

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004155.D
 Acq On : 24 Jul 2018 00:43
 Operator : SY/AP
 Sample : VW0723SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Manual Integrations
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apatel
 7/24/2018 11:50:07 AM

Quant Time: Jul 24 06:42:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149255	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
35) Dibromofluoromethane	7.88	113	132493	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.33	98	512666	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.62	95	180547	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23727m	17.36	ug/l	
3) Chloromethane	2.21	50	40784	22.67	ug/l	96
4) Vinyl Chloride	2.36	62	51728	20.91	ug/l	100
5) Bromomethane	2.76	94	32774	21.20	ug/l	99
6) Chloroethane	2.92	64	27817	19.79	ug/l	96
7) Trichlorofluoromethane	3.25	101	20617	19.85	ug/l	97
8) Diethyl Ether	3.67	74	25823	21.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	50460	21.05	ug/l	97
10) Methyl Iodide	4.26	142	72895	21.18	ug/l	99
11) Tert butyl alcohol	5.20	59	18549	98.79	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	49316	20.85	ug/l	98
13) Acrolein	3.89	56	18418	95.46	ug/l	99
14) Allyl chloride	4.65	41	81998	21.01	ug/l	99
15) Acrylonitrile	5.37	53	70402	113.96	ug/l	96
16) Acetone	4.13	43	60510	92.58	ug/l	96
17) Carbon Disulfide	4.37	76	157382	21.32	ug/l	100
18) Methyl Acetate	4.67	43	36492	23.26	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	98466	21.73	ug/l	99
20) Methylene Chloride	4.90	84	64416	17.16	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56228	21.69	ug/l	92
22) Diisopropyl ether	6.31	45	183102	23.21	ug/l	99
23) Vinyl Acetate	6.26	43	539896	108.01	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106446	22.11	ug/l	99
25) 2-Butanone	7.18	43	95762	108.87	ug/l	97
26) 2,2-Dichloropropane	7.17	77	50369	18.23	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59405	21.20	ug/l	99
28) Bromochloromethane	7.51	49	47494	24.11	ug/l	96
29) Tetrahydrofuran	7.53	42	62863	114.74	ug/l	99
30) Chloroform	7.68	83	107402	22.43	ug/l	99
31) Cyclohexane	7.95	56	93584	20.74	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	79922	21.38	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82800	20.30	ug/l	99
37) Ethyl Acetate	7.26	43	43300	22.01	ug/l	98
38) Carbon Tetrachloride	8.07	117	75459	19.80	ug/l	97

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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	89372	18.71	ug/l	95
40) Benzene	8.32	78	242027	21.39	ug/l	100
41) Methacrylonitrile	7.49	41	24971	22.91	ug/l	90
42) 1,2-Dichloroethane	8.40	62	75310	21.82	ug/l	99
43) Isopropyl Acetate	8.43	43	80452	21.87	ug/l	99
44) Trichloroethene	9.09	130	59624	20.33	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62766	21.73	ug/l	99
46) Dibromomethane	9.46	93	32806	21.89	ug/l	99
47) Bromodichloromethane	9.65	83	78460	21.24	ug/l	99
48) Methyl methacrylate	9.45	41	37464	21.06	ug/l	99
49) 1,4-Dioxane	9.46	88	10750	466.70	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	218010	111.22	ug/l	98
52) Toluene	10.39	92	148926	21.29	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	77235	19.99	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	88225	19.96	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	47216	22.40	ug/l	98
56) Ethyl methacrylate	10.65	69	56604	20.62	ug/l	96
57) 1,3-Dichloropropane	10.93	76	79994	21.85	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	144448	115.53	ug/l	99
59) 2-Hexanone	10.98	43	149968	108.55	ug/l	96
60) Dibromochloromethane	11.13	129	51896	21.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43111	21.50	ug/l	95
64) Tetrachloroethene	10.87	164	57427	22.45	ug/l	98
65) Chlorobenzene	11.66	112	160669	20.27	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	55868	20.28	ug/l	98
67) Ethyl Benzene	11.74	91	273505	19.64	ug/l	97
68) m/p-Xylenes	11.85	106	213909	40.19	ug/l	99
69) o-Xylene	12.17	106	97529	19.75	ug/l	99
70) Styrene	12.19	104	169291	20.53	ug/l	99
71) Bromoform	12.35	173	32304	20.77	ug/l #	99
73) Isopropylbenzene	12.47	105	265195	19.08	ug/l	100
74) N-amyl acetate	12.28	43	74695	20.63	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	57236	21.29	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	46622m	23.88	ug/l	
77) Bromobenzene	12.75	156	65624	19.73	ug/l	97
78) n-propylbenzene	12.81	91	335281	19.66	ug/l	99
79) 2-Chlorotoluene	12.90	91	193286	20.10	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	230724	19.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16178	18.33	ug/l	97
82) 4-Chlorotoluene	12.99	91	204261	19.79	ug/l	98
83) tert-Butylbenzene	13.21	119	187617	19.11	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	238164	19.79	ug/l	99
85) sec-Butylbenzene	13.39	105	283281	19.44	ug/l	100
86) p-Isopropyltoluene	13.51	119	247630	19.38	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133161	20.05	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	131692	19.77	ug/l	99
89) n-Butylbenzene	13.83	91	232002	18.47	ug/l	99
90) Hexachloroethane	14.10	117	46462	19.72	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	120544	20.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10135	21.20	ug/l	93

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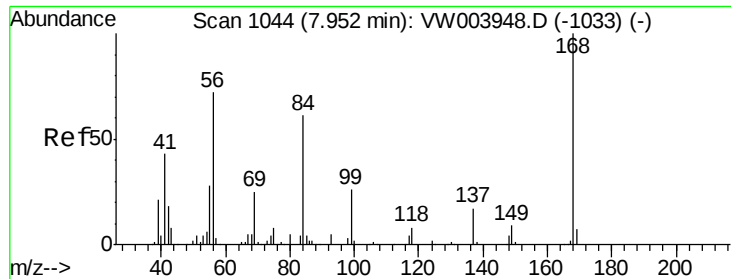
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	78470	18.88	ug/l	99
94) Hexachlorobutadiene	15.24	225	45796	19.19	ug/l	99
95) Naphthalene	15.38	128	150816	19.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73845	20.07	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion:168 Resp: 243335

Ion Ratio Lower Upper

168 100

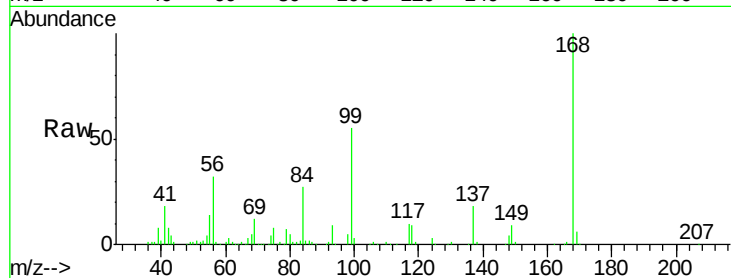
99 54.6 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

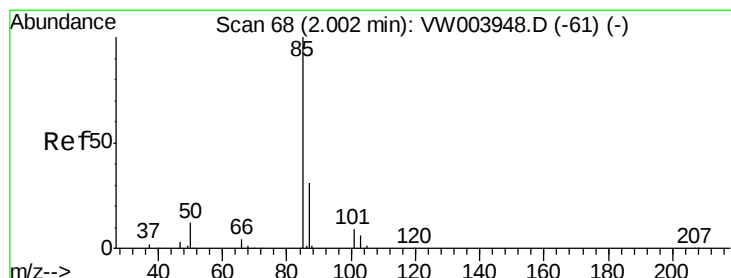
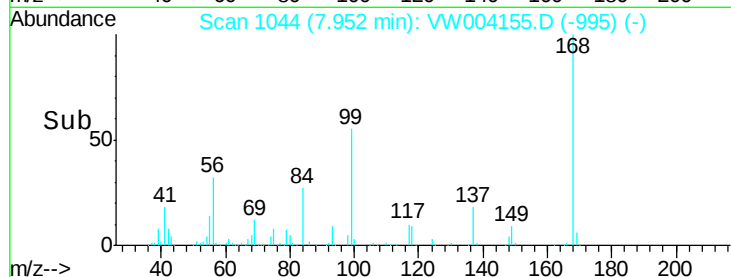
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 17.36 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004155.D

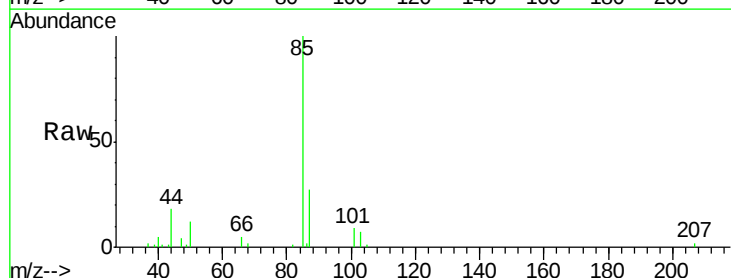
Acq: 24 Jul 2018 00:43

Tgt Ion: 85 Resp: 23727

Ion Ratio Lower Upper

85 100

87 27.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

6000

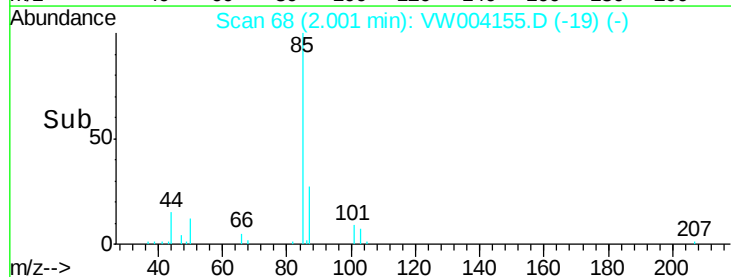
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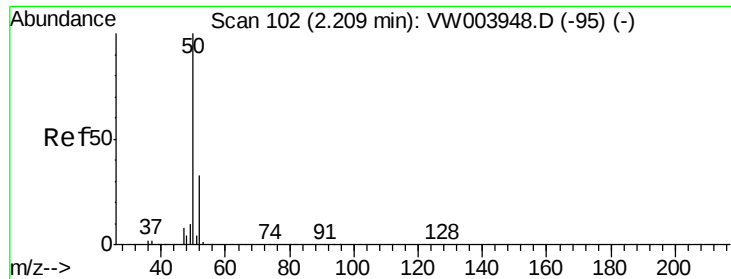
2000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 22.67 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion: 50 Resp: 40784

Ion Ratio Lower Upper

50 100

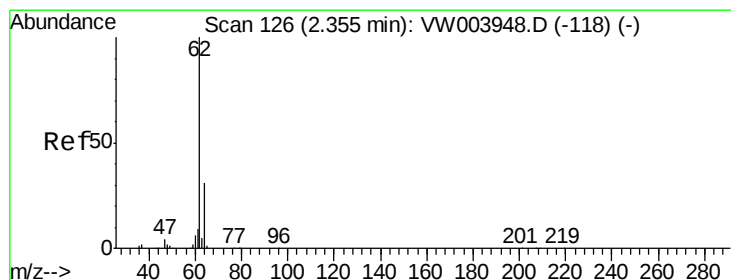
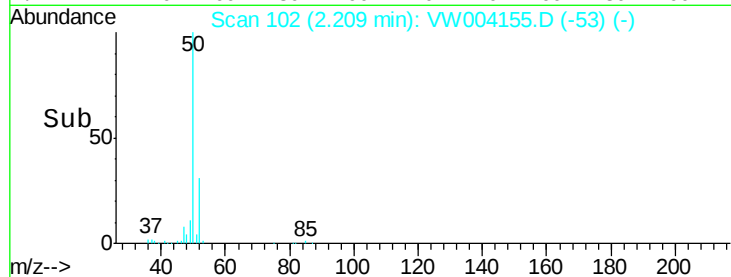
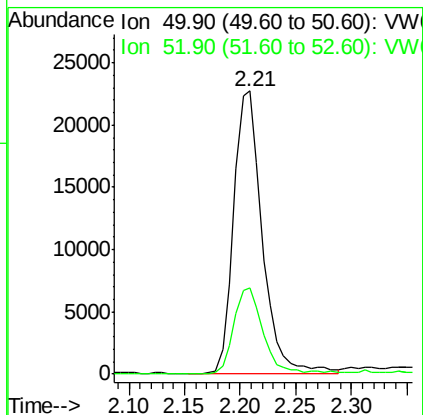
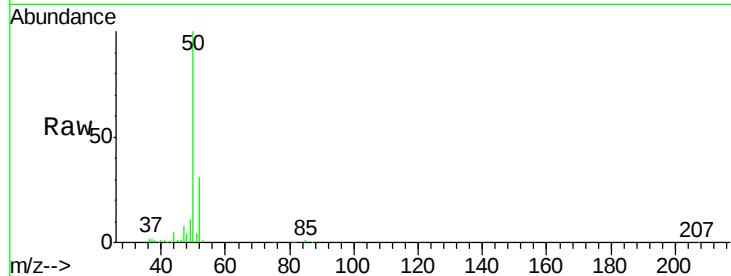
52 30.5 26.3 39.5

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#4

Vinyl Chloride

Concen: 20.91 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004155.D

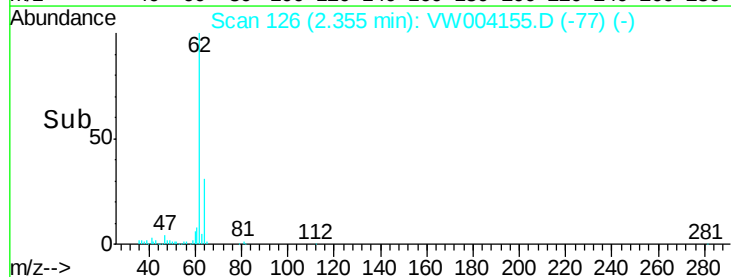
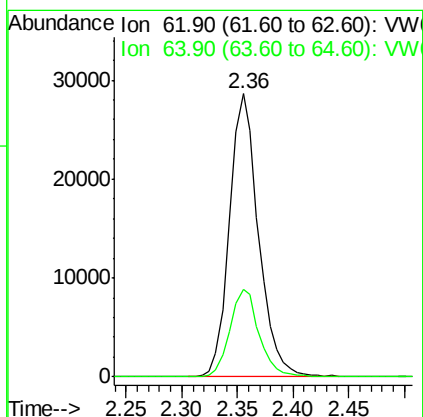
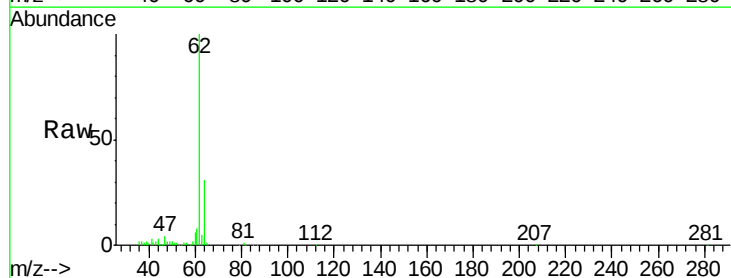
Acq: 24 Jul 2018 00:43

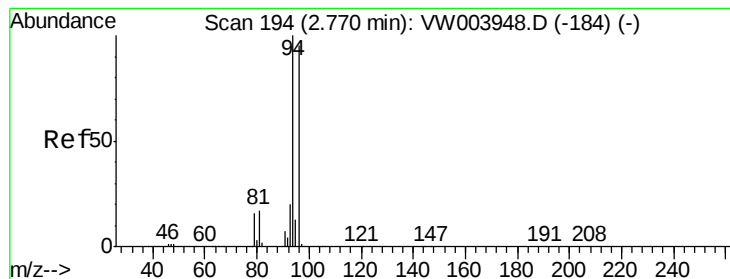
Tgt Ion: 62 Resp: 51728

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.6





#5

Bromomethane

Concen: 21.20 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

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Tot Ion: 94 Resp: 32774

Ion Ratio Lower Upper

94 100

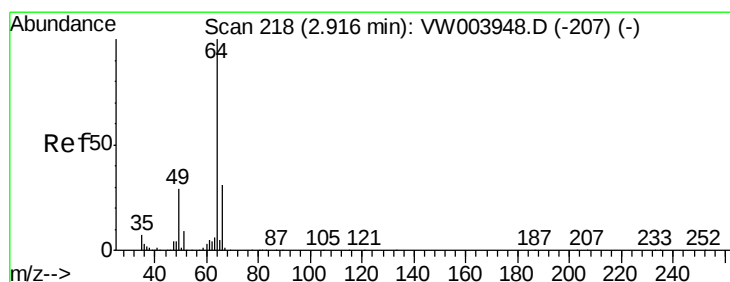
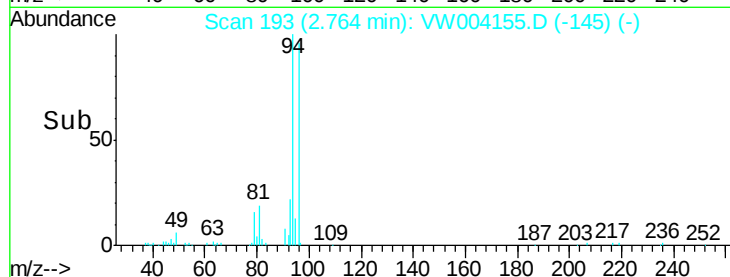
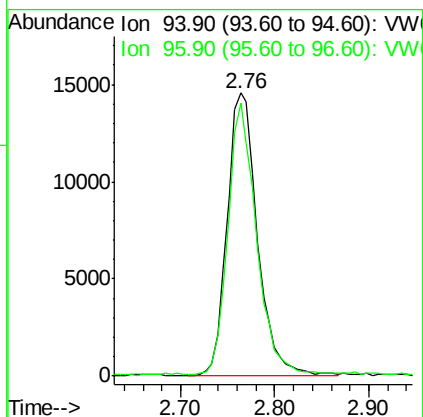
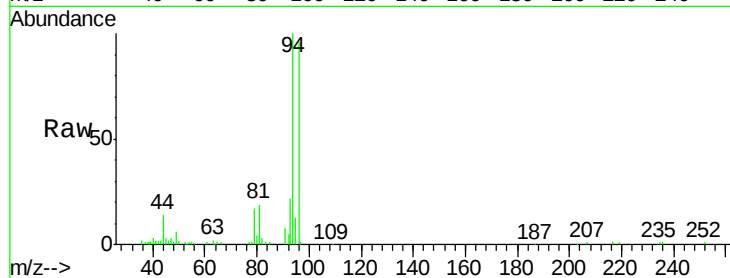
96 95.8 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 19.79 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW004155.D

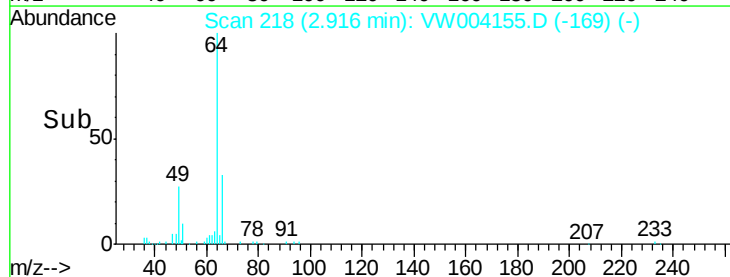
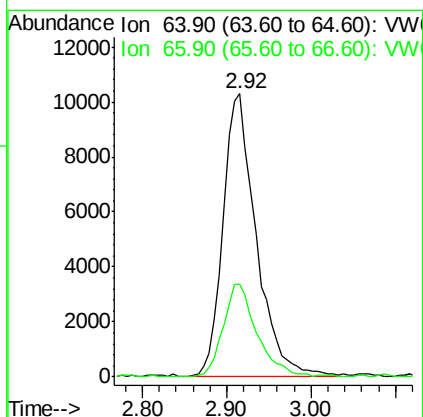
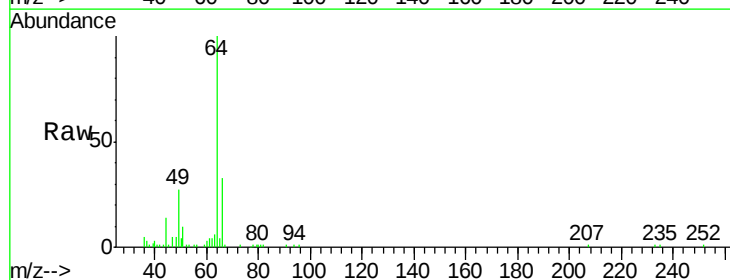
Acq: 24 Jul 2018 00:43

Tgt Ion: 64 Resp: 27817

Ion Ratio Lower Upper

64 100

66 32.8 24.5 36.7





#7

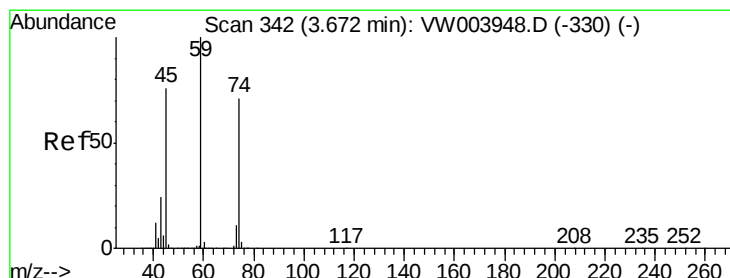
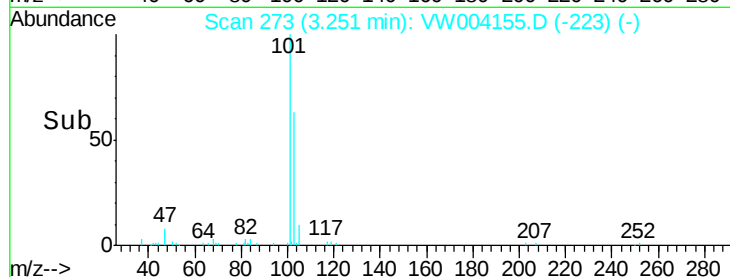
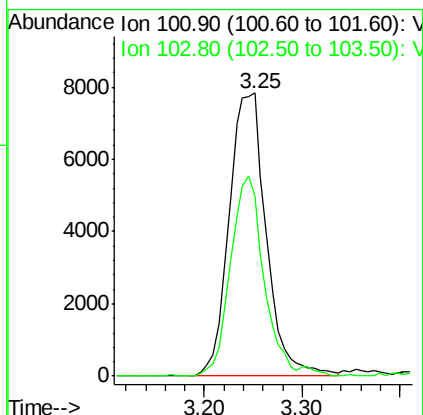
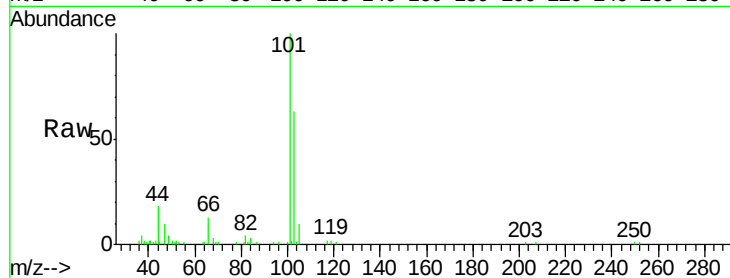
Trichlorofluoromethane
 Concen: 19.85 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	49.0	73.6

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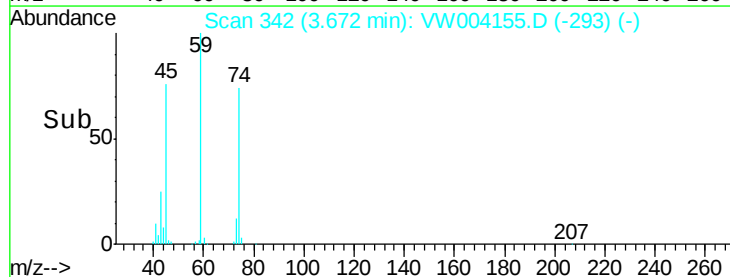
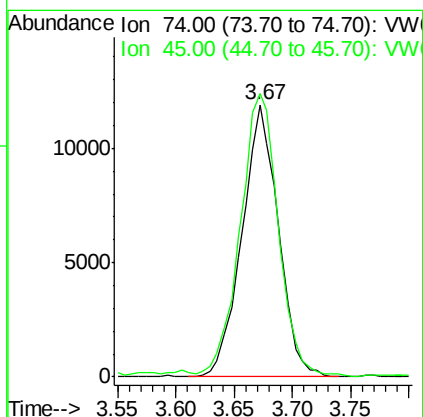
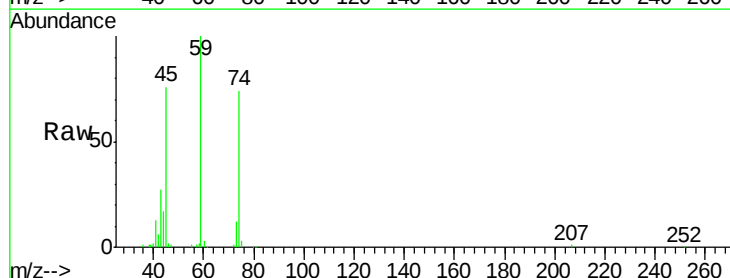
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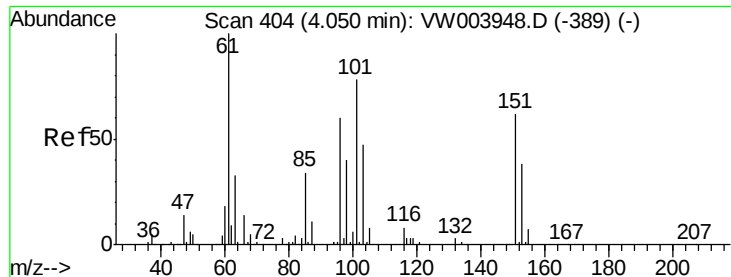


#8

Diethyl Ether
 Concen: 21.42 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.1	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.05 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

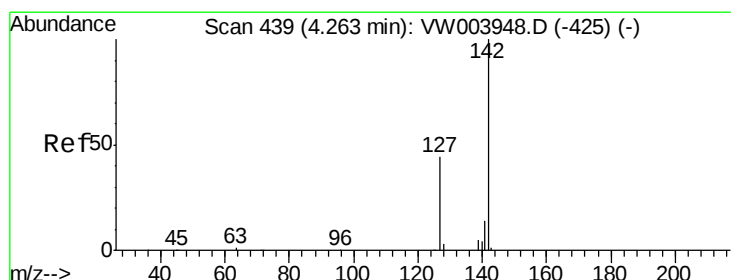
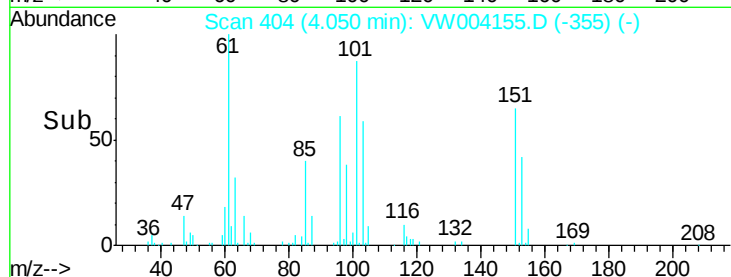
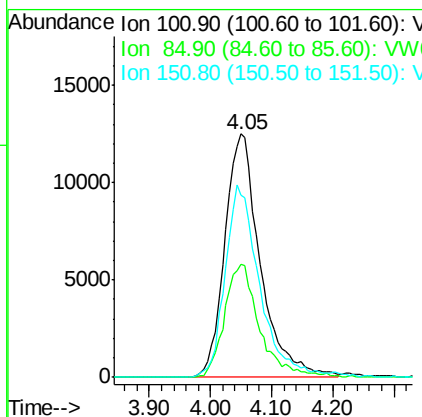
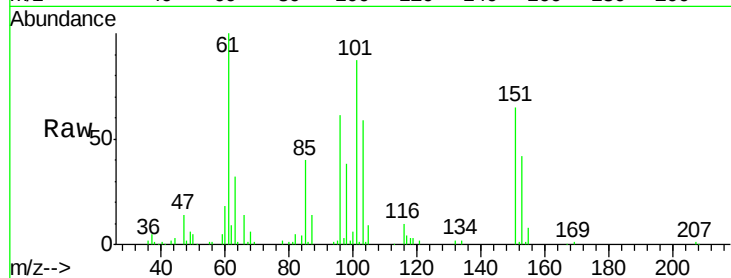
ClientSampleId :

VW0723SBS02

Tot Ion:	101	Resp:	50460
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.8	53.6
151	76.3	63.6	95.4

Manual Integrations
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#10

Methyl Iodide

Concen: 21.18 ug/l

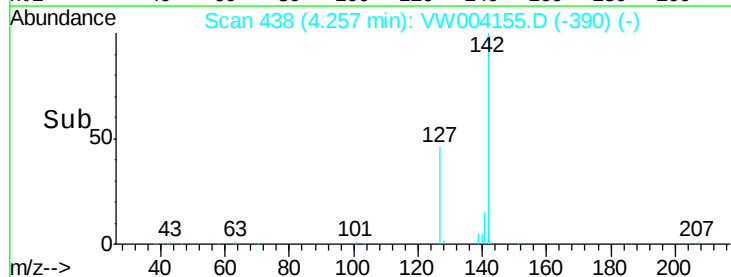
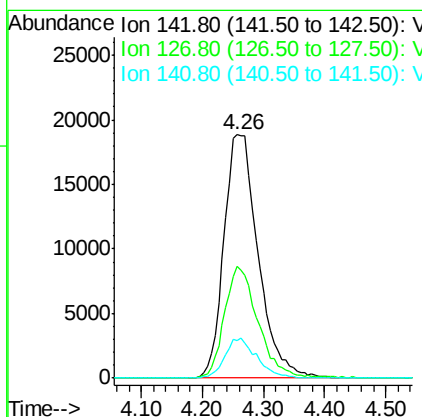
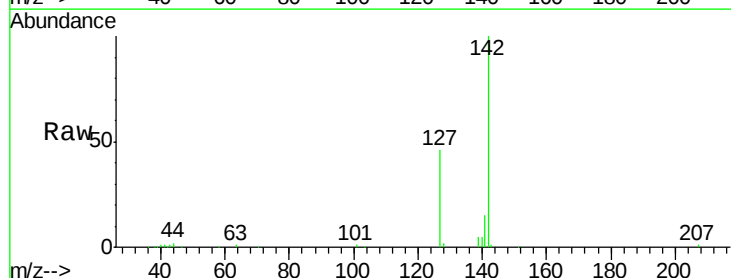
RT: 4.26 min Scan# 438

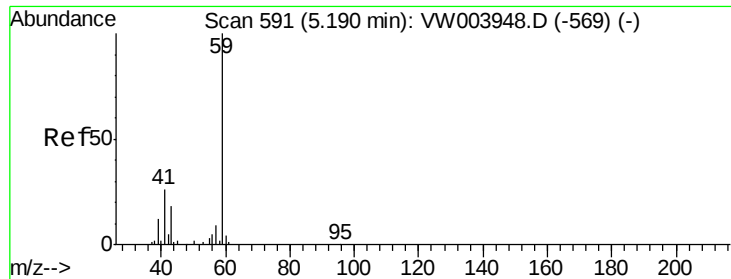
Delta R.T. -0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Tgt Ion:	142	Resp:	72895
Ion Ratio	Lower	Upper	
142	100		
127	44.5	35.4	53.2
141	15.2	11.7	17.5





