

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007904.D
 Acq On : 24 Dec 2018 23:12
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 12/27/2018 11:17:05 AM

Quant Time: Dec 25 03:51:27 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	77591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	4326	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
35) Dibromofluoromethane	7.88	113	3868	4.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.40%	
50) Toluene-d8	10.32	98	14716	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
62) 4-Bromofluorobenzene	12.62	95	5985	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	2794m	4.096	ug/l	
3) Chloromethane	2.21	50	2653	5.922	ug/l	98
4) Vinyl Chloride	2.37	62	3532	6.242	ug/l	97
5) Bromomethane	2.78	94	2171	5.557	ug/l	89
6) Chloroethane	2.93	64	1726	5.670	ug/l	93
7) Trichlorofluoromethane	3.25	101	2162	3.900	ug/l	96
8) Diethyl Ether	3.68	74	2105	5.973	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4027	4.859	ug/l	90
10) Methyl Iodide	4.26	142	6585	4.978	ug/l	98
11) Tert butyl alcohol	5.17	59	2498	41.902	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	3702	4.804	ug/l	91
13) Acrolein	3.88	56	1202	26.724	ug/l	98
14) Allyl chloride	4.66	41	5839	5.602	ug/l	99
15) Acrylonitrile	5.37	53	4580	29.948	ug/l	97
16) Acetone	4.12	43	4603	28.850	ug/l	99
17) Carbon Disulfide	4.37	76	10801	4.582	ug/l	98
18) Methyl Acetate	4.67	43	2548	6.298	ug/l #	80
19) Methyl tert-butyl Ether	5.43	73	6857	5.974	ug/l	96
20) Methylene Chloride	4.90	84	10699	10.764	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	4368	5.136	ug/l	93
22) Diisopropyl ether	6.31	45	12461	6.350	ug/l #	95
23) Vinyl Acetate	6.25	43	32817	28.444	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	7957	5.616	ug/l	99
25) 2-Butanone	7.17	43	5867	30.296	ug/l	100
26) 2,2-Dichloropropane	7.15	77	5515	5.421	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	4905	5.371	ug/l	94
28) Bromochloromethane	7.51	49	2925	6.014	ug/l #	94
29) Tetrahydrofuran	7.52	42	3441	29.409	ug/l	97
30) Chloroform	7.67	83	8532	5.381	ug/l	100
31) Cyclohexane	7.95	56	8175	6.339	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	7161	5.001	ug/l	98
36) 1,1-Dichloropropene	8.08	75	6208	4.825	ug/l	97
37) Ethyl Acetate	7.26	43	2720	5.957	ug/l	97
38) Carbon Tetrachloride	8.07	117	6364	4.272	ug/l	95

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 Data File : VW007904.D
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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Dec 25 03:51:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 03:37:20 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	7728	4.827	ug/l	93
40) Benzene	8.32	78	17198	4.963	ug/l	99
41) Methacrylonitrile	7.48	41	1632	6.103	ug/l	90
42) 1,2-Dichloroethane	8.40	62	6059	5.236	ug/l	99
43) Isopropyl Acetate	8.43	43	5251	5.731	ug/l	97
44) Trichloroethene	9.09	130	4823	4.654	ug/l	100
45) 1,2-Dichloropropane	9.37	63	4103	5.286	ug/l	94
46) Dibromomethane	9.46	93	2385	5.066	ug/l	98
47) Bromodichloromethane	9.64	83	5703	4.613	ug/l	99
48) Methyl methacrylate	9.44	41	2368	5.161	ug/l	93
49) 1,4-Dioxane	9.45	88	692	91.829	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	12397	28.451	ug/l	97
52) Toluene	10.39	92	12231	5.277	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	5796	4.683	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	6791	4.967	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	3451	5.263	ug/l	91
56) Ethyl methacrylate	10.65	69	3979	5.120	ug/l	98
57) 1,3-Dichloropropane	10.93	76	5832	5.333	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	10057	28.122	ug/l	100
59) 2-Hexanone	10.97	43	7901	25.888	ug/l	97
60) Dibromochloromethane	11.13	129	3753	4.396	ug/l	99
61) 1,2-Dibromoethane	11.24	107	3181	4.800	ug/l	98
64) Tetrachloroethene	10.87	164	4094	4.760	ug/l	96
65) Chlorobenzene	11.66	112	13411	5.093	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	4156	4.444	ug/l	96
67) Ethyl Benzene	11.73	91	22478	4.960	ug/l	100
68) m/p-Xylenes	11.84	106	17690	10.104	ug/l	99
69) o-Xylene	12.17	106	8715	5.299	ug/l	92
70) Styrene	12.18	104	13583	5.020	ug/l	96
71) Bromoform	12.35	173	1923	4.032	ug/l #	92
73) Isopropylbenzene	12.47	105	22605	4.975	ug/l	100
74) N-amyl acetate	12.27	43	4322	5.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	3745	5.425	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	3516m	7.414	ug/l	
77) Bromobenzene	12.75	156	5148	4.954	ug/l	98
78) n-propylbenzene	12.81	91	26881	5.080	ug/l	99
79) 2-Chlorotoluene	12.90	91	16065	5.185	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	19918	5.082	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	1024	4.642	ug/l	99
82) 4-Chlorotoluene	12.99	91	16789	5.112	ug/l	99
83) tert-Butylbenzene	13.21	119	17336	5.042	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	20164	5.096	ug/l	100
85) sec-Butylbenzene	13.39	105	24009	5.073	ug/l	99
86) p-Isopropyltoluene	13.50	119	21217	4.939	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	10764	5.209	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	10532	5.113	ug/l	91
89) n-Butylbenzene	13.83	91	19527	4.955	ug/l	99
90) Hexachloroethane	14.10	117	3135	4.213	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	9669	5.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	651	4.635	ug/l	91

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Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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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)
93) 1,2,4-Trichlorobenzene	15.14	180	6095	4.773	ug/l	98
94) Hexachlorobutadiene	15.24	225	3127	4.591	ug/l	97
95) Naphthalene	15.37	128	11042	4.614	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	5088	4.632	ug/l	95

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

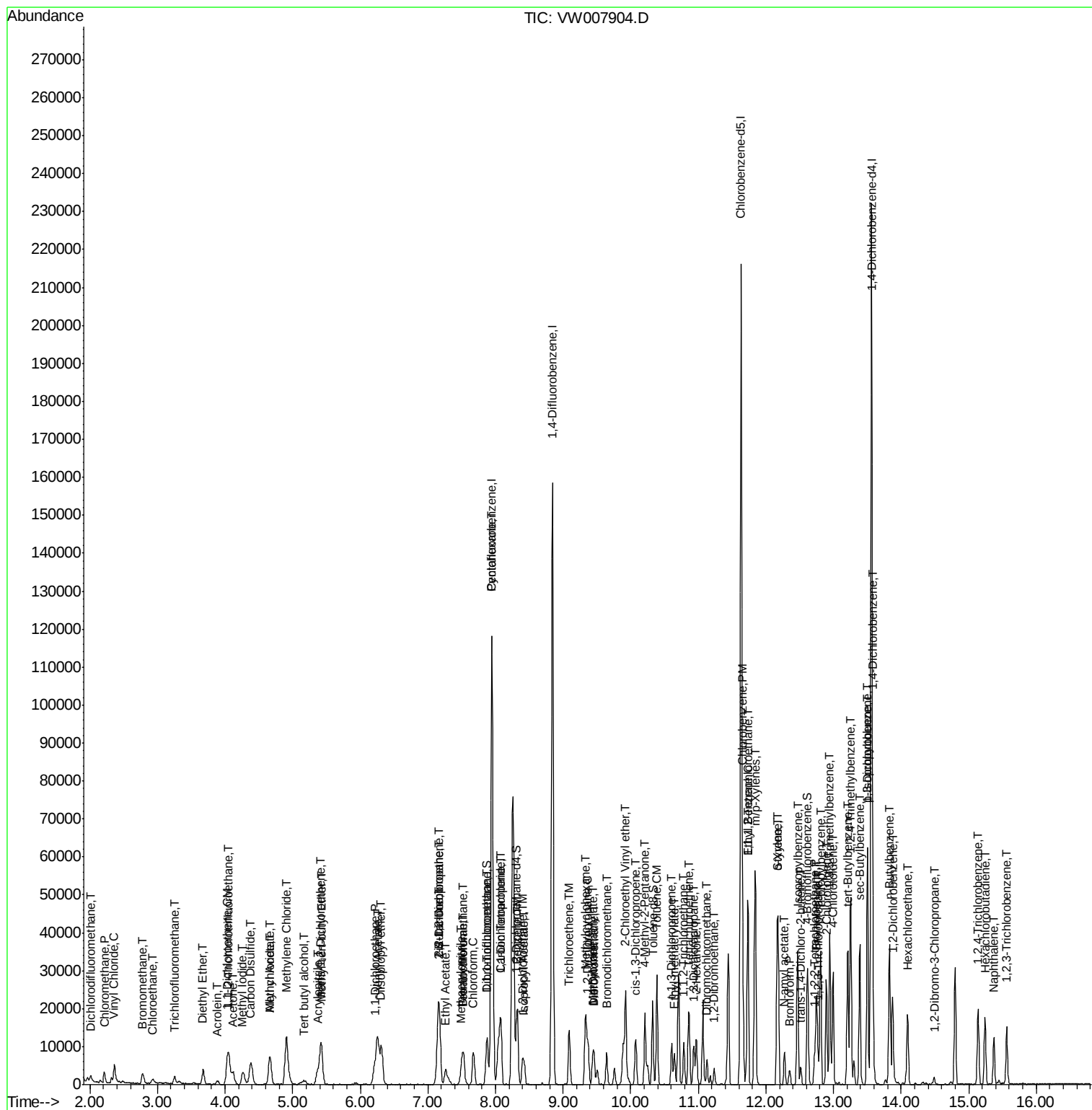
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Data File : VW007904.D
Acq On : 24 Dec 2018 23:12
Operator : SY/AP
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

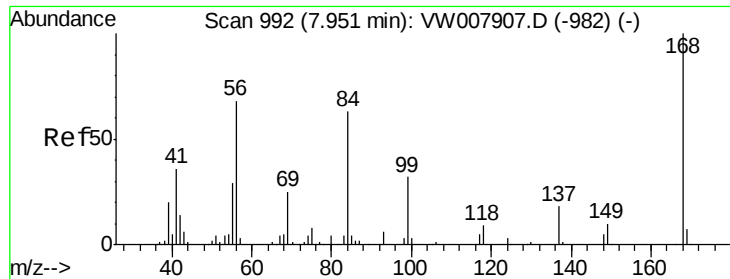
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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Quant Time: Dec 25 03:51:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 03:37:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 77591

Ion Ratio Lower Upper

168 100

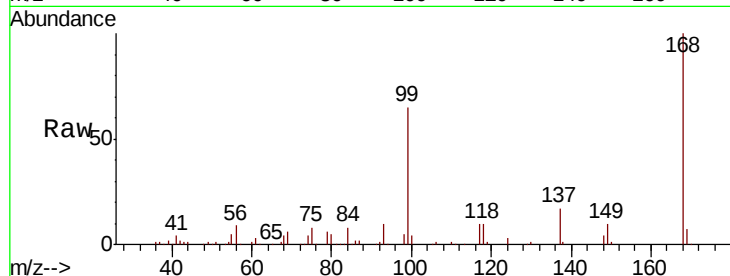
99 65.0 47.3 70.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

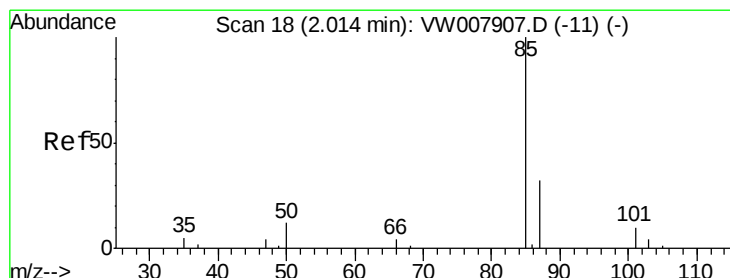
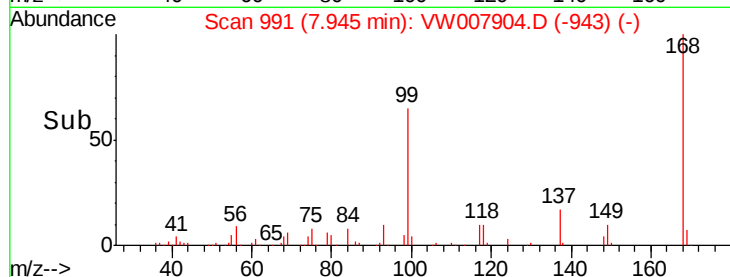
20000

10000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 4.096 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007904.D

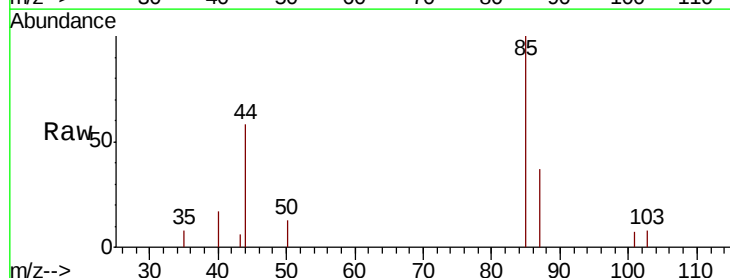
Acq: 24 Dec 2018 23:12

Tgt Ion: 85 Resp: 2794

Ion Ratio Lower Upper

85 100

87 37.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

1000

800

600

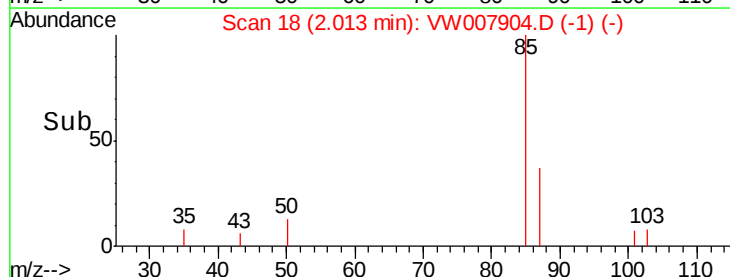
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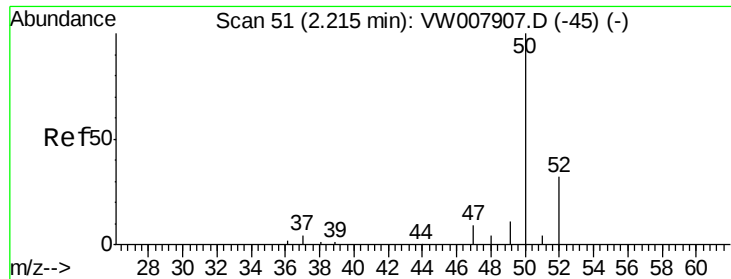
200

0

1.95 2.00 2.05 2.10 2.15

Time-->





#3

Chloromethane

Concen: 5.922 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 2653

Ion Ratio Lower Upper

50 100

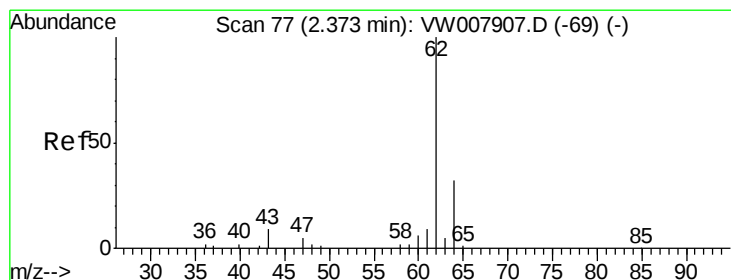
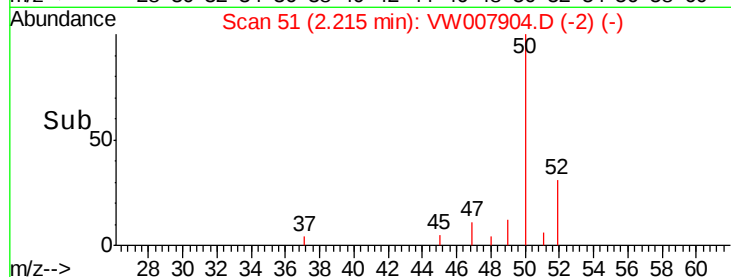
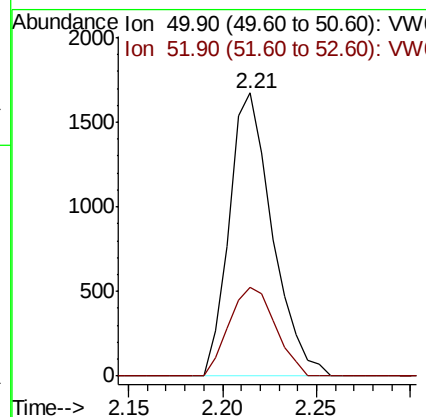
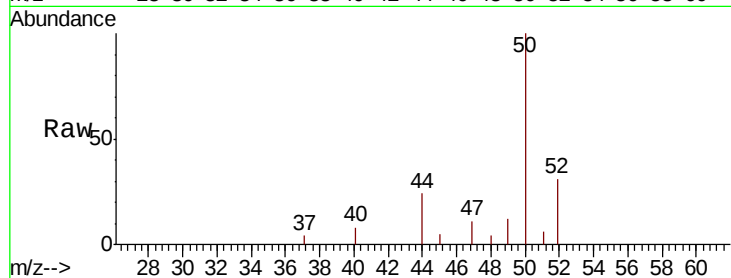
52 31.2 25.6 38.4

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#4

Vinyl Chloride

Concen: 6.242 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW007904.D

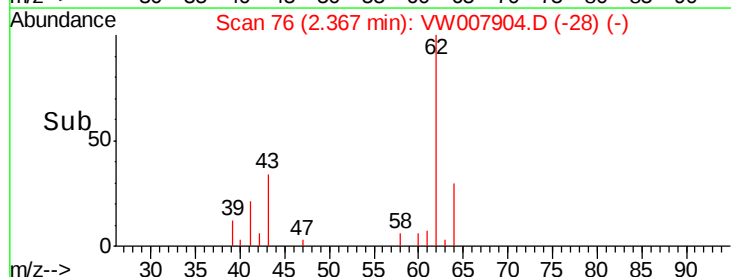
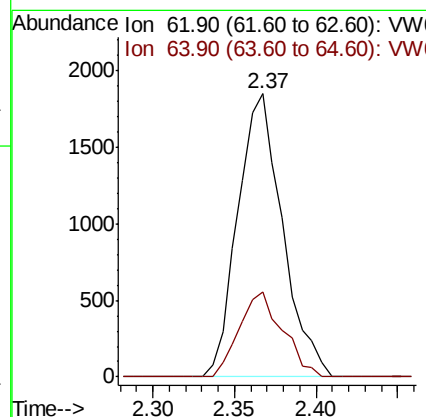
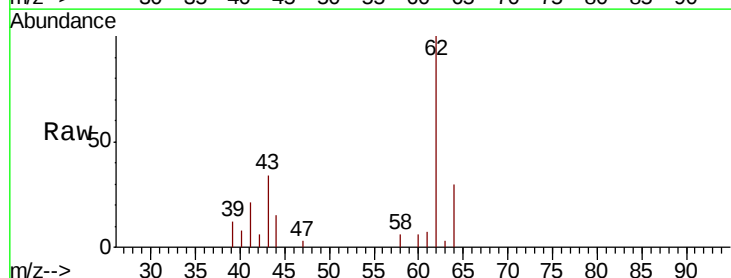
Acq: 24 Dec 2018 23:12

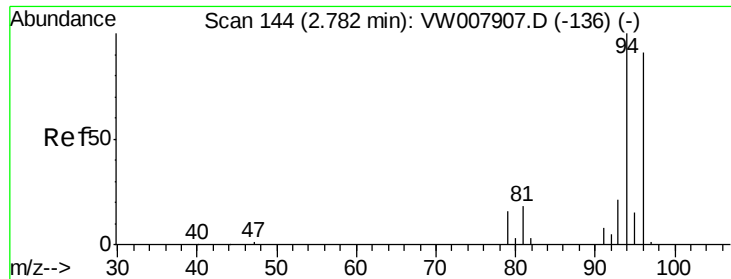
Tgt Ion: 62 Resp: 3532

Ion Ratio Lower Upper

62 100

64 30.1 25.3 37.9





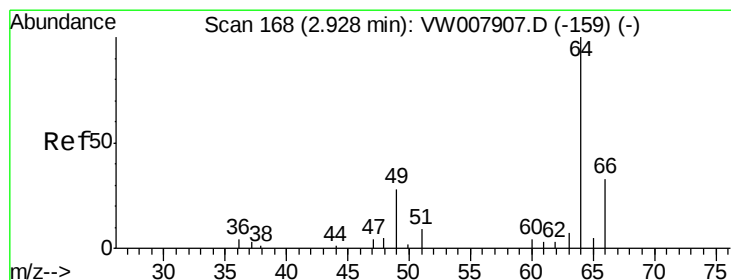
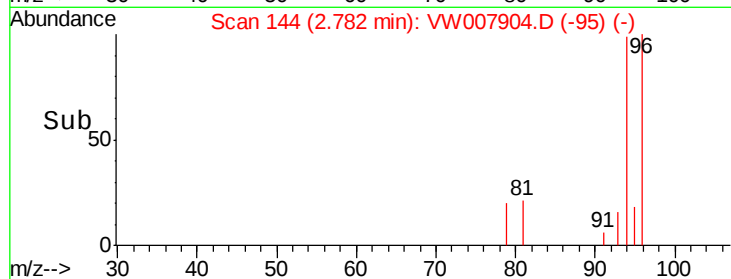
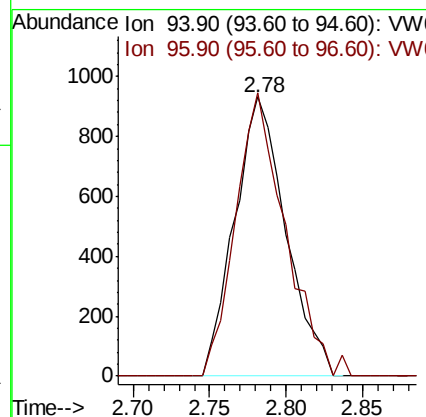
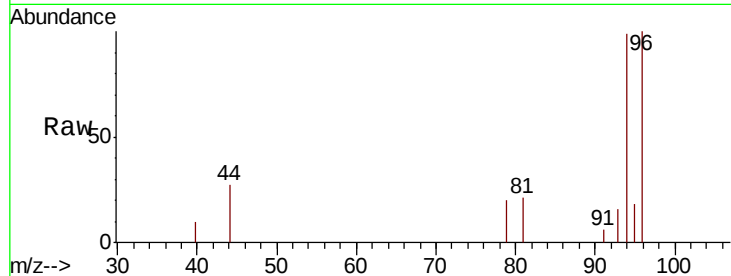
#5
Bromomethane
Concen: 5.557 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 94 Resp: 2171
Ion Ratio Lower Upper
94 100
96 101.3 72.7 109.1

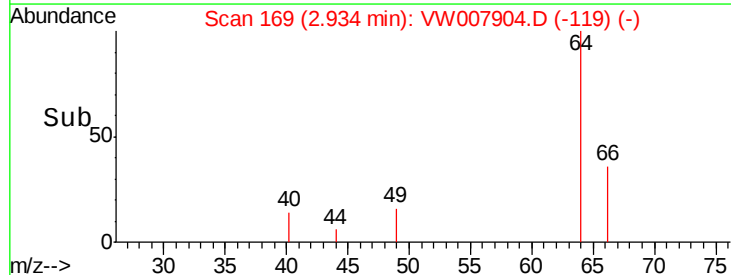
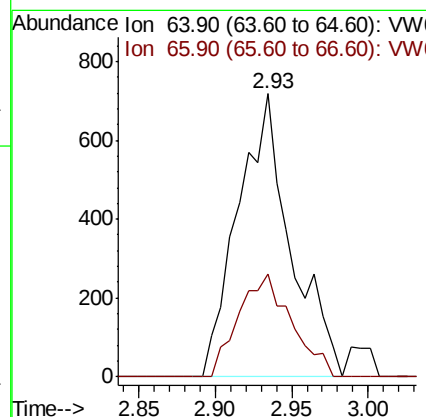
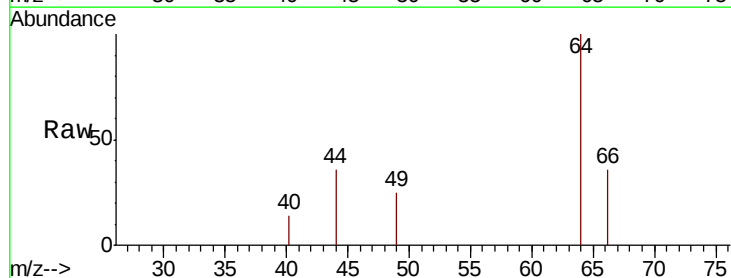
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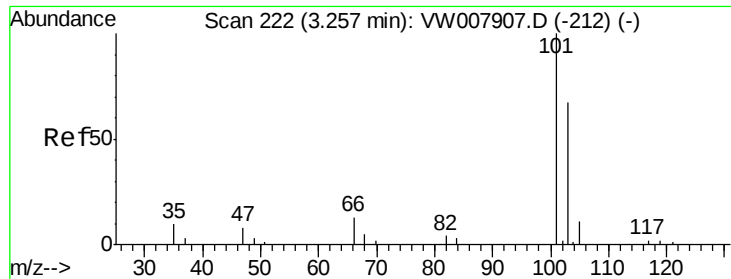
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#6
Chloroethane
Concen: 5.670 ug/l
RT: 2.93 min Scan# 169
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 64 Resp: 1726
Ion Ratio Lower Upper
64 100
66 36.5 26.2 39.2





#7

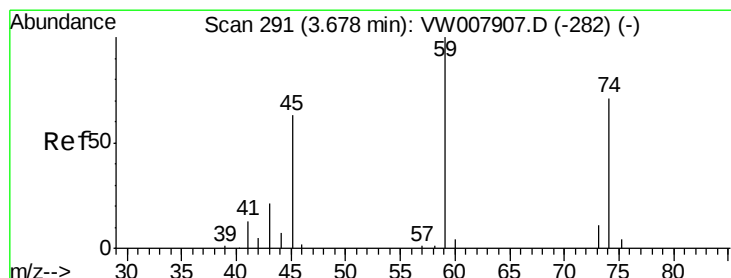
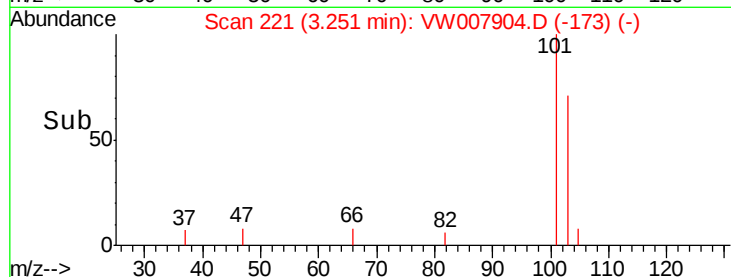
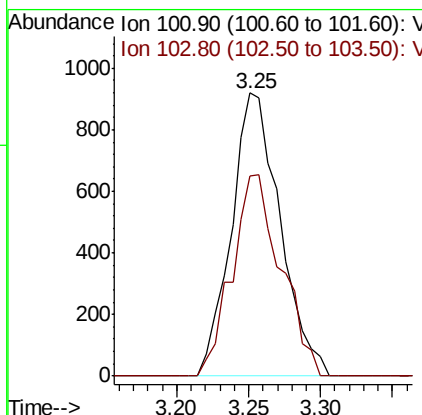
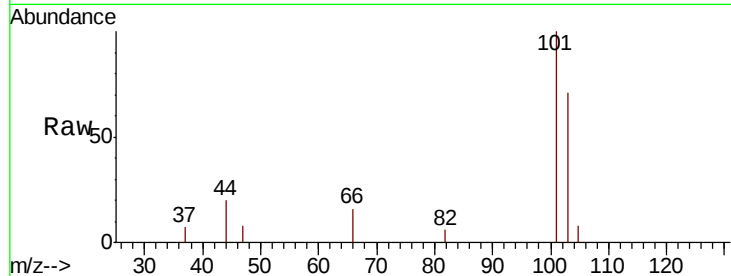
Trichlorofluoromethane
 Concen: 3.900 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.6	53.8	80.8

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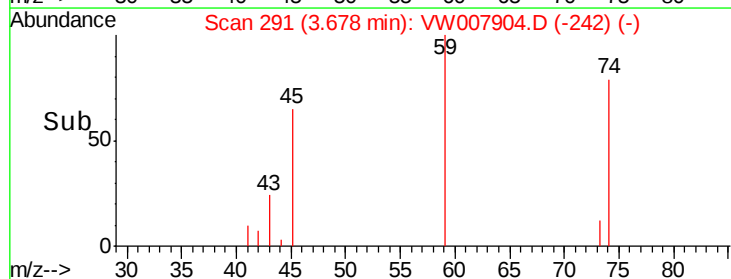
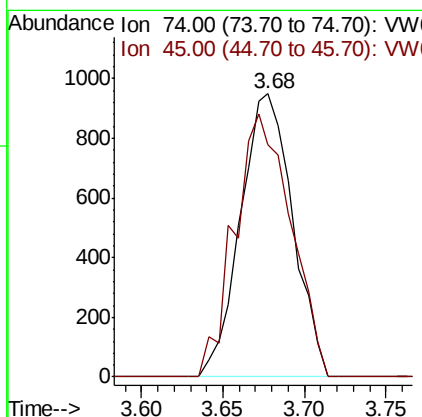
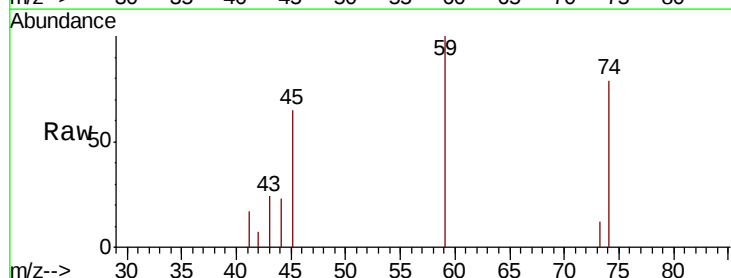
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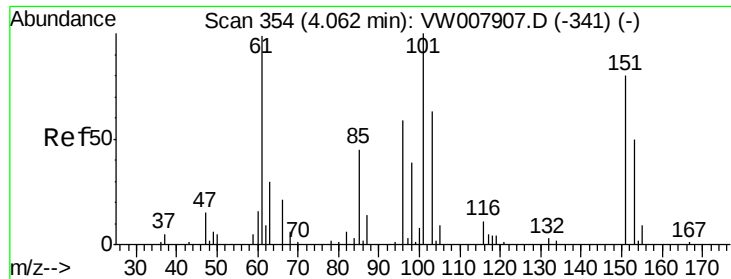


#8

Diethyl Ether
 Concen: 5.973 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	44.3	132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.859 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

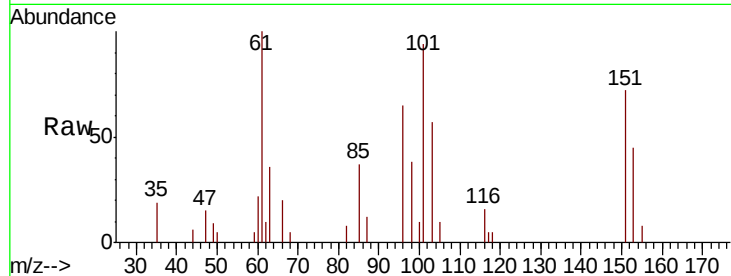
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	4027
Ion Ratio	Lower	Upper	
101	100		
85	39.0	35.8	53.6
151	70.2	63.2	94.8

