

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004741.D
 Acq On : 17 Aug 2018 18:29
 Operator : SY/AP
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
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apatel
 8/20/2018 9:54:06 AM

Quant Time: Aug 18 01:40:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	730669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1116106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1015224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	522380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1018717	144.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.42%	
35) Dibromofluoromethane	7.88	113	1022831	143.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.78%	
50) Toluene-d8	10.33	98	4098127	147.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.34%	
62) 4-Bromofluorobenzene	12.62	95	1482013	147.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	717529	148.25	ug/l	99
3) Chloromethane	2.22	50	1019477	161.11	ug/l	98
4) Vinyl Chloride	2.37	62	1355042	145.48	ug/l	99
5) Bromomethane	2.78	94	824124	143.26	ug/l	100
6) Chloroethane	2.92	64	838532	149.20	ug/l	100
7) Trichlorofluoromethane	3.25	101	702683	160.13	ug/l	99
8) Diethyl Ether	3.67	74	595192	150.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	1115123	147.58	ug/l	100
10) Methyl Iodide	4.27	142	1723356	150.18	ug/l	100
11) Tert butyl alcohol	5.20	59	299965	754.13	ug/l	100
12) 1,1-Dichloroethene	4.03	96	1122743	149.11	ug/l	96
13) Acrolein	3.89	56	345786	652.91	ug/l	97
14) Allyl chloride	4.66	41	1781458	155.90	ug/l	99
15) Acrylonitrile	5.37	53	1294847	778.22	ug/l	99
16) Acetone	4.13	43	1216182	674.42	ug/l	98
17) Carbon Disulfide	4.37	76	3697836	149.44	ug/l	99
18) Methyl Acetate	4.67	43	594858	153.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1535635	157.11	ug/l	97
20) Methylene Chloride	4.91	84	1166784	118.55	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	1212088	151.29	ug/l	99
22) Diisopropyl ether	6.31	45	3431971	156.26	ug/l	97
23) Vinyl Acetate	6.26	43	10333240	831.78	ug/l	100
24) 1,1-Dichloroethane	6.21	63	2133296	149.47	ug/l	100
25) 2-Butanone	7.18	43	2014401	784.01	ug/l	100
26) 2,2-Dichloropropane	7.17	77	1137820	138.02	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	1331343	154.36	ug/l	99
28) Bromochloromethane	7.51	49	875473	145.66	ug/l	98
29) Tetrahydrofuran	7.53	42	1066326	813.88	ug/l	99
30) Chloroform	7.68	83	2071484	147.57	ug/l	99
31) Cyclohexane	7.96	56	2080062	150.67	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	1660607	149.24	ug/l	99
36) 1,1-Dichloropropene	8.09	75	1737928	151.15	ug/l	100
37) Ethyl Acetate	7.26	43	700216	152.77	ug/l	99
38) Carbon Tetrachloride	8.07	117	1588749	150.11	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	2342725	162.93	ug/l	98
40) Benzene	8.32	78	5009406	149.92	ug/l	100
41) Methacrylonitrile	7.49	41	433276	166.57	ug/l	99
42) 1,2-Dichloroethane	8.40	62	1273725	148.65	ug/l	100
43) Isopropyl Acetate	8.43	43	1373594	166.84	ug/l	98
44) Trichloroethene	9.09	130	1289110	151.98	ug/l	99
45) 1,2-Dichloropropane	9.37	63	1245825	152.42	ug/l	99
46) Dibromomethane	9.46	93	604309	149.24	ug/l	99
47) Bromodichloromethane	9.65	83	1498642	154.97	ug/l	99
48) Methyl methacrylate	9.44	41	659244	170.65	ug/l	100
49) 1,4-Dioxane	9.47	88	185529	3136.04	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	4542381	816.37	ug/l	100
52) Toluene	10.39	92	3048979	152.14	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	1573802	161.53	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	1869953	160.99	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	857524	148.98	ug/l	100
56) Ethyl methacrylate	10.65	69	1181975	173.83	ug/l	99
57) 1,3-Dichloropropane	10.94	76	1513355	152.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	2620054	824.23	ug/l	99
59) 2-Hexanone	10.98	43	3066011	813.26	ug/l	98
60) Dibromochloromethane	11.13	129	1007105	155.95	ug/l	100
61) 1,2-Dibromoethane	11.24	107	835450	151.84	ug/l	100
64) Tetrachloroethene	10.87	164	1063345	153.26	ug/l	99
65) Chlorobenzene	11.66	112	3308257	151.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	1162719	157.59	ug/l	98
67) Ethyl Benzene	11.74	91	5901515	159.31	ug/l	98
68) m/p-Xylenes	11.85	106	4550563	315.75	ug/l	98
69) o-Xylene	12.17	106	2203048	165.13	ug/l	97
70) Styrene	12.19	104	3643358	162.57	ug/l	99
71) Bromoform	12.35	173	621897	159.70	ug/l #	99
73) Isopropylbenzene	12.47	105	5922017	166.64	ug/l	100
74) N-amyl acetate	12.28	43	1341165	180.03	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	1028728	156.26	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	686626m	88.74	ug/l	
77) Bromobenzene	12.75	156	1354053	157.41	ug/l	100
78) n-propylbenzene	12.81	91	7020015	161.88	ug/l	99
79) 2-Chlorotoluene	12.90	91	4031336	161.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	4930916	163.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	345822	174.55	ug/l	96
82) 4-Chlorotoluene	12.99	91	4191874	157.83	ug/l	100
83) tert-Butylbenzene	13.21	119	4343089	168.18	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	5040423	162.27	ug/l	99
85) sec-Butylbenzene	13.39	105	6246274	162.01	ug/l	100
86) p-Isopropyltoluene	13.51	119	5503490	164.05	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	2709326	154.84	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	2640004	150.94	ug/l	99
89) n-Butylbenzene	13.83	91	5280728	162.81	ug/l	98
90) Hexachloroethane	14.10	117	1005586	164.45	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	2406217	153.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	169513	164.75	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1806950	162.56	ug/l	99
94) Hexachlorobutadiene	15.24	225	1057196	154.96	ug/l	99
95) Naphthalene	15.38	128	3403011	177.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1592324	161.54	ug/l	99

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

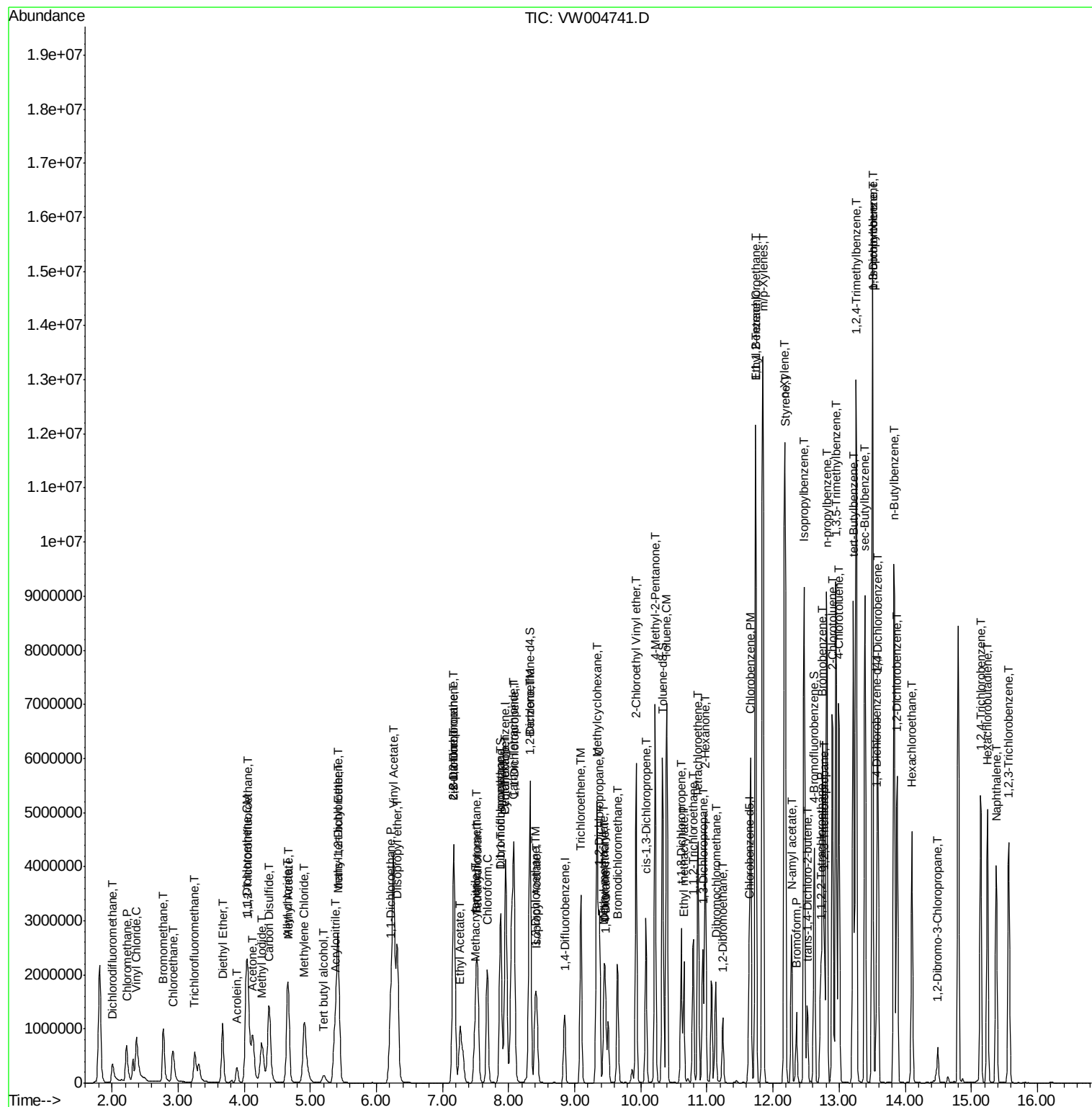
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
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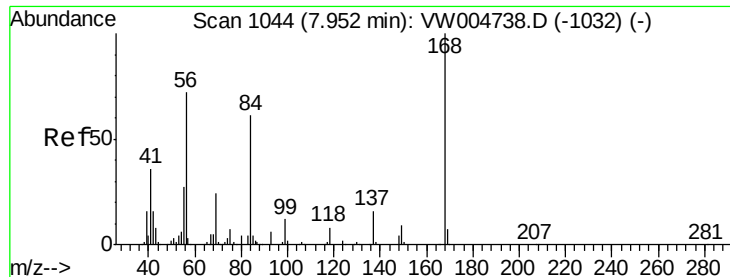
Instrument :
MSVOA_W
Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 730669

Ion Ratio Lower Upper

168 100

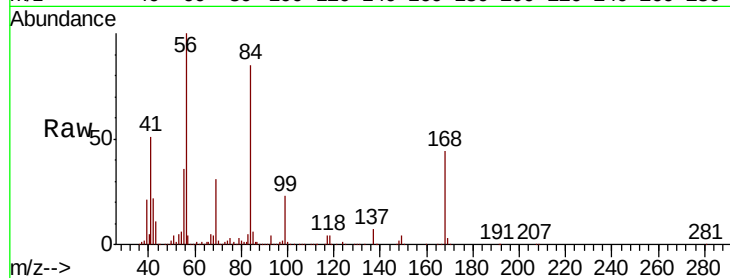
99 53.5 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

400000

300000

200000

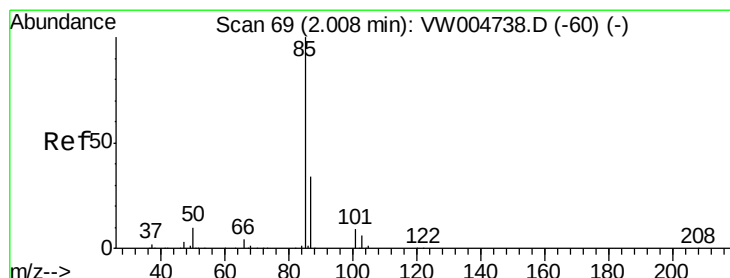
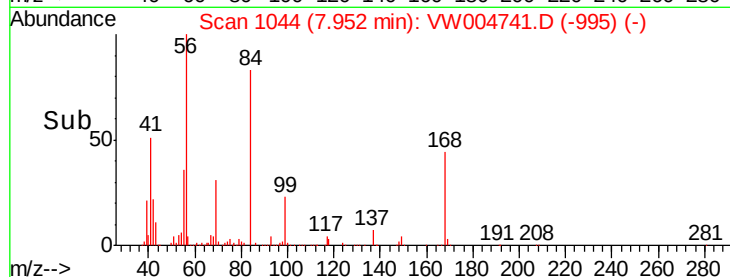
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 148.25 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004741.D

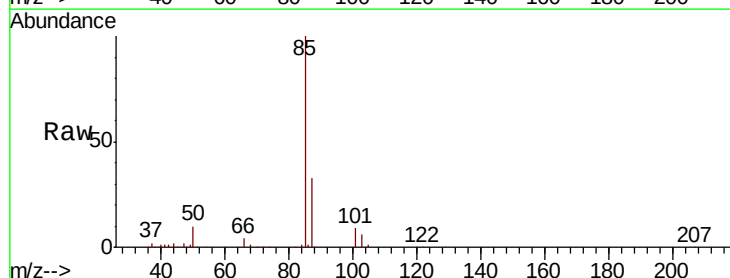
Acq: 17 Aug 2018 18:29

Tgt Ion: 85 Resp: 717529

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

200000

150000

100000

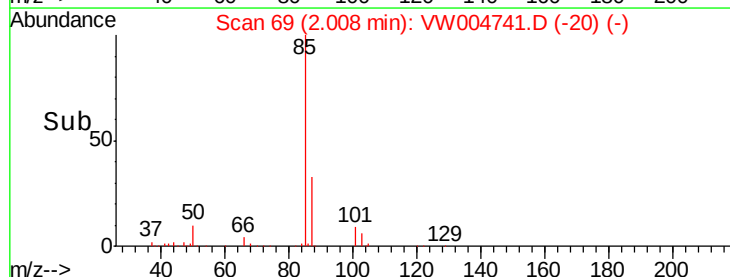
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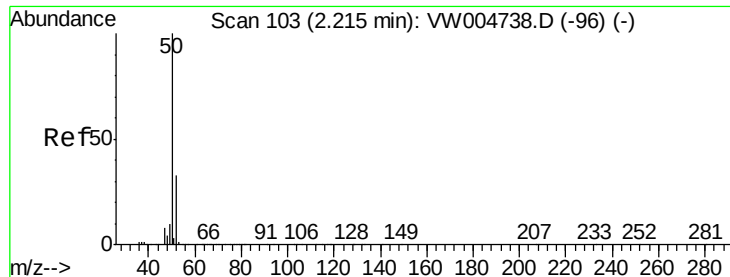
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 161.11 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 1019477

Ion Ratio Lower Upper

50 100

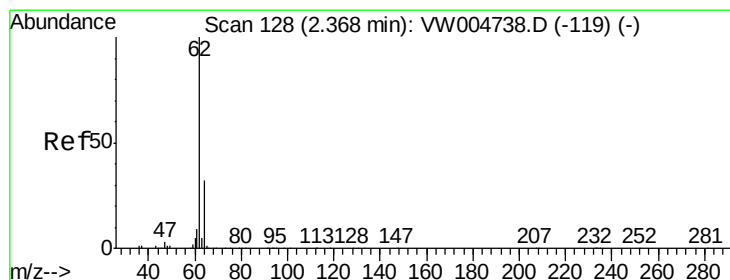
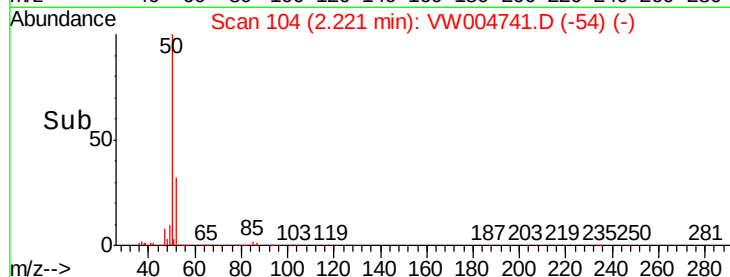
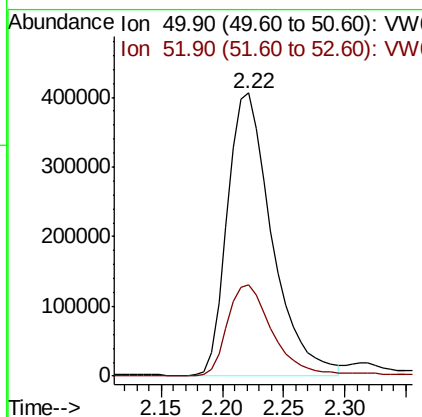
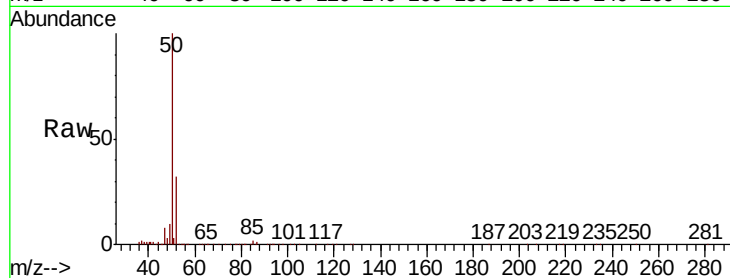
52 32.5 26.7 40.1

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#4

Vinyl Chloride

Concen: 145.48 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004741.D

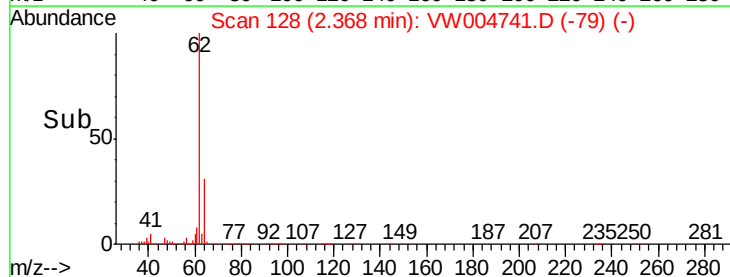
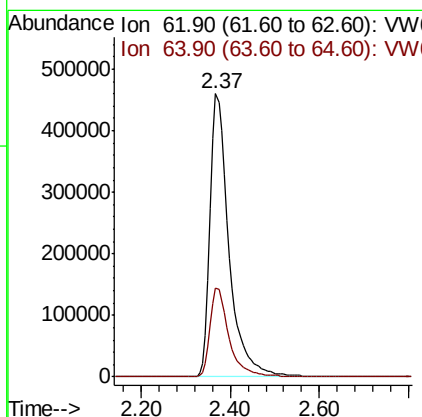
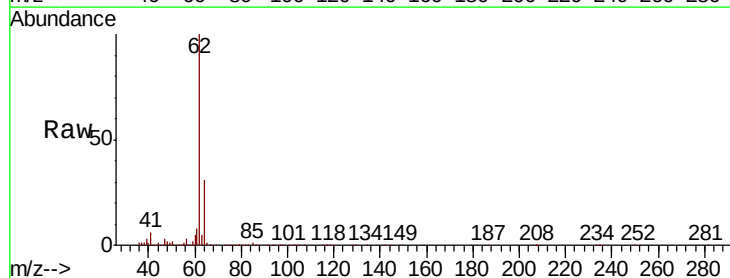
Acq: 17 Aug 2018 18:29

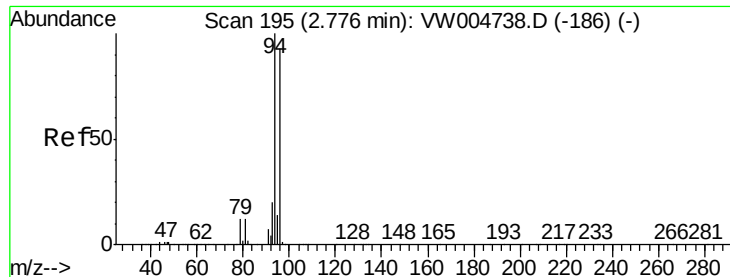
Tgt Ion: 62 Resp: 1355042

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 143.26 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 824124

Ion Ratio Lower Upper

94 100

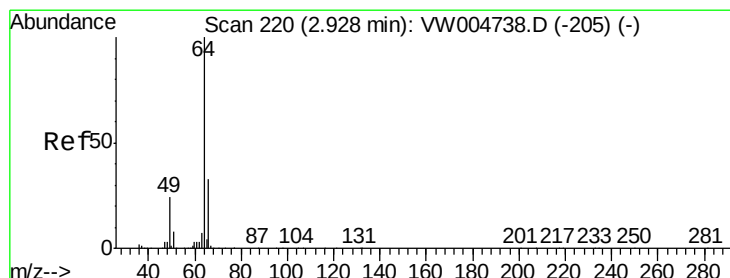
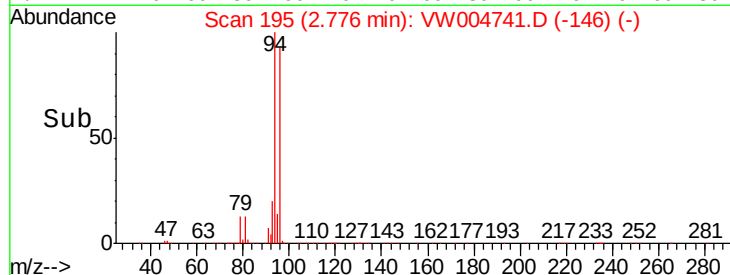
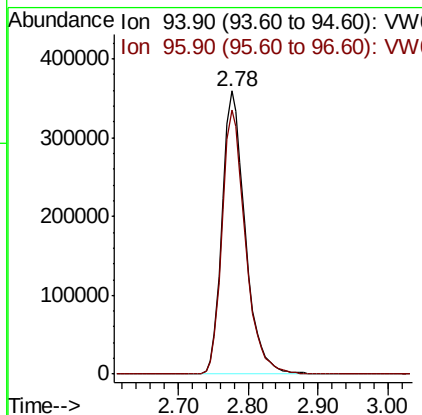
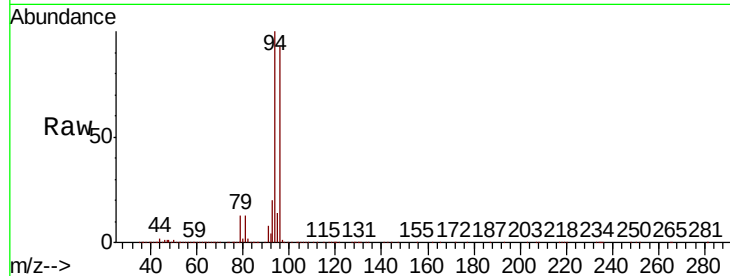
96 93.1 74.3 111.5

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#6

Chloroethane

Concen: 149.20 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VW004741.D

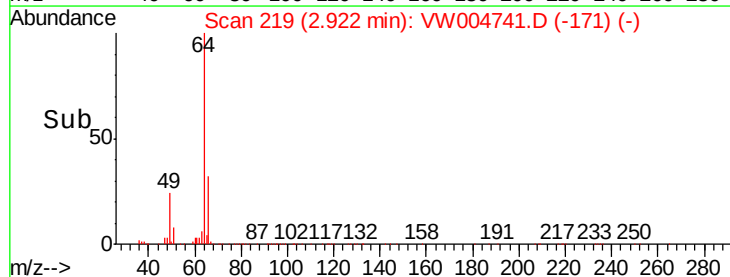
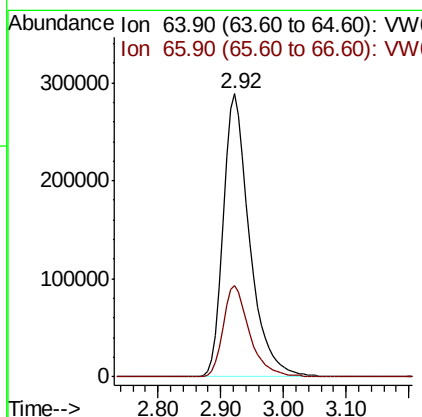
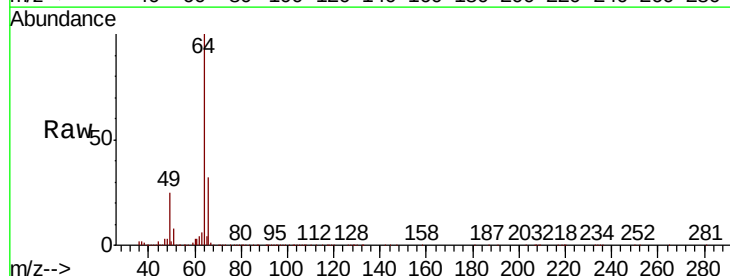
Acq: 17 Aug 2018 18:29

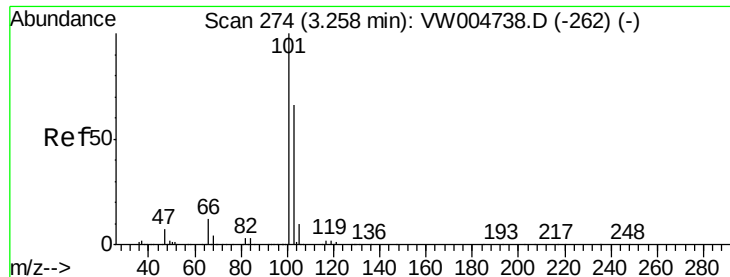
Tgt Ion: 64 Resp: 838532

Ion Ratio Lower Upper

64 100

66 32.4 26.1 39.1





#7

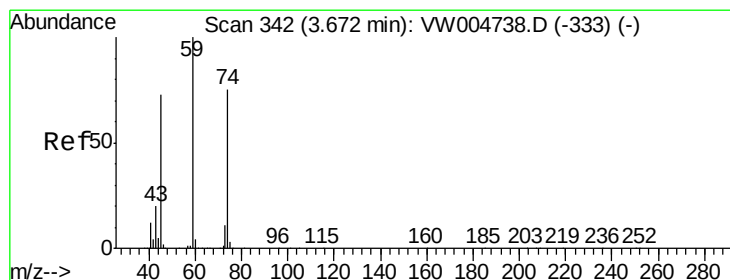
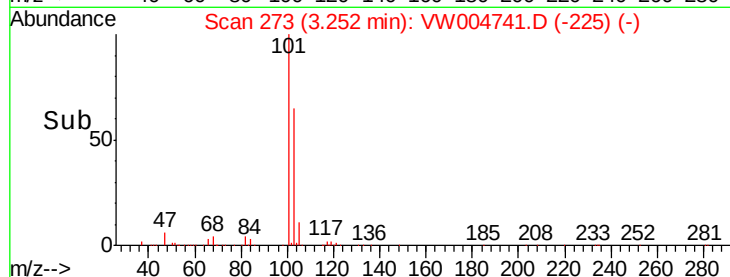
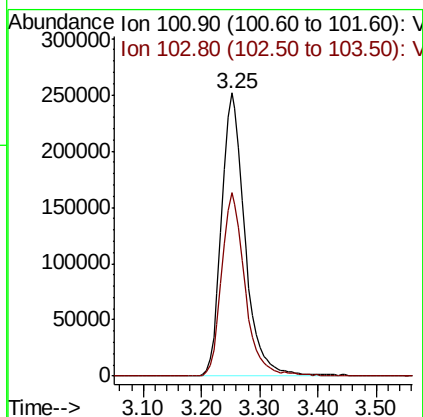
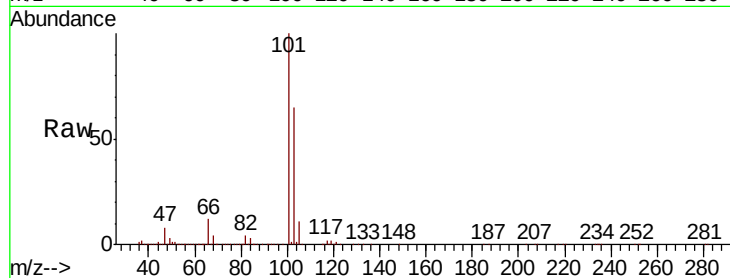
Trichlorofluoromethane
Concen: 160.13 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.01 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.5	78.7

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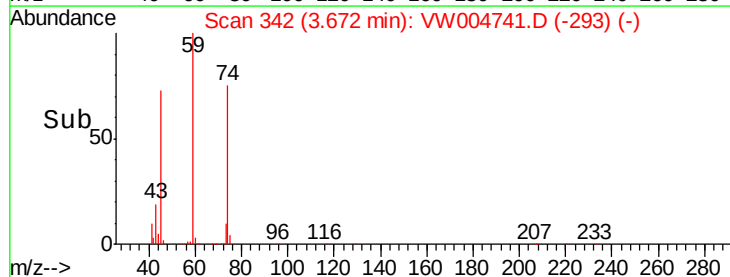
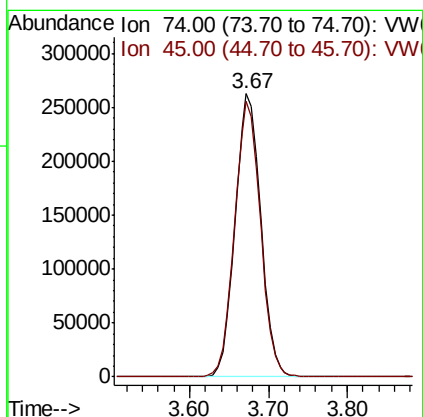
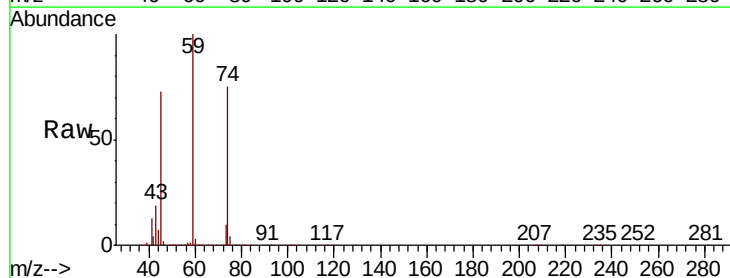
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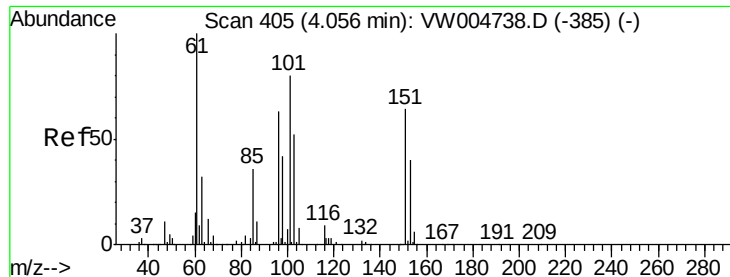


#8

Diethyl Ether
Concen: 150.02 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.58 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004741.D

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Instrument :

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ClientSampleId :

VSTDIC150

Tot Ion:101 Resp: 1115123

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

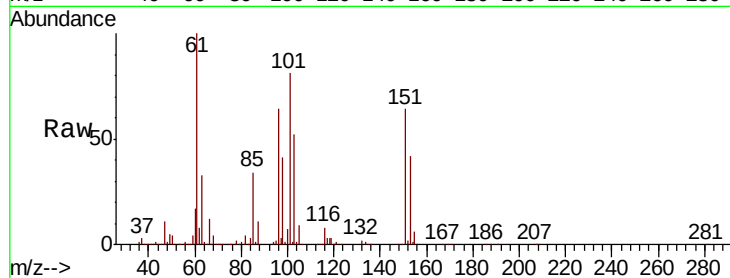
151 79.9 63.4 95.2

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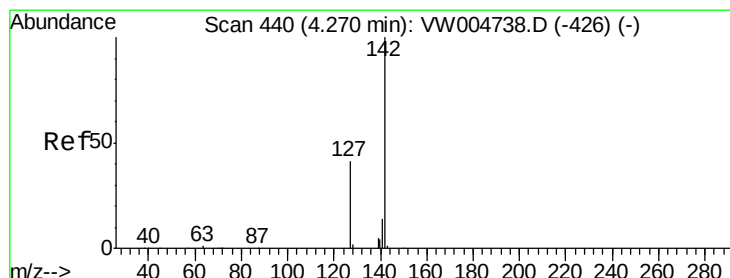
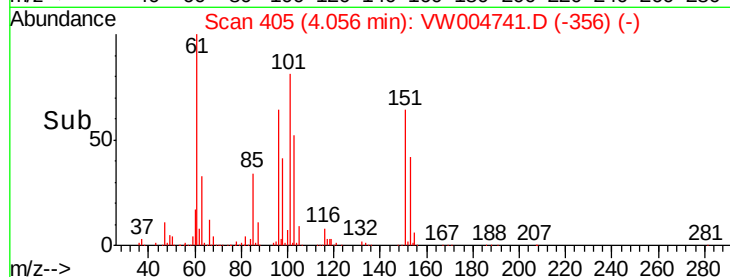
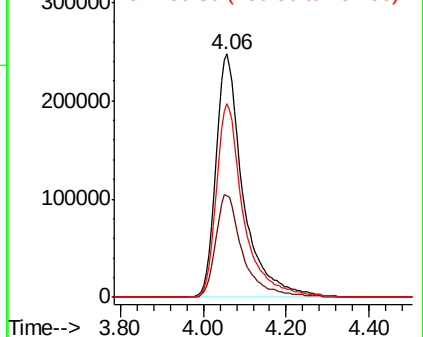


