

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003505.D
 Acq On : 24 Jun 2018 12:54
 Operator : SY/AP
 Sample : VW0624SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Manual Integrations
 APPROVED

apatel
 6/26/2018 12:28:27 PM

Quant Time: Jun 24 23:40:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	197000	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144975	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	7.89	113	128326	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.33	98	517443	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.62	95	186034	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24243	30.44	ug/l	93
3) Chloromethane	2.21	50	41431	20.59	ug/l	99
4) Vinyl Chloride	2.36	62	60295	20.55	ug/l	96
5) Bromomethane	2.78	94	36467	18.70	ug/l	98
6) Chloroethane	2.92	64	39413	19.30	ug/l	98
7) Trichlorofluoromethane	3.25	101	39533	22.49	ug/l	98
8) Diethyl Ether	3.68	74	28178	21.82	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53163	21.78	ug/l	100
10) Methyl Iodide	4.26	142	78439	21.25	ug/l	99
11) Tert butyl alcohol	5.25	59	16869	110.22	ug/l	98
12) 1,1-Dichloroethene	4.03	96	50742	21.28	ug/l	96
13) Acrolein	3.90	56	16718	76.40	ug/l	96
14) Allyl chloride	4.67	41	87994	21.30	ug/l	100
15) Acrylonitrile	5.39	53	56225	105.85	ug/l	98
16) Acetone	4.15	43	65116	108.80	ug/l	100
17) Carbon Disulfide	4.37	76	147365	20.90	ug/l	99
18) Methyl Acetate	4.68	43	27358	19.27	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	94041	21.05	ug/l	99
20) Methylene Chloride	4.90	84	56755	20.13	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	55231	21.28	ug/l	93
22) Diisopropyl ether	6.31	45	180544	21.71	ug/l	96
23) Vinyl Acetate	6.26	43	507196	105.86	ug/l	99
24) 1,1-Dichloroethane	6.22	63	105303	21.33	ug/l	97
25) 2-Butanone	7.19	43	81127	109.01	ug/l	97
26) 2,2-Dichloropropane	7.17	77	70526	21.41	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59985	21.04	ug/l	96
28) Bromochloromethane	7.52	49	37967	18.48	ug/l	98
29) Tetrahydrofuran	7.54	42	47020	103.38	ug/l	99
30) Chloroform	7.68	83	105566	20.99	ug/l	100
31) Cyclohexane	7.95	56	98807	21.43	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	88441	21.31	ug/l	100
36) 1,1-Dichloropropene	8.09	75	86345	22.18	ug/l	99
37) Ethyl Acetate	7.27	43	35101	21.76	ug/l	99
38) Carbon Tetrachloride	8.07	117	83018	21.74	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	98830	21.94	ug/l	97
40) Benzene	8.33	78	235485	21.94	ug/l	99
41) Methacrylonitrile	7.49	41	20250	20.46	ug/l	98
42) 1,2-Dichloroethane	8.40	62	72415	21.54	ug/l	99
43) Isopropyl Acetate	8.43	43	66639	20.81	ug/l	100
44) Trichloroethene	9.09	130	60718	21.35	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60251	22.05	ug/l	94
46) Dibromomethane	9.46	93	29589	21.15	ug/l	98
47) Bromodichloromethane	9.65	83	75650	21.10	ug/l	96
48) Methyl methacrylate	9.45	41	32530	21.61	ug/l	97
49) 1,4-Dioxane	9.50	88	8316	393.70	ug/l	84
51) 4-Methyl-2-Pentanone	10.22	43	174167	106.72	ug/l	99
52) Toluene	10.39	92	147555	21.44	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	77163	21.07	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	89845	21.55	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41559	21.08	ug/l	98
56) Ethyl methacrylate	10.65	69	50430	21.07	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73735	21.69	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112508	104.84	ug/l	98
59) 2-Hexanone	10.98	43	125869	110.41	ug/l	99
60) Dibromochloromethane	11.13	129	48123	20.53	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39157	21.00	ug/l	100
64) Tetrachloroethene	10.87	164	52610	21.32	ug/l	97
65) Chlorobenzene	11.66	112	164099	21.36	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	56247	20.83	ug/l	99
67) Ethyl Benzene	11.74	91	291500	21.40	ug/l	100
68) m/p-Xylenes	11.85	106	223163	43.11	ug/l	100
69) o-Xylene	12.17	106	102838	21.43	ug/l	99
70) Styrene	12.19	104	169176	21.18	ug/l	99
71) Bromoform	12.35	173	27949	19.97	ug/l #	100
73) Isopropylbenzene	12.47	105	290941	21.23	ug/l	99
74) N-amyl acetate	12.28	43	64781	20.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48507	20.93	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34330m	20.38	ug/l	
77) Bromobenzene	12.76	156	67069	21.02	ug/l	99
78) n-propylbenzene	12.81	91	362382	21.60	ug/l	100
79) 2-Chlorotoluene	12.90	91	202864	21.40	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	245777	21.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14500	19.81	ug/l	98
82) 4-Chlorotoluene	12.99	91	216736	21.55	ug/l	100
83) tert-Butylbenzene	13.21	119	210010	21.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	255838	21.62	ug/l	100
85) sec-Butylbenzene	13.39	105	313978	21.55	ug/l	100
86) p-Isopropyltoluene	13.51	119	275340	21.43	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137935	21.04	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	138172	21.20	ug/l	98
89) n-Butylbenzene	13.83	91	270941	21.63	ug/l	100
90) Hexachloroethane	14.10	117	48326	20.79	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	122340	21.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7934	20.34	ug/l	98

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QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	85056	21.10	ug/l	99
94) Hexachlorobutadiene	15.25	225	50570	20.85	ug/l	99
95) Naphthalene	15.38	128	141694	20.72	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75008	21.14	ug/l	99

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

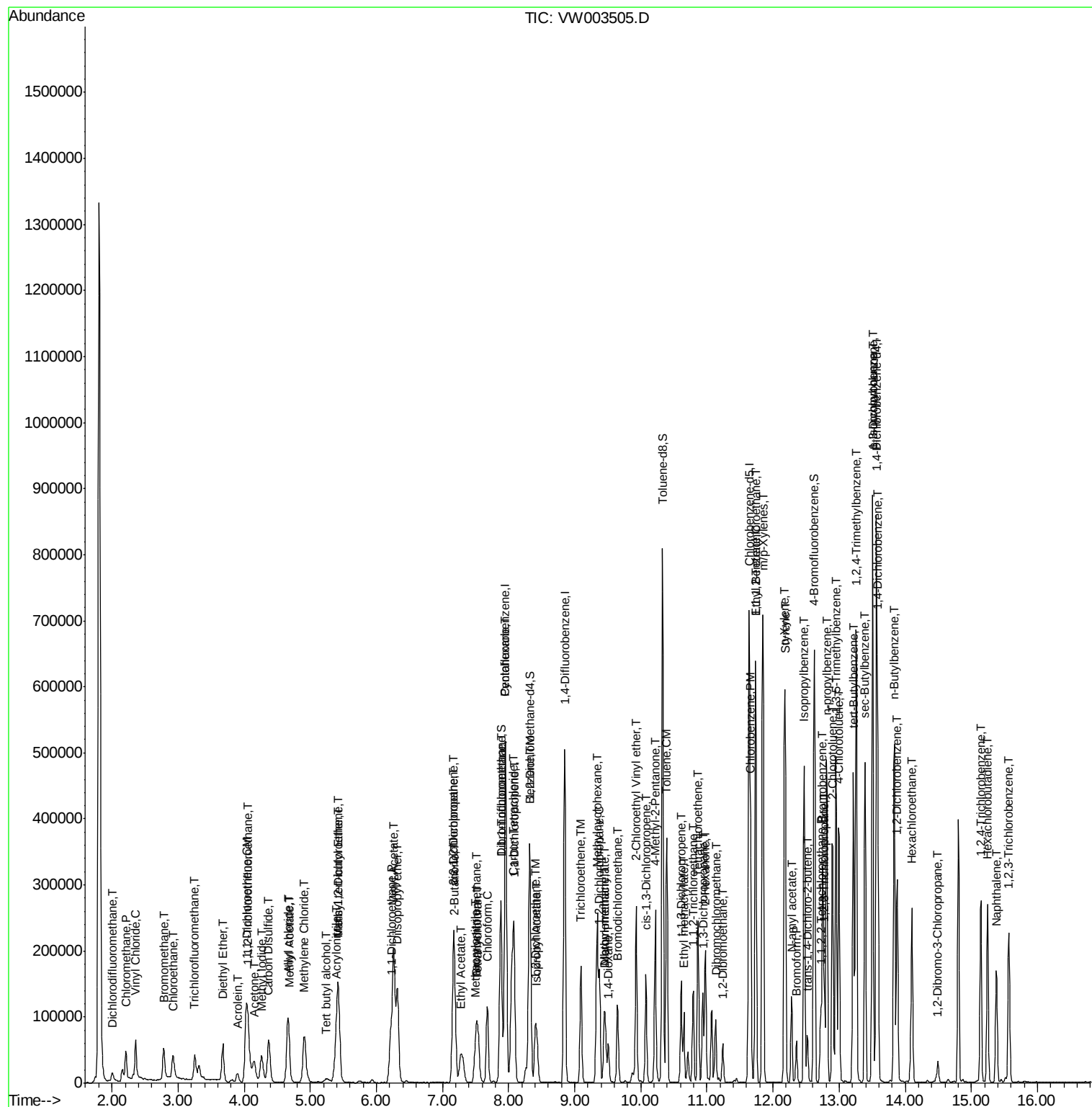
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062418\
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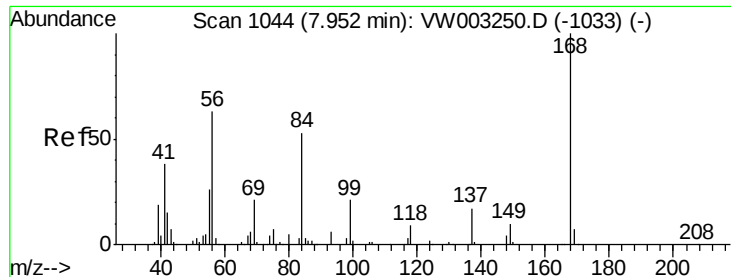
Instrument :
MSVOA_W
Client Sampled :
VW0624SBSD01

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion:168 Resp: 263460

Ion Ratio Lower Upper

168 100

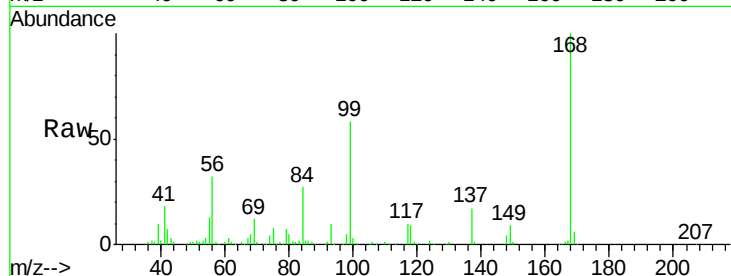
99 57.8 45.5 68.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

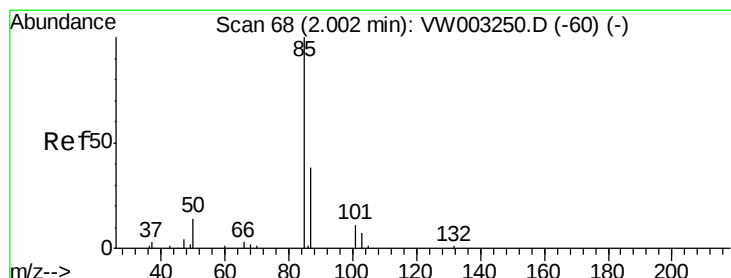
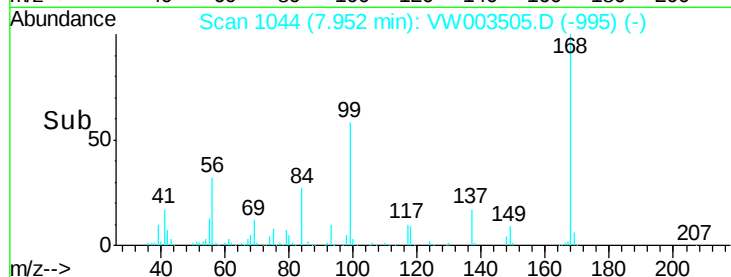
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 30.44 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003505.D

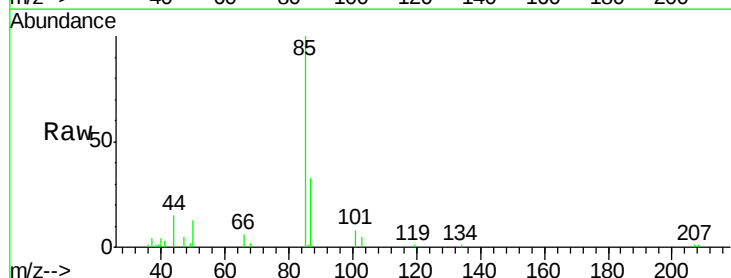
Acq: 24 Jun 2018 12:54

Tgt Ion: 85 Resp: 24243

Ion Ratio Lower Upper

85 100

87 33.5 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

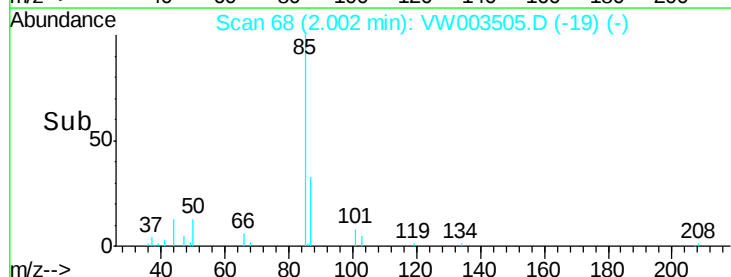
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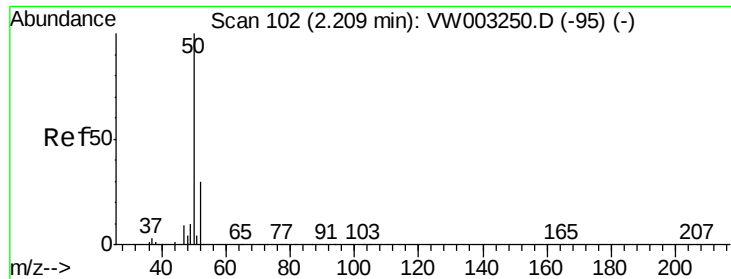
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.59 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 50 Resp: 41431

Ion Ratio Lower Upper

50 100

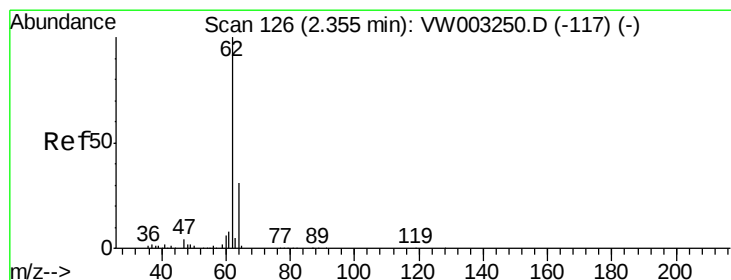
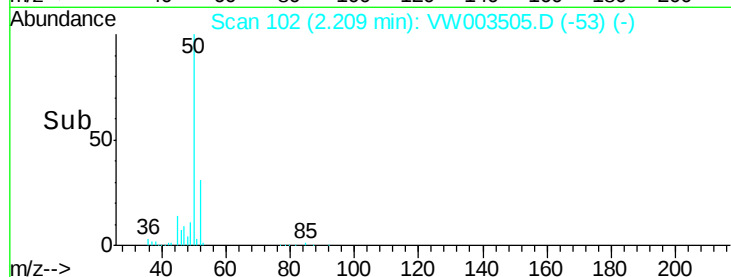
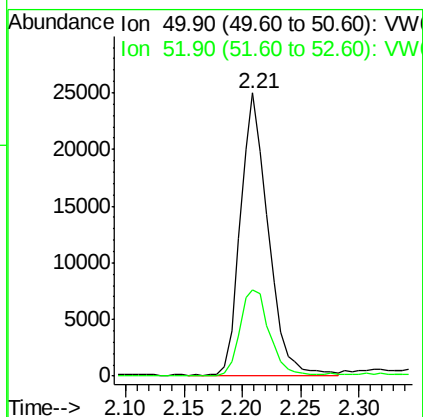
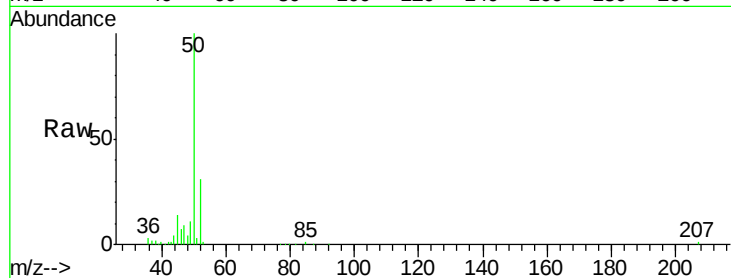
52 30.7 24.2 36.2

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#4

Vinyl Chloride

Concen: 20.55 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003505.D

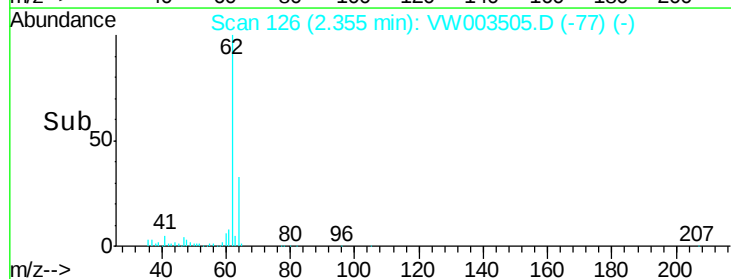
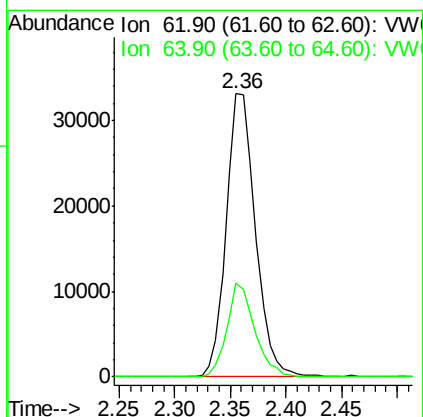
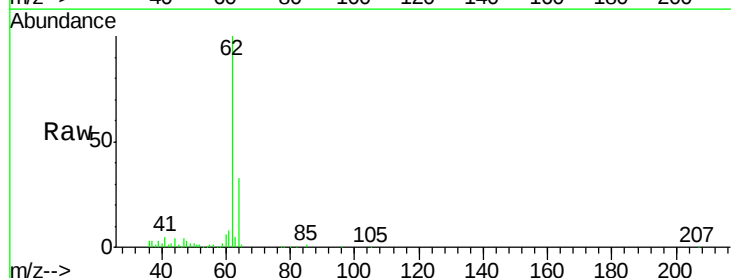
Acq: 24 Jun 2018 12:54

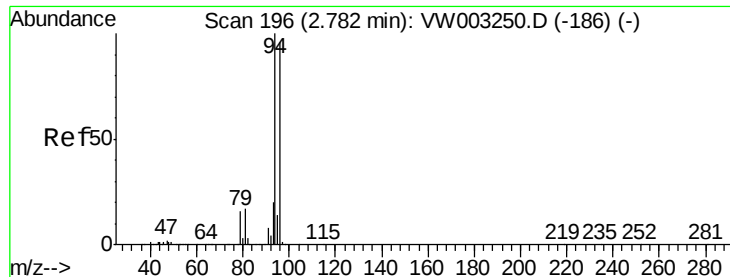
Tgt Ion: 62 Resp: 60295

Ion Ratio Lower Upper

62 100

64 33.1 24.9 37.3





#5

Bromomethane

Concen: 18.70 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 94 Resp: 36467

Ion Ratio Lower Upper

94 100

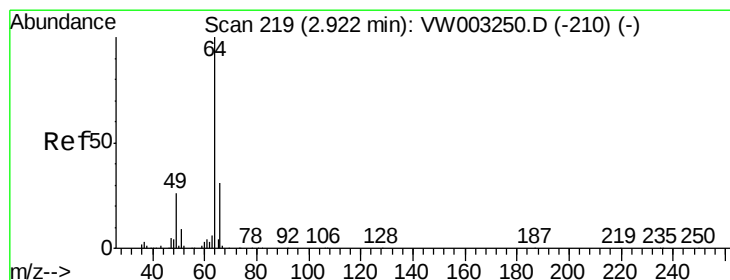
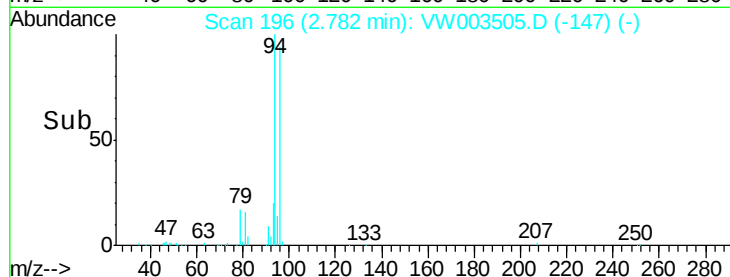
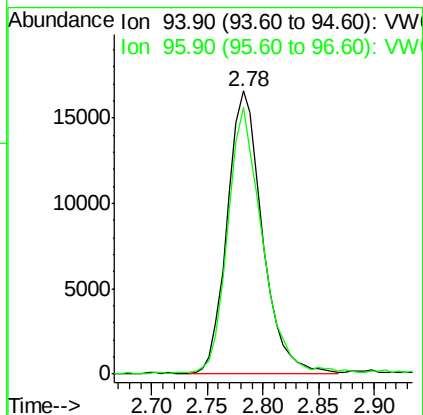
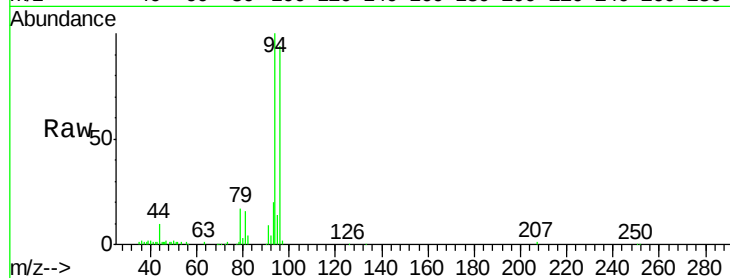
96 93.5 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 19.30 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003505.D

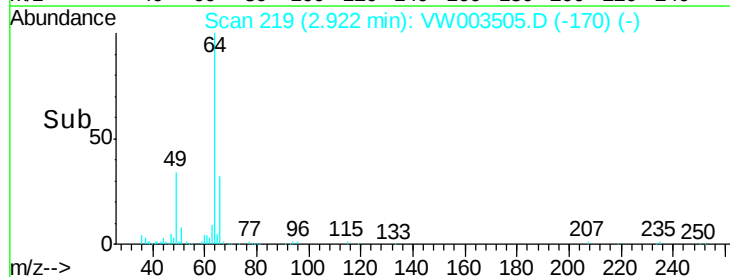
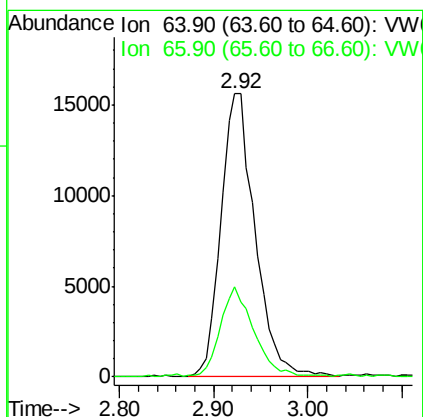
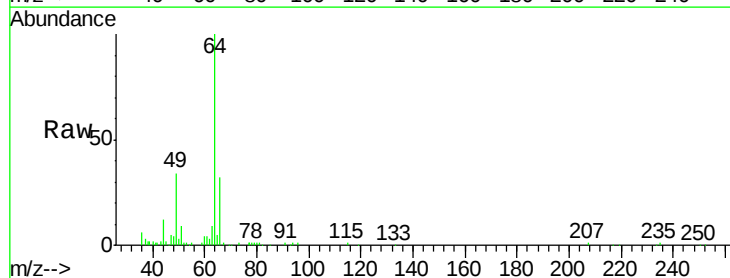
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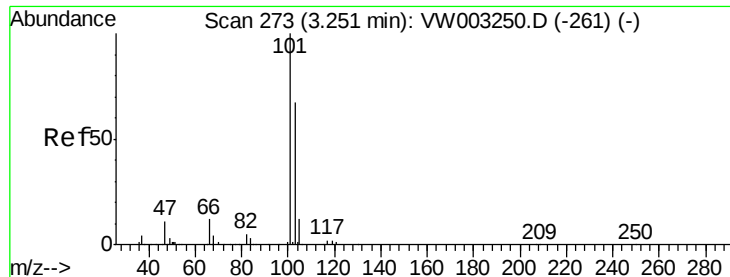
Tgt Ion: 64 Resp: 39413

Ion Ratio Lower Upper

64 100

66 31.4 24.4 36.6





#7

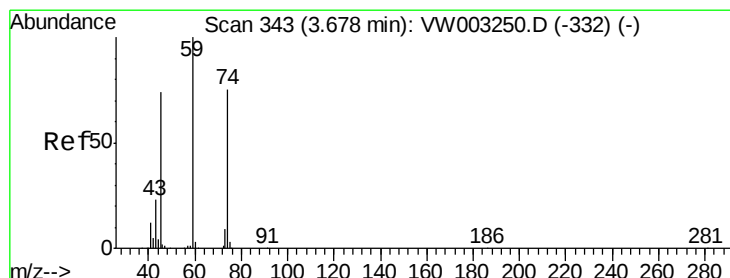
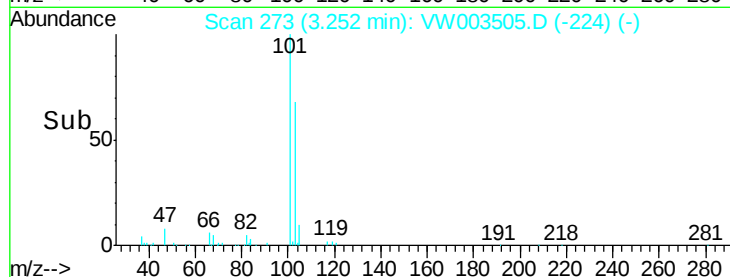
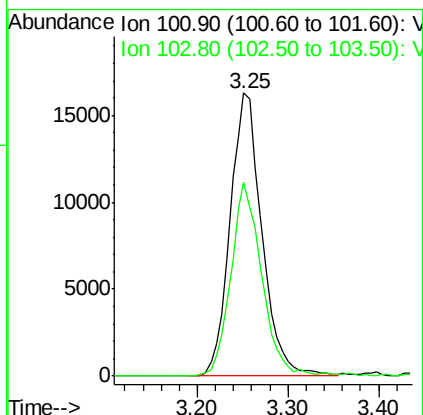
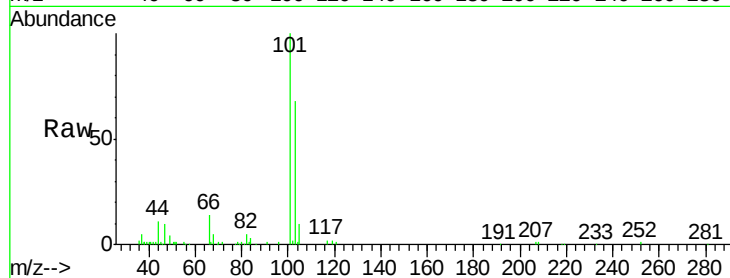
Trichlorofluoromethane
 Concen: 22.49 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.3	53.4	80.0

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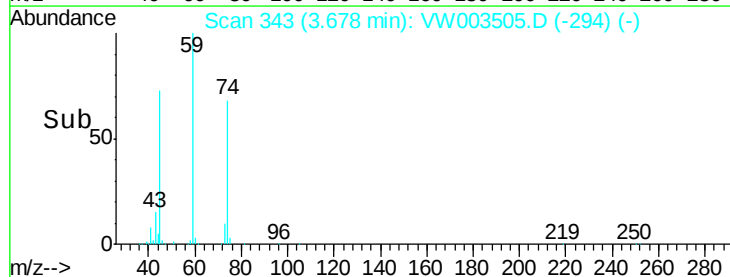
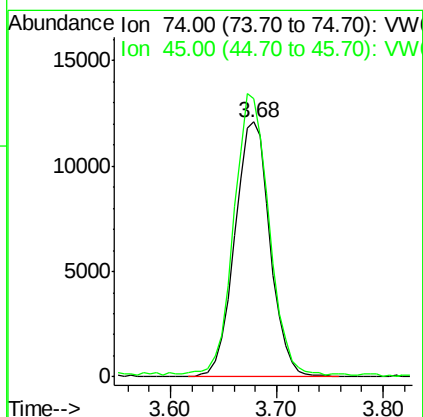
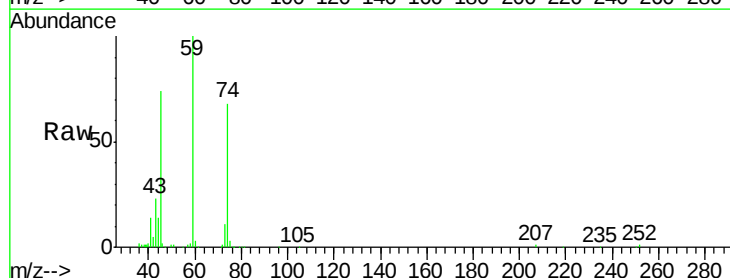
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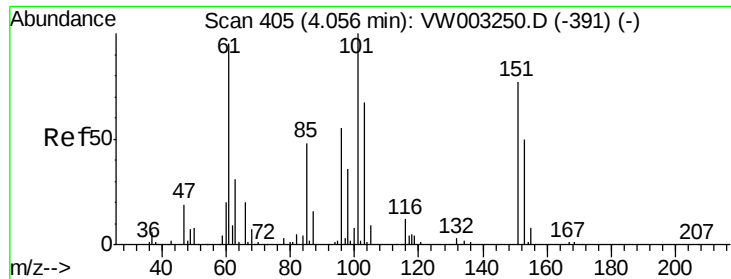


#8

Diethyl Ether
 Concen: 21.82 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.6	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.78 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

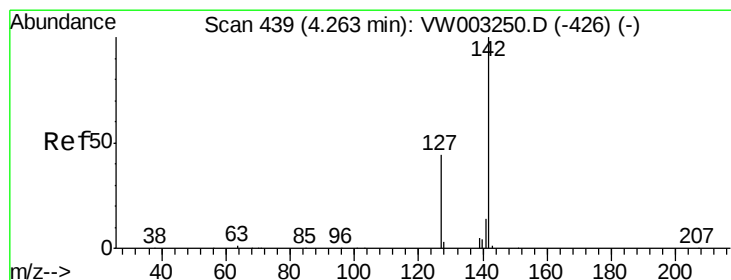
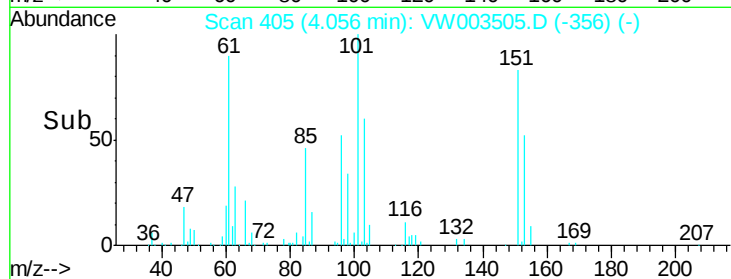
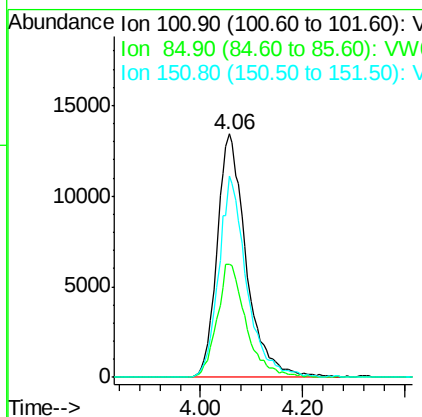
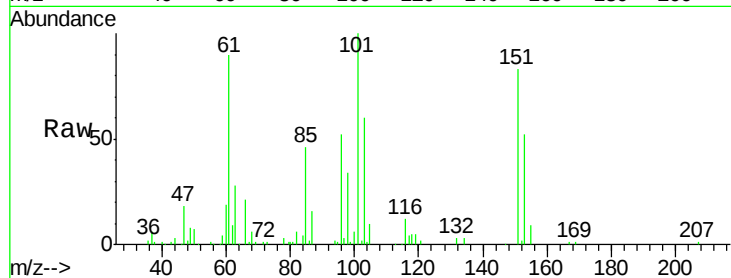
ClientSampleId :

