

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003821.D
 Acq On : 10 Jul 2018 13:30
 Operator : SY/AP
 Sample : VW0710SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Manual Integrations
 APPROVED

apatel
 7/11/2018 12:18:49 PM

Quant Time: Jul 10 13:59:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132869	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.88	113	116385	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.33	98	461116	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.62	95	167171	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21361	21.36	ug/l	89
3) Chloromethane	2.21	50	40541	21.36	ug/l	94
4) Vinyl Chloride	2.36	62	56212	22.45	ug/l	99
5) Bromomethane	2.78	94	38748	21.92	ug/l	98
6) Chloroethane	2.92	64	32900	21.91	ug/l	95
7) Trichlorofluoromethane	3.25	101	22694	22.44	ug/l	93
8) Diethyl Ether	3.67	74	19165	18.49	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37149	18.89	ug/l	98
10) Methyl Iodide	4.26	142	53474	18.26	ug/l	98
11) Tert butyl alcohol	5.21	59	11117	76.29	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	35953	18.61	ug/l	92
13) Acrolein	3.89	56	15089	69.17	ug/l	97
14) Allyl chloride	4.65	41	54728	16.30	ug/l	94
15) Acrylonitrile	5.37	53	41770	80.47	ug/l	98
16) Acetone	4.14	43	42718	91.57	ug/l	96
17) Carbon Disulfide	4.37	76	114175	18.03	ug/l	100
18) Methyl Acetate	4.67	43	20252	15.40	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	63123	15.82	ug/l	97
20) Methylene Chloride	4.92	84	44408	16.61	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	38581	16.87	ug/l	88
22) Diisopropyl ether	6.31	45	118332	16.03	ug/l	95
23) Vinyl Acetate	6.26	43	363160	80.58	ug/l	100
24) 1,1-Dichloroethane	6.21	63	73434	16.45	ug/l	99
25) 2-Butanone	7.18	43	59681	81.68	ug/l	96
26) 2,2-Dichloropropane	7.17	77	44146	18.23	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	42344	16.75	ug/l	98
28) Bromochloromethane	7.51	49	32217	16.20	ug/l	97
29) Tetrahydrofuran	7.54	42	36380	77.45	ug/l	99
30) Chloroform	7.68	83	94273	20.70	ug/l	99
31) Cyclohexane	7.95	56	86018	21.92	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	74126	21.38	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77083	22.68	ug/l	98
37) Ethyl Acetate	7.26	43	25765	15.58	ug/l	98
38) Carbon Tetrachloride	8.07	117	72351	22.39	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83508	22.44	ug/l	95
40) Benzene	8.32	78	210273	21.64	ug/l	100
41) Methacrylonitrile	7.48	41	14682	15.44	ug/l	96
42) 1,2-Dichloroethane	8.40	62	66509	21.15	ug/l	100
43) Isopropyl Acetate	8.43	43	62545	19.96	ug/l	99
44) Trichloroethene	9.09	130	53858	21.99	ug/l	98
45) 1,2-Dichloropropane	9.37	63	53919	21.35	ug/l	95
46) Dibromomethane	9.46	93	27715	20.87	ug/l	99
47) Bromodichloromethane	9.65	83	68779	21.05	ug/l	98
48) Methyl methacrylate	9.44	41	30645	20.53	ug/l	98
49) 1,4-Dioxane	9.47	88	7911	398.53	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	169224	104.36	ug/l	99
52) Toluene	10.39	92	133039	22.09	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69182	21.21	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	78643	21.35	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	38648	20.95	ug/l	97
56) Ethyl methacrylate	10.65	69	46184	20.52	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67779	21.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	98985	92.28	ug/l	99
59) 2-Hexanone	10.98	43	120723	108.42	ug/l	96
60) Dibromochloromethane	11.13	129	46061	21.39	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36977	20.96	ug/l	100
64) Tetrachloroethene	10.87	164	46332	20.83	ug/l	96
65) Chlorobenzene	11.66	112	142983	21.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50348	21.74	ug/l	97
67) Ethyl Benzene	11.74	91	251237	22.17	ug/l	99
68) m/p-Xylenes	11.84	106	197654	45.54	ug/l	99
69) o-Xylene	12.17	106	87571	21.87	ug/l	100
70) Styrene	12.18	104	153057	22.47	ug/l	99
71) Bromoform	12.35	173	27015	21.13	ug/l #	99
73) Isopropylbenzene	12.47	105	246524	22.01	ug/l	100
74) N-amyl acetate	12.28	43	61731	20.33	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47422	20.88	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30739m	18.93	ug/l	
77) Bromobenzene	12.75	156	58815	21.15	ug/l	100
78) n-propylbenzene	12.81	91	316566	22.51	ug/l	100
79) 2-Chlorotoluene	12.90	91	176993	21.91	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	215298	22.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14241	21.45	ug/l	96
82) 4-Chlorotoluene	12.99	91	191586	22.06	ug/l	100
83) tert-Butylbenzene	13.21	119	176207	22.13	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	223677	22.30	ug/l	99
85) sec-Butylbenzene	13.39	105	268570	22.55	ug/l	100
86) p-Isopropyltoluene	13.51	119	234847	22.57	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123148	21.86	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	122584	21.64	ug/l	99
89) n-Butylbenzene	13.83	91	232314	22.69	ug/l	99
90) Hexachloroethane	14.10	117	42634	21.27	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	108961	21.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8143	20.72	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	73580	21.44	ug/l	99
94) Hexachlorobutadiene	15.25	225	43776	22.30	ug/l	98
95) Naphthalene	15.38	128	127894	20.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	67441	21.94	ug/l	99

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

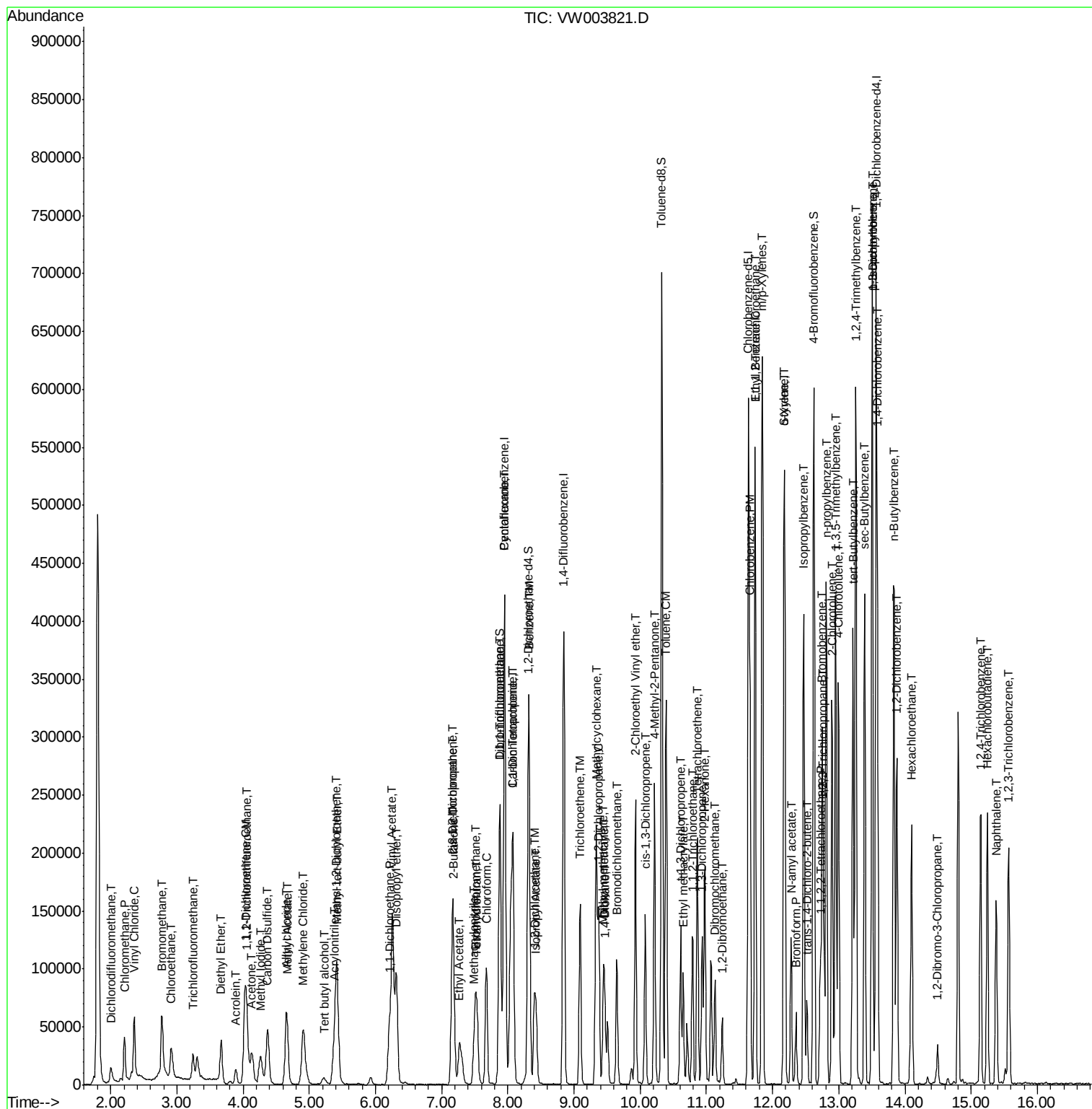
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003821.D
 Acq On : 10 Jul 2018 13:30
 Operator : SY/AP
 Sample : VW0710SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

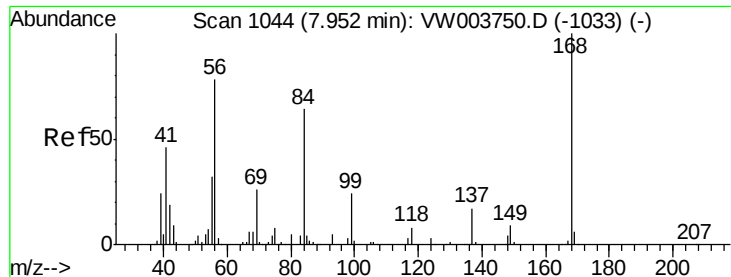
Instrument :
 MSVOA_W
 Client Sampled :
 VW0710SBSD01

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion:168 Resp: 205606

Ion Ratio Lower Upper

168 100

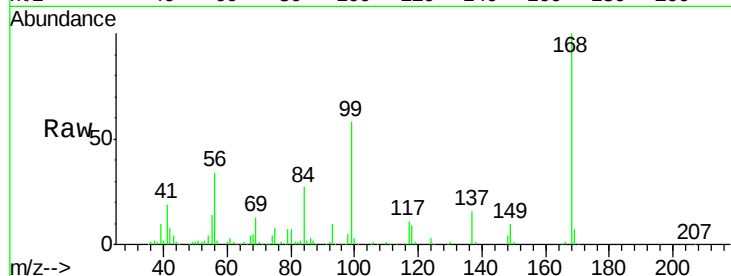
99 58.4 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

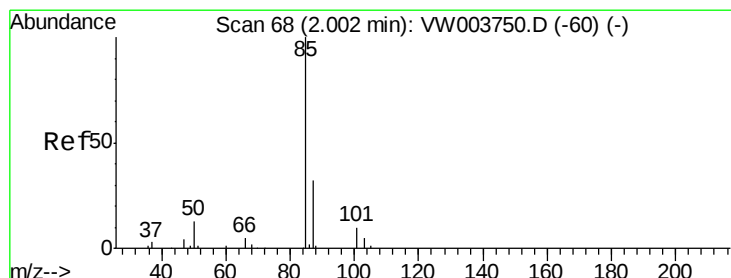
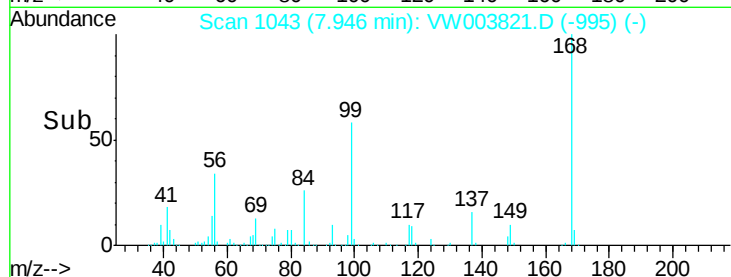
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.36 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003821.D

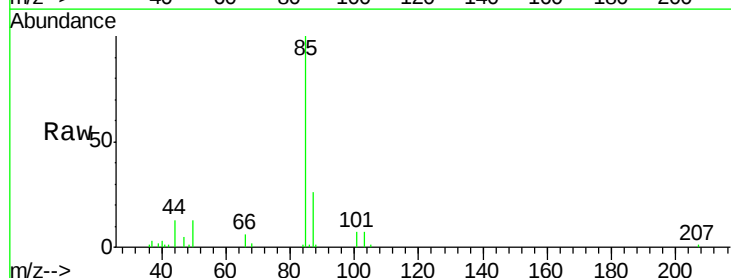
Acq: 10 Jul 2018 13:30

Tgt Ion: 85 Resp: 21361

Ion Ratio Lower Upper

85 100

87 26.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

6000

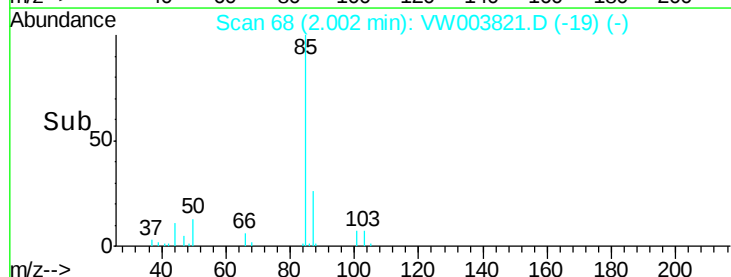
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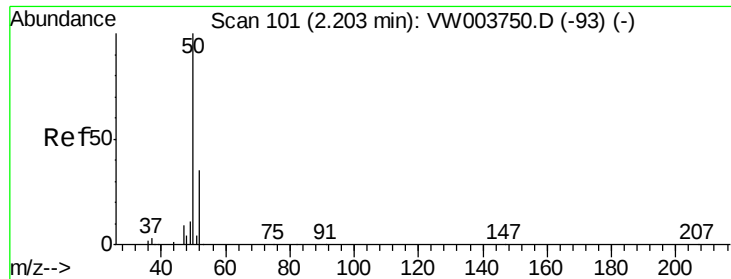
2000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.36 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion: 50 Resp: 40541

Ion Ratio Lower Upper

50 100

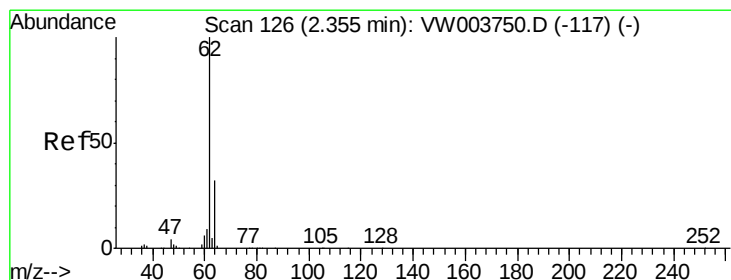
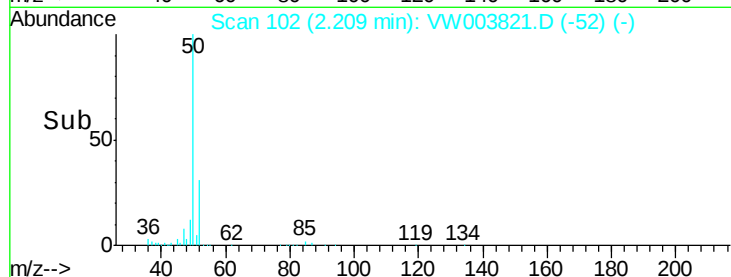
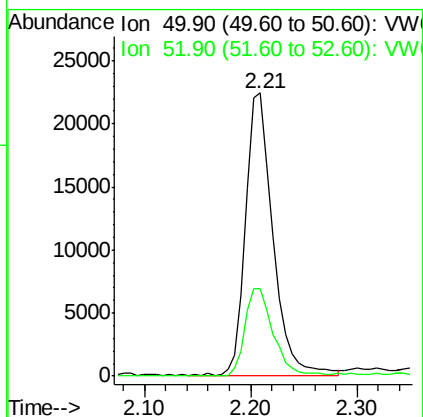
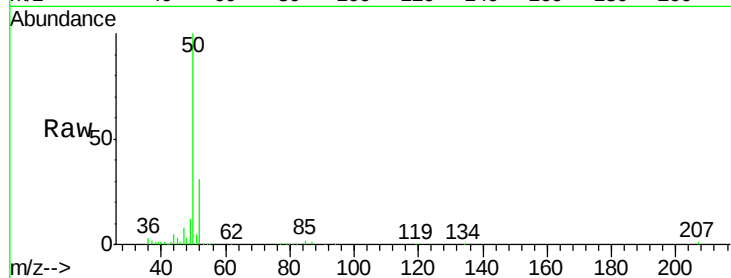
52 31.2 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.45 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003821.D

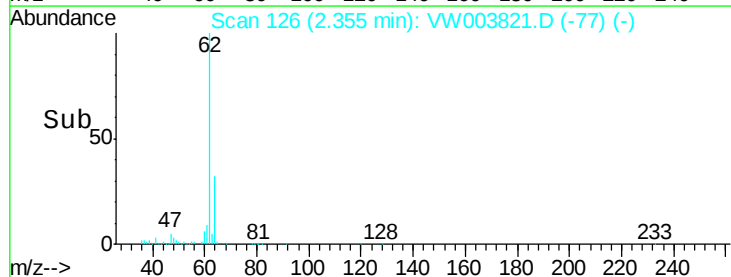
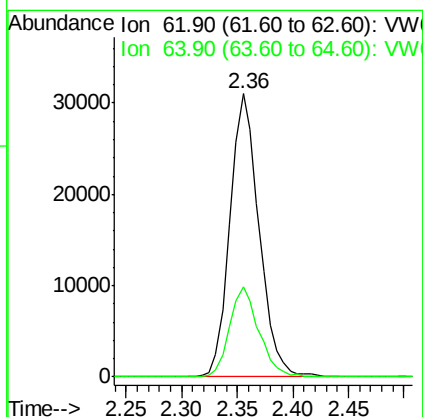
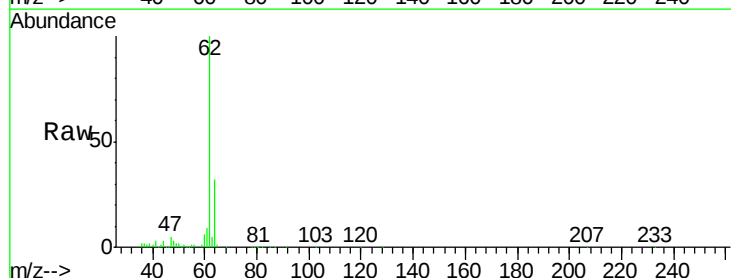
Acq: 10 Jul 2018 13:30

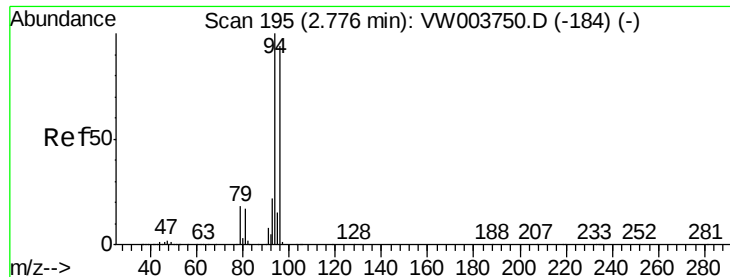
Tgt Ion: 62 Resp: 56212

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 21.92 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion: 94 Resp: 38748

Ion Ratio Lower Upper

94 100

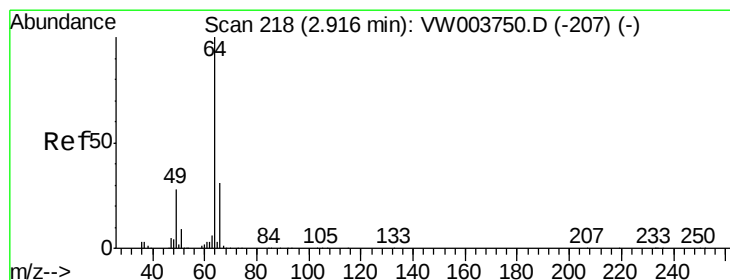
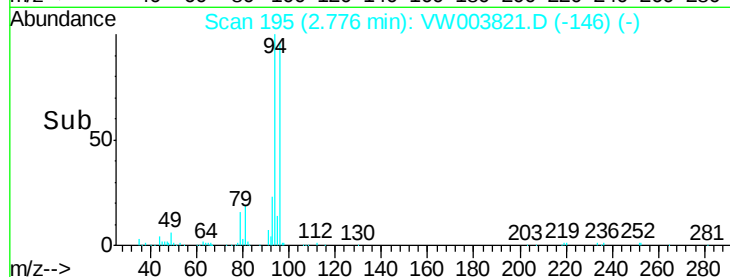
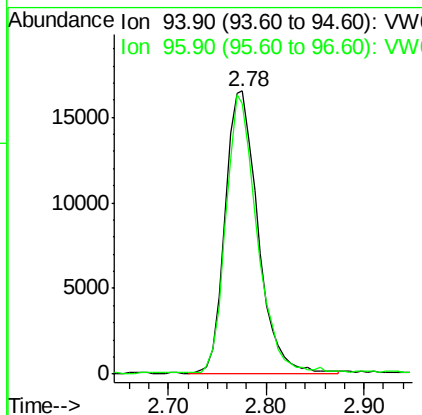
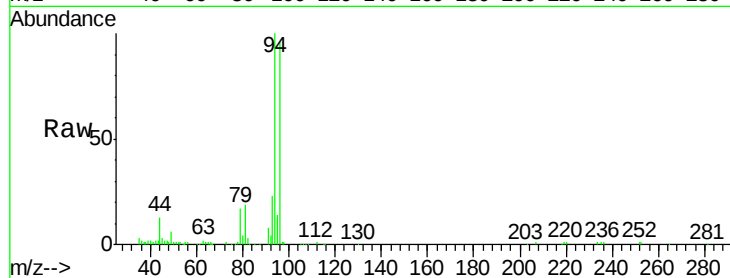
96 95.0 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 21.91 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003821.D

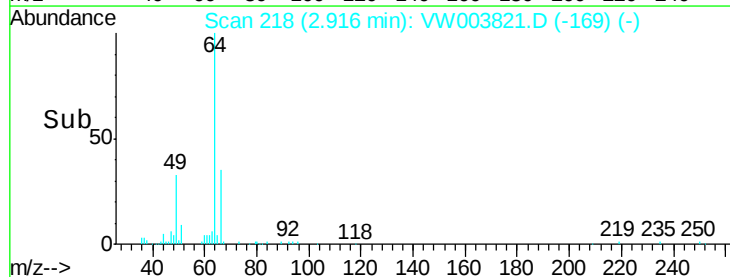
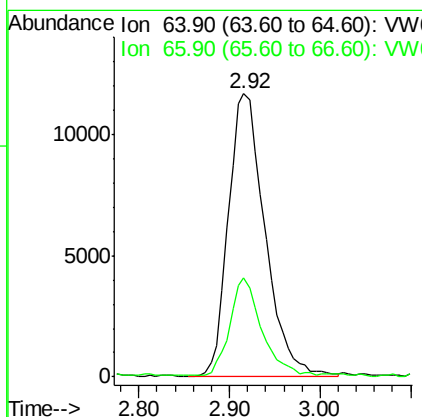
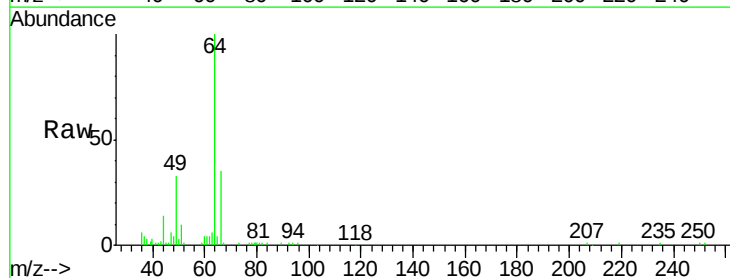
Acq: 10 Jul 2018 13:30

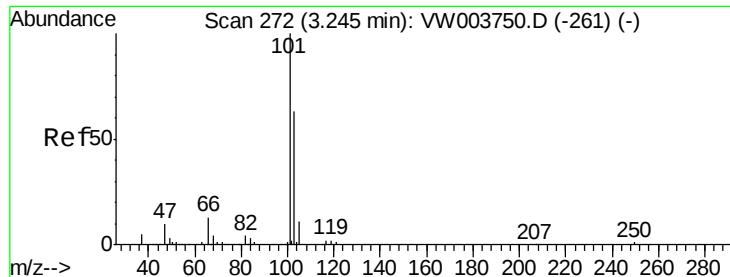
Tgt Ion: 64 Resp: 32900

Ion Ratio Lower Upper

64 100

66 34.3 25.1 37.7





#7

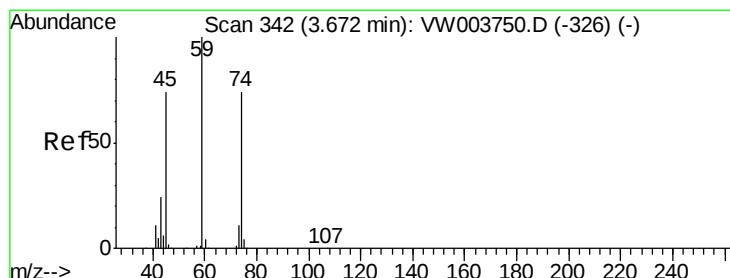
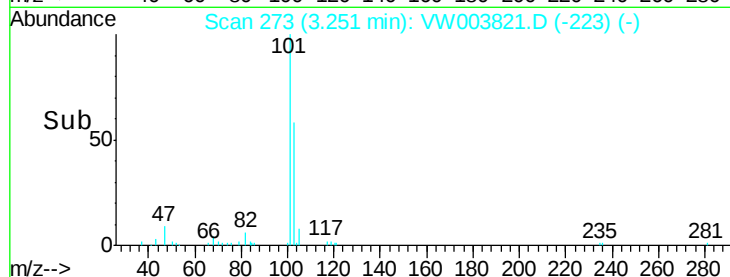
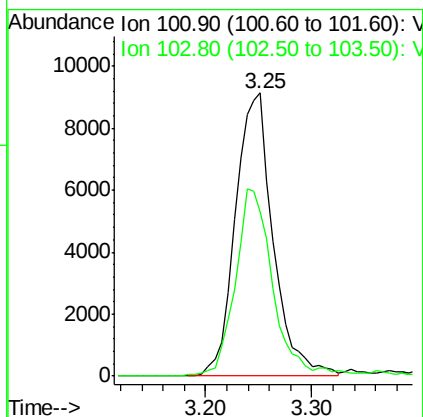
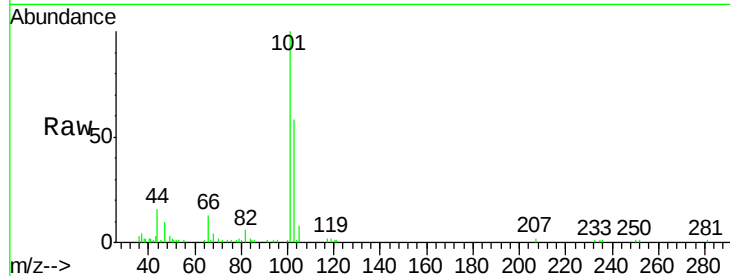
Trichlorofluoromethane
Concen: 22.44 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
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ClientSampleId :
VW0710SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	57.6	50.7	76.1

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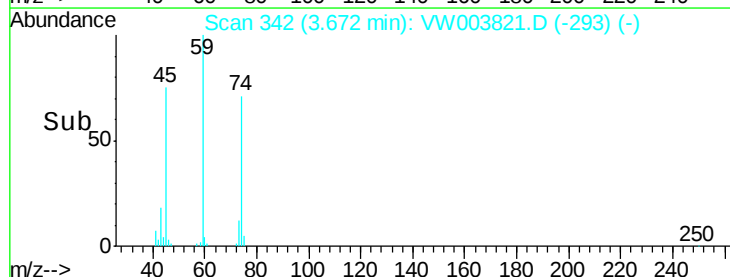
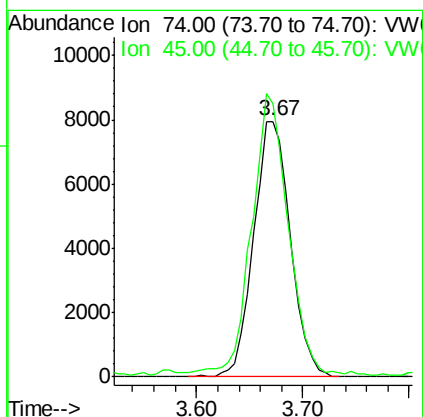
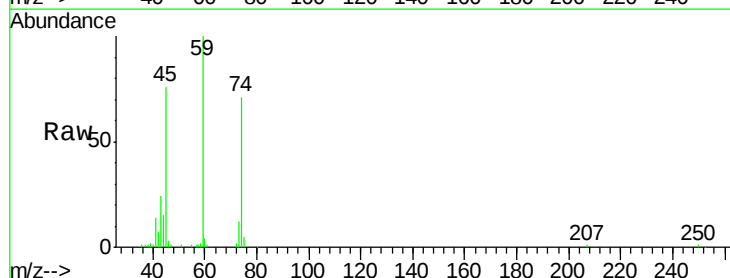
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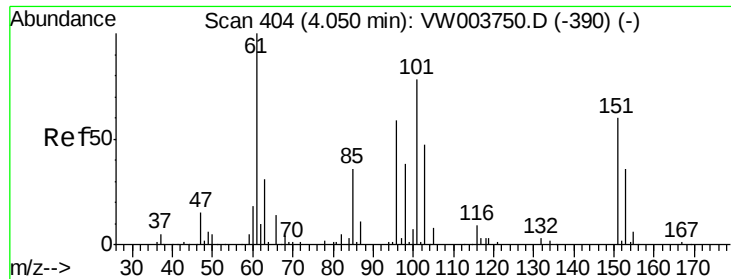


#8

Diethyl Ether
Concen: 18.49 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.7	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.89 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

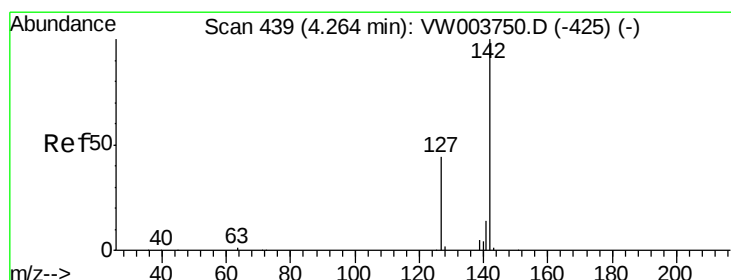
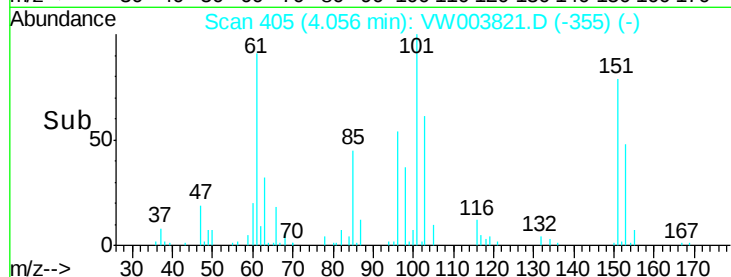
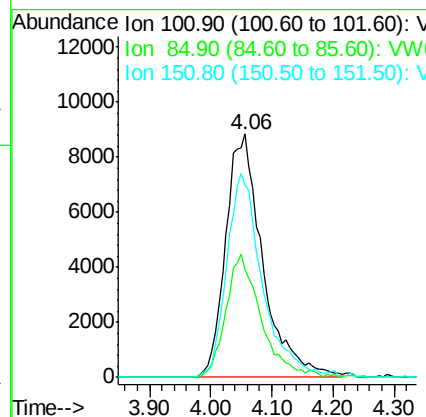
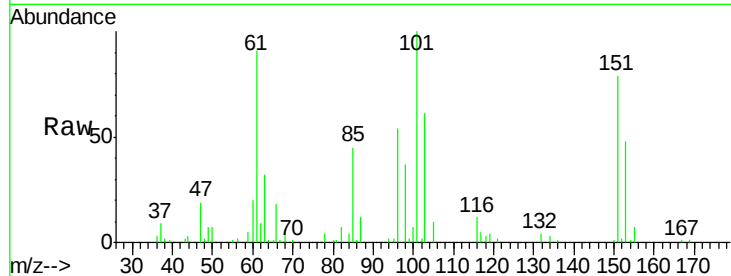
ClientSampleId :

VW0710SBSD01

Tot Ion:	101	Resp:	37149
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.1	55.7
151	80.2	62.3	93.5

