

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007907.D
 Acq On : 25 Dec 2018 00:30
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 12/27/2018 11:17:16 AM

Quant Time: Dec 25 04:01:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 03:37:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48483	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
35) Dibromofluoromethane	7.88	113	41798	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.32	98	161519	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	61714	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	32234m	47.196	ug/l
3) Chloromethane	2.21	50	27856	62.103	ug/l
4) Vinyl Chloride	2.37	62	33870	59.779	ug/l
5) Bromomethane	2.78	94	21894	55.972	ug/l
6) Chloroethane	2.93	64	18501	60.701	ug/l
7) Trichlorofluoromethane	3.26	101	24847	44.769	ug/l
8) Diethyl Ether	3.68	74	19798	56.112	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40481	48.782	ug/l
10) Methyl Iodide	4.26	142	65961	49.800	ug/l
11) Tert butyl alcohol	5.18	59	16505	276.512	ug/l
12) 1,1-Dichloroethene	4.04	96	38292	49.628	ug/l
13) Acrolein	3.89	56	9065	201.293	ug/l
14) Allyl chloride	4.67	41	59278	56.803	ug/l
15) Acrylonitrile	5.37	53	45307	295.883	ug/l
16) Acetone	4.12	43	39551	247.579	ug/l
17) Carbon Disulfide	4.38	76	109223	46.276	ug/l
18) Methyl Acetate	4.67	43	26934	66.494	ug/l
19) Methyl tert-butyl Ether	5.43	73	69062	60.090	ug/l
20) Methylene Chloride	4.91	84	50479	50.724	ug/l
21) trans-1,2-Dichloroethene	5.42	96	42171	49.520	ug/l
22) Diisopropyl ether	6.31	45	117306	59.707	ug/l
23) Vinyl Acetate	6.26	43	331133	286.651	ug/l
24) 1,1-Dichloroethane	6.21	63	75717	53.378	ug/l
25) 2-Butanone	7.17	43	55630	286.904	ug/l
26) 2,2-Dichloropropane	7.17	77	48910	48.013	ug/l
27) cis-1,2-Dichloroethene	7.17	96	47772	52.250	ug/l
28) Bromochloromethane	7.51	49	27341	56.141	ug/l
29) Tetrahydrofuran	7.53	42	36240	309.345	ug/l
30) Chloroform	7.68	83	81514	51.345	ug/l
31) Cyclohexane	7.95	56	64026	49.587	ug/l
32) 1,1,1-Trichloroethane	7.87	97	70317	49.044	ug/l
36) 1,1-Dichloropropene	8.08	75	61260	47.907	ug/l
37) Ethyl Acetate	7.26	43	25255	55.654	ug/l
38) Carbon Tetrachloride	8.07	117	64749	43.734	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76597	48.142	ug/l	100
40) Benzene	8.32	78	171582	49.826	ug/l	100
41) Methacrylonitrile	7.48	41	17004	63.980	ug/l	100
42) 1,2-Dichloroethane	8.40	62	56997	49.563	ug/l	100
43) Isopropyl Acetate	8.43	43	51401	56.446	ug/l	100
44) Trichloroethene	9.09	130	47975	46.586	ug/l	100
45) 1,2-Dichloropropane	9.37	63	41352	53.606	ug/l	100
46) Dibromomethane	9.46	93	23085	49.344	ug/l	100
47) Bromodichloromethane	9.65	83	60187	48.989	ug/l	100
48) Methyl methacrylate	9.44	41	25941	56.889	ug/l	100
49) 1,4-Dioxane	9.45	88	7933	1059.280	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	124729	288.034	ug/l	100
52) Toluene	10.39	92	113152	49.126	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	61781	50.227	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	68077	50.106	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	32983	50.614	ug/l	100
56) Ethyl methacrylate	10.65	69	42280	54.745	ug/l	100
57) 1,3-Dichloropropane	10.93	76	56766	52.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99950	281.224	ug/l	100
59) 2-Hexanone	10.97	43	87526	288.567	ug/l	100
60) Dibromochloromethane	11.13	129	40523	47.761	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33163	50.356	ug/l	100
64) Tetrachloroethene	10.86	164	41361	48.866	ug/l	100
65) Chlorobenzene	11.66	112	126449	48.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	44442	48.292	ug/l	100
67) Ethyl Benzene	11.73	91	223785	50.182	ug/l	100
68) m/p-Xylenes	11.84	106	170360	98.885	ug/l	100
69) o-Xylene	12.17	106	81169	50.153	ug/l	100
70) Styrene	12.18	104	135111	50.744	ug/l	100
71) Bromoform	12.35	173	21084	44.927	ug/l #	100
73) Isopropylbenzene	12.47	105	225604	50.682	ug/l	100
74) N-amyl acetate	12.27	43	47379	59.541	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	36844	54.474	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29063m	62.555	ug/l	
77) Bromobenzene	12.75	156	51285	50.377	ug/l	100
78) n-propylbenzene	12.81	91	264737	51.060	ug/l	100
79) 2-Chlorotoluene	12.90	91	156793	51.650	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	196436	51.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11288	52.230	ug/l	100
82) 4-Chlorotoluene	12.99	91	163287	50.752	ug/l	100
83) tert-Butylbenzene	13.21	119	172080	51.082	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	199106	51.357	ug/l	100
85) sec-Butylbenzene	13.39	105	234434	50.555	ug/l	100
86) p-Isopropyltoluene	13.51	119	210903	50.113	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	101126	49.951	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	99451	49.275	ug/l	100
89) n-Butylbenzene	13.83	91	194891	50.472	ug/l	100
90) Hexachloroethane	14.10	117	33954	46.571	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	91260	50.384	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7425	53.963	ug/l	100

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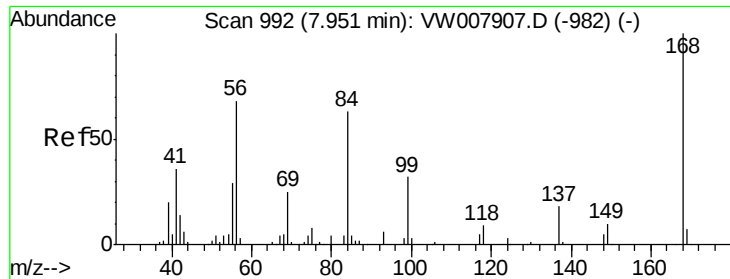
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61498	49.153	ug/l	100
94) Hexachlorobutadiene	15.24	225	32217	48.277	ug/l	100
95) Naphthalene	15.37	128	128941	54.990	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	55177	51.275	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 77688

Ion Ratio Lower Upper

168 100

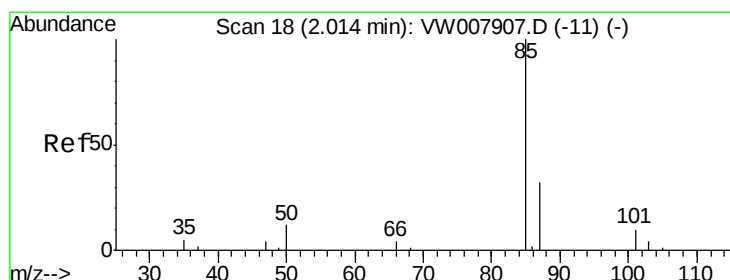
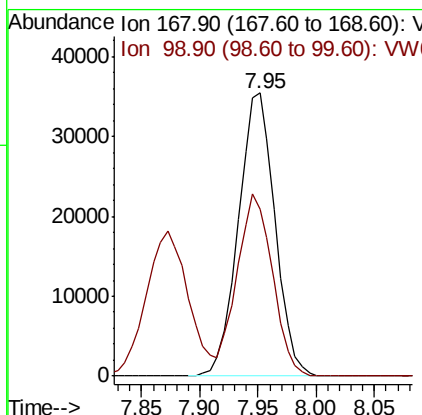
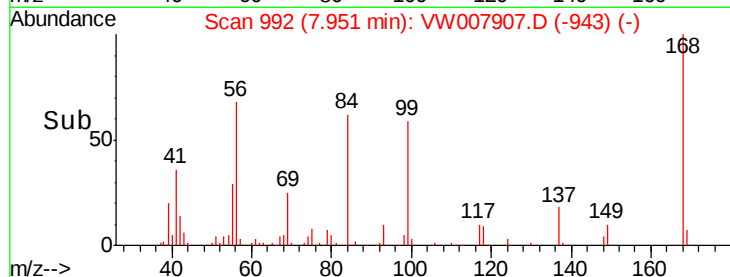
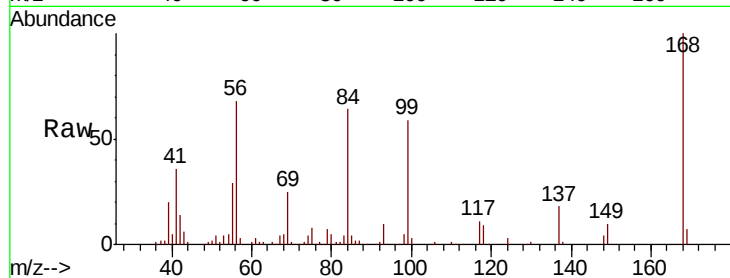
99 59.1 47.3 70.9

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#2

Dichlorodifluoromethane

Concen: 47.196 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW007907.D

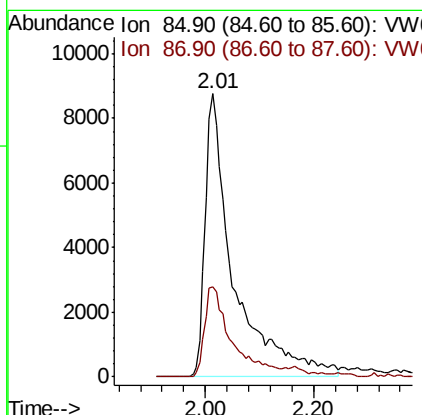
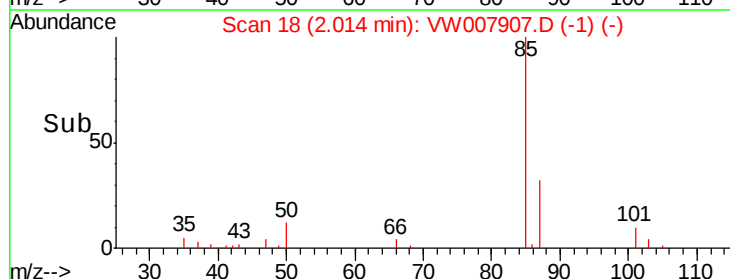
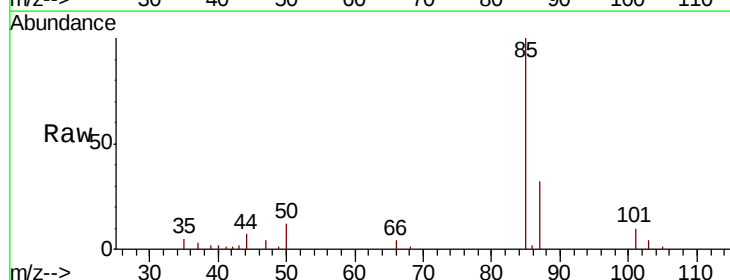
Acq: 25 Dec 2018 00:30

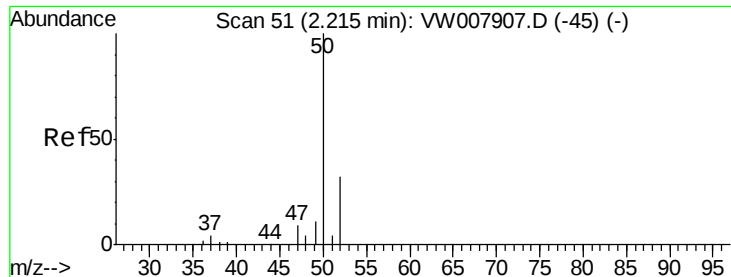
Tgt Ion: 85 Resp: 32234

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9





#3

Chloromethane

Concen: 62.103 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 27856

Ion Ratio Lower Upper

50 100

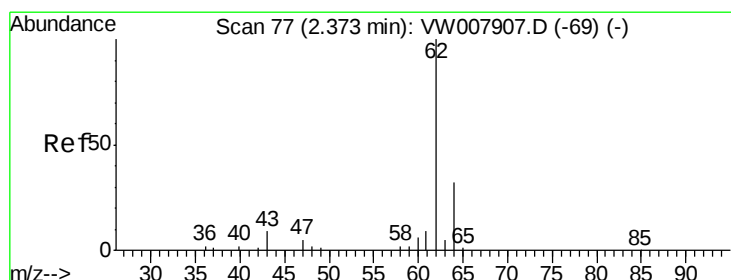
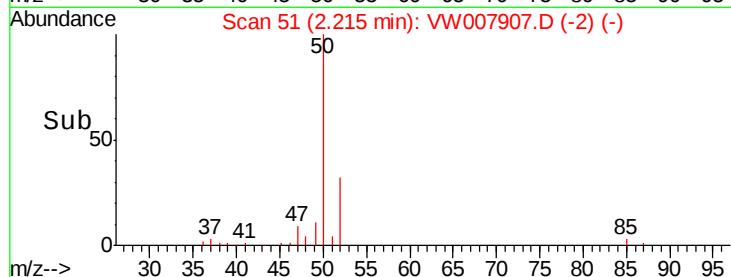
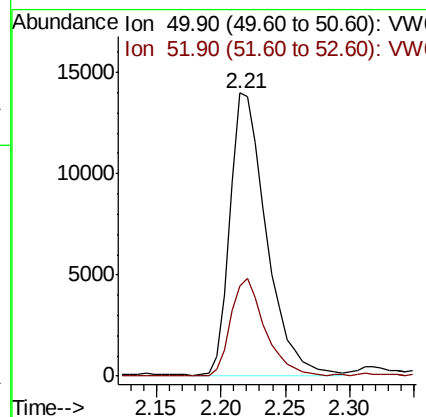
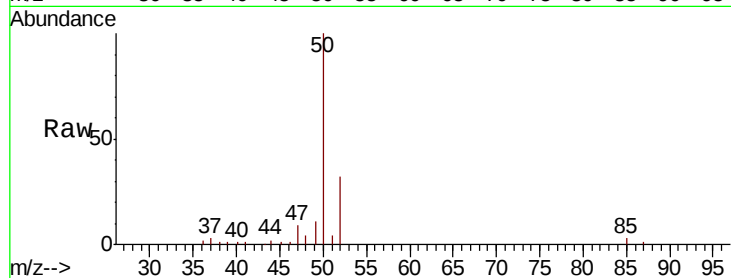
52 32.0 25.6 38.4

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#4

Vinyl Chloride

Concen: 59.779 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW007907.D

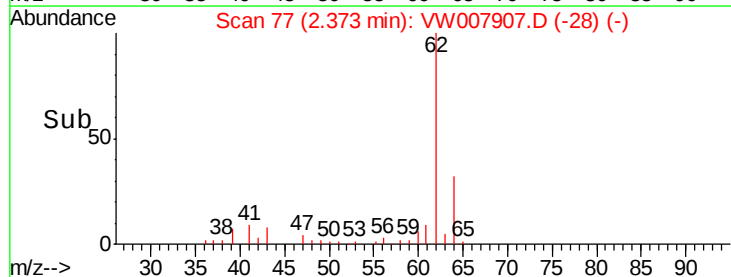
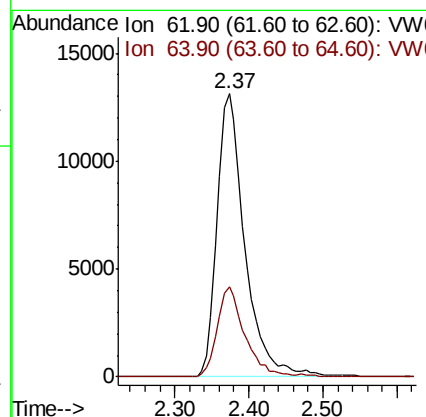
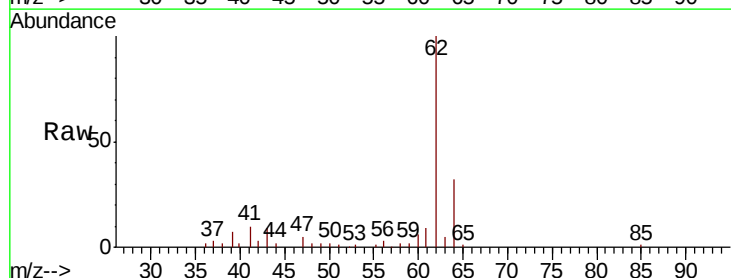
Acq: 25 Dec 2018 00:30

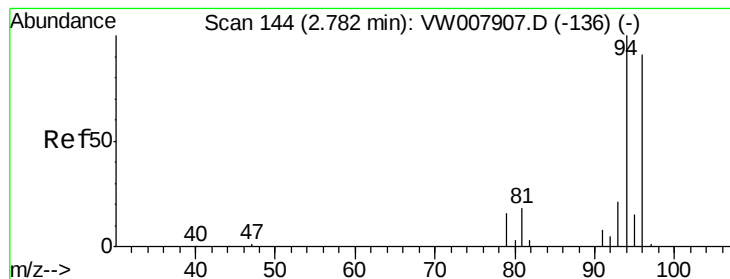
Tgt Ion: 62 Resp: 33870

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 55.972 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 21894

Ion Ratio Lower Upper

94 100

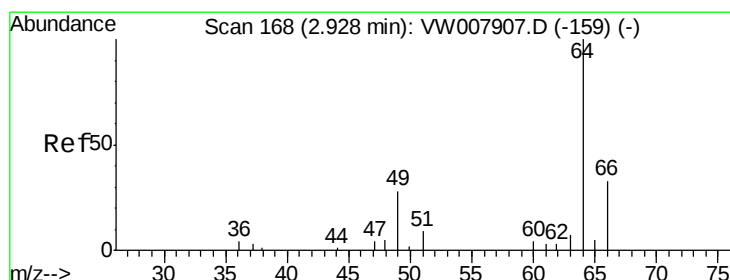
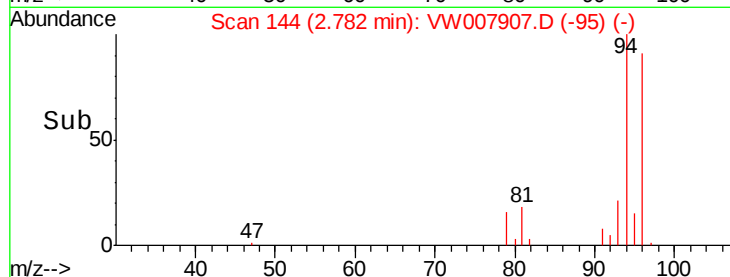
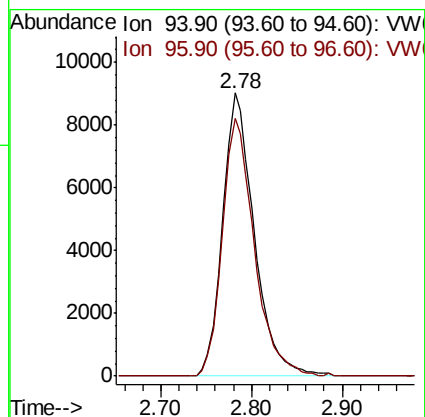
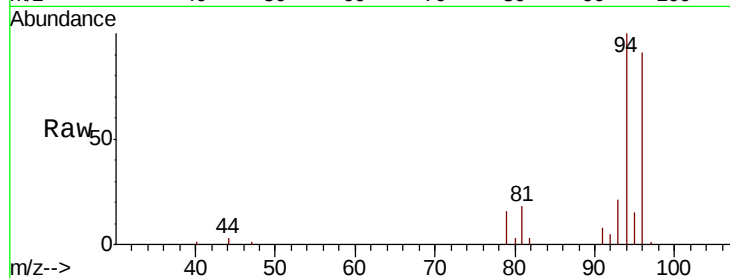
96 90.9 72.7 109.1

Manual Integrations

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#6

Chloroethane

Concen: 60.701 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007907.D

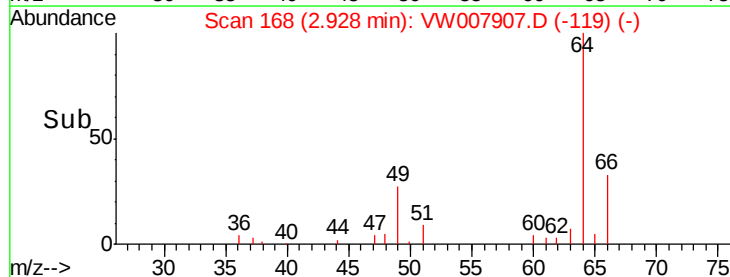
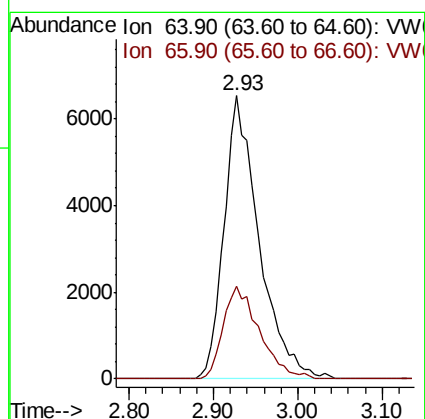
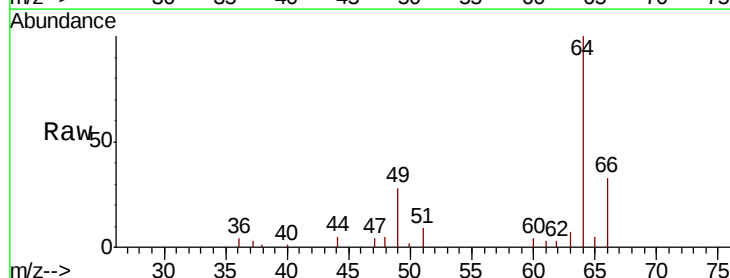
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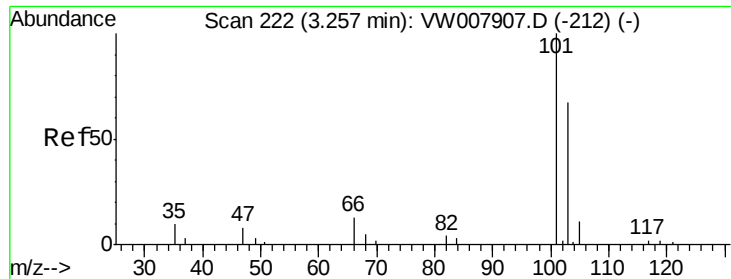
Tgt Ion: 64 Resp: 18501

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.2





#7

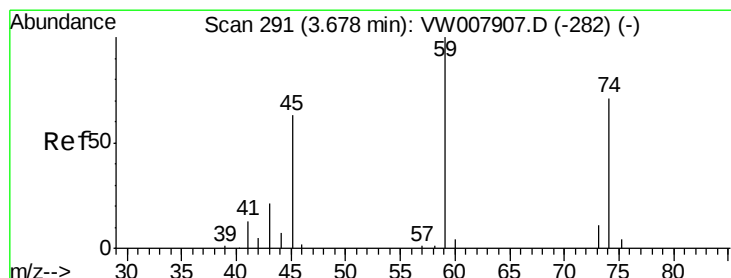
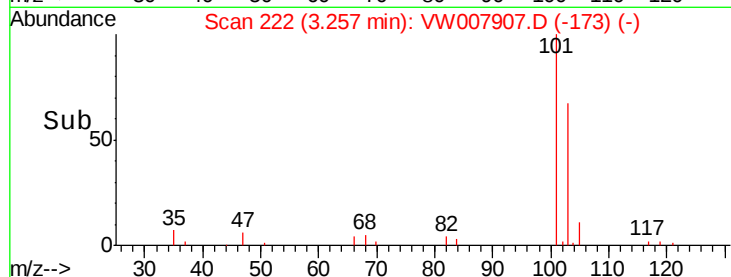
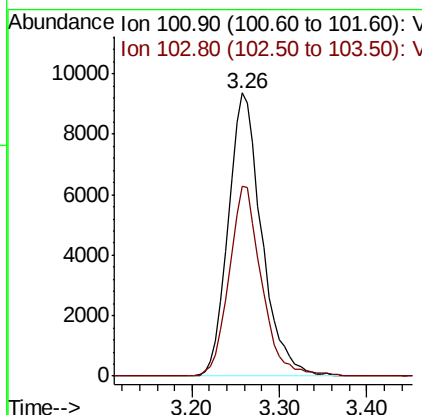
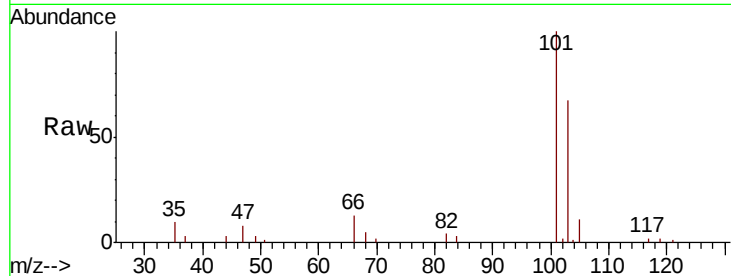
Trichlorofluoromethane
 Concen: 44.769 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
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 VSTDICCC050

Tot Ion:101 Resp: 24847
 Ion Ratio Lower Upper
 101 100
 103 67.3 53.8 80.8

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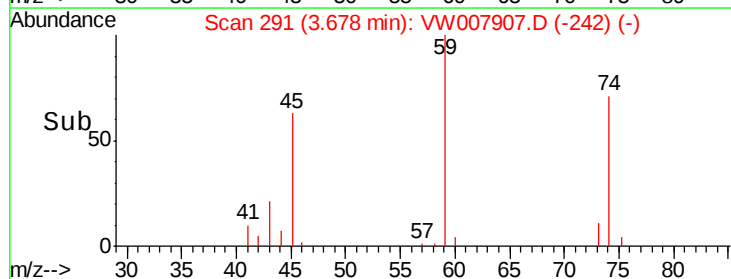
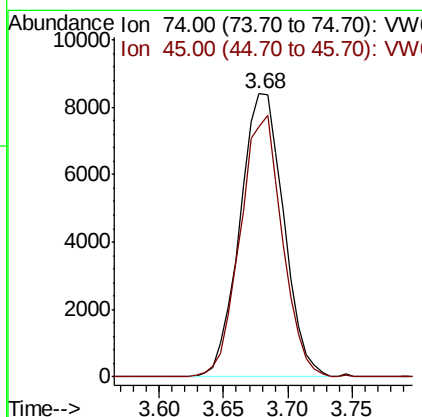
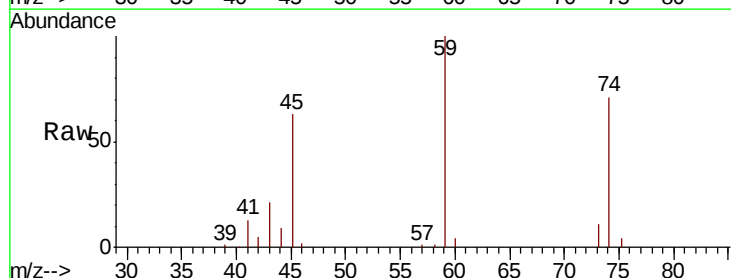
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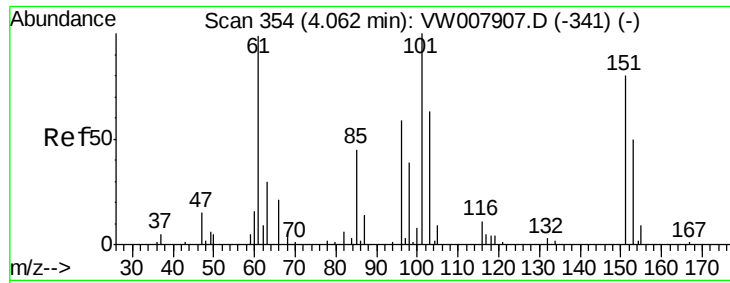


#8

Diethyl Ether
 Concen: 56.112 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion: 74 Resp: 19798
 Ion Ratio Lower Upper
 74 100
 45 88.5 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.782 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

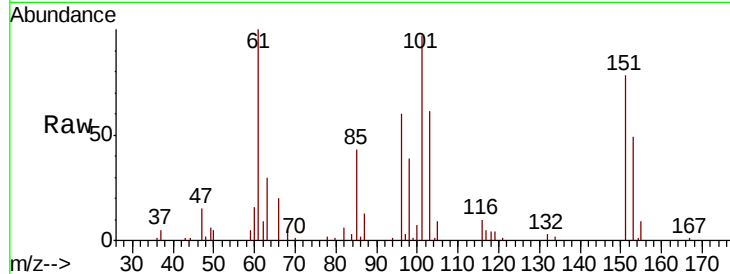
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	40481
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.8	53.6
151	79.0	63.2	94.8

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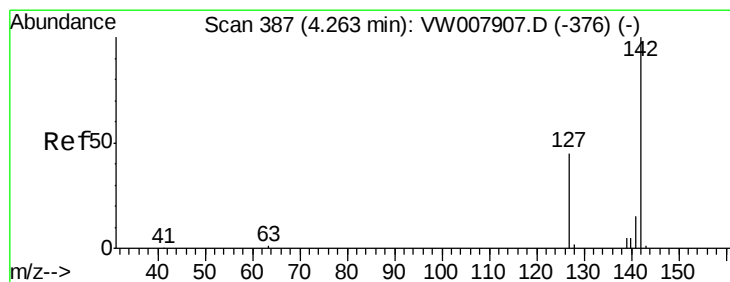
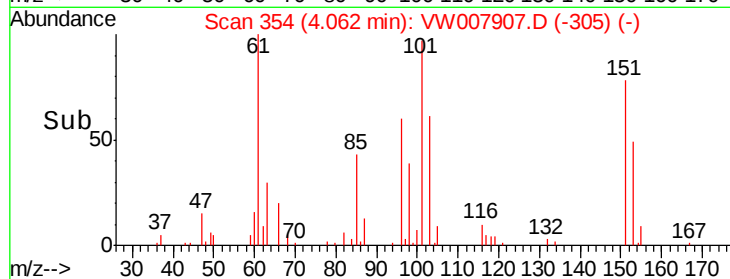
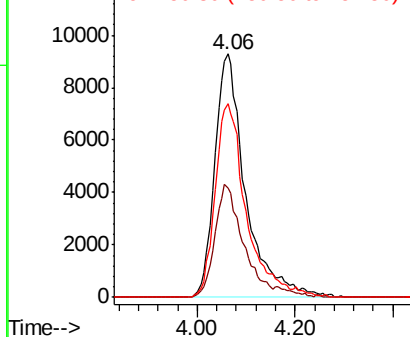


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.800 ug/l

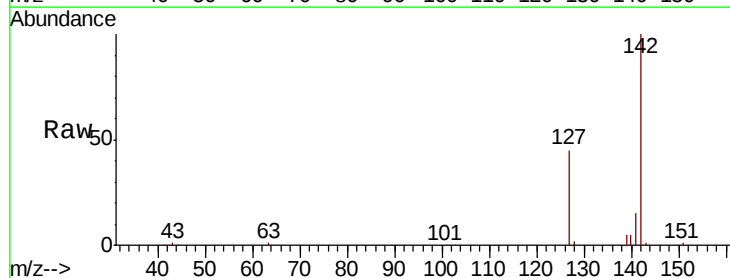
RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Tgt Ion:	142	Resp:	65961
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.2	54.4
141	14.5	11.6	17.4

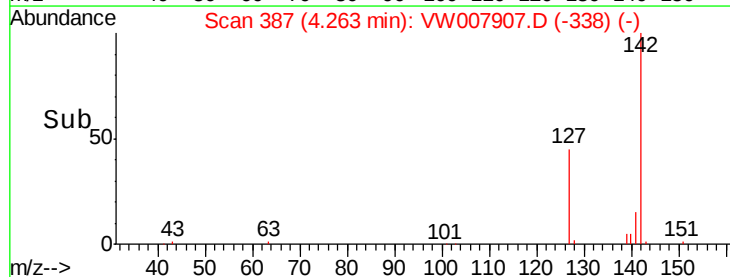
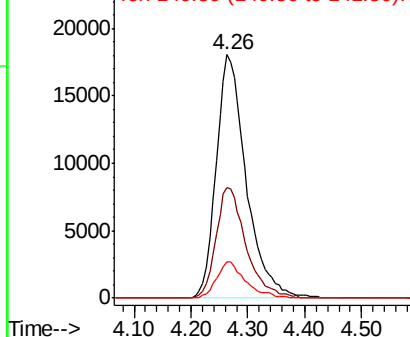


