

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007607.D
 Acq On : 16 Dec 2018 03:49
 Operator : SY/AP
 Sample : J6378-13MSD
 Misc : 3.94G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Manual Integrations
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 12/17/2018 4:40:50 PM

Quant Time: Dec 17 00:46:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	86206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	46746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	36923	64.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.86%	
35) Dibromofluoromethane	7.88	113	29946	57.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.78%	
50) Toluene-d8	10.32	98	86737	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
62) 4-Bromofluorobenzene	12.62	95	18171	25.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21713	60.616	ug/l	99
3) Chloromethane	2.21	50	19131	63.770	ug/l	96
4) Vinyl Chloride	2.37	62	27166	77.163	ug/l	96
5) Bromomethane	2.78	94	16909	71.484	ug/l	99
6) Chloroethane	2.93	64	14631	75.496	ug/l	95
7) Trichlorofluoromethane	3.26	101	17960	56.742	ug/l	99
8) Diethyl Ether	3.68	74	18635	75.222	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	25569	48.958	ug/l	98
10) Methyl Iodide	4.27	142	49667	57.420	ug/l	99
11) Tert butyl alcohol	5.17	59	16023	410.248	ug/l #	74
12) 1,1-Dichloroethene	4.04	96	30467	60.589	ug/l	97
13) Acrolein	3.89	56	2250	87.062	ug/l	84
14) Allyl chloride	4.66	41	37366	50.413	ug/l	99
15) Acrylonitrile	5.37	53	60087	575.361	ug/l #	83
16) Acetone	4.12	43	51897	522.455	ug/l	93
17) Carbon Disulfide	4.37	76	85366	55.990	ug/l	98
18) Methyl Acetate	4.67	43	50604	187.700	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	54432	71.756	ug/l #	1
20) Methylene Chloride	4.92	84	36421	68.498	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	33270	59.145	ug/l	99
22) Diisopropyl ether	6.31	45	91853	64.472	ug/l	97
23) Vinyl Acetate	6.25	43	103646	130.064	ug/l	99
24) 1,1-Dichloroethane	6.21	63	59029	61.303	ug/l	99
25) 2-Butanone	7.17	43	65080	501.852	ug/l	100
26) 2,2-Dichloropropane	7.17	77	32486	50.977	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	41309	67.068	ug/l	99
28) Bromochloromethane	7.51	49	23754	65.584	ug/l	98
29) Tetrahydrofuran	7.53	42	36895	449.414	ug/l	97
30) Chloroform	7.67	83	64559	61.610	ug/l	97
31) Cyclohexane	7.95	56	152567	172.695	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	48912	53.228	ug/l	99
36) 1,1-Dichloropropene	8.08	75	39866	50.694	ug/l	99
37) Ethyl Acetate	7.25	43	22625	77.353	ug/l	100
38) Carbon Tetrachloride	8.07	117	42116	49.220	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	159464	167.460	ug/l	92
40) Benzene	8.32	78	370724	169.870	ug/l	100
41) Methacrylonitrile	7.48	41	14938	89.685	ug/l	98
42) 1,2-Dichloroethane	8.40	62	49901	72.789	ug/l	90
43) Isopropyl Acetate	8.43	43	51017	88.301	ug/l	96
44) Trichloroethene	9.09	130	30690	49.246	ug/l	99
45) 1,2-Dichloropropane	9.37	63	31294	61.964	ug/l	90
46) Dibromomethane	9.46	93	19638	68.473	ug/l	93
47) Bromodichloromethane	9.65	83	43492	57.813	ug/l	94
48) Methyl methacrylate	9.44	41	25523	86.015	ug/l	98
49) 1,4-Dioxane	9.45	88	7073	1519.919	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	116543	426.912	ug/l	98
52) Toluene	10.39	92	3361489	2380.096	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	40983	56.115	ug/l	92
54) cis-1,3-Dichloropropene	10.07	75	47392	56.133	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	31928	81.796	ug/l	96
56) Ethyl methacrylate	10.65	69	35023	74.649	ug/l #	67
57) 1,3-Dichloropropane	10.93	76	41747	65.160	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	43651	201.755	ug/l	99
59) 2-Hexanone	10.97	43	78453	430.989	ug/l	98
60) Dibromochloromethane	11.13	129	26592	53.983	ug/l	100
61) 1,2-Dibromoethane	11.24	107	22708	58.868	ug/l	98
64) Tetrachloroethene	10.86	164	15920	47.358	ug/l	88
65) Chlorobenzene	11.66	112	1315405	1350.054	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	20710	60.351	ug/l	99
67) Ethyl Benzene	11.74	91	2656335	1585.727	ug/l #	89
68) m/p-Xylenes	11.85	106	14035949	21553.097	ug/l #	71
69) o-Xylene	12.17	106	2402008	3949.355	ug/l	79
70) Styrene	12.18	104	173972	177.093	ug/l #	1
71) Bromoform	12.35	173	11751	66.902	ug/l #	89
73) Isopropylbenzene	12.47	105	171440	197.182	ug/l	99
74) N-amyl acetate	12.27	43	19749	124.982	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.72	83	20088	155.992	ug/l	95
76) 1,2,3-Trichloropropane	12.76	75	27407	292.937	ug/l #	1
77) Bromobenzene	12.75	156	15091	78.304	ug/l	82
78) n-propylbenzene	12.81	91	193268	197.517	ug/l	96
79) 2-Chlorotoluene	12.90	91	49030m	82.812	ug/l	
80) 1,3,5-Trimethylbenzene	12.94	105	239363	327.646	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.52	75	6555	154.769	ug/l	94
82) 4-Chlorotoluene	12.99	91	39684	63.587	ug/l	97
83) tert-Butylbenzene	13.21	119	42894	66.635	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	743620	989.150	ug/l	97
85) sec-Butylbenzene	13.39	105	51588	58.706	ug/l	95
86) p-Isopropyltoluene	13.50	119	213854	270.890	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	98518	256.390	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	696847	1803.904	ug/l	94
89) n-Butylbenzene	13.83	91	53058	72.498	ug/l #	73
90) Hexachloroethane	14.10	117	11950	85.074	ug/l	59
91) 1,2-Dichlorobenzene	13.87	146	24796	72.048	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3857	149.249	ug/l	91

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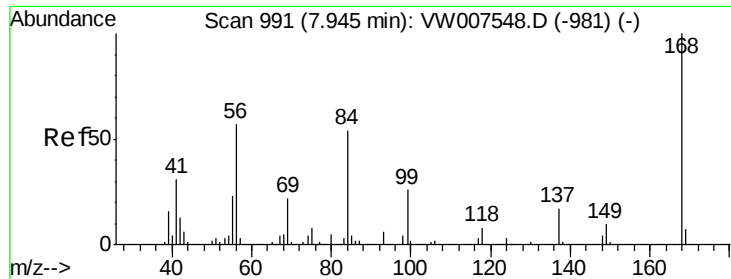
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6725	28.394	ug/l #	84
94) Hexachlorobutadiene	15.24	225	3289	26.172	ug/l	98
95) Naphthalene	15.38	128	323065	713.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	6148	29.882	ug/l #	71

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007607.D

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Tgt Ion: 168 Resp: 51260

Ion Ratio Lower Upper

168 100

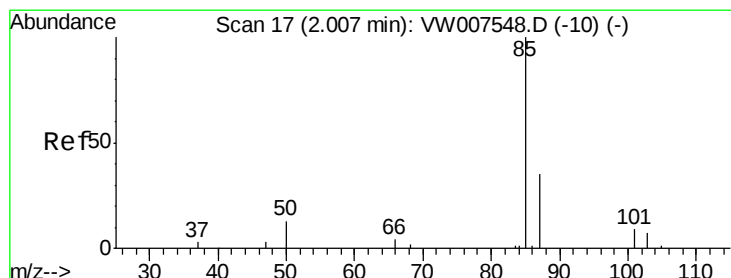
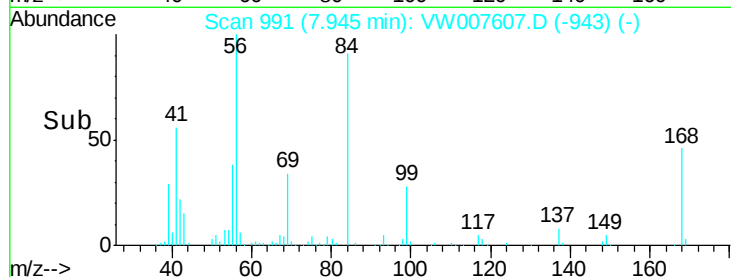
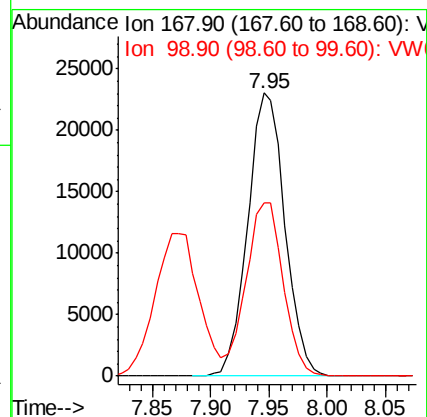
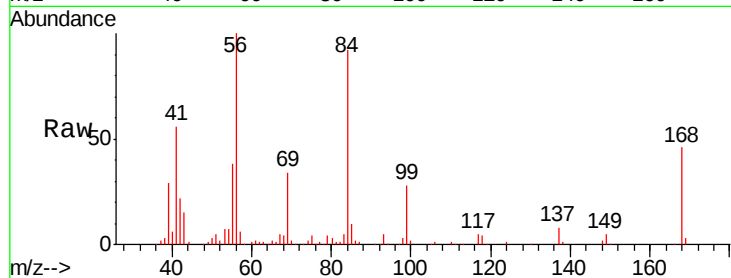
99 61.1 48.3 72.5

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#2

Dichlorodifluoromethane

Concen: 60.616 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007607.D

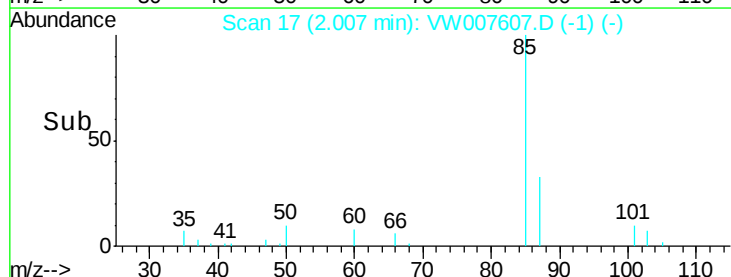
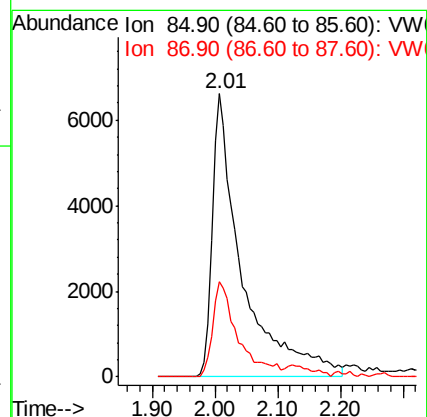
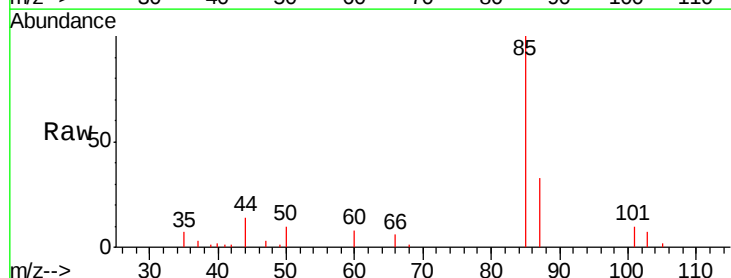
Acq: 16 Dec 2018 03:49

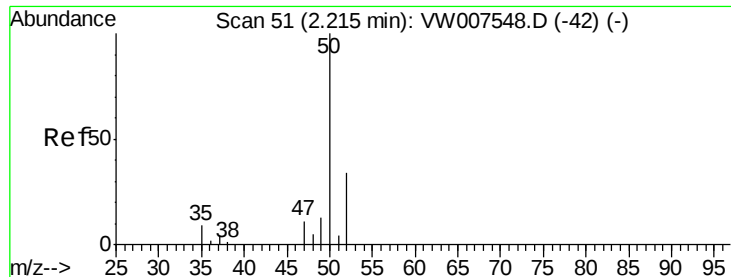
Tgt Ion: 85 Resp: 21713

Ion Ratio Lower Upper

85 100

87 33.5 16.6 49.7





#3

Chloromethane

Concen: 63.770 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

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ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 50 Resp: 19131

Ion Ratio Lower Upper

50 100

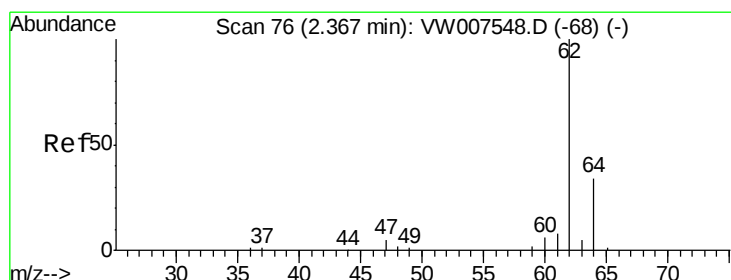
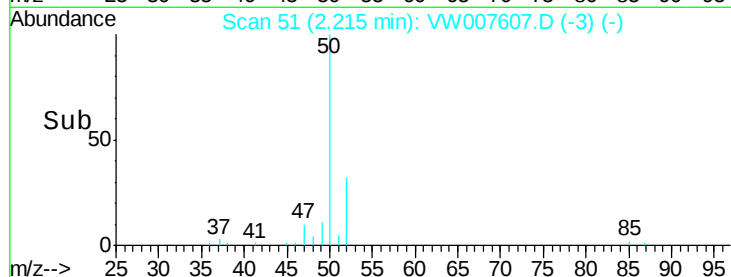
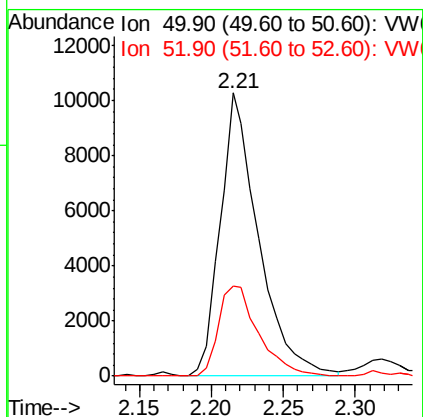
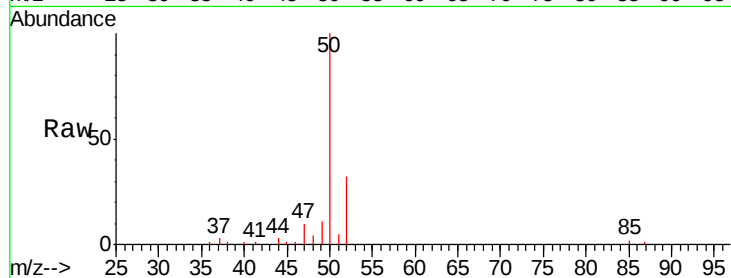
52 32.0 27.4 41.0

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#4

Vinyl Chloride

Concen: 77.163 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007607.D

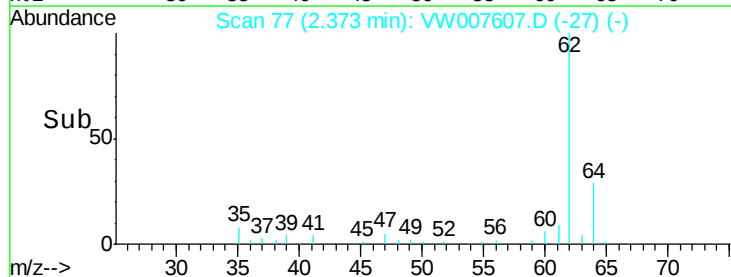
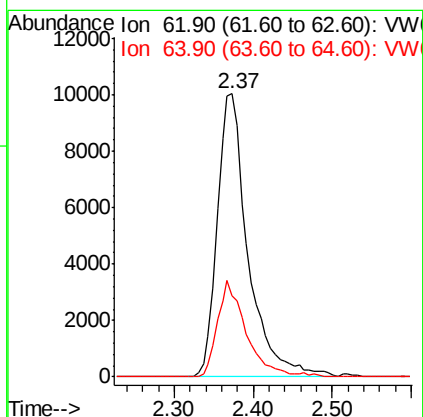
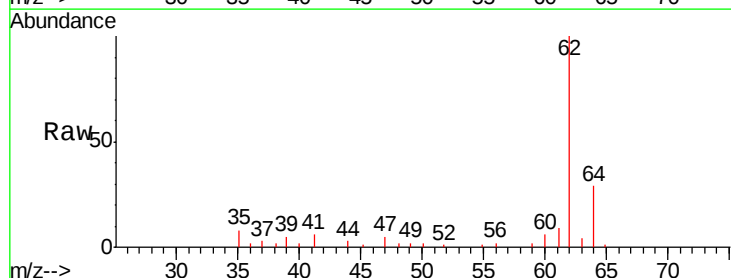
Acq: 16 Dec 2018 03:49

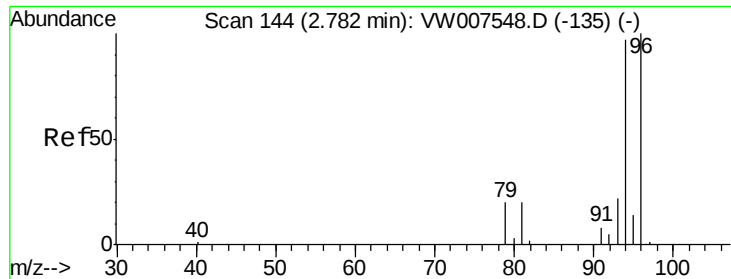
Tgt Ion: 62 Resp: 27166

Ion Ratio Lower Upper

62 100

64 28.7 24.6 37.0





#5

Bromomethane

Concen: 71.484 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007607.D

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Tgt Ion: 94 Resp: 16909

Ion Ratio Lower Upper

94 100

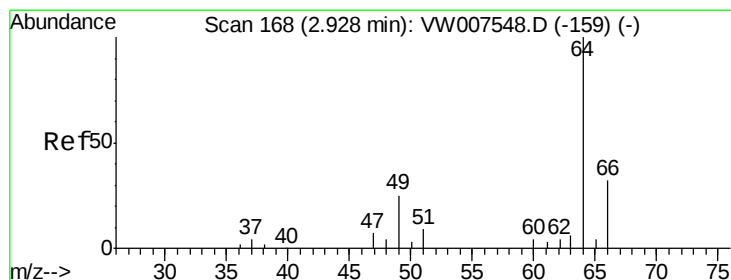
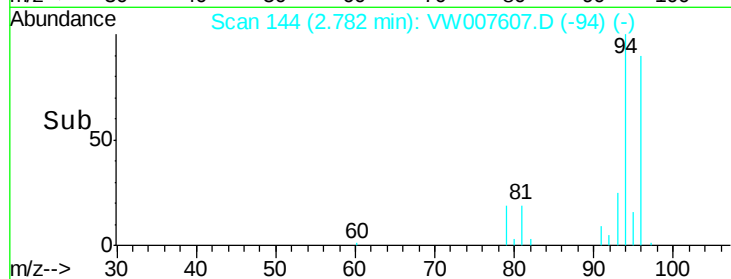
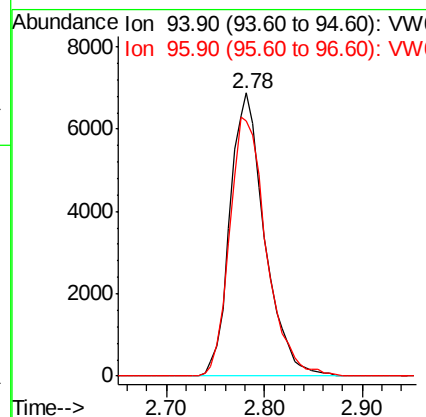
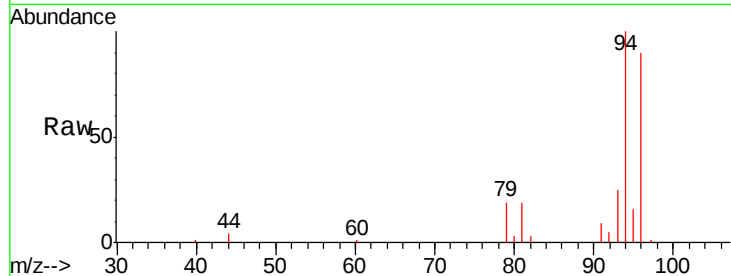
96 90.0 71.0 106.4

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#6

Chloroethane

Concen: 75.496 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007607.D

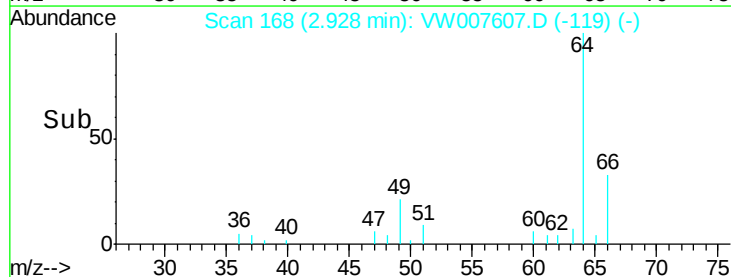
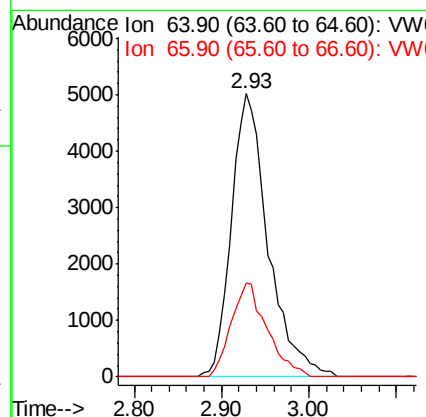
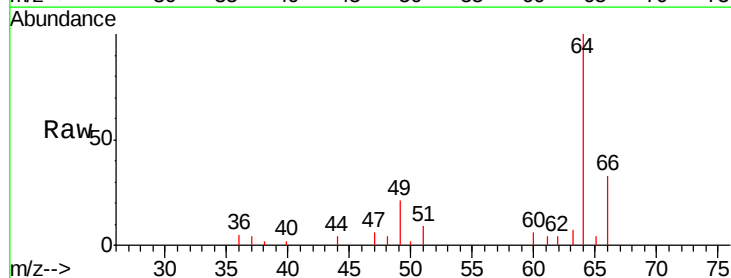
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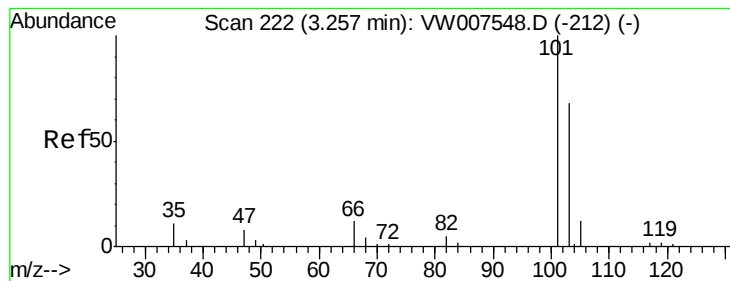
Tgt Ion: 64 Resp: 14631

Ion Ratio Lower Upper

64 100

66 33.4 24.6 37.0





#7

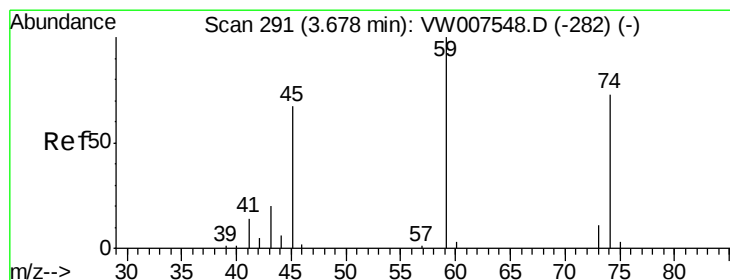
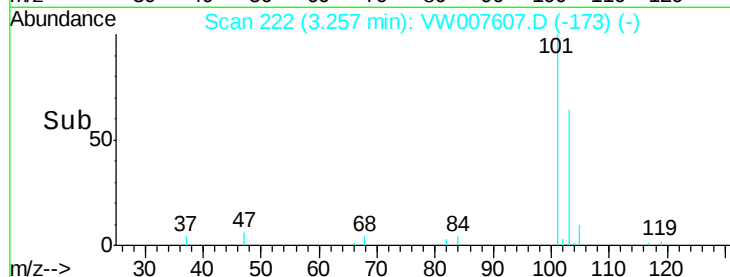
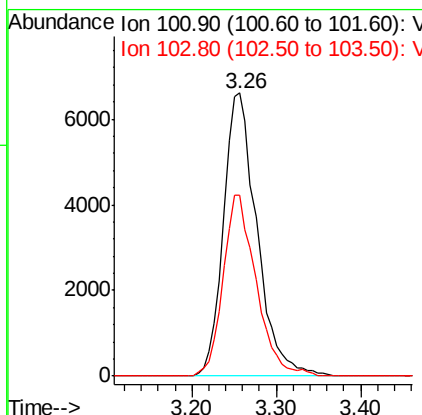
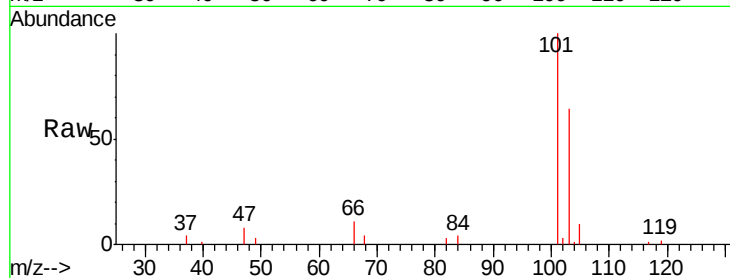
Trichlorofluoromethane
 Concen: 56.742 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007607.D
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Tgt Ion: 101 Resp: 17960
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.7 77.5

Manual Integrations
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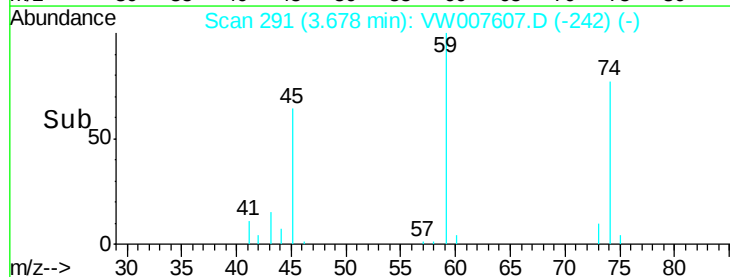
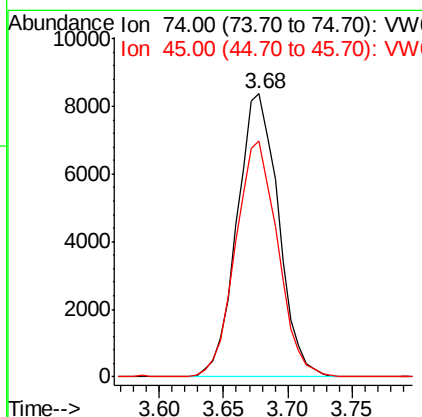
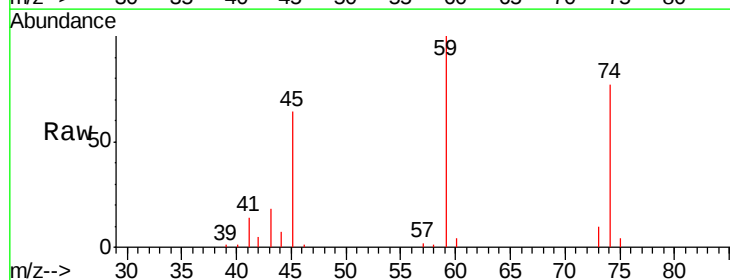
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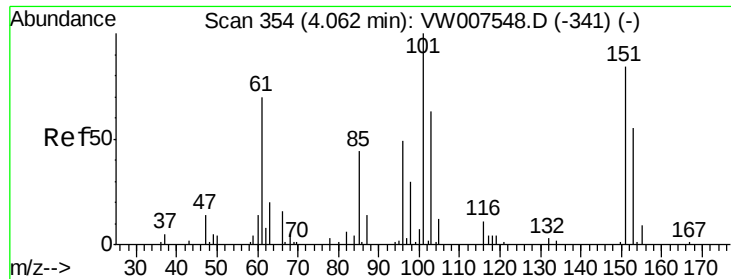


#8

Diethyl Ether
 Concen: 75.222 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 74 Resp: 18635
 Ion Ratio Lower Upper
 74 100
 45 84.7 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.958 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

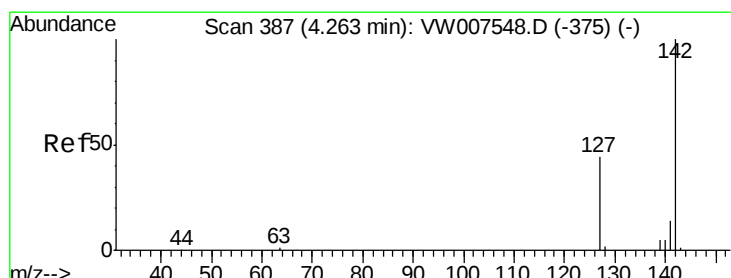
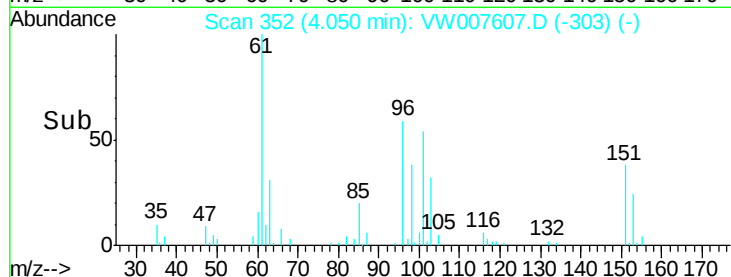
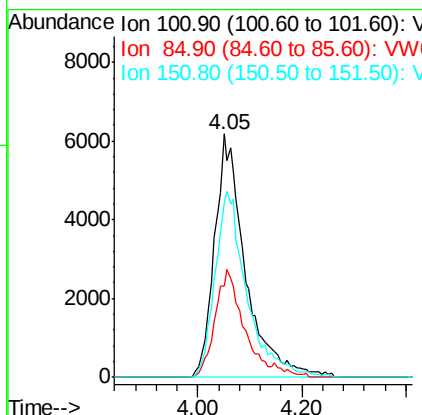
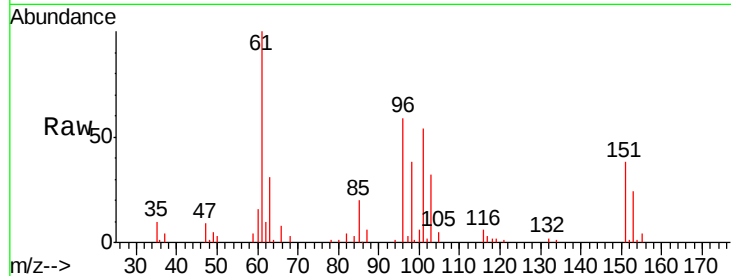
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	101	Resp:	25569
Ion Ratio	Lower	Upper	
101	100		
85	40.5	33.9	50.9
151	78.8	63.7	95.5

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#10

Methyl Iodide

Concen: 57.420 ug/l

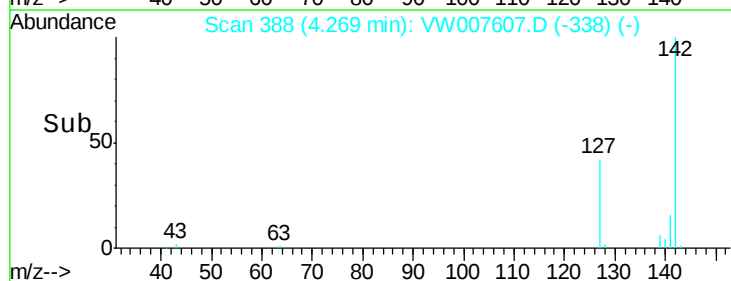
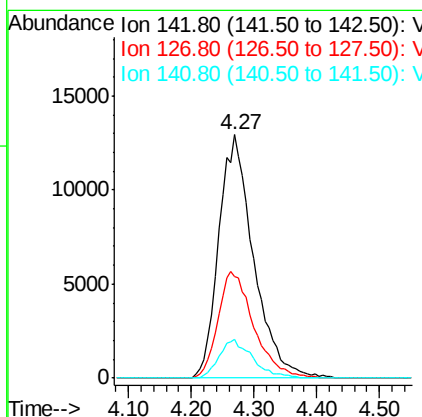
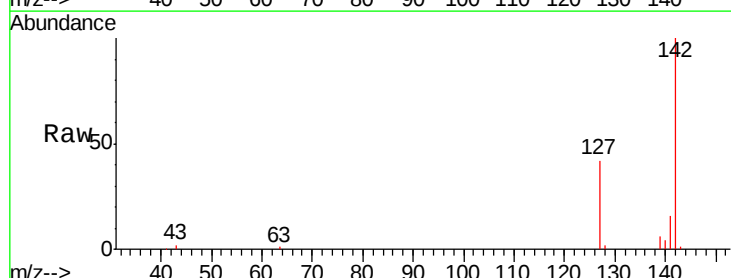
RT: 4.27 min Scan# 388

