

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007563.D
 Acq On : 15 Dec 2018 05:23
 Operator : SY/AP
 Sample : J6391-02MS
 Misc : 4.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Manual Integrations
 APPROVED

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 12/17/2018 1:45:35 PM

Quant Time: Dec 15 06:05:40 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	38550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	66687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	29593	69.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.38%	
35) Dibromofluoromethane	7.88	113	24009	59.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.94%	
50) Toluene-d8	10.32	98	65079	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
62) 4-Bromofluorobenzene	12.62	95	15041	27.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14228	52.816	ug/l	94
3) Chloromethane	2.21	50	12279	54.424	ug/l	99
4) Vinyl Chloride	2.37	62	14079	53.175	ug/l	96
5) Bromomethane	2.78	94	10438	58.676	ug/l	85
6) Chloroethane	2.93	64	8678	59.542	ug/l	99
7) Trichlorofluoromethane	3.26	101	13780	57.890	ug/l	97
8) Diethyl Ether	3.68	74	15894	85.311	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15499	39.461	ug/l	97
10) Methyl Iodide	4.26	142	34022	52.301	ug/l	98
11) Tert butyl alcohol	5.17	59	11724	399.147	ug/l	99
12) 1,1-Dichloroethene	4.03	96	19808	52.379	ug/l	96
13) Acrolein	3.89	56	440	22.639	ug/l #	78
14) Allyl chloride	4.67	41	33081	59.346	ug/l	99
15) Acrylonitrile	5.36	53	23881	304.065	ug/l	99
16) Acetone	4.12	43	29614	396.422	ug/l	98
17) Carbon Disulfide	4.37	76	53547	46.700	ug/l	99
18) Methyl Acetate	4.67	43	40408	199.297	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	51975	91.107	ug/l	100
20) Methylene Chloride	4.91	84	29785	74.858	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	23302	55.083	ug/l	96
22) Diisopropyl ether	6.31	45	80366	75.007	ug/l	98
23) Vinyl Acetate	6.31	43	43414	72.442	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	45758	63.189	ug/l	98
25) 2-Butanone	7.17	43	34106	349.714	ug/l	100
26) 2,2-Dichloropropane	7.17	77	26771	55.860	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	27240	58.808	ug/l	98
28) Bromochloromethane	7.51	49	18140	66.597	ug/l	99
29) Tetrahydrofuran	7.53	42	26209	424.506	ug/l	96
30) Chloroform	7.68	83	49060	62.255	ug/l	99
31) Cyclohexane	7.95	56	15950	24.007	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	35835	51.855	ug/l	99
36) 1,1-Dichloropropene	8.08	75	24875	40.890	ug/l	100
37) Ethyl Acetate	7.26	43	3992	17.643	ug/l #	78
38) Carbon Tetrachloride	8.07	117	28378	42.872	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	10738	14.577	ug/l	92
40) Benzene	8.32	78	92171	54.595	ug/l	99
41) Methacrylonitrile	7.49	41	5558m	43.136	ug/l	
42) 1,2-Dichloroethane	8.40	62	38817	73.194	ug/l	98
43) Isopropyl Acetate	8.43	43	13991	31.304	ug/l #	80
44) Trichloroethene	9.09	130	20695	42.927	ug/l	98
45) 1,2-Dichloropropane	9.37	63	23459	60.046	ug/l	94
46) Dibromomethane	9.46	93	15695	70.742	ug/l	97
47) Bromodichloromethane	9.65	83	35648	61.256	ug/l	94
48) Methyl methacrylate	9.44	41	16536	72.040	ug/l	97
49) 1,4-Dioxane	9.45	88	5619	1560.889	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	82420	390.284	ug/l	98
52) Toluene	10.39	92	50064	45.823	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	32209	57.010	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	35454	54.284	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	20858	69.076	ug/l	96
56) Ethyl methacrylate	10.65	69	3775	10.401	ug/l #	72
57) 1,3-Dichloropropane	10.93	76	34198	69.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	39830	237.978	ug/l	98
59) 2-Hexanone	10.97	43	47354	336.287	ug/l	100
60) Dibromochloromethane	11.13	129	22496	59.034	ug/l	97
61) 1,2-Dibromoethane	11.24	107	19799	66.350	ug/l	94
64) Tetrachloroethene	10.87	164	11319	36.772	ug/l	93
65) Chlorobenzene	11.66	112	44243	49.590	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	20351	64.766	ug/l	97
67) Ethyl Benzene	11.73	91	69384	45.234	ug/l	91
68) m/p-Xylenes	11.84	106	50832	85.244	ug/l	100
69) o-Xylene	12.17	106	25464	45.723	ug/l	100
70) Styrene	12.18	104	41165	45.763	ug/l	98
71) Bromoform	12.35	173	11543	71.770	ug/l #	98
73) Isopropylbenzene	12.47	105	49639	58.925	ug/l	99
74) N-amyl acetate	12.27	43	1187	7.753	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.72	83	17357	139.113	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	14901m	164.382	ug/l	
77) Bromobenzene	12.75	156	14804	79.281	ug/l	84
78) n-propylbenzene	12.81	91	47412	50.010	ug/l	99
79) 2-Chlorotoluene	12.90	91	32197	56.127	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	36509	51.579	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5252	127.985	ug/l	97
82) 4-Chlorotoluene	12.99	91	33500	55.401	ug/l	97
83) tert-Butylbenzene	13.21	119	28311	45.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	37224	51.105	ug/l	99
85) sec-Butylbenzene	13.39	105	30468	35.785	ug/l	96
86) p-Isopropyltoluene	13.51	119	27746	36.275	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	17487	46.971	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	18313	48.928	ug/l	96
89) n-Butylbenzene	13.83	91	18893	26.644	ug/l	98
90) Hexachloroethane	14.10	117	4890	35.930	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	16287	48.844	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3075	122.810	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	5053	22.020	ug/l	92
94) Hexachlorobutadiene	15.24	225	2003	16.451	ug/l	94
95) Naphthalene	15.38	128	15349	34.964	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	3995	20.041	ug/l	99

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

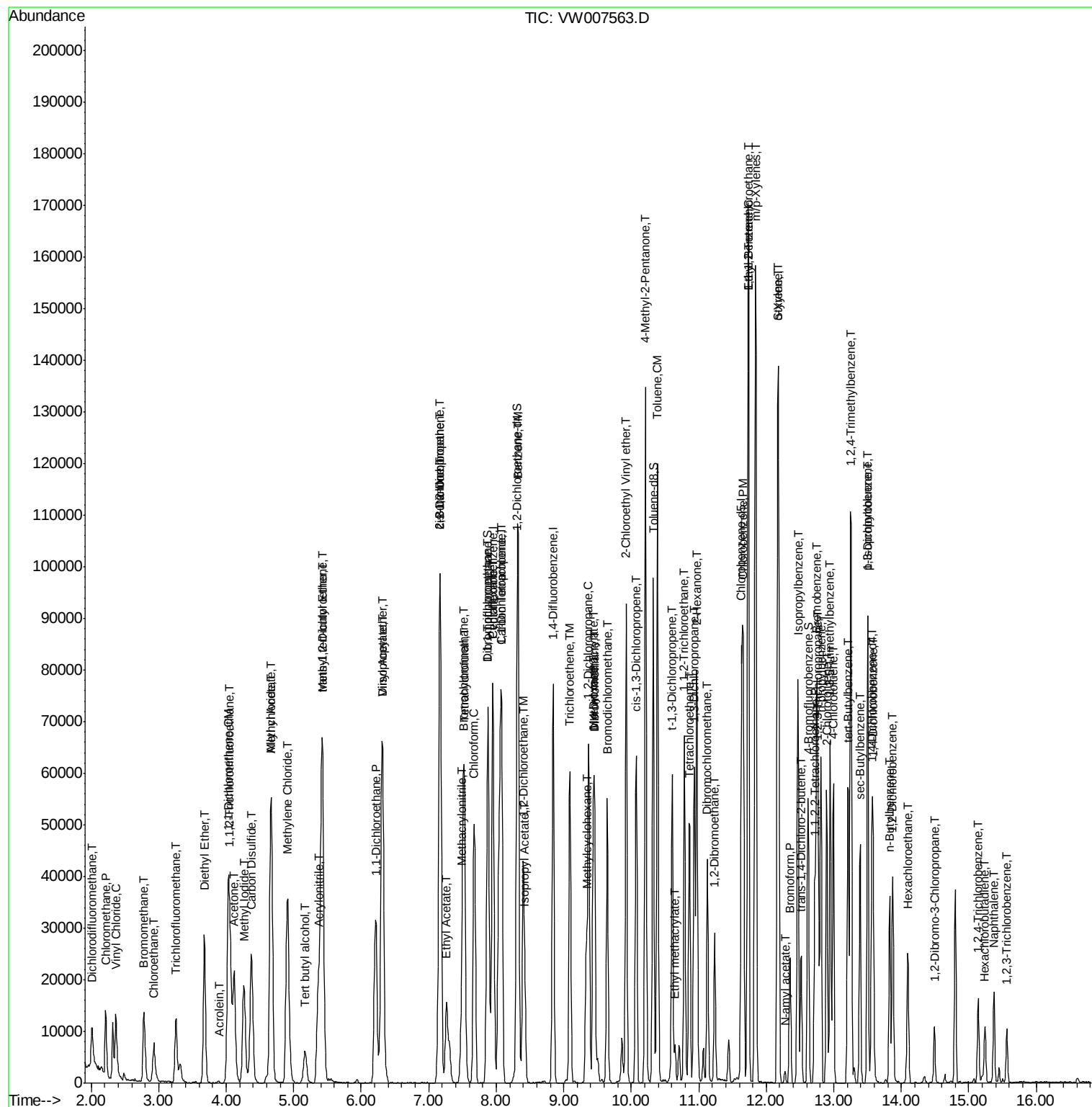
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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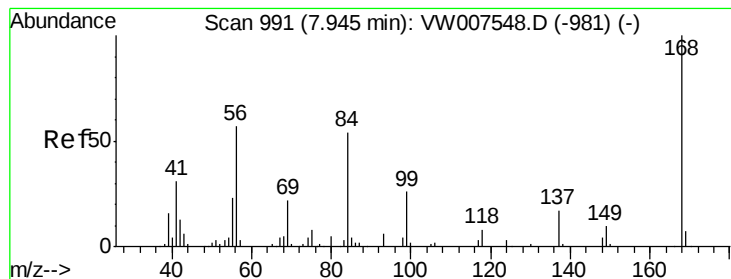
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MSVOA_W
Client Sample Id :
P001-SS015-0612-01MS

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 168 Resp: 38550

Ion Ratio Lower Upper

168 100

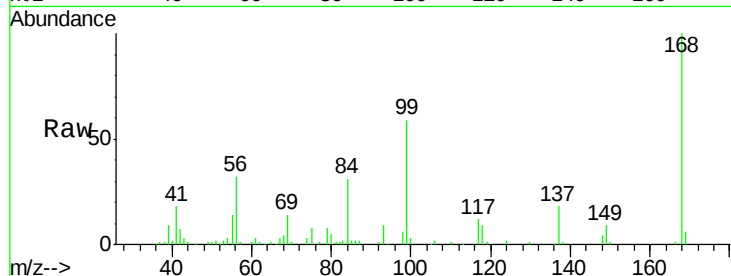
99 59.3 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

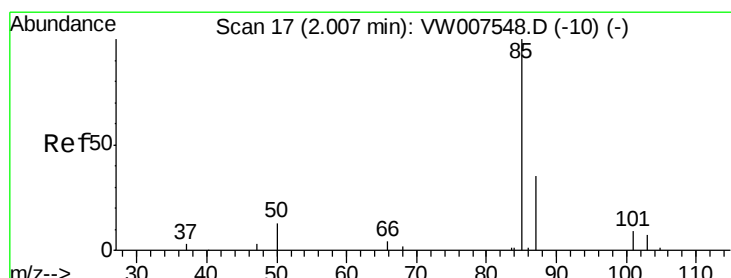
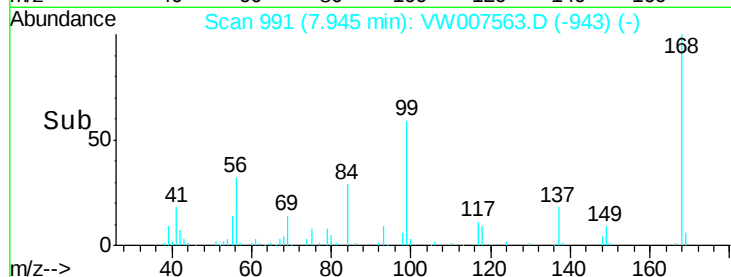
10000

5000

0

7.85 7.90 7.95 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 52.816 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007563.D

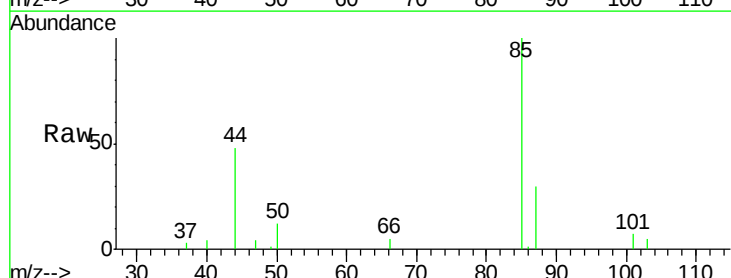
Acq: 15 Dec 2018 05:23

Tgt Ion: 85 Resp: 14228

Ion Ratio Lower Upper

85 100

87 29.8 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

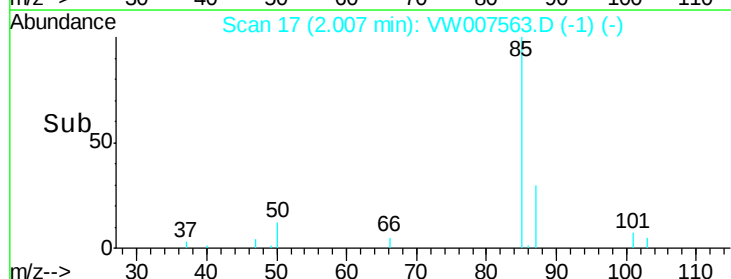
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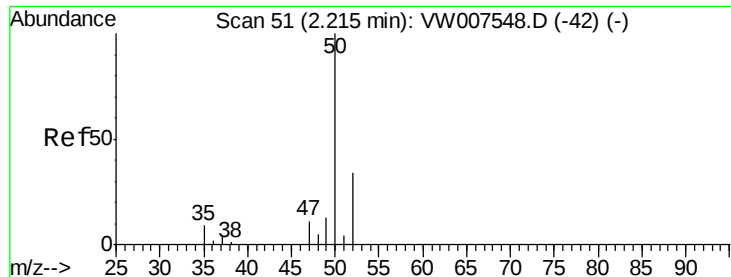
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 54.424 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 50 Resp: 12279

Ion Ratio Lower Upper

50 100

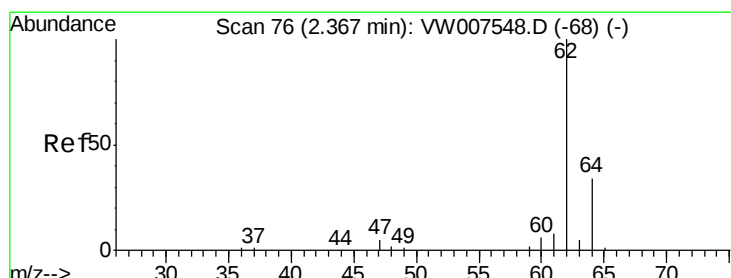
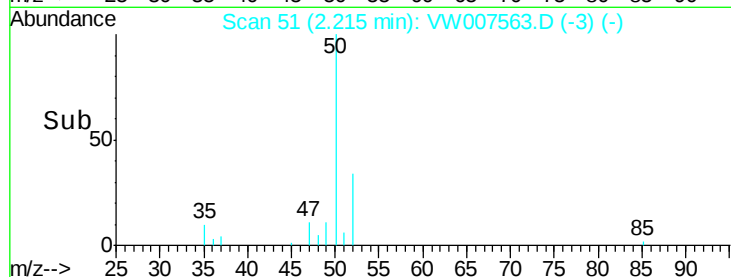
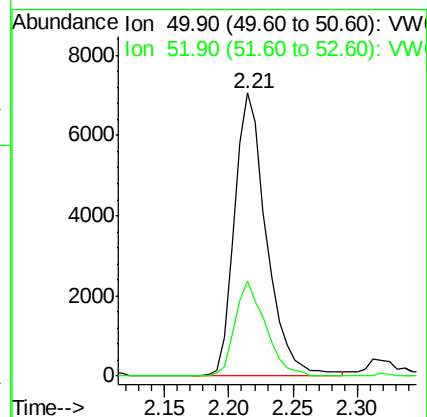
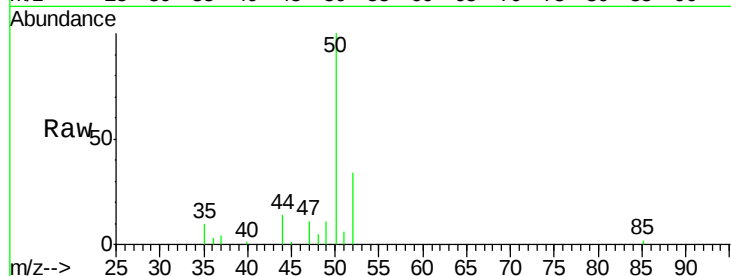
52 33.5 27.4 41.0

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#4

Vinyl Chloride

Concen: 53.175 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007563.D

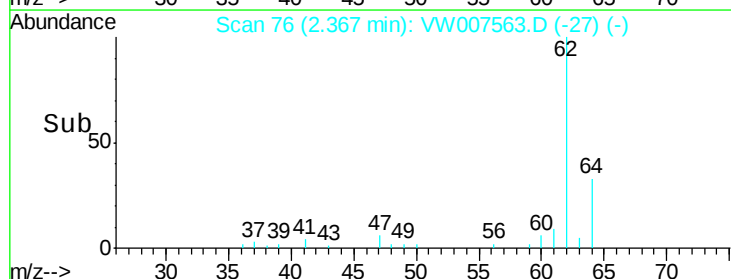
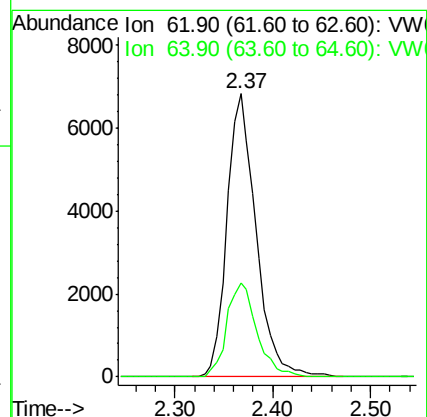
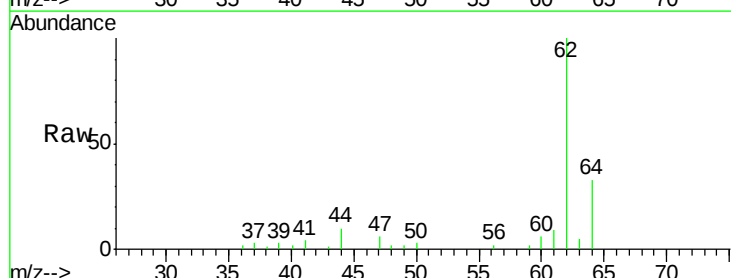
Acq: 15 Dec 2018 05:23

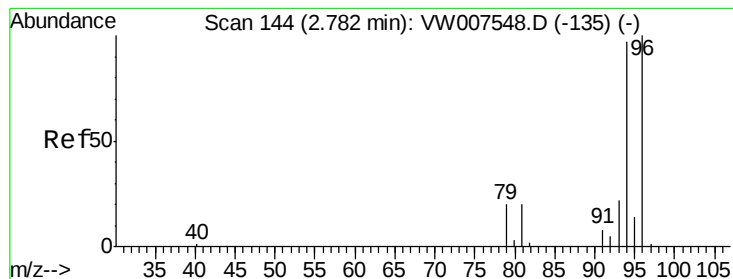
Tgt Ion: 62 Resp: 14079

Ion Ratio Lower Upper

62 100

64 33.0 24.6 37.0





#5

Bromomethane

Concen: 58.676 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

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ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 94 Resp: 10438

Ion Ratio Lower Upper

94 100

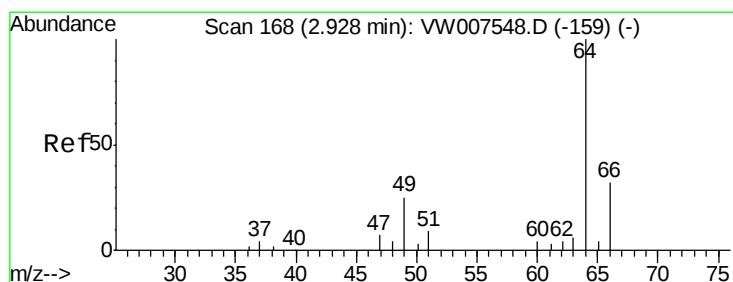
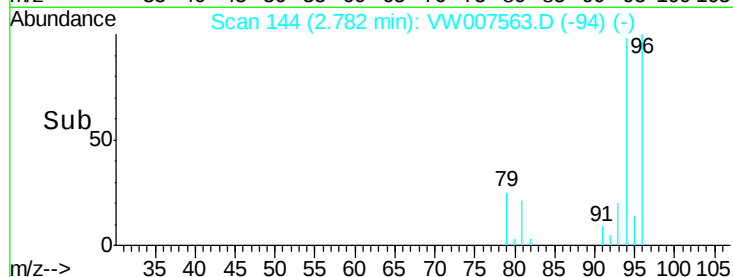
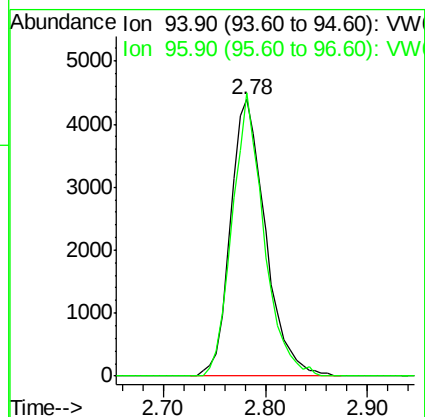
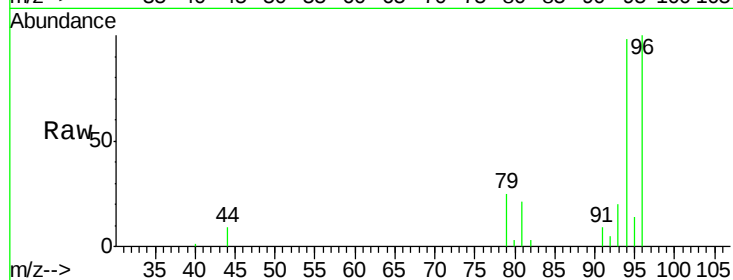
96 102.3 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 59.542 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007563.D

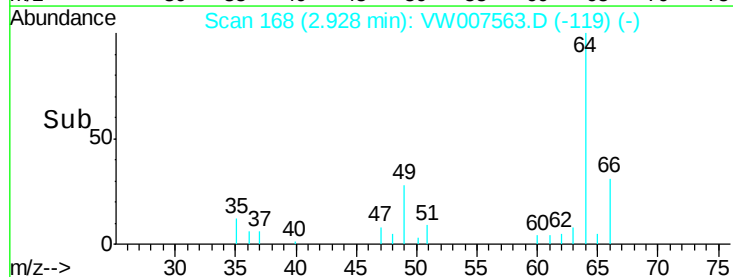
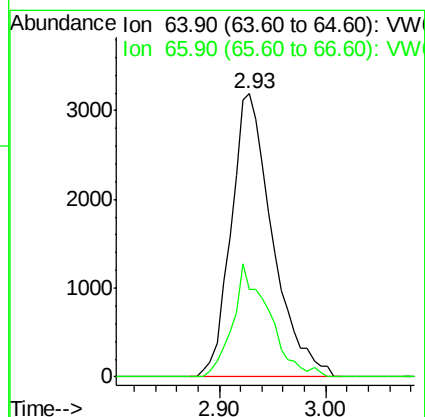
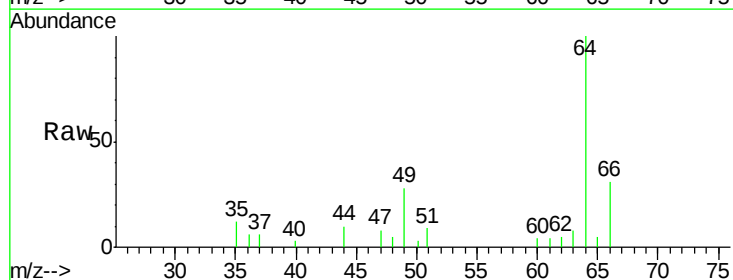
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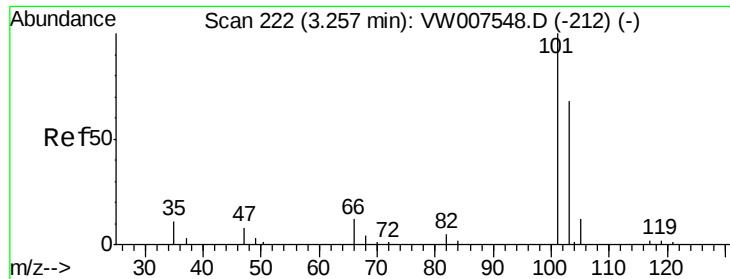
Tgt Ion: 64 Resp: 8678

Ion Ratio Lower Upper

64 100

66 31.1 24.6 37.0





#7

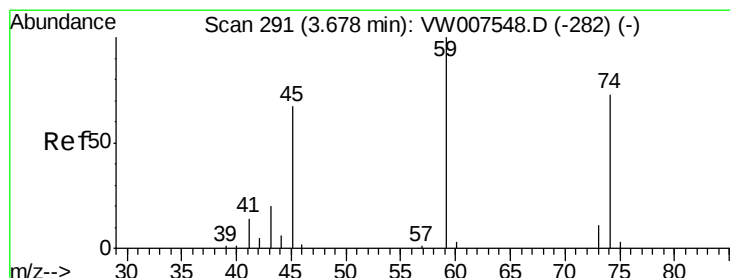
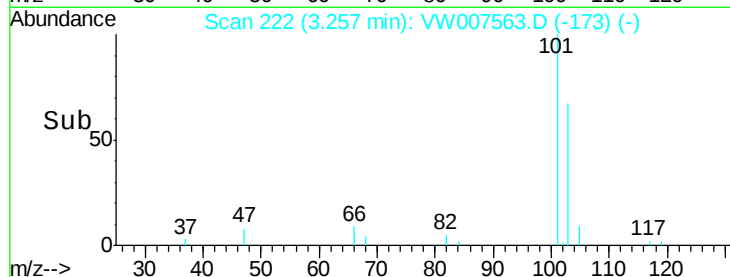
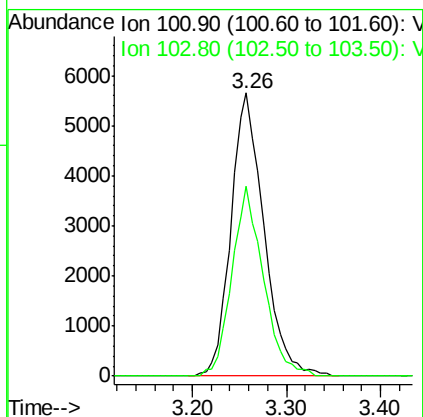
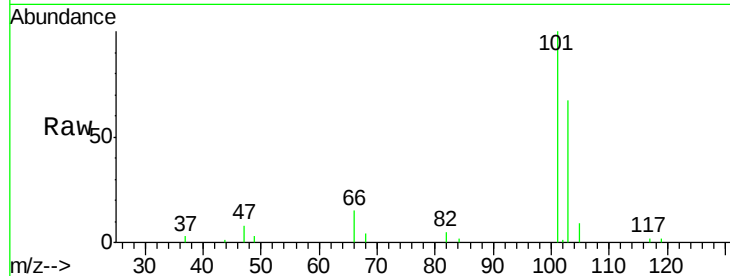
Trichlorofluoromethane
Concen: 57.890 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

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Tgt Ion: 101 Resp: 13780
Ion Ratio Lower Upper
101 100
103 67.0 51.7 77.5

Manual Integrations
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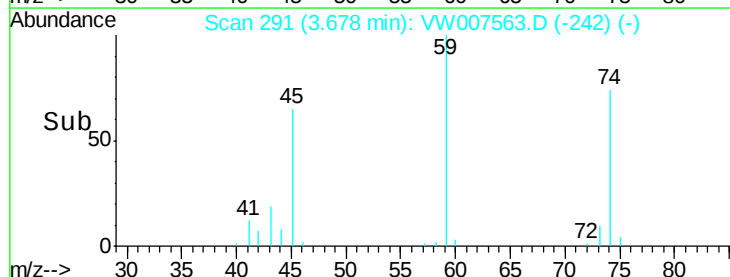
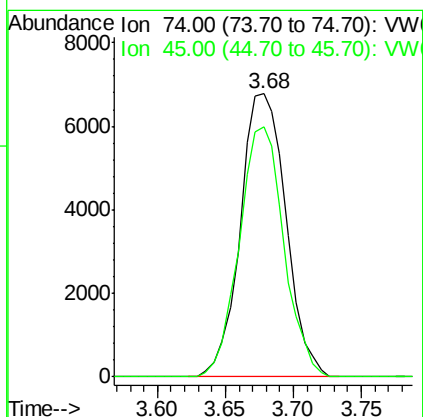
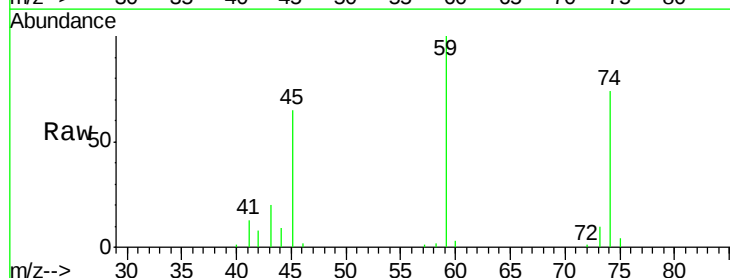
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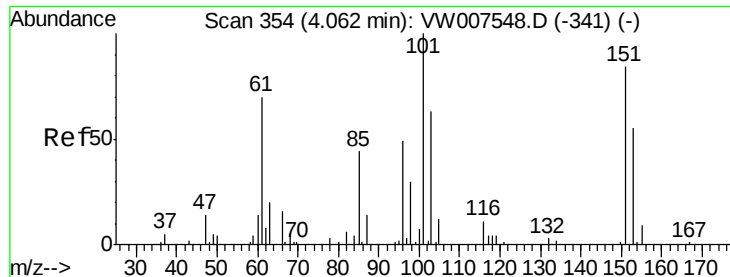


#8

Diethyl Ether
Concen: 85.311 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 74 Resp: 15894
Ion Ratio Lower Upper
74 100
45 86.5 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.461 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW007563.D

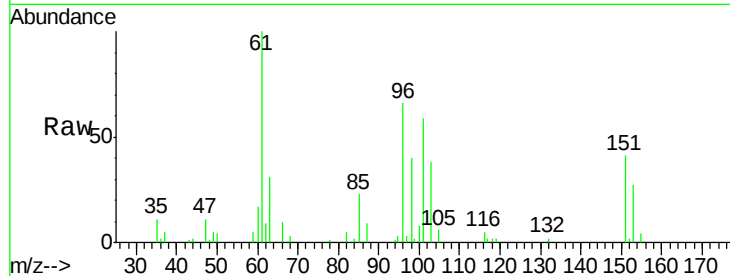
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Instrument :

MSVOA_W

ClientSampleId :

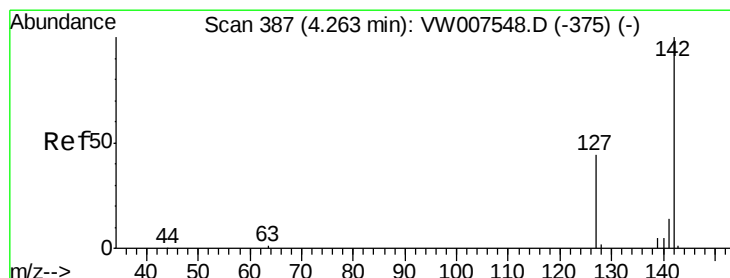
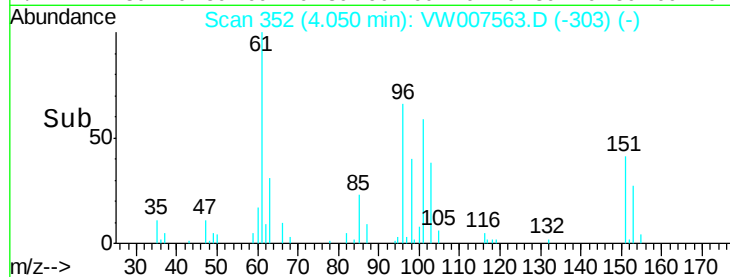
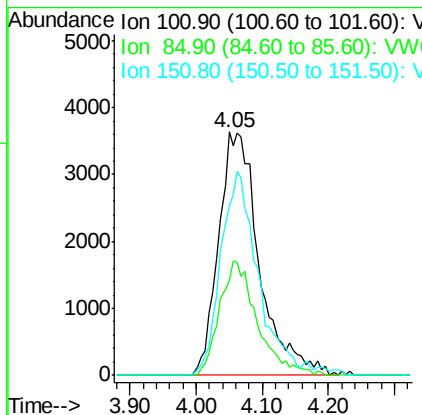
P001-SS015-0612-01MS



