

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004131.D
 Acq On : 23 Jul 2018 12:36
 Operator : SY/AP
 Sample : VW0723SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD01

Manual Integrations
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apatel
 7/24/2018 11:49:42 AM

Quant Time: Jul 23 15:17:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	210816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158459	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.88	113	145635	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.33	98	575111	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.62	95	202094	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26195	16.65	ug/l	98
3) Chloromethane	2.21	50	43716	21.12	ug/l	97
4) Vinyl Chloride	2.36	62	57237	20.10	ug/l	100
5) Bromomethane	2.76	94	34326	19.29	ug/l	99
6) Chloroethane	2.92	64	30534	18.87	ug/l	98
7) Trichlorofluoromethane	3.25	101	28064	23.48	ug/l	99
8) Diethyl Ether	3.67	74	29329	21.14	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	55889	20.26	ug/l	98
10) Methyl Iodide	4.26	142	80636	20.35	ug/l	100
11) Tert butyl alcohol	5.21	59	18298	84.66	ug/l	95
12) 1,1-Dichloroethene	4.03	96	55311	20.32	ug/l	95
13) Acrolein	3.89	56	20164	90.80	ug/l	99
14) Allyl chloride	4.66	41	96898	21.57	ug/l	98
15) Acrylonitrile	5.37	53	69687	98.00	ug/l	98
16) Acetone	4.13	43	68889	91.57	ug/l	95
17) Carbon Disulfide	4.37	76	176551	20.78	ug/l	100
18) Methyl Acetate	4.67	43	34335	19.01	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	102266	19.60	ug/l	99
20) Methylene Chloride	4.91	84	71503	16.22	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	60996	20.44	ug/l	96
22) Diisopropyl ether	6.31	45	192746	21.23	ug/l	98
23) Vinyl Acetate	6.26	43	564806	98.17	ug/l	99
24) 1,1-Dichloroethane	6.21	63	115915	20.92	ug/l	99
25) 2-Butanone	7.18	43	94420	93.26	ug/l	99
26) 2,2-Dichloropropane	7.17	77	69764	21.94	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	65006	20.15	ug/l	99
28) Bromochloromethane	7.51	49	47411	20.91	ug/l	97
29) Tetrahydrofuran	7.54	42	59208	93.89	ug/l	98
30) Chloroform	7.68	83	114773	20.83	ug/l	97
31) Cyclohexane	7.95	56	103646	19.96	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	90670	21.07	ug/l	100
36) 1,1-Dichloropropene	8.08	75	92113	20.70	ug/l	99
37) Ethyl Acetate	7.26	43	41387	19.28	ug/l	99
38) Carbon Tetrachloride	8.07	117	85921	20.67	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102932	19.75	ug/l	99
40) Benzene	8.32	78	261115	21.15	ug/l	98
41) Methacrylonitrile	7.48	41	22933	19.29	ug/l	92
42) 1,2-Dichloroethane	8.40	62	77251	20.51	ug/l	100
43) Isopropyl Acetate	8.43	43	75619	18.84	ug/l	99
44) Trichloroethene	9.09	130	66160	20.68	ug/l	98
45) 1,2-Dichloropropane	9.37	63	66046	20.96	ug/l	97
46) Dibromomethane	9.46	93	32853	20.10	ug/l	99
47) Bromodichloromethane	9.65	83	82108	20.37	ug/l	98
48) Methyl methacrylate	9.44	41	36167	18.63	ug/l	94
49) 1,4-Dioxane	9.46	88	10257	408.15	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	202350	94.62	ug/l	99
52) Toluene	10.39	92	164047	21.49	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	84159	19.97	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	97404	20.20	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	47458	20.64	ug/l	99
56) Ethyl methacrylate	10.65	69	55977	18.96	ug/l	97
57) 1,3-Dichloropropane	10.94	76	79662	19.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	139511	102.28	ug/l	99
59) 2-Hexanone	10.98	43	140694	93.35	ug/l	98
60) Dibromochloromethane	11.13	129	53127	19.84	ug/l	99
61) 1,2-Dibromoethane	11.24	107	44695	20.43	ug/l	99
64) Tetrachloroethene	10.87	164	55463	20.73	ug/l	98
65) Chlorobenzene	11.66	112	170137	20.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57539	19.97	ug/l	98
67) Ethyl Benzene	11.74	91	289783	19.89	ug/l	100
68) m/p-Xylenes	11.84	106	230748	41.44	ug/l	97
69) o-Xylene	12.17	106	105963	20.52	ug/l	99
70) Styrene	12.19	104	181654	21.06	ug/l	99
71) Bromoform	12.35	173	31693	19.48	ug/l #	98
73) Isopropylbenzene	12.47	105	294307	19.76	ug/l	98
74) N-amyl acetate	12.28	43	69356	17.87	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	56484	19.61	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37389m	17.86	ug/l	
77) Bromobenzene	12.76	156	70195	19.69	ug/l	99
78) n-propylbenzene	12.81	91	366199	20.04	ug/l	100
79) 2-Chlorotoluene	12.90	91	209693	20.34	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	254095	20.27	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	17408	18.40	ug/l	95
82) 4-Chlorotoluene	12.99	91	225091	20.35	ug/l	100
83) tert-Butylbenzene	13.21	119	208226	19.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	262445	20.35	ug/l	99
85) sec-Butylbenzene	13.39	105	312571	20.02	ug/l	100
86) p-Isopropyltoluene	13.51	119	277470	20.26	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	144481	20.29	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	139177	19.49	ug/l	98
89) n-Butylbenzene	13.83	91	264161	19.62	ug/l	99
90) Hexachloroethane	14.10	117	50322	19.93	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	126856	20.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9464	18.47	ug/l	97

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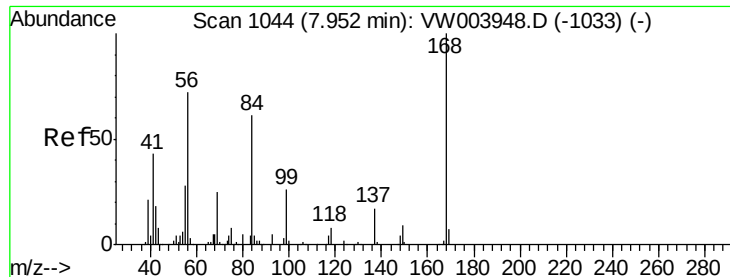
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QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	88083	19.77	ug/l	98
94) Hexachlorobutadiene	15.25	225	51946	20.31	ug/l	98
95) Naphthalene	15.38	128	148372	18.04	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77443	19.63	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

Tot Ion:168 Resp: 280080

Ion Ratio Lower Upper

168 100

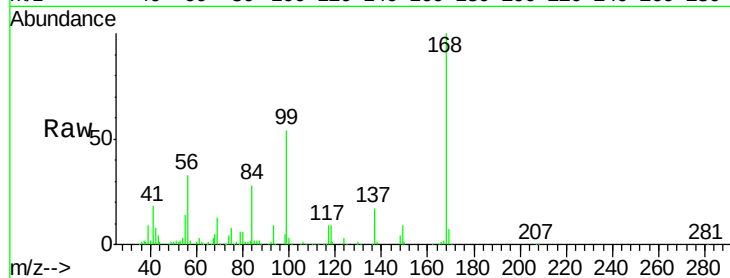
99 54.0 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

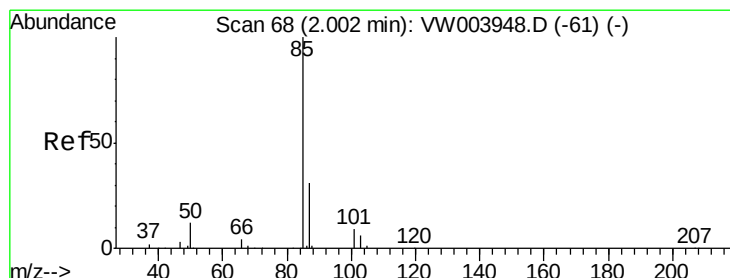
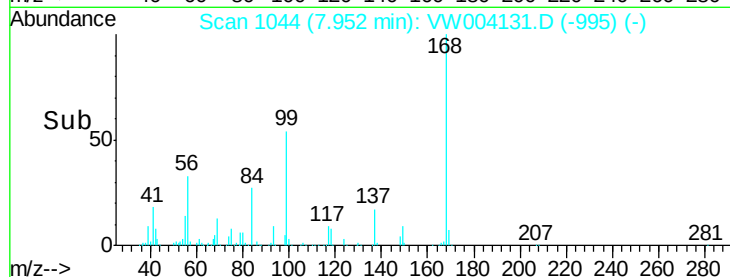
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.65 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004131.D

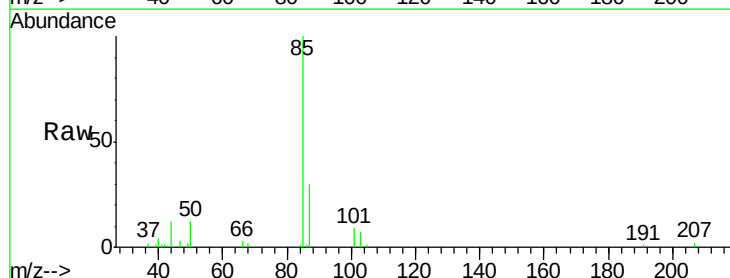
Acq: 23 Jul 2018 12:36

Tgt Ion: 85 Resp: 26195

Ion Ratio Lower Upper

85 100

87 29.9 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

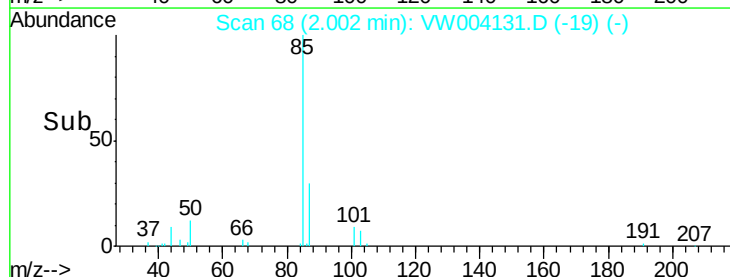
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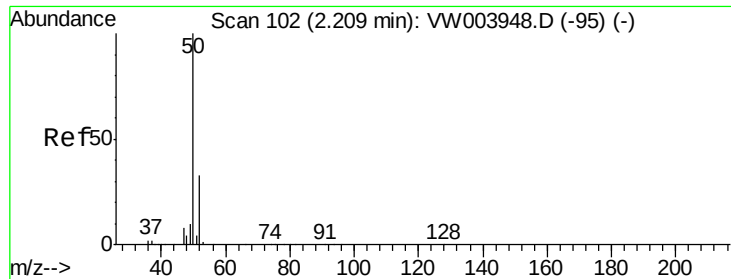
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.12 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

Tot Ion: 50 Resp: 43716

Ion Ratio Lower Upper

50 100

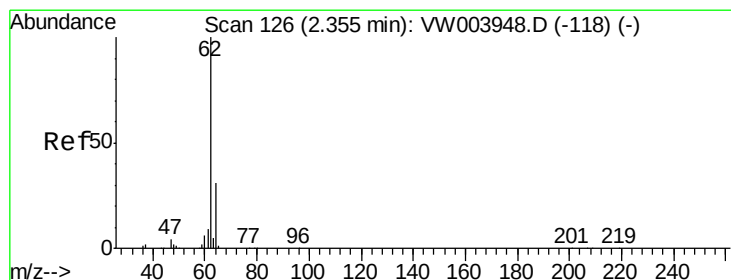
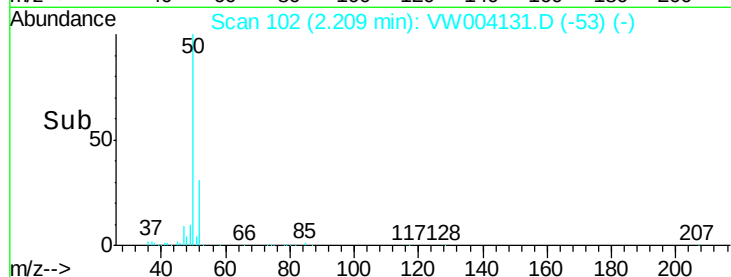
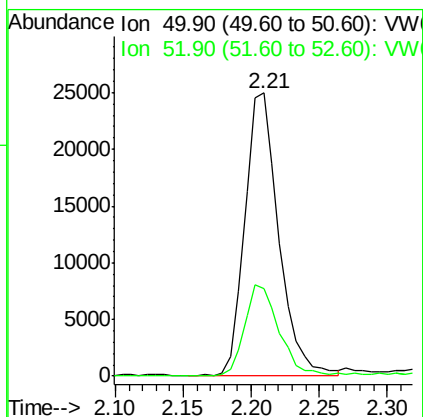
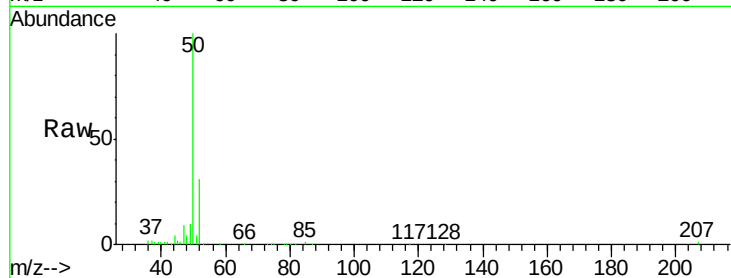
52 30.9 26.3 39.5

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#4

Vinyl Chloride

Concen: 20.10 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004131.D

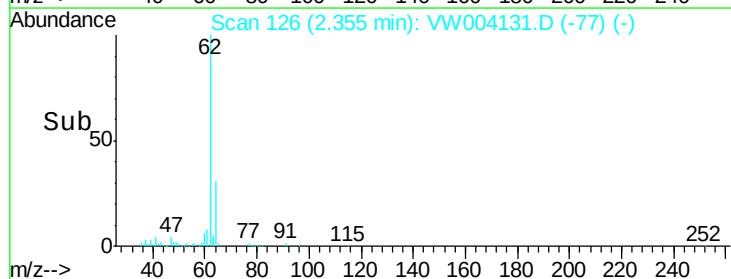
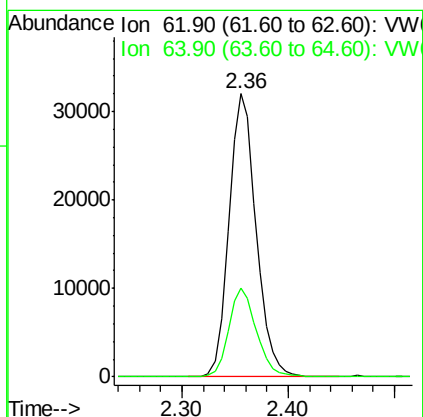
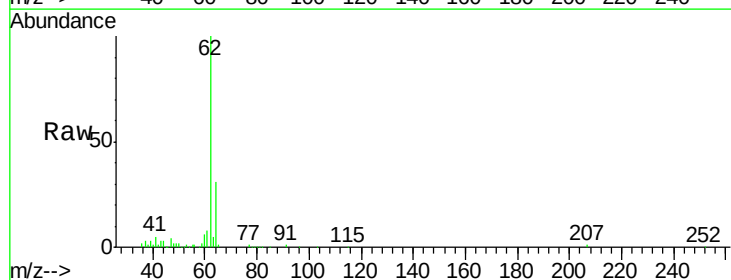
Acq: 23 Jul 2018 12:36

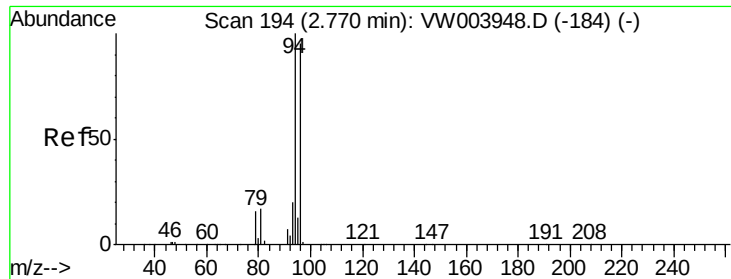
Tgt Ion: 62 Resp: 57237

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.6





#5

Bromomethane

Concen: 19.29 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 94 Resp: 34326

Ion Ratio Lower Upper

94 100

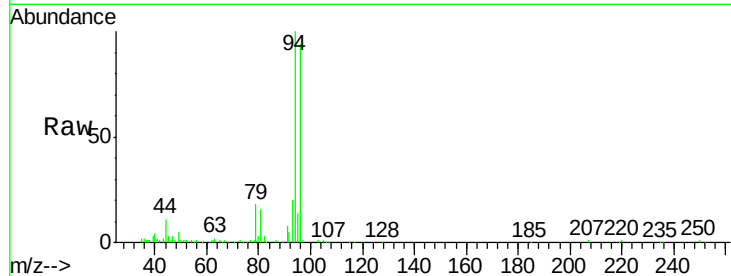
96 93.5 75.8 113.6

Manual Integrations

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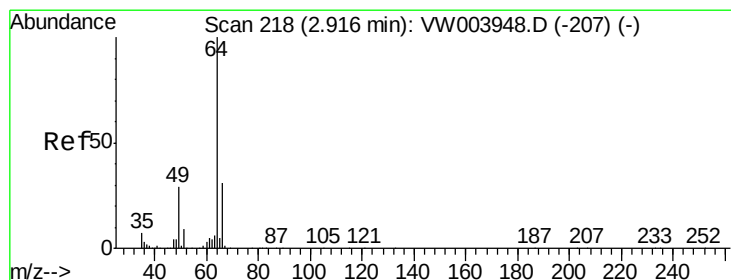
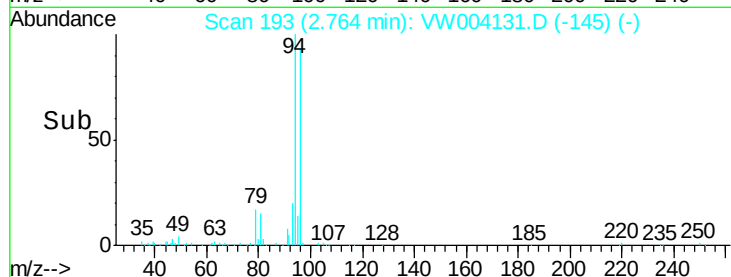
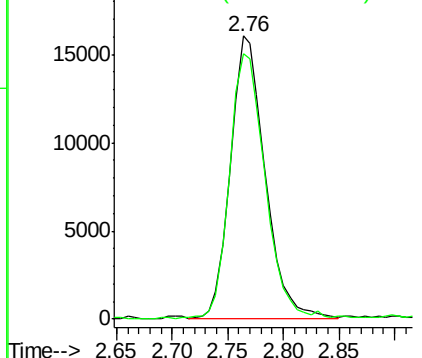
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.87 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW004131.D

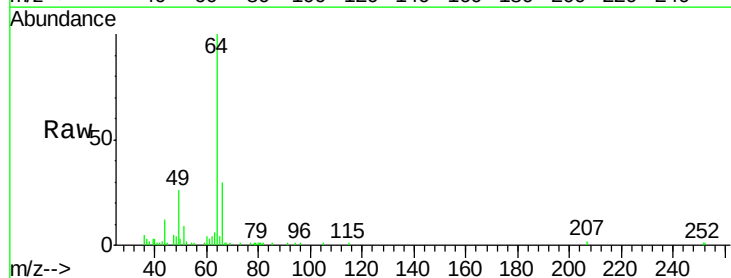
Acq: 23 Jul 2018 12:36

Tgt Ion: 64 Resp: 30534

Ion Ratio Lower Upper

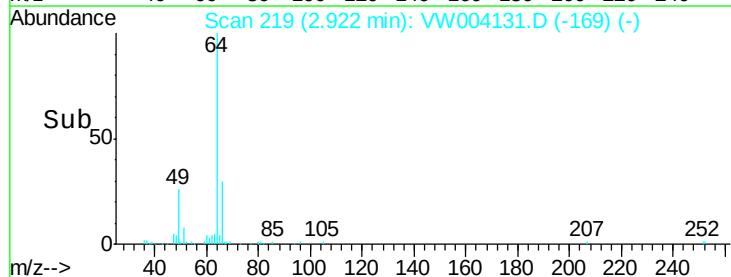
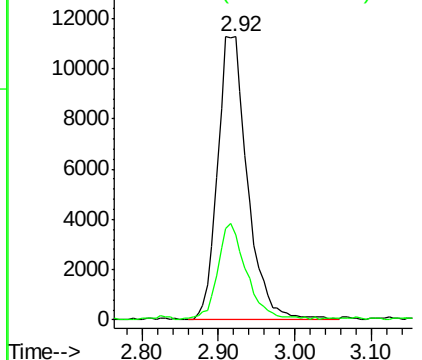
64 100

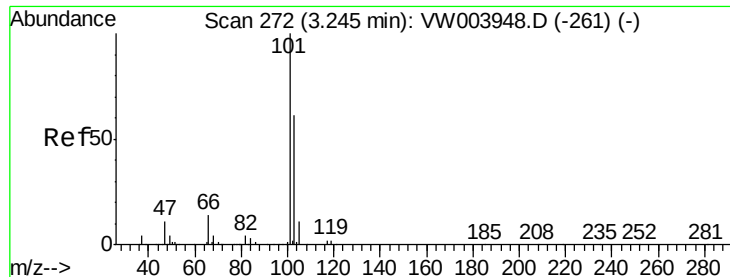
66 29.3 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

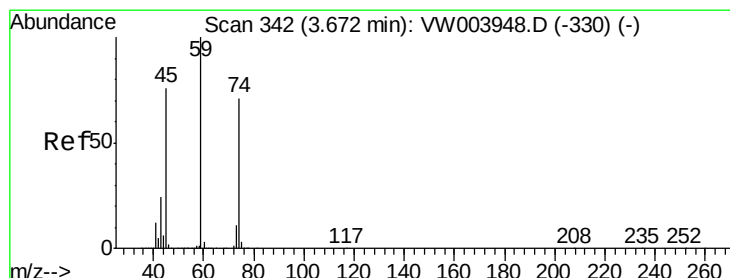
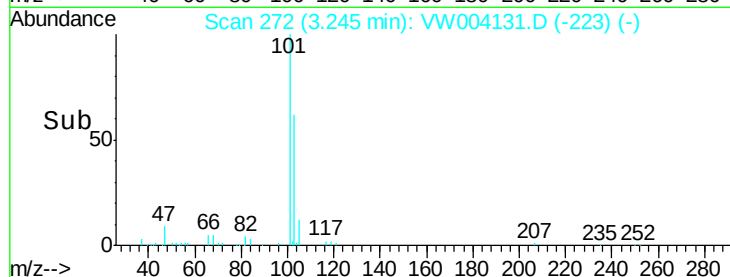
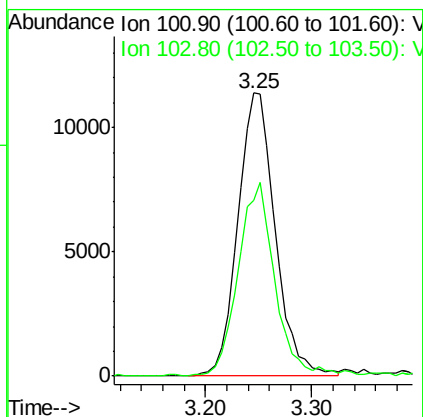
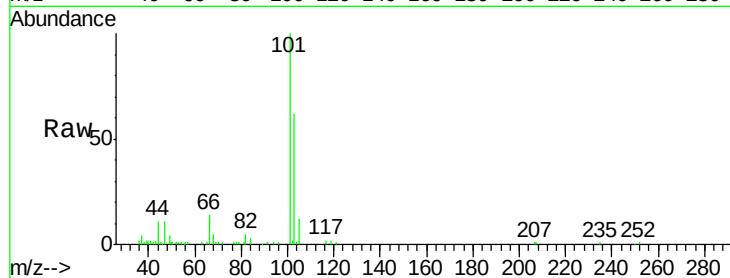
Trichlorofluoromethane
 Concen: 23.48 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

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 ClientSampleId :
 VW0723SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	49.0	73.6

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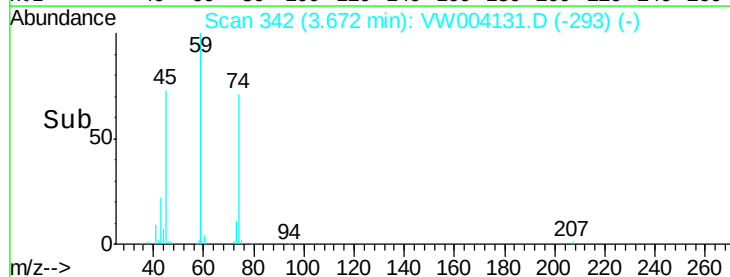
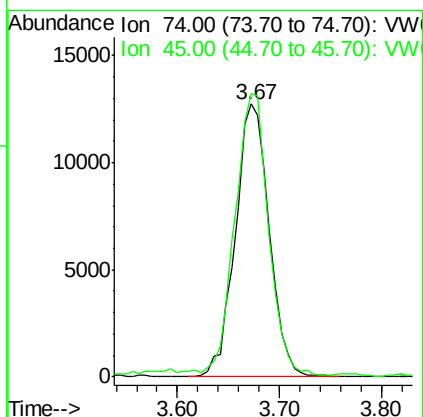
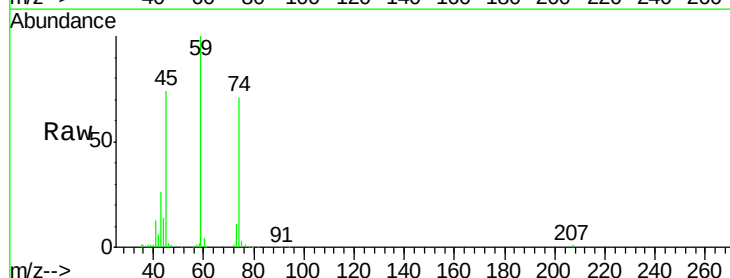
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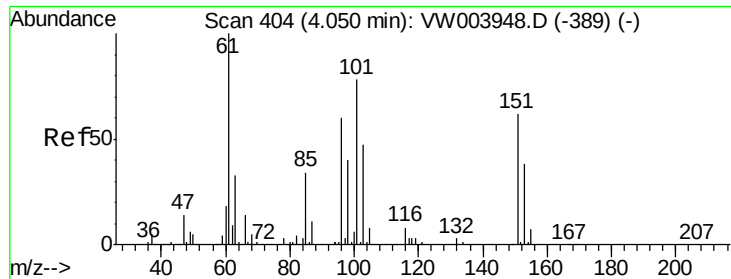


#8

Diethyl Ether
 Concen: 21.14 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.26 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

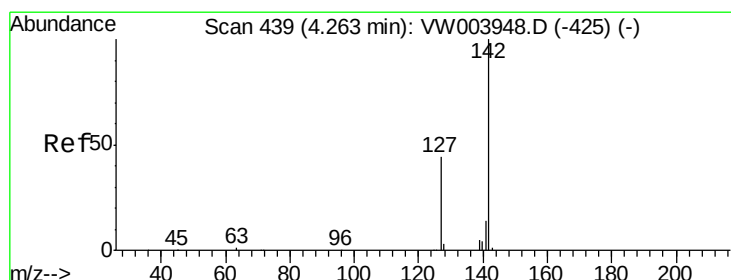
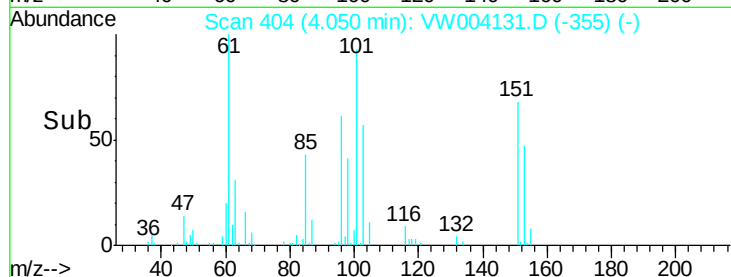
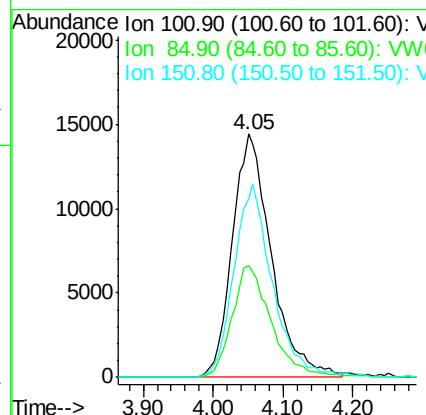
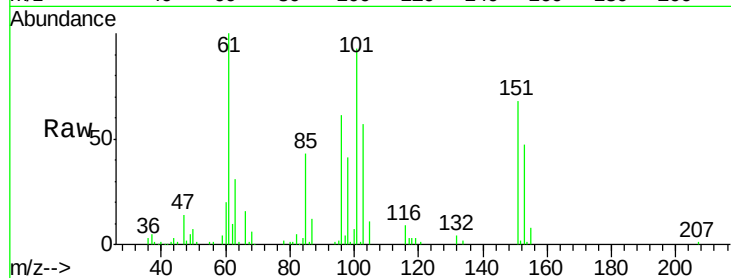
ClientSampleId :

VW0723SBS01

Tot Ion:	101	Resp:	55889
Ion Ratio	Lower	Upper	
101	100		
85	46.0	35.8	53.6
151	77.7	63.6	95.4

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#10

Methyl Iodide

Concen: 20.35 ug/l

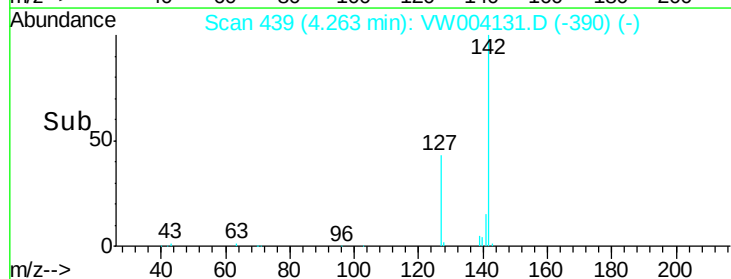
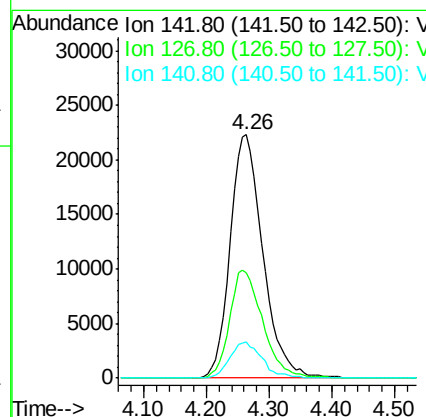
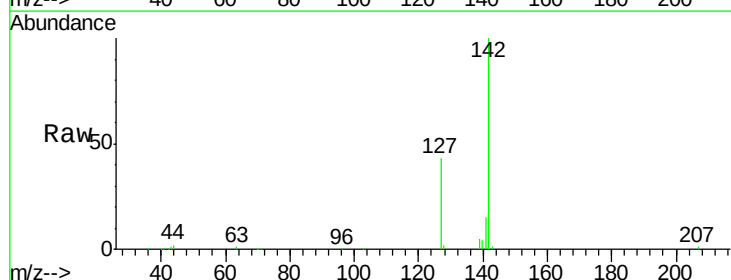
RT: 4.26 min Scan# 439

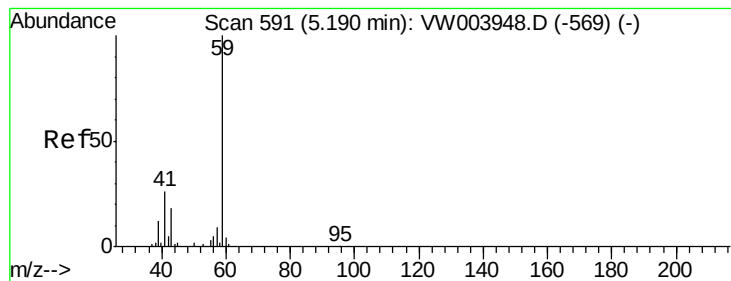
Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion:	142	Resp:	80636
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.4	53.2
141	14.7	11.7	17.5





#11

Tert butyl alcohol

Concen: 84.66 ug/l

RT: 5.21 min Scan# 594

Delta R.T. 0.02 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleID :