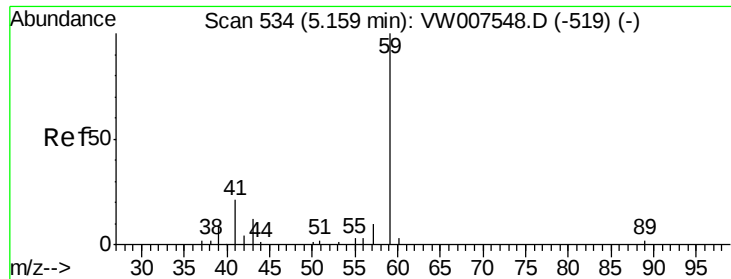
Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion:	142	Resp:	49667
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.8	53.6
141	15.2	11.1	16.7





#11

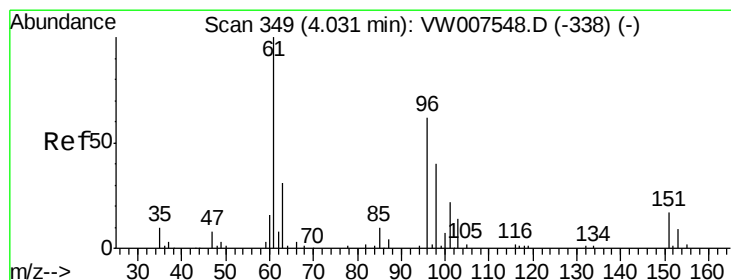
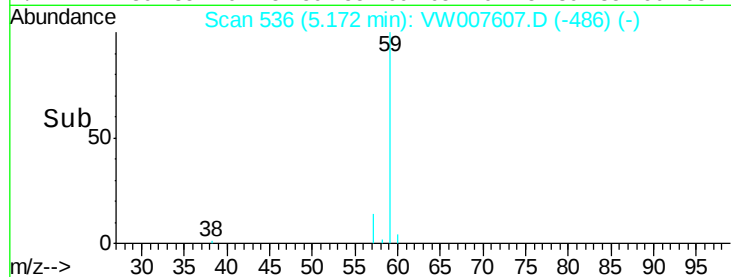
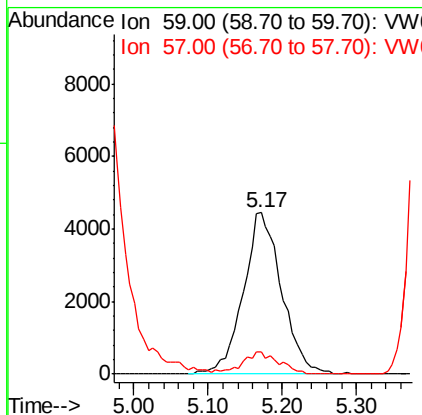
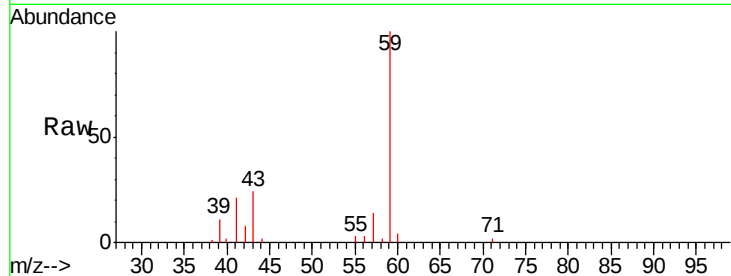
Tert butyl alcohol
Concen: 410.248 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion: 59 Resp: 16023
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

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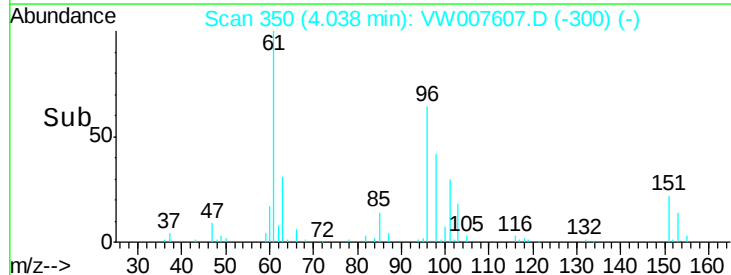
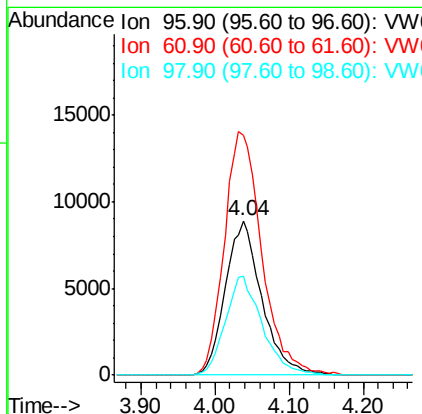
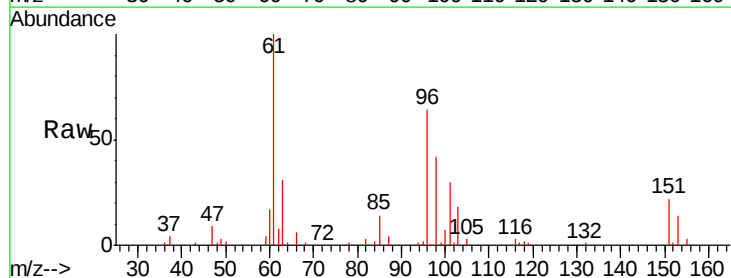
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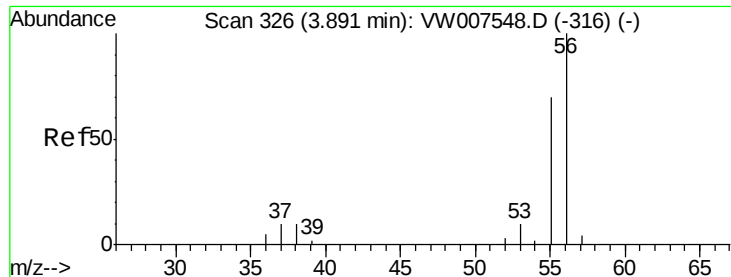


#12

1,1-Dichloroethene
Concen: 60.589 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 96 Resp: 30467
Ion Ratio Lower Upper
96 100
61 155.2 126.2 189.2
98 64.5 48.3 72.5





#13

Acrolein

Concen: 87.062 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 56 Resp: 2250

Ion Ratio Lower Upper

56 100

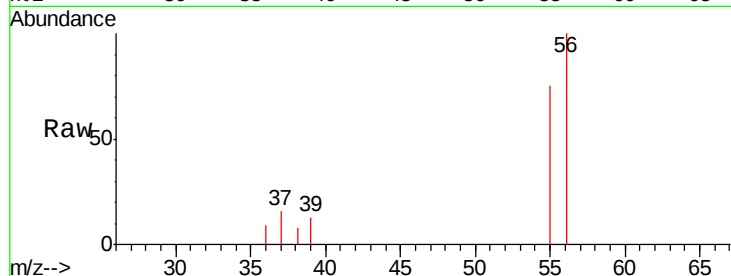
55 85.1 57.4 86.2

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

800

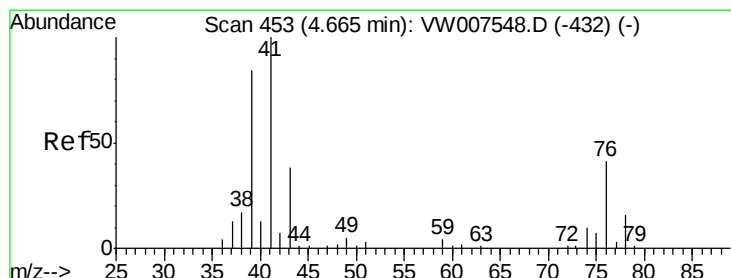
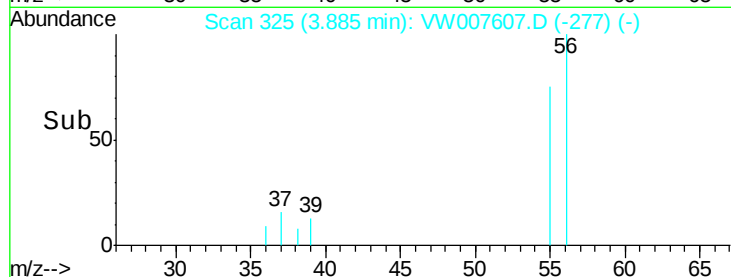
600

400

200

0

Time--> 3.80 3.85 3.90 3.95



#14

Allyl chloride

Concen: 50.413 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

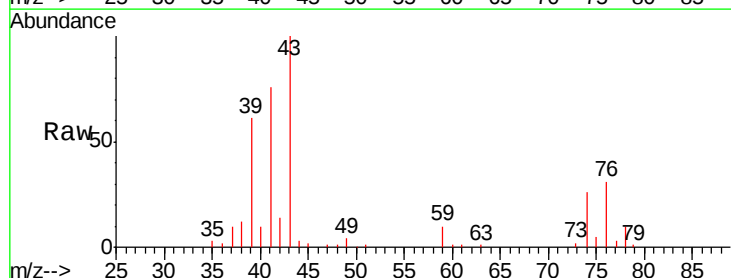
Tgt Ion: 41 Resp: 37366

Ion Ratio Lower Upper

41 100

39 78.7 63.4 95.2

76 39.8 32.1 48.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

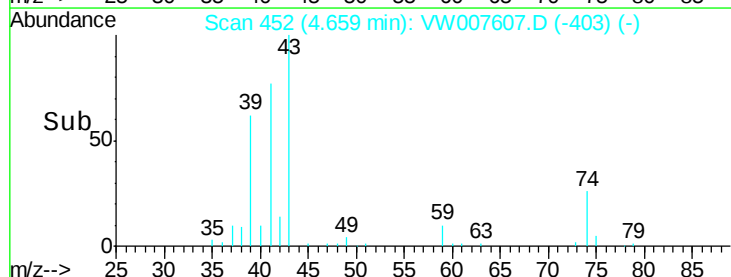
15000

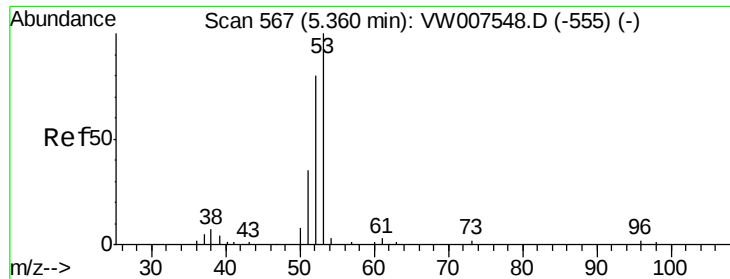
10000

5000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 575.361 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

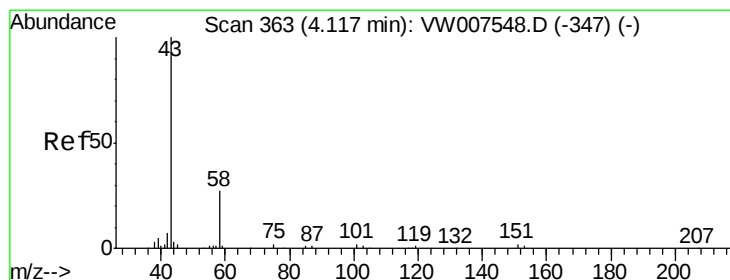
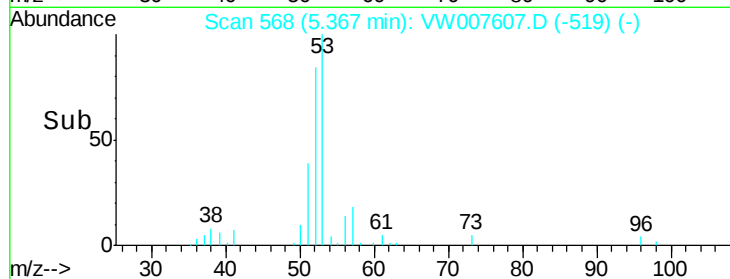
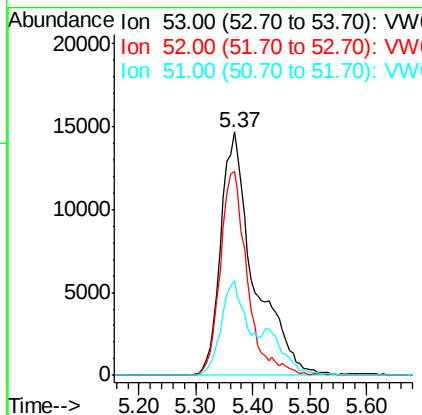
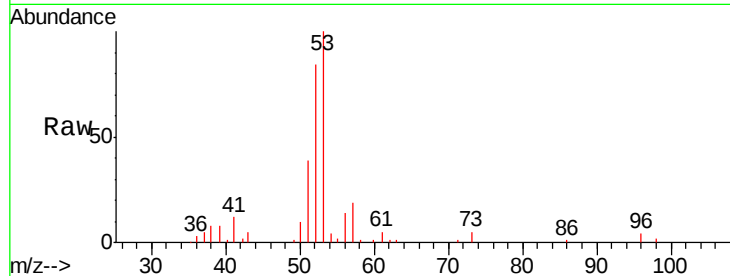
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	53	Resp:	60087
Ion	Ratio	Lower	Upper
53	100		
52	67.4	67.4	101.2
51	29.9	30.2	45.2#

Manual Integrations
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#16

Acetone

Concen: 522.455 ug/l

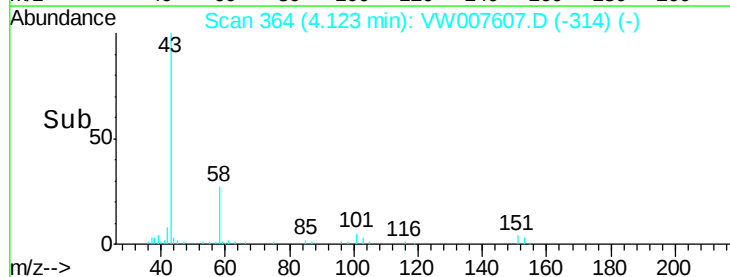
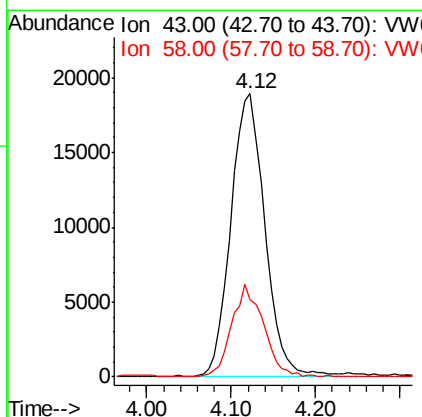
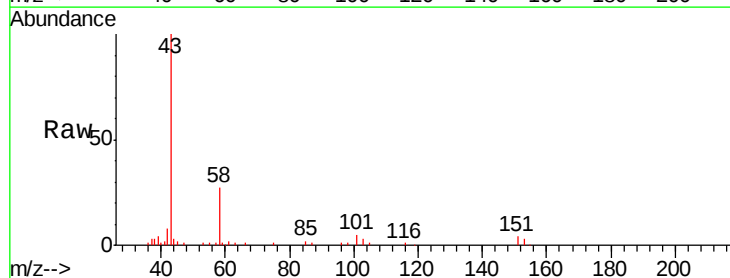
RT: 4.12 min Scan# 364

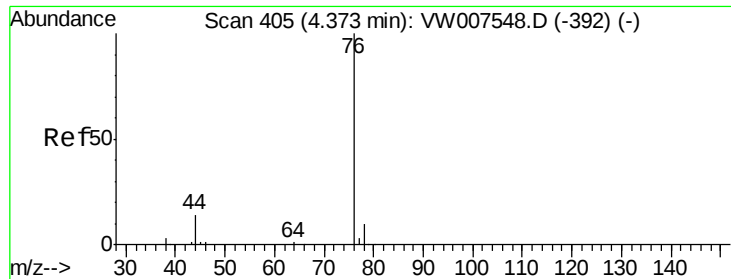
Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion:	43	Resp:	51897
Ion	Ratio	Lower	Upper
43	100		
58	27.4	24.9	37.3





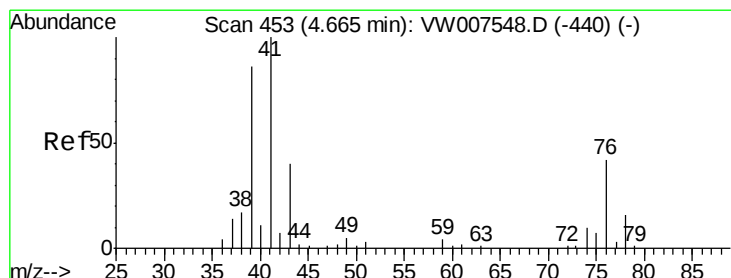
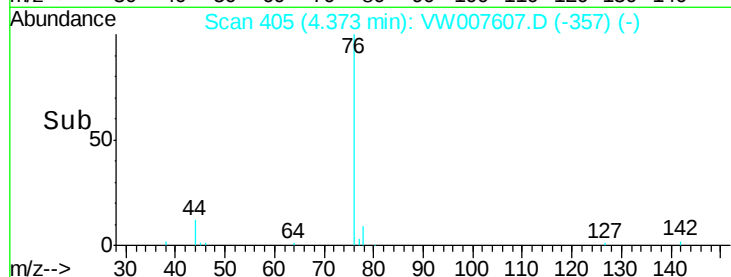
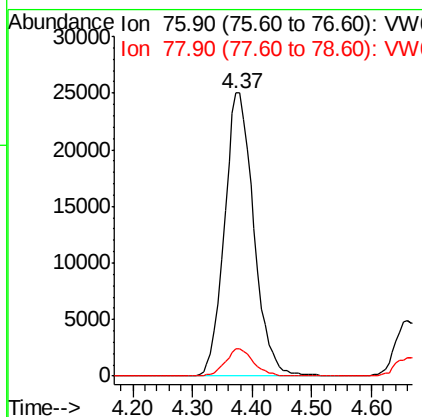
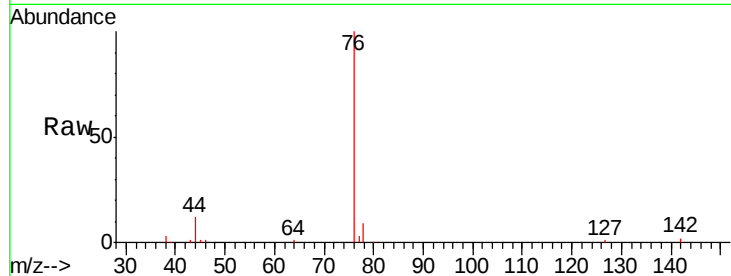
#17
Carbon Disulfide
Concen: 55.990 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion: 76 Resp: 85366
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

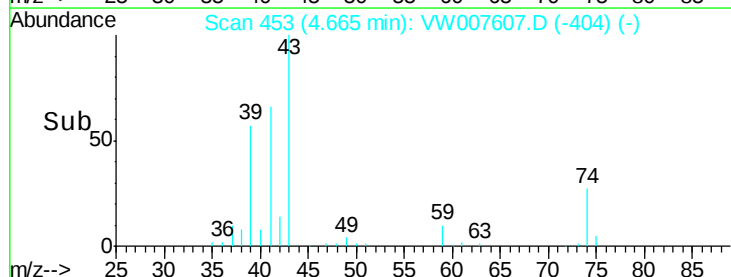
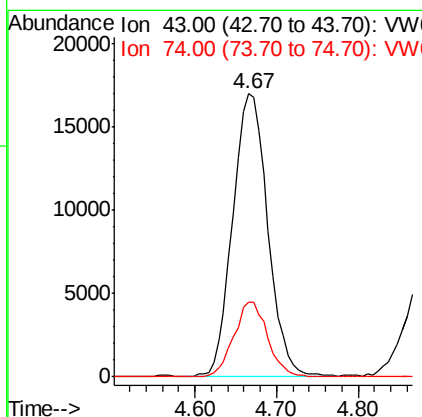
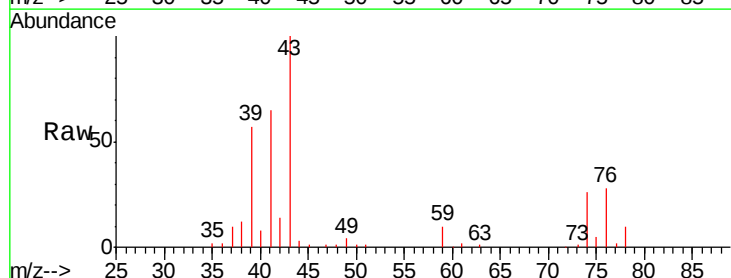
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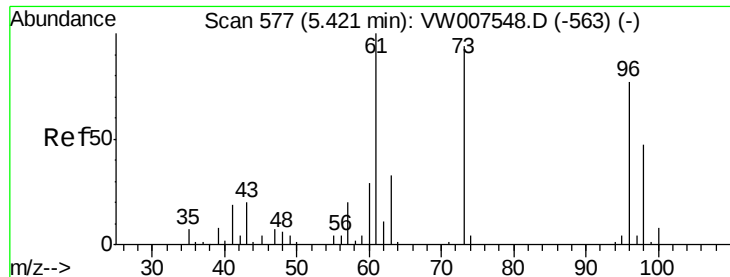
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#18
Methyl Acetate
Concen: 187.700 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 43 Resp: 50604
Ion Ratio Lower Upper
43 100
74 25.4 21.1 31.7





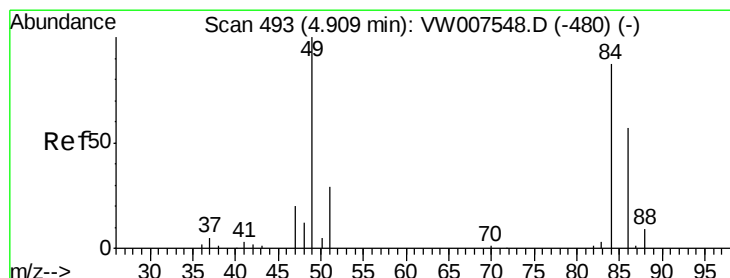
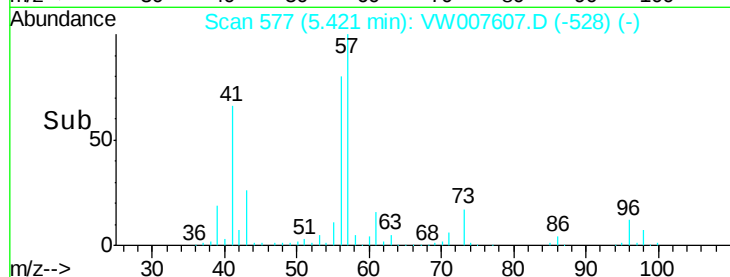
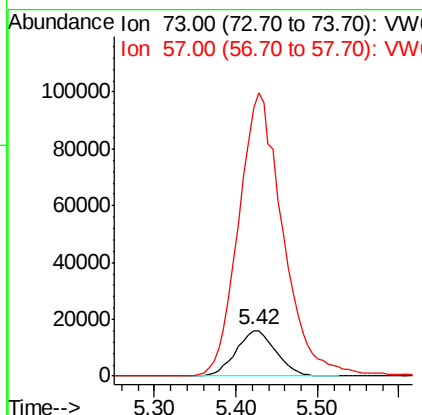
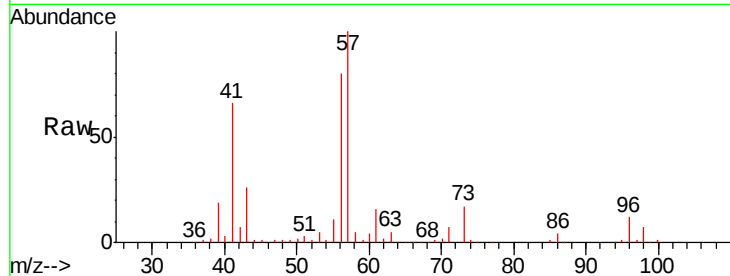
#19
Methyl tert-butyl Ether
Concen: 71.756 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion: 73 Resp: 54432
Ion Ratio Lower Upper
73 100
57 587.1 16.4 24.6#

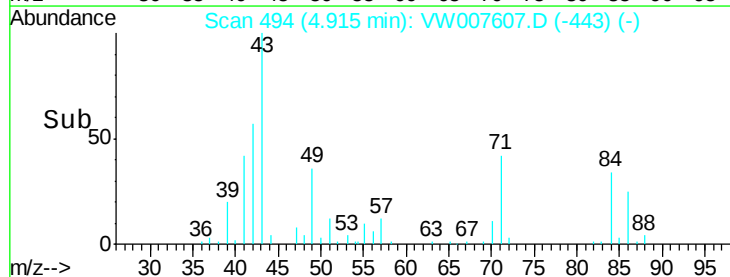
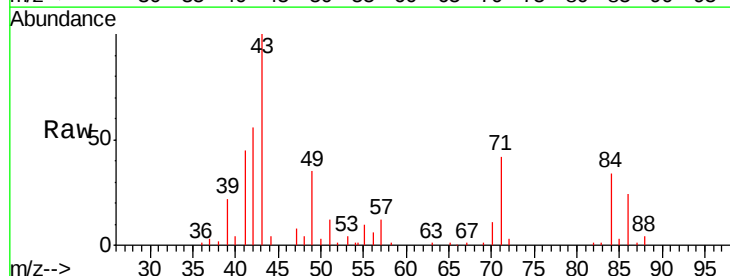
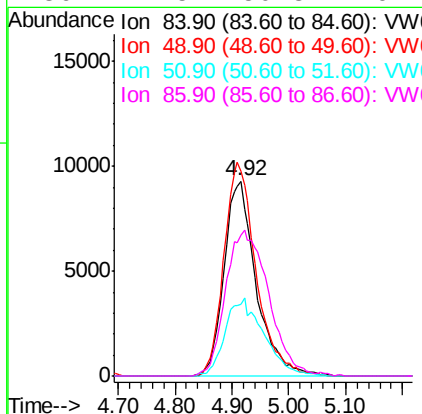
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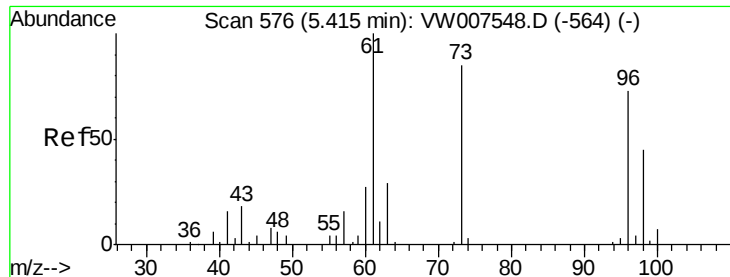
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#20
Methylene Chloride
Concen: 68.498 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 84 Resp: 36421
Ion Ratio Lower Upper
84 100
49 105.4 87.1 130.7
51 36.7 28.2 42.2
86 72.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 59.145 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

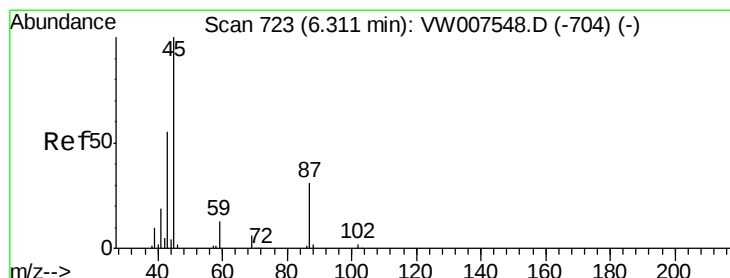
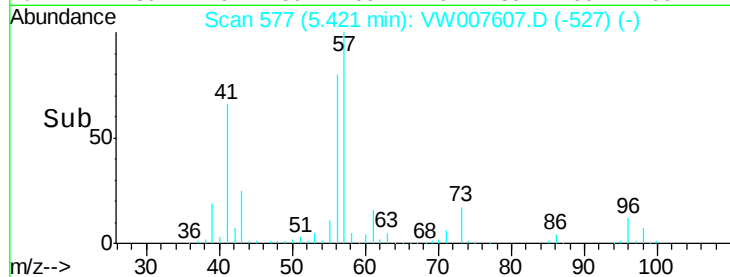
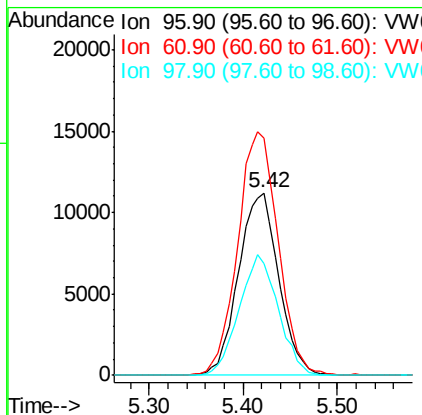
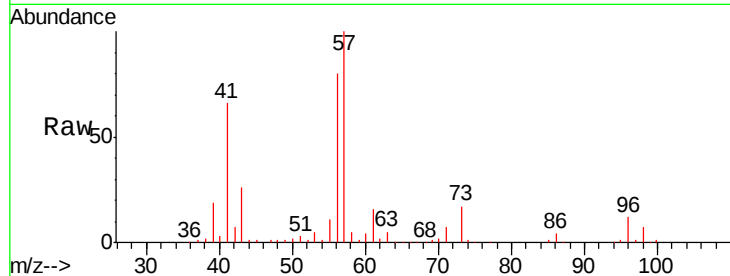
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	96	Resp:	33270
Ion	Ratio	Lower	Upper
96	100		
61	130.3	105.0	157.6
98	61.0	49.7	74.5

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#22

Diisopropyl ether

Concen: 64.472 ug/l

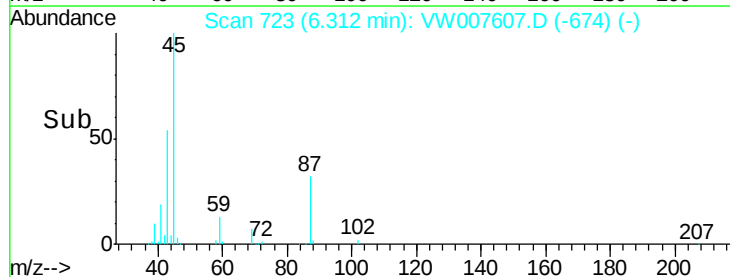
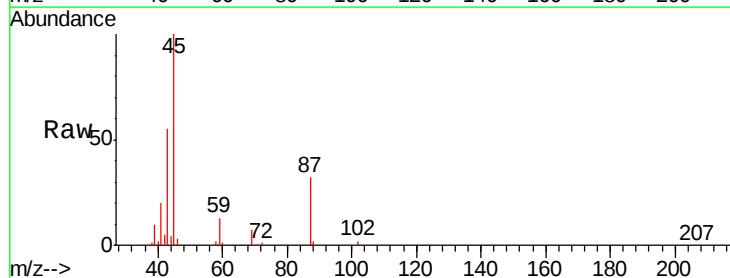
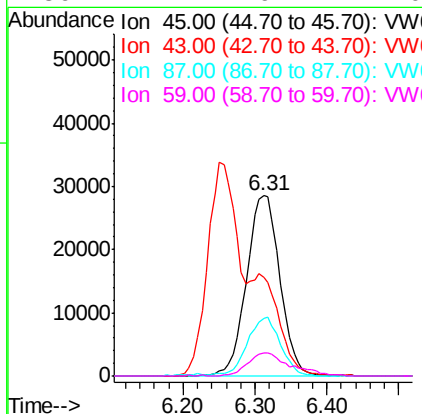
RT: 6.31 min Scan# 723