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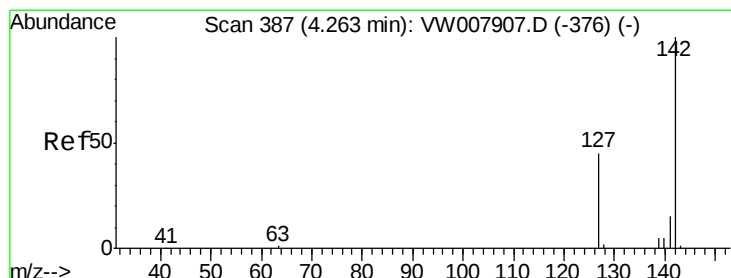
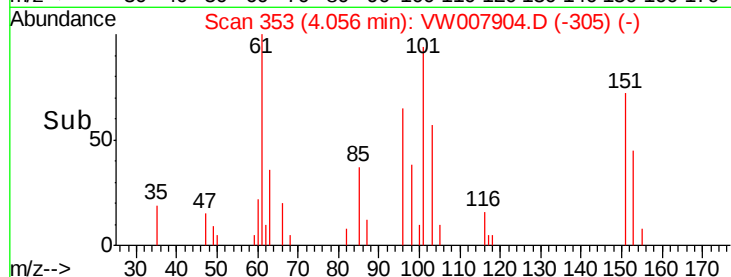
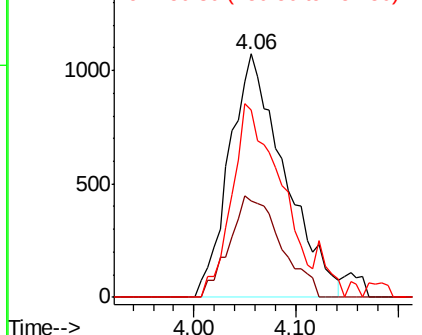


Abundance

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: 4.978 ug/l

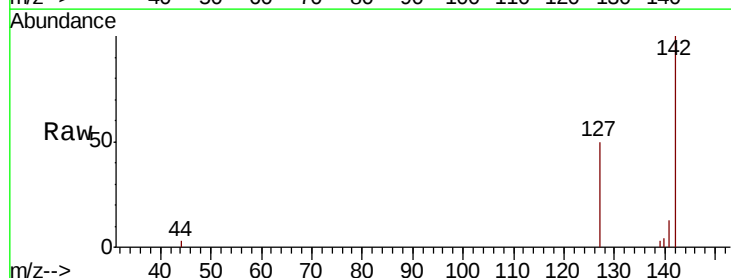
RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion:	142	Resp:	6585
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.2	54.4
141	15.9	11.6	17.4

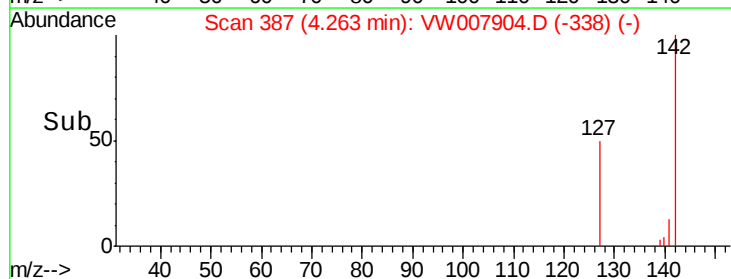
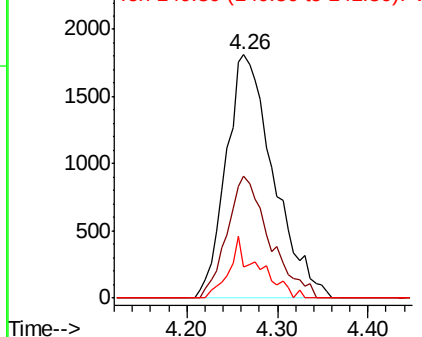


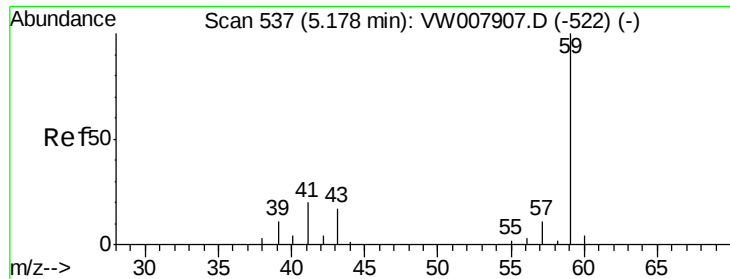
Abundance

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





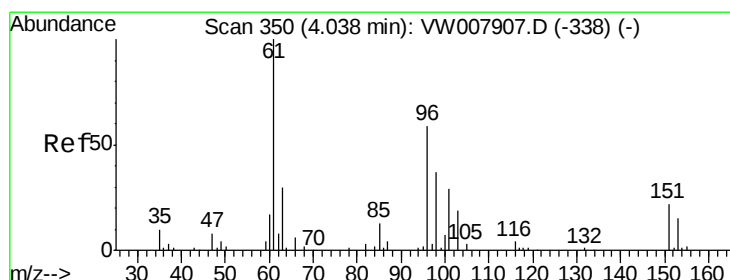
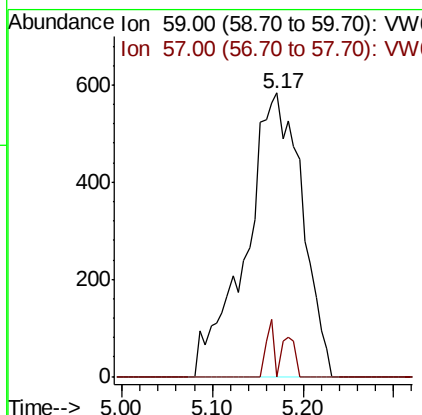
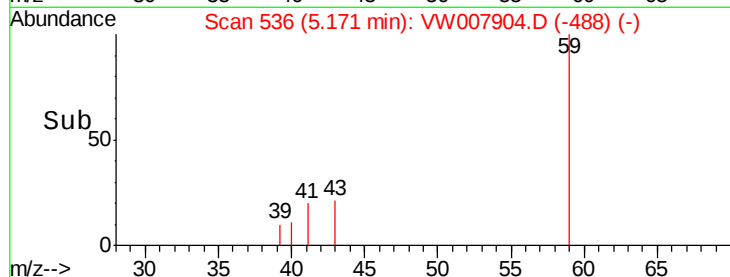
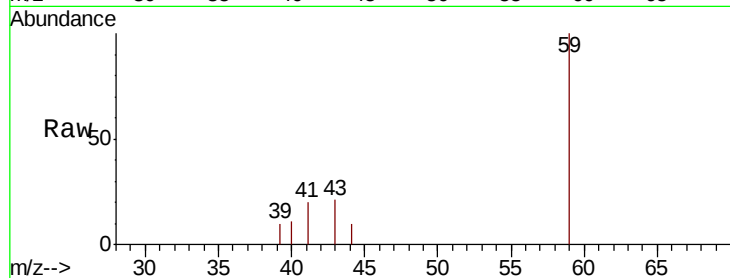
#11
Tert butyl alcohol
Concen: 41.902 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 2498
Ion Ratio Lower Upper
59 100
57 2.8 7.8 11.6#

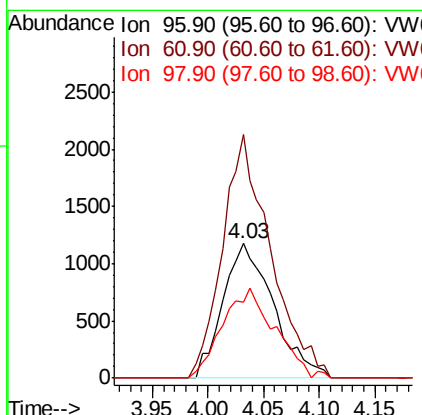
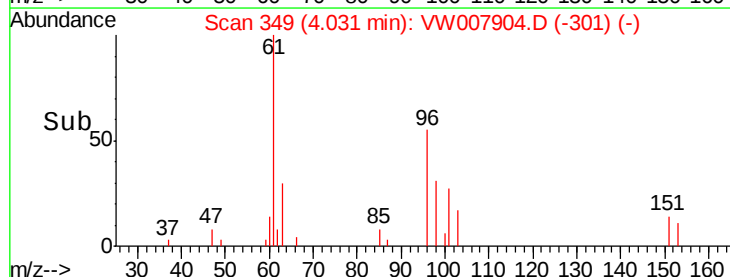
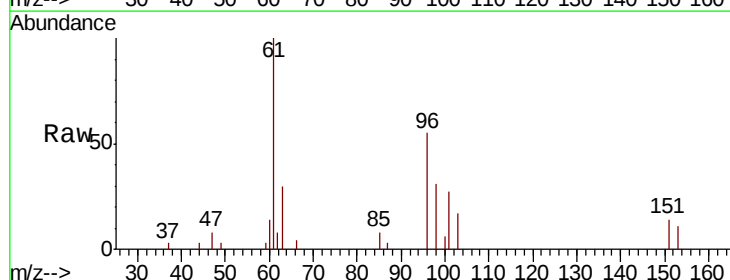
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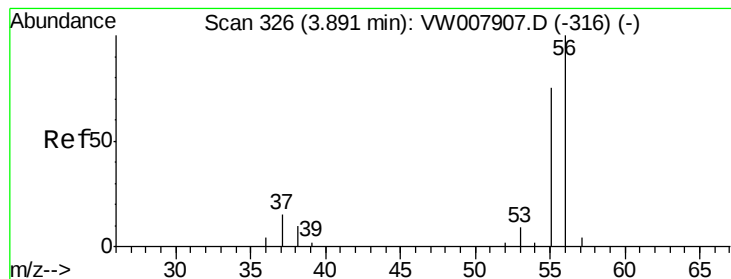
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#12
1,1-Dichloroethene
Concen: 4.804 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 96 Resp: 3702
Ion Ratio Lower Upper
96 100
61 181.3 134.5 201.7
98 56.6 50.2 75.2





#13

Acrolein

Concen: 26.724 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 1202

Ion Ratio Lower Upper

56 100

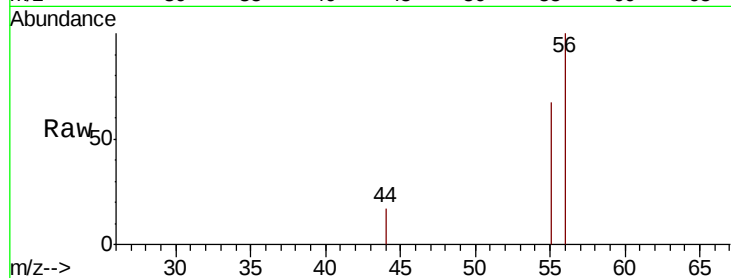
55 70.0 57.0 85.6

Manual Integrations

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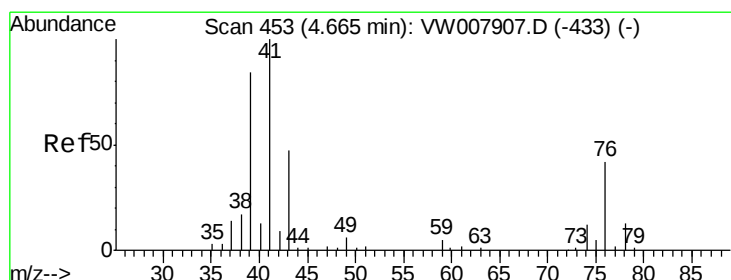
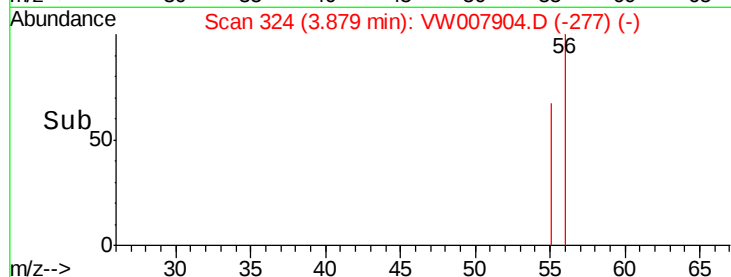


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.88

Time-->



#14

Allyl chloride

Concen: 5.602 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

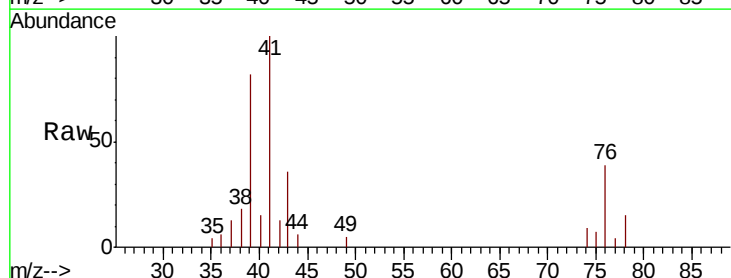
Tgt Ion: 41 Resp: 5839

Ion Ratio Lower Upper

41 100

39 79.3 62.6 93.8

76 39.2 31.1 46.7



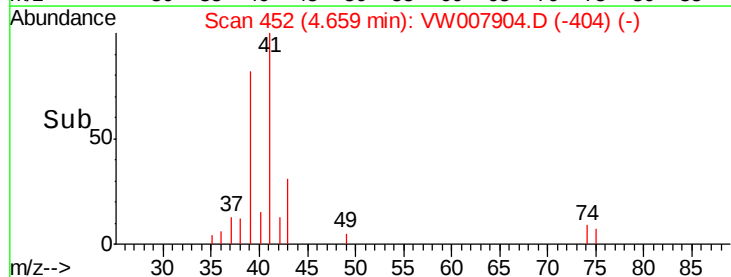
Abundance Ion 41.00 (40.70 to 41.70): VW

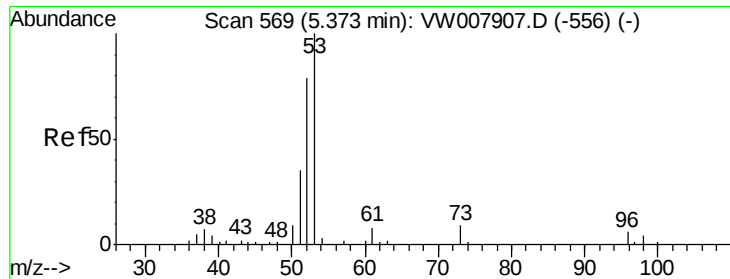
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

Time-->





#15

Acrylonitrile

Concen: 29.948 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

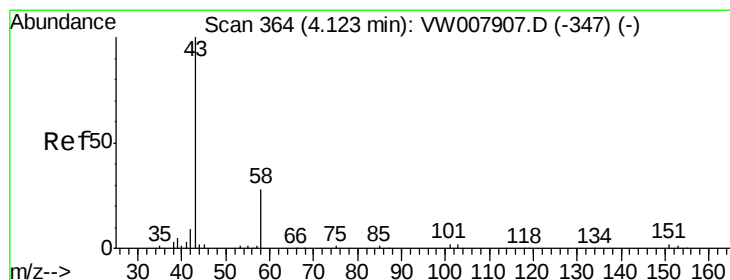
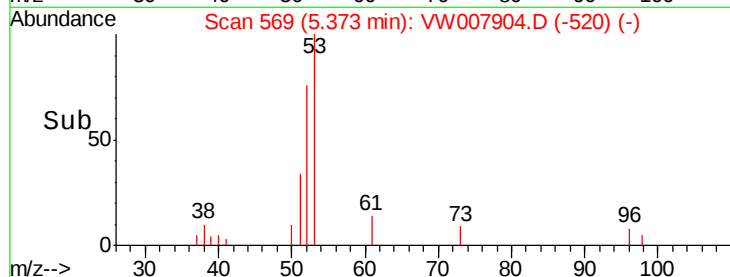
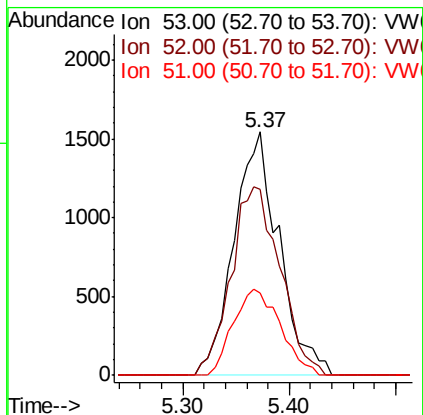
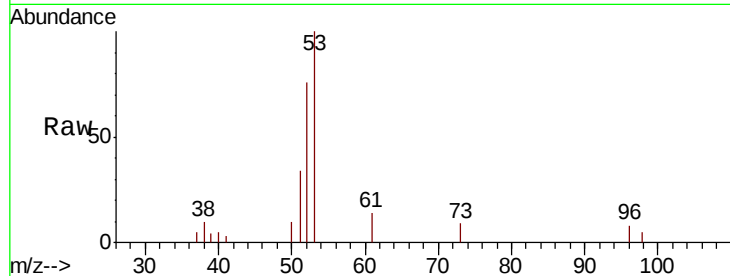
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	4580
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.2	97.8
51	37.1	30.6	45.8

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#16

Acetone

Concen: 28.850 ug/l

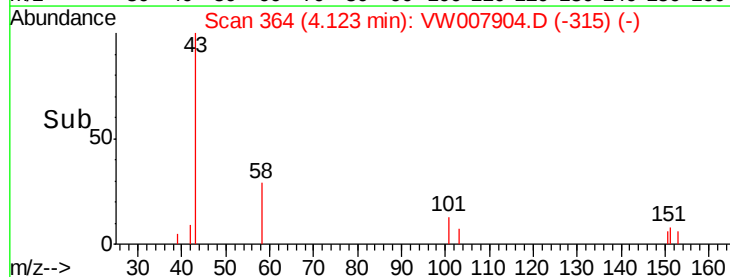
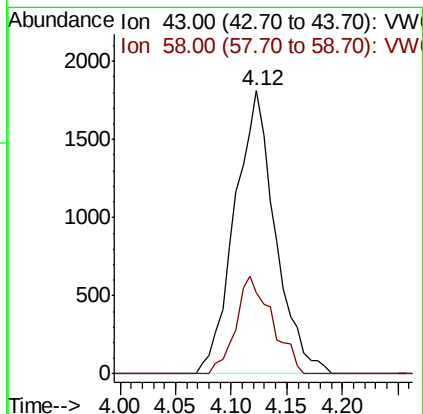
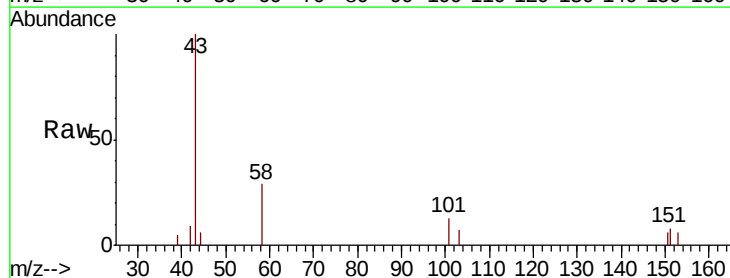
RT: 4.12 min Scan# 364

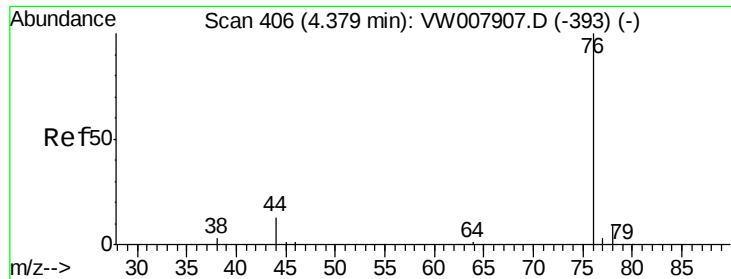
Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion:	43	Resp:	4603
Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.8	34.2





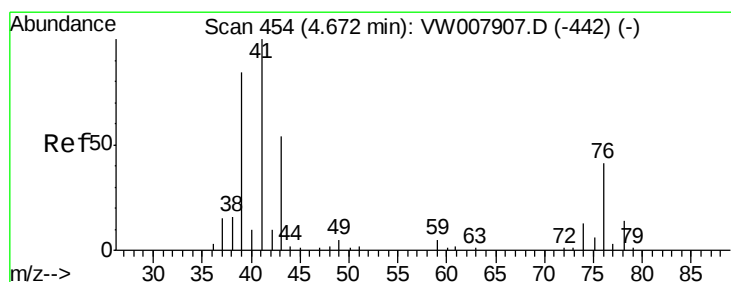
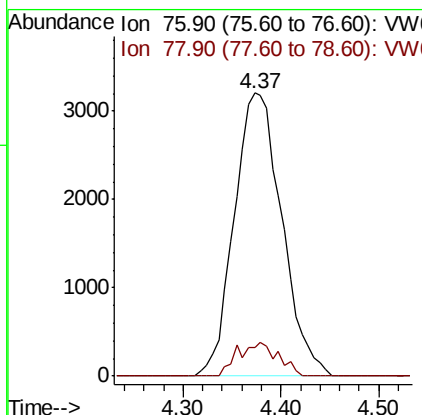
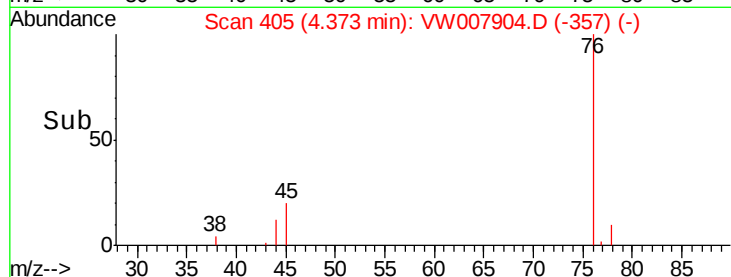
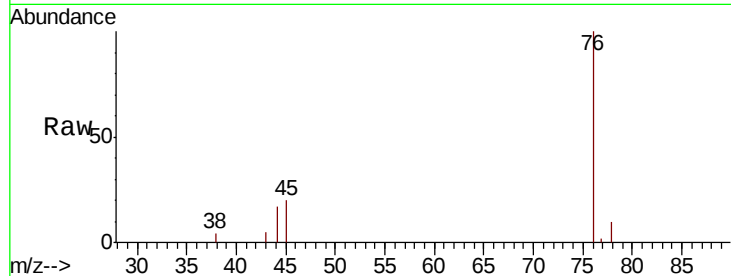
#17
Carbon Disulfide
Concen: 4.582 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 76 Resp: 10801
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

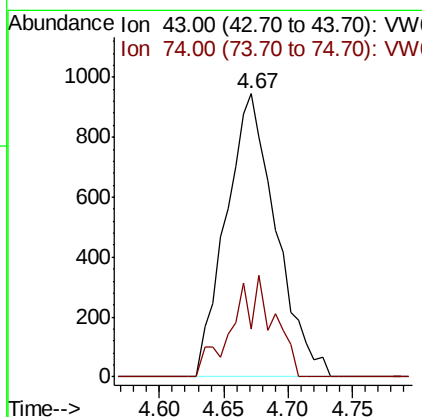
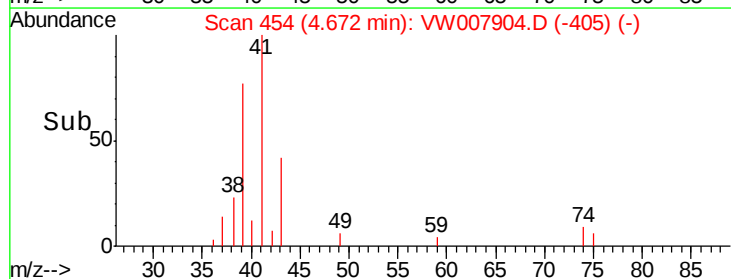
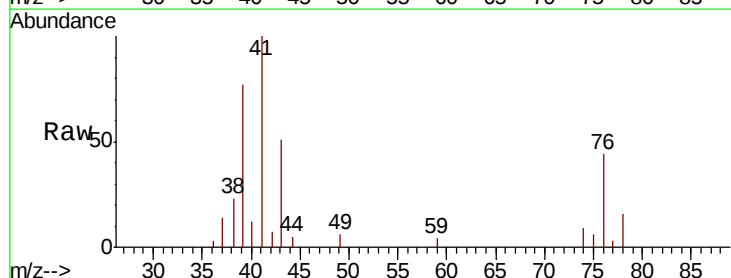
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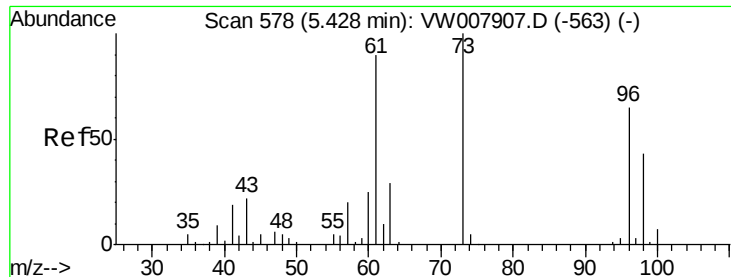
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#18
Methyl Acetate
Concen: 6.298 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 43 Resp: 2548
Ion Ratio Lower Upper
43 100
74 15.3 20.4 30.6#





#19

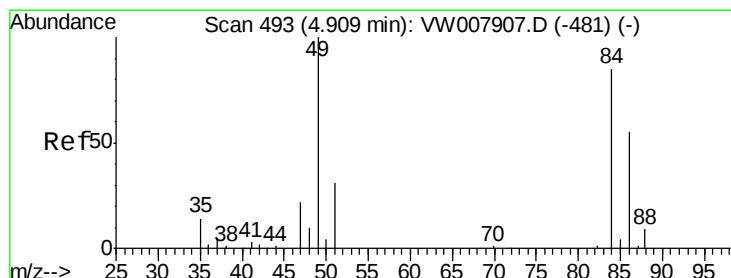
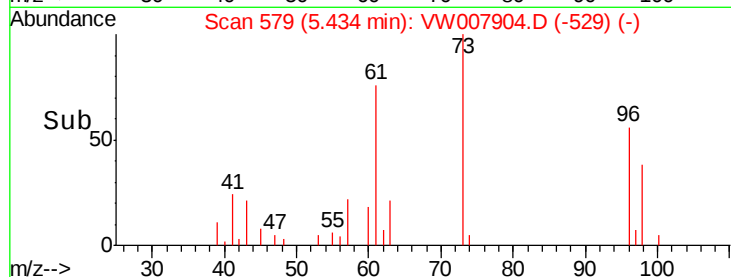
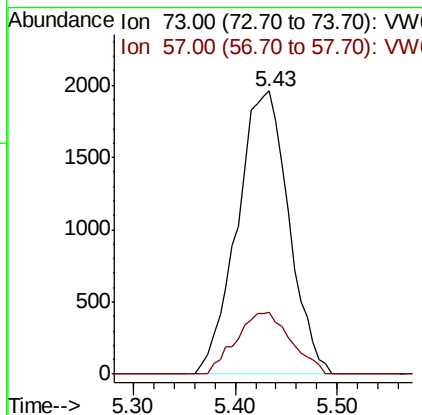
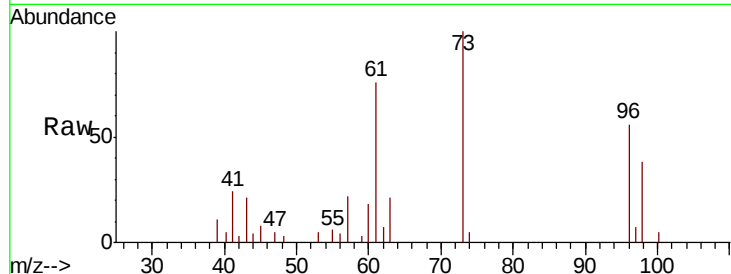
Methyl tert-butyl Ether
 Concen: 5.974 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

Tot Ion: 73 Resp: 6857
 Ion Ratio Lower Upper
 73 100
 57 21.8 15.8 23.8

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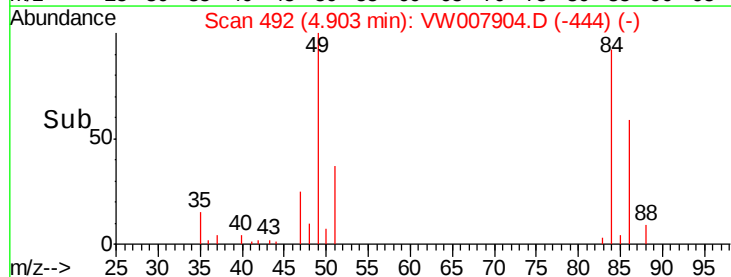
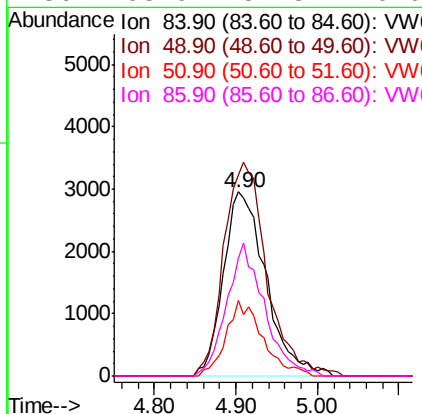
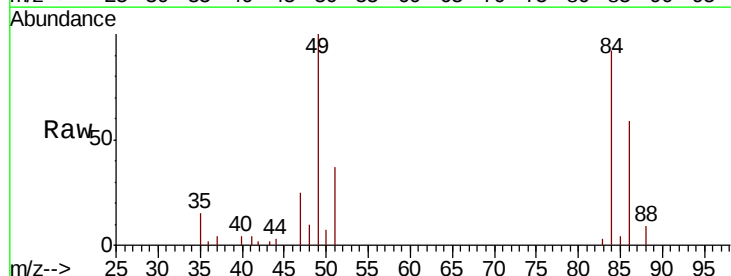
apatel
 12/27/2018 11:17:05 AM

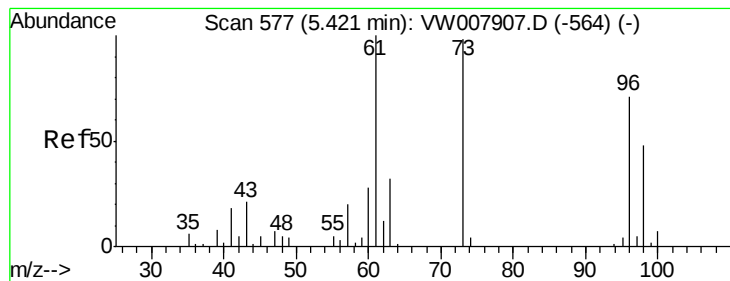


#20

Methylene Chloride
 Concen: 10.764 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 84 Resp: 10699
 Ion Ratio Lower Upper
 84 100
 49 109.2 94.0 141.0
 51 40.8 28.7 43.1
 86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 5.136 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 4368

Ion Ratio Lower Upper

96 100

61 134.4 112.0 168.0

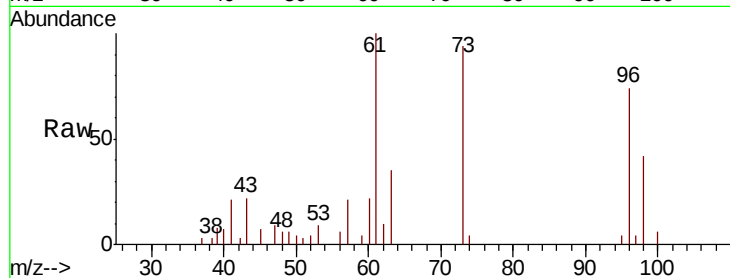
98 56.0 53.2 79.8

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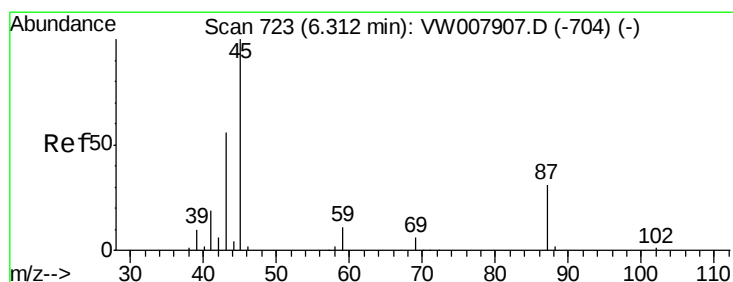
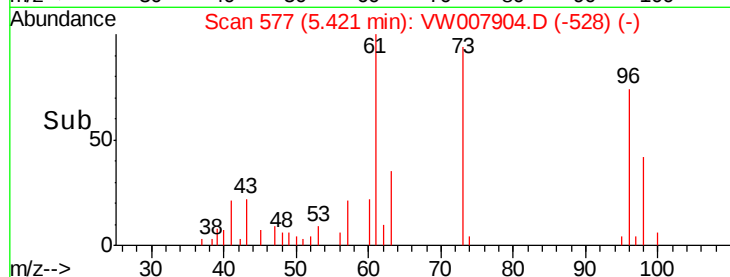
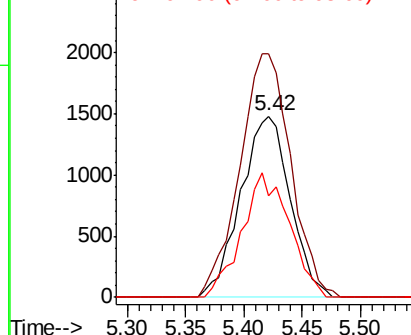


Abundance

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



#22

Diisopropyl ether

Concen: 6.350 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion: 45 Resp: 12461