VW0723SBS01

Tot Ion: 59 Resp: 18298

Ion Ratio Lower Upper

59 100

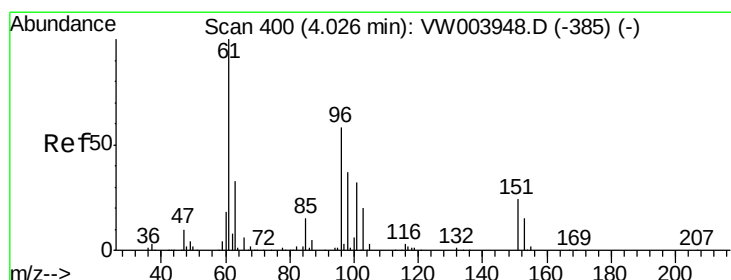
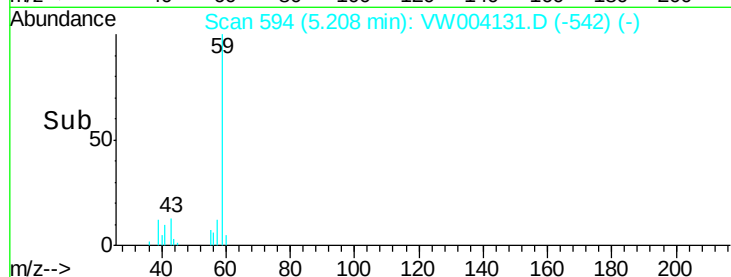
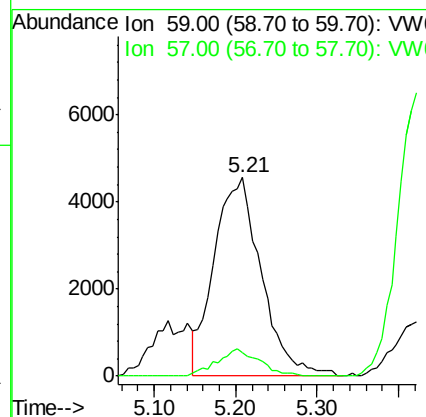
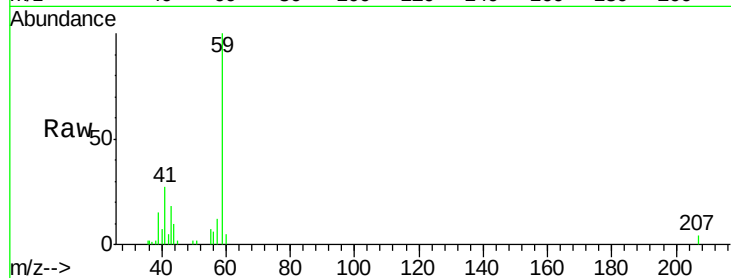
57 12.5 8.5 12.7

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#12

1,1-Dichloroethene

Concen: 20.32 ug/l

RT: 4.03 min Scan# 400

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

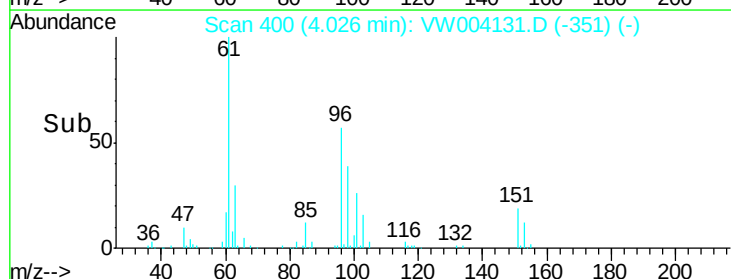
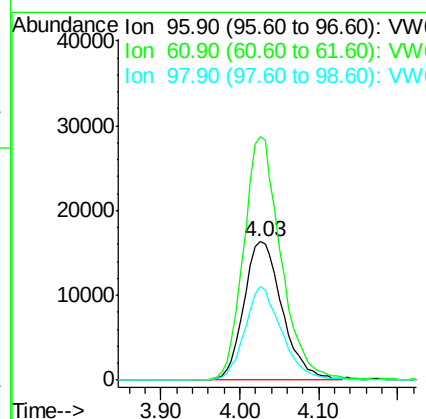
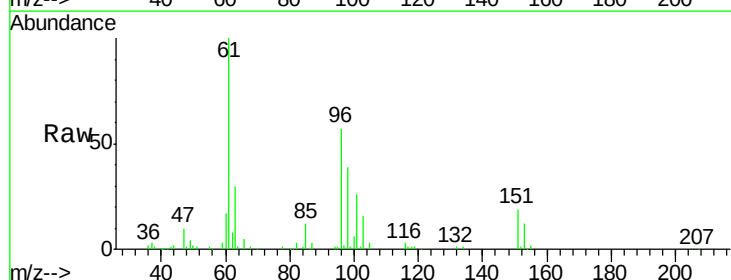
Tgt Ion: 96 Resp: 55311

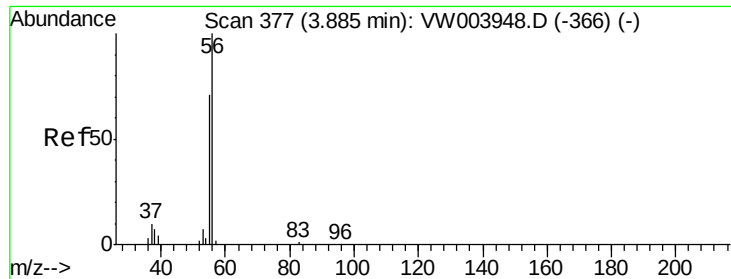
Ion Ratio Lower Upper

96 100

61 176.4 137.0 205.6

98 68.2 50.2 75.4





#13

Acrolein

Concen: 90.80 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

Tot Ion: 56 Resp: 20164

Ion Ratio Lower Upper

56 100

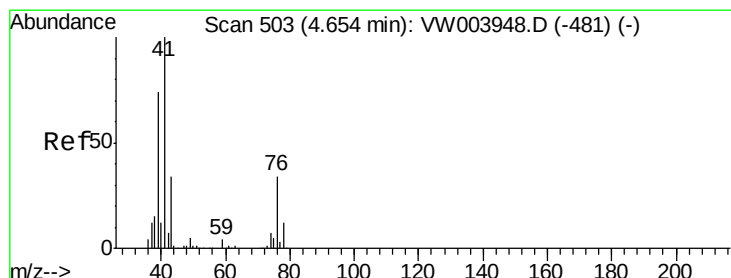
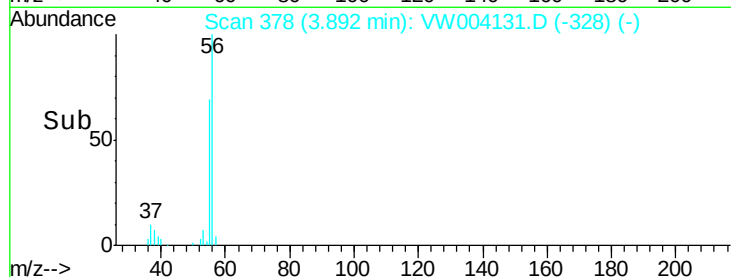
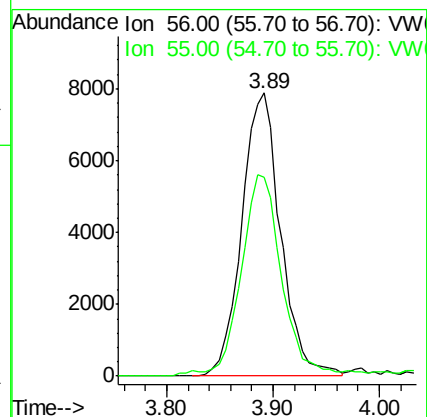
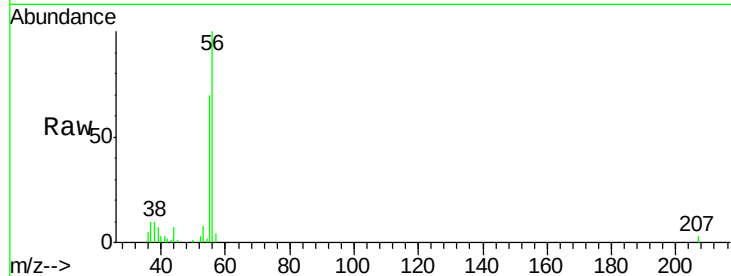
55 74.0 58.2 87.4

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#14

Allyl chloride

Concen: 21.57 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

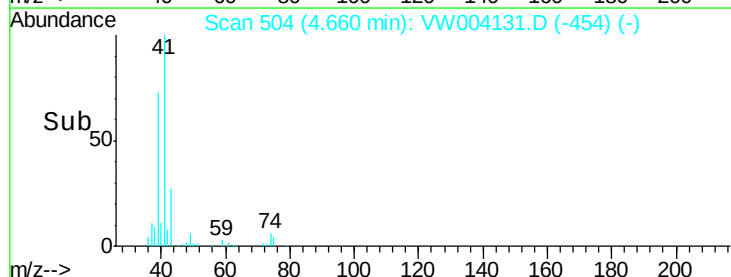
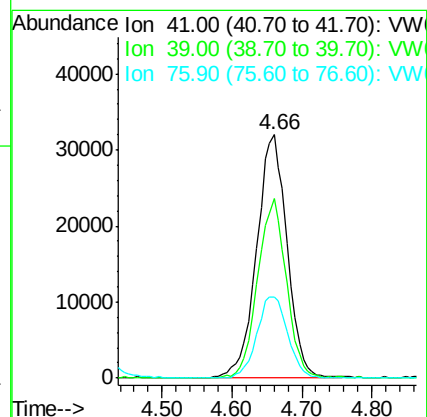
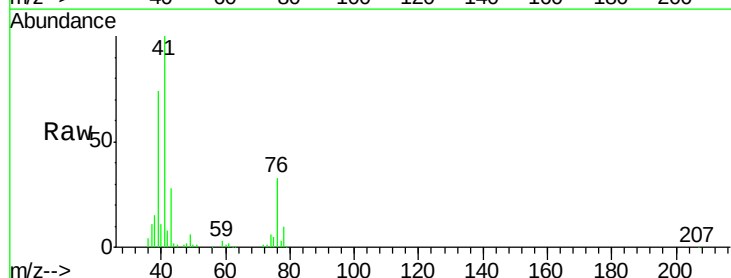
Tgt Ion: 41 Resp: 96898

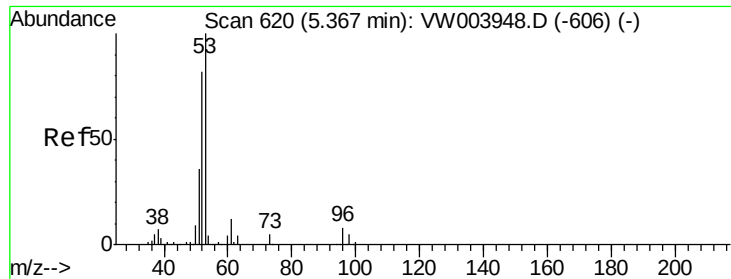
Ion Ratio Lower Upper

41 100

39 69.8 57.0 85.4

76 33.9 26.5 39.7





#15

Acrylonitrile

Concen: 98.00 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

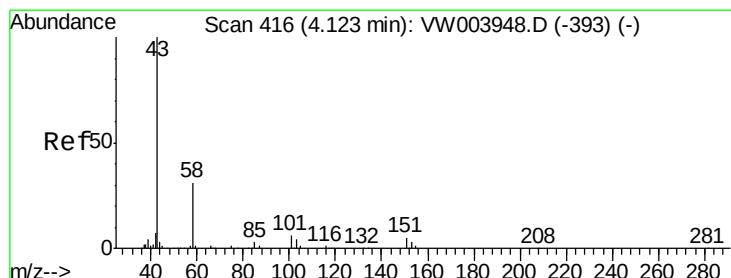
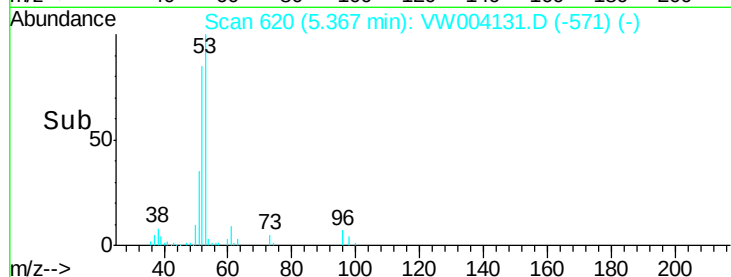
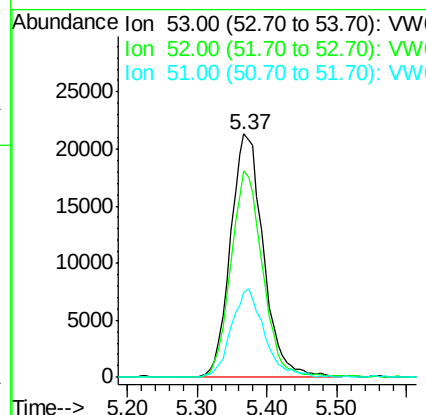
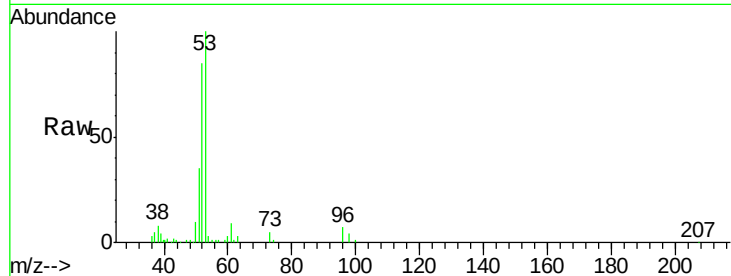
ClientSampleId :

VW0723SBS01

Tot Ion:	53	Resp:	69687
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.1	99.1
51	36.5	29.8	44.6

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#16

Acetone

Concen: 91.57 ug/l

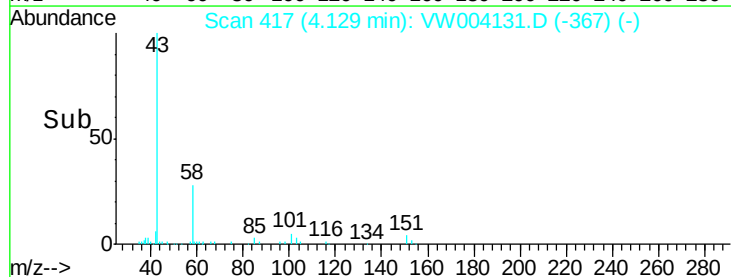
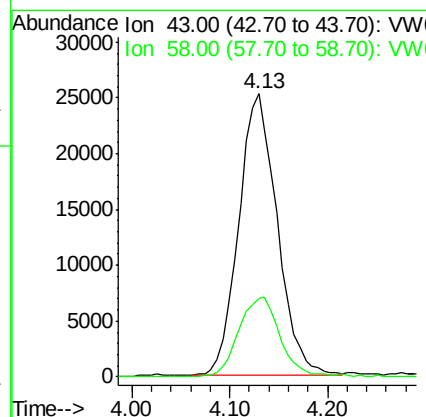
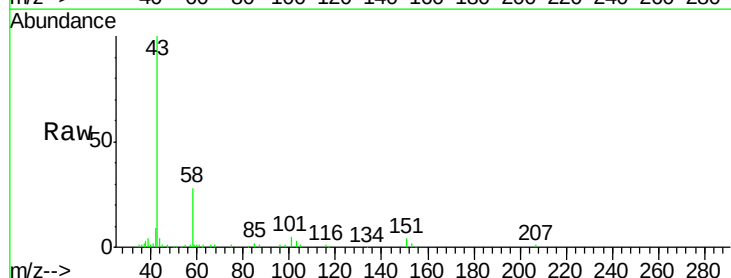
RT: 4.13 min Scan# 417

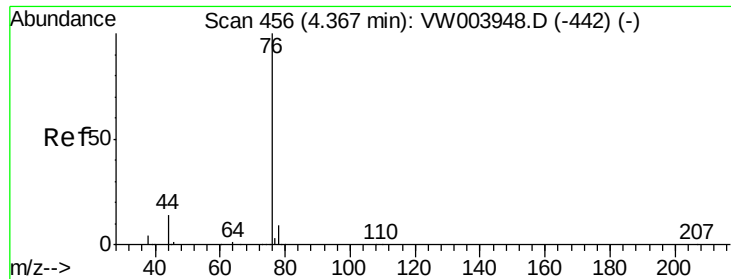
Delta R.T. 0.01 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion:	43	Resp:	68889
Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.5	36.7





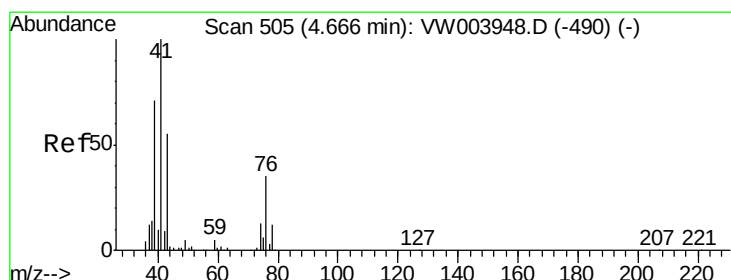
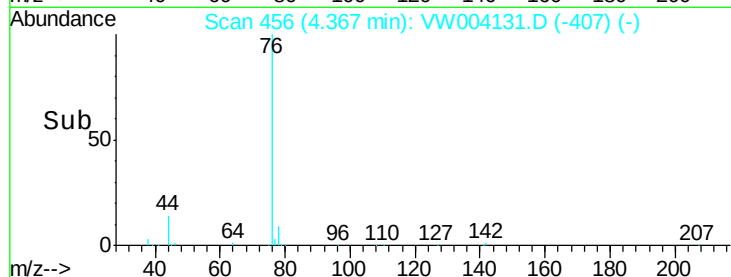
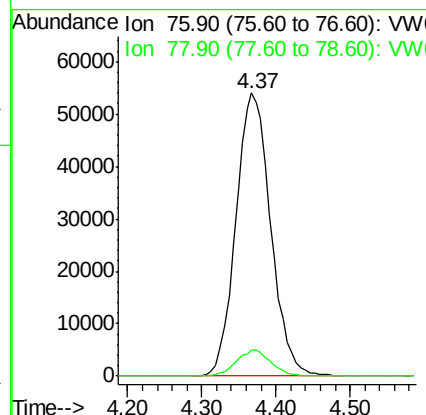
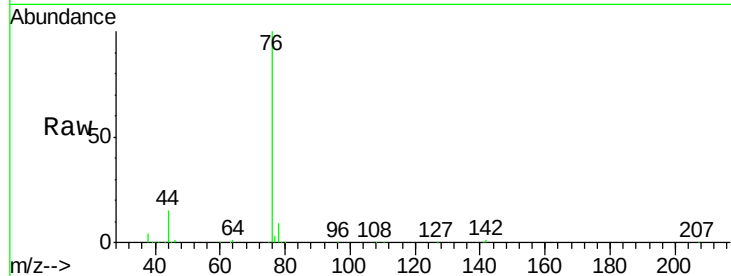
#17
Carbon Disulfide
Concen: 20.78 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

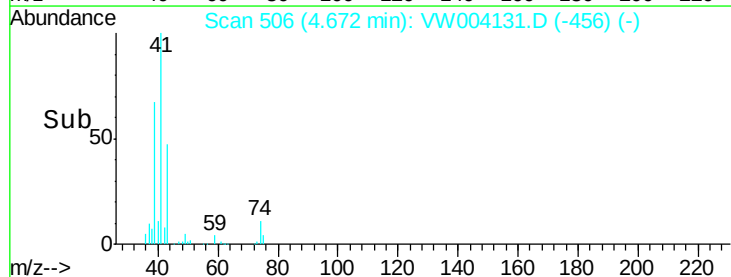
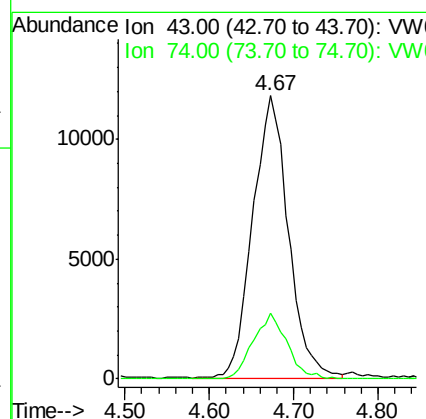
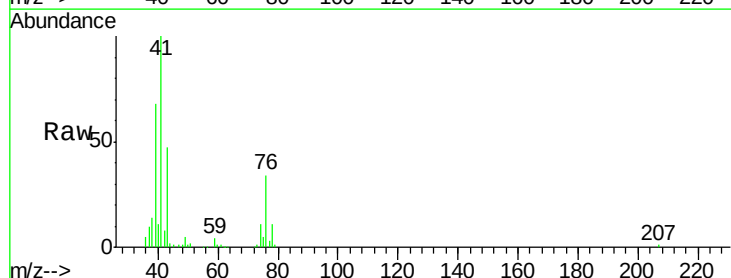
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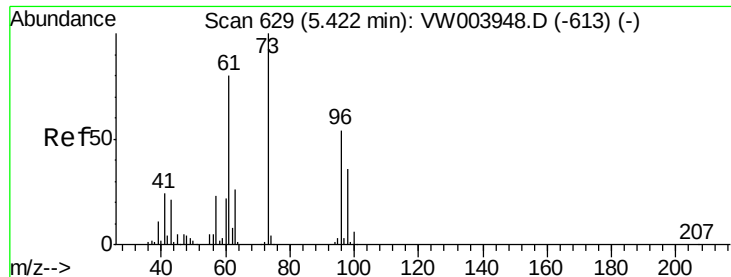
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#18
Methyl Acetate
Concen: 19.01 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.7	26.5





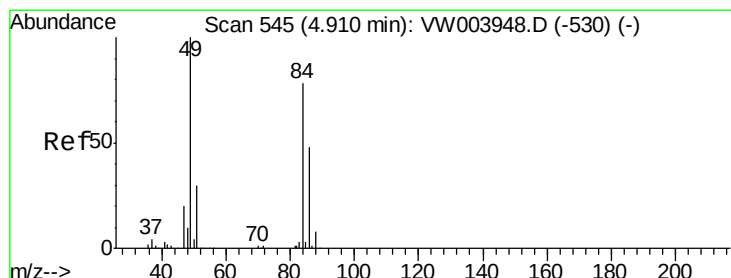
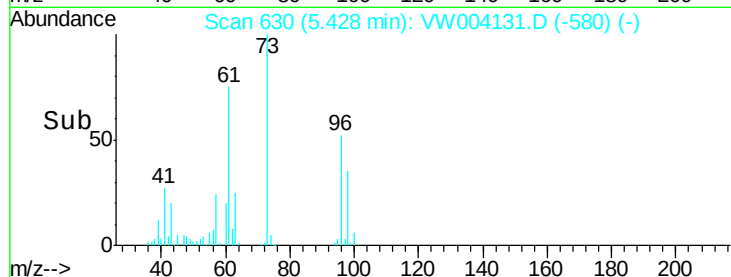
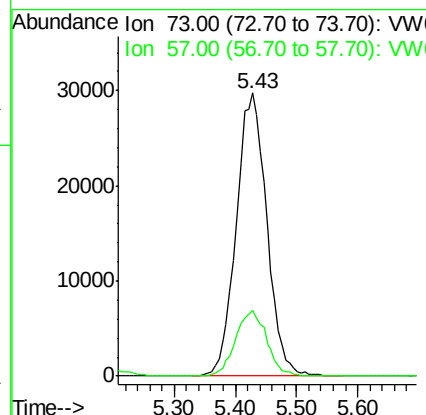
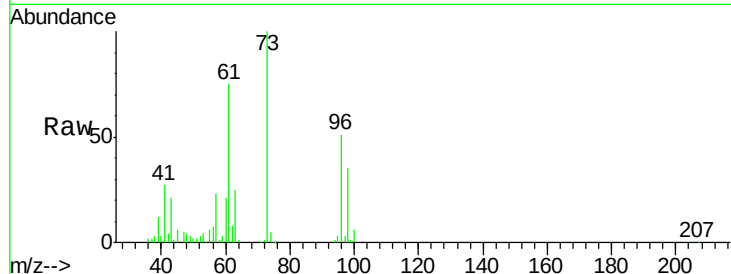
#19
Methyl tert-butyl Ether
Concen: 19.60 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion: 73 Resp: 102266
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4

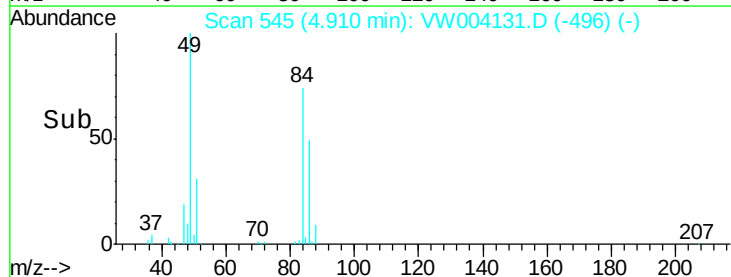
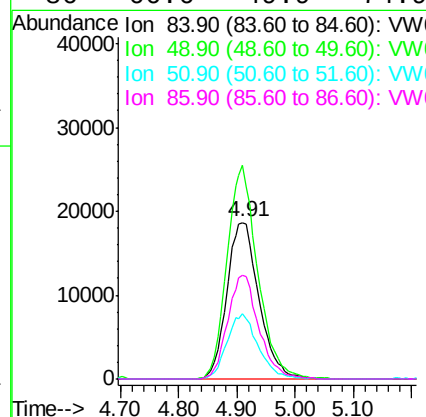
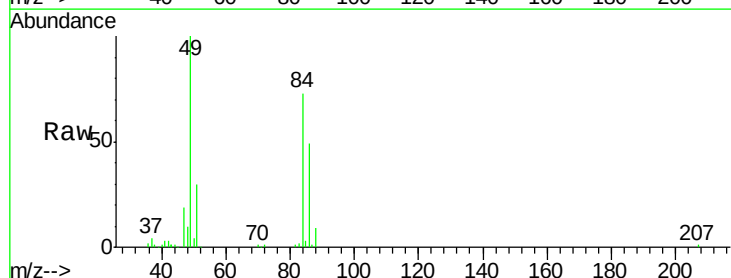
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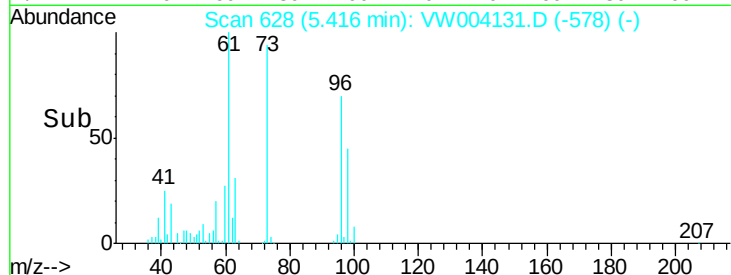
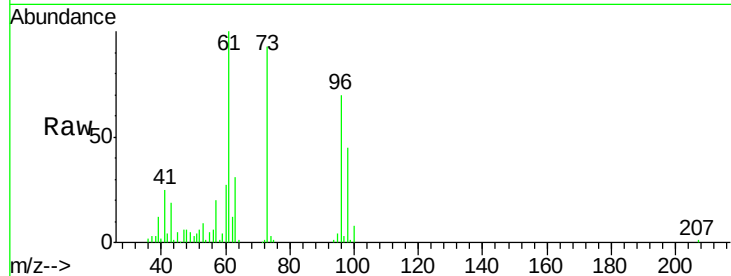
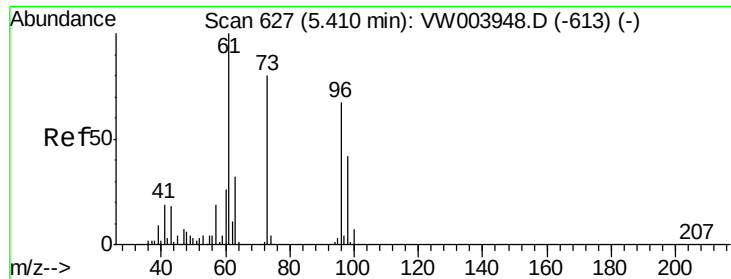
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#20
Methylene Chloride
Concen: 16.22 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion: 84 Resp: 71503
Ion Ratio Lower Upper
84 100
49 136.7 102.9 154.3
51 41.6 30.9 46.3
86 66.6 49.9 74.9





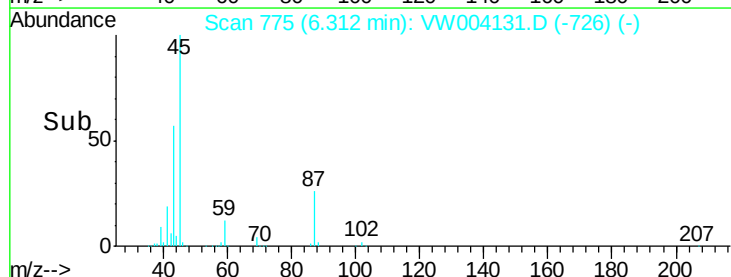
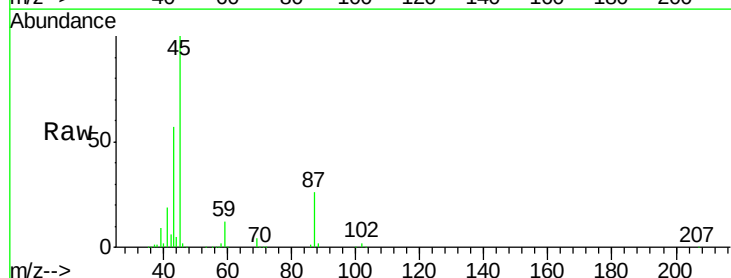
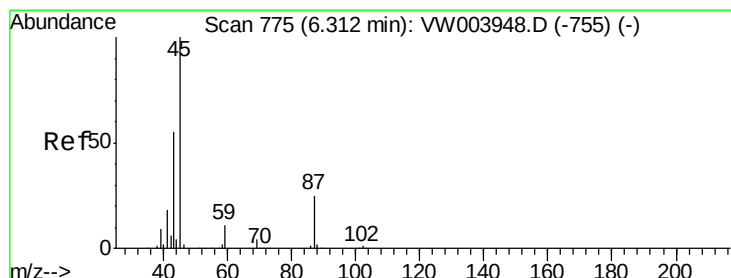
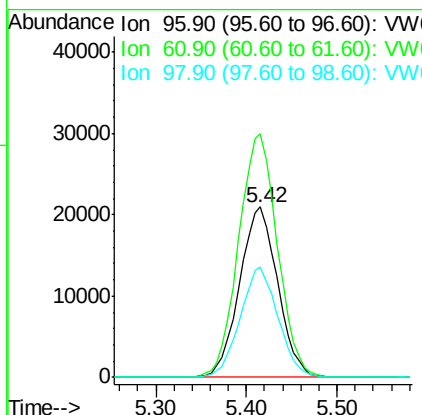
#21
trans-1,2-Dichloroethene
Concen: 20.44 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.01 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	119.0	178.4
98	64.6	49.9	74.9

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

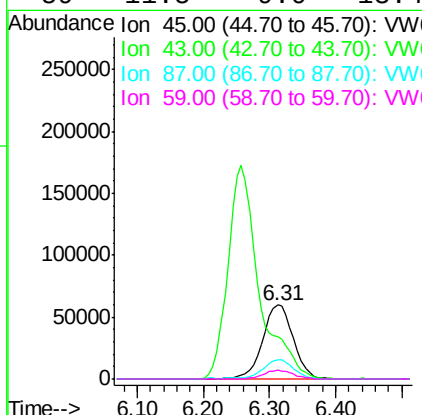
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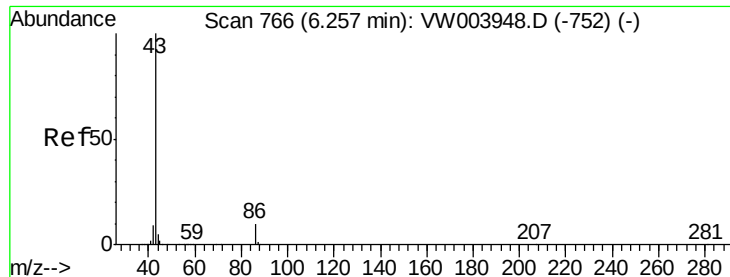
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#22
Diisopropyl ether
Concen: 21.23 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.3	44.3	66.5
87	25.8	20.2	30.4
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 98.17 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 43 Resp: 564806