Tgt Ion:	101	Resp:	15499
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.9	50.9
151	75.8	63.7	95.5

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#10

Methyl Iodide

Concen: 52.301 ug/l

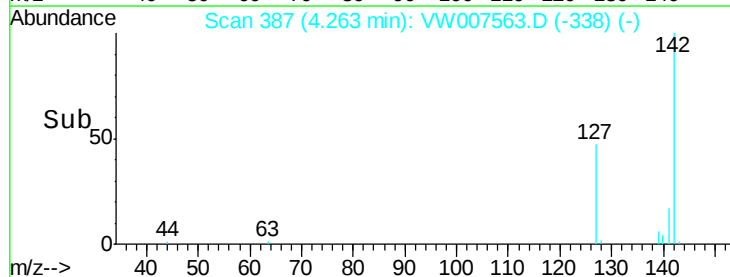
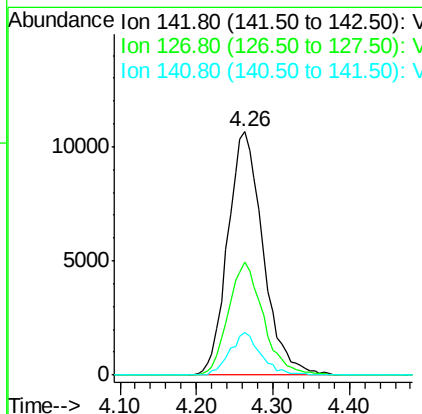
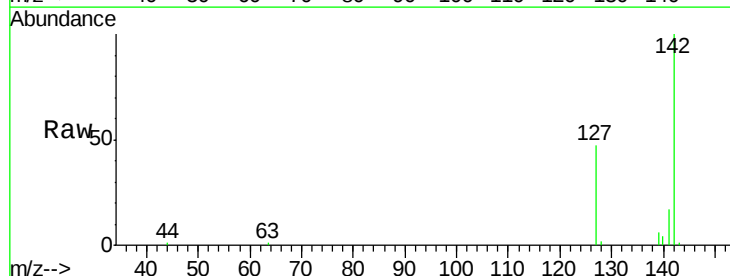
RT: 4.26 min Scan# 387

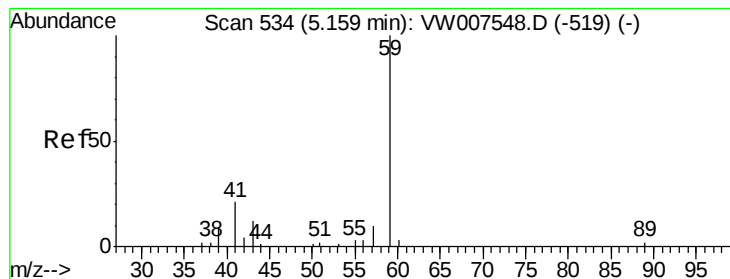
Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion:	142	Resp:	34022
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.8	53.6
141	15.5	11.1	16.7





#11

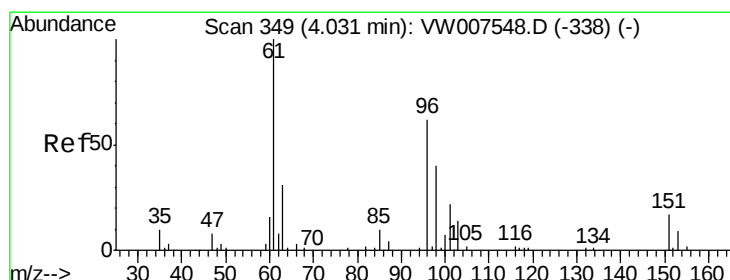
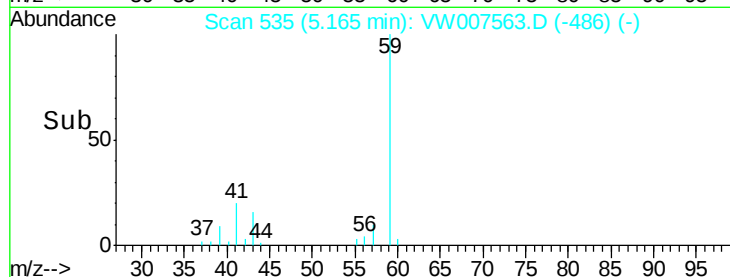
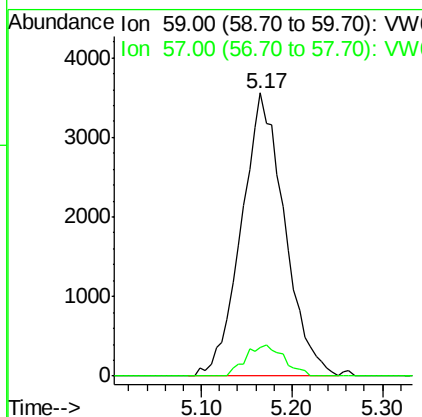
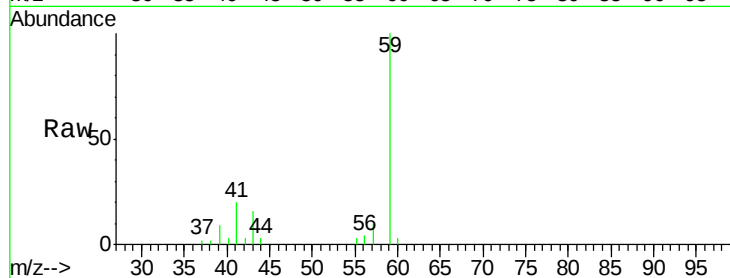
Tert butyl alcohol
Concen: 399.147 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 59 Resp: 11724
Ion Ratio Lower Upper
59 100
57 9.7 7.6 11.4

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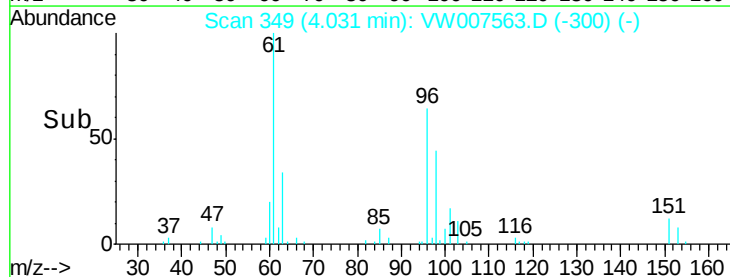
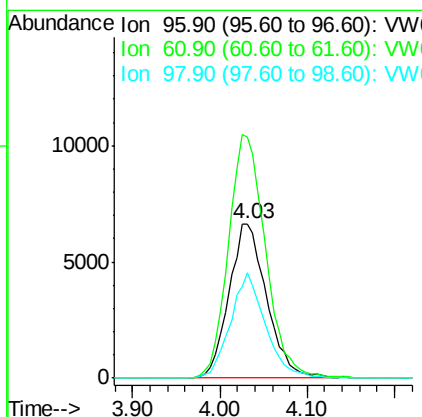
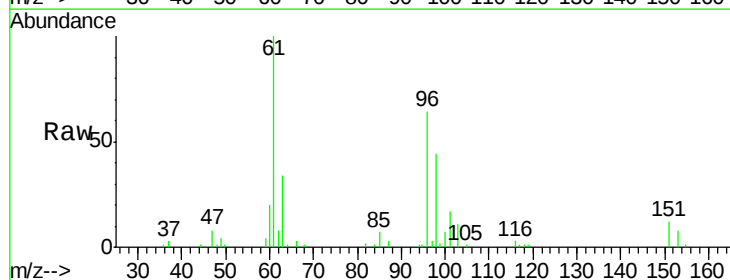
apatel
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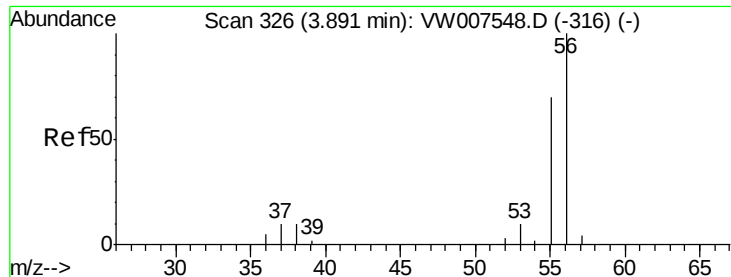


#12

1,1-Dichloroethene
Concen: 52.379 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 96 Resp: 19808
Ion Ratio Lower Upper
96 100
61 155.6 126.2 189.2
98 68.1 48.3 72.5





#13

Acrolein

Concen: 22.639 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 56 Resp: 440

Ion Ratio Lower Upper

56 100

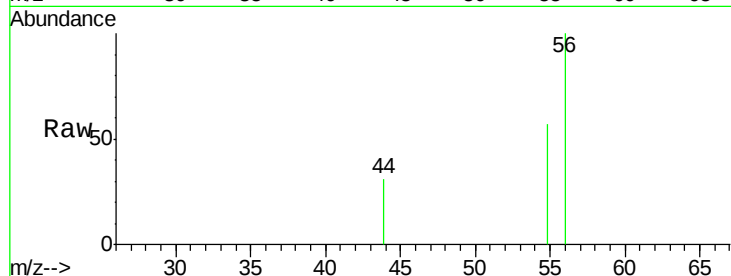
55 53.9 57.4 86.2#

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

250

200

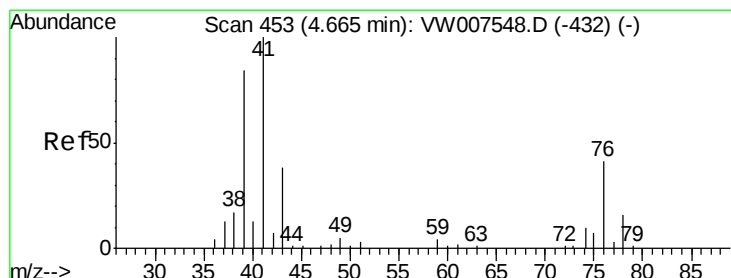
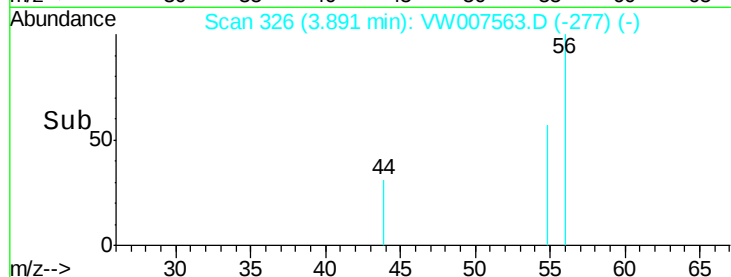
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 59.346 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

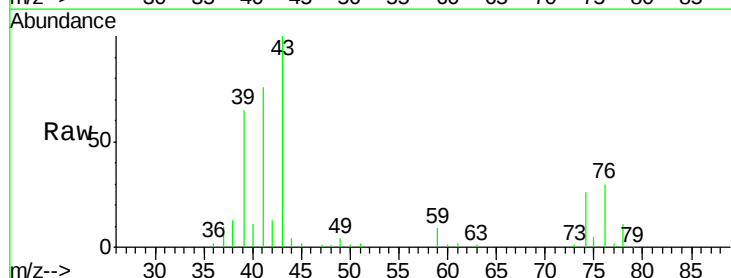
Tgt Ion: 41 Resp: 33081

Ion Ratio Lower Upper

41 100

39 79.8 63.4 95.2

76 39.4 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

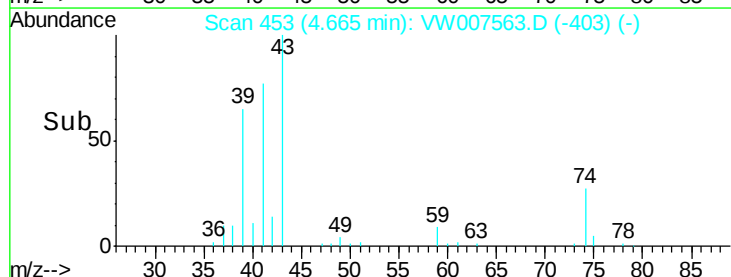
4.67

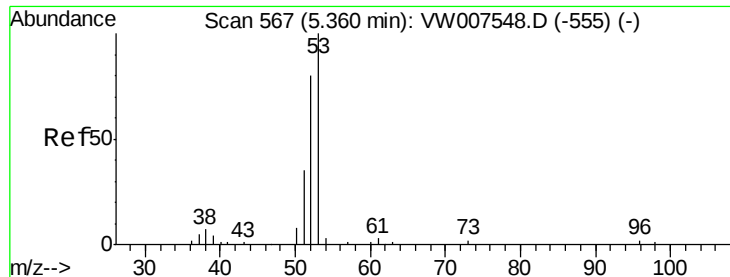
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 304.065 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

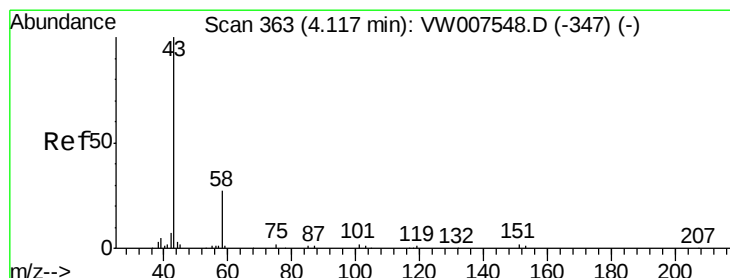
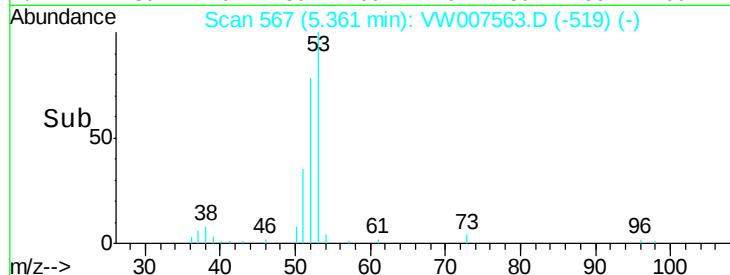
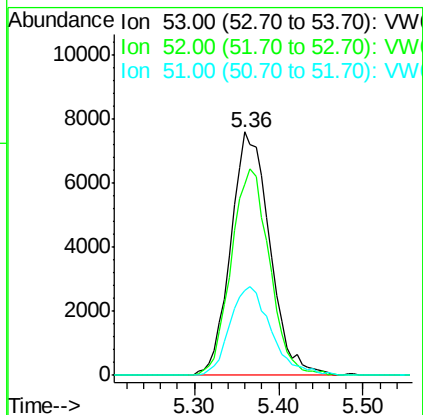
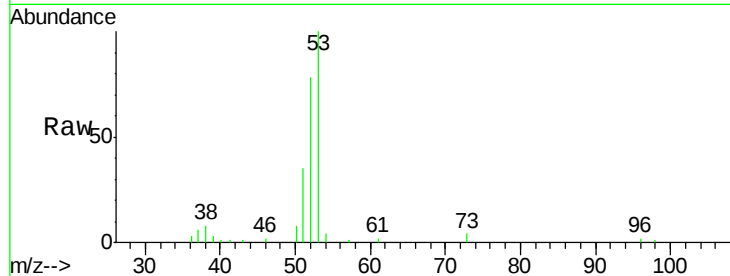
ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion:	53	Resp:	23881
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.4	101.2
51	38.5	30.2	45.2

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#16

Acetone

Concen: 396.422 ug/l

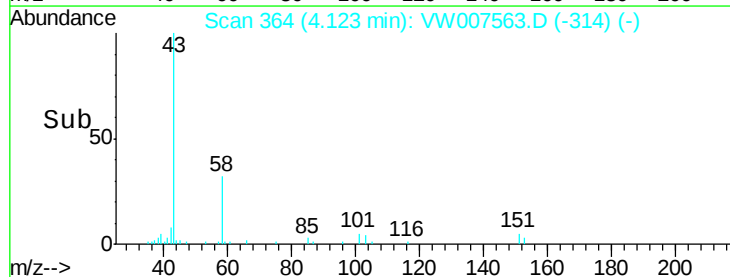
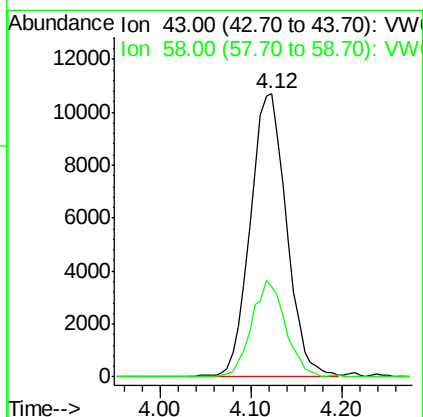
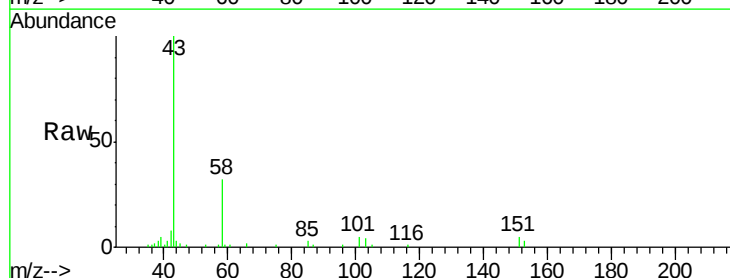
RT: 4.12 min Scan# 364

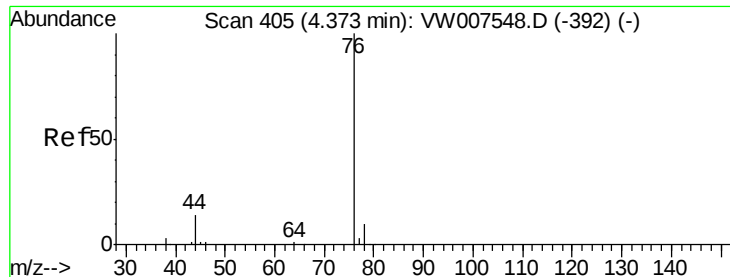
Delta R.T. 0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion:	43	Resp:	29614
Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.9	37.3





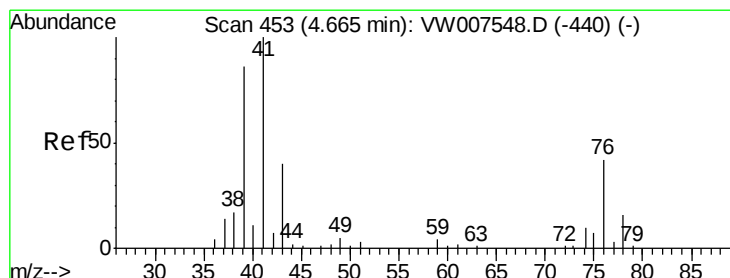
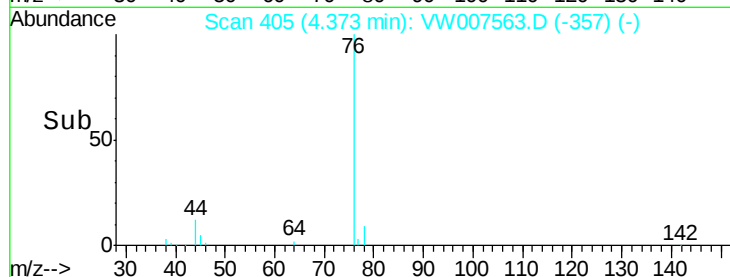
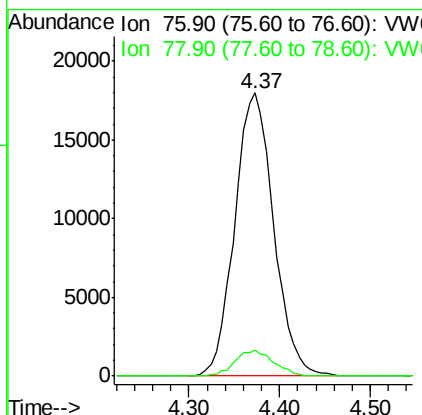
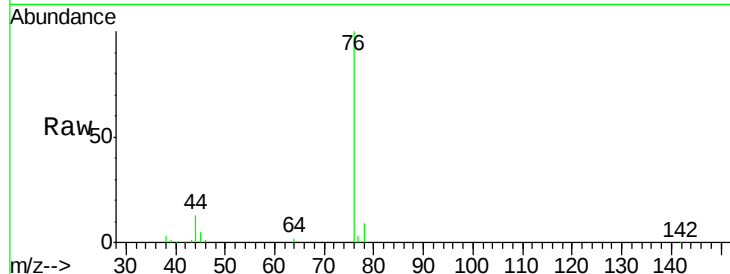
#17
Carbon Disulfide
Concen: 46.700 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 76 Resp: 53547
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

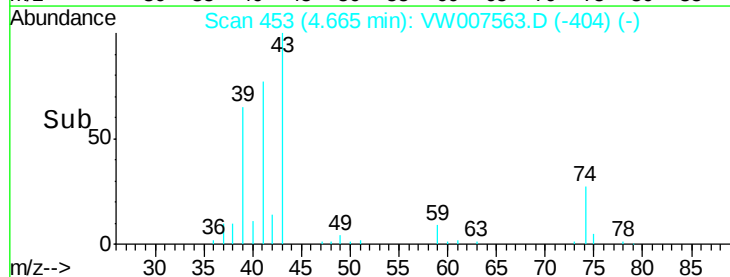
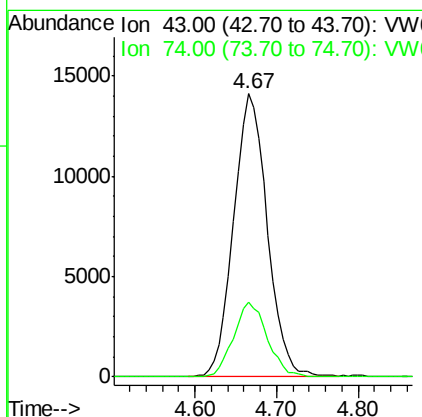
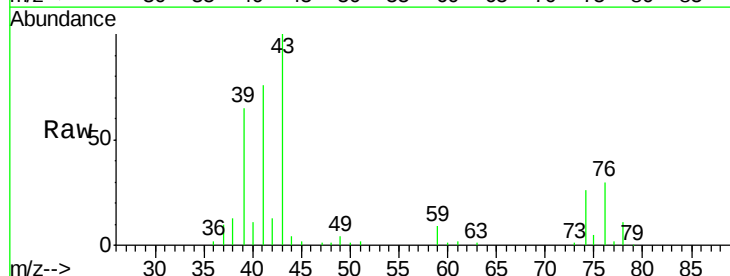
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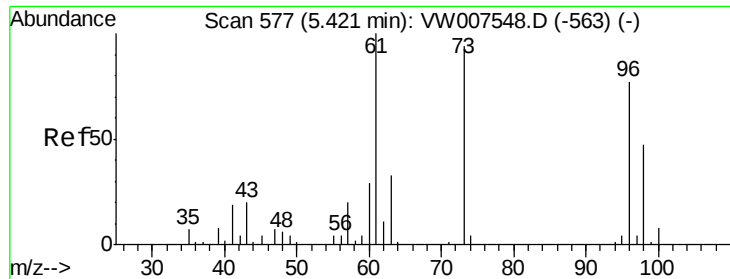
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#18
Methyl Acetate
Concen: 199.297 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 43 Resp: 40408
Ion Ratio Lower Upper
43 100
74 26.2 21.1 31.7





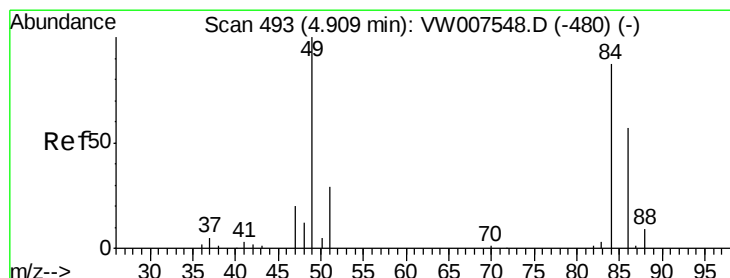
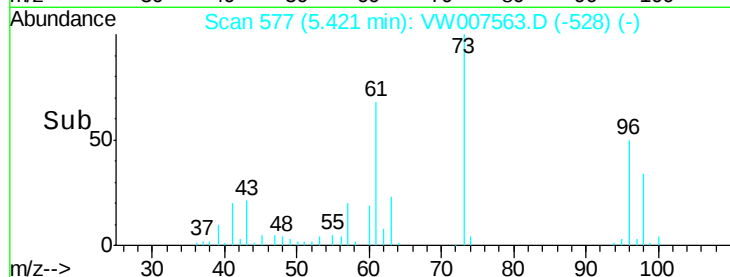
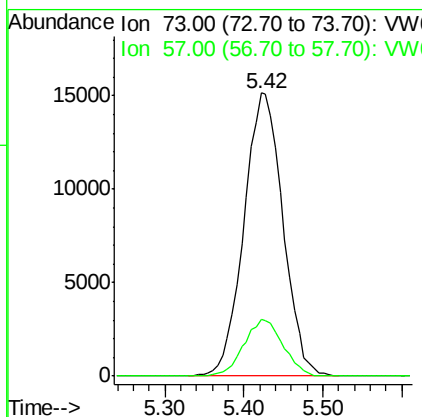
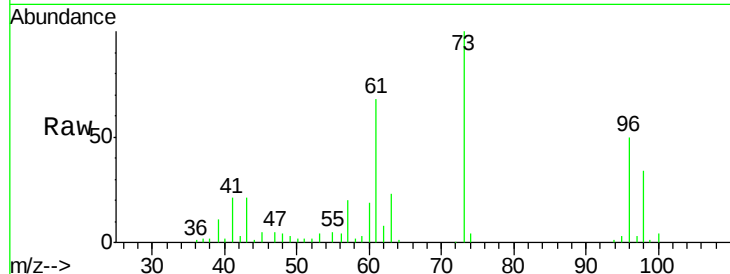
#19
Methyl tert-butyl Ether
Concen: 91.107 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 73 Resp: 51975
Ion Ratio Lower Upper
73 100
57 20.3 16.4 24.6

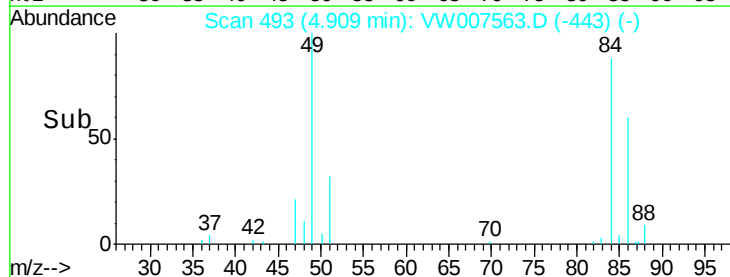
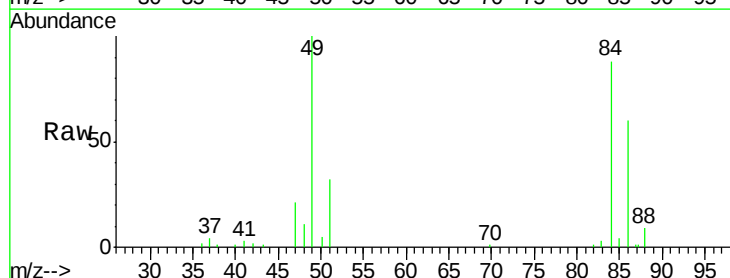
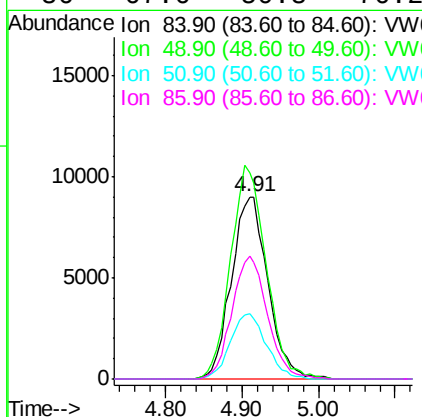
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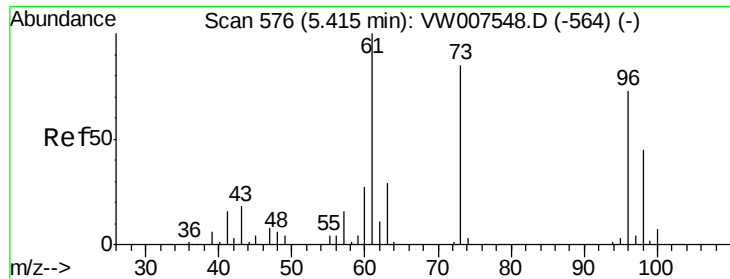
apatel
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#20
Methylene Chloride
Concen: 74.858 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 84 Resp: 29785
Ion Ratio Lower Upper
84 100
49 113.1 87.1 130.7
51 35.8 28.2 42.2
86 67.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 55.083 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 96 Resp: 23302

Ion Ratio Lower Upper

96 100

61 134.6 105.0 157.6

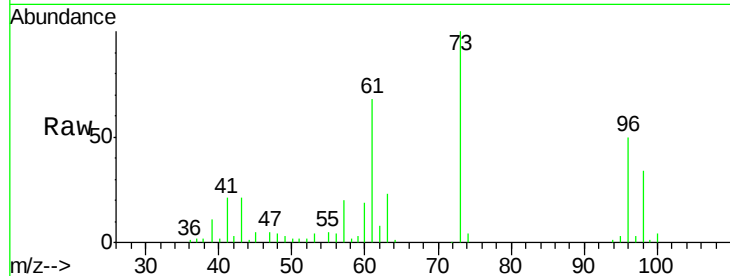
98 67.0 49.7 74.5

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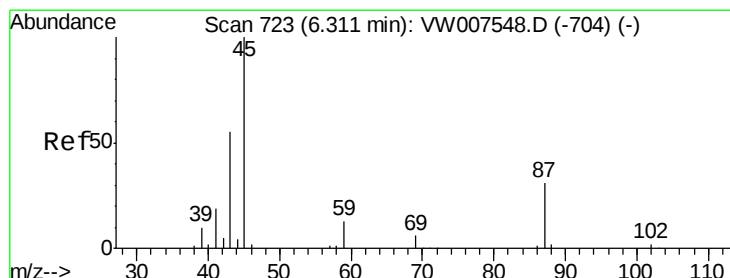
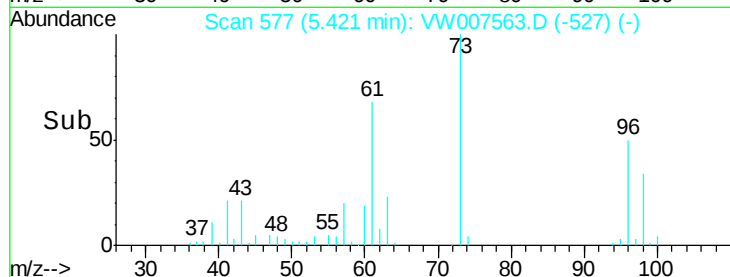
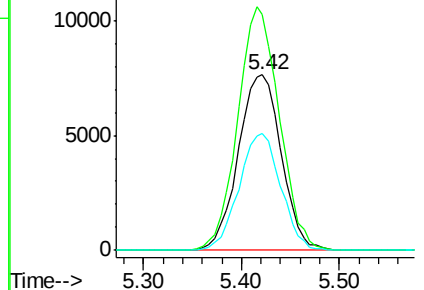
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Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 75.007 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion: 45 Resp: 80366