Abundance

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: 150.18 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

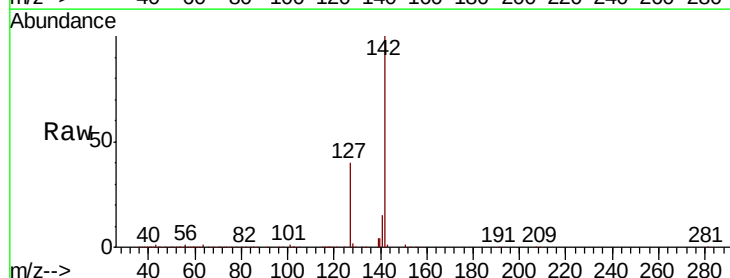
Tgt Ion:142 Resp: 1723356

Ion Ratio Lower Upper

142 100

127 39.7 32.1 48.1

141 14.5 11.7 17.5

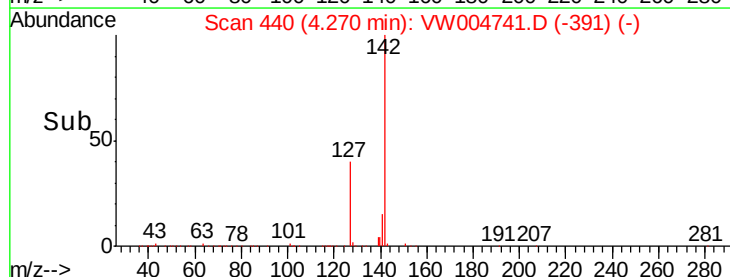
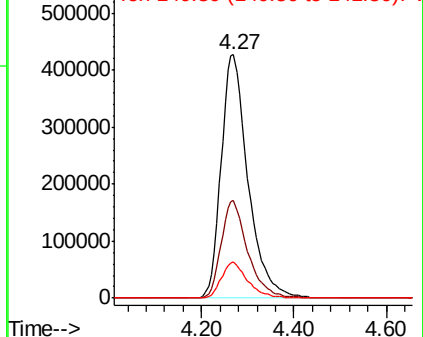


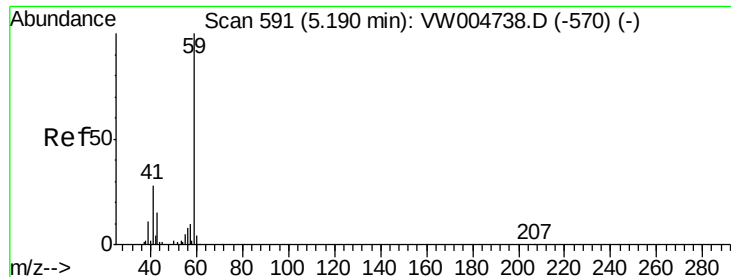
Abundance

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

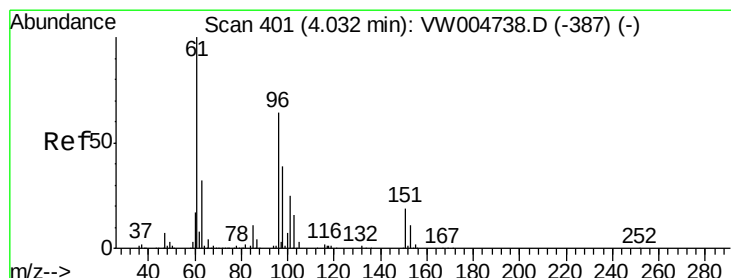
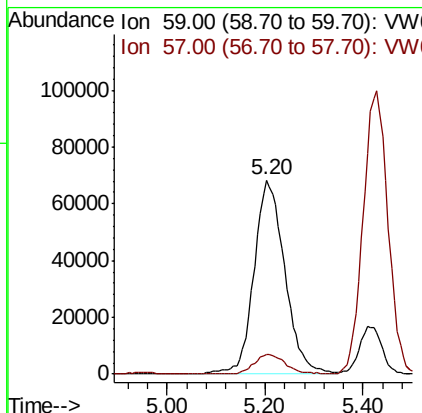
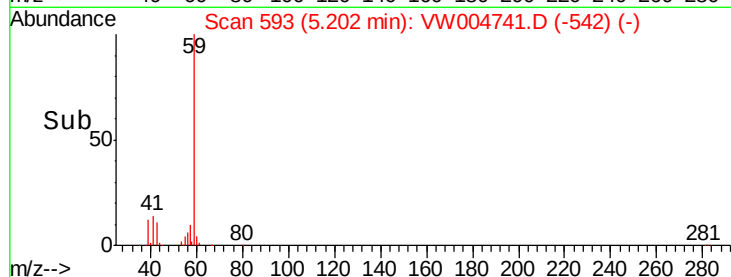
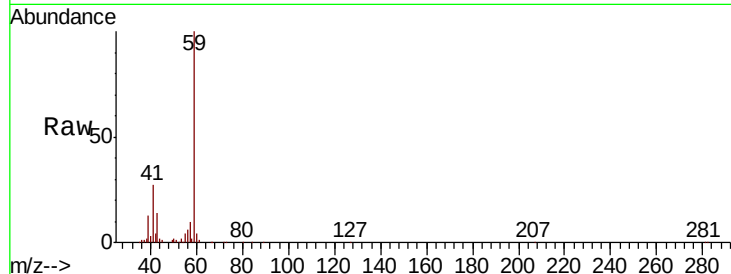
Tert butyl alcohol
Concen: 754.13 ug/l
RT: 5.20 min Scan# 593
Delta R.T. 0.01 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

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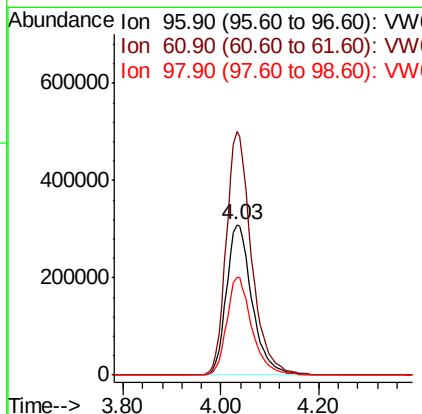
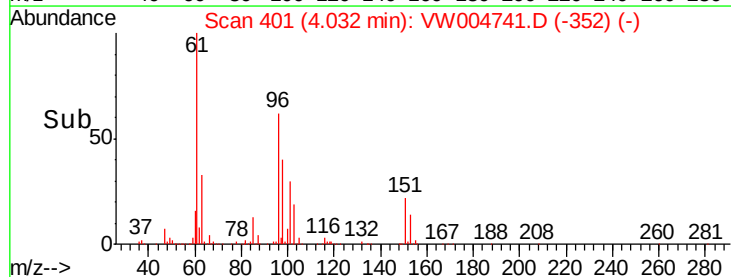
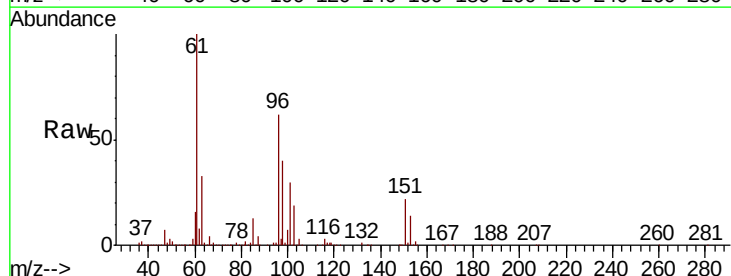
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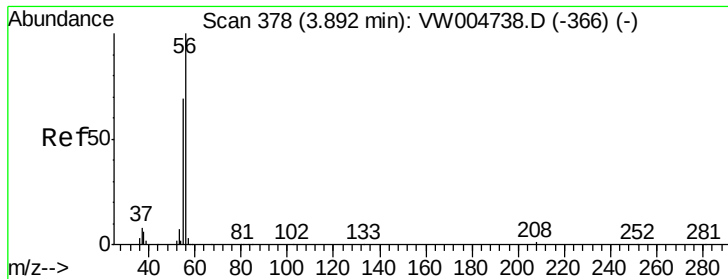


#12

1,1-Dichloroethene
Concen: 149.11 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	125.6	188.4
98	64.9	49.4	74.0





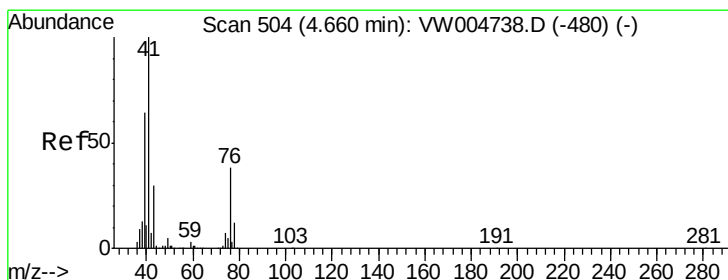
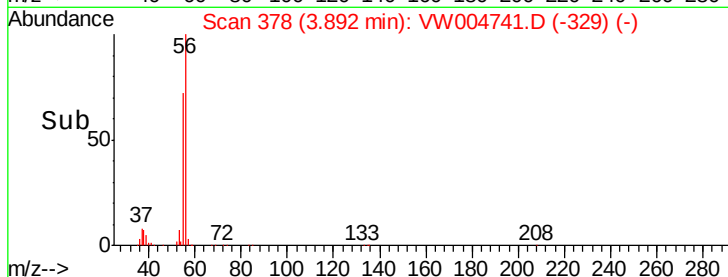
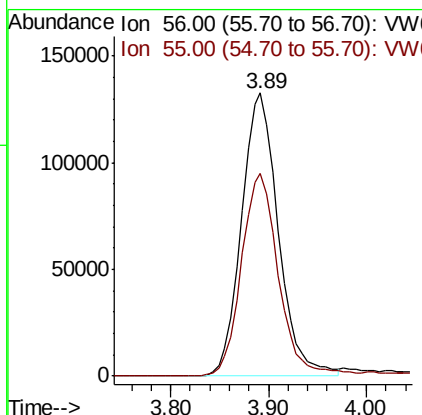
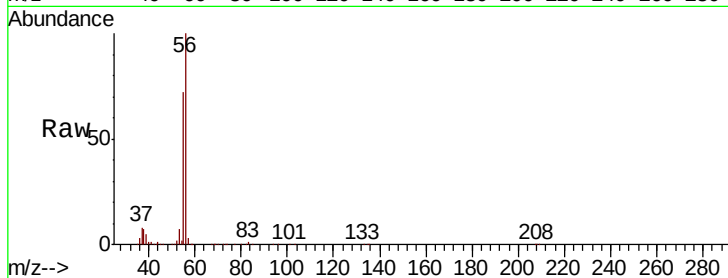
#13
Acrolein
Concen: 652.91 ug/l
RT: 3.89 min Scan# 378
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.1	84.1

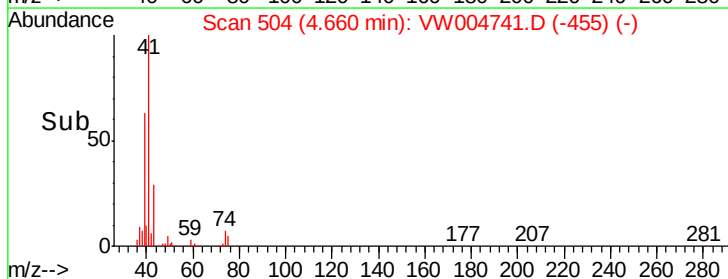
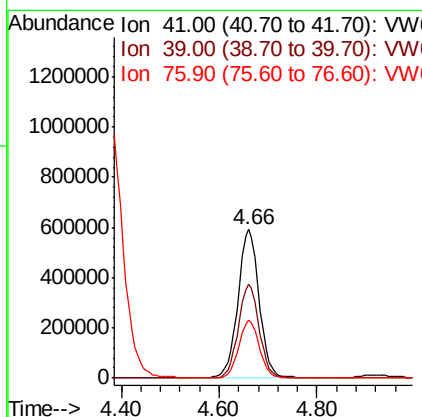
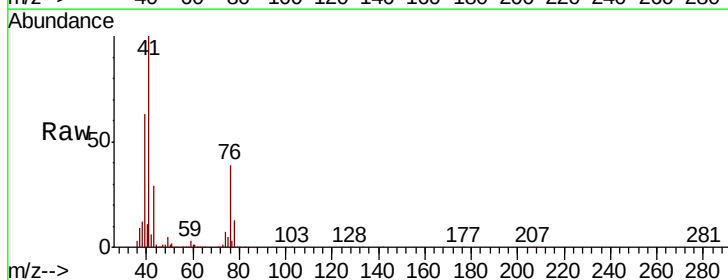
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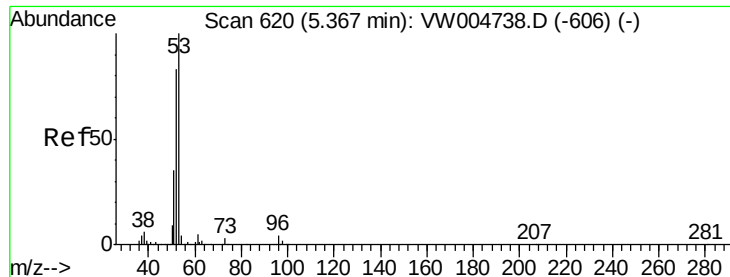
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#14
Allyl chloride
Concen: 155.90 ug/l
RT: 4.66 min Scan# 504
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.0	50.0	75.0
76	37.7	29.8	44.6





#15

Acrylonitrile

Concen: 778.22 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

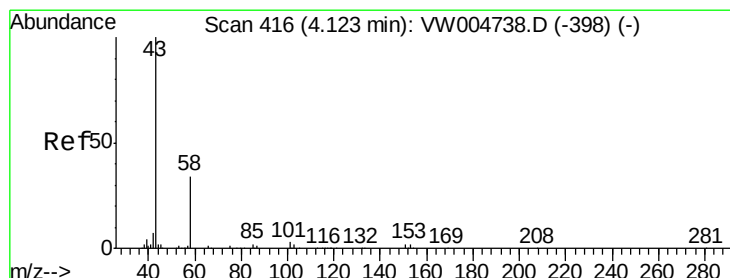
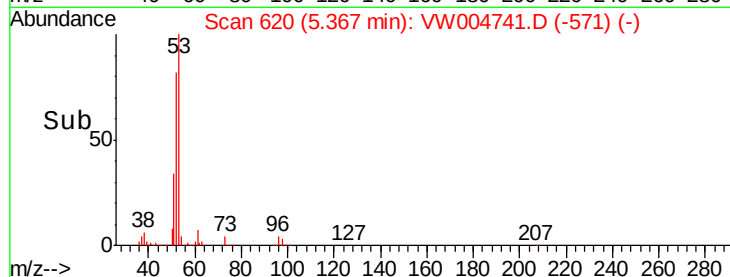
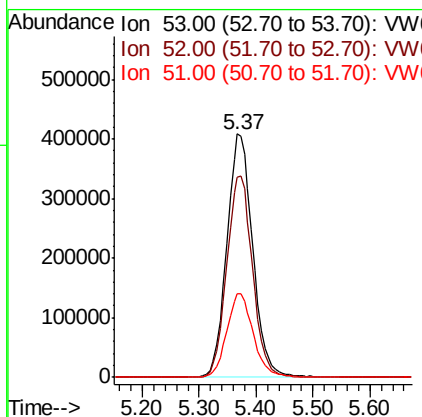
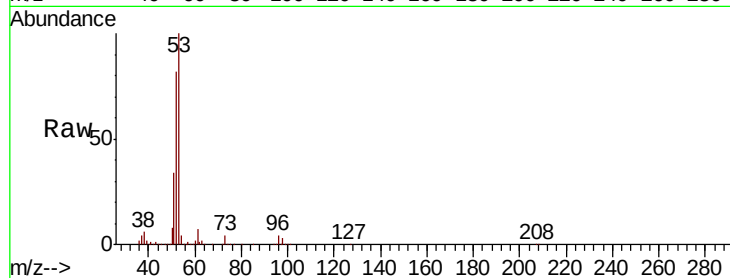
ClientSampled :

VSTDIC150

Tot Ion:	53	Resp:	1294847
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	35.1	28.7	43.1

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#16

Acetone

Concen: 674.42 ug/l

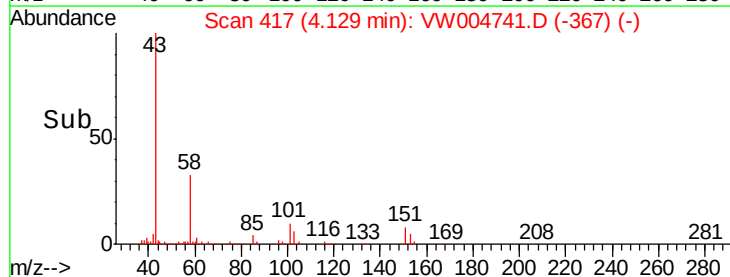
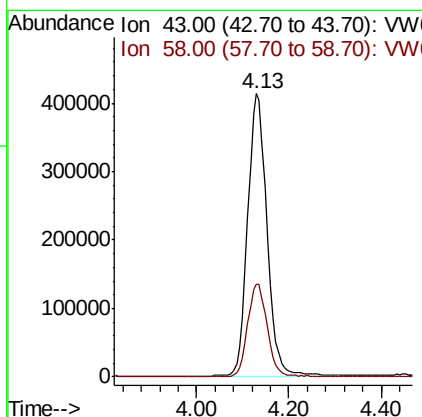
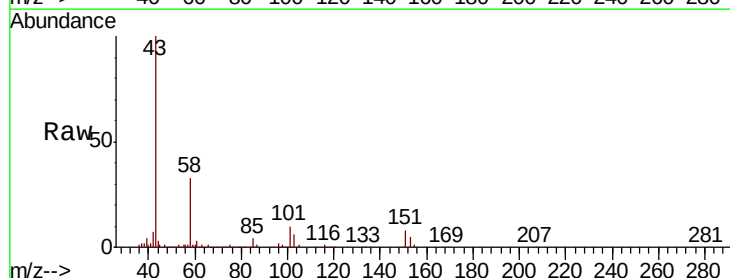
RT: 4.13 min Scan# 417

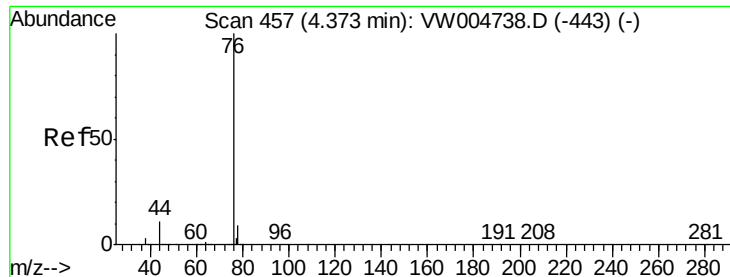
Delta R.T. 0.01 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Tgt Ion:	43	Resp:	1216182
Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.3	40.9





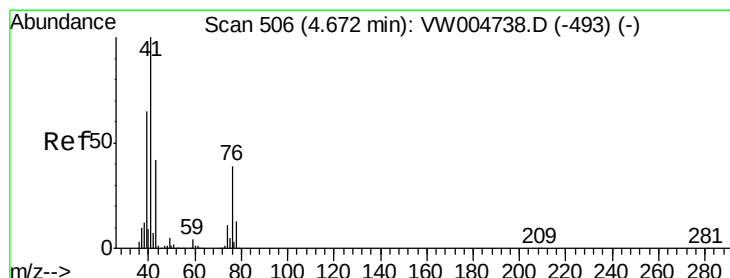
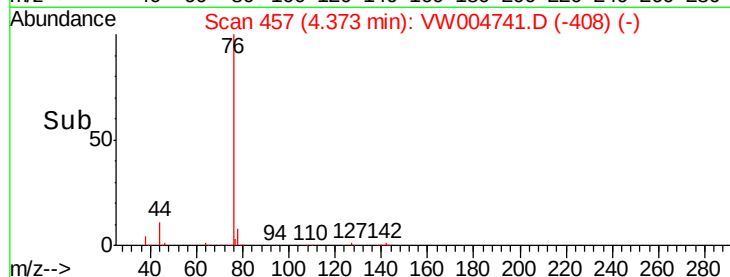
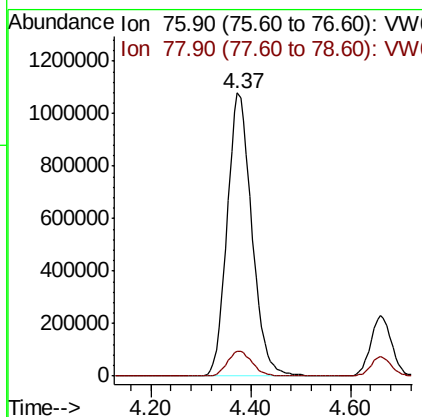
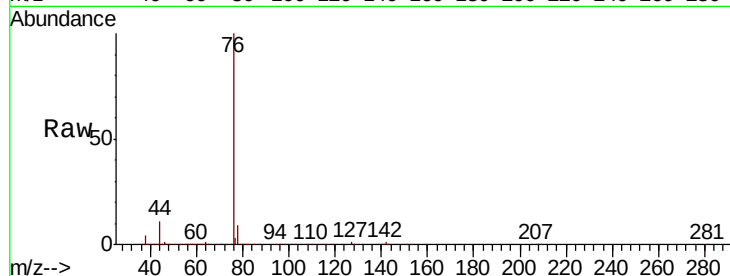
#17
Carbon Disulfide
Concen: 149.44 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 3697836
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

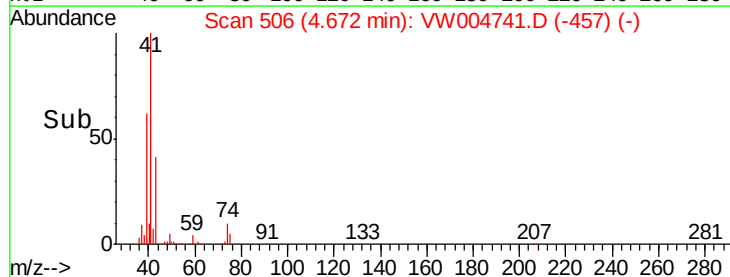
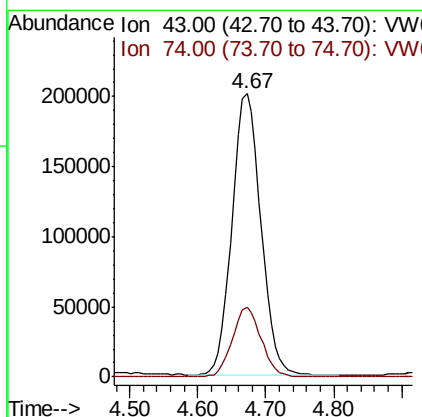
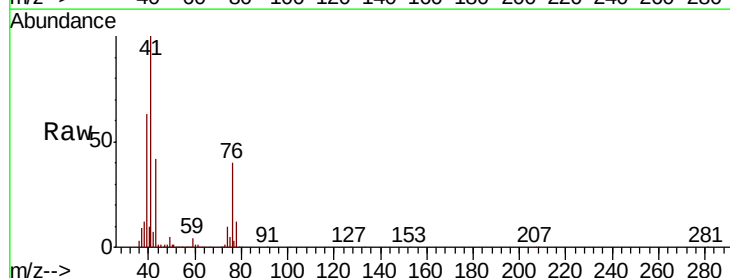
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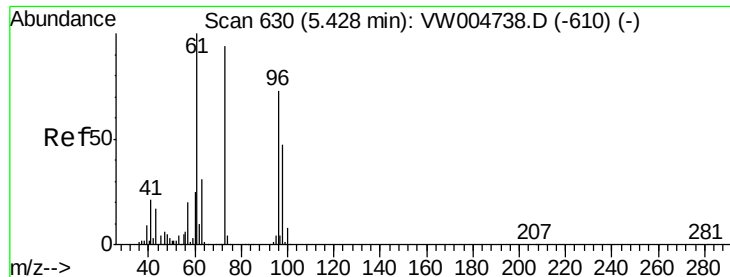
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#18
Methyl Acetate
Concen: 153.93 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 43 Resp: 594858
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8





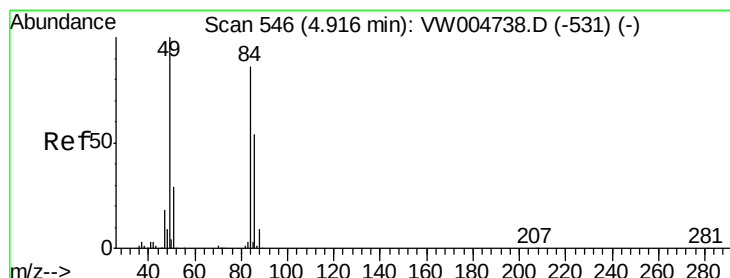
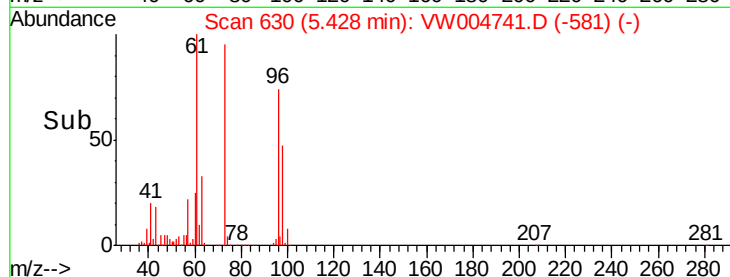
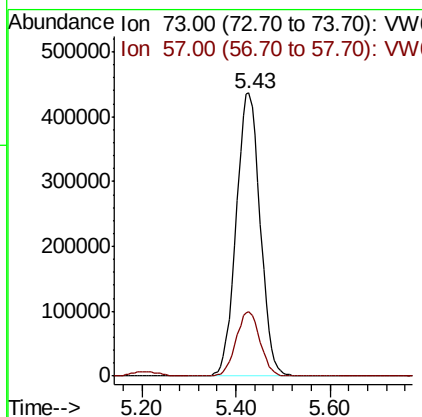
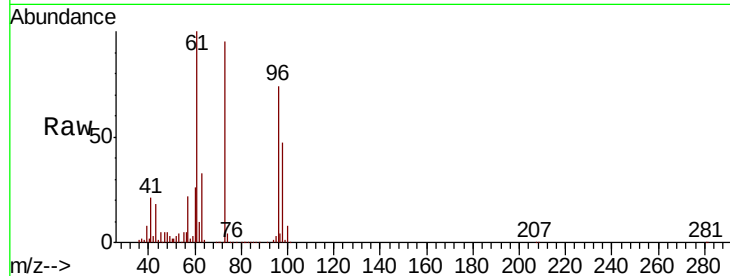
#19
Methyl tert-butyl Ether
Concen: 157.11 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1535635
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9

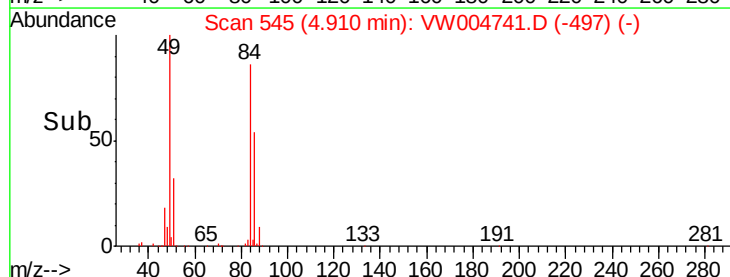
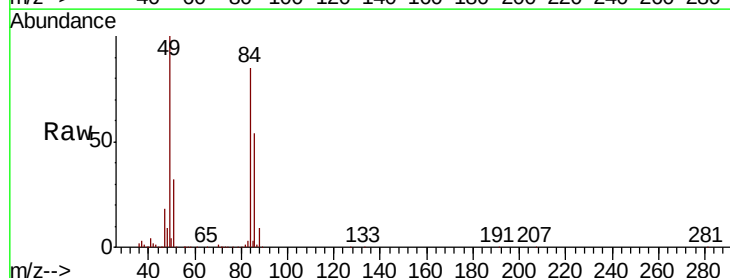
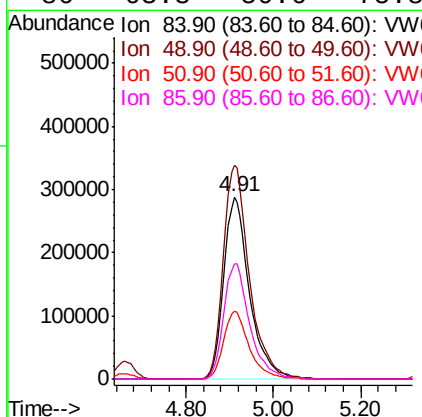
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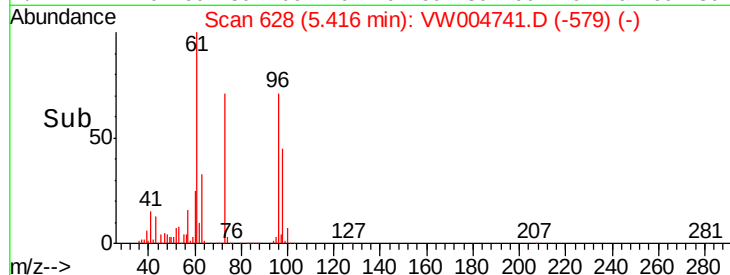
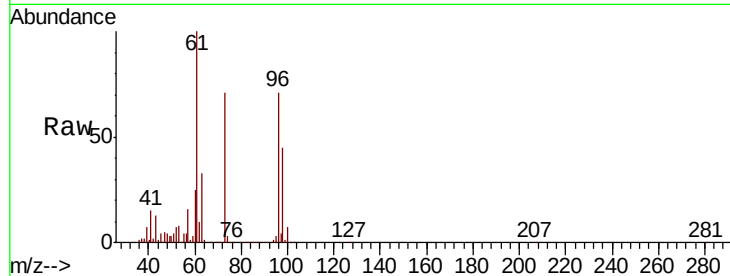
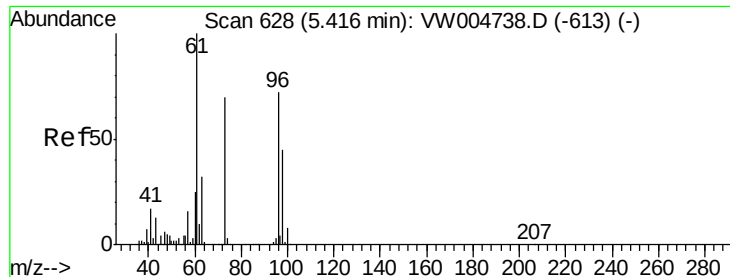
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#20
Methylene Chloride
Concen: 118.55 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 84 Resp: 1166784
Ion Ratio Lower Upper
84 100
49 117.1 93.2 139.8
51 37.2 27.4 41.0
86 63.3 50.6 75.8





