

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004568.D
 Acq On : 09 Aug 2018 23:26
 Operator : SY/AP
 Sample : VW0812SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Manual Integrations
 APPROVED

apatel
 8/10/2018 11:49:33 AM

Quant Time: Aug 10 05:26:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	648648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1029605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	998911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	529179	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	353037	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.88	113	344929	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.33	98	1369370	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.62	95	491729	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91258	20.50	ug/l	99
3) Chloromethane	2.22	50	121783	19.64	ug/l	98
4) Vinyl Chloride	2.37	62	181427	20.94	ug/l	98
5) Bromomethane	2.78	94	106477	21.11	ug/l	95
6) Chloroethane	2.92	64	107930	20.85	ug/l	95
7) Trichlorofluoromethane	3.26	101	75308	23.54	ug/l	99
8) Diethyl Ether	3.68	74	79808	19.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145688	20.61	ug/l	98
10) Methyl Iodide	4.27	142	218141	20.57	ug/l	98
11) Tert butyl alcohol	5.20	59	36225	86.16	ug/l	100
12) 1,1-Dichloroethene	4.04	96	142561	20.04	ug/l	98
13) Acrolein	3.89	56	46468	90.21	ug/l	96
14) Allyl chloride	4.67	41	222822	20.85	ug/l	99
15) Acrylonitrile	5.37	53	167563	93.16	ug/l	99
16) Acetone	4.13	43	172259	96.06	ug/l	100
17) Carbon Disulfide	4.38	76	474193	20.74	ug/l	100
18) Methyl Acetate	4.67	43	80801	18.07	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	178881	18.44	ug/l	98
20) Methylene Chloride	4.91	84	194661	16.24	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	153899	20.08	ug/l	99
22) Diisopropyl ether	6.31	45	463697	21.11	ug/l	96
23) Vinyl Acetate	6.26	43	1214320	92.00	ug/l	99
24) 1,1-Dichloroethane	6.21	63	286351	20.37	ug/l	99
25) 2-Butanone	7.18	43	252394	87.50	ug/l	100
26) 2,2-Dichloropropane	7.17	77	146720	19.89	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	167005	20.25	ug/l	99
28) Bromochloromethane	7.51	49	127069	20.78	ug/l	100
29) Tetrahydrofuran	7.54	42	127833	85.73	ug/l	100
30) Chloroform	7.68	83	284902	20.63	ug/l	99
31) Cyclohexane	7.96	56	260779	19.39	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	214110	20.64	ug/l	99
36) 1,1-Dichloropropene	8.09	75	219256	19.78	ug/l	99
37) Ethyl Acetate	7.26	43	90003	17.33	ug/l	99
38) Carbon Tetrachloride	8.07	117	200349	20.08	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	258082	18.99	ug/l	99
40) Benzene	8.32	78	658511	20.23	ug/l	98
41) Methacrylonitrile	7.49	41	49990	17.24	ug/l	97
42) 1,2-Dichloroethane	8.40	62	176959	19.65	ug/l	100
43) Isopropyl Acetate	8.43	43	158285	17.49	ug/l	98
44) Trichloroethene	9.09	130	159754	19.97	ug/l	100
45) 1,2-Dichloropropane	9.37	63	165372	20.28	ug/l	99
46) Dibromomethane	9.46	93	81134	19.55	ug/l	99
47) Bromodichloromethane	9.65	83	190954	19.49	ug/l	98
48) Methyl methacrylate	9.44	41	76978	18.20	ug/l	99
49) 1,4-Dioxane	9.46	88	22431	354.26	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	558599	88.67	ug/l	99
52) Toluene	10.39	92	400498	20.86	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	186882	19.00	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	225377	19.66	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	116138	19.52	ug/l	100
56) Ethyl methacrylate	10.65	69	126940	17.82	ug/l	100
57) 1,3-Dichloropropane	10.93	76	200370	19.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	334835	94.31	ug/l	100
59) 2-Hexanone	10.98	43	374775	87.74	ug/l	97
60) Dibromochloromethane	11.13	129	128984	19.94	ug/l	97
61) 1,2-Dibromoethane	11.24	107	108039	19.33	ug/l	100
64) Tetrachloroethene	10.87	164	143618	20.61	ug/l	95
65) Chlorobenzene	11.66	112	442871	20.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	146240	19.51	ug/l	99
67) Ethyl Benzene	11.74	91	738216	19.78	ug/l	99
68) m/p-Xylenes	11.85	106	584471	40.53	ug/l	99
69) o-Xylene	12.17	106	267924	20.03	ug/l	100
70) Styrene	12.19	104	458477	20.29	ug/l	99
71) Bromoform	12.35	173	74583	18.10	ug/l #	100
73) Isopropylbenzene	12.47	105	726619	19.85	ug/l	100
74) N-amyl acetate	12.28	43	152452	17.18	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	141319	18.50	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92103m	16.82	ug/l	
77) Bromobenzene	12.75	156	177417	20.03	ug/l	99
78) n-propylbenzene	12.81	91	920396	20.38	ug/l	100
79) 2-Chlorotoluene	12.90	91	532536	20.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	651901	20.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38082	16.65	ug/l	94
82) 4-Chlorotoluene	12.99	91	569986	20.55	ug/l	100
83) tert-Butylbenzene	13.21	119	523530	19.99	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	667644	20.66	ug/l	100
85) sec-Butylbenzene	13.39	105	796131	20.15	ug/l	99
86) p-Isopropyltoluene	13.51	119	696409	20.34	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	369297	20.24	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	364786	20.08	ug/l	99
89) n-Butylbenzene	13.83	91	661626	19.67	ug/l	99
90) Hexachloroethane	14.10	117	123826	19.55	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	333583	20.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21318	17.07	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	221338	19.31	ug/l	99
94) Hexachlorobutadiene	15.24	225	133229	19.96	ug/l	99
95) Naphthalene	15.38	128	373314	17.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	201106	19.53	ug/l	99

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

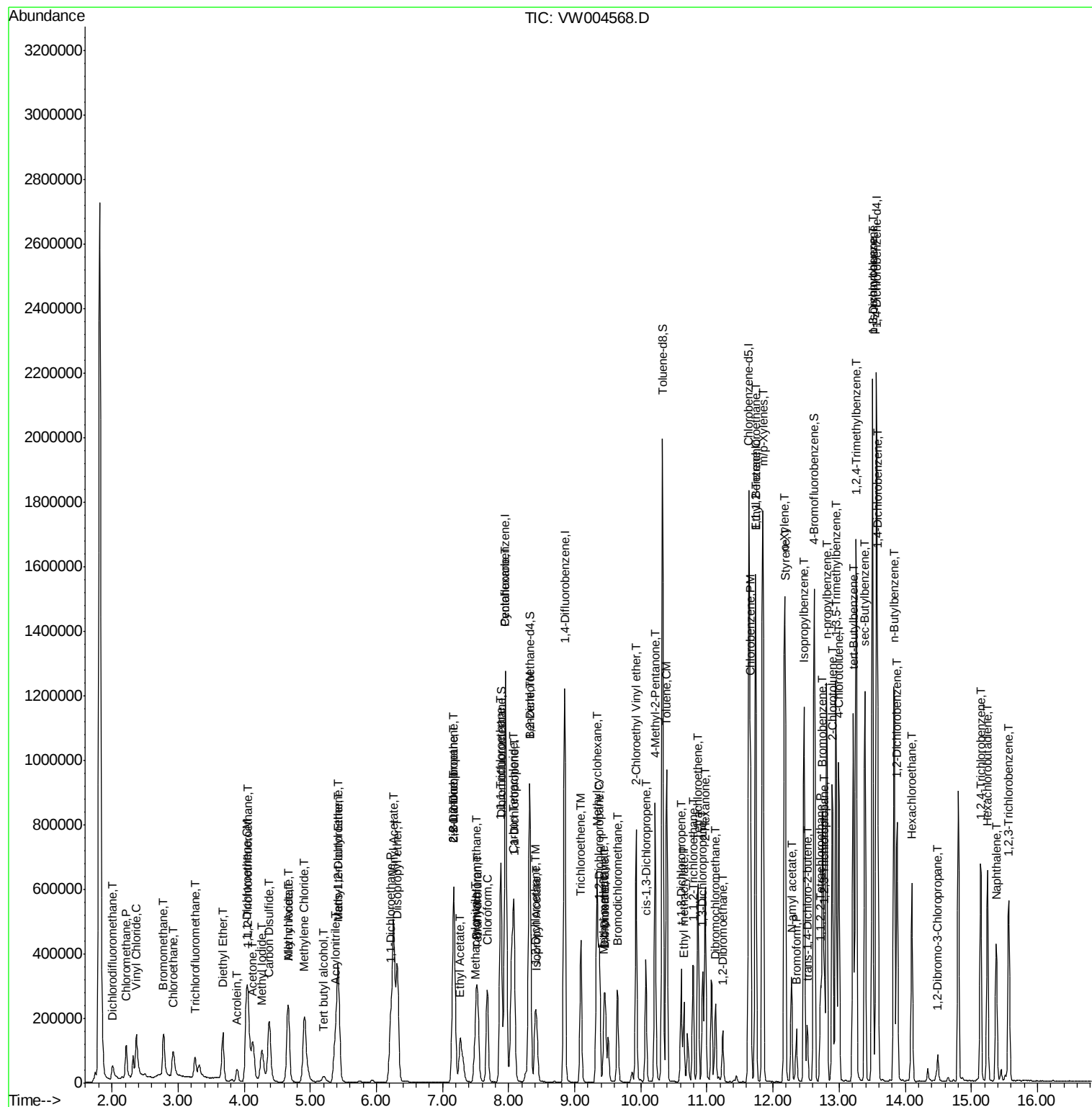
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Sample : VW0812SBS01
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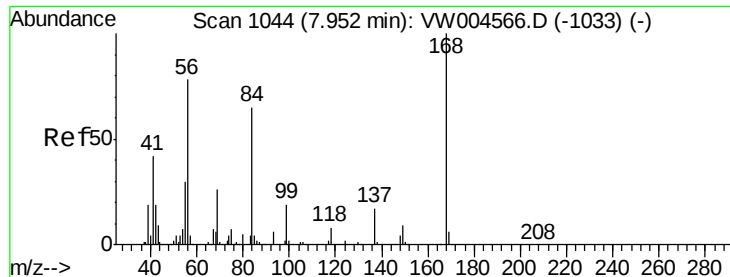
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampled :

VW0812SBS01

Tot Ion:168 Resp: 648648

Ion Ratio Lower Upper

168 100

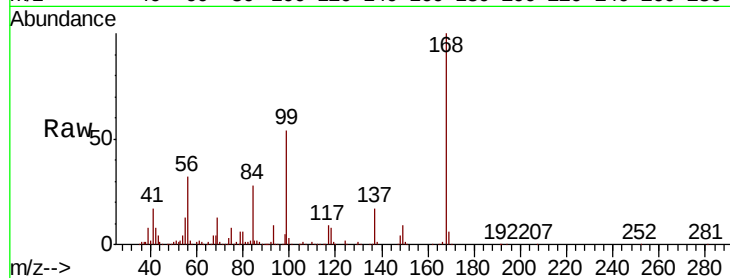
99 54.2 44.1 66.1

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

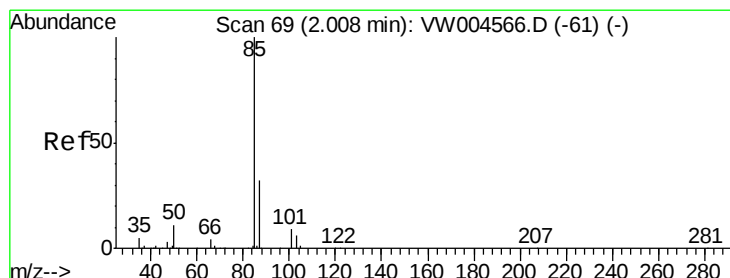
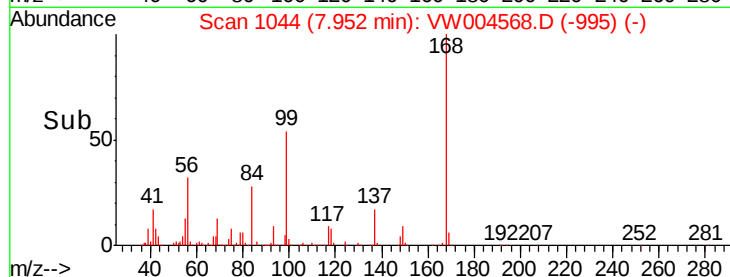
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.50 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004568.D

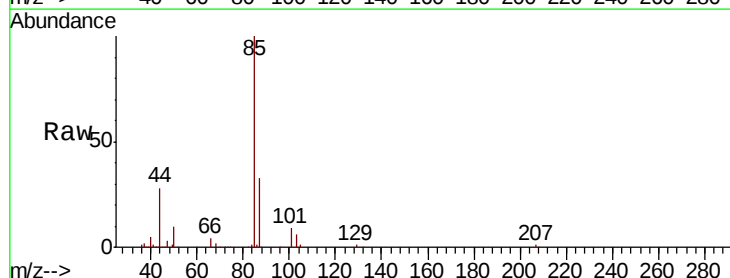
Acq: 09 Aug 2018 23:26

Tgt Ion: 85 Resp: 91258

Ion Ratio Lower Upper

85 100

87 32.7 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

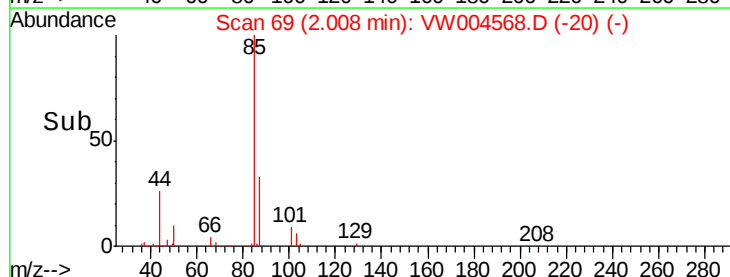
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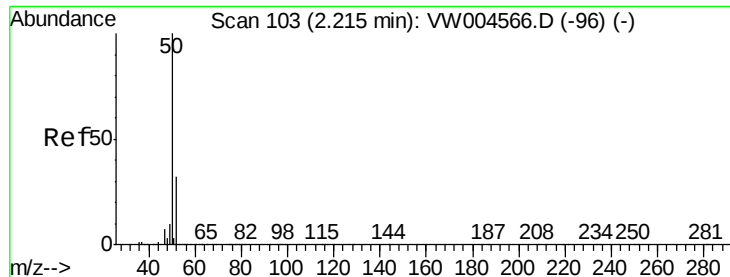
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 19.64 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion: 50 Resp: 121783

Ion Ratio Lower Upper

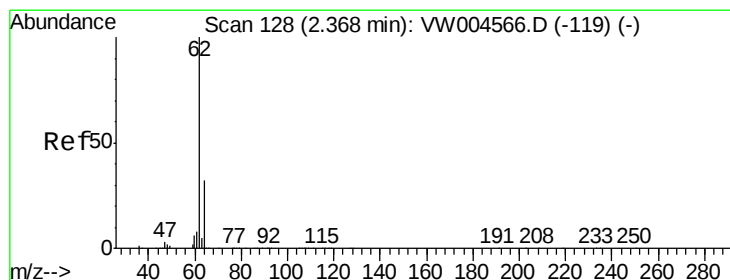
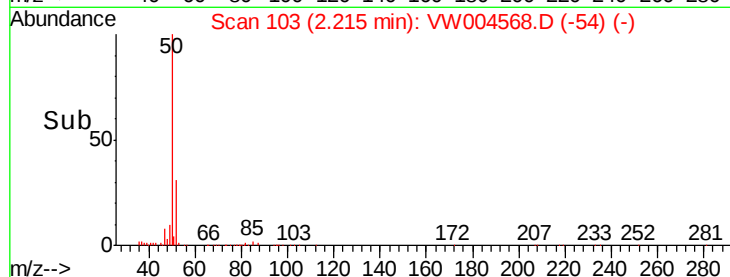
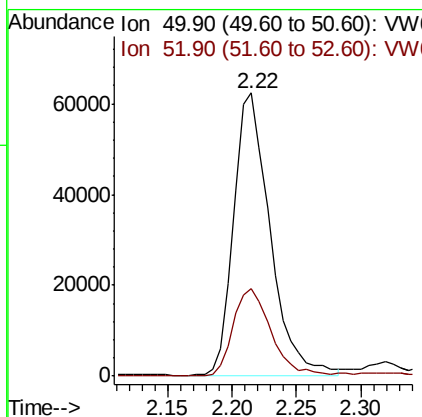
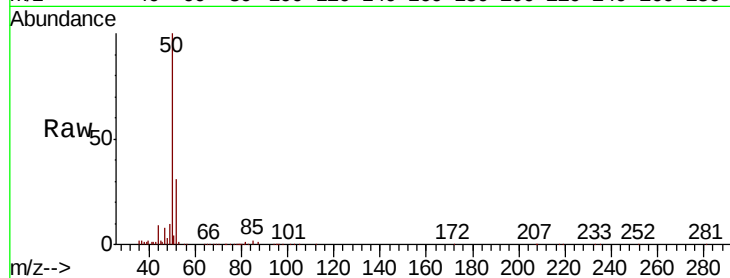
50 100

52 31.0 25.8 38.8

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#4

Vinyl Chloride

Concen: 20.94 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004568.D

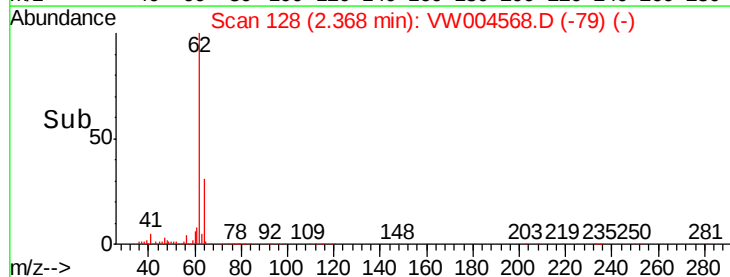
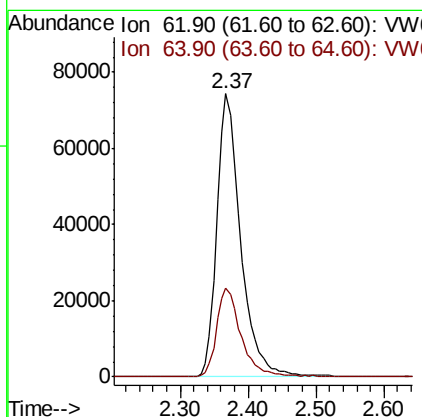
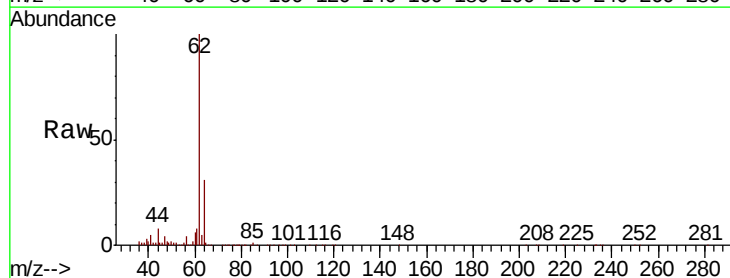
Acq: 09 Aug 2018 23:26

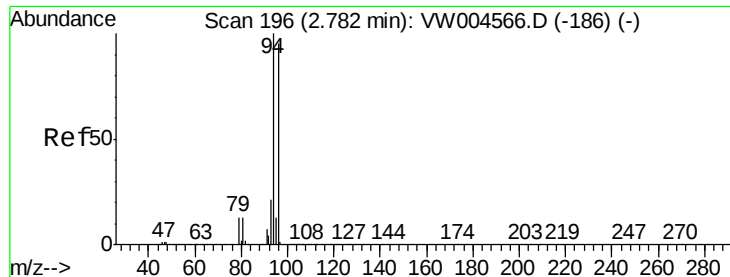
Tgt Ion: 62 Resp: 181427

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.2





#5

Bromomethane

Concen: 21.11 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion: 94 Resp: 106477

Ion Ratio Lower Upper

94 100

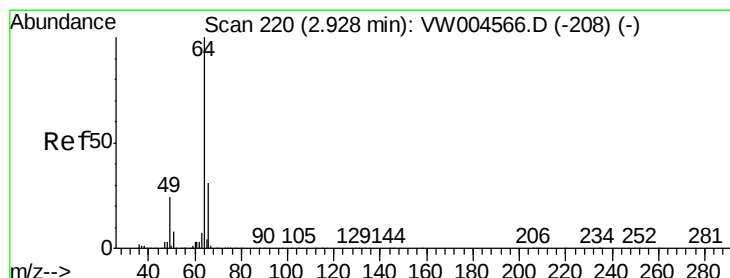
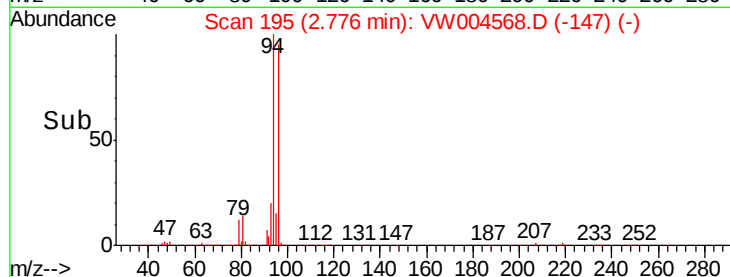
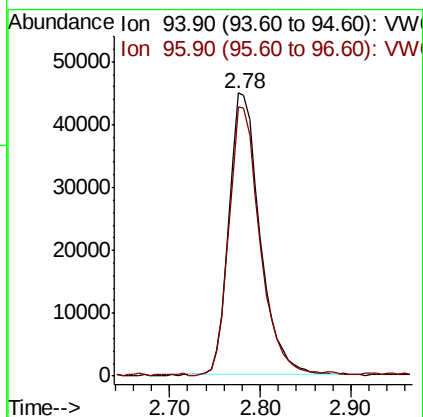
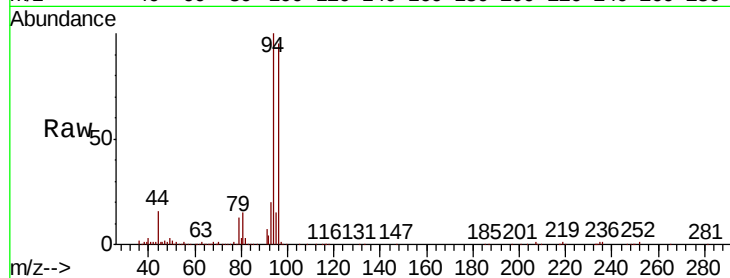
96 95.4 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 20.85 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004568.D

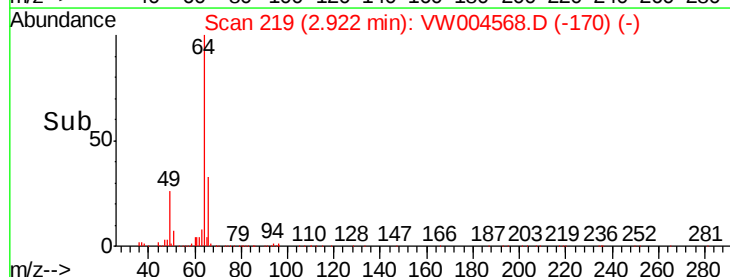
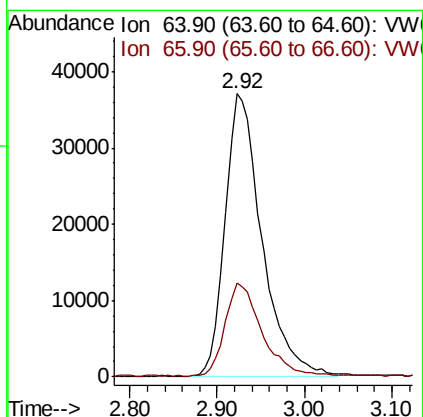
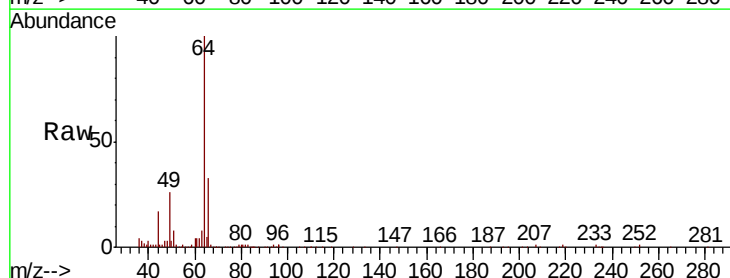
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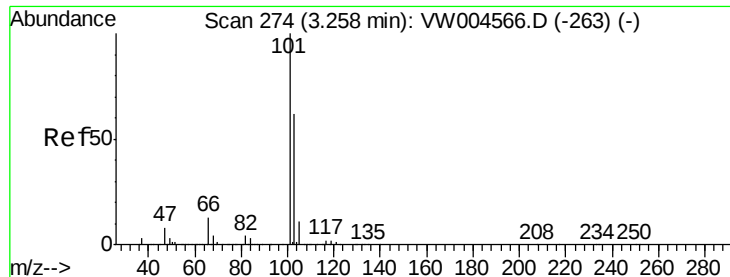
Tgt Ion: 64 Resp: 107930

Ion Ratio Lower Upper

64 100

66 33.2 24.6 36.8





#7

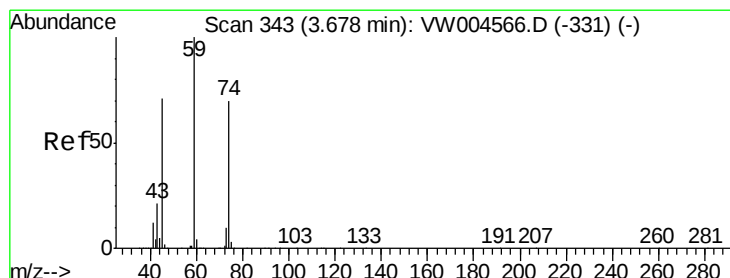
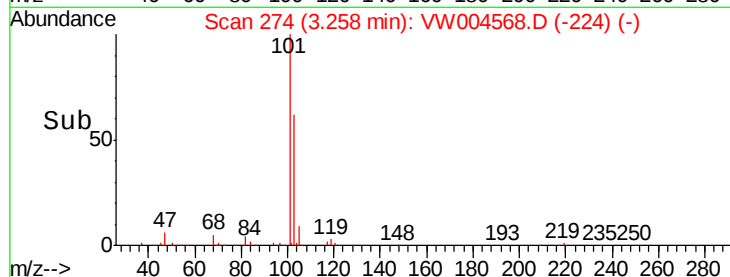
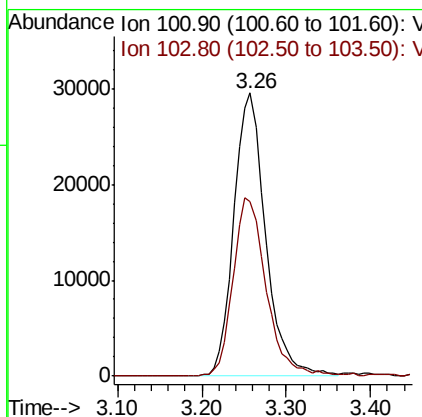
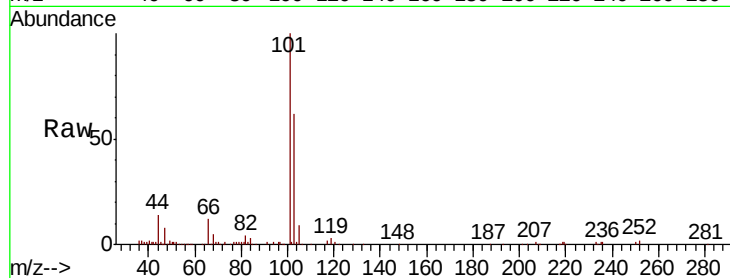
Trichlorofluoromethane
 Concen: 23.54 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
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 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	49.8	74.8

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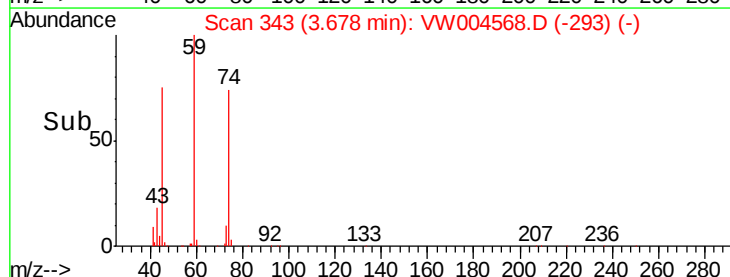
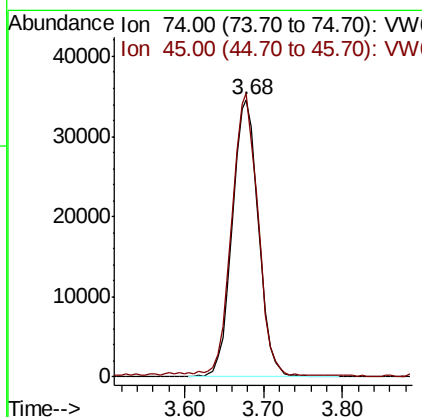
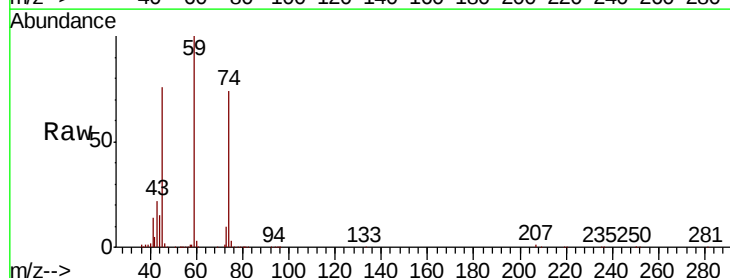
apatel
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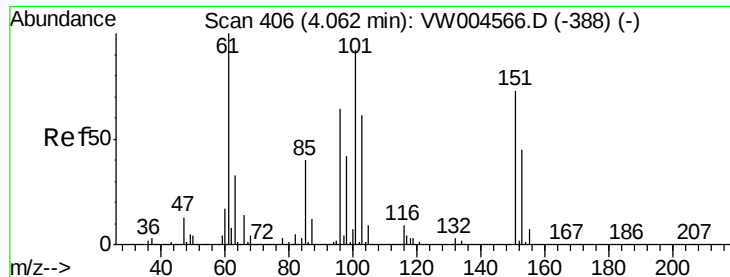


#8

Diethyl Ether
 Concen: 19.72 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.61 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

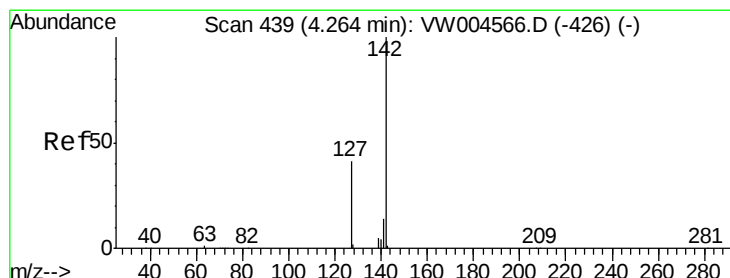
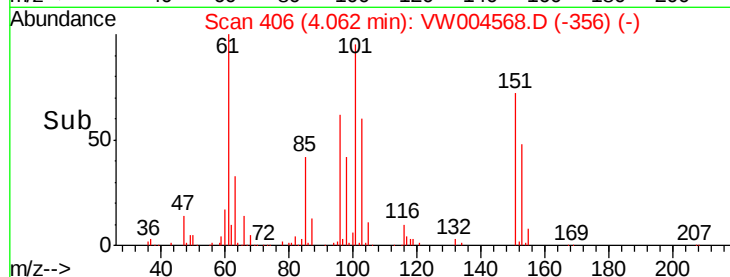
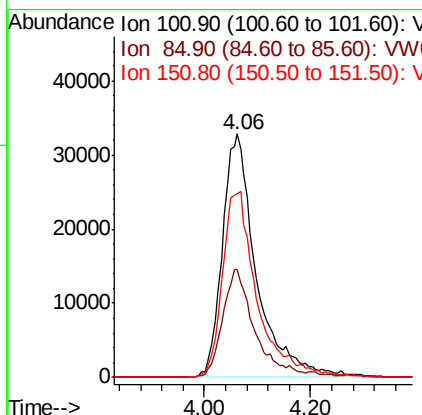
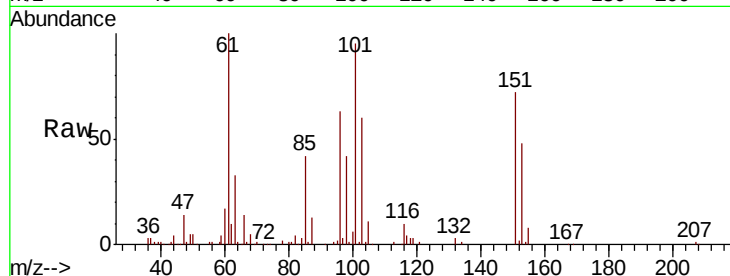
ClientSampleId :

