

Data File : VW003247.D
Acq On : 13 Jun 2018 16:06
Operator : VA/AP
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

apatel
6/14/2018 9:55:43 AM

Quant Time: Jun 14 08:05:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	386377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	14419	5.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.84%	
35) Dibromofluoromethane	7.89	113	12869	5.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.26%	
50) Toluene-d8	10.33	98	47450	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
62) 4-Bromofluorobenzene	12.63	95	16754	4.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	4867	6.224	ug/l	92
3) Chloromethane	2.21	50	12045	5.834	ug/l	89
4) Vinyl Chloride	2.36	62	17093	5.355	ug/l	99
5) Bromomethane	2.78	94	11494	4.976	ug/l	97
6) Chloroethane	2.93	64	11437	4.740	ug/l	98
7) Trichlorofluoromethane	3.26	101	9848	5.511	ug/l	96
8) Diethyl Ether	3.67	74	7274	5.140	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13294	5.524	ug/l #	84
10) Methyl Iodide	4.26	142	20282	5.137	ug/l	95
11) Tert butyl alcohol	5.27	59	3624m	20.814	ug/l	
12) 1,1-Dichloroethene	4.03	96	13318	5.495	ug/l	84
13) Acrolein	3.90	56	6106	33.615	ug/l	96
14) Allyl chloride	4.67	41	21924	5.454	ug/l	97
15) Acrylonitrile	5.39	53	13334	24.349	ug/l	98
16) Acetone	4.15	43	18386	34.626	ug/l	98
17) Carbon Disulfide	4.37	76	41059	5.616	ug/l	97
18) Methyl Acetate	4.68	43	9168	6.707	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	23282	5.107	ug/l	93
20) Methylene Chloride	4.91	84	20794	7.741	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	13970	5.291	ug/l	89
22) Diisopropyl ether	6.32	45	41306	5.040	ug/l	97
23) Vinyl Acetate	6.26	43	106482	22.072	ug/l	100
24) 1,1-Dichloroethane	6.22	63	26601	5.507	ug/l	97
25) 2-Butanone	7.19	43	18074	24.816	ug/l	90
26) 2,2-Dichloropropane	7.17	77	18807	6.315	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	15200	5.241	ug/l	97
28) Bromochloromethane	7.51	49	10211	5.239	ug/l	99
29) Tetrahydrofuran	7.54	42	10865	23.132	ug/l	97
30) Chloroform	7.68	83	26559	5.350	ug/l	100
31) Cyclohexane	7.96	56	28510	6.251	ug/l #	83
32) 1,1,1-Trichloroethane	7.88	97	22395	5.569	ug/l	98
36) 1,1-Dichloropropene	8.08	75	20581	5.157	ug/l	98
37) Ethyl Acetate	7.27	43	8223	4.688	ug/l #	95
38) Carbon Tetrachloride	8.07	117	19779	5.077	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22812	4.825	ug/l	96
40) Benzene	8.33	78	58509	5.235	ug/l	98
41) Methacrylonitrile	7.50	41	4510	4.483	ug/l	95
42) 1,2-Dichloroethane	8.40	62	18576	5.346	ug/l	97
43) Isopropyl Acetate	8.43	43	16040	4.729	ug/l	98
44) Trichloroethene	9.09	130	15564	5.175	ug/l	93
45) 1,2-Dichloropropane	9.38	63	15001	5.346	ug/l	95
46) Dibromomethane	9.46	93	7461	4.975	ug/l	97
47) Bromodichloromethane	9.65	83	18813	5.137	ug/l	99
48) Methyl methacrylate	9.45	41	6826	4.234	ug/l	94
49) 1,4-Dioxane	9.49	88	1902	81.831	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	38206	22.163	ug/l	97
52) Toluene	10.40	92	35887	5.005	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	18587	4.928	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	21158	4.932	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	10520	5.076	ug/l	93
56) Ethyl methacrylate	10.65	69	10287	4.005	ug/l	96
57) 1,3-Dichloropropane	10.94	76	17463	4.878	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	25413	21.691	ug/l	98
59) 2-Hexanone	10.98	43	25264	21.536	ug/l	93
60) Dibromochloromethane	11.13	129	11583	4.648	ug/l	98
61) 1,2-Dibromoethane	11.24	107	9693	4.854	ug/l	98
64) Tetrachloroethene	10.87	164	13496	4.932	ug/l	97
65) Chlorobenzene	11.66	112	41509	5.225	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	13716	4.949	ug/l	99
67) Ethyl Benzene	11.74	91	68579	4.881	ug/l	97
68) m/p-Xylenes	11.85	106	51533	9.594	ug/l	97
69) o-Xylene	12.17	106	22883	4.518	ug/l	97
70) Styrene	12.19	104	36678	4.337	ug/l	97
71) Bromoform	12.35	173	6580	4.443	ug/l #	98
73) Isopropylbenzene	12.48	105	64328	4.612	ug/l	99
74) N-amyl acetate	12.28	43	13321	4.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	11594	4.880	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8779m	4.913	ug/l	
77) Bromobenzene	12.75	156	16236	4.938	ug/l	99
78) n-propylbenzene	12.81	91	79168	4.754	ug/l	98
79) 2-Chlorotoluene	12.90	91	46566	4.921	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	53885	4.633	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3237	4.595	ug/l	96
82) 4-Chlorotoluene	13.00	91	49986	4.948	ug/l	100
83) tert-Butylbenzene	13.21	119	46892	4.580	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	56741	4.723	ug/l	98
85) sec-Butylbenzene	13.40	105	70309	4.835	ug/l	98
86) p-Isopropyltoluene	13.51	119	60648	4.664	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	34043	5.143	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	35443	5.361	ug/l	94
89) n-Butylbenzene	13.83	91	60838	4.945	ug/l	98
90) Hexachloroethane	14.10	117	11217	4.857	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	29808	5.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1737	4.257	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061318\
Quantitation Report (QT Reviewed)

Data File : VW003247.D
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Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
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Instrument :
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ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	19934	4.750	ug/l	99
94) Hexachlorobutadiene	15.25	225	12189	4.957	ug/l	94
95) Naphthalene	15.38	128	30685	4.134	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	18038	4.884	ug/l	97

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

Data File : VW003247.D

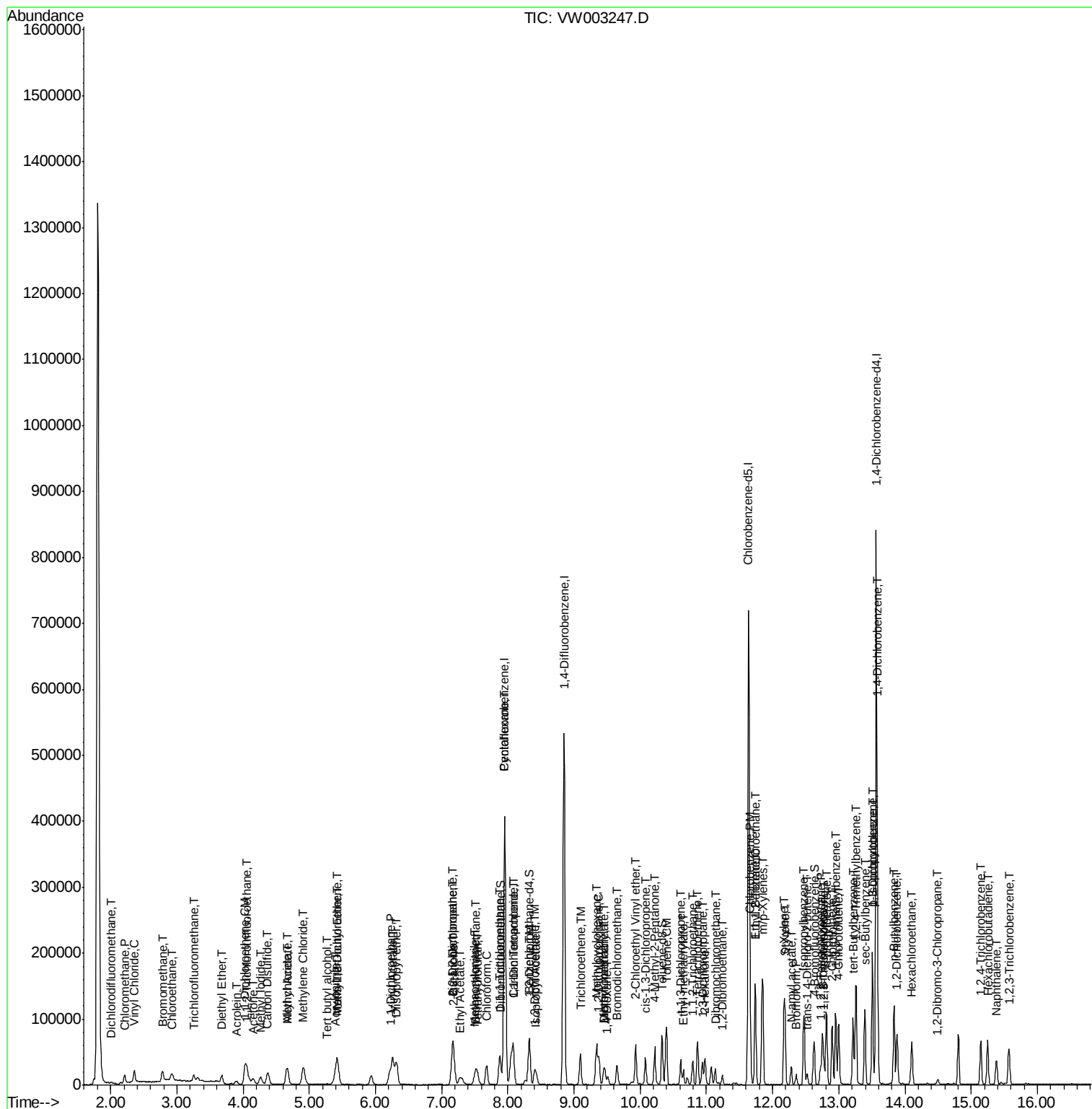
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Acq On      : 13 Jun 2018   16:06
Operator    : VA/AP
Sample      : VSTDIC005
Misc        : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial    : 4      Sample Multiplier: 1
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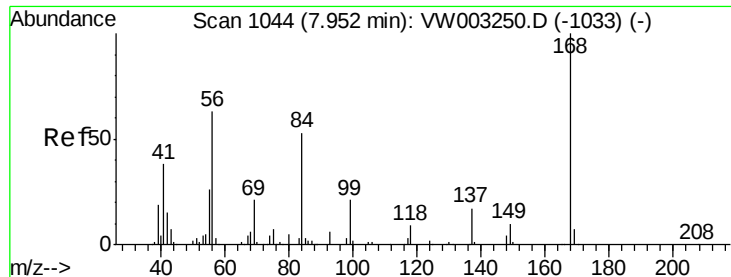
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations APPROVED

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Quant Time: Jun 14 08:05:57 2018
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Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:168 Resp: 269266

Ion Ratio Lower Upper

168 100

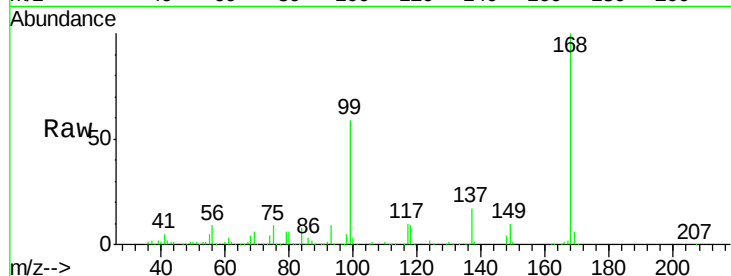
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Manual Integrations

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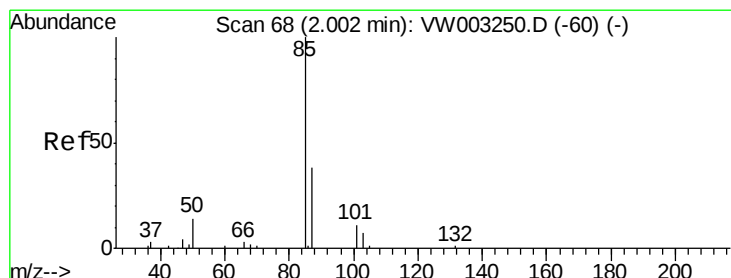
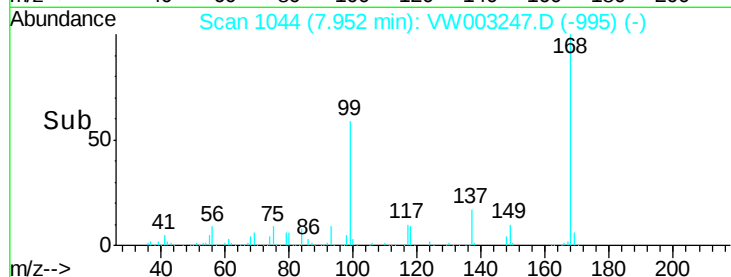
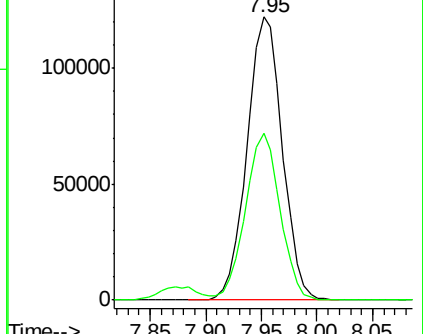
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 6.224 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003247.D

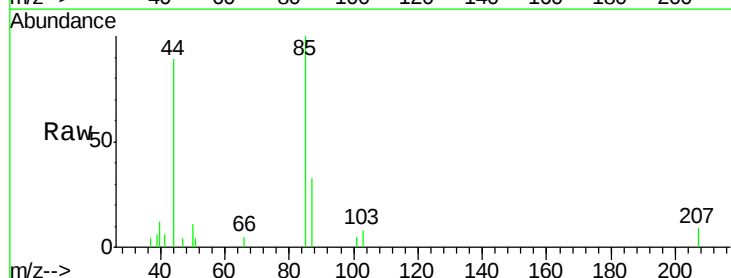
Acq: 13 Jun 2018 16:06

Tgt Ion: 85 Resp: 4867

Ion Ratio Lower Upper

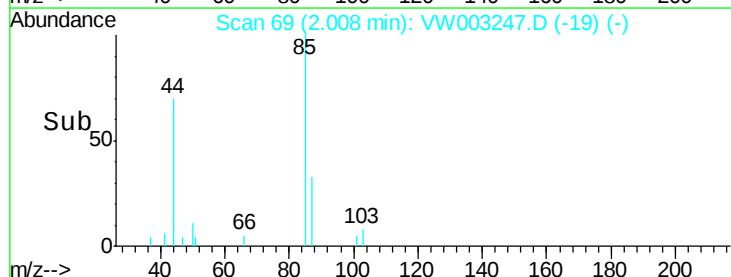
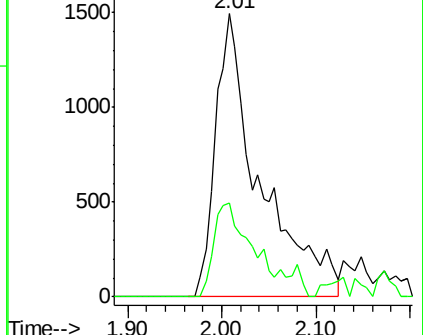
85 100

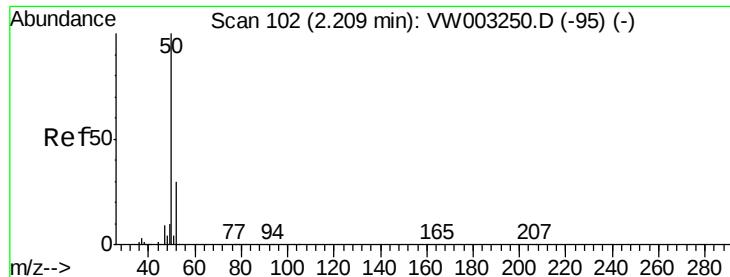
87 33.1 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 5.834 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 12045

Ion Ratio Lower Upper

50 100

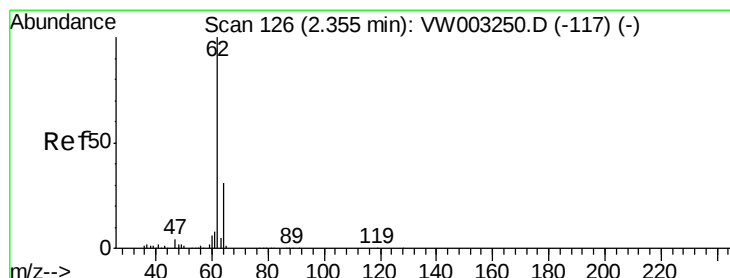
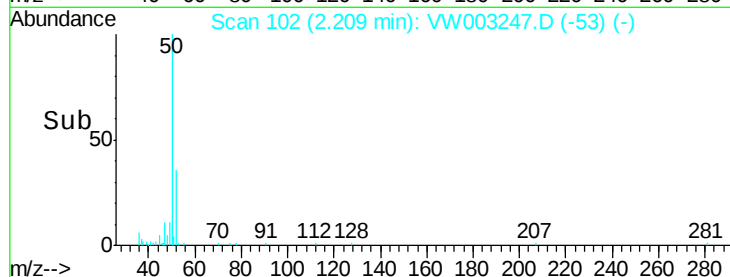
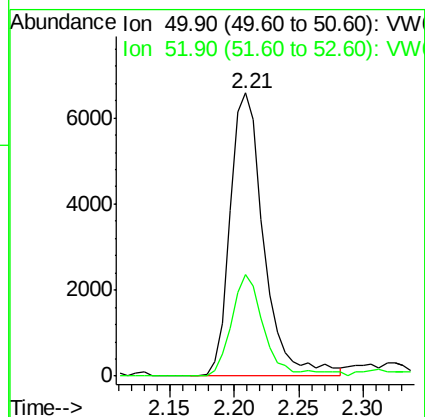
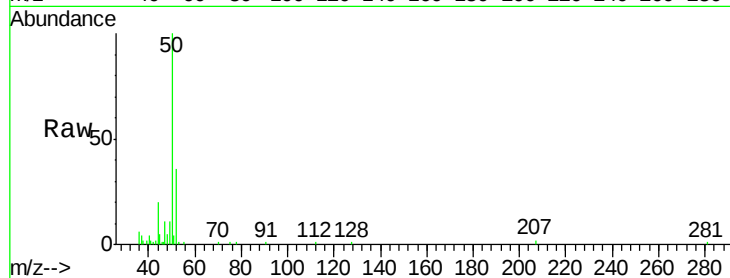
52 36.0 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.355 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003247.D

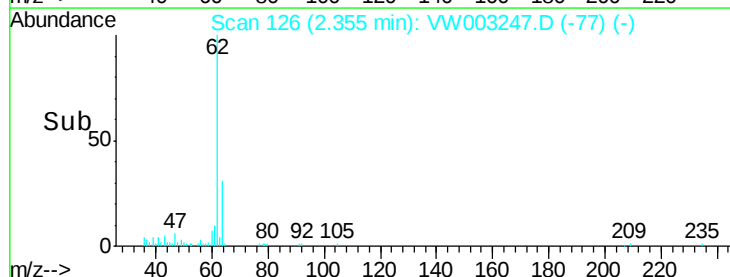
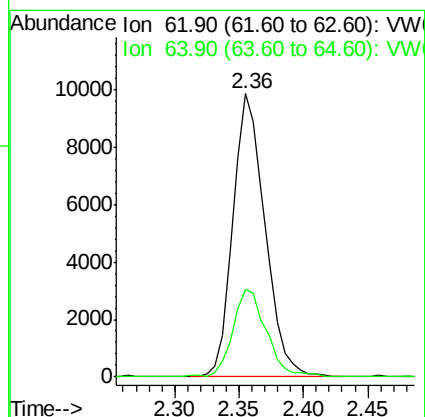
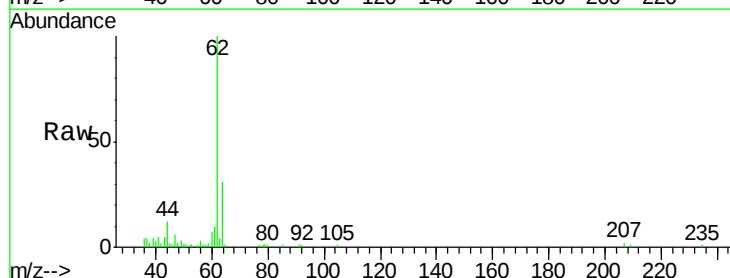
Acq: 13 Jun 2018 16:06

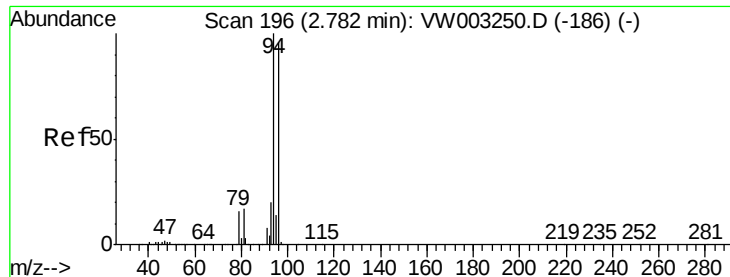
Tgt Ion: 62 Resp: 17093

Ion Ratio Lower Upper

62 100

64 30.8 24.9 37.3





#5

Bromomethane

Concen: 4.976 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 11494

Ion Ratio Lower Upper

94 100

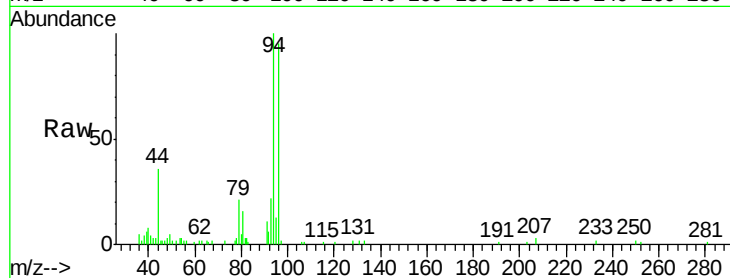
96 93.0 76.5 114.7

Manual Integrations

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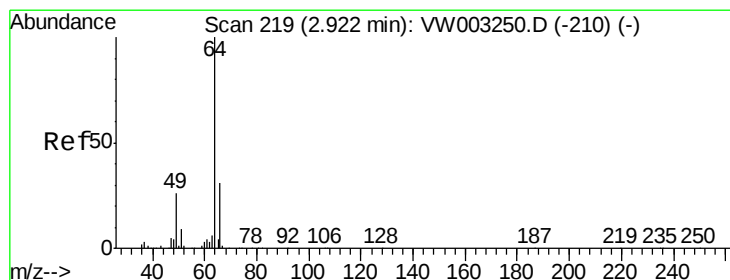
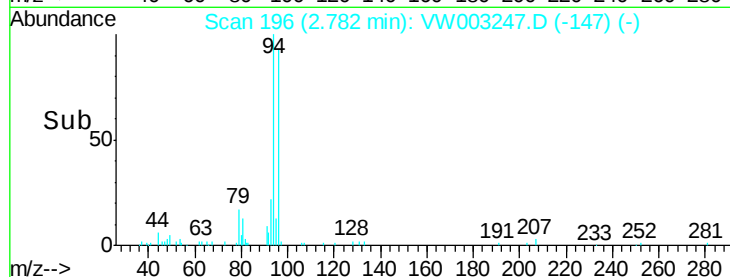
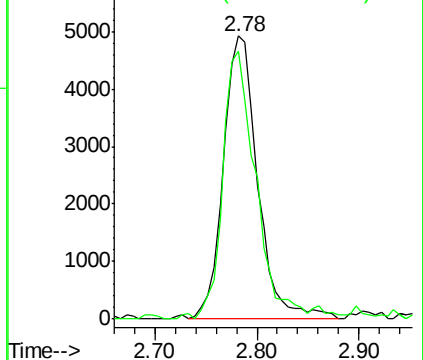
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 4.740 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003247.D

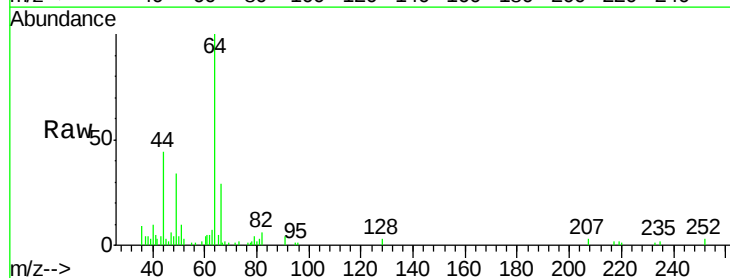
Acq: 13 Jun 2018 16:06

Tgt Ion: 64 Resp: 11437

Ion Ratio Lower Upper

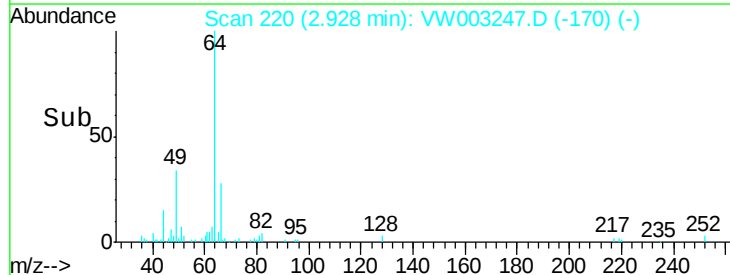
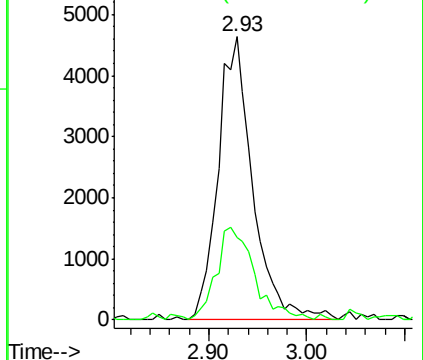
64 100

