

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007840.D
 Acq On : 22 Dec 2018 13:36
 Operator : SY/AP
 Sample : J6386-13MS
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 11:01:28 AM

Quant Time: Dec 24 01:38:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	83666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27687	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	39327	55.36	ug/l	0.00
Spiked Amount			Recovery	=	110.72%	
35) Dibromofluoromethane	7.88	113	35046	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
50) Toluene-d8	10.32	98	118996	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
62) 4-Bromofluorobenzene	12.62	95	36699	37.28	ug/l	0.00
Spiked Amount			Recovery	=	74.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	28956	50.252	ug/l	99
3) Chloromethane	2.22	50	24836	70.192	ug/l	96
4) Vinyl Chloride	2.37	62	32217	71.528	ug/l	97
5) Bromomethane	2.79	94	21523	68.607	ug/l	88
6) Chloroethane	2.93	64	18144	75.297	ug/l	96
7) Trichlorofluoromethane	3.26	101	22812	48.648	ug/l	96
8) Diethyl Ether	3.68	74	18805	65.473	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29288	42.409	ug/l	98
10) Methyl Iodide	4.27	142	59689	54.349	ug/l	94
11) Tert butyl alcohol	5.17	59	13630	284.411	ug/l	99
12) 1,1-Dichloroethene	4.03	96	33687	52.677	ug/l	97
13) Acrolein	3.89	56	5505	143.667	ug/l	99
14) Allyl chloride	4.67	41	53548	63.853	ug/l	91
15) Acrylonitrile	5.37	53	38159	311.457	ug/l	98
16) Acetone	4.12	43	75920	570.683	ug/l	95
17) Carbon Disulfide	4.37	76	97707	49.373	ug/l	99
18) Methyl Acetate	4.67	43	58014	183.366	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	63464	69.127	ug/l	95
20) Methylene Chloride	4.91	84	38327	58.707	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	37034	52.656	ug/l	92
22) Diisopropyl ether	6.31	45	104001	66.231	ug/l	96
23) Vinyl Acetate	6.26	43	51402	55.096	ug/l	98
24) 1,1-Dichloroethane	6.21	63	65544	56.739	ug/l	99
25) 2-Butanone	7.17	43	46299	297.129	ug/l	93
26) 2,2-Dichloropropane	7.17	77	45547	53.881	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	41737	55.700	ug/l	98
28) Bromochloromethane	7.51	49	25067	63.644	ug/l	92
29) Tetrahydrofuran	7.53	42	30416	327.248	ug/l	97
30) Chloroform	7.68	83	69594	53.234	ug/l	98
31) Cyclohexane	7.95	56	39790	37.625	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	57519	48.309	ug/l	99
36) 1,1-Dichloropropene	8.08	75	47989	44.878	ug/l	99
37) Ethyl Acetate	7.26	43	12765	34.590	ug/l	98
38) Carbon Tetrachloride	8.07	117	47200	37.480	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33678	25.345	ug/l	95
40) Benzene	8.32	78	148680	52.104	ug/l	99
41) Methacrylonitrile	7.49	41	14589	69.629	ug/l #	83
42) 1,2-Dichloroethane	8.40	62	48466	50.683	ug/l	98
43) Isopropyl Acetate	8.43	43	31031	41.970	ug/l	96
44) Trichloroethene	9.09	130	37463	43.413	ug/l	99
45) 1,2-Dichloropropane	9.37	63	35141	55.501	ug/l	99
46) Dibromomethane	9.46	93	19595	50.275	ug/l	99
47) Bromodichloromethane	9.65	83	47979	46.825	ug/l	100
48) Methyl methacrylate	9.43	41	26129	70.800	ug/l	93
49) 1,4-Dioxane	9.45	88	6274	1015.304	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	99744	285.457	ug/l	100
52) Toluene	10.39	92	121751	63.594	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	50578	49.626	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	57266	50.869	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28725	53.460	ug/l	93
56) Ethyl methacrylate	10.65	69	21775	34.300	ug/l	91
57) 1,3-Dichloropropane	10.93	76	47618	53.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	88347	304.801	ug/l	99
59) 2-Hexanone	10.97	43	65681	267.283	ug/l	98
60) Dibromochloromethane	11.13	129	30665	43.103	ug/l	100
61) 1,2-Dibromoethane	11.24	107	27664	50.842	ug/l	100
64) Tetrachloroethene	10.86	164	23512	39.685	ug/l	98
65) Chlorobenzene	11.66	112	87634	48.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	32011	49.471	ug/l	98
67) Ethyl Benzene	11.73	91	147028	47.314	ug/l	97
68) m/p-Xylenes	11.84	106	120385	99.868	ug/l	100
69) o-Xylene	12.17	106	56133	49.678	ug/l	95
70) Styrene	12.18	104	86939	46.807	ug/l	100
71) Bromoform	12.35	173	15533	46.243	ug/l #	99
73) Isopropylbenzene	12.47	105	120401	57.530	ug/l	97
74) N-amyl acetate	12.27	43	14842	40.942	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	27430	87.416	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	22683m	105.998	ug/l	
77) Bromobenzene	12.75	156	31694	66.081	ug/l	93
78) n-propylbenzene	12.81	91	122272	50.190	ug/l	99
79) 2-Chlorotoluene	12.90	91	79038	55.692	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	90098	49.910	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	9015	88.428	ug/l	95
82) 4-Chlorotoluene	12.99	91	84176	55.705	ug/l	99
83) tert-Butylbenzene	13.21	119	72782	45.950	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	92882	50.990	ug/l	100
85) sec-Butylbenzene	13.39	105	84156	38.551	ug/l	98
86) p-Isopropyltoluene	13.51	119	76477	38.528	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	45498	47.778	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	47751	50.129	ug/l	99
89) n-Butylbenzene	13.83	91	59270	32.566	ug/l	99
90) Hexachloroethane	14.10	117	10684	30.658	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	41542	48.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4727	73.355	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	14994	25.334	ug/l	98
94) Hexachlorobutadiene	15.24	225	5705	18.037	ug/l	98
95) Naphthalene	15.37	128	49825	45.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	11682	23.059	ug/l	99

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

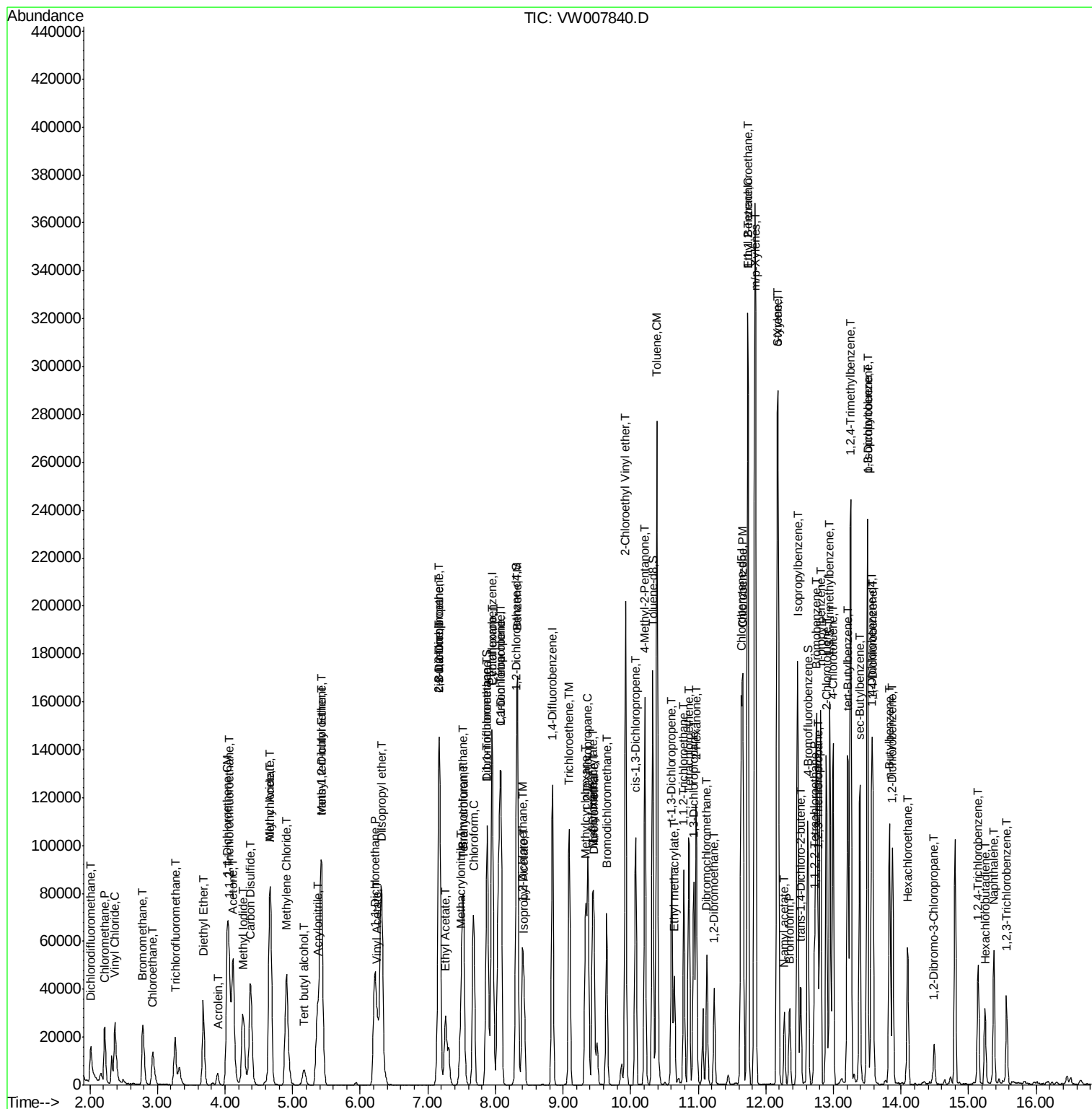
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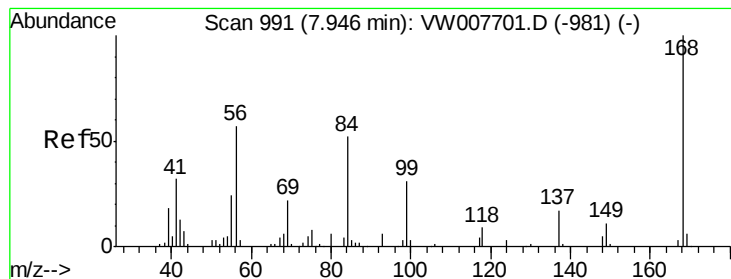
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:168 Resp: 64817

Ion Ratio Lower Upper

168 100

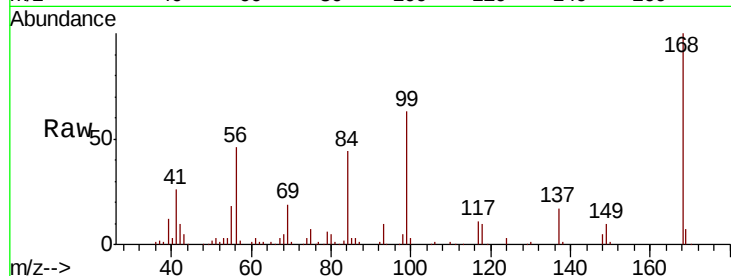
99 63.3 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

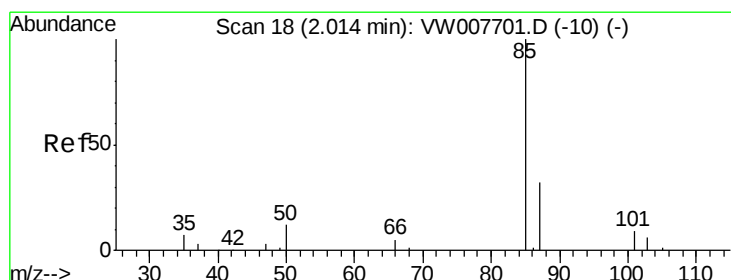
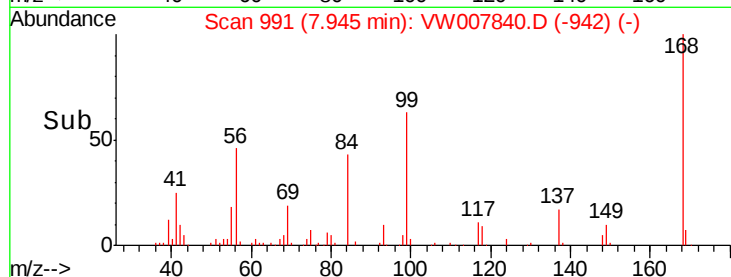
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 50.252 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007840.D

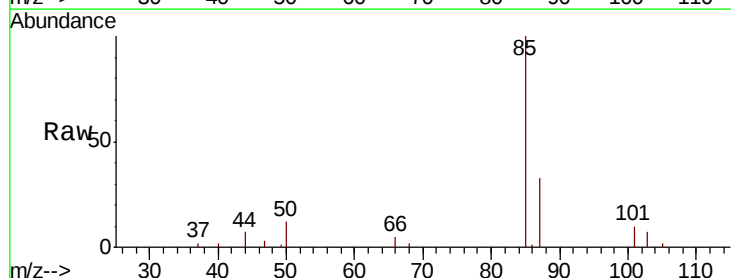
Acq: 22 Dec 2018 13:36

Tgt Ion: 85 Resp: 28956

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

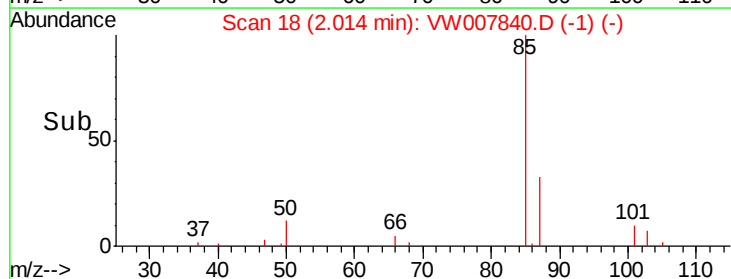
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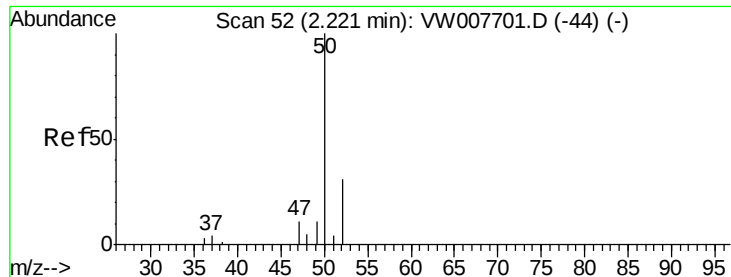
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0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 70.192 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion: 50 Resp: 24836

Ion Ratio Lower Upper

50 100

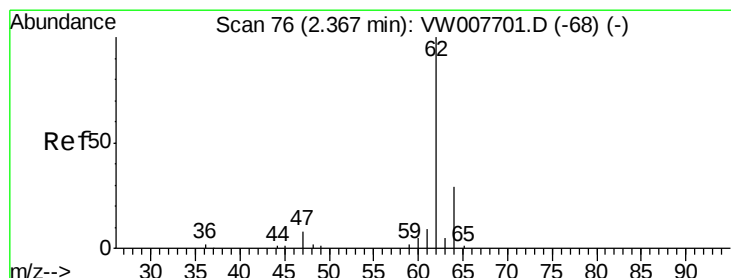
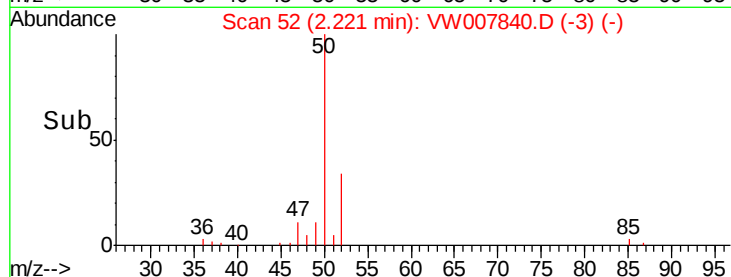
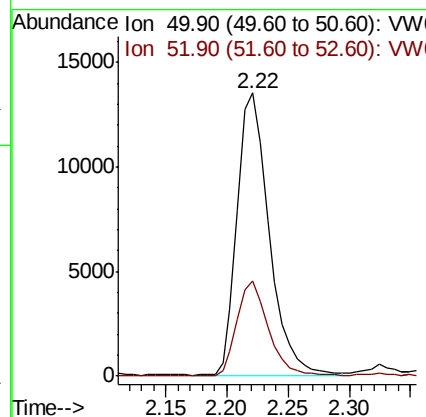
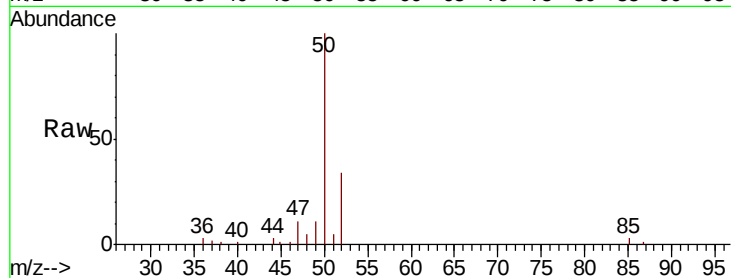
52 33.7 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 71.528 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007840.D

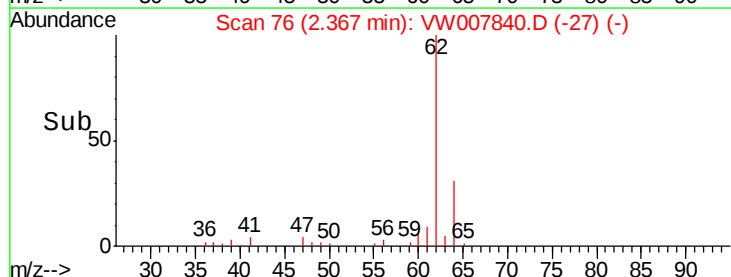
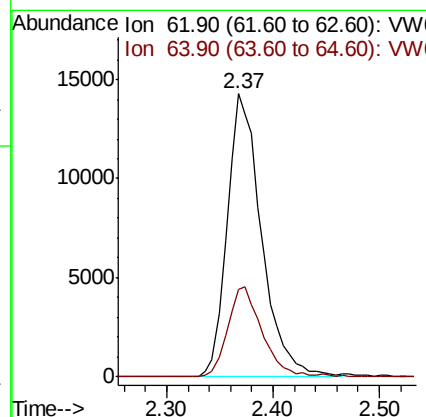
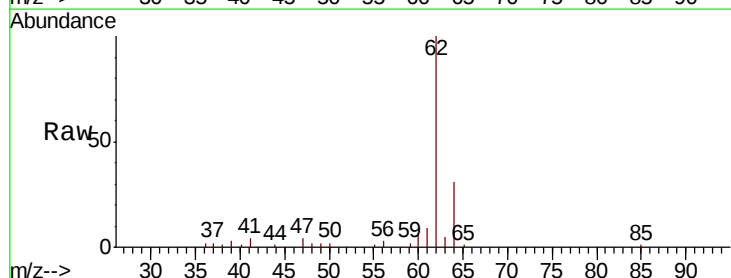
Acq: 22 Dec 2018 13:36

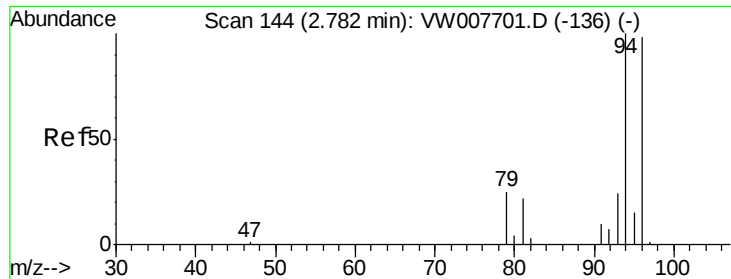
Tgt Ion: 62 Resp: 32217

Ion Ratio Lower Upper

62 100

64 30.8 23.4 35.0





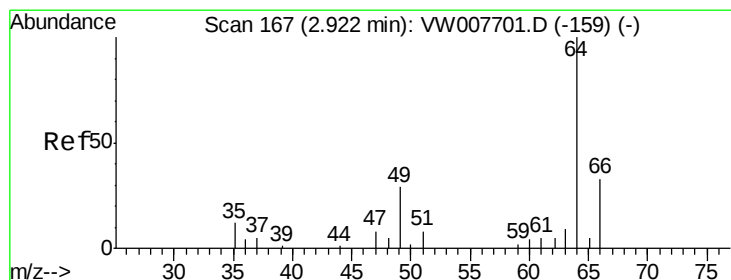
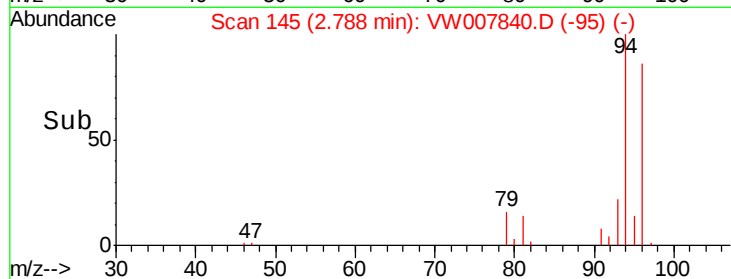
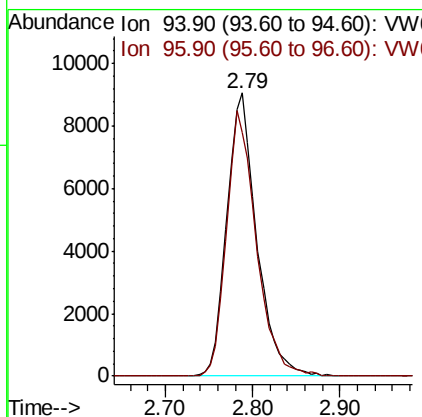
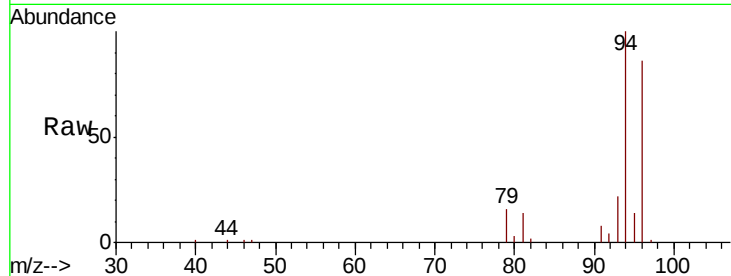
#5
Bromomethane
Concen: 68.607 ug/l
RT: 2.79 min Scan# 145
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion: 94 Resp: 21523
Ion Ratio Lower Upper
94 100
96 86.0 78.2 117.2

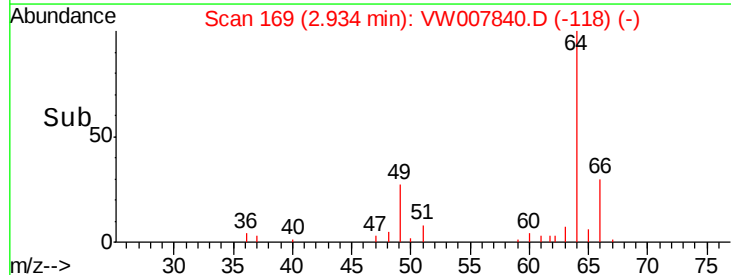
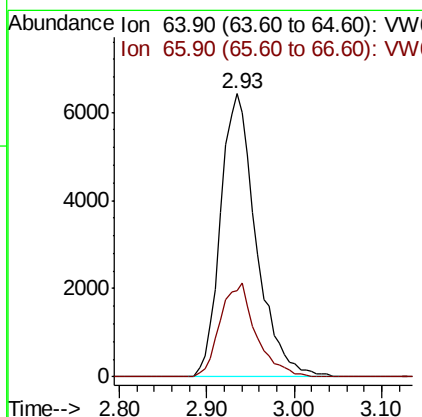
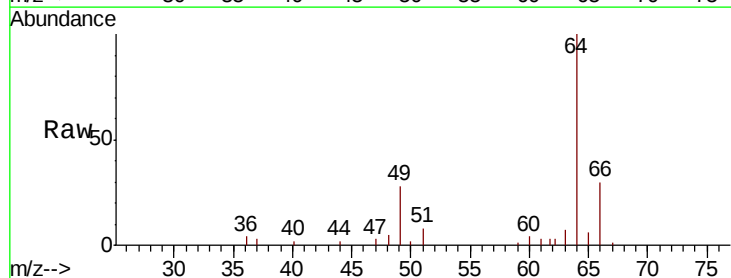
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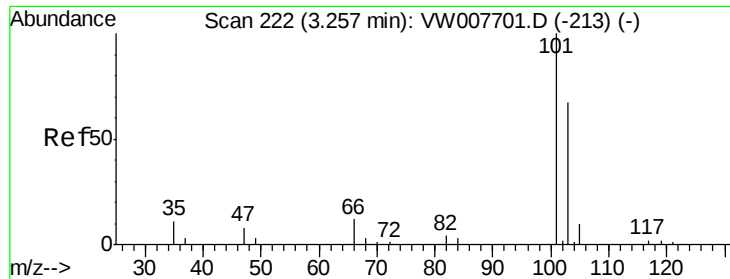
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#6
Chloroethane
Concen: 75.297 ug/l
RT: 2.93 min Scan# 169
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 64 Resp: 18144
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.4





#7

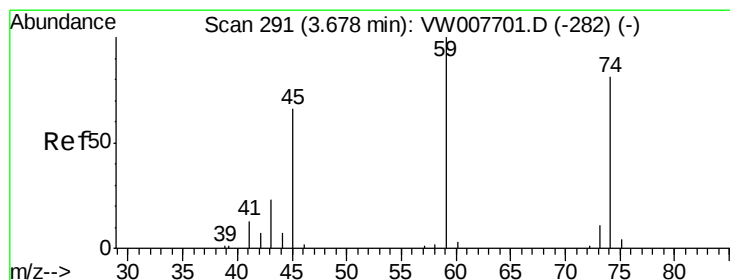
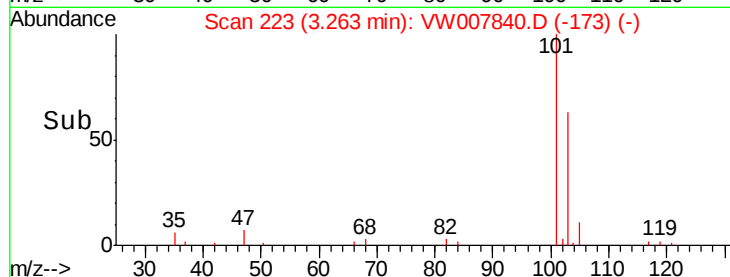
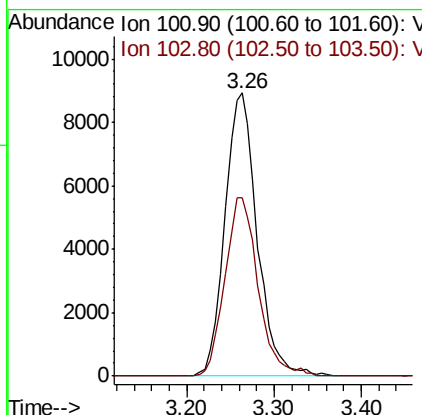
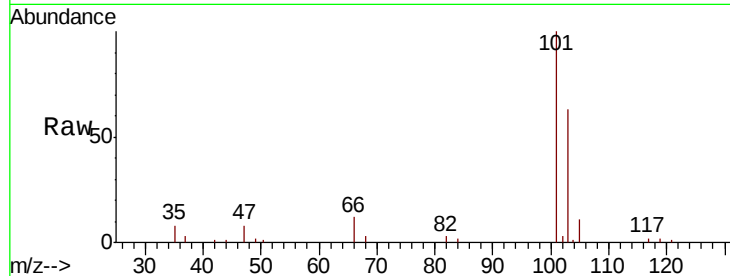
Trichlorofluoromethane
Concen: 48.648 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	53.4	80.2

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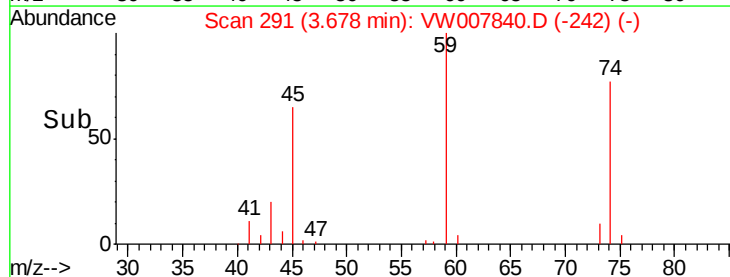
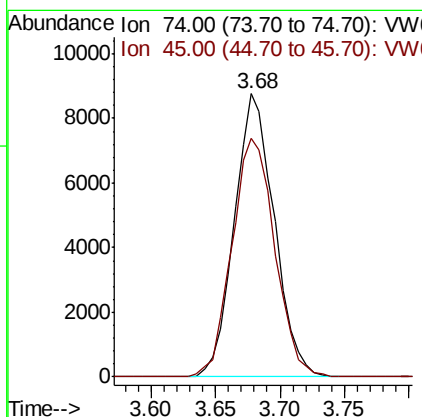
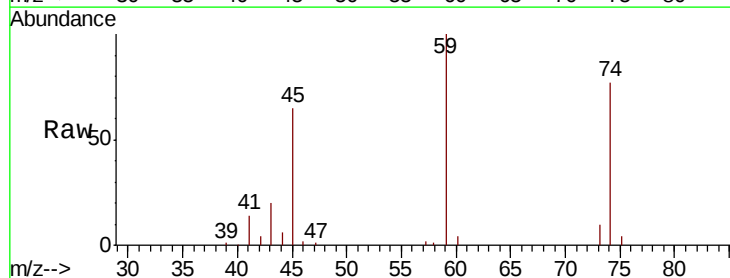
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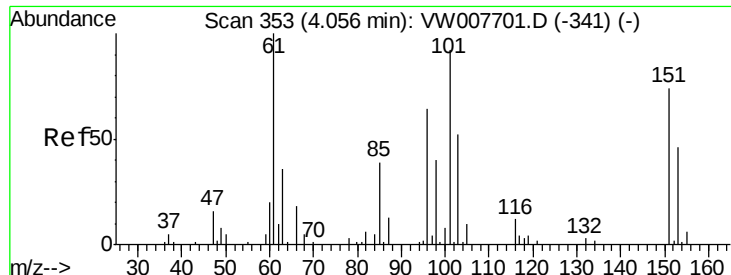


#8

Diethyl Ether
Concen: 65.473 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	39.4	118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.409 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

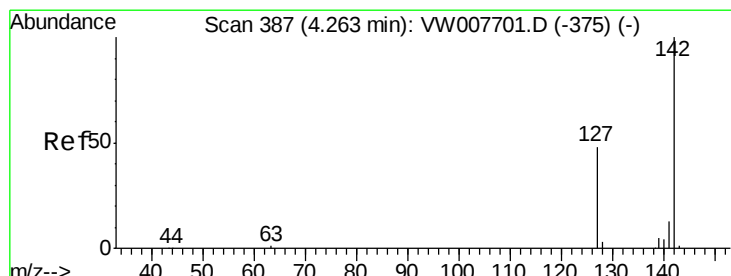
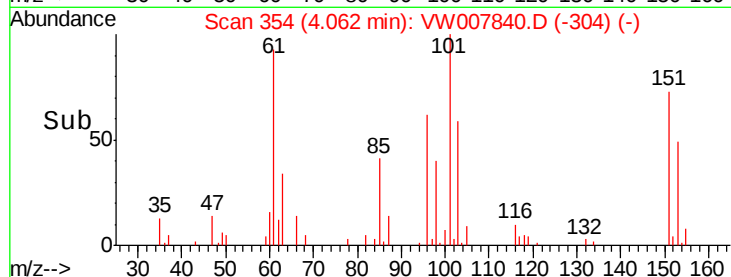
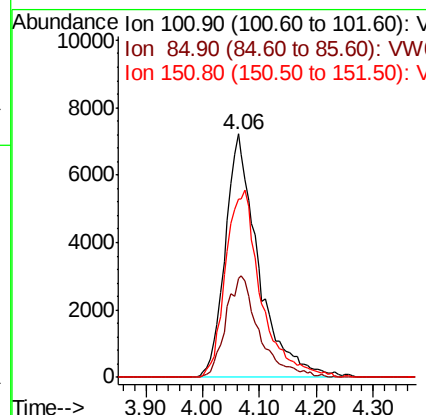
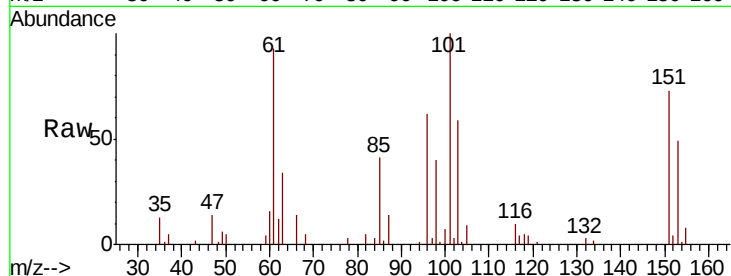
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	101	Resp:	29288
Ion Ratio	Lower	Upper	
101	100		
85	41.0	34.3	51.5
151	81.6	64.6	96.8