VW0812SBS01

Tot Ion:	101	Resp:	145688
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.6	51.8
151	78.2	61.3	91.9

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#10

Methyl Iodide

Concen: 20.57 ug/l

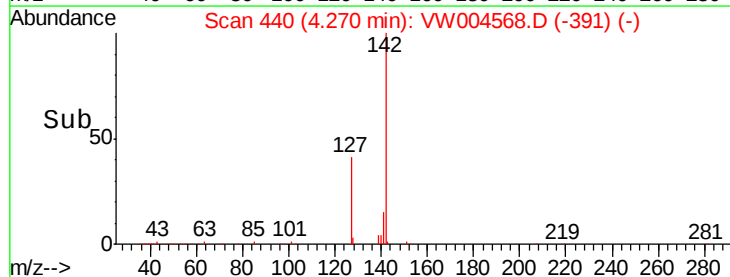
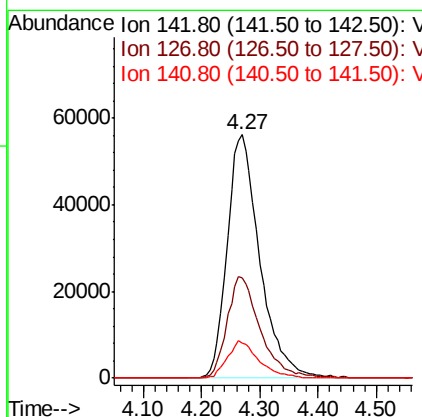
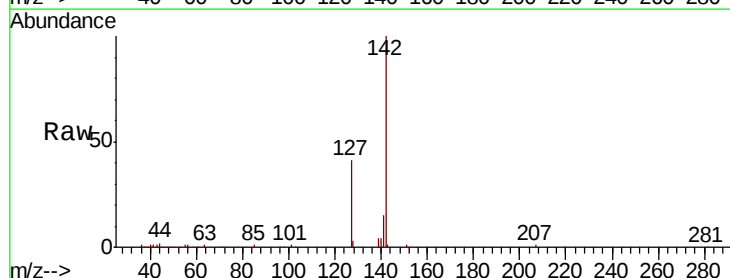
RT: 4.27 min Scan# 440

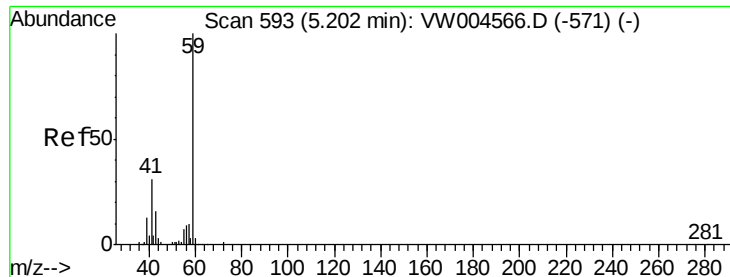
Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Tgt Ion:	142	Resp:	218141
Ion Ratio	Lower	Upper	
142	100		
127	42.5	32.7	49.1
141	14.7	11.5	17.3





#11

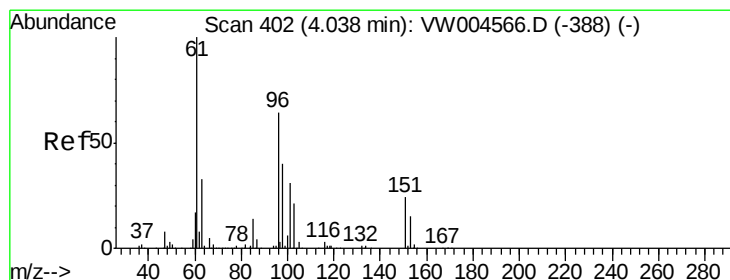
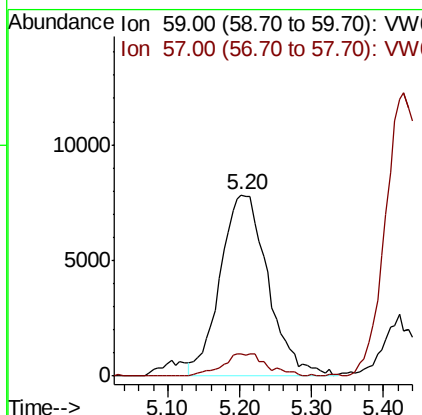
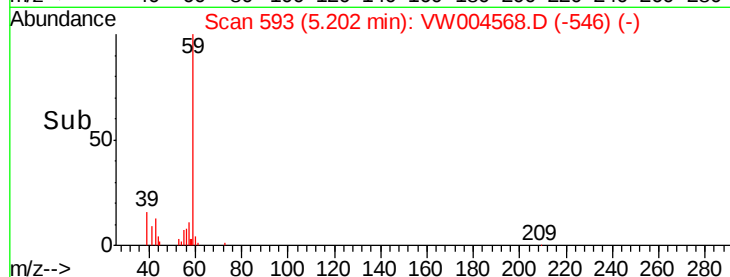
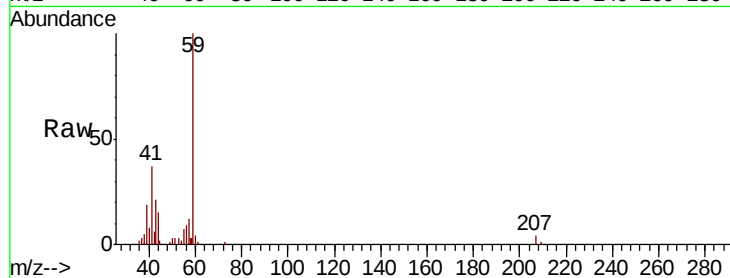
Tert butyl alcohol
Concen: 86.16 ug/l
RT: 5.20 min Scan# 593
Delta R.T. -0.01 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	9.1	13.7

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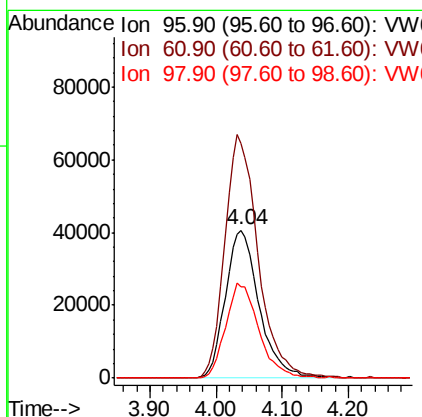
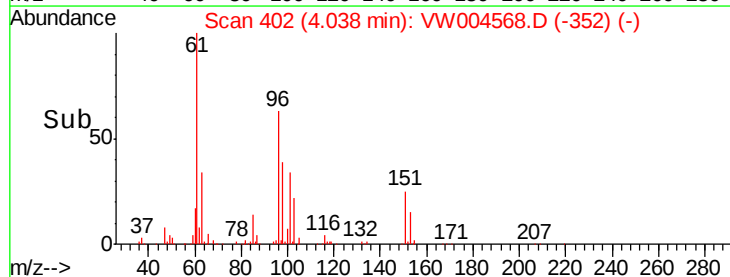
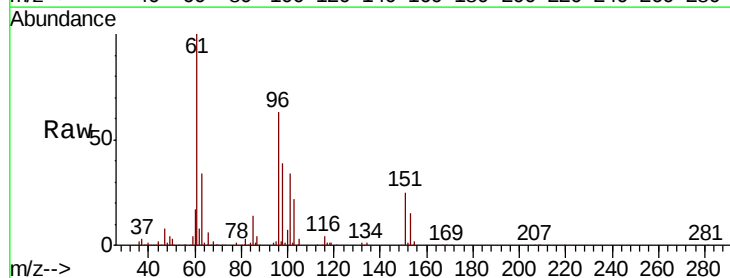
apatel
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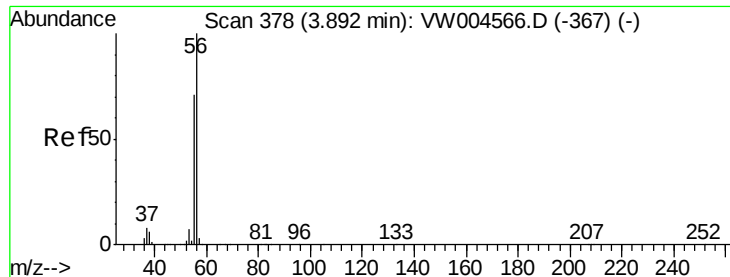


#12

1,1-Dichloroethene
Concen: 20.04 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	130.6	195.8
98	62.3	49.6	74.4





#13

Acrolein

Concen: 90.21 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion: 56 Resp: 46468

Ion Ratio Lower Upper

56 100

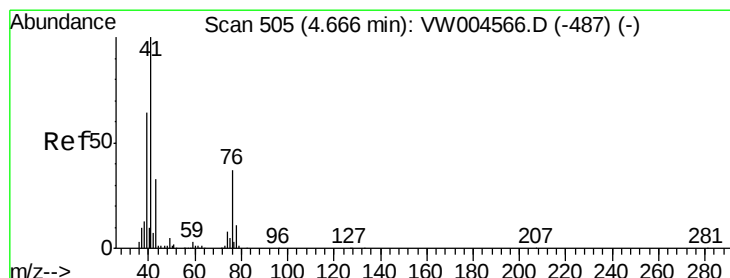
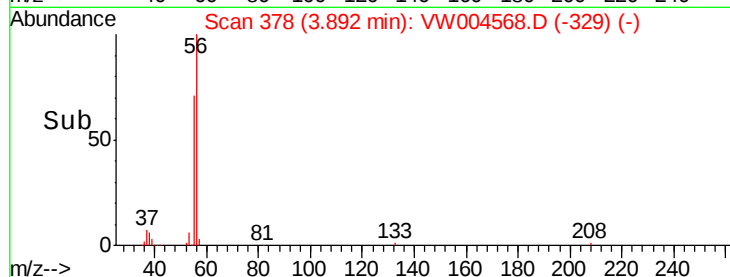
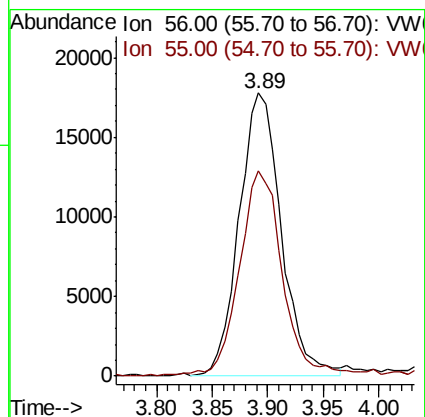
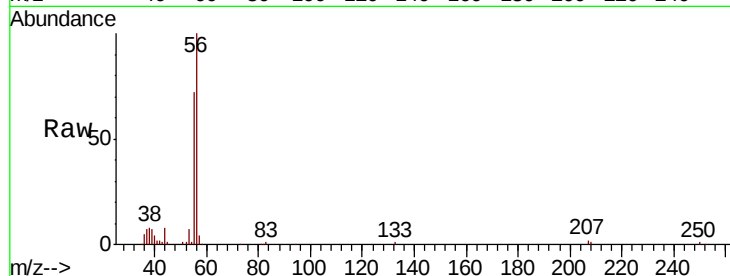
55 74.6 56.7 85.1

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#14

Allyl chloride

Concen: 20.85 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

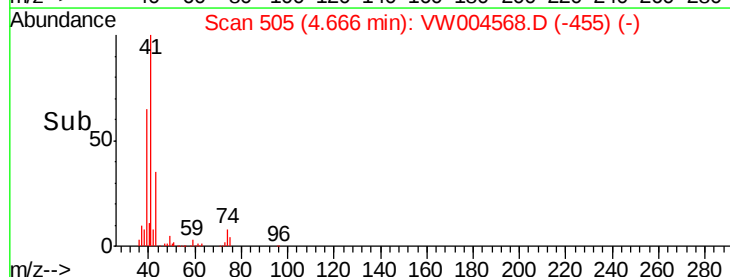
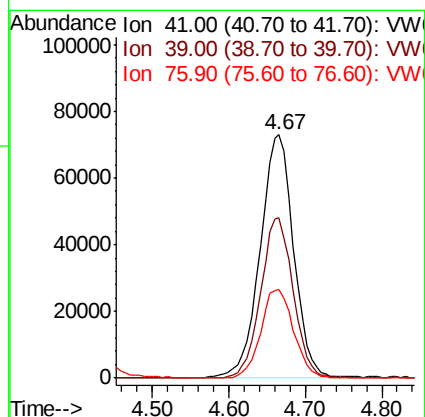
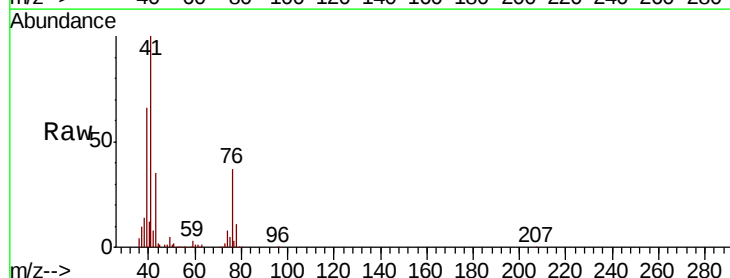
Tgt Ion: 41 Resp: 222822

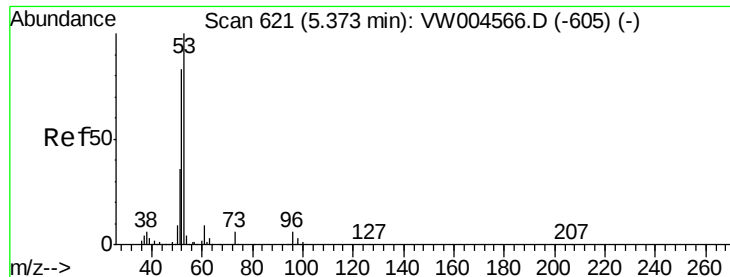
Ion Ratio Lower Upper

41 100

39 63.7 51.9 77.9

76 35.7 29.0 43.6





#15

Acrylonitrile

Concen: 93.16 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

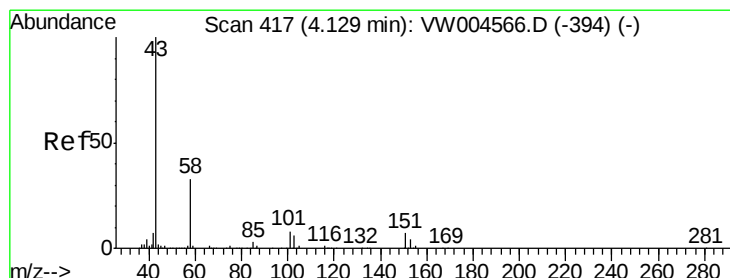
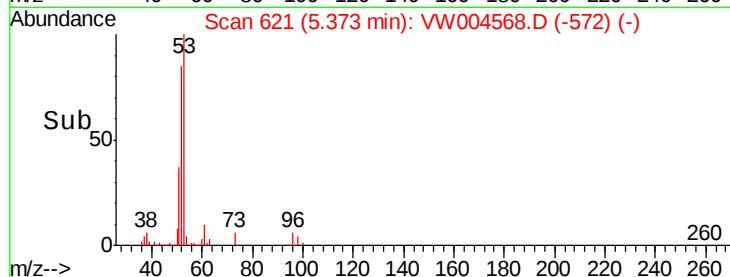
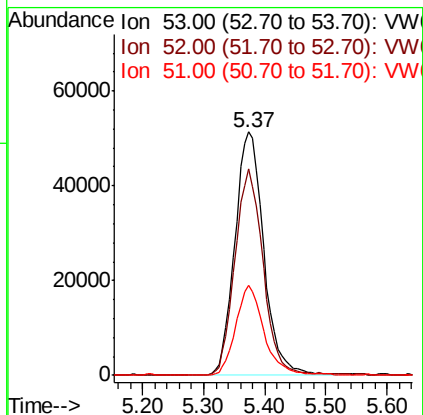
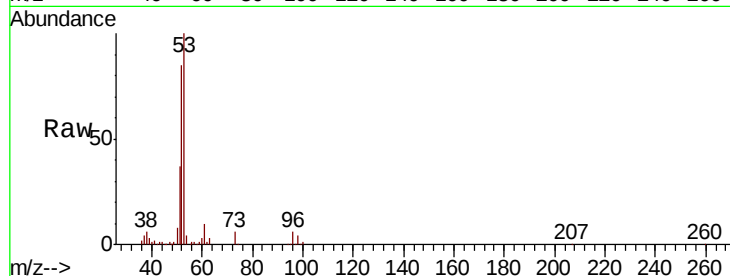
ClientSampleId :

VW0812SBS01

Tot Ion:	53	Resp:	167563
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.5	99.7
51	36.4	28.4	42.6

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#16

Acetone

Concen: 96.06 ug/l

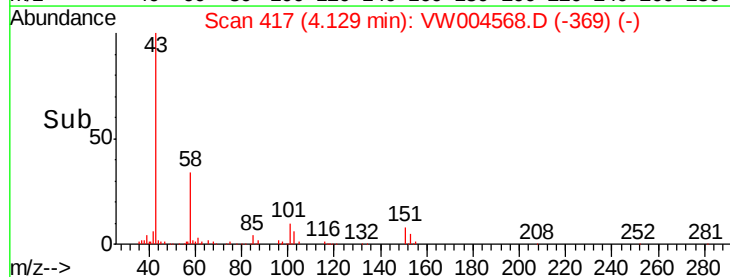
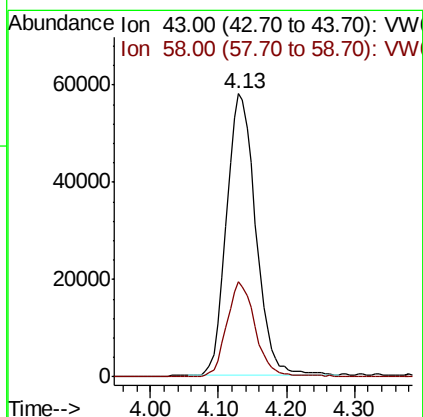
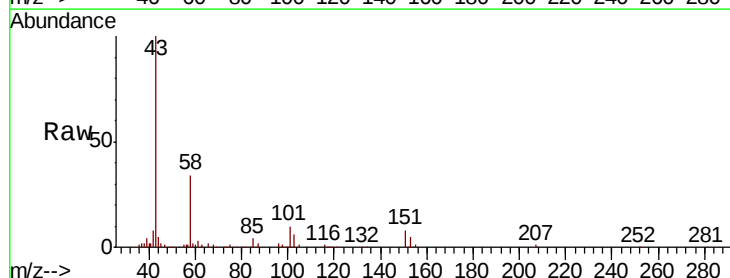
RT: 4.13 min Scan# 417

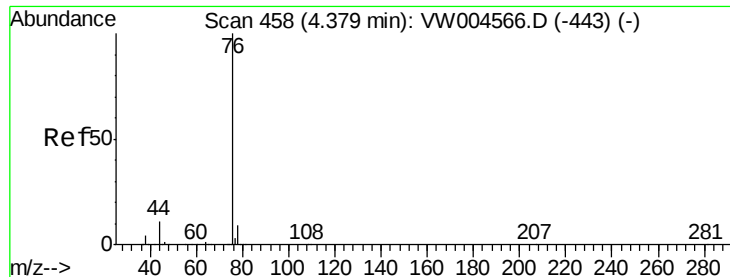
Delta R.T. -0.01 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Tgt Ion:	43	Resp:	172259
Ion Ratio	Lower	Upper	
43	100		
58	33.5	26.8	40.2





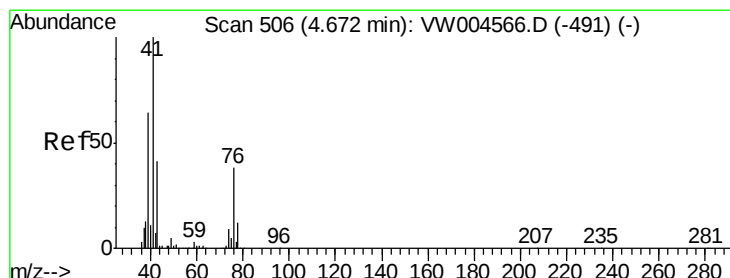
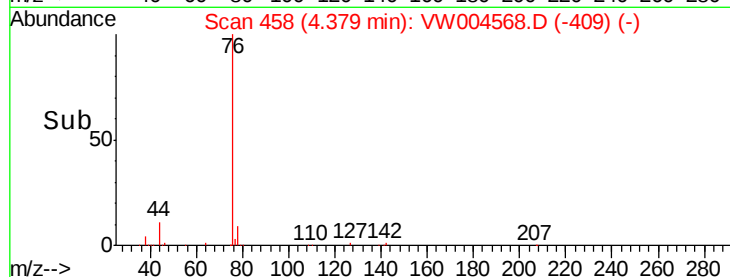
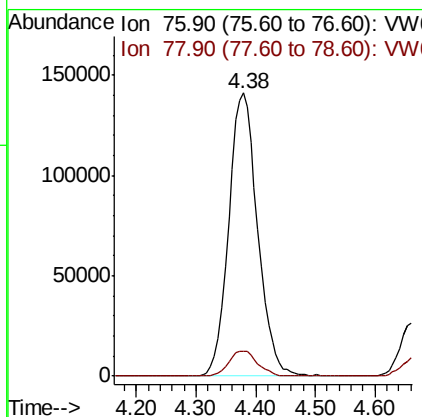
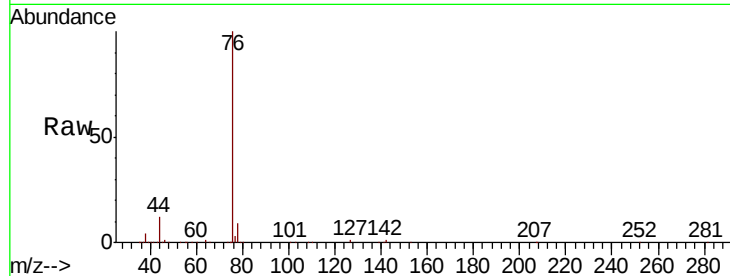
#17
Carbon Disulfide
Concen: 20.74 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.4

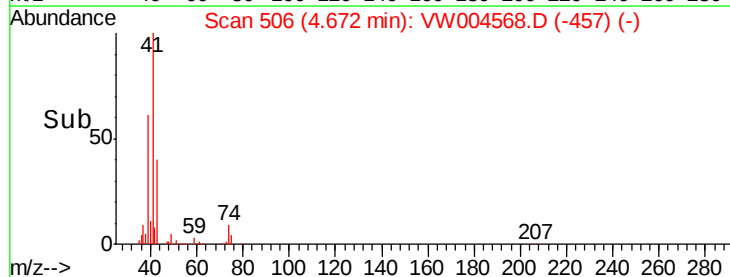
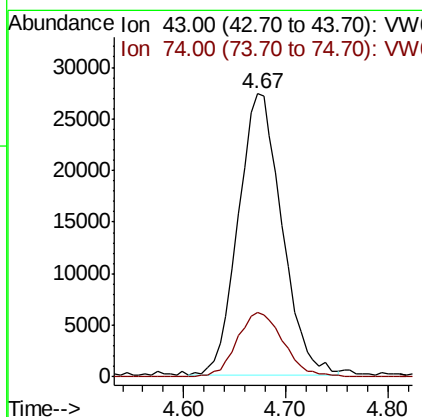
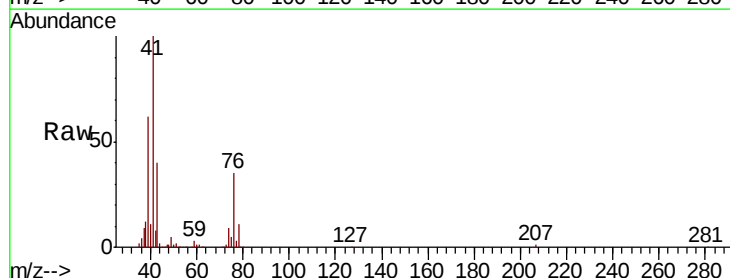
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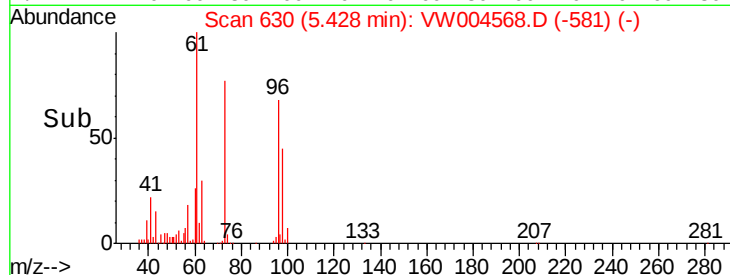
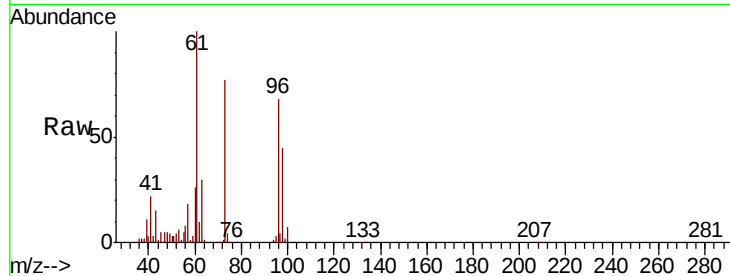
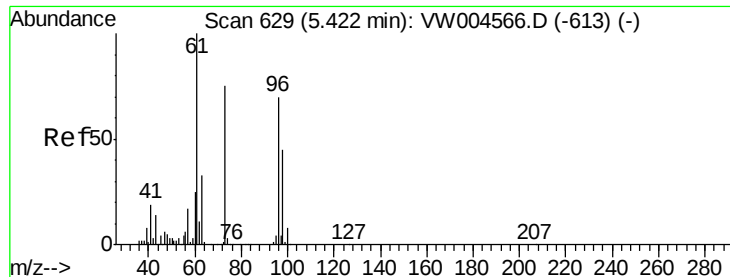
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#18
Methyl Acetate
Concen: 18.07 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.1	28.7





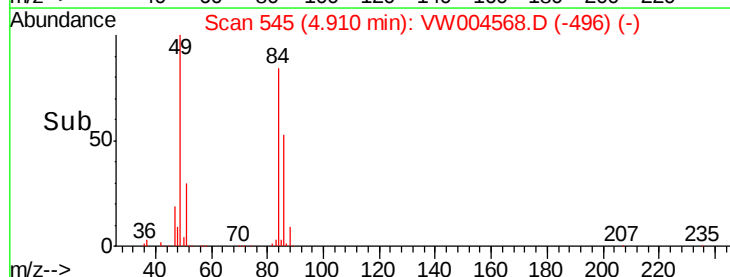
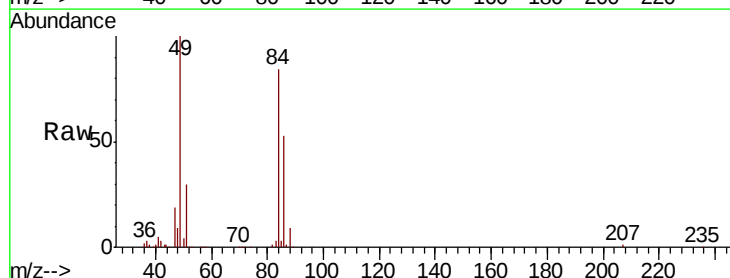
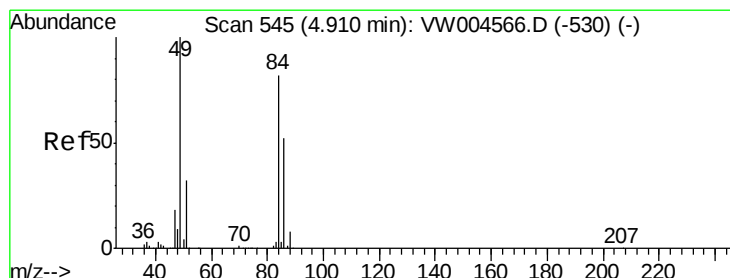
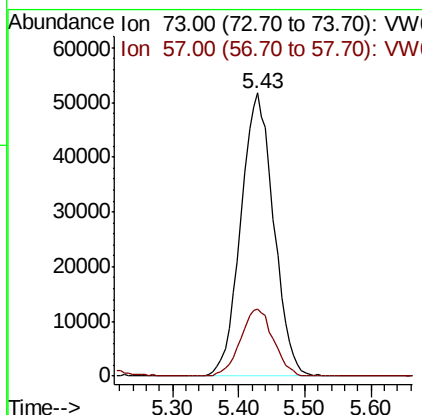
#19
Methyl tert-butyl Ether
Concen: 18.44 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tot Ion	73	Resp	178881
Ion	Ratio	Lower	Upper
73	100		
57	23.7	19.6	29.4

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

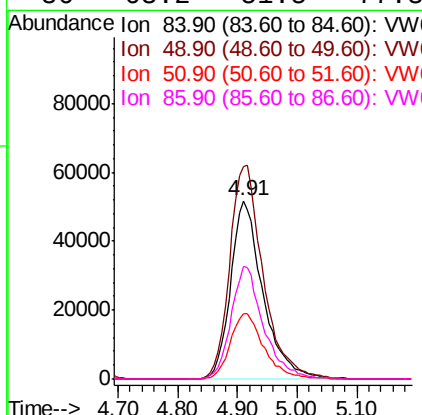
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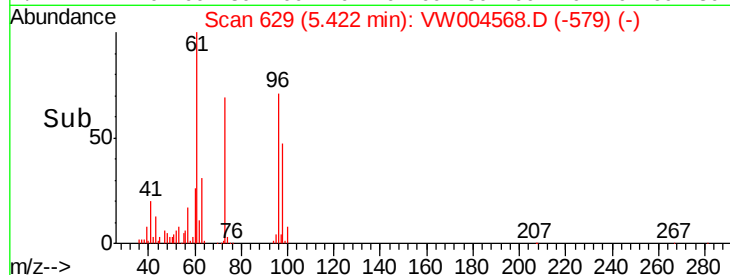
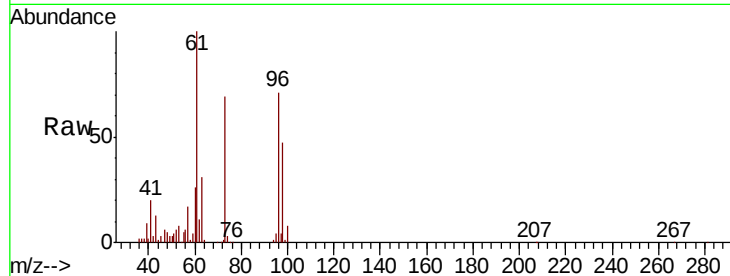
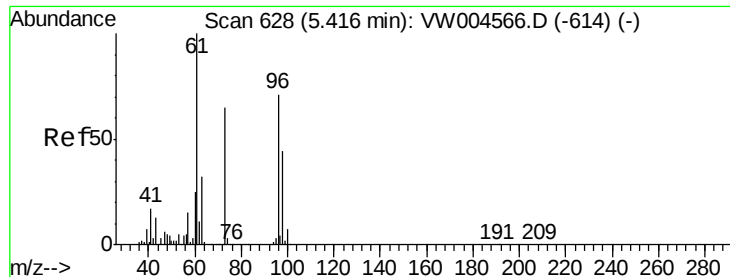
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#20
Methylene Chloride
Concen: 16.24 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	84	Resp	194661
Ion	Ratio	Lower	Upper
84	100		
49	119.5	99.6	149.4
51	36.2	31.0	46.4
86	63.2	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 20.08 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004568.D