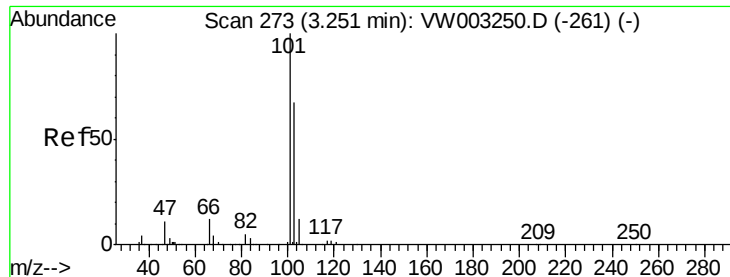
66 29.3 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

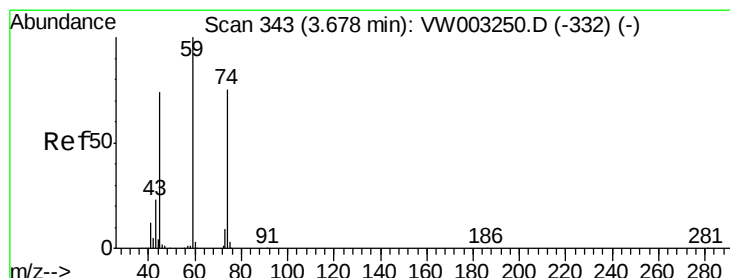
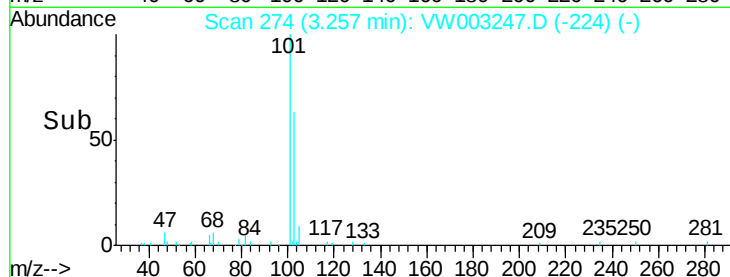
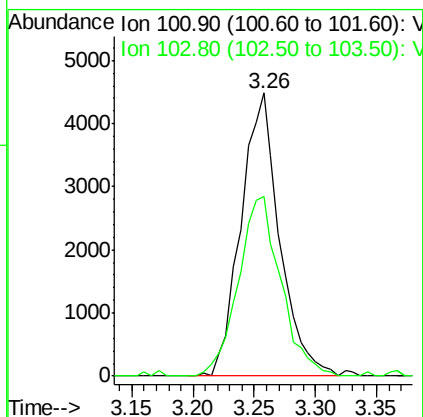
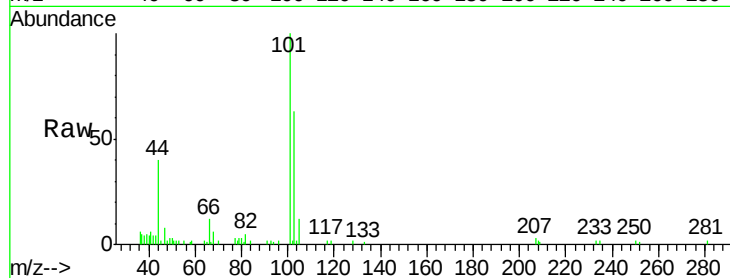
Trichlorofluoromethane
Concen: 5.511 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.3	53.4	80.0

Manual Integrations
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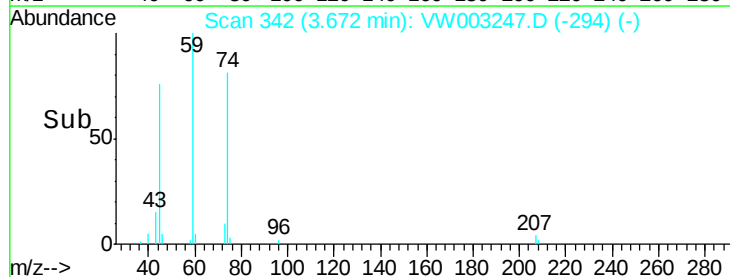
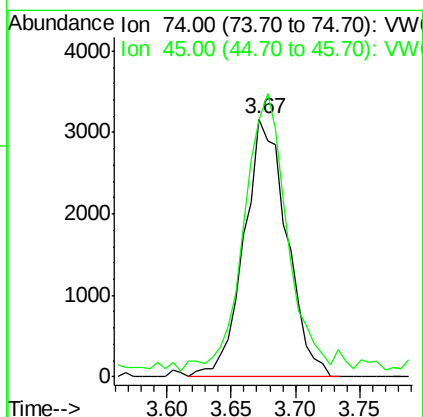
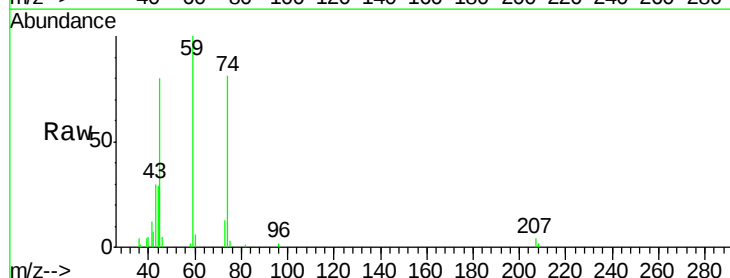
apatel
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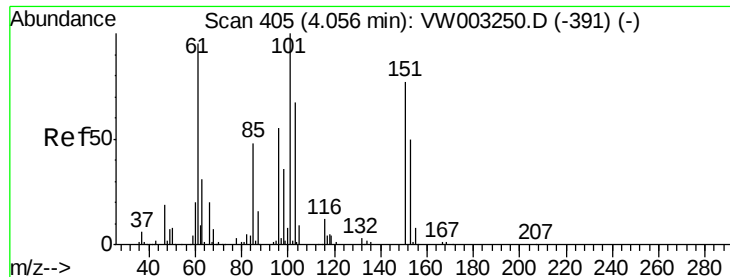


#8

Diethyl Ether
Concen: 5.140 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.0	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.524 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

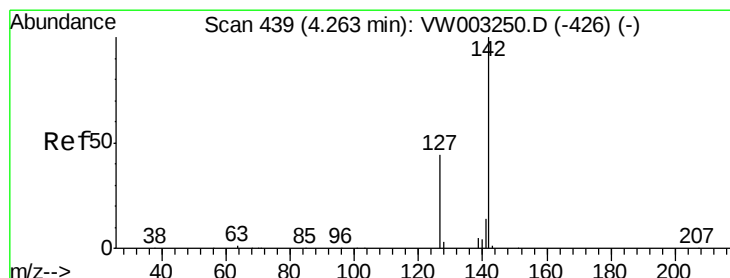
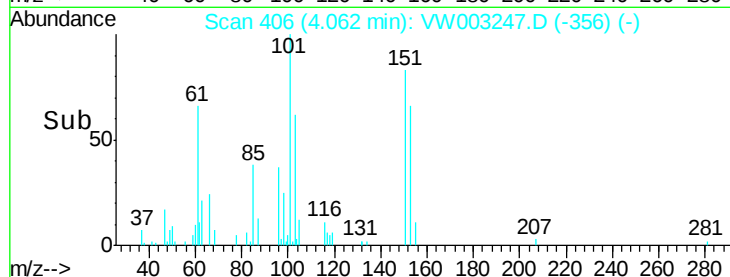
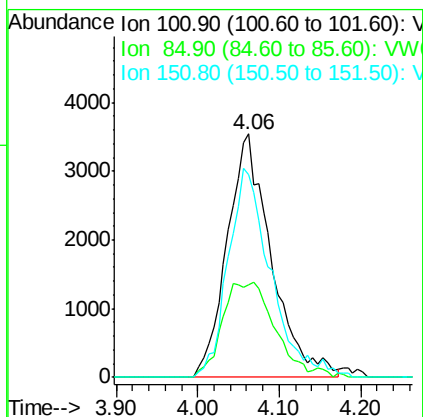
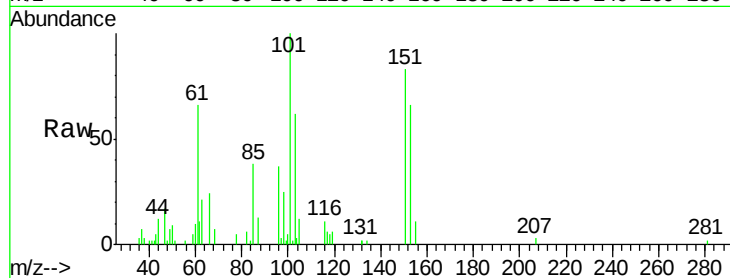
ClientSampleId :

VSTDIC005

Tgt Ion:	101	Resp:	13294
Ion Ratio	Lower	Upper	
101	100		
85	20.6	37.0	55.6#
151	80.7	63.3	94.9

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#10

Methyl Iodide

Concen: 5.137 ug/l

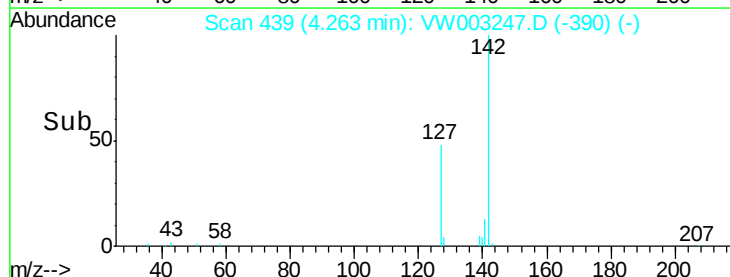
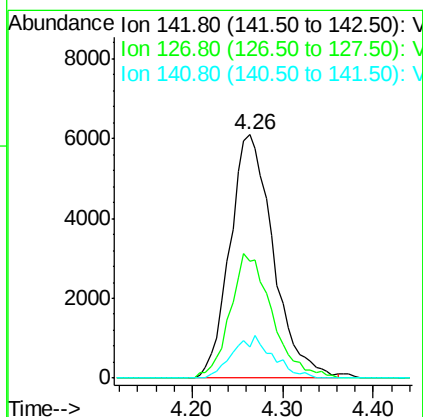
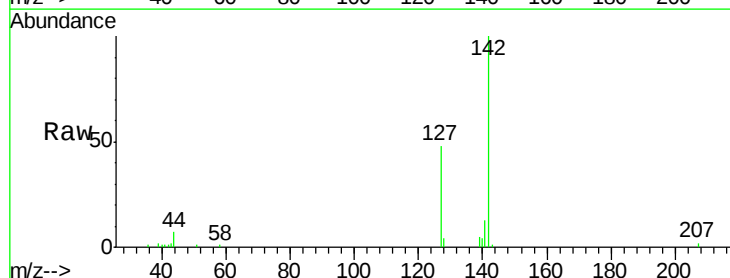
RT: 4.26 min Scan# 439

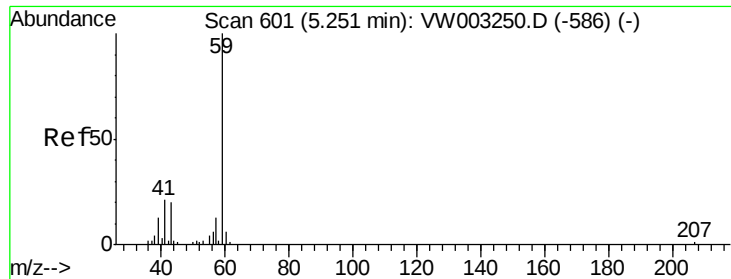
Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Tgt Ion:	142	Resp:	20282
Ion Ratio	Lower	Upper	
142	100		
127	49.0	36.5	54.7
141	16.2	12.1	18.1





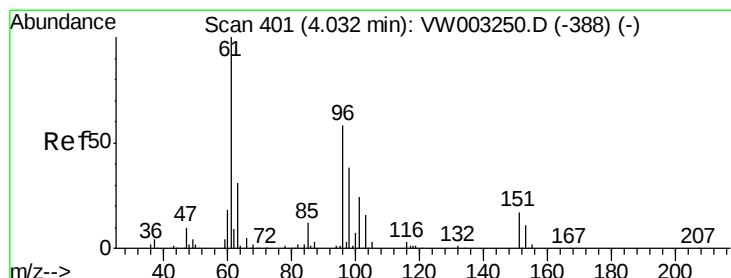
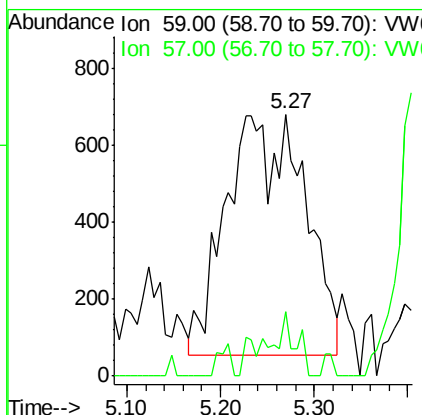
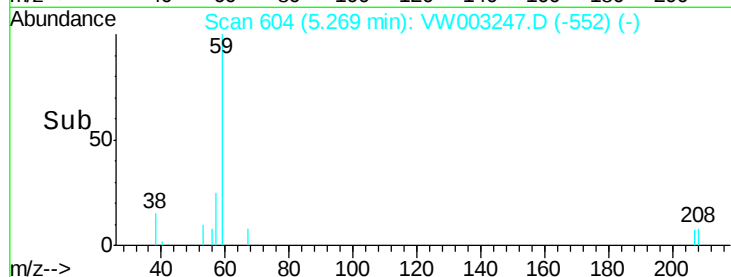
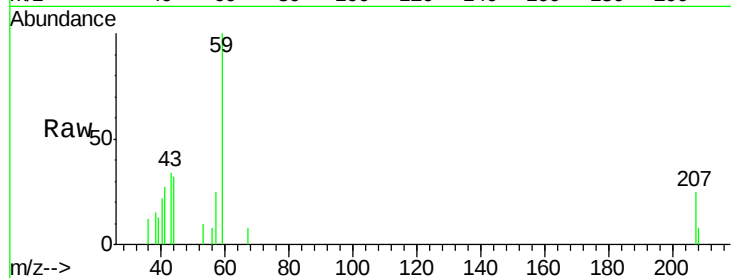
#11
Tert butyl alcohol
Concen: 20.814 ug/l m
RT: 5.27 min Scan# 604
Delta R.T. 0.02 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 3624
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

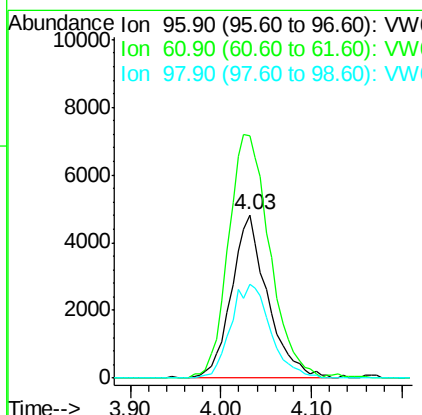
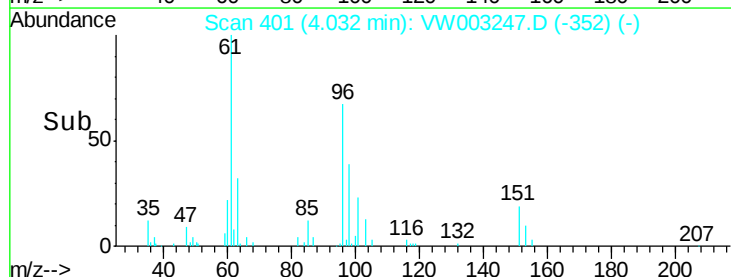
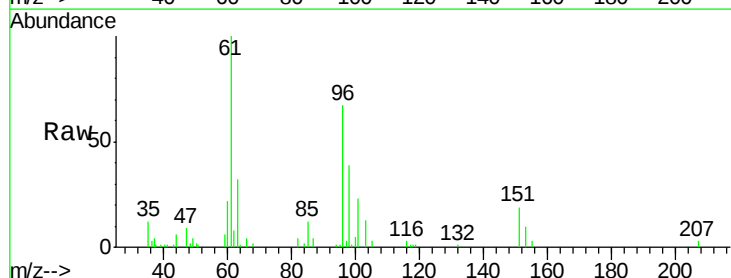
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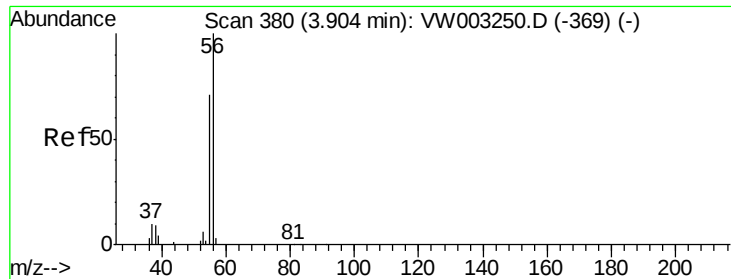
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#12
1,1-Dichloroethene
Concen: 5.495 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion: 96 Resp: 13318
Ion Ratio Lower Upper
96 100
61 148.8 139.0 208.4
98 57.9 53.3 79.9





#13

Acrolein

Concen: 33.615 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 6106

Ion Ratio Lower Upper

56 100

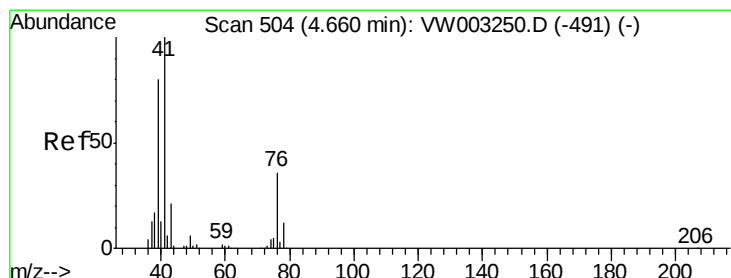
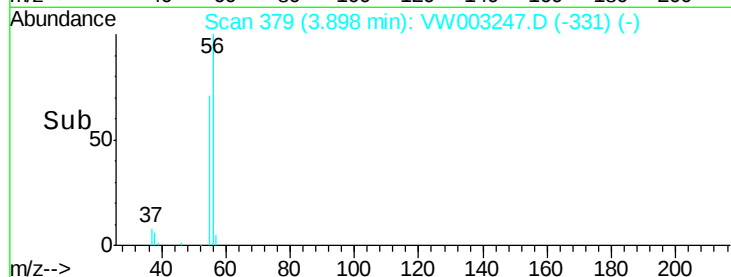
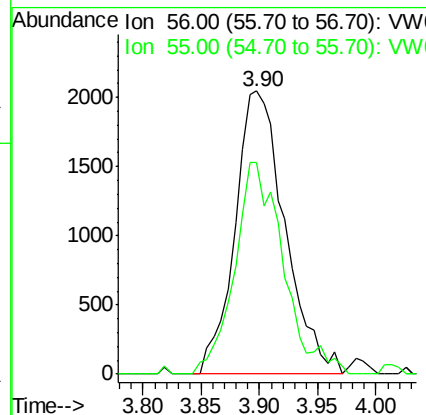
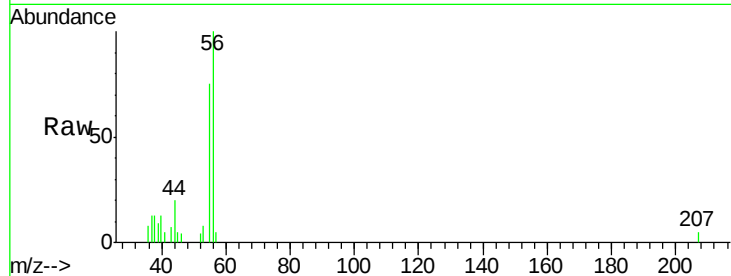
55 72.9 55.4 83.2

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#14

Allyl chloride

Concen: 5.454 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

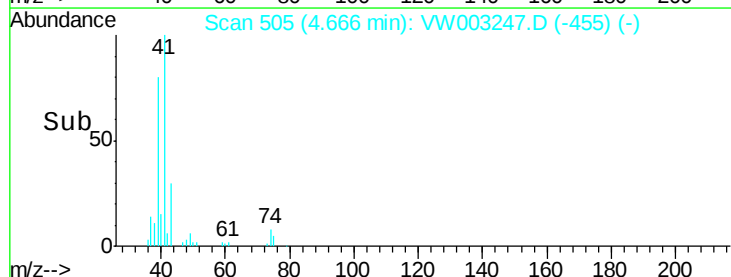
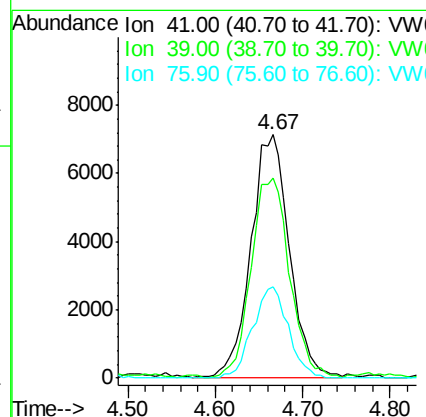
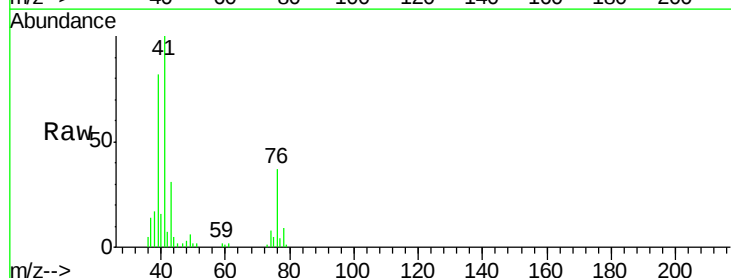
Tgt Ion: 41 Resp: 21924

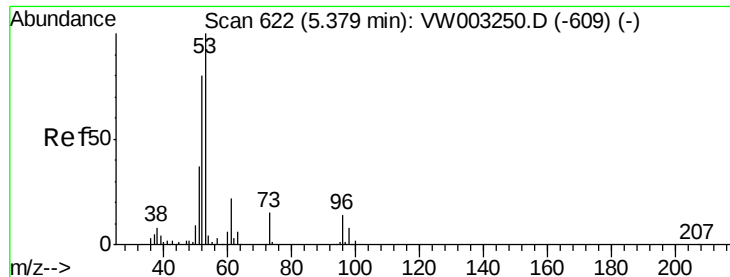
Ion Ratio Lower Upper

41 100

39 82.3 63.2 94.8

76 34.5 28.0 42.0





#15

Acrylonitrile

Concen: 24.349 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

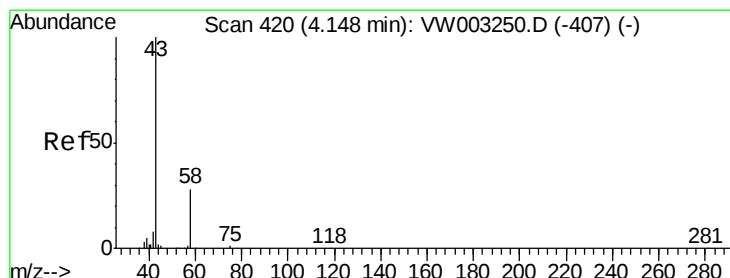
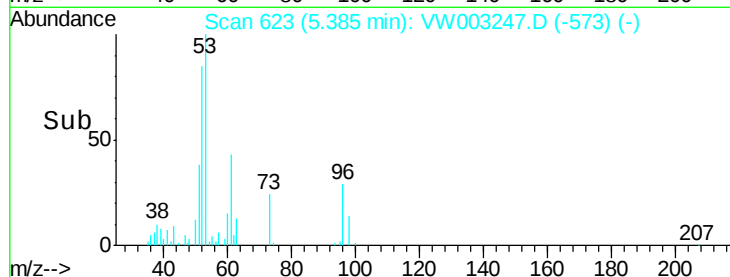
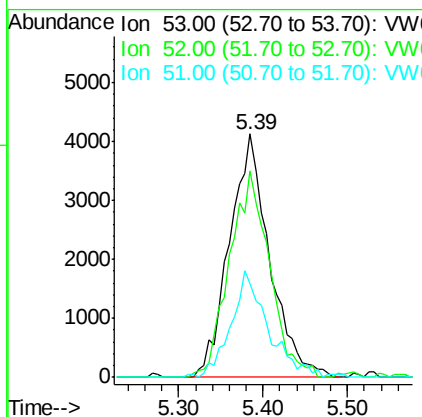
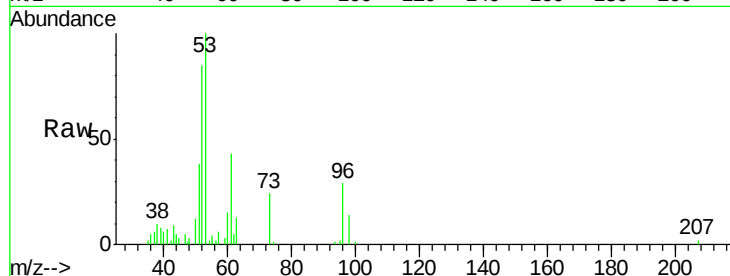
ClientSampleId :