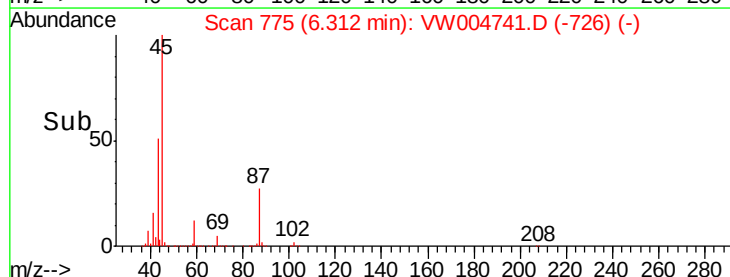
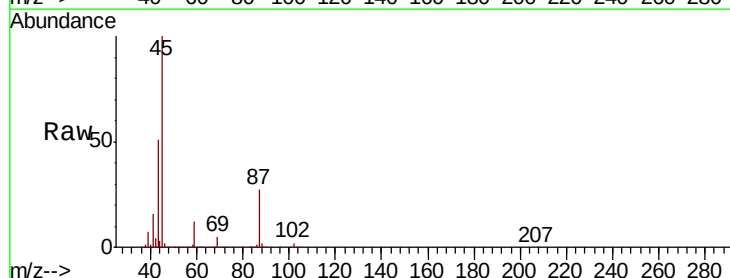
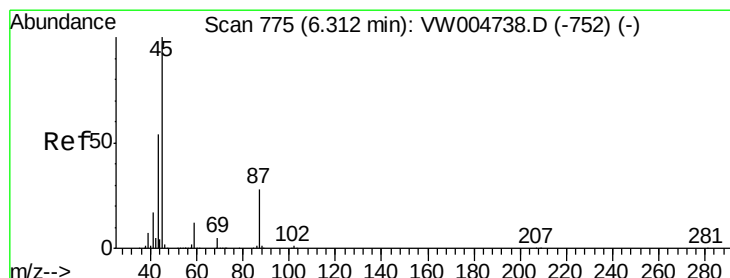
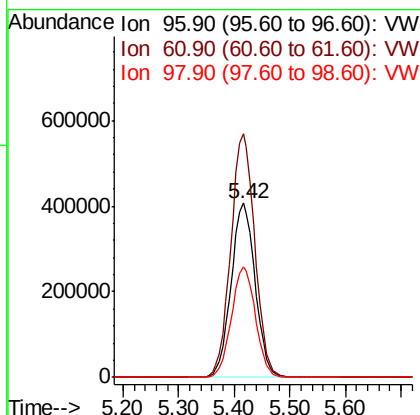
#21
trans-1,2-Dichloroethene
Concen: 151.29 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tot Ion: 96 Resp: 1212088
Ion Ratio Lower Upper
96 100
61 139.9 111.4 167.0
98 63.5 49.7 74.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

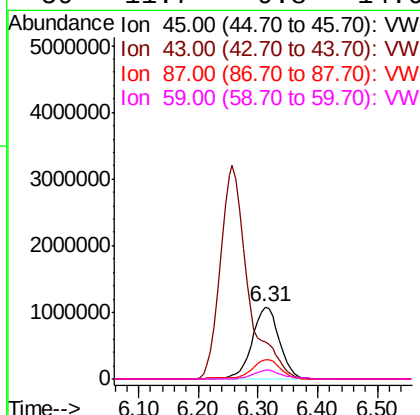
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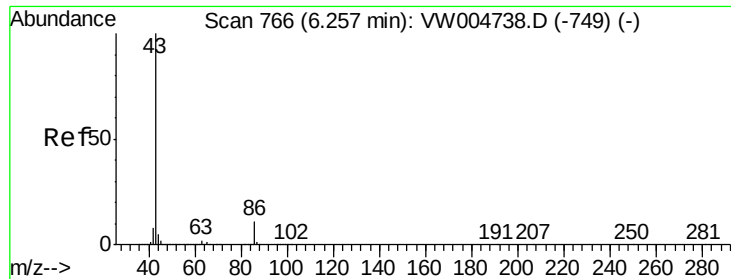
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#22
Diisopropyl ether
Concen: 156.26 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 45 Resp: 3431971
Ion Ratio Lower Upper
45 100
43 51.1 43.0 64.6
87 27.3 22.2 33.4
59 11.7 9.8 14.6





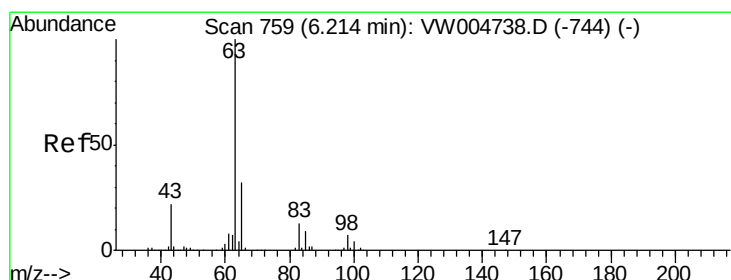
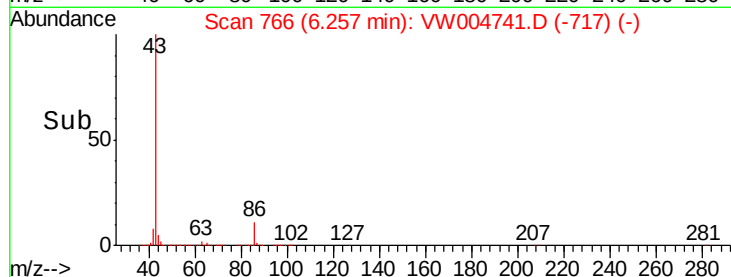
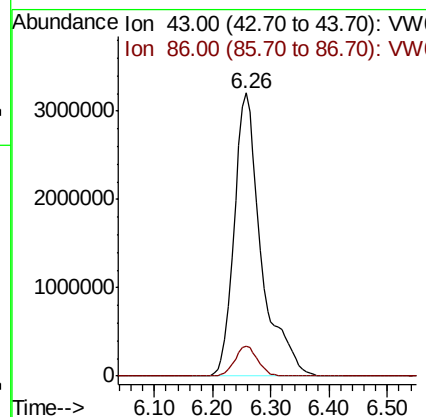
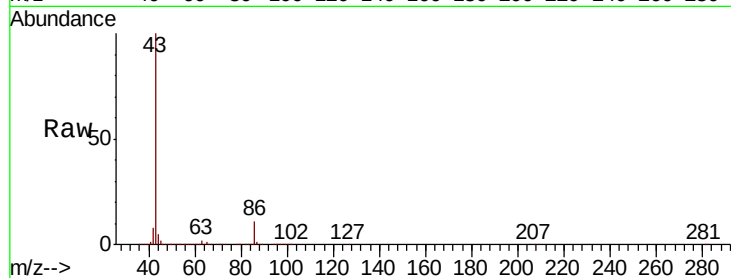
#23
 Vinyl Acetate
 Concen: 831.78 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 10333240
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7

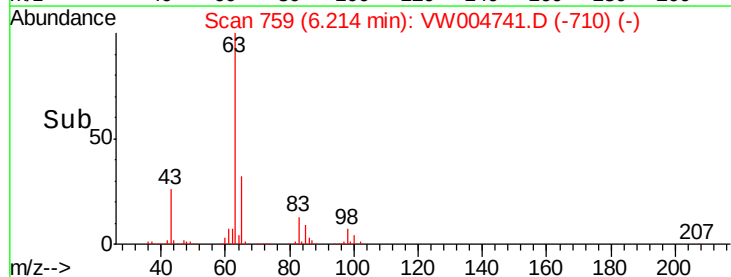
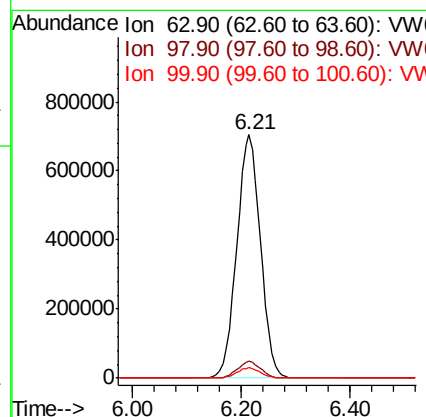
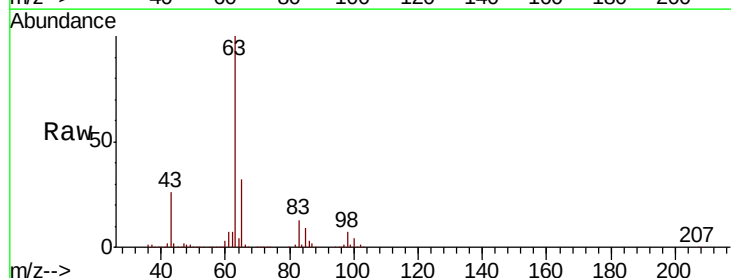
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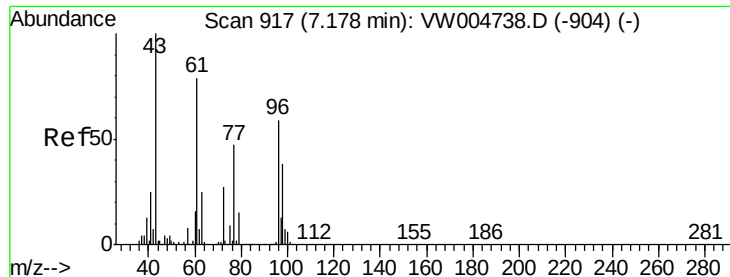
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#24
 1,1-Dichloroethane
 Concen: 149.47 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 63 Resp: 2133296
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 784.01 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 2014401

Ion Ratio Lower Upper

43 100

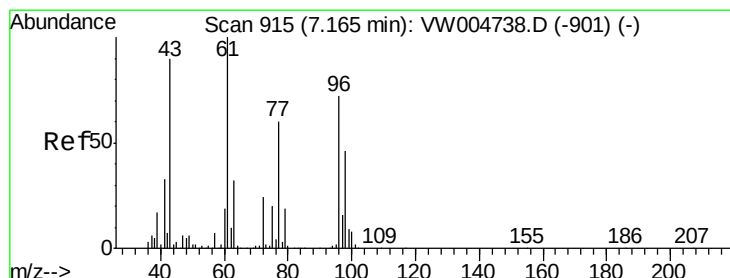
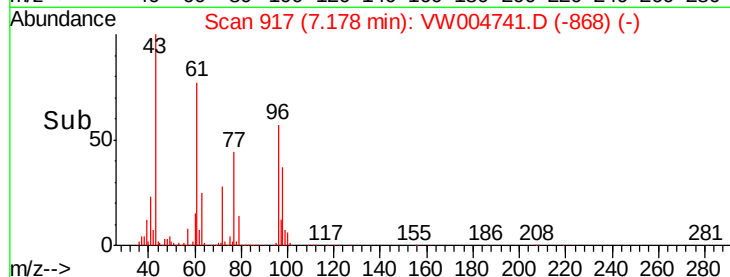
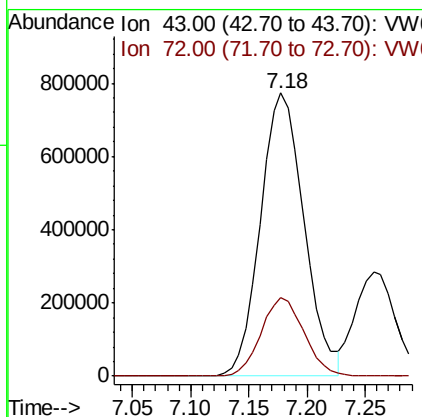
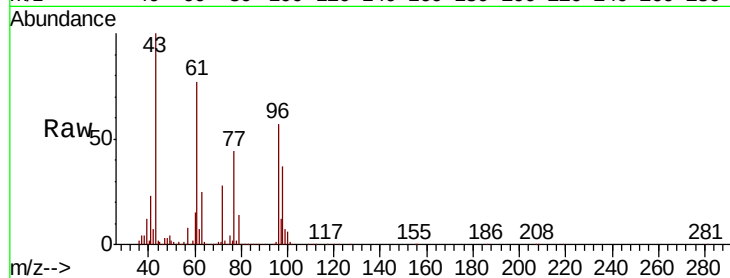
72 27.7 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 138.02 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004741.D

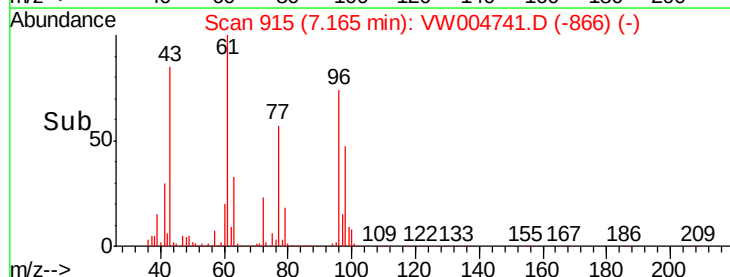
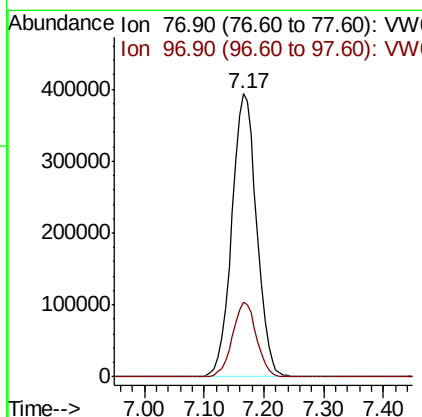
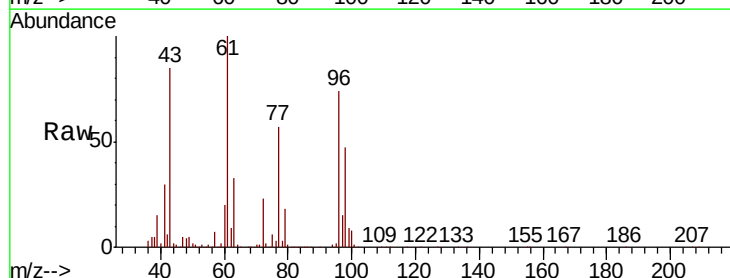
Acq: 17 Aug 2018 18:29

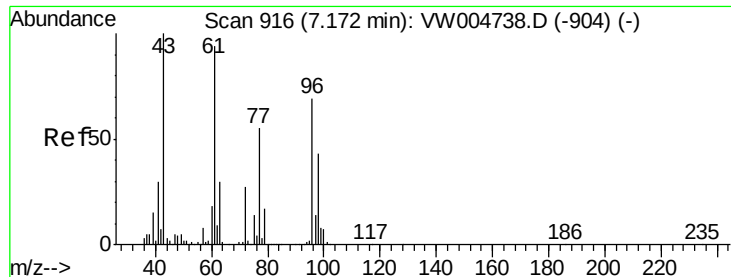
Tgt Ion: 77 Resp: 1137820

Ion Ratio Lower Upper

77 100

97 25.6 12.6 37.8





#27

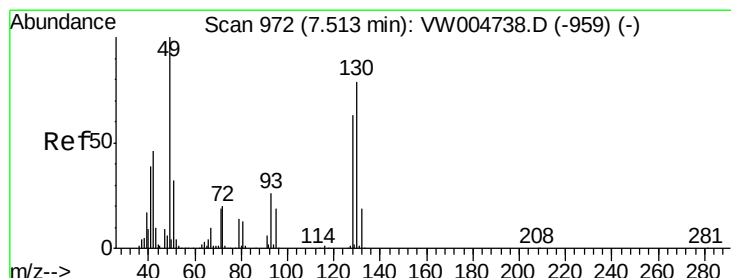
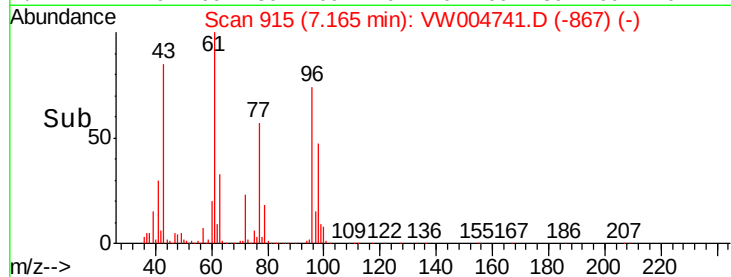
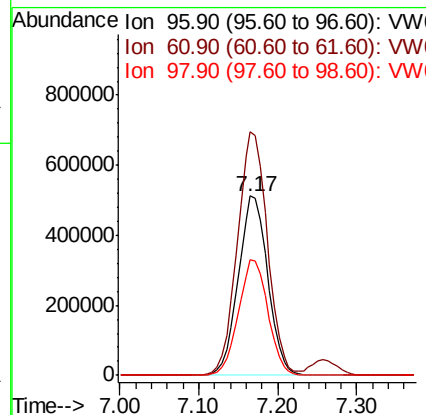
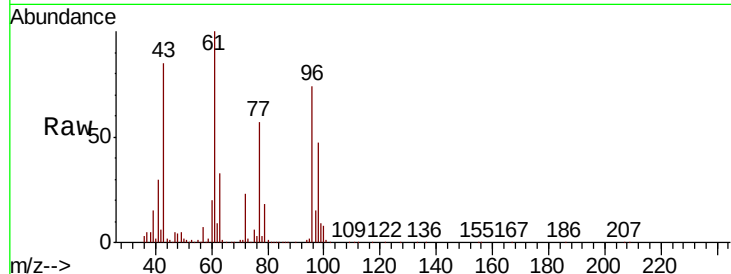
cis-1,2-Dichloroethene
 Concen: 154.36 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	277.6
98	64.5	0.0	127.4

Manual Integrations
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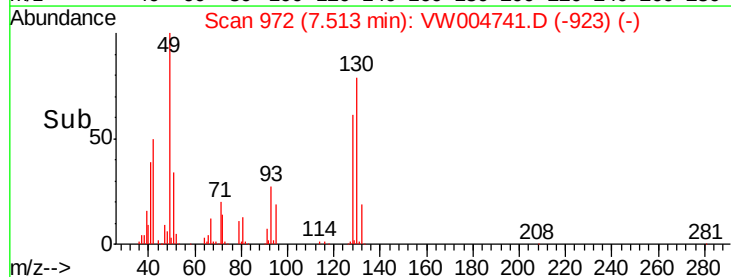
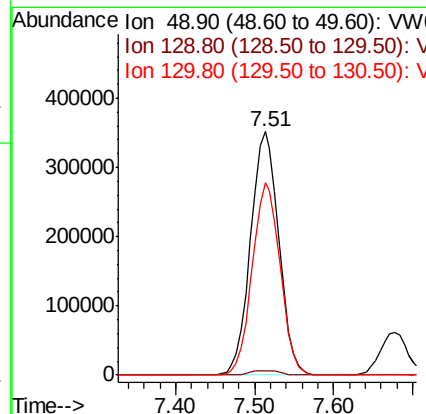
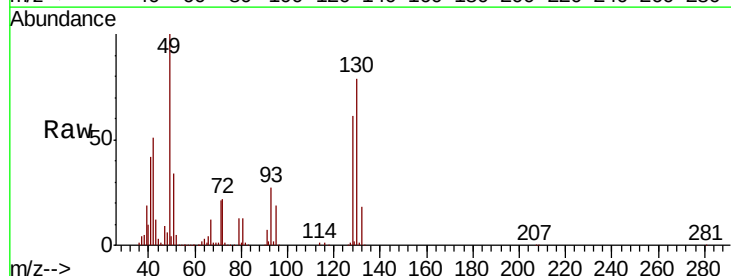
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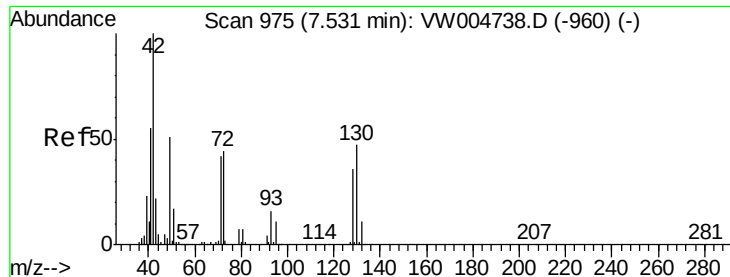


#28

Bromochloromethane
 Concen: 145.66 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	78.0	63.7	95.5





#29

Tetrahydrofuran

Concen: 813.88 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

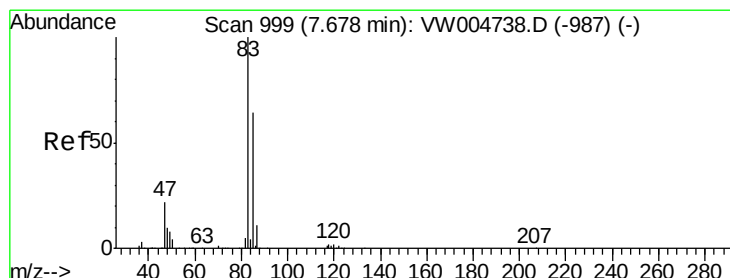
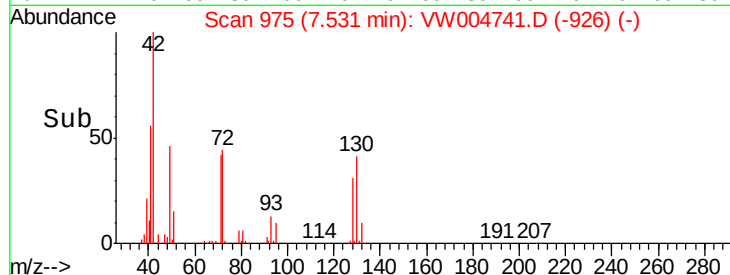
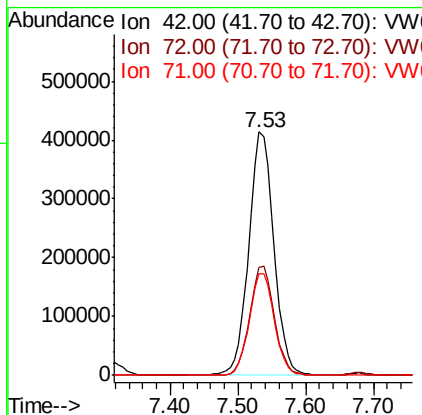
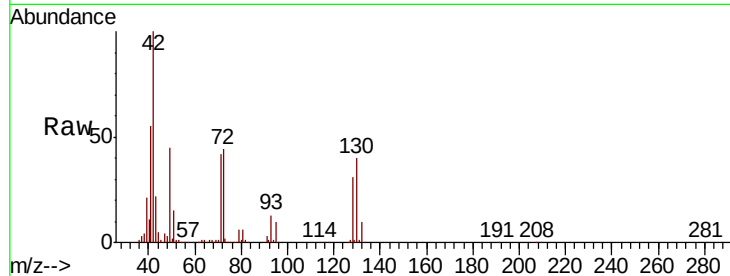
ClientSampled :

VSTDIC150

Tot Ion:	42	Resp:	1066326
Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.9	52.3
71	41.7	33.8	50.6

Manual Integrations
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#30

Chloroform

Concen: 147.57 ug/l

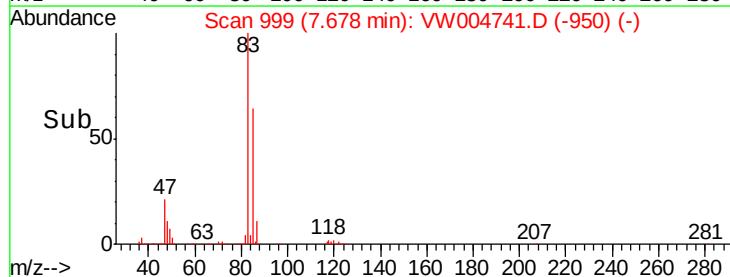
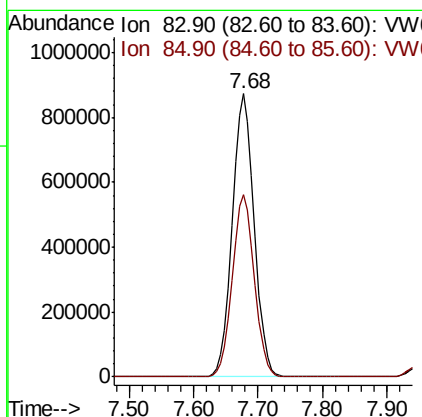
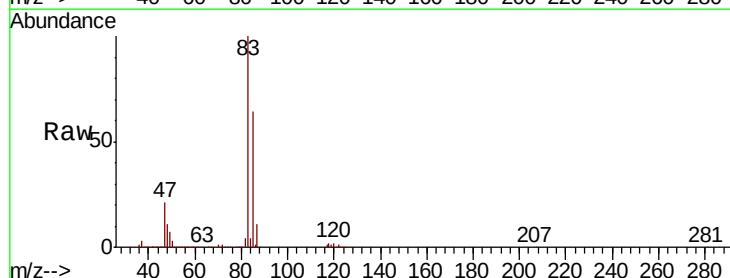
RT: 7.68 min Scan# 999

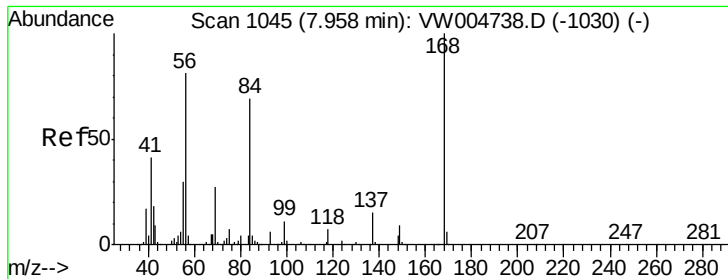
Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Tgt Ion:	83	Resp:	2071484
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6





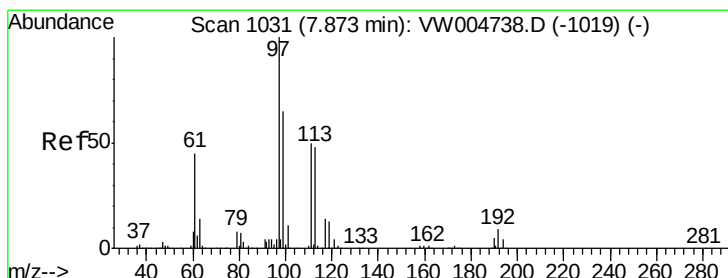
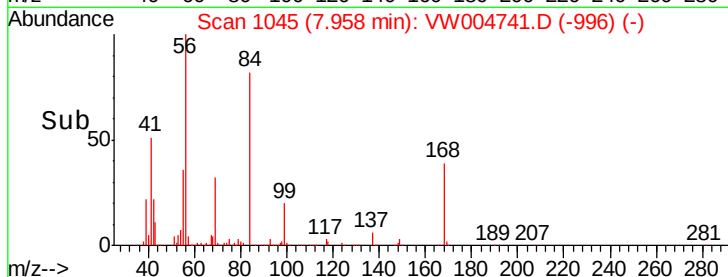
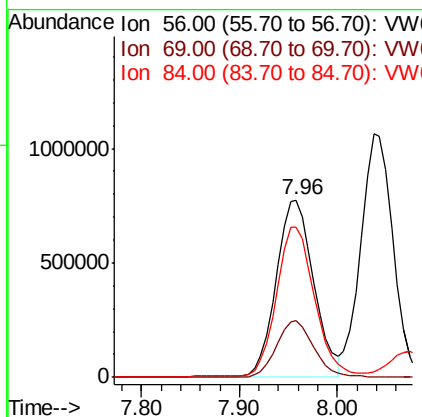
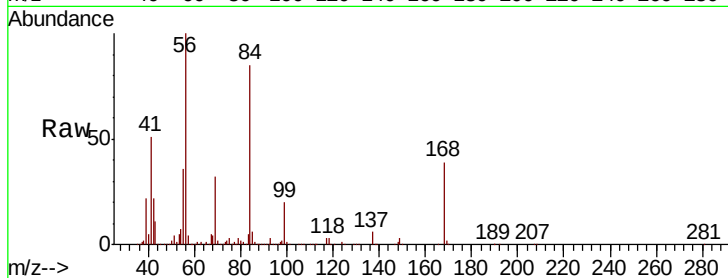
#31
Cyclohexane
Concen: 150.67 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	27.1	40.7
84	84.5	68.3	102.5

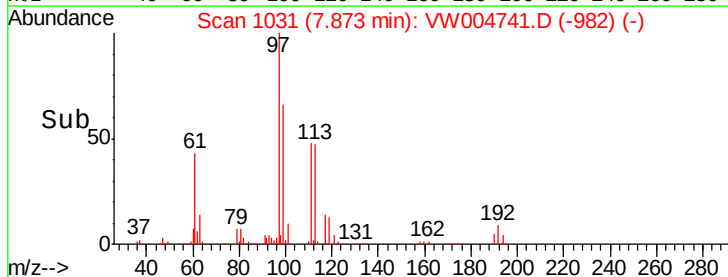
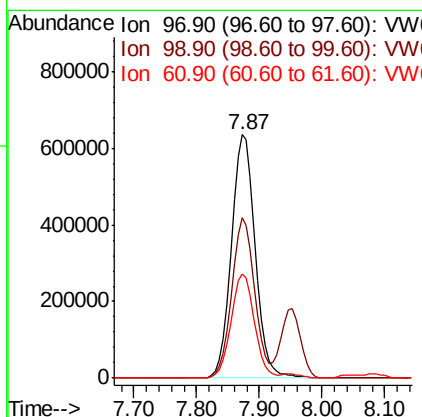
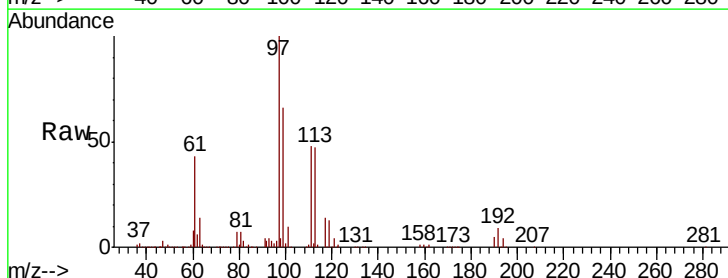
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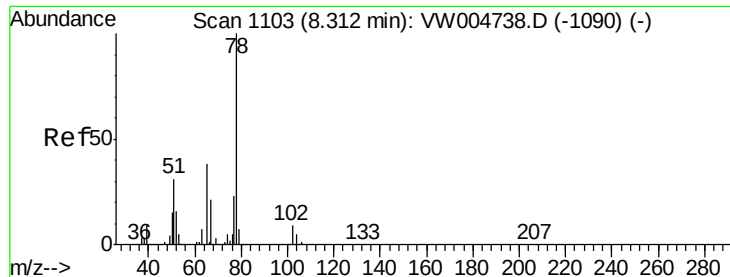
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#32
1,1,1-Trichloroethane
Concen: 149.24 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.7	77.5
61	42.5	34.4	51.6





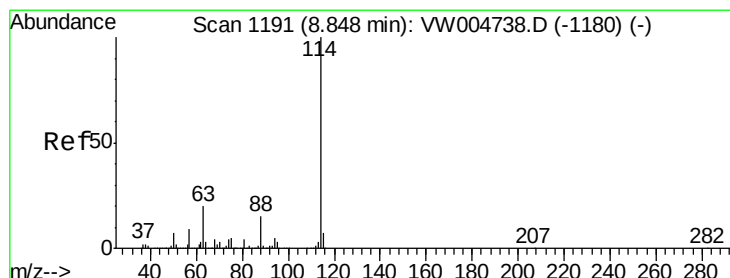
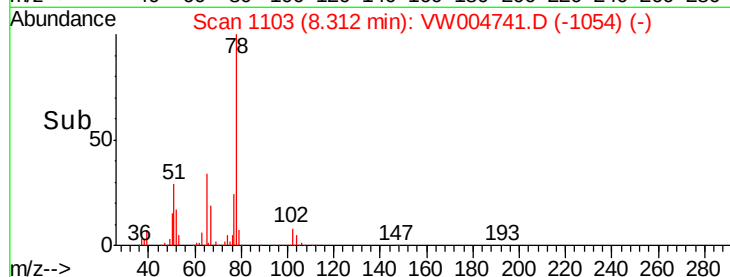
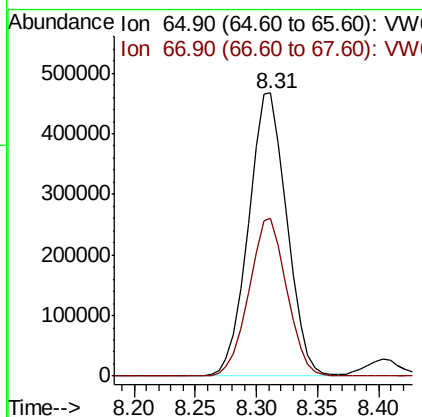
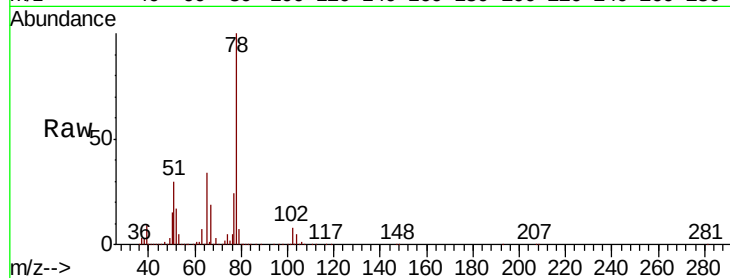
#33
 1,2-Dichloroethane-d4
 Concen: 144.21 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.4