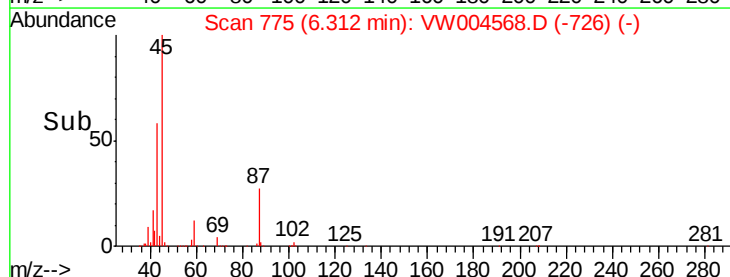
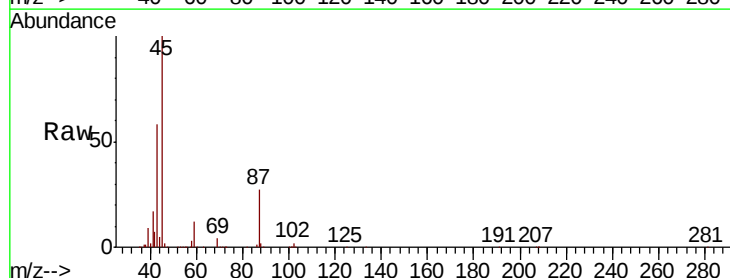
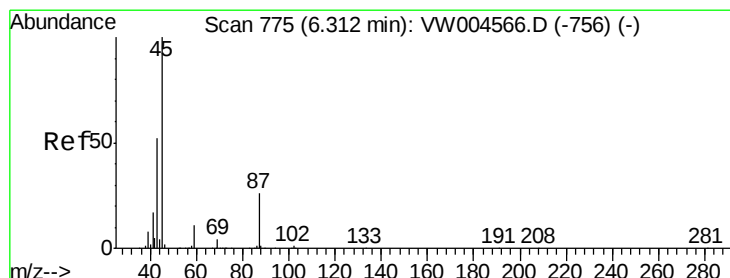
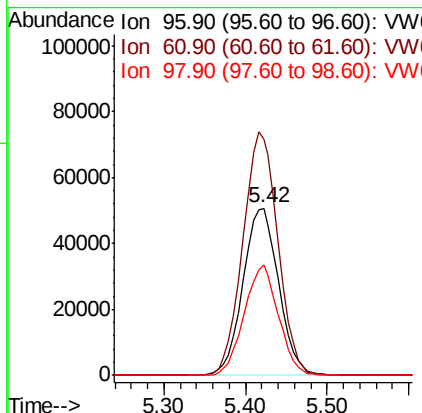
Acq: 09 Aug 2018 23:26

Tot Ion:	96	Resp:	153899
Ion	Ratio	Lower	Upper
96	100		
61	141.4	114.1	171.1
98	65.9	51.4	77.2

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

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#22

Diisopropyl ether

Concen: 21.11 ug/l

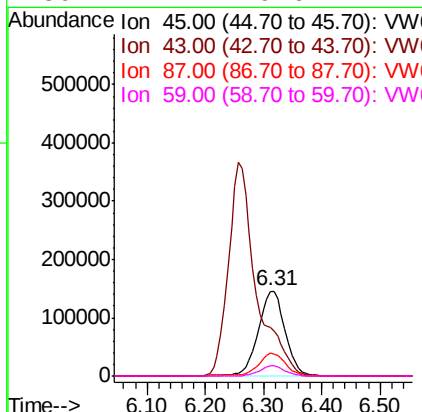
RT: 6.31 min Scan# 775

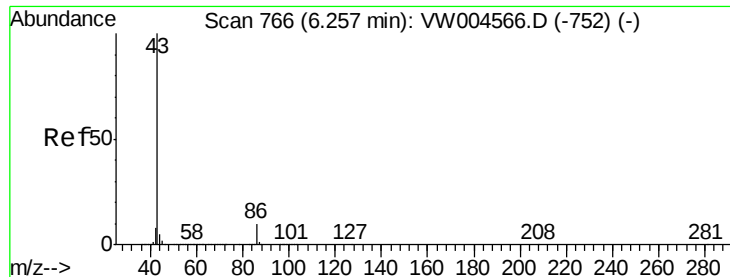
Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Tgt Ion:	45	Resp:	463697
Ion	Ratio	Lower	Upper
45	100		
43	57.5	42.4	63.6
87	26.8	21.6	32.4
59	11.7	9.6	14.4





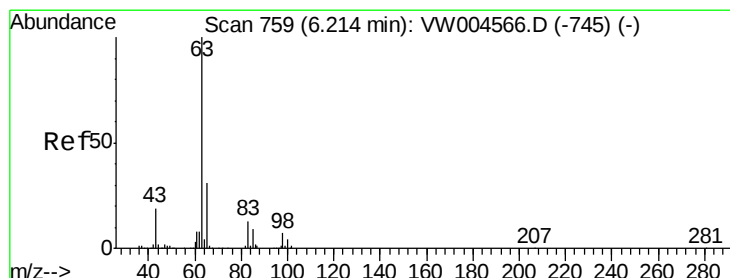
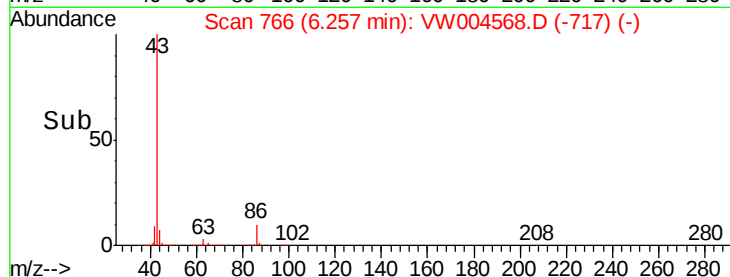
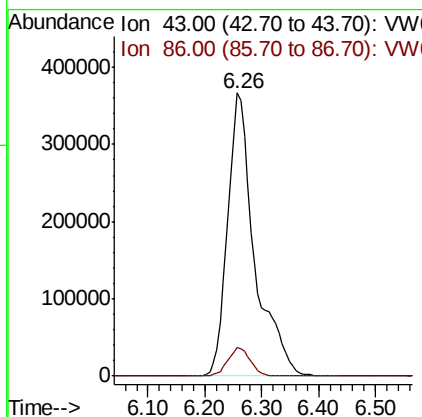
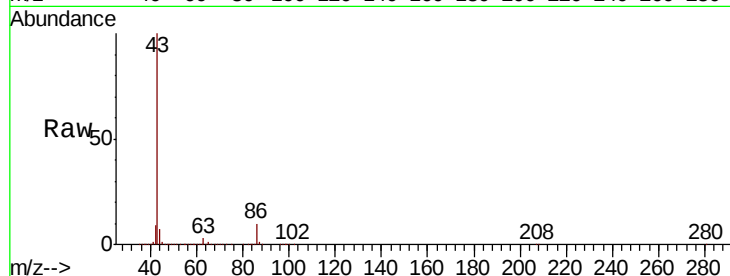
#23
 Vinyl Acetate
 Concen: 92.00 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.9	11.9

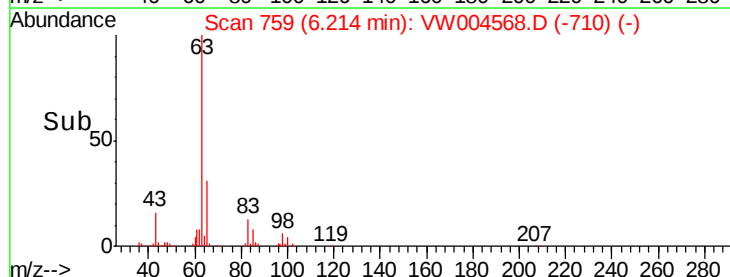
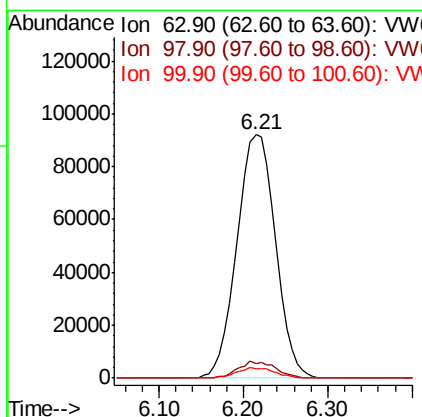
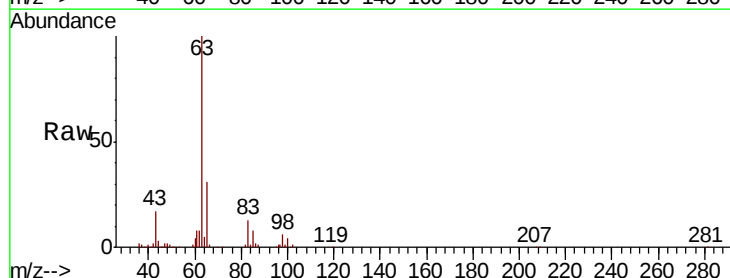
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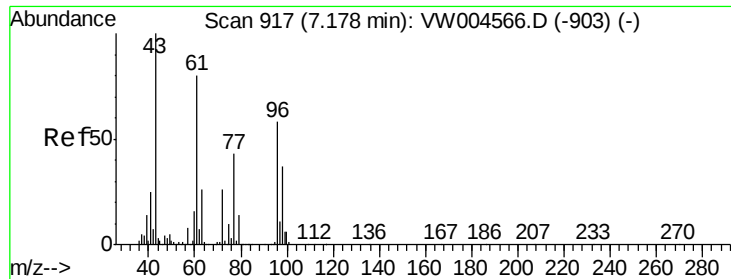
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#24
 1,1-Dichloroethane
 Concen: 20.37 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.1	9.3
100	3.8	2.1	6.5





#25

2-Butanone

Concen: 87.50 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampled :

VW0812SBS01

Tot Ion: 43 Resp: 252394

Ion Ratio Lower Upper

43 100

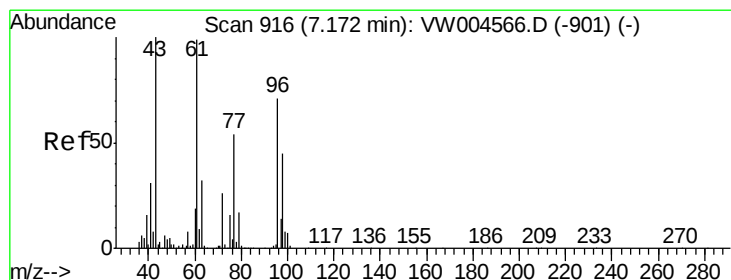
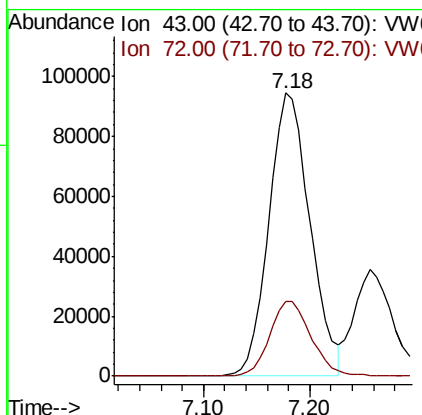
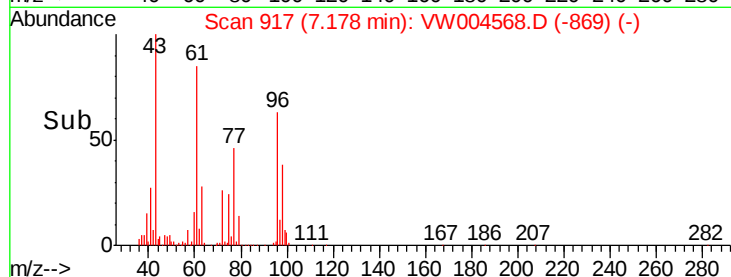
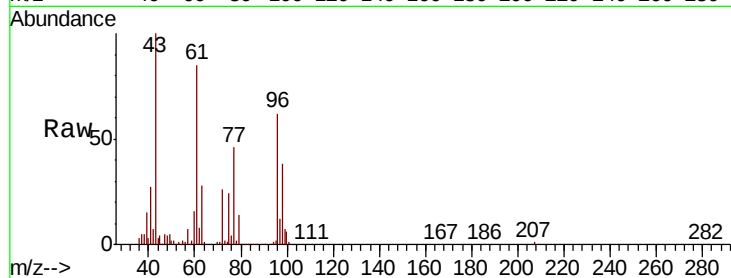
72 26.4 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.89 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004568.D

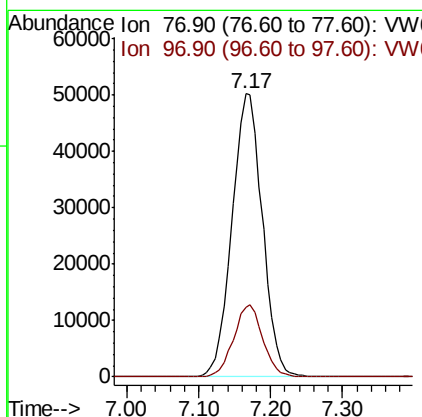
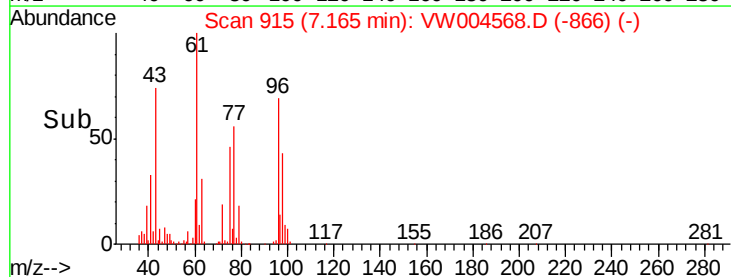
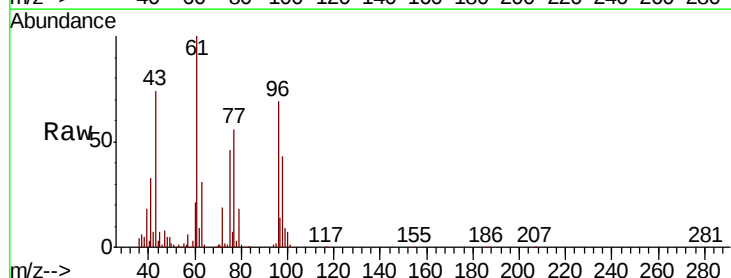
Acq: 09 Aug 2018 23:26

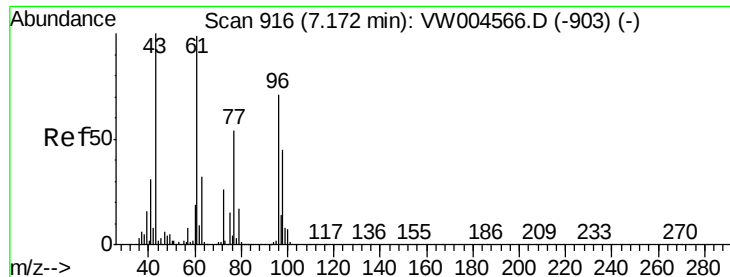
Tgt Ion: 77 Resp: 146720

Ion Ratio Lower Upper

77 100

97 24.5 12.5 37.5





#27

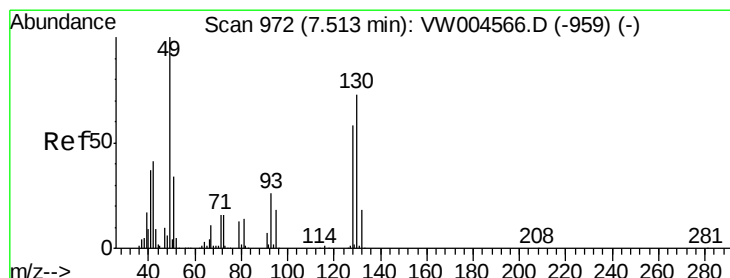
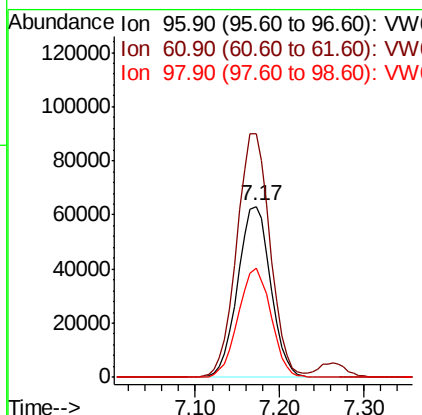
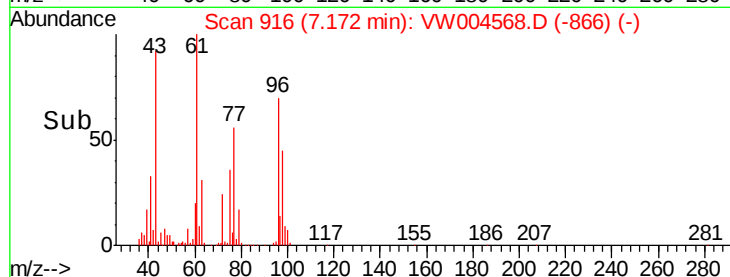
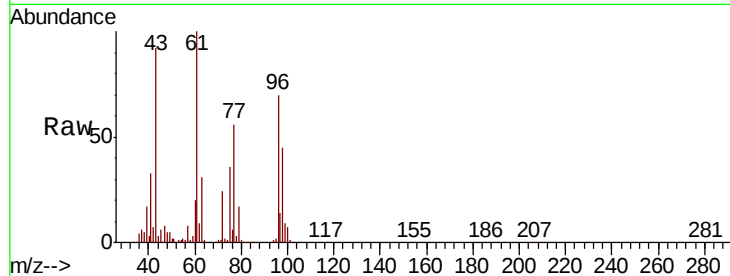
cis-1,2-Dichloroethene
 Concen: 20.25 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	167005		
61	143.8	0.0	285.0	
98	63.7	0.0	128.6	

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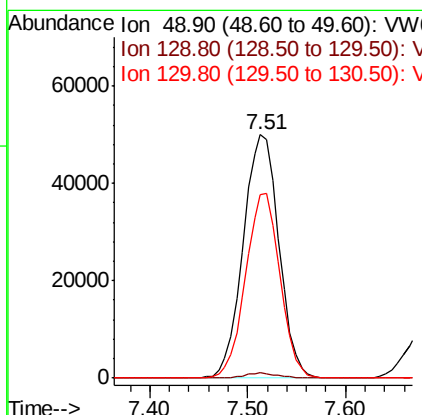
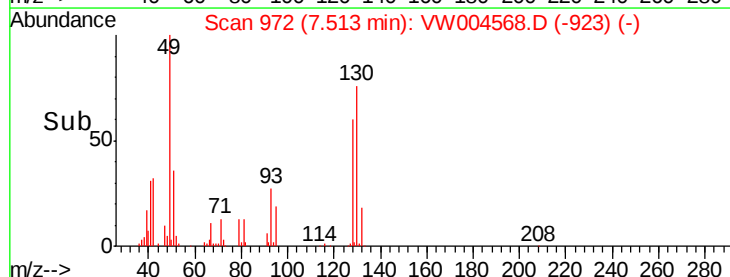
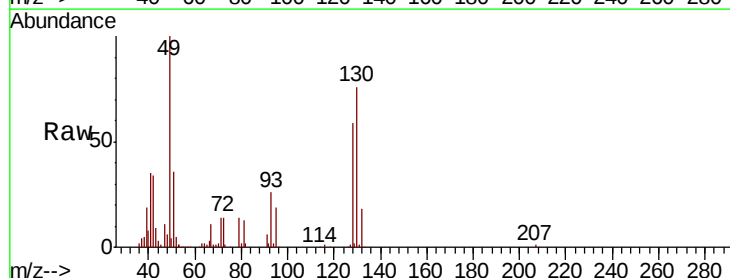
apatel
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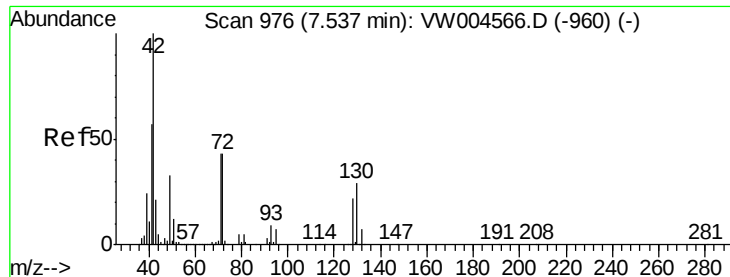


#28

Bromochloromethane
 Concen: 20.78 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	127069		
129	1.9	0.0	4.0	
130	73.3	58.8	88.2	





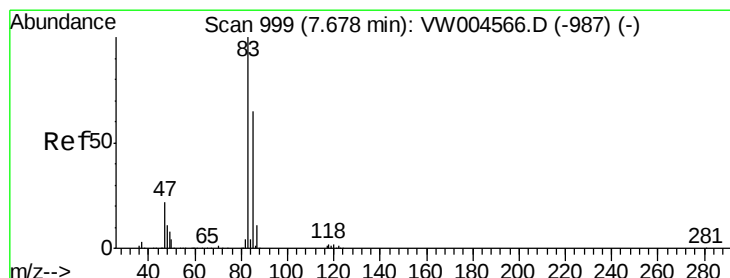
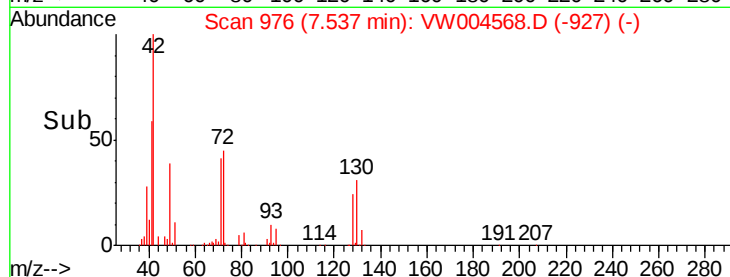
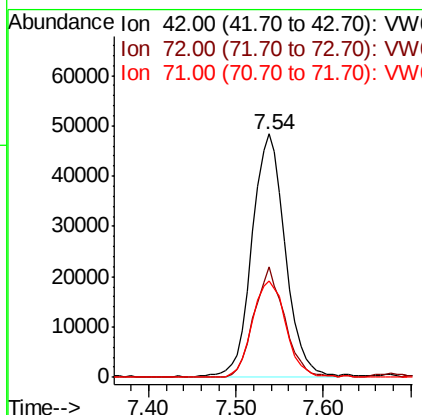
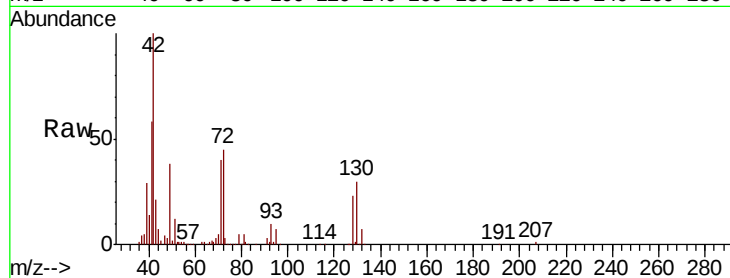
#29
Tetrahydrofuran
Concen: 85.73 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.1	51.1
71	40.2	32.5	48.7

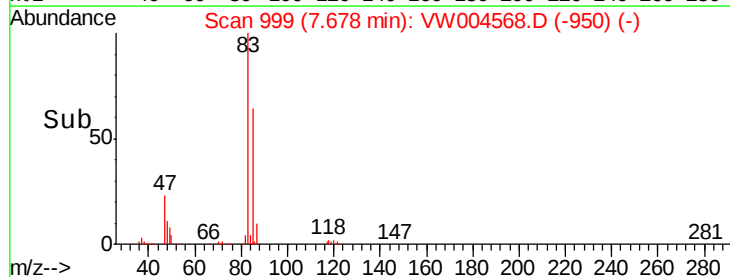
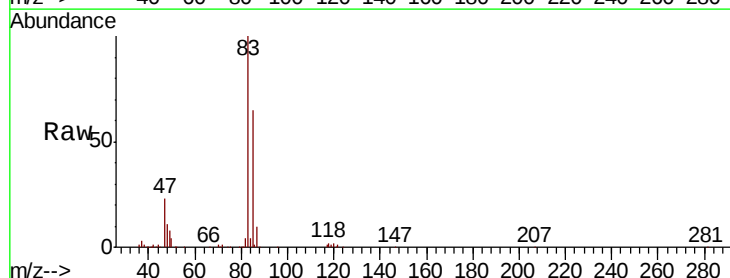
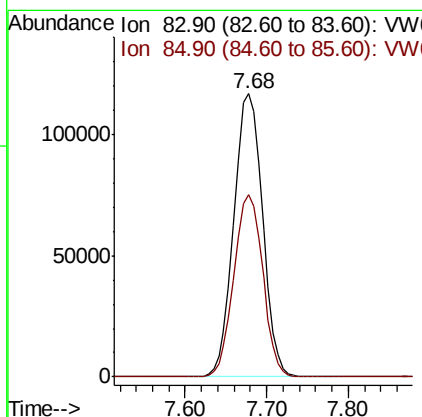
Manual Integrations
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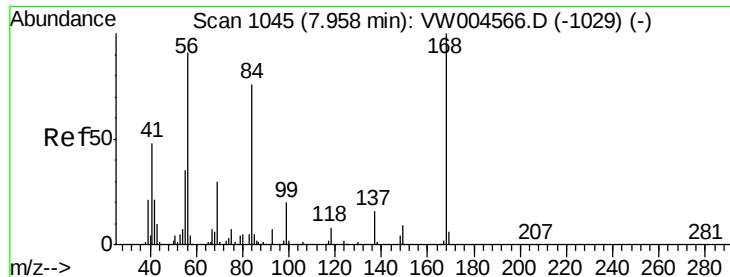
apatel
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#30
Chloroform
Concen: 20.63 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.3	76.9





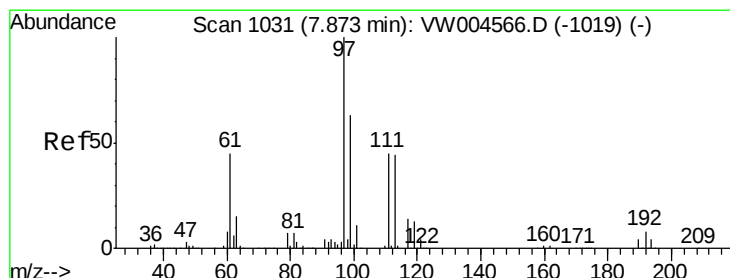
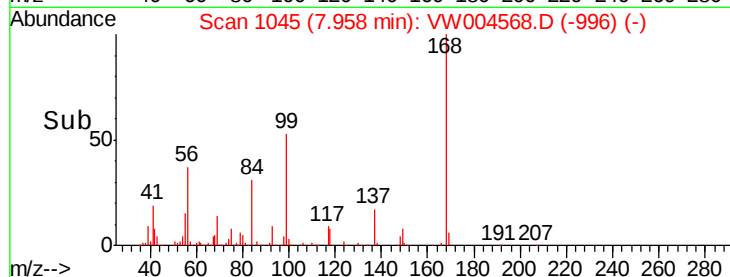
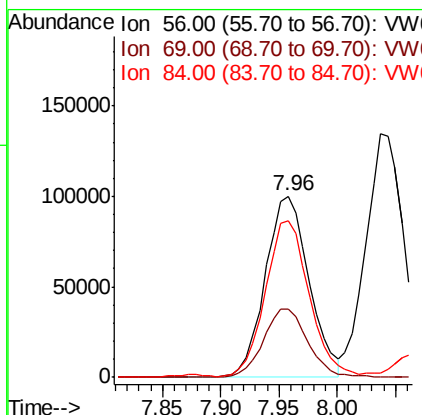
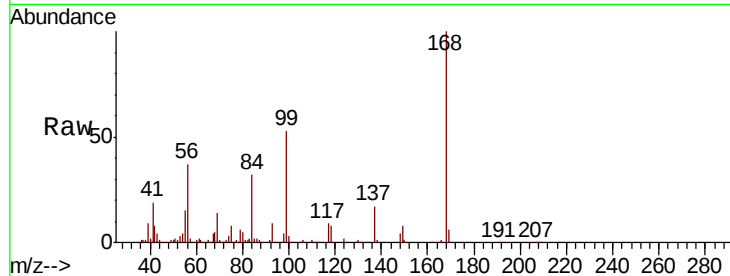
#31
Cyclohexane
Concen: 19.39 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.3	26.4	39.6
84	84.6	66.9	100.3

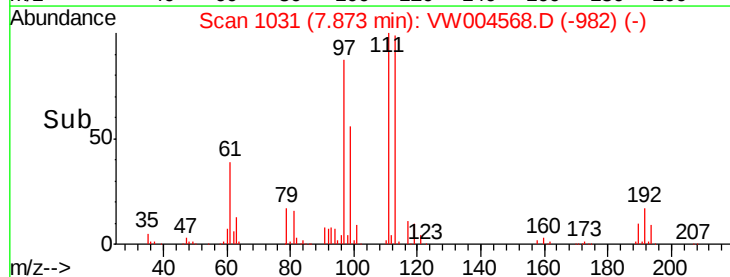
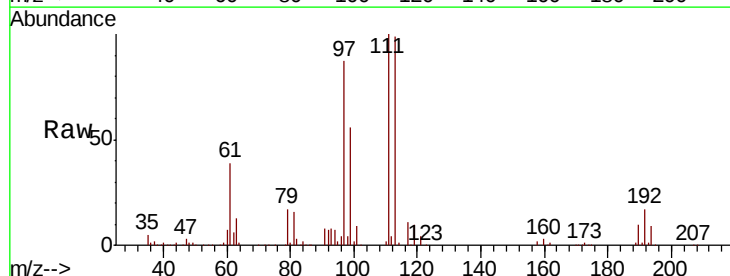
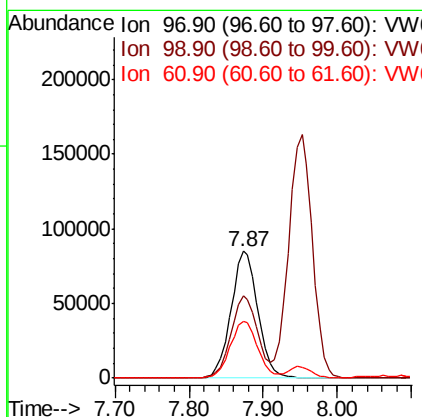
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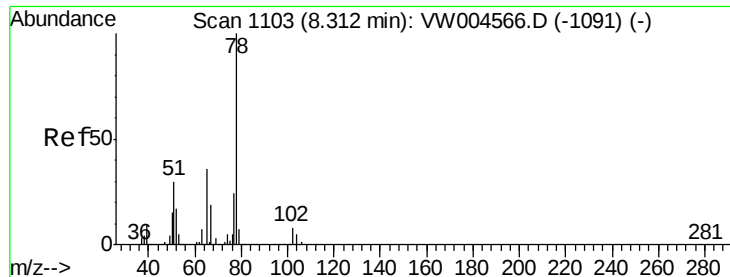
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.64 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	46.1	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 49.17 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion: 65 Resp: 353037

Ion Ratio Lower Upper

65 100

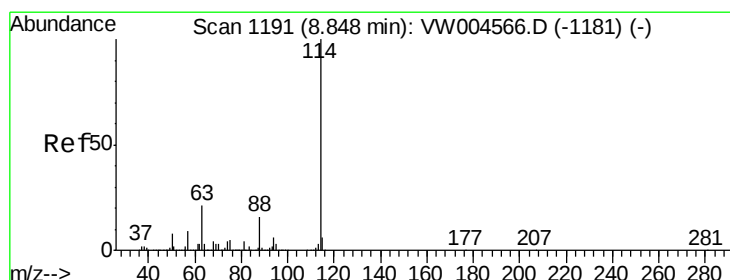
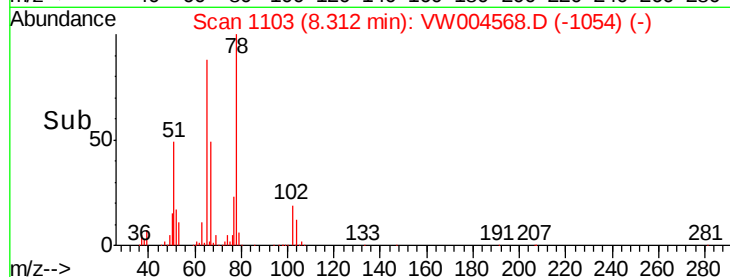
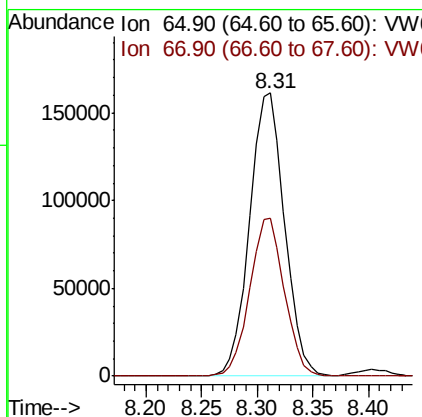
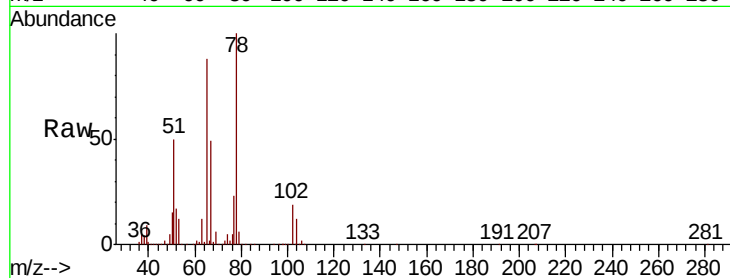
67 55.2 0.0 109.0

Manual Integrations

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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: VW004568.D