VSTDIC005

Tgt Ion:	53	Resp:	13334
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.6	100.0
51	40.5	30.6	46.0

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#16

Acetone

Concen: 34.626 ug/l

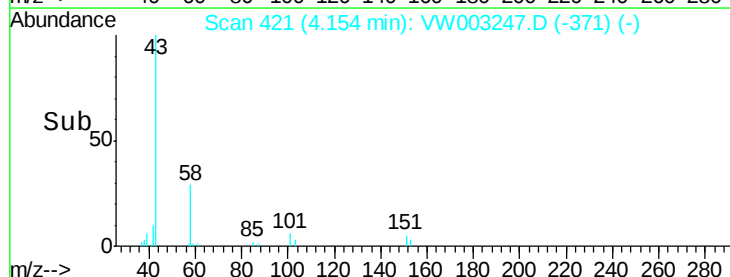
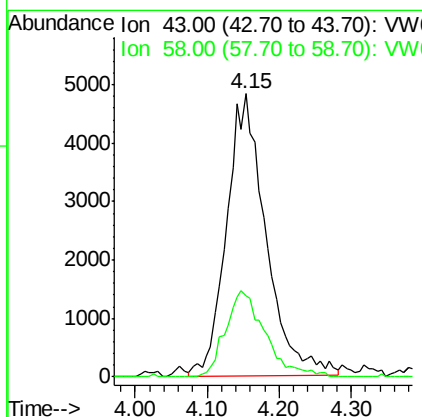
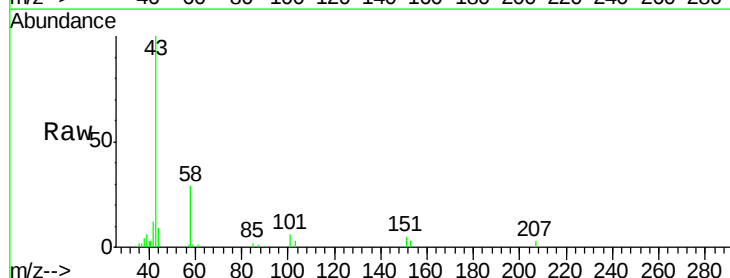
RT: 4.15 min Scan# 421

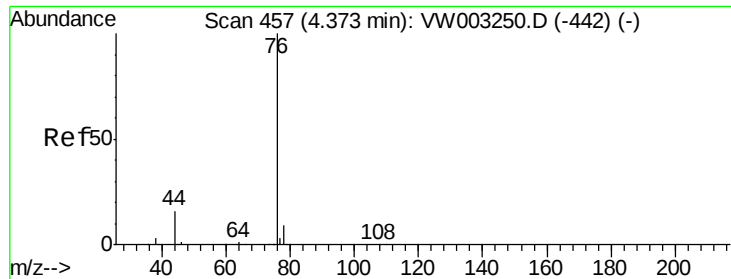
Delta R.T. 0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Tgt Ion:	43	Resp:	18386
Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.6	34.0





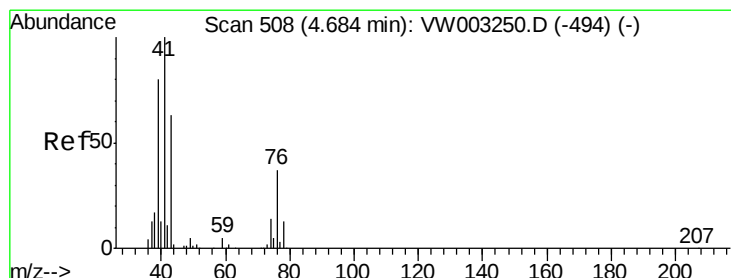
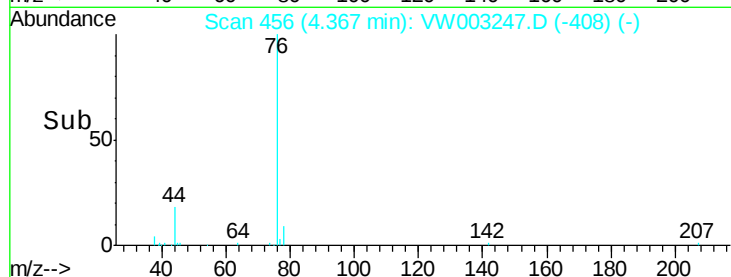
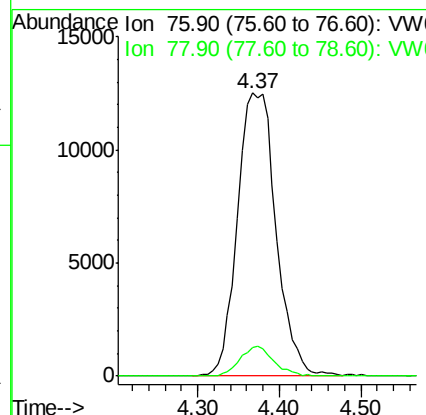
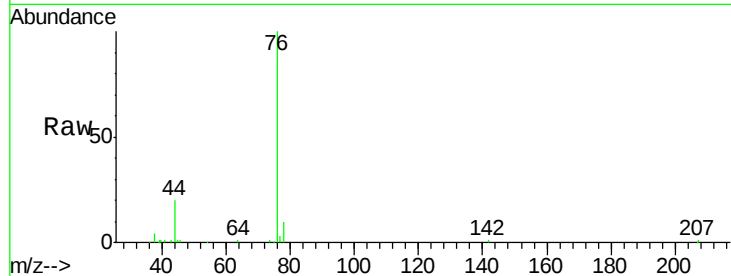
#17
Carbon Disulfide
Concen: 5.616 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7

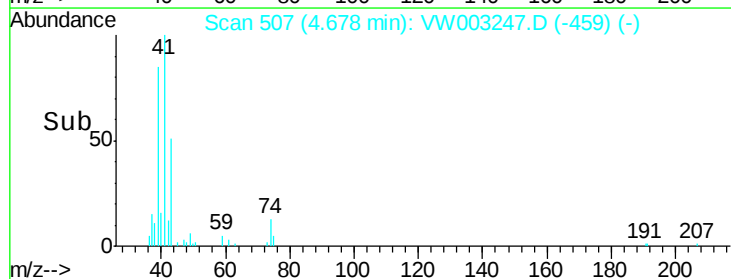
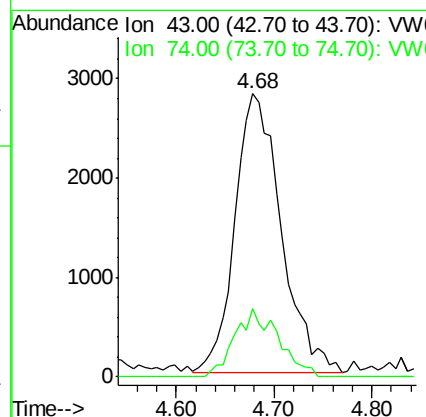
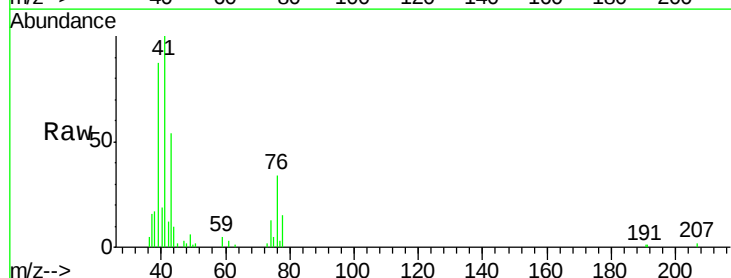
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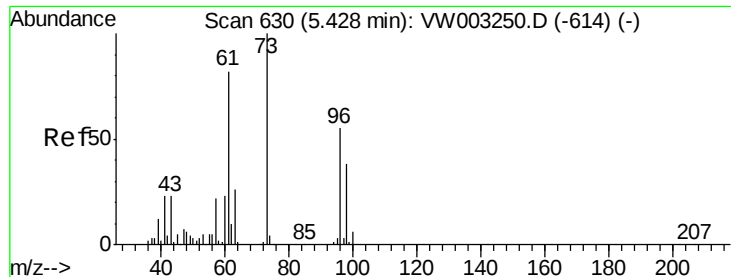
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#18
Methyl Acetate
Concen: 6.707 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.7	28.1





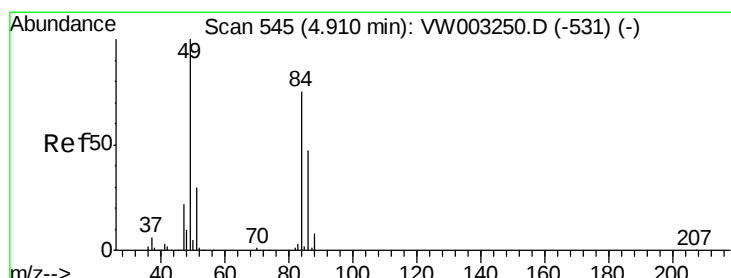
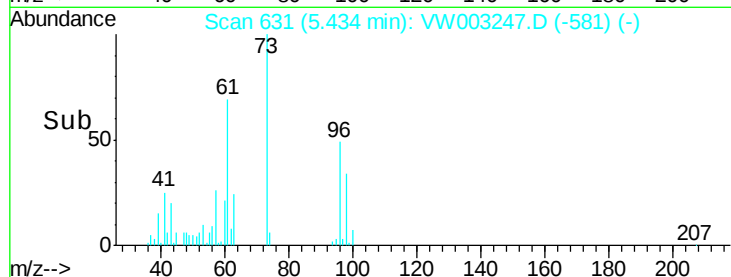
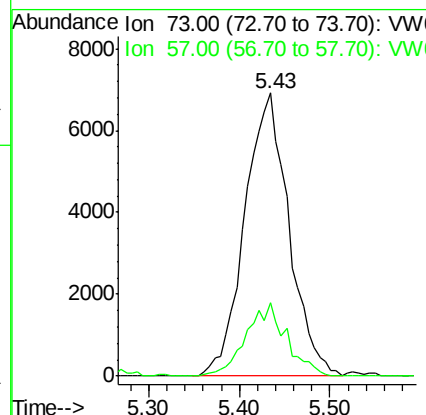
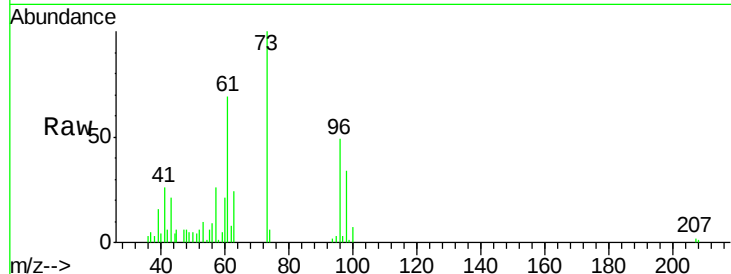
#19
Methyl tert-butyl Ether
Concen: 5.107 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 23282
Ion Ratio Lower Upper
73 100
57 26.0 18.0 27.0

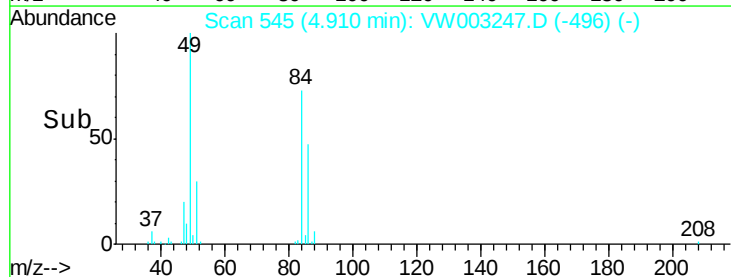
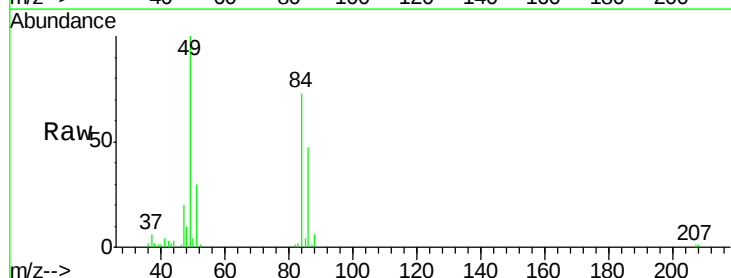
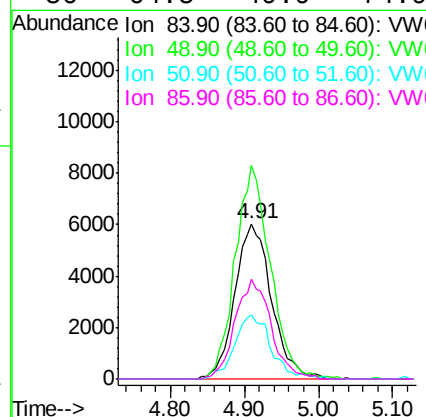
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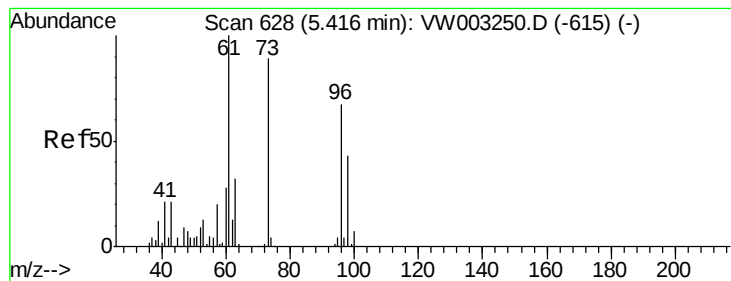
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#20
Methylene Chloride
Concen: 7.741 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion: 84 Resp: 20794
Ion Ratio Lower Upper
84 100
49 137.6 106.3 159.5
51 40.9 32.0 48.0
86 64.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.291 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 13970

Ion Ratio Lower Upper

96 100

61 131.7 118.7 178.1

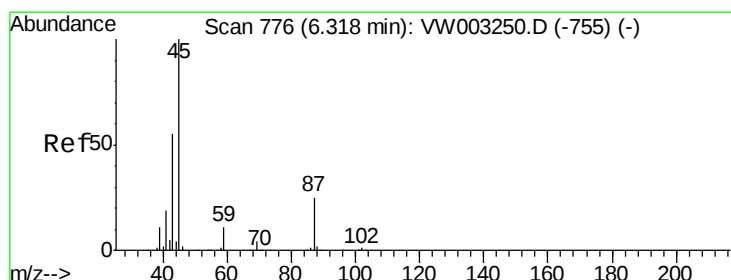
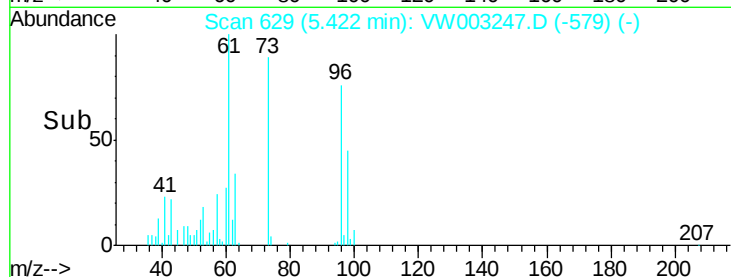
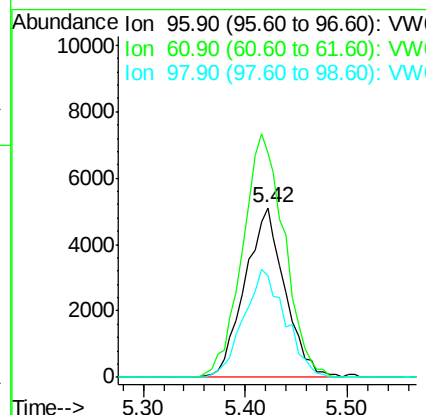
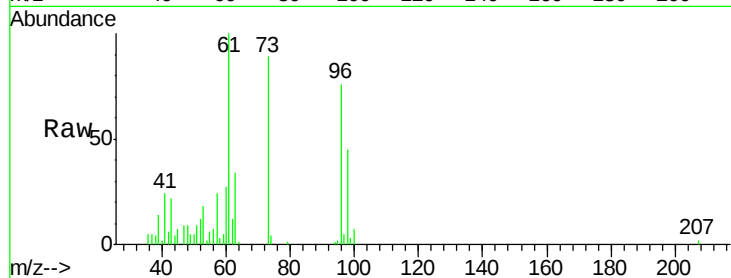
98 59.4 51.0 76.6

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#22

Diisopropyl ether

Concen: 5.040 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Tgt Ion: 45 Resp: 41306

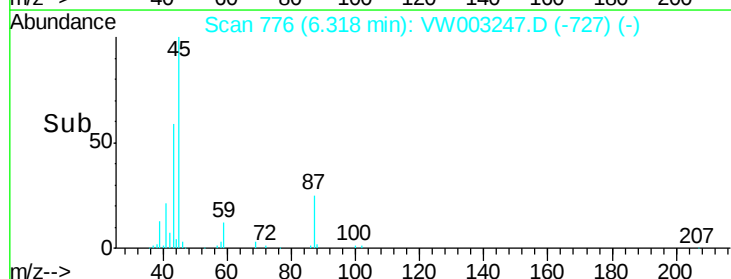
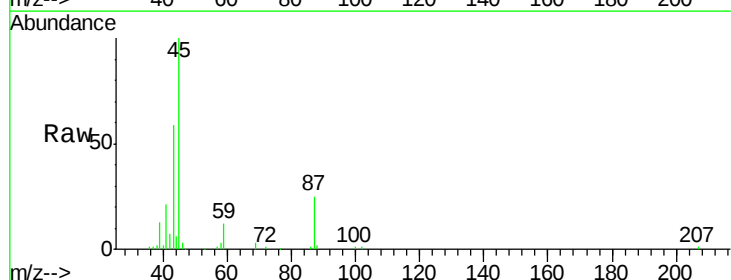
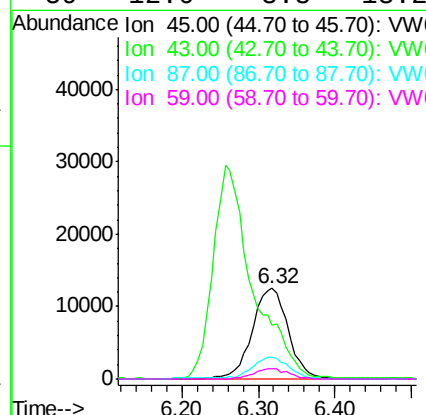
Ion Ratio Lower Upper

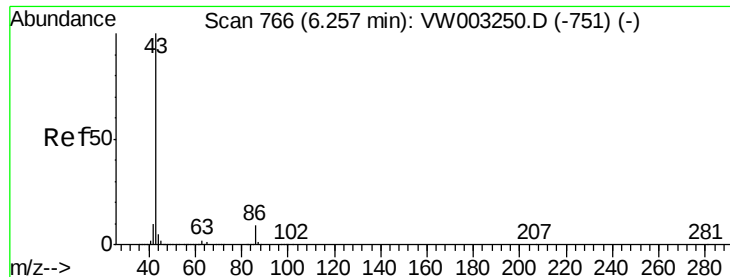
45 100

43 57.3 44.0 66.0

87 24.5 20.6 31.0

59 12.0 8.8 13.2





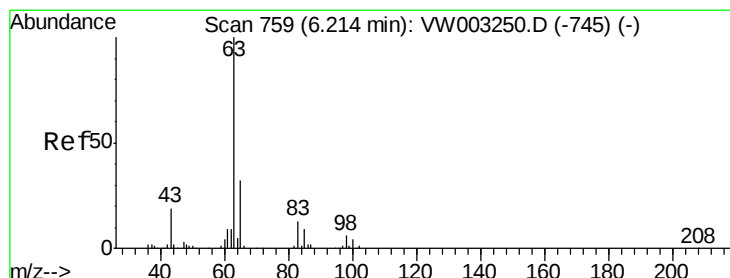
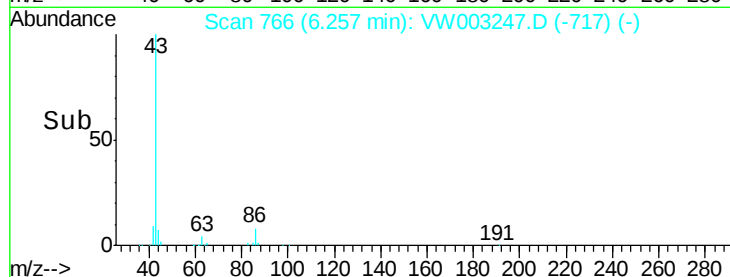
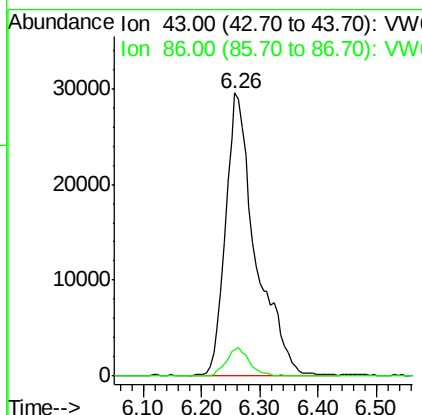
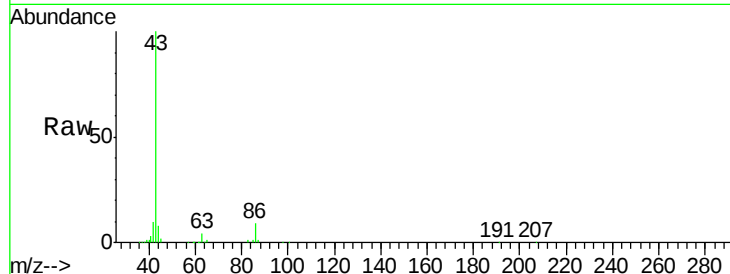
#23
 Vinyl Acetate
 Concen: 22.072 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	106482		
86	9.3	7.5	11.3	

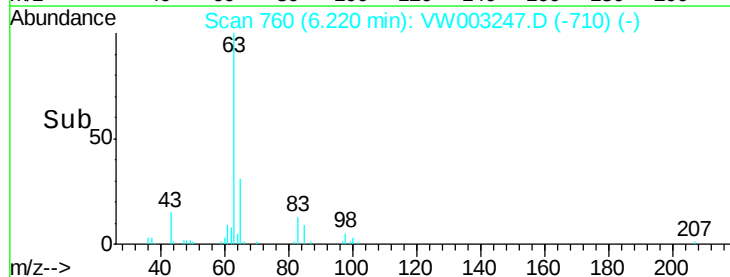
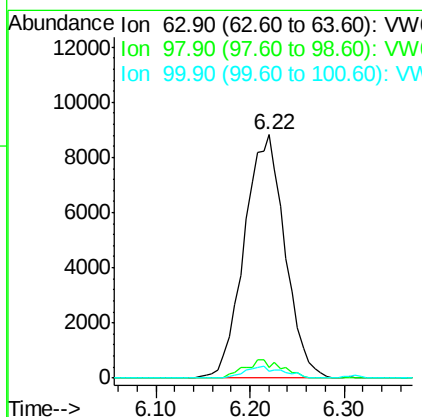
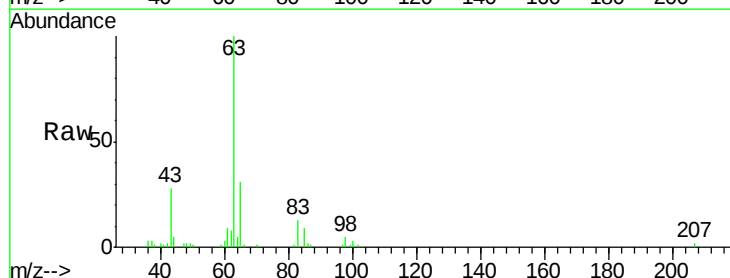
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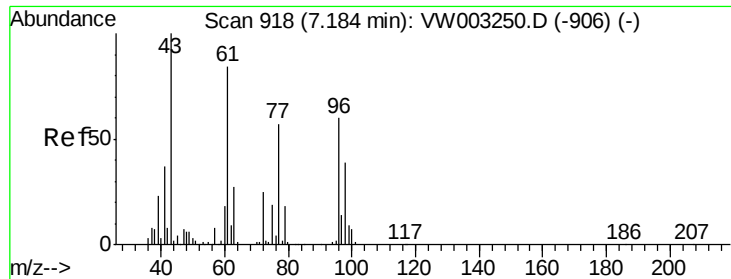
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#24
 1,1-Dichloroethane
 Concen: 5.507 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	26601		
98	4.6	2.8	8.3	
100	2.8	2.1	6.5	