Ion Ratio Lower Upper

45 100

43 53.5 45.0 67.4

87 28.9 25.5 38.3

59 14.3 9.0 13.4#

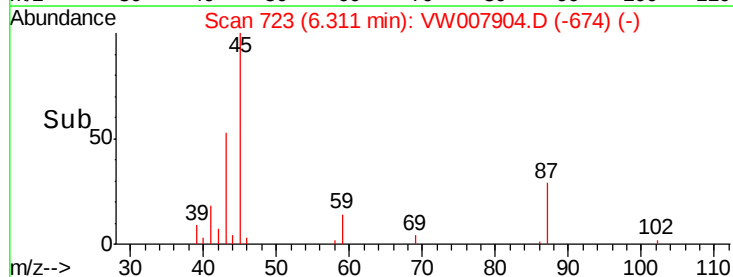
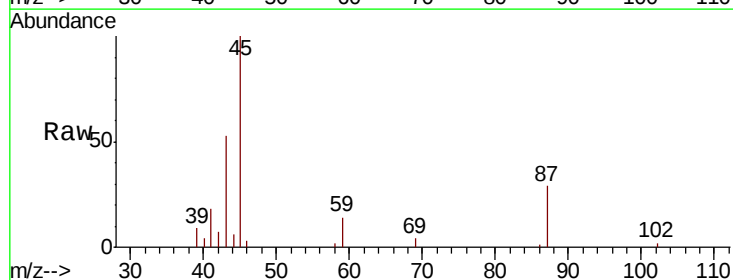
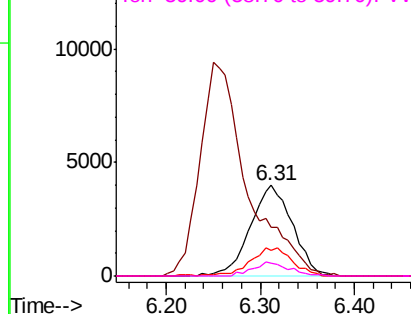
Abundance

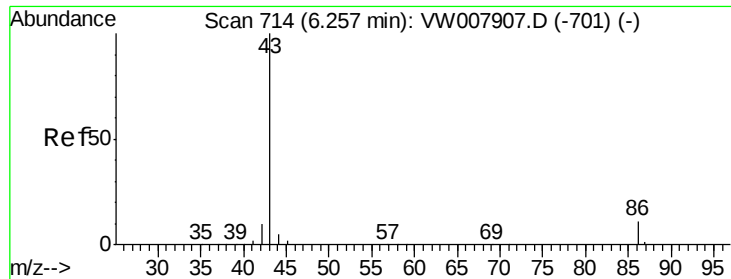
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 28.444 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC005

Tot Ion: 43 Resp: 32817

Ion Ratio Lower Upper

43 100

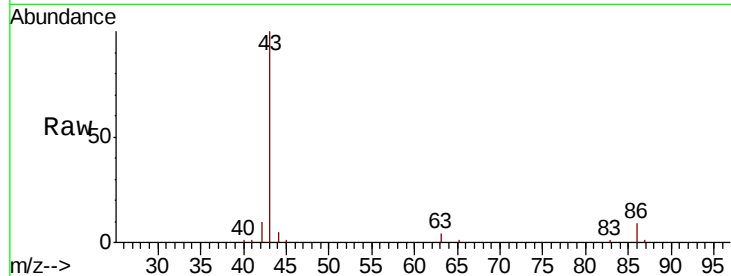
86 9.1 9.1 13.7#

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

10000

8000

6000

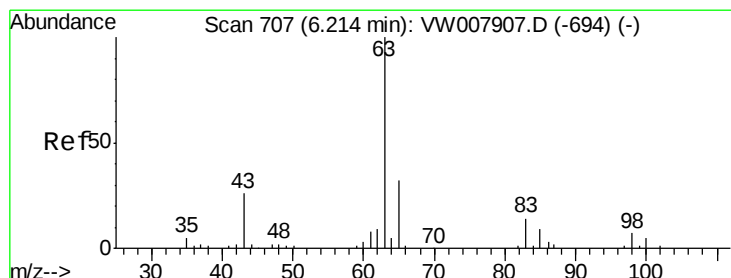
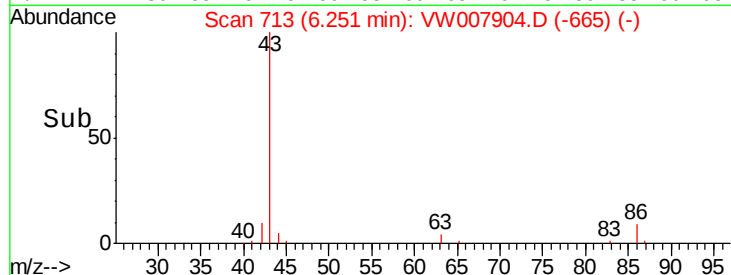
4000

2000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 5.616 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

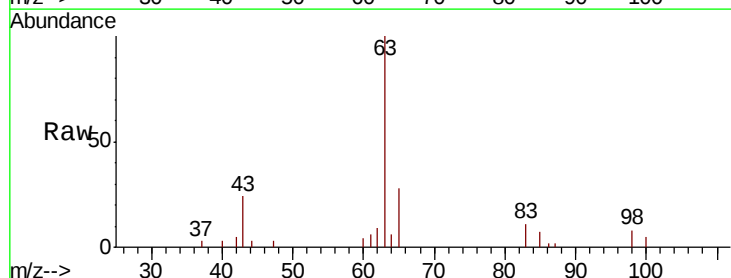
Tgt Ion: 63 Resp: 7957

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.6 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

6.21

3000

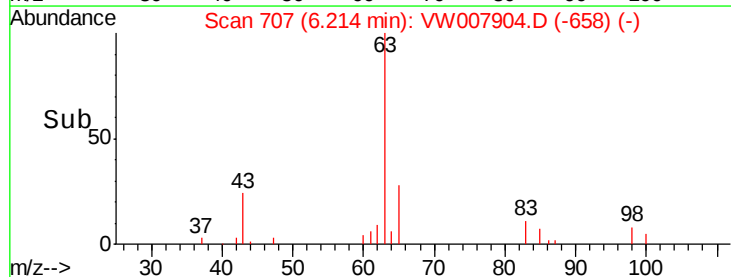
2000

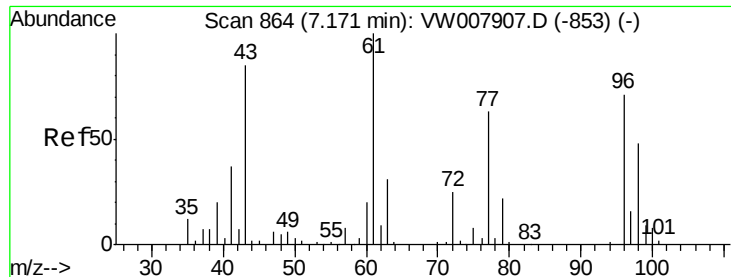
1000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 30.296 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 5867

Ion Ratio Lower Upper

43 100

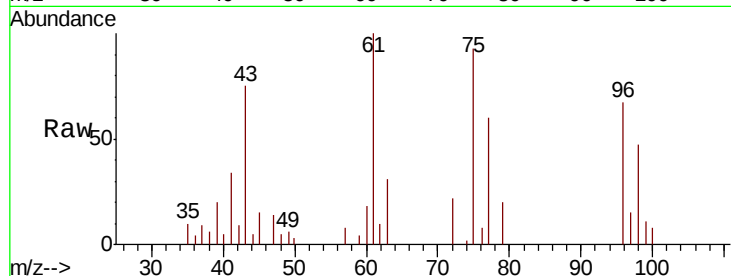
72 29.2 23.2 34.8

Manual Integrations

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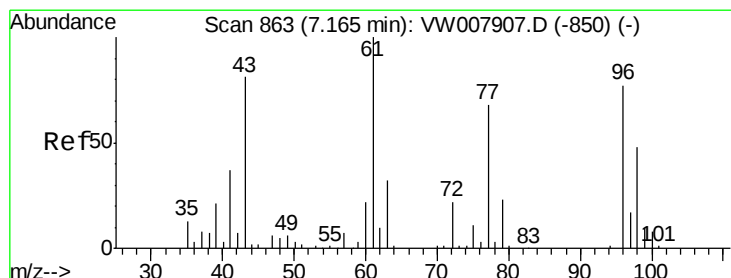
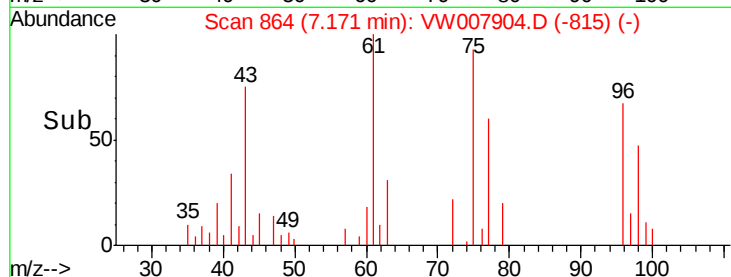
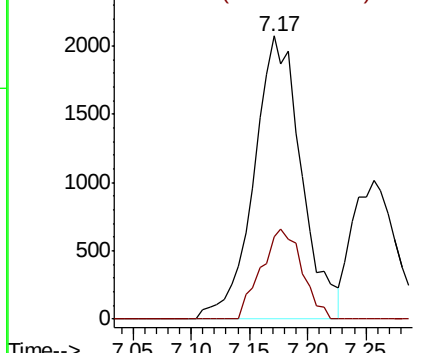
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 5.421 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW007904.D

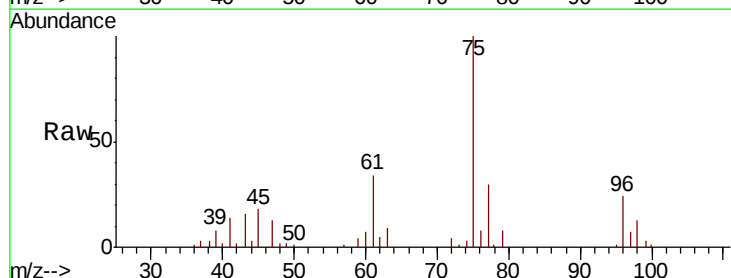
Acq: 24 Dec 2018 23:12

Tgt Ion: 77 Resp: 5515

Ion Ratio Lower Upper

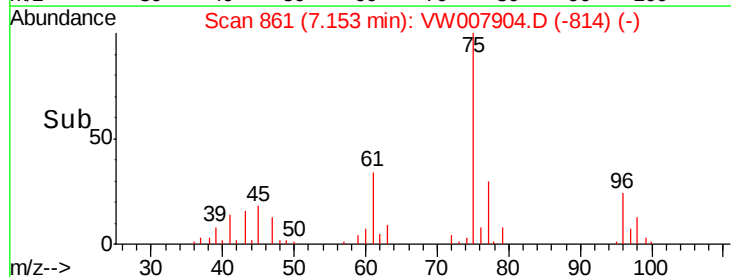
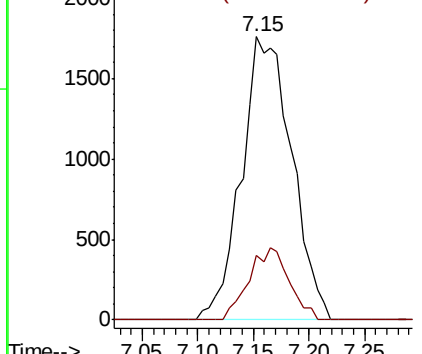
77 100

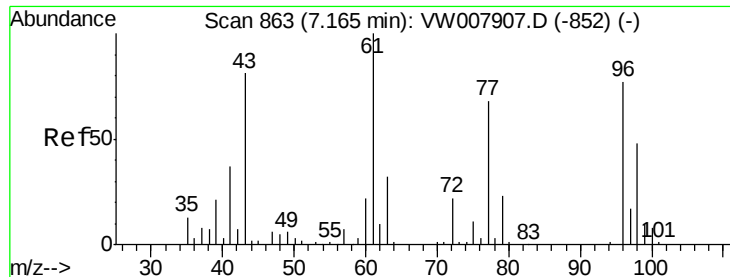
97 20.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

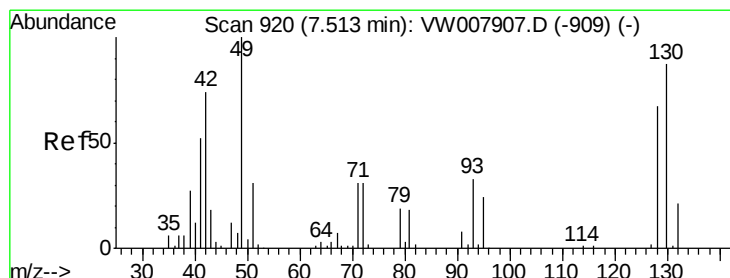
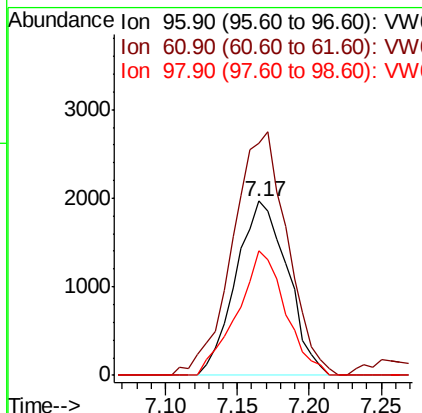
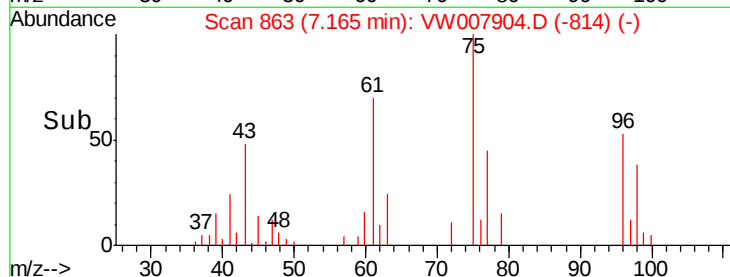
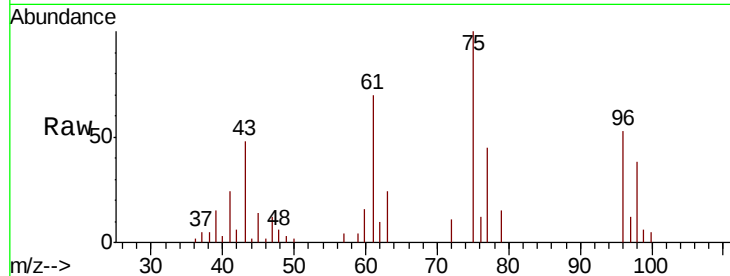
cis-1,2-Dichloroethene
Concen: 5.371 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	279.4
98	66.6	0.0	126.8

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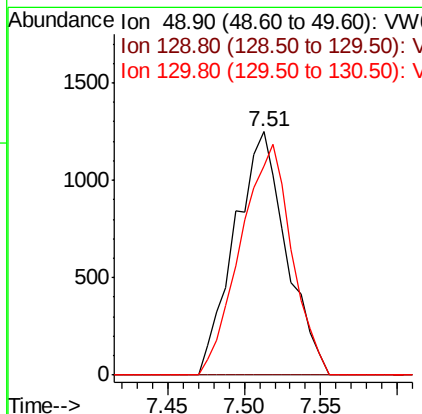
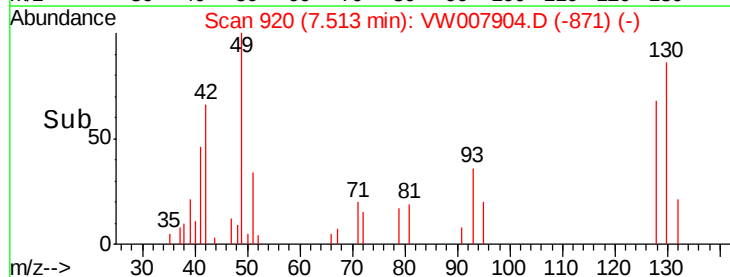
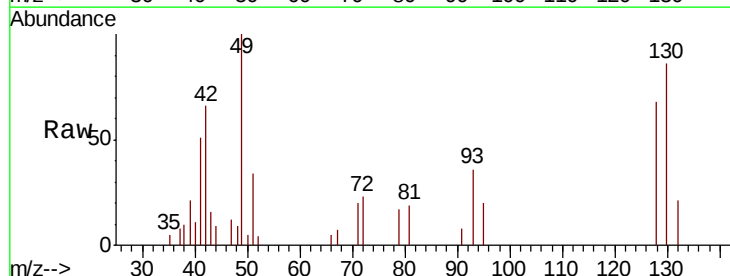
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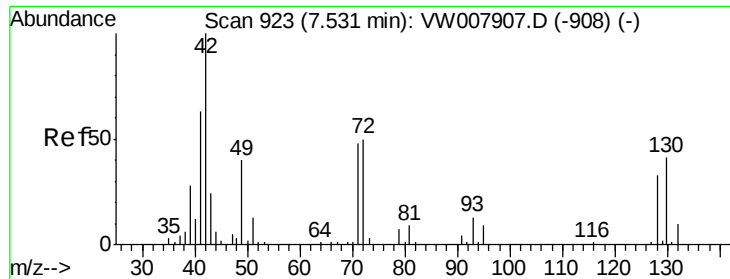


#28

Bromochloromethane
Concen: 6.014 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.4
130	94.4	70.7	106.1





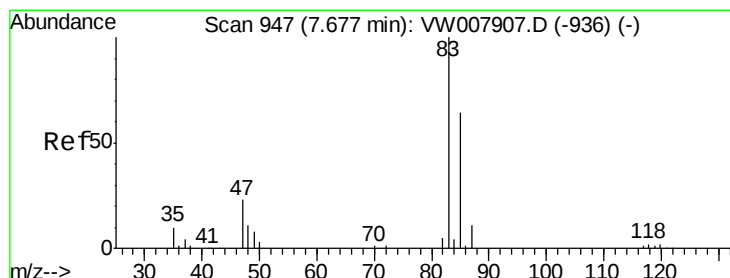
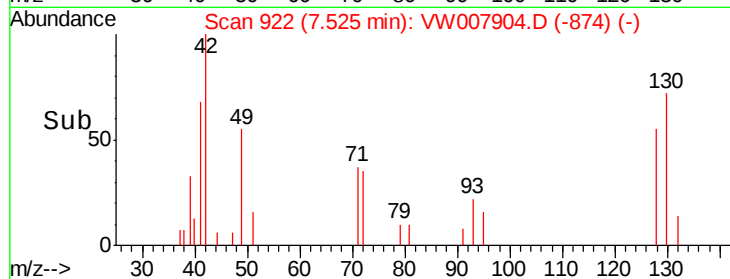
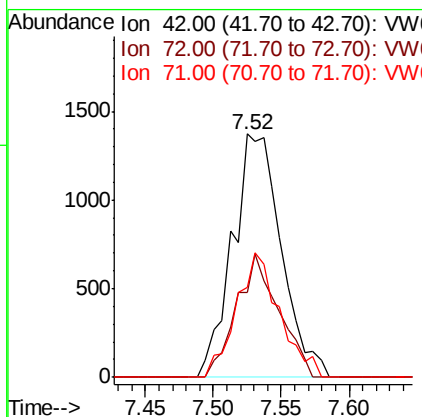
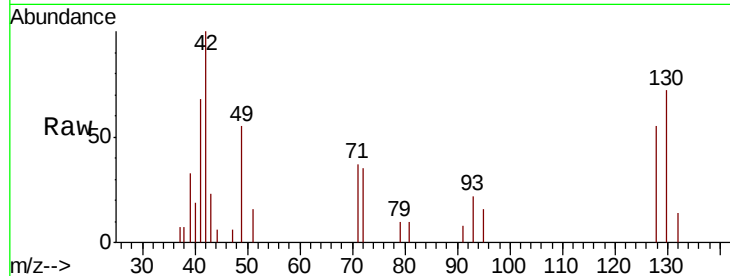
#29
Tetrahydrofuran
Concen: 29.409 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	37.8	56.8
71	45.3	35.8	53.6

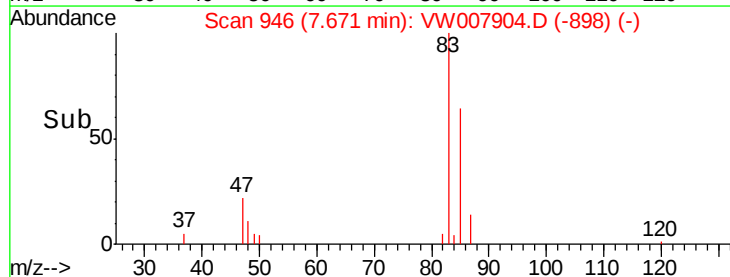
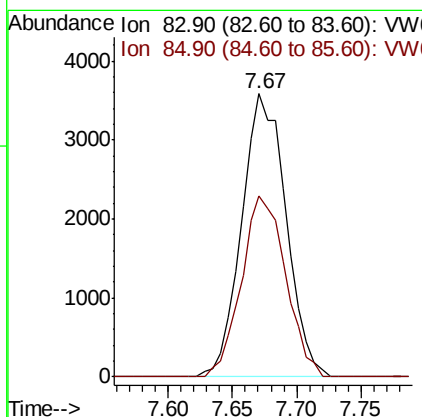
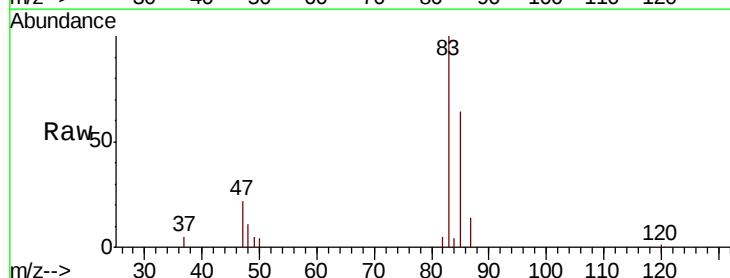
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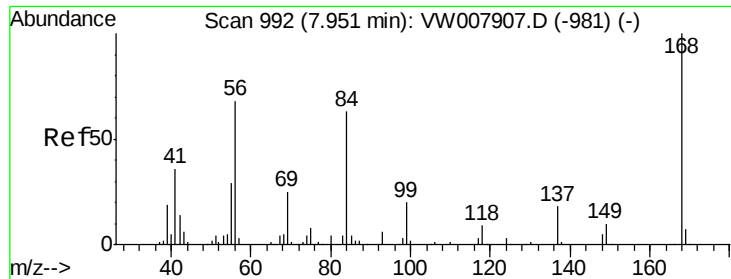
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#30
Chloroform
Concen: 5.381 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9





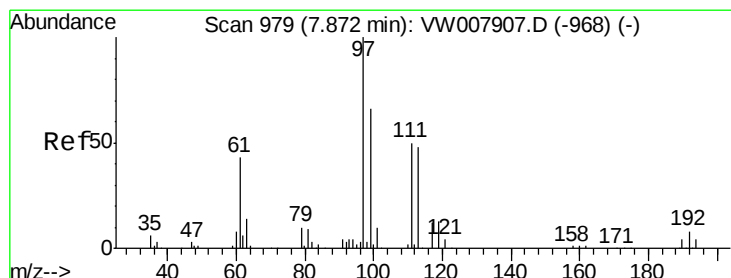
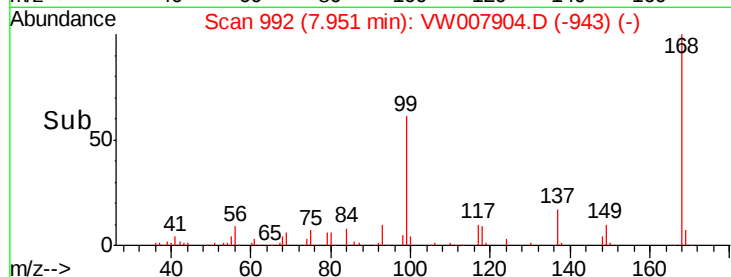
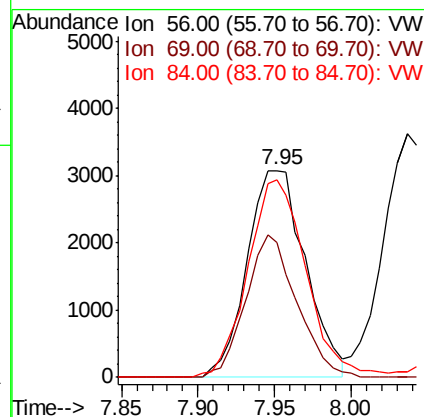
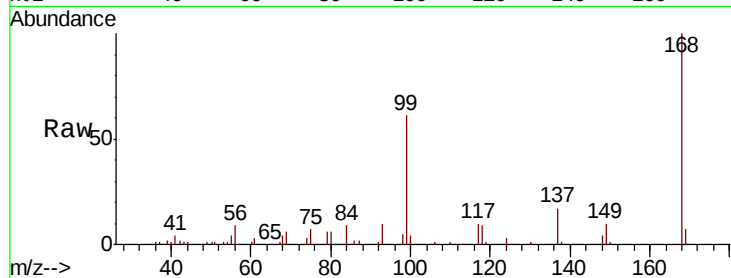
#31
Cyclohexane
Concen: 6.339 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	65.1	29.9	44.9#
84	95.3	74.5	111.7

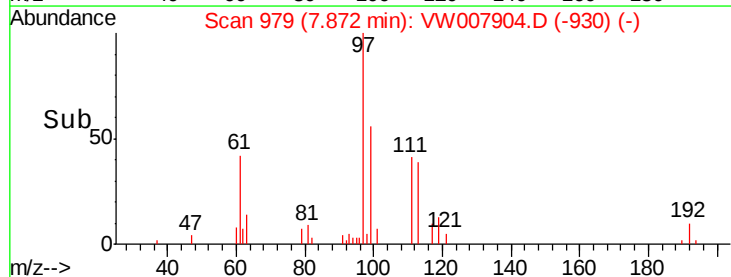
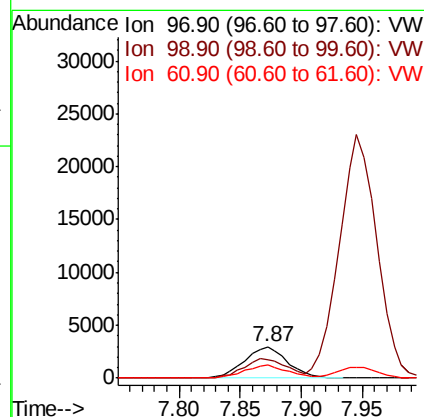
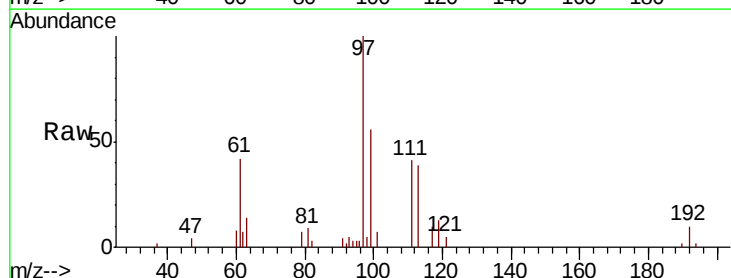
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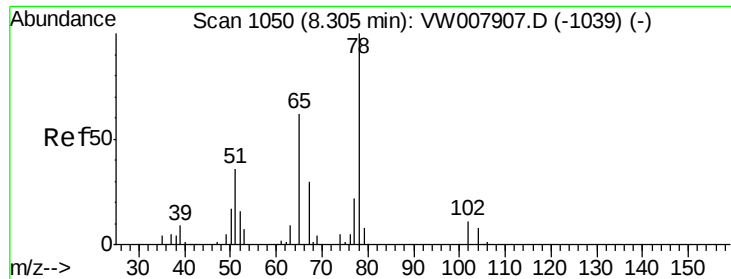
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#32
1,1,1-Trichloroethane
Concen: 5.001 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	52.7	79.1
61	41.9	33.3	49.9





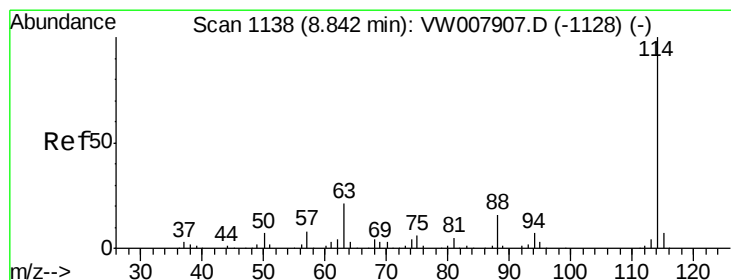
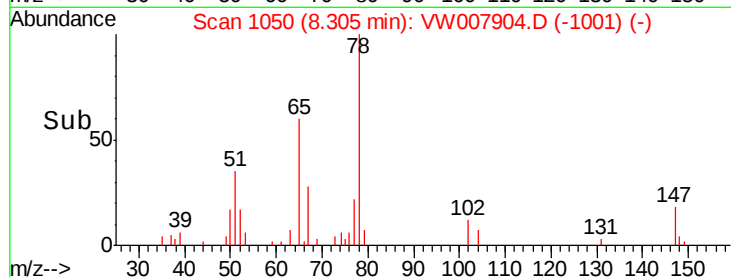
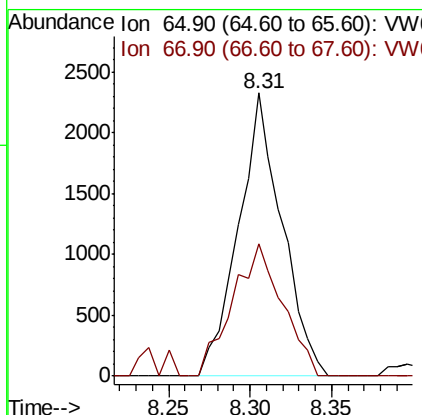
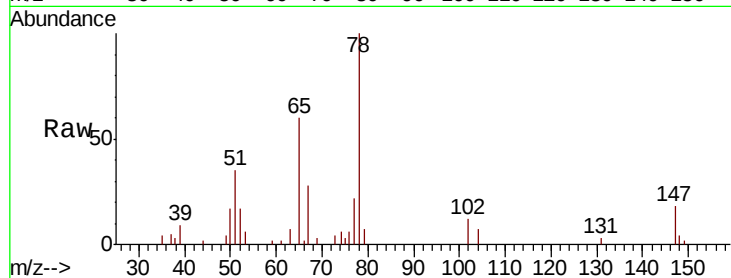
#33
 1,2-Dichloroethane-d4
 Concen: 4.944 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	98.6

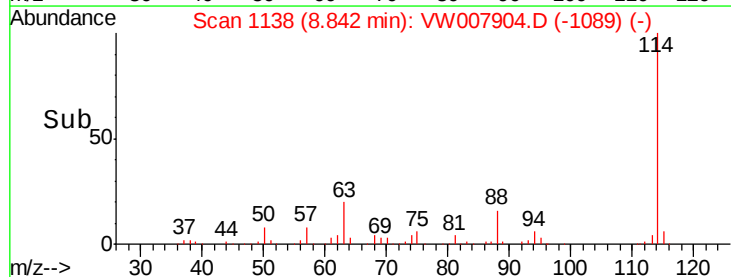
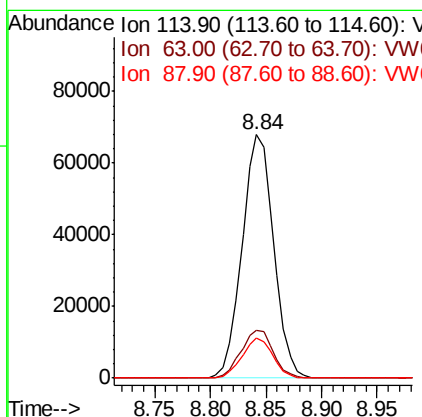
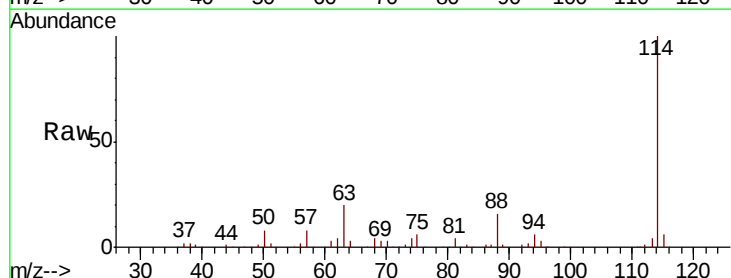
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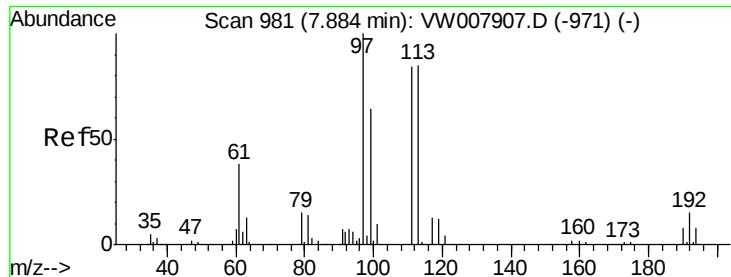
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	16.4	0.0	32.4