Ion Ratio Lower Upper

45 100

43 53.8 41.6 62.4

87 31.8 24.3 36.5

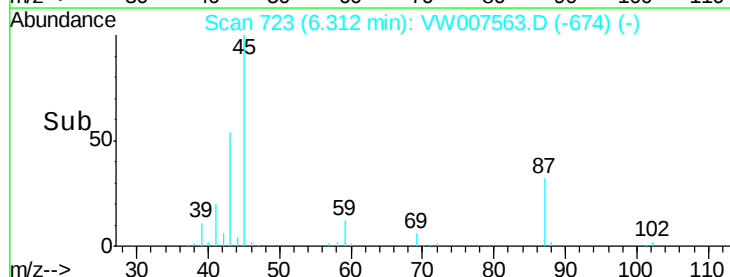
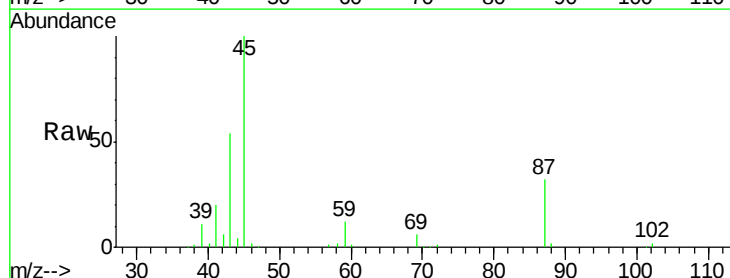
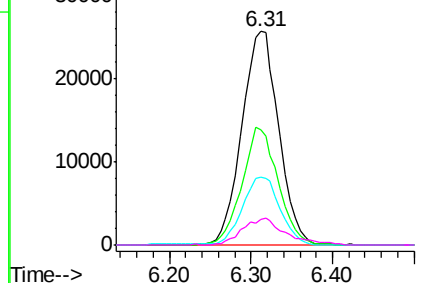
59 11.8 9.4 14.0

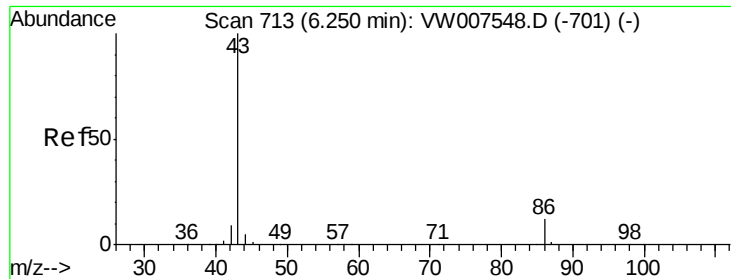
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 72.442 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.05 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

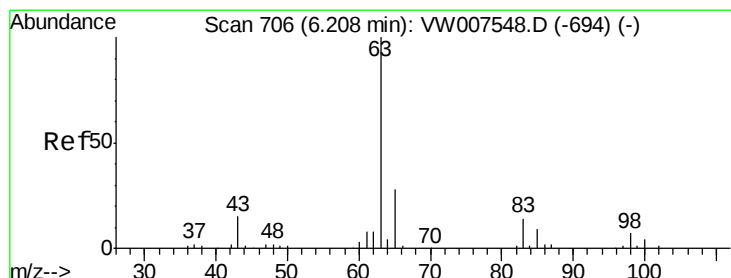
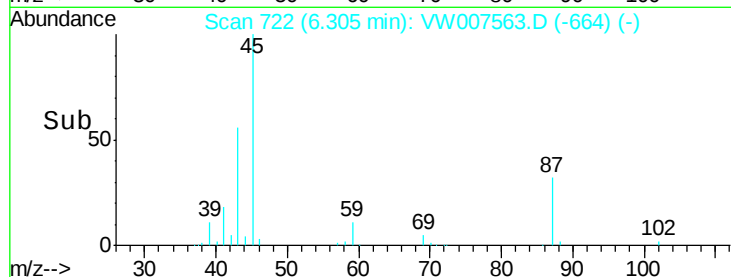
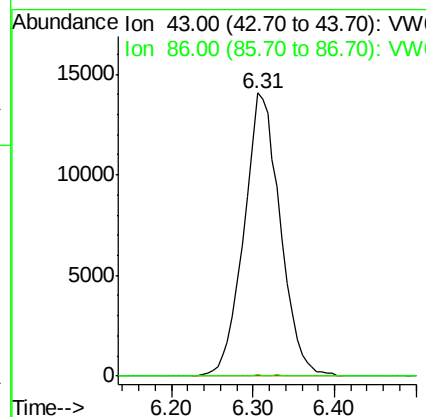
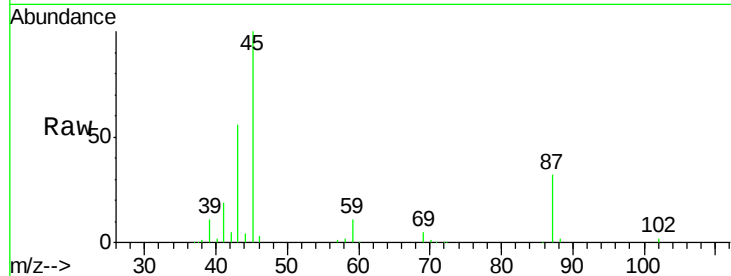
ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.5	8.6	12.8#

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#24

1,1-Dichloroethane

Concen: 63.189 ug/l

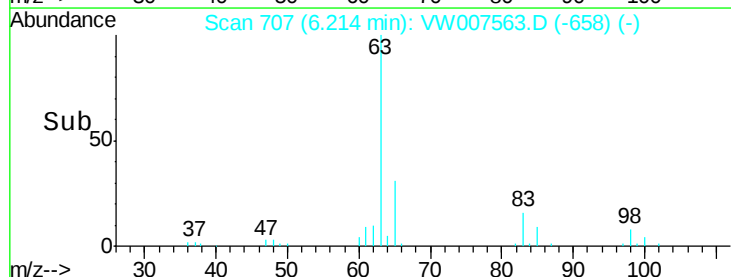
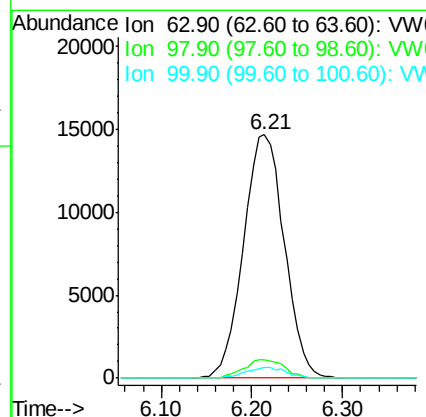
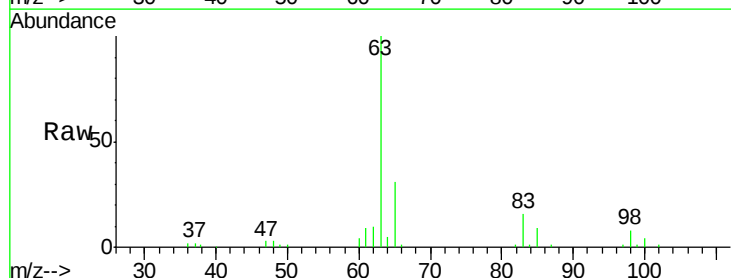
RT: 6.21 min Scan# 707

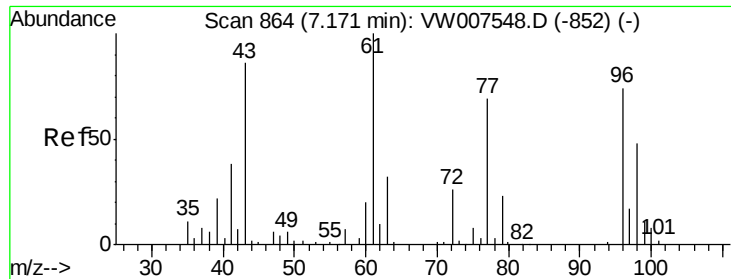
Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.5	10.4
100	4.4	2.5	7.5





#25

2-Butanone

Concen: 349.714 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 43 Resp: 34106

Ion Ratio Lower Upper

43 100

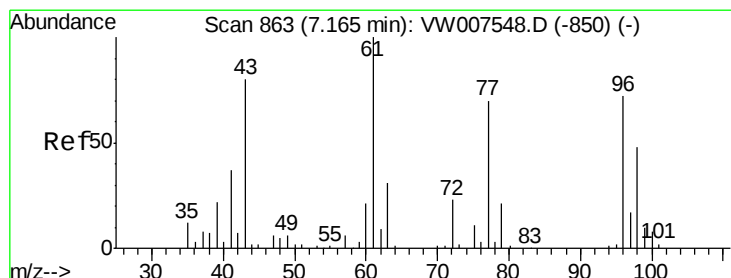
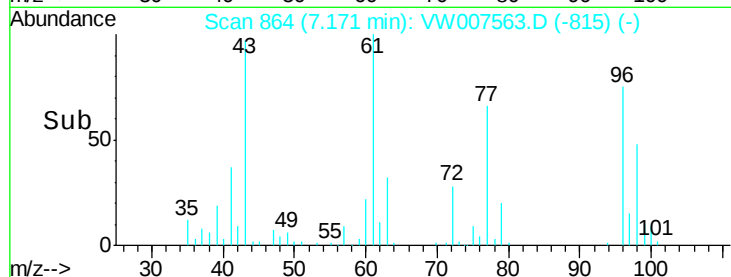
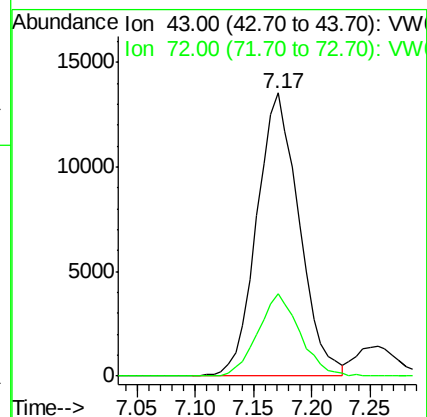
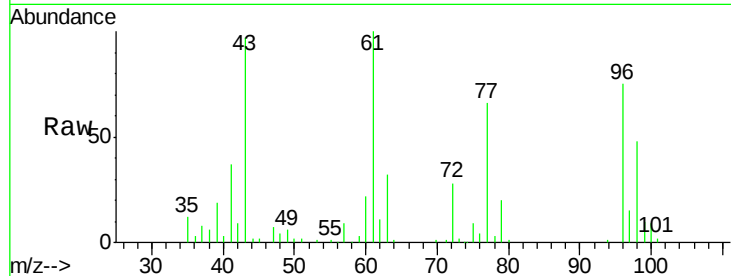
72 29.2 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.860 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007563.D

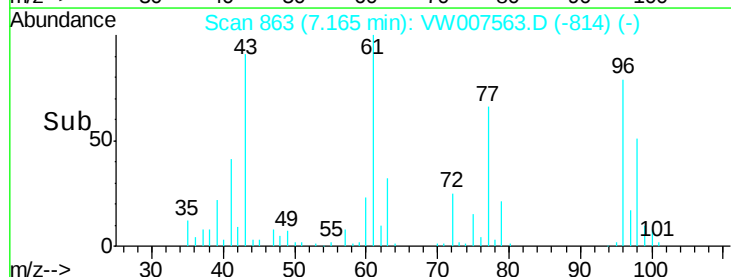
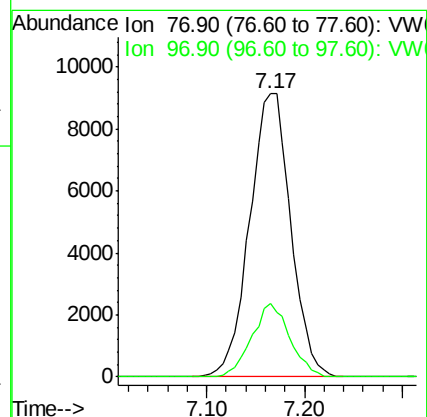
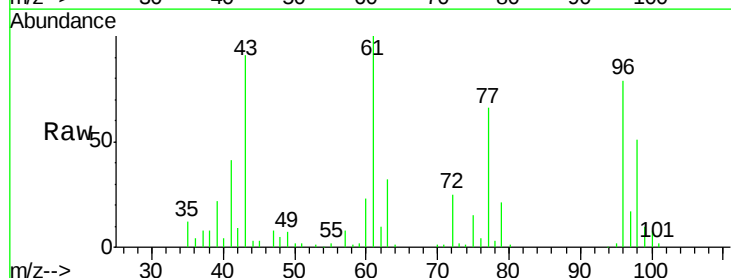
Acq: 15 Dec 2018 05:23

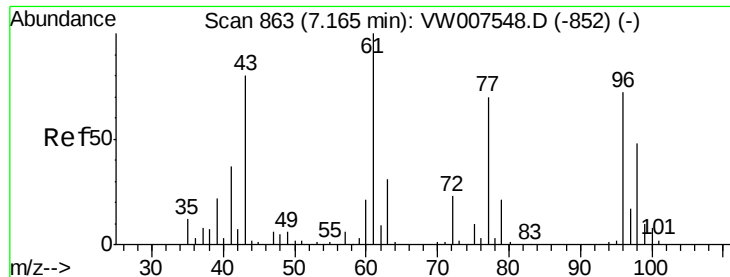
Tgt Ion: 77 Resp: 26771

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

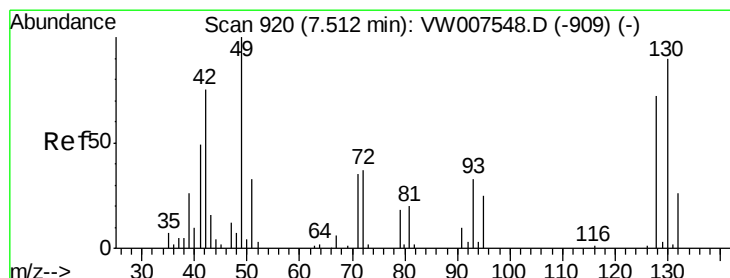
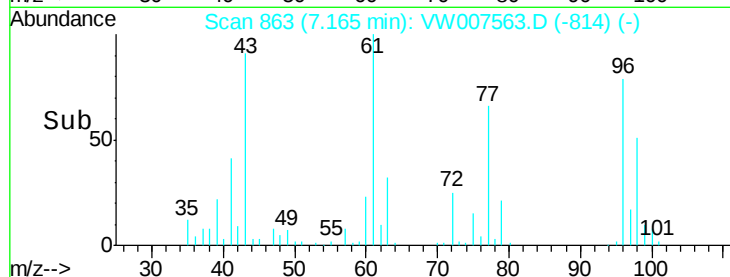
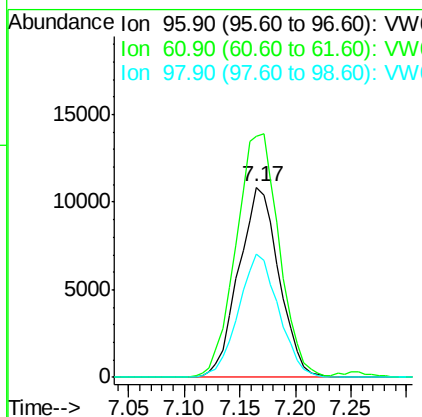
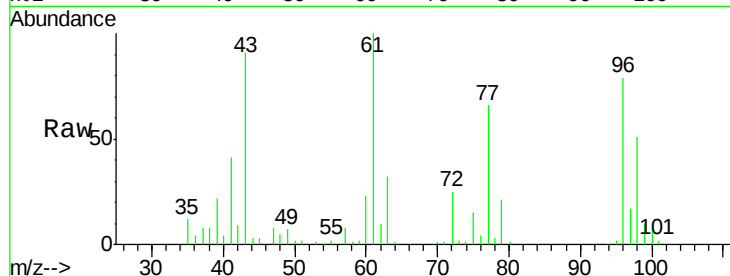
cis-1,2-Dichloroethene
Concen: 58.808 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	268.4
98	64.8	0.0	127.8

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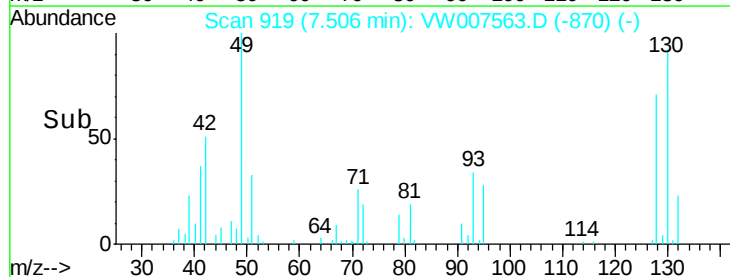
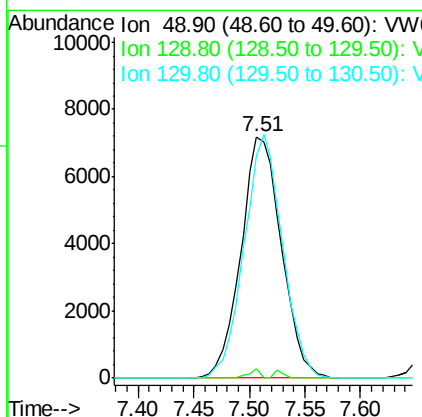
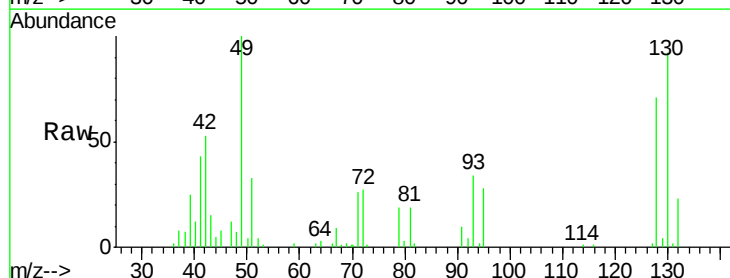
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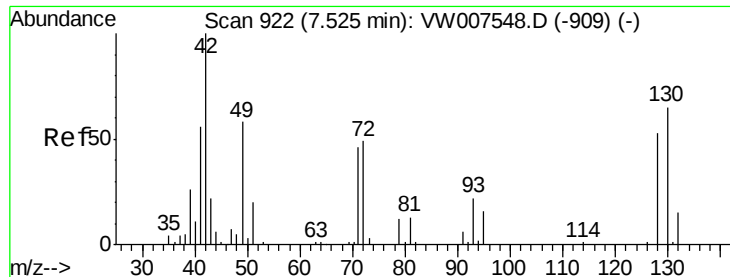


#28

Bromochloromethane
Concen: 66.597 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.6
130	95.9	75.9	113.9





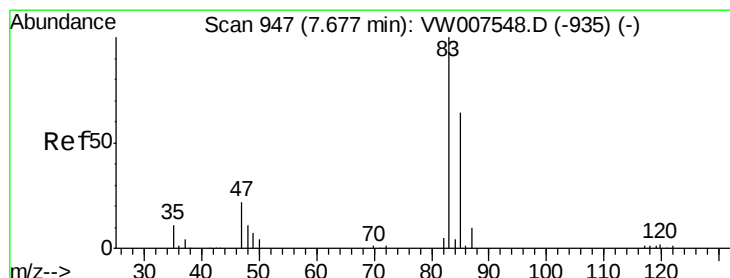
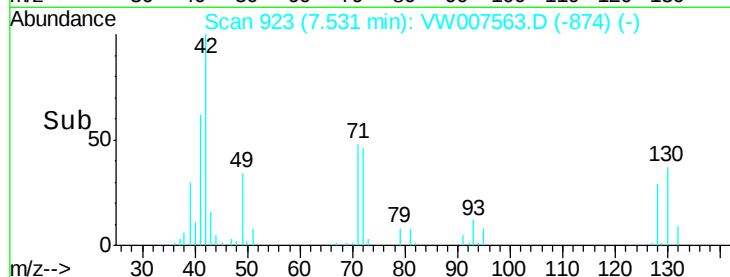
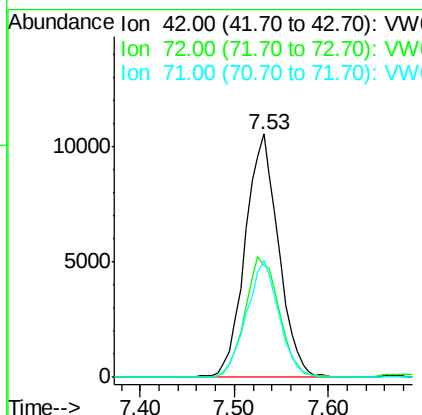
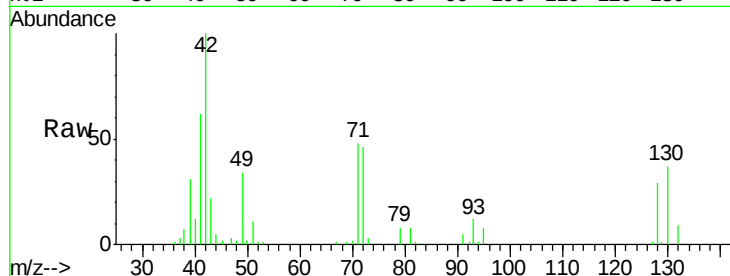
#29
Tetrahydrofuran
Concen: 424.506 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.7	38.2	57.4
71	46.9	35.5	53.3

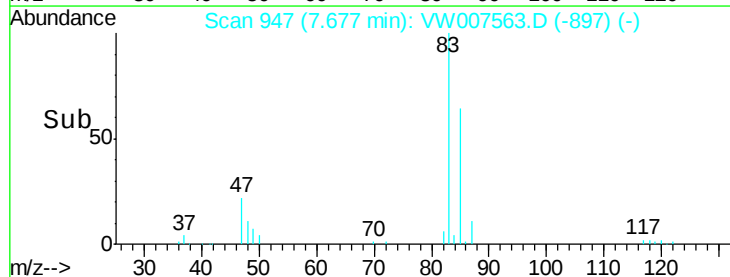
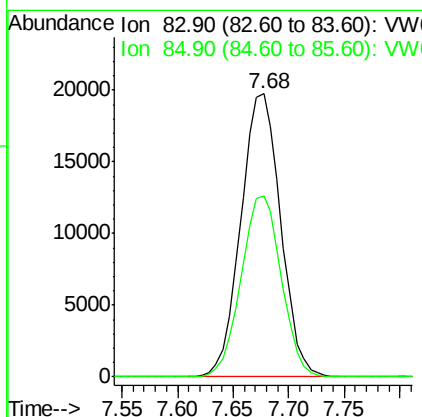
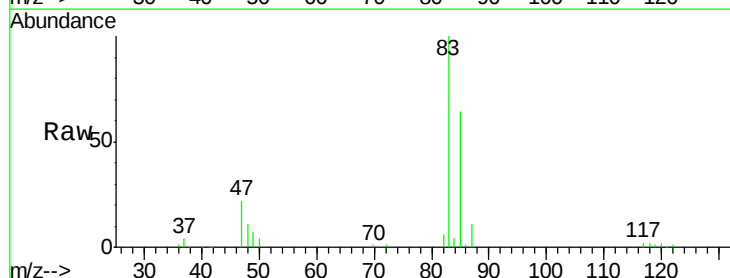
Manual Integrations
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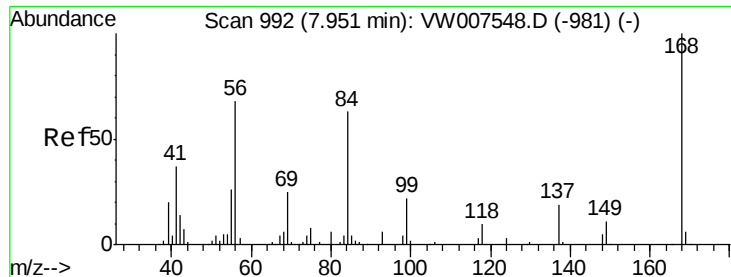
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#30
Chloroform
Concen: 62.255 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.8





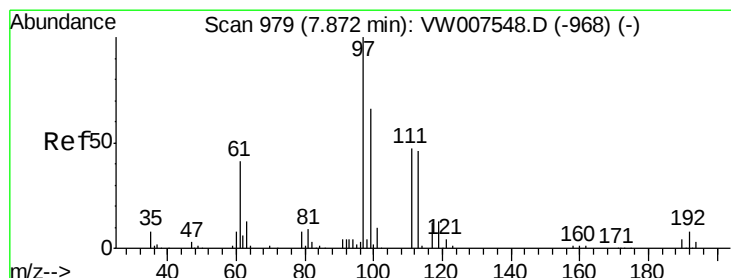
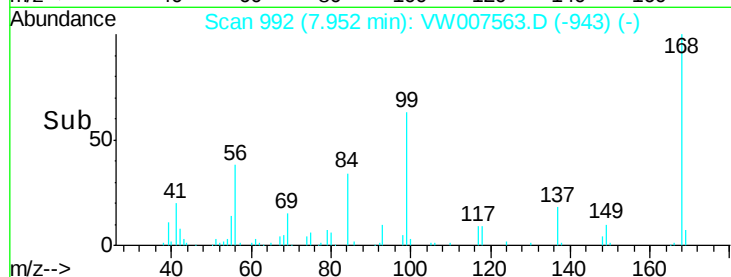
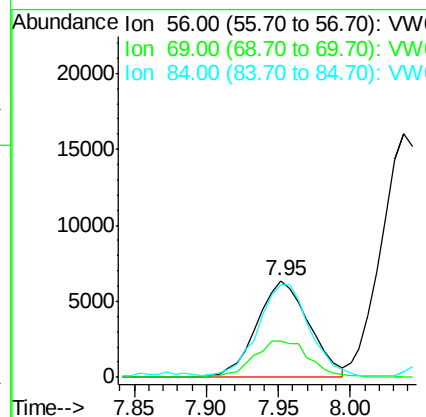
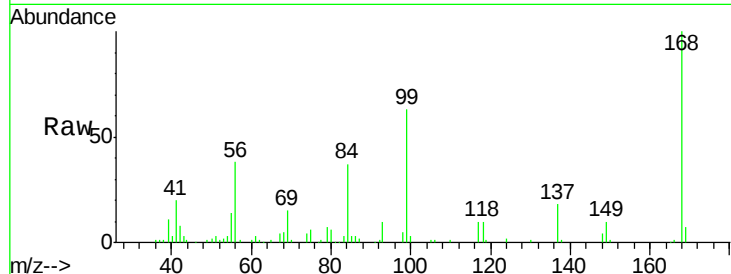
#31
Cyclohexane
Concen: 24.007 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.9	28.9	43.3
84	93.3	71.8	107.6

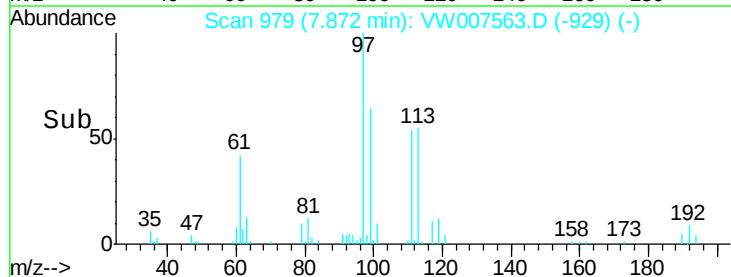
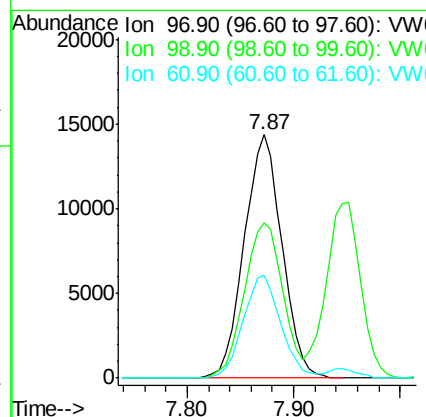
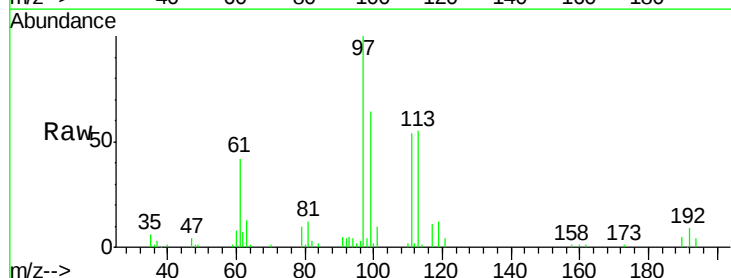
Manual Integrations
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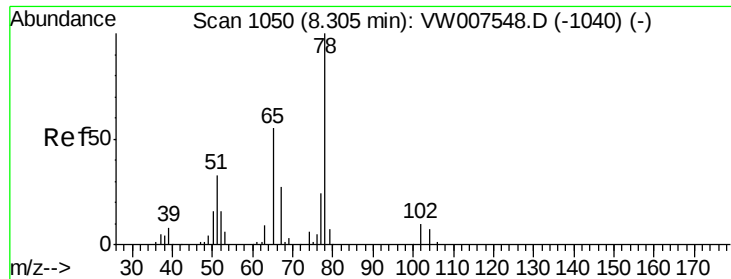
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#32
1,1,1-Trichloroethane
Concen: 51.855 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.1	76.7
61	42.0	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 69.194 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 65 Resp: 29593

Ion Ratio Lower Upper

65 100

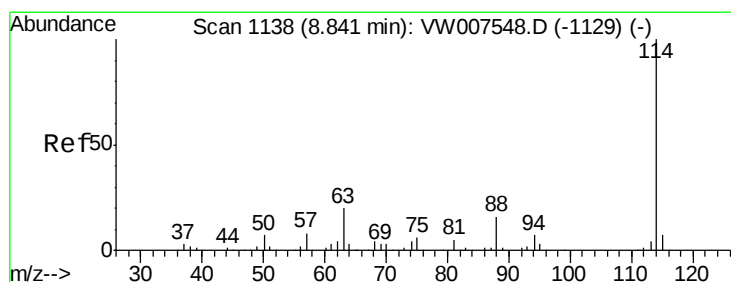
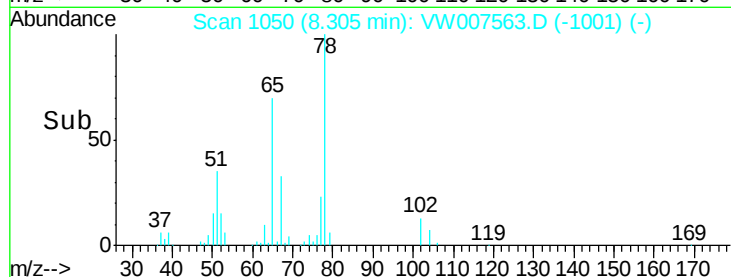
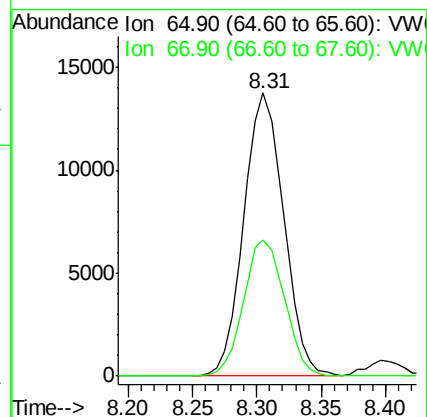
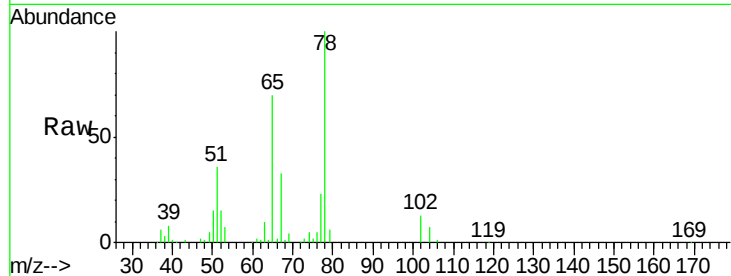
67 49.0 0.0 101.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

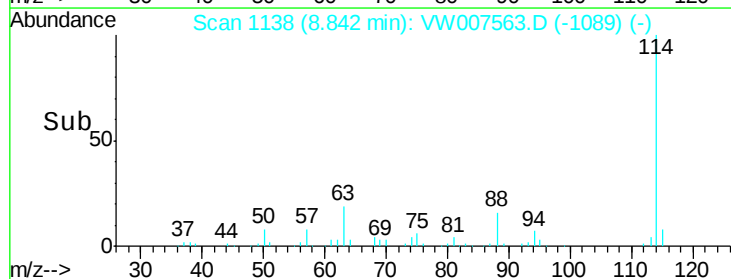
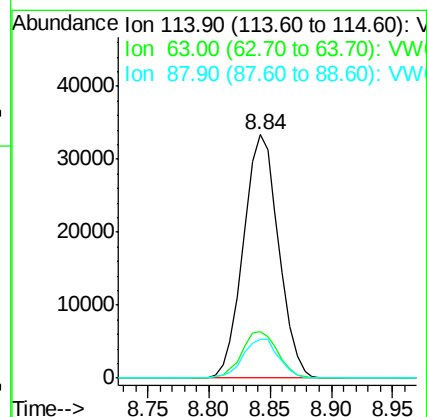
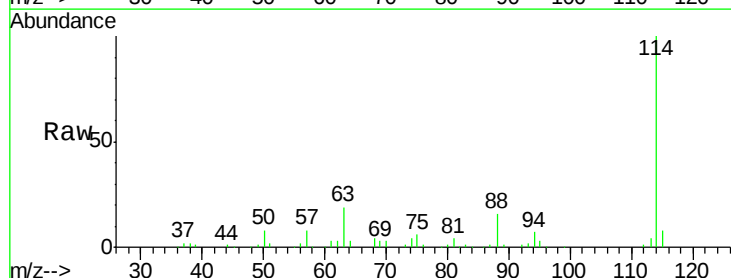
Tgt Ion: 114 Resp: 66687