#11

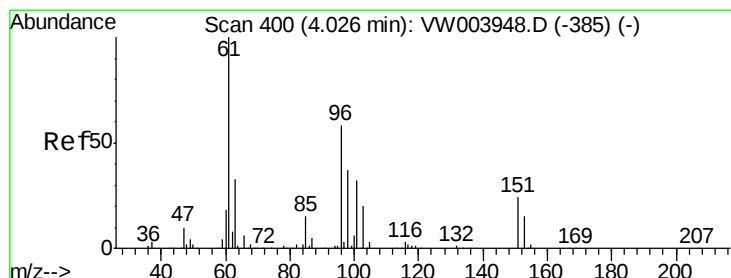
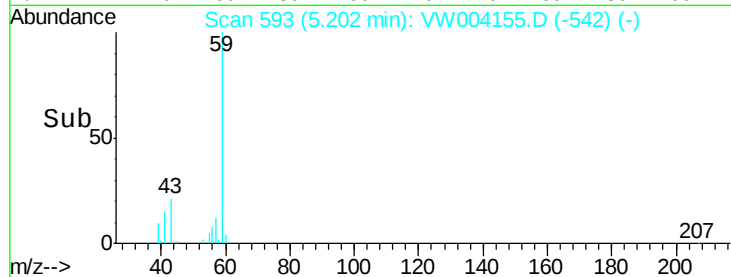
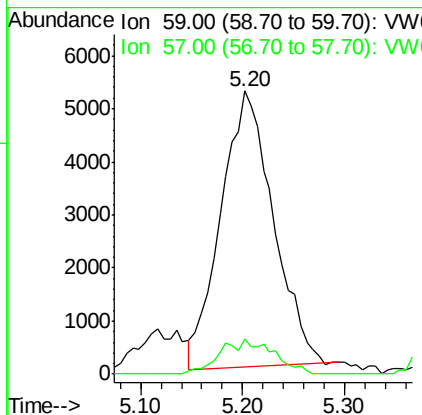
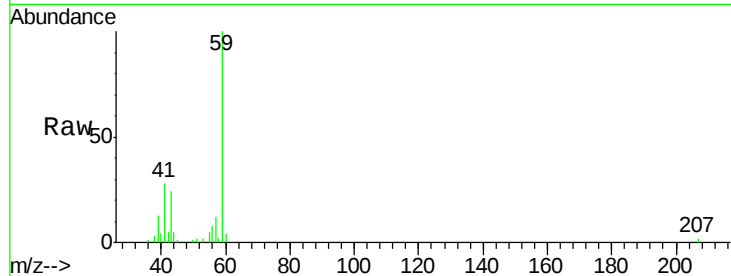
Tert butyl alcohol
 Concen: 98.79 ug/l
 RT: 5.20 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	59	Resp	18549
Ion Ratio	100	Lower	Upper
57	5.3	8.5	12.7#

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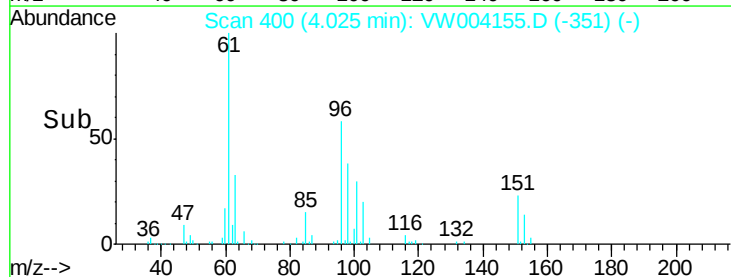
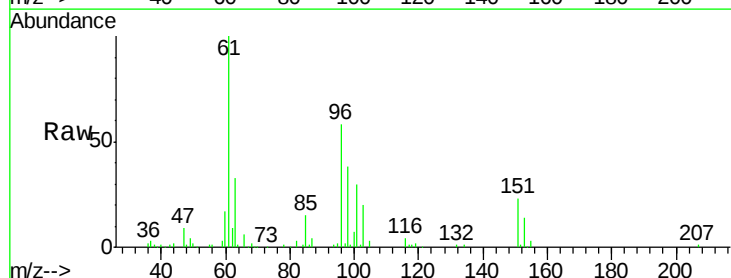
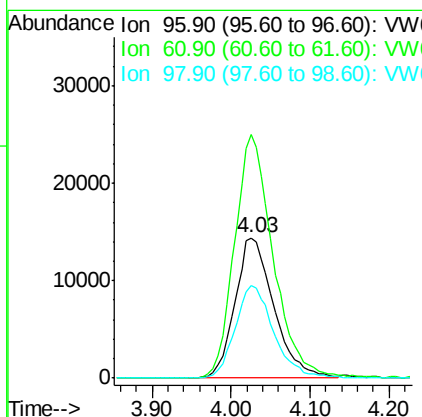
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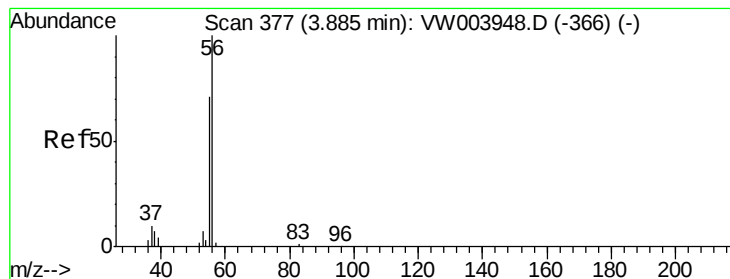


#12

1,1-Dichloroethene
 Concen: 20.85 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	96	Resp	49316
Ion Ratio	100	Lower	Upper
61	173.3	137.0	205.6
98	65.7	50.2	75.4





#13

Acrolein

Concen: 95.46 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion: 56 Resp: 18418

Ion Ratio Lower Upper

56 100

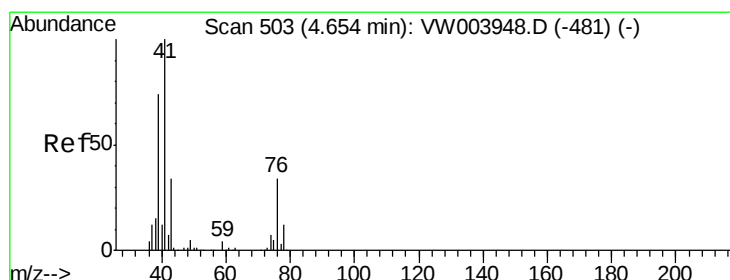
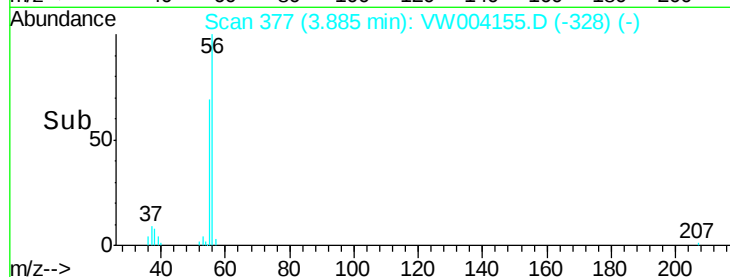
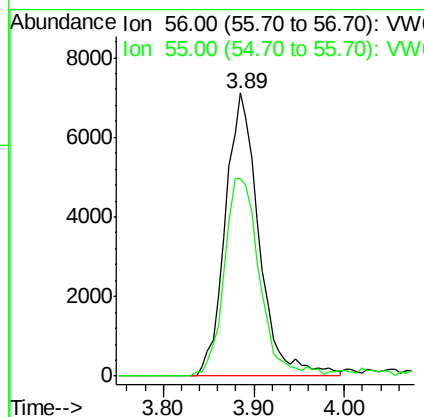
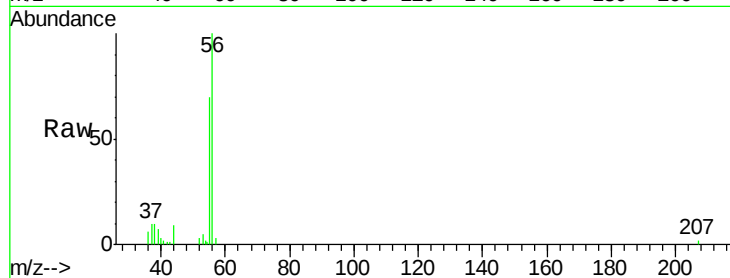
55 71.6 58.2 87.4

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#14

Allyl chloride

Concen: 21.01 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

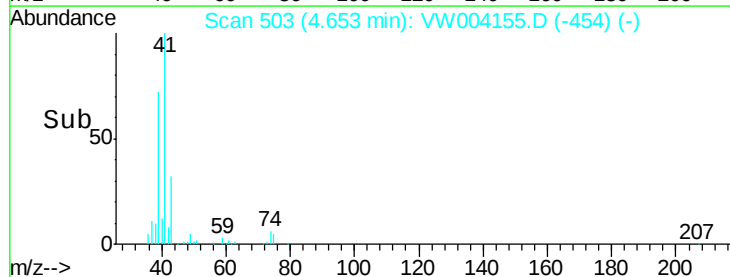
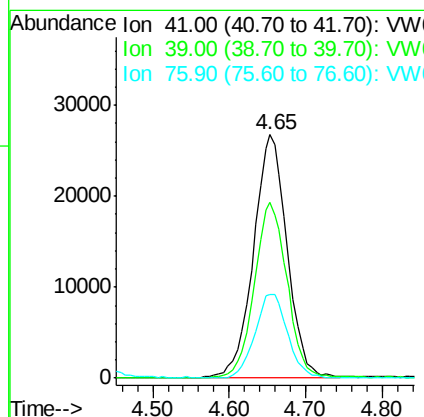
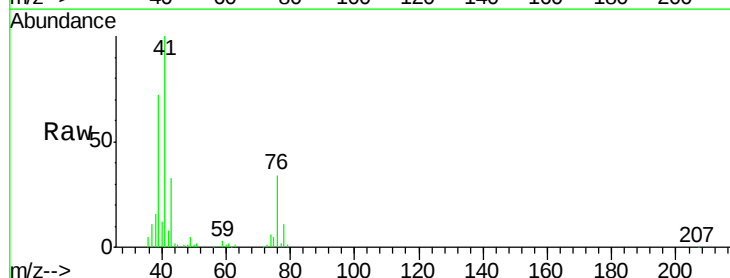
Tgt Ion: 41 Resp: 81998

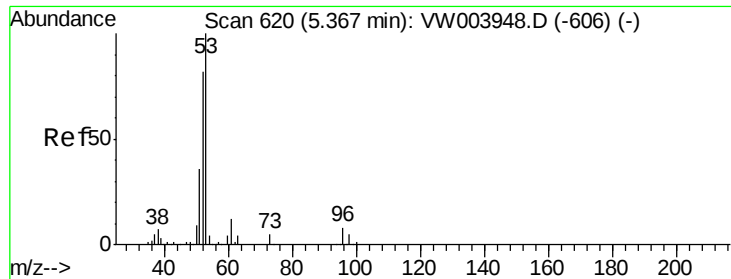
Ion Ratio Lower Upper

41 100

39 70.1 57.0 85.4

76 33.6 26.5 39.7





#15

Acrylonitrile

Concen: 113.96 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

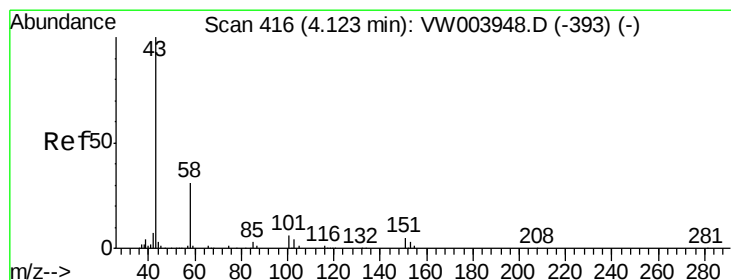
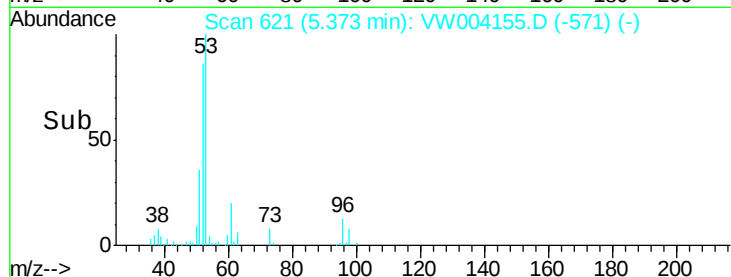
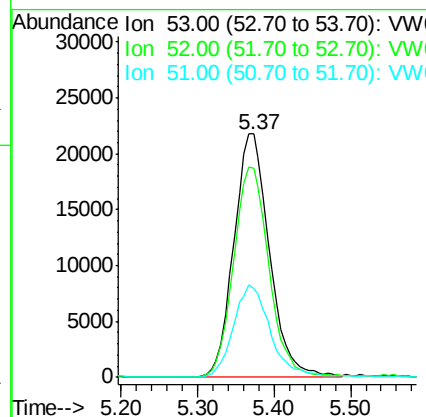
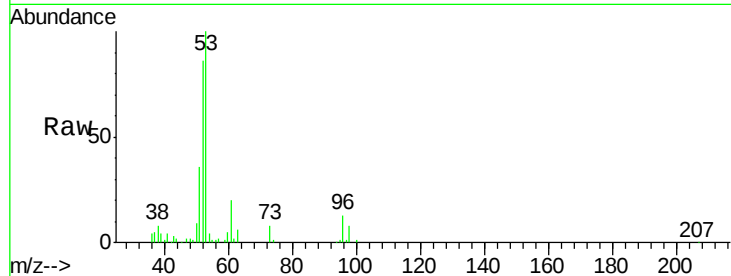
ClientSampleId :

VW0723SBS02

Tot Ion:	53	Resp:	70402
Ion	Ratio	Lower	Upper
53	100		
52	85.8	66.1	99.1
51	39.4	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 92.58 ug/l

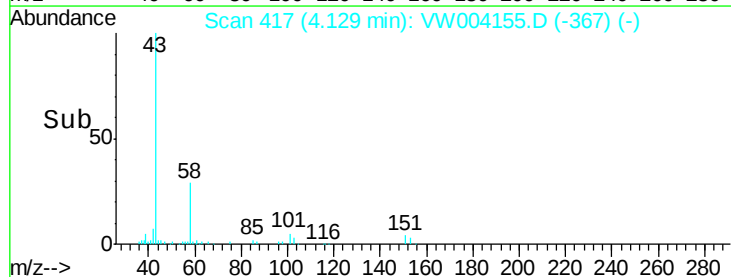
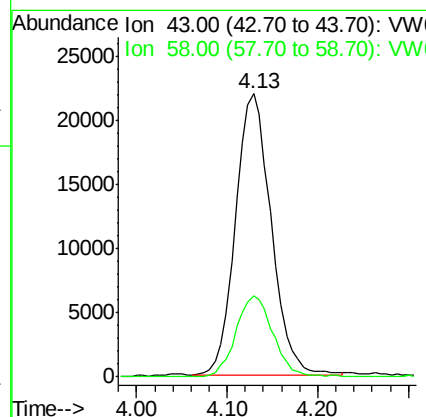
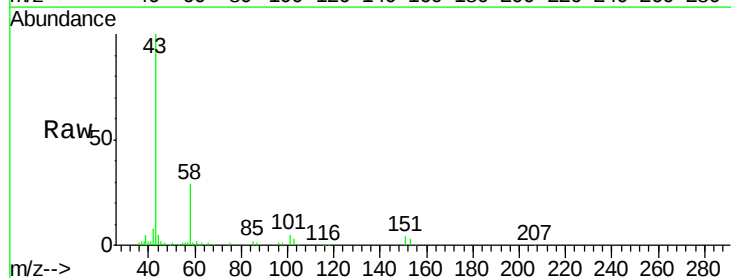
RT: 4.13 min Scan# 417

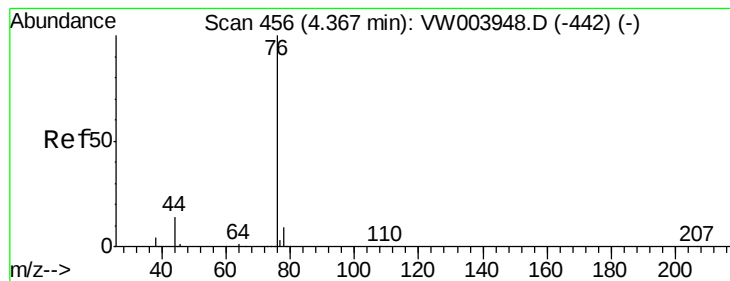
Delta R.T. 0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Tgt Ion:	43	Resp:	60510
Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.5	36.7





#17

Carbon Disulfide

Concen: 21.32 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion: 76 Resp: 157382

Ion Ratio Lower Upper

76 100

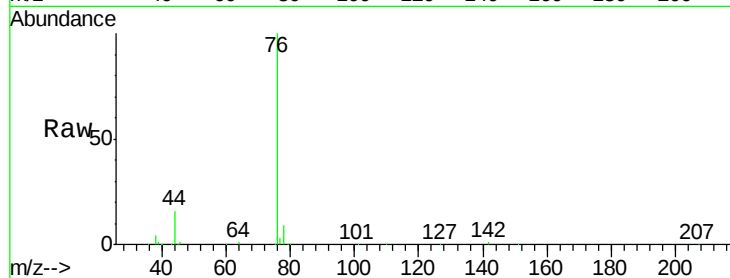
78 9.1 7.1 10.7

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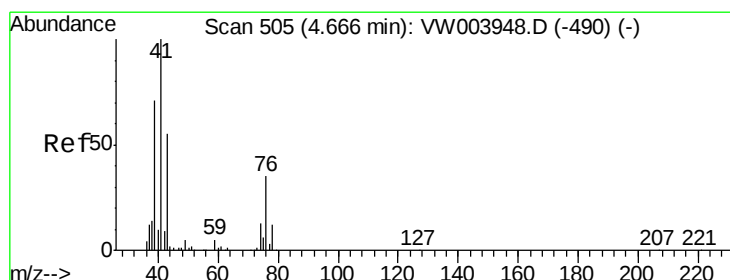
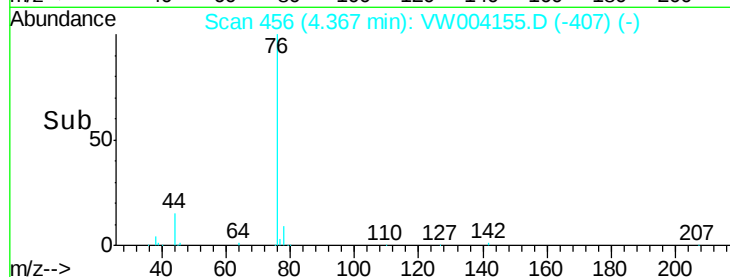
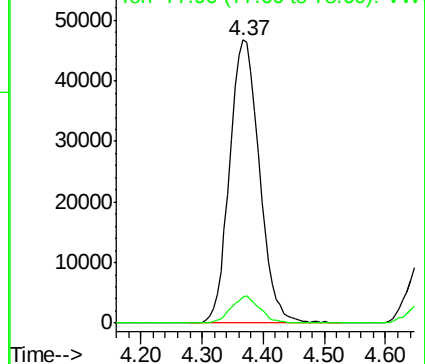
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 23.26 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004155.D

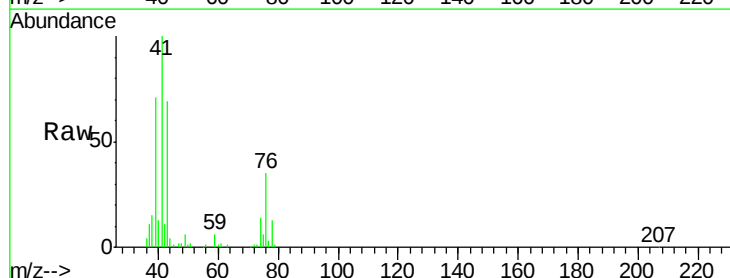
Acq: 24 Jul 2018 00:43

Tgt Ion: 43 Resp: 36492

Ion Ratio Lower Upper

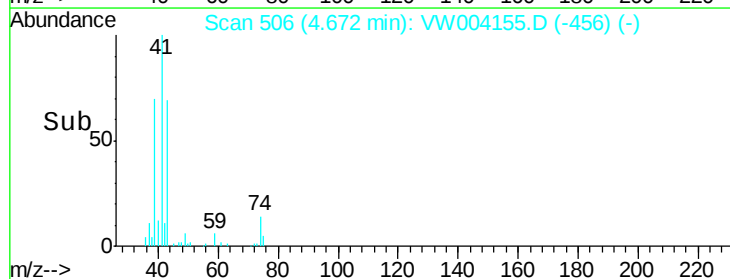
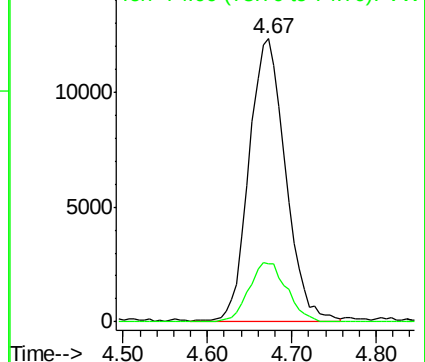
43 100

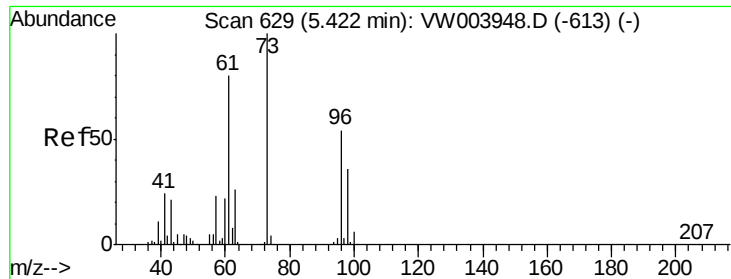
74 21.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





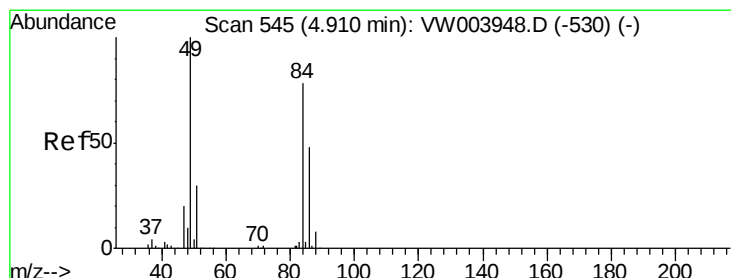
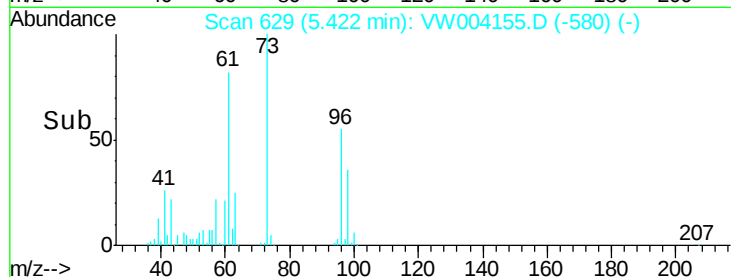
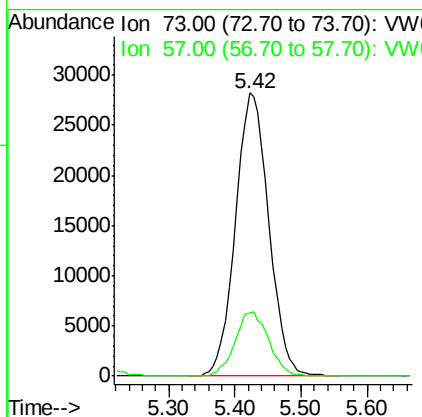
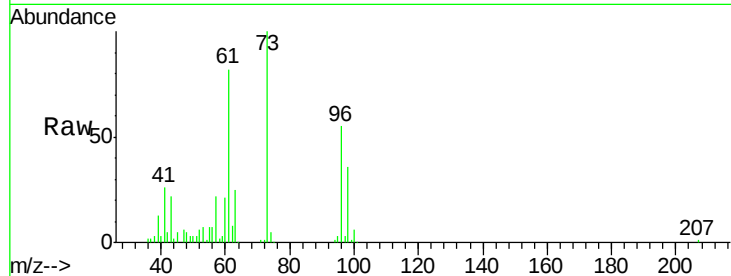
#19
Methvl tert-butvl Ether
Concen: 21.73 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion: 73 Resp: 98466
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4

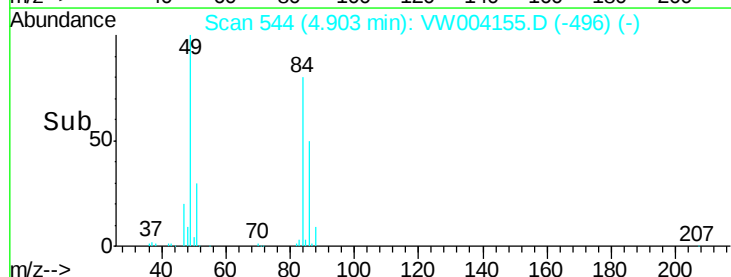
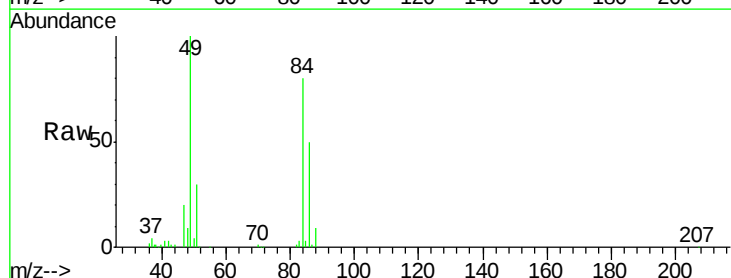
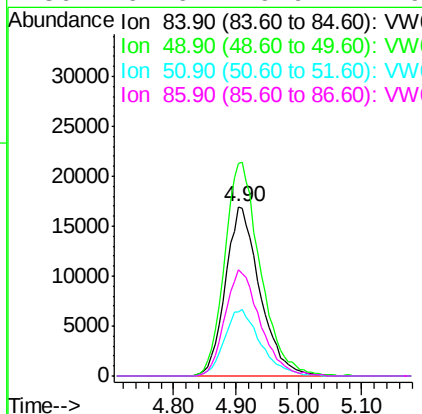
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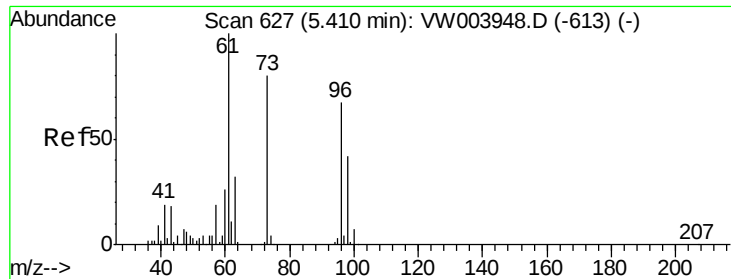
apatel
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#20
Methylene Chloride
Concen: 17.16 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 84 Resp: 64416
Ion Ratio Lower Upper
84 100
49 125.6 102.9 154.3
51 38.1 30.9 46.3
86 62.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.69 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

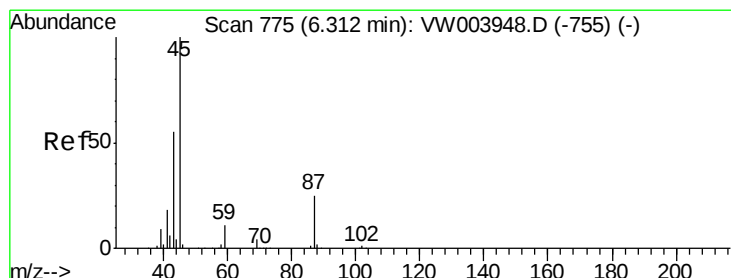
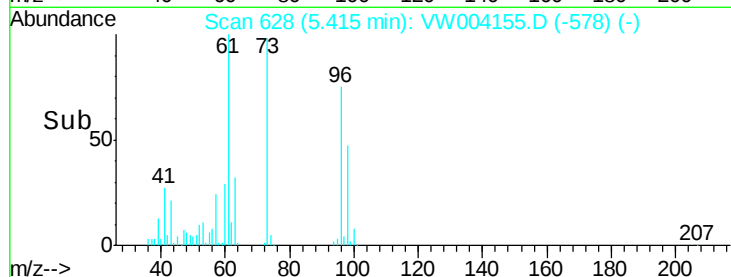
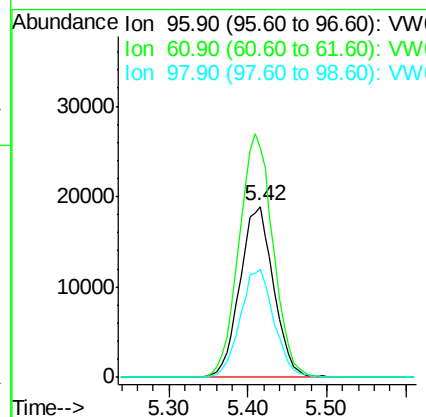
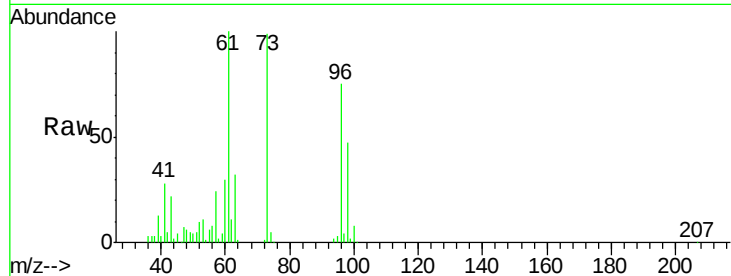
ClientSampleId :

VW0723SBS02

Tot Ion:	96	Resp:	56228
Ion	Ratio	Lower	Upper
96	100		
61	134.1	119.0	178.4
98	63.1	49.9	74.9

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#22

Diisopropyl ether

Concen: 23.21 ug/l

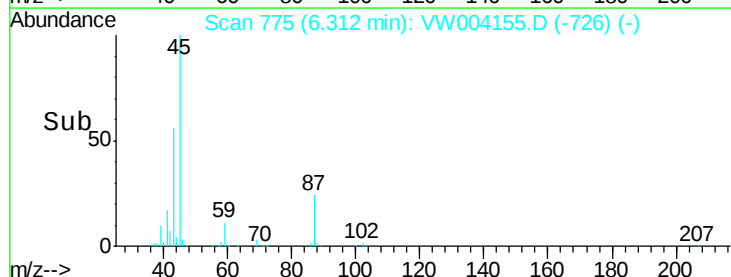
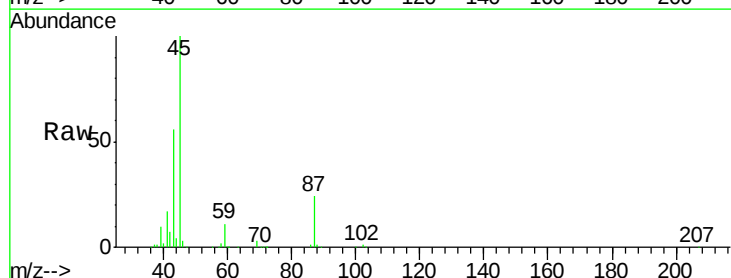
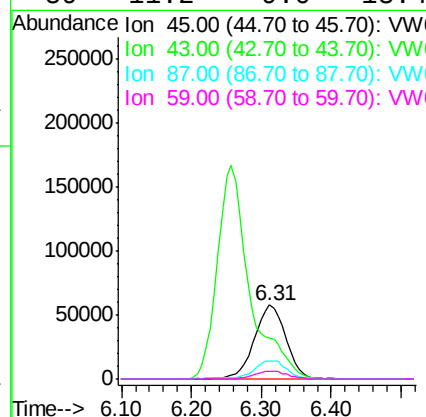
RT: 6.31 min Scan# 775

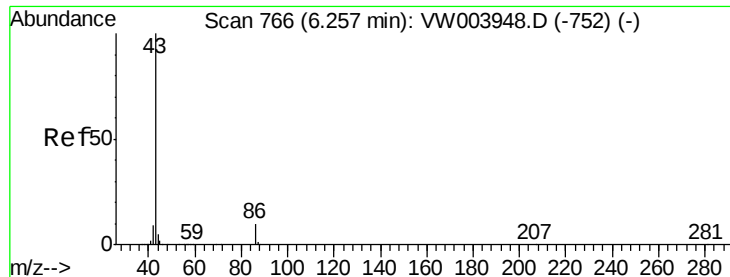
Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Tgt Ion:	45	Resp:	183102
Ion	Ratio	Lower	Upper
45	100		
43	55.6	44.3	66.5
87	24.0	20.2	30.4
59	11.2	9.0	13.4