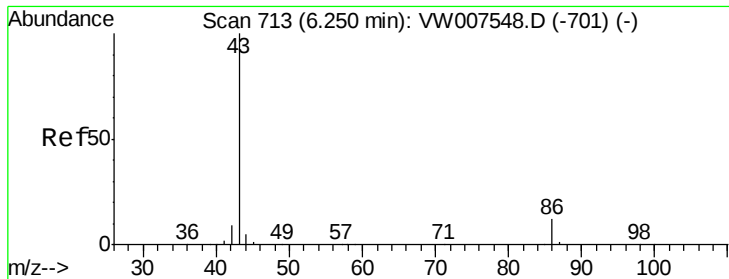
Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion:	45	Resp:	91853
Ion	Ratio	Lower	Upper
45	100		
43	54.7	41.6	62.4
87	32.3	24.3	36.5
59	12.2	9.4	14.0





#23

Vinyl Acetate

Concen: 130.064 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 43 Resp: 103646

Ion Ratio Lower Upper

43 100

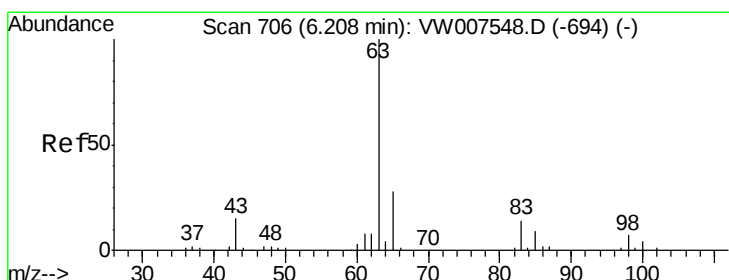
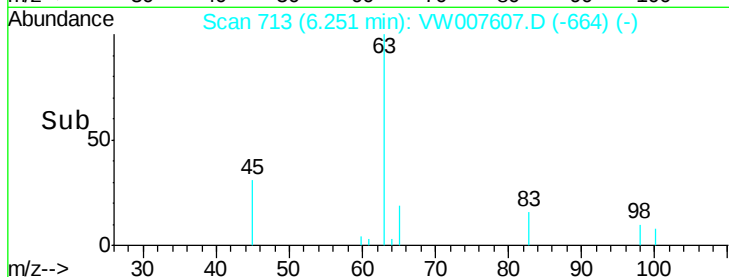
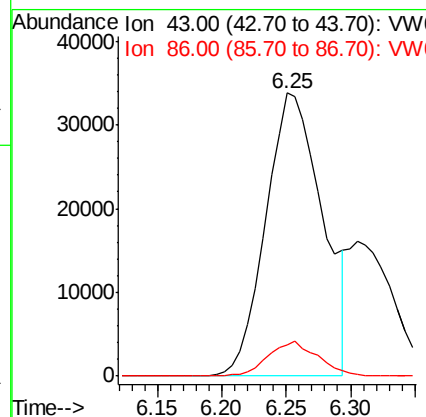
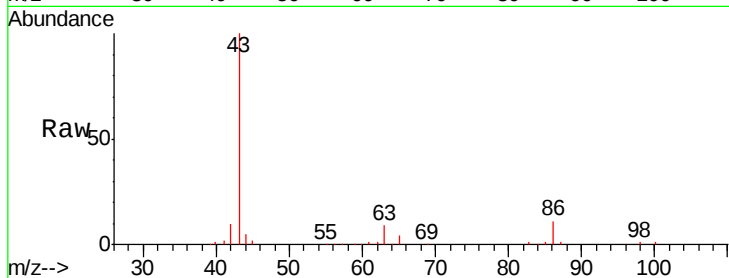
86 11.2 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 61.303 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

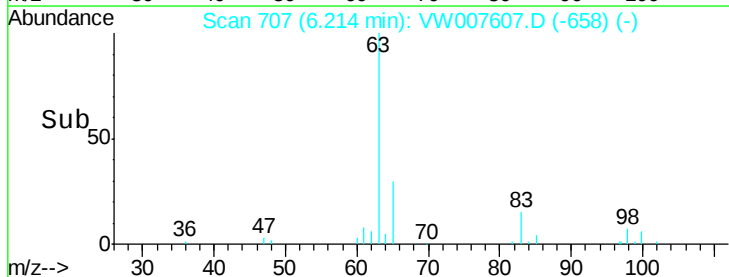
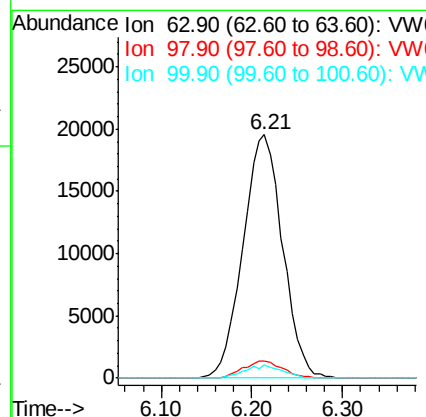
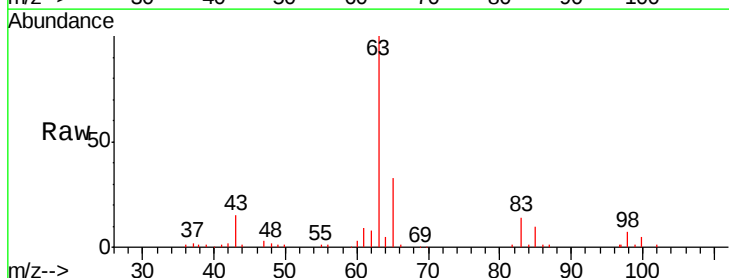
Tgt Ion: 63 Resp: 59029

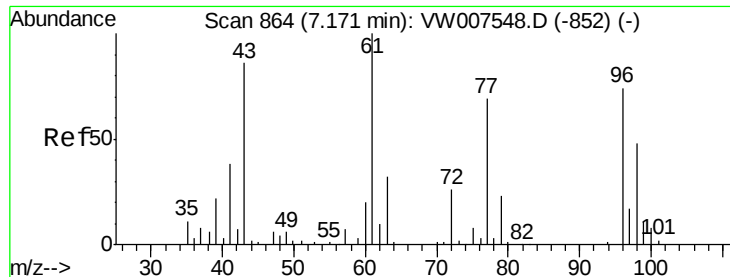
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 5.5 2.5 7.5





#25

2-Butanone

Concen: 501.852 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 43 Resp: 65080

Ion Ratio Lower Upper

43 100

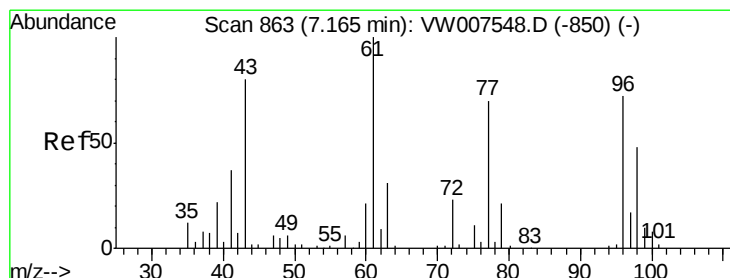
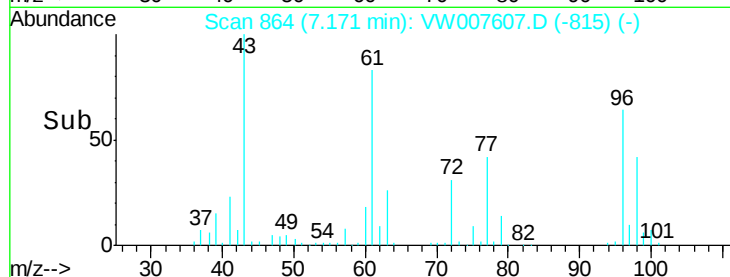
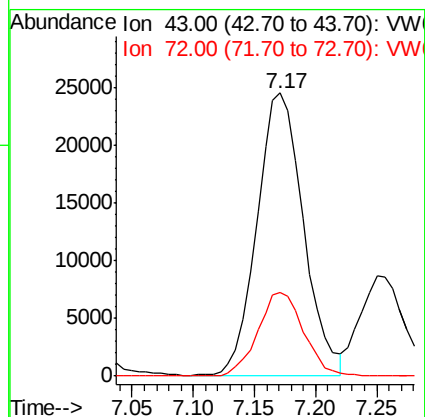
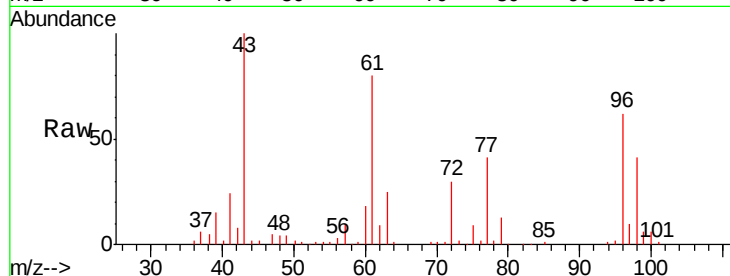
72 29.5 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 50.977 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007607.D

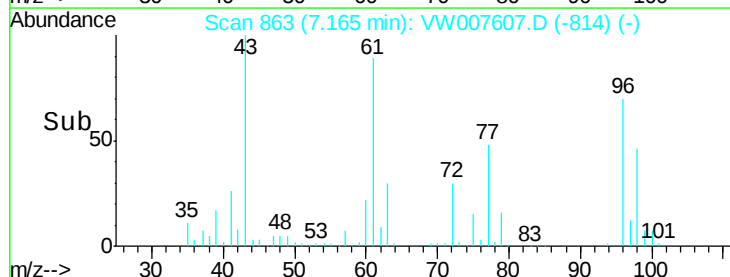
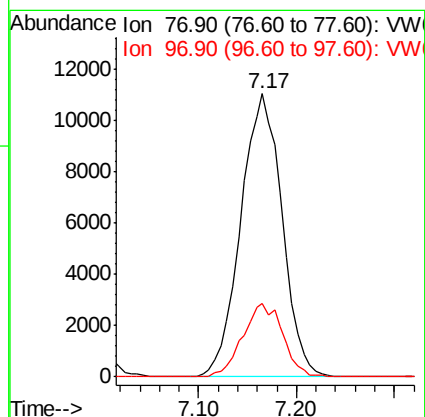
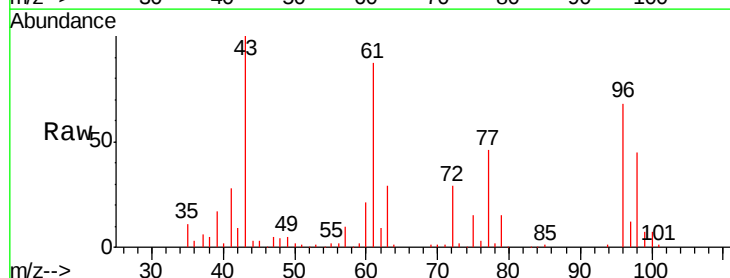
Acq: 16 Dec 2018 03:49

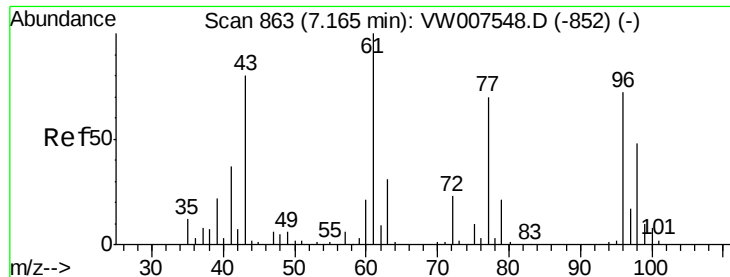
Tgt Ion: 77 Resp: 32486

Ion Ratio Lower Upper

77 100

97 25.2 11.6 34.8





#27

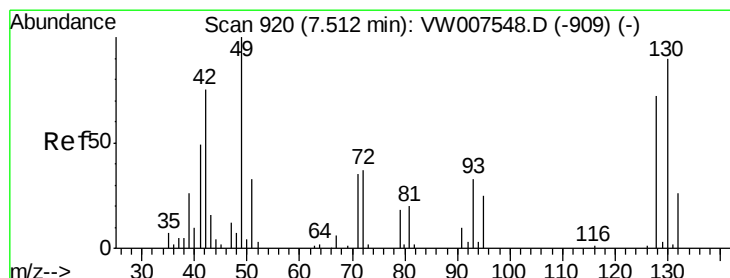
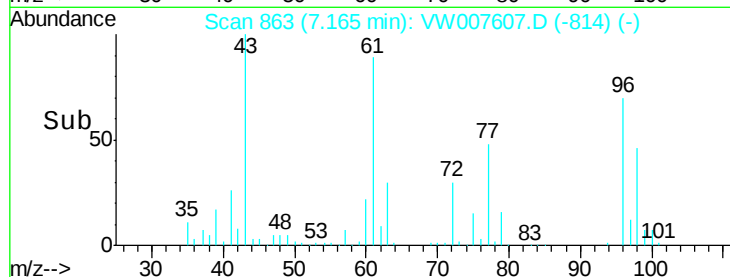
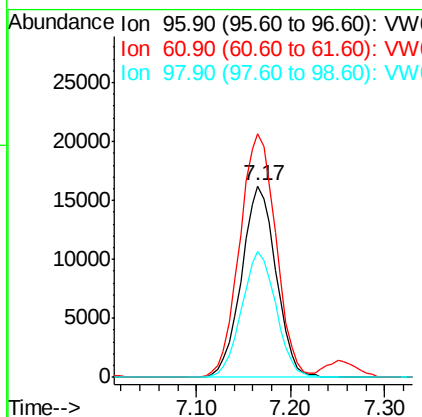
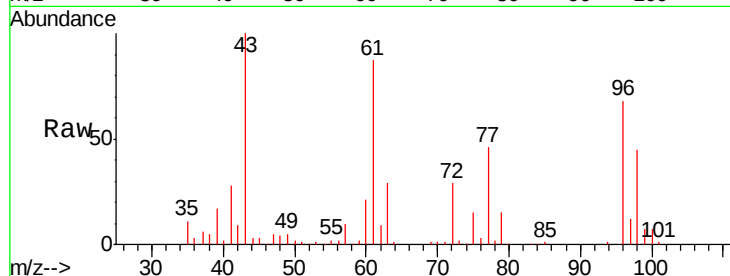
cis-1,2-Dichloroethene
Concen: 67.068 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	268.4
98	65.4	0.0	127.8

Manual Integrations
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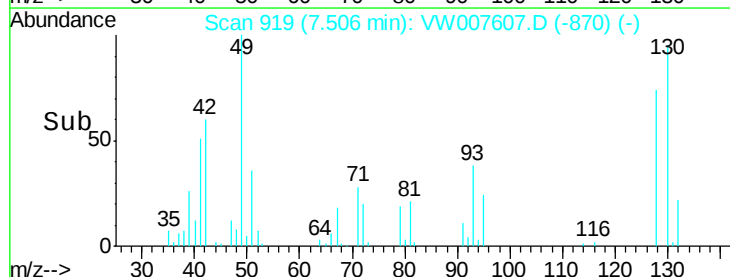
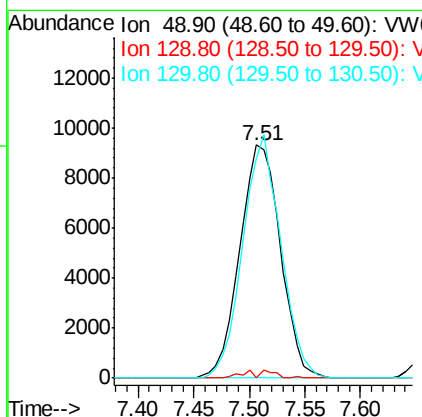
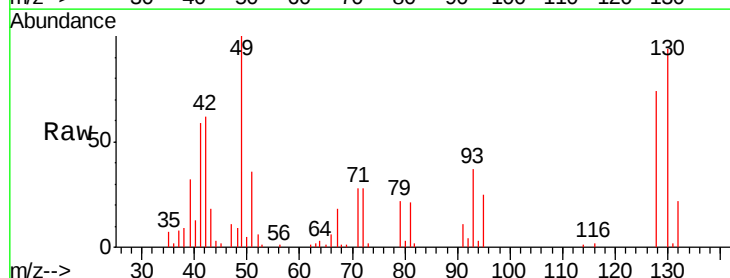
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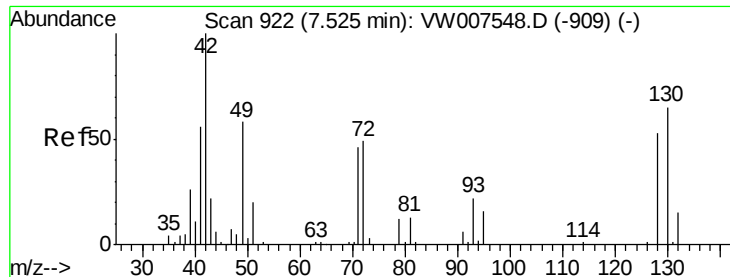


#28

Bromochloromethane
Concen: 65.584 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.6
130	97.3	75.9	113.9





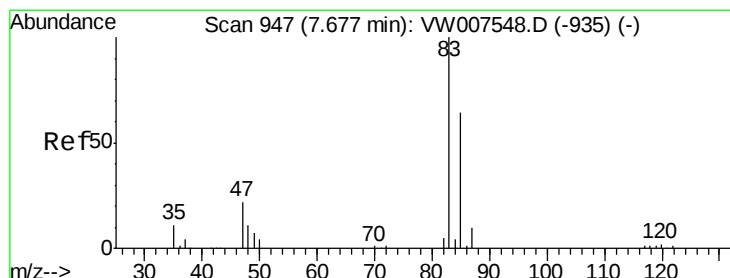
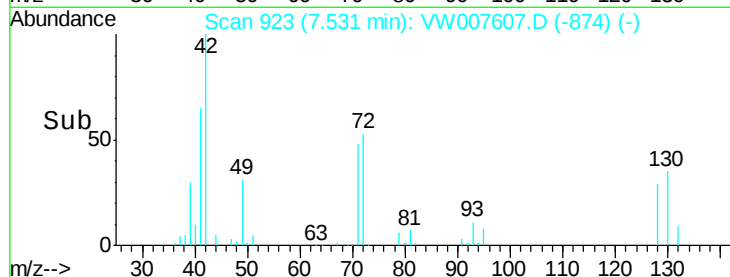
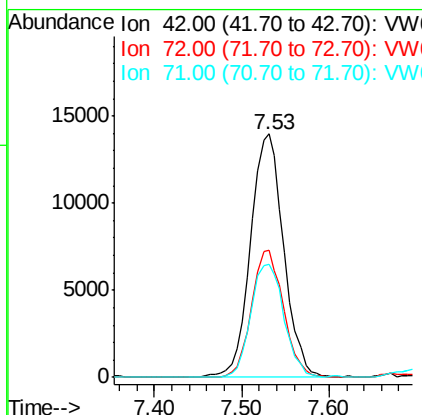
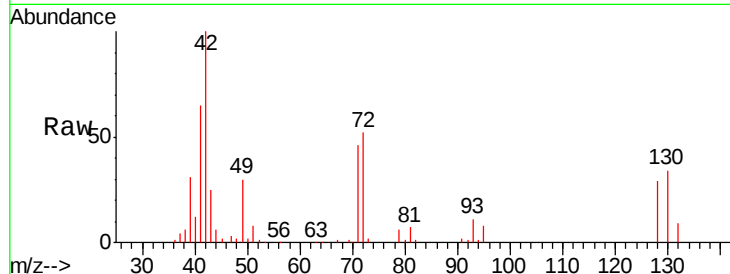
#29
Tetrahydrofuran
Concen: 449.414 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.1	38.2	57.4
71	46.3	35.5	53.3

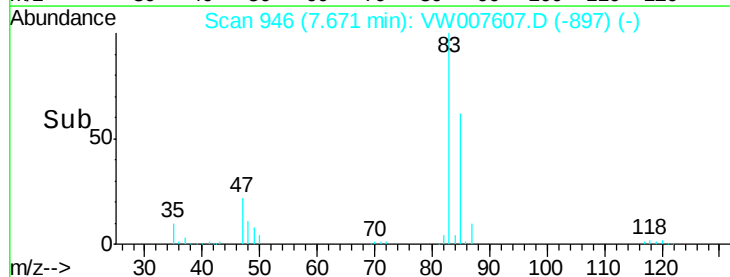
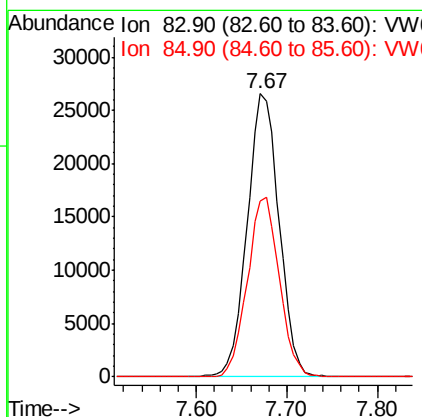
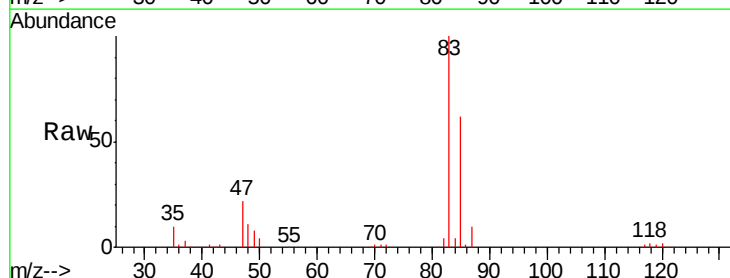
Manual Integrations
APPROVED

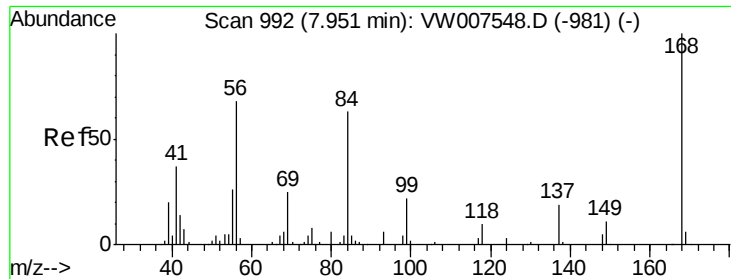
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#30
Chloroform
Concen: 61.610 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.8	77.8





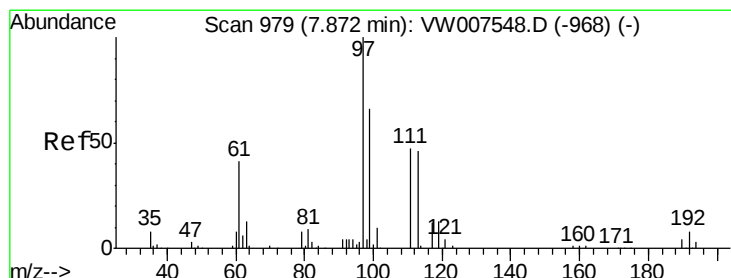
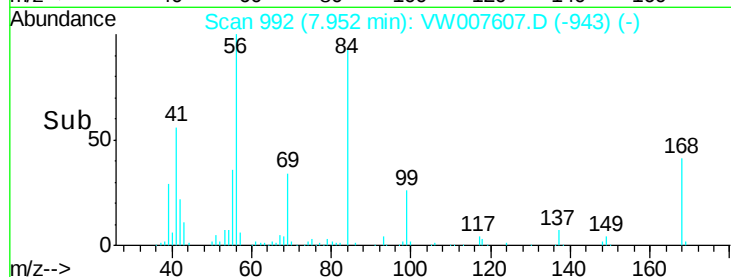
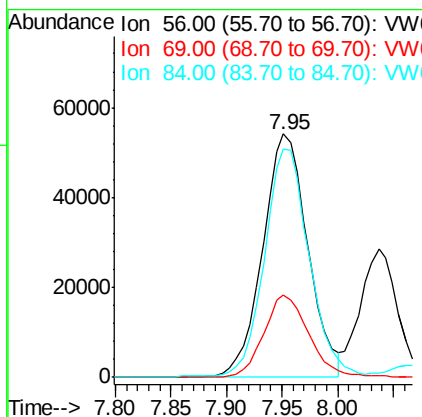
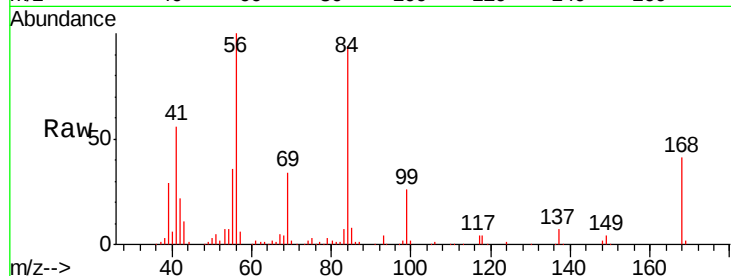
#31
Cyclohexane
Concen: 172.695 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.9	28.9	43.3
84	93.4	71.8	107.6

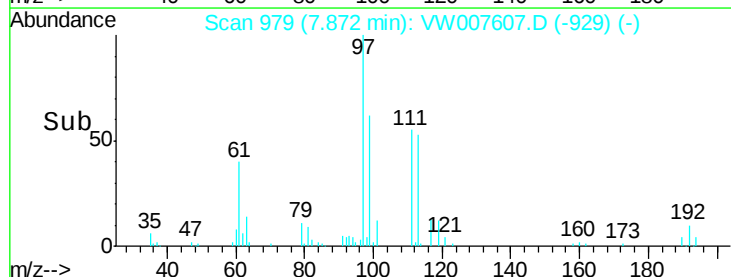
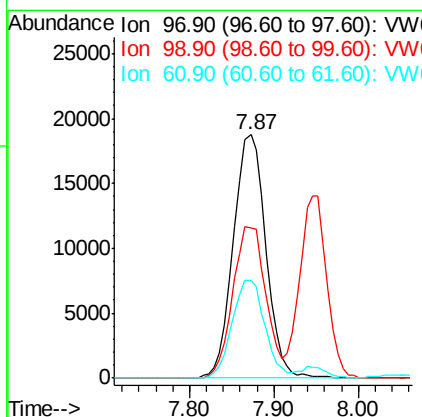
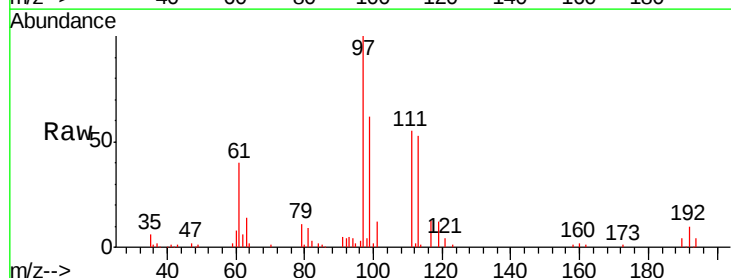
Manual Integrations
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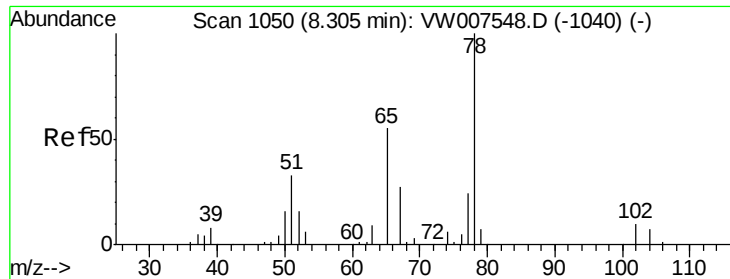
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#32
1,1,1-Trichloroethane
Concen: 53.228 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.1	76.7
61	40.5	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 64.927 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 65 Resp: 36923

Ion Ratio Lower Upper

65 100

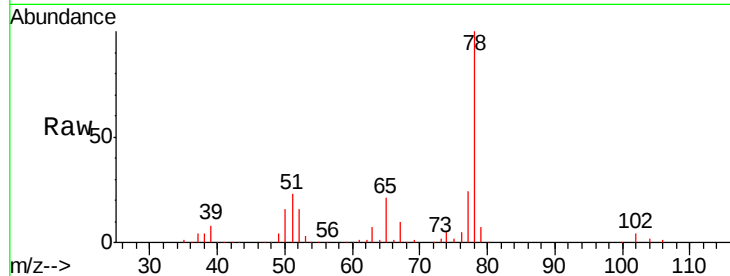
67 48.5 0.0 101.6

Manual Integrations

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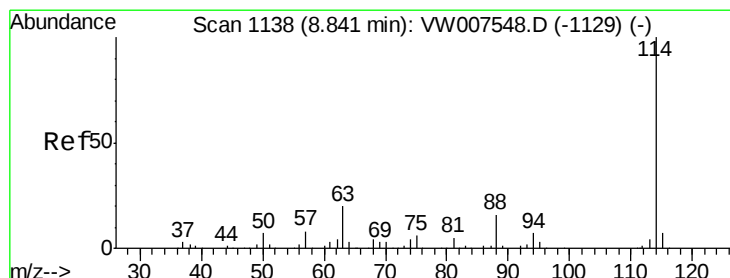
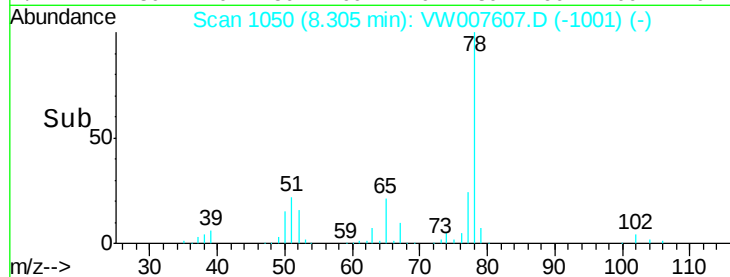
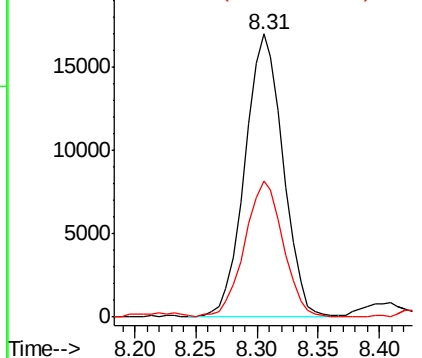
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

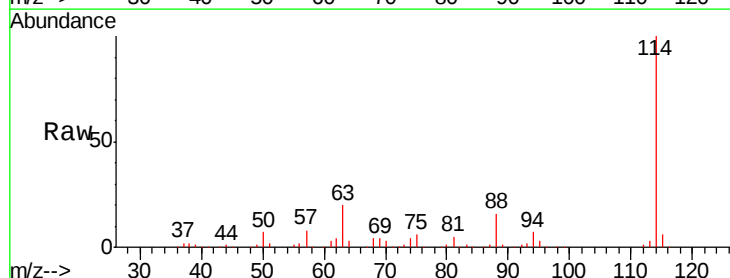
Tgt Ion: 114 Resp: 86206

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

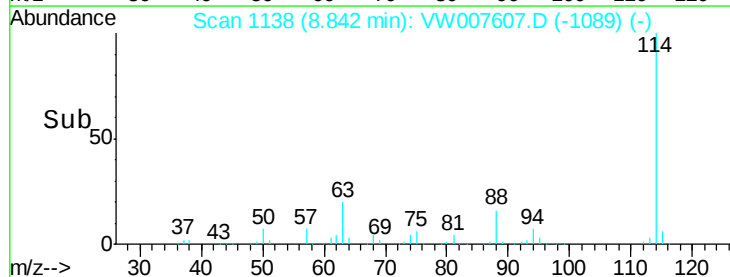
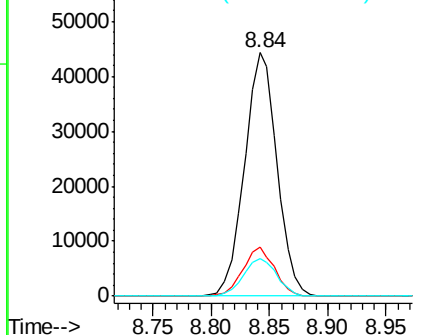
88 15.7 0.0 31.4

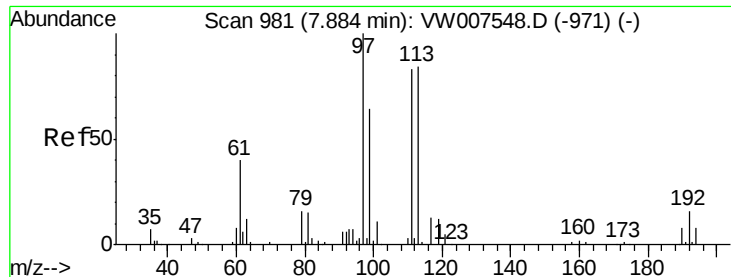


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 57.385 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

