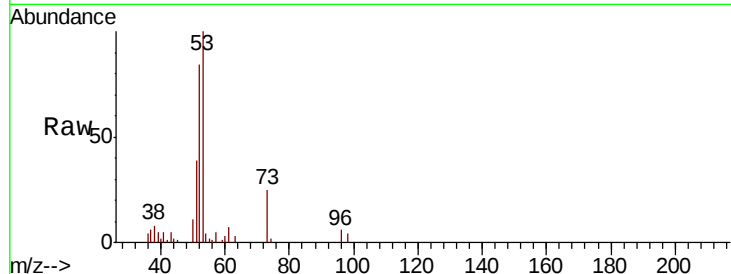
ClientSampleId :

VW1122SBS01

Tot Ion	53	Resp	22161
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.7	98.5
51	38.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 99.747 ug/l

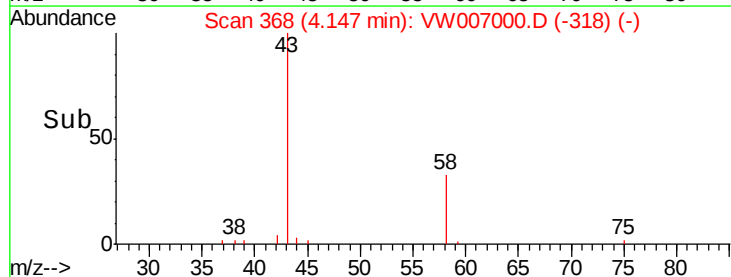
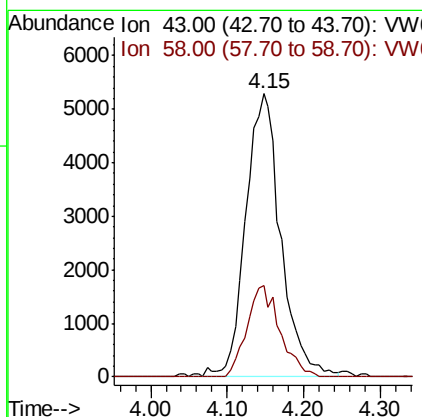
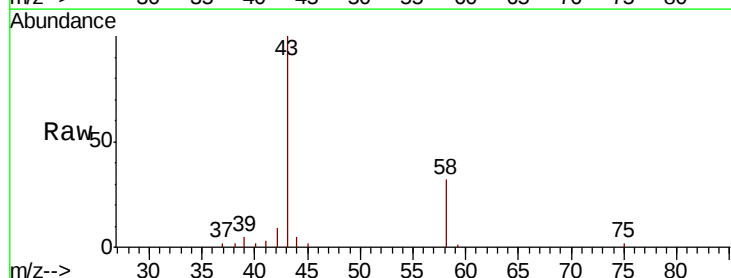
RT: 4.15 min Scan# 368

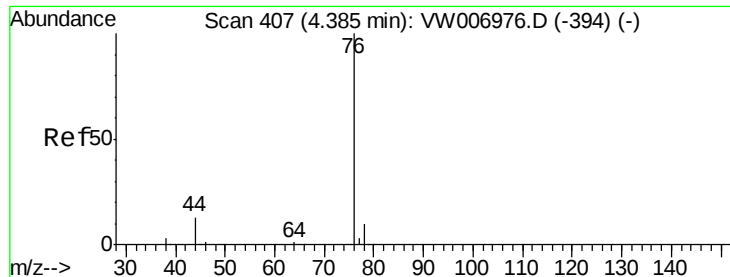
Delta R.T. 0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion	43	Resp	16853
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.8	37.2





#17

Carbon Disulfide

Concen: 22.030 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 76 Resp: 76629

Ion Ratio Lower Upper

76 100

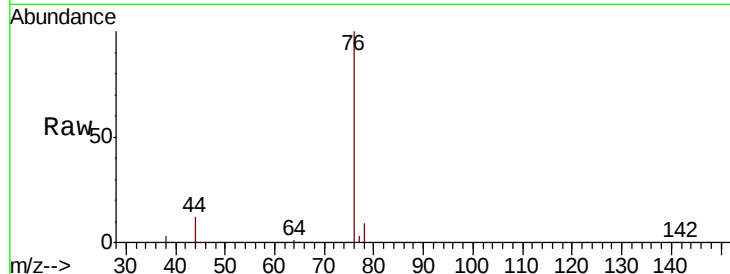
78 9.4 7.8 11.6

Manual Integrations

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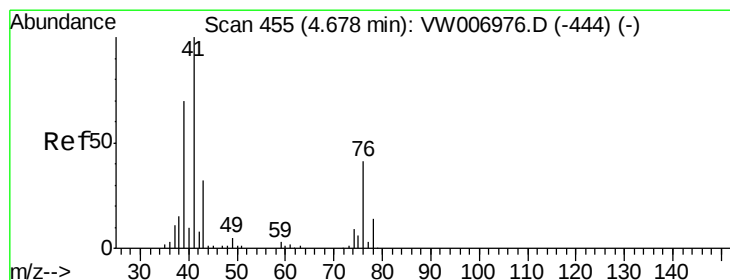
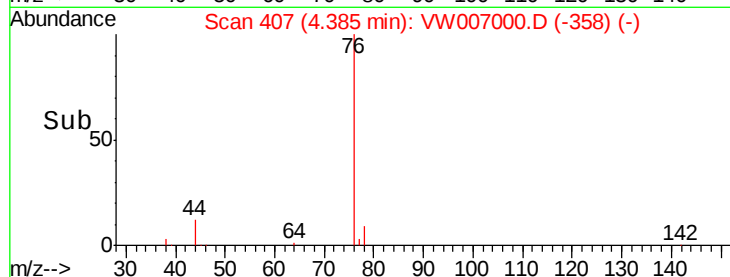
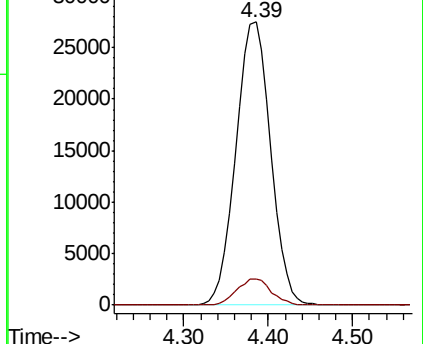
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.484 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007000.D

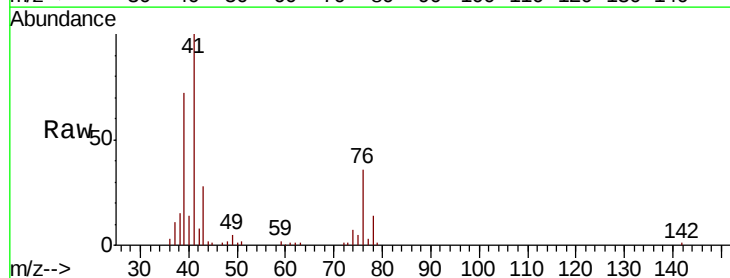
Acq: 21 Nov 2018 15:15

Tgt Ion: 43 Resp: 10520

Ion Ratio Lower Upper

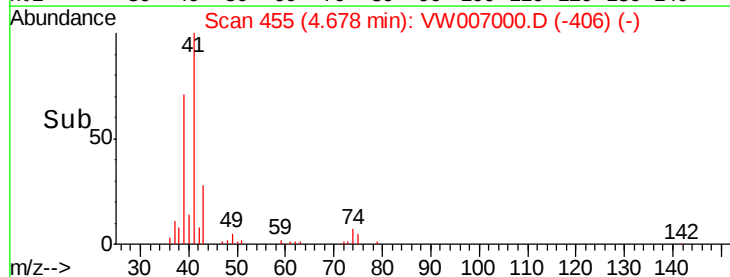
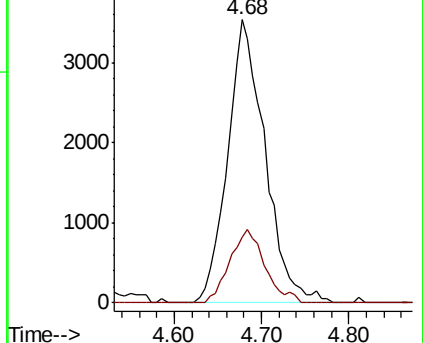
43 100

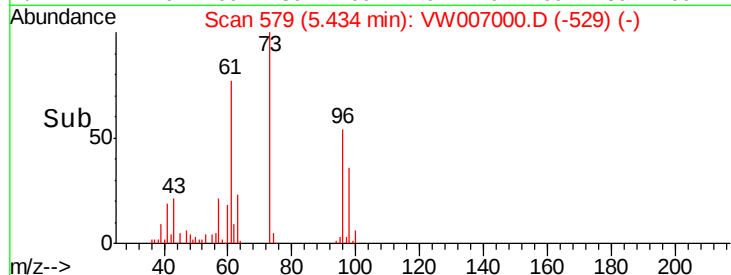
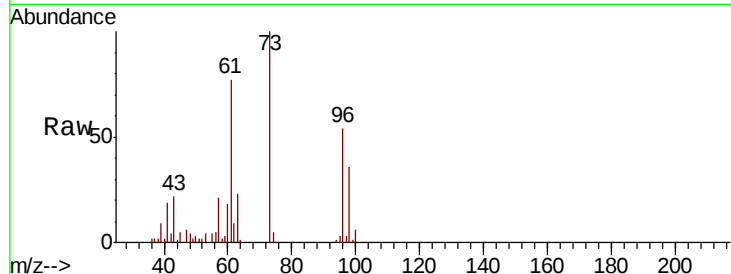
74 24.3 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





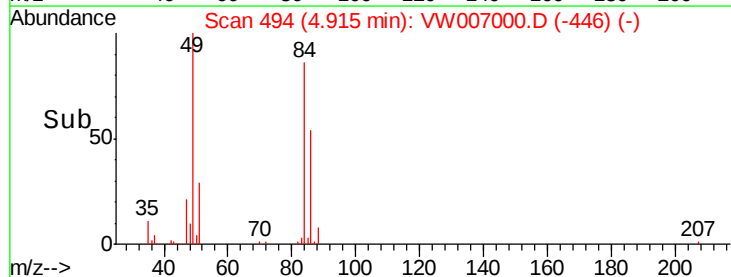
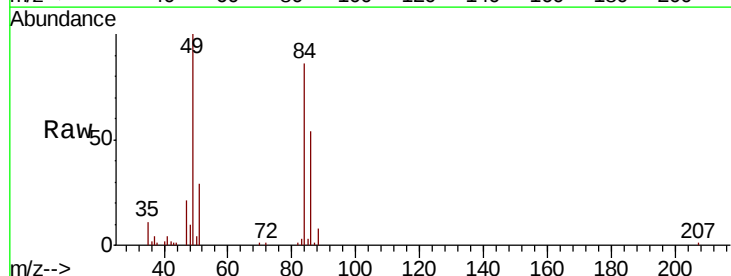
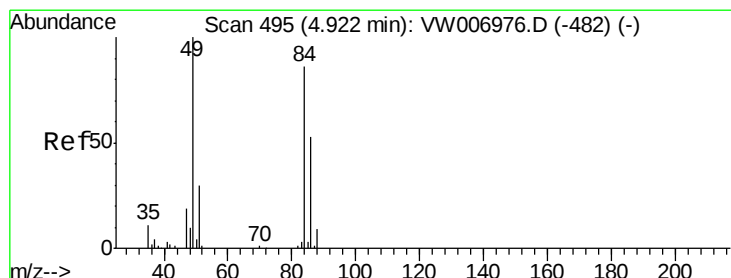
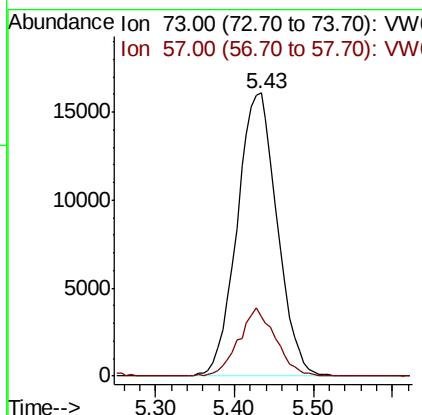
#19
Methvl tert-butvl Ether
Concen: 20.183 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tot Ion: 73 Resp: 56698
Ion Ratio Lower Upper
73 100
57 21.0 16.7 25.1

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

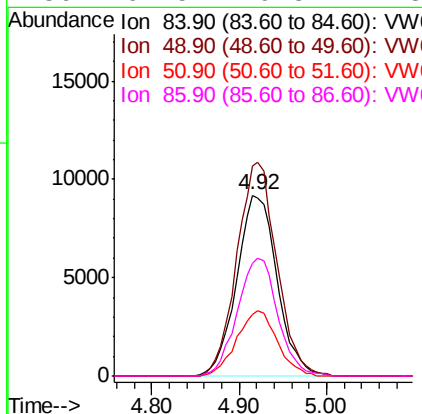
Manual Integrations
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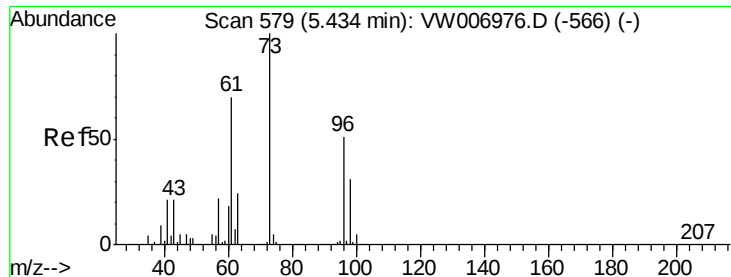
MMDadoda
11/26/2018 1:04:49 PM



#20
Methylene Chloride
Concen: 18.424 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 84 Resp: 29399
Ion Ratio Lower Upper
84 100
49 115.9 93.4 140.0
51 33.8 28.4 42.6
86 62.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 21.869 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 96 Resp: 27409

Ion Ratio Lower Upper

96 100

61 135.2 109.4 164.0

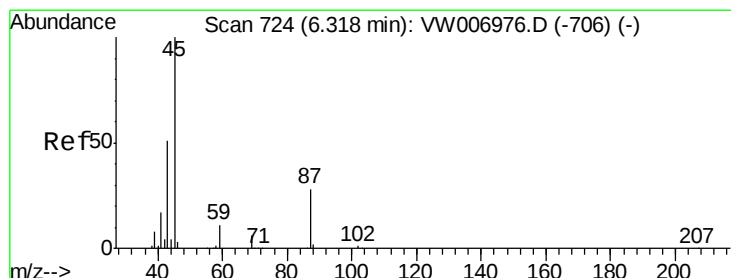
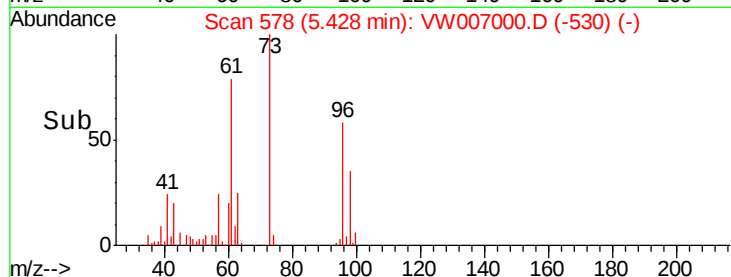
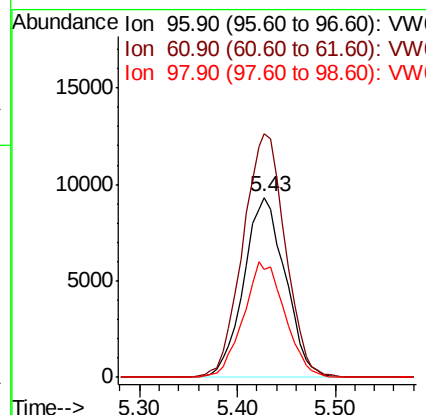
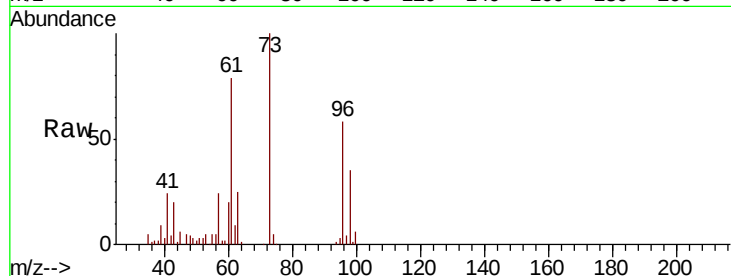
98 60.3 48.3 72.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.016 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion: 45 Resp: 72994

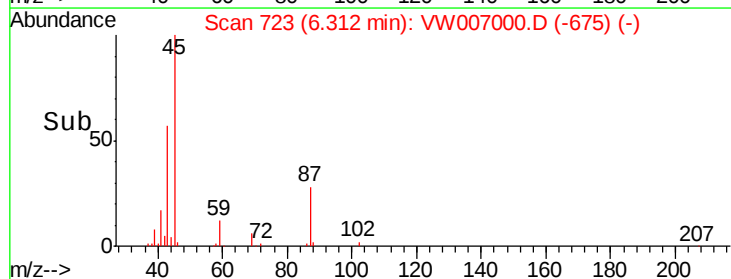
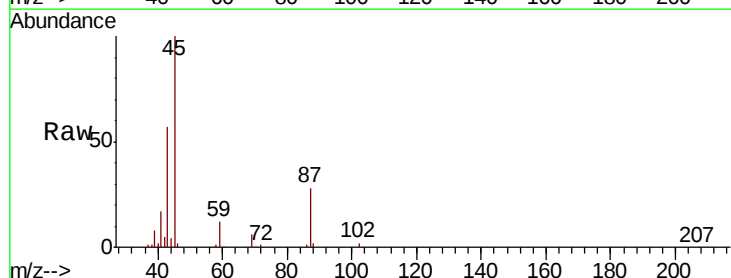
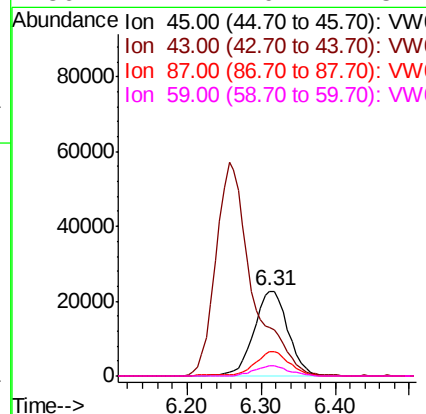
Ion Ratio Lower Upper

45 100

43 56.3 42.5 63.7

87 28.3 22.8 34.2

59 12.4 9.1 13.7





#23

Vinyl Acetate

Concen: 104.762 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 193231

Ion Ratio Lower Upper

43 100

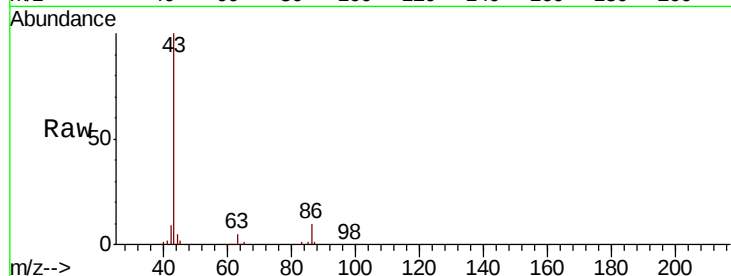
86 10.0 8.7 13.1

Manual Integrations

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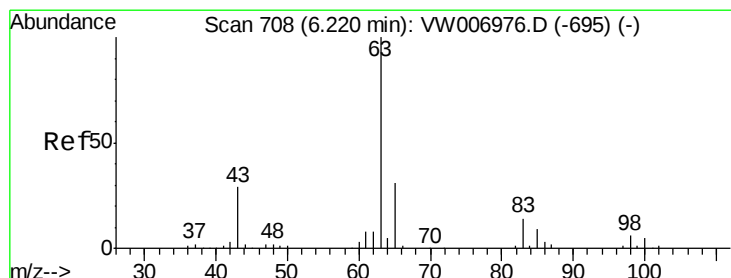
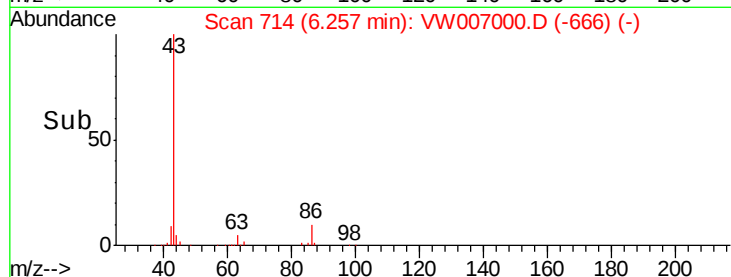
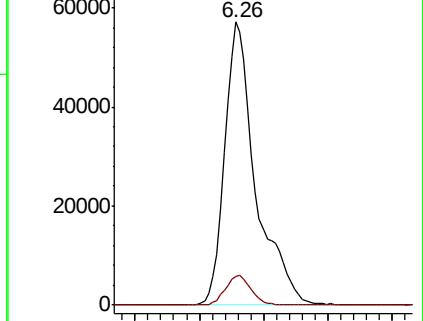
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.132 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

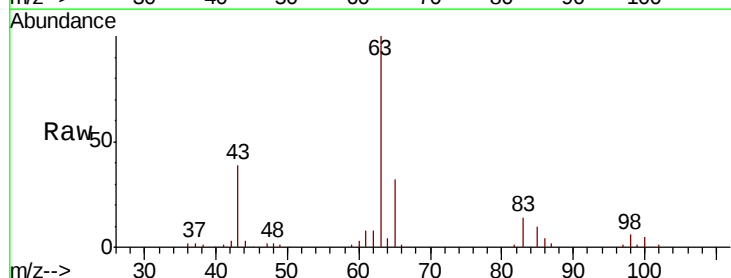
Tgt Ion: 63 Resp: 44652

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.4

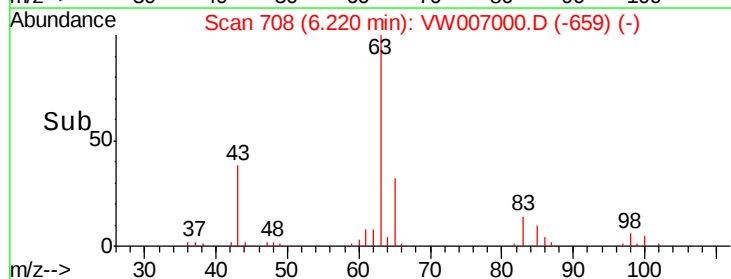
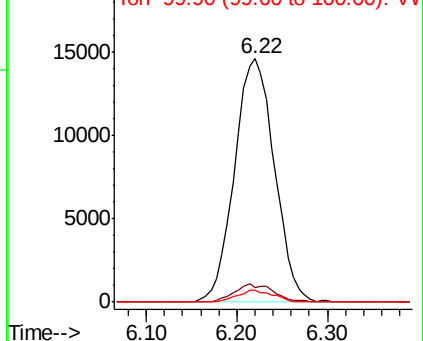
100 5.2 2.3 6.9

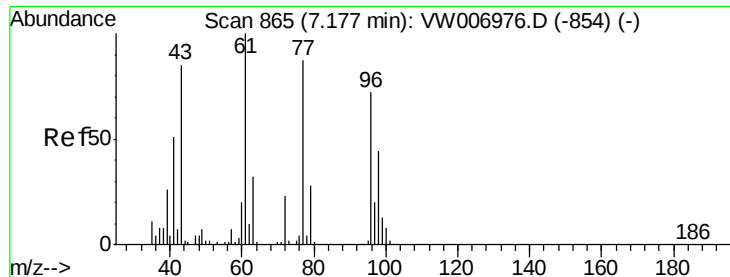


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 95.843 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 27735

Ion Ratio Lower Upper

43 100

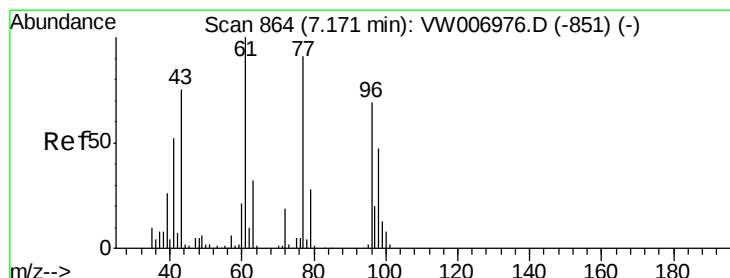
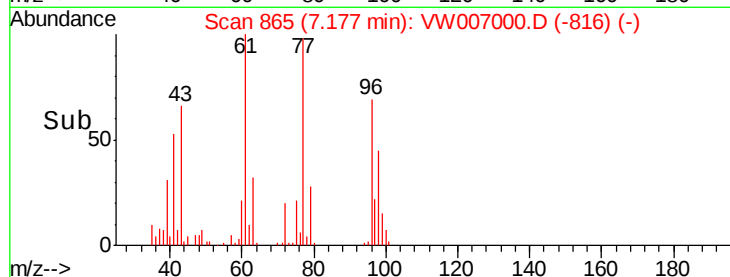
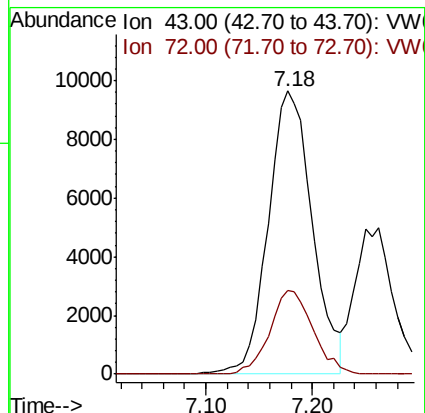
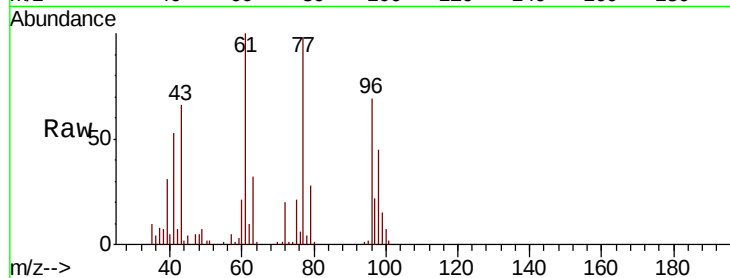
72 29.7 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.475 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007000.D