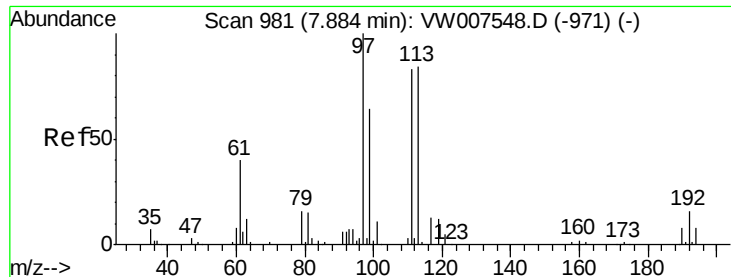
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 59.475 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

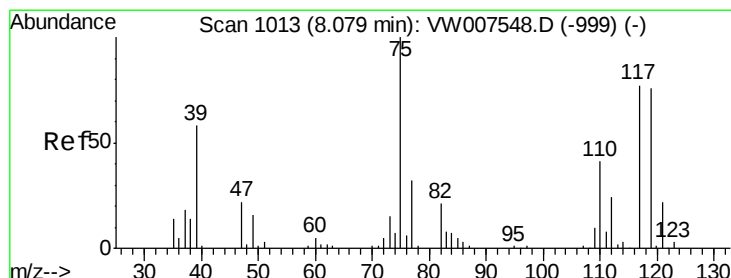
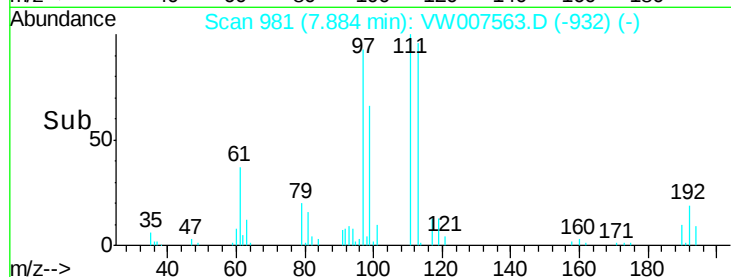
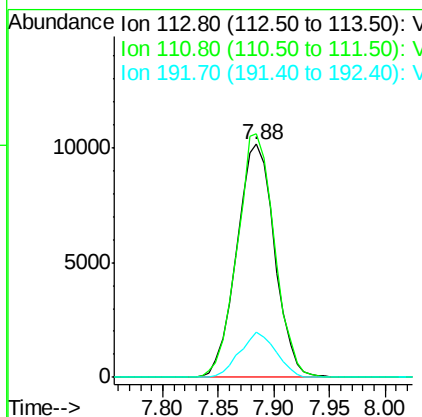
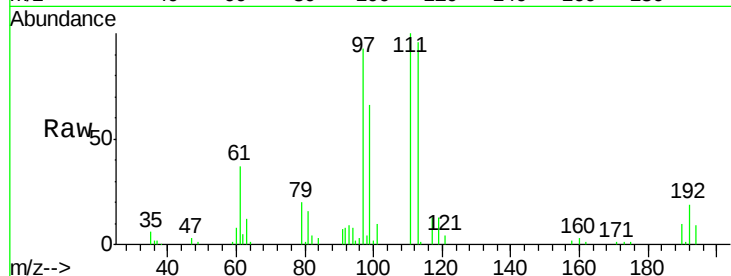
ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion:	113	Resp:	24009
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.1	121.7
192	18.6	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 40.890 ug/l

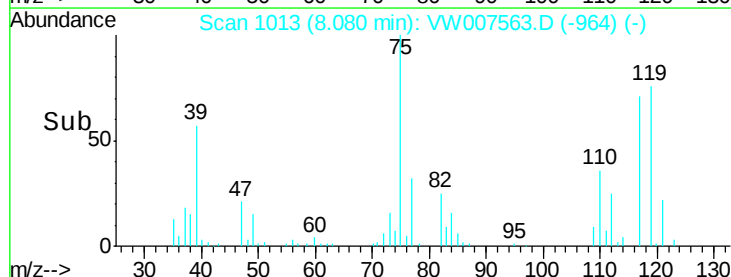
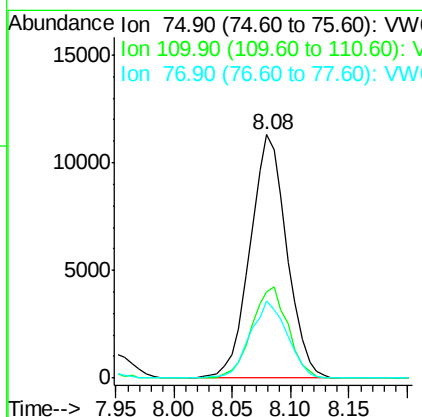
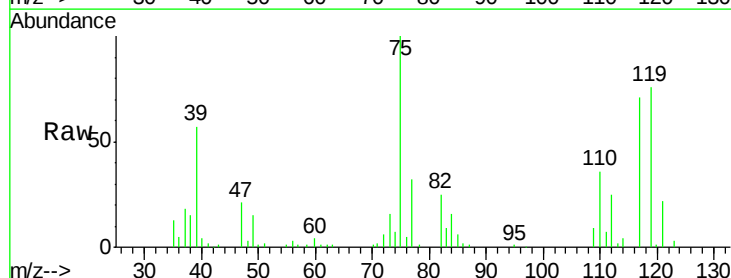
RT: 8.08 min Scan# 1013

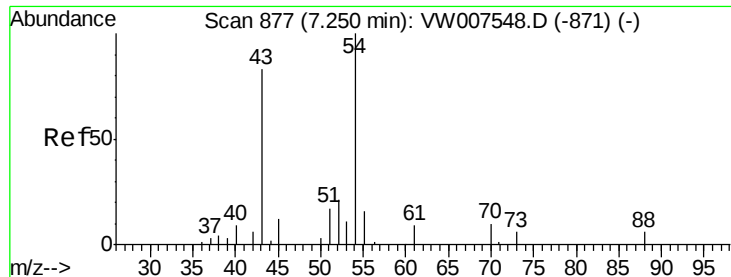
Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion:	75	Resp:	24875
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.5	55.5
77	32.0	25.6	38.4





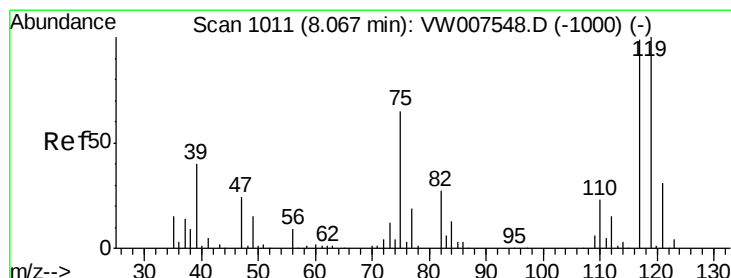
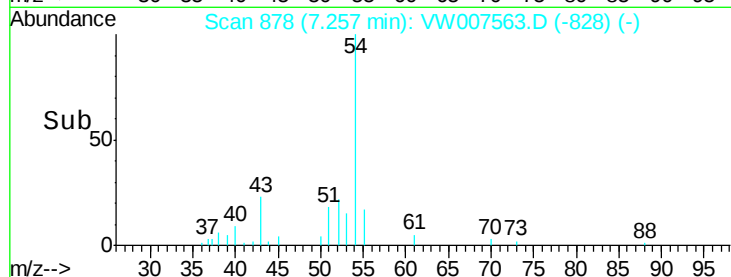
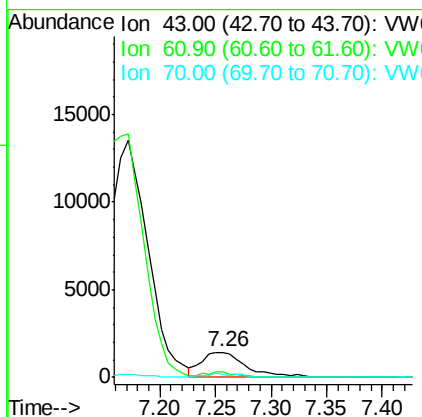
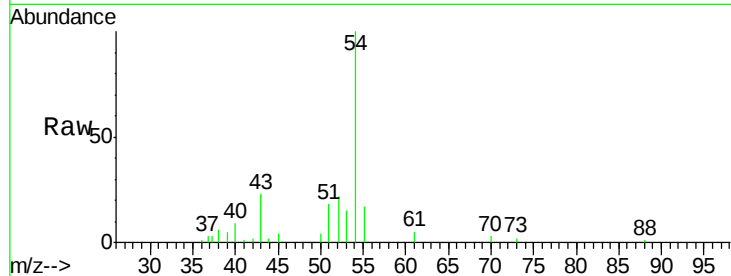
#37
Ethyl Acetate
Concen: 17.643 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 43 Resp: 3992
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 10.5 10.0 15.0

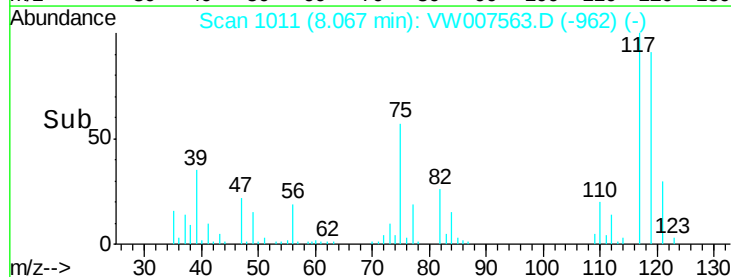
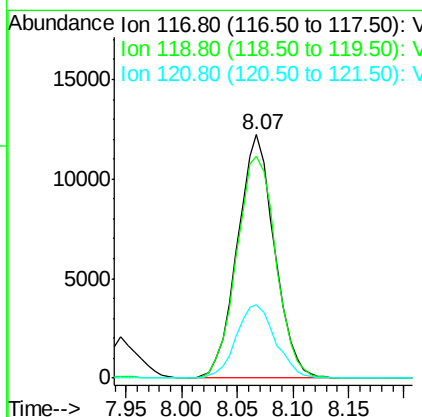
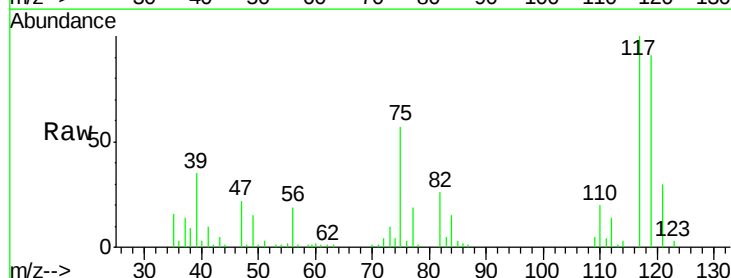
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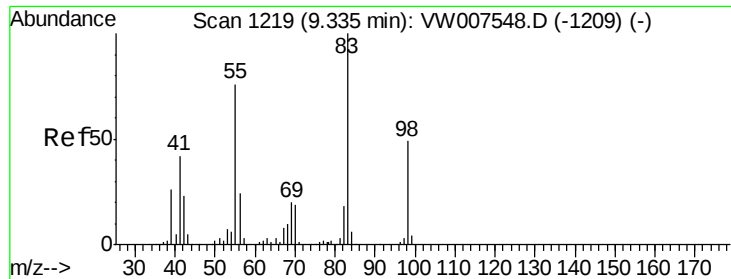
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#38
Carbon Tetrachloride
Concen: 42.872 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 117 Resp: 28378
Ion Ratio Lower Upper
117 100
119 91.4 74.3 111.5
121 29.9 24.3 36.5





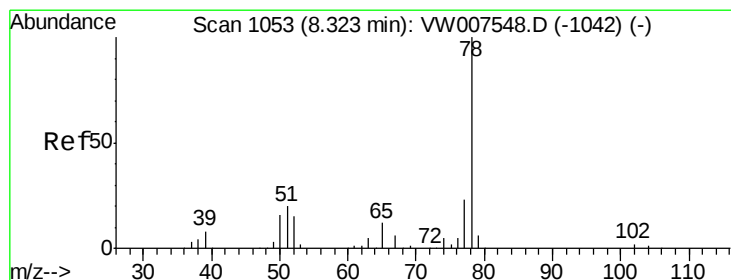
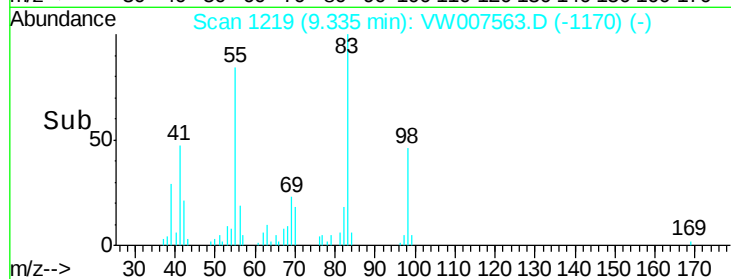
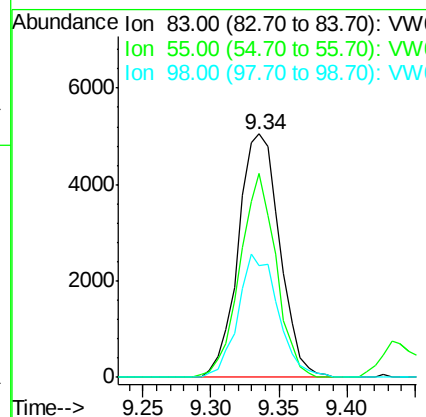
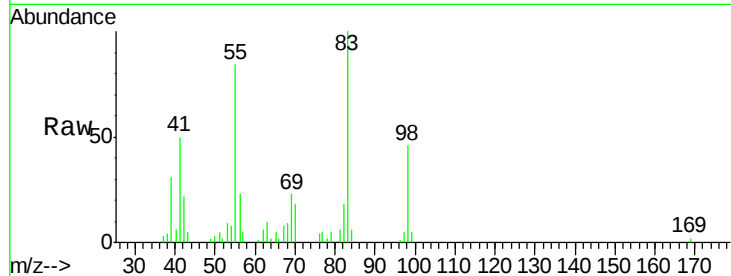
#39
Methylcyclohexane
Concen: 14.577 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.8	62.8	94.2
98	45.8	42.2	63.2

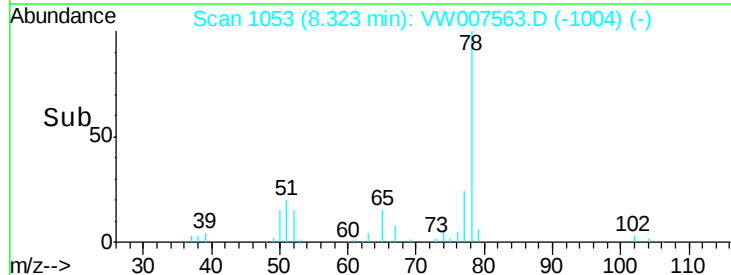
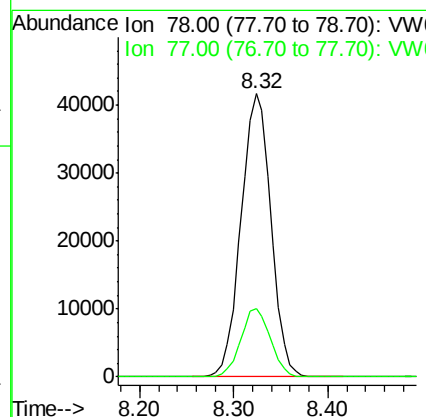
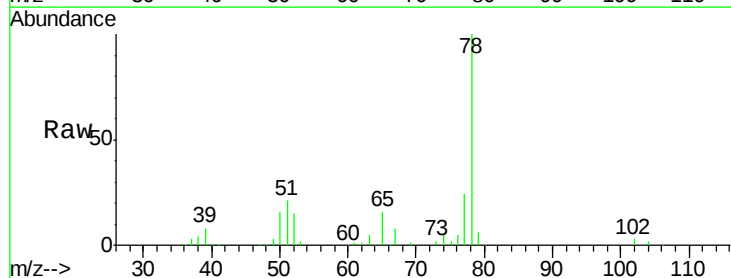
Manual Integrations
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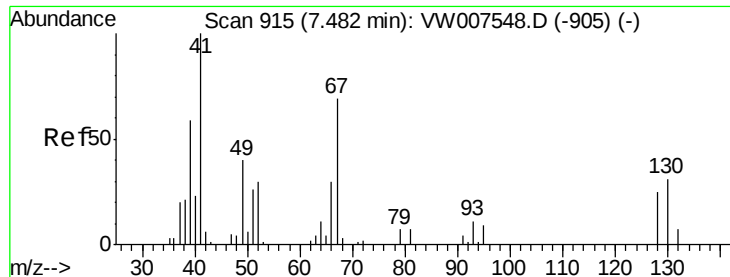
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#40
Benzene
Concen: 54.595 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





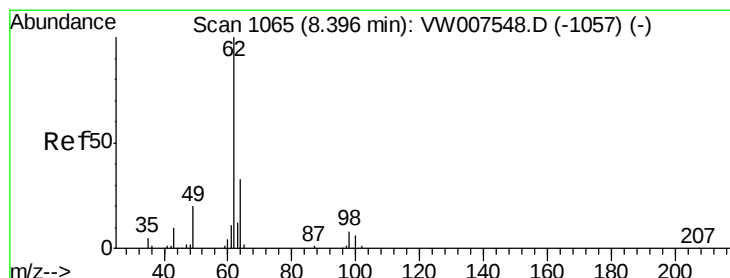
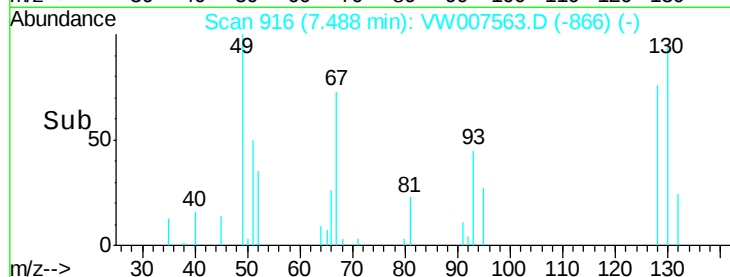
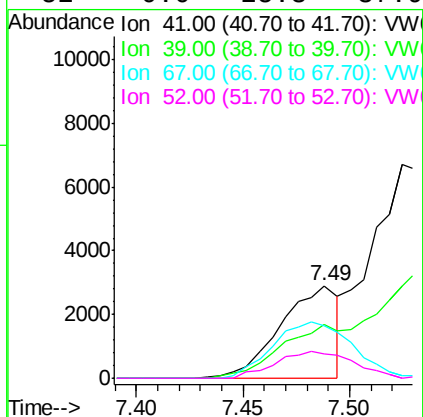
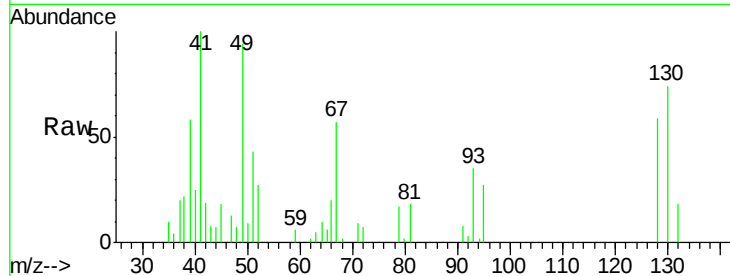
#41
Methacrylonitrile
Concen: 43.136 ug/l m
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 41 Resp: 5558
Ion Ratio Lower Upper
41 100
39 207.5 52.2 78.2#
67 0.0 60.5 90.7#
52 0.0 25.3 37.9#

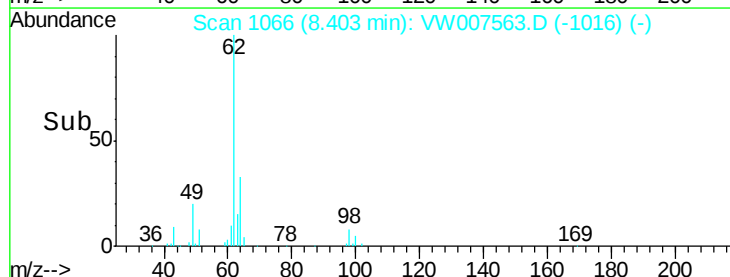
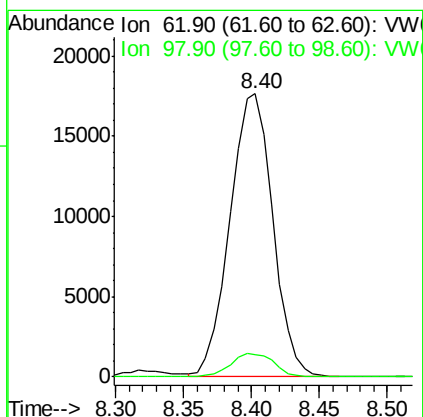
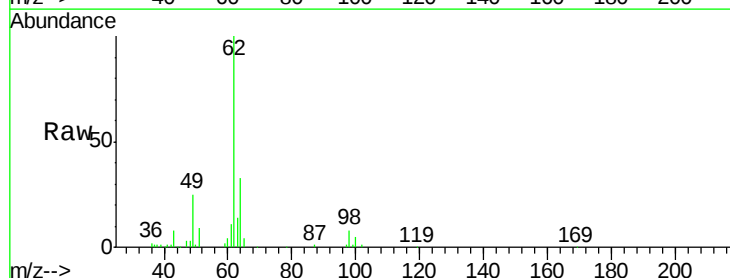
Manual Integrations
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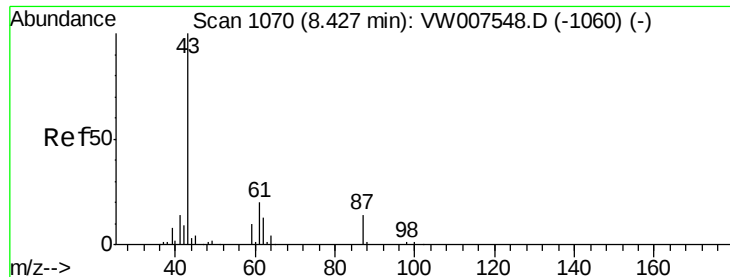
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#42
1,2-Dichloroethane
Concen: 73.194 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 62 Resp: 38817
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 31.304 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

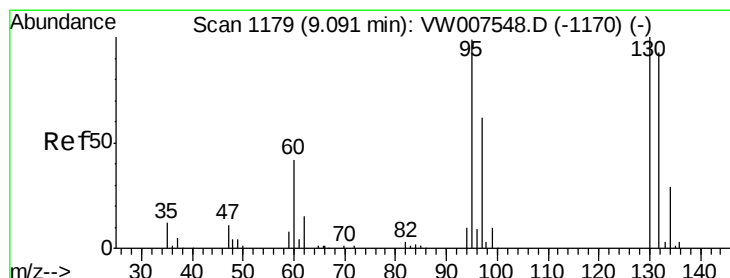
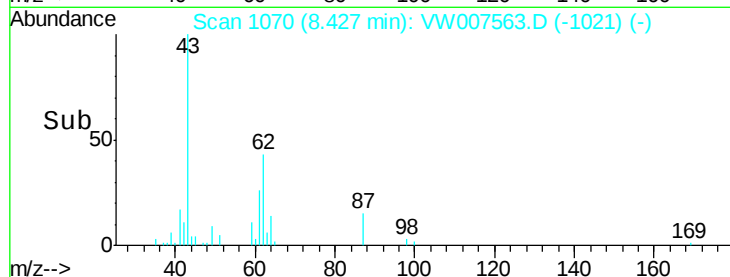
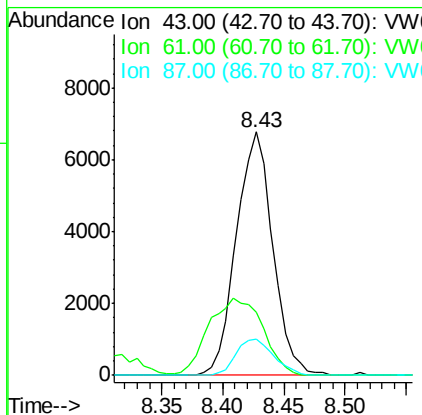
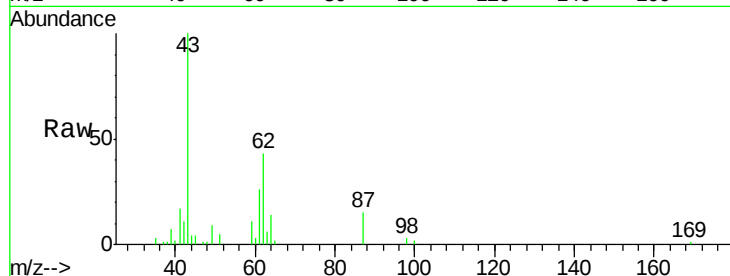
ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion:	43	Resp:	13991
Ion	Ratio	Lower	Upper
43	100		
61	47.2	25.3	37.9#
87	15.4	11.8	17.8

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#44

Trichloroethene

Concen: 42.927 ug/l

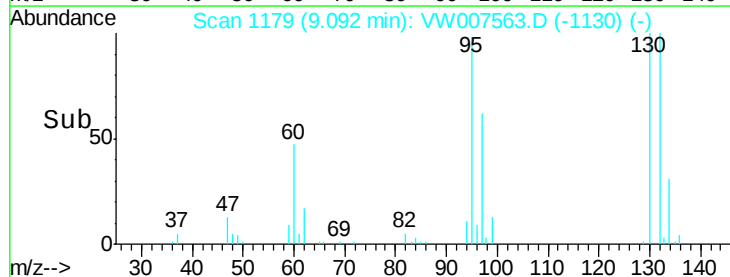
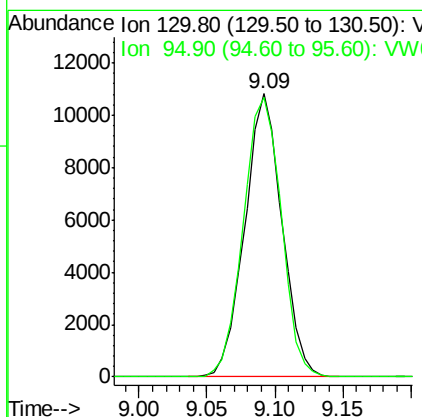
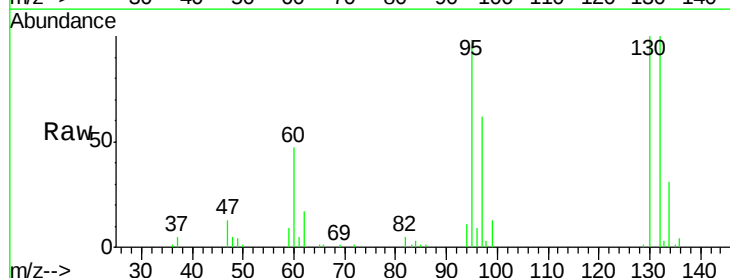
RT: 9.09 min Scan# 1179

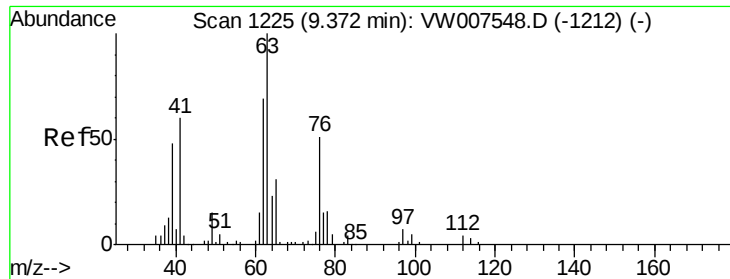
Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion:	130	Resp:	20695
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	193.2





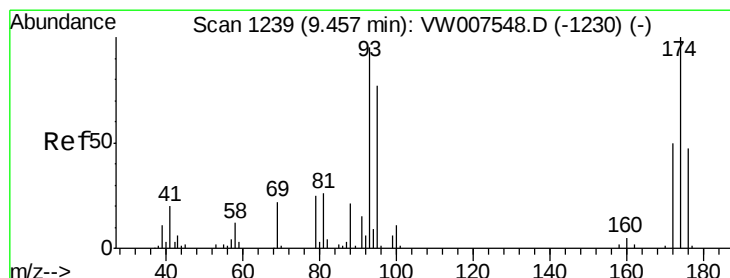
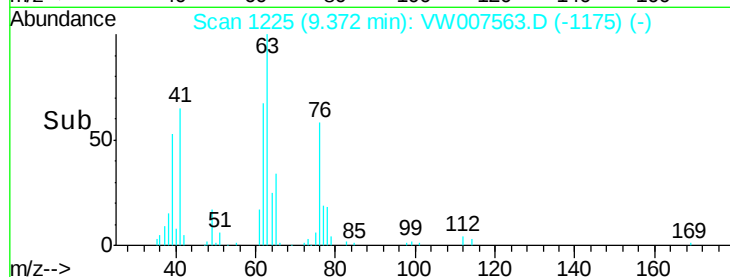
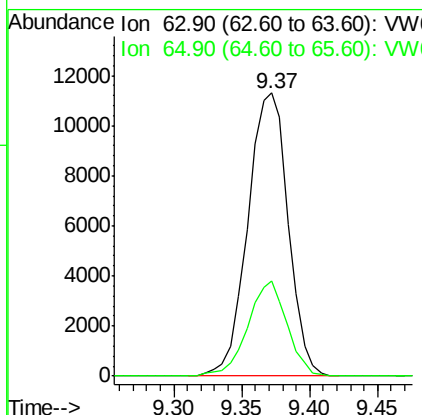
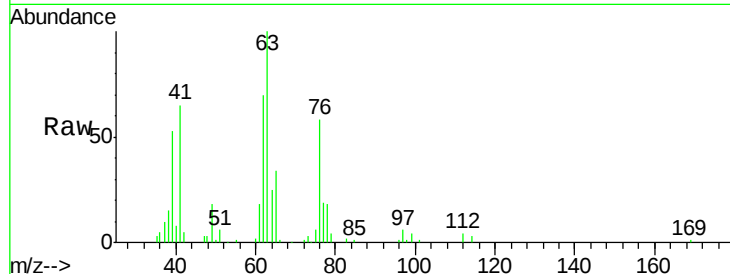
#45
 1,2-Dichloropropane
 Concen: 60.046 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion: 63 Resp: 23459
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.4 36.6

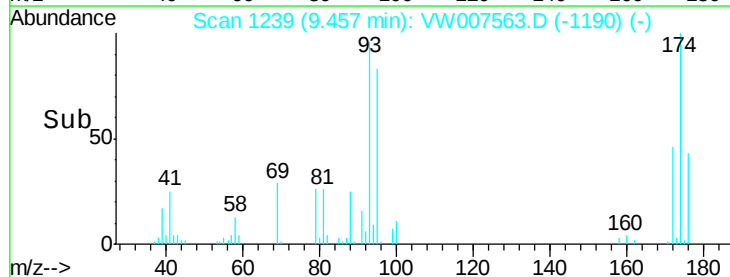
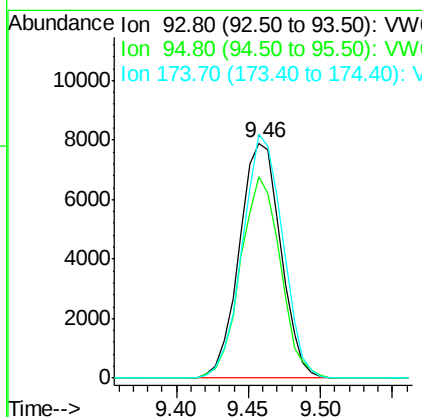
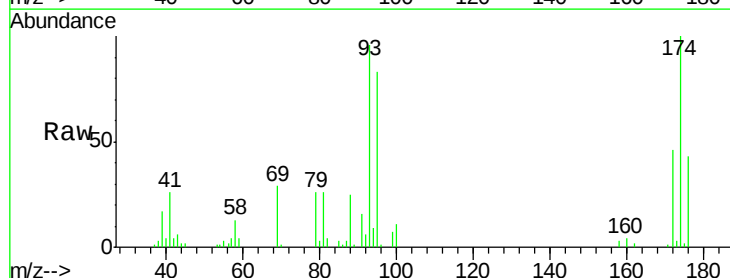
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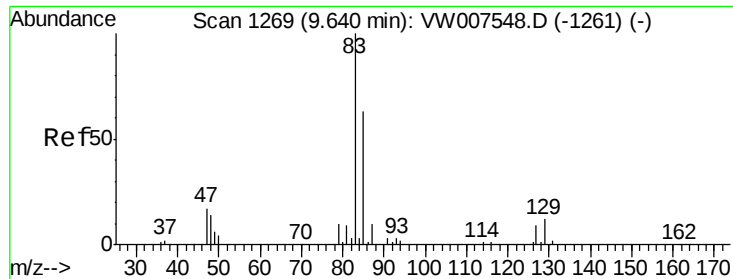
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#46
 Dibromomethane
 Concen: 70.742 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion: 93 Resp: 15695
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.0 102.0
 174 100.9 83.2 124.8