#25

2-Butanone

Concen: 24.816 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 18074

Ion Ratio Lower Upper

43 100

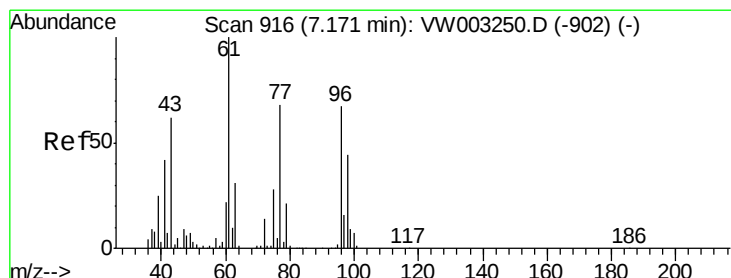
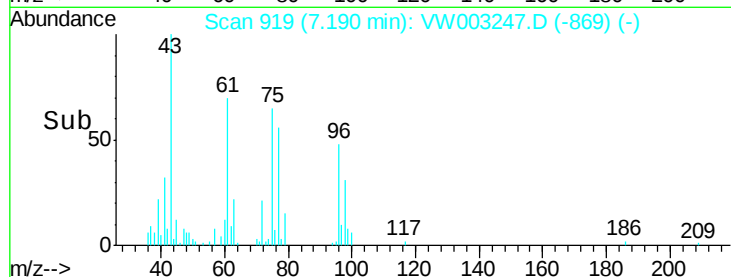
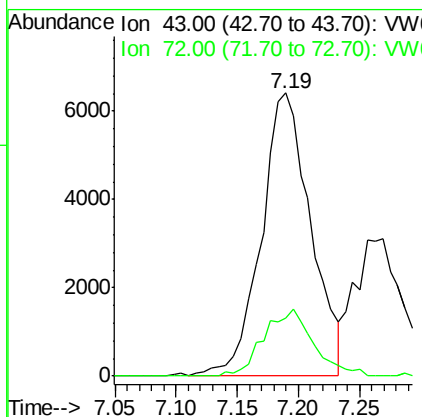
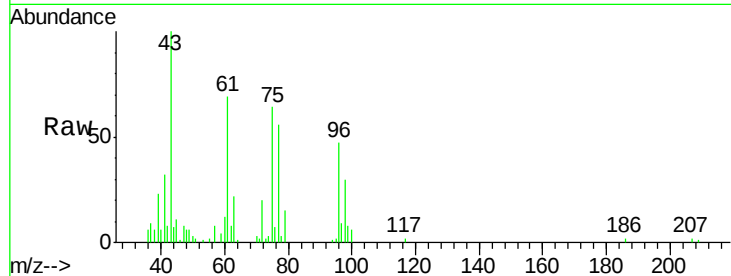
72 20.4 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 6.315 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003247.D

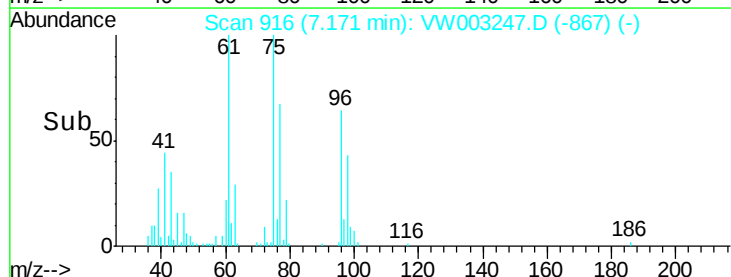
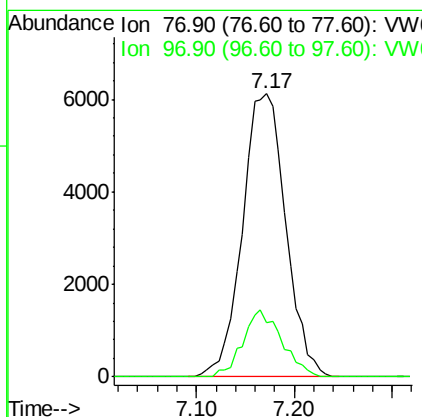
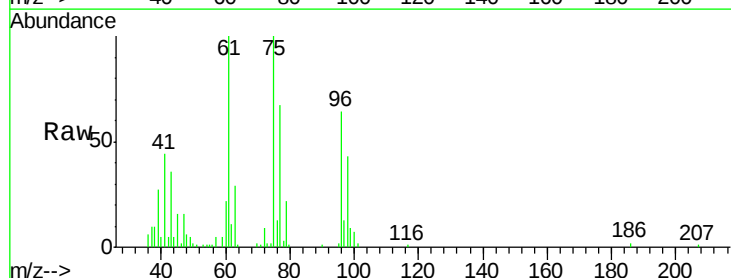
Acq: 13 Jun 2018 16:06

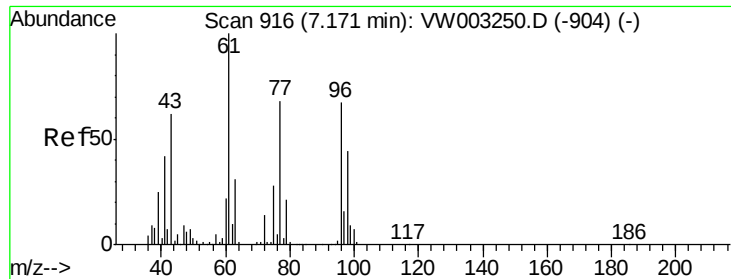
Tgt Ion: 77 Resp: 18807

Ion Ratio Lower Upper

77 100

97 21.3 11.3 33.9





#27

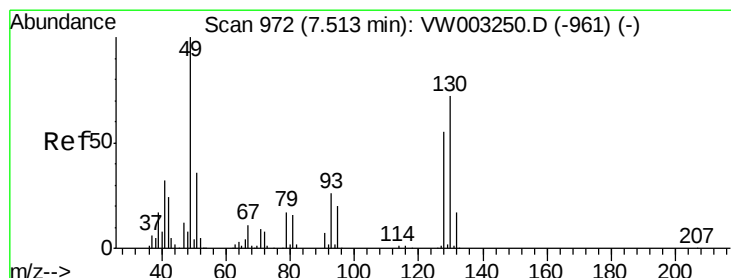
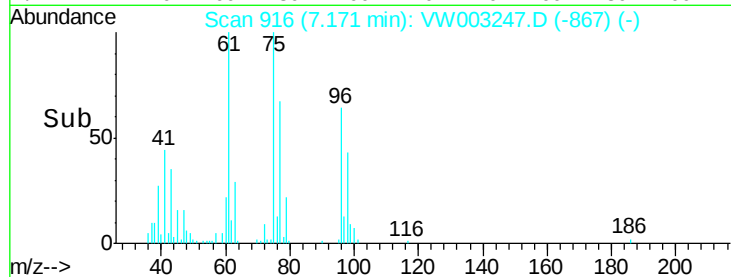
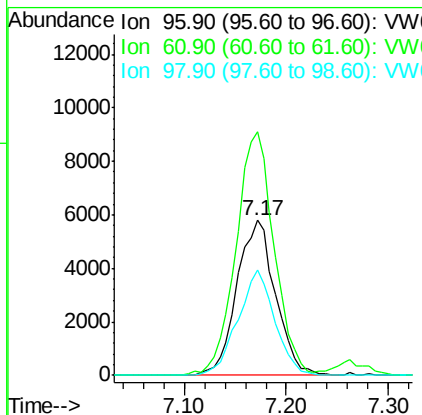
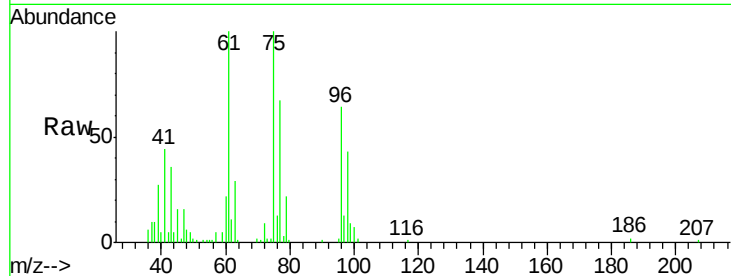
cis-1,2-Dichloroethene
 Concen: 5.241 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	298.8
98	64.8	0.0	130.4

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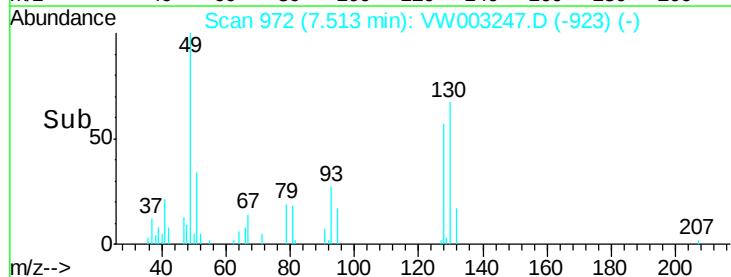
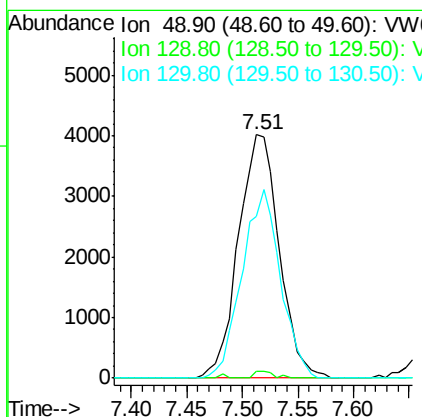
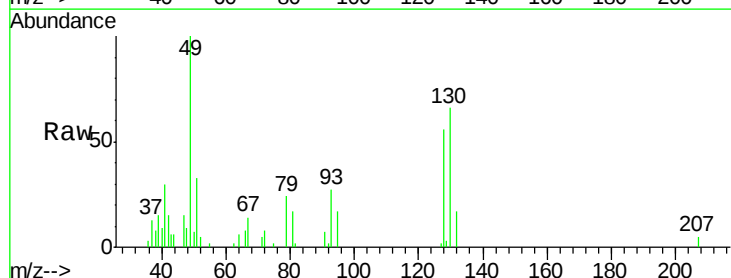
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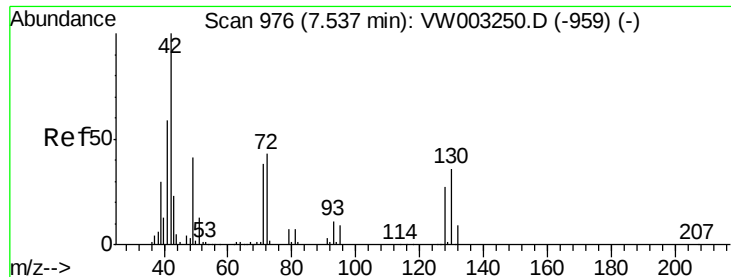


#28

Bromochloromethane
 Concen: 5.239 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.6
130	73.2	59.4	89.2





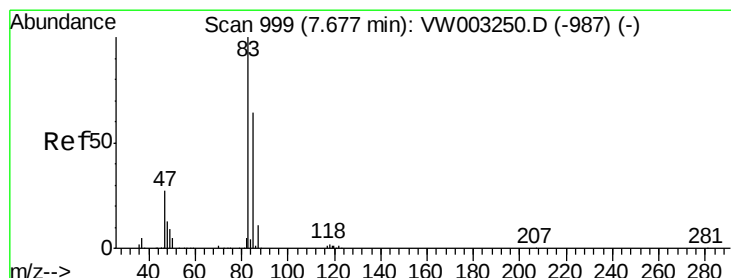
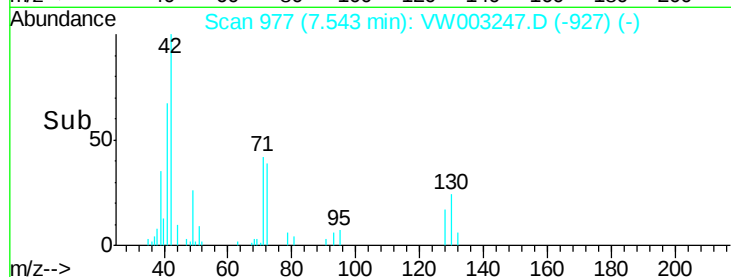
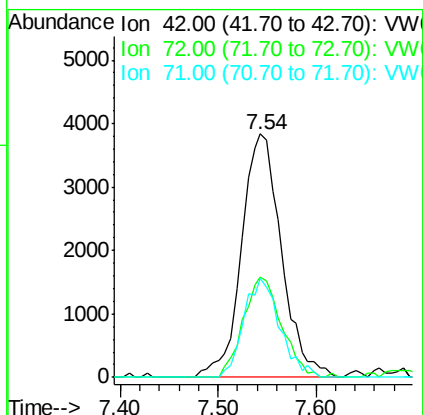
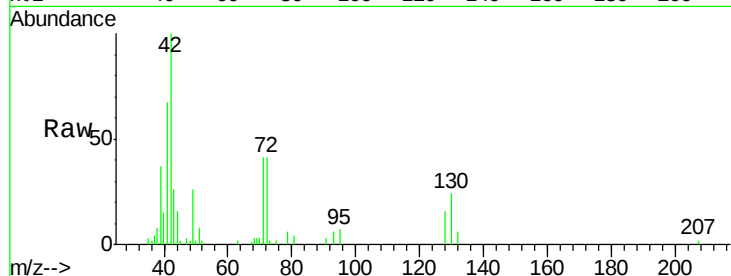
#29
Tetrahydrofuran
Concen: 23.132 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.4	32.4	48.6
71	36.8	31.2	46.8

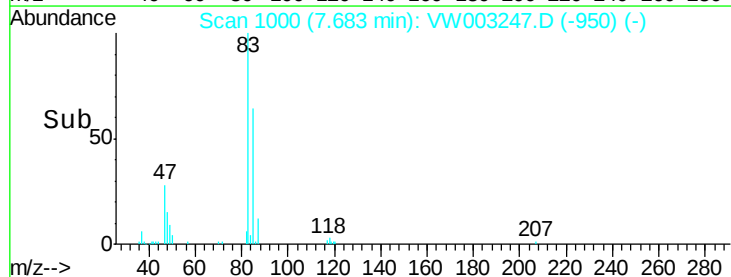
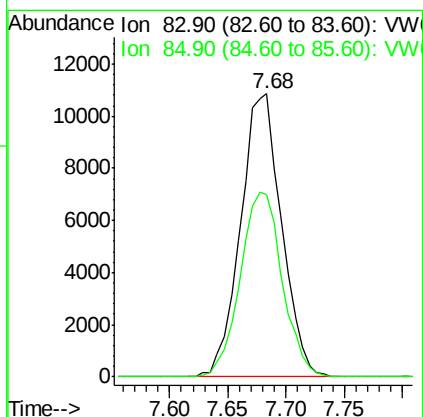
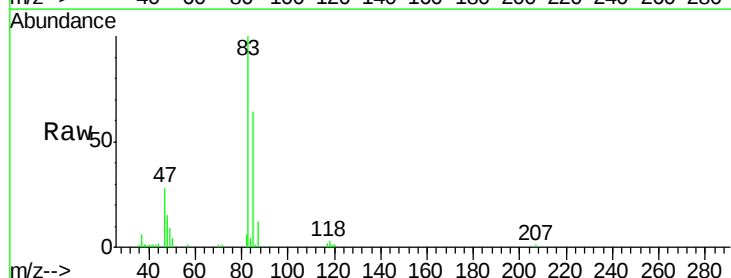
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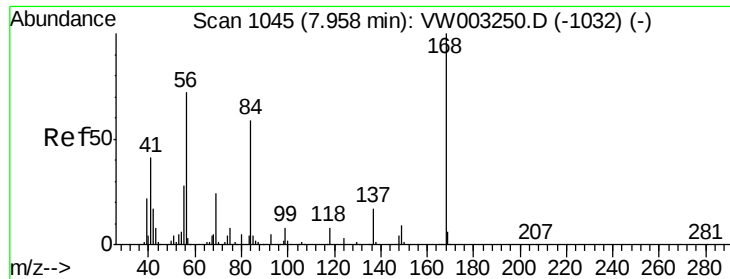
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#30
Chloroform
Concen: 5.350 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.3	76.9





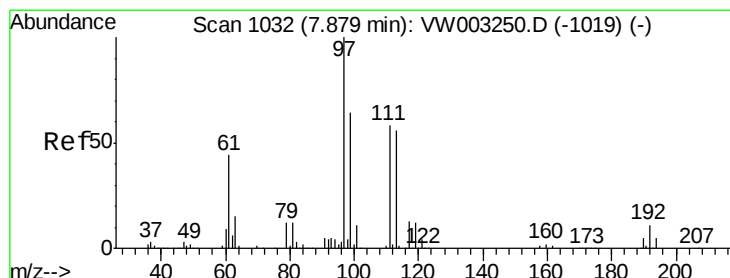
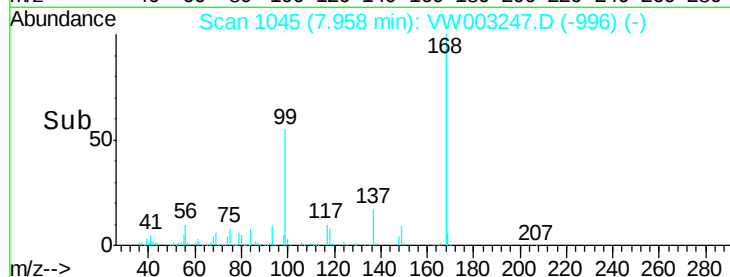
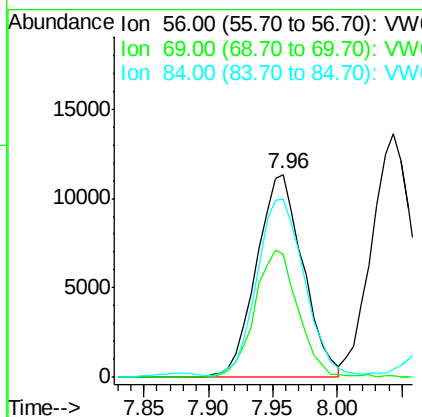
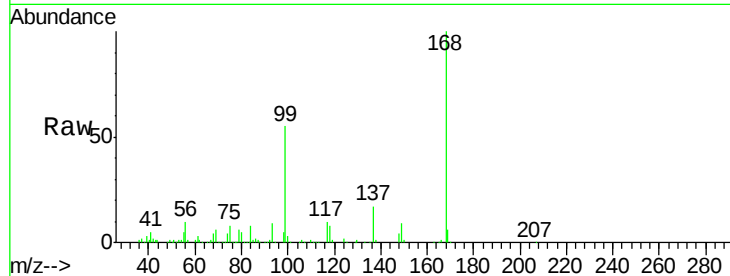
#31
Cyclohexane
Concen: 6.251 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	60.7	26.3	39.5#
84	85.9	65.7	98.5

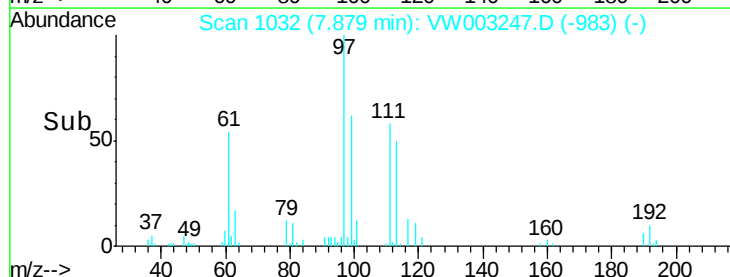
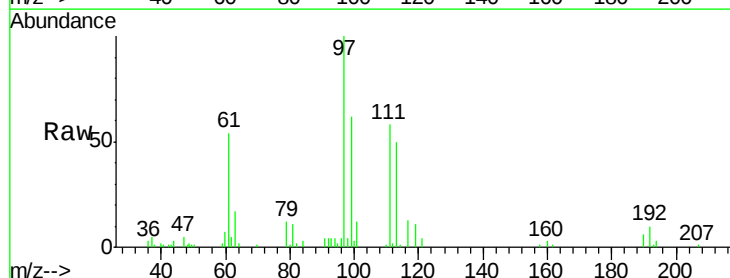
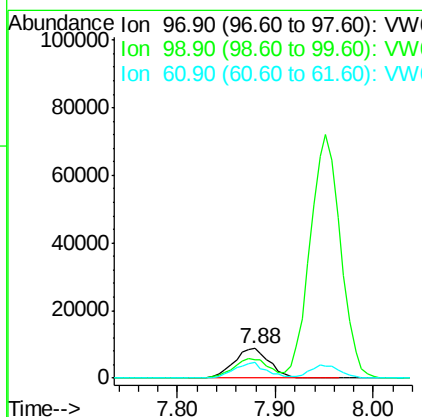
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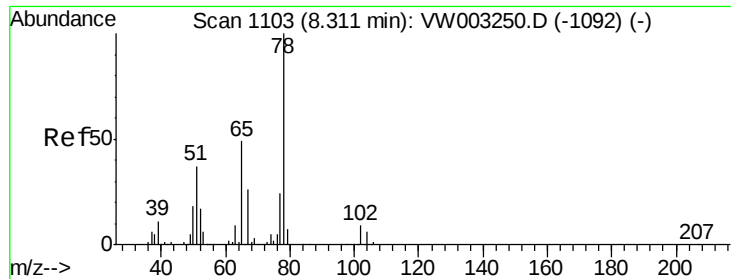
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#32
1,1,1-Trichloroethane
Concen: 5.569 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.7	77.5
61	46.6	37.6	56.4





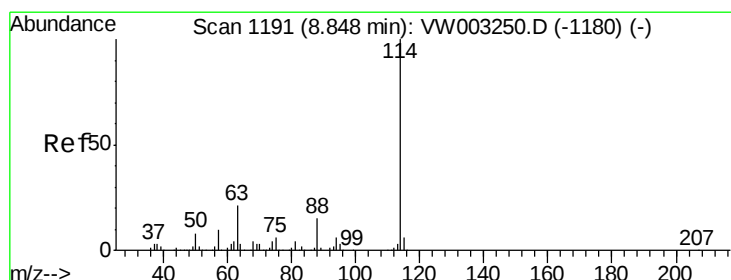
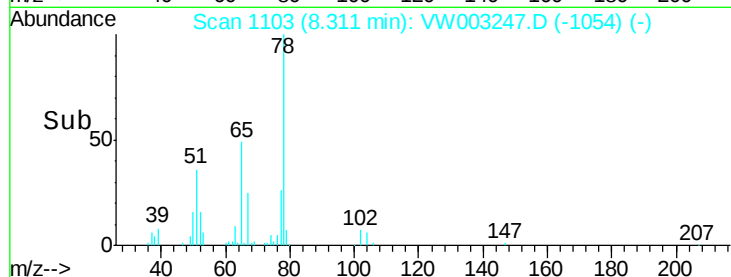
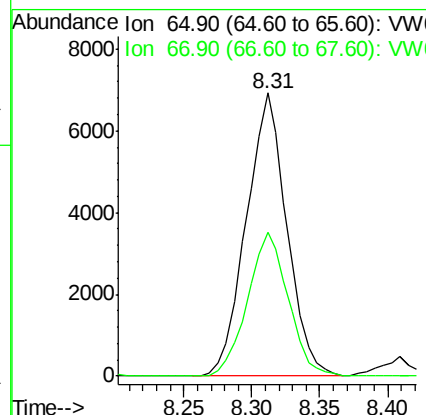
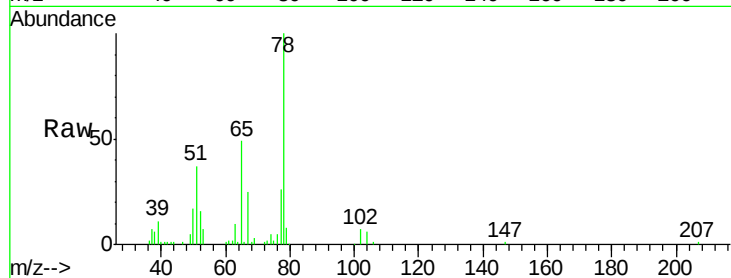
#33
 1,2-Dichloroethane-d4
 Concen: 5.421 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	14419		
67	50.8	0.0	104.2	