Ion Ratio Lower Upper

43 100

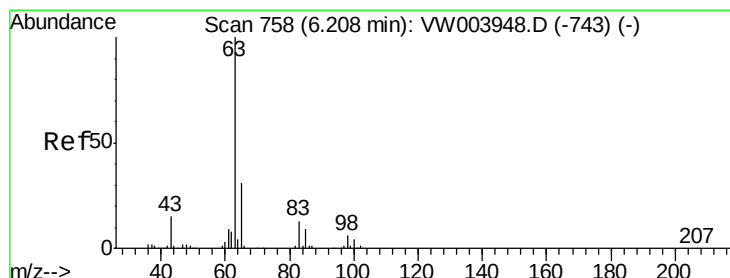
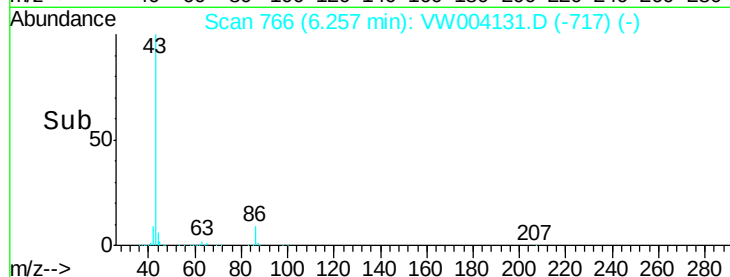
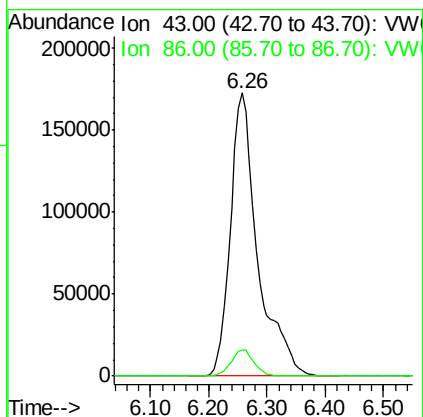
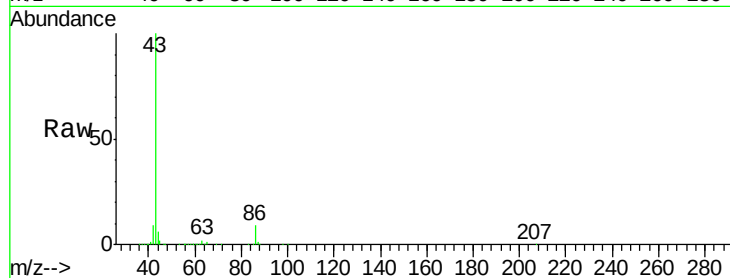
86 9.1 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 20.92 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

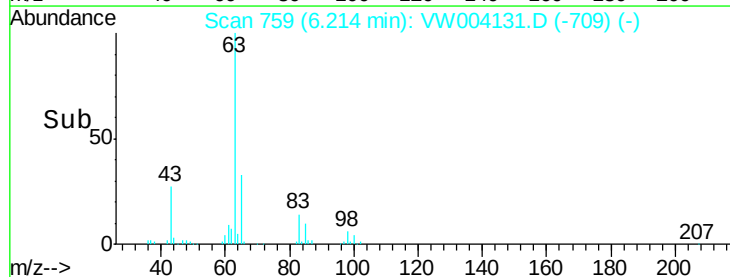
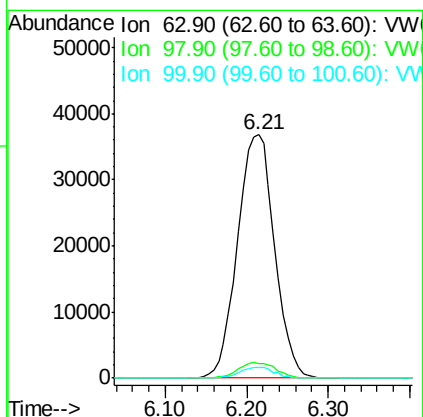
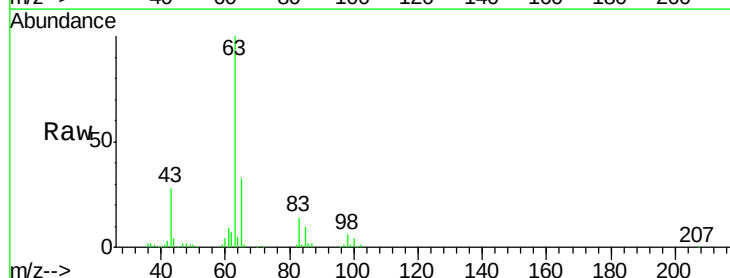
Tgt Ion: 63 Resp: 115915

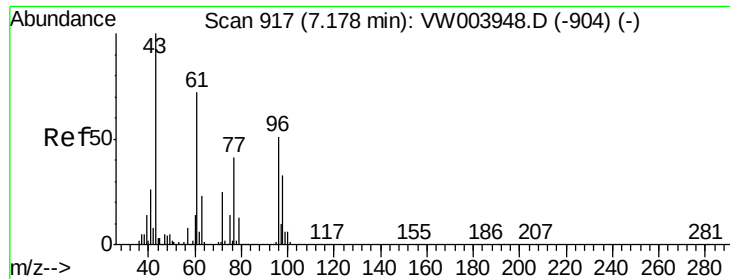
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 93.26 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 43 Resp: 94420

Ion Ratio Lower Upper

43 100

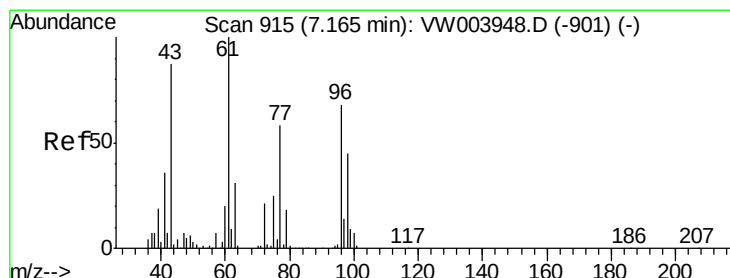
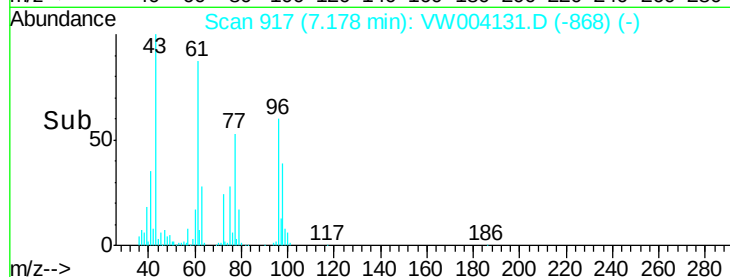
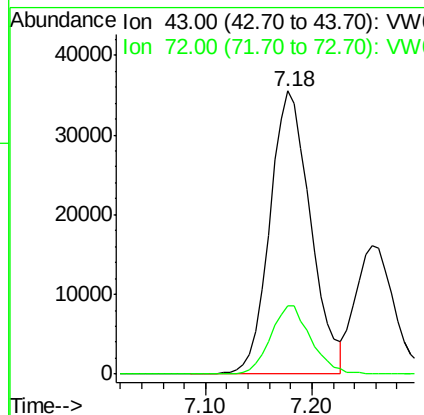
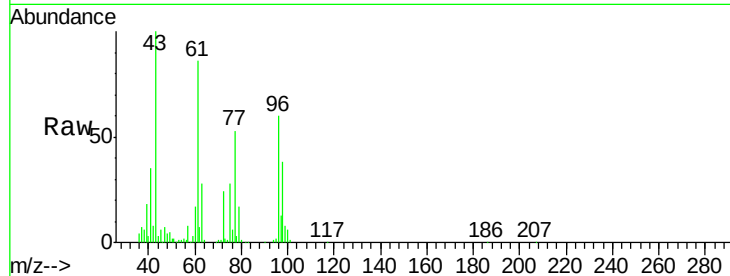
72 24.1 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.94 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004131.D

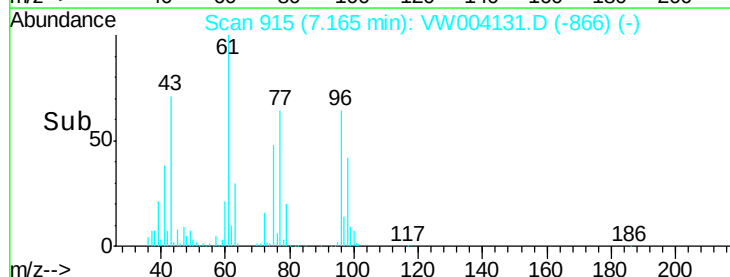
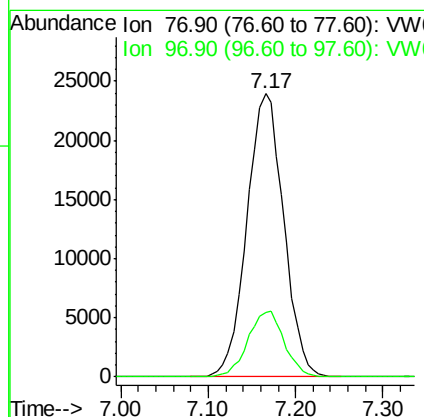
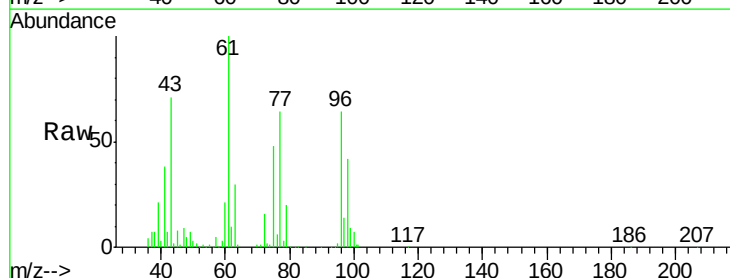
Acq: 23 Jul 2018 12:36

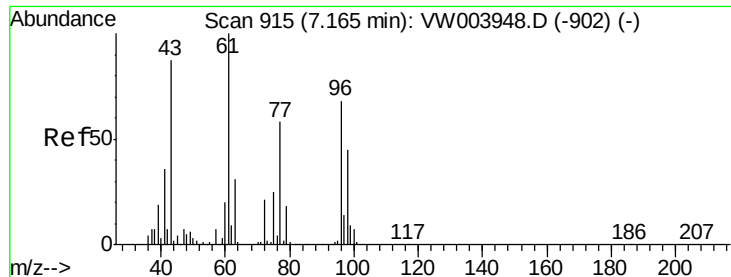
Tgt Ion: 77 Resp: 69764

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.3





#27

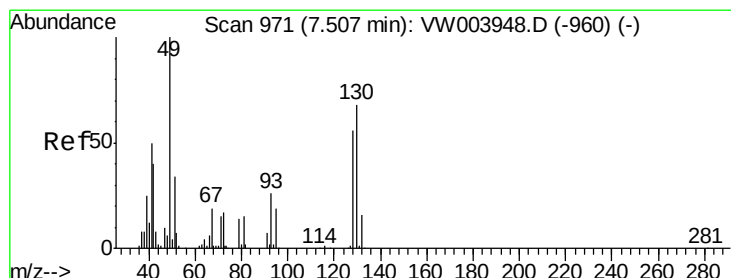
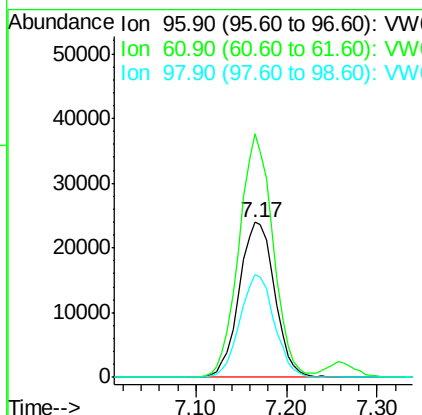
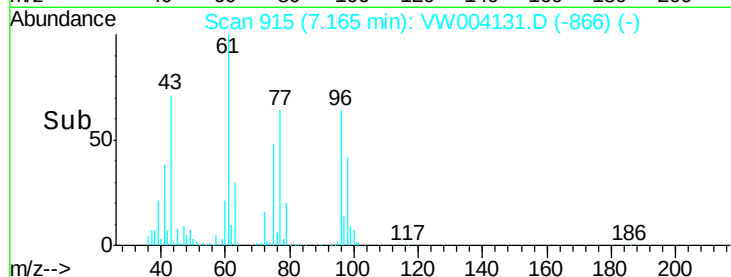
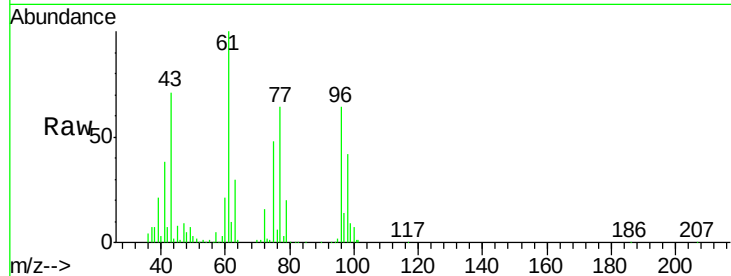
cis-1,2-Dichloroethene
 Concen: 20.15 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	298.6
98	64.2	0.0	130.4

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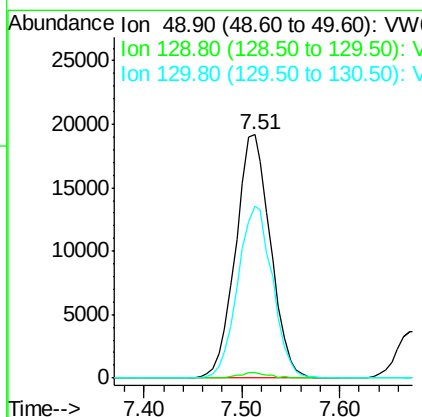
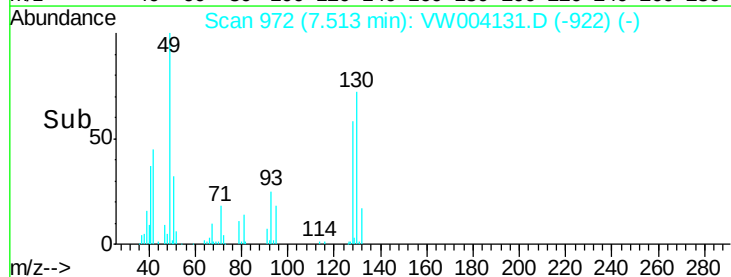
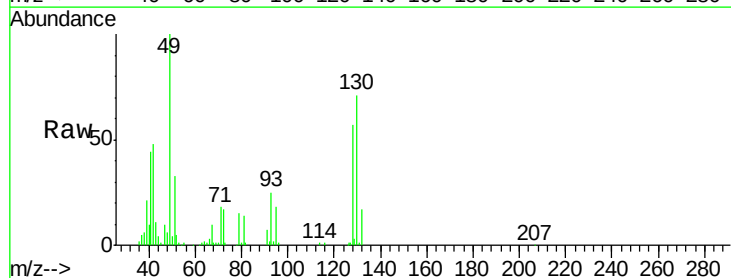
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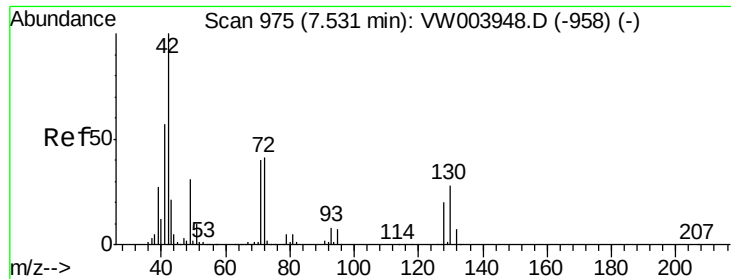


#28

Bromochloromethane
 Concen: 20.91 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	70.5	58.3	87.5





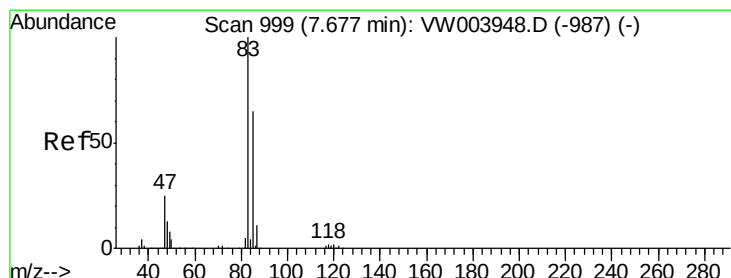
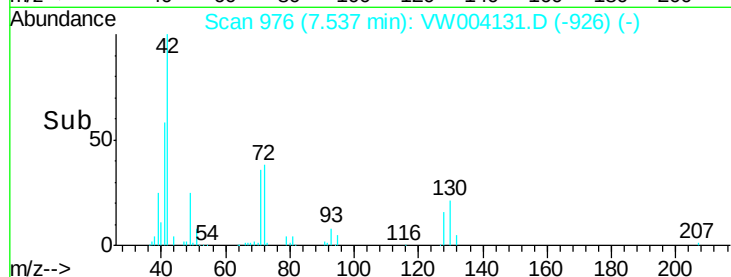
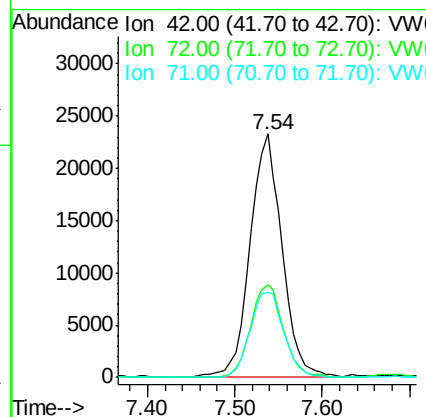
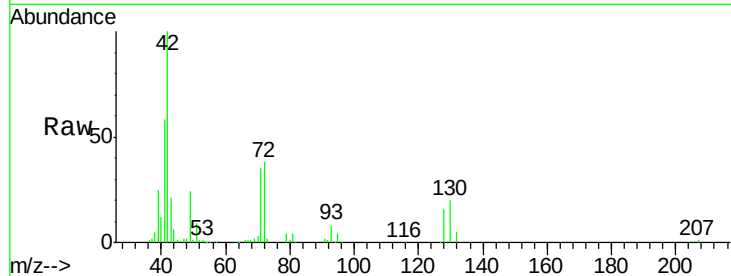
#29
Tetrahydrofuran
Concen: 93.89 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	32.6	48.8
71	37.1	30.5	45.7

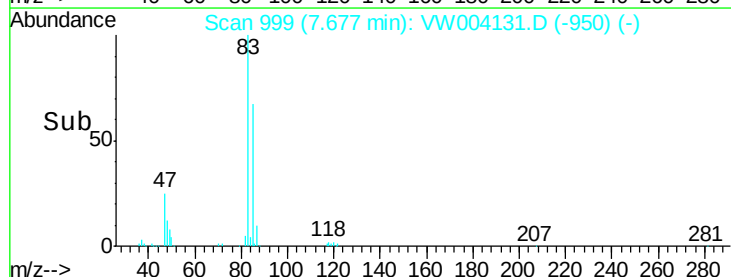
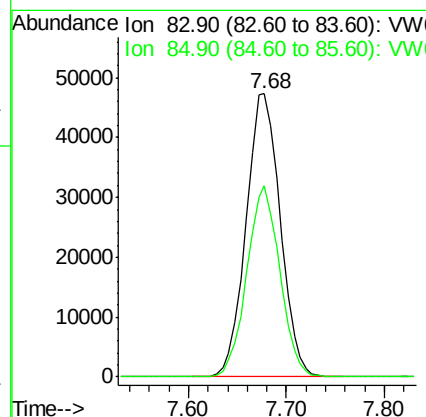
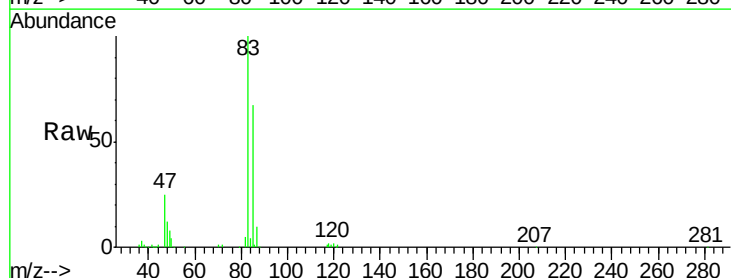
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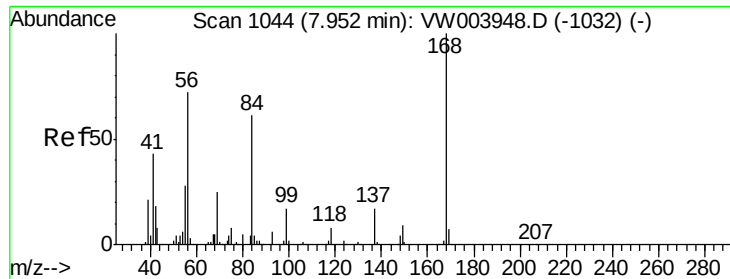
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#30
Chloroform
Concen: 20.83 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.2	78.4





#31

Cyclohexane

Concen: 19.96 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

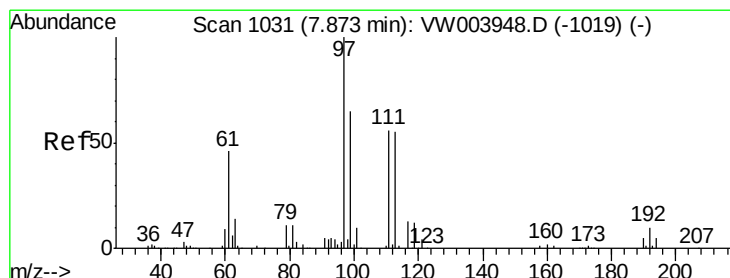
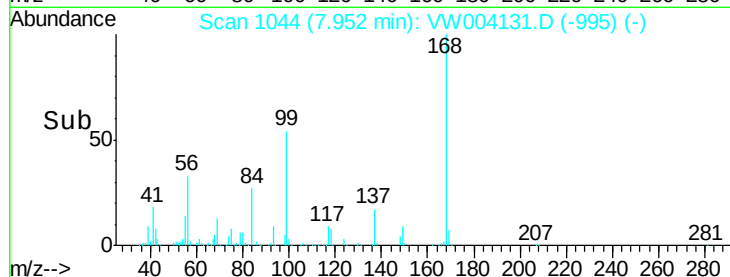
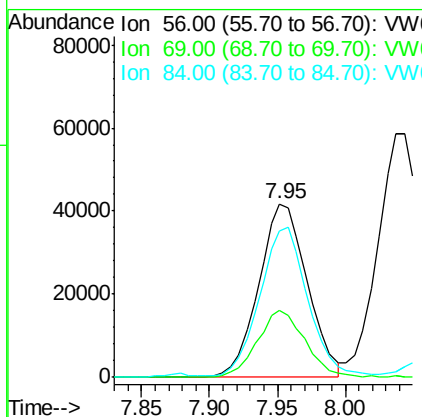
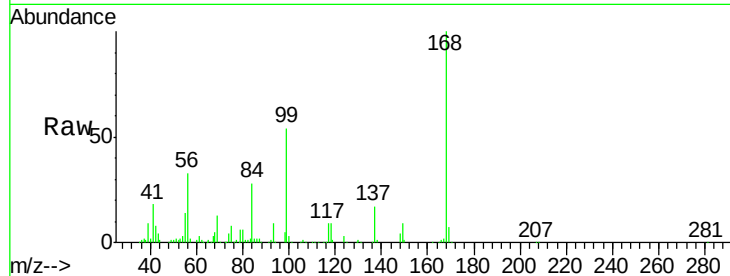
ClientSampleId :

VW0723SBS01

Tot Ion:	56	Resp:	103646
Ion	Ratio	Lower	Upper
56	100		
69	38.6	27.8	41.8
84	84.0	67.2	100.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.07 ug/l

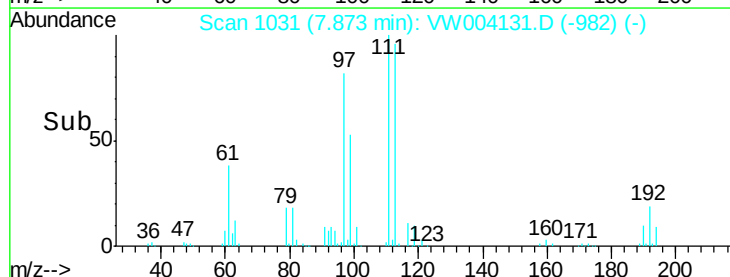
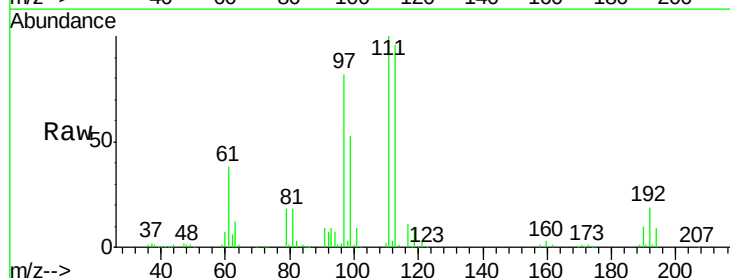
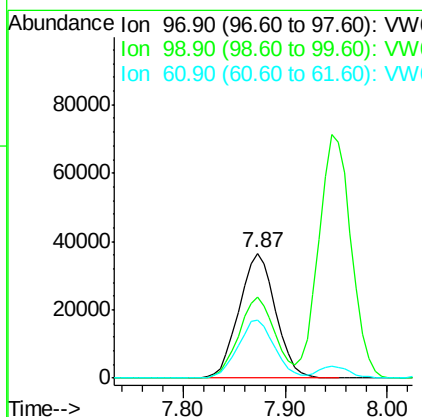
RT: 7.87 min Scan# 1031

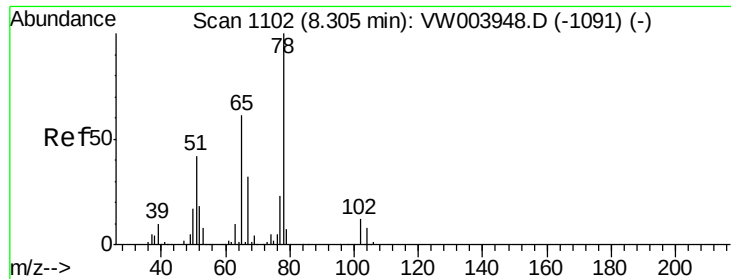
Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion:	97	Resp:	90670
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	46.2	36.8	55.2





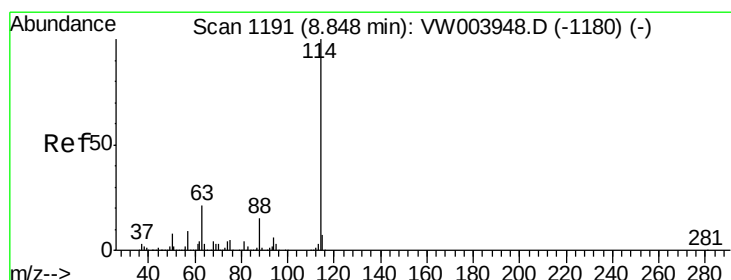
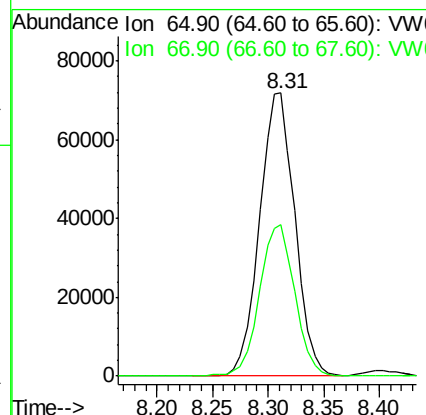
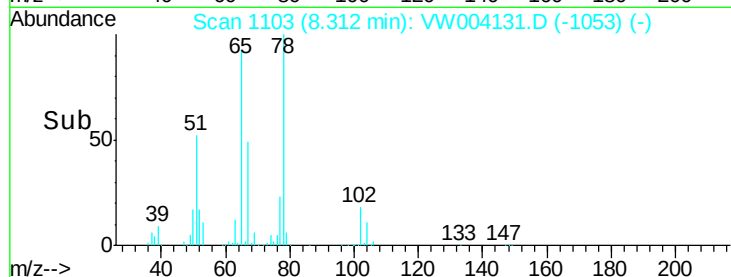
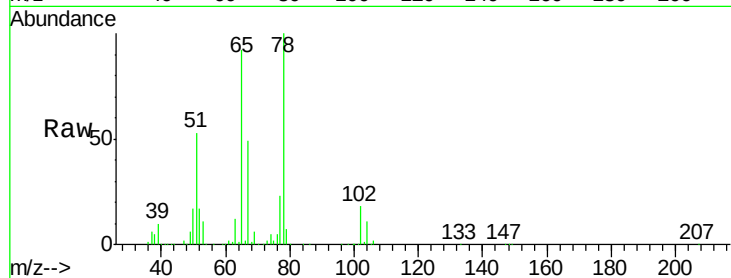
#33
 1,2-Dichloroethane-d4
 Concen: 50.61 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.7	0.0	105.0	

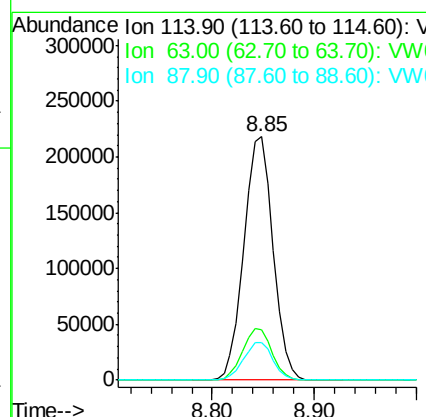
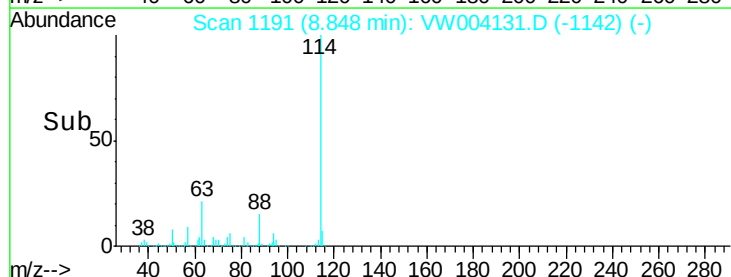
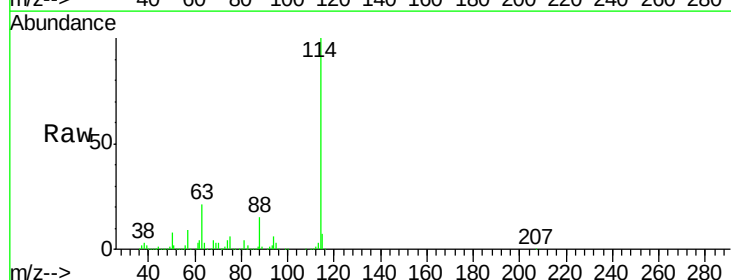
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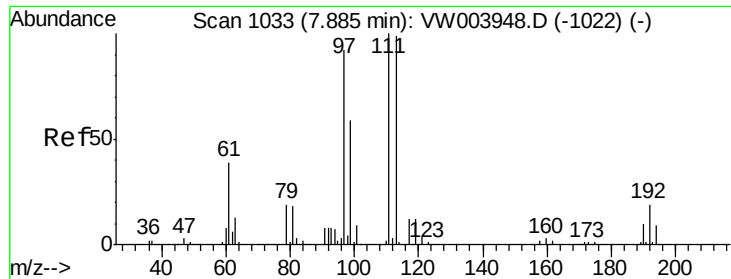
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.6	0.0	42.8	
88	15.2	0.0	30.4	