VW0624SBS01

Tot Ion:	101	Resp:	53163
Ion Ratio	Lower	Upper	
101	100		
85	46.3	37.0	55.6
151	79.3	63.3	94.9

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#10

Methyl Iodide

Concen: 21.25 ug/l

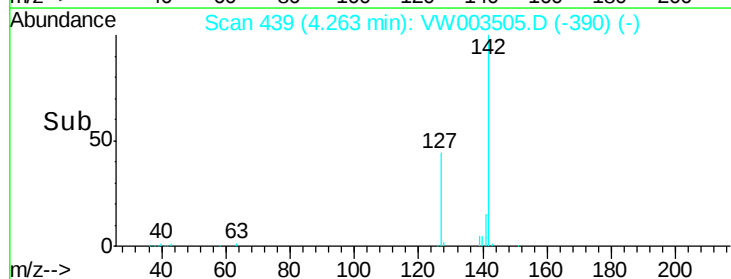
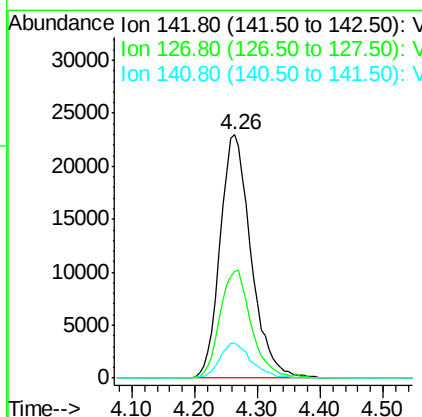
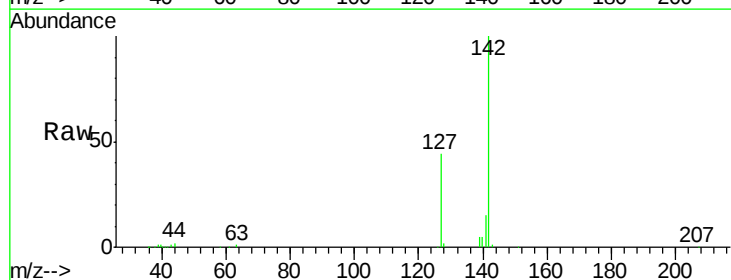
RT: 4.26 min Scan# 439

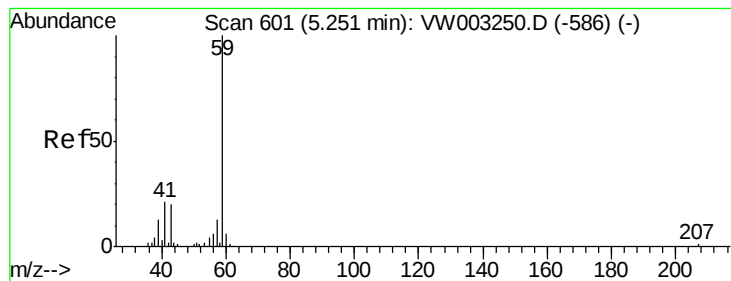
Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Tgt Ion:	142	Resp:	78439
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.5	54.7
141	14.7	12.1	18.1





#11

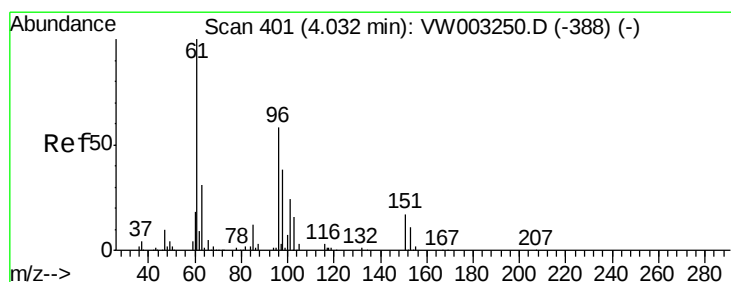
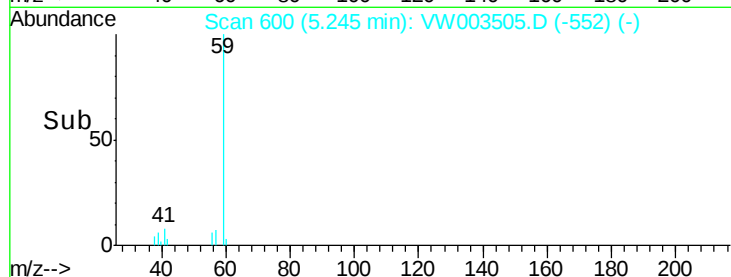
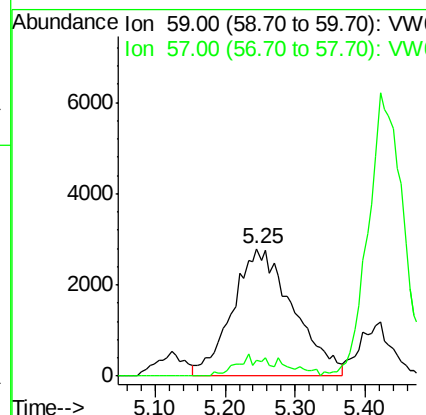
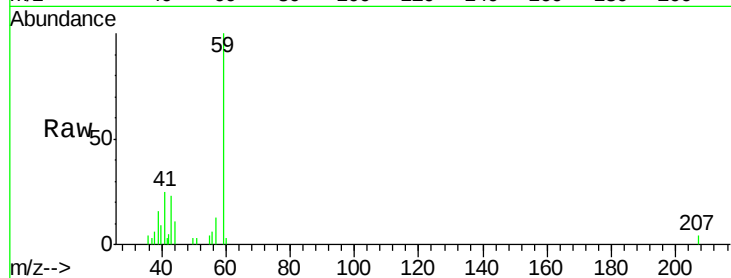
Tert butyl alcohol
Concen: 110.22 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	59	57	Ratio	100	4.5	Resp:	16869	Lower	4.2	Upper	6.2
Ion											

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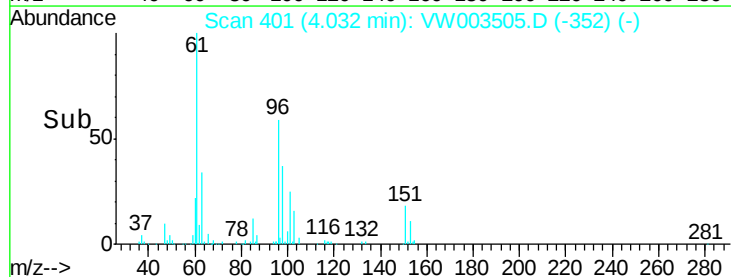
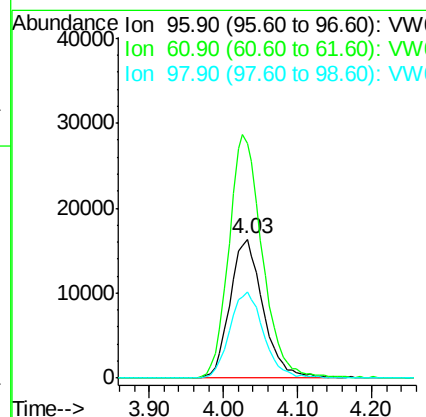
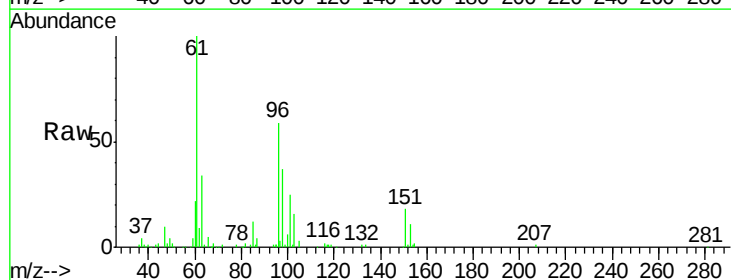
apatel
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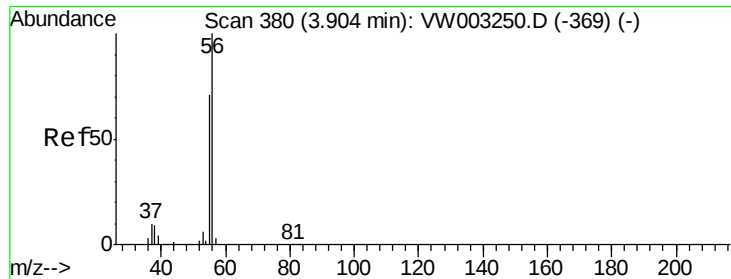


#12

1,1-Dichloroethene
Concen: 21.28 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	96	61	98	Ratio	100	168.9	62.2	Resp:	50742	Lower	139.0	53.3	Upper	208.4	79.9
Ion															





#13

Acrolein

Concen: 76.40 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 56 Resp: 16718

Ion Ratio Lower Upper

56 100

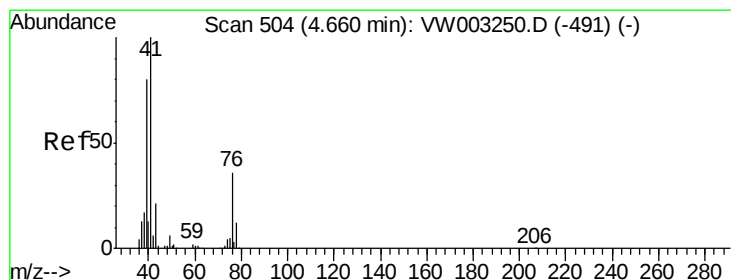
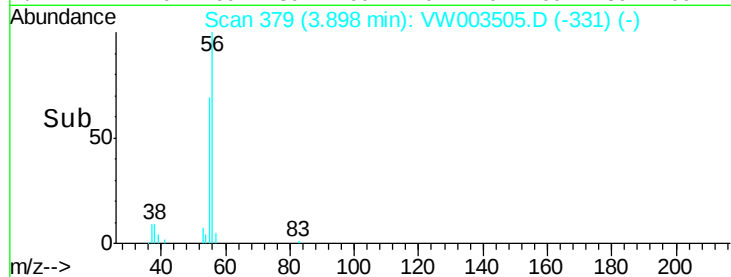
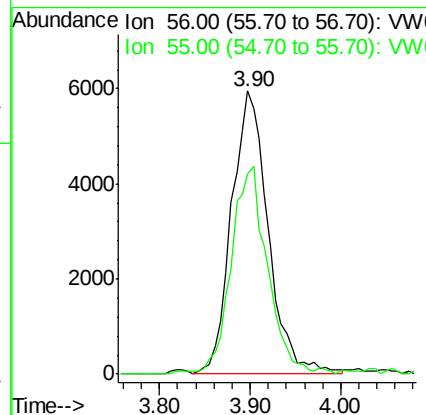
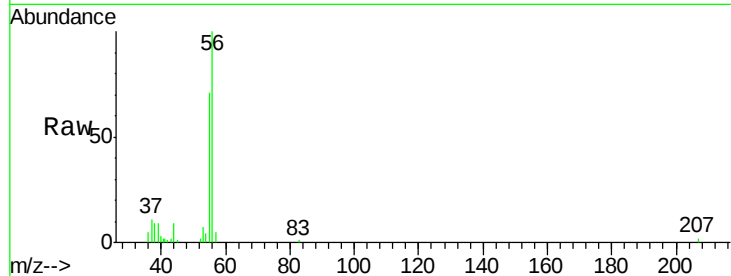
55 72.4 55.4 83.2

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#14

Allyl chloride

Concen: 21.30 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

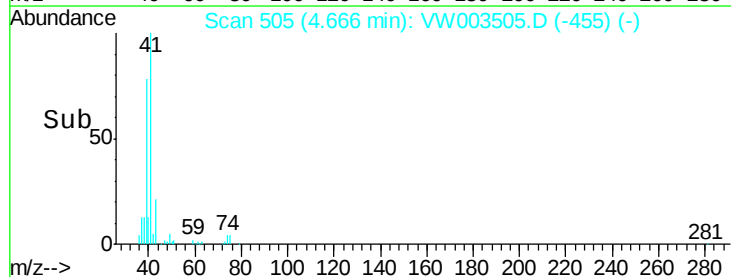
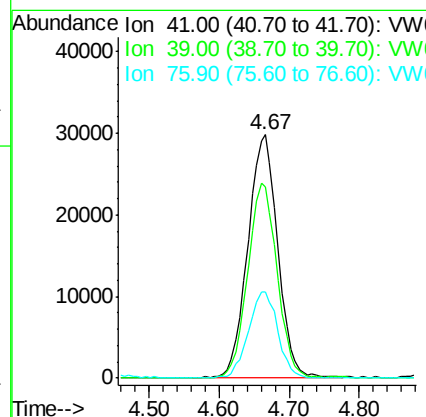
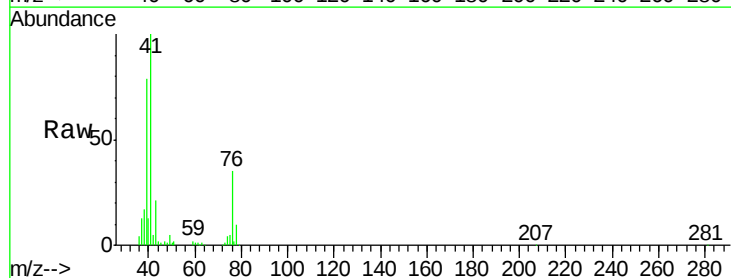
Tgt Ion: 41 Resp: 87994

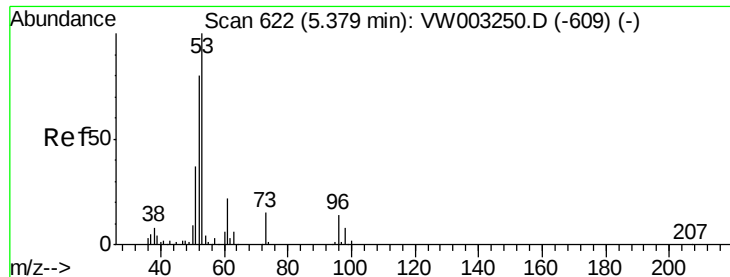
Ion Ratio Lower Upper

41 100

39 79.1 63.2 94.8

76 34.9 28.0 42.0





#15

Acrylonitrile

Concen: 105.85 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

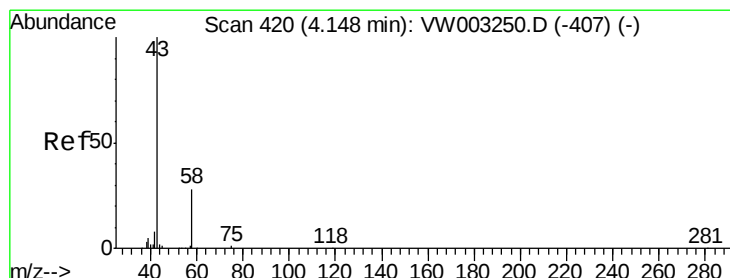
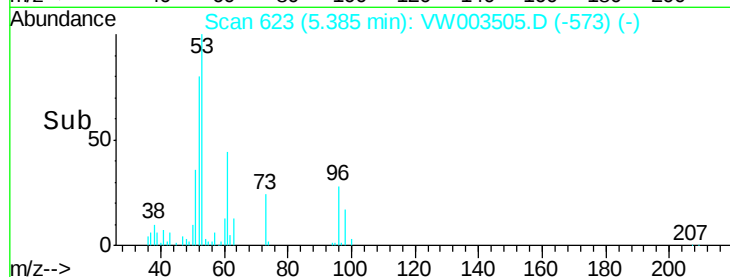
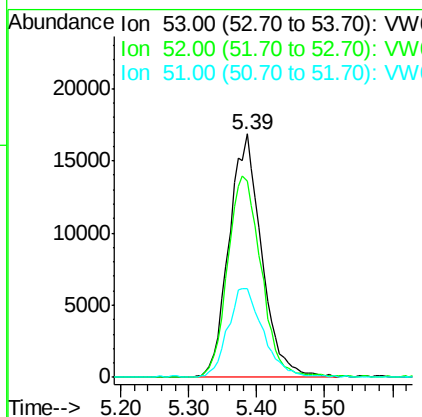
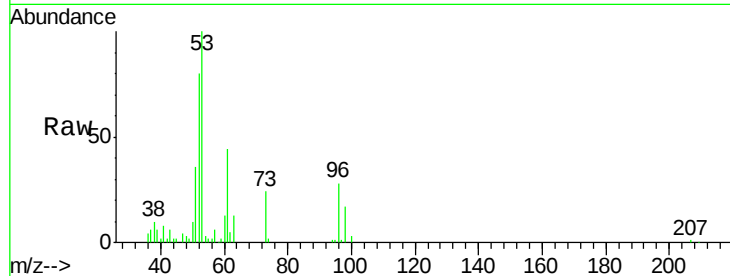
ClientSampleId :

VW0624SBS01

Tot Ion:	53	Resp:	56225
Ion	Ratio	Lower	Upper
53	100		
52	85.0	66.6	100.0
51	39.2	30.6	46.0

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#16

Acetone

Concen: 108.80 ug/l

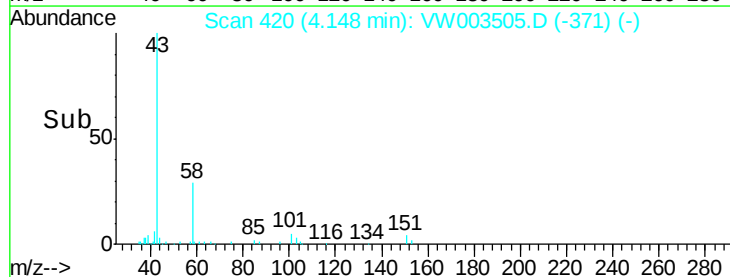
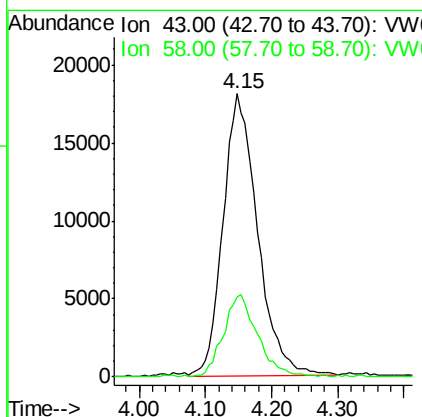
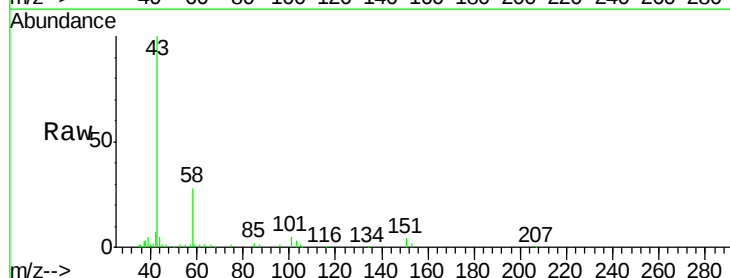
RT: 4.15 min Scan# 420

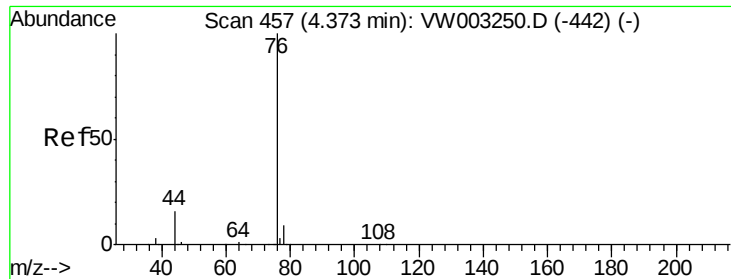
Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Tgt Ion:	43	Resp:	65116
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.6	34.0





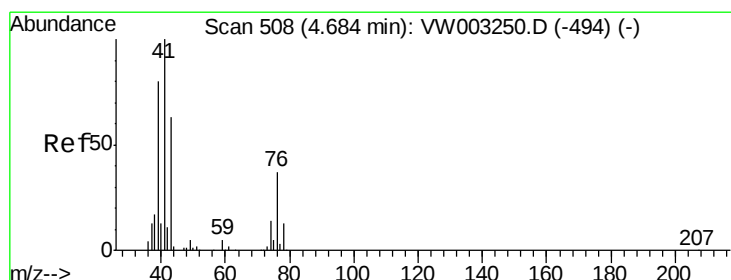
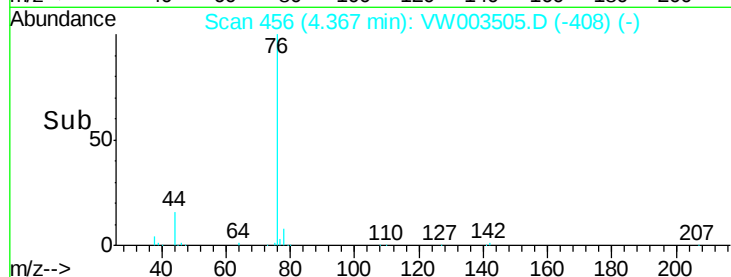
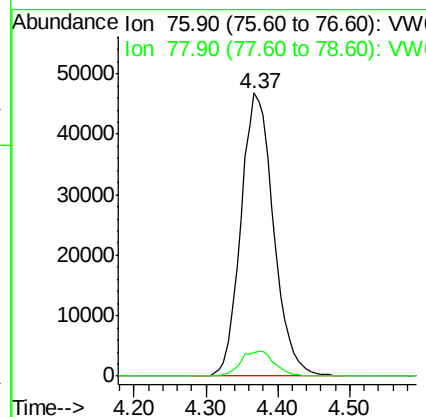
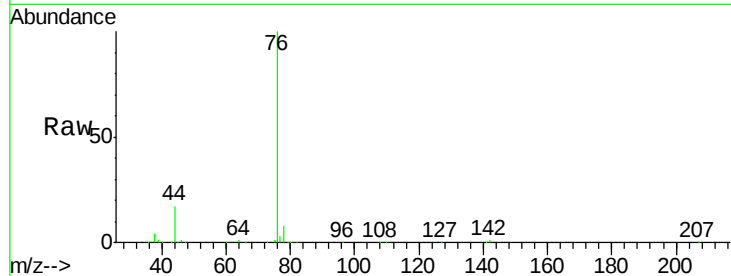
#17
Carbon Disulfide
Concen: 20.90 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7

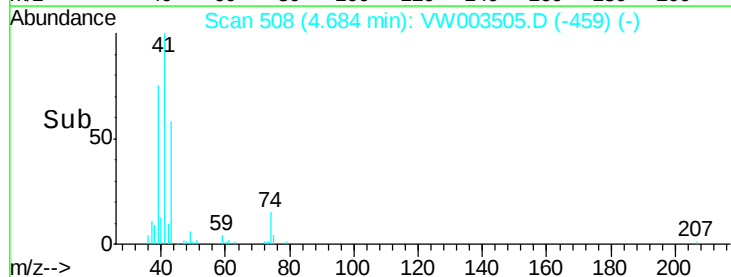
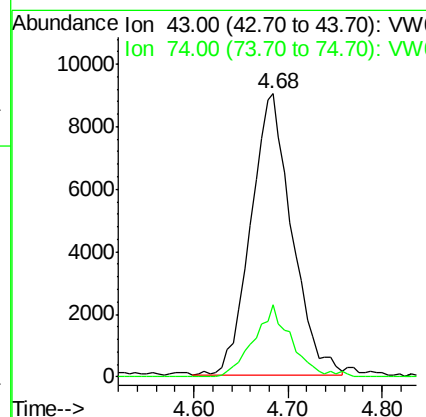
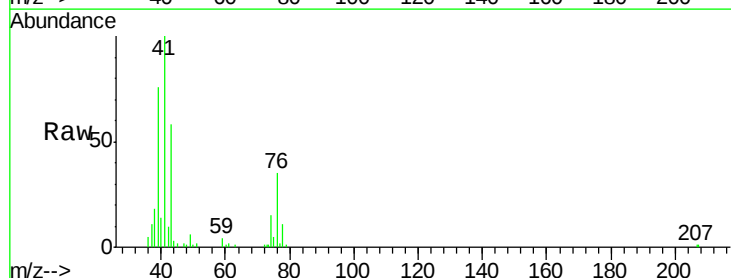
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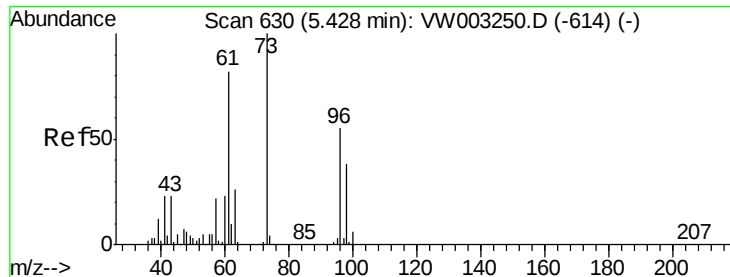
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#18
Methyl Acetate
Concen: 19.27 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.7	28.1





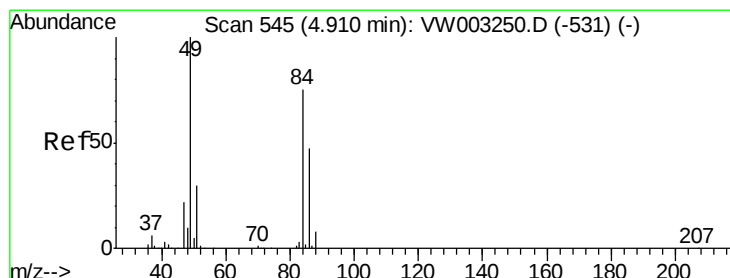
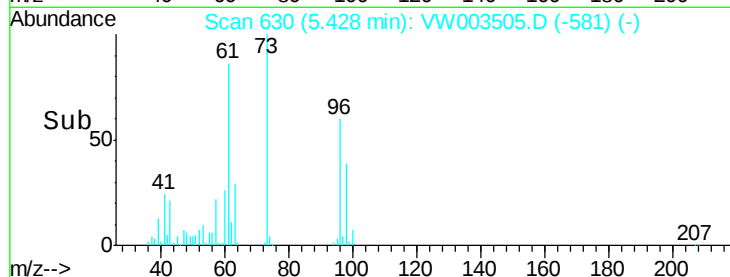
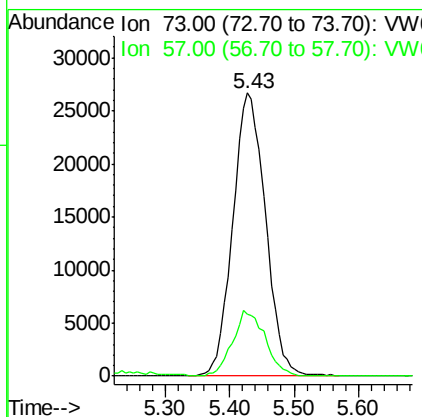
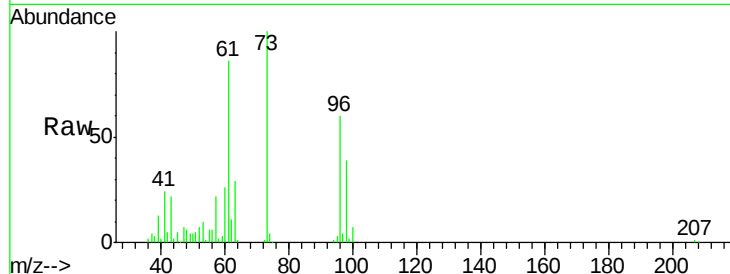
#19
Methvl tert-butvl Ether
Concen: 21.05 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion: 73 Resp: 94041
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0

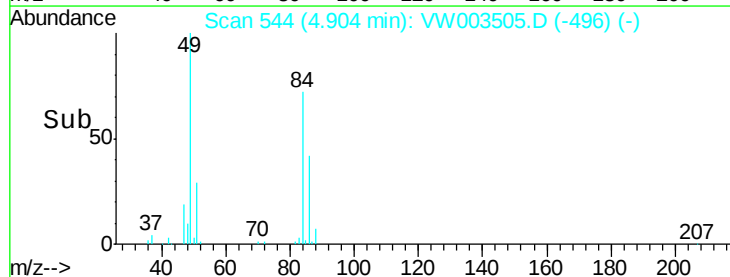
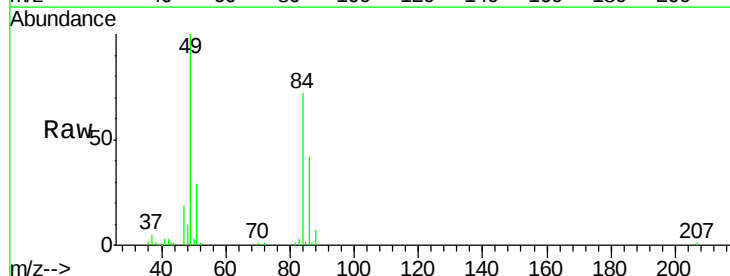
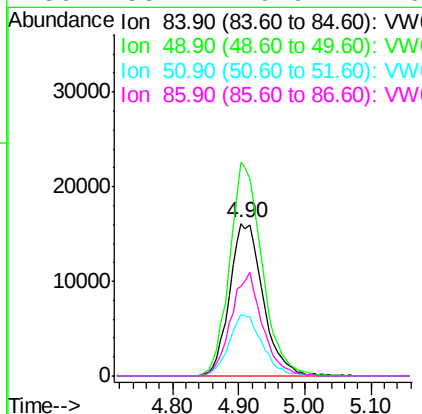
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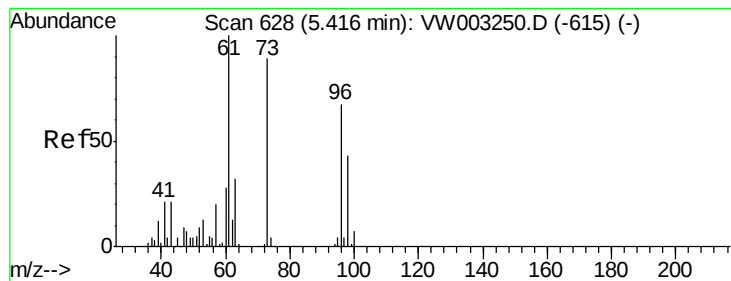
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#20
Methylene Chloride
Concen: 20.13 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 84 Resp: 56755
Ion Ratio Lower Upper
84 100
49 139.8 106.3 159.5
51 40.0 32.0 48.0
86 58.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.28 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

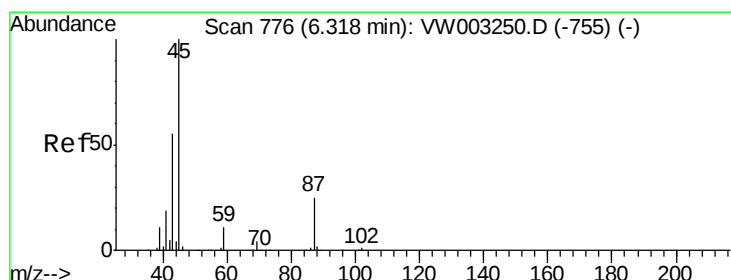
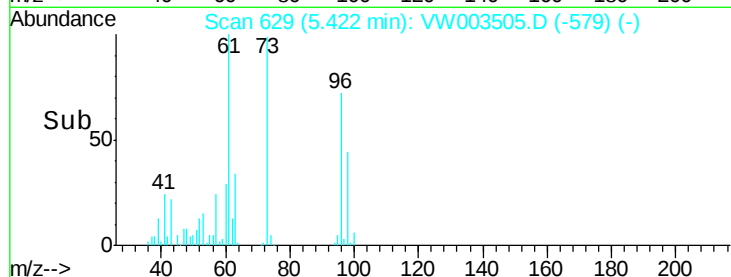
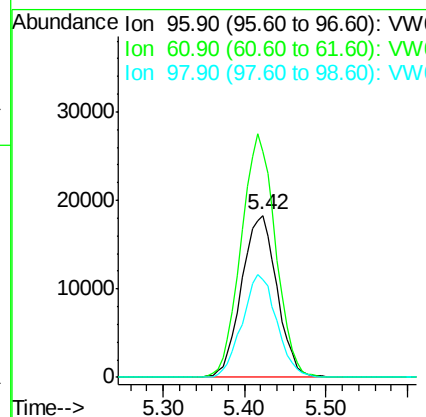
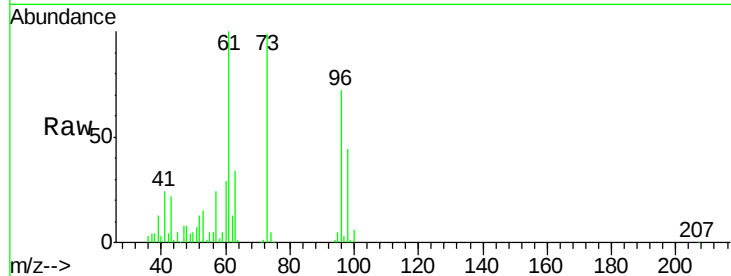
ClientSampleId :

