

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007894.D
 Acq On : 24 Dec 2018 17:35
 Operator : SY/AP
 Sample : J6446-14MS
 Misc : 3.84G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:39:09 PM

Quant Time: Dec 25 03:35:36 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	58536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	96614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	69856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	36359	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
35) Dibromofluoromethane	7.88	113	30621	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.32	98	95838	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
62) 4-Bromofluorobenzene	12.62	95	26939	31.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25776	49.533	ug/l	93
3) Chloromethane	2.21	50	23710	74.200	ug/l	95
4) Vinyl Chloride	2.37	62	28059	68.981	ug/l	96
5) Bromomethane	2.78	94	17527	61.864	ug/l	98
6) Chloroethane	2.93	64	15412	70.822	ug/l	97
7) Trichlorofluoromethane	3.26	101	19222	45.390	ug/l	95
8) Diethyl Ether	3.68	74	15999	61.680	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	4.06	101	27679	44.380	ug/l	98
10) Methyl Iodide	4.27	142	46823	47.208	ug/l	97
11) Tert butyl alcohol	5.18	59	11633	268.787	ug/l	99
12) 1,1-Dichloroethene	4.04	96	29099	50.385	ug/l	96
13) Acrolein	3.90	56	3170	91.606	ug/l	99
14) Allyl chloride	4.66	41	45620	60.236	ug/l	92
15) Acrylonitrile	5.37	53	29721	268.615	ug/l	99
16) Acetone	4.12	43	24202	201.445	ug/l	98
17) Carbon Disulfide	4.37	76	80218	44.885	ug/l	98
18) Methyl Acetate	4.67	43	45531	159.353	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	54219	65.394	ug/l	93
20) Methylene Chloride	4.91	84	31205	52.216	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	31335	49.333	ug/l	98
22) Diisopropyl ether	6.31	45	93263	65.766	ug/l	97
23) Vinyl Acetate	6.26	43	60072	71.299	ug/l	97
24) 1,1-Dichloroethane	6.21	63	57132	54.764	ug/l	99
25) 2-Butanone	7.17	43	37302	265.076	ug/l	92
26) 2,2-Dichloropropane	7.17	77	38959	51.033	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	34505	50.989	ug/l	96
28) Bromochloromethane	7.51	49	19334	54.355	ug/l	88
29) Tetrahydrofuran	7.53	42	25968	309.370	ug/l	94
30) Chloroform	7.68	83	58783	49.789	ug/l	97
31) Cyclohexane	7.96	56	38345	40.149	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	50272	46.753	ug/l	98
36) 1,1-Dichloropropene	8.08	75	40087	42.989	ug/l	98
37) Ethyl Acetate	7.26	43	11688	36.319	ug/l	99
38) Carbon Tetrachloride	8.07	117	43408	39.527	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35397	30.548	ug/l	97
40) Benzene	8.32	78	121111	48.671	ug/l	99
41) Methacrylonitrile	7.48	41	7966	43.598	ug/l	95
42) 1,2-Dichloroethane	8.40	62	40540	48.615	ug/l	98
43) Isopropyl Acetate	8.43	43	27191	42.173	ug/l	97
44) Trichloroethene	9.09	130	31075	41.295	ug/l	98
45) 1,2-Dichloropropane	9.37	63	29244	52.965	ug/l	100
46) Dibromomethane	9.46	93	15405	45.324	ug/l	97
47) Bromodichloromethane	9.65	83	39699	44.429	ug/l	99
48) Methyl methacrylate	9.44	41	21627	67.200	ug/l	90
49) 1,4-Dioxane	9.45	88	5017	931.022	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	84801	278.304	ug/l	97
52) Toluene	10.39	92	70423	42.182	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	38861	43.725	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	44595	45.426	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	21220	45.288	ug/l	98
56) Ethyl methacrylate	10.65	69	17395	31.421	ug/l	92
57) 1,3-Dichloropropane	10.93	76	36518	46.934	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	61004	241.350	ug/l	98
59) 2-Hexanone	10.97	43	54819	255.816	ug/l	97
60) Dibromochloromethane	11.13	129	24031	38.734	ug/l	99
61) 1,2-Dibromoethane	11.24	107	20168	42.504	ug/l	100
64) Tetrachloroethene	10.87	164	20704	41.854	ug/l	98
65) Chlorobenzene	11.66	112	68437	45.263	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	26262	48.610	ug/l	97
67) Ethyl Benzene	11.73	91	121128	46.685	ug/l	95
68) m/p-Xylenes	11.84	106	90898	90.314	ug/l	100
69) o-Xylene	12.17	106	44075	46.718	ug/l	99
70) Styrene	12.18	104	67775	43.703	ug/l	100
71) Bromoform	12.35	173	11216	39.992	ug/l #	99
73) Isopropylbenzene	12.47	105	111706	63.227	ug/l	99
74) N-amyl acetate	12.27	43	14478	47.310	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	19936	75.260	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	16115m	89.205	ug/l	
77) Bromobenzene	12.75	156	24146	59.636	ug/l	90
78) n-propylbenzene	12.80	91	117528	57.147	ug/l	99
79) 2-Chlorotoluene	12.90	91	68869	57.483	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	86957	57.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6245	72.564	ug/l	99
82) 4-Chlorotoluene	12.99	91	71153	55.777	ug/l	98
83) tert-Butylbenzene	13.21	119	77363	57.857	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	86967	56.555	ug/l	99
85) sec-Butylbenzene	13.39	105	92094	49.975	ug/l	99
86) p-Isopropyltoluene	13.51	119	81784	48.806	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	39033	48.554	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	38797	48.246	ug/l	100
89) n-Butylbenzene	13.83	91	63203	41.137	ug/l	99
90) Hexachloroethane	14.10	117	13246	45.026	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	33714	46.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3427	62.997	ug/l	98

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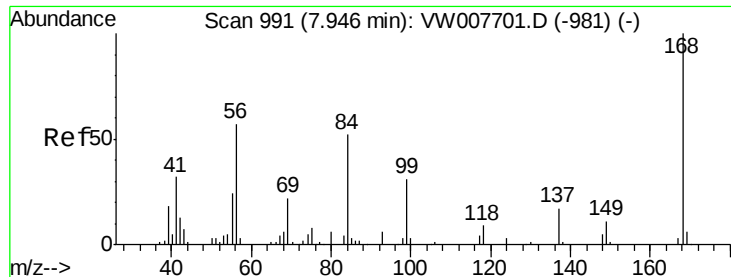
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	15322	30.667	ug/l	96
94) Hexachlorobutadiene	15.24	225	7338	27.482	ug/l	98
95) Naphthalene	15.38	128	36223	39.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	11914	27.857	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:168 Resp: 58536

Ion Ratio Lower Upper

168 100

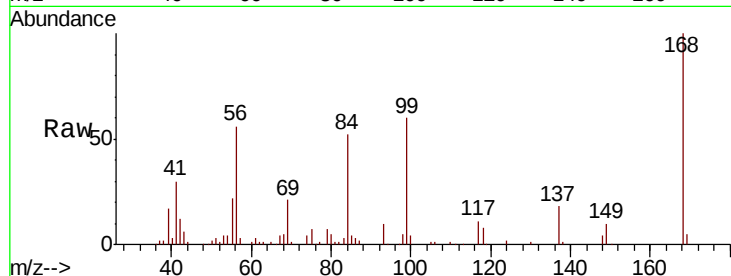
99 60.0 54.0 81.0

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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

25000

20000

15000

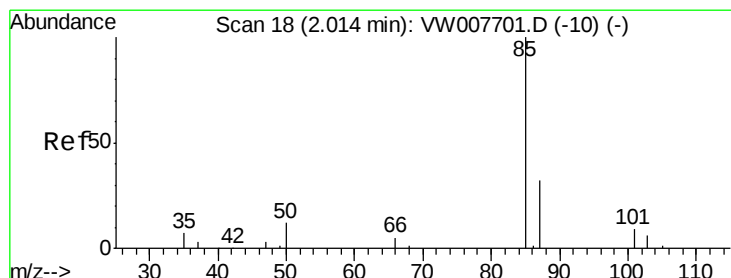
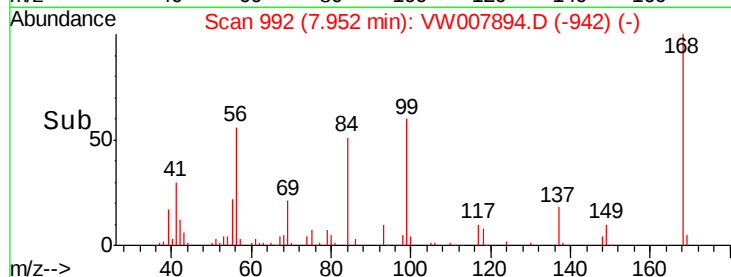
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 49.533 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007894.D

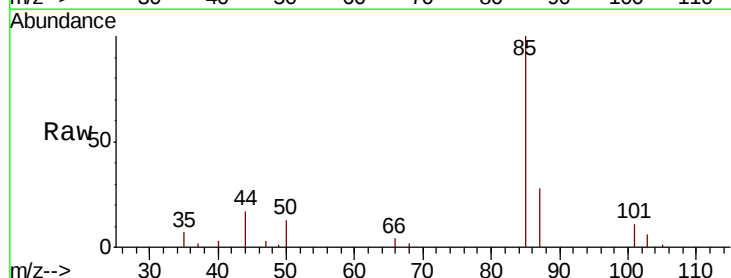
Acq: 24 Dec 2018 17:35

Tgt Ion: 85 Resp: 25776

Ion Ratio Lower Upper

85 100

87 28.5 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

8000

6000

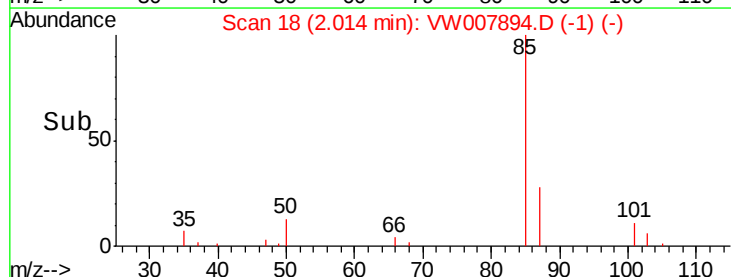
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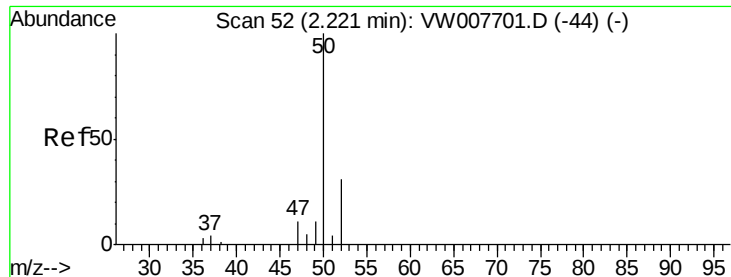
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 74.200 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion: 50 Resp: 23710

Ion Ratio Lower Upper

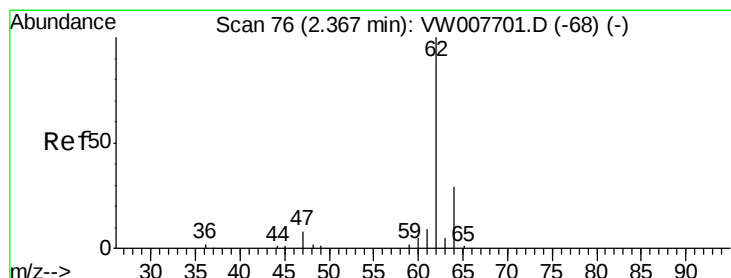
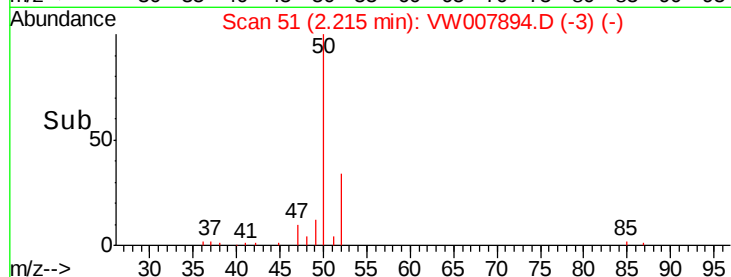
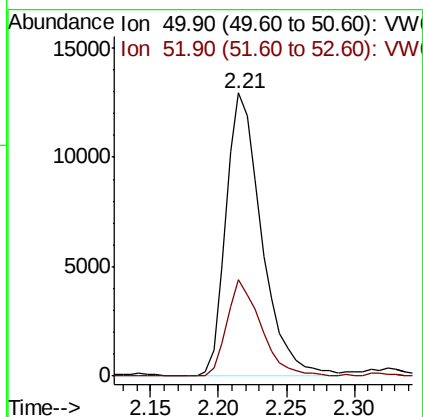
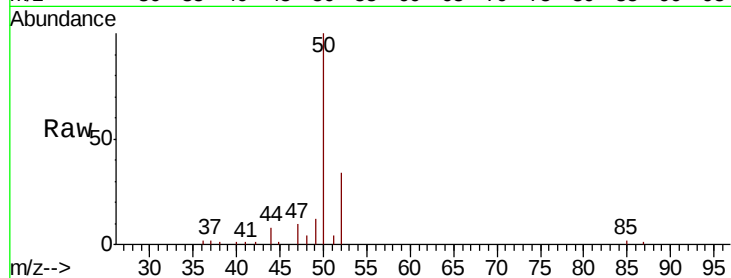
50 100

52 34.2 25.1 37.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 68.981 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007894.D

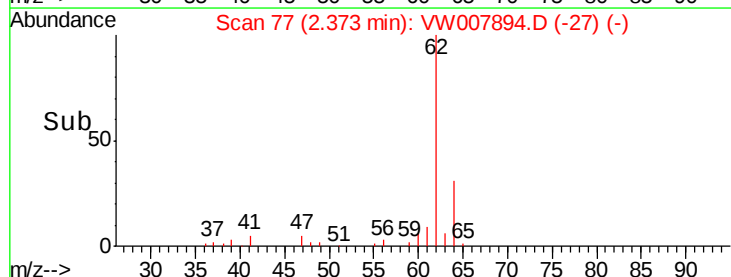
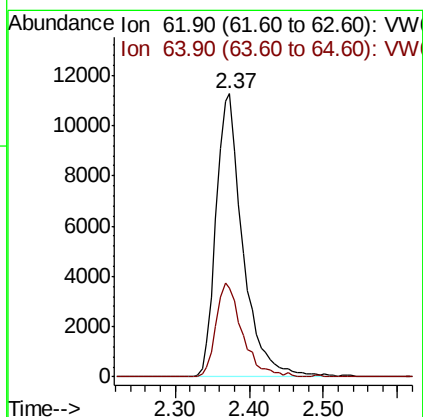
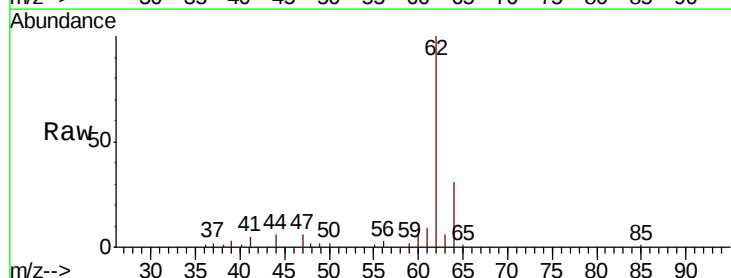
Acq: 24 Dec 2018 17:35

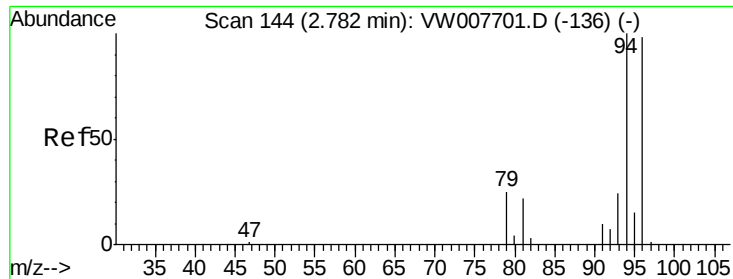
Tgt Ion: 62 Resp: 28059

Ion Ratio Lower Upper

62 100

64 31.4 23.4 35.0





#5

Bromomethane

Concen: 61.864 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 17527

Ion Ratio Lower Upper

94 100

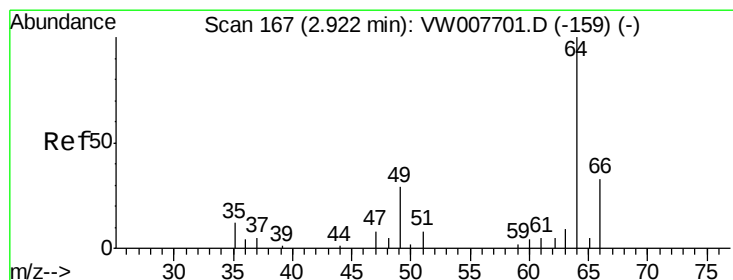
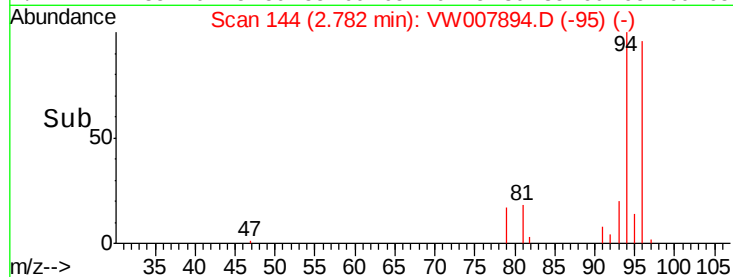
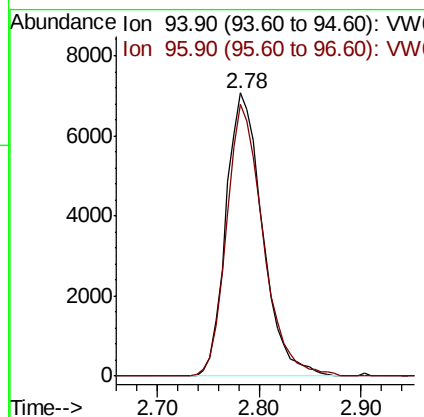
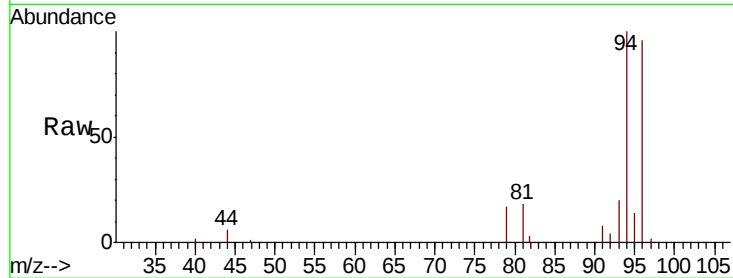
96 96.0 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 70.822 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007894.D

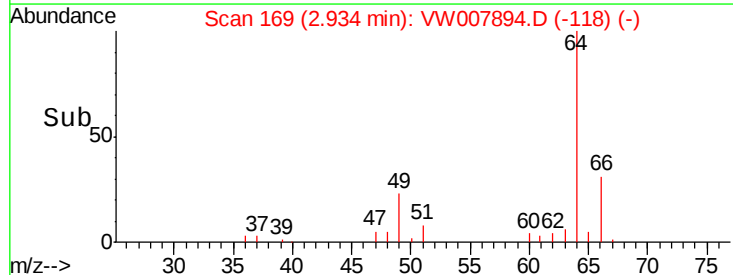
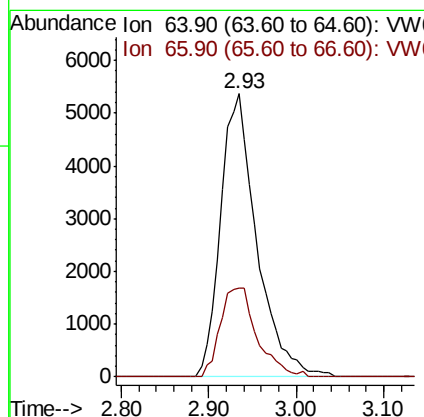
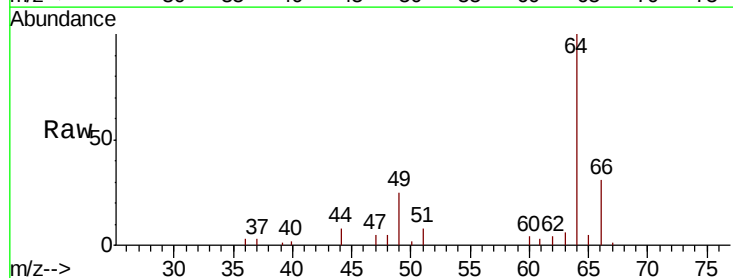
Acq: 24 Dec 2018 17:35

Tgt Ion: 64 Resp: 15412

Ion Ratio Lower Upper

64 100

66 31.3 26.2 39.4





#7

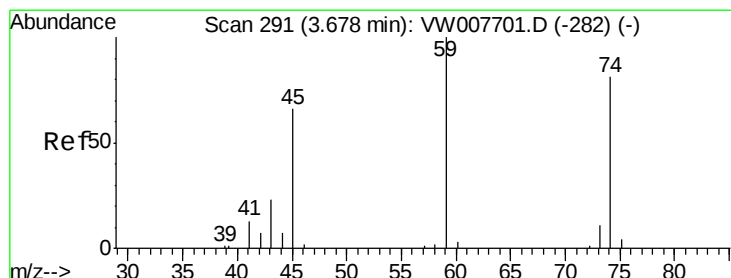
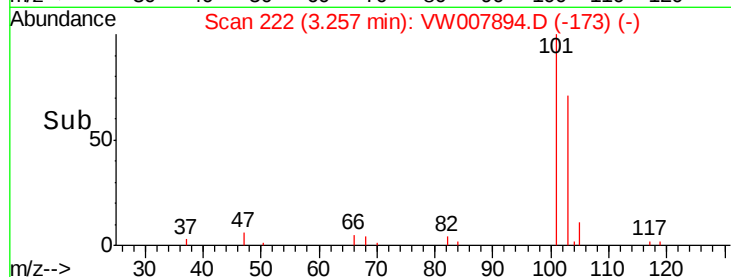
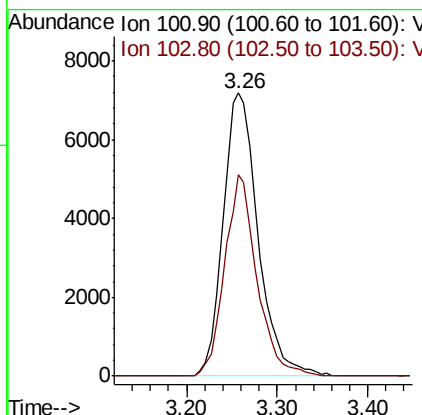
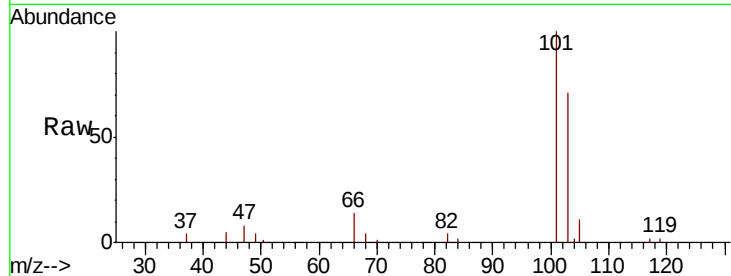
Trichlorofluoromethane
 Concen: 45.390 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		19222		
103	71.2	53.4	80.2		

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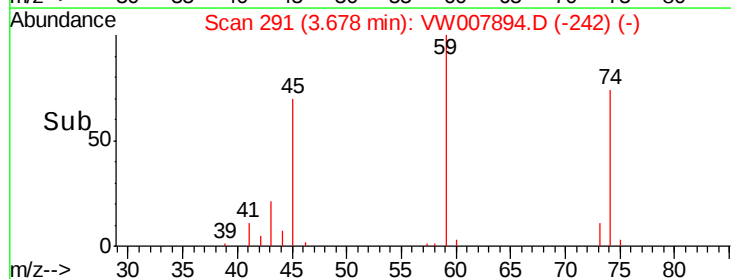
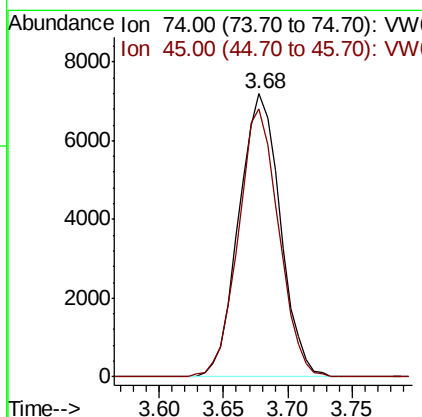
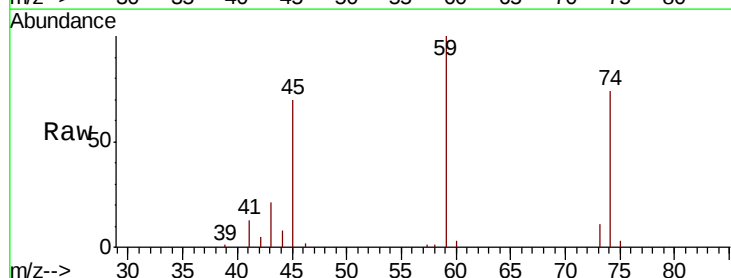
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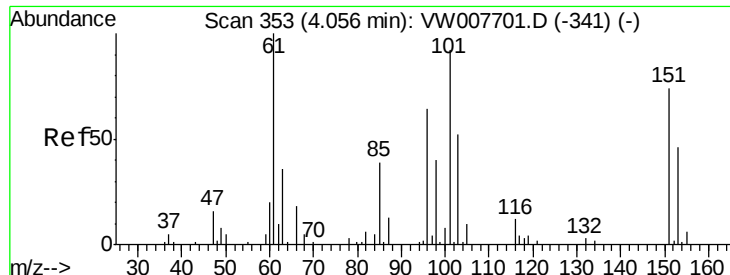


#8

Diethyl Ether
 Concen: 61.680 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		15999		
45	92.2	39.4	118.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.380 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:101 Resp: 27679

Ion Ratio Lower Upper

101 100

85 41.0 34.3 51.5

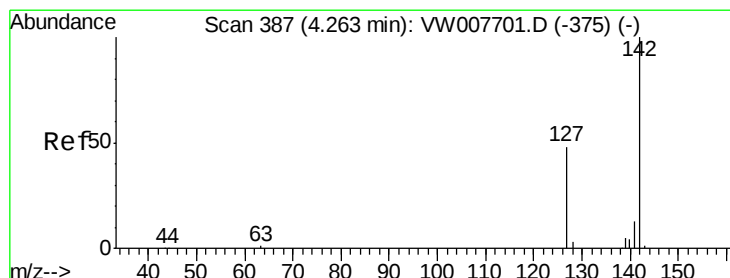
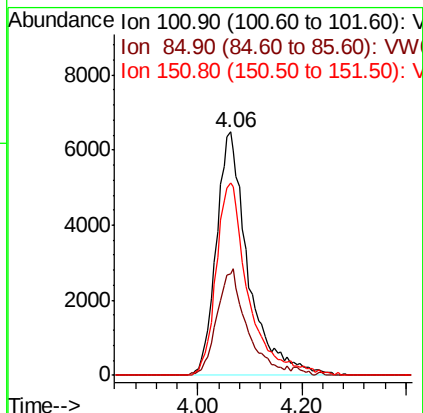
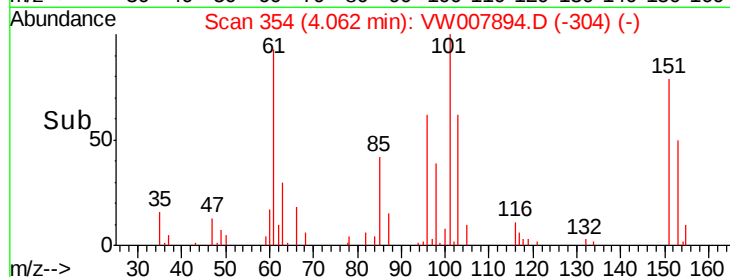
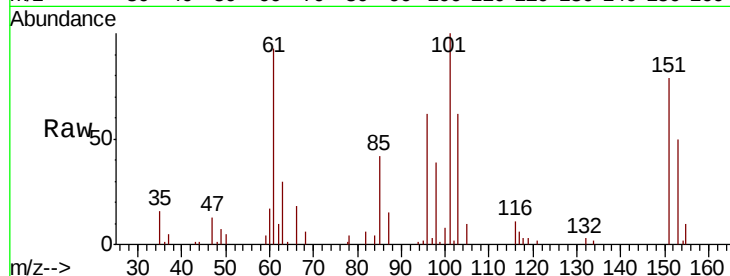
151 79.8 64.6 96.8

Manual Integrations

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#10

Methyl Iodide

Concen: 47.208 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

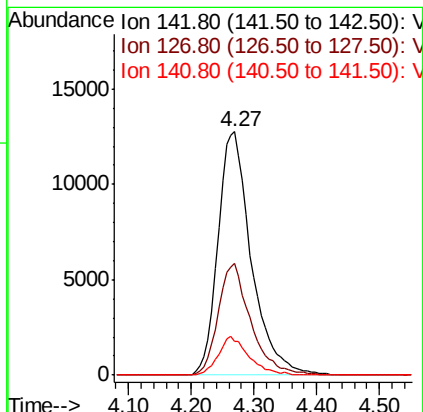
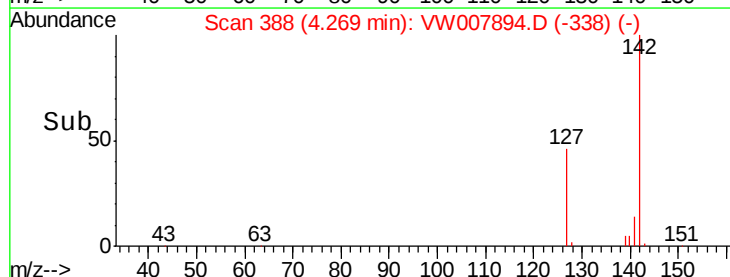
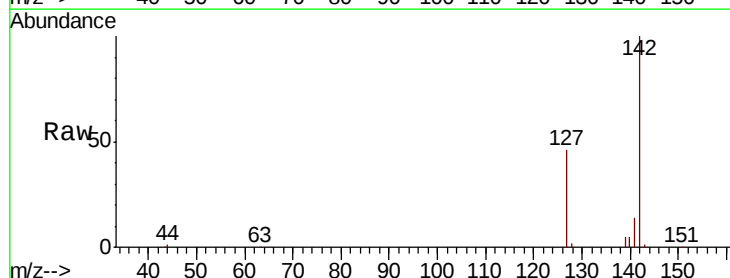
Tgt Ion:142 Resp: 46823