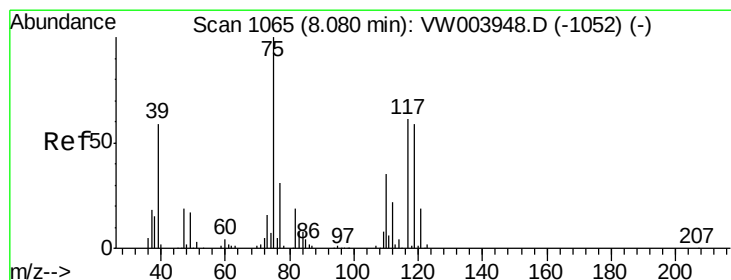
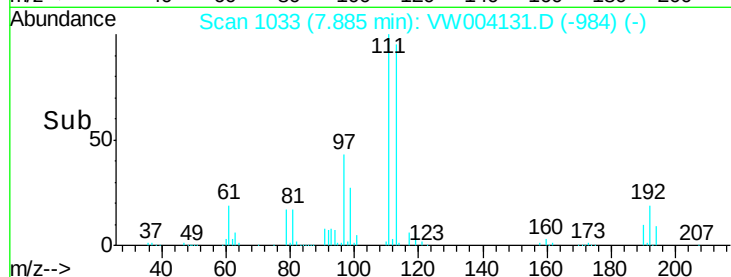
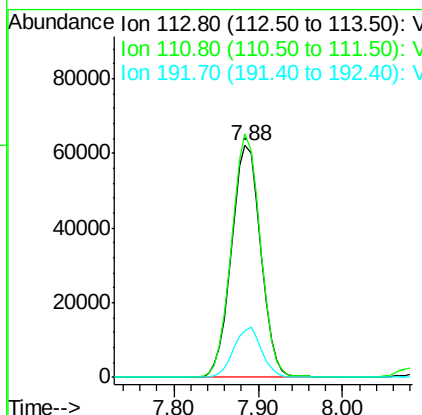
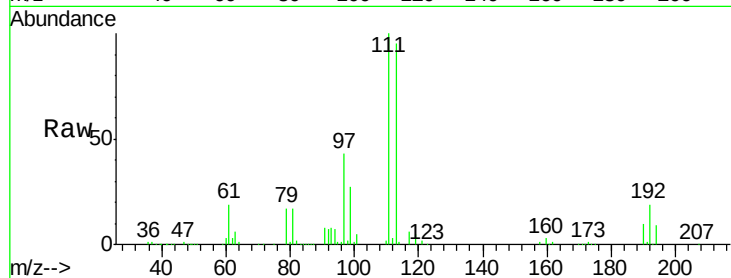
#35
 Dibromofluoromethane
 Concen: 52.49 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145635		
111	103.0	81.3	121.9	
192	20.5	15.8	23.6	

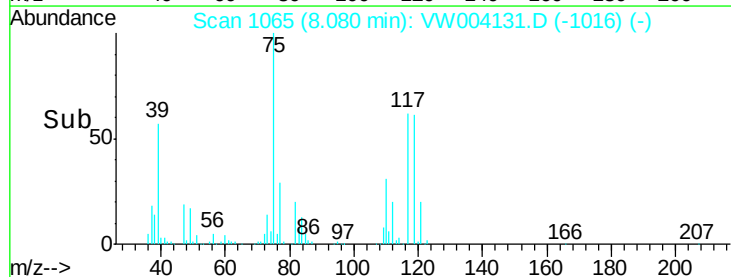
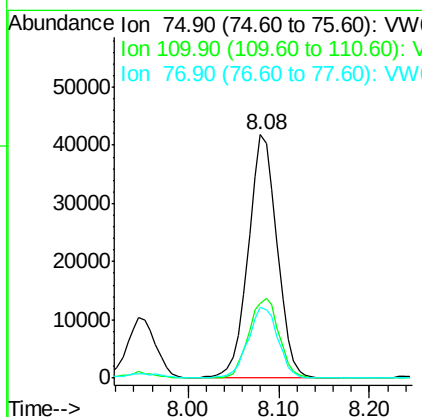
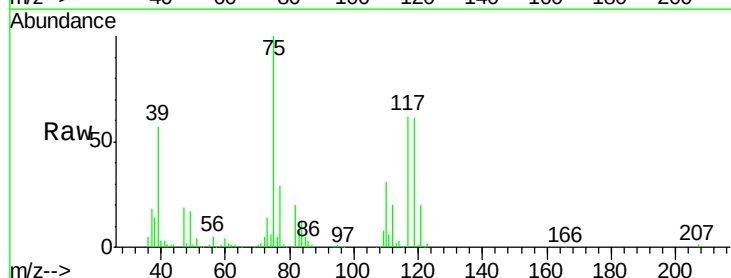
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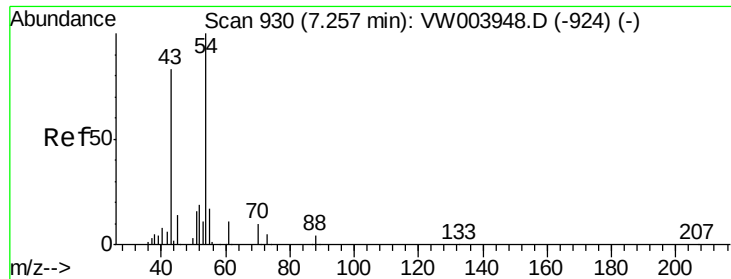
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#36
 1,1-Dichloropropene
 Concen: 20.70 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92113		
110	34.4	17.0	51.0	
77	30.3	24.9	37.3	





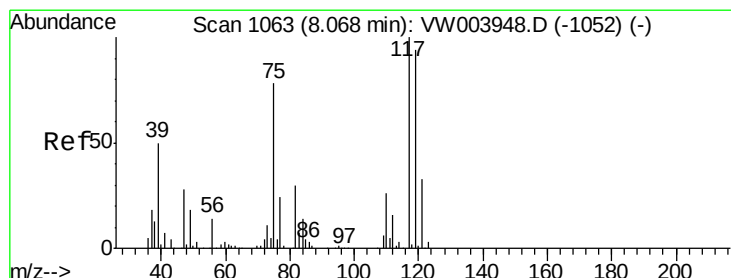
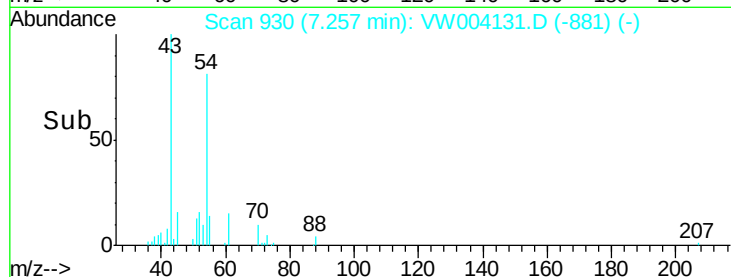
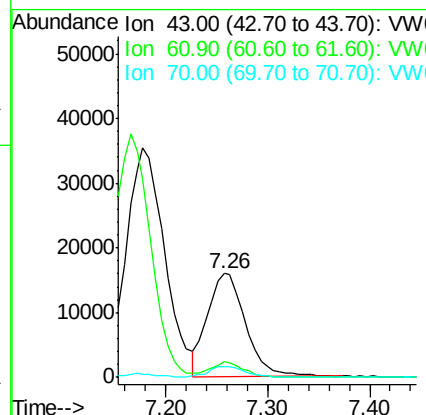
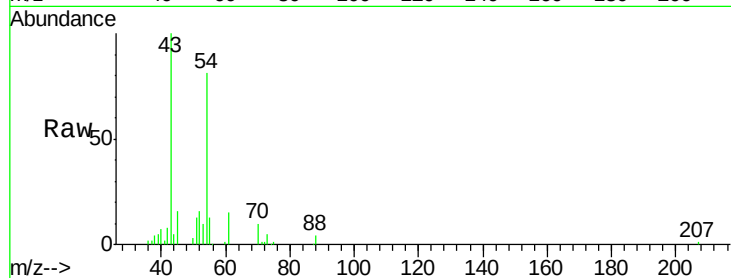
#37
Ethyl Acetate
Concen: 19.28 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	43	Resp	41387
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.1	7.7	11.5

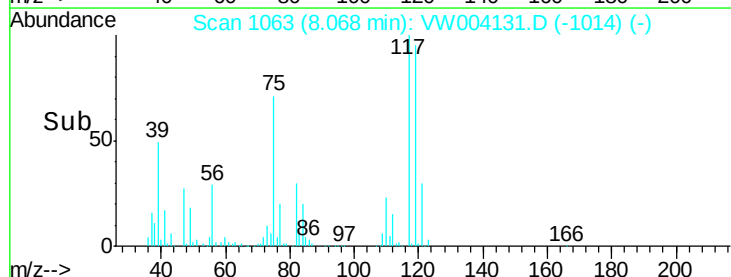
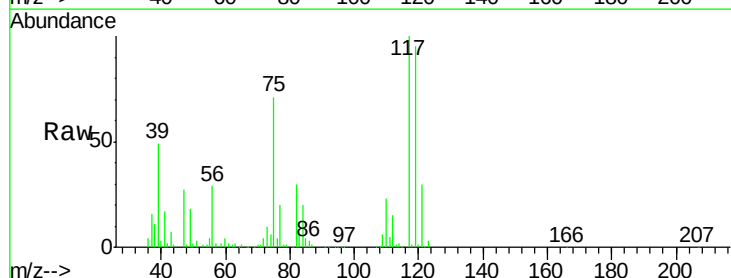
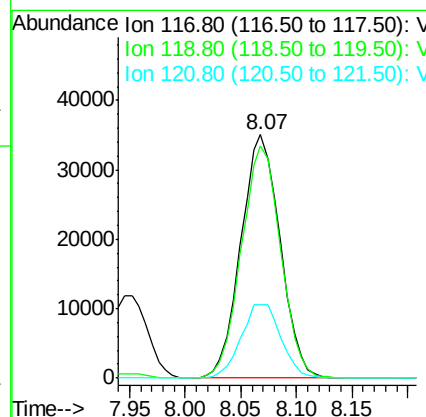
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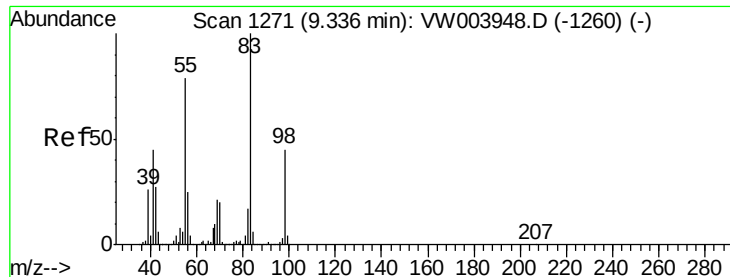
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#38
Carbon Tetrachloride
Concen: 20.67 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	117	Resp	85921
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.3	112.9
121	30.0	26.0	39.0





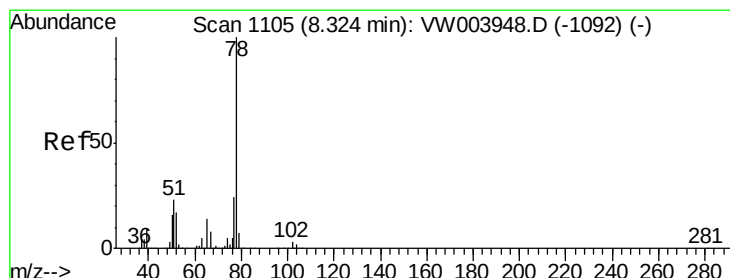
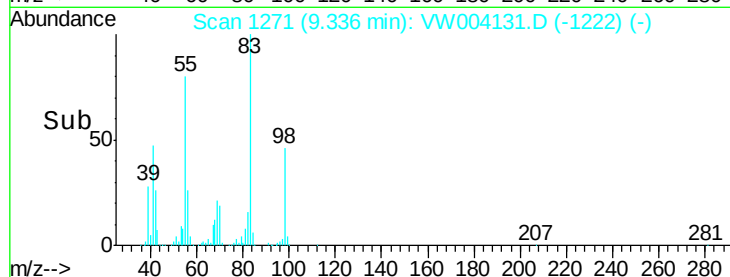
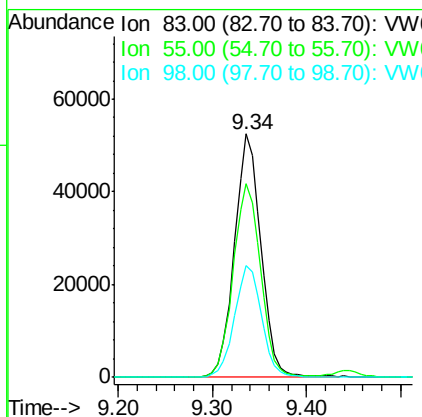
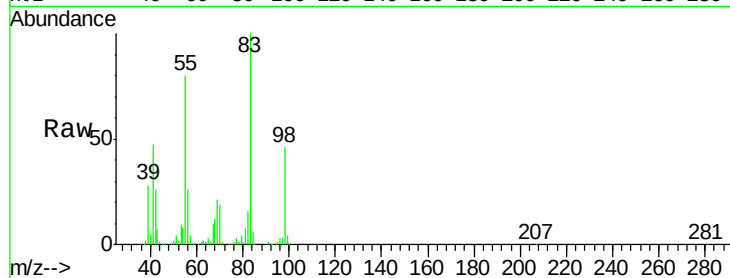
#39
Methylvlcyclohexane
Concen: 19.75 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.5	62.8	94.2	
98	45.9	36.2	54.4	

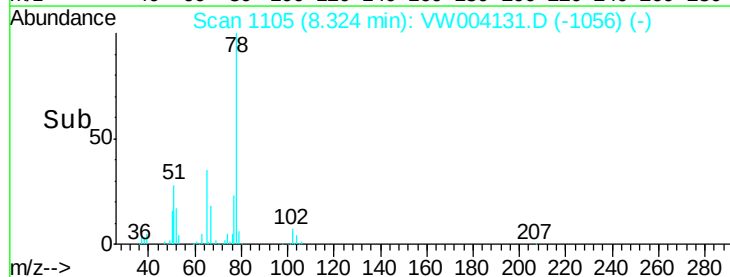
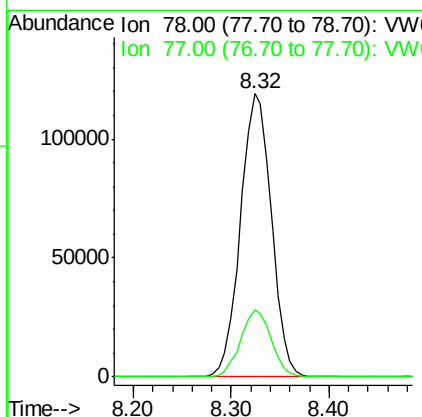
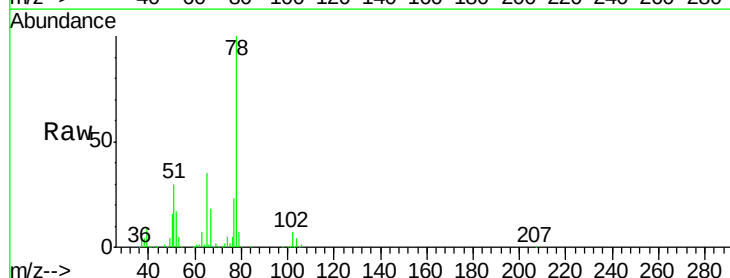
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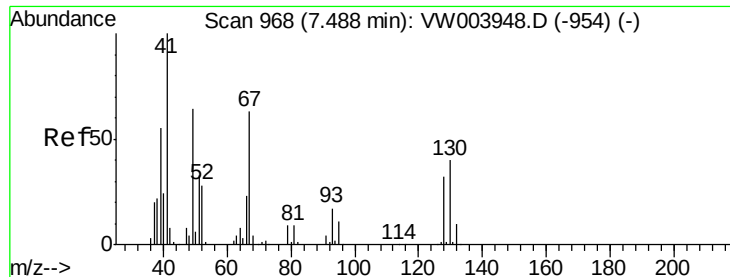
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#40
Benzene
Concen: 21.15 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.5	29.3	





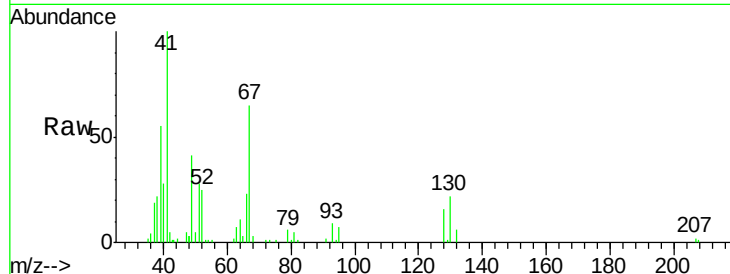
#41
Methacrylonitrile
Concen: 19.29 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion:	41	Resp:	22933
Ion	Ratio	Lower	Upper
41	100		
39	55.5	50.0	75.0
67	69.4	60.8	91.2
52	30.0	26.2	39.4

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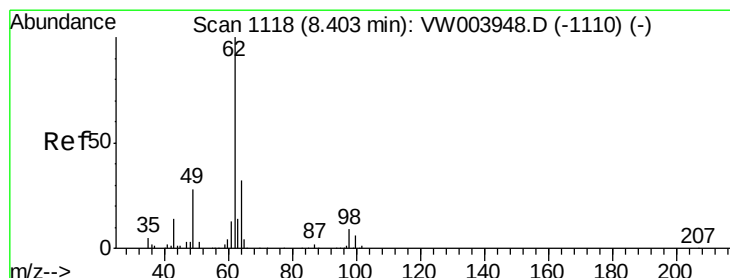
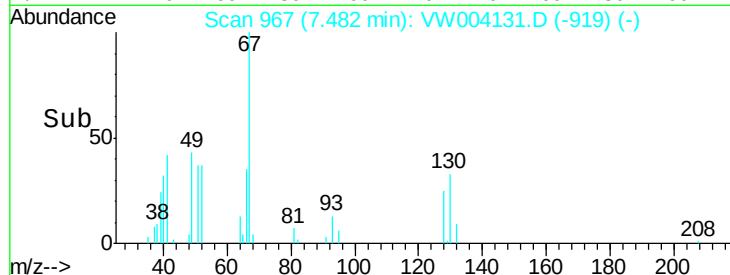
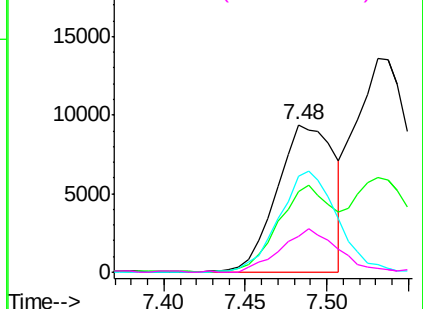
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

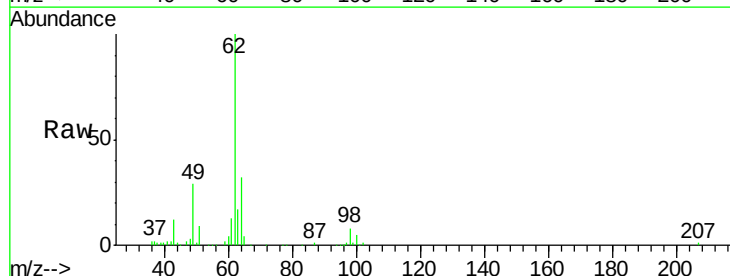
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.51 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

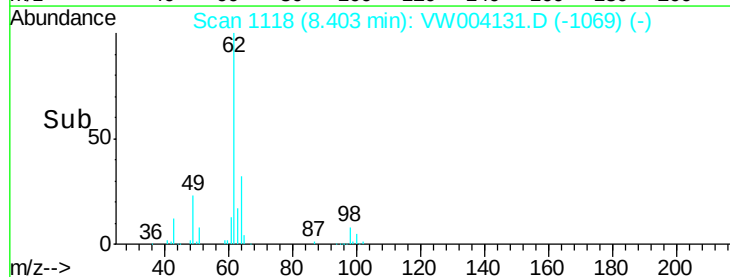
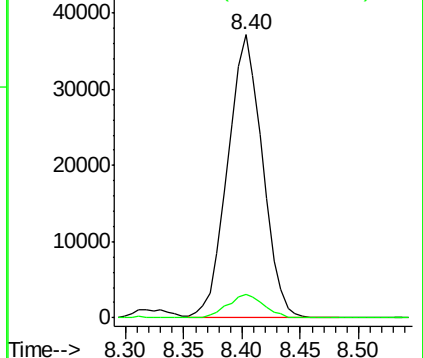
Tgt Ion:	62	Resp:	77251
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4

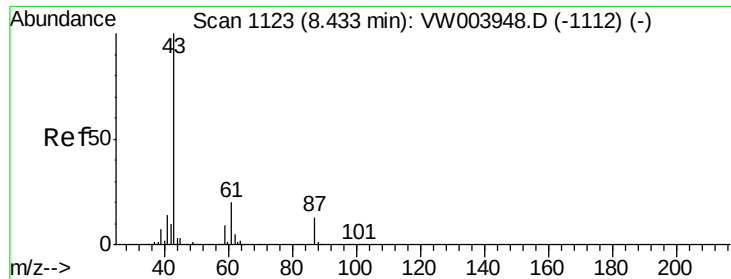


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.84 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

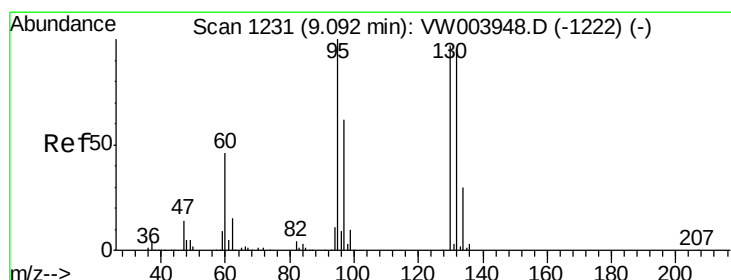
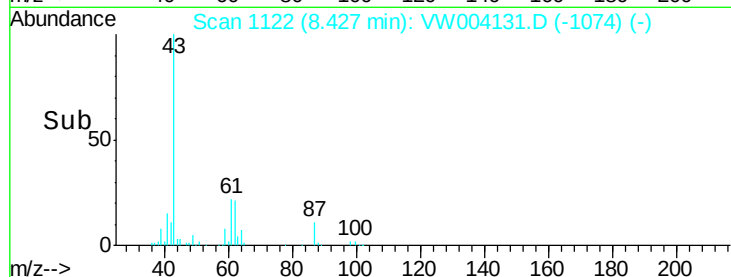
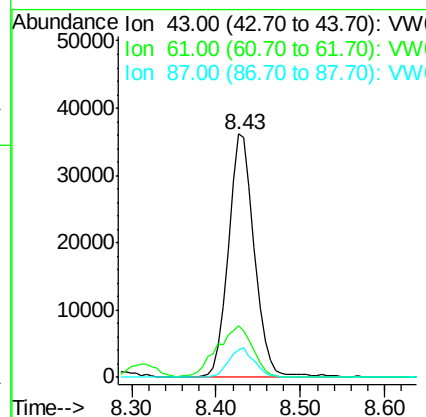
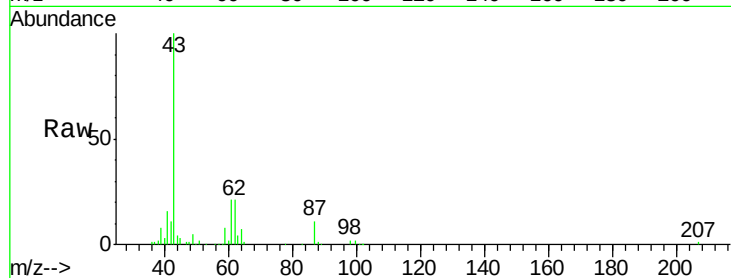
ClientSampleId :

VW0723SBS01

Tot Ion:	43	Resp:	75619
Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.0	34.6
87	12.1	9.9	14.9

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#44

Trichloroethene

Concen: 20.68 ug/l

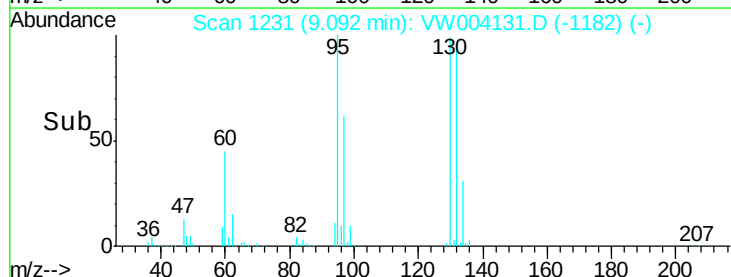
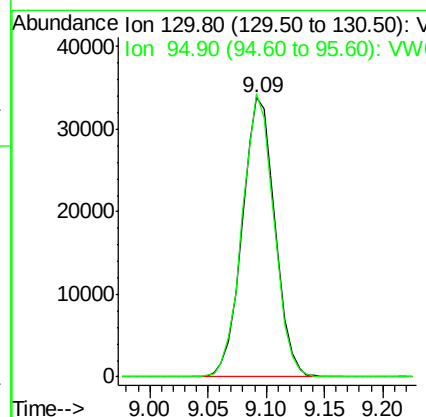
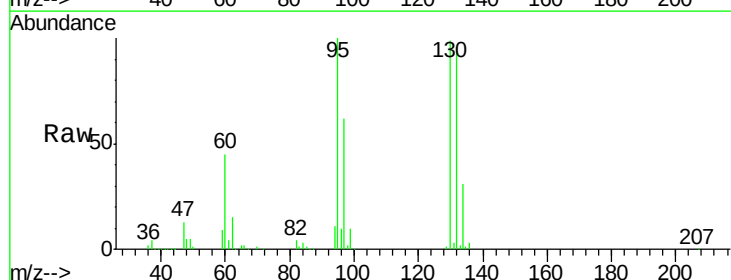
RT: 9.09 min Scan# 1231

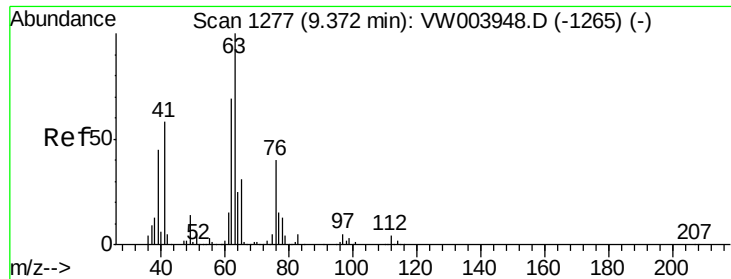
Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion:	130	Resp:	66160
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	206.8





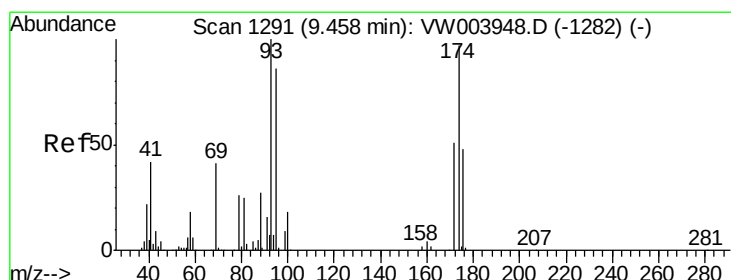
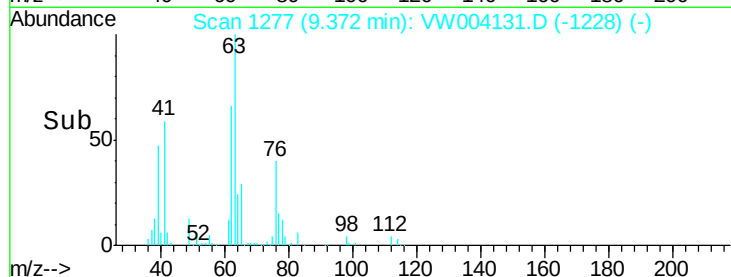
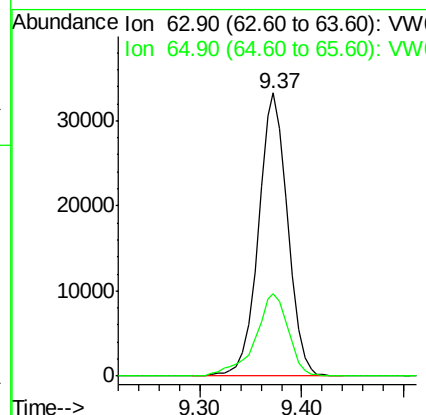
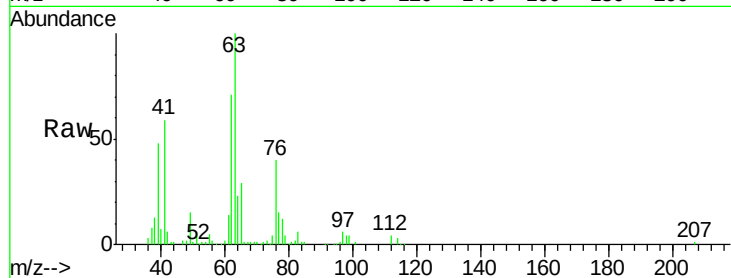
#45
 1,2-Dichloropropane
 Concen: 20.96 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0723SBSD01

Tot Ion: 63 Resp: 66046
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.8 37.2

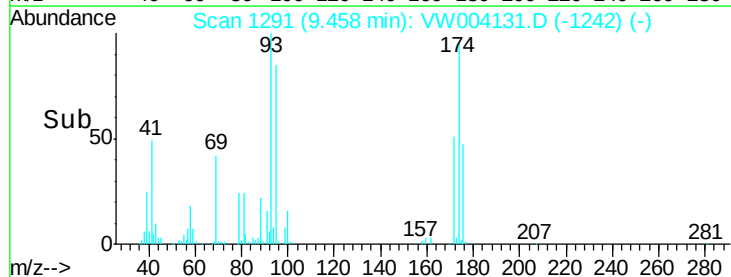
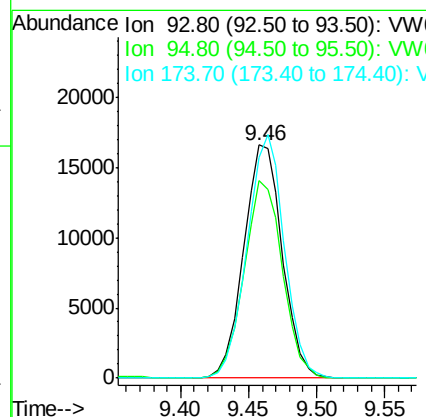
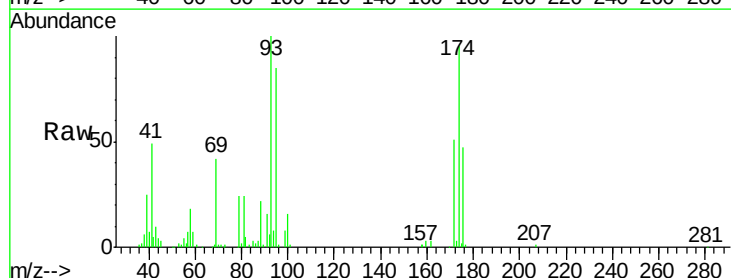
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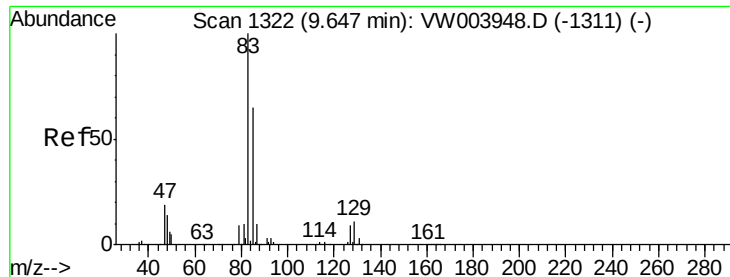
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#46
 Dibromomethane
 Concen: 20.10 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion: 93 Resp: 32853
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.9 100.3
 174 101.4 80.2 120.2





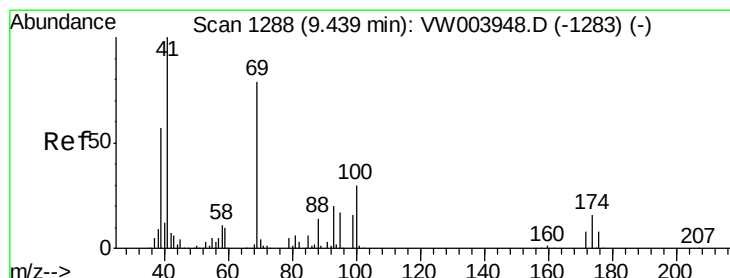
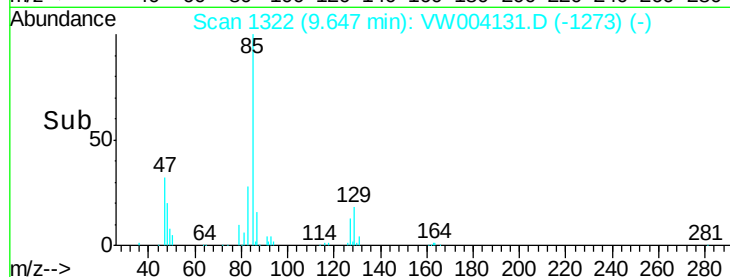
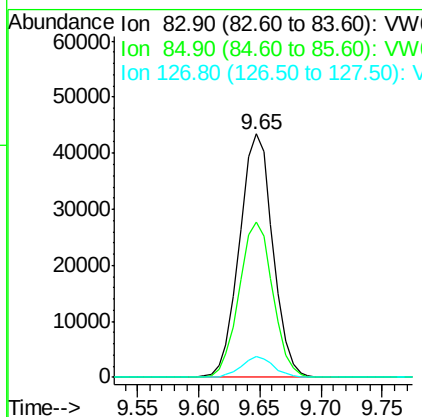
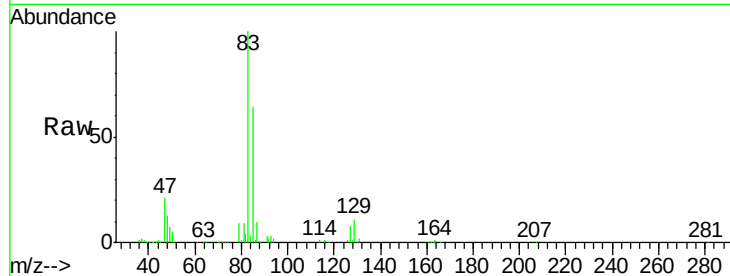
#47
Bromodichloromethane
Concen: 20.37 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	83	Resp	82108
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	52.2	78.2
127	8.5	7.0	10.4