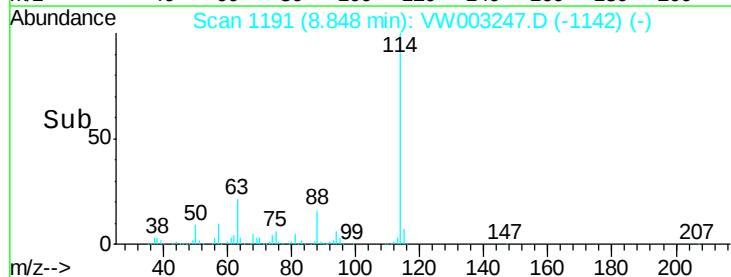
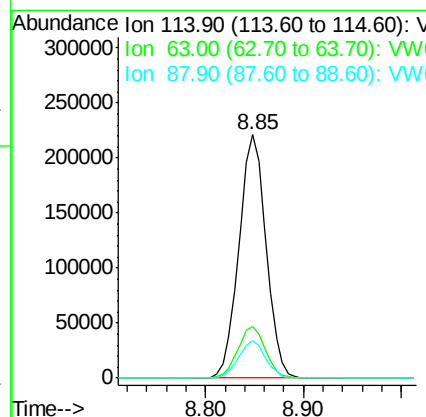
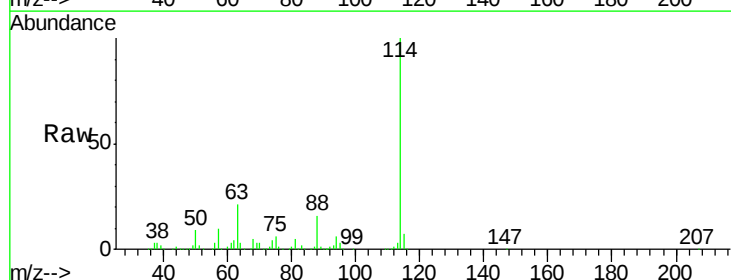
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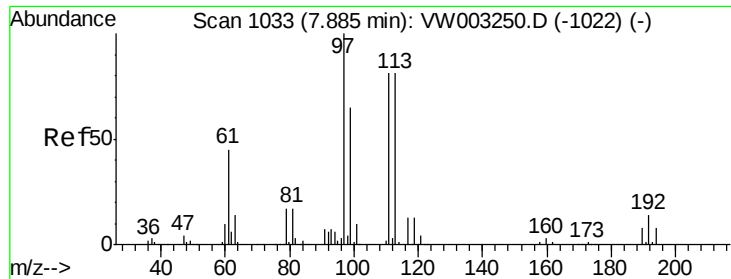
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	424682		
63	21.3	0.0	43.0	
88	15.6	0.0	29.6	





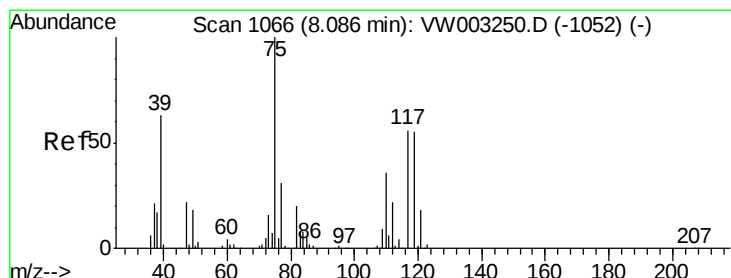
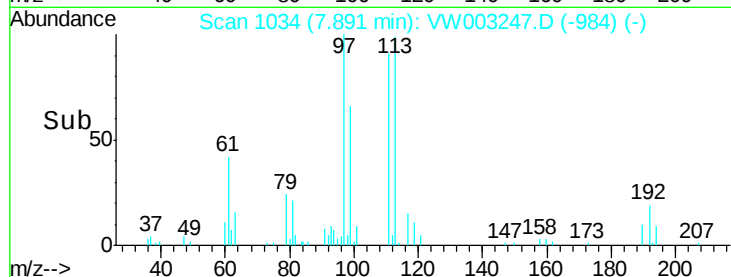
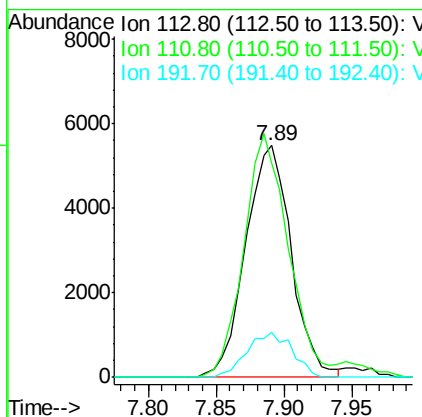
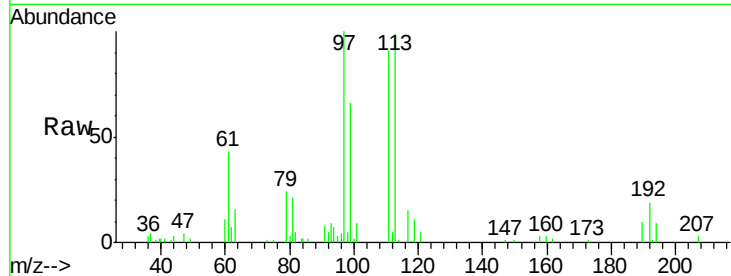
#35
 Dibromofluoromethane
 Concen: 5.132 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	12869		
111	102.3	82.2	123.2	
192	19.2	16.2	24.2	

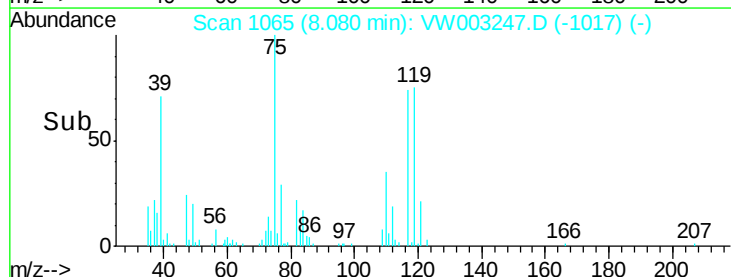
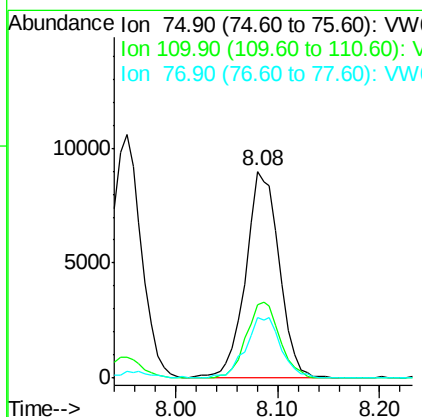
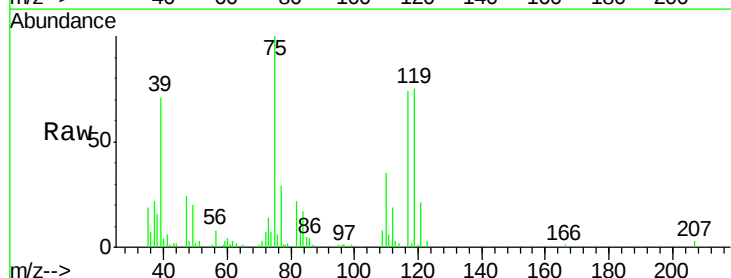
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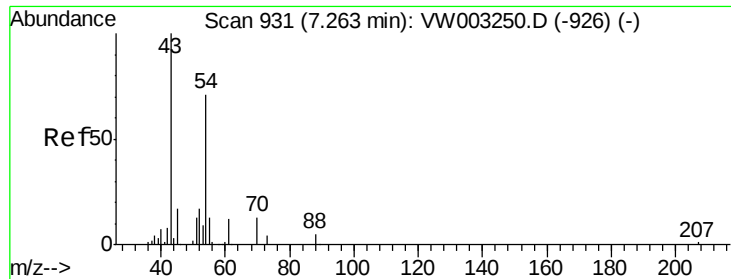
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#36
 1,1-Dichloropropene
 Concen: 5.157 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20581		
110	36.3	17.1	51.3	
77	30.9	24.9	37.3	





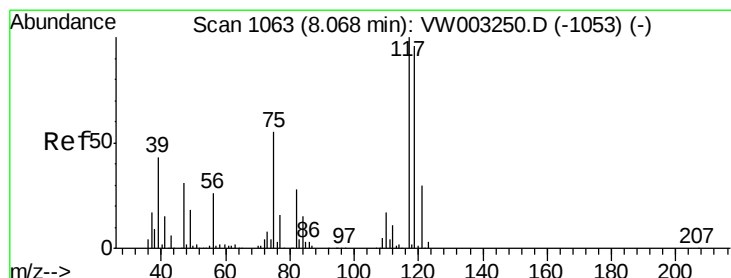
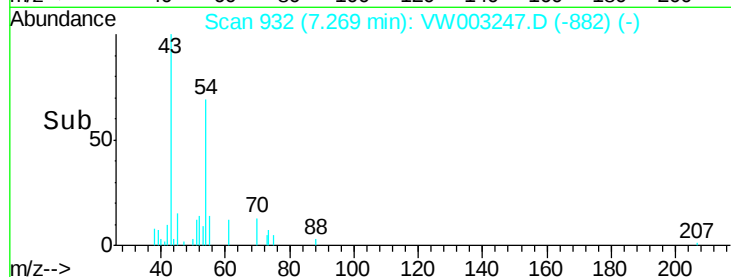
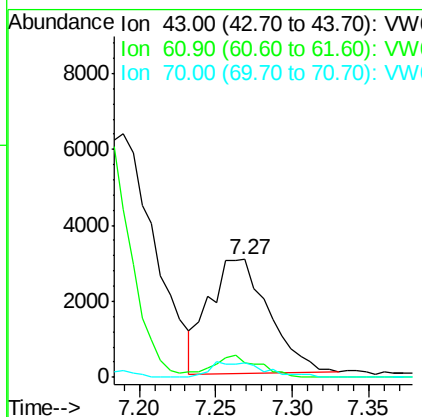
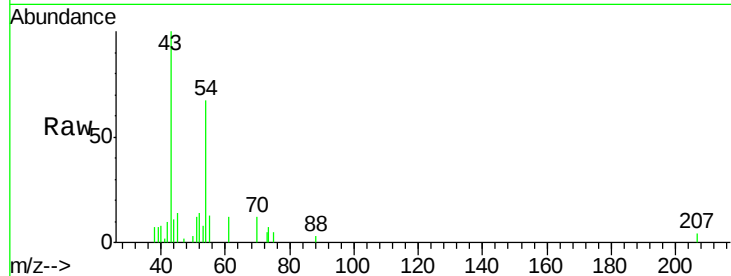
#37
 Ethyl Acetate
 Concen: 4.688 ug/l
 RT: 7.27 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.8	16.2
70	11.8	7.8	11.6

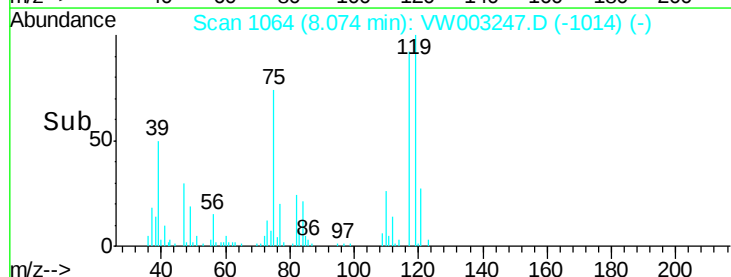
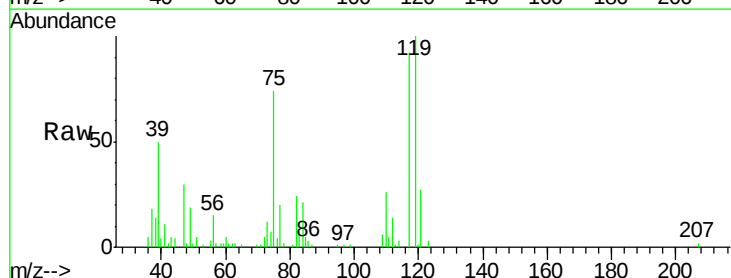
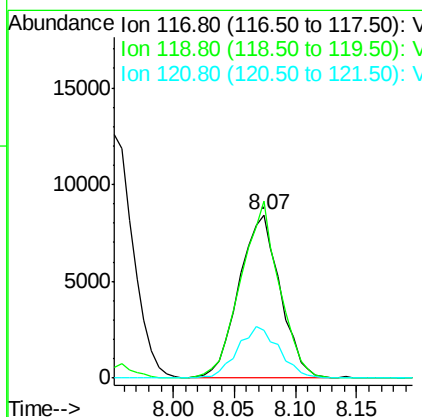
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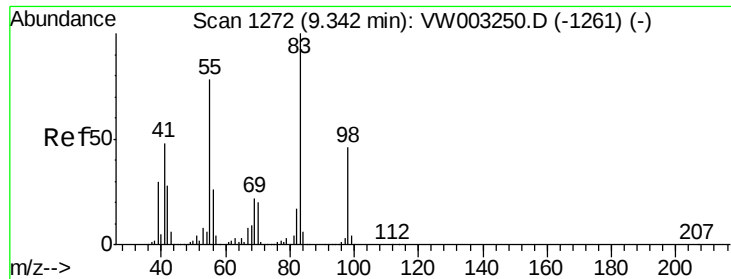
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#38
 Carbon Tetrachloride
 Concen: 5.077 ug/l
 RT: 8.07 min Scan# 1064
 Delta R.T. 0.01 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	108.5	76.6	115.0
121	28.9	23.9	35.9





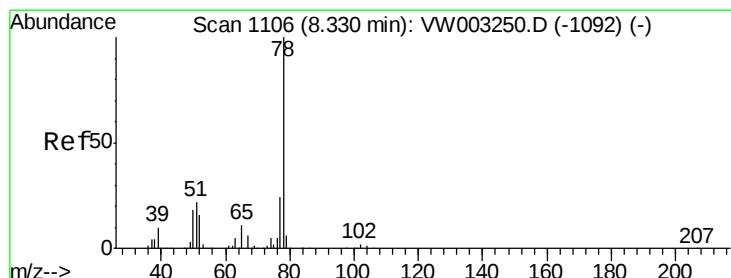
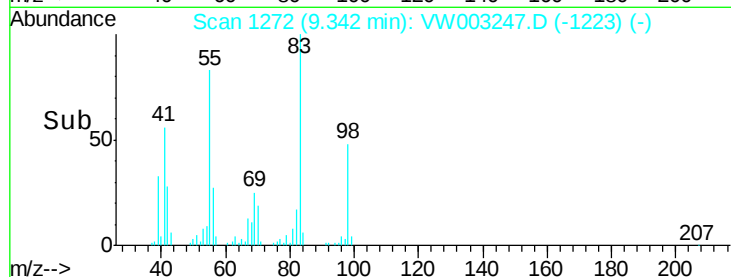
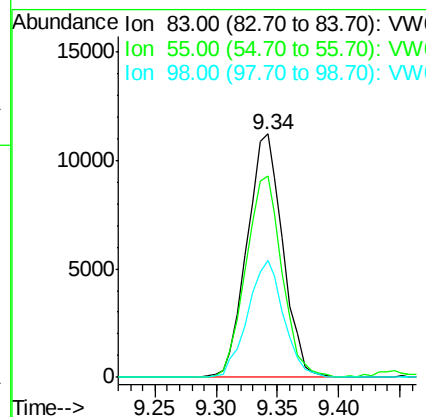
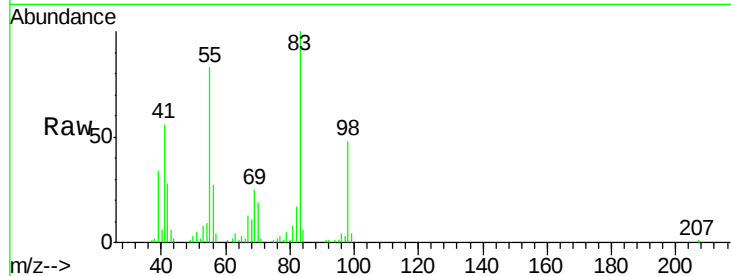
#39
Methylcyclohexane
Concen: 4.825 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.8	62.6	93.8
98	47.8	37.0	55.4

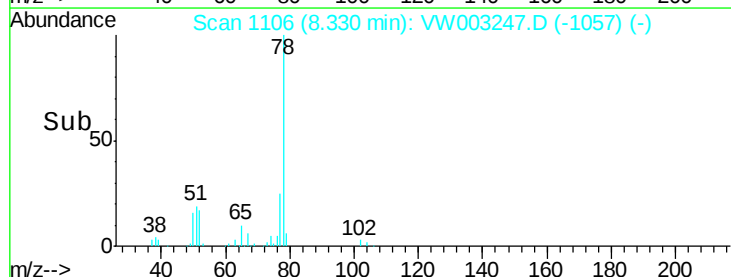
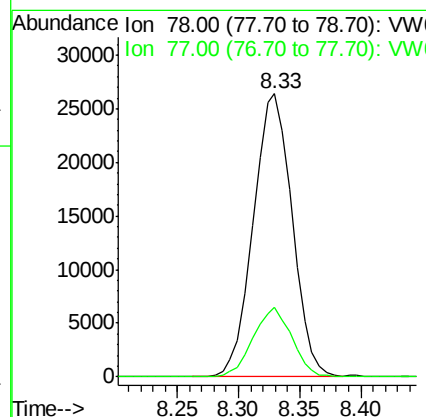
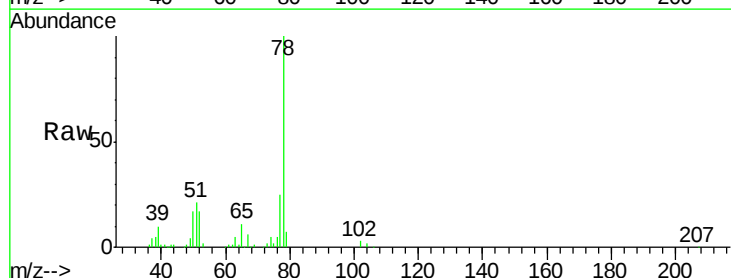
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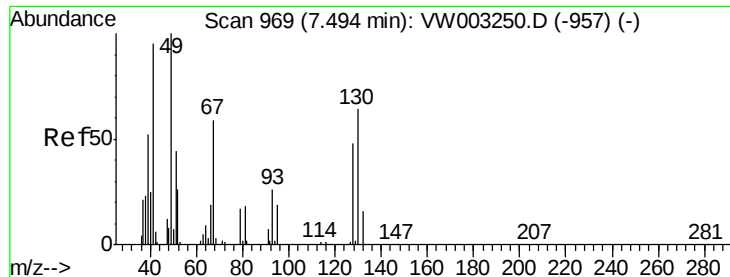
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#40
Benzene
Concen: 5.235 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.6





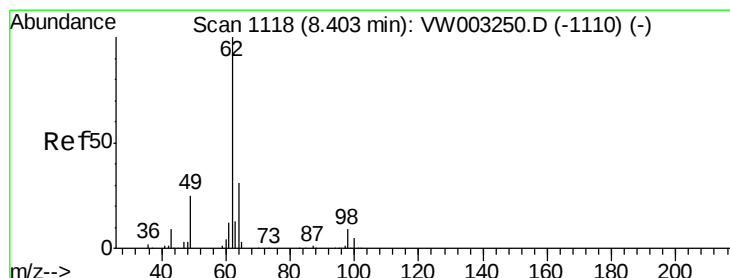
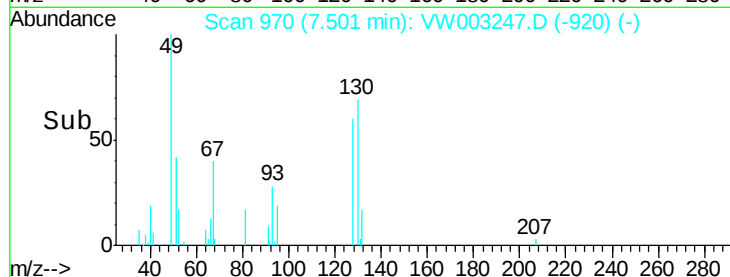
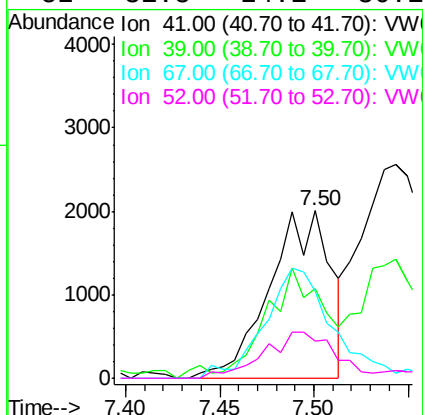
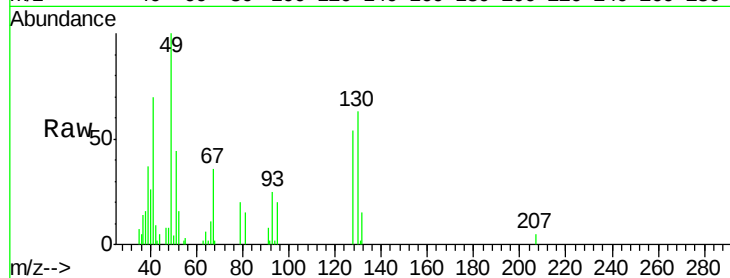
#41
Methacrylonitrile
Concen: 4.483 ug/l
RT: 7.50 min Scan# 970
Delta R.T. 0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	4510
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.8	68.8
67	73.6	52.3	78.5
52	31.8	24.1	36.1

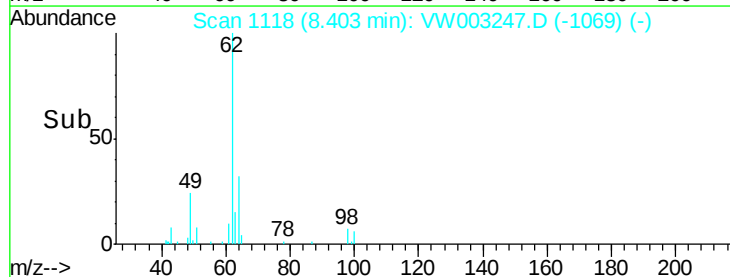
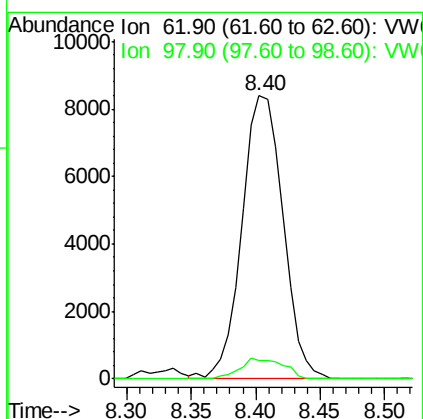
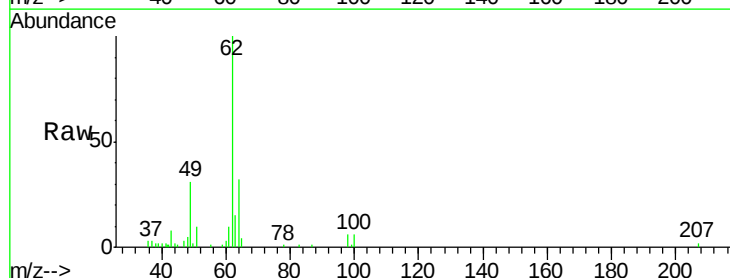
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#42
1,2-Dichloroethane
Concen: 5.346 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion:	62	Resp:	18576
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 4.729 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

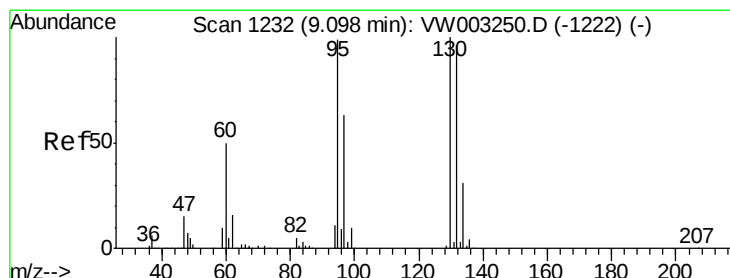
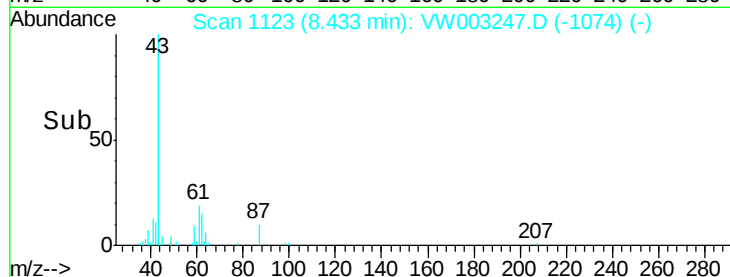
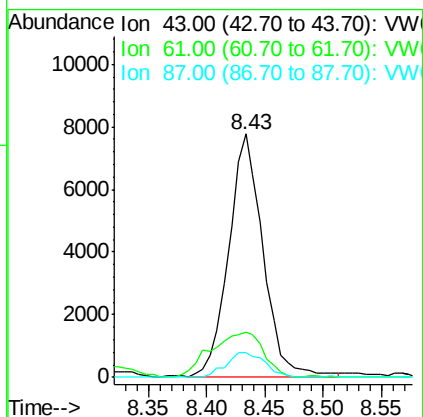
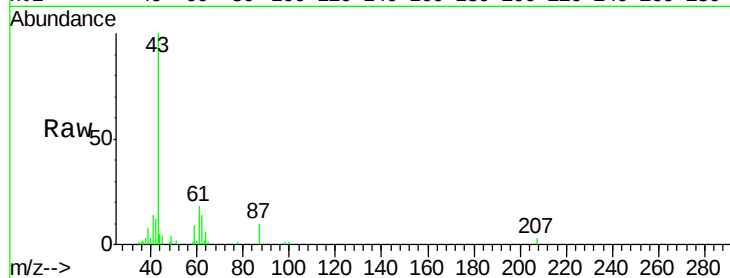
ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	16040
Ion Ratio	Lower	Upper	
43	100		
61	28.2	23.1	34.7
87	11.4	9.8	14.6