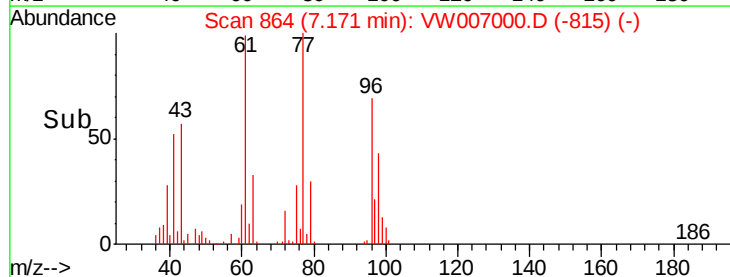
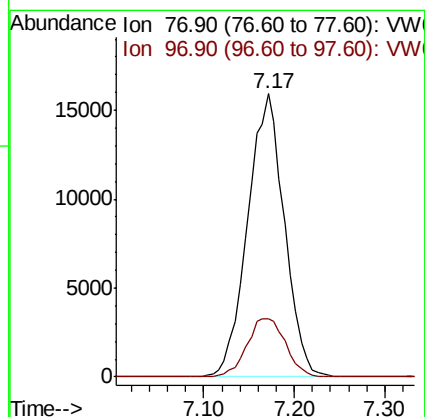
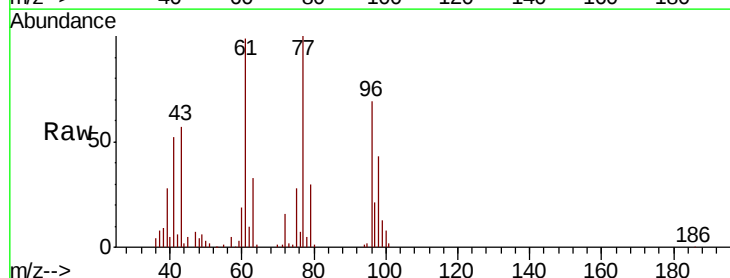
Acq: 21 Nov 2018 15:15

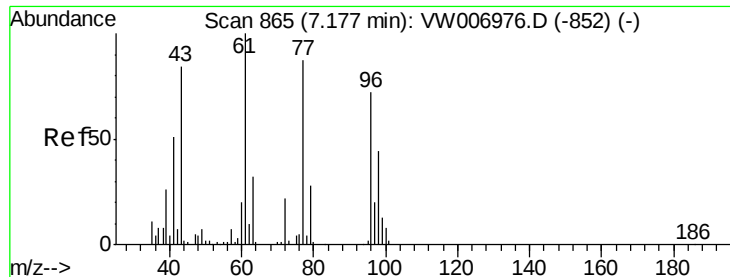
Tgt Ion: 77 Resp: 44606

Ion Ratio Lower Upper

77 100

97 21.6 11.4 34.1





#27

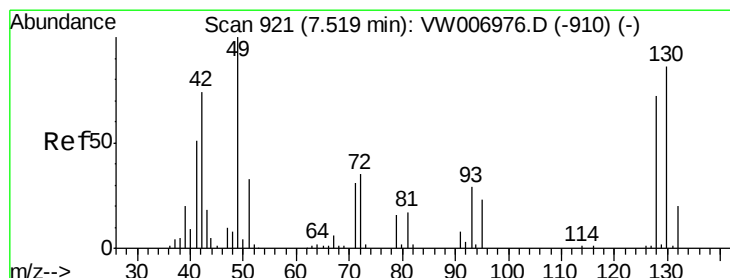
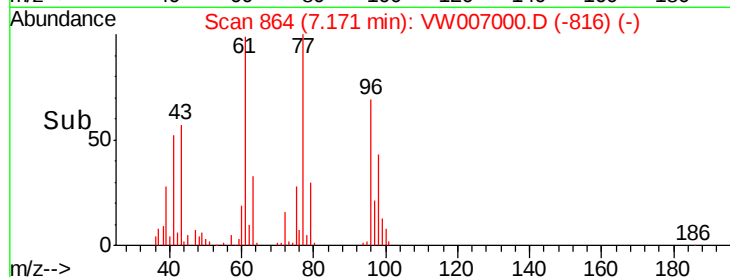
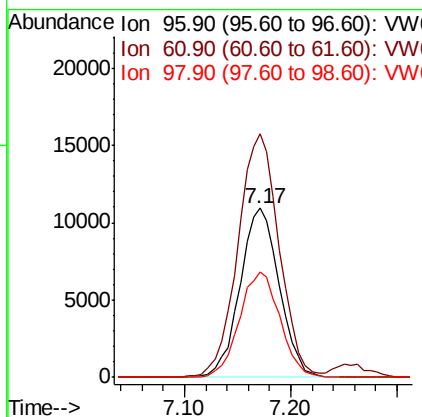
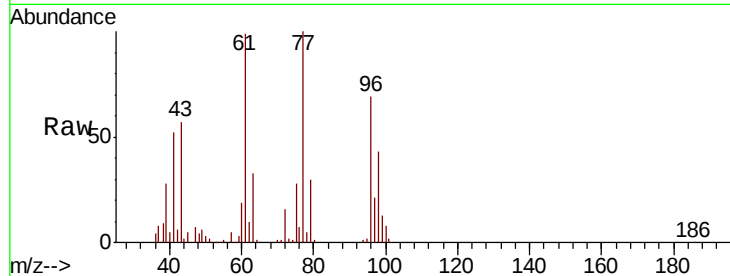
cis-1,2-Dichloroethene
Concen: 21.160 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	292.6
98	64.3	0.0	129.8

Manual Integrations
APPROVED

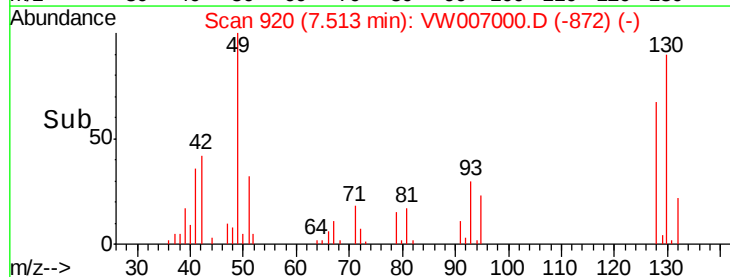
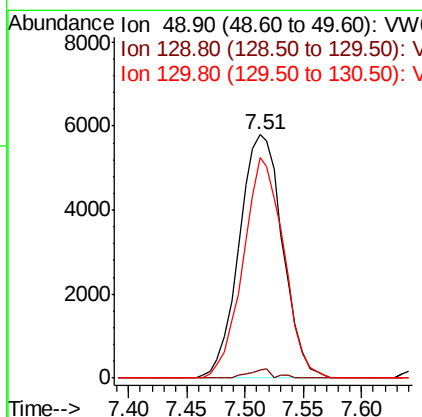
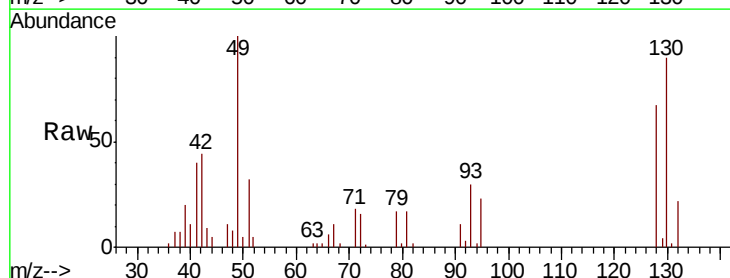
MMDadoda
11/26/2018 1:04:49 PM

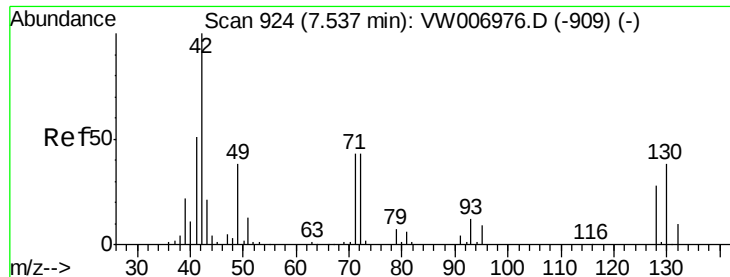


#28

Bromochloromethane
Concen: 19.062 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.0#
130	84.8	69.0	103.4





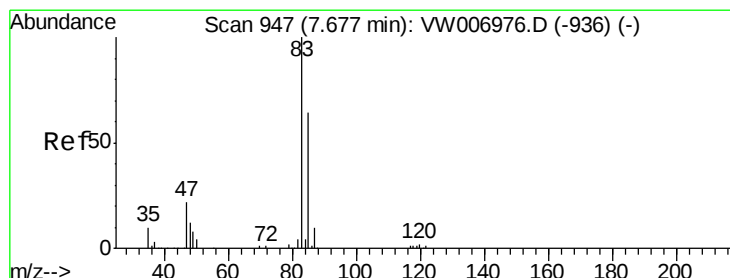
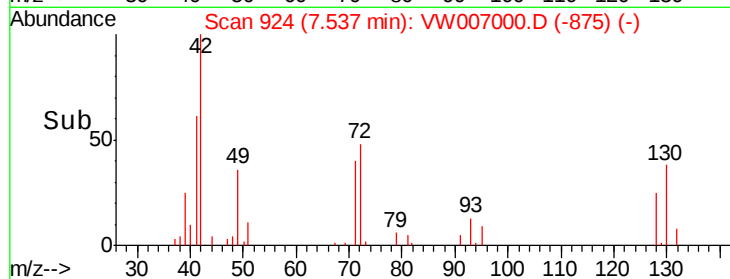
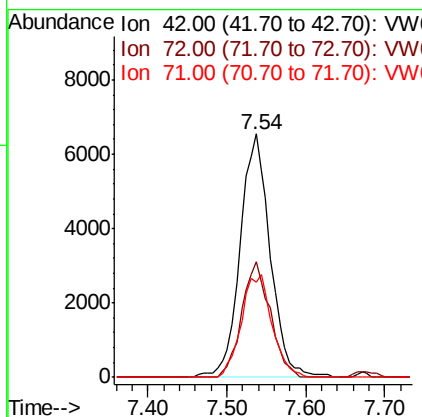
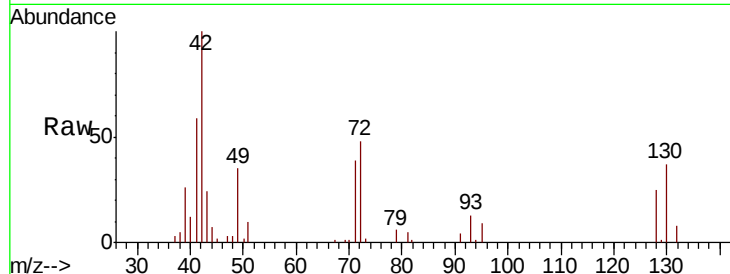
#29
Tetrahydrofuran
Concen: 92.735 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.2	54.4
71	43.0	33.8	50.8

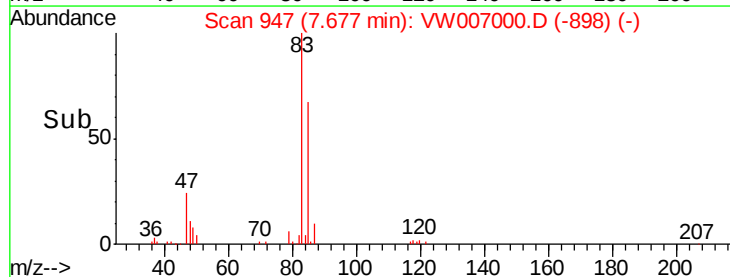
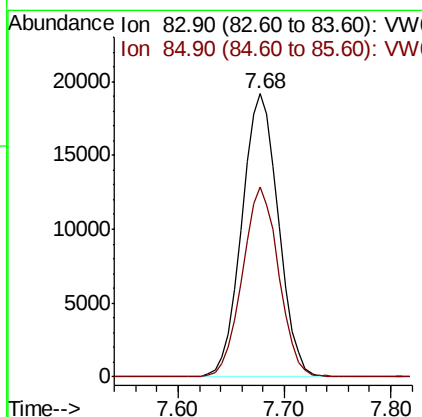
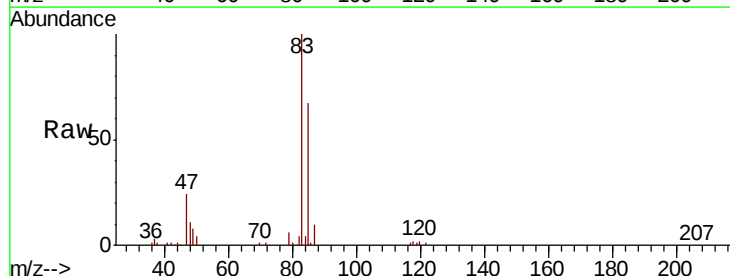
Manual Integrations
APPROVED

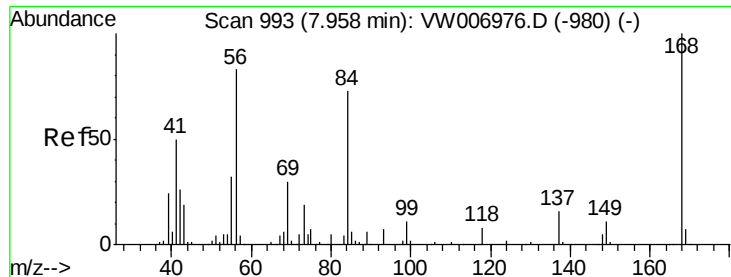
MMDadoda
11/26/2018 1:04:49 PM



#30
Chloroform
Concen: 20.585 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.9	76.3





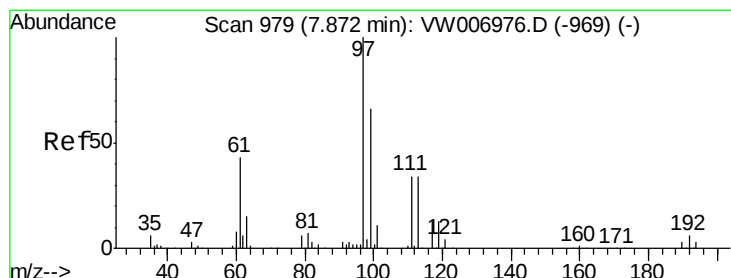
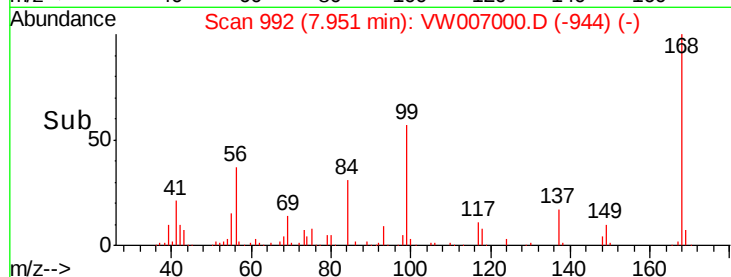
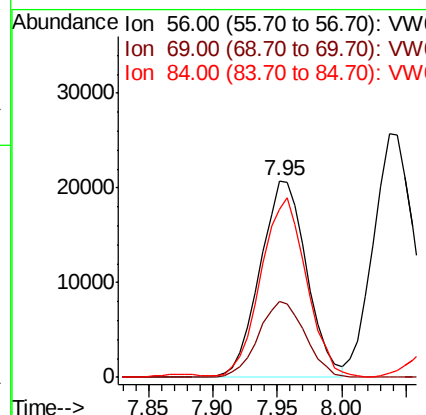
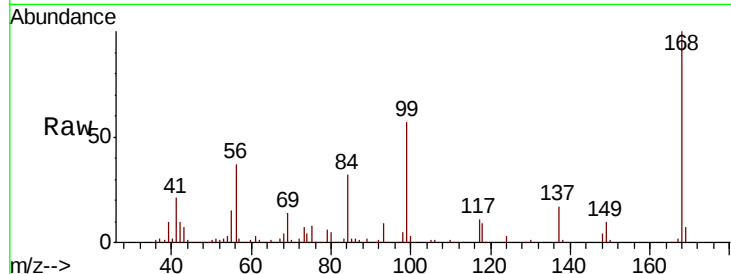
#31
Cyclohexane
Concen: 23.241 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.7	29.1	43.7
84	84.4	70.6	105.8

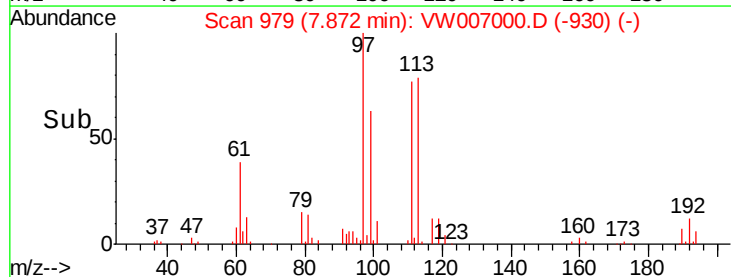
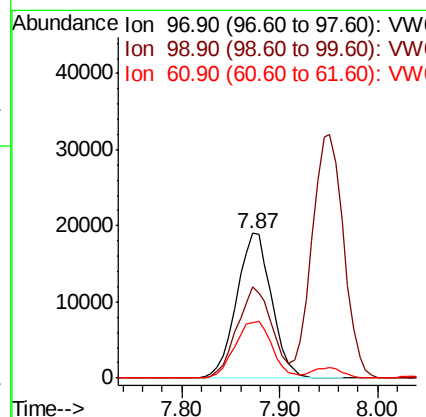
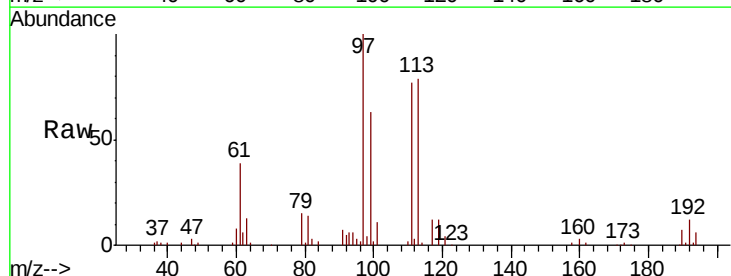
Manual Integrations
APPROVED

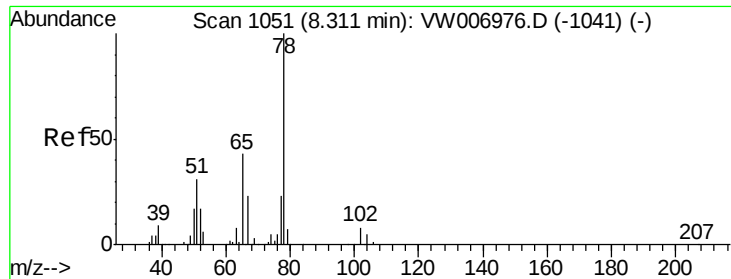
MMDadoda
11/26/2018 1:04:49 PM



#32
1,1,1-Trichloroethane
Concen: 23.290 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.9	77.9
61	42.0	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 48.169 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 65 Resp: 56055

Ion Ratio Lower Upper

65 100

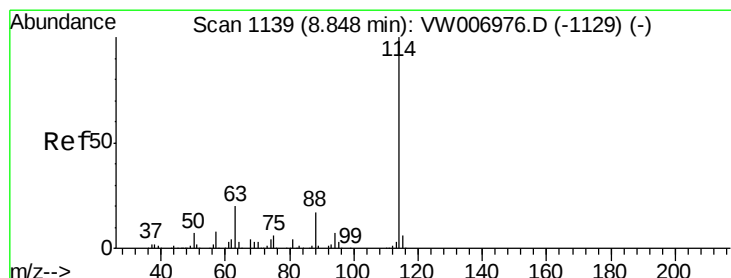
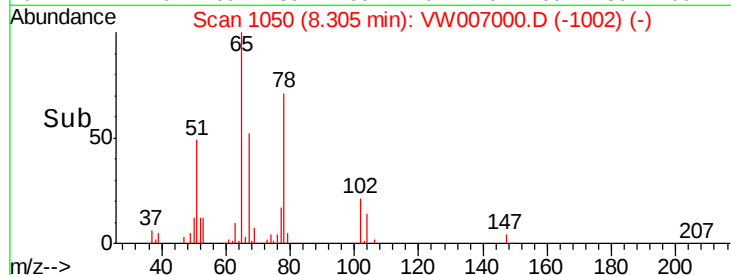
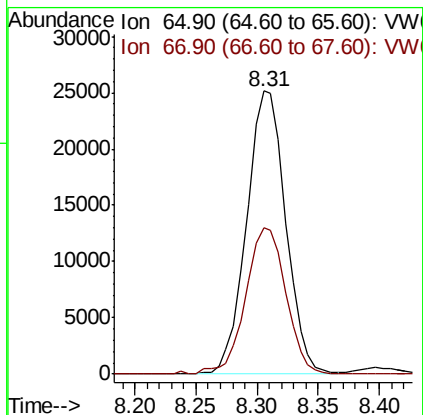
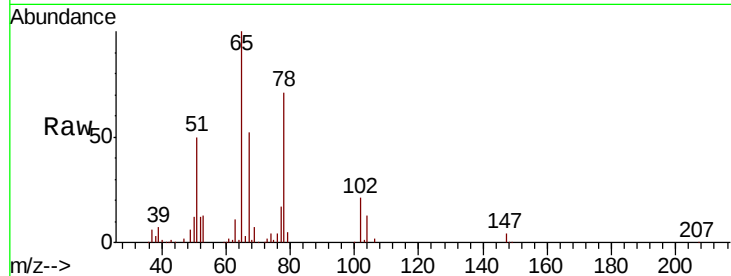
67 53.1 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

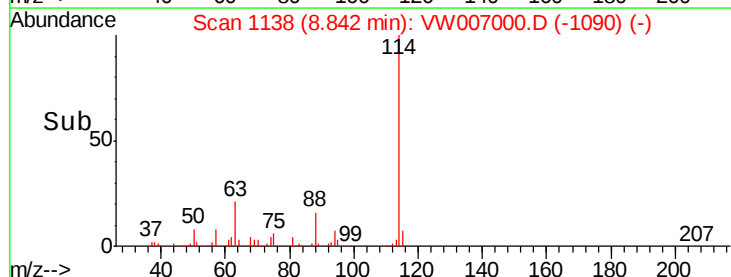
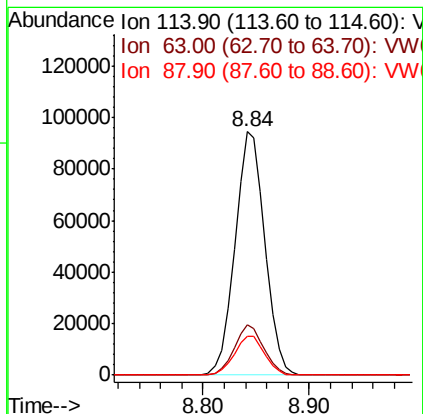
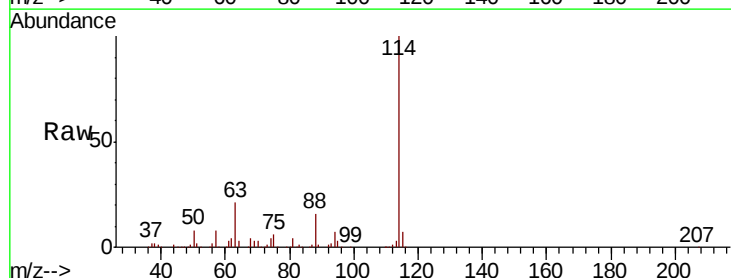
Tgt Ion: 114 Resp: 185282

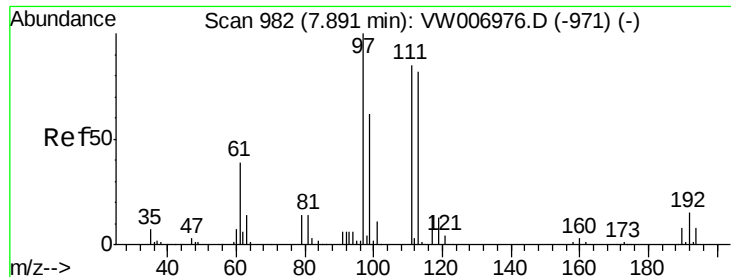
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

88 16.2 0.0 34.2





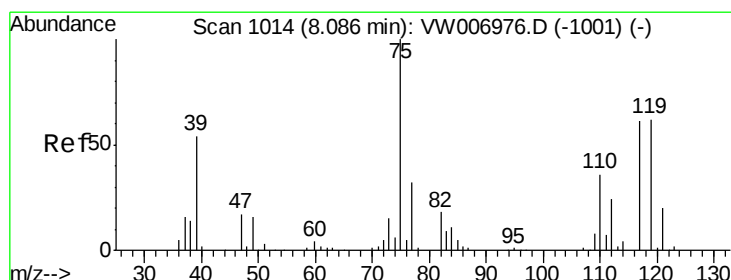
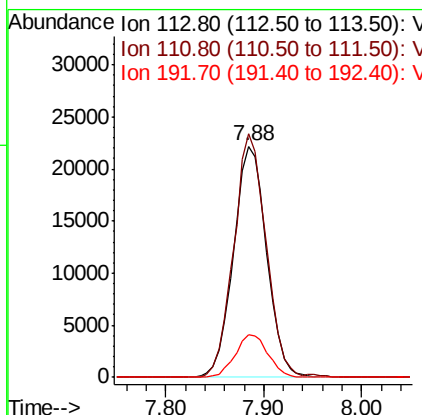
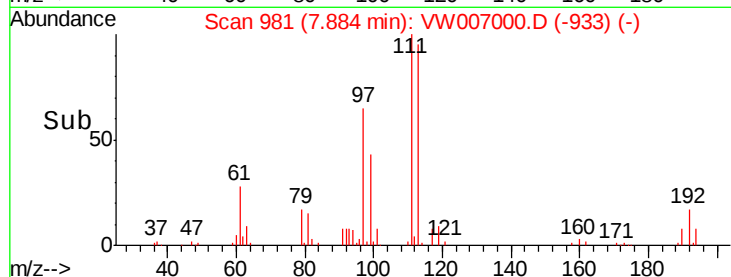
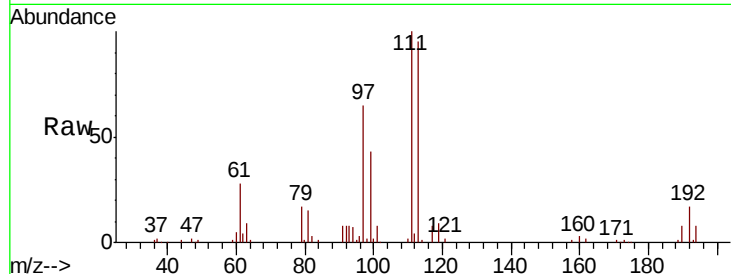
#35
 Dibromofluoromethane
 Concen: 49.767 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	18.3	15.0	22.6