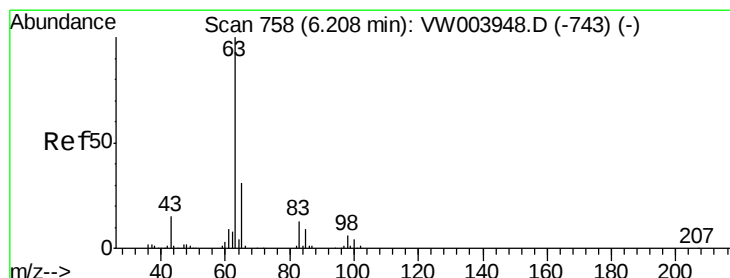
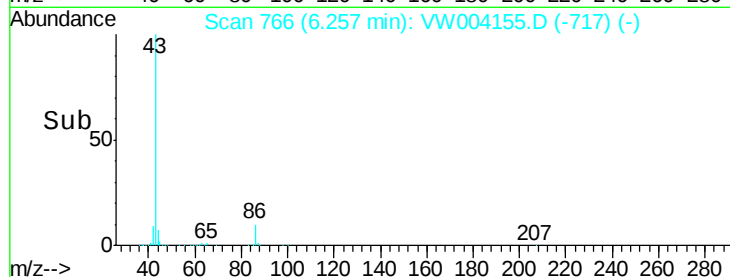
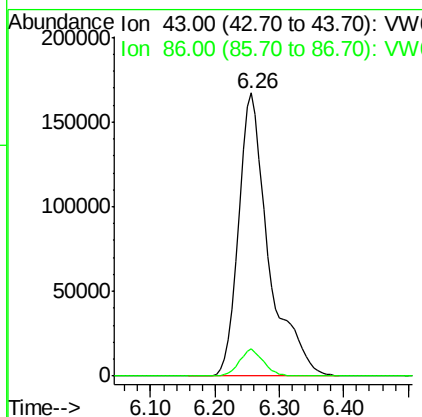
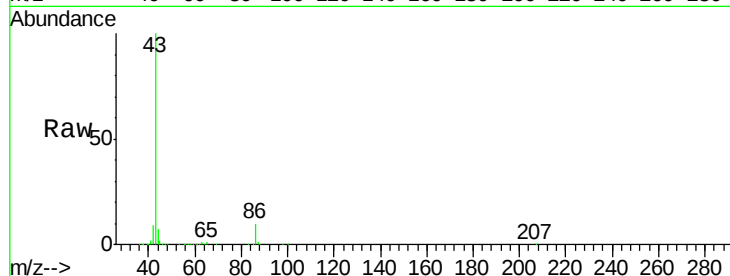
#23
 Vinyl Acetate
 Concen: 108.01 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
86	9.6	7.6	11.4	

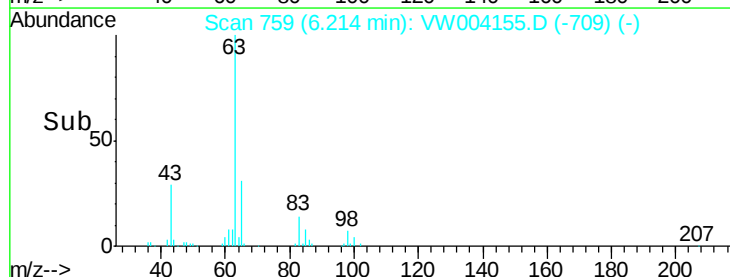
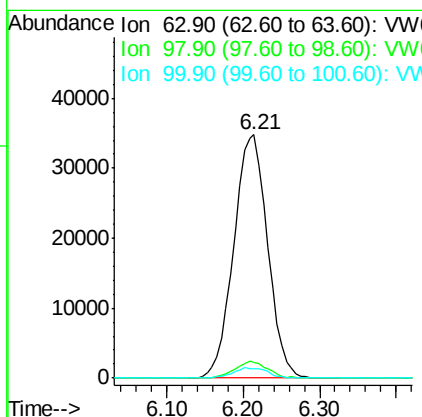
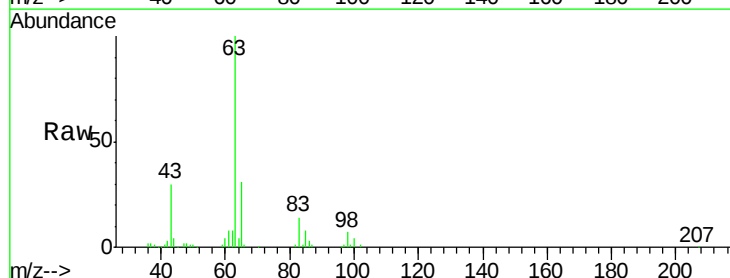
Manual Integrations
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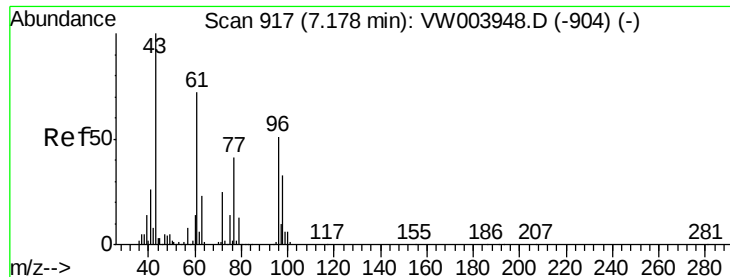
apatel
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#24
 1,1-Dichloroethane
 Concen: 22.11 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.6	3.1	9.4	
100	3.8	2.1	6.5	





#25

2-Butanone

Concen: 108.87 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampled :

VW0723SBS02

Tot Ion: 43 Resp: 95762

Ion Ratio Lower Upper

43 100

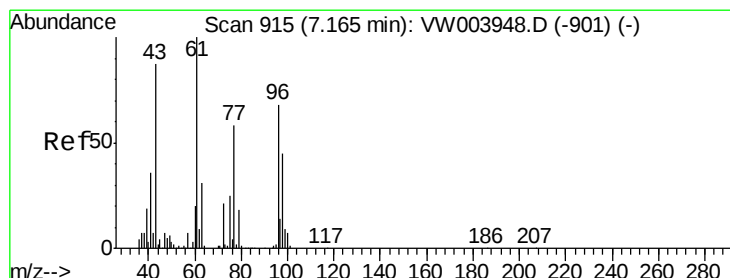
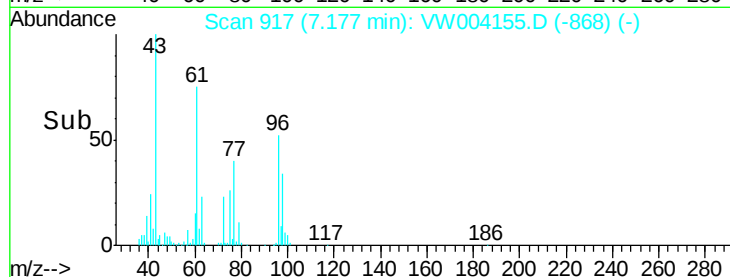
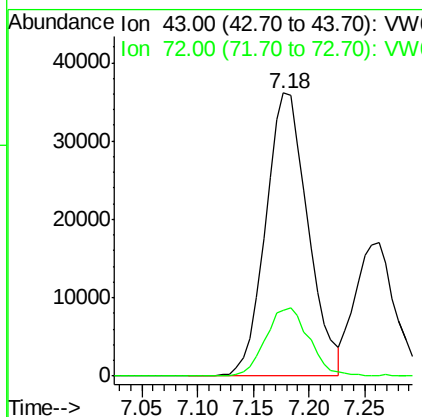
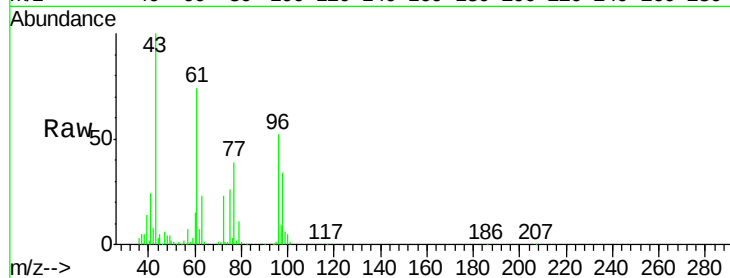
72 23.4 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.23 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004155.D

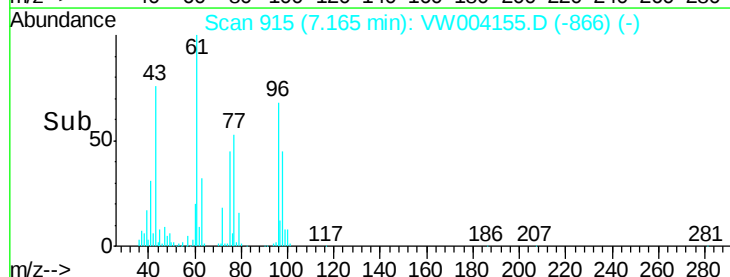
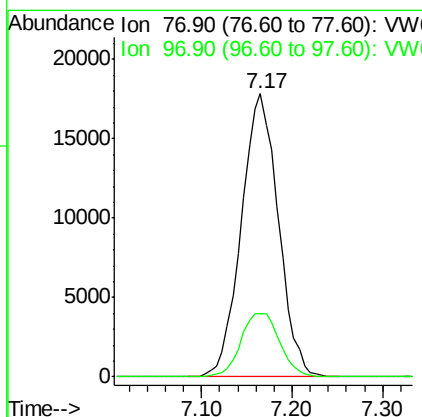
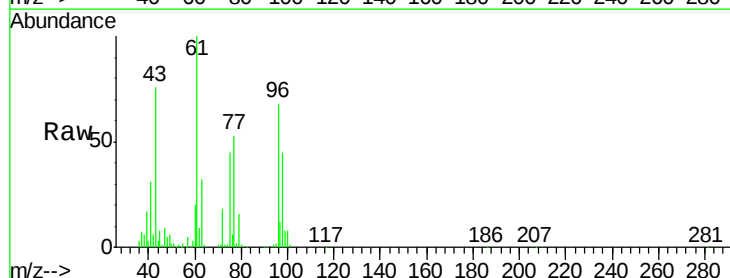
Acq: 24 Jul 2018 00:43

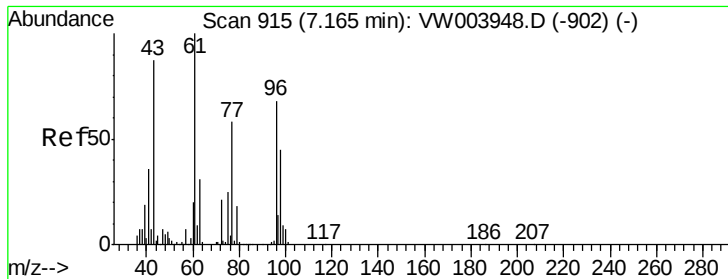
Tgt Ion: 77 Resp: 50369

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

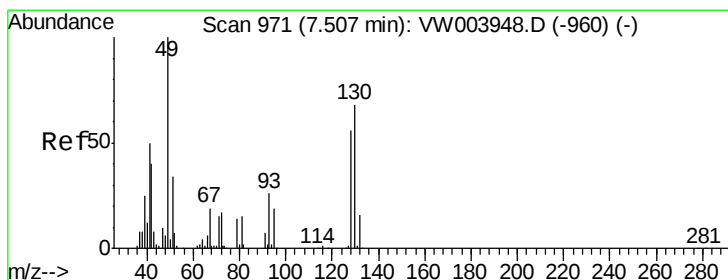
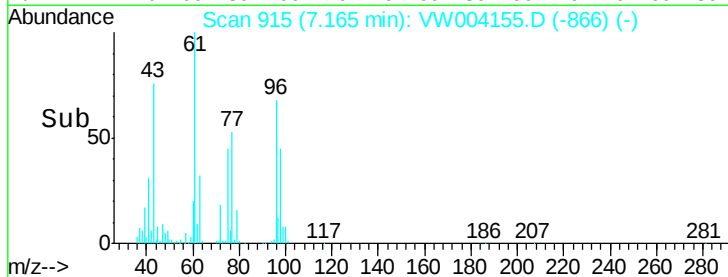
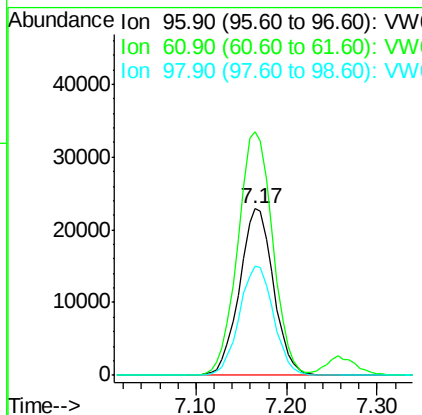
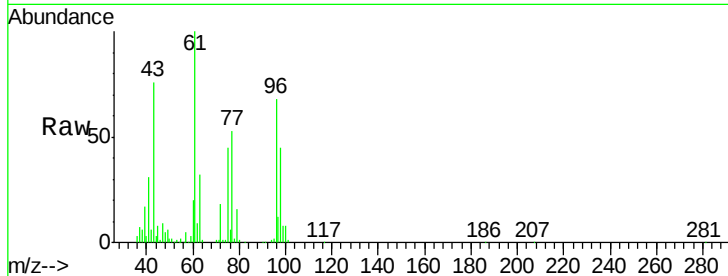
cis-1,2-Dichloroethene
 Concen: 21.20 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	298.6
98	66.0	0.0	130.4

Manual Integrations
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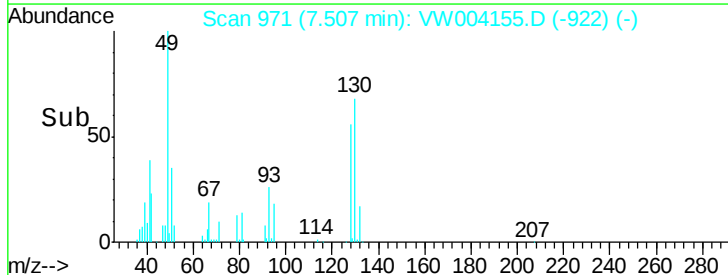
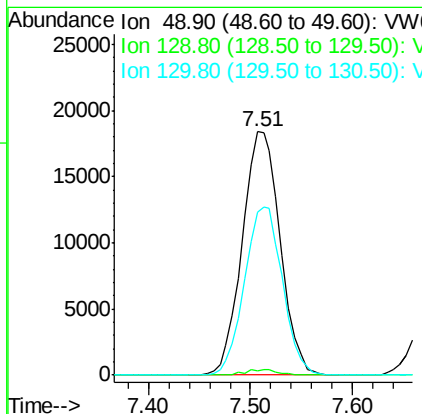
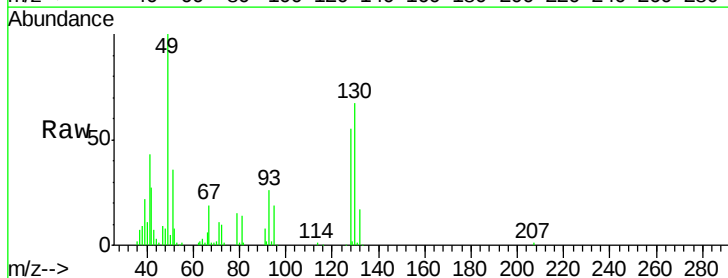
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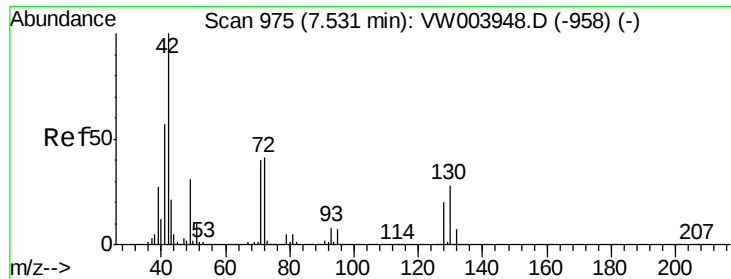


#28

Bromochloromethane
 Concen: 24.11 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	69.2	58.3	87.5





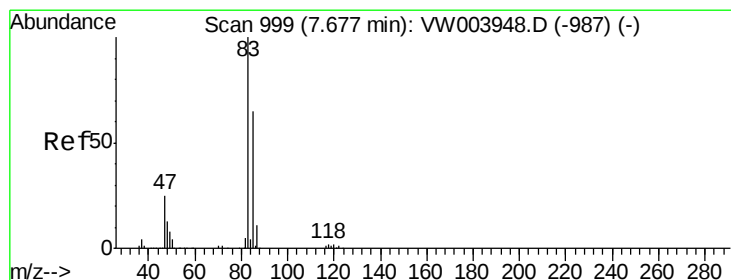
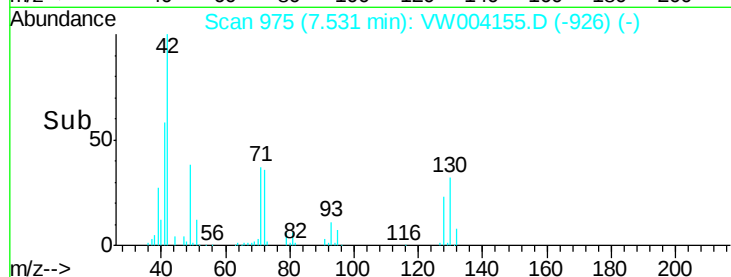
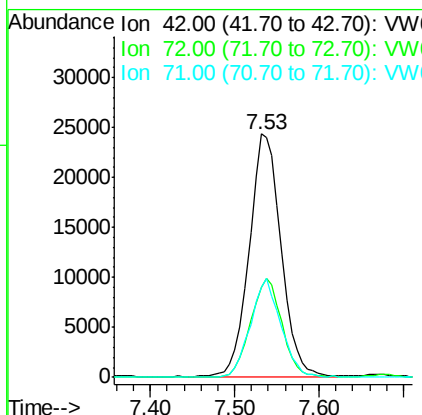
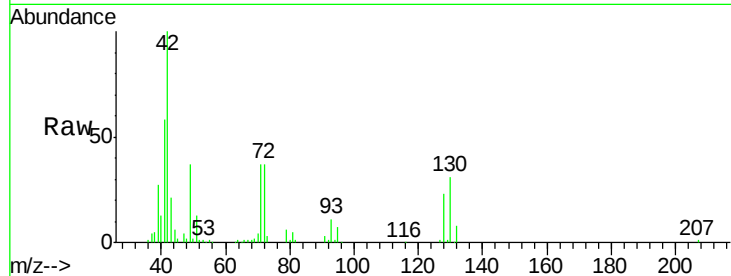
#29
Tetrahydrofuran
Concen: 114.74 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.6	48.8
71	38.8	30.5	45.7

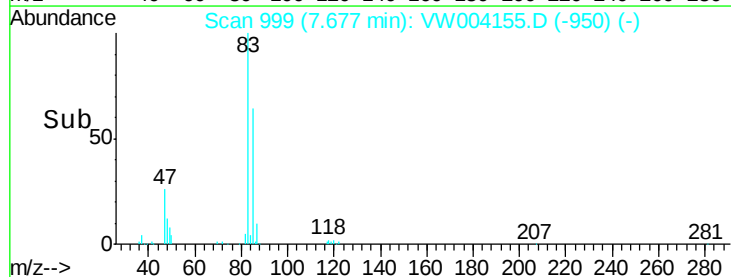
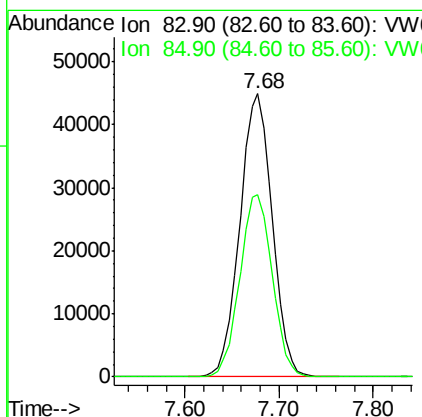
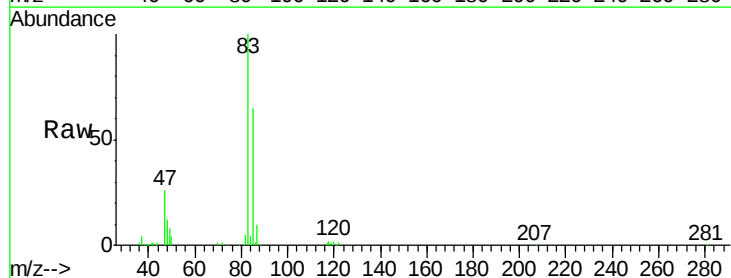
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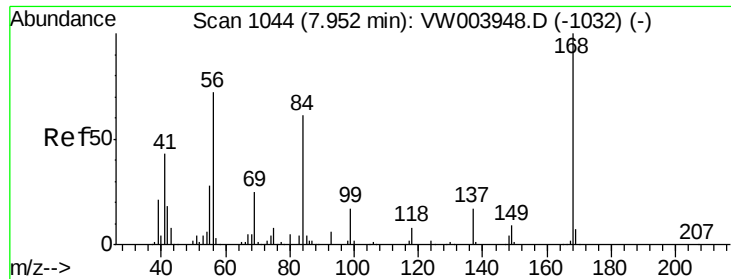
apatel
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#30
Chloroform
Concen: 22.43 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4





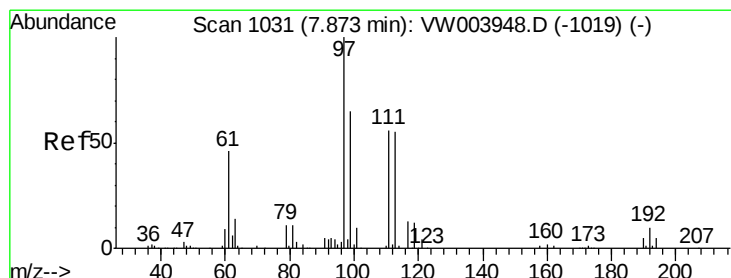
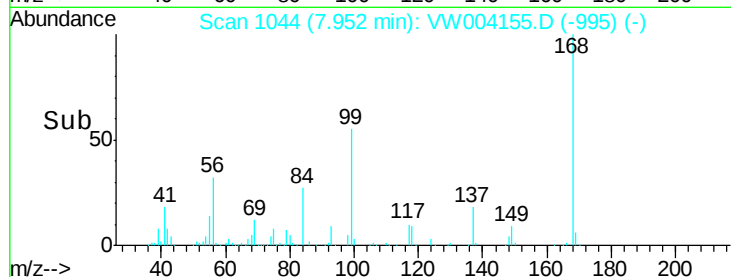
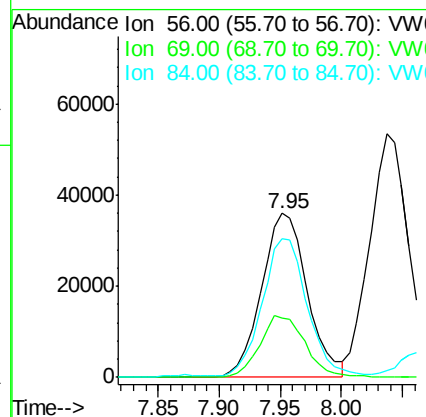
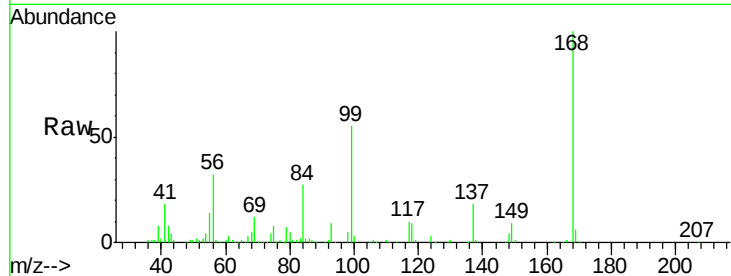
#31
Cyclohexane
Concen: 20.74 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	56	Resp	93584
Ion Ratio	100	Lower	Upper
56	100		
69	36.6	27.8	41.8
84	83.8	67.2	100.8

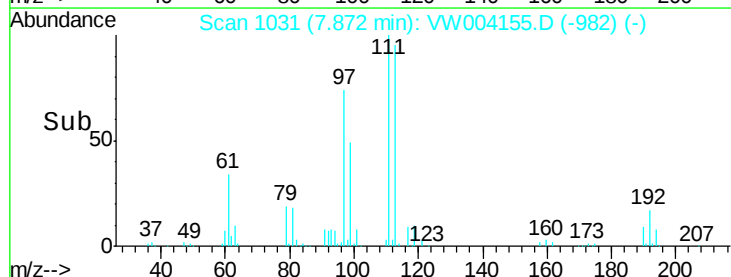
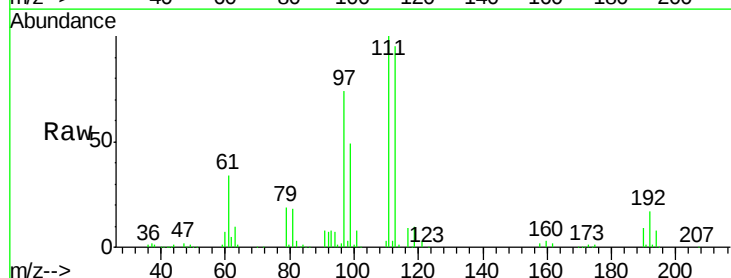
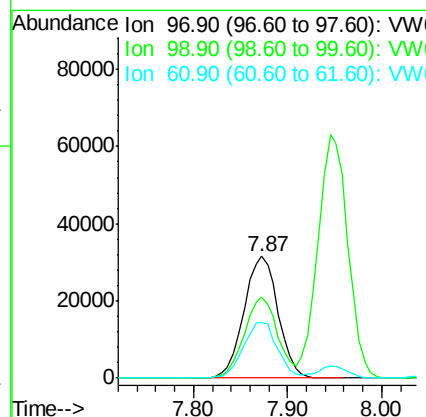
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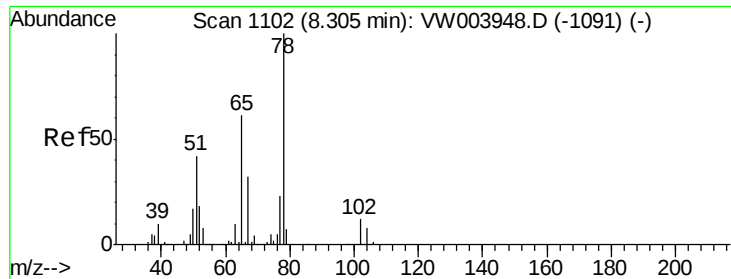
apatel
7/24/2018 11:50:07 AM



#32
1,1,1-Trichloroethane
Concen: 21.38 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	97	Resp	79922
Ion Ratio	100	Lower	Upper
97	100		
99	65.6	51.3	76.9
61	45.5	36.8	55.2





#33

1,2-Dichloroethane-d4

Concen: 54.87 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion: 65 Resp: 149255

Ion Ratio Lower Upper

65 100

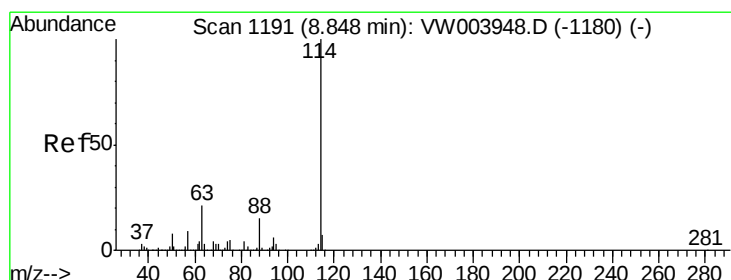
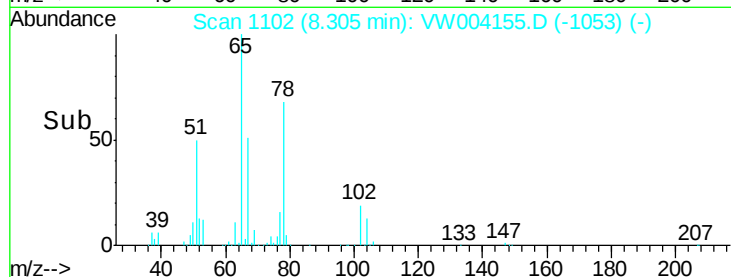
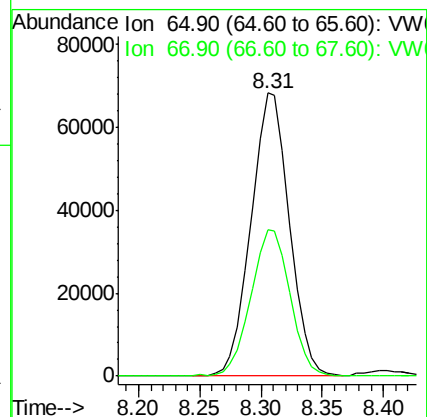
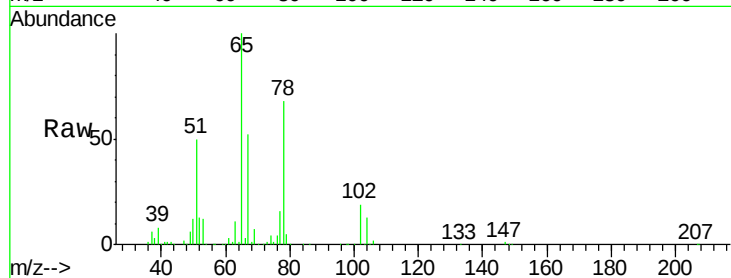
67 52.8 0.0 105.0

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: VW004155.D

Acq: 24 Jul 2018 00:43

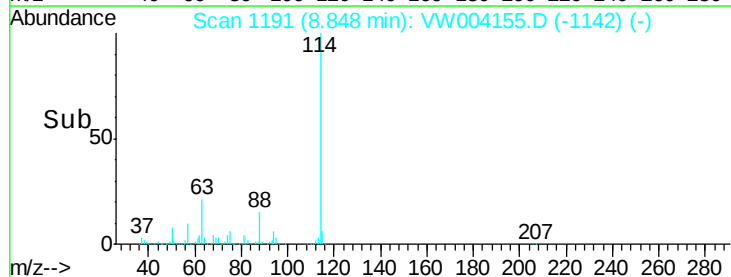
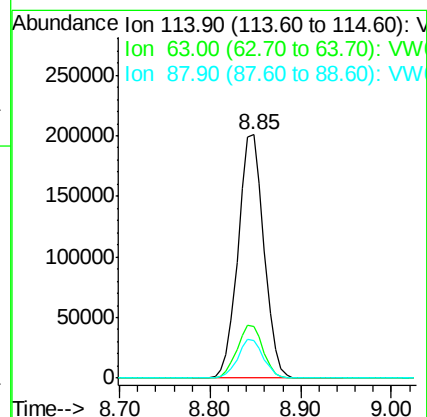
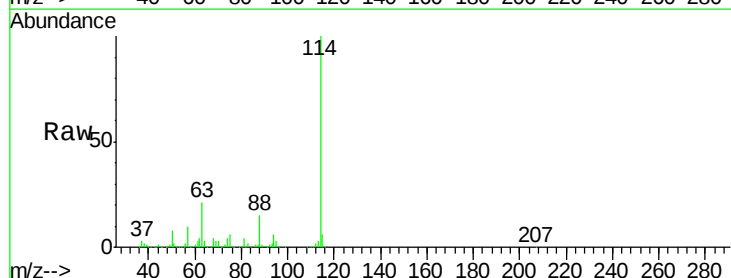
Tgt Ion: 114 Resp: 396384

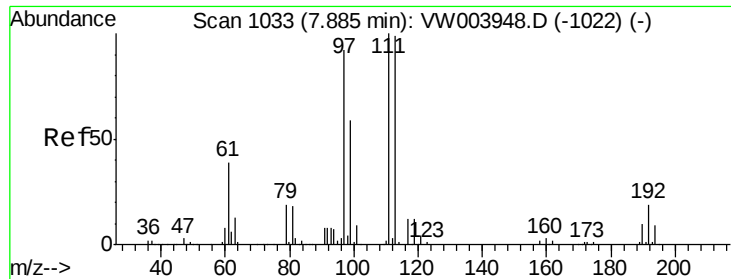
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 15.5 0.0 30.4