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#44

Trichloroethene

Concen: 5.175 ug/l

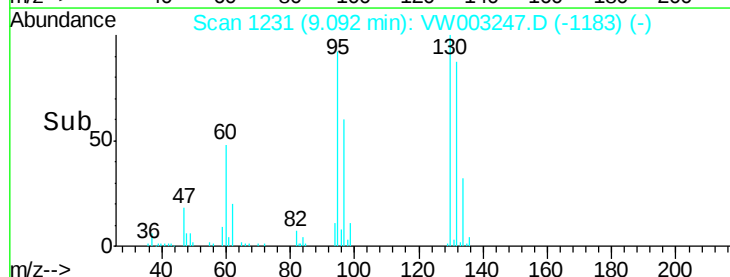
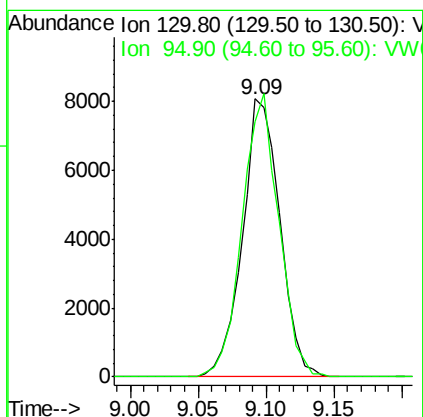
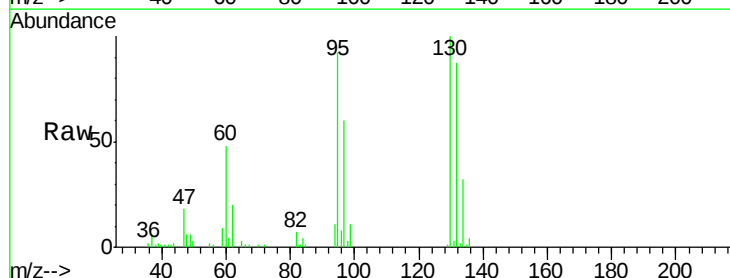
RT: 9.09 min Scan# 1231

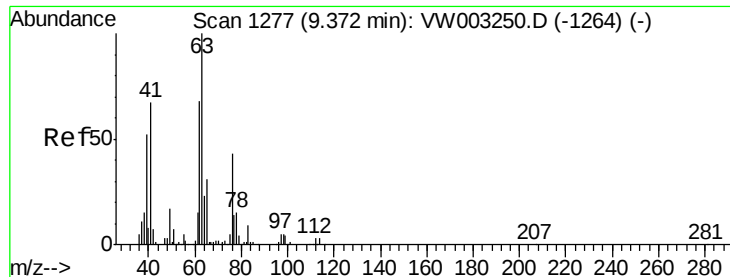
Delta R.T. -0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Tgt Ion:	130	Resp:	15564
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	198.0





#45

1,2-Dichloropropane

Concen: 5.346 ug/l

RT: 9.38 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 15001

Ion Ratio Lower Upper

63 100

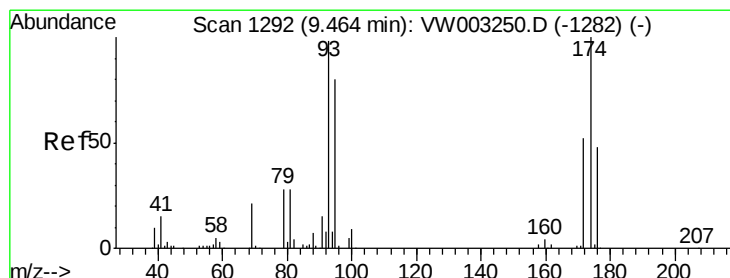
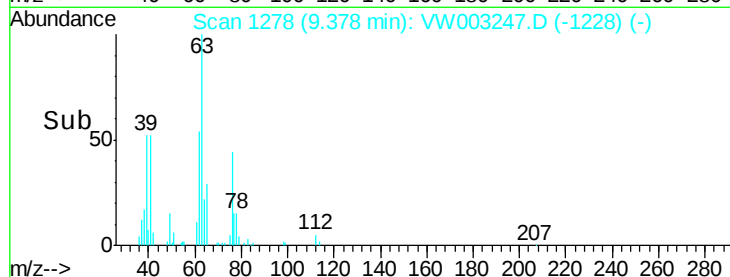
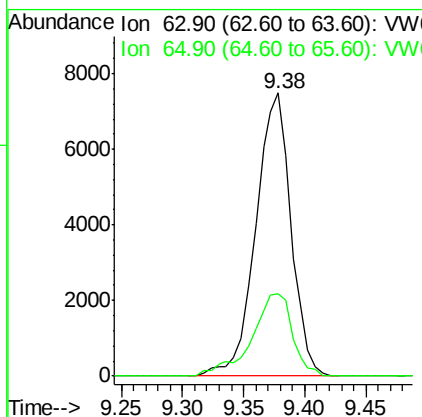
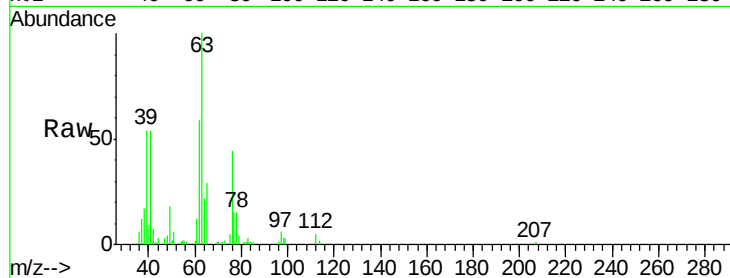
65 28.9 25.1 37.7

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#46

Dibromomethane

Concen: 4.975 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

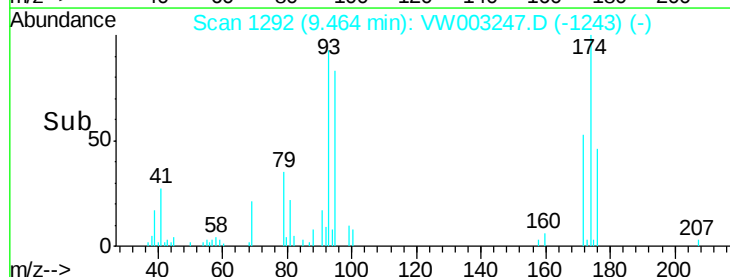
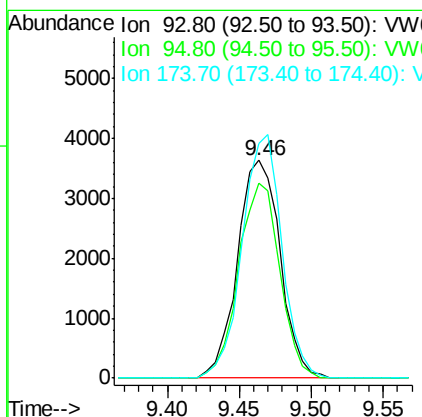
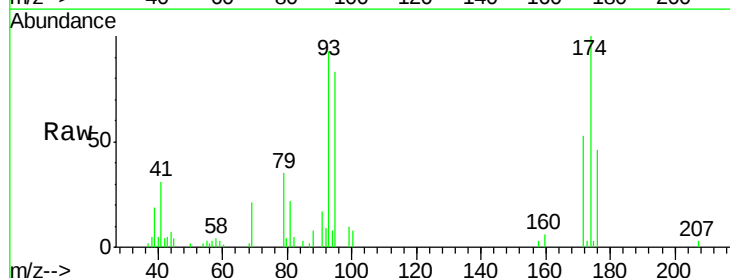
Tgt Ion: 93 Resp: 7461

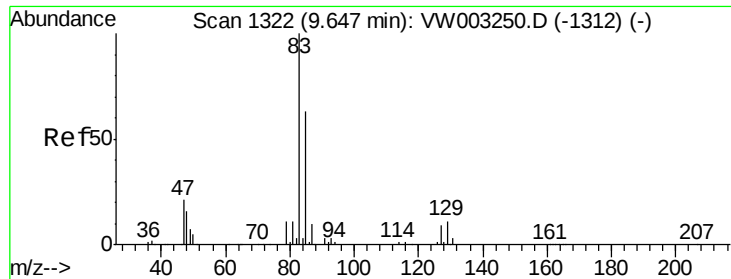
Ion Ratio Lower Upper

93 100

95 86.5 65.8 98.8

174 103.8 81.4 122.0





#47

Bromodichloromethane

Concen: 5.137 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

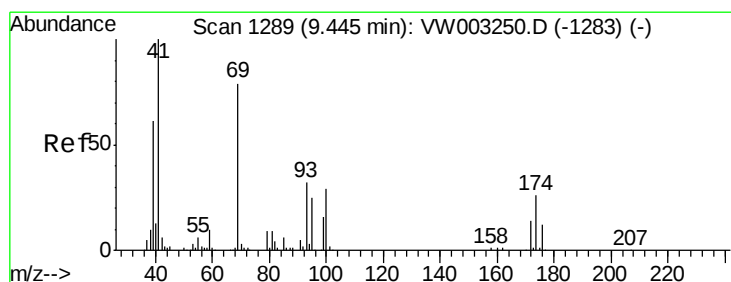
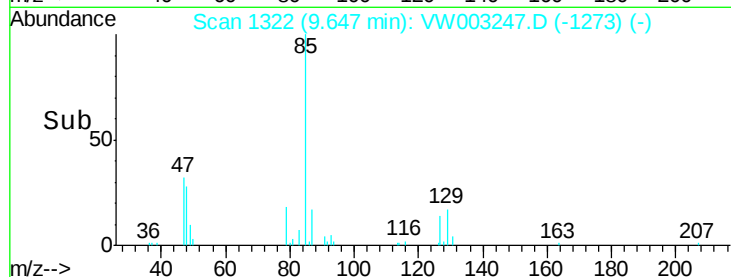
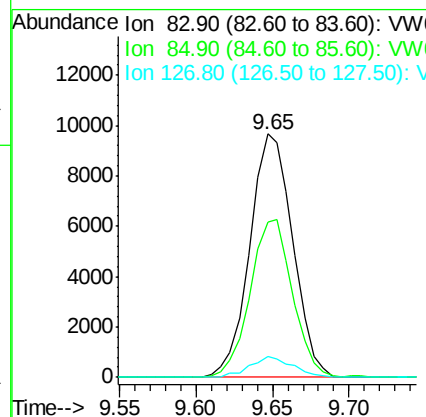
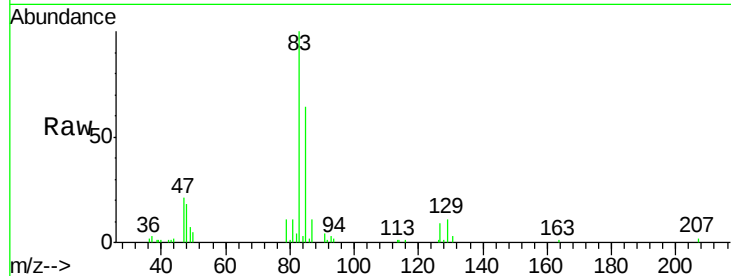
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	18813
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.6	75.8
127	8.8	6.8	10.2

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#48

Methyl methacrylate

Concen: 4.234 ug/l

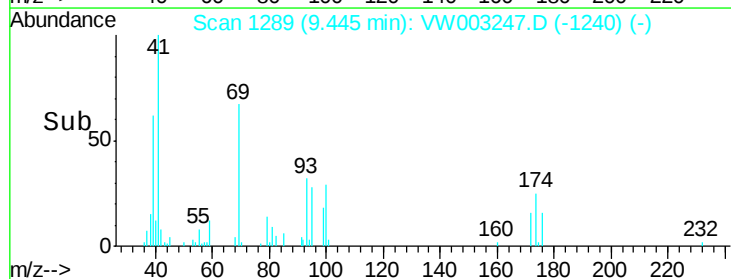
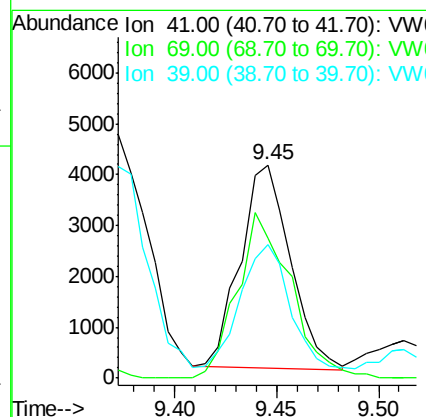
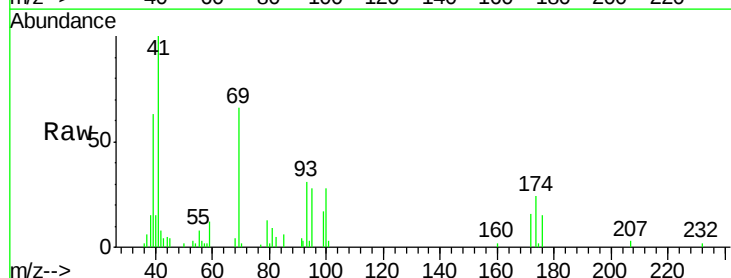
RT: 9.45 min Scan# 1289

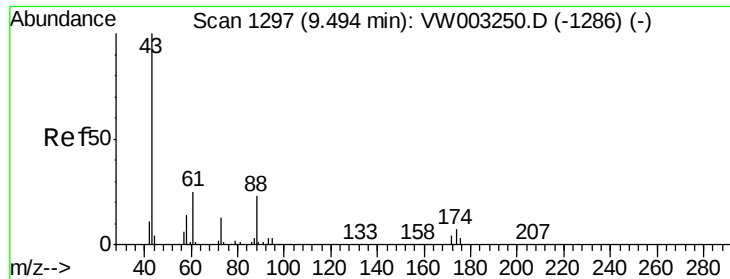
Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Tgt Ion:	41	Resp:	6826
Ion Ratio	Lower	Upper	
41	100		
69	87.0	65.4	98.2
39	72.6	54.2	81.2





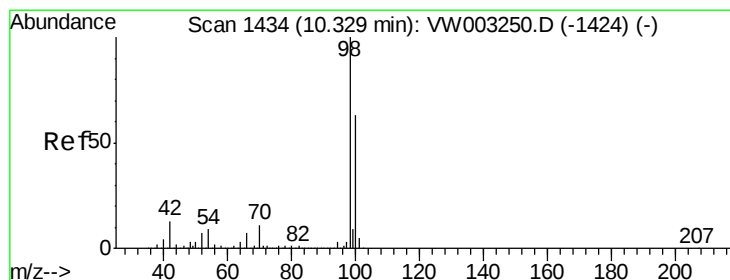
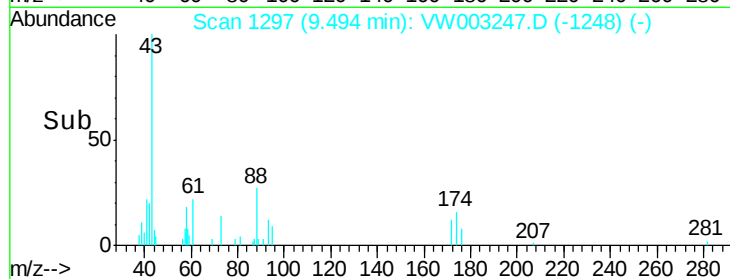
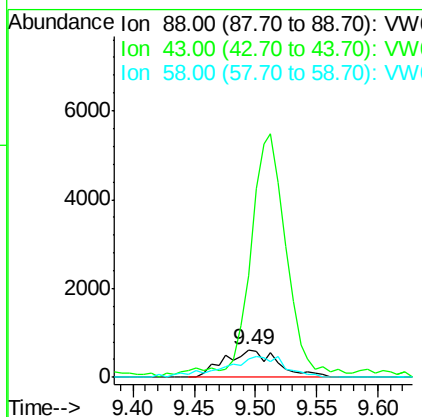
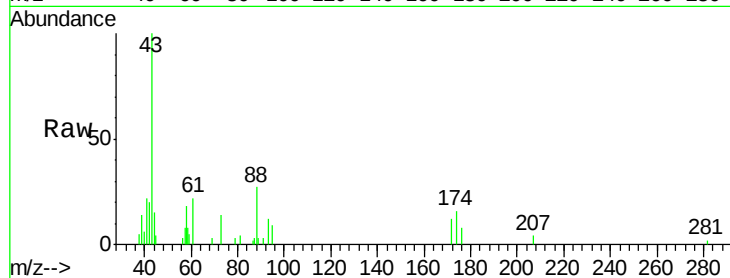
#49
1,4-Dioxane
Concen: 81.831 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	454.7	682.1#
58	0.0	58.6	88.0#

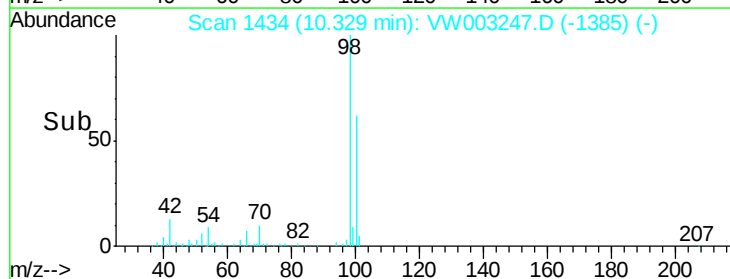
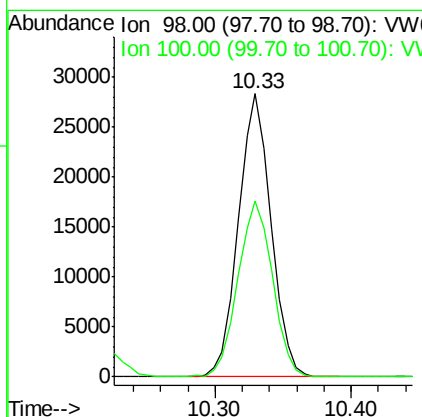
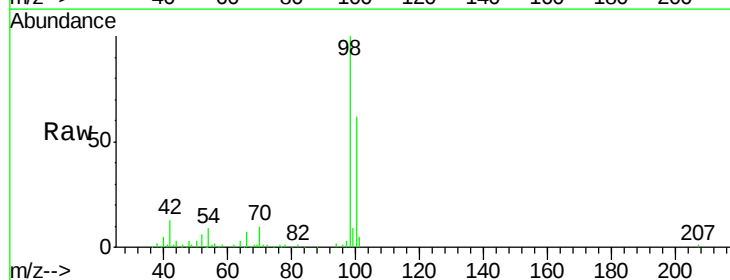
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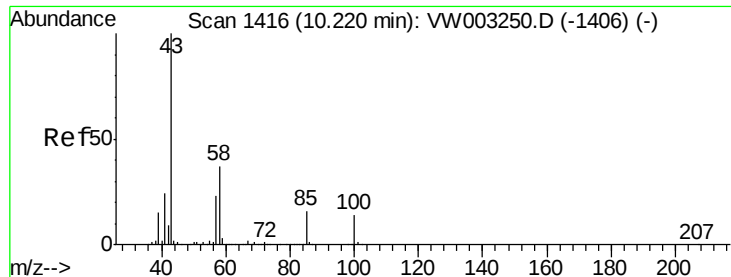
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#50
Toluene-d8
Concen: 4.872 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 22.163 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 38206

Ion Ratio Lower Upper

43 100

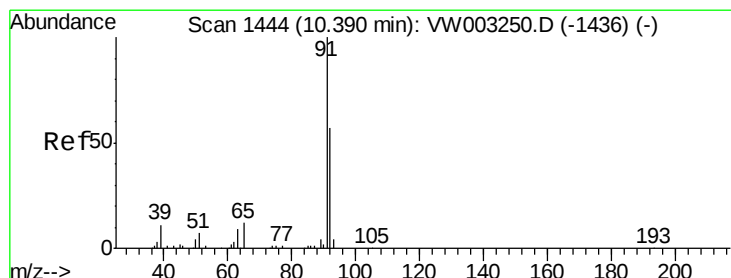
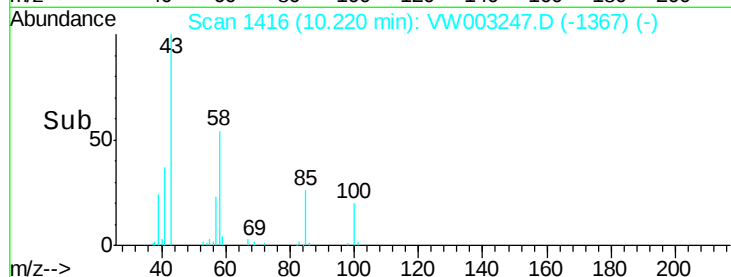
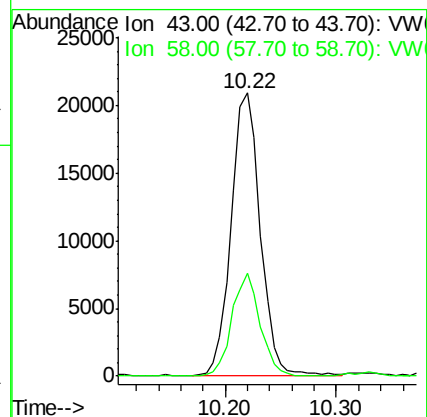
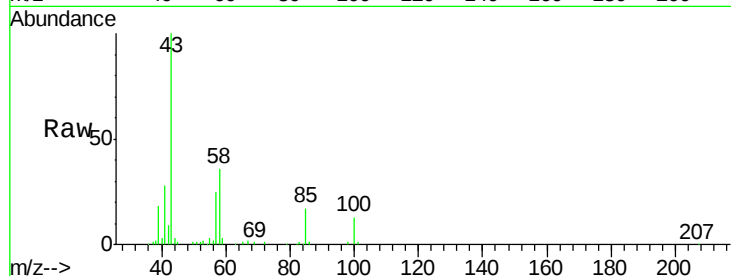
58 34.7 29.0 43.4

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#52

Toluene

Concen: 5.005 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003247.D

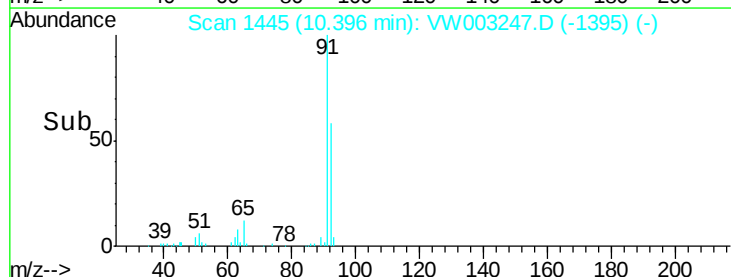
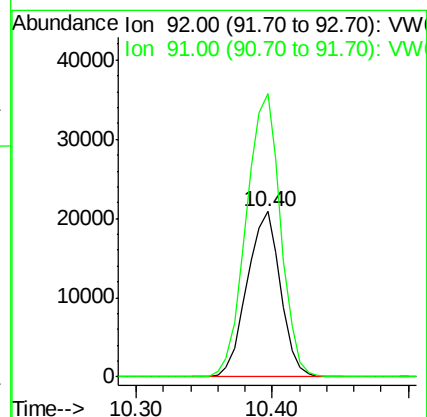
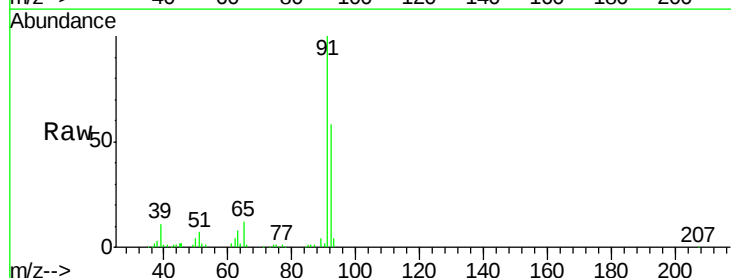
Acq: 13 Jun 2018 16:06