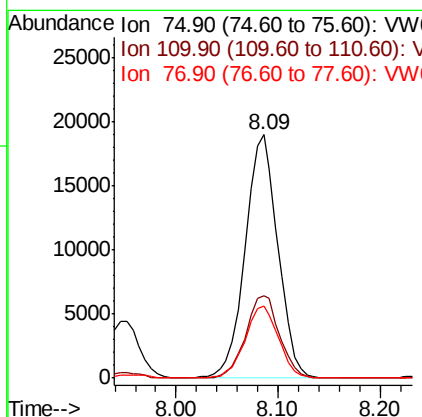
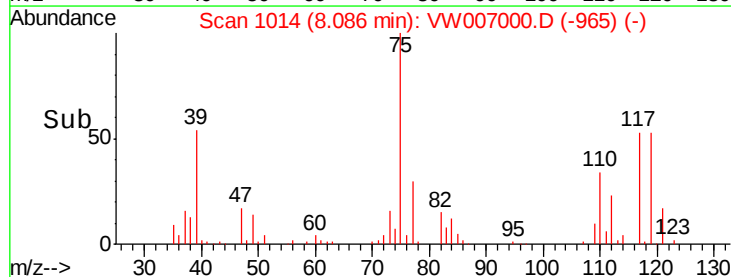
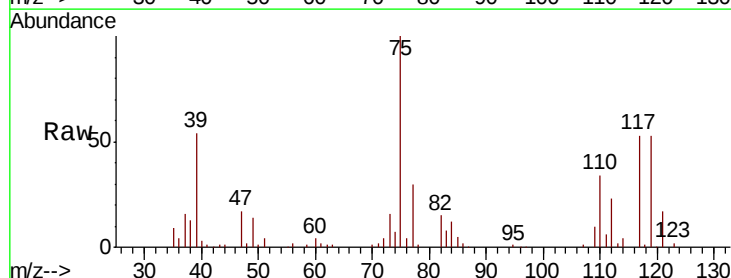
Manual Integrations
 APPROVED

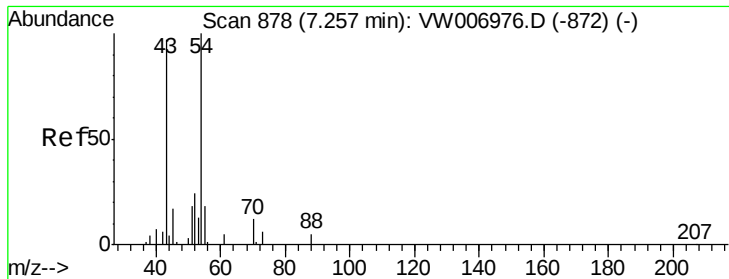
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 11/26/2018 1:04:49 PM



#36
 1,1-Dichloropropene
 Concen: 23.459 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.0	54.0
77	30.1	24.9	37.3





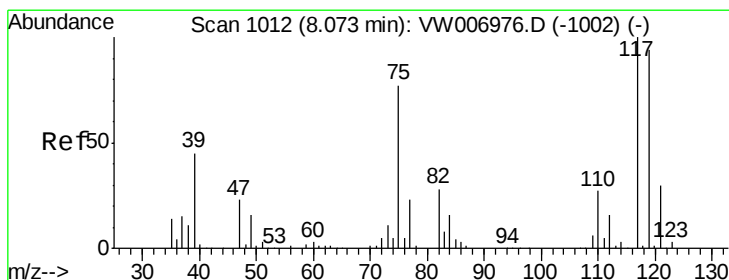
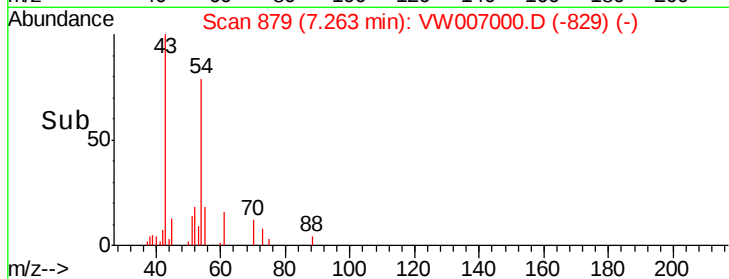
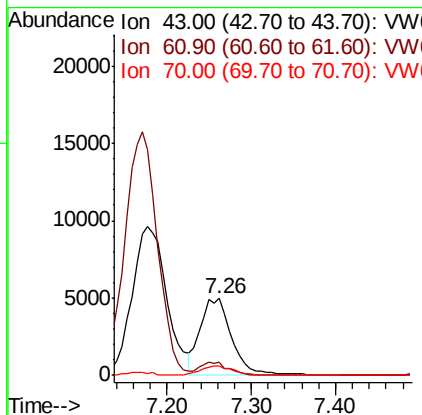
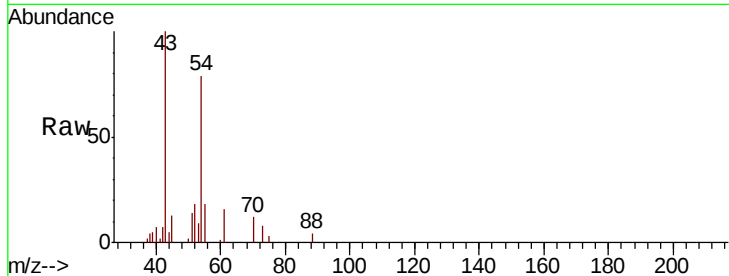
#37
Ethyl Acetate
Concen: 20.076 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.4	15.6
70	11.8	8.8	13.2

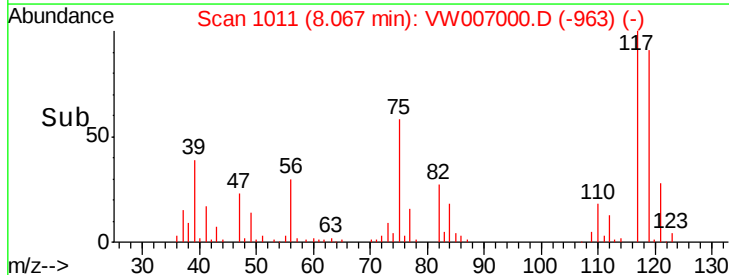
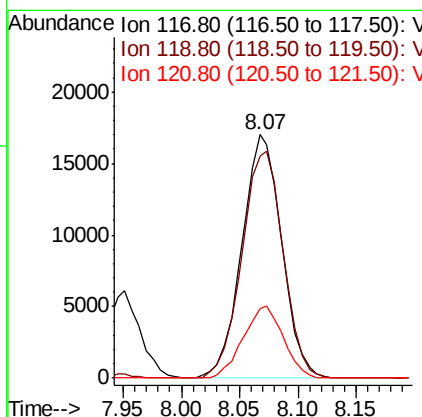
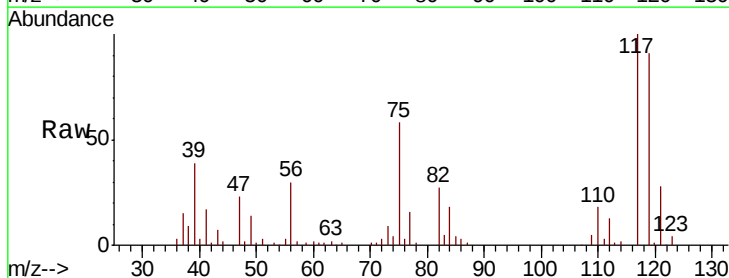
Manual Integrations
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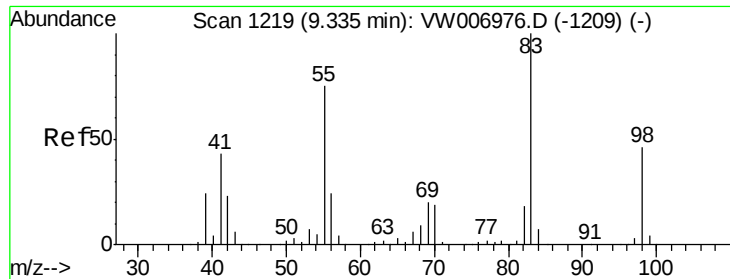
MMDadoda
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#38
Carbon Tetrachloride
Concen: 23.390 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	74.9	112.3
121	28.4	23.6	35.4





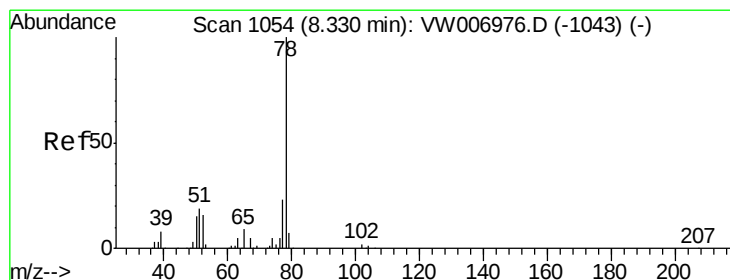
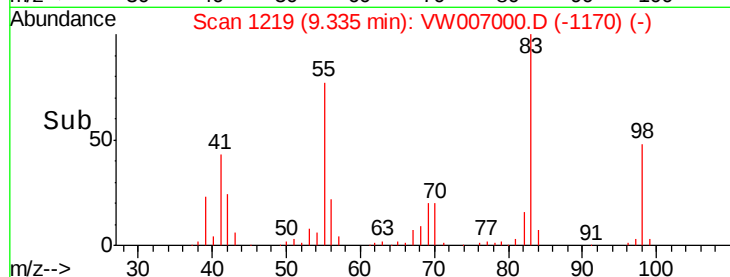
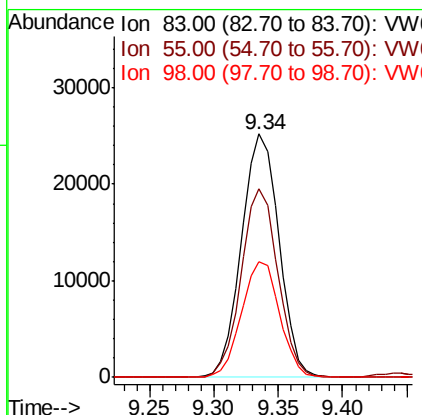
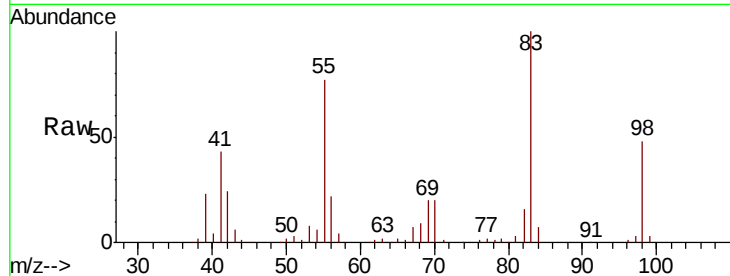
#39
Methvlcvclohexane
Concen: 22.412 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	59.6	89.4
98	47.7	37.1	55.7

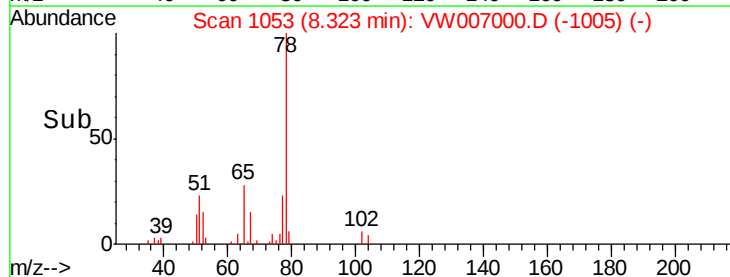
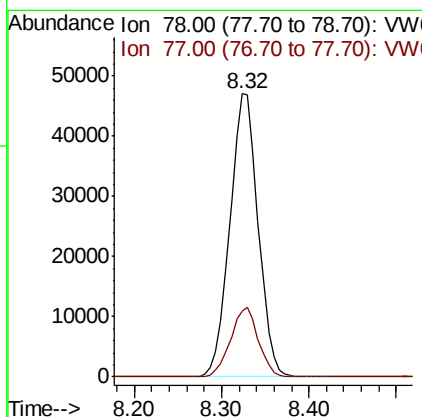
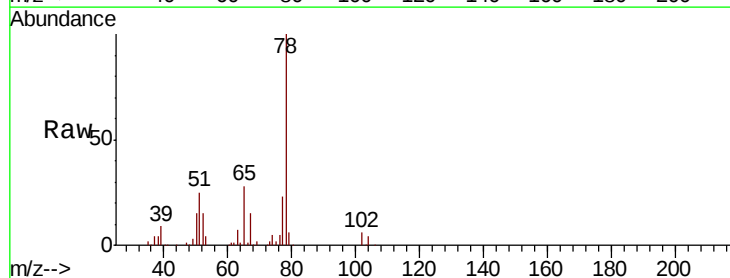
Manual Integrations
APPROVED

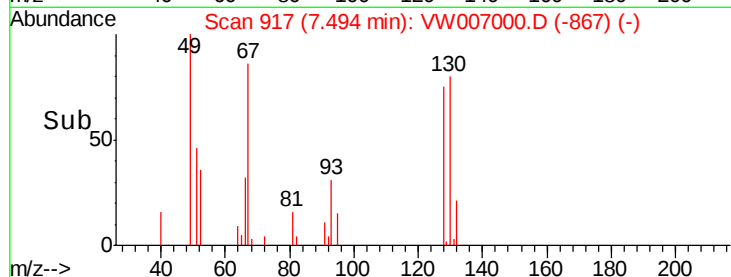
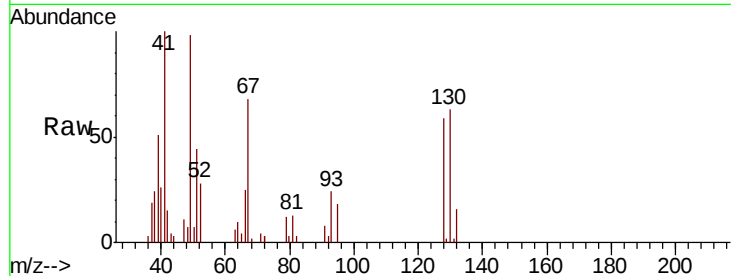
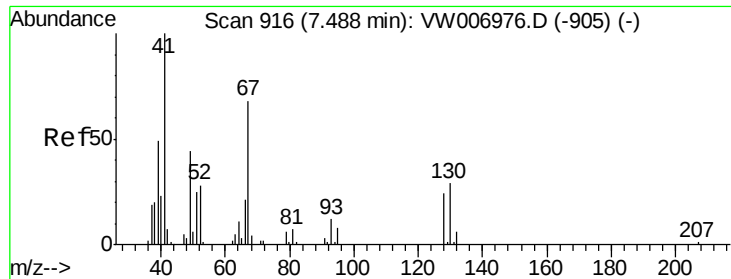
MMDadoda
11/26/2018 1:04:49 PM



#40
Benzene
Concen: 21.621 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

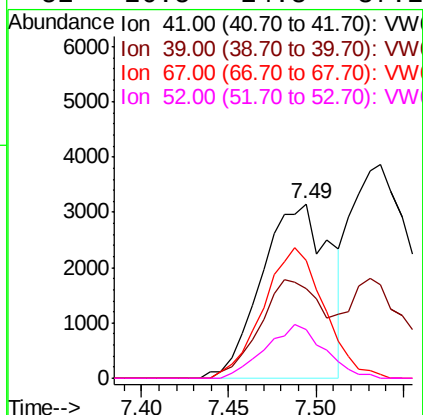
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





#41
Methacrylonitrile
Concen: 21.109 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

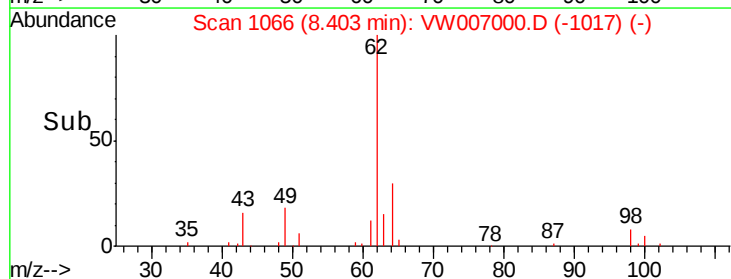
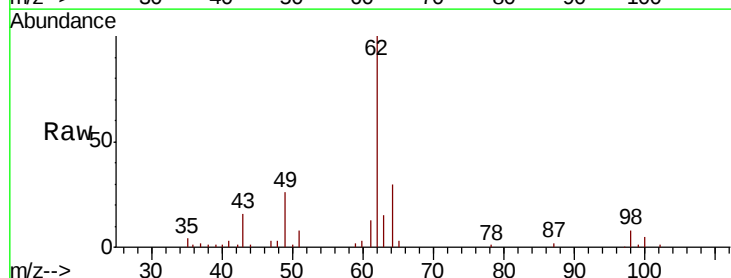
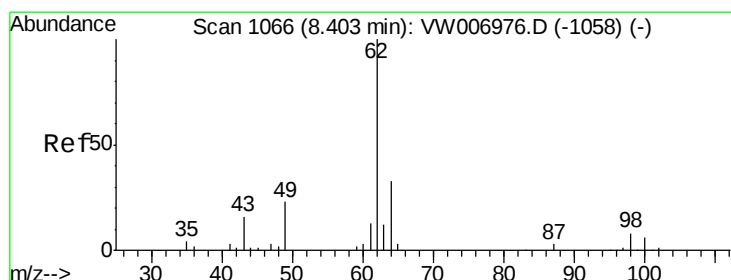
Tot Ion	41	Resp:	8601
Ion Ratio	100	Lower	Upper
41	100		
39	50.0	48.6	73.0
67	66.8	59.8	89.8
52	26.5	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

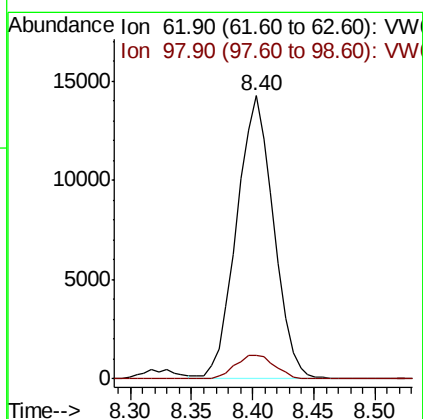
Manual Integrations
APPROVED

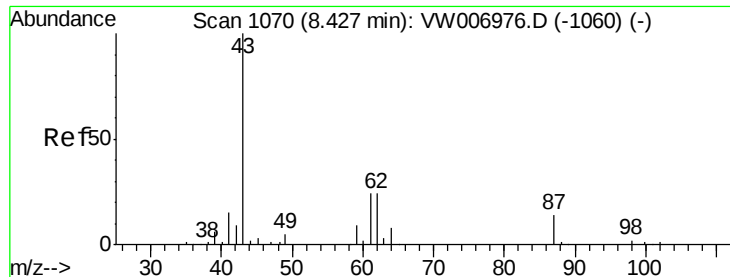
MMDadoda
11/26/2018 1:04:49 PM



#42
1,2-Dichloroethane
Concen: 21.151 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	62	Resp:	30012
Ion Ratio	100	Lower	Upper
62	100		
98	8.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.602 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

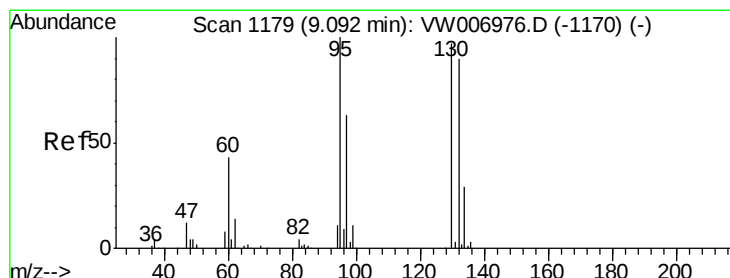
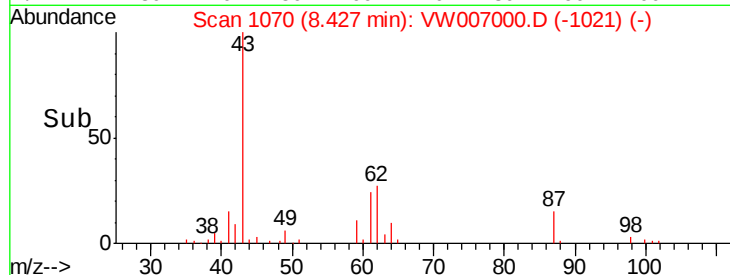
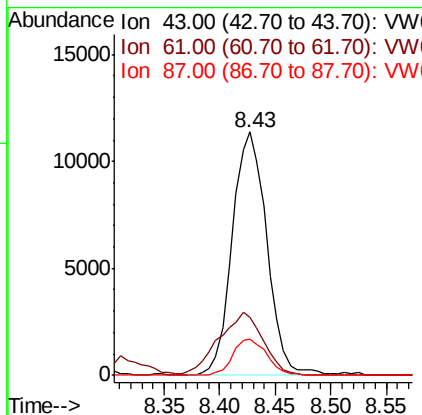
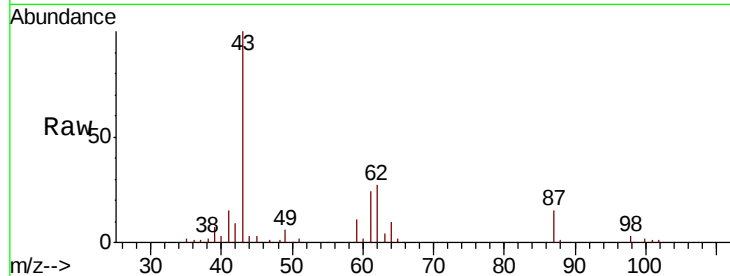
ClientSampleId :

VW1122SBS01

Tot Ion:	43	Resp:	24509
Ion	Ratio	Lower	Upper
43	100		
61	33.0	26.1	39.1
87	14.5	11.2	16.8

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#44

Trichloroethene

Concen: 22.303 ug/l

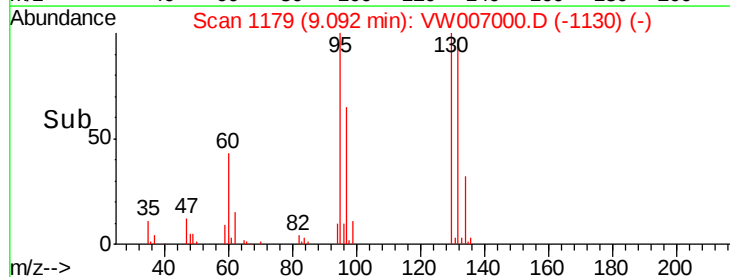
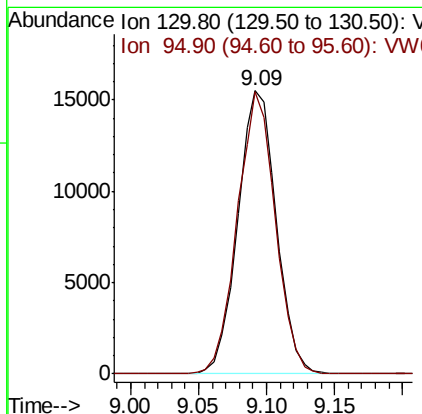
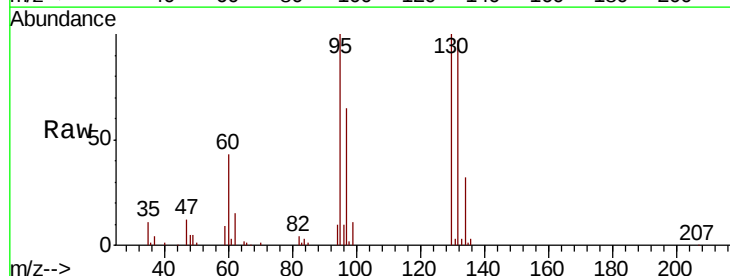
RT: 9.09 min Scan# 1179

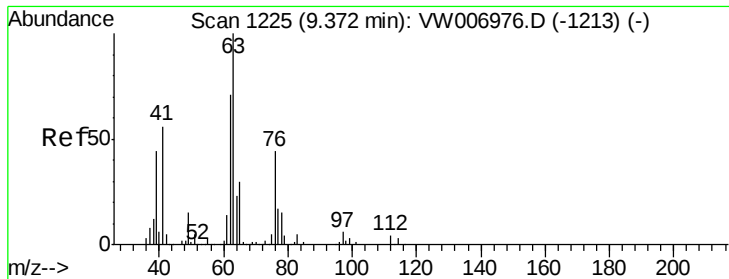
Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion:	130	Resp:	30556
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	206.4





#45

1,2-Dichloropropane

Concen: 21.821 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 63 Resp: 26290

Ion Ratio Lower Upper

63 100

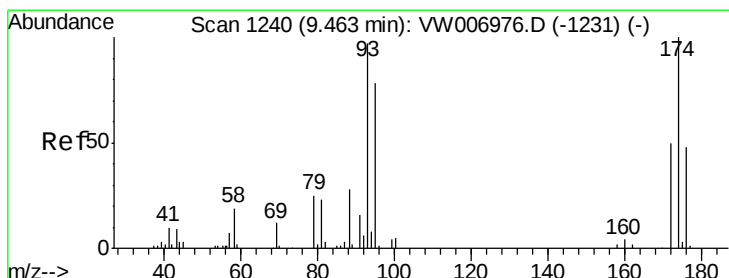
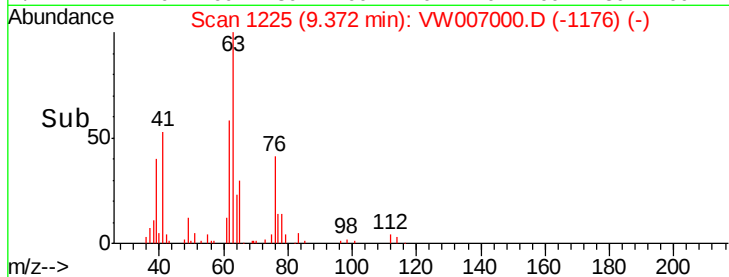
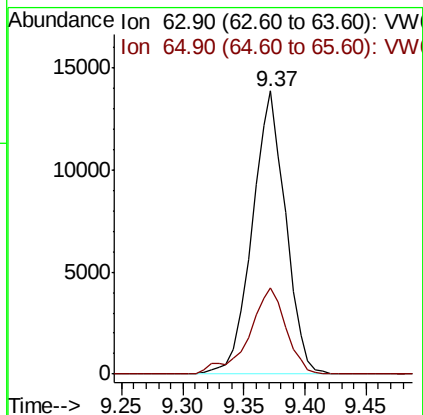
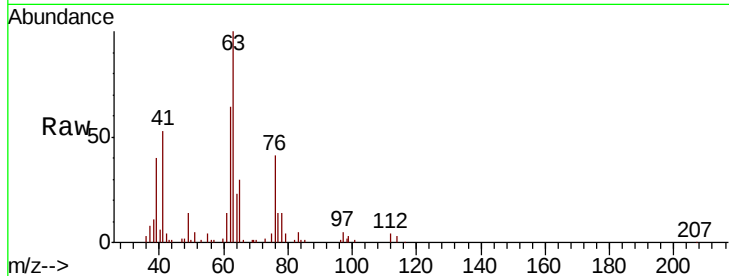
65 30.4 24.4 36.6