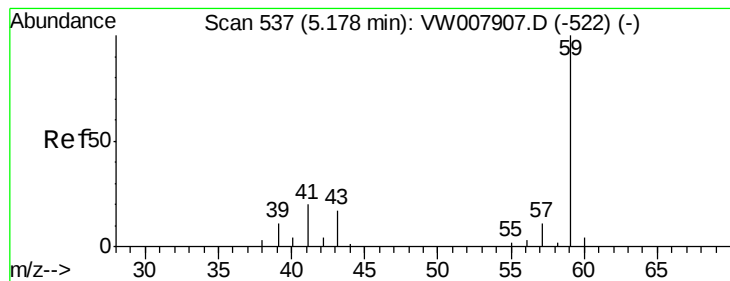
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

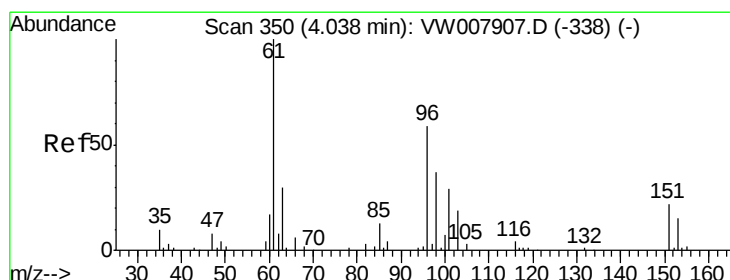
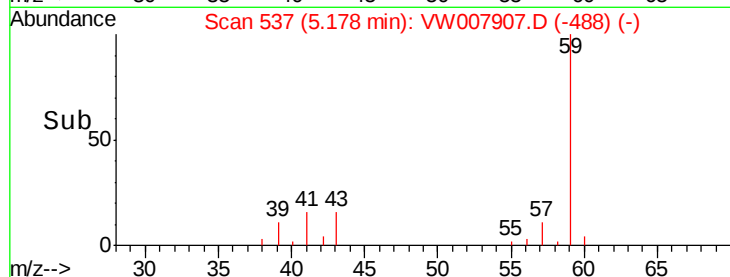
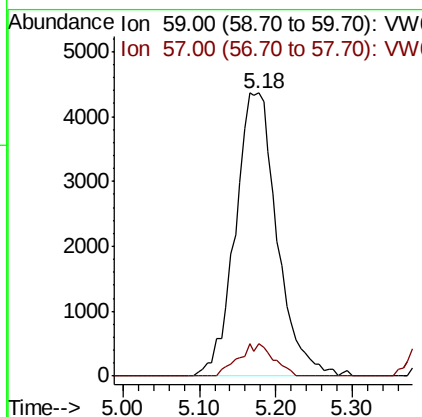
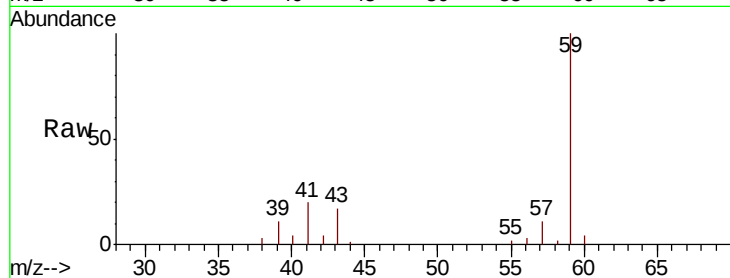
Tert butyl alcohol
Concen: 276.512 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

Manual Integrations
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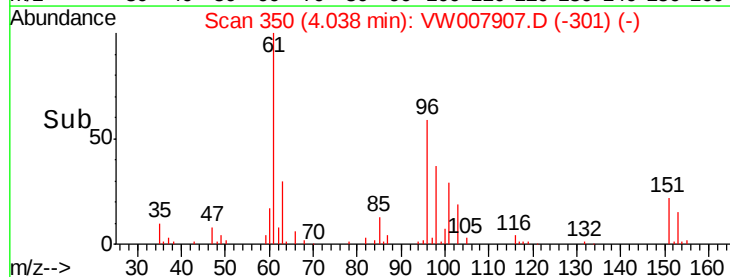
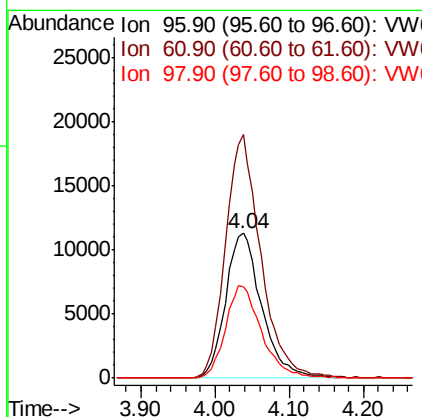
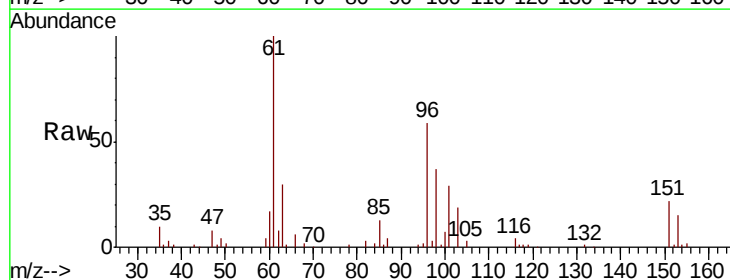
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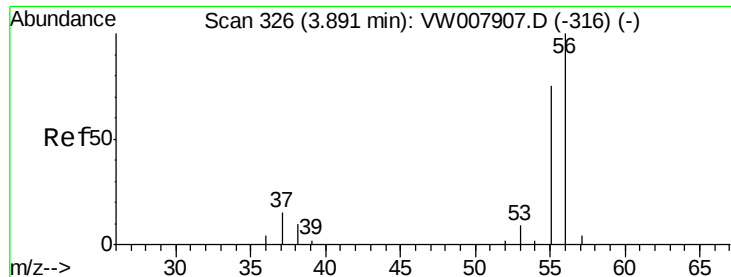


#12

1,1-Dichloroethene
Concen: 49.628 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.1	134.5	201.7
98	62.7	50.2	75.2





#13

Acrolein

Concen: 201.293 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 9065

Ion Ratio Lower Upper

56 100

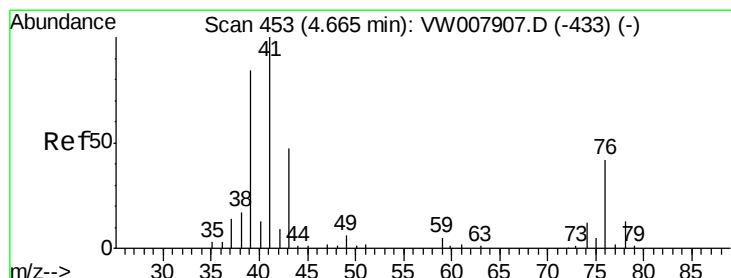
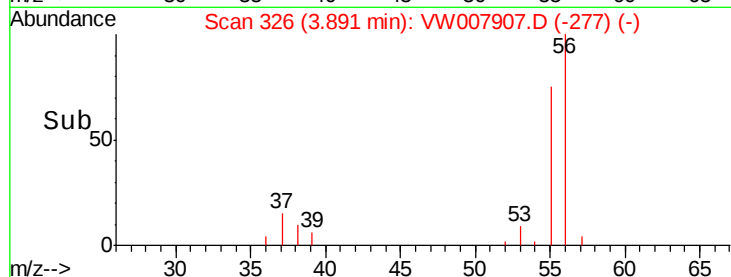
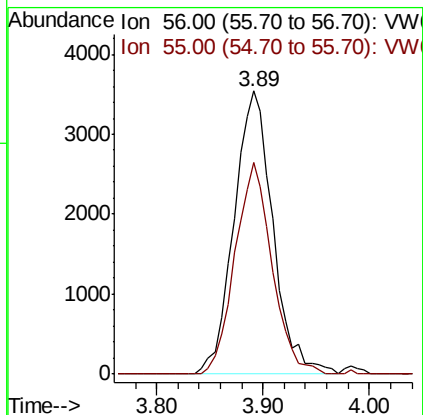
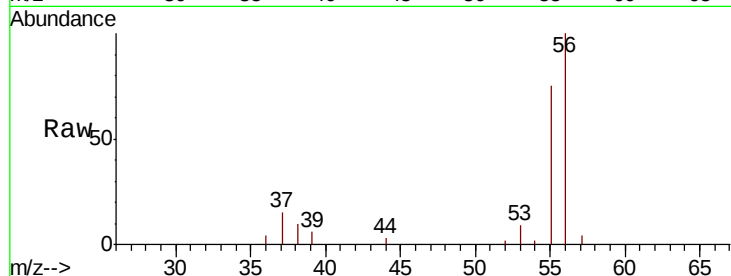
55 71.3 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 56.803 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

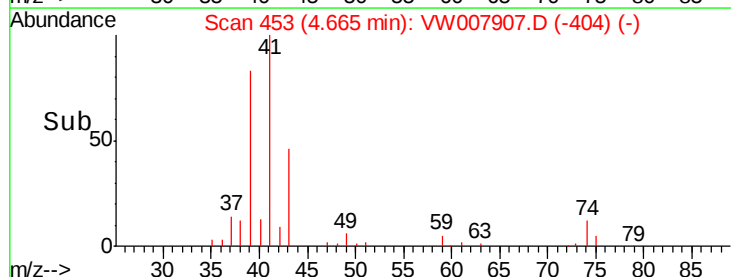
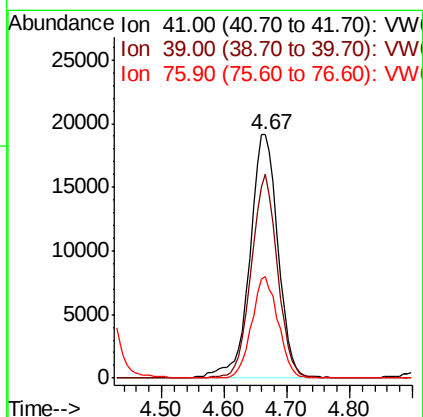
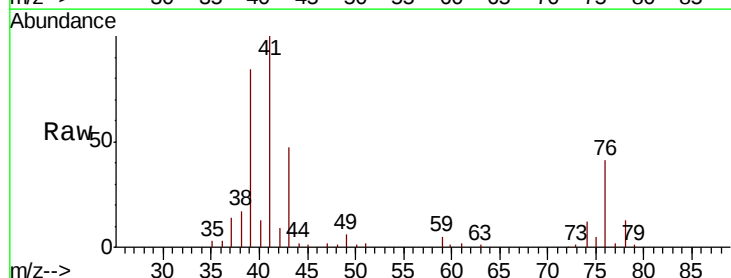
Tgt Ion: 41 Resp: 59278

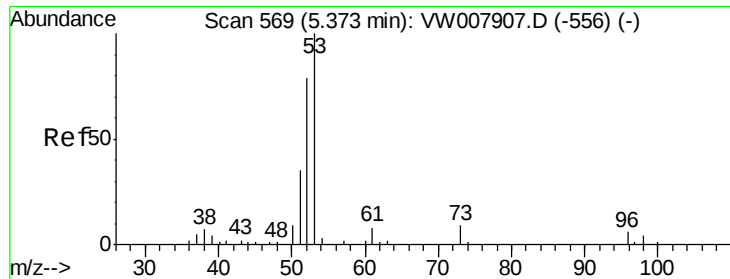
Ion Ratio Lower Upper

41 100

39 78.2 62.6 93.8

76 38.9 31.1 46.7





#15

Acrylonitrile

Concen: 295.883 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

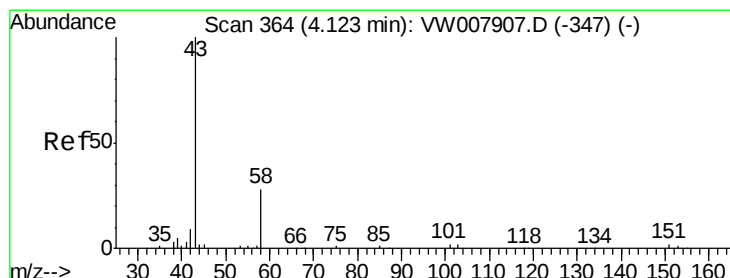
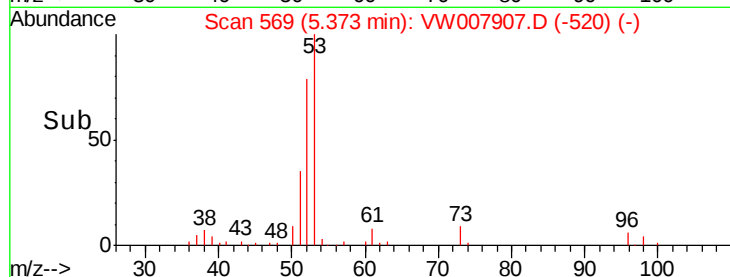
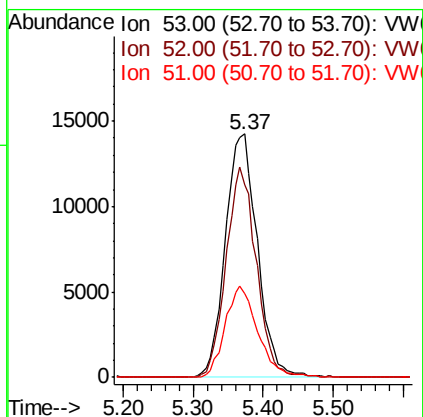
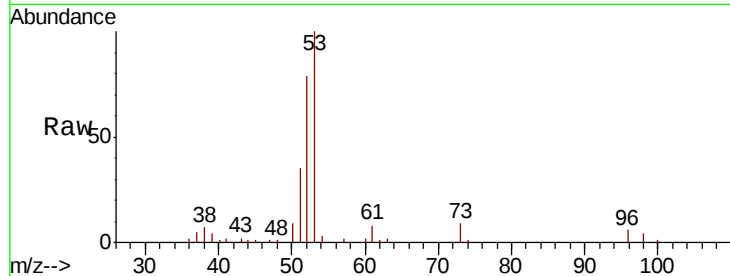
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	45307
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.2	97.8
51	38.2	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 247.579 ug/l

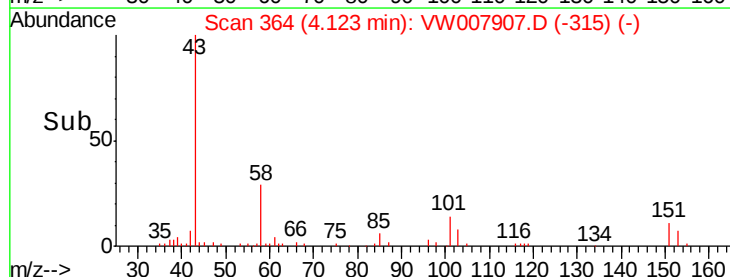
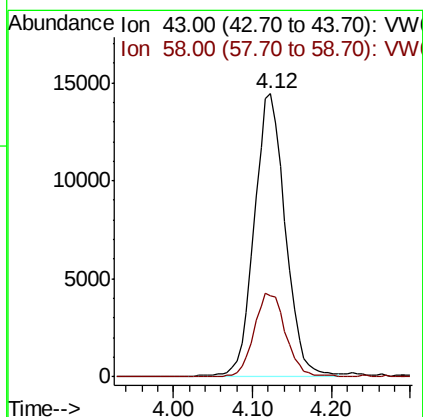
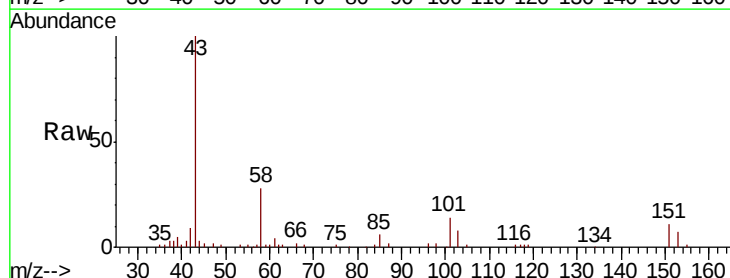
RT: 4.12 min Scan# 364

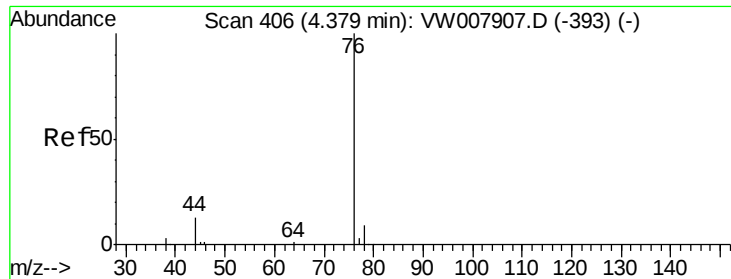
Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Tgt Ion:	43	Resp:	39551
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.8	34.2





#17

Carbon Disulfide

Concen: 46.276 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 109223

Ion Ratio Lower Upper

76 100

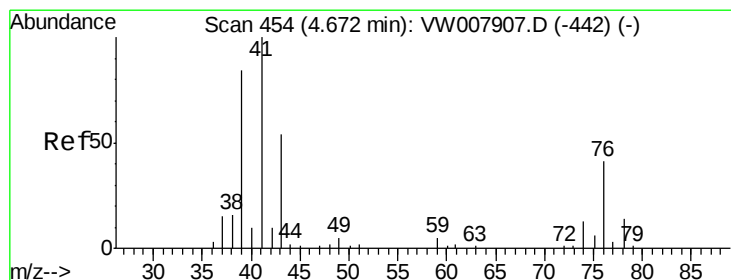
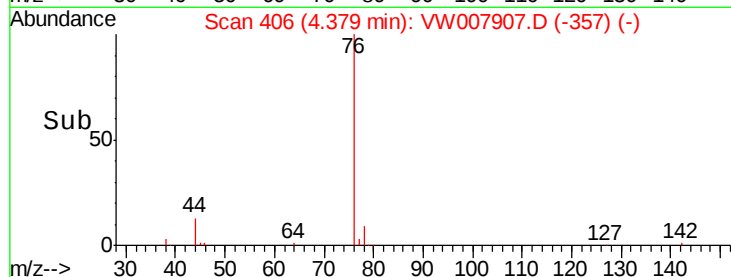
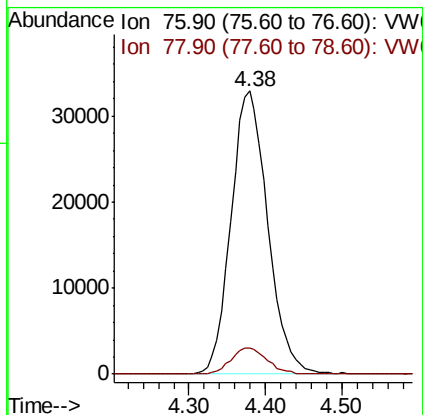
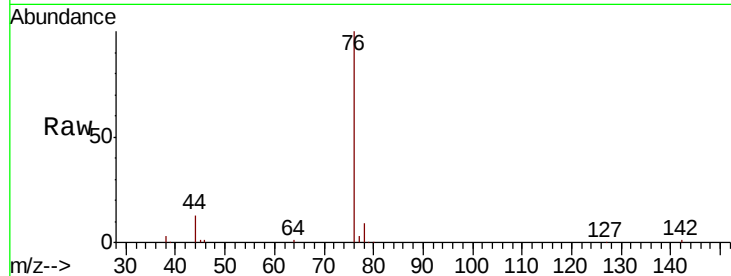
78 9.4 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 66.494 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW007907.D

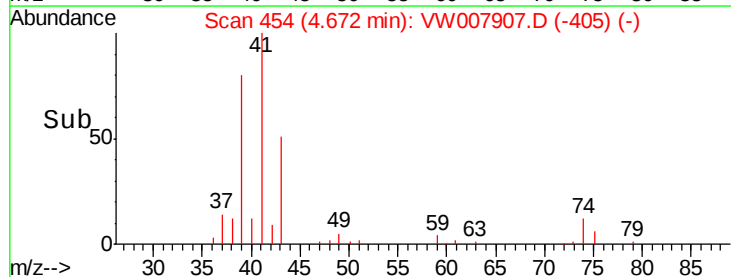
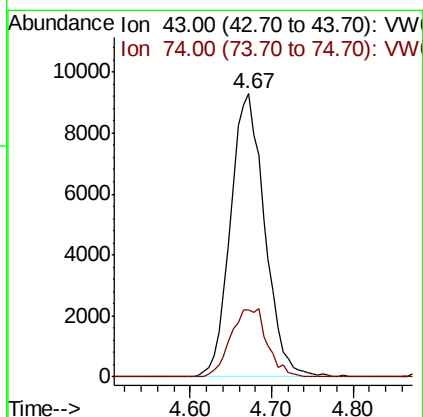
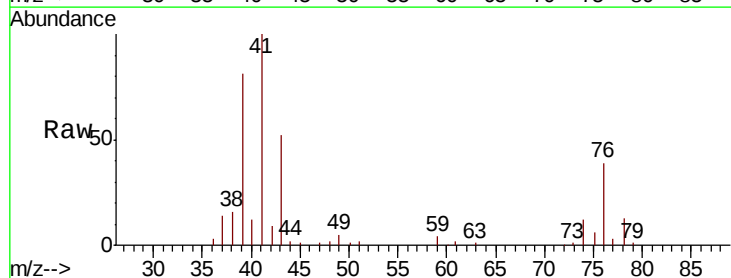
Acq: 25 Dec 2018 00:30

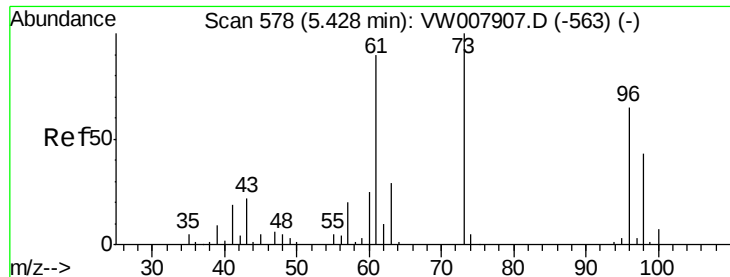
Tgt Ion: 43 Resp: 26934

Ion Ratio Lower Upper

43 100

74 25.5 20.4 30.6





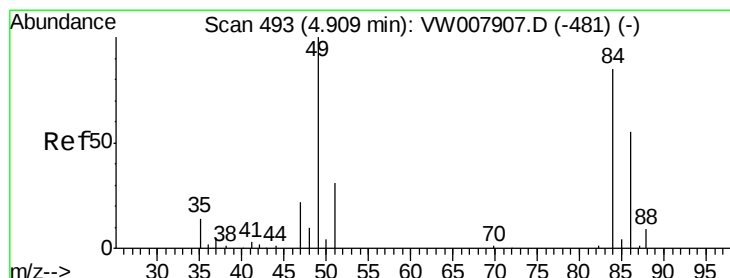
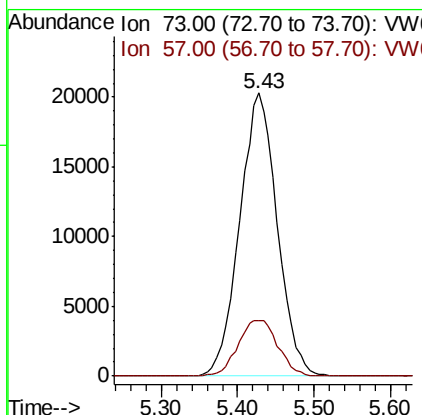
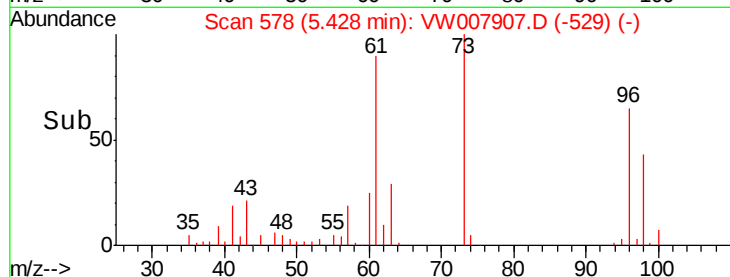
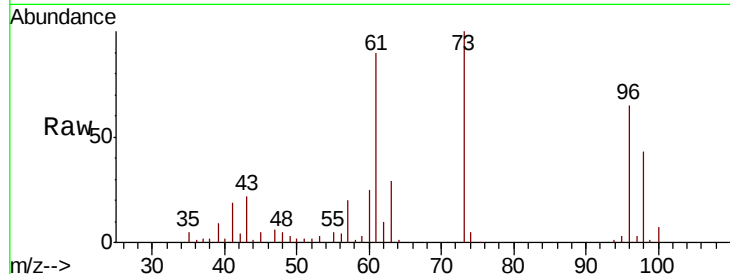
#19
Methvl tert-butvl Ether
Concen: 60.090 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 69062
Ion Ratio Lower Upper
73 100
57 19.8 15.8 23.8

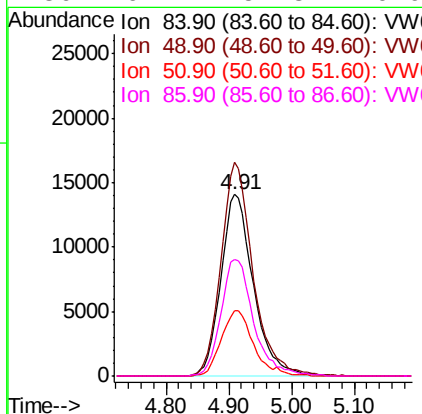
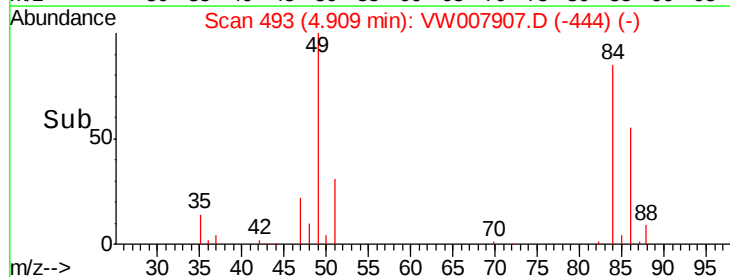
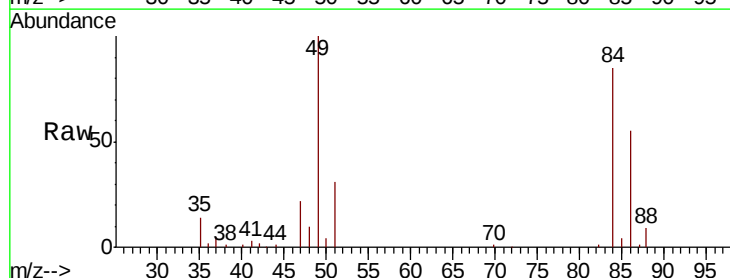
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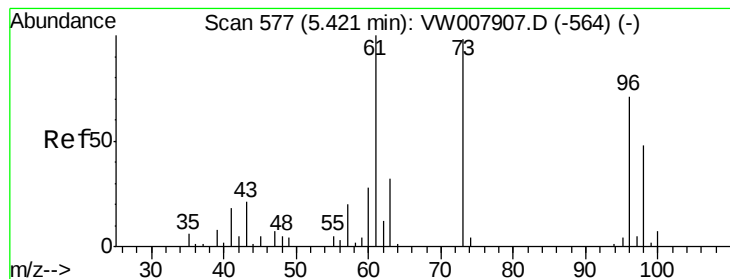
apatel
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#20
Methylene Chloride
Concen: 50.724 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion: 84 Resp: 50479
Ion Ratio Lower Upper
84 100
49 117.5 94.0 141.0
51 35.9 28.7 43.1
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.520 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 42171

Ion Ratio Lower Upper

96 100

61 140.0 112.0 168.0

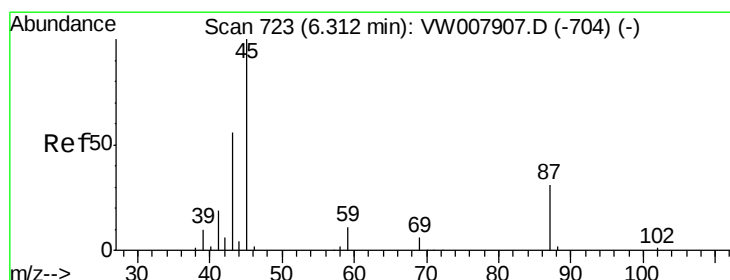
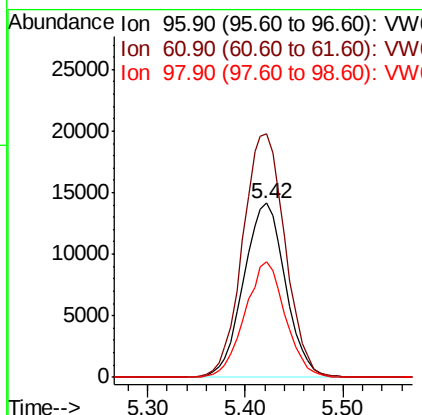
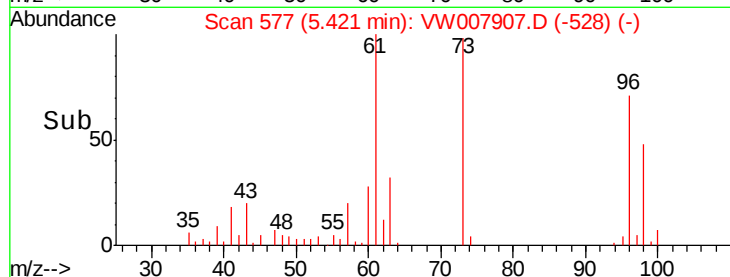
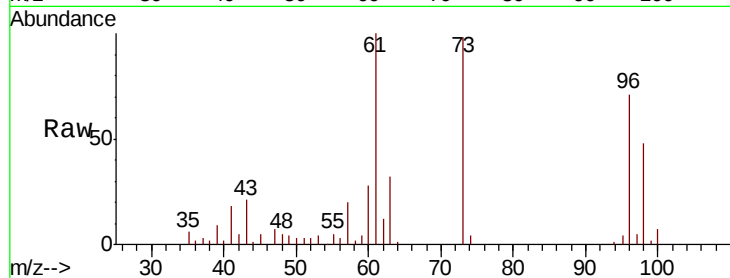
98 66.5 53.2 79.8

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#22

Diisopropyl ether

Concen: 59.707 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Tgt Ion: 45 Resp: 117306

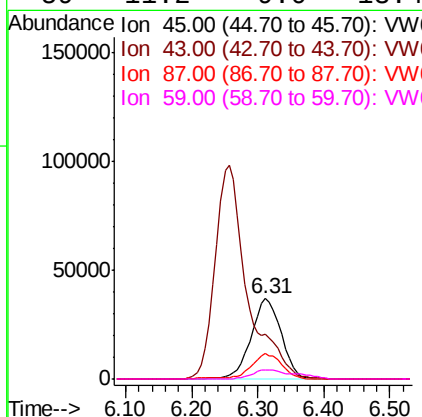
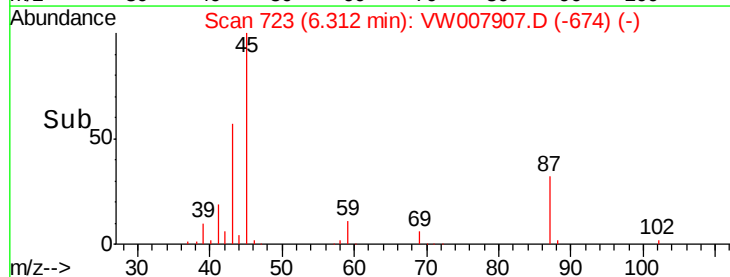
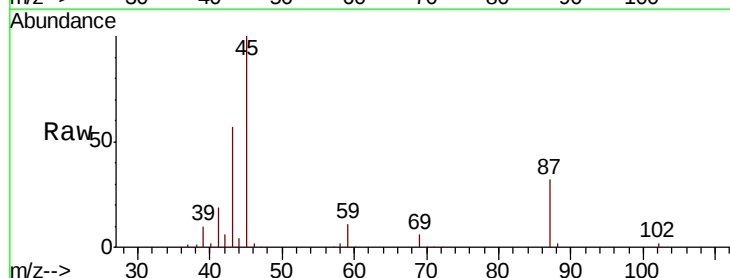
Ion Ratio Lower Upper