Manual Integrations
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#10

Methyl Iodide

Concen: 54.349 ug/l

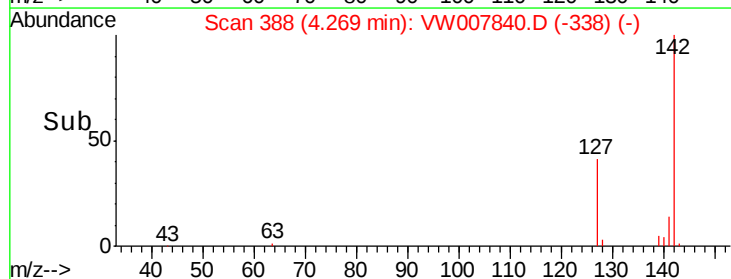
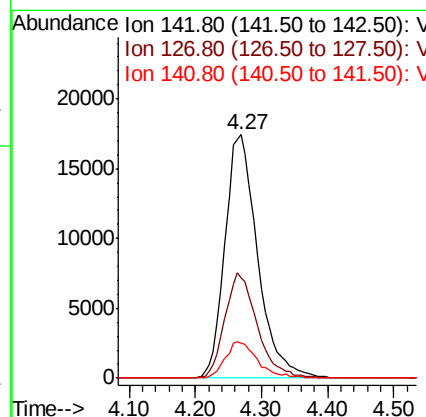
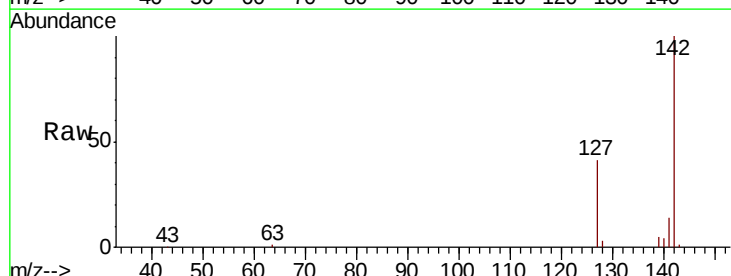
RT: 4.27 min Scan# 388

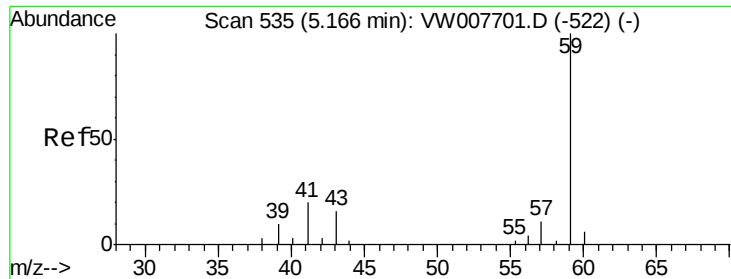
Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Tgt Ion:	142	Resp:	59689
Ion Ratio	Lower	Upper	
142	100		
127	42.4	37.7	56.5
141	14.7	11.5	17.3





#11

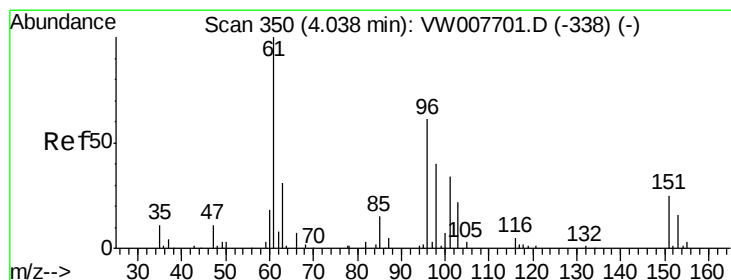
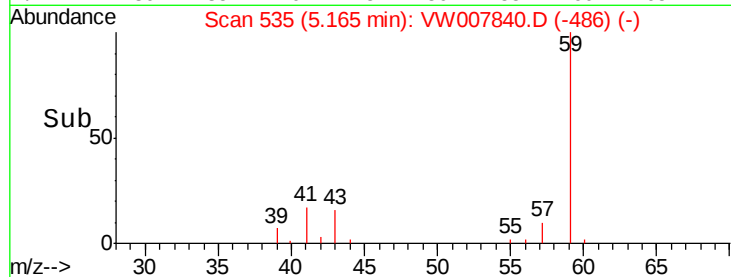
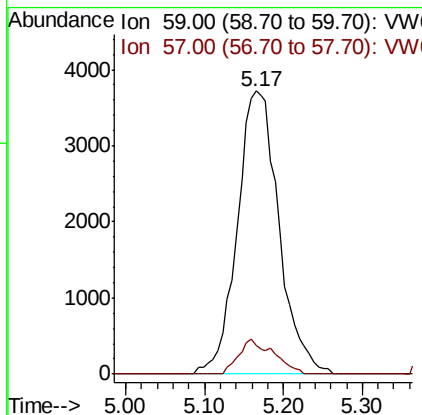
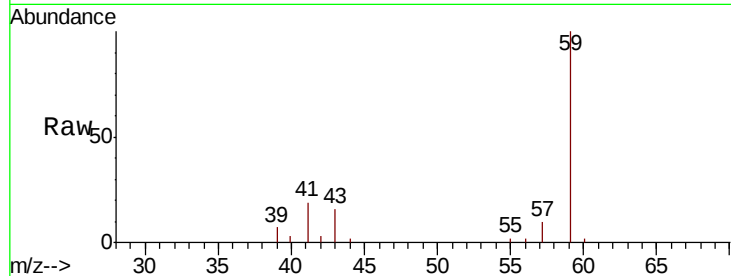
Tert butyl alcohol
 Concen: 284.411 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	59	57	Ratio	100	10.3	Resp	13630	Lower	Upper
59	100								
57		10.3						7.8	11.8

Manual Integrations
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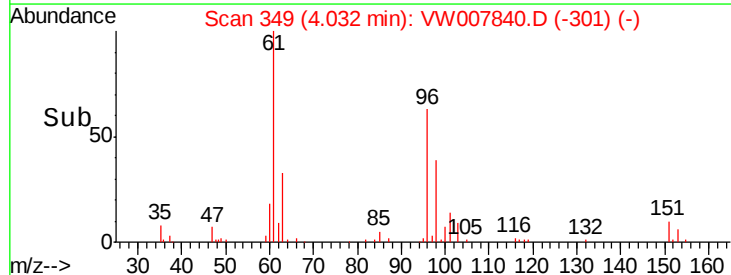
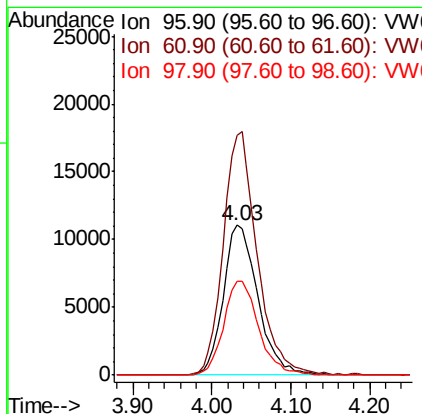
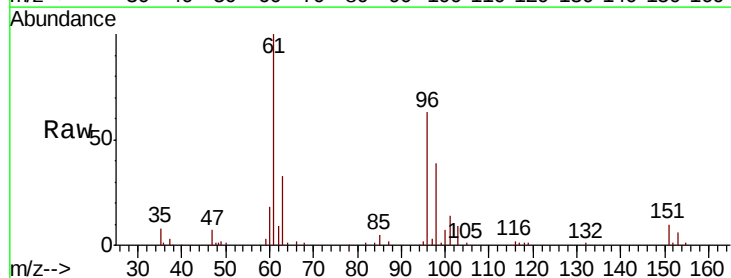
MMDadoda
 12/26/2018 11:01:28 AM

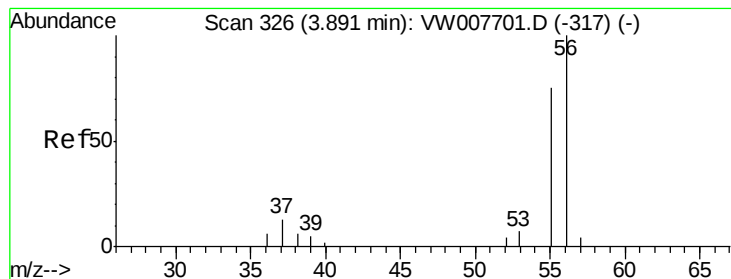


#12

1,1-Dichloroethene
 Concen: 52.677 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion	96	61	98	Ratio	100	159.9	62.2	Resp	33687	Lower	Upper
96	100										
61		159.9								130.6	195.8
98		62.2								52.3	78.5





#13

Acrolein

Concen: 143.667 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion: 56 Resp: 5505

Ion Ratio Lower Upper

56 100

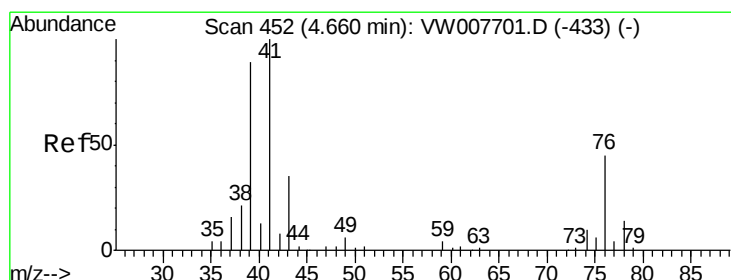
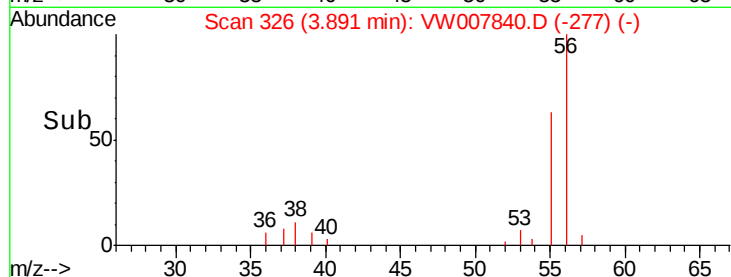
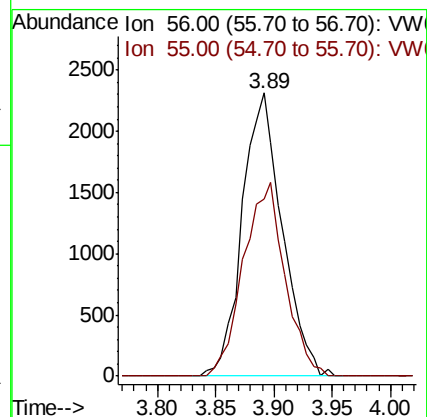
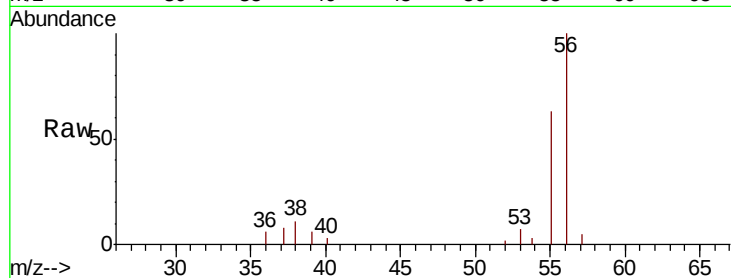
55 71.3 57.7 86.5

Manual Integrations

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#14

Allyl chloride

Concen: 63.853 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

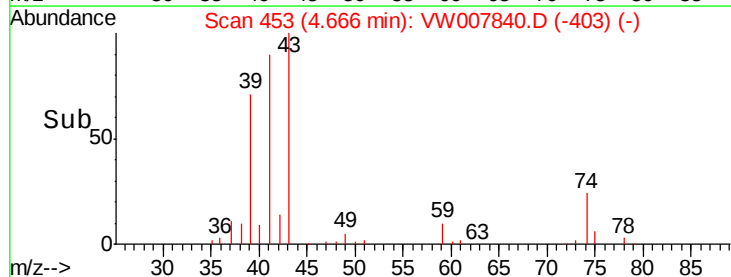
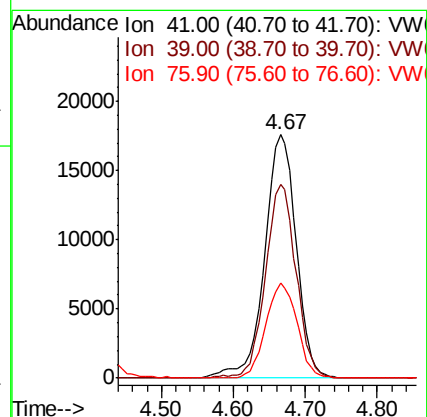
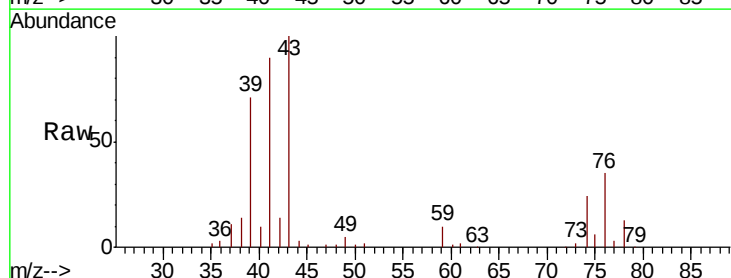
Tgt Ion: 41 Resp: 53548

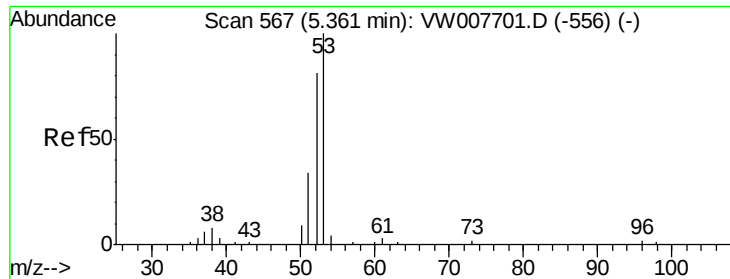
Ion Ratio Lower Upper

41 100

39 77.3 69.5 104.3

76 38.6 34.8 52.2





#15

Acrylonitrile

Concen: 311.457 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

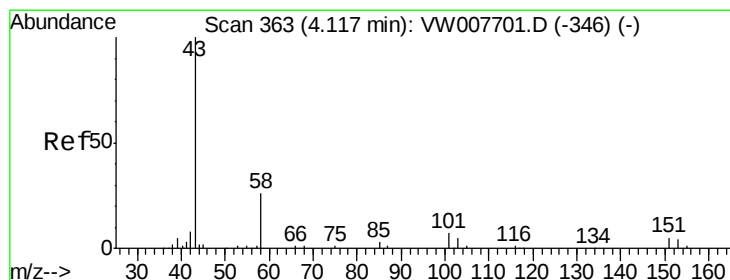
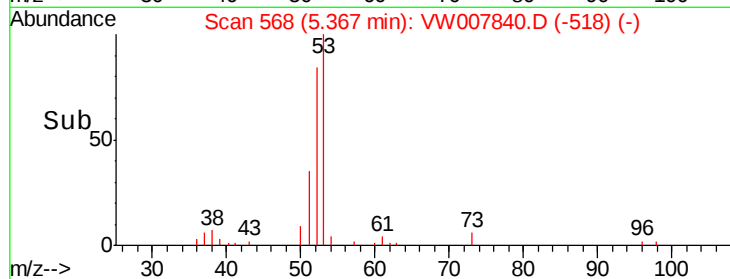
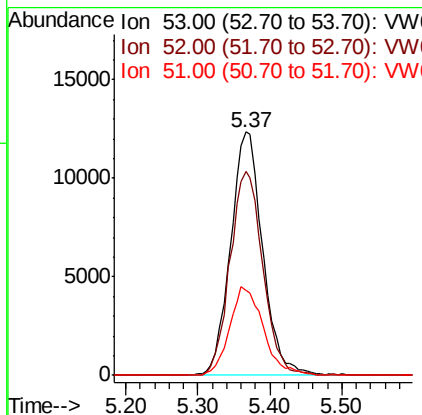
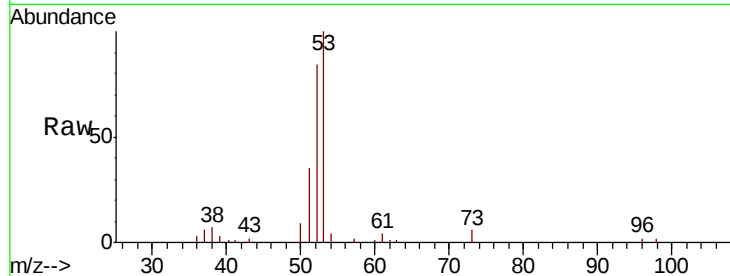
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	53	Resp:	38159
Ion	Ratio	Lower	Upper
53	100		
52	85.4	67.0	100.4
51	38.2	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 570.683 ug/l

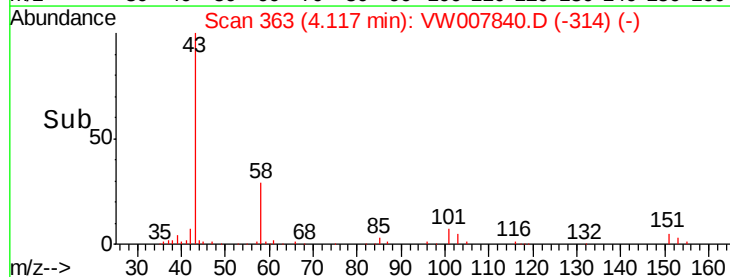
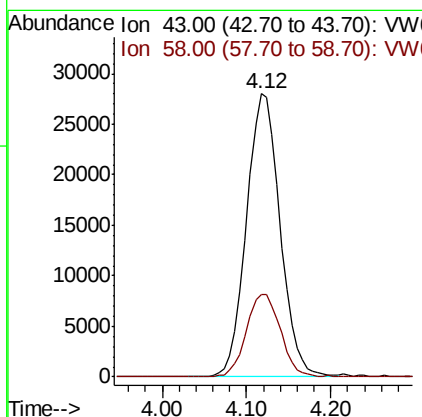
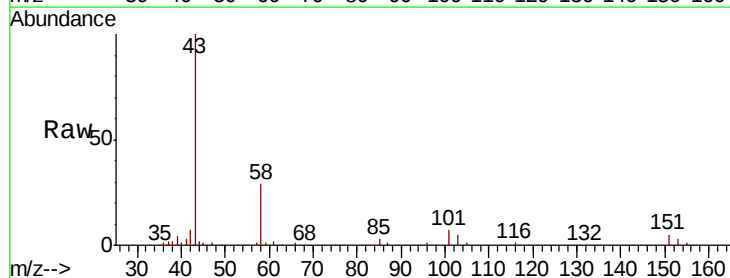
RT: 4.12 min Scan# 363

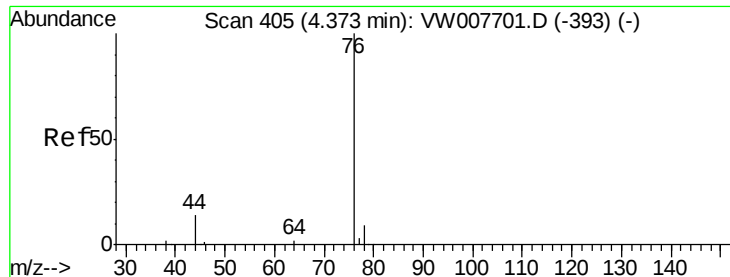
Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Tgt Ion:	43	Resp:	75920
Ion	Ratio	Lower	Upper
43	100		
58	28.9	21.2	31.8





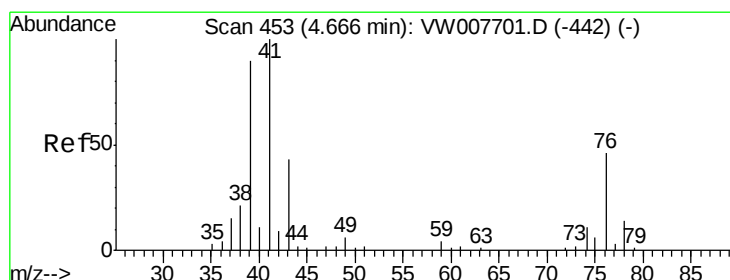
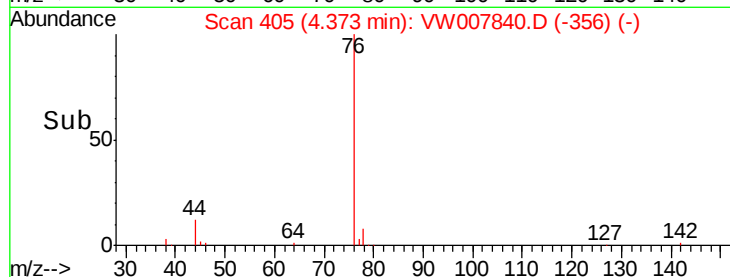
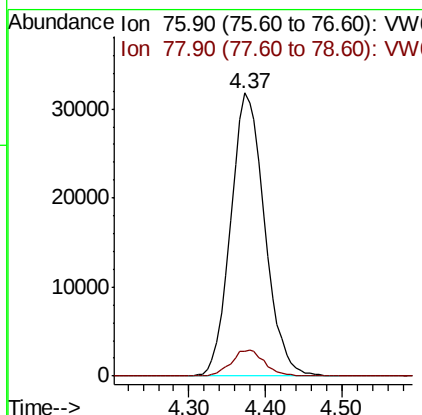
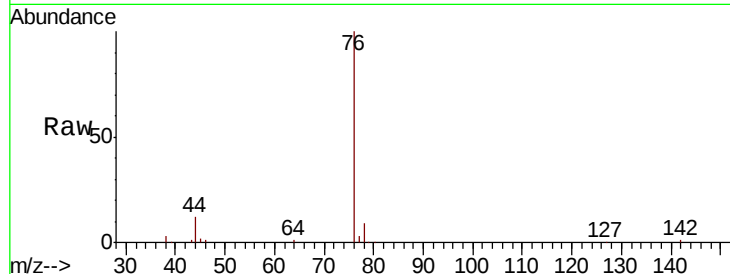
#17
Carbon Disulfide
Concen: 49.373 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

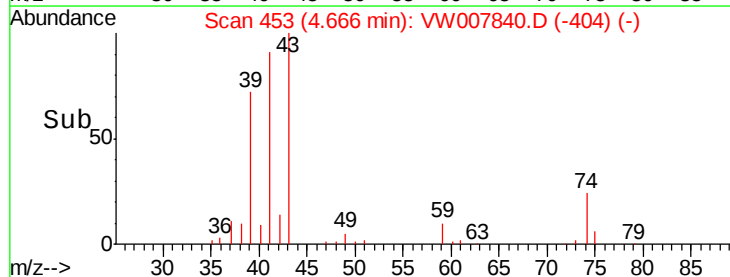
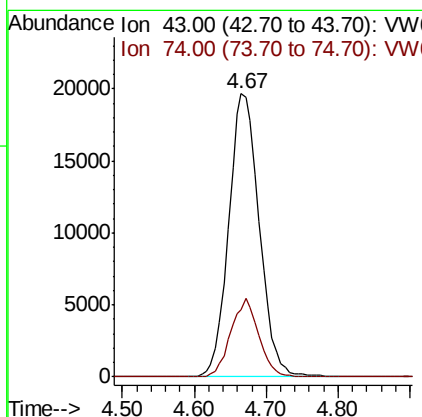
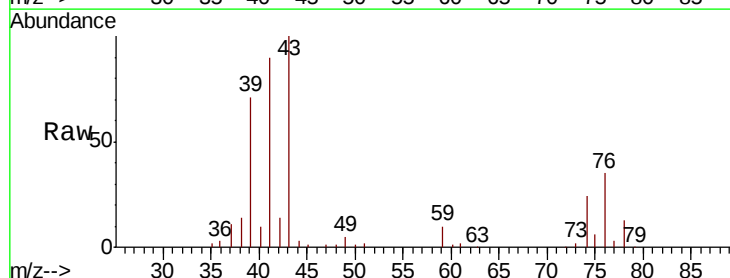
Manual Integrations
APPROVED

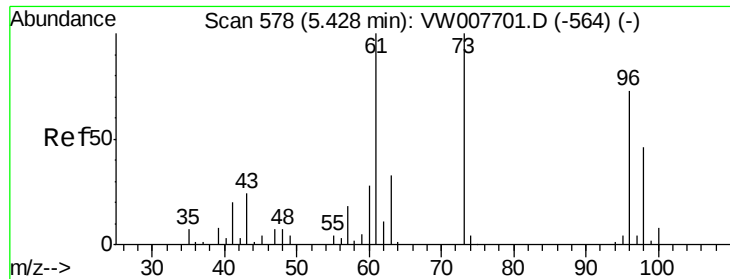
MMDadoda
12/26/2018 11:01:28 AM



#18
Methyl Acetate
Concen: 183.366 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	22.7	34.1





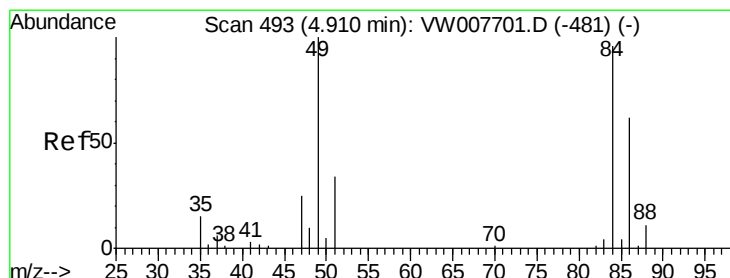
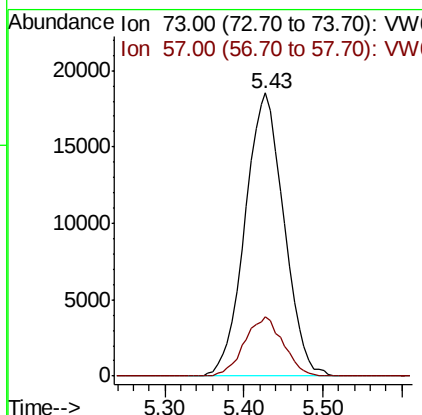
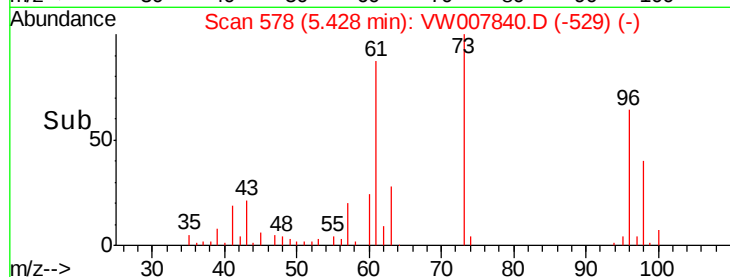
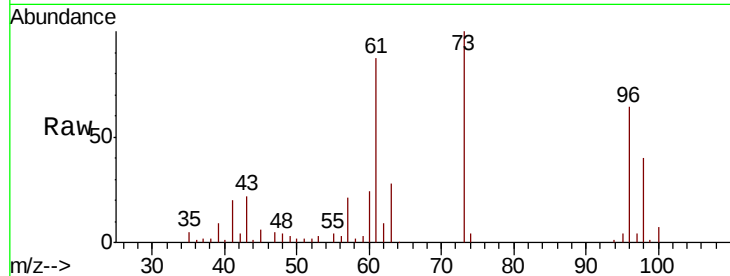
#19
Methvl tert-butvl Ether
Concen: 69.127 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion: 73 Resp: 63464
Ion Ratio Lower Upper
73 100
57 20.8 14.7 22.1

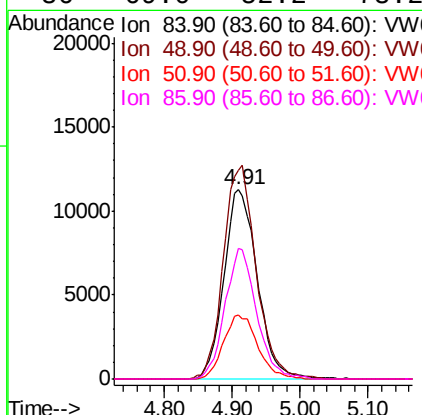
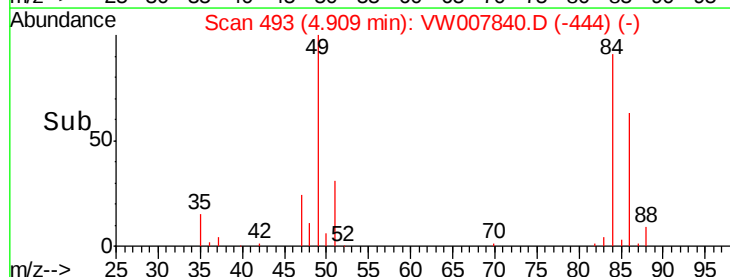
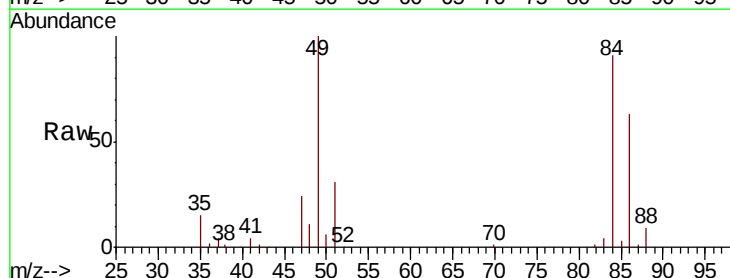
Manual Integrations
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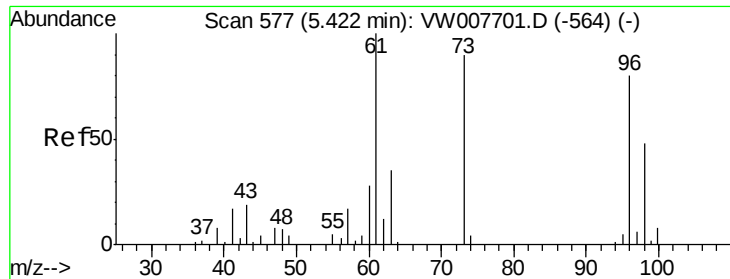
MMDadoda
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#20
Methylene Chloride
Concen: 58.707 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 84 Resp: 38327
Ion Ratio Lower Upper
84 100
49 110.1 83.7 125.5
51 33.9 28.2 42.2
86 69.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 52.656 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion: 96 Resp: 37034

Ion Ratio Lower Upper

96 100

61 134.4 100.1 150.1

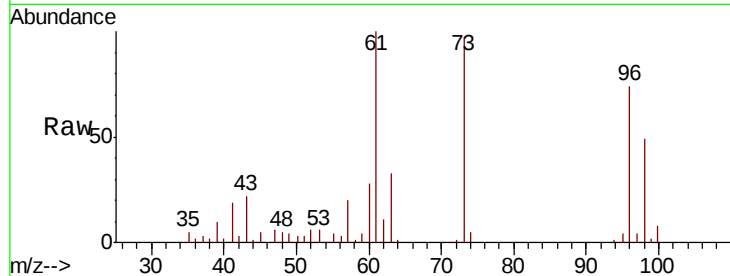
98 65.8 48.5 72.7

Manual Integrations

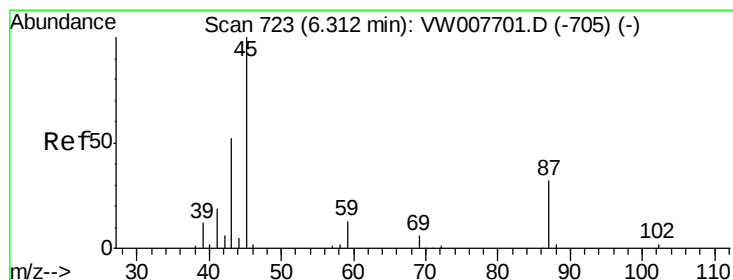
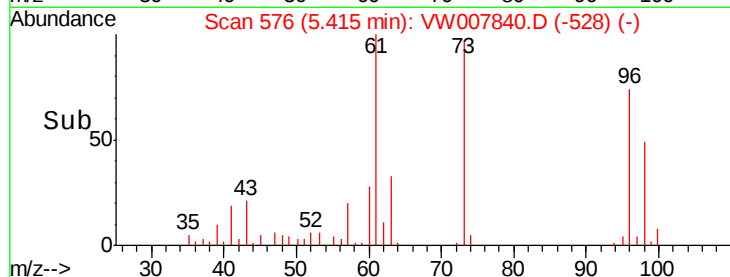
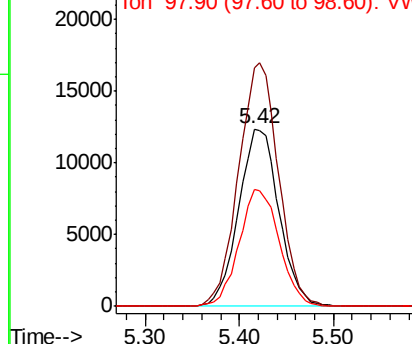
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 66.231 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Tgt Ion: 45 Resp: 104001