Acq: 09 Aug 2018 23:26

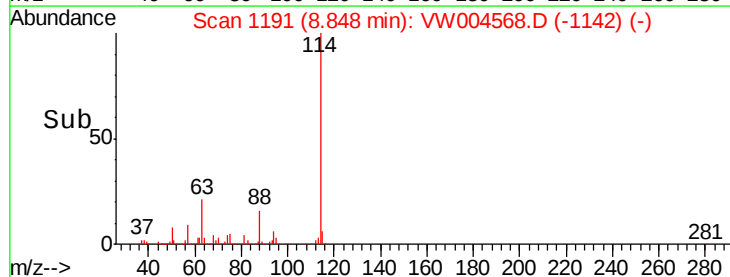
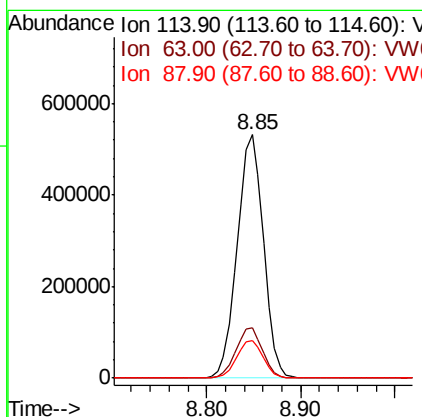
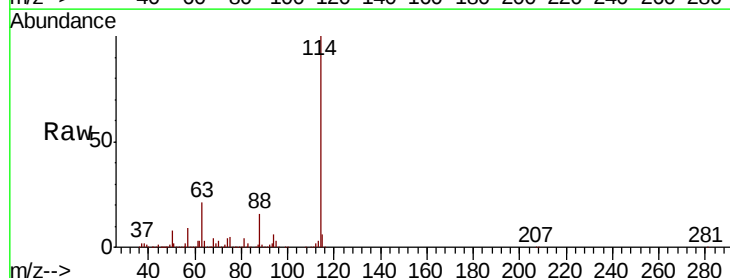
Tgt Ion: 114 Resp: 1029605

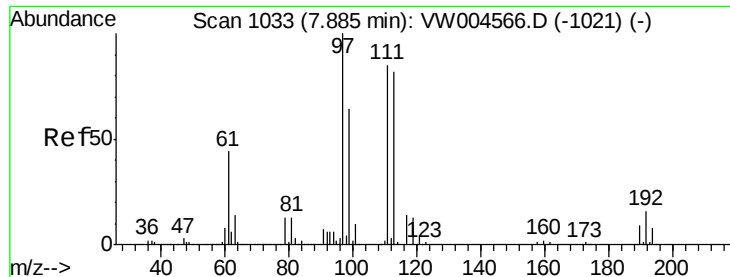
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.7 0.0 31.2





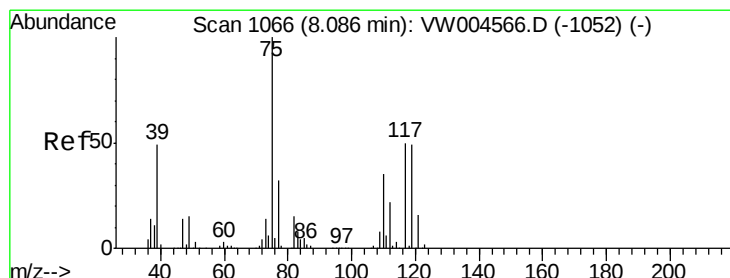
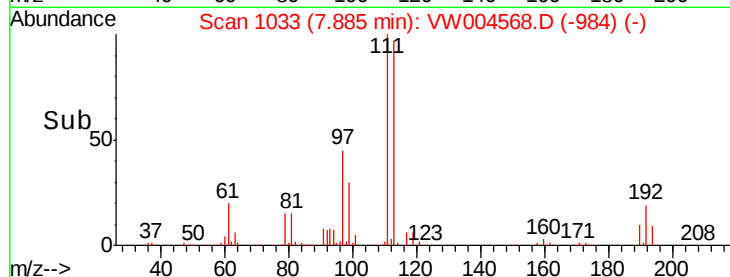
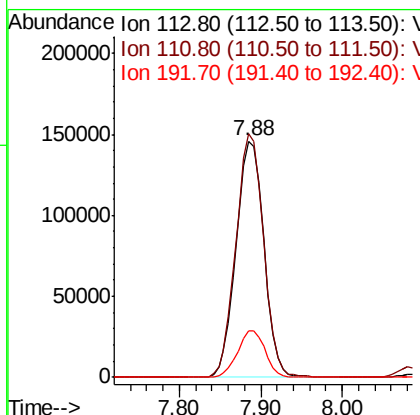
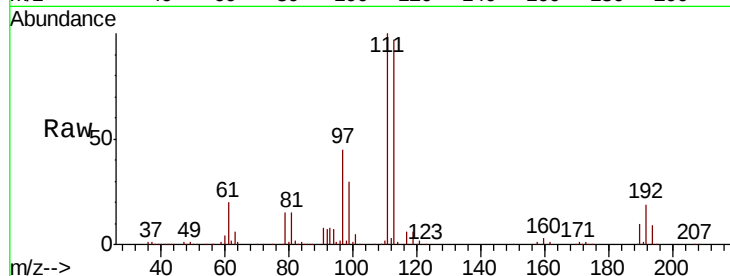
#35
 Dibromofluoromethane
 Concen: 50.24 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	344929		
111	102.3	82.9	124.3	
192	19.8	15.8	23.6	

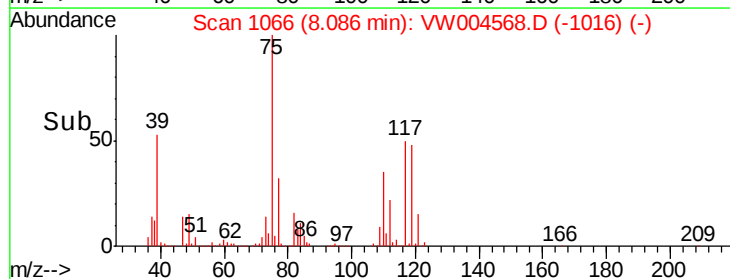
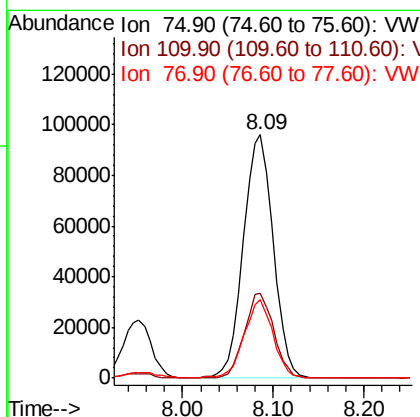
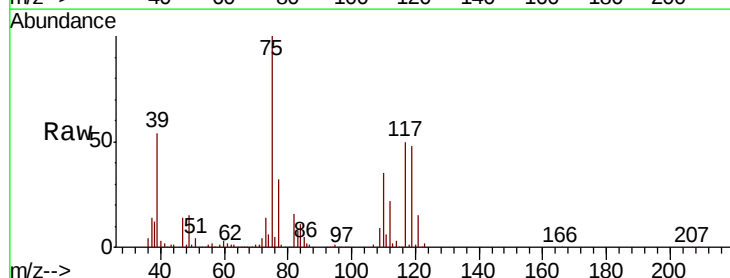
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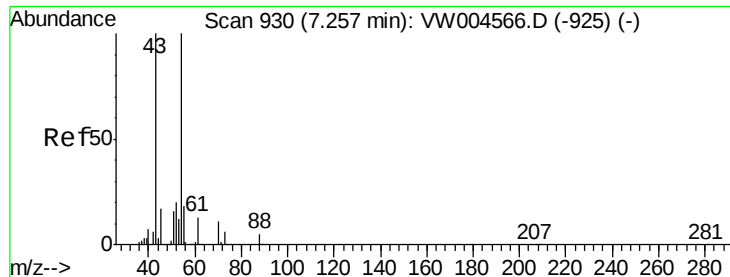
apatel
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#36
 1,1-Dichloropropene
 Concen: 19.78 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	219256		
110	34.1	17.4	52.2	
77	31.4	24.7	37.1	





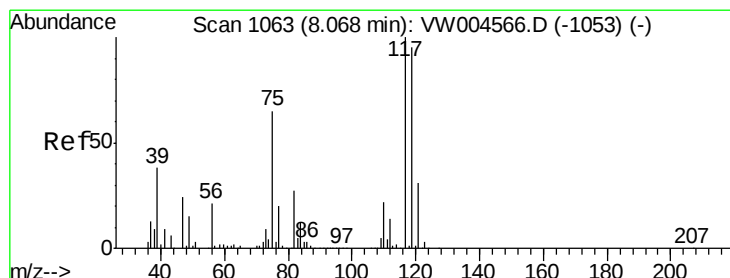
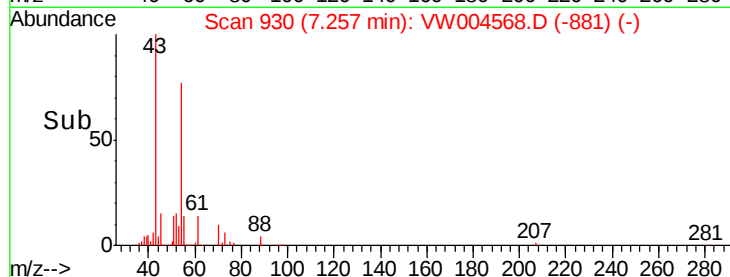
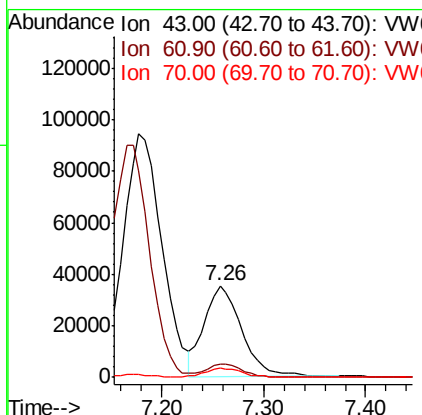
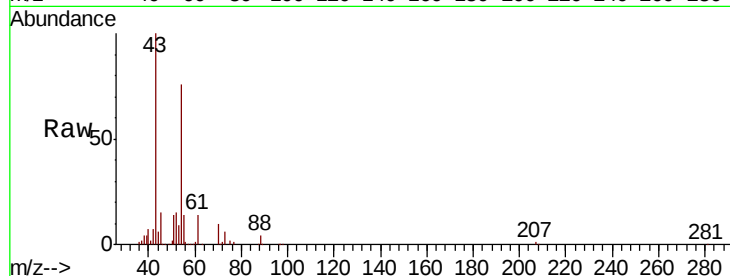
#37
Ethyl Acetate
Concen: 17.33 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	9.9	8.2	12.4

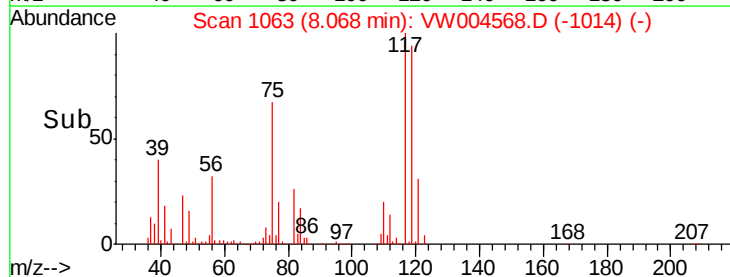
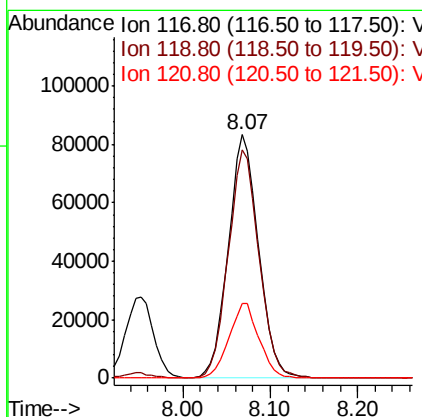
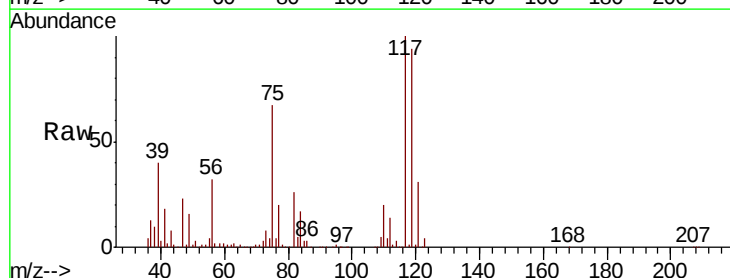
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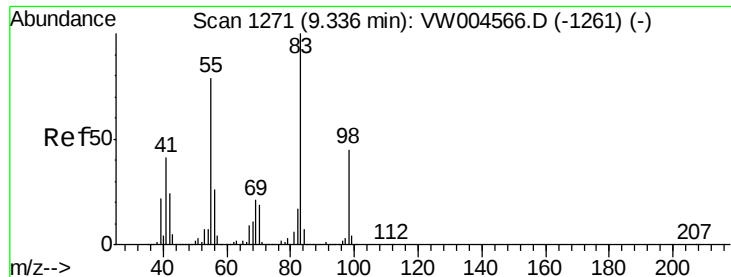
apatel
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#38
Carbon Tetrachloride
Concen: 20.08 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.1	114.1
121	30.6	24.2	36.4





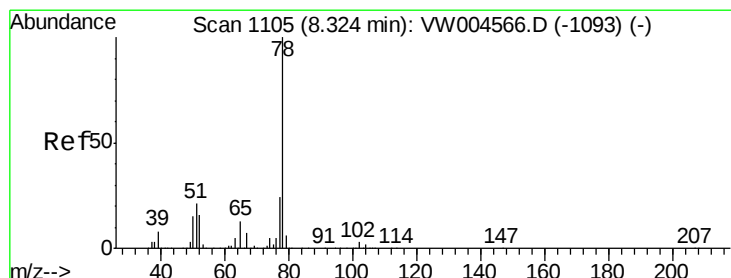
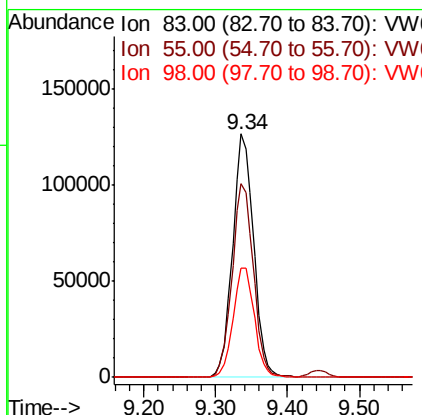
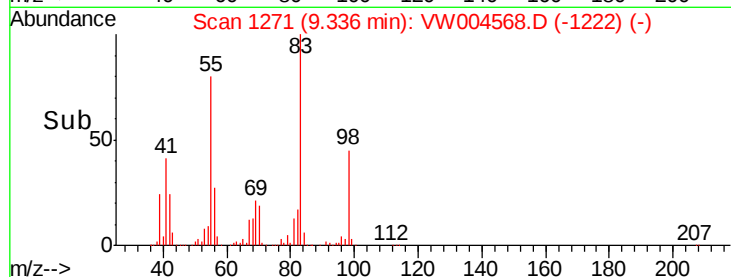
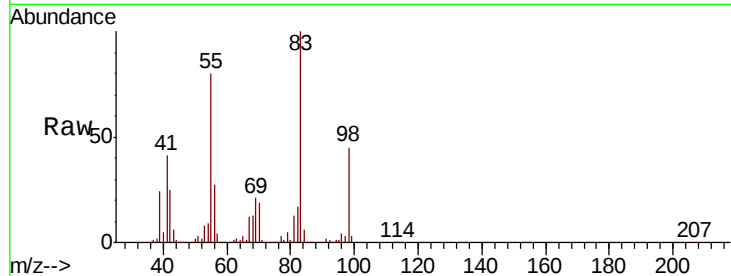
#39
Methvlcvclohexane
Concen: 18.99 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VW0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	258082		
55	79.8		62.5	93.7
98	44.7		35.4	53.2

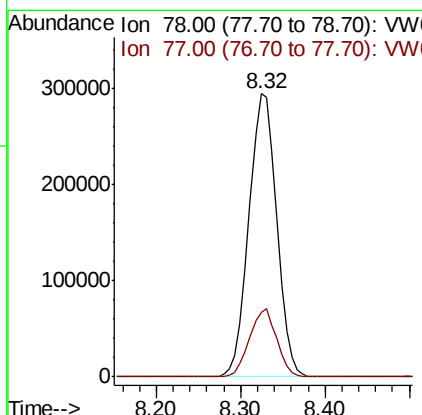
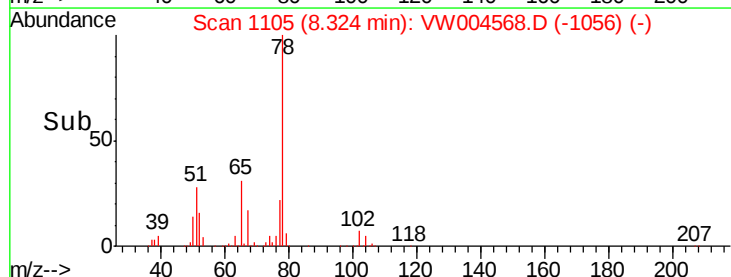
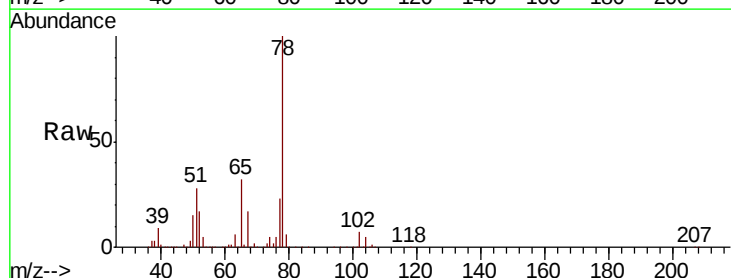
Manual Integrations
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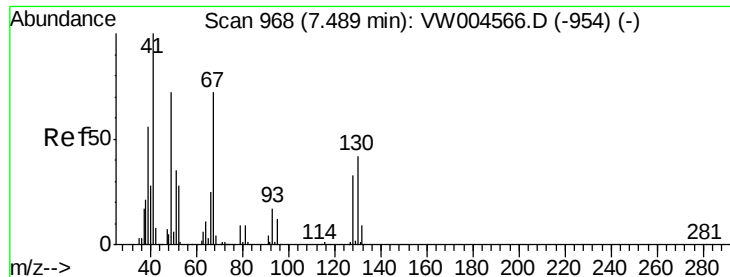
apatel
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#40
Benzene
Concen: 20.23 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	658511		
77	22.6		19.0	28.6





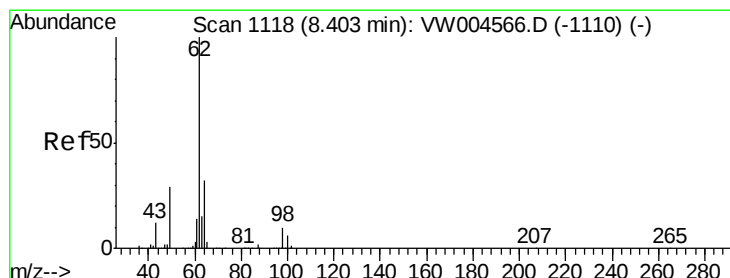
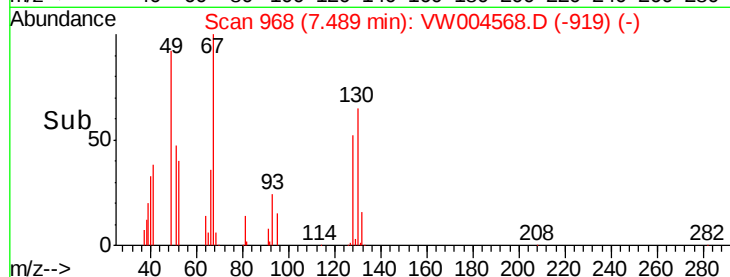
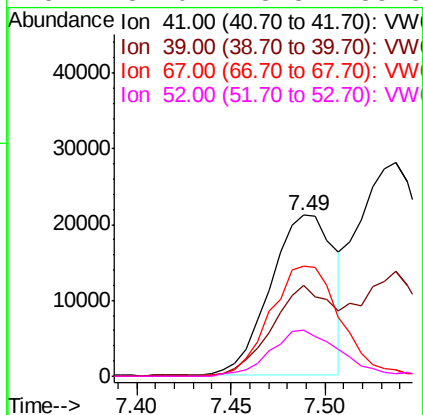
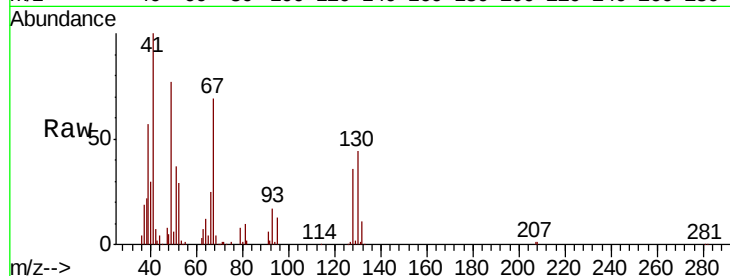
#41
Methacrylonitrile
Concen: 17.24 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VW0812SBS01

Tot Ion:	41	Resp:	49990
Ion	Ratio	Lower	Upper
41	100		
39	53.0	46.2	69.2
67	75.2	60.8	91.2
52	32.0	23.8	35.6

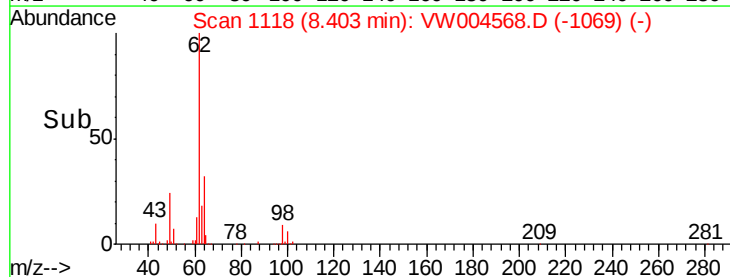
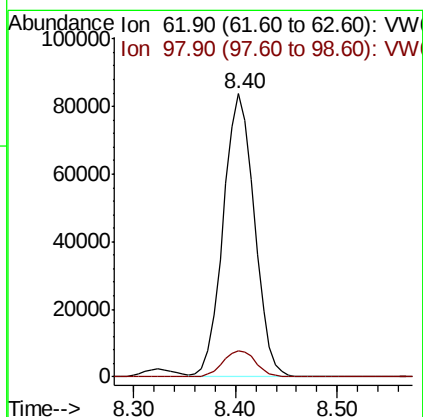
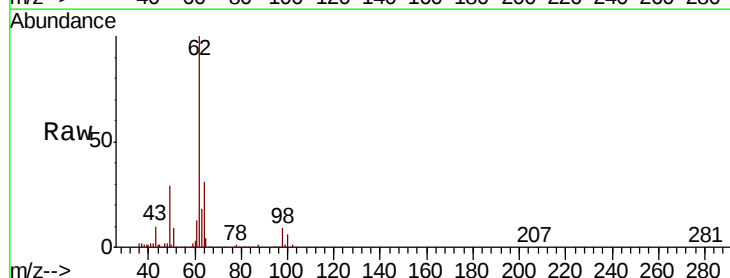
Manual Integrations
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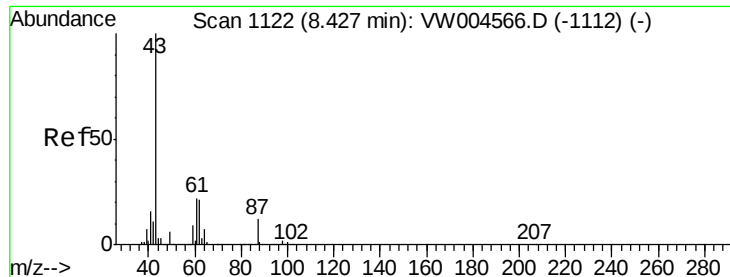
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#42
1,2-Dichloroethane
Concen: 19.65 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion:	62	Resp:	176959
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43

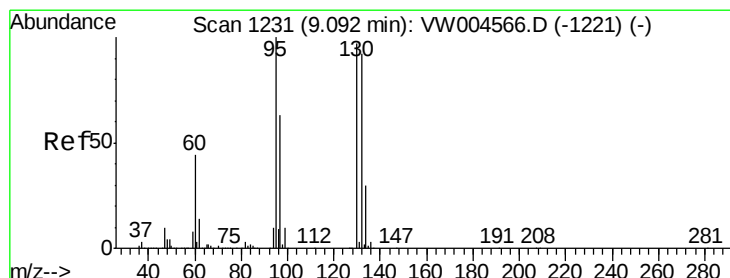
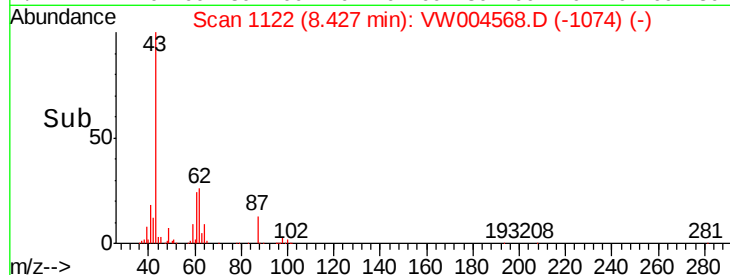
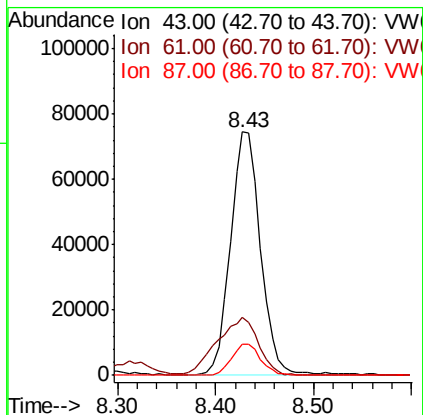
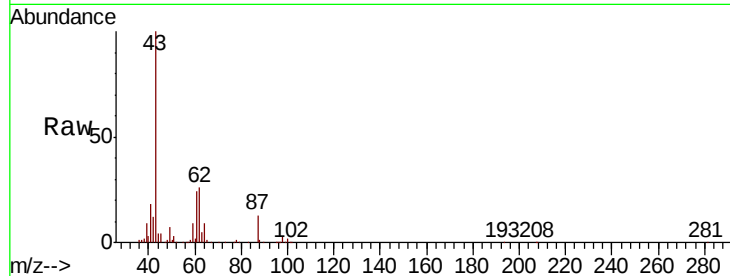
Isopropyl Acetate
 Concen: 17.49 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.9	25.2	37.8
87	12.6	10.6	16.0

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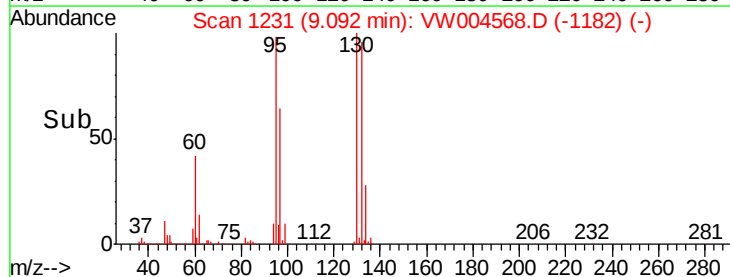
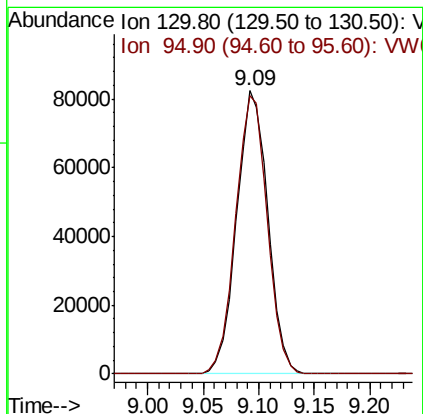
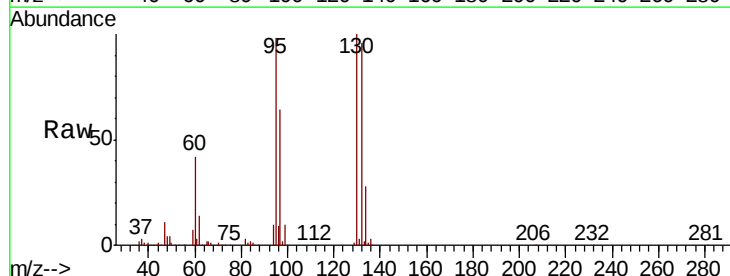
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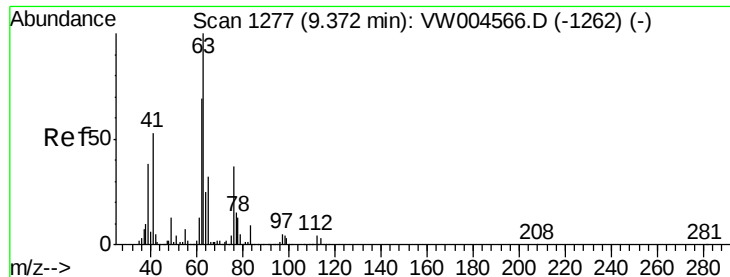


#44

Trichloroethene
 Concen: 19.97 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.2





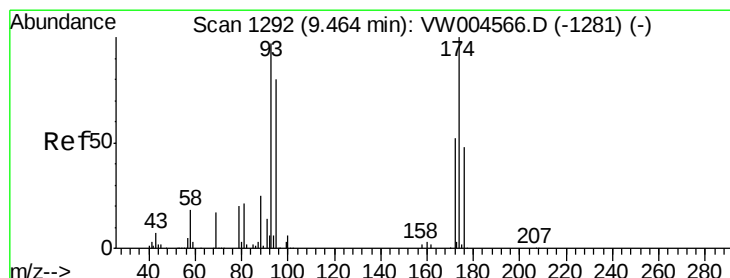
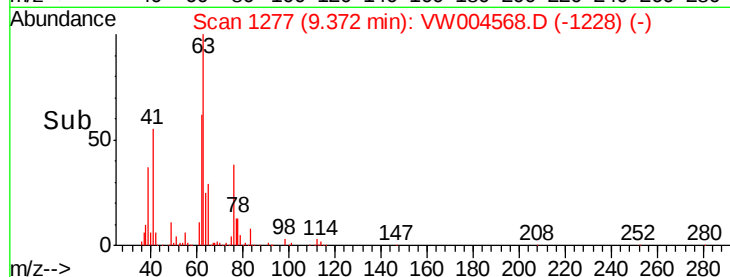
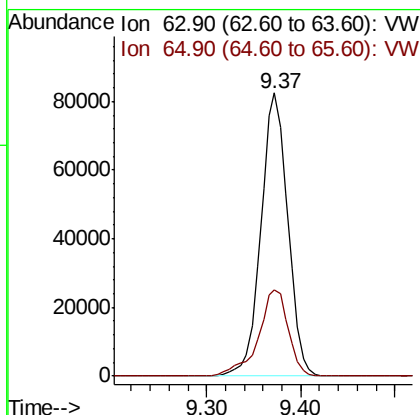
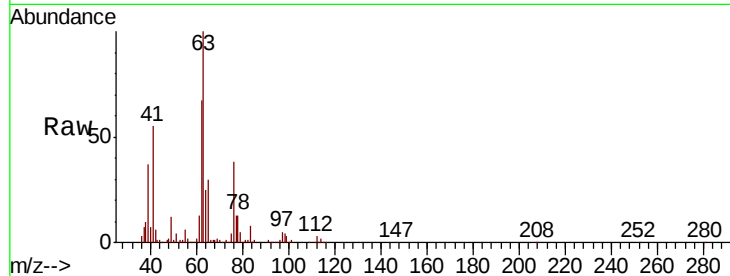
#45
 1,2-Dichloropropane
 Concen: 20.28 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.5	36.7