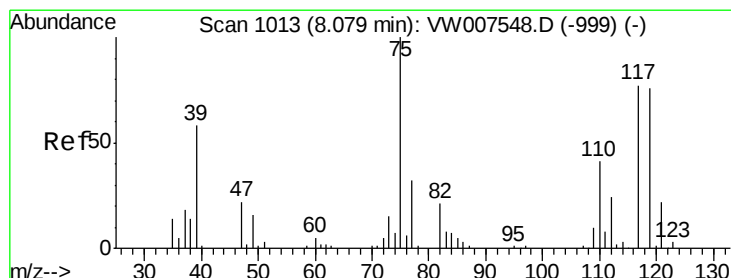
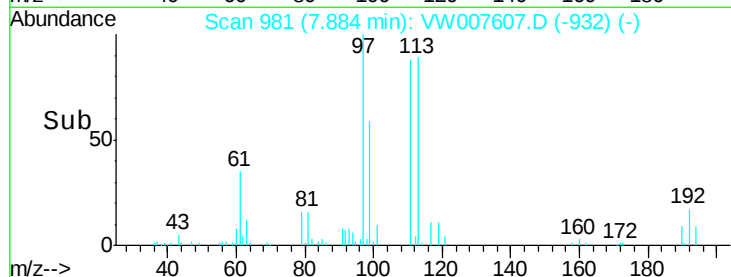
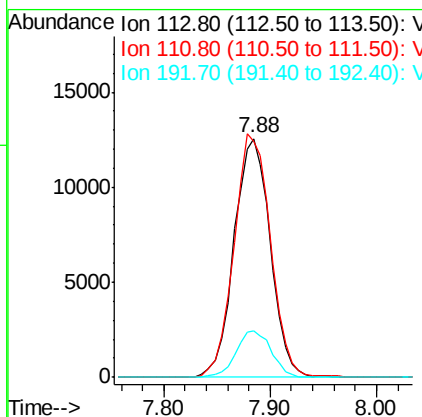
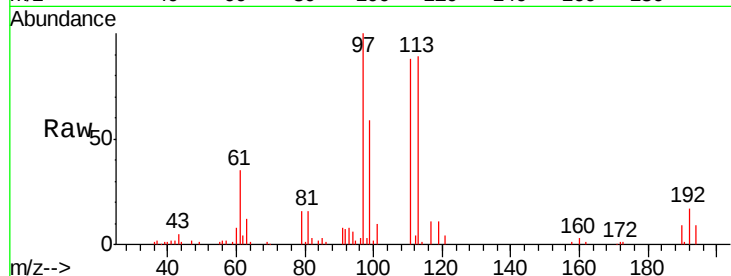
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	113	Resp:	29946
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.1	121.7
192	19.0	14.6	21.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.694 ug/l

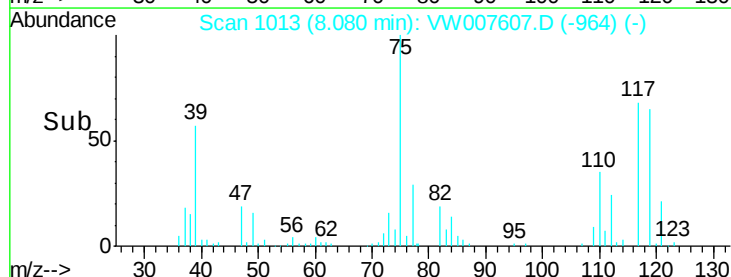
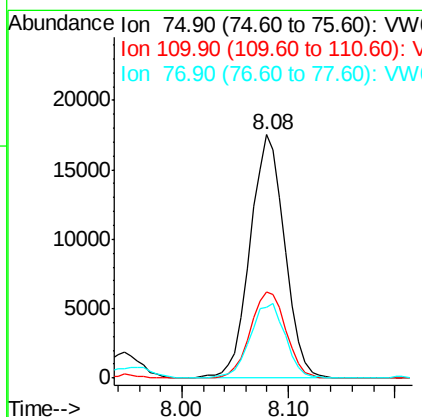
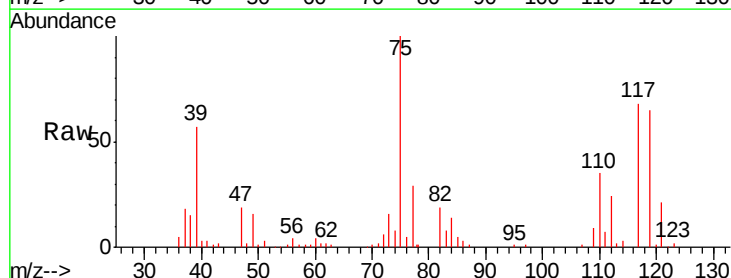
RT: 8.08 min Scan# 1013

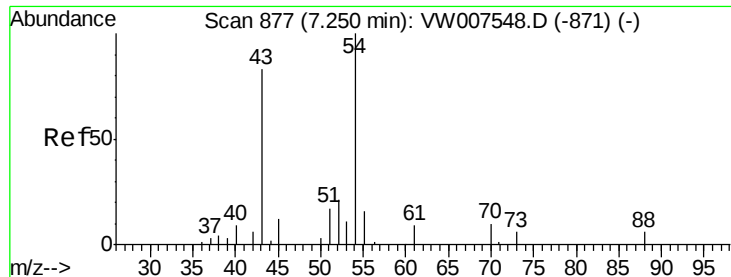
Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion:	75	Resp:	39866
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.5	55.5
77	31.5	25.6	38.4





#37

Ethyl Acetate

Concen: 77.353 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion:	43	Resp:	22625
Ion Ratio		Lower	Upper
43	100		
61	15.0	12.1	18.1
70	12.3	10.0	15.0

Instrument :

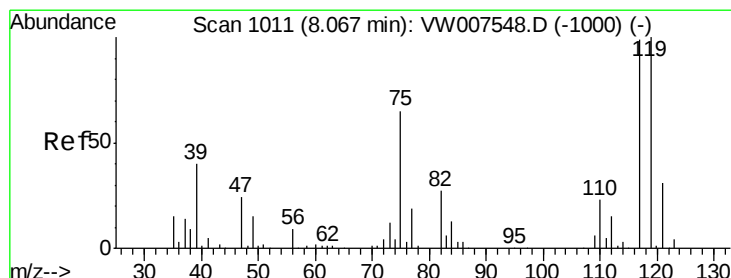
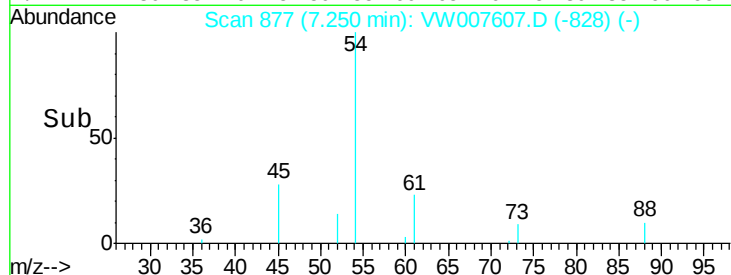
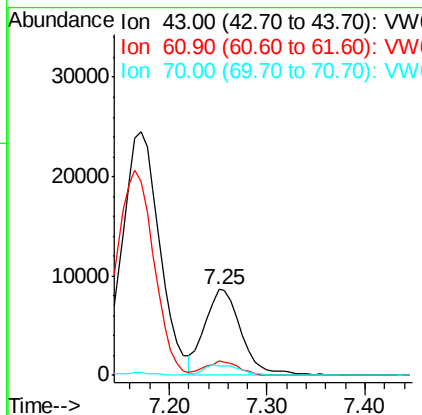
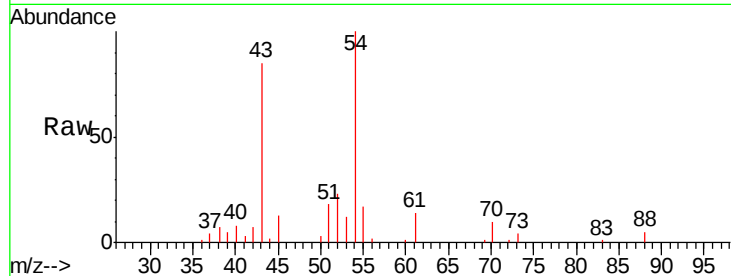
MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

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#38

Carbon Tetrachloride

Concen: 49.220 ug/l

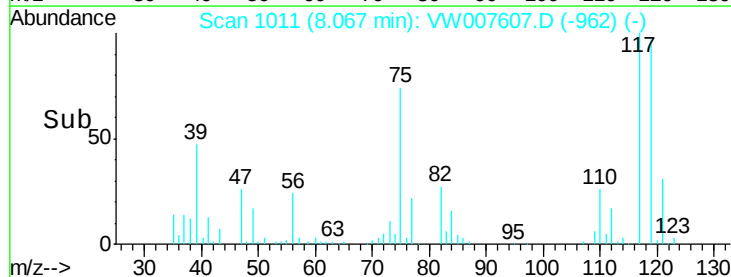
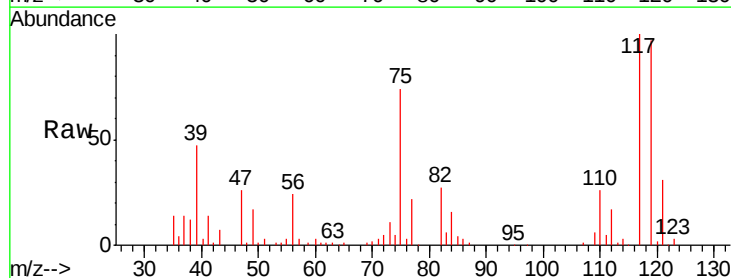
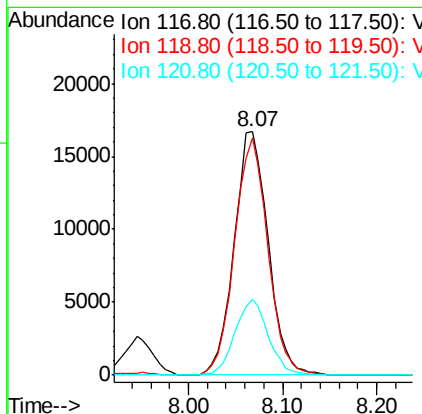
RT: 8.07 min Scan# 1011

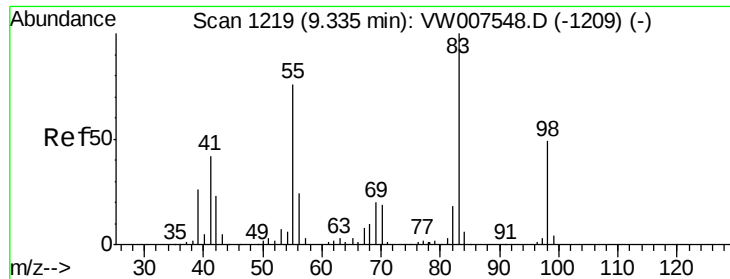
Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion:	117	Resp:	42116
Ion Ratio		Lower	Upper
117	100		
119	97.4	74.3	111.5
121	31.1	24.3	36.5





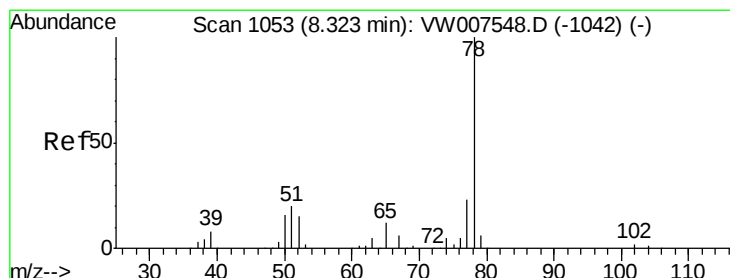
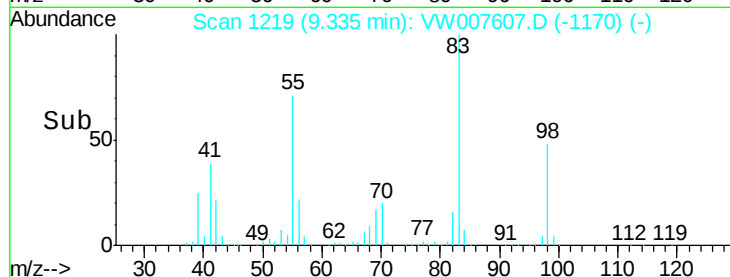
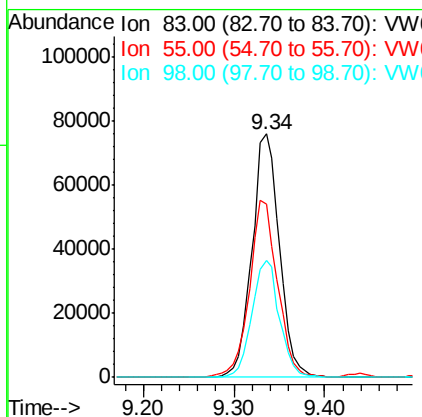
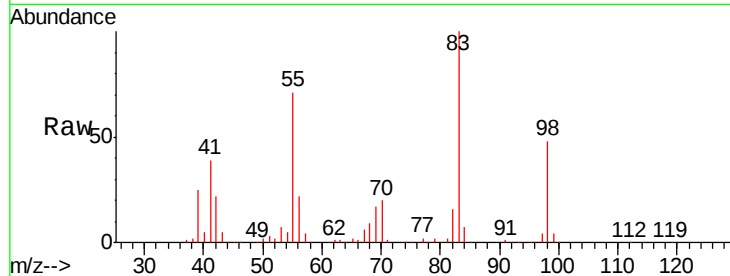
#39
Methylcyclohexane
Concen: 167.460 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.2	62.8	94.2
98	47.9	42.2	63.2

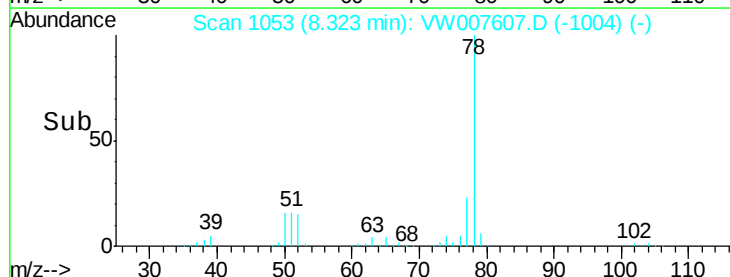
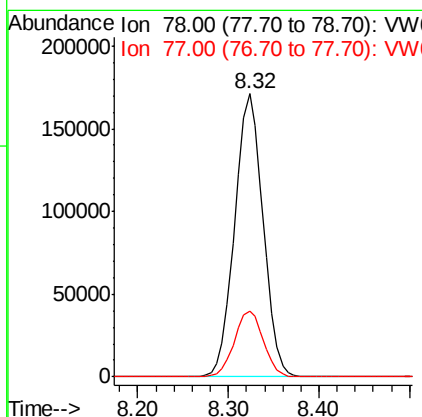
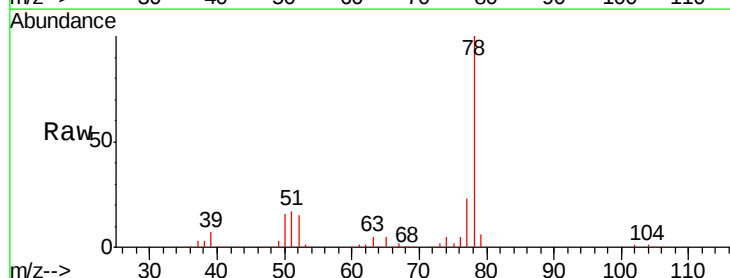
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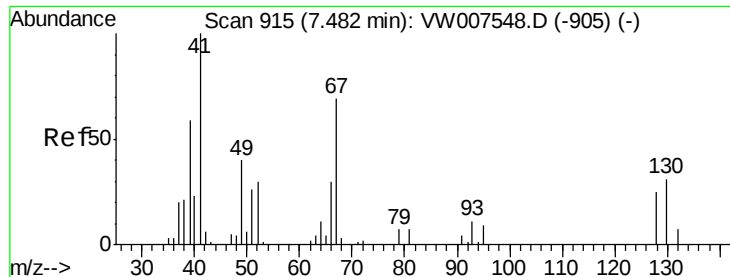
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#40
Benzene
Concen: 169.870 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





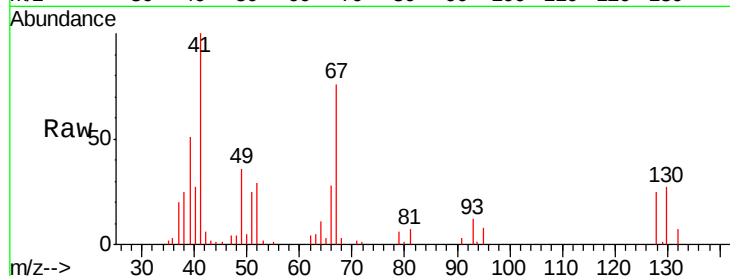
#41
Methacrylonitrile
Concen: 89.685 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

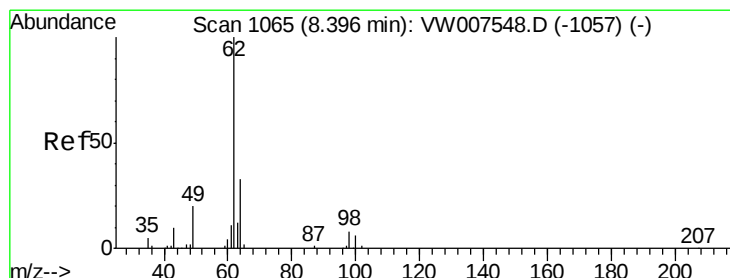
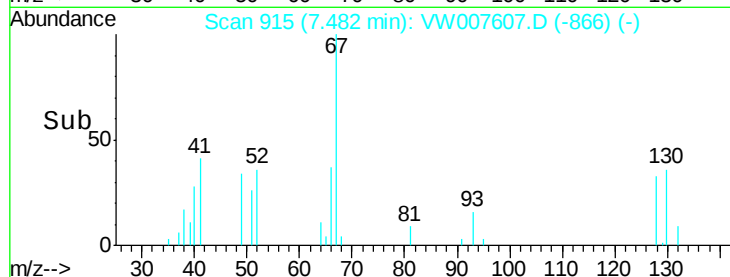
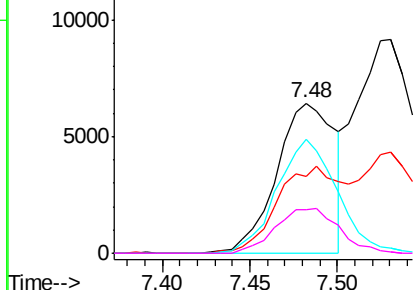
Tgt Ion:	41	Resp:	14938
Ion	Ratio	Lower	Upper
41	100		
39	65.4	52.2	78.2
67	78.8	60.5	90.7
52	32.4	25.3	37.9

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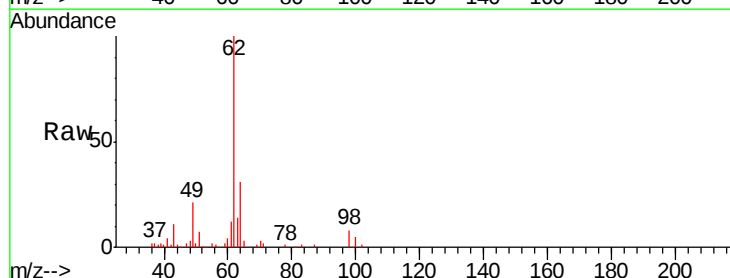


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

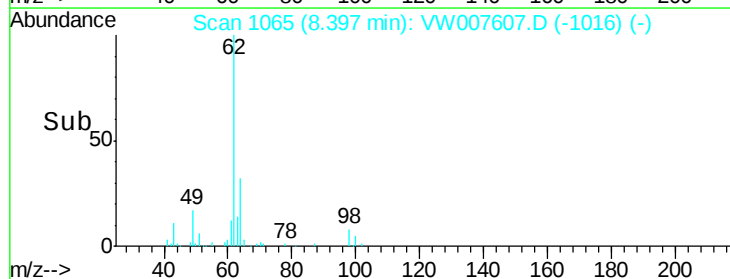
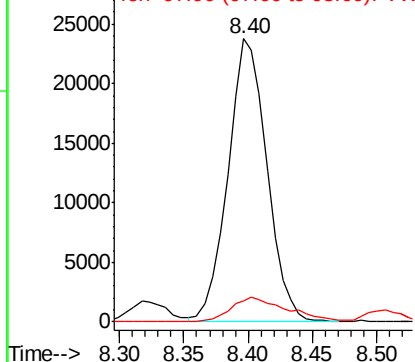


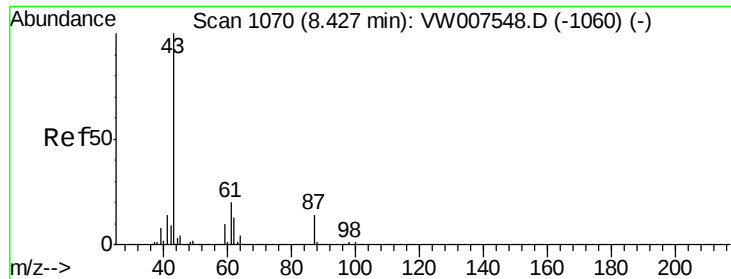
#42
1,2-Dichloroethane
Concen: 72.789 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion:	62	Resp:	49901
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





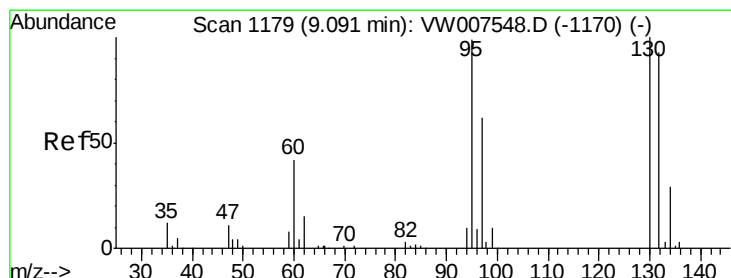
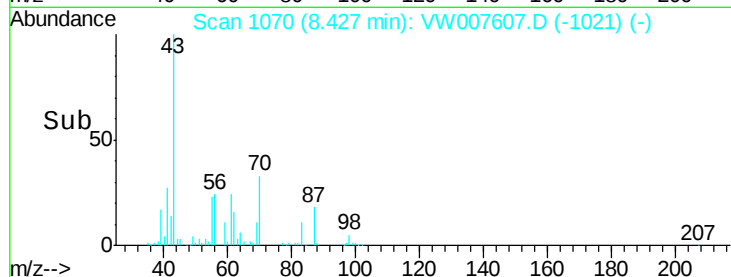
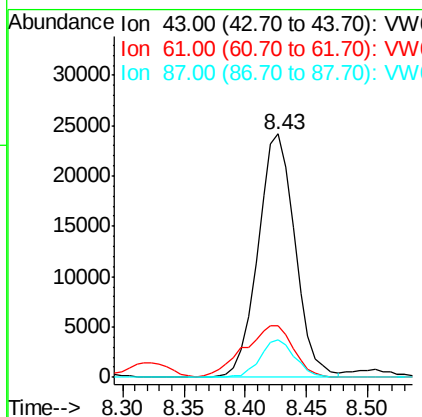
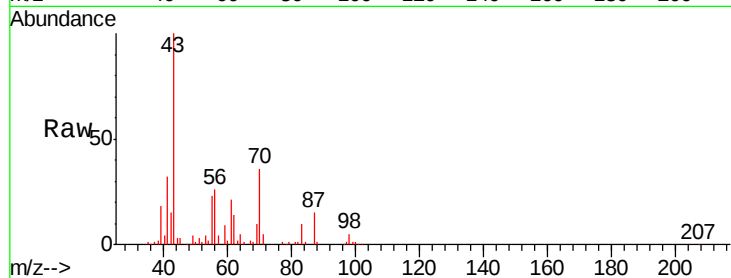
#43
Isopropyl Acetate
Concen: 88.301 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.3	25.3	37.9
87	14.5	11.8	17.8

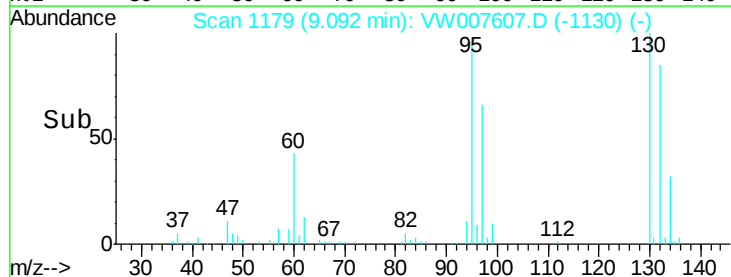
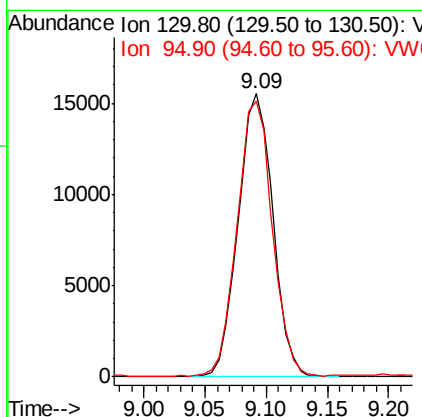
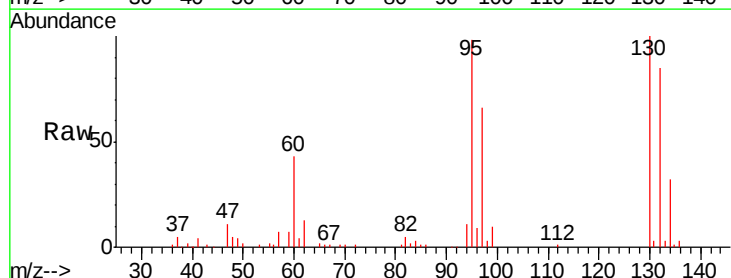
Manual Integrations
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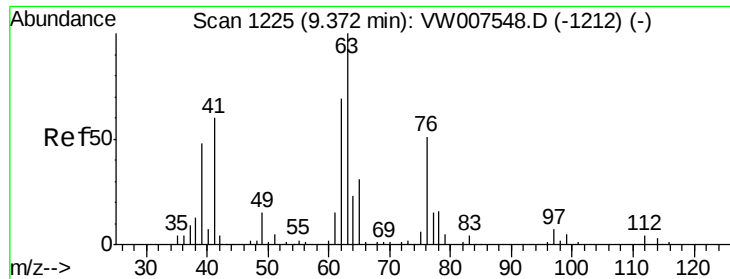
apatel
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#44
Trichloroethene
Concen: 49.246 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	193.2





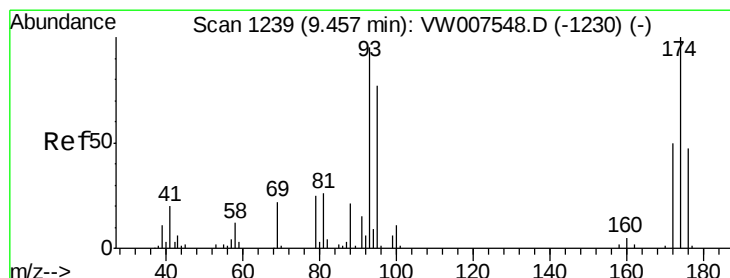
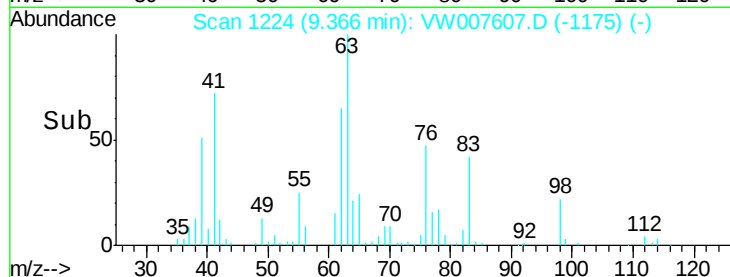
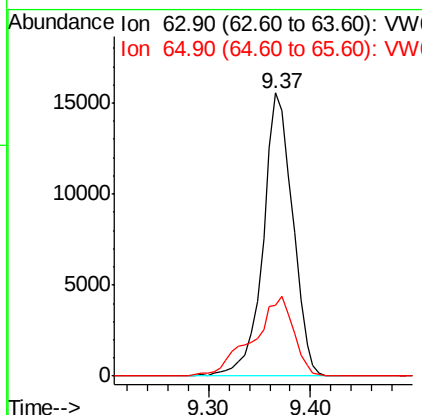
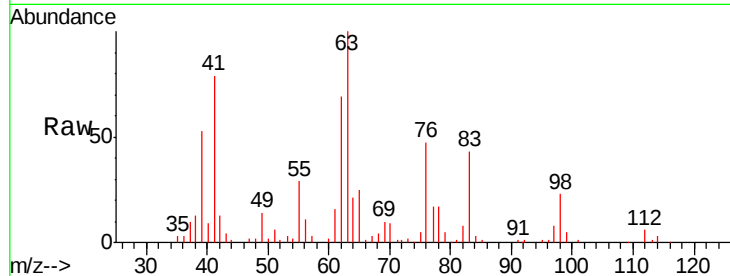
#45
 1,2-Dichloropropane
 Concen: 61.964 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion: 63 Resp: 31294
 Ion Ratio Lower Upper
 63 100
 65 25.0 24.4 36.6

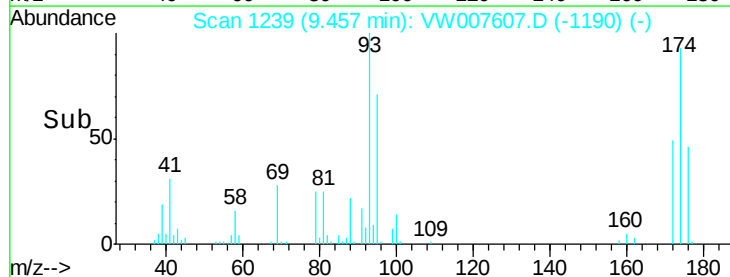
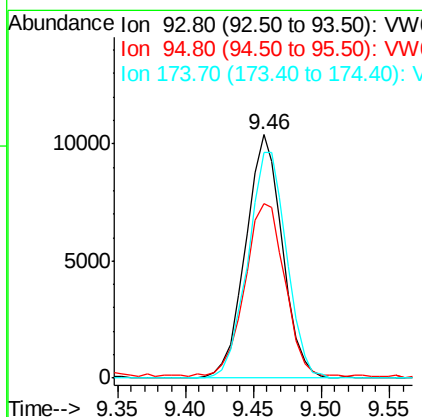
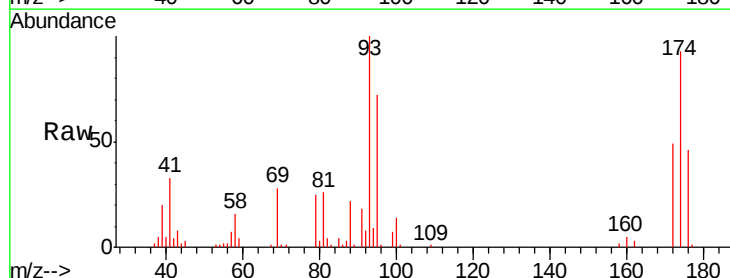
Manual Integrations
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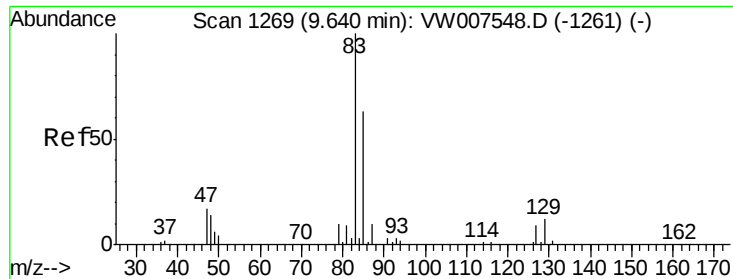
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#46
 Dibromomethane
 Concen: 68.473 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 93 Resp: 19638
 Ion Ratio Lower Upper
 93 100
 95 77.6 68.0 102.0
 174 97.8 83.2 124.8