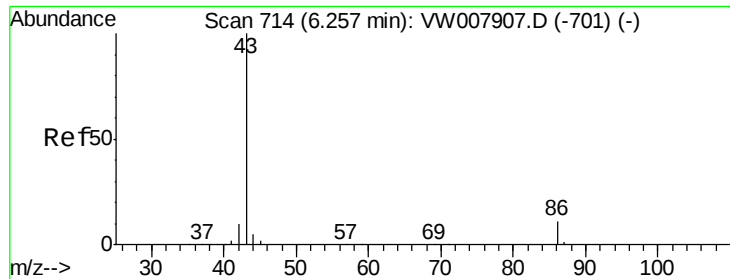
45 100

43 56.2 45.0 67.4

87 31.9 25.5 38.3

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 286.651 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 331133

Ion Ratio Lower Upper

43 100

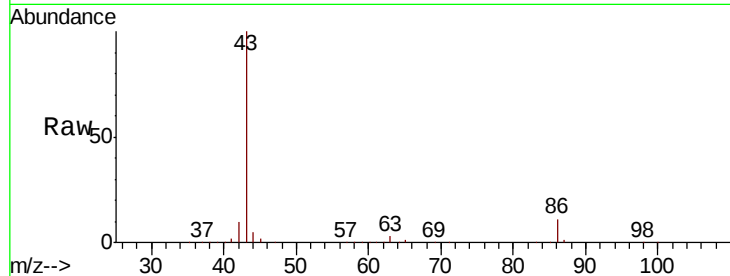
86 11.4 9.1 13.7

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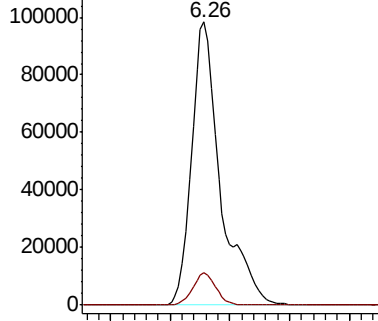
apatel

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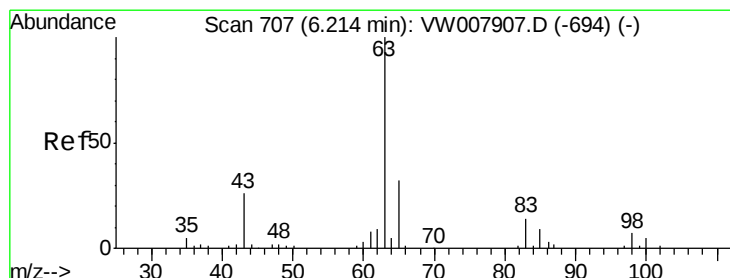
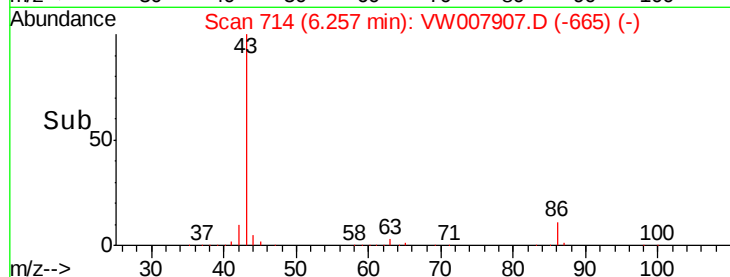


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 53.378 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

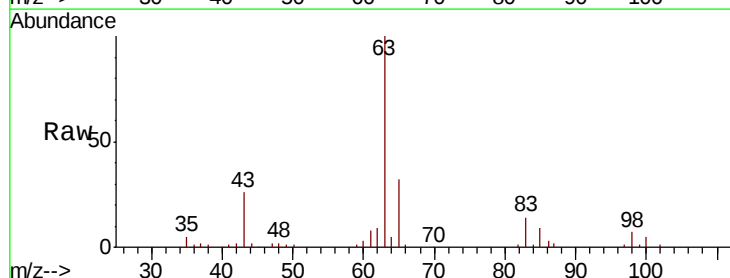
Tgt Ion: 63 Resp: 75717

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

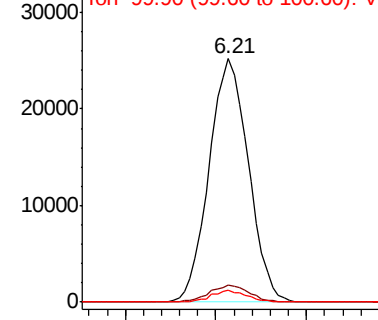
100 5.0 2.5 7.5



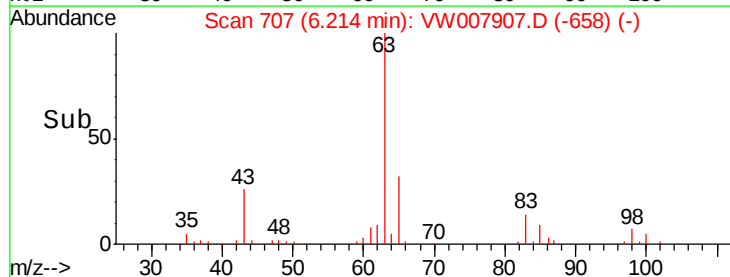
Abundance Ion 62.90 (62.60 to 63.60): VW

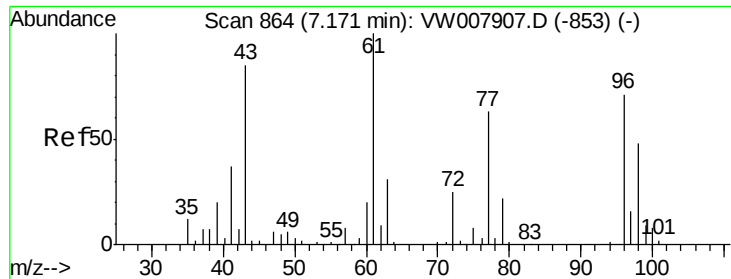
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





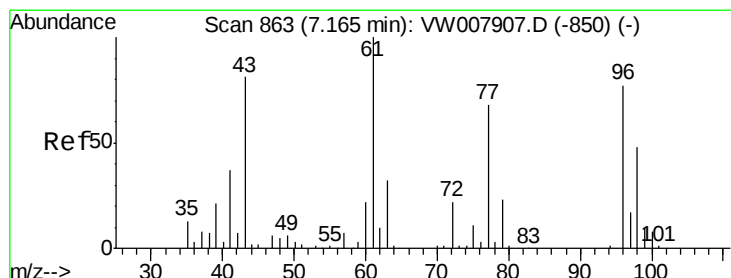
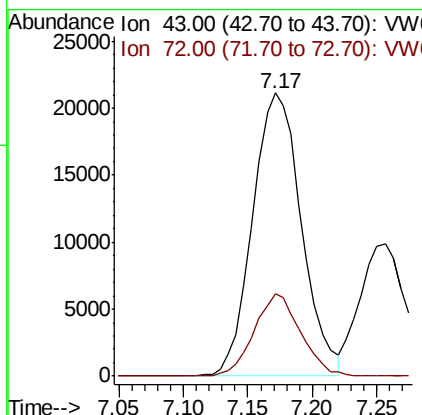
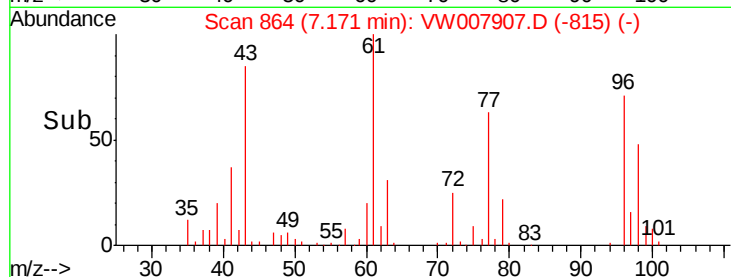
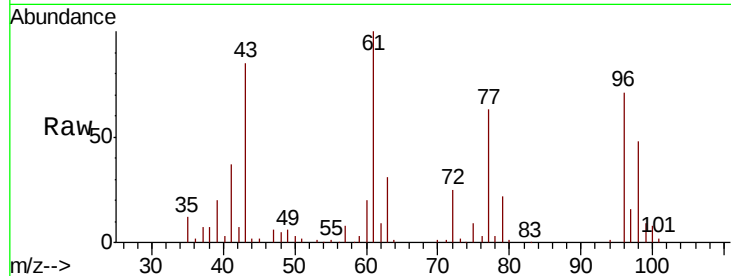
#25
2-Butanone
Concen: 286.904 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 55630
Ion Ratio Lower Upper
43 100
72 29.0 23.2 34.8

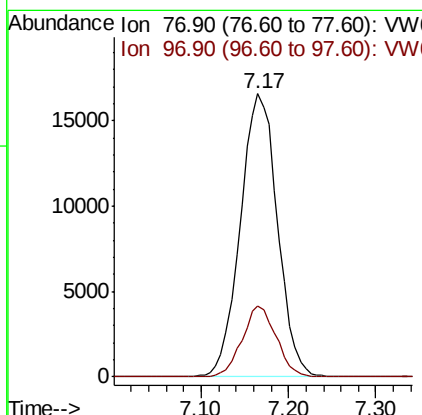
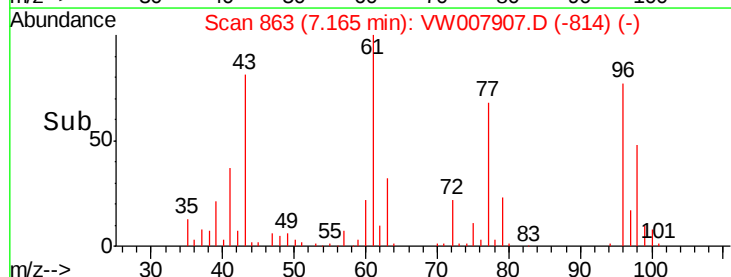
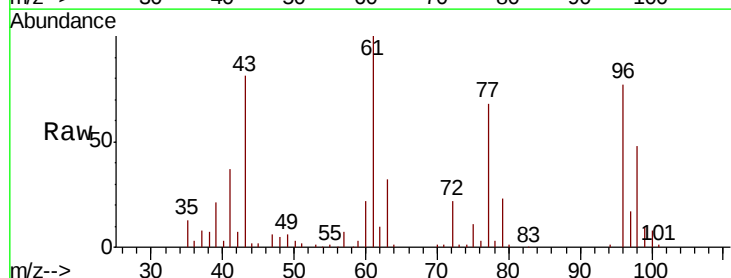
Manual Integrations
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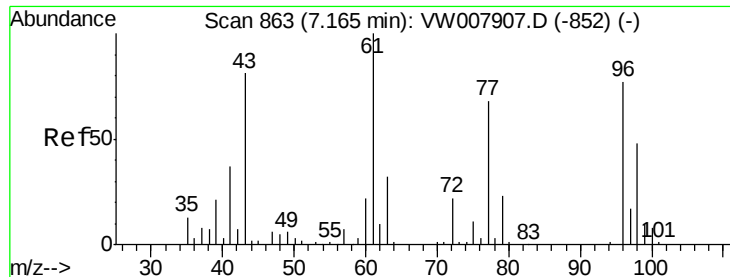
apatel
12/27/2018 11:17:16 AM



#26
2,2-Dichloropropane
Concen: 48.013 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion: 77 Resp: 48910
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4





#27

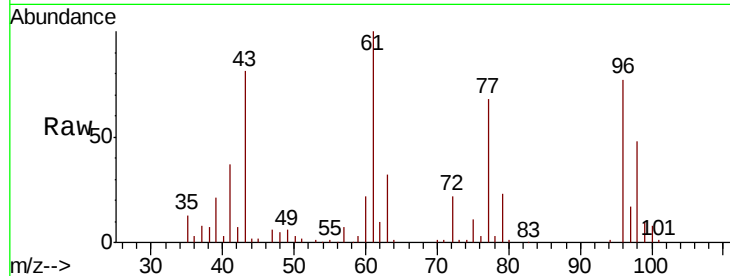
cis-1,2-Dichloroethene
Concen: 52.250 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	279.4
98	63.4	0.0	126.8

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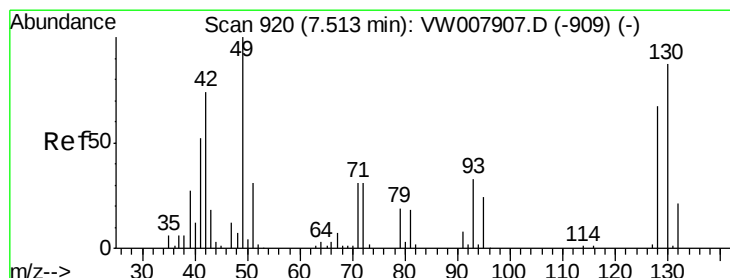
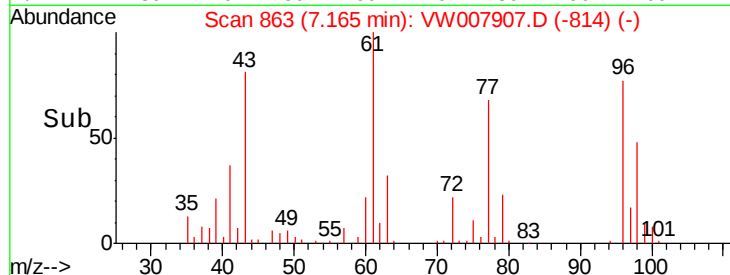
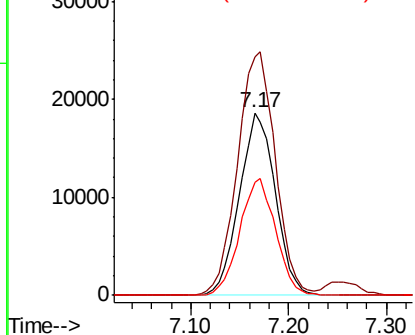


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

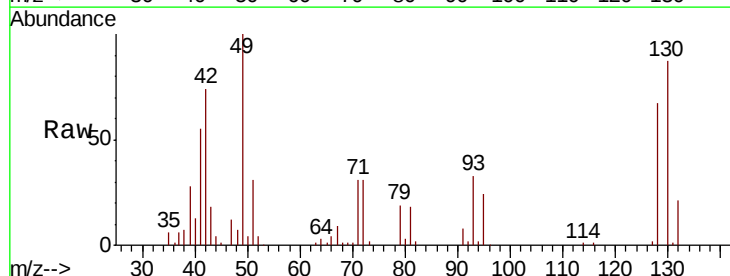
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 56.141 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	88.4	70.7	106.1

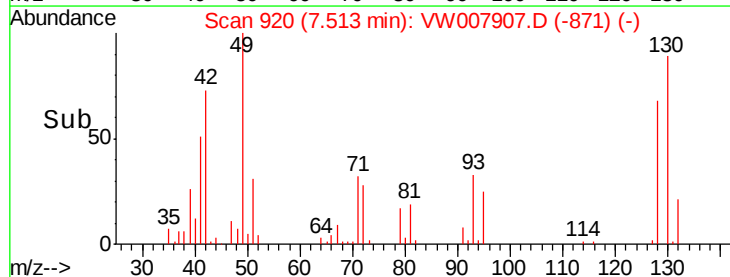
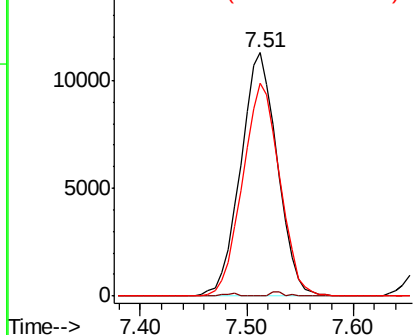


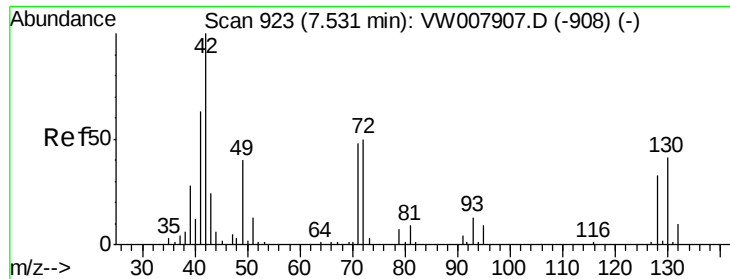
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





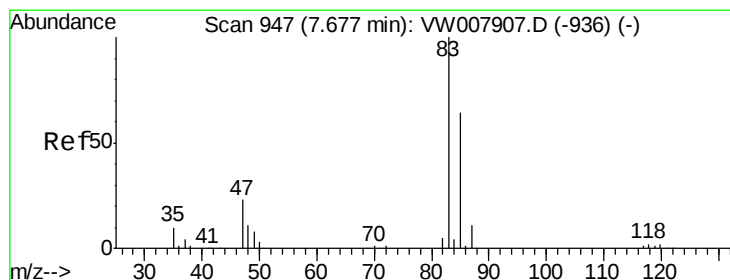
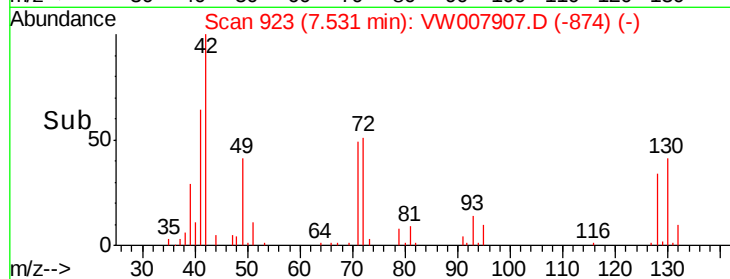
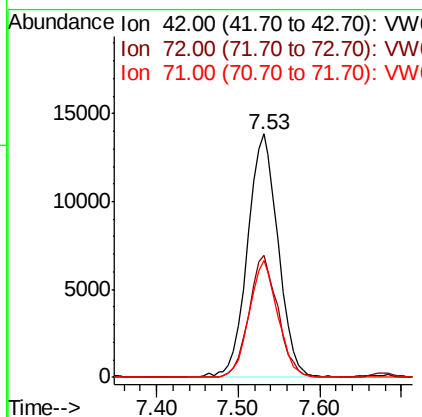
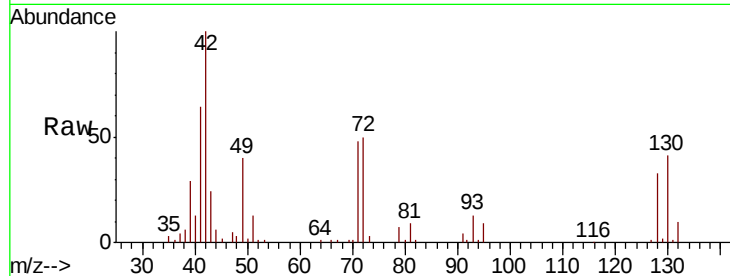
#29
Tetrahydrofuran
Concen: 309.345 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.8	56.8
71	44.7	35.8	53.6

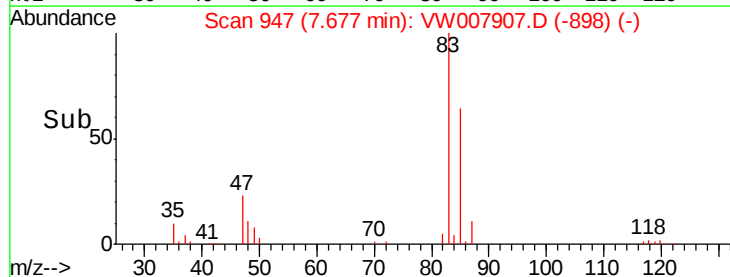
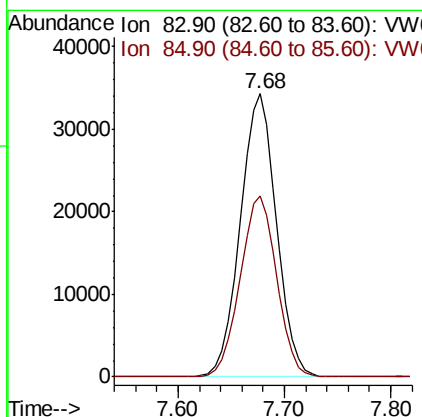
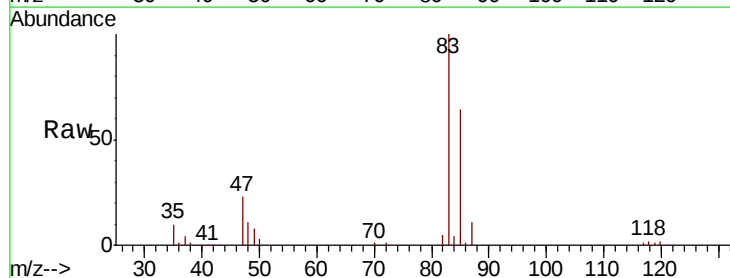
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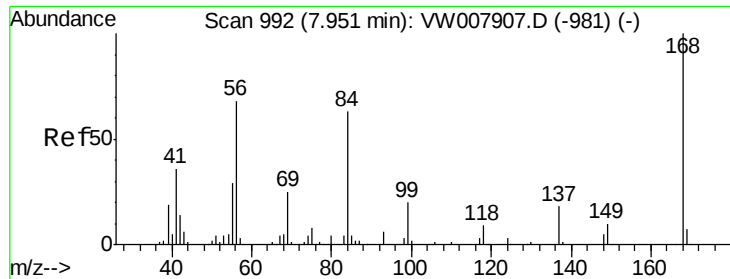
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#30
Chloroform
Concen: 51.345 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9





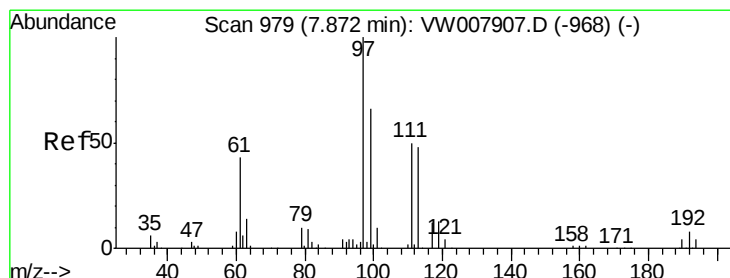
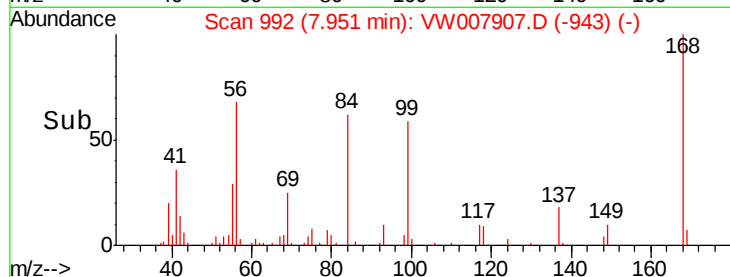
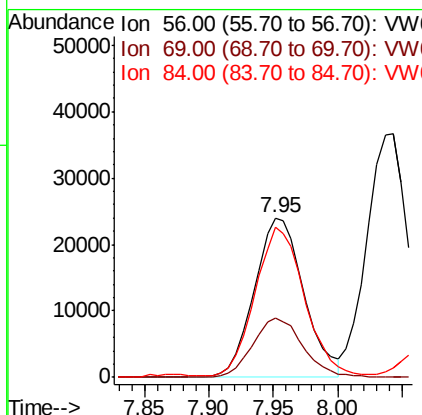
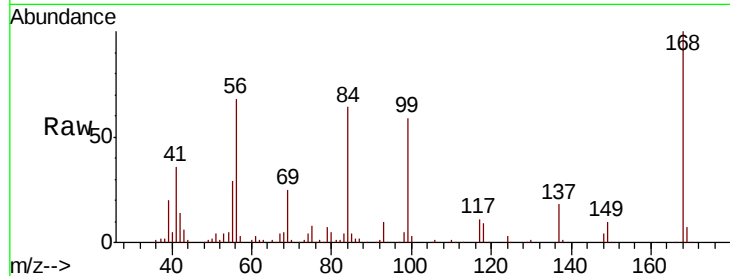
#31
Cyclohexane
Concen: 49.587 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	29.9	44.9
84	93.1	74.5	111.7

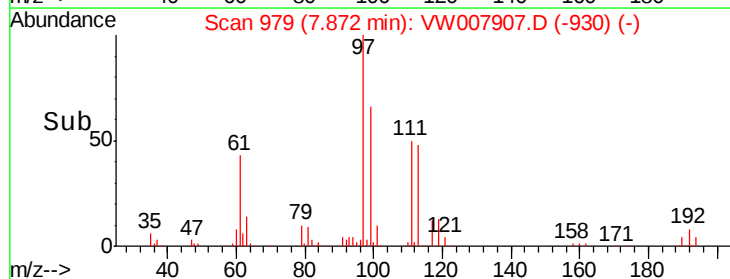
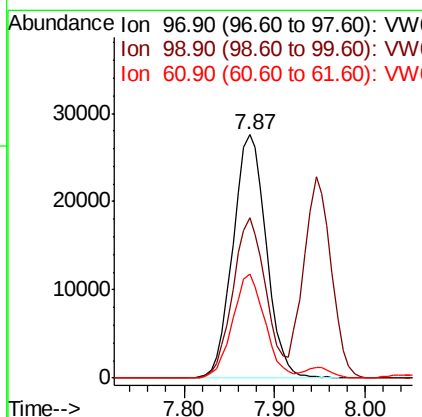
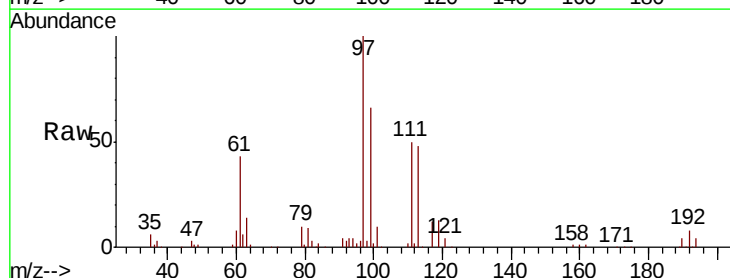
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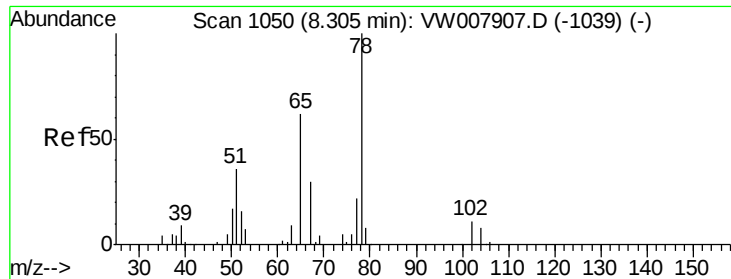
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#32
1,1,1-Trichloroethane
Concen: 49.044 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.7	79.1
61	41.6	33.3	49.9





#33

1,2-Dichloroethane-d4

Concen: 55.338 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 48483

Ion Ratio Lower Upper

65 100

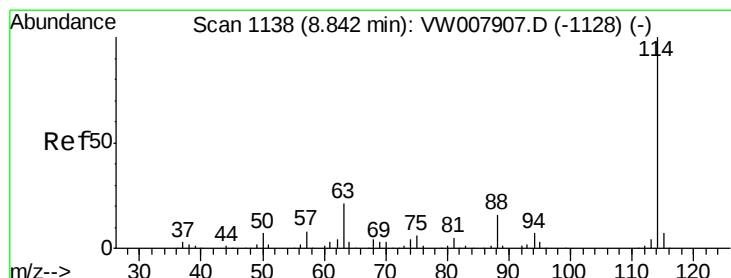
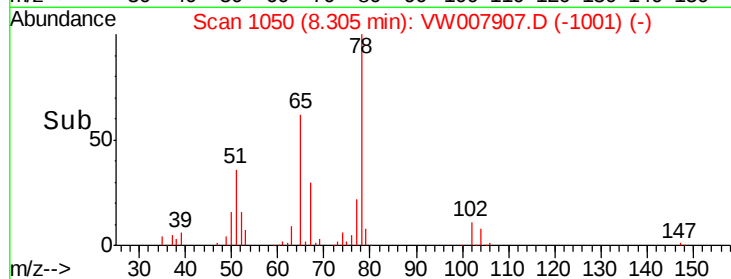
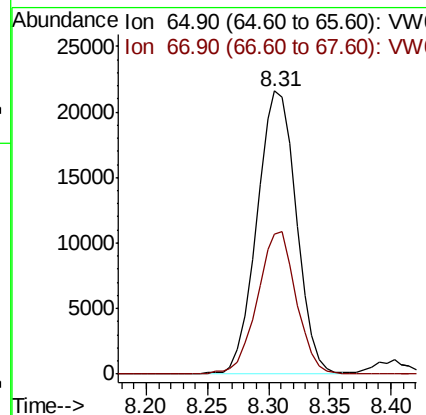
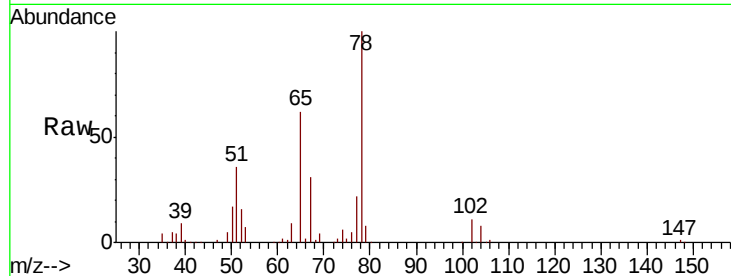
67 49.3 0.0 98.6

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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: VW007907.D

Acq: 25 Dec 2018 00:30

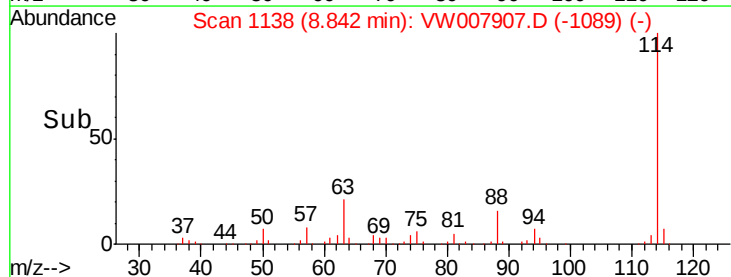
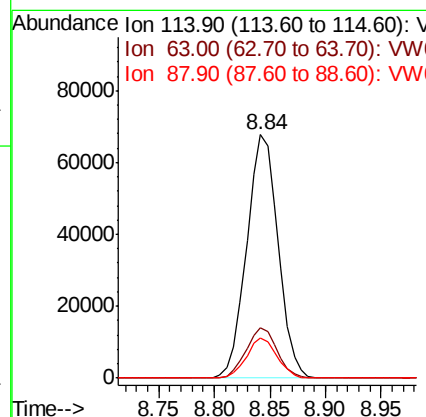
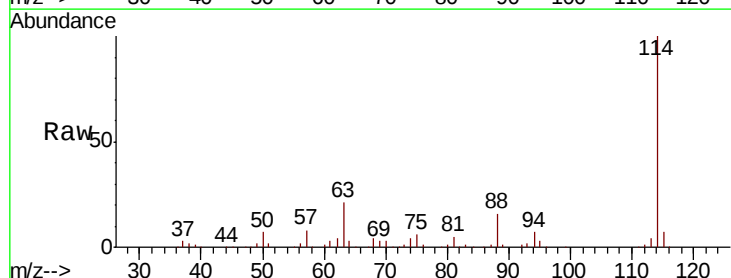
Tgt Ion: 114 Resp: 132901

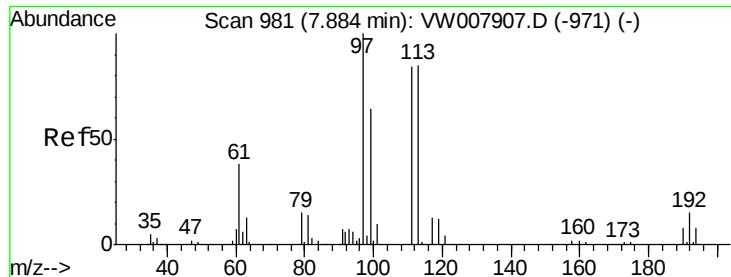
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.121 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