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#10

Methyl Iodide

Concen: 18.26 ug/l

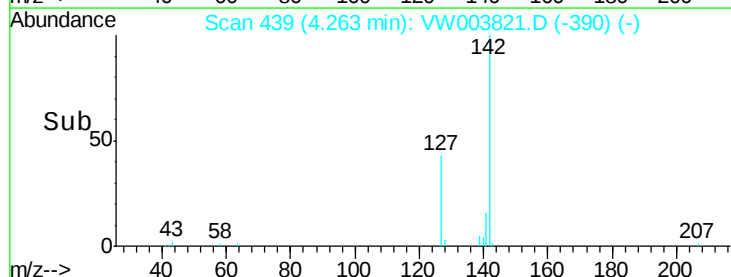
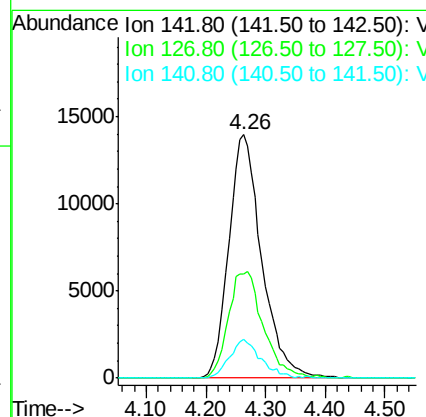
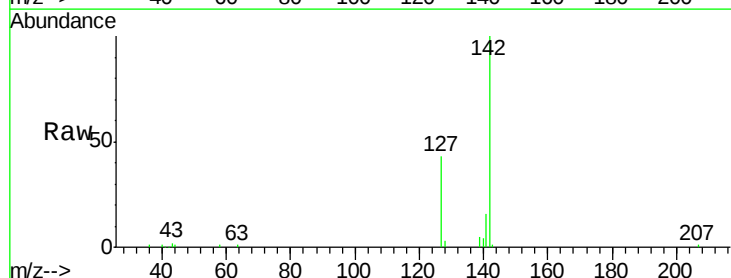
RT: 4.26 min Scan# 439

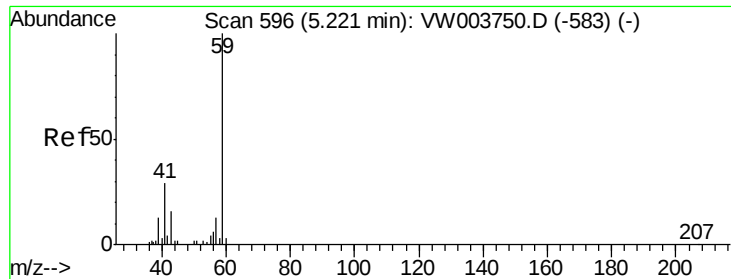
Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Tgt Ion:	142	Resp:	53474
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.1	54.1
141	15.0	11.6	17.4





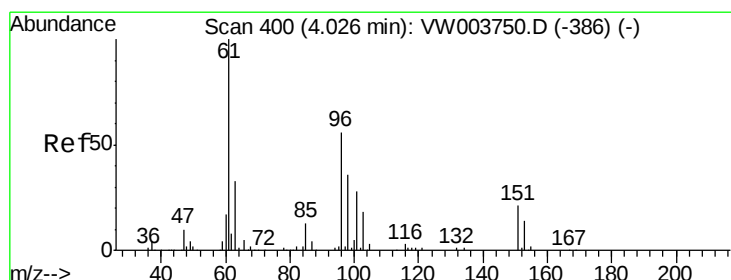
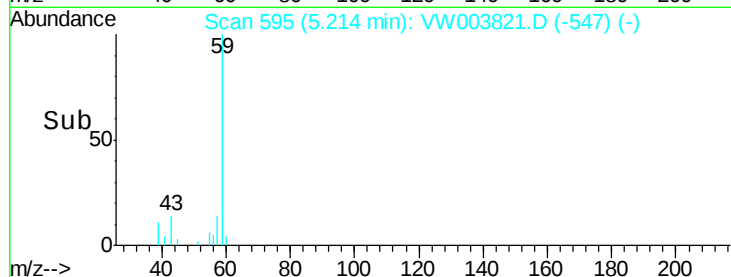
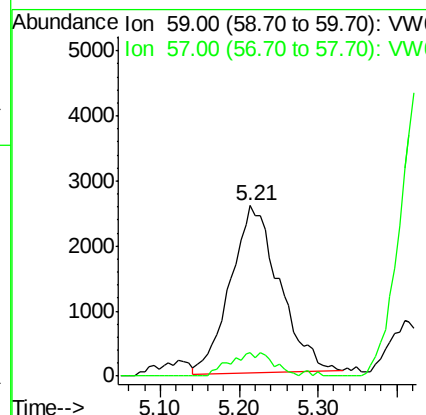
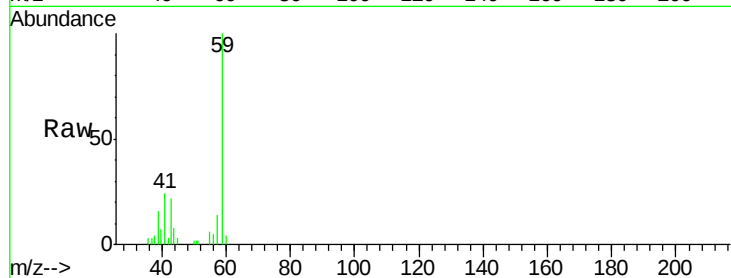
#11
Tert butyl alcohol
Concen: 76.29 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleID :
VW0710SBSD01

Tot Ion: 59 Resp: 11117
Ion Ratio Lower Upper
59 100
57 7.5 9.3 13.9#

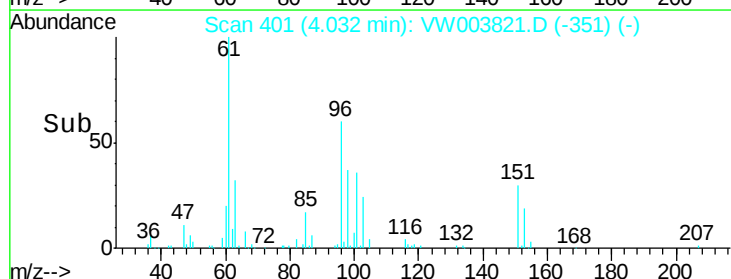
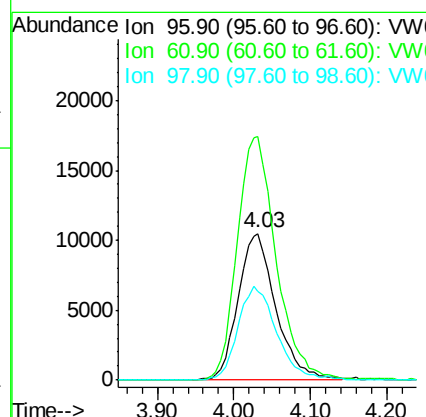
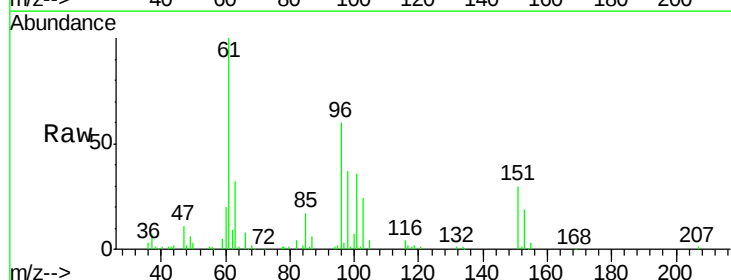
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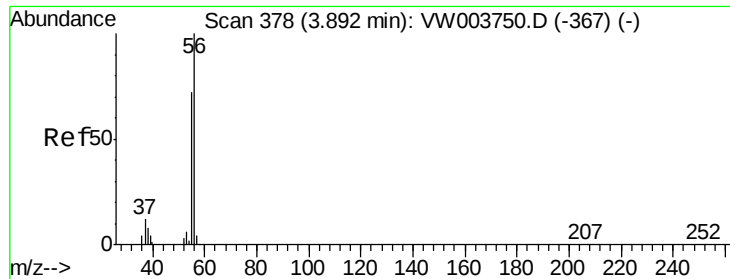
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#12
1,1-Dichloroethene
Concen: 18.61 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion: 96 Resp: 35953
Ion Ratio Lower Upper
96 100
61 166.2 143.2 214.8
98 60.8 51.4 77.0





#13

Acrolein

Concen: 69.17 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS01

Tot Ion: 56 Resp: 15089

Ion Ratio Lower Upper

56 100

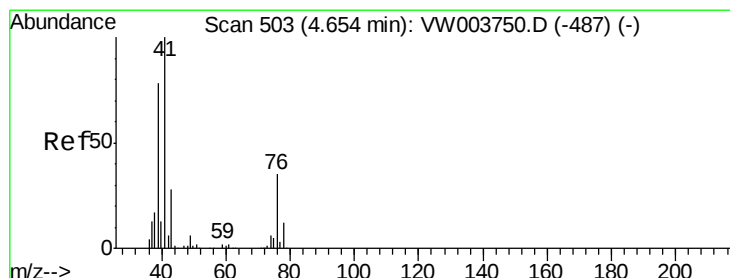
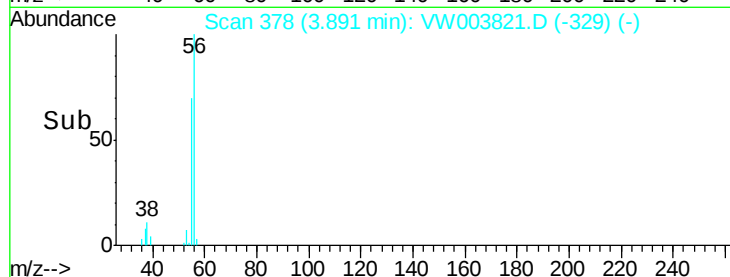
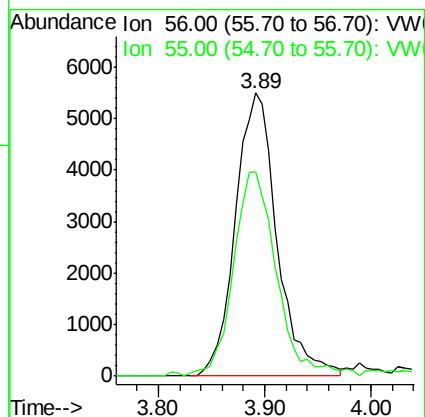
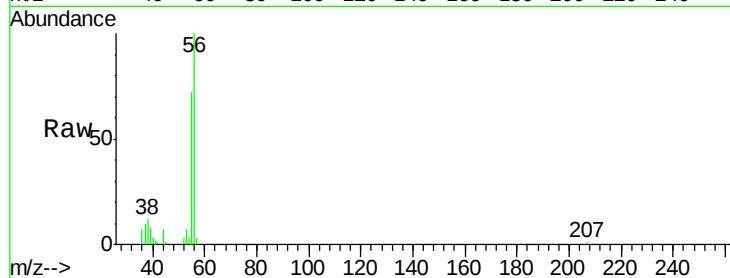
55 74.4 57.5 86.3

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#14

Allyl chloride

Concen: 16.30 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

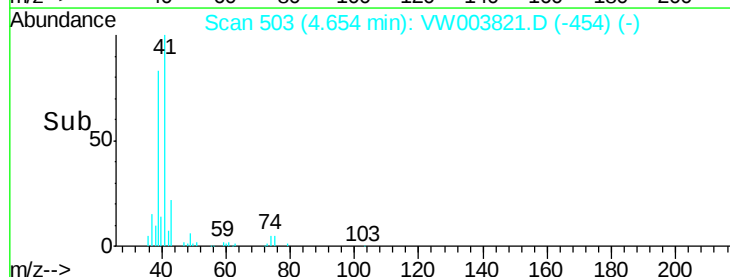
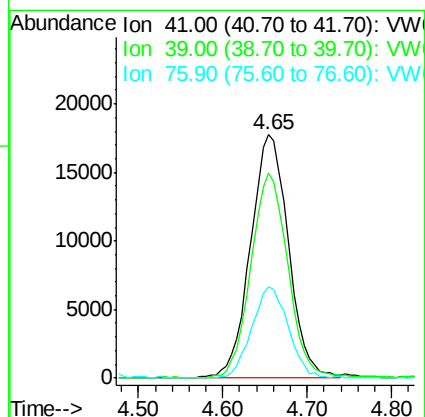
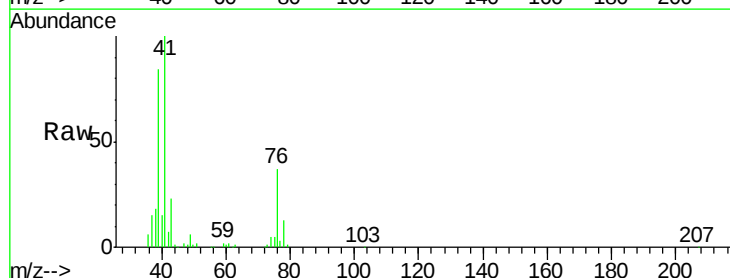
Tgt Ion: 41 Resp: 54728

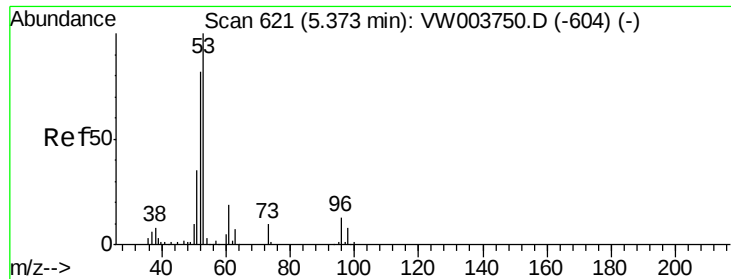
Ion Ratio Lower Upper

41 100

39 82.1 60.9 91.3

76 36.0 27.5 41.3





#15

Acrylonitrile

Concen: 80.47 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

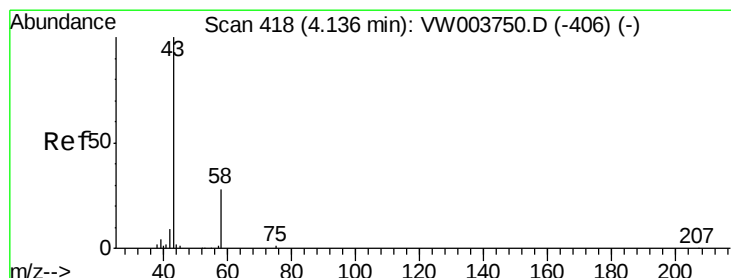
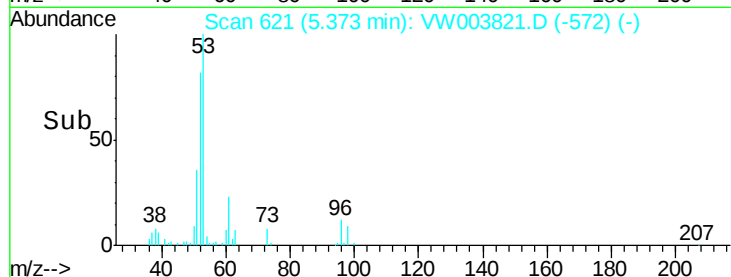
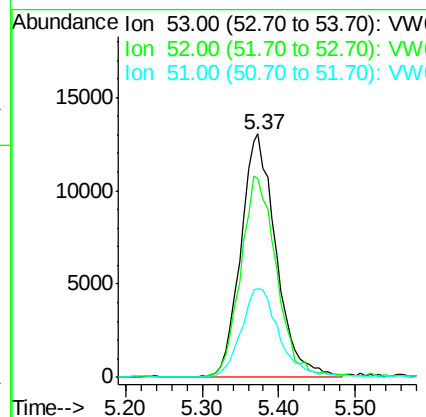
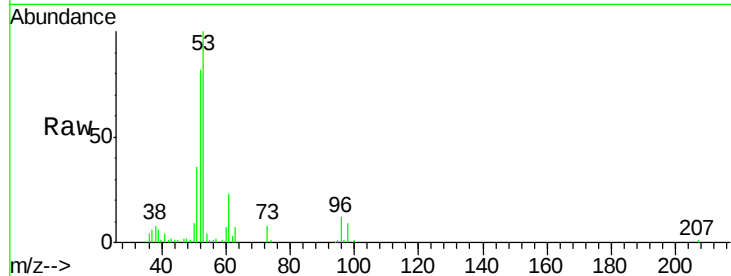
ClientSampleId :

VW0710SBSD01

Tot Ion:	53	Resp:	41770
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.2	99.2
51	39.3	30.2	45.4

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#16

Acetone

Concen: 91.57 ug/l

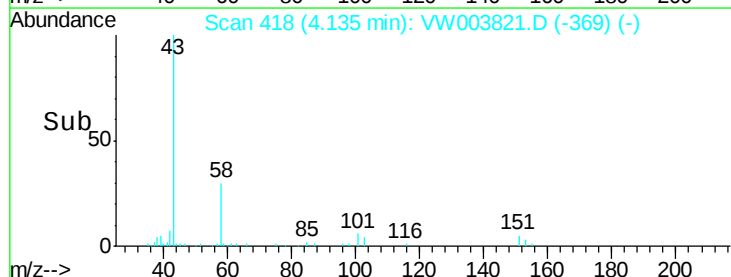
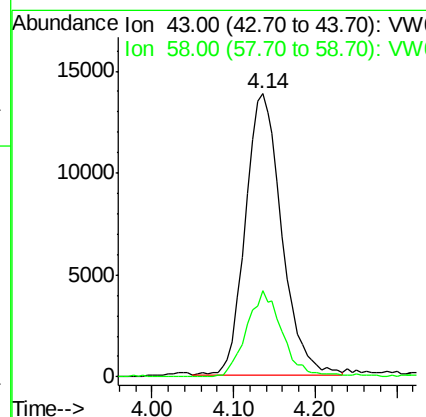
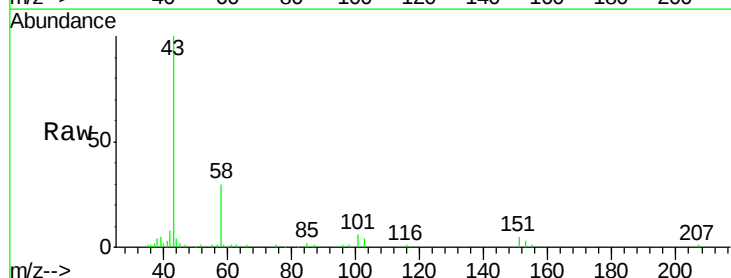
RT: 4.14 min Scan# 418

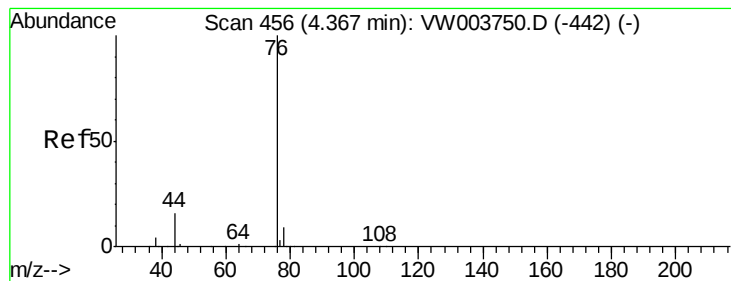
Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Tgt Ion:	43	Resp:	42718
Ion	Ratio	Lower	Upper
43	100		
58	30.6	22.6	34.0





#17

Carbon Disulfide

Concen: 18.03 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion: 76 Resp: 114175

Ion Ratio Lower Upper

76 100

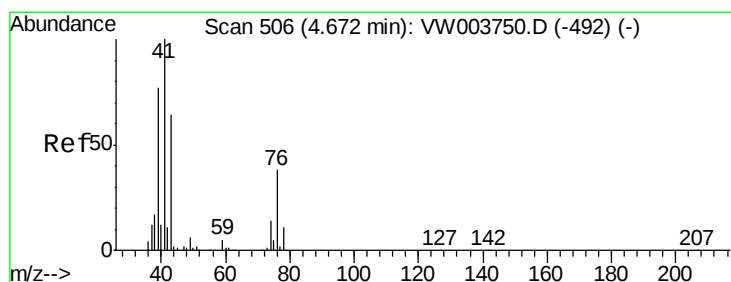
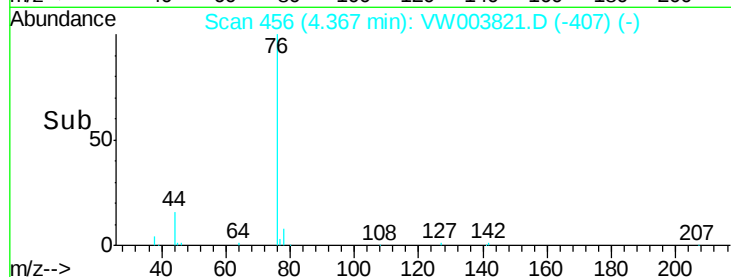
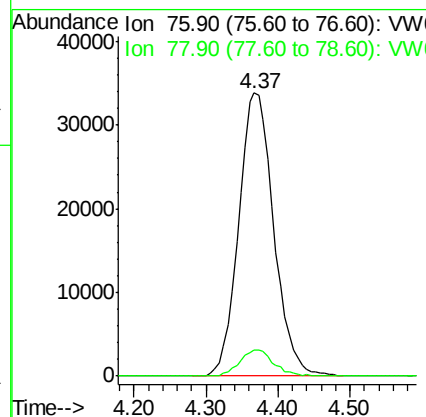
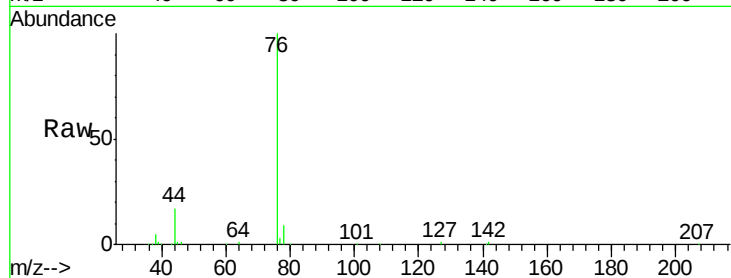
78 9.2 7.4 11.2

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#18

Methyl Acetate

Concen: 15.40 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003821.D

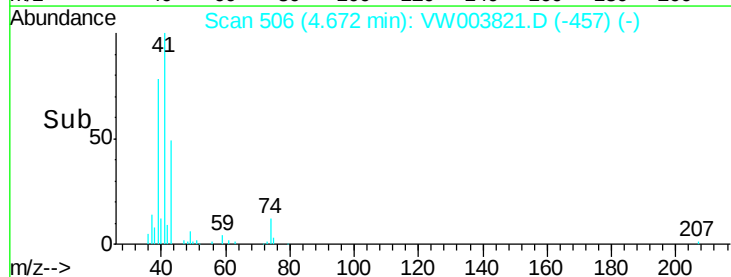
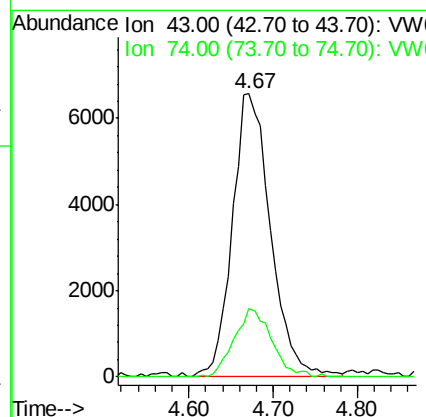
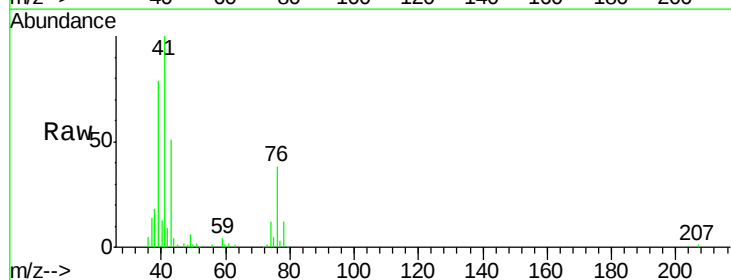
Acq: 10 Jul 2018 13:30

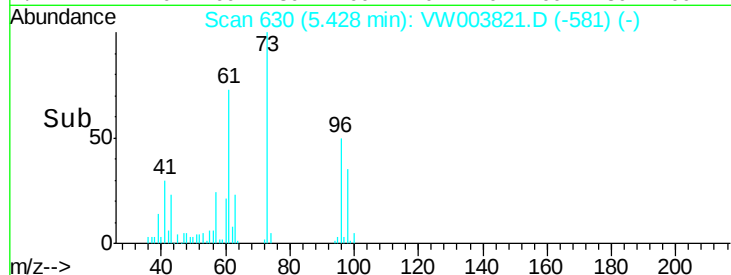
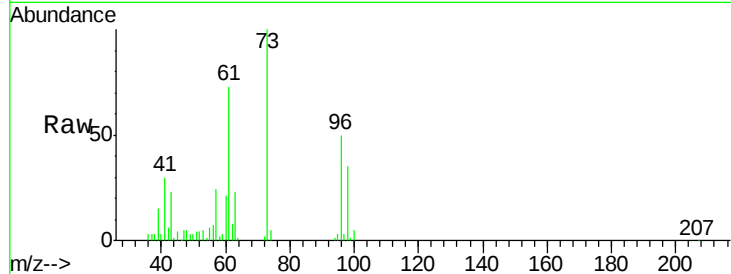
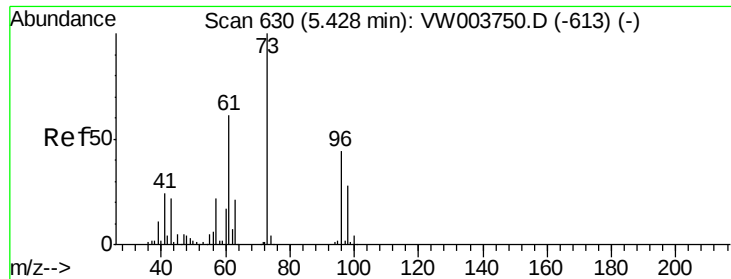
Tgt Ion: 43 Resp: 20252

Ion Ratio Lower Upper

43 100

74 23.5 17.3 25.9





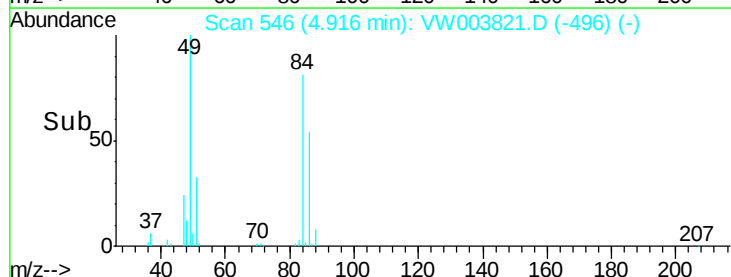
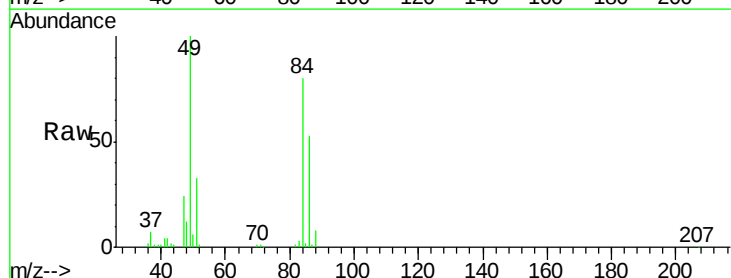
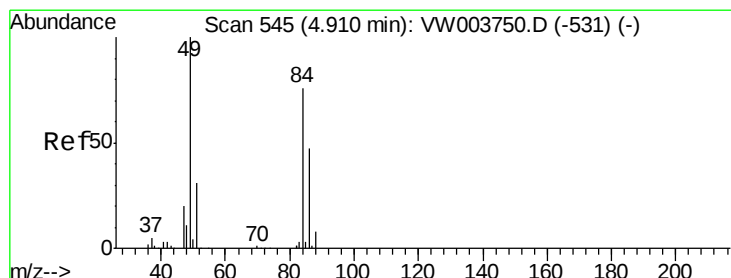
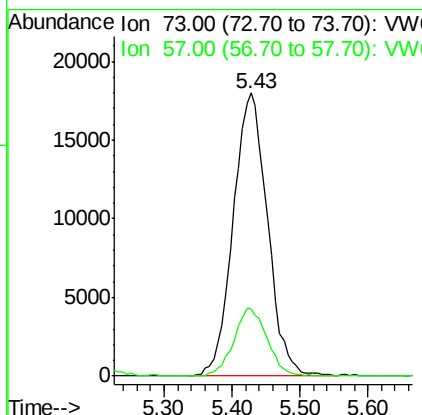
#19
Methyl tert-butyl Ether
Concen: 15.82 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tot Ion: 73 Resp: 63123
Ion Ratio Lower Upper
73 100
57 23.7 17.9 26.9

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

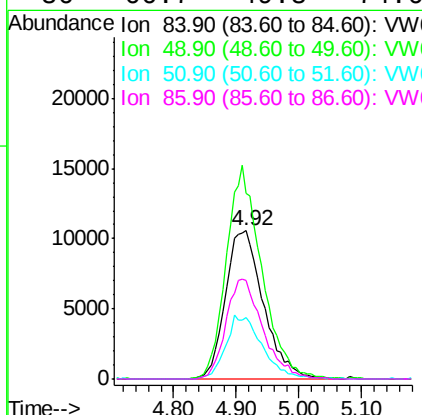
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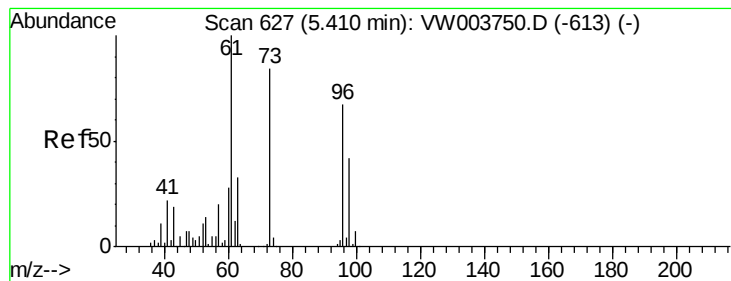
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#20
Methylene Chloride
Concen: 16.61 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion: 84 Resp: 44408
Ion Ratio Lower Upper
84 100
49 124.8 105.1 157.7
51 41.1 32.5 48.7
86 66.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 16.87 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

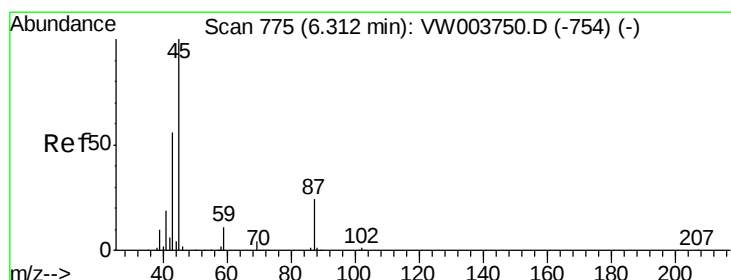
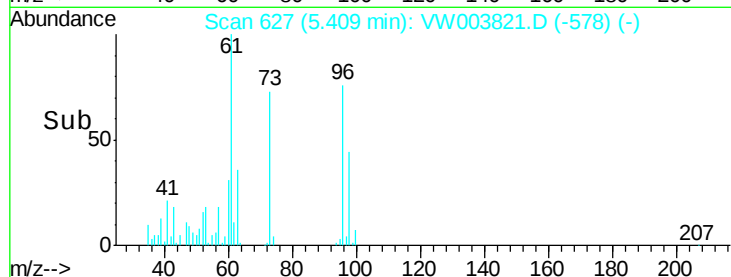
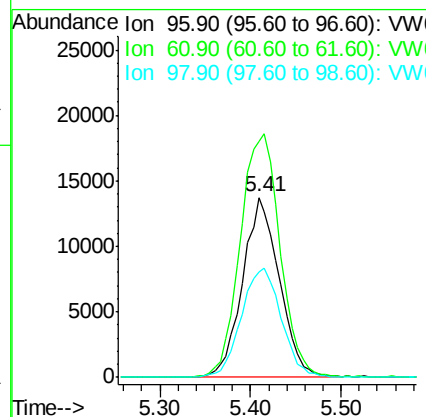
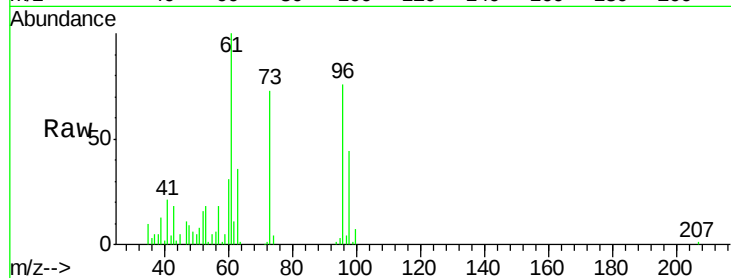
ClientSampleId :

VW0710SBSD01

Tot Ion:	96	Resp:	38581
Ion	Ratio	Lower	Upper
96	100		
61	130.6	119.0	178.6
98	58.3	49.8	74.8