#35

Dibromofluoromethane

Concen: 4.701 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

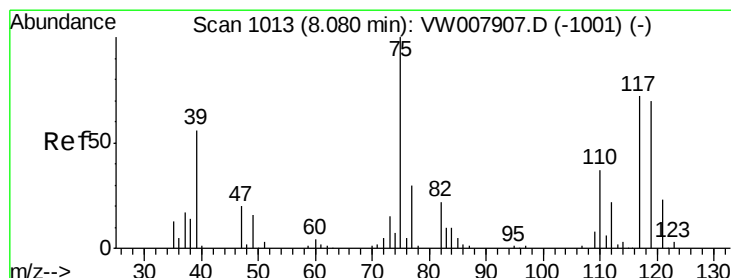
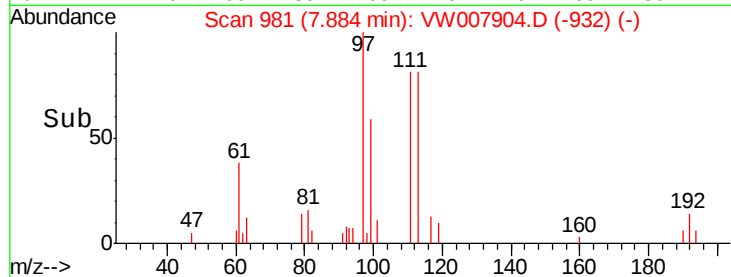
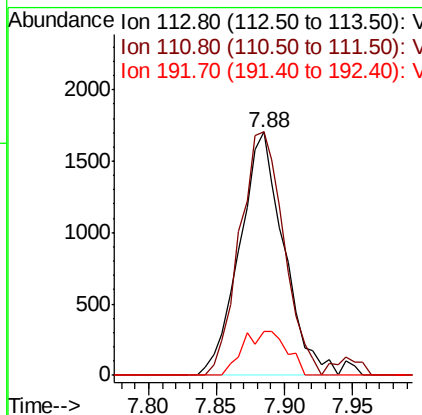
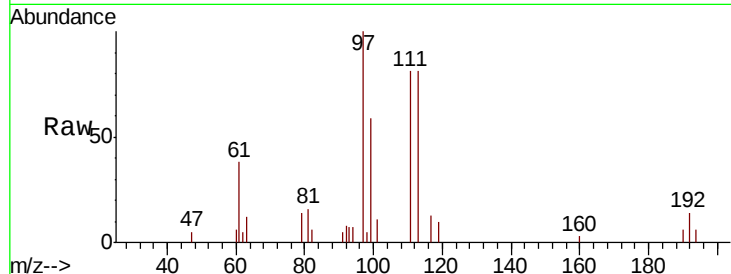
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	3868
Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.9	122.9
192	18.0	14.9	22.3

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#36

1,1-Dichloropropene

Concen: 4.825 ug/l

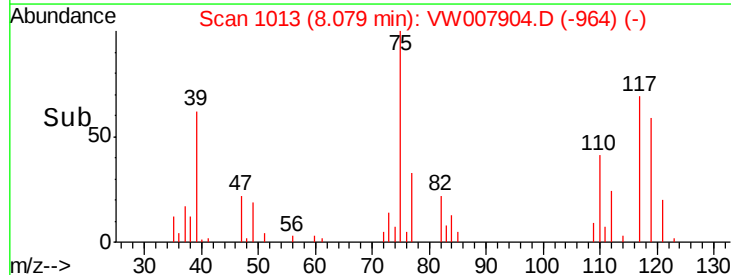
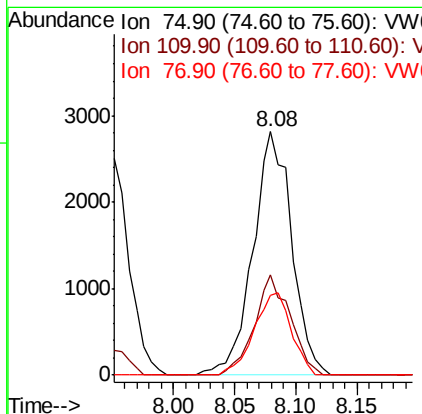
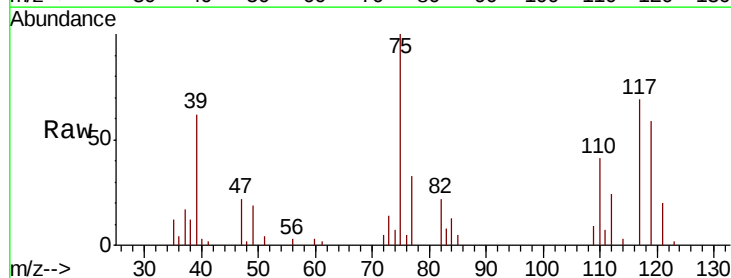
RT: 8.08 min Scan# 1013

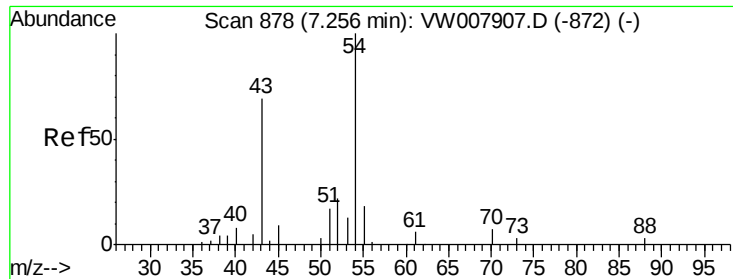
Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion:	75	Resp:	6208
Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.2	54.6
77	32.5	25.0	37.4





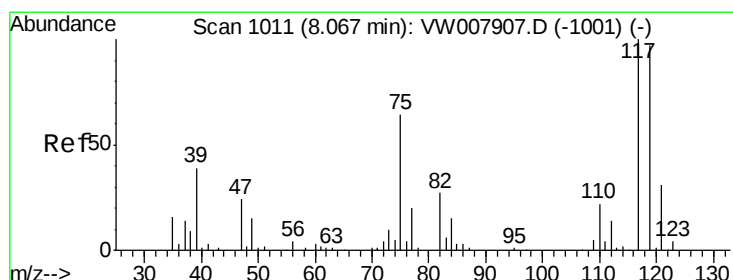
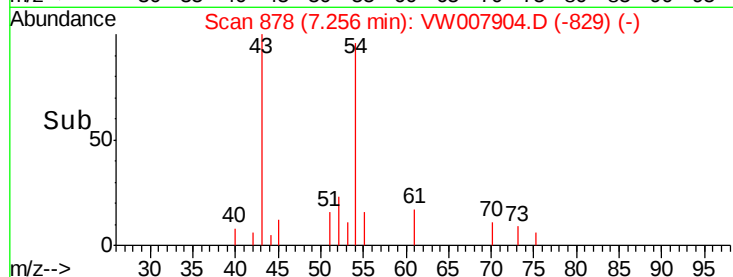
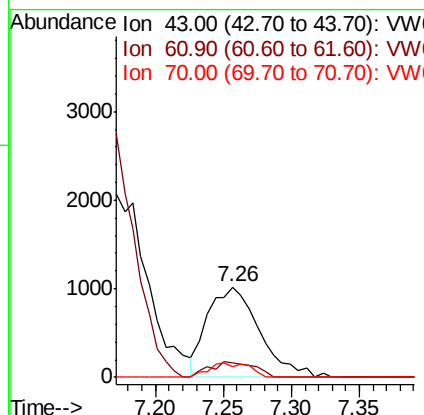
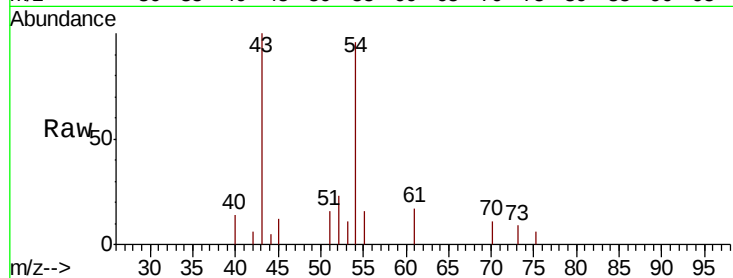
#37
Ethyl Acetate
Concen: 5.957 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 11.9 9.0 13.4

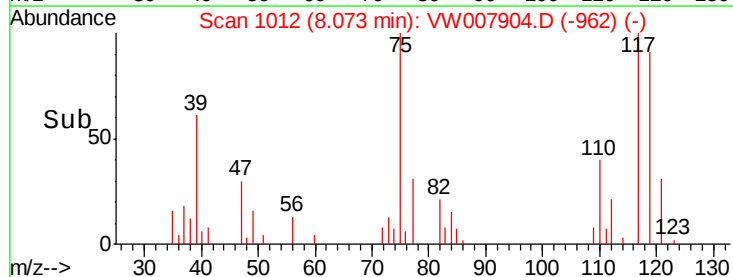
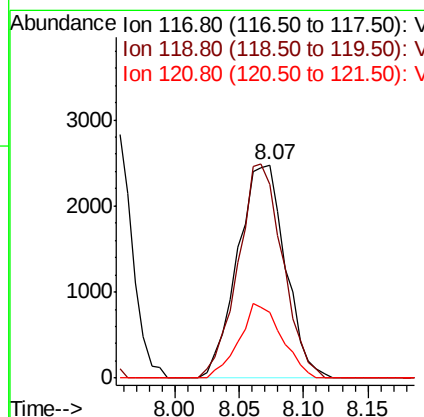
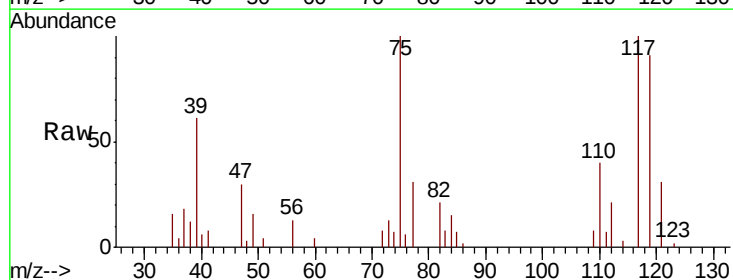
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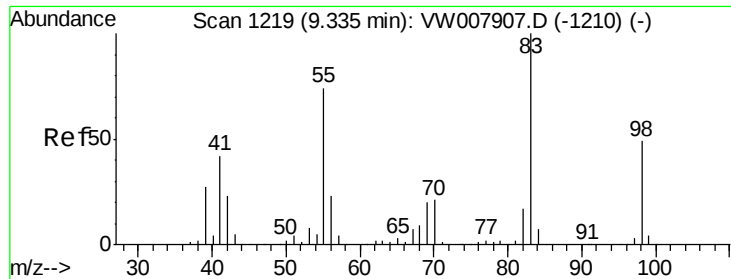
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#38
Carbon Tetrachloride
Concen: 4.272 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 117 Resp: 6364
Ion Ratio Lower Upper
117 100
119 90.7 77.3 115.9
121 30.6 24.5 36.7





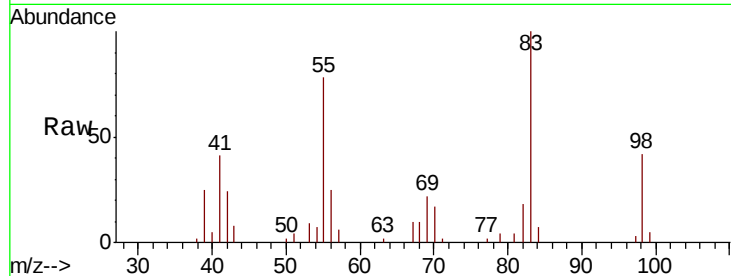
#39
Methvlcvclohexane
Concen: 4.827 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

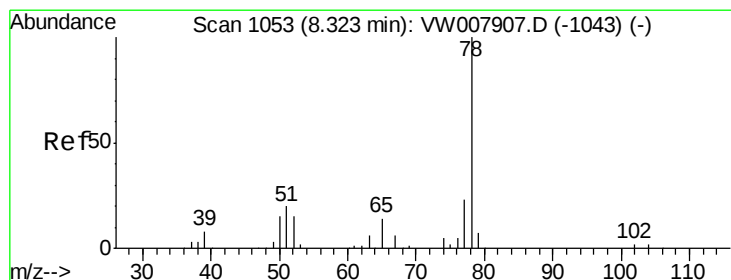
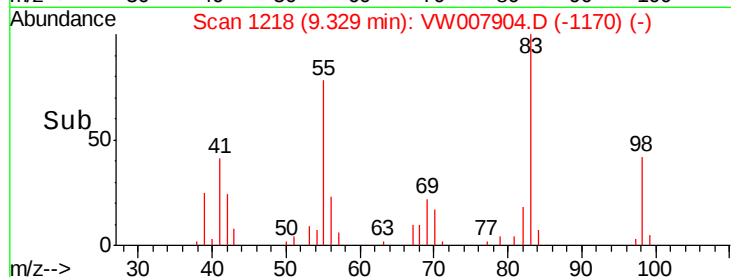
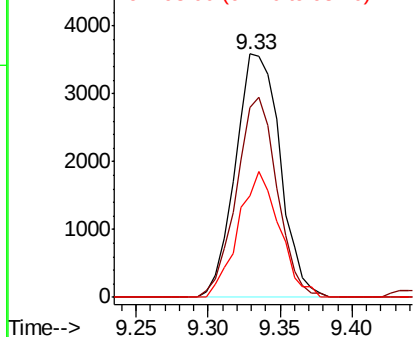
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	59.1	88.7
98	41.6	39.2	58.8

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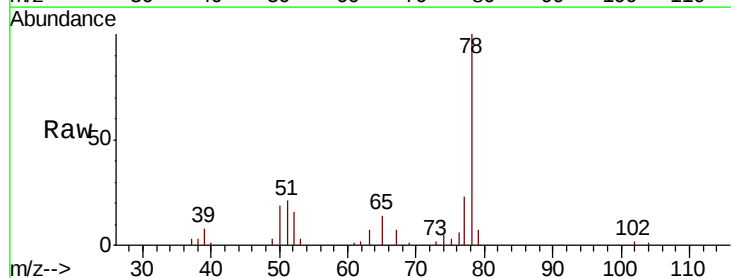


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

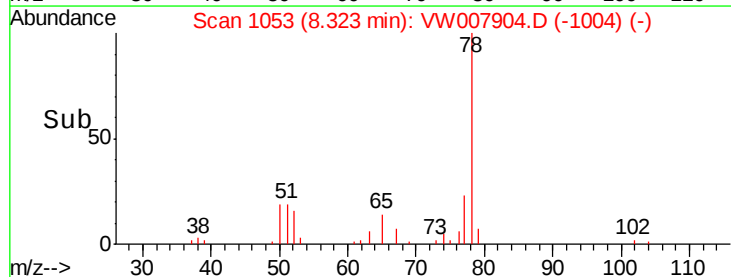
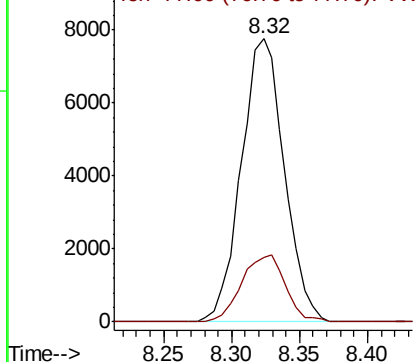


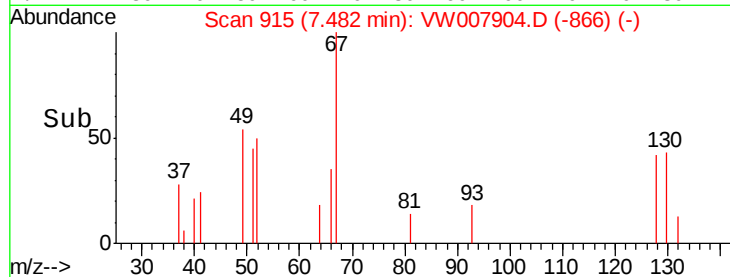
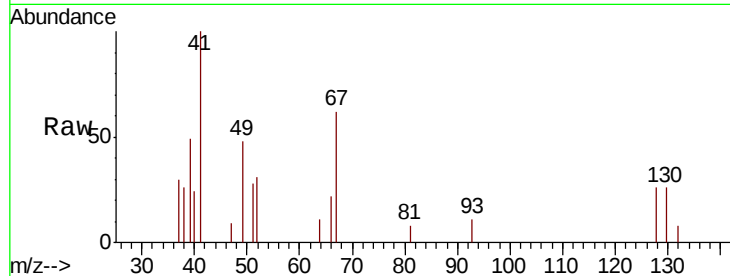
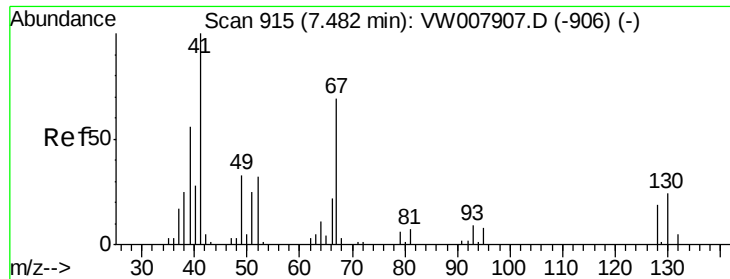
#40
Benzene
Concen: 4.963 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





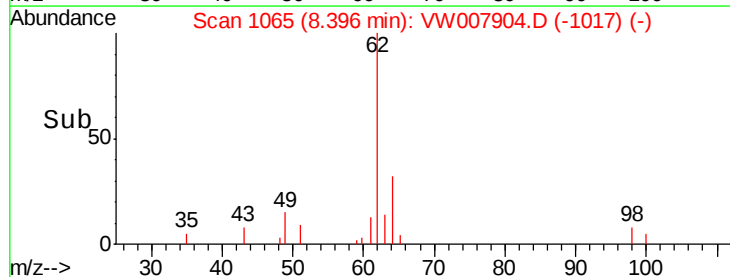
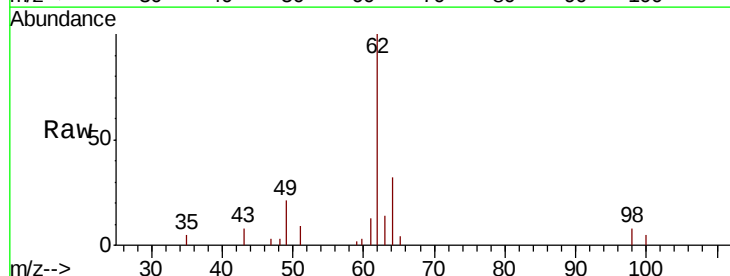
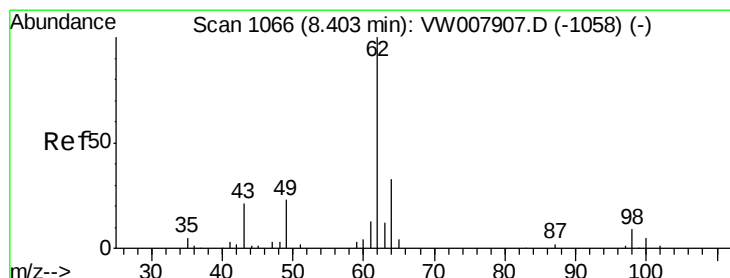
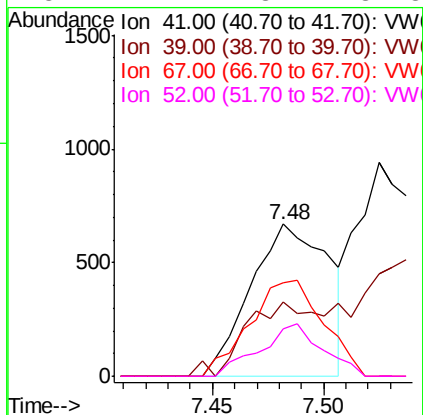
#41
Methacrylonitrile
Concen: 6.103 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tot Ion	Ratio	Lower	Upper
41	100		
39	46.2	45.0	67.4
67	59.6	53.9	80.9
52	27.1	23.2	34.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

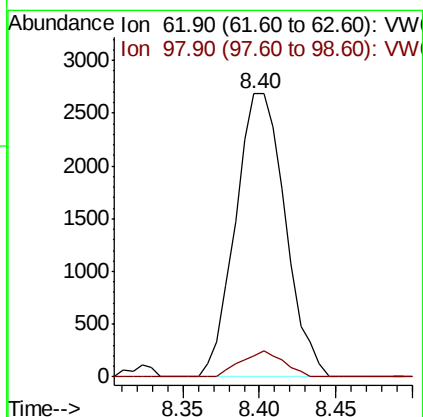
Manual Integrations
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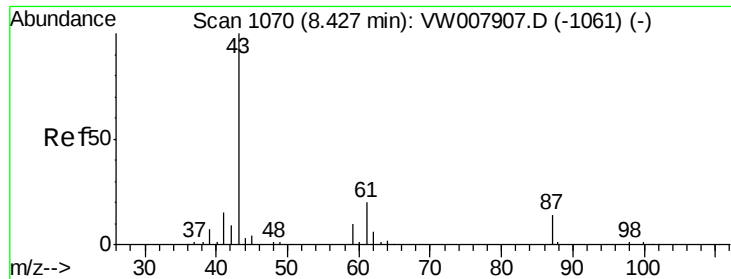
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#42
1,2-Dichloroethane
Concen: 5.236 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0





#43

Isopropyl Acetate

Concen: 5.731 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

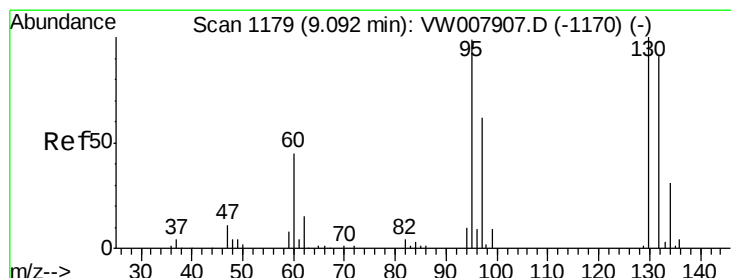
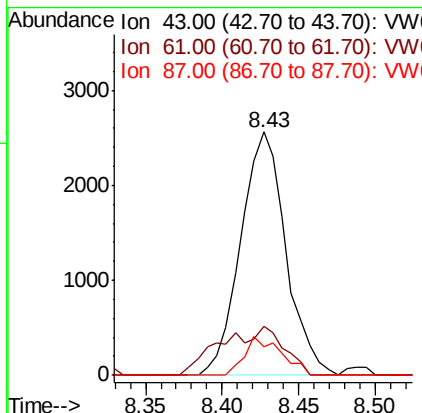
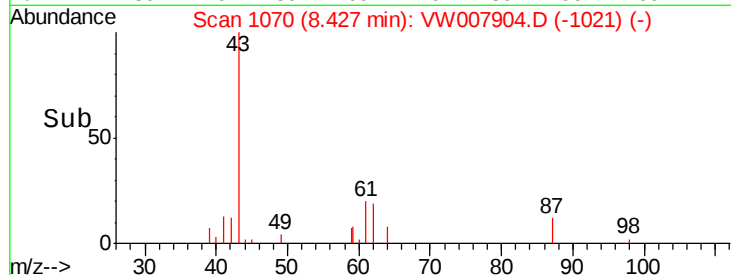
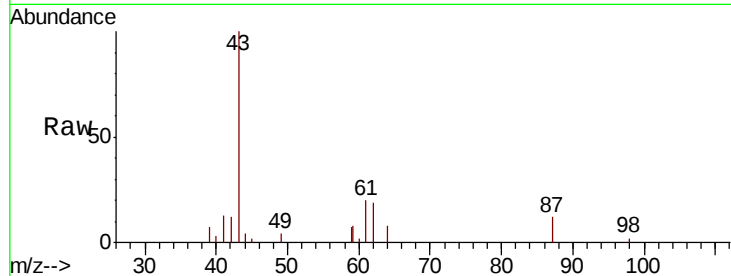
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	5251
Ion	Ratio	Lower	Upper
43	100		
61	28.2	24.2	36.2
87	12.9	11.2	16.8

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#44

Trichloroethene

Concen: 4.654 ug/l

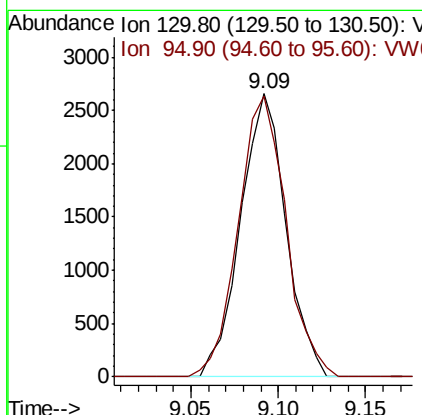
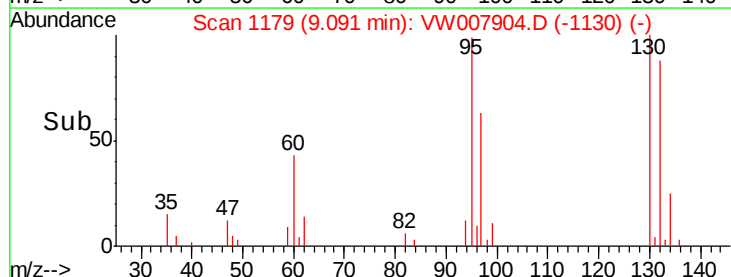
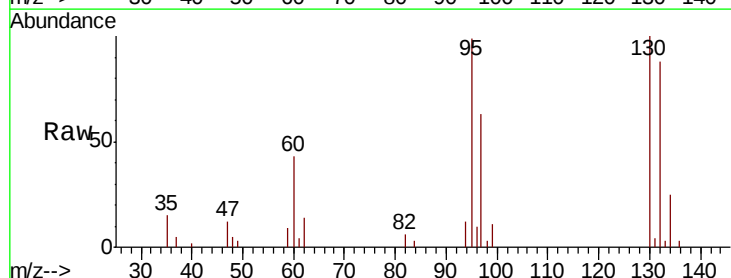
RT: 9.09 min Scan# 1179

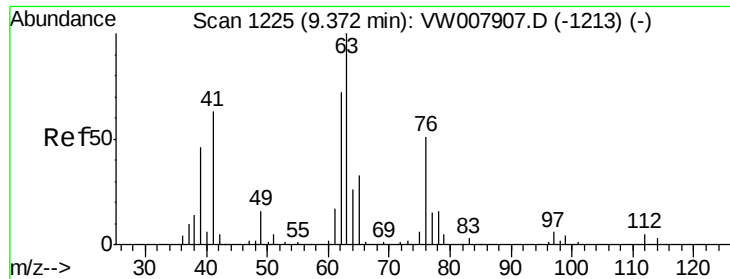
Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion:	130	Resp:	4823
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	197.4





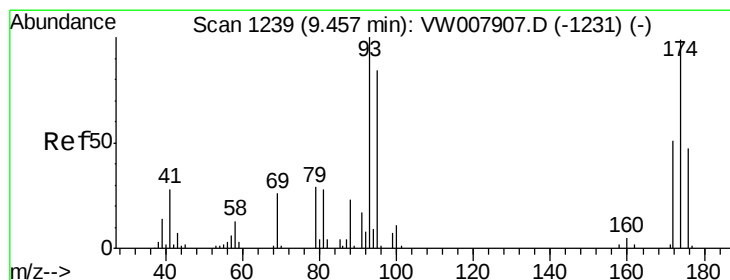
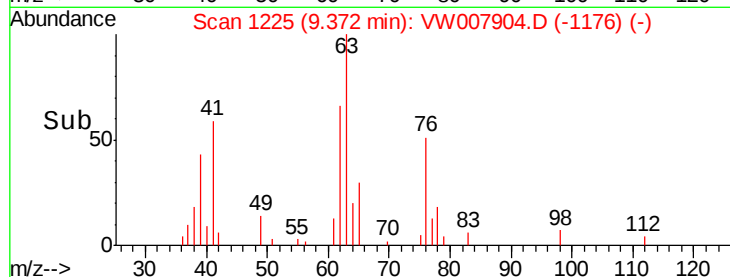
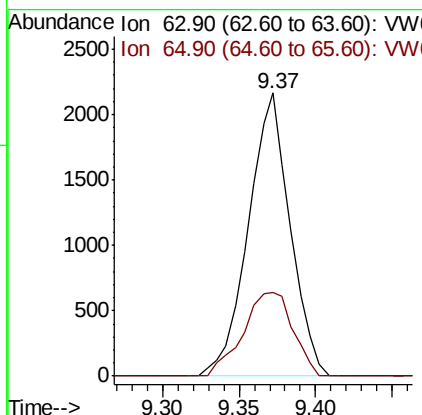
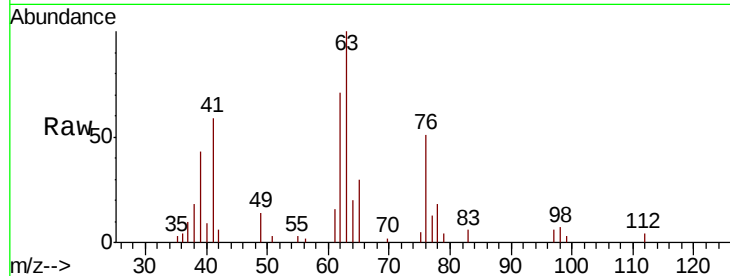
#45
 1,2-Dichloropropane
 Concen: 5.286 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 4103
 Ion Ratio Lower Upper
 63 100
 65 29.7 26.4 39.6

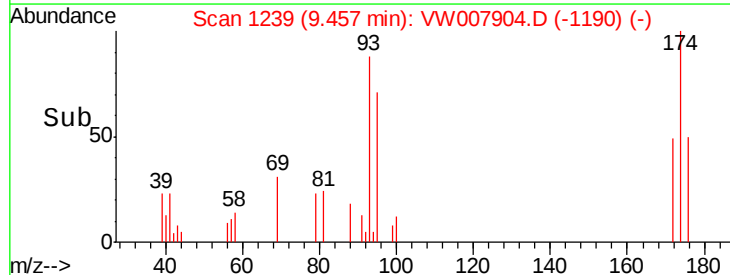
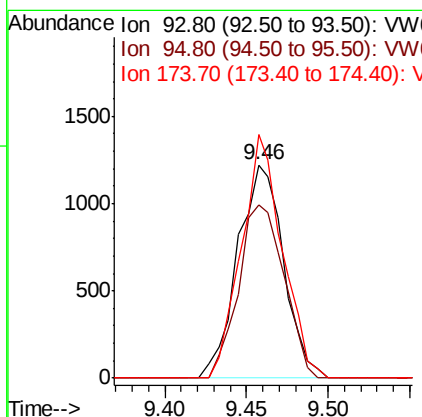
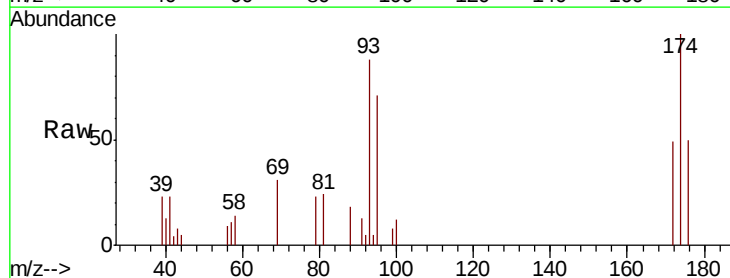
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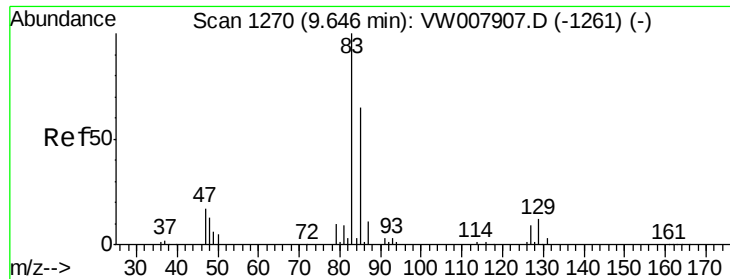
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#46
 Dibromomethane
 Concen: 5.066 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 93 Resp: 2385
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.6 100.0
 174 102.4 81.0 121.4