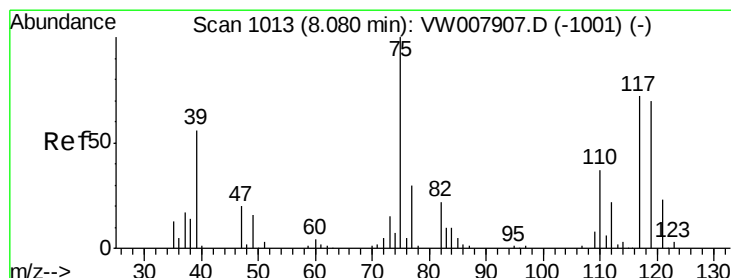
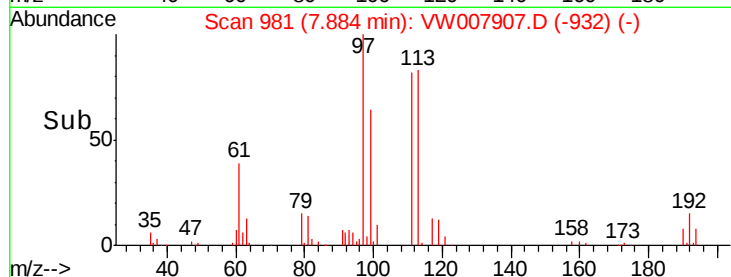
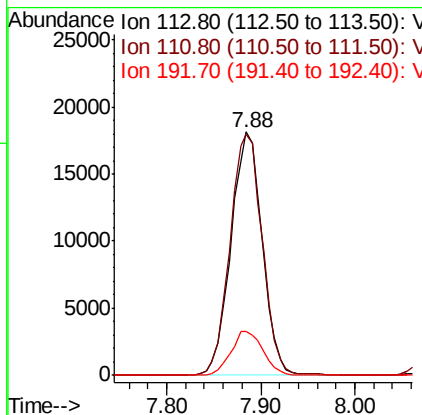
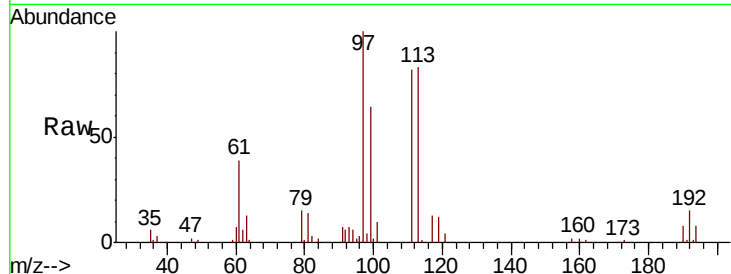
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	41798
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	18.6	14.9	22.3

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#36

1,1-Dichloropropene

Concen: 47.907 ug/l

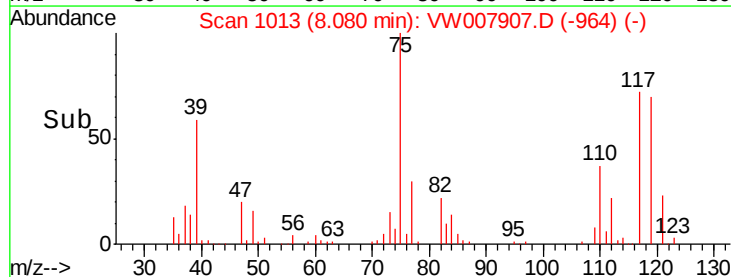
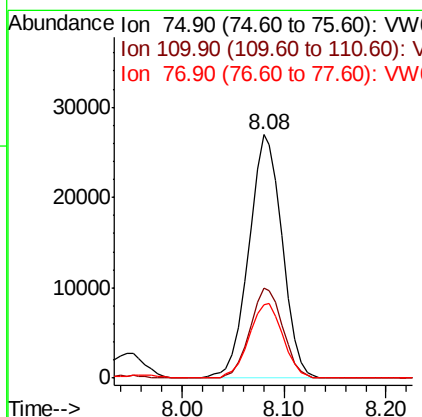
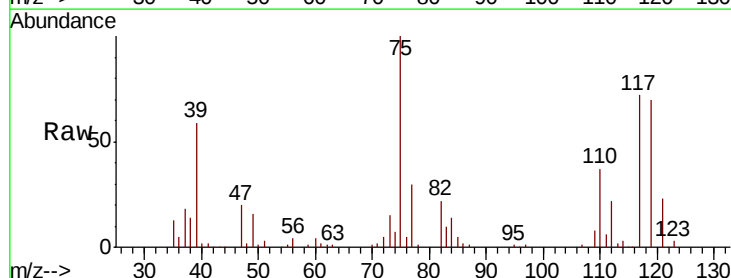
RT: 8.08 min Scan# 1013

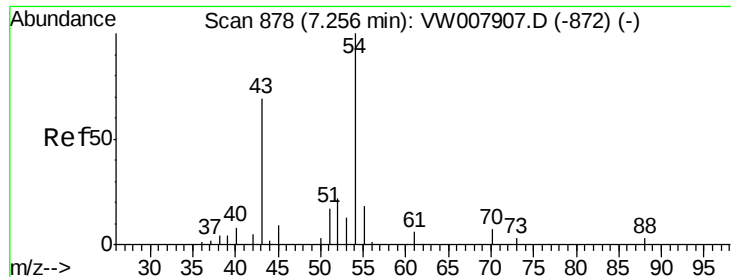
Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Tgt Ion:	75	Resp:	61260
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.2	54.6
77	31.2	25.0	37.4





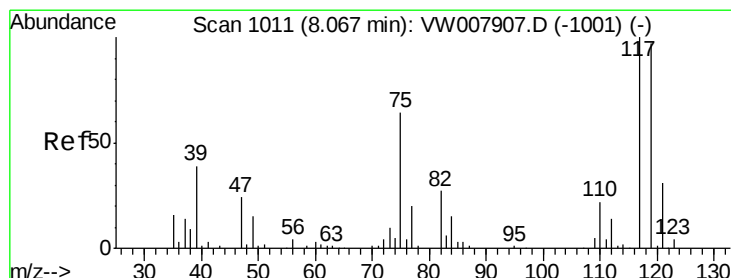
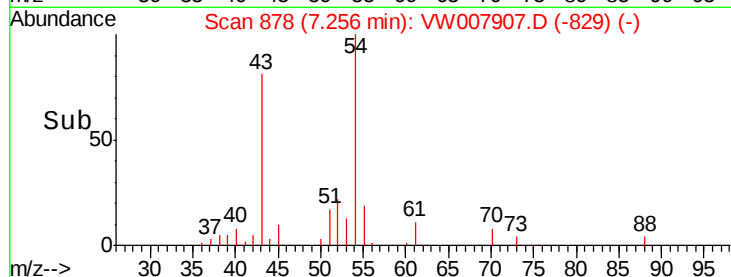
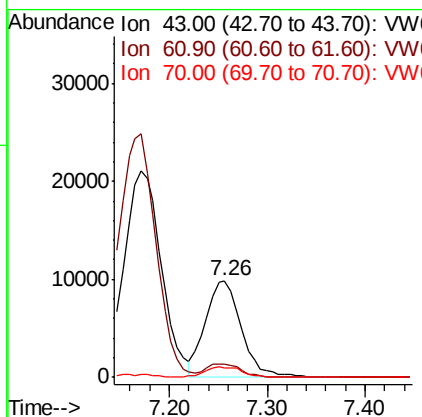
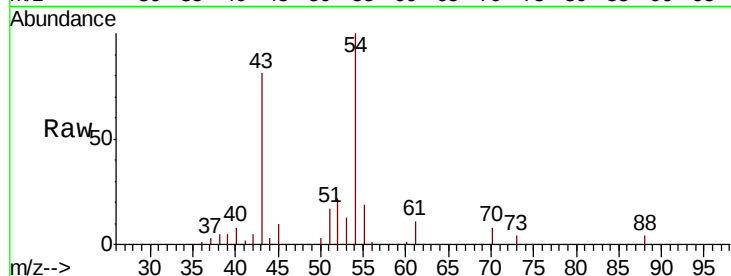
#37
Ethyl Acetate
Concen: 55.654 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:	43	Resp:	25255
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	16.0
70	11.2	9.0	13.4

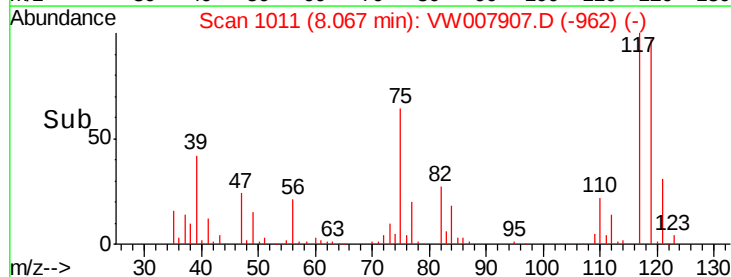
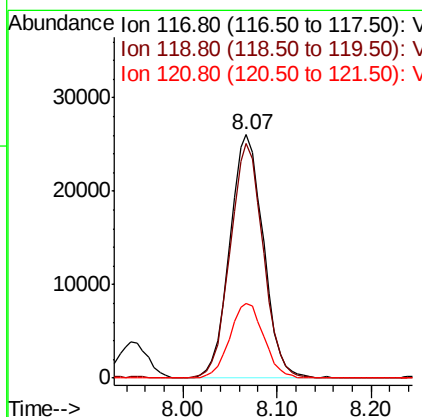
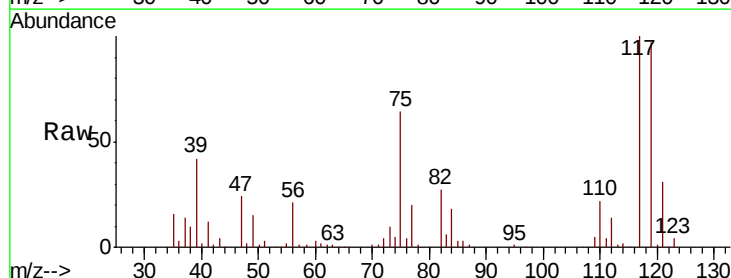
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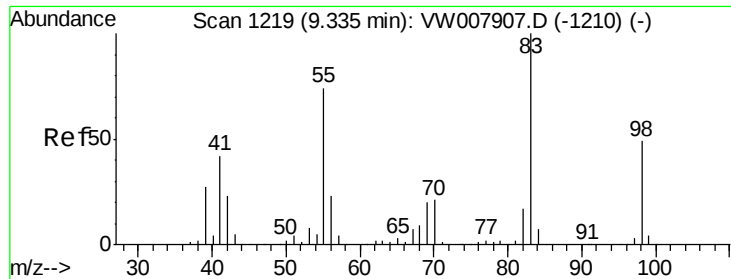
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#38
Carbon Tetrachloride
Concen: 43.734 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion:	117	Resp:	64749
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
121	30.6	24.5	36.7





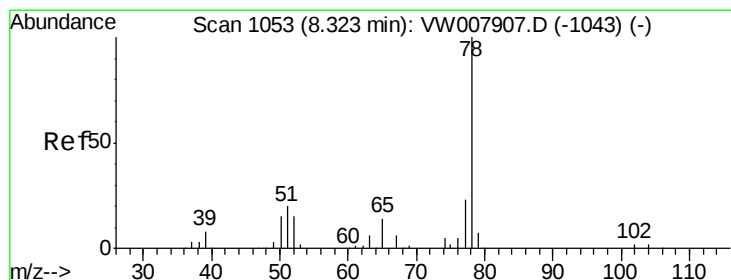
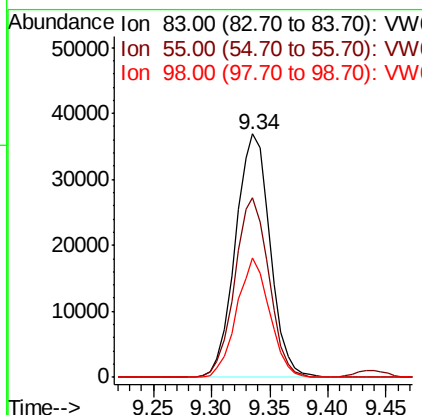
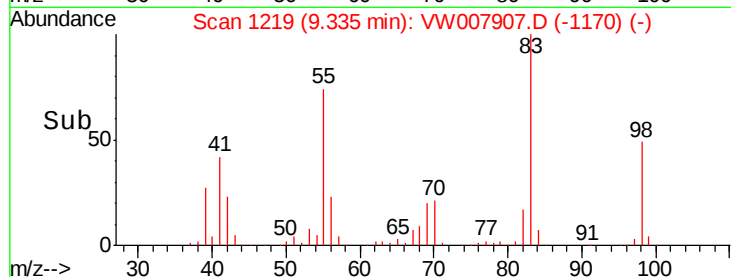
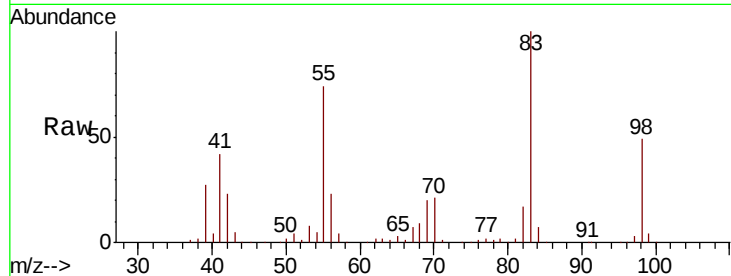
#39
Methvlcvclohexane
Concen: 48.142 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	59.1	88.7
98	49.0	39.2	58.8

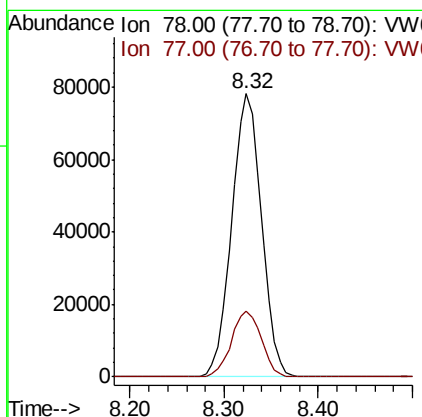
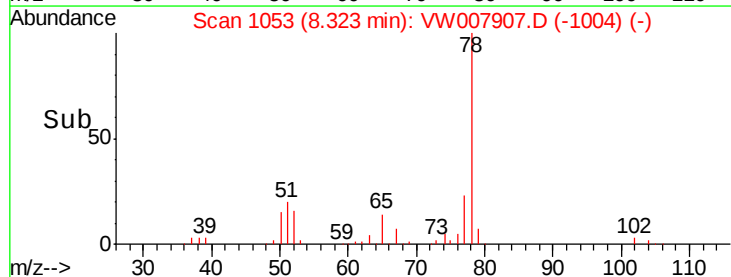
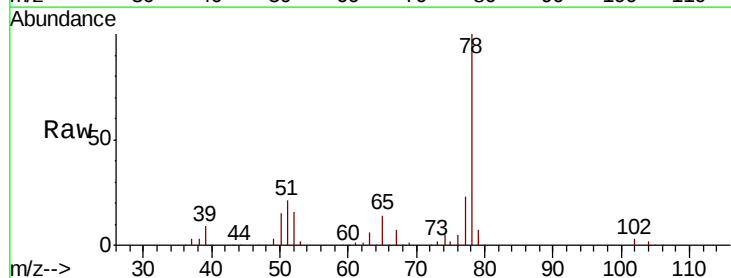
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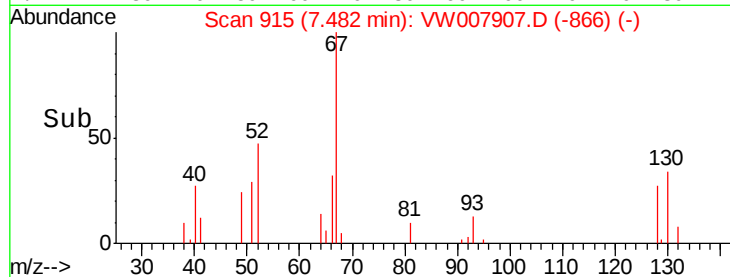
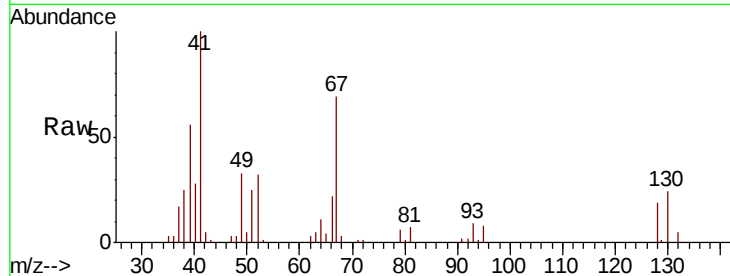
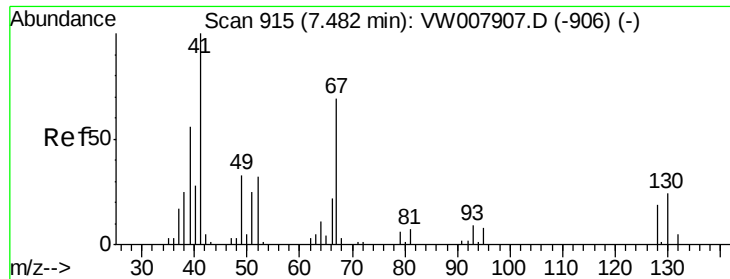
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#40
Benzene
Concen: 49.826 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





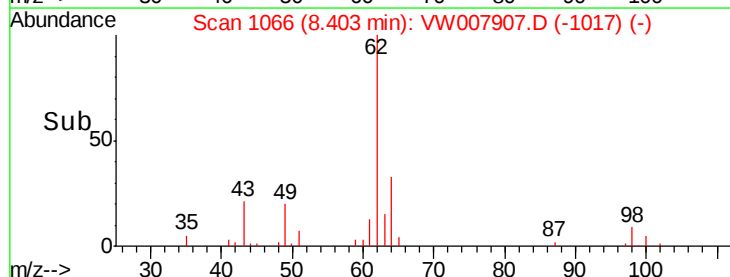
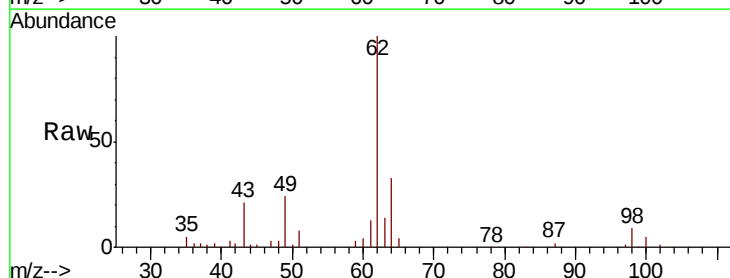
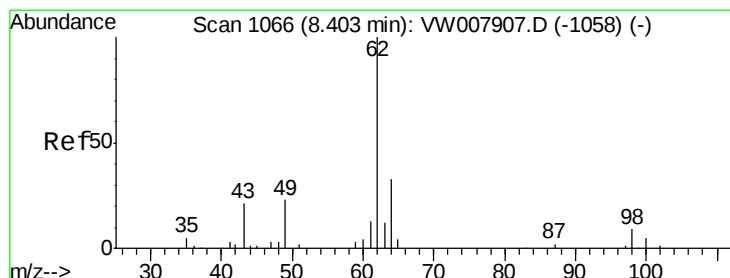
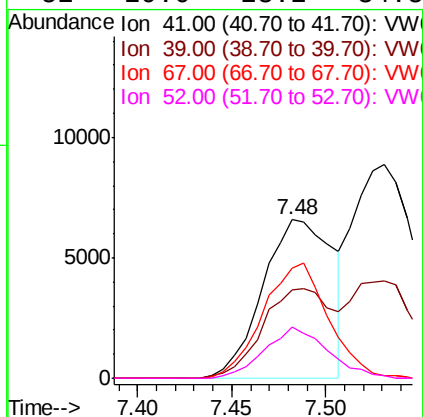
#41
Methacrylonitrile
Concen: 63.980 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tot Ion	41	Resp	17004
Ion Ratio	Lower	Upper	
41	100		
39	56.2	45.0	67.4
67	67.4	53.9	80.9
52	29.0	23.2	34.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

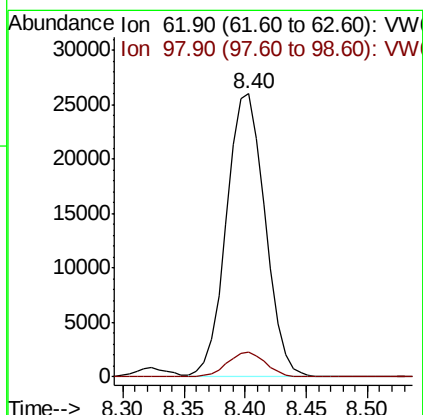
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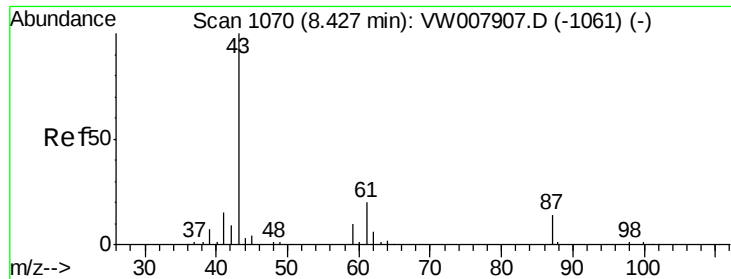
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#42
1,2-Dichloroethane
Concen: 49.563 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	62	Resp	56997
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 56.446 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

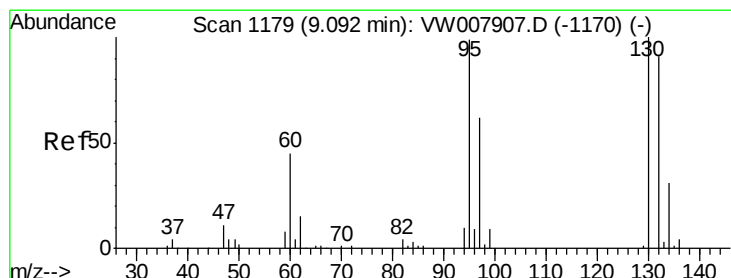
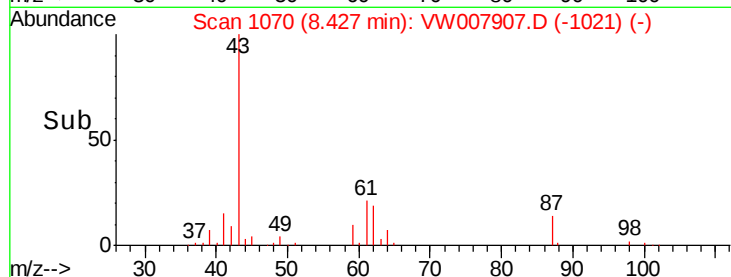
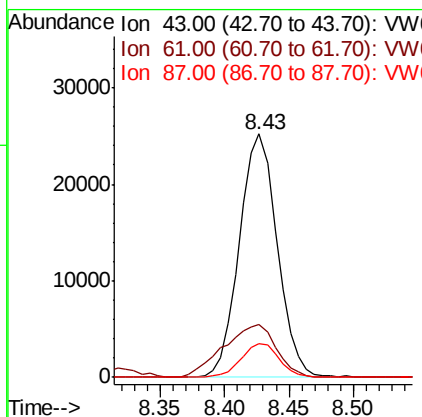
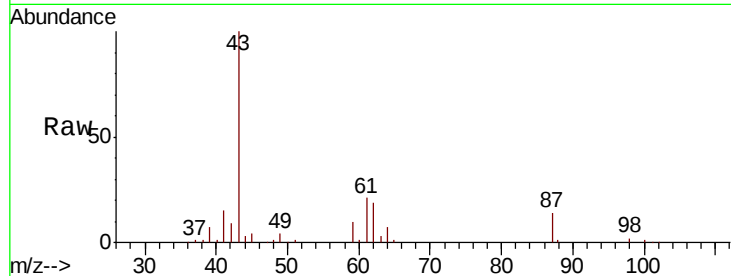
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	51401
Ion	Ratio	Lower	Upper
43	100		
61	30.2	24.2	36.2
87	14.0	11.2	16.8

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#44

Trichloroethene

Concen: 46.586 ug/l

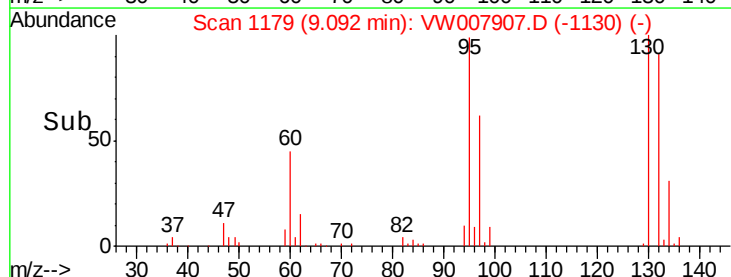
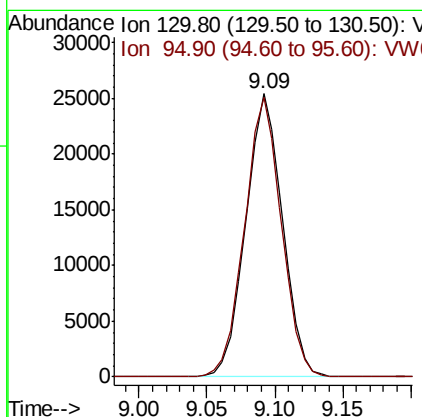
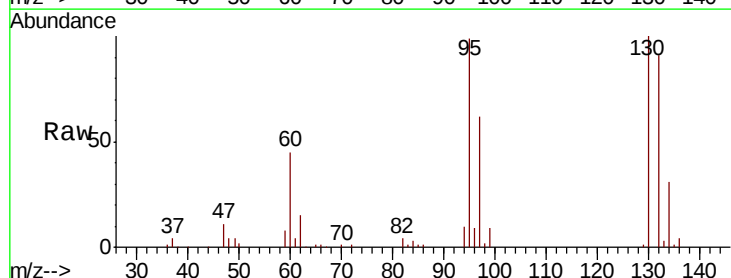
RT: 9.09 min Scan# 1179

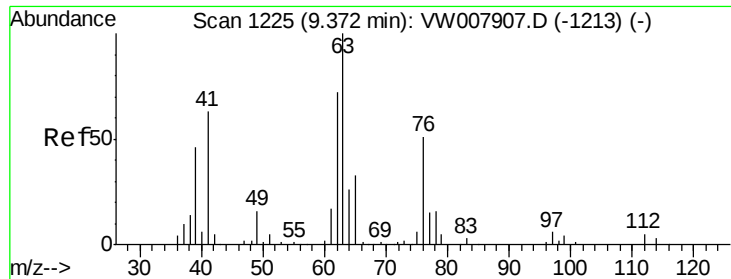
Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Tgt Ion:	130	Resp:	47975
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	197.4





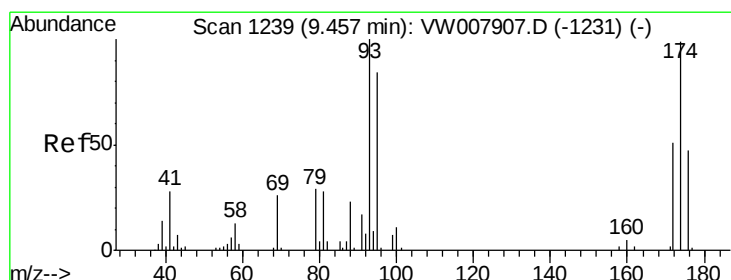
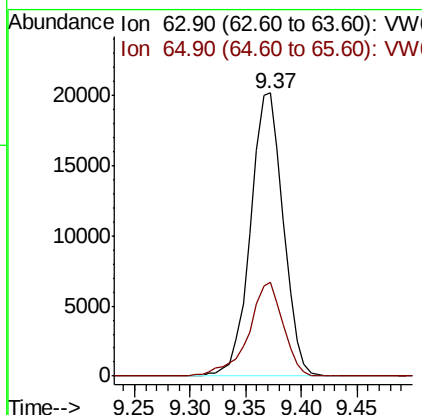
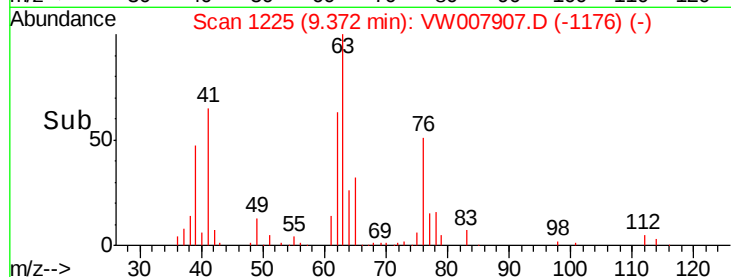
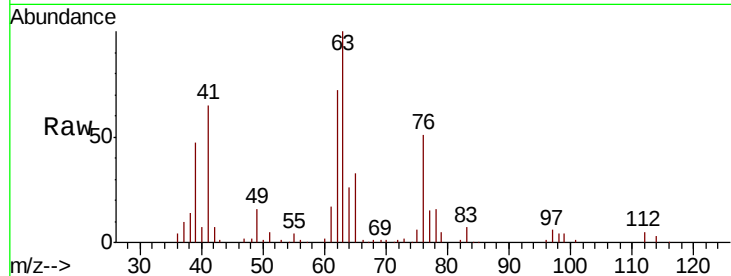
#45
 1,2-Dichloropropane
 Concen: 53.606 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 41352
 Ion Ratio Lower Upper
 63 100
 65 33.0 26.4 39.6

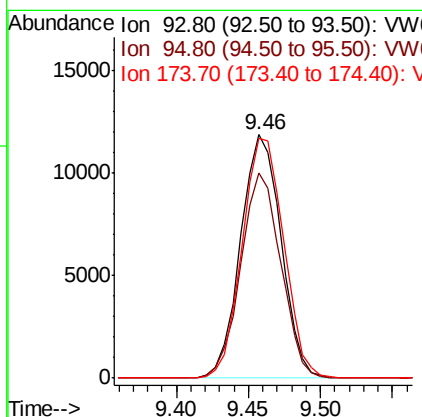
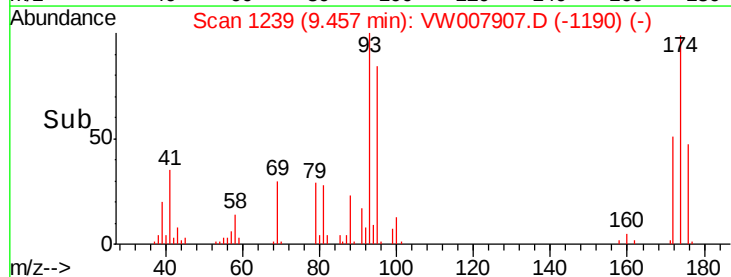
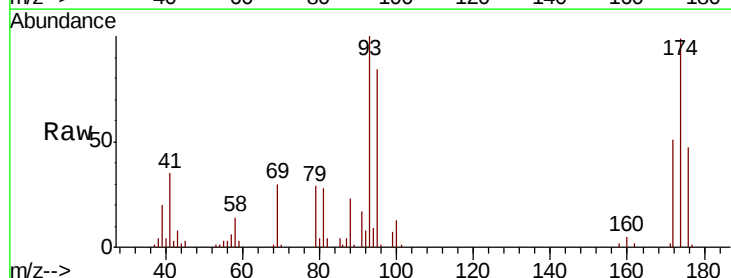
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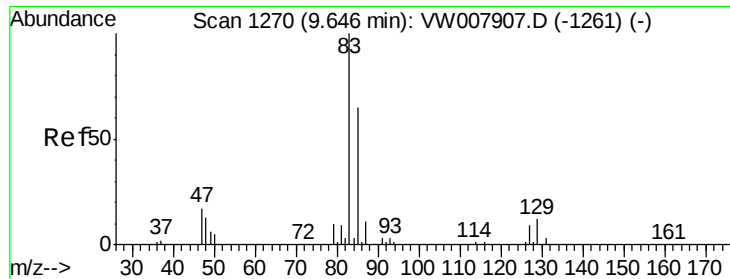
apatel
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#46
 Dibromomethane
 Concen: 49.344 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion: 93 Resp: 23085
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 101.2 81.0 121.4