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#46

Dibromomethane

Concen: 20.259 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

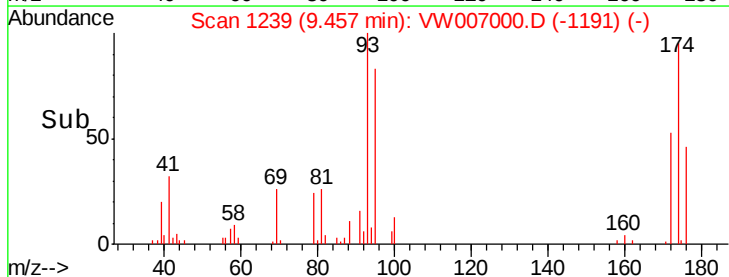
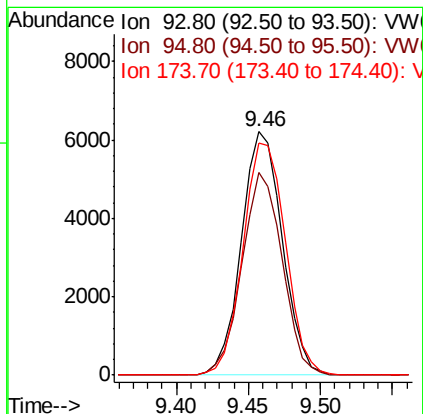
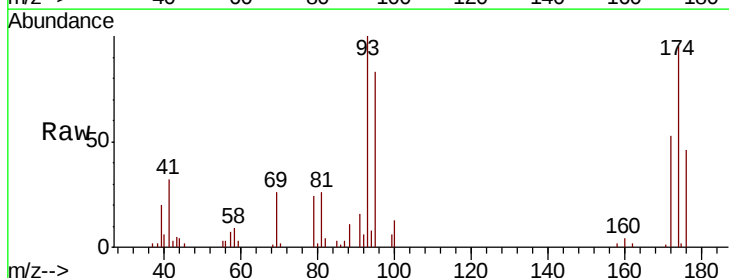
Tgt Ion: 93 Resp: 12223

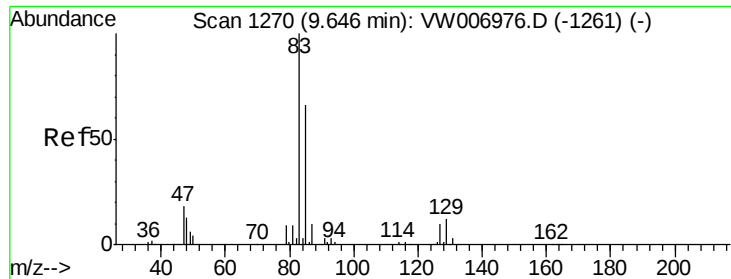
Ion Ratio Lower Upper

93 100

95 81.7 66.1 99.1

174 99.1 79.7 119.5





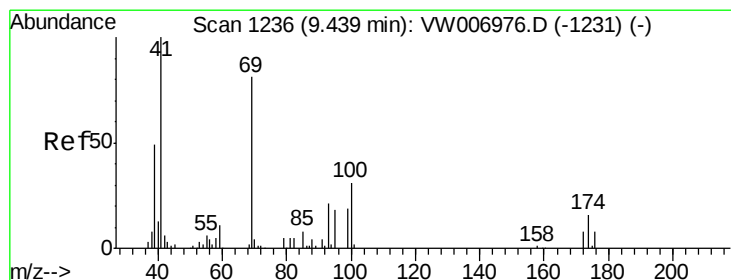
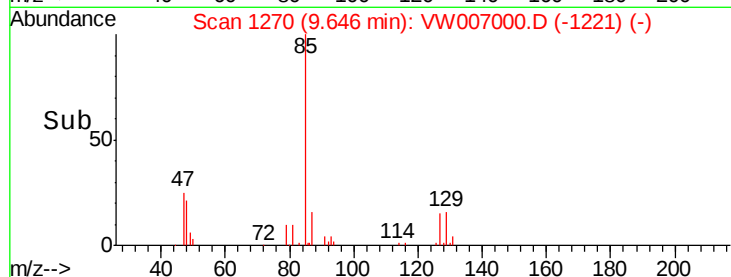
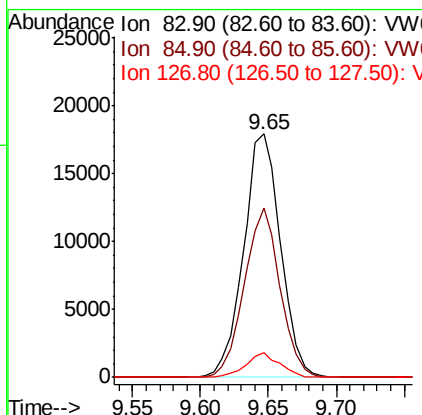
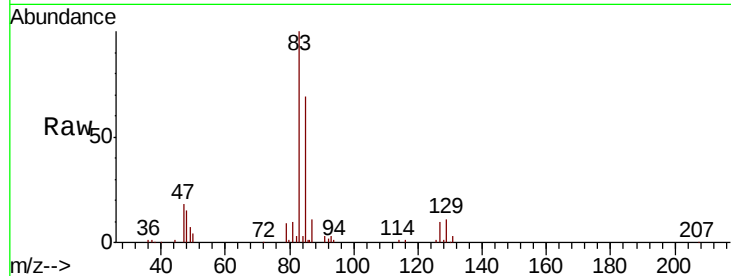
#47
 Bromodichloromethane
 Concen: 21.474 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	69.5	52.9	79.3
127	10.2	7.8	11.6

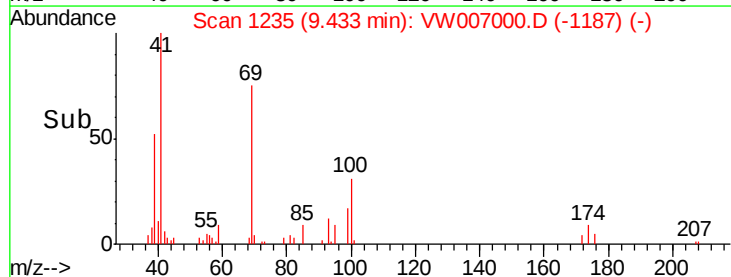
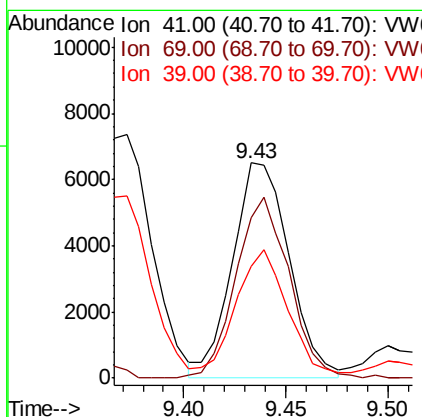
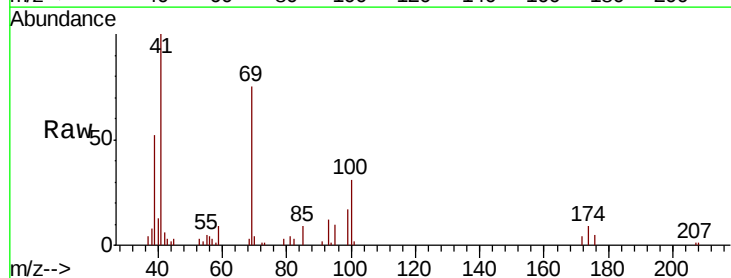
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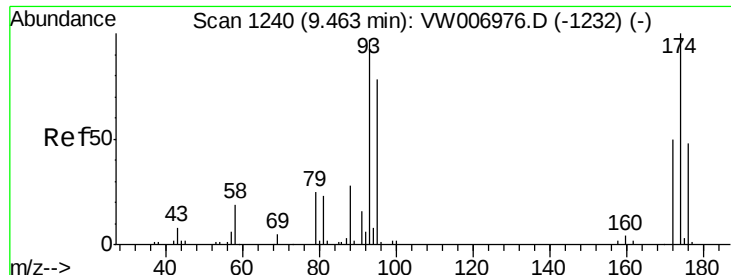
MMDadoda
 11/26/2018 1:04:49 PM



#48
 Methyl methacrylate
 Concen: 20.921 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.9	71.4	107.0
39	50.7	44.8	67.2





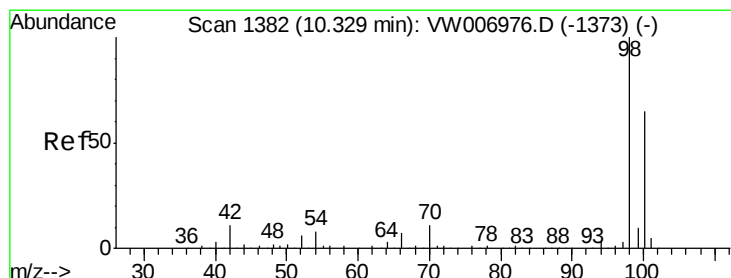
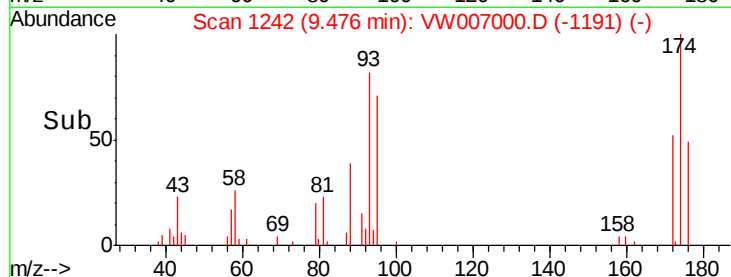
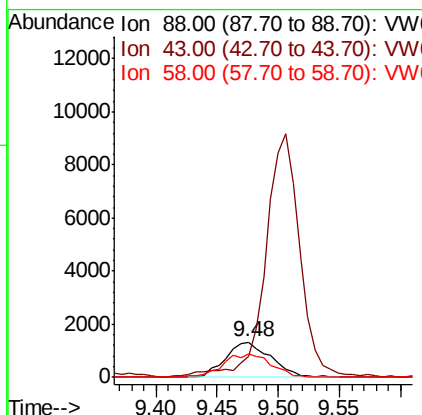
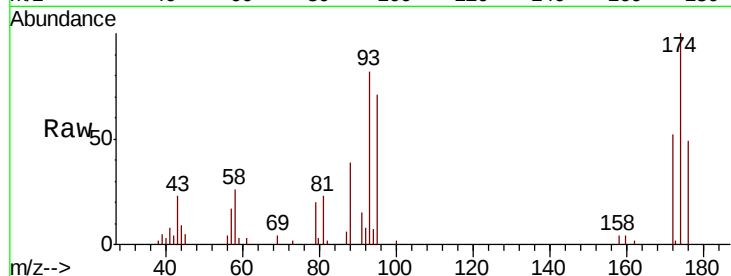
#49
1,4-Dioxane
Concen: 376.697 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	88	Resp	3378
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.7	59.0	88.6

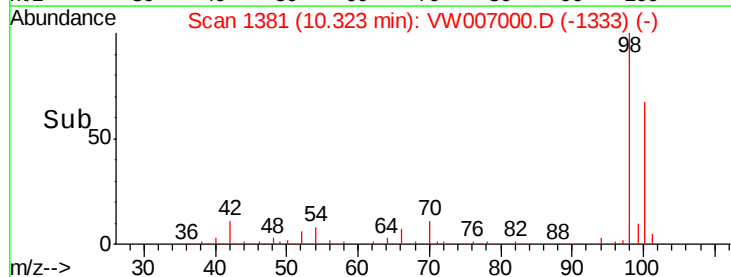
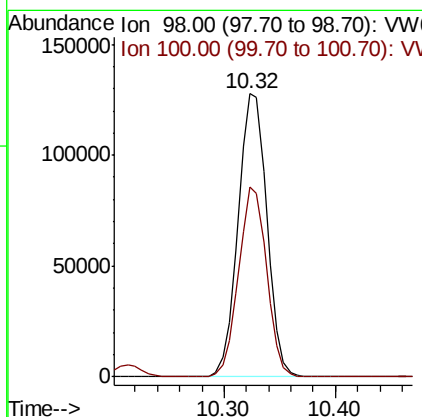
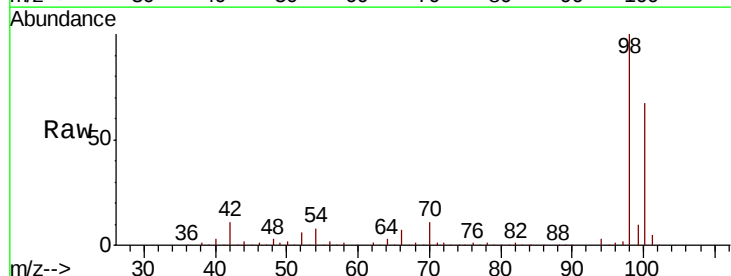
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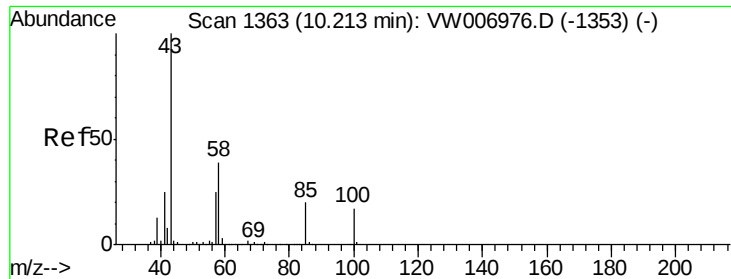
MMDadoda
11/26/2018 1:04:49 PM



#50
Toluene-d8
Concen: 49.334 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	98	Resp	227946
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 94.781 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 59888

Ion Ratio Lower Upper

43 100

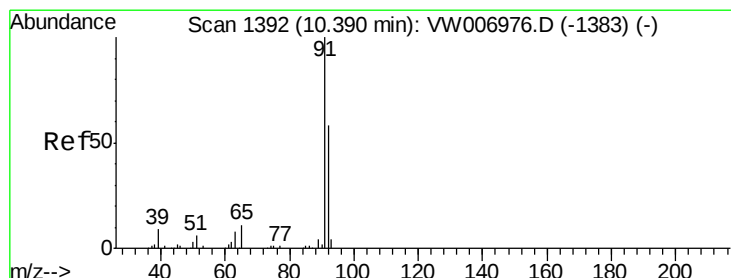
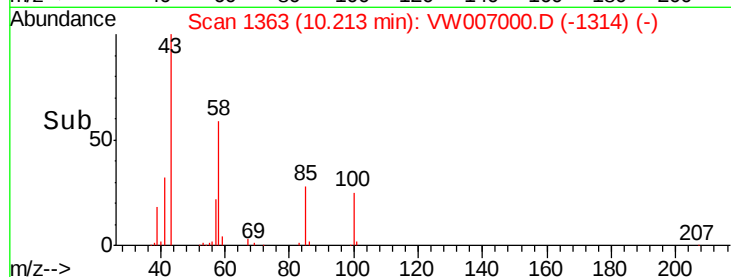
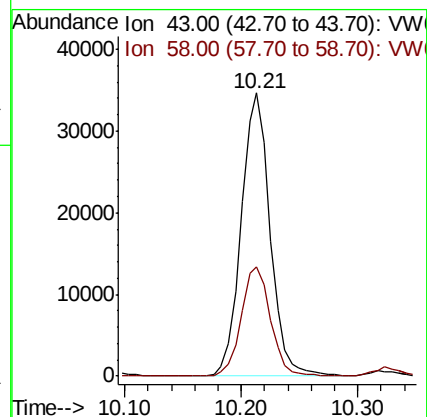
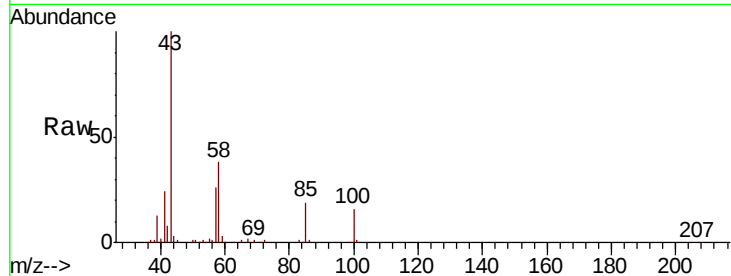
58 39.0 31.8 47.6

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#52

Toluene

Concen: 21.564 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007000.D

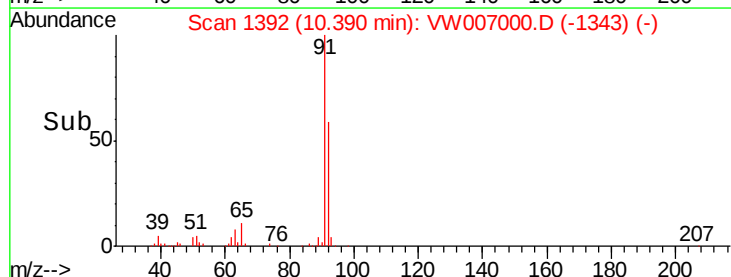
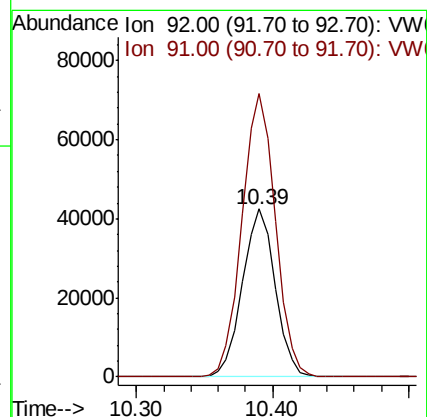
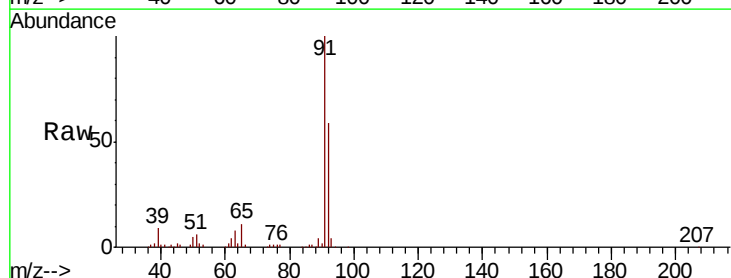
Acq: 21 Nov 2018 15:15

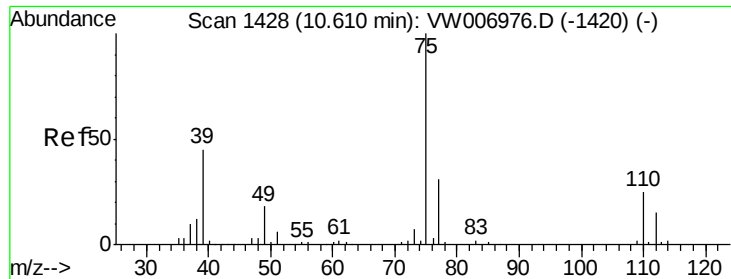
Tgt Ion: 92 Resp: 71724

Ion Ratio Lower Upper

92 100

91 171.3 137.3 205.9





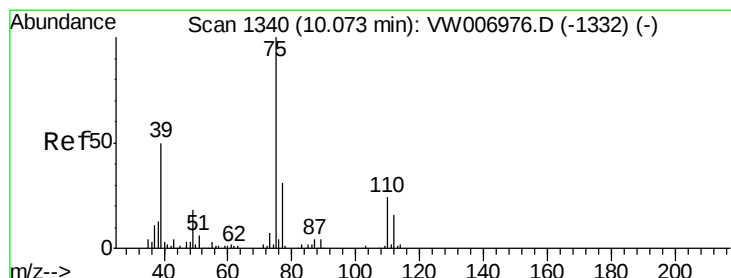
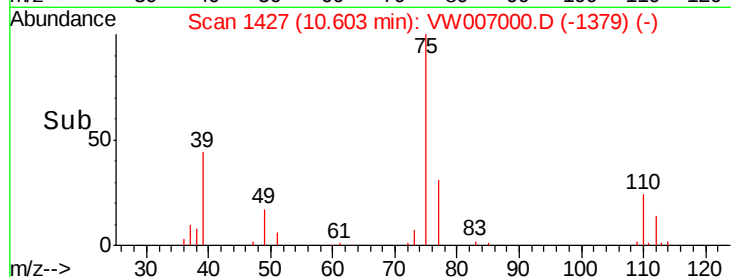
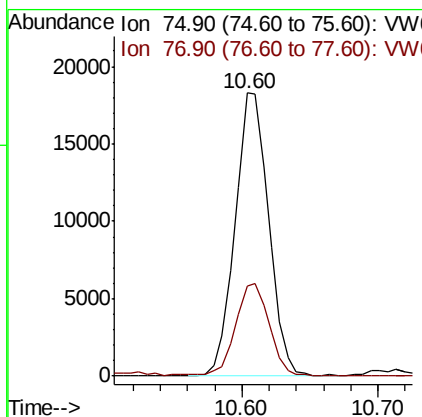
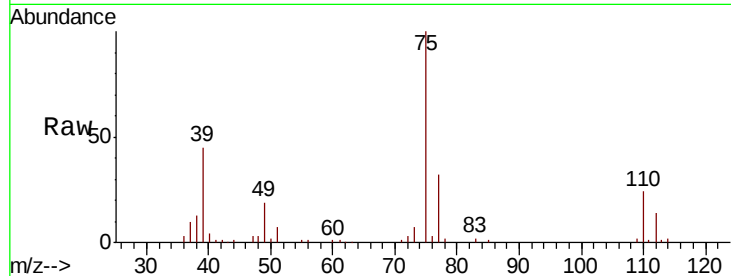
#53
 t-1,3-Dichloropropene
 Concen: 20.468 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion: 75 Resp: 31518
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.7 37.1

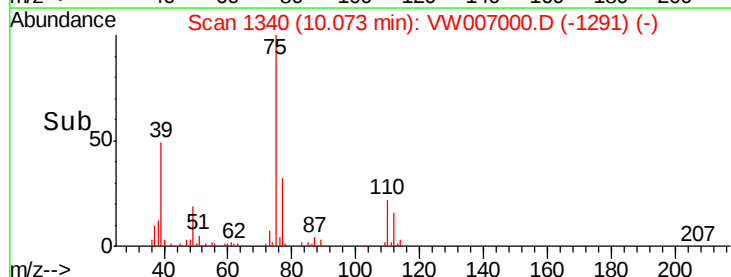
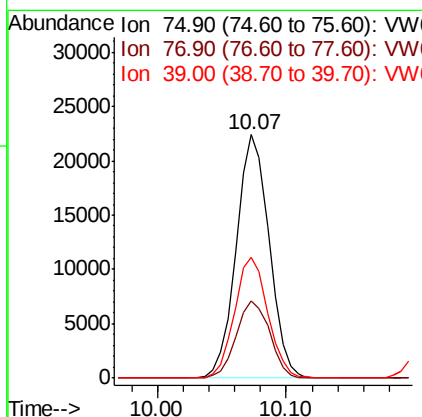
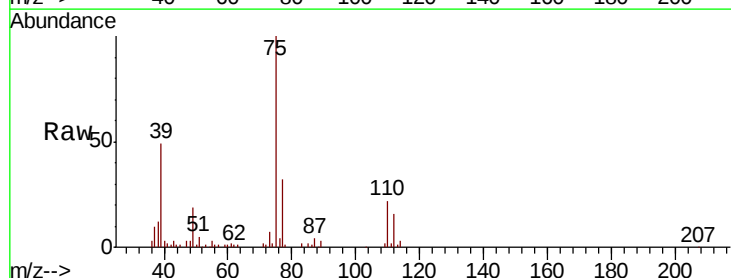
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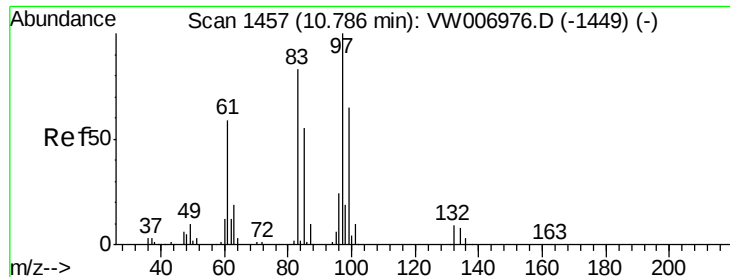
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#54
 cis-1,3-Dichloropropene
 Concen: 21.263 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 75 Resp: 39557
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6
 39 49.5 39.9 59.9





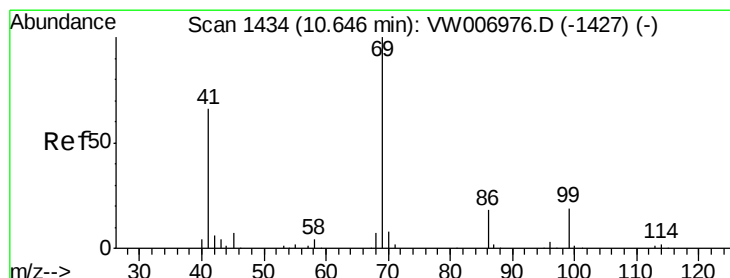
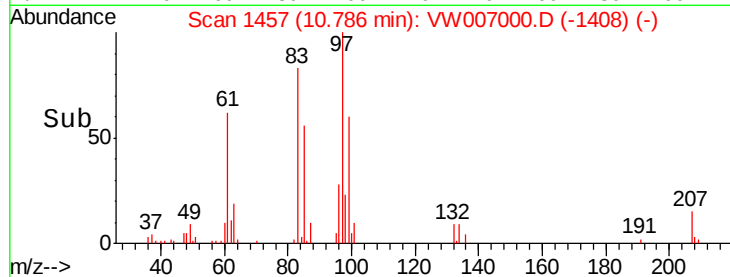
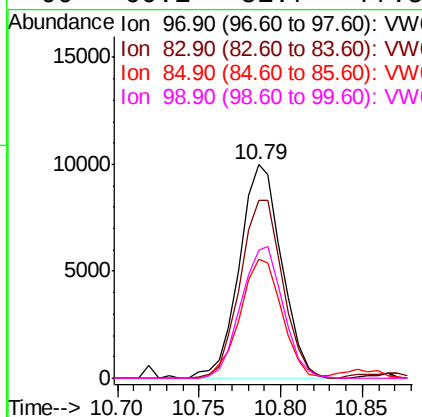
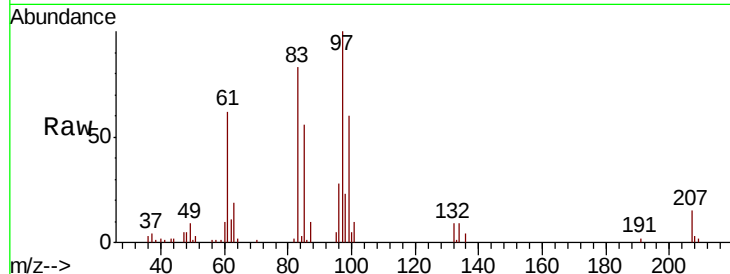
#55
 1,1,2-Trichloroethane
 Concen: 20.235 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion:	97	Resp:	17962
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.4	99.6
85	55.6	44.1	66.1
99	60.1	51.7	77.5