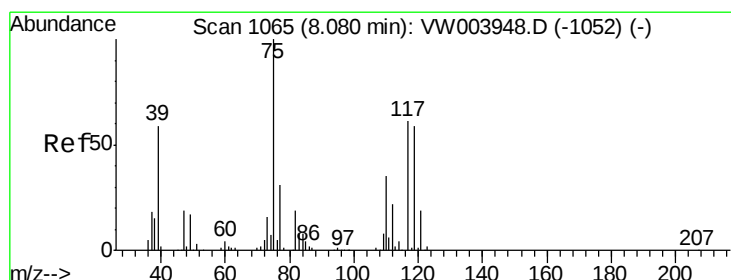
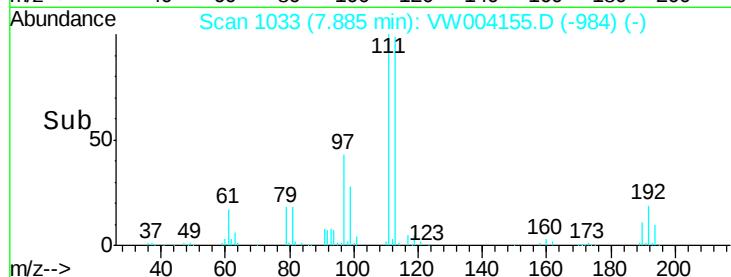
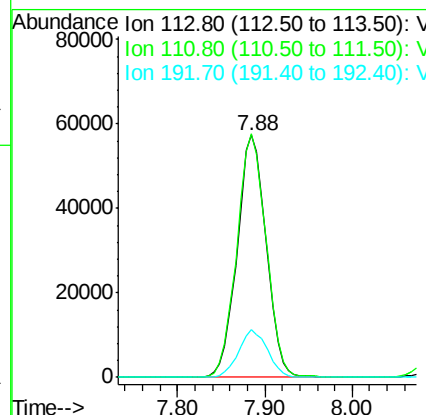
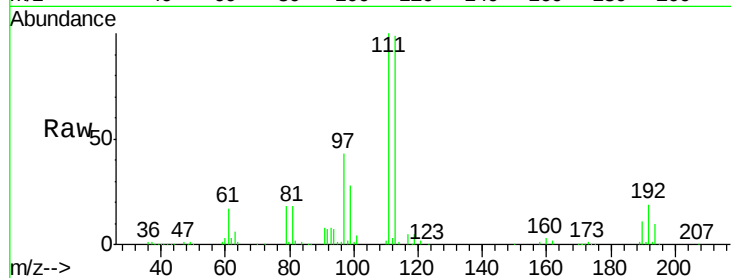
#35
Dibromofluoromethane
Concen: 52.09 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132493		
111	101.4	81.3	121.9	
192	19.5	15.8	23.6	

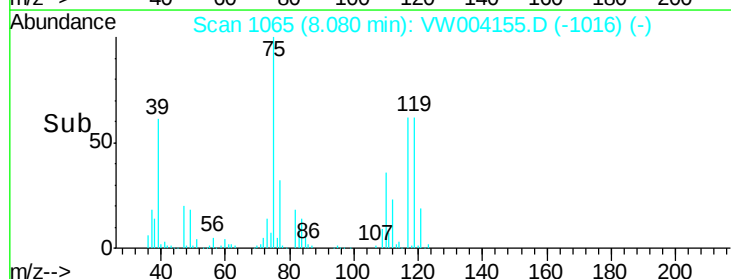
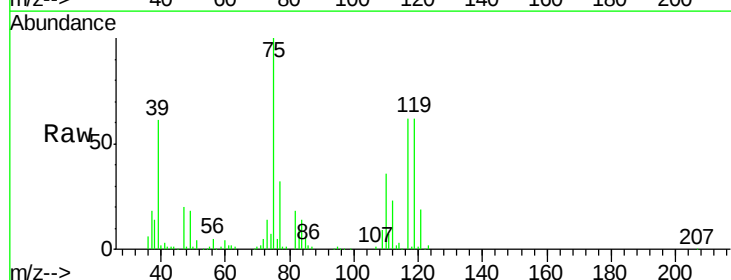
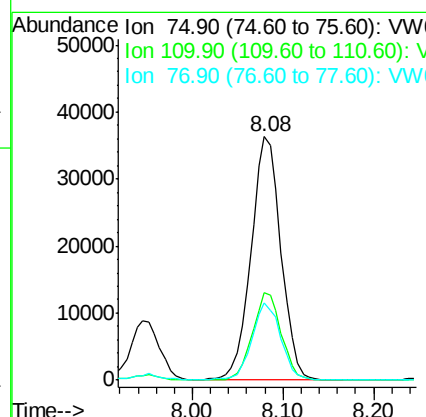
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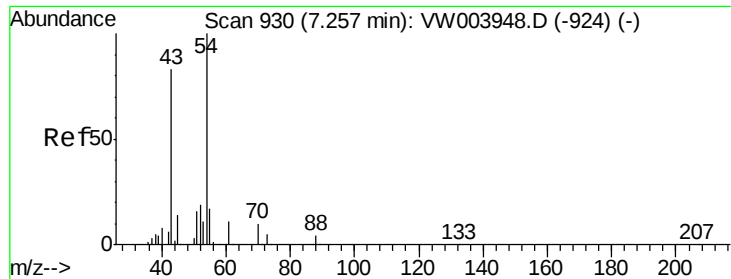
apatel
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#36
1,1-Dichloropropene
Concen: 20.30 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82800		
110	34.3	17.0	51.0	
77	30.8	24.9	37.3	





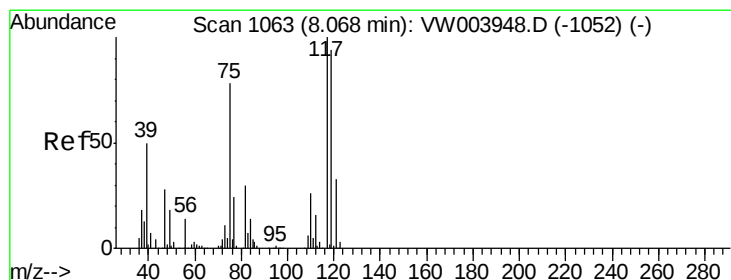
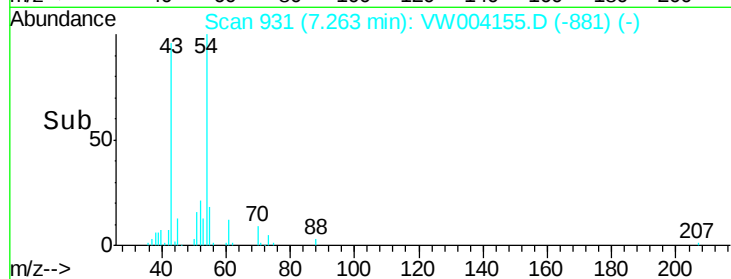
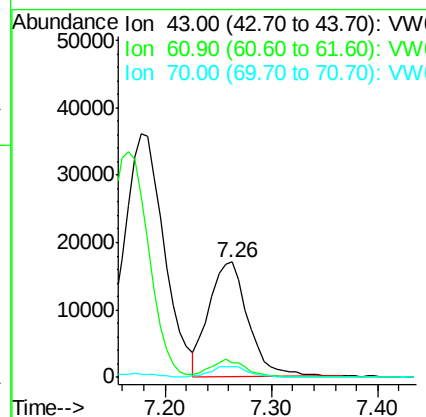
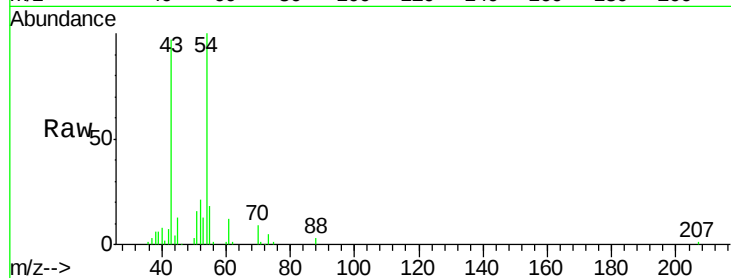
#37
Ethyl Acetate
Concen: 22.01 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.7	16.1
70	9.3	7.7	11.5

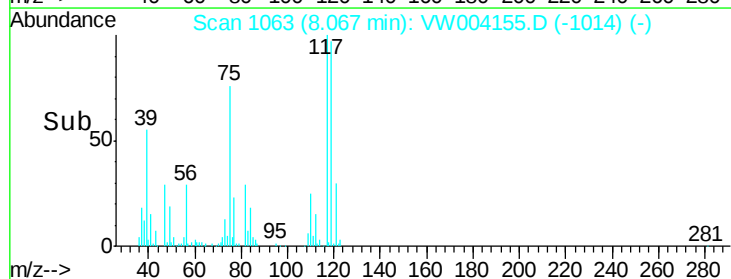
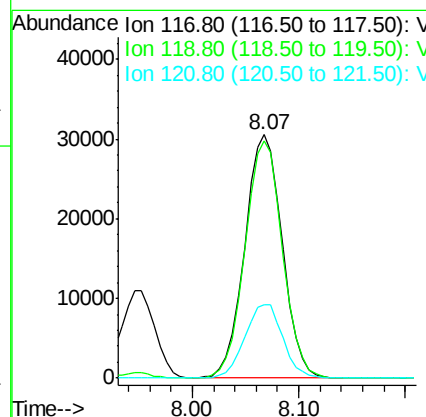
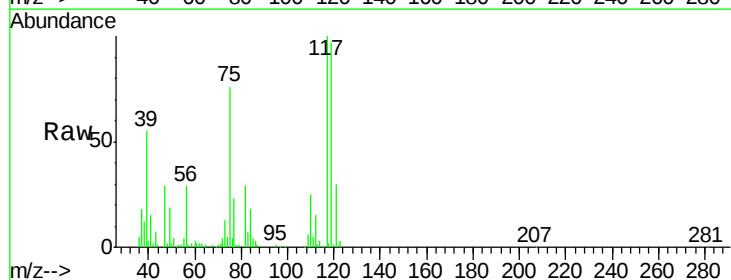
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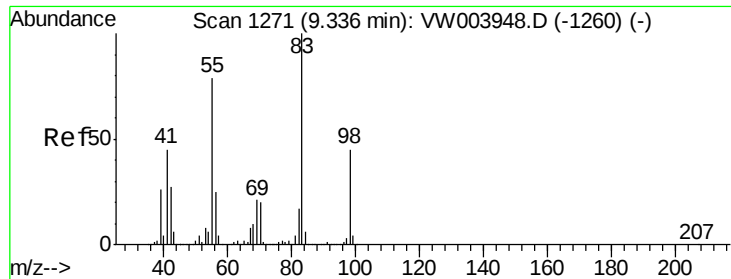
apatel
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#38
Carbon Tetrachloride
Concen: 19.80 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.3	112.9
121	30.4	26.0	39.0





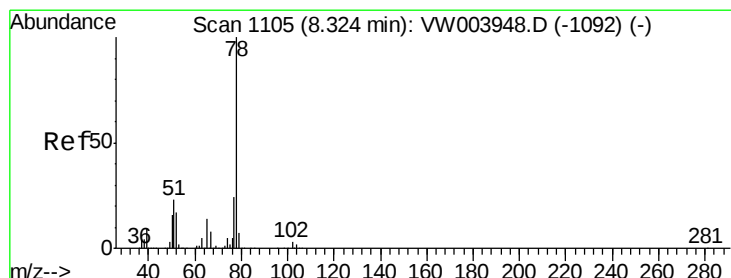
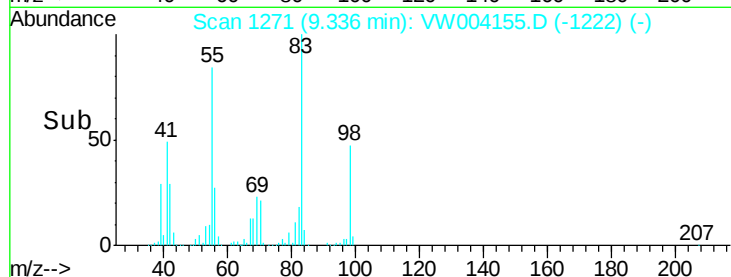
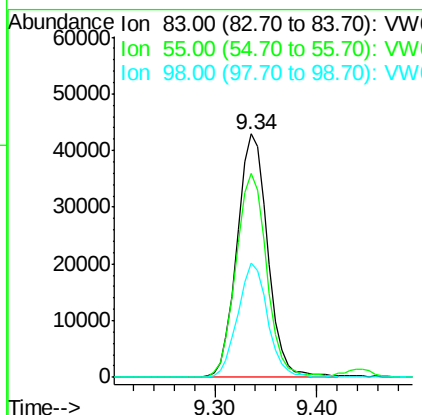
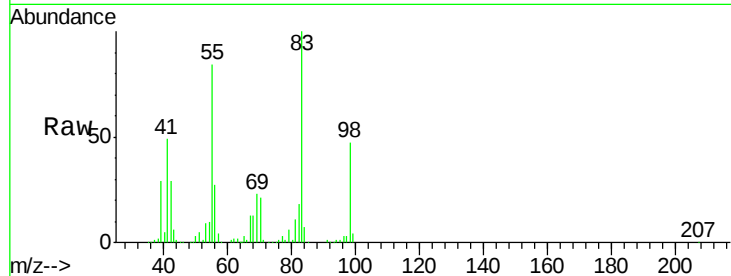
#39
Methvlcvclohexane
Concen: 18.71 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	83	Resp	89372
Ion Ratio	100	Lower	Upper
83	100		
55	83.8	62.8	94.2
98	46.7	36.2	54.4

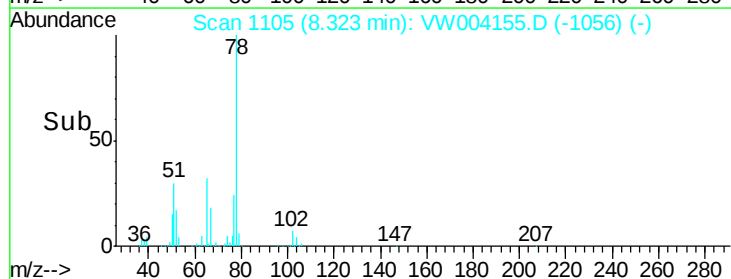
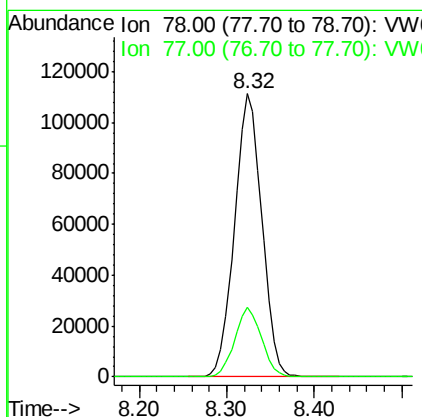
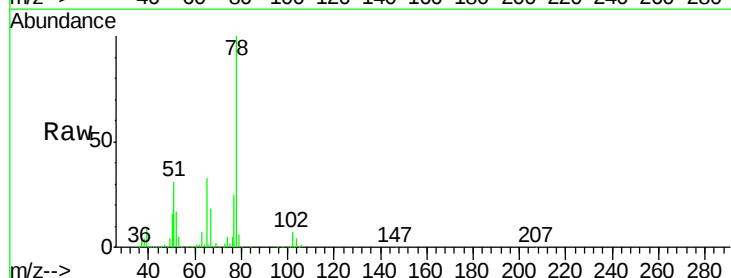
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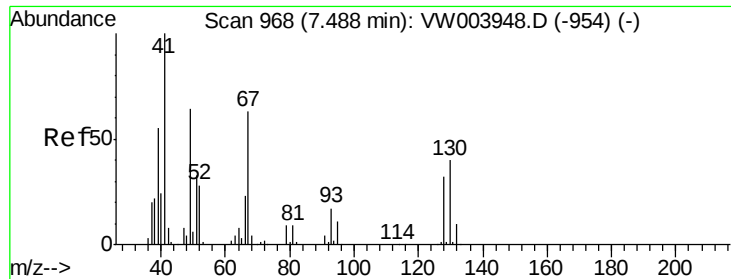
apatel
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#40
Benzene
Concen: 21.39 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	78	Resp	242027
Ion Ratio	100	Lower	Upper
78	100		
77	24.6	19.5	29.3





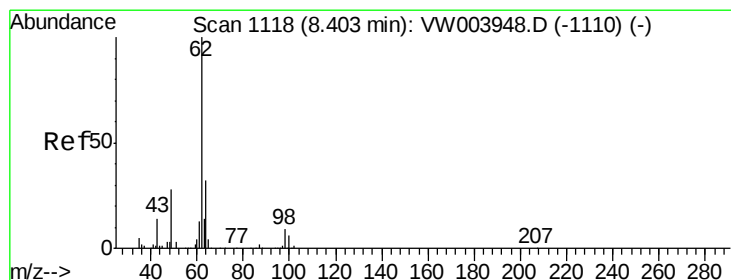
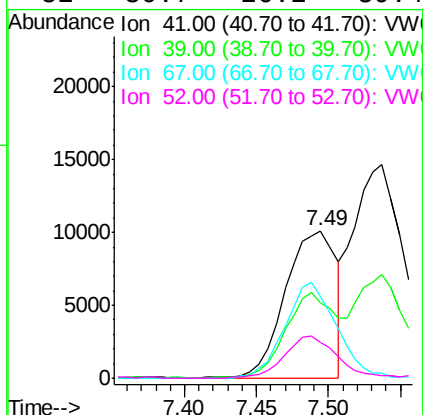
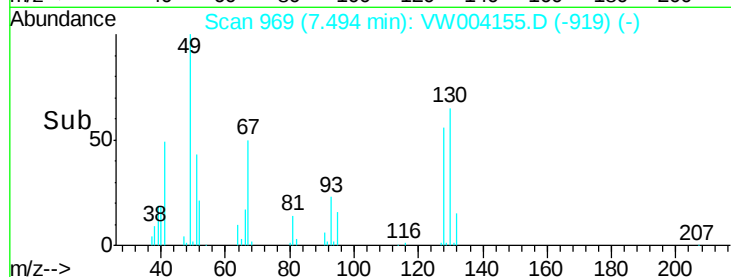
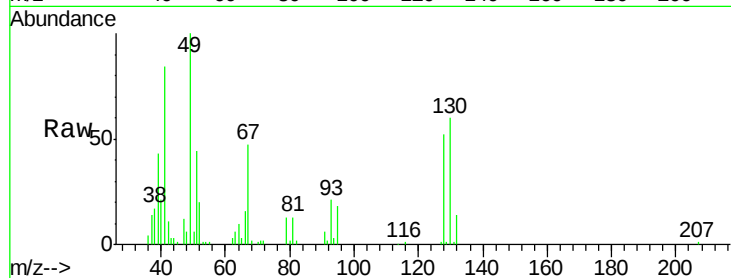
#41
Methacrylonitrile
Concen: 22.91 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	50.0	75.0
67	65.7	60.8	91.2
52	30.7	26.2	39.4

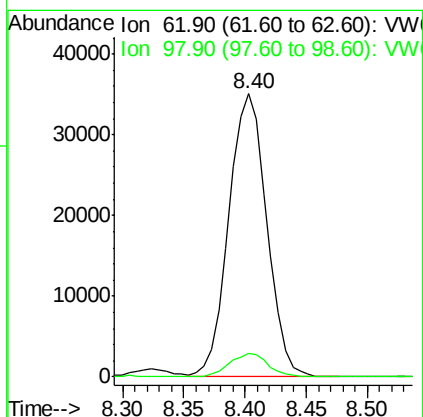
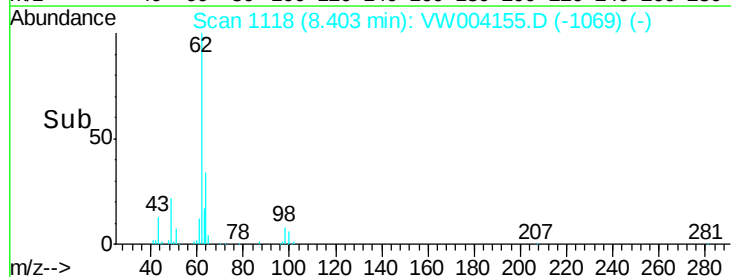
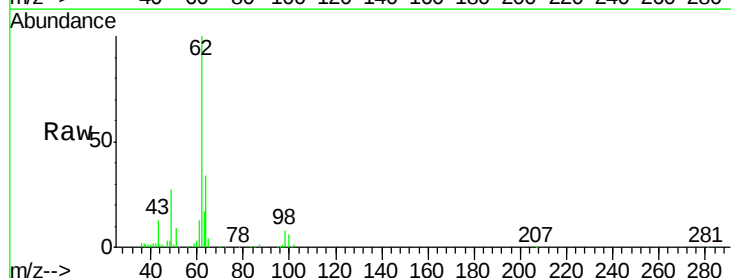
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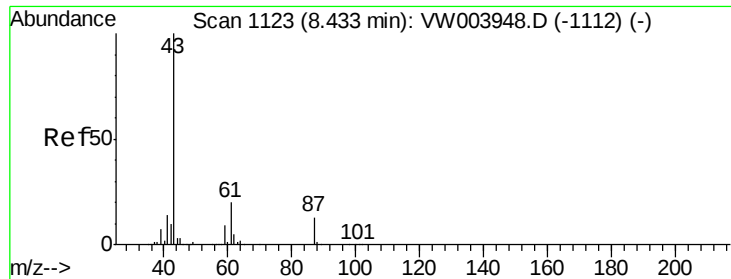
apatel
7/24/2018 11:50:07 AM



#42
1,2-Dichloroethane
Concen: 21.82 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.4





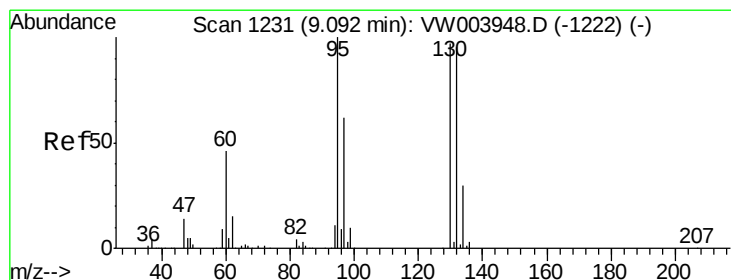
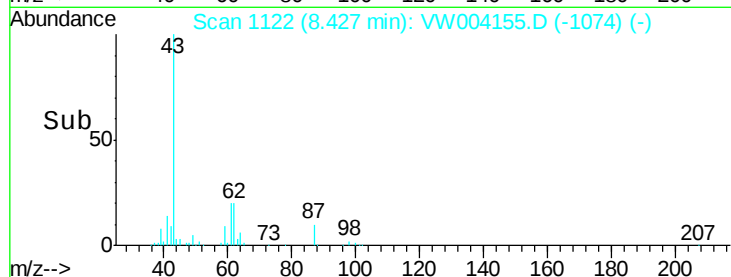
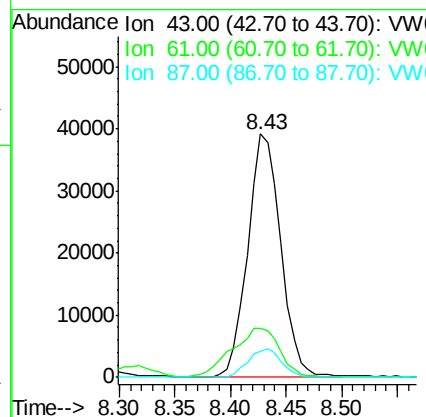
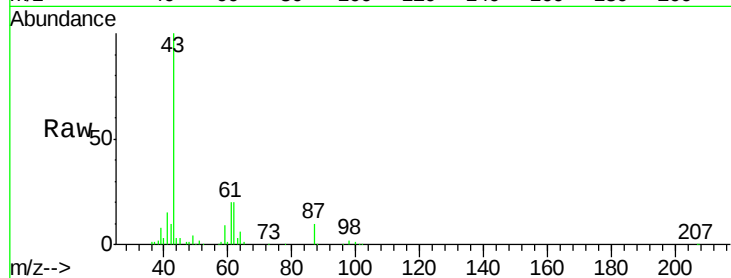
#43
Isopropyl Acetate
Concen: 21.87 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.0	34.6
87	11.9	9.9	14.9

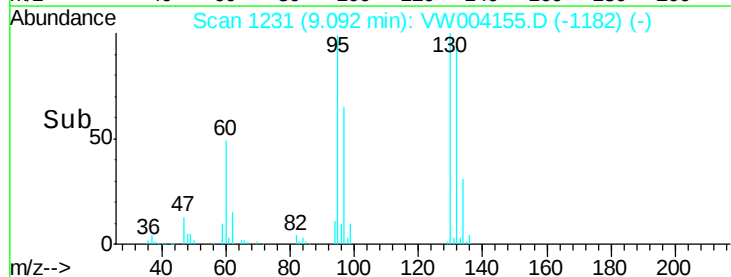
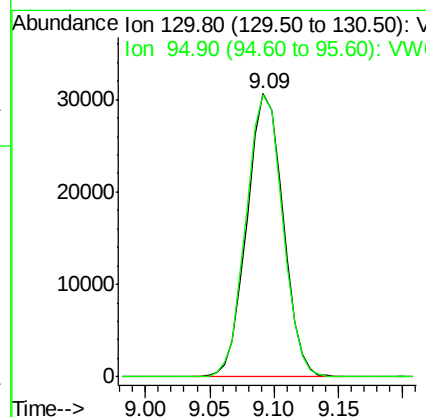
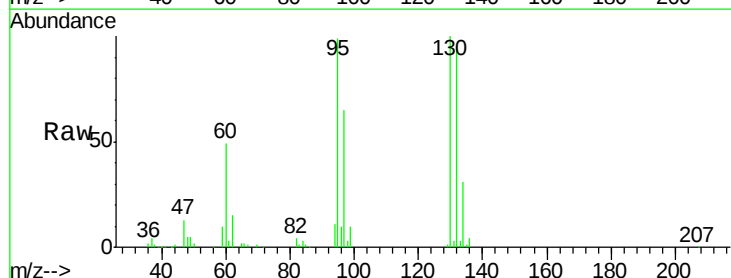
Manual Integrations
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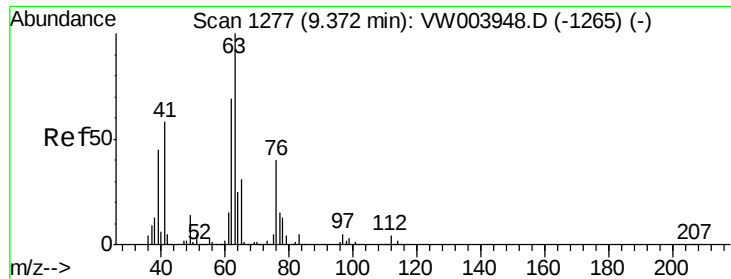
apatel
7/24/2018 11:50:07 AM



#44
Trichloroethene
Concen: 20.33 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	206.8





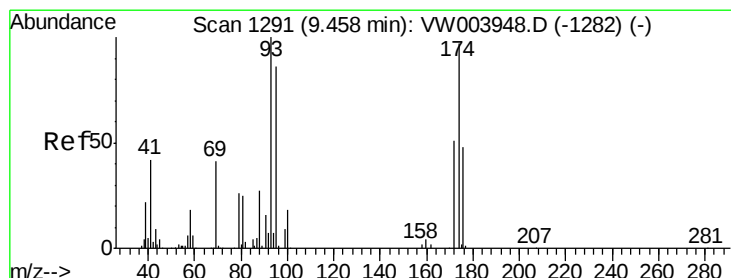
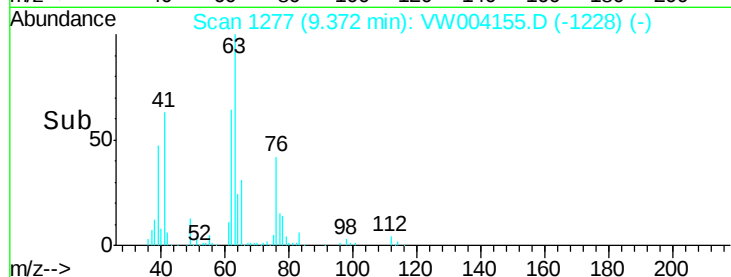
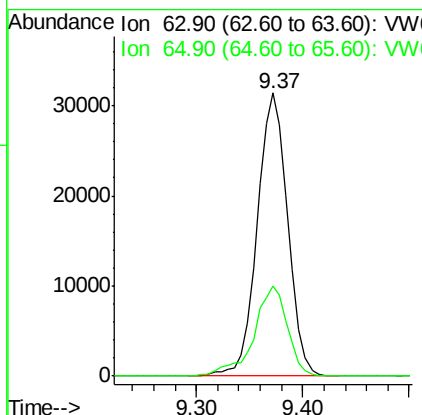
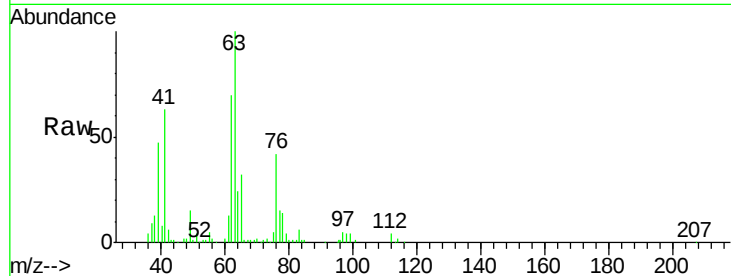
#45
 1,2-Dichloropropane
 Concen: 21.73 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	63	Resp	62766
Ion Ratio	Lower	Upper	
63	100		
65	31.6	24.8	37.2

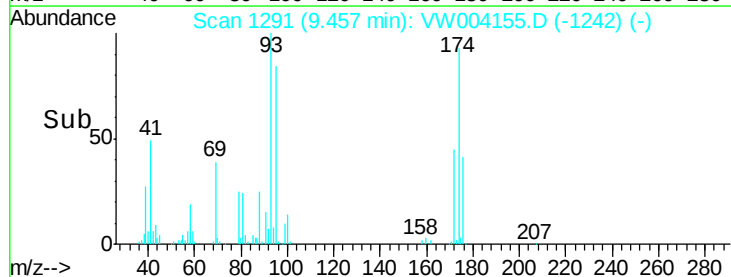
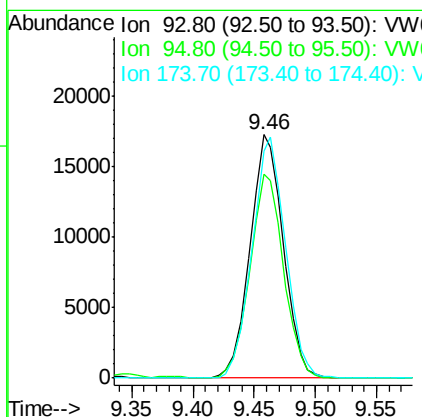
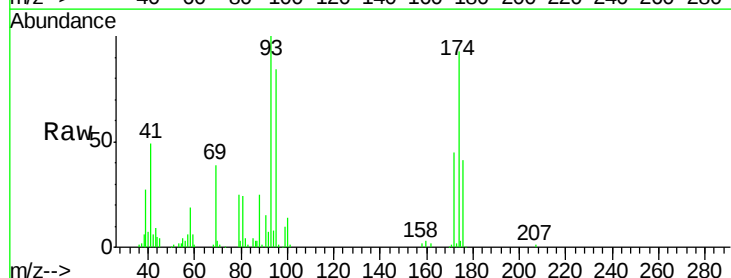
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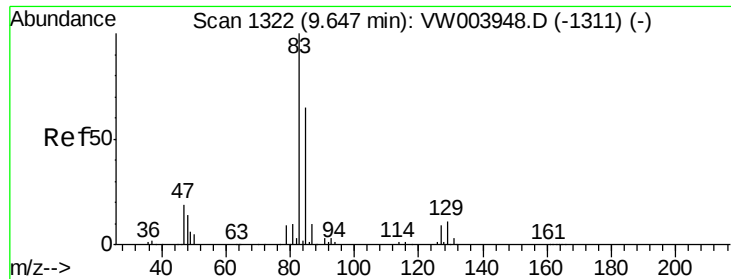
apatel
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#46
 Dibromomethane
 Concen: 21.89 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	93	Resp	32806
Ion Ratio	Lower	Upper	
93	100		
95	84.6	66.9	100.3
174	99.1	80.2	120.2