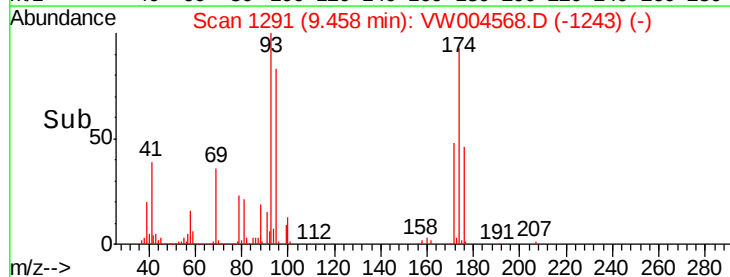
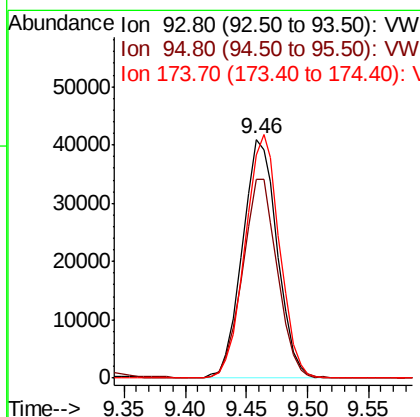
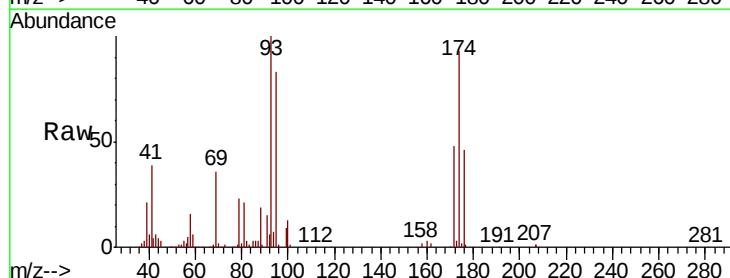
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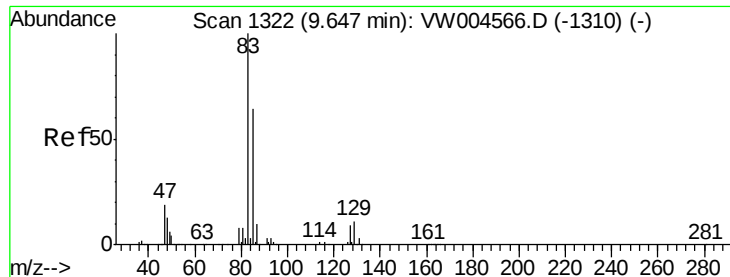
apatel
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#46
 Dibromomethane
 Concen: 19.55 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.0	100.4
174	101.1	80.2	120.4





#47

Bromodichloromethane

Concen: 19.49 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

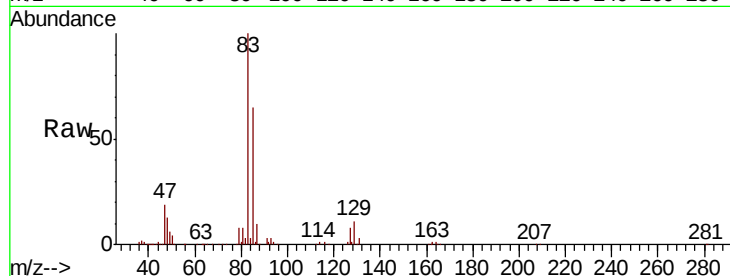
ClientSampled :

VW0812SBS01

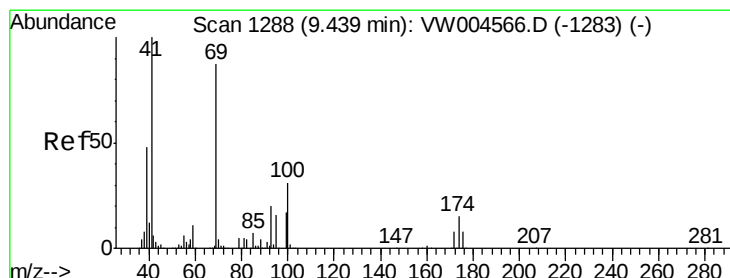
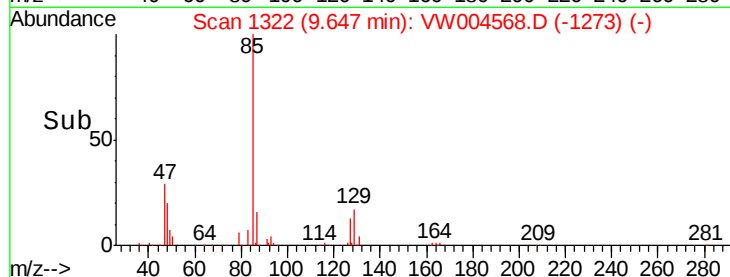
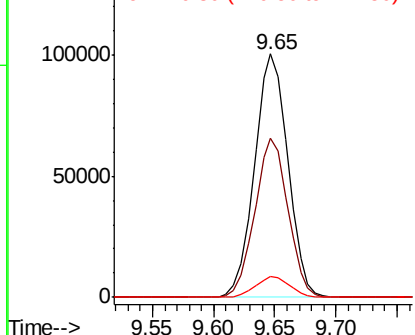
Tot Ion:	83	Resp:	190954
Ion Ratio	Lower	Upper	
83	100		
85	65.4	50.7	76.1
127	8.3	6.5	9.7

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



#48

Methyl methacrylate

Concen: 18.20 ug/l

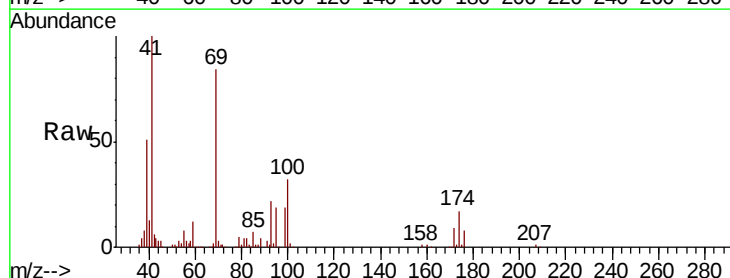
RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

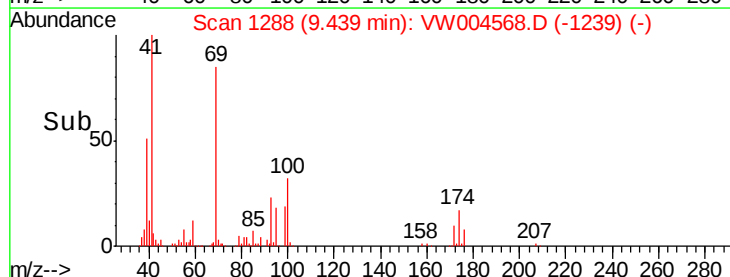
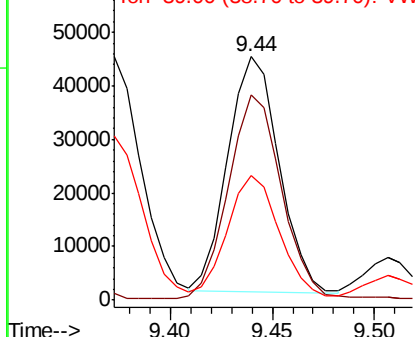
Lab File: VW004568.D

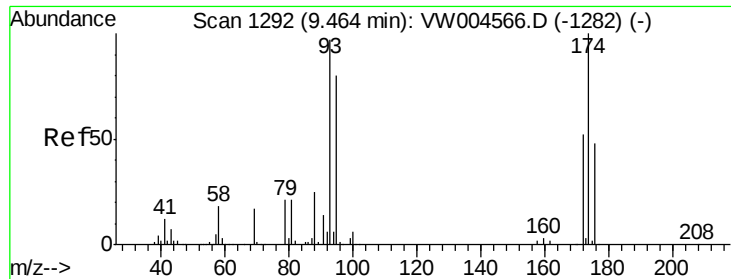
Acq: 09 Aug 2018 23:26

Tgt Ion:	41	Resp:	76978
Ion Ratio	Lower	Upper	
41	100		
69	90.5	73.2	109.8
39	50.4	40.6	60.8



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





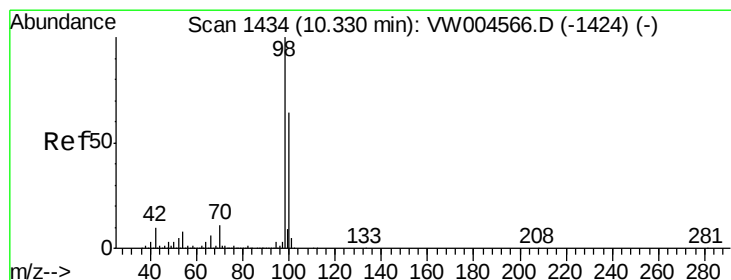
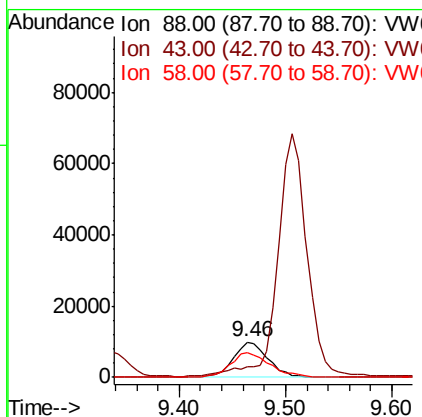
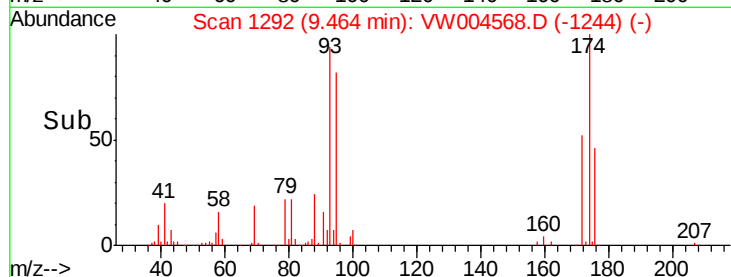
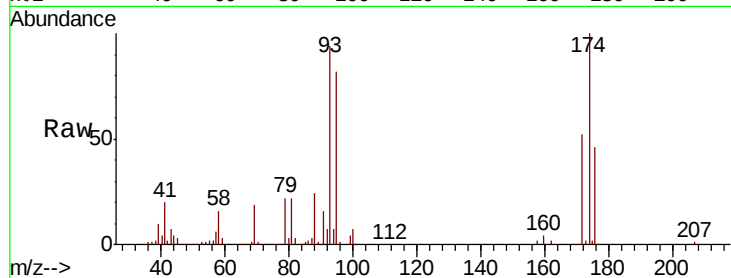
#49
1,4-Dioxane
Concen: 354.26 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	81.2	63.5	95.3

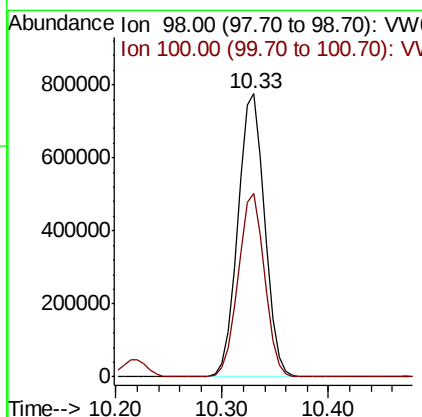
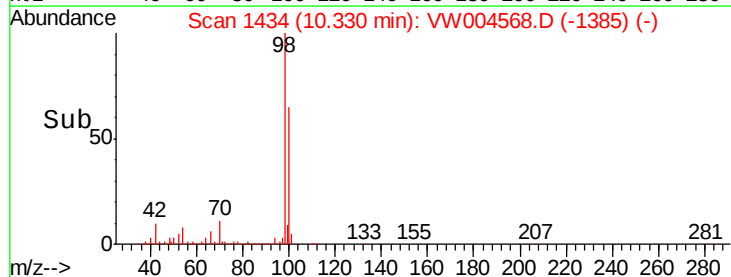
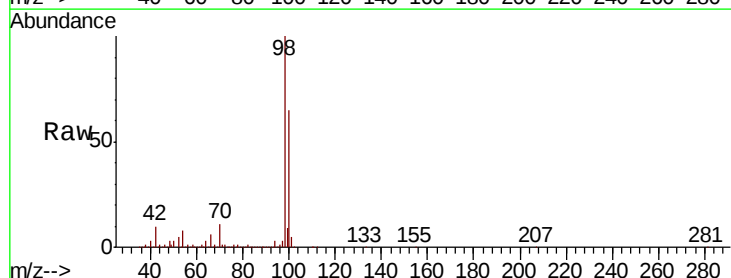
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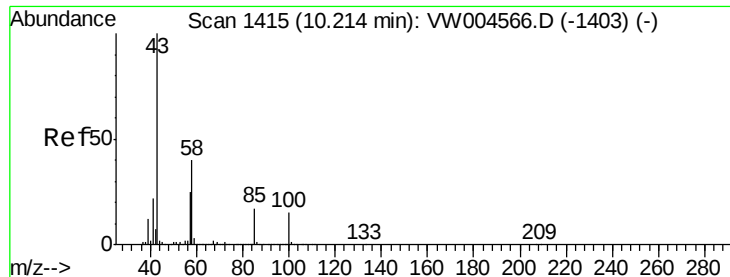
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#50
Toluene-d8
Concen: 52.32 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 88.67 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampled :

VW0812SBS01

Tot Ion: 43 Resp: 558599

Ion Ratio Lower Upper

43 100

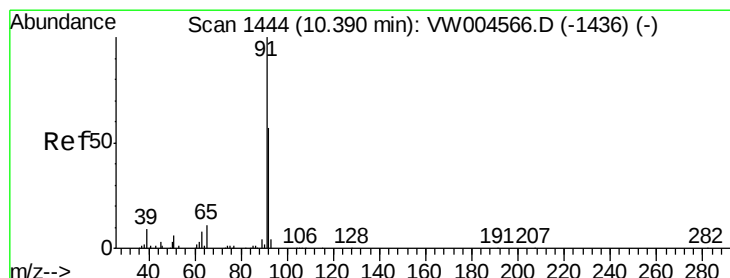
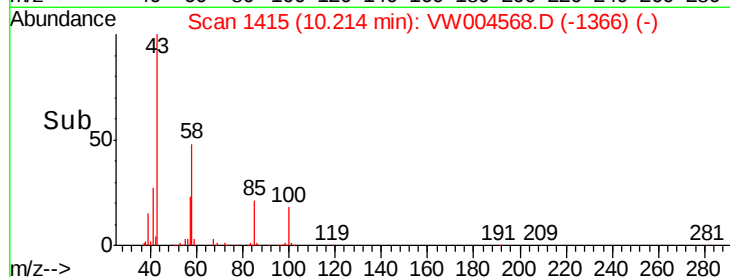
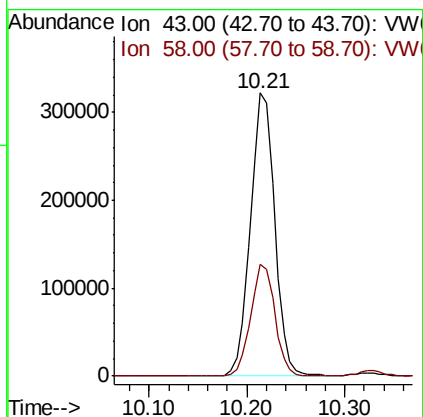
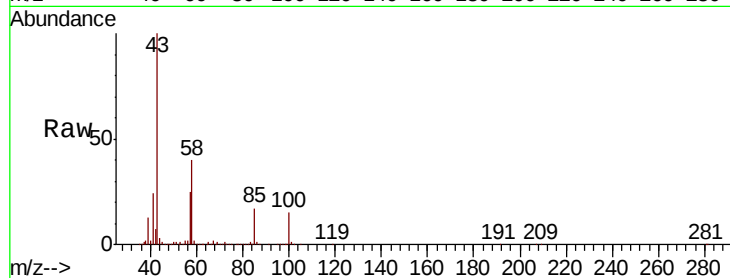
58 39.4 31.9 47.9

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#52

Toluene

Concen: 20.86 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004568.D

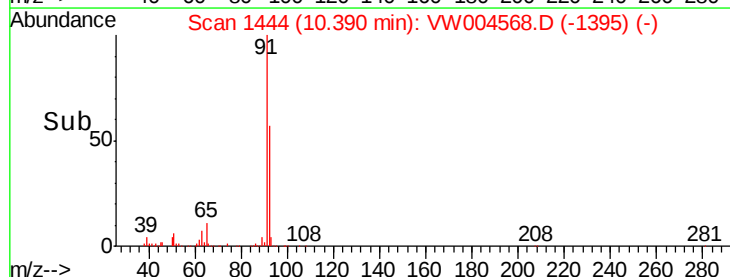
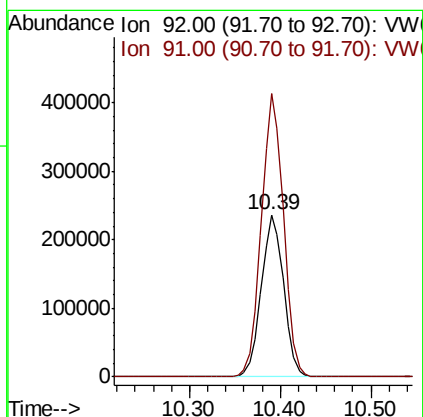
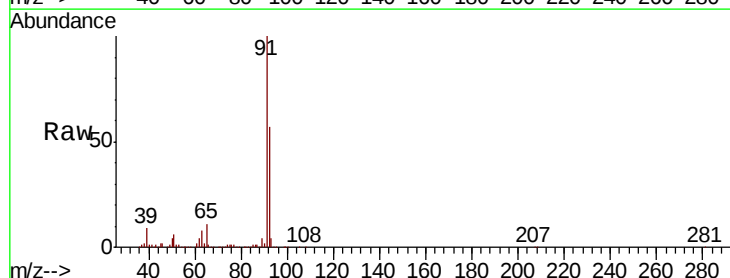
Acq: 09 Aug 2018 23:26

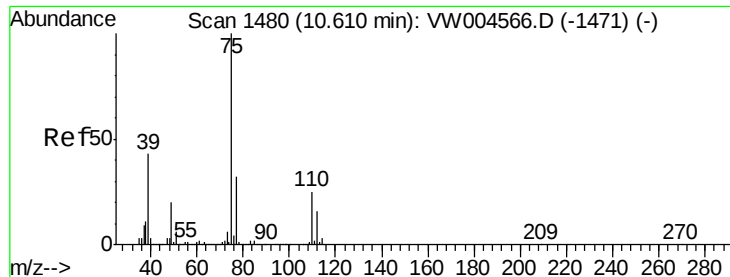
Tgt Ion: 92 Resp: 400498

Ion Ratio Lower Upper

92 100

91 174.4 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.00 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampled :

VW0812SBS01

Tot Ion: 75 Resp: 186882

Ion Ratio Lower Upper

75 100

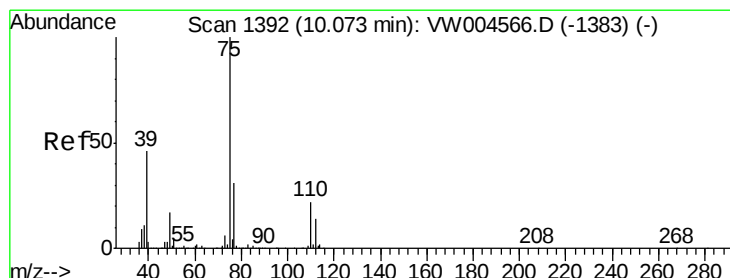
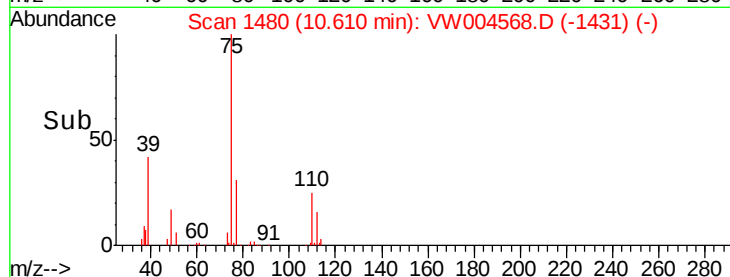
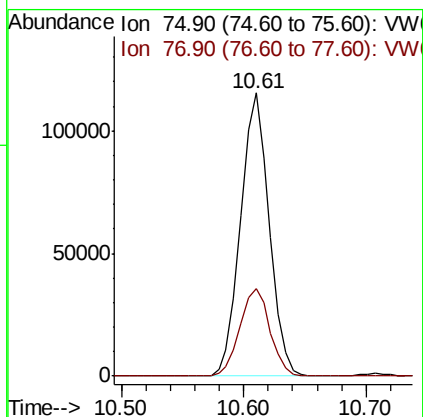
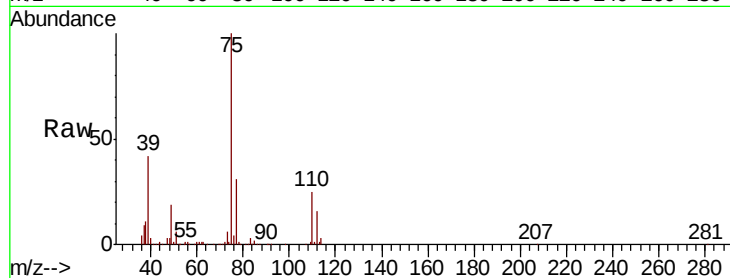
77 30.7 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 19.66 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

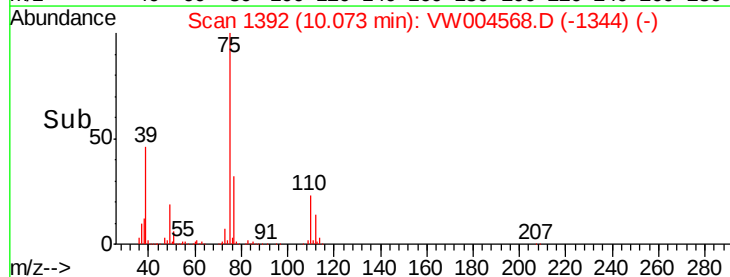
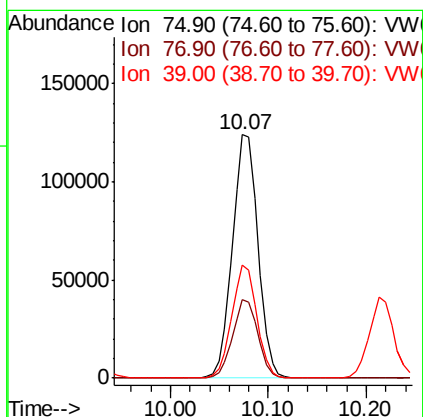
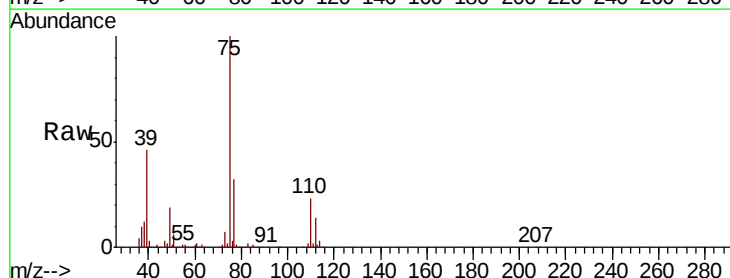
Tgt Ion: 75 Resp: 225377

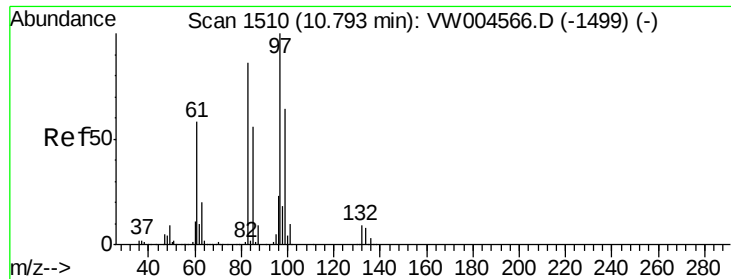
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

39 46.2 34.5 51.7





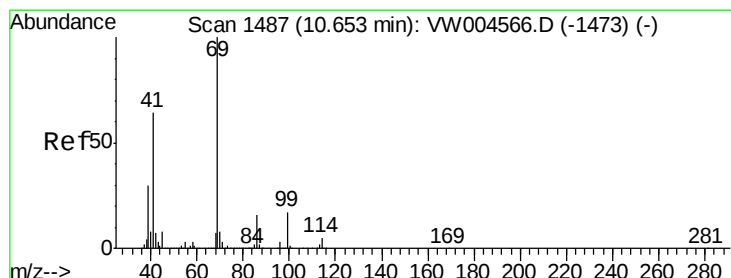
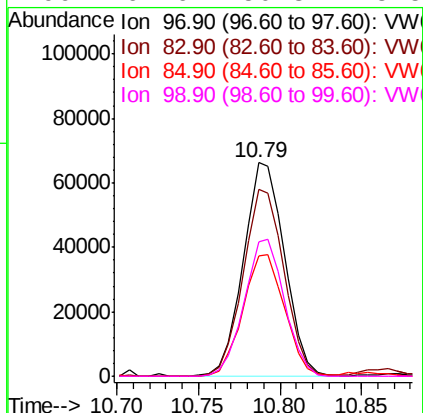
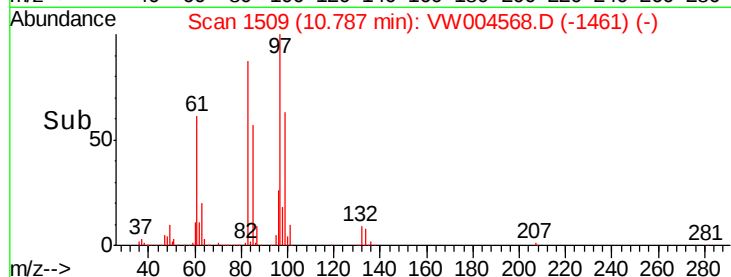
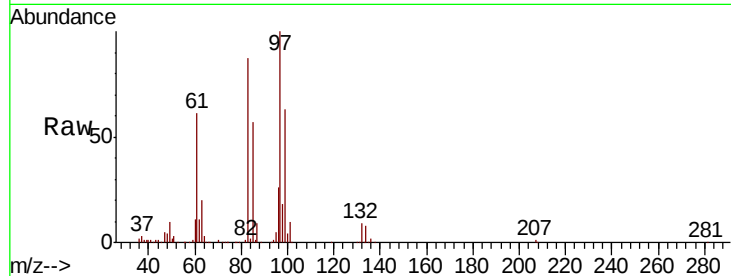
#55
 1,1,2-Trichloroethane
 Concen: 19.52 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion:	97	Resp:	116138
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.8	104.8
85	56.7	45.1	67.7
99	62.6	50.3	75.5

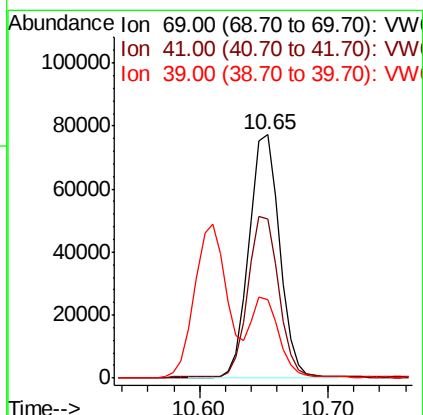
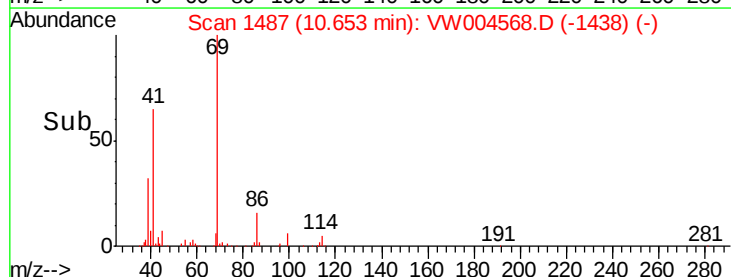
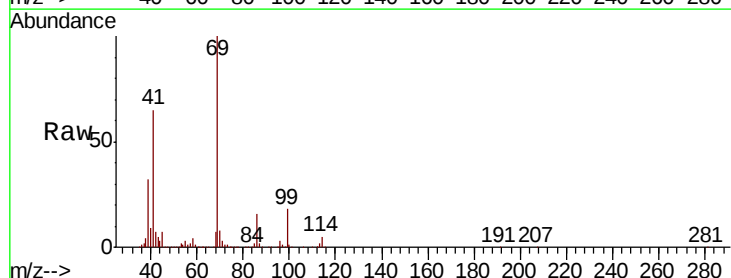
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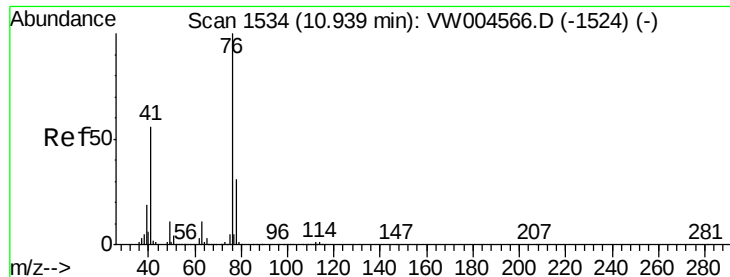
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#56
 Ethyl methacrylate
 Concen: 17.82 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion:	69	Resp:	126940
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.4	78.6
39	28.4	22.7	34.1





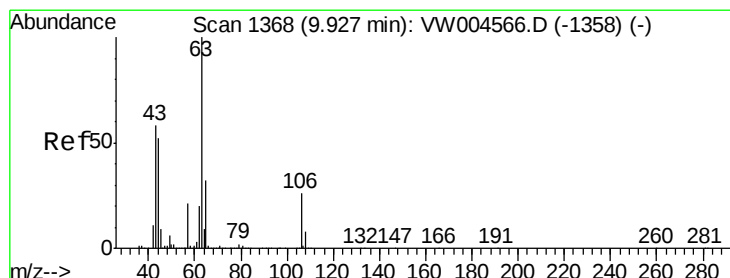
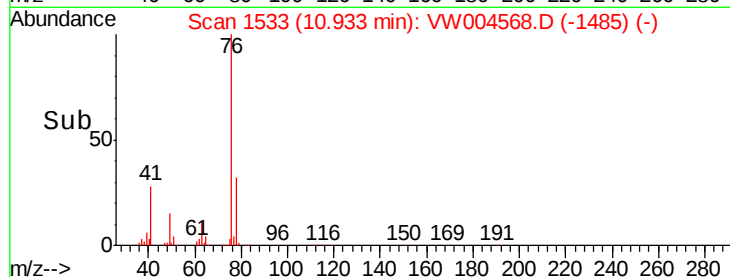
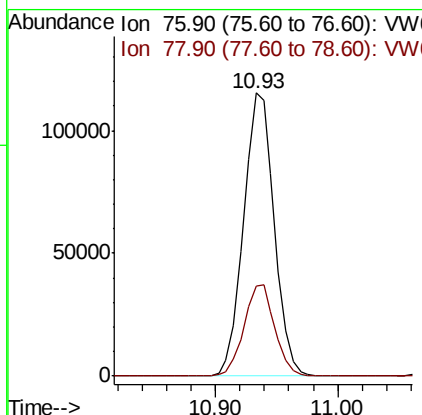
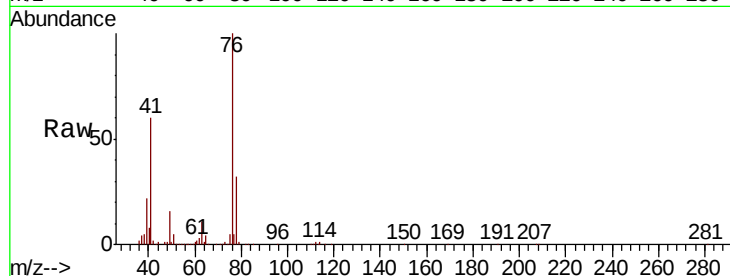
#57
 1,3-Dichloropropane
 Concen: 19.54 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

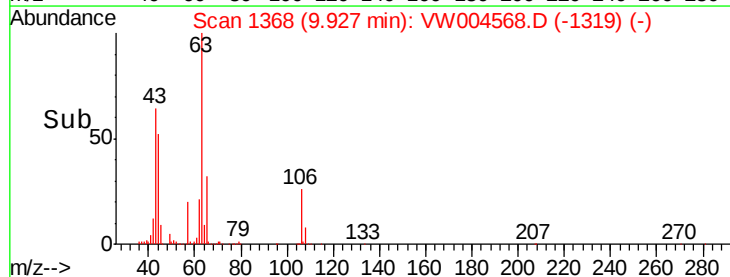
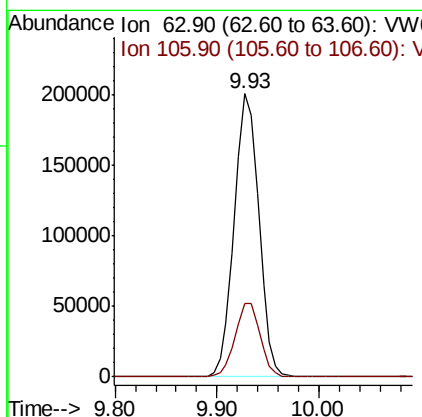
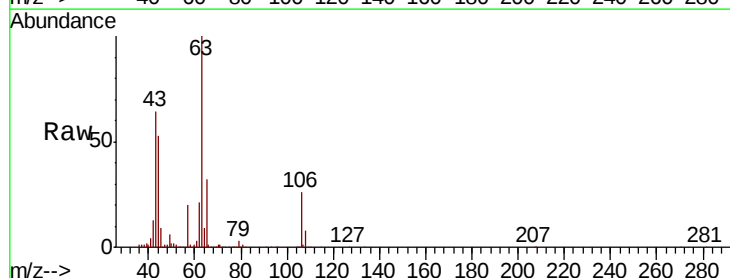
Manual Integrations
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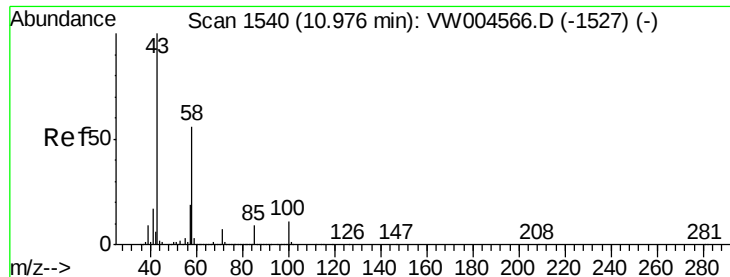
apatel
 8/10/2018 11:49:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.31 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.3	31.9