VW0624SBSD01

Tot Ion:	96	Resp:	55231
Ion	Ratio	Lower	Upper
96	100		
61	138.8	118.7	178.1
98	60.5	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.71 ug/l

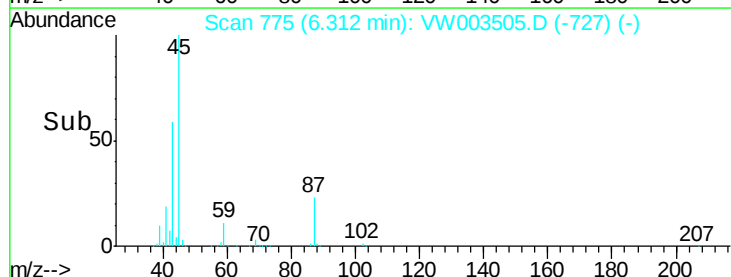
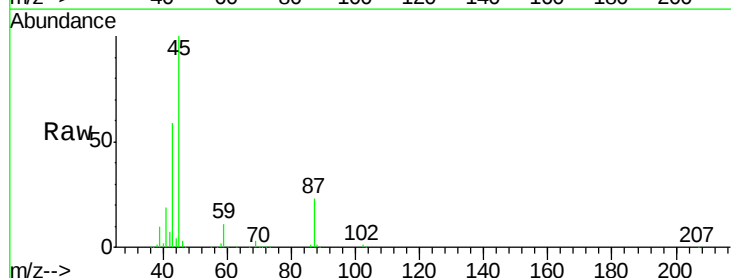
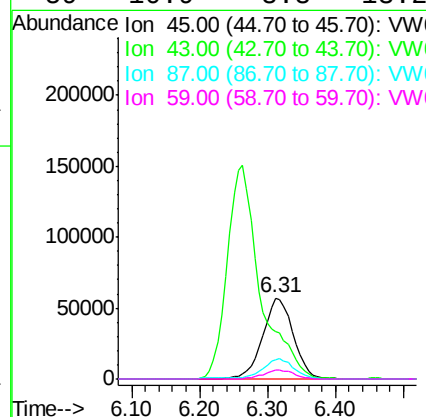
RT: 6.31 min Scan# 775

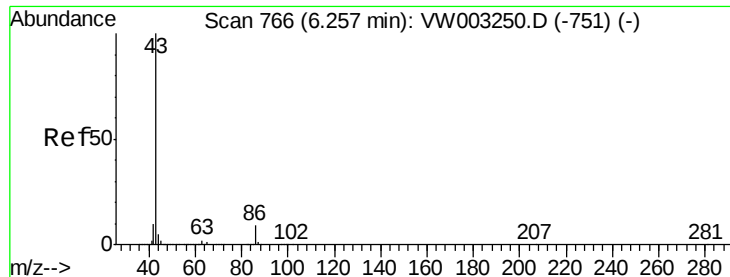
Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Tgt Ion:	45	Resp:	180544
Ion	Ratio	Lower	Upper
45	100		
43	58.4	44.0	66.0
87	23.0	20.6	31.0
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 105.86 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleID :

VW0624SBSD01

Tot Ion: 43 Resp: 507196

Ion Ratio Lower Upper

43 100

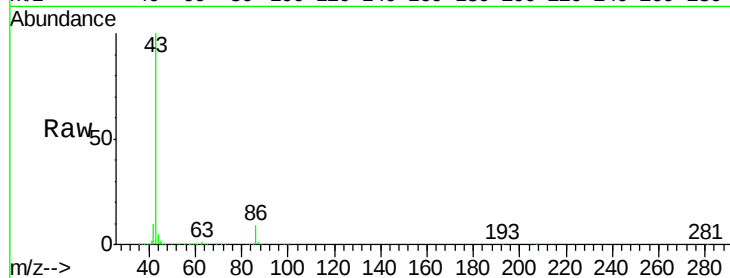
86 9.2 7.5 11.3

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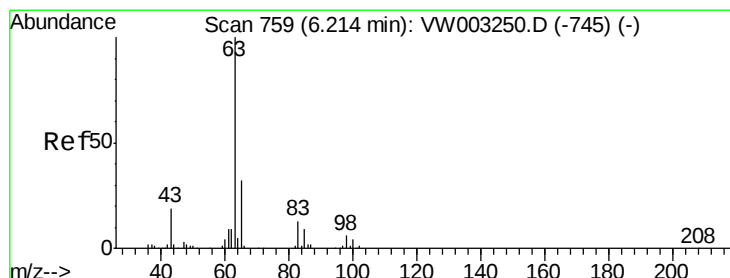
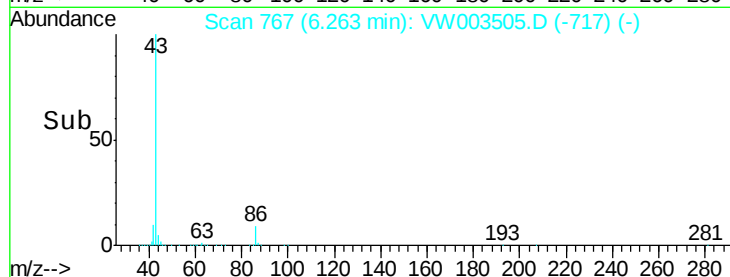
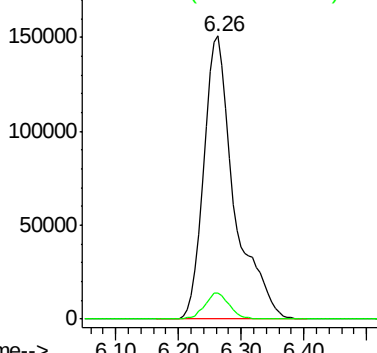
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.33 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

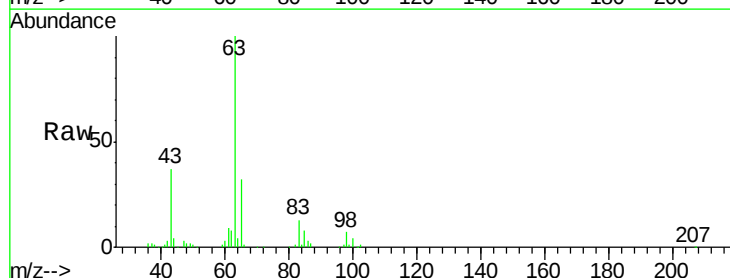
Tgt Ion: 63 Resp: 105303

Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

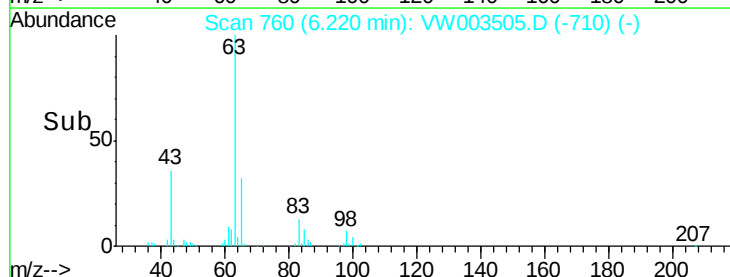
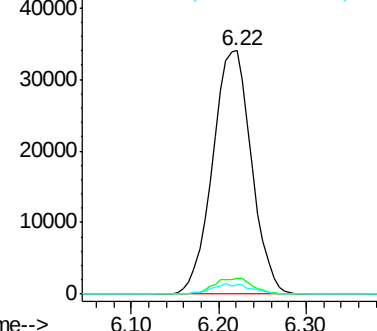
100 3.9 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 109.01 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS01

Tot Ion: 43 Resp: 81127

Ion Ratio Lower Upper

43 100

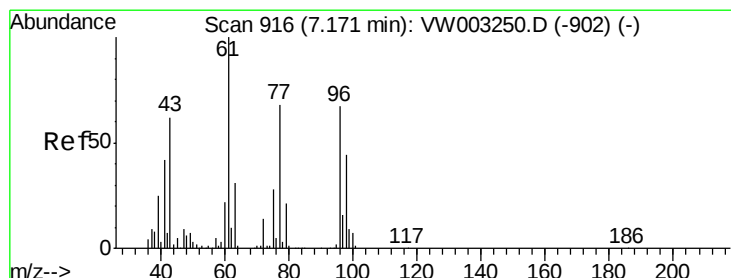
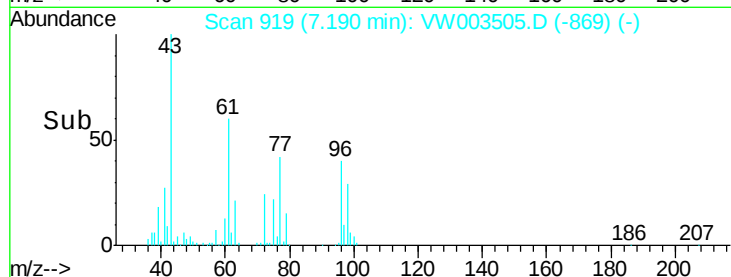
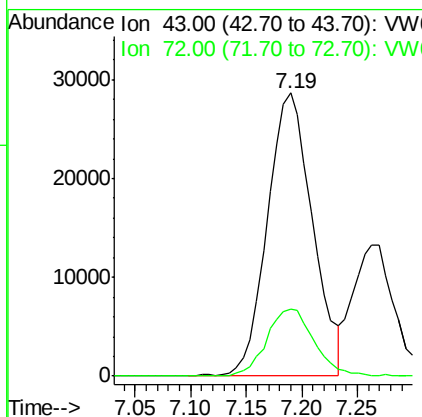
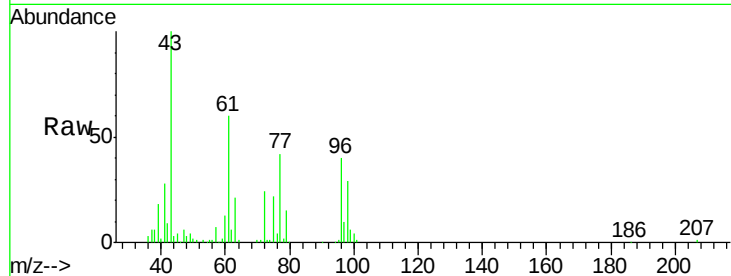
72 23.9 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 21.41 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003505.D

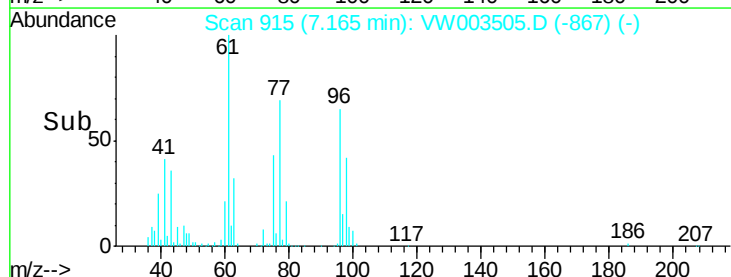
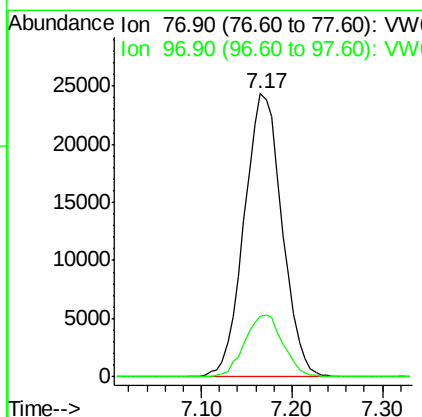
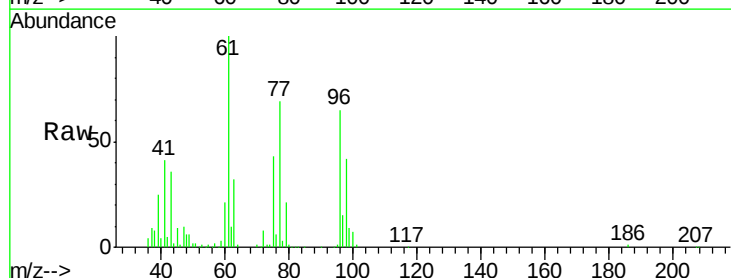
Acq: 24 Jun 2018 12:54

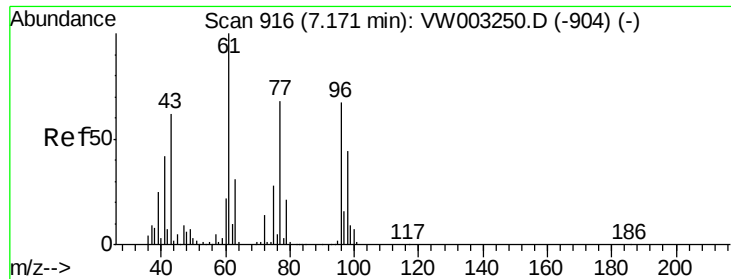
Tgt Ion: 77 Resp: 70526

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9





#27

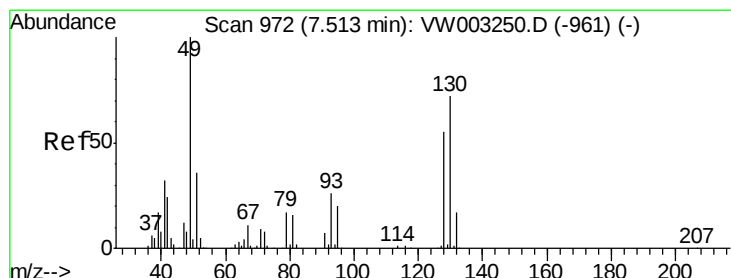
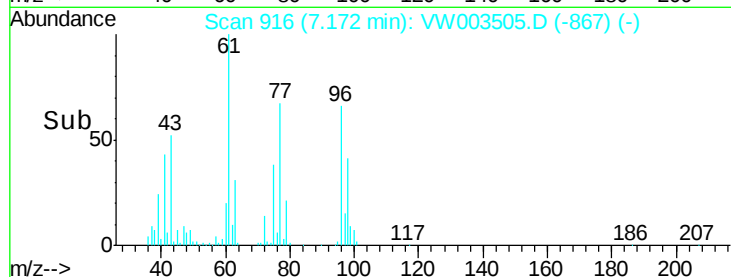
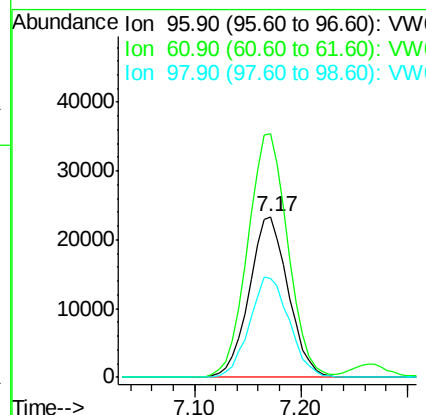
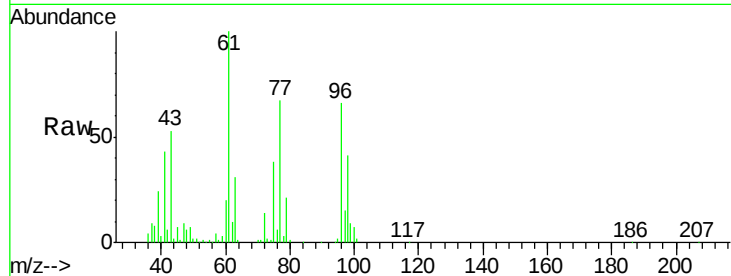
cis-1,2-Dichloroethene
Concen: 21.04 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.5	0.0	298.8
98	63.9	0.0	130.4

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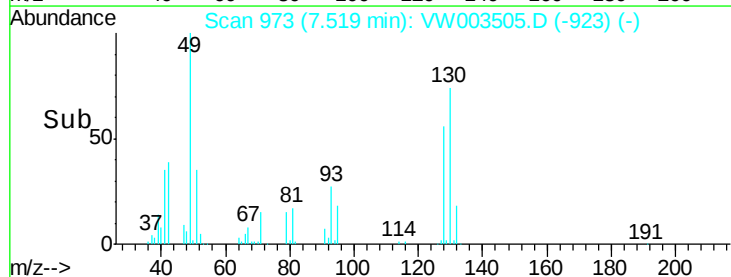
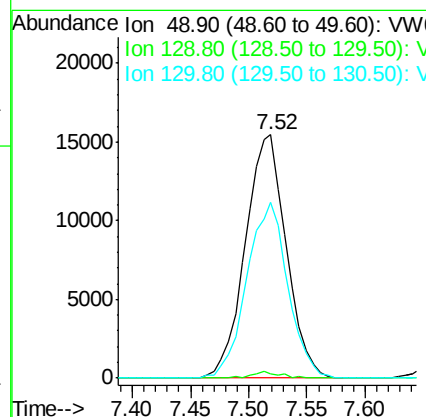
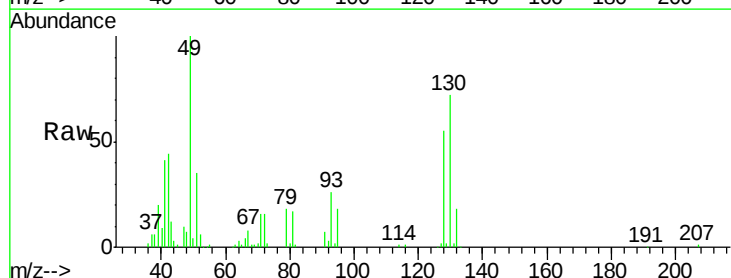
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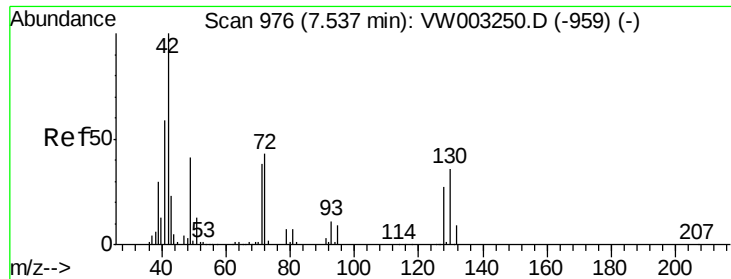


#28

Bromochloromethane
Concen: 18.48 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	72.4	59.4	89.2





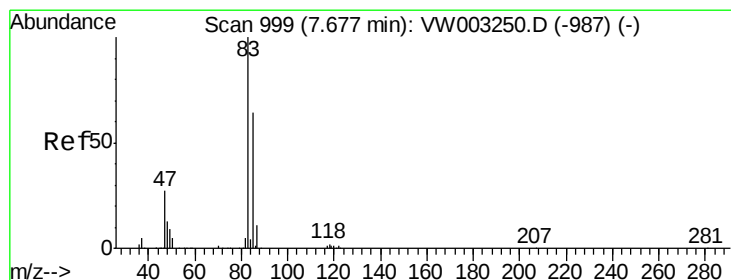
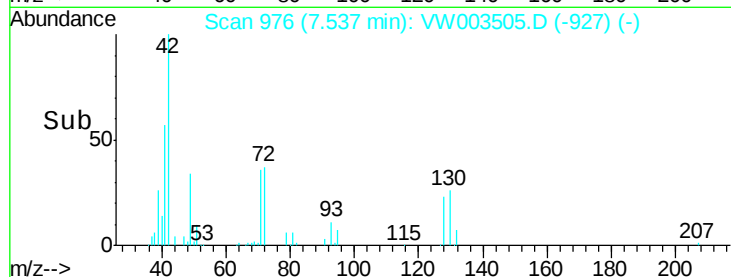
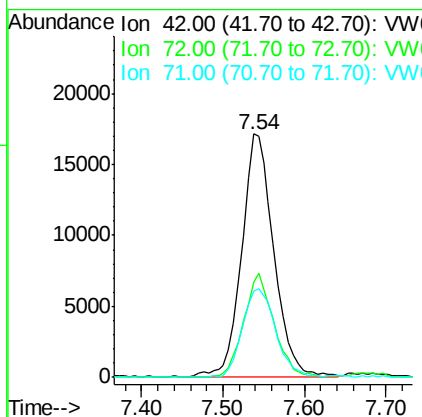
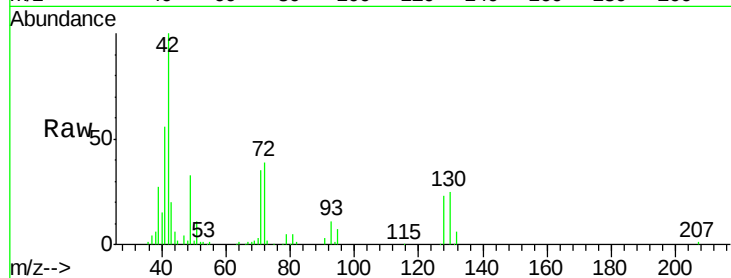
#29
Tetrahydrofuran
Concen: 103.38 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.4	48.6
71	37.6	31.2	46.8

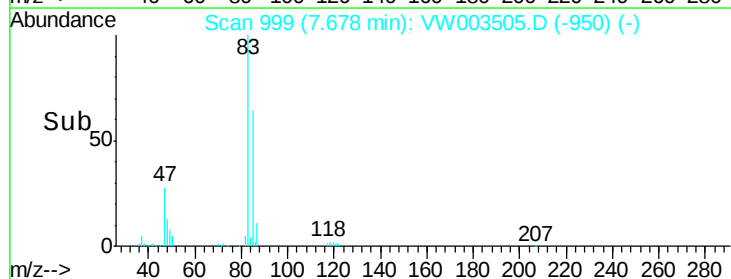
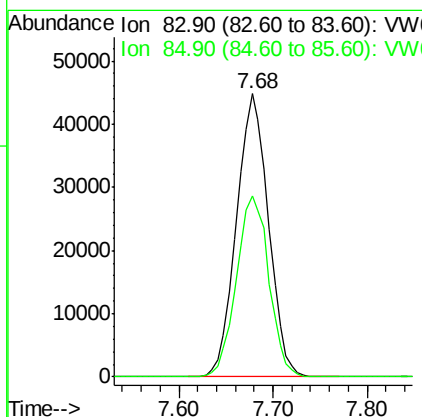
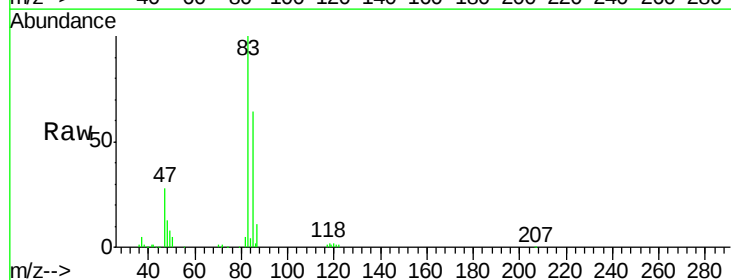
Manual Integrations
APPROVED

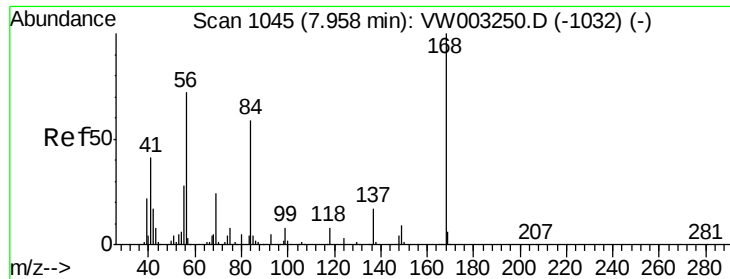
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#30
Chloroform
Concen: 20.99 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.3	76.9





#31

Cyclohexane

Concen: 21.43 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

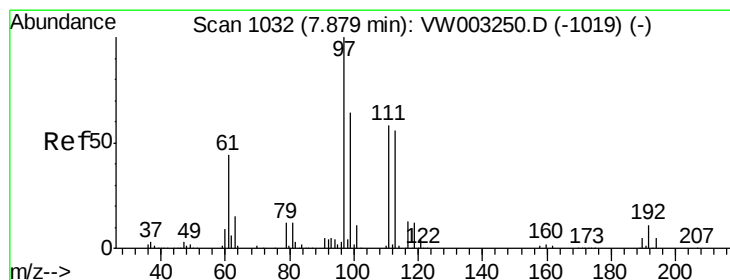
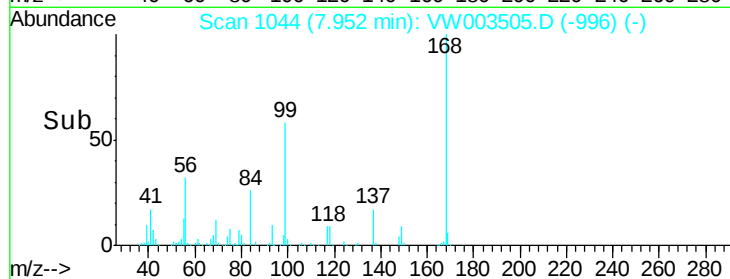
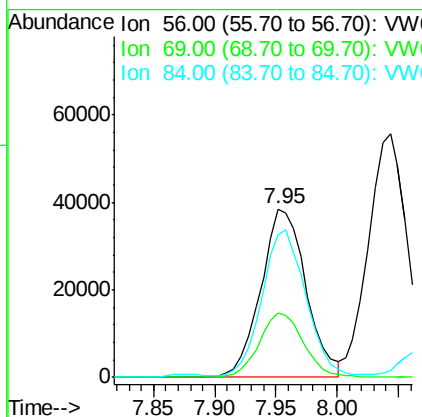
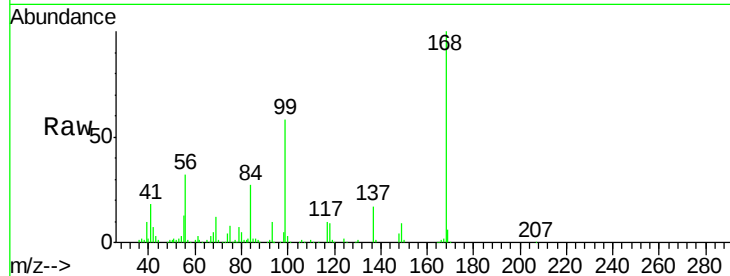
ClientSampleId :

VW0624SBSD01

Tot Ion:	56	Resp:	98807
Ion Ratio	Lower	Upper	
56	100		
69	38.3	26.3	39.5
84	82.6	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.31 ug/l

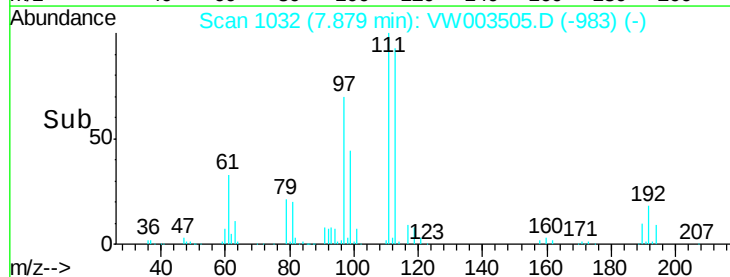
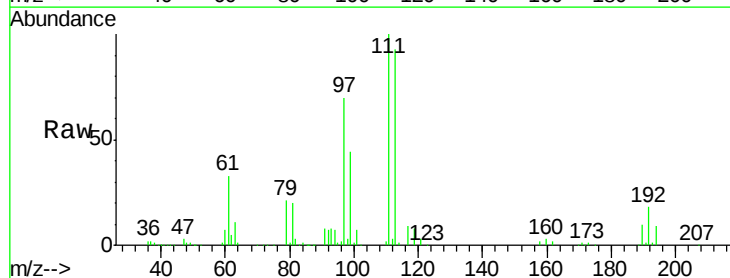
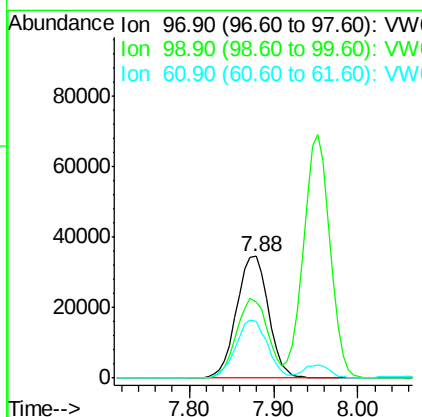
RT: 7.88 min Scan# 1032

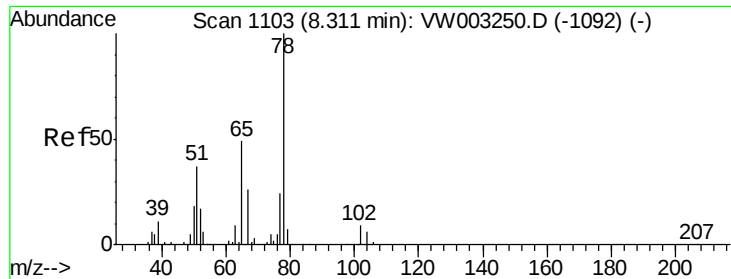
Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Tgt Ion:	97	Resp:	88441
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.7	77.5
61	47.1	37.6	56.4





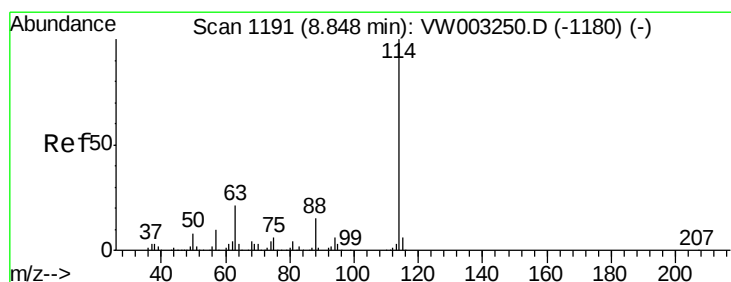
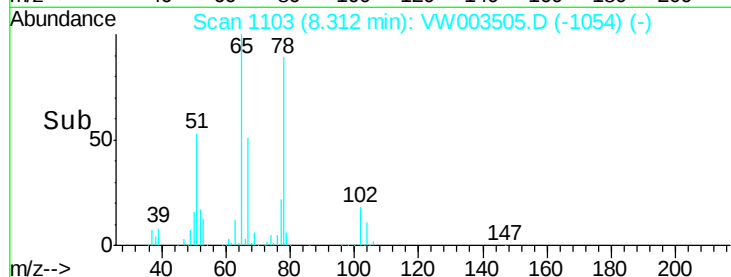
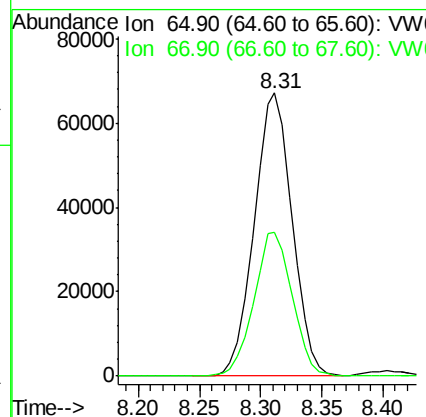
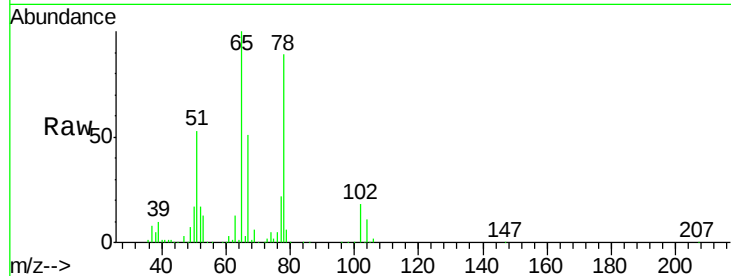
#33
 1,2-Dichloroethane-d4
 Concen: 50.80 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.4	0.0	104.2	