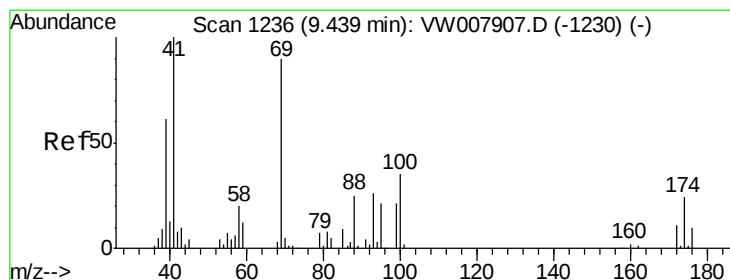
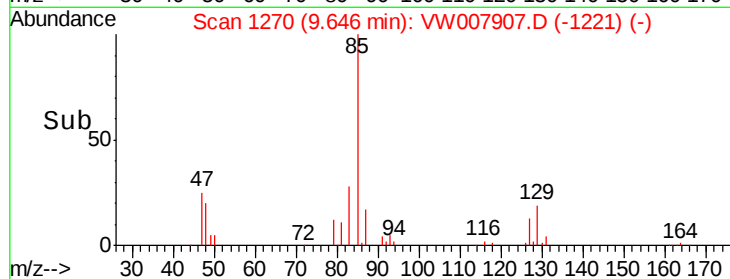
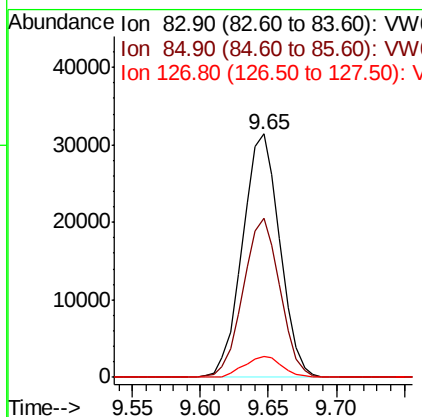
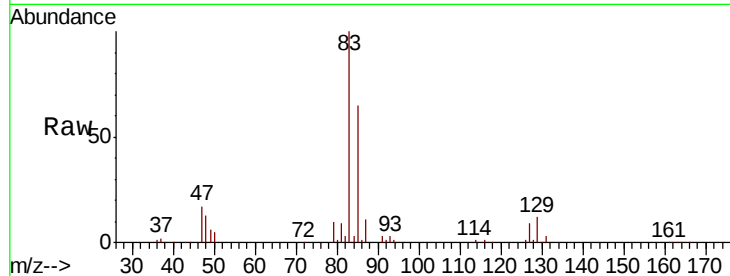
#47
 Bromodichloromethane
 Concen: 48.989 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	83	Resp	60187
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	52.2	78.4
127	8.5	6.8	10.2

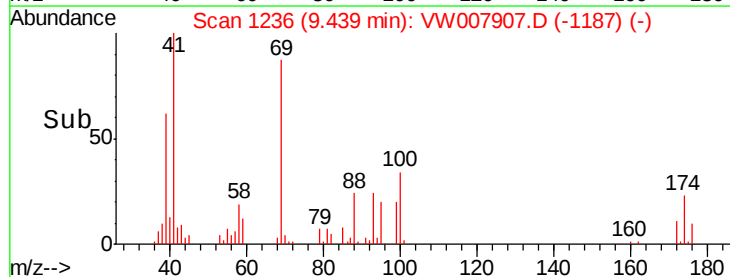
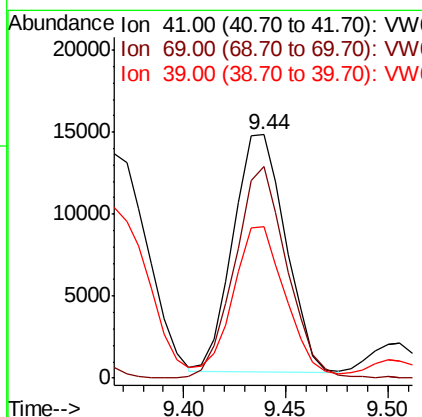
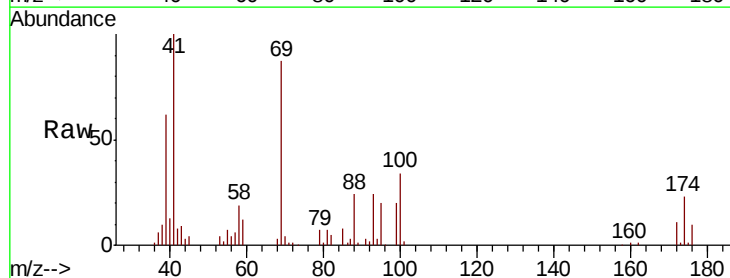
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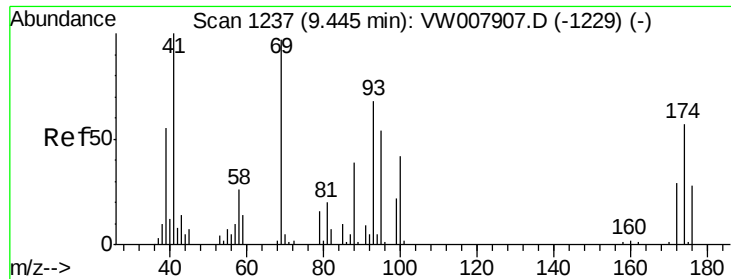
apatel
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#48
 Methyl methacrylate
 Concen: 56.889 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion	41	Resp	25941
Ion Ratio	100	Lower	Upper
41	100		
69	88.0	70.4	105.6
39	64.6	51.7	77.5





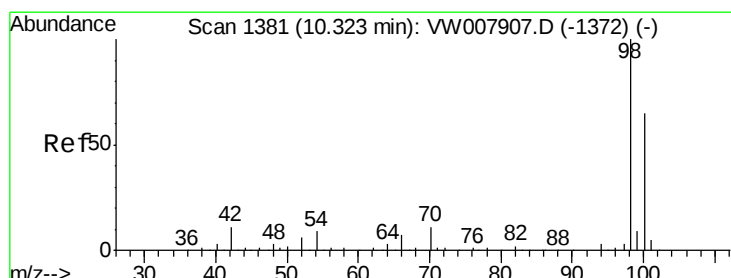
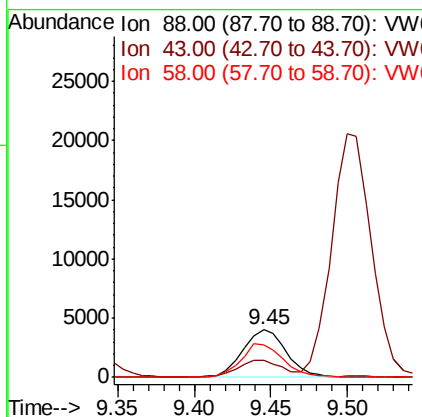
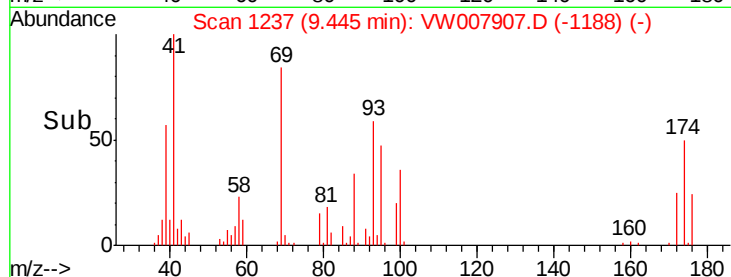
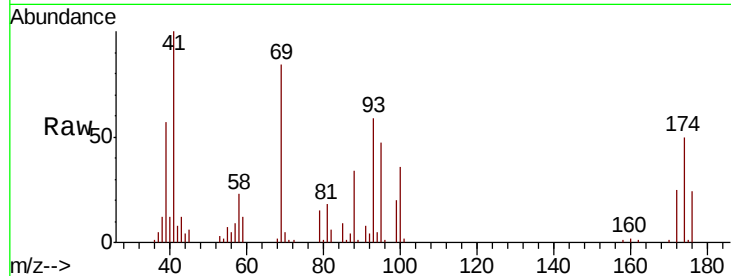
#49
1,4-Dioxane
Concen: 1059.280 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	30.9	46.3
58	69.2	55.4	83.0

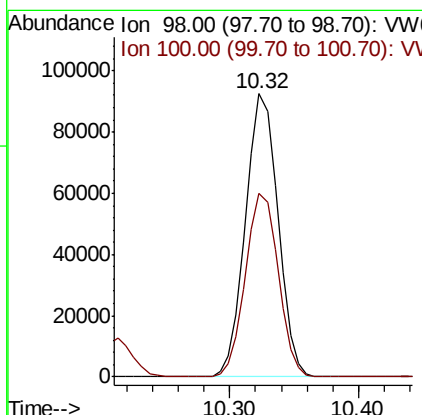
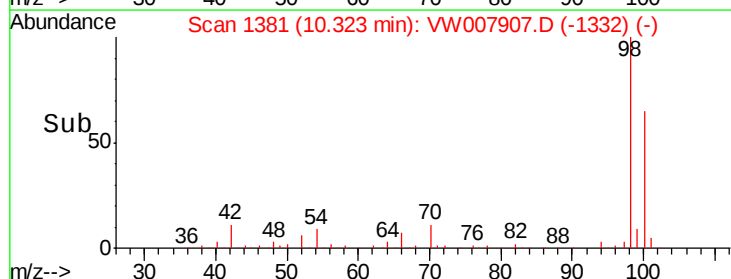
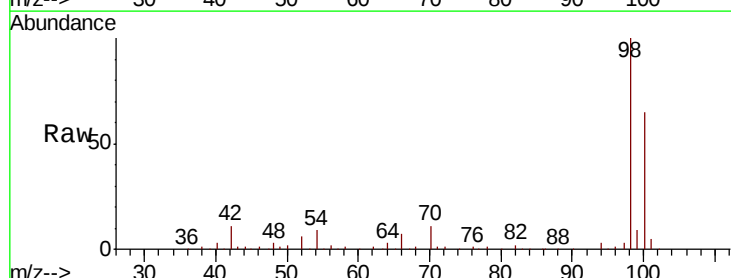
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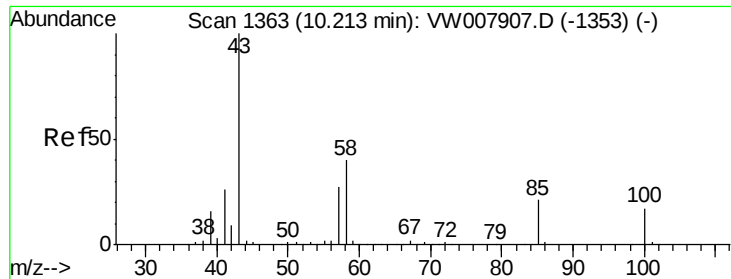
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#50
Toluene-d8
Concen: 52.271 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





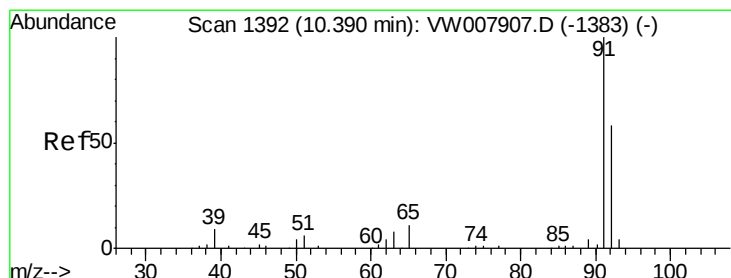
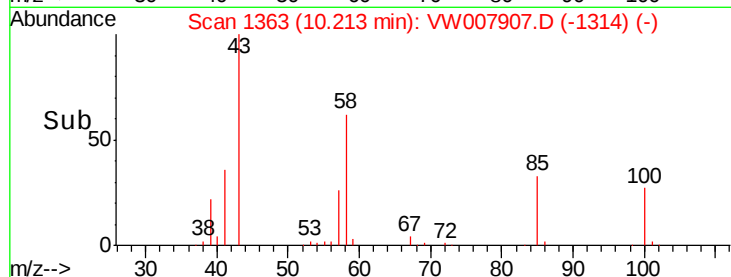
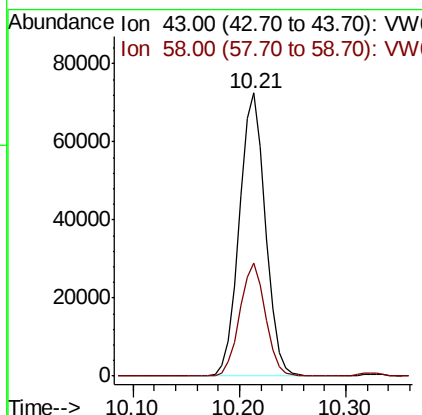
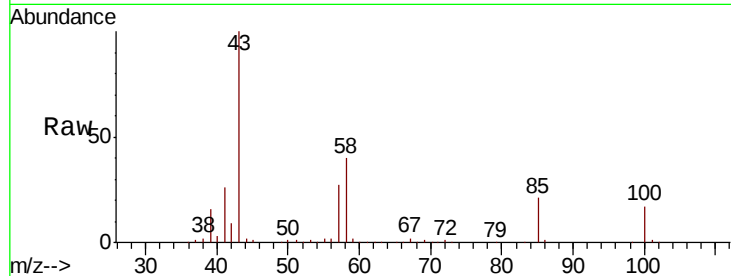
#51
4-Methyl-2-Pentanone
Concen: 288.034 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	39.5		31.6	47.4	

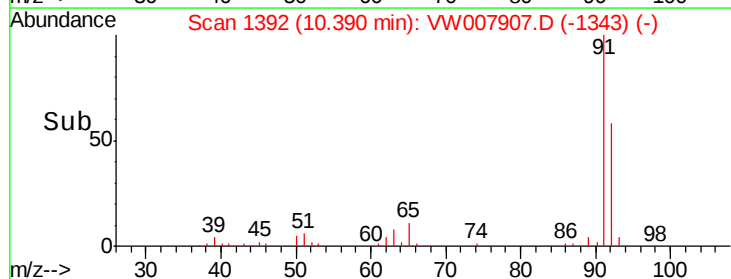
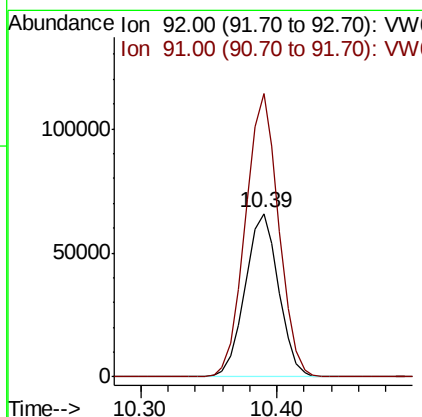
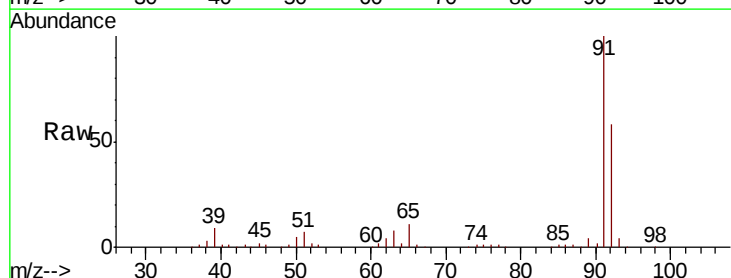
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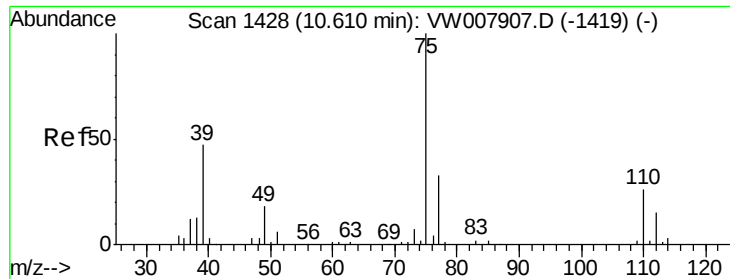
apatel
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#52
Toluene
Concen: 49.126 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	172.5		138.0	207.0	





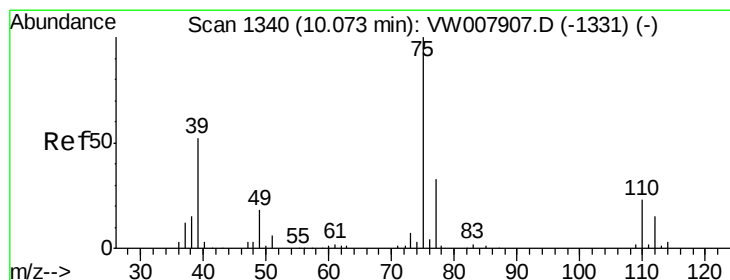
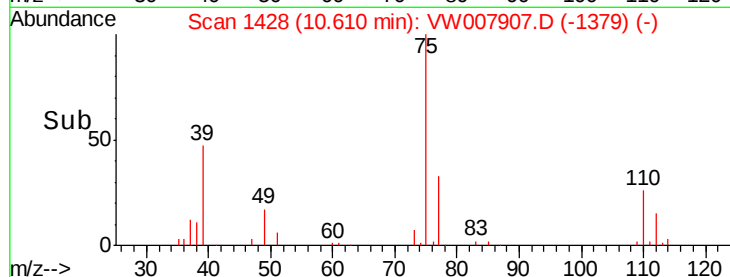
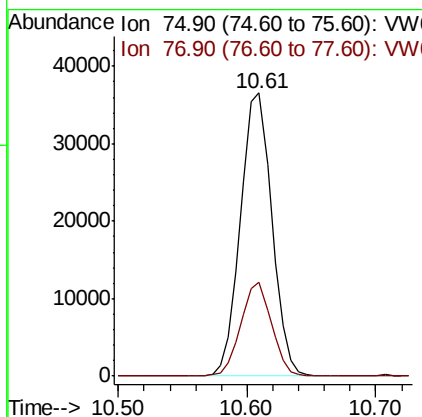
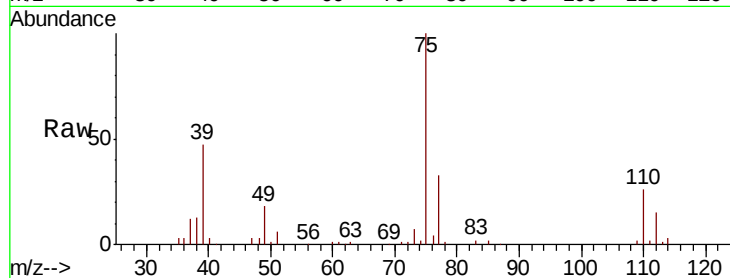
#53
 t-1,3-Dichloropropene
 Concen: 50.227 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 75 Resp: 61781
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.4 39.6

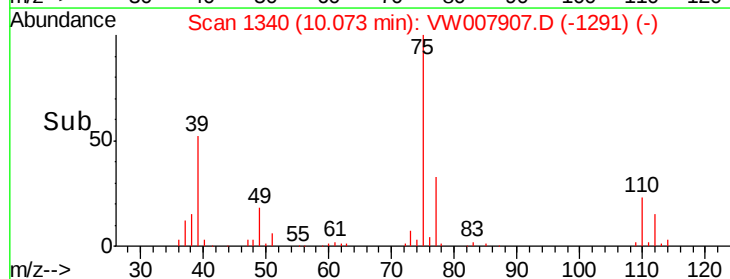
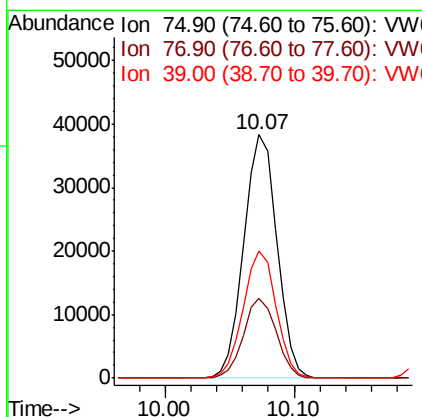
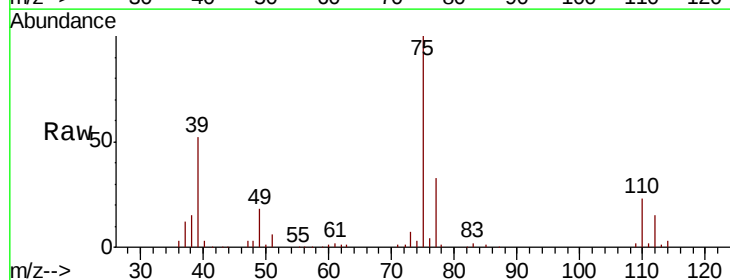
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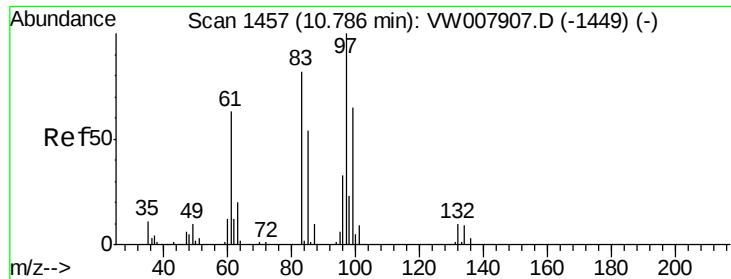
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#54
 cis-1,3-Dichloropropene
 Concen: 50.106 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion: 75 Resp: 68077
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.2 39.2
 39 52.2 41.8 62.6





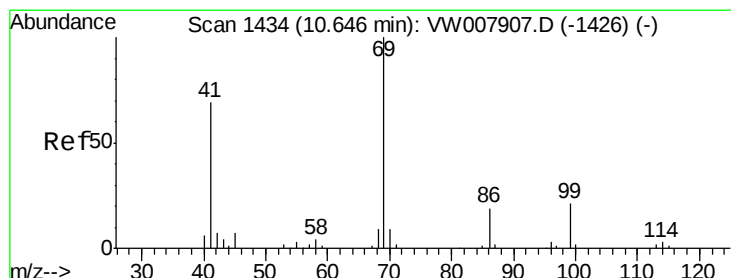
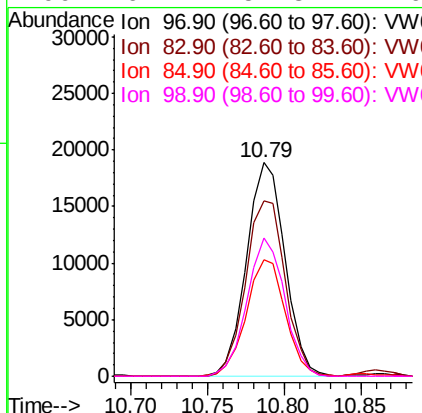
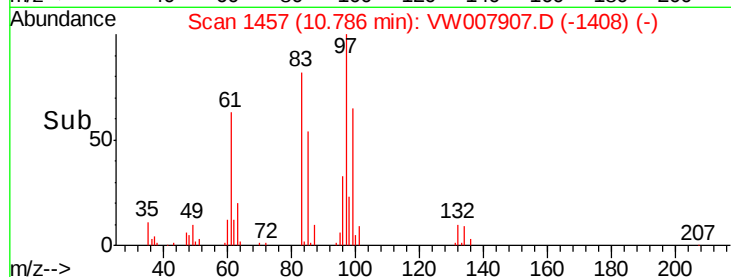
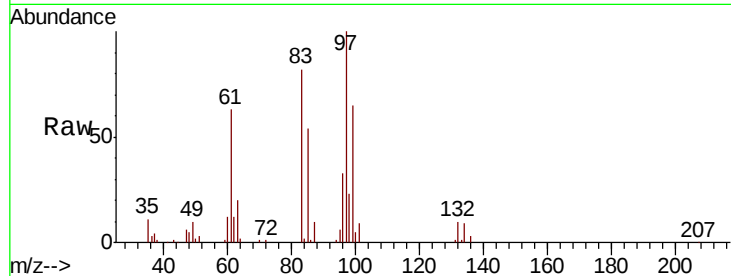
#55
 1,1,2-Trichloroethane
 Concen: 50.614 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	32983
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.8	98.6
85	54.4	43.5	65.3
99	64.7	51.8	77.6

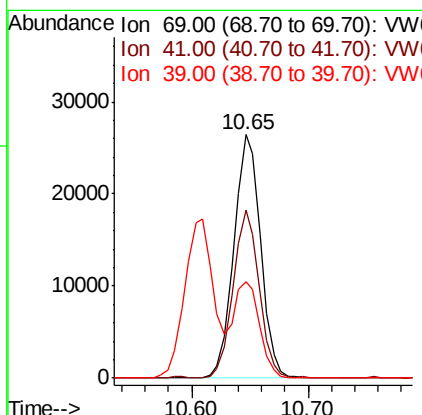
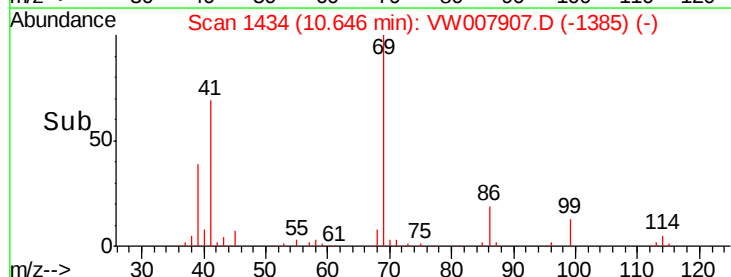
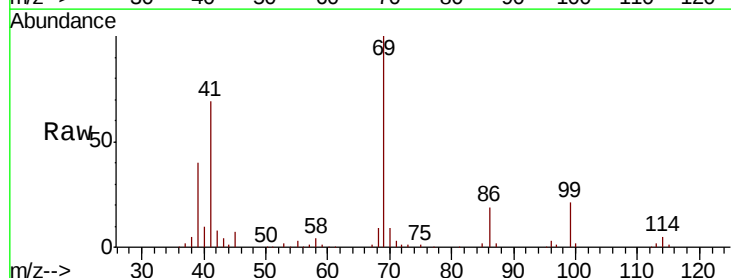
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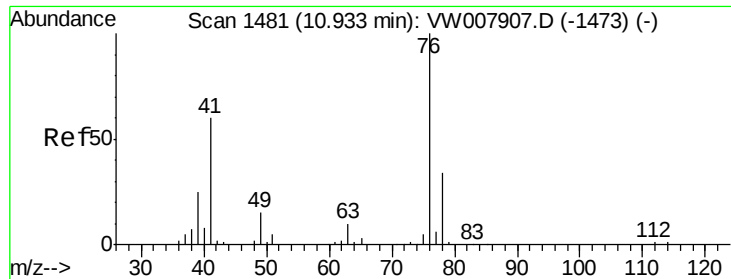
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#56
 Ethyl methacrylate
 Concen: 54.745 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion:	69	Resp:	42280
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.0	81.0
39	38.9	31.1	46.7





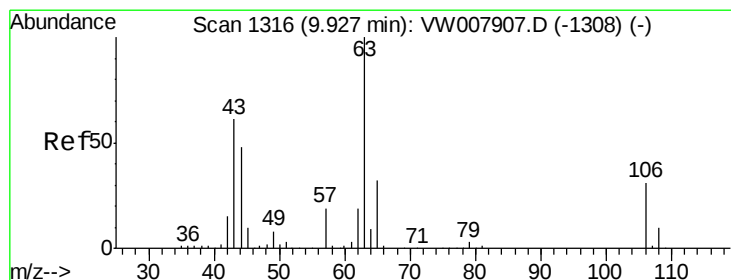
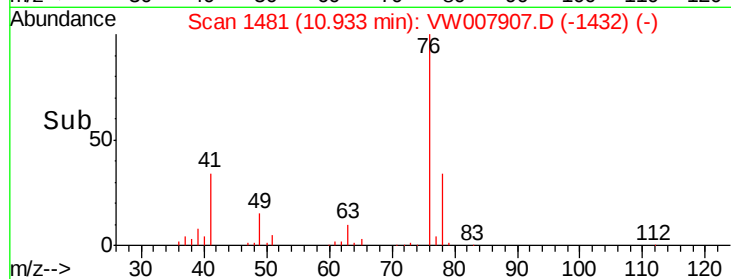
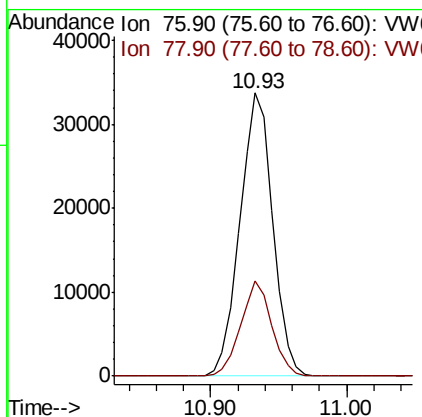
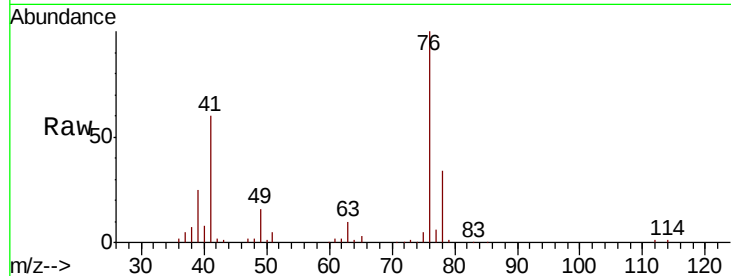
#57
 1,3-Dichloropropane
 Concen: 52.233 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 56766
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3

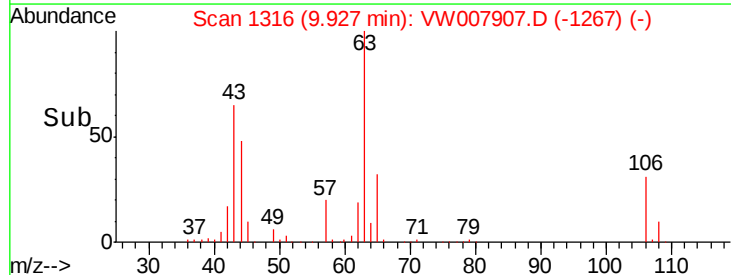
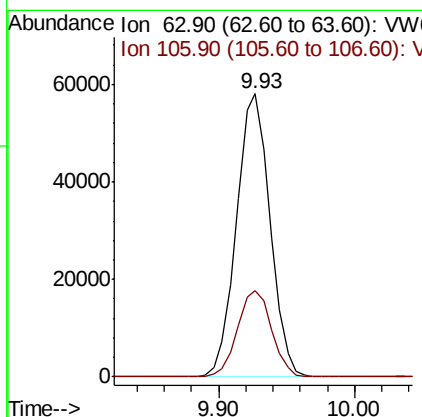
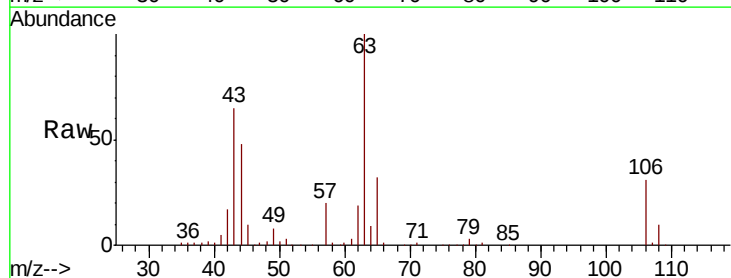
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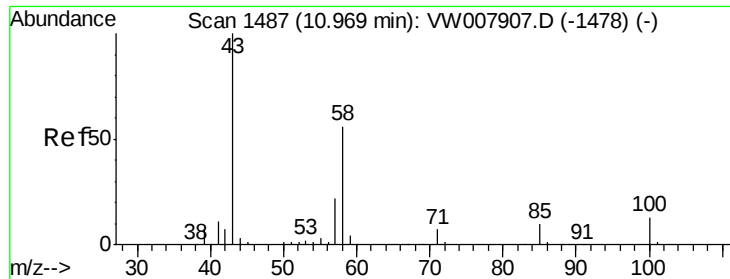
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 281.224 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion: 63 Resp: 99950
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.8 37.2