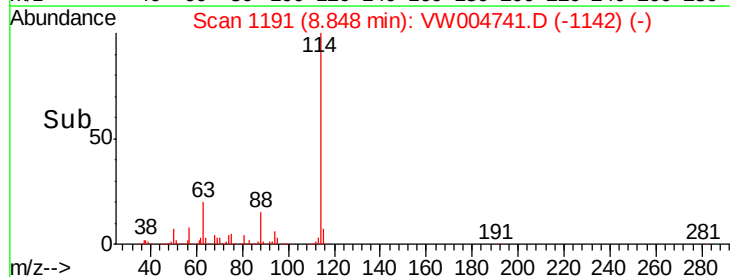
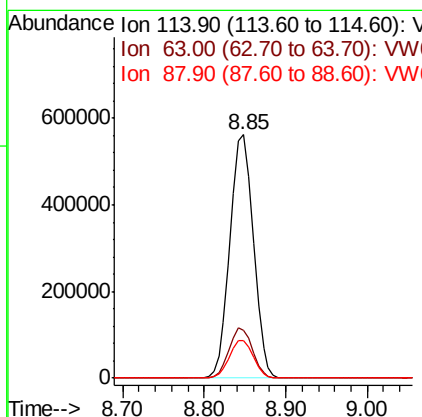
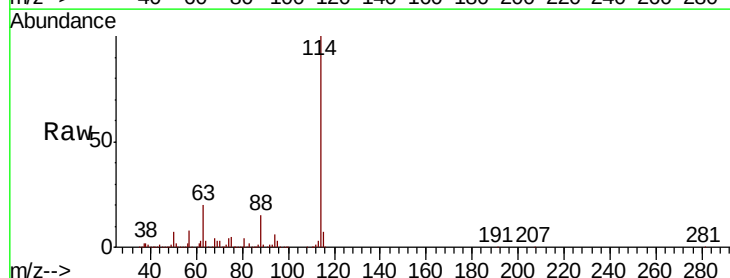
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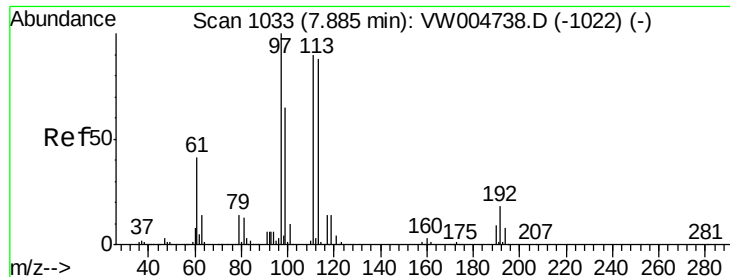
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.4	0.0	30.0





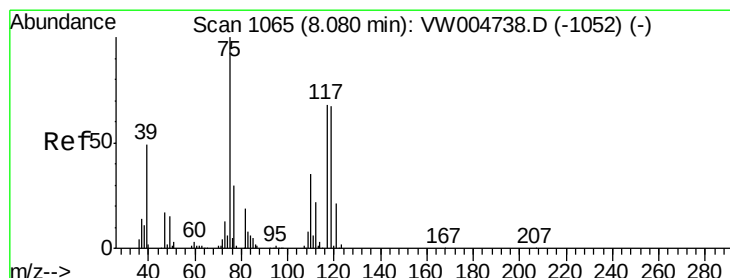
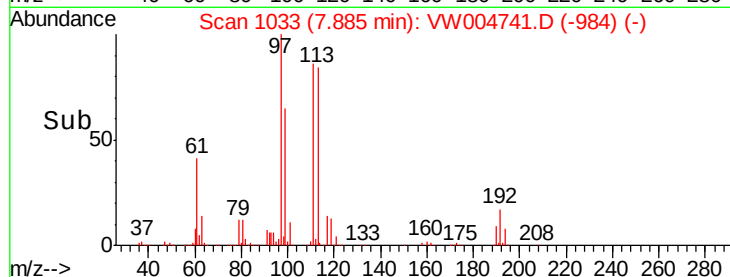
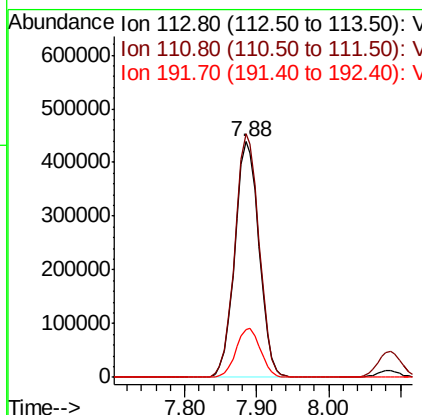
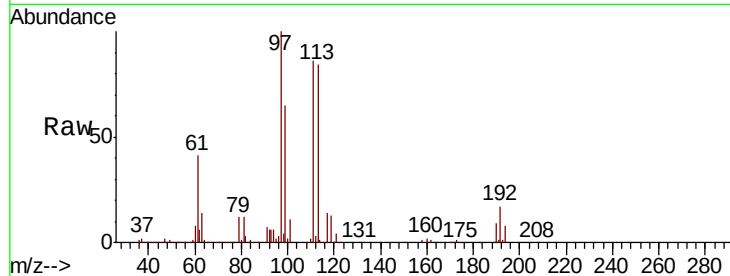
#35
 Dibromofluoromethane
 Concen: 143.39 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	21.1	16.7	25.1

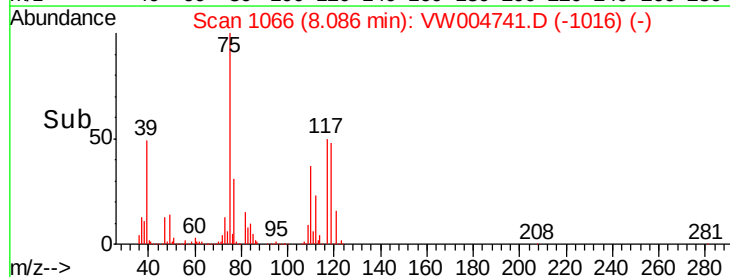
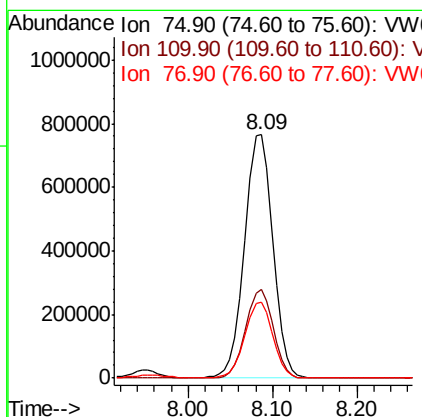
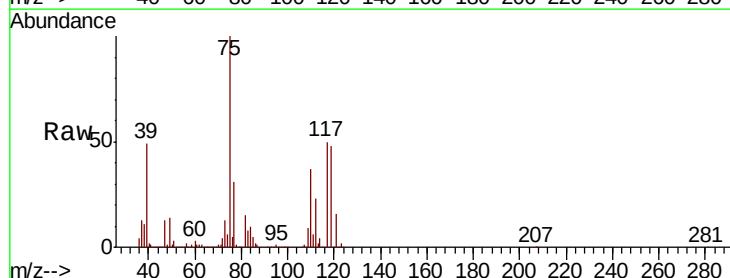
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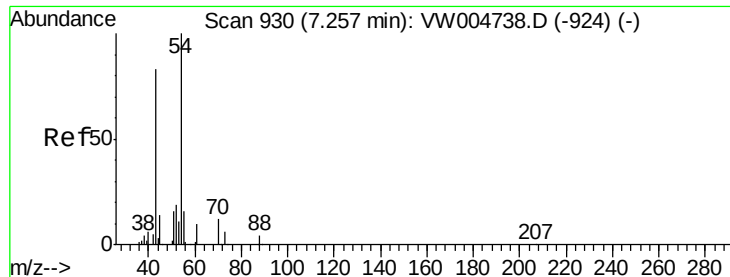
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#36
 1,1-Dichloropropene
 Concen: 151.15 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.8	53.5
77	31.0	24.9	37.3





#37

Ethyl Acetate

Concen: 152.77 ug/l

RT: 7.26 min Scan# 930

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

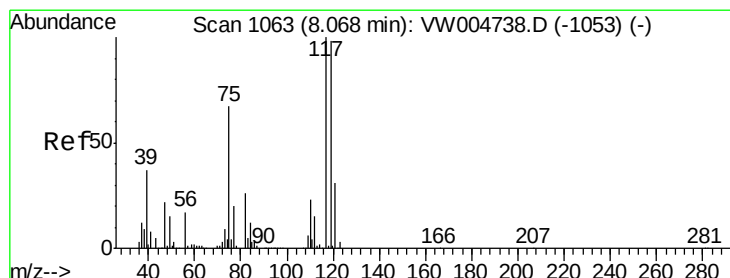
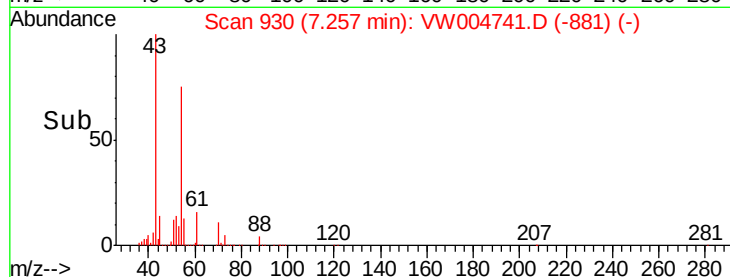
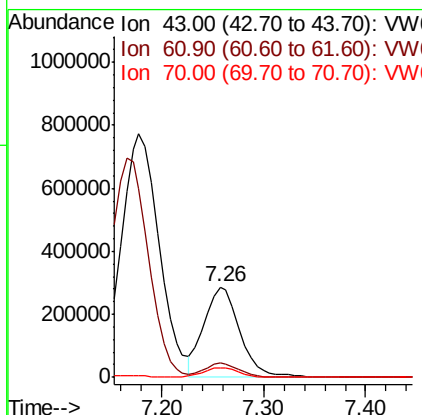
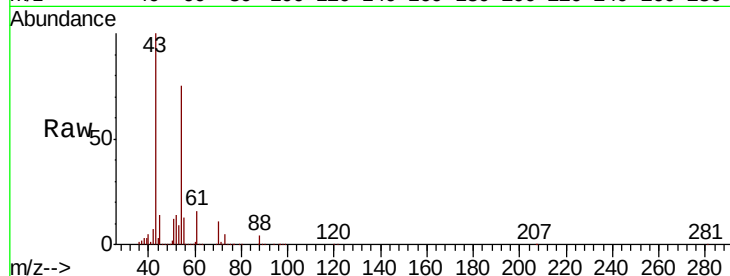
ClientSampled :

VSTDIC150

Tot Ion:	43	Resp:	700216
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.6	17.4
70	11.2	9.2	13.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 150.11 ug/l

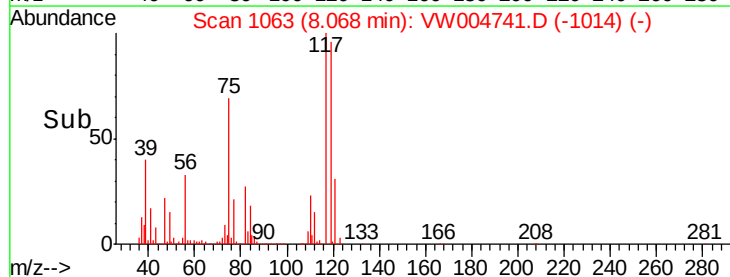
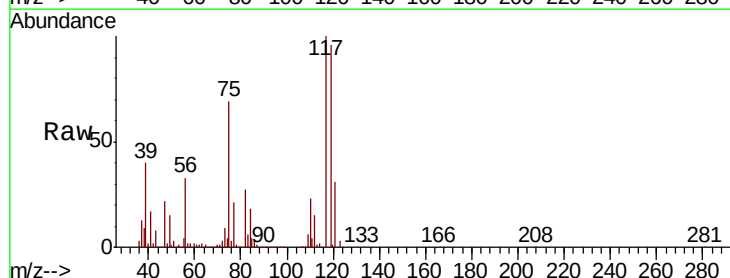
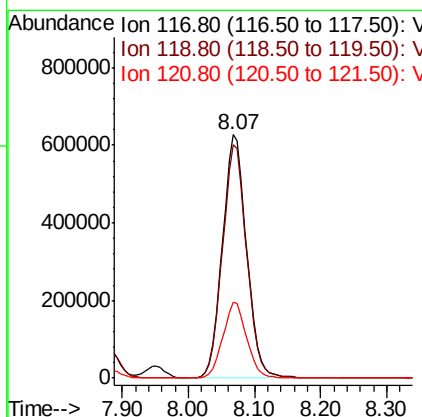
RT: 8.07 min Scan# 1063

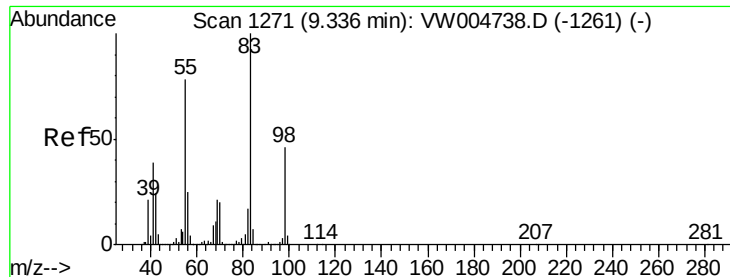
Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Tgt Ion:	117	Resp:	1588749
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.0	117.0
121	31.1	24.8	37.2





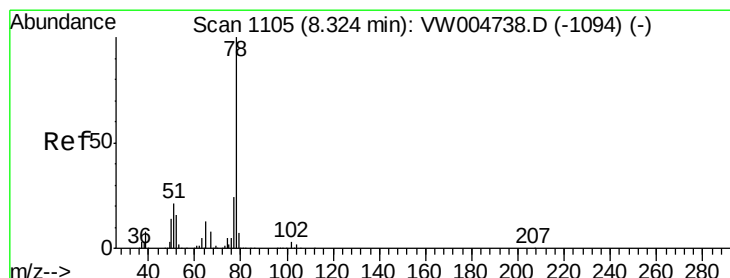
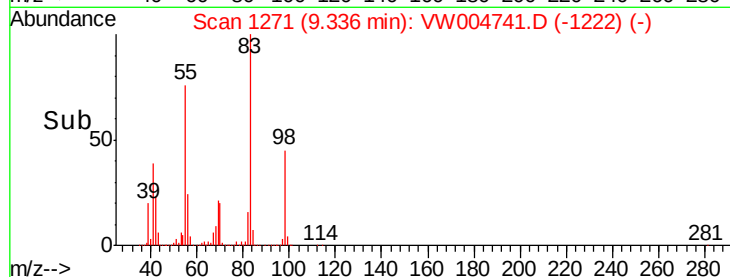
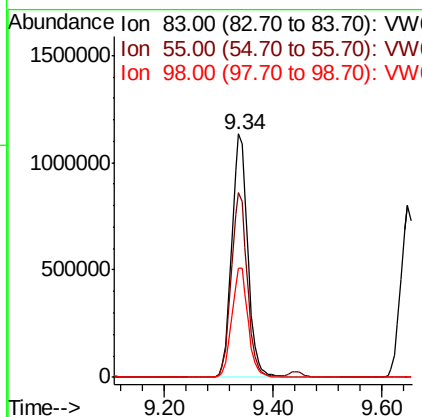
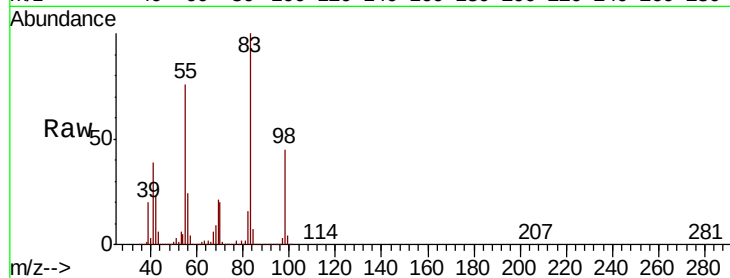
#39
Methylvlcyclohexane
Concen: 162.93 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	62.4	93.6
98	45.1	36.5	54.7

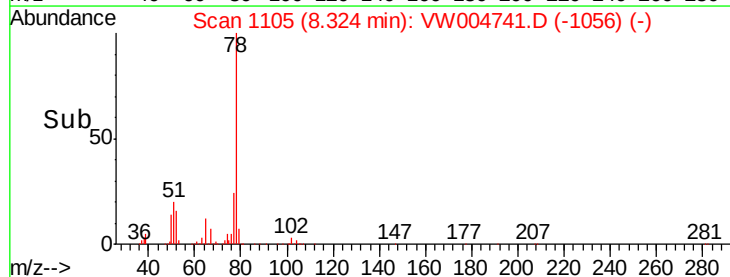
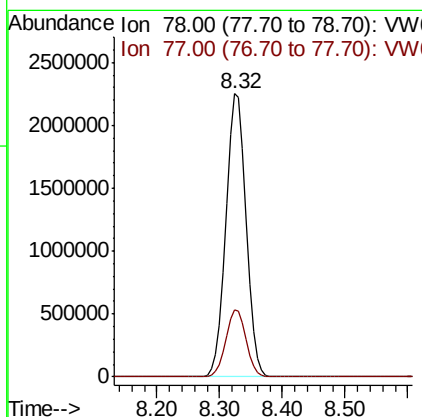
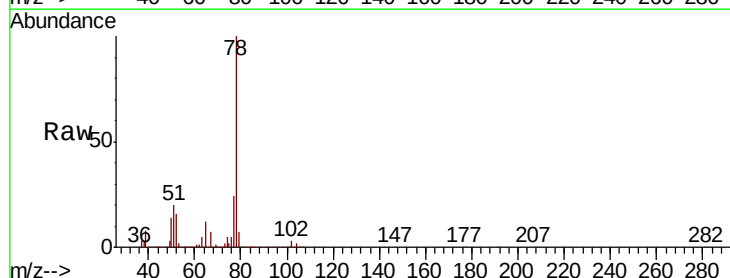
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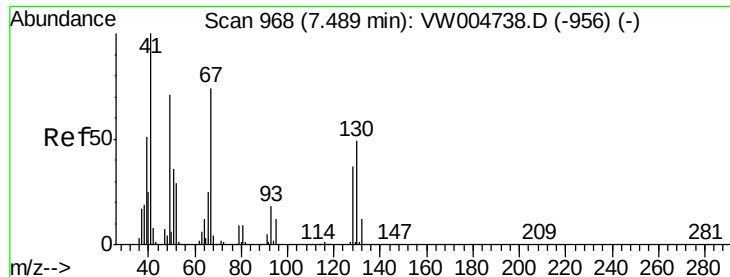
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#40
Benzene
Concen: 149.92 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





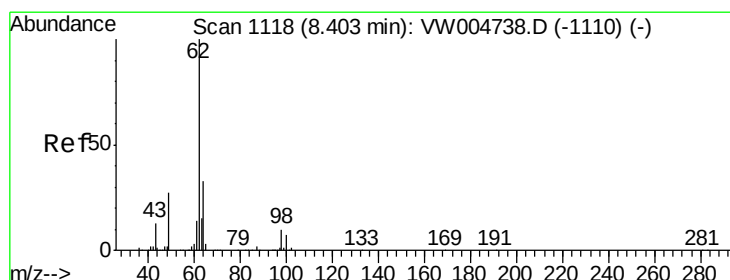
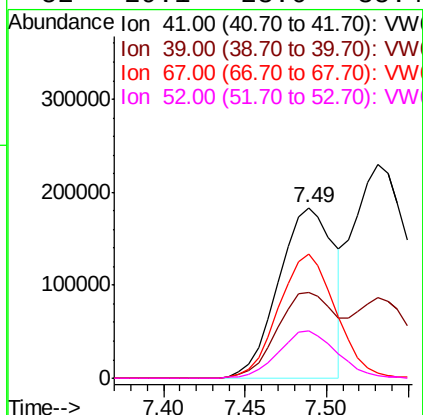
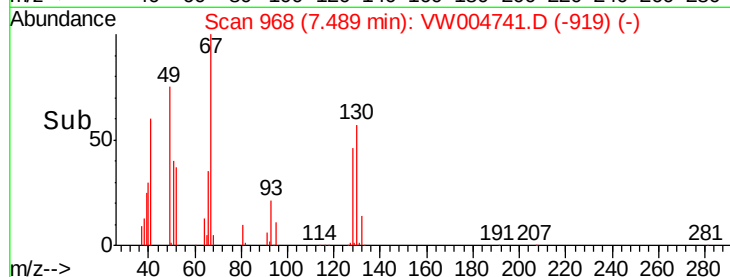
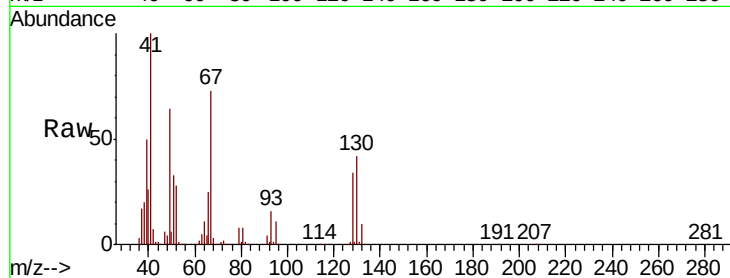
#41
Methacrylonitrile
Concen: 166.57 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		433276		
39	51.1	41.0	61.4		
67	75.2	59.5	89.3		
52	29.1	23.6	35.4		

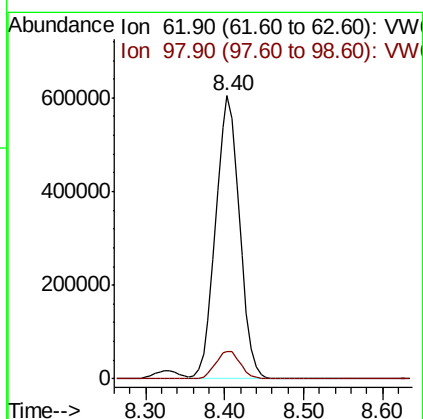
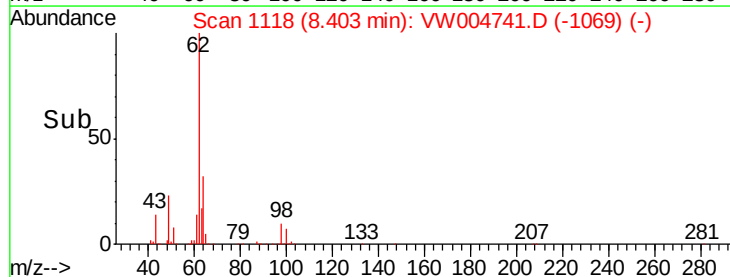
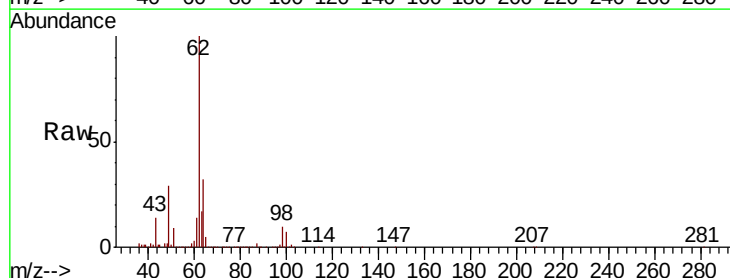
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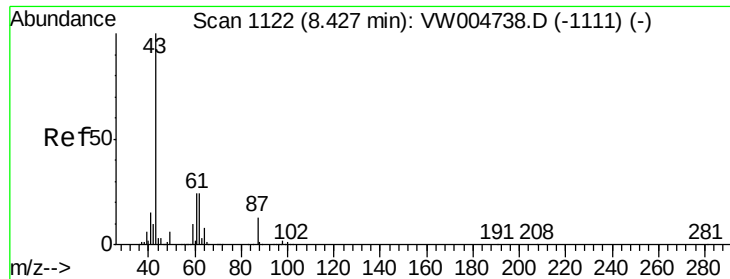
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#42
1,2-Dichloroethane
Concen: 148.65 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		1273725		
98	10.1	0.0	20.2		





#43

Isopropyl Acetate

Concen: 166.84 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1373594

Ion Ratio Lower Upper

43 100

61 31.7 26.2 39.4

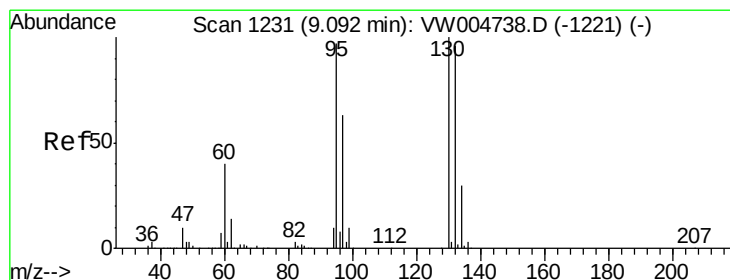
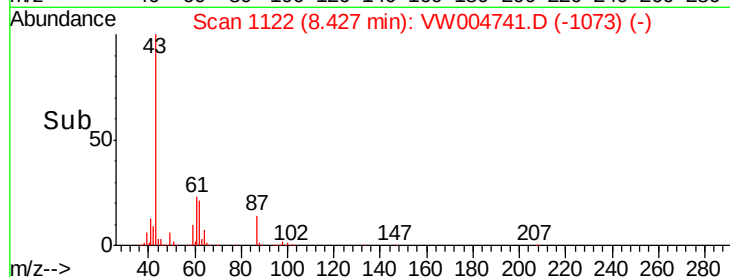
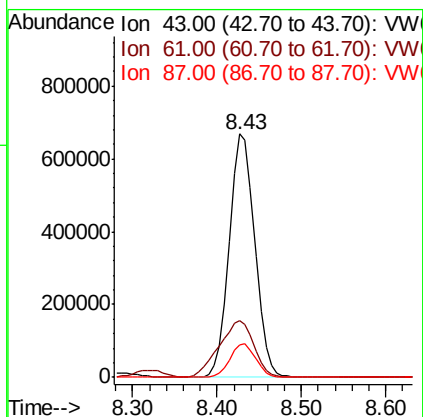
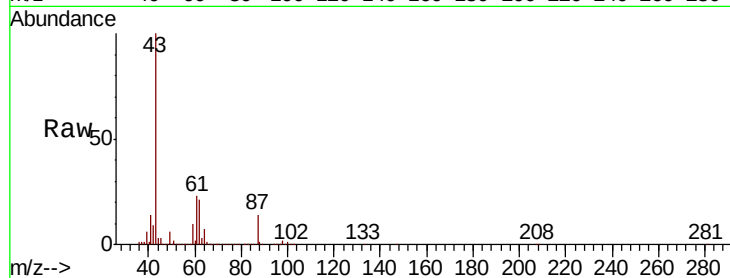
87 13.9 10.9 16.3

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#44

Trichloroethene

Concen: 151.98 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004741.D

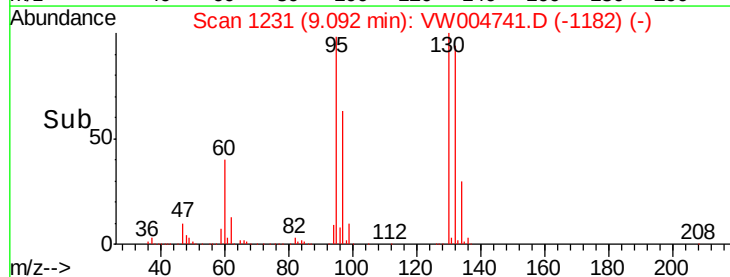
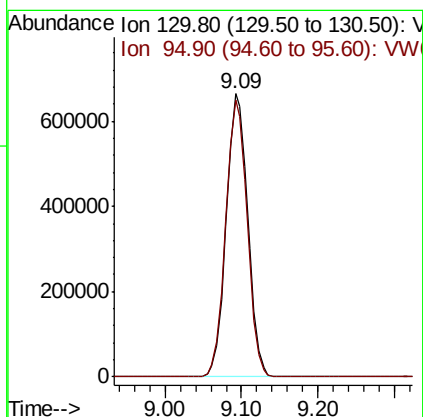
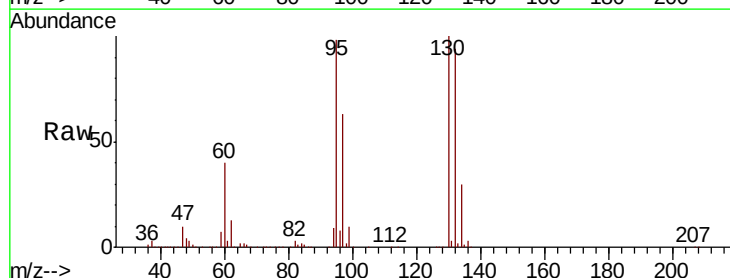
Acq: 17 Aug 2018 18:29

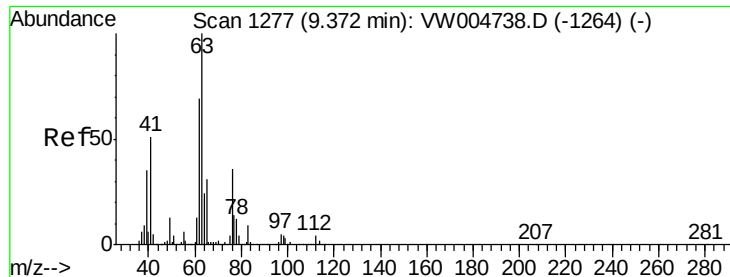
Tgt Ion:130 Resp: 1289110

Ion Ratio Lower Upper

130 100

95 98.0 0.0 194.4





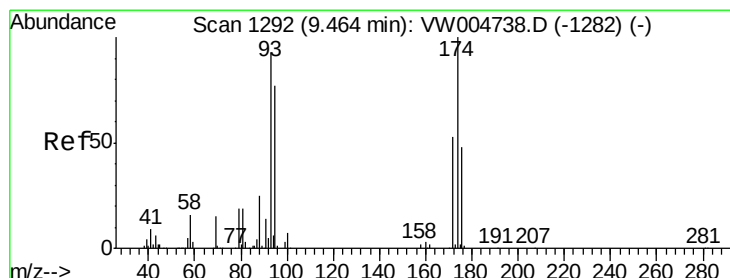
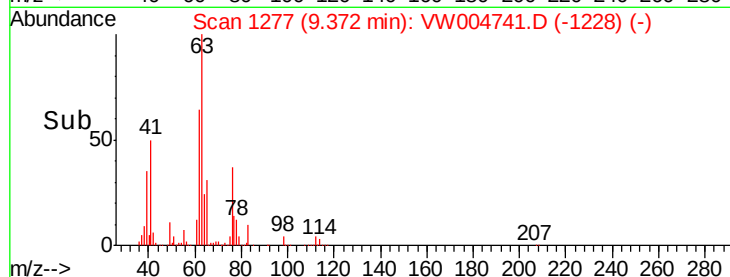
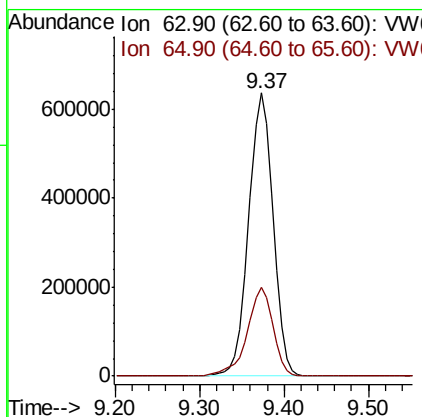
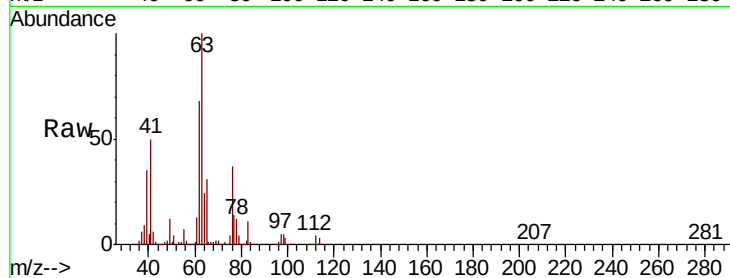
#45
 1,2-Dichloropropane
 Concen: 152.42 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	37.0