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#22

Diisopropyl ether

Concen: 16.03 ug/l

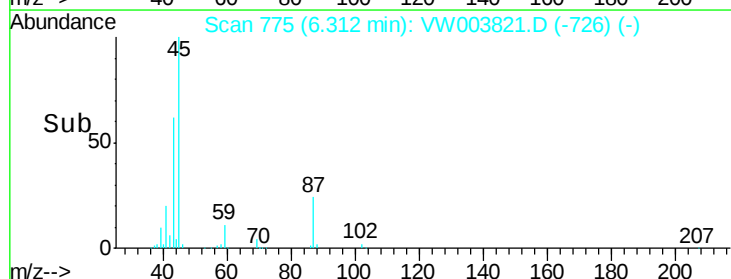
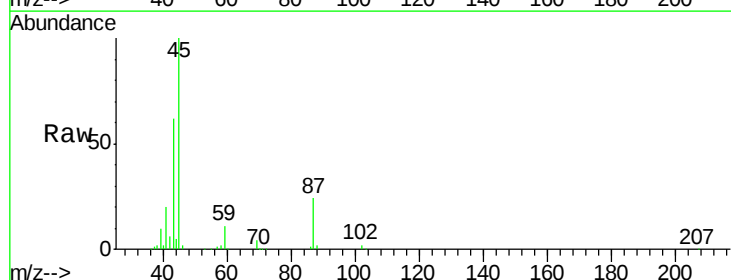
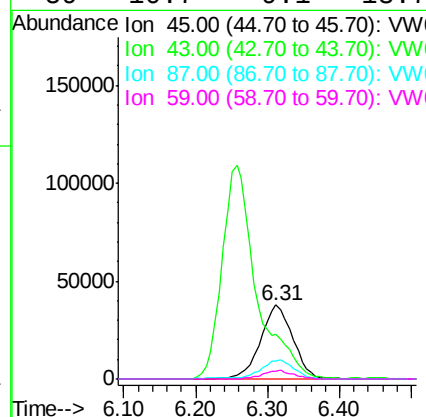
RT: 6.31 min Scan# 775

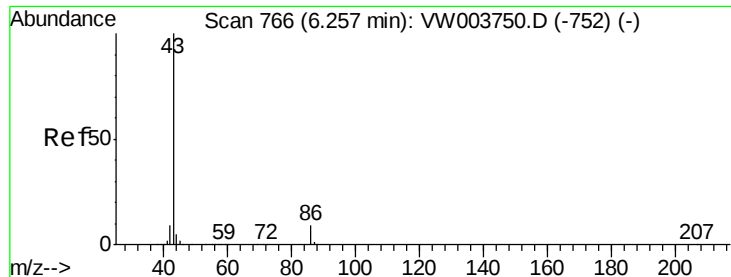
Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Tgt Ion:	45	Resp:	118332
Ion	Ratio	Lower	Upper
45	100		
43	60.8	44.5	66.7
87	24.2	19.6	29.4
59	10.7	9.1	13.7





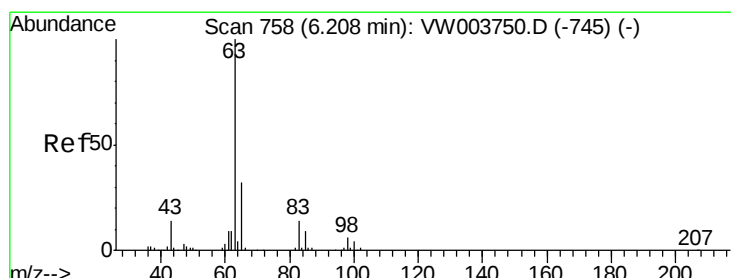
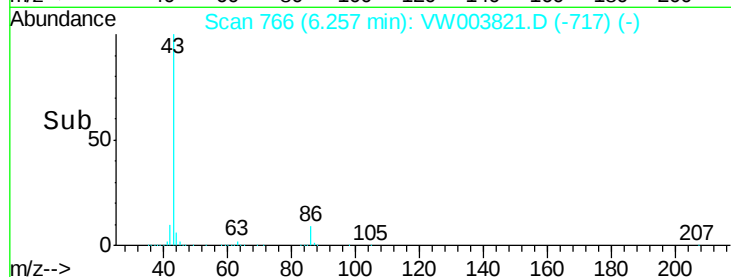
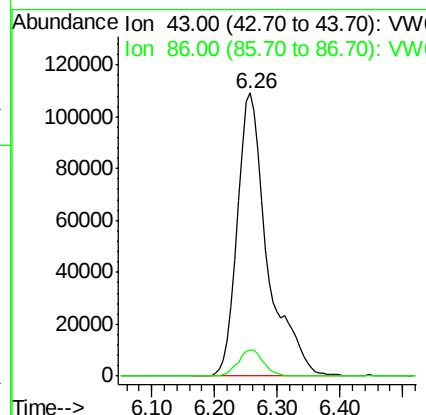
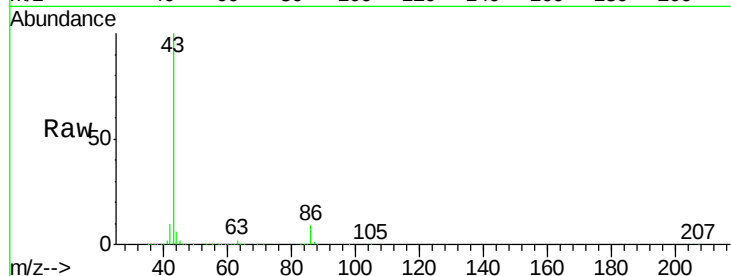
#23
 Vinyl Acetate
 Concen: 80.58 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS01

Tot Ion	43	Resp	363160
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.3	10.9

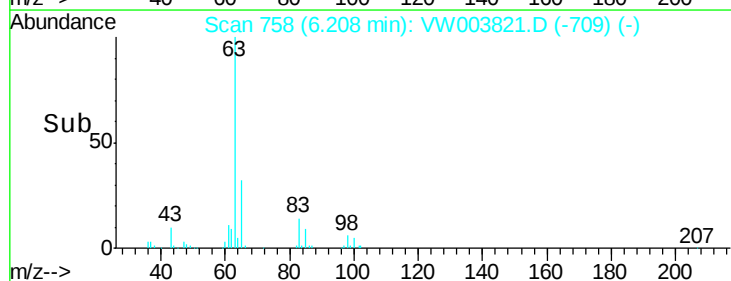
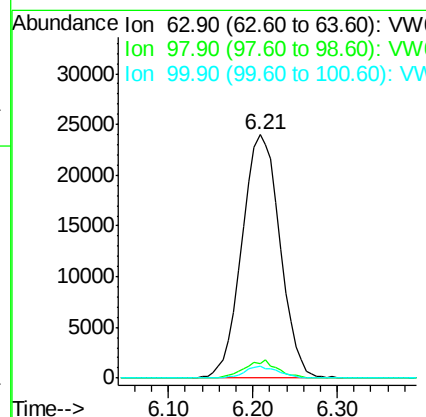
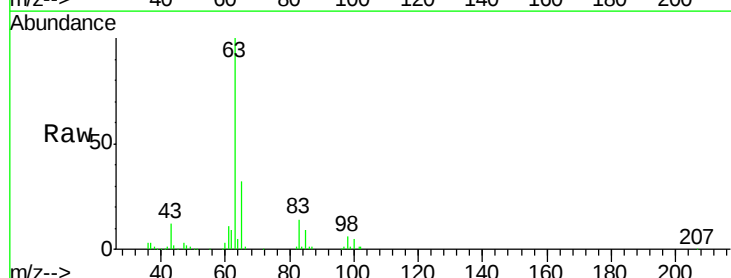
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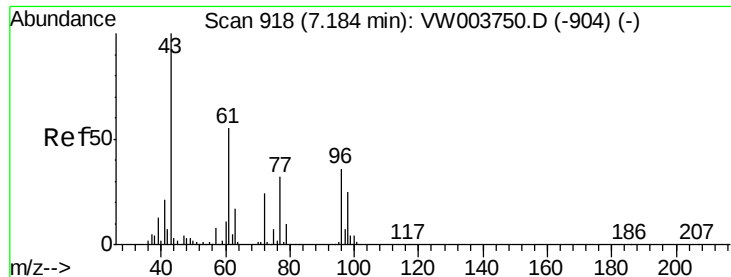
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#24
 1,1-Dichloroethane
 Concen: 16.45 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion	63	Resp	73434
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.2	9.6
100	4.7	2.1	6.2





#25

2-Butanone

Concen: 81.68 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion: 43 Resp: 59681

Ion Ratio Lower Upper

43 100

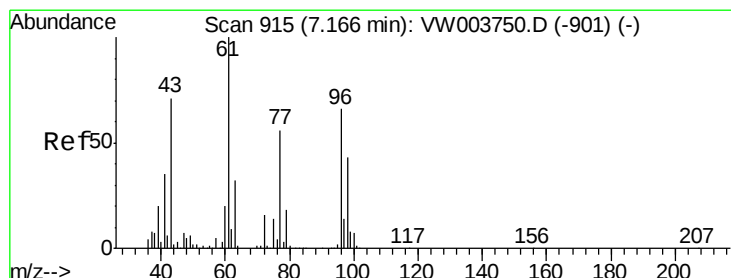
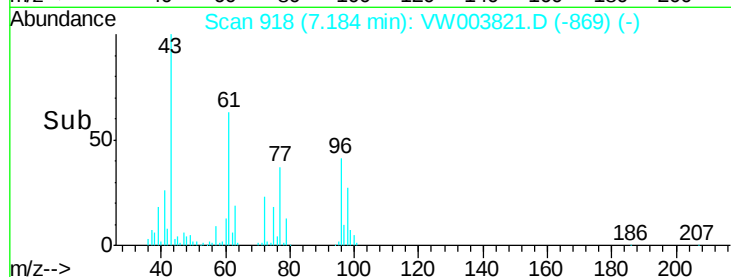
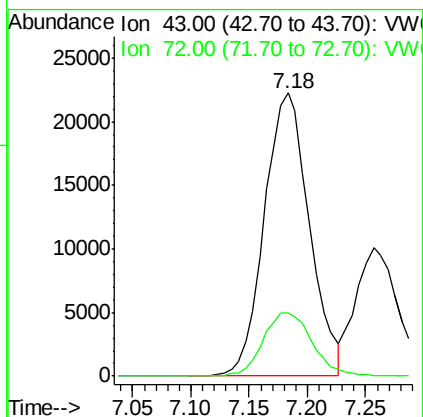
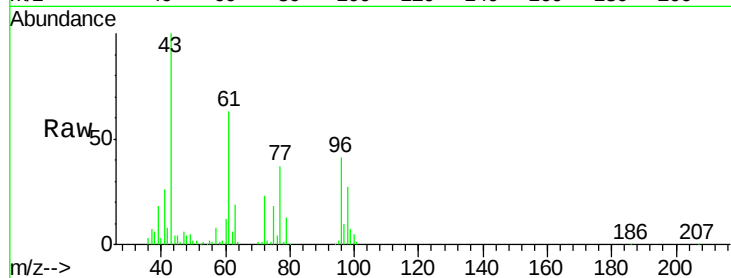
72 22.5 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.23 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003821.D

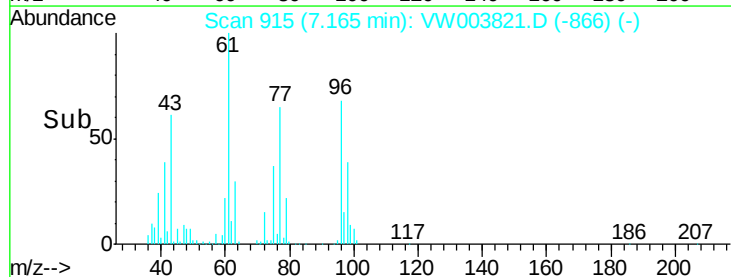
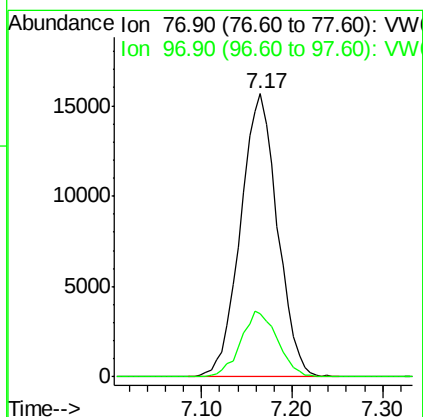
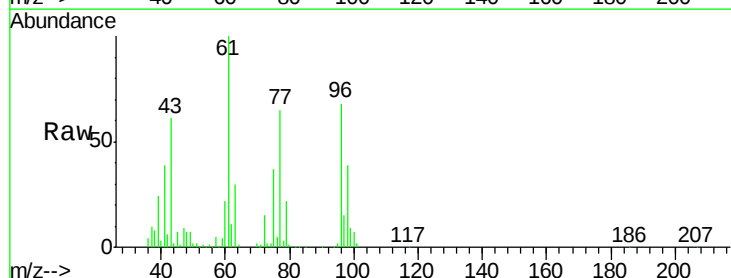
Acq: 10 Jul 2018 13:30

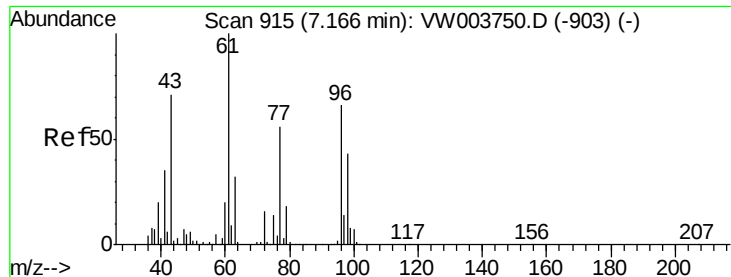
Tgt Ion: 77 Resp: 44146

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5





#27

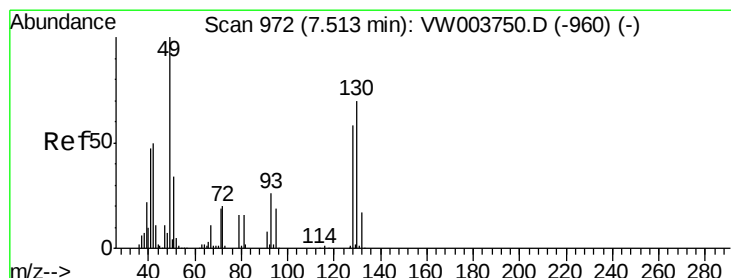
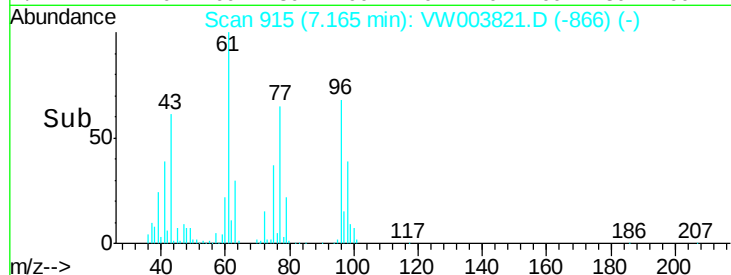
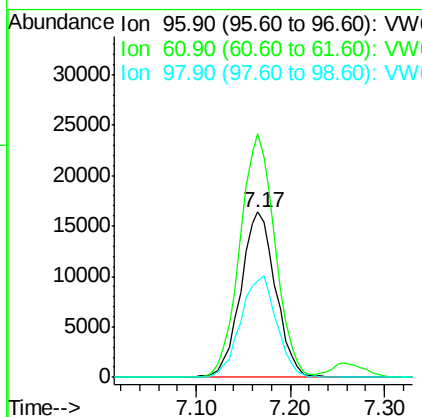
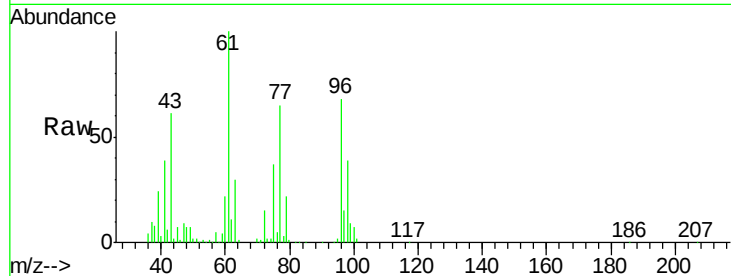
cis-1,2-Dichloroethene
 Concen: 16.75 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	300.8
98	63.3	0.0	128.6

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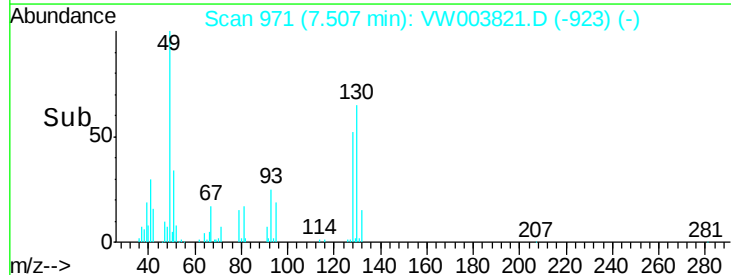
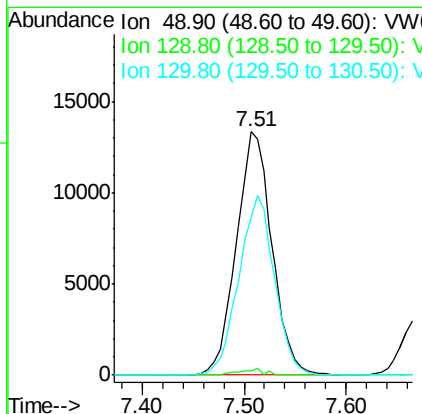
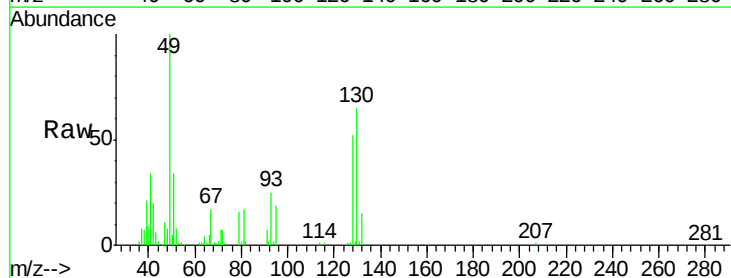
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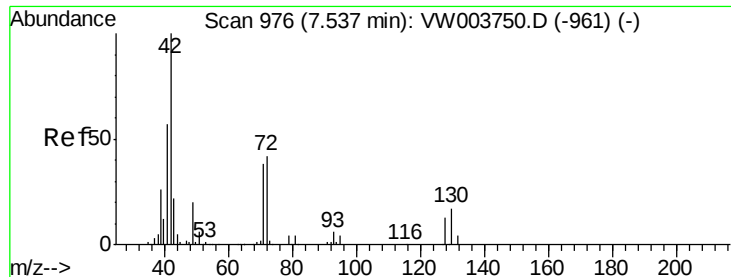


#28

Bromochloromethane
 Concen: 16.20 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	74.0	56.9	85.3





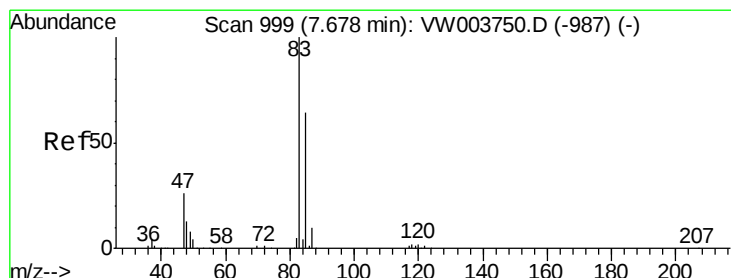
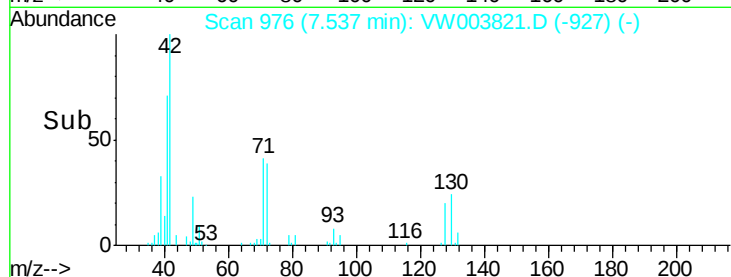
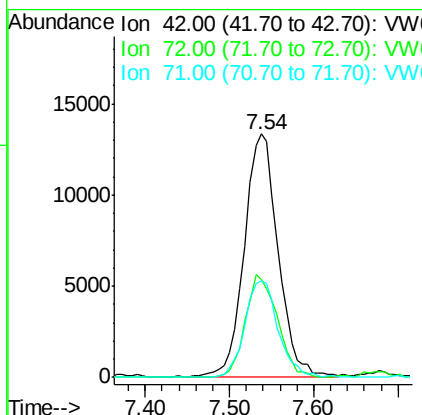
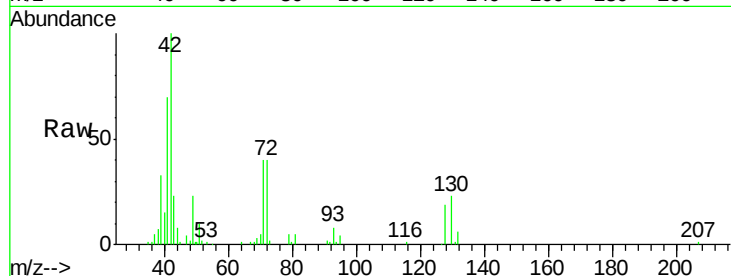
#29
Tetrahydrofuran
Concen: 77.45 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.8	47.8
71	38.7	30.3	45.5

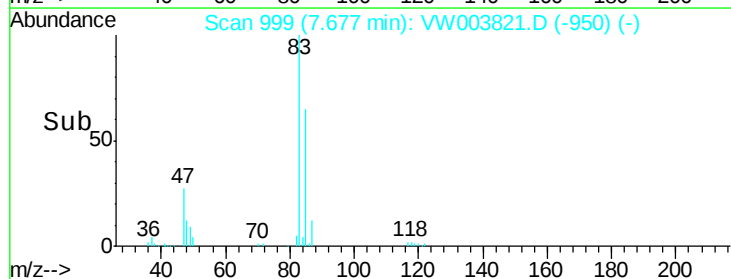
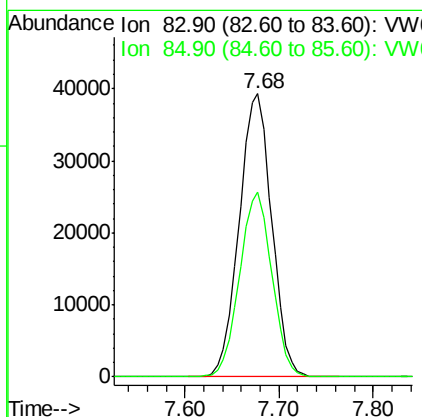
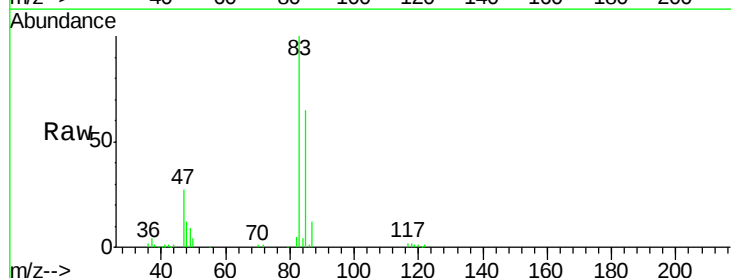
Manual Integrations
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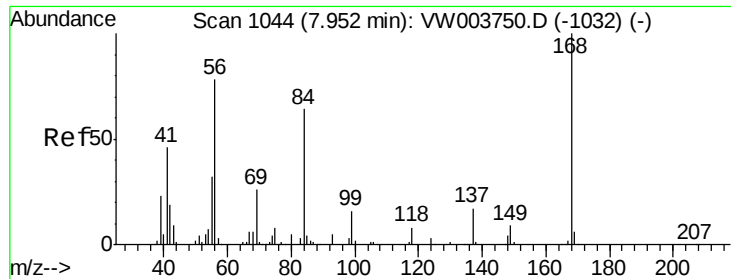
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#30
Chloroform
Concen: 20.70 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.5	77.3





#31

Cyclohexane

Concen: 21.92 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

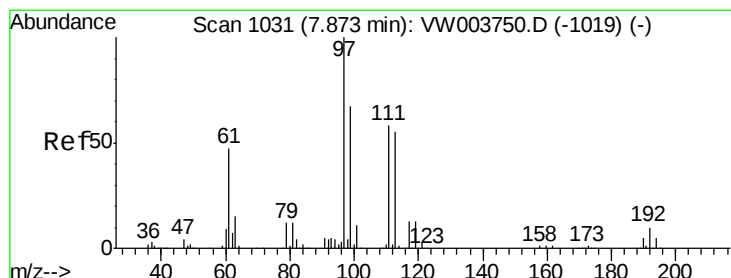
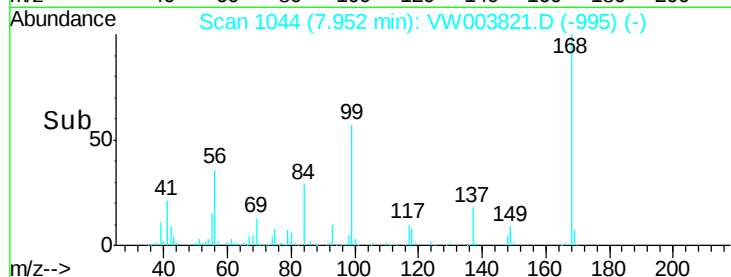
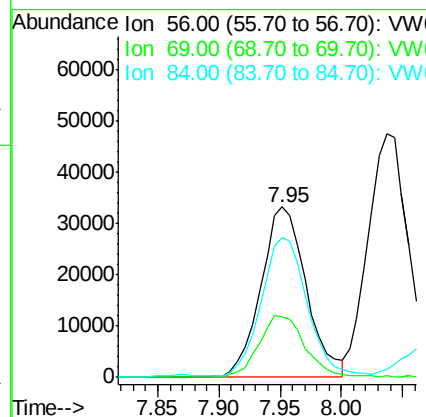
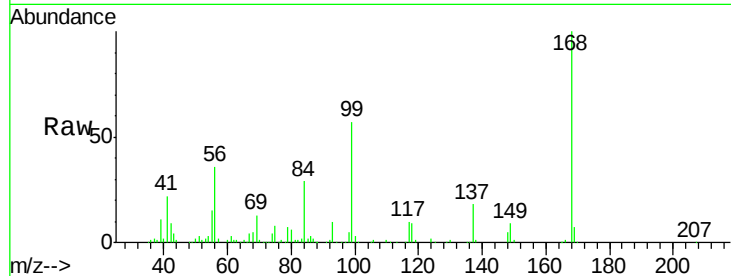
ClientSampleId :

VW0710SBS01

Tot Ion:	56	Resp:	86018
Ion Ratio	Lower	Upper	
56	100		
69	35.5	26.2	39.4
84	80.9	65.5	98.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.38 ug/l

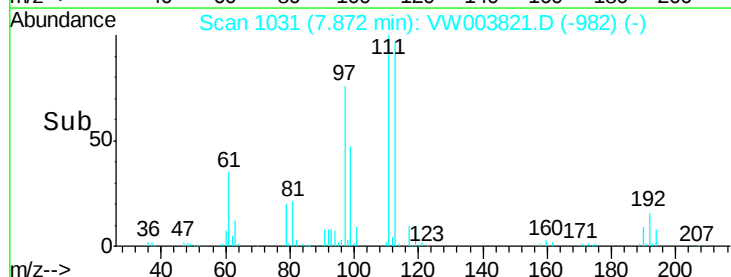
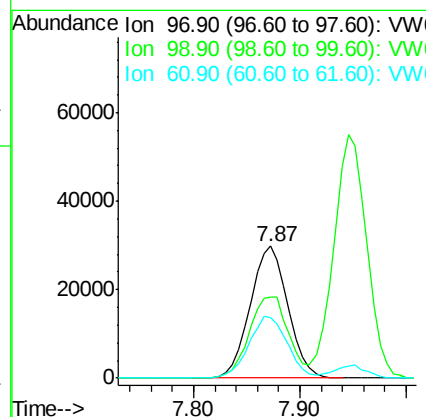
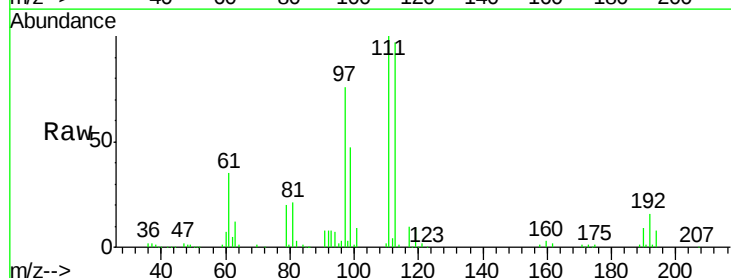
RT: 7.87 min Scan# 1031

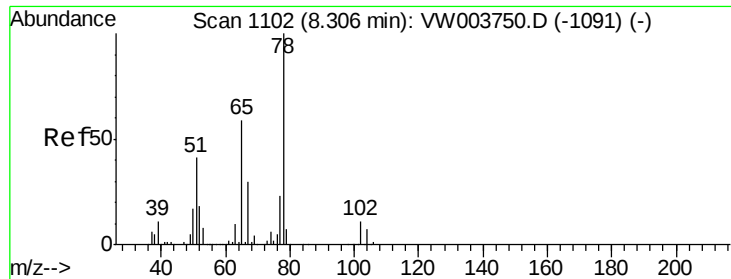
Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Tgt Ion:	97	Resp:	74126
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.2	76.8
61	47.8	37.6	56.4





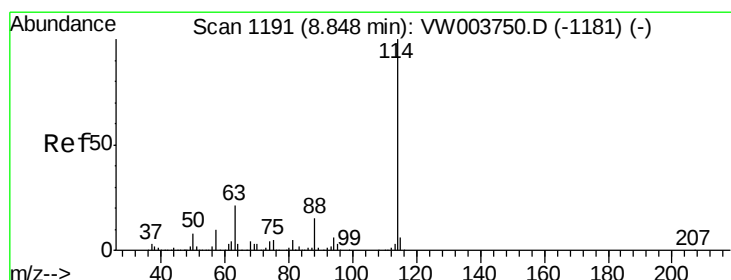
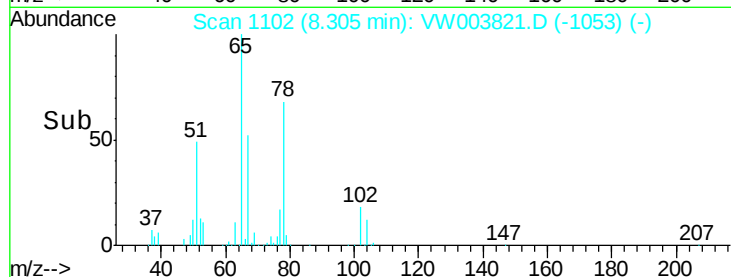
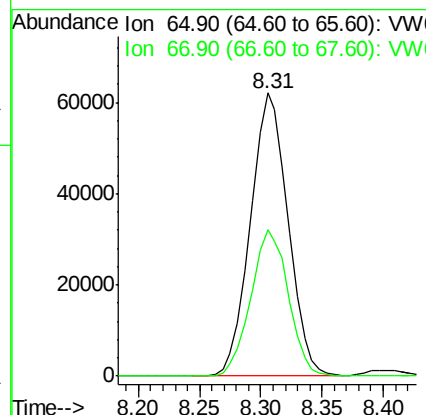
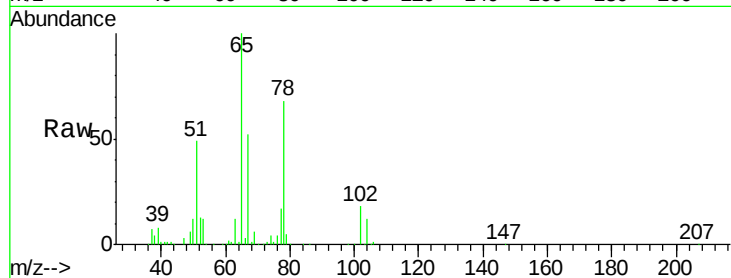
#33
 1,2-Dichloroethane-d4
 Concen: 49.42 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132869		
67	51.7	0.0	103.8	