Ion Ratio Lower Upper

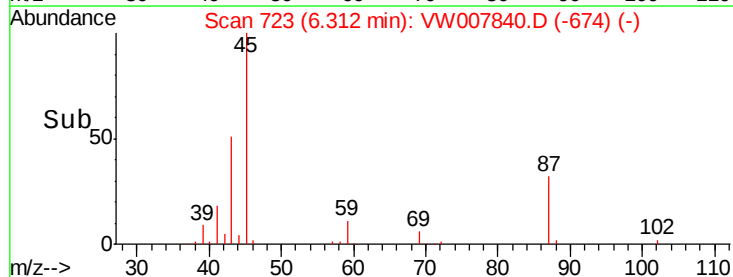
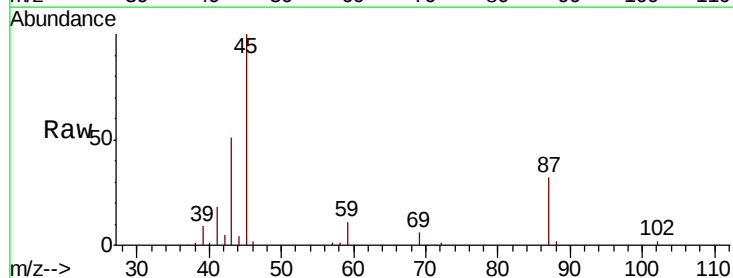
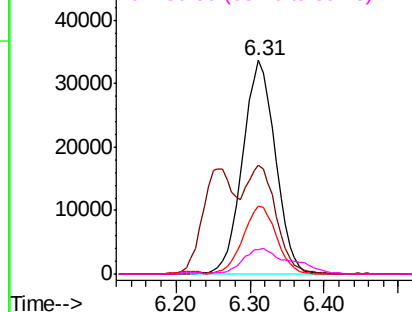
45 100

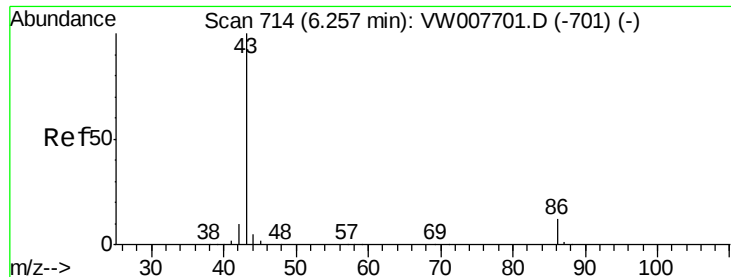
43 50.6 43.7 65.5

87 31.8 26.6 40.0

59 10.9 10.2 15.2

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





#23

Vinyl Acetate

Concen: 55.096 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion: 43 Resp: 51402

Ion Ratio Lower Upper

43 100

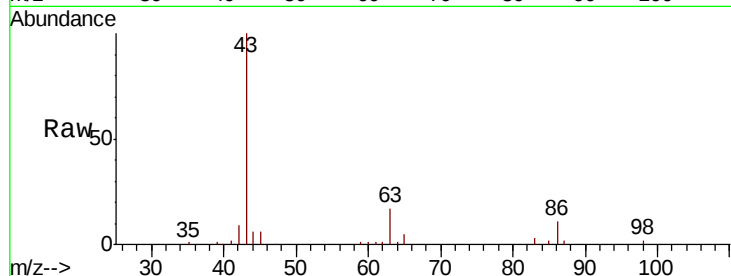
86 11.4 9.6 14.4

Manual Integrations

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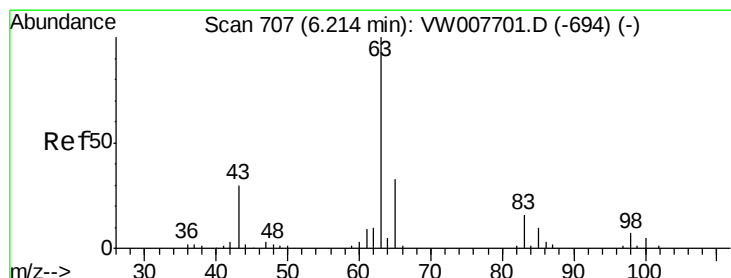
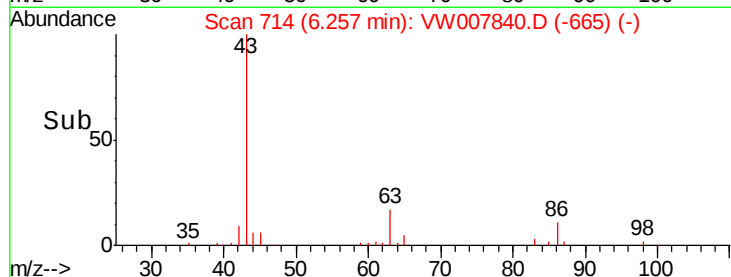
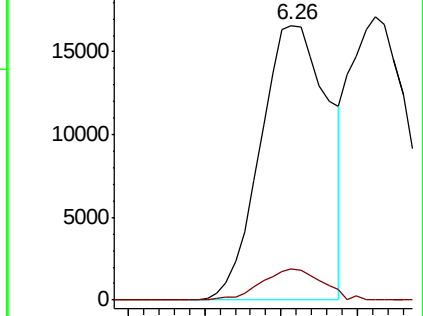
MMDadoda

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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: 56.739 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

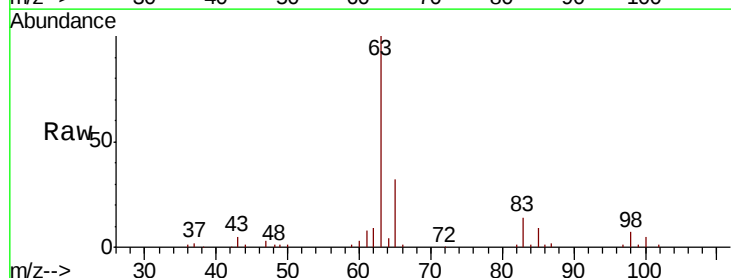
Tgt Ion: 63 Resp: 65544

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

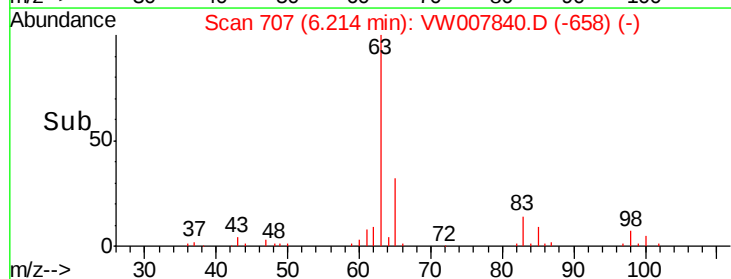
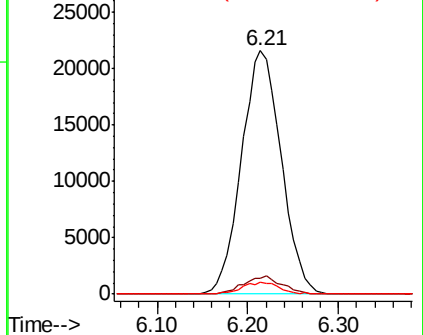
100 5.0 2.5 7.5

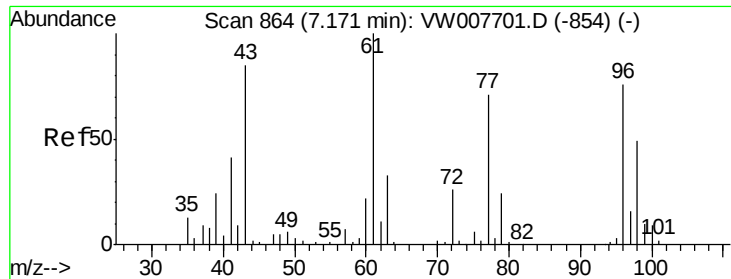


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





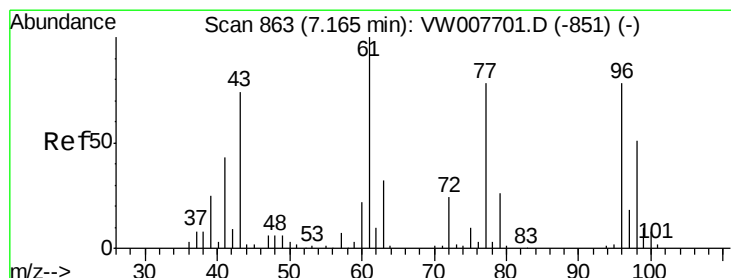
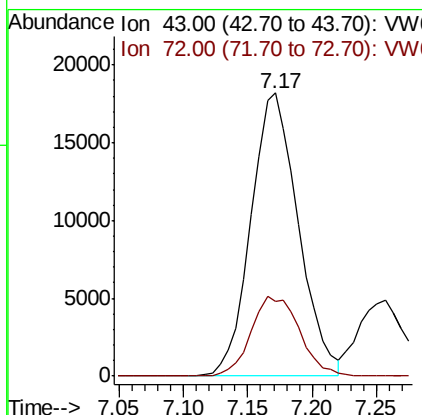
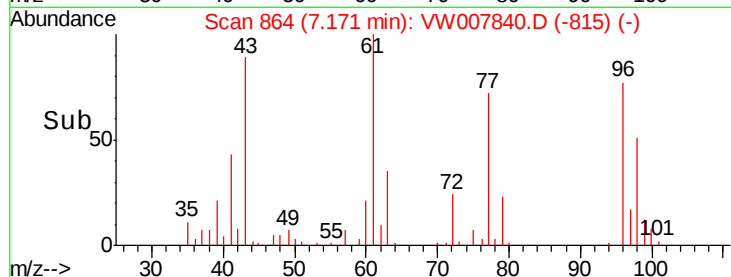
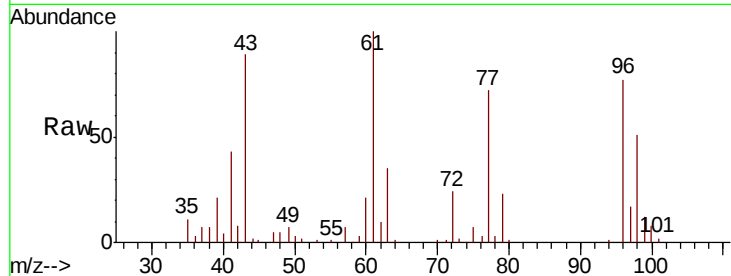
#25
2-Butanone
Concen: 297.129 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion: 43 Resp: 46299
Ion Ratio Lower Upper
43 100
72 26.6 24.5 36.7

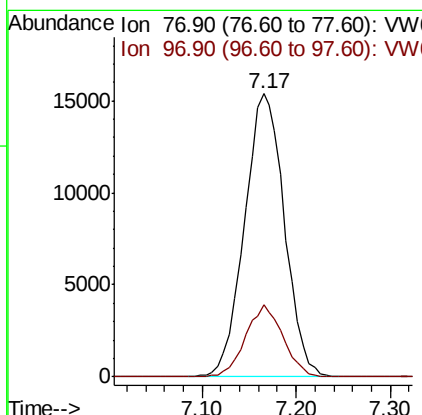
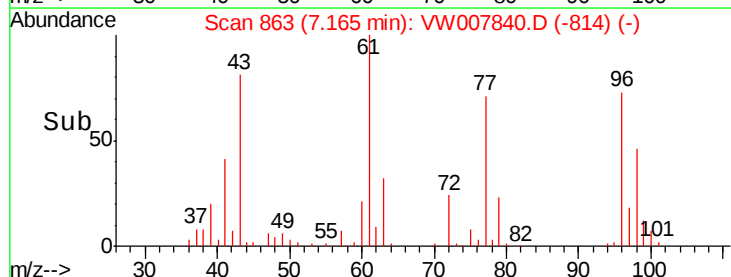
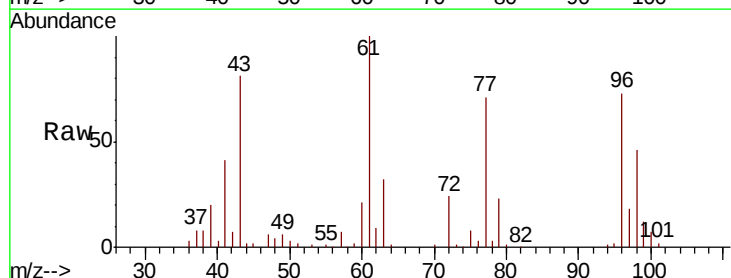
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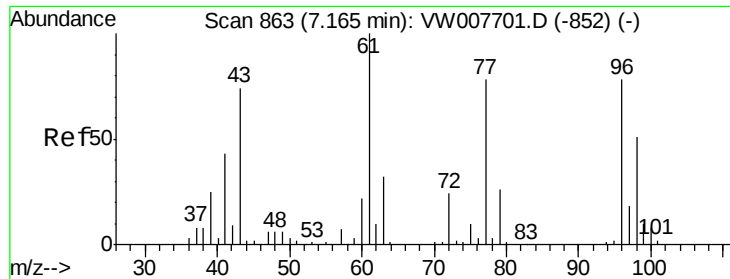
MMDadoda
12/26/2018 11:01:28 AM



#26
2,2-Dichloropropane
Concen: 53.881 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 77 Resp: 45547
Ion Ratio Lower Upper
77 100
97 23.9 11.3 33.9





#27

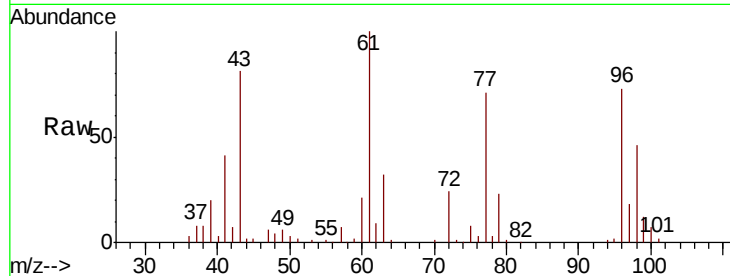
cis-1,2-Dichloroethene
Concen: 55.700 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	271.6
98	65.5	0.0	131.2

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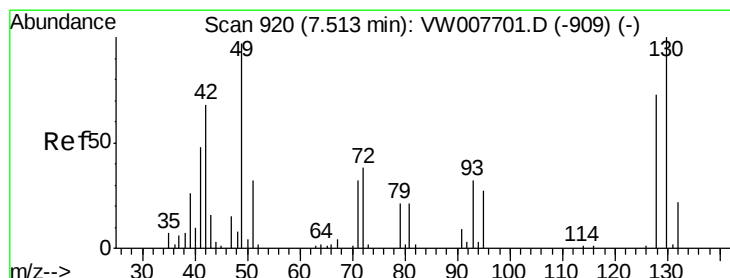
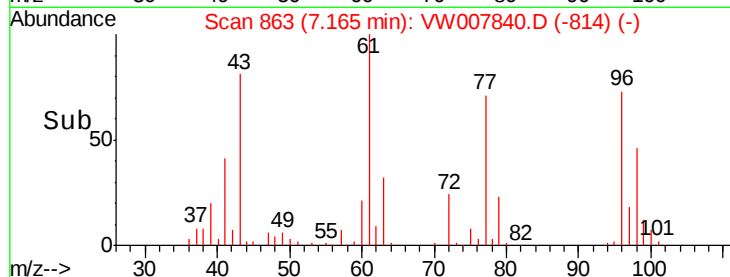
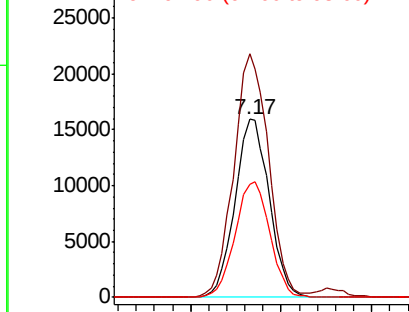


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

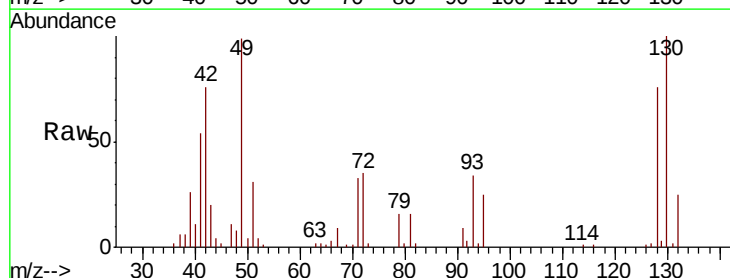
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 63.644 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.2
130	93.6	81.5	122.3

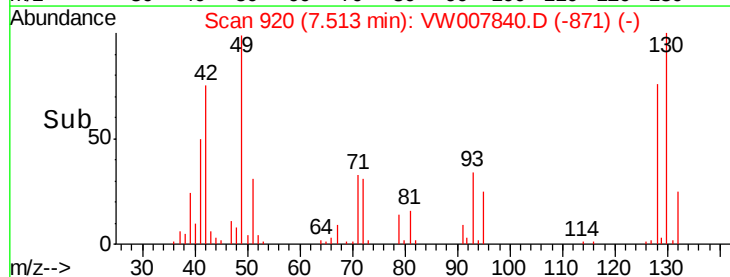
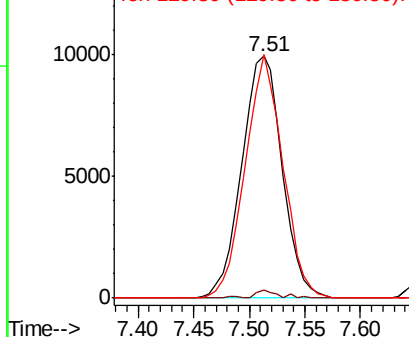


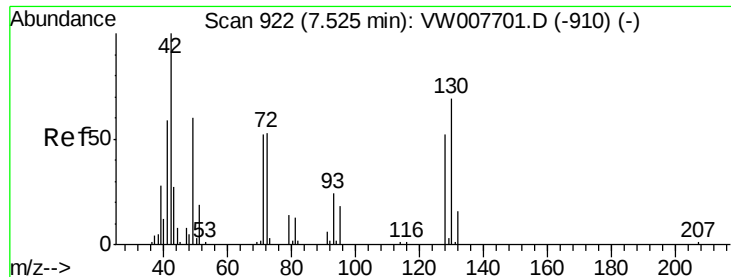
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





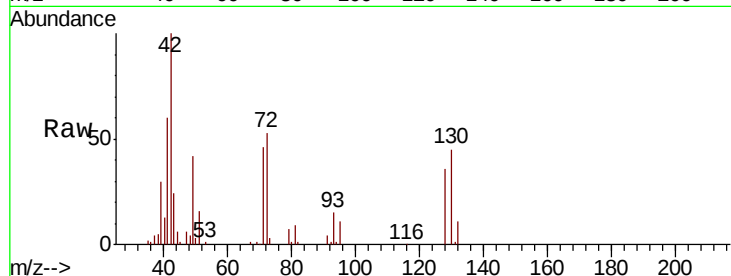
#29
Tetrahydrofuran
Concen: 327.248 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	41.7	62.5
71	46.8	39.0	58.6

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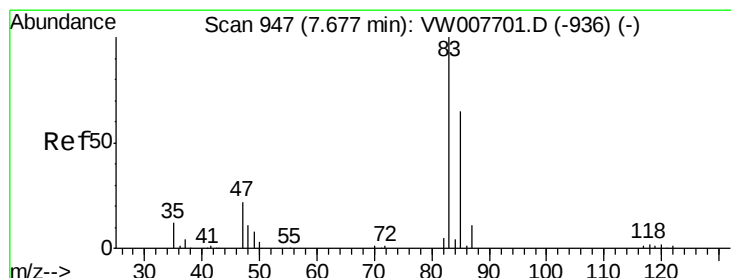
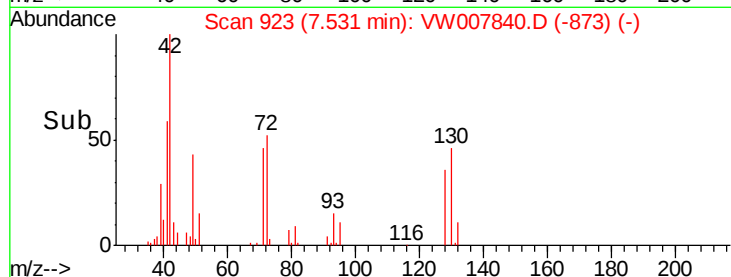
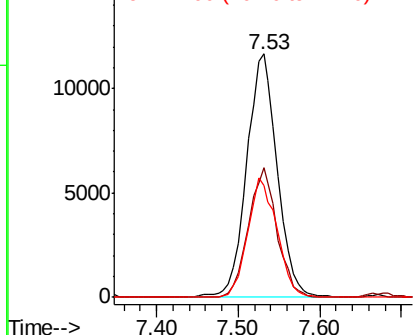


Abundance

Ion 42.00 (41.70 to 42.70): VW

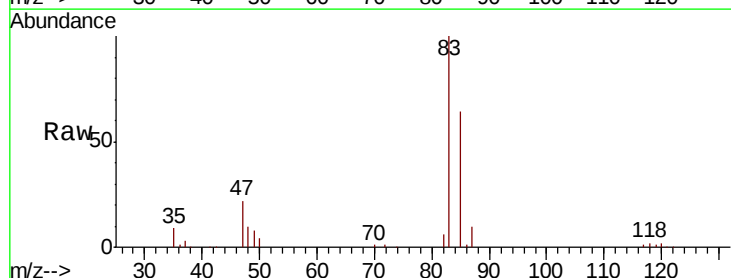
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 53.234 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

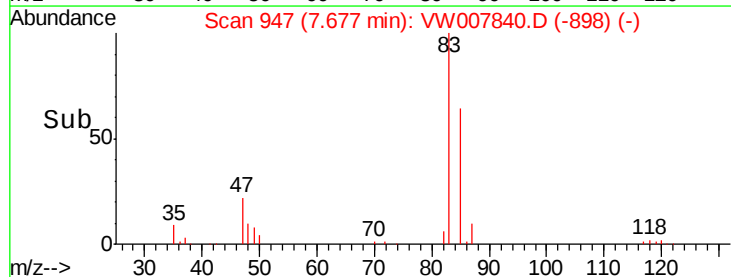
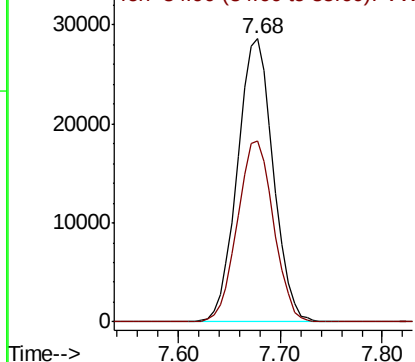
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.2	78.2

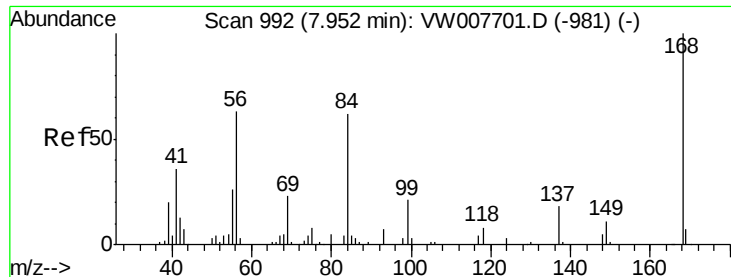


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





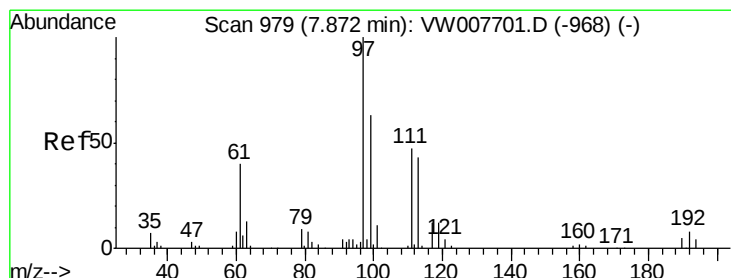
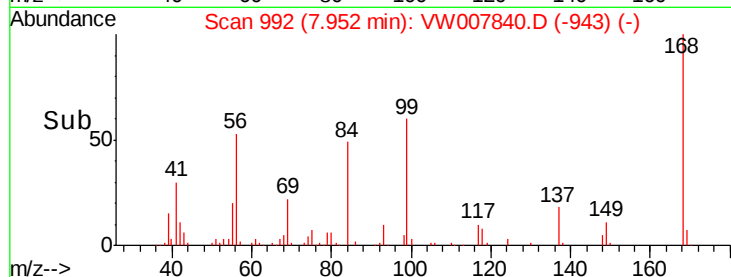
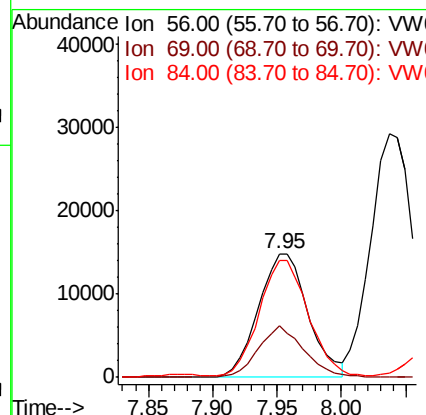
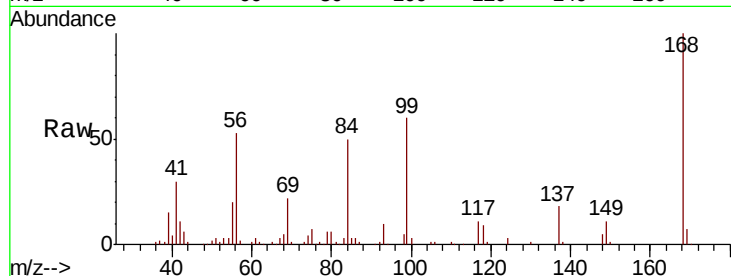
#31
Cyclohexane
Concen: 37.625 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.4	29.7	44.5
84	92.8	78.9	118.3

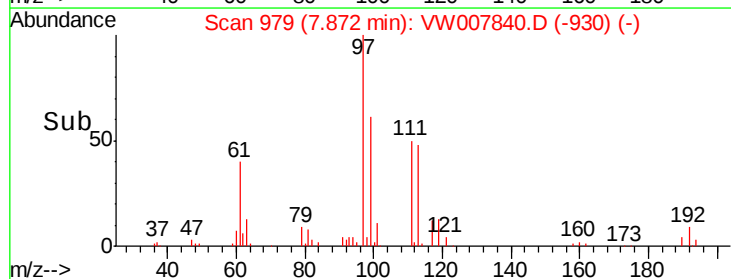
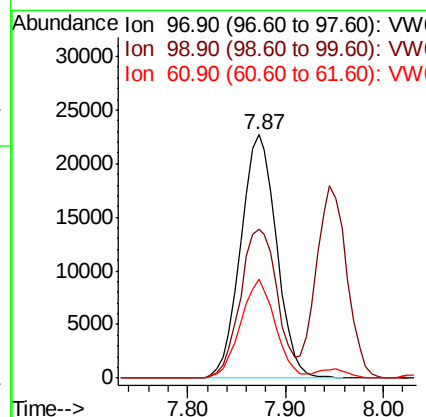
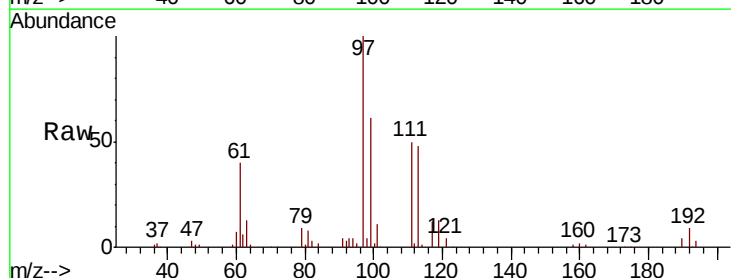
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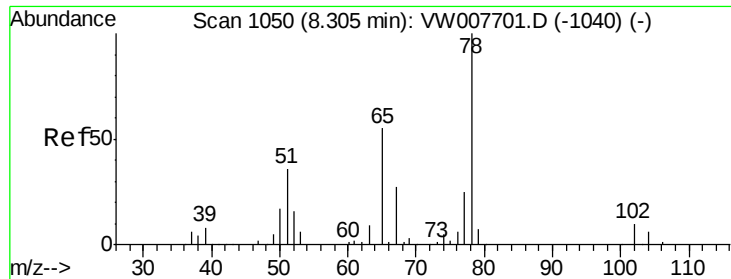
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#32
1,1,1-Trichloroethane
Concen: 48.309 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.6	76.0
61	39.4	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 55.357 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion: 65 Resp: 39327

Ion Ratio Lower Upper

65 100

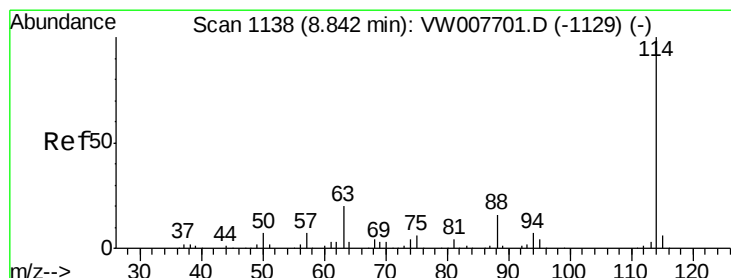
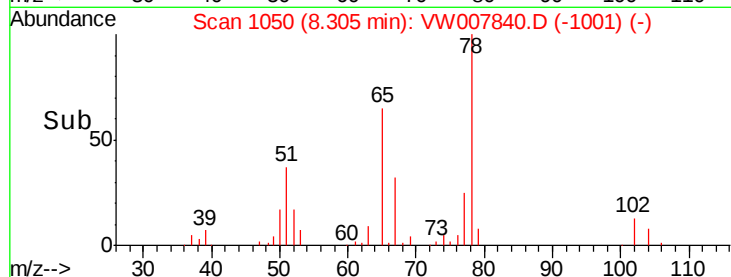
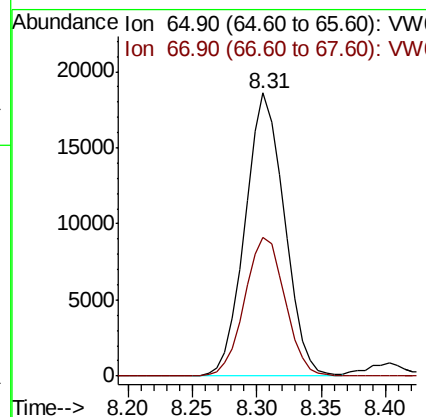
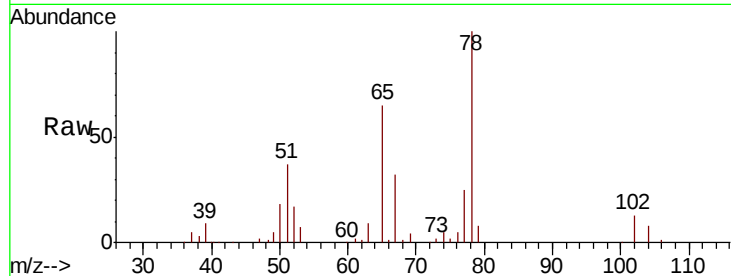
67 50.1 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