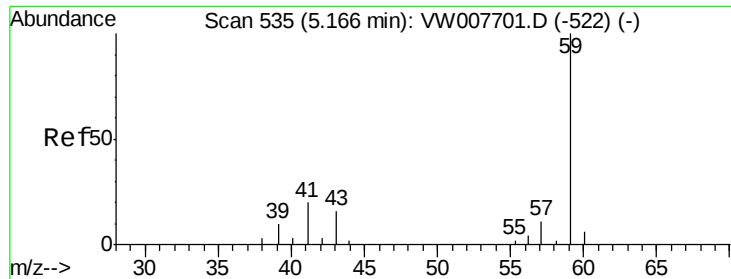
Ion Ratio Lower Upper

142 100

127 44.6 37.7 56.5

141 14.5 11.5 17.3





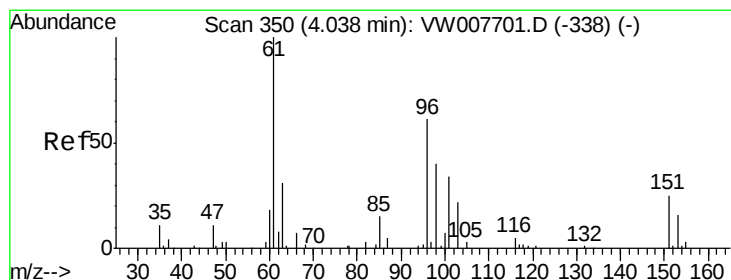
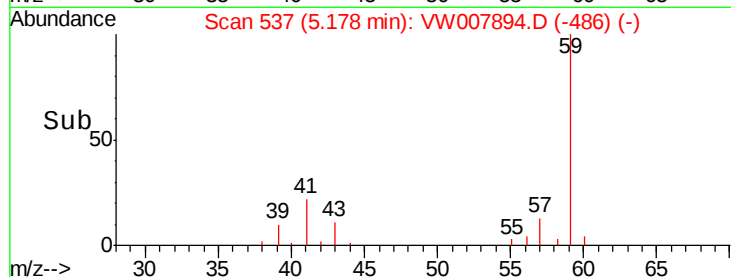
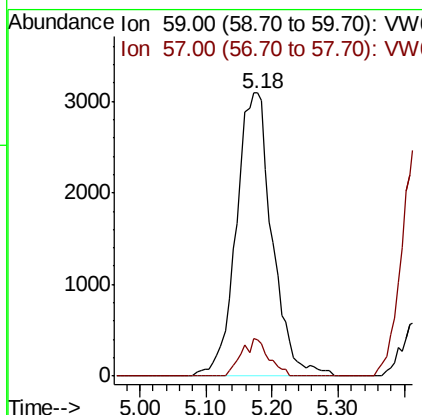
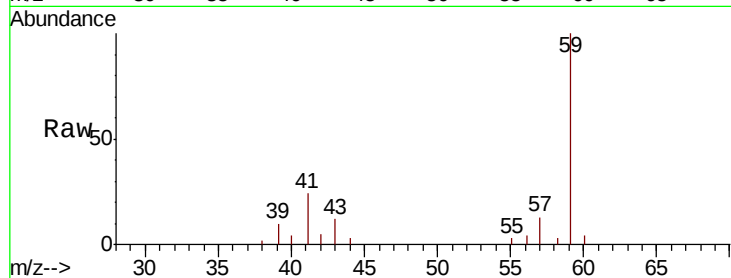
#11
Tert butyl alcohol
Concen: 268.787 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8

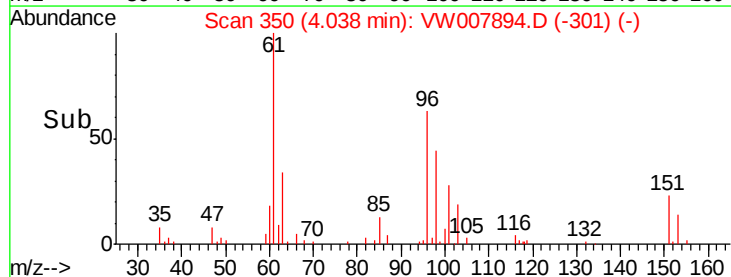
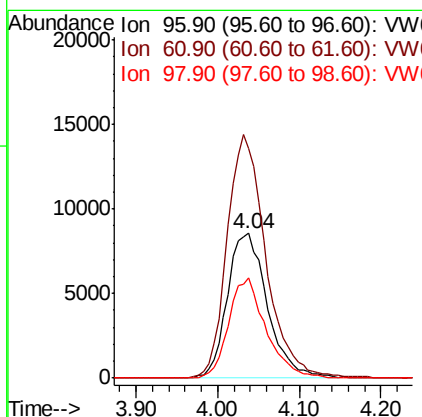
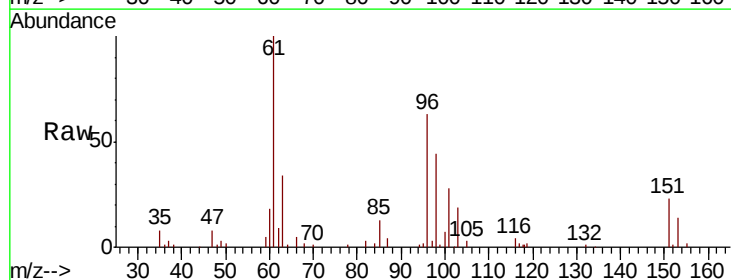
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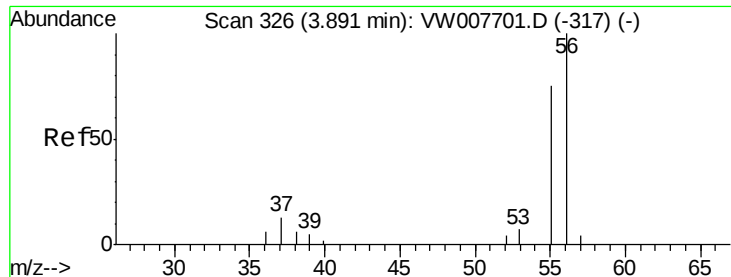
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.385 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.6	130.6	195.8
98	69.5	52.3	78.5





#13

Acrolein

Concen: 91.606 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion: 56 Resp: 3170

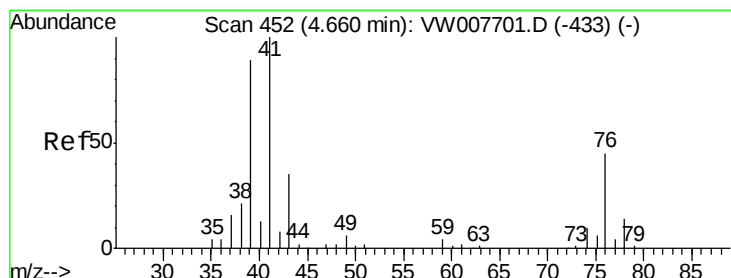
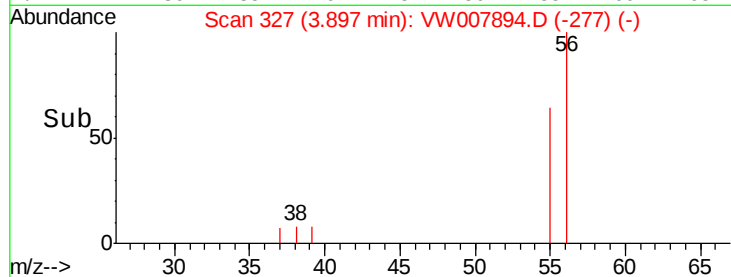
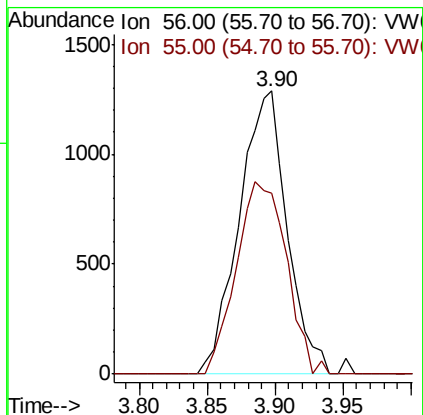
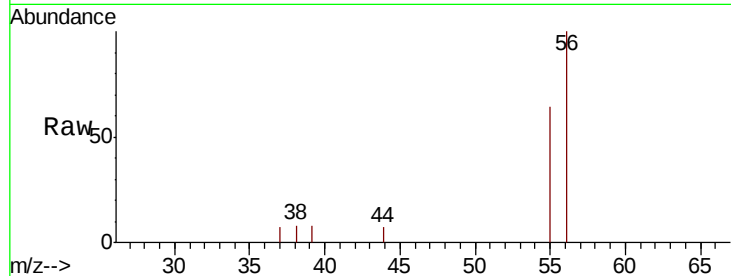
Ion Ratio Lower Upper

56 100

55 71.2 57.7 86.5

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#14

Allyl chloride

Concen: 60.236 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

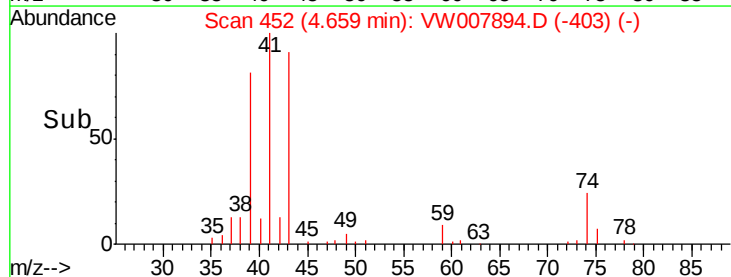
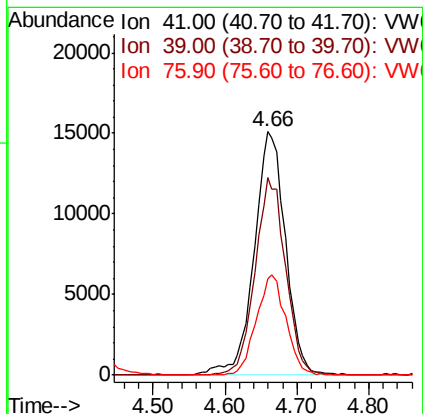
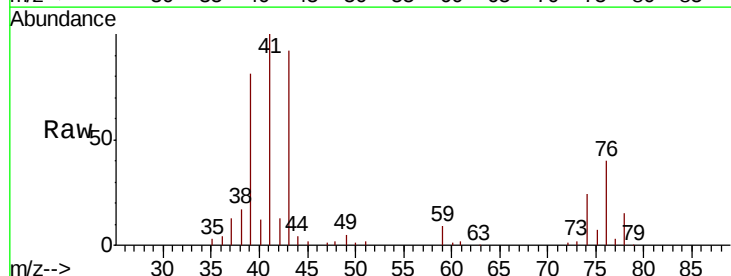
Tgt Ion: 41 Resp: 45620

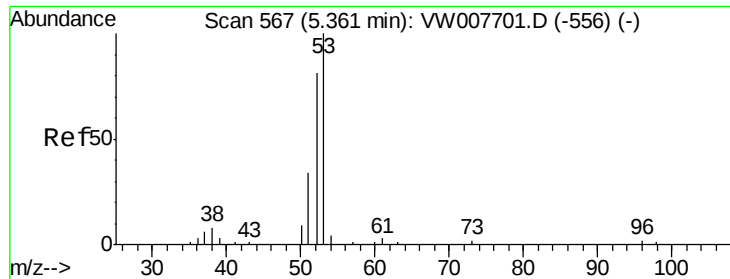
Ion Ratio Lower Upper

41 100

39 78.8 69.5 104.3

76 38.8 34.8 52.2





#15

Acrylonitrile

Concen: 268.615 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

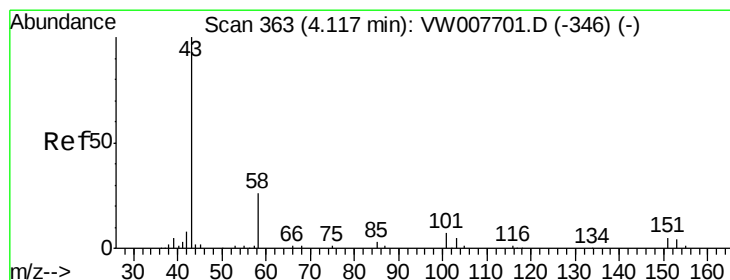
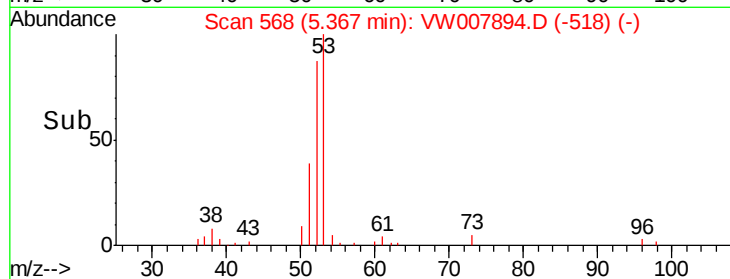
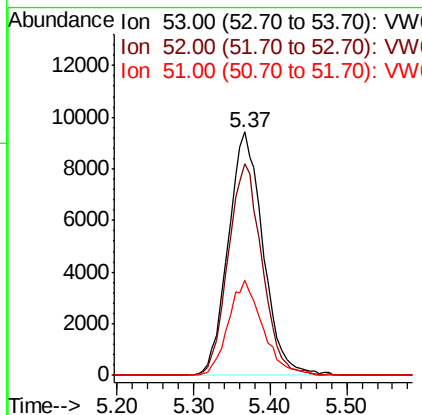
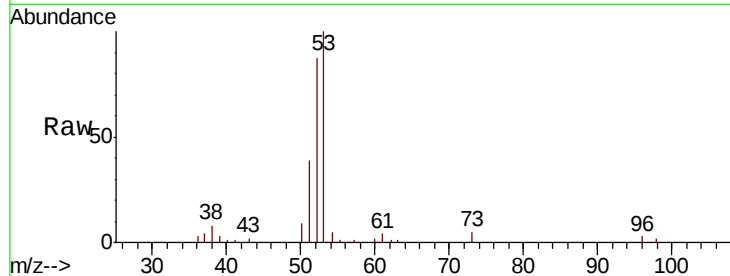
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	53	Resp:	29721
Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.0	100.4
51	38.4	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 201.445 ug/l

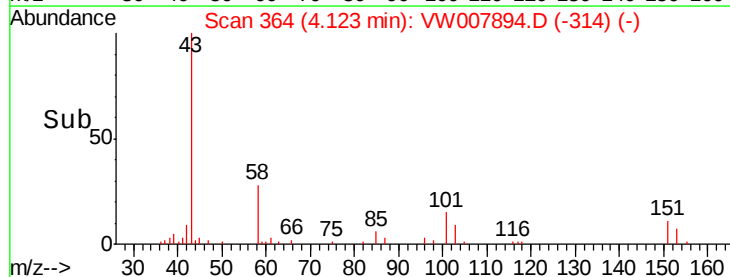
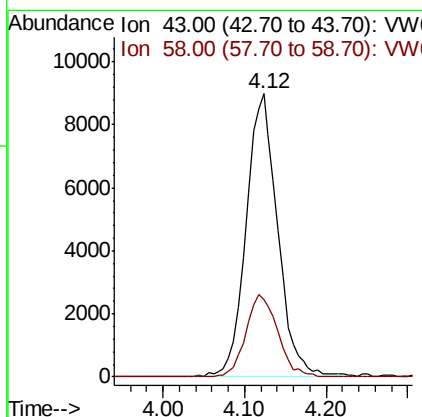
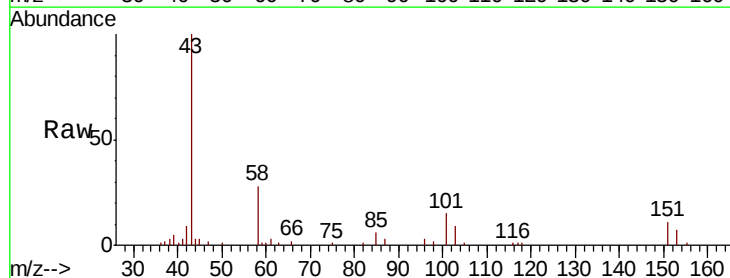
RT: 4.12 min Scan# 364

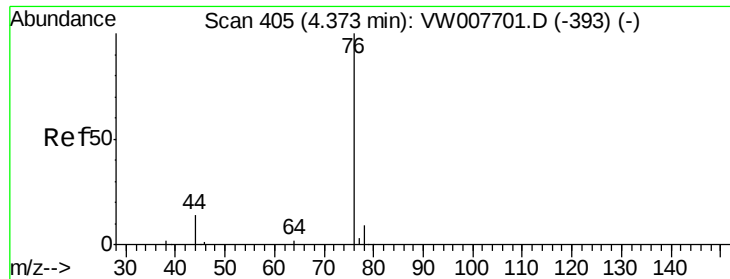
Delta R.T. 0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Tgt Ion:	43	Resp:	24202
Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.2	31.8





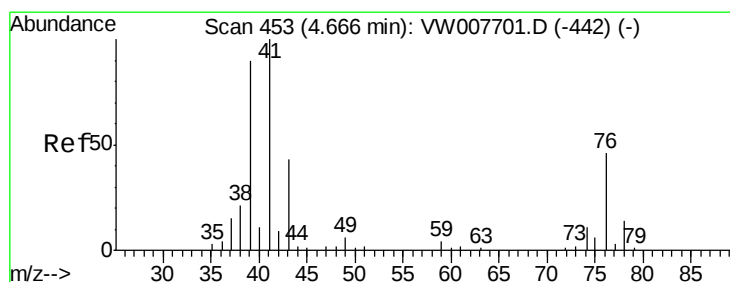
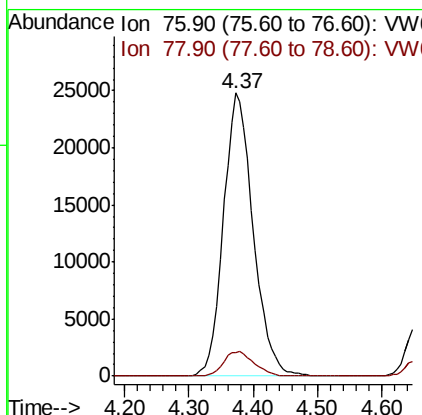
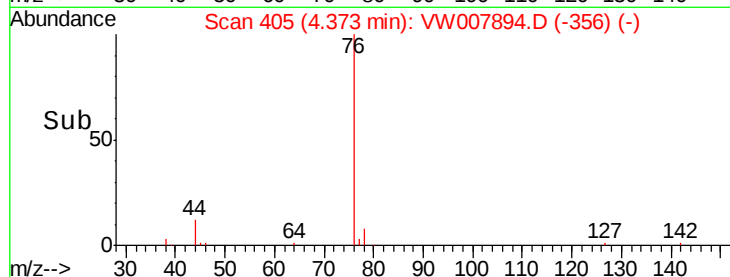
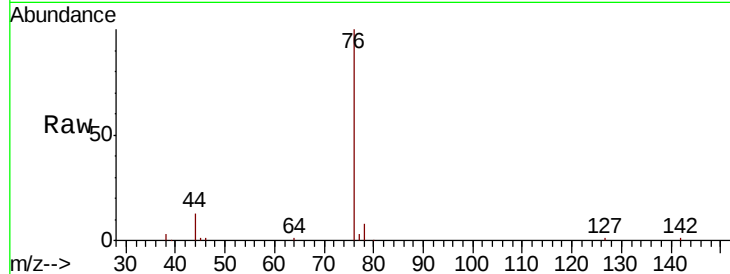
#17
Carbon Disulfide
Concen: 44.885 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

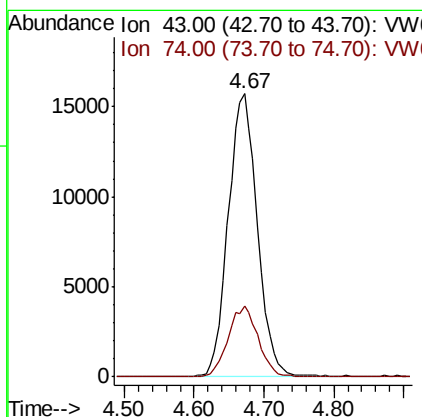
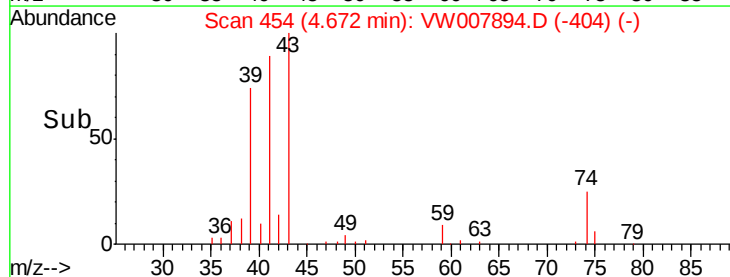
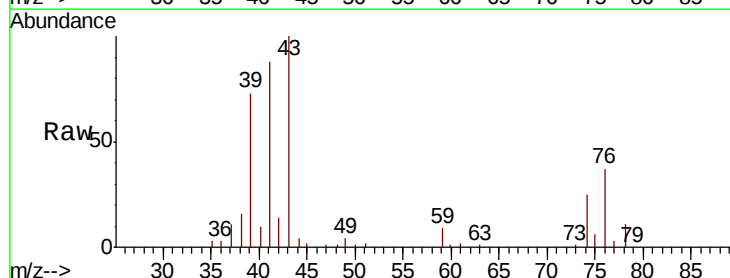
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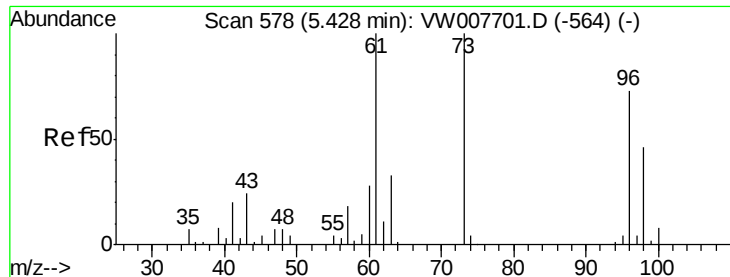
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#18
Methyl Acetate
Concen: 159.353 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	22.7	34.1





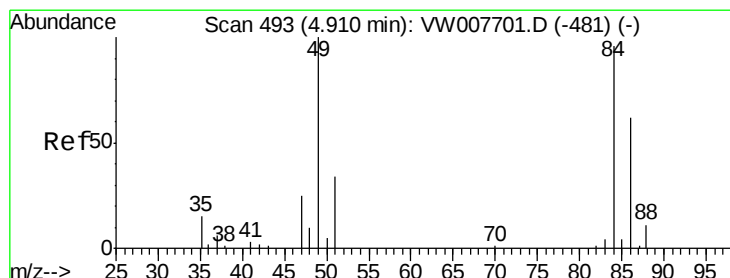
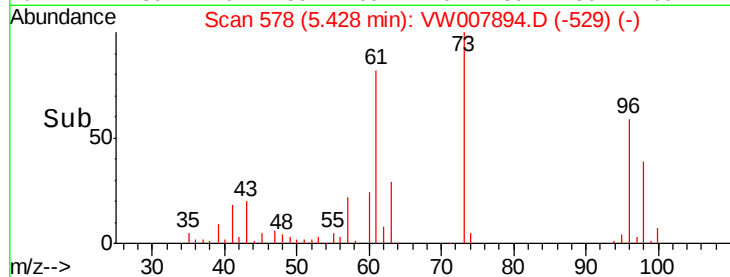
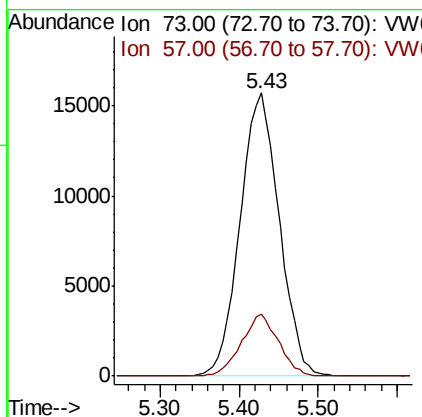
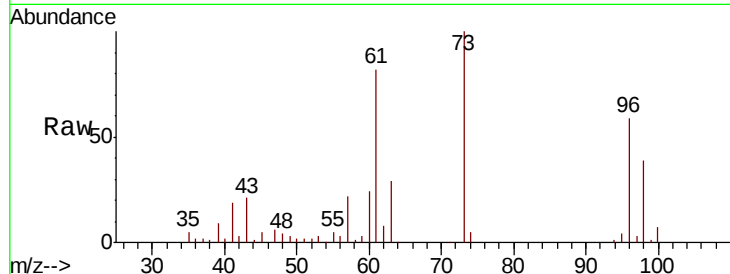
#19
Methvl tert-butvl Ether
Concen: 65.394 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion: 73 Resp: 54219
Ion Ratio Lower Upper
73 100
57 21.7 14.7 22.1

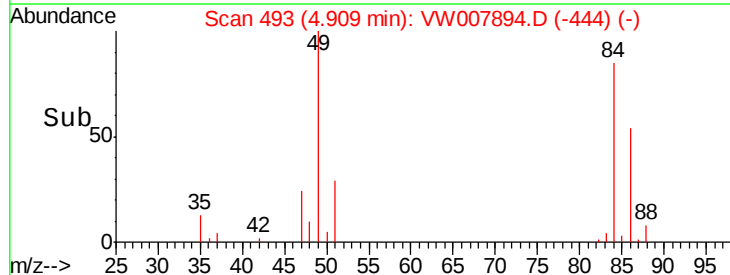
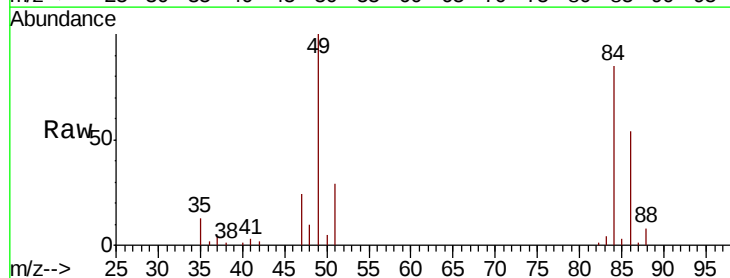
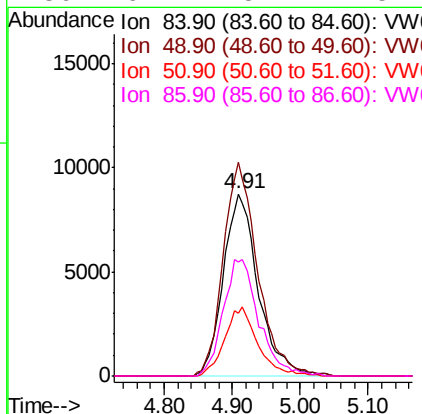
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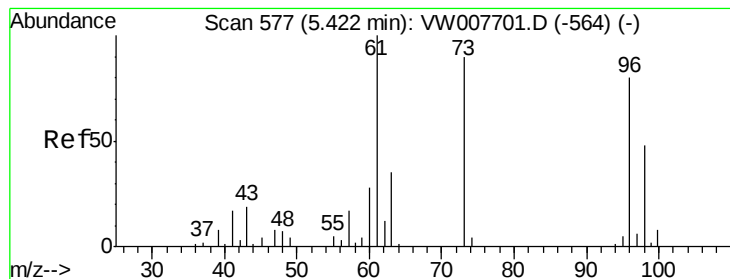
MMDadoda
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#20
Methylene Chloride
Concen: 52.216 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion: 84 Resp: 31205
Ion Ratio Lower Upper
84 100
49 117.2 83.7 125.5
51 34.5 28.2 42.2
86 62.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.333 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion: 96 Resp: 31335

Ion Ratio Lower Upper

96 100

61 127.9 100.1 150.1

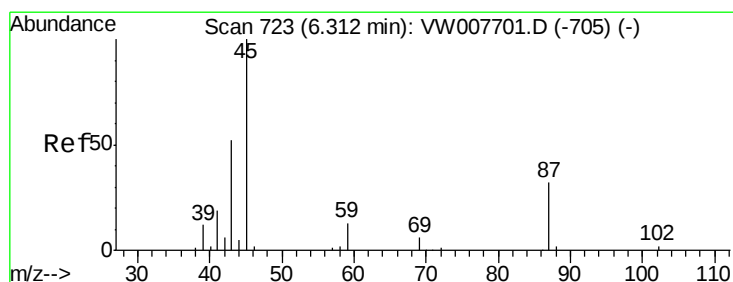
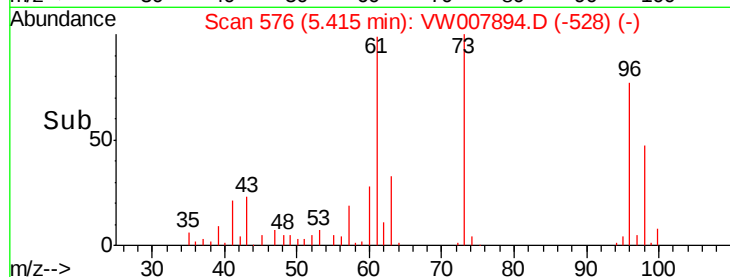
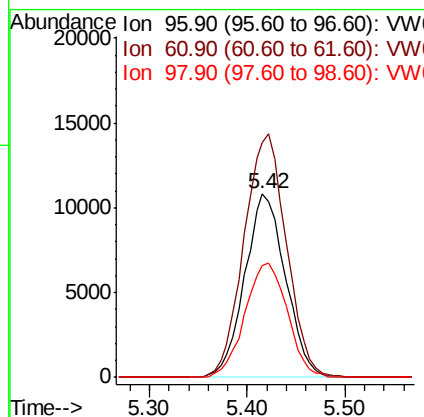
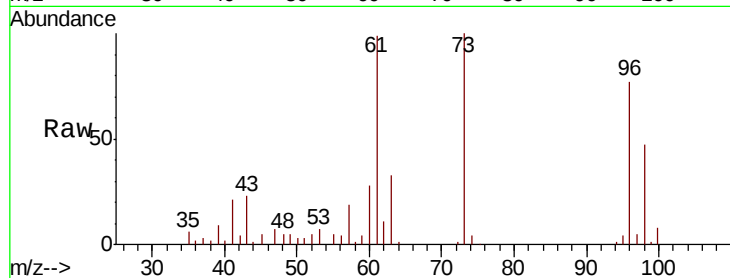
98 60.5 48.5 72.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 65.766 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Tgt Ion: 45 Resp: 93263

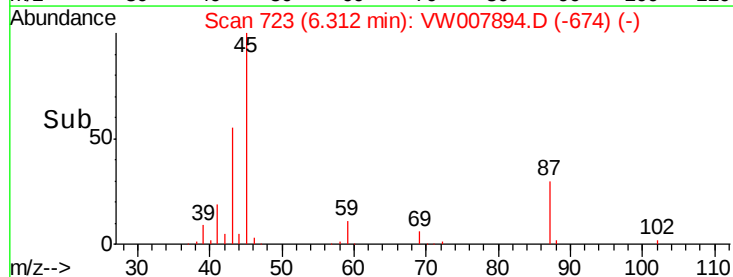
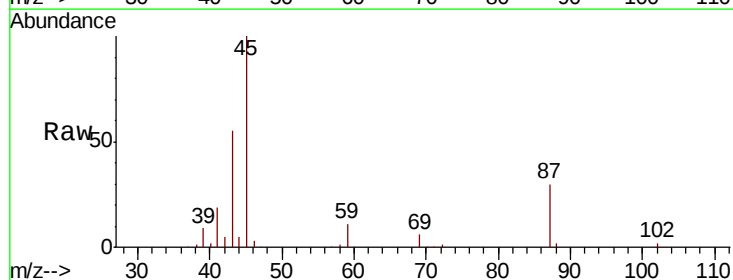
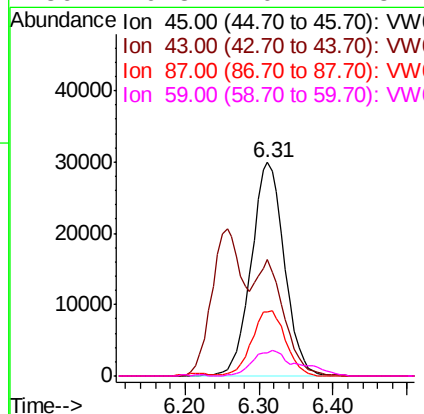
Ion Ratio Lower Upper