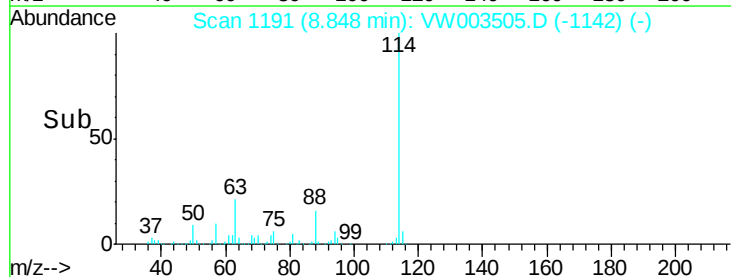
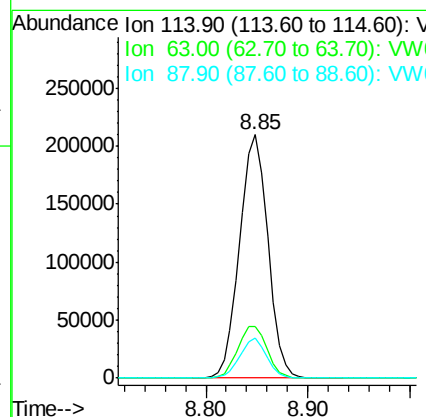
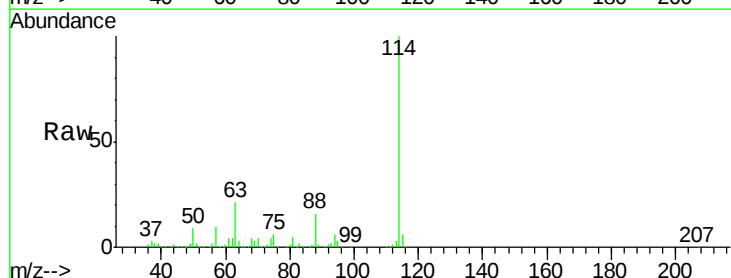
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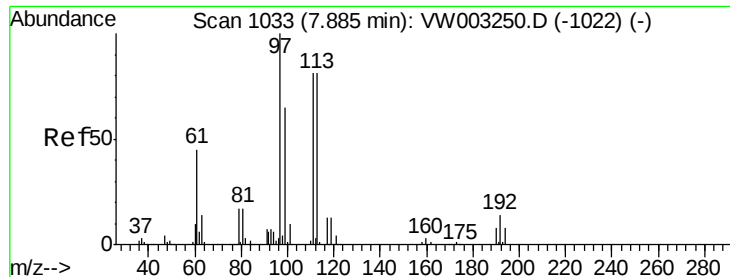
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.2	0.0	43.0	
88	16.3	0.0	29.6	





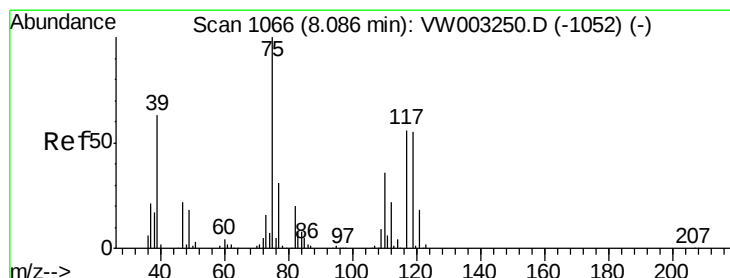
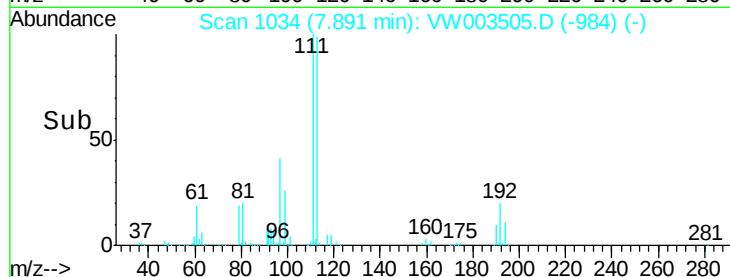
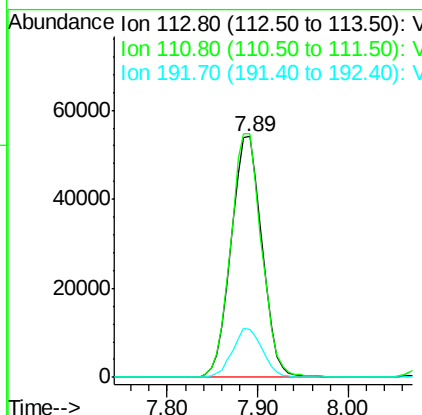
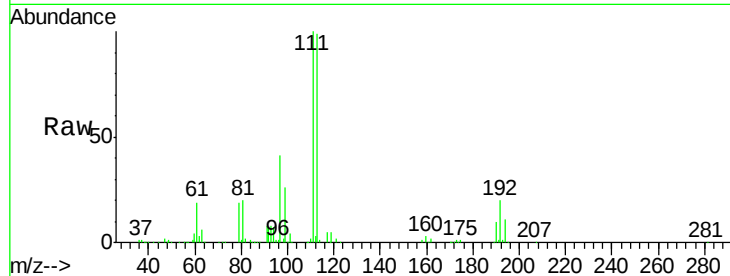
#35
 Dibromofluoromethane
 Concen: 51.23 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.1	82.2	123.2	
192	19.7	16.2	24.2	

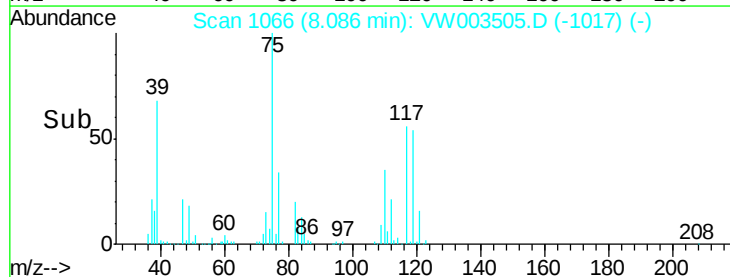
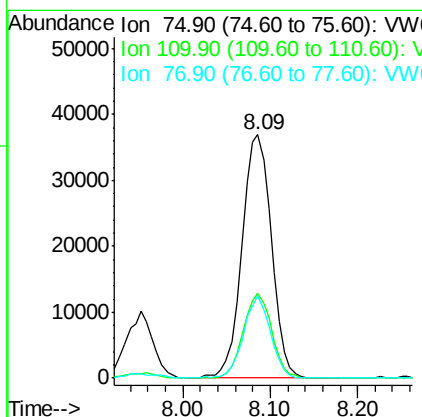
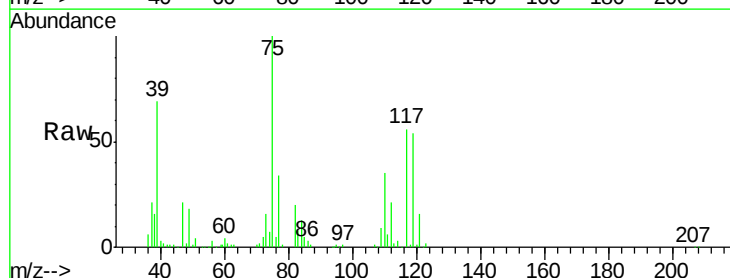
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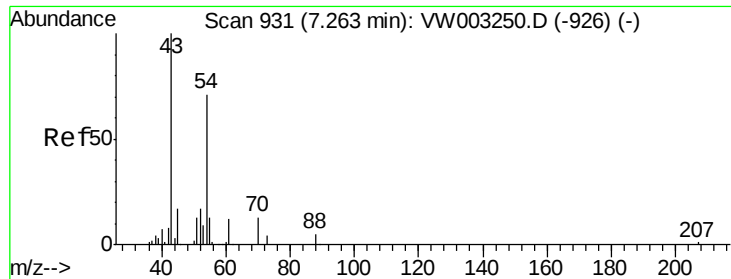
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#36
 1,1-Dichloropropene
 Concen: 22.18 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.5	17.1	51.3	
77	31.0	24.9	37.3	





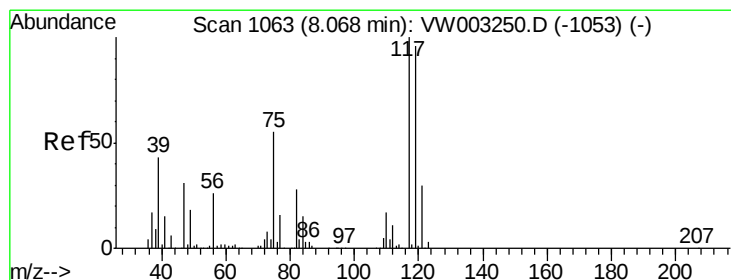
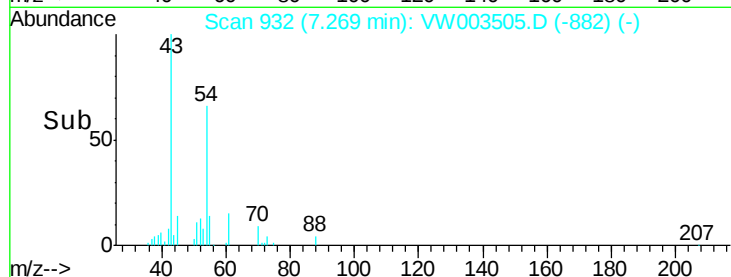
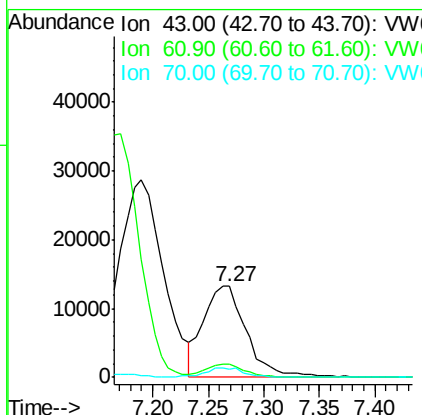
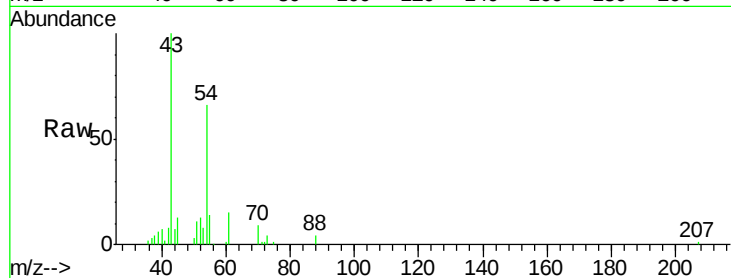
#37
Ethyl Acetate
Concen: 21.76 ug/l
RT: 7.27 min Scan# 932
Delta R.T. 0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.0	7.8	11.6

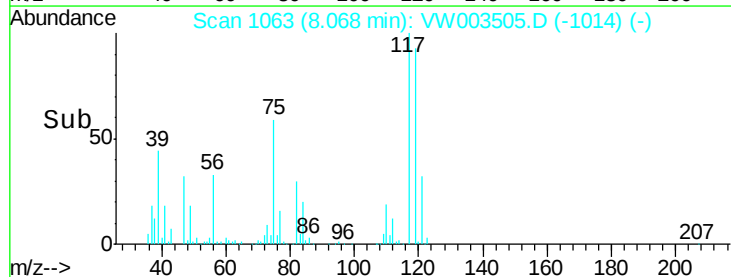
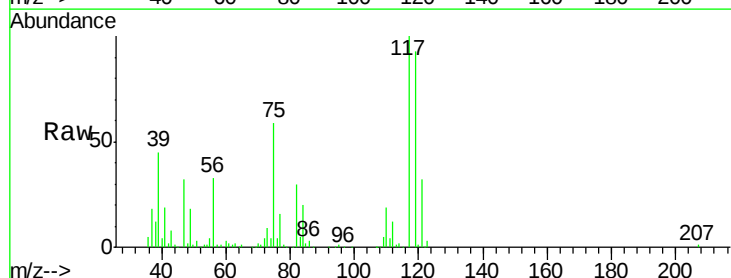
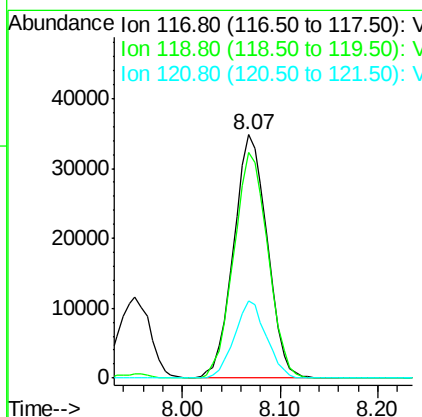
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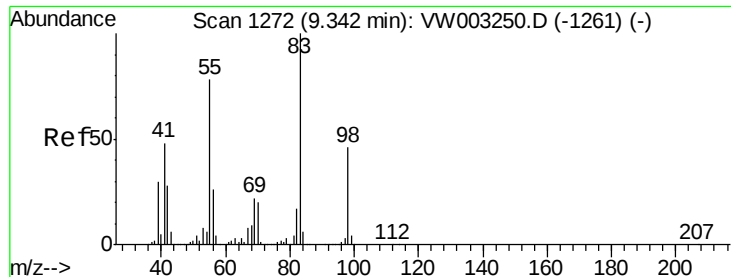
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#38
Carbon Tetrachloride
Concen: 21.74 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	115.0
121	31.8	23.9	35.9





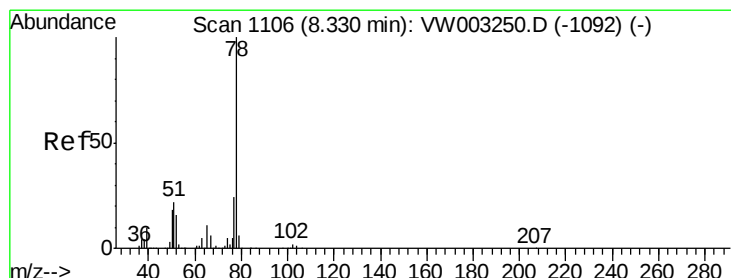
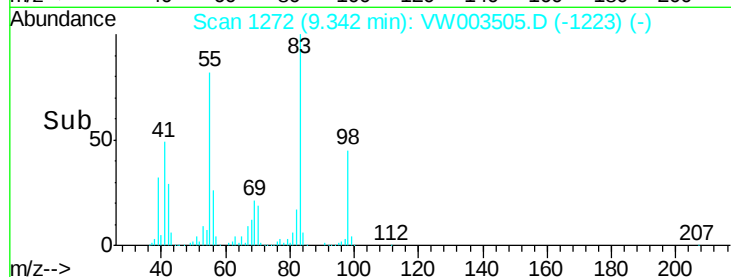
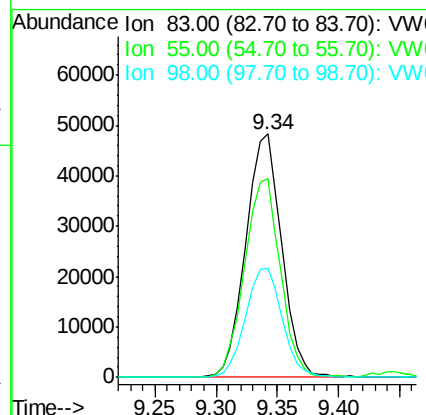
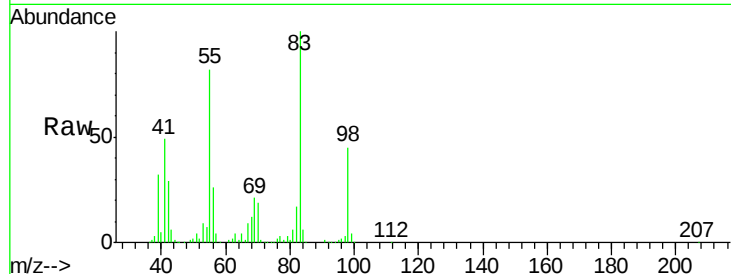
#39
Methvlcvclohexane
Concen: 21.94 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.8	62.6	93.8	
98	44.8	37.0	55.4	

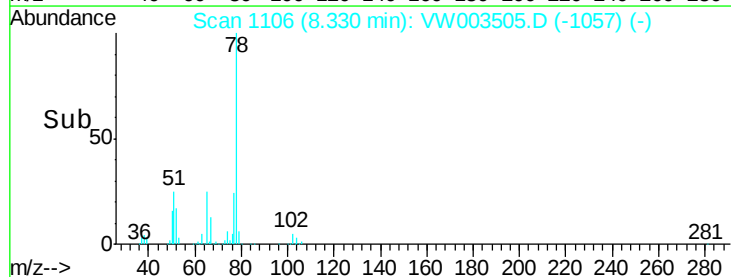
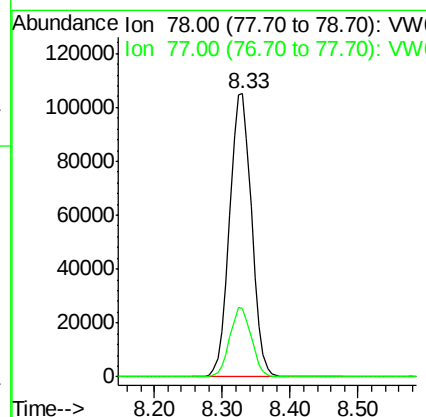
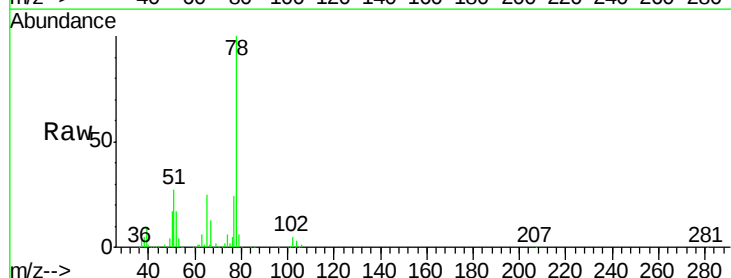
Manual Integrations
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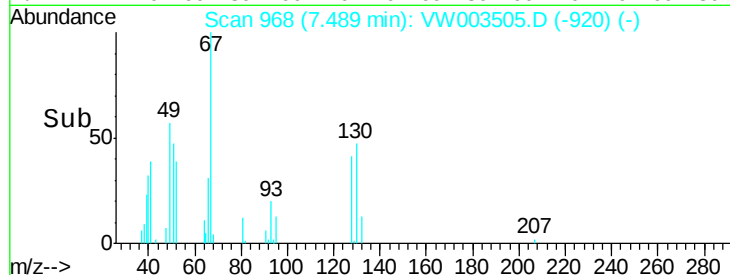
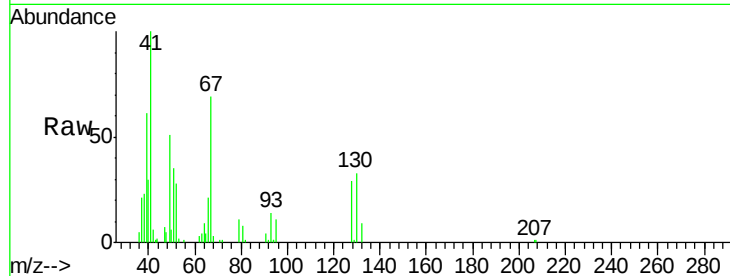
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#40
Benzene
Concen: 21.94 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.3	19.0	28.6	





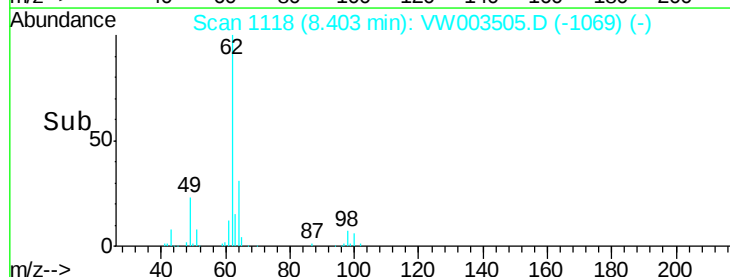
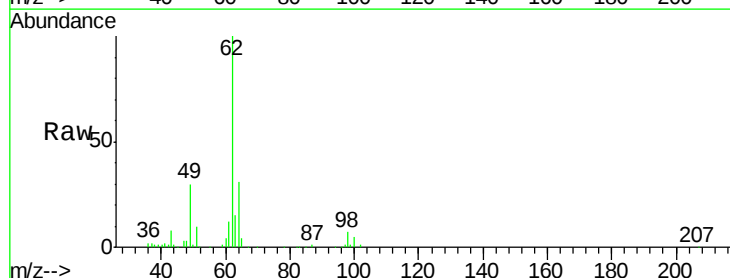
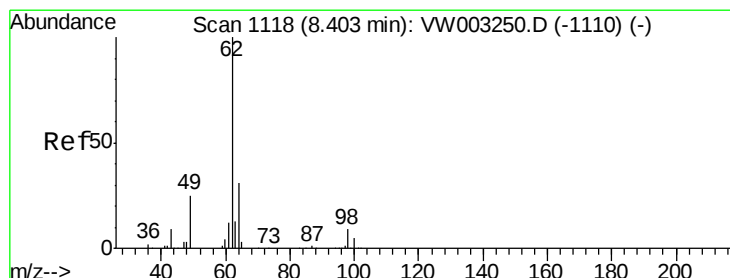
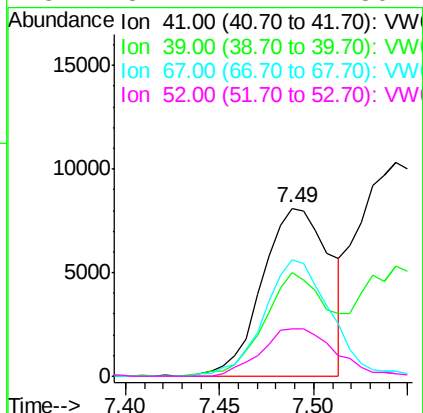
#41
Methacrylonitrile
Concen: 20.46 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tot Ion	41	Resp	20250
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.8	68.8
67	67.8	52.3	78.5
52	31.1	24.1	36.1

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

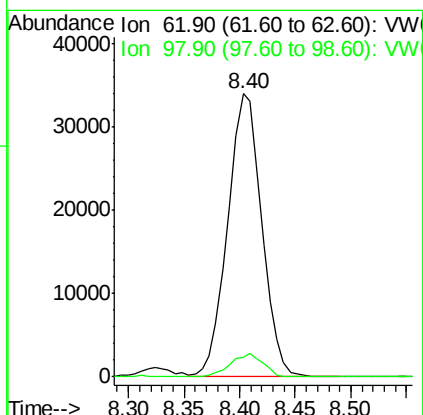
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 21.54 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	62	Resp	72415
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





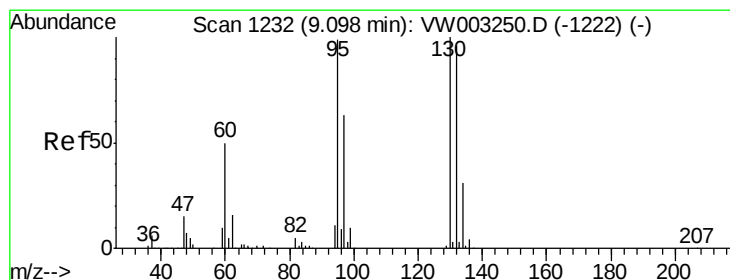
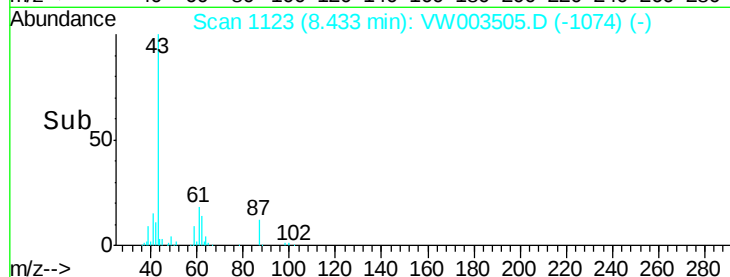
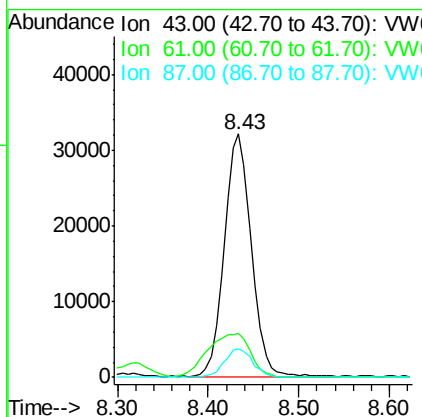
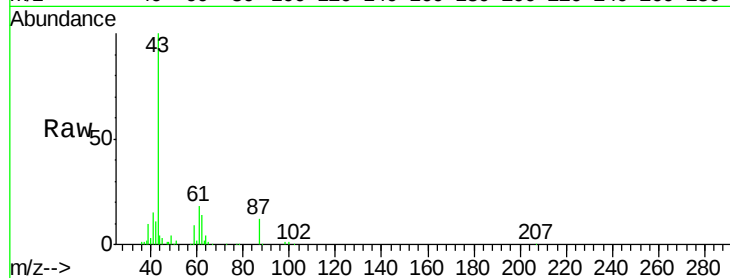
#43
Isopropyl Acetate
Concen: 20.81 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.1	34.7
87	12.3	9.8	14.6

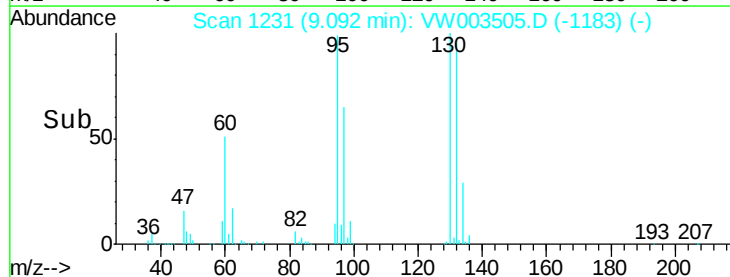
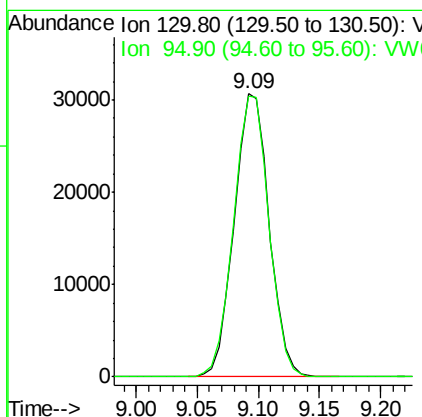
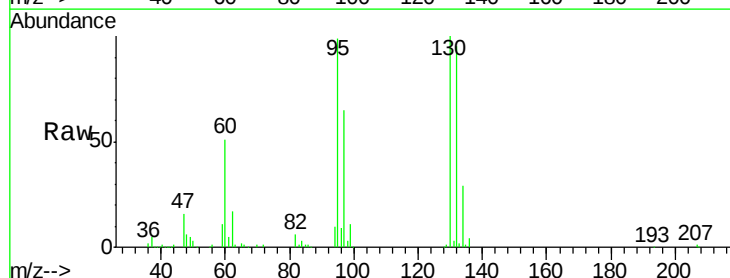
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#44
Trichloroethene
Concen: 21.35 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	198.0





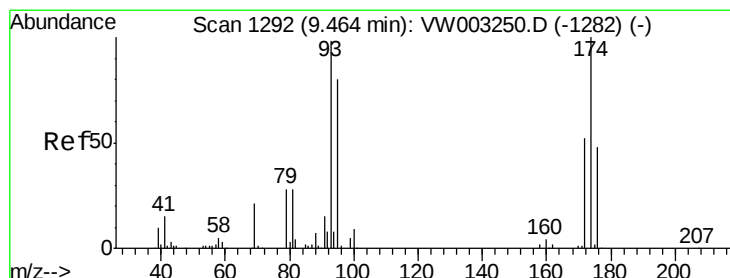
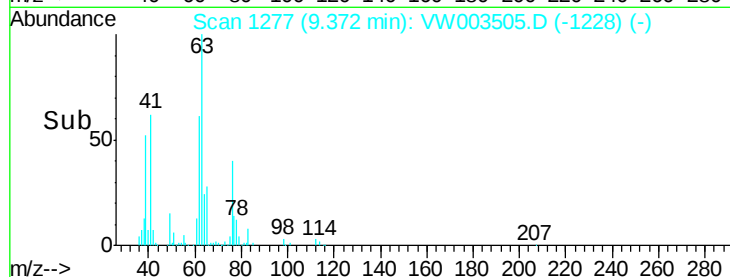
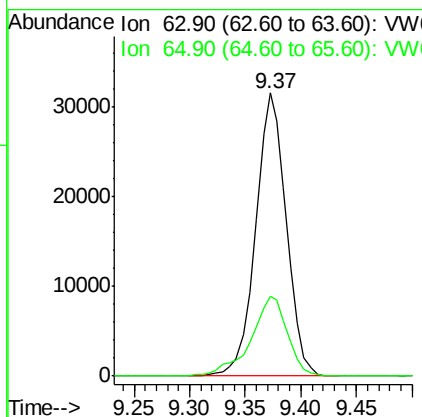
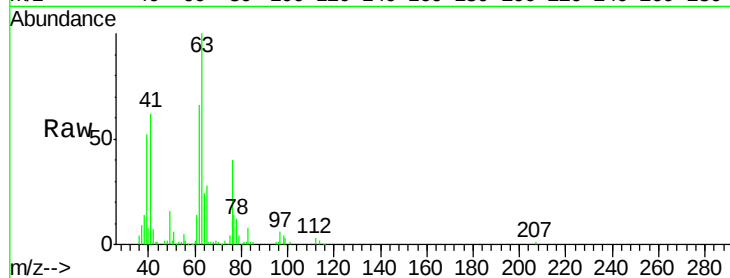
#45
 1,2-Dichloropropane
 Concen: 22.05 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.3	25.1	37.7

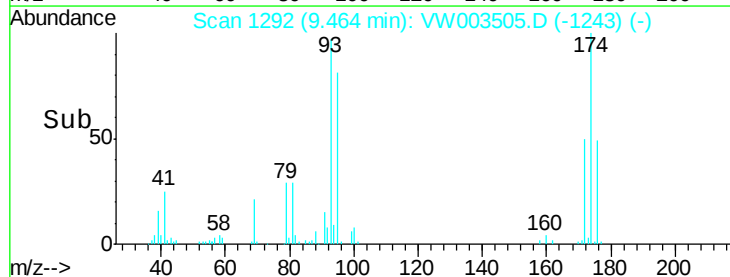
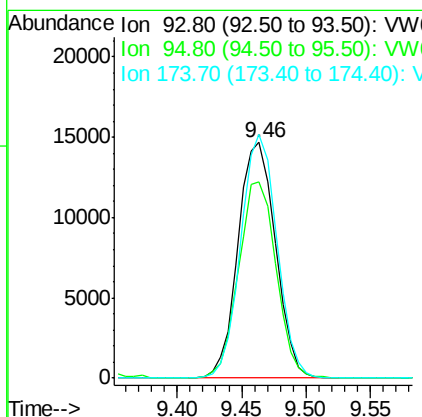
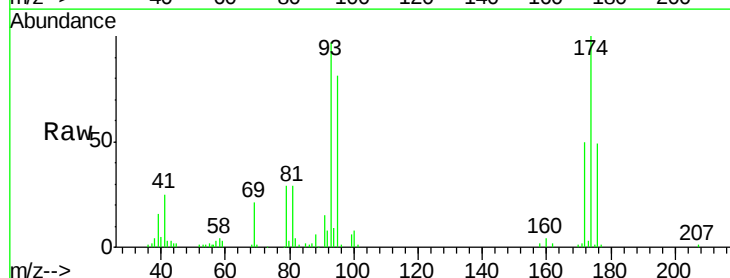
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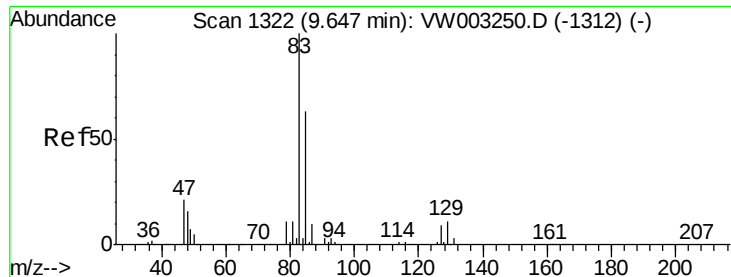
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#46
 Dibromomethane
 Concen: 21.15 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.8
174	99.7	81.4	122.0