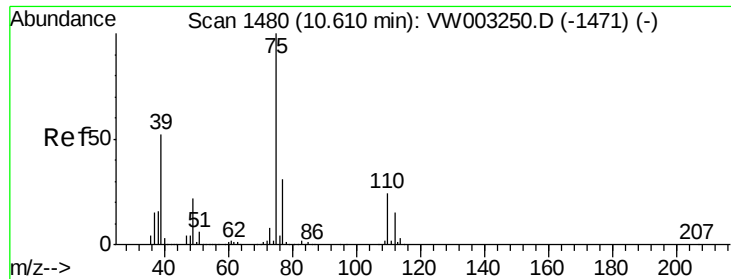
Tgt Ion: 92 Resp: 35887

Ion Ratio Lower Upper

92 100

91 175.7 141.1 211.7





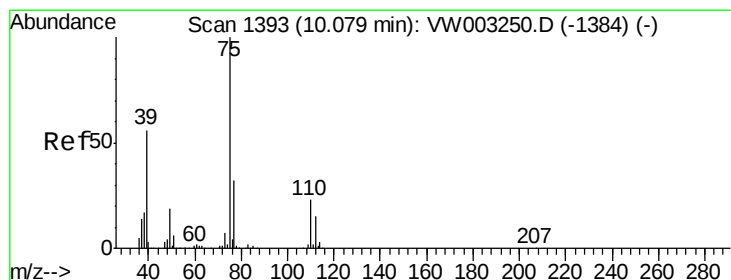
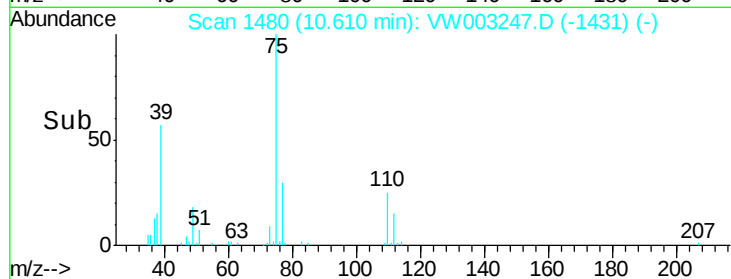
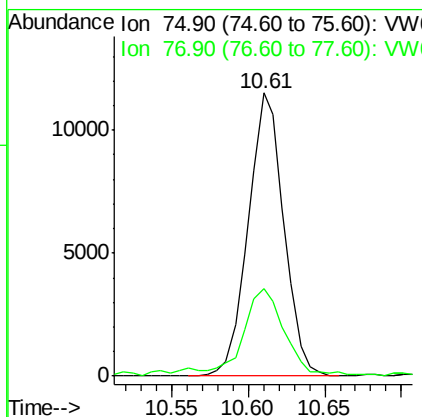
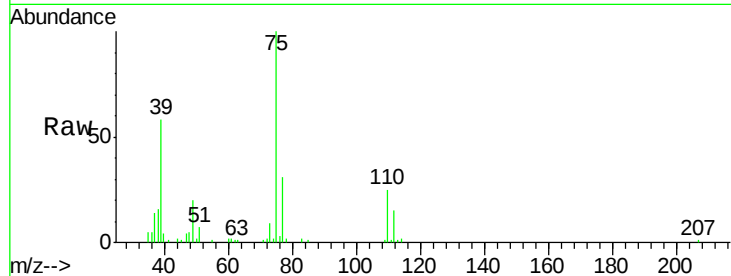
#53
 t-1,3-Dichloropropene
 Concen: 4.928 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tgt Ion: 75 Resp: 18587
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.9 37.3

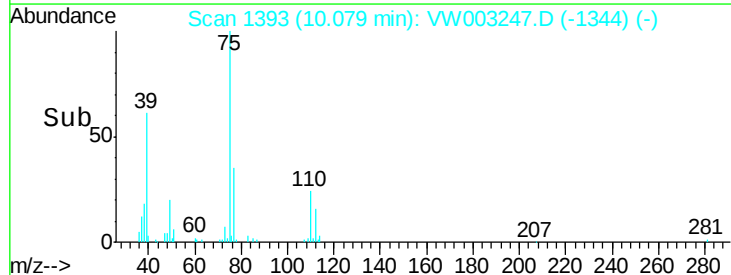
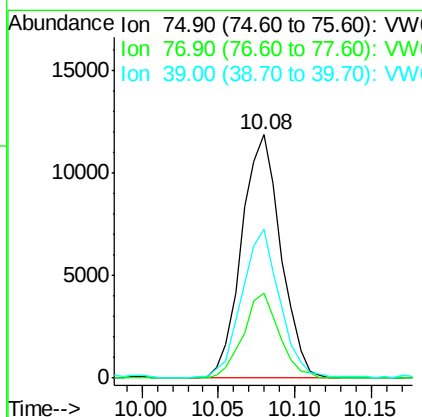
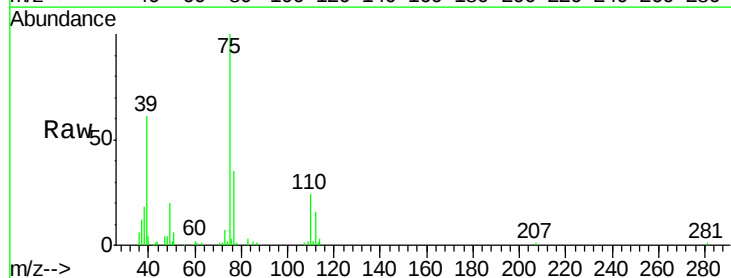
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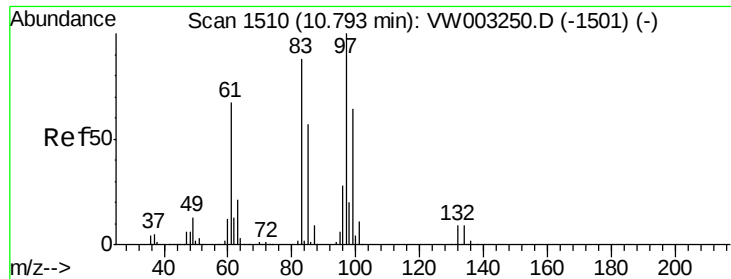
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#54
 cis-1,3-Dichloropropene
 Concen: 4.932 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion: 75 Resp: 21158
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.8 38.6
 39 61.2 45.2 67.8





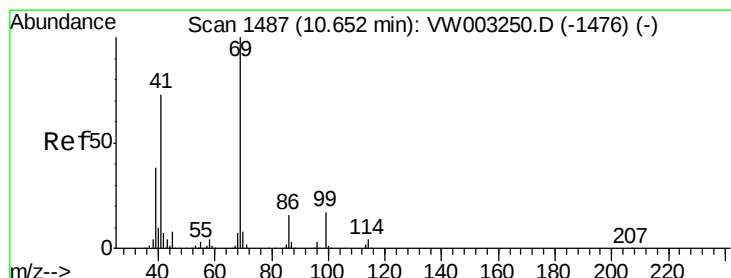
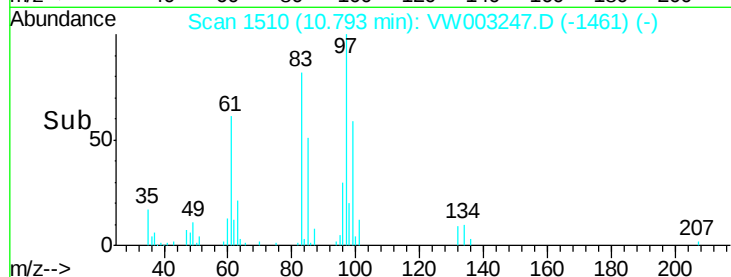
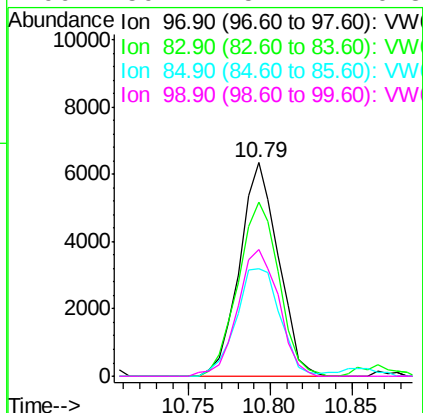
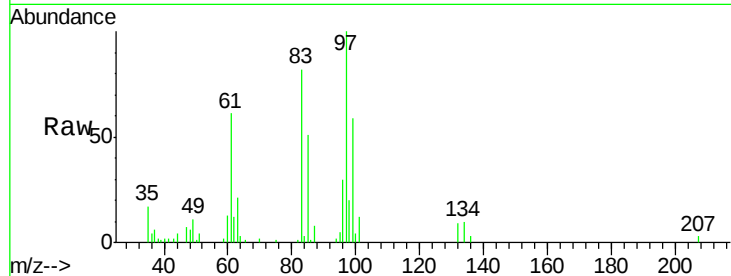
#55
 1,1,2-Trichloroethane
 Concen: 5.076 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	10520
Ion	Ratio	Lower	Upper
97	100		
83	81.7	70.2	105.2
85	50.6	45.6	68.4
99	59.2	51.2	76.8

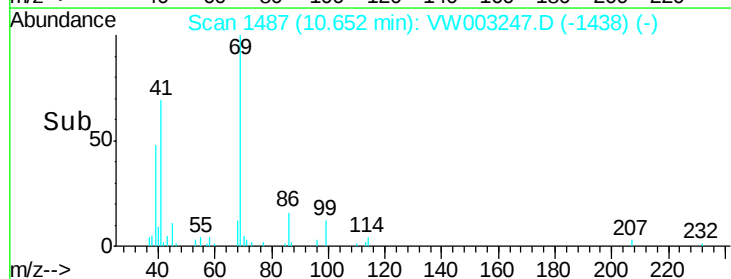
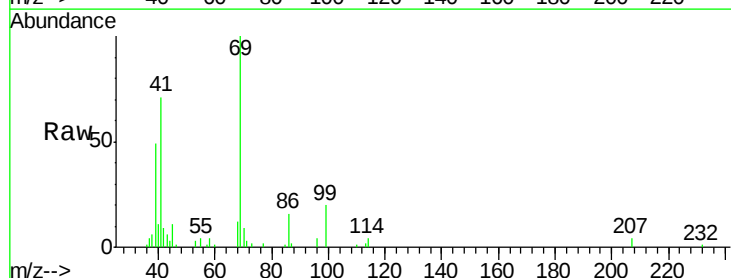
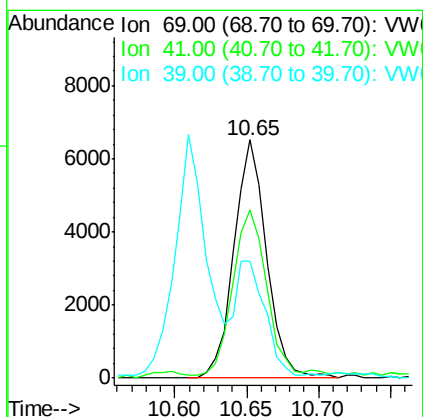
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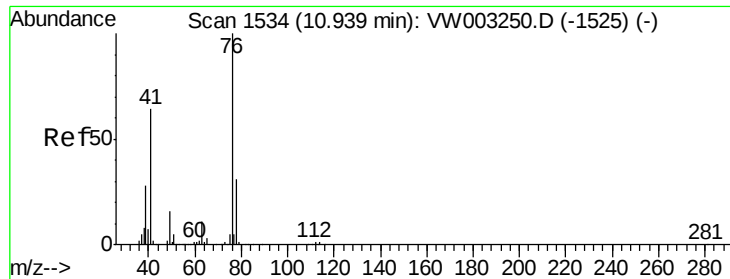
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#56
 Ethyl methacrylate
 Concen: 4.005 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion:	69	Resp:	10287
Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.8	86.6
39	46.7	32.7	49.1





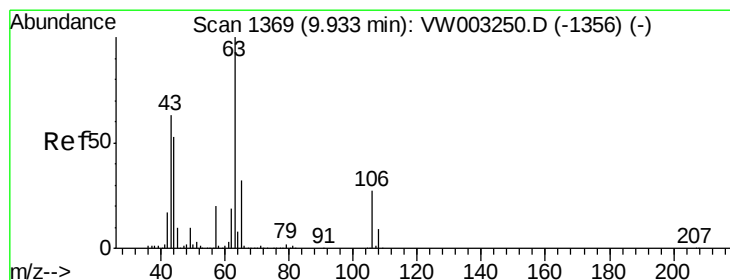
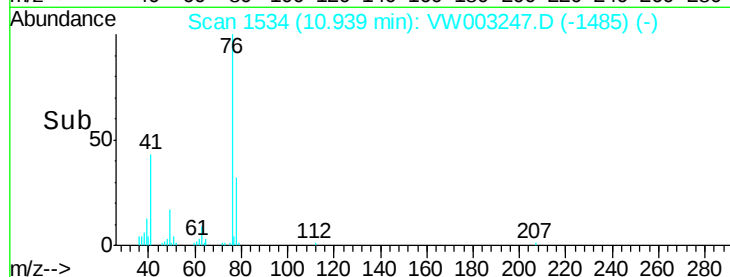
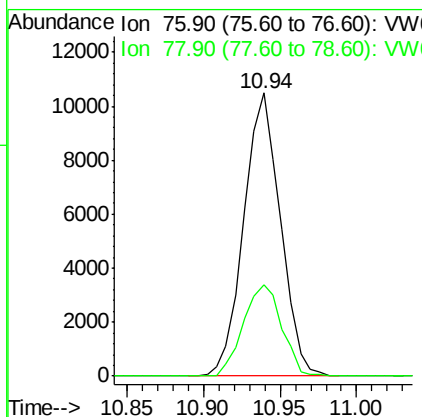
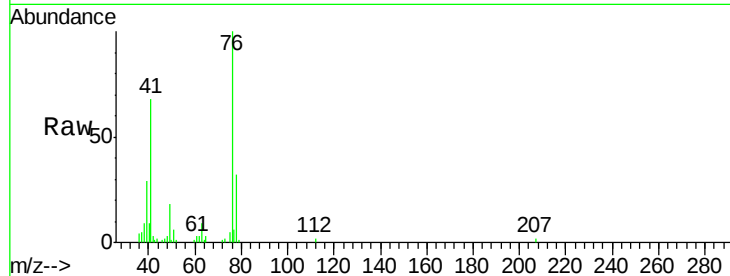
#57
 1,3-Dichloropropane
 Concen: 4.878 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 76 Resp: 17463
 Ion Ratio Lower Upper
 76 100
 78 33.8 25.7 38.5

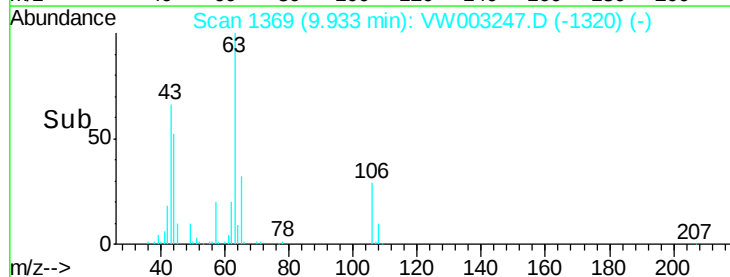
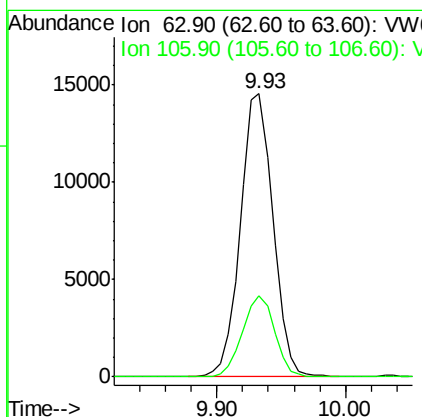
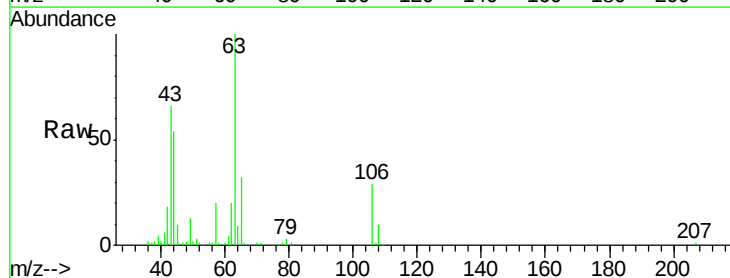
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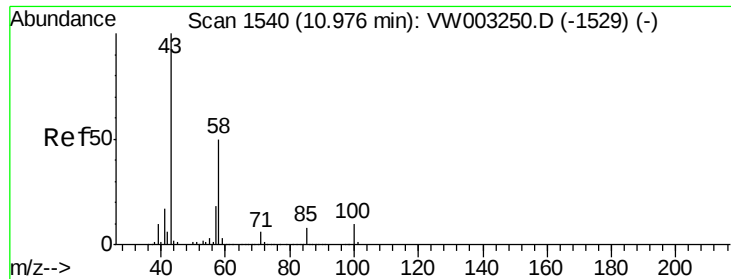
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#58
 2-Chloroethyl Vinyl ether
 Concen: 21.691 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion: 63 Resp: 25413
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8





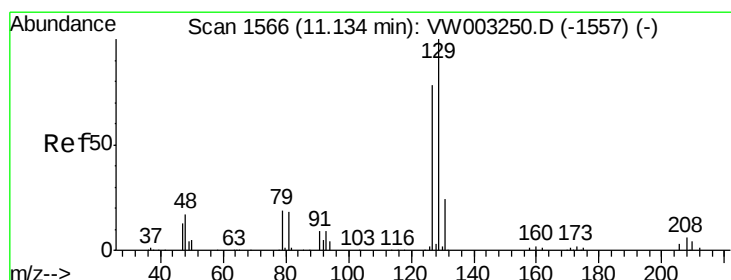
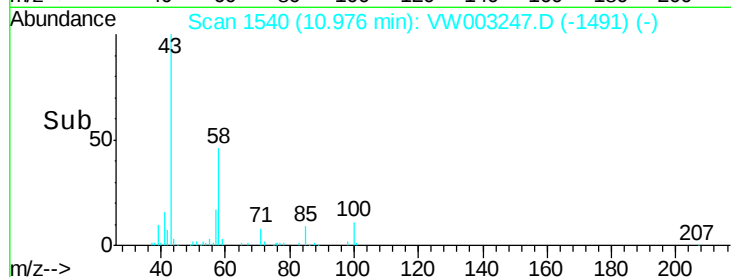
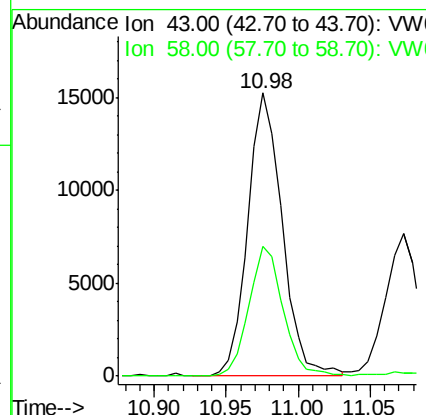
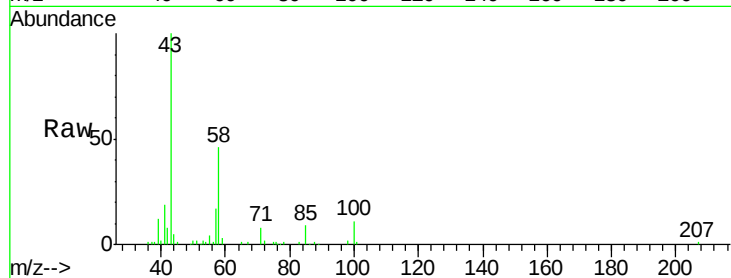
#59
2-Hexanone
Concen: 21.536 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 25264
Ion Ratio Lower Upper
43 100
58 45.5 25.0 75.0

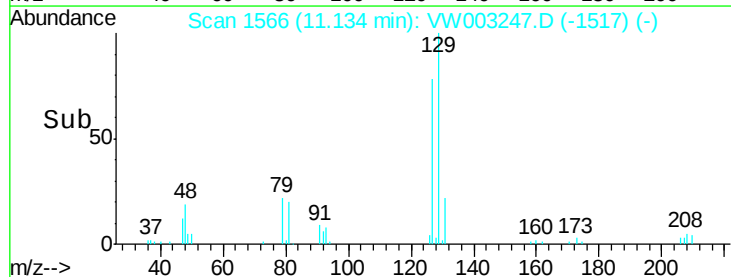
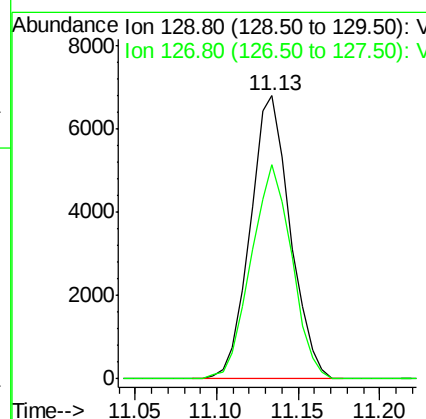
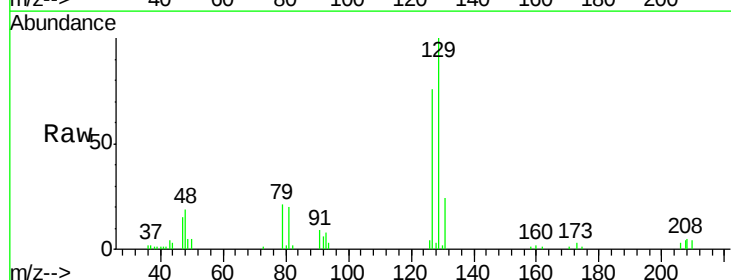
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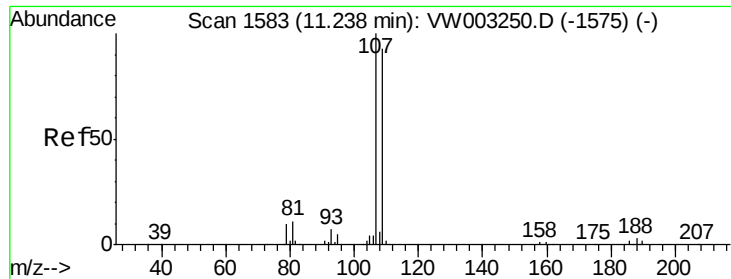
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#60
Dibromochloromethane
Concen: 4.648 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion: 129 Resp: 11583
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.5





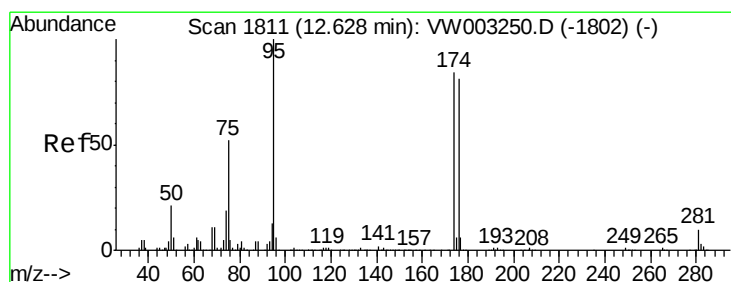
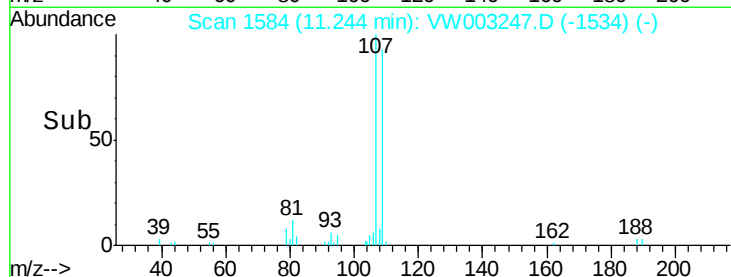
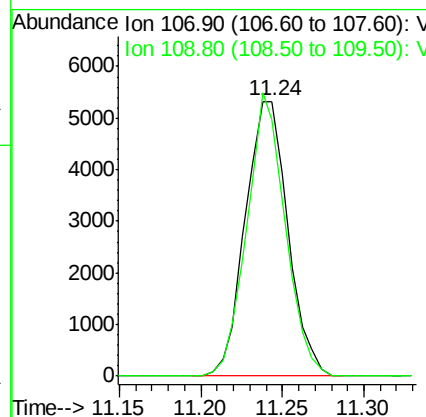
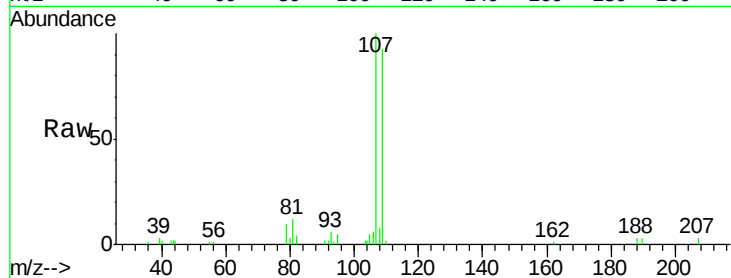
#61
1,2-Dibromoethane
Concen: 4.854 ug/l
RT: 11.24 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 107 Resp: 9693
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.6