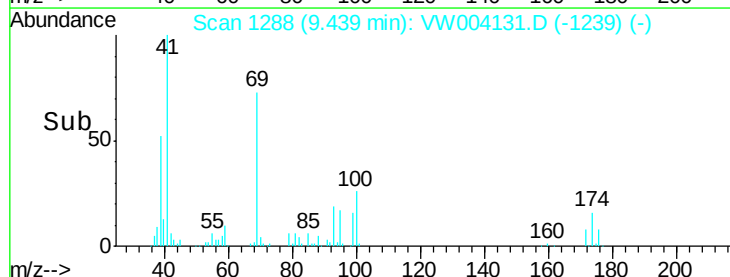
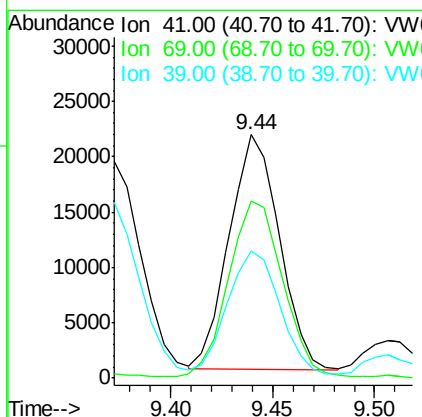
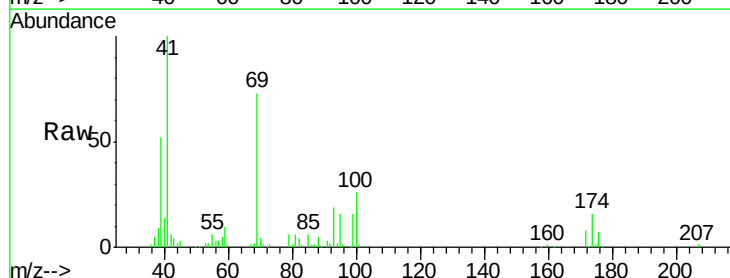
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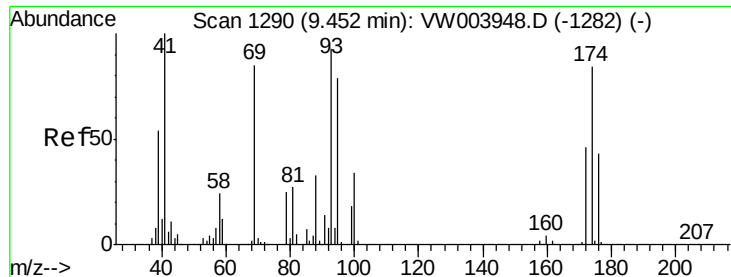
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#48
Methyl methacrylate
Concen: 18.63 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	41	Resp	36167
Ion Ratio	100	Lower	Upper
41	100		
69	81.1	67.0	100.6
39	53.7	48.8	73.2





#49

1,4-Dioxane

Concen: 408.15 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

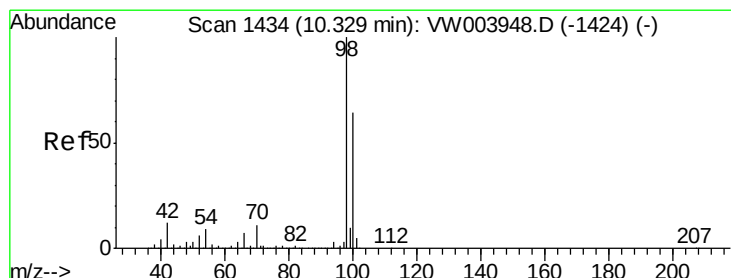
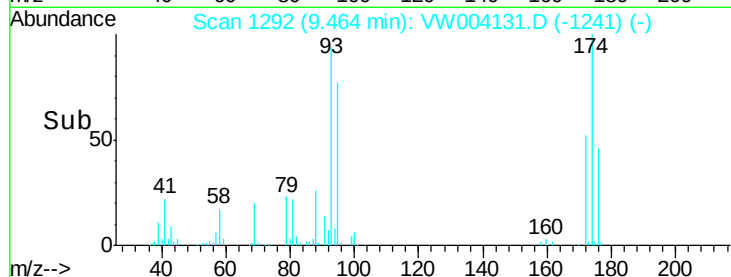
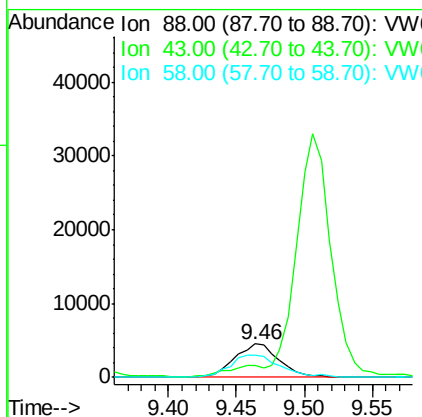
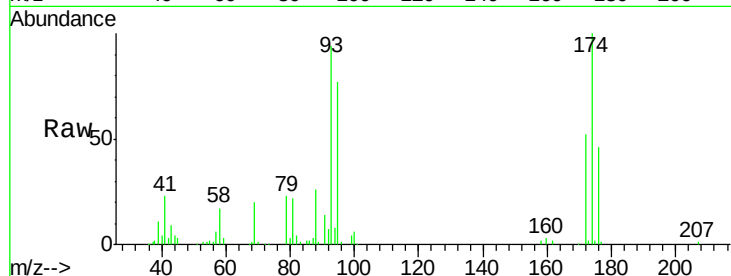
ClientSampleId :

VW0723SBSD01

Tot Ion:	88	Resp:	10257
Ion	Ratio	Lower	Upper
88	100		
43	28.0	27.3	40.9
58	76.4	61.1	91.7

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#50

Toluene-d8

Concen: 53.42 ug/l

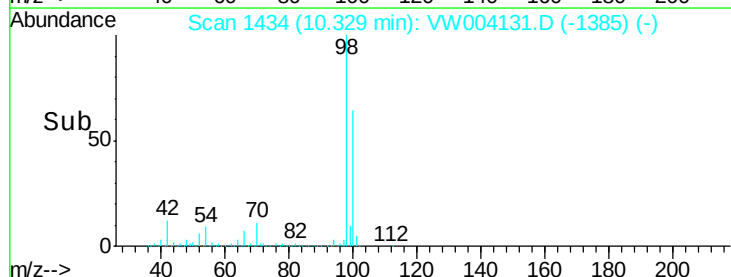
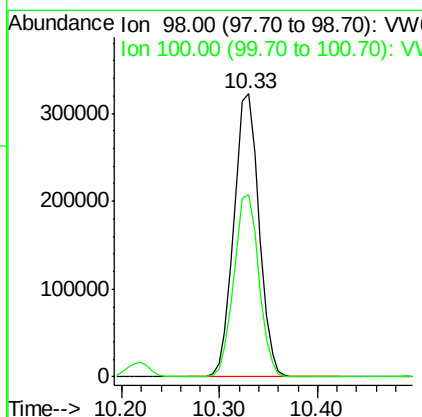
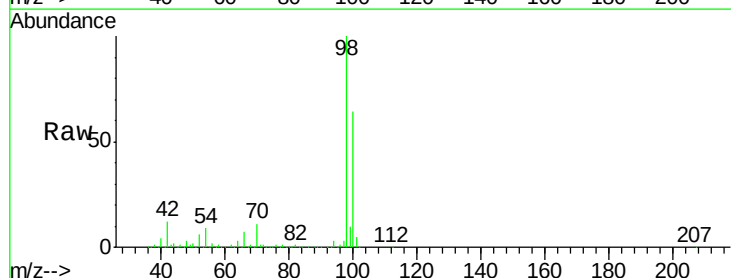
RT: 10.33 min Scan# 1434

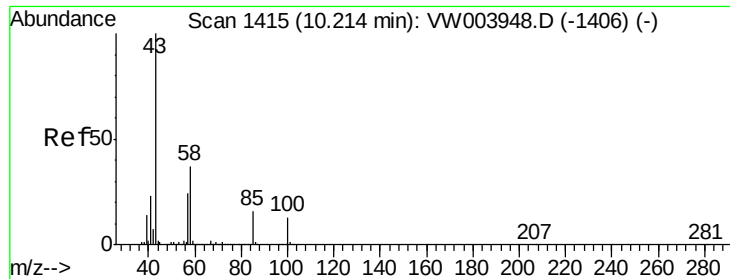
Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion:	98	Resp:	575111
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 94.62 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

Tot Ion: 43 Resp: 202350

Ion Ratio Lower Upper

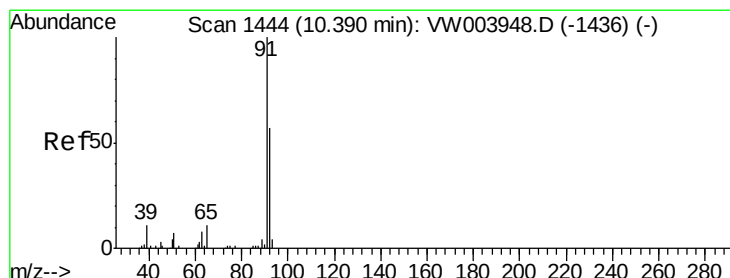
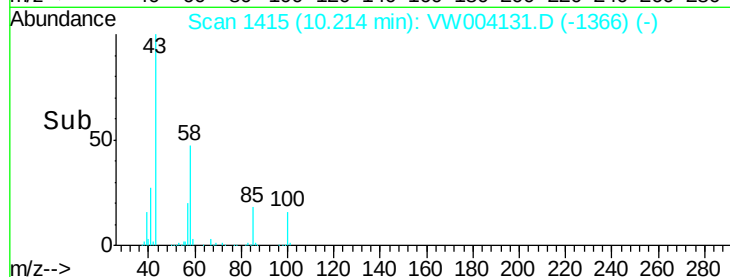
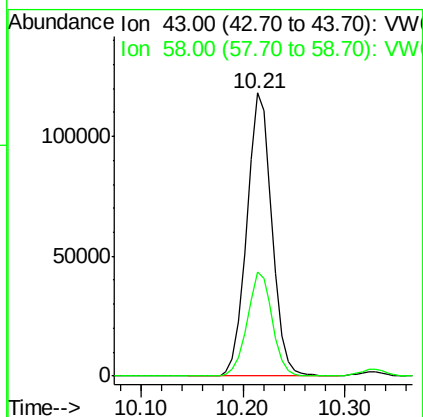
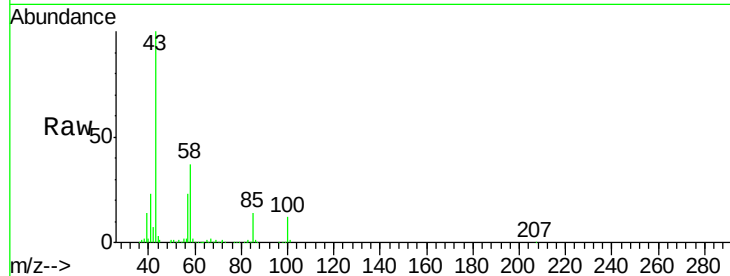
43 100

58 36.6 29.9 44.9

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#52

Toluene

Concen: 21.49 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004131.D

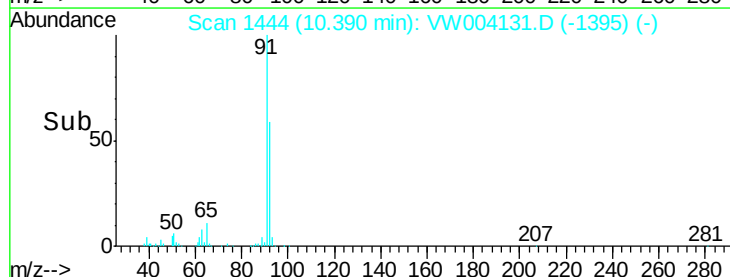
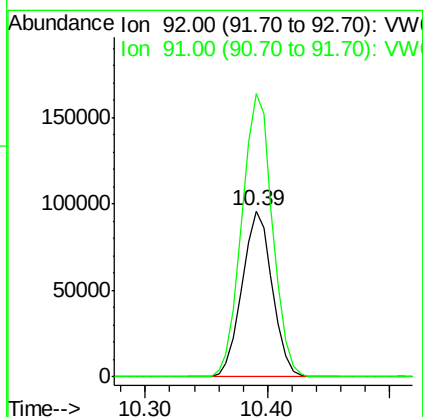
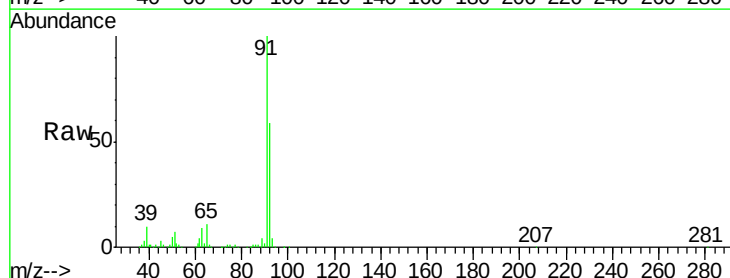
Acq: 23 Jul 2018 12:36

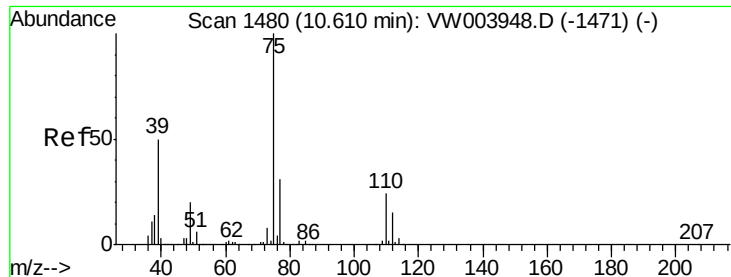
Tgt Ion: 92 Resp: 164047

Ion Ratio Lower Upper

92 100

91 173.1 139.6 209.4





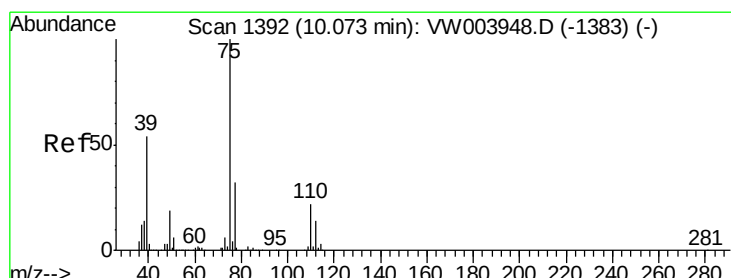
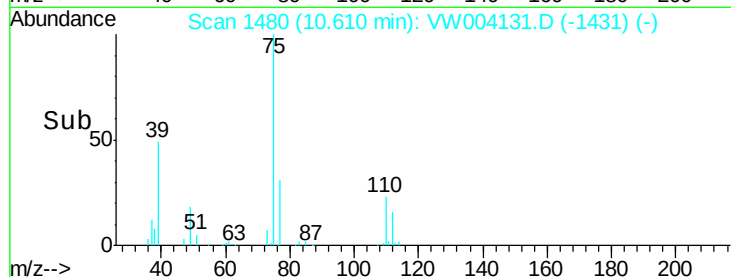
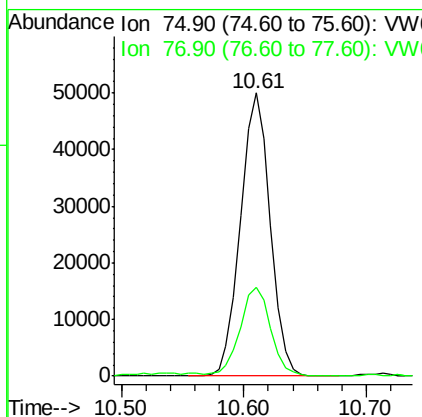
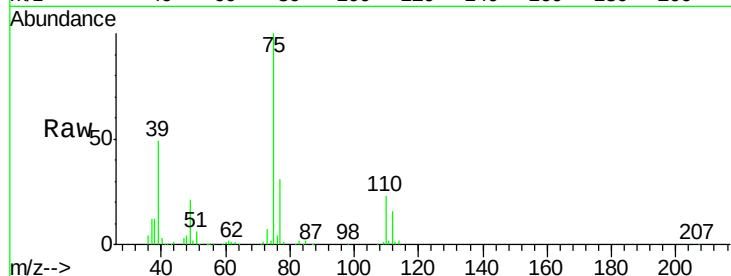
#53
t-1,3-Dichloropropene
Concen: 19.97 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.2	37.8

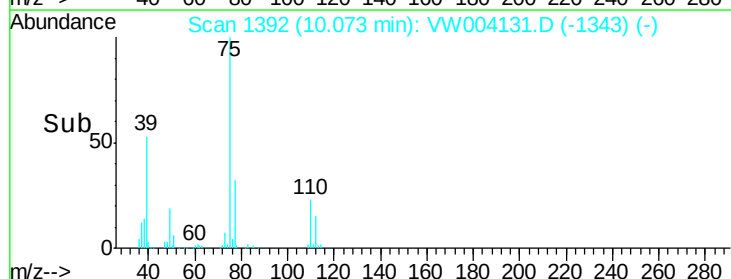
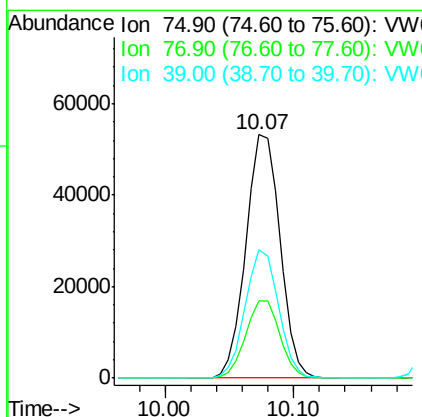
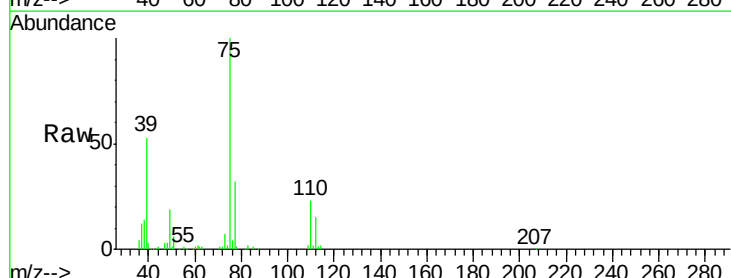
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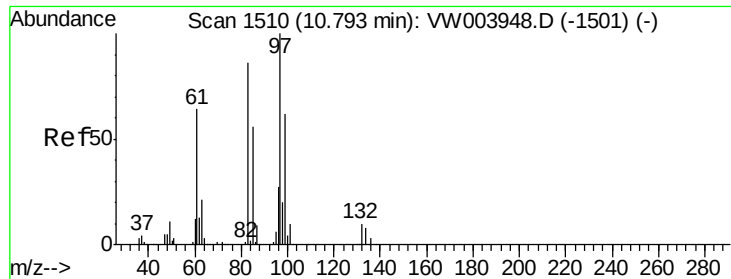
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#54
cis-1,3-Dichloropropene
Concen: 20.20 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2
39	52.7	43.0	64.6





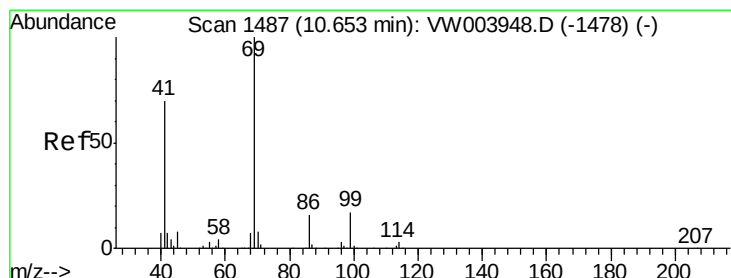
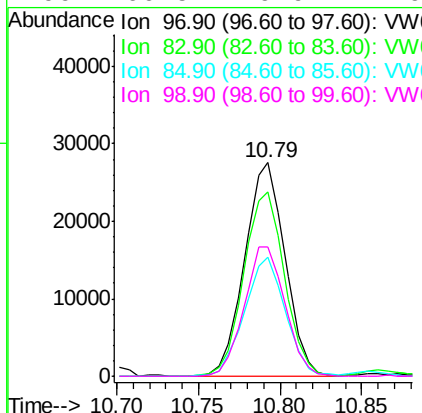
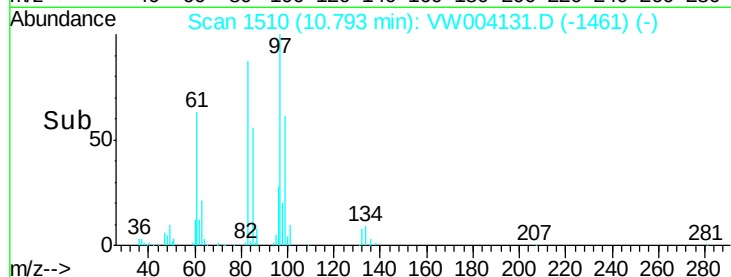
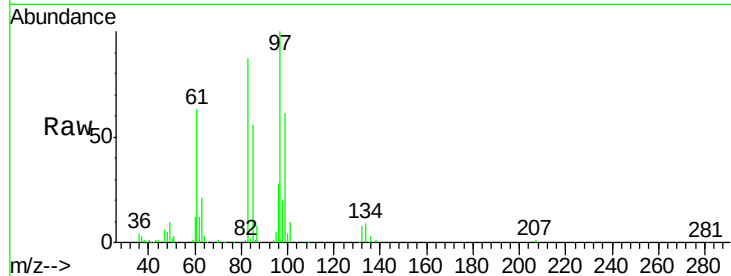
#55
 1,1,2-Trichloroethane
 Concen: 20.64 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD01

Tot Ion	97	Resp	47458
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.0	103.4
85	55.9	45.0	67.6
99	60.5	49.9	74.9

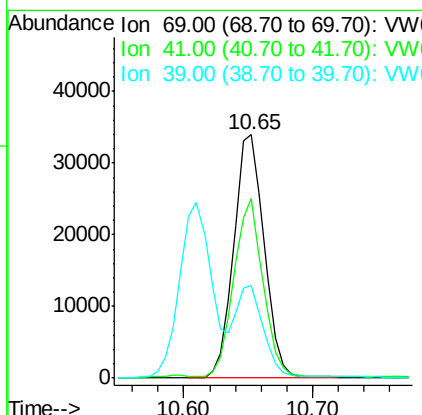
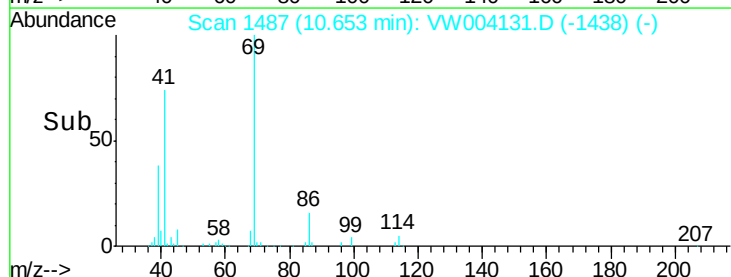
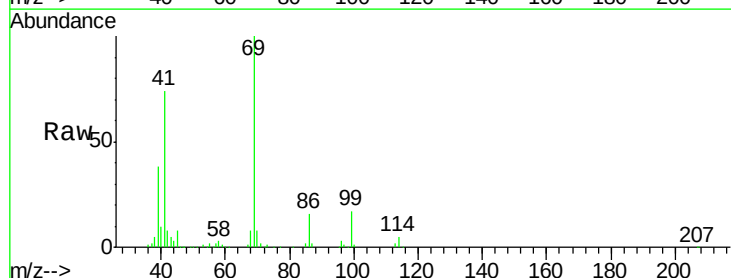
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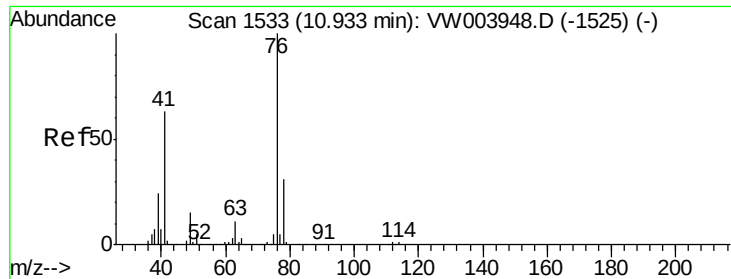
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#56
 Ethyl methacrylate
 Concen: 18.96 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion	69	Resp	55977
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.5	84.7
39	33.8	30.2	45.4





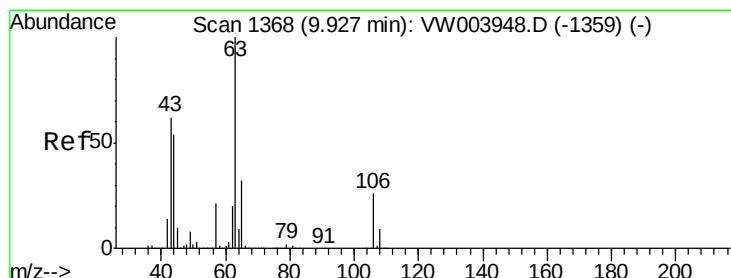
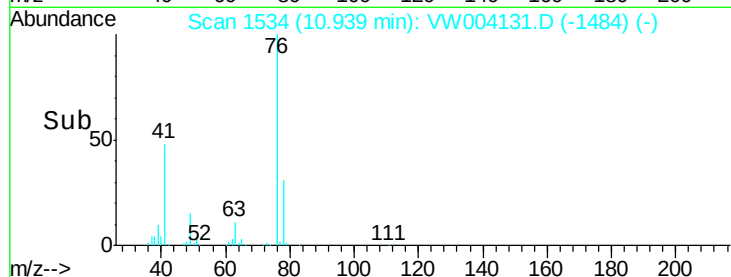
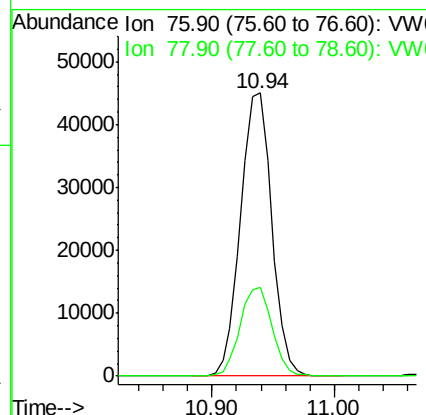
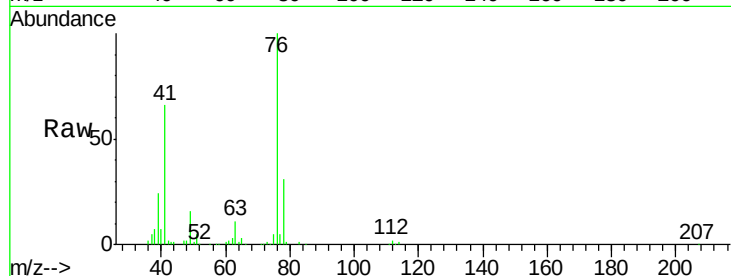
#57
 1,3-Dichloropropane
 Concen: 19.94 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion: 76 Resp: 79662
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8

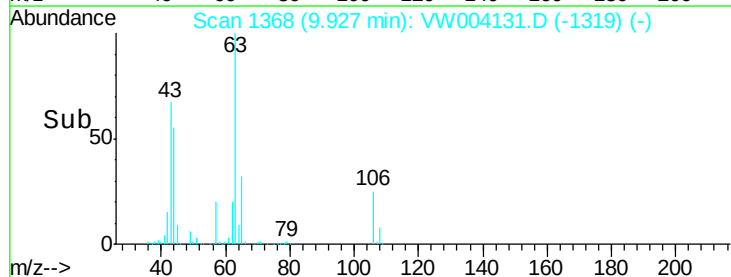
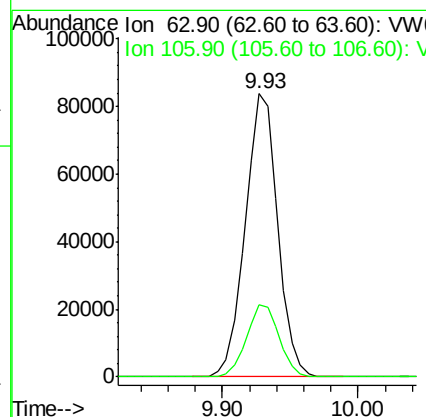
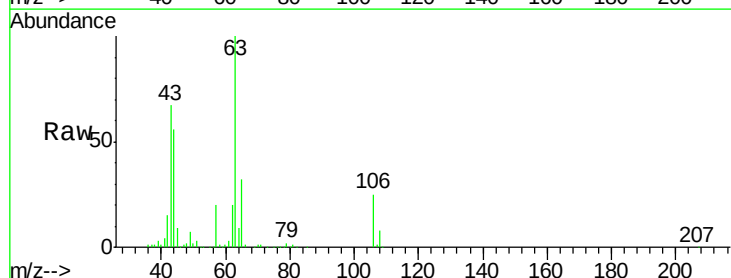
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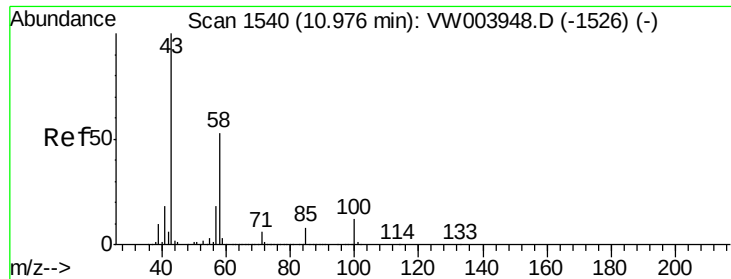
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.28 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion: 63 Resp: 139511
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.2 31.8





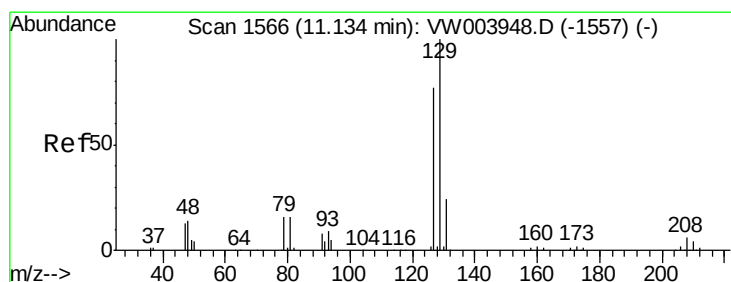
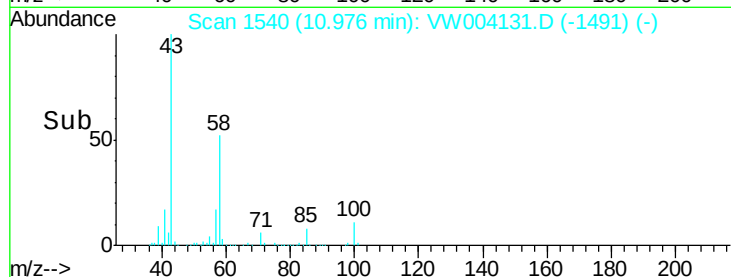
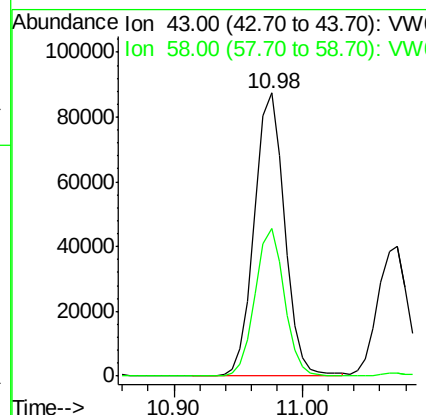
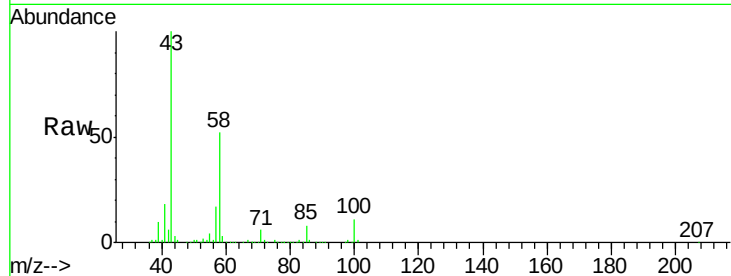
#59
2-Hexanone
Concen: 93.35 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion: 43 Resp: 140694
Ion Ratio Lower Upper
43 100
58 50.7 26.0 78.0