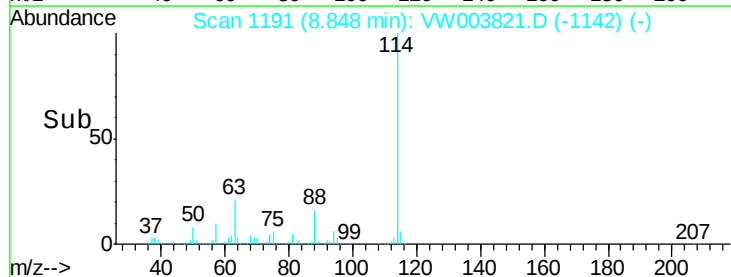
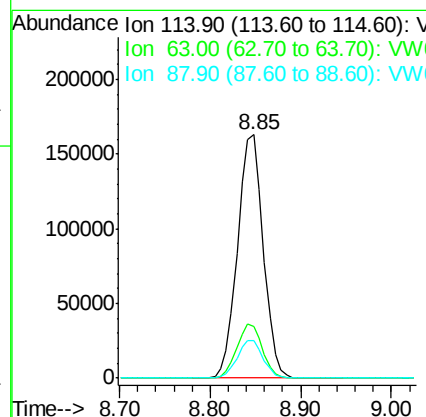
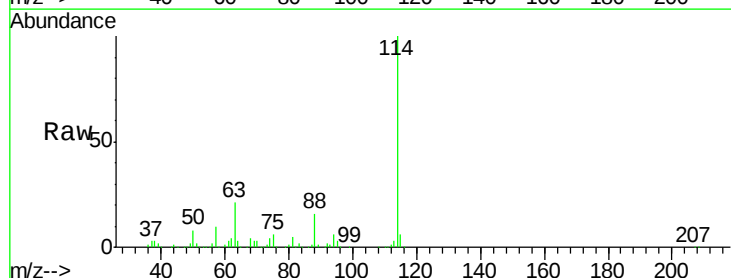
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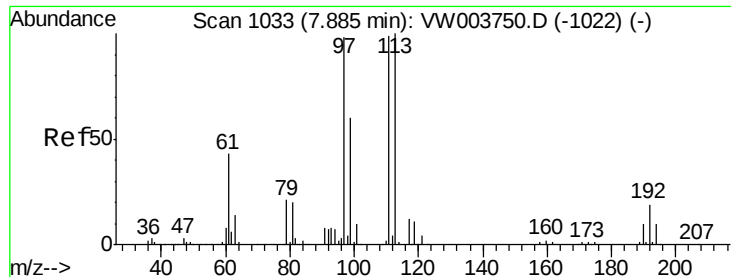
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	320256		
63	21.1	0.0	41.8	
88	15.5	0.0	30.2	





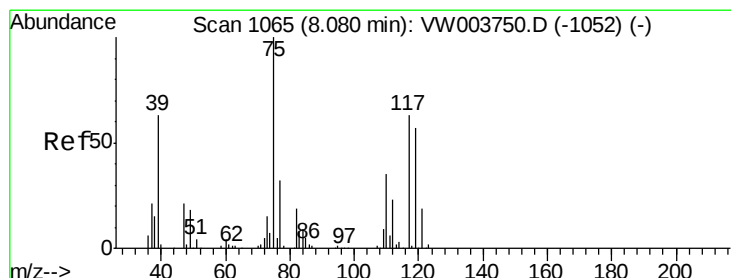
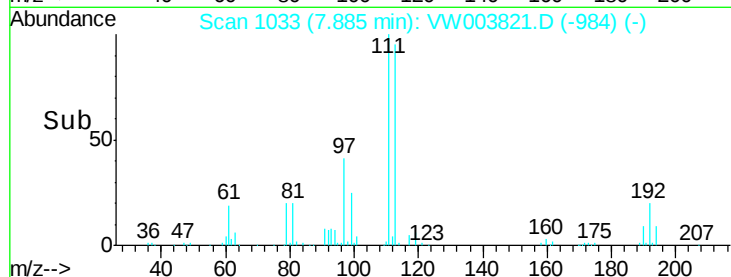
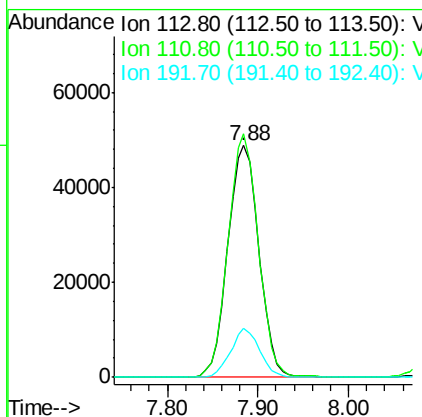
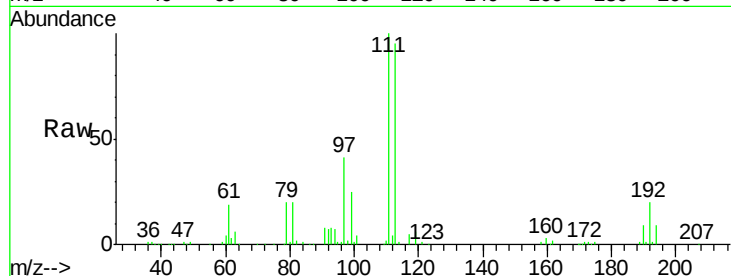
#35
Dibromofluoromethane
Concen: 51.92 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	81.7	122.5	
192	19.5	15.8	23.8	

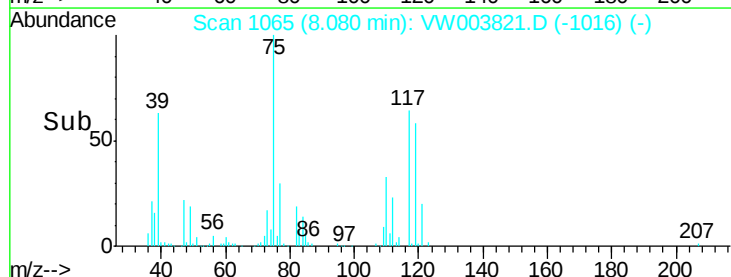
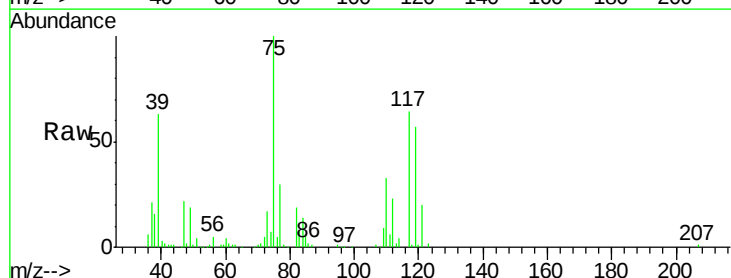
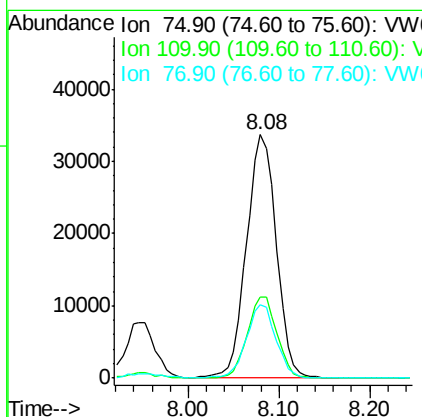
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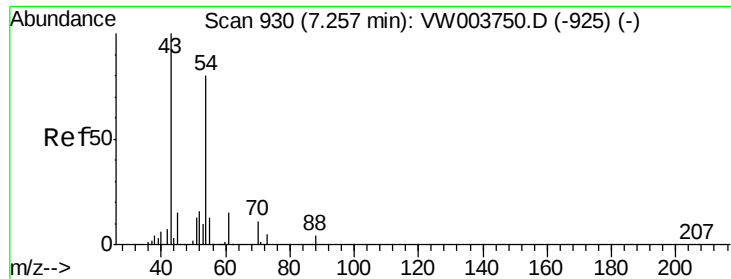
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#36
1,1-Dichloropropene
Concen: 22.68 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.9	16.9	50.6	
77	30.0	24.8	37.2	





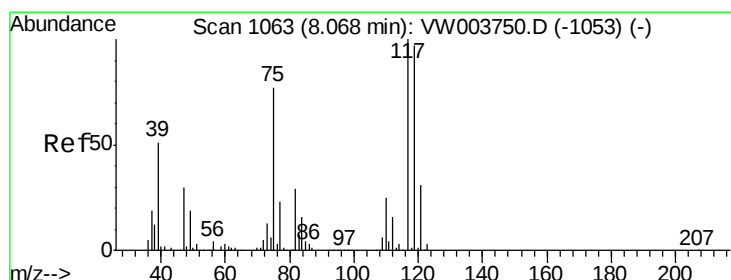
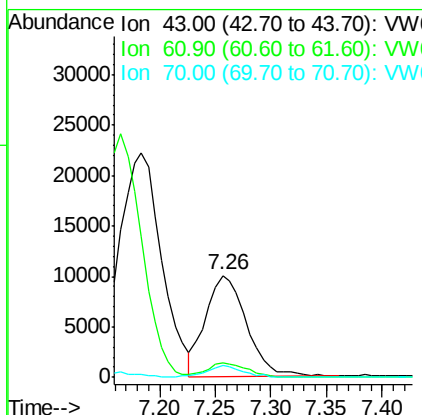
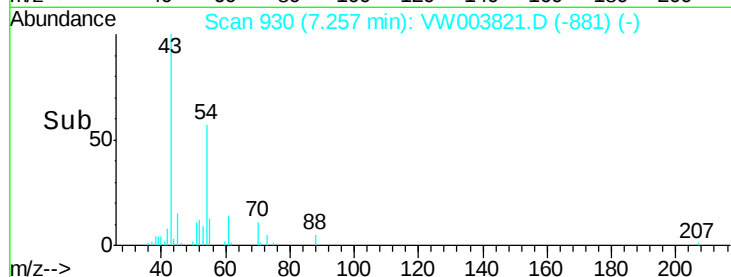
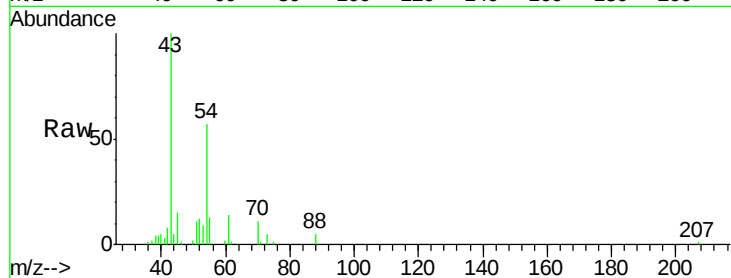
#37
Ethyl Acetate
Concen: 15.58 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	15.8
70	10.1	7.5	11.3

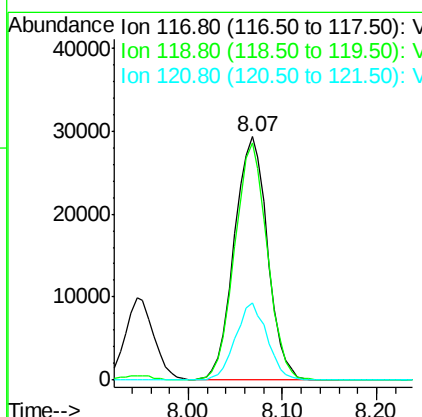
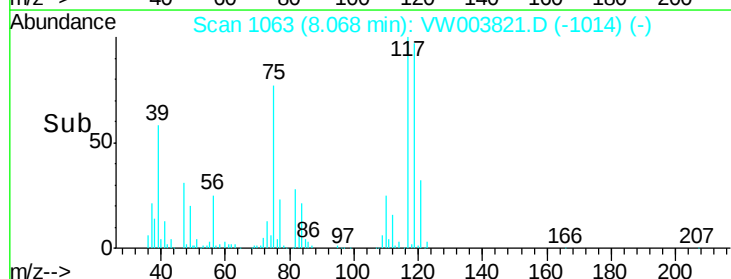
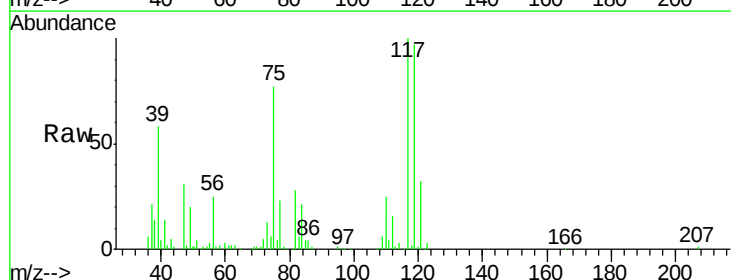
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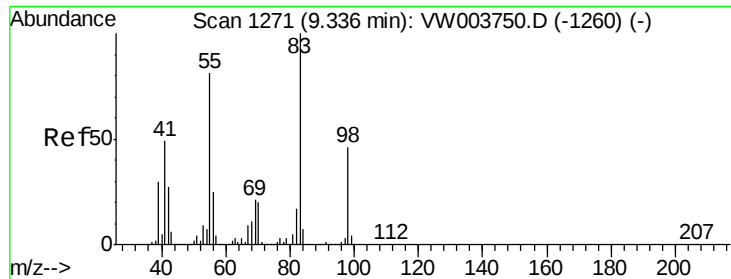
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#38
Carbon Tetrachloride
Concen: 22.39 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.2
121	31.5	24.6	37.0





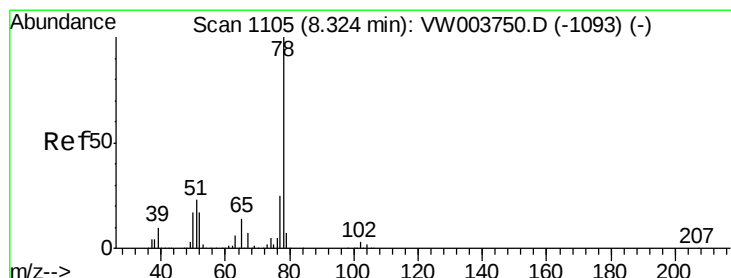
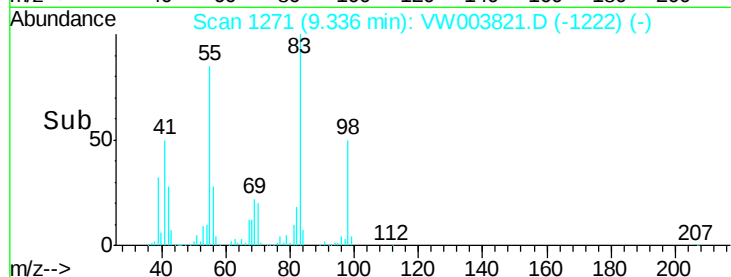
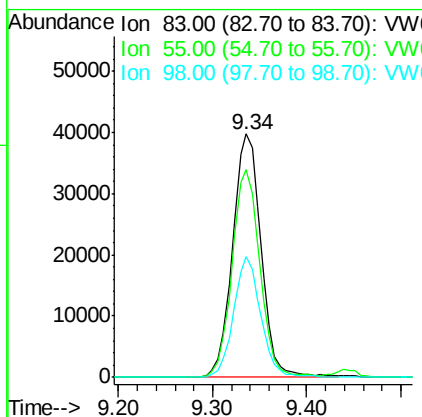
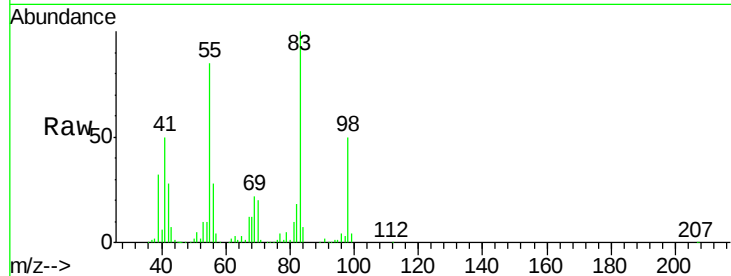
#39
Methvlcvclohexane
Concen: 22.44 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.2	65.1	97.7
98	49.5	36.7	55.1

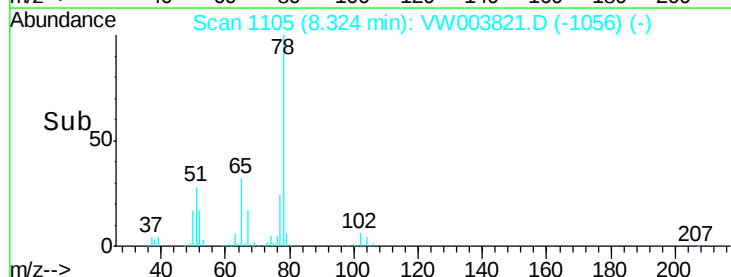
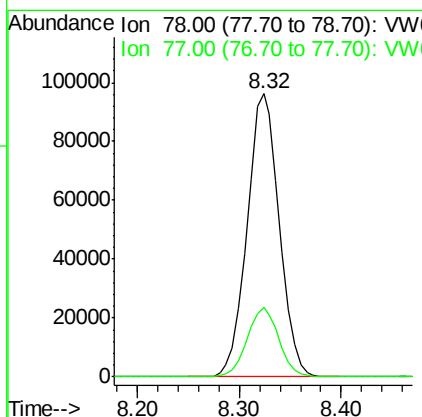
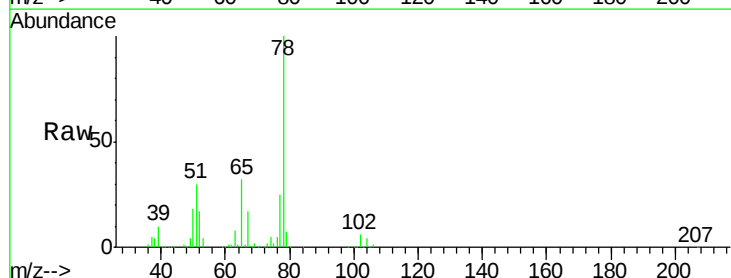
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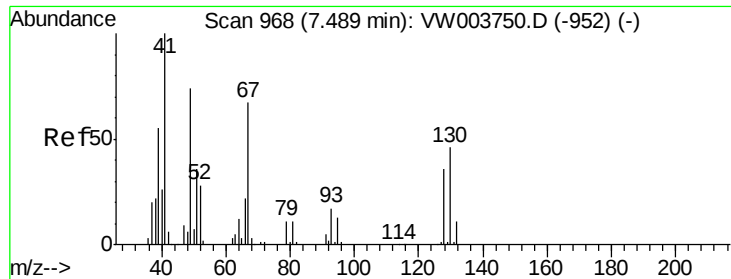
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#40
Benzene
Concen: 21.64 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.7	29.5





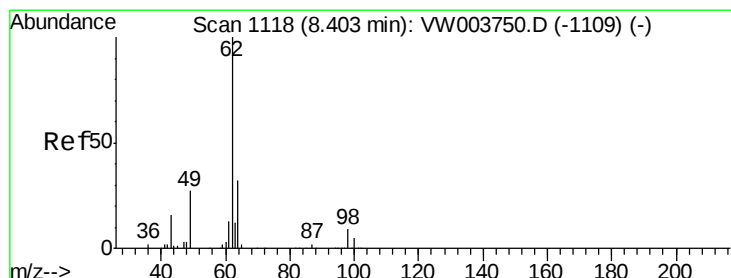
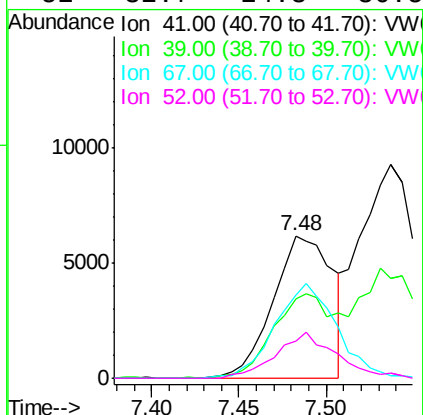
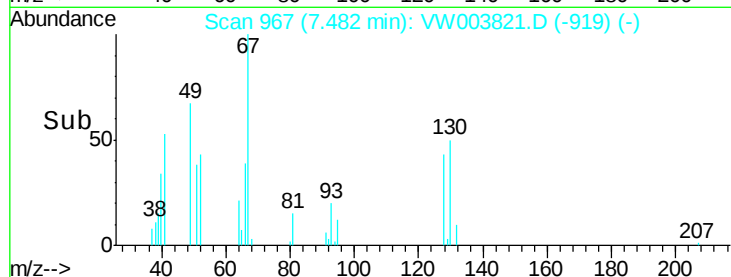
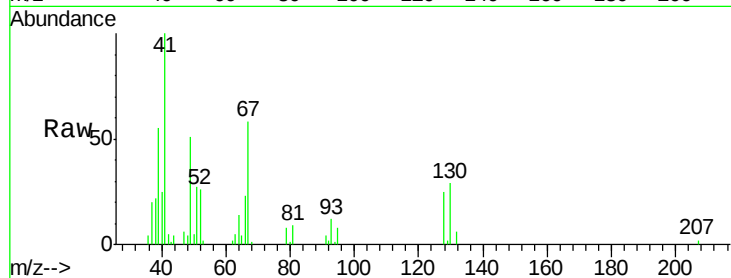
#41
Methacrylonitrile
Concen: 15.44 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tot Ion:	41	Resp:	14682
Ion	Ratio	Lower	Upper
41	100		
39	66.3	49.5	74.3
67	69.6	53.8	80.8
52	32.7	24.3	36.5

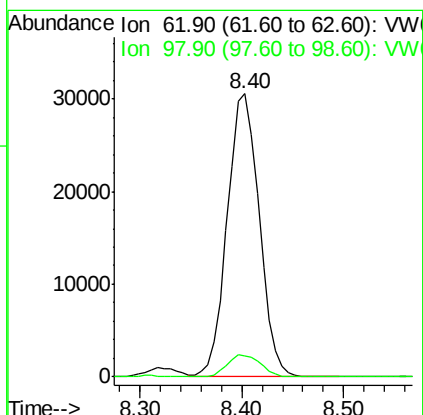
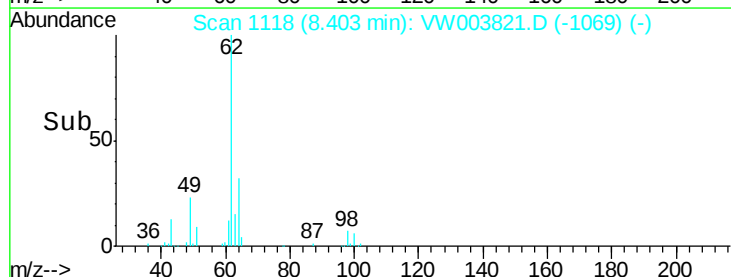
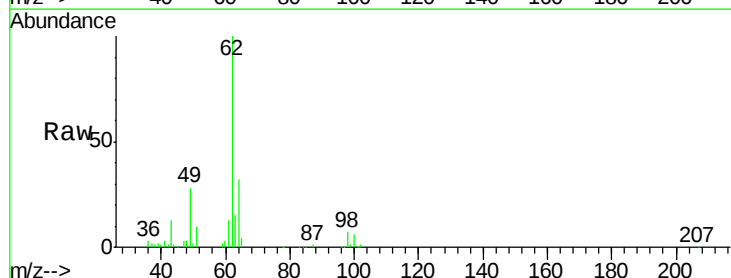
Manual Integrations
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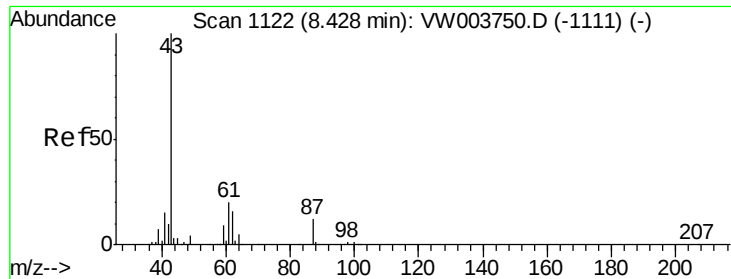
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#42
1,2-Dichloroethane
Concen: 21.15 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion:	62	Resp:	66509
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.4





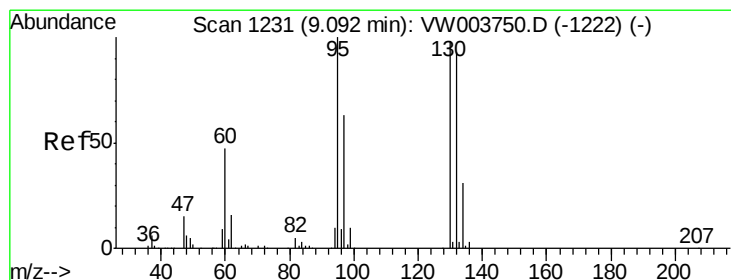
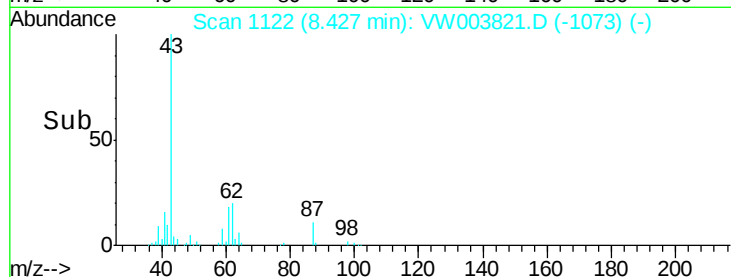
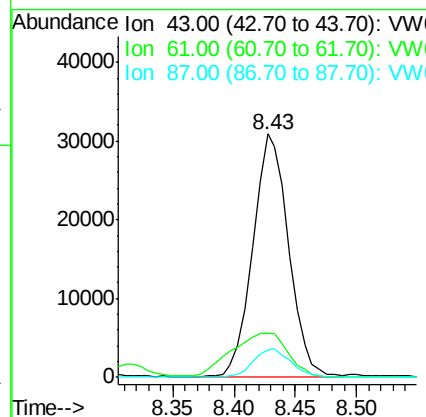
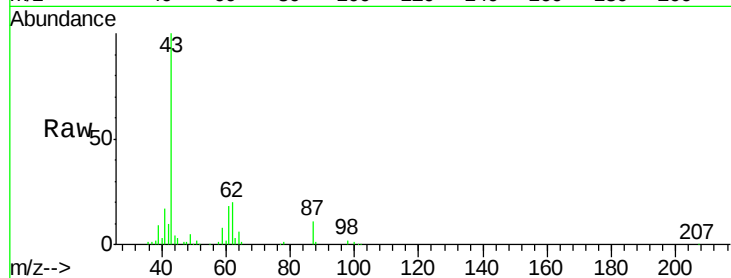
#43
Isopropyl Acetate
Concen: 19.96 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.8	34.2
87	12.1	9.5	14.3

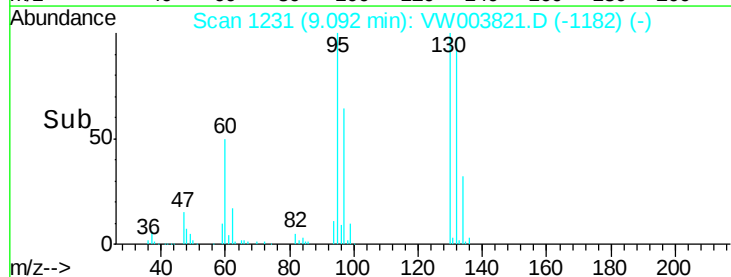
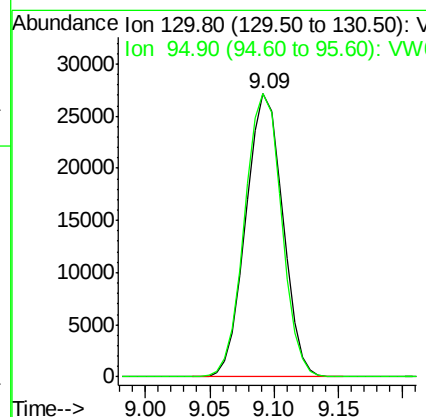
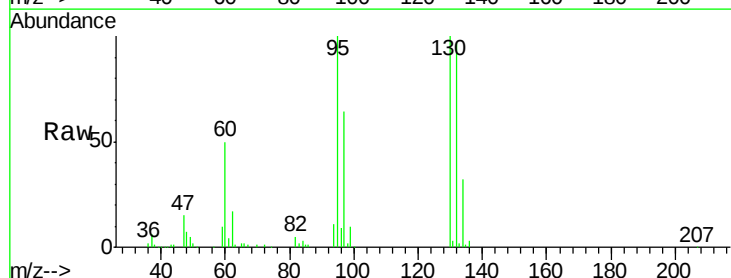
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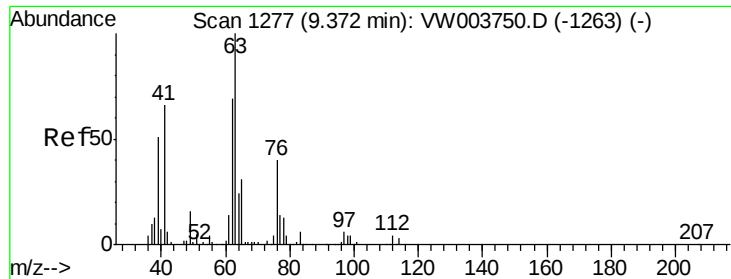
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#44
Trichloroethene
Concen: 21.99 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	203.8





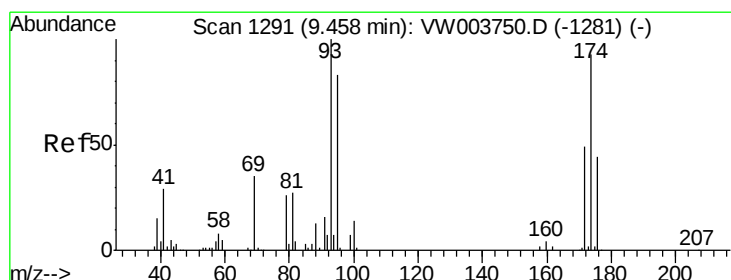
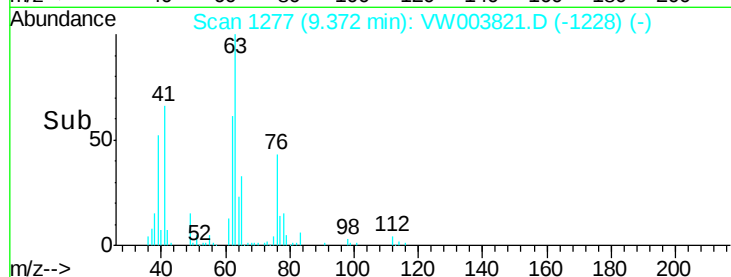
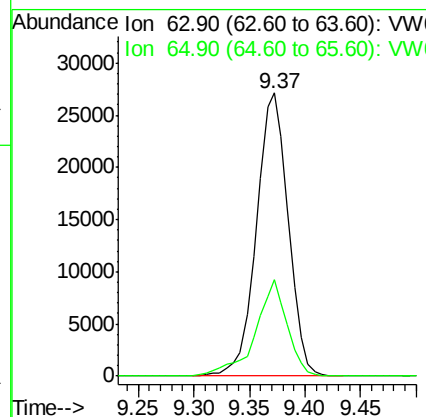
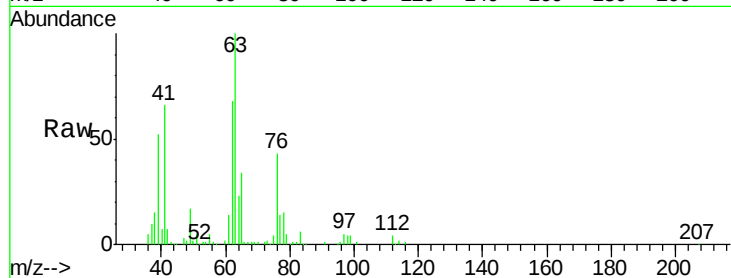
#45
 1,2-Dichloropropane
 Concen: 21.35 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.0	24.9	37.3

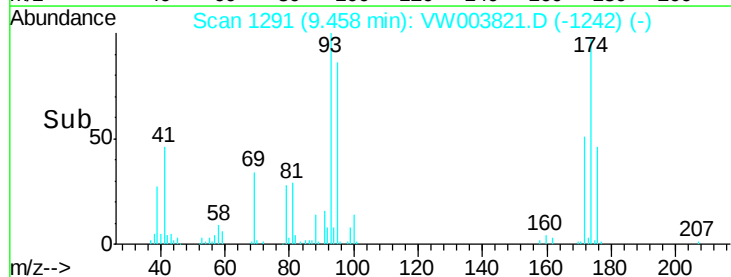
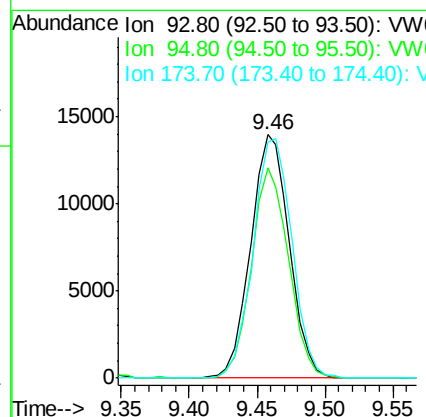
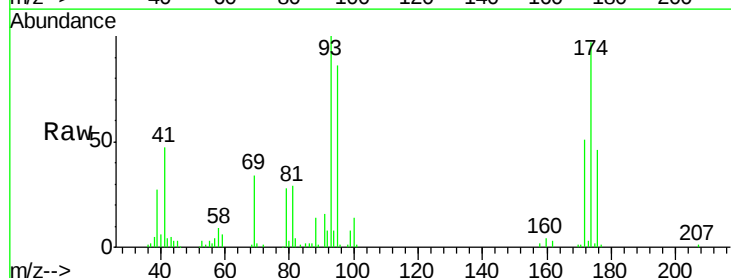
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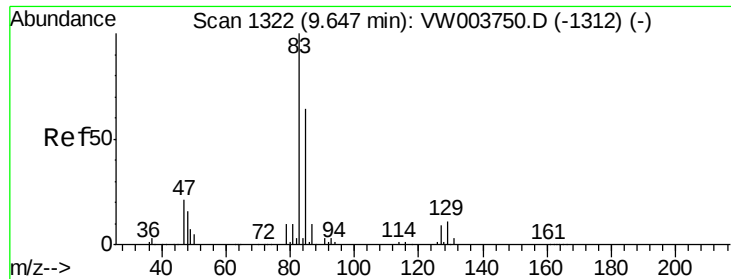
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#46
 Dibromomethane
 Concen: 20.87 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.2	100.8
174	99.6	78.1	117.1