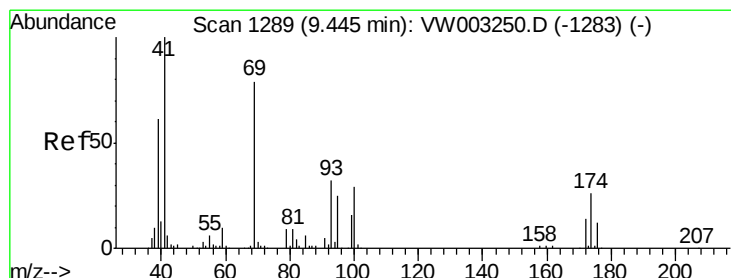
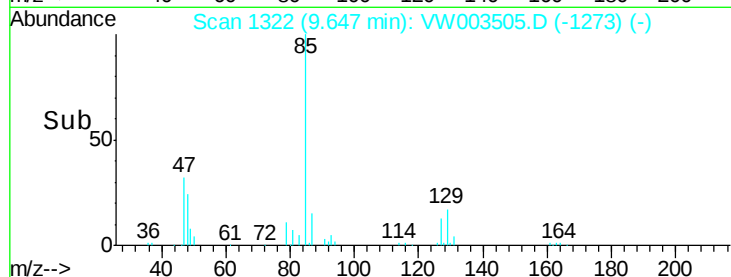
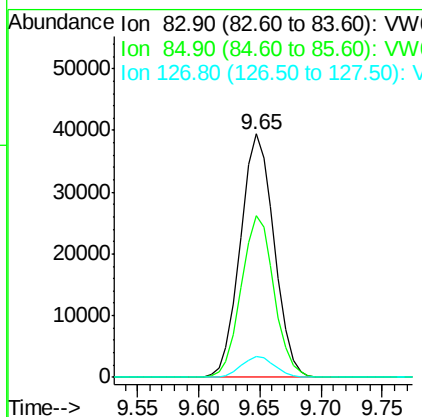
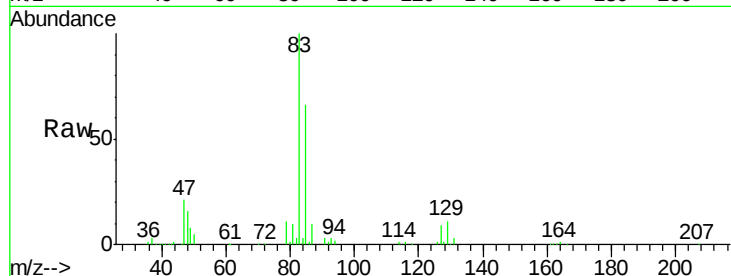
#47
Bromodichloromethane
Concen: 21.10 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	83	Resp	75650
Ion Ratio	100	Lower	Upper
83	100		
85	66.4	50.6	75.8
127	8.6	6.8	10.2

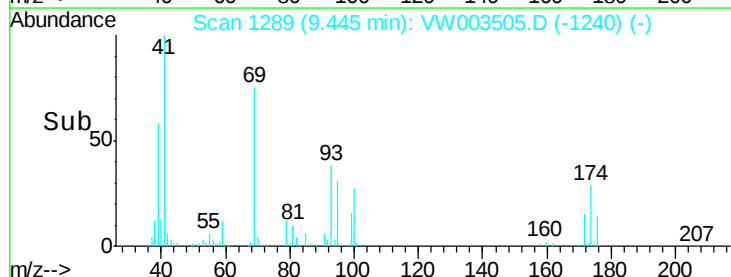
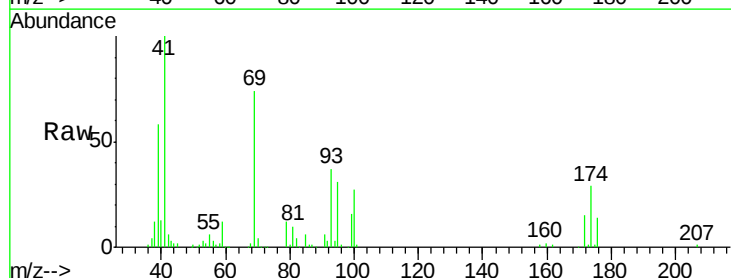
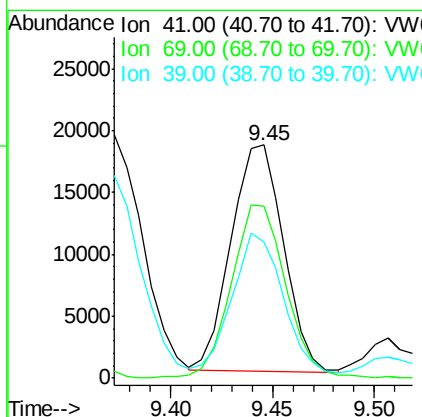
Manual Integrations
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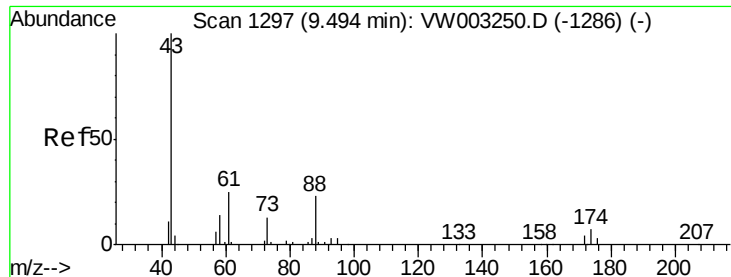
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#48
Methyl methacrylate
Concen: 21.61 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	41	Resp	32530
Ion Ratio	100	Lower	Upper
41	100		
69	80.4	65.4	98.2
39	64.2	54.2	81.2





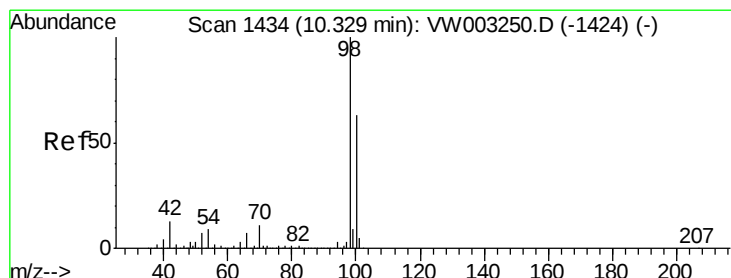
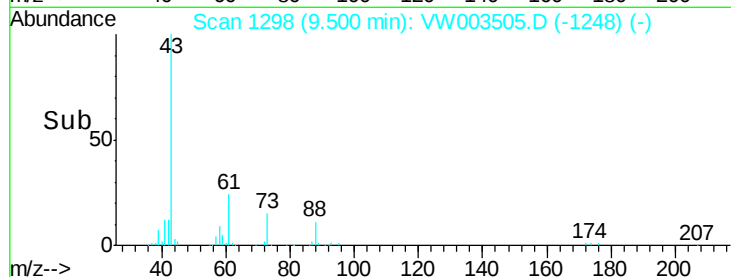
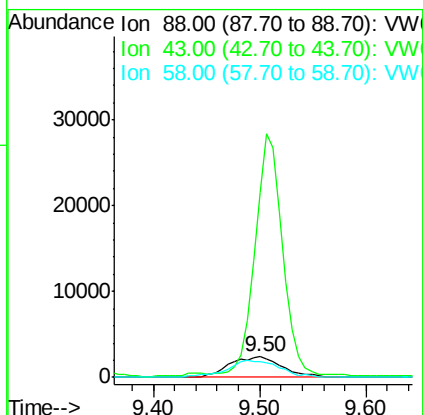
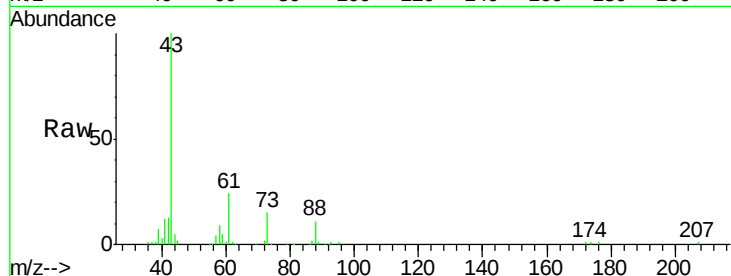
#49
1,4-Dioxane
Concen: 393.70 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	617.6	454.7	682.1
58	83.1	58.6	88.0

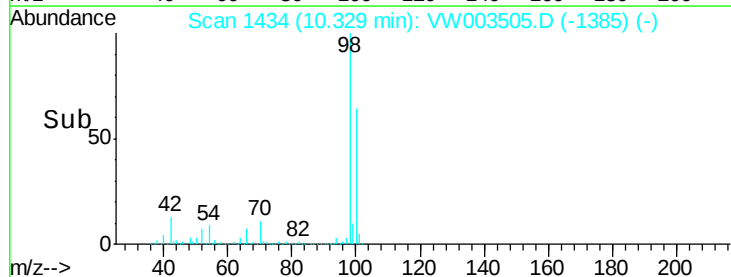
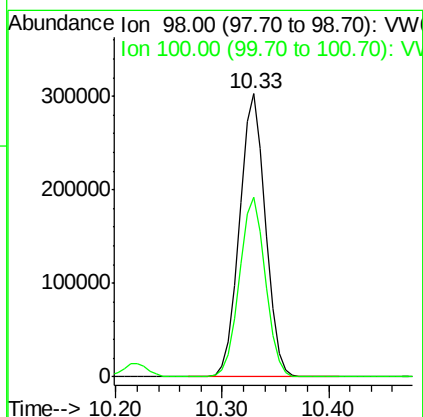
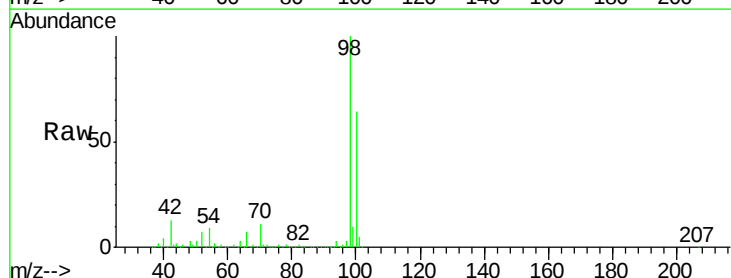
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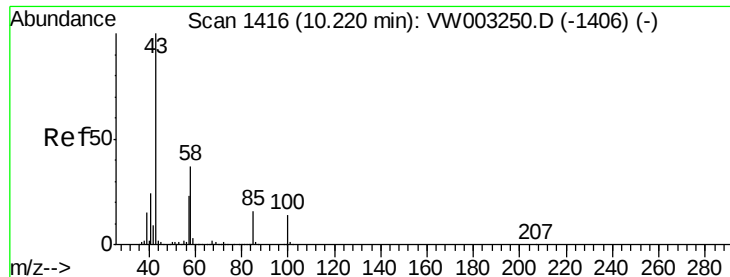
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#50
Toluene-d8
Concen: 52.09 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 106.72 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS01

Tot Ion: 43 Resp: 174167

Ion Ratio Lower Upper

43 100

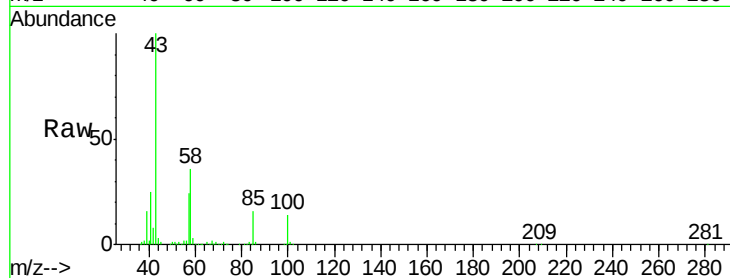
58 35.7 29.0 43.4

Manual Integrations

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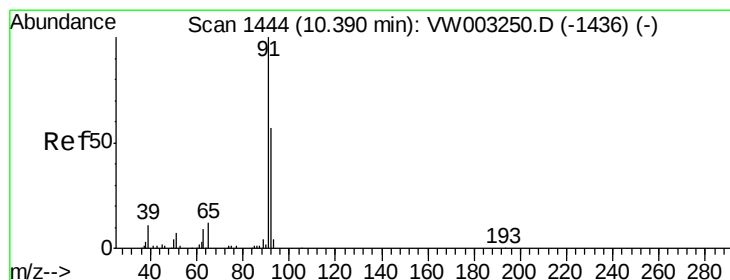
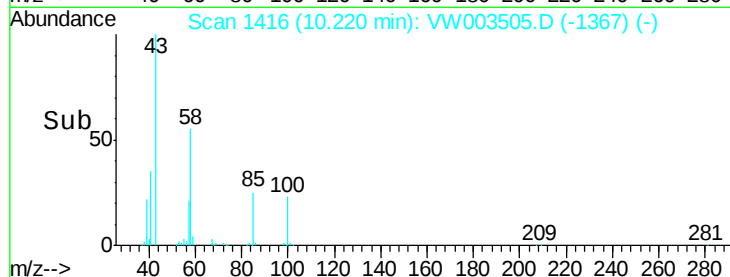
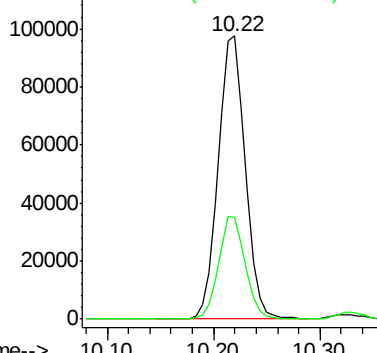
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.44 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003505.D

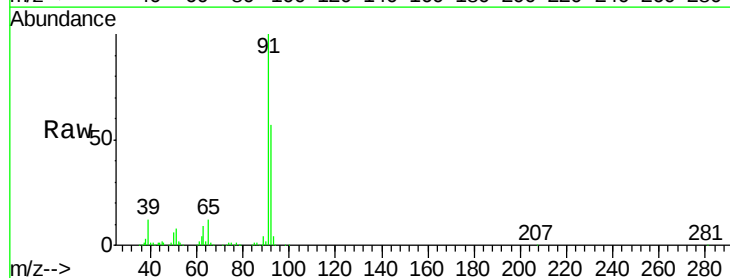
Acq: 24 Jun 2018 12:54

Tgt Ion: 92 Resp: 147555

Ion Ratio Lower Upper

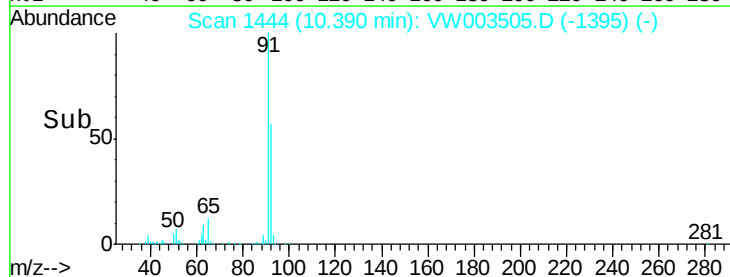
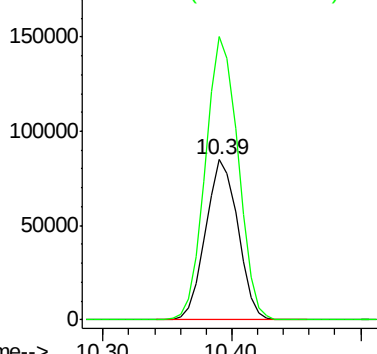
92 100

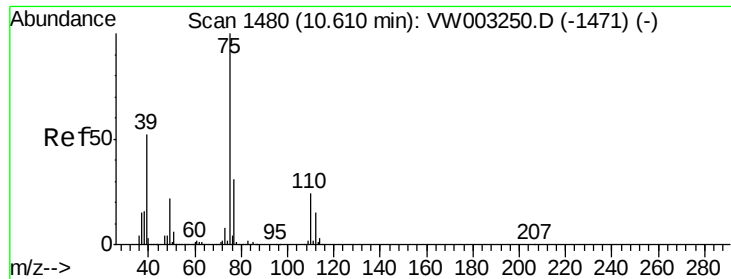
91 179.1 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 21.07 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 75 Resp: 77163

Ion Ratio Lower Upper

75 100

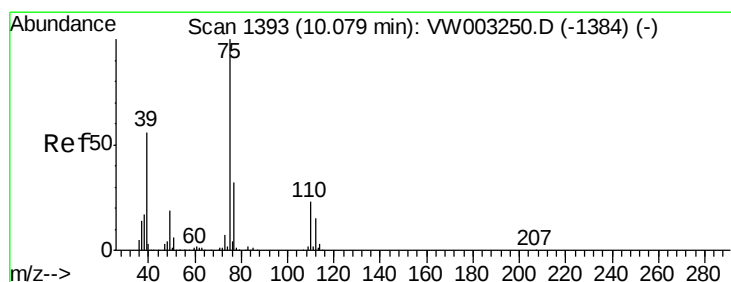
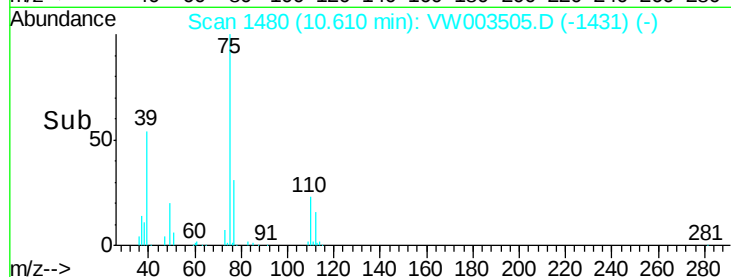
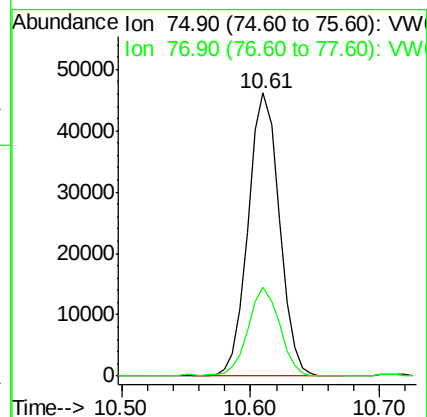
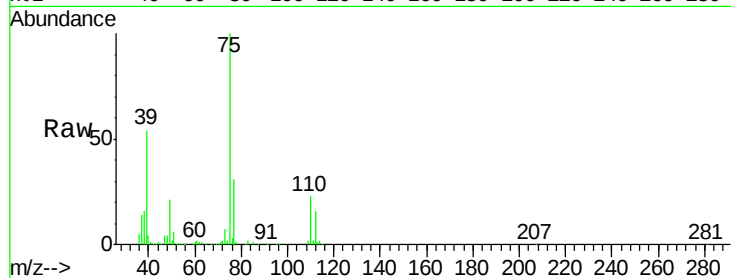
77 31.2 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 21.55 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

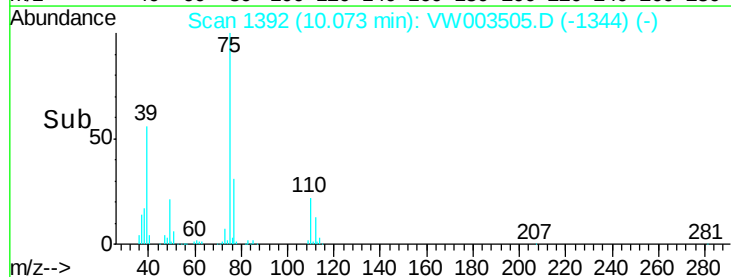
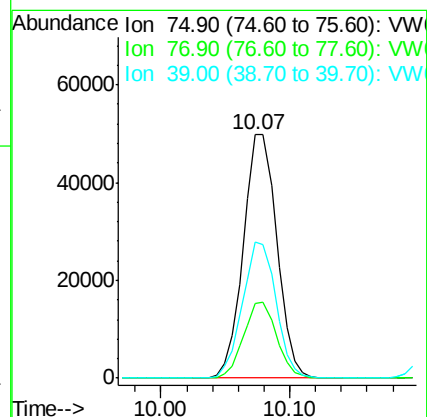
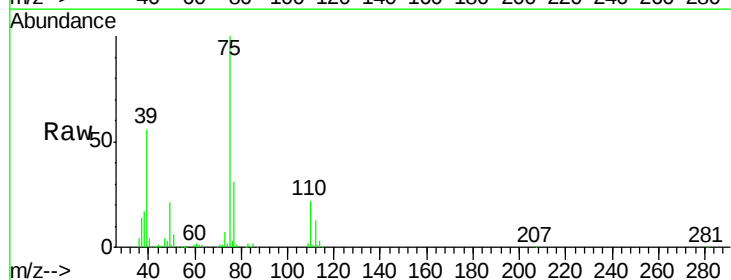
Tgt Ion: 75 Resp: 89845

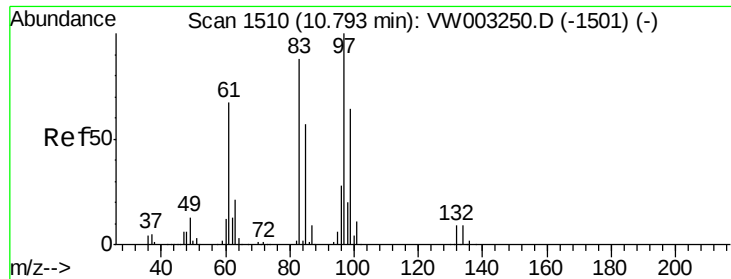
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 55.8 45.2 67.8





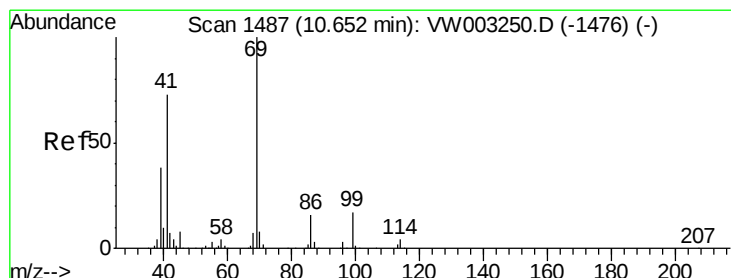
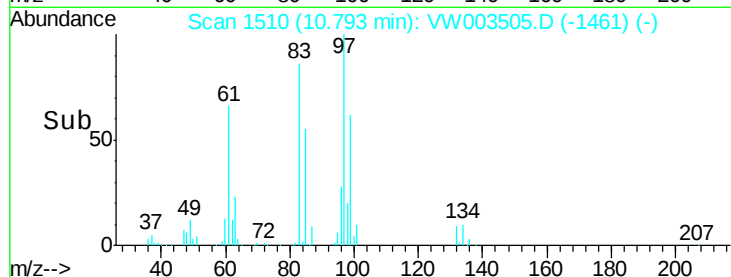
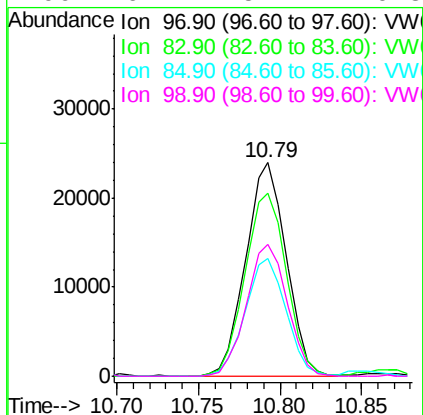
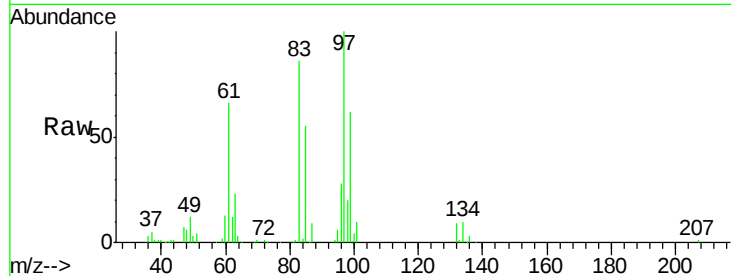
#55
 1,1,2-Trichloroethane
 Concen: 21.08 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.2
85	55.3	45.6	68.4
99	61.7	51.2	76.8

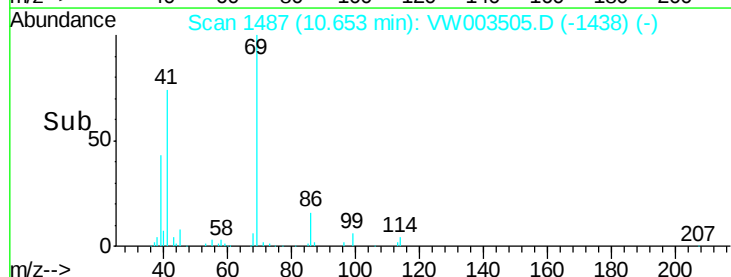
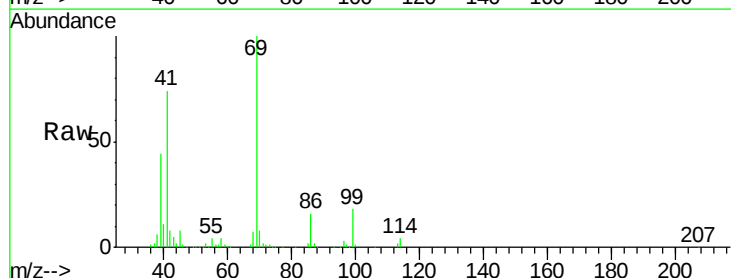
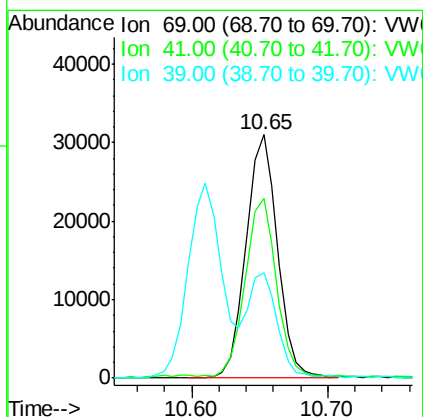
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#56
 Ethyl methacrylate
 Concen: 21.07 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.8	86.6
39	39.5	32.7	49.1





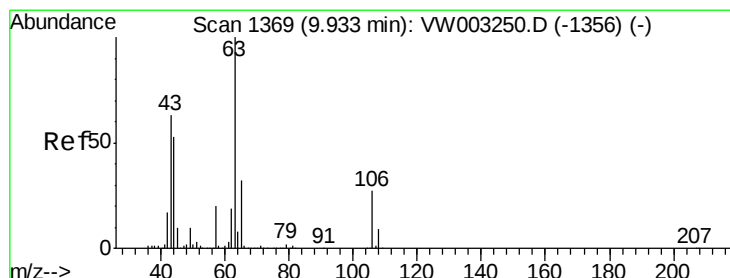
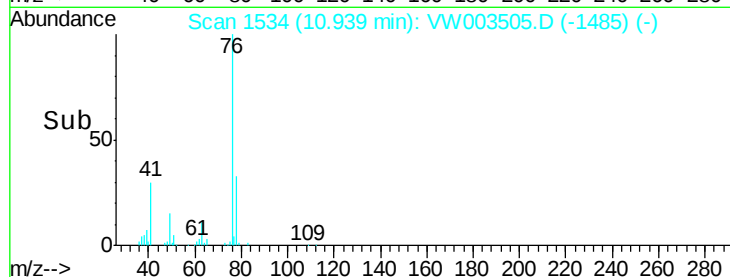
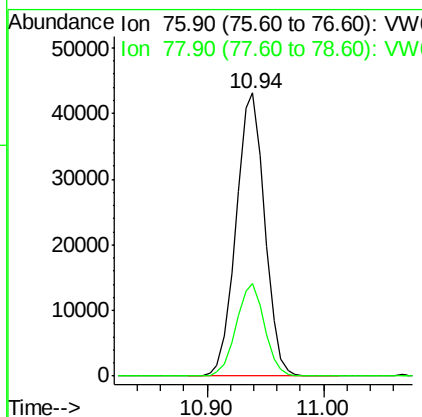
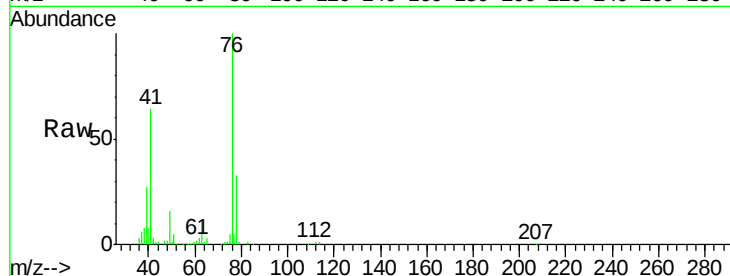
#57
 1,3-Dichloropropane
 Concen: 21.69 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion: 76 Resp: 73735
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

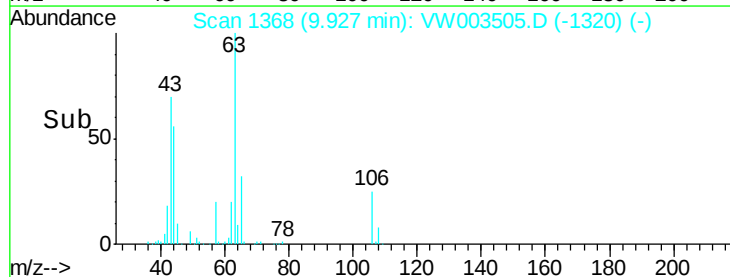
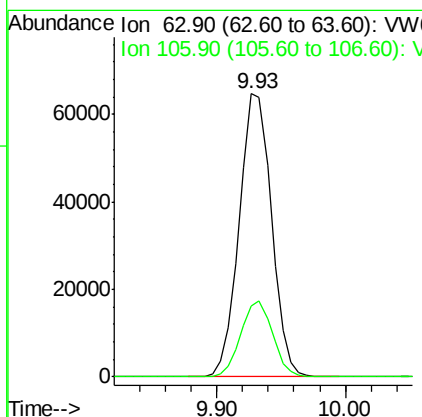
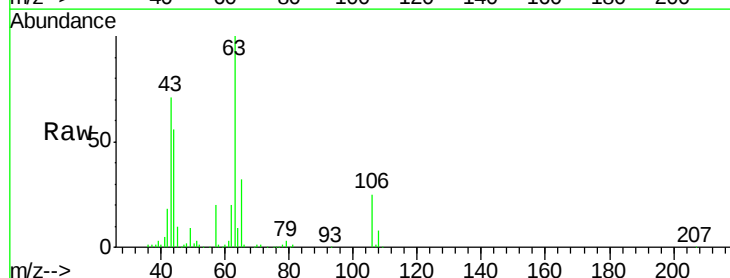
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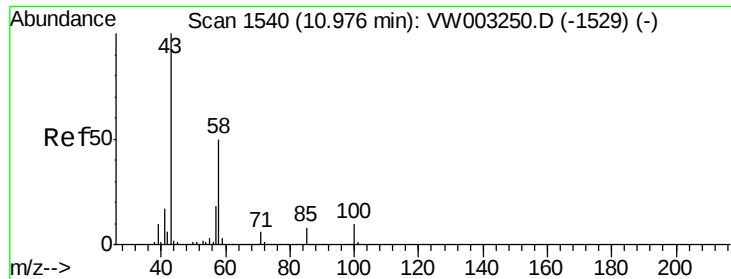
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.84 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion: 63 Resp: 112508
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8





#59

2-Hexanone

Concen: 110.41 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 43 Resp: 125869