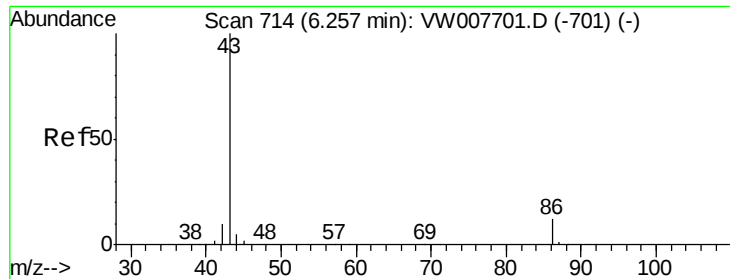
45 100

43 54.0 43.7 65.5

87 29.9 26.6 40.0

59 10.8 10.2 15.2





#23

Vinyl Acetate

Concen: 71.299 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion: 43 Resp: 60072

Ion Ratio Lower Upper

43 100

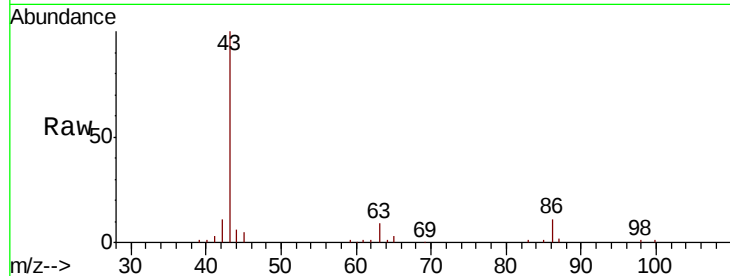
86 11.0 9.6 14.4

Manual Integrations

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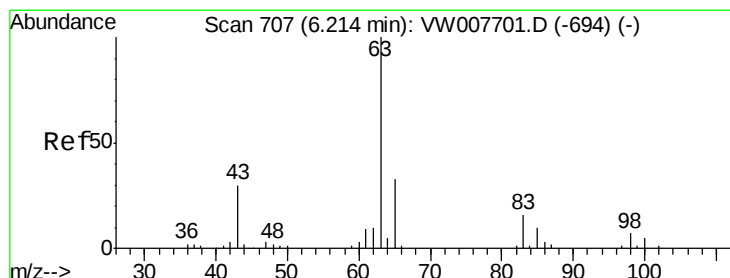
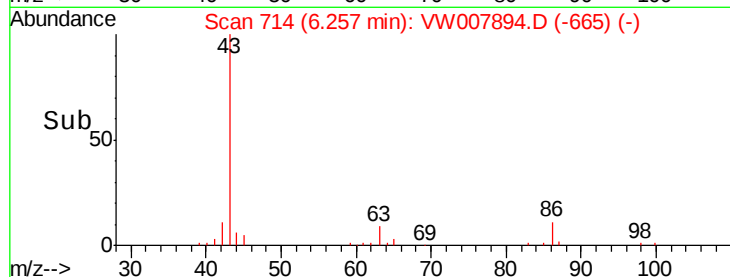
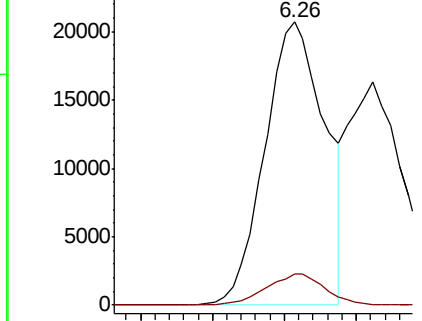
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.764 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

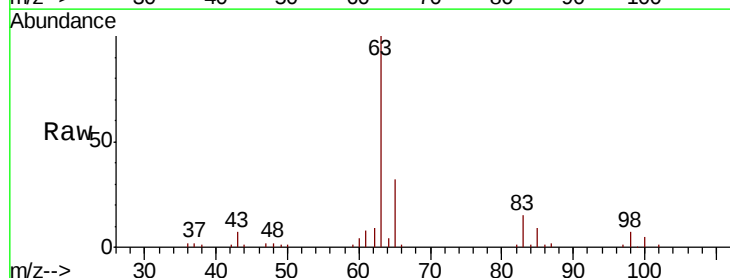
Tgt Ion: 63 Resp: 57132

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

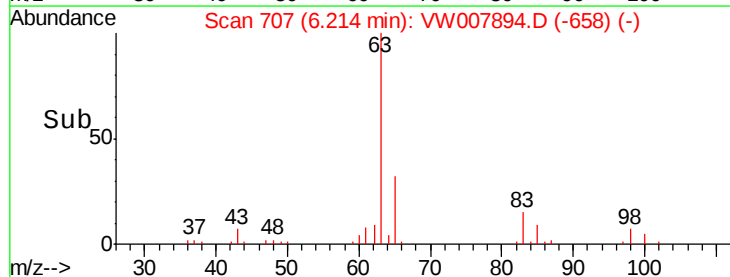
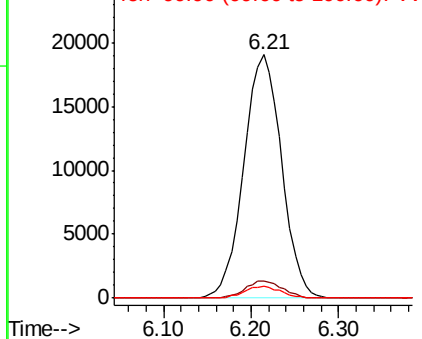
100 4.8 2.5 7.5

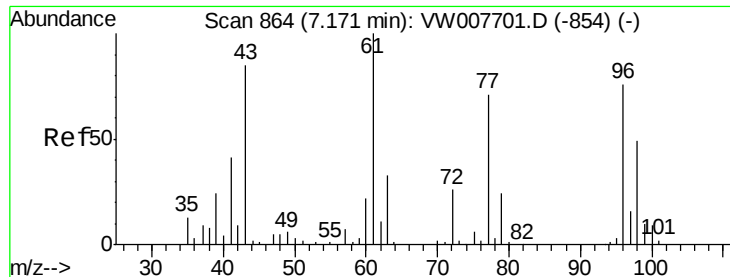


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 265.076 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion: 43 Resp: 37302

Ion Ratio Lower Upper

43 100

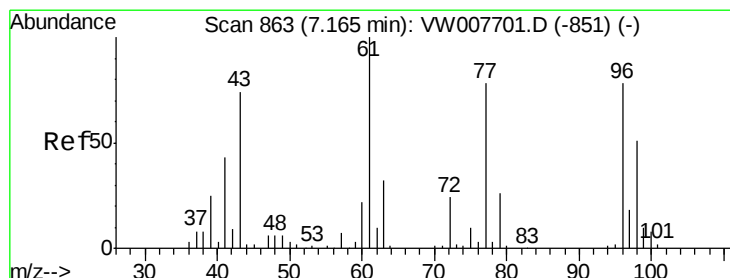
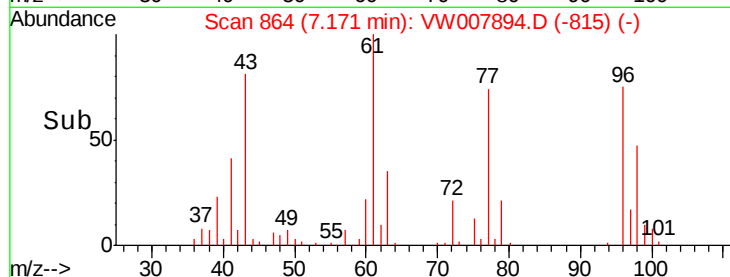
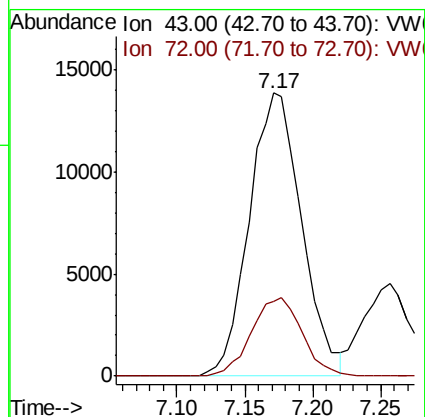
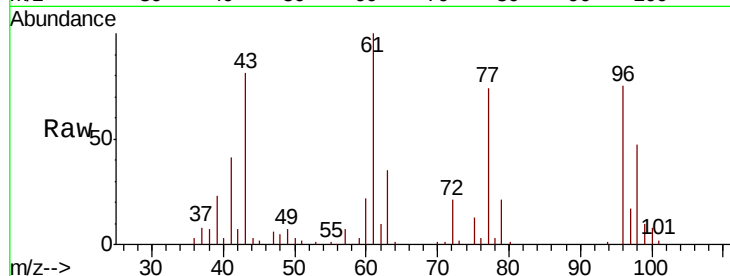
72 26.4 24.5 36.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.033 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007894.D

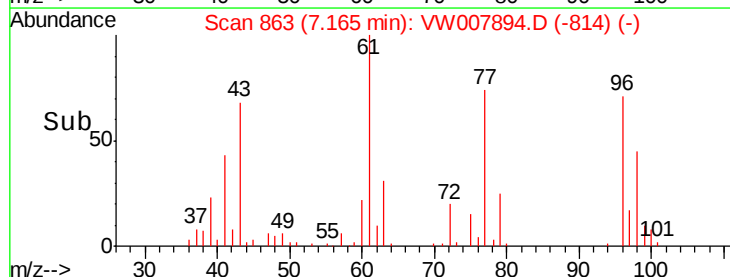
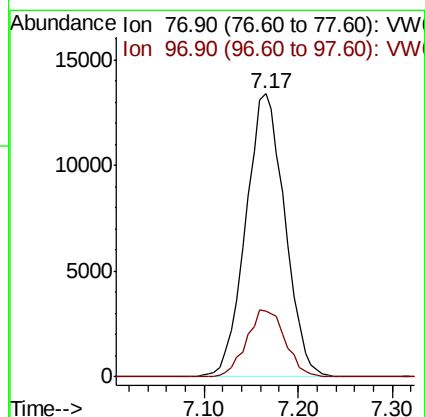
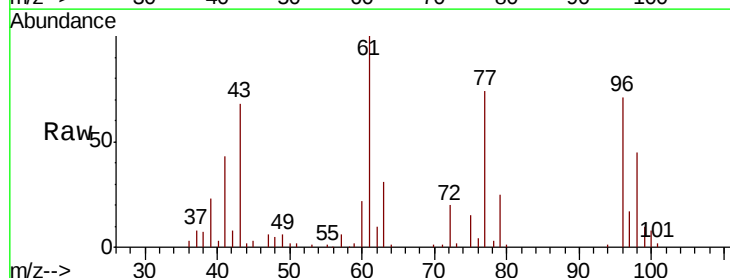
Acq: 24 Dec 2018 17:35

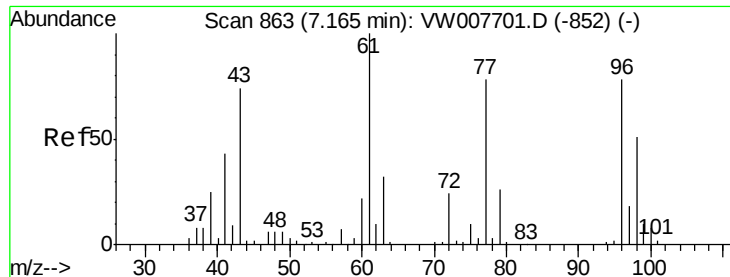
Tgt Ion: 77 Resp: 38959

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.9





#27

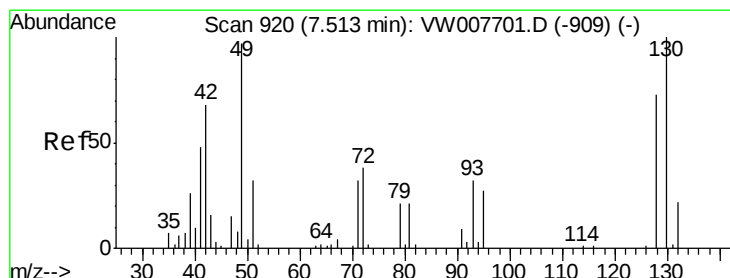
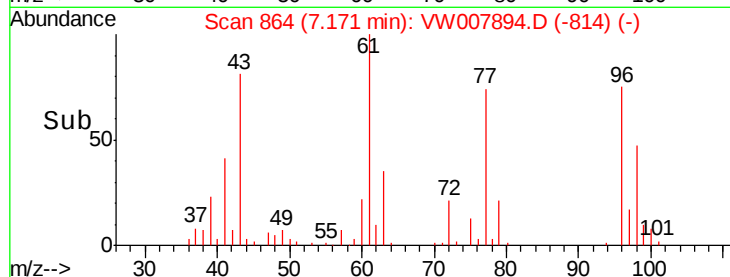
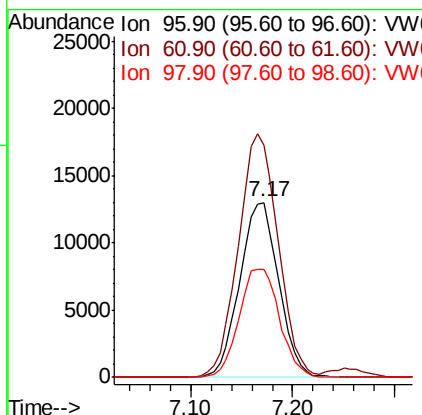
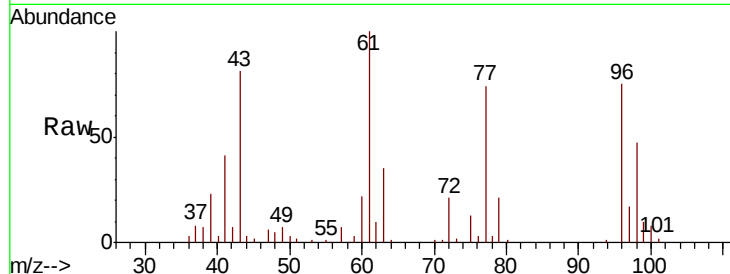
cis-1,2-Dichloroethene
Concen: 50.989 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	34505		
61	141.8		0.0	271.6
98	63.9		0.0	131.2

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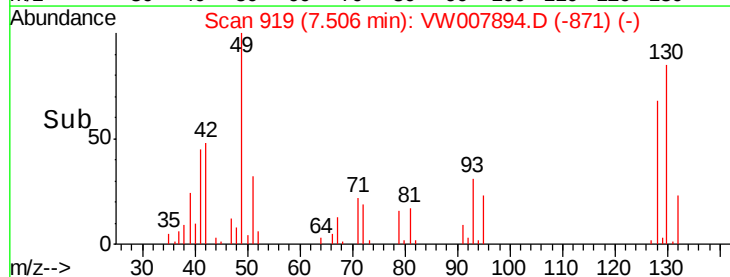
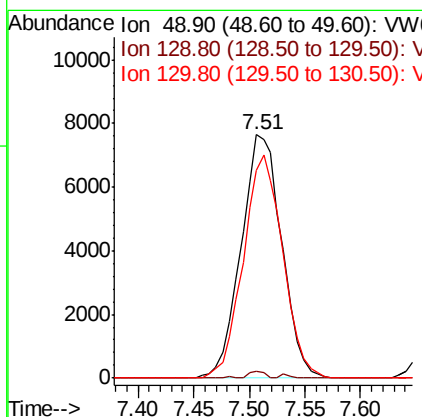
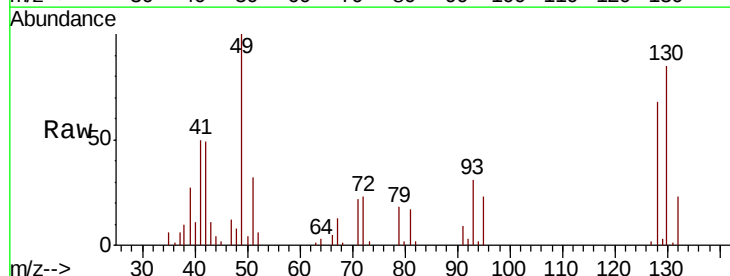
MMDadoda
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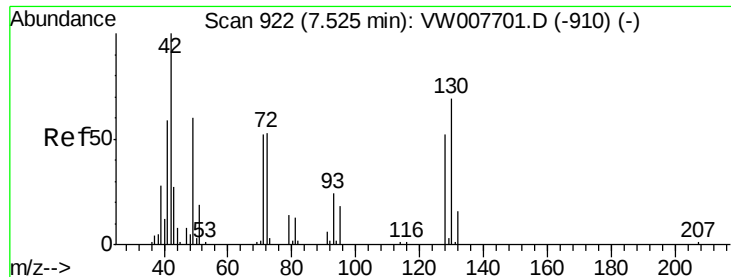


#28

Bromochloromethane
Concen: 54.355 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	19334		
129	1.2		0.0	2.2
130	89.3		81.5	122.3





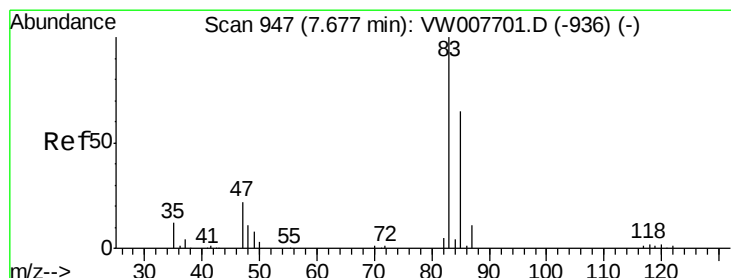
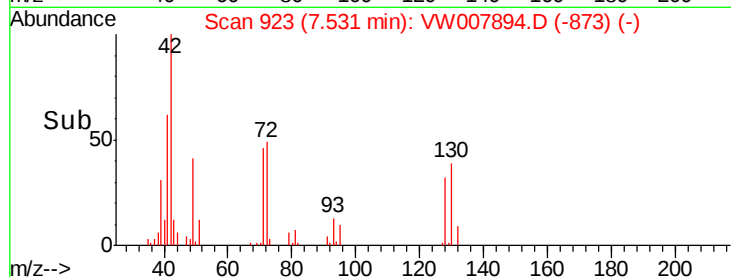
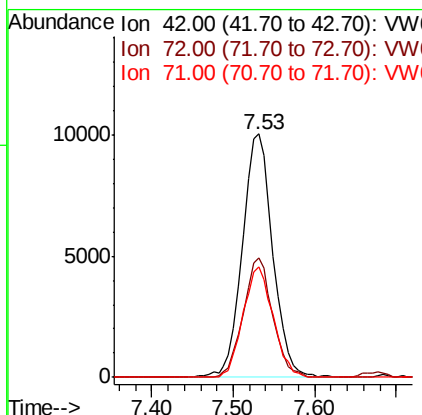
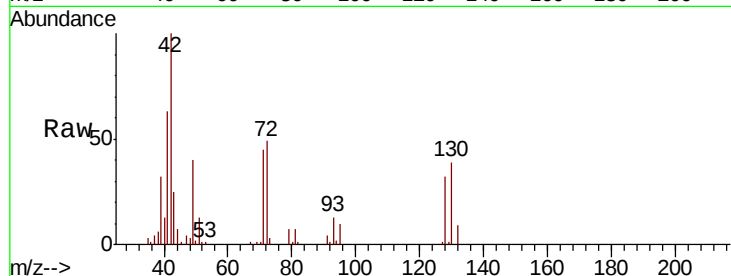
#29
Tetrahydrofuran
Concen: 309.370 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	41.7	62.5
71	44.7	39.0	58.6

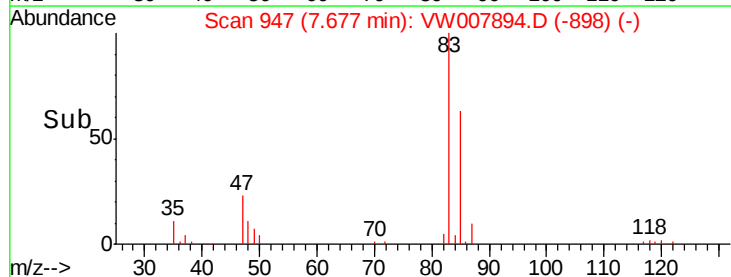
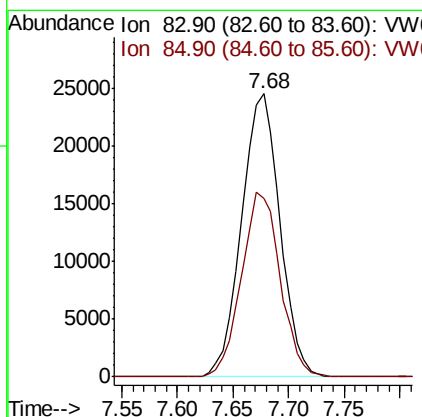
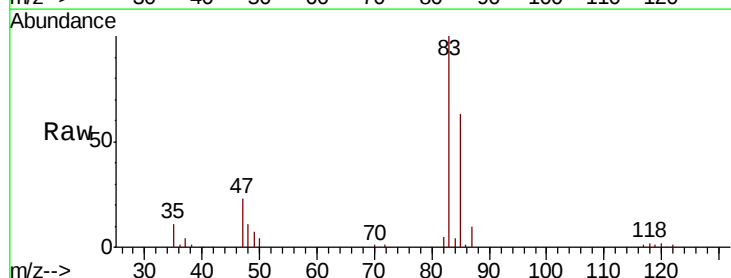
Manual Integrations
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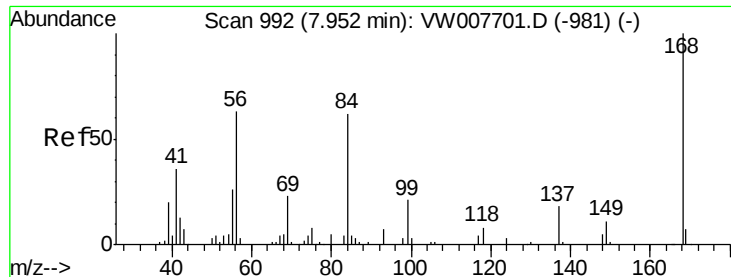
MMDadoda
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#30
Chloroform
Concen: 49.789 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.2	78.2





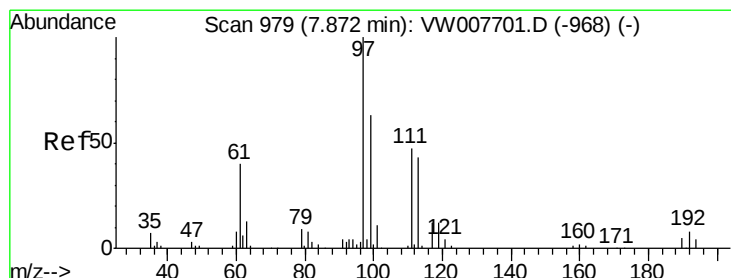
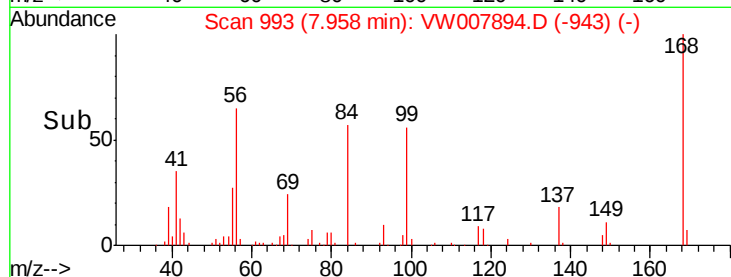
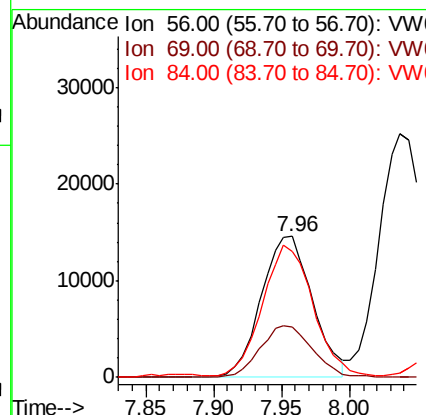
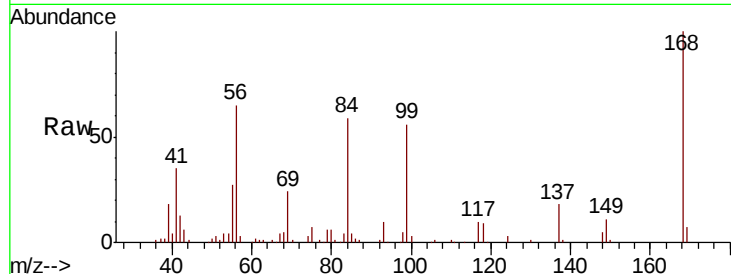
#31
Cyclohexane
Concen: 40.149 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	29.7	44.5
84	87.7	78.9	118.3

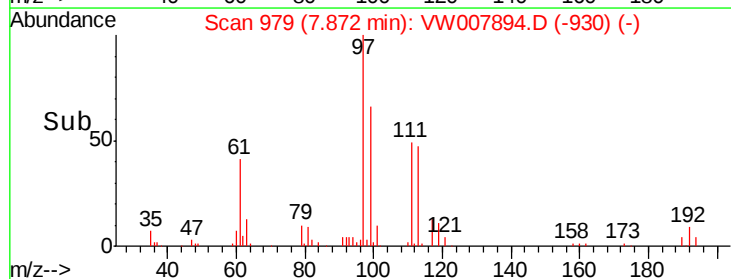
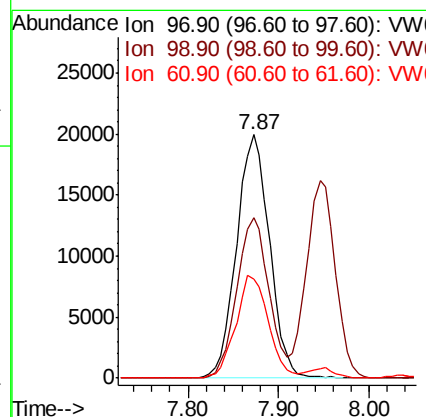
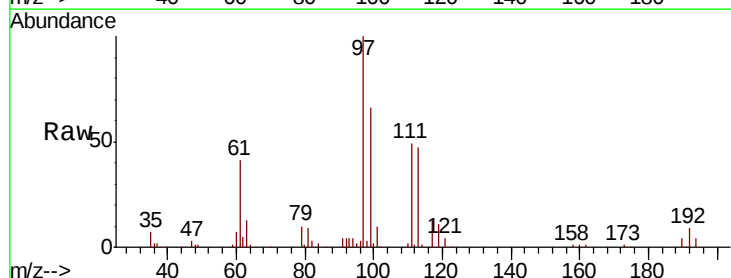
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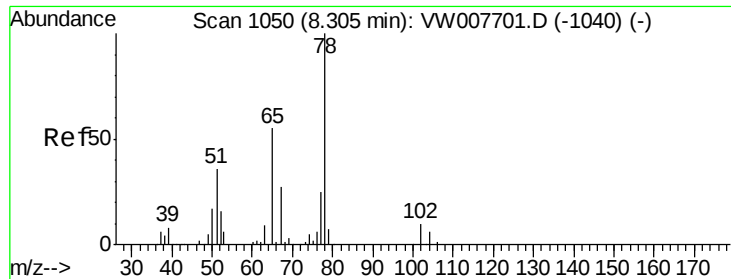
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.753 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.6	76.0
61	41.7	32.3	48.5





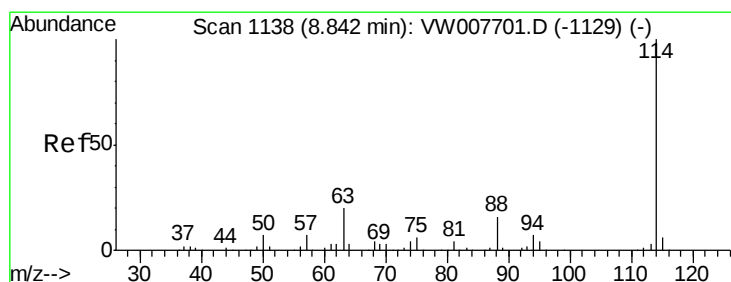
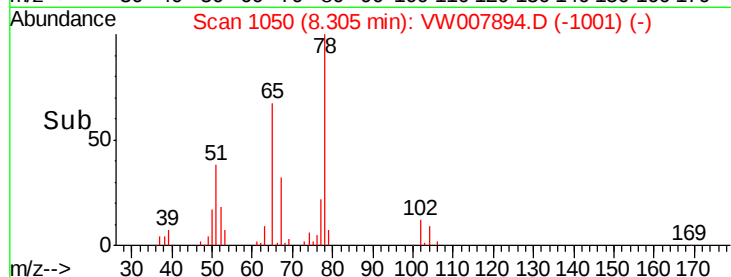
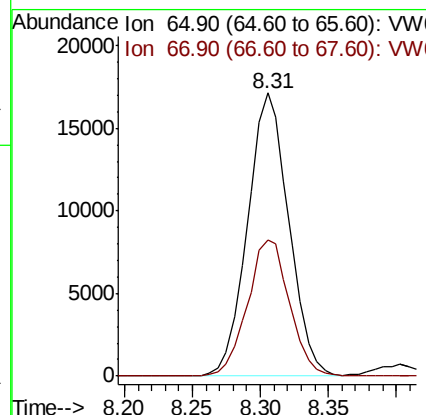
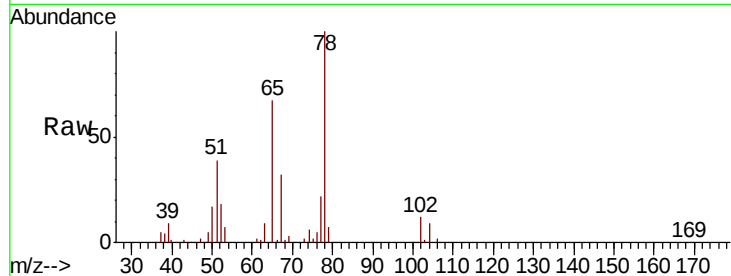
#33
 1,2-Dichloroethane-d4
 Concen: 56.671 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.9	0.0	100.6	

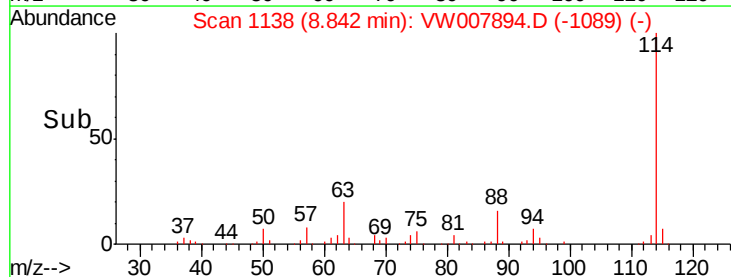
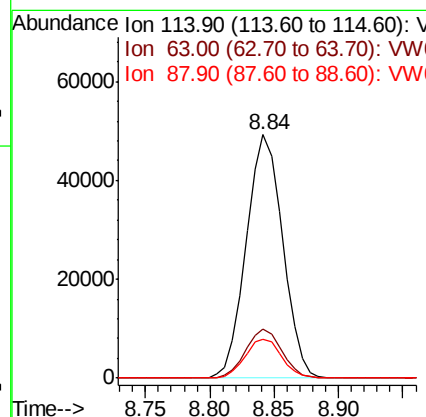
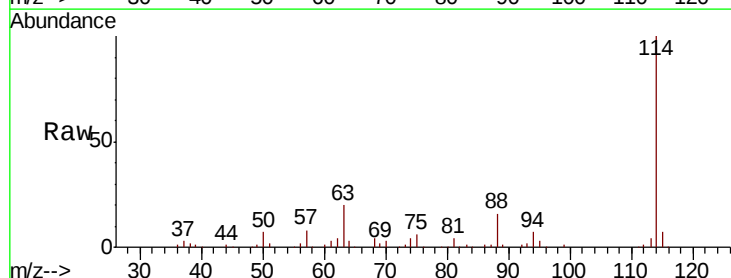
Manual Integrations
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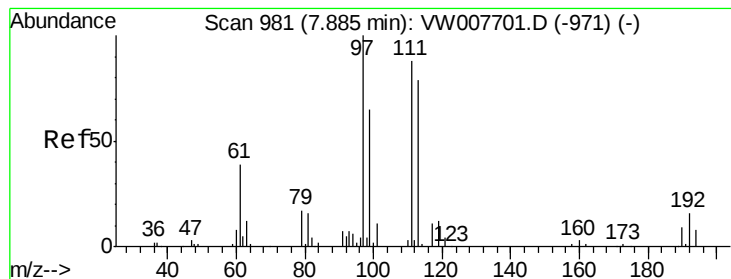
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	40.0	
88	16.1	0.0	32.6	