#47

Bromodichloromethane

Concen: 21.05 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

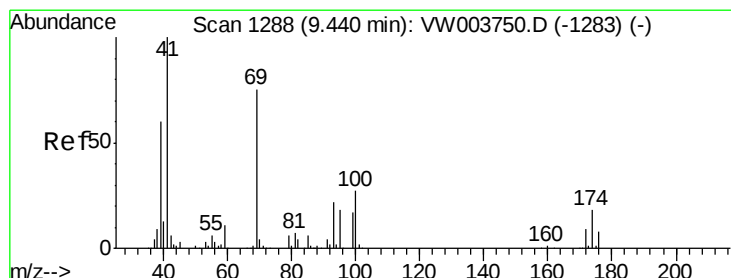
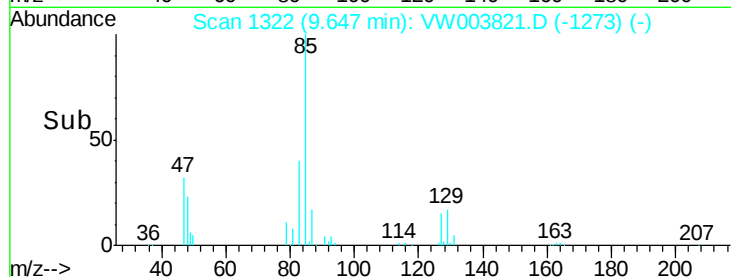
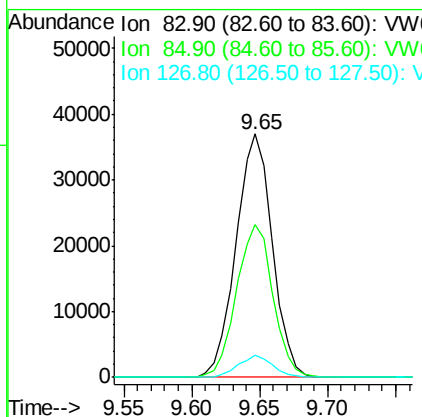
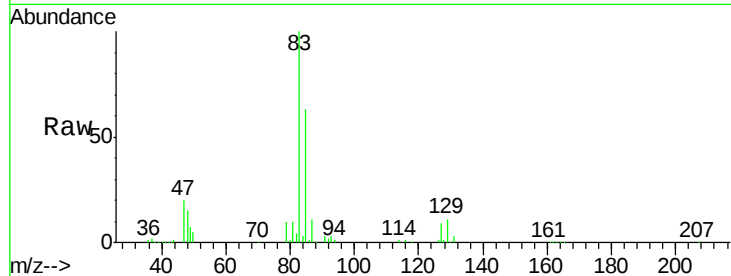
ClientSampleId :

VW0710SBSD01

Tot Ion:	83	Resp:	68779
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.4	77.0
127	9.4	6.8	10.2

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#48

Methyl methacrylate

Concen: 20.53 ug/l

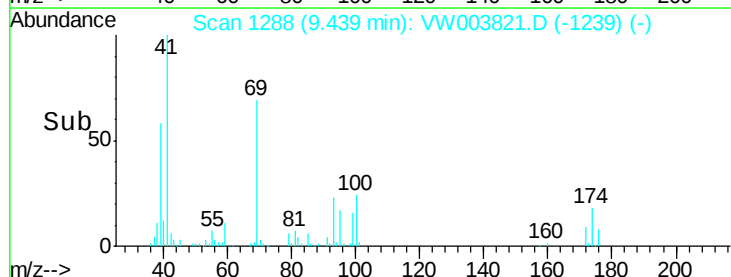
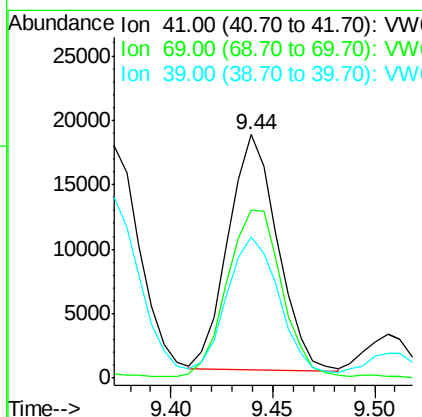
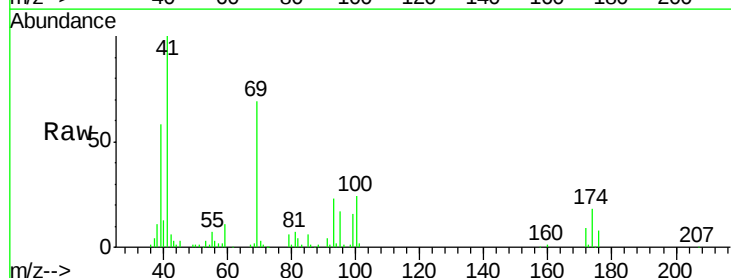
RT: 9.44 min Scan# 1288

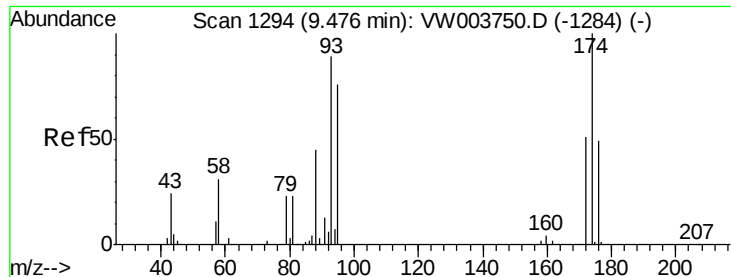
Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Tgt Ion:	41	Resp:	30645
Ion	Ratio	Lower	Upper
41	100		
69	81.1	63.8	95.8
39	65.1	50.2	75.2





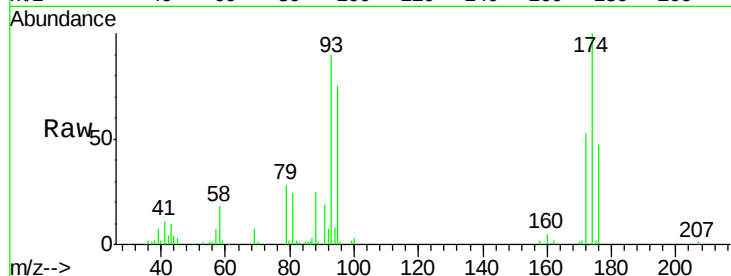
#49
1,4-Dioxane
Concen: 398.53 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampled :
VW0710SBSD01

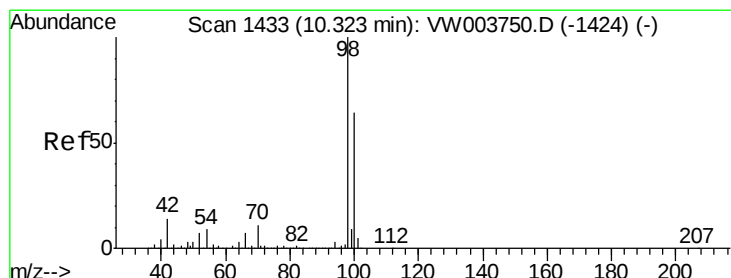
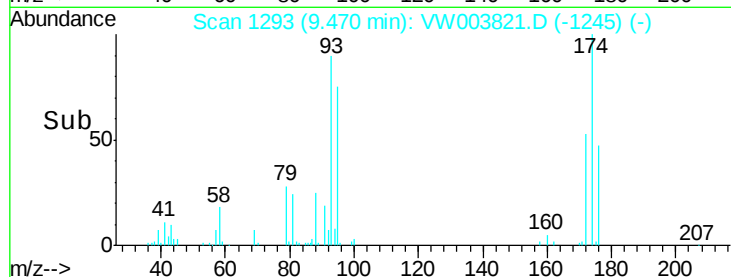
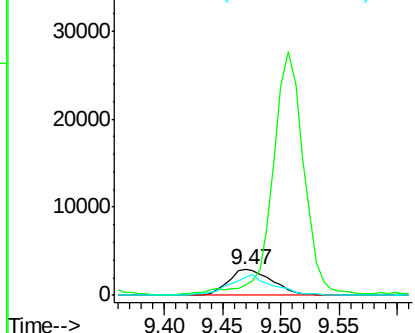
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.3	59.7	89.5

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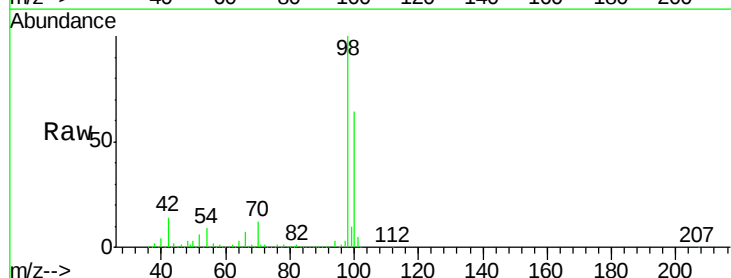


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

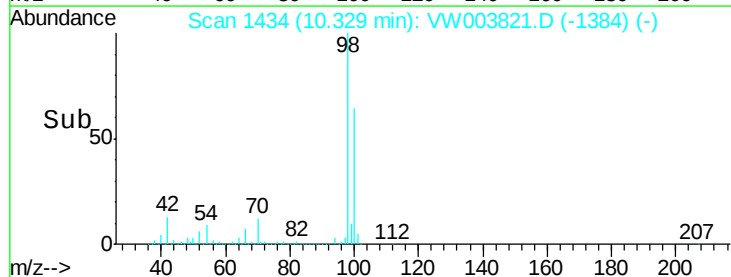
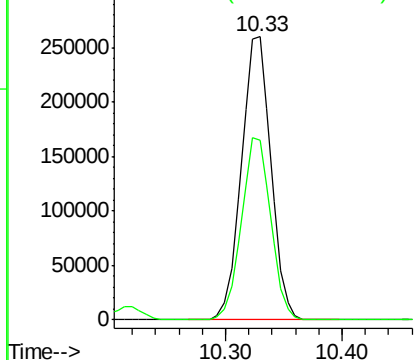


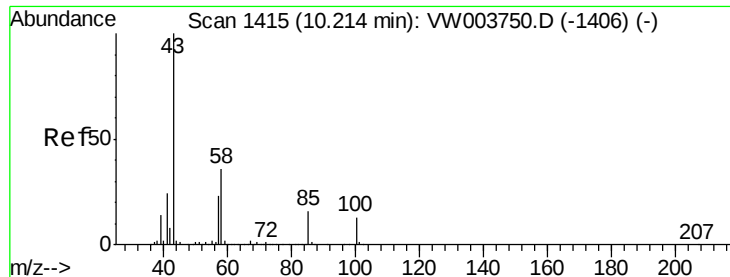
#50
Toluene-d8
Concen: 53.78 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2



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





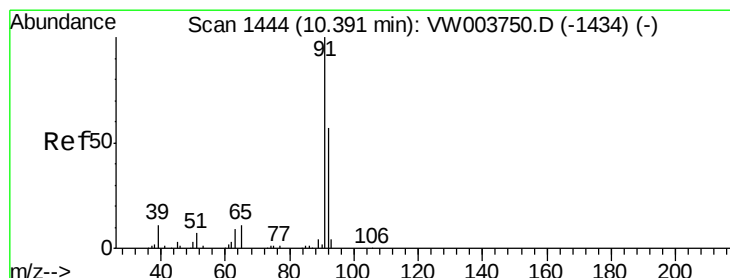
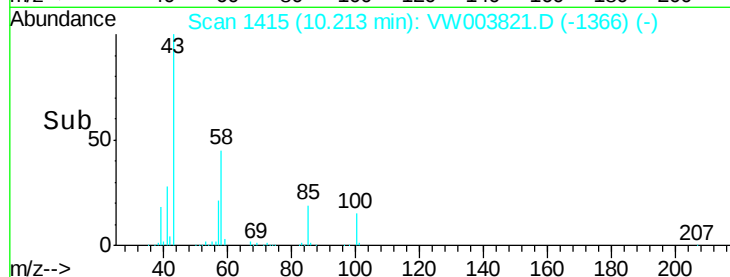
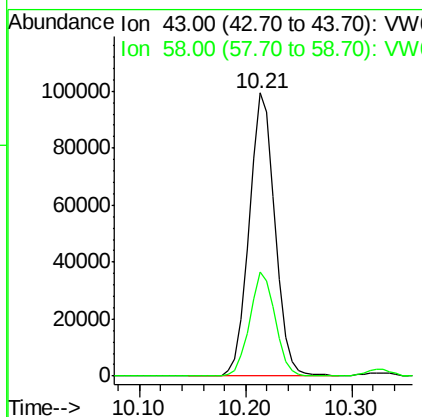
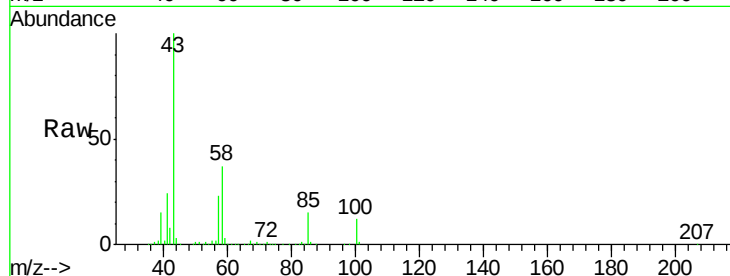
#51
4-Methyl-2-Pentanone
Concen: 104.36 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampled :
VW0710SBS01

Tot Ion	43	Resp	169224
Ion Ratio	43	100	
Lower	58	36.2	29.3
Upper			43.9

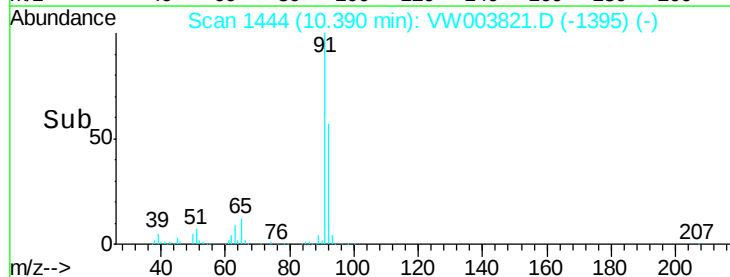
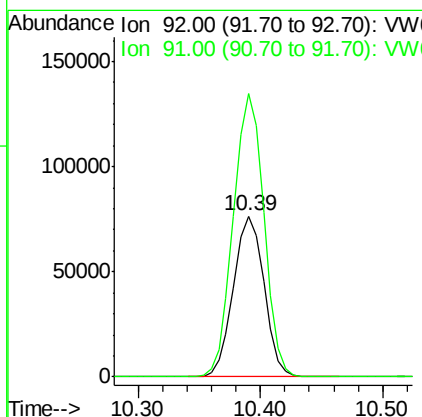
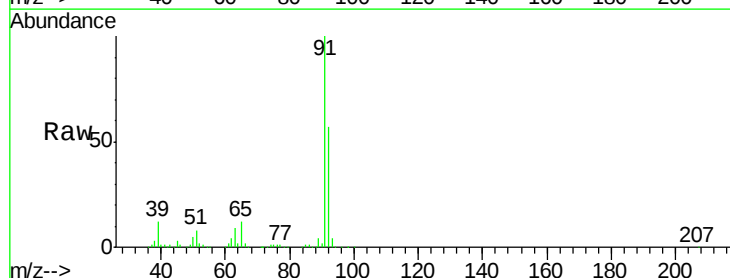
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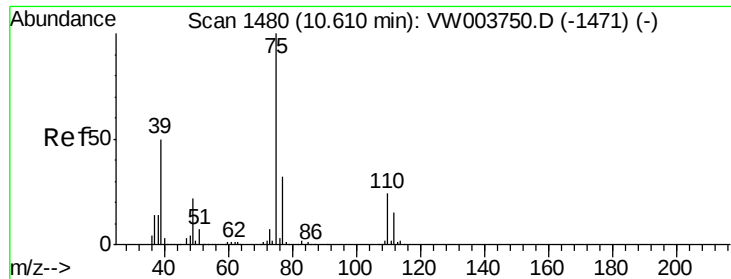
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#52
Toluene
Concen: 22.09 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	92	Resp	133039
Ion Ratio	92	100	
Lower	91	175.2	140.6
Upper			211.0





#53

t-1,3-Dichloropropene

Concen: 21.21 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion: 75 Resp: 69182

Ion Ratio Lower Upper

75 100

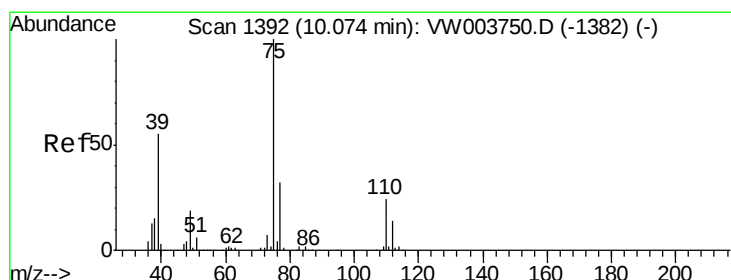
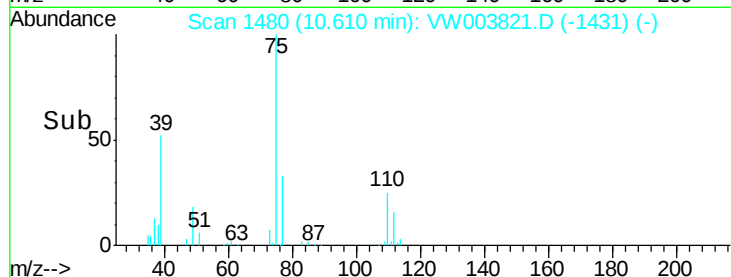
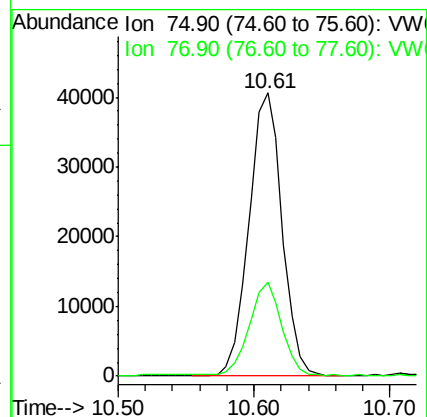
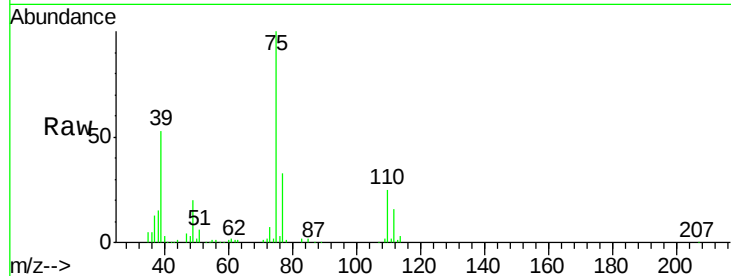
77 32.7 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 21.35 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

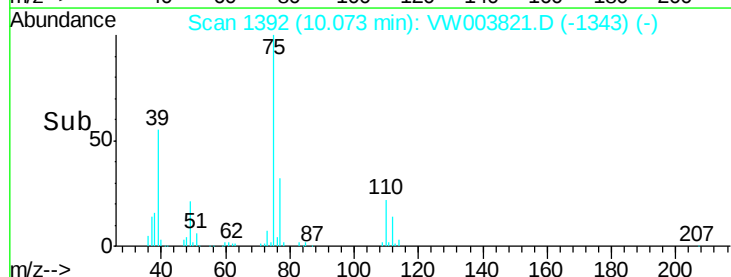
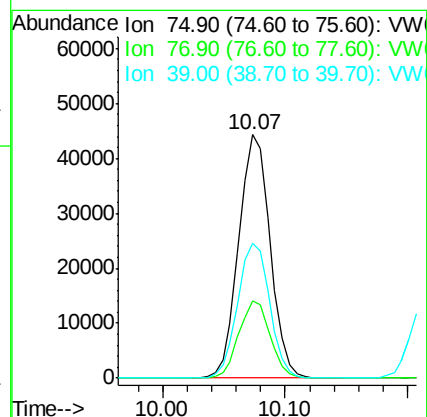
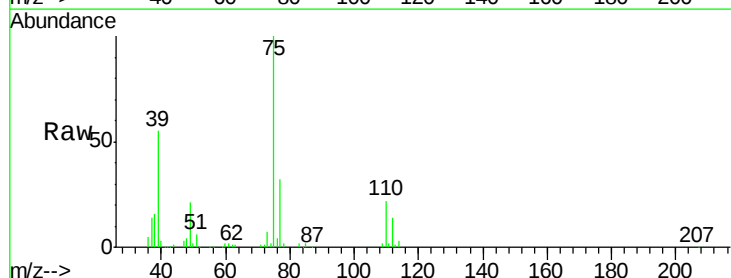
Tgt Ion: 75 Resp: 78643

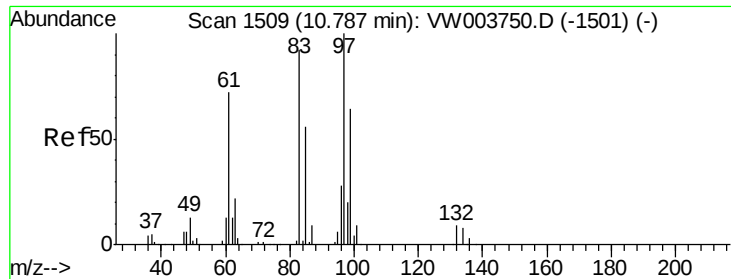
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 55.0 43.6 65.4





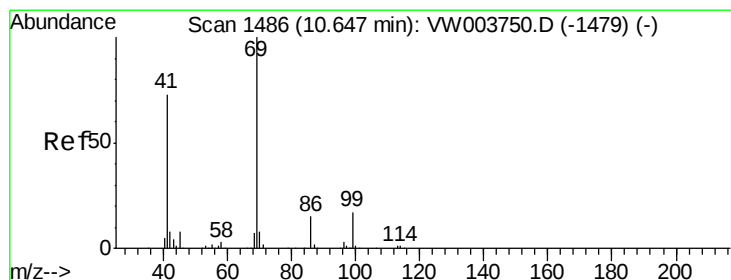
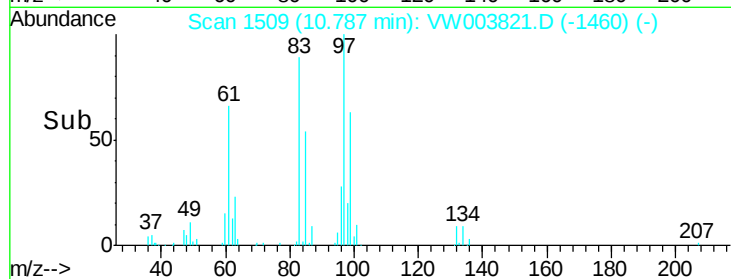
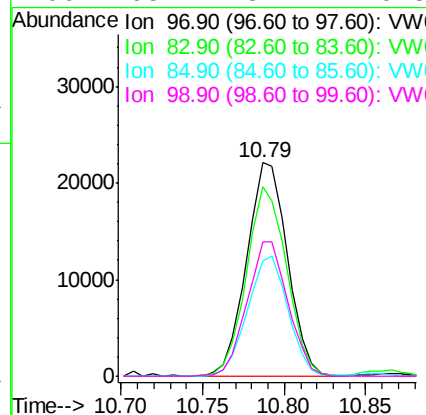
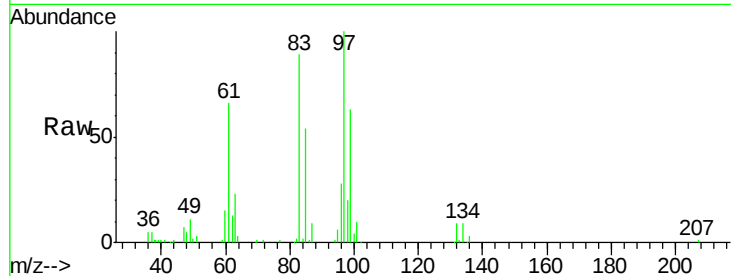
#55
 1,1,2-Trichloroethane
 Concen: 20.95 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Tot Ion:	97	Resp:	38648
Ion	Ratio	Lower	Upper
97	100		
83	88.8	73.8	110.6
85	54.0	45.0	67.4
99	63.2	51.2	76.8

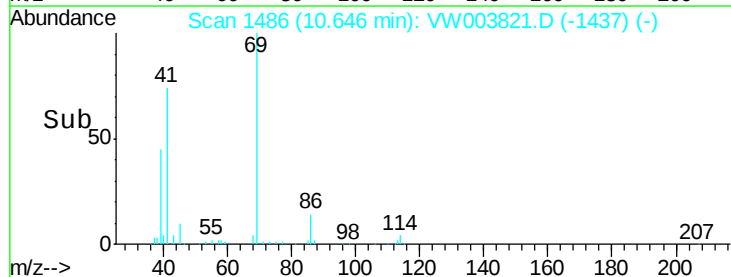
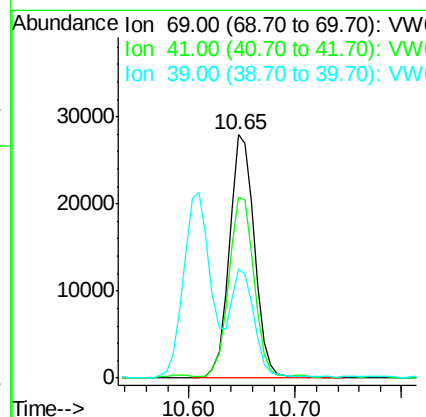
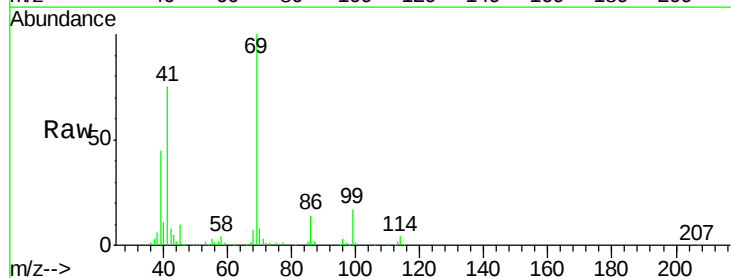
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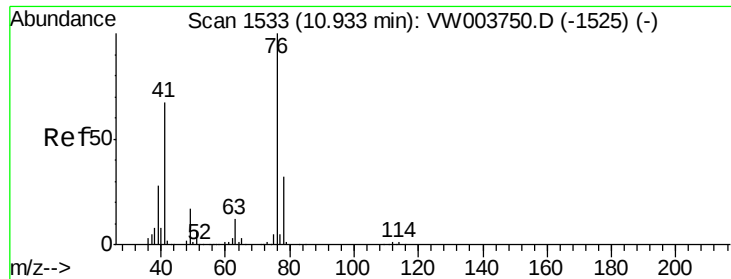
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#56
 Ethyl methacrylate
 Concen: 20.52 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion:	69	Resp:	46184
Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.0	88.4
39	38.4	32.8	49.2





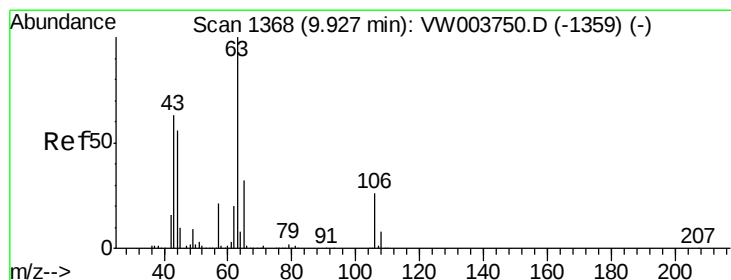
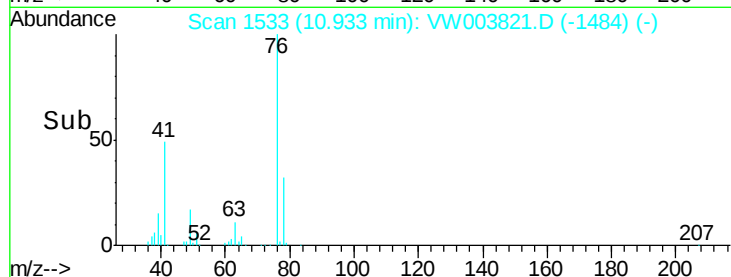
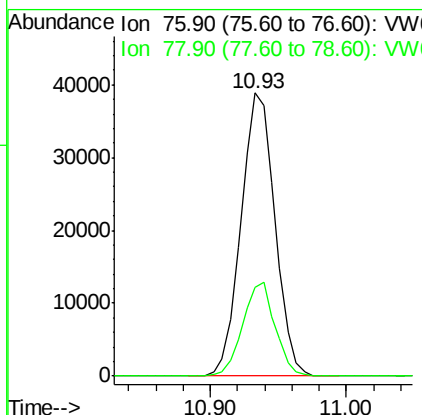
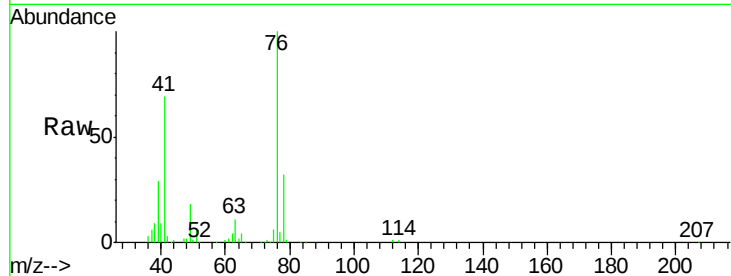
#57
 1,3-Dichloropropane
 Concen: 21.08 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Tot Ion: 76 Resp: 67779
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.6 38.4

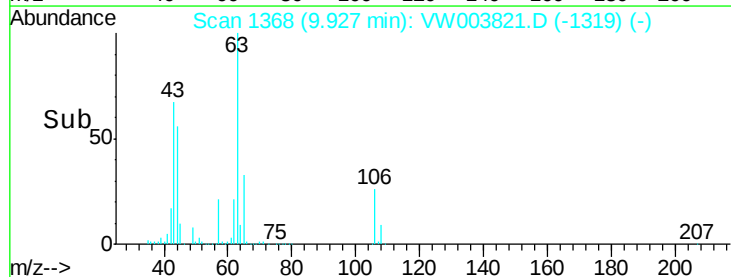
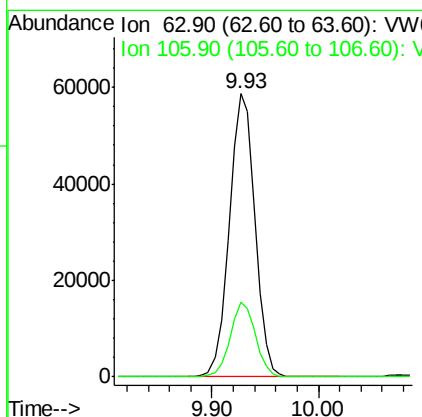
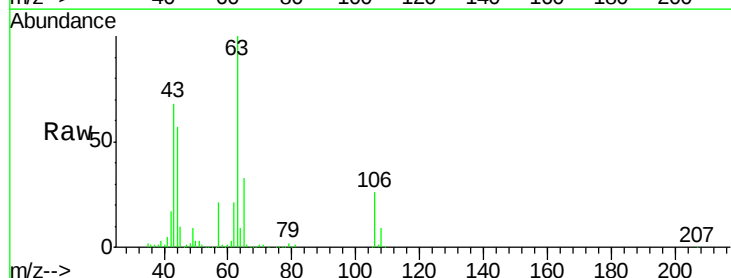
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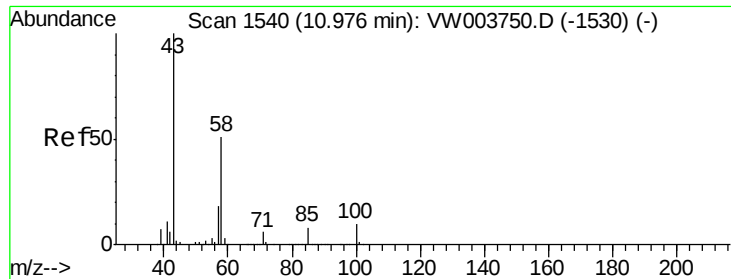
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#58
 2-Chloroethyl Vinyl ether
 Concen: 92.28 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion: 63 Resp: 98985
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.9 31.3