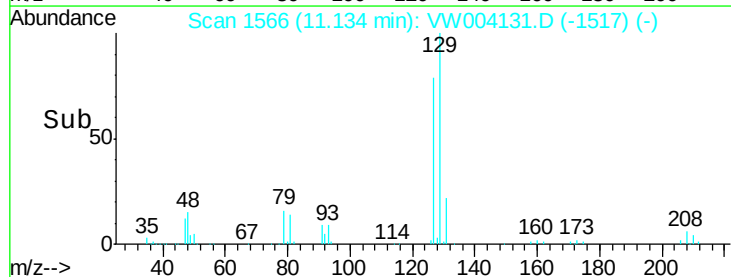
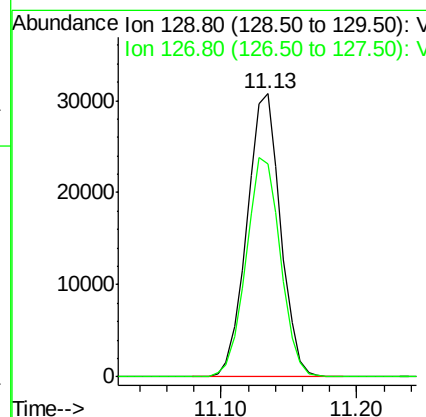
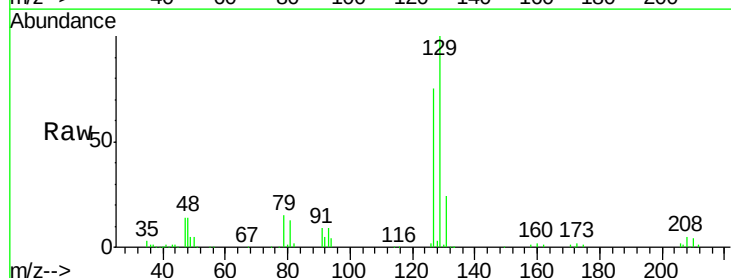
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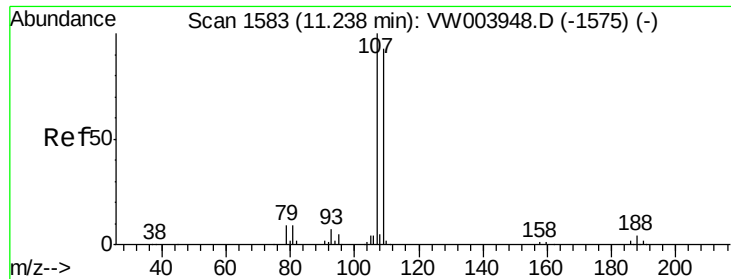
apatel
7/24/2018 11:49:42 AM



#60
Dibromochloromethane
Concen: 19.84 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion: 129 Resp: 53127
Ion Ratio Lower Upper
129 100
127 79.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 20.43 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

Tot Ion: 107 Resp: 44695

Ion Ratio Lower Upper

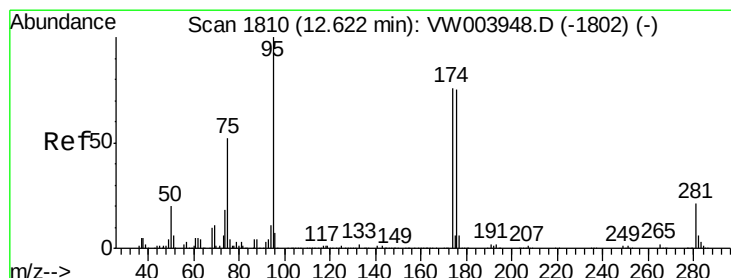
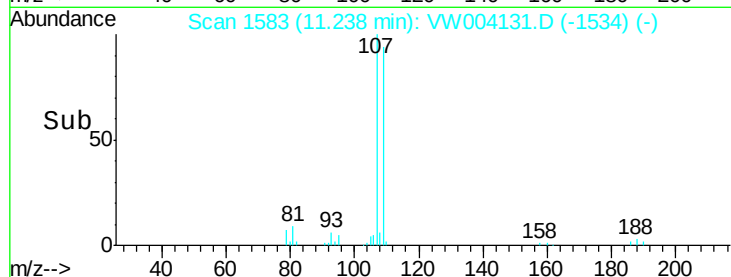
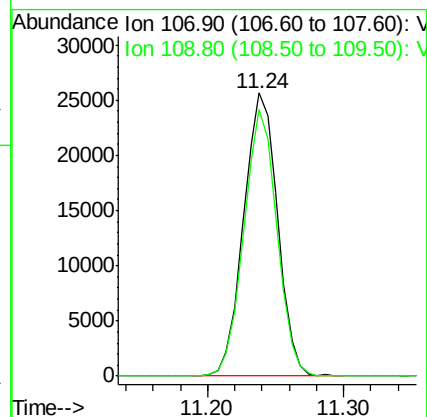
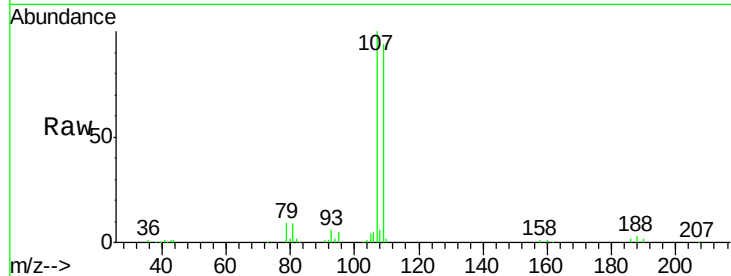
107 100

109 91.9 74.3 111.5

Manual Integrations
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apatel

7/24/2018 11:49:42 AM



#62

4-Bromofluorobenzene

Concen: 52.05 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

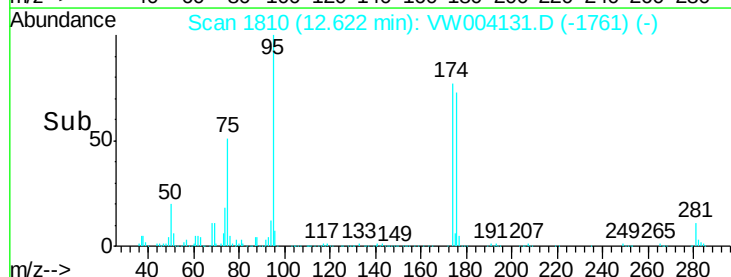
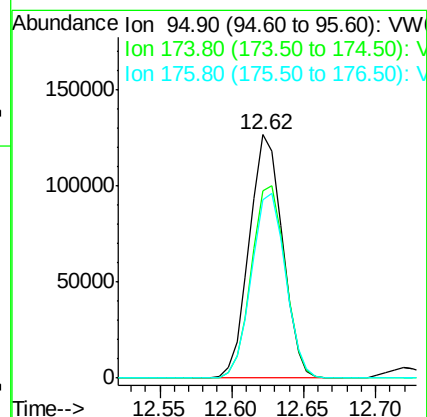
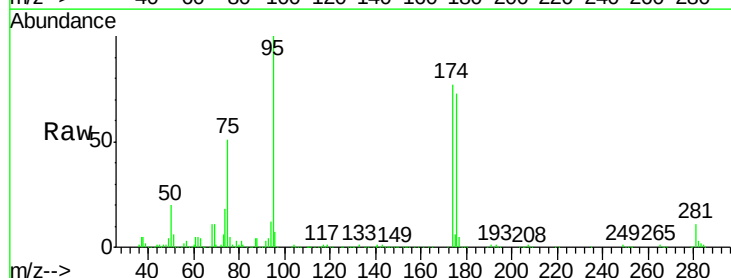
Tgt Ion: 95 Resp: 202094

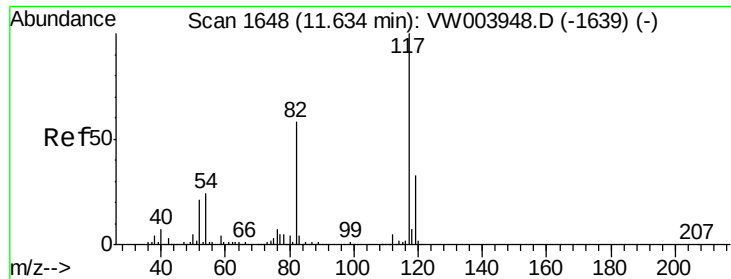
Ion Ratio Lower Upper

95 100

174 80.7 0.0 160.2

176 77.6 0.0 155.8





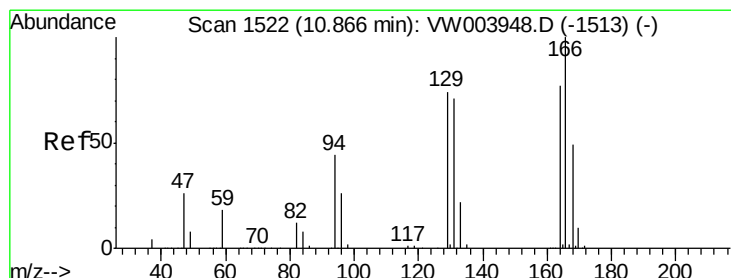
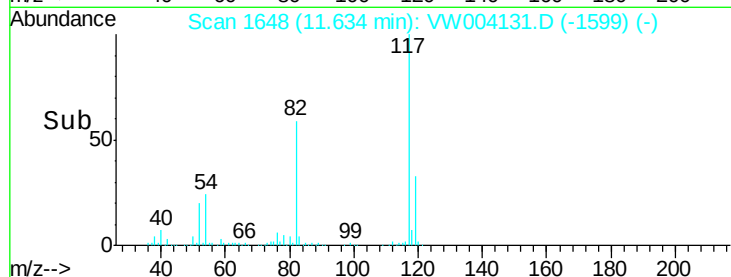
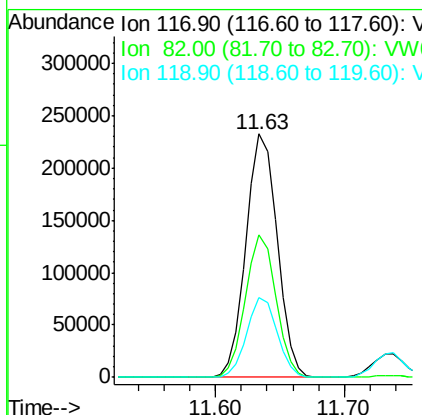
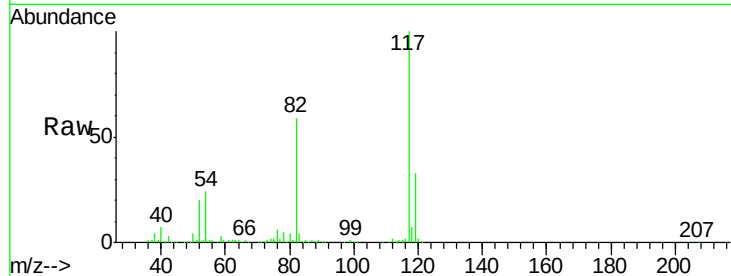
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	389989		
82	58.7	46.5	69.7	
119	32.9	26.2	39.2	

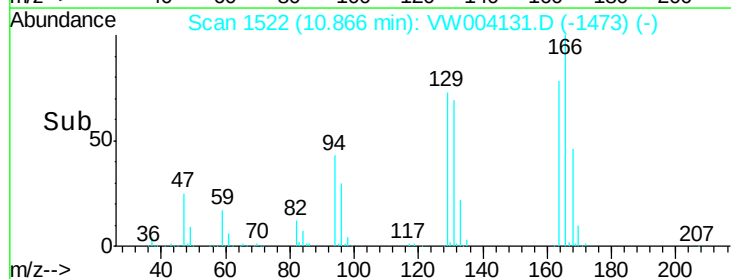
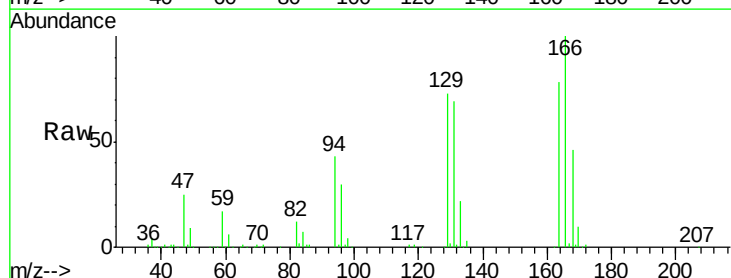
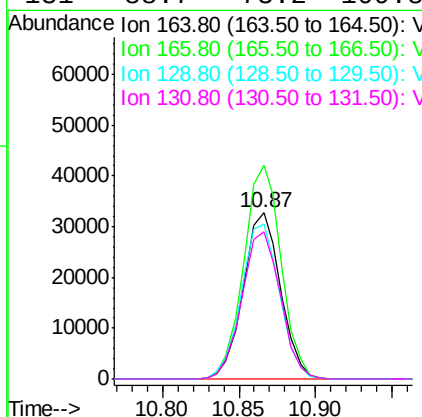
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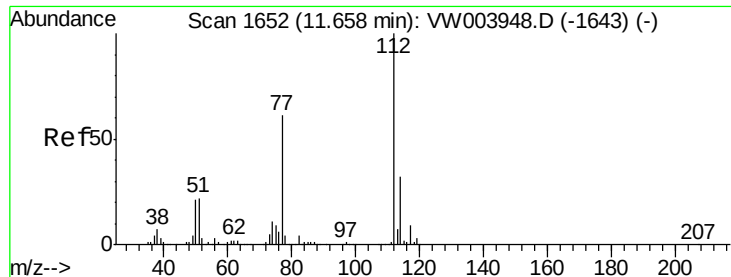
apatel
7/24/2018 11:49:42 AM



#64
Tetrachloroethene
Concen: 20.73 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55463		
166	128.7	103.5	155.3	
129	93.6	76.8	115.2	
131	88.7	73.2	109.8	





#65

Chlorobenzene

Concen: 20.52 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

Tot Ion:112 Resp: 170137

Ion Ratio Lower Upper

112 100

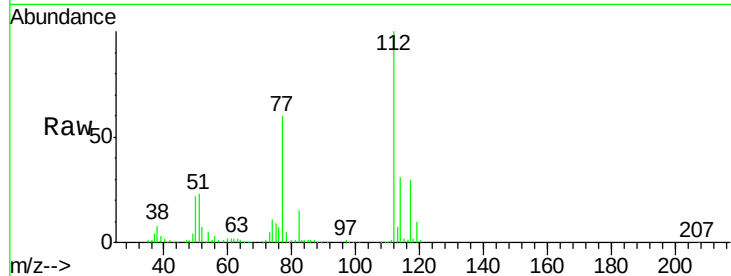
114 31.1 25.2 37.8

Manual Integrations

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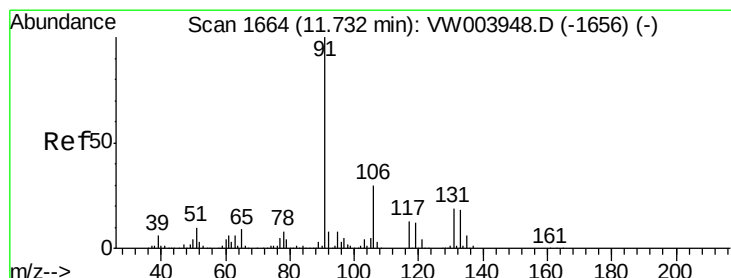
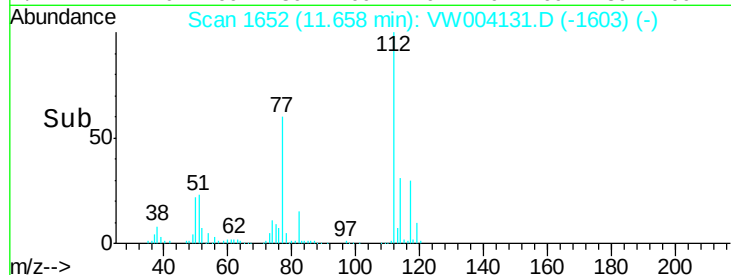
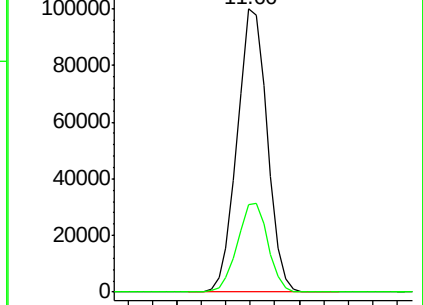
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.97 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

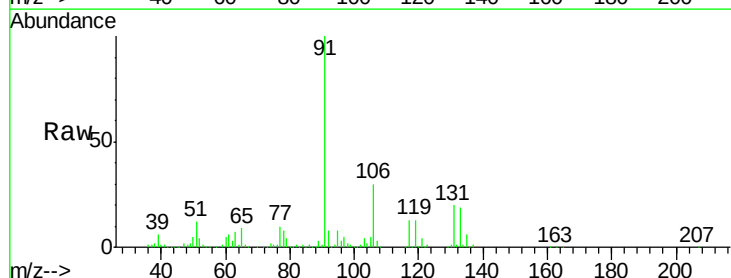
Tgt Ion:131 Resp: 57539

Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.8

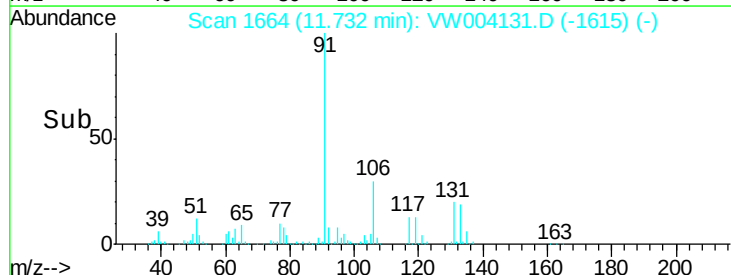
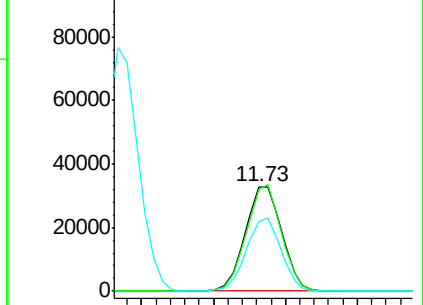
119 66.8 32.5 97.5

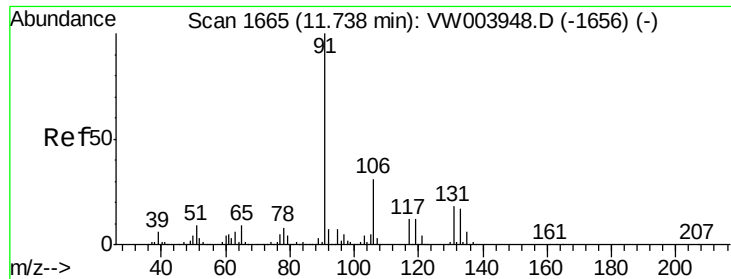


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





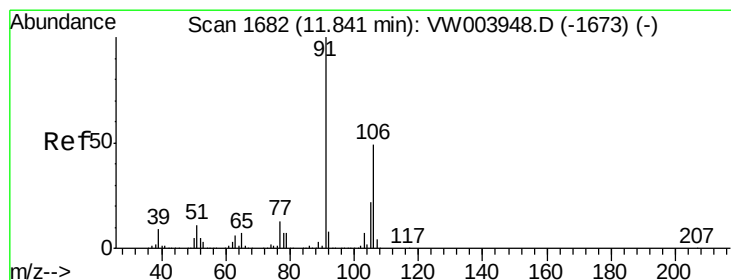
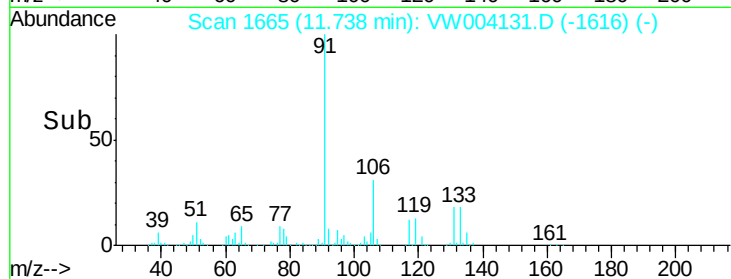
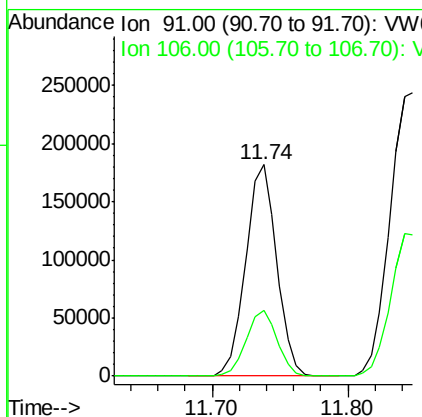
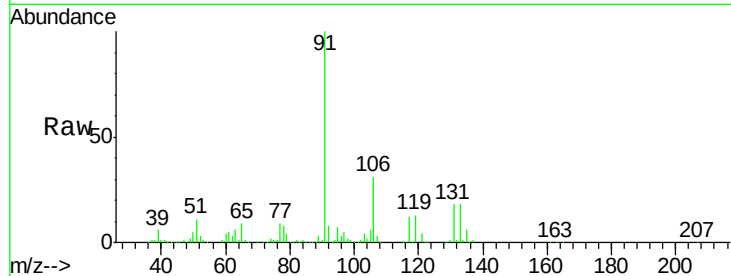
#67
Ethyl Benzene
Concen: 19.89 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion: 91 Resp: 289783
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4

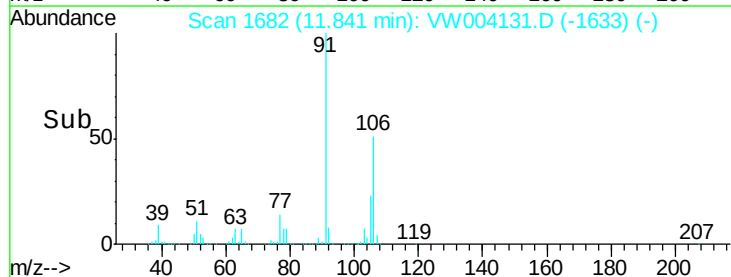
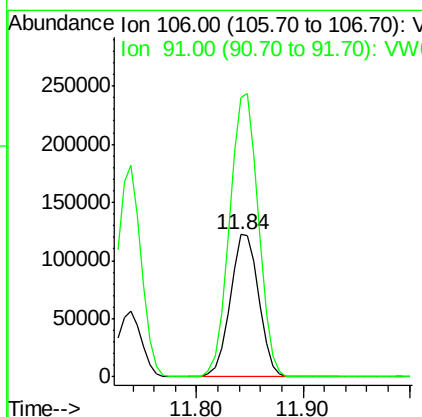
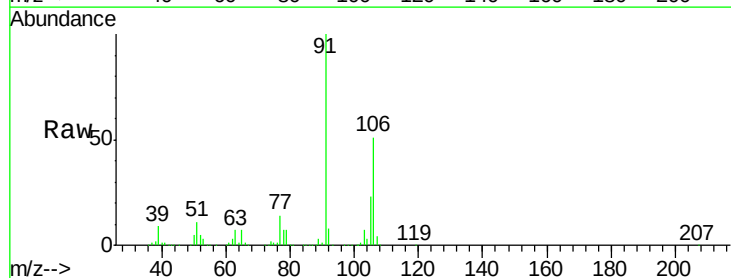
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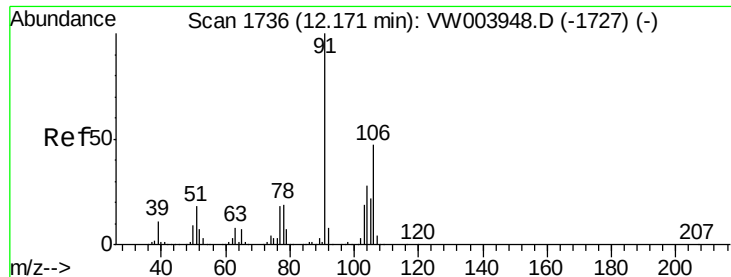
apatel
7/24/2018 11:49:42 AM



#68
m/p-Xylenes
Concen: 41.44 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion: 106 Resp: 230748
Ion Ratio Lower Upper
106 100
91 200.4 164.2 246.2





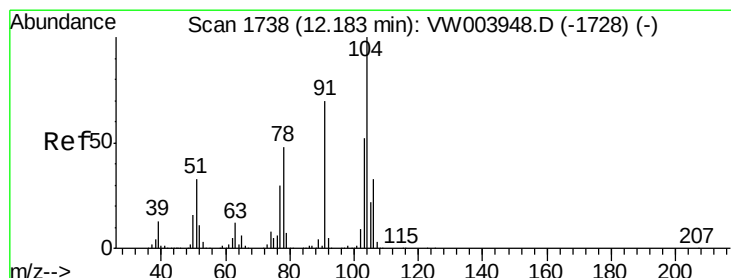
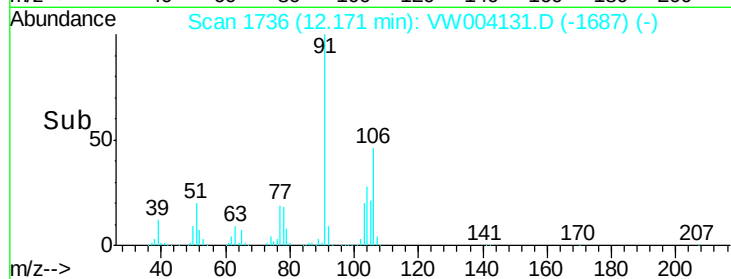
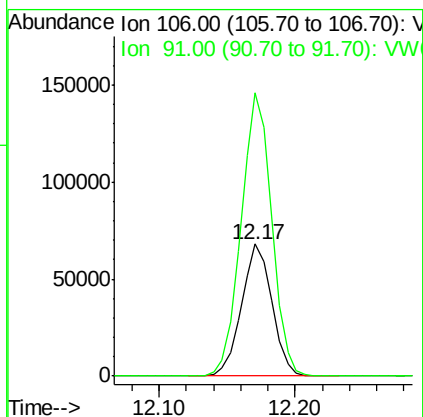
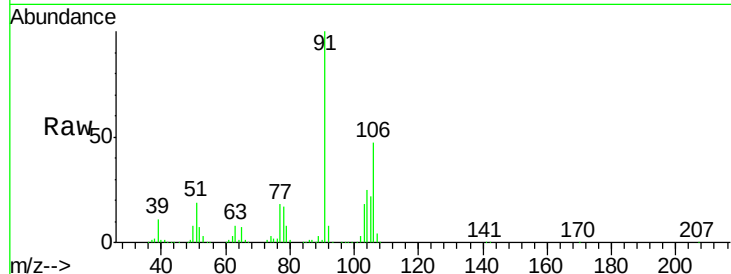
#69
o-Xylene
Concen: 20.52 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.1	107.5	322.6		

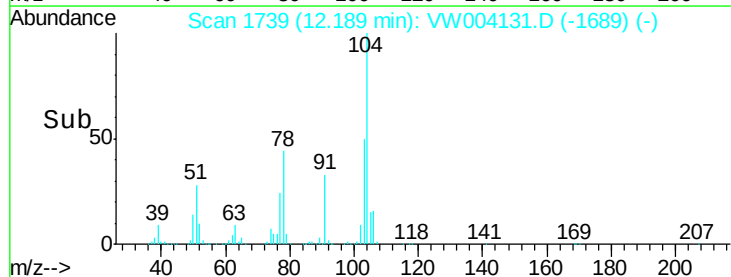
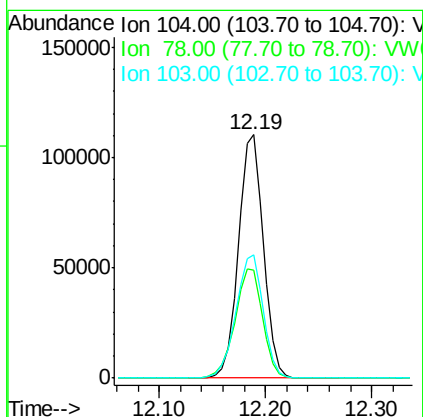
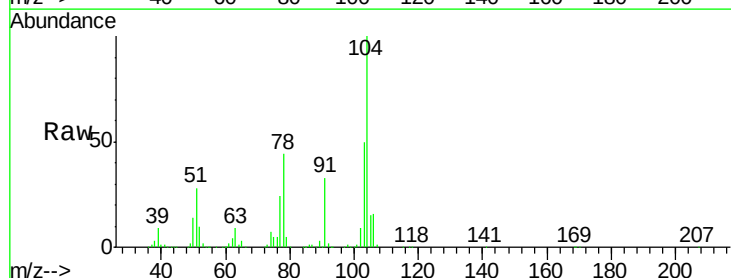
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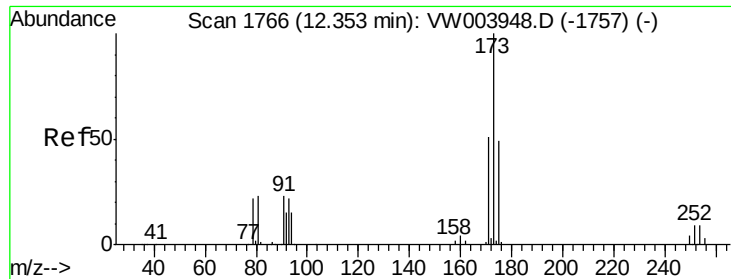
apatel
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#70
Styrene
Concen: 21.06 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.0	41.0	61.4		
103	55.2	44.6	67.0		





#71

Bromoform

Concen: 19.48 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

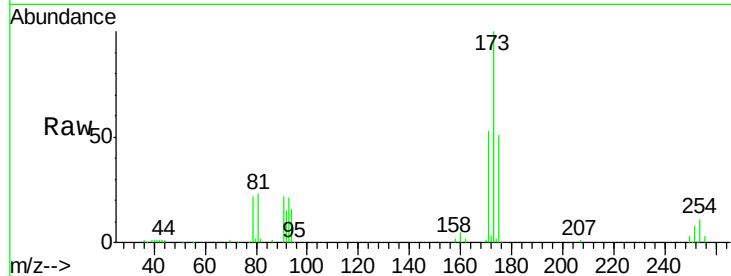
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.4	73.2
254	0.0	0.1	0.1#

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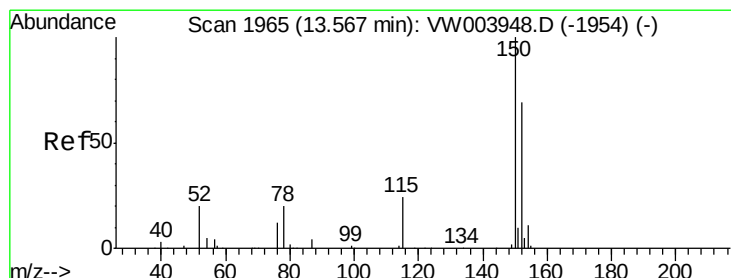
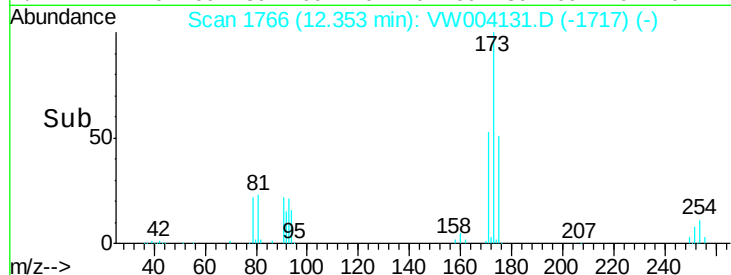
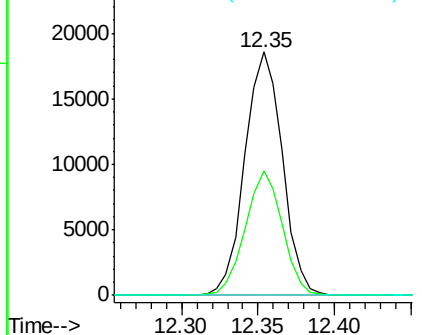