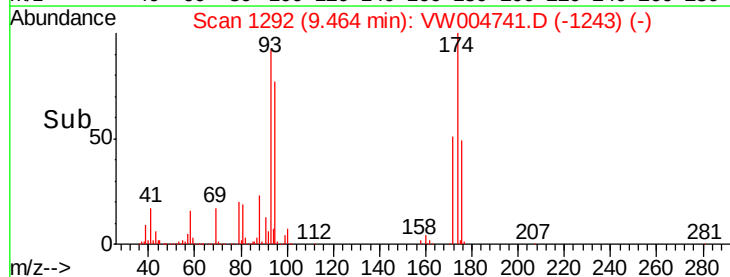
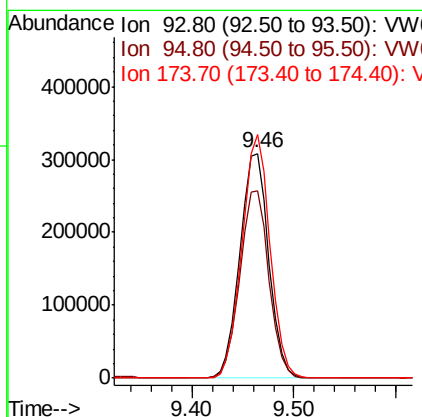
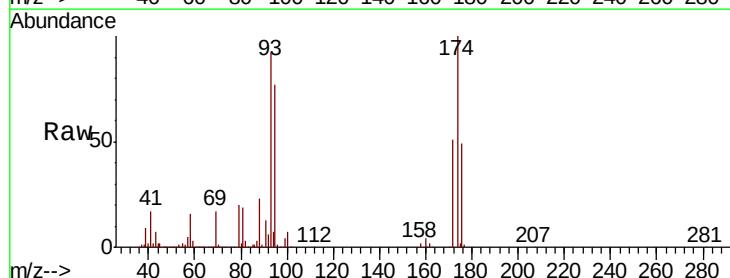
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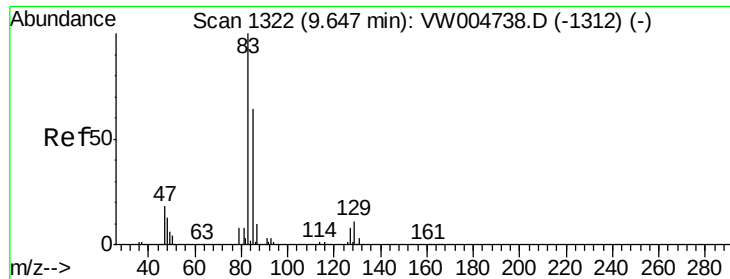
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#46
 Dibromomethane
 Concen: 149.24 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.6	99.8
174	105.7	85.3	127.9





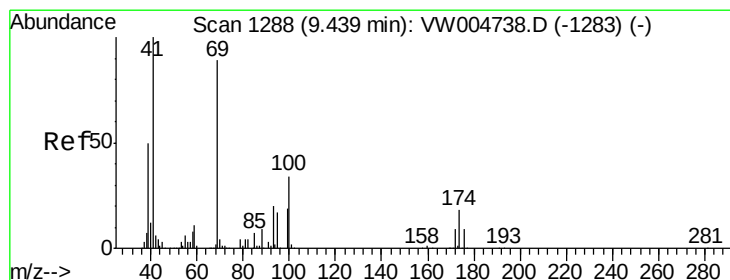
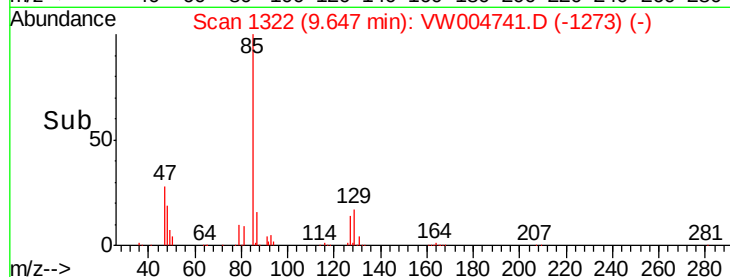
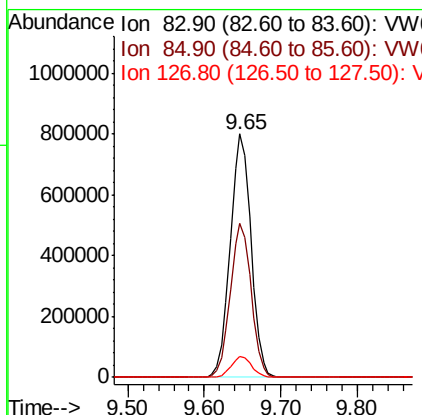
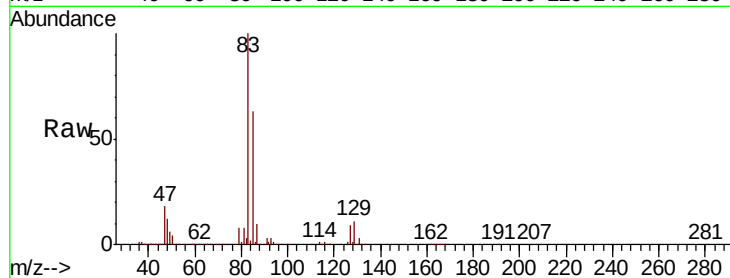
#47
Bromodichloromethane
Concen: 154.97 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	83	Resp	1498642
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.2	76.8
127	8.5	6.7	10.1

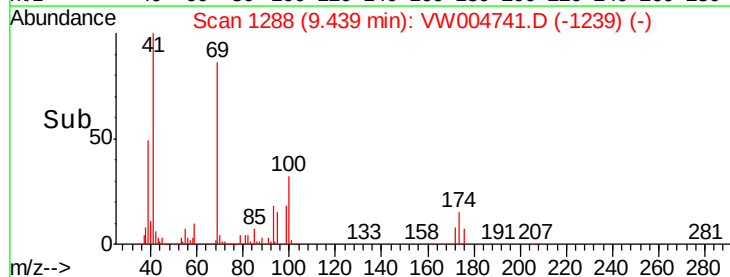
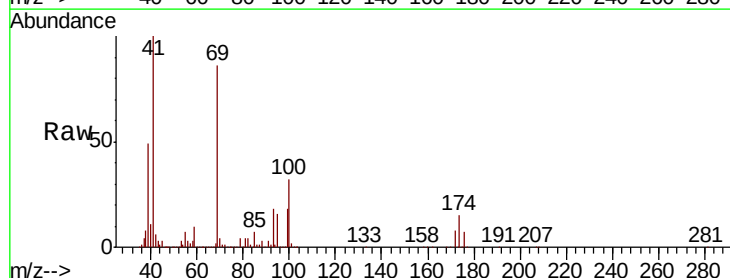
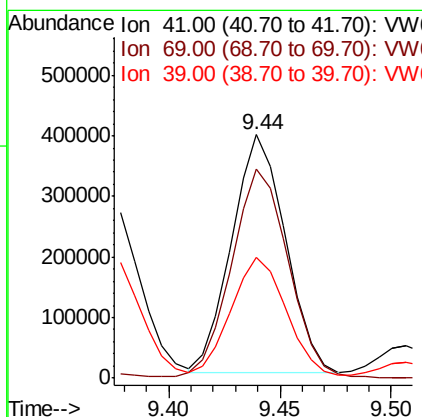
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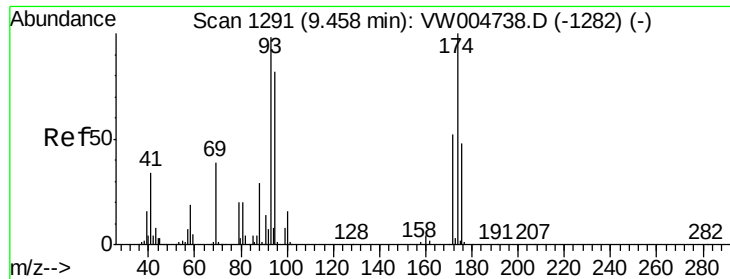
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#48
Methyl methacrylate
Concen: 170.65 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	41	Resp	659244
Ion	Ratio	Lower	Upper
41	100		
69	93.6	75.2	112.8
39	50.0	39.8	59.6





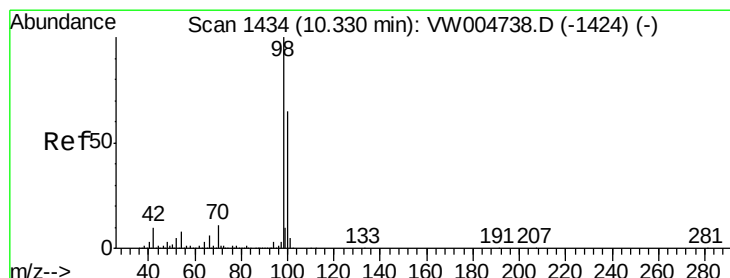
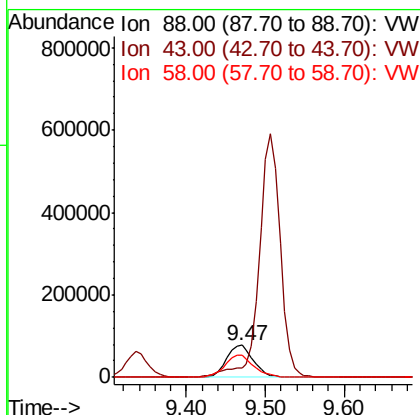
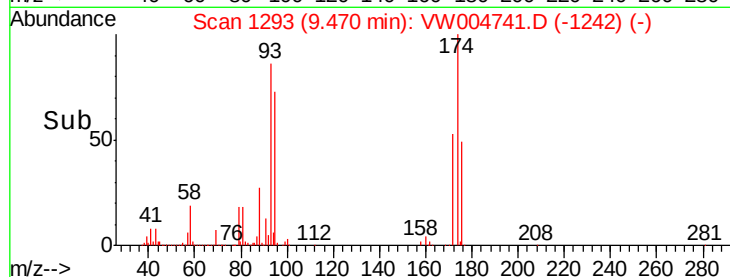
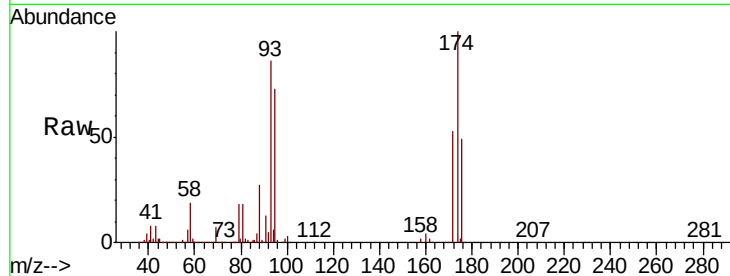
#49
1,4-Dioxane
Concen: 3136.04 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.01 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	185529		
43	0.0	22.9	34.3#	
58	74.0	60.0	90.0	

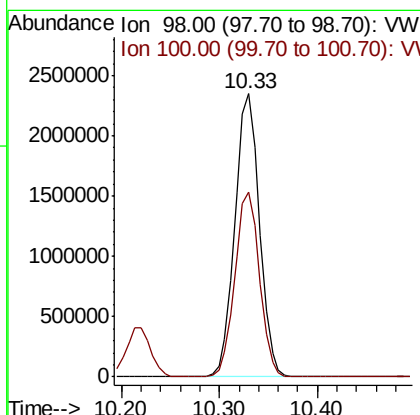
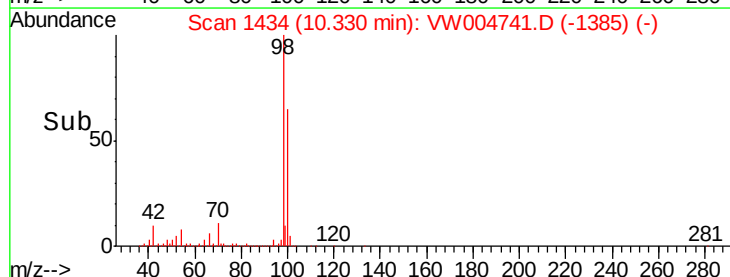
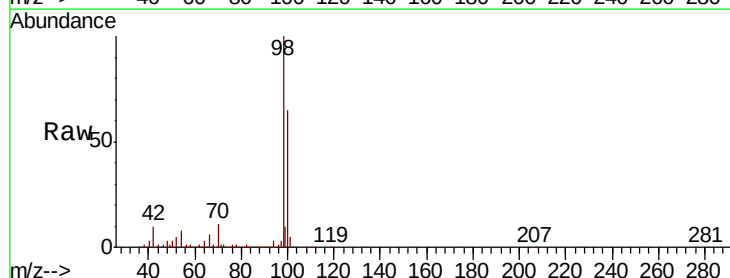
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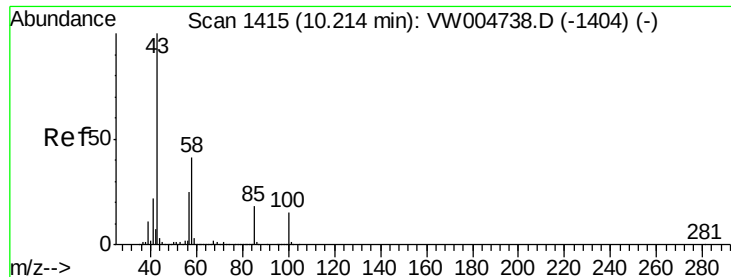
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#50
Toluene-d8
Concen: 147.17 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	4098127		
100	65.2	51.8	77.8	





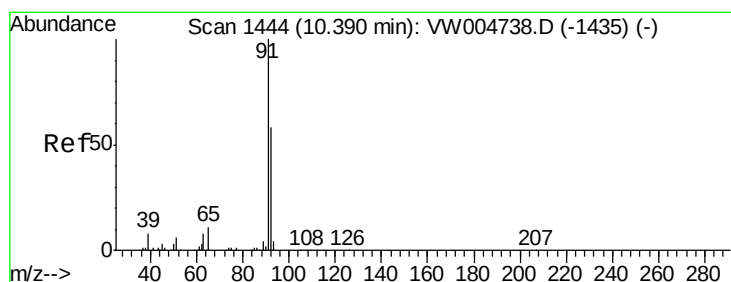
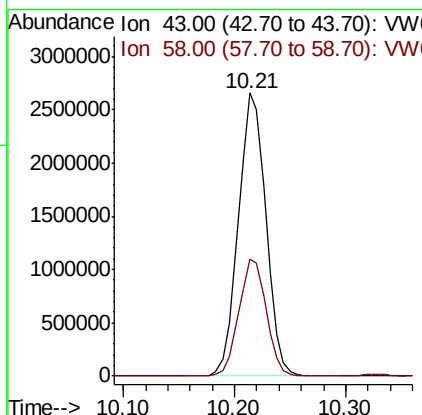
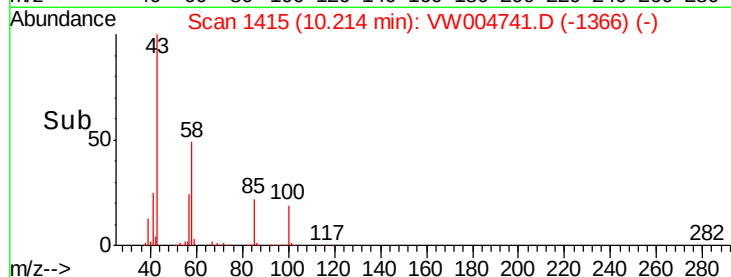
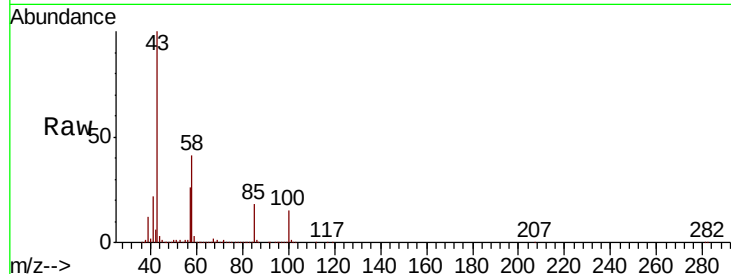
#51
4-Methyl-2-Pentanone
Concen: 816.37 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 4542381
Ion Ratio Lower Upper
43 100
58 41.1 32.7 49.1

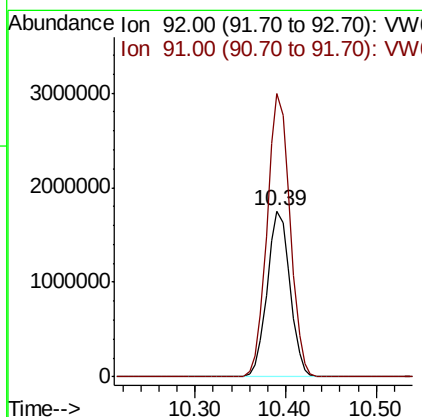
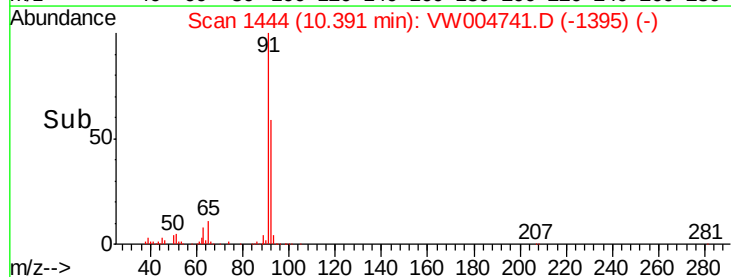
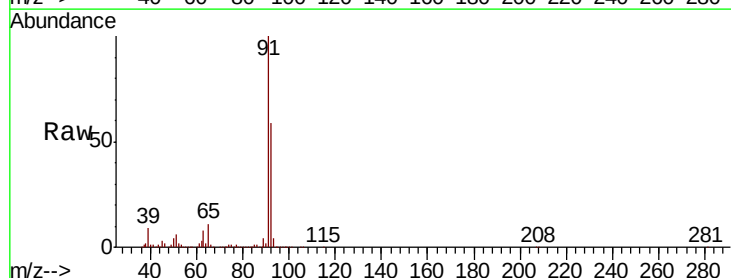
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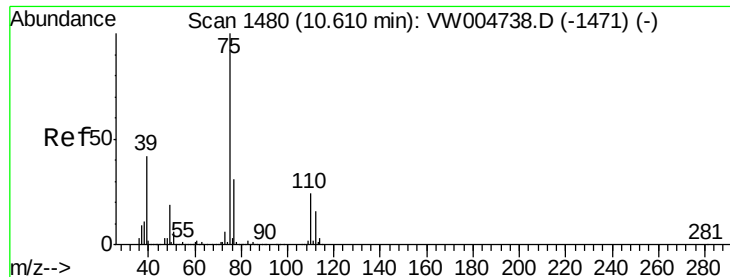
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#52
Toluene
Concen: 152.14 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 92 Resp: 3048979
Ion Ratio Lower Upper
92 100
91 171.6 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 161.53 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 75 Resp: 1573802

Ion Ratio Lower Upper

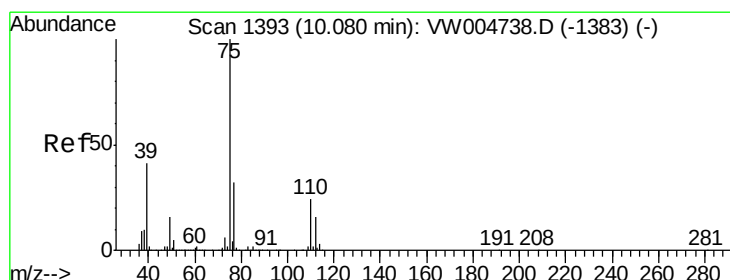
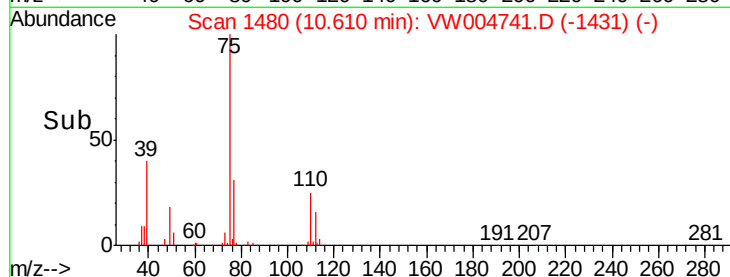
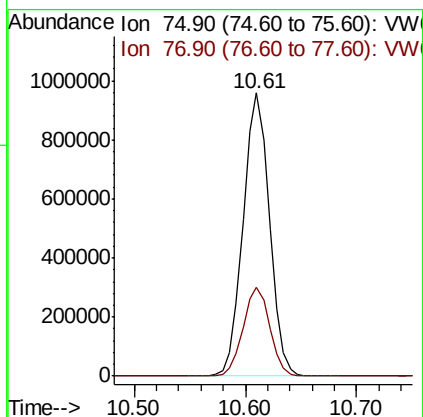
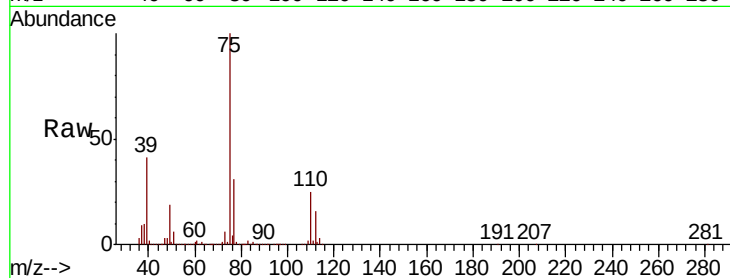
75 100

77 31.4 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 160.99 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

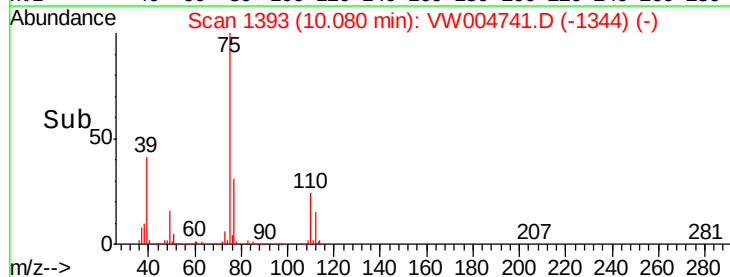
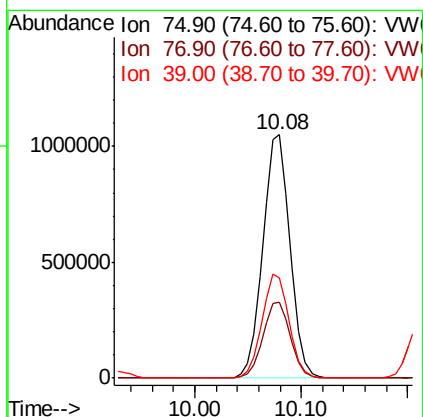
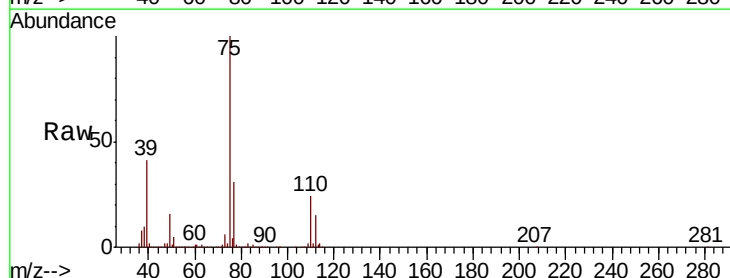
Tgt Ion: 75 Resp: 1869953

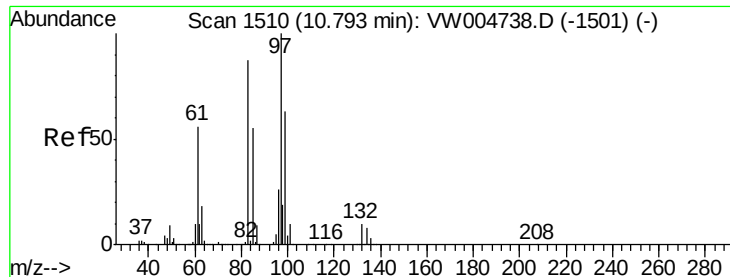
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 41.3 33.0 49.4





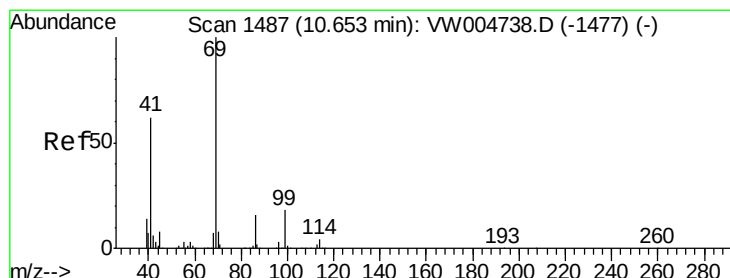
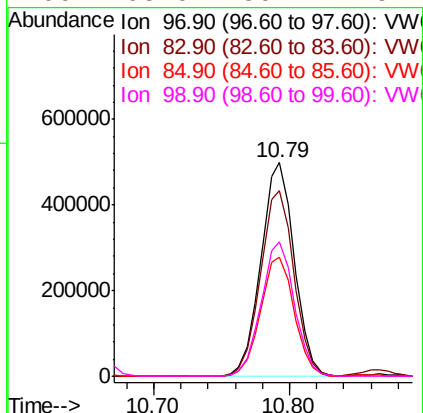
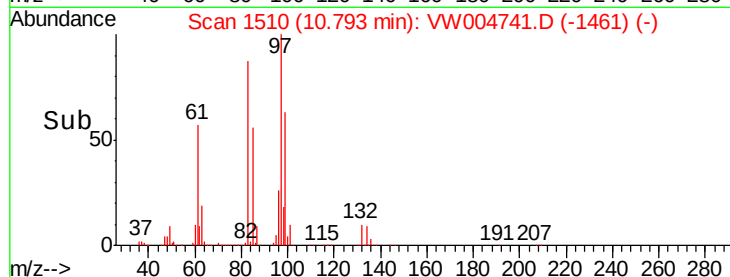
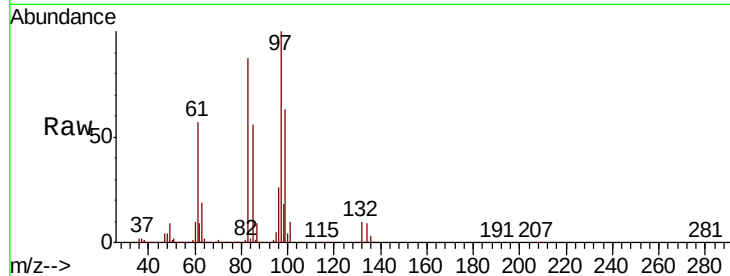
#55
 1,1,2-Trichloroethane
 Concen: 148.98 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	857524
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.4	104.2
85	55.6	44.3	66.5
99	63.0	50.2	75.2

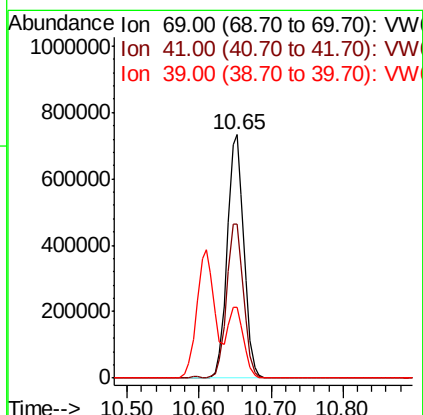
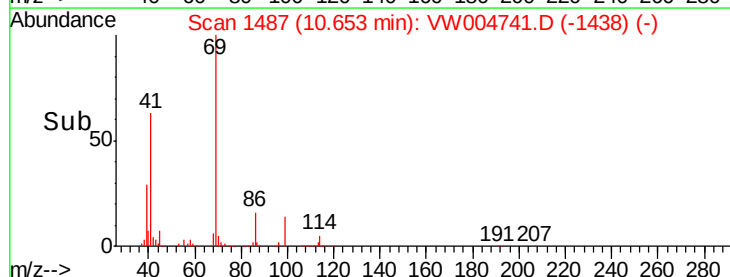
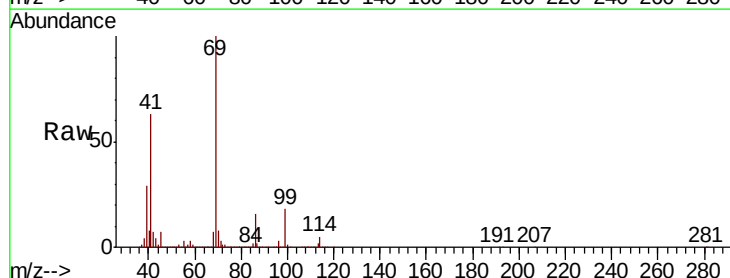
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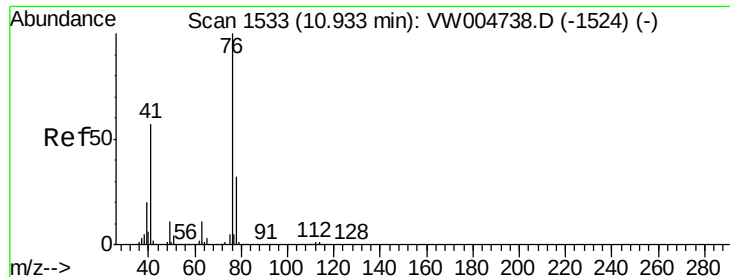
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#56
 Ethyl methacrylate
 Concen: 173.83 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion:	69	Resp:	1181975
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.7	76.1
39	27.0	21.4	32.2





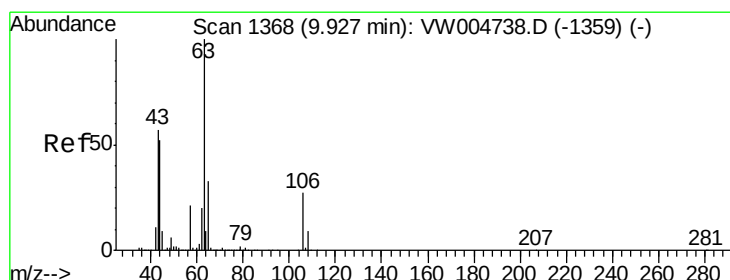
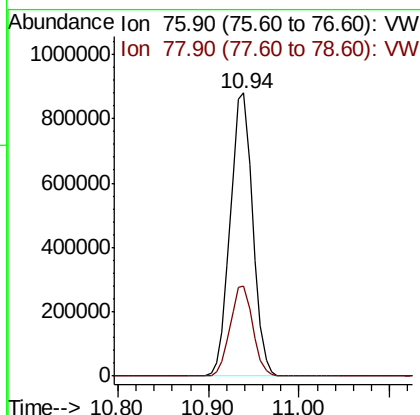
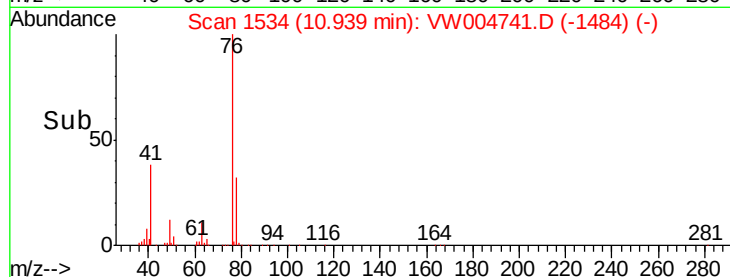
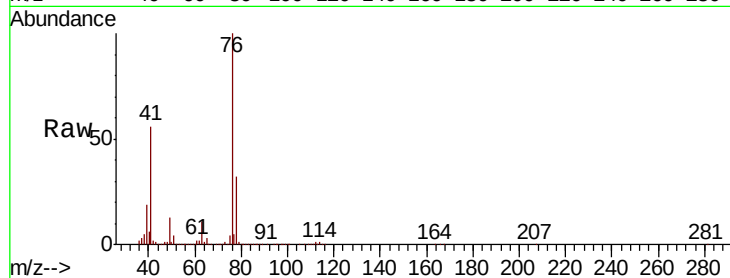
#57
 1,3-Dichloropropane
 Concen: 152.31 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 1513355
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9

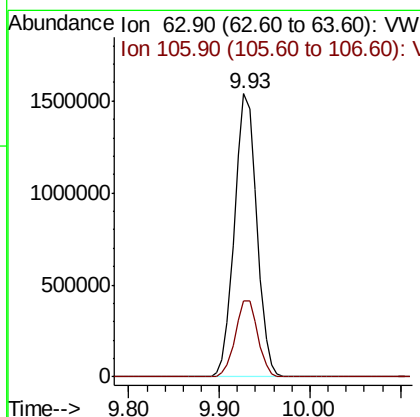
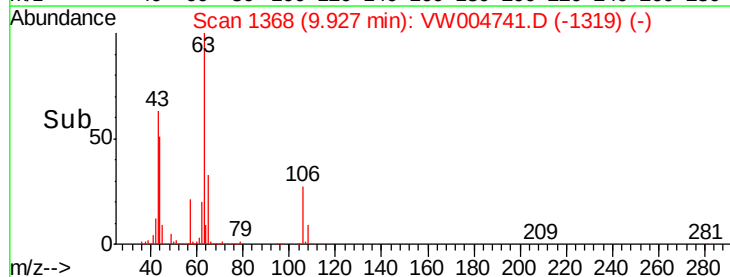
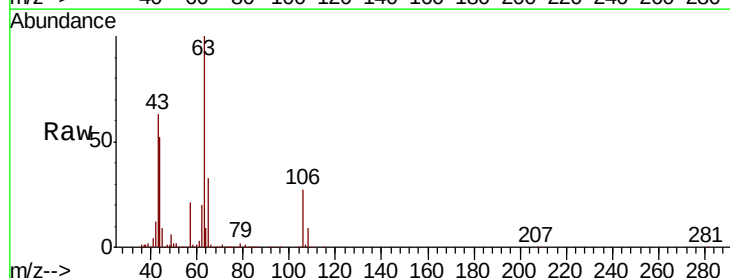
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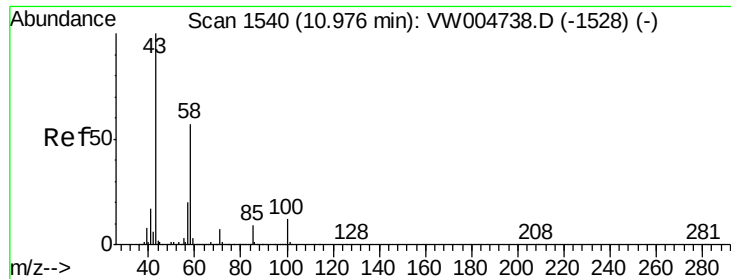
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#58
 2-Chloroethyl Vinyl ether
 Concen: 824.23 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 63 Resp: 2620054
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.1 33.1