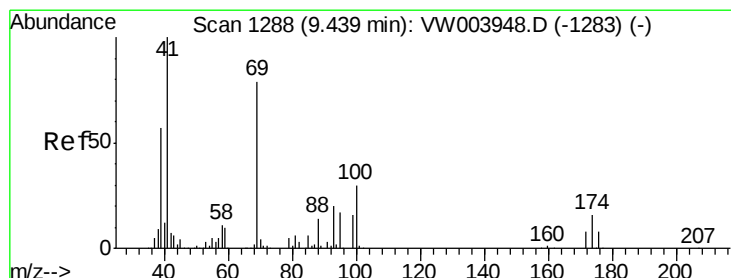
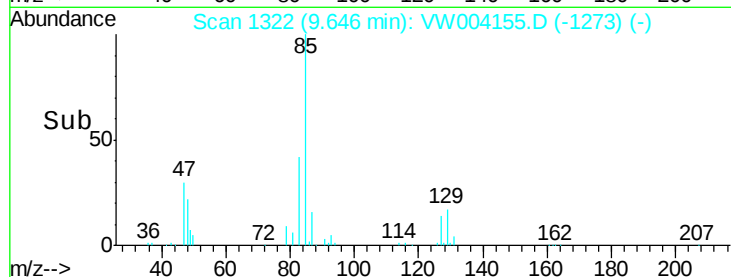
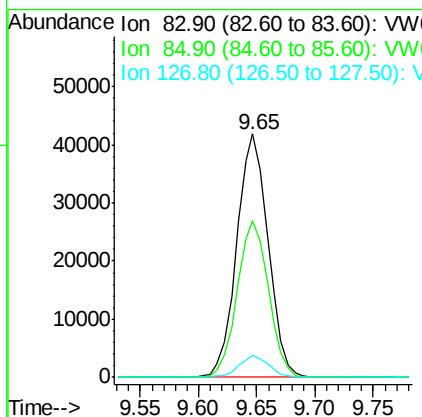
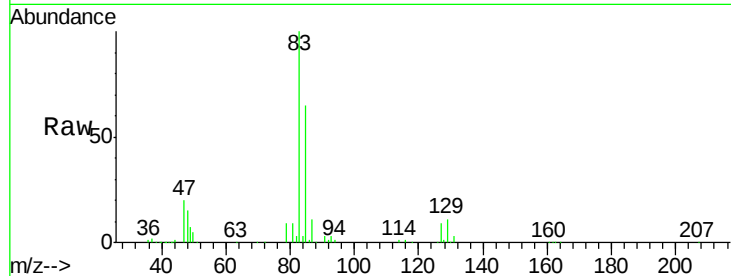
#47
Bromodichloromethane
Concen: 21.24 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	83	Resp	78460
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	52.2	78.2
127	8.8	7.0	10.4

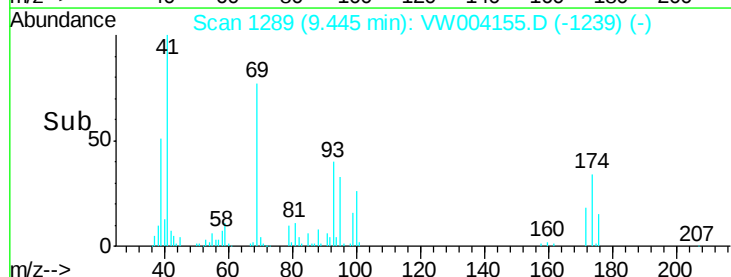
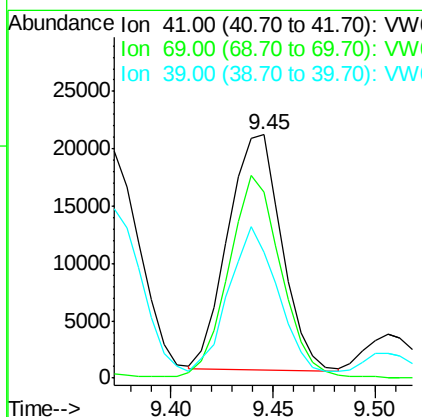
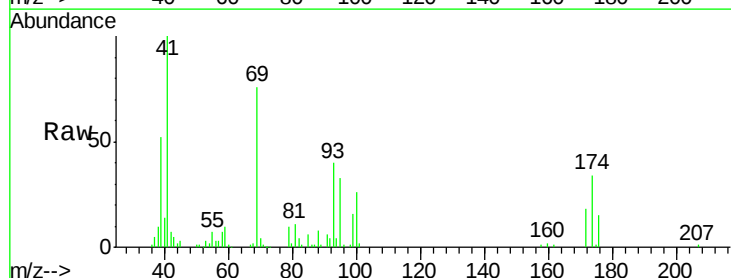
Manual Integrations
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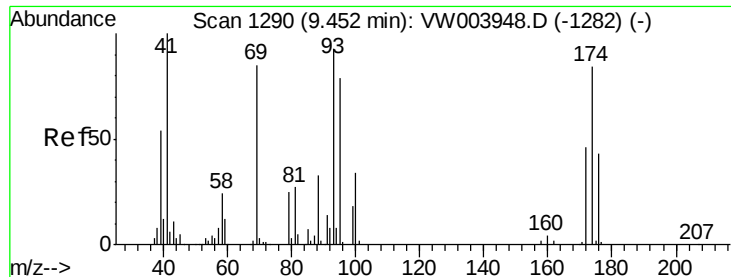
apatel
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#48
Methyl methacrylate
Concen: 21.06 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	41	Resp	37464
Ion Ratio	100	Lower	Upper
41	100		
69	84.8	67.0	100.6
39	60.7	48.8	73.2





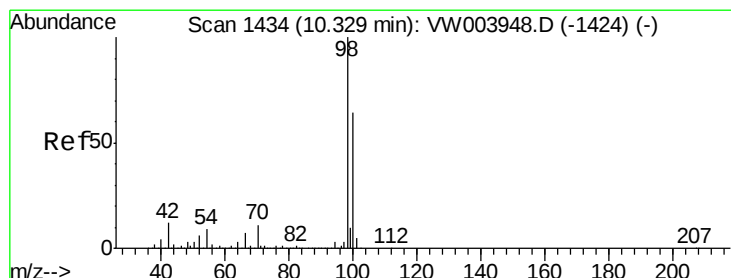
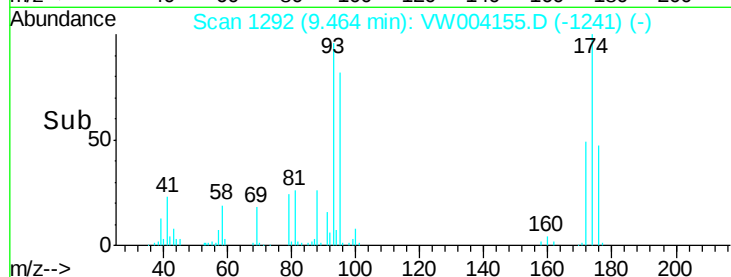
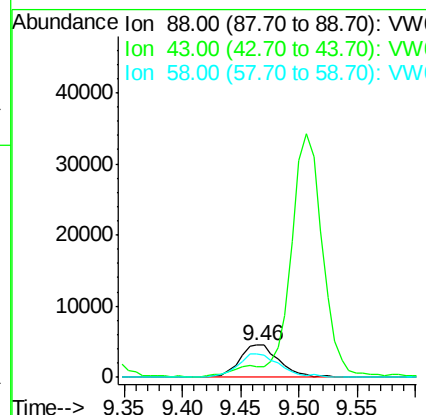
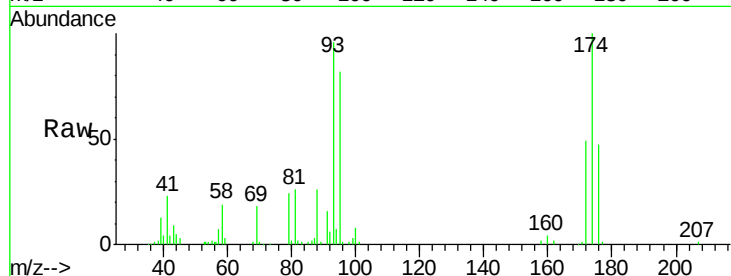
#49
1,4-Dioxane
Concen: 466.70 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.3	40.9#
58	80.1	61.1	91.7

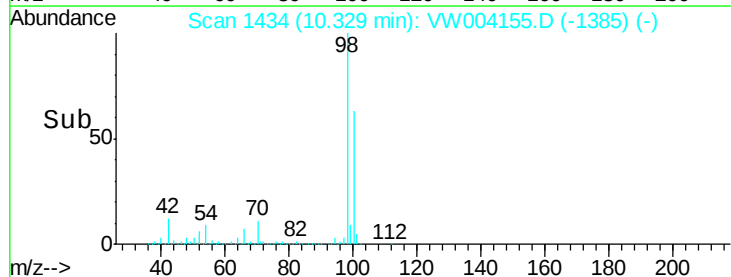
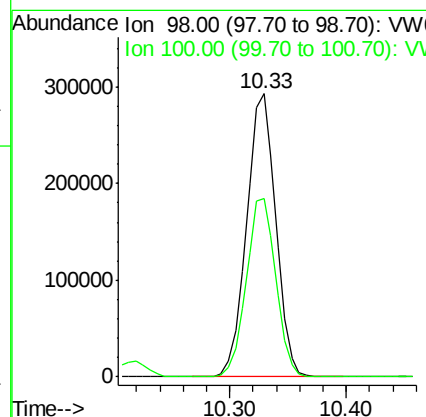
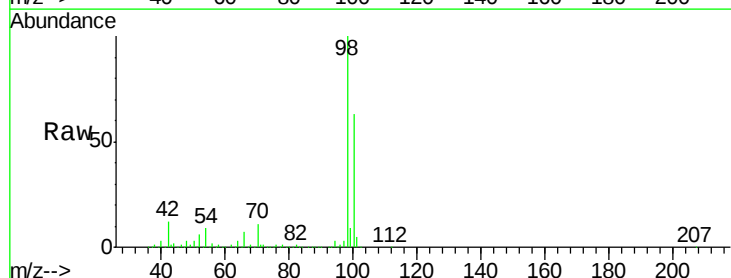
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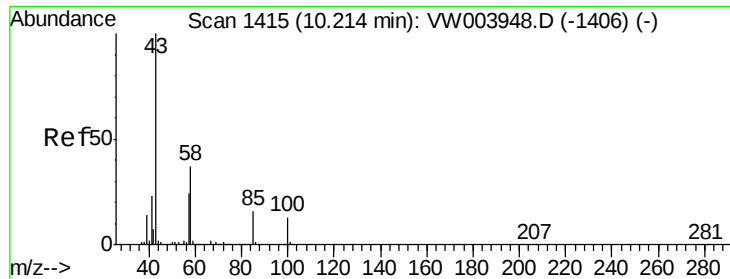
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#50
Toluene-d8
Concen: 51.95 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 111.22 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampled :

VW0723SBS02

Tot Ion: 43 Resp: 218010

Ion Ratio Lower Upper

43 100

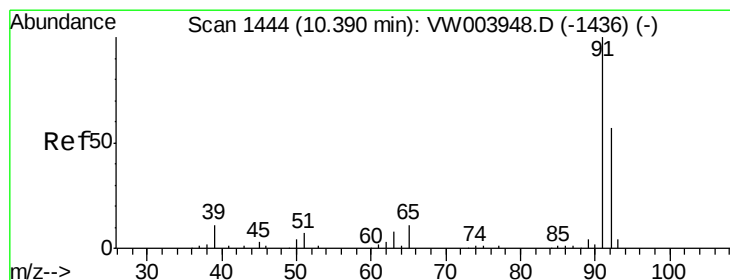
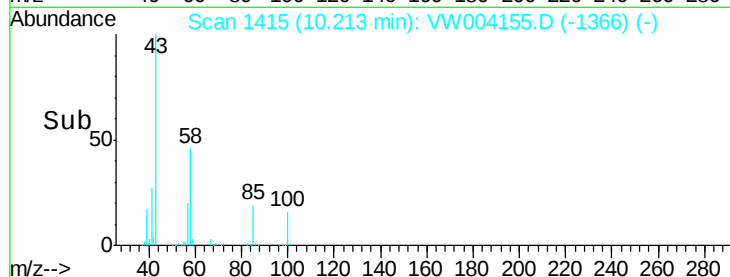
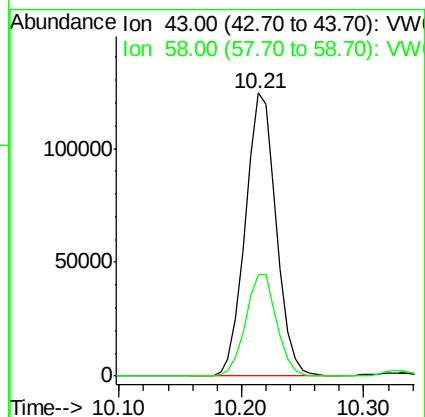
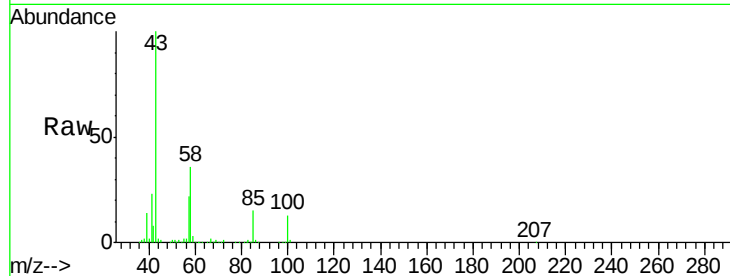
58 36.3 29.9 44.9

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#52

Toluene

Concen: 21.29 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004155.D

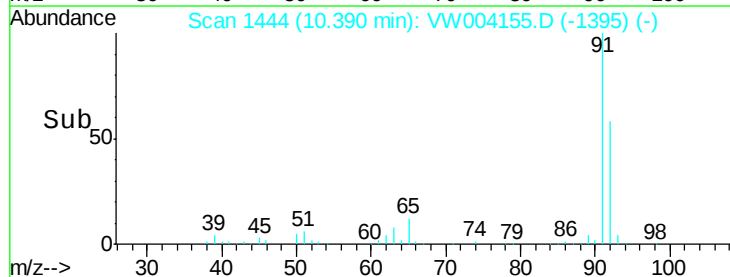
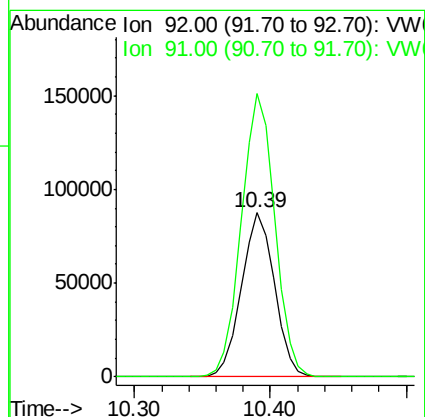
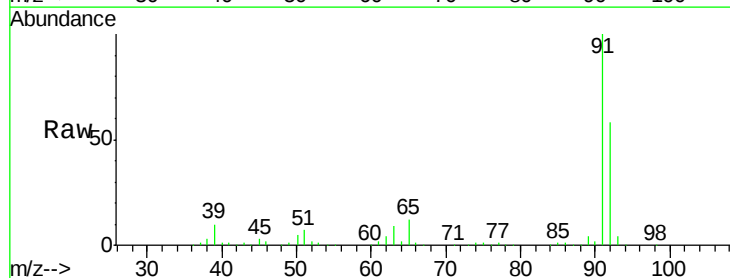
Acq: 24 Jul 2018 00:43

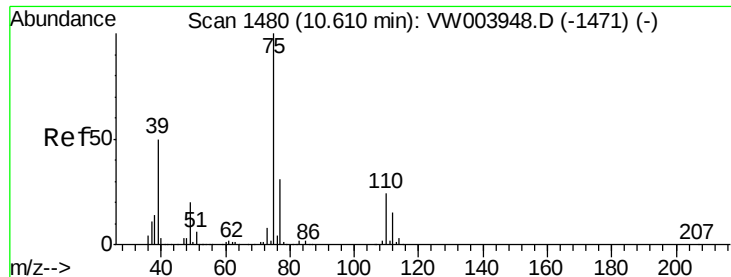
Tgt Ion: 92 Resp: 148926

Ion Ratio Lower Upper

92 100

91 173.9 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 19.99 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion: 75 Resp: 77235

Ion Ratio Lower Upper

75 100

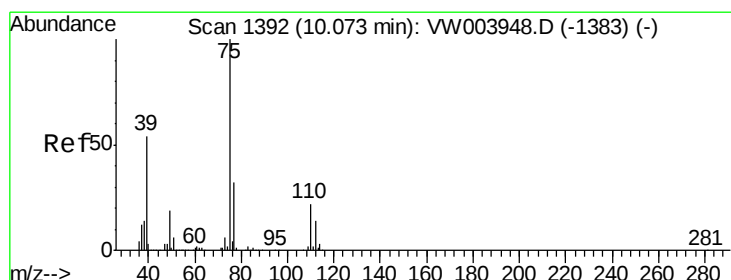
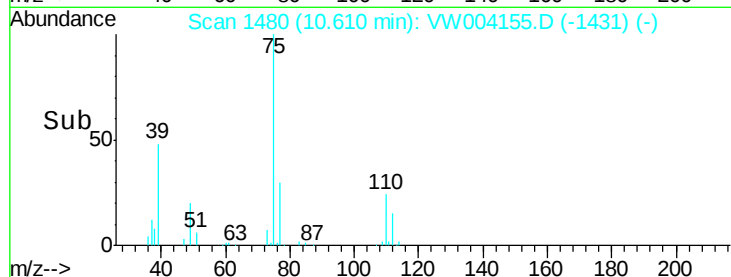
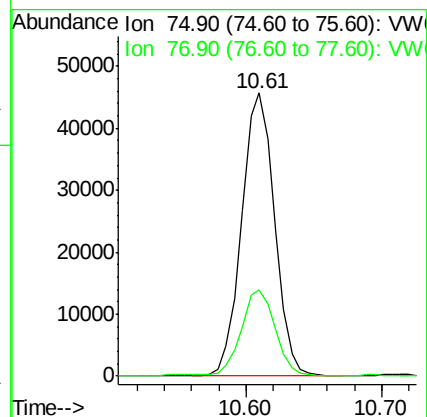
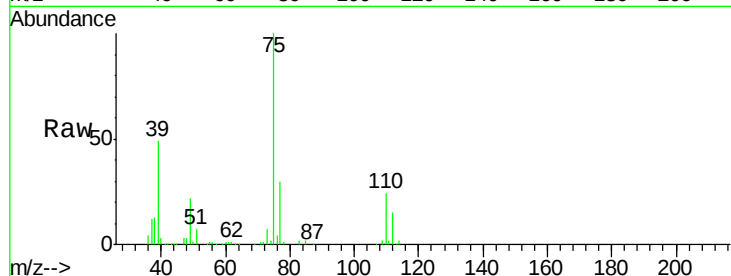
77 30.1 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 19.96 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

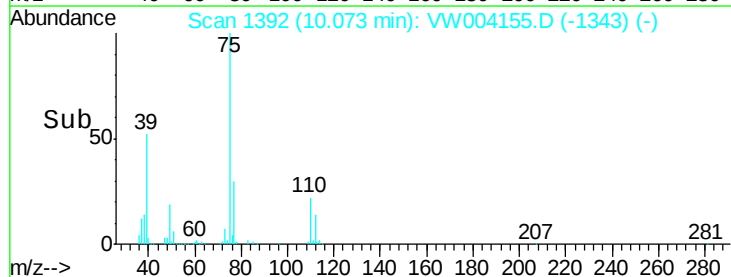
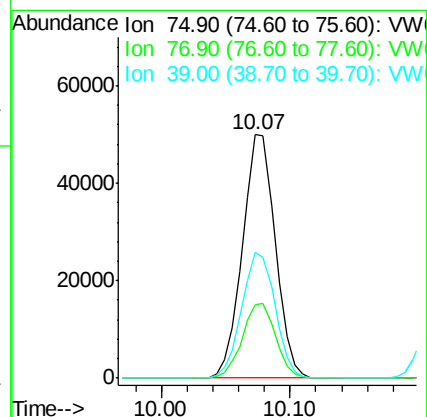
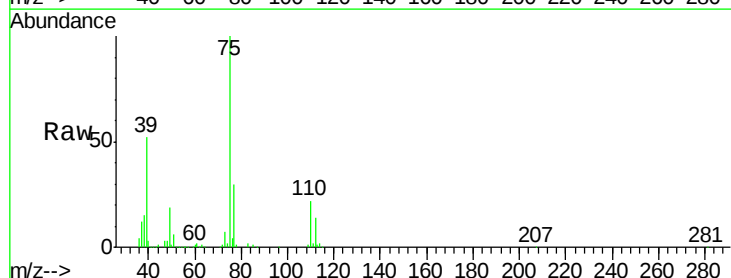
Tgt Ion: 75 Resp: 88225

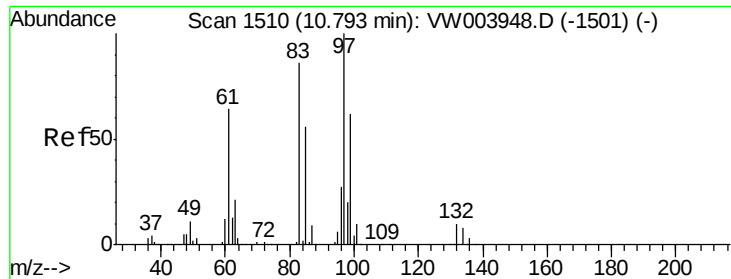
Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.2

39 51.7 43.0 64.6





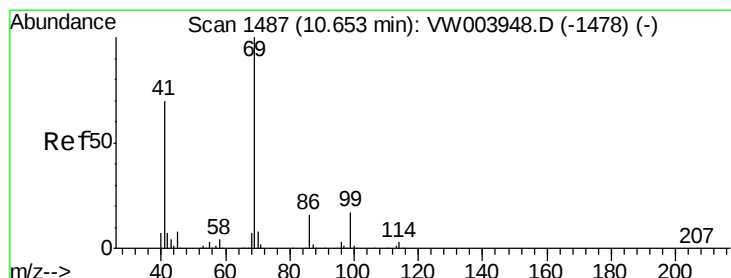
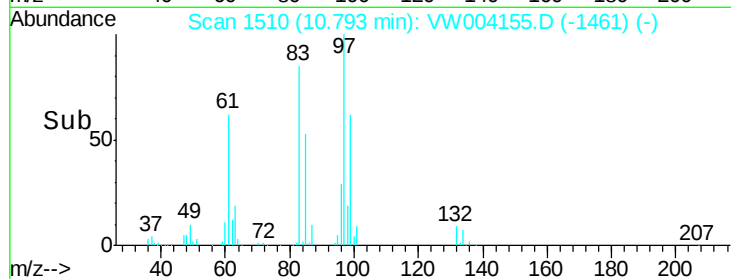
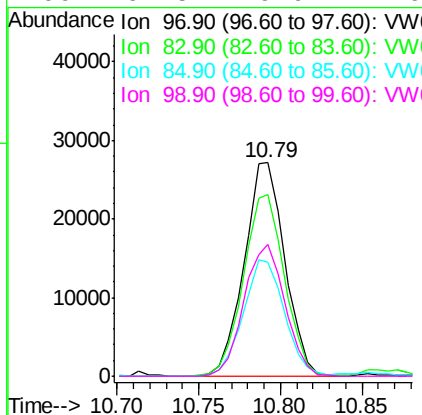
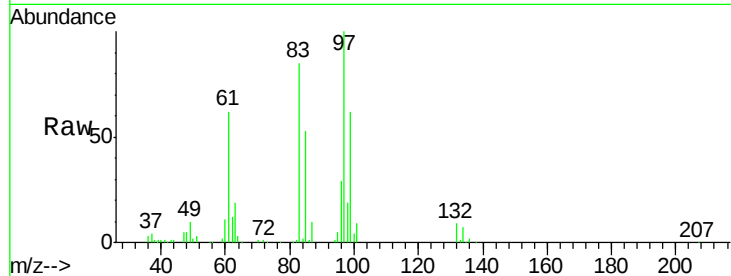
#55
 1,1,2-Trichloroethane
 Concen: 22.40 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		47216		
83	84.8	69.0	103.4		
85	53.4	45.0	67.6		
99	61.5	49.9	74.9		

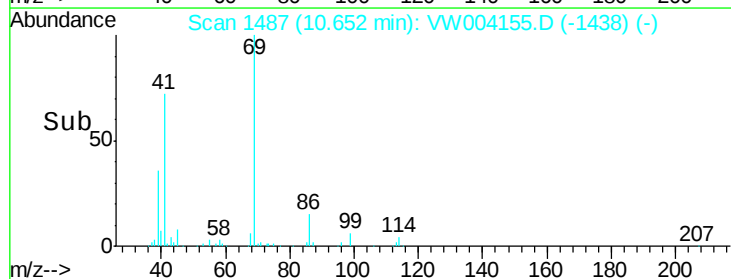
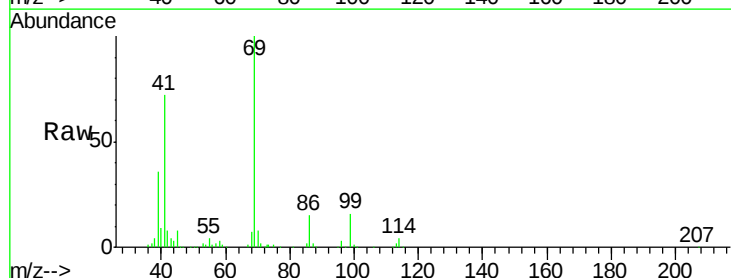
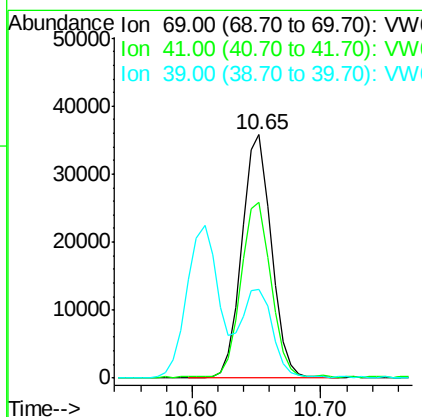
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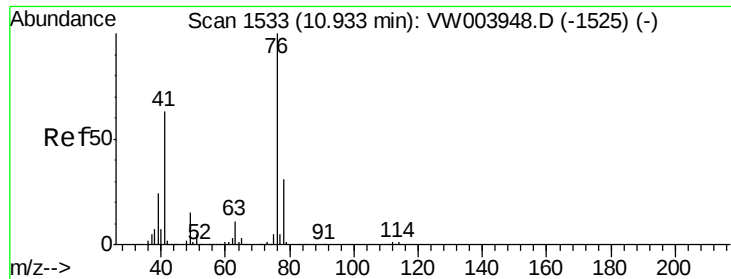
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#56
 Ethyl methacrylate
 Concen: 20.62 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		56604		
41	72.8	56.5	84.7		
39	34.7	30.2	45.4		





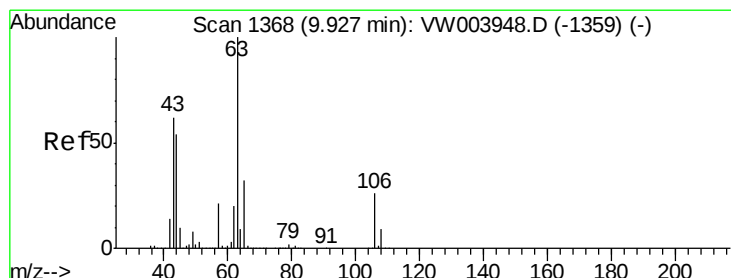
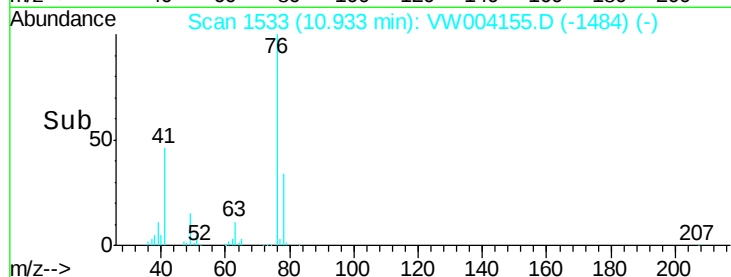
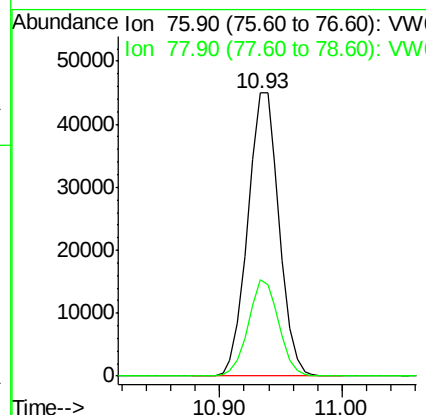
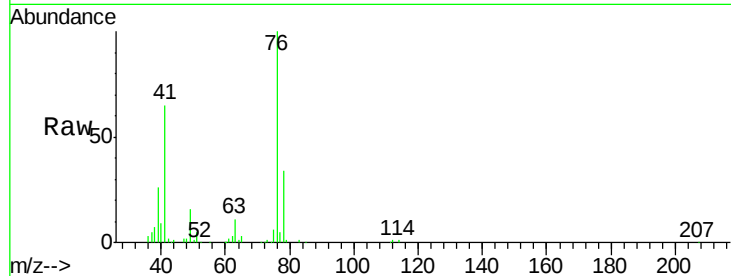
#57
 1,3-Dichloropropane
 Concen: 21.85 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion: 76 Resp: 79994
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.2 37.8

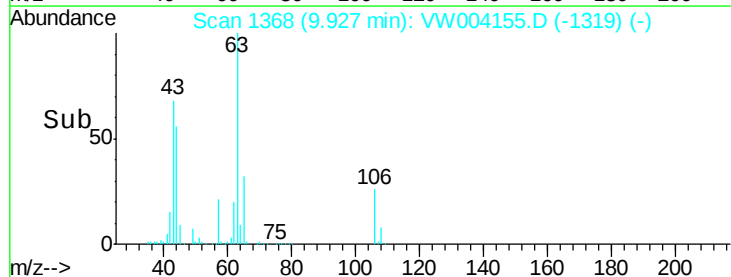
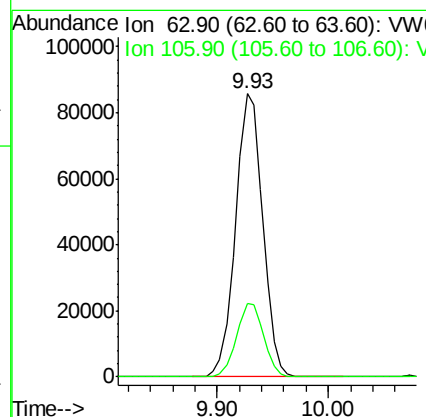
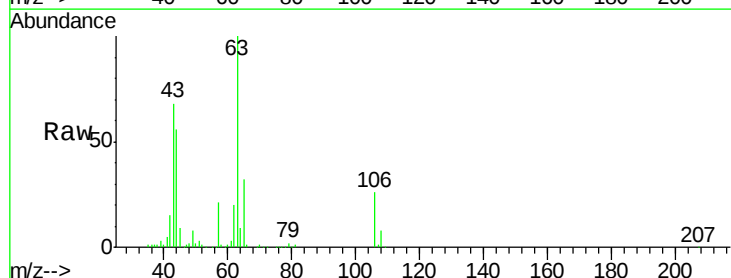
Manual Integrations
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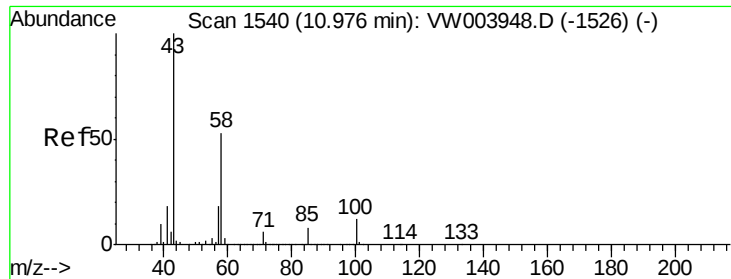
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 115.53 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion: 63 Resp: 144448
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.2 31.8