Abundance

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

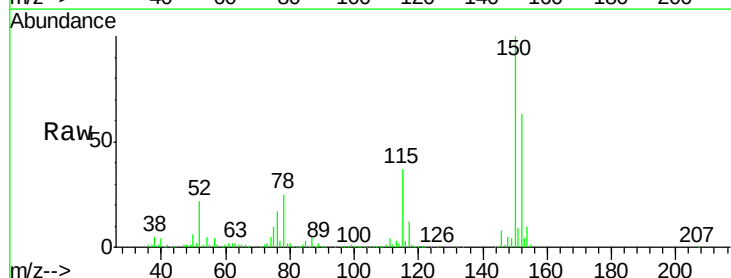
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.2	87.6
150	162.2	0.0	345.2

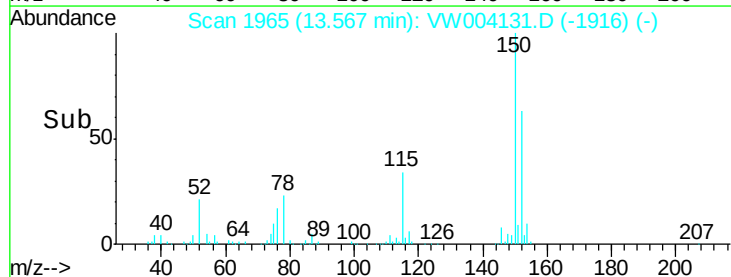
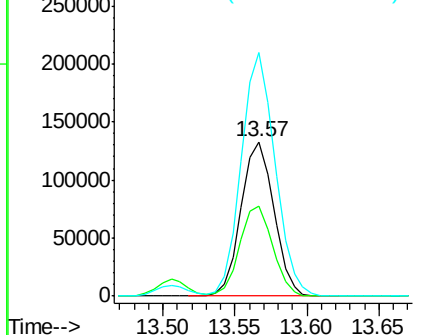


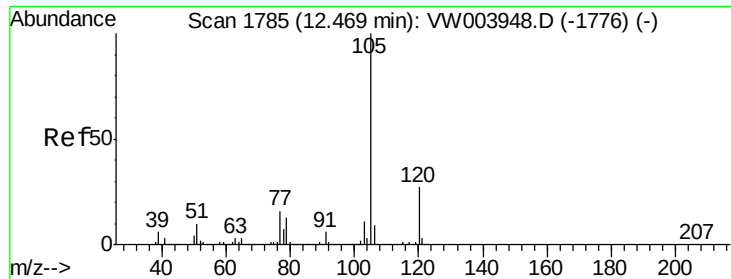
Abundance

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: 19.76 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

Tot Ion: 105 Resp: 294307

Ion Ratio Lower Upper

105 100

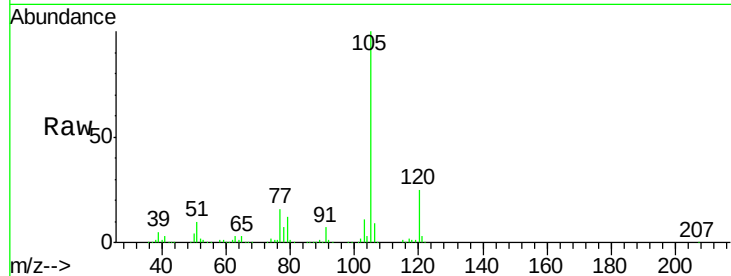
120 25.6 13.2 39.6

Manual Integrations

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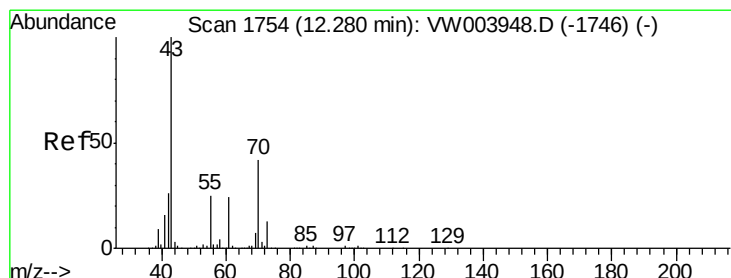
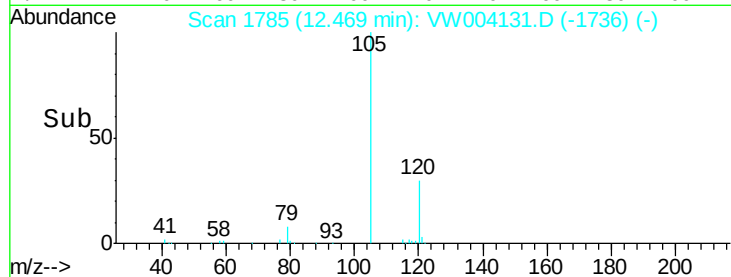
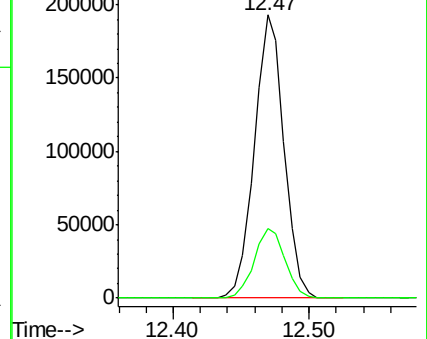
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.87 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion: 43 Resp: 69356

Ion Ratio Lower Upper

43 100

70 40.5 31.6 47.4

55 27.5 20.0 30.0

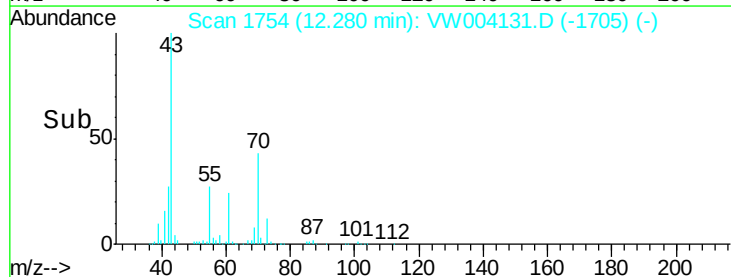
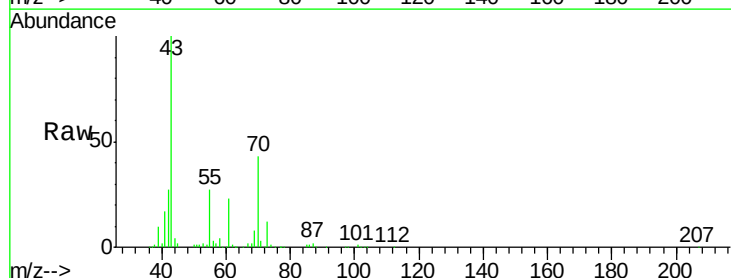
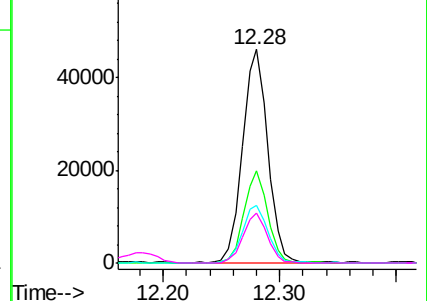
61 22.4 18.5 27.7

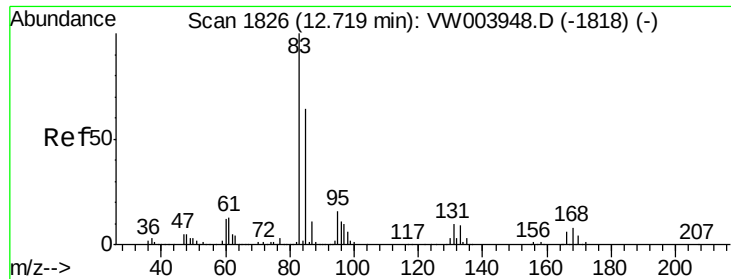
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.61 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

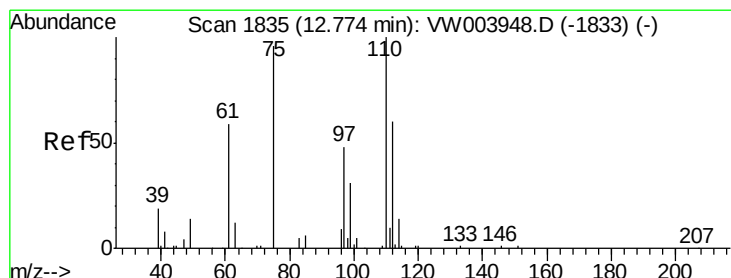
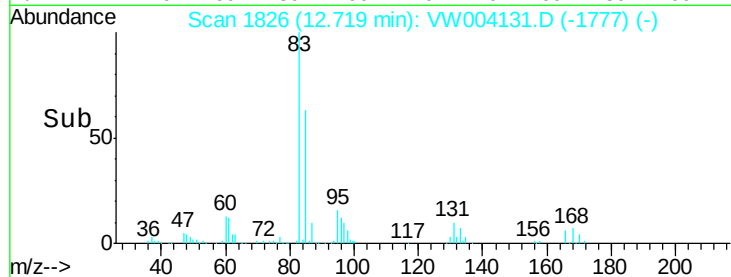
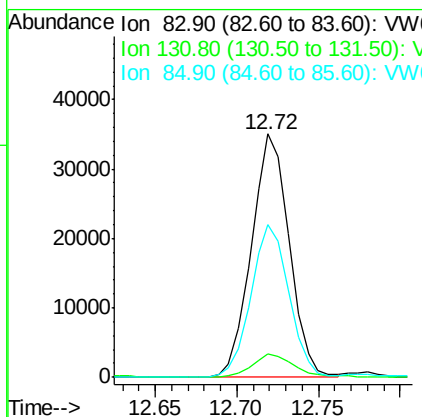
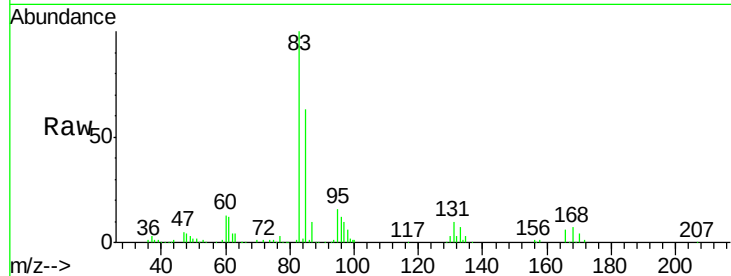
ClientSampleId :

VW0723SBS01

Tot Ion:	83	Resp:	56484
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.8
85	63.1	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.86 ug/l m

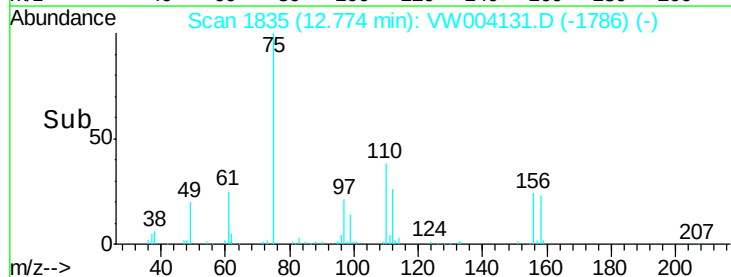
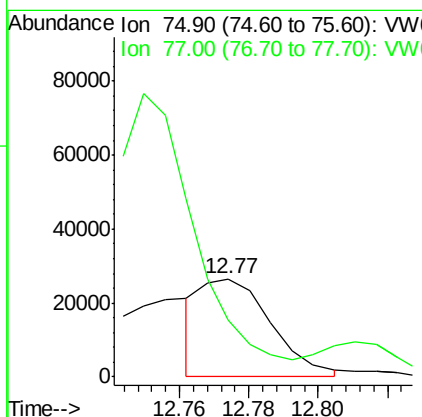
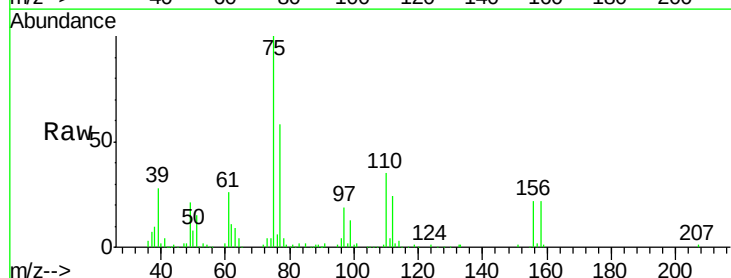
RT: 12.77 min Scan# 1835

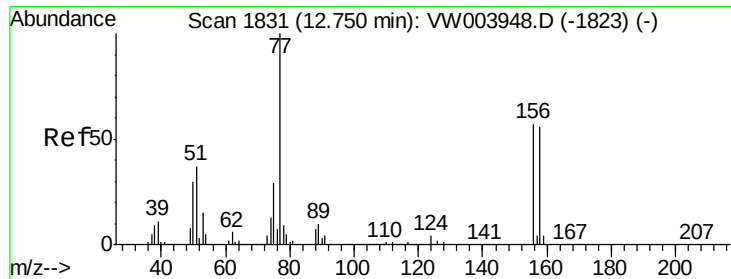
Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion:	75	Resp:	37389
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





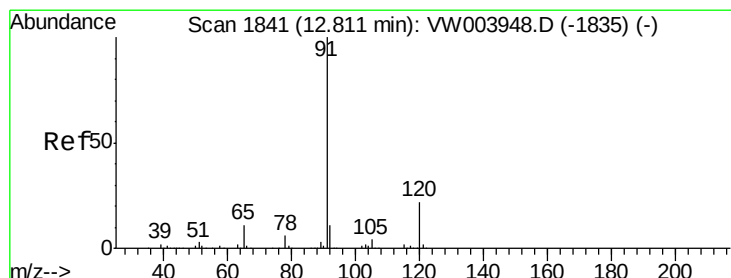
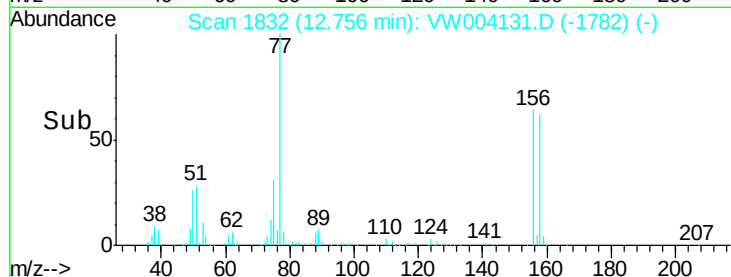
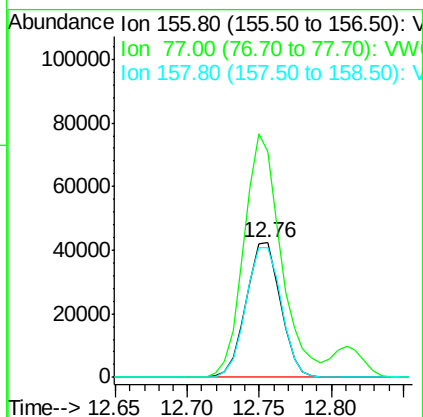
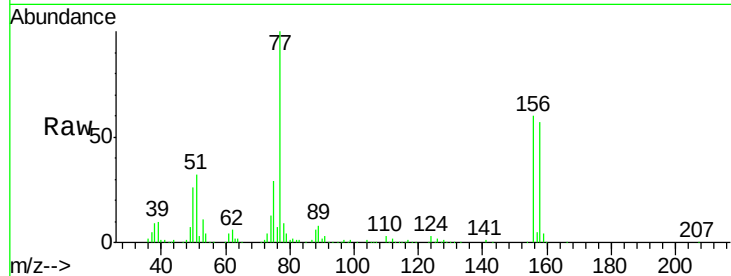
#77
Bromobenzene
Concen: 19.69 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	194.3	96.2	288.6
158	98.6	48.5	145.5

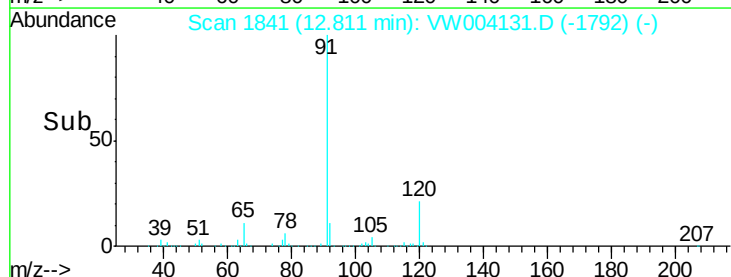
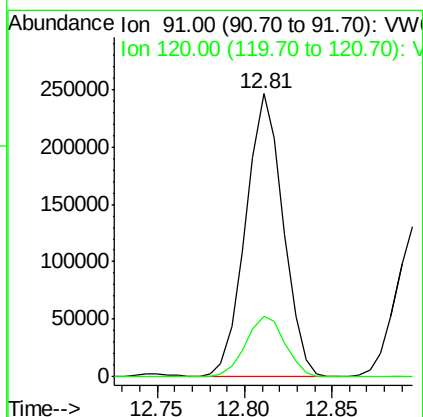
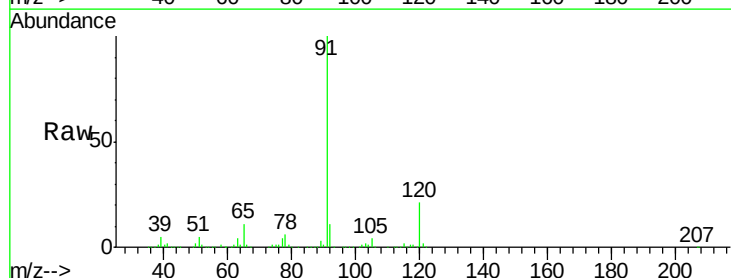
Manual Integrations
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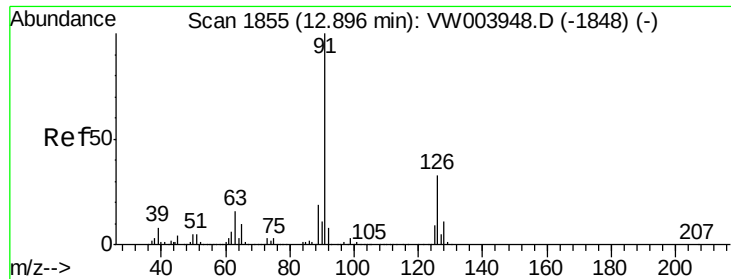
apatel
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#78
n-propylbenzene
Concen: 20.04 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.6





#79

2-Chlorotoluene

Concen: 20.34 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

Tot Ion: 91 Resp: 209693

Ion Ratio Lower Upper

91 100

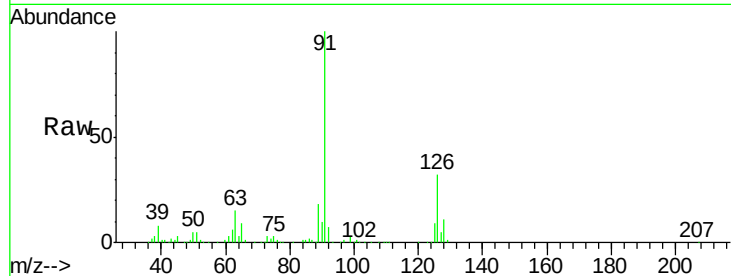
126 32.9 17.0 51.0

Manual Integrations

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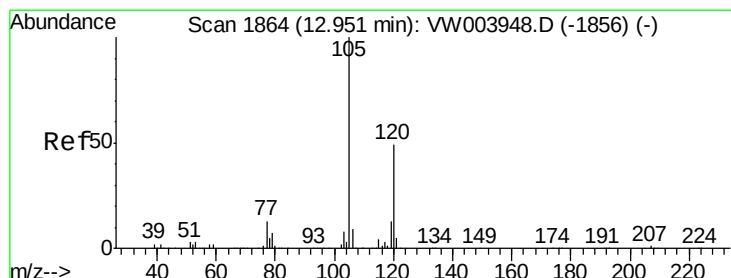
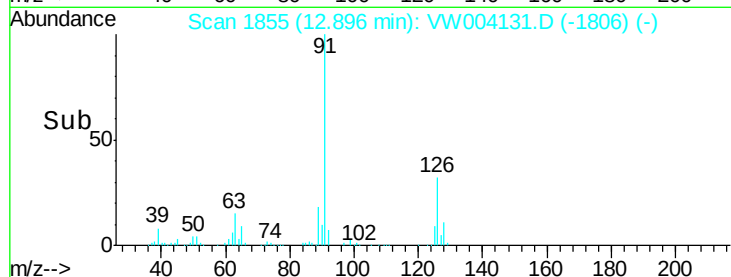
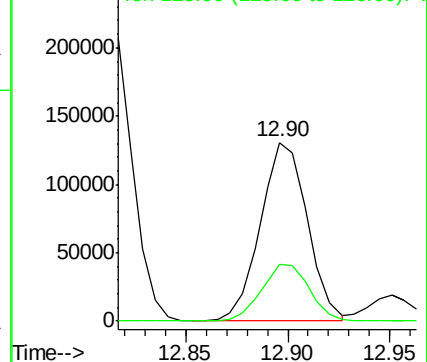
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.27 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004131.D

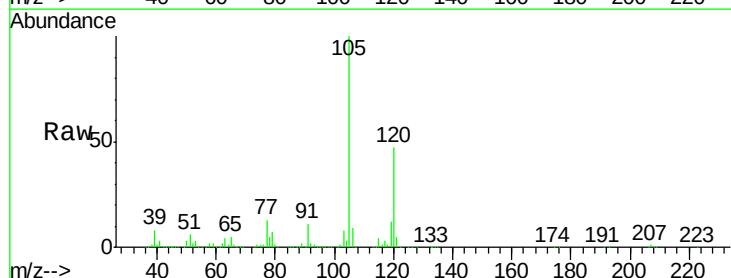
Acq: 23 Jul 2018 12:36

Tgt Ion:105 Resp: 254095

Ion Ratio Lower Upper

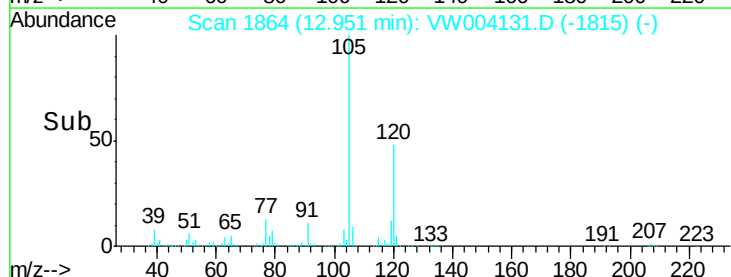
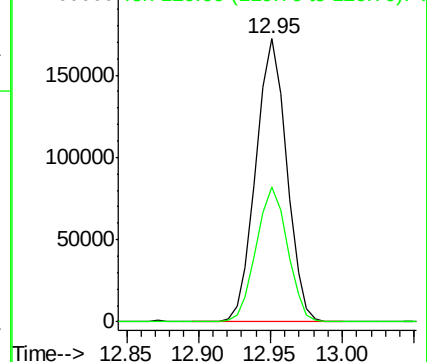
105 100

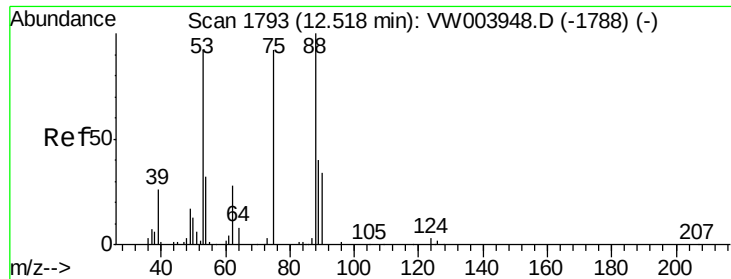
120 48.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





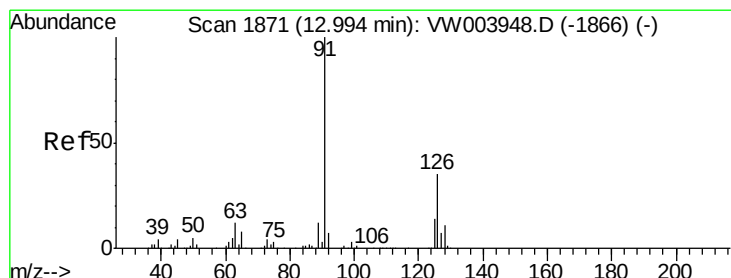
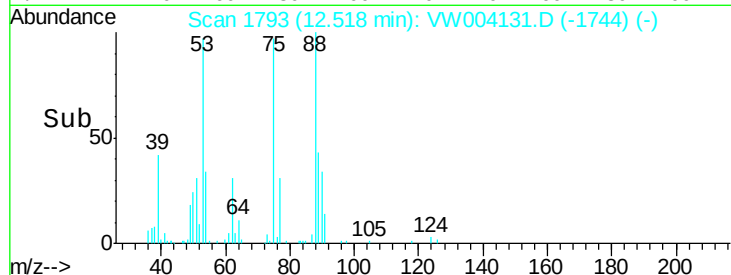
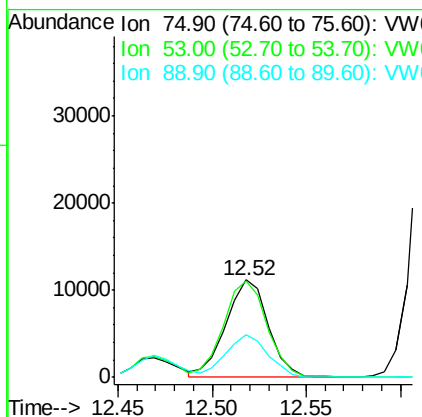
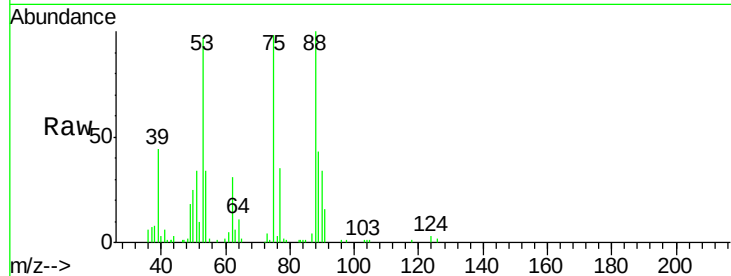
#81
trans-1,4-Dichloro-2-butene
Concen: 18.40 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.7	77.6	116.4
89	43.3	36.6	54.8

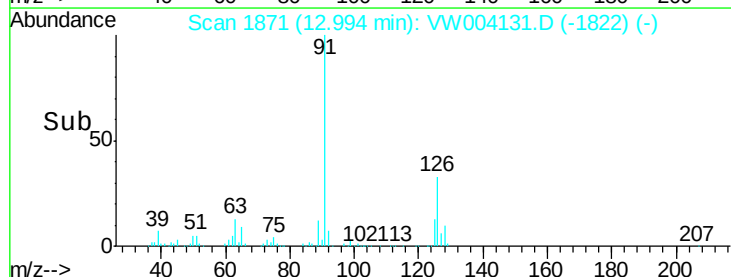
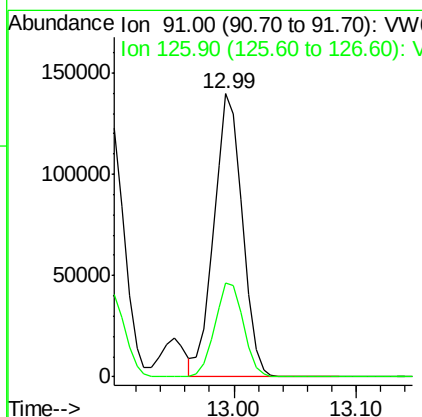
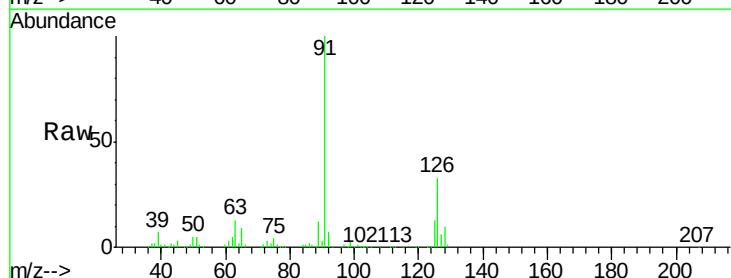
Manual Integrations
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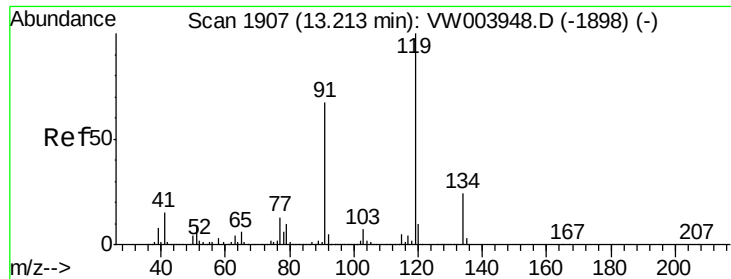
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#82
4-Chlorotoluene
Concen: 20.35 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.7	50.0





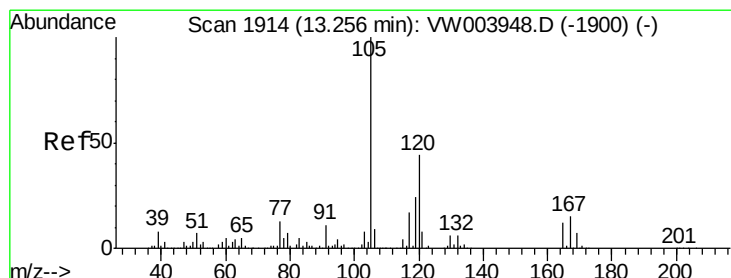
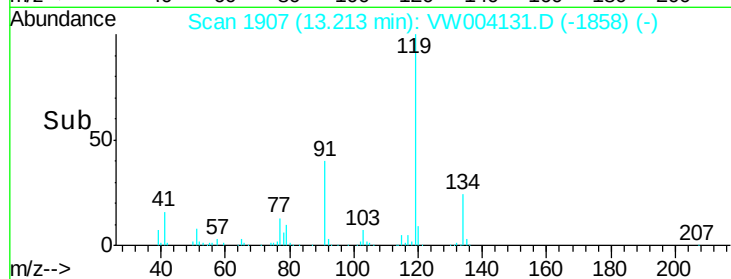
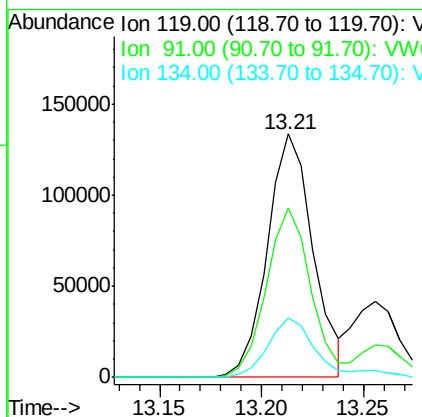
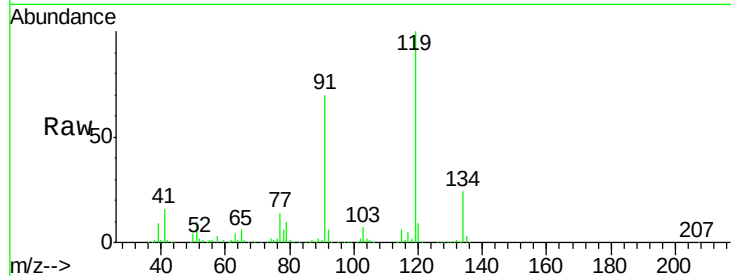
#83
 tert-Butylbenzene
 Concen: 19.78 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	208226		
91	68.9		33.2	99.6
134	24.4		13.0	38.9