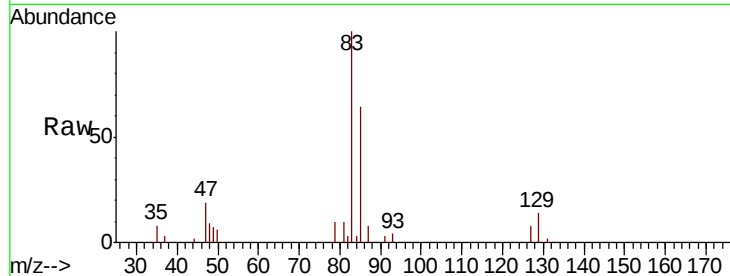
#47
Bromodichloromethane
Concen: 4.613 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

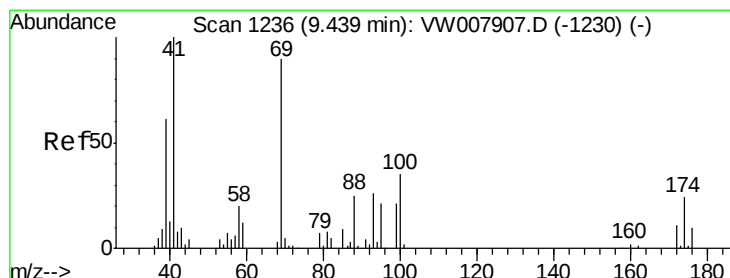
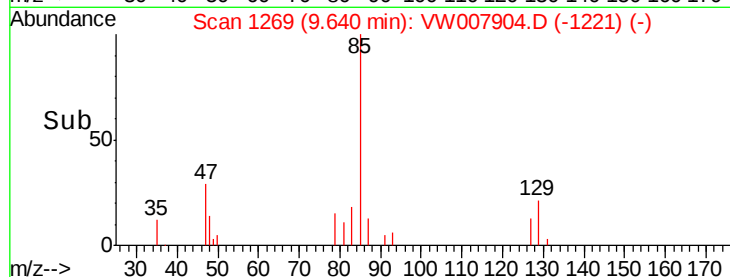
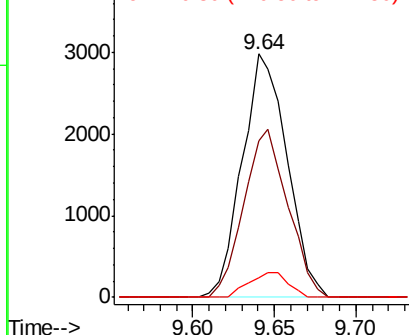
Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4
127	8.2	6.8	10.2

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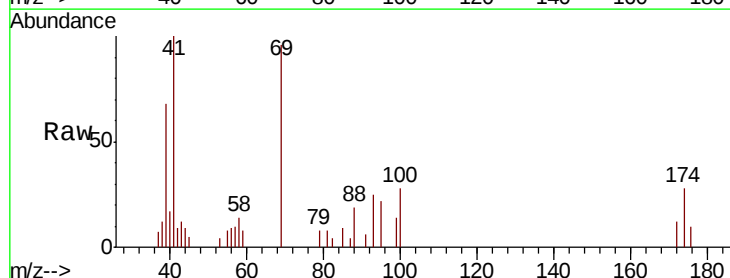


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

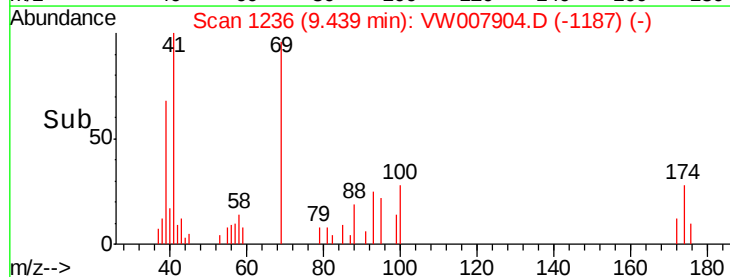
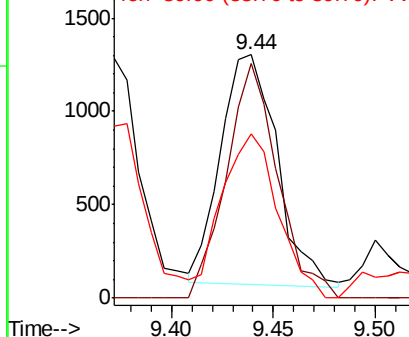


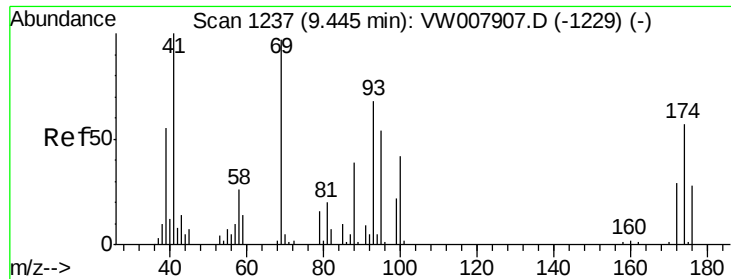
#48
Methyl methacrylate
Concen: 5.161 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.6	70.4	105.6
39	71.7	51.7	77.5



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





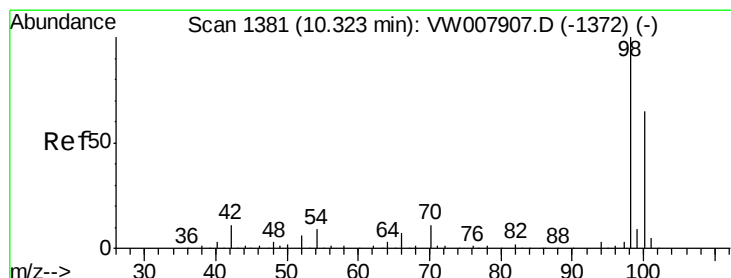
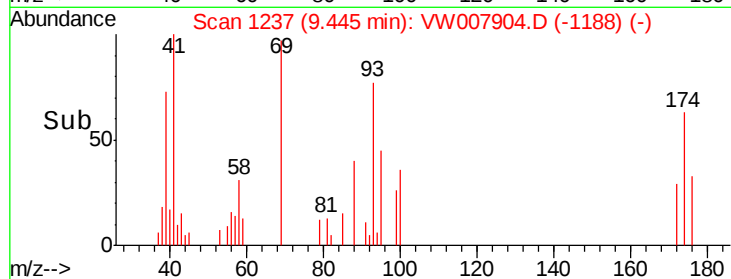
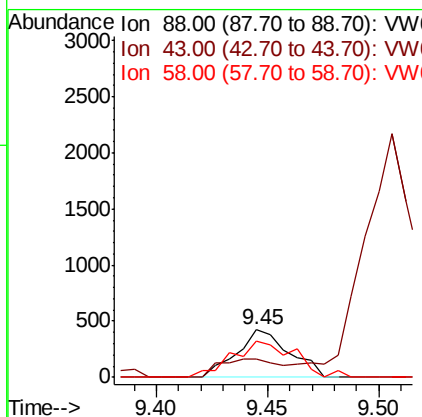
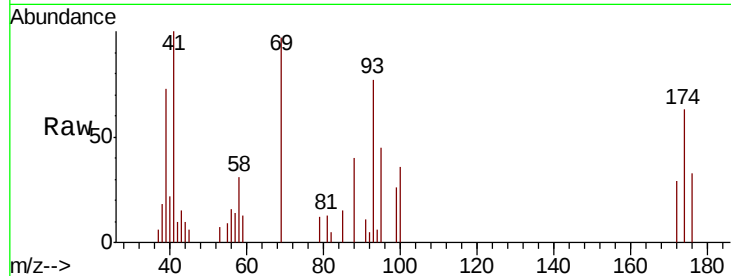
#49
1,4-Dioxane
Concen: 91.829 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.2	30.9	46.3
58	91.0	55.4	83.0

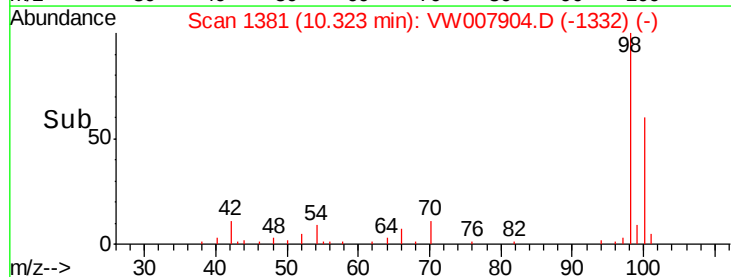
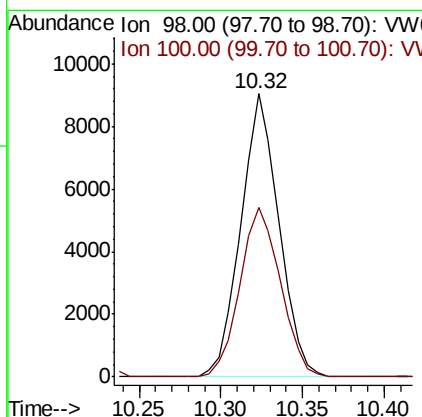
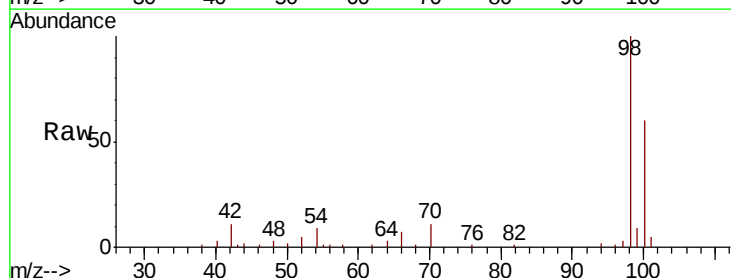
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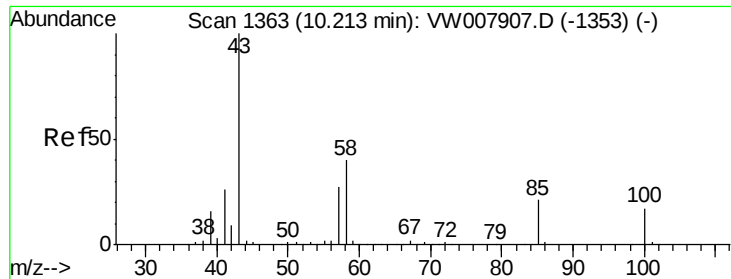
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#50
Toluene-d8
Concen: 4.733 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 28.451 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 12397

Ion Ratio Lower Upper

43 100

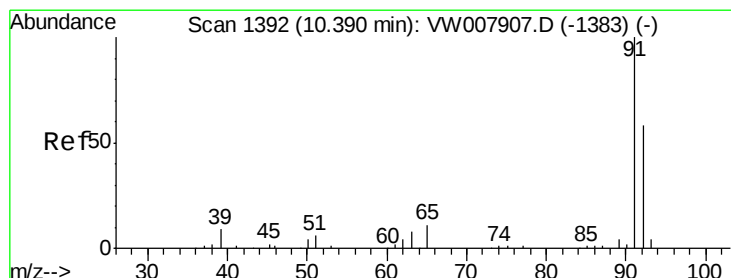
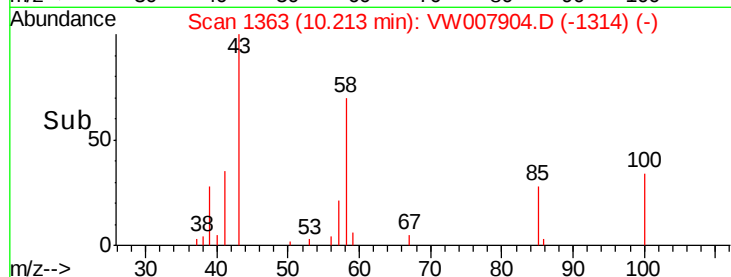
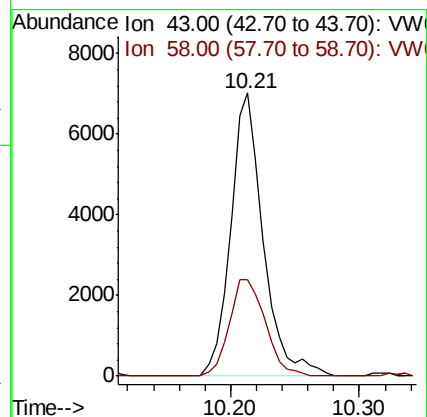
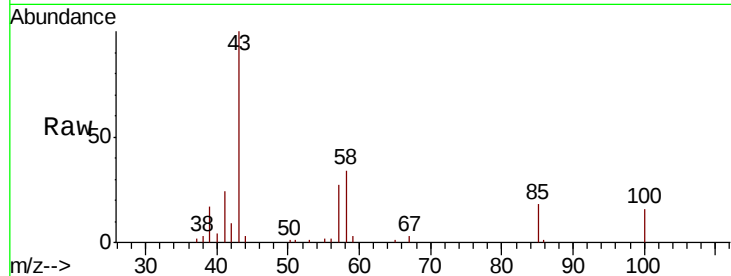
58 37.7 31.6 47.4

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#52

Toluene

Concen: 5.277 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007904.D

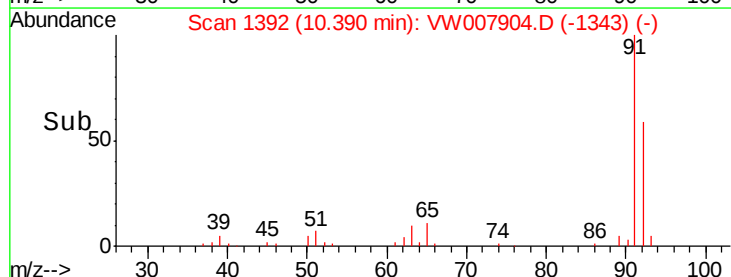
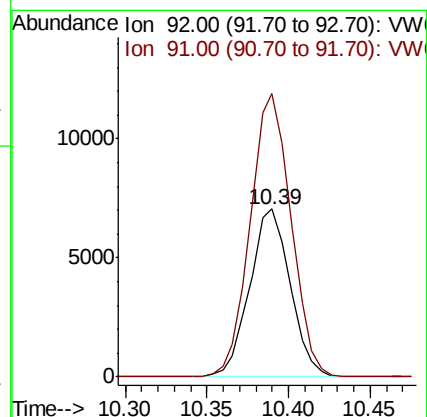
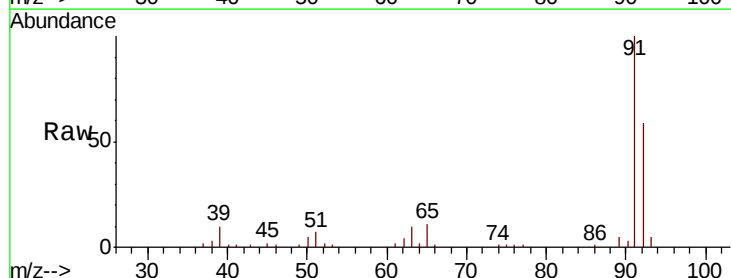
Acq: 24 Dec 2018 23:12

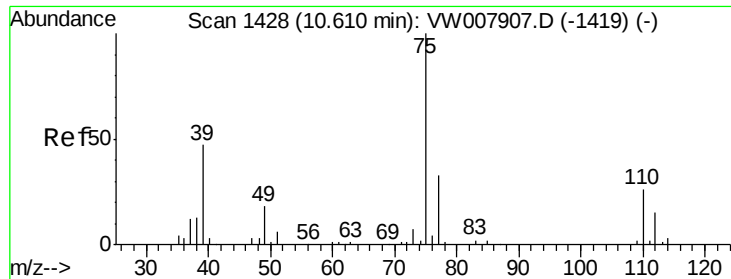
Tgt Ion: 92 Resp: 12231

Ion Ratio Lower Upper

92 100

91 169.3 138.0 207.0





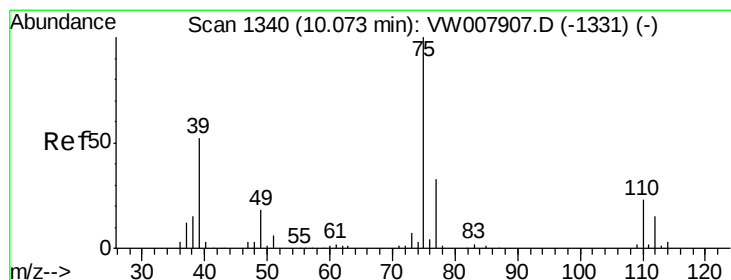
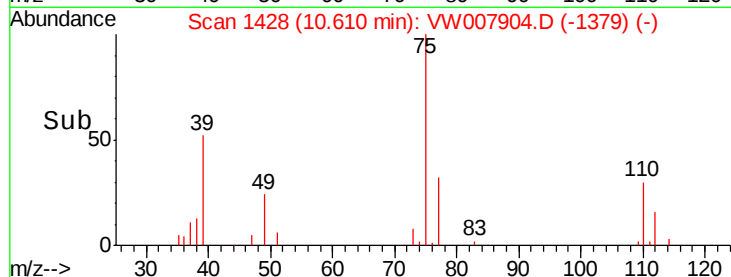
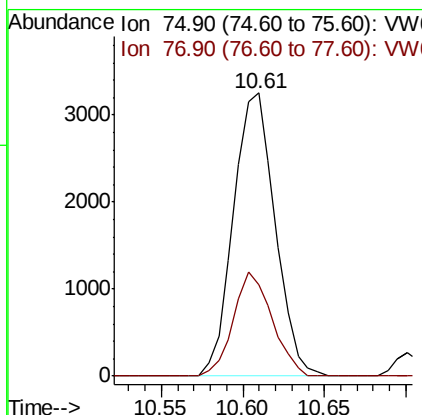
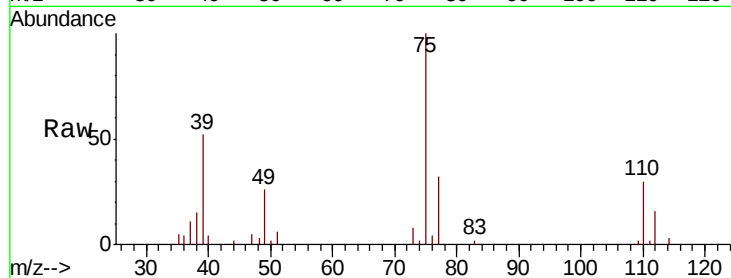
#53
t-1,3-Dichloropropene
Concen: 4.683 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 5796
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6

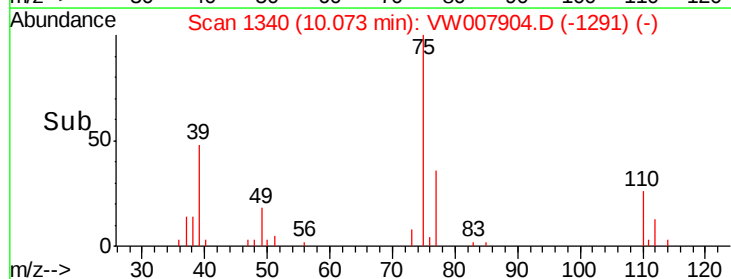
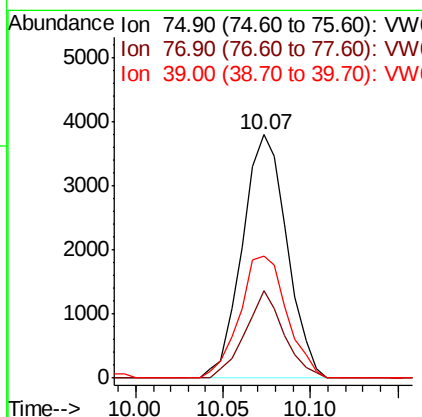
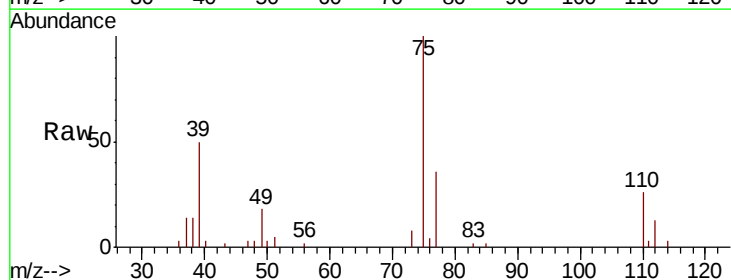
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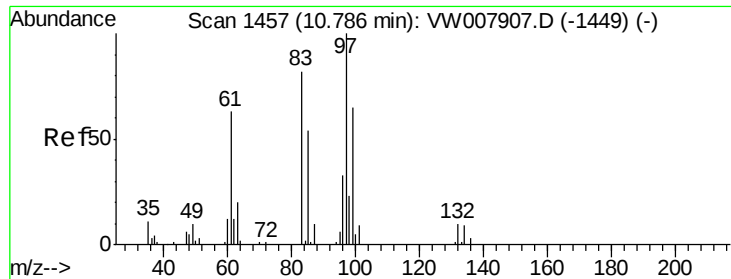
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#54
cis-1,3-Dichloropropene
Concen: 4.967 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 75 Resp: 6791
Ion Ratio Lower Upper
75 100
77 35.9 26.2 39.2
39 50.1 41.8 62.6





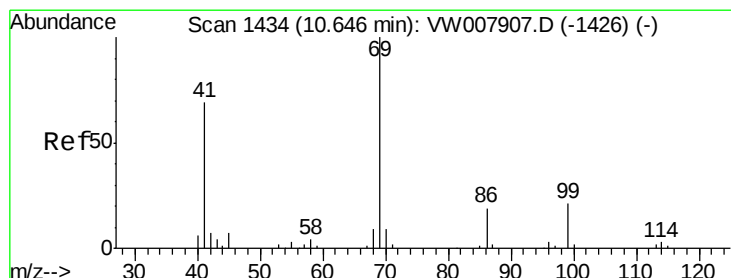
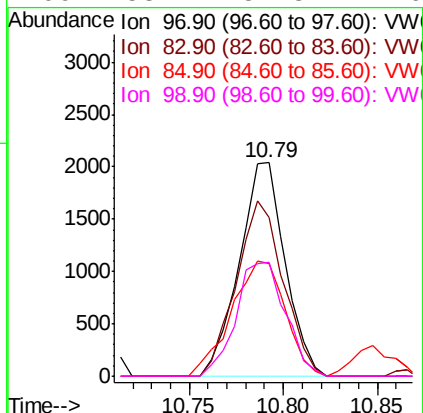
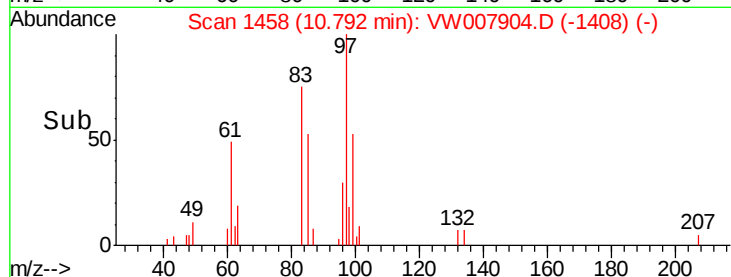
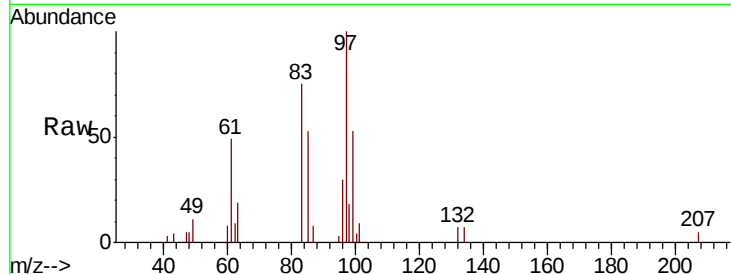
#55
 1,1,2-Trichloroethane
 Concen: 5.263 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	3451
Ion	Ratio	Lower	Upper
97	100		
83	74.5	65.8	98.6
85	52.6	43.5	65.3
99	53.1	51.8	77.6

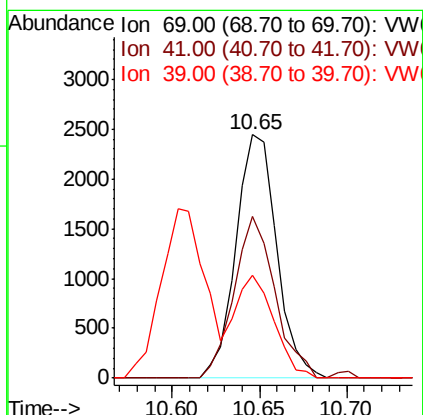
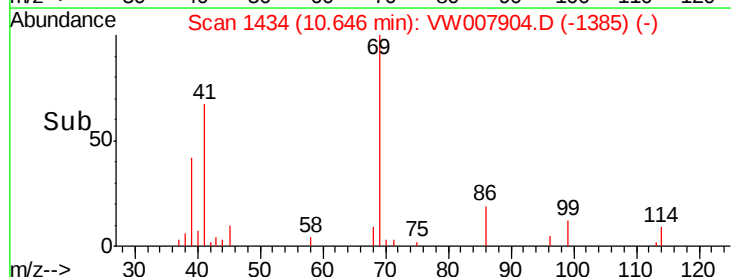
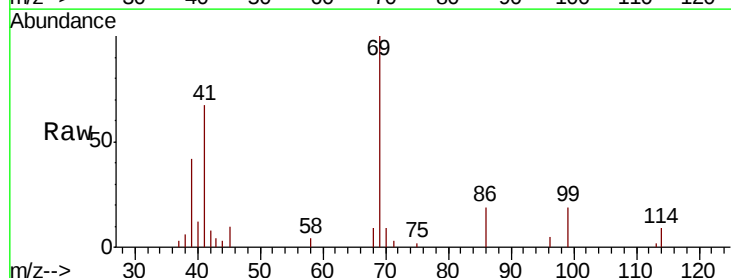
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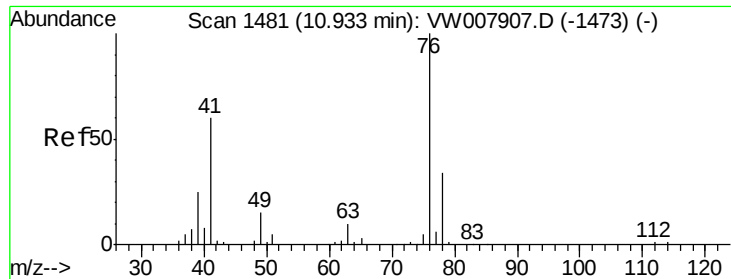
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#56
 Ethyl methacrylate
 Concen: 5.120 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion:	69	Resp:	3979
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.0	81.0
39	40.6	31.1	46.7





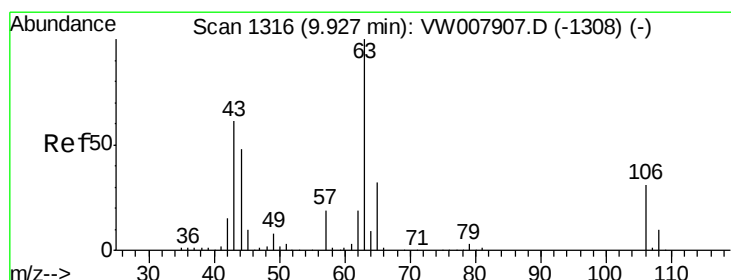
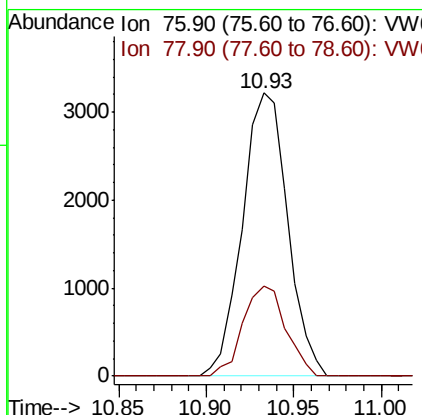
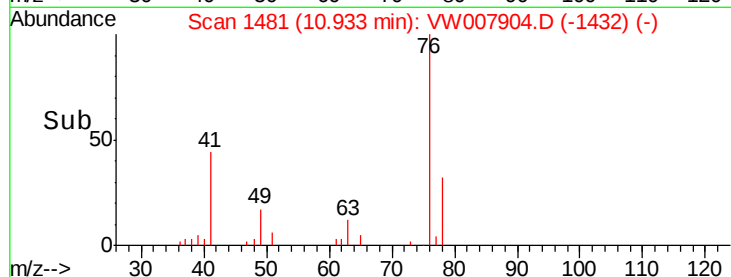
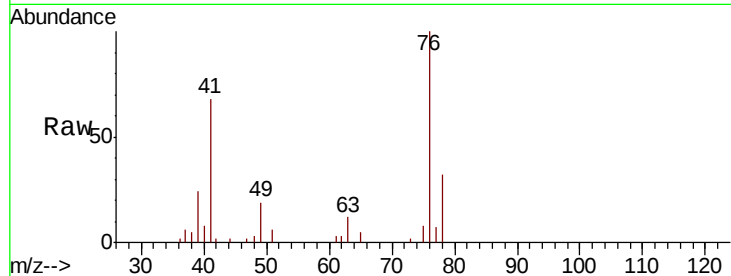
#57
 1,3-Dichloropropane
 Concen: 5.333 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion: 76 Resp: 5832
 Ion Ratio Lower Upper
 76 100
 78 30.1 25.5 38.3

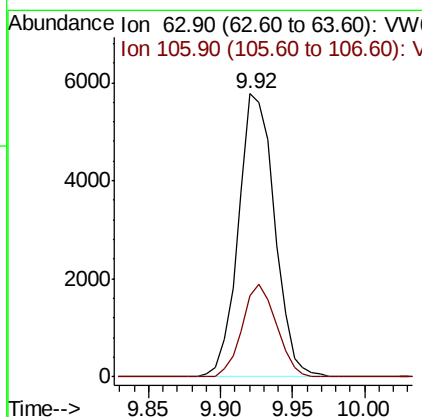
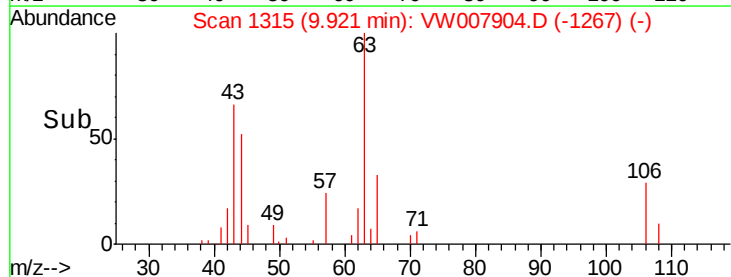
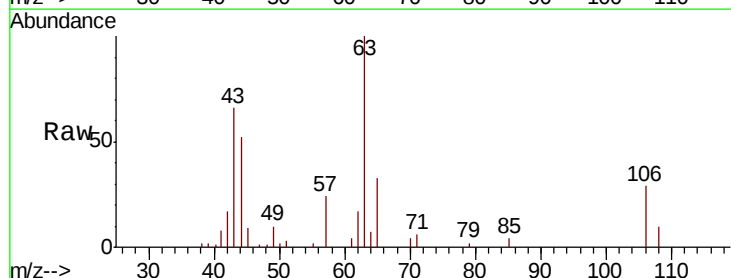
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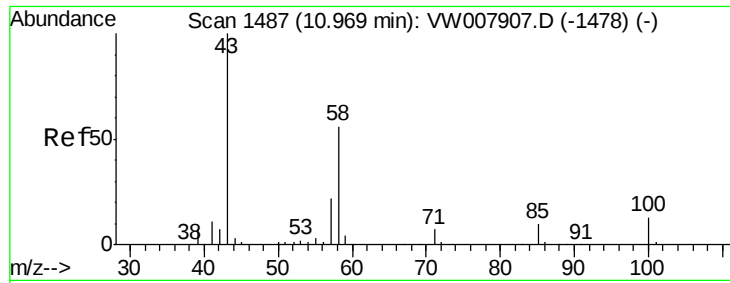
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#58
 2-Chloroethyl Vinyl ether
 Concen: 28.122 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 63 Resp: 10057
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.8 37.2