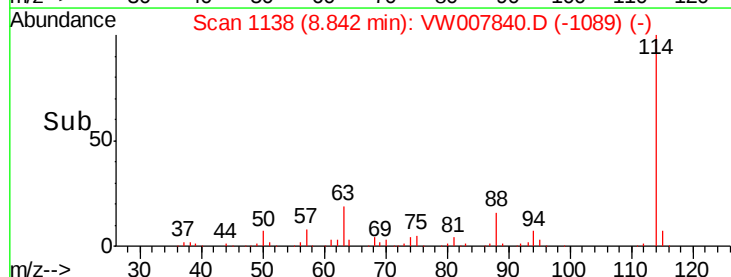
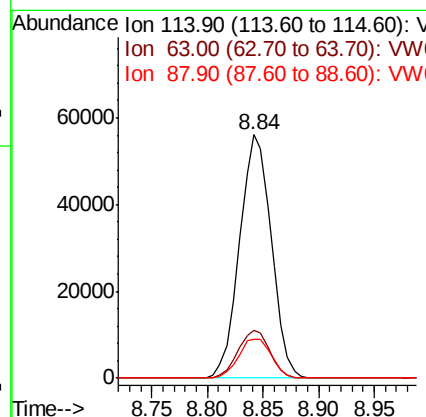
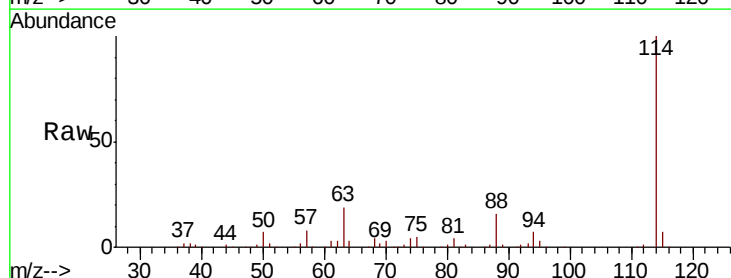
Tgt Ion: 114 Resp: 110791

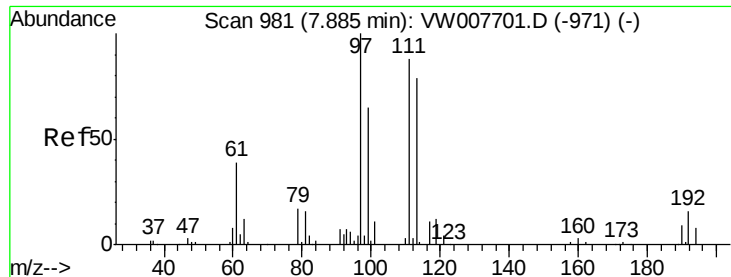
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.852 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

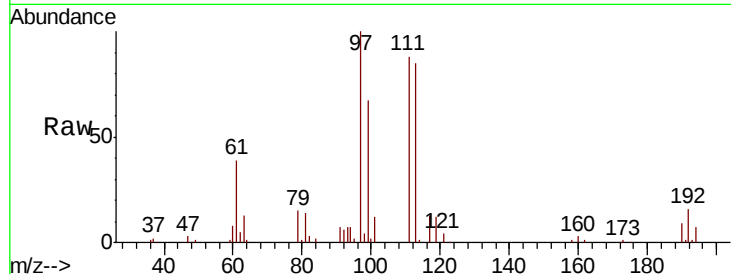
ClientSampleId :

P001-SS006-1824-01MS

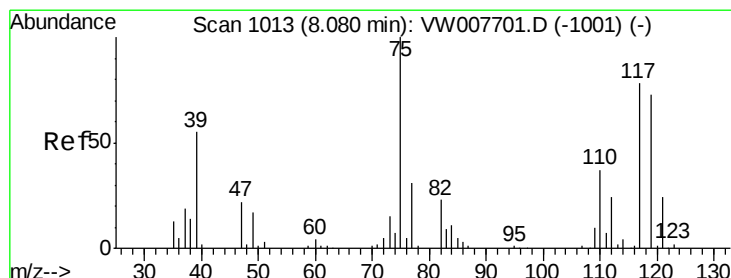
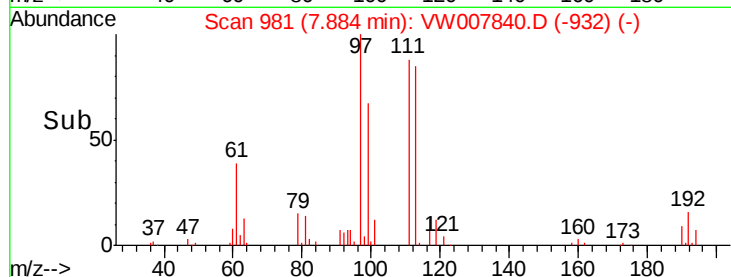
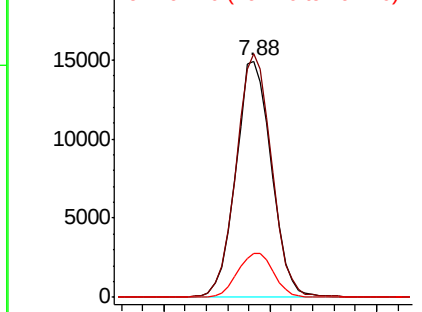
Tot Ion:	113	Resp:	35046
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	18.8	15.5	23.3

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.878 ug/l

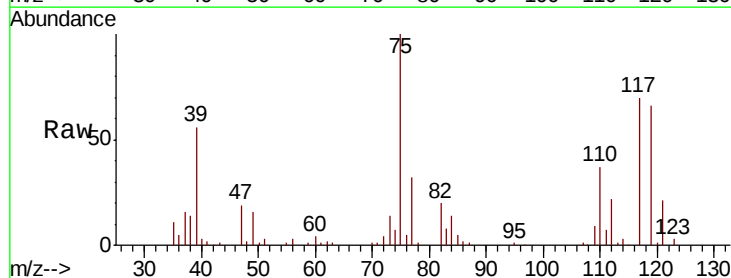
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

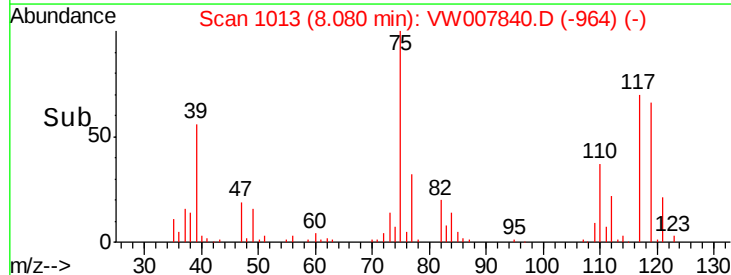
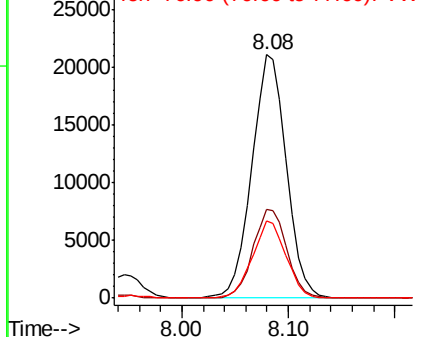
Lab File: VW007840.D

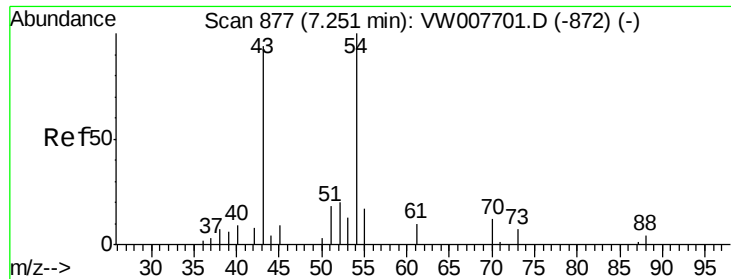
Acq: 22 Dec 2018 13:36

Tgt Ion:	75	Resp:	47989
Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.6	55.8
77	30.9	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





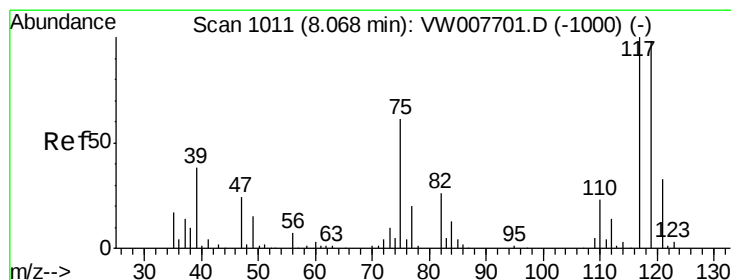
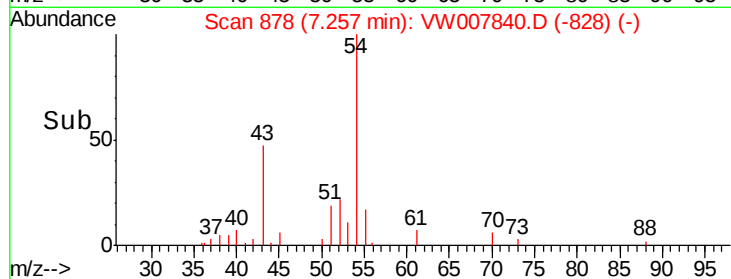
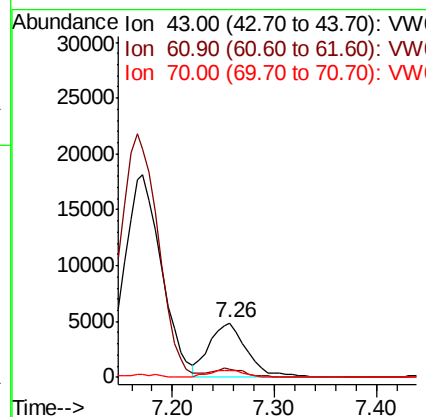
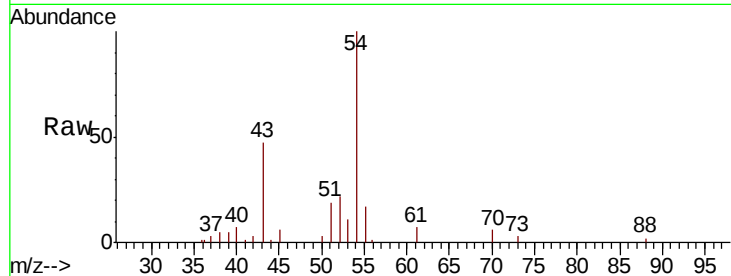
#37
Ethyl Acetate
Concen: 34.590 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.2	16.8
70	12.6	9.3	13.9

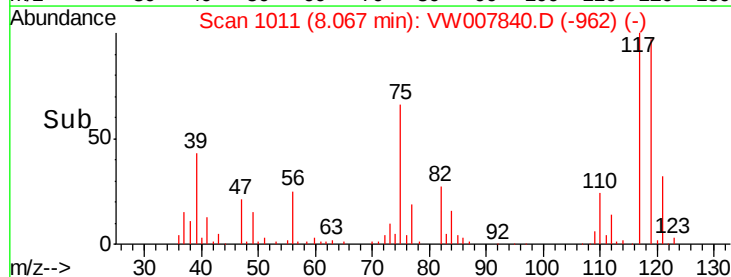
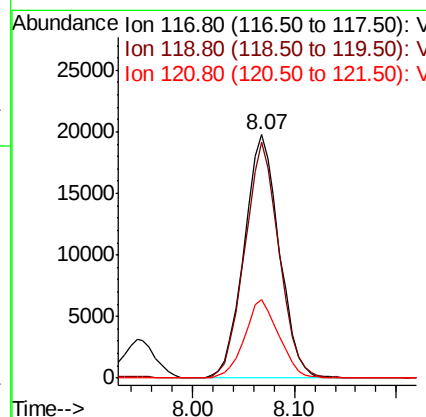
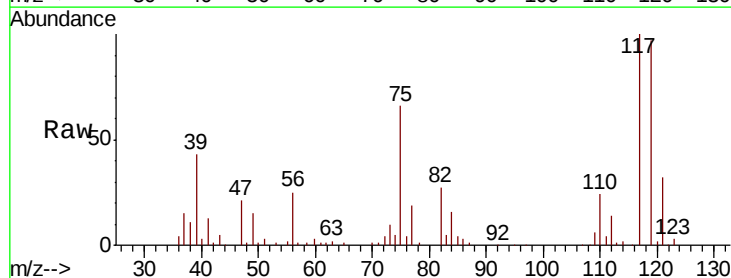
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#38
Carbon Tetrachloride
Concen: 37.480 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.2	117.2
121	32.1	26.1	39.1





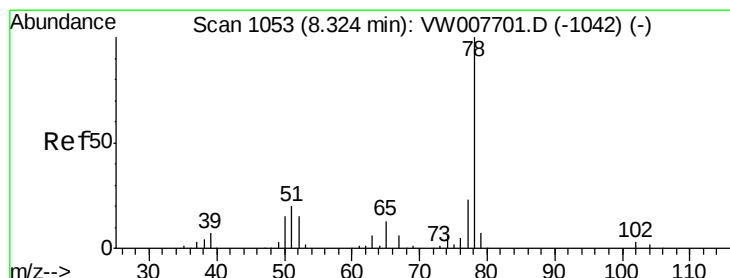
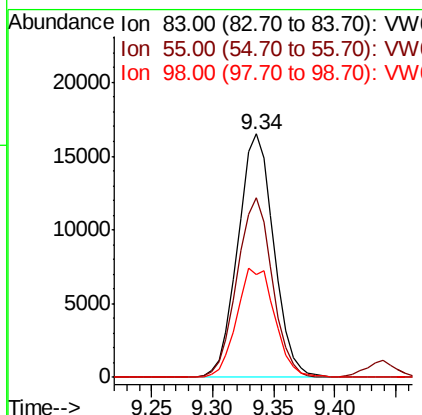
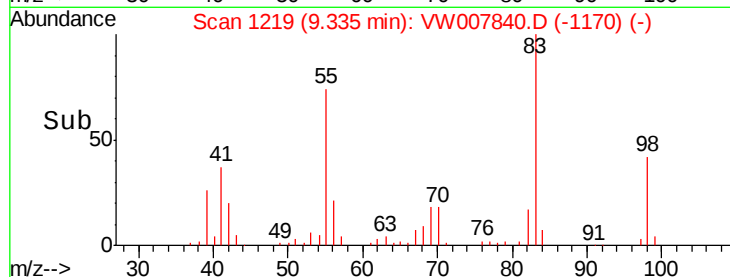
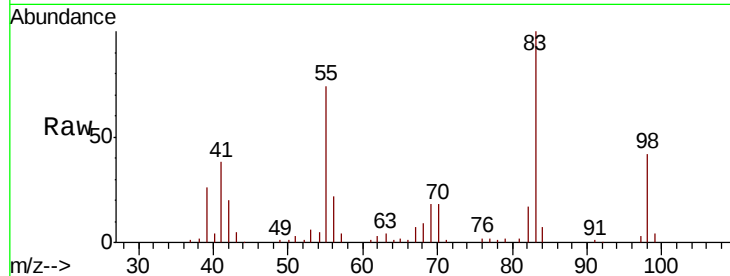
#39
Methvlcvclohexane
Concen: 25.345 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	57.2	85.8
98	42.4	38.6	58.0

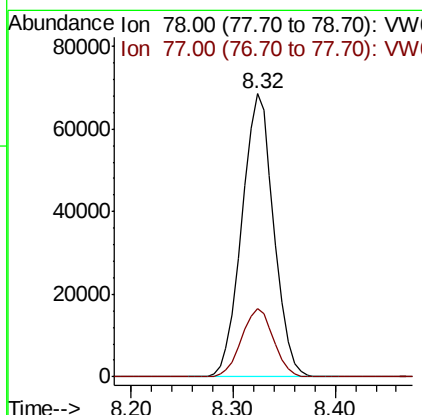
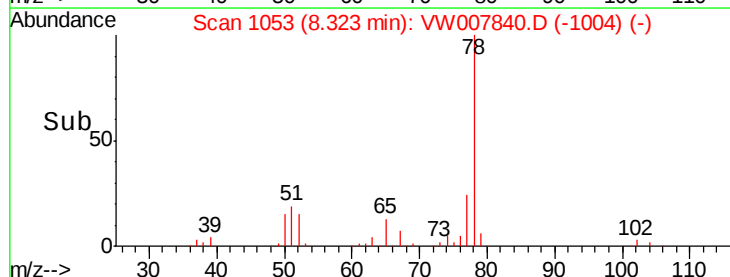
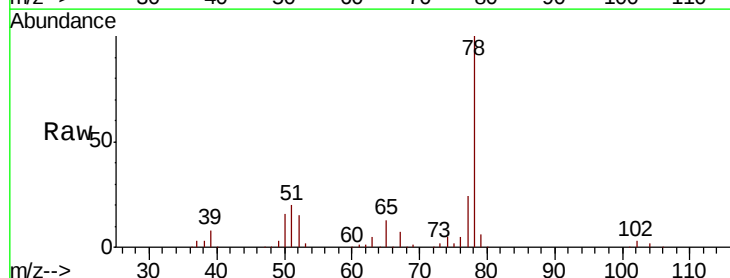
Manual Integrations
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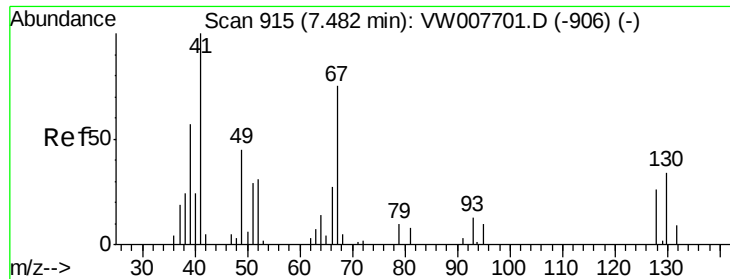
MMDadoda
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#40
Benzene
Concen: 52.104 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





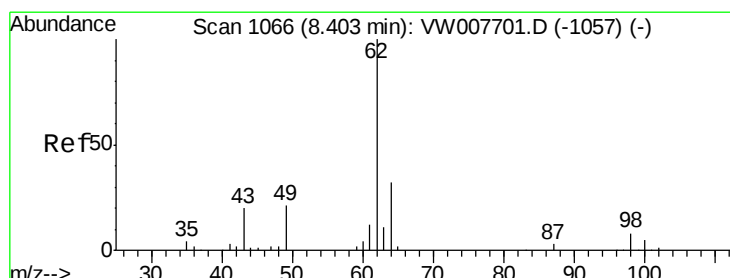
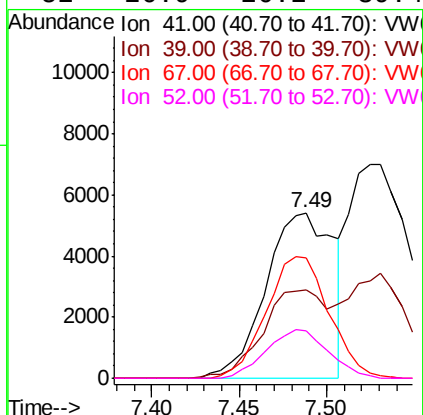
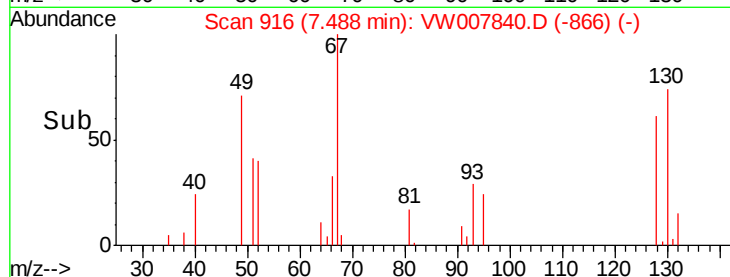
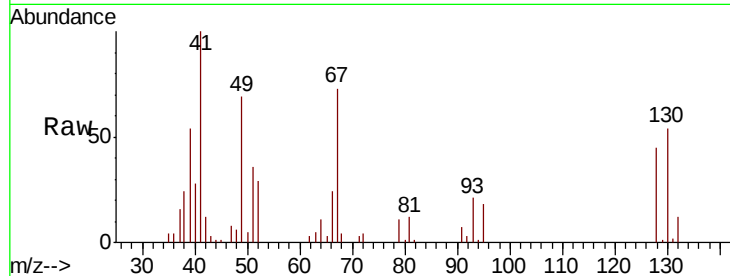
#41
Methacrylonitrile
Concen: 69.629 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion:	41	Resp:	14589
Ion	Ratio	Lower	Upper
41	100		
39	49.4	54.2	81.4#
67	68.5	65.7	98.5
52	26.9	26.2	39.4

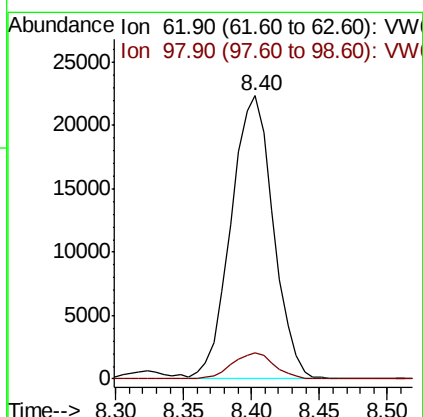
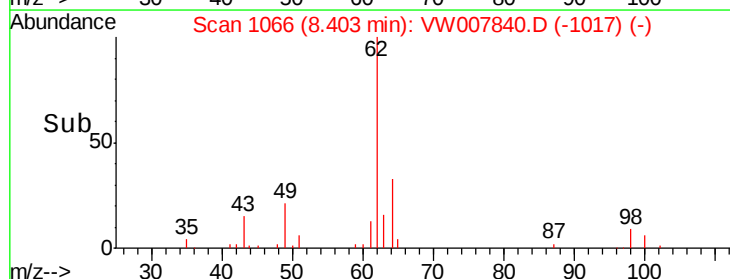
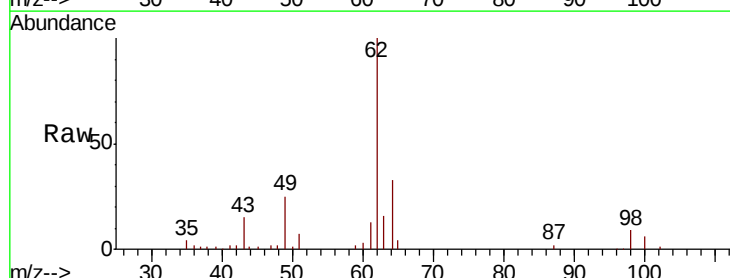
Manual Integrations
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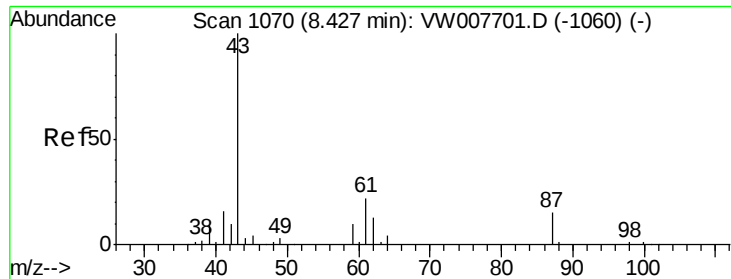
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.683 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion:	62	Resp:	48466
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6





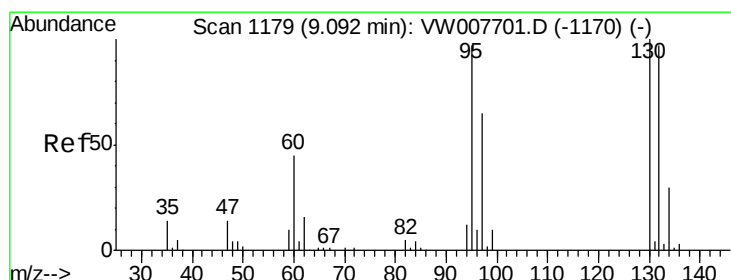
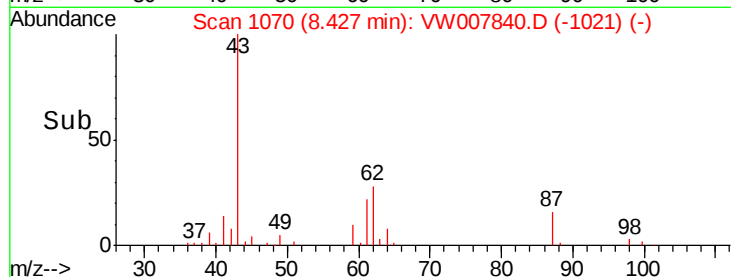
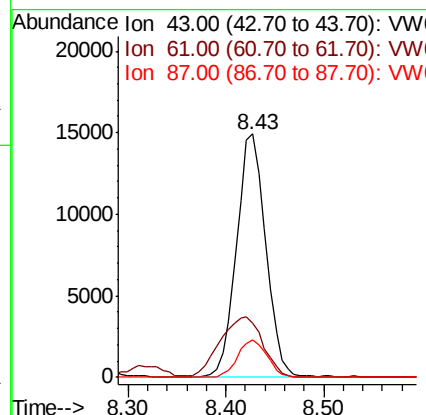
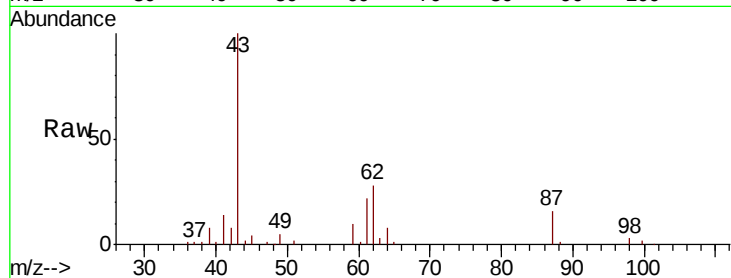
#43
Isopropyl Acetate
Concen: 41.970 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.9	26.3	39.5
87	15.4	12.0	18.0

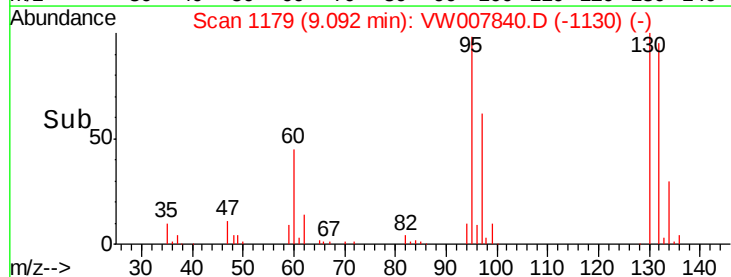
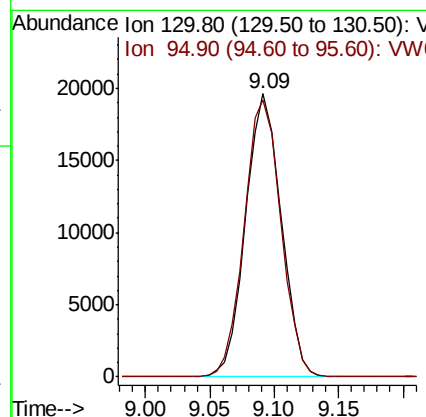
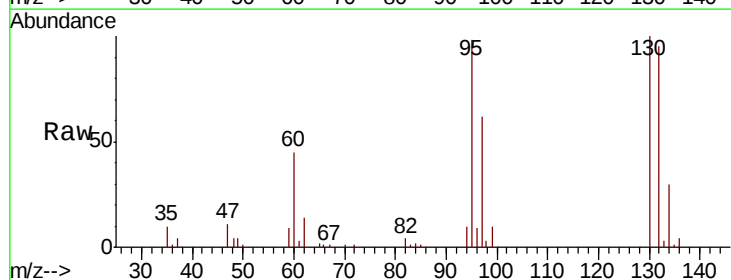
Manual Integrations
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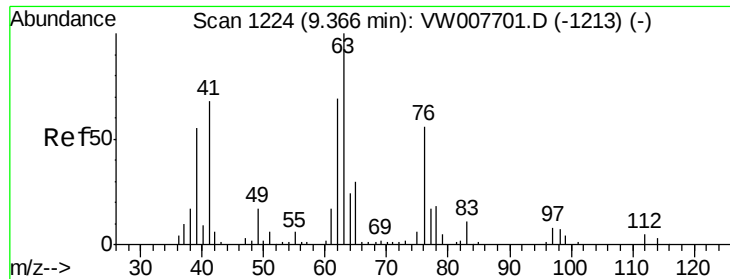
MMDadoda
12/26/2018 11:01:28 AM



#44
Trichloroethene
Concen: 43.413 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	194.8





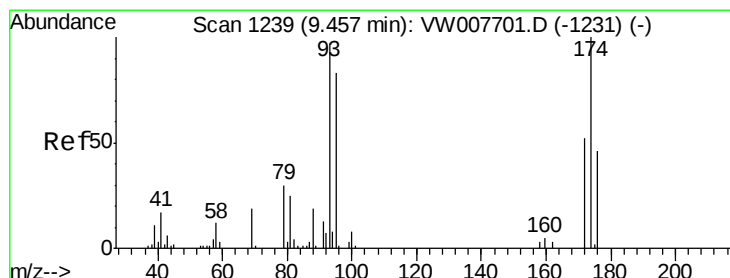
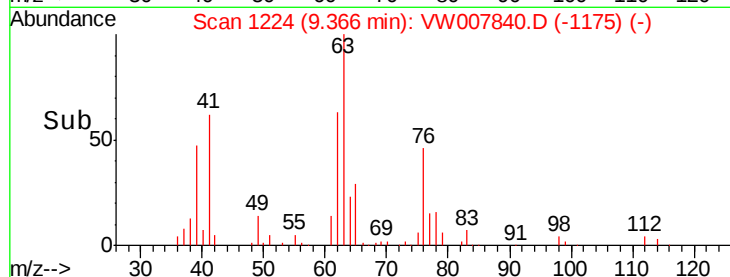
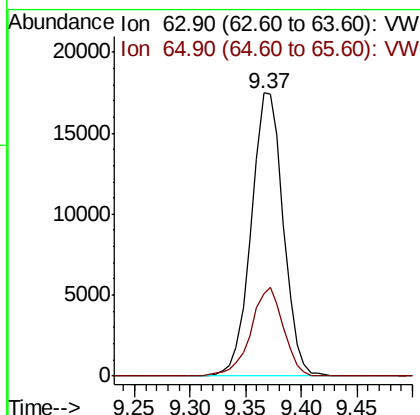
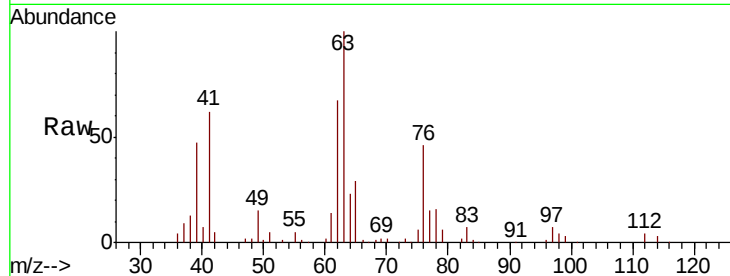
#45
 1,2-Dichloropropane
 Concen: 55.501 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	23.8	35.8

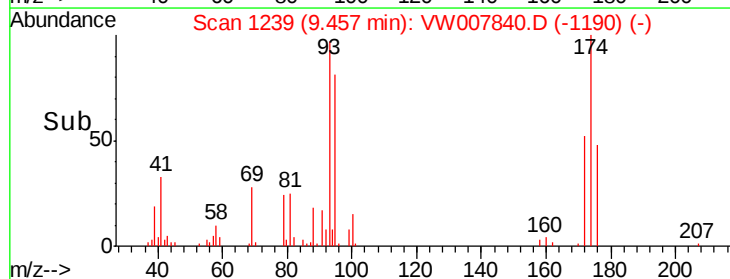
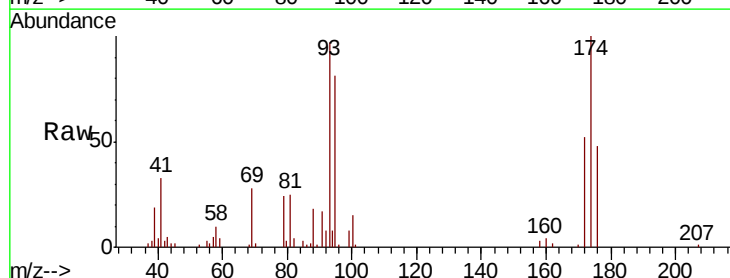
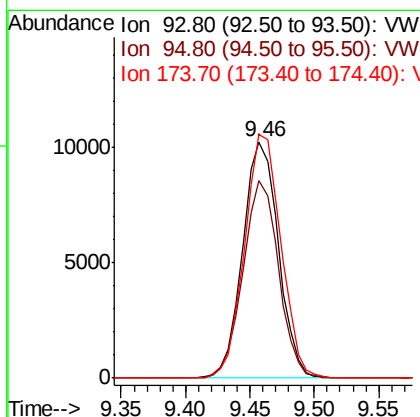
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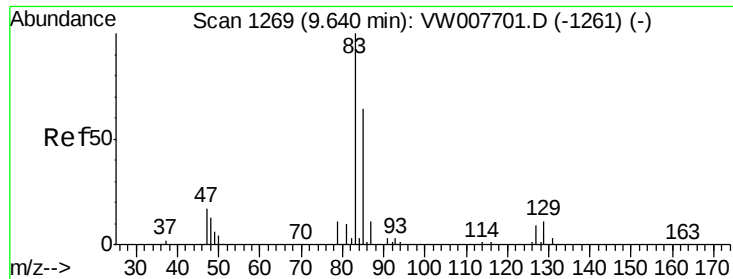
MMDadoda
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#46
 Dibromomethane
 Concen: 50.275 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.5	101.3
174	105.3	83.9	125.9