#59

2-Hexanone

Concen: 108.42 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion: 43 Resp: 120723

Ion Ratio Lower Upper

43 100

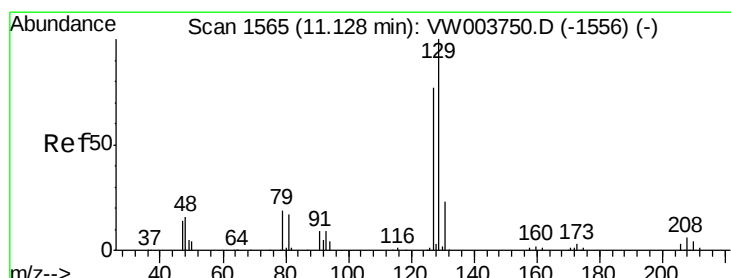
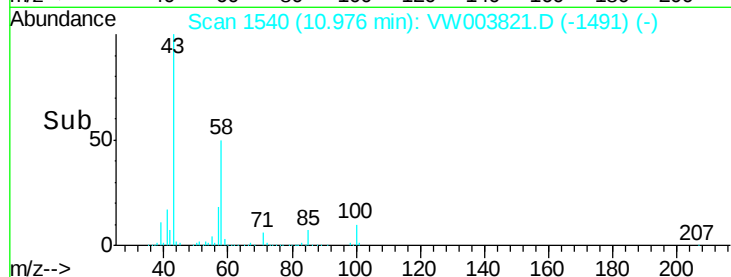
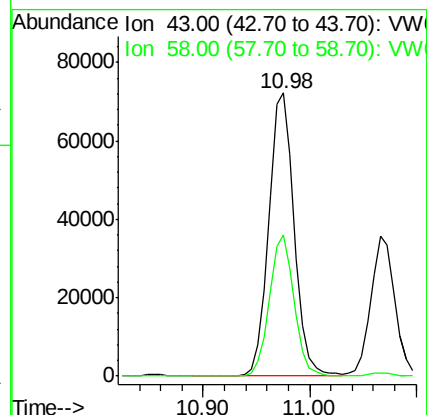
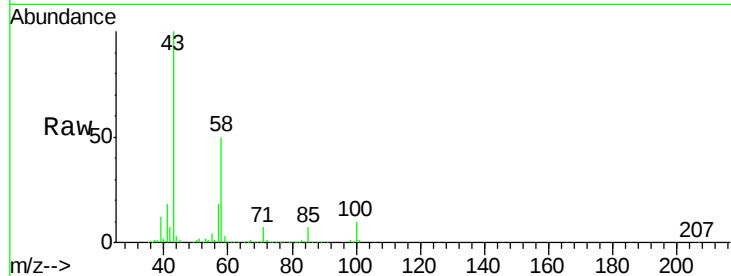
58 48.3 25.4 76.2

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#60

Dibromochloromethane

Concen: 21.39 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VW003821.D

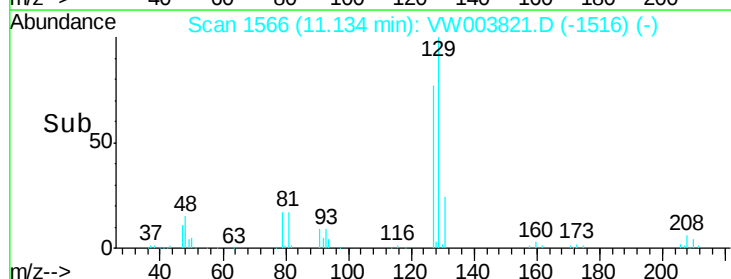
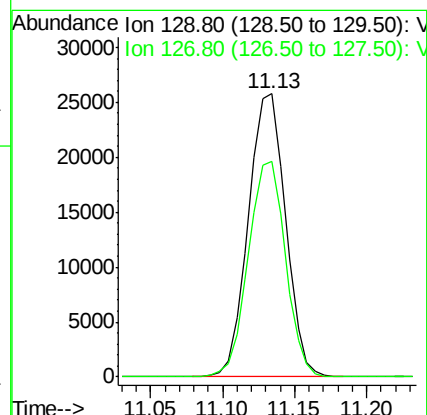
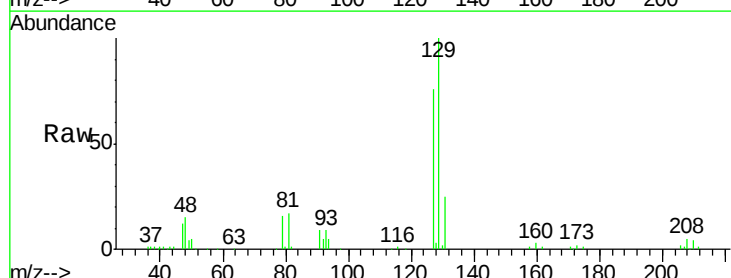
Acq: 10 Jul 2018 13:30

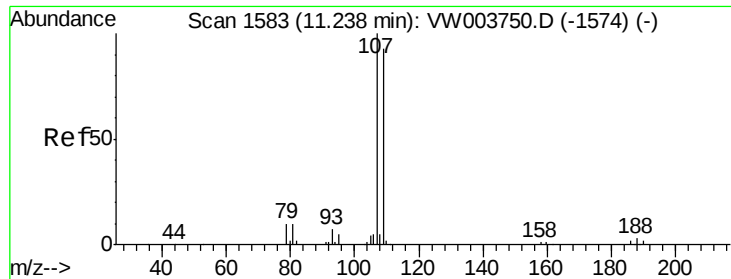
Tgt Ion: 129 Resp: 46061

Ion Ratio Lower Upper

129 100

127 76.0 38.9 116.6





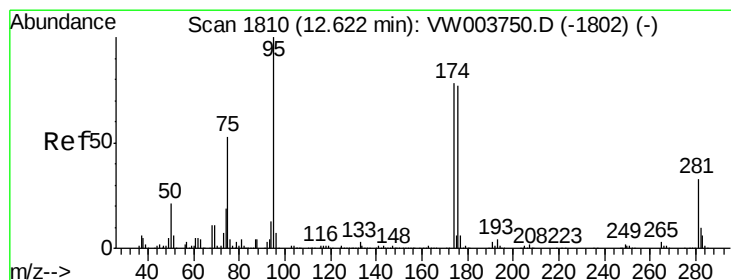
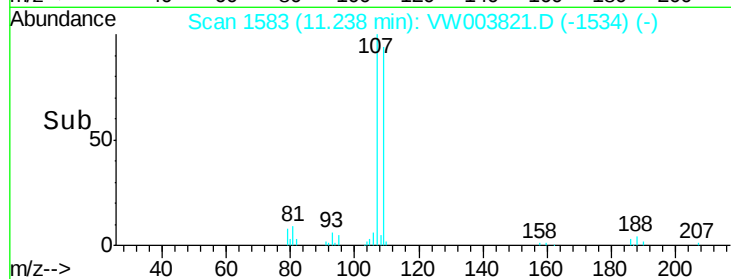
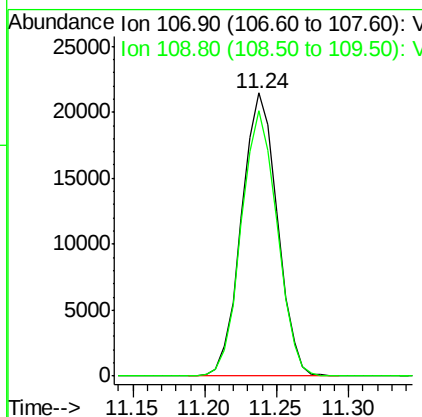
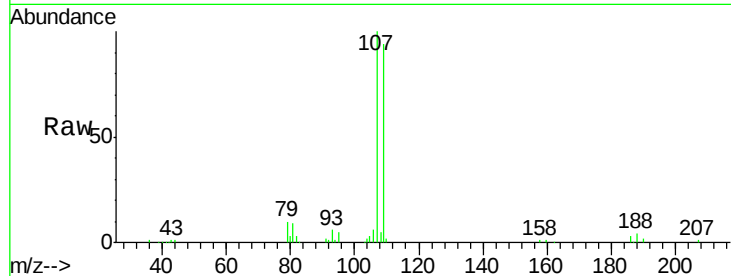
#61
 1,2-Dibromoethane
 Concen: 20.96 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.1	112.7

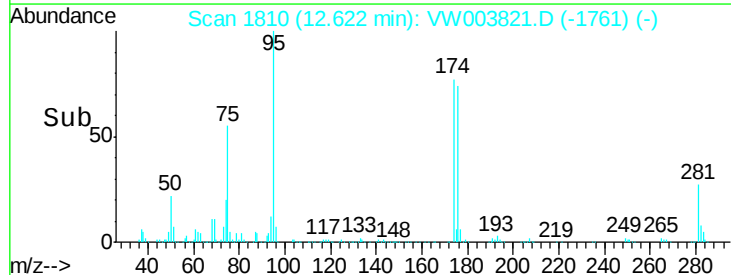
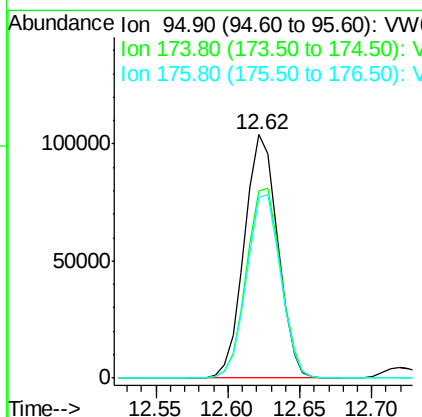
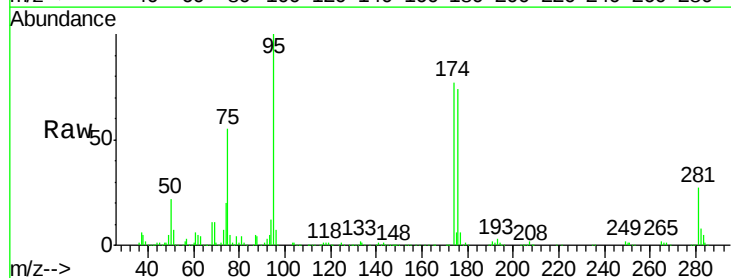
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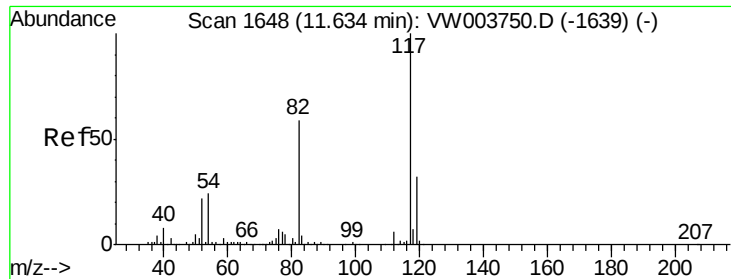
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.89 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	163.4
176	76.5	0.0	156.8





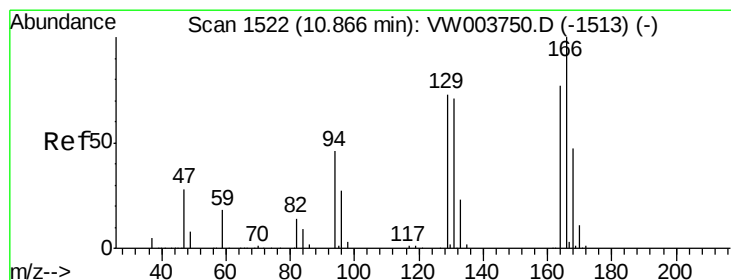
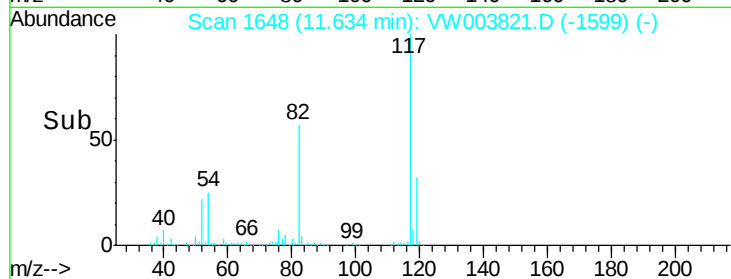
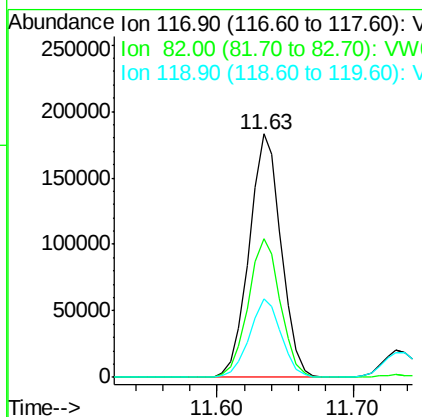
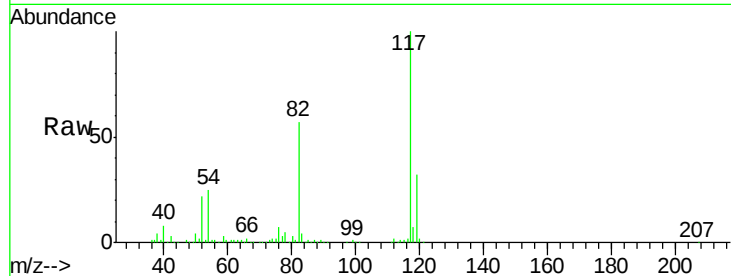
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300692		
82	57.1	46.9	70.3	
119	32.0	25.5	38.3	

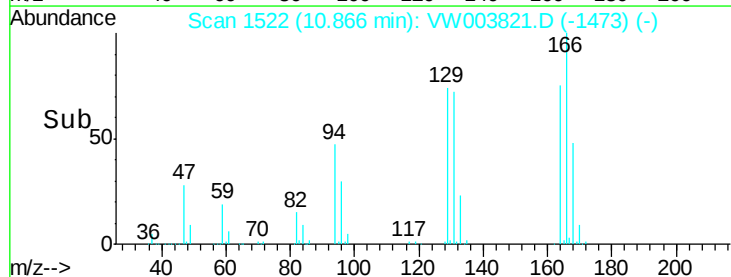
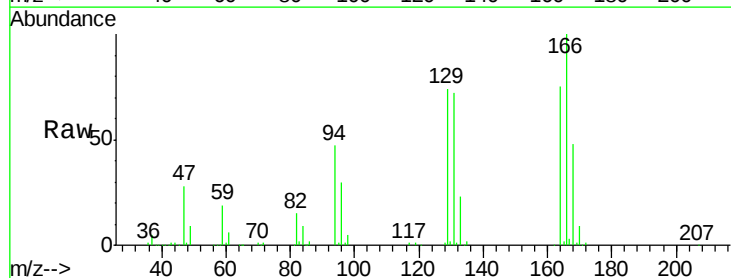
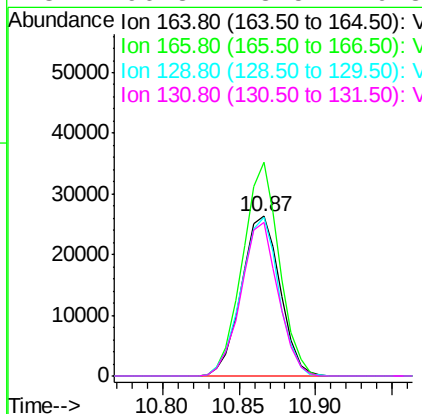
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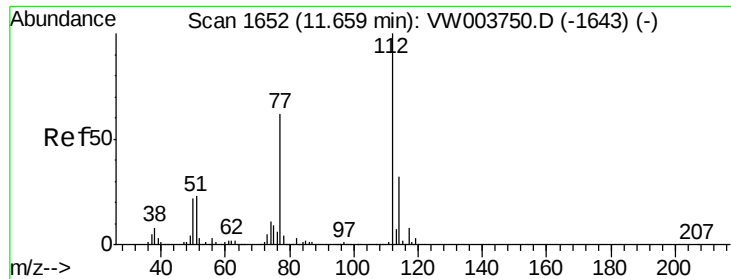
apatel
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#64
Tetrachloroethene
Concen: 20.83 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46332		
166	133.7	104.2	156.4	
129	99.3	75.8	113.8	
131	96.3	73.5	110.3	





#65

Chlorobenzene

Concen: 21.57 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS01

Tot Ion:112 Resp: 142983

Ion Ratio Lower Upper

112 100

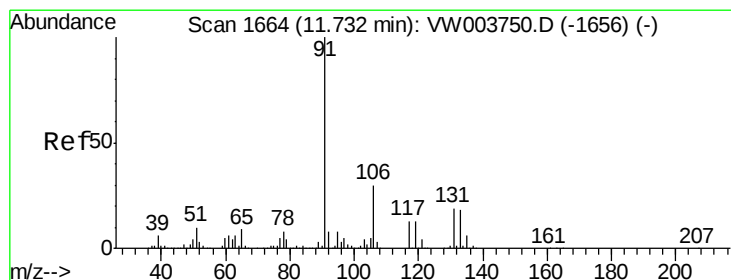
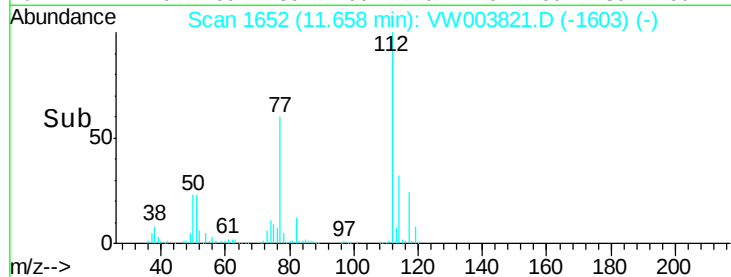
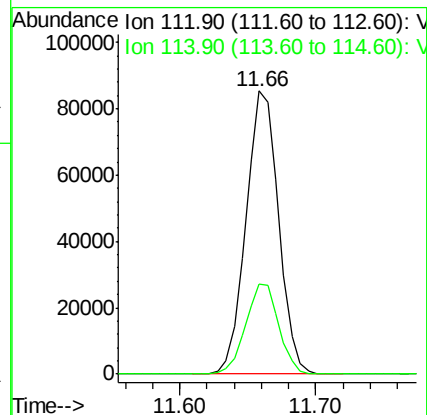
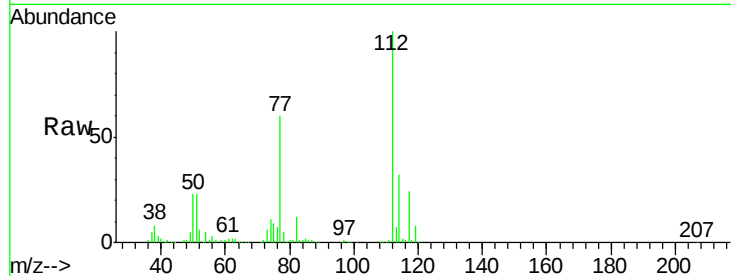
114 31.9 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.74 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

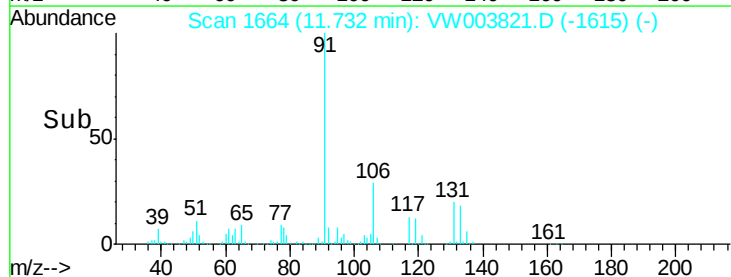
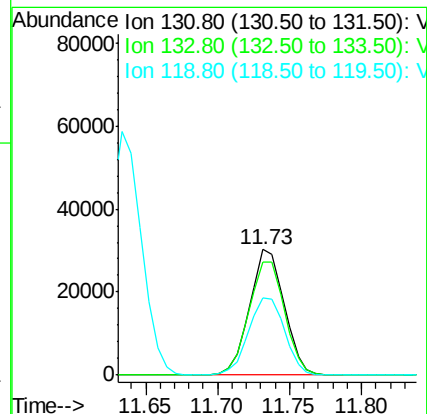
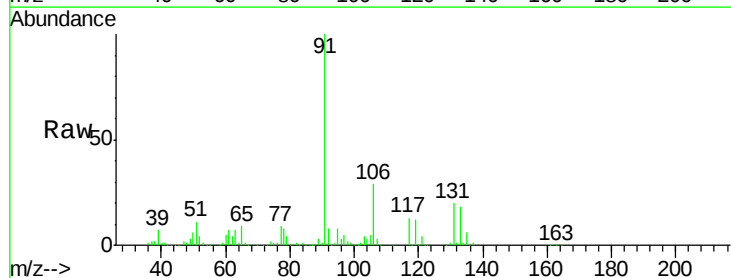
Tgt Ion:131 Resp: 50348

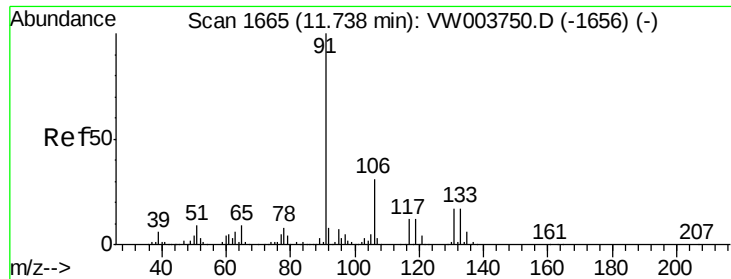
Ion Ratio Lower Upper

131 100

133 93.4 48.0 144.2

119 64.4 33.2 99.6





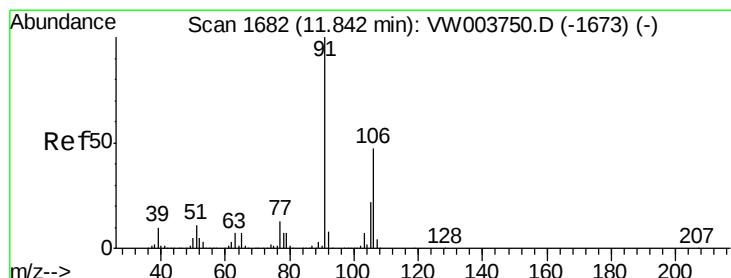
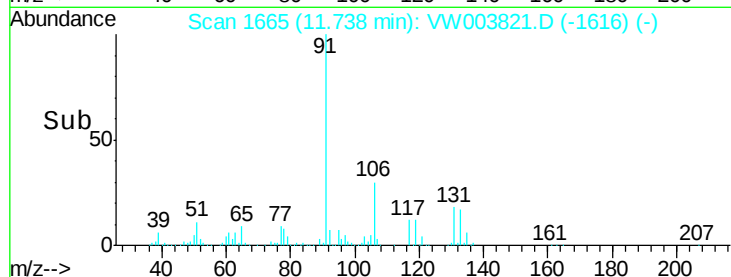
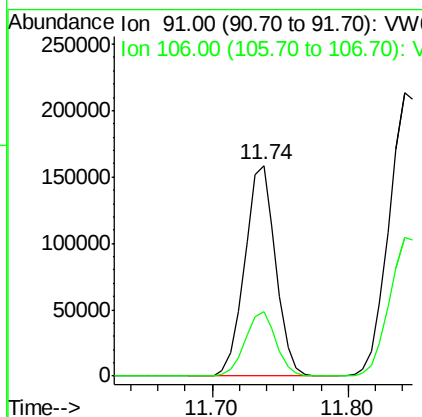
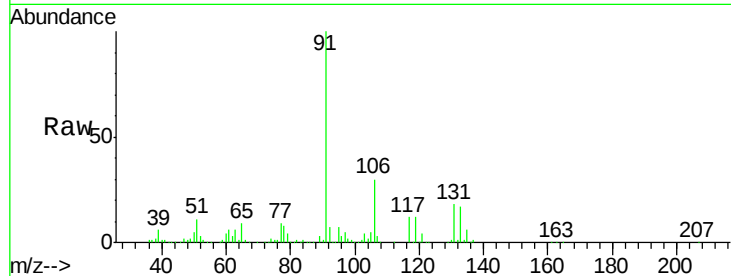
#67
Ethyl Benzene
Concen: 22.17 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.6	37.0

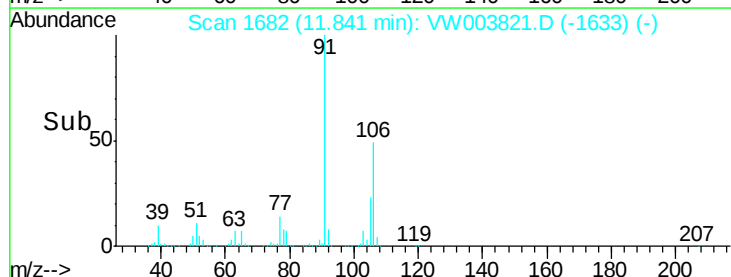
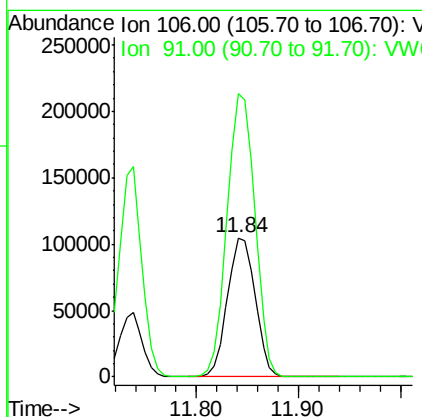
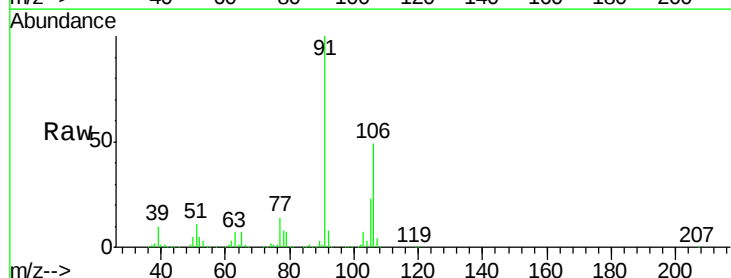
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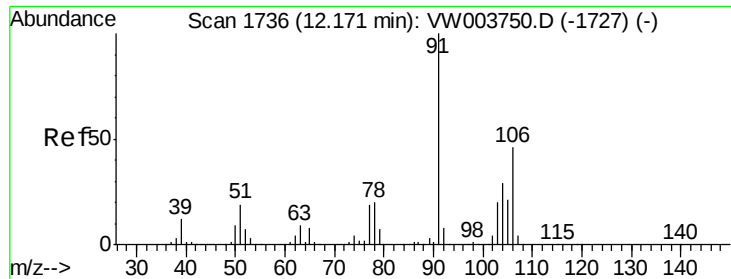
apatel
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#68
m/p-Xylenes
Concen: 45.54 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.0	164.3	246.5





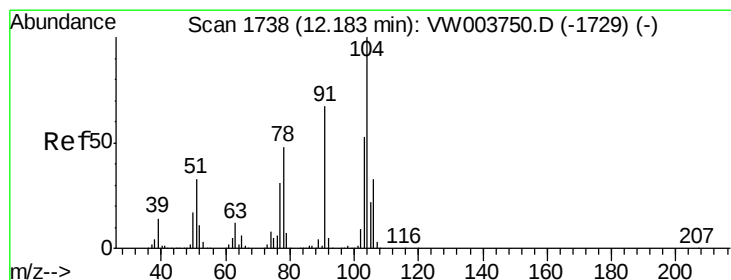
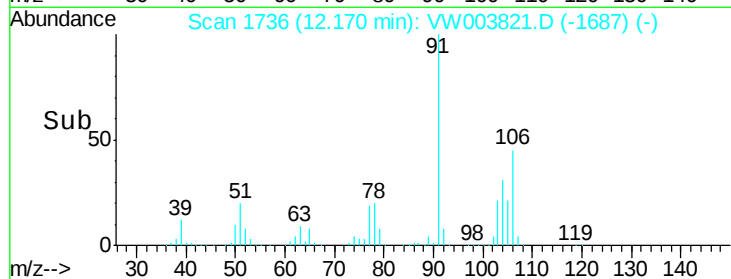
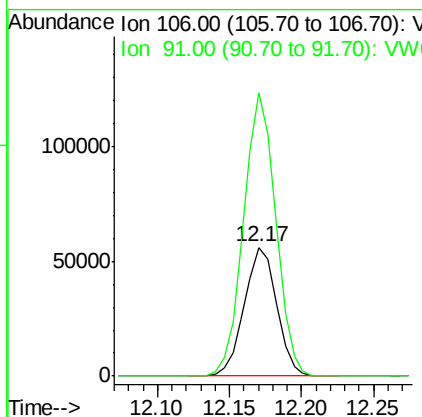
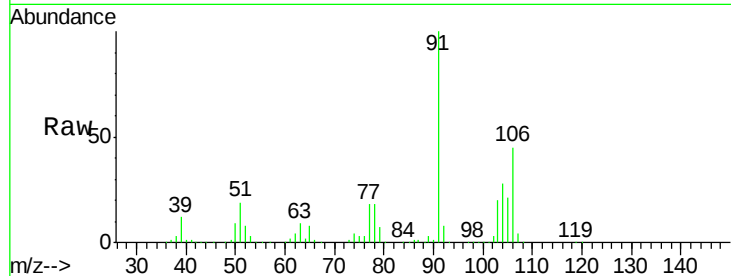
#69
o-Xylene
Concen: 21.87 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tot Ion:106 Resp: 87571
Ion Ratio Lower Upper
106 100
91 218.1 109.1 327.2

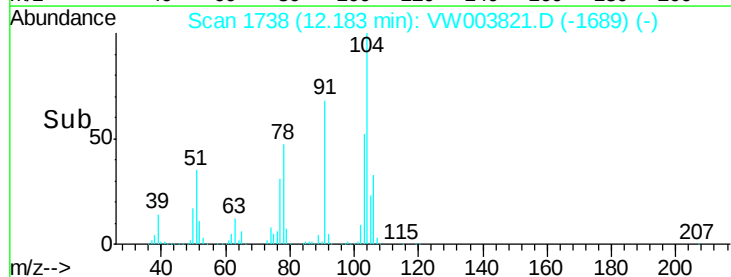
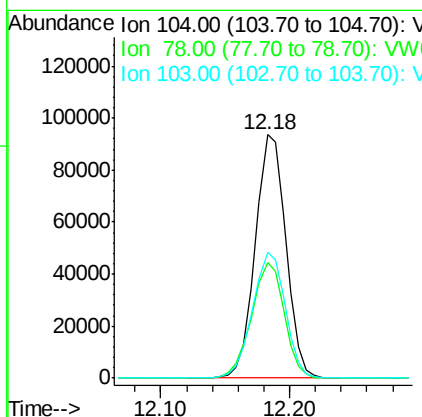
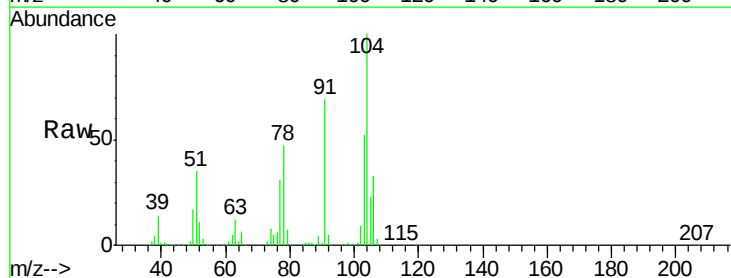
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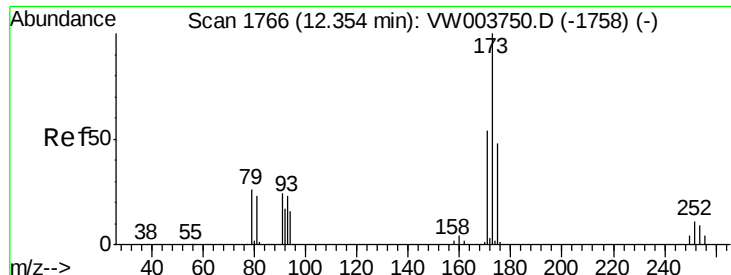
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#70
Styrene
Concen: 22.47 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion:104 Resp: 153057
Ion Ratio Lower Upper
104 100
78 50.9 41.1 61.7
103 55.6 44.6 67.0