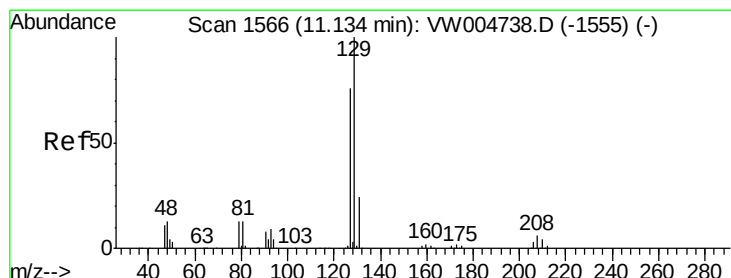
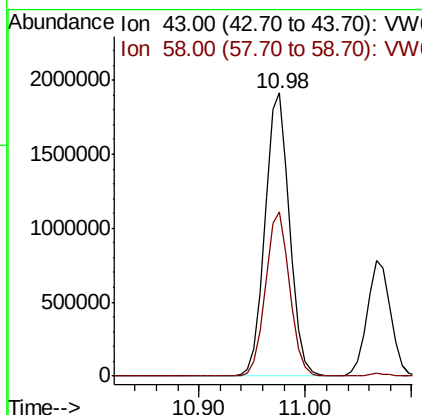
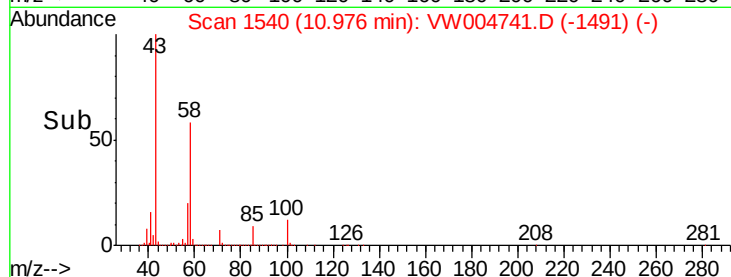
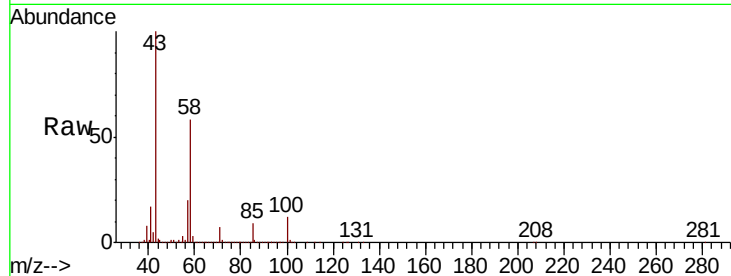
#59
2-Hexanone
Concen: 813.26 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 3066011
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.4

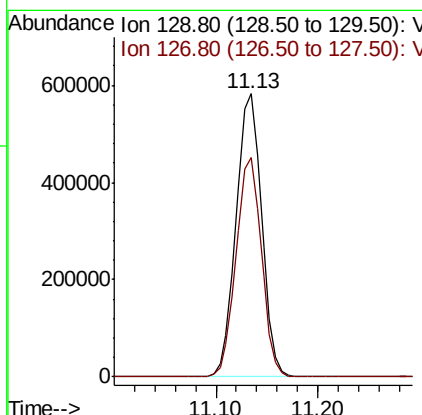
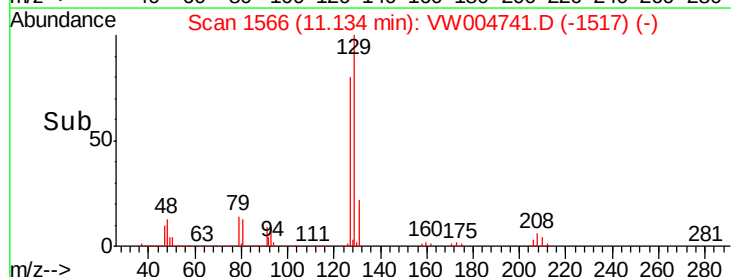
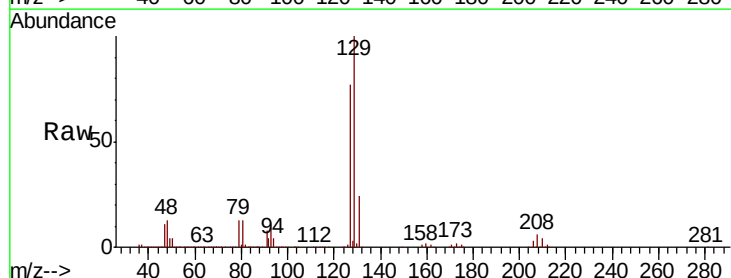
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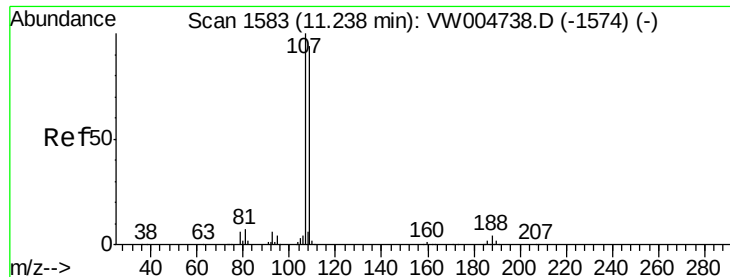
apatel
8/20/2018 9:54:06 AM



#60
Dibromochloromethane
Concen: 155.95 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 129 Resp: 1007105
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





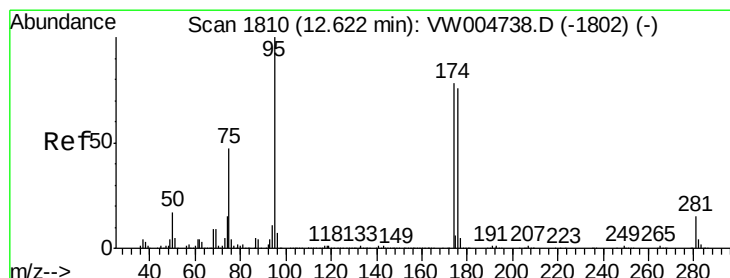
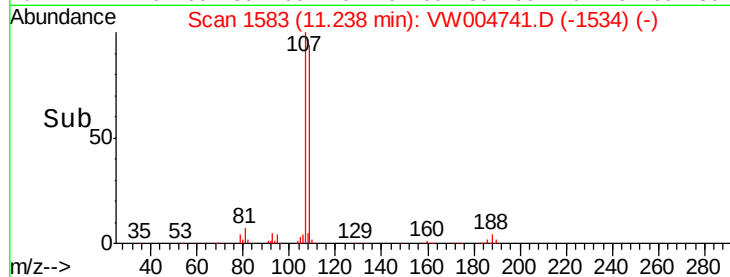
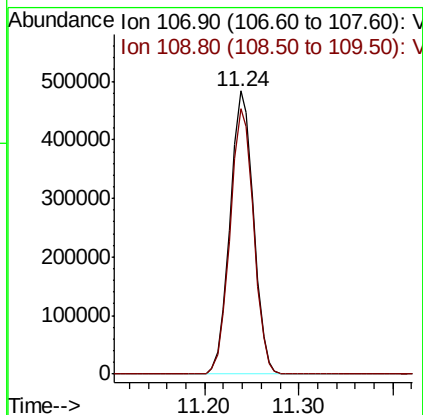
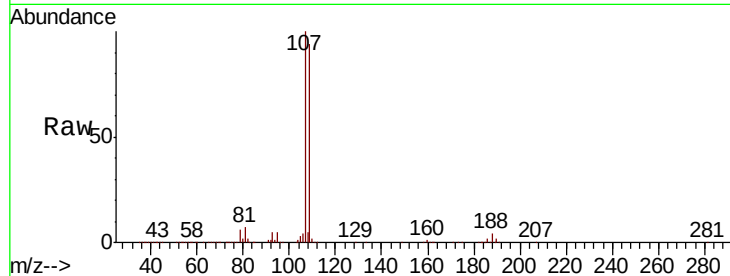
#61
 1,2-Dibromoethane
 Concen: 151.84 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.5	113.3

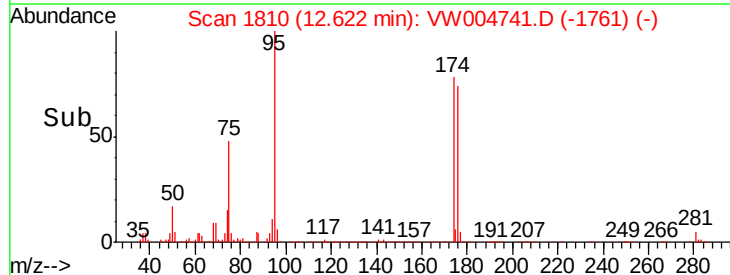
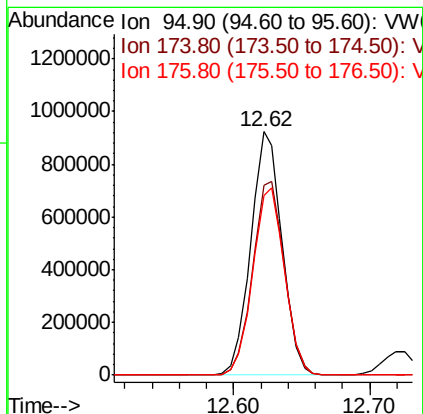
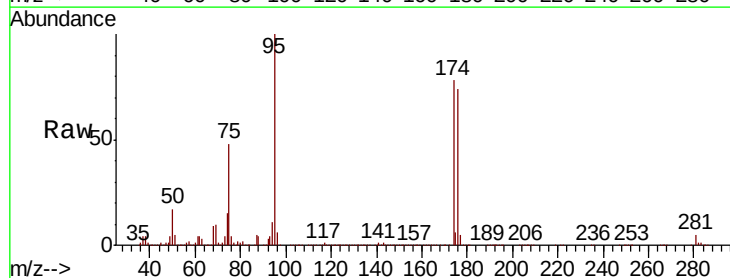
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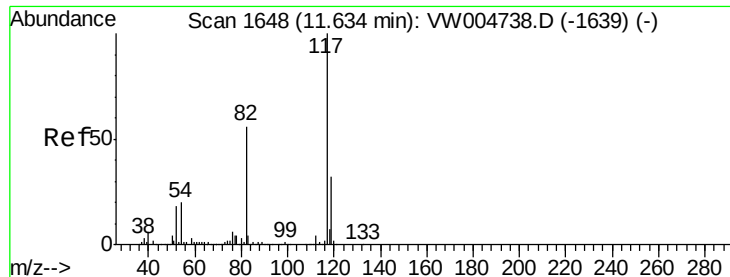
apatel
 8/20/2018 9:54:06 AM



#62
 4-Bromofluorobenzene
 Concen: 147.94 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	165.8
176	78.5	0.0	159.8





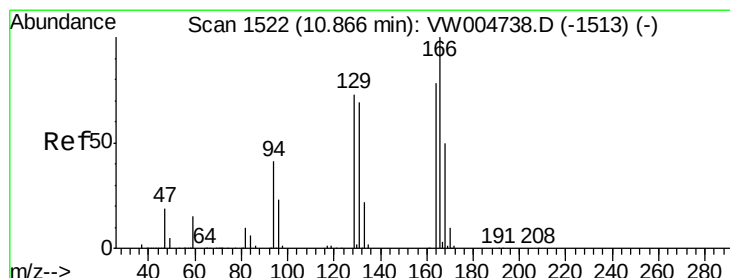
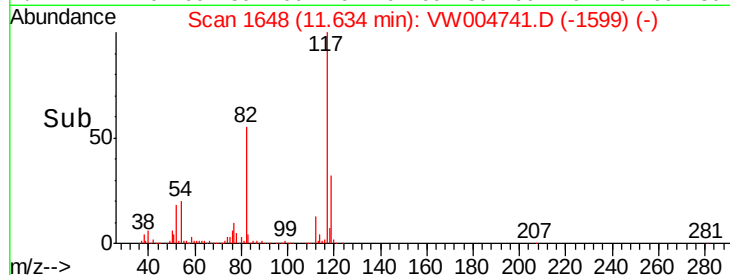
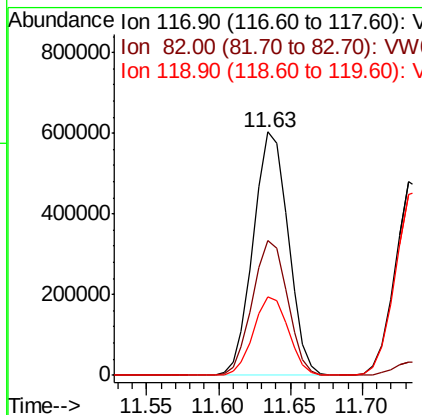
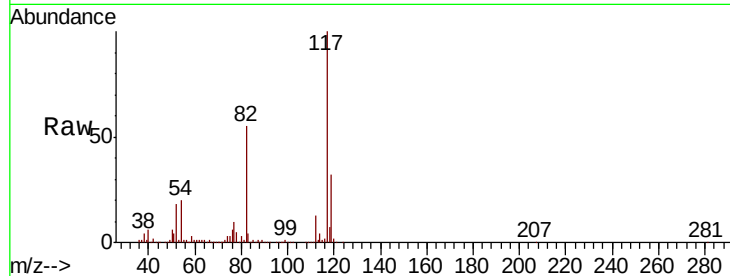
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 1015224
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.1 25.6 38.4

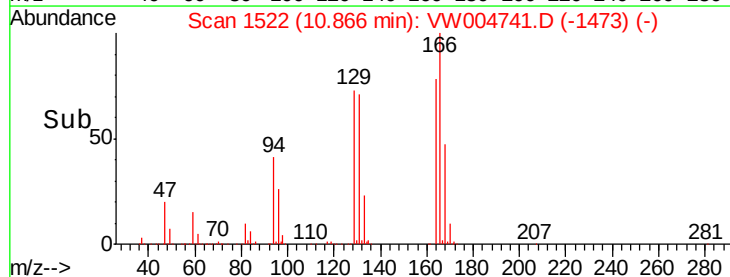
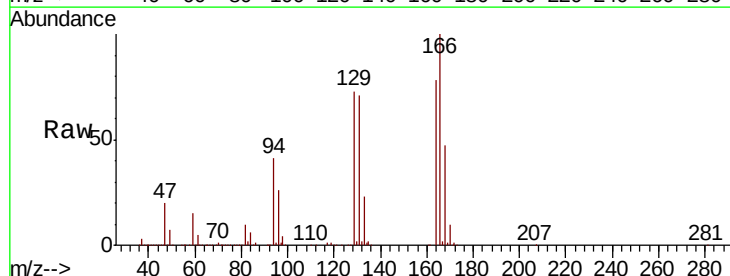
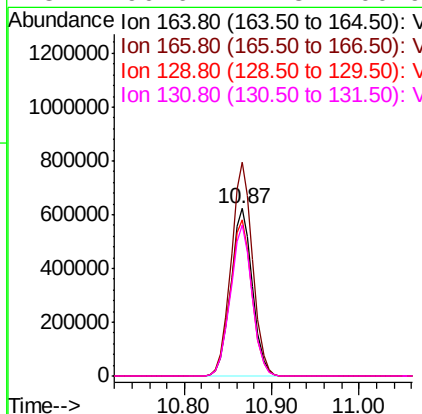
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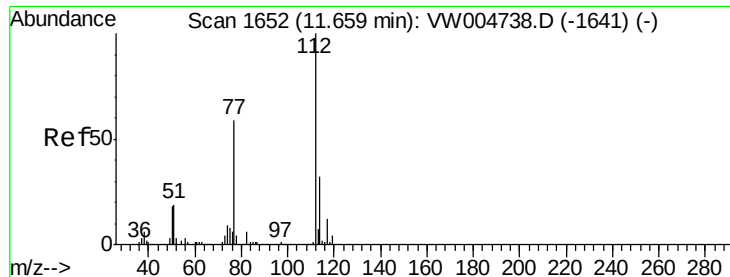
apatel
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#64
Tetrachloroethene
Concen: 153.26 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:164 Resp: 1063345
Ion Ratio Lower Upper
164 100
166 127.5 102.5 153.7
129 93.2 75.1 112.7
131 90.6 71.3 106.9





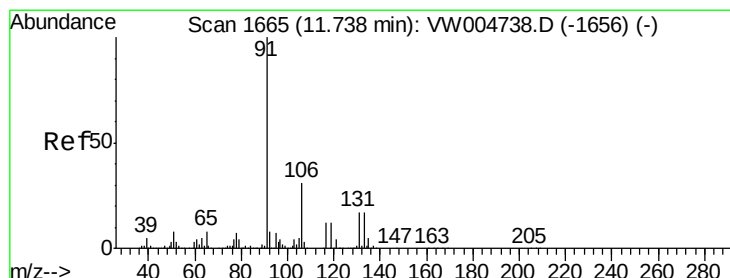
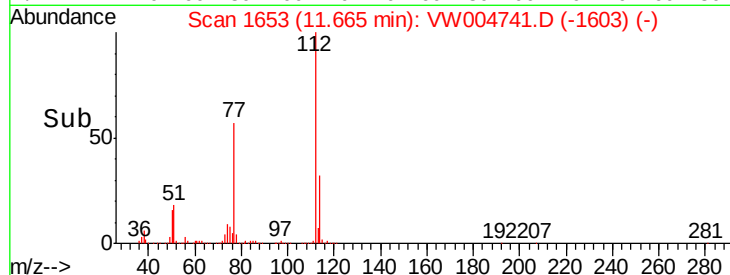
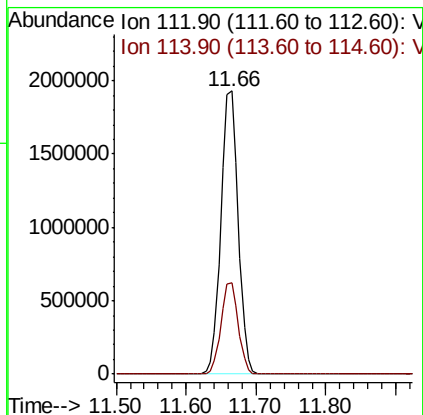
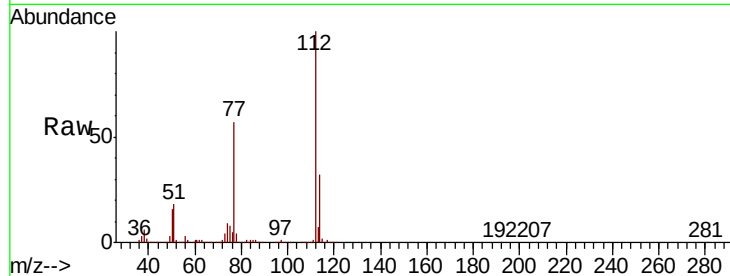
#65
Chlorobenzene
Concen: 151.40 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 3308257
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

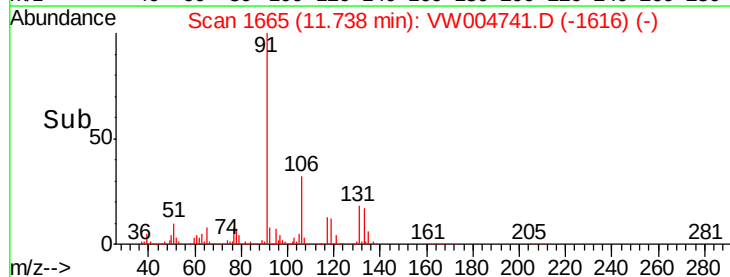
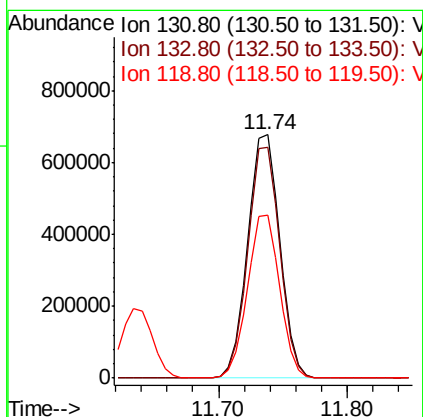
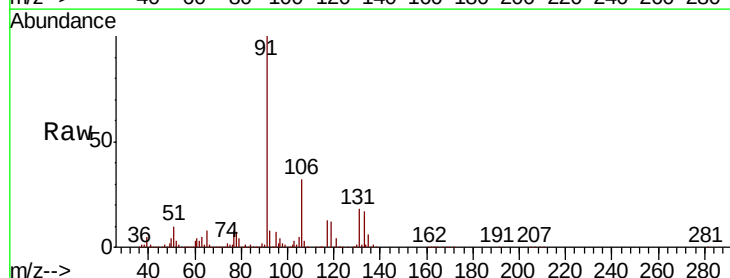
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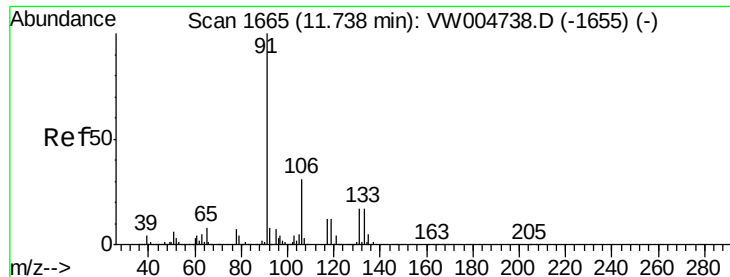
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 157.59 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:131 Resp: 1162719
Ion Ratio Lower Upper
131 100
133 94.8 48.2 144.6
119 66.9 34.0 102.0





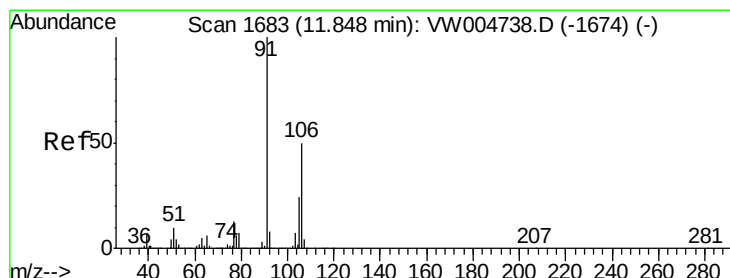
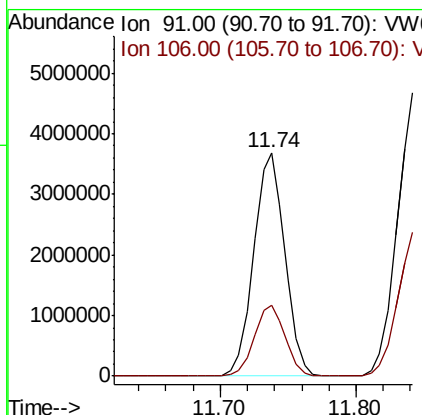
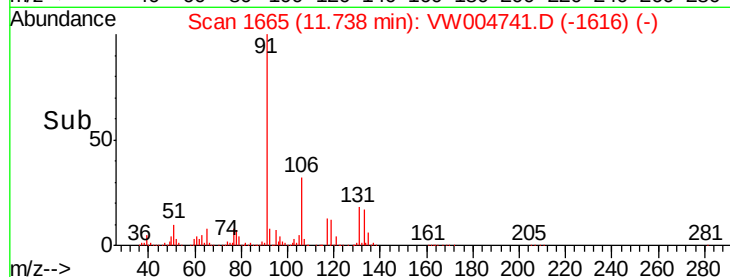
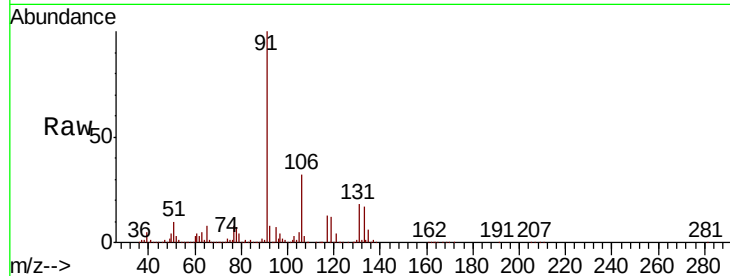
#67
Ethyl Benzene
Concen: 159.31 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 5901515
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

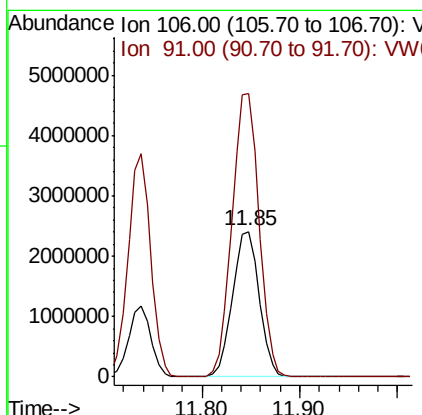
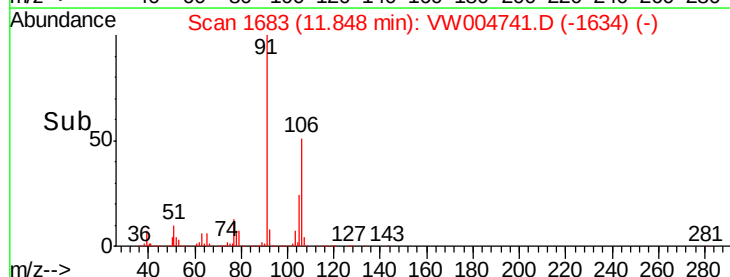
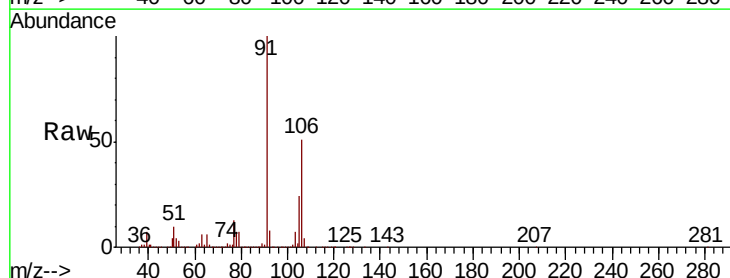
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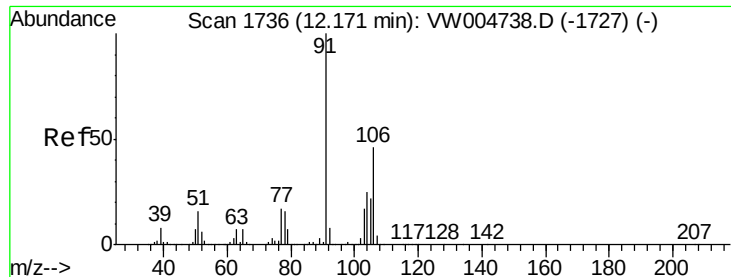
apatel
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#68
m/p-Xylenes
Concen: 315.75 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 106 Resp: 4550563
Ion Ratio Lower Upper
106 100
91 197.5 159.9 239.9





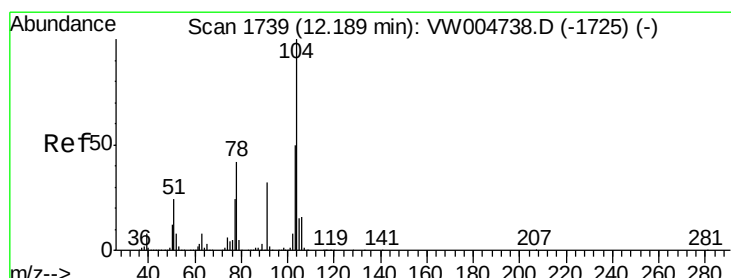
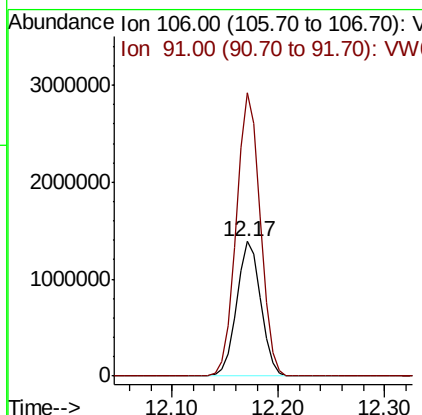
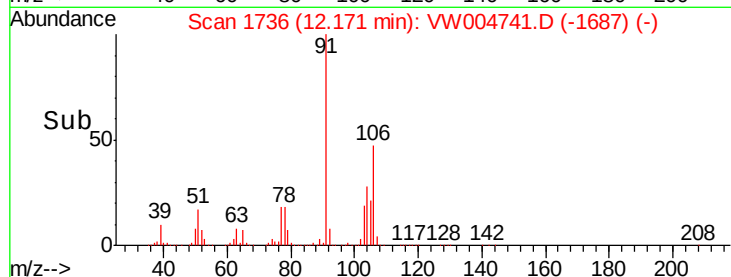
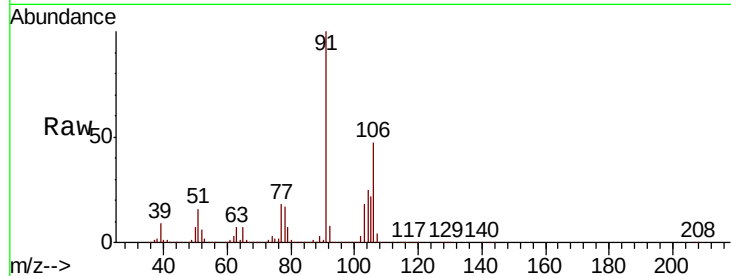
#69
o-Xylene
Concen: 165.13 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 2203048
Ion Ratio Lower Upper
106 100
91 209.8 107.3 321.8

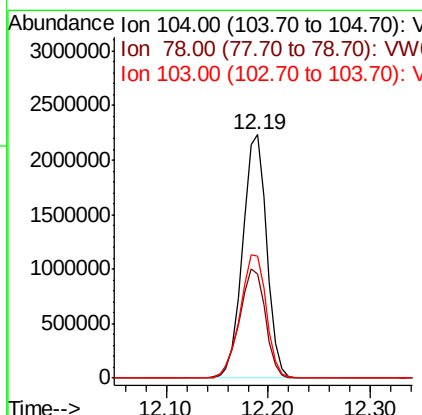
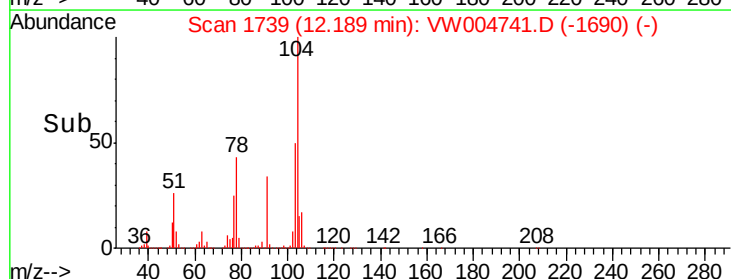
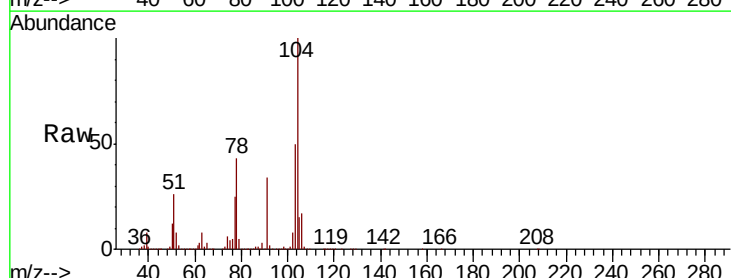
Manual Integrations
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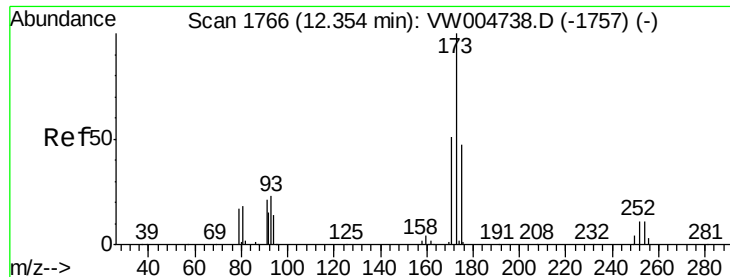
apatel
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#70
Styrene
Concen: 162.57 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:104 Resp: 3643358
Ion Ratio Lower Upper
104 100
78 48.6 38.4 57.6
103 55.3 44.1 66.1