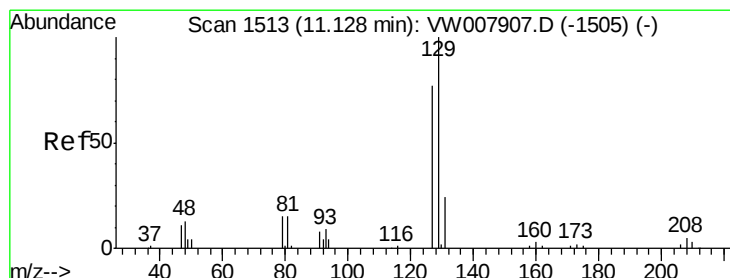
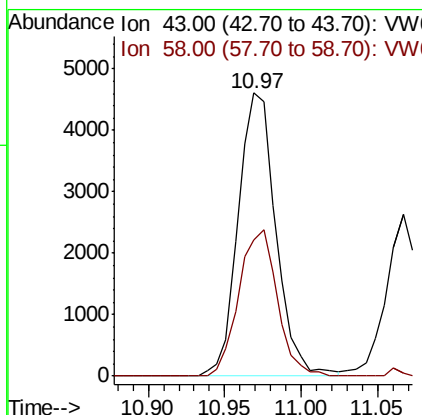
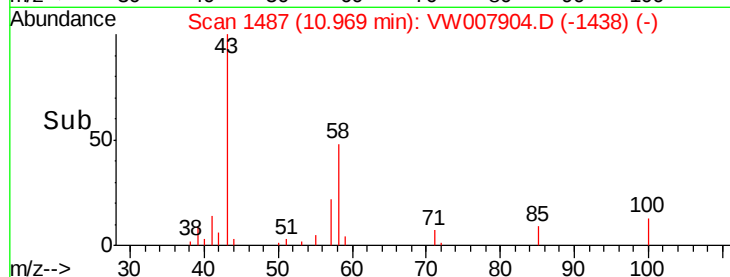
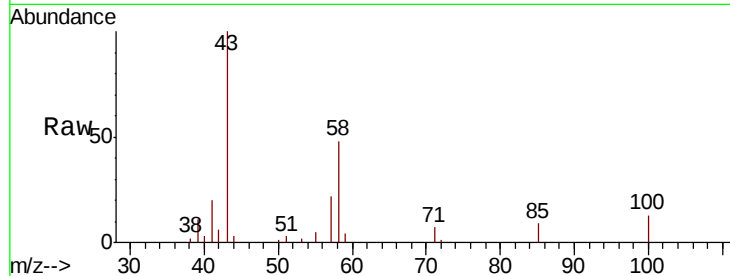
#59
2-Hexanone
Concen: 25.888 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 7901
Ion Ratio Lower Upper
43 100
58 52.7 27.4 82.0

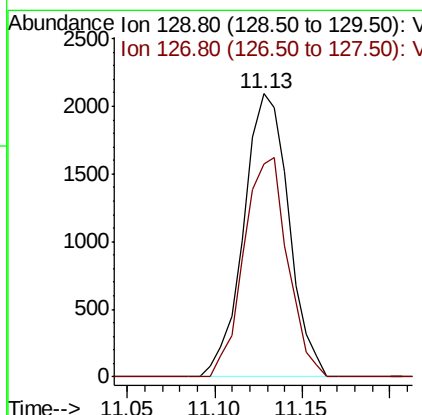
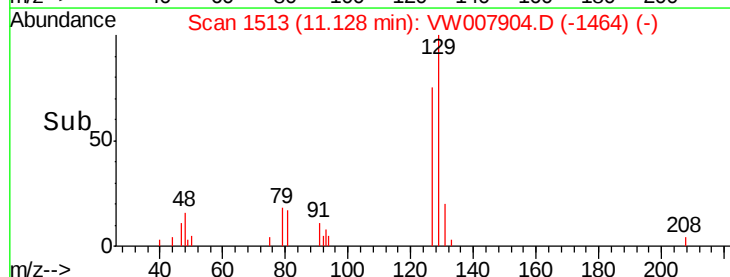
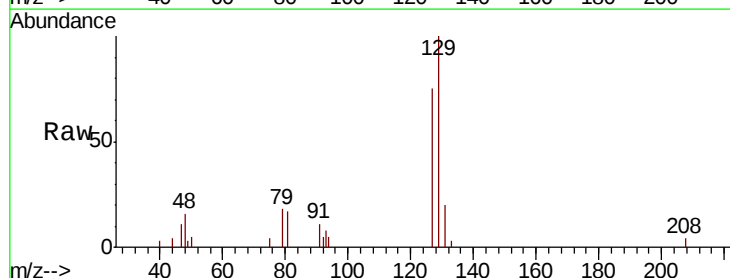
Manual Integrations
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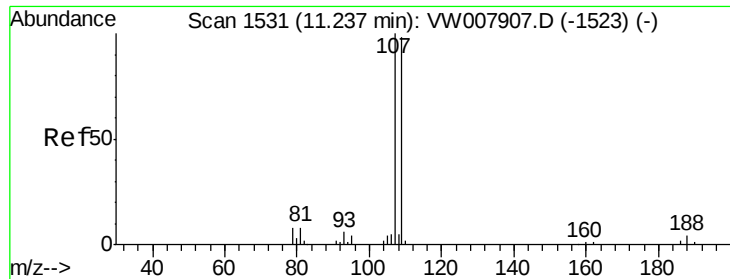
apatel
12/27/2018 11:17:05 AM



#60
Dibromochloromethane
Concen: 4.396 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:129 Resp: 3753
Ion Ratio Lower Upper
129 100
127 75.0 38.0 113.9





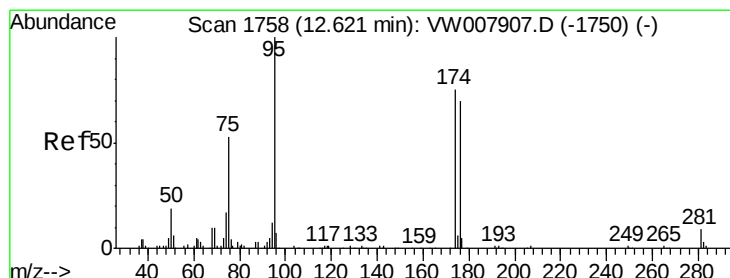
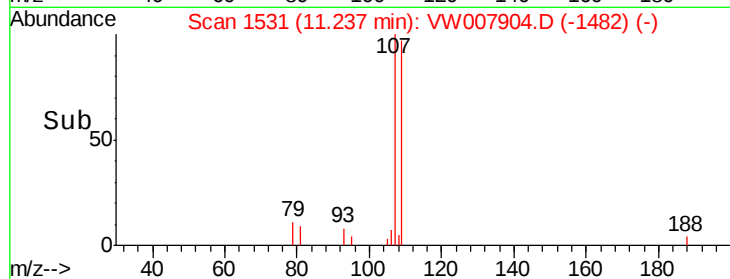
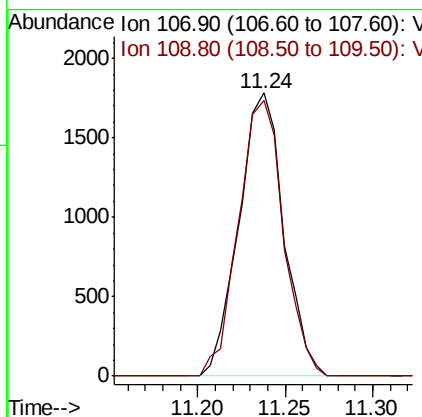
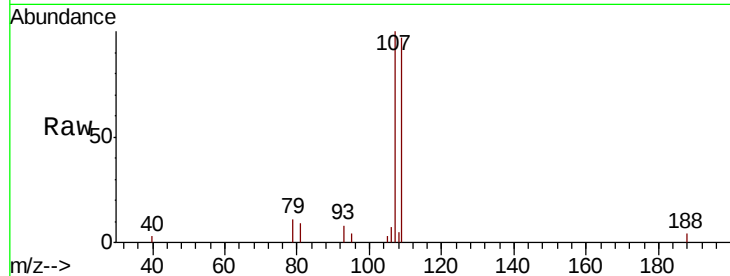
#61
 1,2-Dibromoethane
 Concen: 4.800 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.6	76.4	114.6

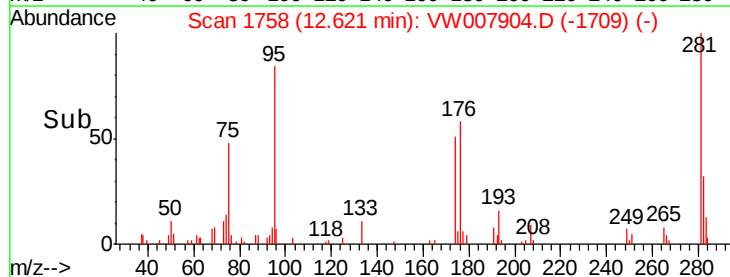
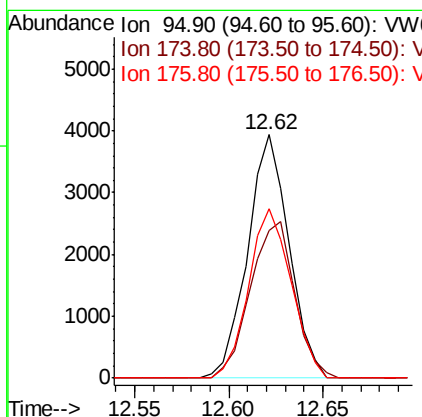
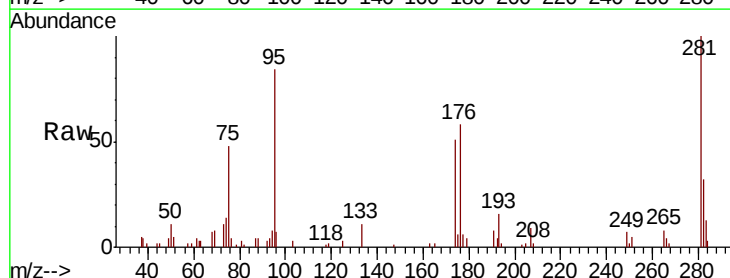
Manual Integrations
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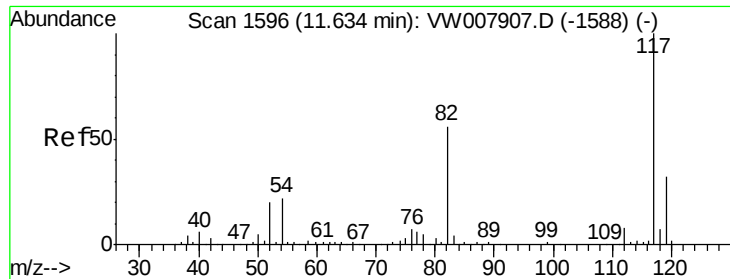
apatel
 12/27/2018 11:17:05 AM



#62
 4-Bromofluorobenzene
 Concen: 4.984 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	145.4
176	71.5	0.0	140.2





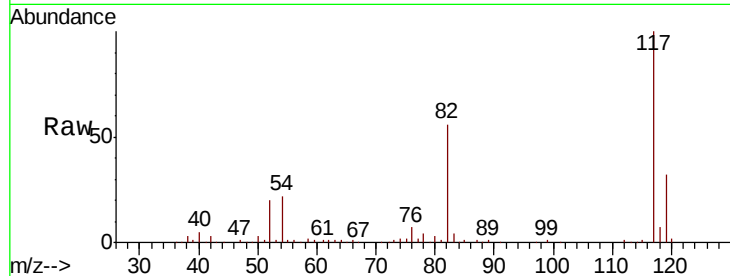
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.1	67.7
119	32.1	25.8	38.8

Manual Integrations
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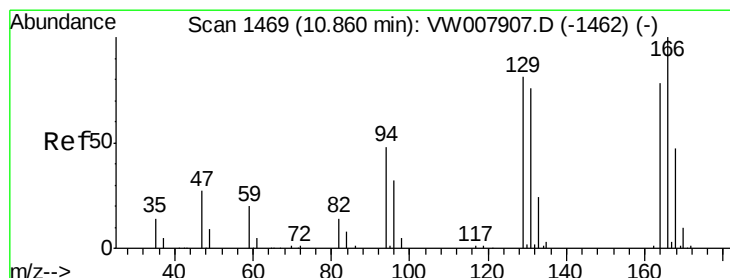
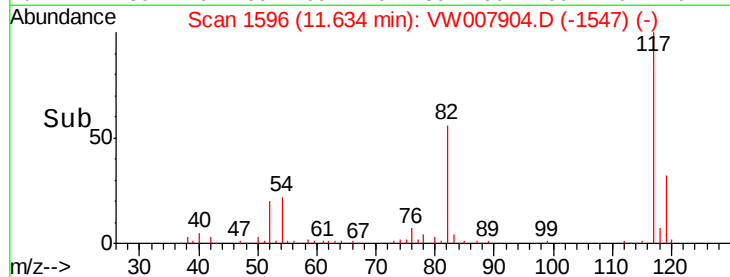
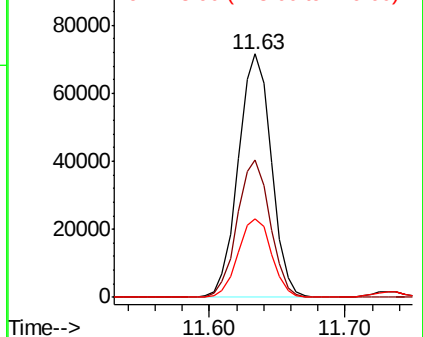


Abundance

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: 4.760 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.7	102.1	153.1
129	101.7	82.3	123.5
131	101.4	77.6	116.4

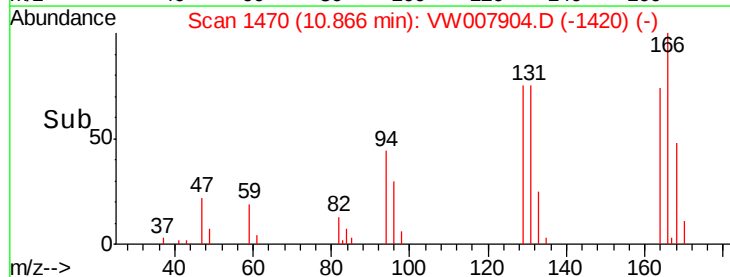
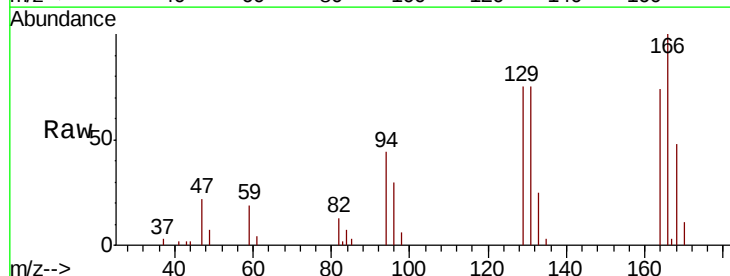
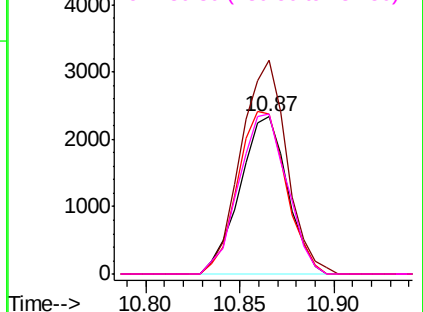
Abundance

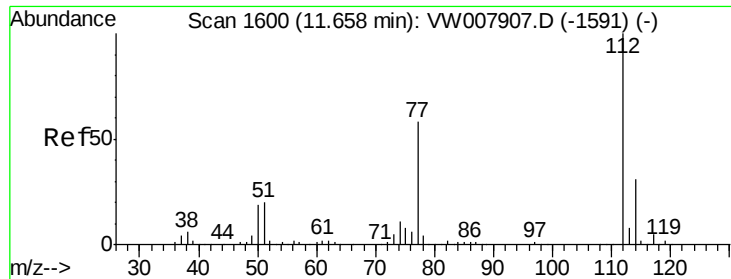
Ion 163.80 (163.50 to 164.50): V

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





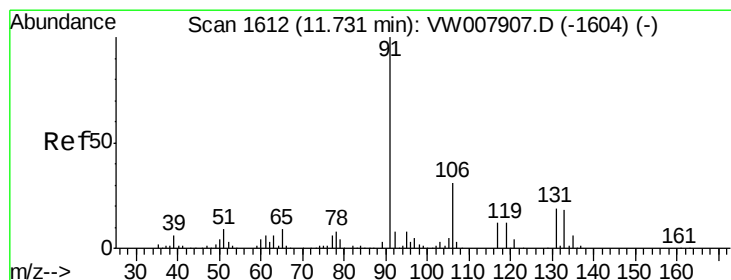
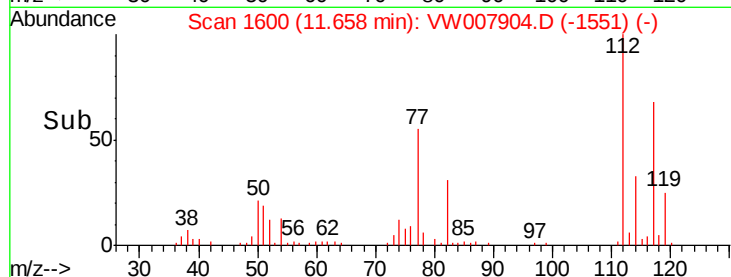
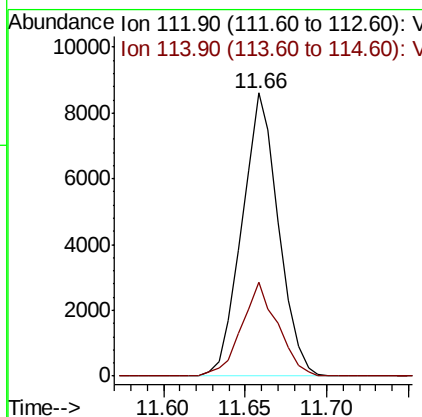
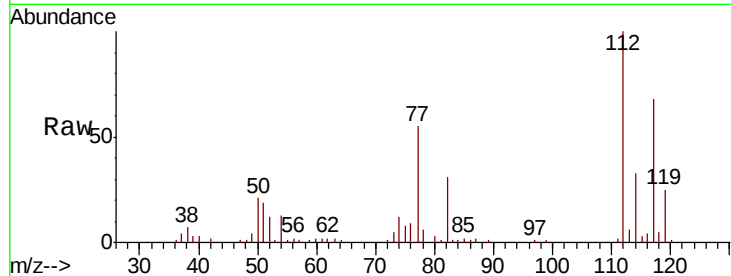
#65
Chlorobenzene
Concen: 5.093 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 13411
Ion Ratio Lower Upper
112 100
114 33.1 25.1 37.7

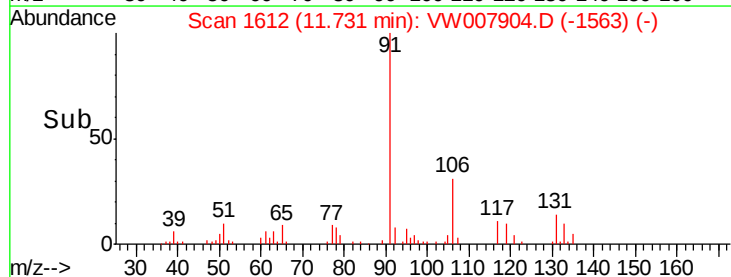
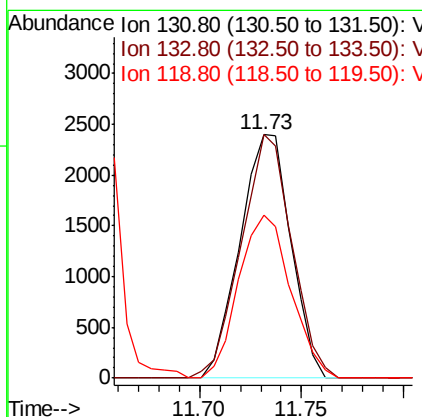
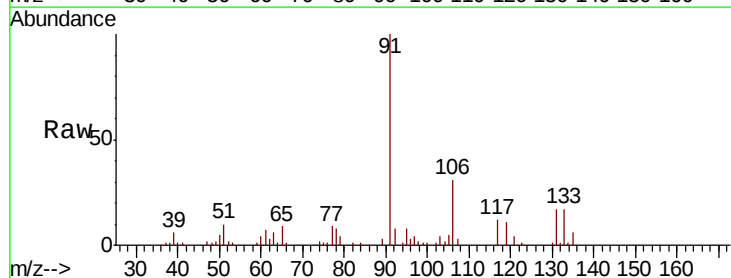
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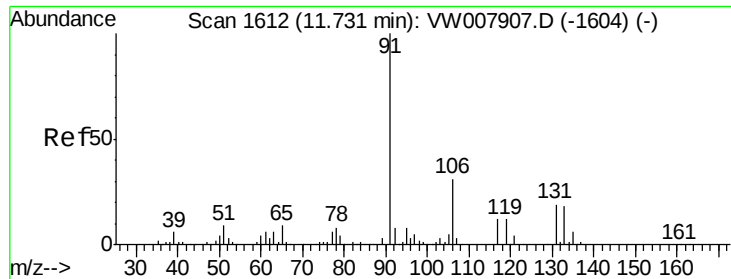
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.444 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:131 Resp: 4156
Ion Ratio Lower Upper
131 100
133 99.8 48.4 145.3
119 68.5 31.6 95.0





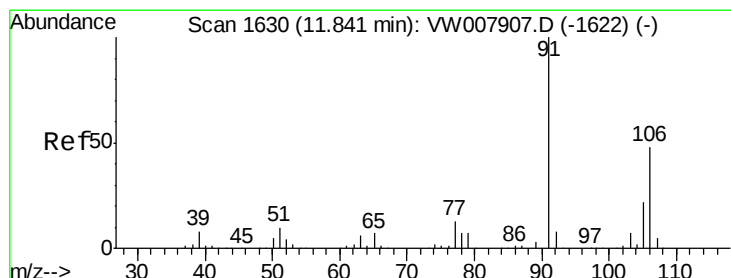
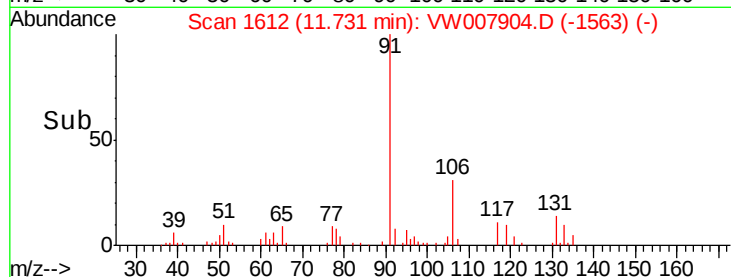
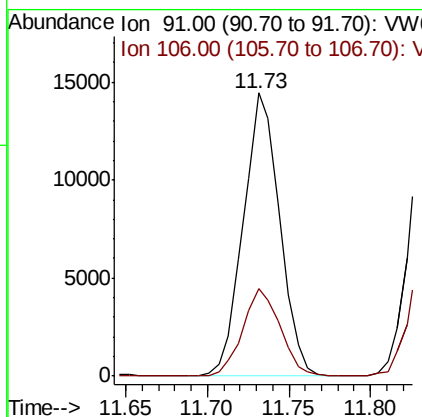
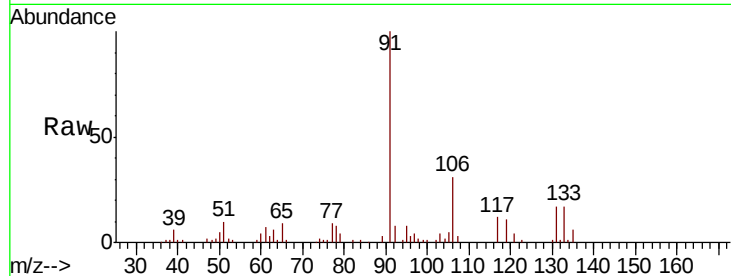
#67
Ethyl Benzene
Concen: 4.960 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 22478
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

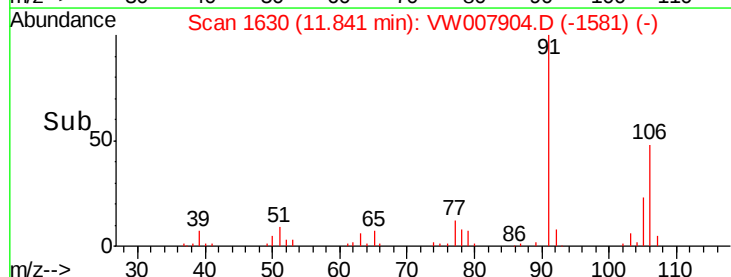
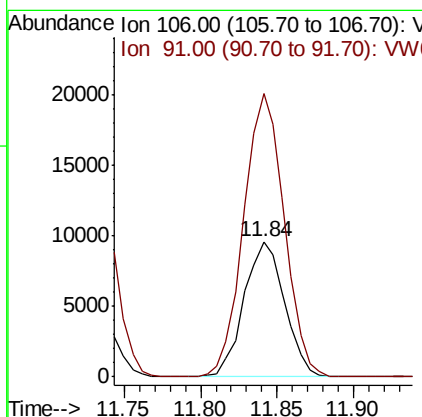
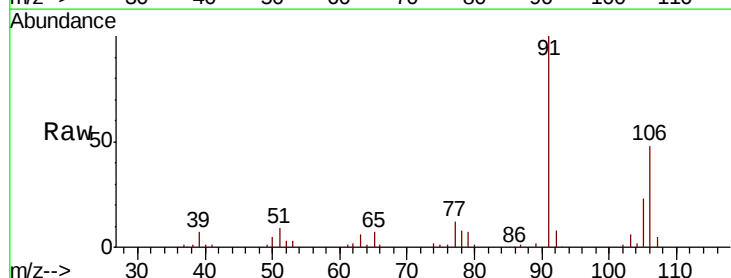
Manual Integrations
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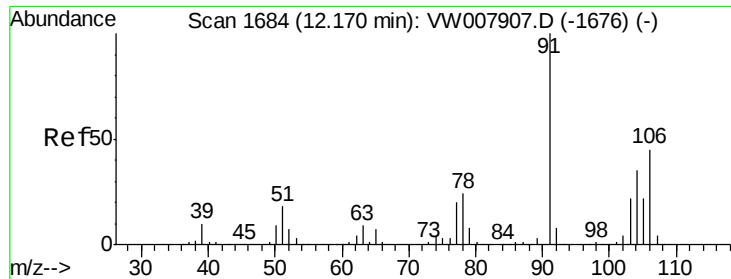
apatel
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#68
m/p-Xylenes
Concen: 10.104 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:106 Resp: 17690
Ion Ratio Lower Upper
106 100
91 209.2 166.6 249.8





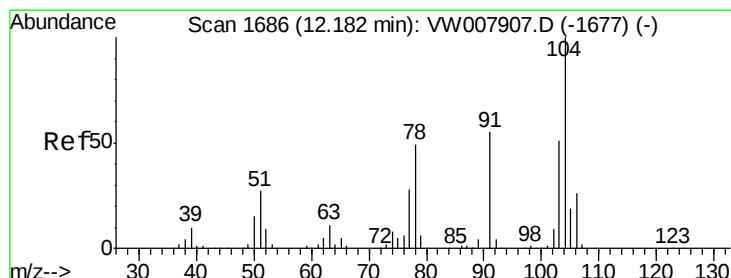
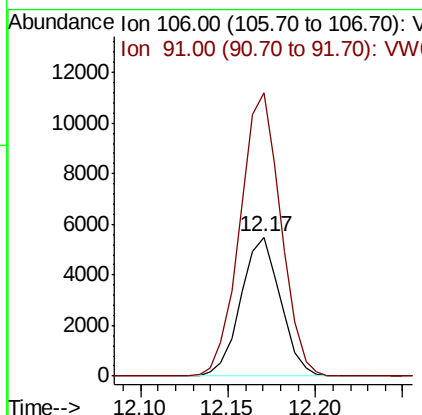
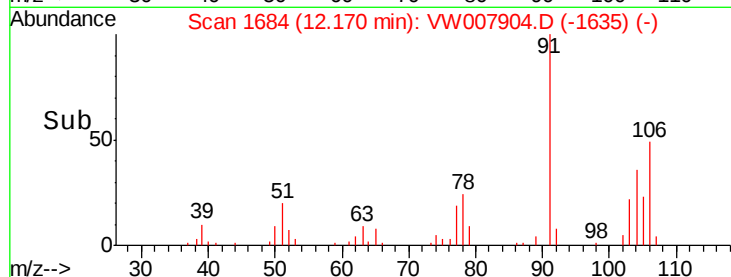
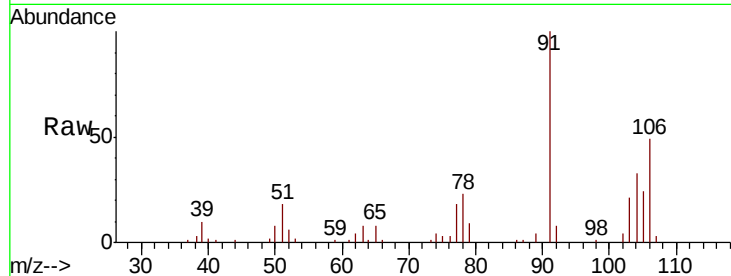
#69
o-Xylene
Concen: 5.299 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleID :
VSTDIC005

Tot Ion:106 Resp: 8715
Ion Ratio Lower Upper
106 100
91 208.5 110.3 331.0

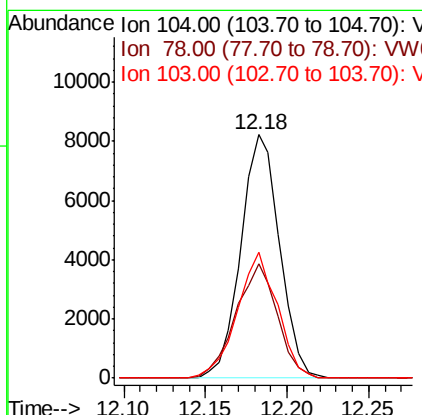
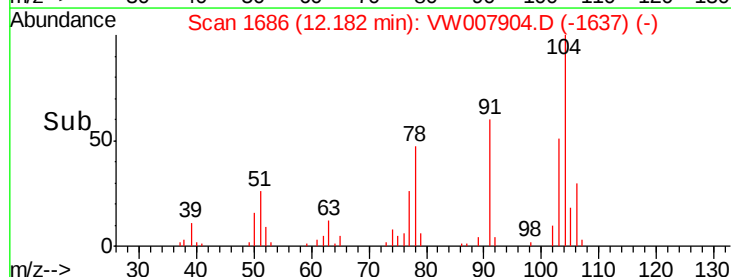
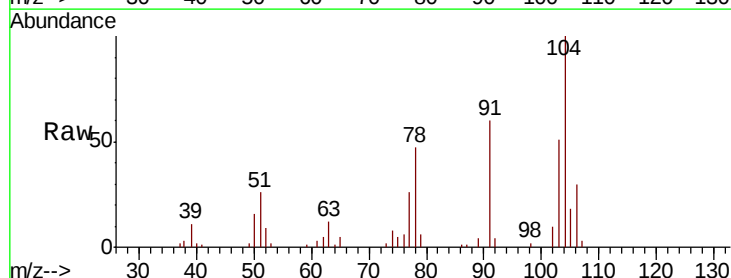
Manual Integrations
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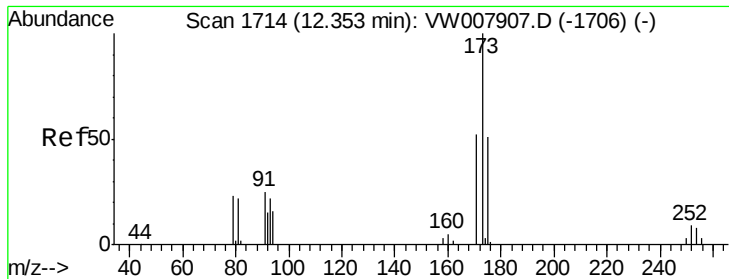
apatel
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#70
Styrene
Concen: 5.020 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:104 Resp: 13583
Ion Ratio Lower Upper
104 100
78 50.3 43.1 64.7
103 53.0 44.1 66.1





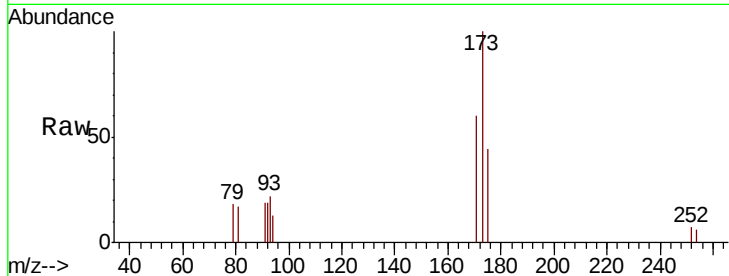
#71
Bromoform
Concen: 4.032 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	44.2	24.9	74.7
254	0.0	0.0	0.0