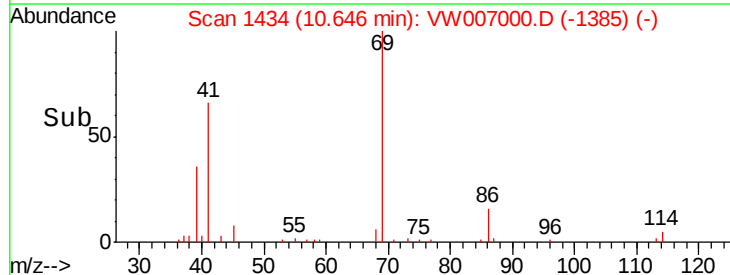
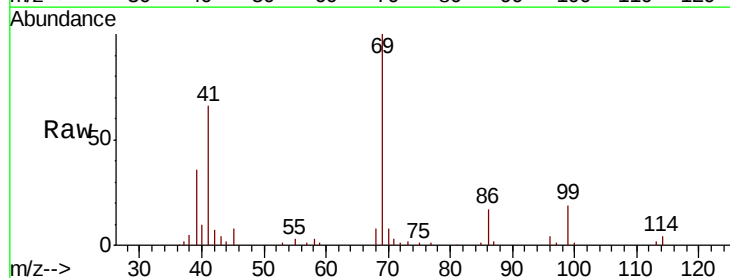
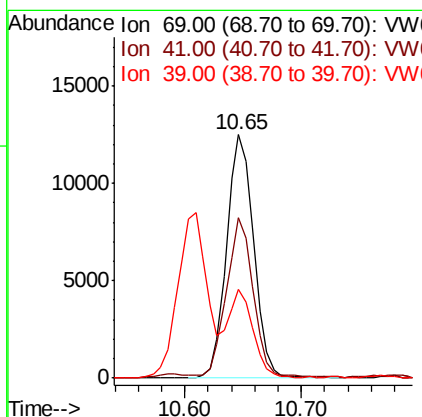
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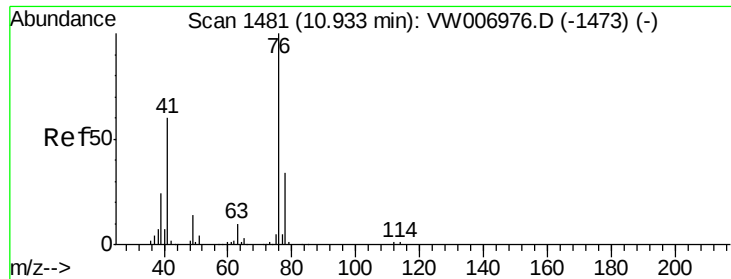
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#56
 Ethyl methacrylate
 Concen: 19.637 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion:	69	Resp:	20234
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.4	80.0
39	34.7	28.2	42.4





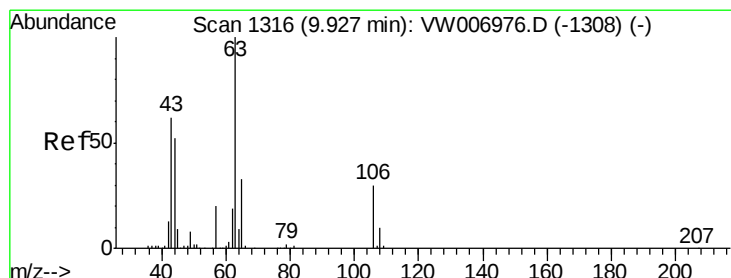
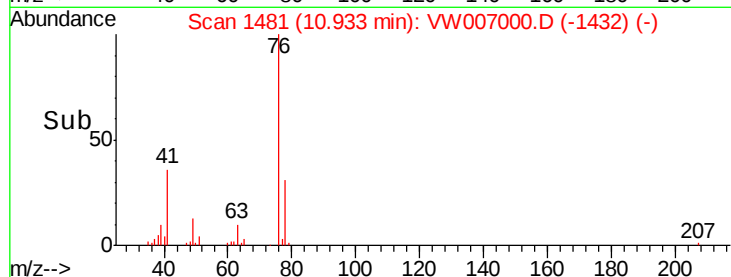
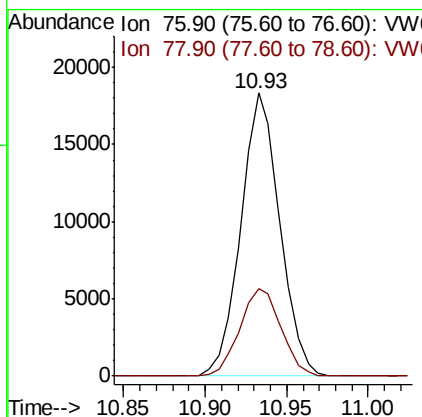
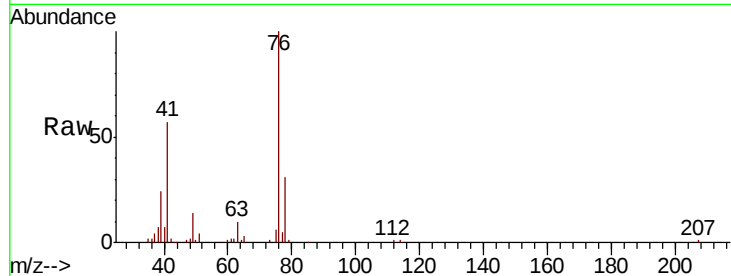
#57
 1,3-Dichloropropane
 Concen: 20.447 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

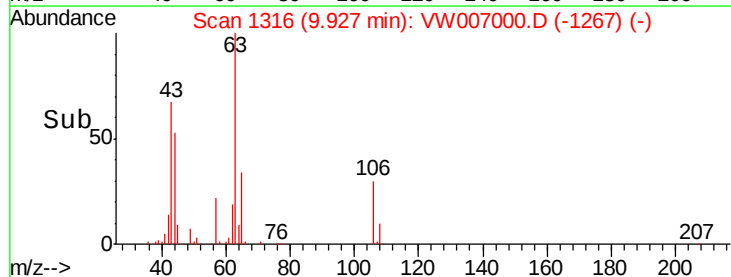
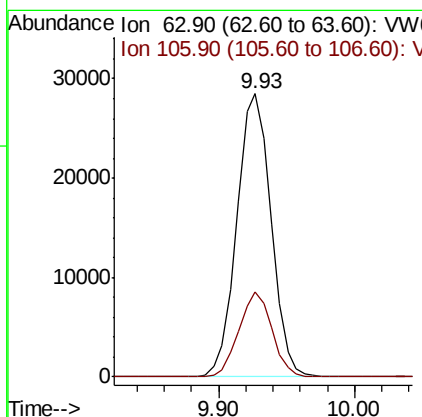
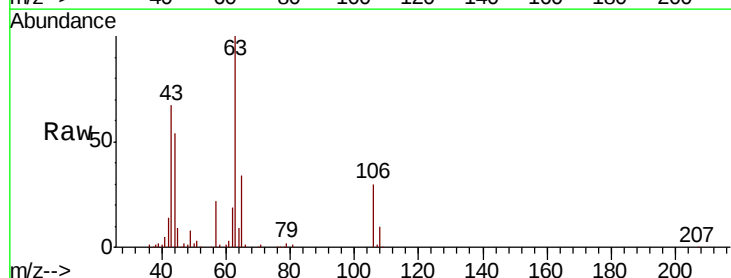
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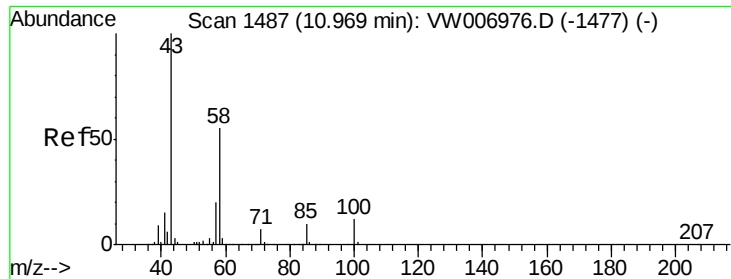
MMDadoda
 11/26/2018 1:04:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.926 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.5	35.3





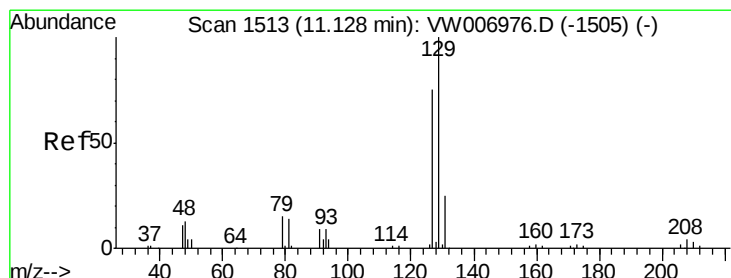
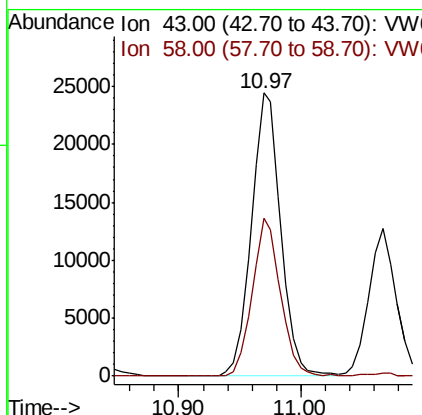
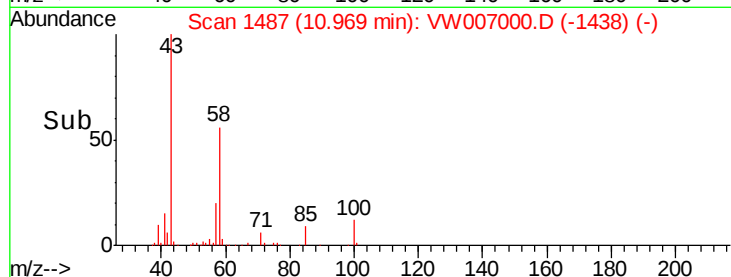
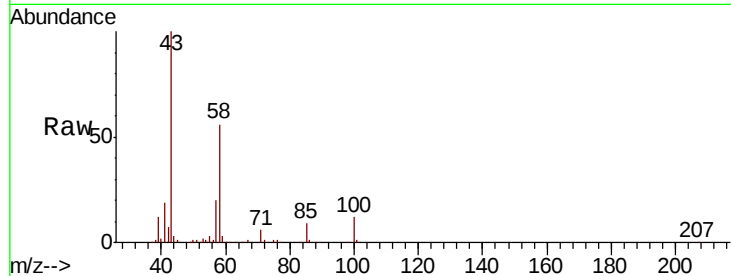
#59
2-Hexanone
Concen: 94.414 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampled :
VW1122SBS01

Tot Ion: 43 Resp: 40852
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8

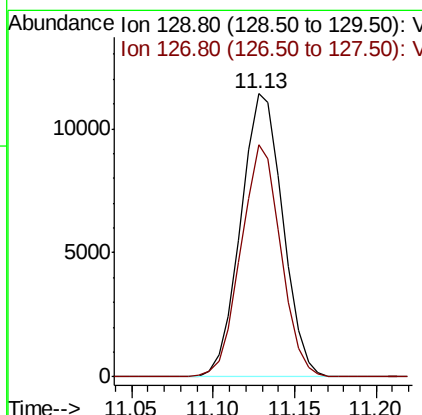
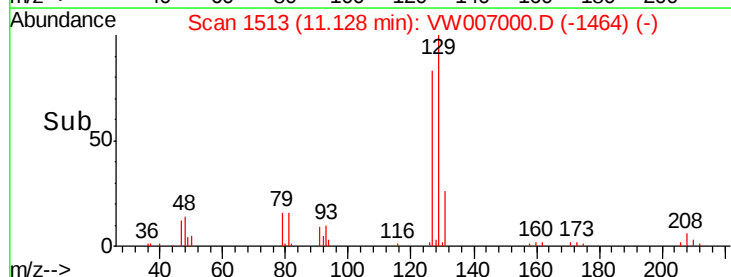
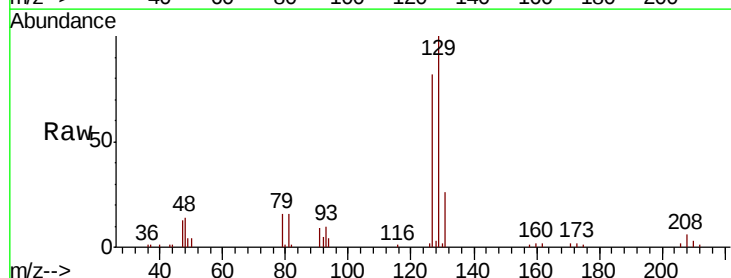
Manual Integrations
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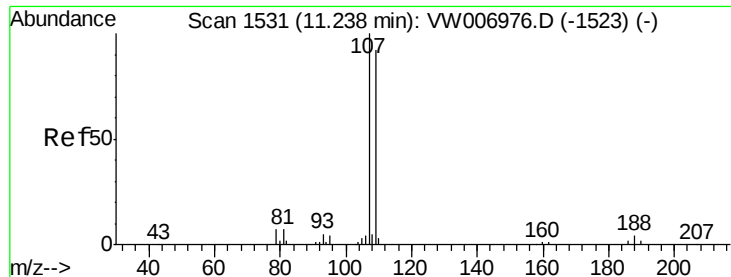
MMDadoda
11/26/2018 1:04:49 PM



#60
Dibromochloromethane
Concen: 20.195 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 129 Resp: 20427
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8





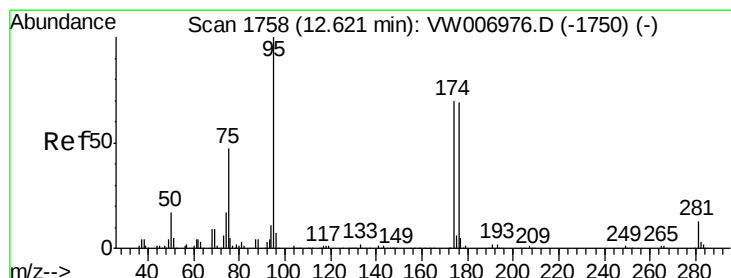
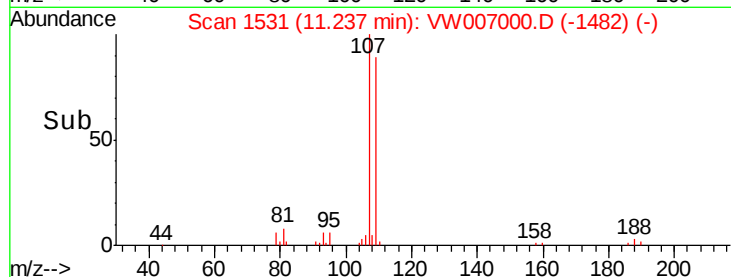
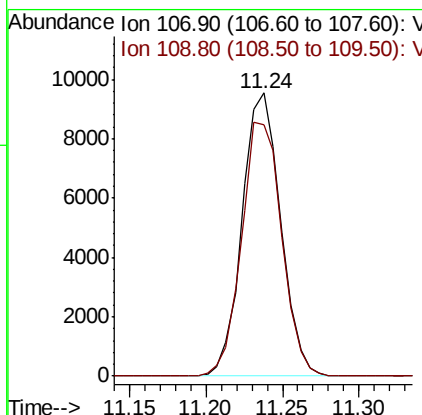
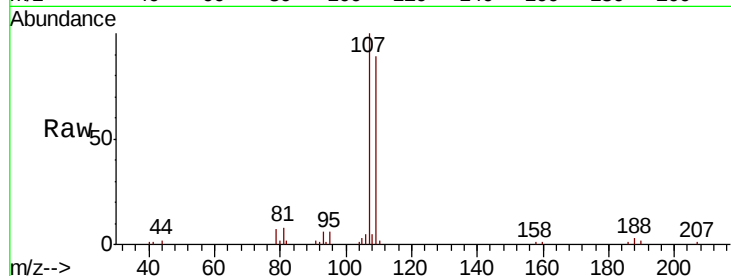
#61
 1,2-Dibromoethane
 Concen: 20.523 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion: 107 Resp: 16665
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7

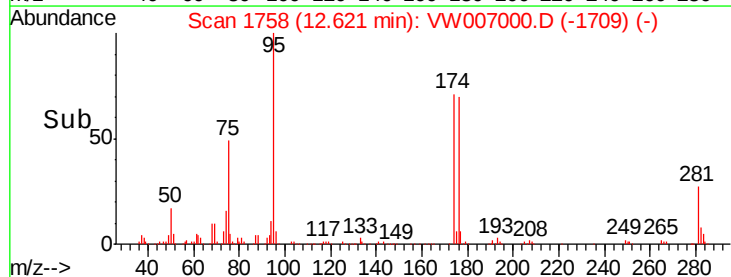
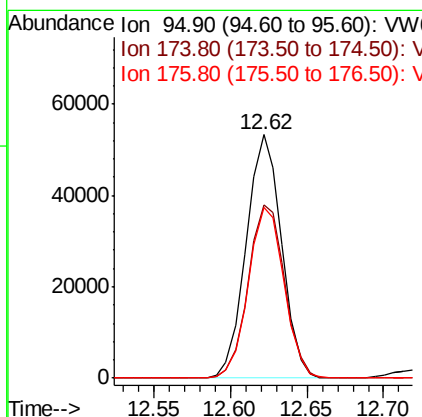
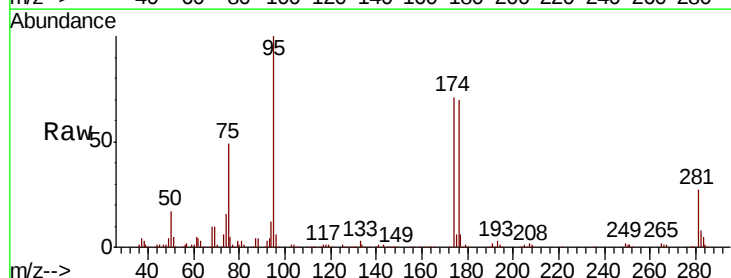
Manual Integrations
 APPROVED

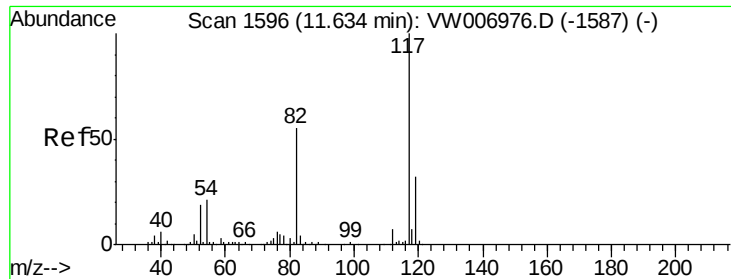
MMDadoda
 11/26/2018 1:04:49 PM



#62
 4-Bromofluorobenzene
 Concen: 47.089 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 95 Resp: 85618
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 143.6
 176 71.0 0.0 140.4





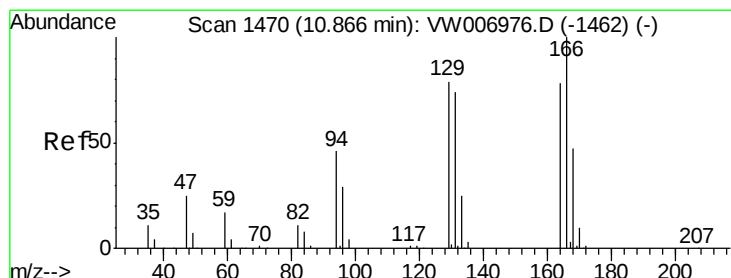
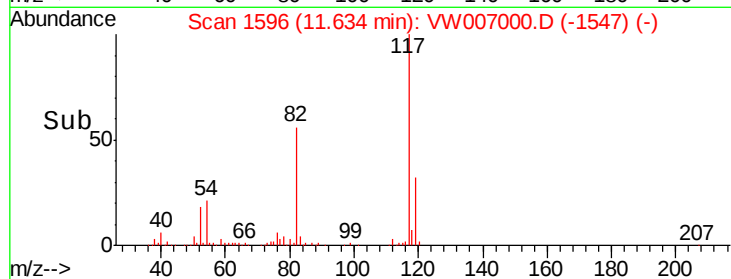
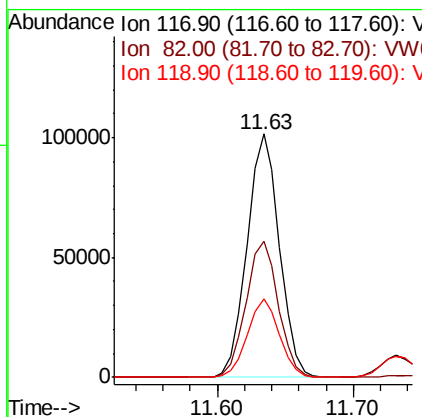
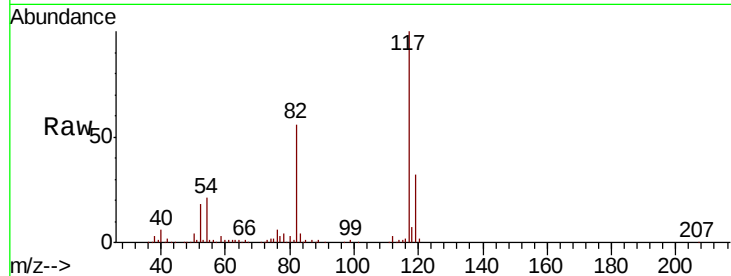
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	168903		
82	56.1		44.2	66.2
119	32.2		25.9	38.9

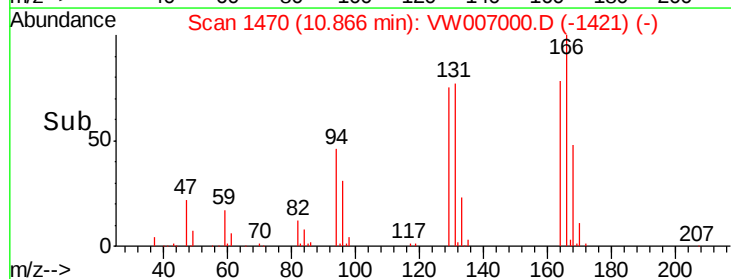
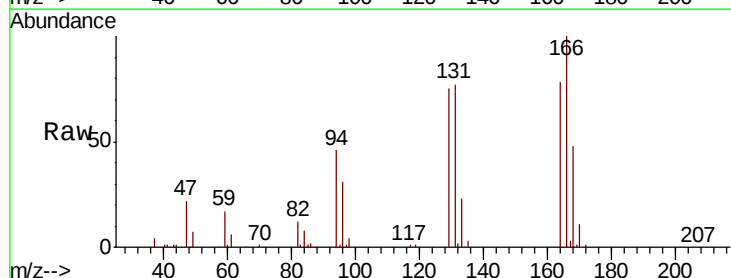
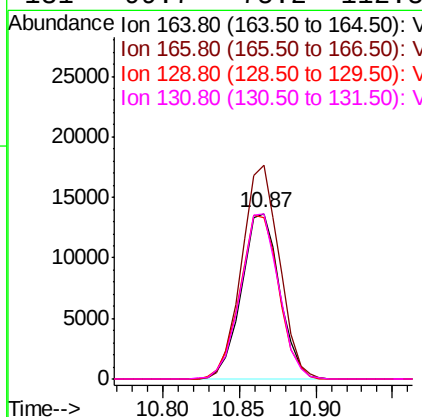
Manual Integrations
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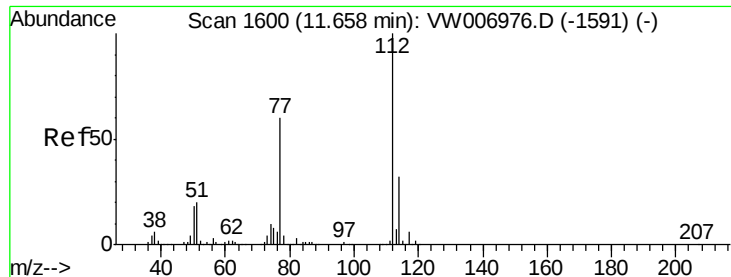
MMDadoda
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#64
Tetrachloroethene
Concen: 21.701 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	23580		
166	128.9		102.1	153.1
129	97.3		80.4	120.6
131	99.7		75.2	112.8





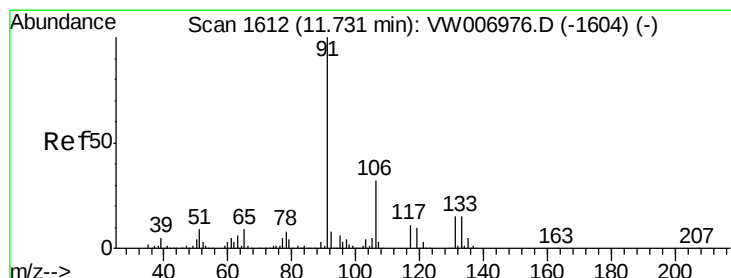
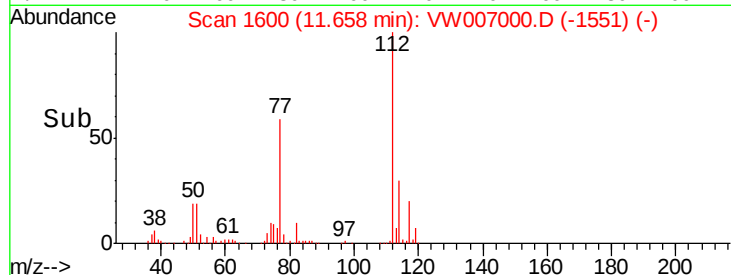
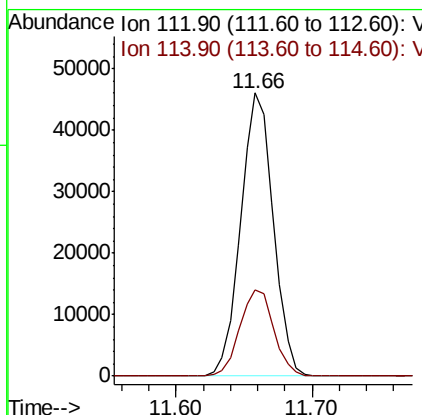
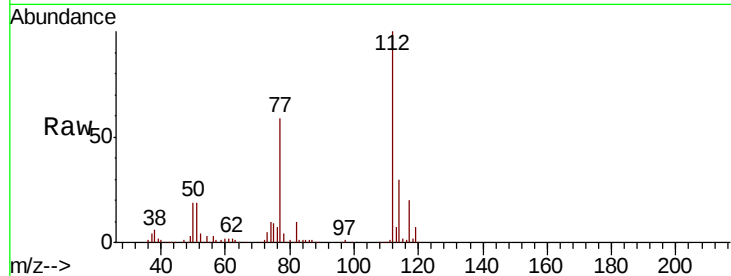
#65
Chlorobenzene
Concen: 21.824 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion:112 Resp: 76934
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8