#35

Dibromofluoromethane

Concen: 51.953 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

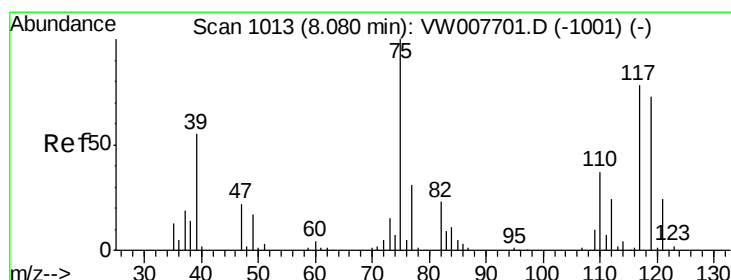
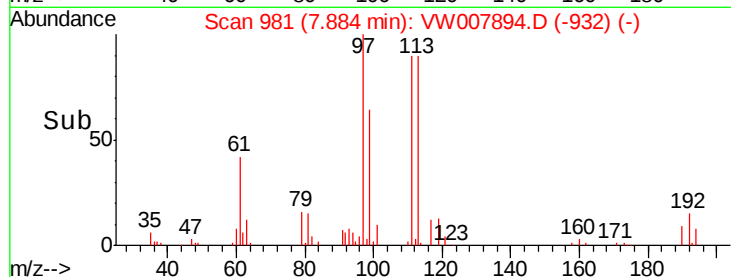
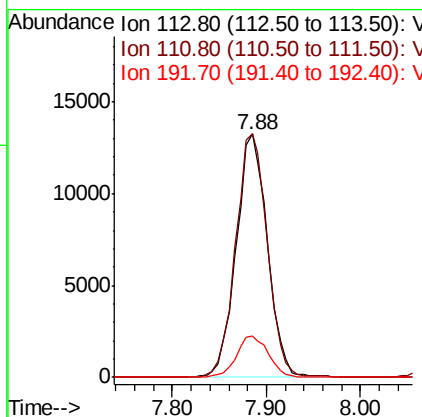
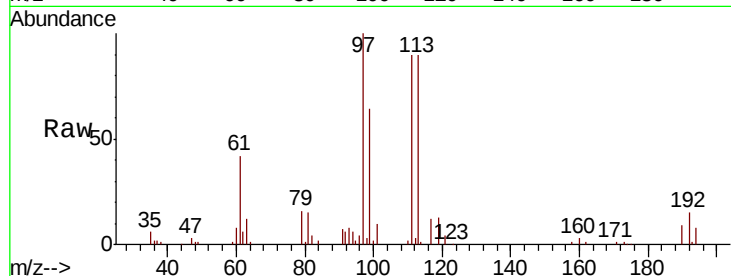
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	113	Resp:	30621
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.6	124.0
192	17.3	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 42.989 ug/l

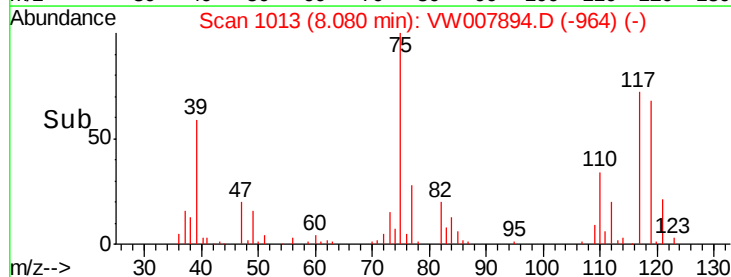
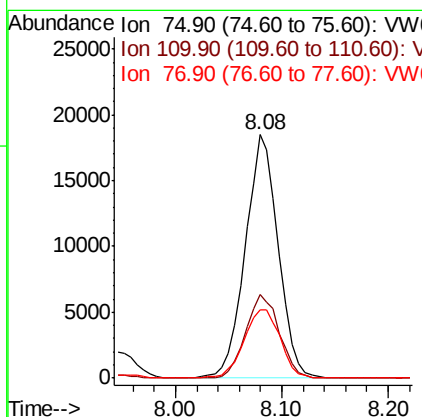
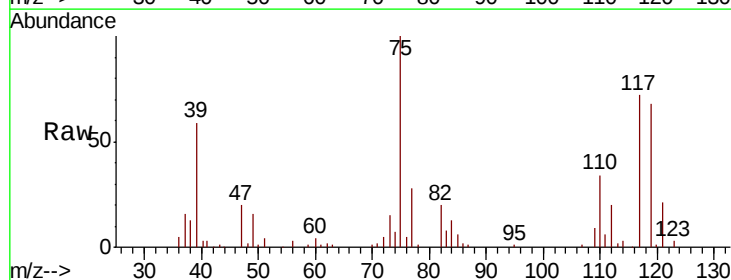
RT: 8.08 min Scan# 1013

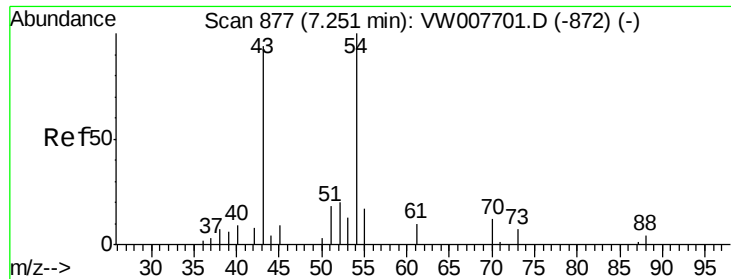
Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Tgt Ion:	75	Resp:	40087
Ion Ratio	Lower	Upper	
75	100		
110	35.1	18.6	55.8
77	31.1	25.0	37.4





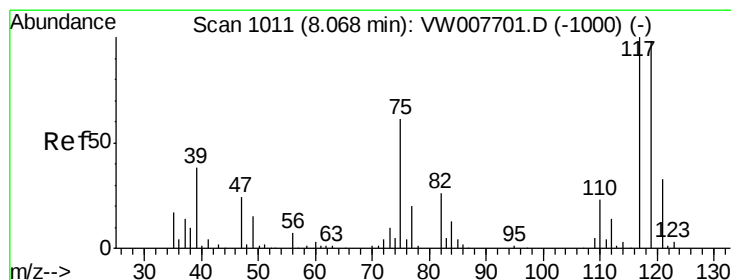
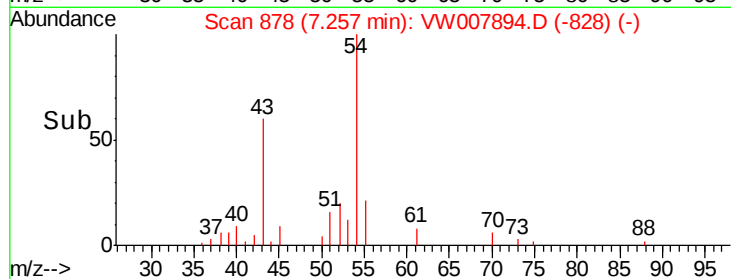
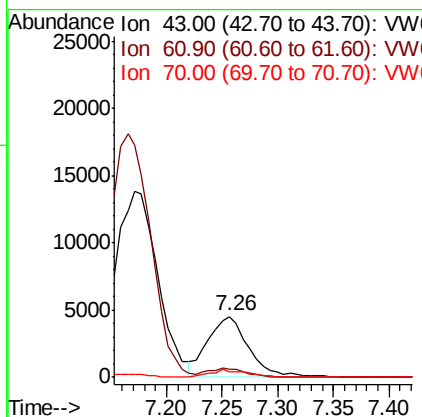
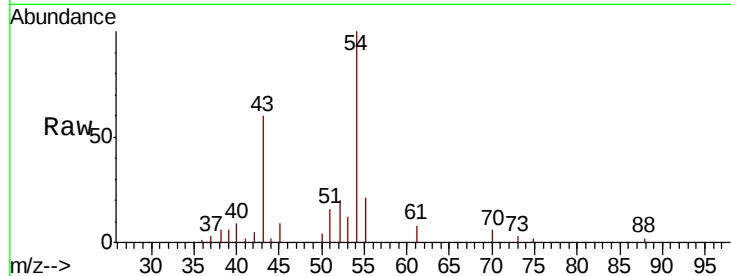
#37
Ethyl Acetate
Concen: 36.319 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.2	16.8
70	11.4	9.3	13.9

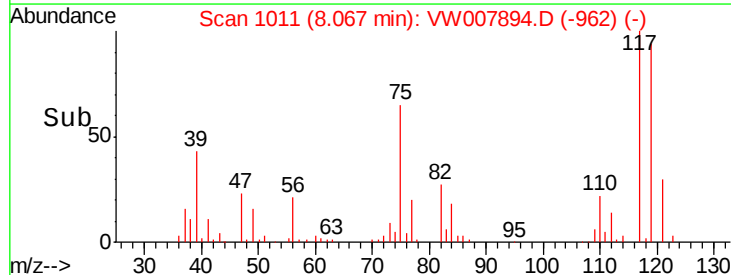
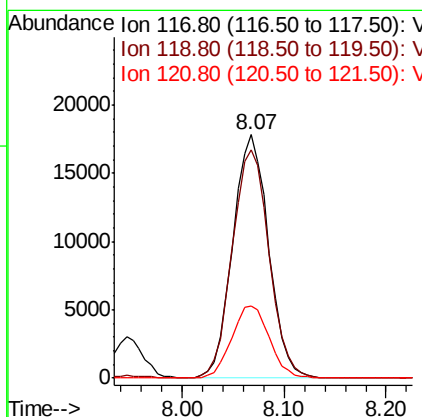
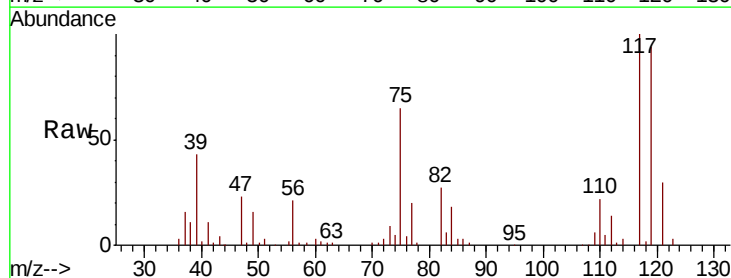
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#38
Carbon Tetrachloride
Concen: 39.527 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.2	117.2
121	29.6	26.1	39.1





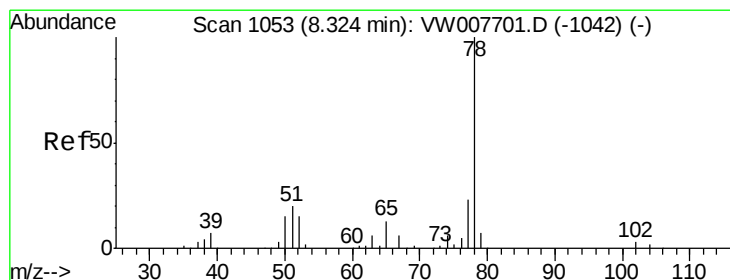
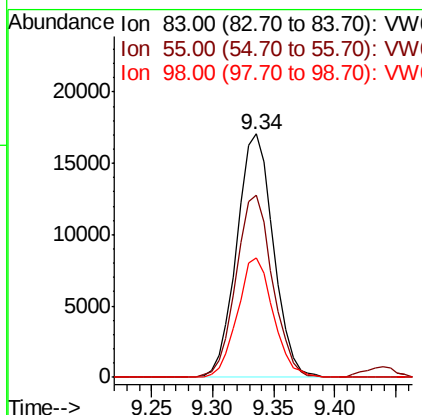
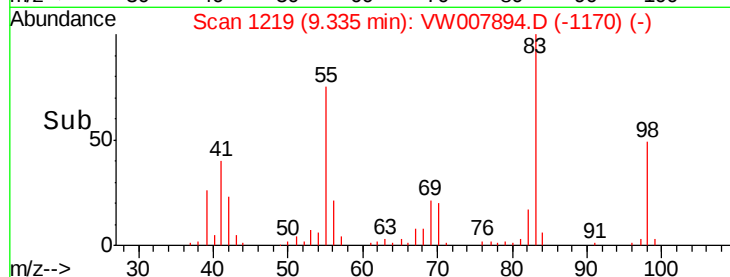
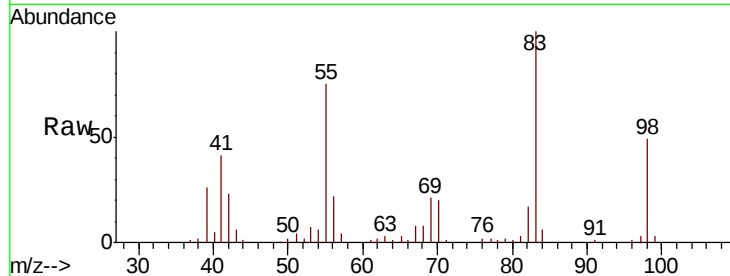
#39
Methvlcvclohexane
Concen: 30.548 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	57.2	85.8
98	49.2	38.6	58.0

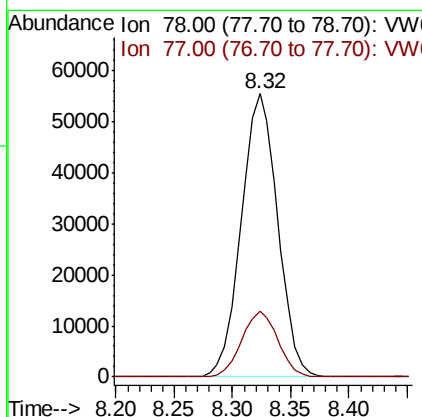
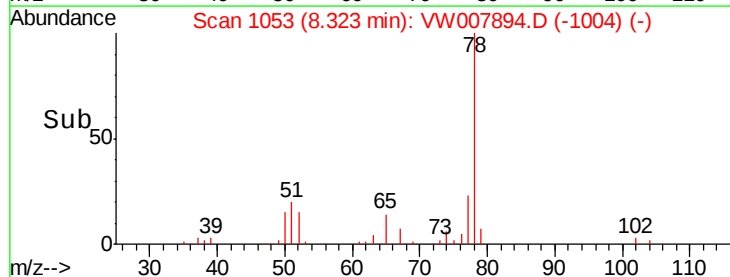
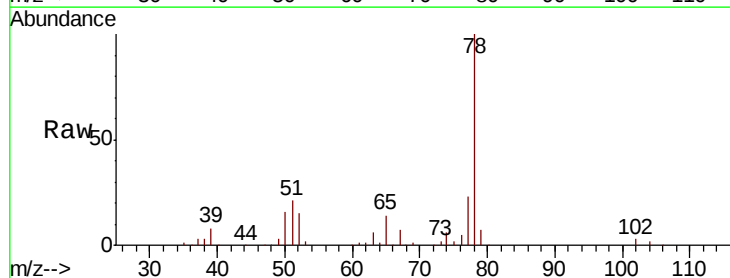
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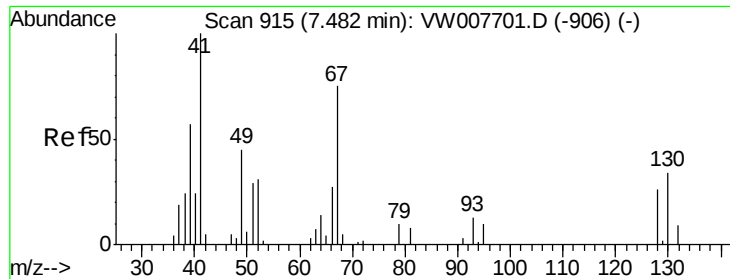
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#40
Benzene
Concen: 48.671 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





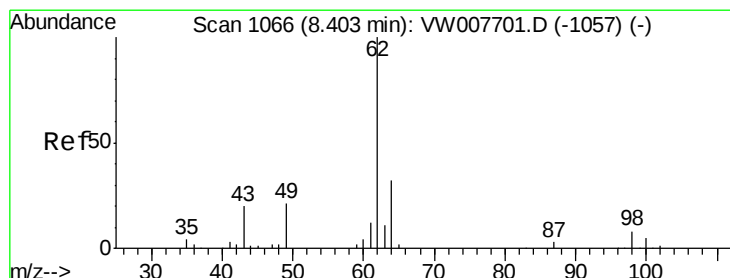
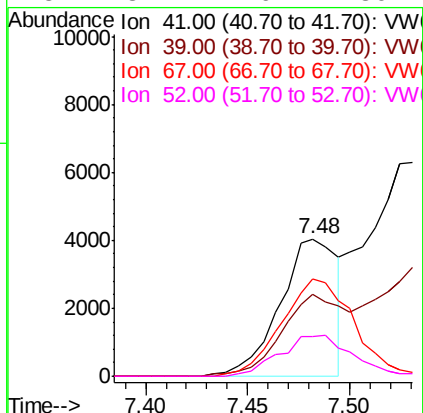
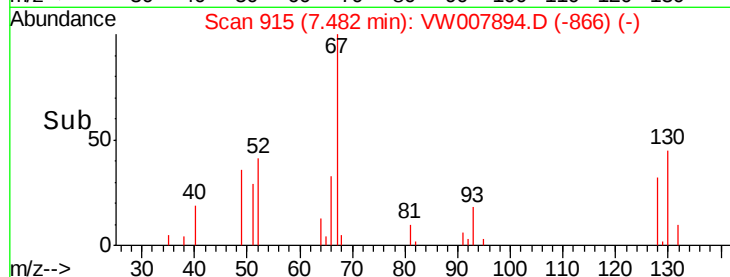
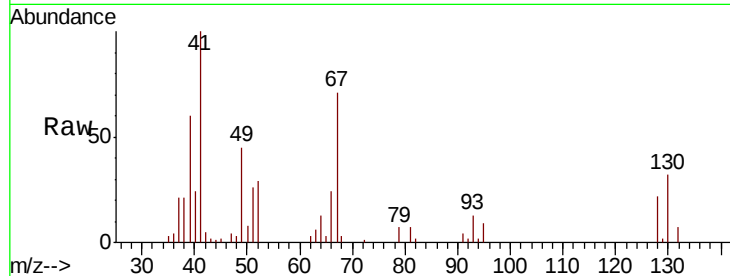
#41
Methacrylonitrile
Concen: 43.598 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.4	54.2	81.4
67	88.3	65.7	98.5
52	37.4	26.2	39.4

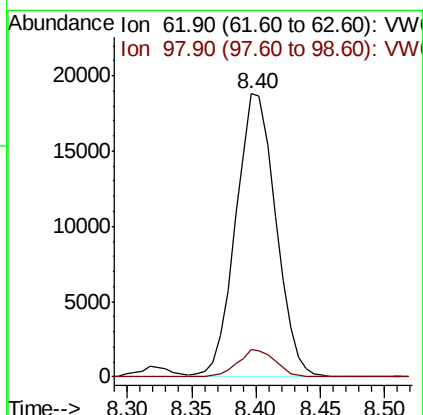
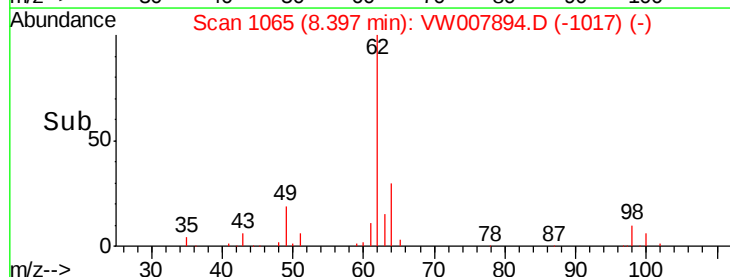
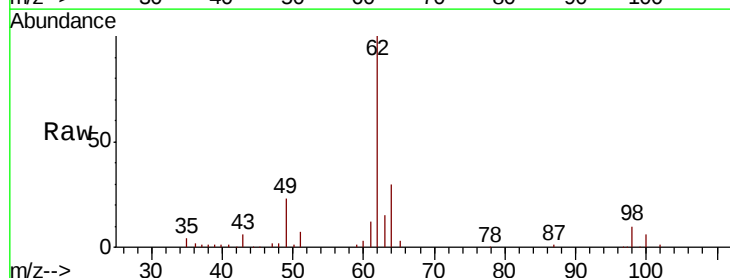
Manual Integrations
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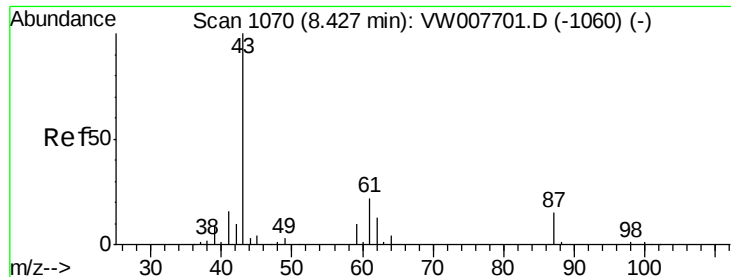
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#42
1,2-Dichloroethane
Concen: 48.615 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 42.173 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

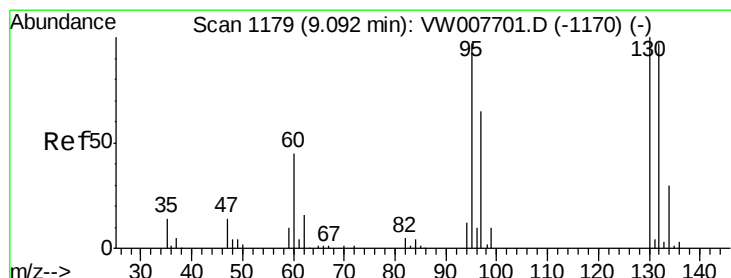
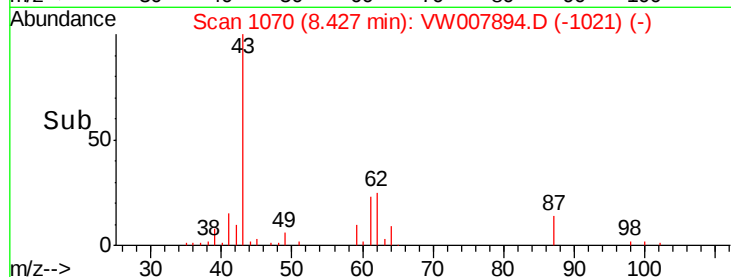
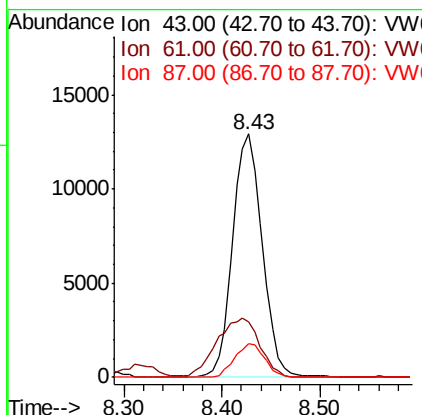
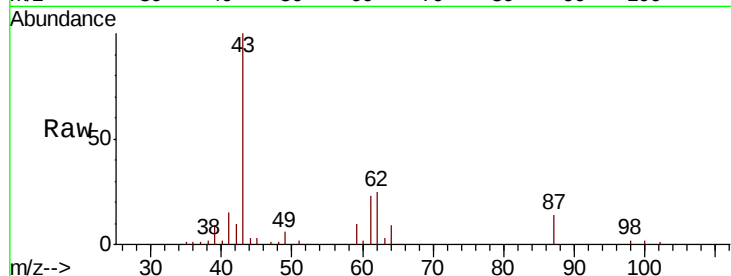
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	43	Resp:	27191
Ion	Ratio	Lower	Upper
43	100		
61	34.7	26.3	39.5
87	14.1	12.0	18.0

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#44

Trichloroethene

Concen: 41.295 ug/l

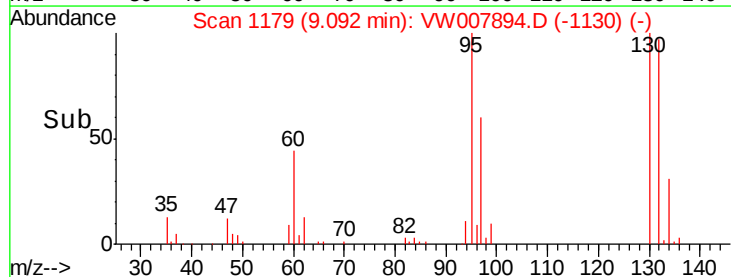
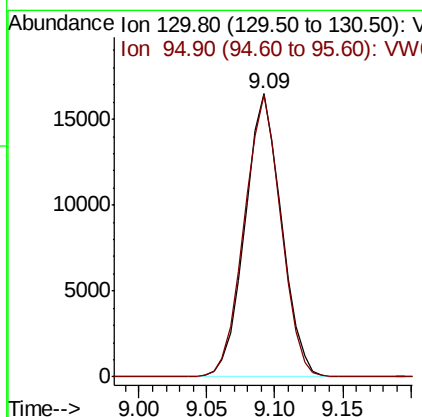
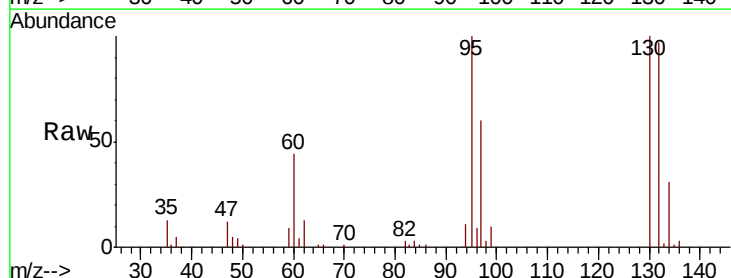
RT: 9.09 min Scan# 1179

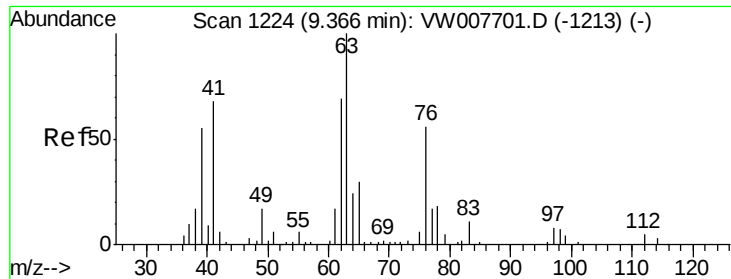
Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Tgt Ion:	130	Resp:	31075
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	194.8





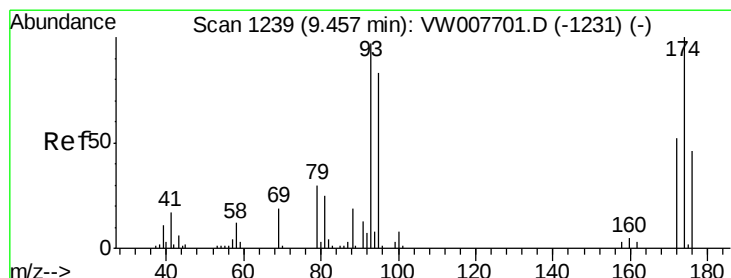
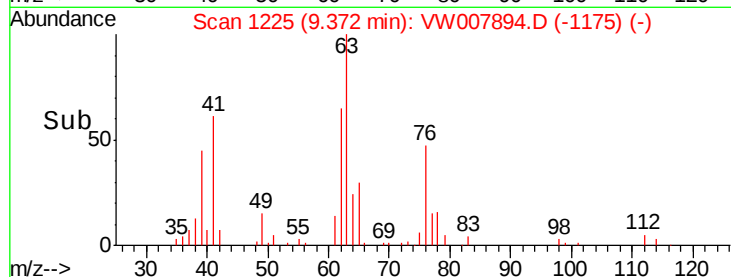
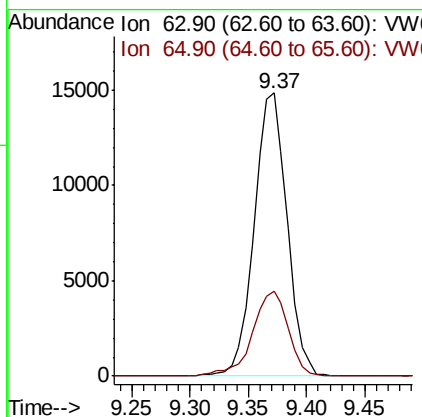
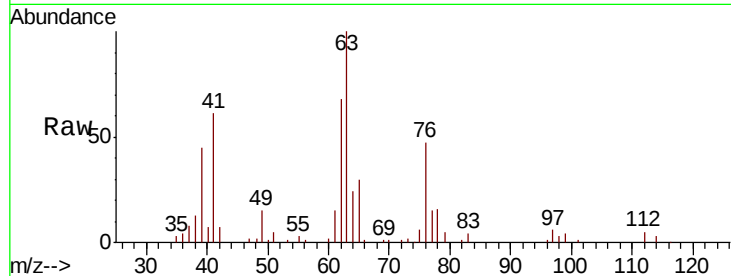
#45
 1,2-Dichloropropane
 Concen: 52.965 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion: 63 Resp: 29244
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.8 35.8

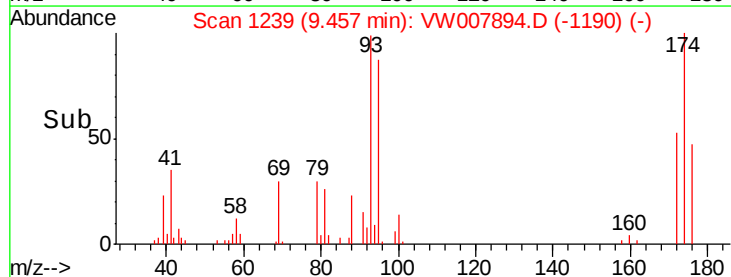
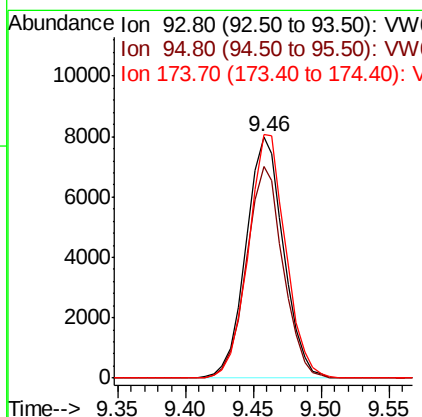
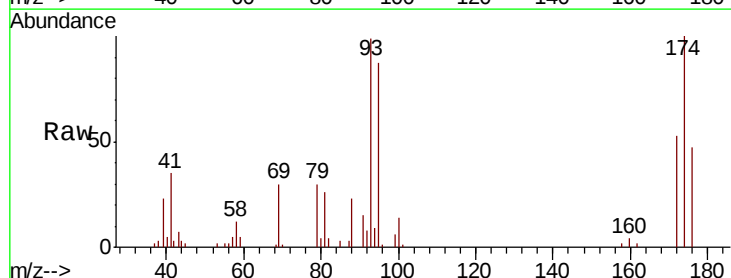
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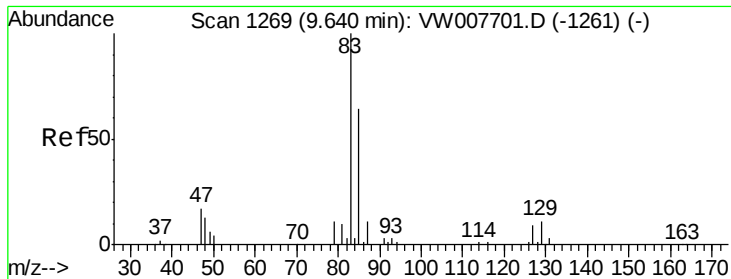
MMDadoda
 12/26/2018 4:39:09 PM