Ion Ratio Lower Upper

43 100

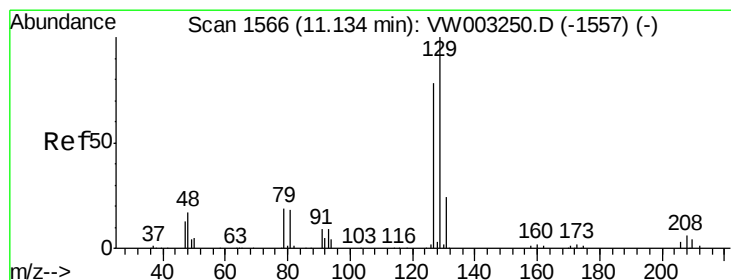
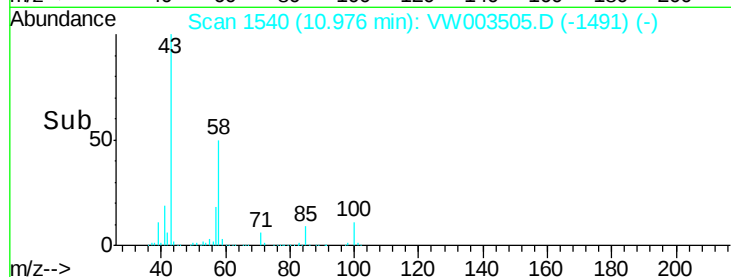
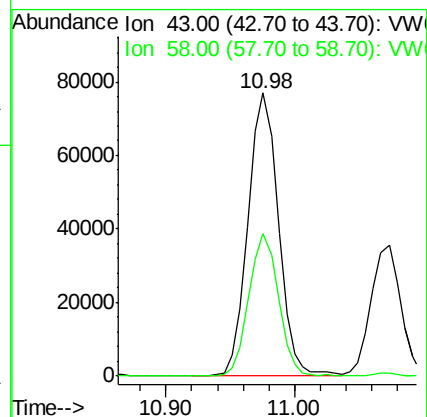
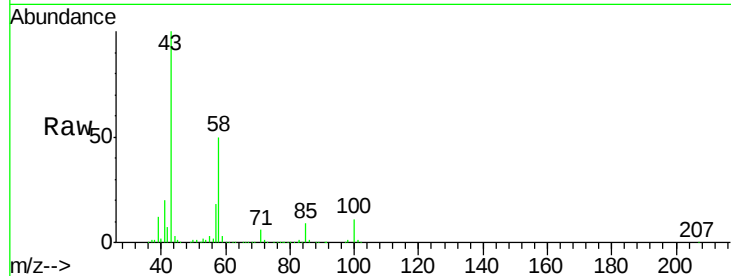
58 49.0 25.0 75.0

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#60

Dibromochloromethane

Concen: 20.53 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003505.D

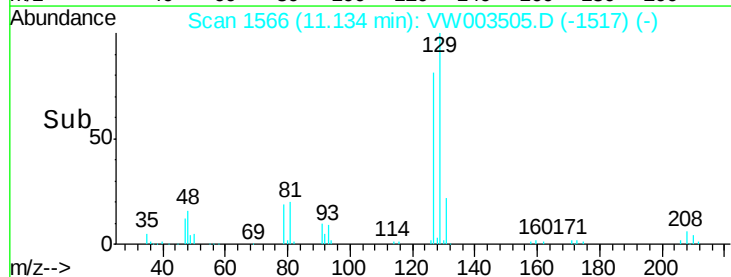
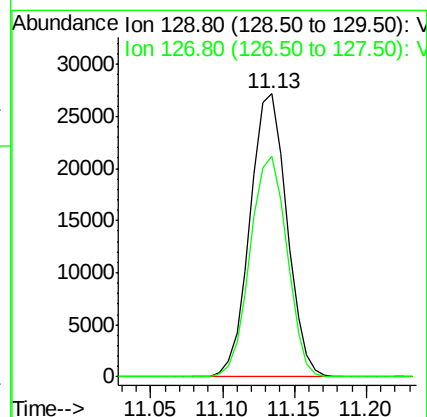
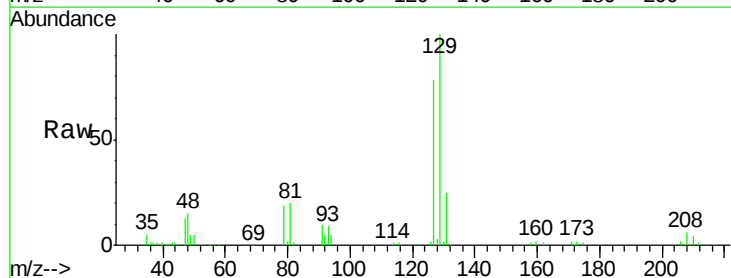
Acq: 24 Jun 2018 12:54

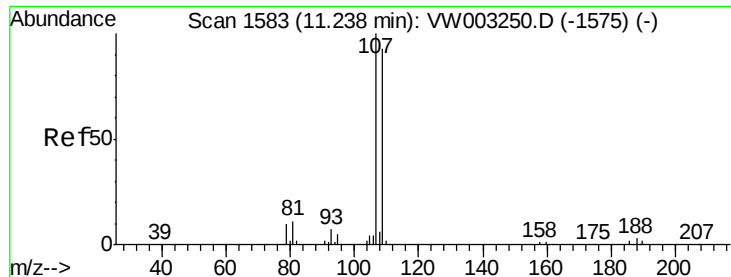
Tgt Ion: 129 Resp: 48123

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.5





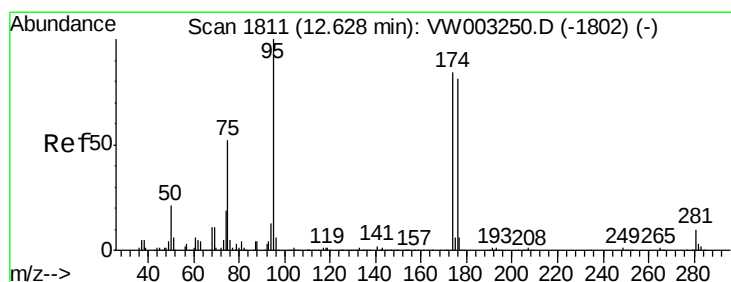
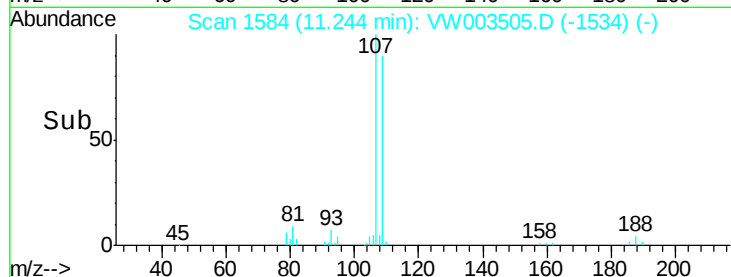
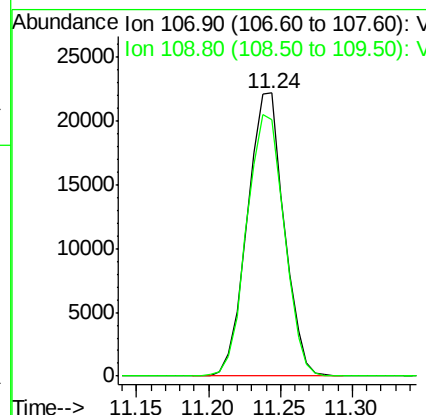
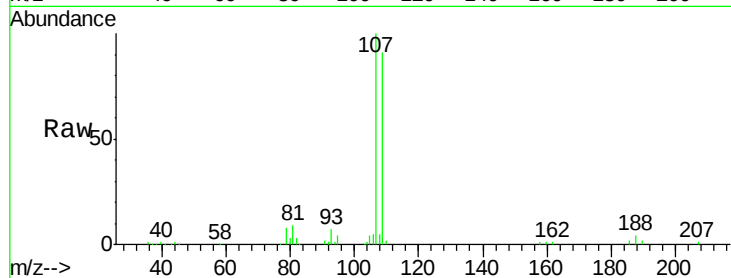
#61
 1,2-Dibromoethane
 Concen: 21.00 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.6

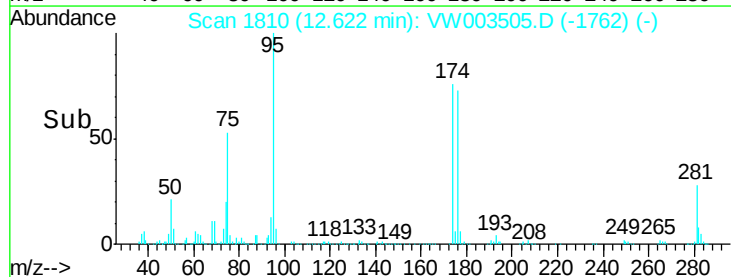
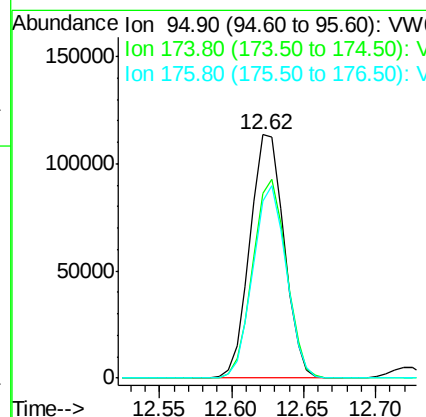
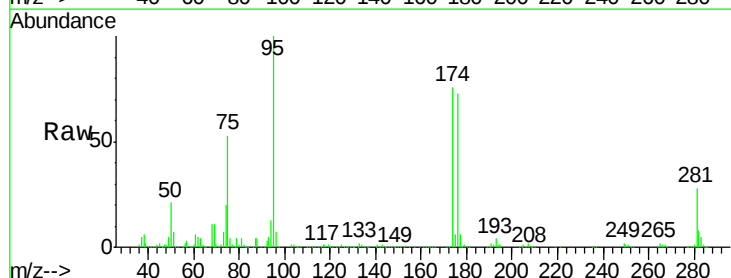
Manual Integrations
 APPROVED

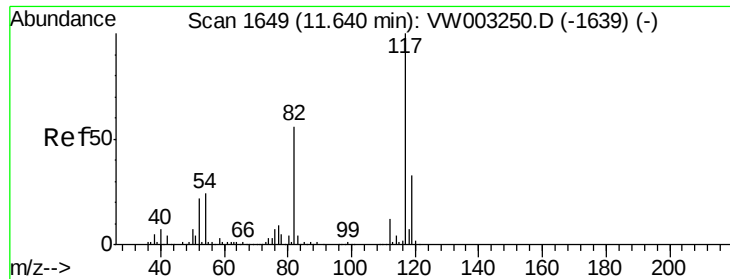
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.92 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	166.4
176	77.3	0.0	162.0





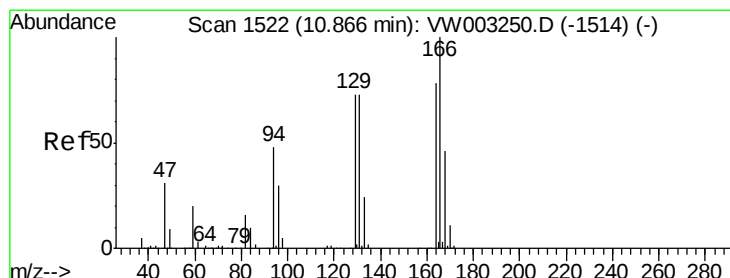
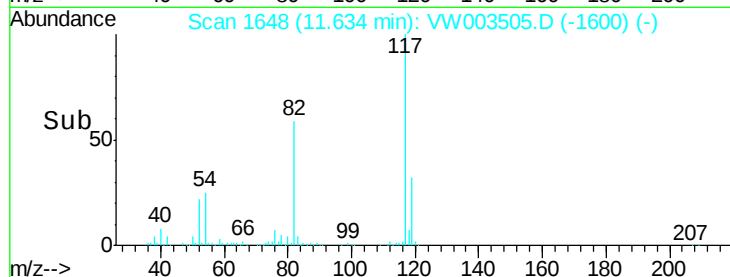
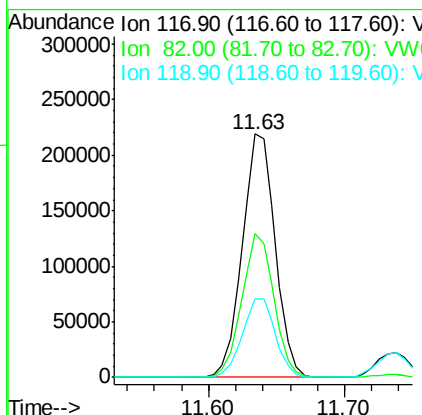
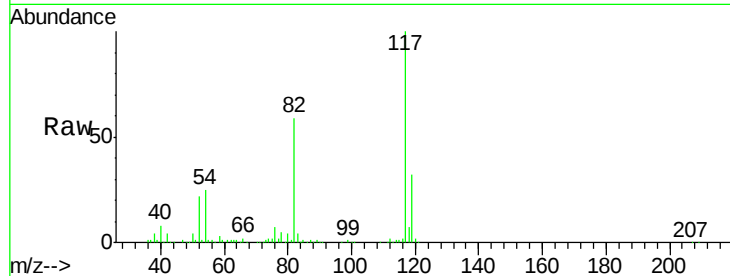
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	44.6	67.0
119	32.3	26.7	40.1

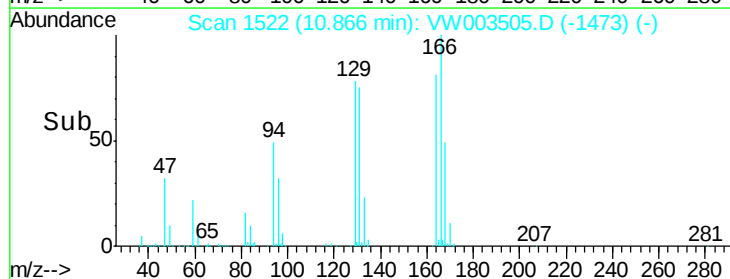
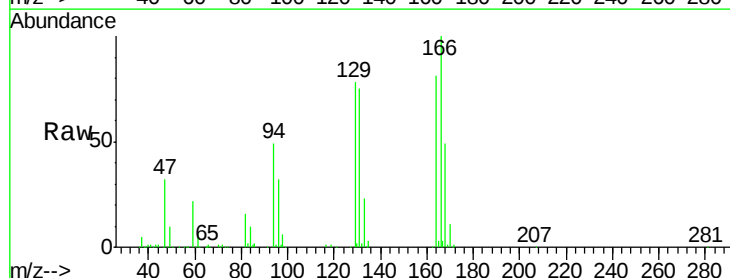
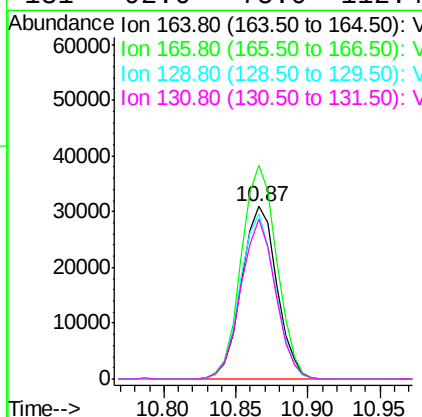
Manual Integrations
APPROVED

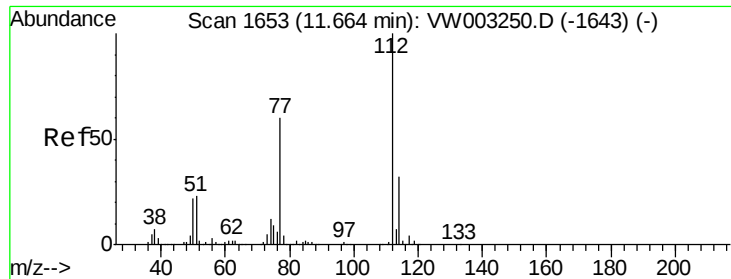
apatel
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#64
Tetrachloroethene
Concen: 21.32 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	102.6	154.0
129	95.9	75.2	112.8
131	92.6	75.0	112.4





#65

Chlorobenzene

Concen: 21.36 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion:112 Resp: 164099

Ion Ratio Lower Upper

112 100

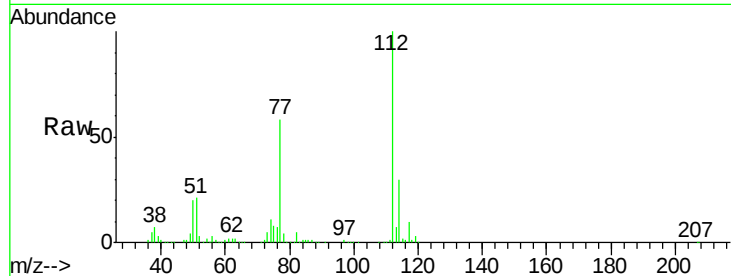
114 30.5 25.9 38.9

Manual Integrations

APPROVED

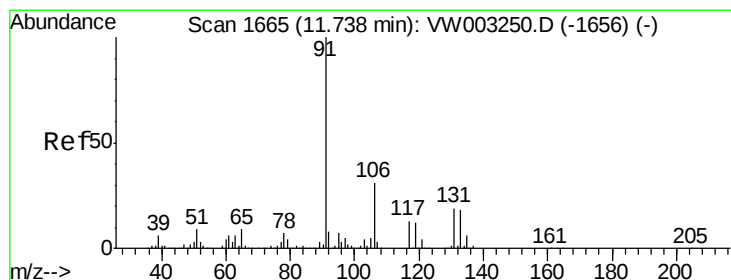
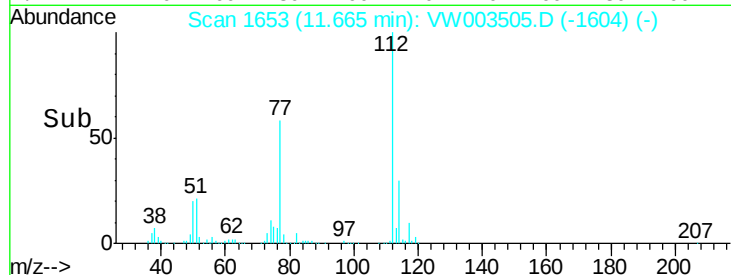
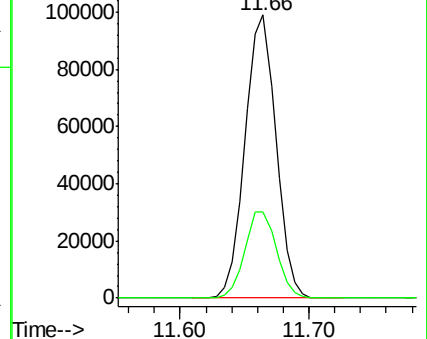
apatel

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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: 20.83 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

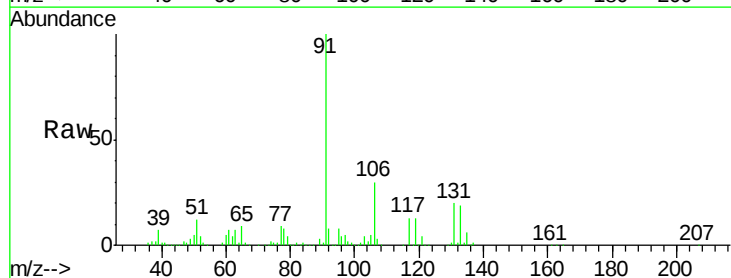
Tgt Ion:131 Resp: 56247

Ion Ratio Lower Upper

131 100

133 96.4 47.3 142.0

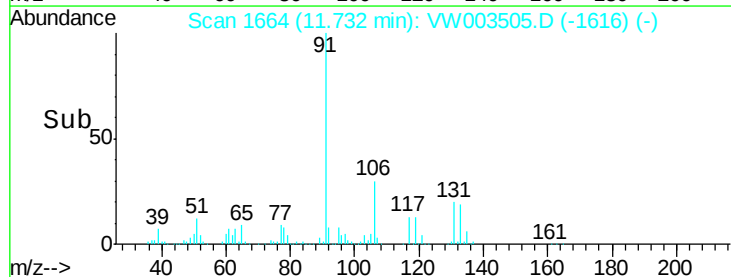
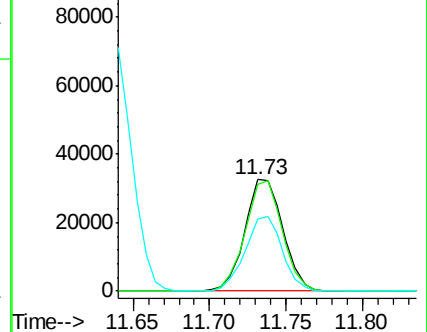
119 65.4 32.5 97.4

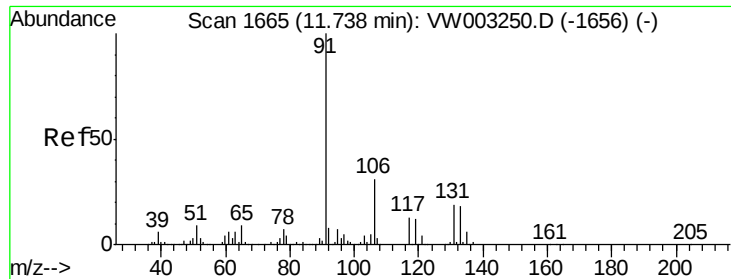


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





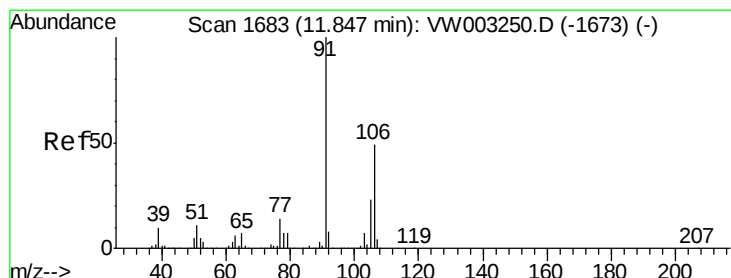
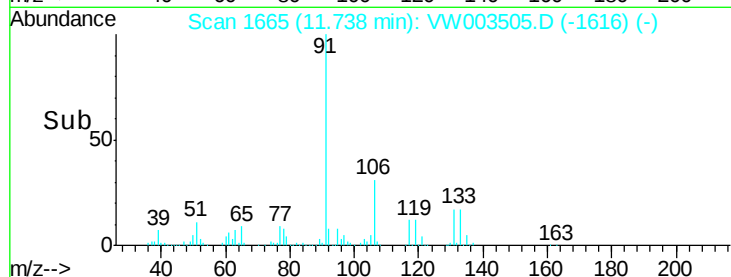
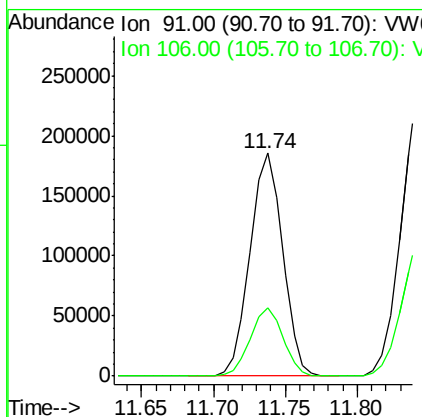
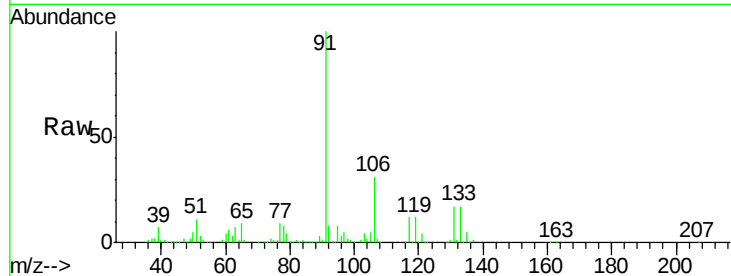
#67
Ethyl Benzene
Concen: 21.40 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion: 91 Resp: 291500
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

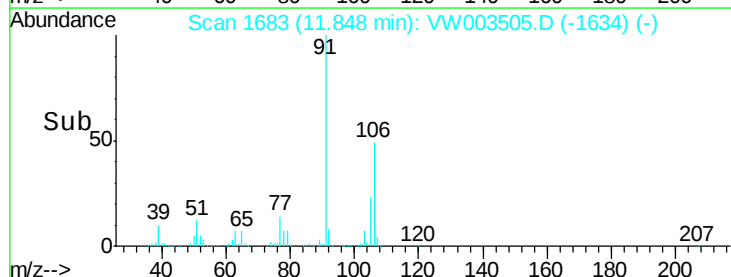
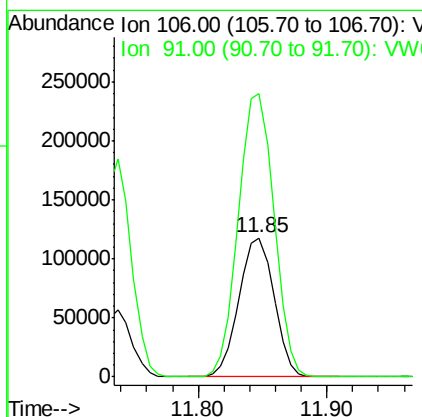
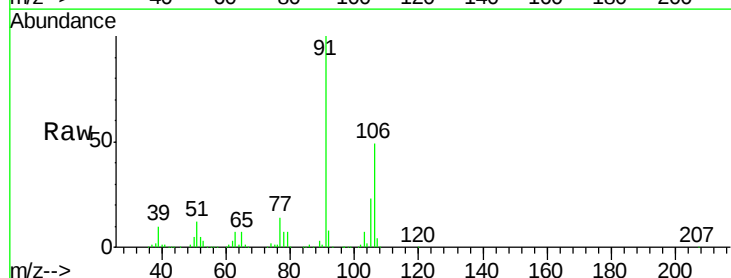
Manual Integrations
APPROVED

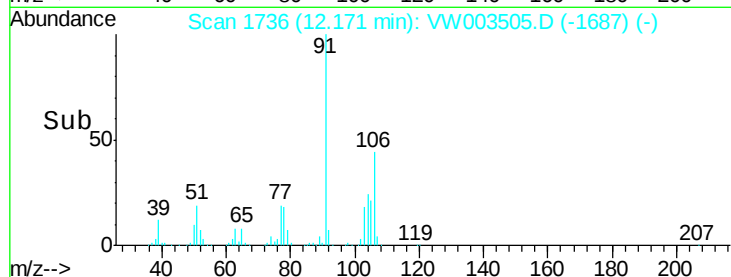
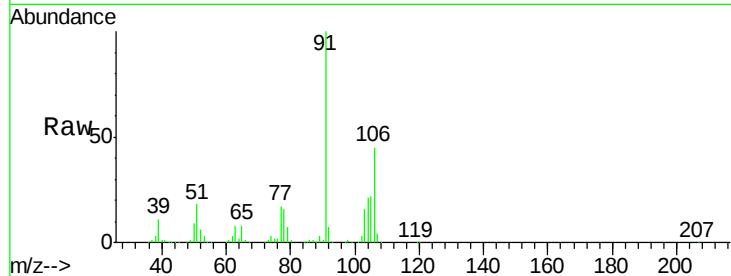
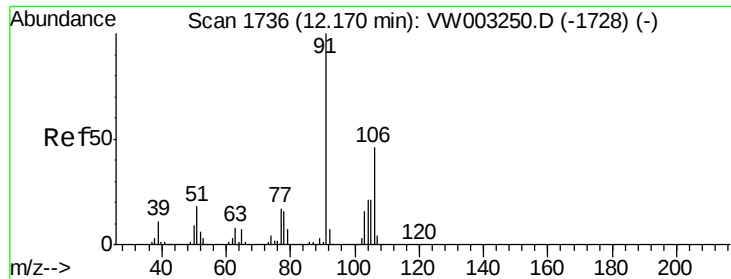
apatel
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#68
m/p-Xylenes
Concen: 43.11 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 106 Resp: 223163
Ion Ratio Lower Upper
106 100
91 206.3 165.4 248.0





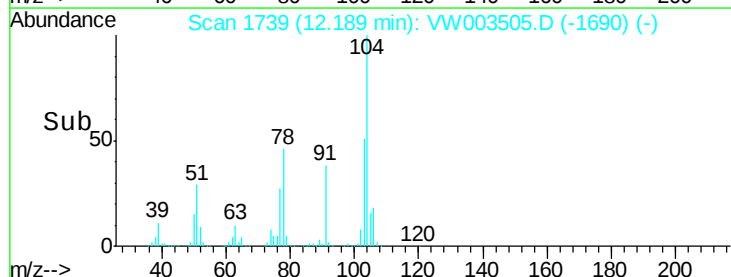
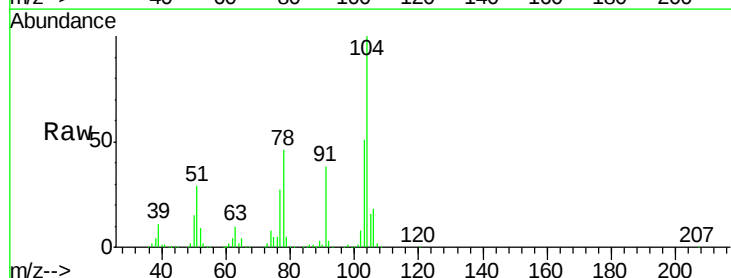
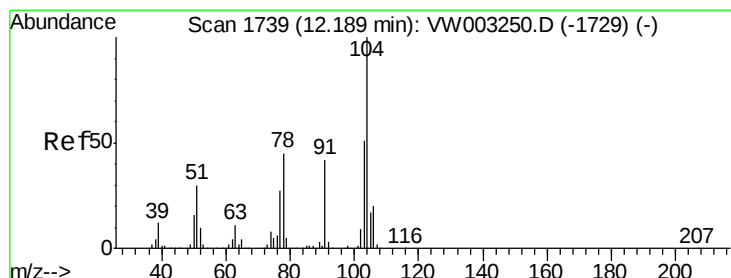
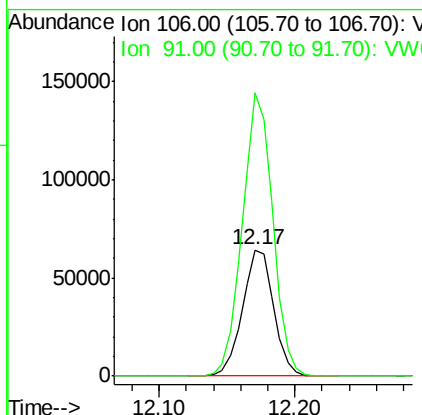
#69
o-Xylene
Concen: 21.43 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tot Ion	Ratio	Resp	Lower	Upper
106	100	102838		
91	219.3	108.6	325.6	

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

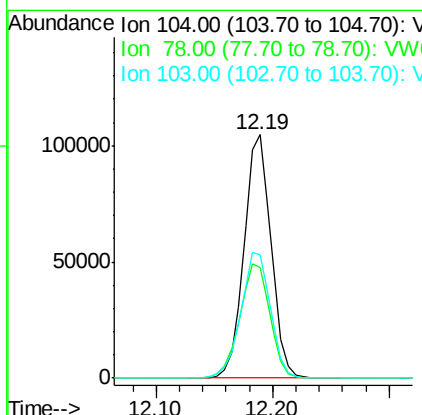
Manual Integrations
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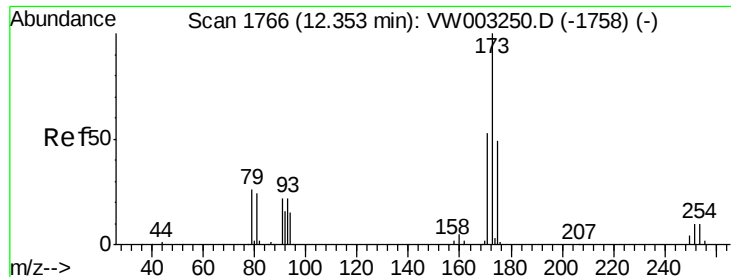
apatel
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#70
Styrene
Concen: 21.18 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	169176		
78	52.8	41.3	61.9	
103	56.6	45.0	67.4	





#71

Bromoform

Concen: 19.97 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion:173 Resp: 27949