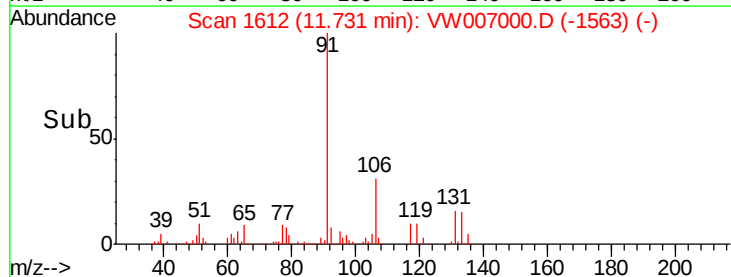
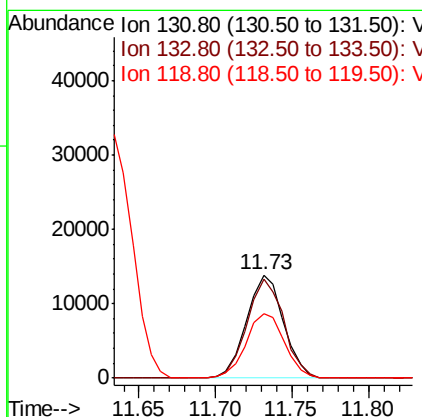
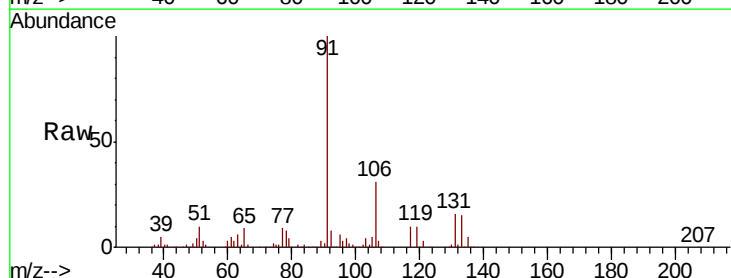
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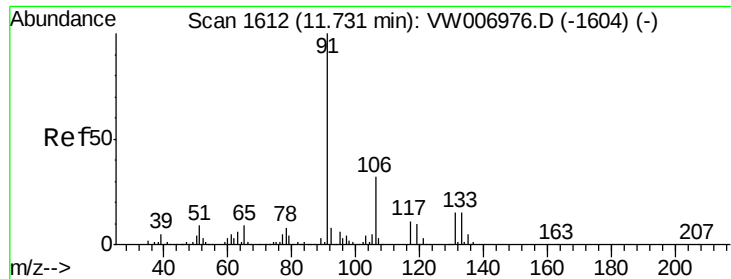
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.838 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion:131 Resp: 23288
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 65.1 31.8 95.3





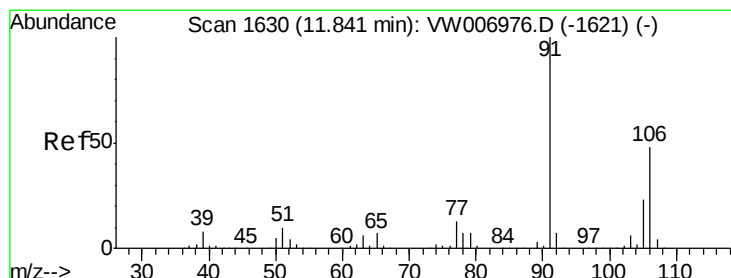
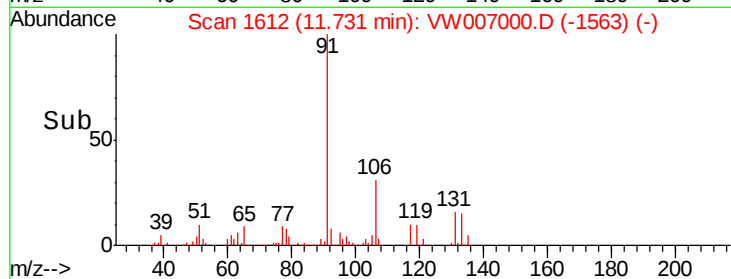
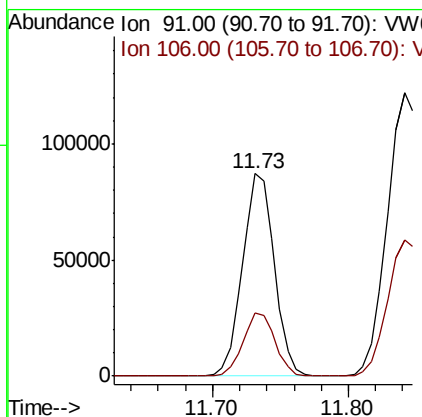
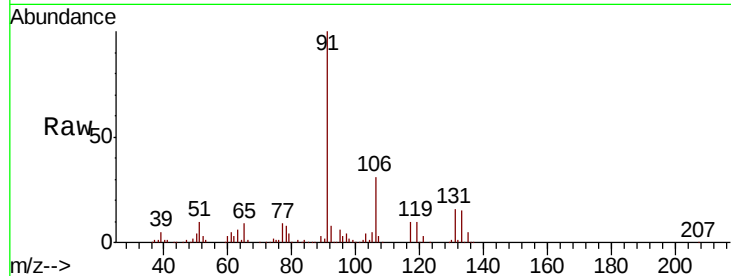
#67
Ethyl Benzene
Concen: 22.011 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion: 91 Resp: 142546
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

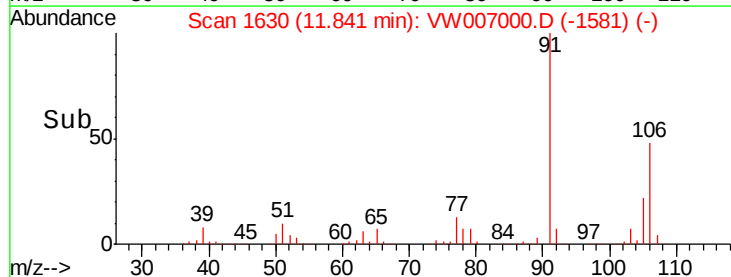
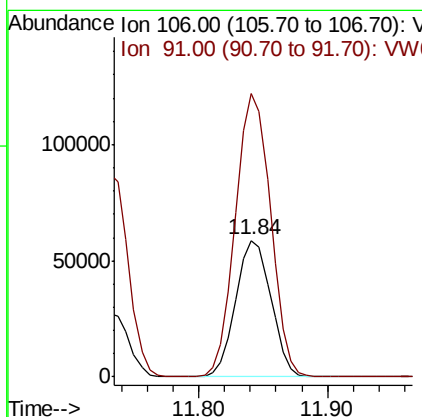
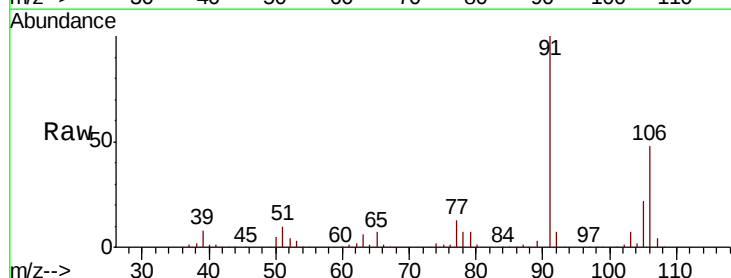
Manual Integrations
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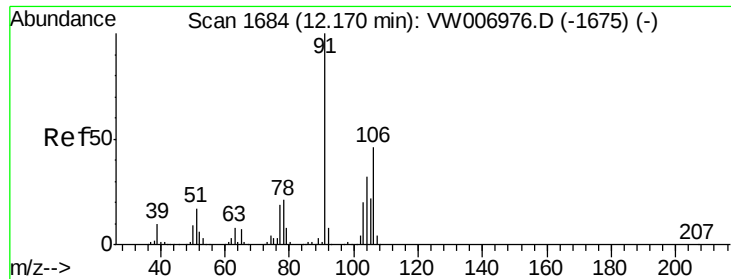
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#68
m/p-Xylenes
Concen: 43.904 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 106 Resp: 111550
Ion Ratio Lower Upper
106 100
91 207.5 164.8 247.2





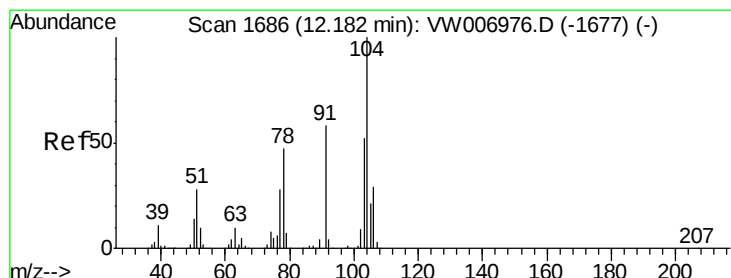
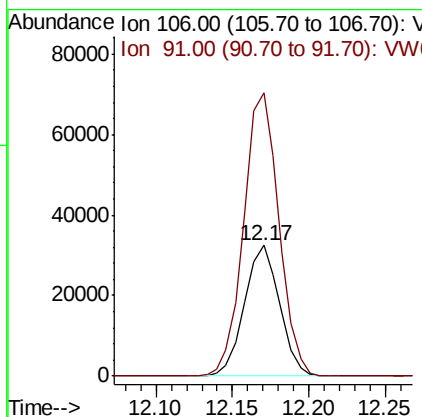
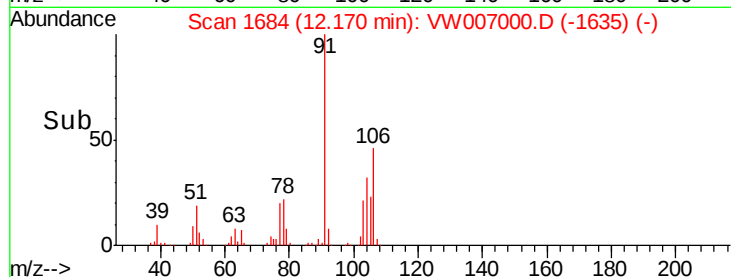
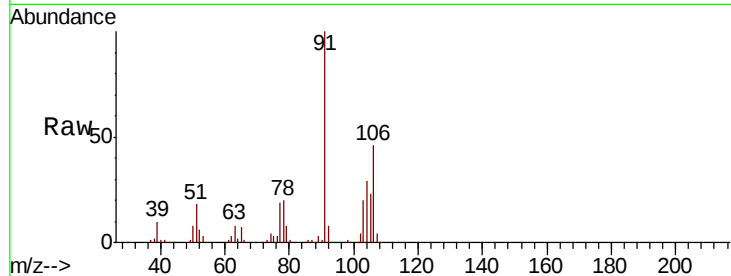
#69
o-Xylene
Concen: 21.619 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion:106 Resp: 51793
Ion Ratio Lower Upper
106 100
91 217.4 107.9 323.8

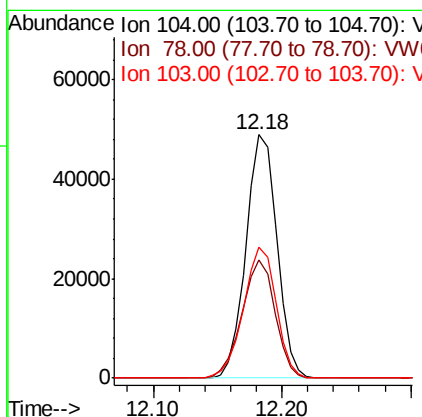
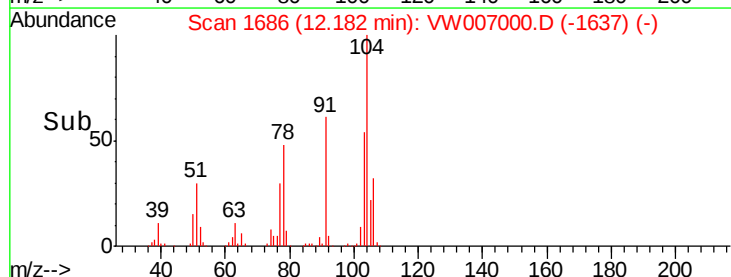
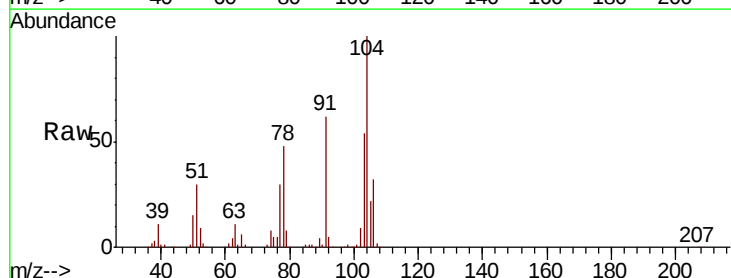
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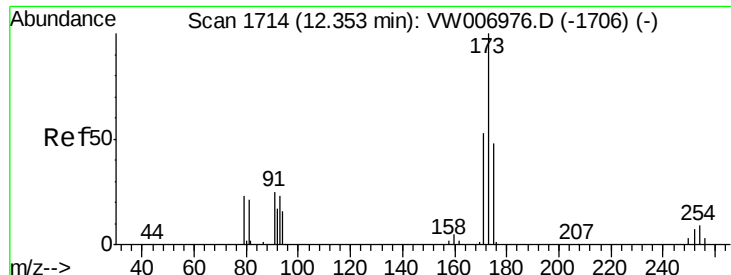
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#70
Styrene
Concen: 21.310 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion:104 Resp: 81257
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 56.8 44.4 66.6





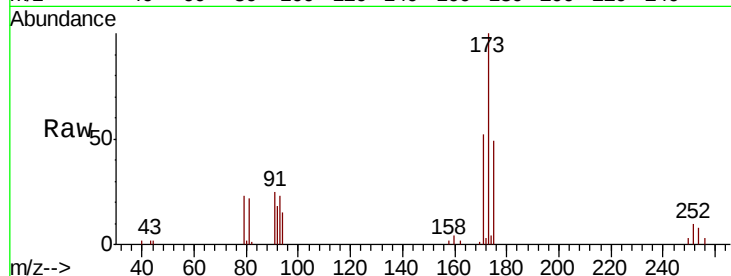
#71
Bromoform
Concen: 20.230 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.0	72.0
254	0.0	0.0	0.0

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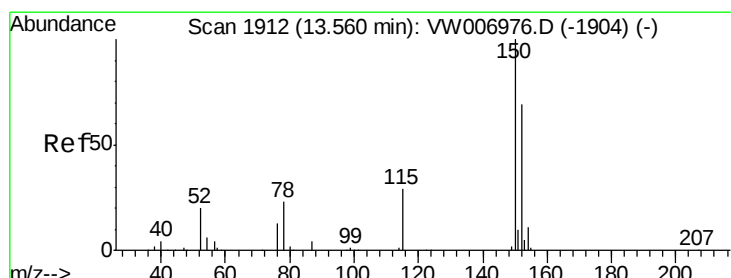
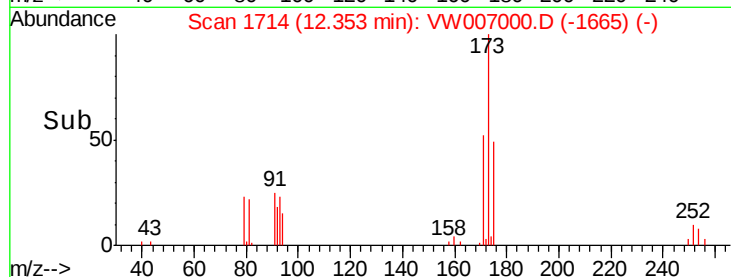
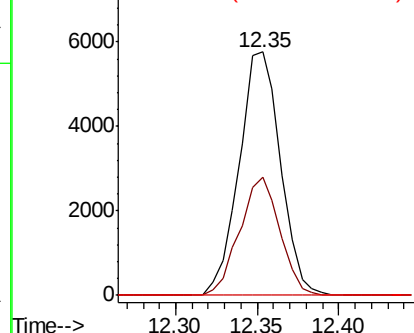


Abundance

Ion 172.70 (172.40 to 173.40): V

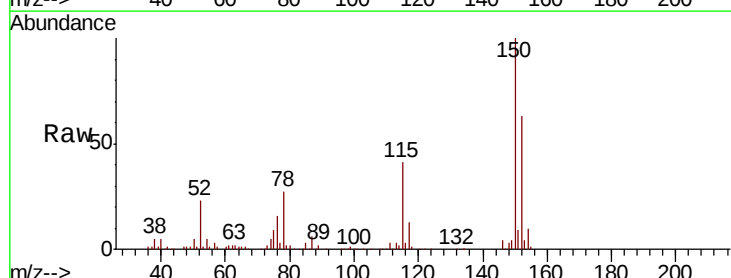
Ion 174.70 (174.40 to 175.40): V

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: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.4	94.2
150	164.1	0.0	353.4

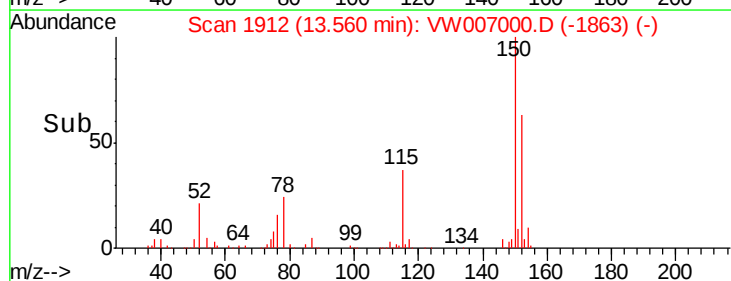
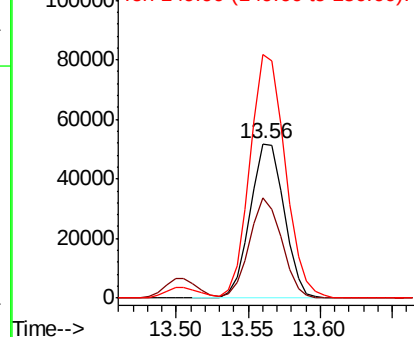


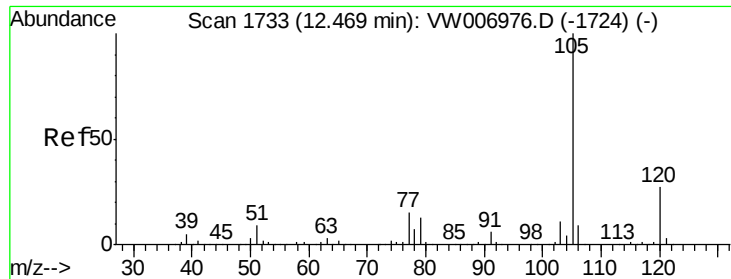
Abundance

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: 22.187 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion:105 Resp: 145429

Ion Ratio Lower Upper

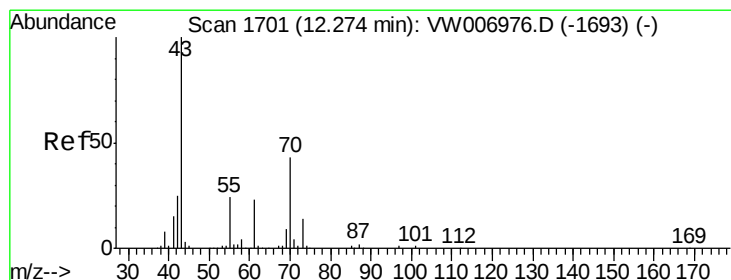
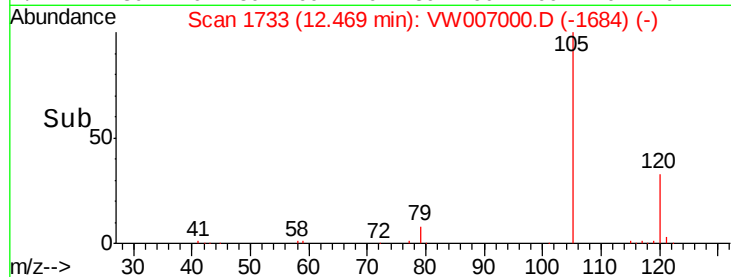
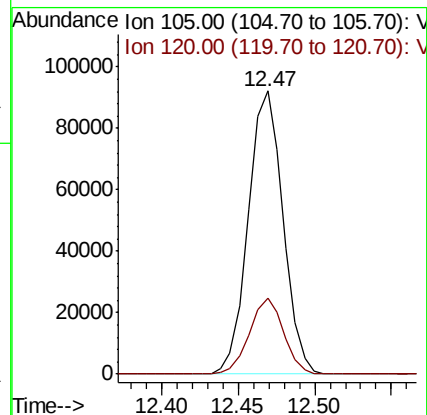
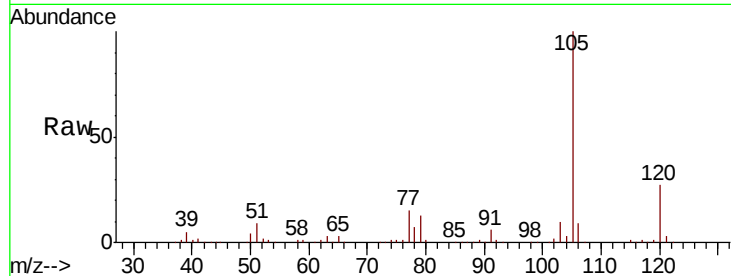
105 100

120 26.4 13.3 39.8

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11/26/2018 1:04:49 PM



#74

N-ethyl acetate

Concen: 19.809 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion: 43 Resp: 21761

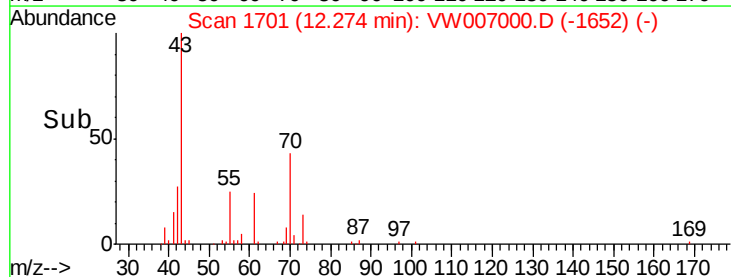
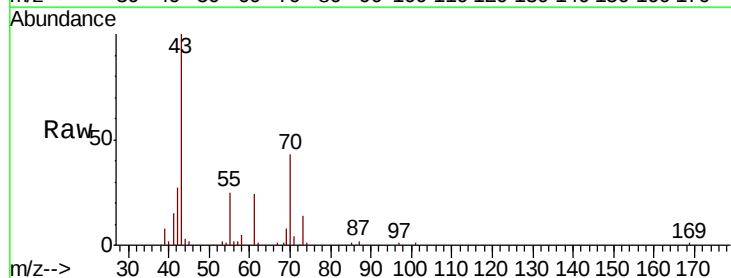
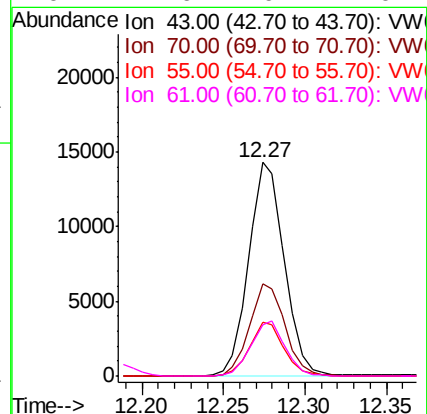
Ion Ratio Lower Upper

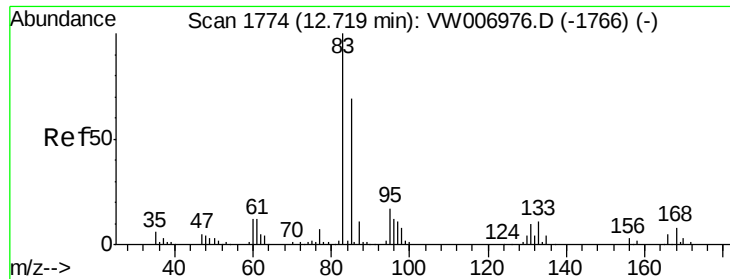
43 100

70 42.9 34.0 51.0

55 24.2 19.4 29.0

61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.986 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

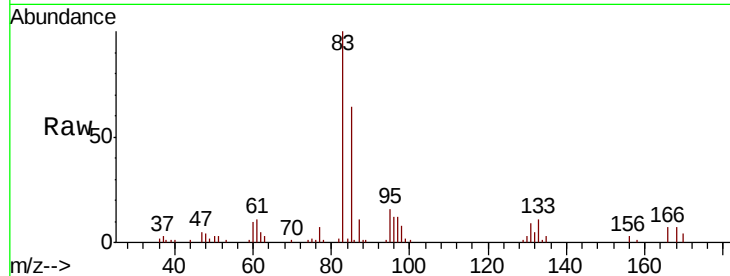
ClientSampleId :

VW1122SBS01

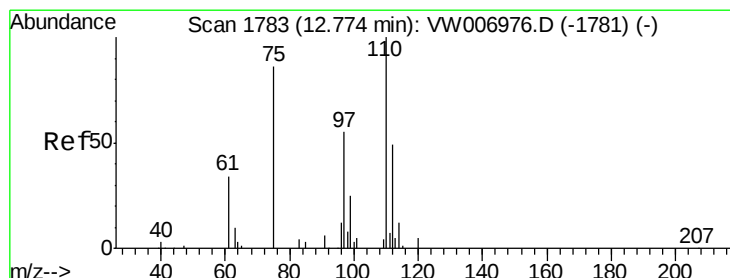
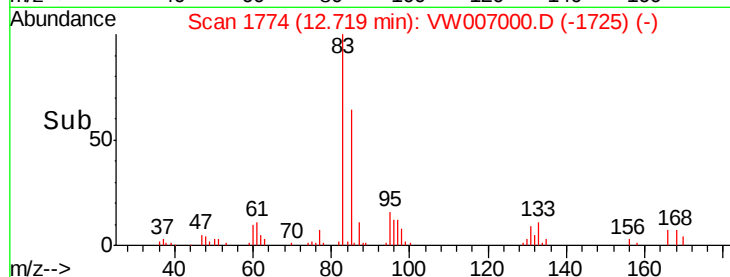
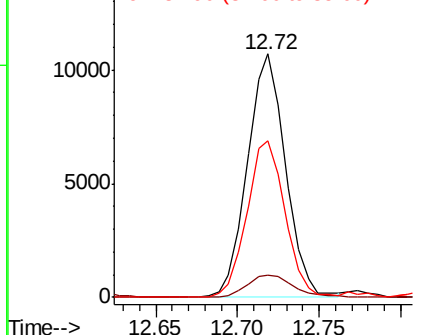
Tot Ion:	83	Resp:	17434
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.1
85	64.4	33.1	99.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 16.135 ug/l m