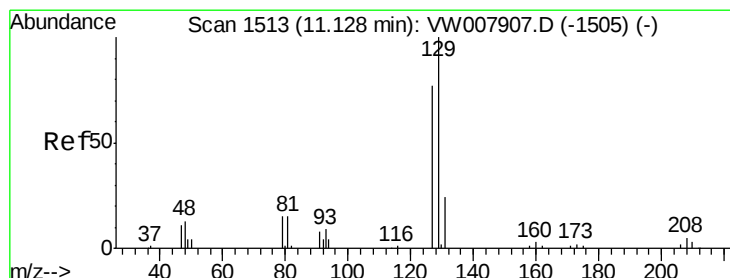
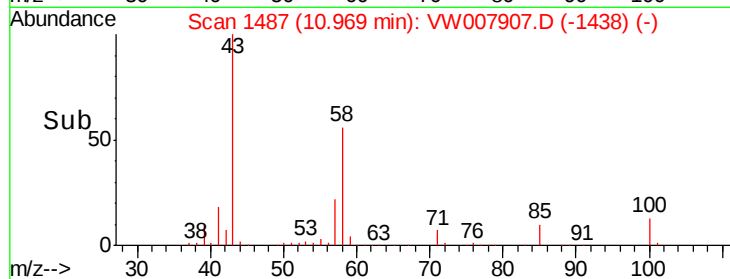
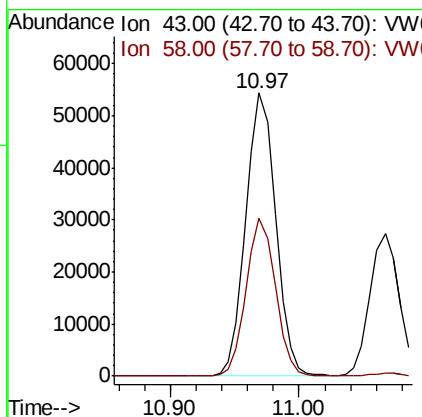
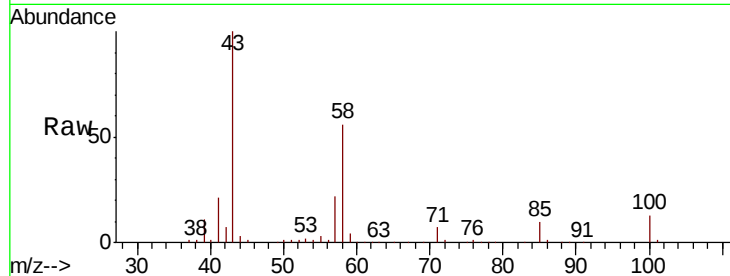
#59
2-Hexanone
Concen: 288.567 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 87526
Ion Ratio Lower Upper
43 100
58 54.7 27.4 82.0

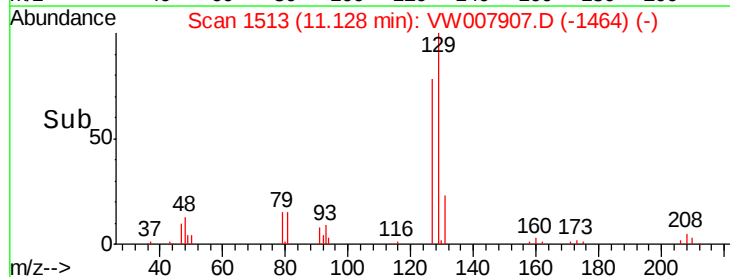
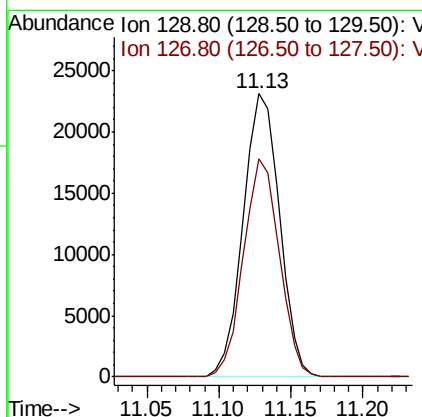
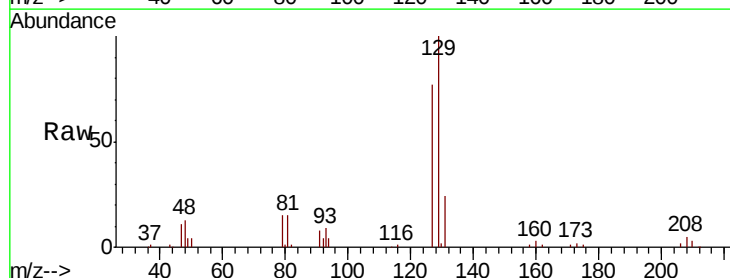
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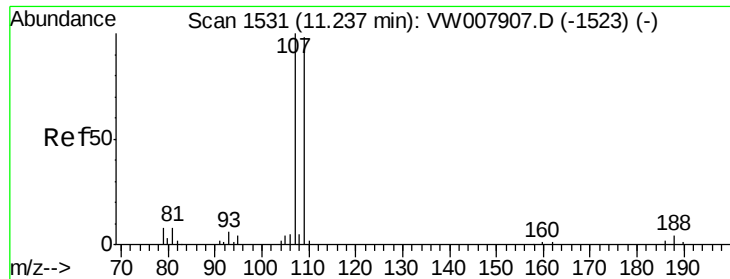
apatel
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#60
Dibromochloromethane
Concen: 47.761 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion: 129 Resp: 40523
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9





#61

1,2-Dibromoethane

Concen: 50.356 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 33163

Ion Ratio Lower Upper

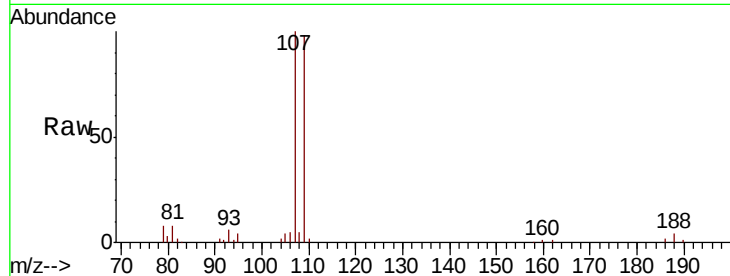
107 100

109 95.5 76.4 114.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

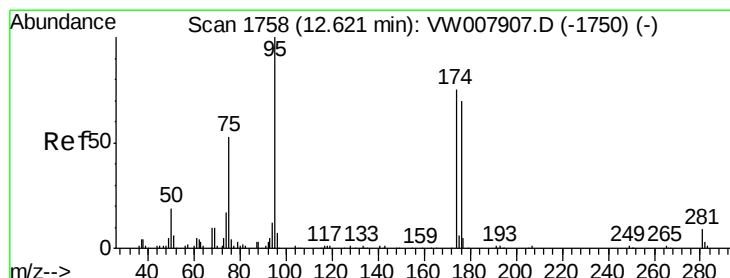
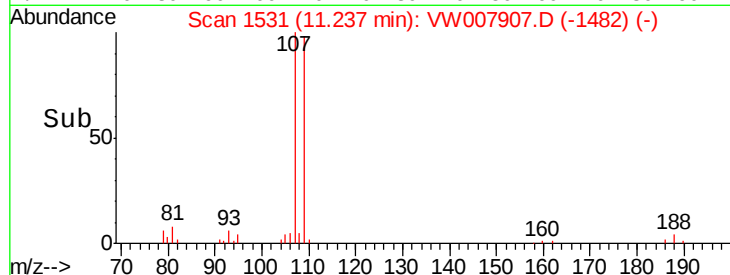
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 51.714 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

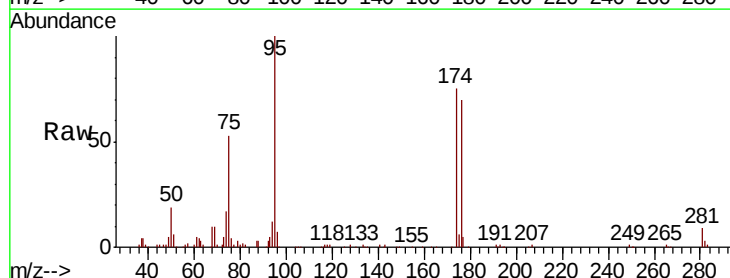
Tgt Ion: 95 Resp: 61714

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.4

176 70.1 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

50000

40000

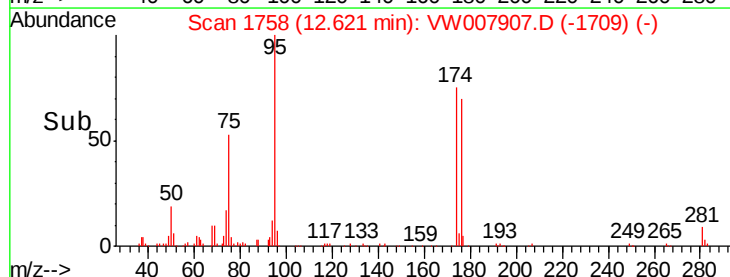
30000

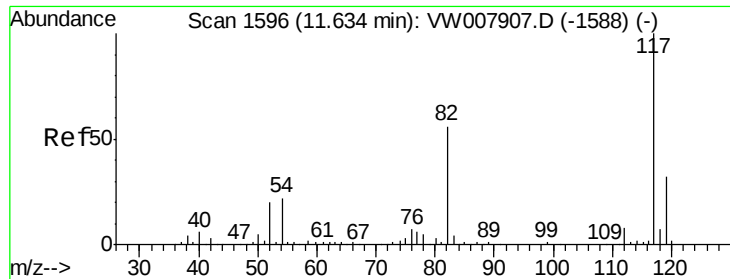
20000

10000

0

Time--> 12.55 12.60 12.65 12.70





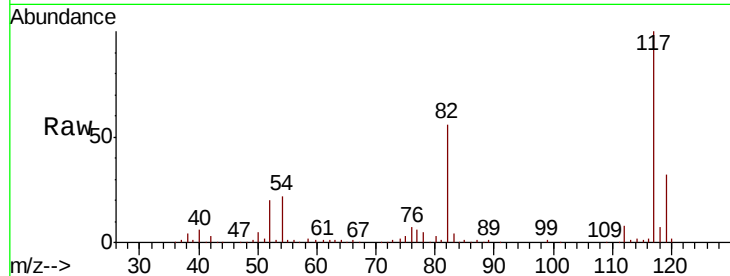
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.1	67.7
119	32.3	25.8	38.8

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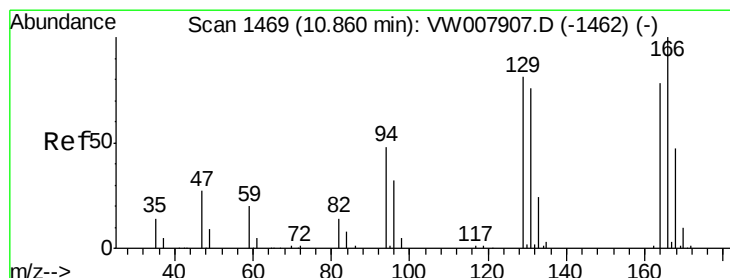
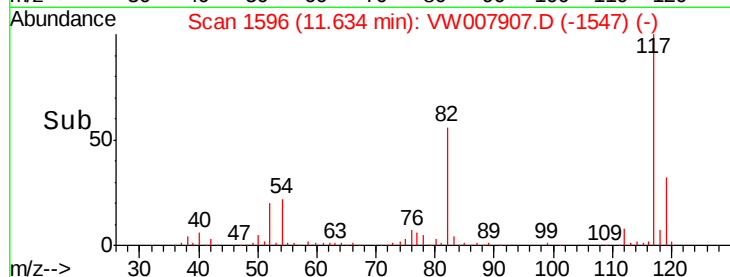
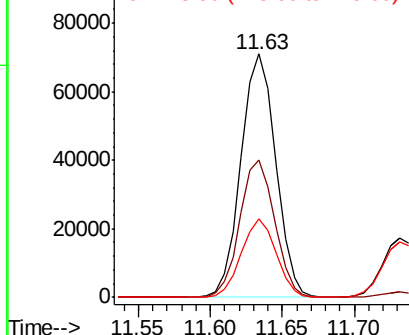


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 48.866 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.1	153.1
129	102.9	82.3	123.5
131	97.0	77.6	116.4

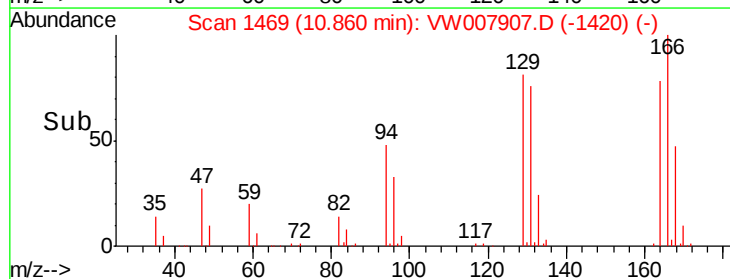
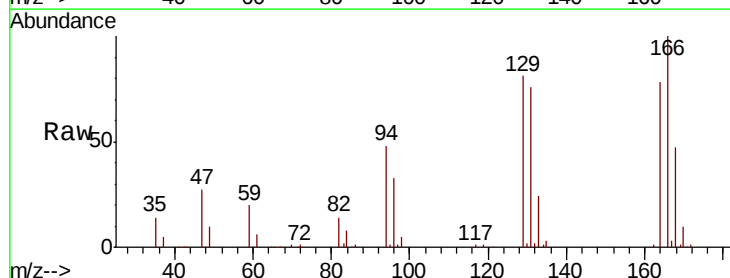
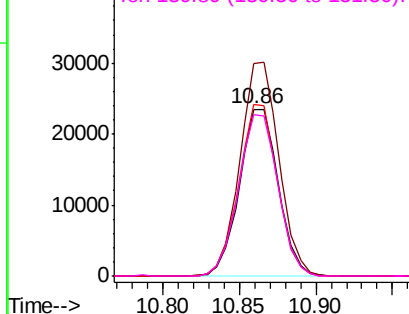
Abundance

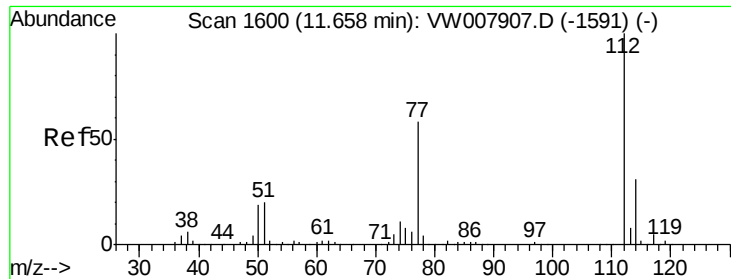
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





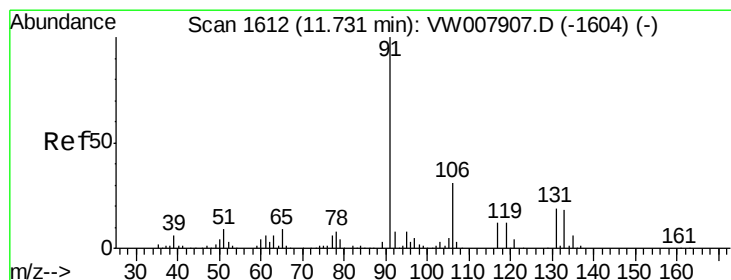
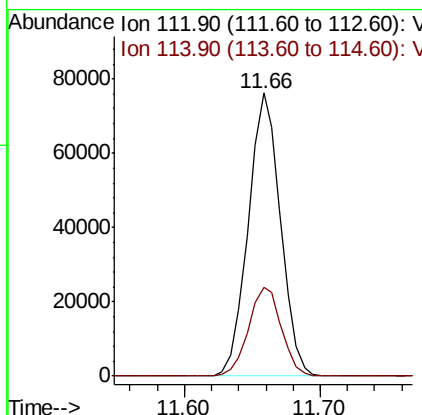
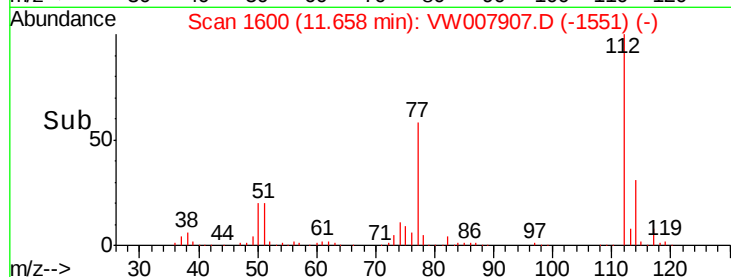
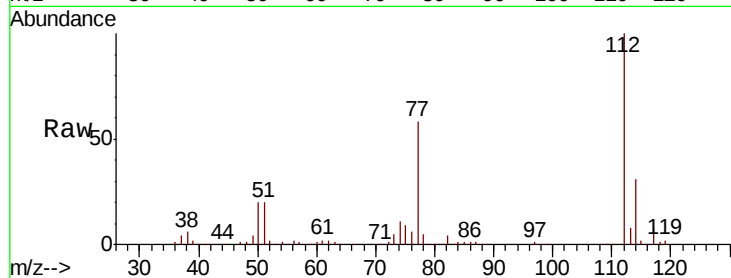
#65
Chlorobenzene
Concen: 48.796 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 126449
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

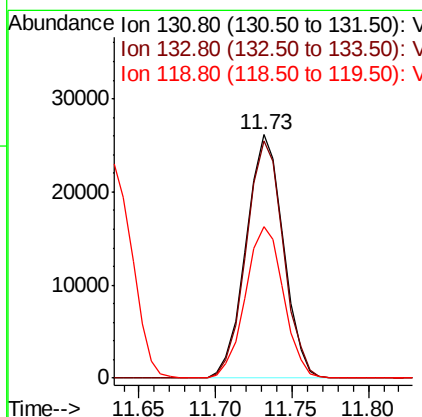
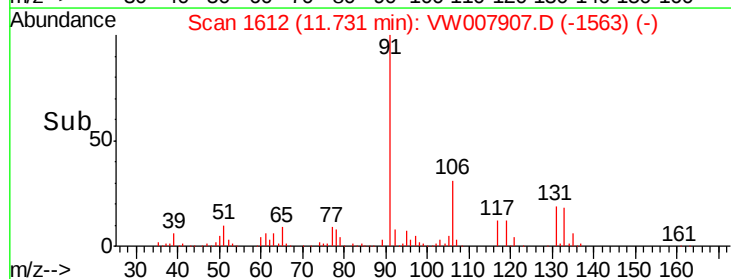
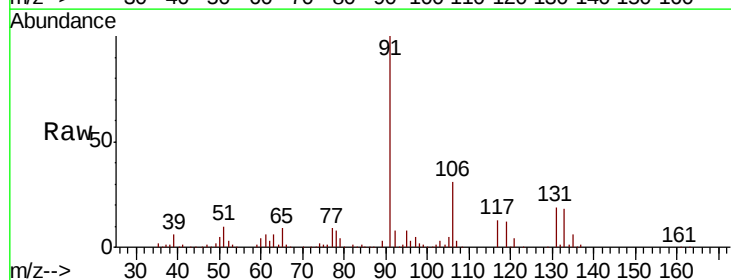
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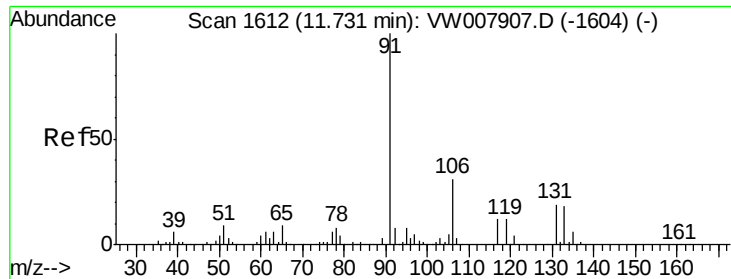
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.292 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion:131 Resp: 44442
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.3
119 63.3 31.6 95.0





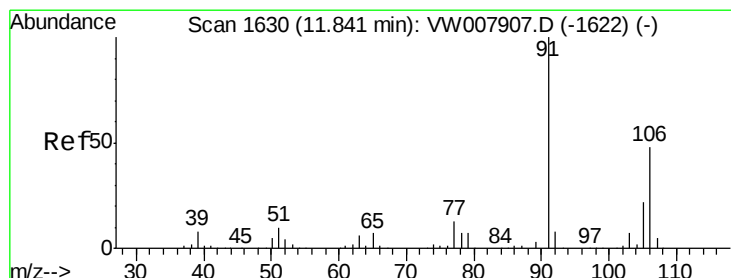
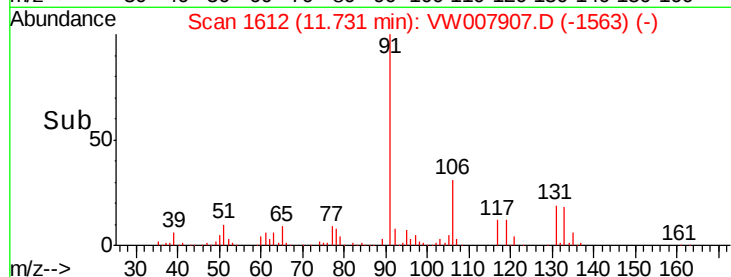
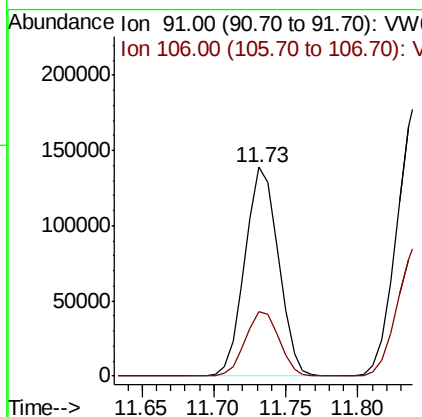
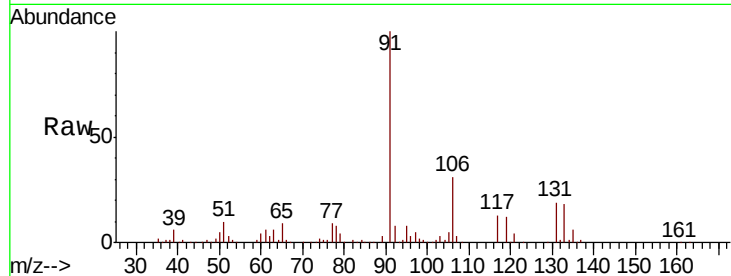
#67
Ethyl Benzene
Concen: 50.182 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 223785
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

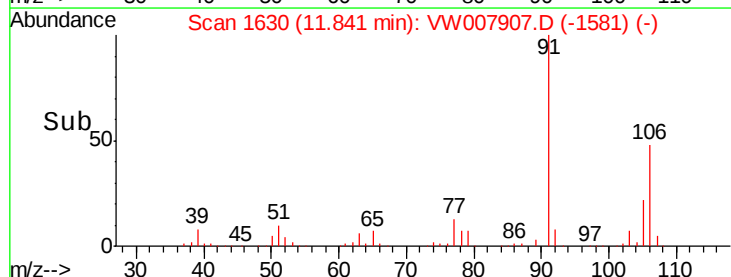
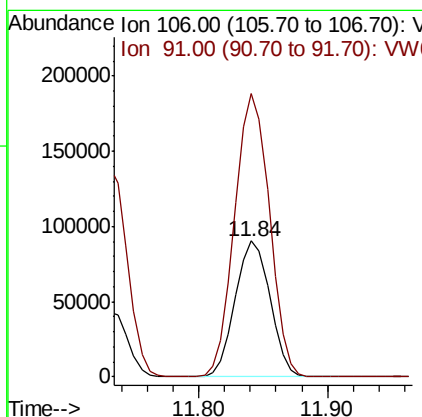
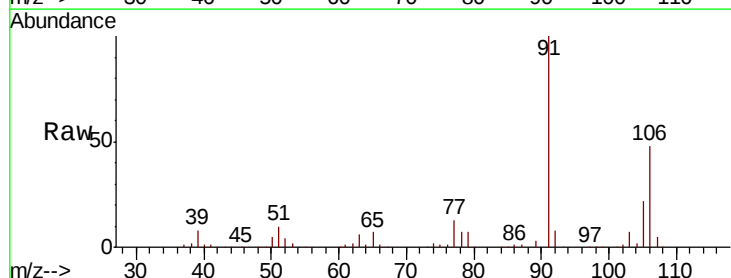
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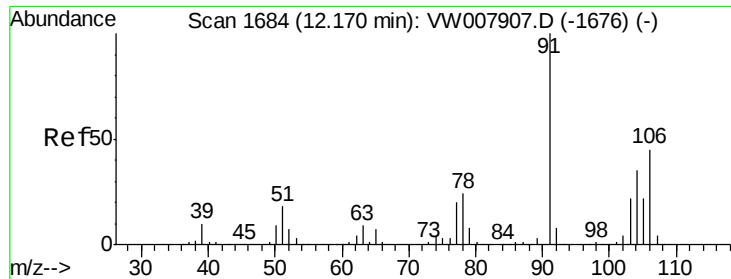
apatel
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#68
m/p-Xylenes
Concen: 98.885 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion: 106 Resp: 170360
Ion Ratio Lower Upper
106 100
91 208.2 166.6 249.8





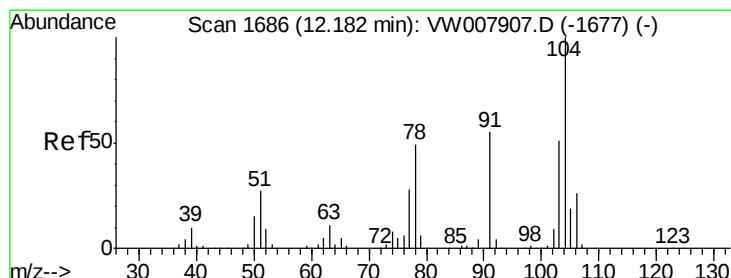
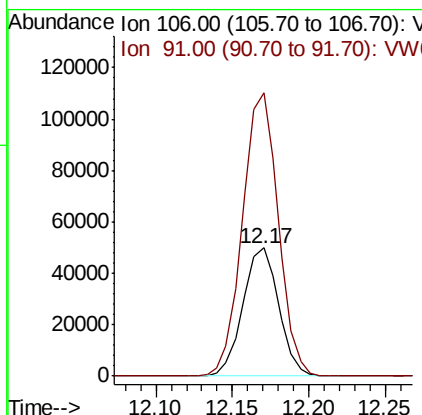
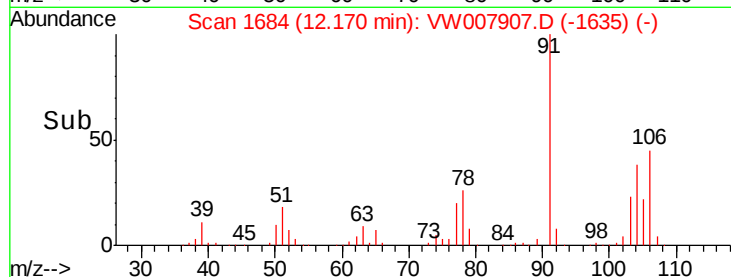
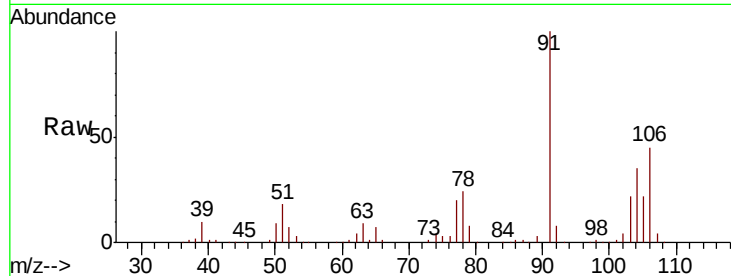
#69
o-Xylene
Concen: 50.153 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 81169
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0

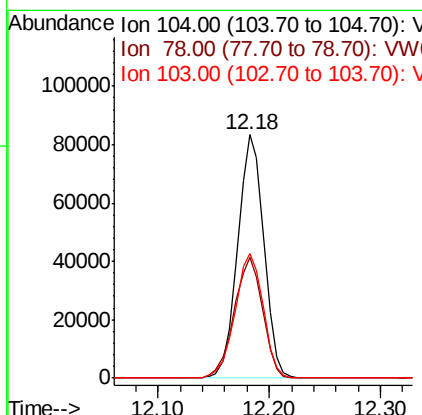
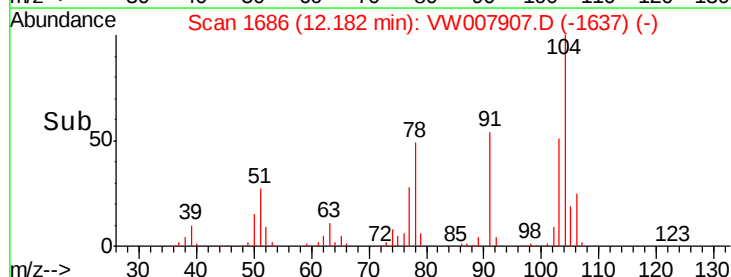
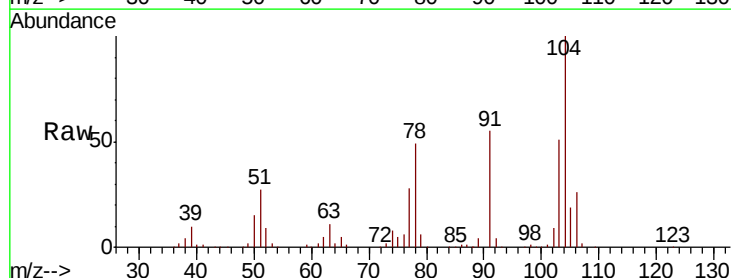
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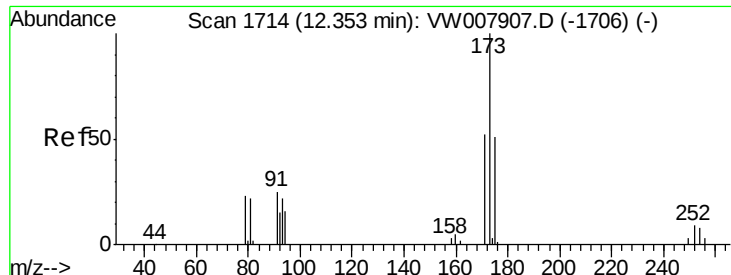
apatel
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#70
Styrene
Concen: 50.744 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion:104 Resp: 135111
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.1 44.1 66.1





#71

Bromoform

Concen: 44.927 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 21084

Ion Ratio Lower Upper

173 100

175 49.8 24.9 74.7

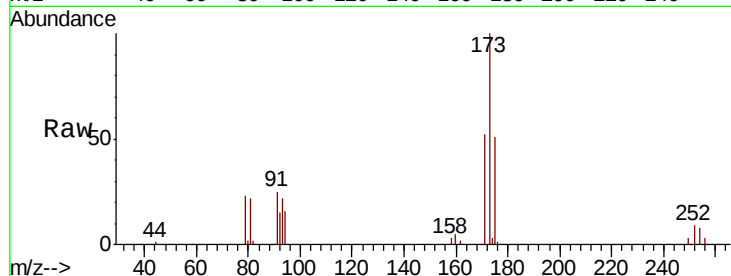
254 0.0 0.0 0.0

Manual Integrations

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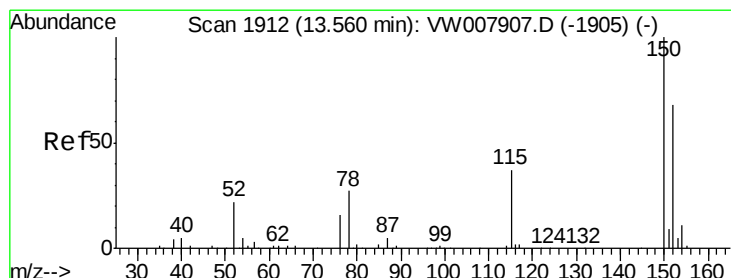
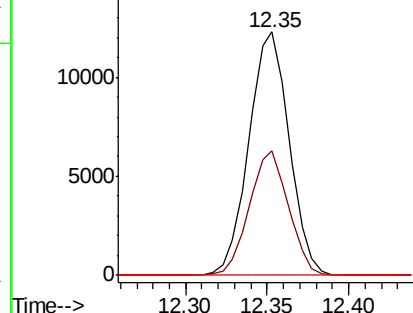
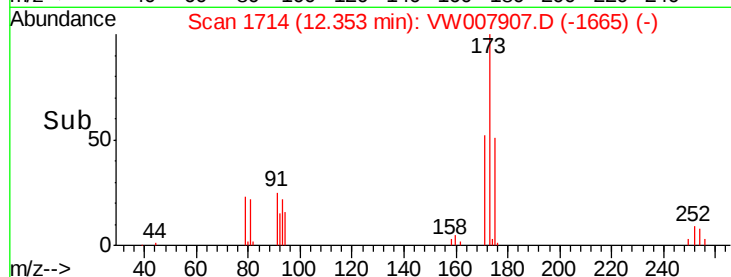
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW007907.D