#46
 Dibromomethane
 Concen: 45.324 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Tgt Ion: 93 Resp: 15405
 Ion Ratio Lower Upper
 93 100
 95 86.0 67.5 101.3
 174 100.3 83.9 125.9





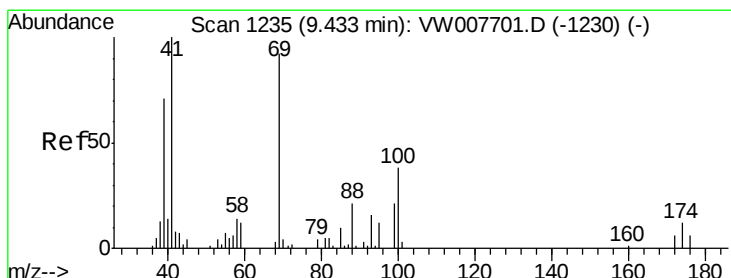
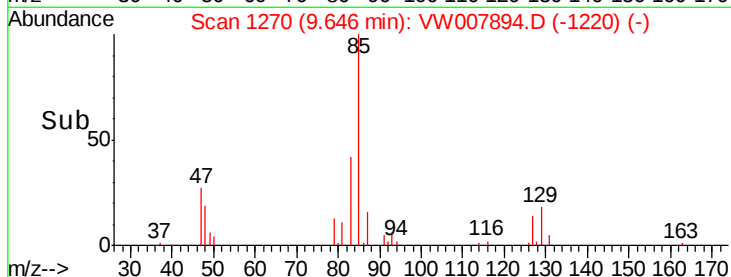
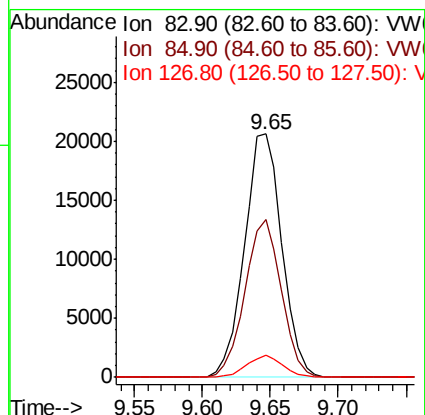
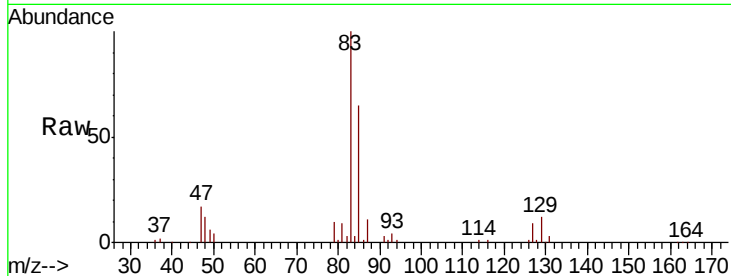
#47
Bromodichloromethane
Concen: 44.429 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	83	Resp	39699
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	51.4	77.0
127	9.2	7.5	11.3

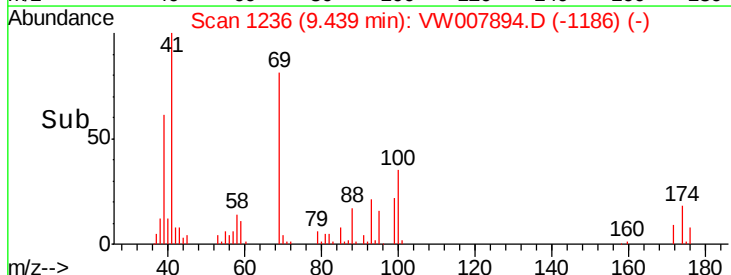
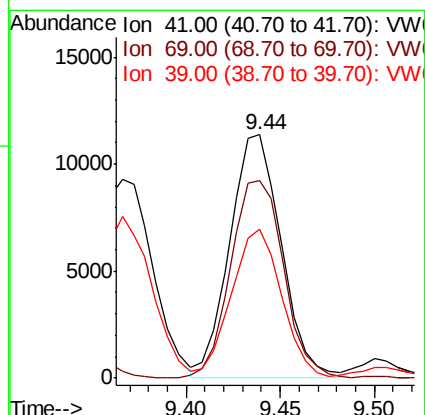
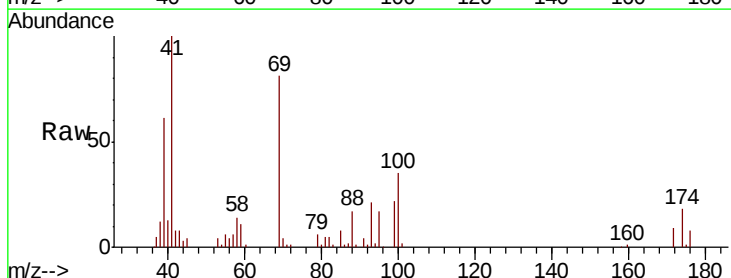
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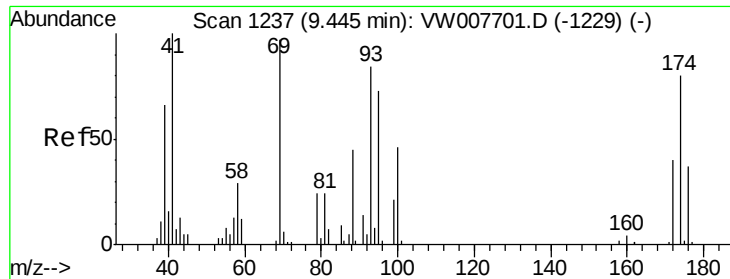
MMDadoda
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#48
Methyl methacrylate
Concen: 67.200 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	41	Resp	21627
Ion Ratio	100	Lower	Upper
41	100		
69	83.1	74.2	111.2
39	59.8	53.9	80.9





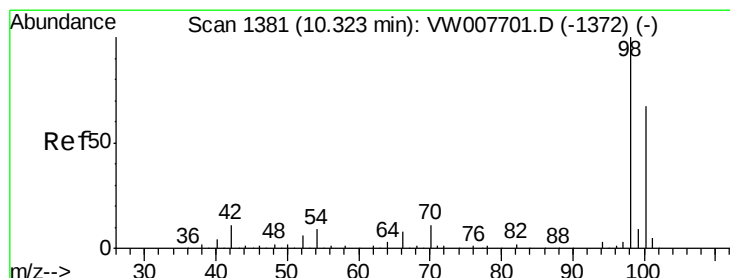
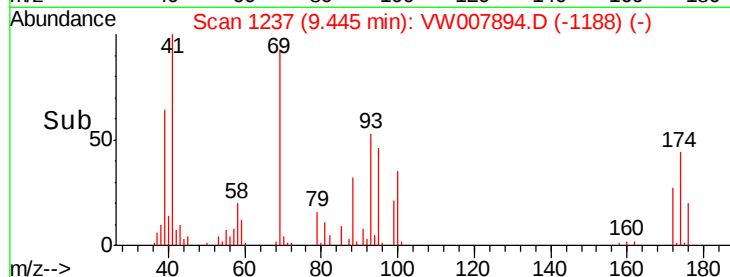
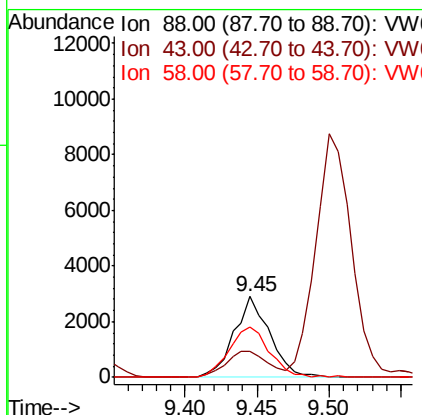
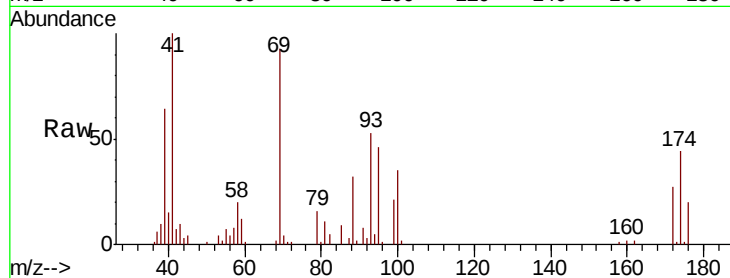
#49
1,4-Dioxane
Concen: 931.022 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	25.6	38.4#
58	69.3	52.3	78.5

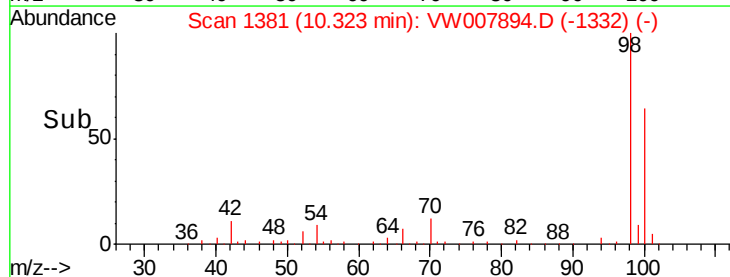
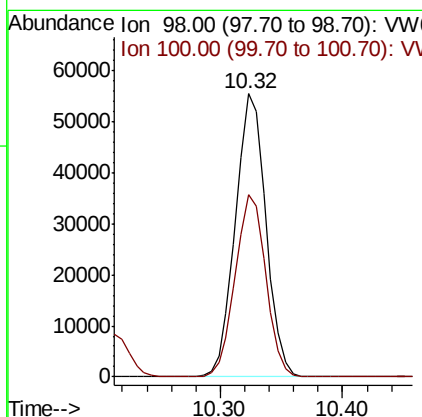
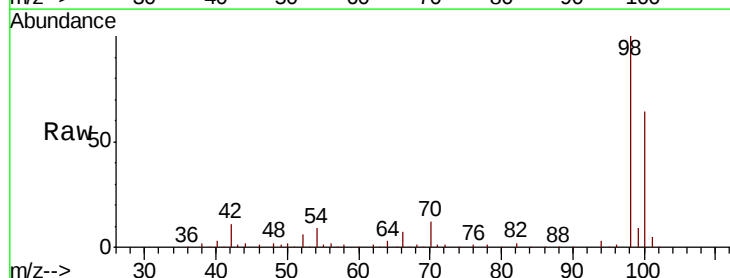
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#50
Toluene-d8
Concen: 43.133 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





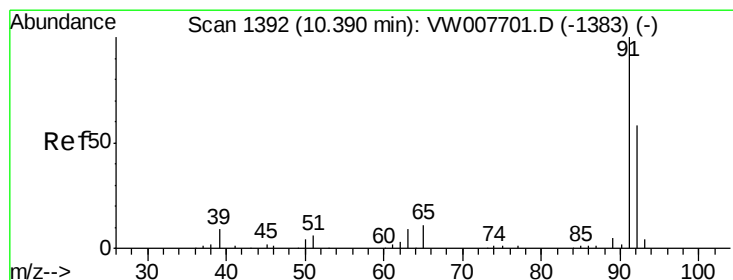
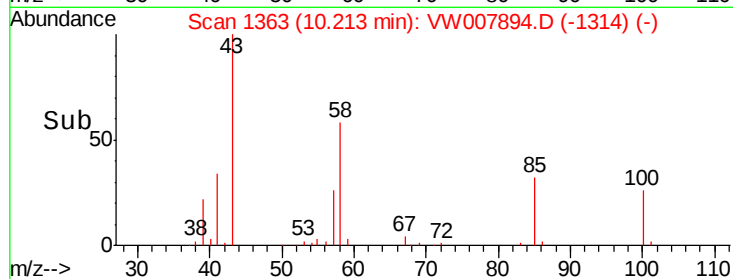
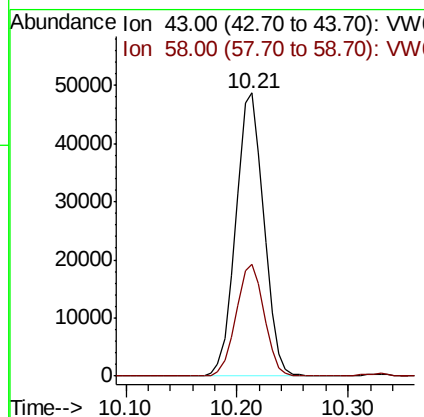
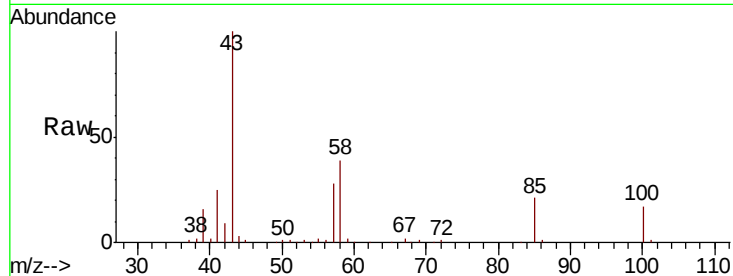
#51
4-Methyl-2-Pentanone
Concen: 278.304 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion: 43 Resp: 84801
Ion Ratio Lower Upper
43 100
58 39.5 33.2 49.8

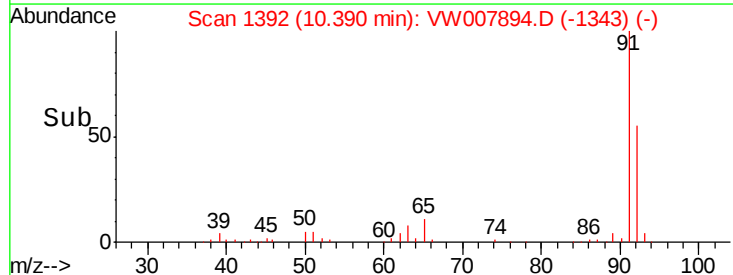
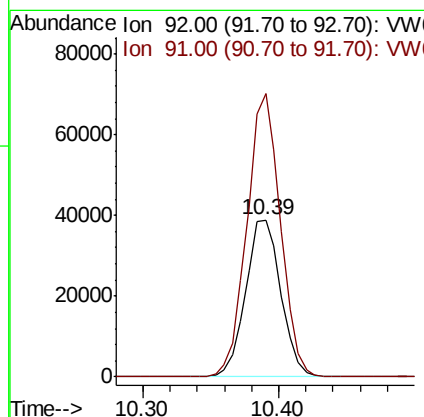
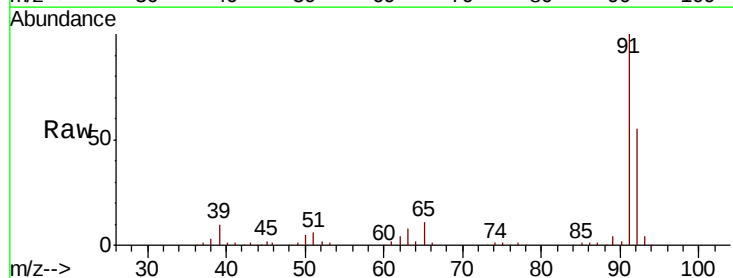
Manual Integrations
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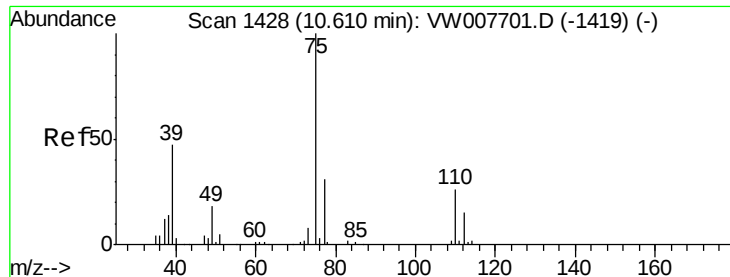
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#52
Toluene
Concen: 42.182 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion: 92 Resp: 70423
Ion Ratio Lower Upper
92 100
91 172.1 137.0 205.4





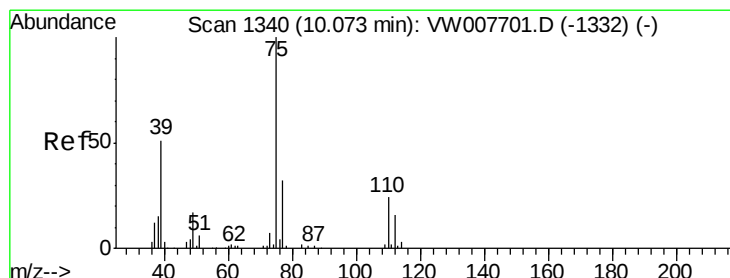
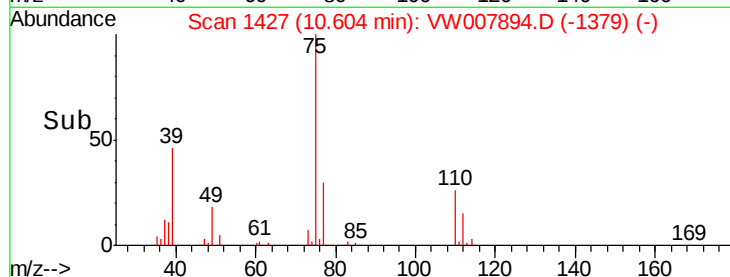
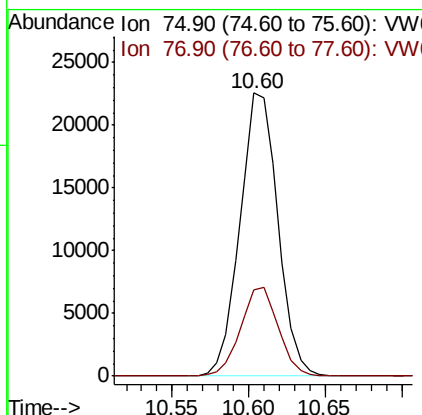
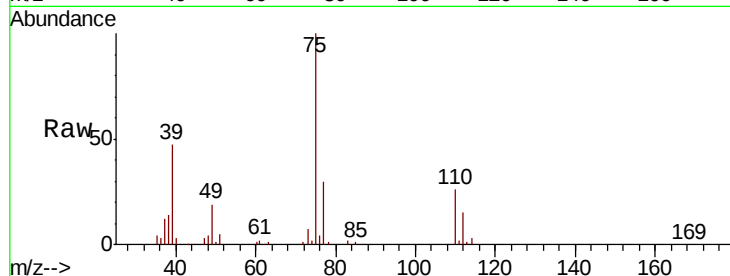
#53
t-1,3-Dichloropropene
Concen: 43.725 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.2	37.8

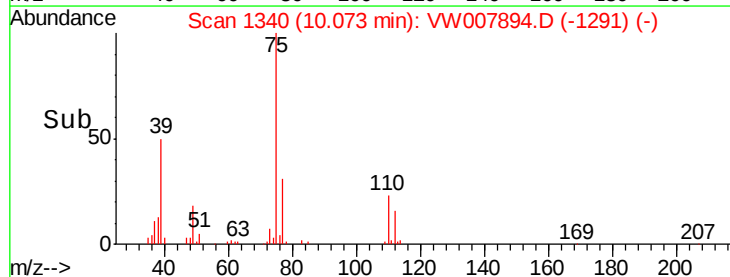
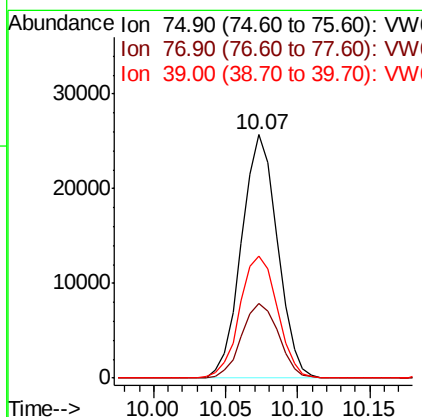
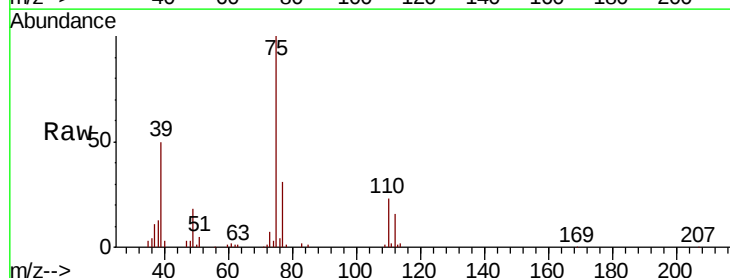
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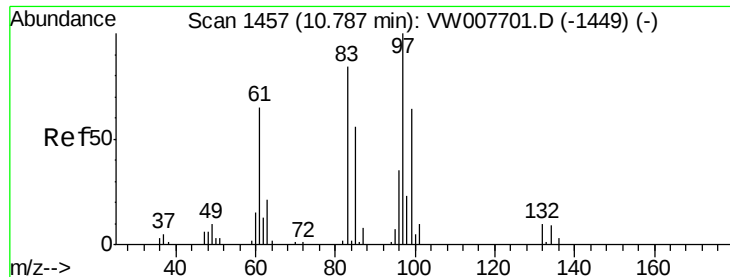
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#54
cis-1,3-Dichloropropene
Concen: 45.426 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.5	38.3
39	50.0	41.2	61.8





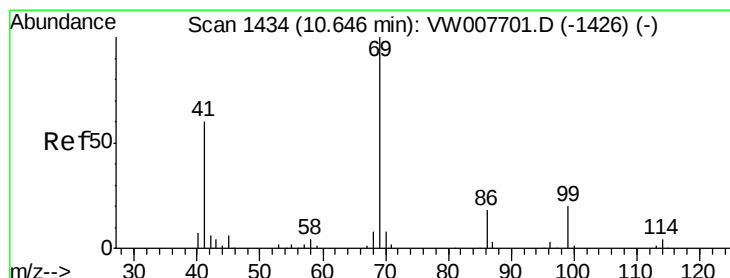
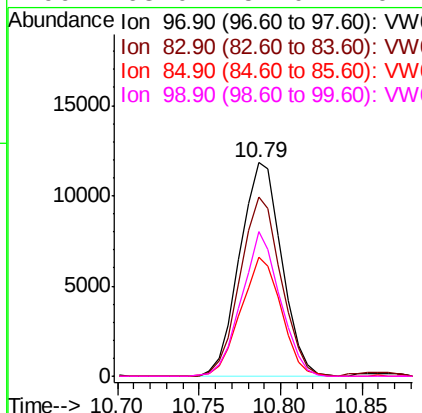
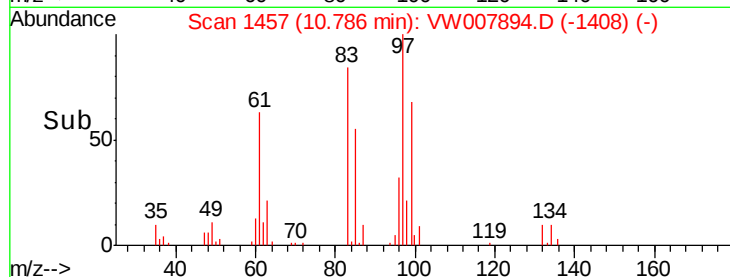
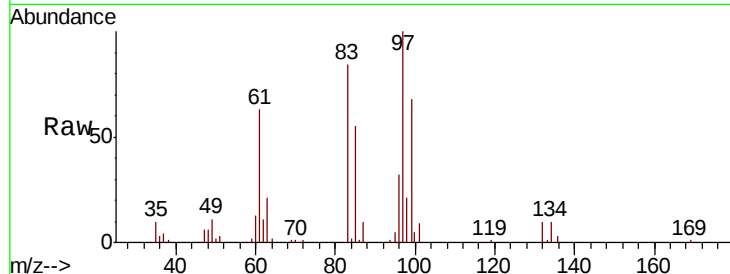
#55
 1,1,2-Trichloroethane
 Concen: 45.288 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion:	97	Resp:	21220
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.5	101.3
85	55.5	44.8	67.2
99	68.0	51.0	76.4

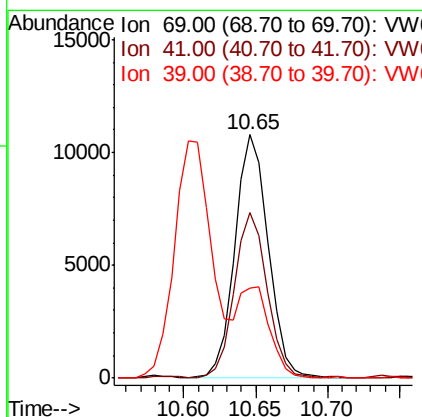
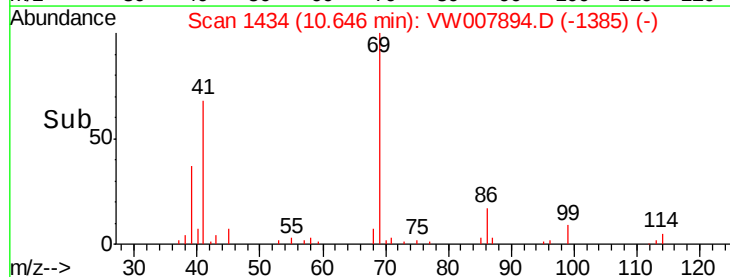
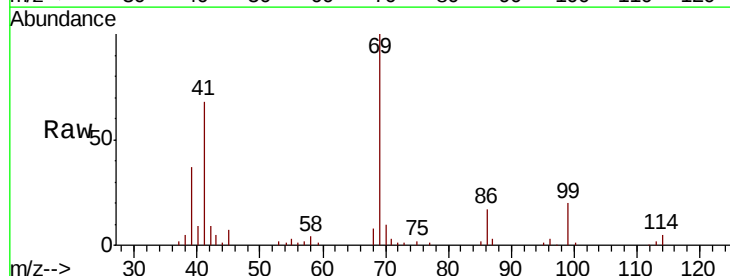
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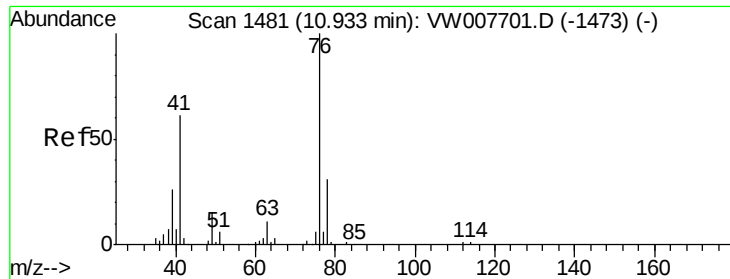
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 12/26/2018 4:39:09 PM



#56
 Ethyl methacrylate
 Concen: 31.421 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Tgt Ion:	69	Resp:	17395
Ion	Ratio	Lower	Upper
69	100		
41	67.2	48.9	73.3
39	33.8	31.3	46.9





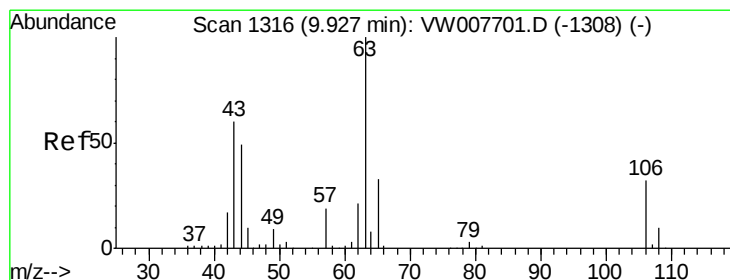
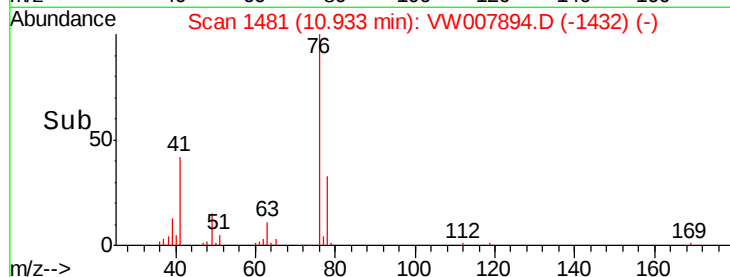
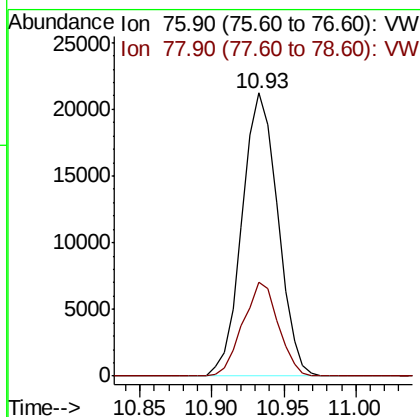
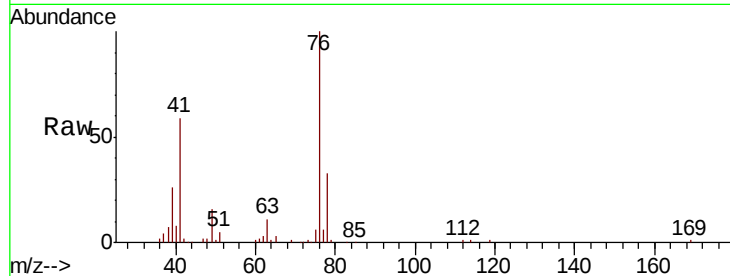
#57
 1,3-Dichloropropane
 Concen: 46.934 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.2

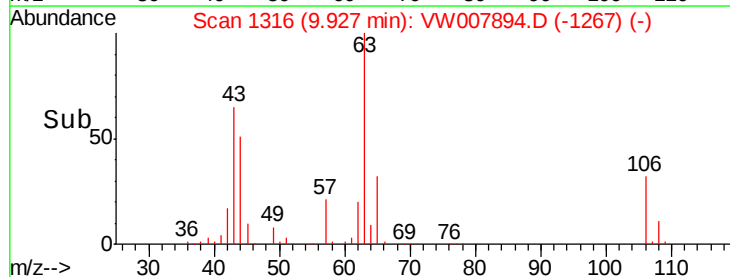
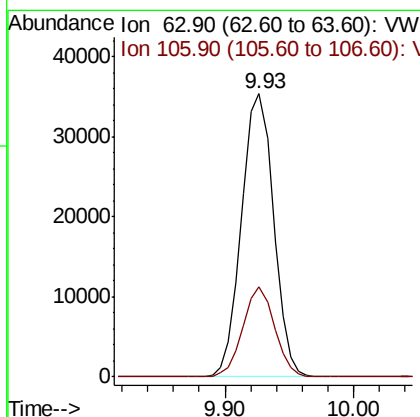
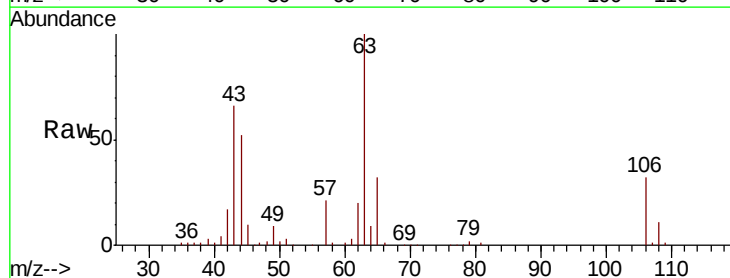
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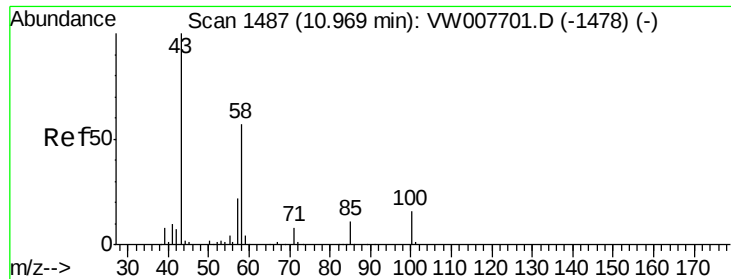
MMDadoda
 12/26/2018 4:39:09 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.350 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.9	38.9