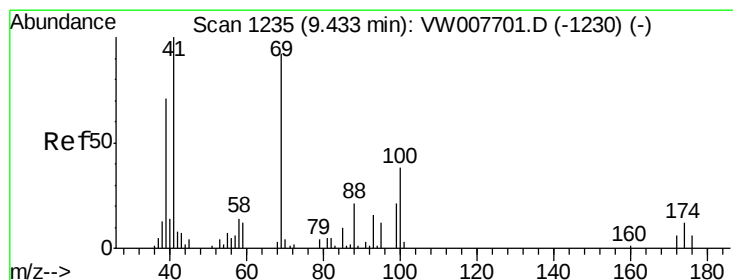
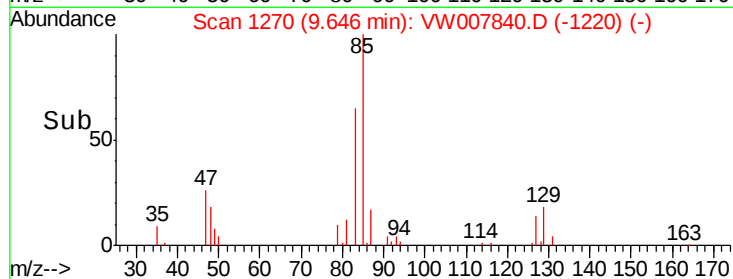
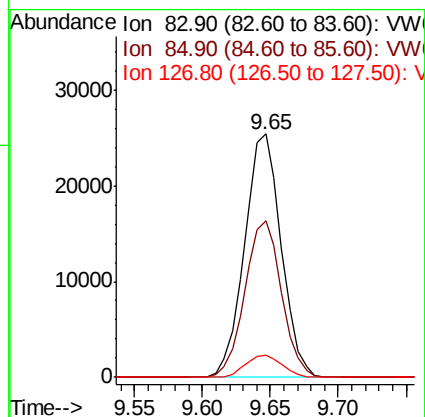
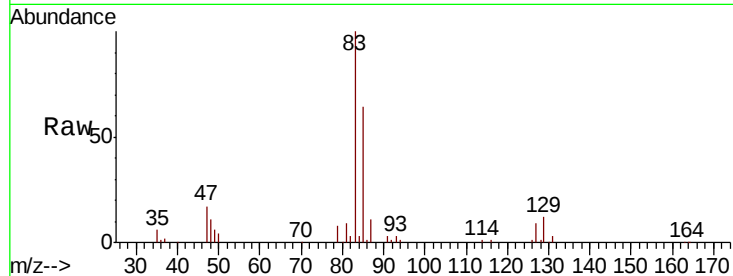
#47
Bromodichloromethane
Concen: 46.825 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	47979		
85	64.3		51.4	77.0
127	9.2		7.5	11.3

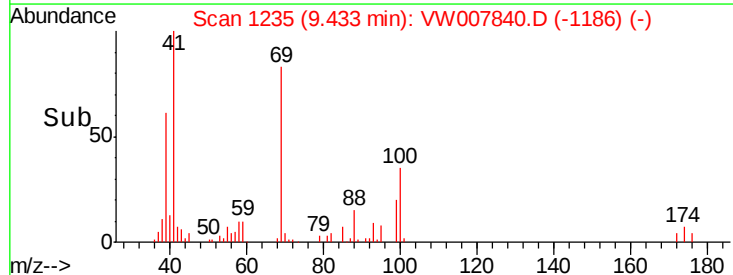
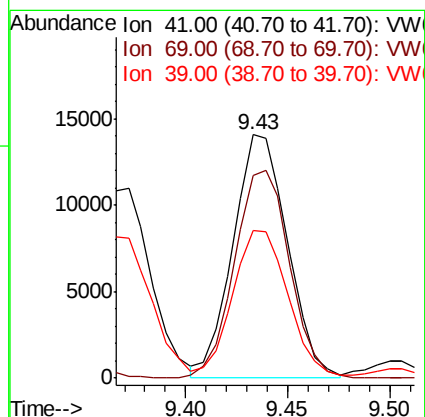
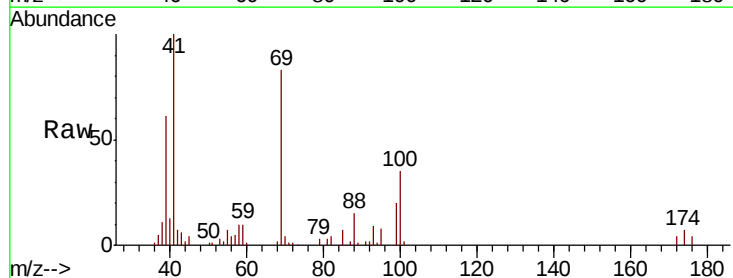
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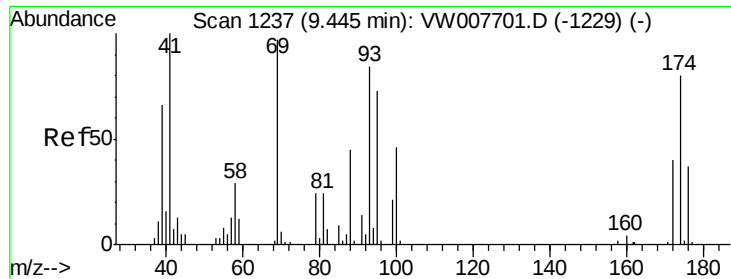
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#48
Methyl methacrylate
Concen: 70.800 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	26129		
69	86.3		74.2	111.2
39	62.1		53.9	80.9





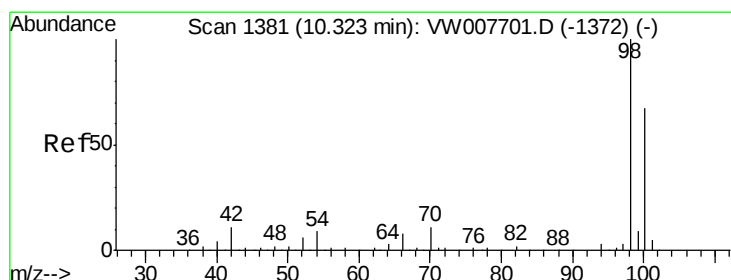
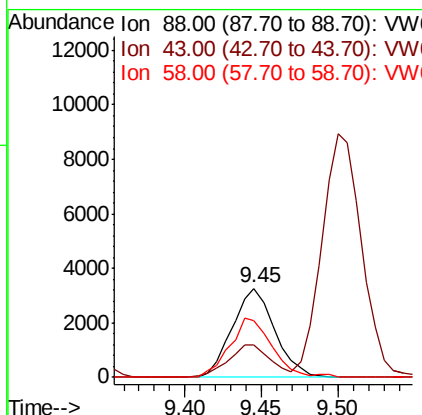
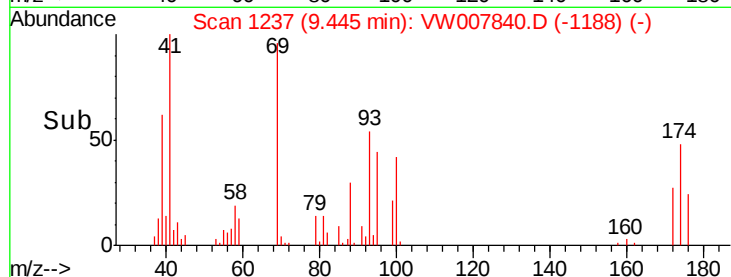
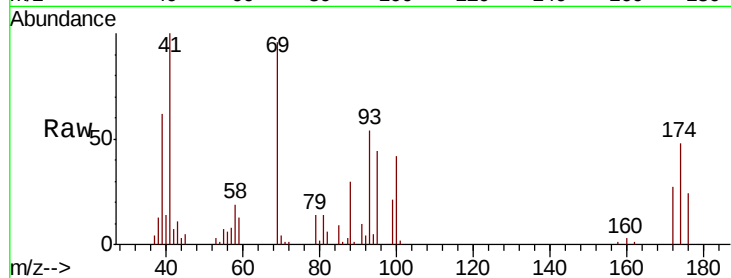
#49
 1,4-Dioxane
 Concen: 1015.304 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	25.6	38.4
58	66.7	52.3	78.5

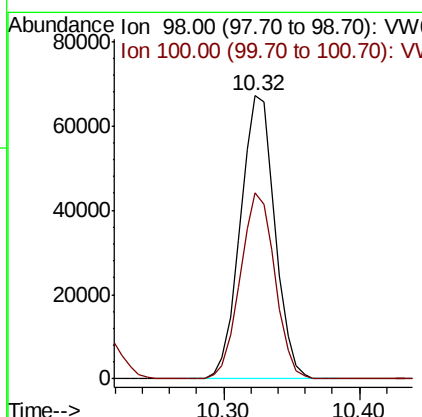
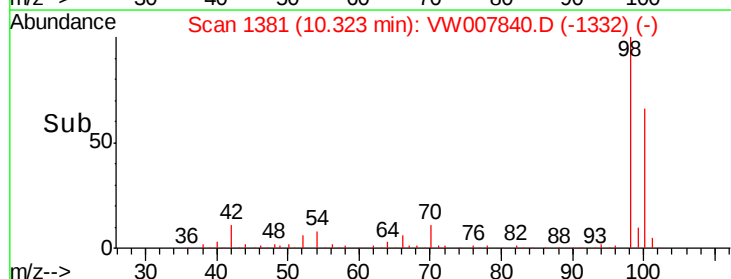
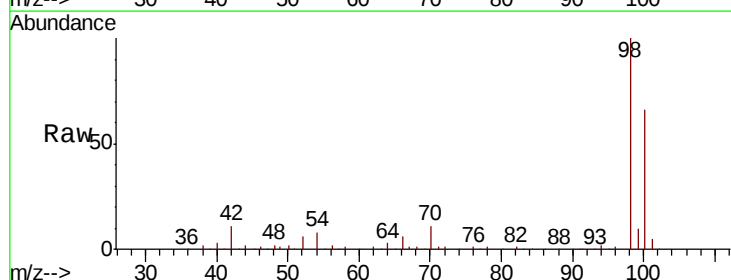
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#50
 Toluene-d8
 Concen: 46.702 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 285.457 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion: 43 Resp: 99744

Ion Ratio Lower Upper

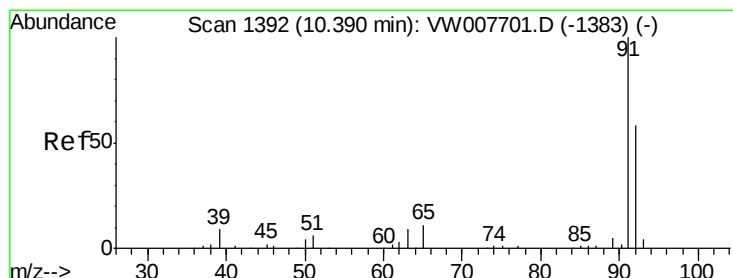
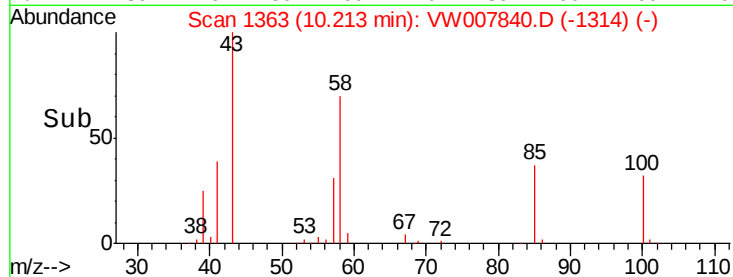
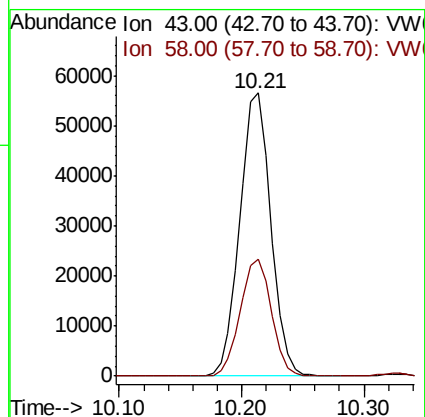
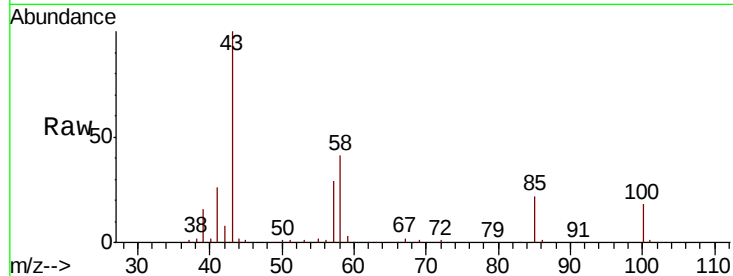
43 100

58 41.4 33.2 49.8

Manual Integrations
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#52

Toluene

Concen: 63.594 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007840.D

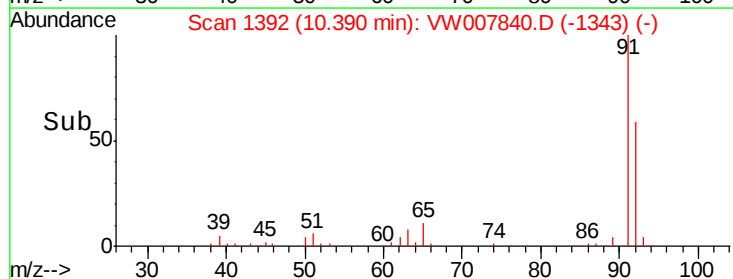
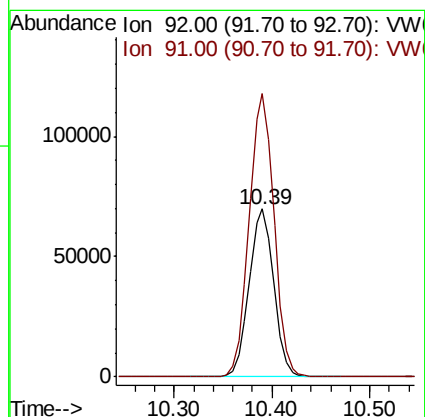
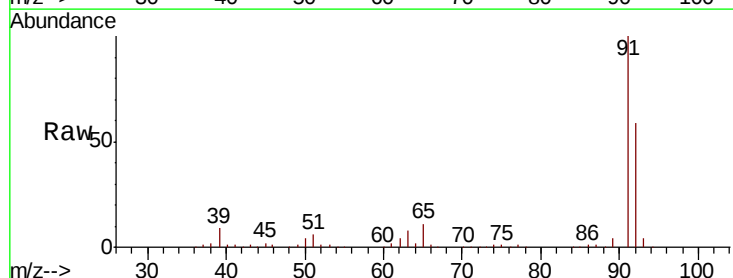
Acq: 22 Dec 2018 13:36

Tgt Ion: 92 Resp: 121751

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.4





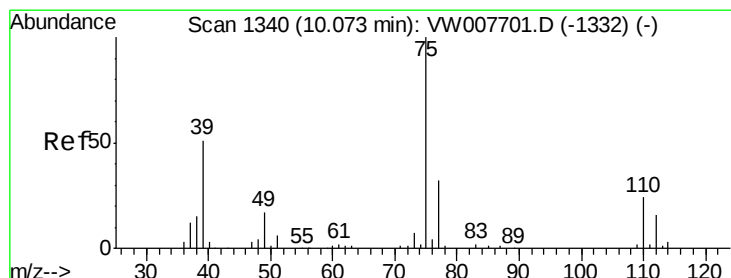
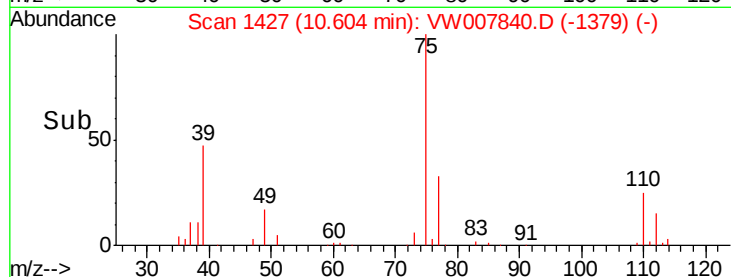
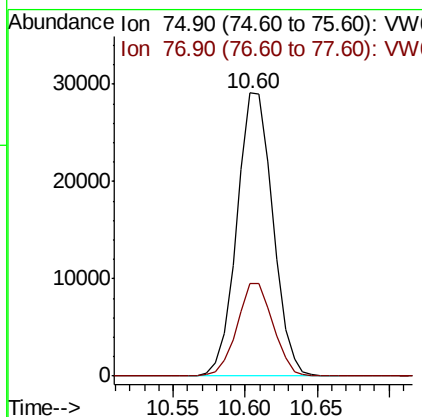
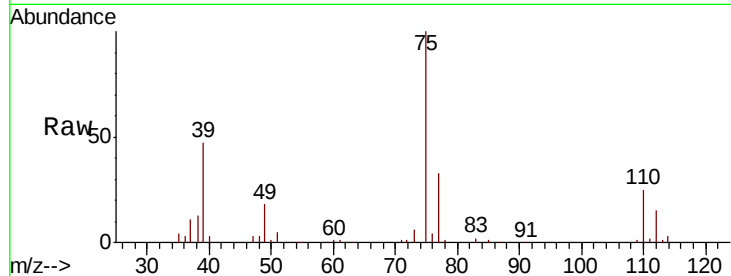
#53
 t-1,3-Dichloropropene
 Concen: 49.626 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion: 75 Resp: 50578
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8

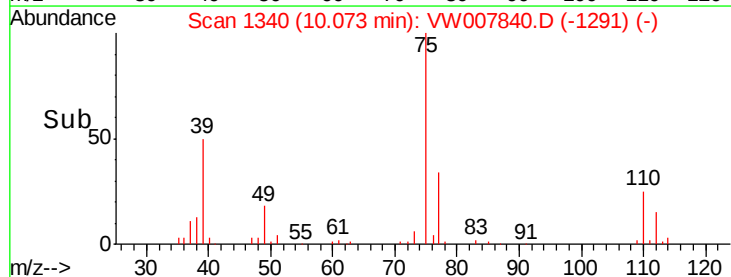
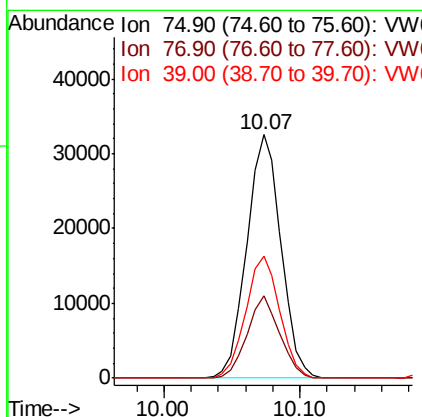
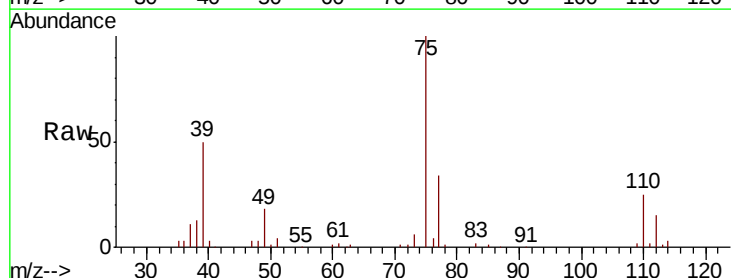
Manual Integrations
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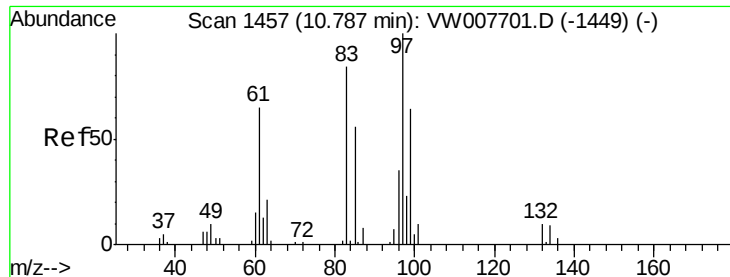
MMDadoda
 12/26/2018 11:01:28 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.869 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 75 Resp: 57266
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3
 39 50.0 41.2 61.8





#55

1,1,2-Trichloroethane

Concen: 53.460 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

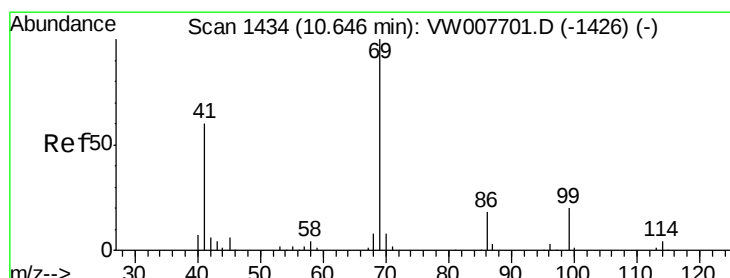
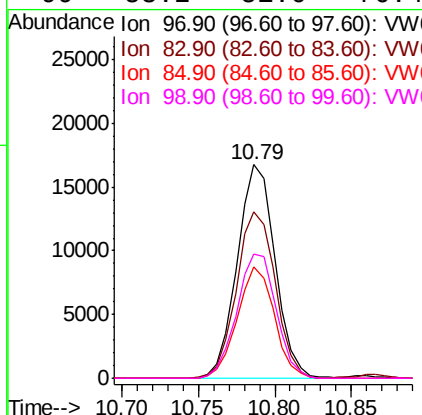
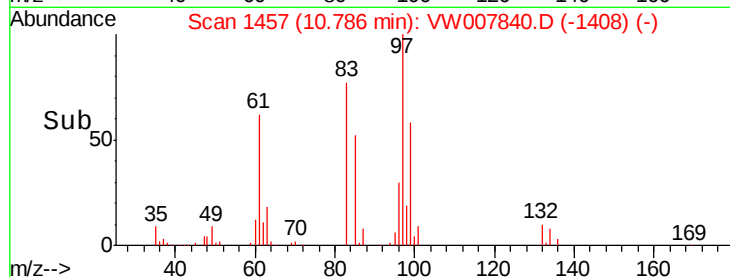
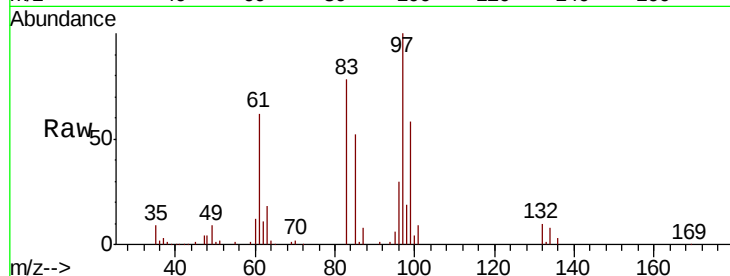
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	97	Resp:	28725
Ion	Ratio	Lower	Upper
97	100		
83	77.9	67.5	101.3
85	51.9	44.8	67.2
99	58.2	51.0	76.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 34.300 ug/l

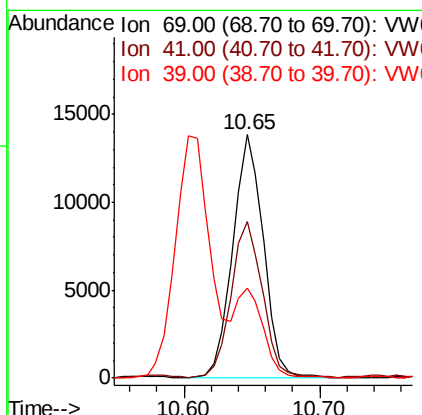
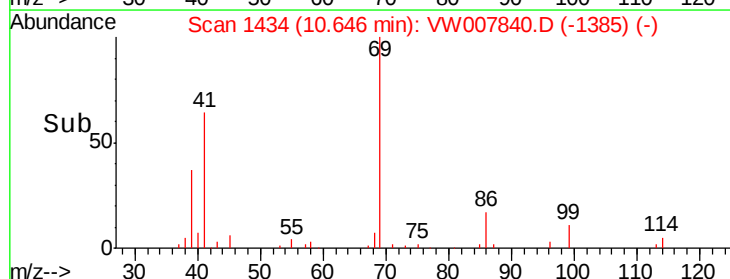
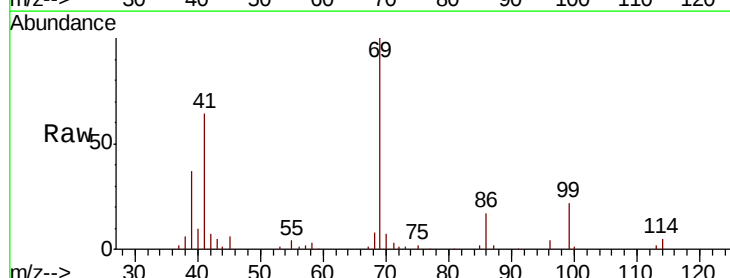
RT: 10.65 min Scan# 1434

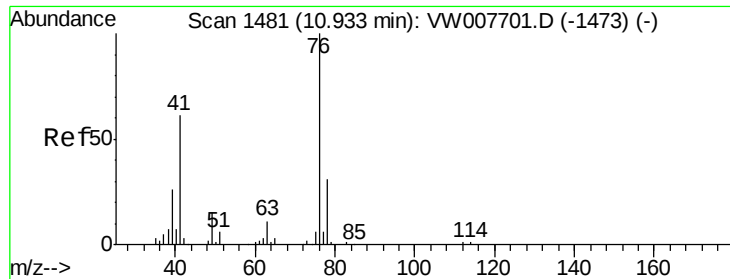
Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Tgt Ion:	69	Resp:	21775
Ion	Ratio	Lower	Upper
69	100		
41	66.1	48.9	73.3
39	31.8	31.3	46.9





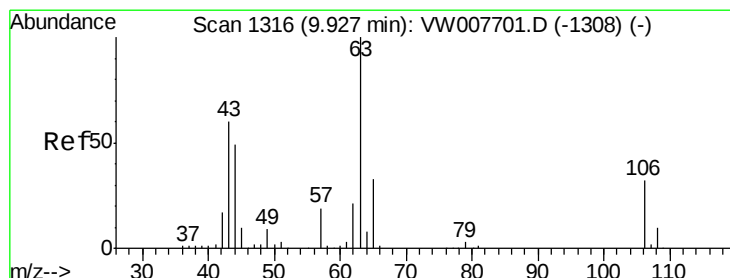
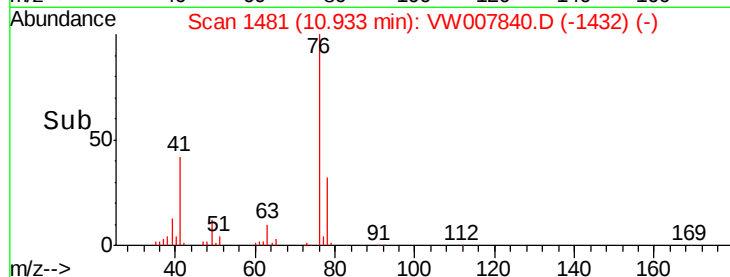
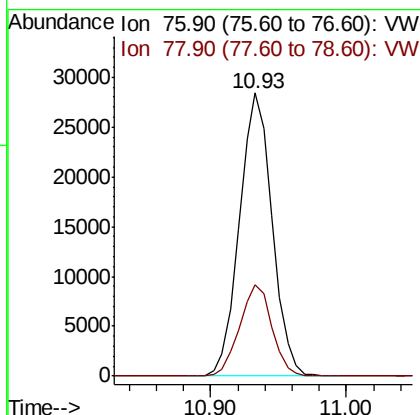
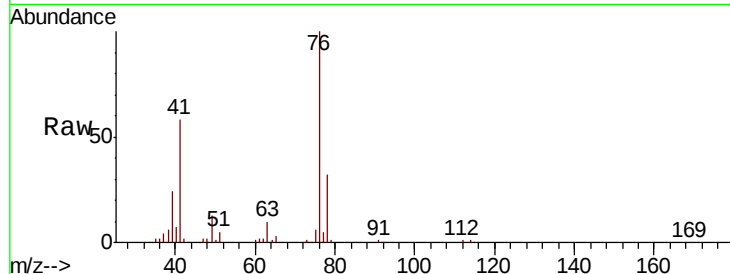
#57
 1,3-Dichloropropane
 Concen: 53.369 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion: 76 Resp: 47618
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

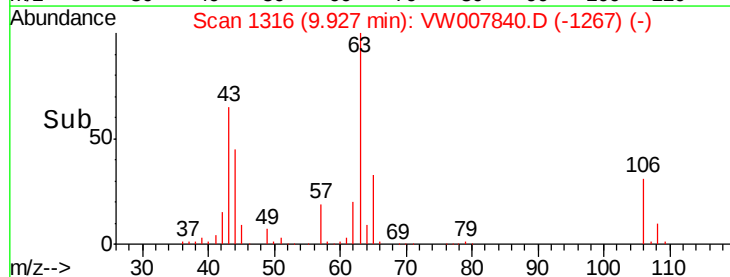
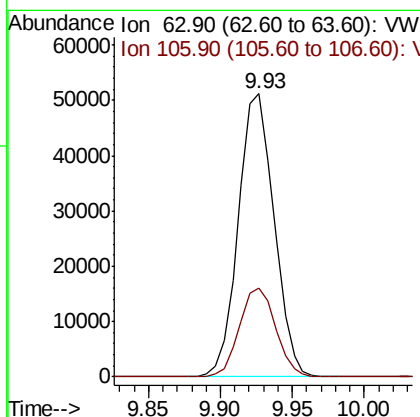
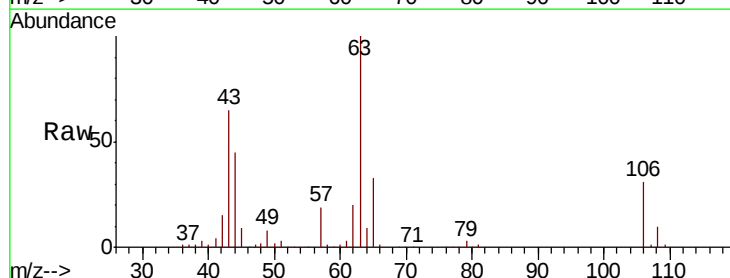
Manual Integrations
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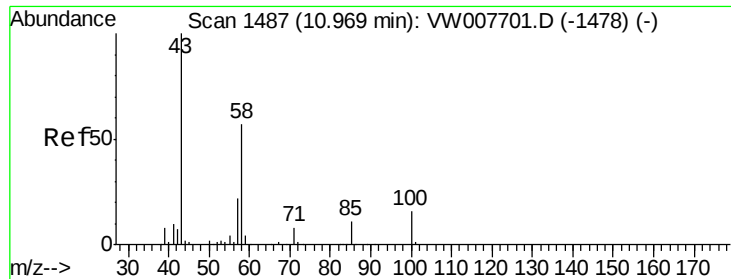
MMDadoda
 12/26/2018 11:01:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 304.801 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 63 Resp: 88347
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.9 38.9