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.4

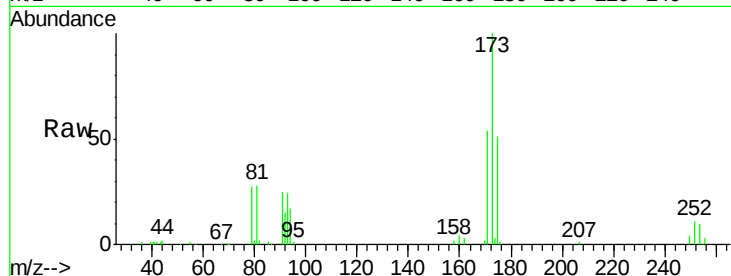
254 0.1 0.1 0.1#

Manual Integrations

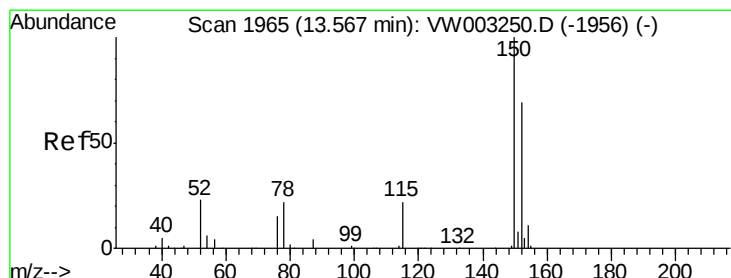
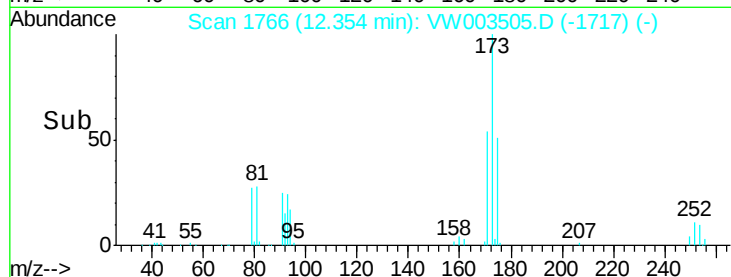
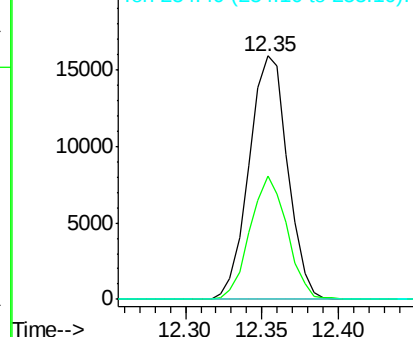
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

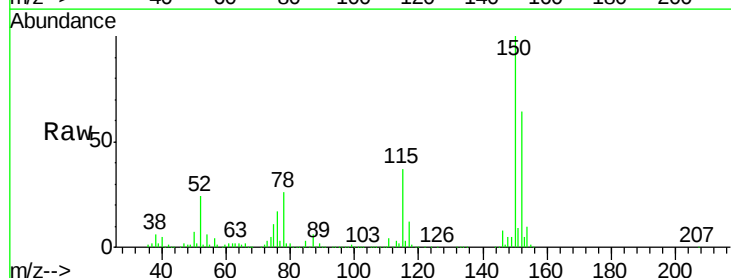
Tgt Ion:152 Resp: 197000

Ion Ratio Lower Upper

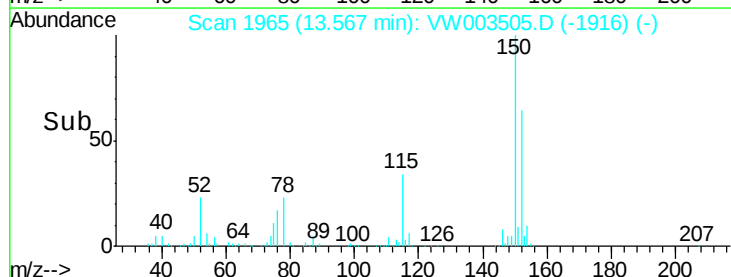
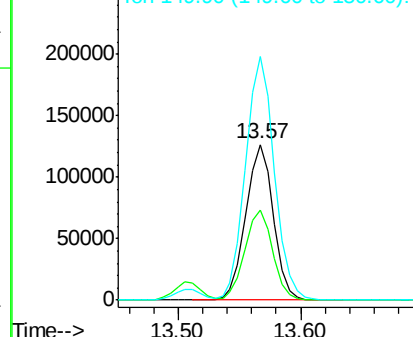
152 100

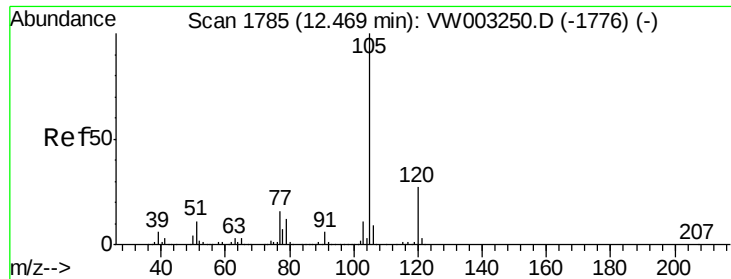
115 58.6 29.3 88.0

150 164.6 0.0 349.6



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





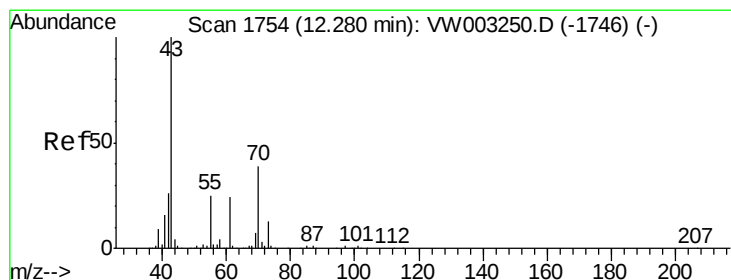
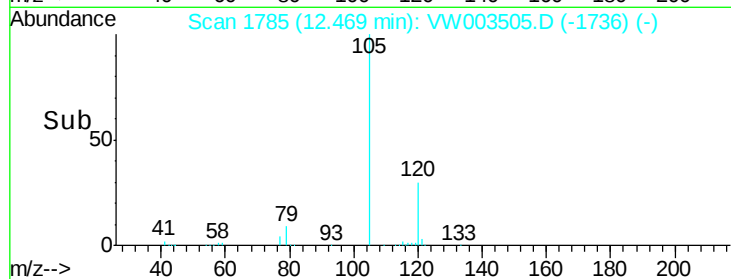
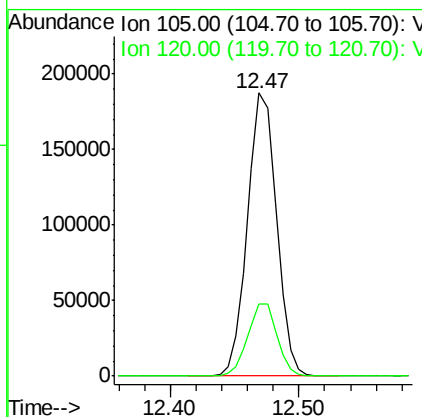
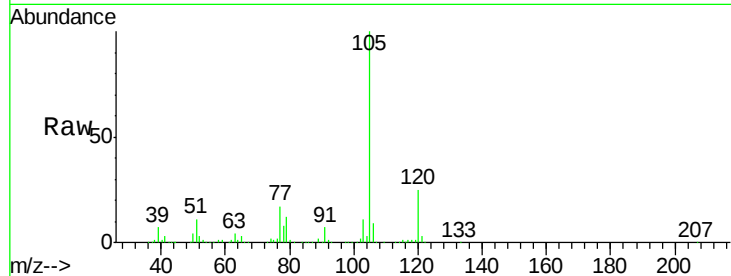
#73
Isopropylbenzene
Concen: 21.23 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.6

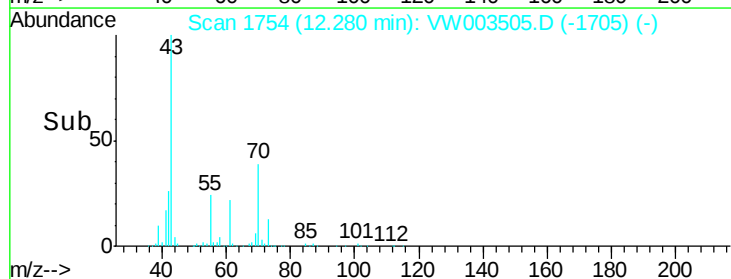
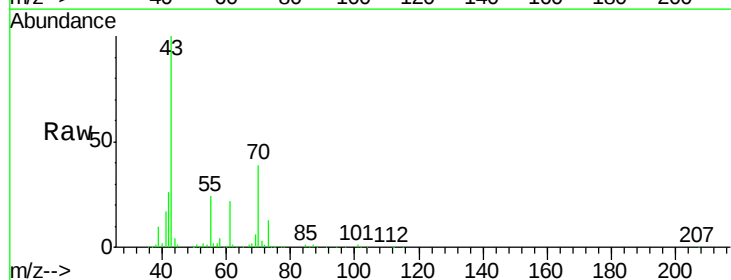
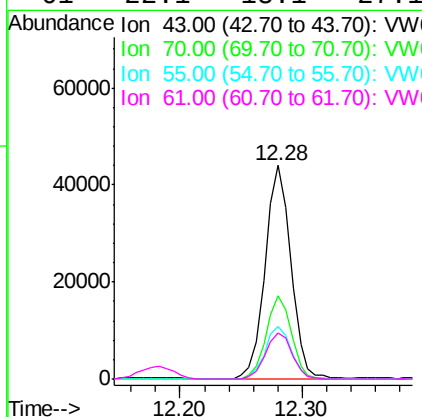
Manual Integrations
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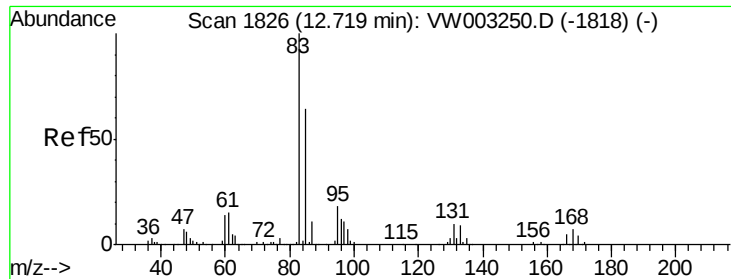
apatel
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#74
N-ethyl acetate
Concen: 20.77 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.1	31.0	46.6
55	25.0	19.7	29.5
61	22.1	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.93 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

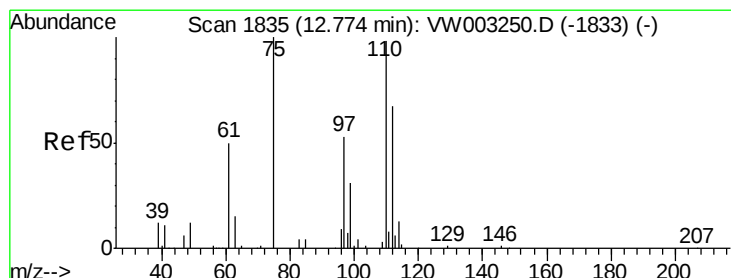
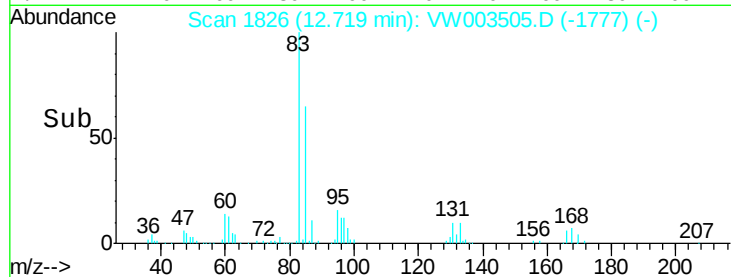
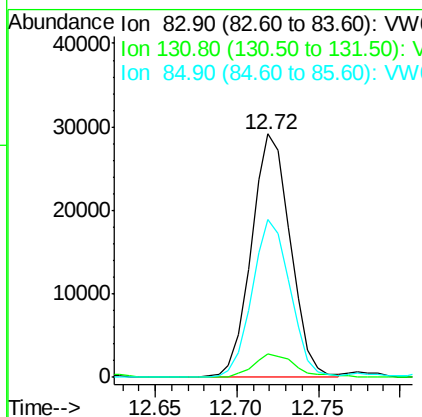
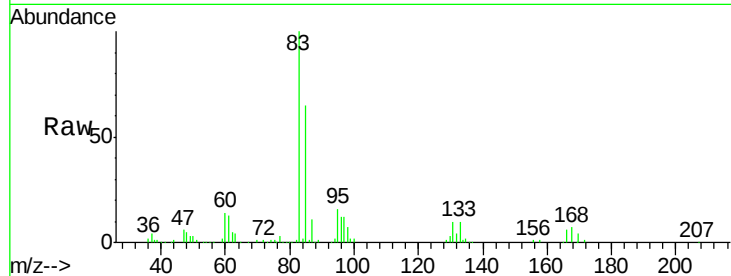
ClientSampleId :

VW0624SBSD01

Tot Ion:	83	Resp:	48507
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.4	16.2
85	63.5	31.9	95.7

Manual Integrations
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apatel
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#76

1,2,3-Trichloropropane

Concen: 20.38 ug/l m

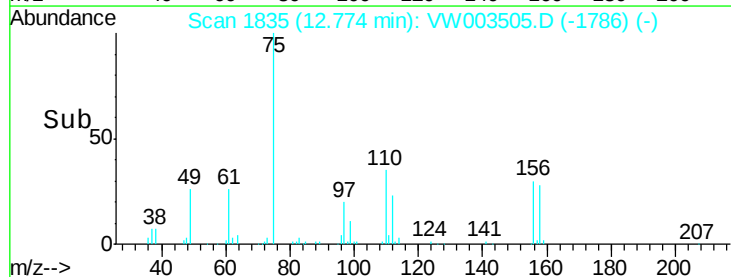
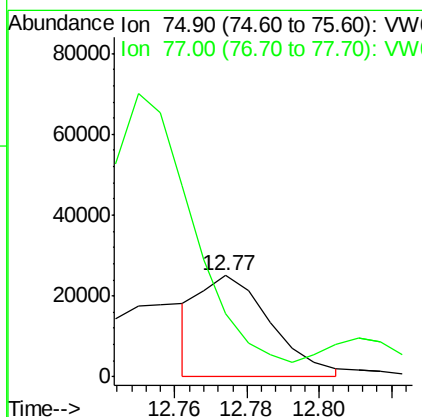
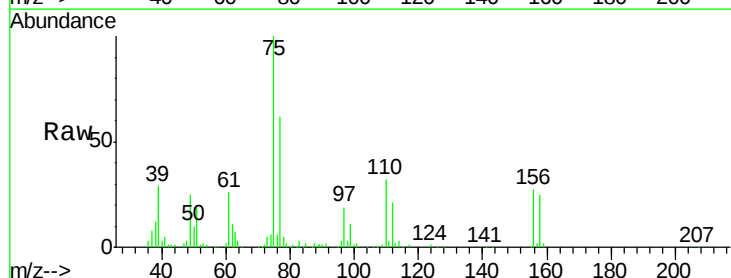
RT: 12.77 min Scan# 1835

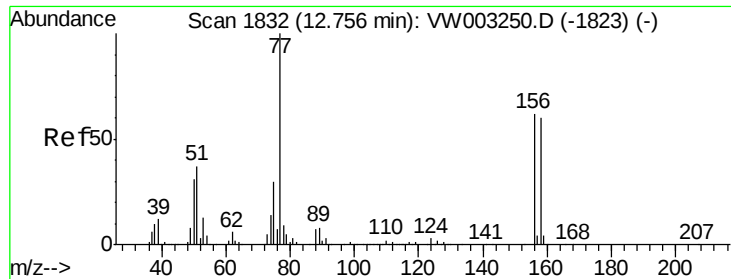
Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Tgt Ion:	75	Resp:	34330
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





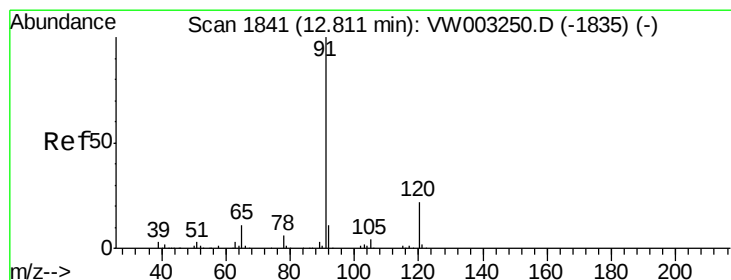
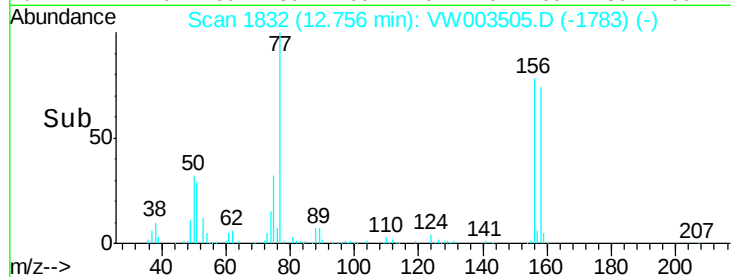
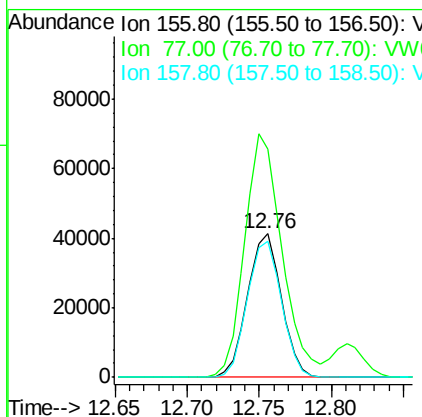
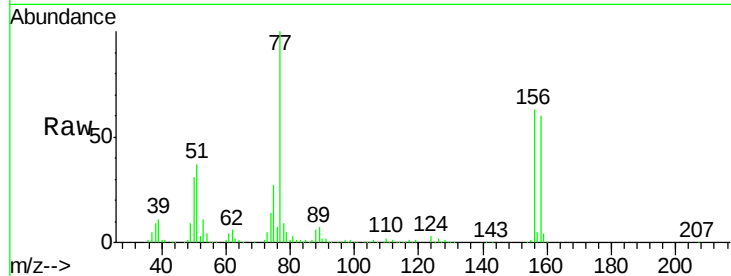
#77
Bromobenzene
Concen: 21.02 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.4	92.3	276.9
158	95.6	47.5	142.6

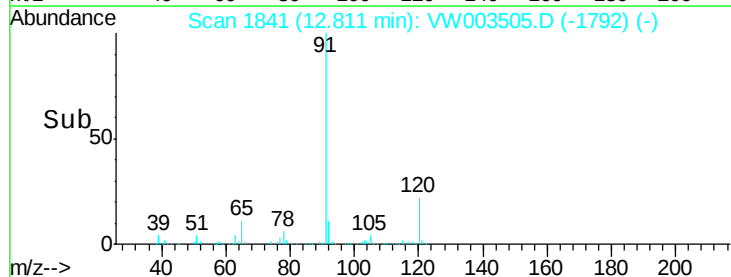
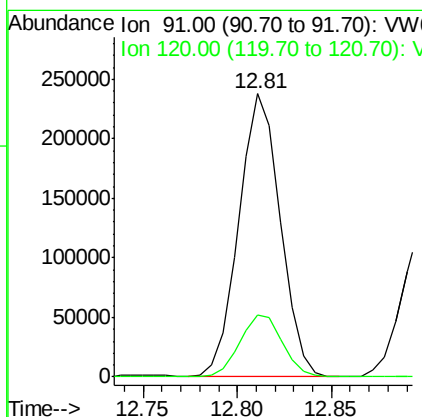
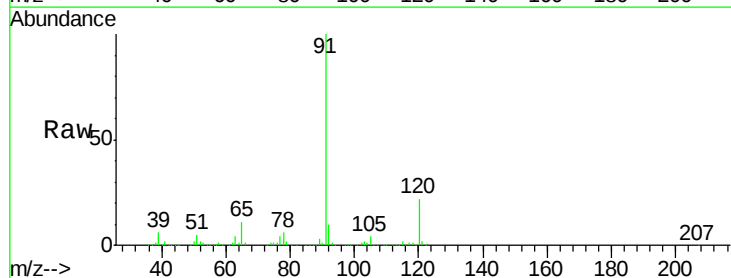
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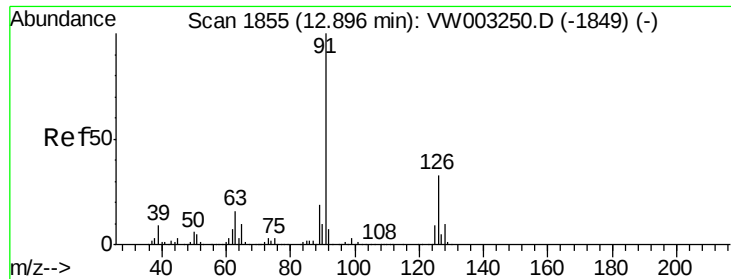
apatel
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#78
n-propylbenzene
Concen: 21.60 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





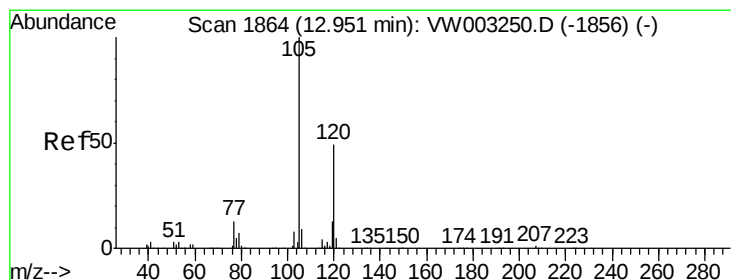
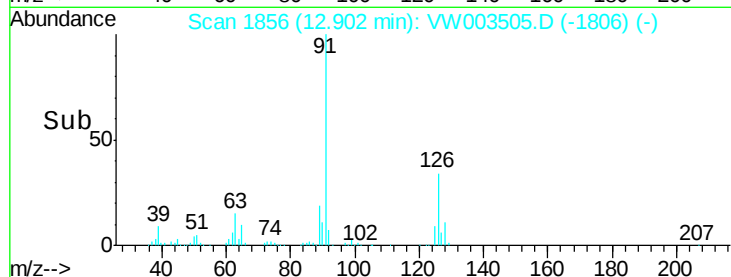
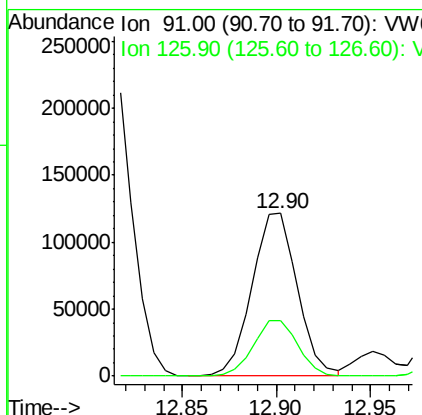
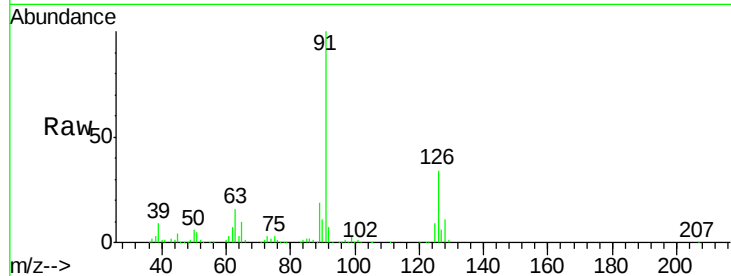
#79
2-Chlorotoluene
Concen: 21.40 ug/l
RT: 12.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion: 91 Resp: 202864
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4

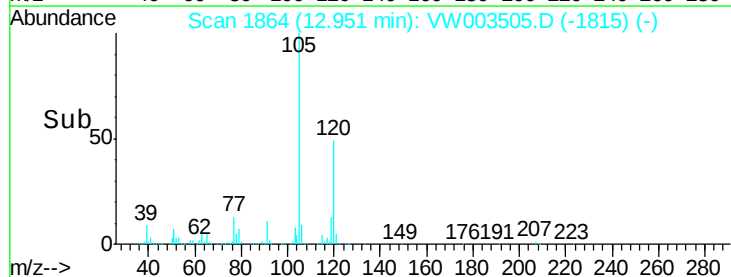
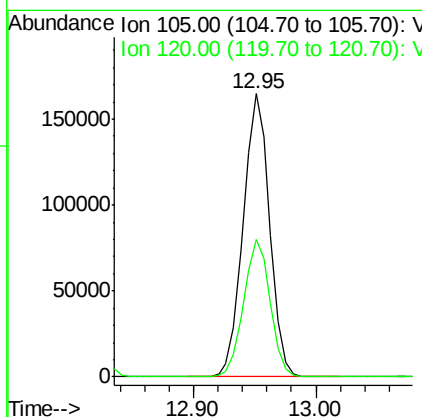
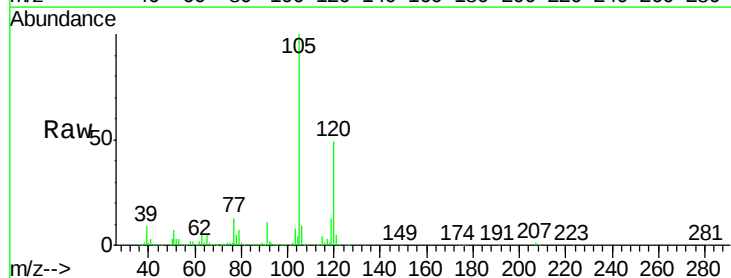
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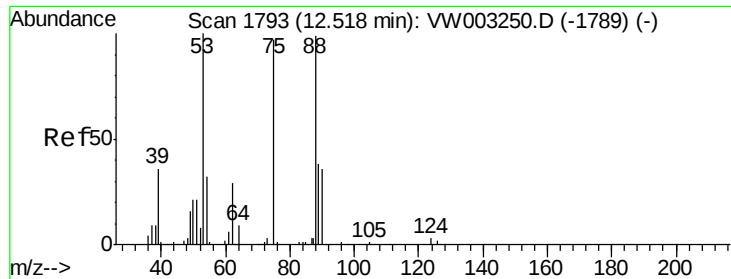
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#80
1,3,5-Trimethylbenzene
Concen: 21.37 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 105 Resp: 245777
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.81 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 75 Resp: 14500

Ion Ratio Lower Upper

75 100

53 106.0 82.9 124.3

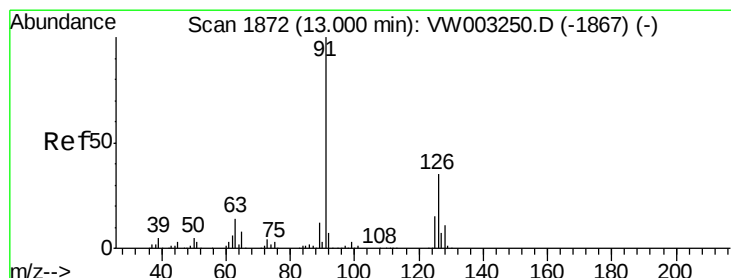
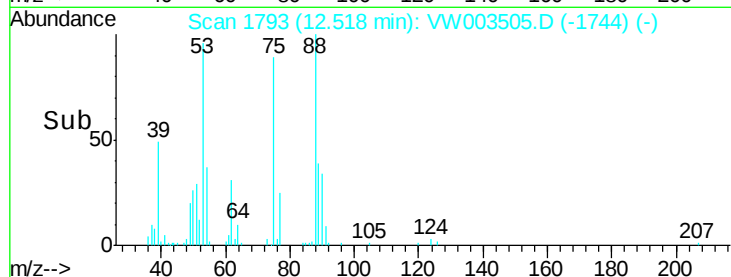
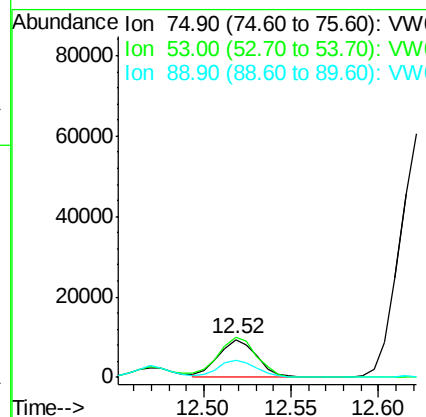
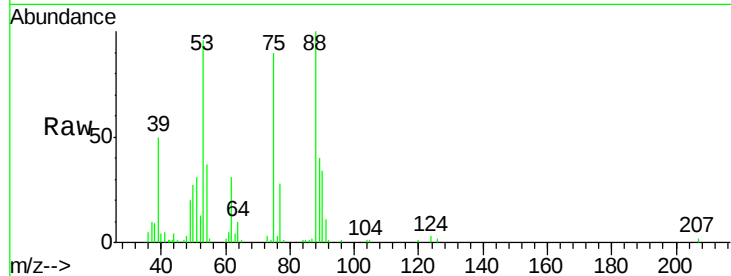
89 45.8 36.7 55.1

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#82

4-Chlorotoluene

Concen: 21.55 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003505.D

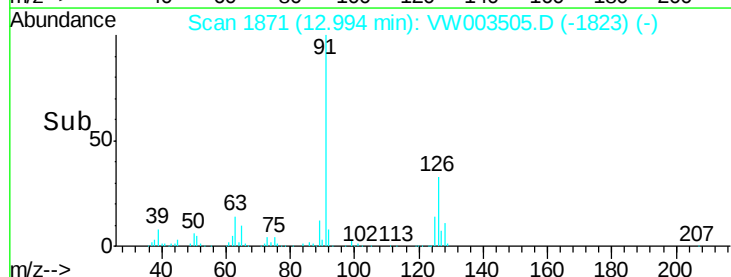
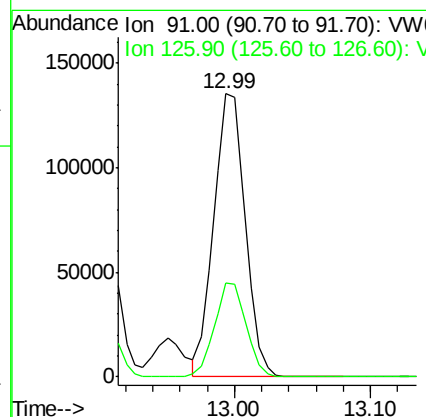
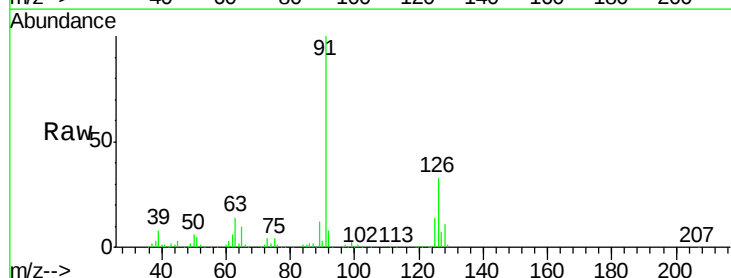
Acq: 24 Jun 2018 12:54

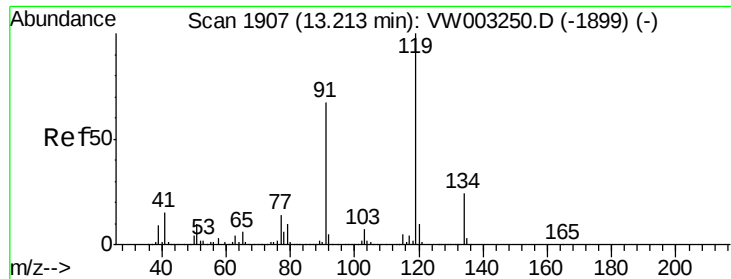
Tgt Ion: 91 Resp: 216736

Ion Ratio Lower Upper

91 100

126 33.4 16.8 50.3





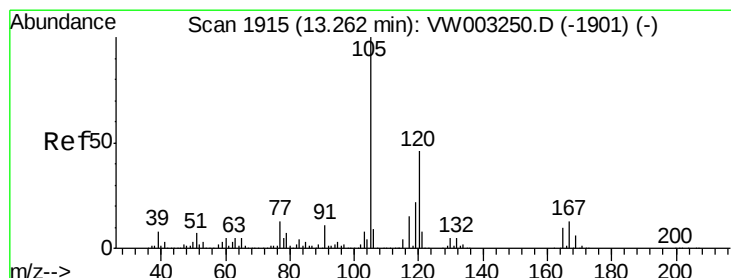
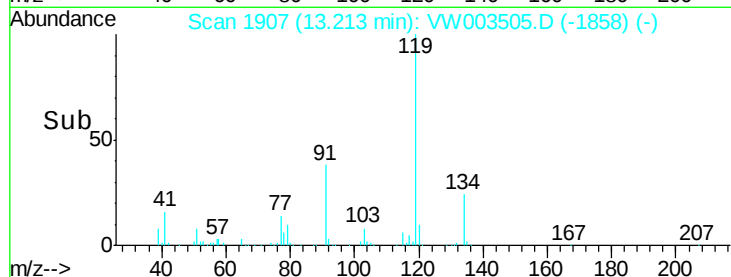
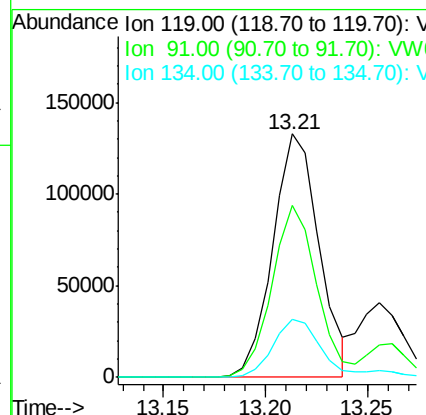
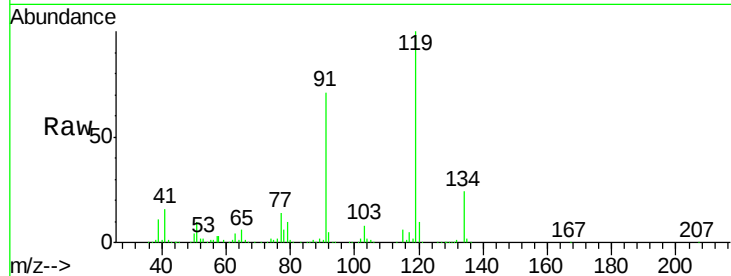
#83
tert-Butylbenzene
Concen: 21.43 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	210010		
91	69.1	33.9	101.7	
134	26.5	13.4	40.1	