#71

Bromoform

Concen: 21.13 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

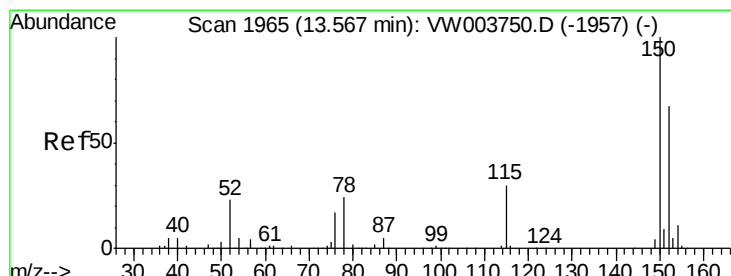
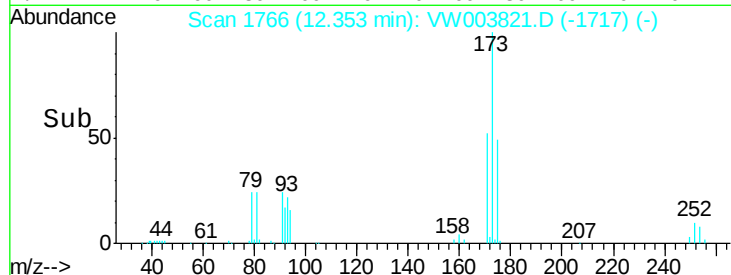
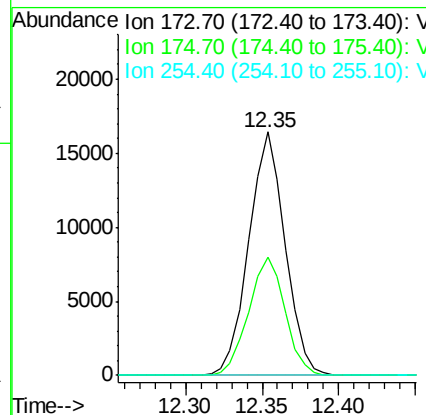
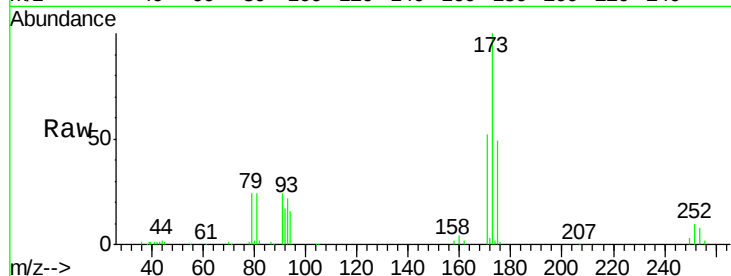
ClientSampleId :

VW0710SBSD01

Tot Ion:	173	Resp:	27015
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.1	72.4
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

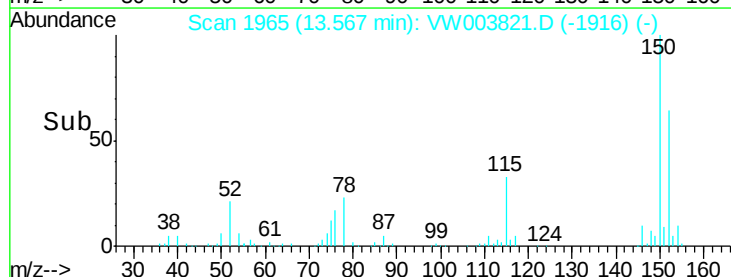
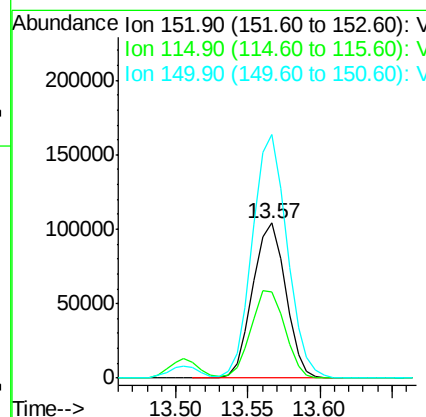
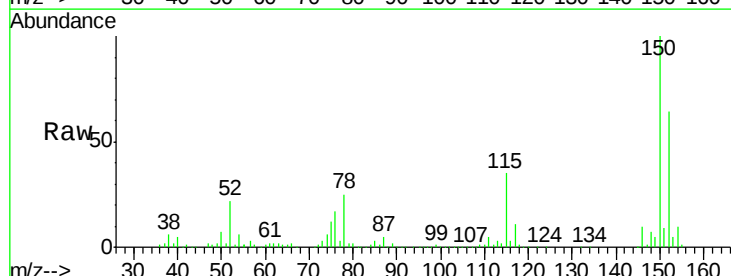
RT: 13.57 min Scan# 1965

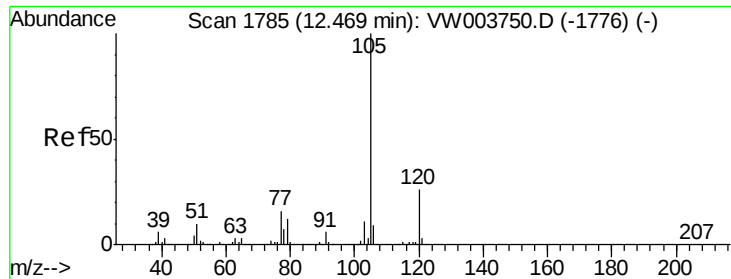
Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Tgt Ion:	152	Resp:	165394
Ion Ratio	Lower	Upper	
152	100		
115	58.1	28.9	86.8
150	164.8	0.0	342.4





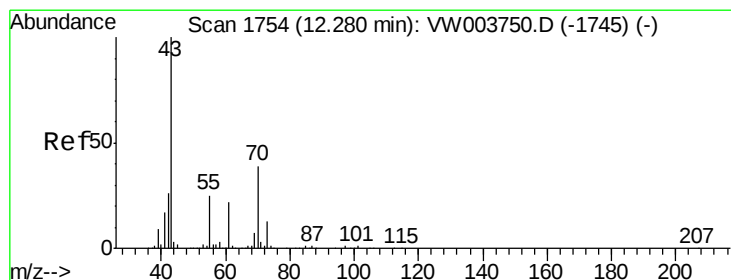
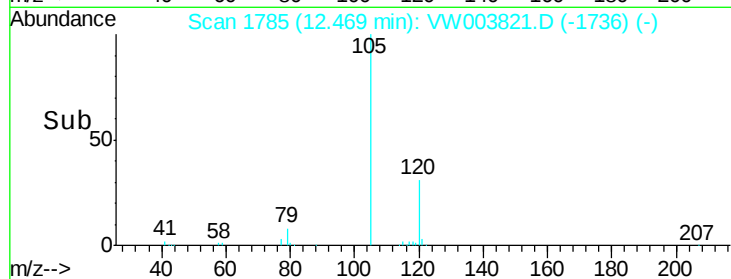
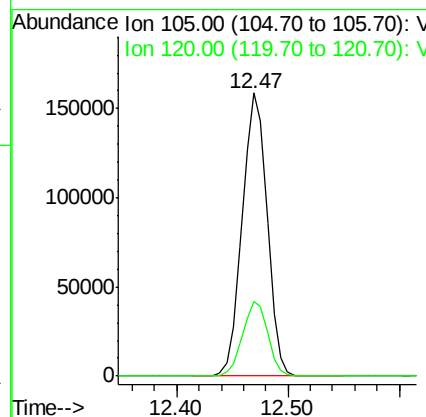
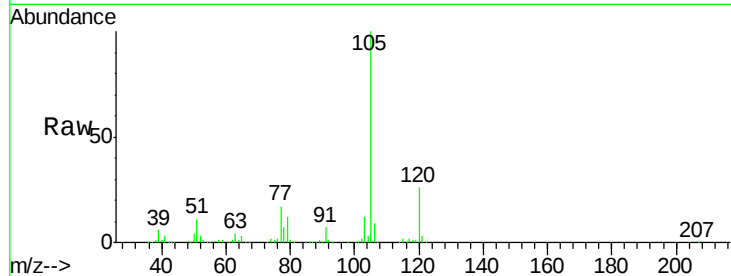
#73
Isopropylbenzene
Concen: 22.01 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

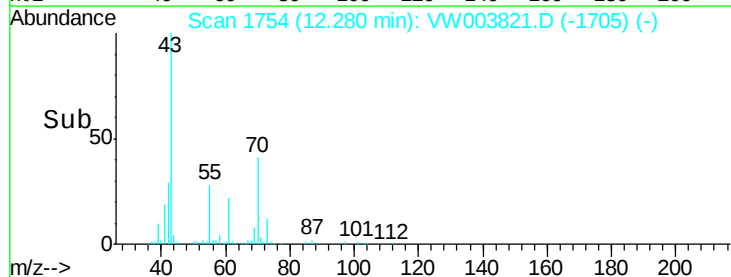
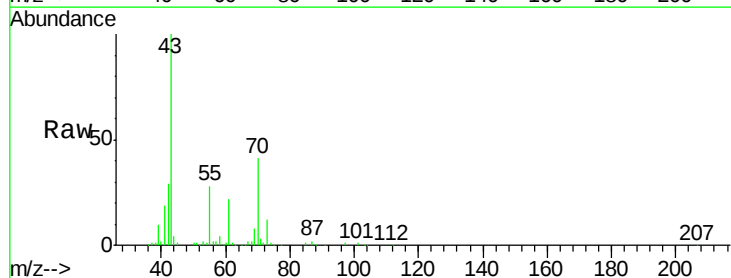
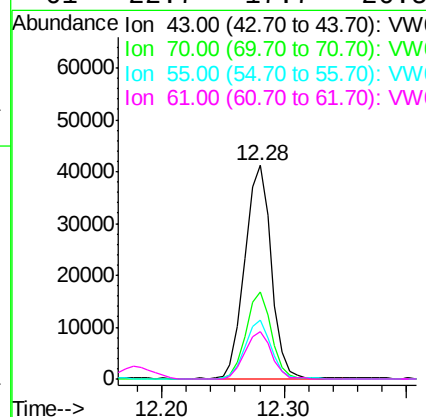
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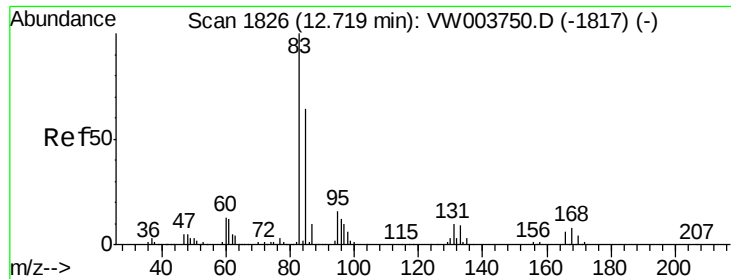
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#74
N-ethyl acetate
Concen: 20.33 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.3	46.9
55	27.6	20.1	30.1
61	22.7	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.88 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

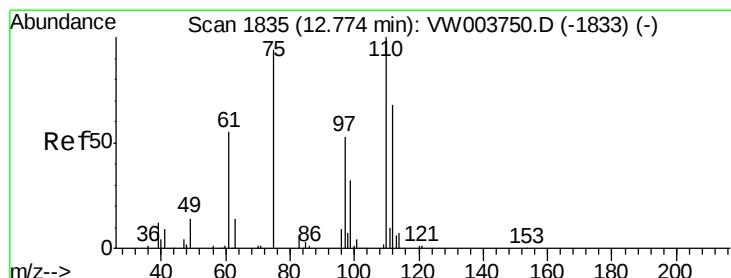
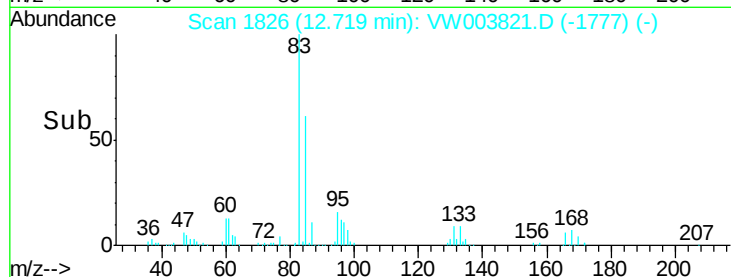
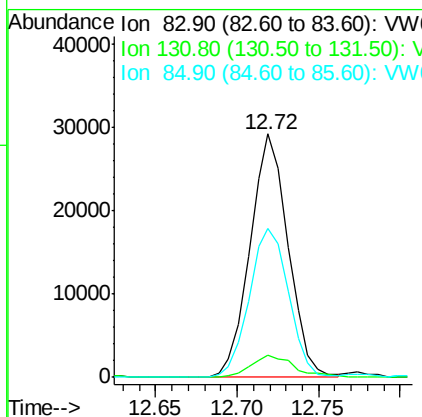
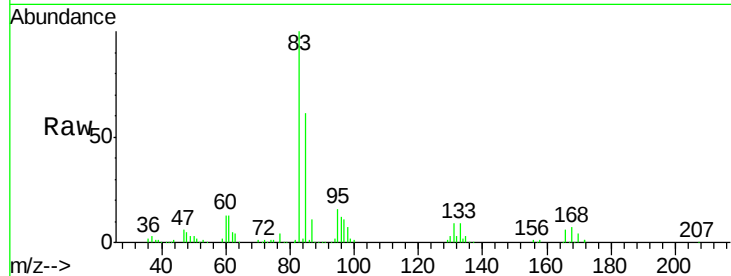
ClientSampleId :

VW0710SBS01

Tot Ion:	83	Resp:	47422
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	63.0	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 18.93 ug/l m

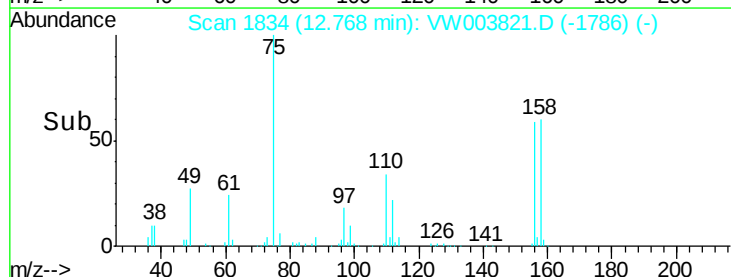
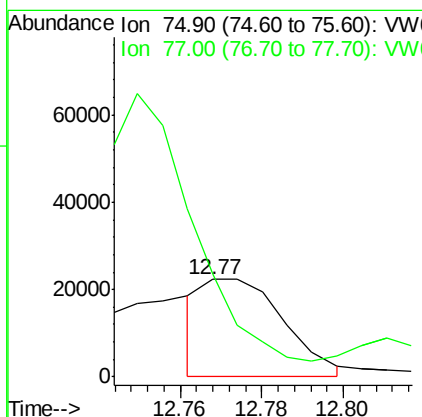
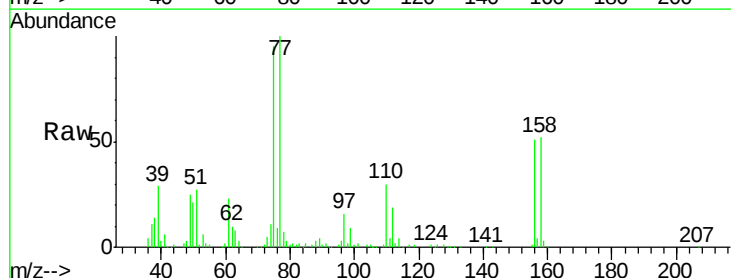
RT: 12.77 min Scan# 1834

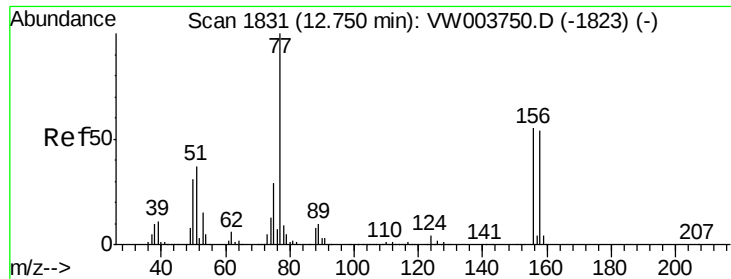
Delta R.T. -0.01 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Tgt Ion:	75	Resp:	30739
Ion Ratio	Lower	Upper	
75	100		
77	376.4	0.0	0.0#





#77

Bromobenzene

Concen: 21.15 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion:156 Resp: 58815

Ion Ratio Lower Upper

156 100

77 196.7 98.7 296.0

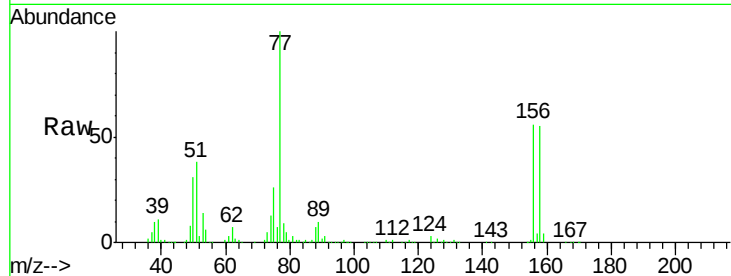
158 98.4 49.0 147.0

Manual Integrations

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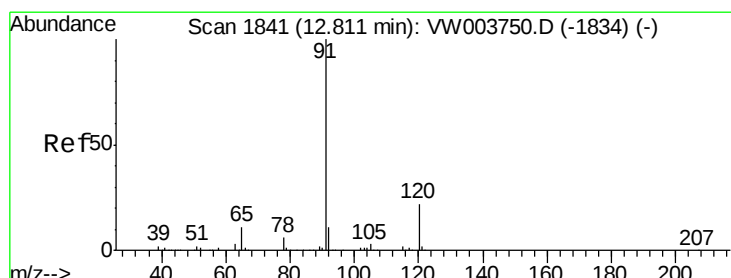
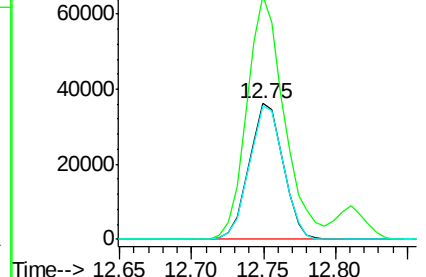
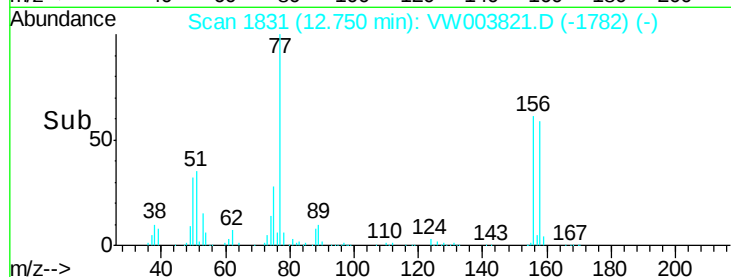
7/11/2018 12:18:49 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.51 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003821.D

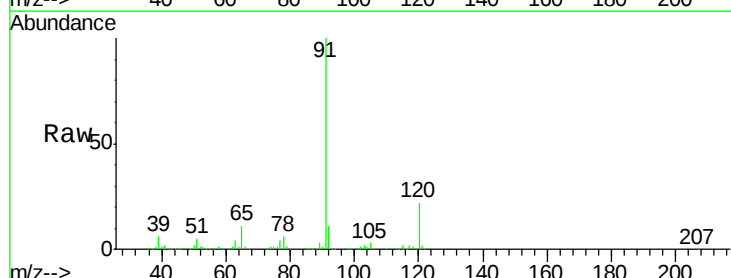
Acq: 10 Jul 2018 13:30

Tgt Ion: 91 Resp: 316566

Ion Ratio Lower Upper

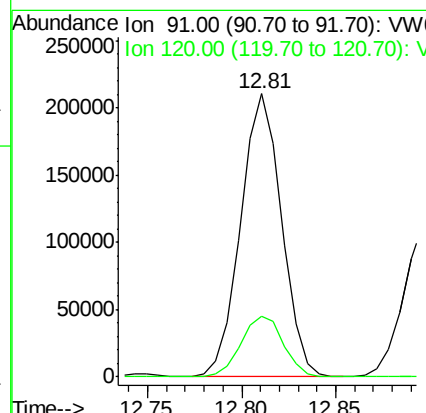
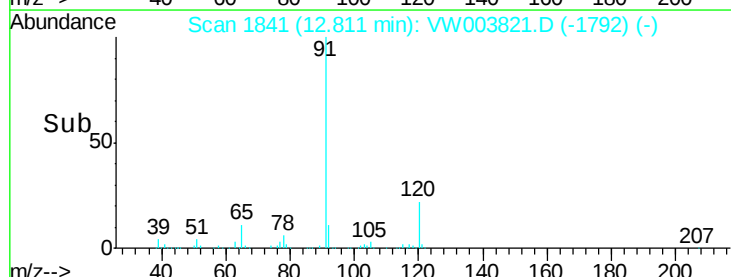
91 100

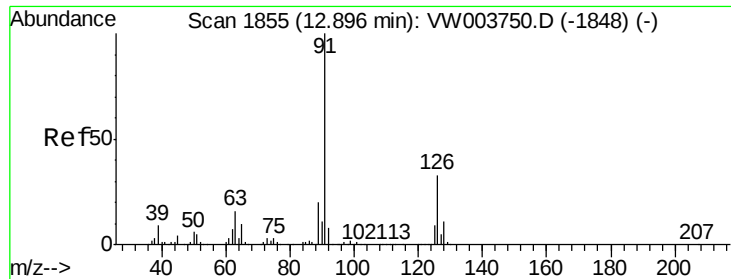
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.91 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampled :

VW0710SBSD01

Tot Ion: 91 Resp: 176993

Ion Ratio Lower Upper

91 100

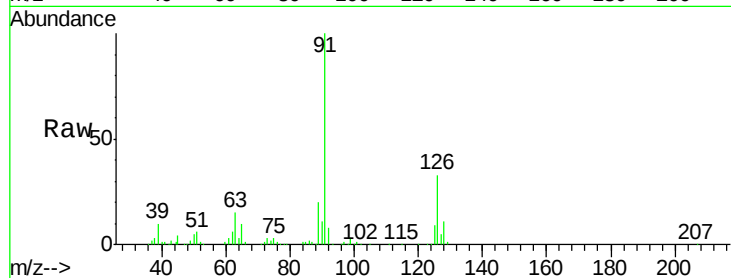
126 33.6 17.0 51.0

Manual Integrations

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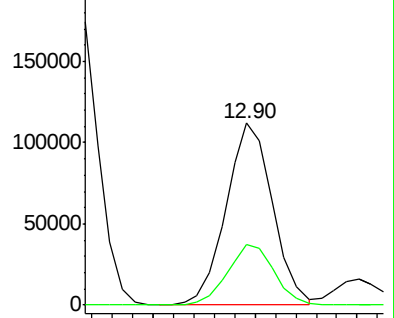
apatel

7/11/2018 12:18:49 PM

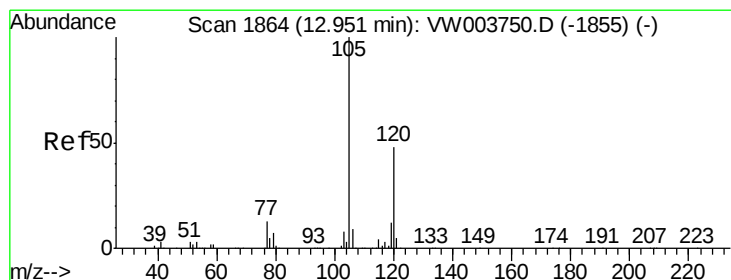
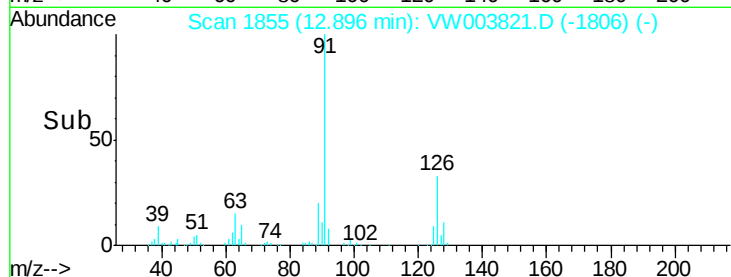


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.30 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003821.D

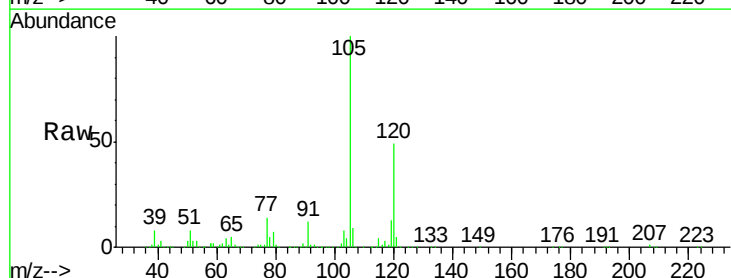
Acq: 10 Jul 2018 13:30

Tgt Ion:105 Resp: 215298

Ion Ratio Lower Upper

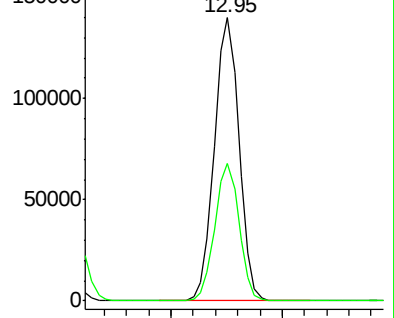
105 100

120 48.0 24.2 72.6

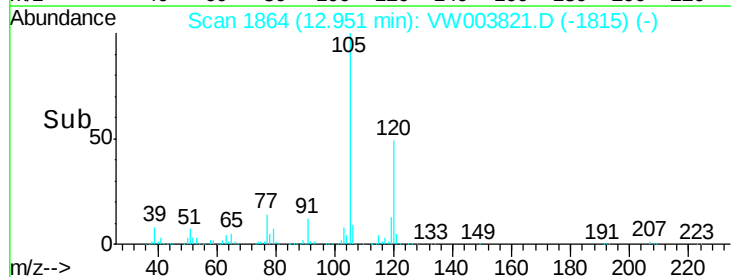


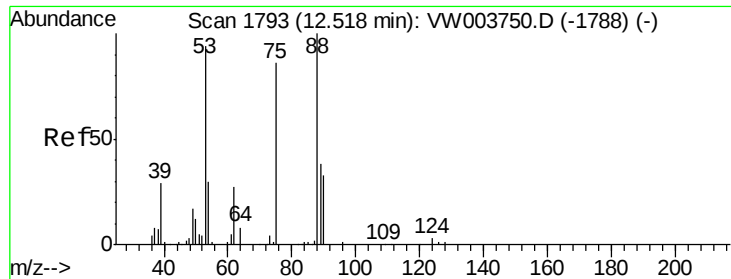
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.45 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

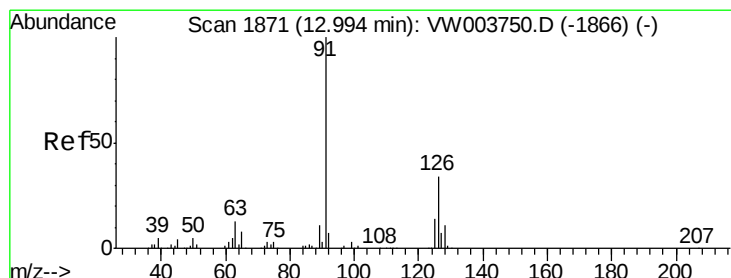
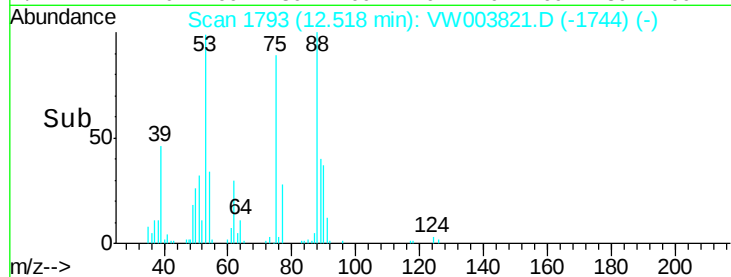
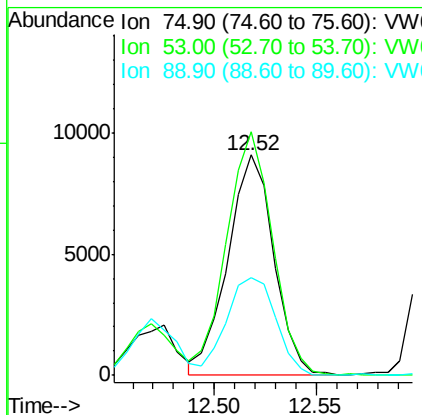
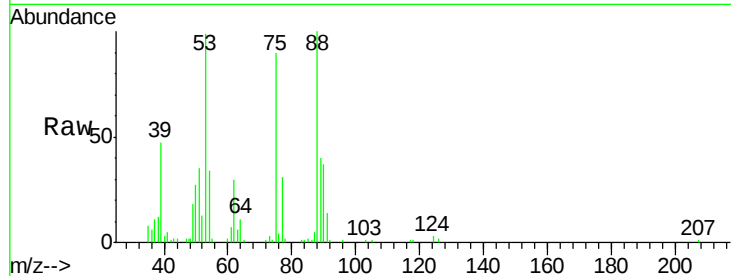
ClientSampleId :

VW0710SBSD01

Tot Ion:	75	Resp:	14241
Ion Ratio	Lower	Upper	
75	100		
53	110.8	85.0	127.6
89	47.1	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.06 ug/l

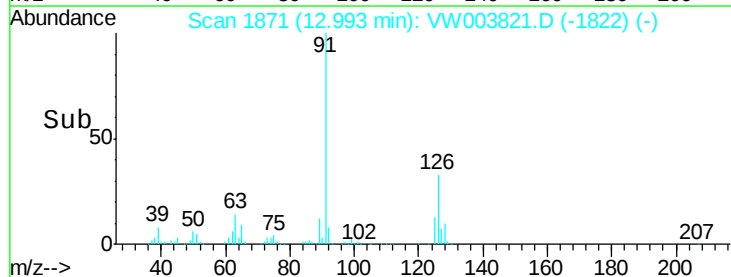
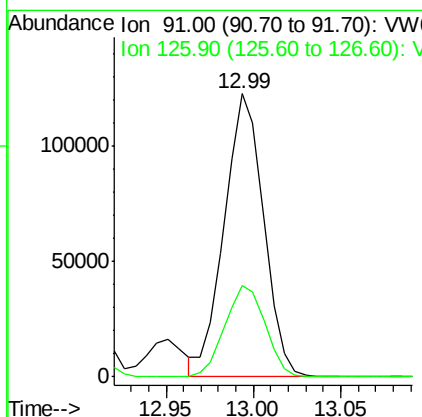
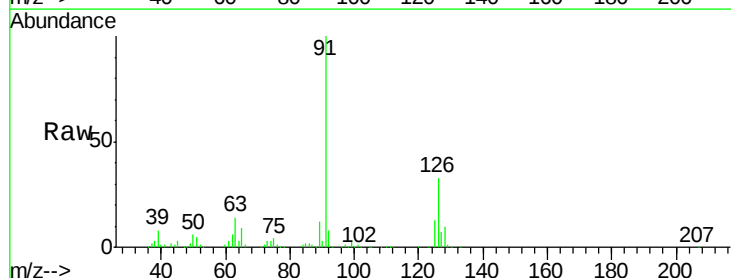
RT: 12.99 min Scan# 1871

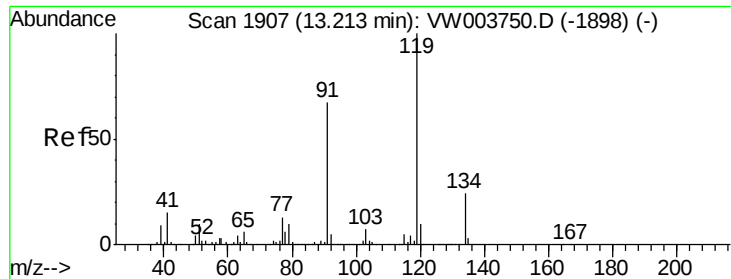
Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Tgt Ion:	91	Resp:	191586
Ion Ratio	Lower	Upper	
91	100		
126	33.2	16.5	49.5





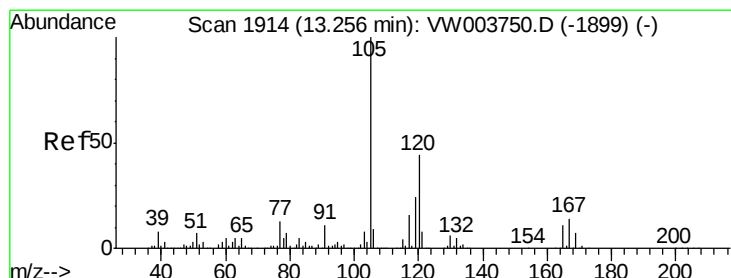
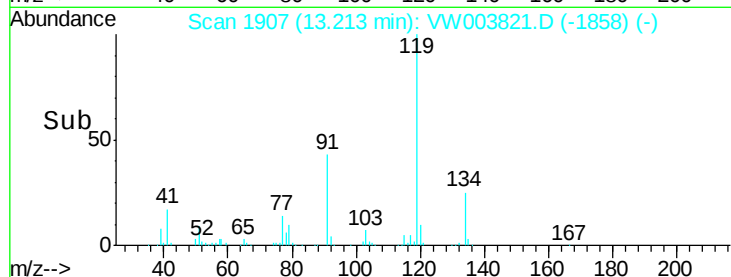
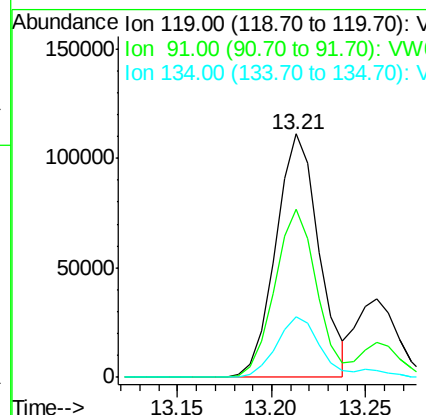
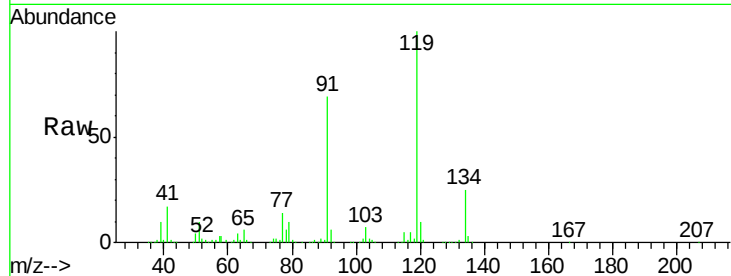
#83
tert-Butylbenzene
Concen: 22.13 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.1	33.0	98.9
134	24.9	12.8	38.4