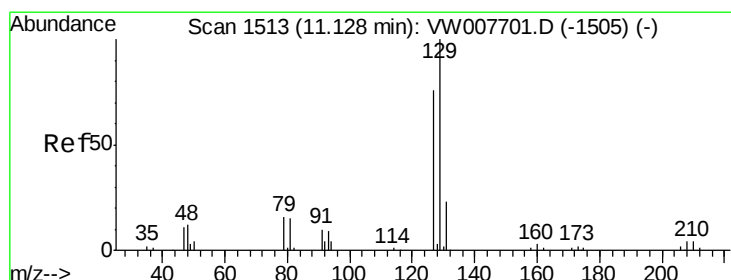
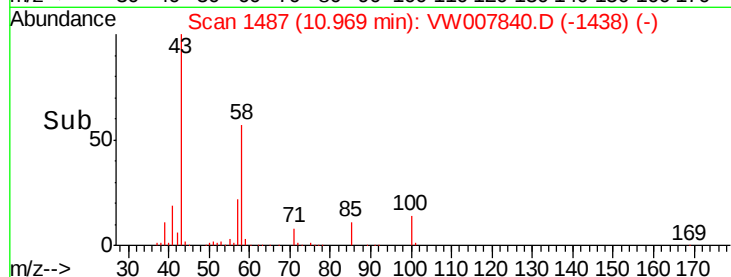
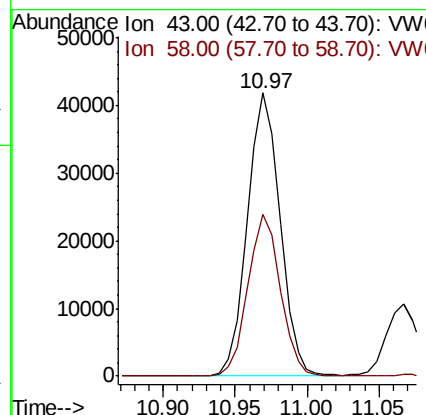
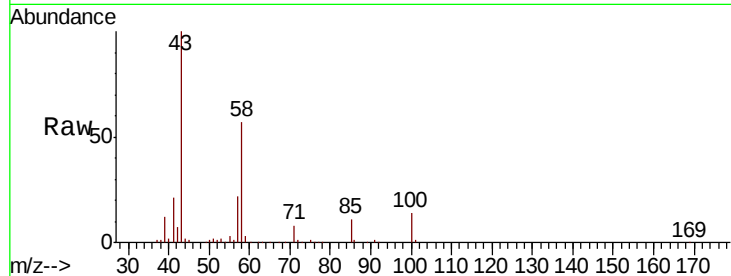
#59
2-Hexanone
Concen: 267.283 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion: 43 Resp: 65681
Ion Ratio Lower Upper
43 100
58 56.9 27.7 83.1

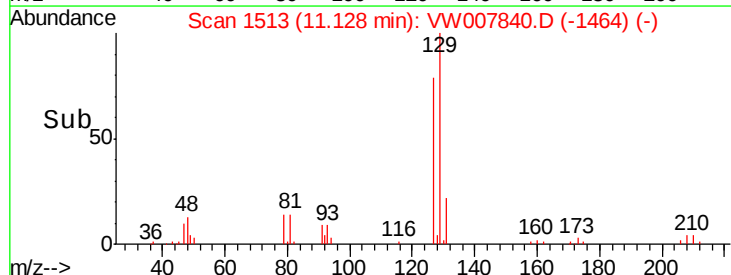
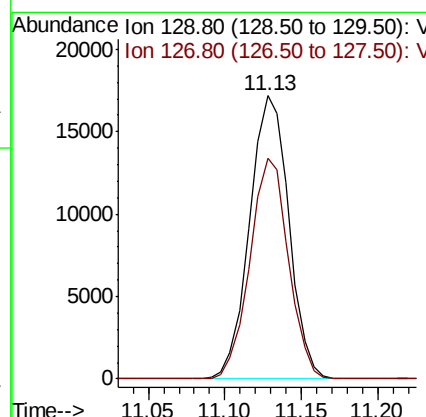
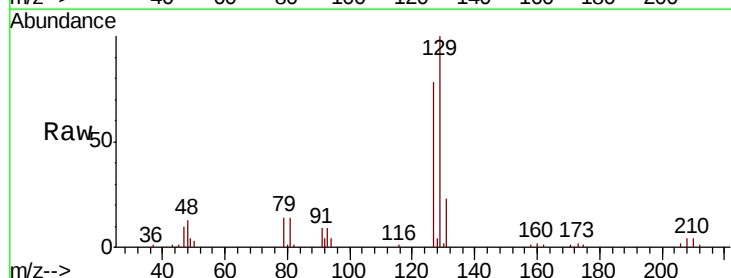
Manual Integrations
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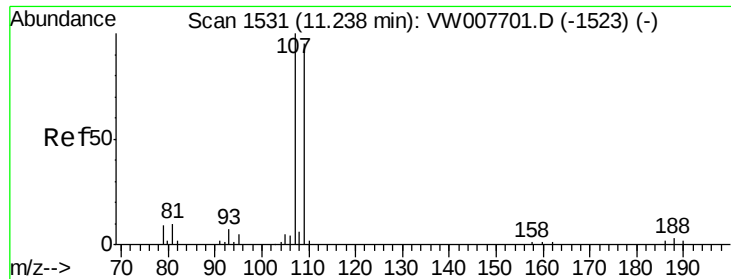
MMDadoda
12/26/2018 11:01:28 AM



#60
Dibromochloromethane
Concen: 43.103 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 129 Resp: 30665
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





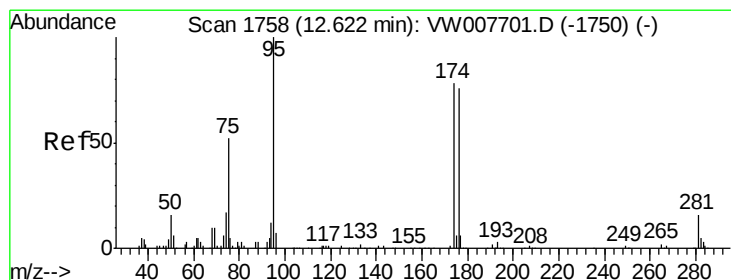
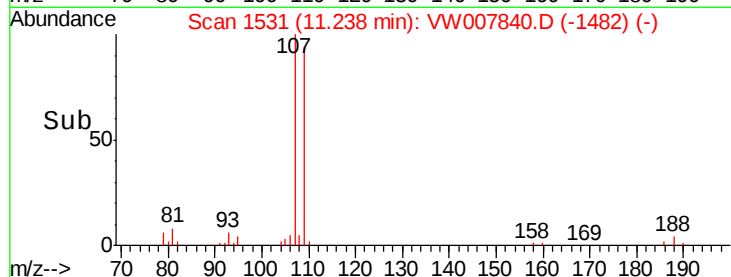
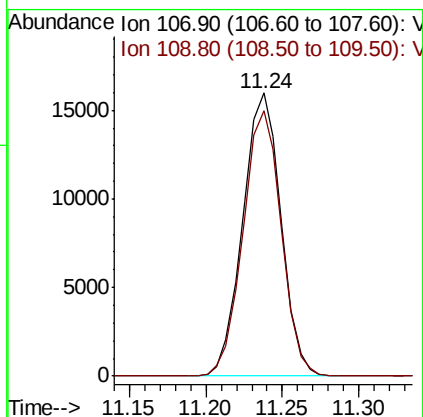
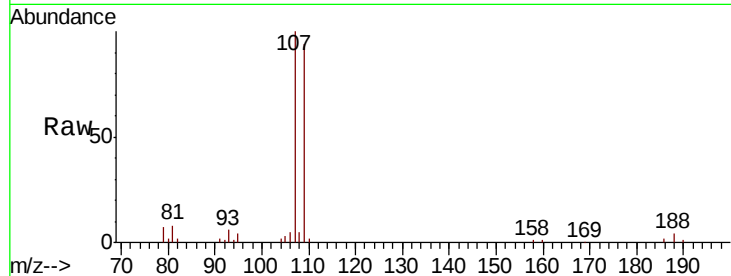
#61
 1,2-Dibromoethane
 Concen: 50.842 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion: 107 Resp: 27664
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0

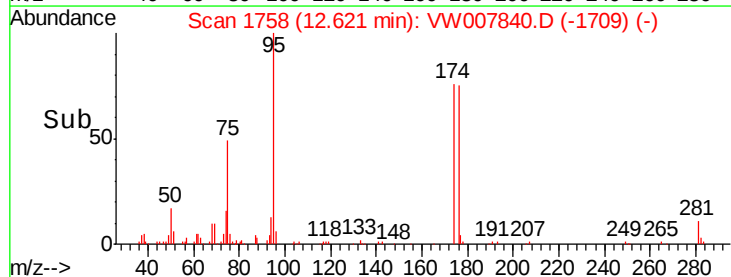
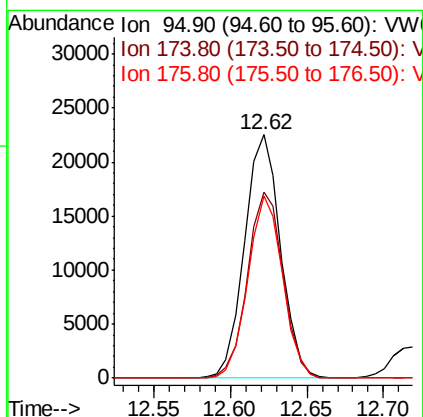
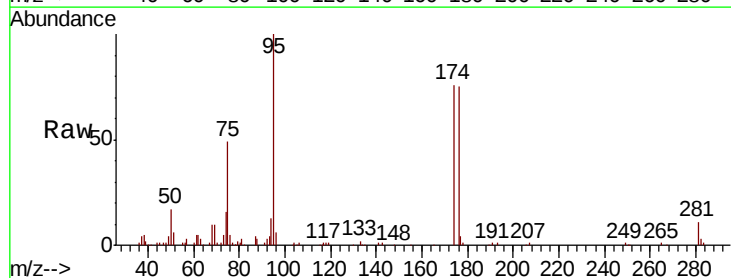
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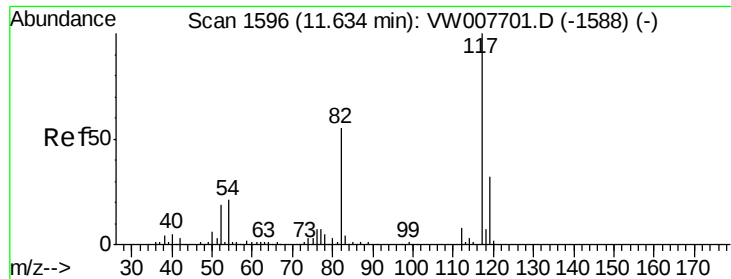
MMDadoda
 12/26/2018 11:01:28 AM



#62
 4-Bromofluorobenzene
 Concen: 37.283 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 95 Resp: 36699
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 152.2
 176 72.4 0.0 146.8





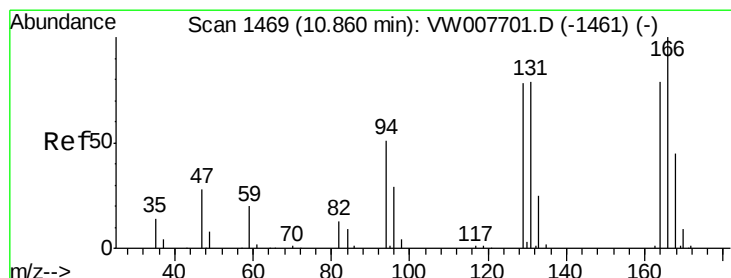
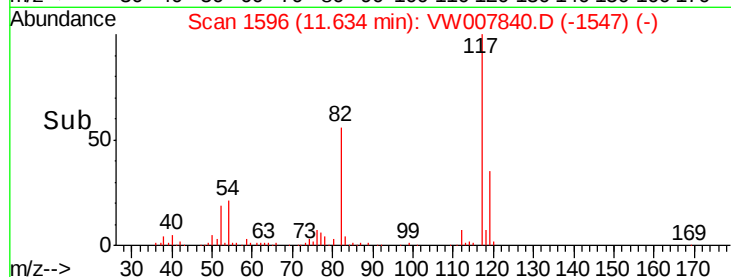
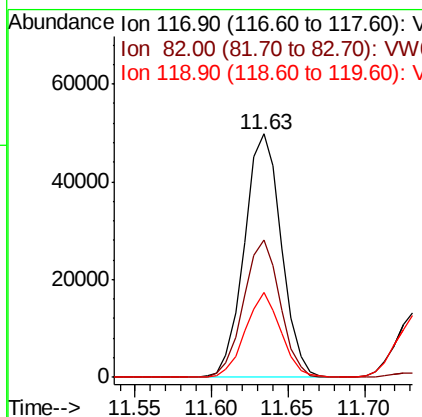
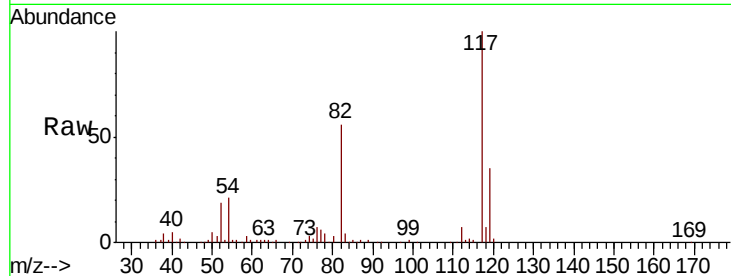
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.3	66.5
119	34.9	25.7	38.5

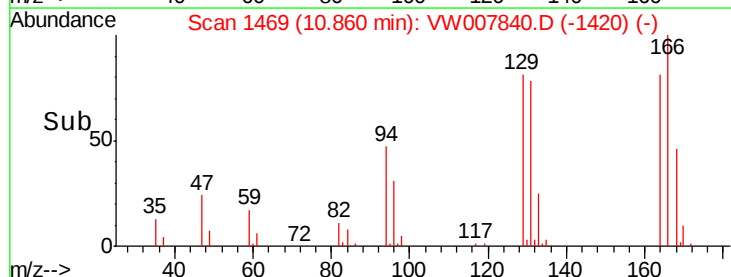
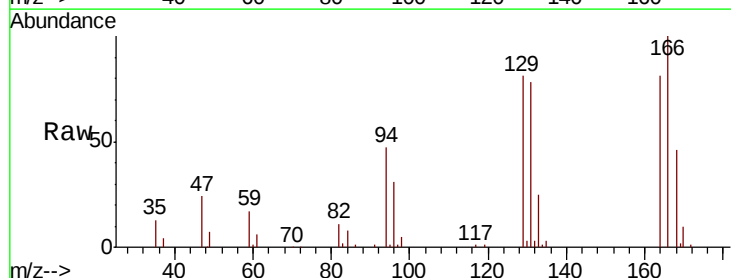
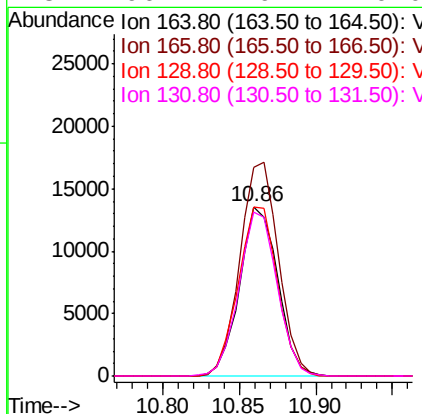
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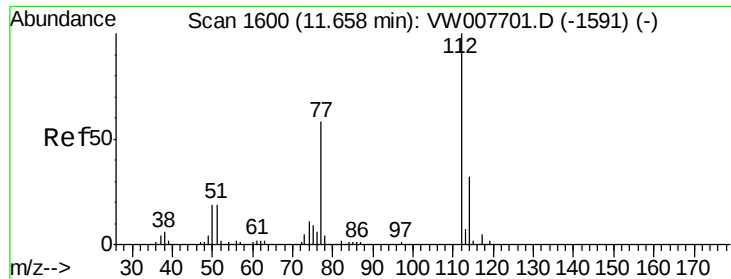
MMDadoda
12/26/2018 11:01:28 AM



#64
Tetrachloroethene
Concen: 39.685 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	101.0	151.6
129	99.6	78.7	118.1
131	96.7	79.4	119.0





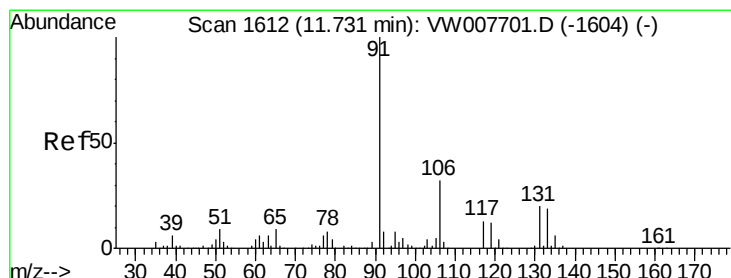
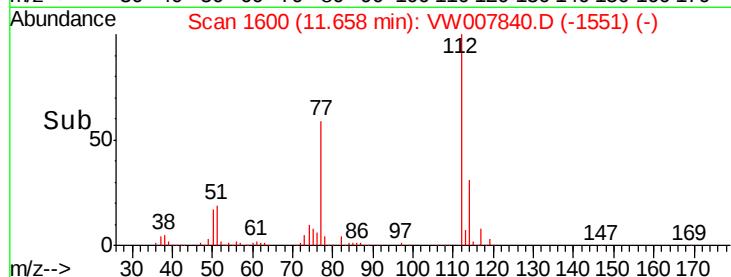
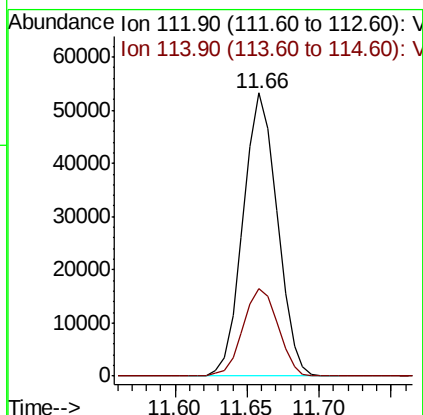
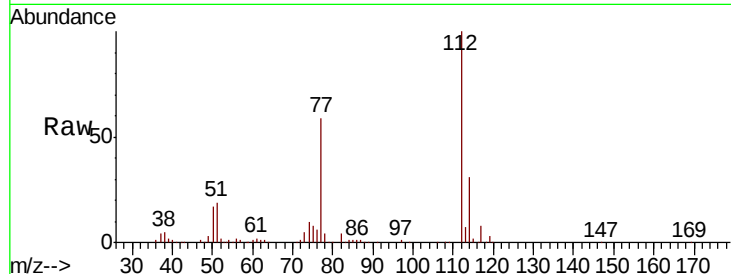
#65
Chlorobenzene
Concen: 48.393 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion:112 Resp: 87634
Ion Ratio Lower Upper
112 100
114 30.9 25.2 37.8

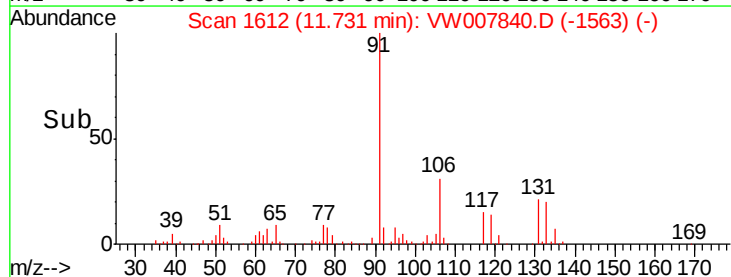
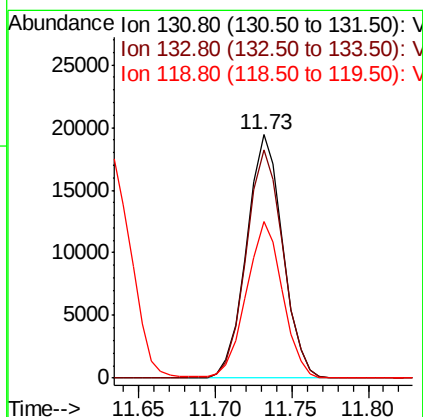
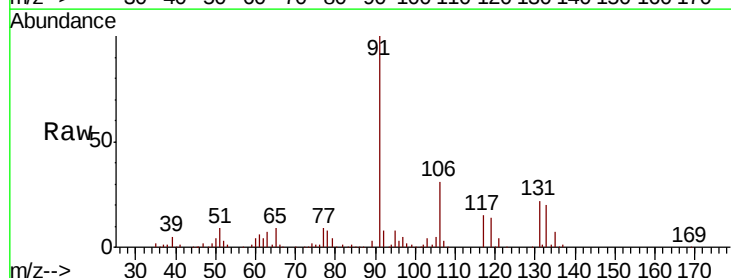
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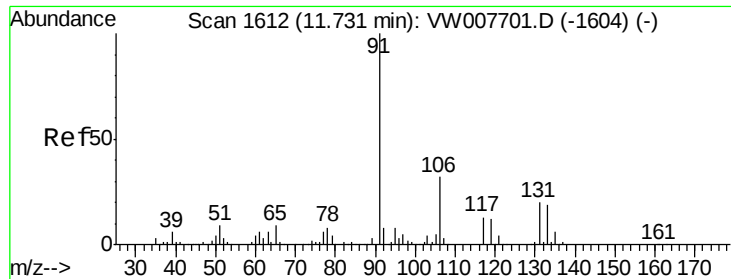
MMDadoda
12/26/2018 11:01:28 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.471 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion:131 Resp: 32011
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 64.5 30.2 90.6





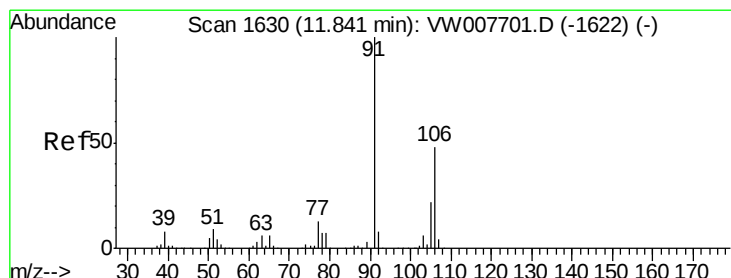
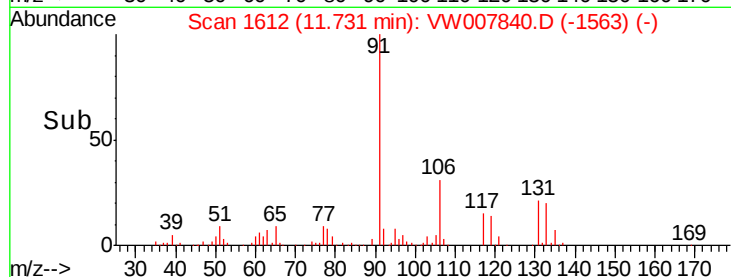
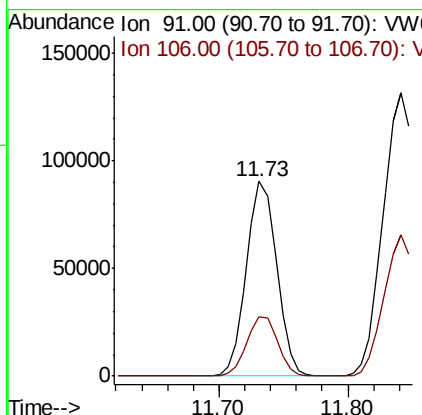
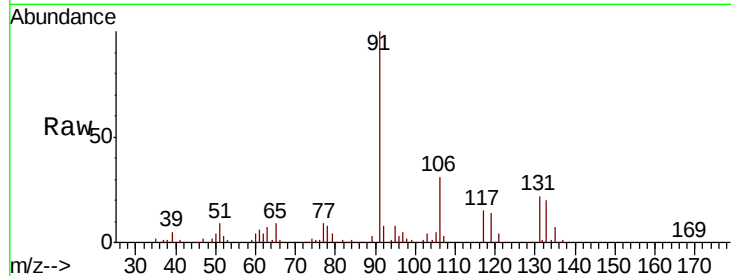
#67
Ethyl Benzene
Concen: 47.314 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion: 91 Resp: 147028
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.8

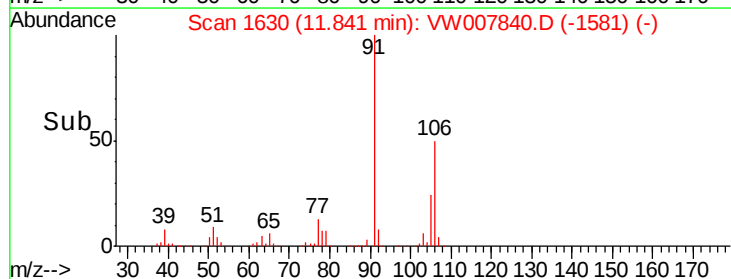
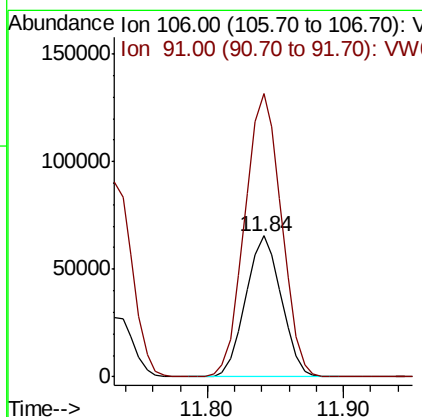
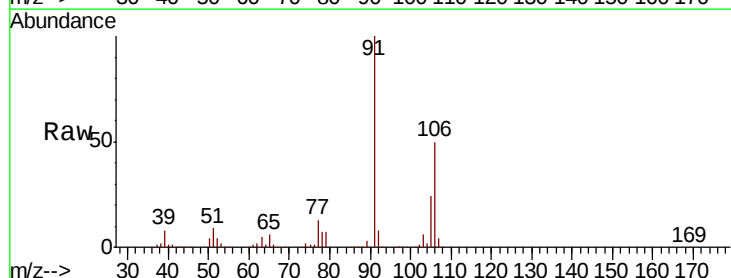
Manual Integrations
APPROVED

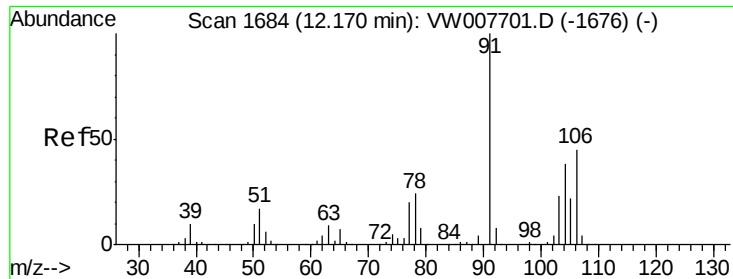
MMDadoda
12/26/2018 11:01:28 AM



#68
m/p-Xylenes
Concen: 99.868 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 106 Resp: 120385
Ion Ratio Lower Upper
106 100
91 205.7 165.2 247.8





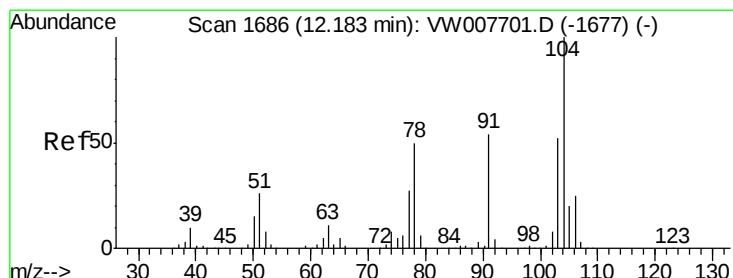
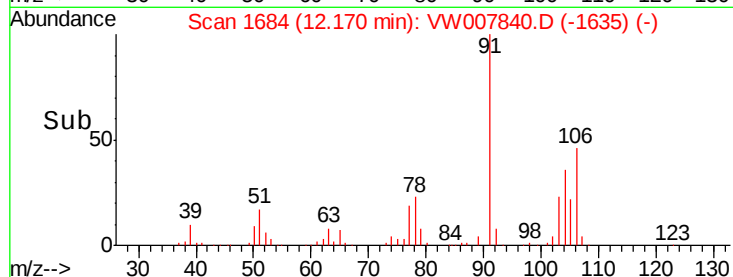
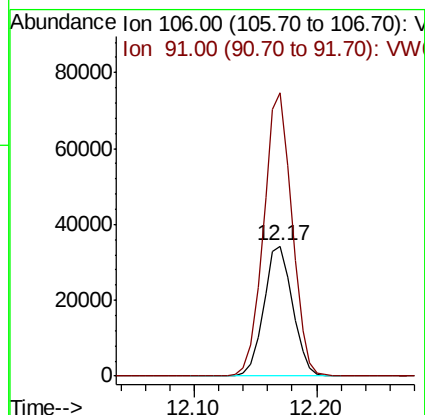
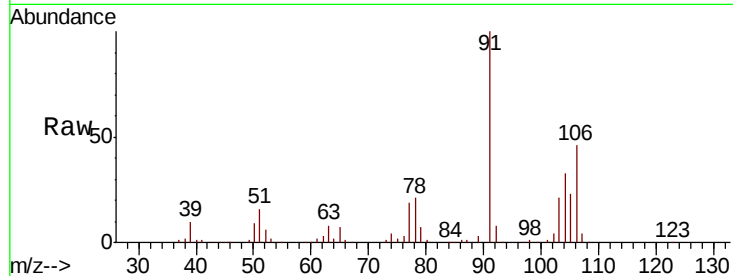
#69
o-Xylene
Concen: 49.678 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion:106 Resp: 56133
Ion Ratio Lower Upper
106 100
91 213.5 110.5 331.4

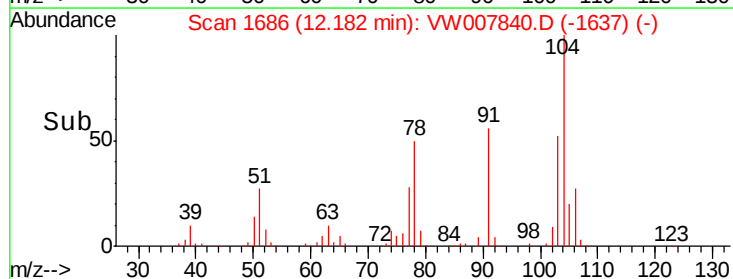
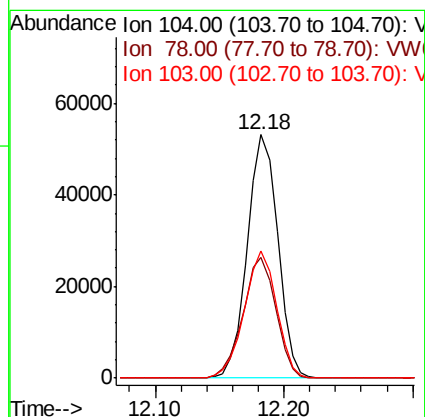
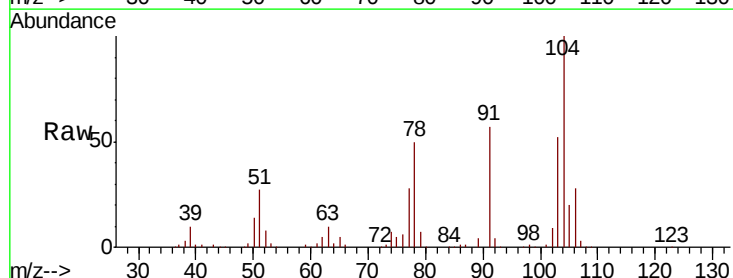
Manual Integrations
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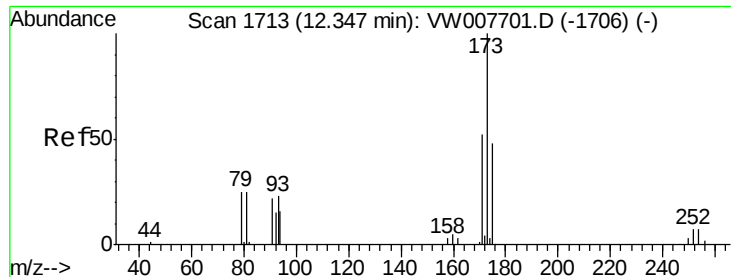
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#70
Styrene
Concen: 46.807 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion:104 Resp: 86939
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 55.3 44.5 66.7