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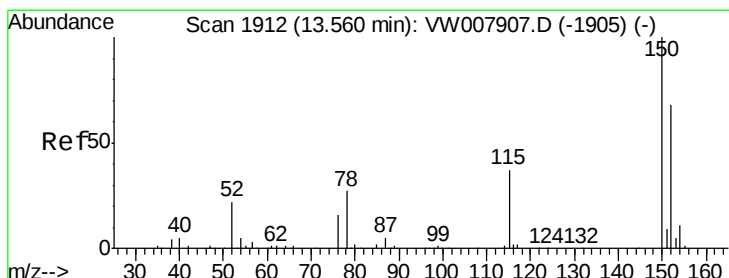
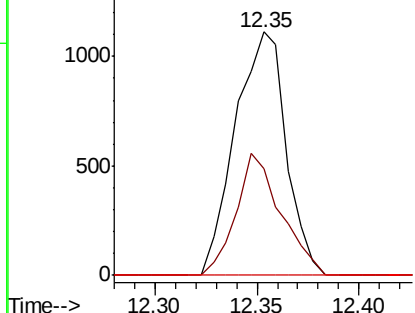
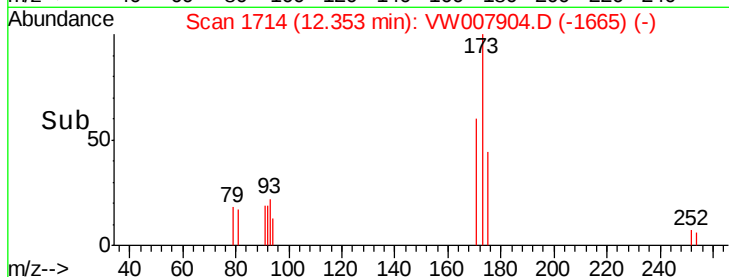


Abundance

Ion 172.70 (172.40 to 173.40): V

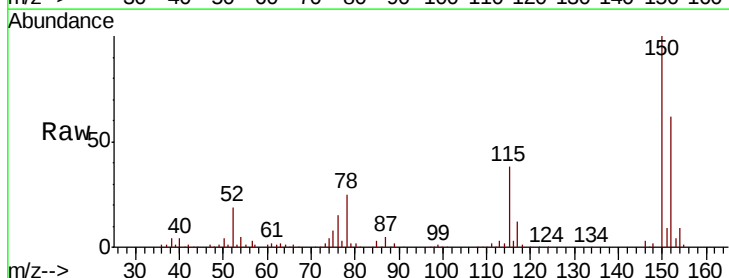
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.9	95.9
150	161.8	0.0	349.4

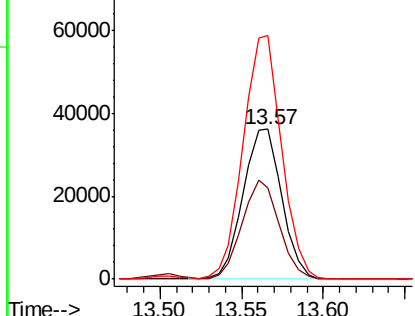
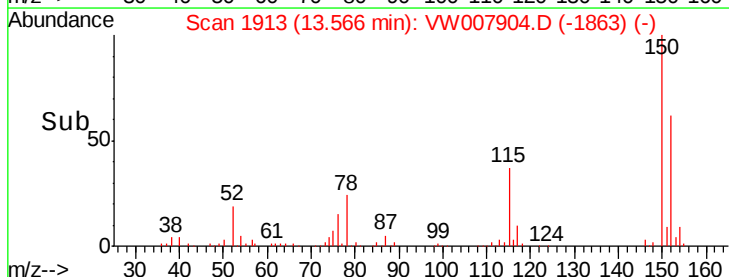


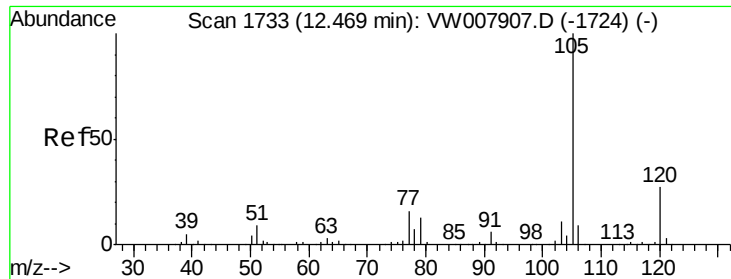
Abundance

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





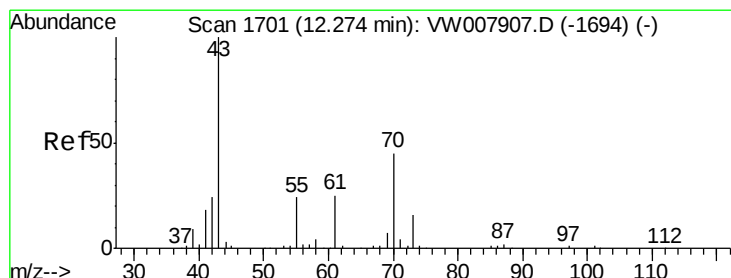
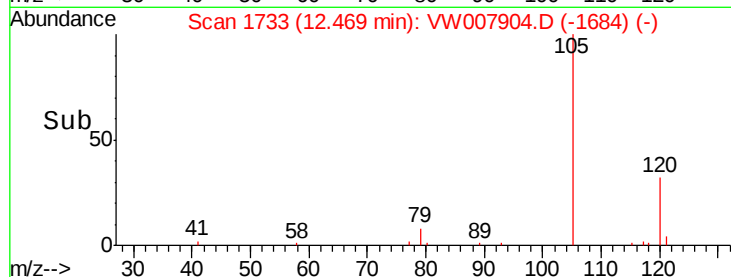
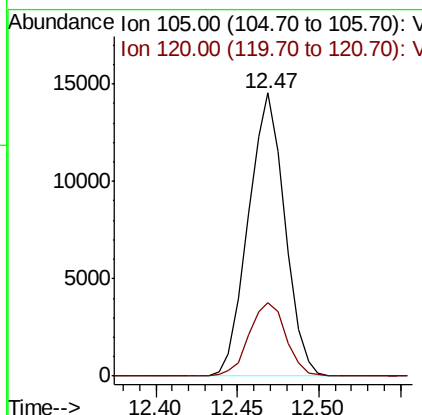
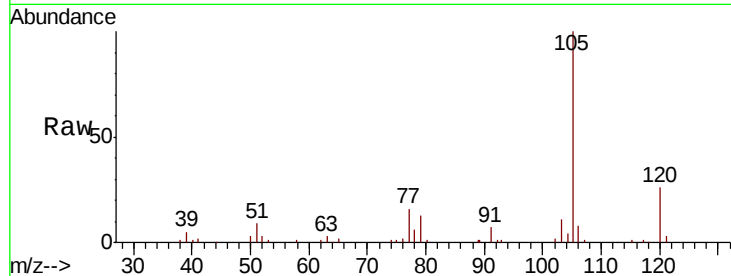
#73
Isopropylbenzene
Concen: 4.975 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 105 Resp: 22605
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

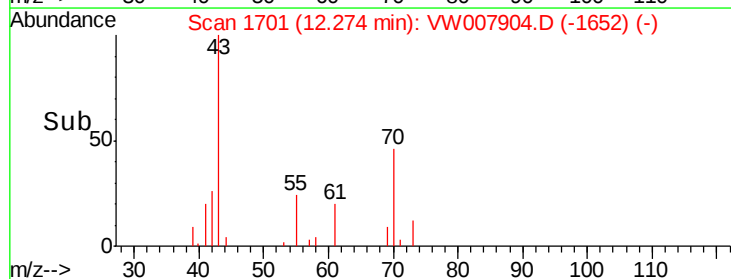
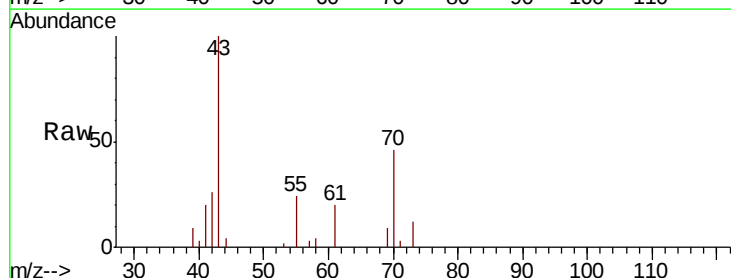
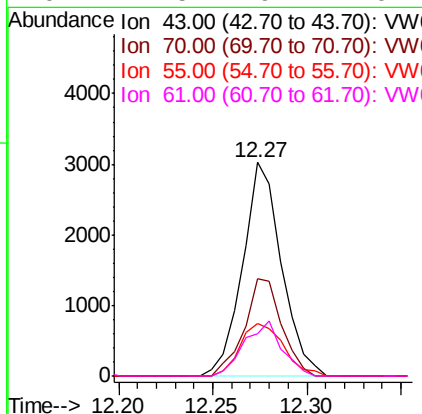
Manual Integrations
APPROVED

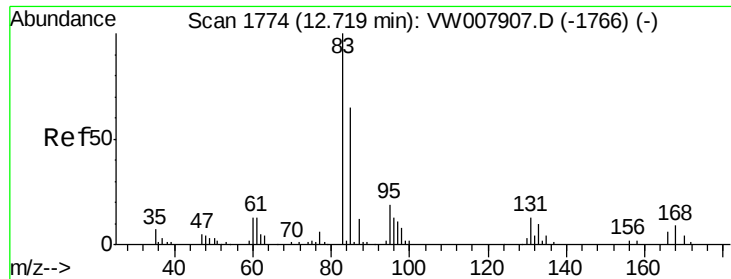
apatel
12/27/2018 11:17:05 AM



#74
N-ethyl acetate
Concen: 5.321 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 43 Resp: 4322
Ion Ratio Lower Upper
43 100
70 43.6 35.4 53.0
55 27.3 19.3 28.9
61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.425 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

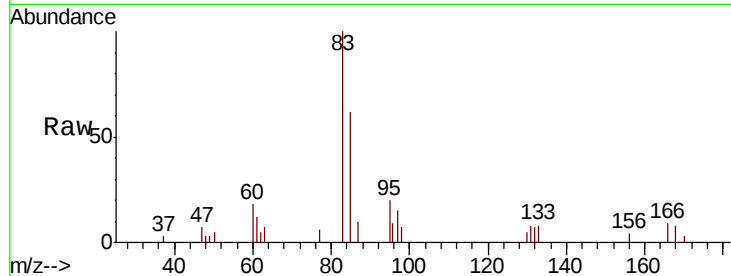
ClientSampleId :

VSTDIC005

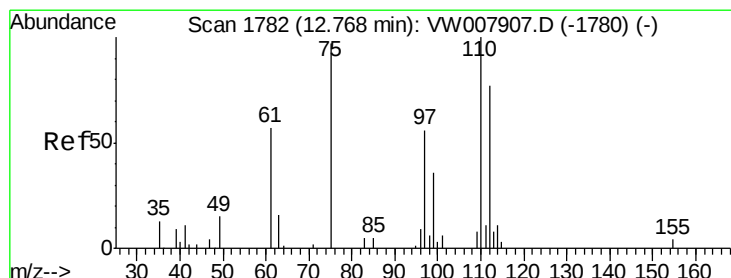
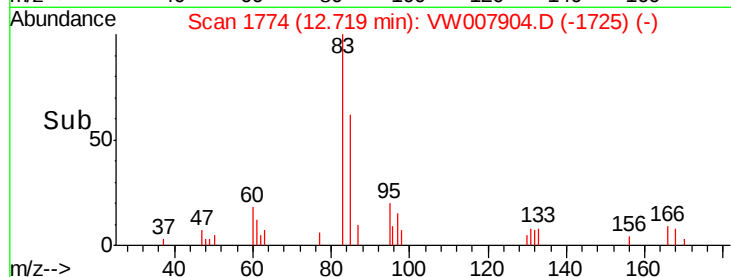
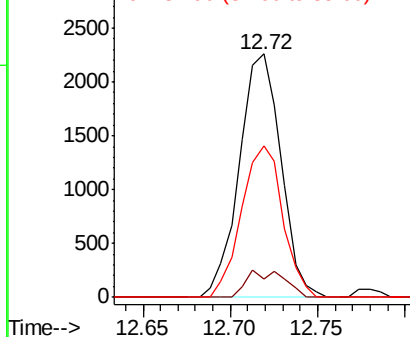
Tot Ion:	83	Resp:	3745
Ion	Ratio	Lower	Upper
83	100		
131	9.9	6.2	18.4
85	61.4	32.1	96.3

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 7.414 ug/l m

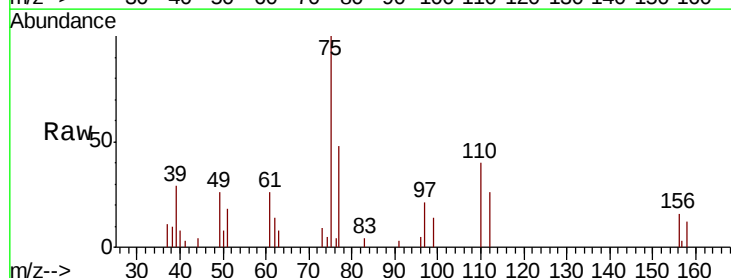
RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

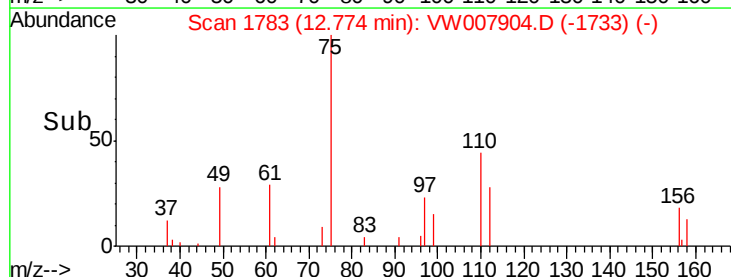
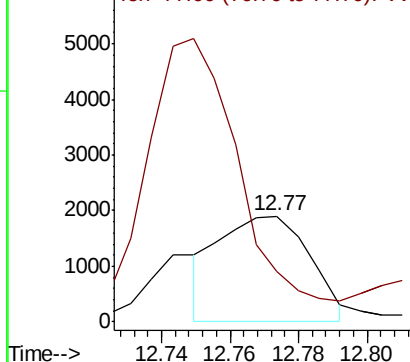
Lab File: VW007904.D

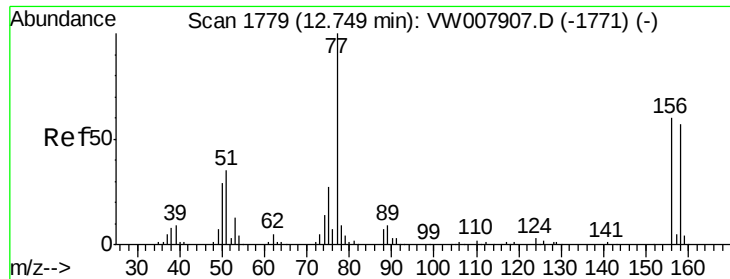
Acq: 24 Dec 2018 23:12

Tgt Ion:	75	Resp:	3516
Ion	Ratio	Lower	Upper
75	100		
77	70.6	165.9	497.7#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.954 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

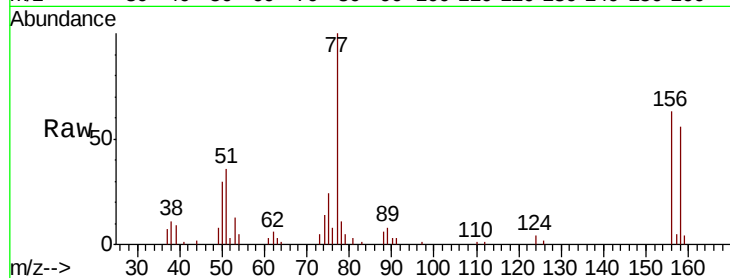
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.3	94.0	282.0
158	95.1	48.6	145.8

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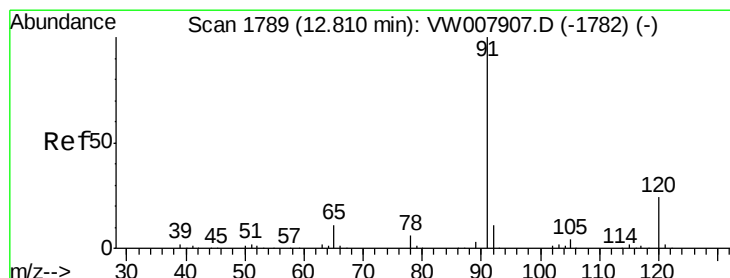
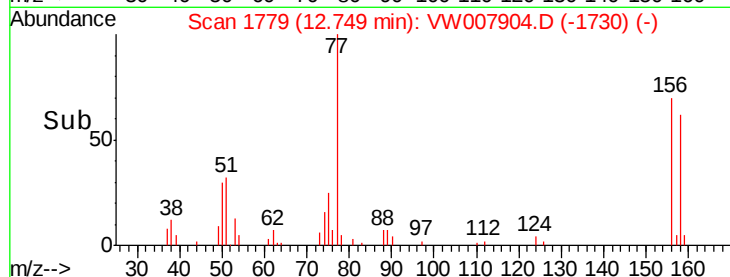
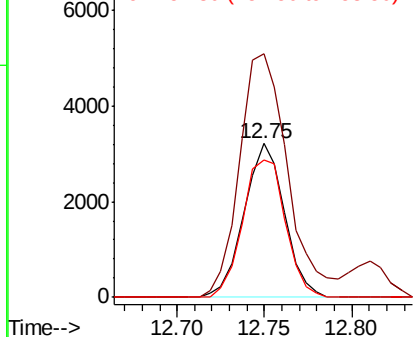
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.080 ug/l

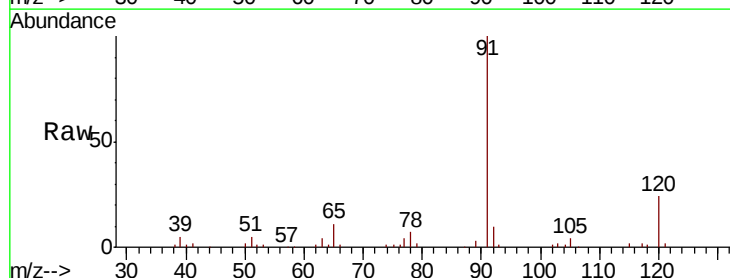
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007904.D

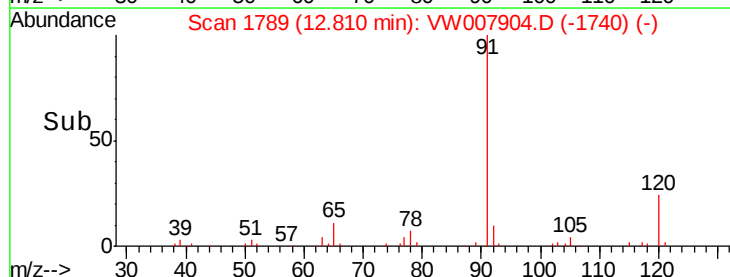
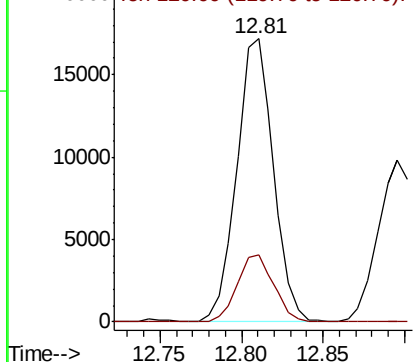
Acq: 24 Dec 2018 23:12

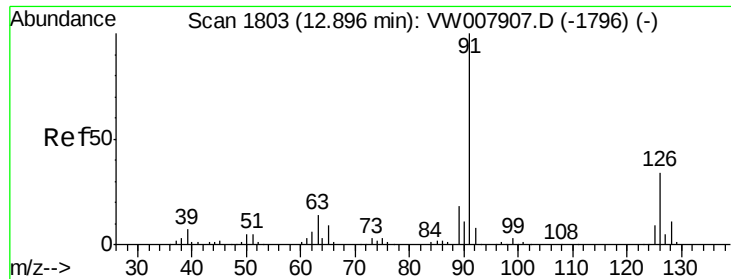
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





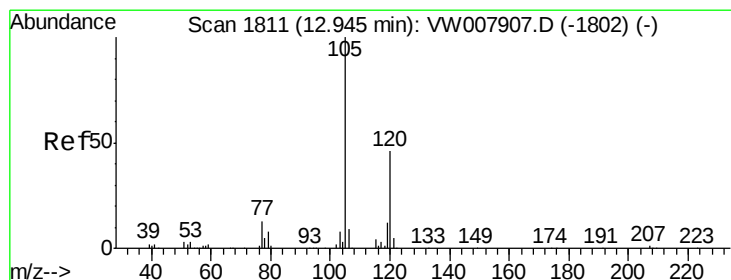
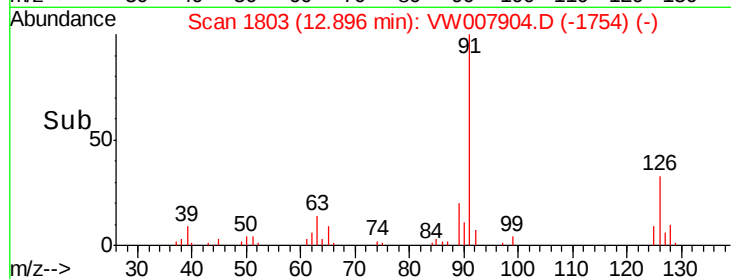
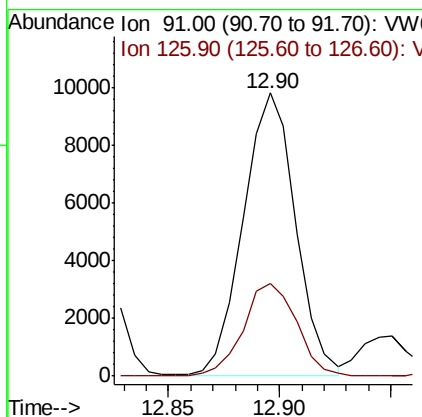
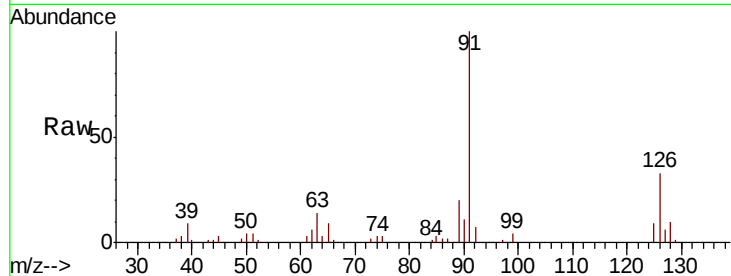
#79
2-Chlorotoluene
Concen: 5.185 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 16065
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.8

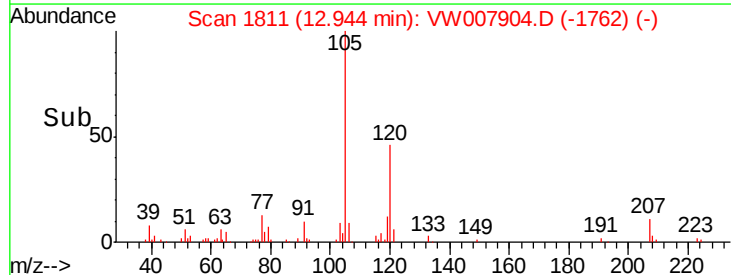
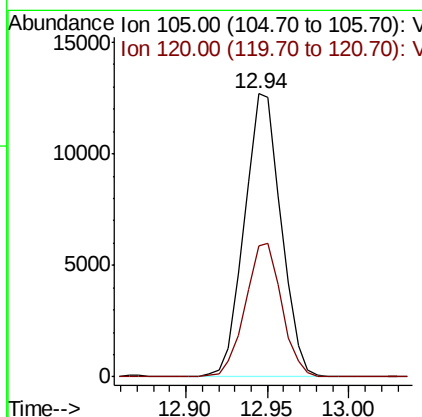
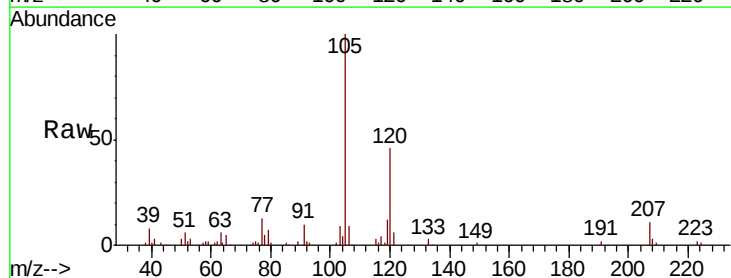
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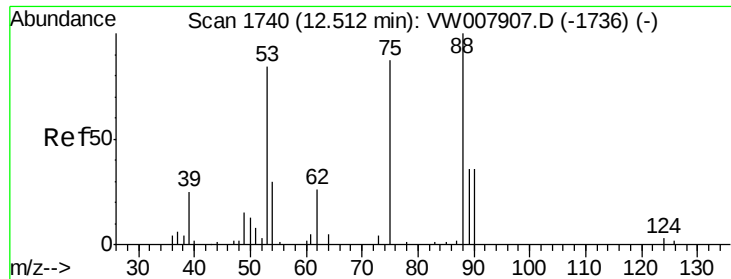
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#80
1,3,5-Trimethylbenzene
Concen: 5.082 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:105 Resp: 19918
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.642 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

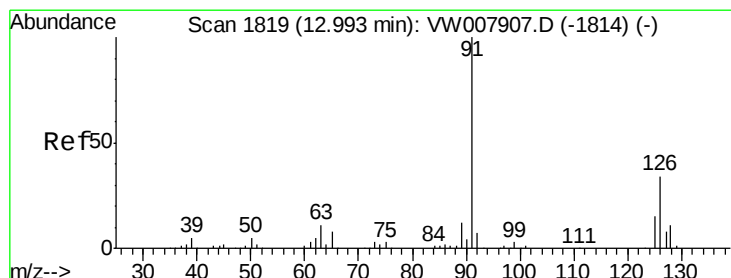
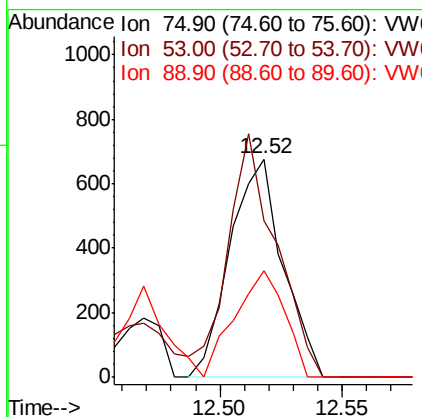
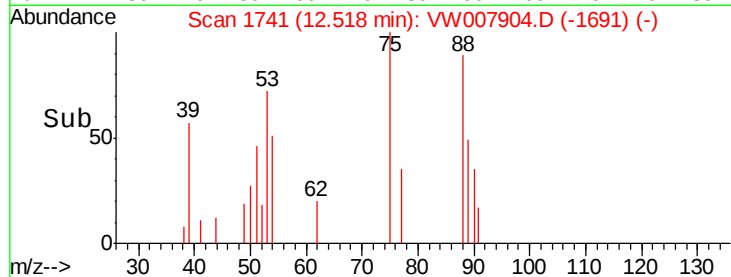
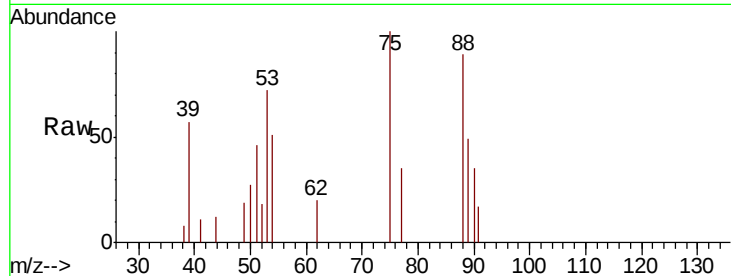
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	1024
Ion	Ratio	Lower	Upper
75	100		
53	101.0	79.8	119.8
89	45.8	37.1	55.7

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#82

4-Chlorotoluene

Concen: 5.112 ug/l

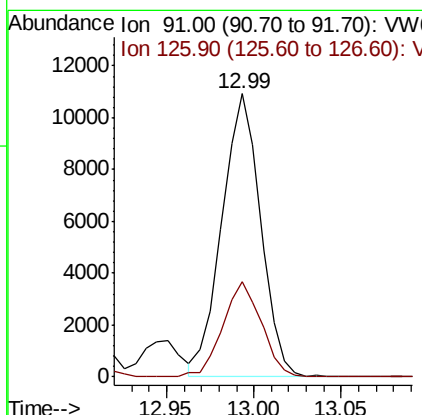
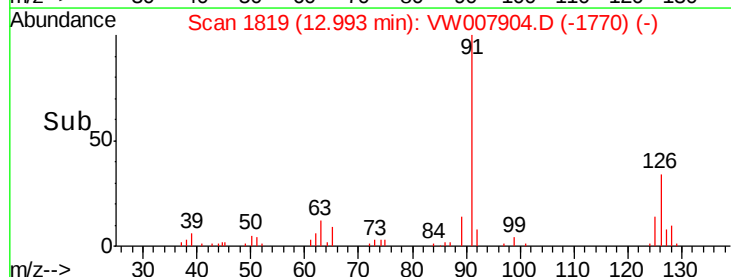
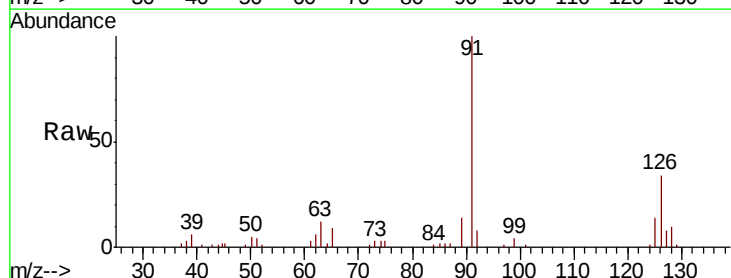
RT: 12.99 min Scan# 1819

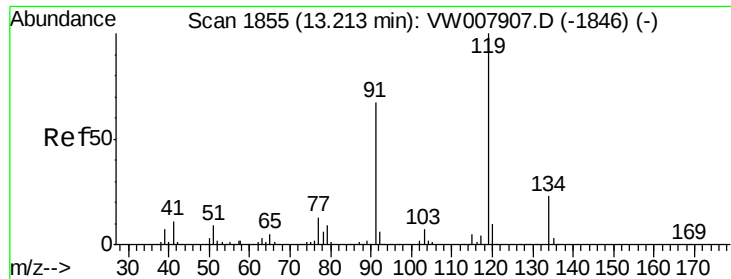
Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion:	91	Resp:	16789
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.5	49.5





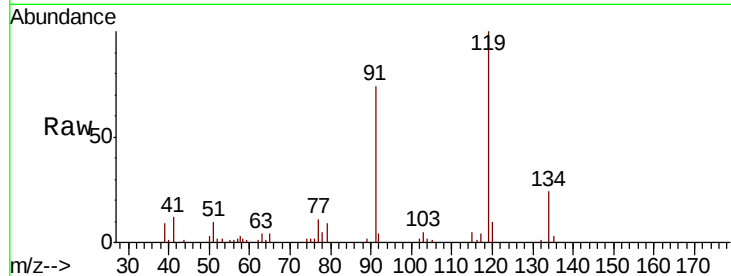
#83
tert-Butylbenzene
Concen: 5.042 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.8	33.8	101.3
134	23.7	11.7	35.1

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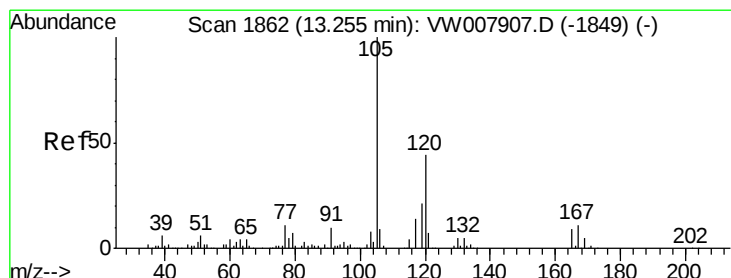
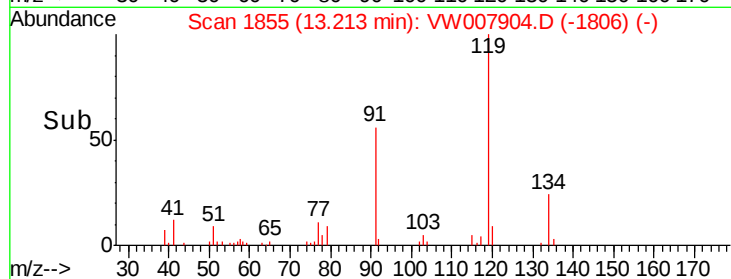
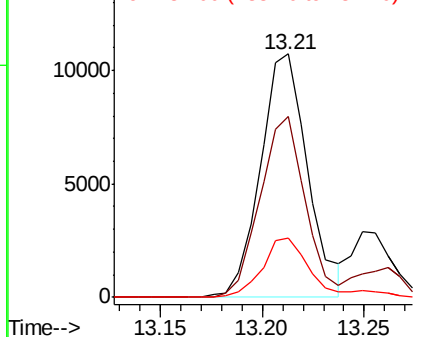