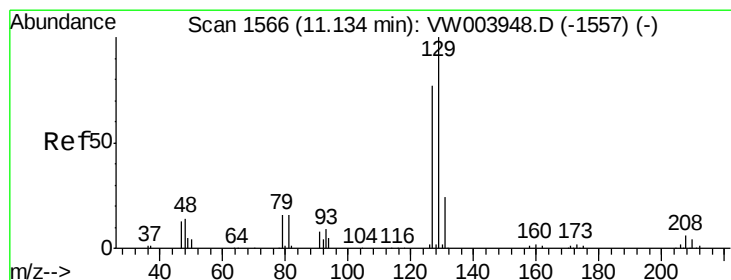
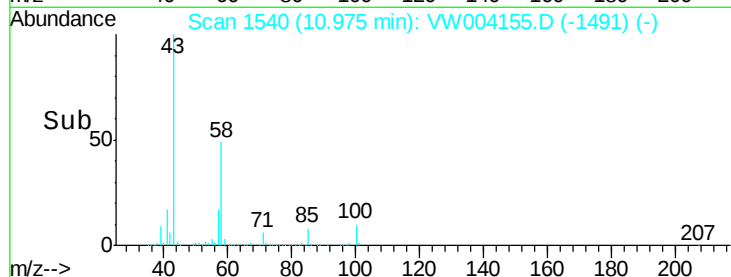
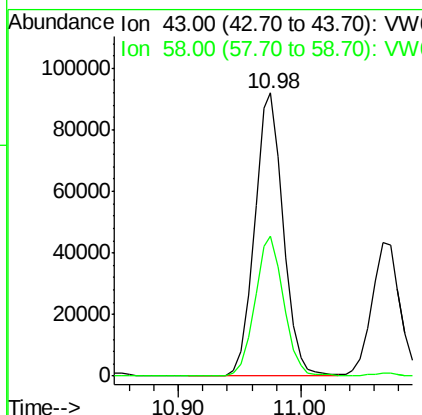
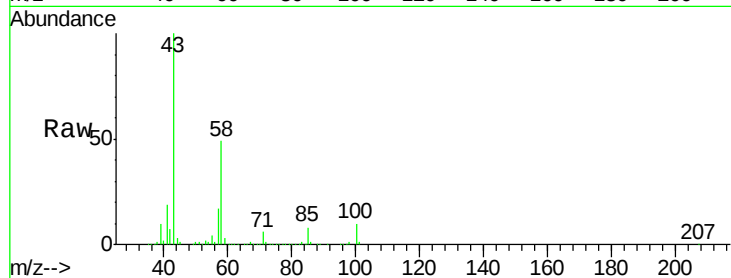
#59
2-Hexanone
Concen: 108.55 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion: 43 Resp: 149968
Ion Ratio Lower Upper
43 100
58 49.5 26.0 78.0

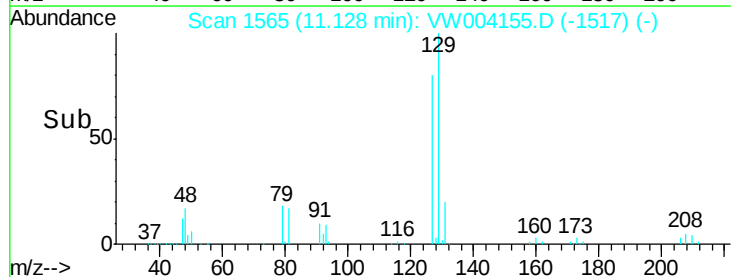
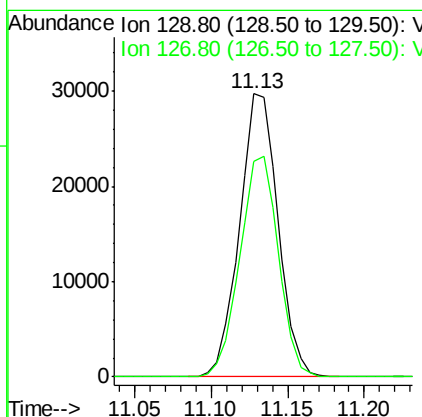
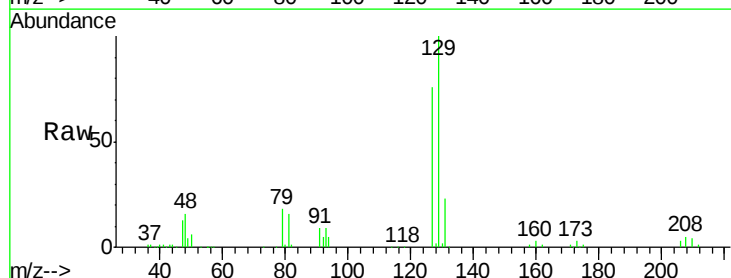
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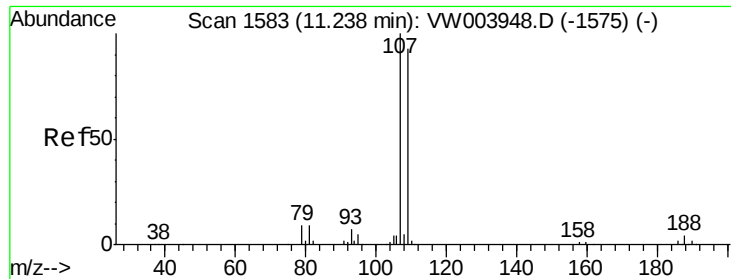
apatel
7/24/2018 11:50:07 AM



#60
Dibromochloromethane
Concen: 21.14 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 129 Resp: 51896
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 21.50 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion: 107 Resp: 43111

Ion Ratio Lower Upper

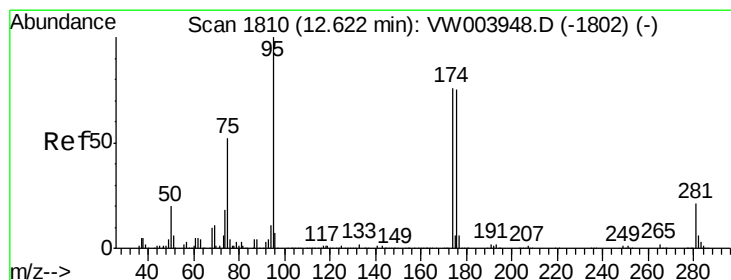
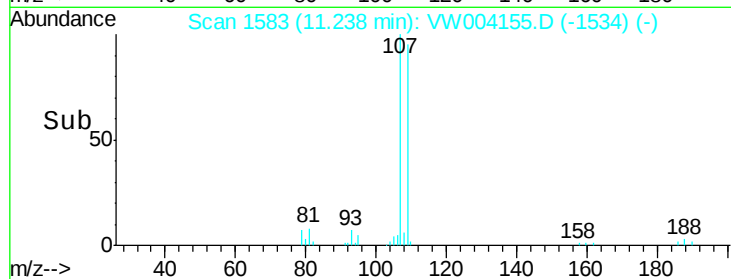
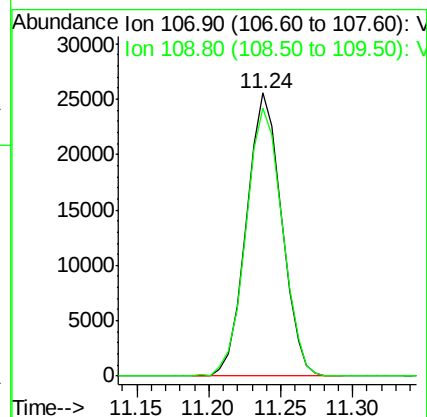
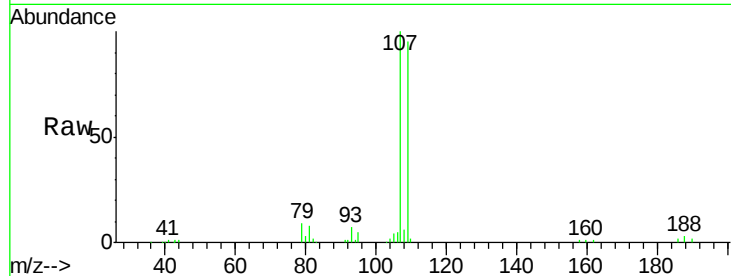
107 100

109 97.9 74.3 111.5

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#62

4-Bromofluorobenzene

Concen: 50.73 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

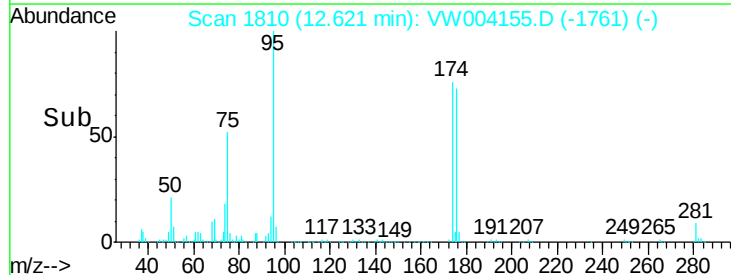
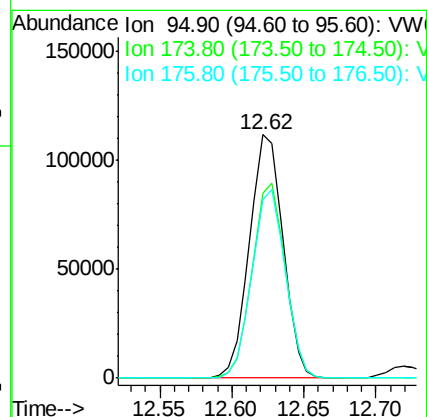
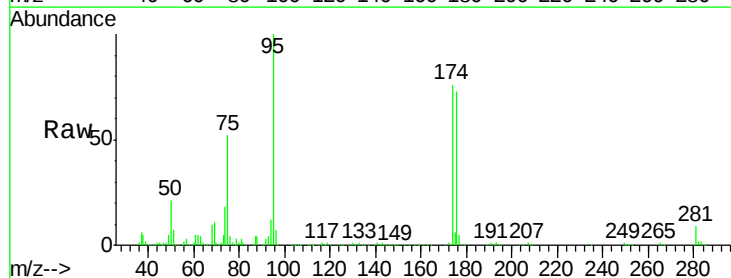
Tgt Ion: 95 Resp: 180547

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.2

176 77.2 0.0 155.8





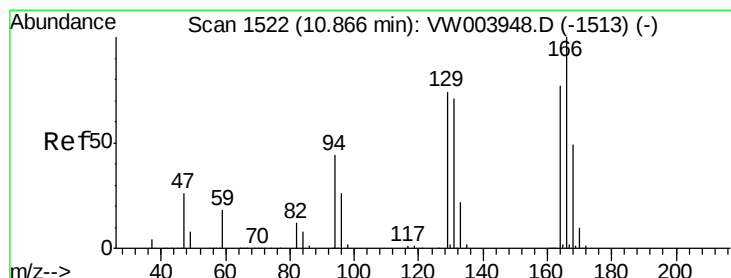
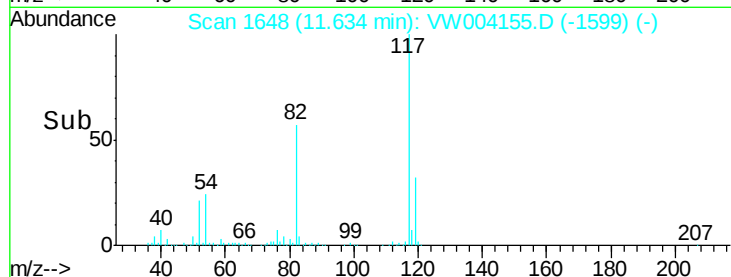
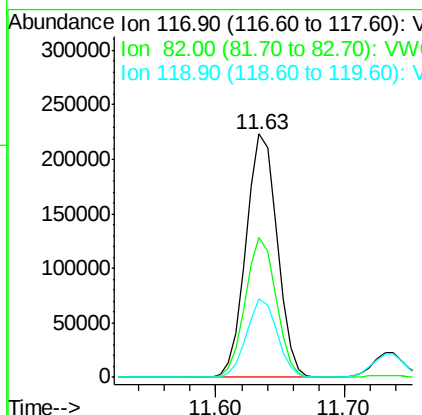
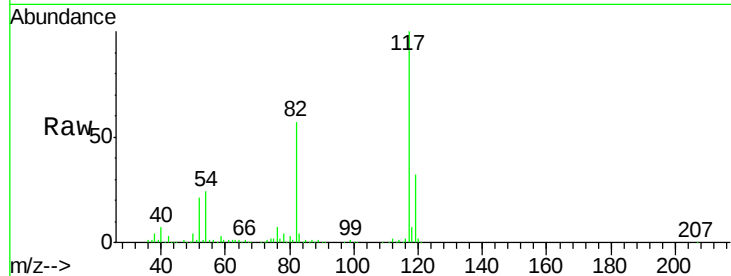
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	372837		
82	57.3	46.5	69.7	
119	32.4	26.2	39.2	

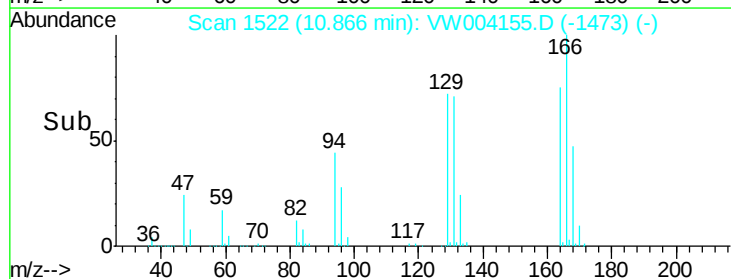
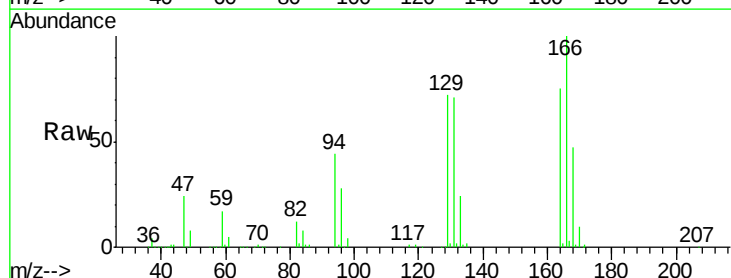
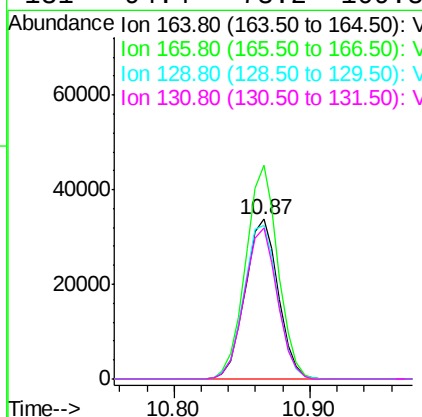
Manual Integrations
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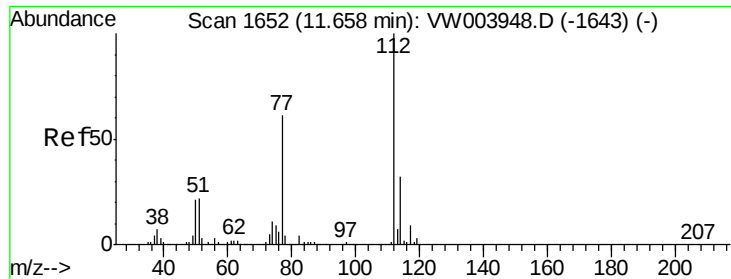
apatel
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#64
Tetrachloroethene
Concen: 22.45 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	57427		
166	133.6	103.5	155.3	
129	95.9	76.8	115.2	
131	94.4	73.2	109.8	





#65

Chlorobenzene

Concen: 20.27 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion:112 Resp: 160669

Ion Ratio Lower Upper

112 100

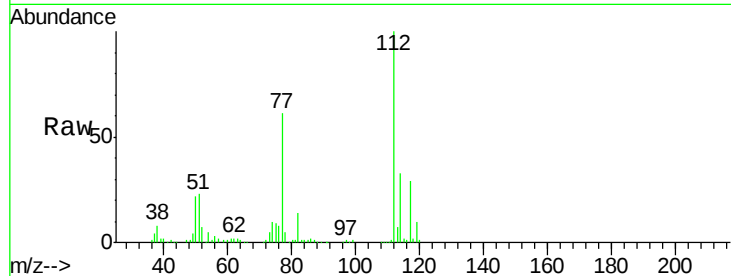
114 32.6 25.2 37.8

Manual Integrations

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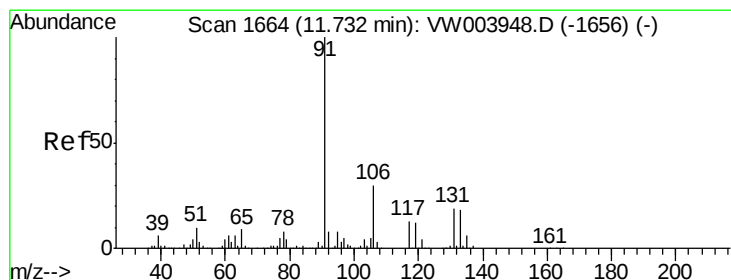
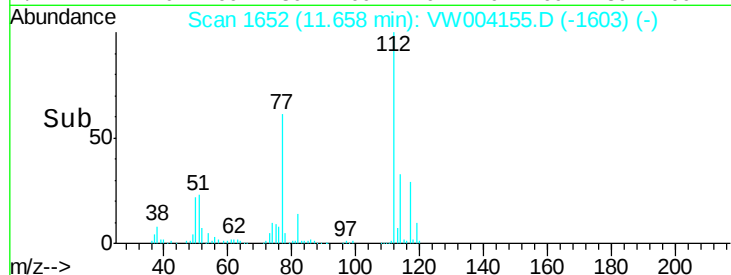
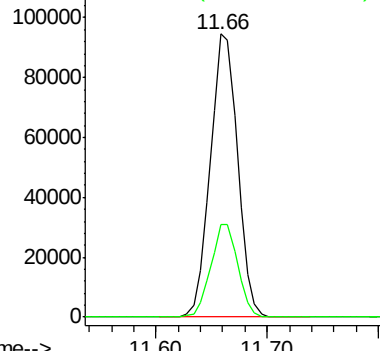
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.28 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

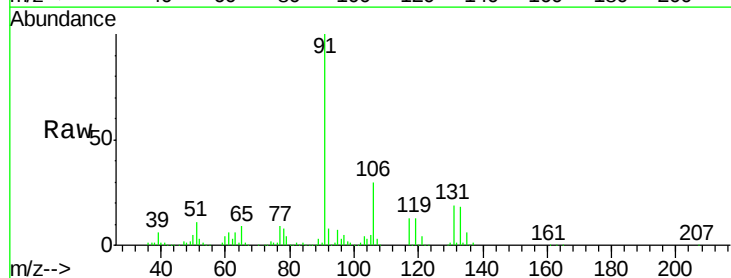
Tgt Ion:131 Resp: 55868

Ion Ratio Lower Upper

131 100

133 97.1 47.9 143.8

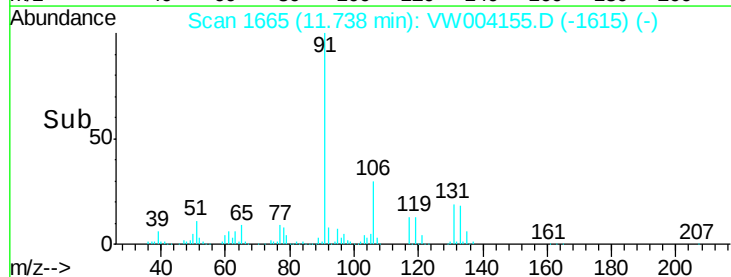
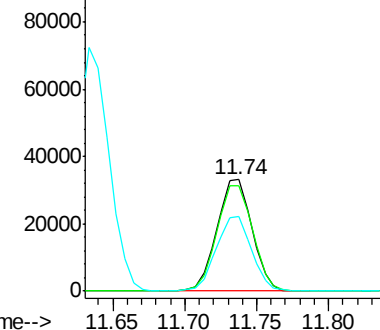
119 67.3 32.5 97.5

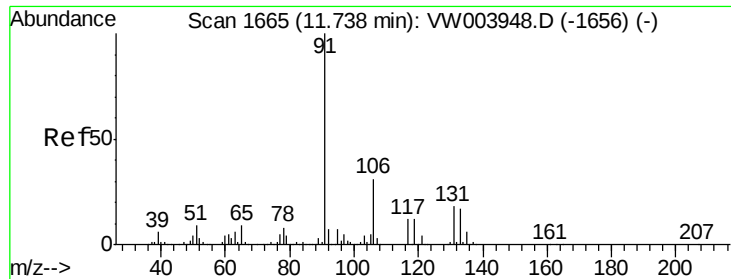


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





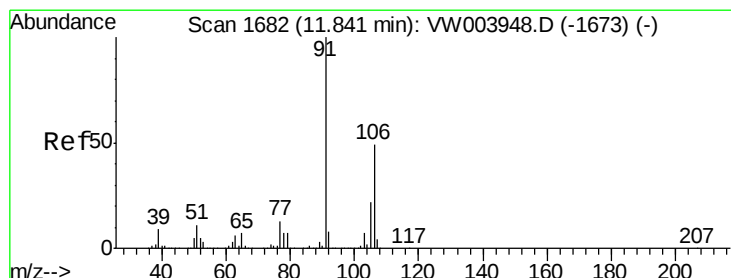
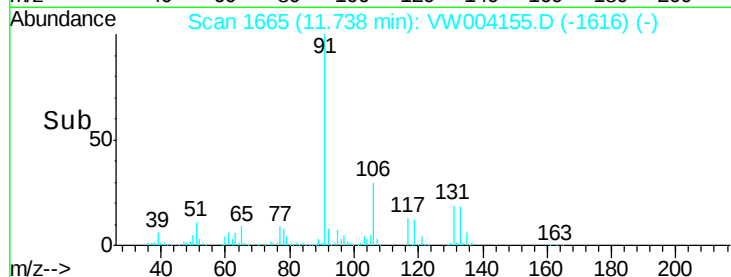
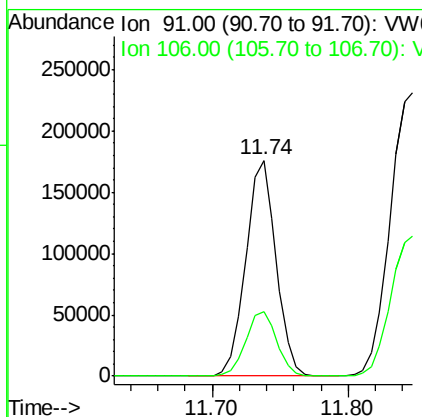
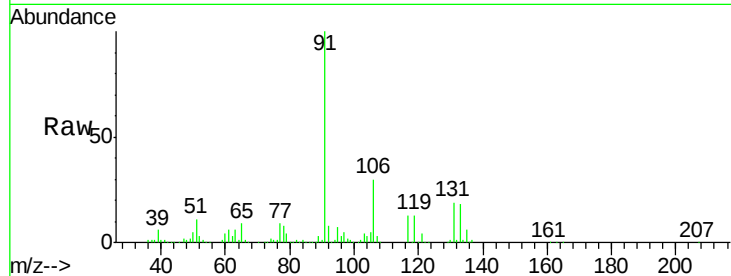
#67
Ethyl Benzene
Concen: 19.64 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion: 91 Resp: 273505
Ion Ratio Lower Upper
91 100
106 29.7 25.0 37.4

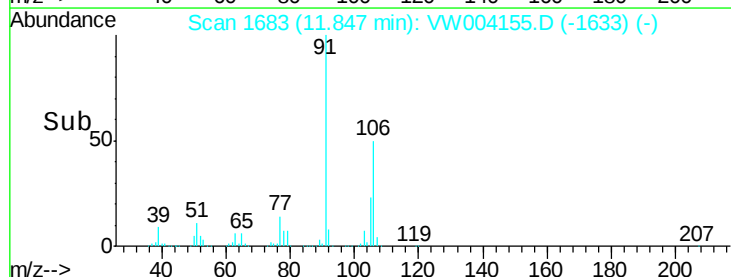
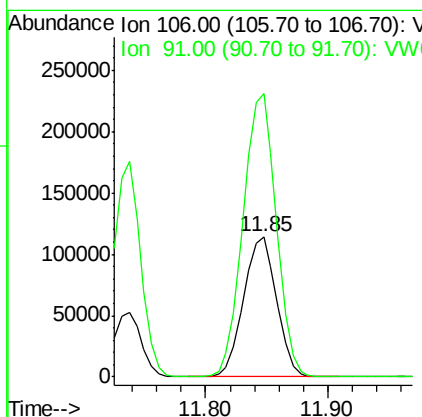
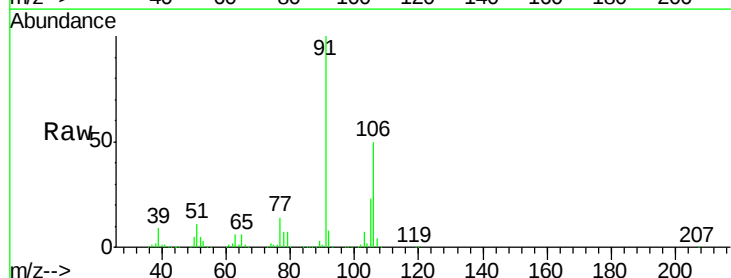
Manual Integrations
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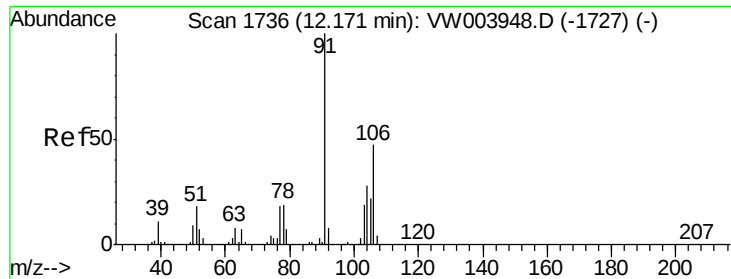
apatel
7/24/2018 11:50:07 AM



#68
m/p-Xylenes
Concen: 40.19 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 106 Resp: 213909
Ion Ratio Lower Upper
106 100
91 203.6 164.2 246.2





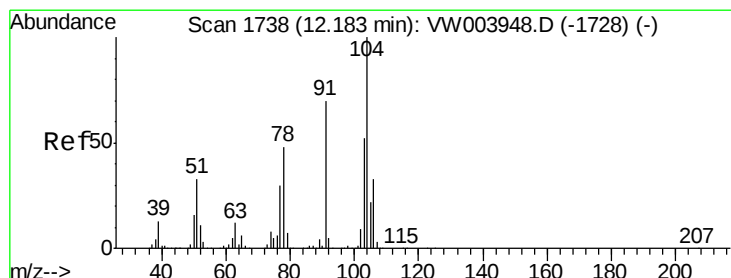
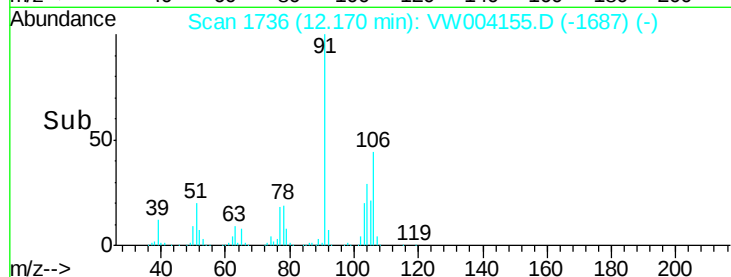
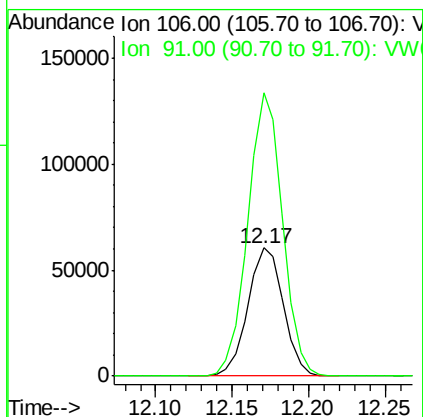
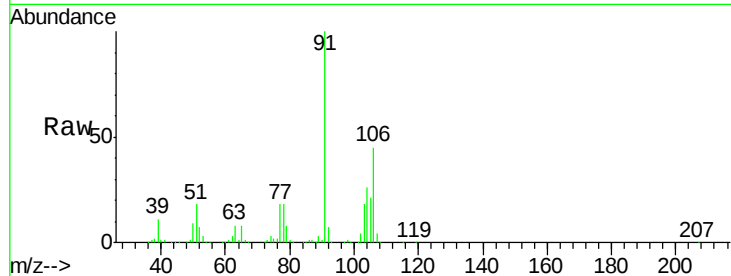
#69
o-Xylene
Concen: 19.75 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampled :
VW0723SBS02

Tot Ion:106 Resp: 97529
Ion Ratio Lower Upper
106 100
91 216.3 107.5 322.6

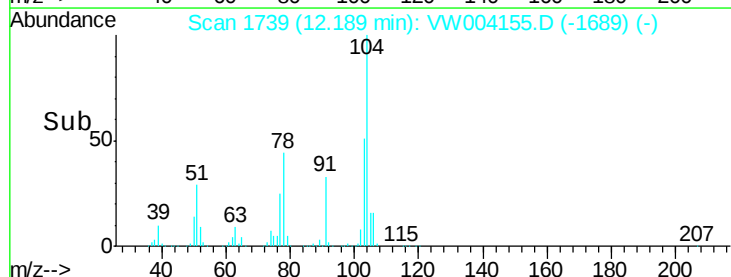
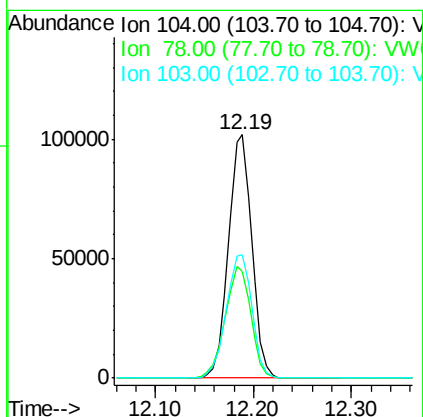
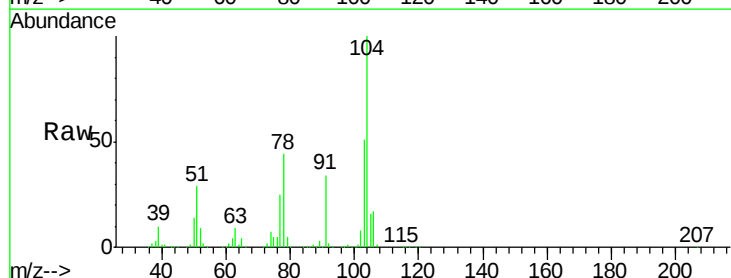
Manual Integrations
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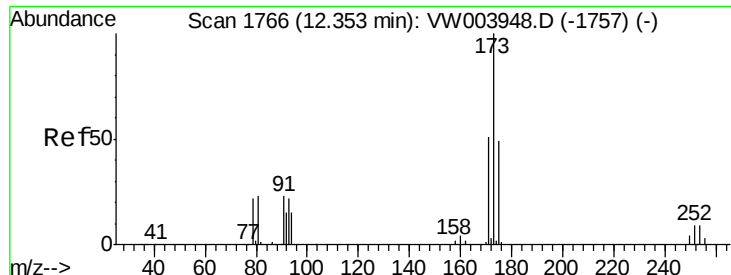
apatel
7/24/2018 11:50:07 AM



#70
Styrene
Concen: 20.53 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion:104 Resp: 169291
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.4
103 55.5 44.6 67.0





#71

Bromoform

Concen: 20.77 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

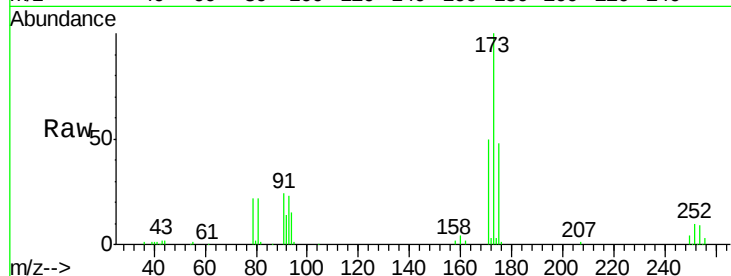
ClientSampleId :

VW0723SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.2
254	0.1	0.1	0.1#

Manual Integrations
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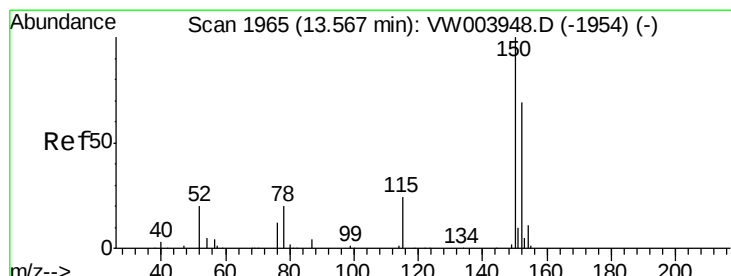
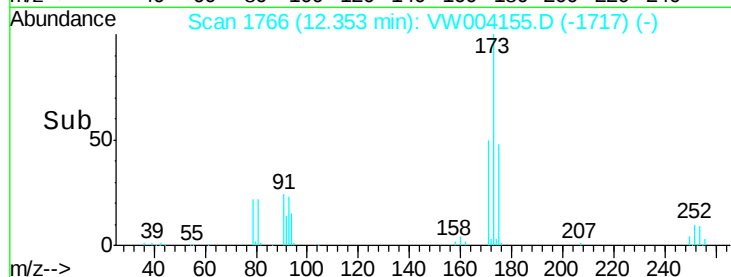
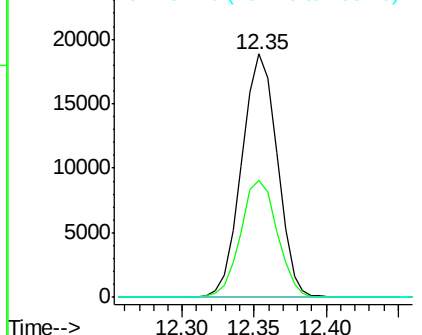