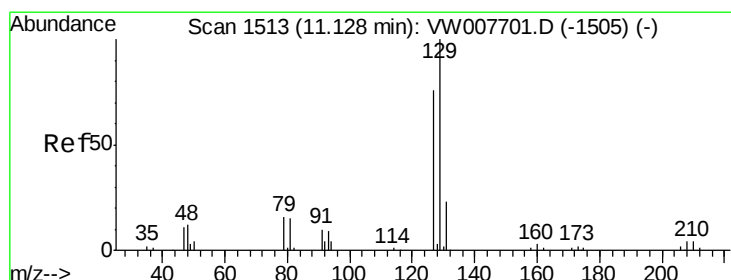
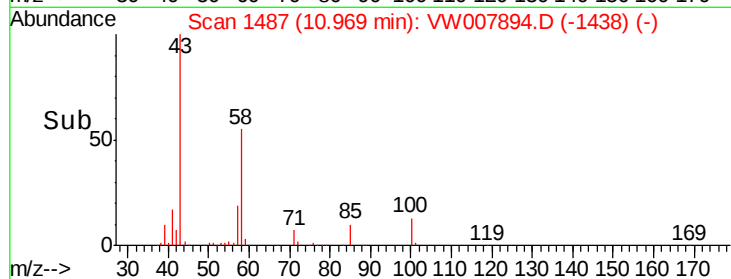
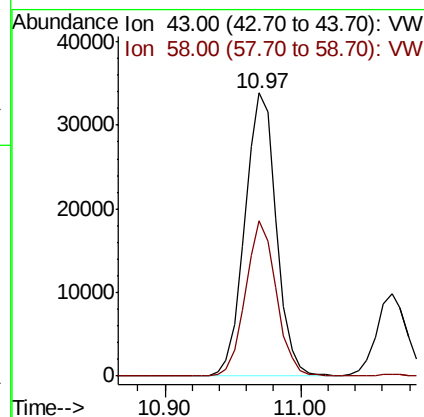
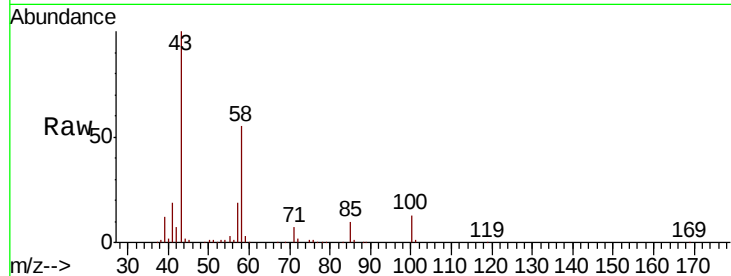
#59
2-Hexanone
Concen: 255.816 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion: 43 Resp: 54819
Ion Ratio Lower Upper
43 100
58 53.3 27.7 83.1

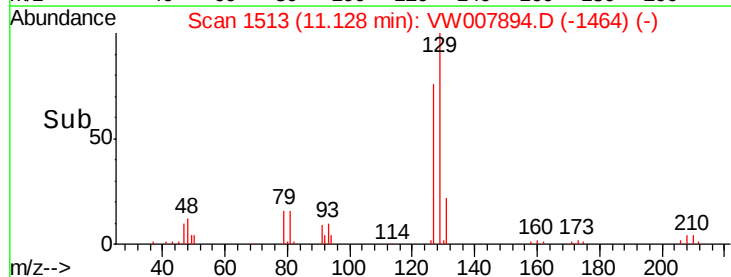
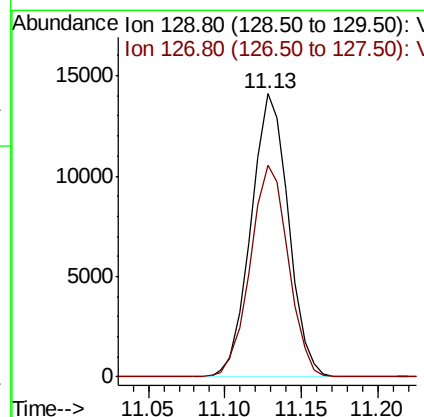
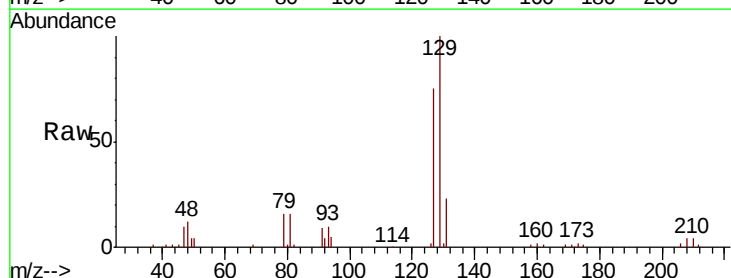
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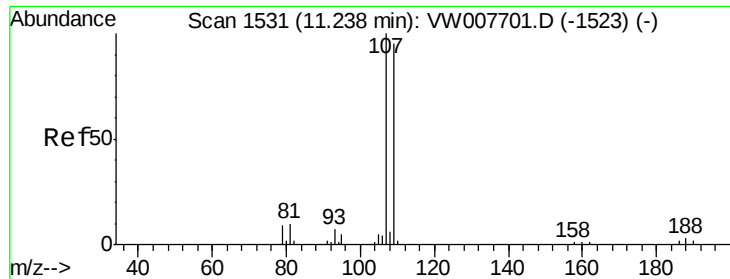
MMDadoda
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#60
Dibromochloromethane
Concen: 38.734 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion:129 Resp: 24031
Ion Ratio Lower Upper
129 100
127 75.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 42.504 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:107 Resp: 20168

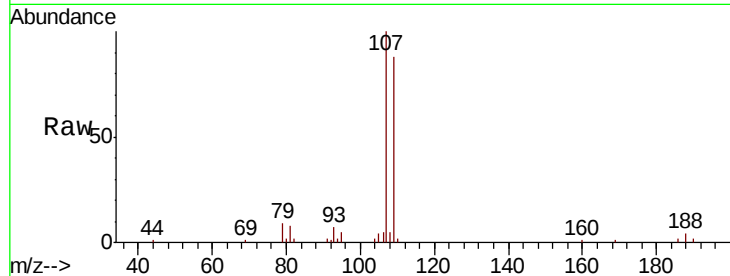
Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.0

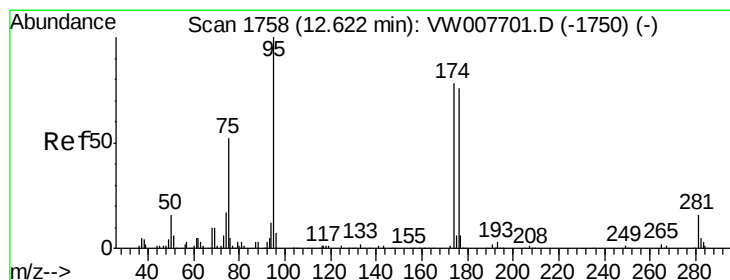
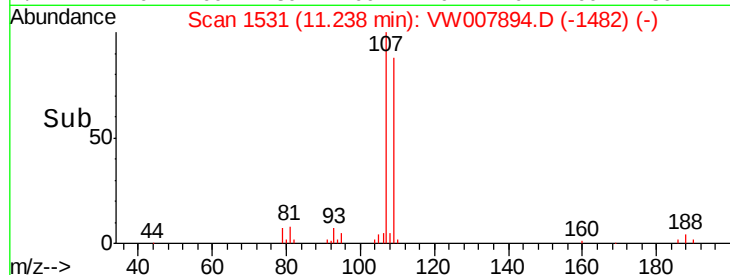
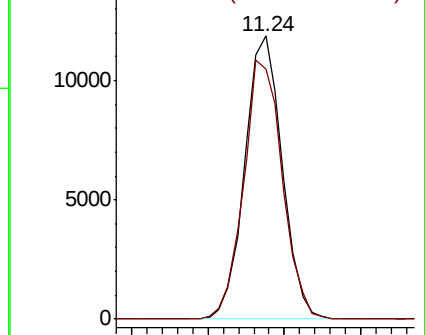
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 31.383 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

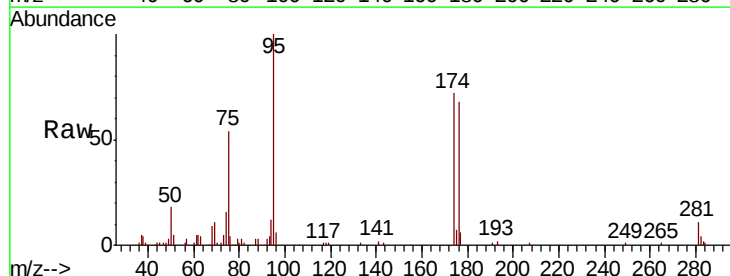
Tgt Ion: 95 Resp: 26939

Ion Ratio Lower Upper

95 100

174 72.7 0.0 152.2

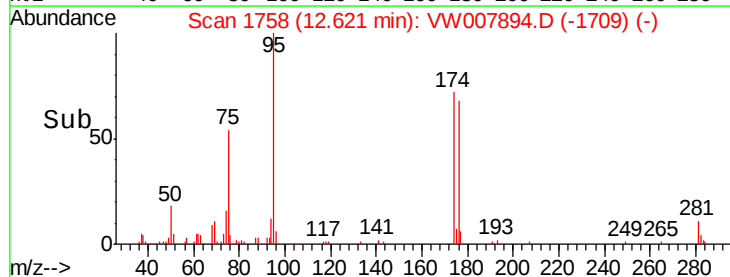
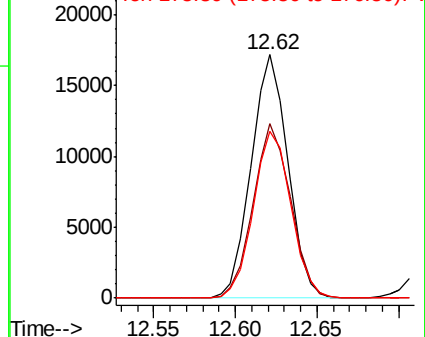
176 70.0 0.0 146.8

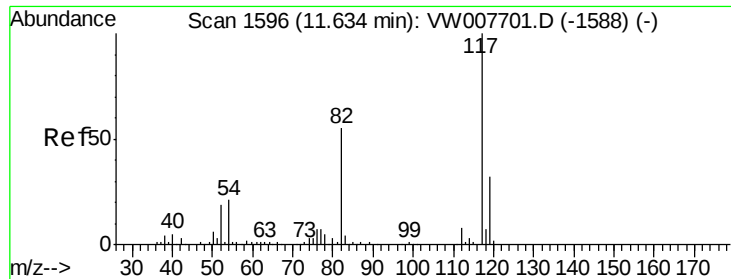


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





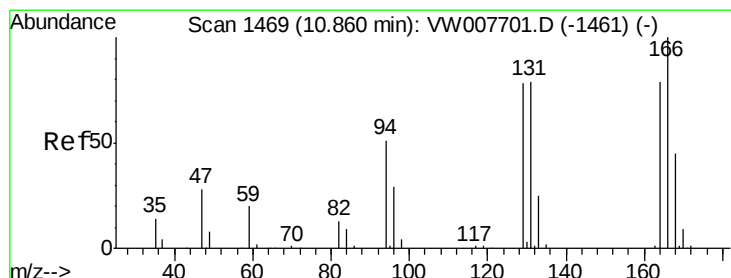
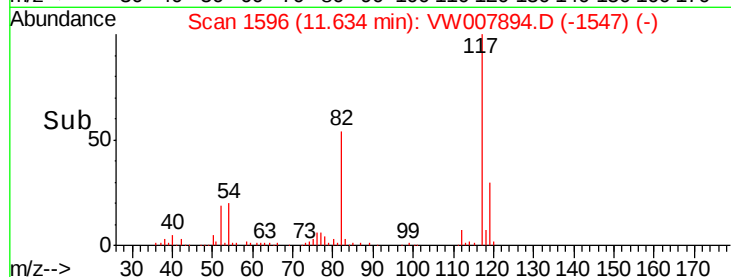
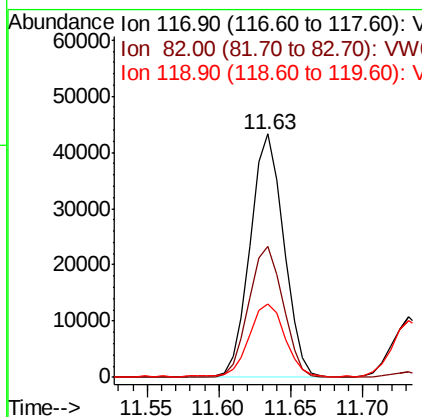
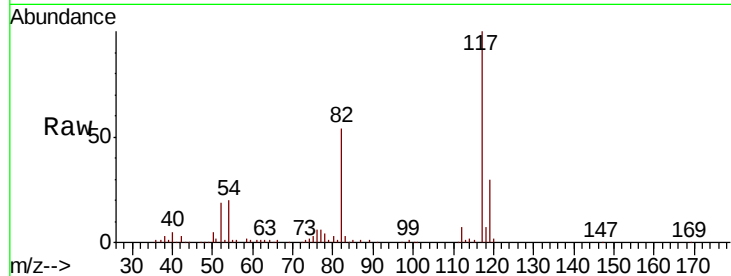
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.3	66.5
119	30.0	25.7	38.5

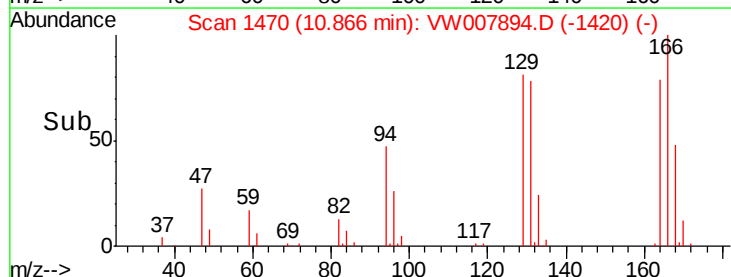
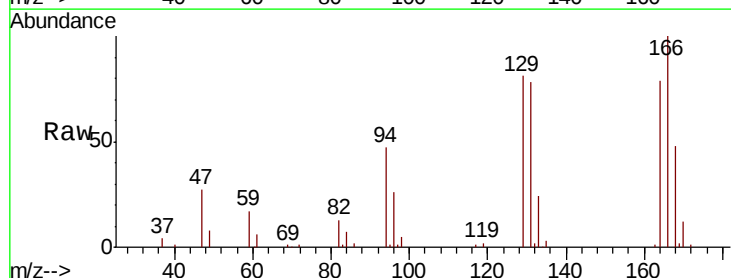
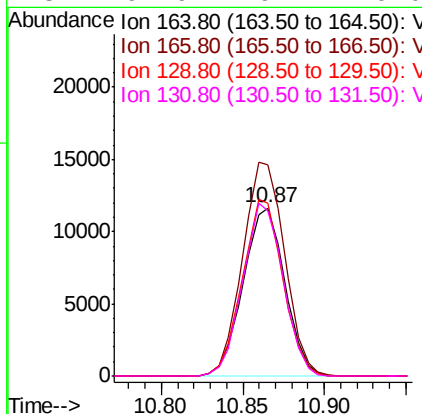
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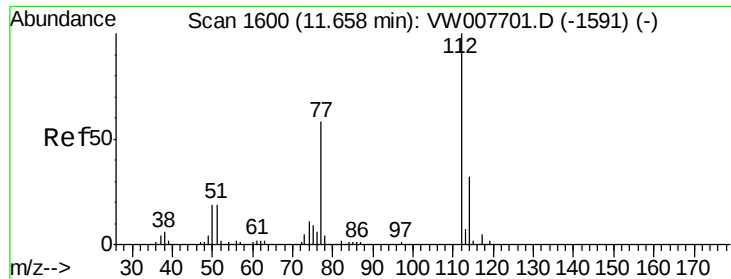
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#64
Tetrachloroethene
Concen: 41.854 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	101.0	151.6
129	102.5	78.7	118.1
131	97.9	79.4	119.0





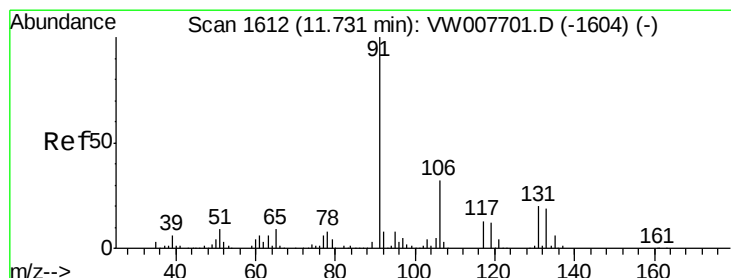
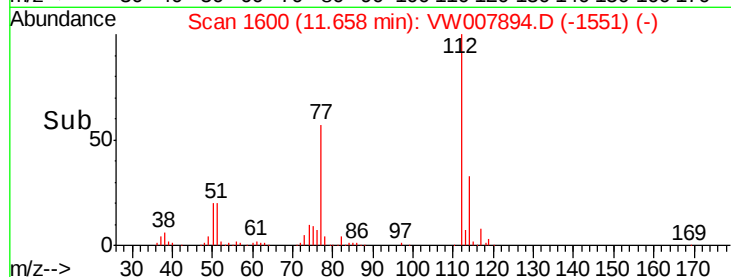
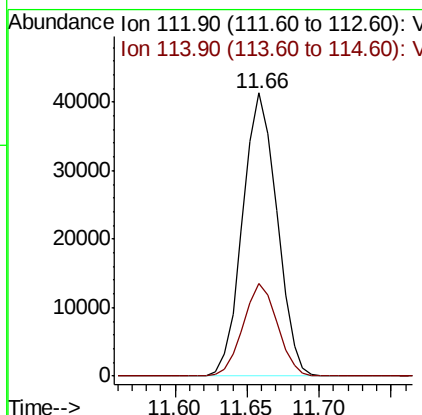
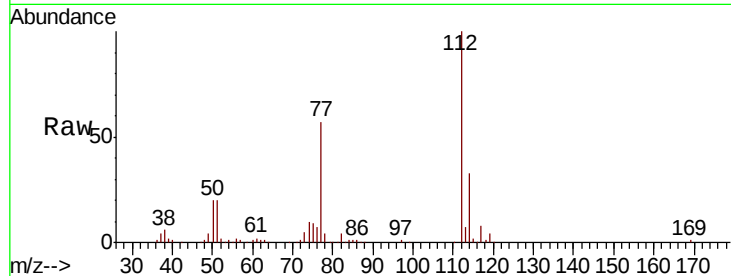
#65
Chlorobenzene
Concen: 45.263 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion:112 Resp: 68437
Ion Ratio Lower Upper
112 100
114 33.0 25.2 37.8

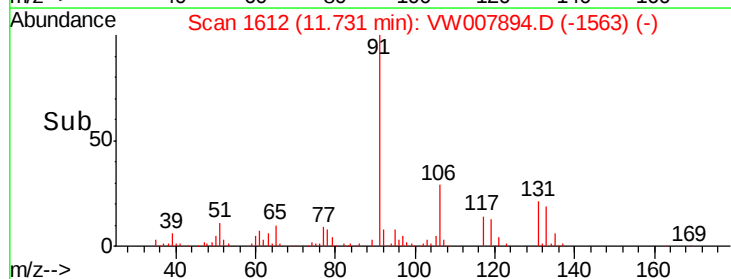
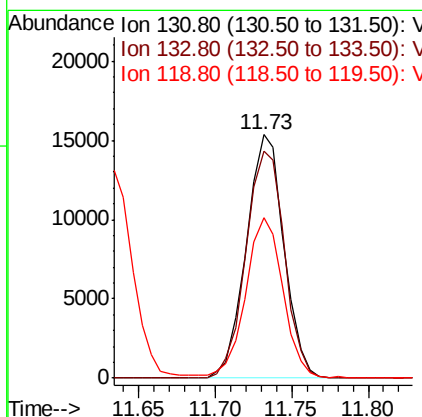
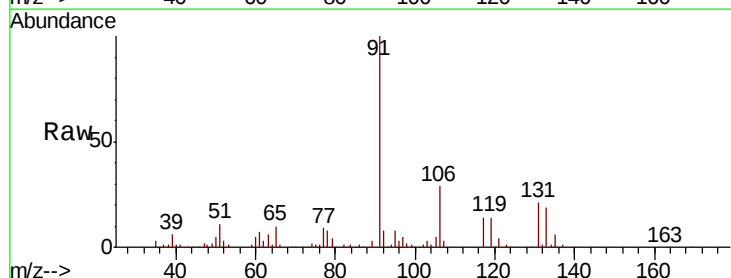
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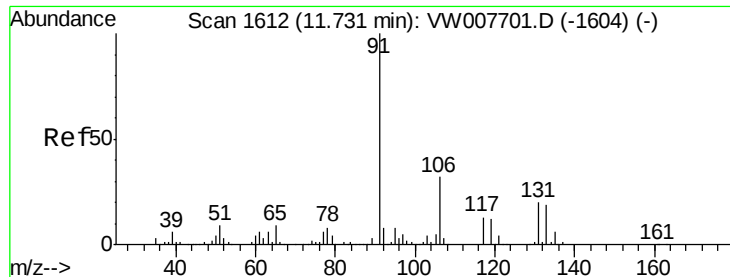
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.610 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion:131 Resp: 26262
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 65.8 30.2 90.6





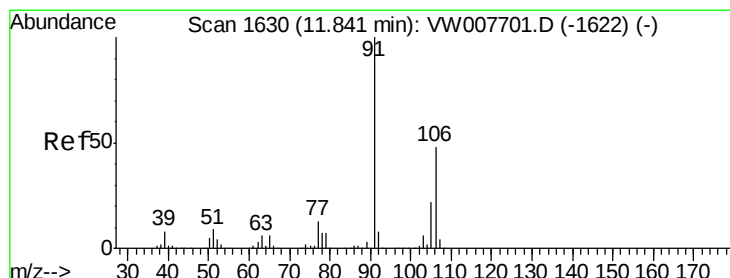
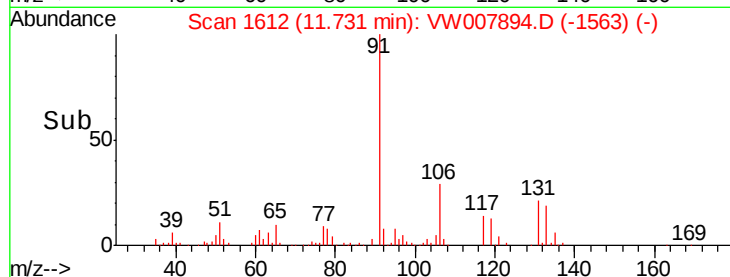
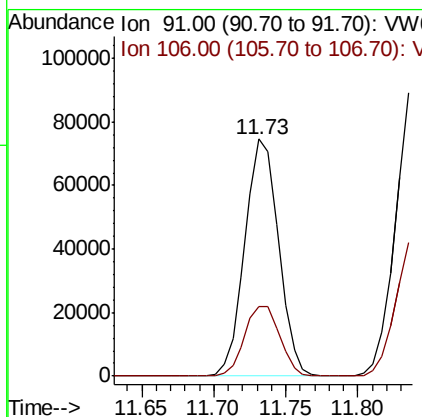
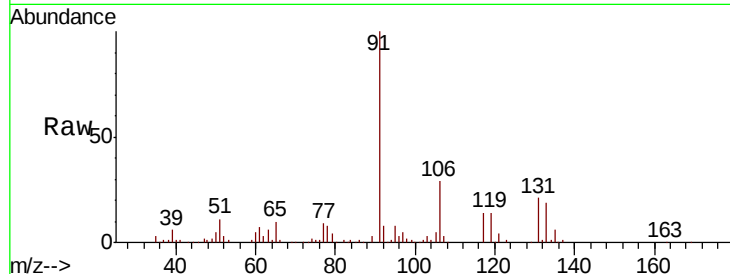
#67
Ethyl Benzene
Concen: 46.685 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.4	25.8	38.8

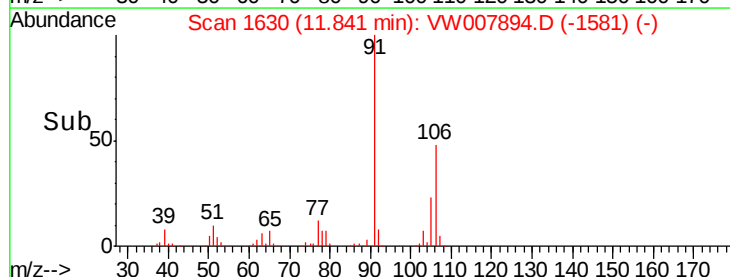
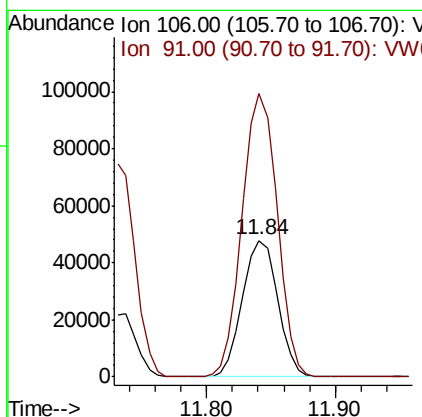
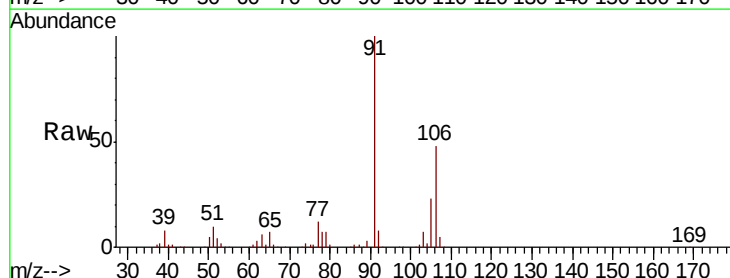
Manual Integrations
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#68
m/p-Xylenes
Concen: 90.314 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.8	165.2	247.8





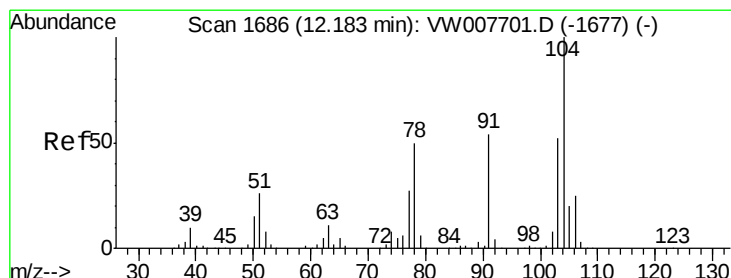
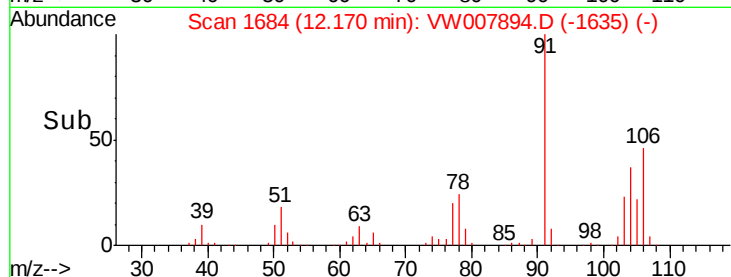
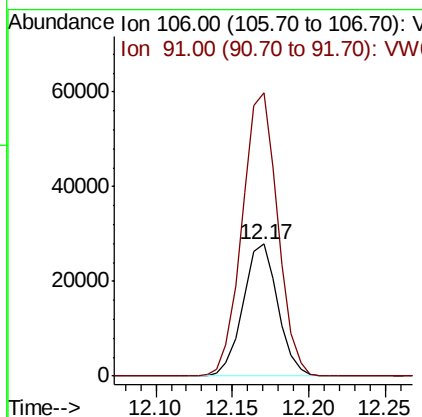
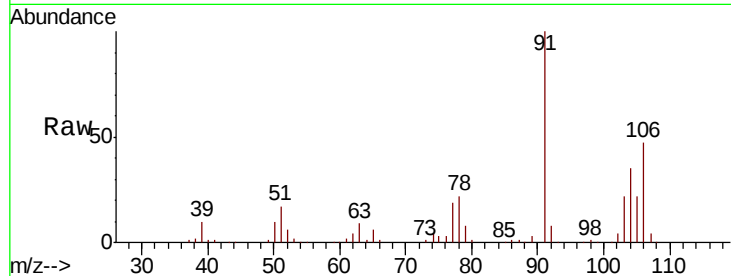
#69
o-Xylene
Concen: 46.718 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion:106 Resp: 44075
Ion Ratio Lower Upper
106 100
91 218.7 110.5 331.4

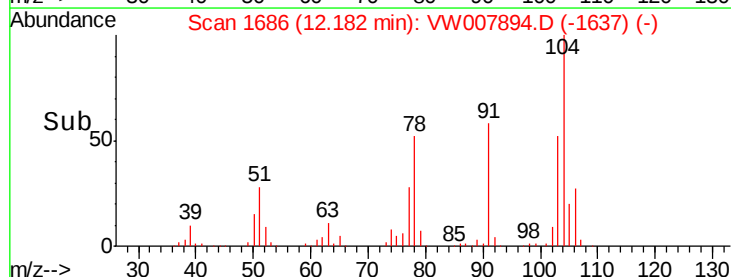
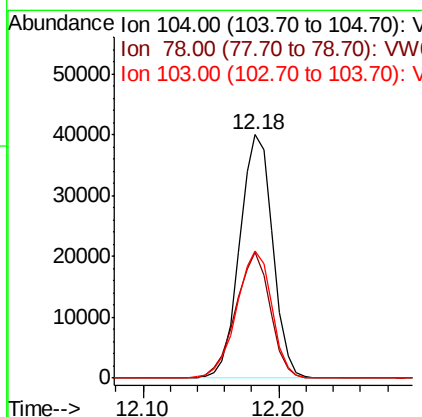
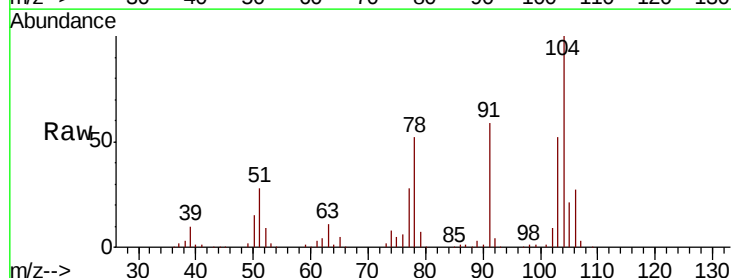
Manual Integrations
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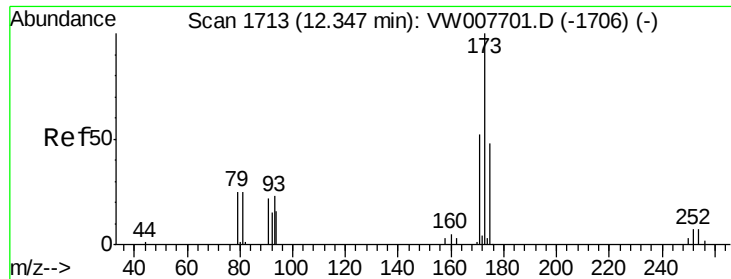
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#70
Styrene
Concen: 43.703 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion:104 Resp: 67775
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 55.6 44.5 66.7