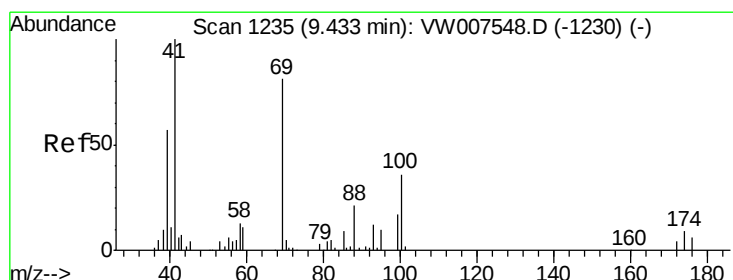
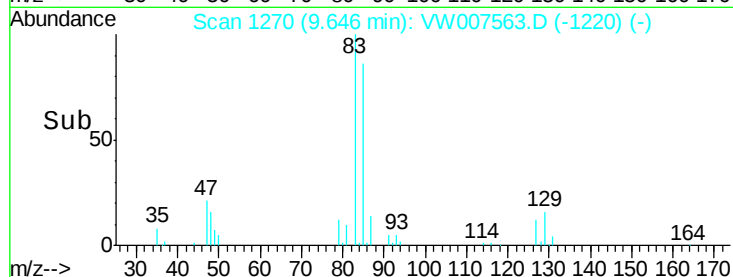
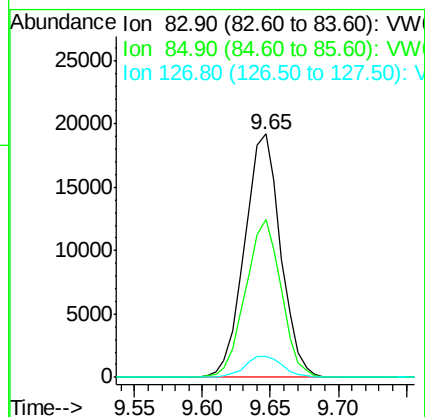
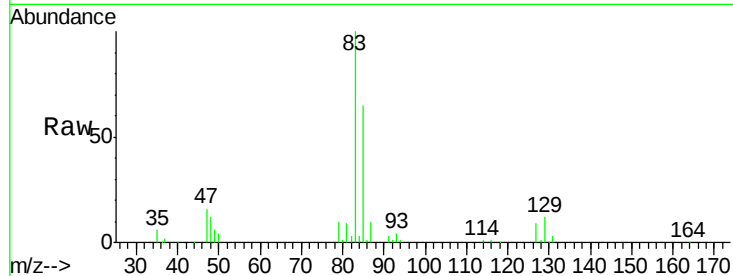
#47
Bromodichloromethane
Concen: 61.256 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.7	47.6	71.4	
127	8.8	6.7	10.1	

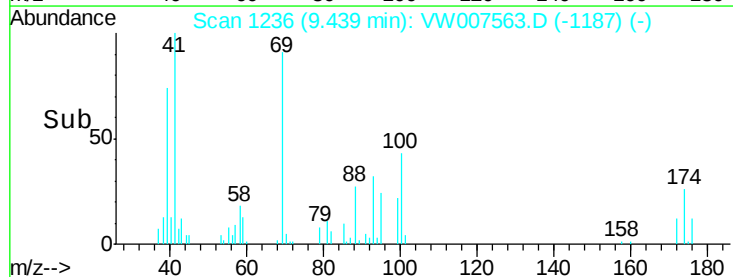
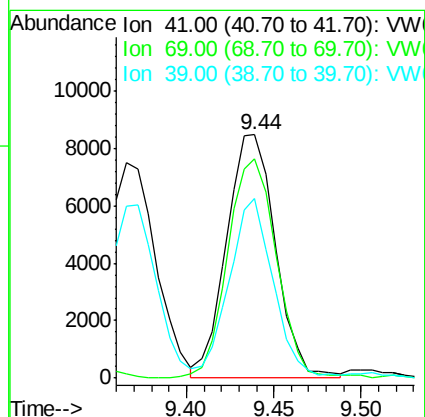
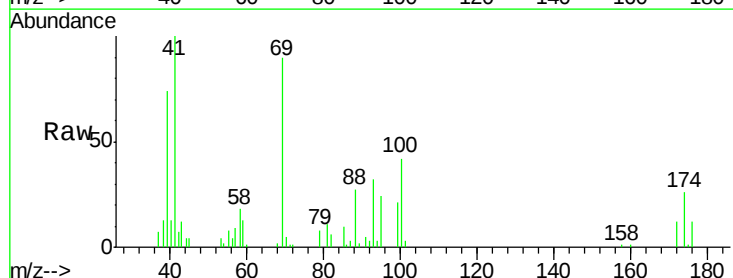
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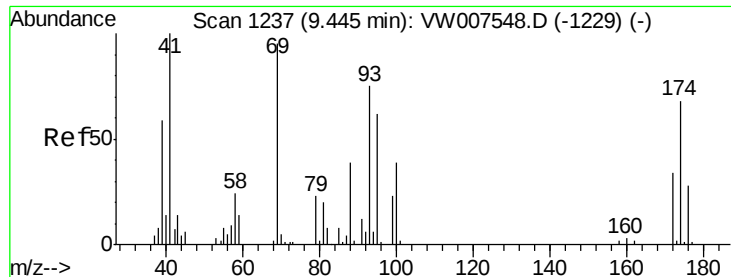
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#48
Methyl methacrylate
Concen: 72.040 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	89.8	69.8	104.8	
39	66.6	50.9	76.3	





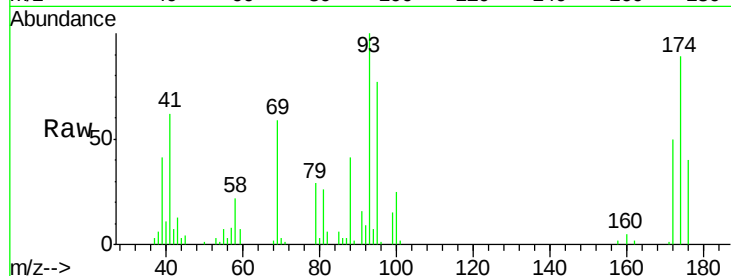
#49
1,4-Dioxane
Concen: 1560.889 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

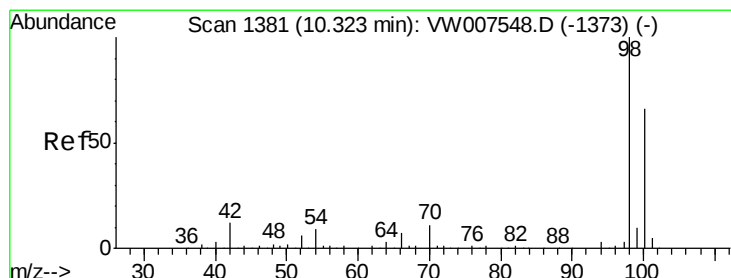
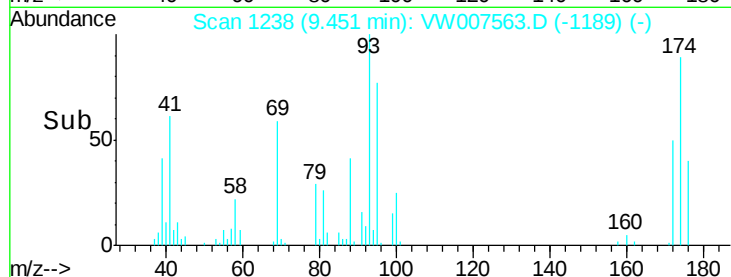
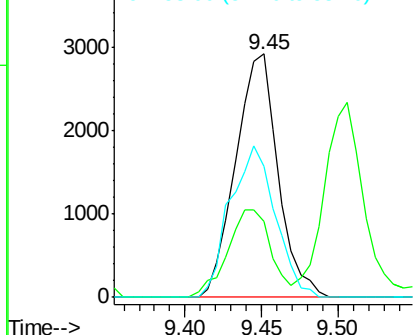
Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.9	25.0	37.4
58	66.1	51.4	77.2

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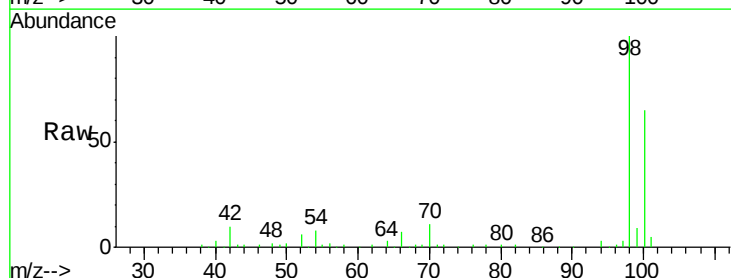


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

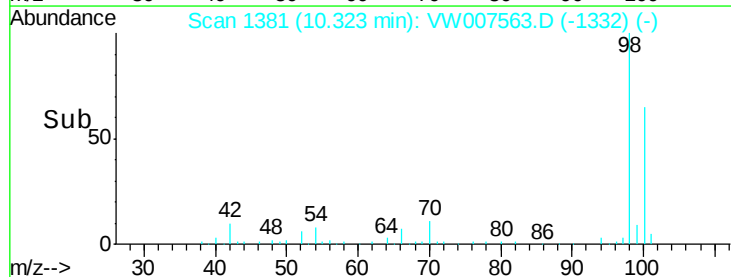
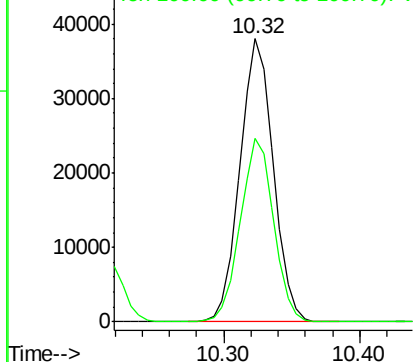


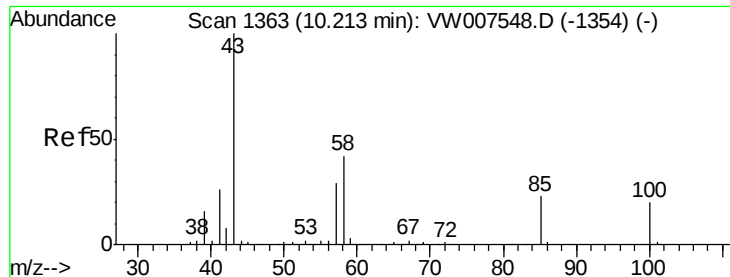
#50
Toluene-d8
Concen: 42.997 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





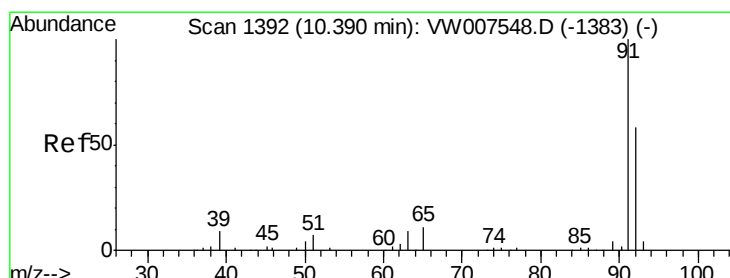
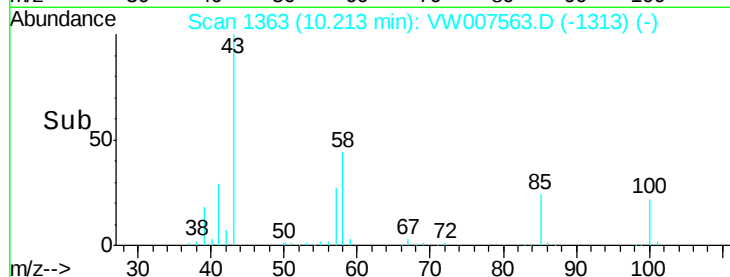
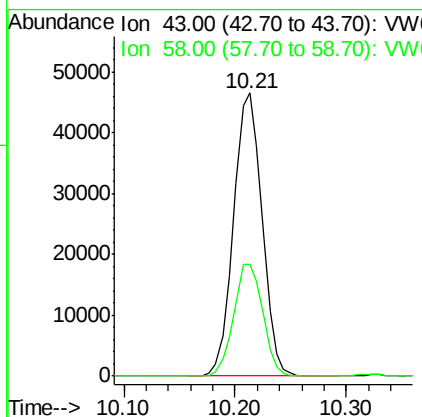
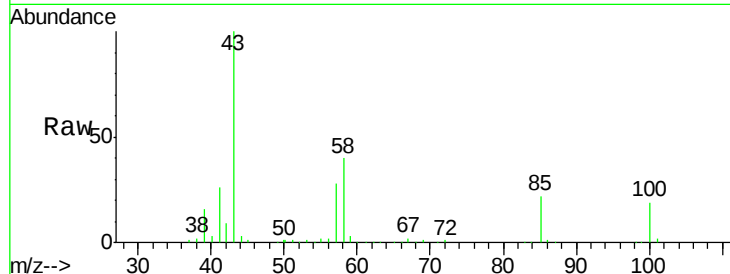
#51
 4-Methyl-2-Pentanone
 Concen: 390.284 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleID :
 P001-SS015-0612-01MS

Tgt Ion: 43 Resp: 82420
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.1 49.7

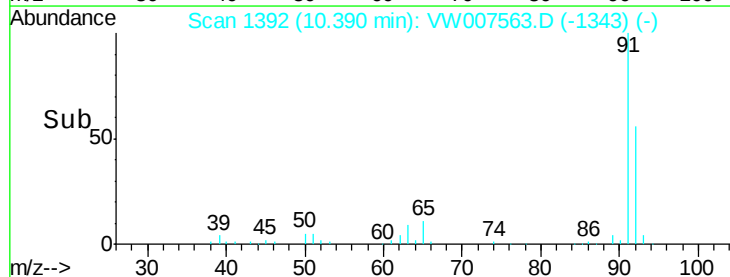
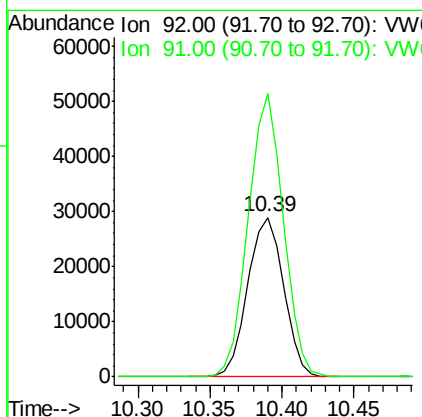
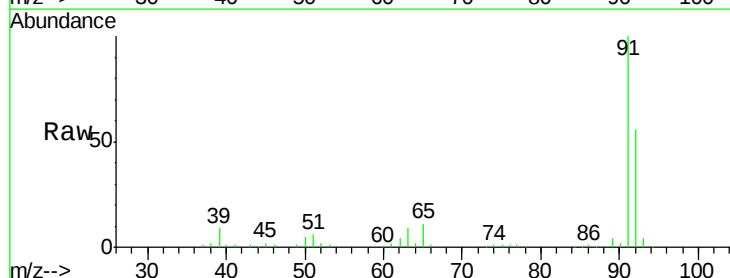
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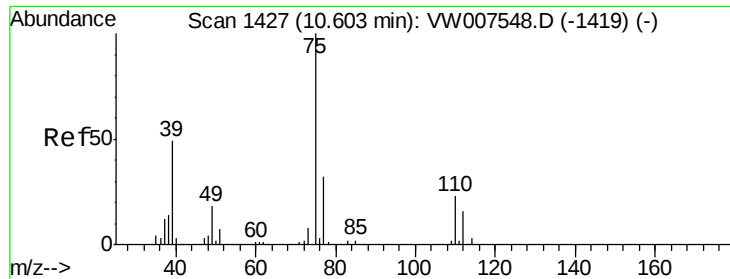
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#52
 Toluene
 Concen: 45.823 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion: 92 Resp: 50064
 Ion Ratio Lower Upper
 92 100
 91 172.8 136.2 204.2





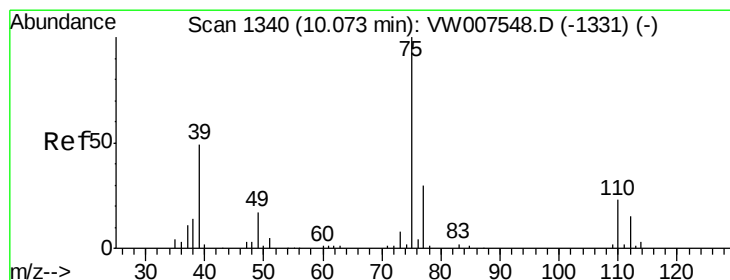
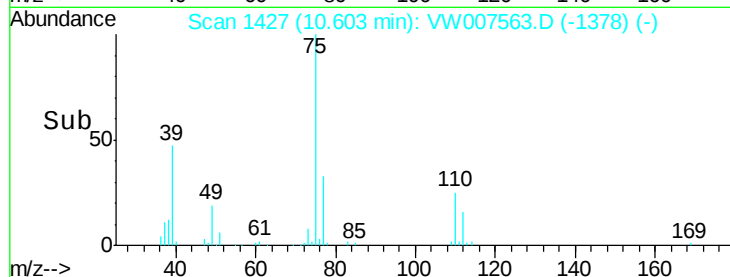
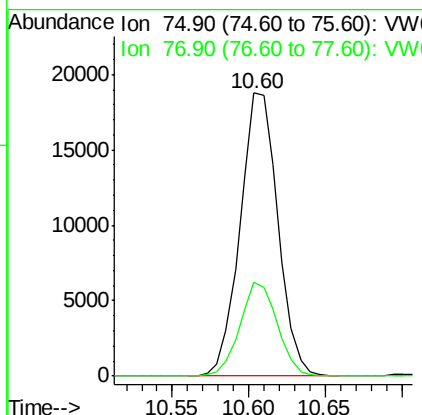
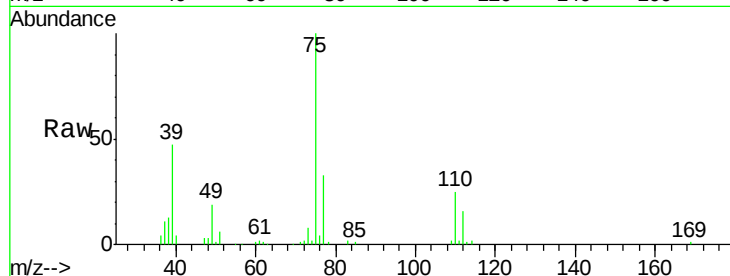
#53
 t-1,3-Dichloropropene
 Concen: 57.010 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion: 75 Resp: 32209
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.2 39.4

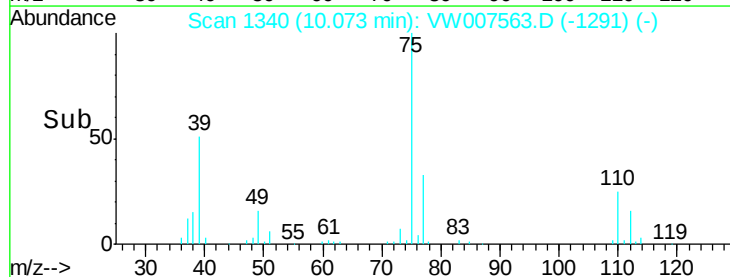
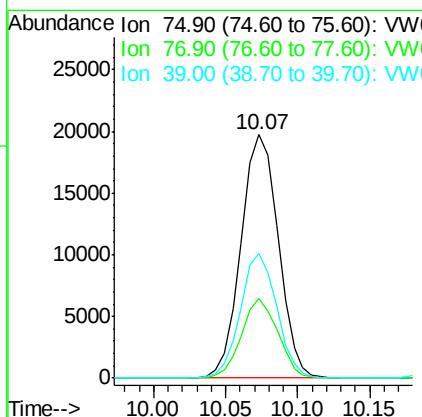
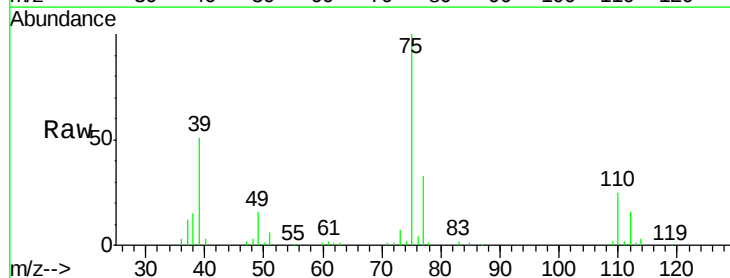
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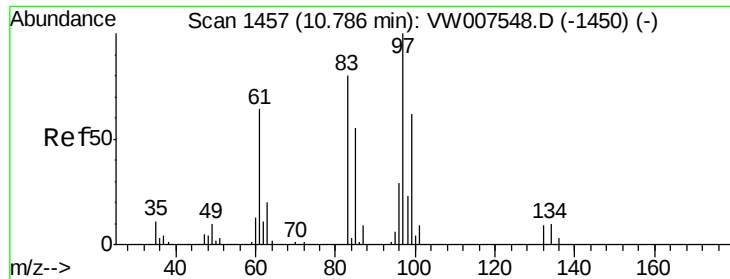
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#54
 cis-1,3-Dichloropropene
 Concen: 54.284 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion: 75 Resp: 35454
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.8 37.2
 39 51.0 40.9 61.3





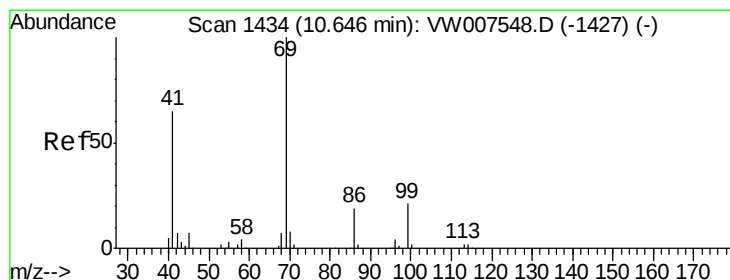
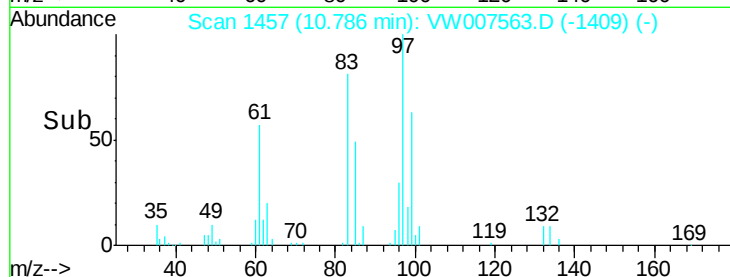
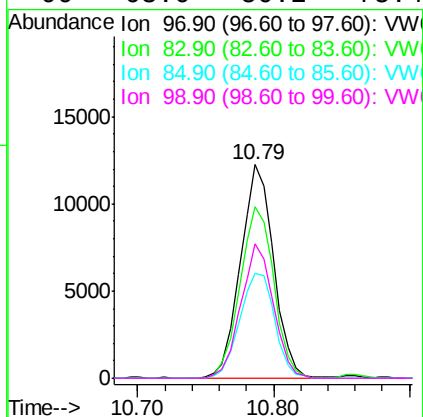
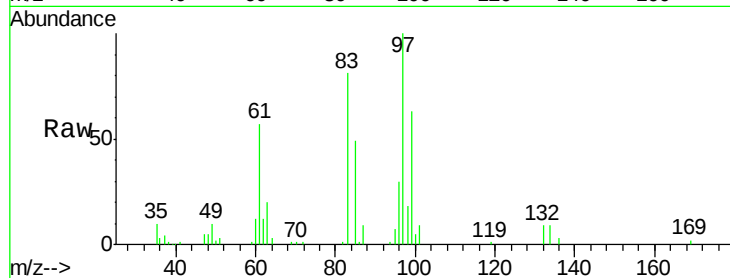
#55
 1,1,2-Trichloroethane
 Concen: 69.076 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	20858		
83	80.5	62.1	93.1	
85	49.3	44.2	66.4	
99	63.0	50.2	75.4	

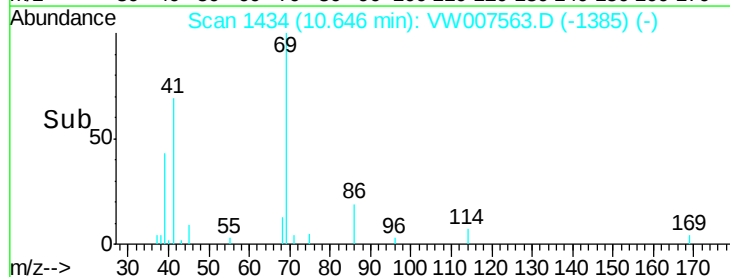
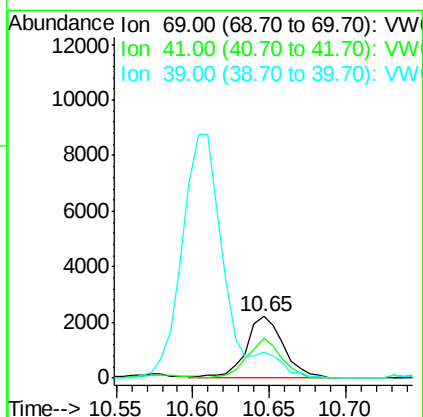
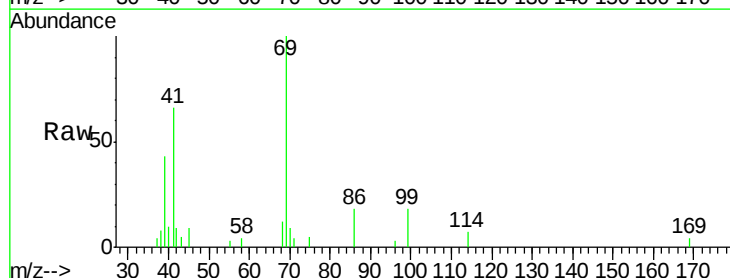
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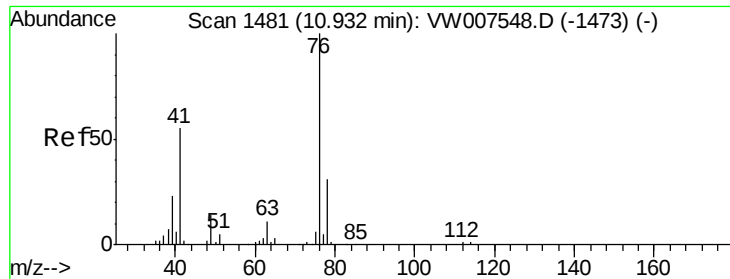
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#56
 Ethyl methacrylate
 Concen: 10.401 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	3775		
41	59.2	51.0	76.6	
39	0.0	30.8	46.2#	





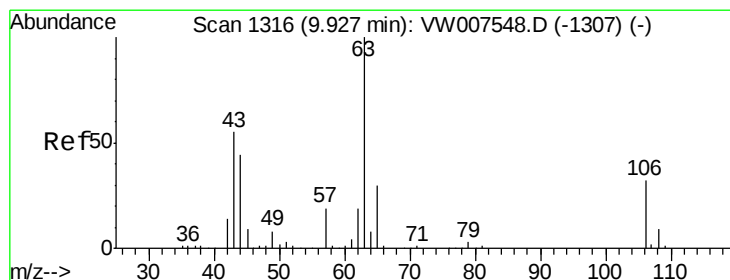
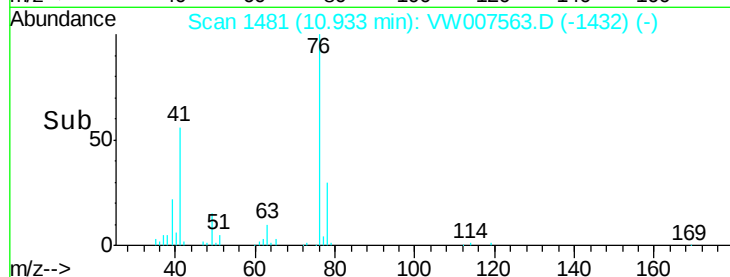
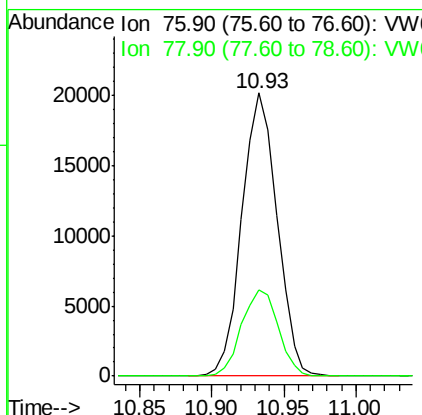
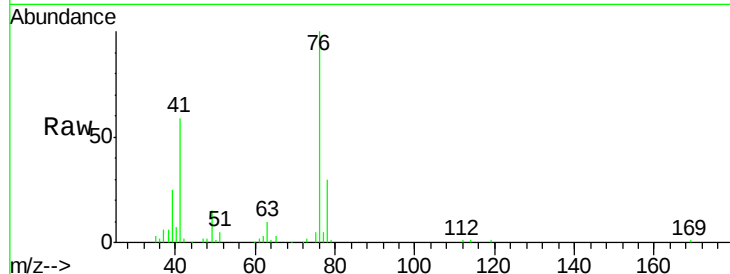
#57
 1,3-Dichloropropane
 Concen: 69.001 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion: 76 Resp: 34198
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.2 39.4

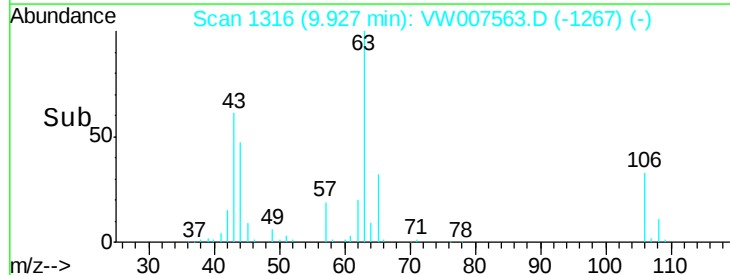
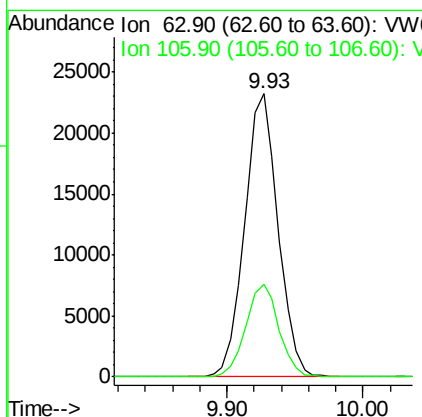
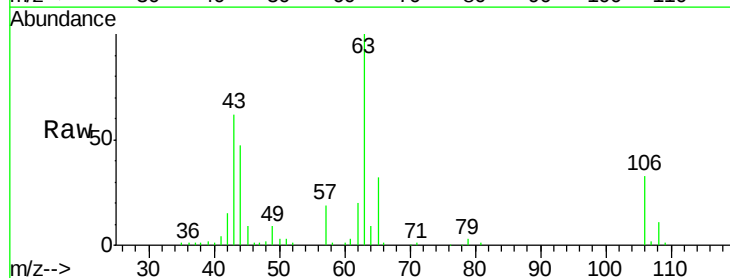
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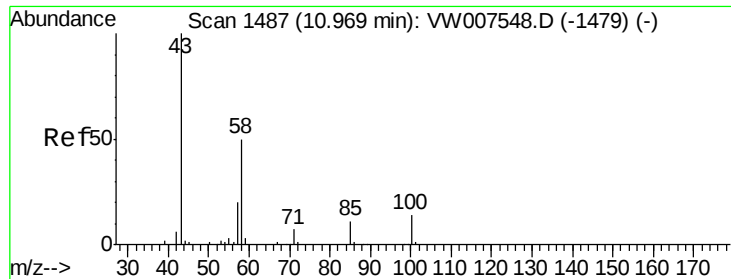
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#58
 2-Chloroethyl Vinyl ether
 Concen: 237.978 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion: 63 Resp: 39830
 Ion Ratio Lower Upper
 63 100
 106 32.5 25.0 37.6