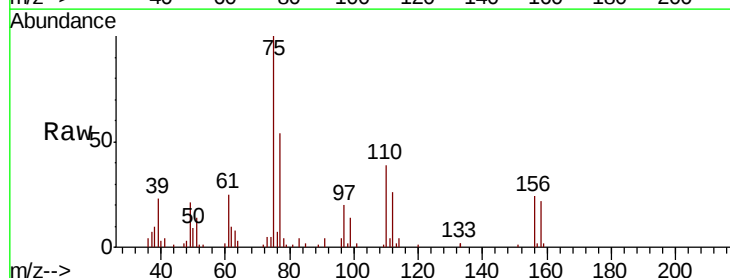
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

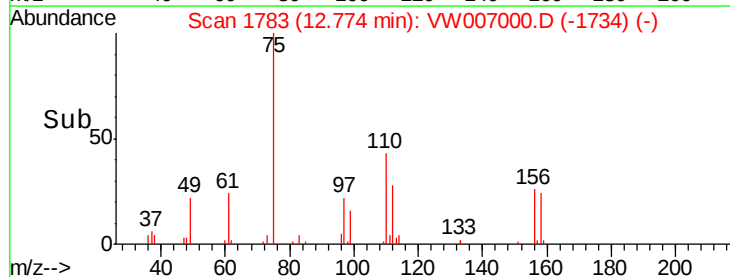
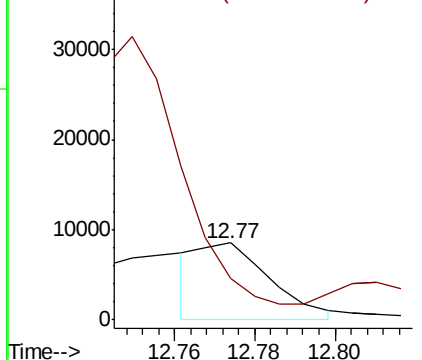
Lab File: VW007000.D

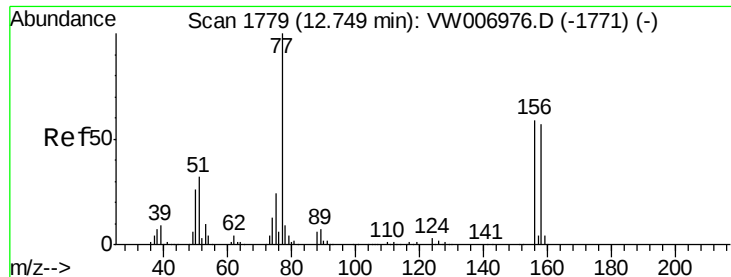
Acq: 21 Nov 2018 15:15

Tgt Ion:	75	Resp:	10693
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.130 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

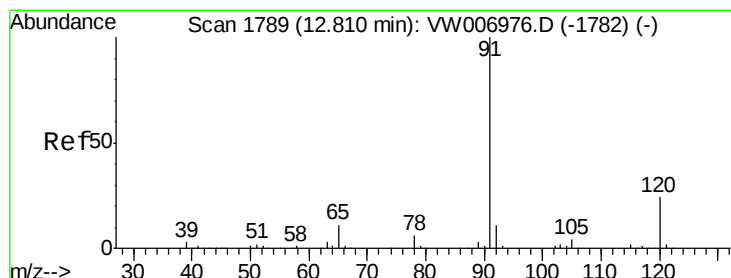
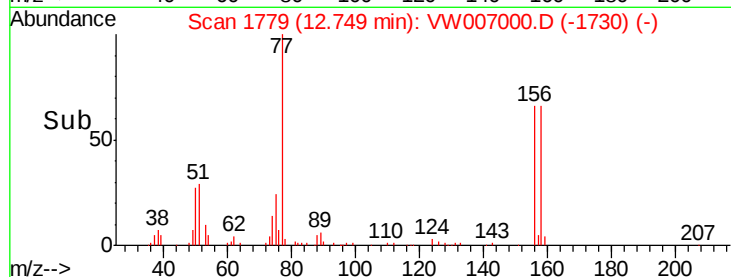
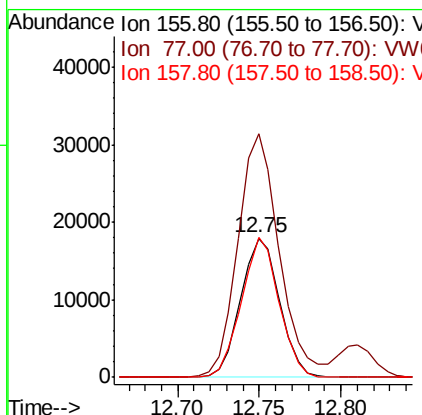
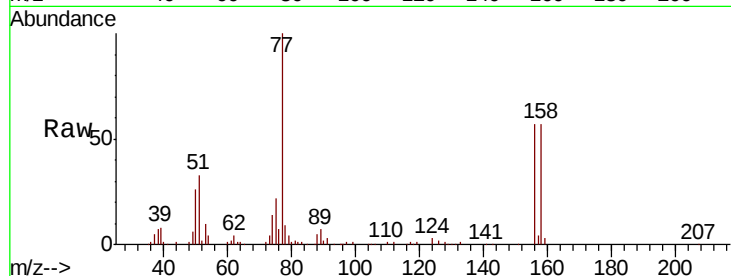
ClientSampleId :

VW1122SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	186.0	94.6	283.8	
158	97.5	48.9	146.7	

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#78

n-propylbenzene

Concen: 22.096 ug/l

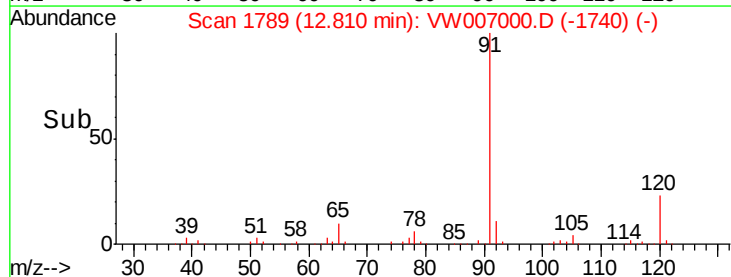
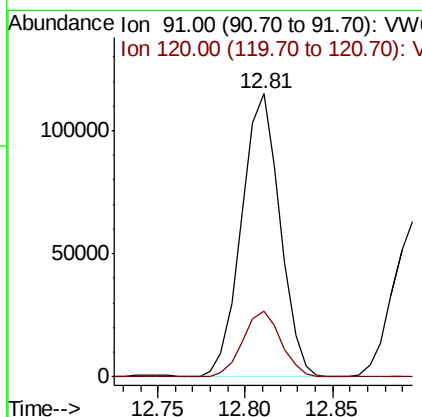
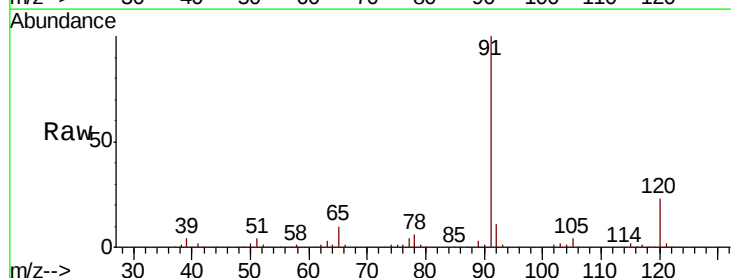
RT: 12.81 min Scan# 1789

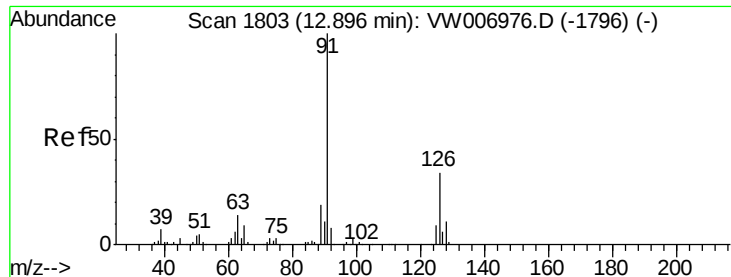
Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.1	11.7	35.1	





#79

2-Chlorotoluene

Concen: 21.833 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 91 Resp: 99949

Ion Ratio Lower Upper

91 100

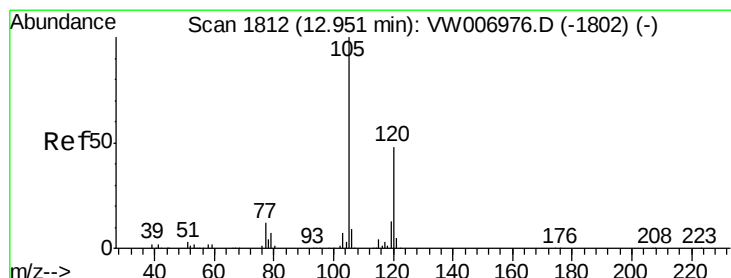
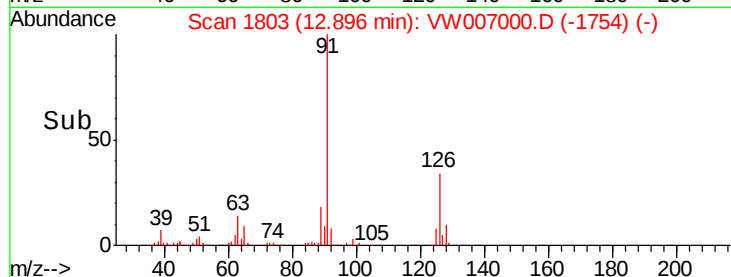
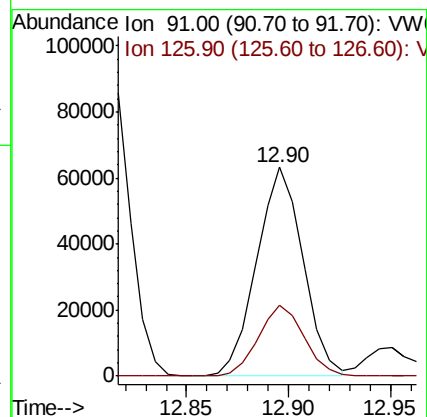
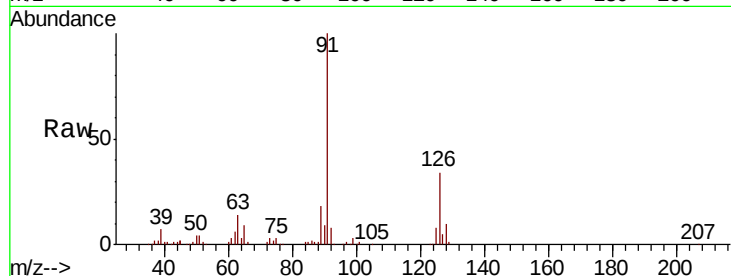
126 33.7 16.7 50.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.571 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007000.D

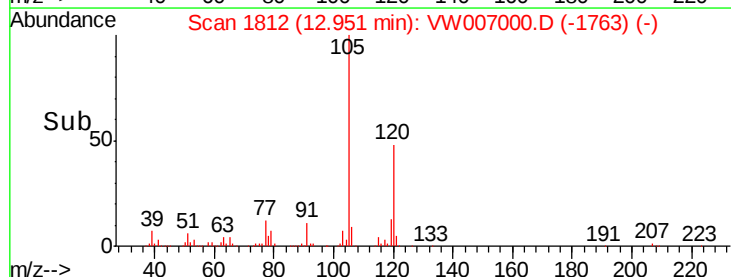
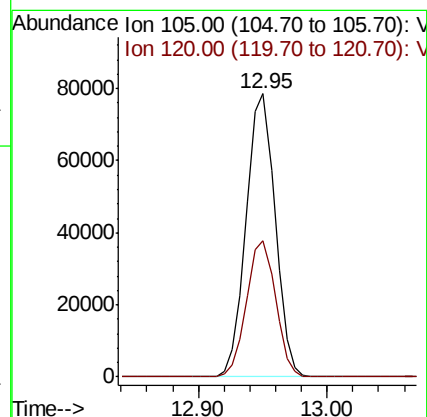
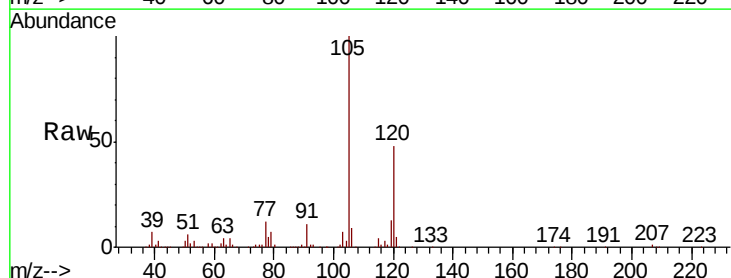
Acq: 21 Nov 2018 15:15

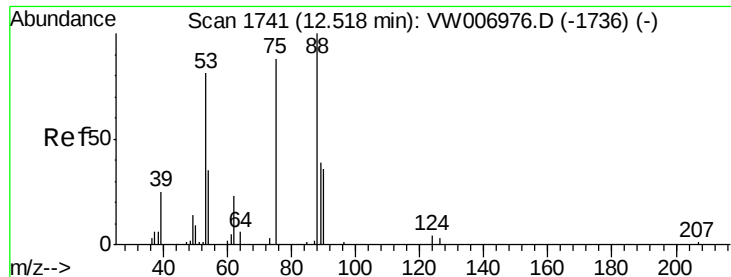
Tgt Ion:105 Resp: 122270

Ion Ratio Lower Upper

105 100

120 48.2 23.8 71.2





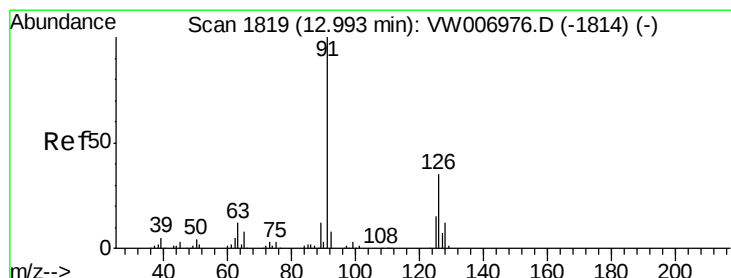
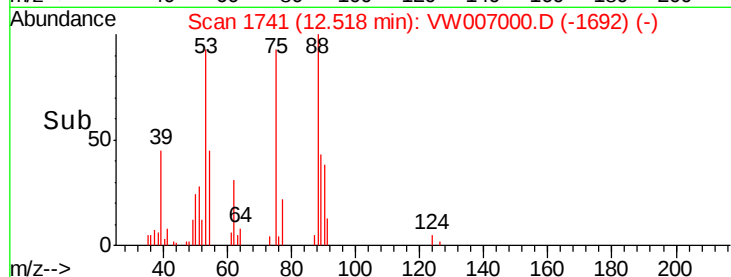
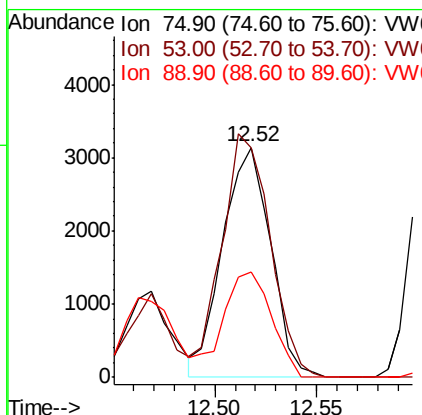
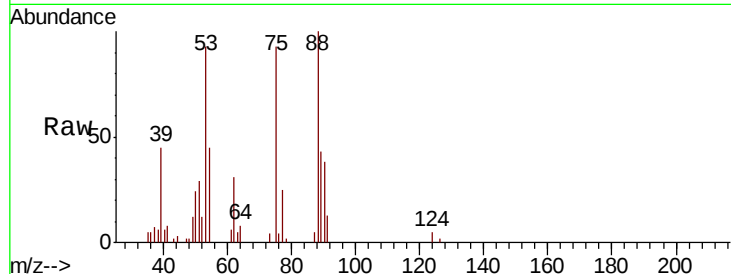
#81
trans-1,4-Dichloro-2-butene
Concen: 19.445 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.9	77.6	116.4
89	46.6	39.3	58.9

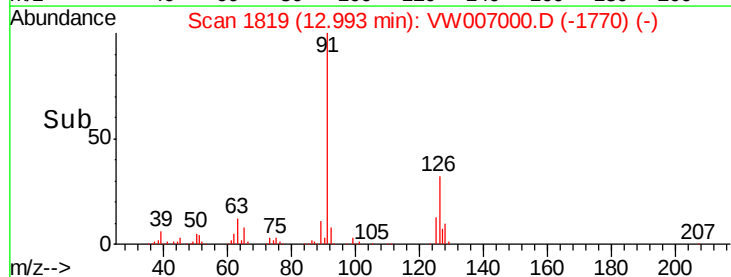
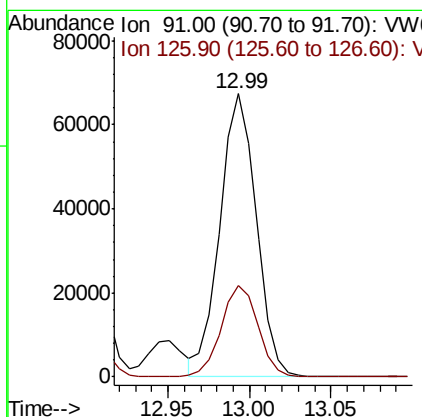
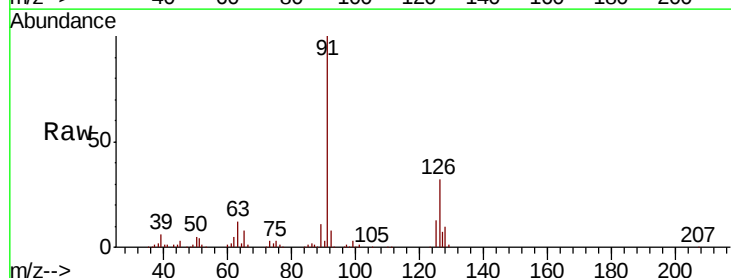
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#82
4-Chlorotoluene
Concen: 21.760 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.6	49.7





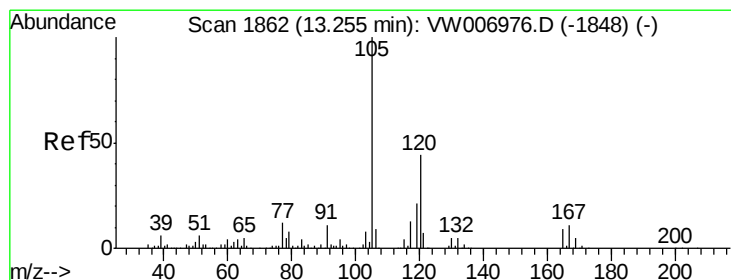
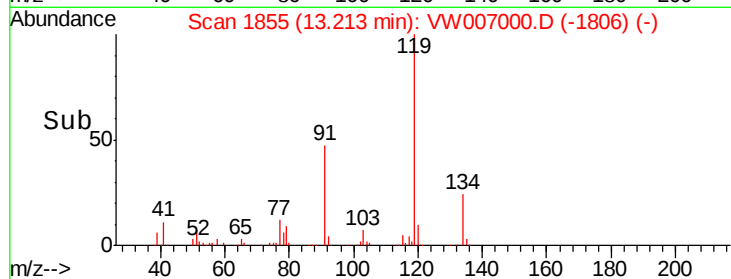
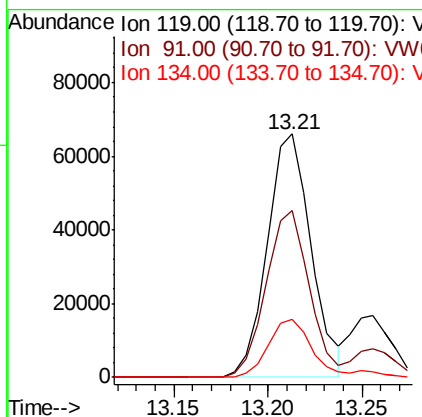
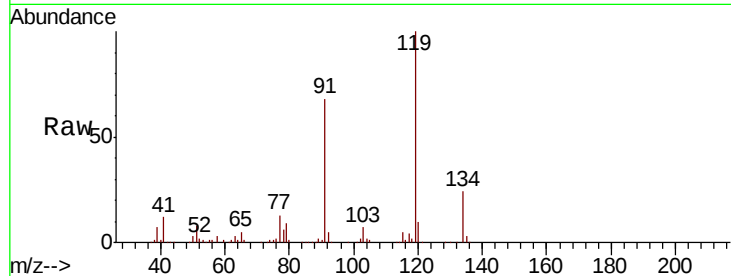
#83
tert-Butylbenzene
Concen: 21.782 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	106892		
91	67.3		33.5	100.5
134	23.6		12.6	37.8

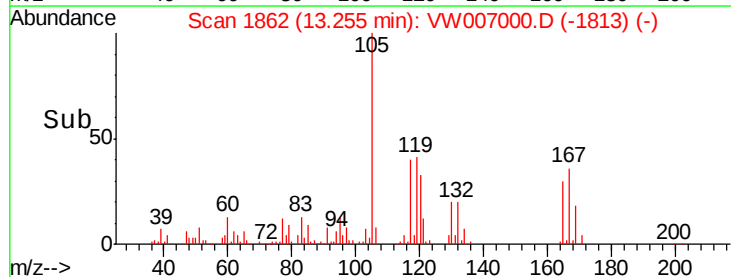
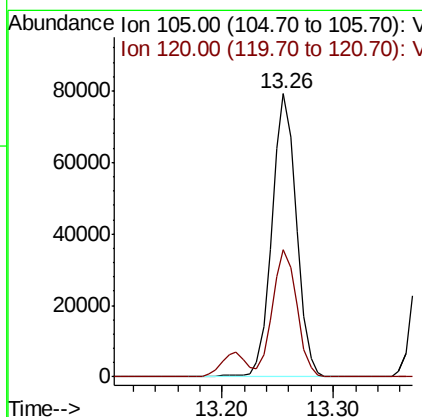
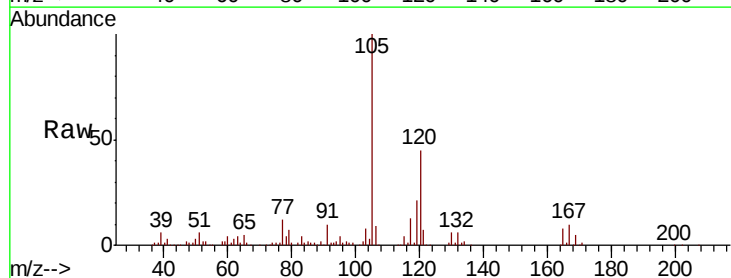
Manual Integrations
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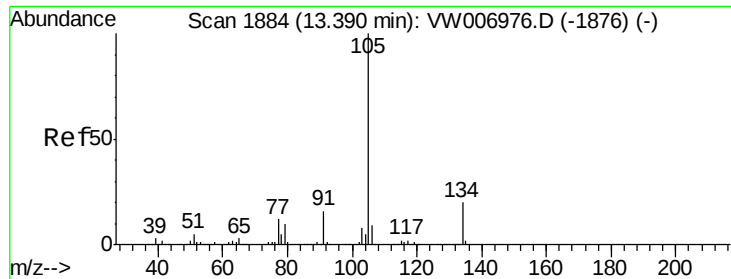
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#84
1,2,4-Trimethylbenzene
Concen: 21.452 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	121142		
120	44.6		21.8	65.3





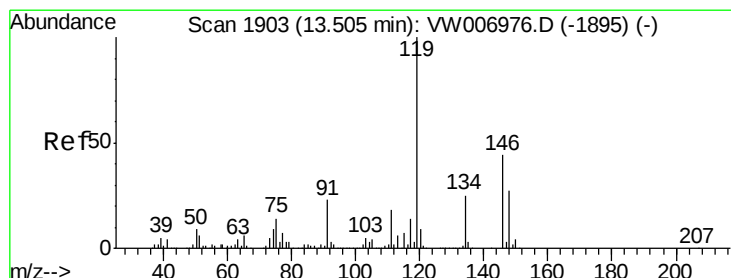
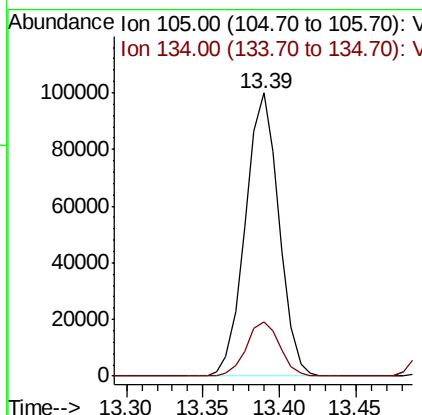
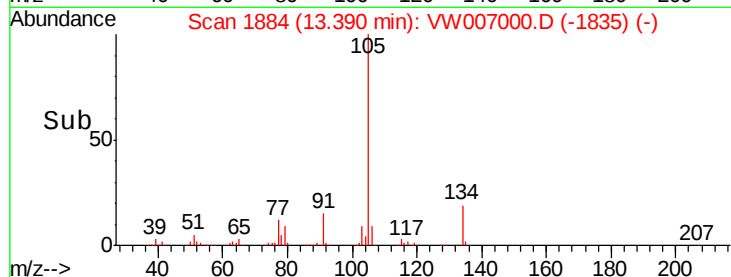
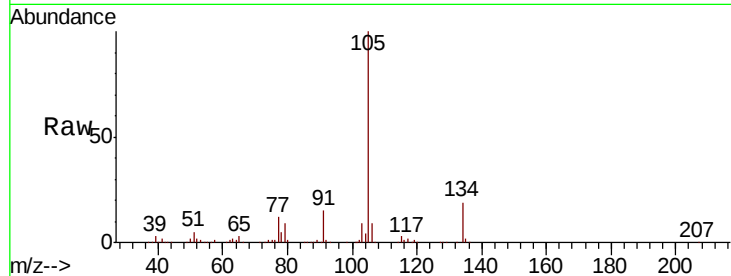
#85
 sec-Butylbenzene
 Concen: 21.940 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.3