#71

Bromoform

Concen: 46.243 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

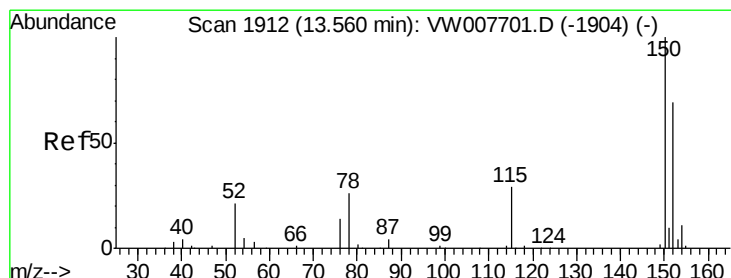
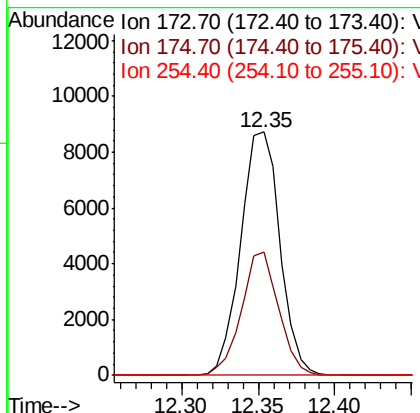
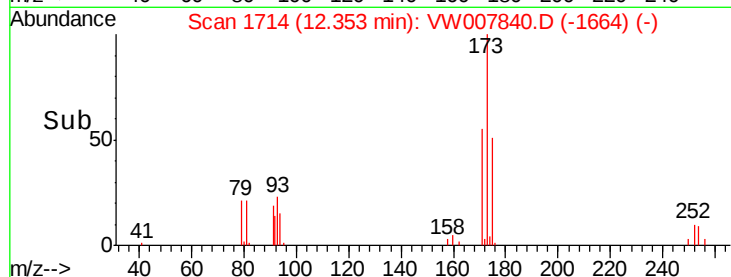
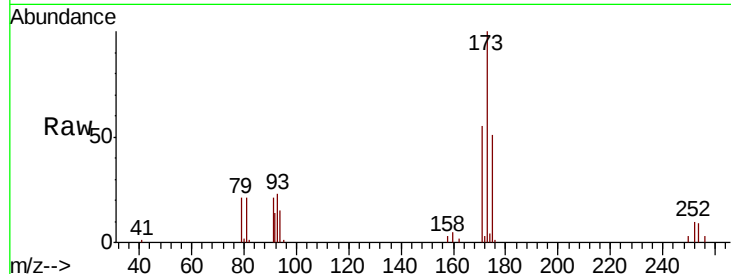
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	173	Resp:	15533
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.9	71.7
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

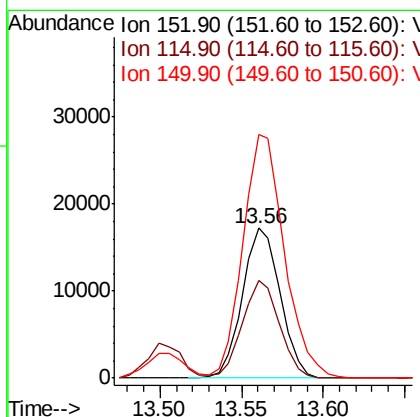
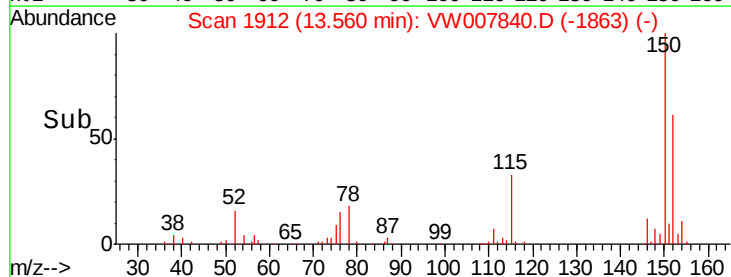
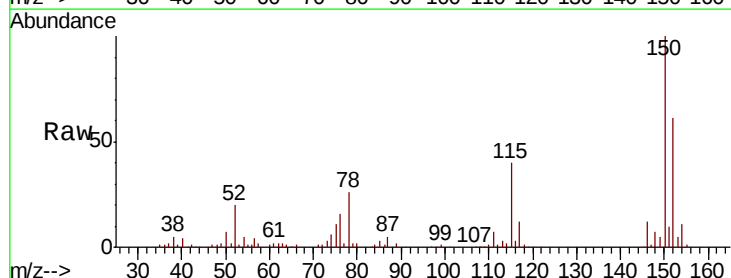
RT: 13.56 min Scan# 1912

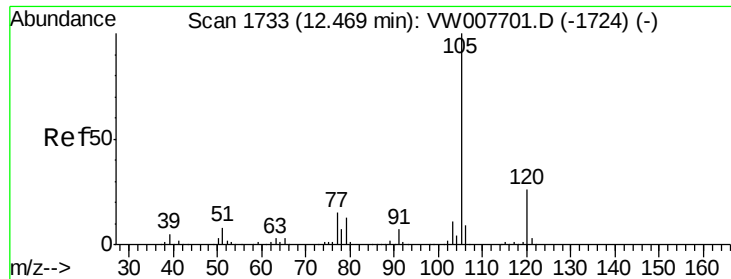
Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Tgt Ion:	152	Resp:	27687
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.8	95.4
150	179.1	0.0	350.8





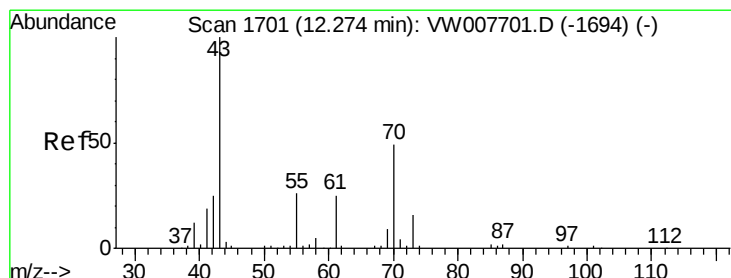
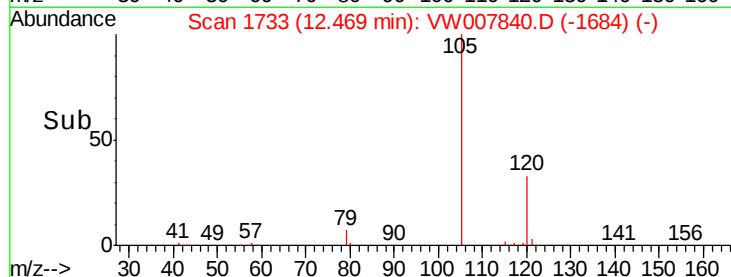
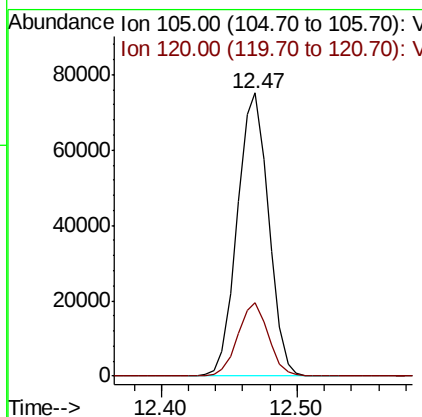
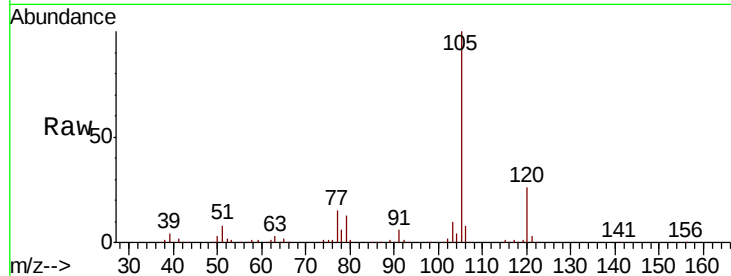
#73
Isopropylbenzene
Concen: 57.530 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion:105 Resp: 120401
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.3

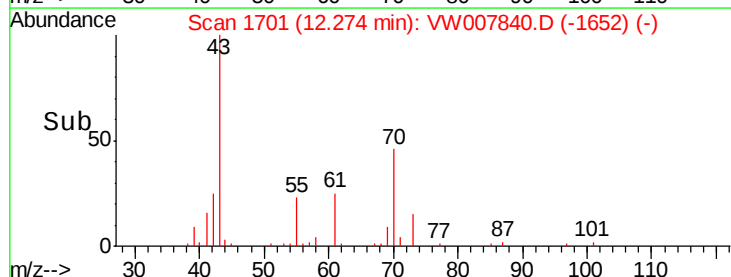
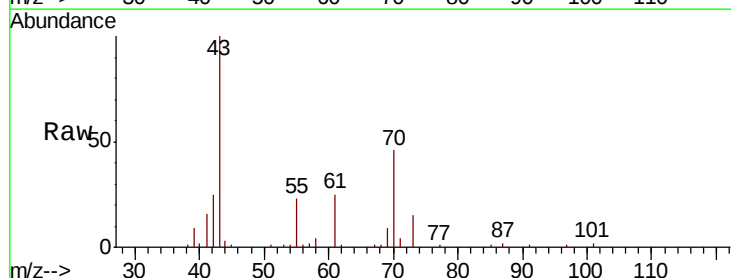
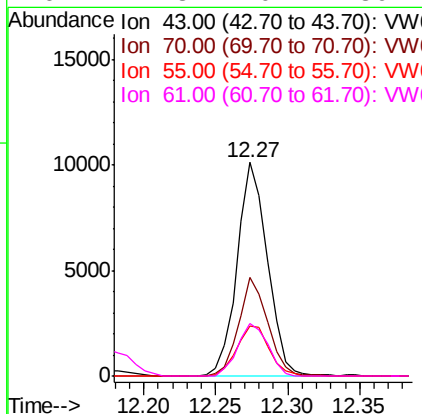
Manual Integrations
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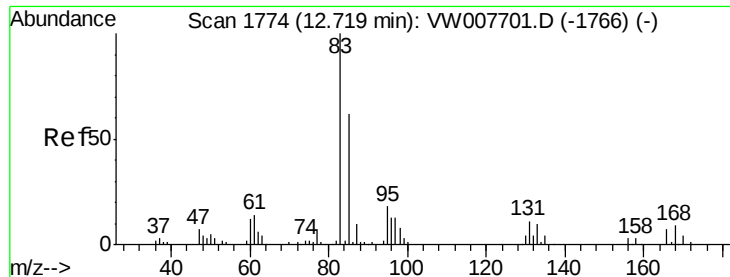
MMDadoda
12/26/2018 11:01:28 AM



#74
N-ethyl acetate
Concen: 40.942 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 43 Resp: 14842
Ion Ratio Lower Upper
43 100
70 44.2 37.6 56.4
55 24.8 21.7 32.5
61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 87.416 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

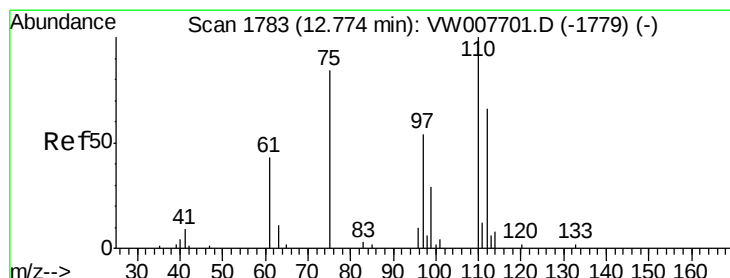
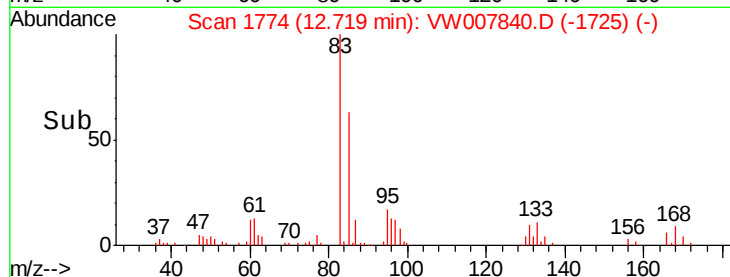
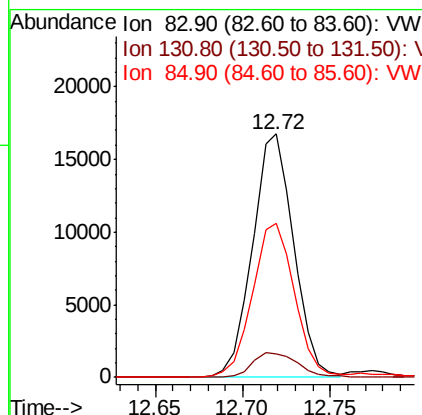
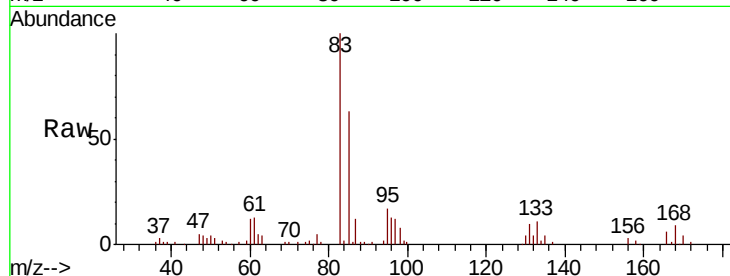
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	83	Resp:	27430
Ion Ratio	Lower	Upper	
83	100		
131	11.4	6.3	18.8
85	64.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 105.998 ug/l m

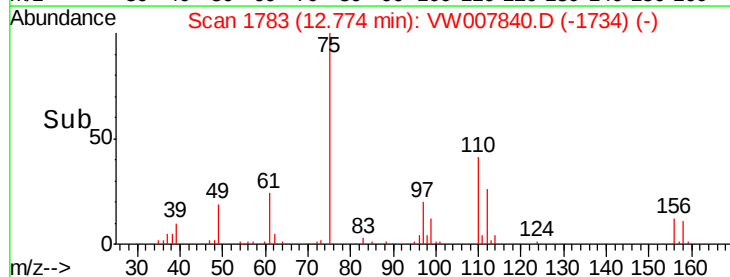
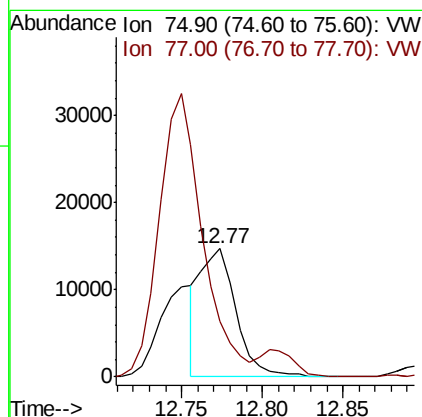
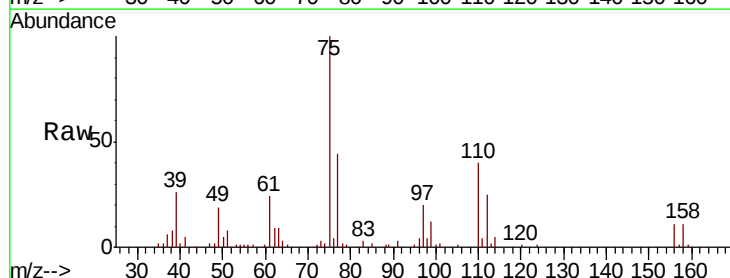
RT: 12.77 min Scan# 1783

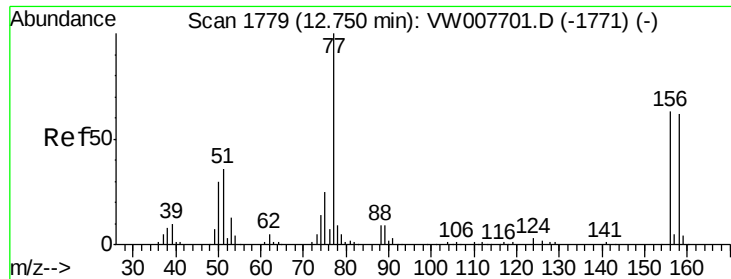
Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Tgt Ion:	75	Resp:	22683
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 66.081 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:156 Resp: 31694

Ion Ratio Lower Upper

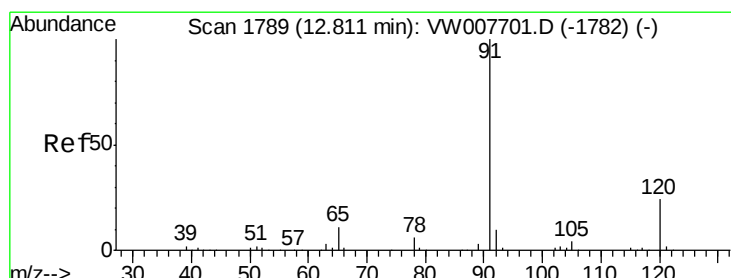
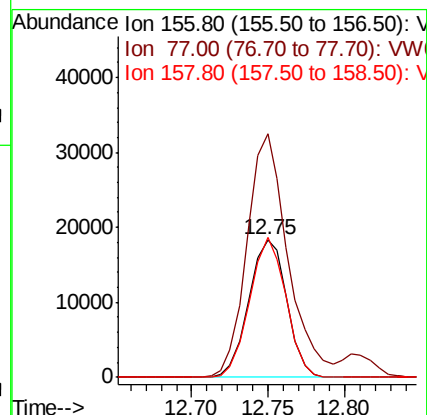
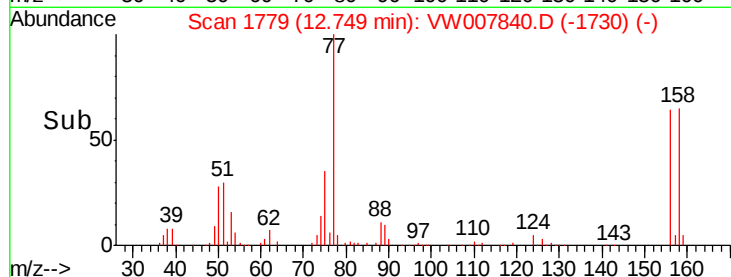
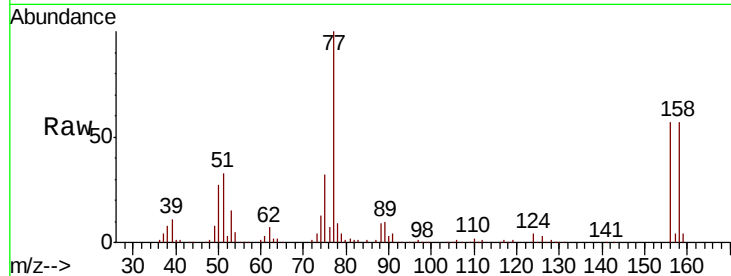
156 100

77 190.6 87.4 262.1

158 96.9 48.4 145.0

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#78

n-propylbenzene

Concen: 50.190 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007840.D

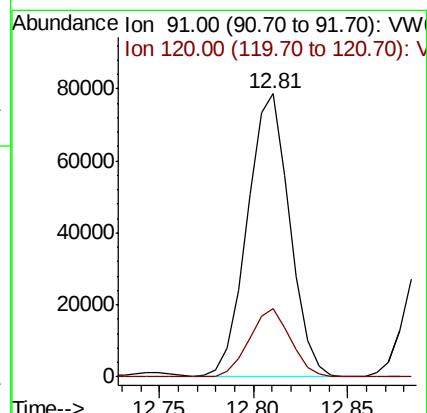
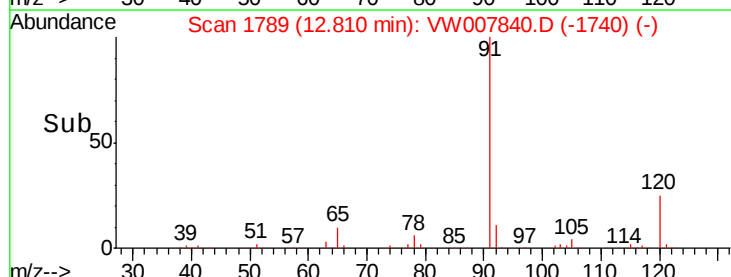
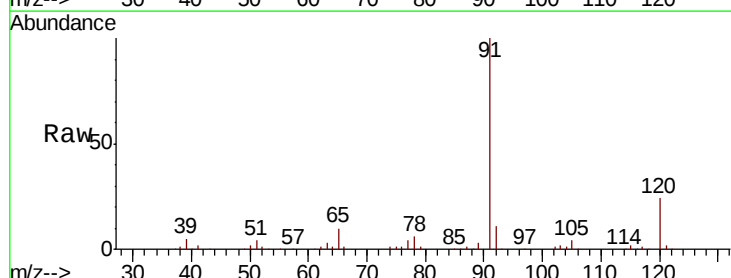
Acq: 22 Dec 2018 13:36

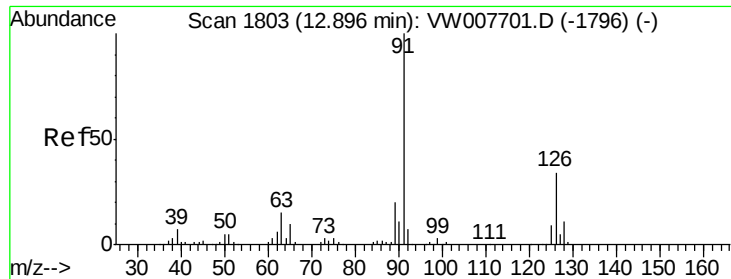
Tgt Ion: 91 Resp: 122272

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.7





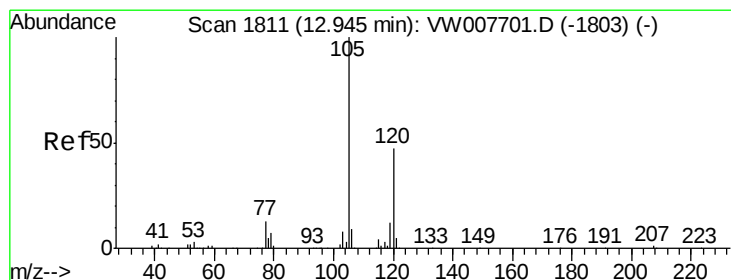
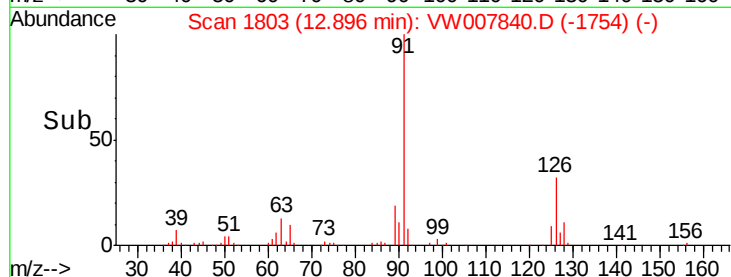
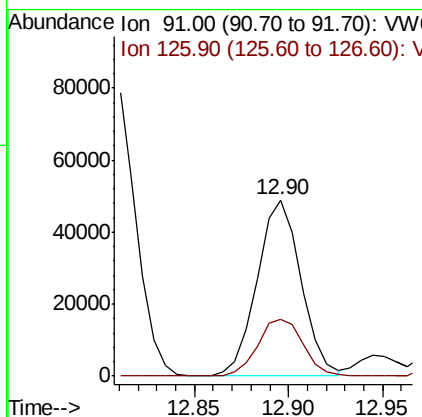
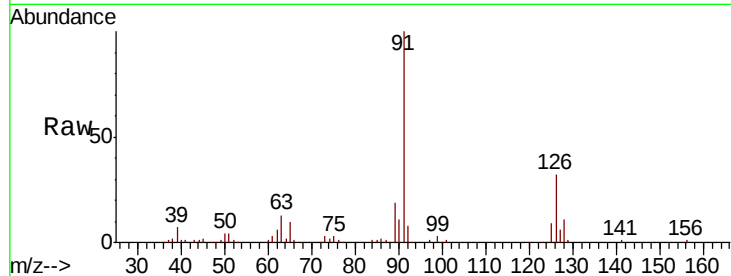
#79
2-Chlorotoluene
Concen: 55.692 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion: 91 Resp: 79038
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0

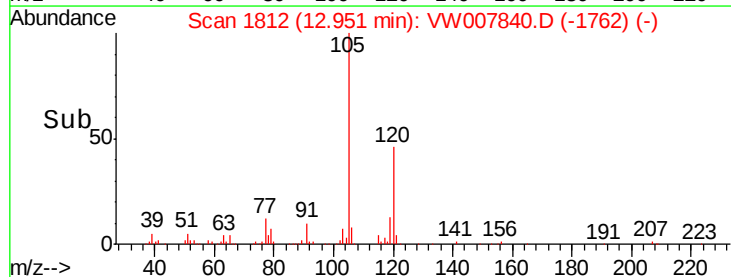
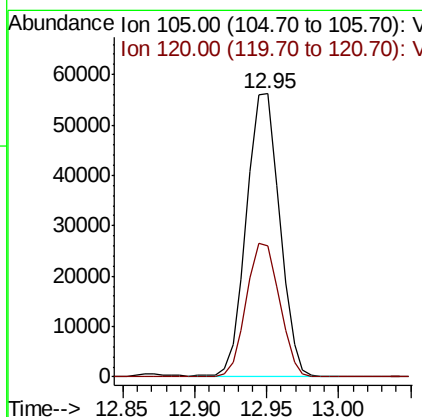
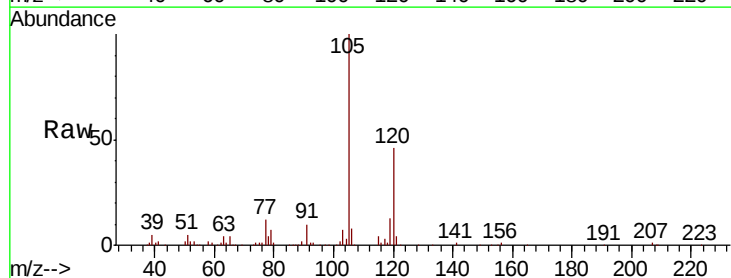
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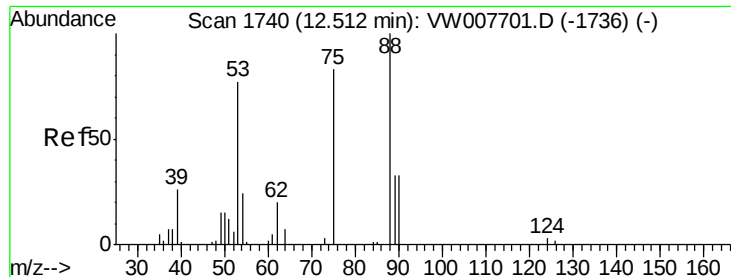
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 49.910 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion: 105 Resp: 90098
Ion Ratio Lower Upper
105 100
120 47.1 23.6 70.8





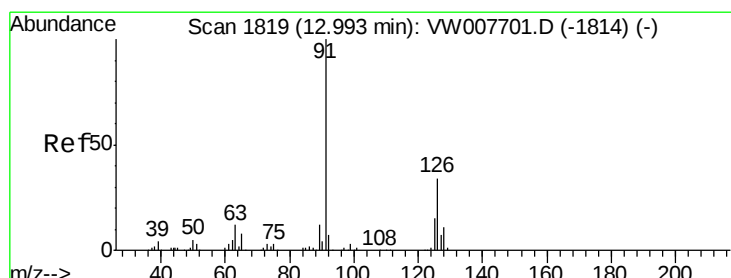
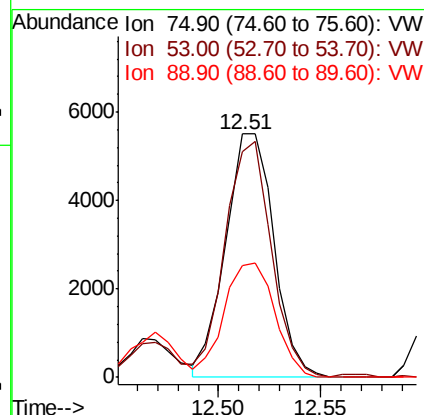
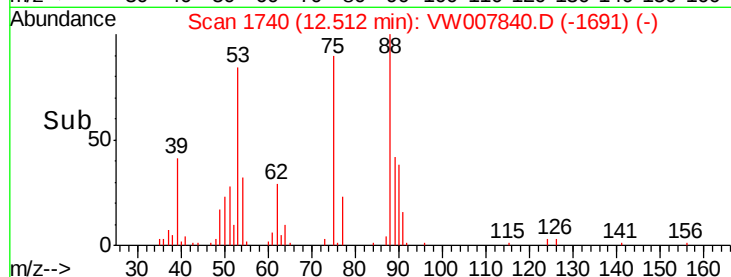
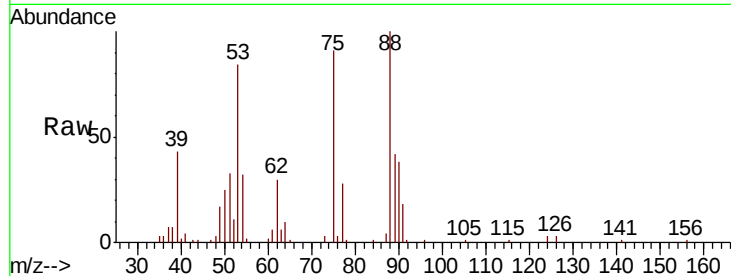
#81
trans-1,4-Dichloro-2-butene
Concen: 88.428 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	80.2	120.2
89	49.6	39.2	58.8

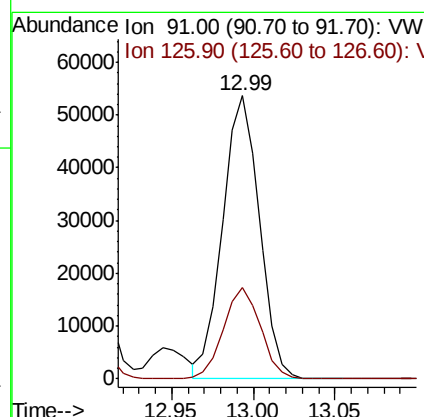
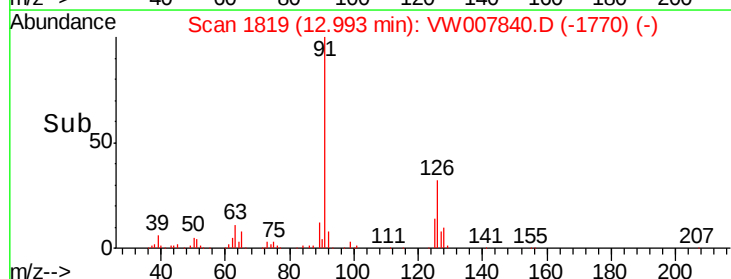
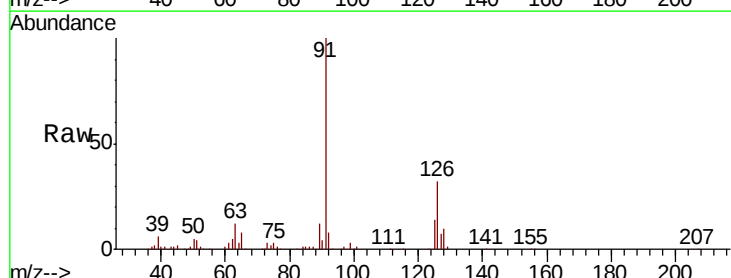
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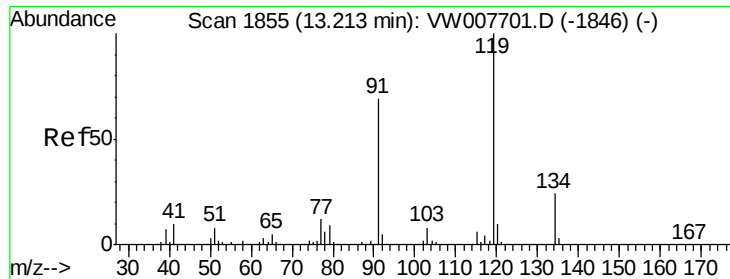
MMDadoda
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#82
4-Chlorotoluene
Concen: 55.705 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.5	49.5