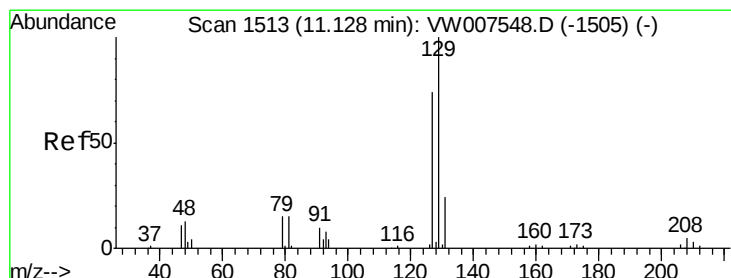
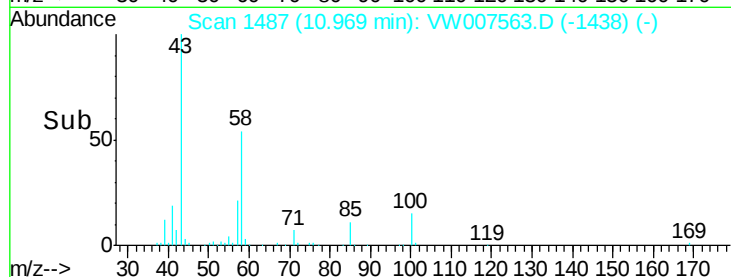
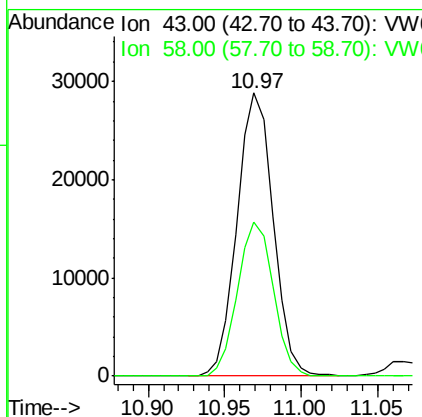
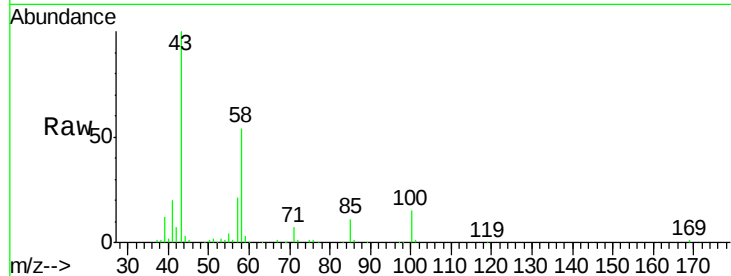
#59
2-Hexanone
Concen: 336.287 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 43 Resp: 47354
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

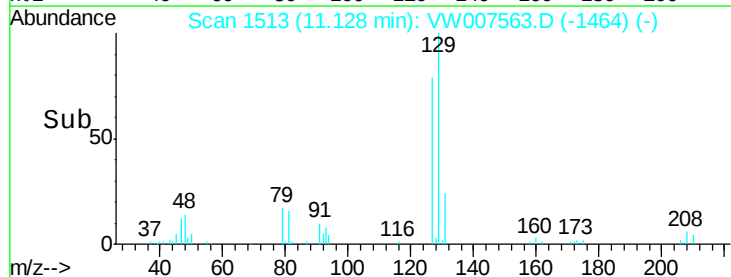
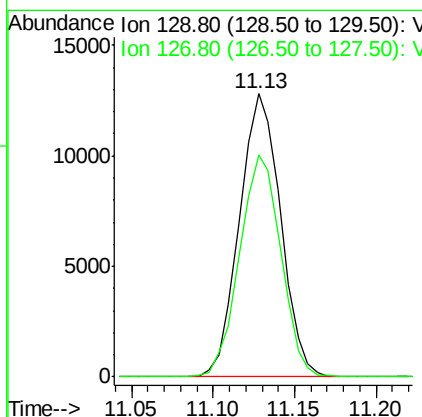
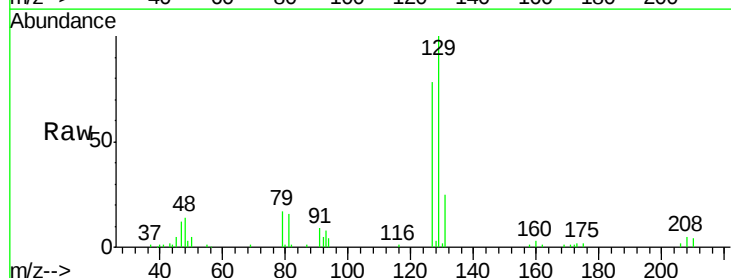
Manual Integrations
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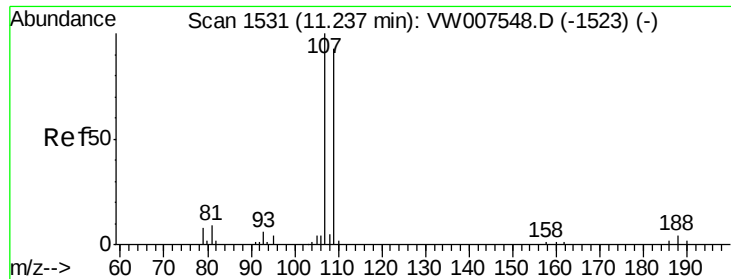
apatel
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#60
Dibromochloromethane
Concen: 59.034 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 129 Resp: 22496
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.3





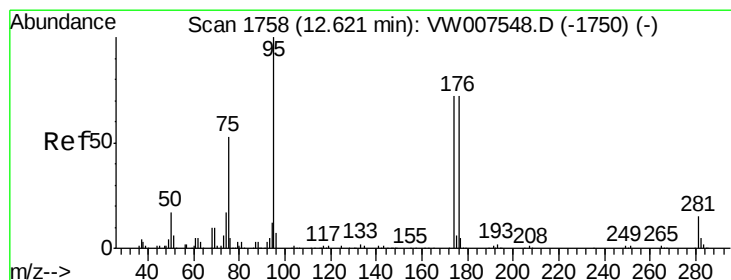
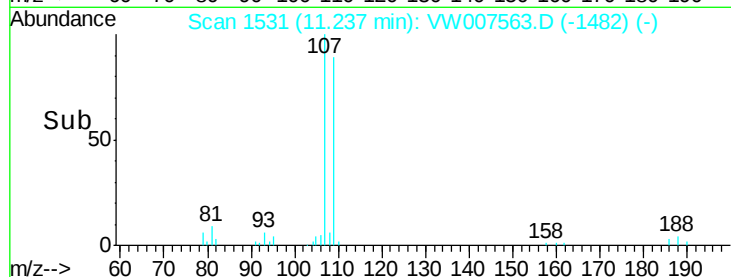
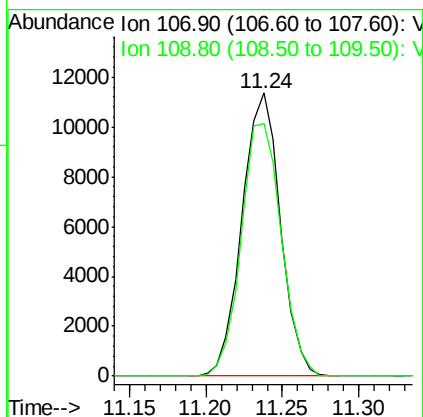
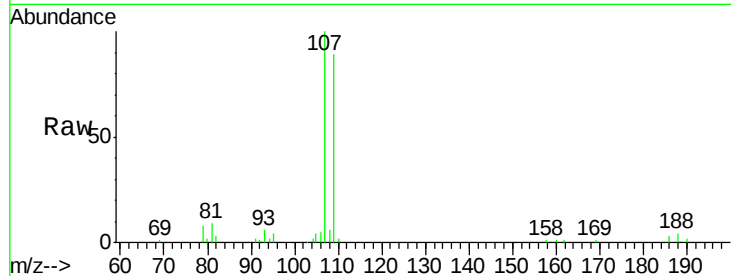
#61
 1,2-Dibromoethane
 Concen: 66.350 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion: 107 Resp: 19799
 Ion Ratio Lower Upper
 107 100
 109 93.3 79.1 118.7

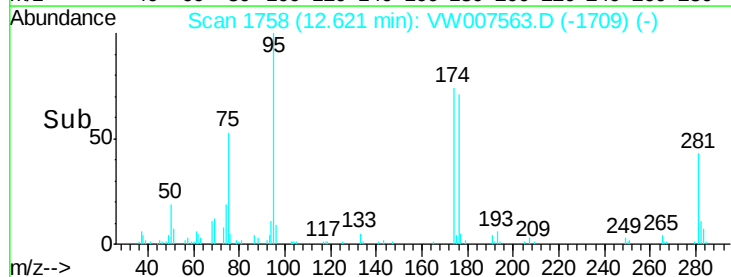
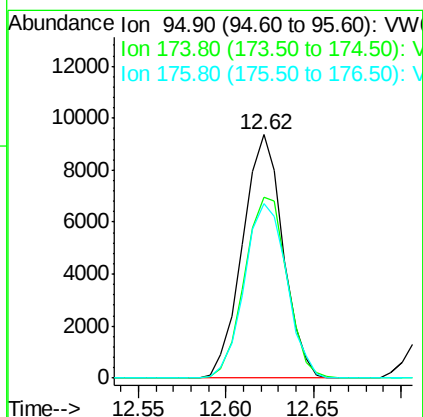
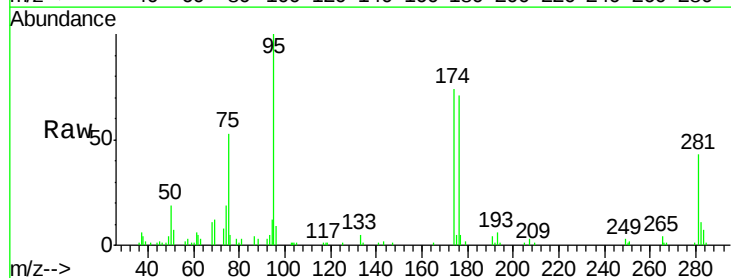
Manual Integrations
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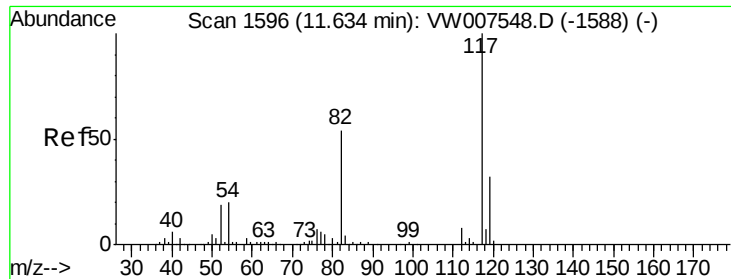
apatel
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#62
 4-Bromofluorobenzene
 Concen: 27.028 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion: 95 Resp: 15041
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 147.2
 176 75.0 0.0 138.8





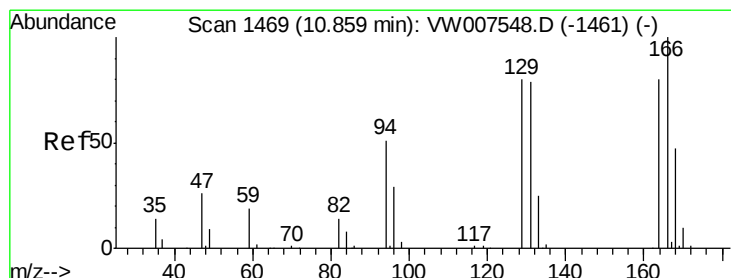
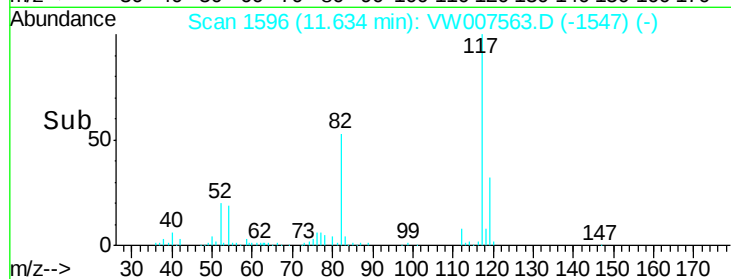
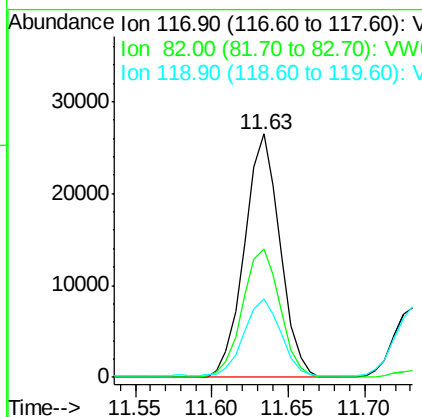
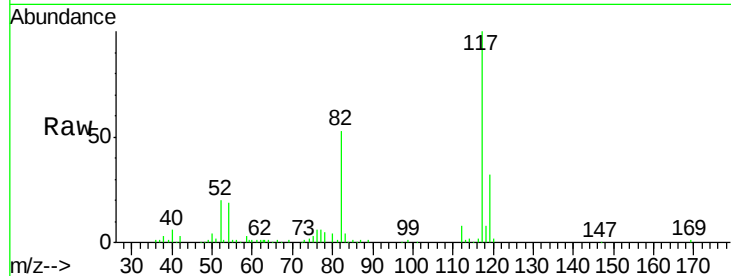
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.3	63.5
119	31.5	23.0	34.6

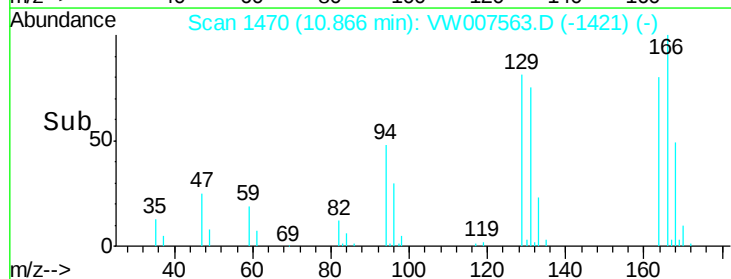
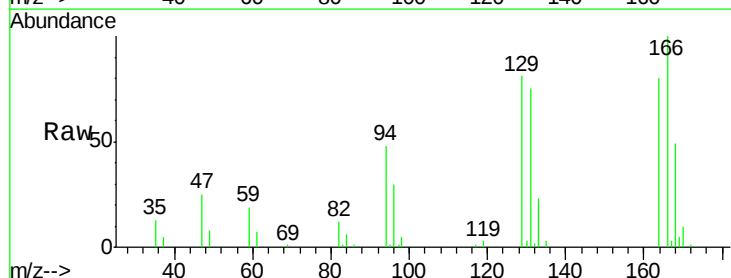
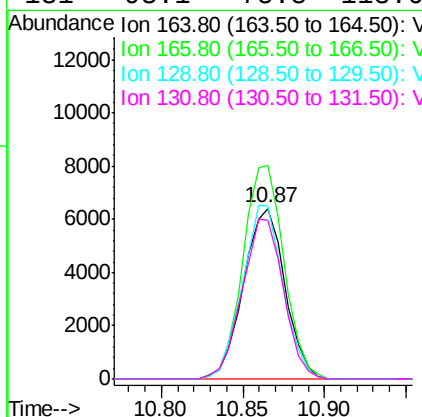
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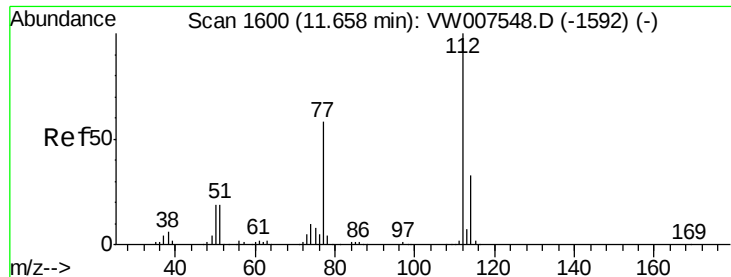
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#64
Tetrachloroethene
Concen: 36.772 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	107.9	161.9
129	100.8	73.4	110.2
131	93.1	75.8	113.6





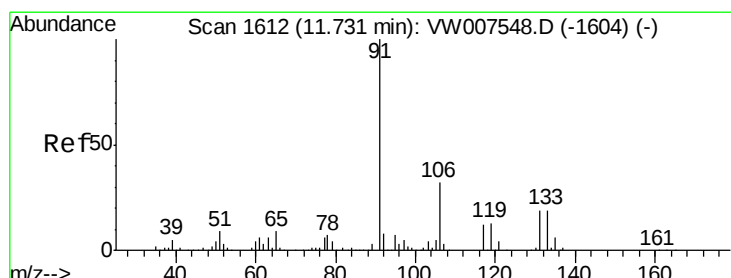
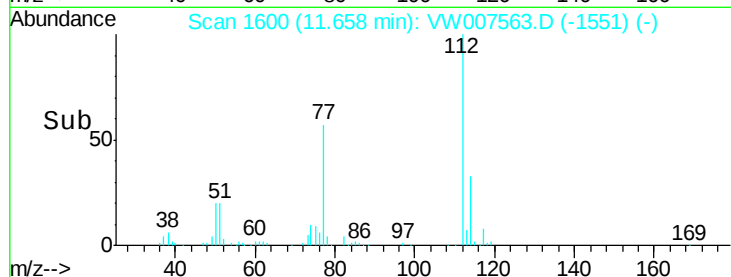
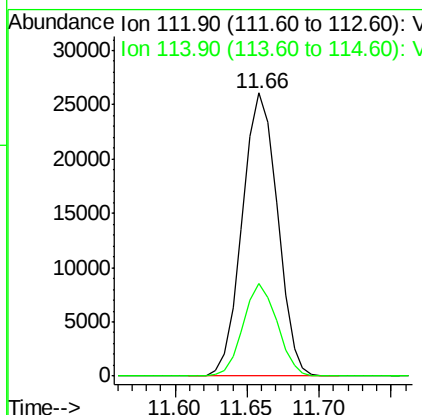
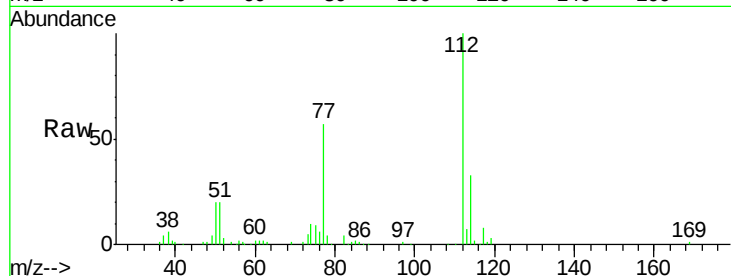
#65
Chlorobenzene
Concen: 49.590 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion:112 Resp: 44243
Ion Ratio Lower Upper
112 100
114 32.8 27.8 41.8

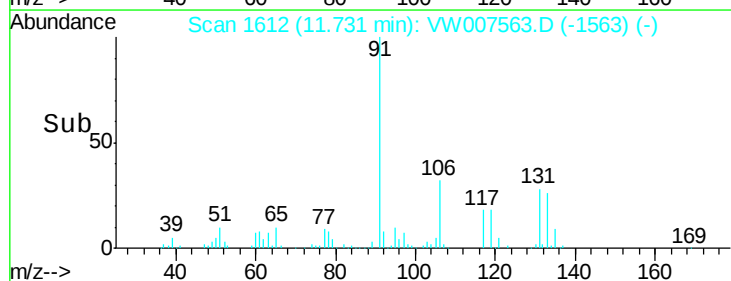
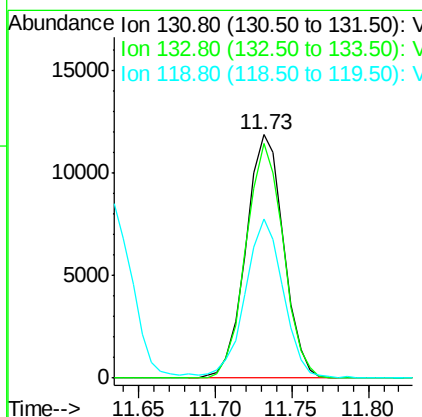
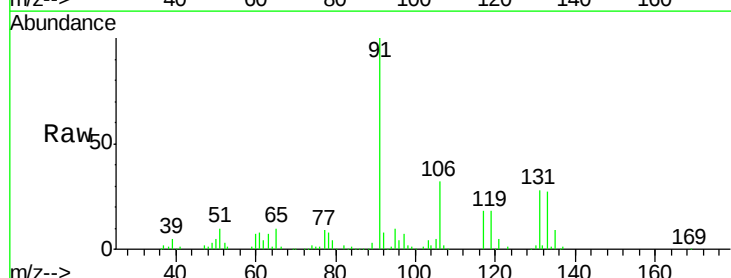
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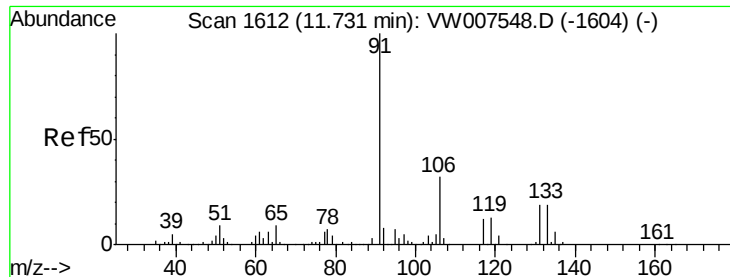
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#66
1,1,1,2-Tetrachloroethane
Concen: 64.766 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion:131 Resp: 20351
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 66.2 31.3 93.9





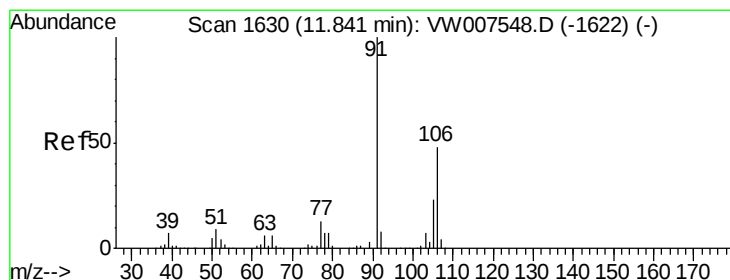
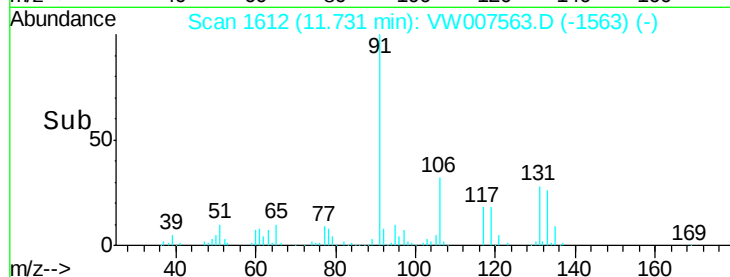
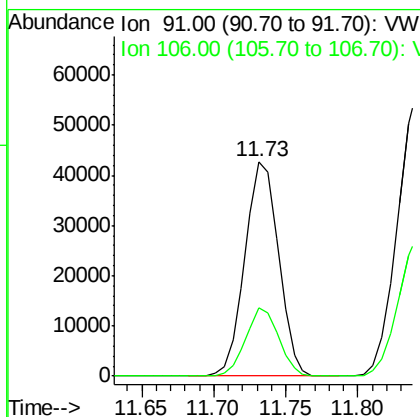
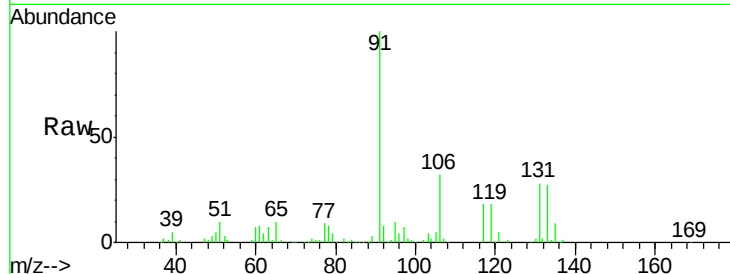
#67
Ethyl Benzene
Concen: 45.234 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 91 Resp: 69384
Ion Ratio Lower Upper
91 100
106 31.9 21.8 32.8

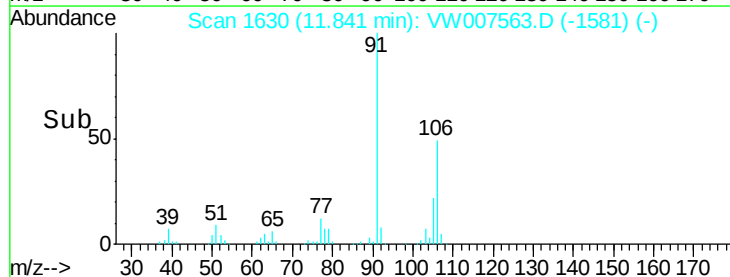
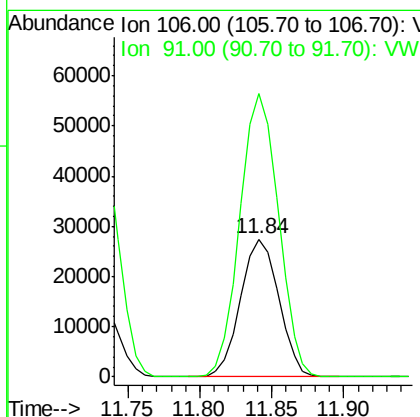
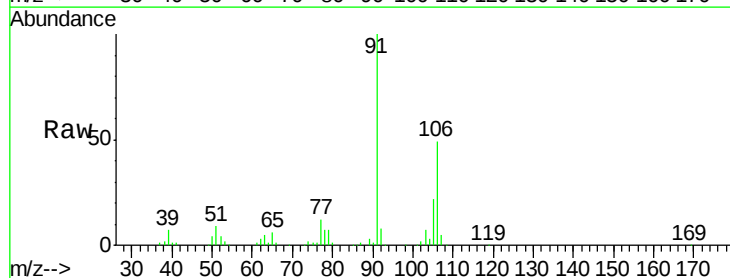
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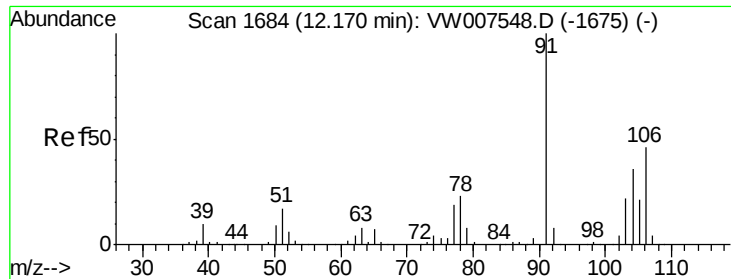
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#68
m/p-Xylenes
Concen: 85.244 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 106 Resp: 50832
Ion Ratio Lower Upper
106 100
91 206.7 165.3 247.9





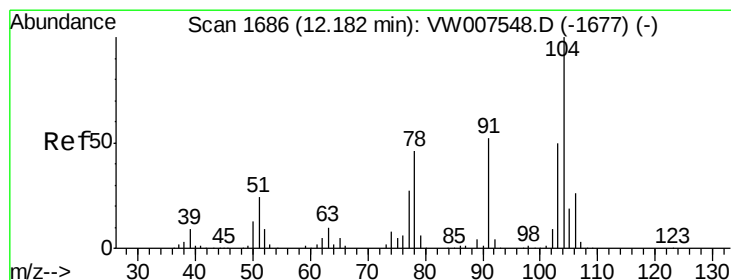
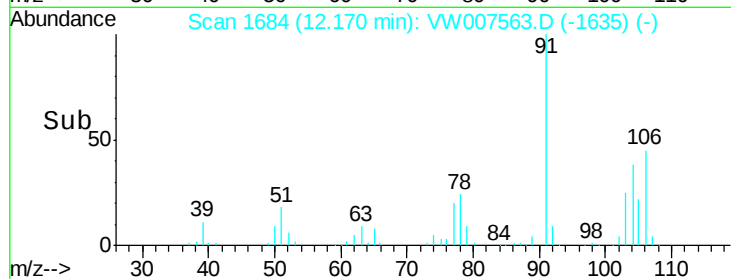
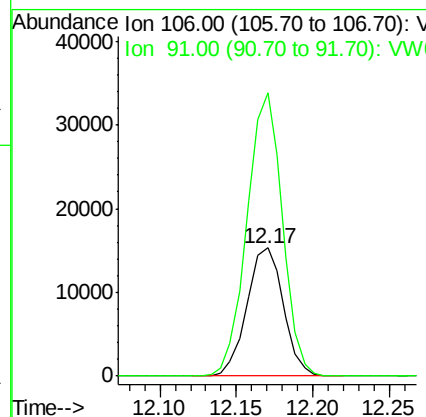
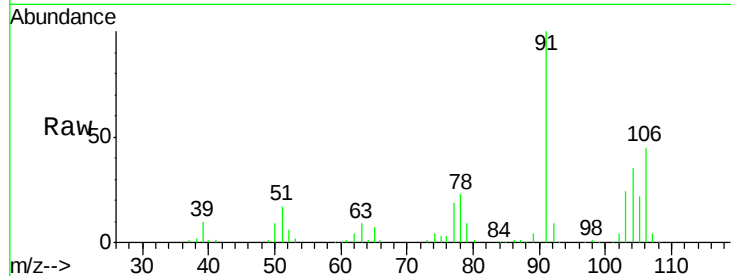
#69
o-Xylene
Concen: 45.723 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion:106 Resp: 25464
Ion Ratio Lower Upper
106 100
91 213.3 106.6 319.8

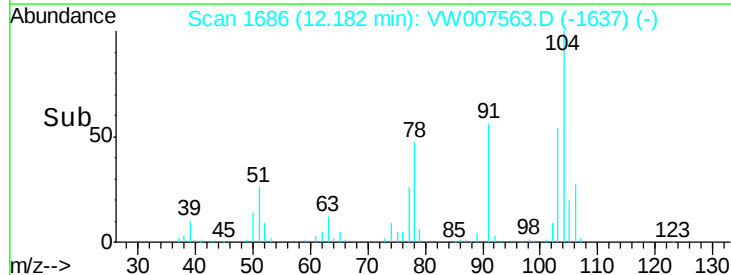
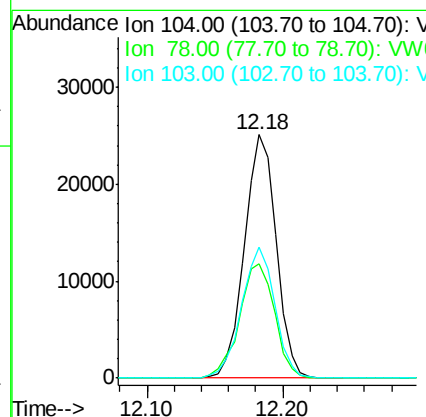
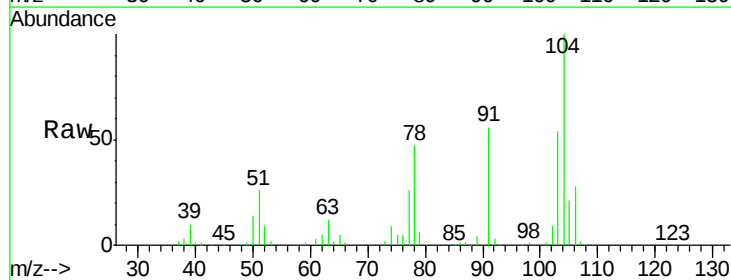
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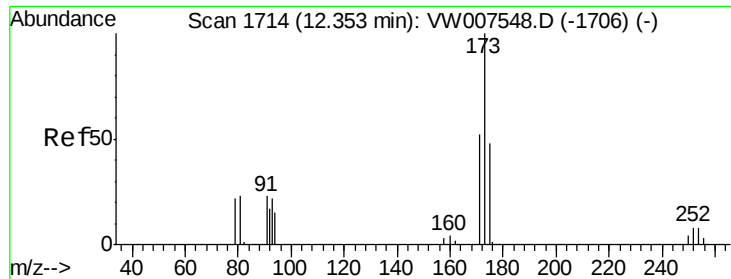
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#70
Styrene
Concen: 45.763 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion:104 Resp: 41165
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 56.1 46.6 69.8





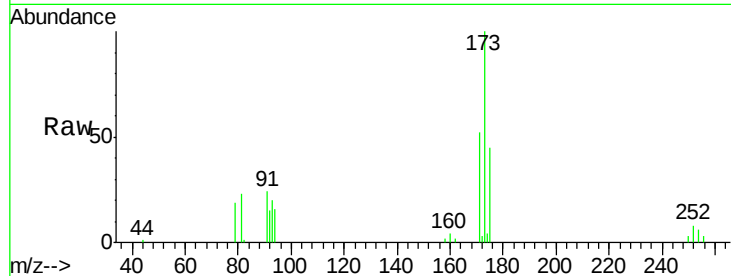
#71
Bromoform
Concen: 71.770 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