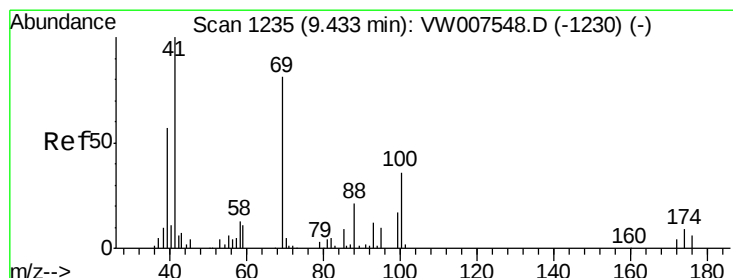
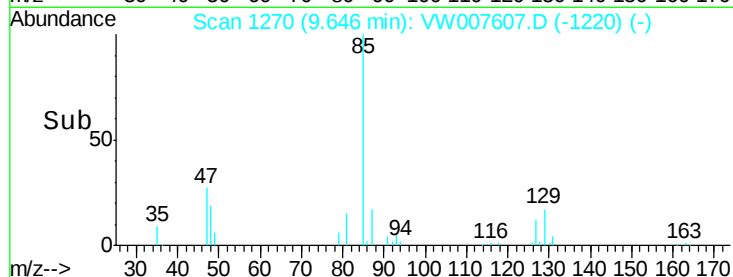
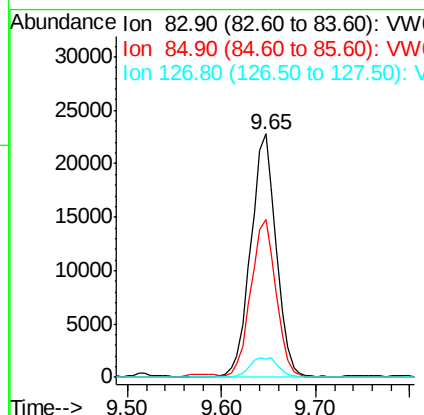
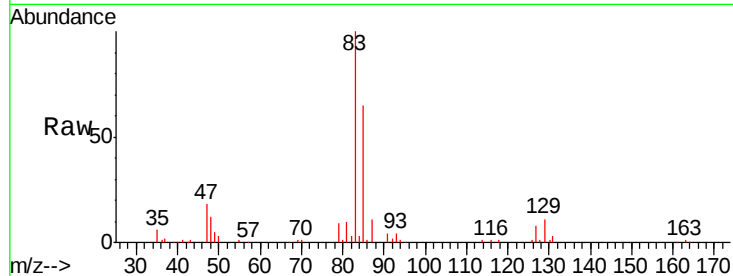
#47
Bromodichloromethane
Concen: 57.813 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	43492		
85	64.8	47.6	71.4	
127	7.5	6.7	10.1	

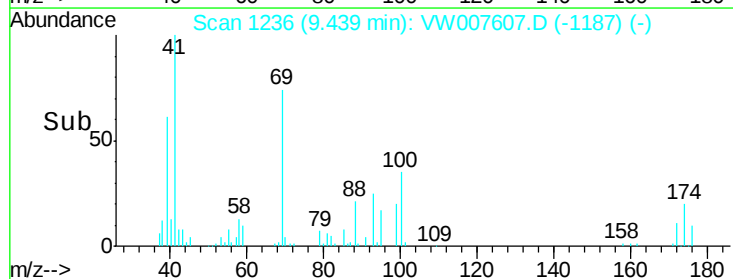
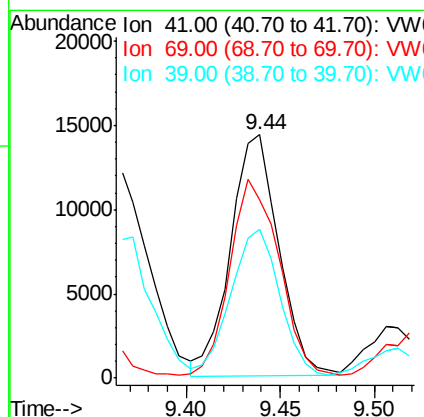
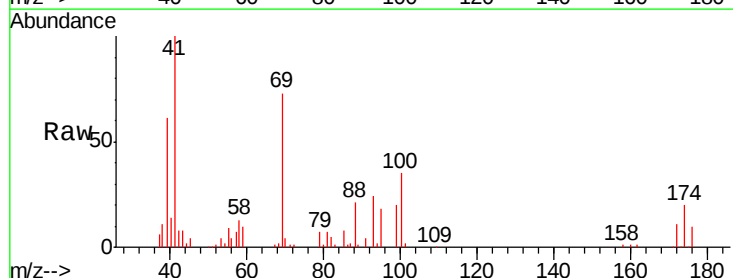
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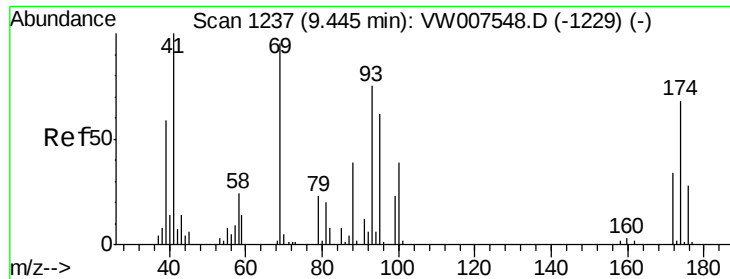
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#48
Methyl methacrylate
Concen: 86.015 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	25523		
69	84.5	69.8	104.8	
39	62.7	50.9	76.3	





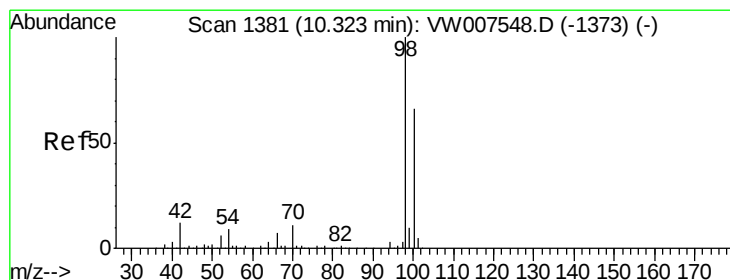
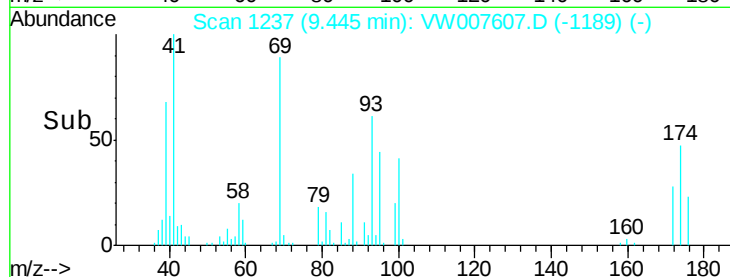
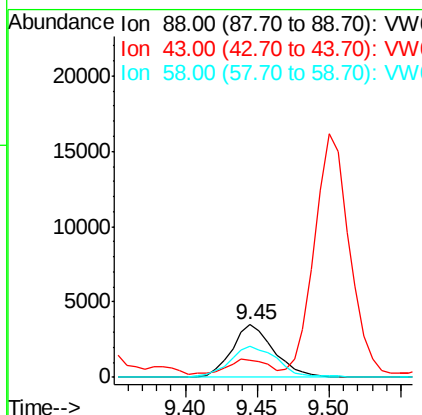
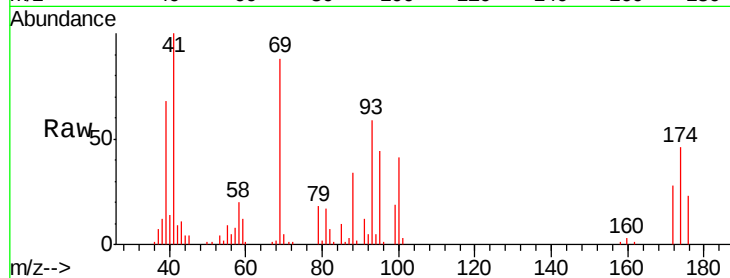
#49
1,4-Dioxane
Concen: 1519.919 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion: 88 Resp: 7073
Ion Ratio Lower Upper
88 100
43 25.0 25.0 37.4
58 67.8 51.4 77.2

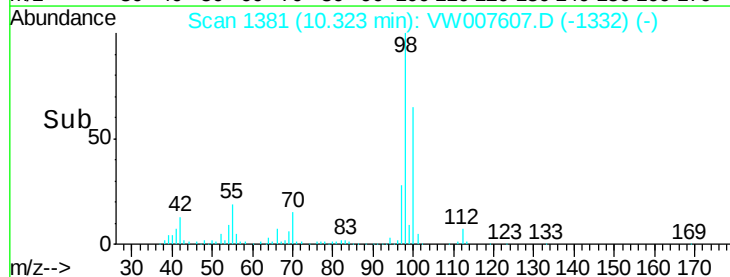
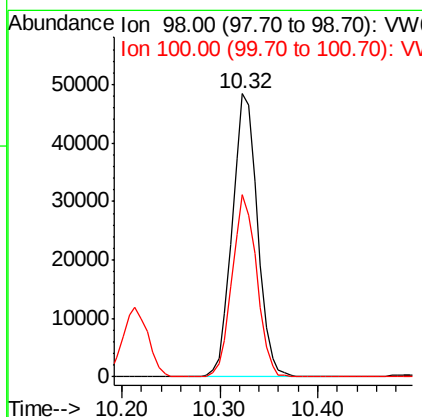
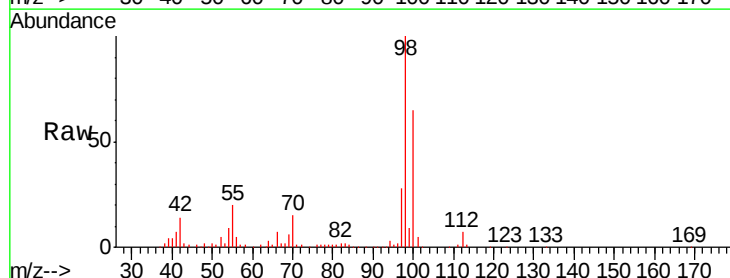
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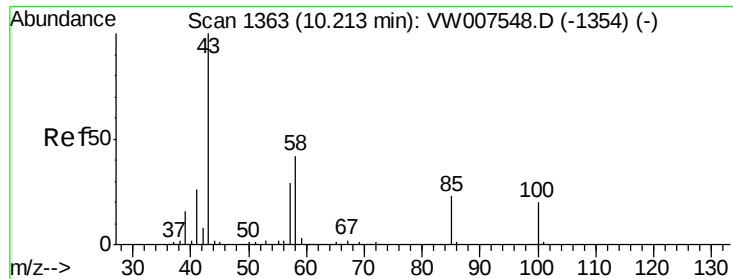
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#50
Toluene-d8
Concen: 44.330 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 98 Resp: 86737
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 426.912 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 43 Resp: 116543

Ion Ratio Lower Upper

43 100

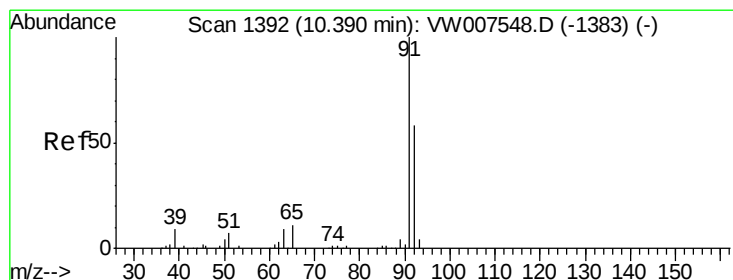
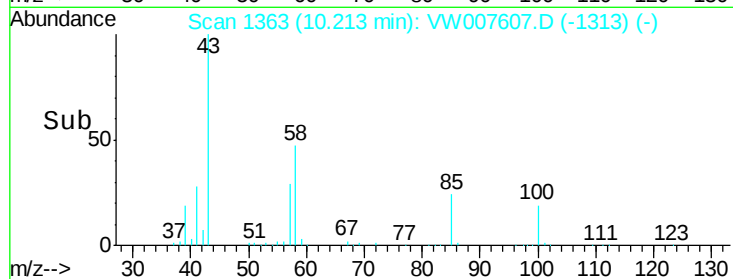
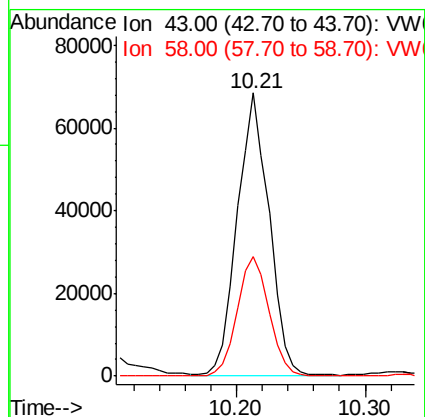
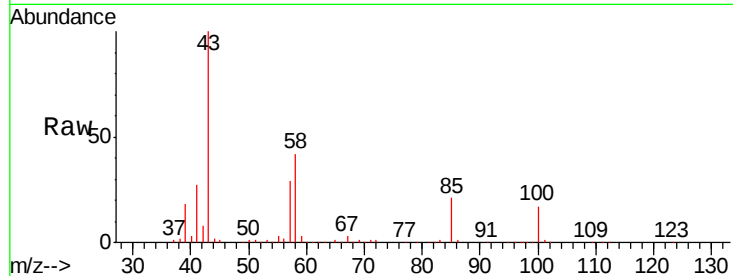
58 42.5 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 2380.096 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007607.D

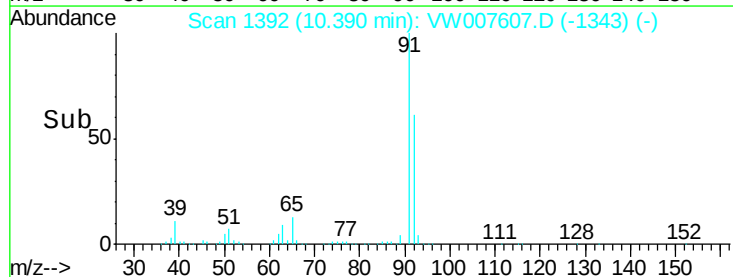
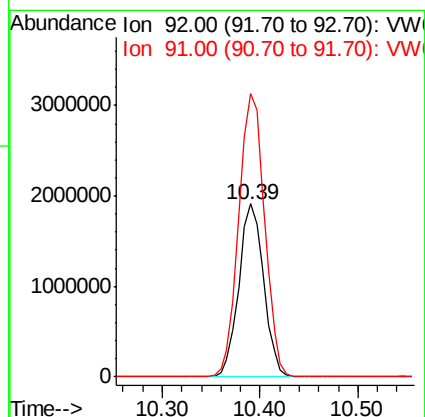
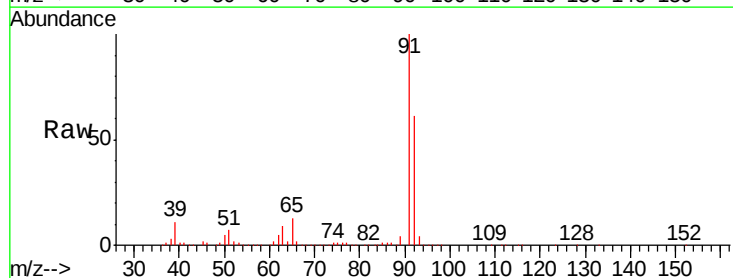
Acq: 16 Dec 2018 03:49

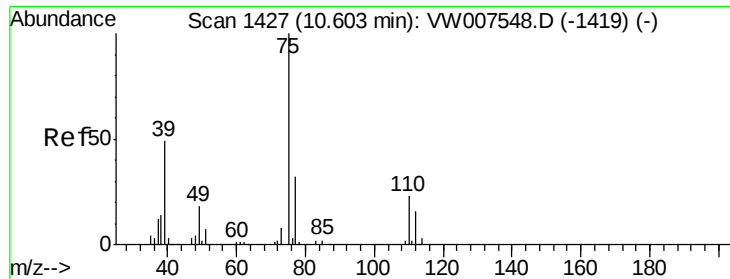
Tgt Ion: 92 Resp: 3361489

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.2





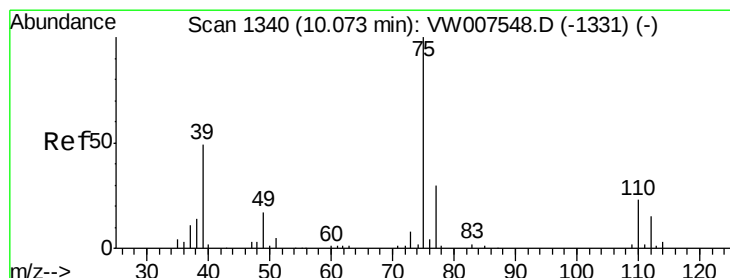
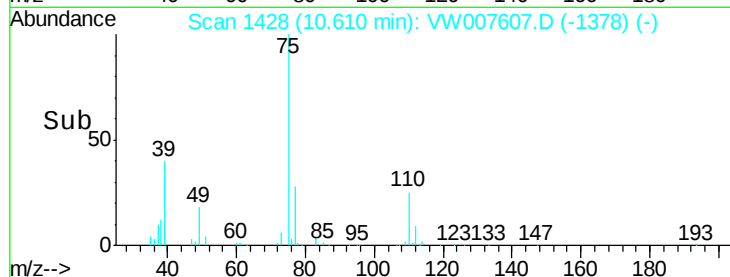
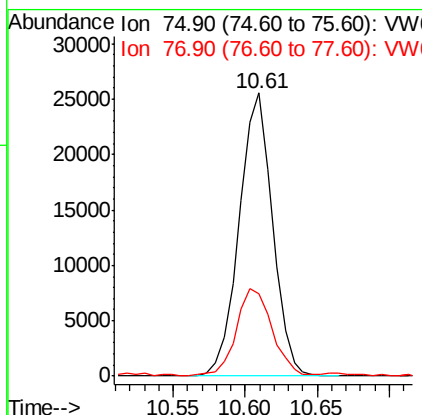
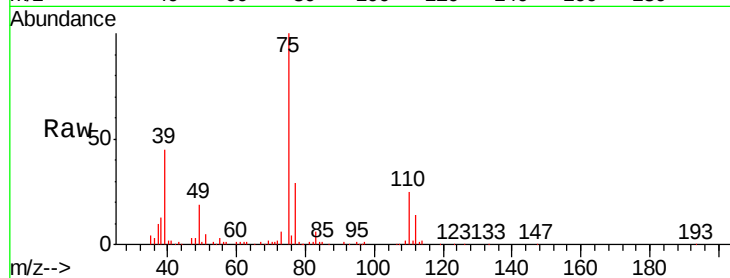
#53
 t-1,3-Dichloropropene
 Concen: 56.115 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion: 75 Resp: 40983
 Ion Ratio Lower Upper
 75 100
 77 28.5 26.2 39.4

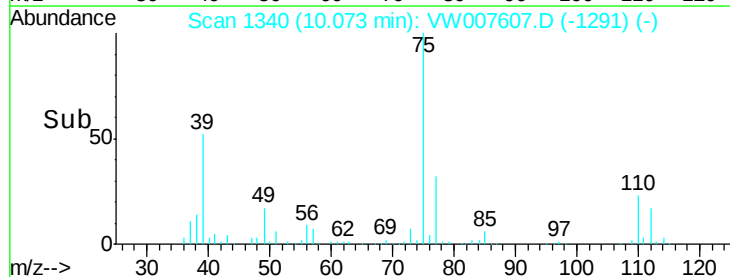
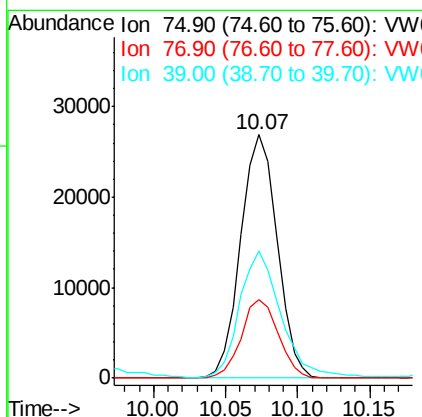
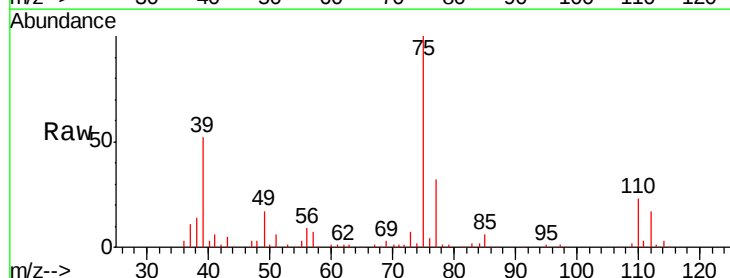
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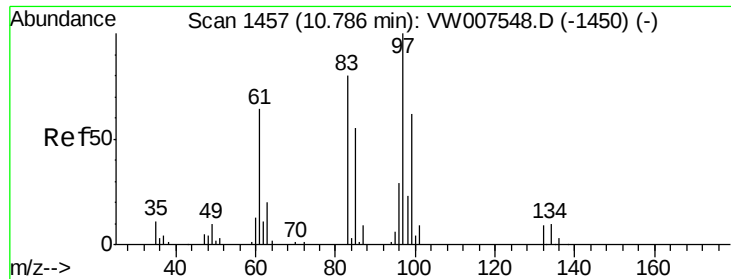
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#54
 cis-1,3-Dichloropropene
 Concen: 56.133 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 75 Resp: 47392
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 52.0 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 81.796 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

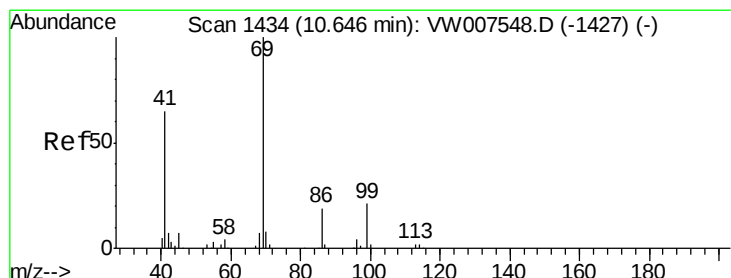
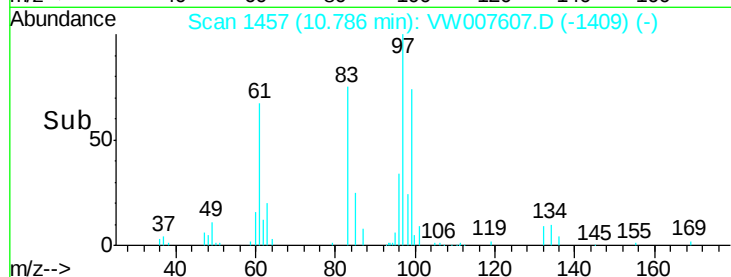
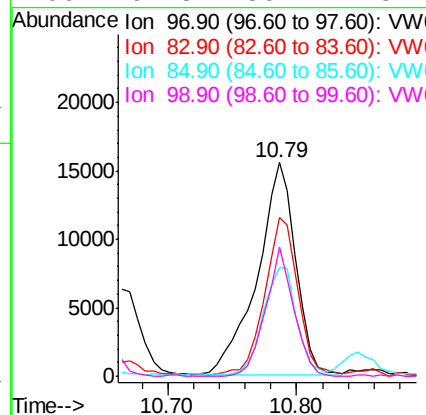
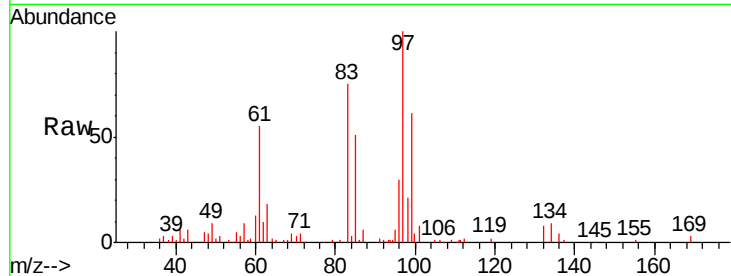
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	97	Resp:	31928
Ion	Ratio	Lower	Upper
97	100		
83	74.2	62.1	93.1
85	50.2	44.2	66.4
99	61.3	50.2	75.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 74.649 ug/l

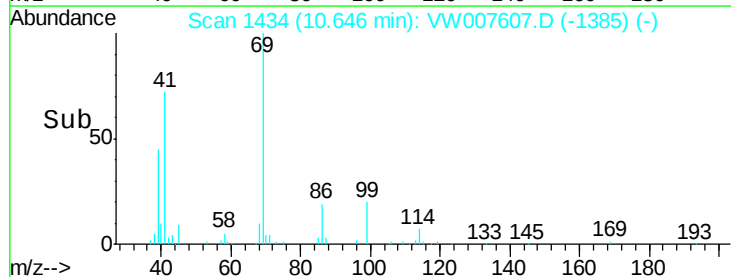
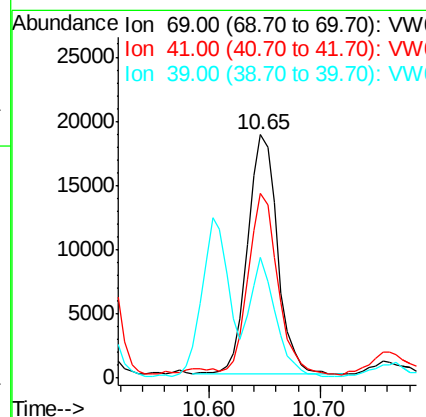
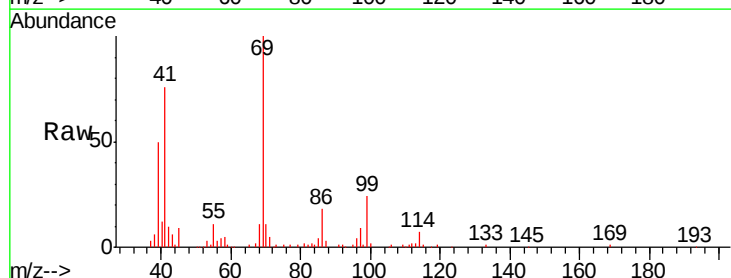
RT: 10.65 min Scan# 1434

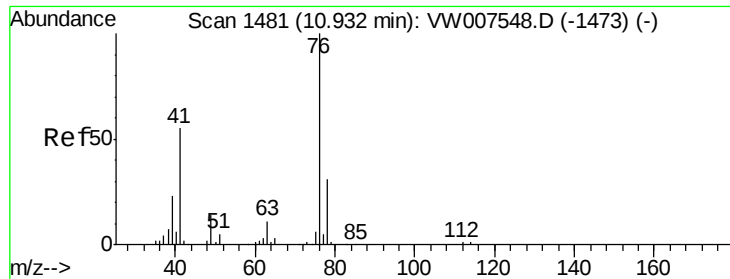
Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion:	69	Resp:	35023
Ion	Ratio	Lower	Upper
69	100		
41	75.2	51.0	76.6
39	0.0	30.8	46.2#





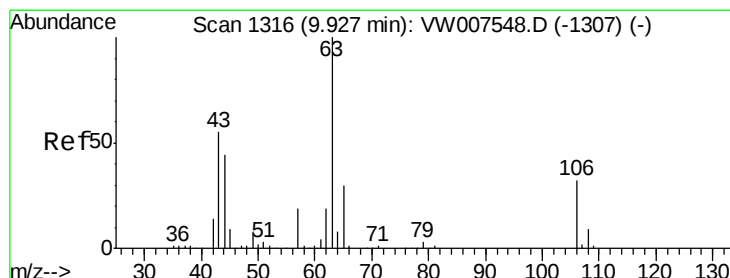
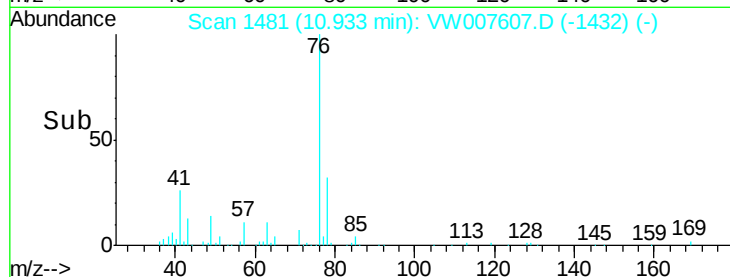
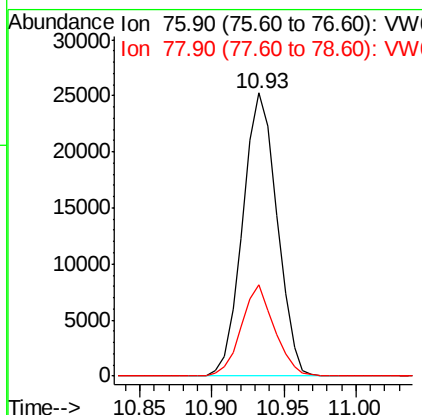
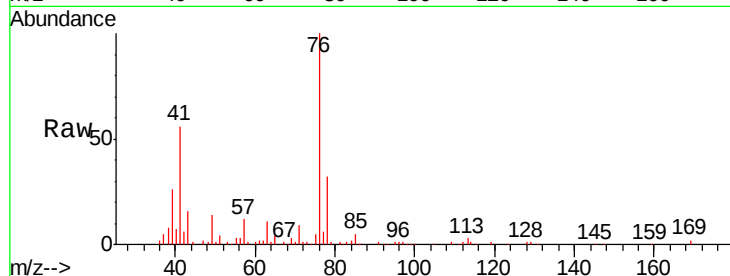
#57
 1,3-Dichloropropane
 Concen: 65.160 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion: 76 Resp: 41747
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.2 39.4

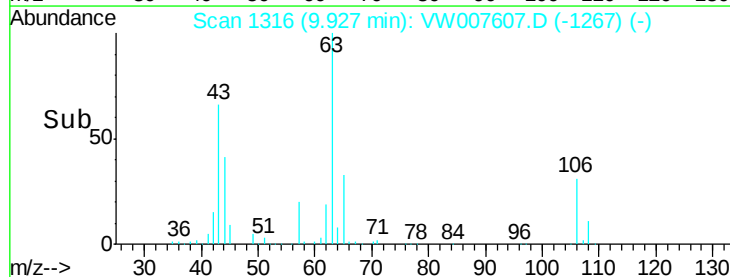
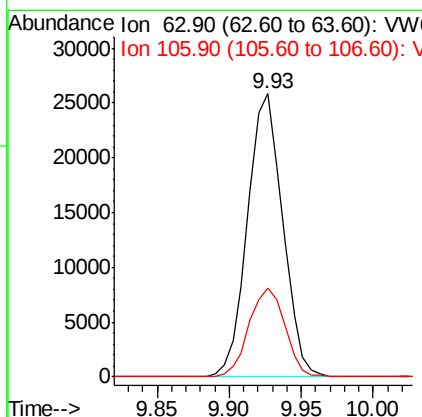
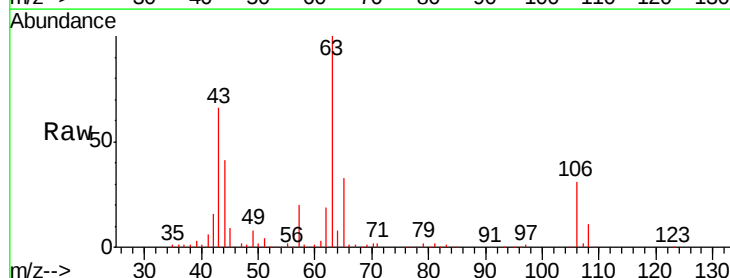
Manual Integrations
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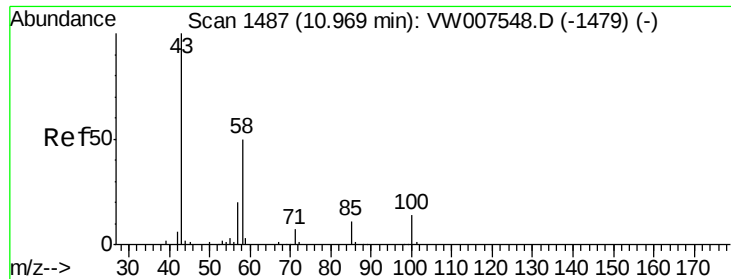
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#58
 2-Chloroethyl Vinyl ether
 Concen: 201.755 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 63 Resp: 43651
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.0 37.6





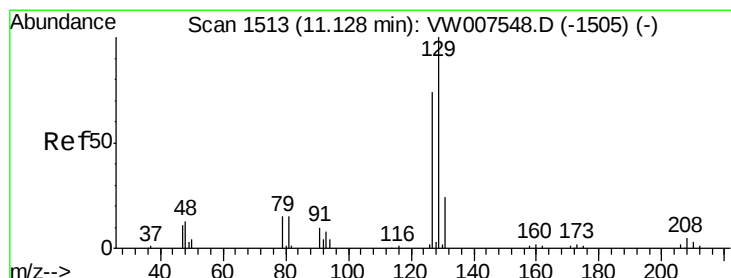
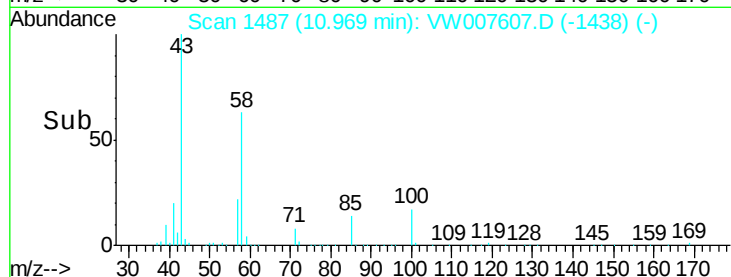
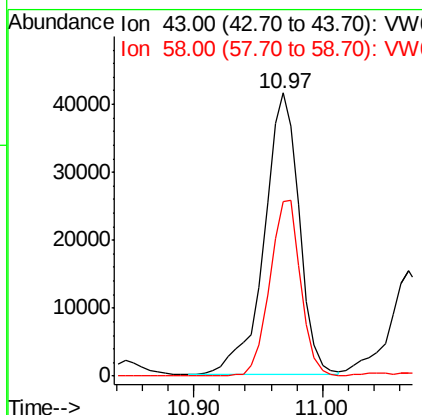
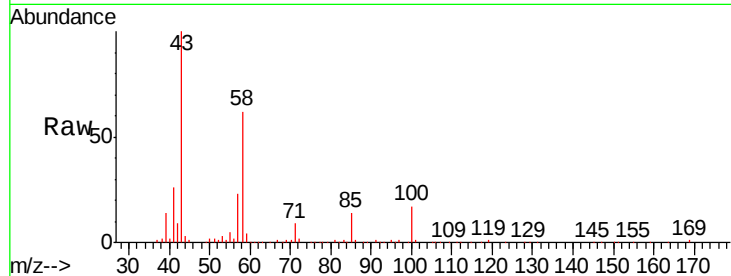
#59
2-Hexanone
Concen: 430.989 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion: 43 Resp: 78453
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3