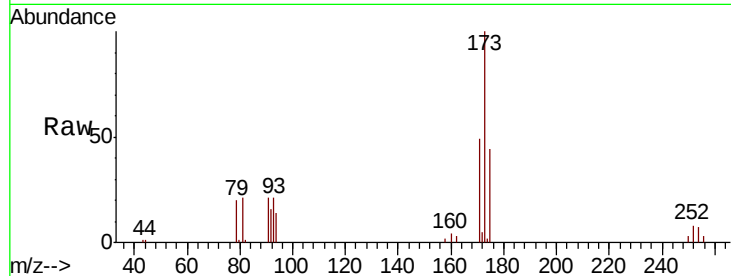
#71
Bromoform
Concen: 39.992 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

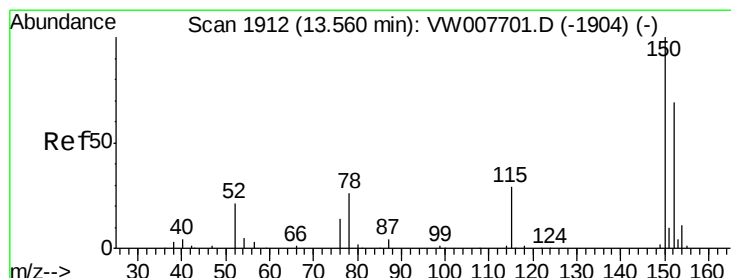
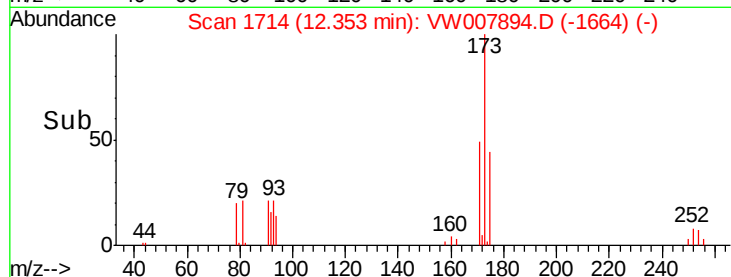
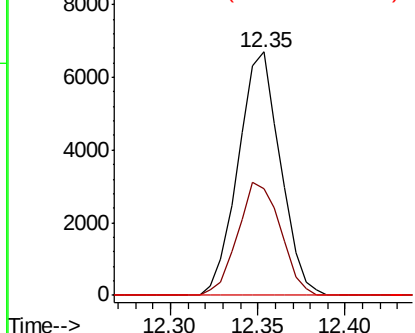
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	23.9	71.7
254	0.0	0.0	0.0

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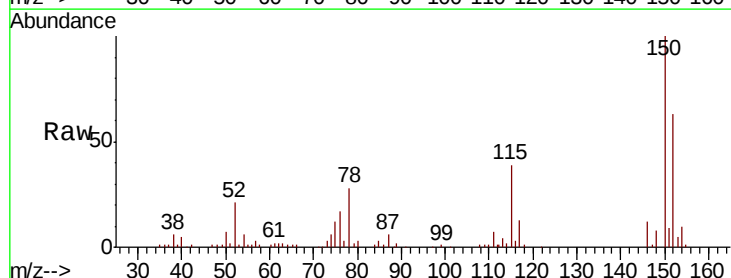


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

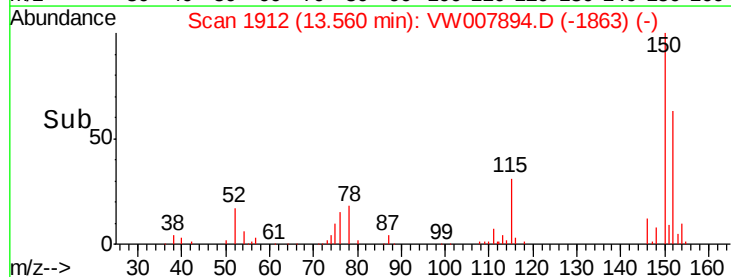
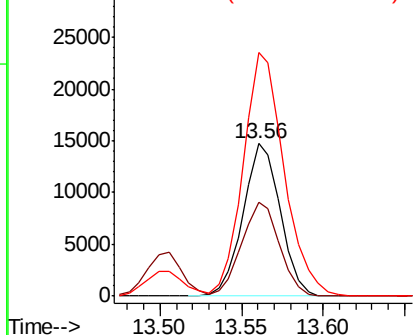


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.8	95.4
150	175.0	0.0	350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 63.227 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion: 105 Resp: 111706

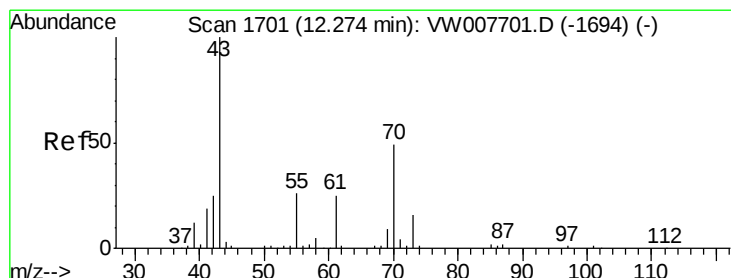
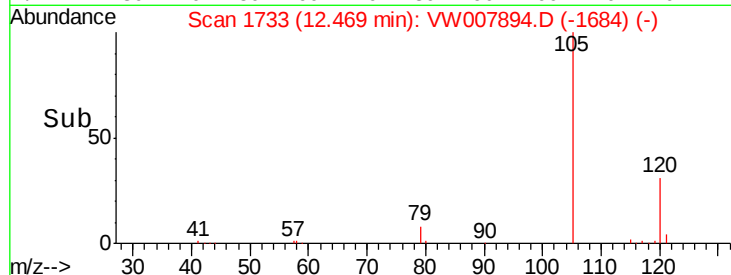
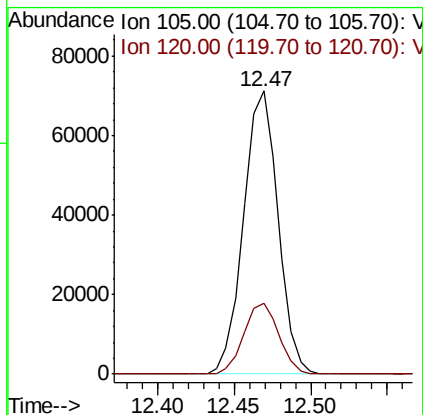
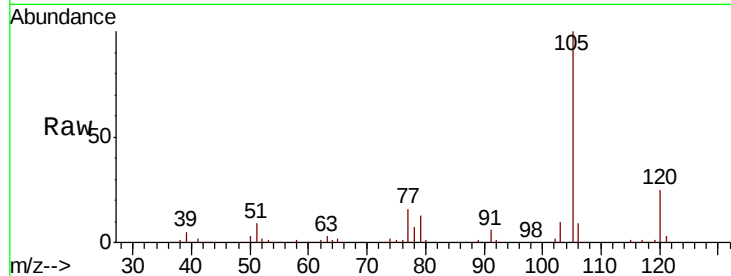
Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3

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#74

N-ethyl acetate

Concen: 47.310 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Tgt Ion: 43 Resp: 14478

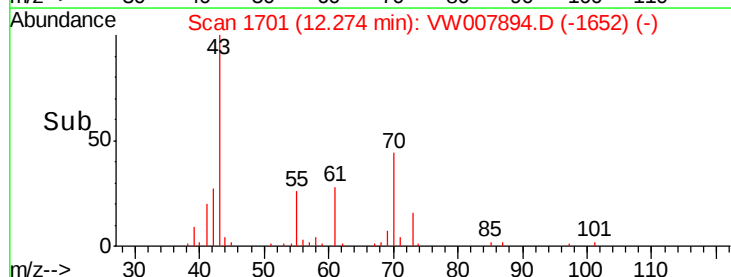
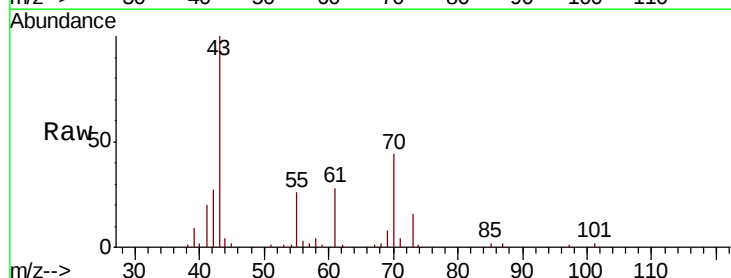
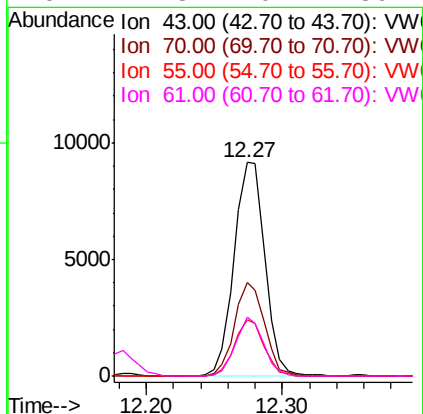
Ion Ratio Lower Upper

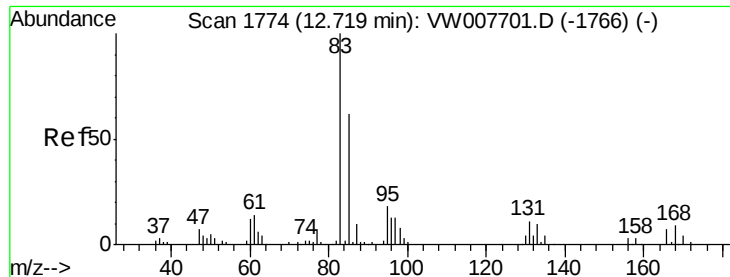
43 100

70 42.3 37.6 56.4

55 24.9 21.7 32.5

61 24.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 75.260 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

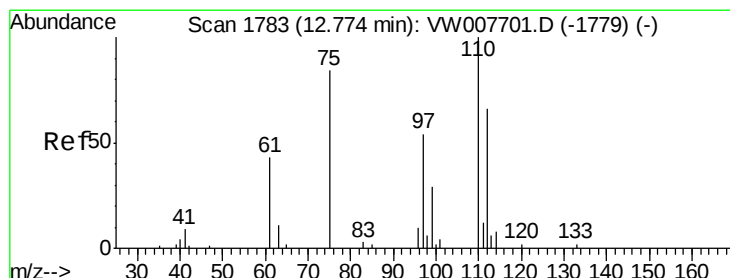
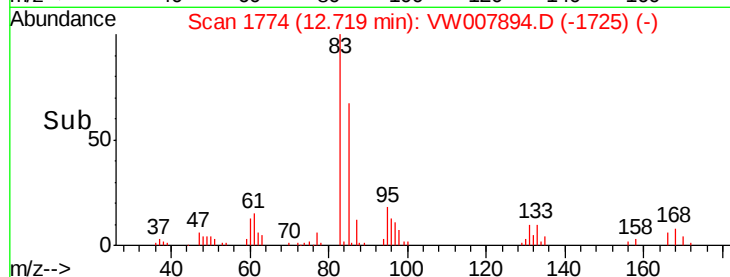
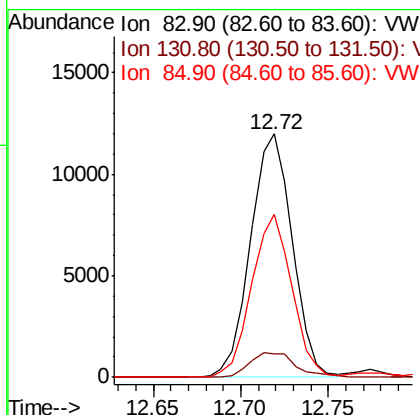
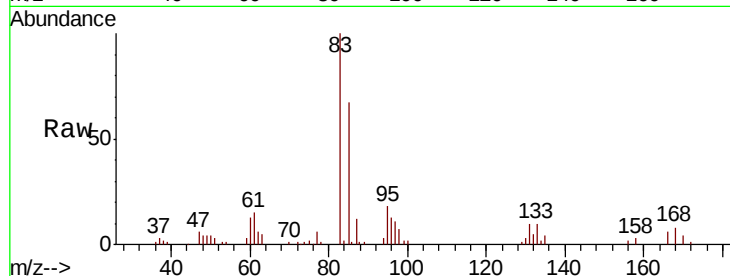
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	83	Resp:	19936
Ion Ratio	Lower	Upper	
83	100		
131	11.2	6.3	18.8
85	64.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 89.205 ug/l m

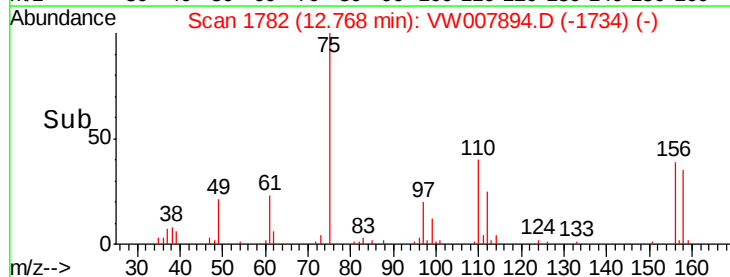
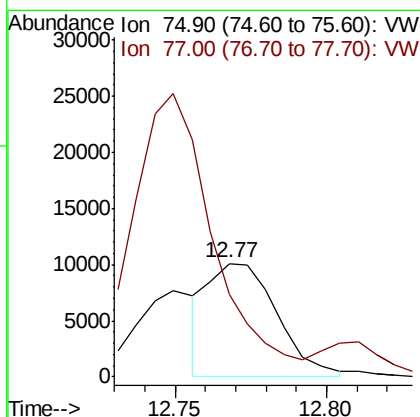
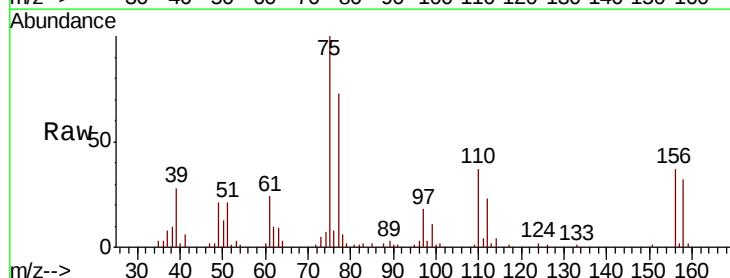
RT: 12.77 min Scan# 1782

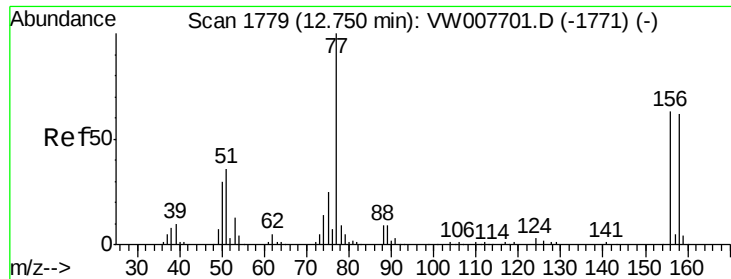
Delta R.T. -0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Tgt Ion:	75	Resp:	16115
Ion Ratio	Lower	Upper	
75	100		
77	292.2	0.0	0.0#





#77

Bromobenzene

Concen: 59.636 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Instrument :

MSVOA_W

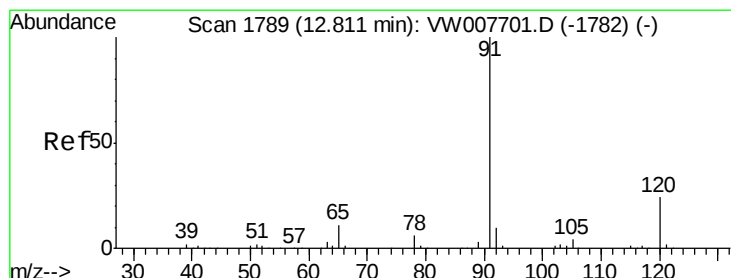
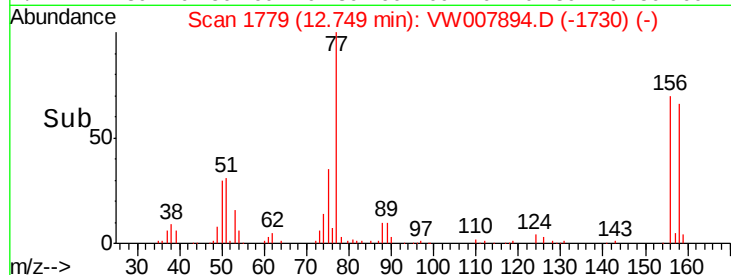
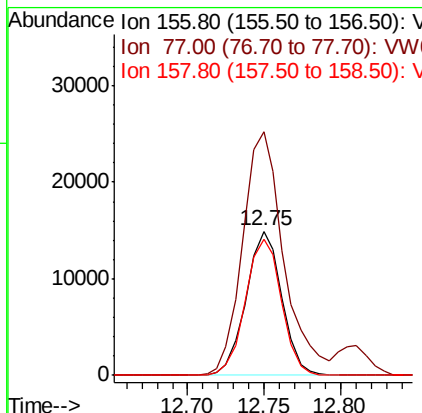
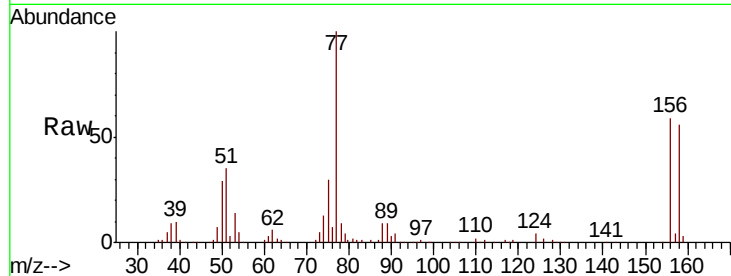
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	195.0	87.4	262.1	
158	95.0	48.4	145.0	

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#78

n-propylbenzene

Concen: 57.147 ug/l

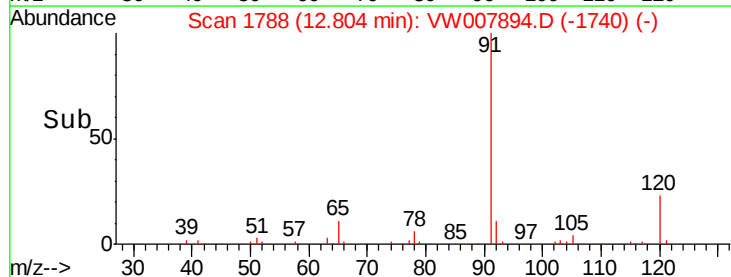
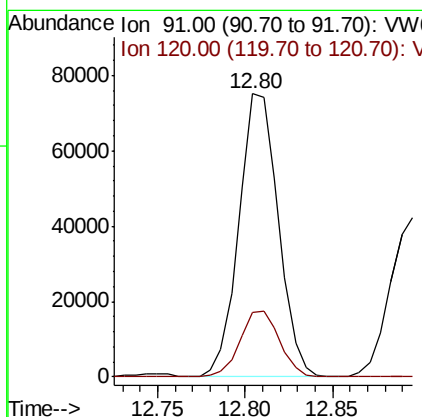
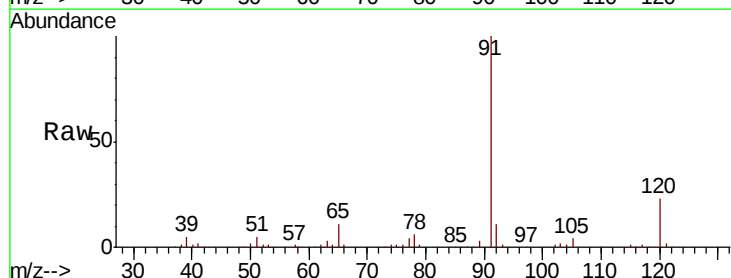
RT: 12.80 min Scan# 1788

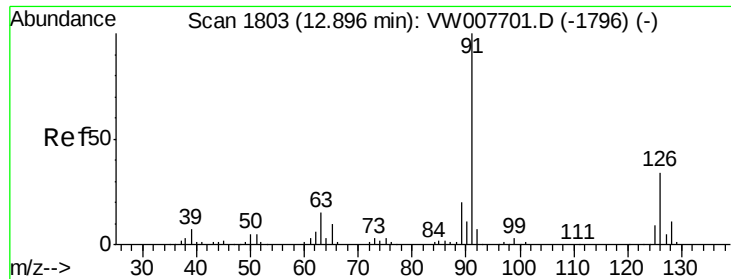
Delta R.T. -0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.3	11.9	35.7	





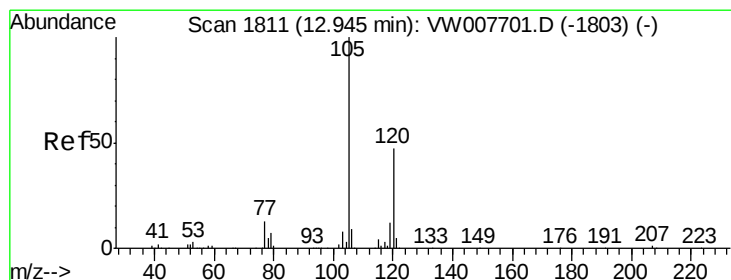
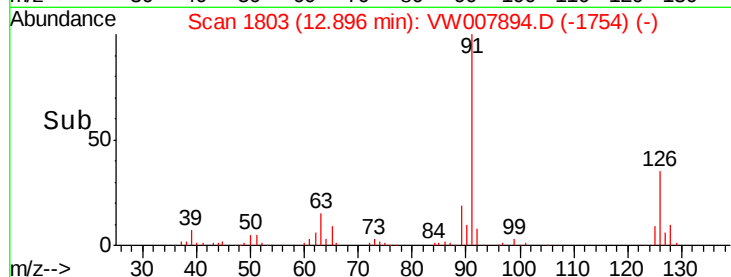
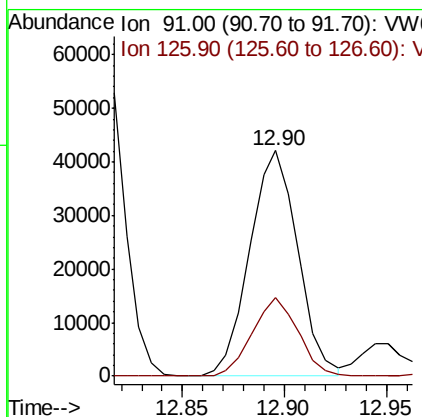
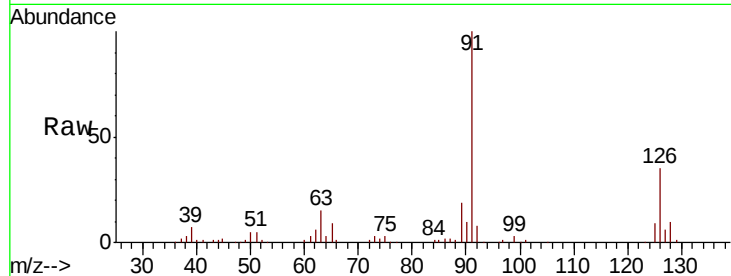
#79
2-Chlorotoluene
Concen: 57.483 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion: 91 Resp: 68869
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0

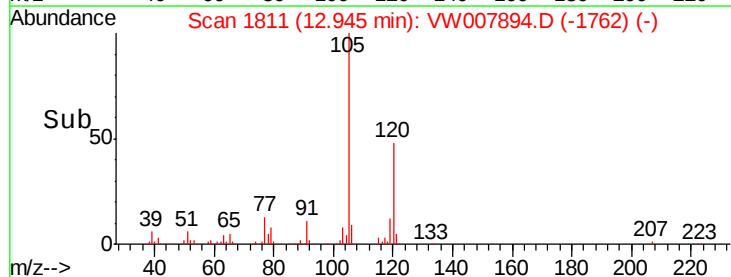
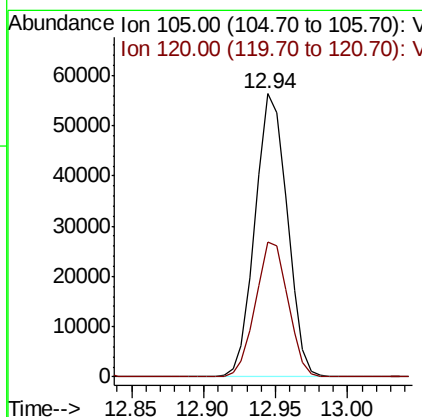
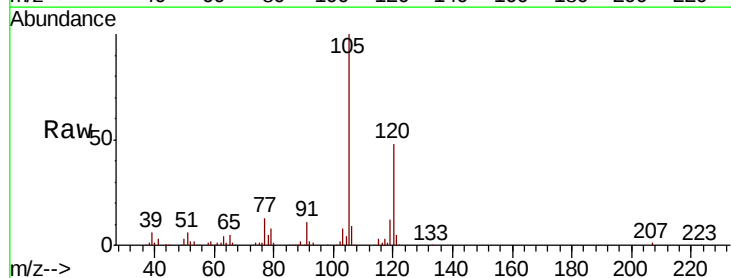
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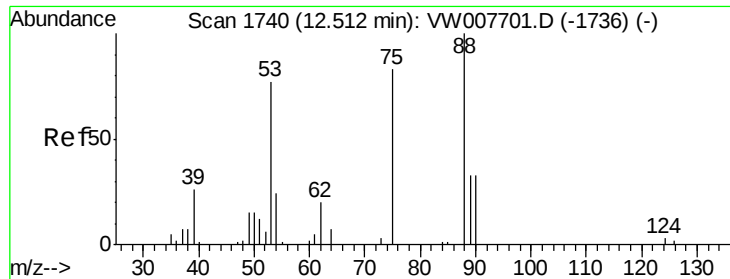
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#80
1,3,5-Trimethylbenzene
Concen: 57.061 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion: 105 Resp: 86957
Ion Ratio Lower Upper
105 100
120 48.0 23.6 70.8





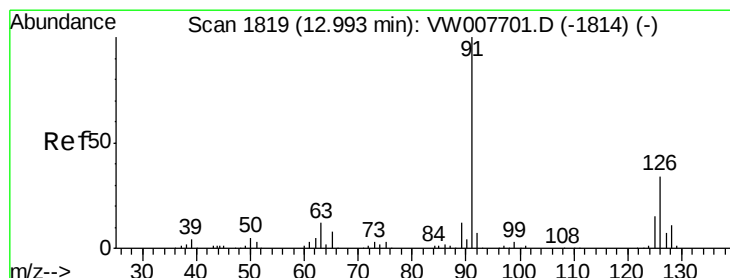
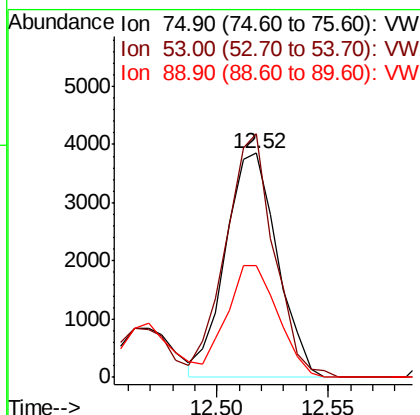
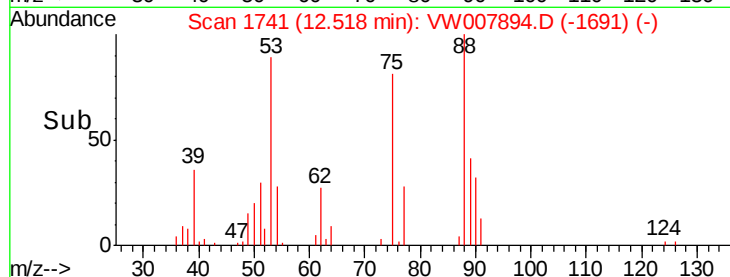
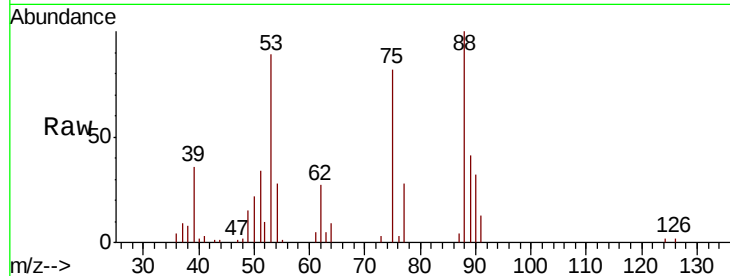
#81
trans-1,4-Dichloro-2-butene
Concen: 72.564 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.3	80.2	120.2
89	49.0	39.2	58.8

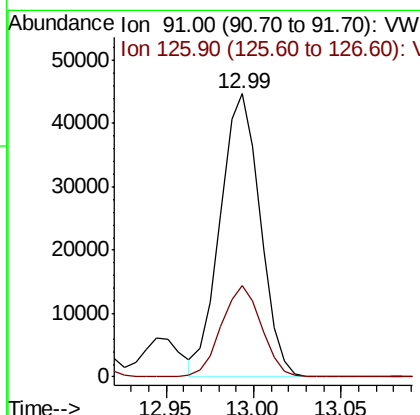
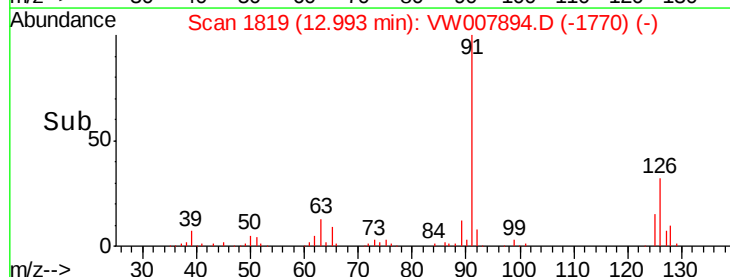
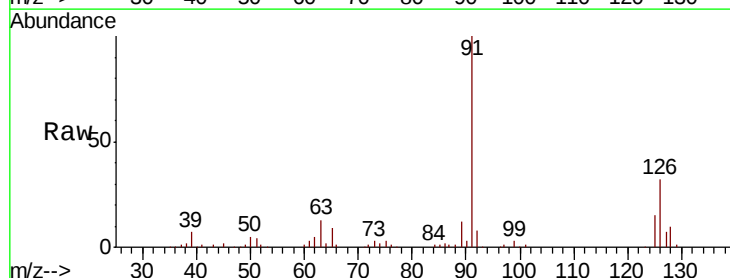
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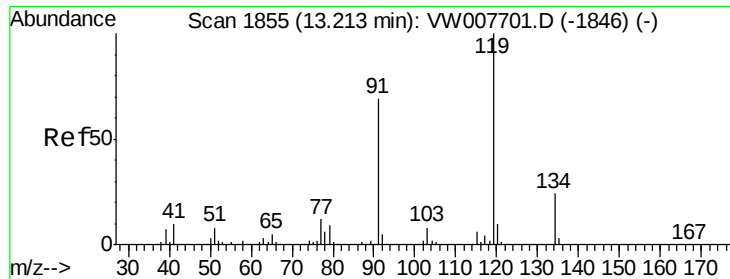
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#82
4-Chlorotoluene
Concen: 55.777 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.5	49.5