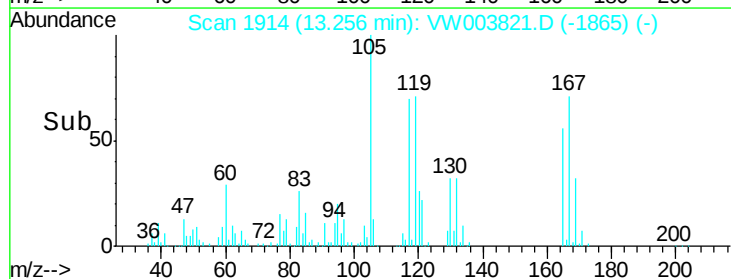
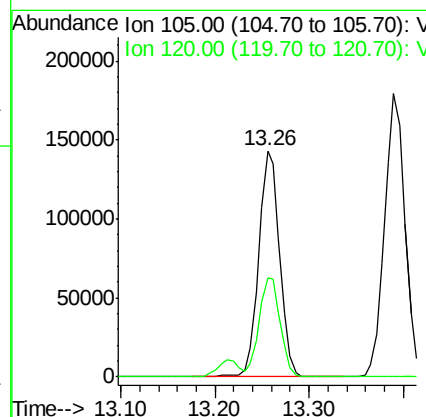
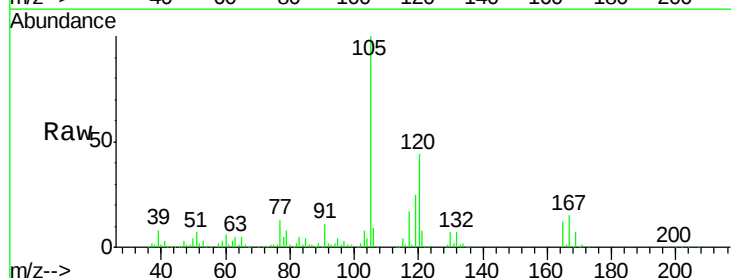
Manual Integrations
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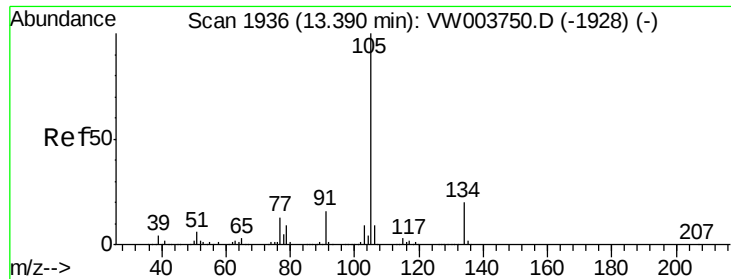
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 22.30 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.0	66.0





#85

sec-Butylbenzene

Concen: 22.55 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

Tot Ion:105 Resp: 268570

Ion Ratio Lower Upper

105 100

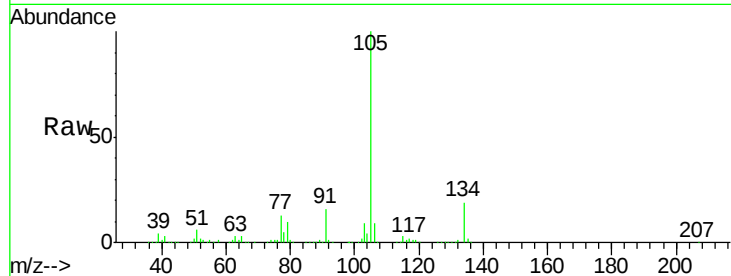
134 19.4 9.8 29.4

Manual Integrations

APPROVED

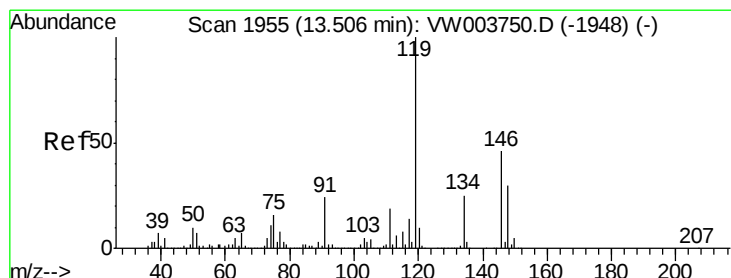
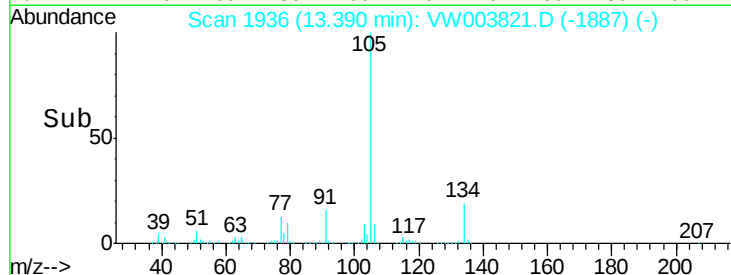
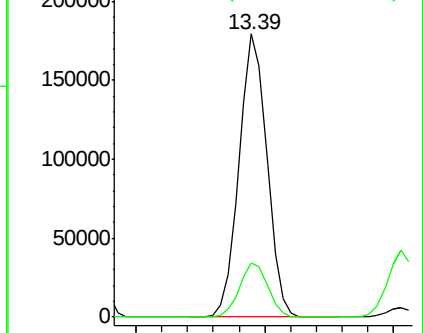
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.57 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003821.D

Acq: 10 Jul 2018 13:30

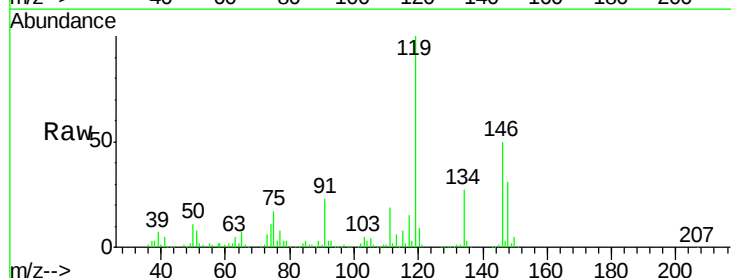
Tgt Ion:119 Resp: 234847

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

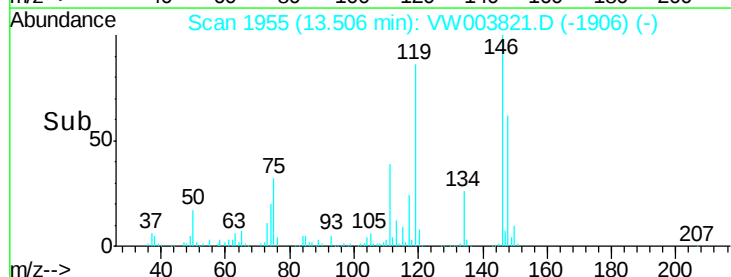
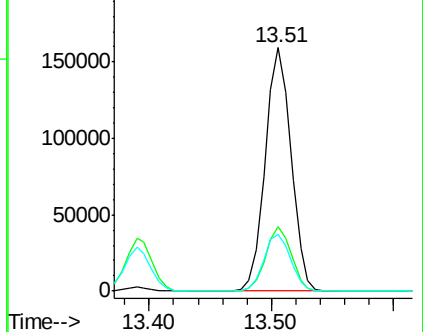
91 24.5 11.9 35.9

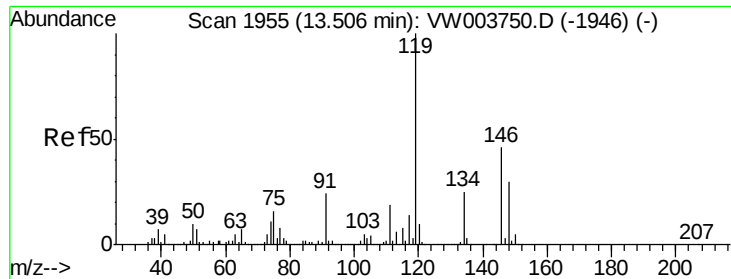


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





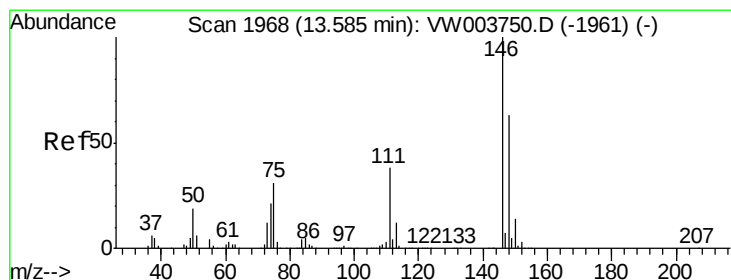
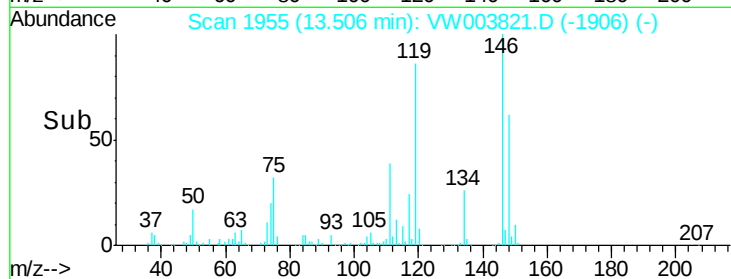
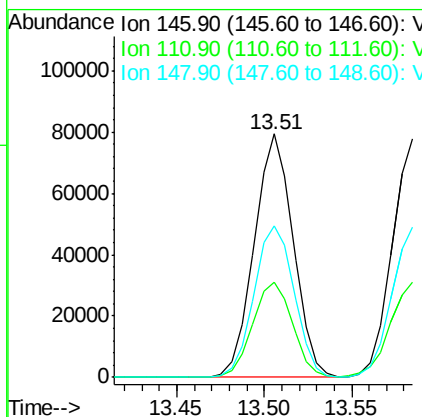
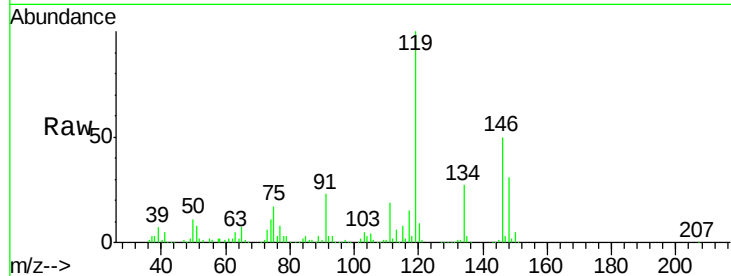
#87
 1,3-Dichlorobenzene
 Concen: 21.86 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123148		
111	40.1	20.2	60.5	
148	64.0	31.9	95.7	

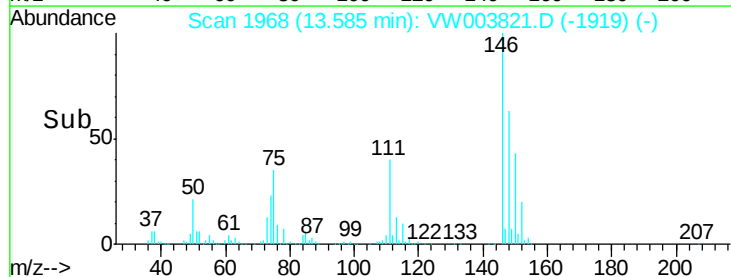
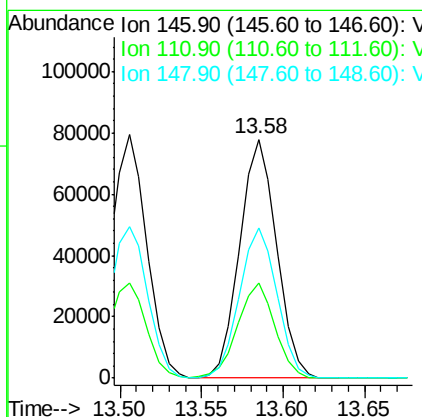
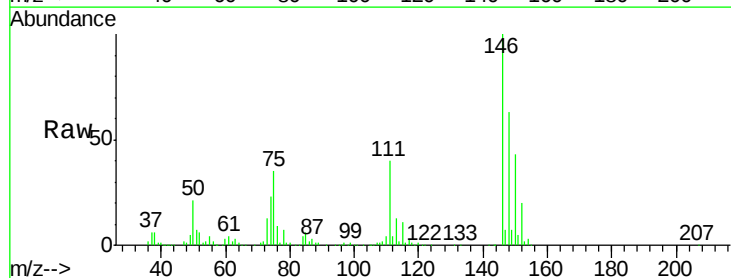
Manual Integrations
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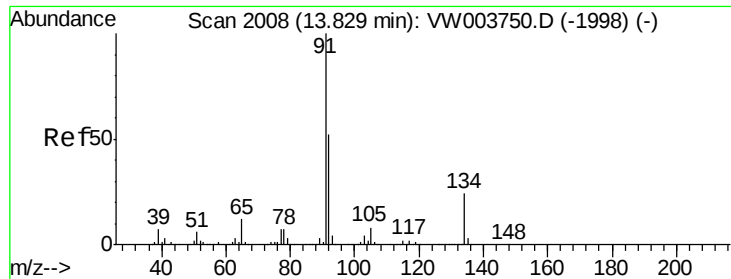
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.64 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122584		
111	40.5	19.4	58.4	
148	64.2	31.9	95.7	





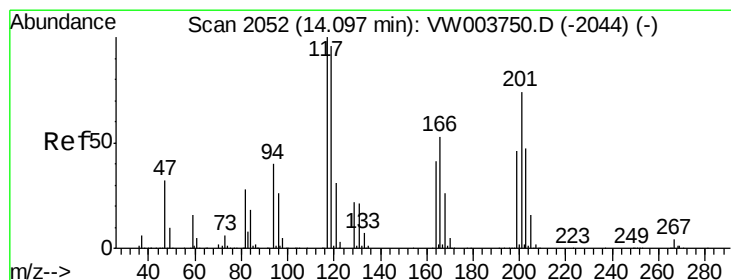
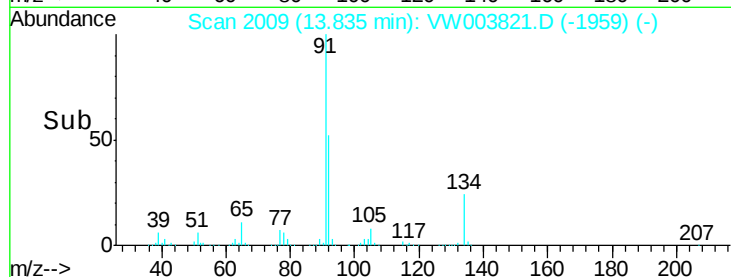
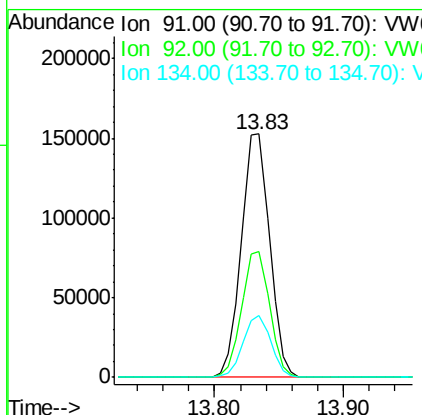
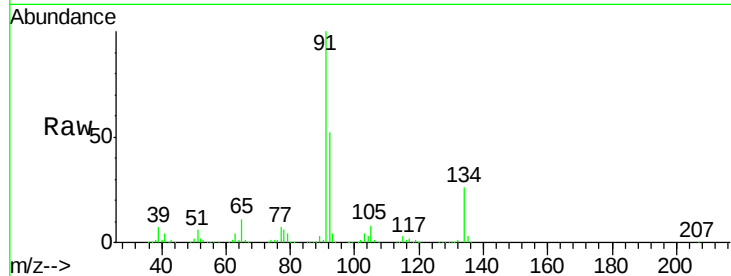
#89
n-Butylbenzene
Concen: 22.69 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.1	78.3
134	24.7	12.4	37.4

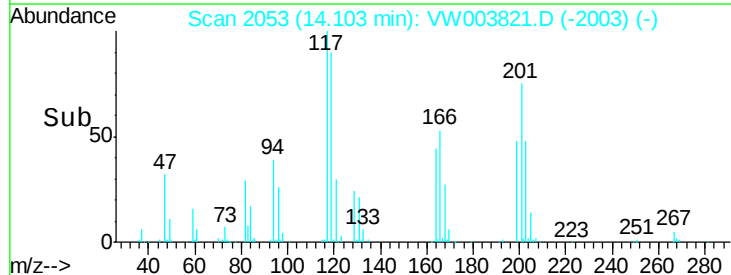
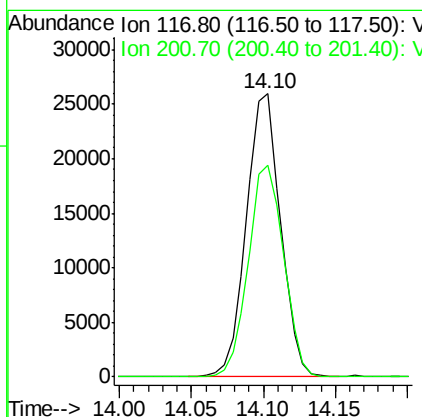
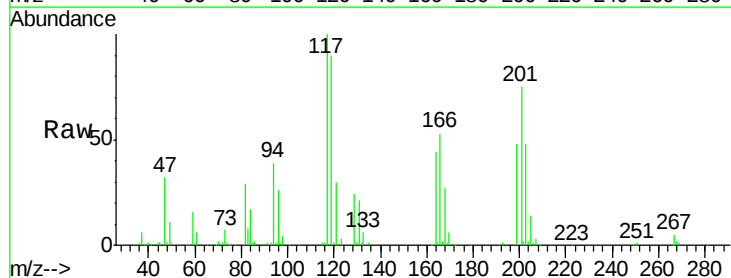
Manual Integrations
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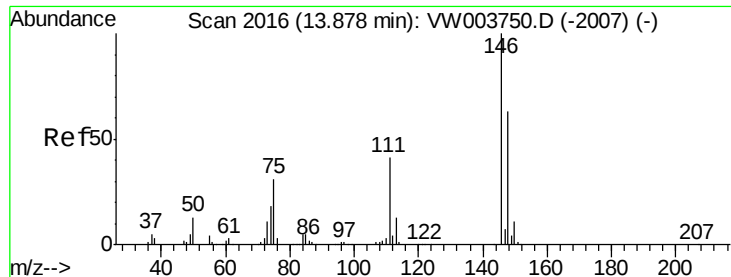
apatel
7/11/2018 12:18:49 PM



#90
Hexachloroethane
Concen: 21.27 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	39.2	117.6





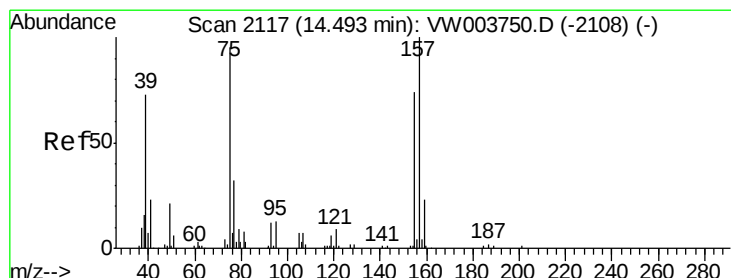
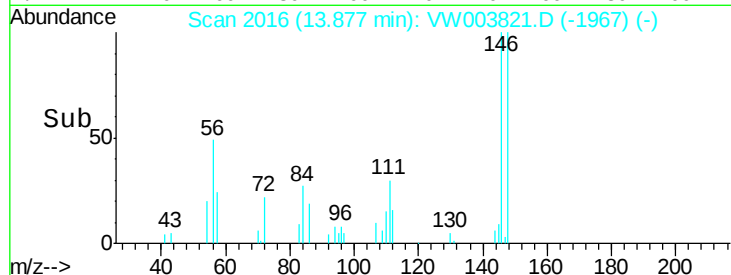
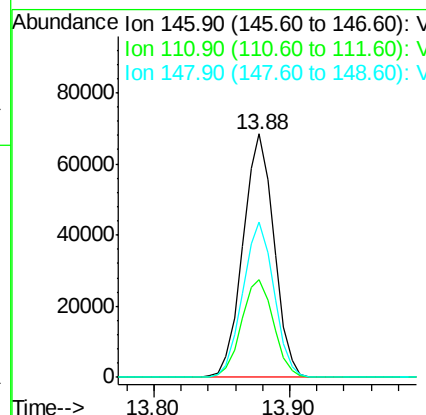
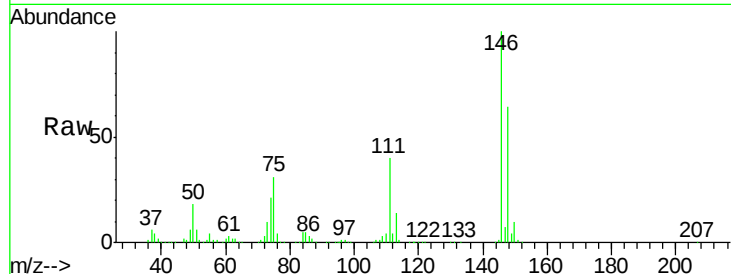
#91
 1,2-Dichlorobenzene
 Concen: 21.49 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	64.2	31.9	95.9

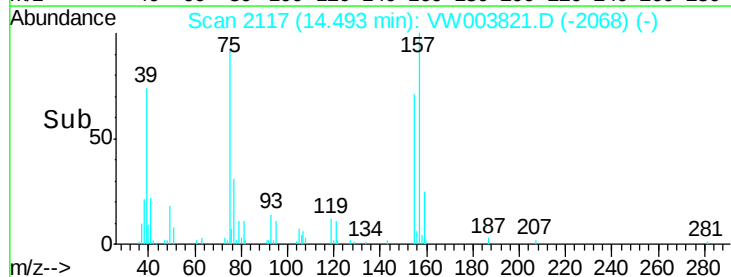
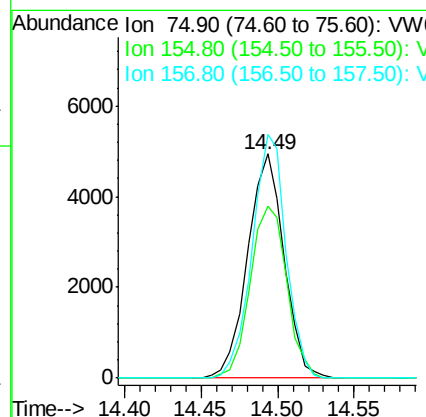
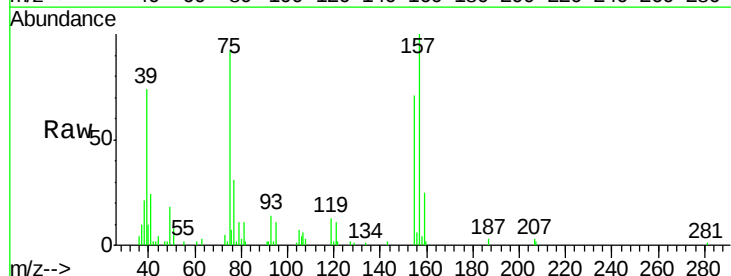
Manual Integrations
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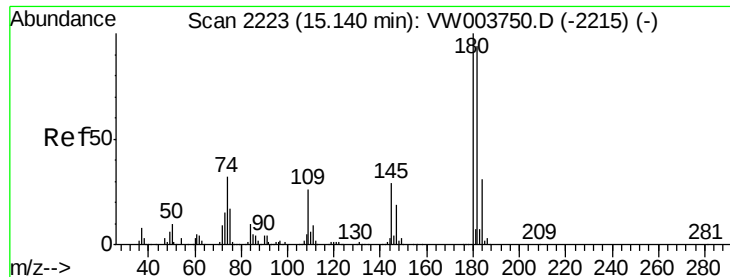
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.72 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	39.2	117.6
157	101.5	50.7	152.1





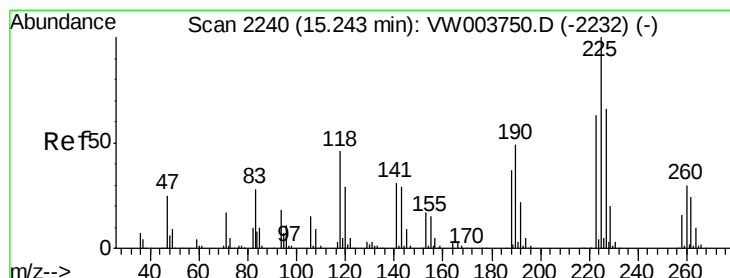
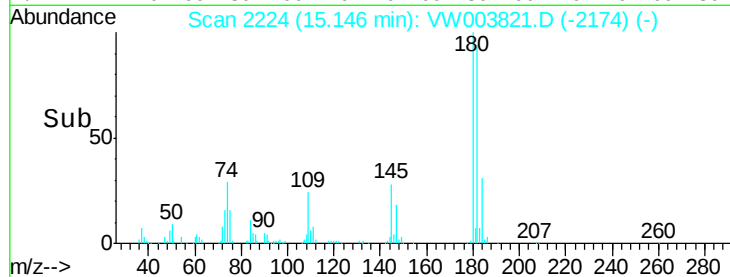
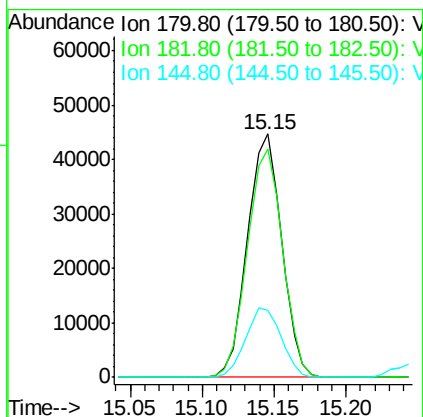
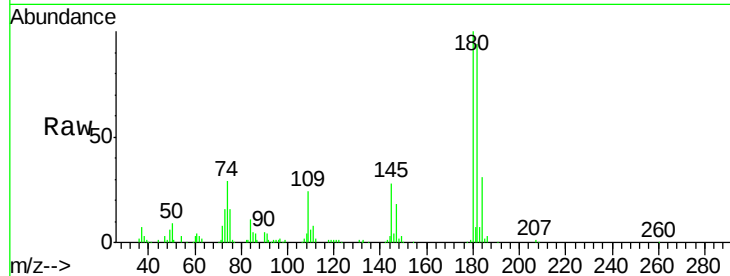
#93
 1,2,4-Trichlorobenzene
 Concen: 21.44 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	29.7	15.0	45.0

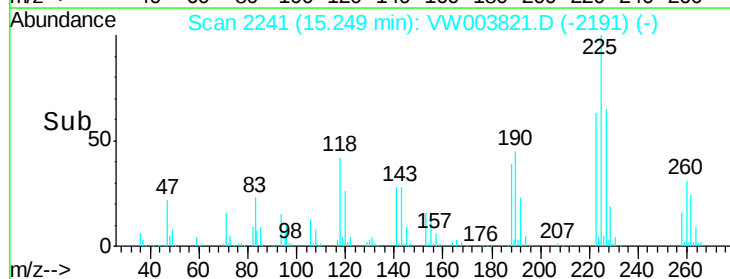
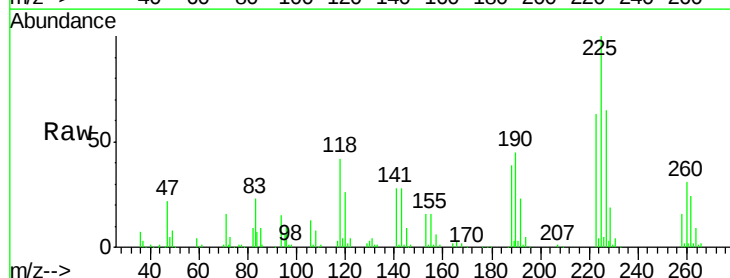
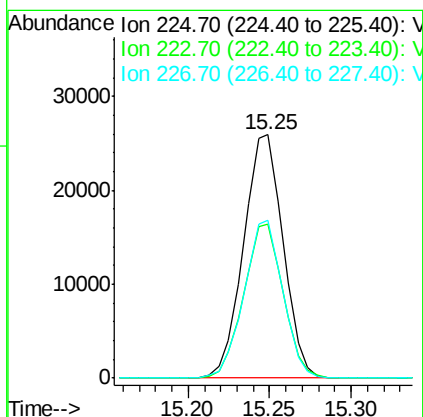
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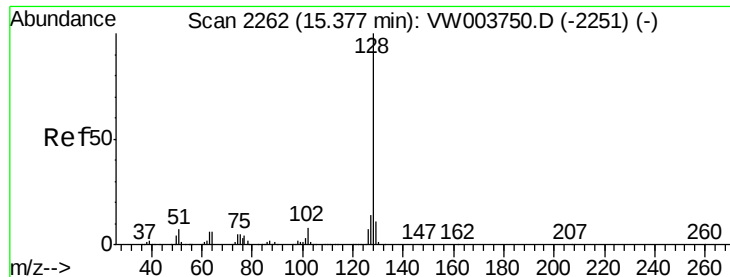
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#94
 Hexachlorobutadiene
 Concen: 22.30 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003821.D
 Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.6	97.7
227	63.6	32.5	97.5





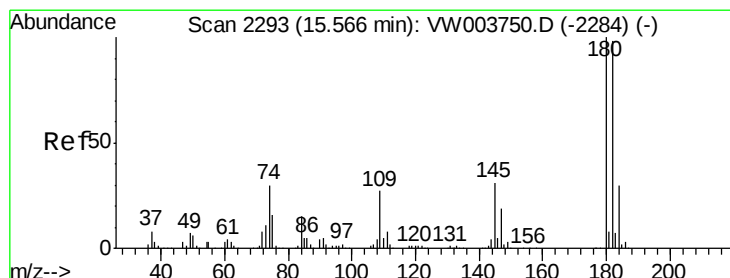
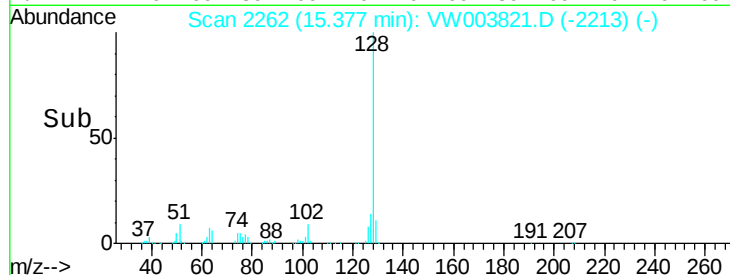
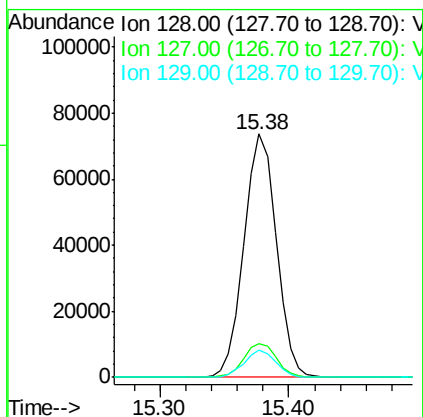
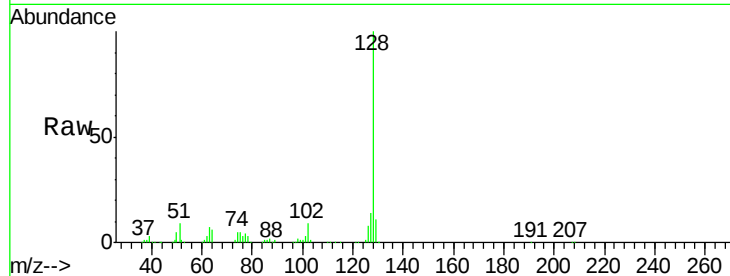
#95
Naphthalene
Concen: 20.85 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.94 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003821.D
Acq: 10 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.4	142.3
145	31.6	15.8	47.4