#71

Bromoform

Concen: 159.70 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

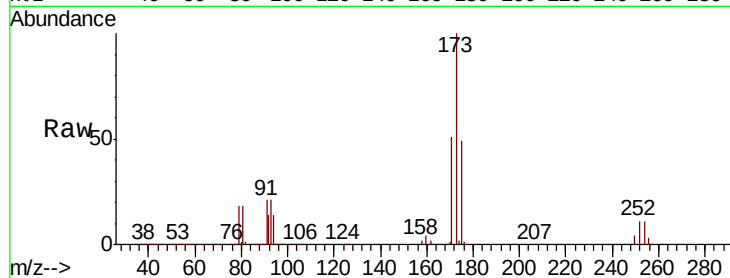
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.4
254	0.1	0.1	0.1

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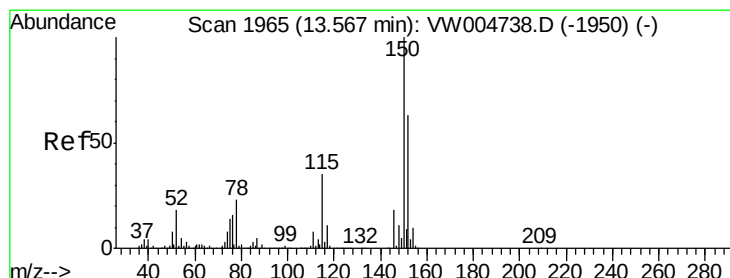
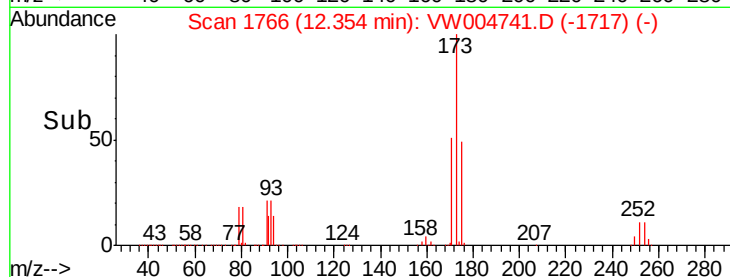
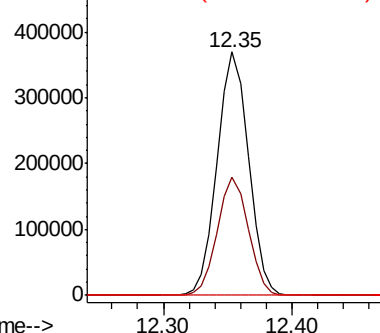


Abundance

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: 50.00 ug/l

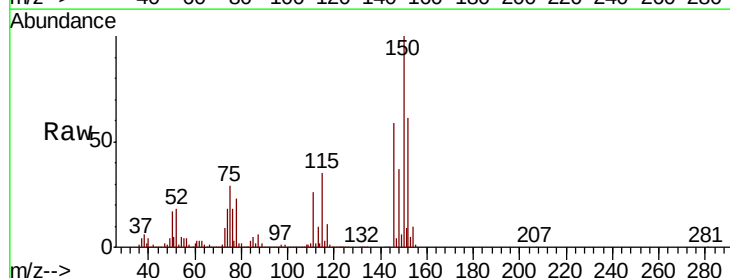
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.5	85.5
150	207.5	0.0	344.8

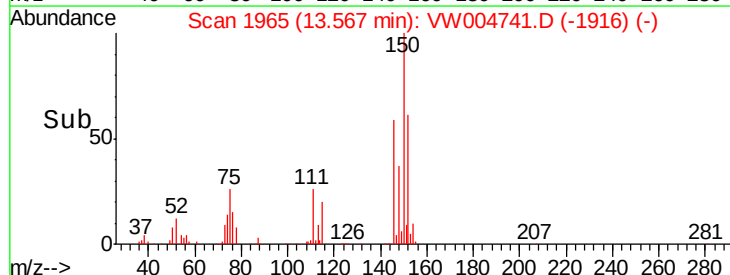
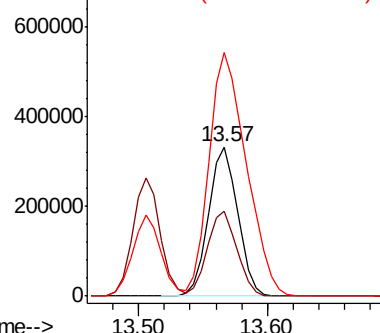


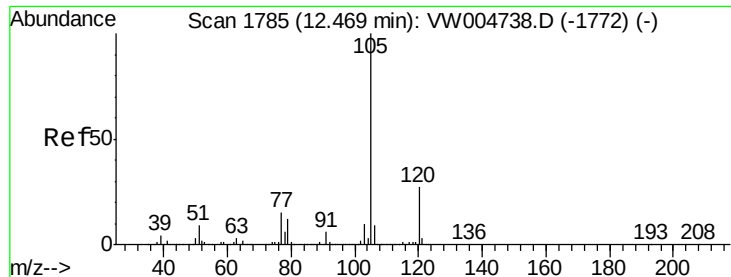
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 166.64 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 5922017

Ion Ratio Lower Upper

105 100

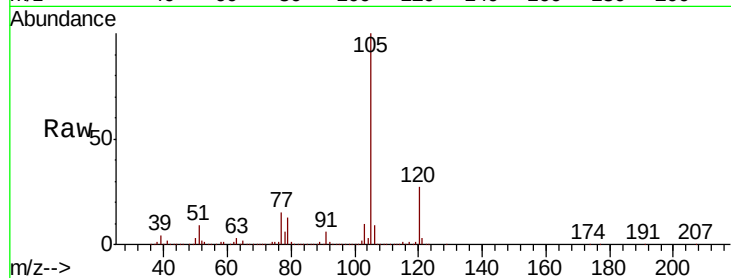
120 26.8 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

4000000

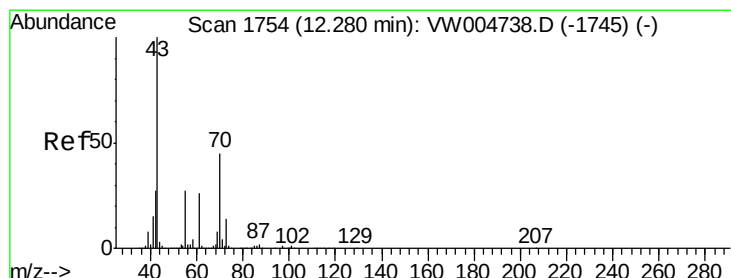
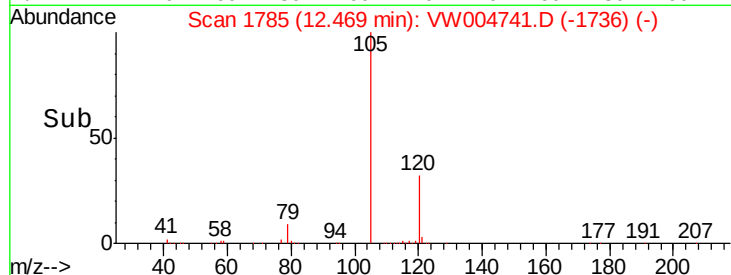
3000000

2000000

1000000

0

Time-->



#74

N-ethyl acetate

Concen: 180.03 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Tgt Ion: 43 Resp: 1341165

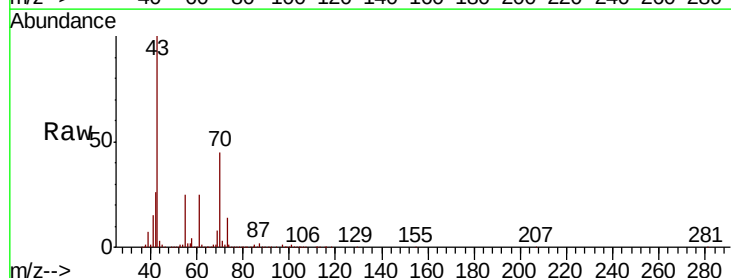
Ion Ratio Lower Upper

43 100

70 44.2 36.3 54.5

55 25.8 22.6 33.8

61 25.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

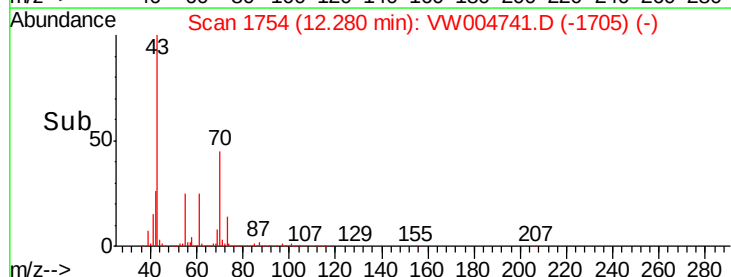
12.28

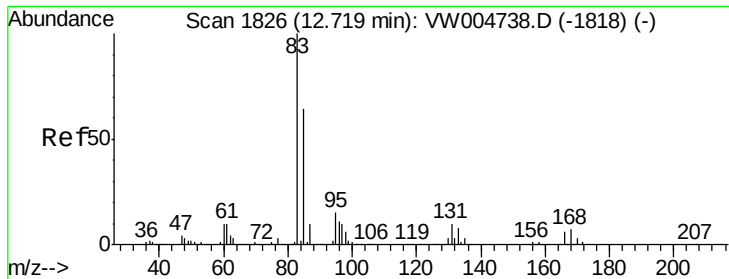
1000000

500000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 156.26 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 83 Resp: 1028728

Ion Ratio Lower Upper

83 100

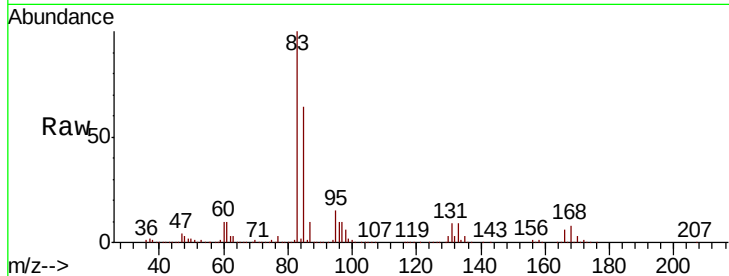
131 10.2 5.3 15.8

85 63.9 31.9 95.9

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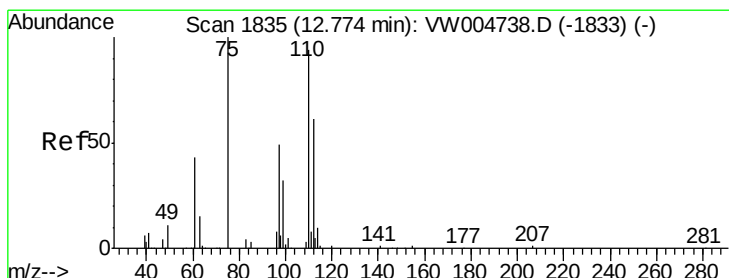
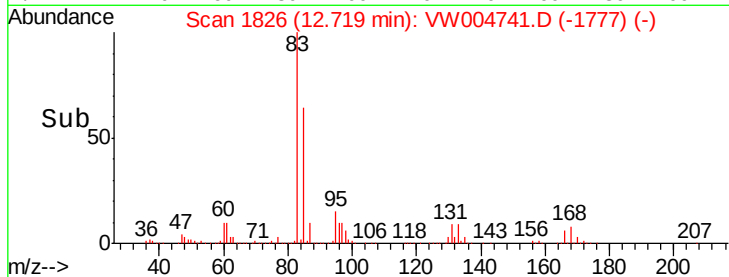
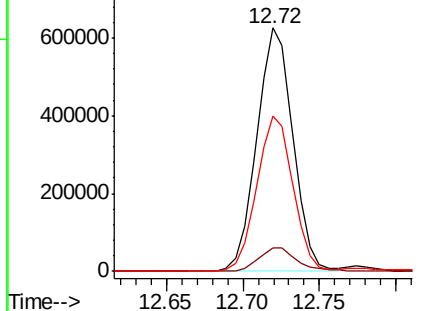
8/20/2018 9:54:06 AM



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: 88.74 ug/l m

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004741.D

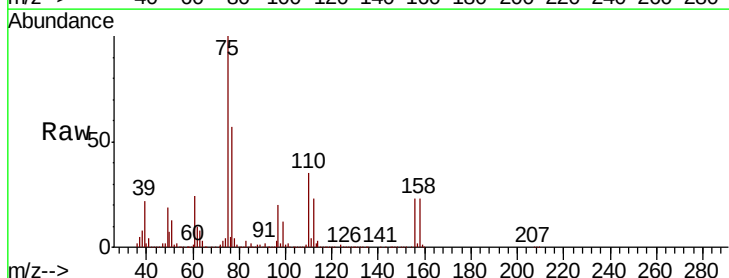
Acq: 17 Aug 2018 18:29

Tgt Ion: 75 Resp: 686626

Ion Ratio Lower Upper

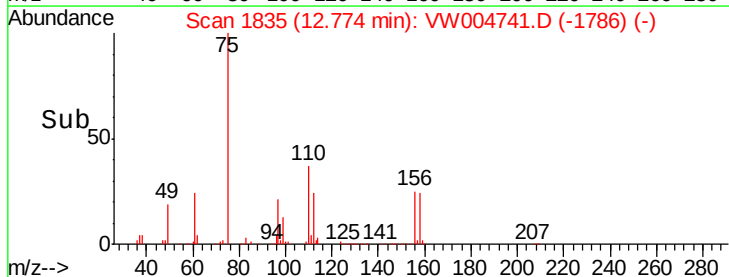
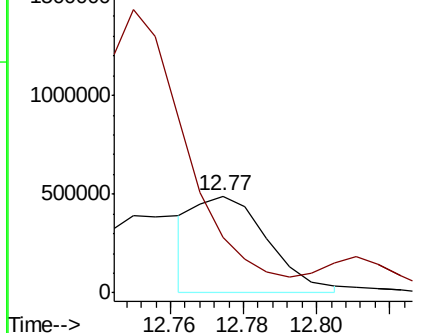
75 100

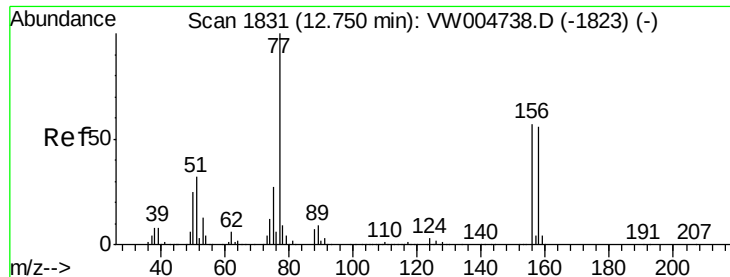
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 157.41 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion:156 Resp: 1354053

Ion Ratio Lower Upper

156 100

77 189.2 94.2 282.4

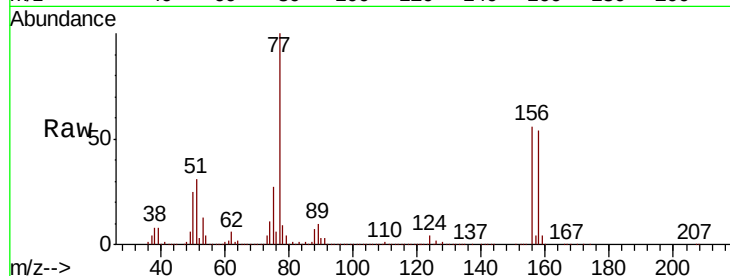
158 97.2 48.6 145.9

Manual Integrations

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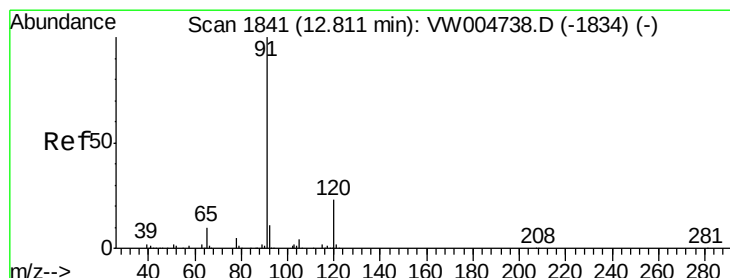
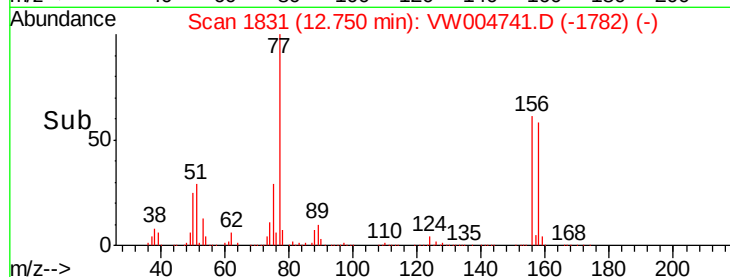
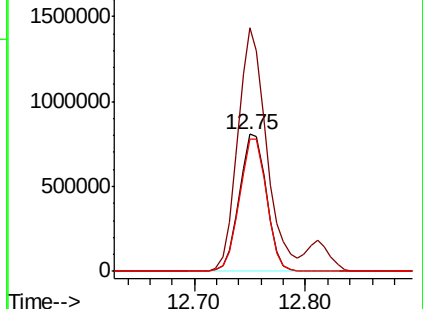
8/20/2018 9:54:06 AM



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: 161.88 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004741.D

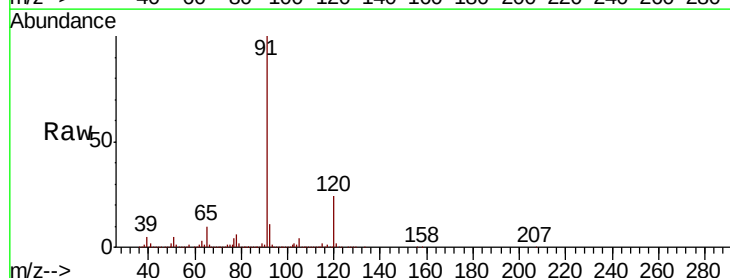
Acq: 17 Aug 2018 18:29

Tgt Ion: 91 Resp: 7020015

Ion Ratio Lower Upper

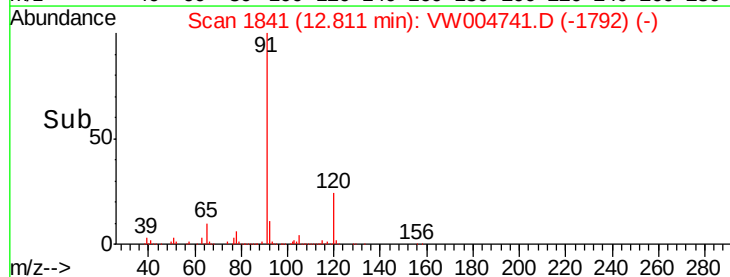
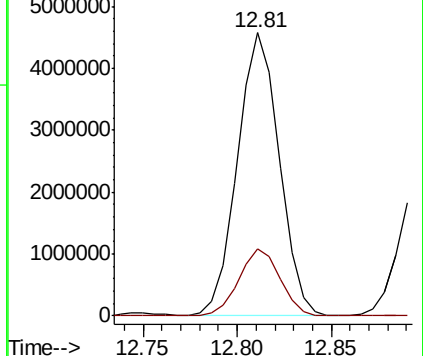
91 100

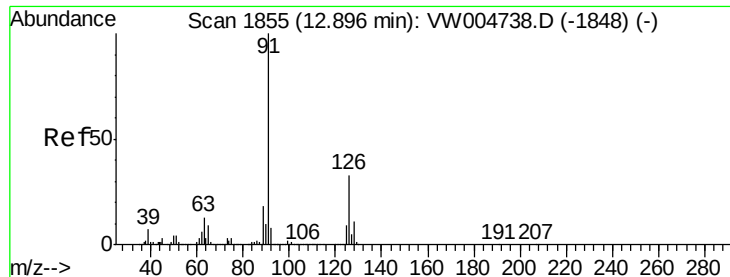
120 23.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 161.27 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 4031336

Ion Ratio Lower Upper

91 100

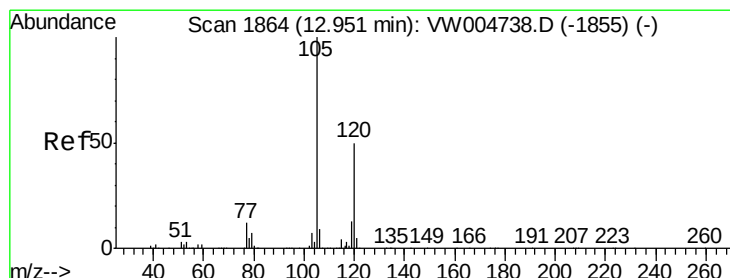
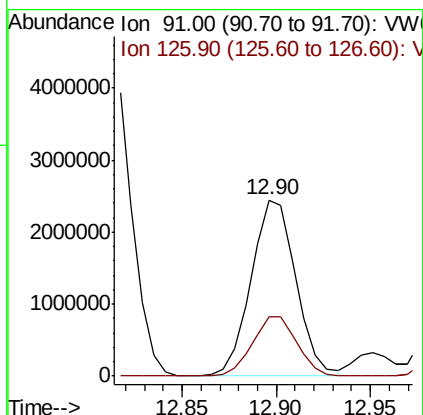
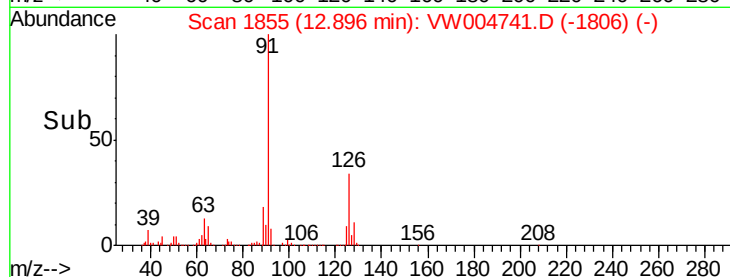
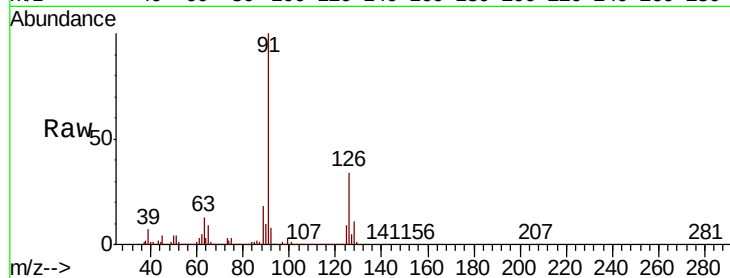
126 33.7 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 163.32 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004741.D

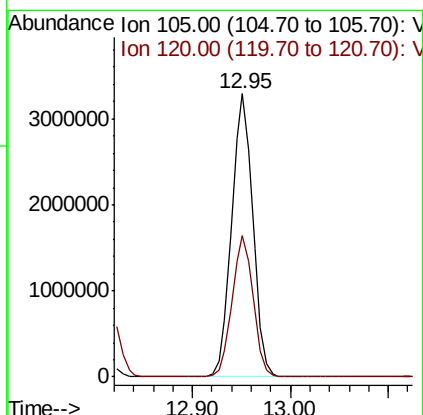
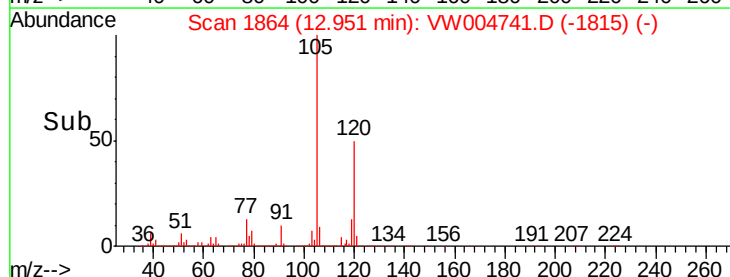
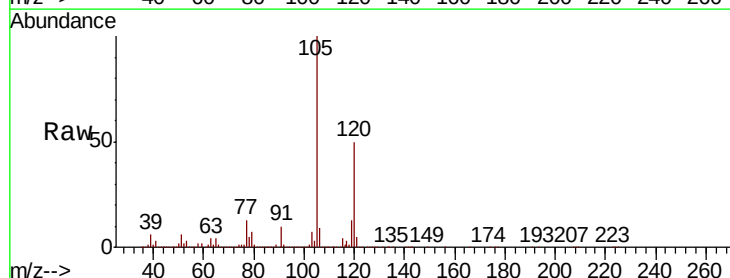
Acq: 17 Aug 2018 18:29

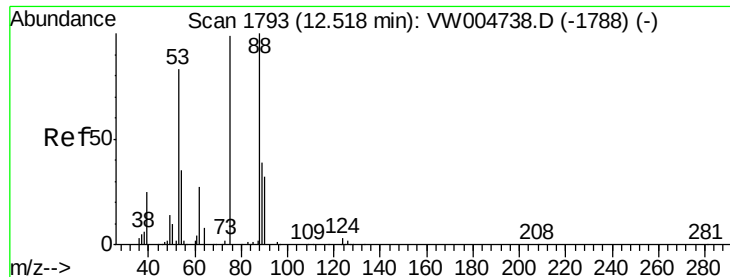
Tgt Ion:105 Resp: 4930916

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 174.55 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 345822

Ion Ratio Lower Upper

75 100

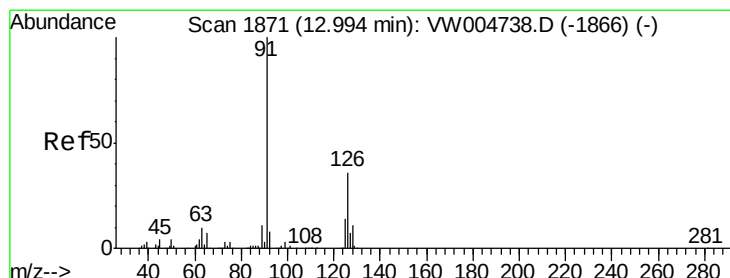
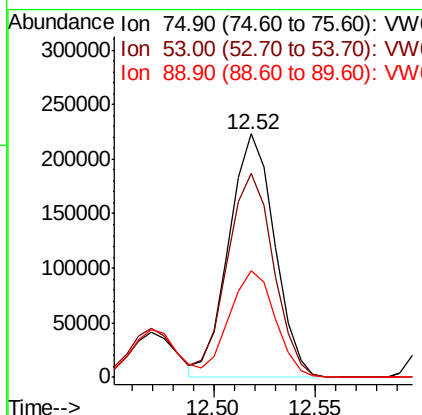
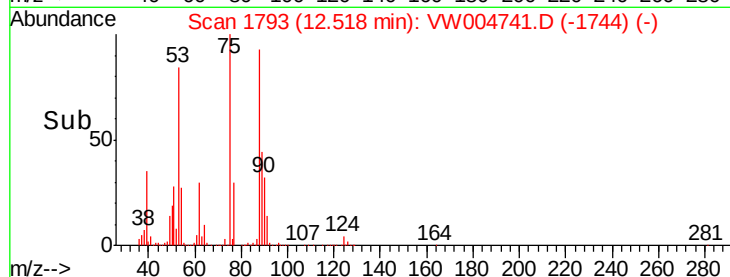
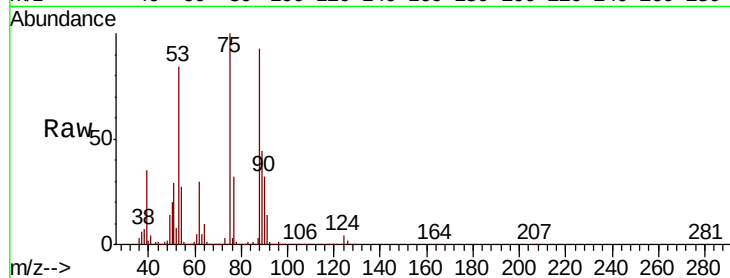
53 85.1 72.2 108.4

89 43.8 35.2 52.8

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#82

4-Chlorotoluene

Concen: 157.83 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004741.D

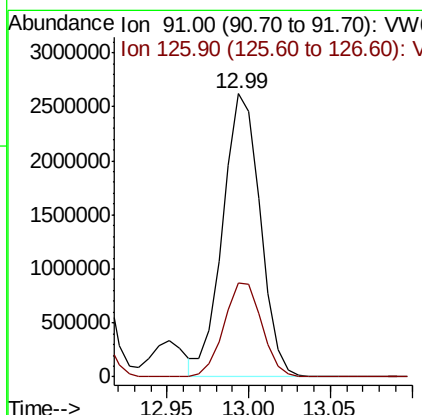
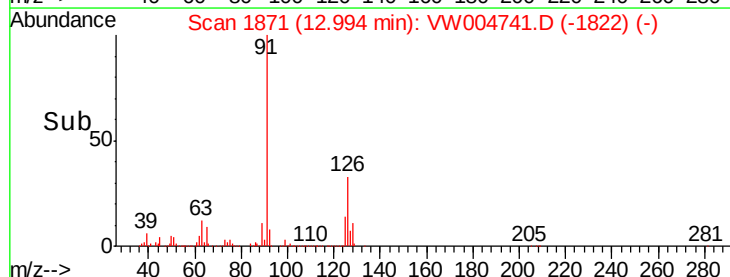
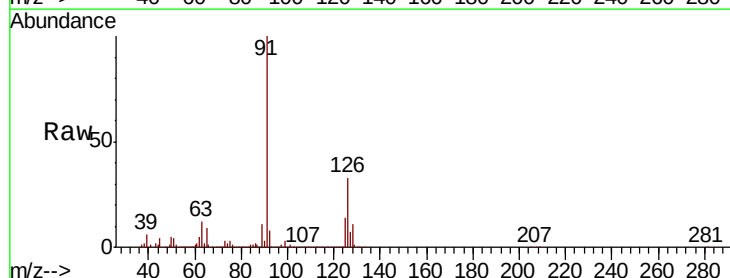
Acq: 17 Aug 2018 18:29

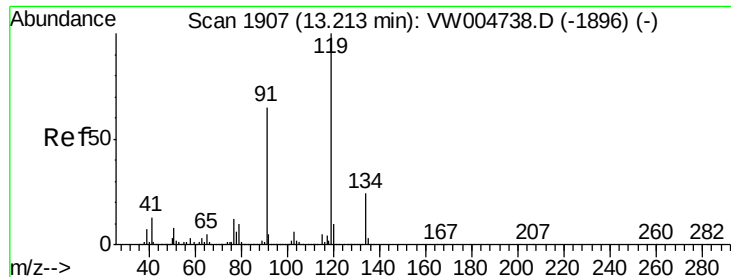
Tgt Ion: 91 Resp: 4191874

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.7





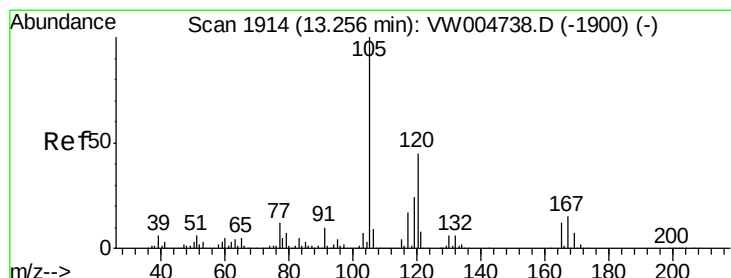
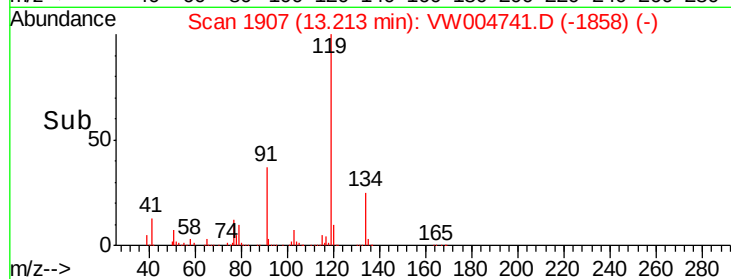
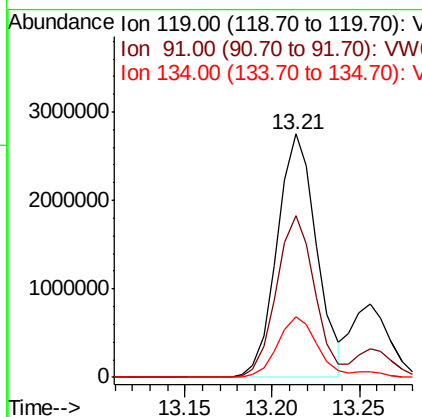
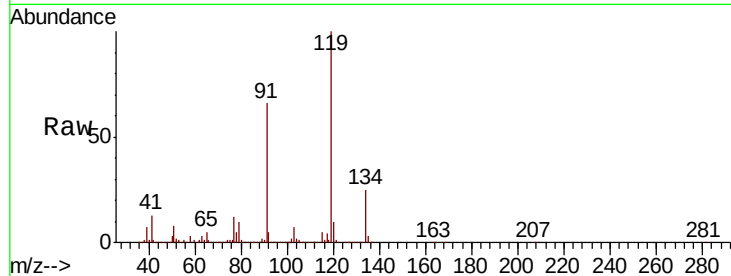
#83
 tert-Butylbenzene
 Concen: 168.18 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	32.6	97.8
134	26.4	13.1	39.3