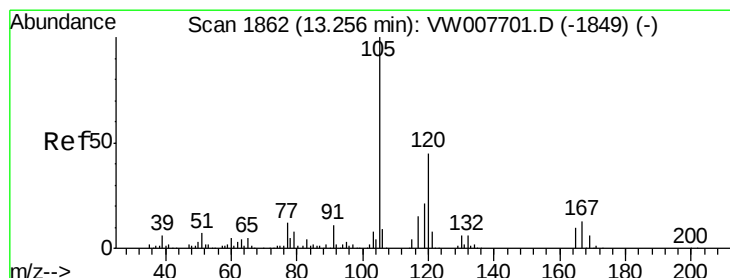
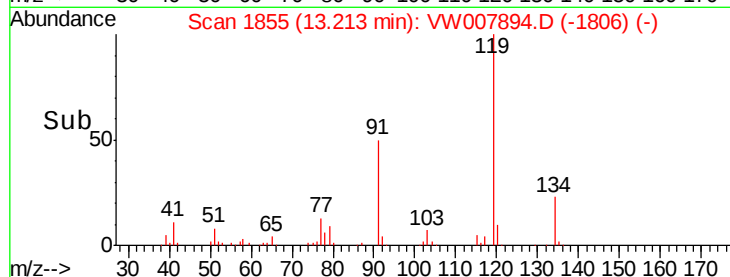
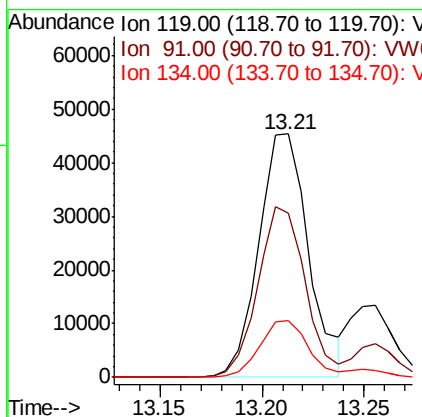
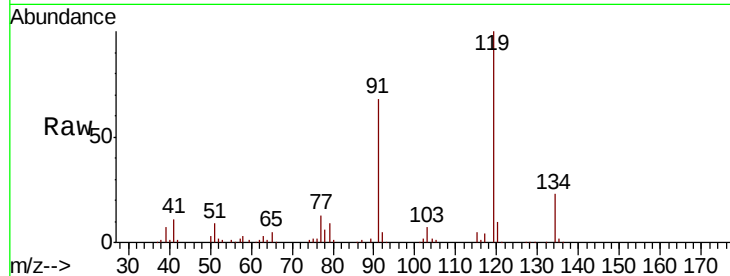
#83
tert-Butylbenzene
Concen: 57.857 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	34.2	102.5
134	22.5	12.8	38.4

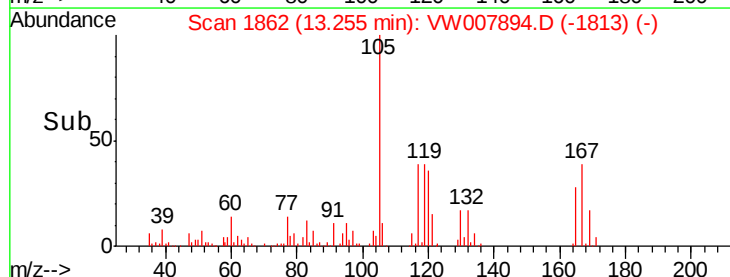
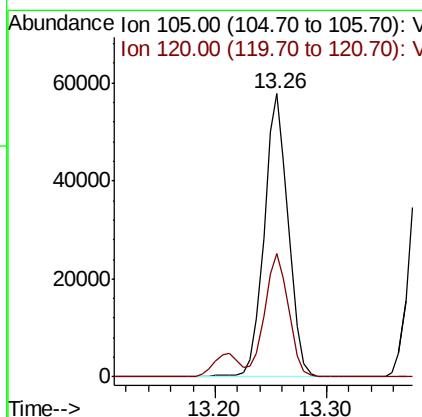
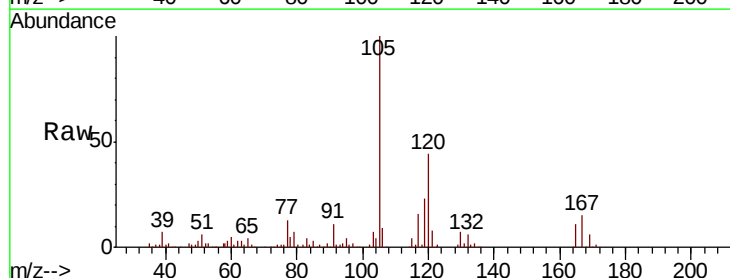
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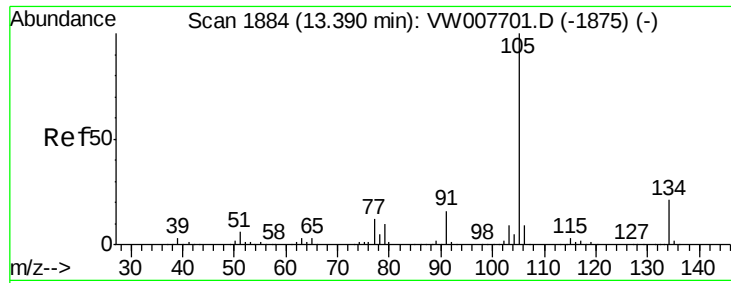
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#84
1,2,4-Trimethylbenzene
Concen: 56.555 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.0	66.0





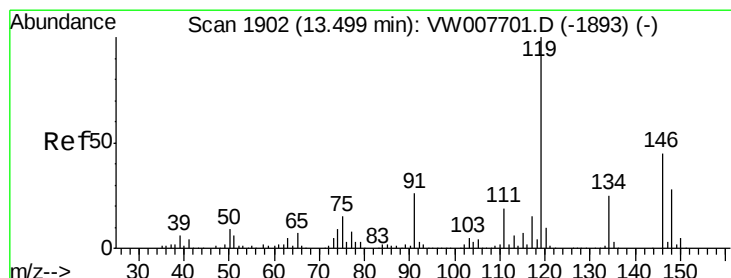
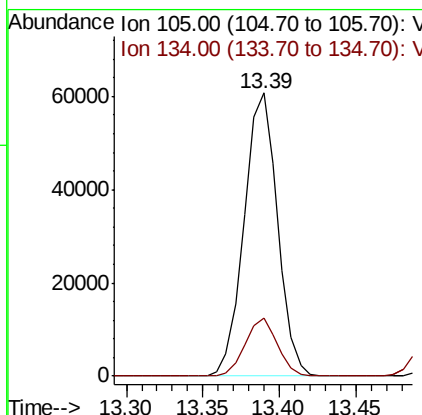
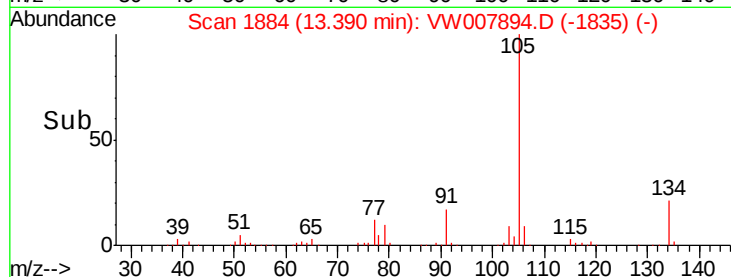
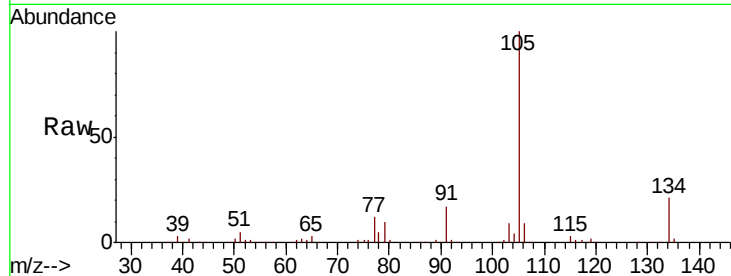
#85
 sec-Butylbenzene
 Concen: 49.975 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion:105 Resp: 92094
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

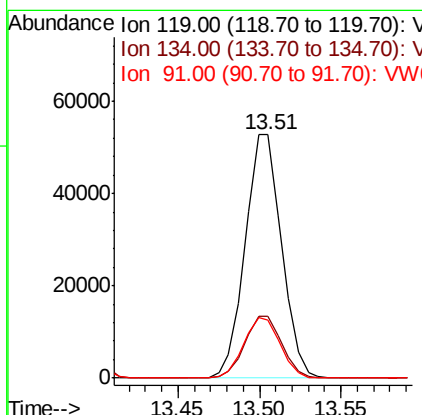
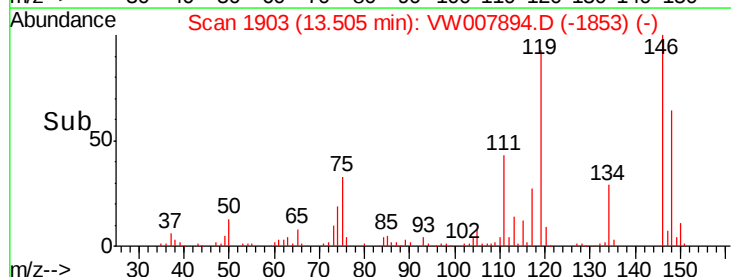
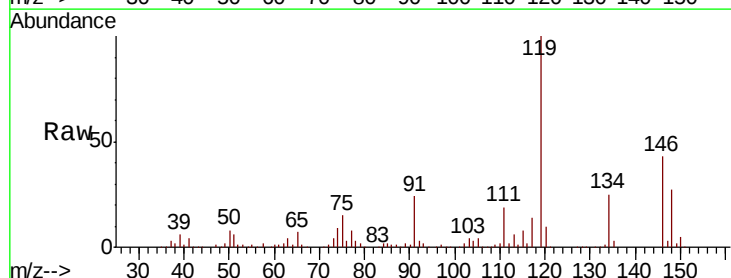
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#86
 p-Isopropyltoluene
 Concen: 48.806 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Tgt Ion:119 Resp: 81784
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.2 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 48.554 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

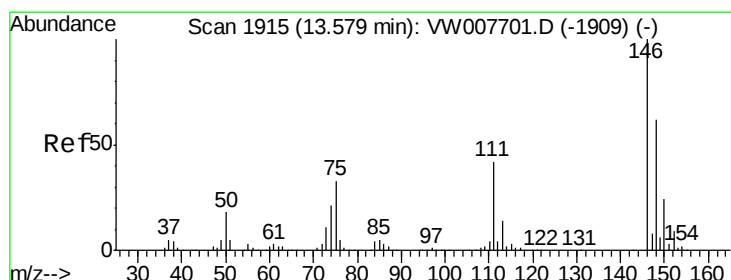
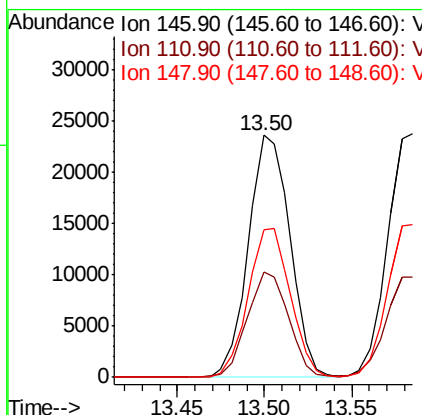
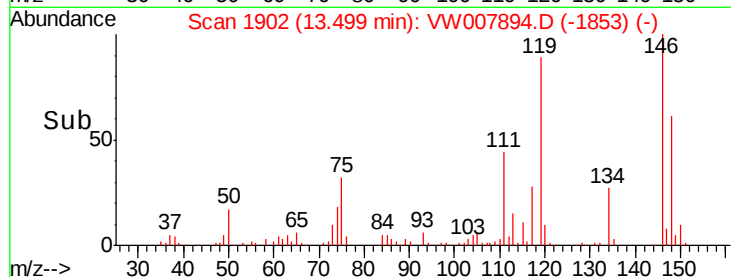
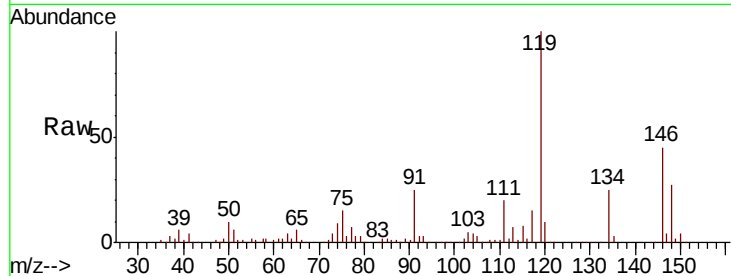
Instrument :
MSVOA_W

ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.4
148	62.4	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.246 ug/l

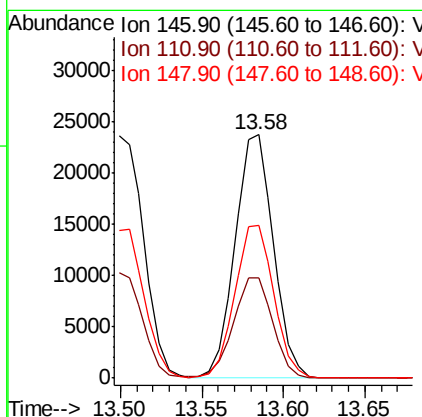
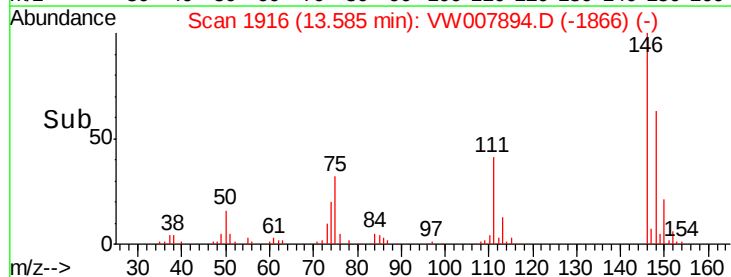
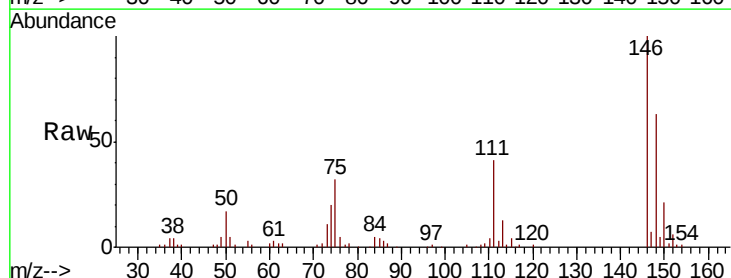
RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007894.D

Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.0	63.0
148	63.9	31.8	95.4





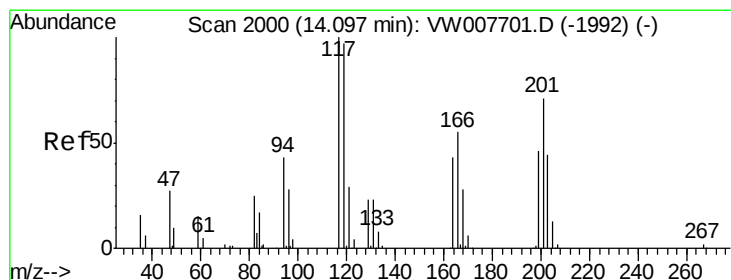
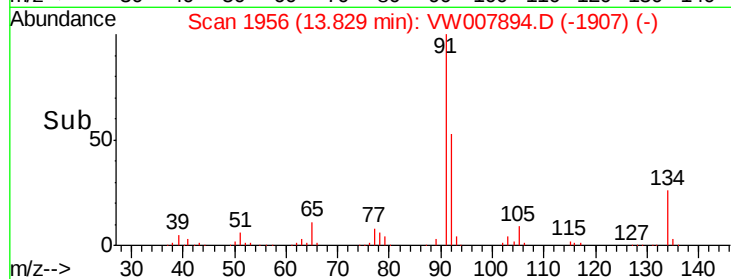
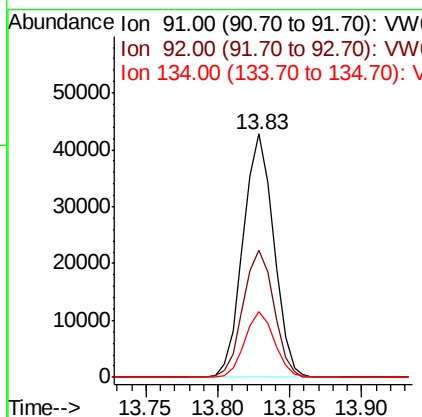
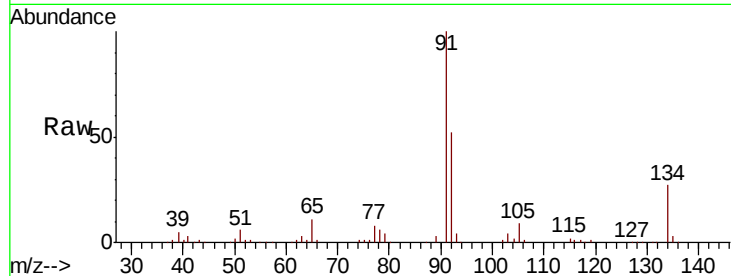
#89
n-Butylbenzene
Concen: 41.137 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	26.0	13.7	41.0

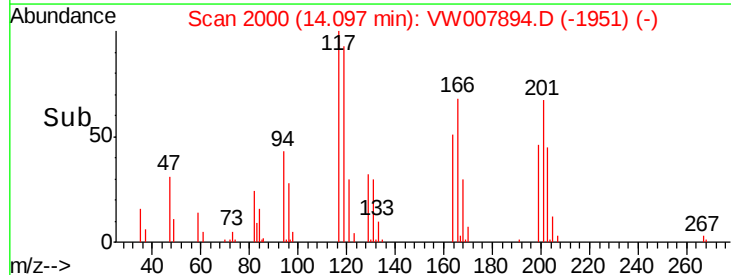
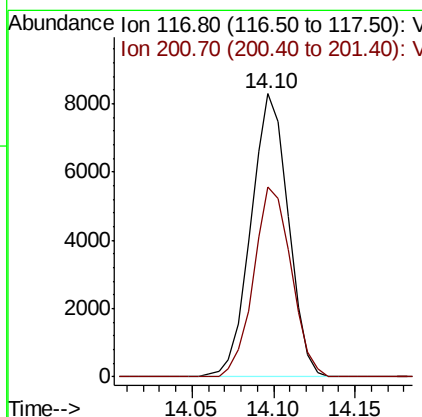
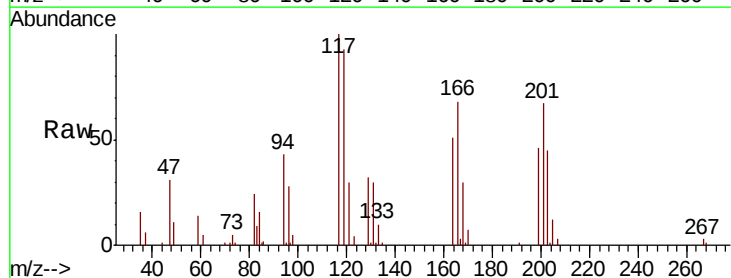
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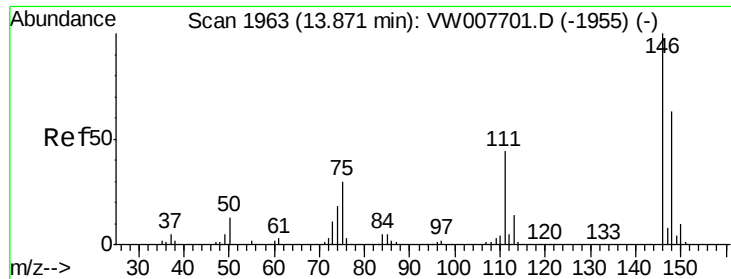
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#90
Hexachloroethane
Concen: 45.026 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	36.2	108.6





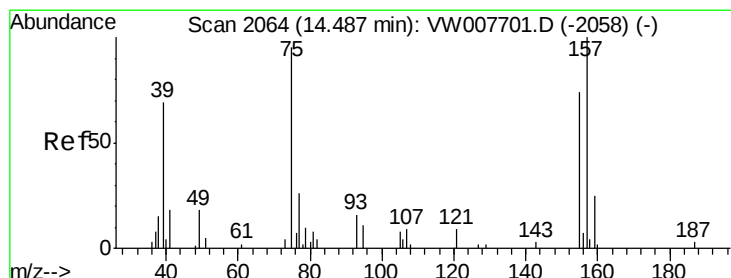
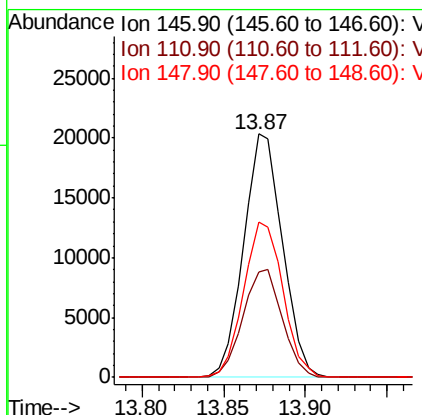
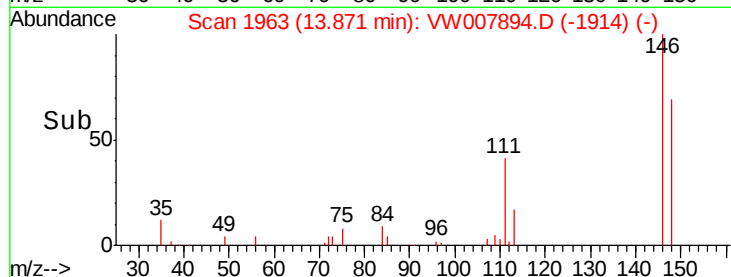
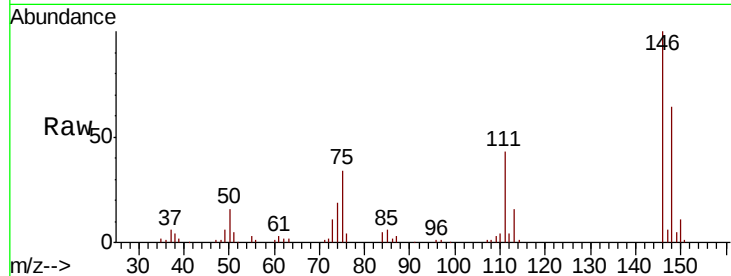
#91
 1,2-Dichlorobenzene
 Concen: 46.840 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.7	65.1
148	64.3	32.1	96.5

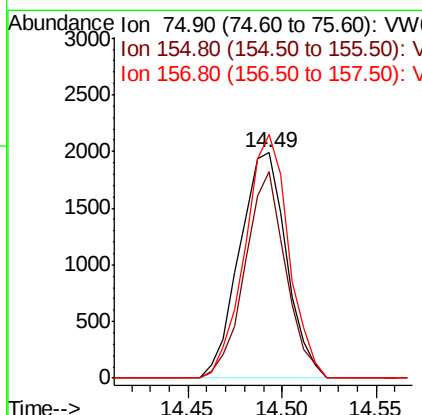
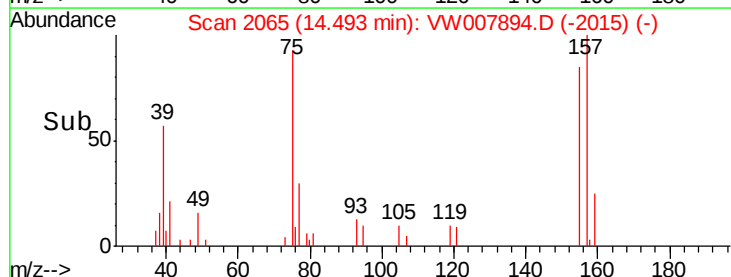
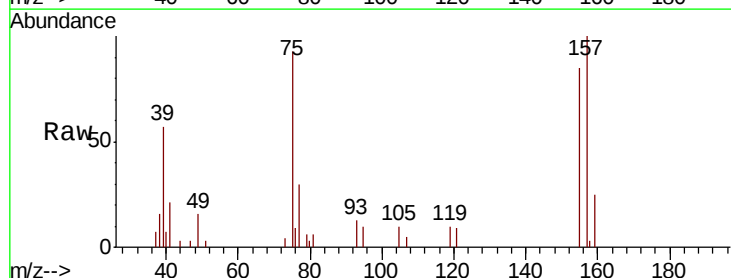
Manual Integrations
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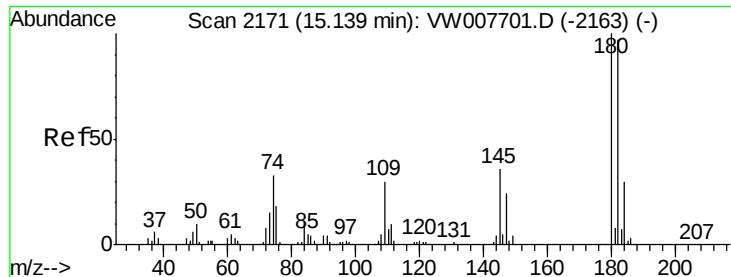
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.997 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.6	39.4	118.1
157	100.9	52.0	156.0





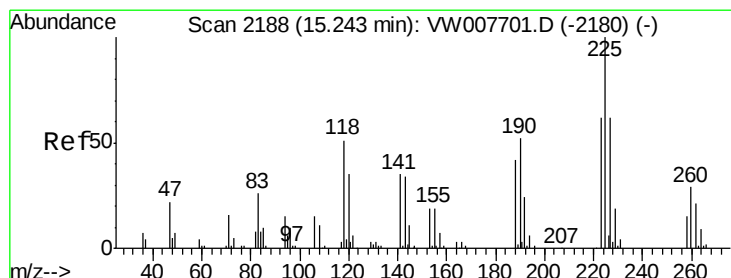
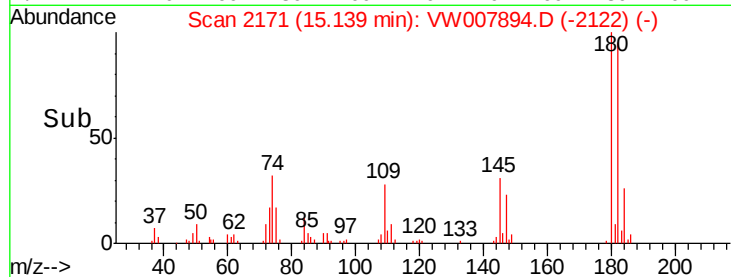
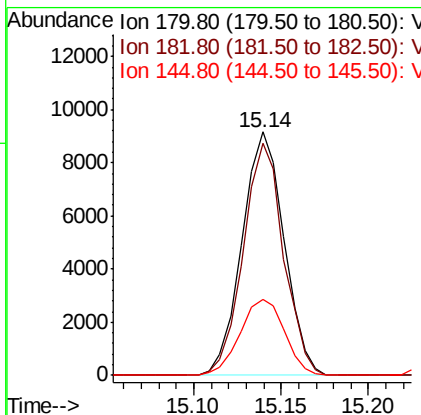
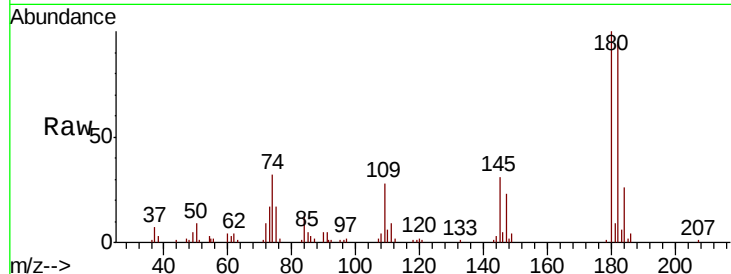
#93
 1,2,4-Trichlorobenzene
 Concen: 30.667 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.5	142.6
145	32.9	17.5	52.5

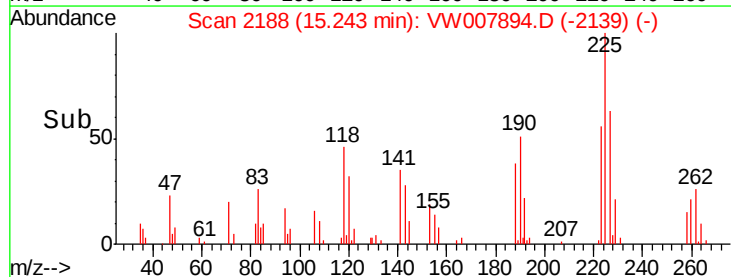
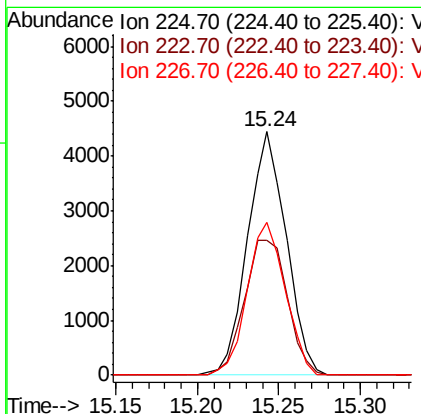
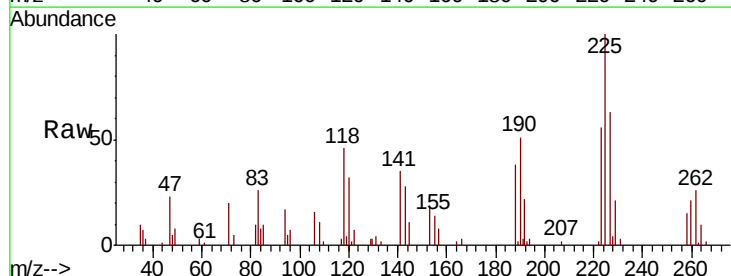
Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:39:09 PM



#94
 Hexachlorobutadiene
 Concen: 27.482 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007894.D
 Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.6	94.8
227	61.7	32.1	96.3





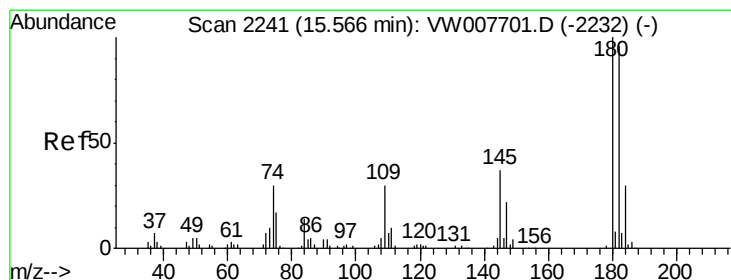
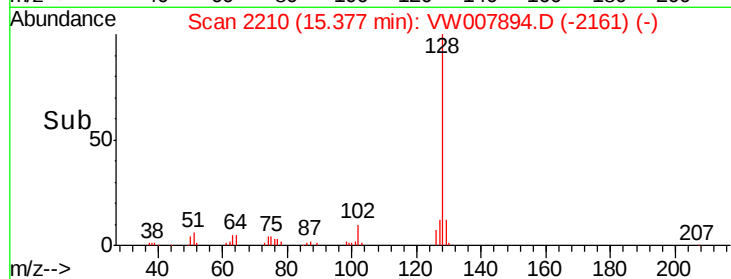
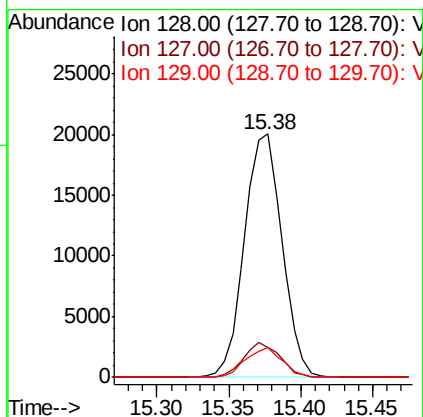
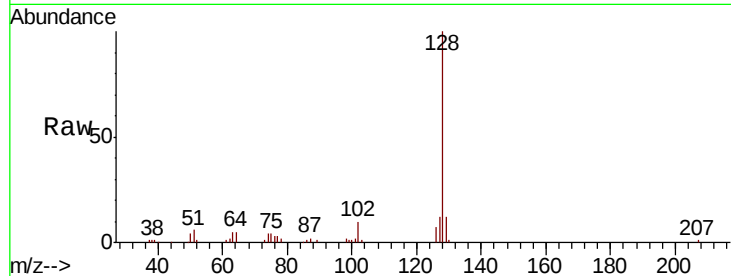
#95
Naphthalene
Concen: 39.214 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/26/2018 4:39:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 27.857 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007894.D
Acq: 24 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.4	142.2
145	37.0	18.4	55.0