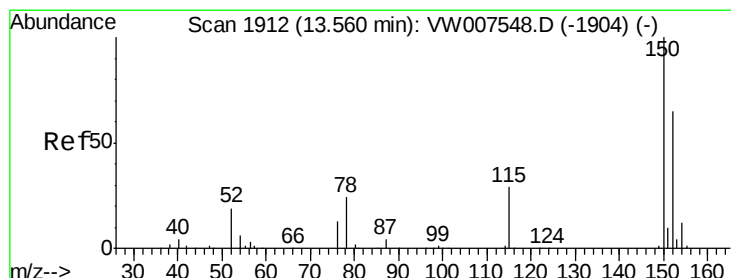
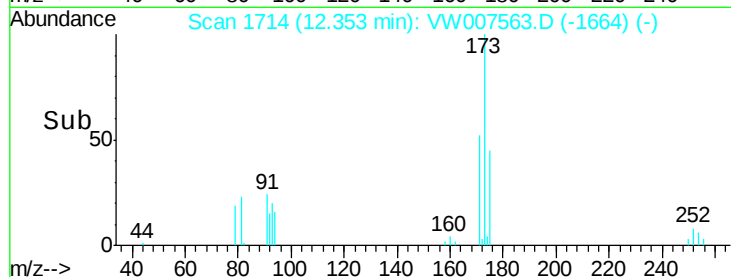
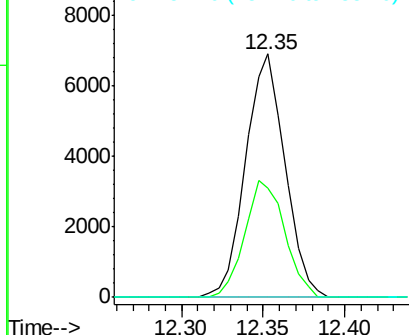
Tgt Ion:173 Resp: 11543
Ion Ratio Lower Upper
173 100
175 48.7 23.6 70.8
254 0.0 0.0 0.0

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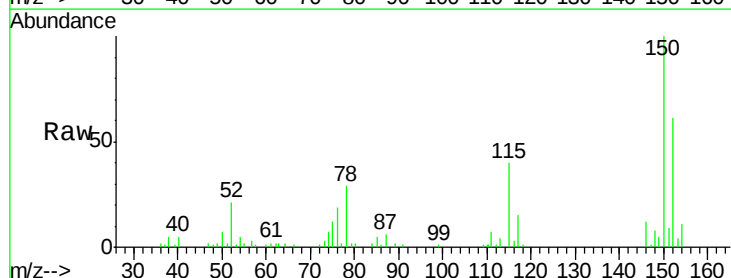


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

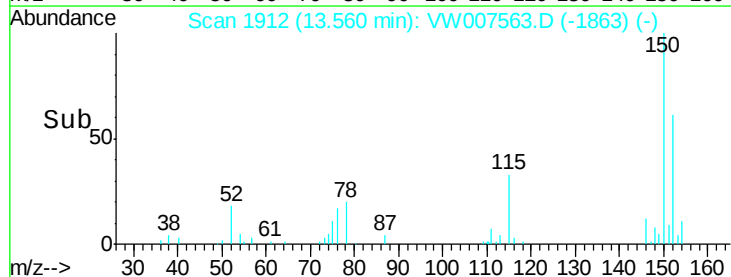
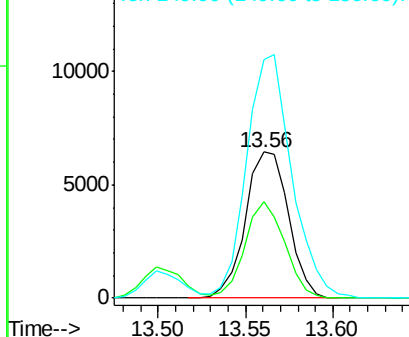


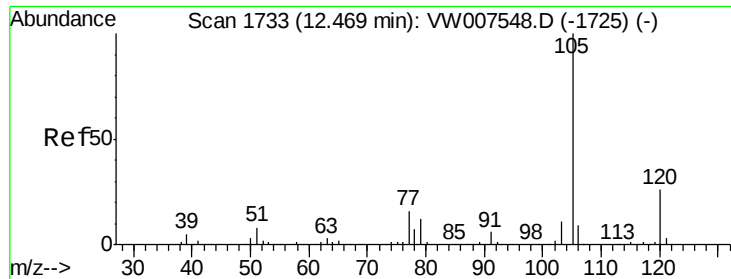
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion:152 Resp: 10994
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 175.2 0.0 358.4



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





#73

Isopropylbenzene

Concen: 58.925 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 105 Resp: 49639

Ion Ratio Lower Upper

105 100

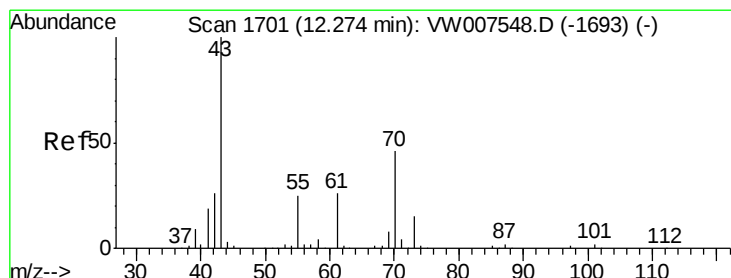
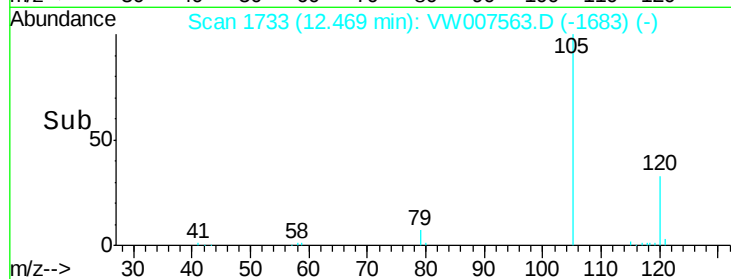
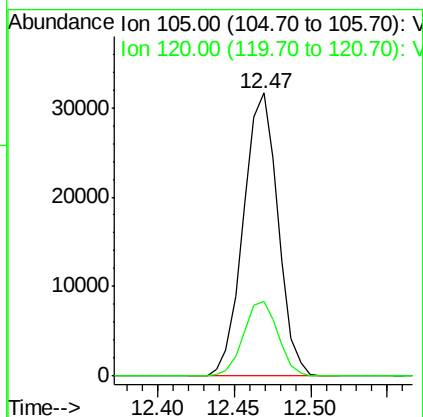
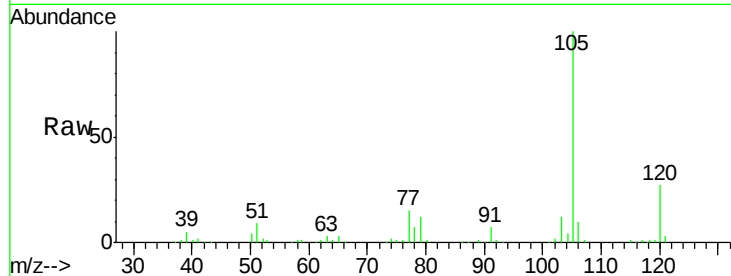
120 26.3 12.8 38.4

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#74

N-ethyl acetate

Concen: 7.753 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion: 43 Resp: 1187

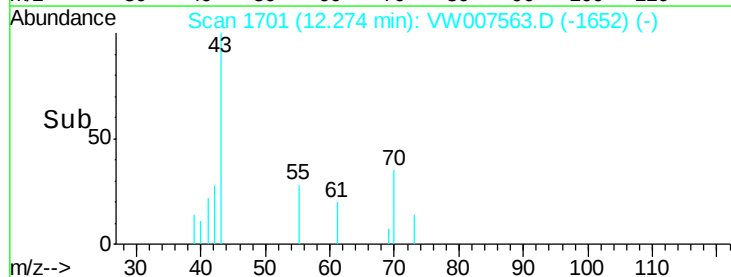
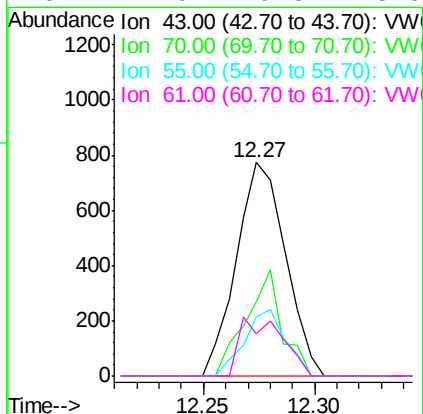
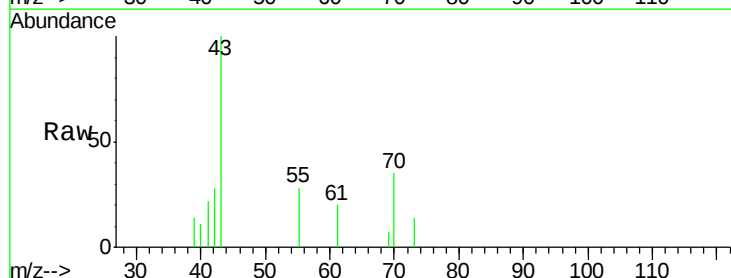
Ion Ratio Lower Upper

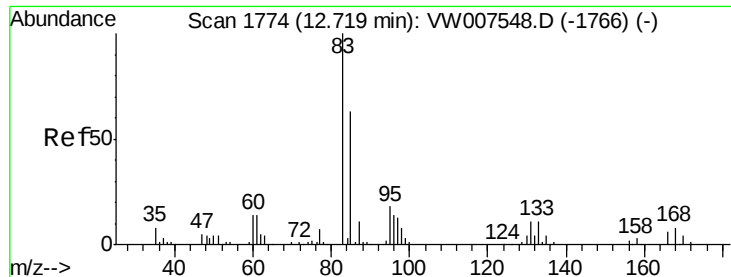
43 100

70 36.5 36.5 54.7#

55 26.0 20.1 30.1

61 24.0 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 139.113 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

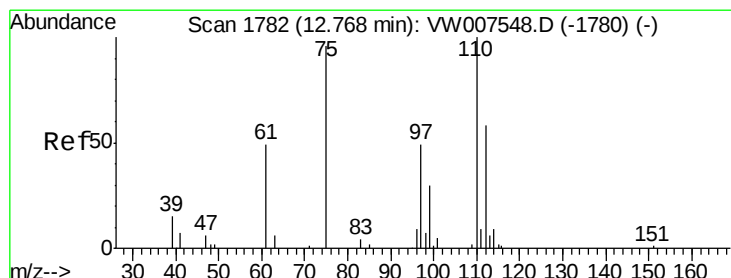
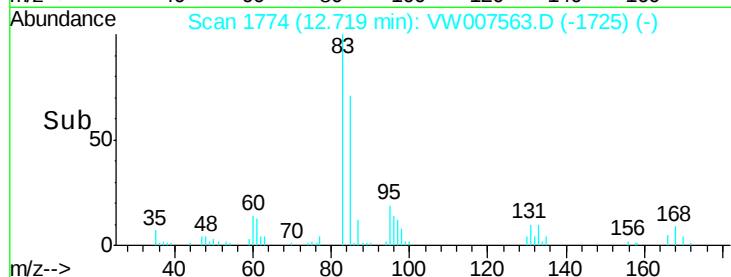
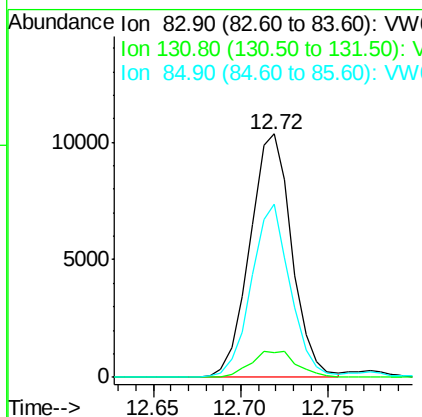
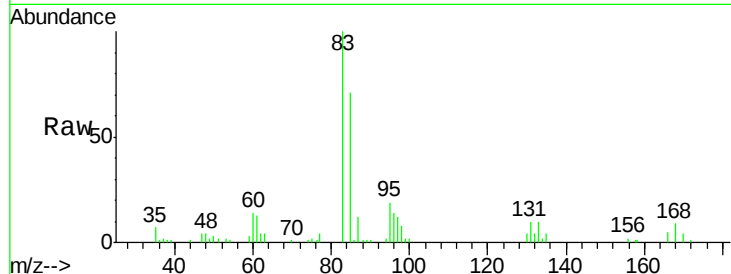
ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion:	83	Resp:	17357
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.8
85	66.2	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 164.382 ug/l m

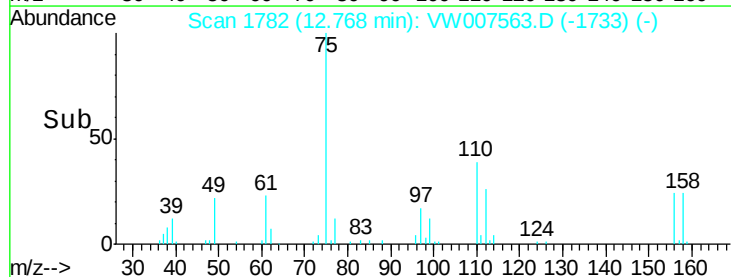
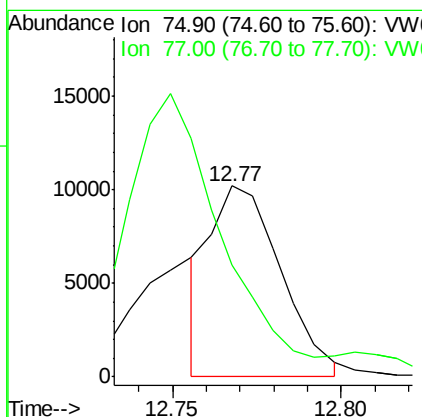
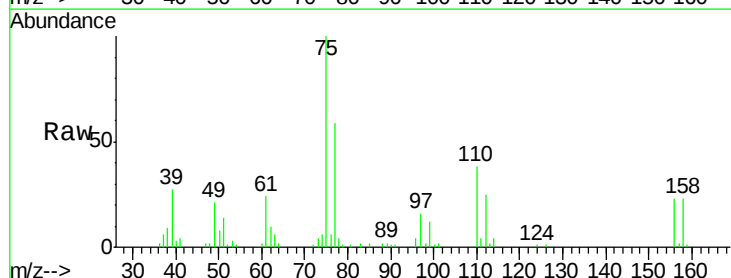
RT: 12.77 min Scan# 1782

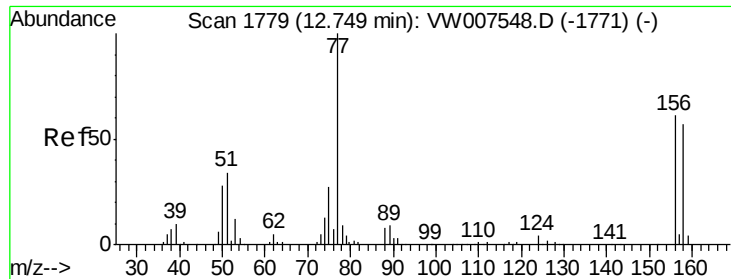
Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion:	75	Resp:	14901
Ion Ratio	Lower	Upper	
75	100		
77	203.4	166.9	500.8





#77

Bromobenzene

Concen: 79.281 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Instrument :

MSVOA_W

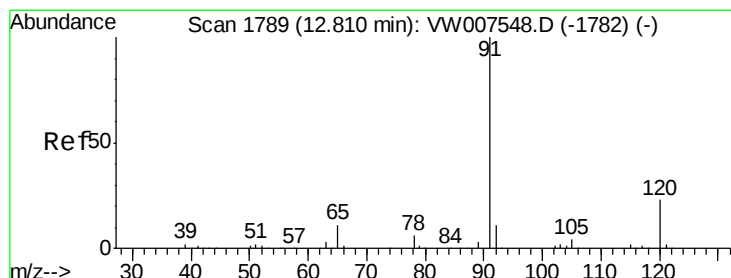
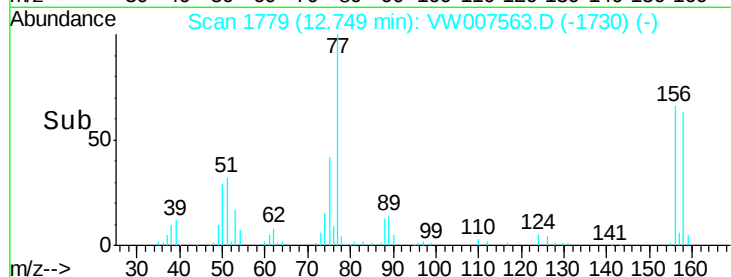
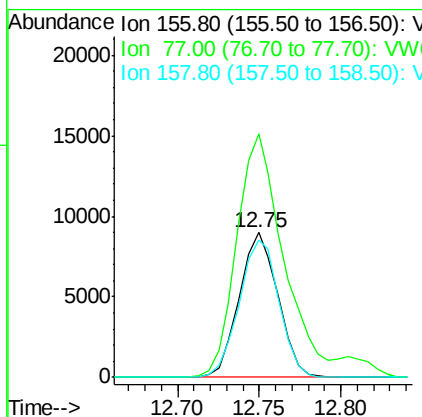
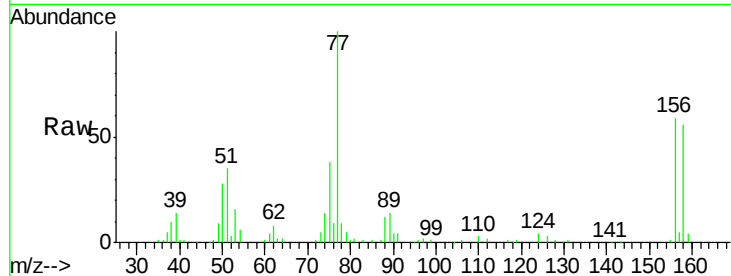
ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion:	156	Resp:	14804
Ion Ratio	Lower	Upper	
156	100		
77	204.7	88.1	264.4
158	97.5	45.6	136.7

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#78

n-propylbenzene

Concen: 50.010 ug/l

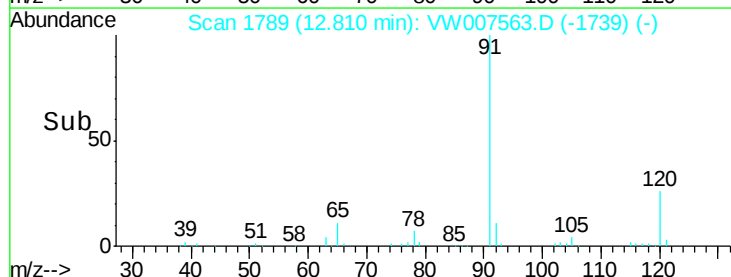
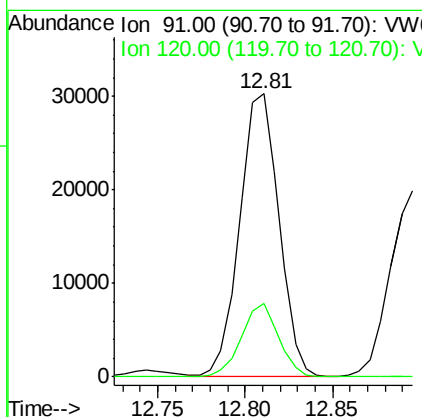
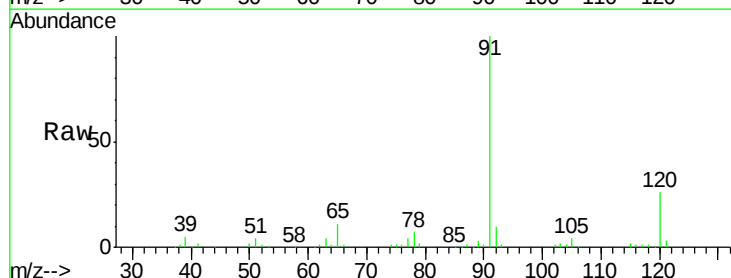
RT: 12.81 min Scan# 1789

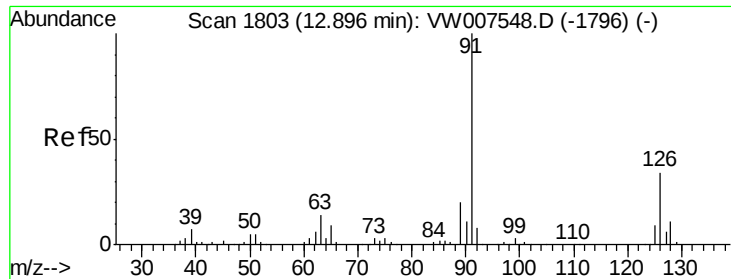
Delta R.T. 0.01 min

Lab File: VW007563.D

Acq: 15 Dec 2018 05:23

Tgt Ion:	91	Resp:	47412
Ion Ratio	Lower	Upper	
91	100		
120	24.4	11.9	35.5





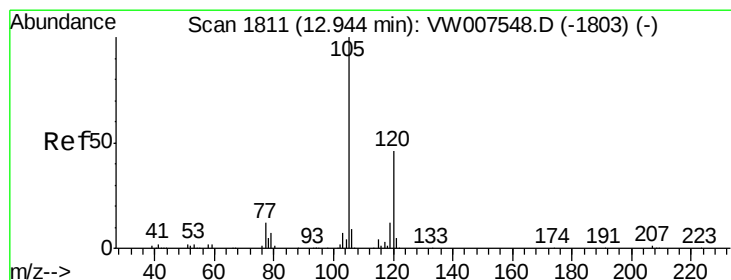
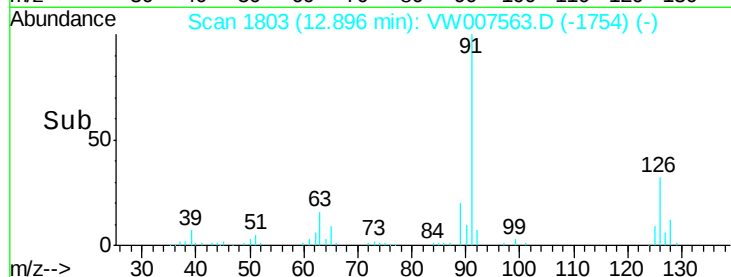
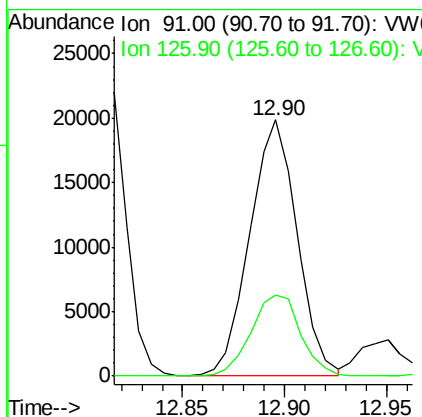
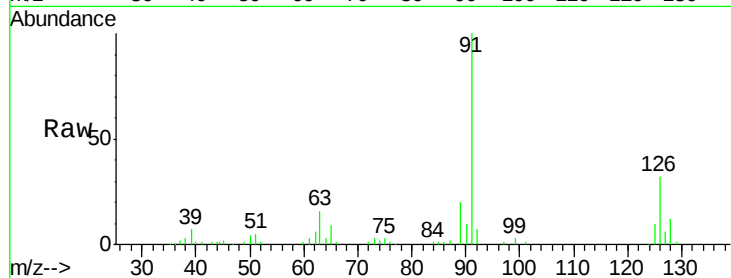
#79
 2-Chlorotoluene
 Concen: 56.127 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion: 91 Resp: 32197
 Ion Ratio Lower Upper
 91 100
 126 33.2 15.9 47.6

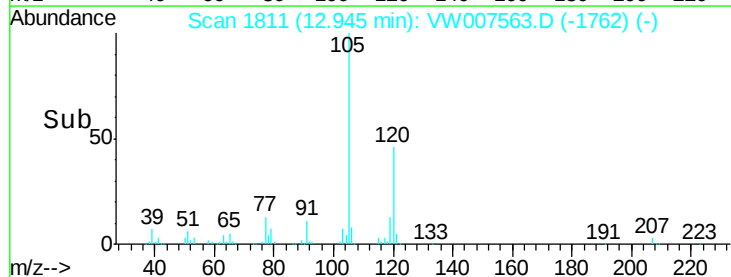
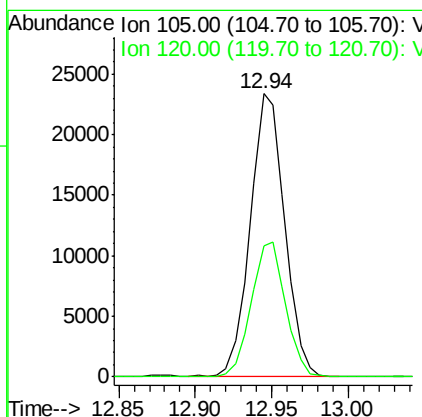
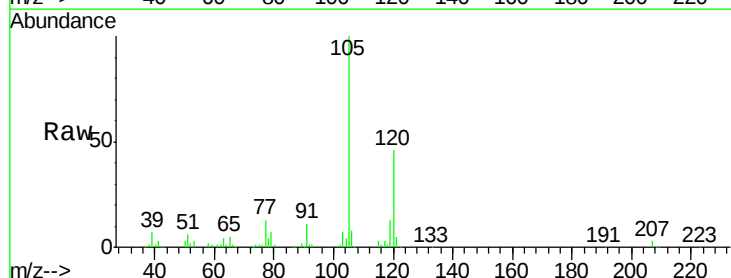
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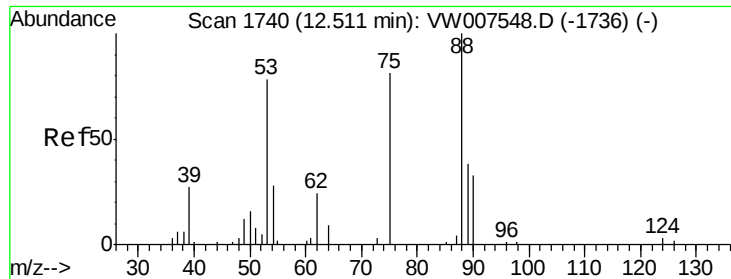
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.579 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion: 105 Resp: 36509
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.8 71.4





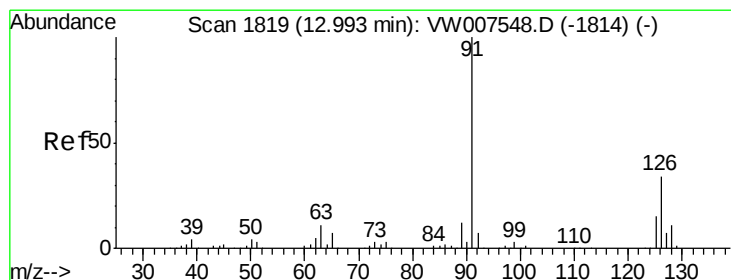
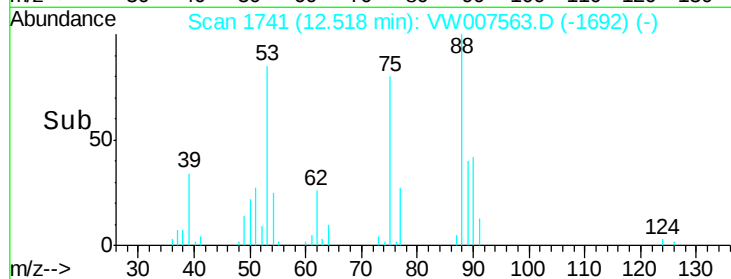
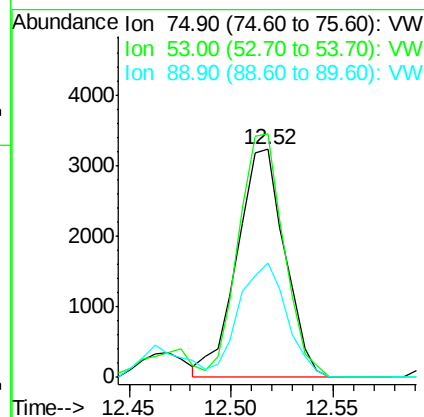
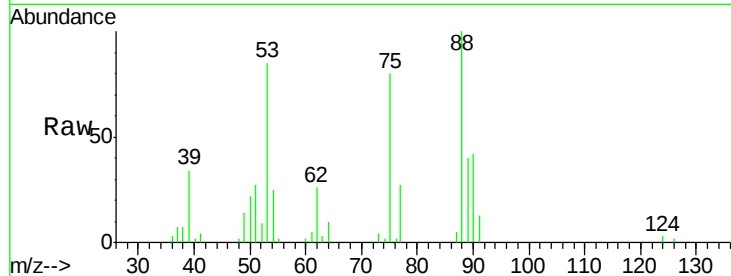
#81
trans-1,4-Dichloro-2-butene
Concen: 127.985 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.2	84.9	127.3
89	50.4	40.3	60.5

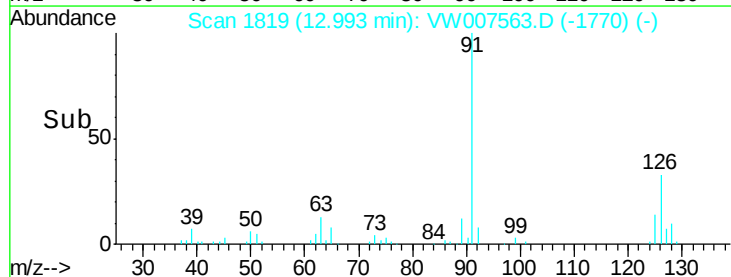
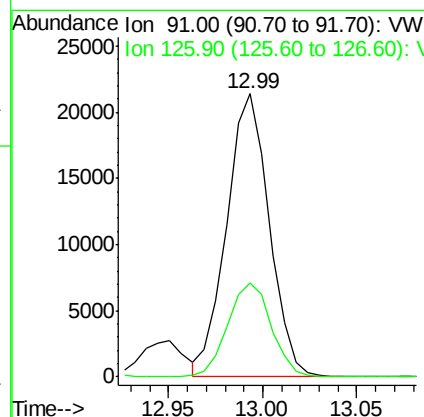
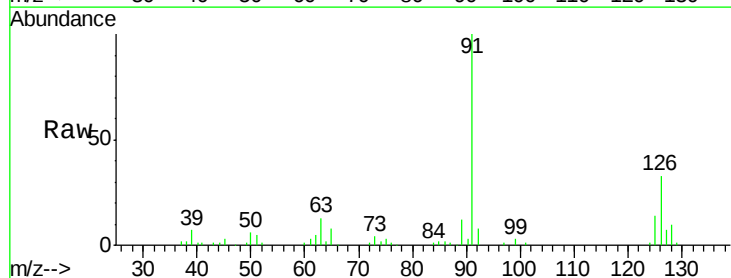
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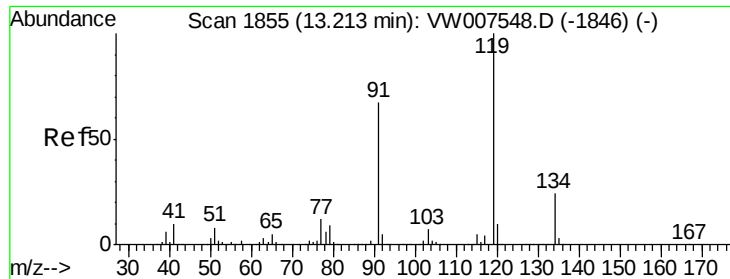
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#82
4-Chlorotoluene
Concen: 55.401 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.0	48.0





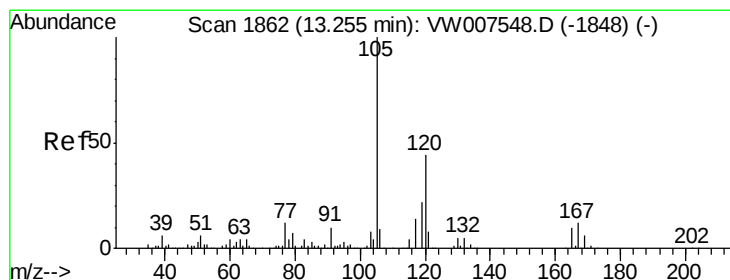
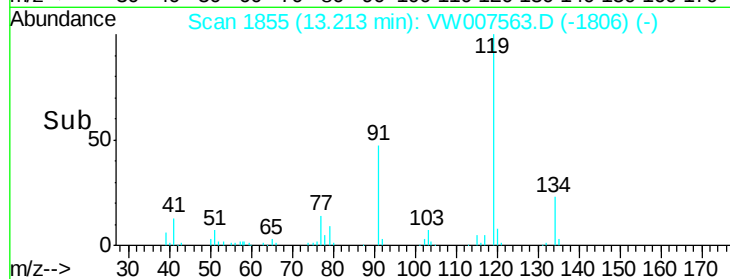
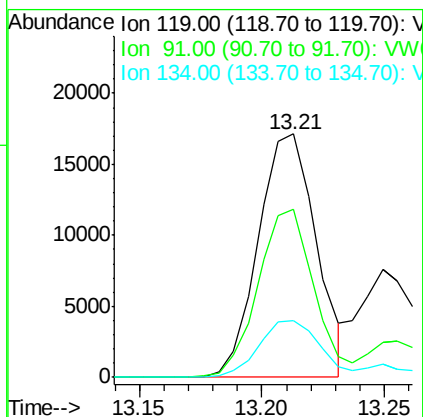
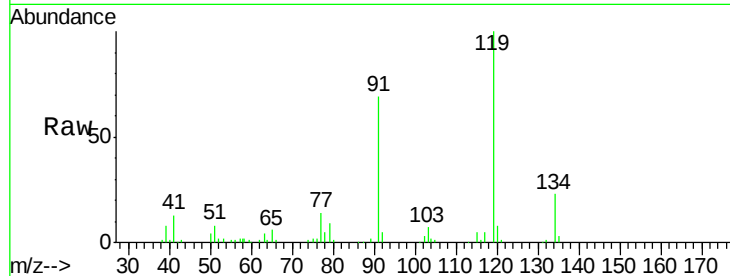
#83
tert-Butylbenzene
Concen: 45.393 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.1	99.2
134	24.4	12.5	37.5