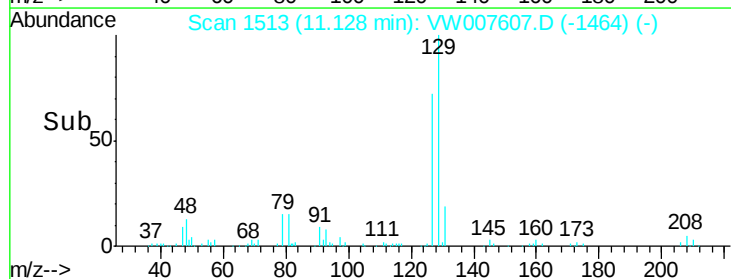
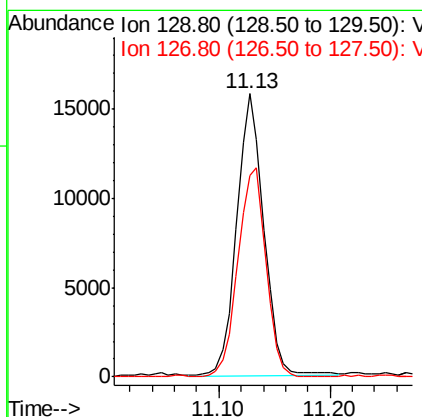
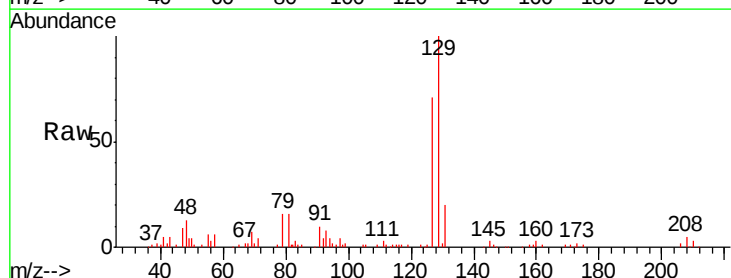
Manual Integrations
APPROVED

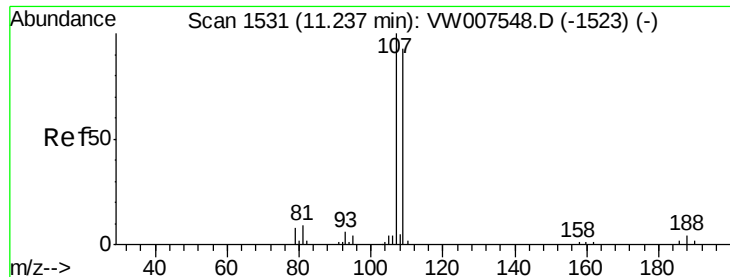
apatel
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#60
Dibromochloromethane
Concen: 53.983 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 129 Resp: 26592
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3





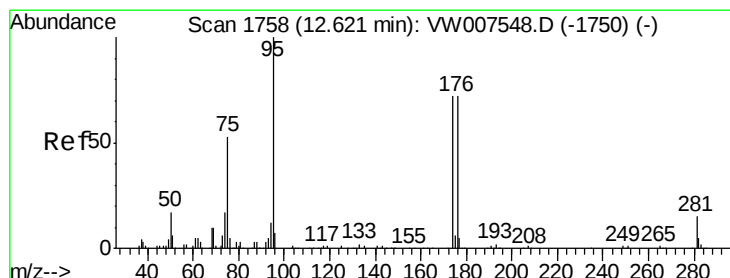
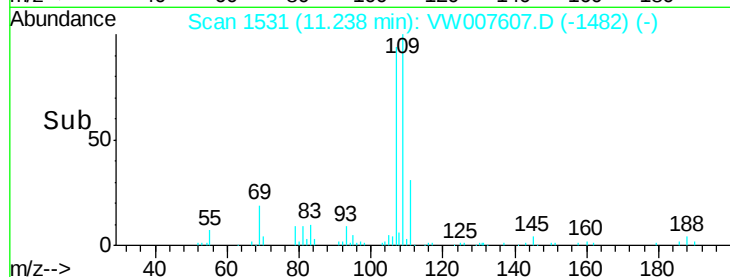
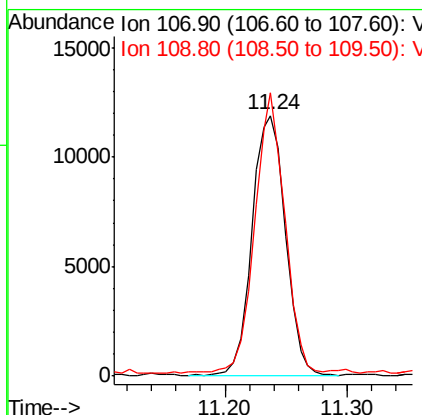
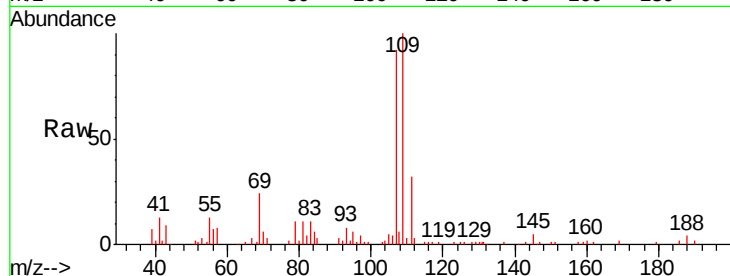
#61
 1,2-Dibromoethane
 Concen: 58.868 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion: 107 Resp: 22708
 Ion Ratio Lower Upper
 107 100
 109 97.2 79.1 118.7

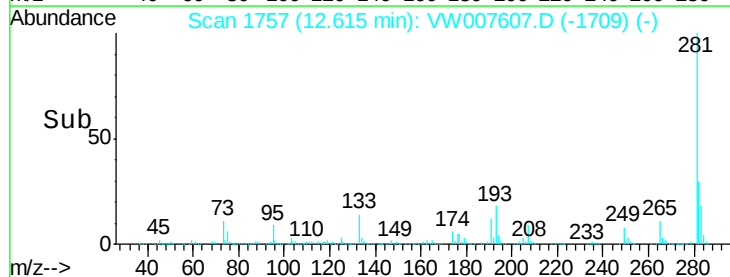
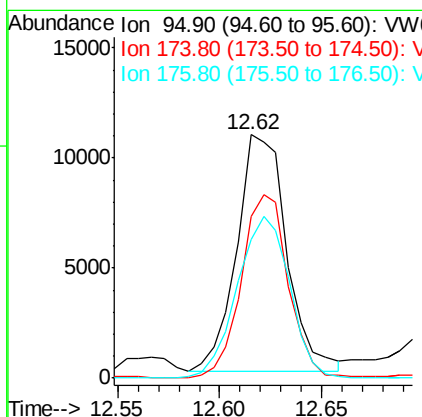
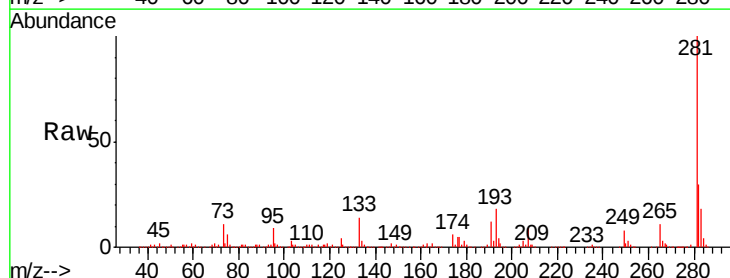
Manual Integrations
 APPROVED

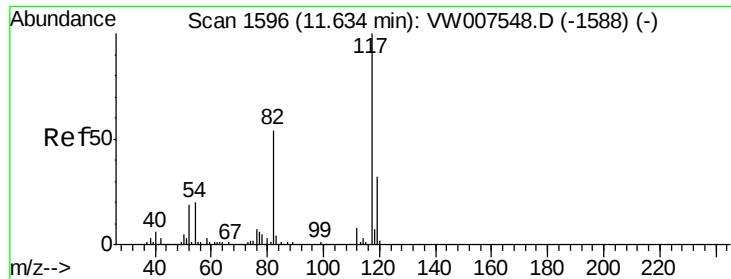
apatel
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#62
 4-Bromofluorobenzene
 Concen: 25.259 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 95 Resp: 18171
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 147.2
 176 72.1 0.0 138.8





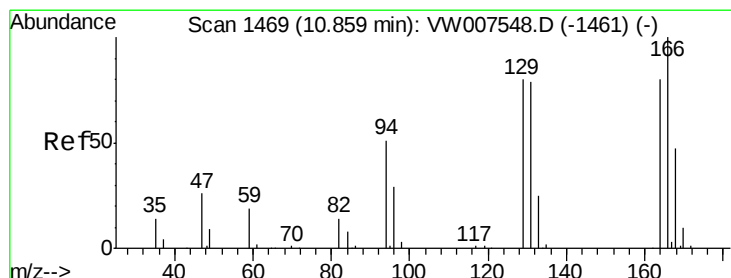
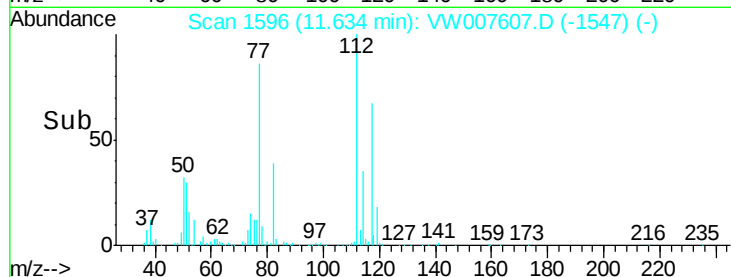
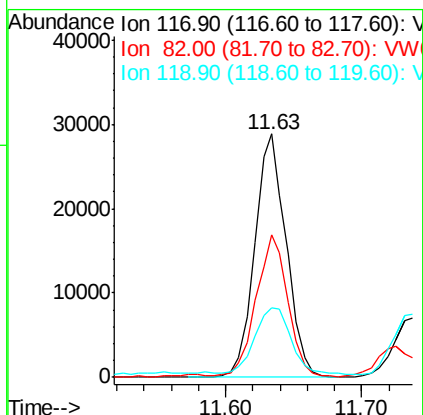
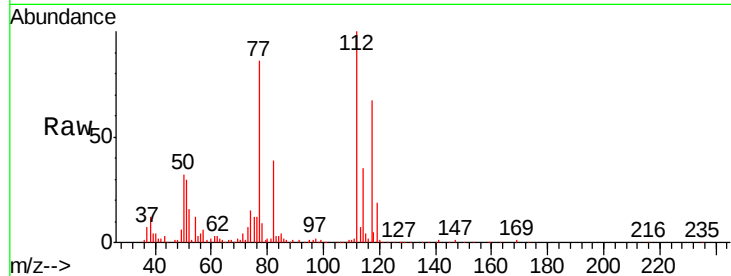
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	42.3	63.5
119	26.8	23.0	34.6

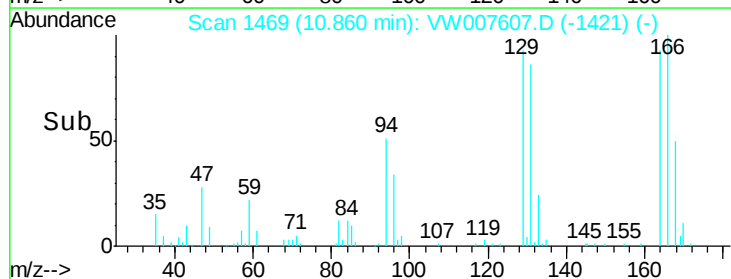
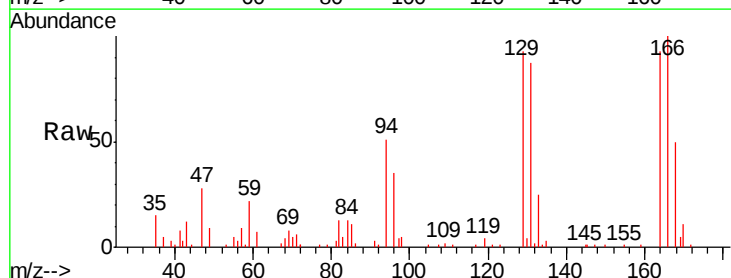
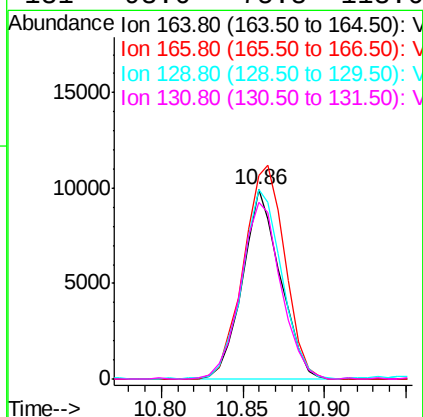
Manual Integrations
APPROVED

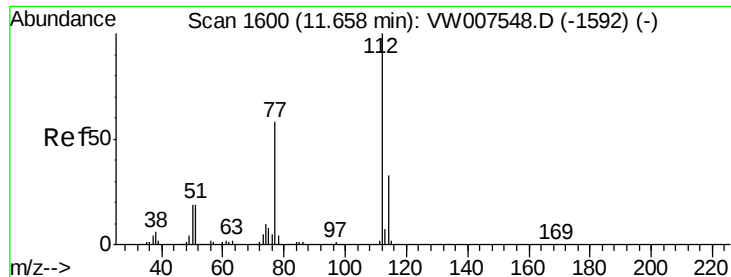
apatel
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#64
Tetrachloroethene
Concen: 47.358 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	108.0	107.9	161.9
129	100.5	73.4	110.2
131	93.6	75.8	113.6





#65

Chlorobenzene

Concen: 1350.054 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:112 Resp: 1315405

Ion Ratio Lower Upper

112 100

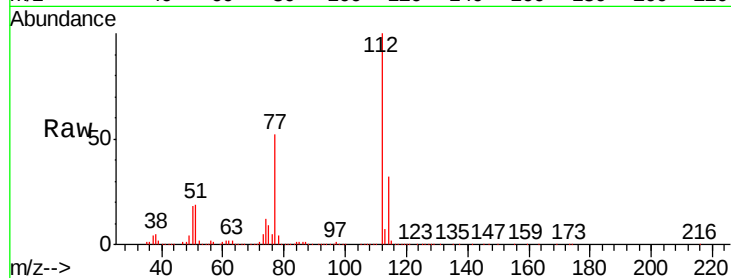
114 31.7 27.8 41.8

Manual Integrations

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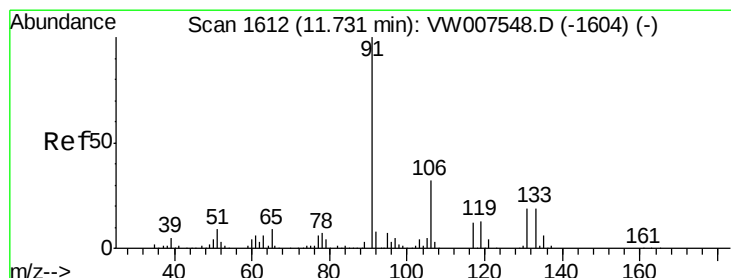
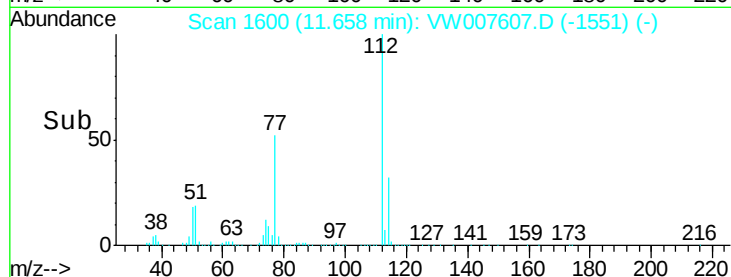
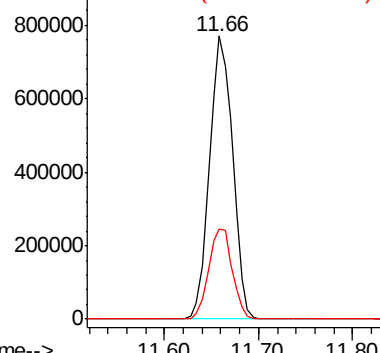
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 60.351 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

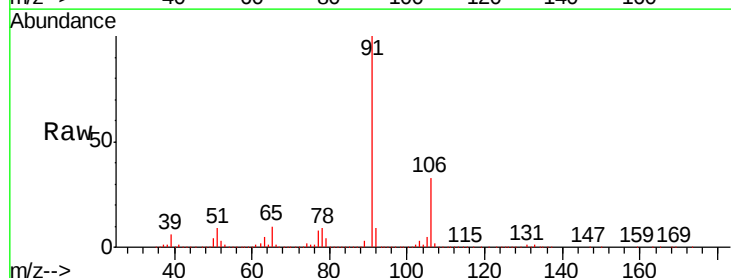
Tgt Ion:131 Resp: 20710

Ion Ratio Lower Upper

131 100

133 95.7 47.1 141.4

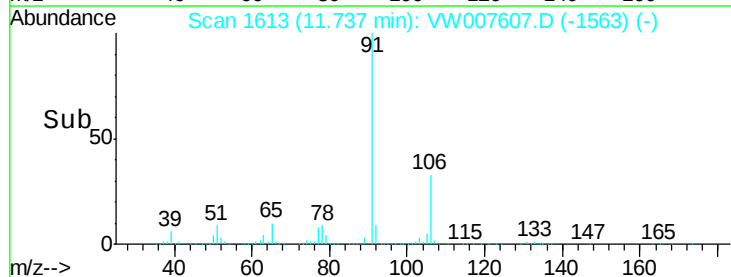
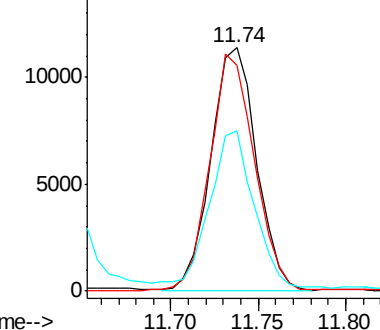
119 62.5 31.3 93.9

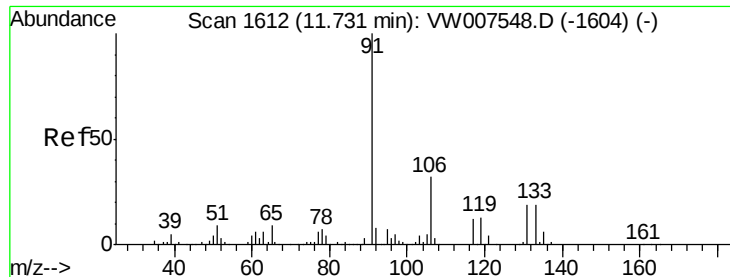


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





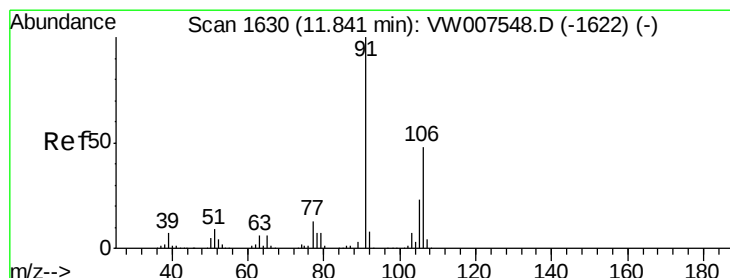
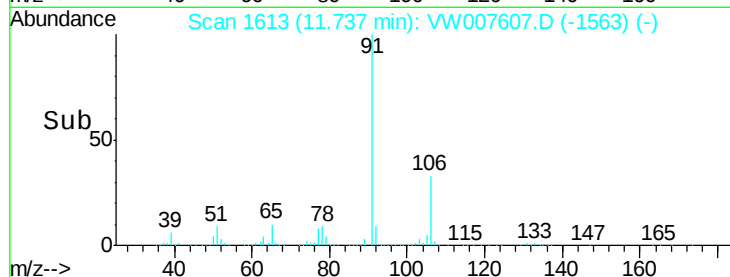
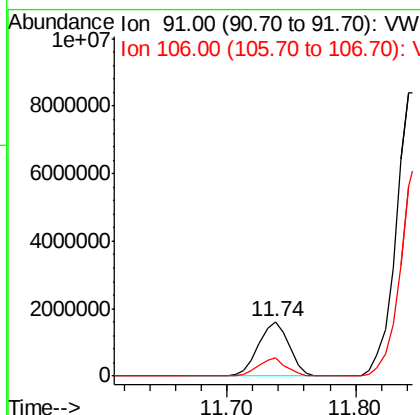
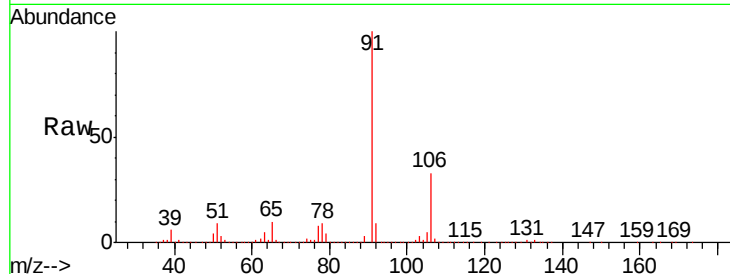
#67
Ethyl Benzene
Concen: 1585.727 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion: 91 Resp: 2656335
Ion Ratio Lower Upper
91 100
106 32.8 21.8 32.8#

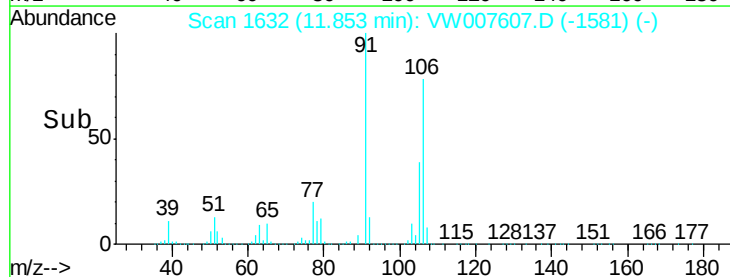
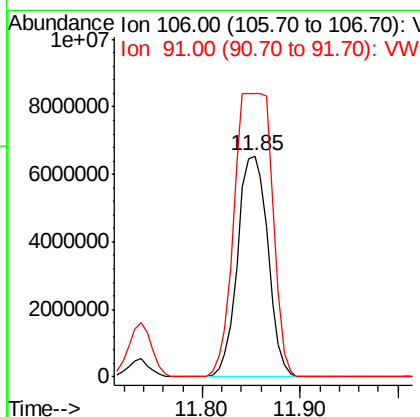
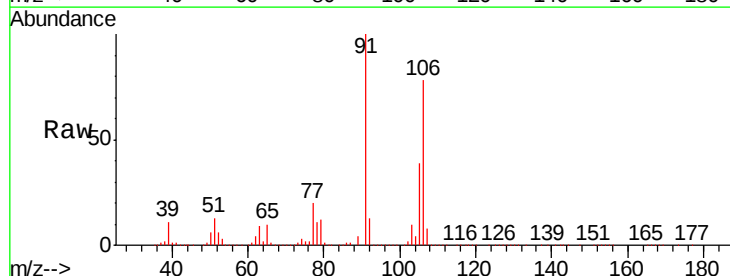
Manual Integrations
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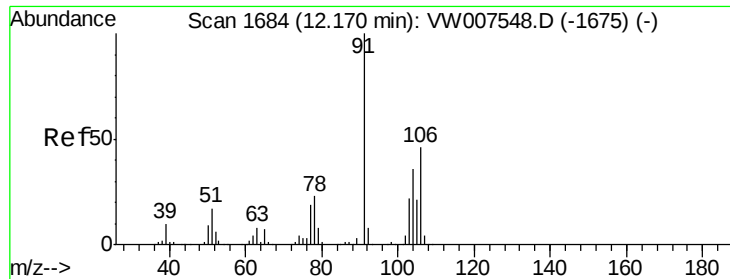
apatel
12/17/2018 4:40:50 PM



#68
m/p-Xylenes
Concen: 21553.097 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 106 Resp: 14035949
Ion Ratio Lower Upper
106 100
91 162.1 165.3 247.9#





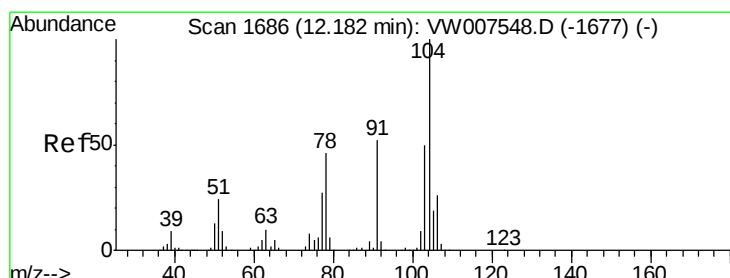
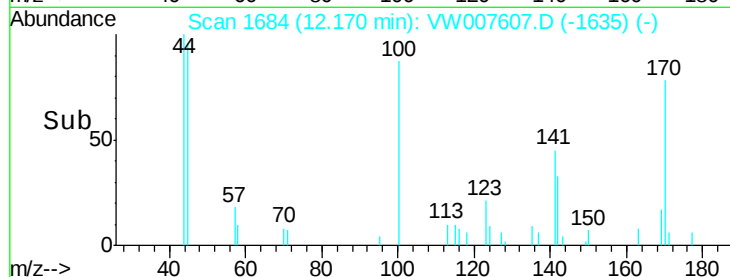
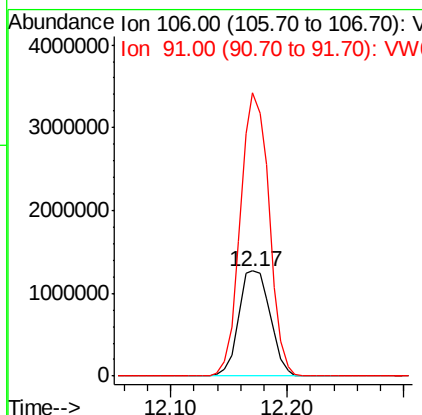
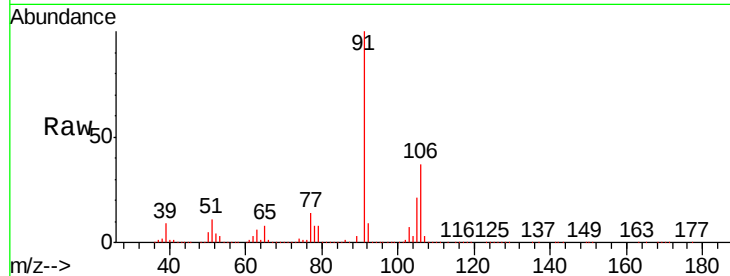
#69
o-Xylene
Concen: 3949.355 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion:106 Resp: 2402008
Ion Ratio Lower Upper
106 100
91 245.7 106.6 319.8

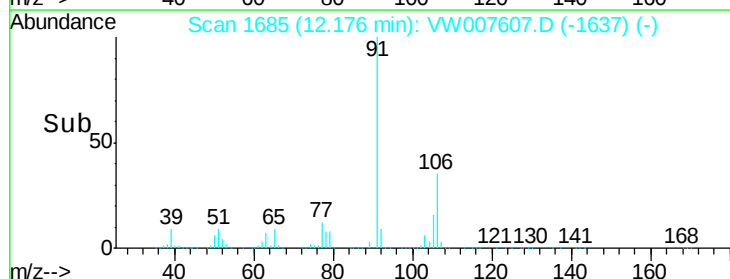
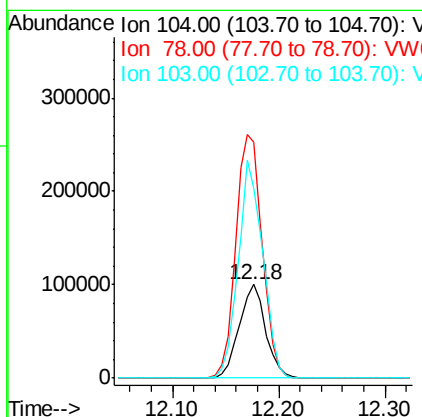
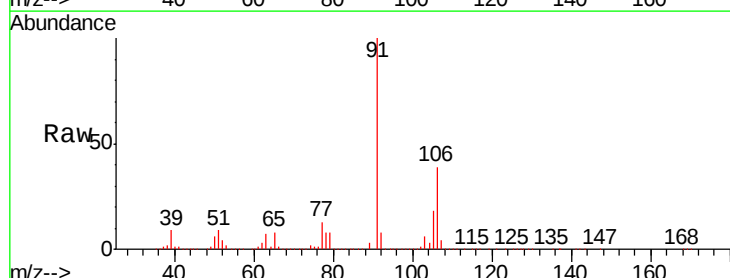
Manual Integrations
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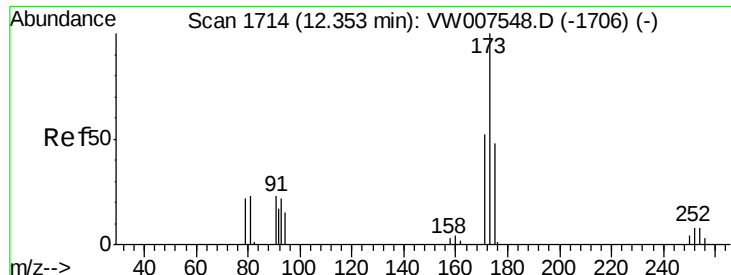
apatel
12/17/2018 4:40:50 PM



#70
Styrene
Concen: 177.093 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion:104 Resp: 173972
Ion Ratio Lower Upper
104 100
78 260.4 41.8 62.8#
103 218.9 46.6 69.8#





#71

Bromoform

Concen: 66.902 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

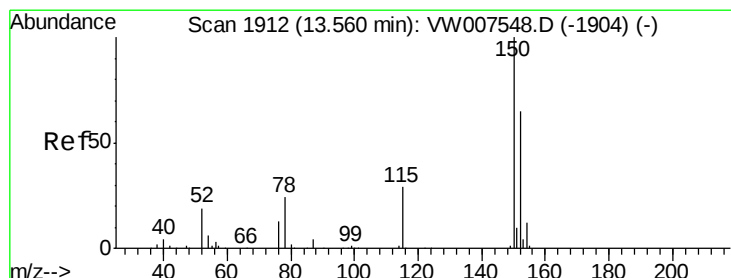
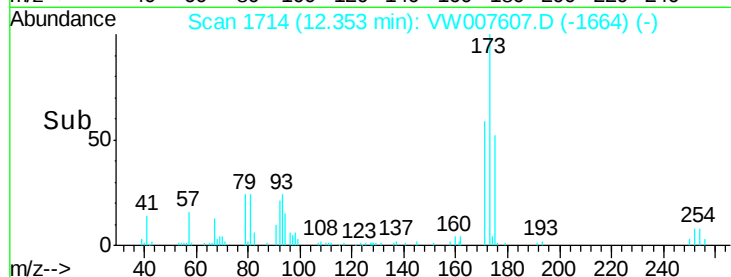
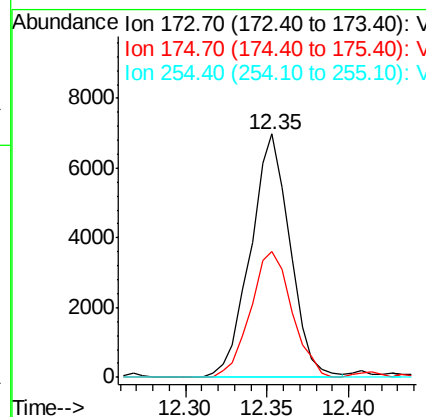
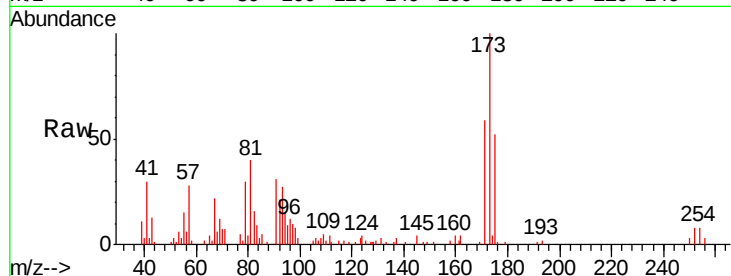
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	173	Resp:	11751
Ion Ratio	Lower	Upper	
173	100		
175	54.4	23.6	70.8
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