Abundance

Ion 119.00 (118.70 to 119.70): V

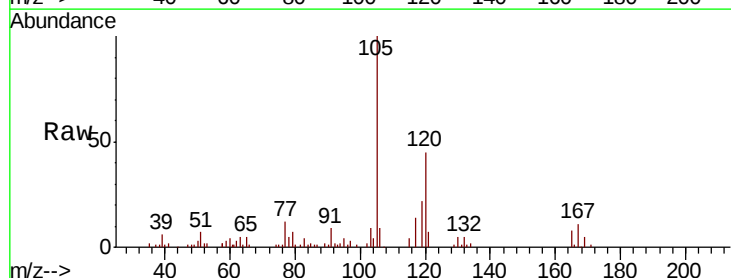
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 5.096 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

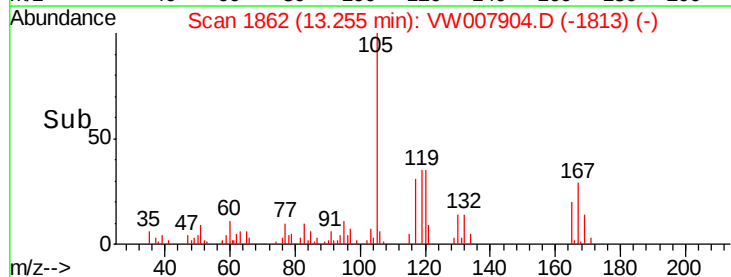
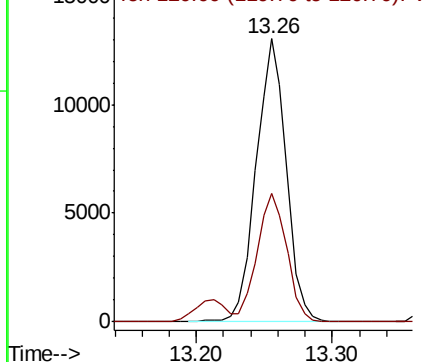
Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5

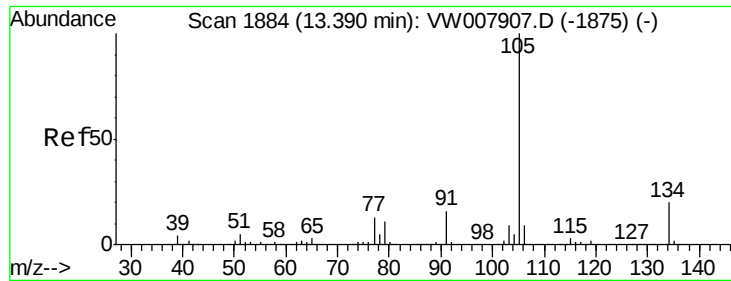


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





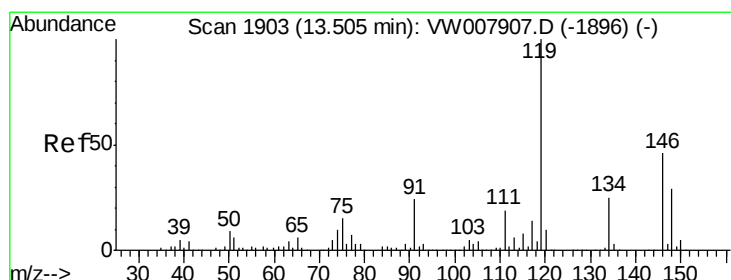
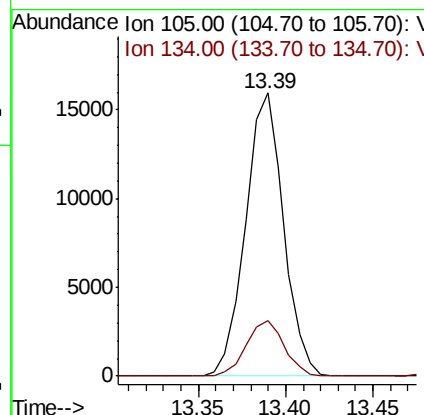
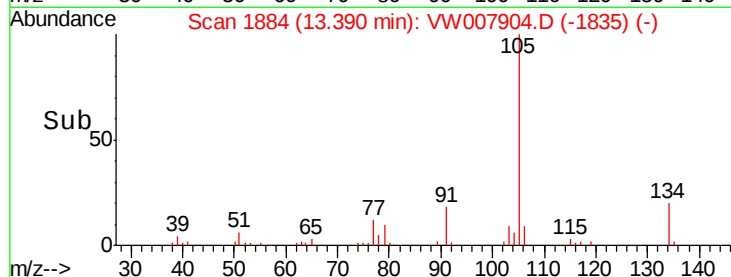
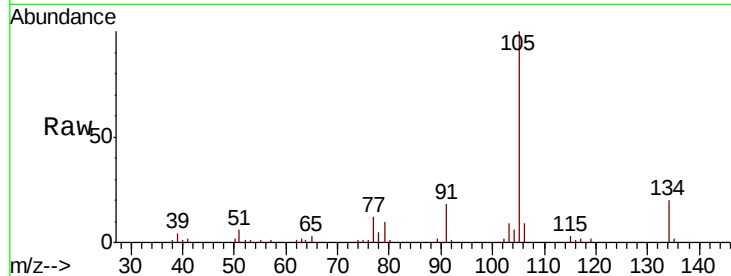
#85
 sec-Butylbenzene
 Concen: 5.073 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:105 Resp: 24009
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8

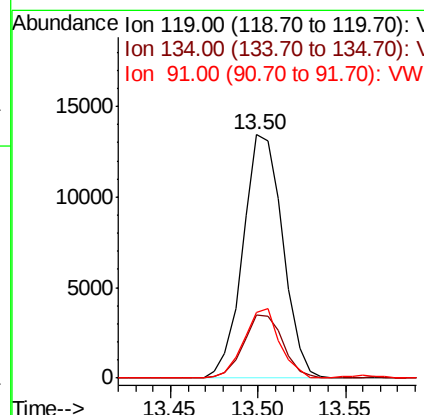
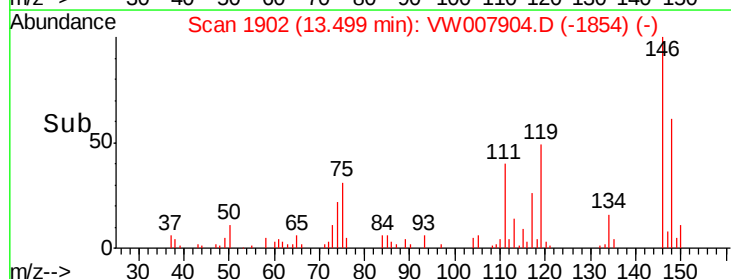
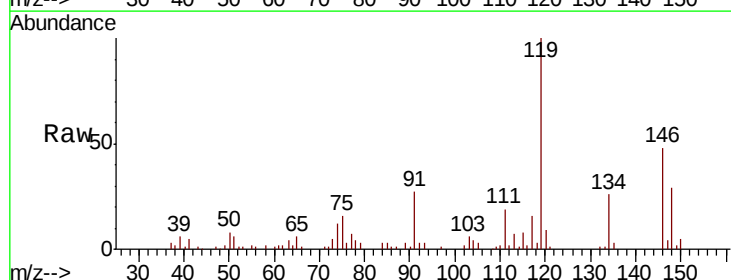
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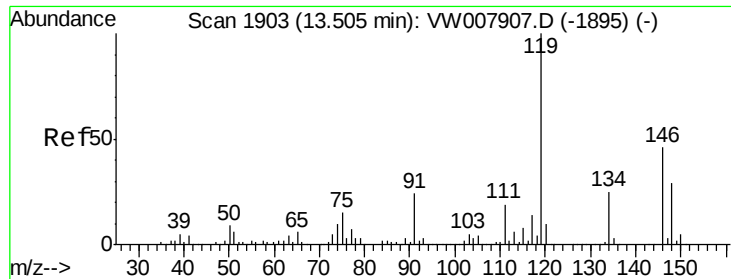
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#86
 p-Isopropyltoluene
 Concen: 4.939 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion:119 Resp: 21217
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 25.8 12.7 38.1





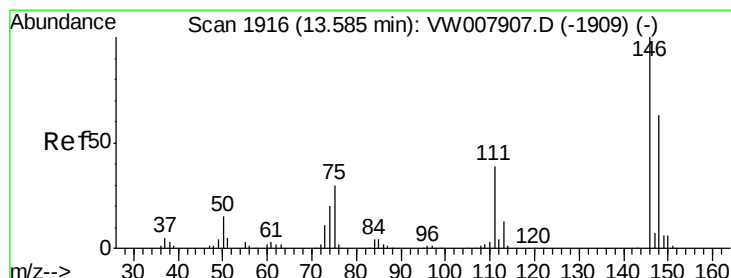
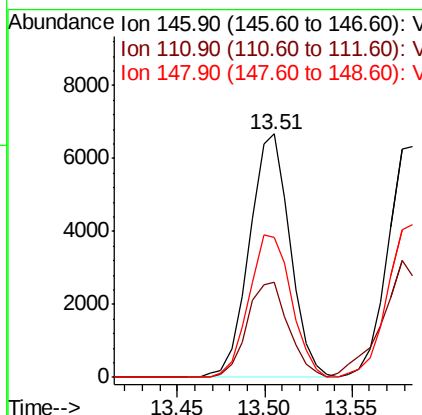
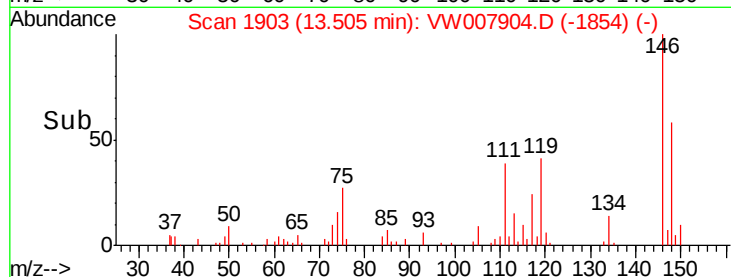
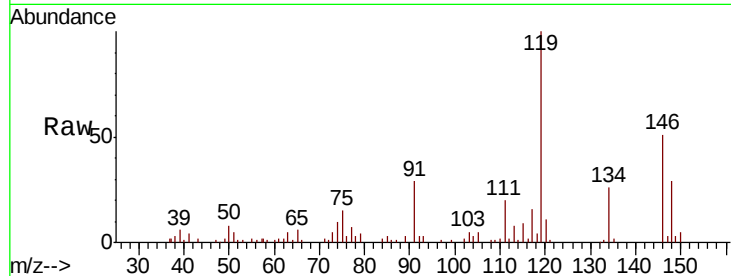
#87
 1,3-Dichlorobenzene
 Concen: 5.209 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.4	64.2
148	61.2	31.6	94.8

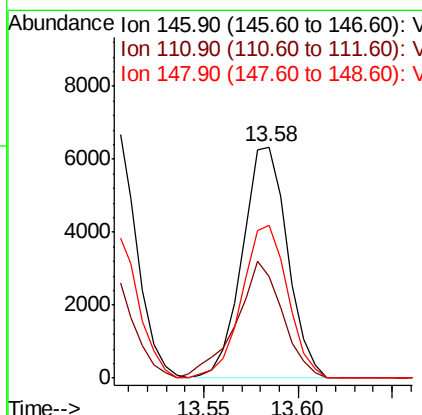
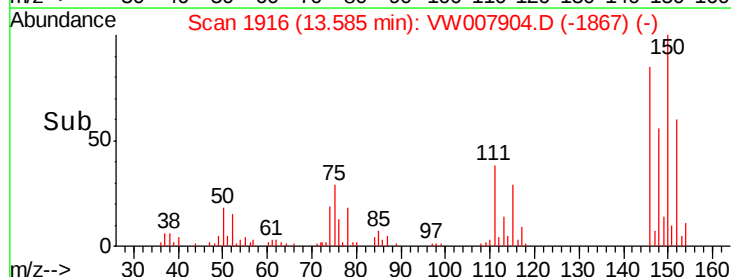
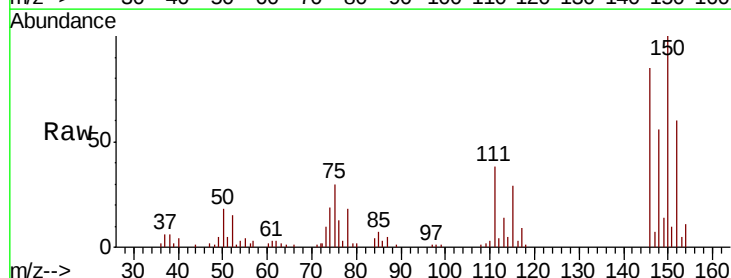
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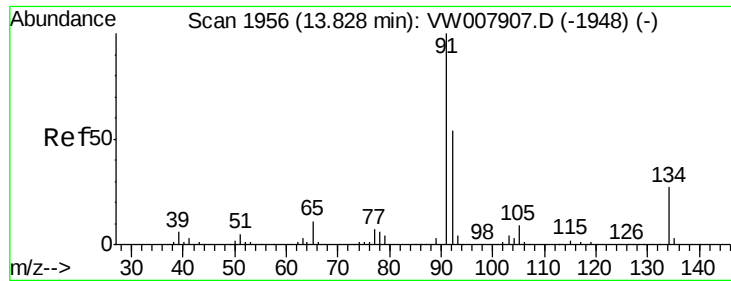
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#88
 1,4-Dichlorobenzene
 Concen: 5.113 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.1	20.8	62.5
148	66.8	31.9	95.5





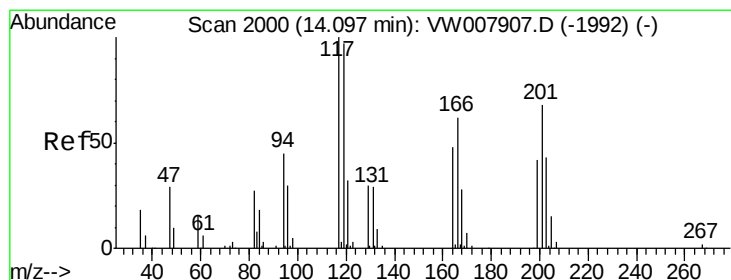
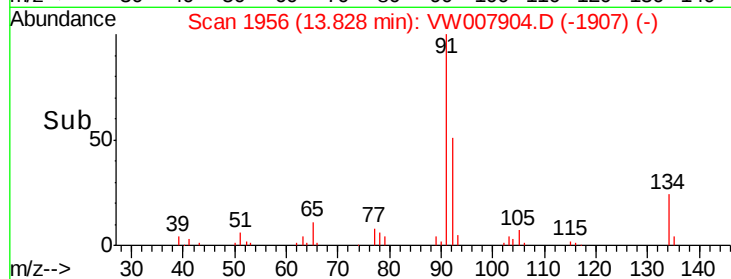
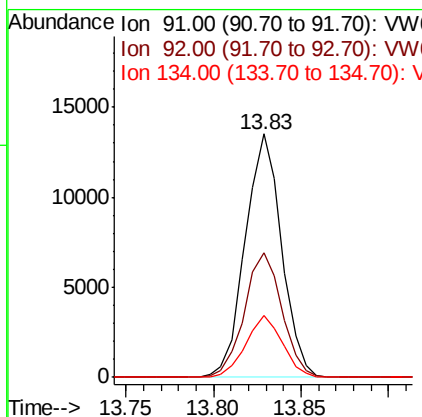
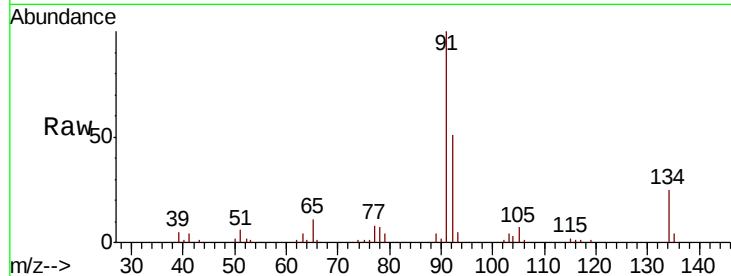
#89
n-Butylbenzene
Concen: 4.955 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	25.6	13.2	39.5

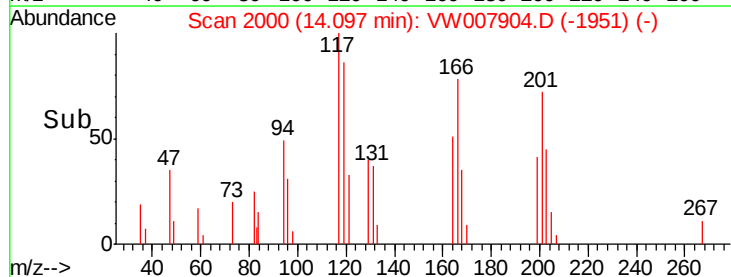
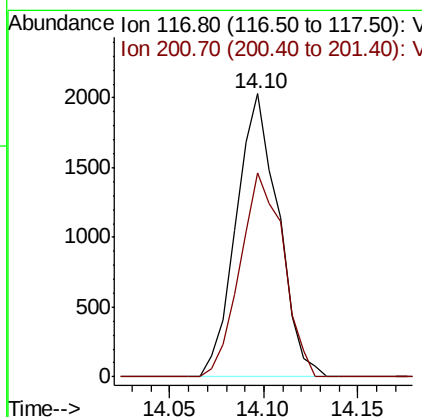
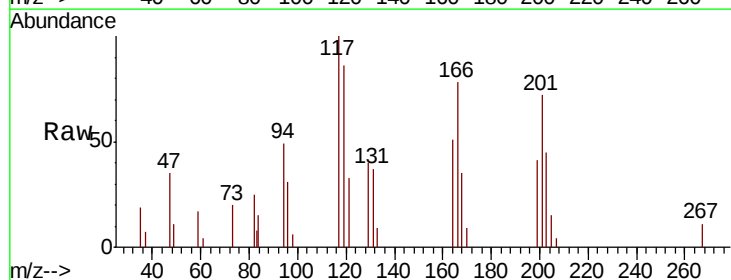
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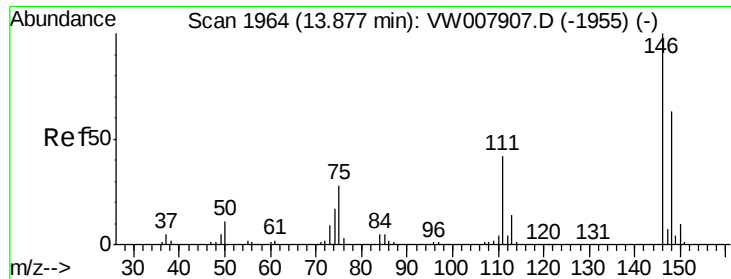
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#90
Hexachloroethane
Concen: 4.213 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.4	35.0	105.0





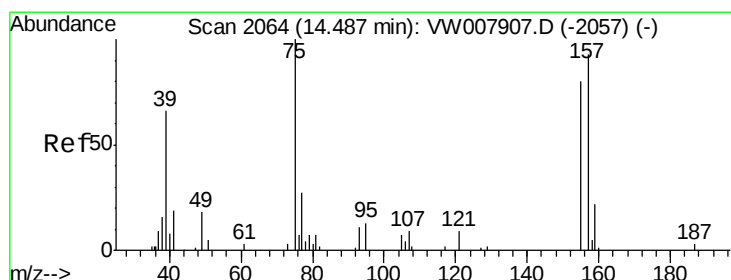
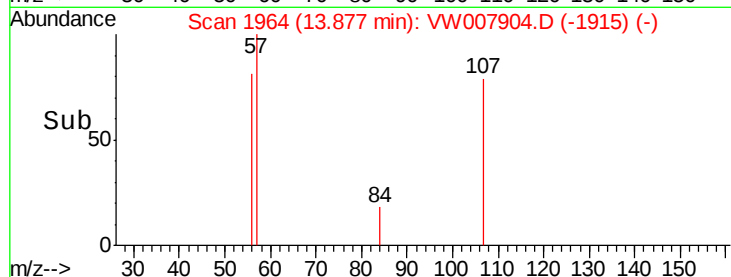
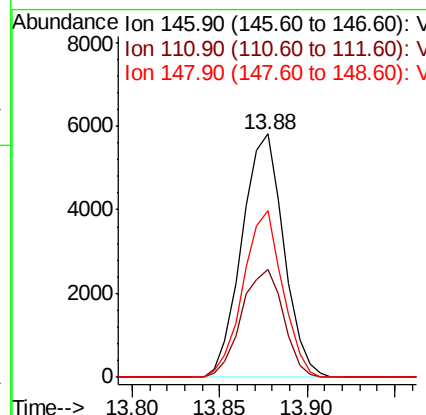
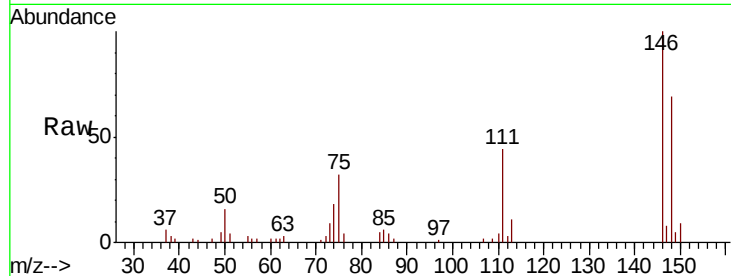
#91
 1,2-Dichlorobenzene
 Concen: 5.230 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.0	66.0
148	64.6	31.6	95.0

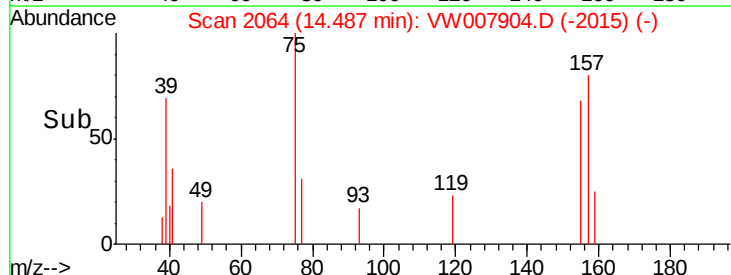
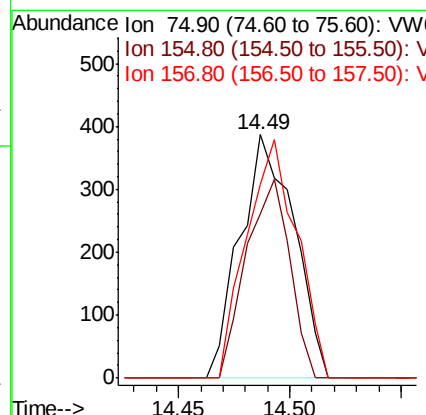
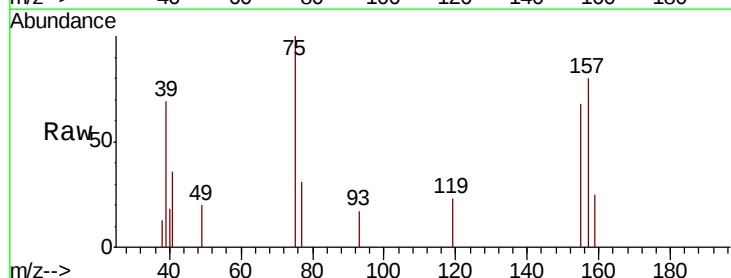
Manual Integrations
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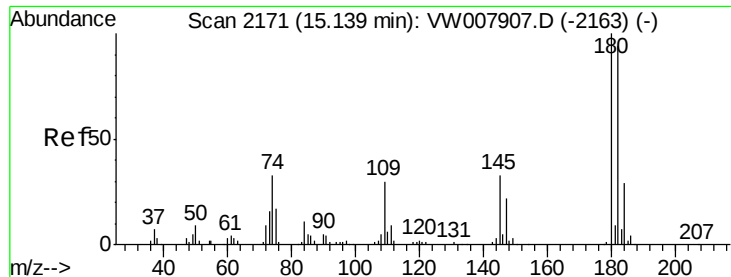
apatel
 12/27/2018 11:17:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.635 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.1	38.8	116.3
157	91.2	48.1	144.3





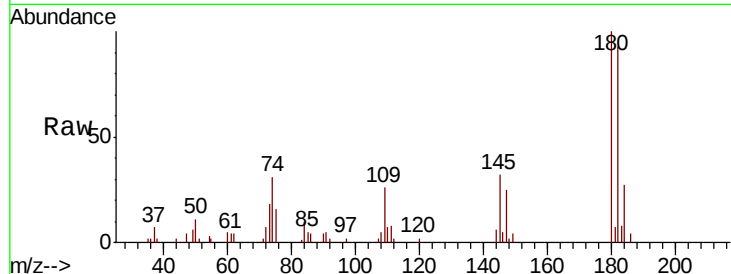
#93
1,2,4-Trichlorobenzene
Concen: 4.773 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.9
145	35.6	17.2	51.6

Manual Integrations
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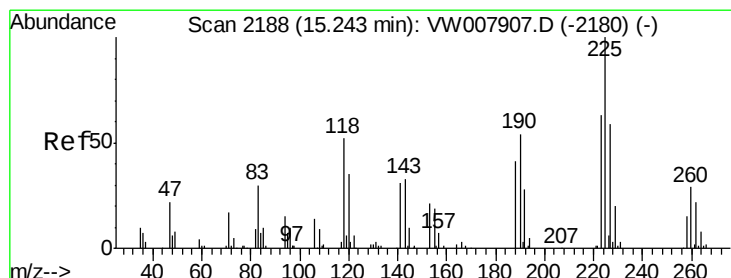
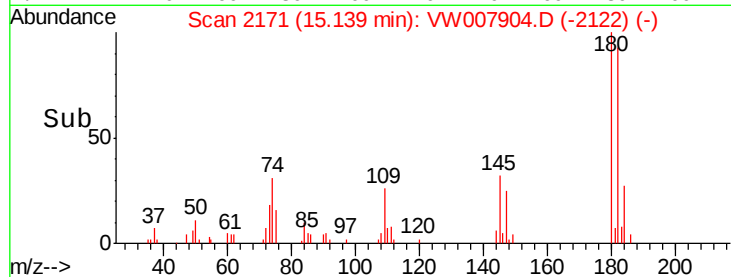
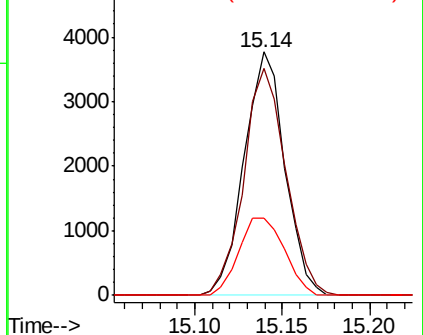


Abundance

Ion 179.80 (179.50 to 180.50): V

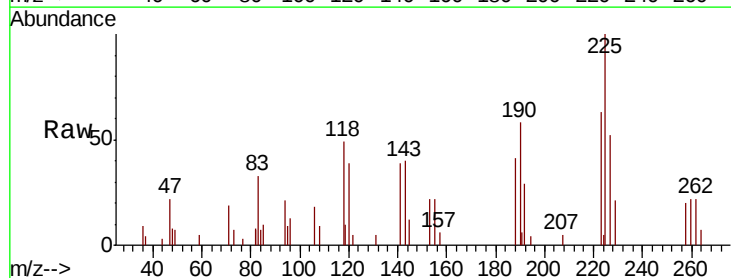
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 4.591 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.4	94.0
227	63.4	30.6	91.6

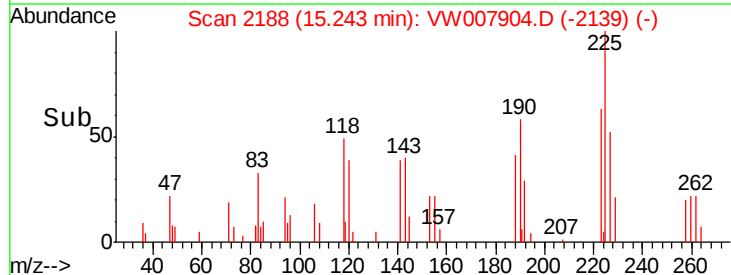
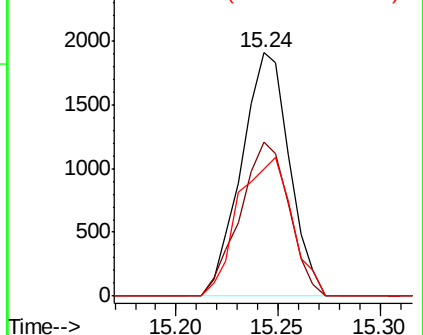


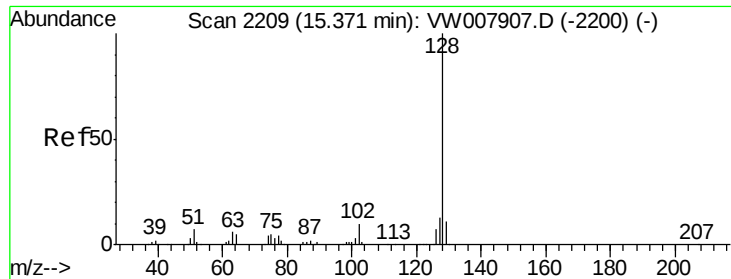
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.614 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

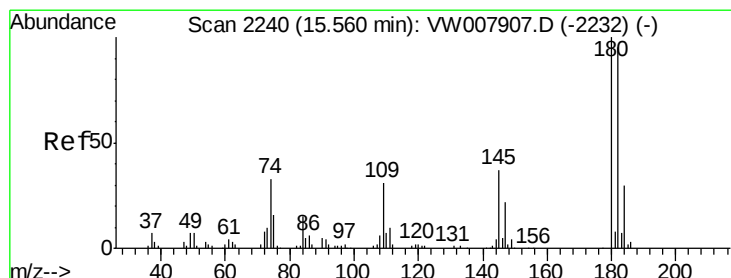
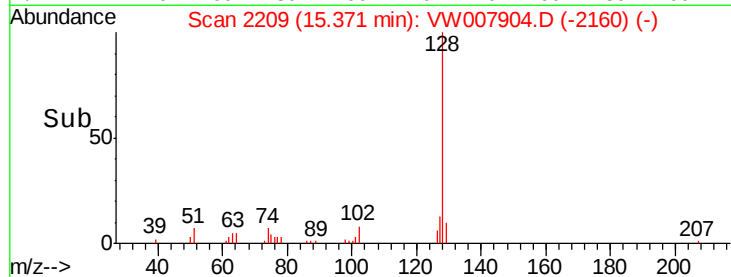
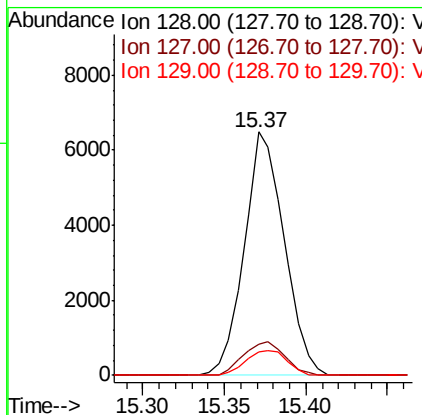
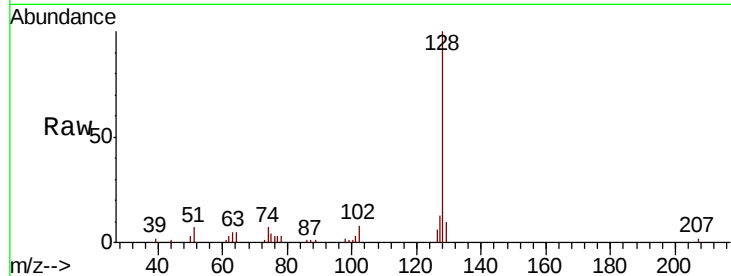
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	11042
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.7	16.1
129	10.6	8.4	12.6

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#96

1,2,3-Trichlorobenzene

Concen: 4.632 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion:	180	Resp:	5088
Ion Ratio	Lower	Upper	
180	100		
182	100.4	46.6	139.8
145	36.2	18.1	54.1