Acq: 25 Dec 2018 00:30

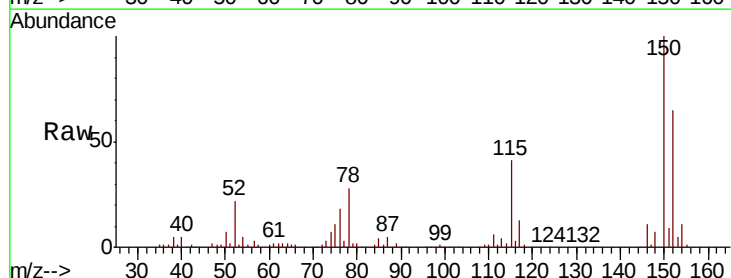
Tgt Ion:152 Resp: 58452

Ion Ratio Lower Upper

152 100

115 63.9 31.9 95.9

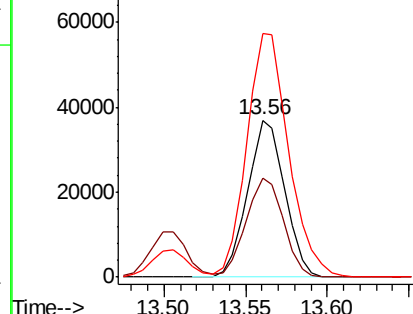
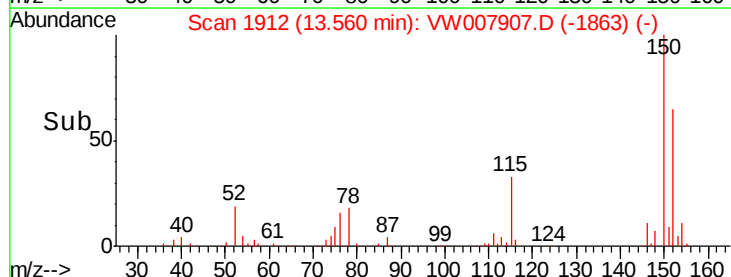
150 174.7 0.0 349.4

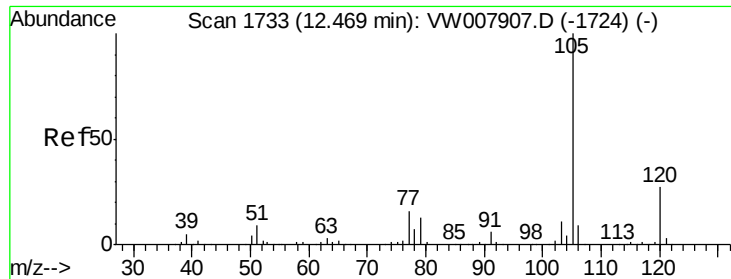


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.682 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 225604

Ion Ratio Lower Upper

105 100

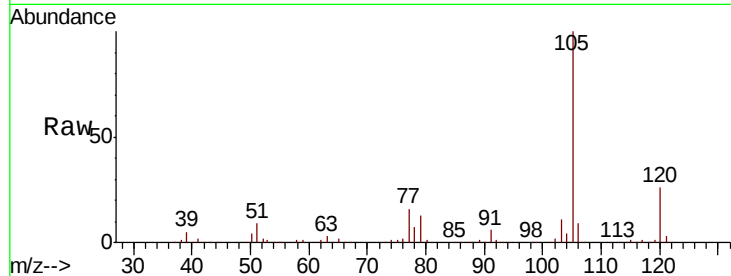
120 26.2 13.1 39.3

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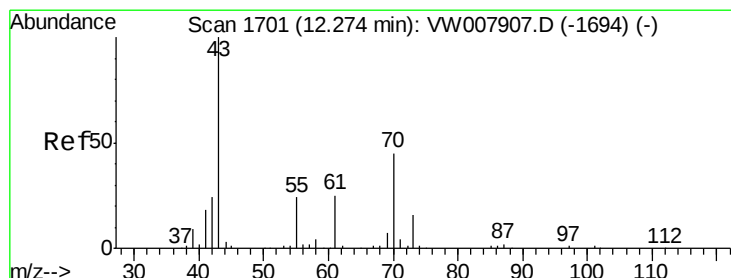
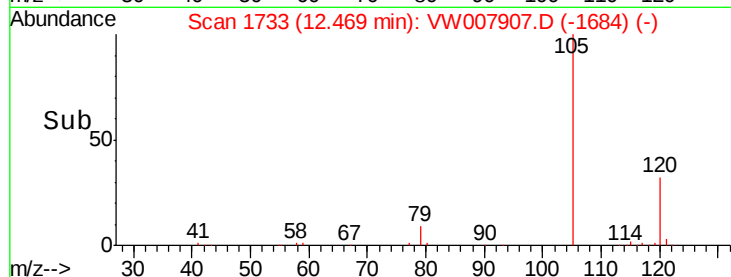
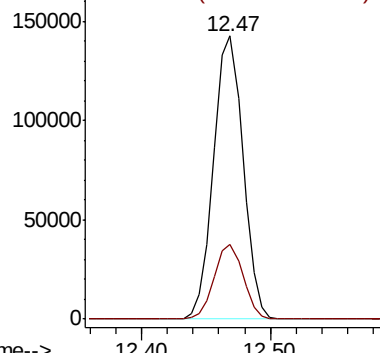
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.541 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Tgt Ion: 43 Resp: 47379

Ion Ratio Lower Upper

43 100

70 44.2 35.4 53.0

55 24.1 19.3 28.9

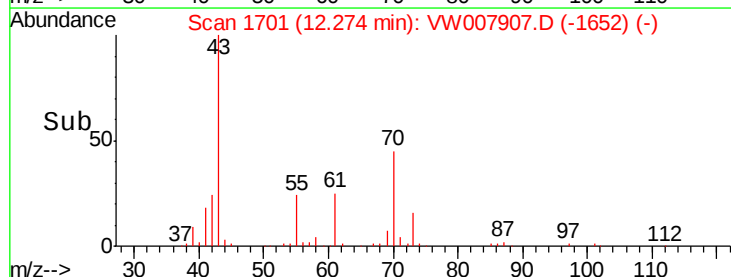
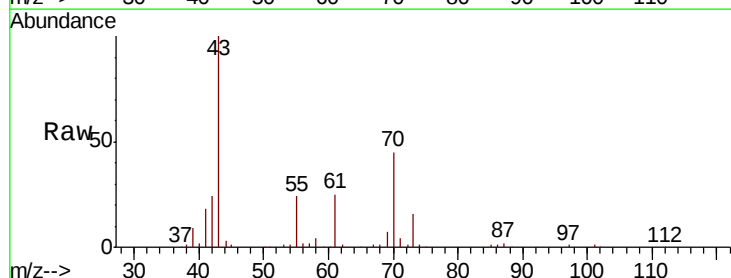
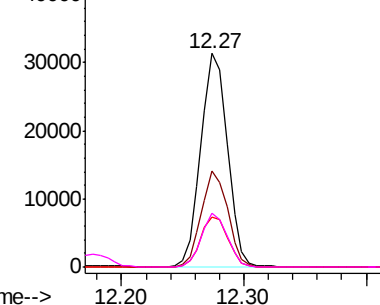
61 24.3 19.4 29.2

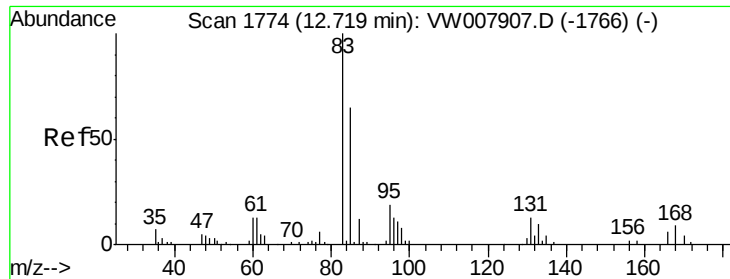
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.474 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

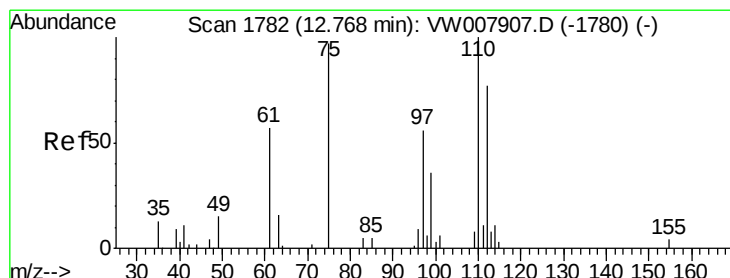
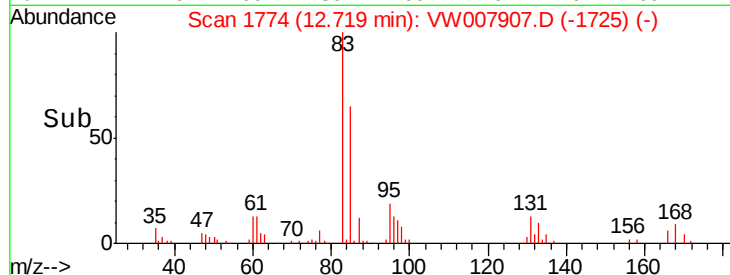
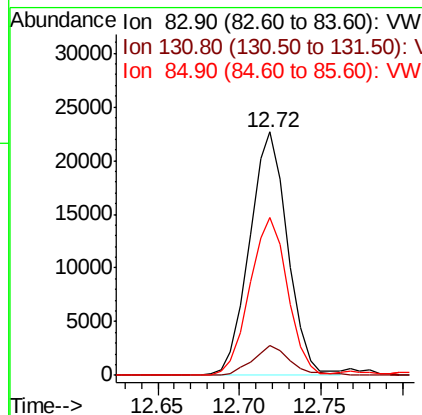
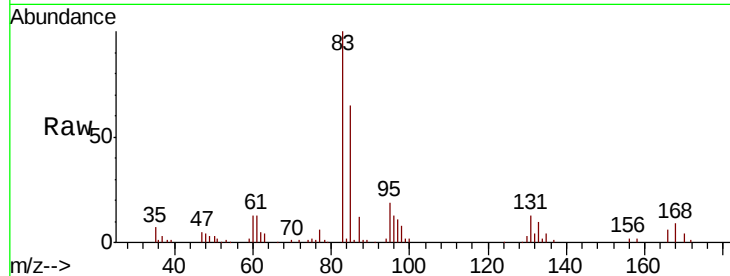
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	36844
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.2	18.4
85	64.2	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 62.555 ug/l m

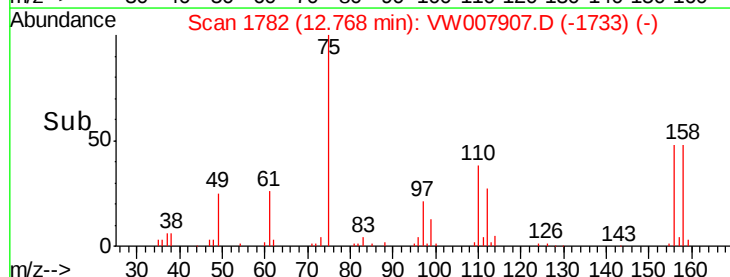
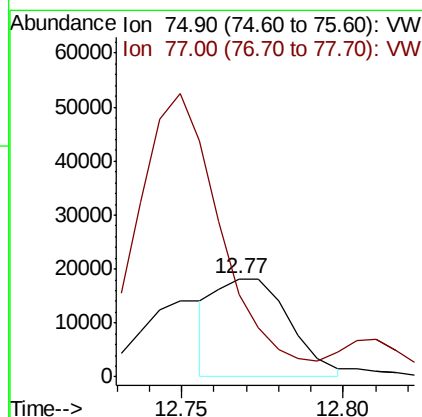
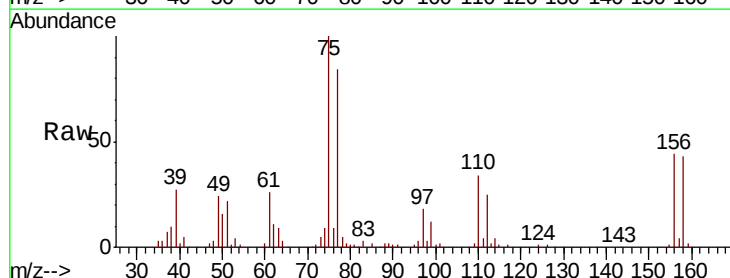
RT: 12.77 min Scan# 1782

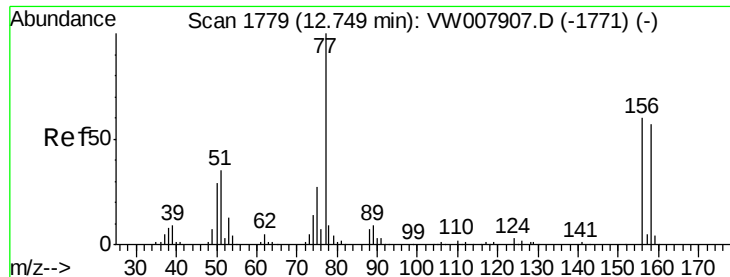
Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Tgt Ion:	75	Resp:	29063
Ion Ratio	Lower	Upper	
75	100		
77	331.8	165.9	497.7





#77

Bromobenzene

Concen: 50.377 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 156 Resp: 51285

Ion Ratio Lower Upper

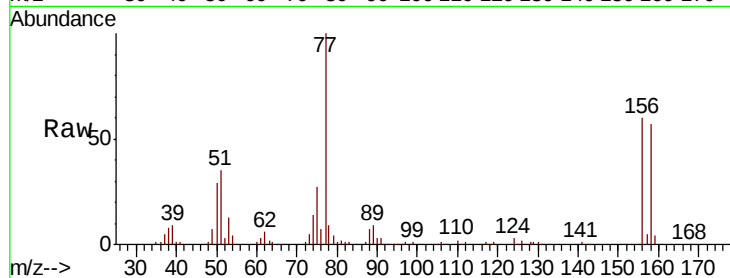
156 100

77 188.0 94.0 282.0

158 97.2 48.6 145.8

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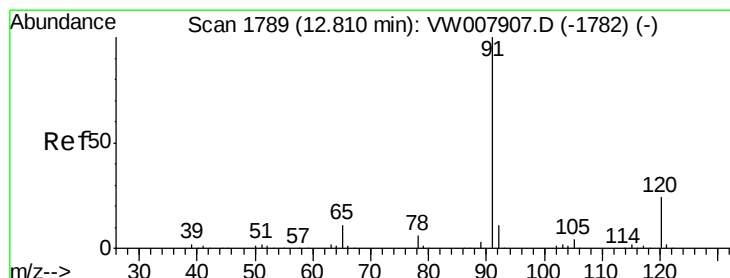
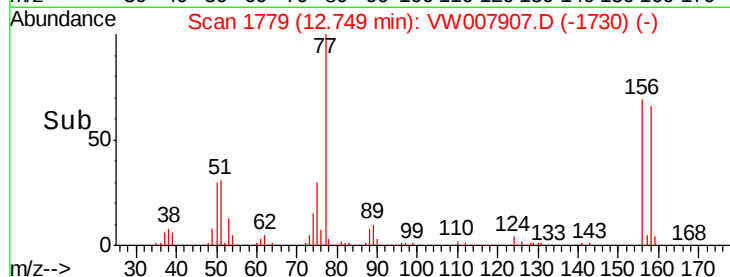
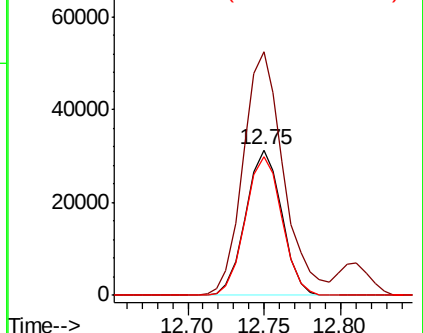
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.060 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007907.D

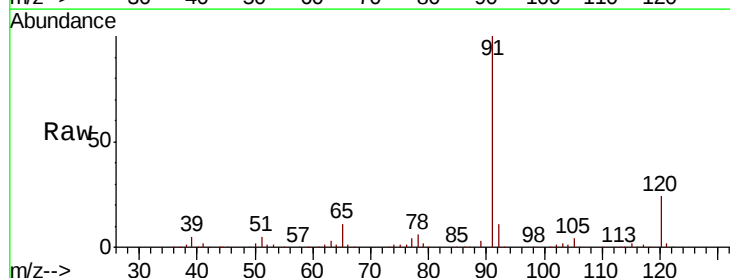
Acq: 25 Dec 2018 00:30

Tgt Ion: 91 Resp: 264737

Ion Ratio Lower Upper

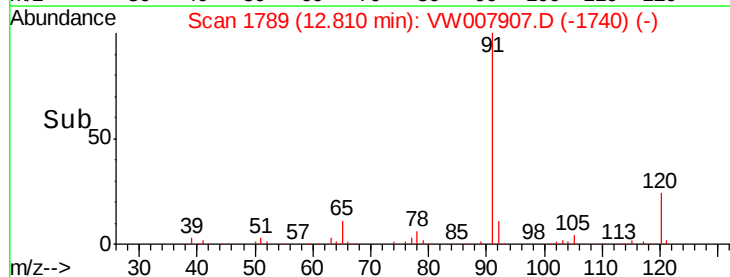
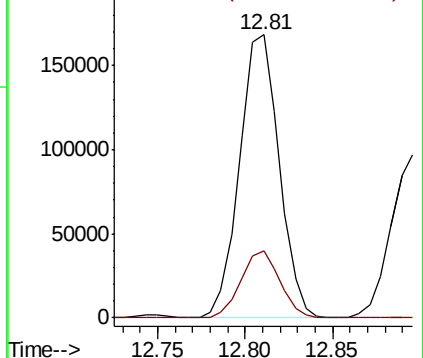
91 100

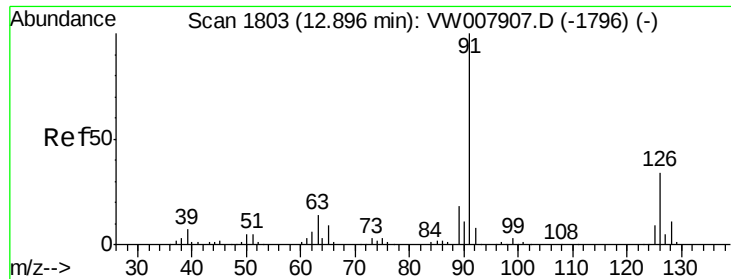
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





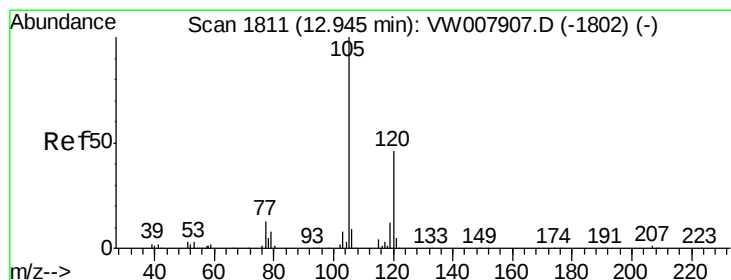
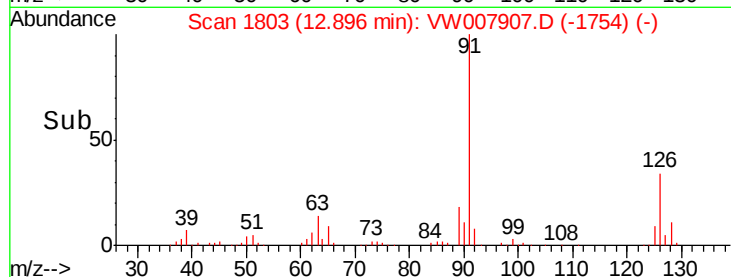
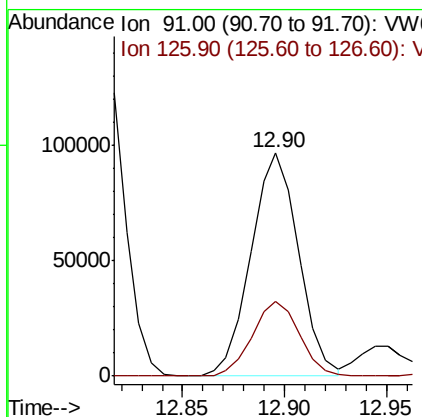
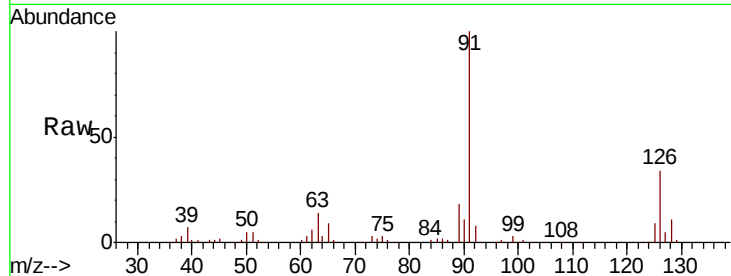
#79
 2-Chlorotoluene
 Concen: 51.650 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 156793
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8

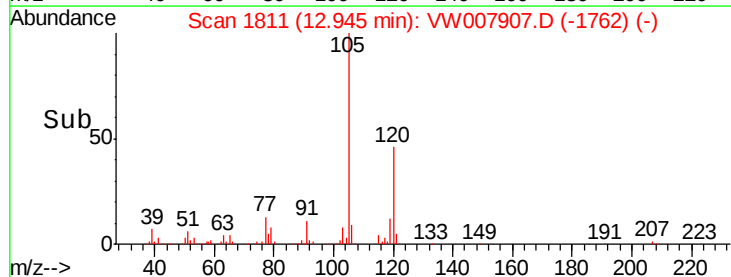
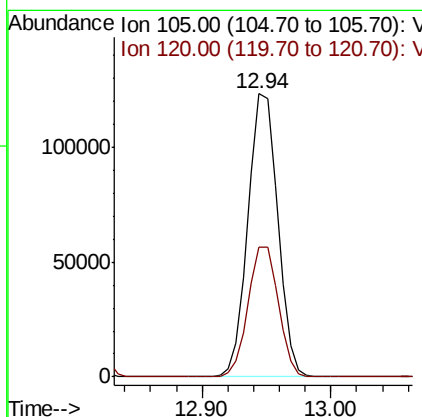
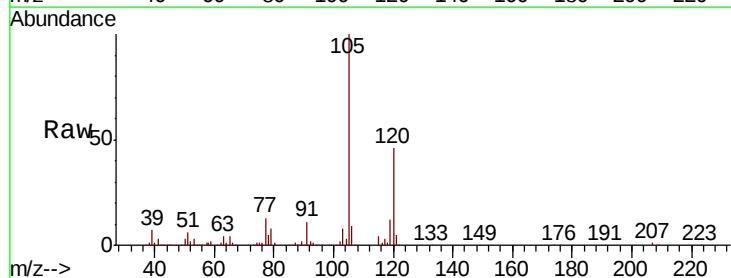
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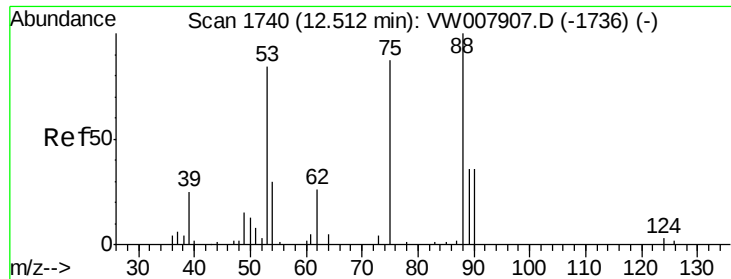
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.156 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion: 105 Resp: 196436
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.230 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW007907.D

Acq: 25 Dec 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 11288

Ion Ratio Lower Upper

75 100

53 99.8 79.8 119.8

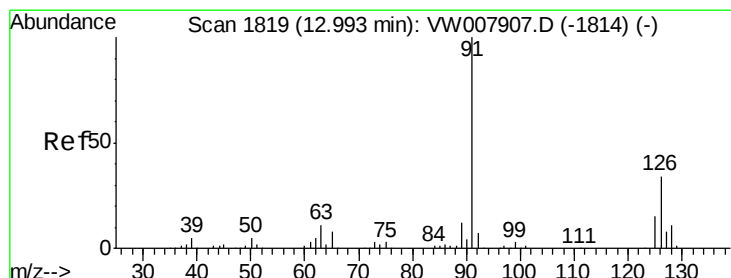
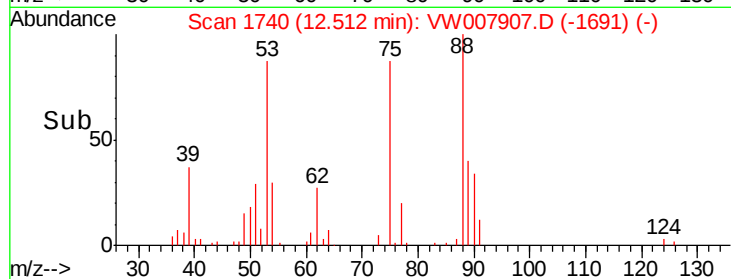
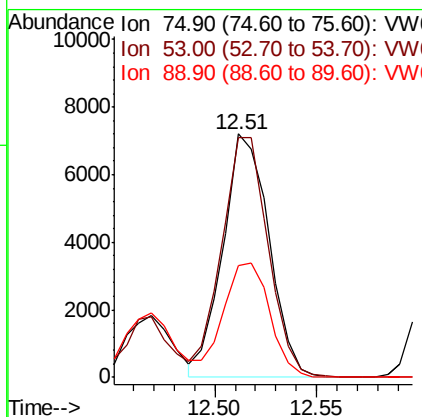
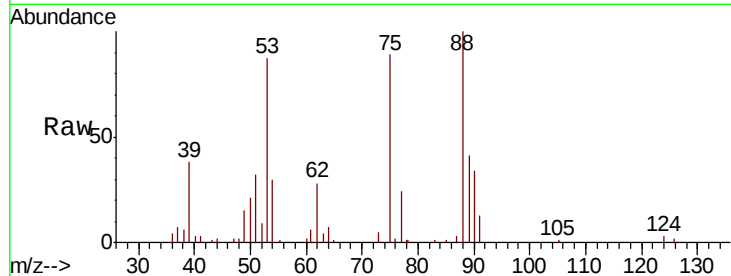
89 46.4 37.1 55.7

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#82

4-Chlorotoluene

Concen: 50.752 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007907.D

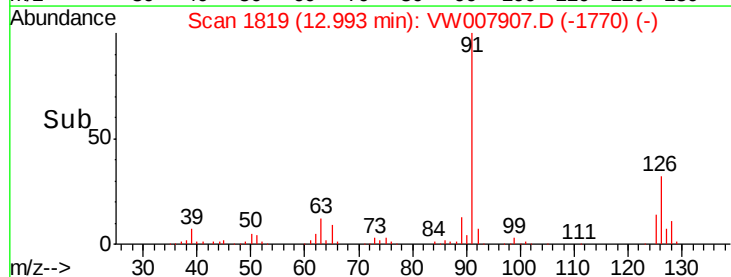
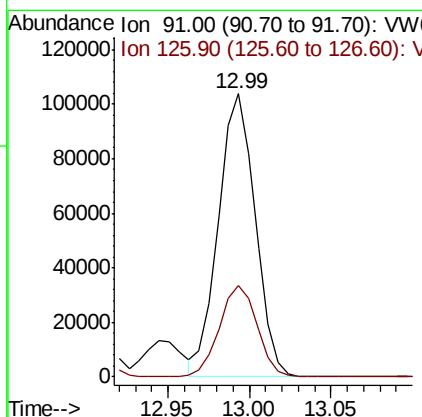
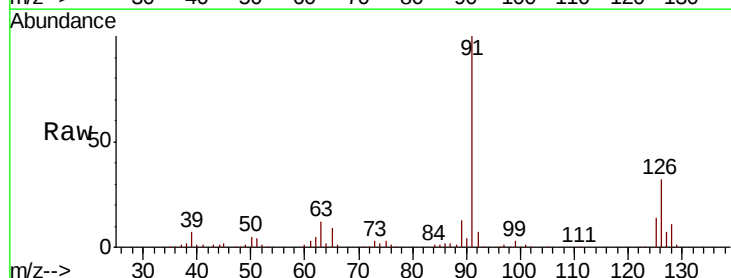
Acq: 25 Dec 2018 00:30

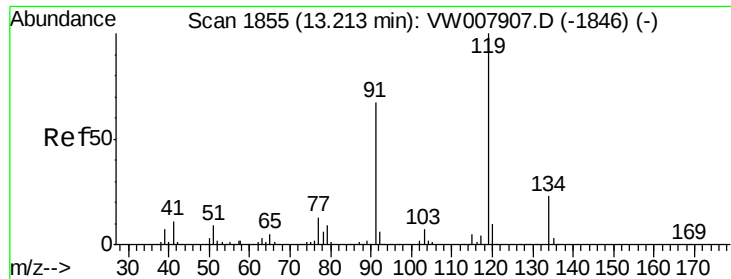
Tgt Ion: 91 Resp: 163287

Ion Ratio Lower Upper

91 100

126 33.0 16.5 49.5





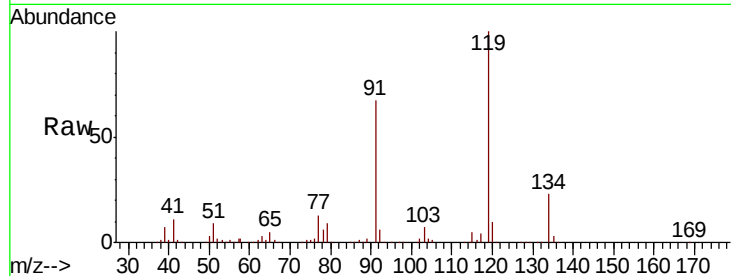
#83
tert-Butylbenzene
Concen: 51.082 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

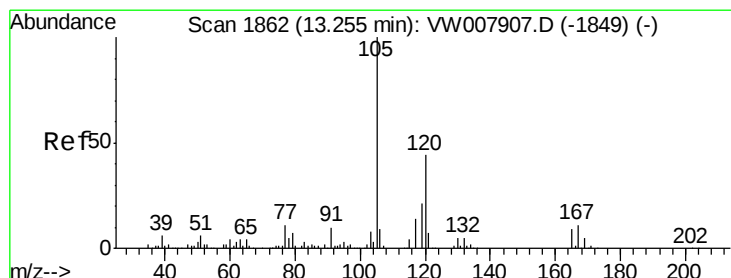
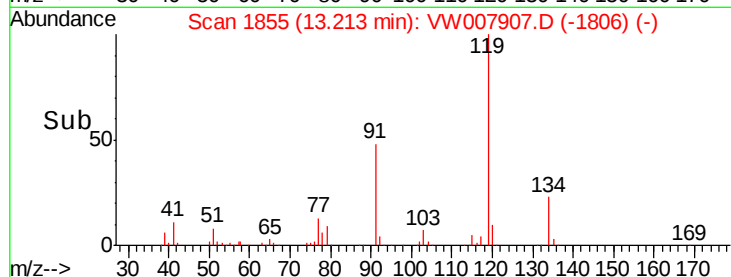
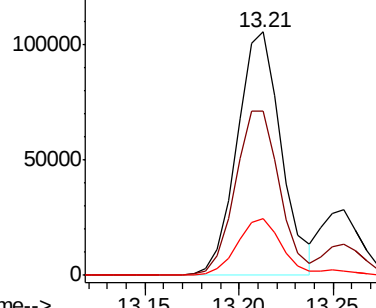
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.8	101.3
134	23.4	11.7	35.1