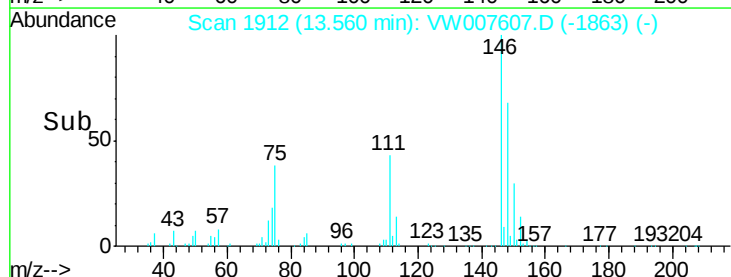
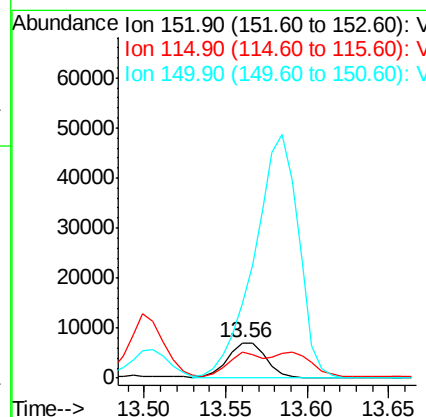
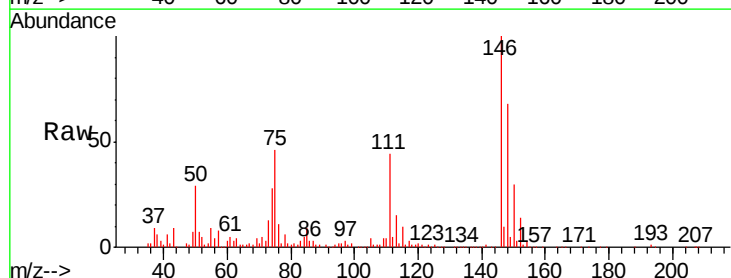
RT: 13.56 min Scan# 1912

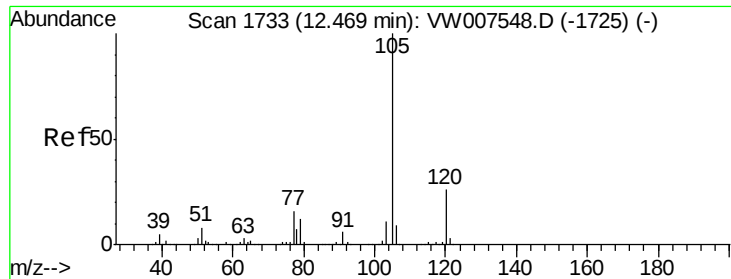
Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion:	152	Resp:	11347
Ion Ratio	Lower	Upper	
152	100		
115	58.4	31.4	94.2
150	0.0	0.0	358.4





#73

Isopropylbenzene

Concen: 197.182 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 105 Resp: 171440

Ion Ratio Lower Upper

105 100

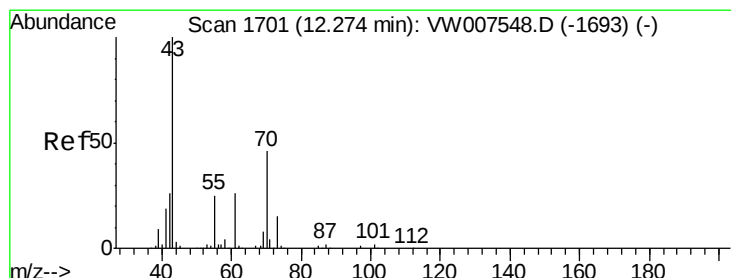
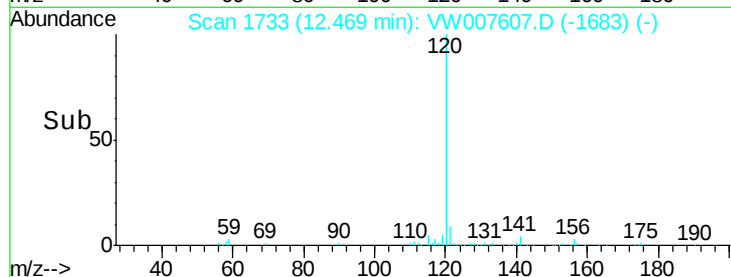
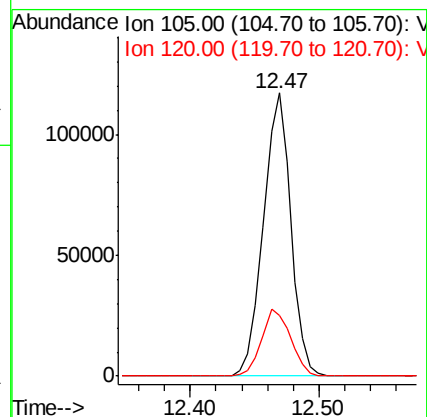
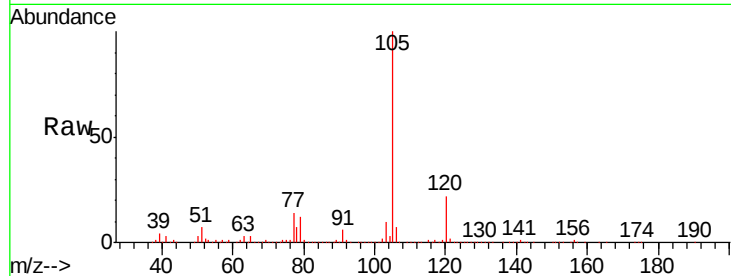
120 25.2 12.8 38.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 124.982 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion: 43 Resp: 19749

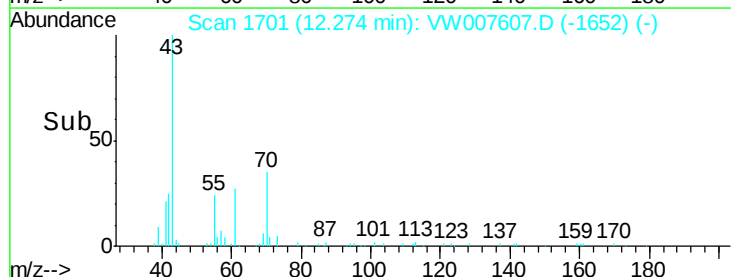
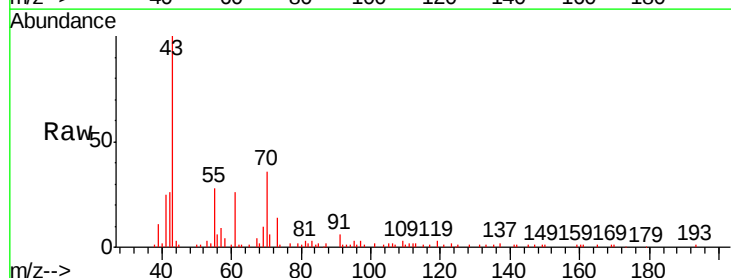
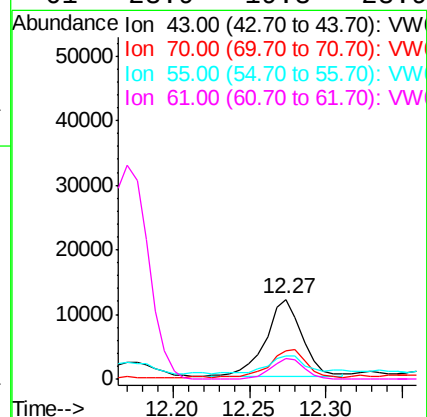
Ion Ratio Lower Upper

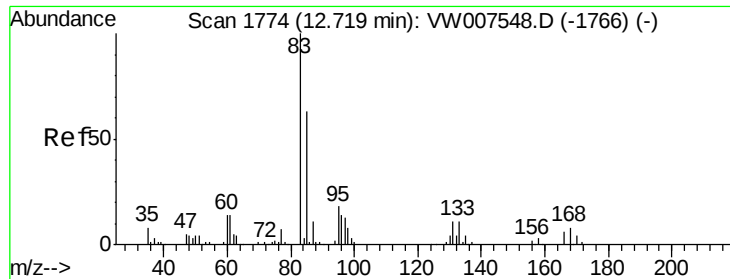
43 100

70 35.3 36.5 54.7#

55 24.9 20.1 30.1

61 23.9 19.3 28.9





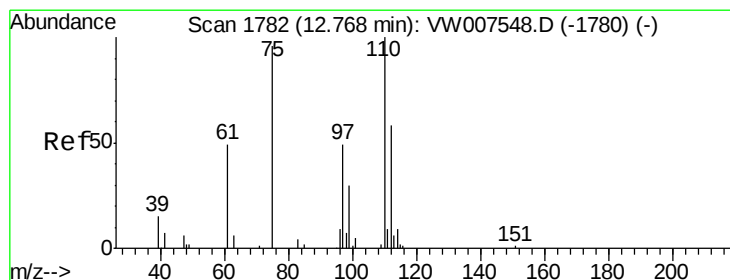
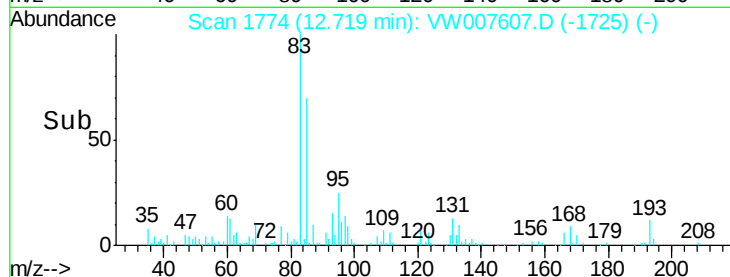
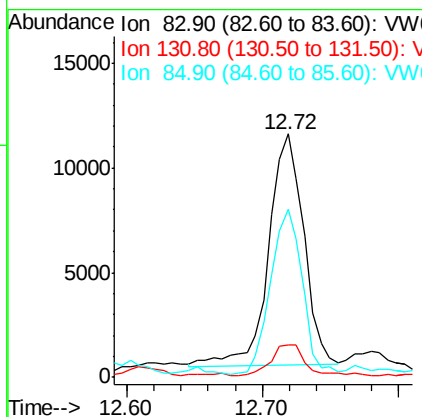
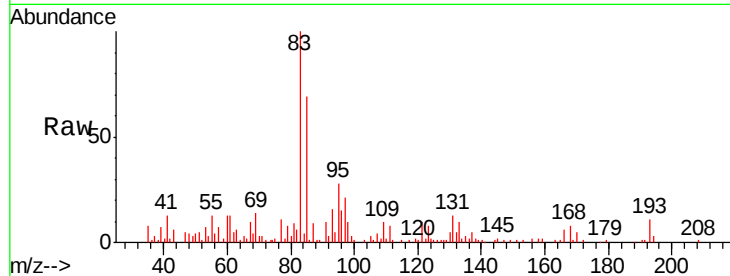
#75
 1,1,2,2-Tetrachloroethane
 Concen: 155.992 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	20088		
131	13.6	5.9	17.8	
85	63.7	30.0	90.0	

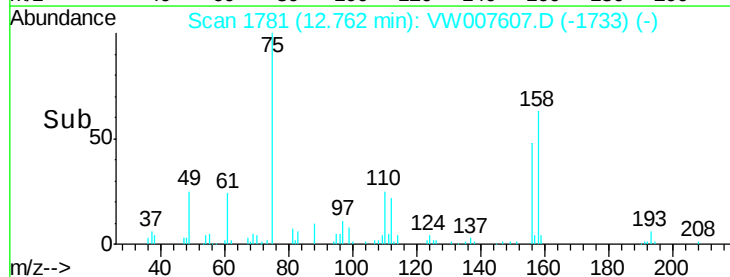
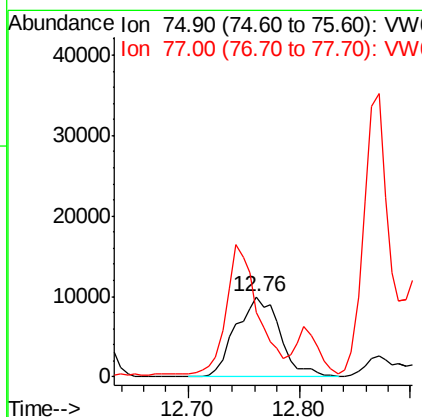
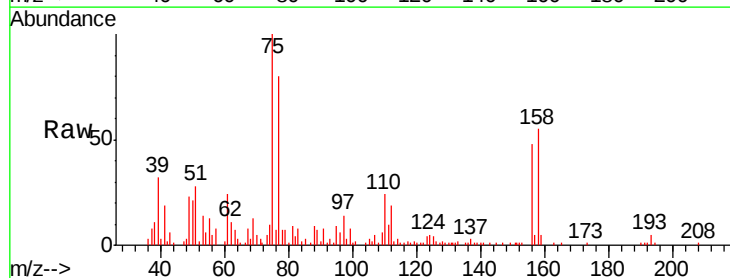
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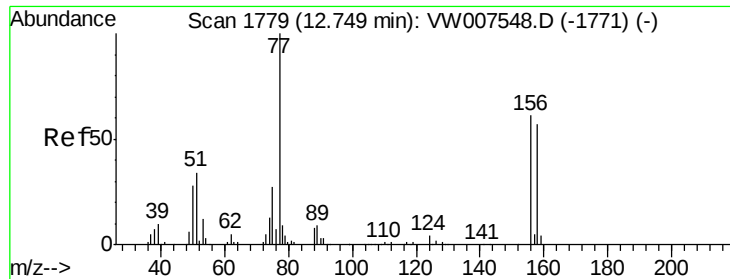
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 292.937 ug/l
 RT: 12.76 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27407		
77	114.4	166.9	500.8	





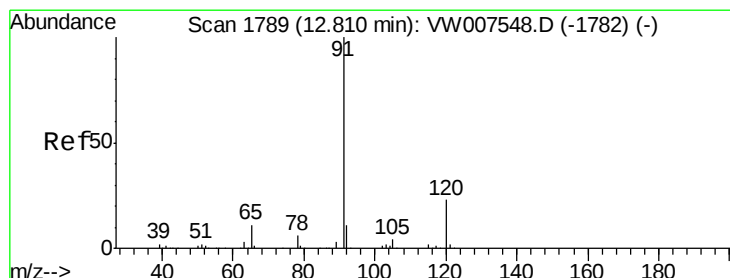
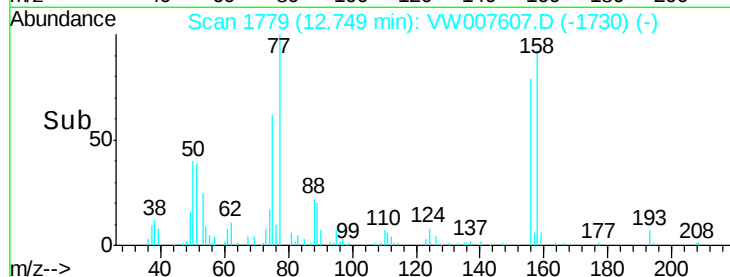
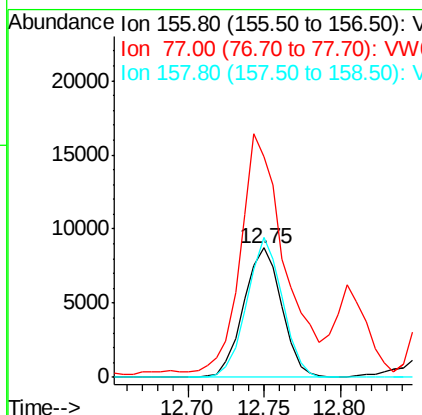
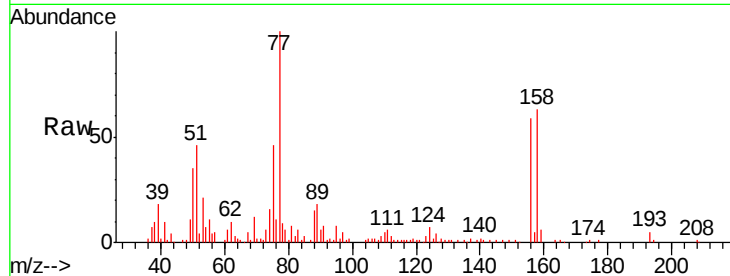
#77
Bromobenzene
Concen: 78.304 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
156	100		
77	207.7	88.1	264.4
158	100.7	45.6	136.7

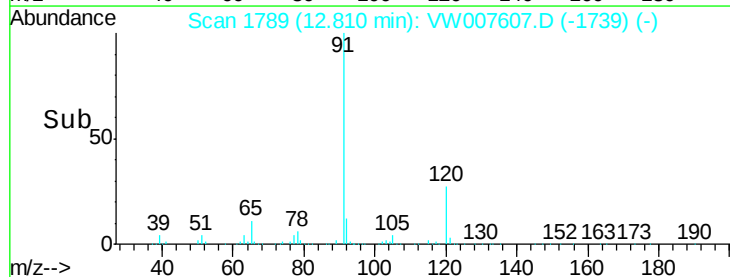
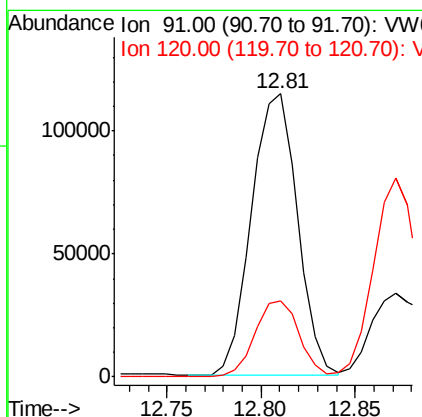
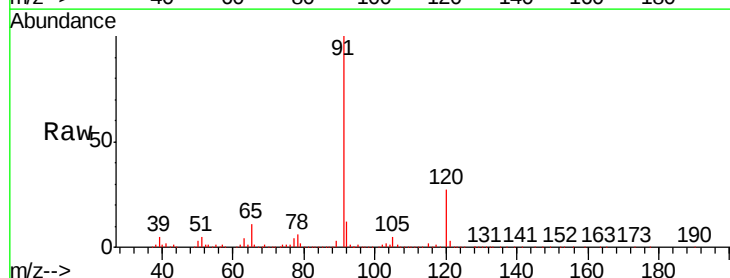
Manual Integrations
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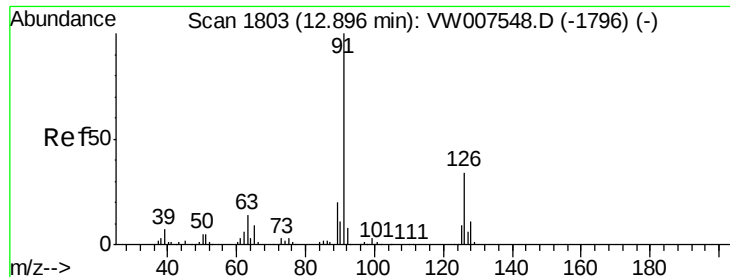
apatel
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#78
n-propylbenzene
Concen: 197.517 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.8	11.9	35.5





#79

2-Chlorotoluene

Concen: 82.812 ug/l m

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 91 Resp: 49030

Ion Ratio Lower Upper

91 100

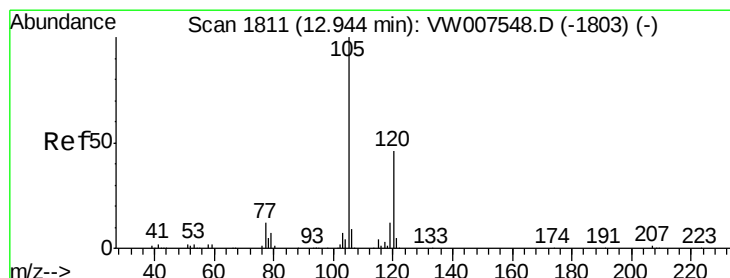
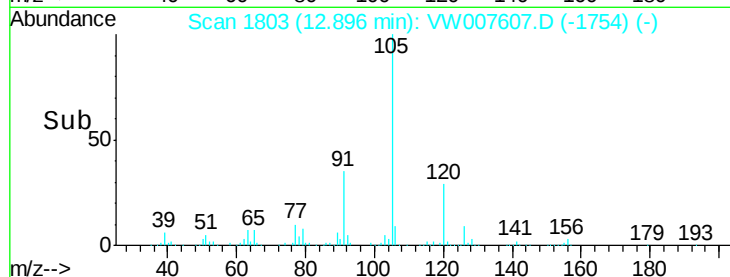
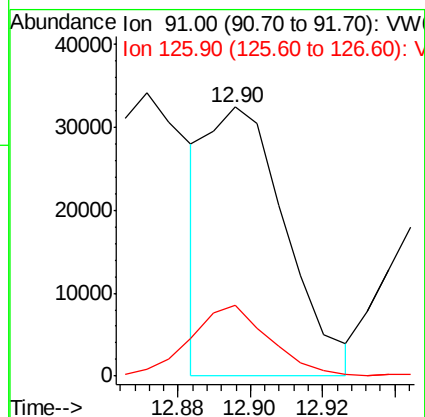
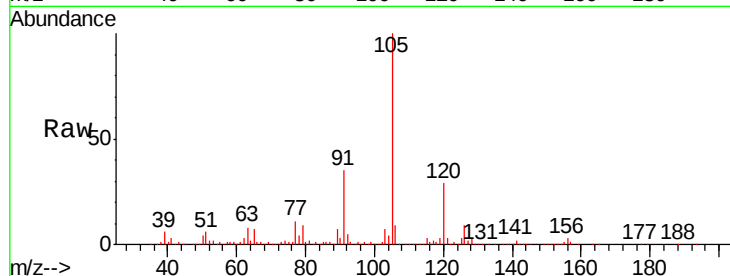
126 27.1 15.9 47.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 327.646 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007607.D

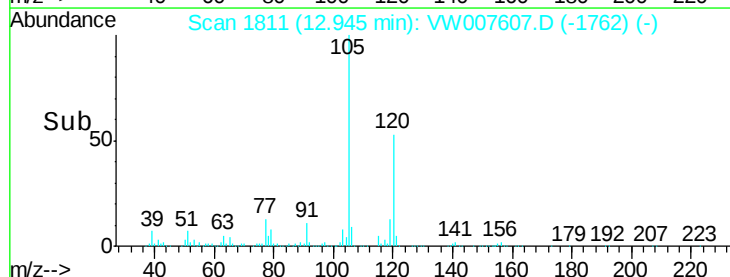
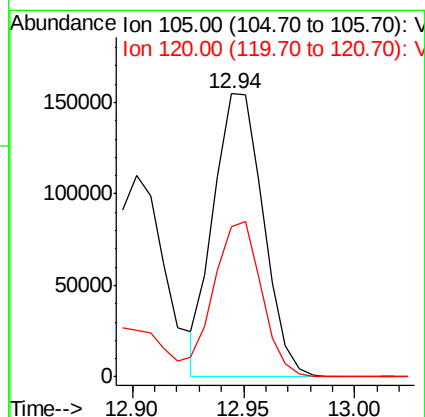
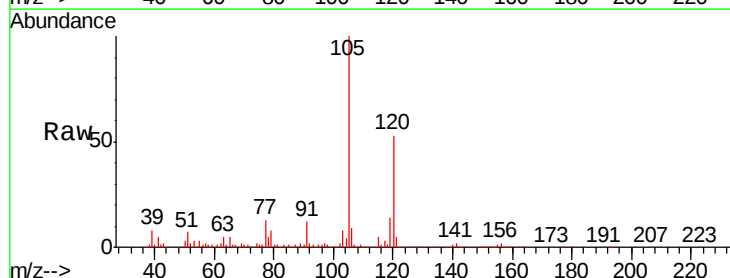
Acq: 16 Dec 2018 03:49

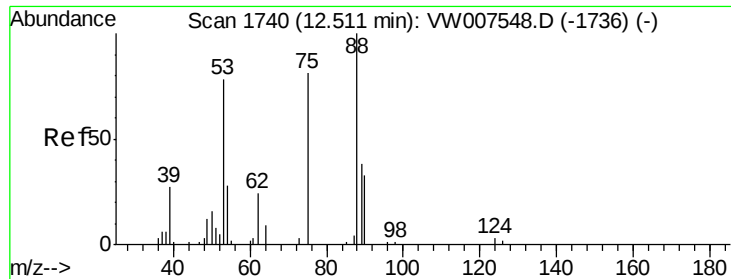
Tgt Ion: 105 Resp: 239363

Ion Ratio Lower Upper

105 100

120 53.4 23.8 71.4





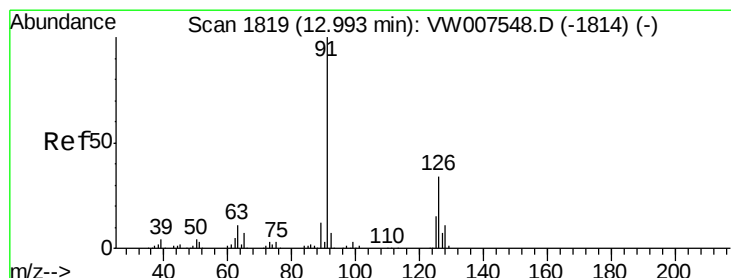
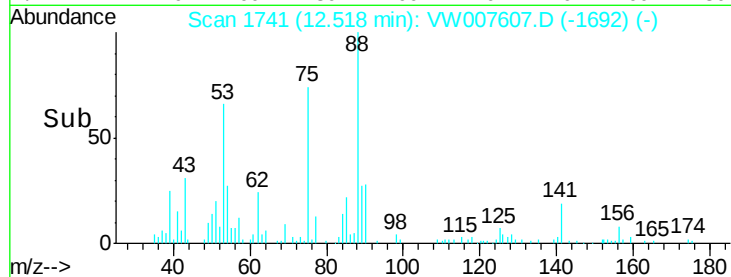
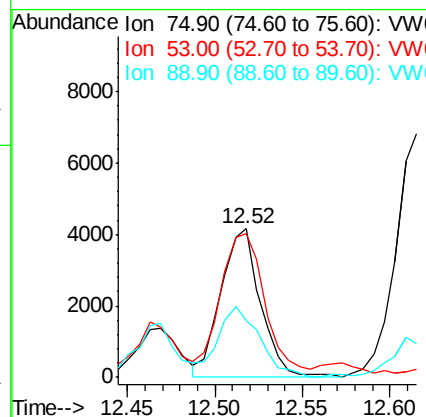
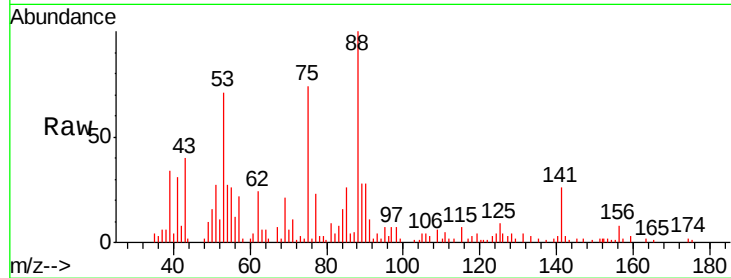
#81
trans-1,4-Dichloro-2-butene
Concen: 154.769 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	6555		
53	97.4	84.9	127.3	
89	50.3	40.3	60.5	

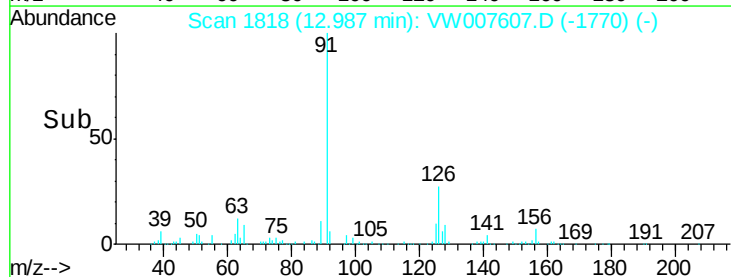
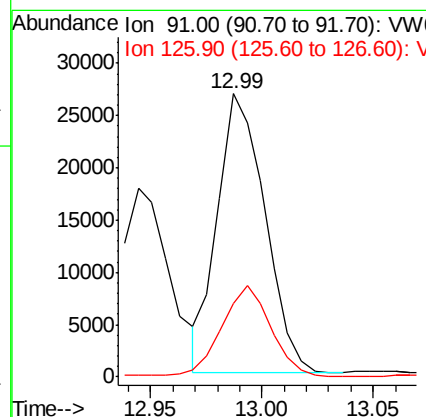
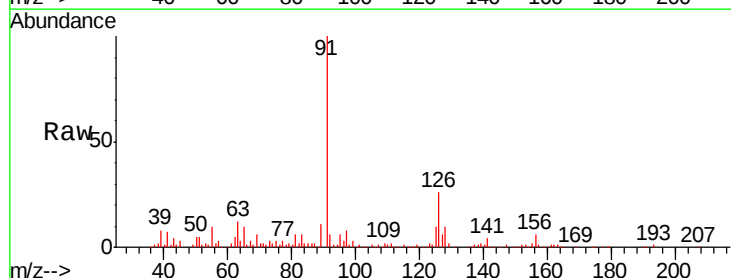
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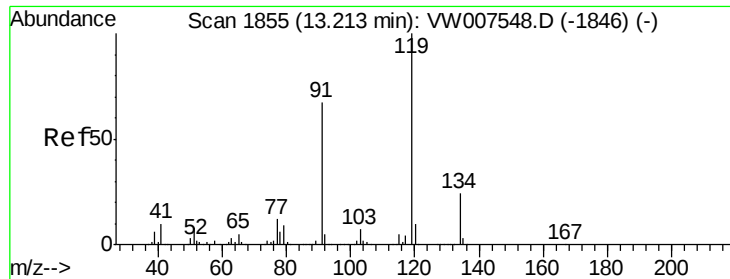
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#82
4-Chlorotoluene
Concen: 63.587 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	39684		
126	33.5	16.0	48.0	





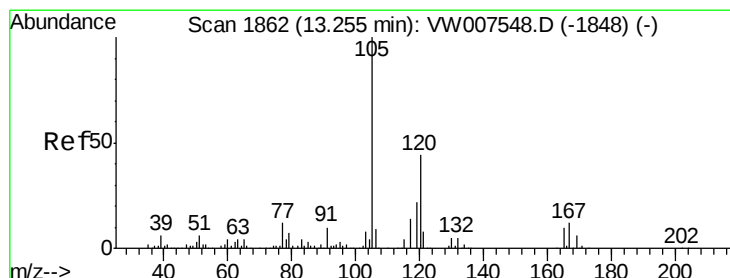
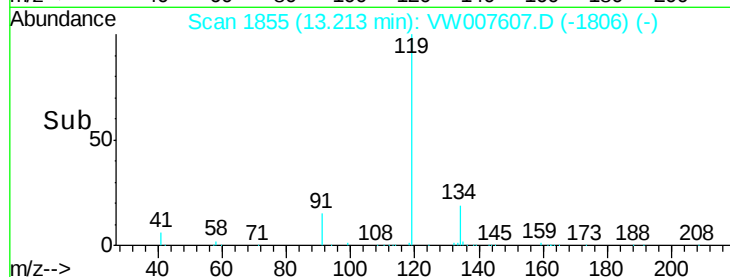
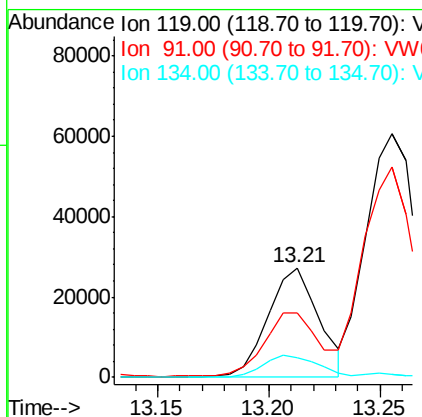
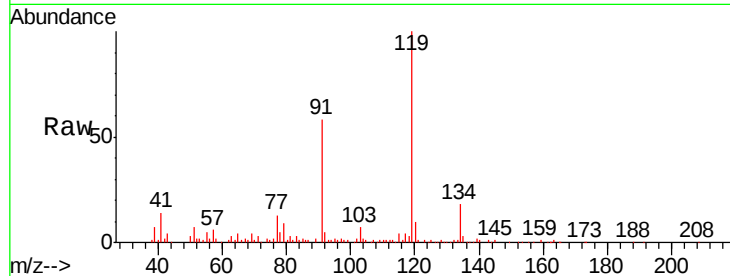
#83
 tert-Butylbenzene
 Concen: 66.635 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.2	33.1	99.2
134	21.2	12.5	37.5