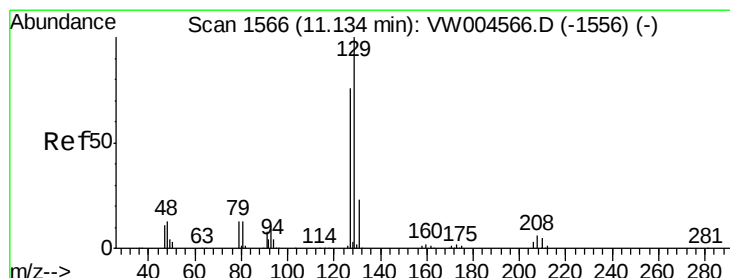
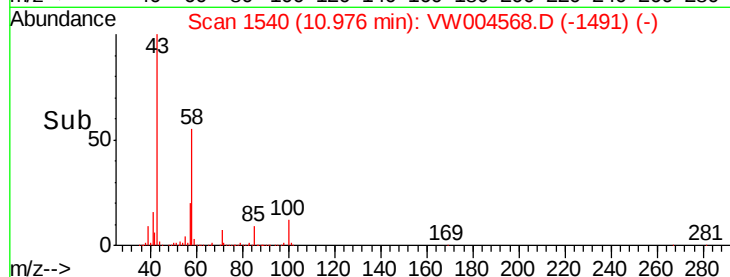
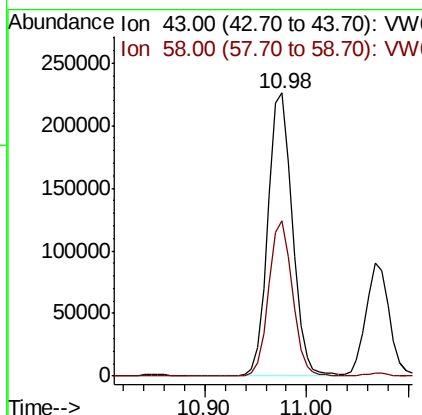
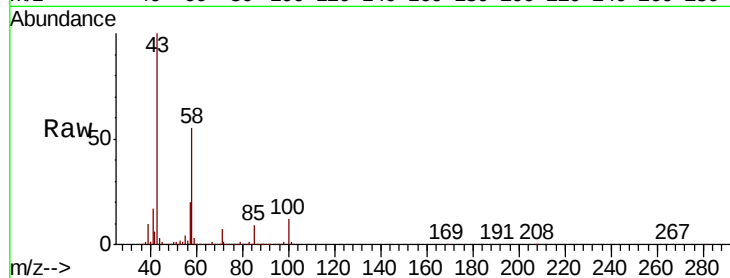
#59
2-Hexanone
Concen: 87.74 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.5	27.9	83.6

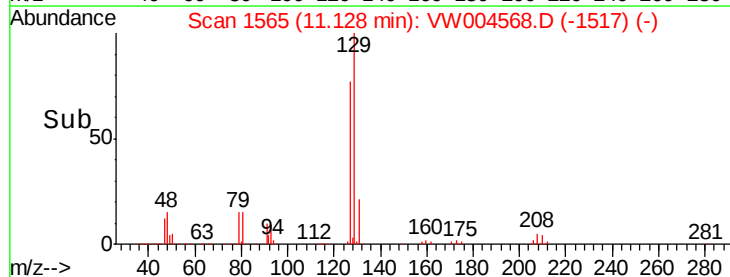
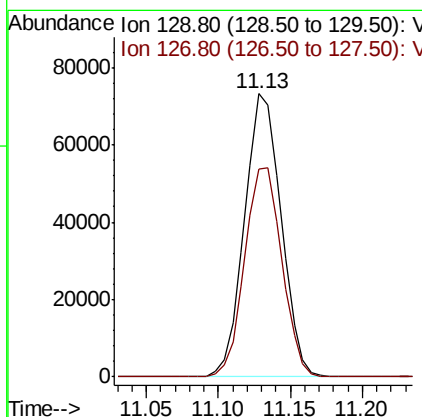
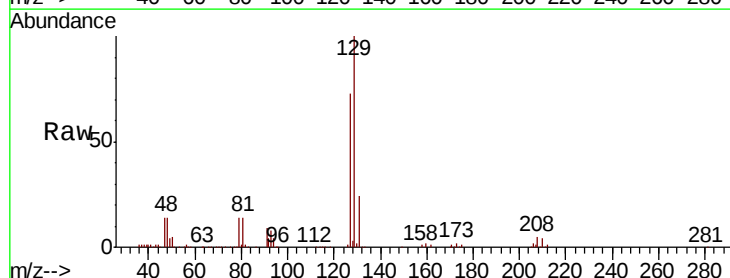
Manual Integrations
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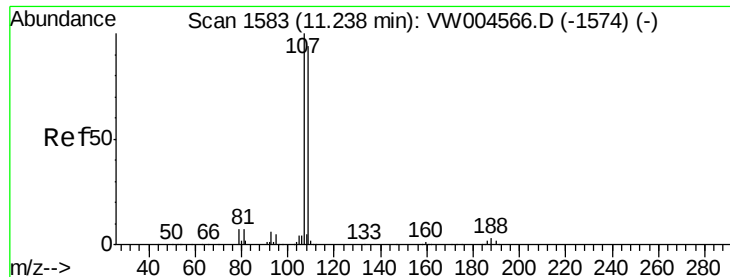
apatel
8/10/2018 11:49:33 AM



#60
Dibromochloromethane
Concen: 19.94 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.9	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.33 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion: 107 Resp: 108039

Ion Ratio Lower Upper

107 100

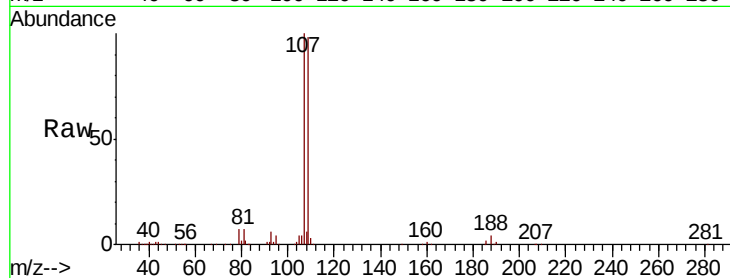
109 94.9 75.7 113.5

Manual Integrations

APPROVED

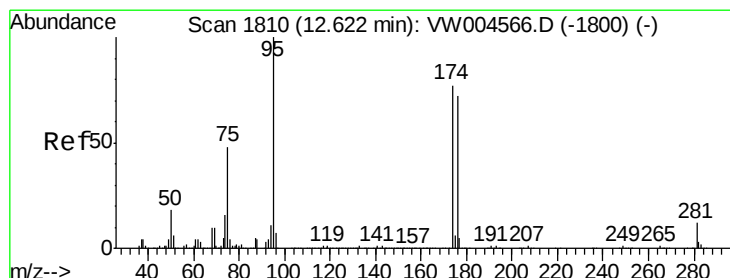
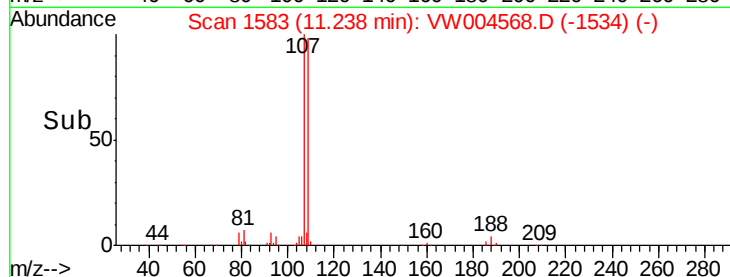
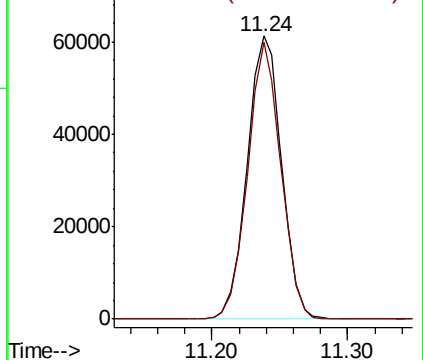
apatel

8/10/2018 11:49:33 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.16 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

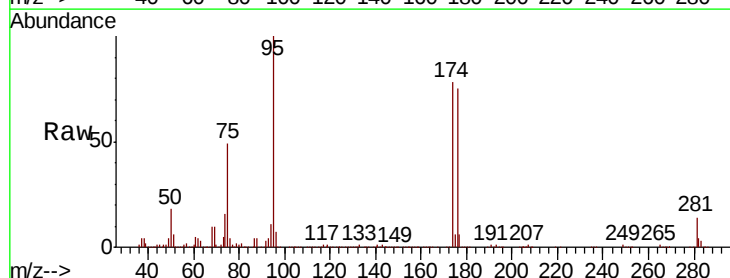
Tgt Ion: 95 Resp: 491729

Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.4

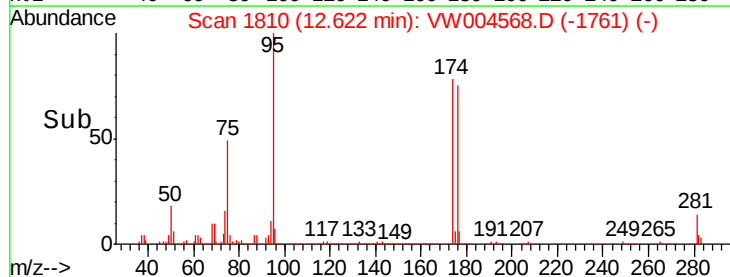
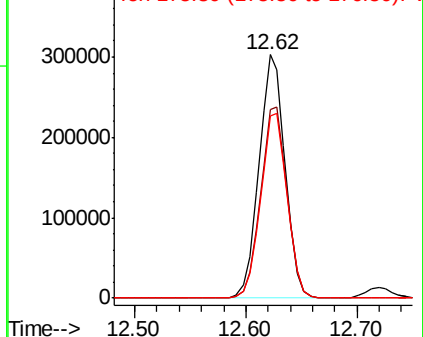
176 77.2 0.0 153.2

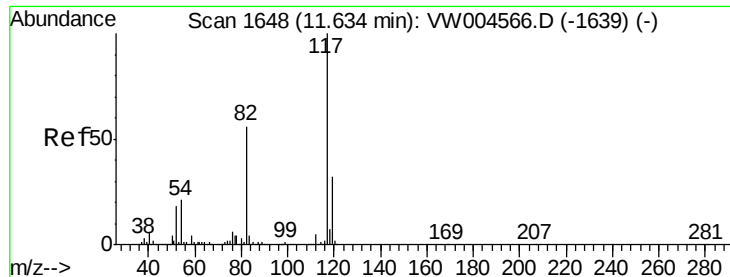


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





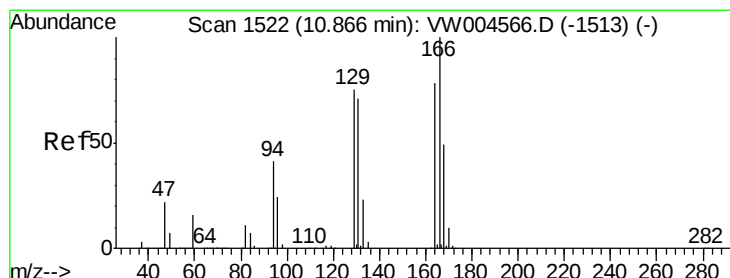
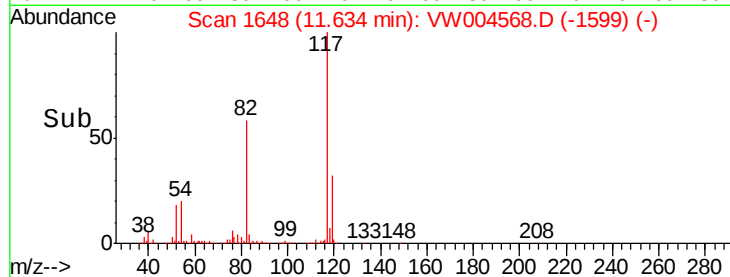
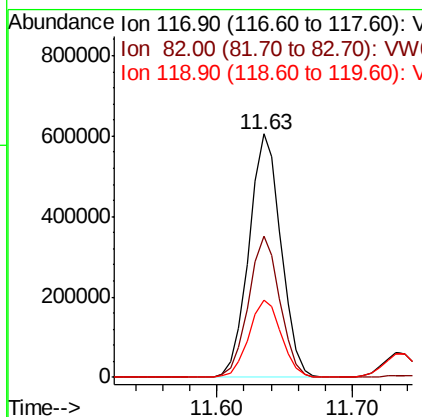
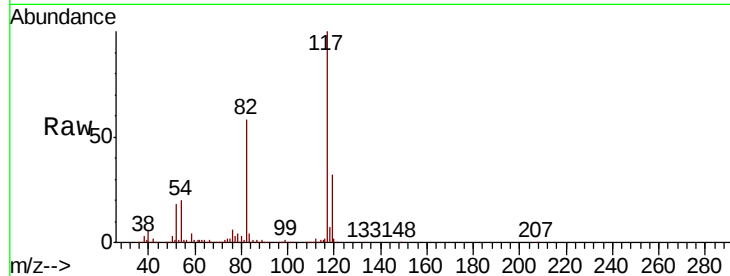
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		998911		
82	57.8	45.3	67.9		
119	31.5	26.2	39.4		

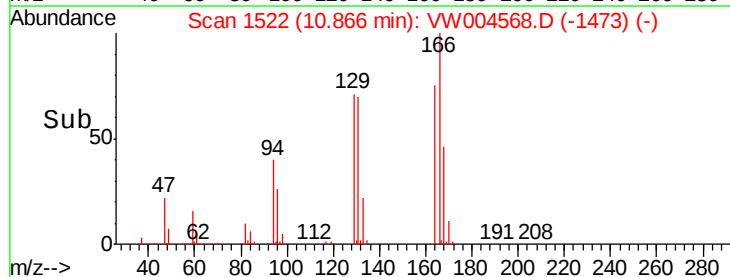
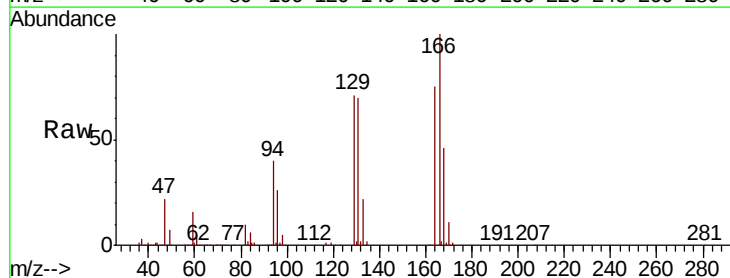
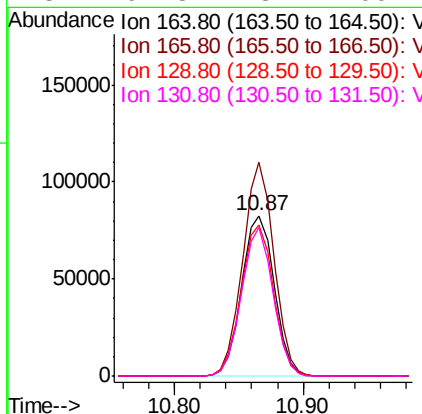
Manual Integrations
APPROVED

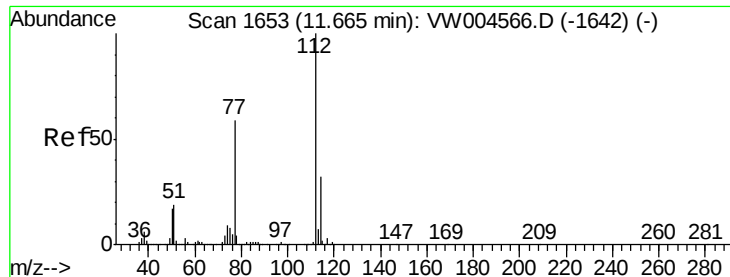
apatel
8/10/2018 11:49:33 AM



#64
Tetrachloroethene
Concen: 20.61 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		143618		
166	133.1	98.4	147.6		
129	94.3	73.6	110.4		
131	92.8	73.1	109.7		





#65

Chlorobenzene

Concen: 20.12 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.01 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion:112 Resp: 442871

Ion Ratio Lower Upper

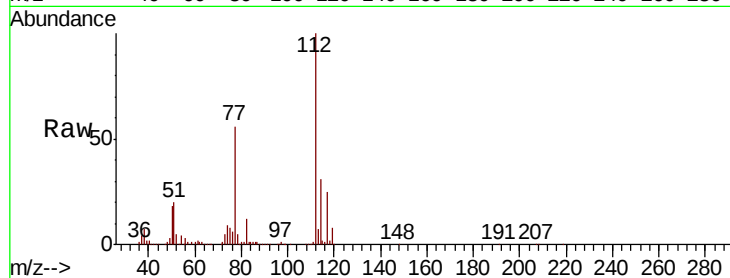
112 100

114 31.2 26.0 39.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

250000

200000

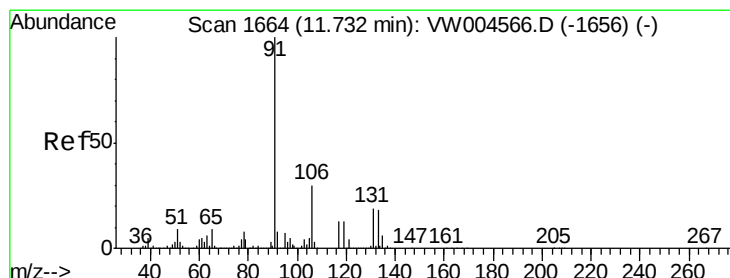
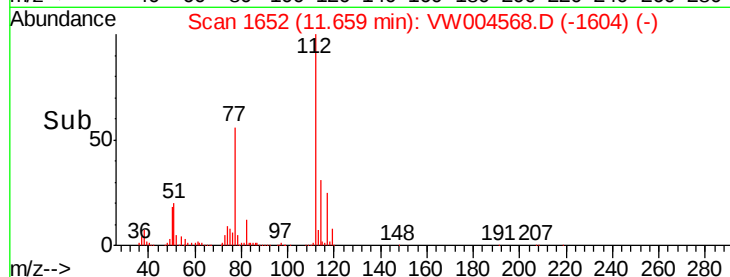
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.51 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

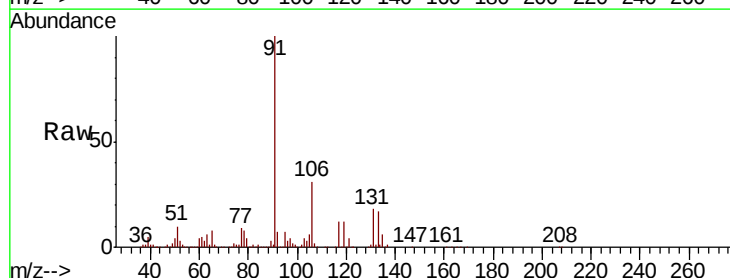
Tgt Ion:131 Resp: 146240

Ion Ratio Lower Upper

131 100

133 95.3 48.1 144.4

119 67.3 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

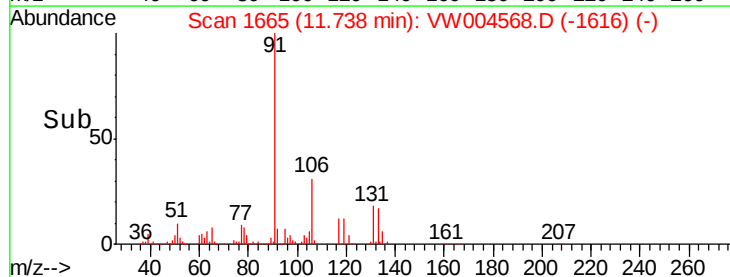
150000

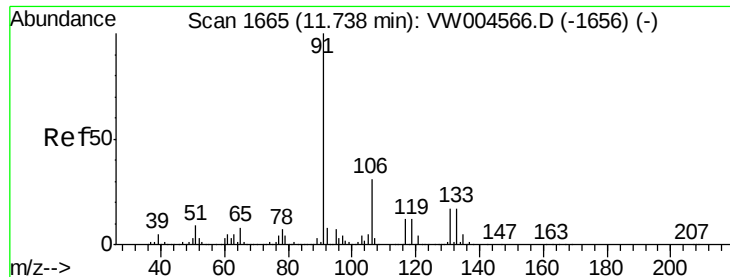
100000

50000

0

Time-->





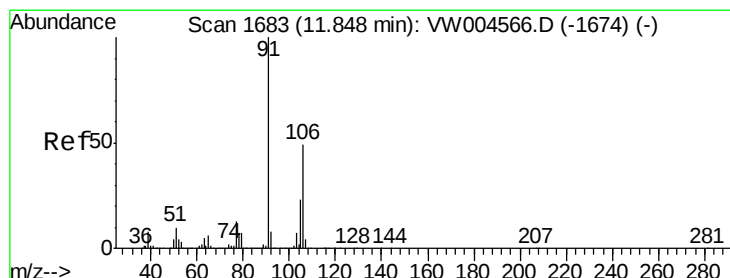
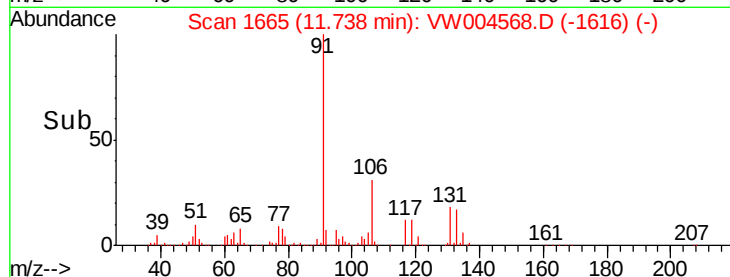
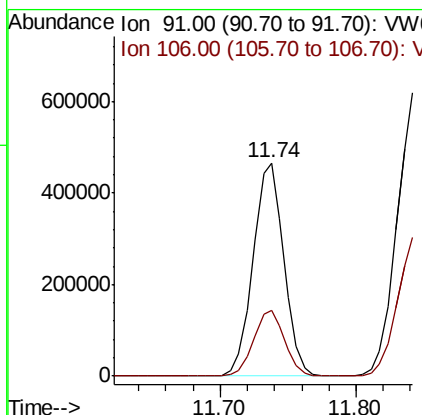
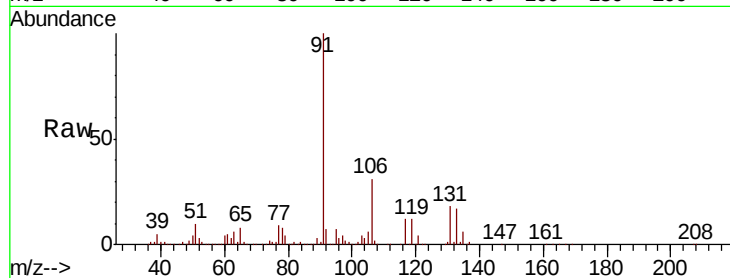
#67
Ethyl Benzene
Concen: 19.78 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.2	36.2

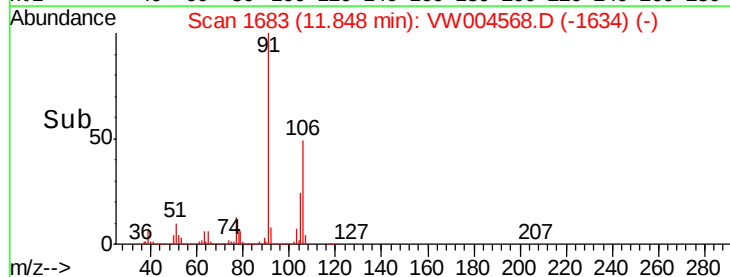
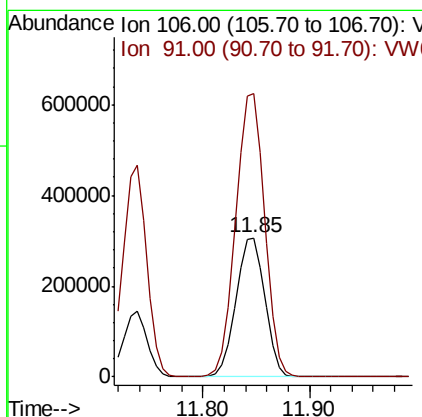
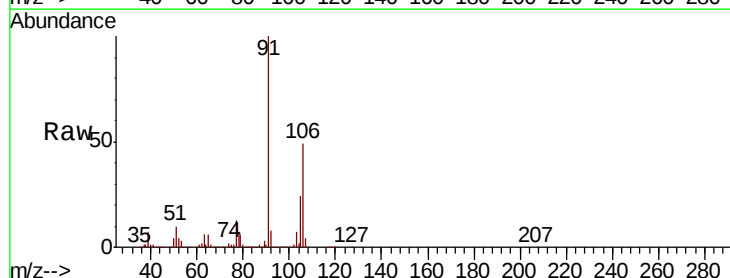
Manual Integrations
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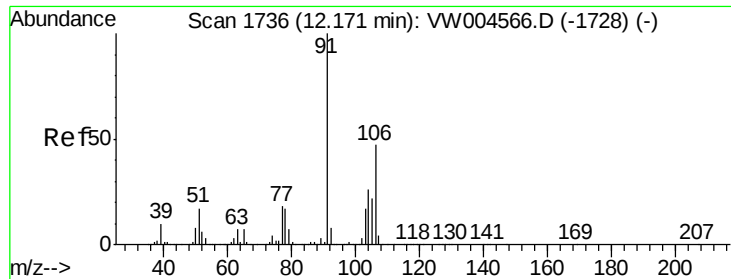
apatel
8/10/2018 11:49:33 AM



#68
m/p-Xylenes
Concen: 40.53 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.3	162.8	244.2





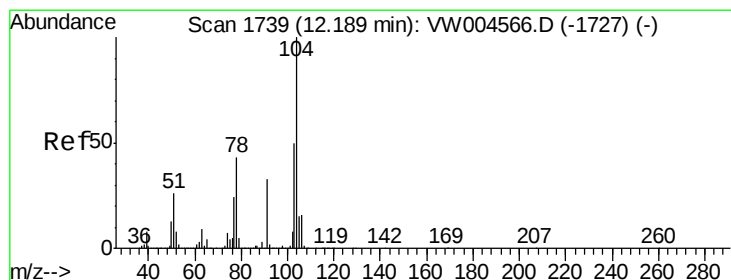
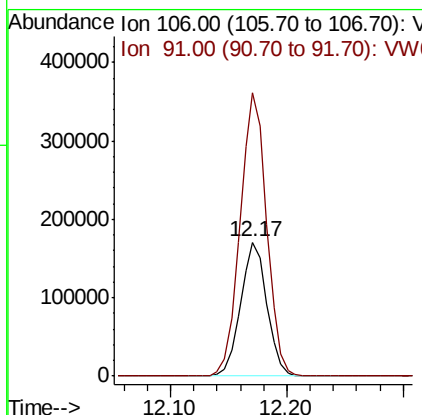
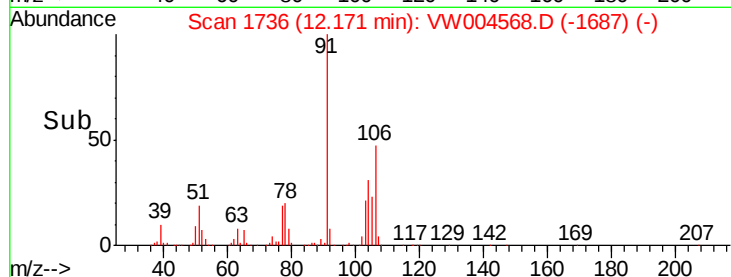
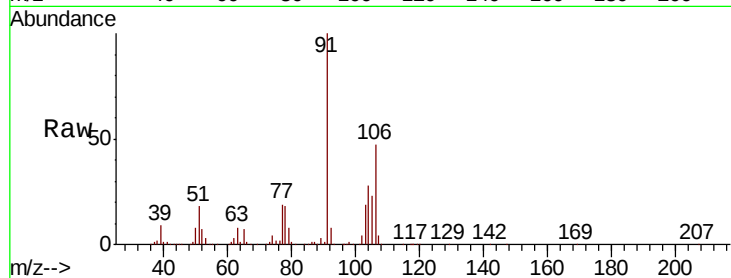
#69
o-Xylene
Concen: 20.03 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion:106 Resp: 267924
Ion Ratio Lower Upper
106 100
91 213.5 106.7 320.2

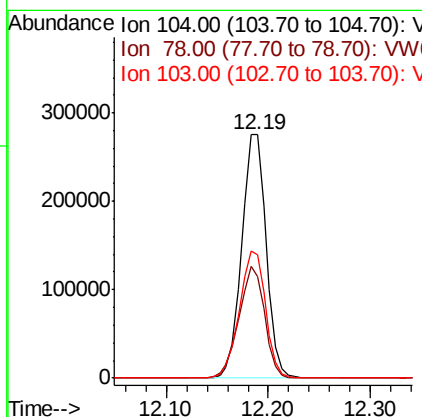
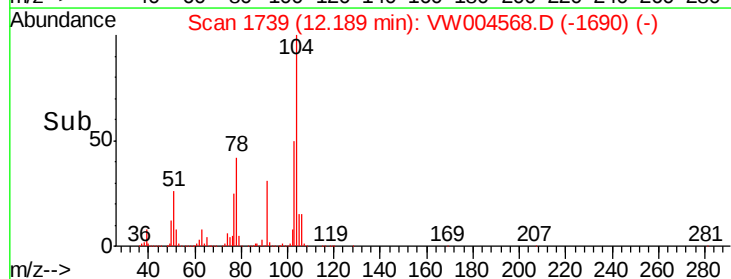
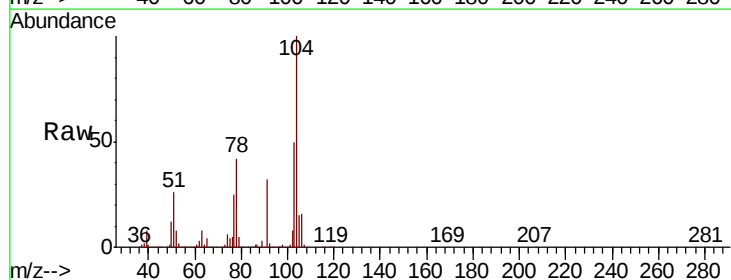
Manual Integrations
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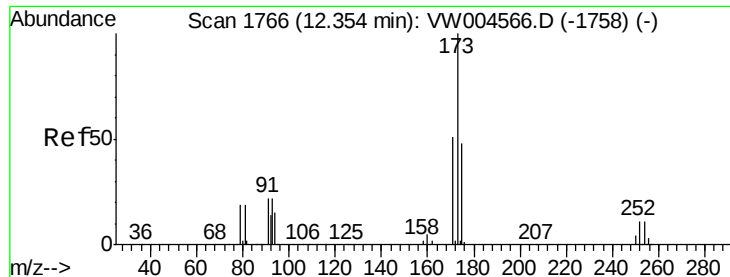
apatel
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#70
Styrene
Concen: 20.29 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion:104 Resp: 458477
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 55.7 44.2 66.2





#71

Bromoform

Concen: 18.10 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion:173 Resp: 74583