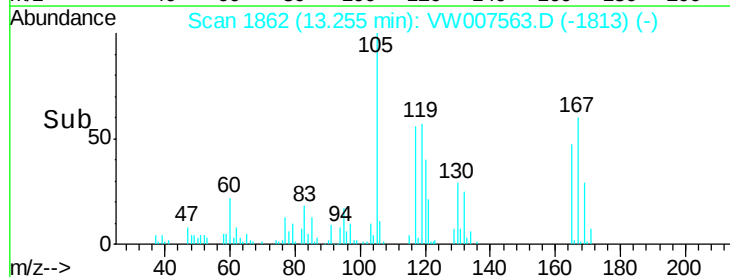
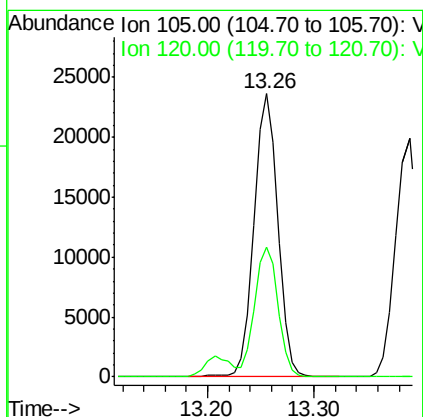
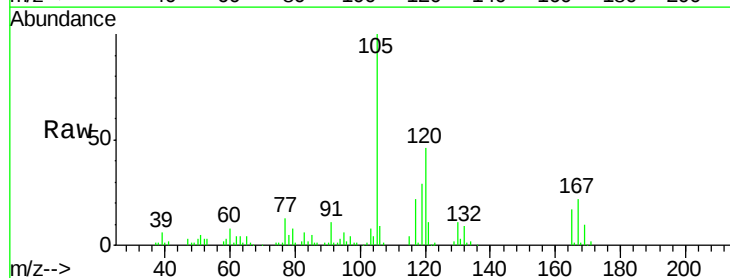
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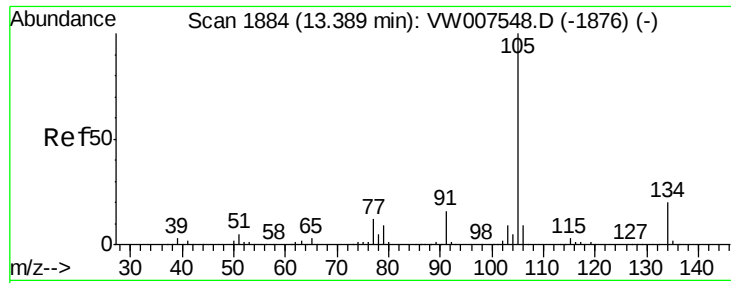
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#84
1,2,4-Trimethylbenzene
Concen: 51.105 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.7





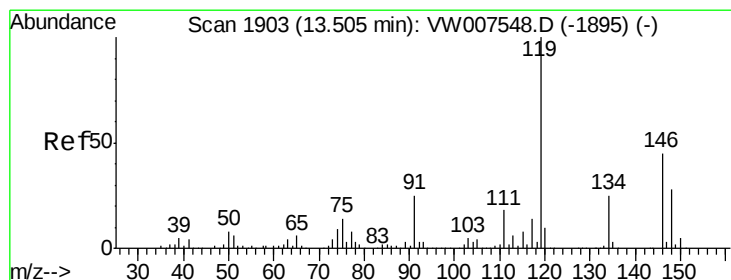
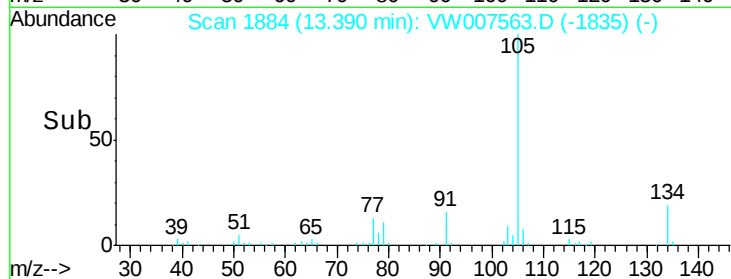
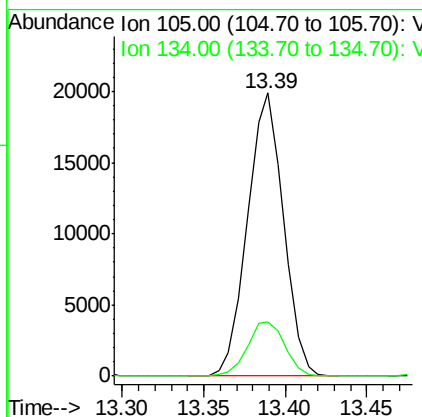
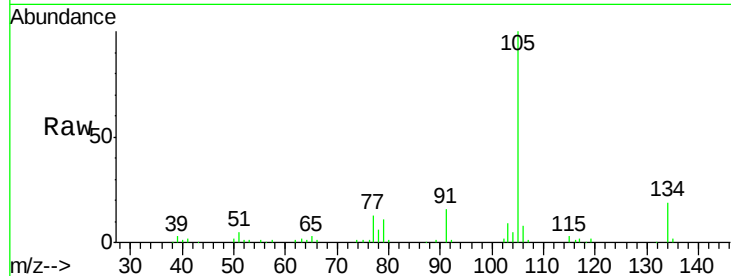
#85
 sec-Butylbenzene
 Concen: 35.785 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion:105 Resp: 30468
 Ion Ratio Lower Upper
 105 100
 134 20.1 11.1 33.3

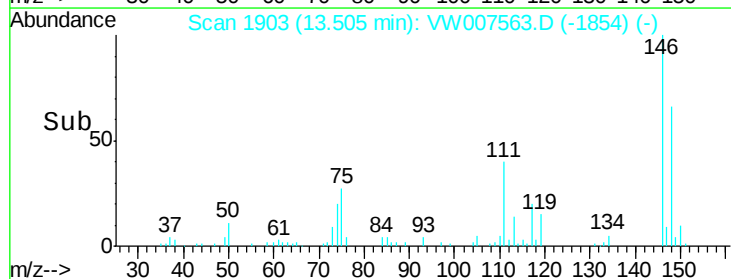
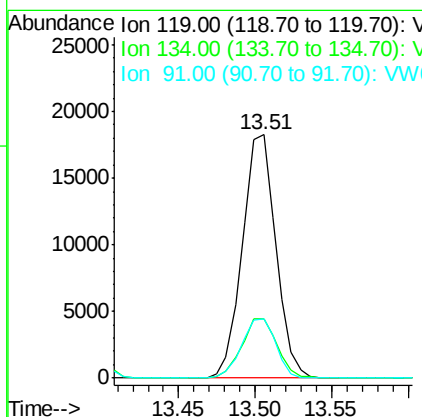
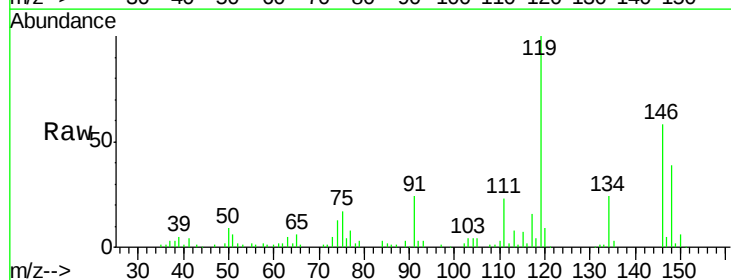
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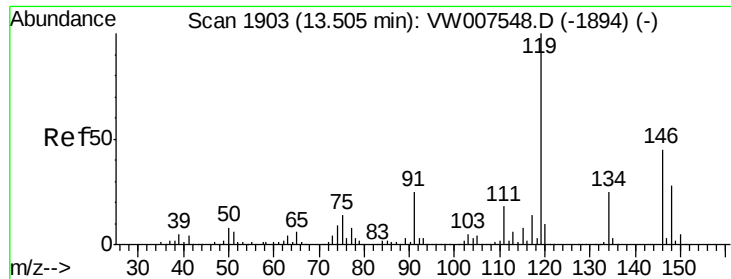
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#86
 p-Isopropyltoluene
 Concen: 36.275 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion:119 Resp: 27746
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 25.0 11.9 35.9





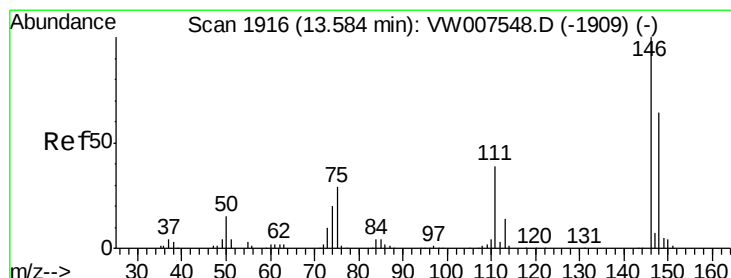
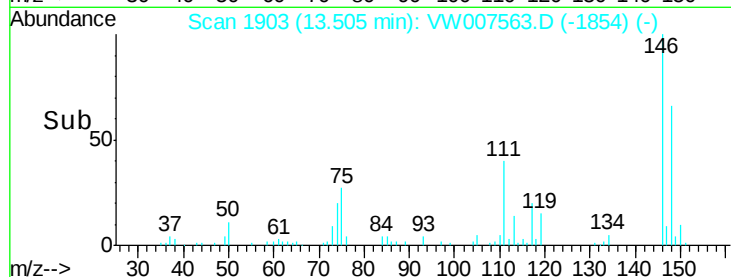
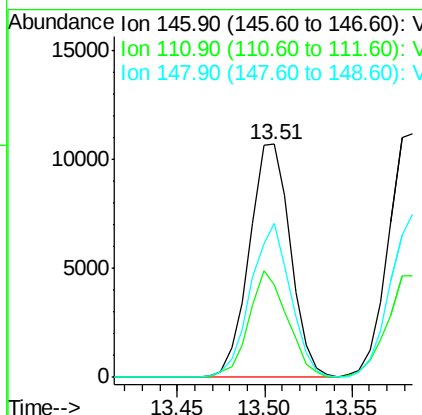
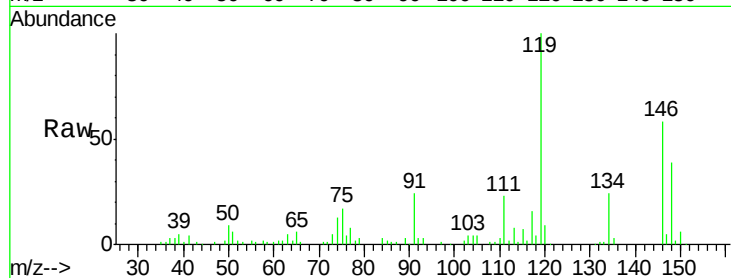
#87
 1,3-Dichlorobenzene
 Concen: 46.971 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.1	60.3
148	63.8	31.4	94.0

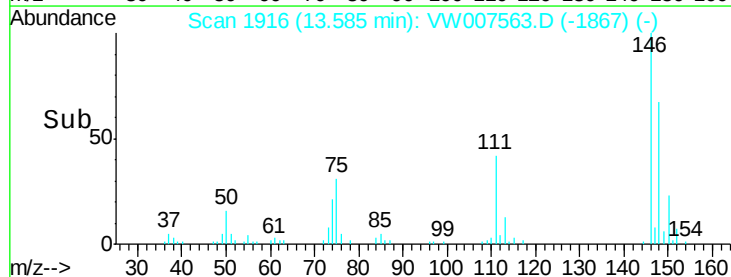
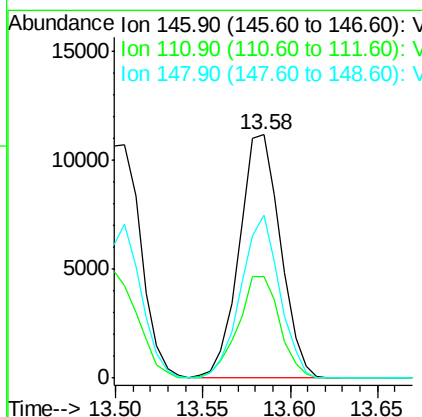
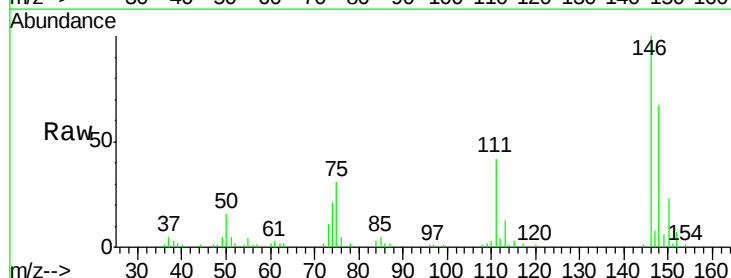
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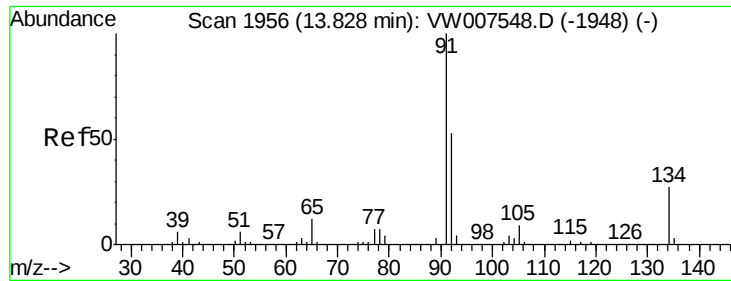
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#88
 1,4-Dichlorobenzene
 Concen: 48.928 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	61.0
148	62.7	33.5	100.5





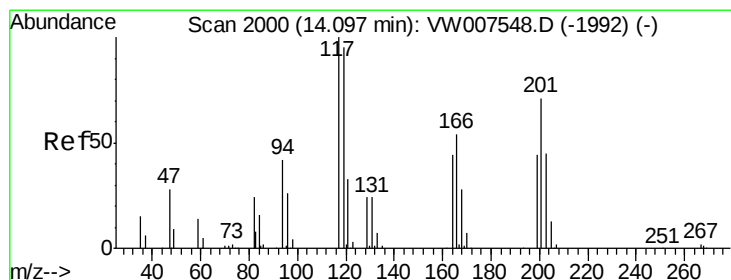
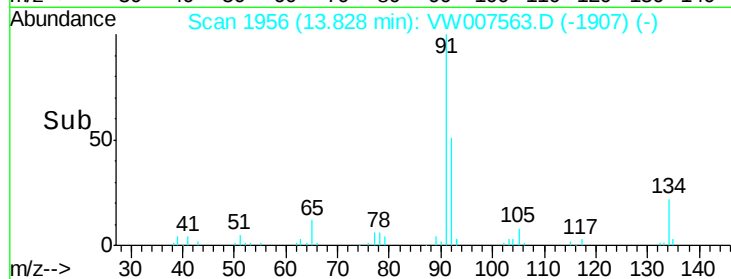
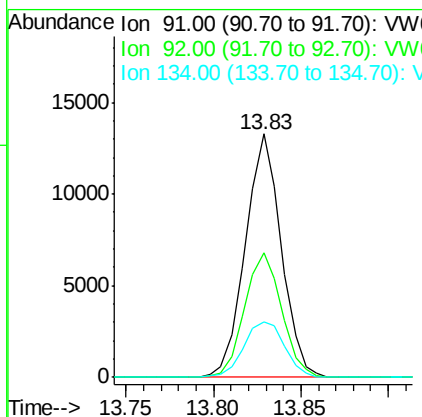
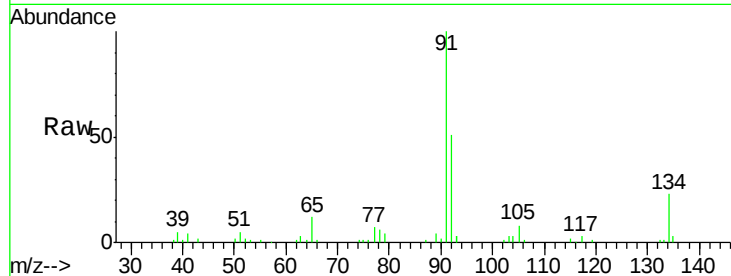
#89
n-Butylbenzene
Concen: 26.644 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 91 Resp: 18893
Ion Ratio Lower Upper
91 100
92 52.7 25.7 77.1
134 25.9 13.4 40.2

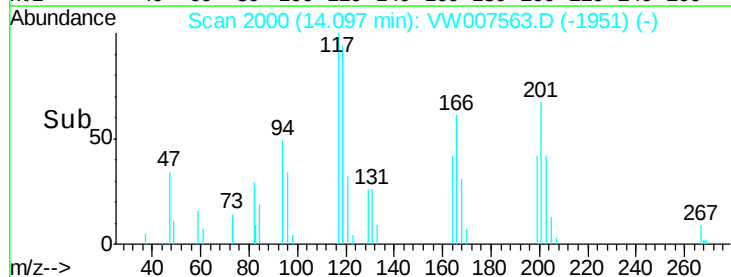
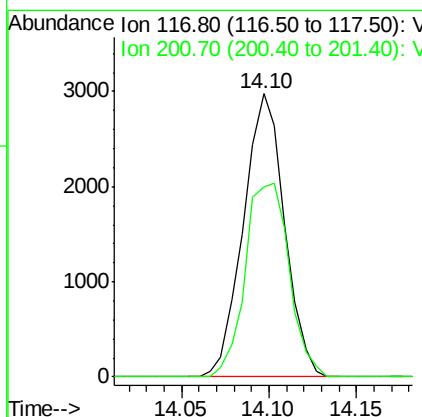
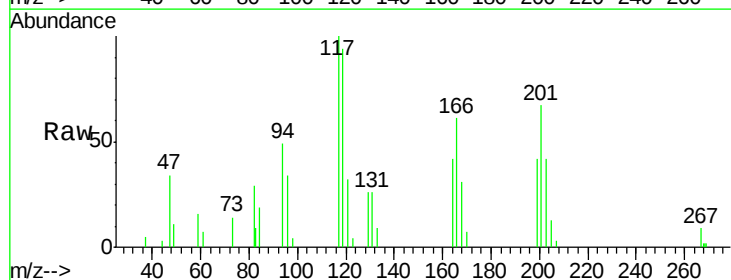
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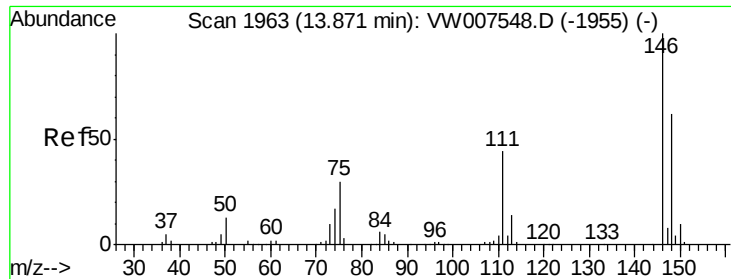
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#90
Hexachloroethane
Concen: 35.930 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion: 117 Resp: 4890
Ion Ratio Lower Upper
117 100
201 73.2 35.3 105.9





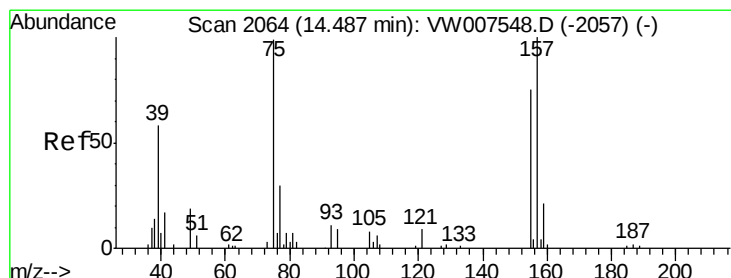
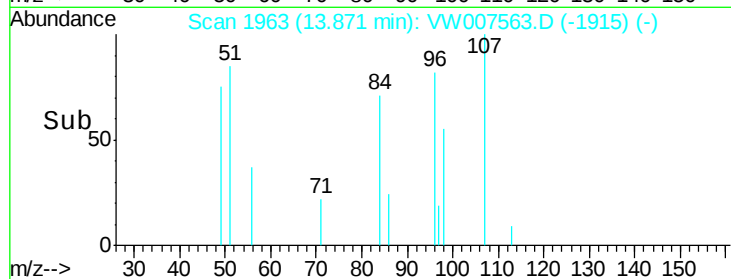
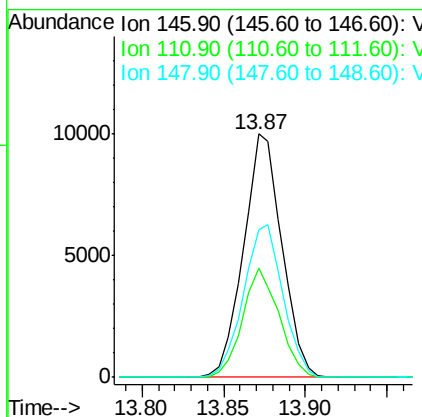
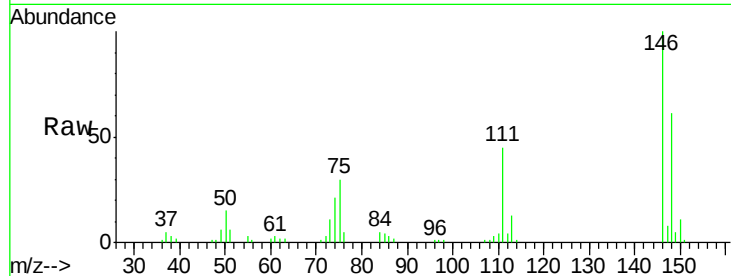
#91
 1,2-Dichlorobenzene
 Concen: 48.844 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.4	67.2
148	64.5	32.4	97.2

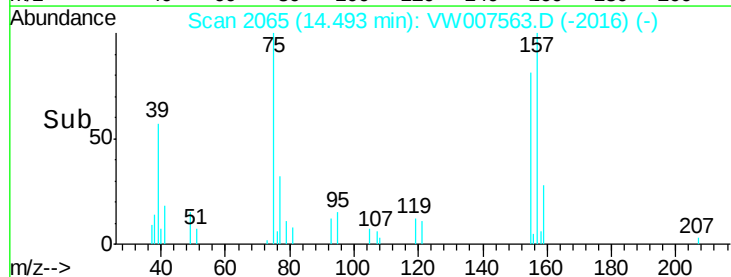
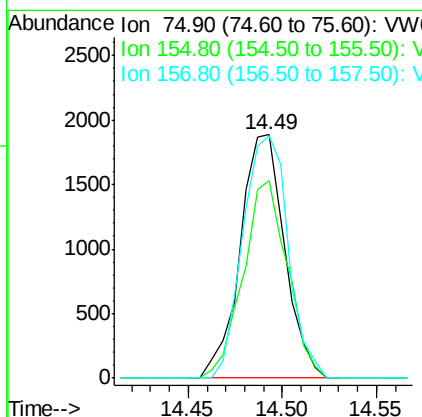
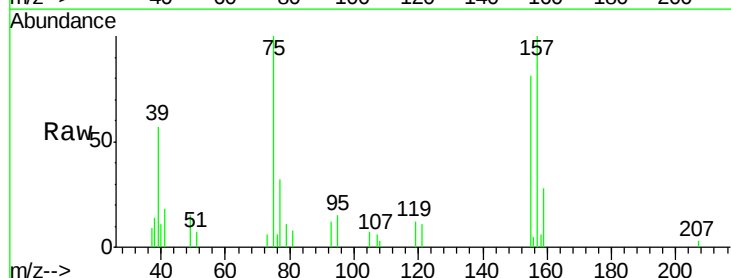
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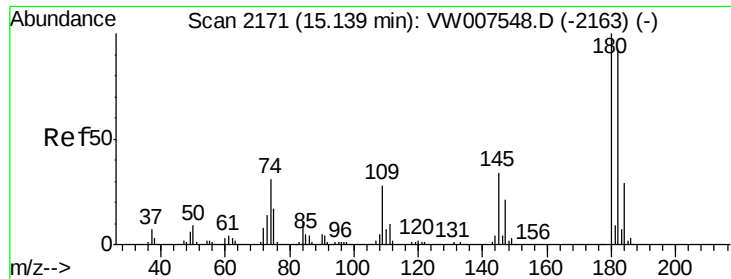
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 122.810 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007563.D
 Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	40.8	122.2
157	101.4	51.1	153.4





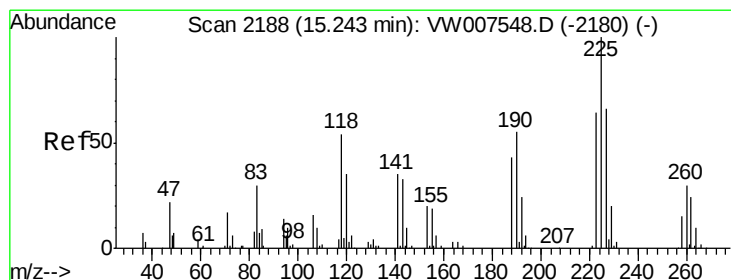
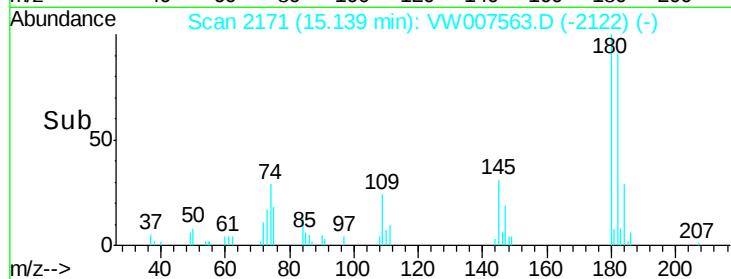
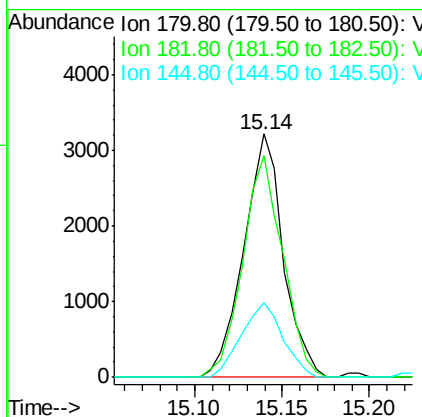
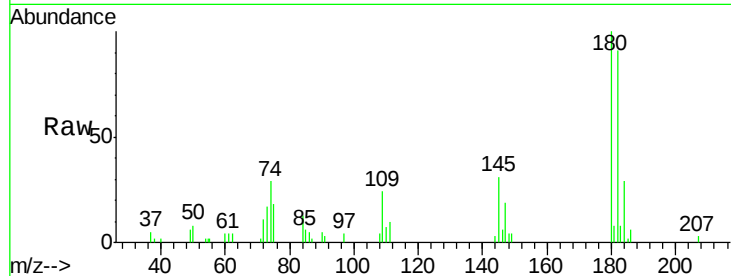
#93
1,2,4-Trichlorobenzene
Concen: 22.020 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	5053		
182	91.6		49.9	149.6
145	32.0		17.8	53.4

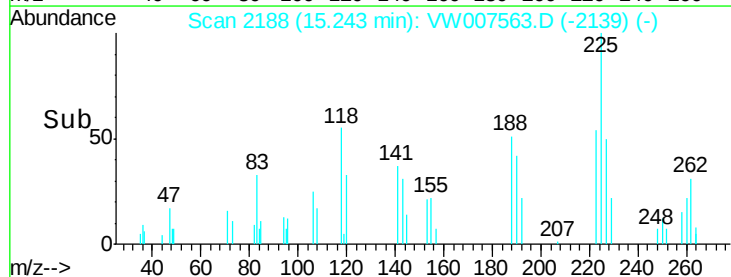
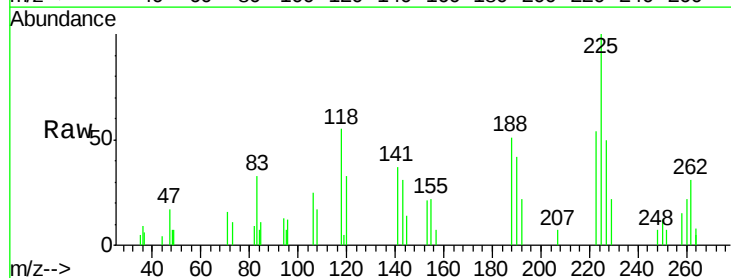
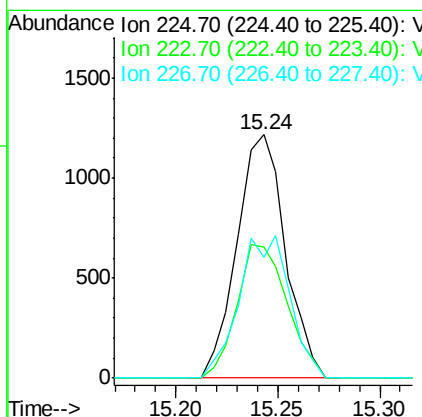
Manual Integrations
APPROVED

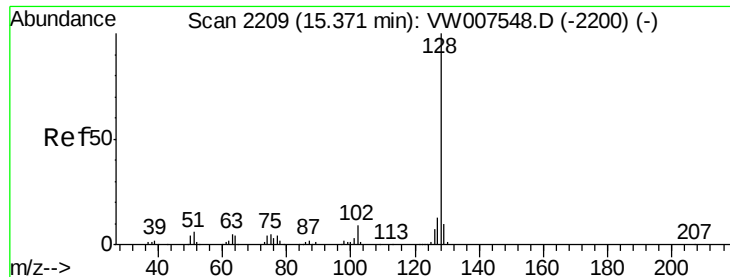
apatel
12/17/2018 1:45:35 PM



#94
Hexachlorobutadiene
Concen: 16.451 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	2003		
223	57.0		32.1	96.3
227	61.5		31.9	95.9





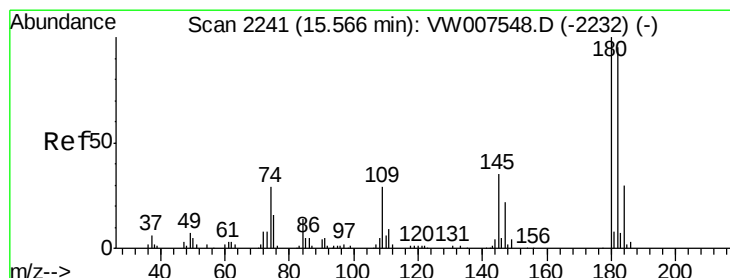
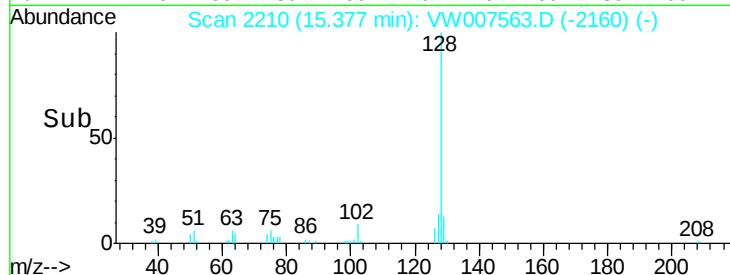
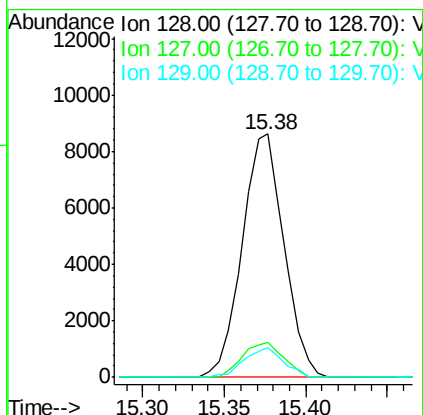
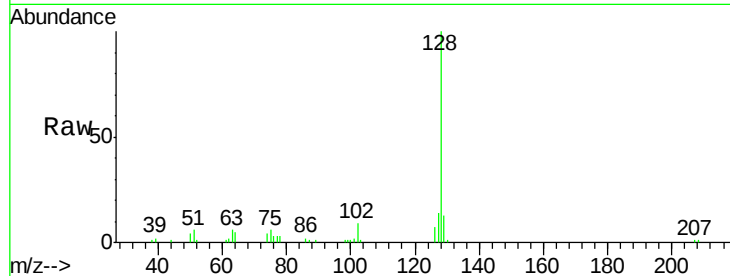
#95
Naphthalene
Concen: 34.964 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	11.5	8.3	12.5

Manual Integrations
APPROVED

apatel
12/17/2018 1:45:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.041 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007563.D
Acq: 15 Dec 2018 05:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	45.6	136.7
145	33.4	17.5	52.5