Abundance

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

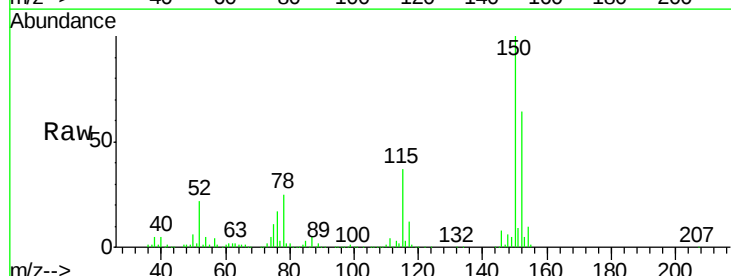
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.2	87.6
150	162.7	0.0	345.2

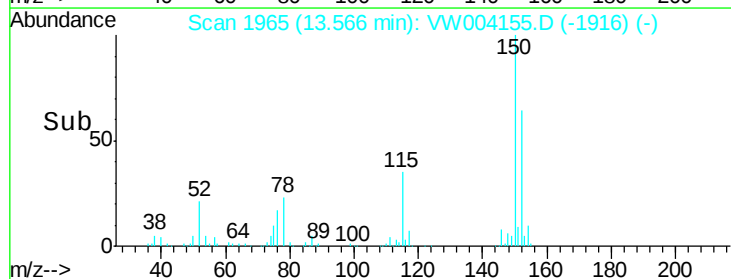
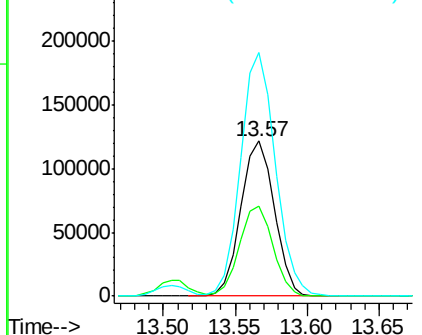


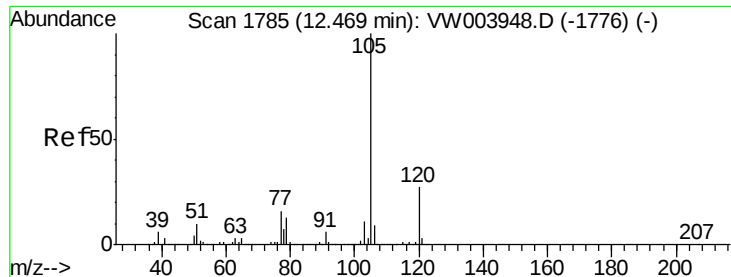
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





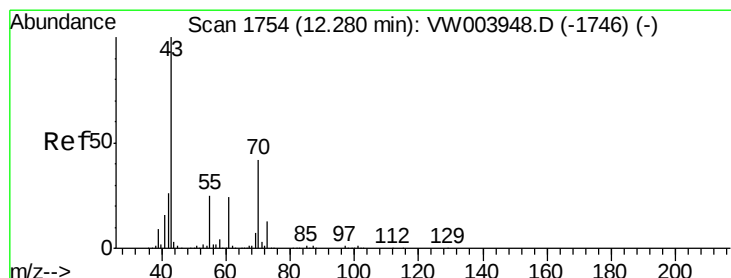
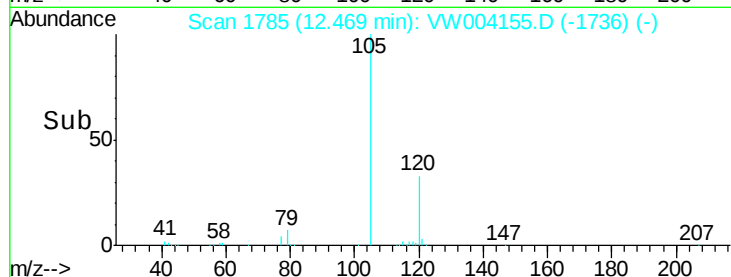
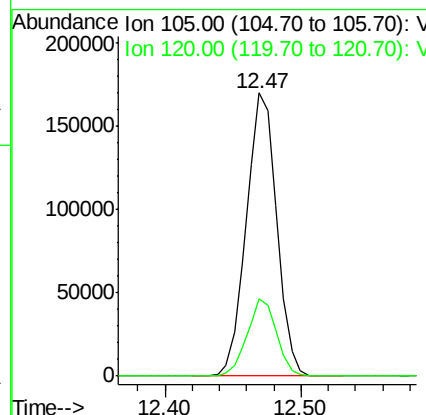
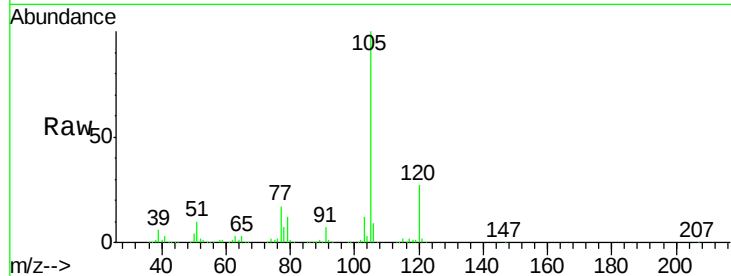
#73
Isopropylbenzene
Concen: 19.08 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.6

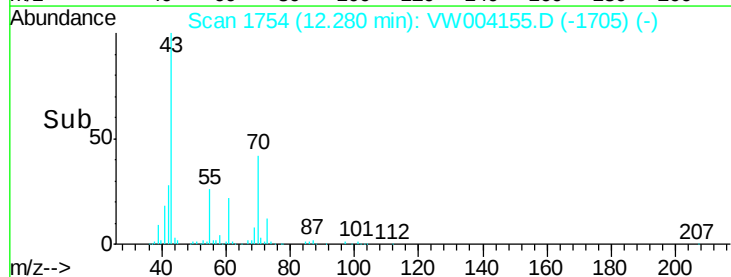
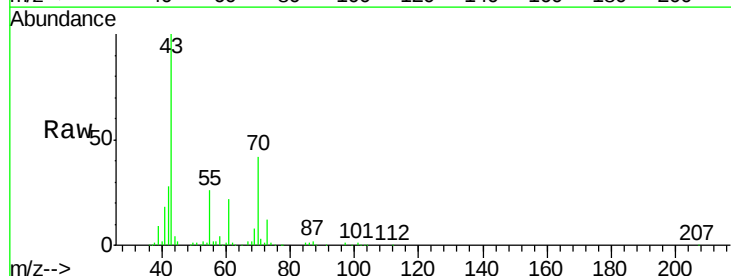
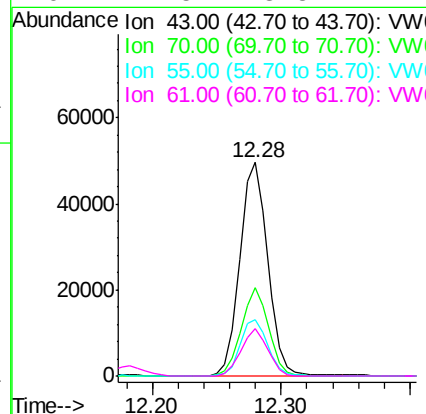
Manual Integrations
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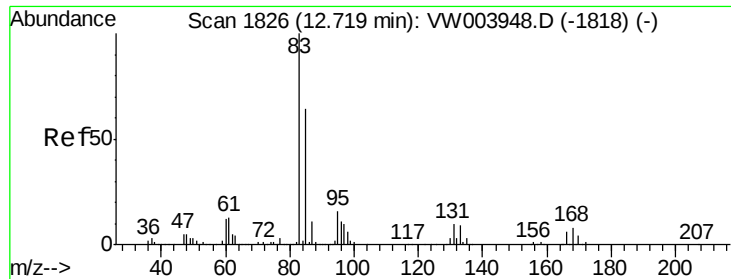
apatel
7/24/2018 11:50:07 AM



#74
N-ethyl acetate
Concen: 20.63 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.4	31.6	47.4
55	26.1	20.0	30.0
61	21.5	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.29 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

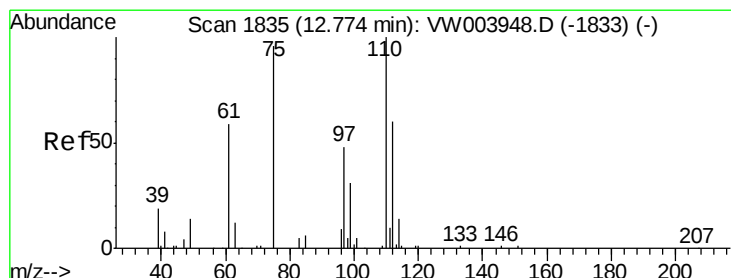
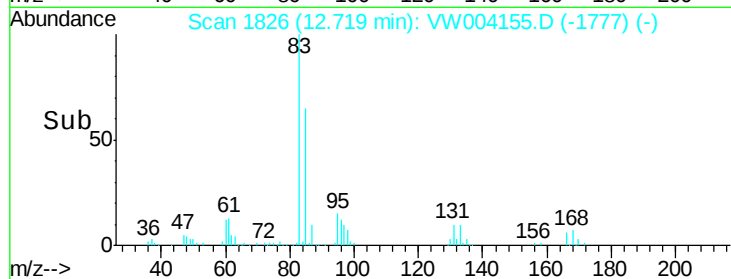
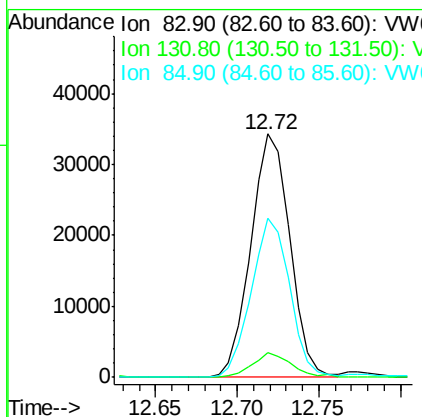
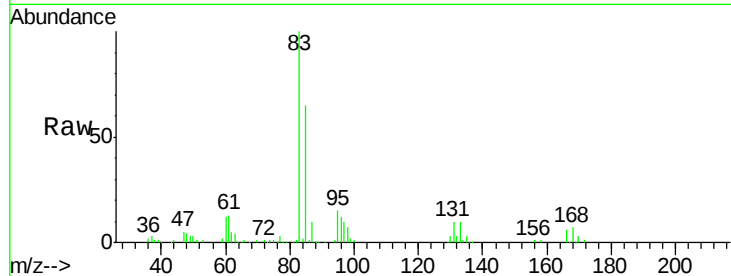
ClientSampleId :

VW0723SBS02

Tot Ion:	83	Resp:	57236
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	64.4	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.88 ug/l m

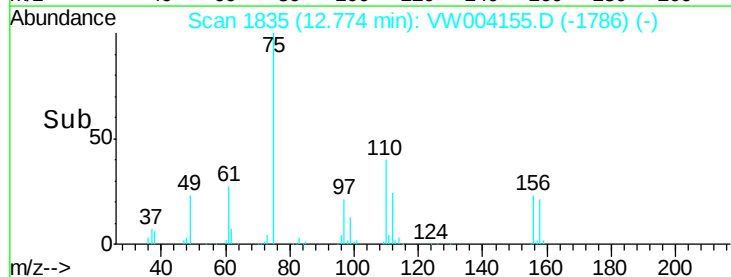
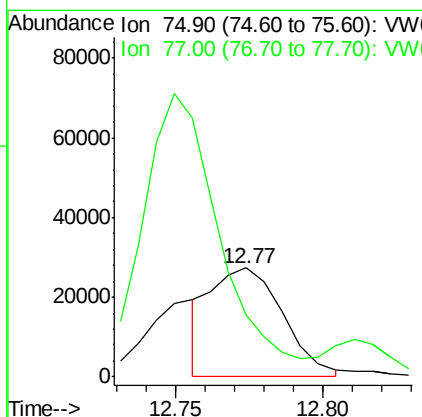
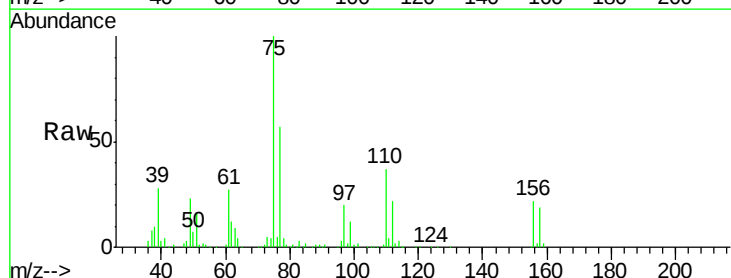
RT: 12.77 min Scan# 1835

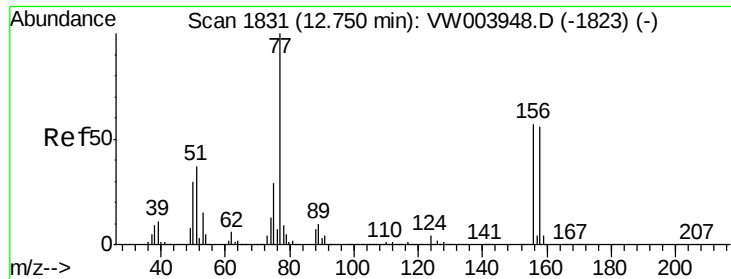
Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Tgt Ion:	75	Resp:	46622
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.73 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

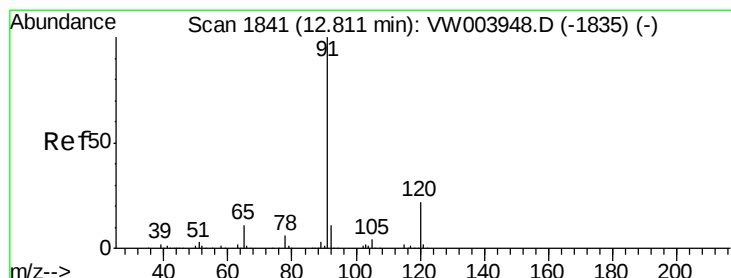
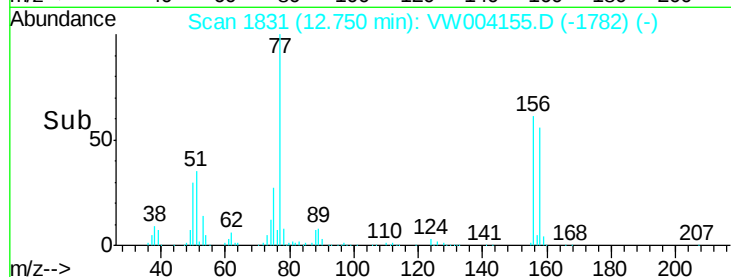
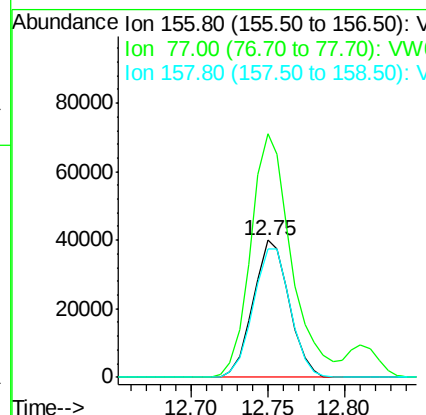
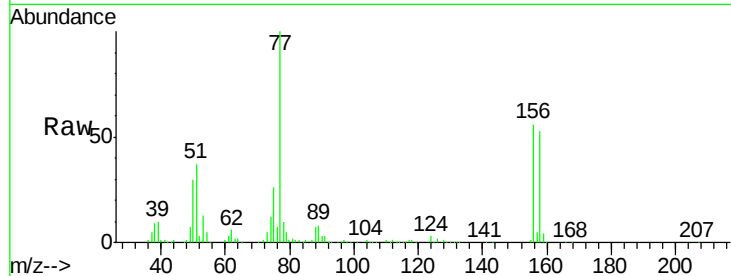
ClientSampleId :

VW0723SBS02

Tot Ion:	156	Resp:	65624
Ion Ratio	Lower	Upper	
156	100		
77	198.4	96.2	288.6
158	96.9	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 19.66 ug/l

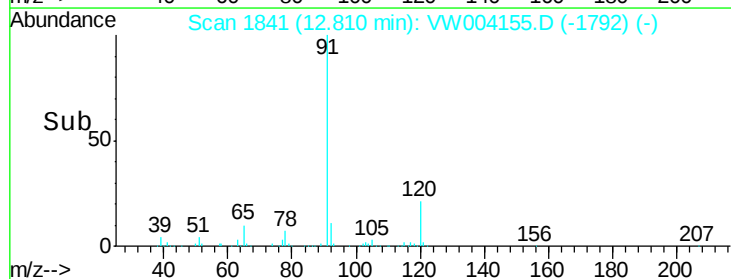
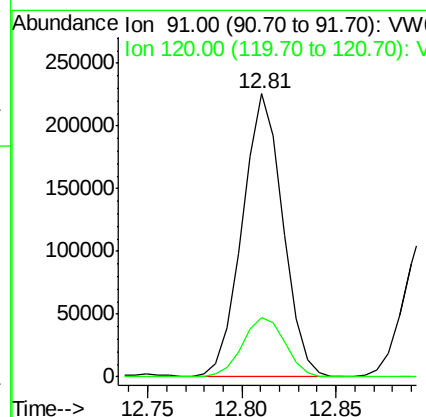
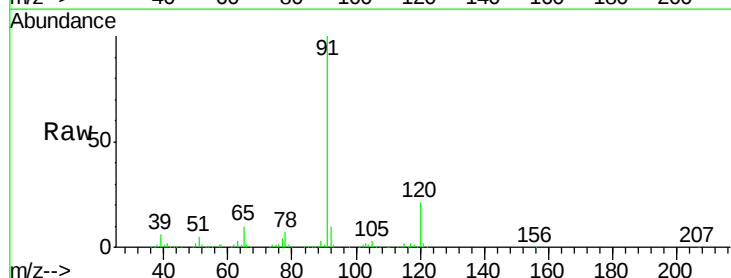
RT: 12.81 min Scan# 1841

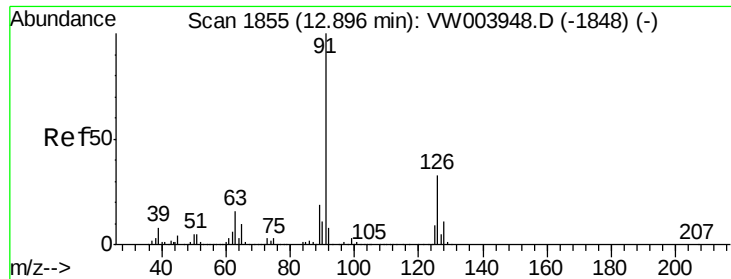
Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Tgt Ion:	91	Resp:	335281
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.2	33.6





#79

2-Chlorotoluene

Concen: 20.10 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS02

Tot Ion: 91 Resp: 193286

Ion Ratio Lower Upper

91 100

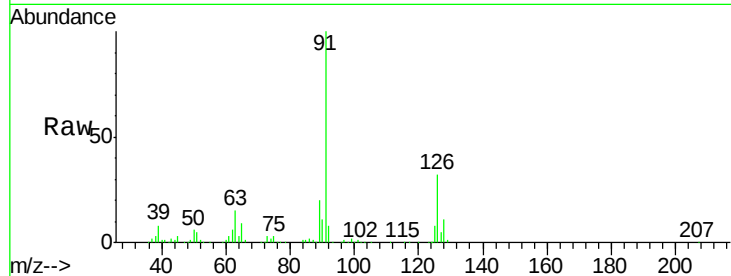
126 33.1 17.0 51.0

Manual Integrations

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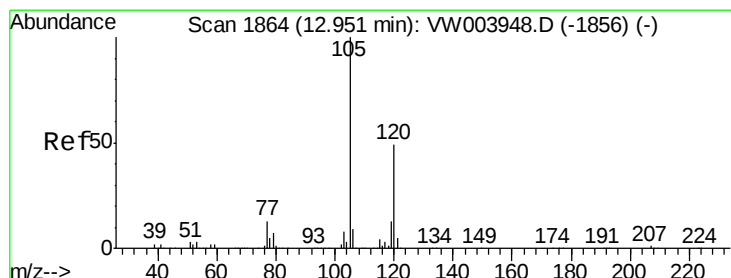
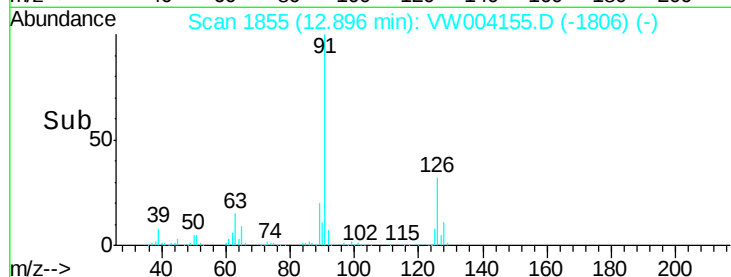
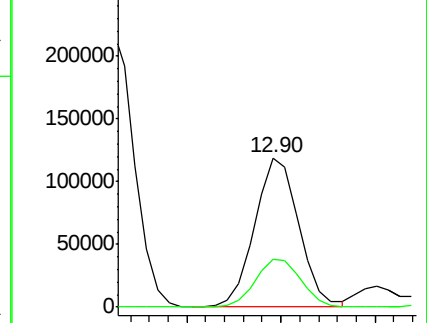
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.73 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004155.D

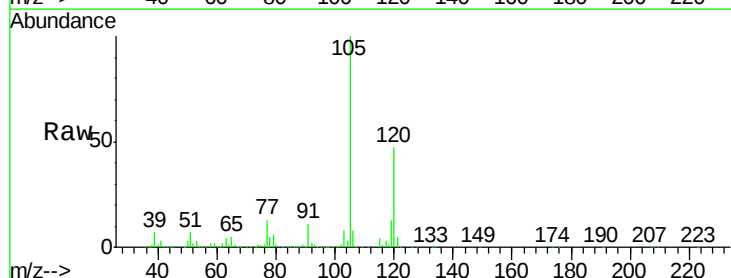
Acq: 24 Jul 2018 00:43

Tgt Ion:105 Resp: 230724

Ion Ratio Lower Upper

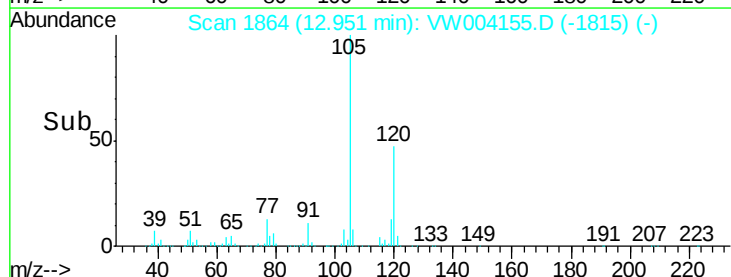
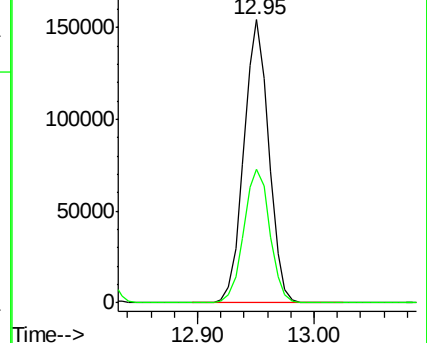
105 100

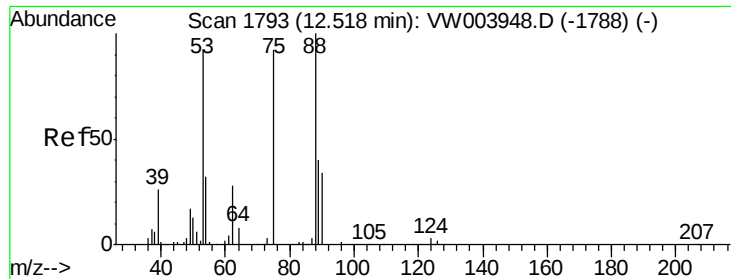
120 49.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





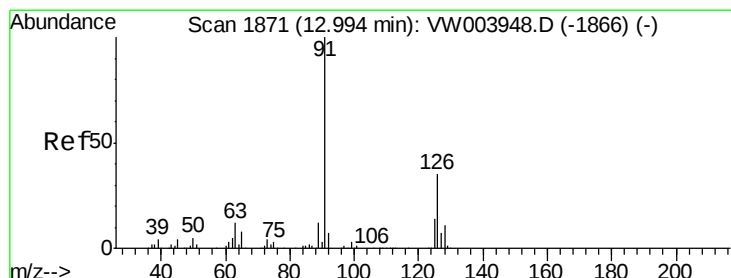
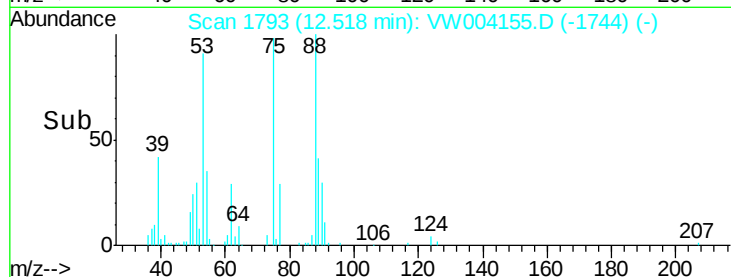
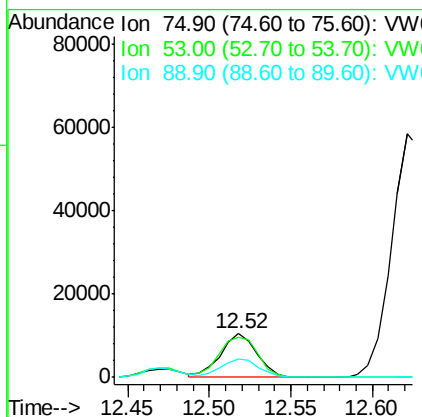
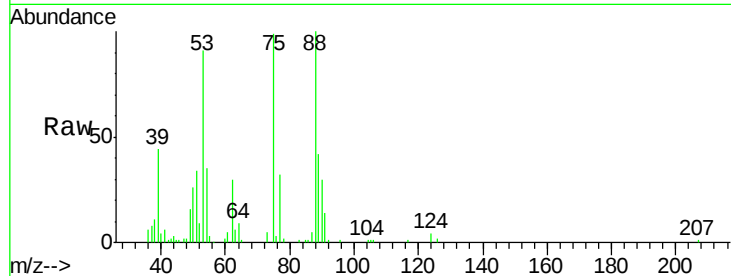
#81
trans-1,4-Dichloro-2-butene
Concen: 18.33 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	77.6	116.4
89	43.1	36.6	54.8

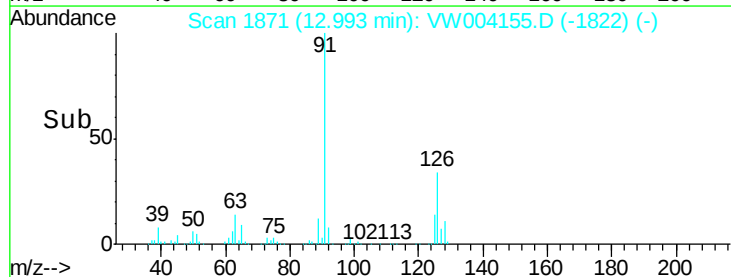
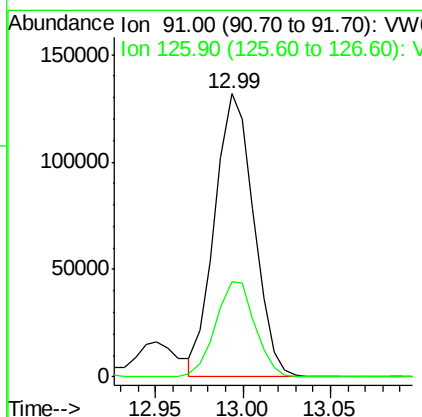
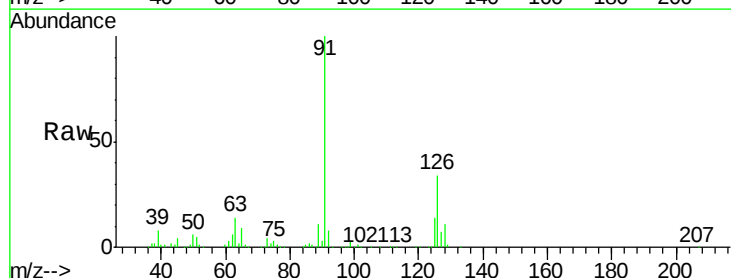
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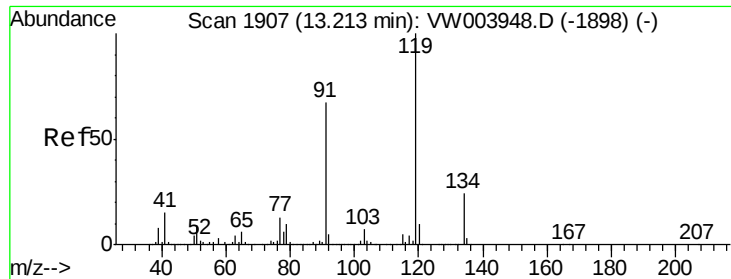
apatel
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#82
4-Chlorotoluene
Concen: 19.79 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.7	50.0





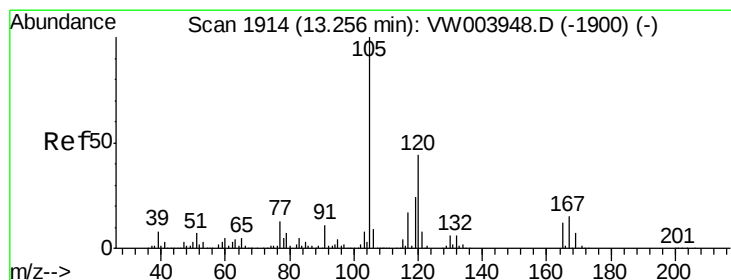
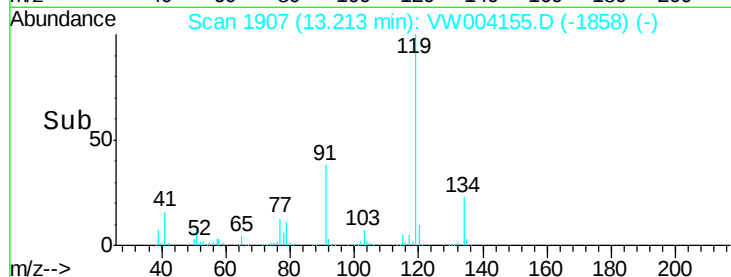
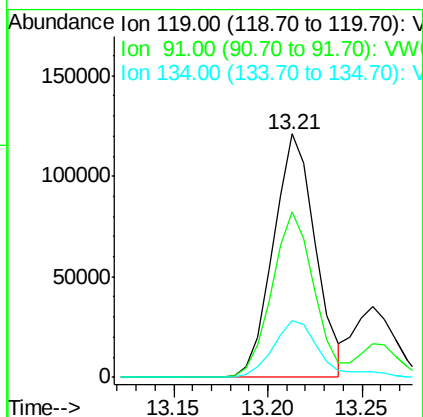
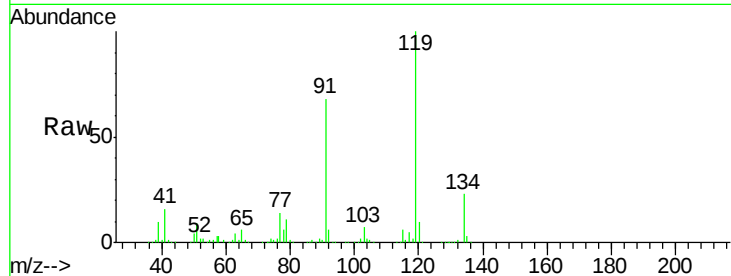
#83
tert-Butylbenzene
Concen: 19.11 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.6	33.2	99.6
134	26.0	13.0	38.9