Ion Ratio Lower Upper

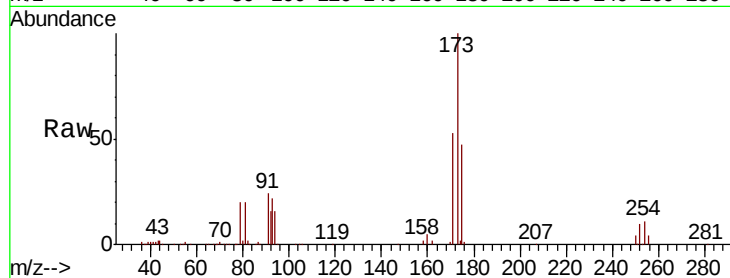
173 100

175 48.7 24.5 73.5

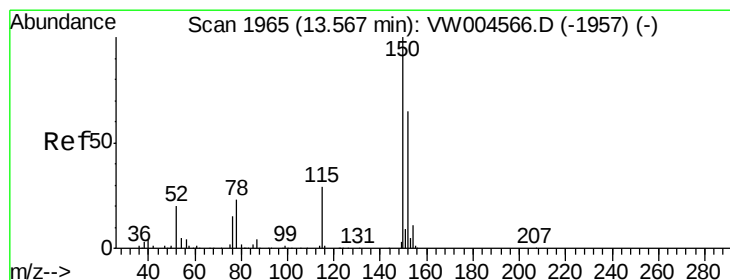
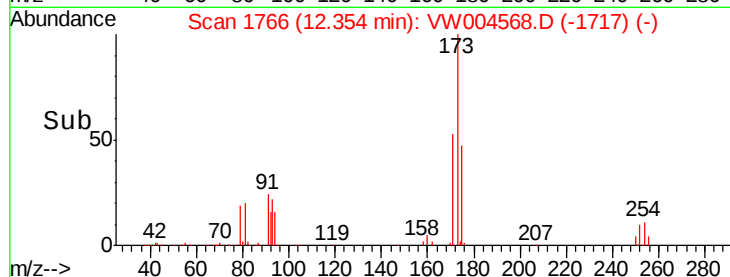
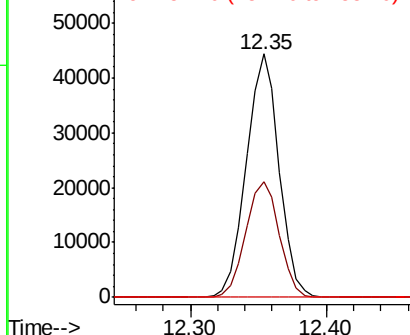
254 0.1 0.2 0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

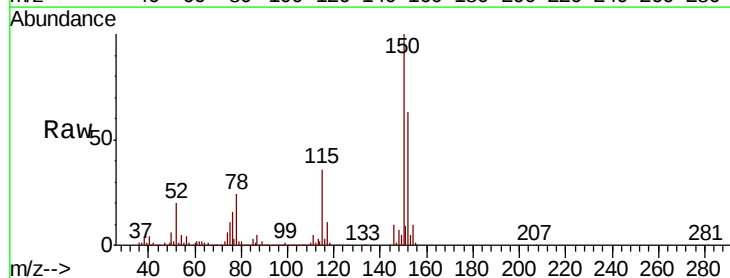
Tgt Ion:152 Resp: 529179

Ion Ratio Lower Upper

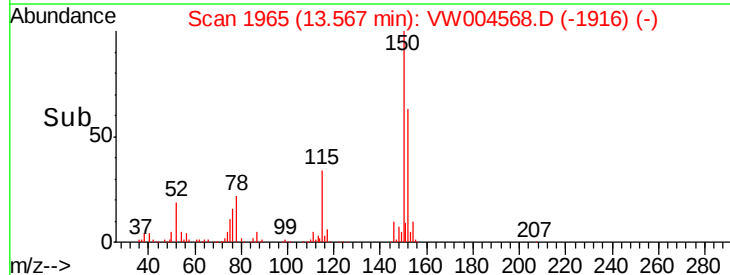
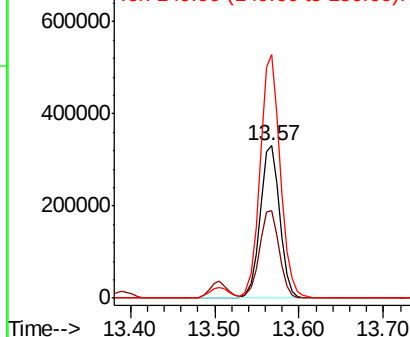
152 100

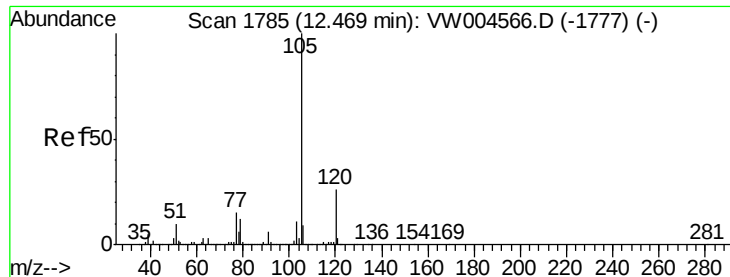
115 58.4 29.1 87.3

150 164.5 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





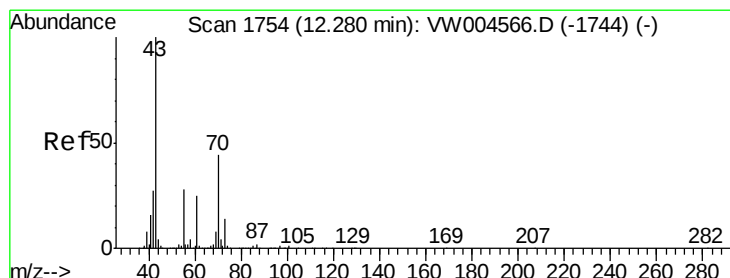
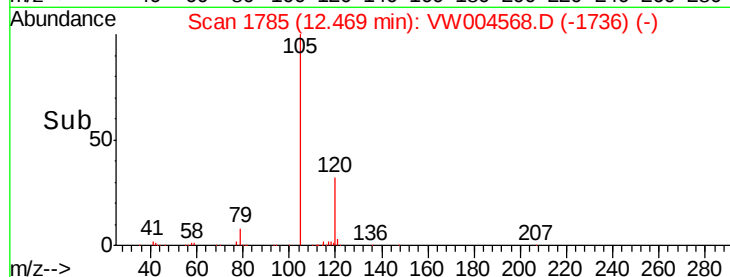
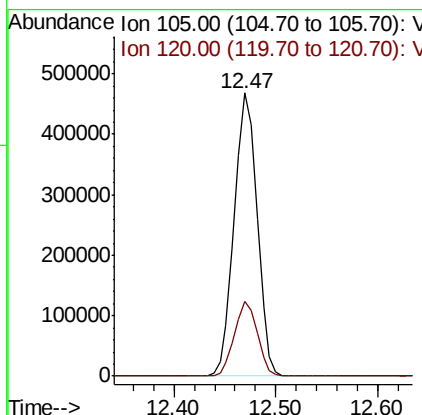
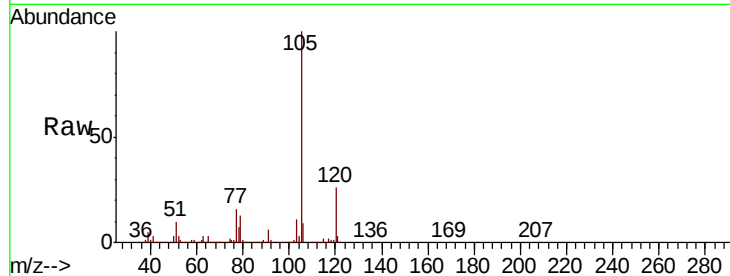
#73
Isopropylbenzene
Concen: 19.85 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

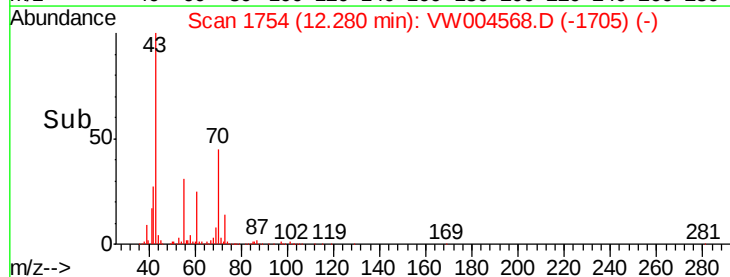
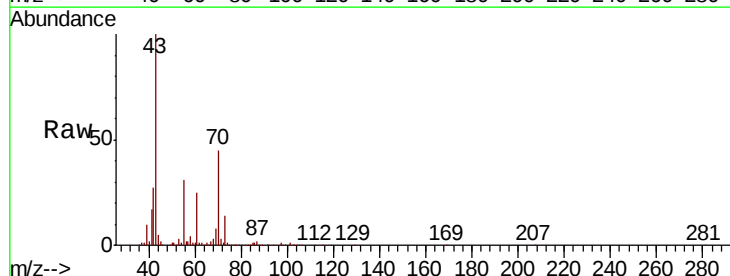
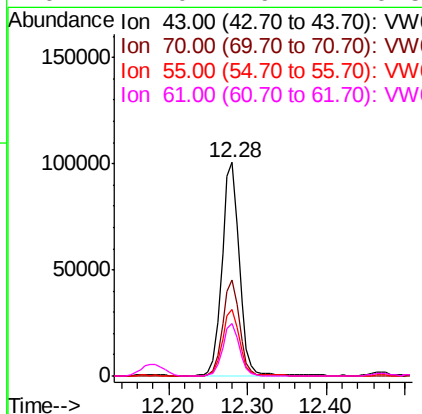
Manual Integrations
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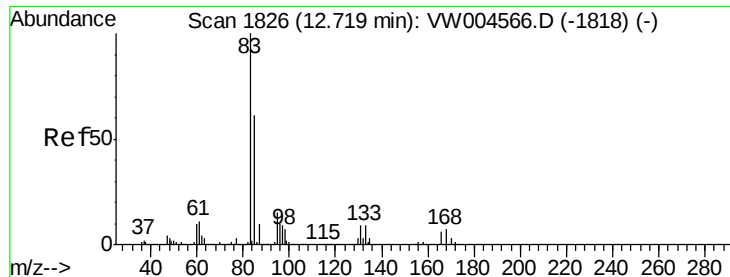
apatel
8/10/2018 11:49:33 AM



#74
N-ethyl acetate
Concen: 17.18 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.5	35.3	52.9
55	30.9	22.9	34.3
61	24.0	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.50 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

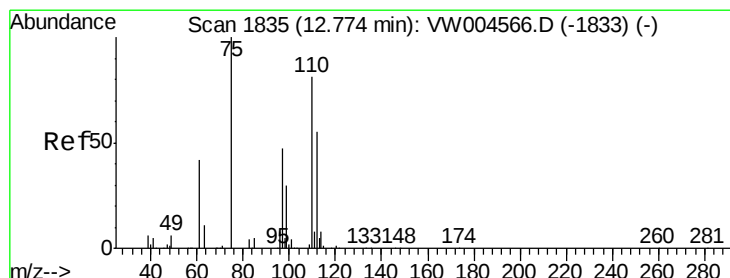
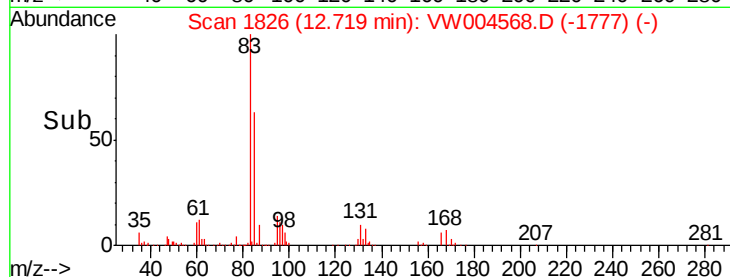
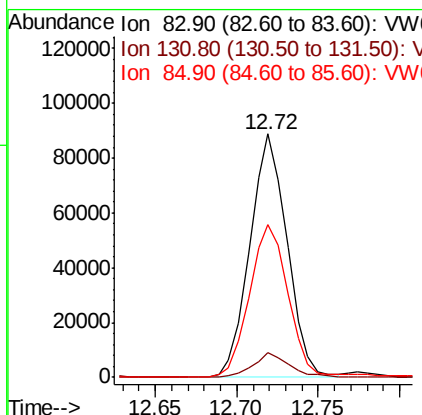
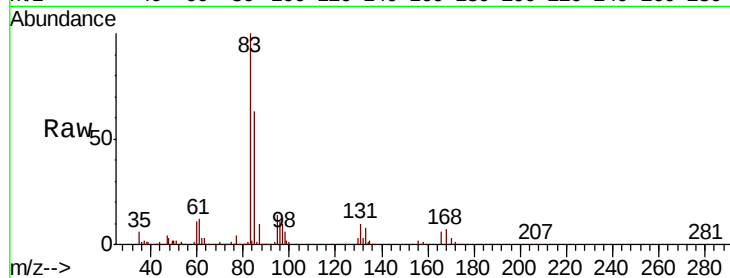
ClientSampleId :

VW0812SBS01

Tot Ion:	83	Resp:	141319
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.8	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 16.82 ug/l m

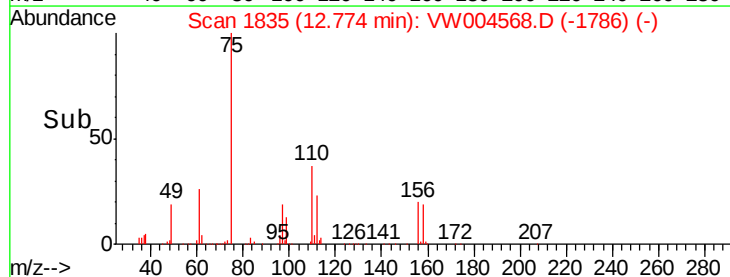
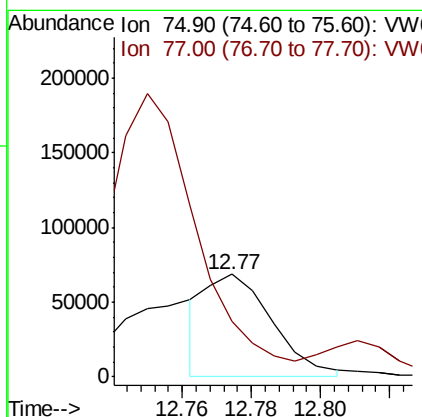
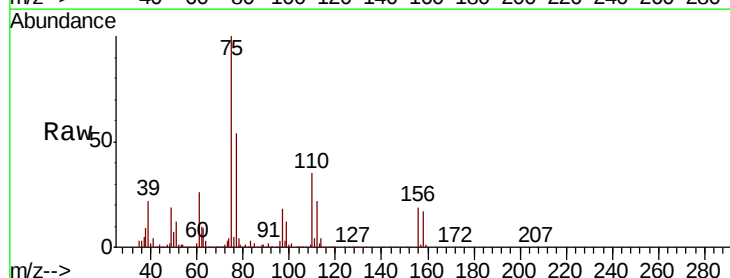
RT: 12.77 min Scan# 1835

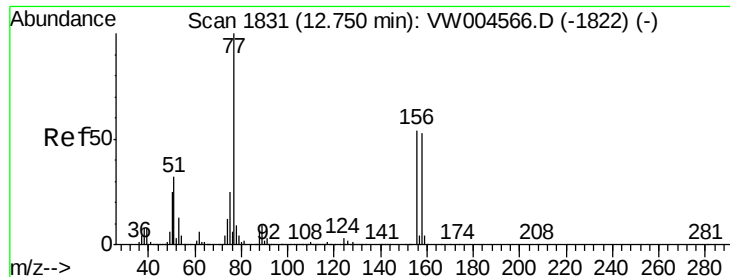
Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Tgt Ion:	75	Resp:	92103
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.03 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Instrument :

MSVOA_W

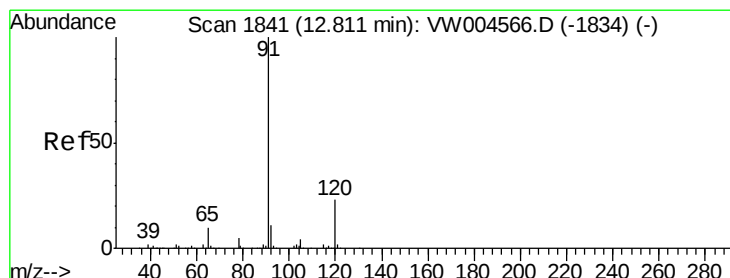
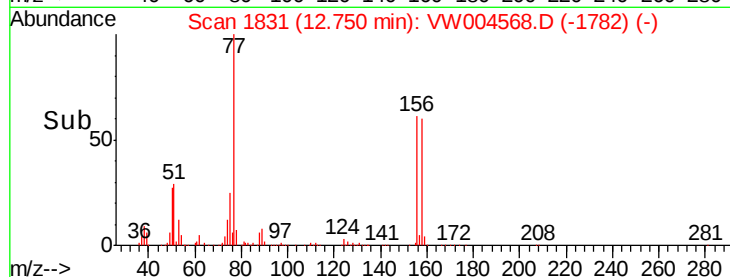
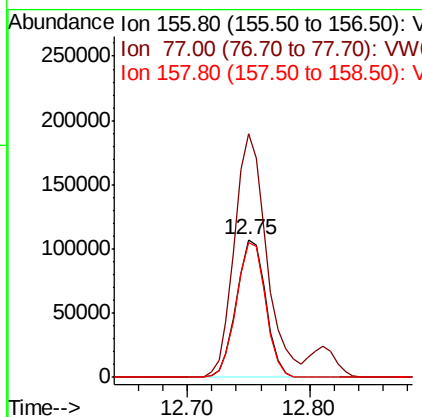
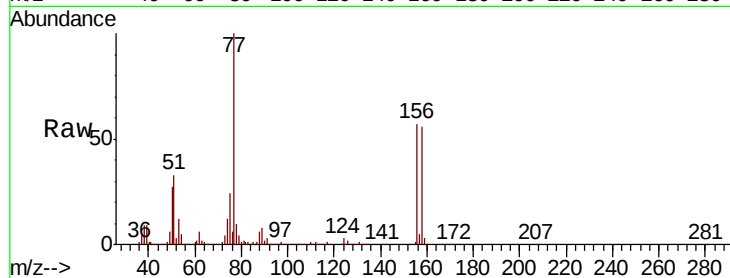
ClientSampled :

VW0812SBS01

Tot Ion:	156	Resp:	177417
Ion Ratio	Lower	Upper	
156	100		
77	194.2	98.7	296.1
158	97.6	48.7	146.1

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#78

n-propylbenzene

Concen: 20.38 ug/l

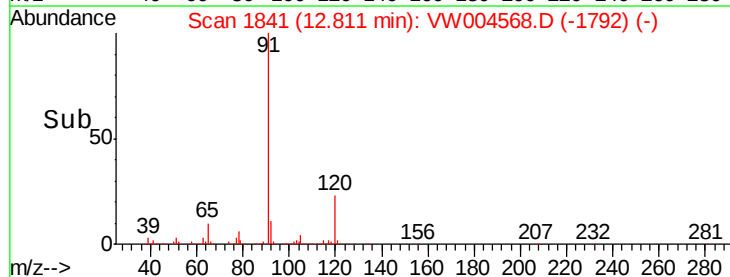
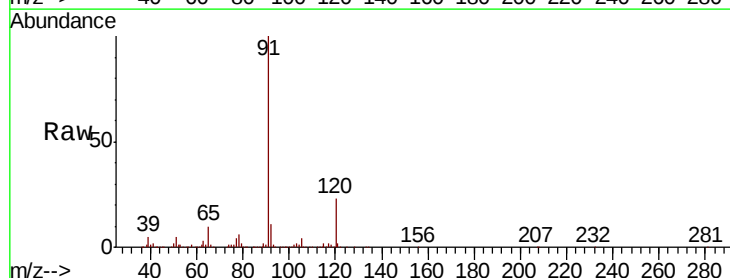
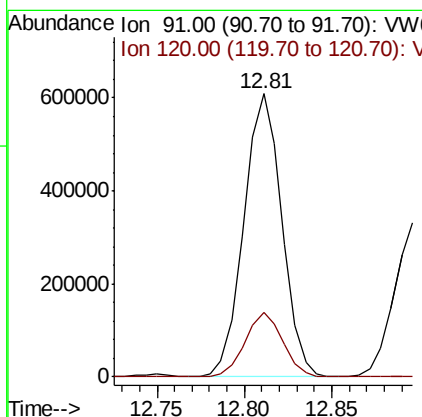
RT: 12.81 min Scan# 1841

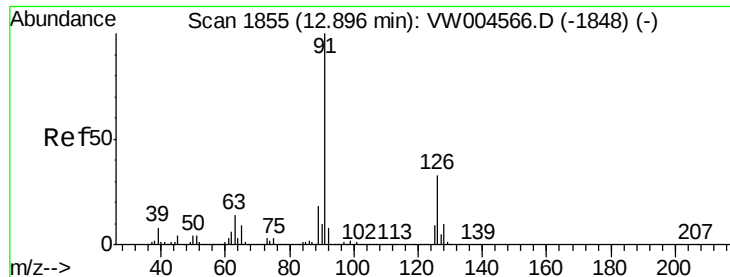
Delta R.T. 0.00 min

Lab File: VW004568.D

Acq: 09 Aug 2018 23:26

Tgt Ion:	91	Resp:	920396
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.9





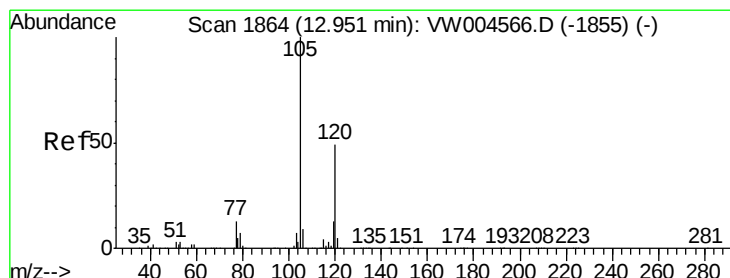
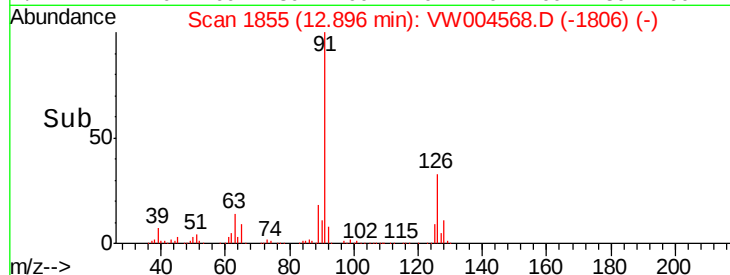
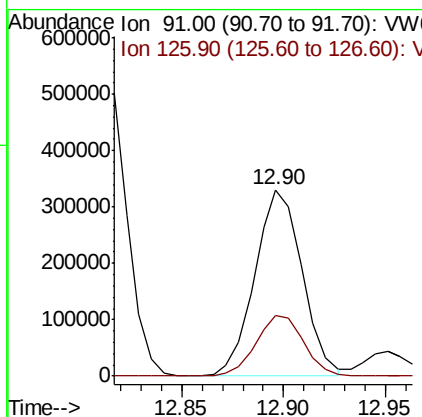
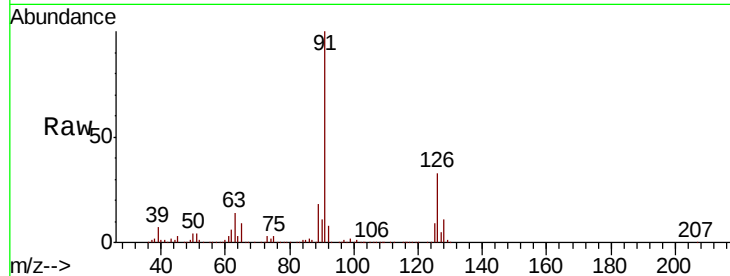
#79
 2-Chlorotoluene
 Concen: 20.37 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion: 91 Resp: 532536
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8

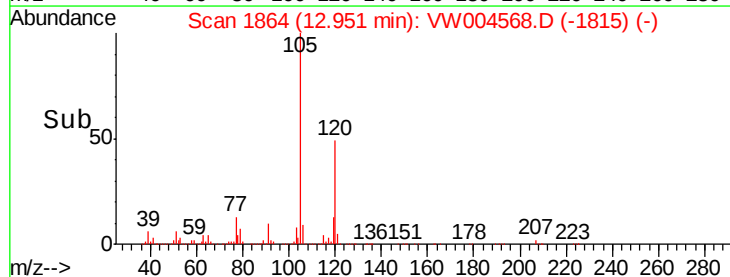
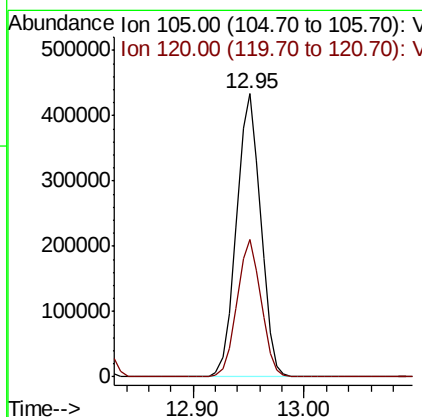
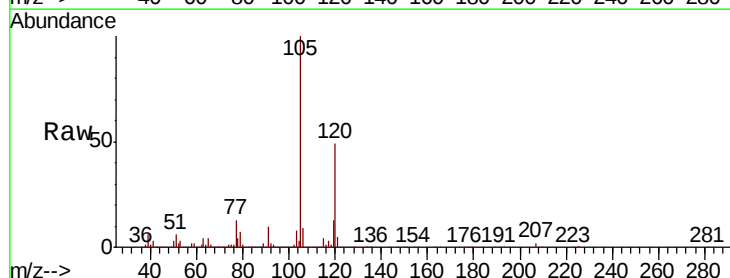
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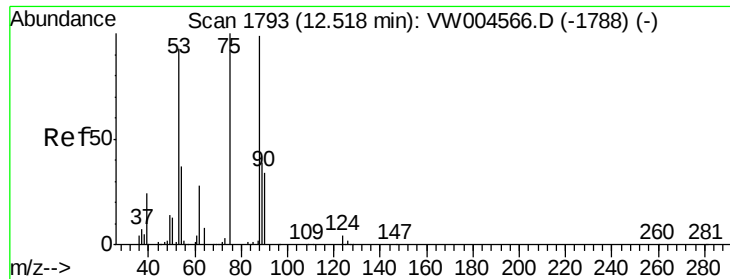
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.88 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion: 105 Resp: 651901
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 73.8





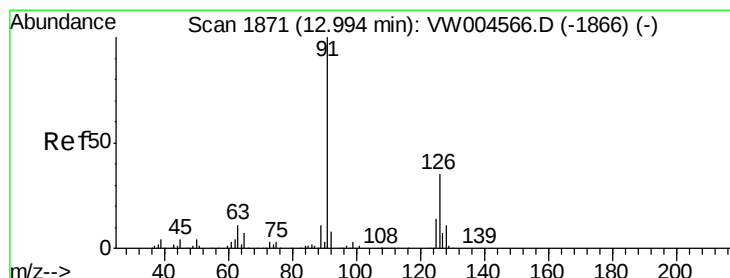
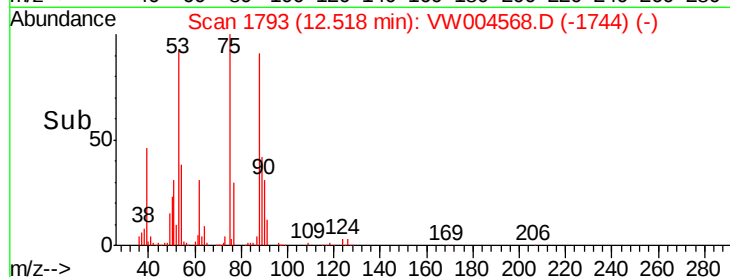
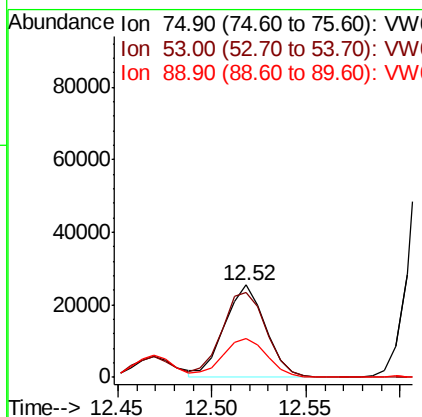
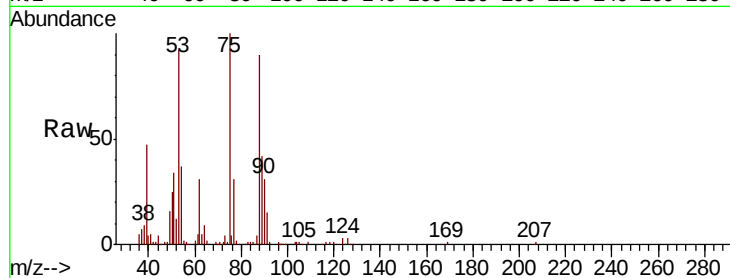
#81
trans-1,4-Dichloro-2-butene
Concen: 16.65 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.8	74.4	111.6
89	46.5	35.9	53.9

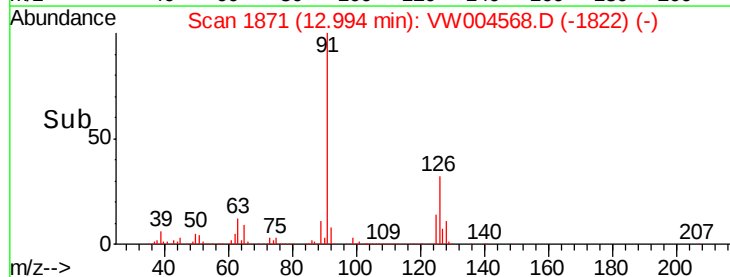
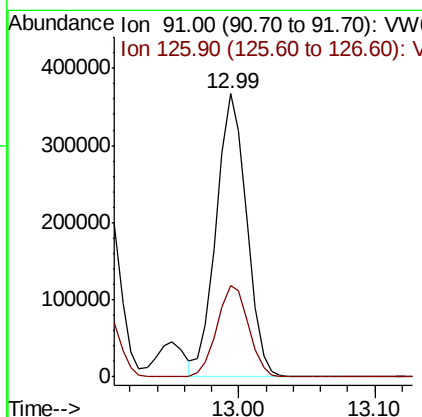
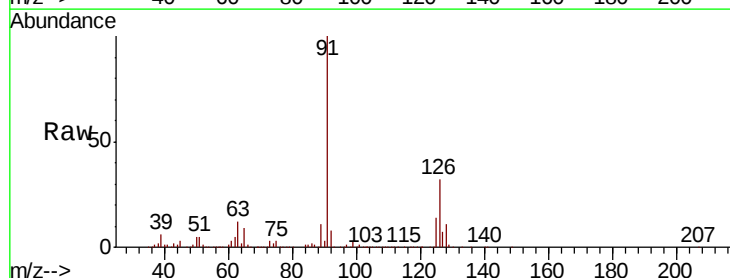
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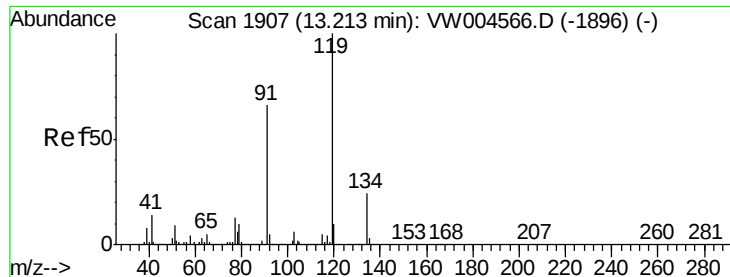
apatel
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#82
4-Chlorotoluene
Concen: 20.55 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.5	49.5





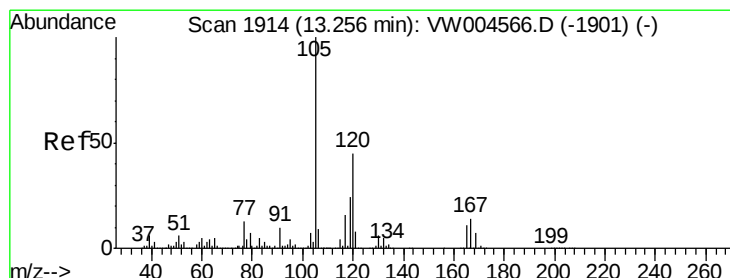
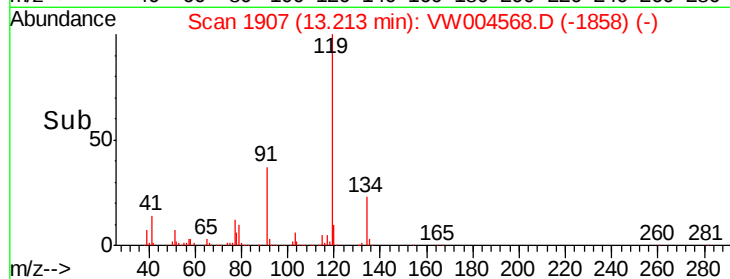
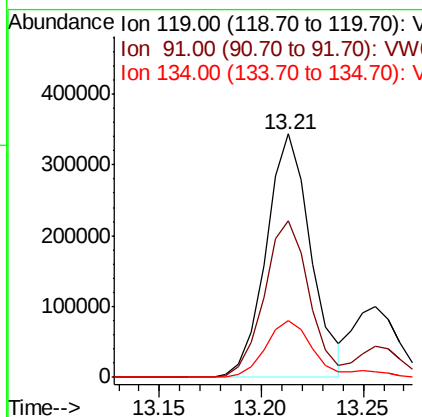
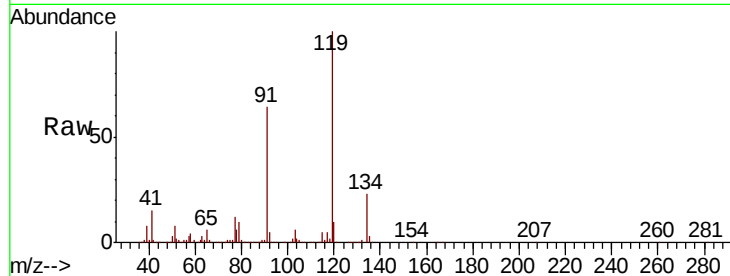
#83
tert-Butylbenzene
Concen: 19.99 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VW0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	523530		
91	64.4	33.3	99.8	
134	24.4	12.2	36.6	