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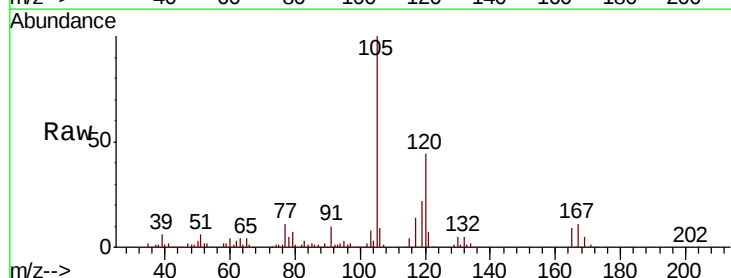


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

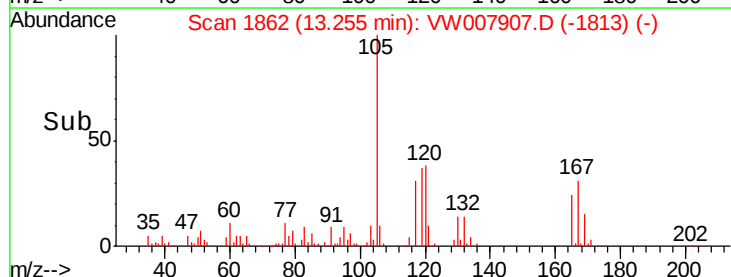
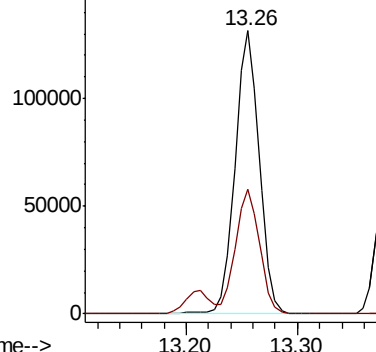


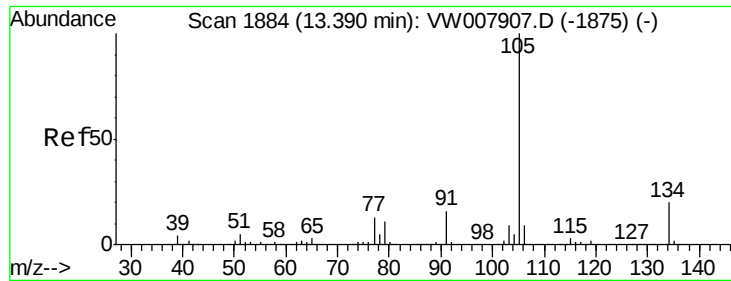
#84
1,2,4-Trimethylbenzene
Concen: 51.357 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





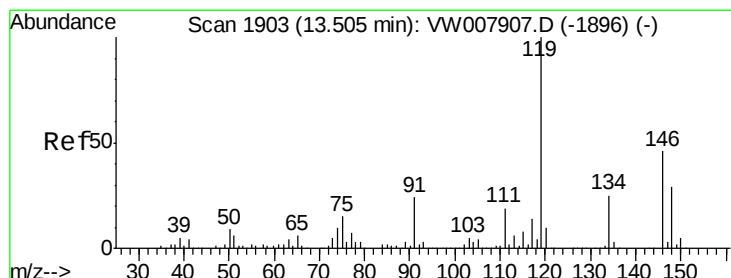
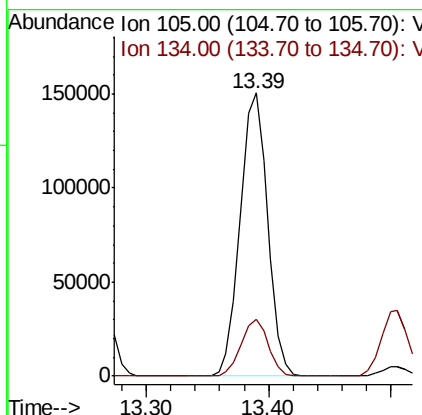
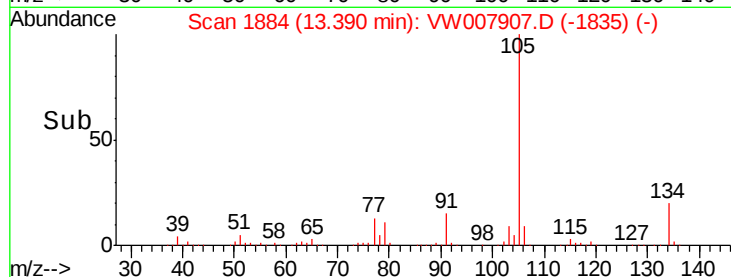
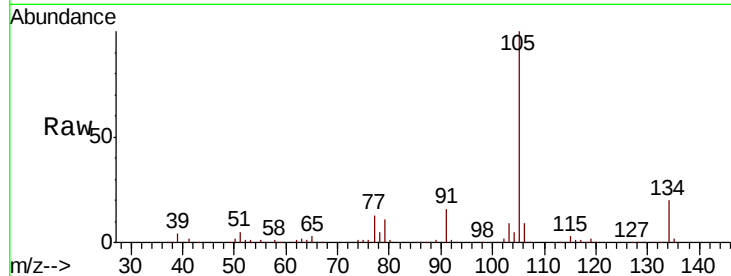
#85
 sec-Butylbenzene
 Concen: 50.555 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 234434
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8

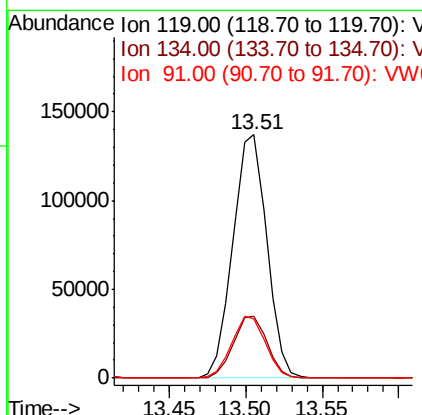
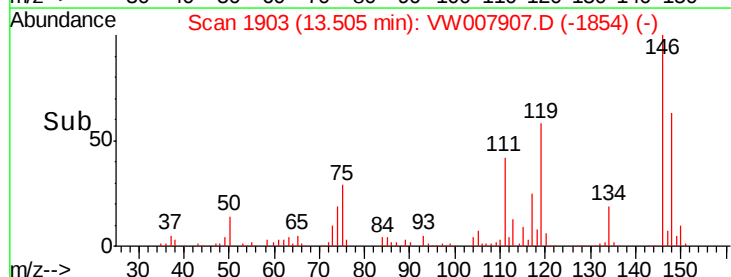
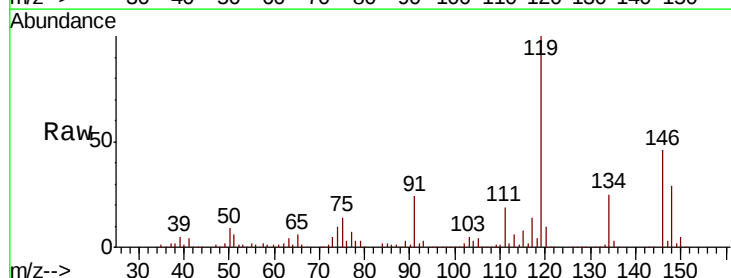
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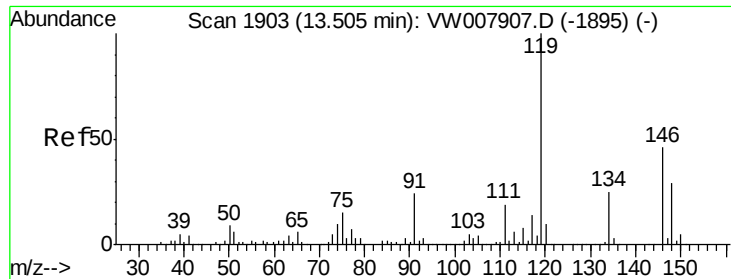
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#86
 p-Isopropyltoluene
 Concen: 50.113 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion:119 Resp: 210903
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 25.4 12.7 38.1





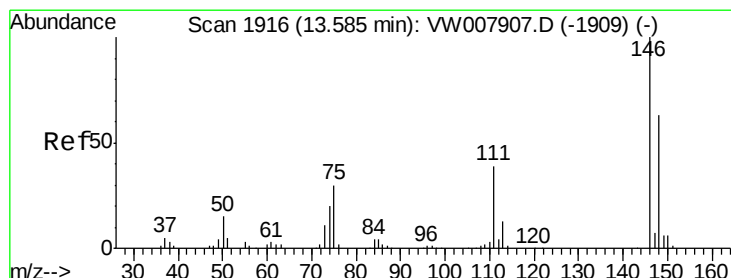
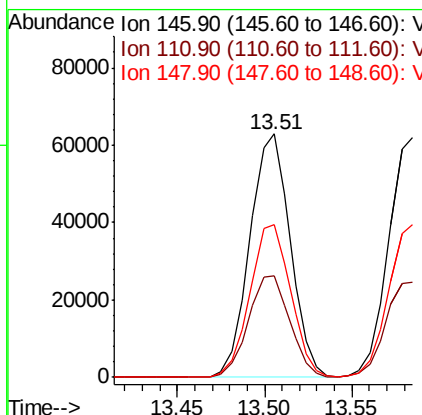
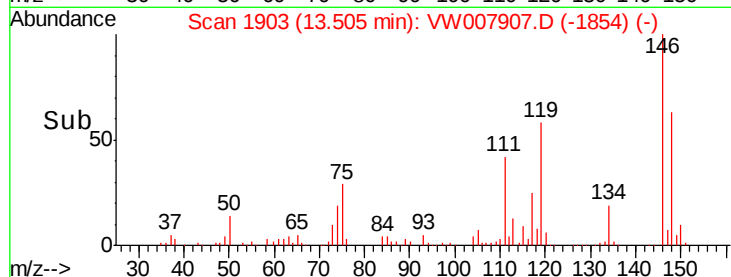
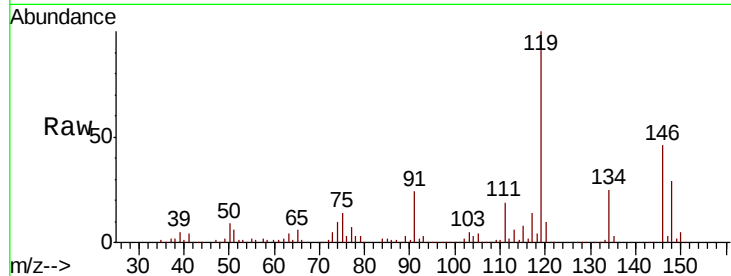
#87
 1,3-Dichlorobenzene
 Concen: 49.951 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.2
148	63.2	31.6	94.8

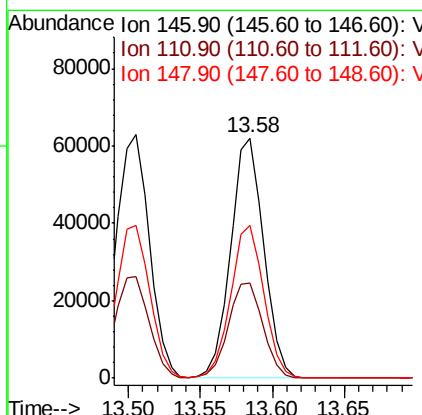
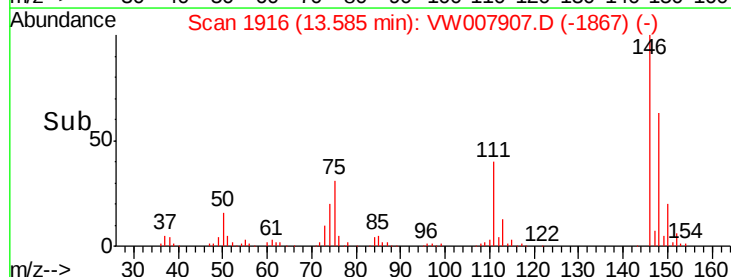
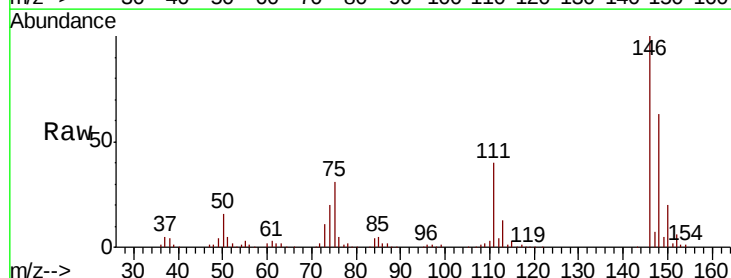
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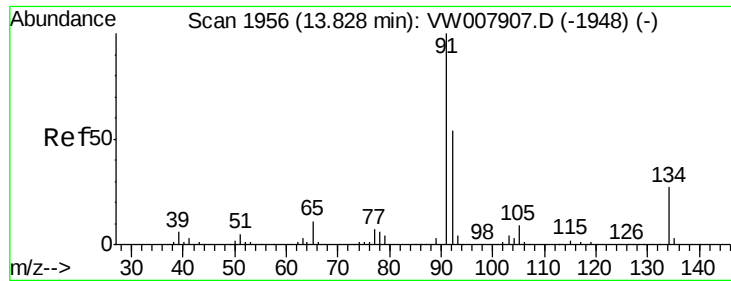
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#88
 1,4-Dichlorobenzene
 Concen: 49.275 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	63.7	31.9	95.5





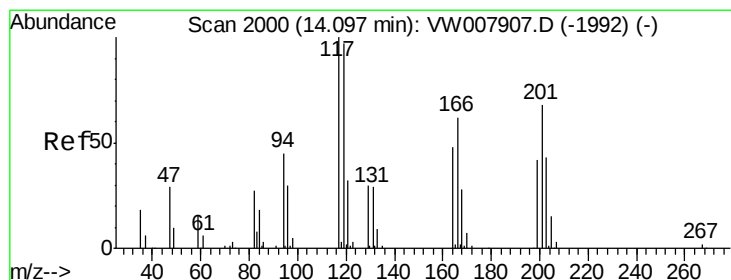
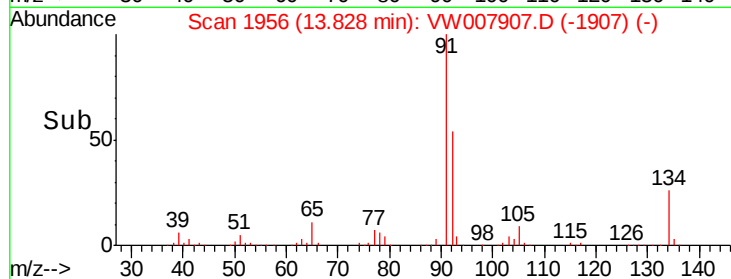
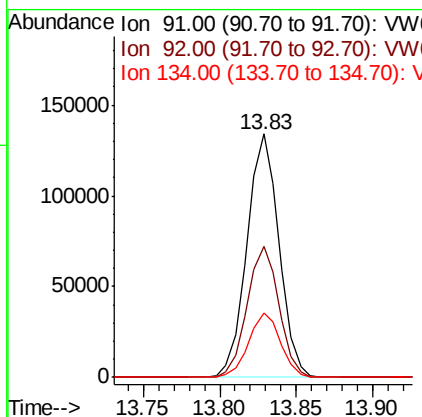
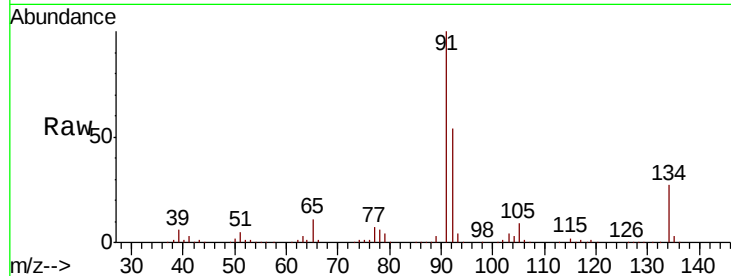
#89
n-Butylbenzene
Concen: 50.472 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	26.3	13.2	39.5

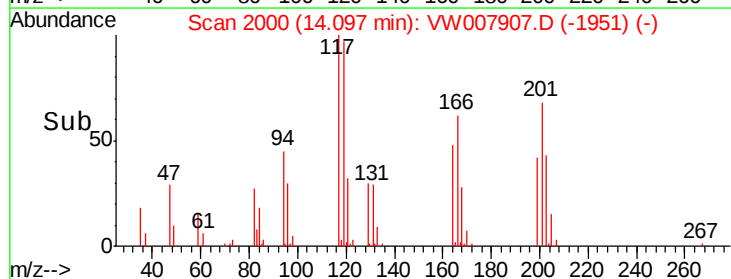
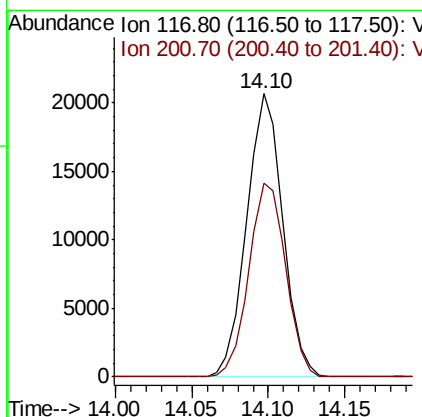
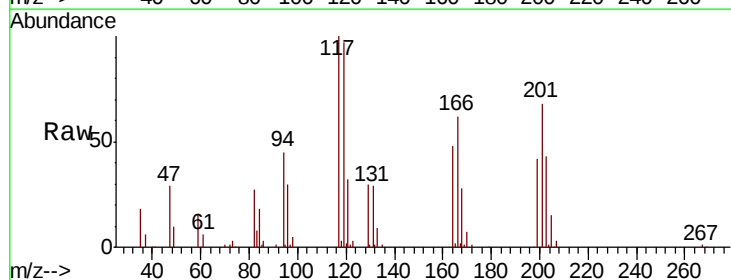
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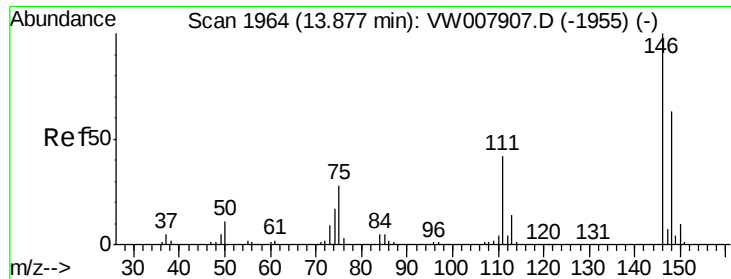
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#90
Hexachloroethane
Concen: 46.571 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.0	35.0	105.0





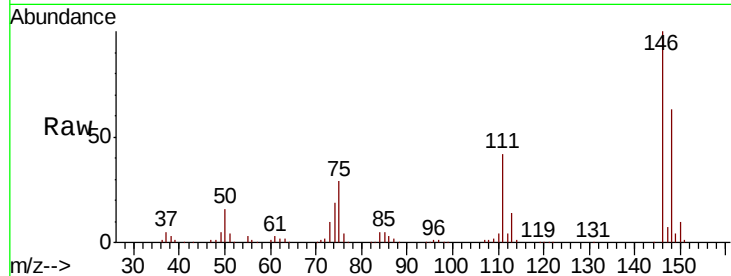
#91
 1,2-Dichlorobenzene
 Concen: 50.384 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

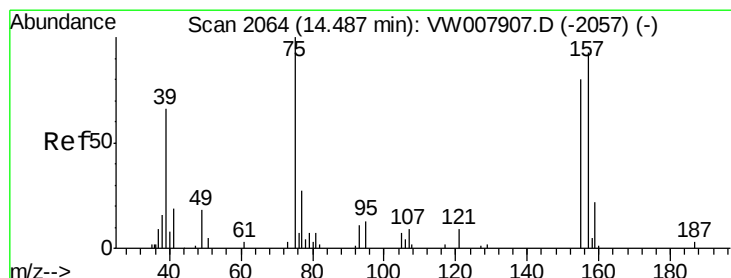
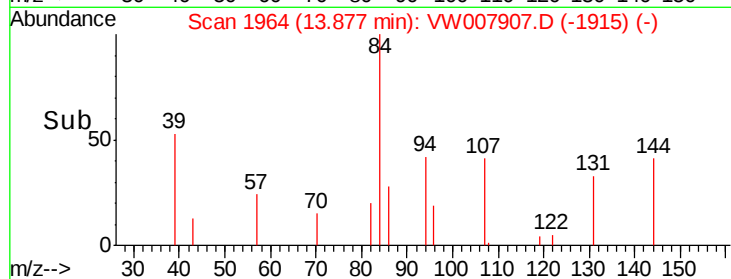
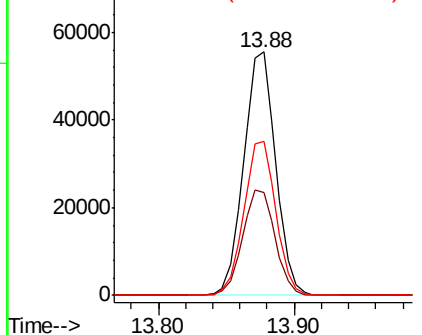
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.0	66.0
148	63.3	31.6	95.0

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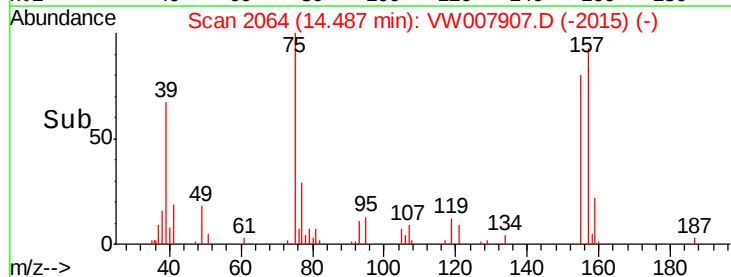
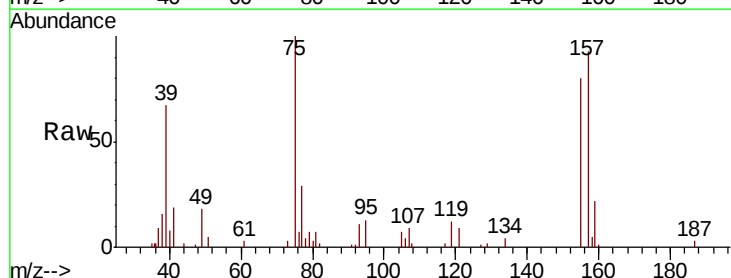
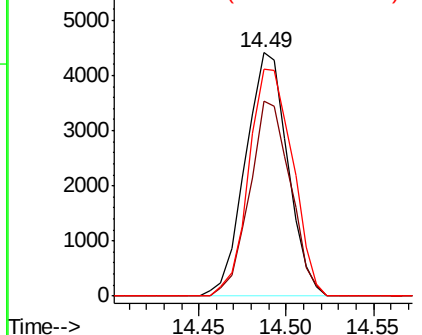
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

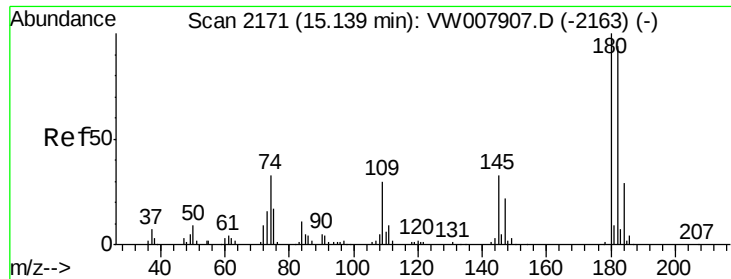


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.963 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW007907.D
 Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.5	38.8	116.3
157	96.2	48.1	144.3

Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





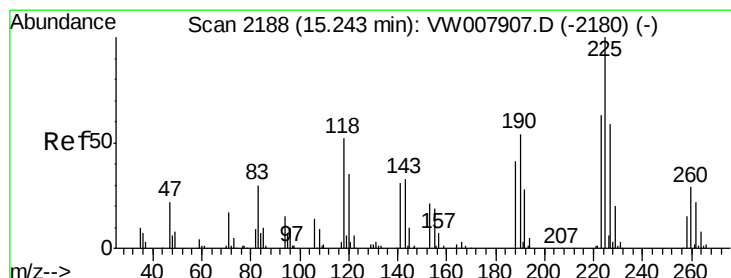
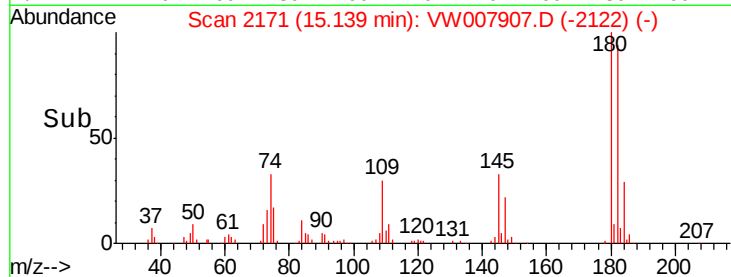
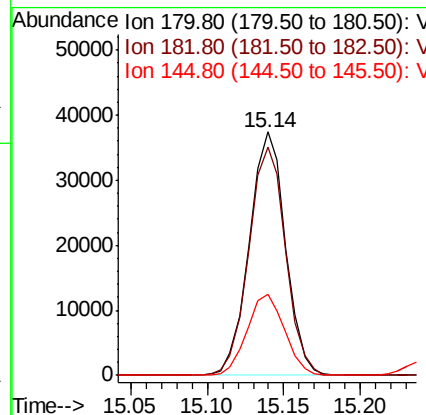
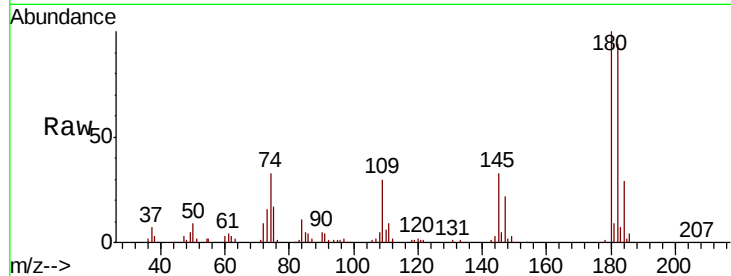
#93
1,2,4-Trichlorobenzene
Concen: 49.153 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	34.4	17.2	51.6

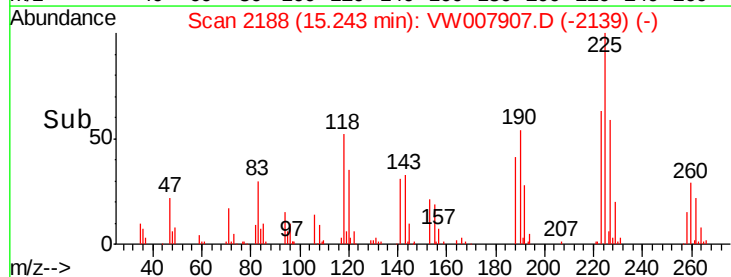
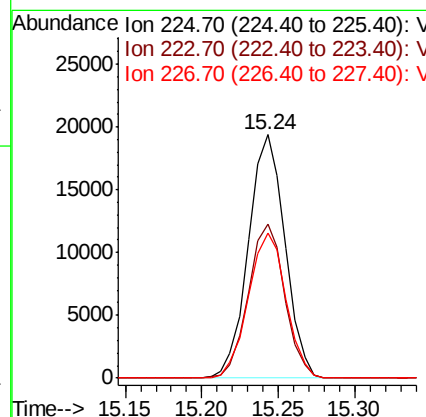
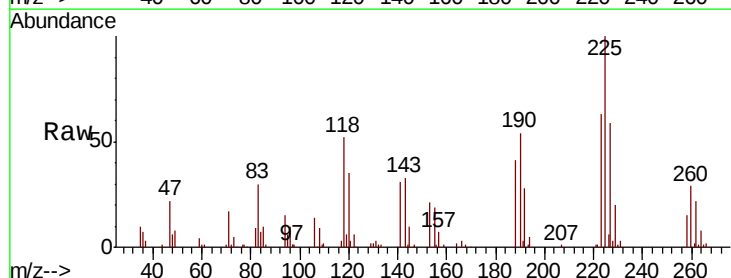
Manual Integrations
APPROVED

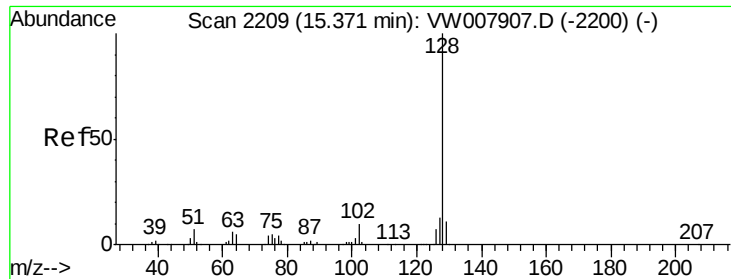
apatel
12/27/2018 11:17:16 AM



#94
Hexachlorobutadiene
Concen: 48.277 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.0
227	61.1	30.6	91.6





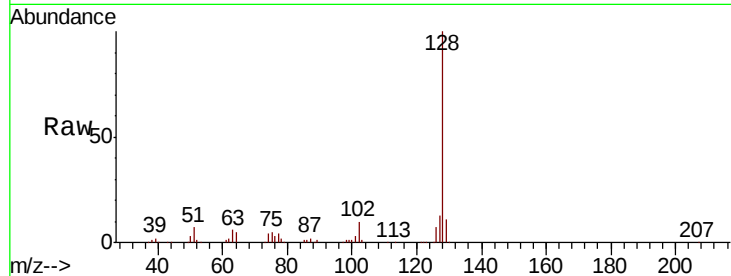
#95
Naphthalene
Concen: 54.990 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.5	8.4	12.6

Manual Integrations
APPROVED

apatel
12/27/2018 11:17:16 AM

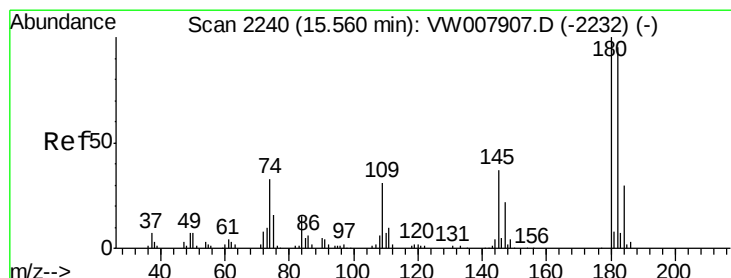
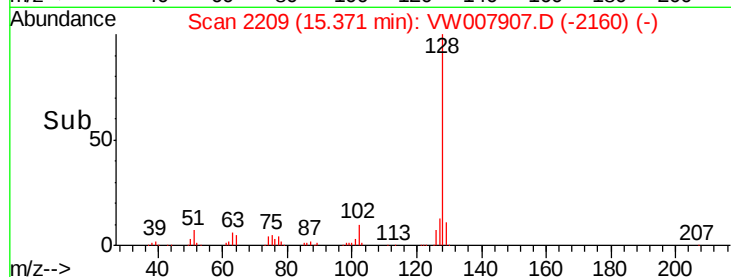
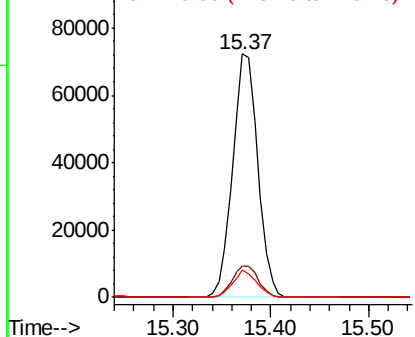


Abundance

Ion 128.00 (127.70 to 128.70): V

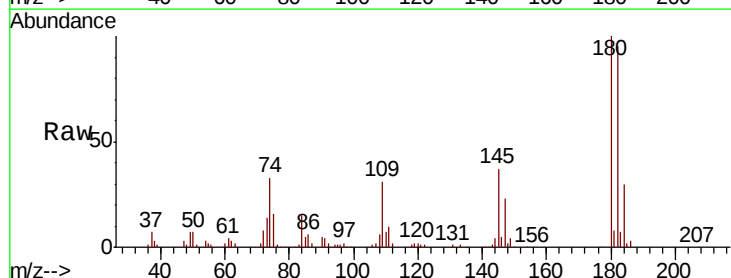
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.275 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW007907.D
Acq: 25 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	36.1	18.1	54.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