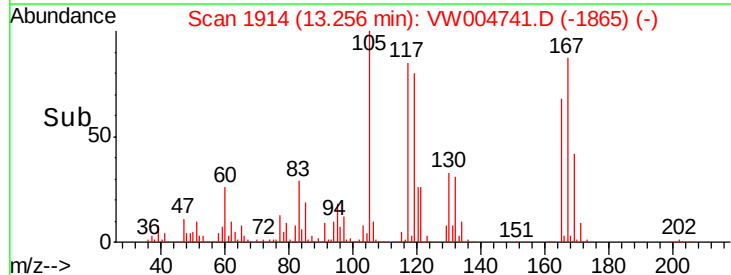
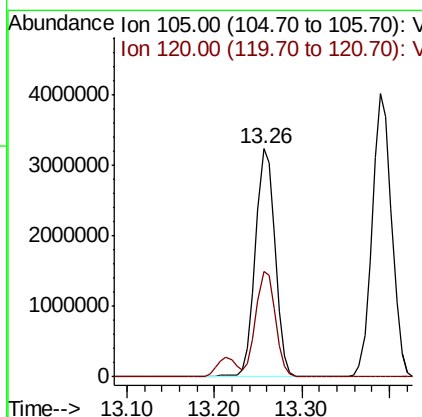
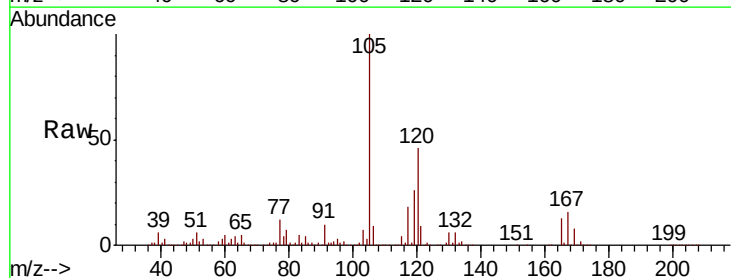
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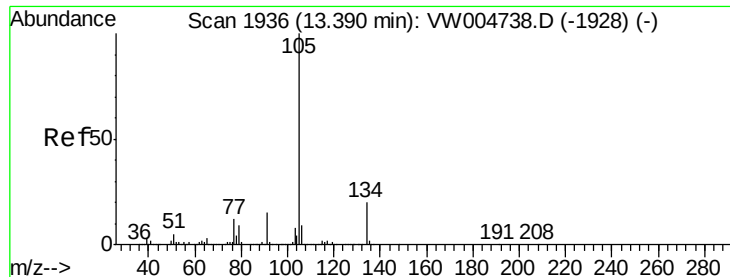
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#84
 1,2,4-Trimethylbenzene
 Concen: 162.27 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.3





#85

sec-Butylbenzene

Concen: 162.01 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 6246274

Ion Ratio Lower Upper

105 100

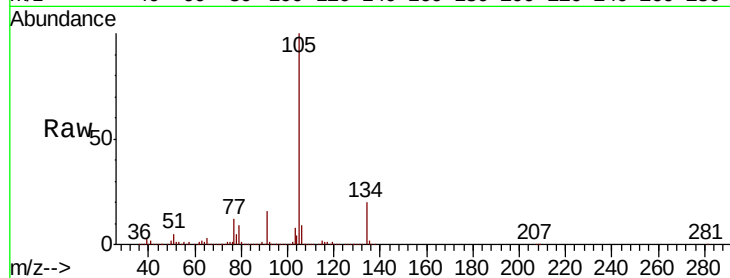
134 20.0 10.0 29.8

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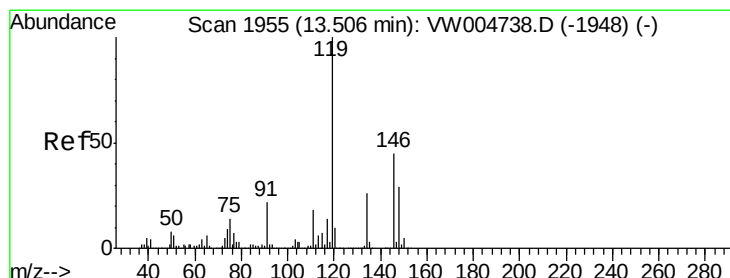
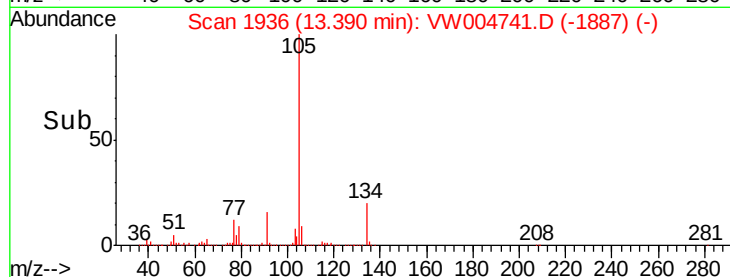
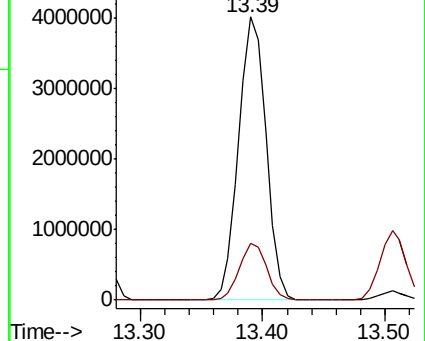
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 164.05 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

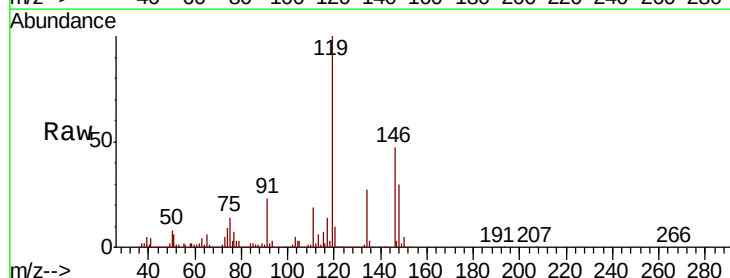
Tgt Ion:119 Resp: 5503490

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

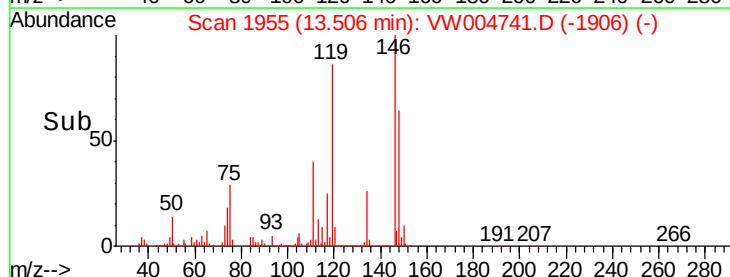
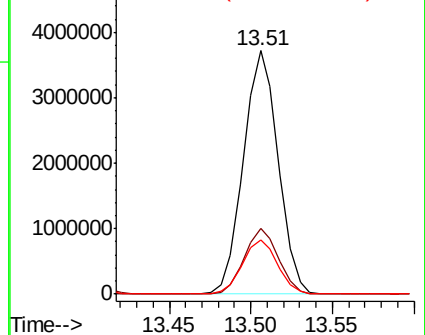
91 22.5 11.2 33.5

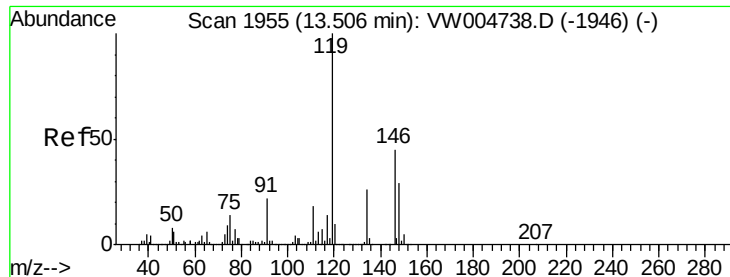


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





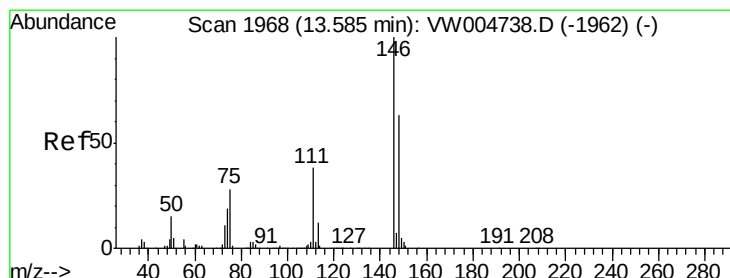
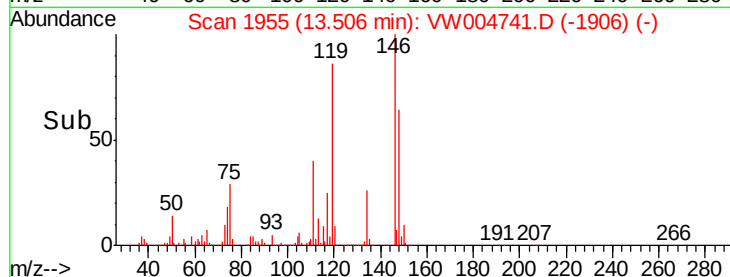
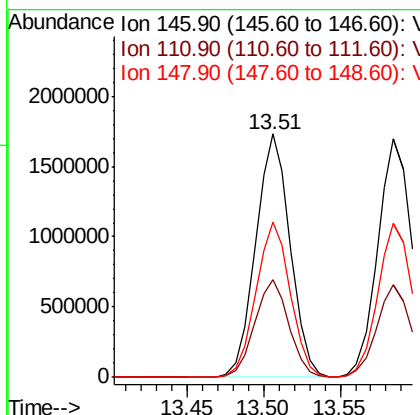
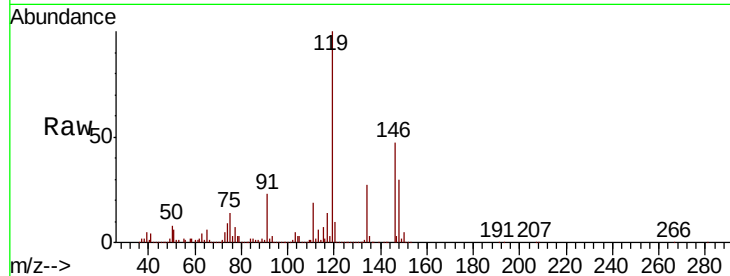
#87
 1,3-Dichlorobenzene
 Concen: 154.84 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.6	31.9	95.9

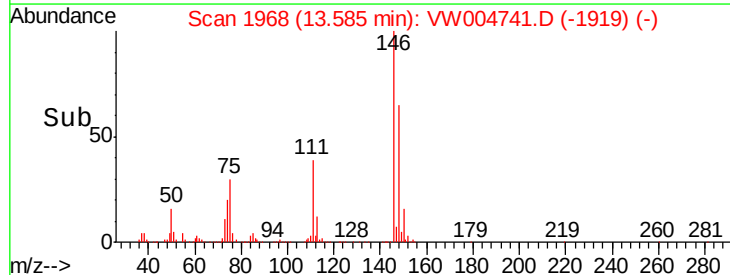
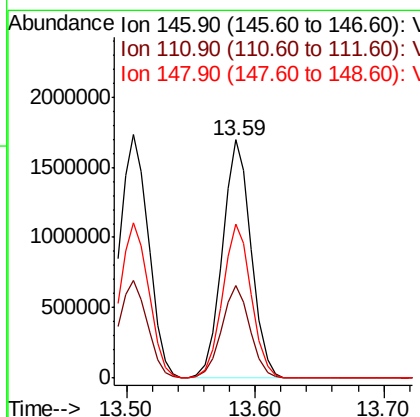
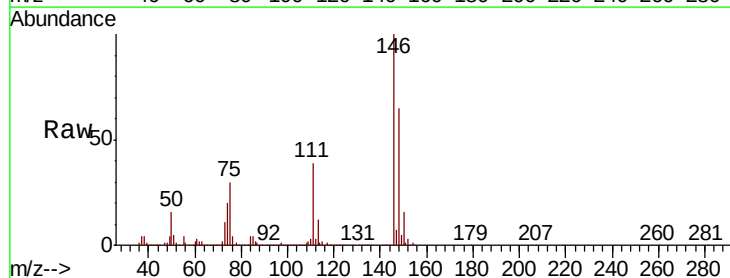
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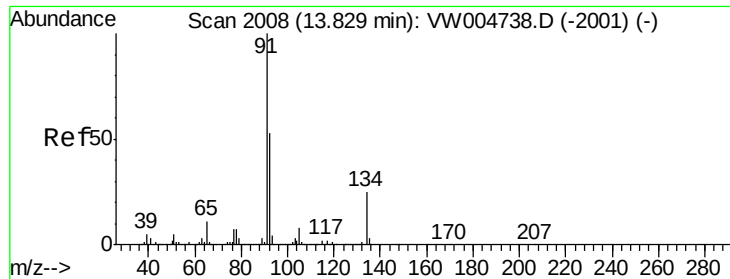
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#88
 1,4-Dichlorobenzene
 Concen: 150.94 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.5	31.8	95.3





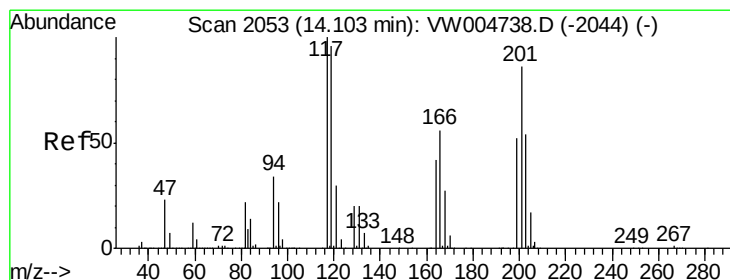
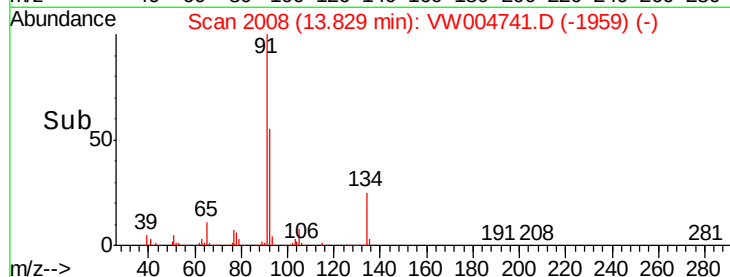
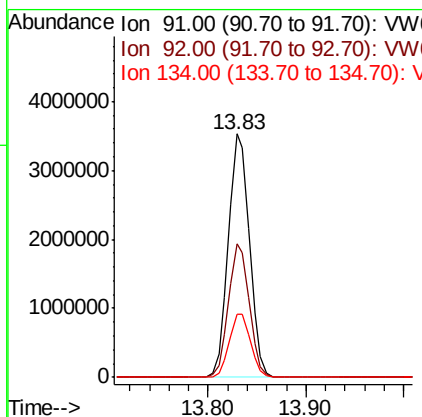
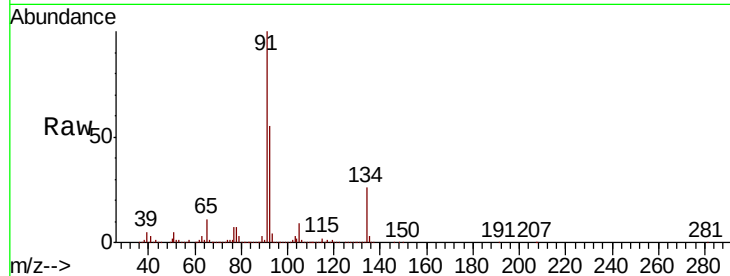
#89
n-Butylbenzene
Concen: 162.81 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 5280728
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.2
134 26.2 12.8 38.3

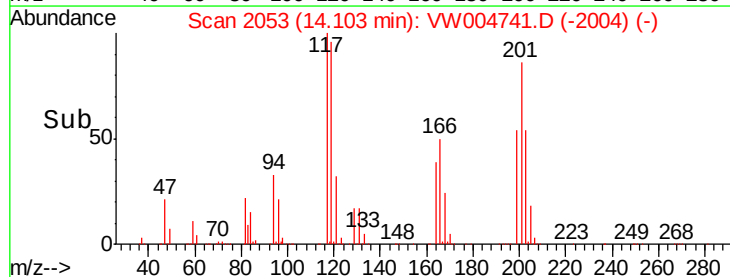
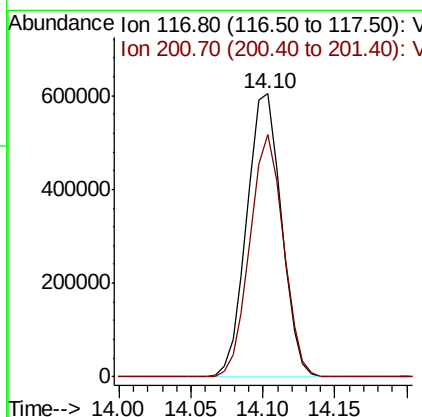
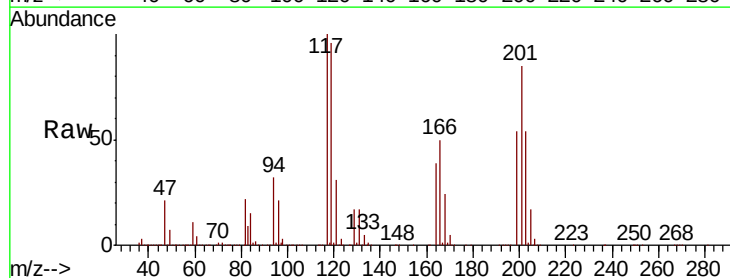
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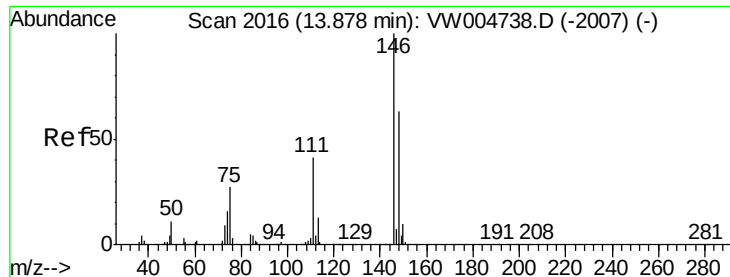
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#90
Hexachloroethane
Concen: 164.45 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 117 Resp: 1005586
Ion Ratio Lower Upper
117 100
201 82.8 42.4 127.2





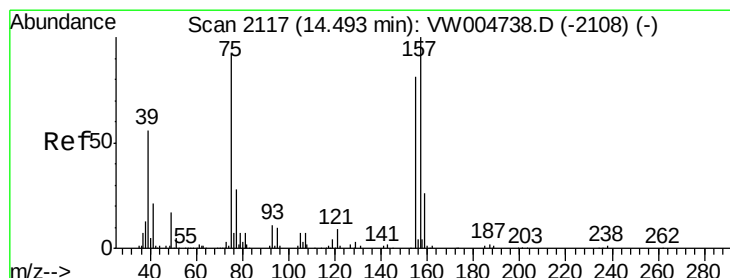
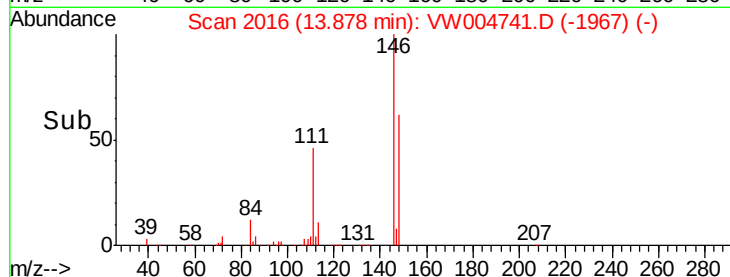
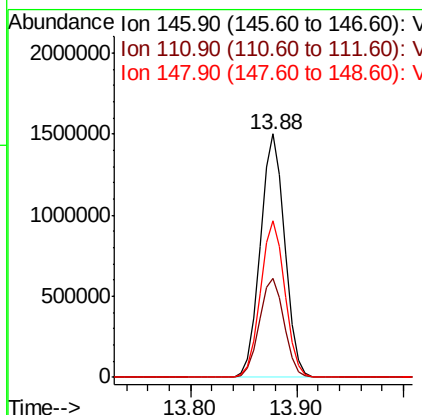
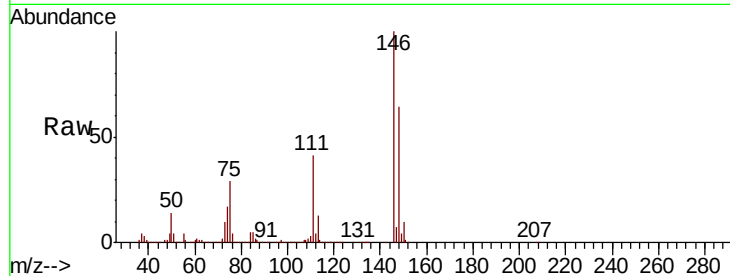
#91
 1,2-Dichlorobenzene
 Concen: 153.11 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	64.3	31.6	95.0

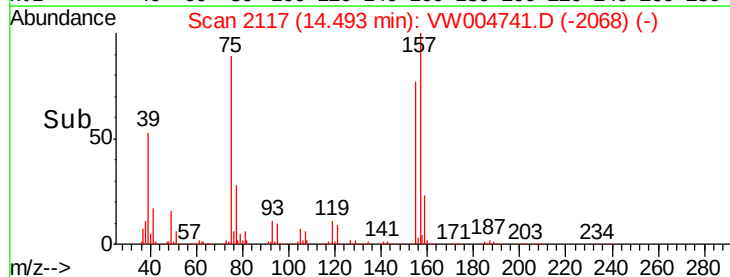
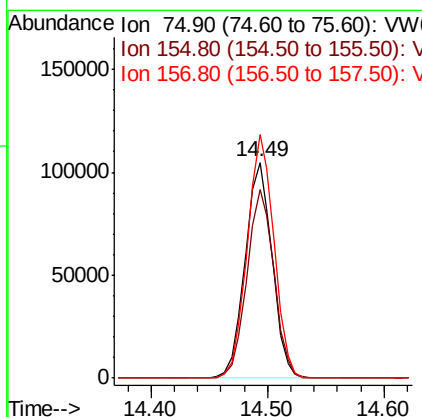
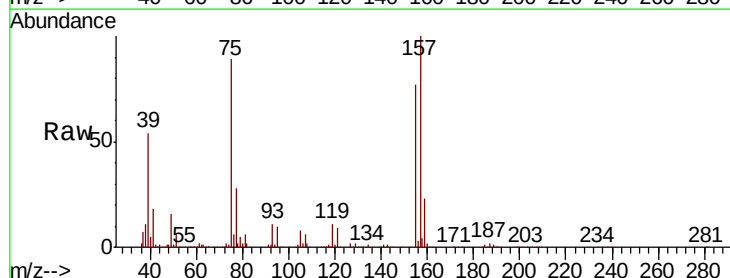
Manual Integrations
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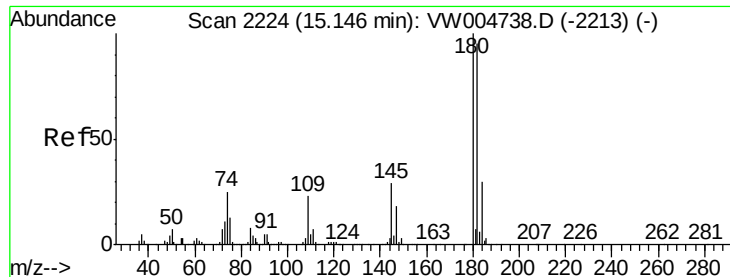
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 164.75 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	43.3	129.9
157	111.8	54.5	163.6





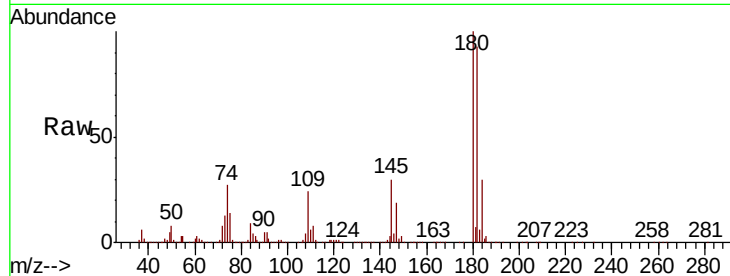
#93
 1,2,4-Trichlorobenzene
 Concen: 162.56 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

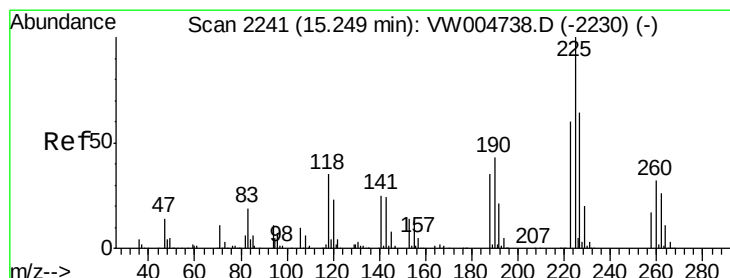
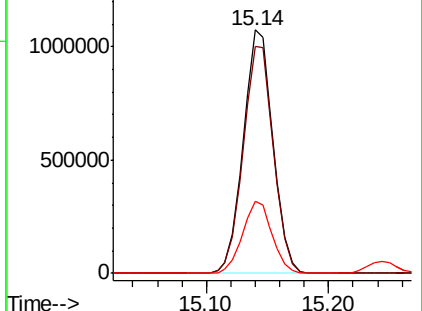
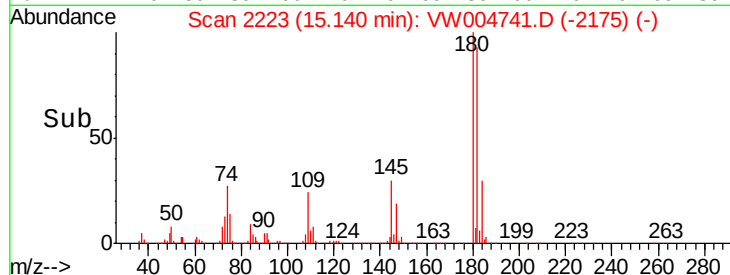
Tot Ion:	180	Resp:	1806950
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.8
145	29.7	14.6	43.8

Manual Integrations
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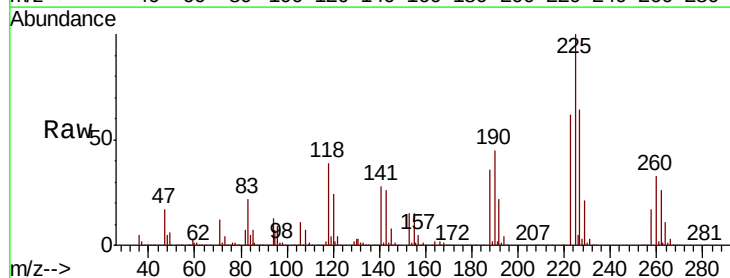


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

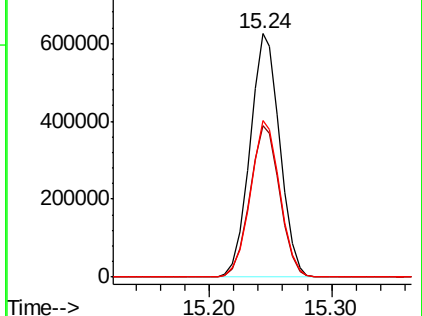
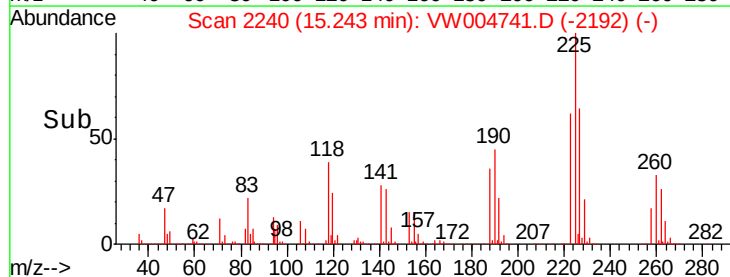


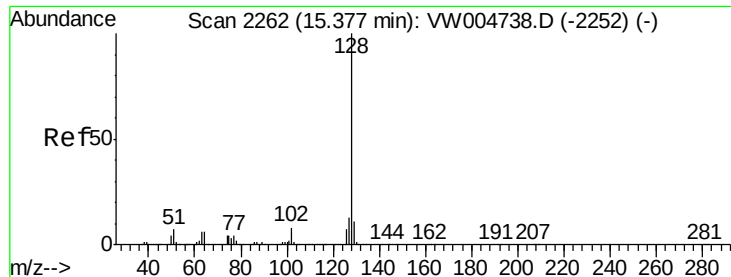
#94
 Hexachlorobutadiene
 Concen: 154.96 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion:	225	Resp:	1057196
Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.9	92.5
227	63.6	32.0	96.0



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





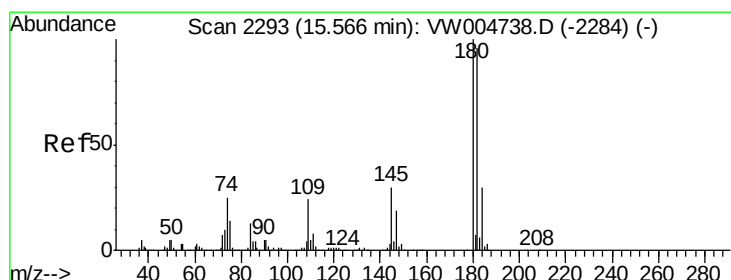
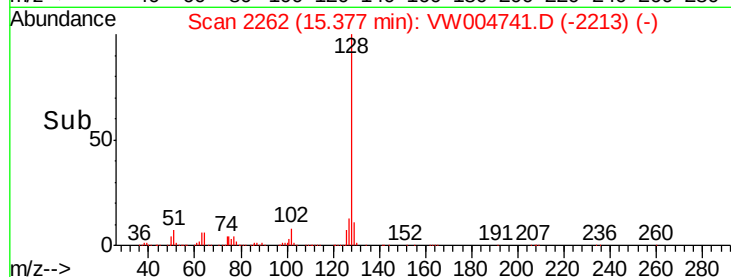
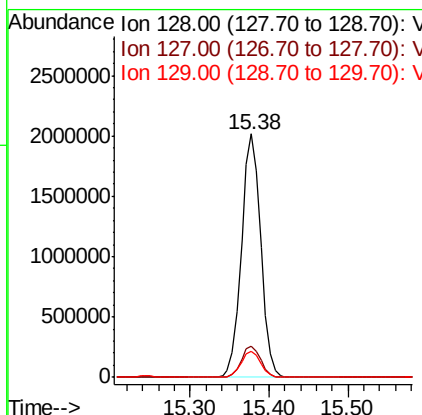
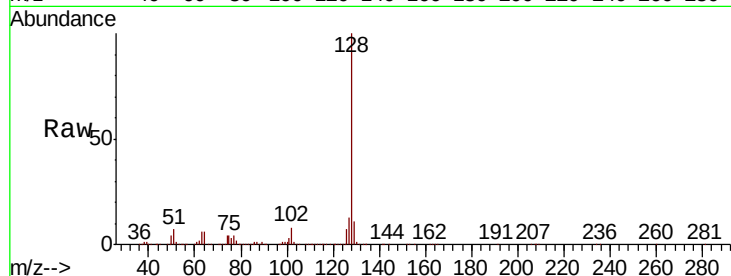
#95
Naphthalene
Concen: 177.03 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
8/20/2018 9:54:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 161.54 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	31.4	15.4	46.1