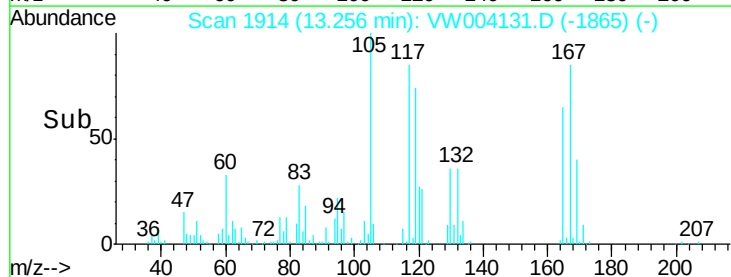
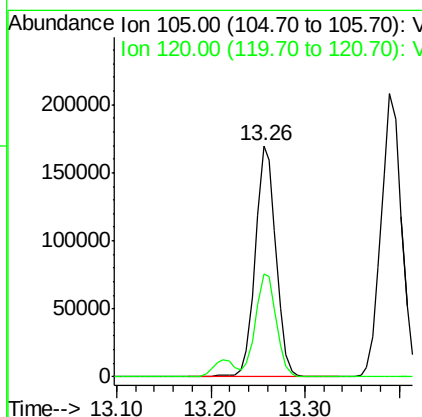
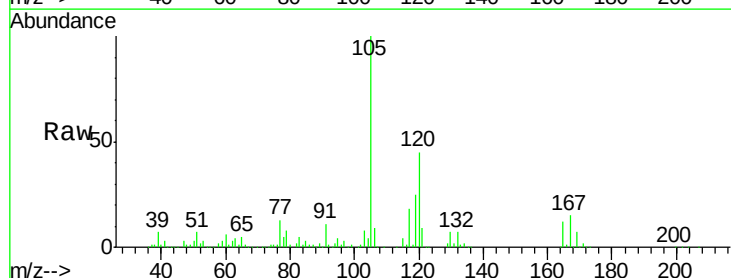
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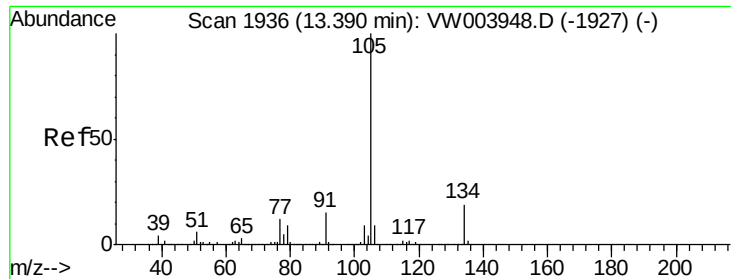
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.35 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262445		
120	44.8		22.1	66.1





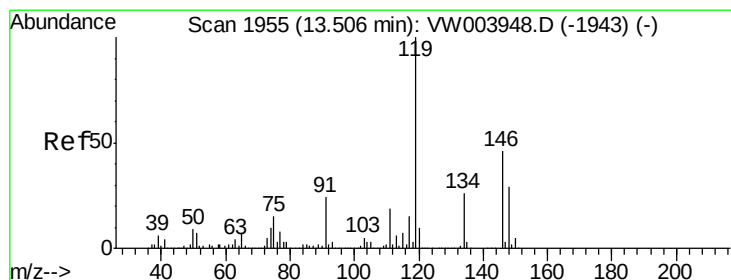
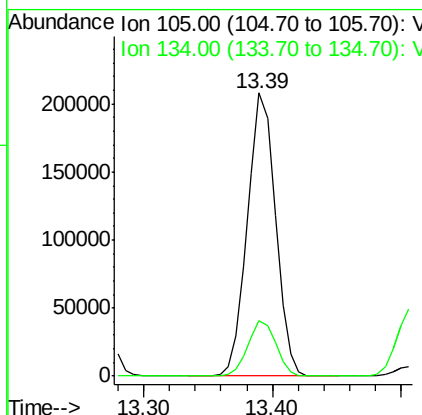
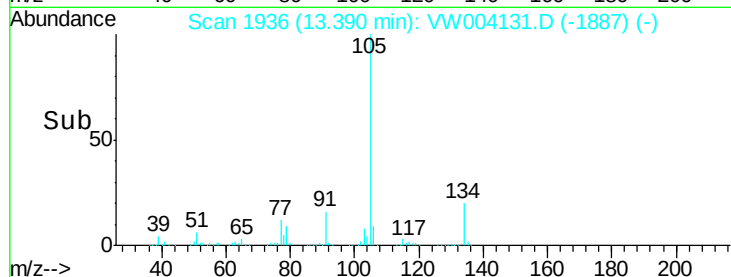
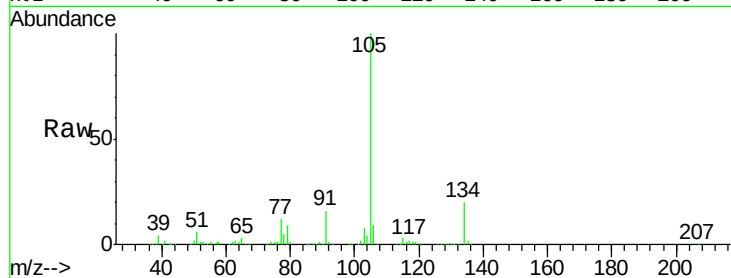
#85
 sec-Butylbenzene
 Concen: 20.02 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

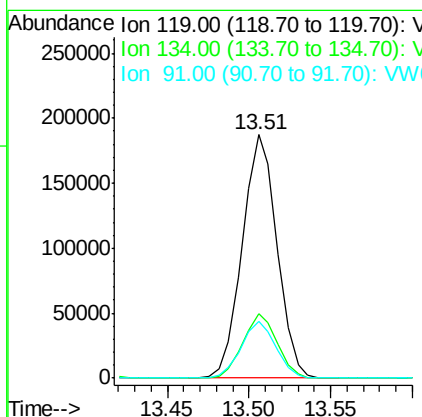
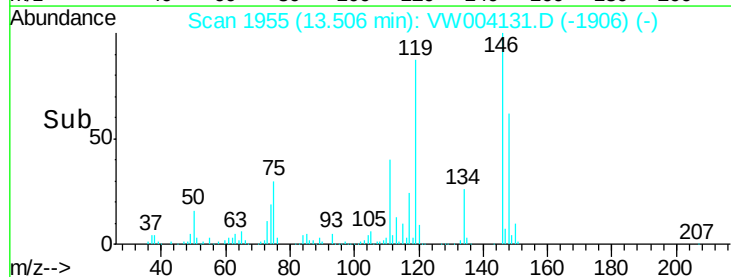
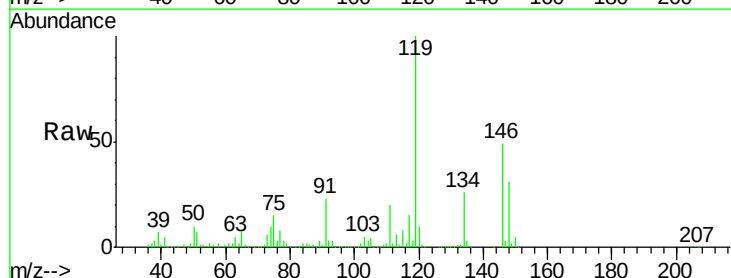
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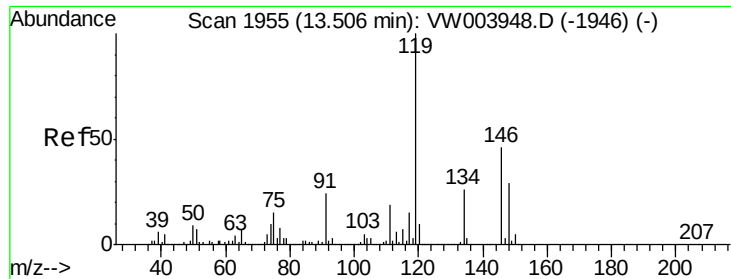
apatel
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#86
 p-Isopropyltoluene
 Concen: 20.26 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	23.1	11.8	35.3





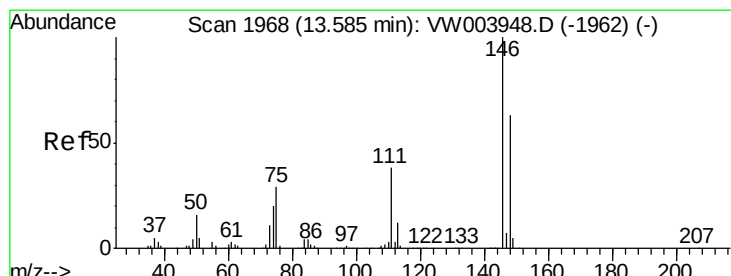
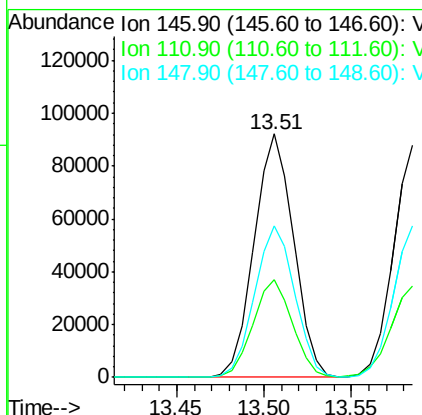
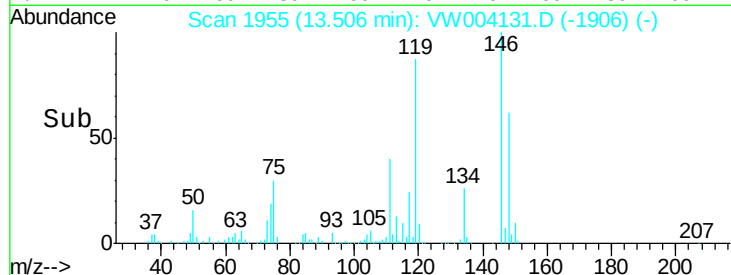
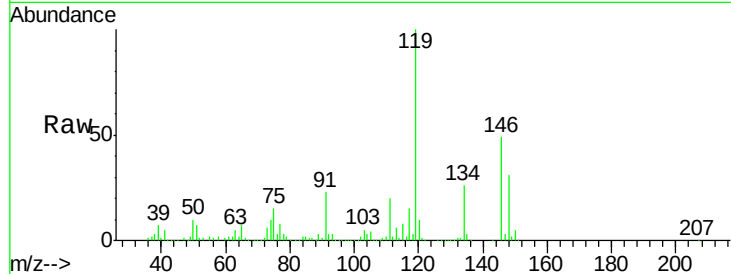
#87
1,3-Dichlorobenzene
Concen: 20.29 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	144481		
111	40.1	19.9	59.6	
148	62.7	31.9	95.5	

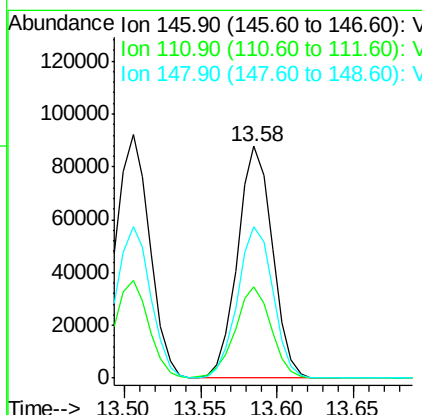
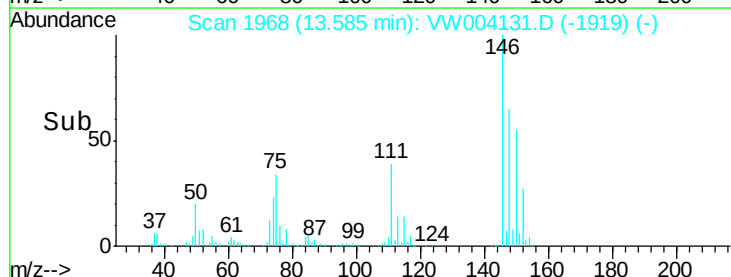
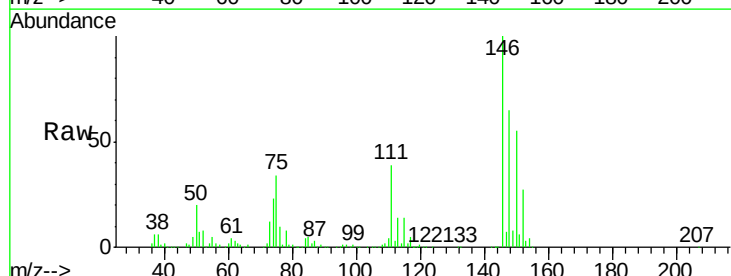
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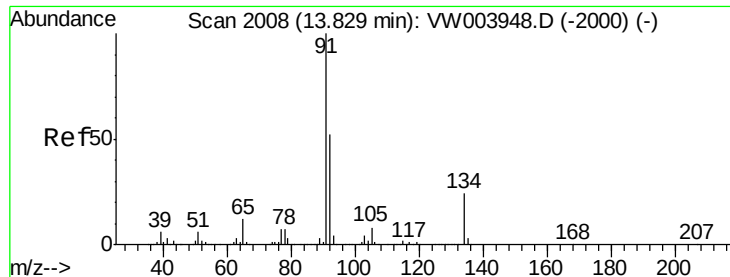
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#88
1,4-Dichlorobenzene
Concen: 19.49 ug/l
RT: 13.58 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	139177		
111	40.5	19.6	58.7	
148	66.1	32.3	96.8	





#89

n-Butylbenzene

Concen: 19.62 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

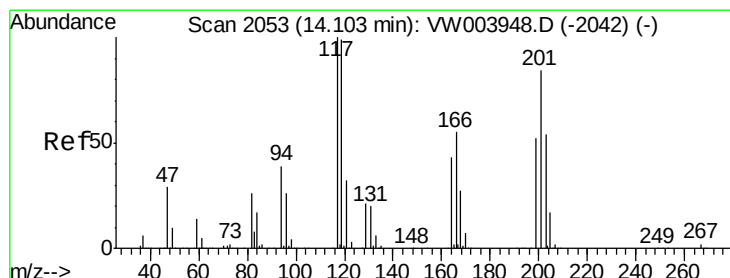
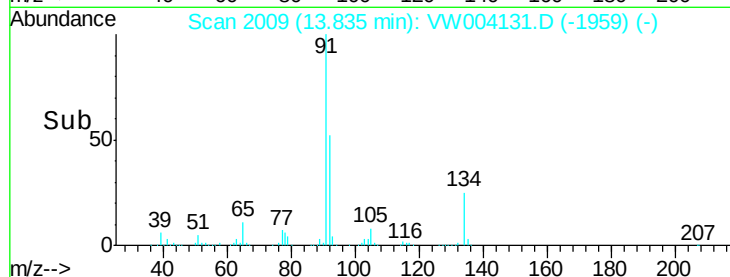
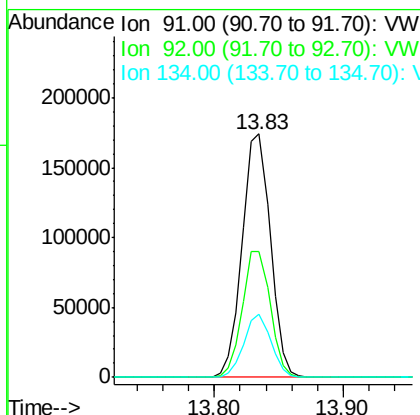
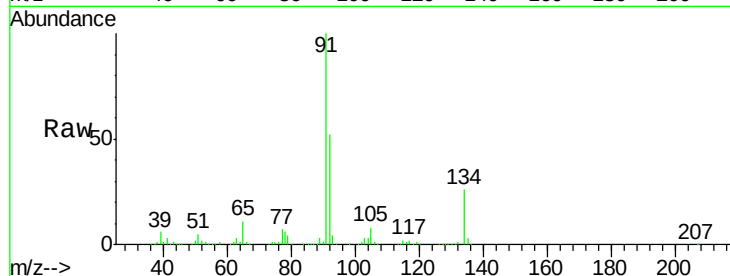
ClientSampleId :

VW0723SBS01

Tot Ion:	91	Resp:	264161
Ion Ratio	Lower	Upper	
91	100		
92	51.4	26.1	78.3
134	24.9	12.4	37.4

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#90

Hexachloroethane

Concen: 19.93 ug/l

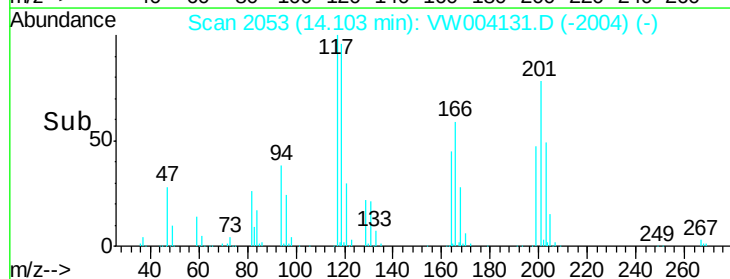
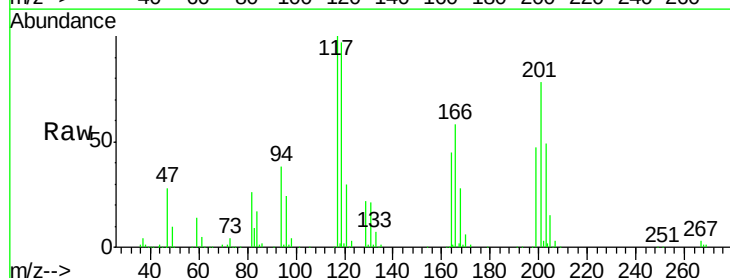
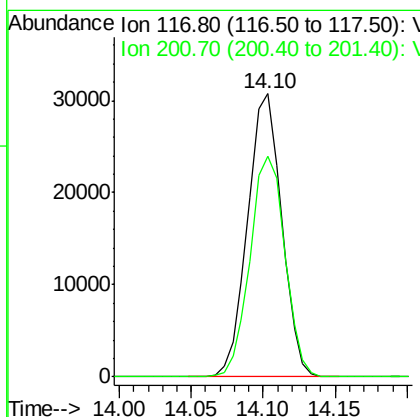
RT: 14.10 min Scan# 2053

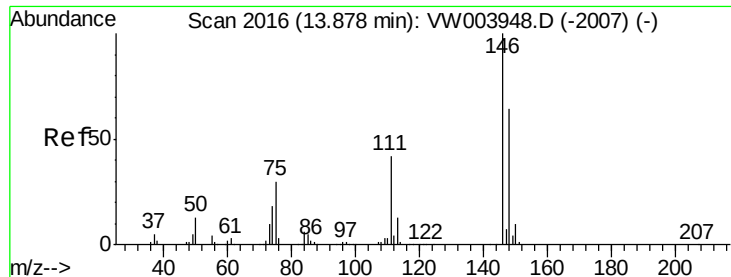
Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion:	117	Resp:	50322
Ion Ratio	Lower	Upper	
117	100		
201	79.7	40.3	120.9





#91

1,2-Dichlorobenzene

Concen: 20.00 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Instrument :

MSVOA_W

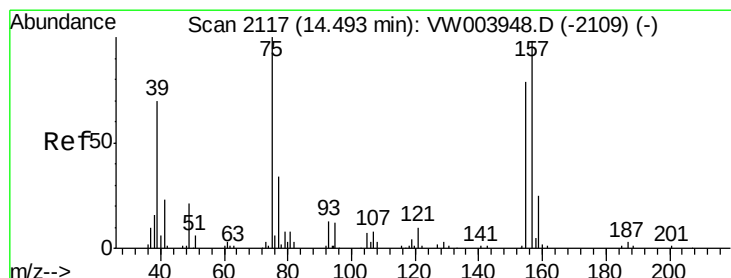
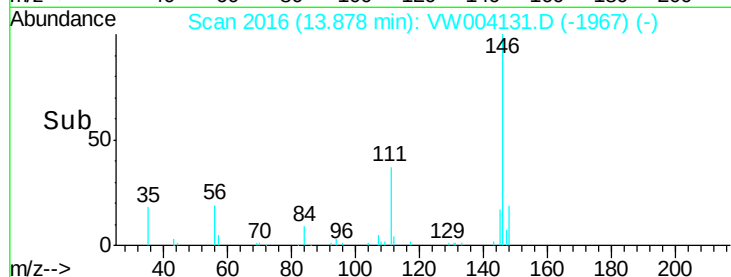
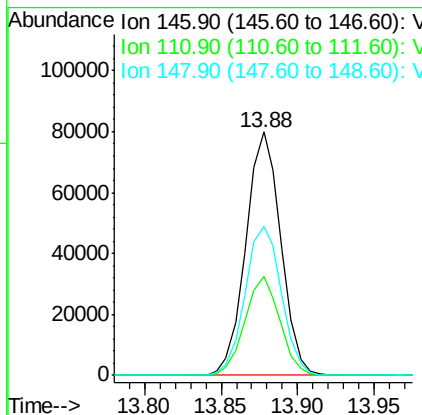
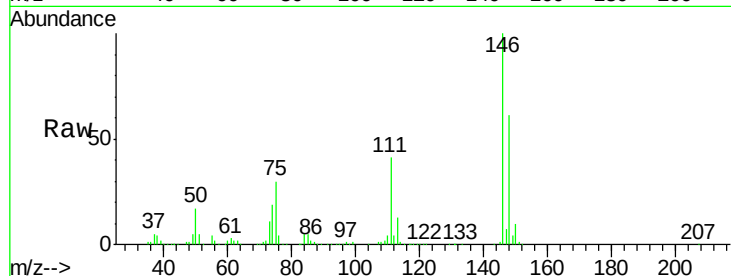
ClientSampleId :

VW0723SBSD01

Tot Ion:	146	Resp:	126856
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.7	62.1
148	63.7	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.47 ug/l

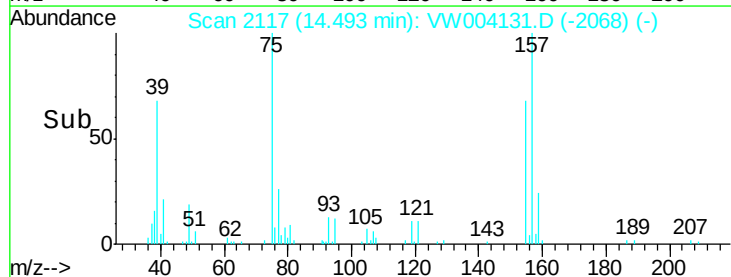
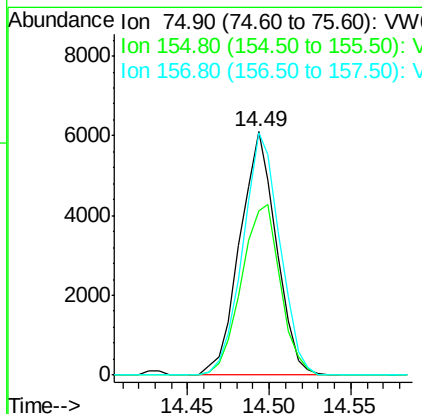
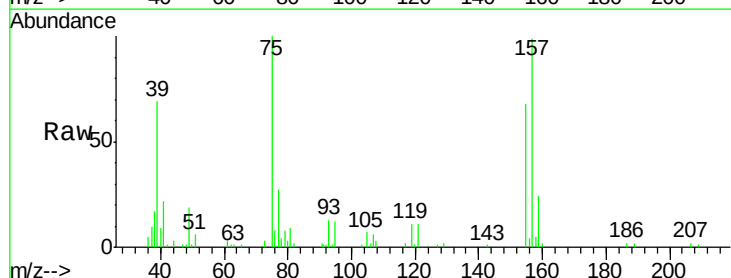
RT: 14.49 min Scan# 2117

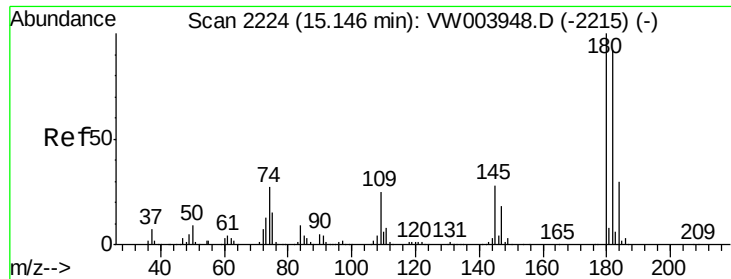
Delta R.T. 0.00 min

Lab File: VW004131.D

Acq: 23 Jul 2018 12:36

Tgt Ion:	75	Resp:	9464
Ion Ratio	Lower	Upper	
75	100		
155	74.9	39.4	118.1
157	101.4	51.8	155.4





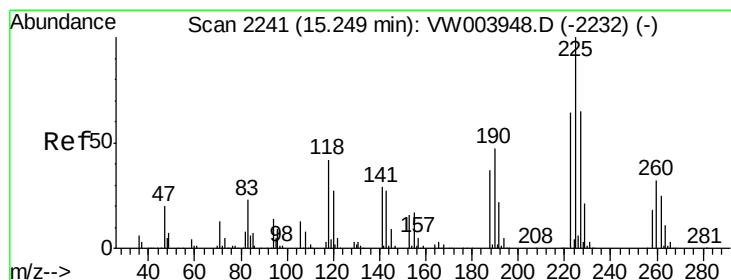
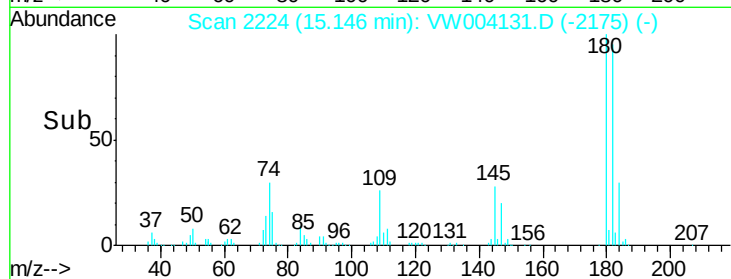
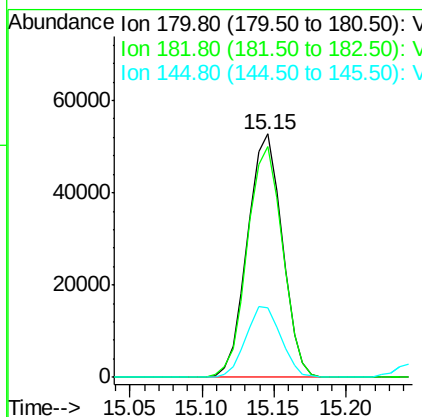
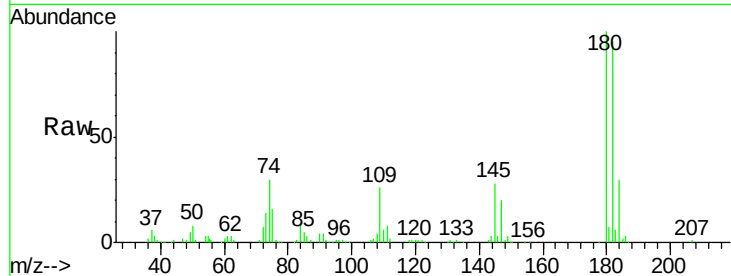
#93
 1,2,4-Trichlorobenzene
 Concen: 19.77 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	46.9	140.8	
145	29.3	15.0	45.0	

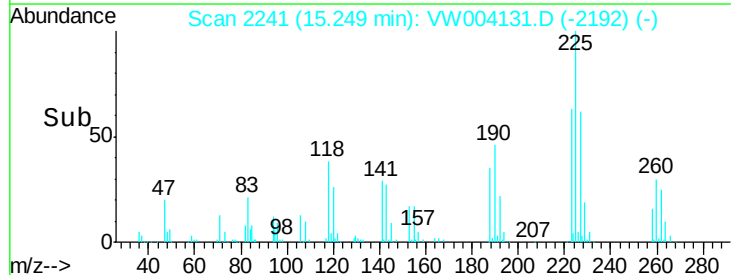
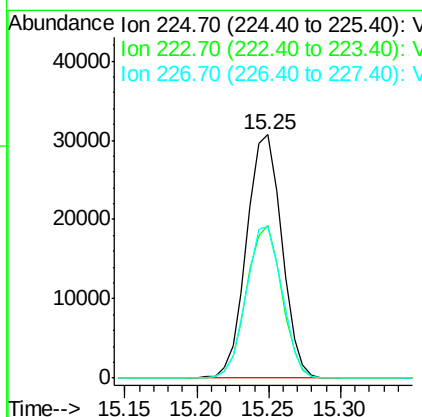
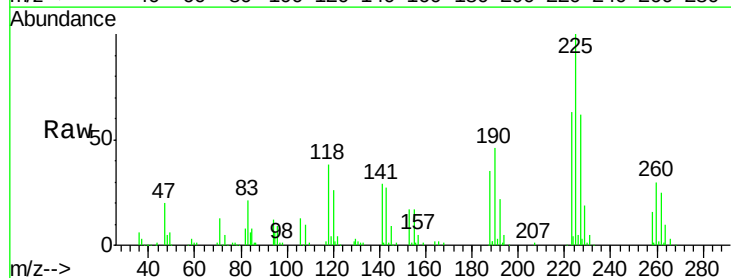
Manual Integrations
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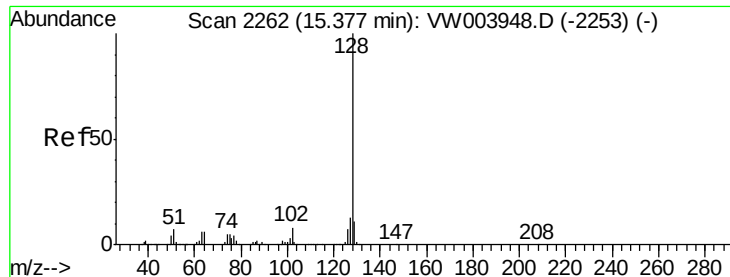
apatel
 7/24/2018 11:49:42 AM



#94
 Hexachlorobutadiene
 Concen: 20.31 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW004131.D
 Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	32.0	96.2	
227	63.4	32.3	96.9	





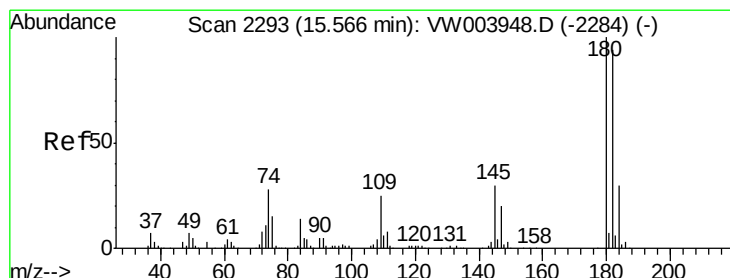
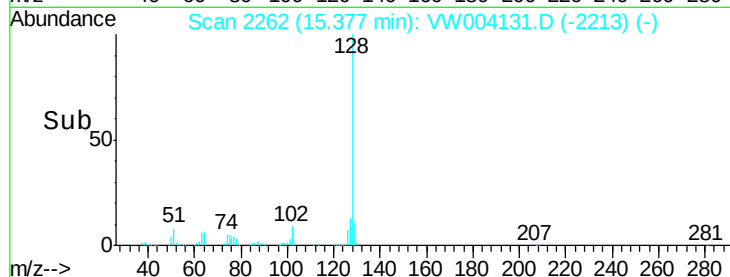
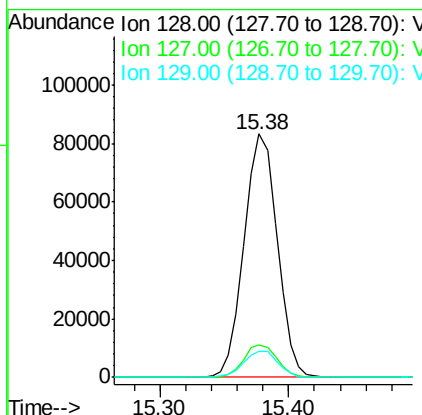
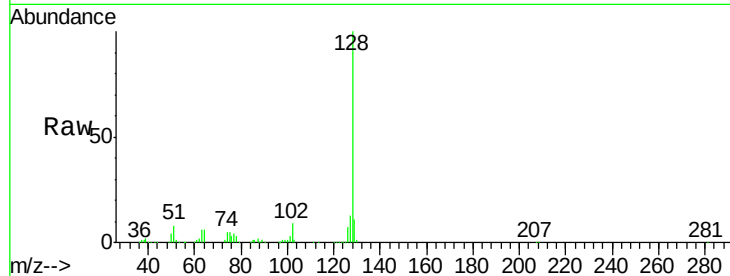
#95
Naphthalene
Concen: 18.04 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.2	8.7	13.1

Manual Integrations
APPROVED

apatel
7/24/2018 11:49:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.63 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004131.D
Acq: 23 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.6
145	32.1	15.8	47.4