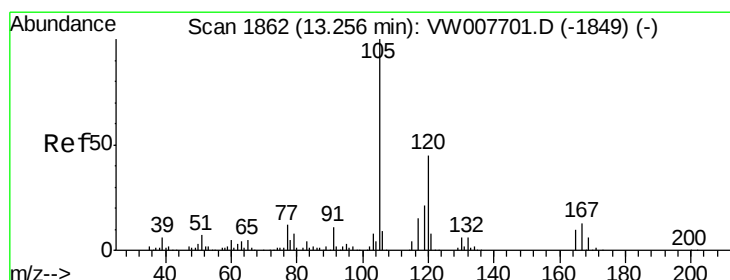
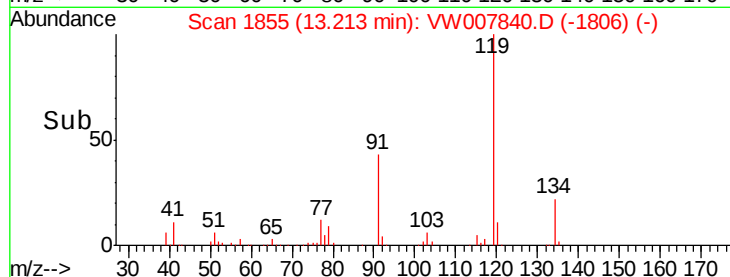
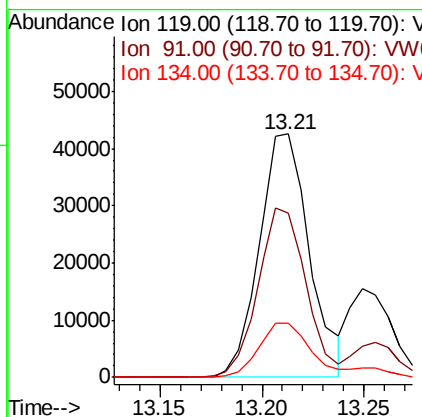
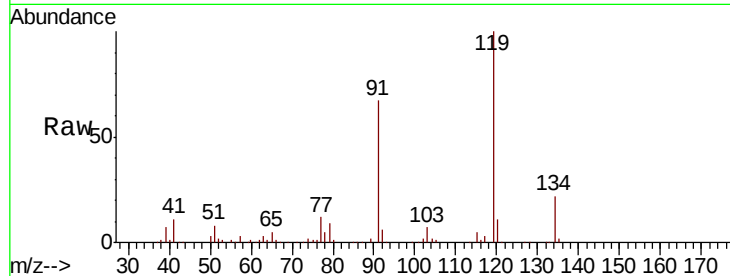
#83
tert-Butylbenzene
Concen: 45.950 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	34.2	102.5
134	23.3	12.8	38.4

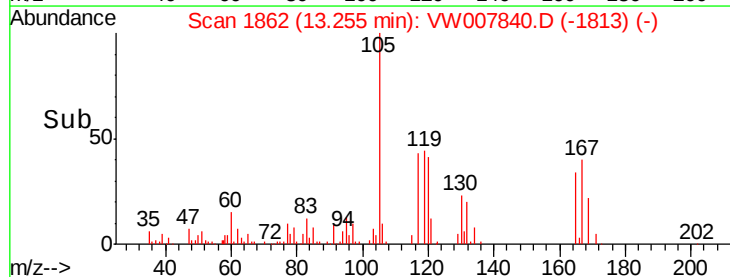
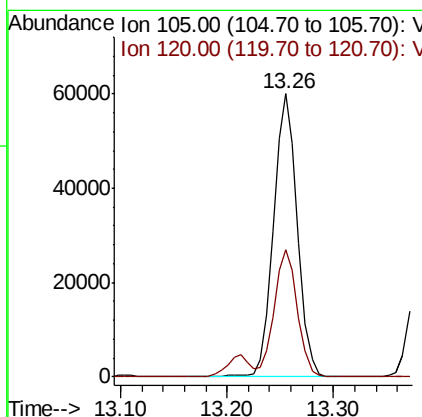
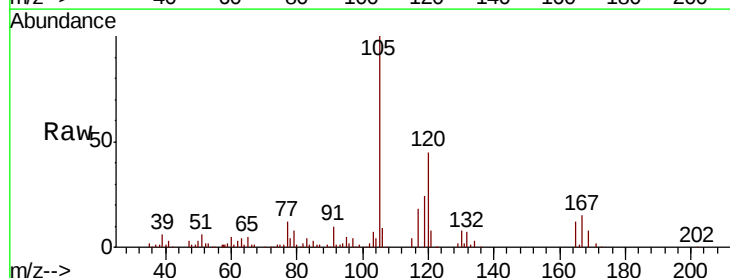
Manual Integrations
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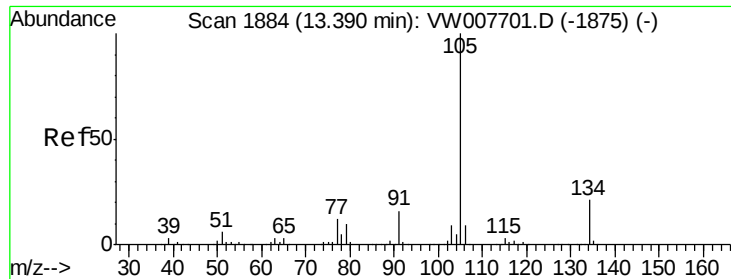
MMDadoda
12/26/2018 11:01:28 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.990 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.0	66.0





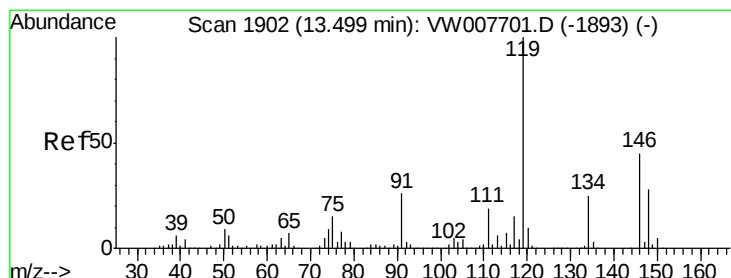
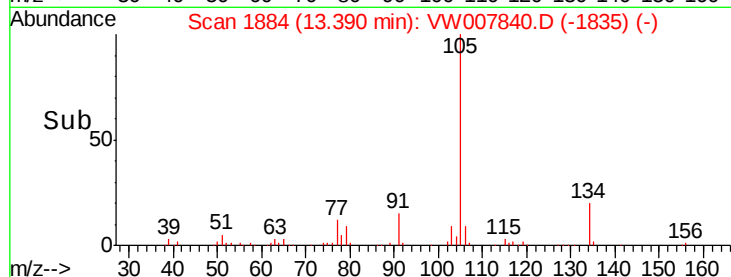
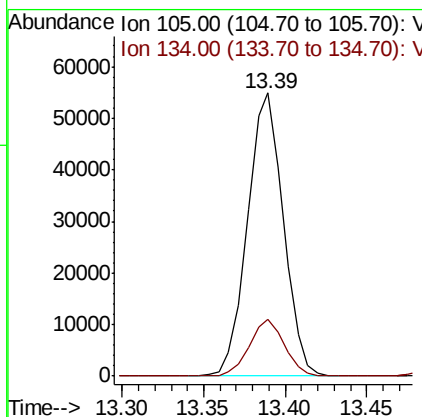
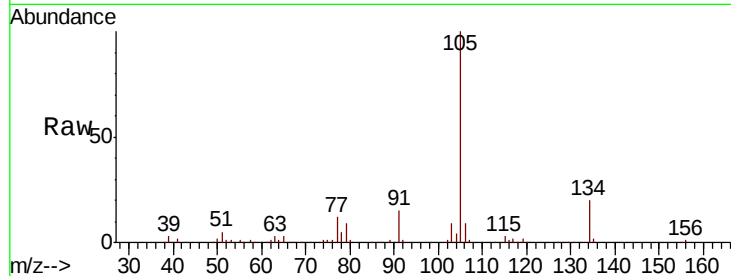
#85
 sec-Butylbenzene
 Concen: 38.551 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.2	30.4

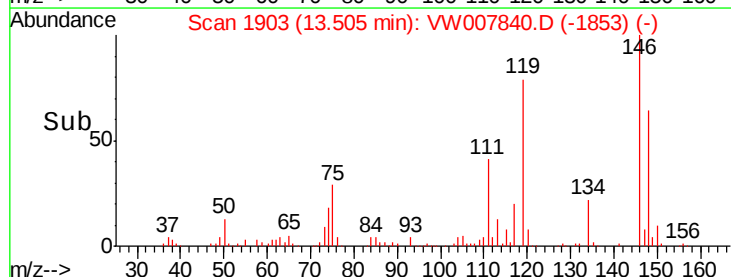
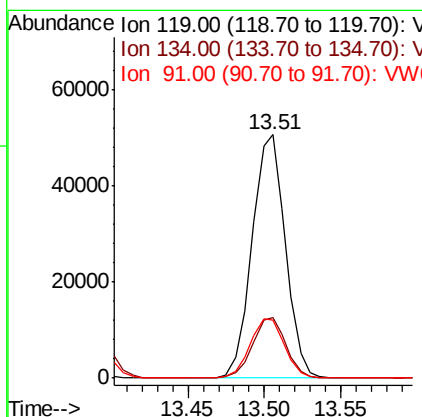
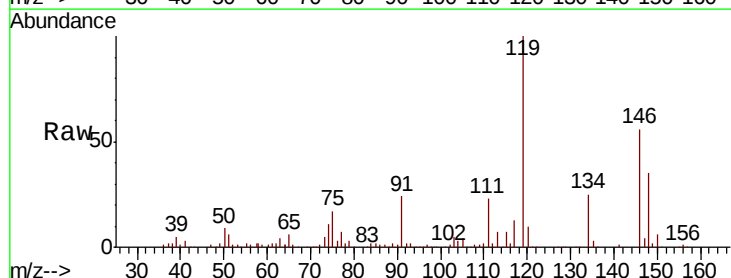
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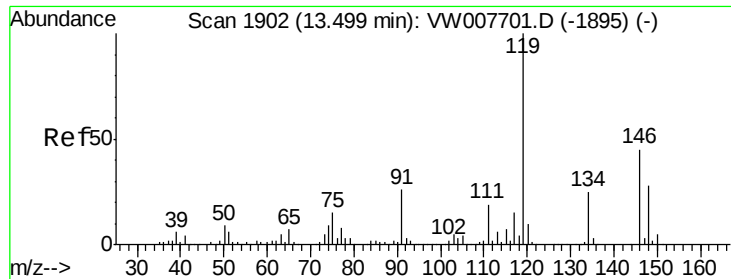
MMDadoda
 12/26/2018 11:01:28 AM



#86
 p-Isopropyltoluene
 Concen: 38.528 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.7	13.0	39.0
91	25.0	12.8	38.4





#87

1,3-Dichlorobenzene

Concen: 47.778 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

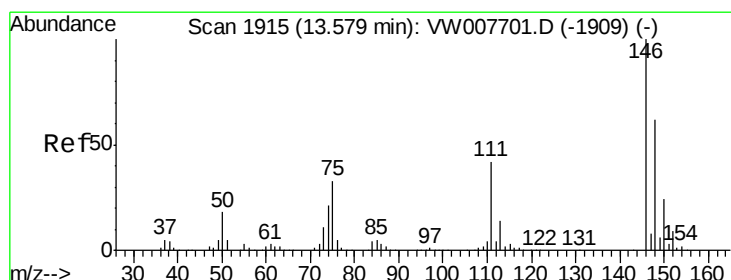
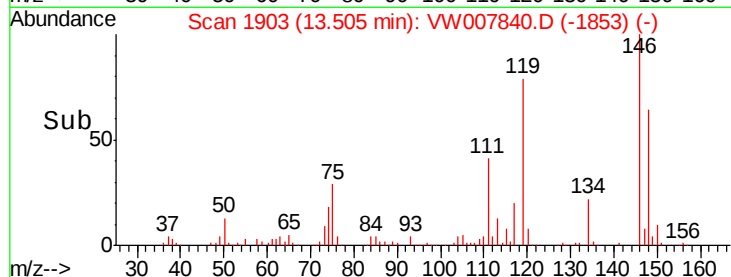
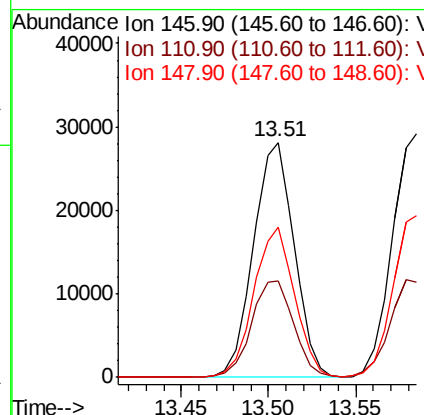
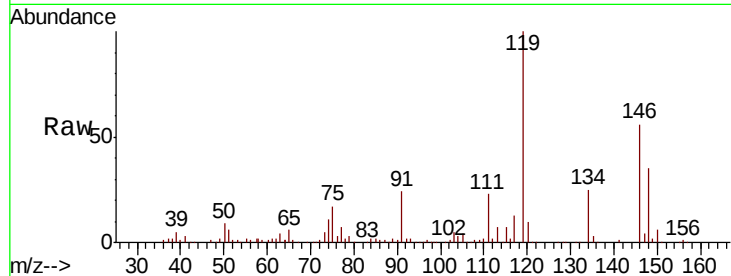
Instrument :
MSVOA_W

ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	63.9	32.1	96.5

Manual Integrations
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12/26/2018 11:01:28 AM



#88

1,4-Dichlorobenzene

Concen: 50.129 ug/l

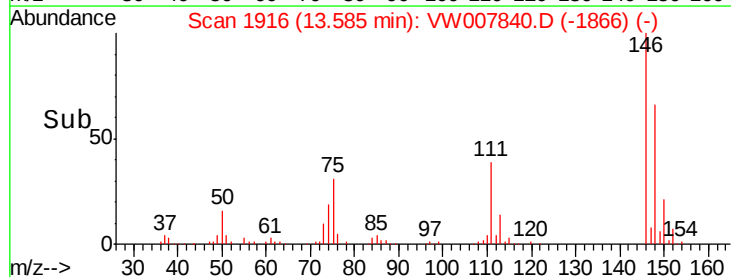
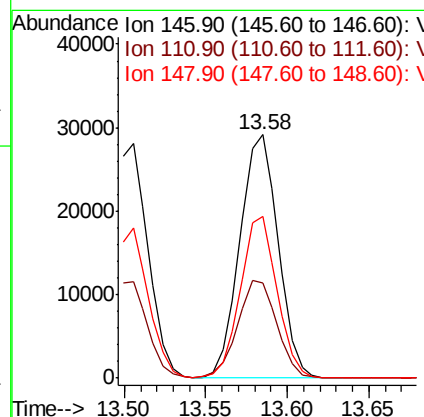
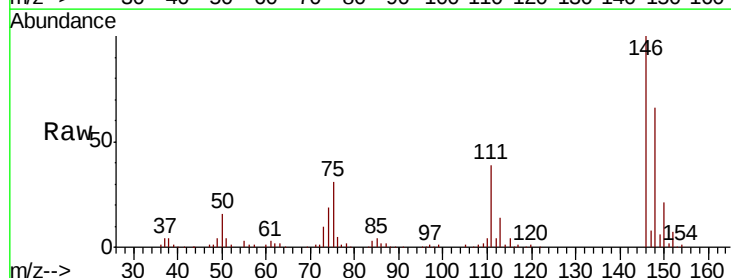
RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007840.D

Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.0	63.0
148	63.6	31.8	95.4





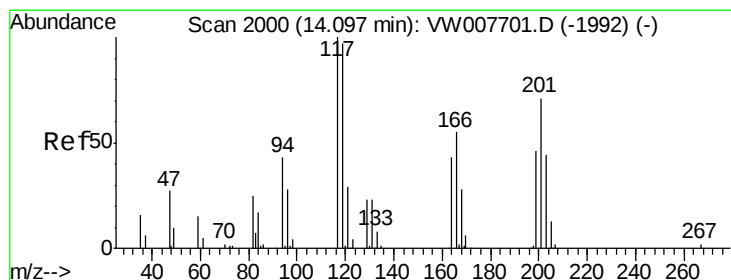
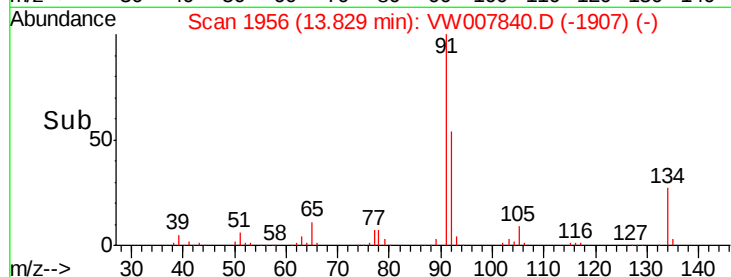
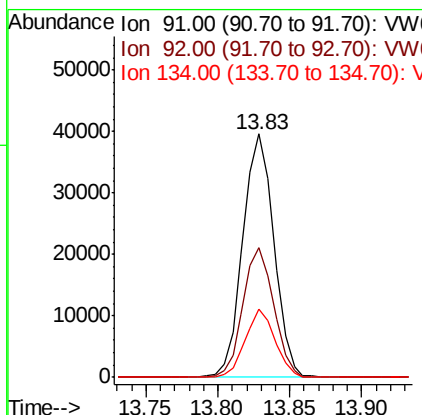
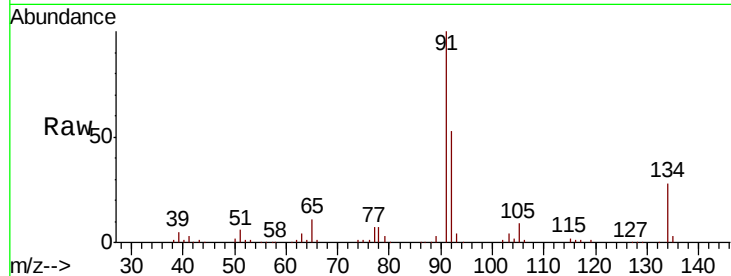
#89
n-Butylbenzene
Concen: 32.566 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	26.7	13.7	41.0

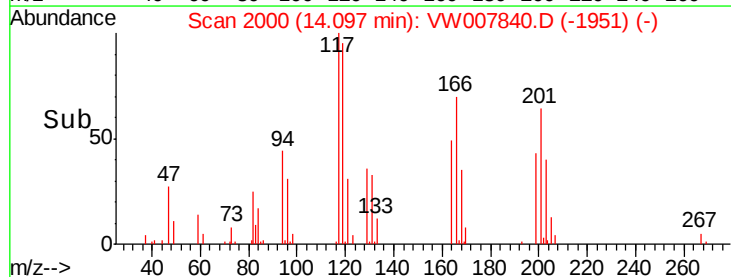
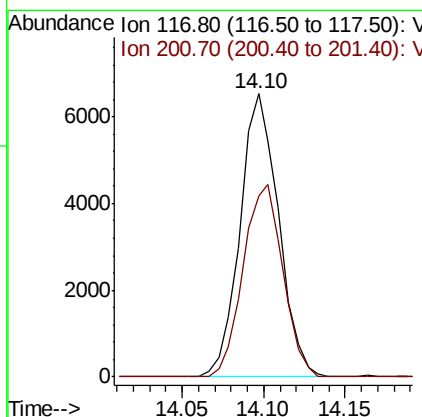
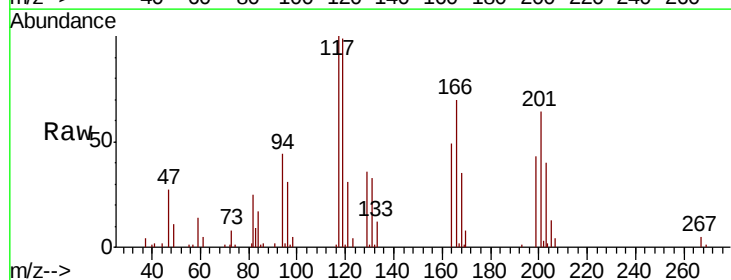
Manual Integrations
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MMDadoda
12/26/2018 11:01:28 AM



#90
Hexachloroethane
Concen: 30.658 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.0	36.2	108.6





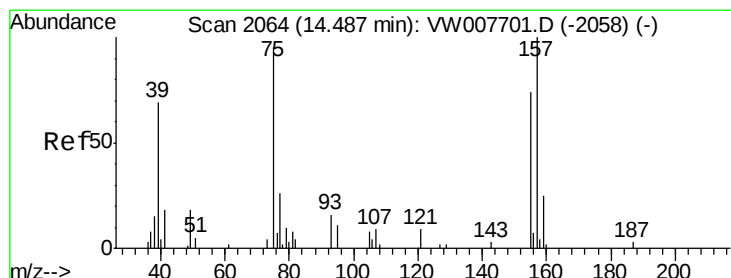
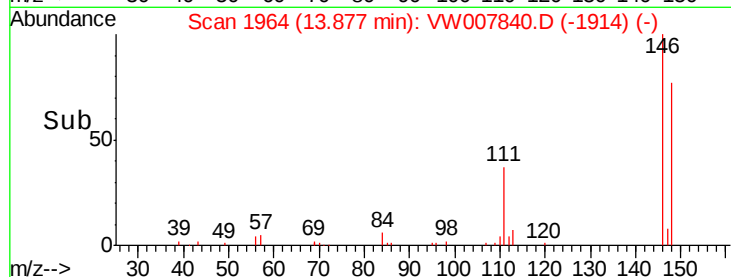
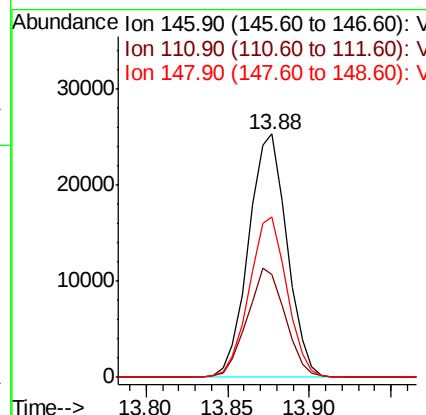
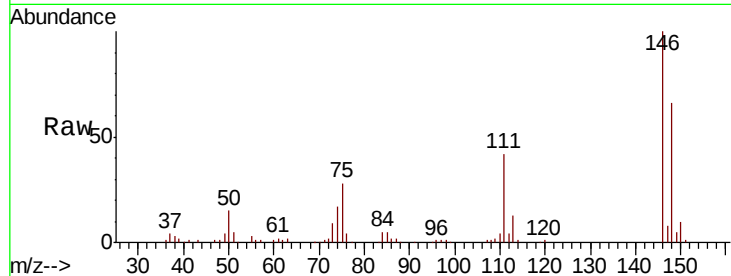
#91
 1,2-Dichlorobenzene
 Concen: 48.723 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion:146 Resp: 41542
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.7 65.1
 148 65.1 32.1 96.5

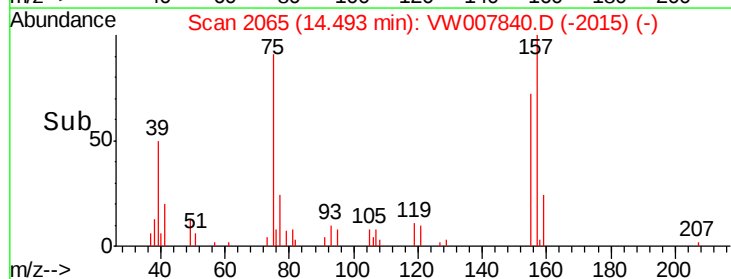
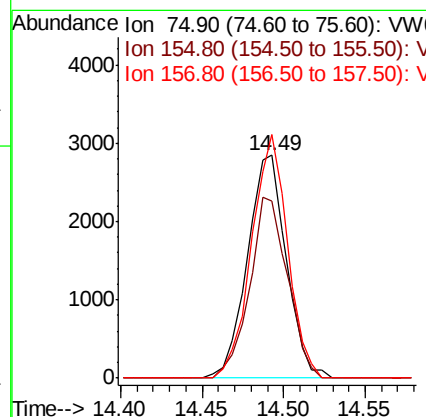
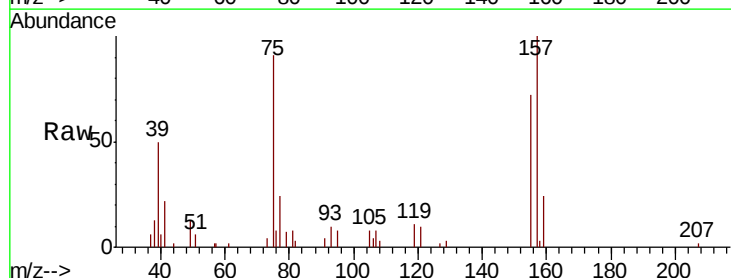
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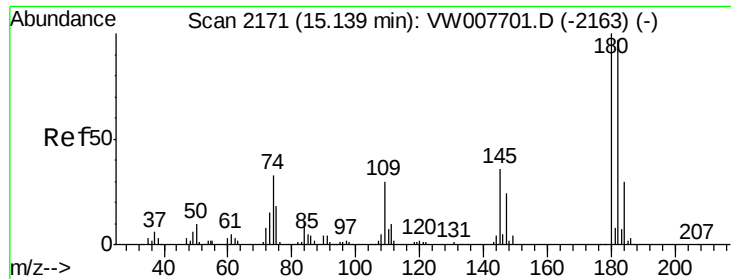
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.355 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007840.D
 Acq: 22 Dec 2018 13:36

Tgt Ion: 75 Resp: 4727
 Ion Ratio Lower Upper
 75 100
 155 79.1 39.4 118.1
 157 101.2 52.0 156.0





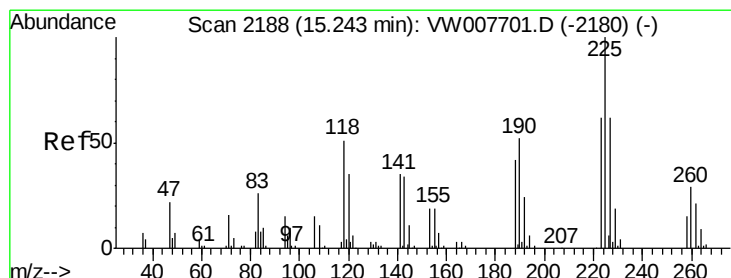
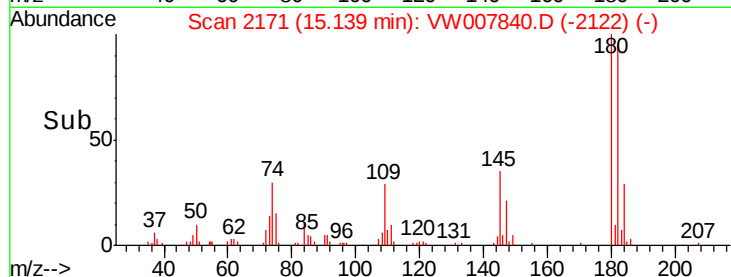
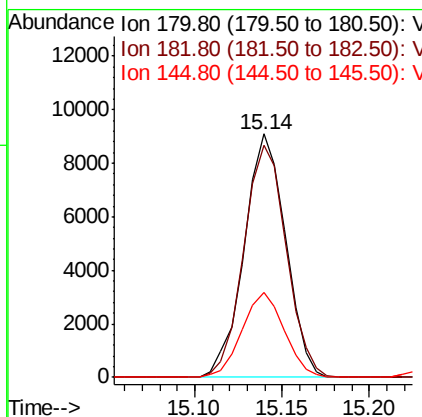
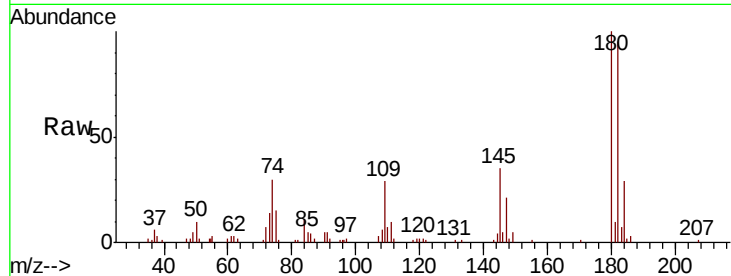
#93
1,2,4-Trichlorobenzene
Concen: 25.334 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.5	142.6
145	35.5	17.5	52.5

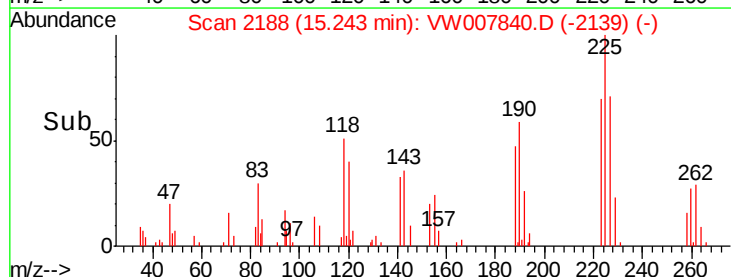
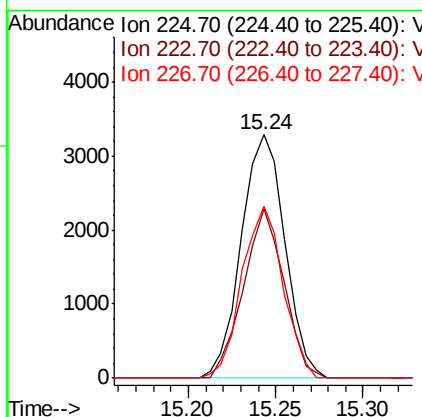
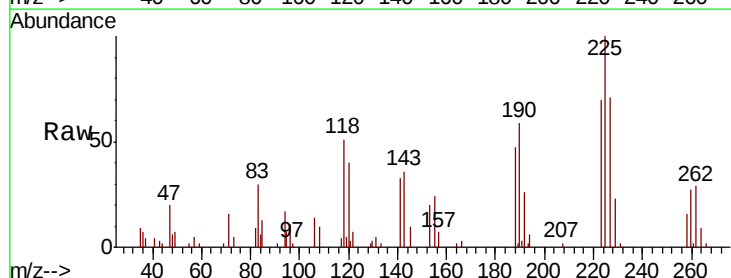
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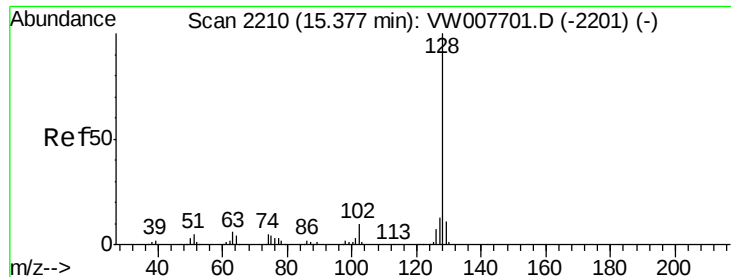
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#94
Hexachlorobutadiene
Concen: 18.037 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.6	94.8
227	66.7	32.1	96.3





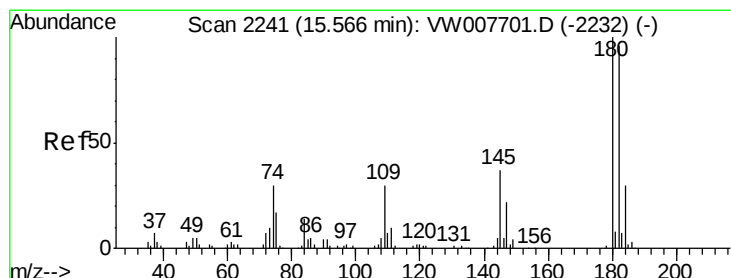
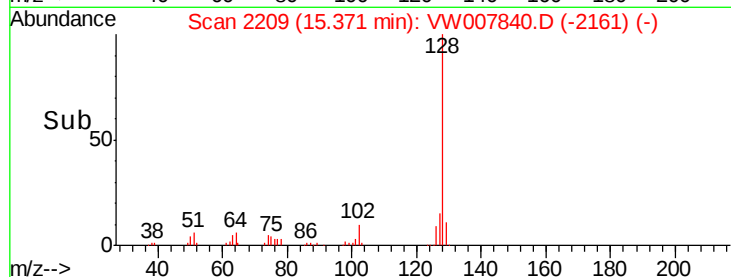
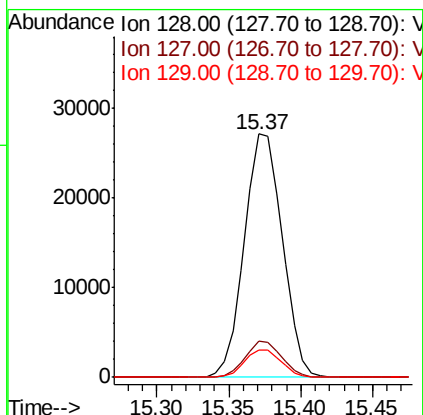
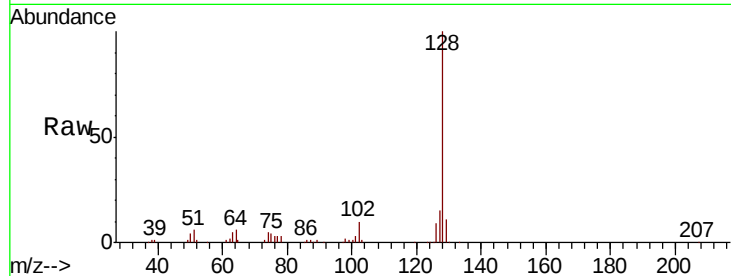
#95
Naphthalene
Concen: 45.535 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.7	16.1
129	11.1	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 23.059 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007840.D
Acq: 22 Dec 2018 13:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	37.0	18.4	55.0