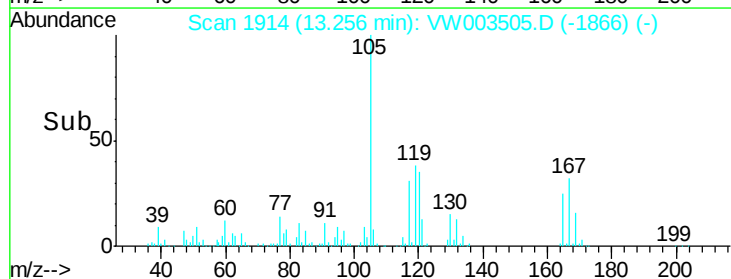
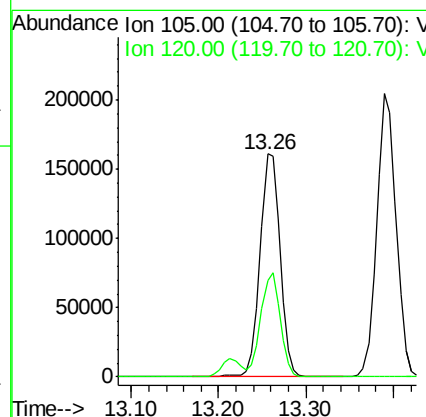
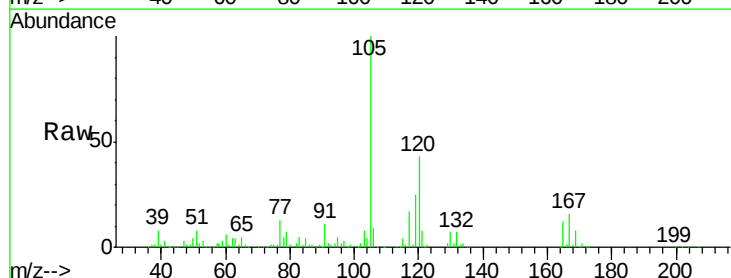
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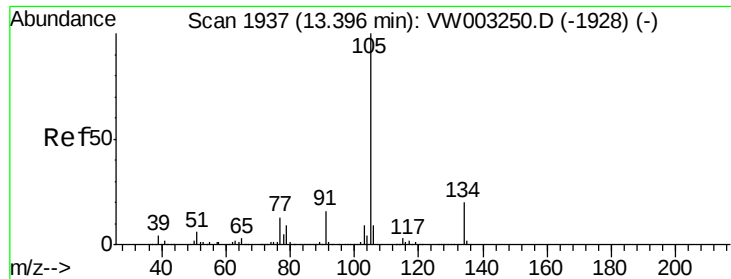
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#84
1,2,4-Trimethylbenzene
Concen: 21.62 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	255838		
120	45.2	22.5	67.5	





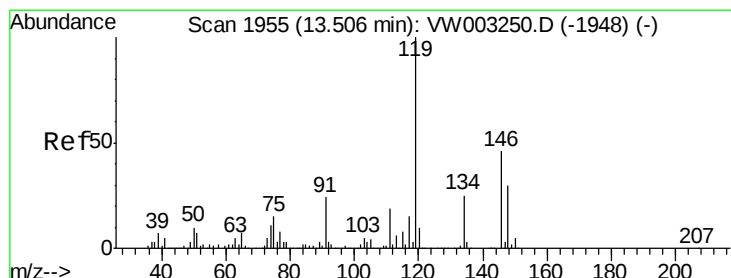
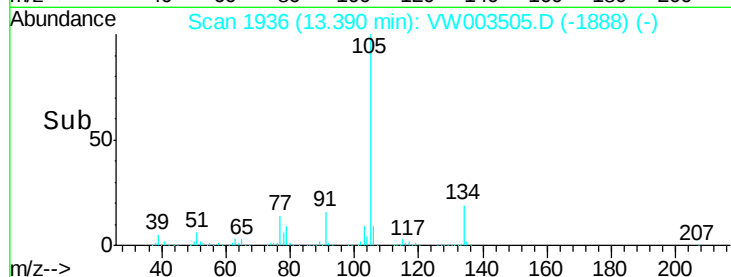
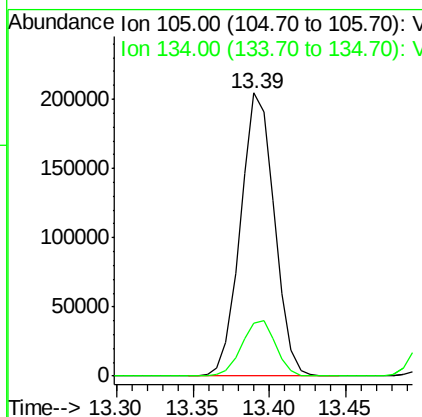
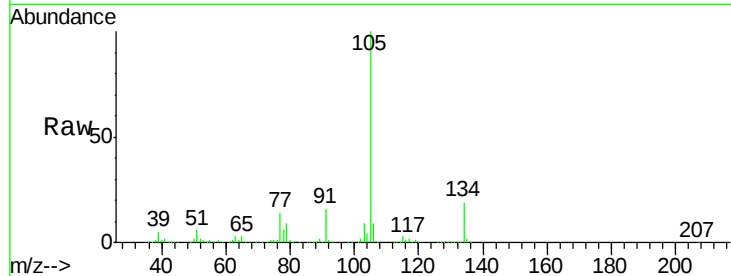
#85
 sec-Butylbenzene
 Concen: 21.55 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	313978		
134	19.8	9.8	29.5	

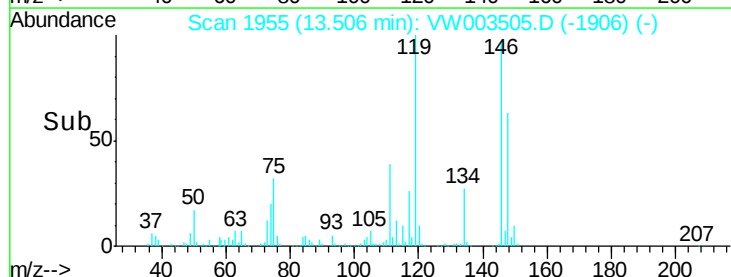
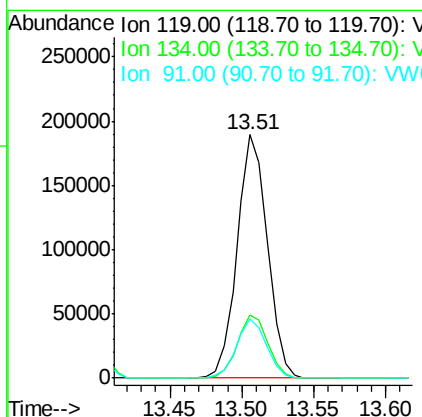
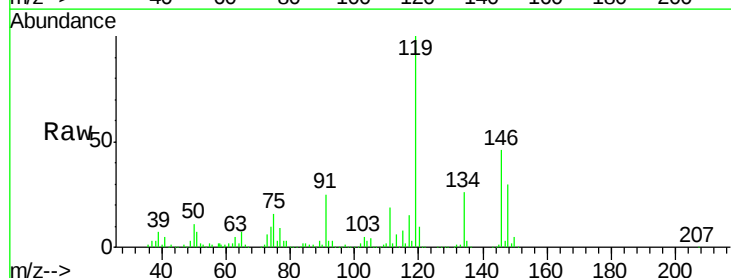
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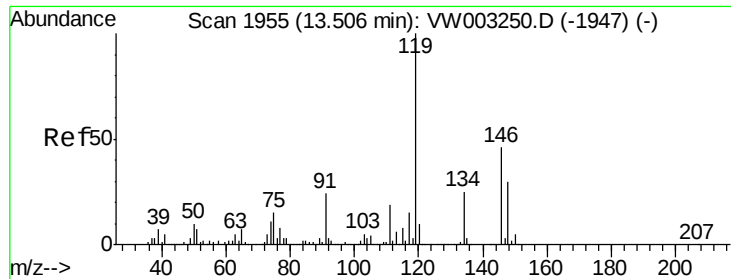
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#86
 p-Isopropyltoluene
 Concen: 21.43 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	275340		
134	26.1	12.9	38.7	
91	24.1	11.8	35.3	





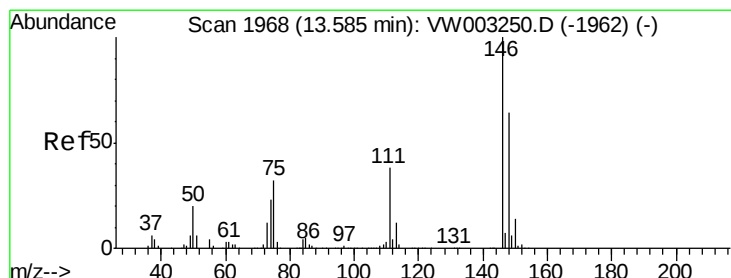
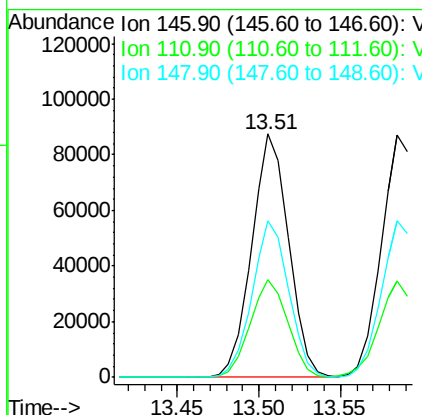
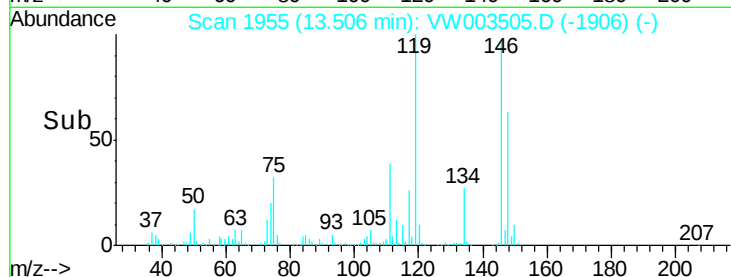
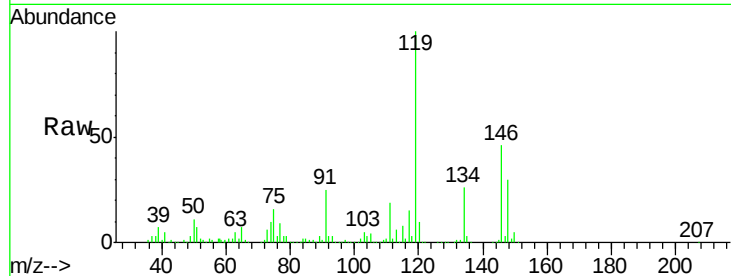
#87
 1,3-Dichlorobenzene
 Concen: 21.04 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	137935		
111	40.8	19.8	59.4	
148	63.6	32.1	96.5	

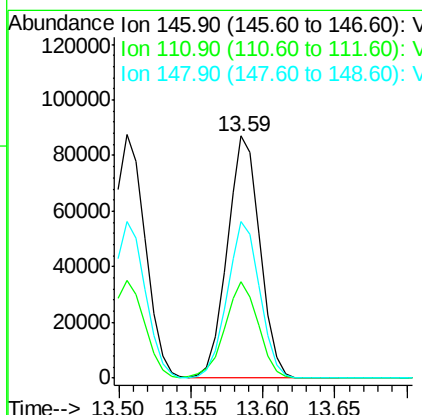
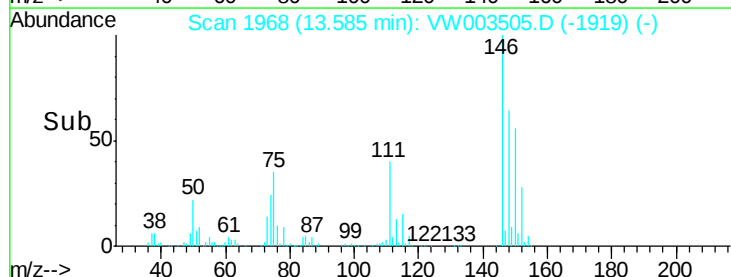
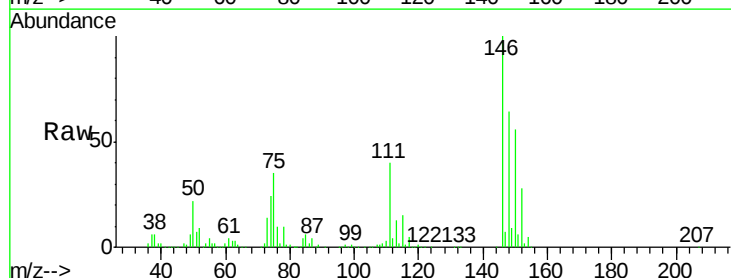
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#88
 1,4-Dichlorobenzene
 Concen: 21.20 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	138172		
111	40.4	19.2	57.6	
148	64.5	31.8	95.4	





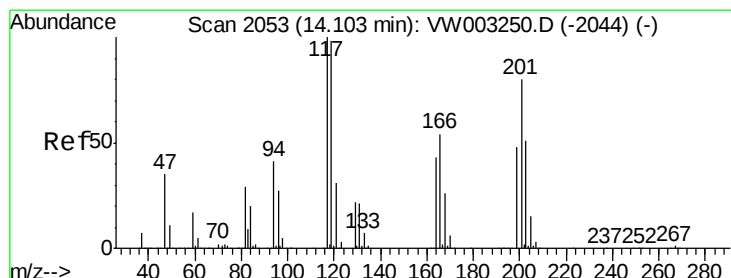
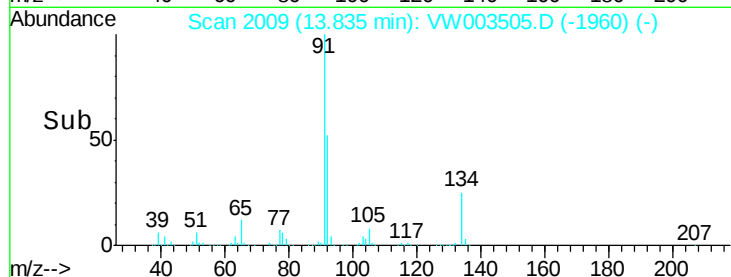
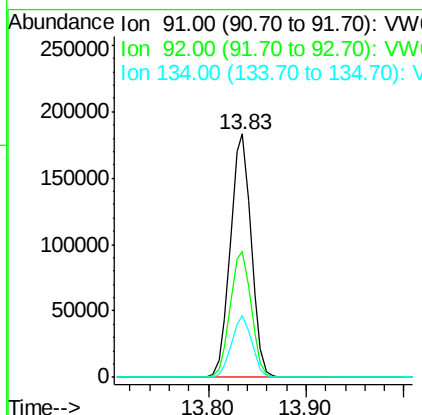
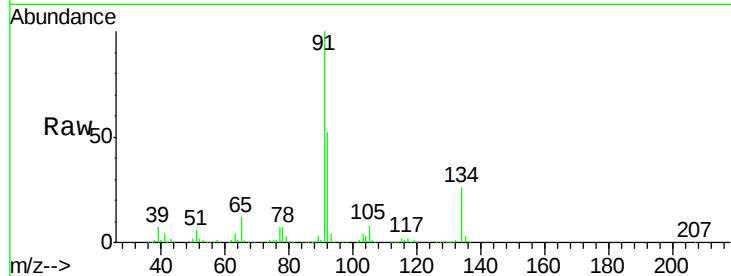
#89
n-Butylbenzene
Concen: 21.63 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	24.9	12.7	38.0

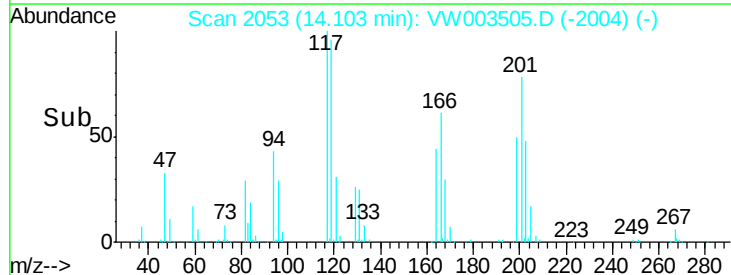
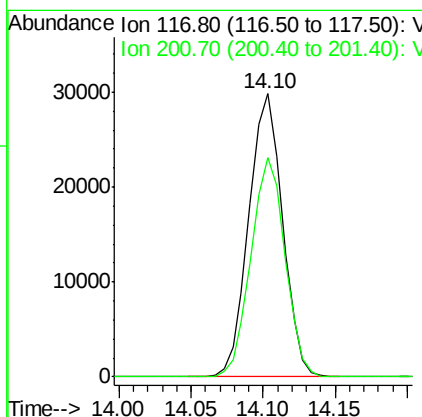
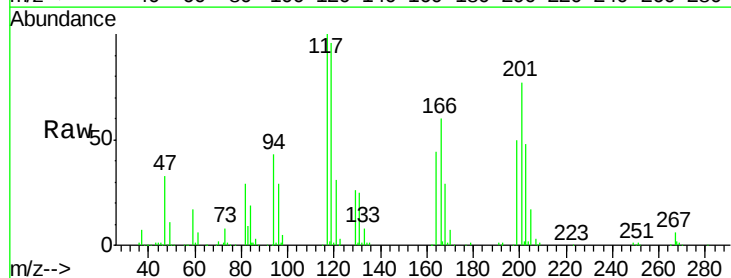
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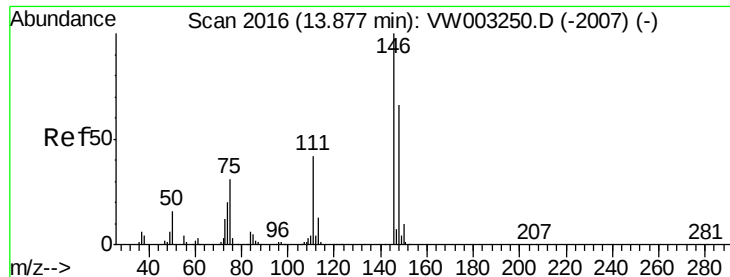
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#90
Hexachloroethane
Concen: 20.79 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 21.30 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

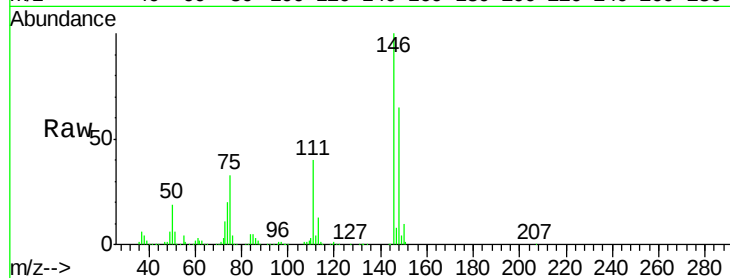
ClientSampleId :

VW0624SBSD01

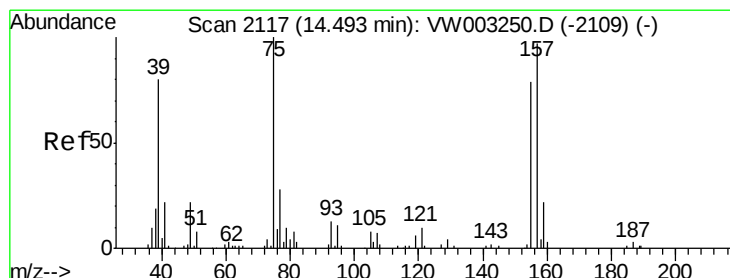
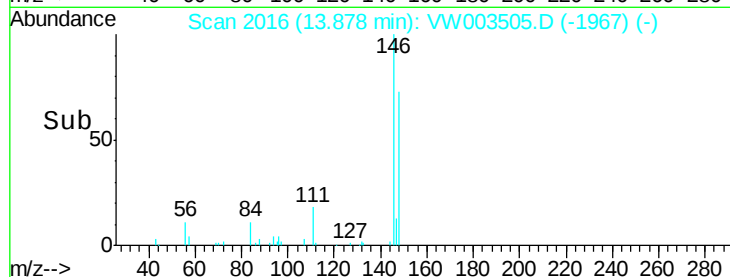
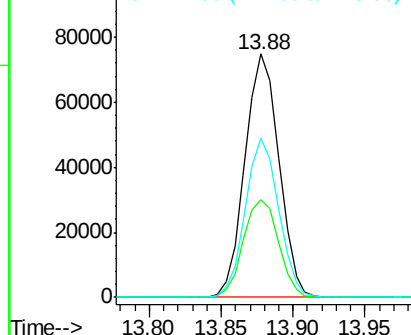
Tot Ion:	146	Resp:	122340
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.3	61.0
148	64.1	32.3	96.9

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.34 ug/l

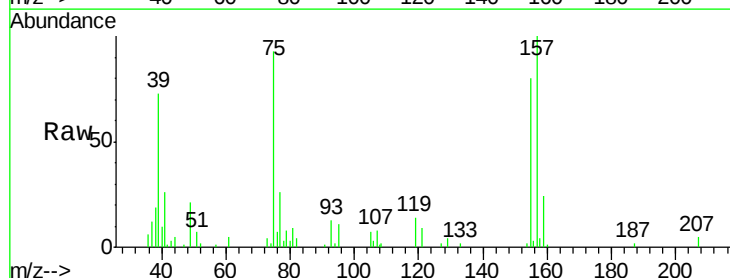
RT: 14.50 min Scan# 2118

Delta R.T. 0.01 min

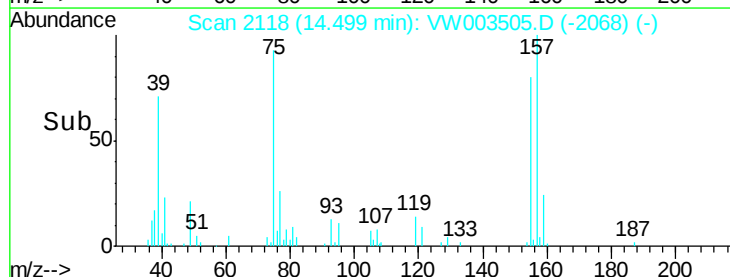
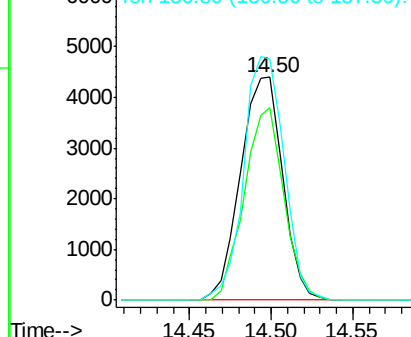
Lab File: VW003505.D

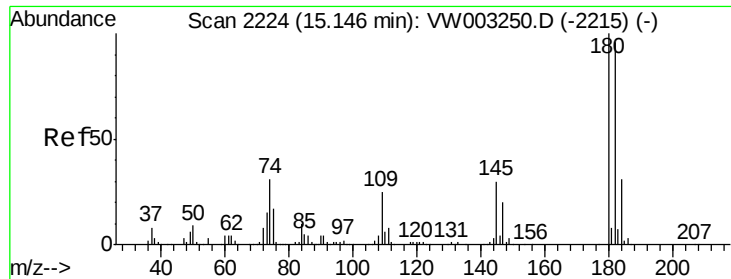
Acq: 24 Jun 2018 12:54

Tgt Ion:	75	Resp:	7934
Ion Ratio	Lower	Upper	
75	100		
155	80.8	39.4	118.2
157	104.3	51.5	154.5



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





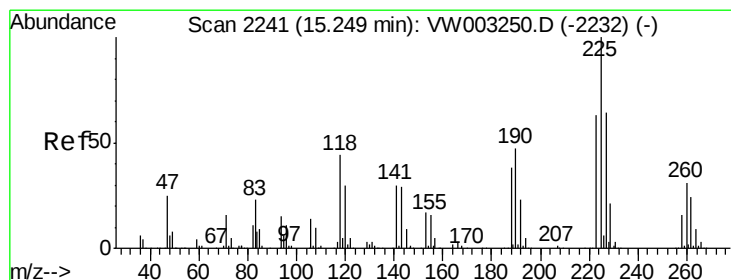
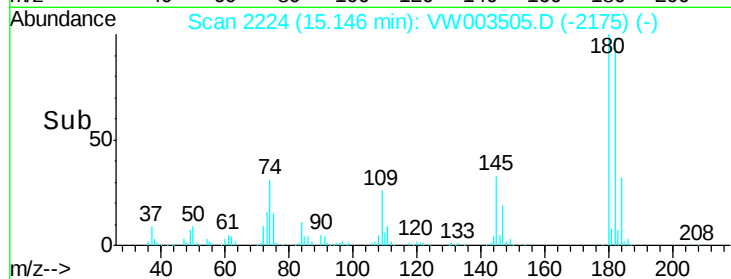
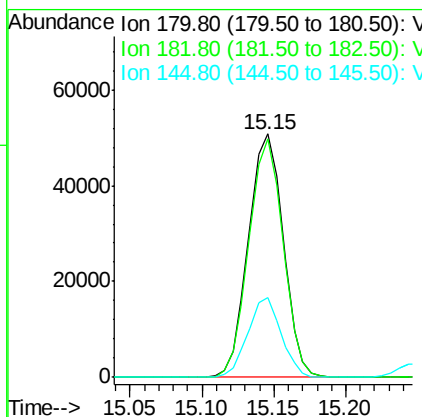
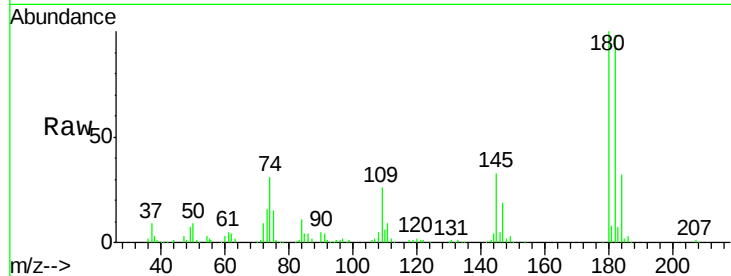
#93
 1,2,4-Trichlorobenzene
 Concen: 21.10 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	31.4	15.2	45.5

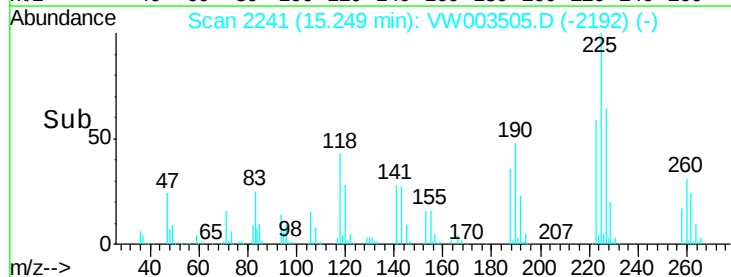
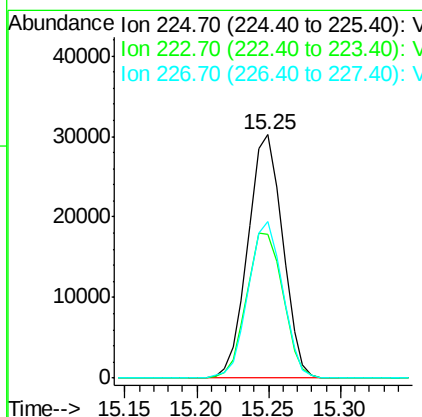
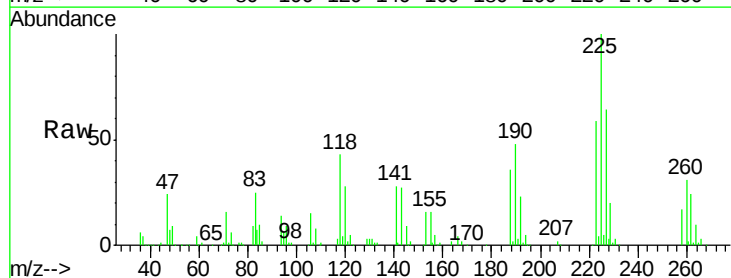
Manual Integrations
 APPROVED

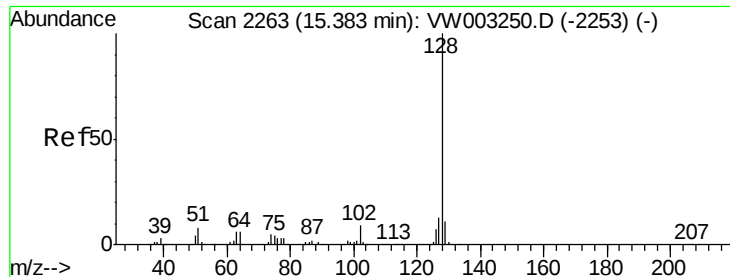
apatel
 6/26/2018 12:28:27 PM



#94
 Hexachlorobutadiene
 Concen: 20.85 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.6	92.0
227	63.2	31.7	95.1





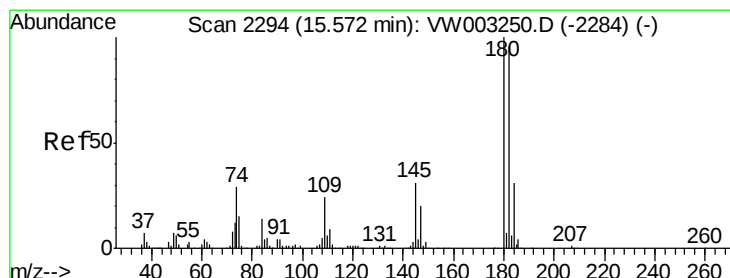
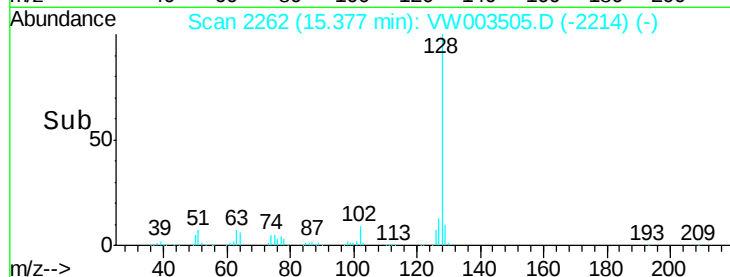
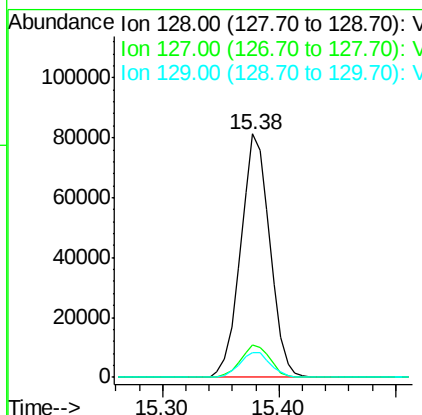
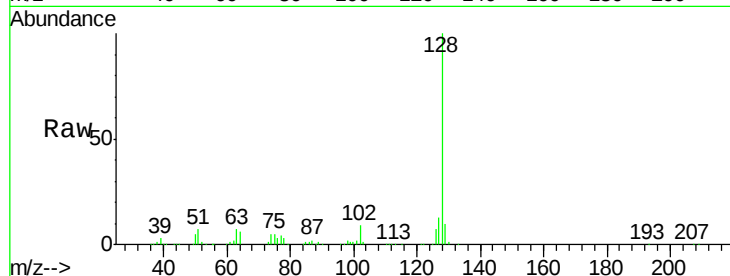
#95
Naphthalene
Concen: 20.72 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
APPROVED

apatel
6/26/2018 12:28:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.14 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.6
145	30.6	15.8	47.4