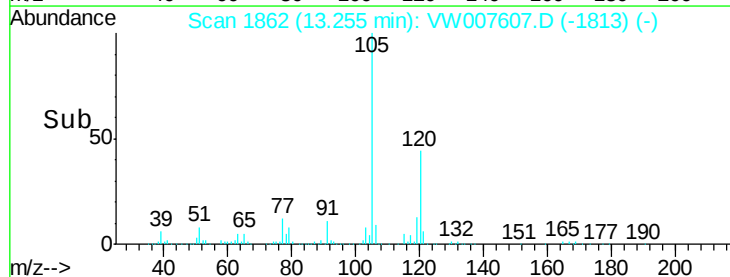
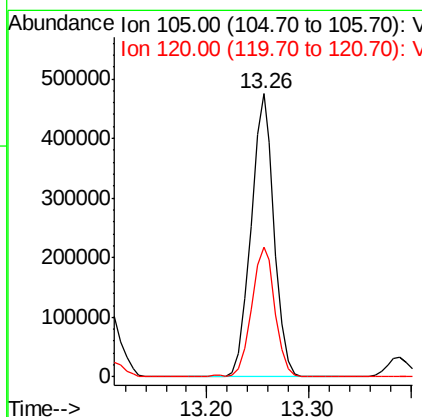
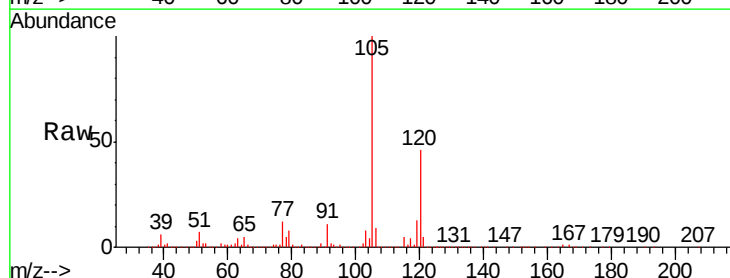
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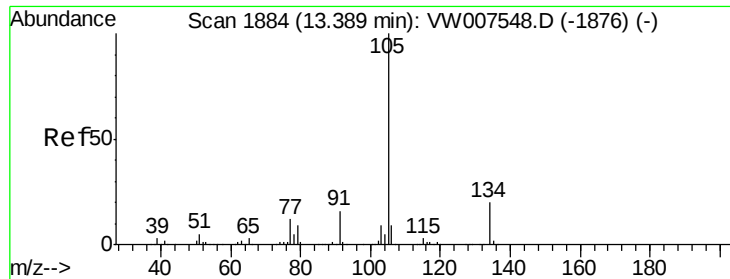
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#84
 1,2,4-Trimethylbenzene
 Concen: 989.150 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.6	67.7





#85

sec-Butylbenzene

Concen: 58.706 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:105 Resp: 51588

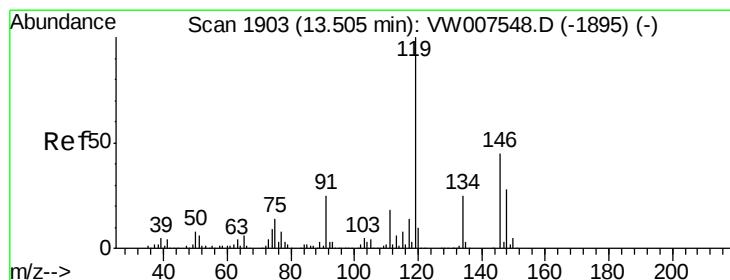
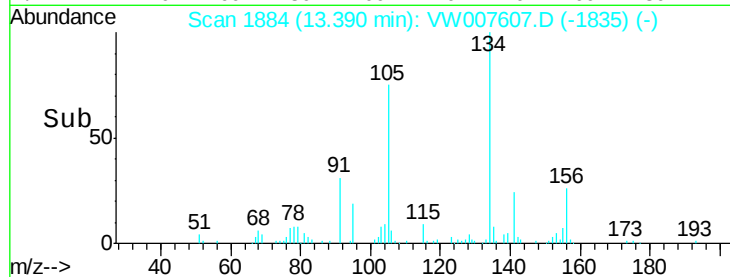
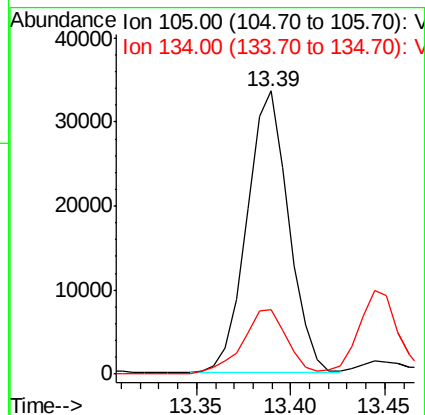
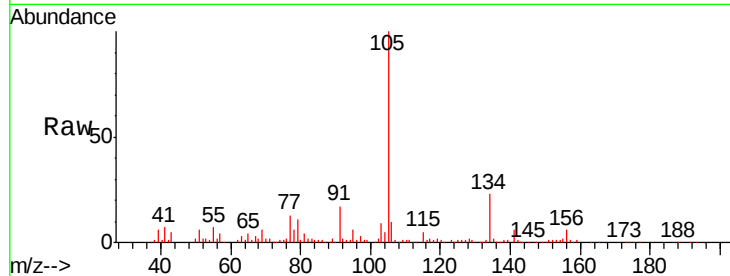
Ion Ratio Lower Upper

105 100

134 24.4 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 270.890 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

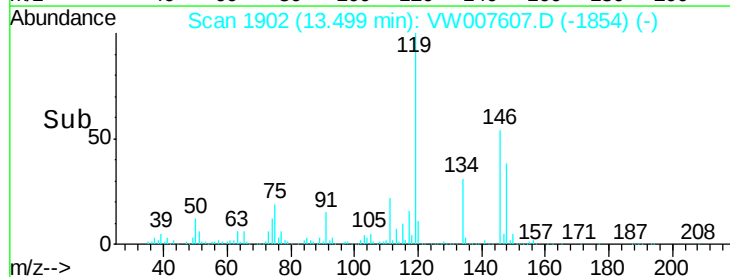
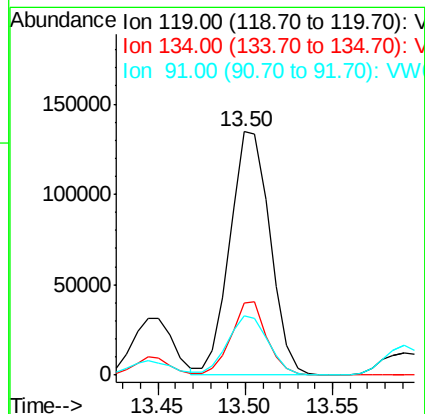
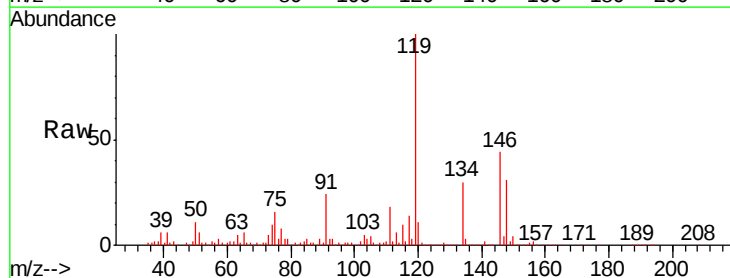
Tgt Ion:119 Resp: 213854

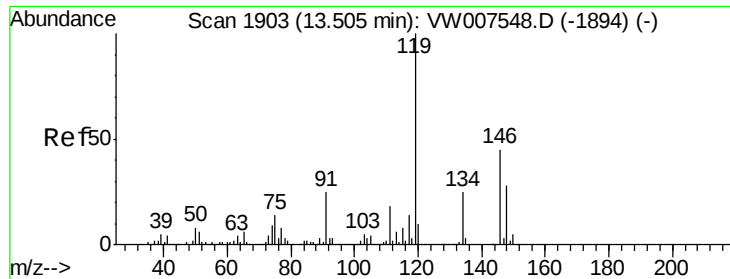
Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.7

91 24.2 11.9 35.9





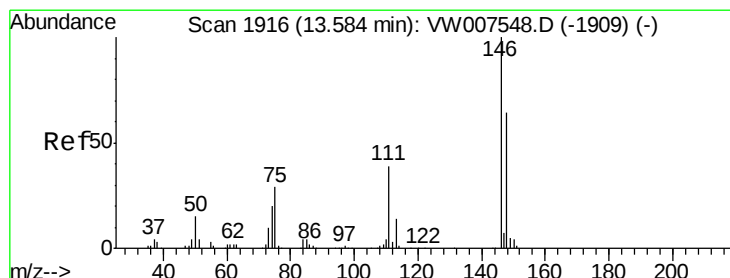
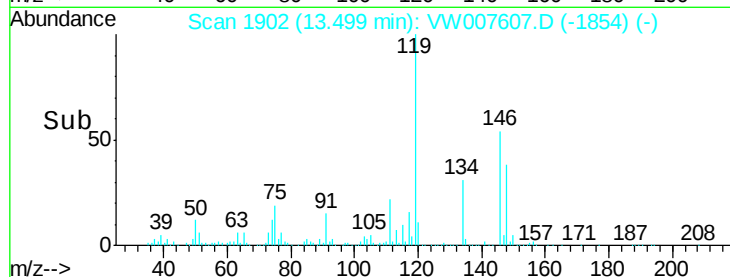
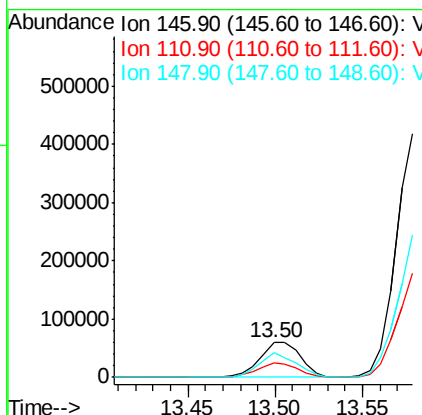
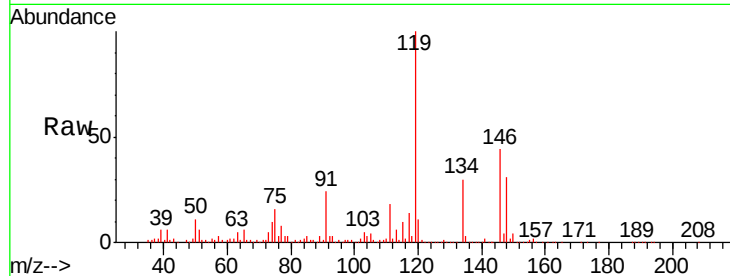
#87
 1,3-Dichlorobenzene
 Concen: 256.390 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	98518		
111	39.5	20.1	60.3	
148	62.8	31.4	94.0	

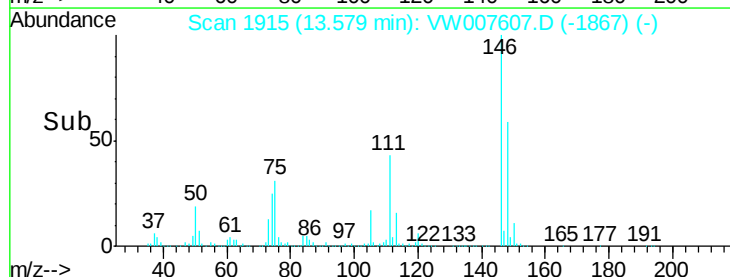
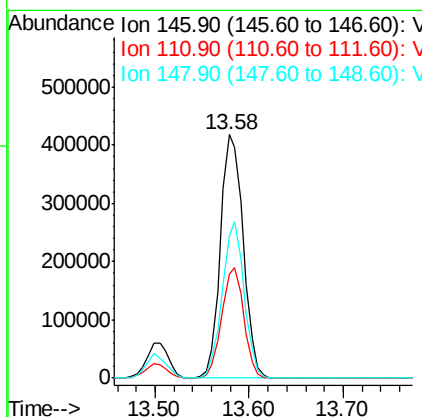
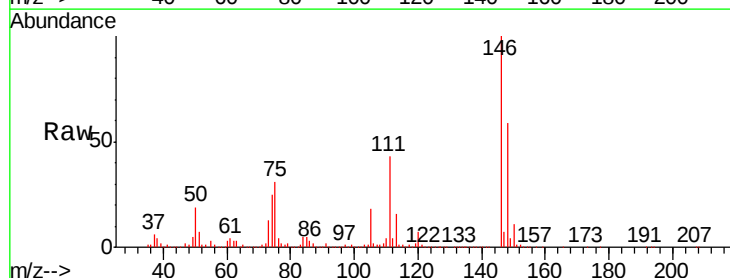
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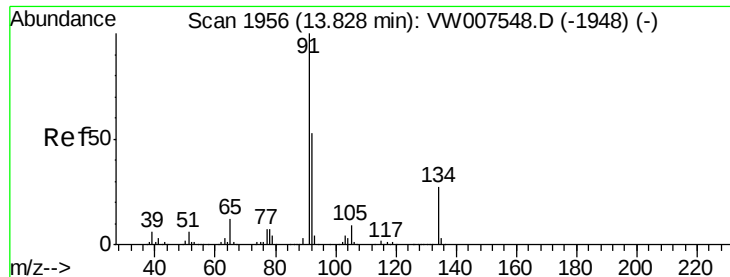
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#88
 1,4-Dichlorobenzene
 Concen: 1803.904 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	696847		
111	43.9	20.3	61.0	
148	62.2	33.5	100.5	





#89

n-Butylbenzene

Concen: 72.498 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 91 Resp: 53058

Ion Ratio Lower Upper

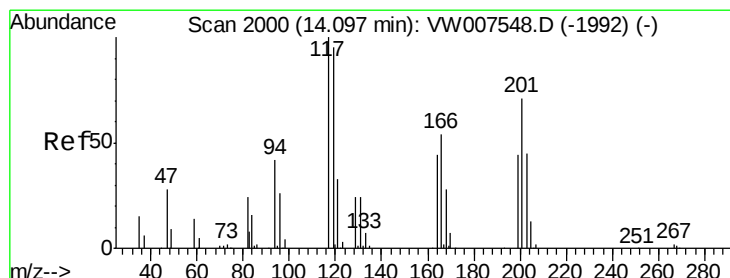
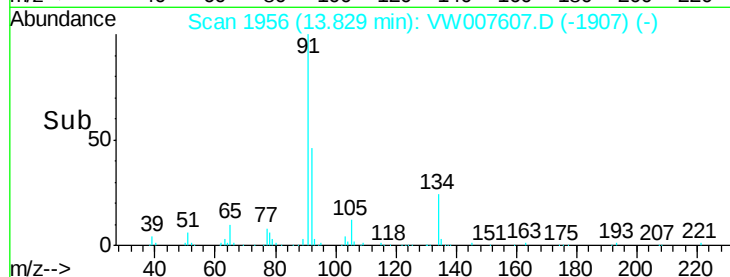
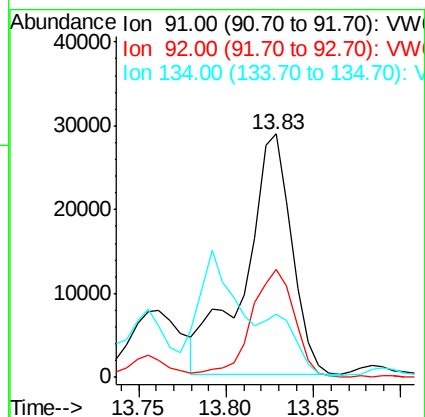
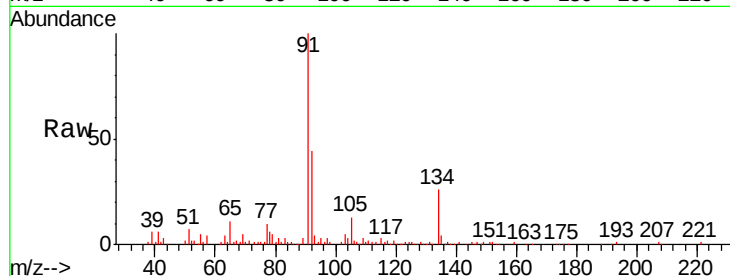
91 100

92 41.2 25.7 77.1

134 0.0 13.4 40.2#

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#90

Hexachloroethane

Concen: 85.074 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007607.D

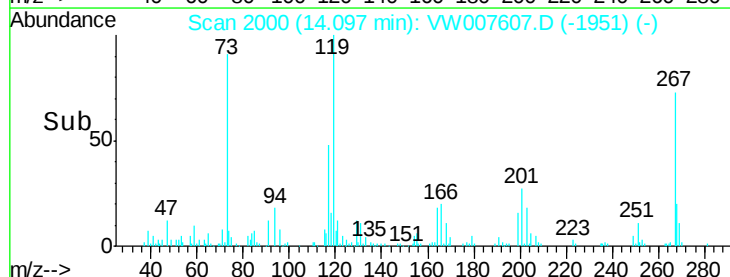
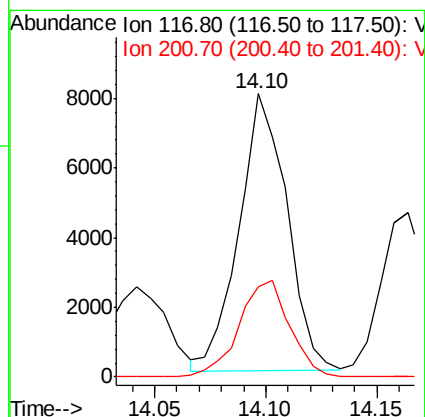
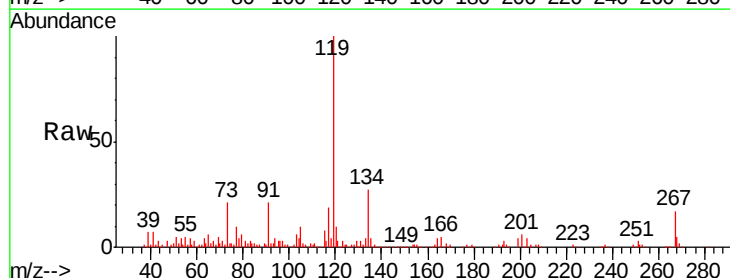
Acq: 16 Dec 2018 03:49

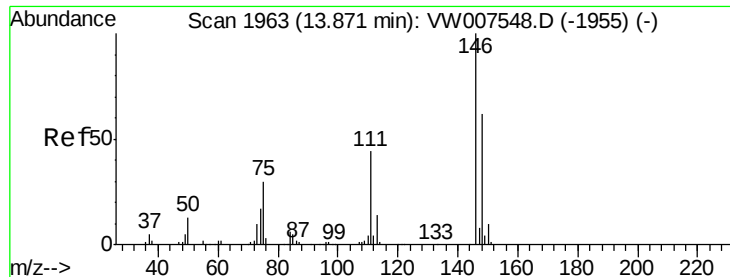
Tgt Ion: 117 Resp: 11950

Ion Ratio Lower Upper

117 100

201 36.6 35.3 105.9





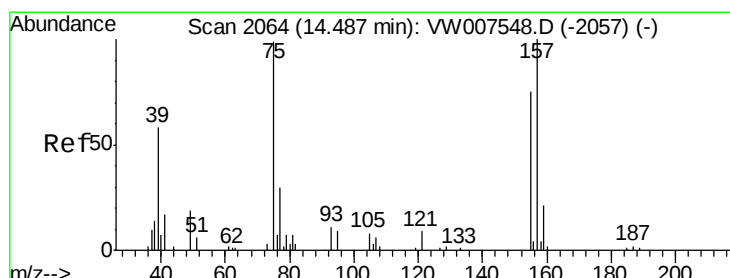
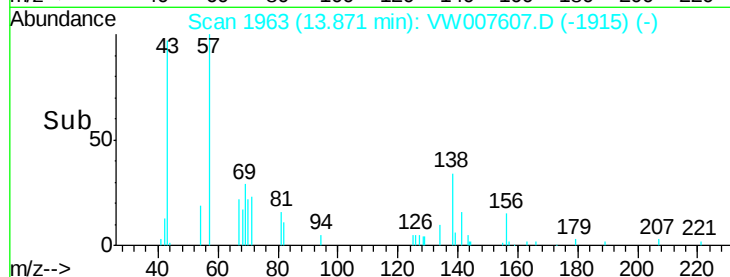
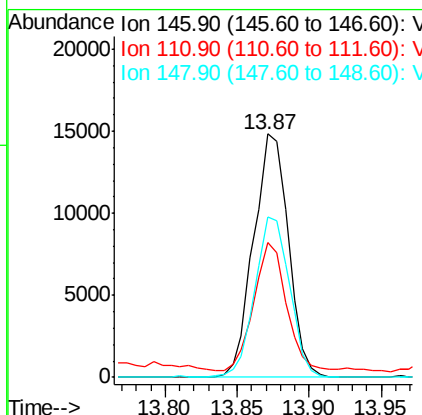
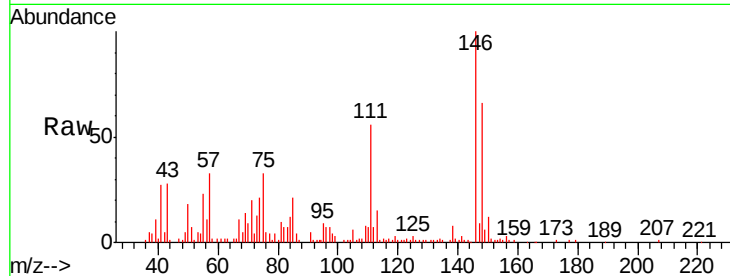
#91
 1,2-Dichlorobenzene
 Concen: 72.048 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.9	22.4	67.2
148	65.8	32.4	97.2

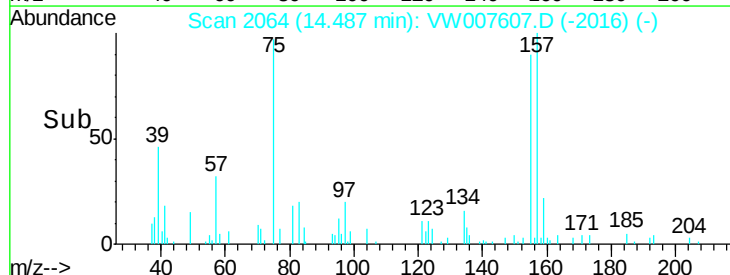
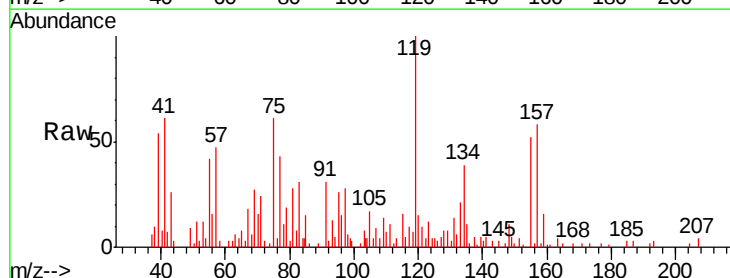
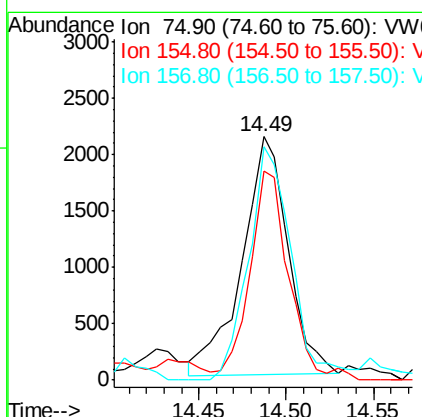
Manual Integrations
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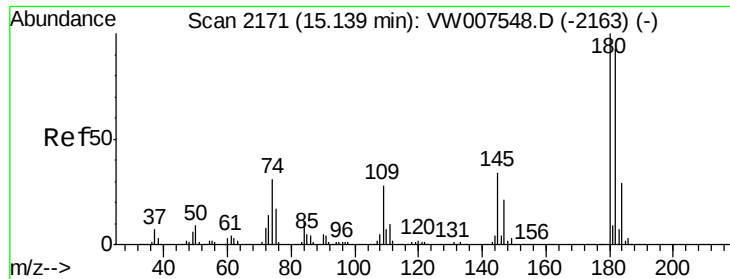
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 12/17/2018 4:40:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 149.249 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	40.8	122.2
157	91.5	51.1	153.4





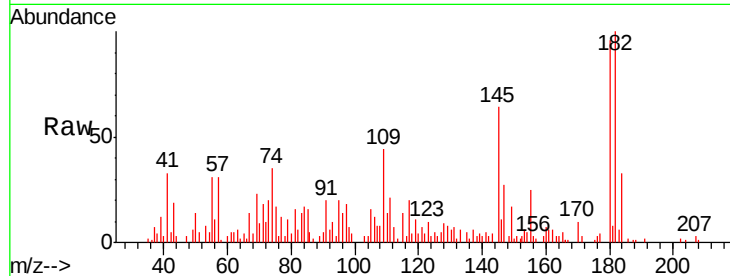
#93
1,2,4-Trichlorobenzene
Concen: 28.394 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

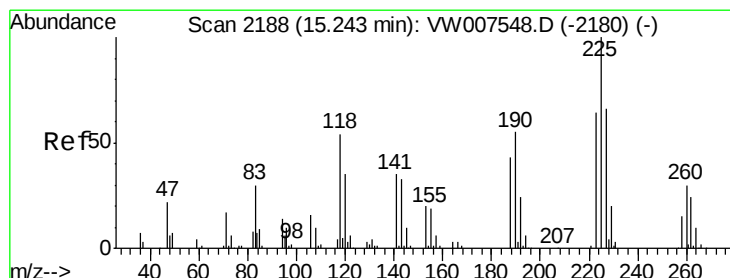
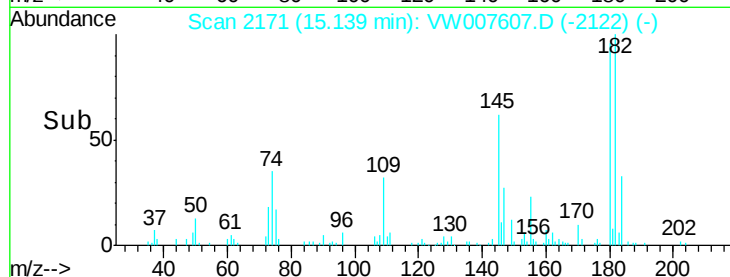
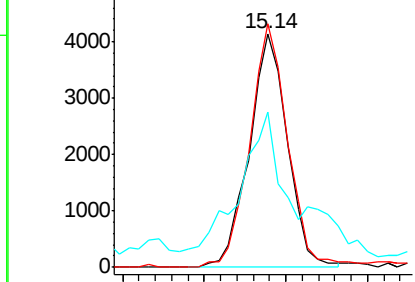
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	6725		
182	104.6	49.9	149.6	
145	63.6	17.8	53.4	

Manual Integrations
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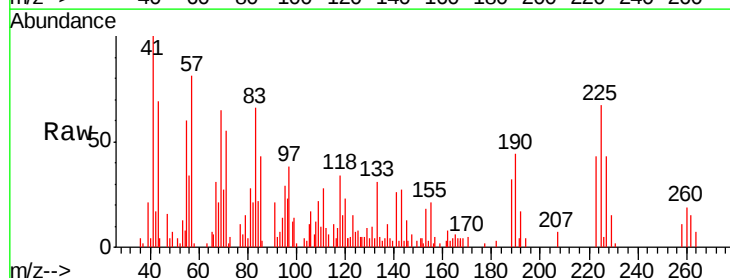


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

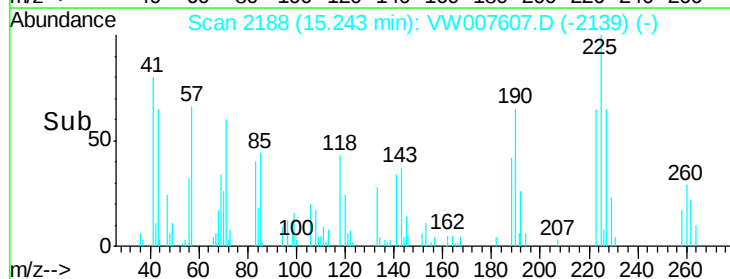
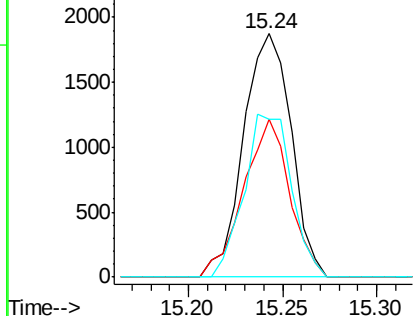


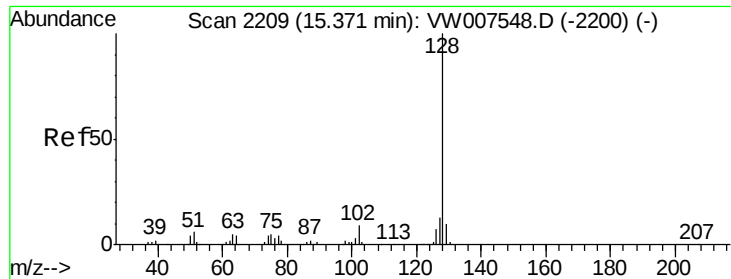
#94
Hexachlorobutadiene
Concen: 26.172 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	3289		
223	62.9	32.1	96.3	
227	66.3	31.9	95.9	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





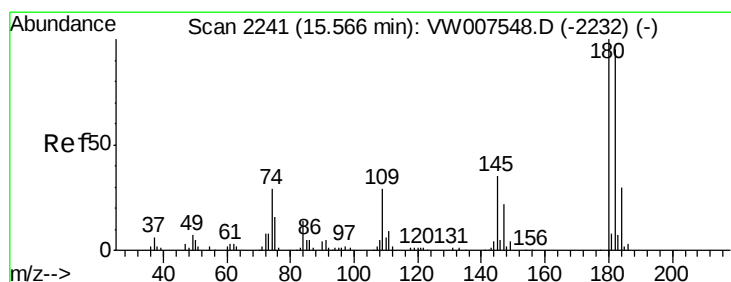
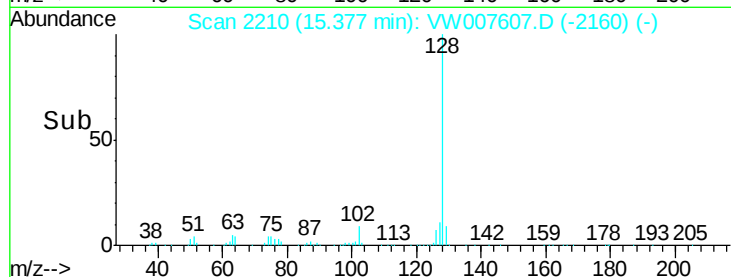
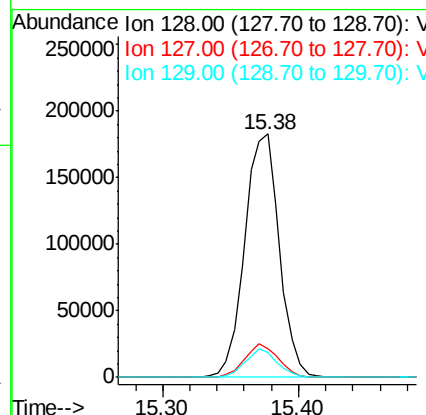
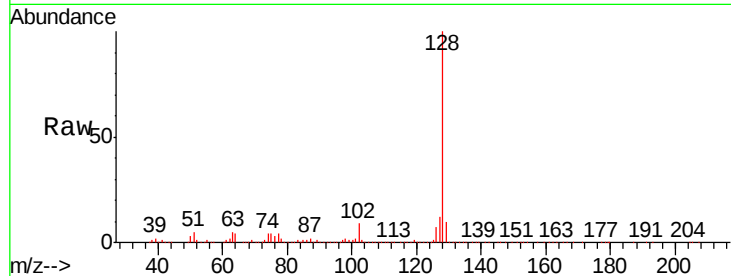
#95
Naphthalene
Concen: 713.019 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	323065		
127	13.3	10.2	15.4	
129	10.8	8.3	12.5	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 29.882 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	6148		
182	92.2	45.6	136.7	
145	93.0	17.5	52.5	