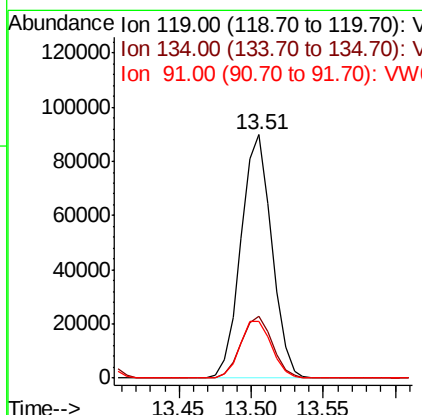
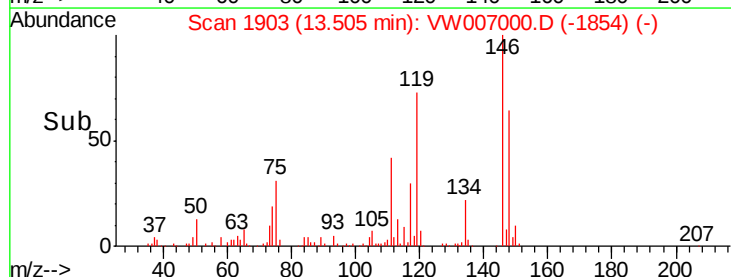
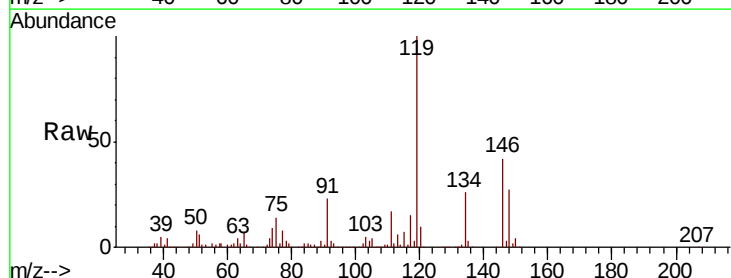
Manual Integrations
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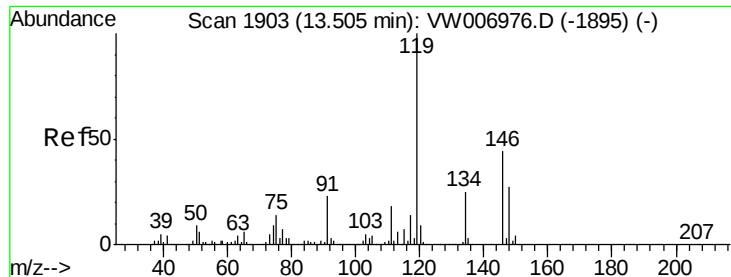
MMDadoda
 11/26/2018 1:04:49 PM



#86
 p-Isopropyltoluene
 Concen: 21.772 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.3
91	24.2	12.2	36.6





#87

1,3-Dichlorobenzene

Concen: 21.596 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

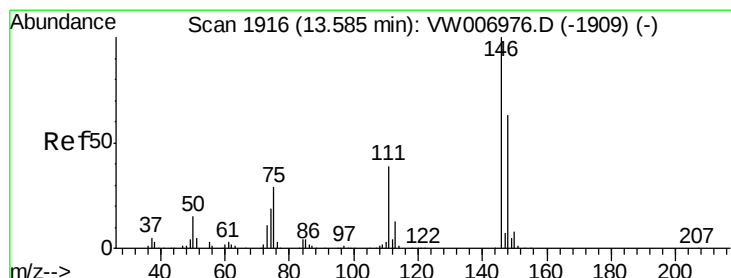
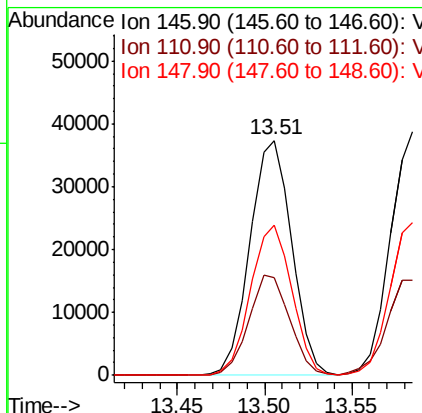
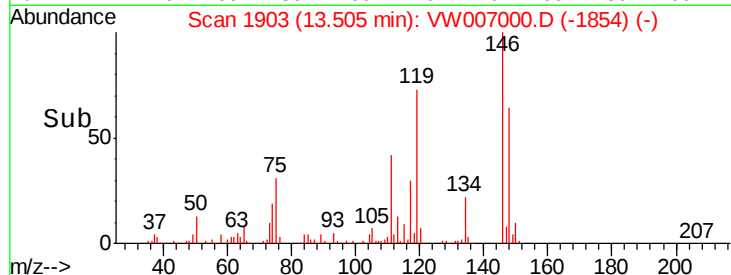
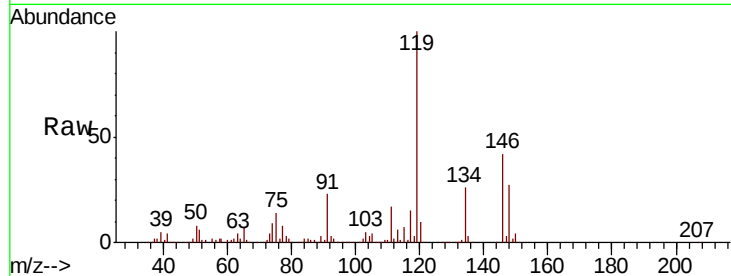
ClientSampleId :

VW1122SBS01

Tot Ion:	146	Resp:	62070
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.1	63.3
148	63.0	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.315 ug/l

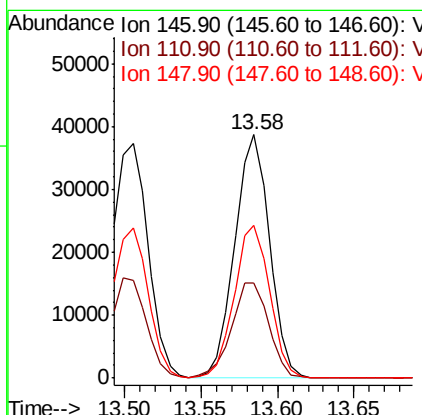
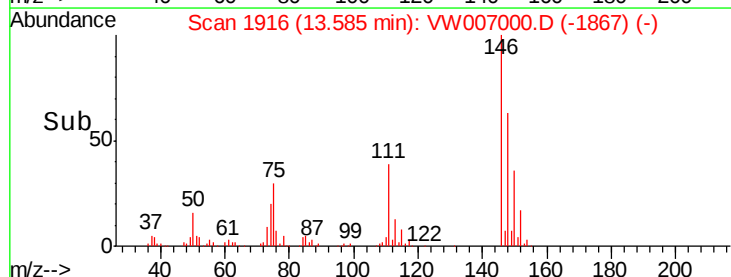
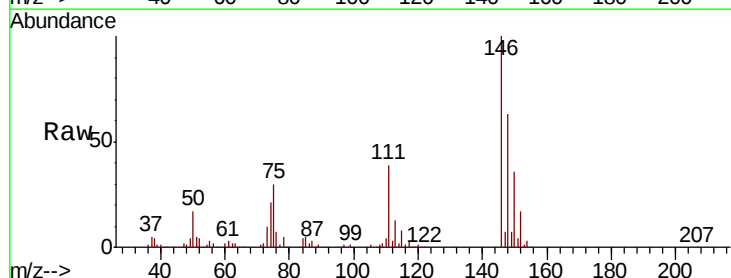
RT: 13.58 min Scan# 1916

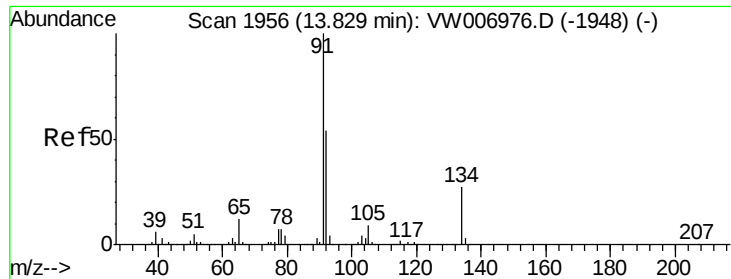
Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion:	146	Resp:	61081
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.6	61.8
148	64.0	32.3	96.8





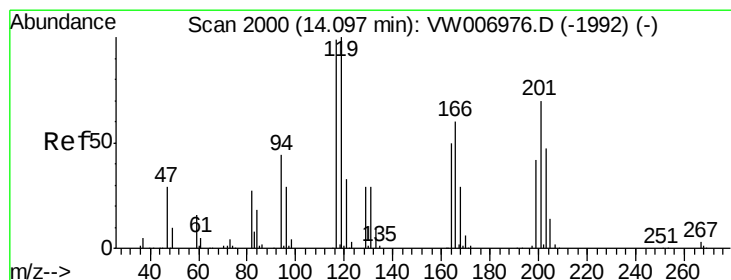
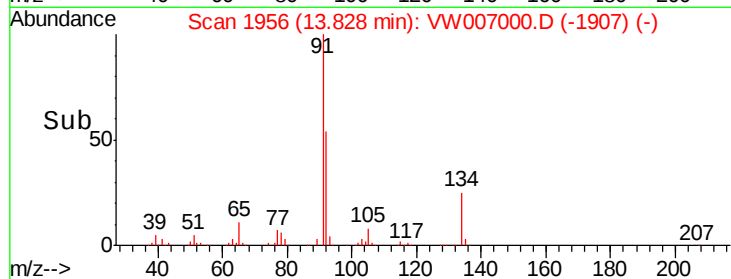
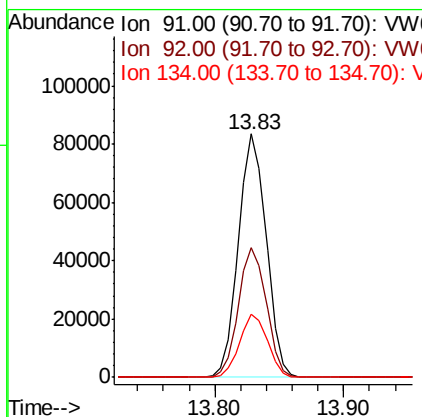
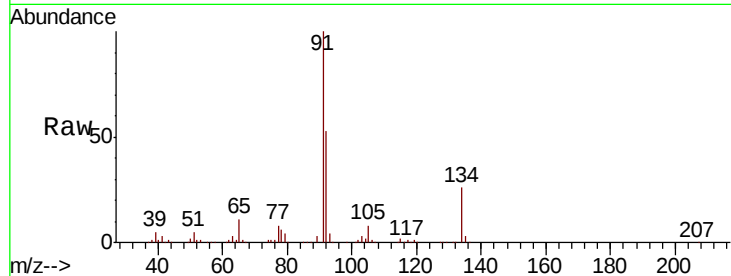
#89
n-Butylbenzene
Concen: 21.737 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	125111		
92	53.4	26.8	80.4	
134	26.1	13.3	39.8	

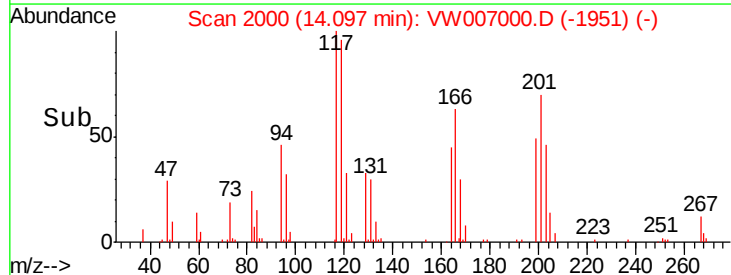
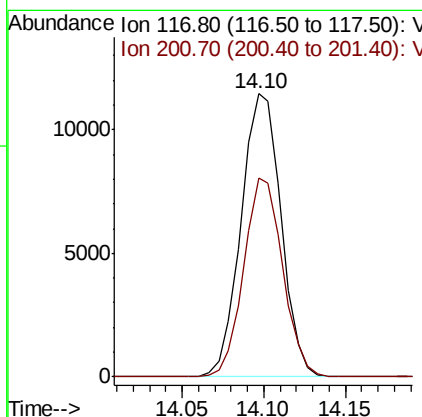
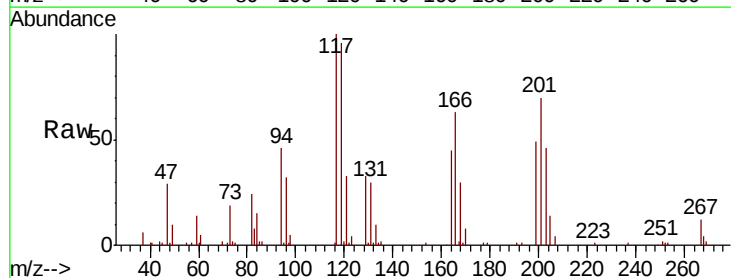
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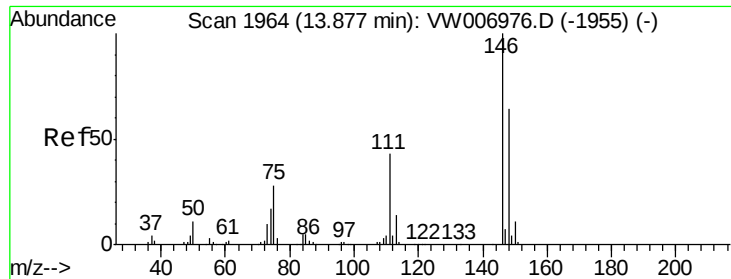
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#90
Hexachloroethane
Concen: 21.824 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19487		
201	68.6	35.9	107.5	





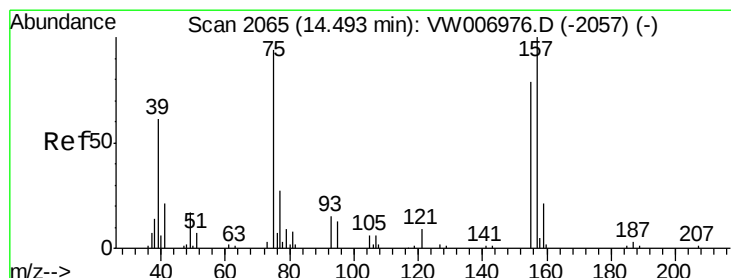
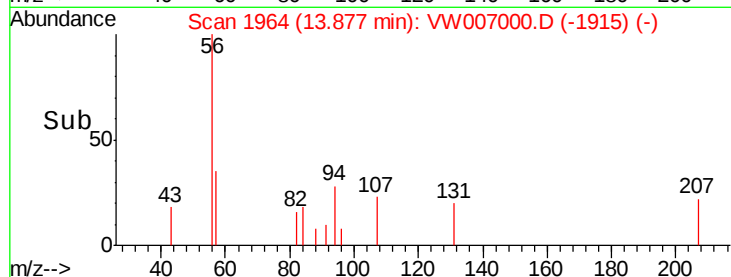
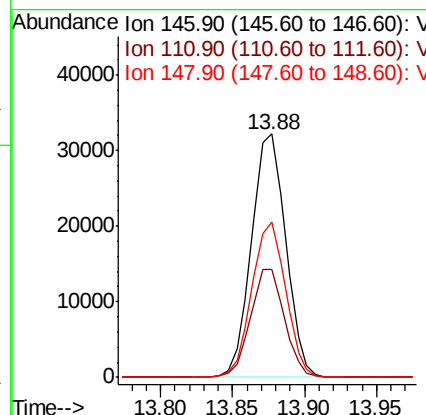
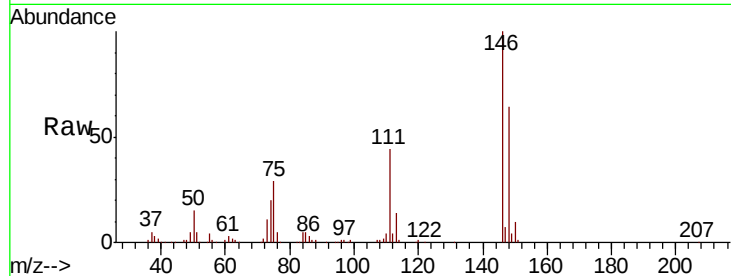
#91
 1,2-Dichlorobenzene
 Concen: 21.007 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.7
148	63.1	32.2	96.6

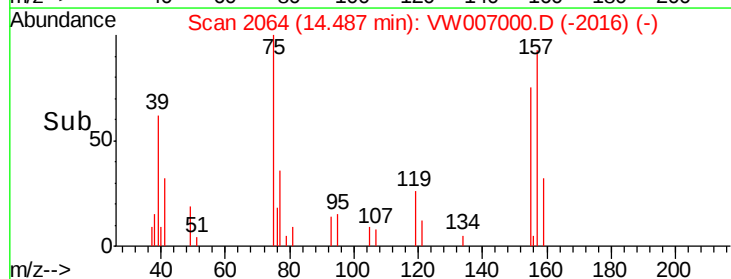
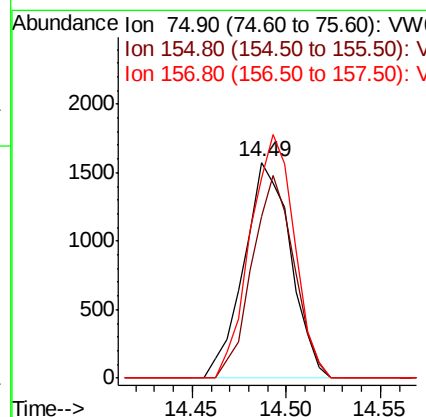
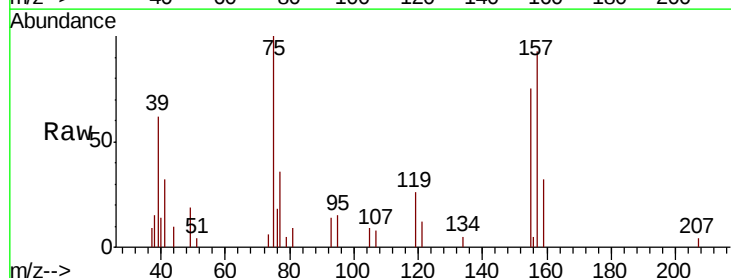
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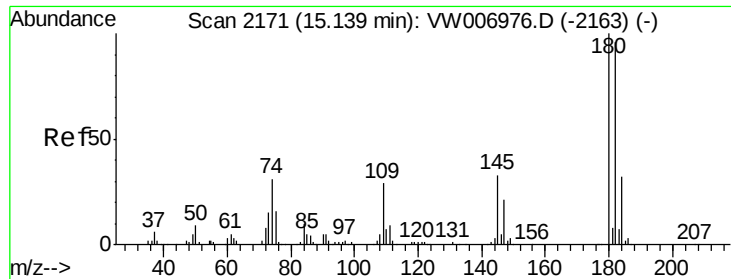
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.395 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	42.6	127.8
157	106.5	55.0	165.0





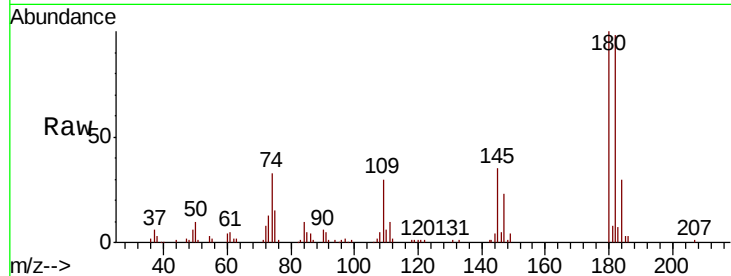
#93
 1,2,4-Trichlorobenzene
 Concen: 19.640 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.1	141.3	
145	34.3	16.5	49.5	

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:49 PM

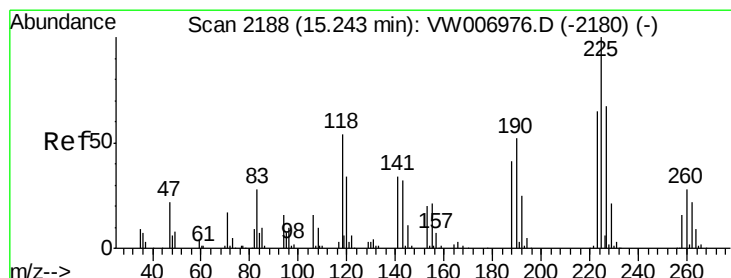
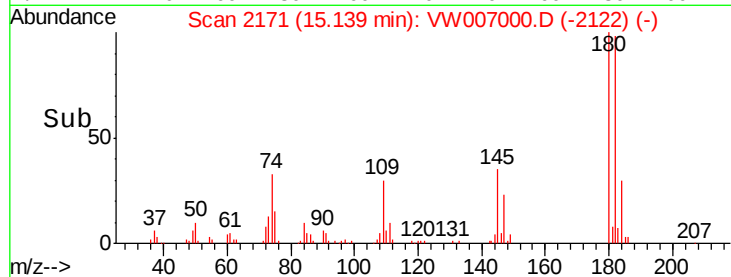
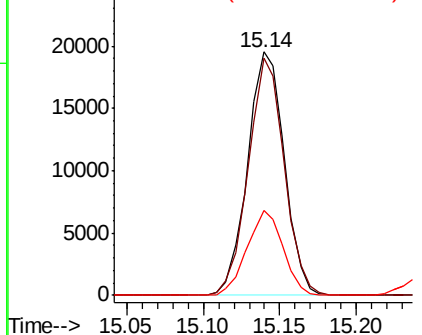


Abundance

Ion 179.80 (179.50 to 180.50): V

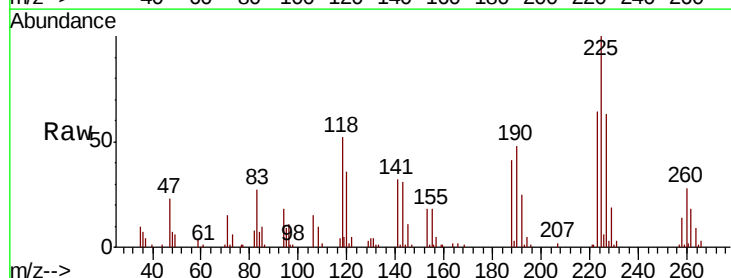
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.991 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	32.4	97.0	
227	63.7	31.9	95.5	

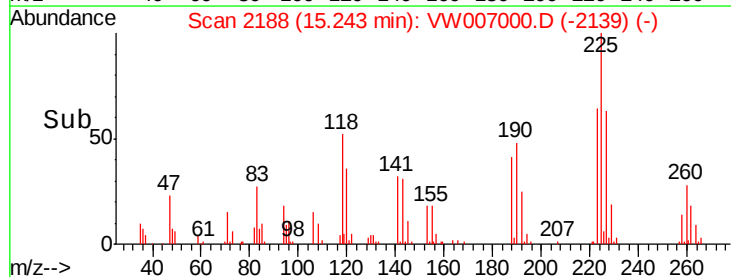
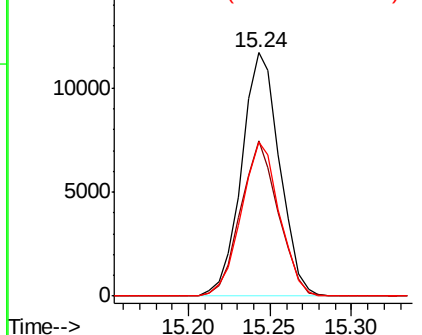


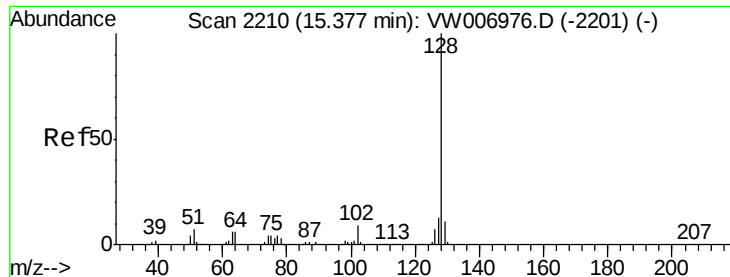
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.099 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

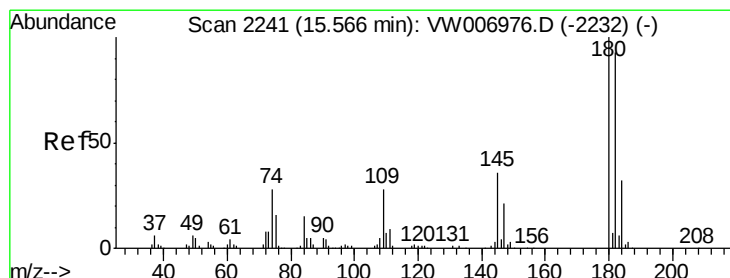
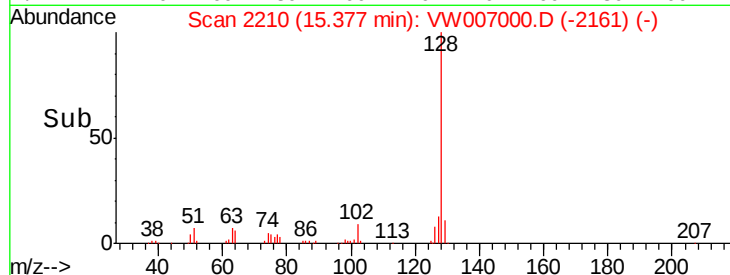
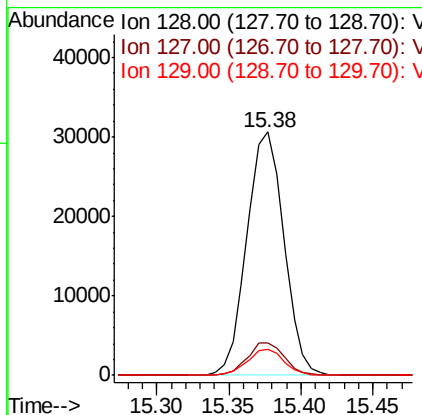
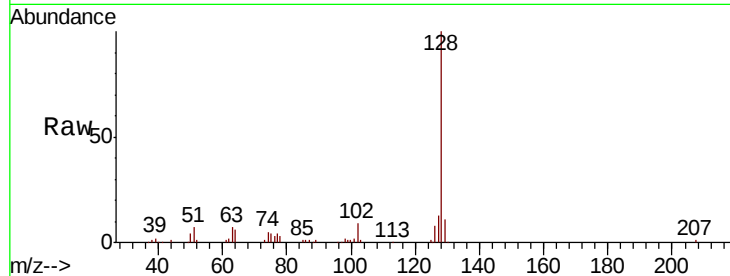
ClientSampleId :

VW1122SBS01

Tot Ion:	128	Resp:	54558
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.727 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion:	180	Resp:	27179
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.0	141.2
145	35.8	18.0	54.0