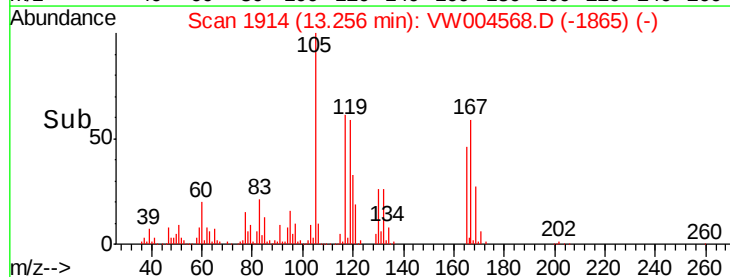
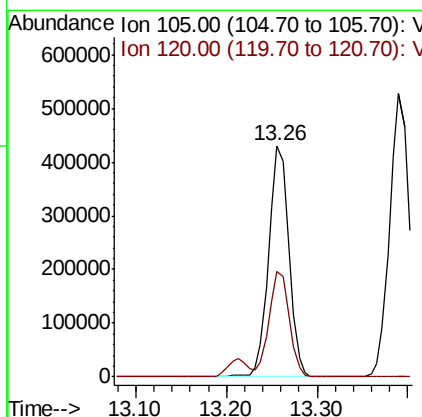
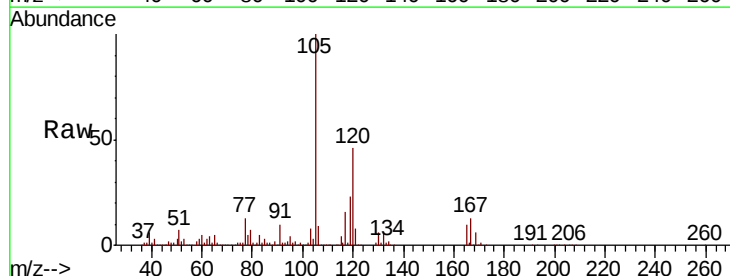
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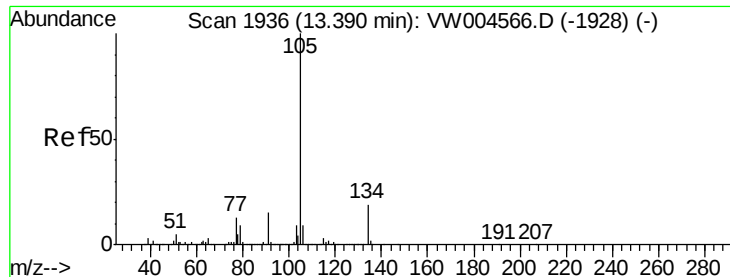
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#84
1,2,4-Trimethylbenzene
Concen: 20.66 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	667644		
120	45.3	22.6	67.8	





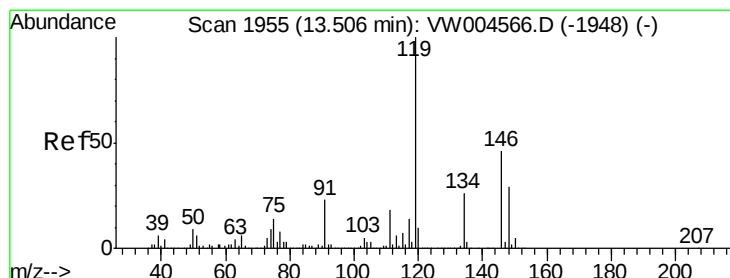
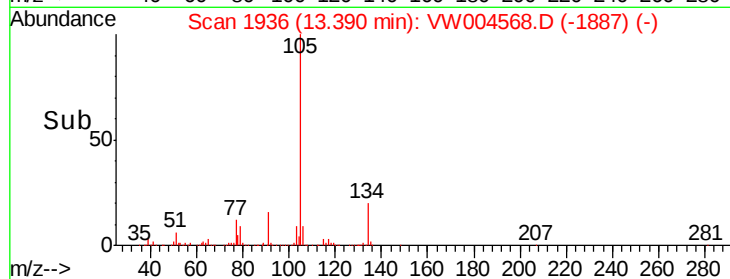
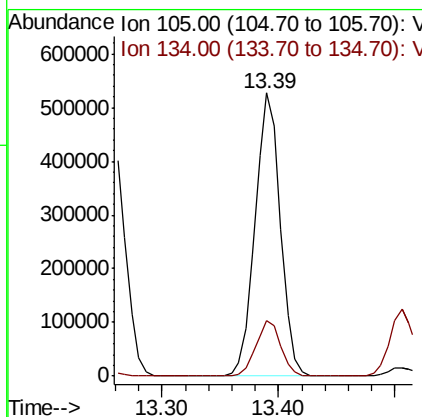
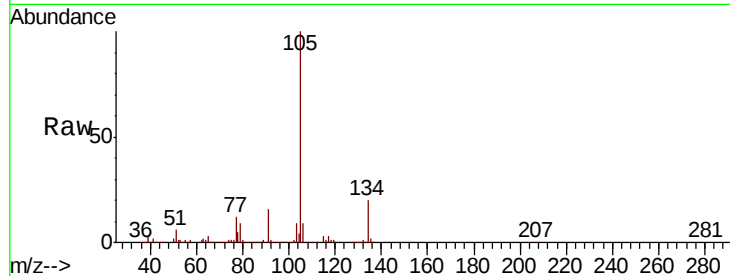
#85
 sec-Butylbenzene
 Concen: 20.15 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

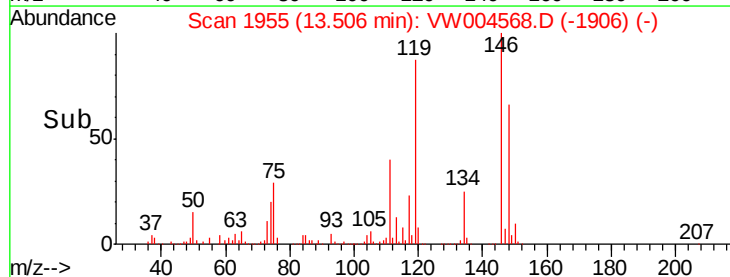
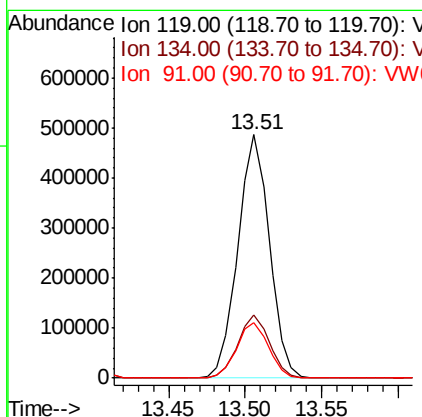
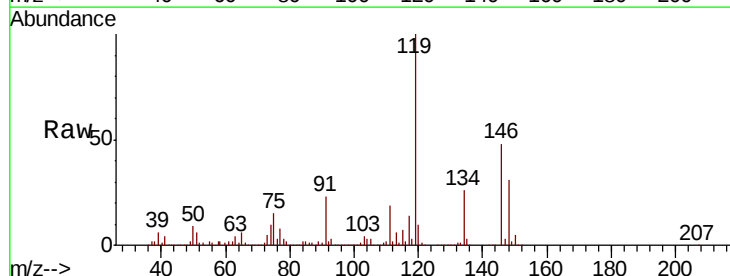
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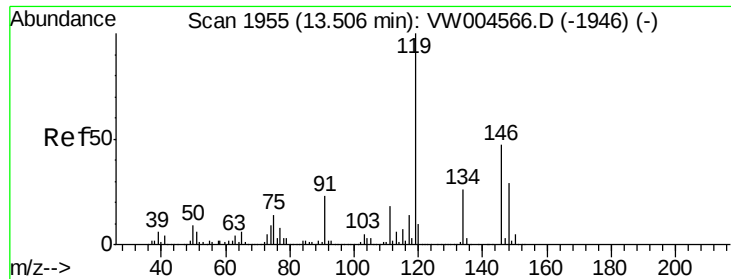
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#86
 p-Isopropyltoluene
 Concen: 20.34 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.1
91	23.0	11.4	34.1





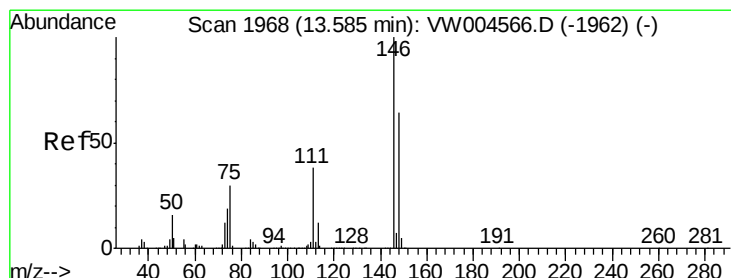
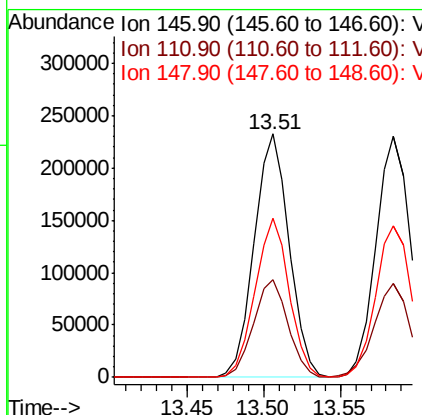
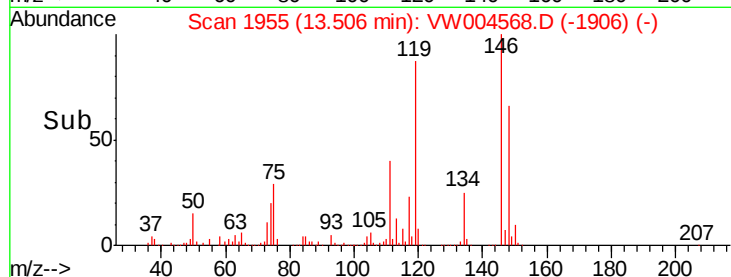
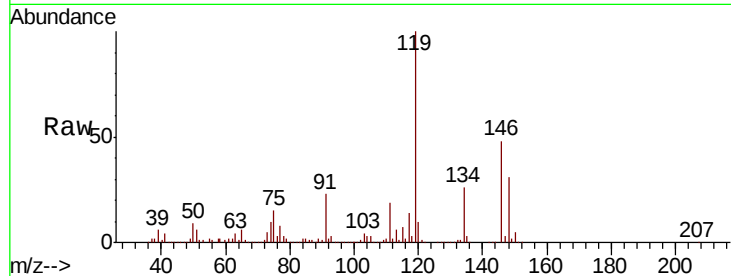
#87
 1,3-Dichlorobenzene
 Concen: 20.24 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	369297		
111	39.9	20.0	59.9	
148	64.0	31.7	95.1	

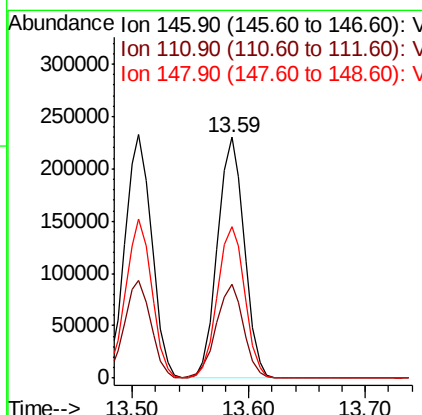
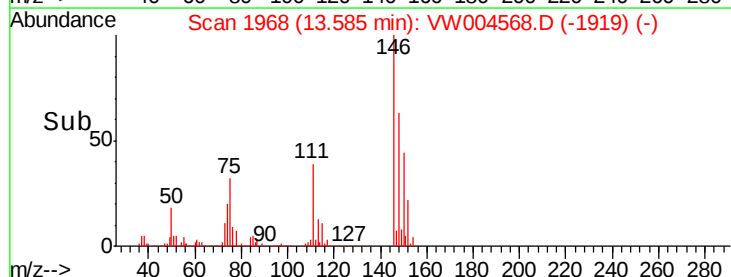
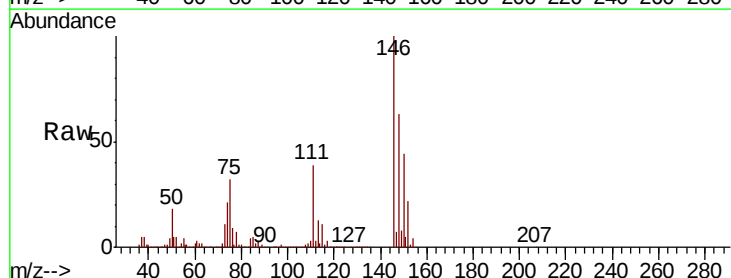
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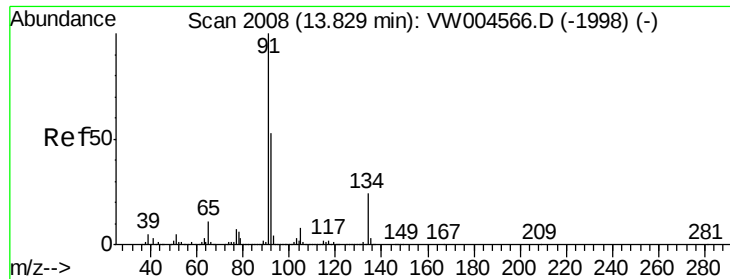
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#88
 1,4-Dichlorobenzene
 Concen: 20.08 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	364786		
111	39.9	19.6	58.8	
148	64.1	31.9	95.5	





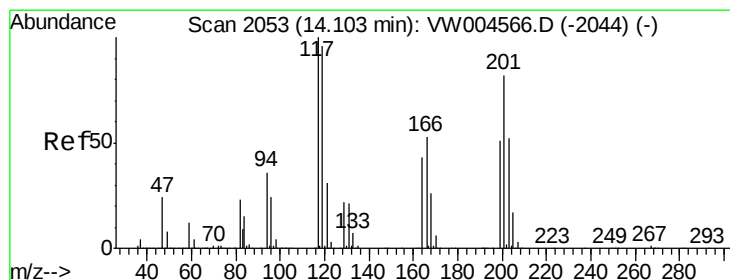
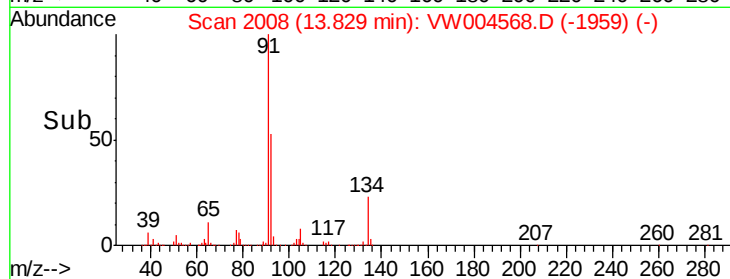
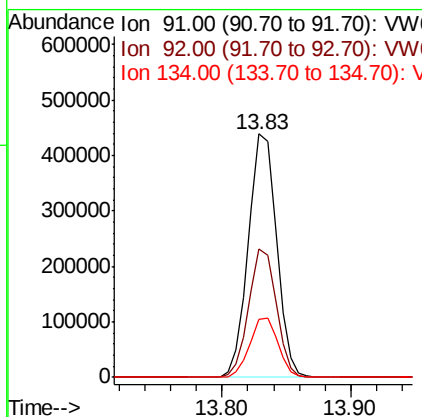
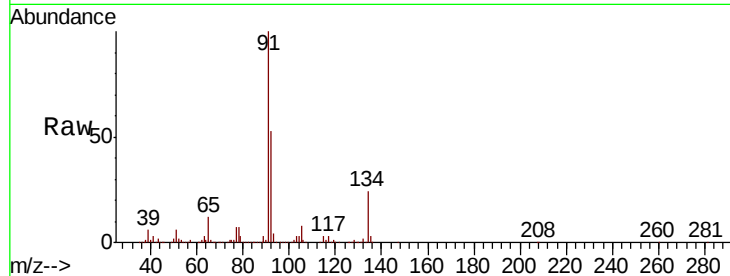
#89
n-Butylbenzene
Concen: 19.67 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.0
134	24.6	12.4	37.2

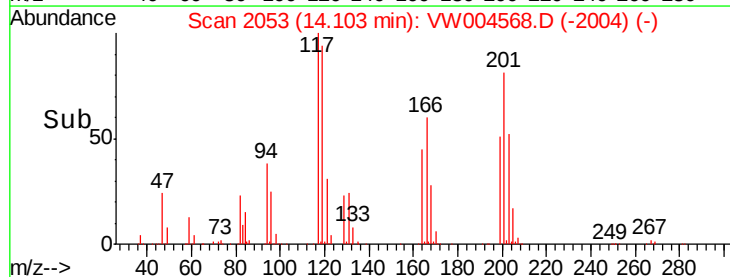
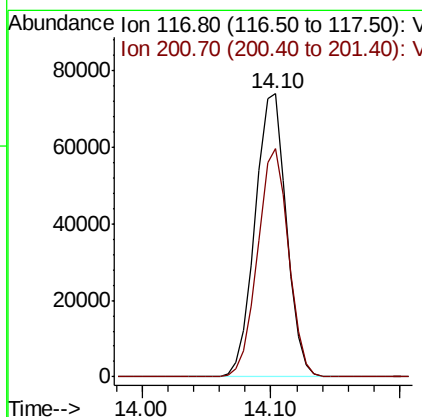
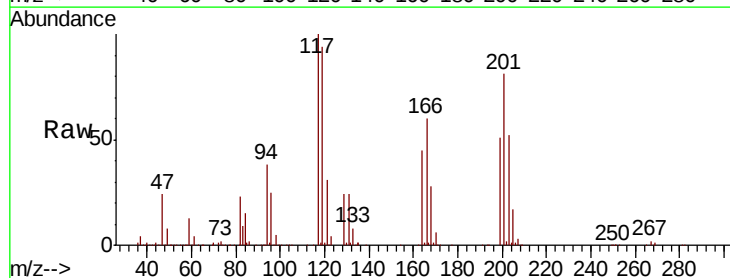
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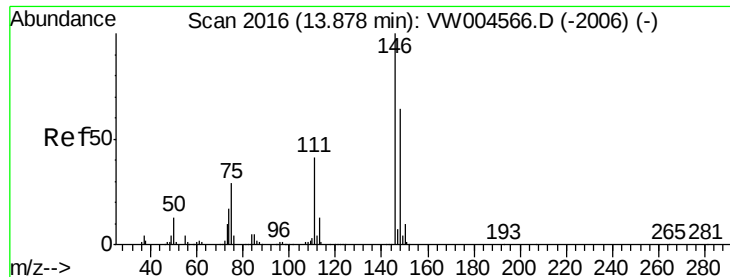
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#90
Hexachloroethane
Concen: 19.55 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	40.1	120.3





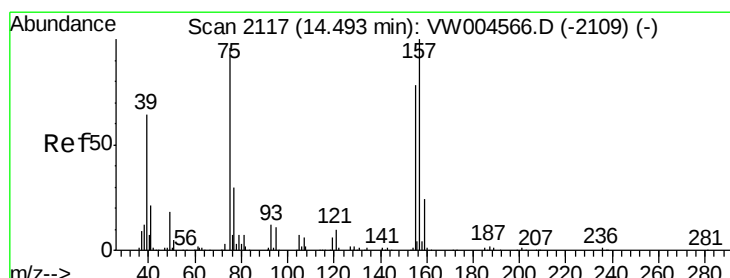
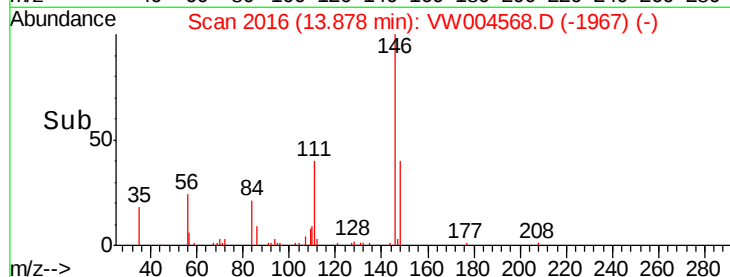
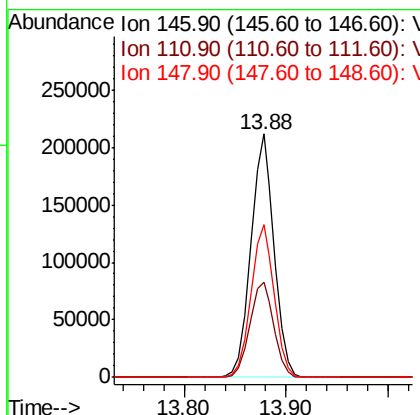
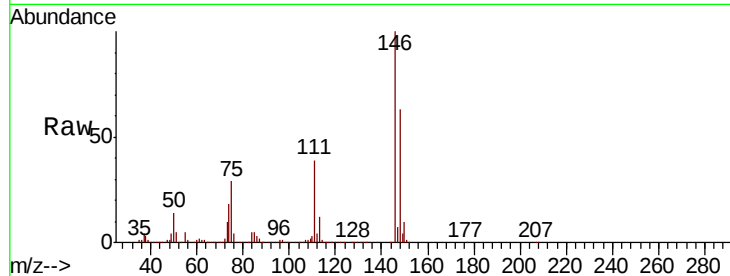
#91
 1,2-Dichlorobenzene
 Concen: 20.15 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	333583		
111	40.7		20.8	62.2
148	63.0		31.8	95.4

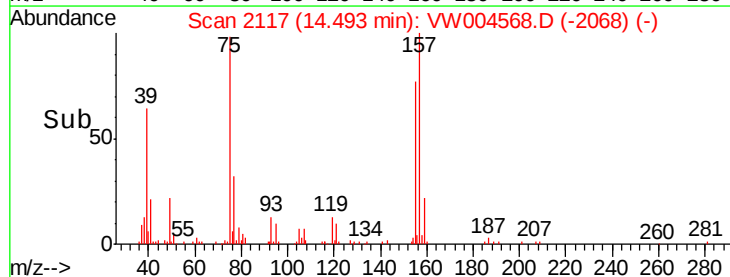
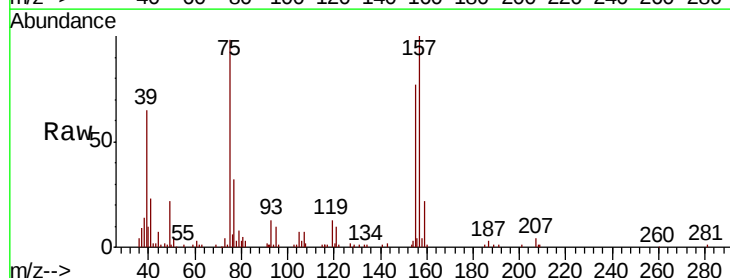
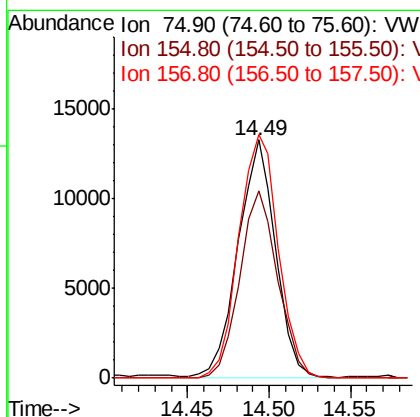
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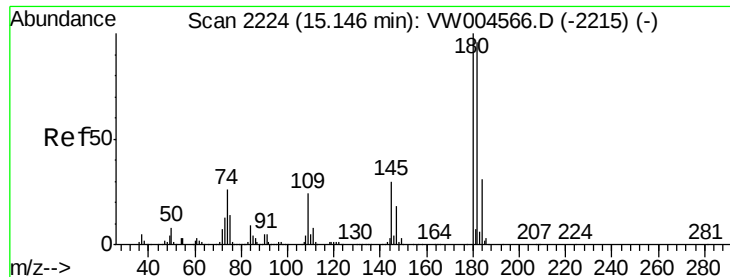
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.07 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21318		
155	78.9		41.3	123.7
157	107.0		52.6	157.8





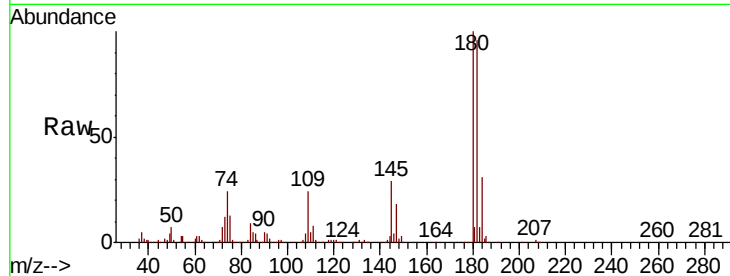
#93
 1,2,4-Trichlorobenzene
 Concen: 19.31 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	221338		
182	97.3	47.9	143.6	
145	30.0	14.9	44.9	

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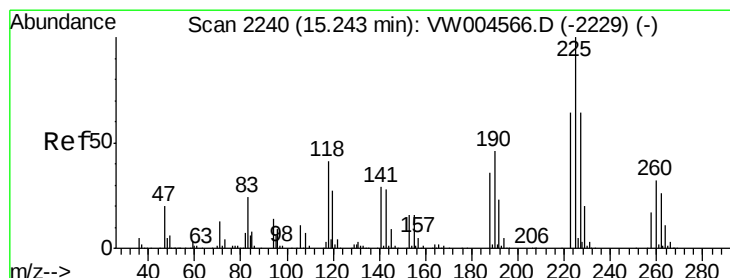
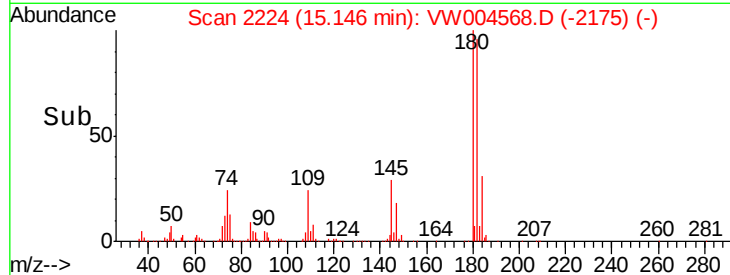
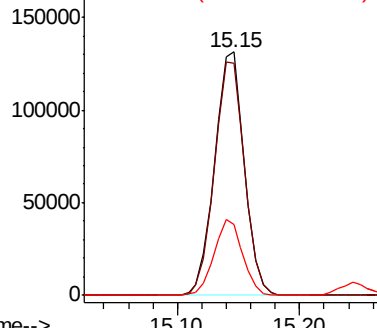


Abundance

Ion 179.80 (179.50 to 180.50): V

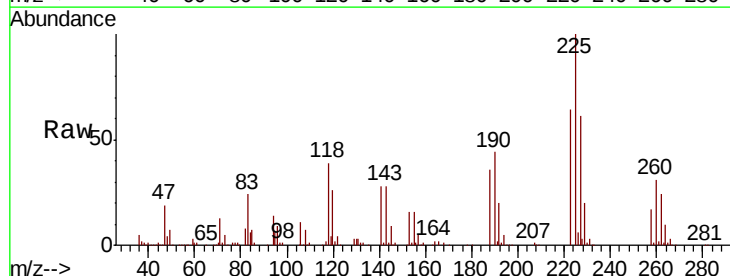
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.96 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004568.D
 Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	133229		
223	63.4	31.3	93.8	
227	63.7	31.8	95.4	

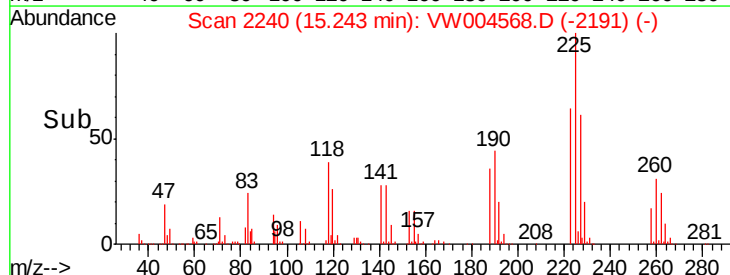
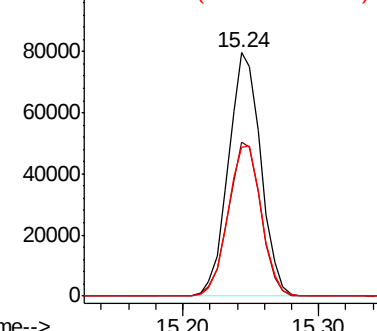


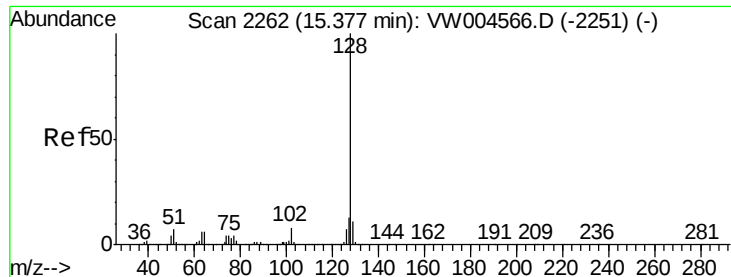
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





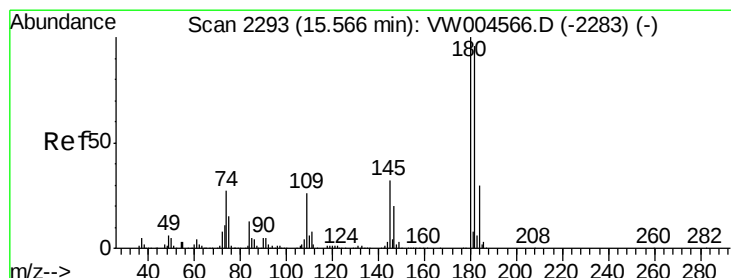
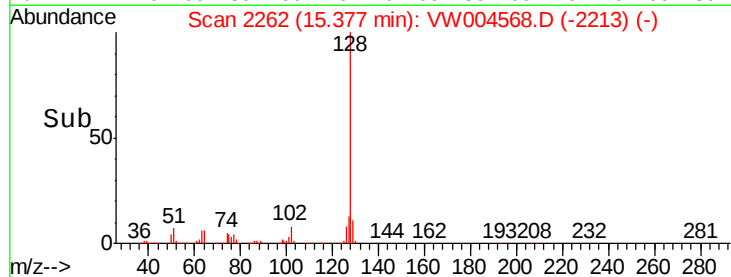
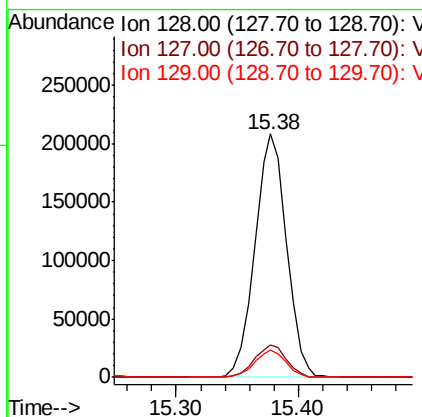
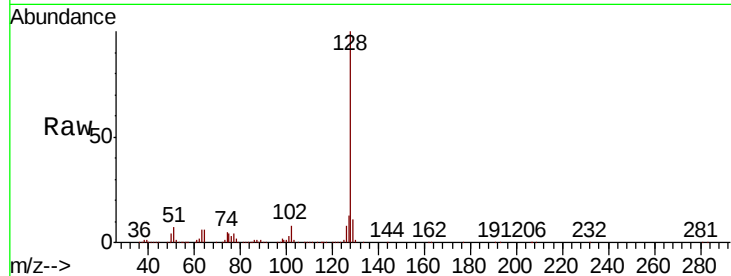
#95
Naphthalene
Concen: 17.78 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.0	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 19.53 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004568.D
Acq: 09 Aug 2018 23:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	31.1	15.9	47.6