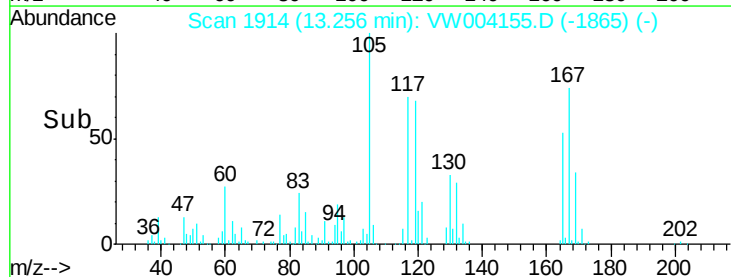
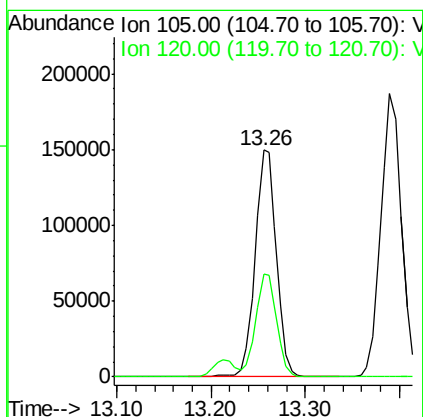
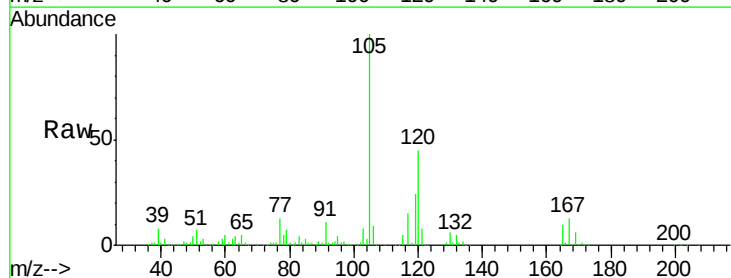
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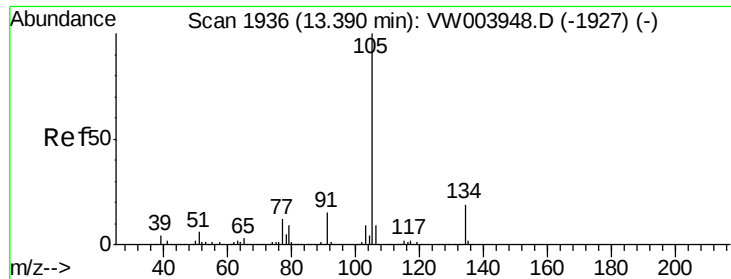
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 19.79 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.1





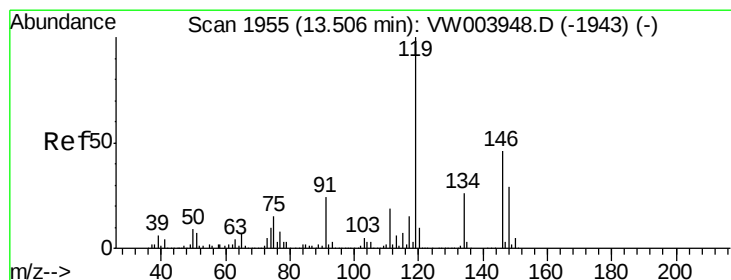
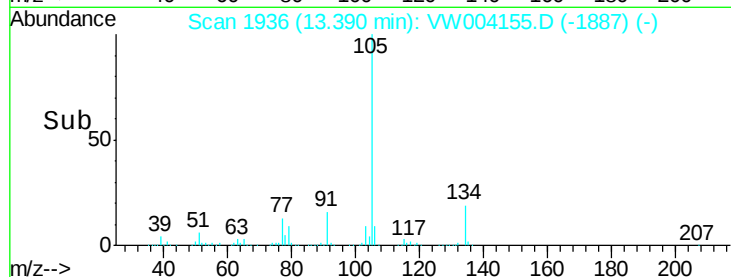
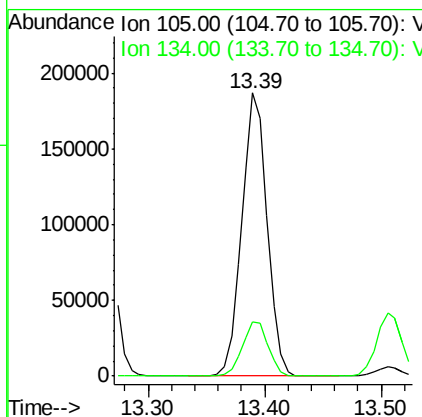
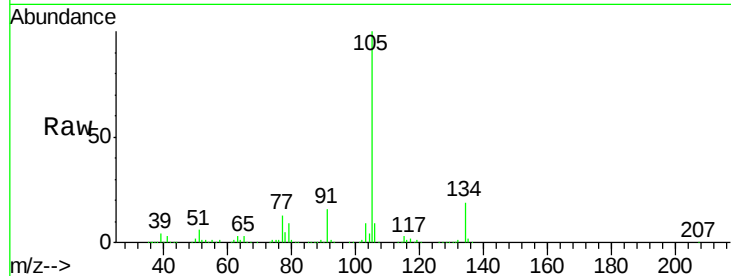
#85
 sec-Butylbenzene
 Concen: 19.44 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

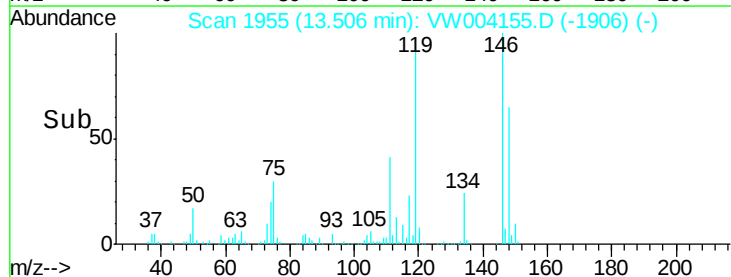
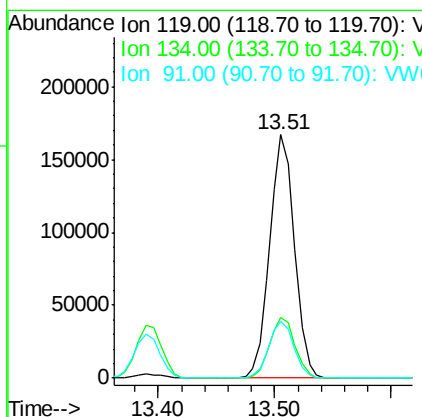
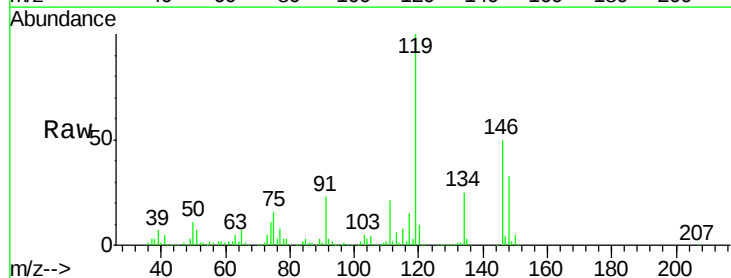
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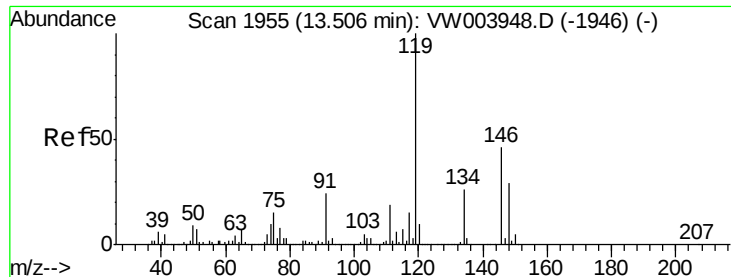
apatel
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#86
 p-Isopropyltoluene
 Concen: 19.38 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.0	38.9
91	23.4	11.8	35.3





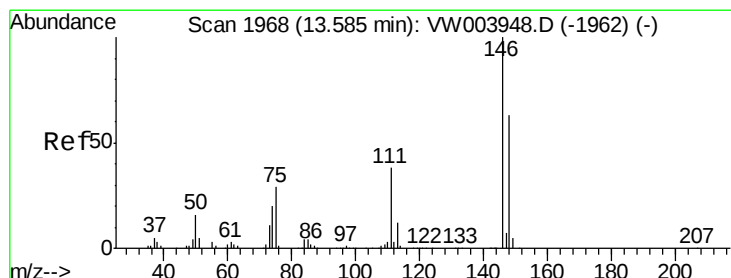
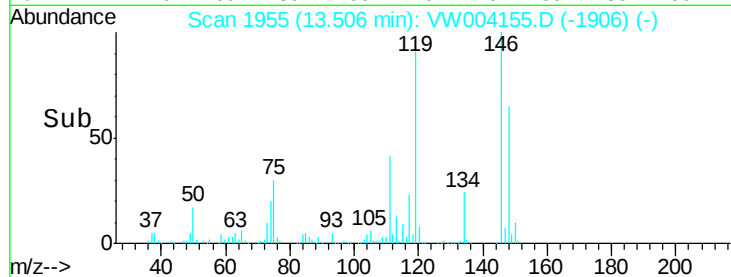
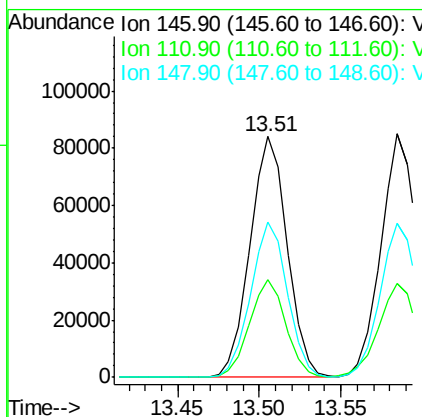
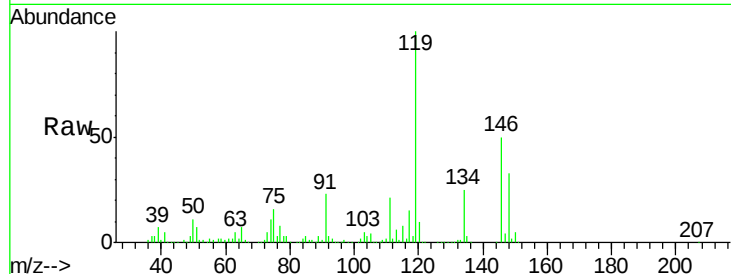
#87
 1,3-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	133161		
111	39.6	19.9	59.6	
148	63.7	31.9	95.5	

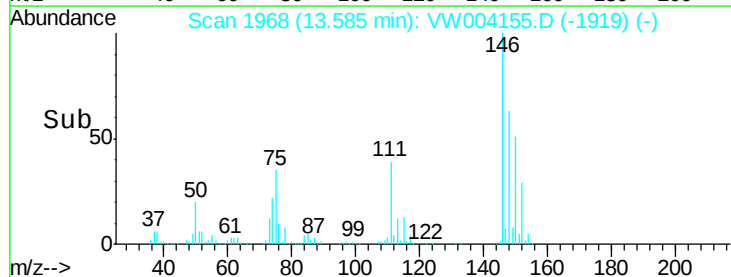
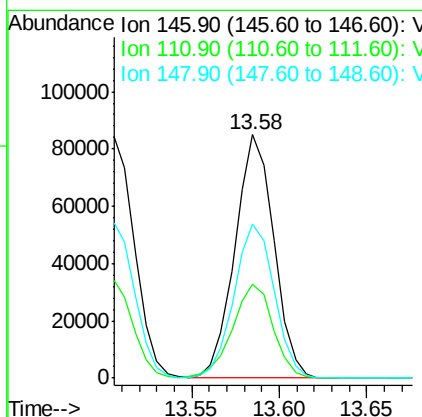
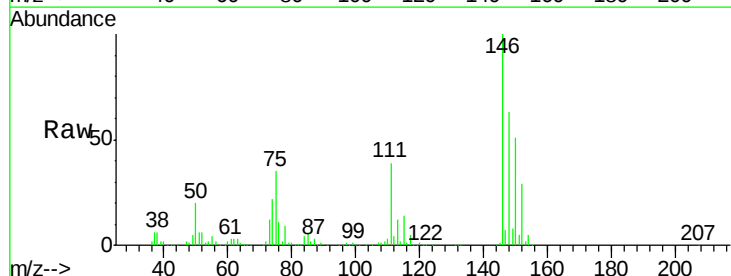
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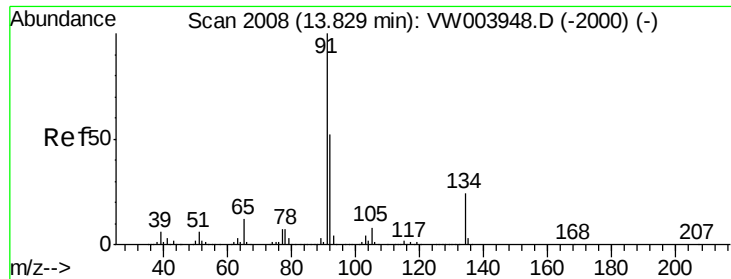
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	131692		
111	40.3	19.6	58.7	
148	65.4	32.3	96.8	





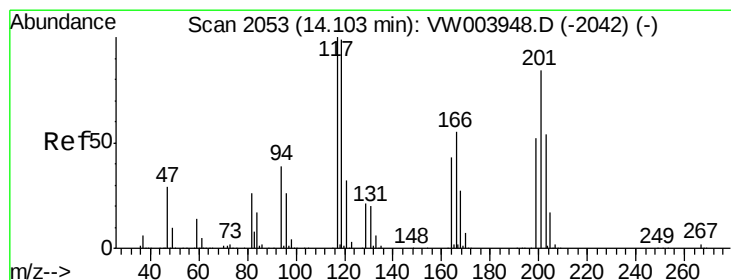
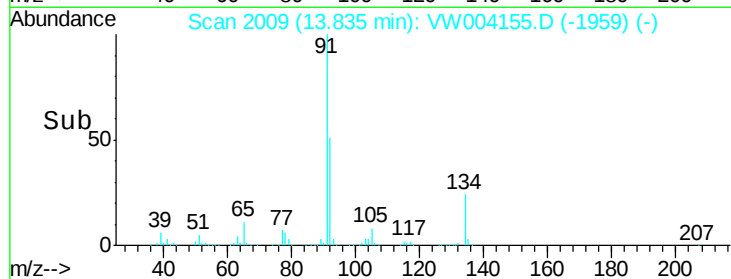
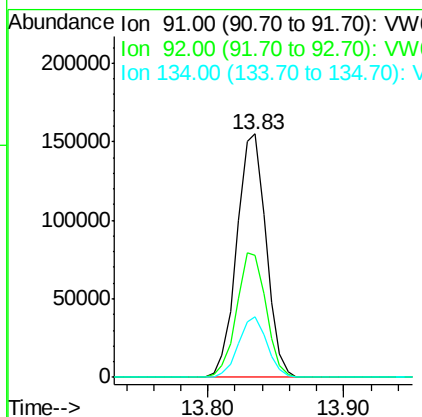
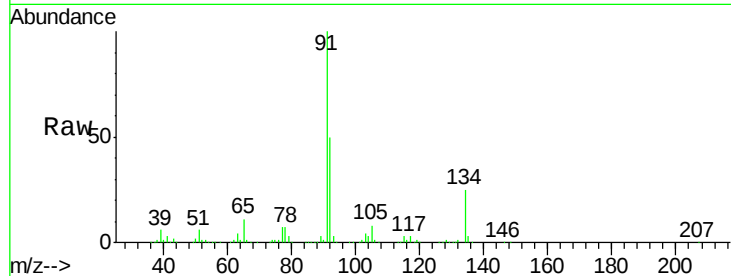
#89
n-Butylbenzene
Concen: 18.47 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.1	78.3
134	24.3	12.4	37.4

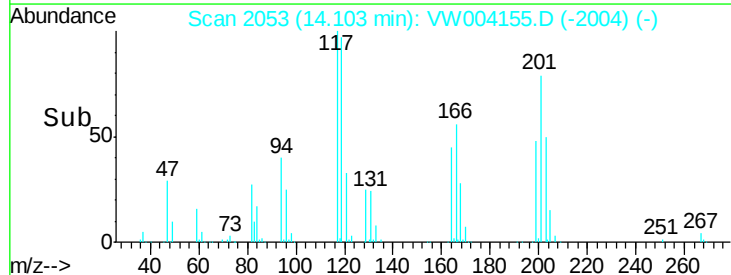
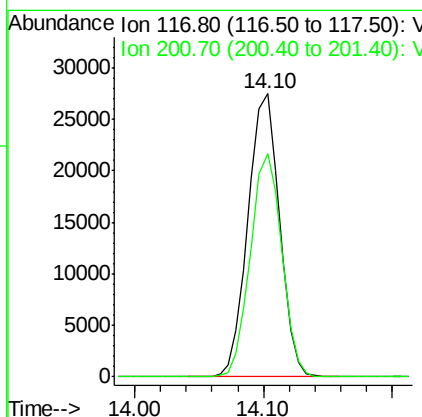
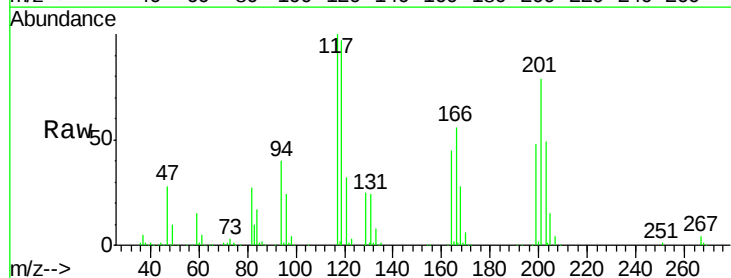
Manual Integrations
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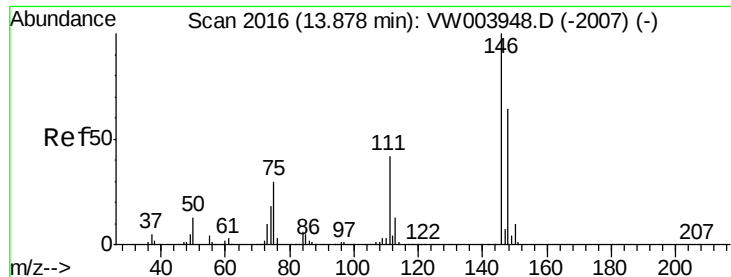
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#90
Hexachloroethane
Concen: 19.72 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	40.3	120.9





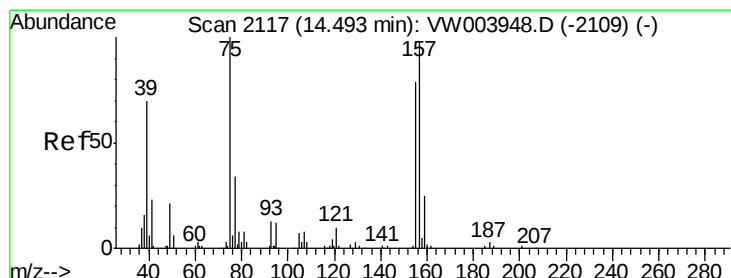
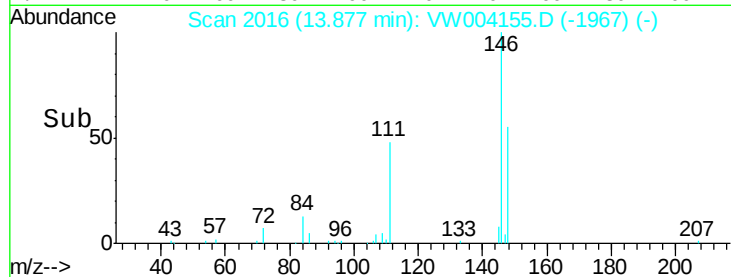
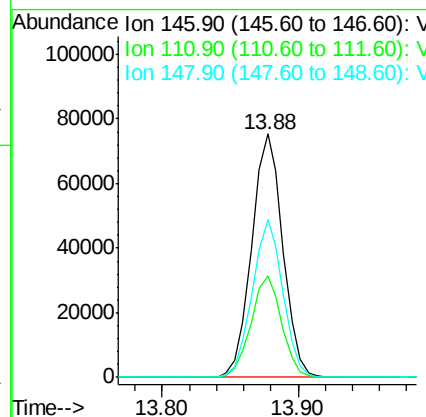
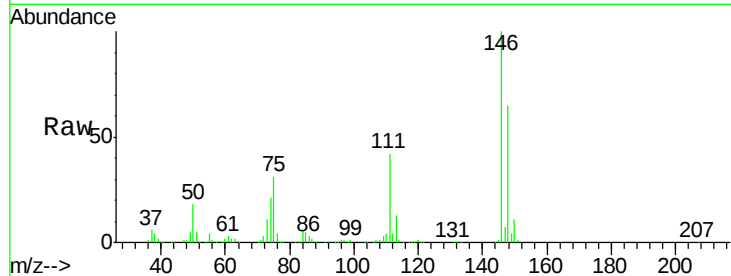
#91
 1,2-Dichlorobenzene
 Concen: 20.37 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	63.9	32.0	96.2

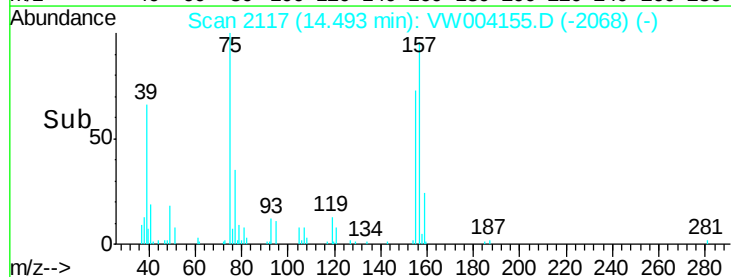
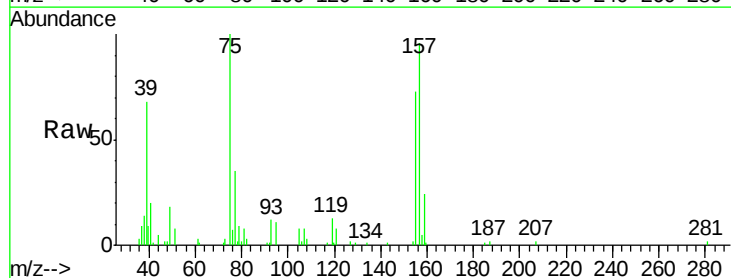
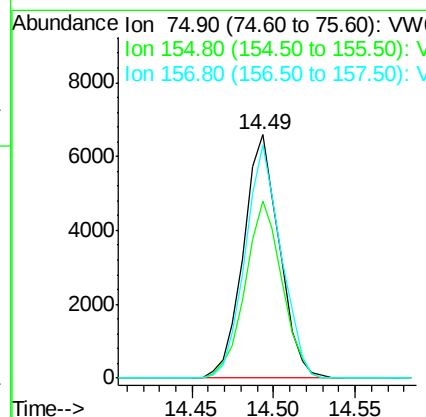
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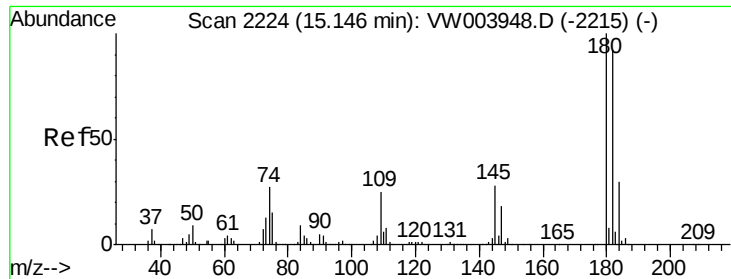
apatel
 7/24/2018 11:50:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.20 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.3	39.4	118.1
157	95.6	51.8	155.4





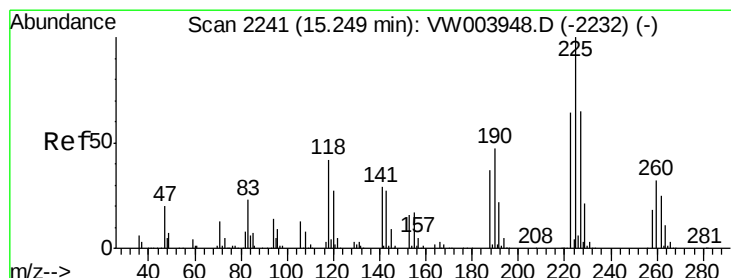
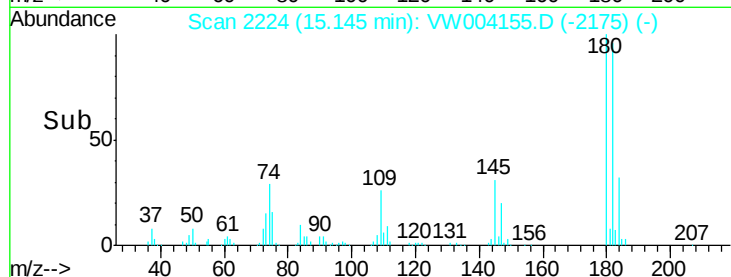
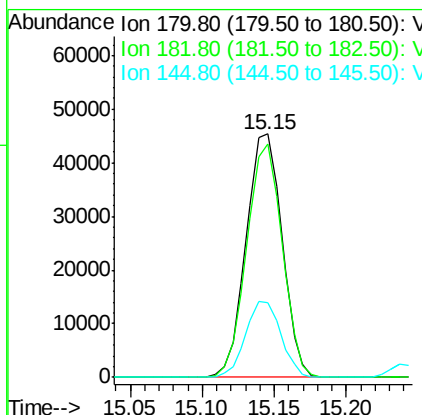
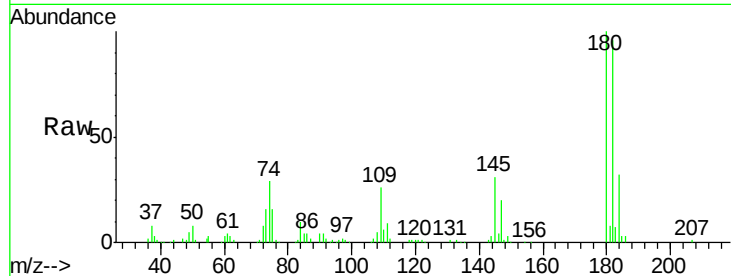
#93
 1,2,4-Trichlorobenzene
 Concen: 18.88 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.9	140.8
145	30.6	15.0	45.0

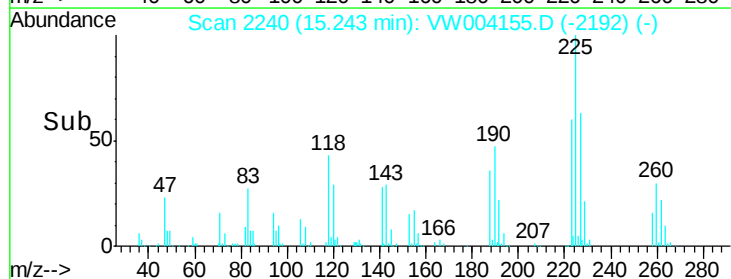
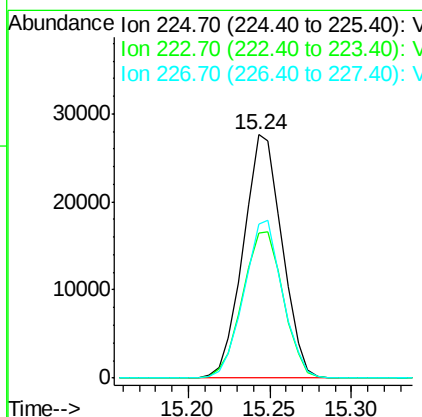
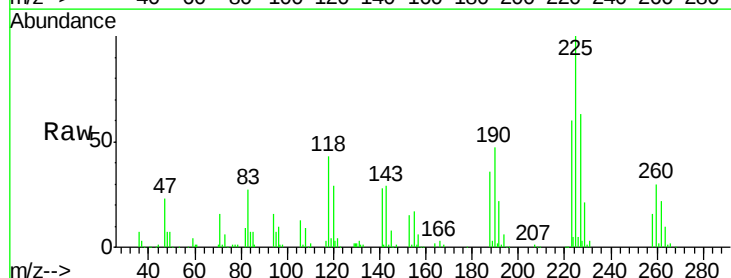
Manual Integrations
 APPROVED

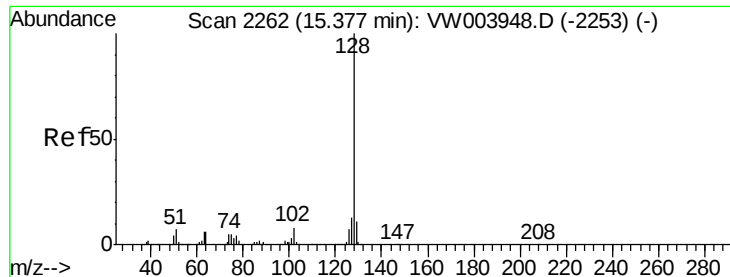
apatel
 7/24/2018 11:50:07 AM



#94
 Hexachlorobutadiene
 Concen: 19.19 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.0	96.2
227	64.5	32.3	96.9





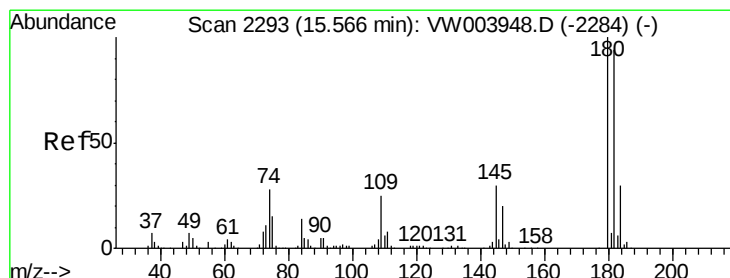
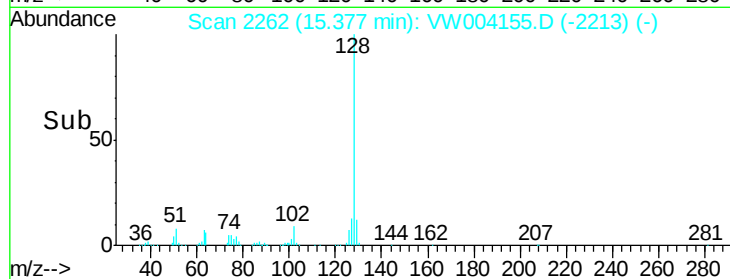
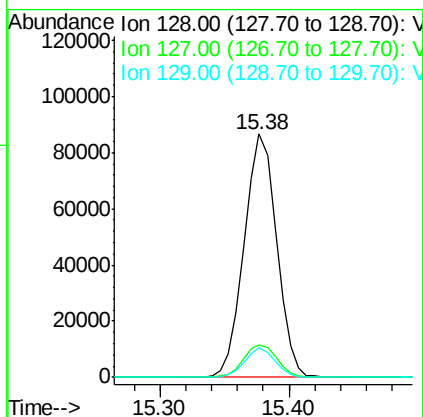
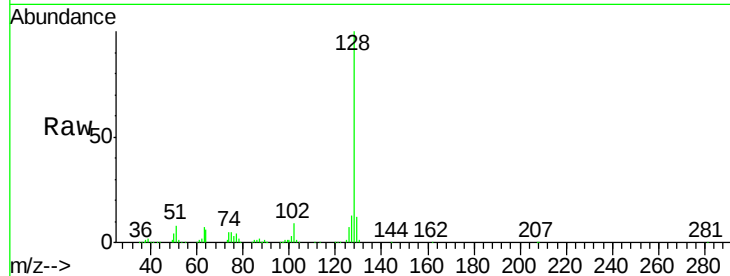
#95
Naphthalene
Concen: 19.66 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	11.4	8.7	13.1

Manual Integrations
APPROVED

apatel
7/24/2018 11:50:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.07 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.5	142.6
145	32.5	15.8	47.4