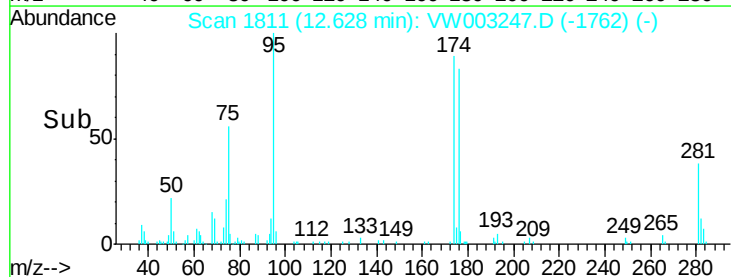
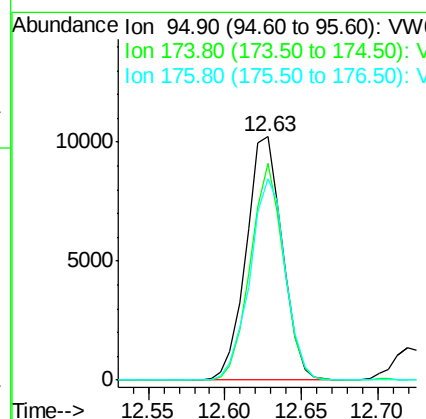
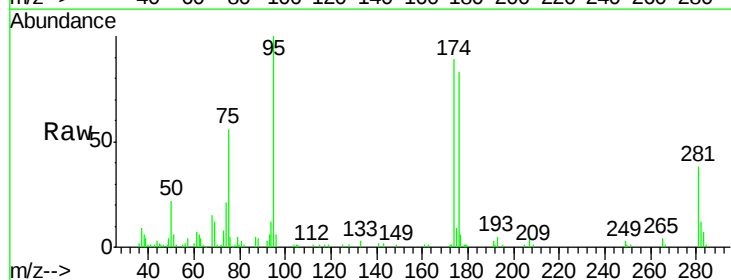
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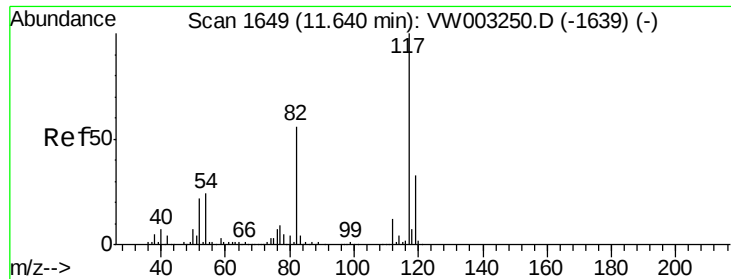
apatel
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#62
4-Bromofluorobenzene
Concen: 4.740 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion: 95 Resp: 16754
Ion Ratio Lower Upper
95 100
174 82.3 0.0 166.4
176 81.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

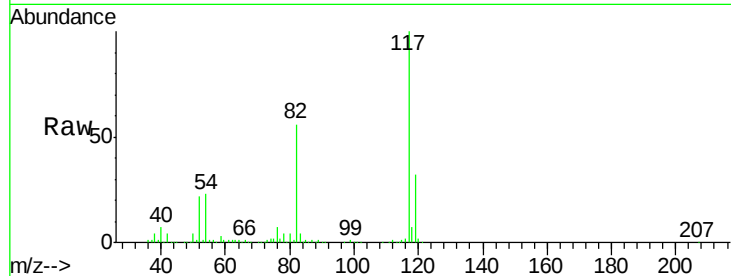
ClientSampleId :

VSTDIC005

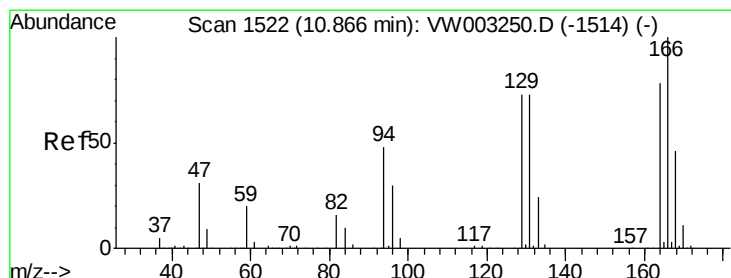
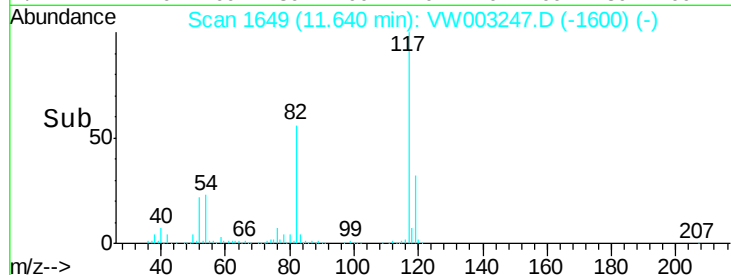
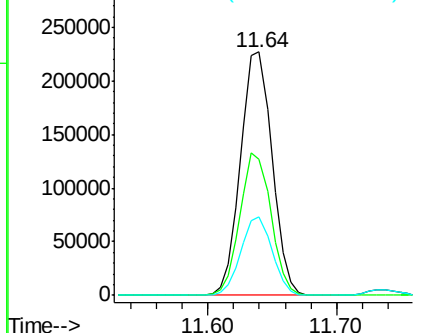
Tgt Ion:	117	Resp:	386377
Ion Ratio	Lower	Upper	
117	100		
82	55.9	44.6	67.0
119	32.3	26.7	40.1

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.932 ug/l

RT: 10.87 min Scan# 1522

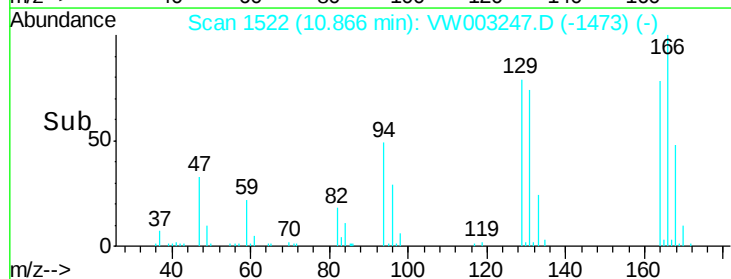
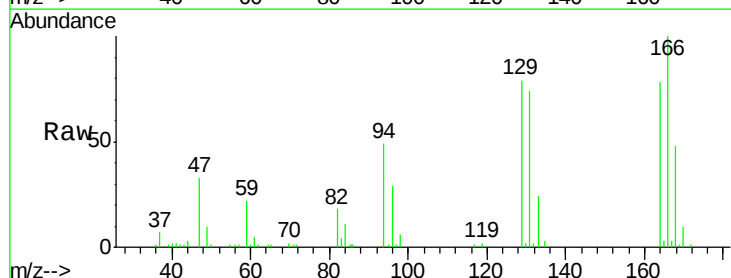
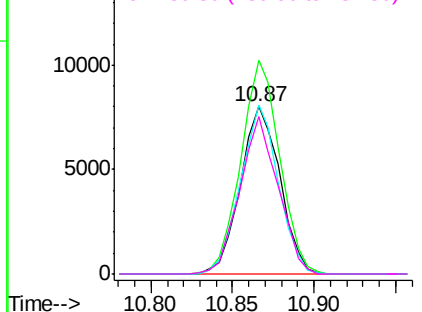
Delta R.T. 0.00 min

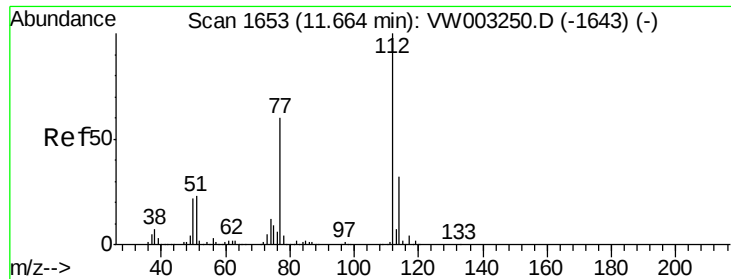
Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Tgt Ion:	164	Resp:	13496
Ion Ratio	Lower	Upper	
164	100		
166	127.8	102.6	154.0
129	101.3	75.2	112.8
131	94.5	75.0	112.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.225 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion:112 Resp: 41509

Ion Ratio Lower Upper

112 100

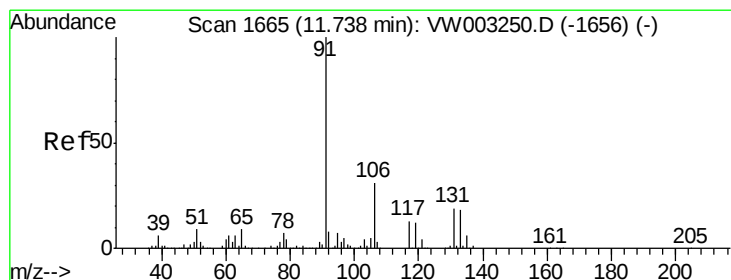
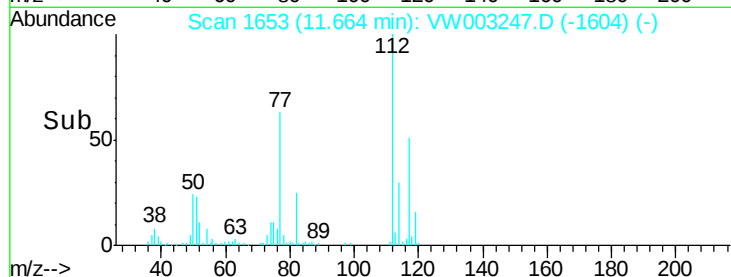
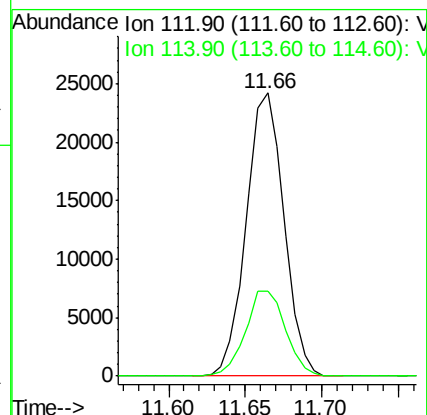
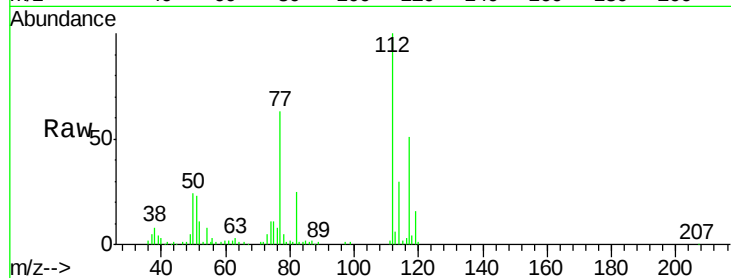
114 30.0 25.9 38.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 4.949 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

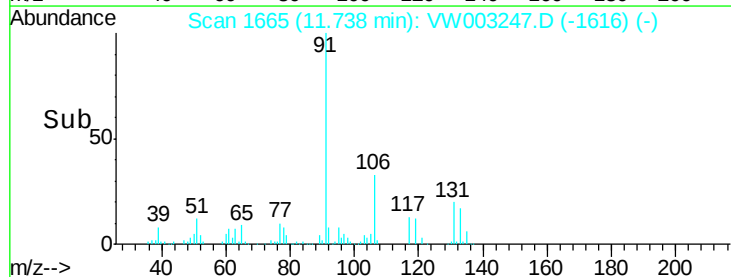
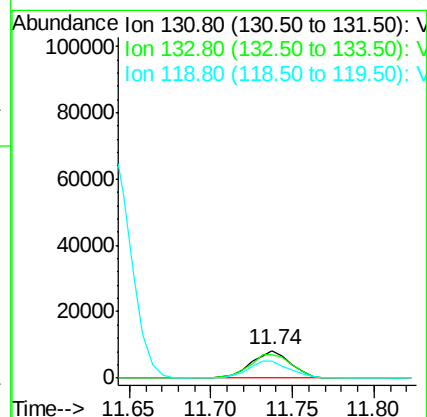
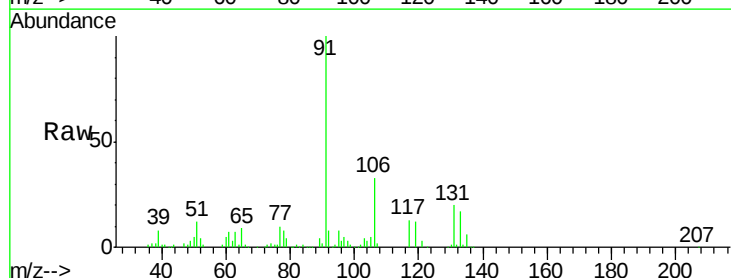
Tgt Ion:131 Resp: 13716

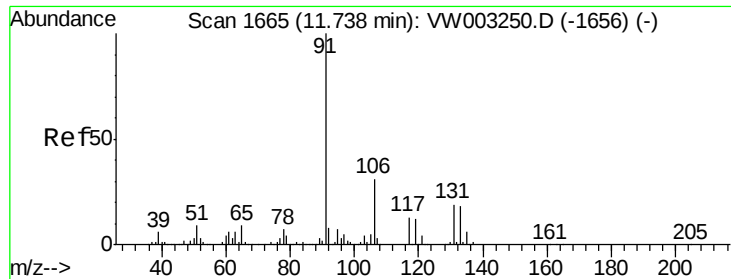
Ion Ratio Lower Upper

131 100

133 94.8 47.3 142.0

119 64.0 32.5 97.4





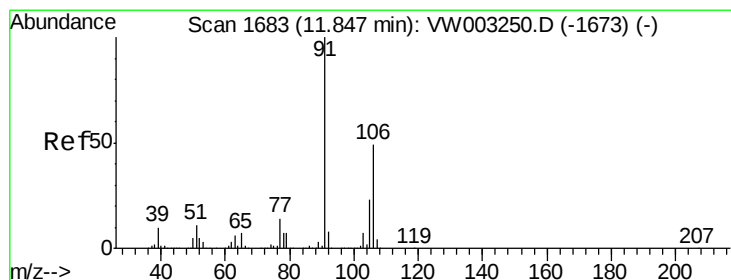
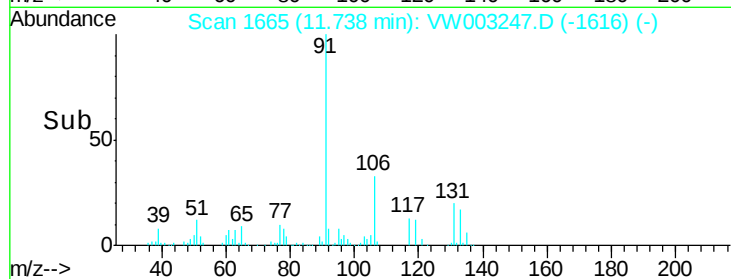
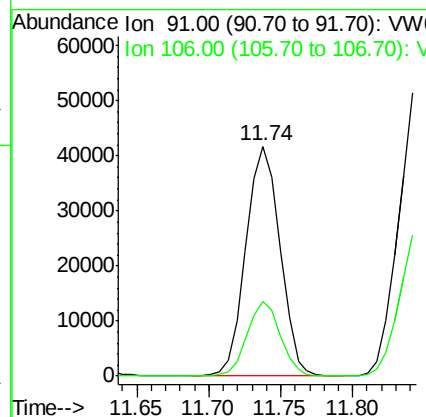
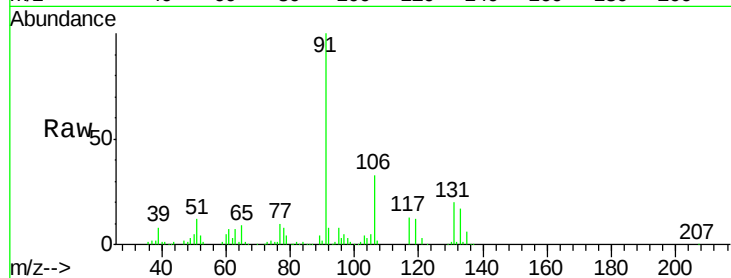
#67
Ethyl Benzene
Concen: 4.881 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 68579
Ion Ratio Lower Upper
91 100
106 32.7 24.7 37.1

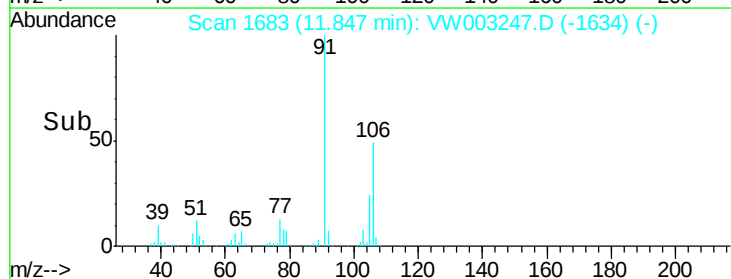
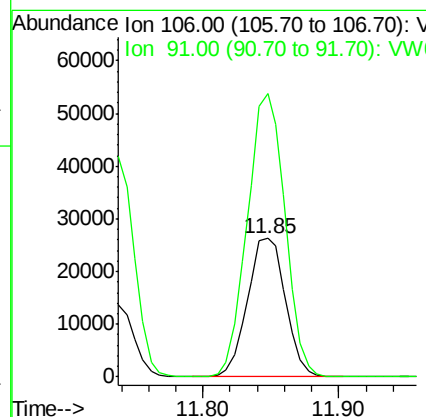
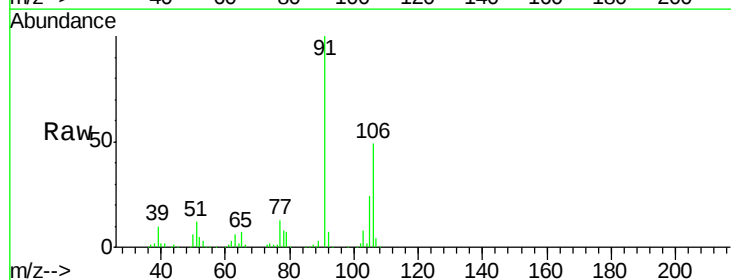
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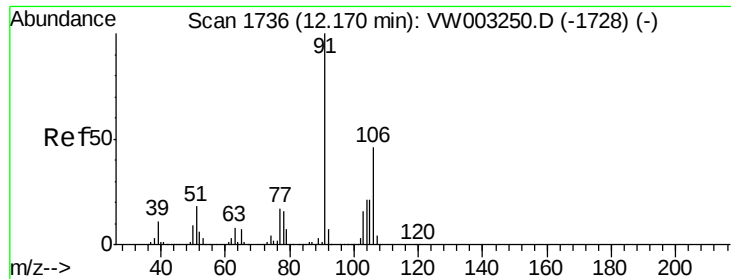
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#68
m/p-Xylenes
Concen: 9.594 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion: 106 Resp: 51533
Ion Ratio Lower Upper
106 100
91 202.7 165.4 248.0





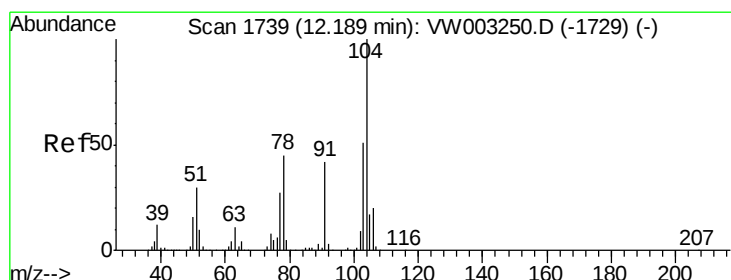
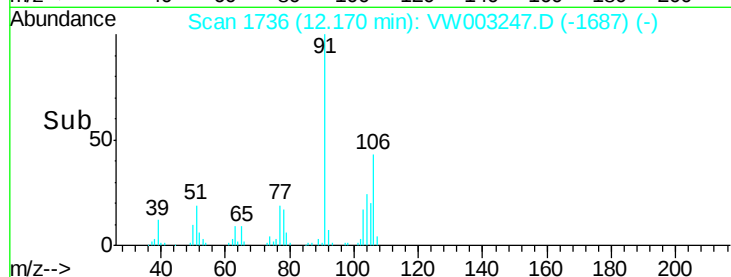
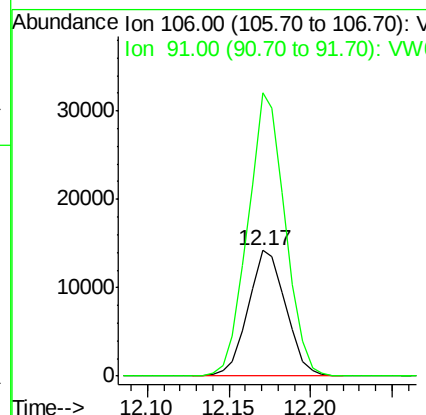
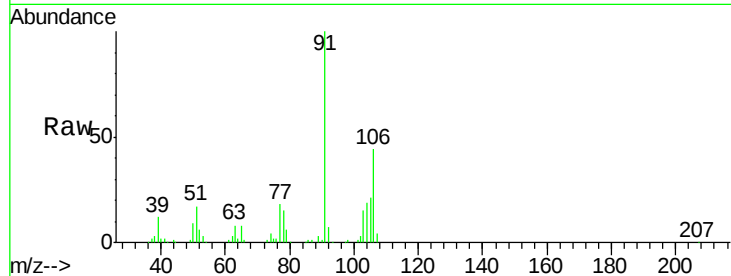
#69
o-Xylene
Concen: 4.518 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 22883
Ion Ratio Lower Upper
106 100
91 222.2 108.6 325.6

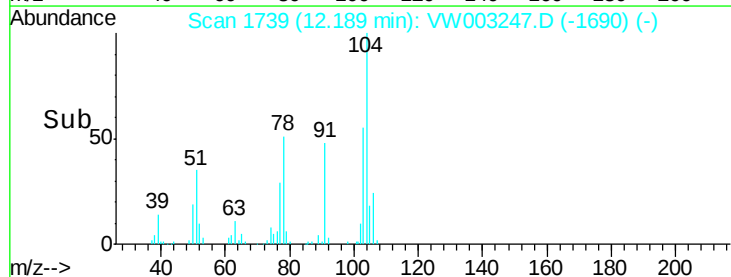
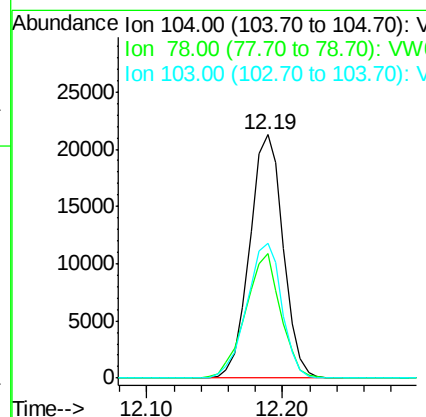
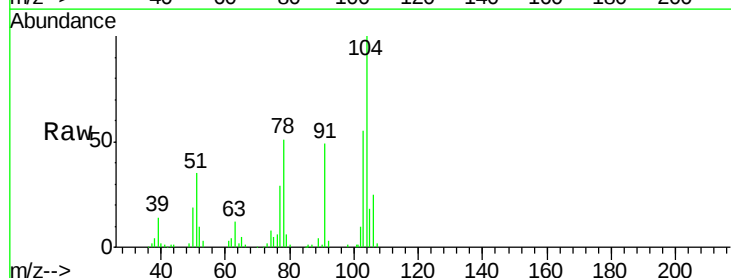
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#70
Styrene
Concen: 4.337 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion:104 Resp: 36678
Ion Ratio Lower Upper
104 100
78 53.7 41.3 61.9
103 58.2 45.0 67.4





#71

Bromoform

Concen: 4.443 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

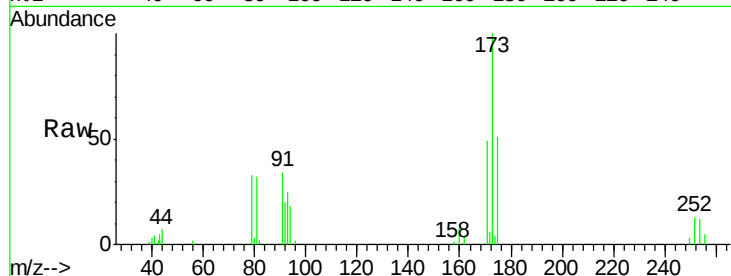
ClientSampleId :

VSTDIC005

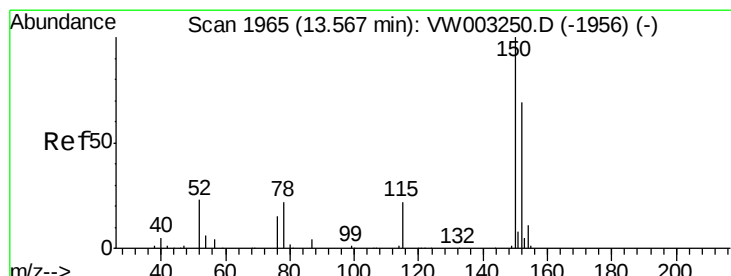
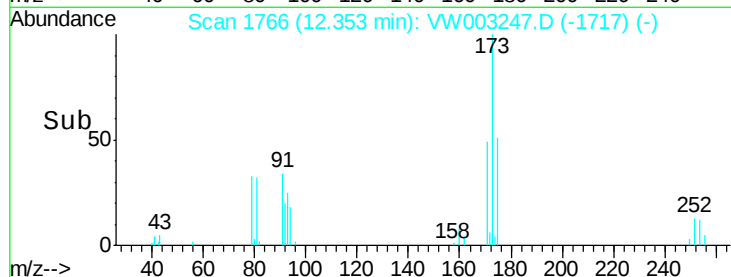
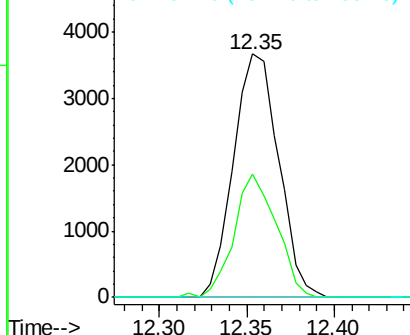
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.4	73.4
254	0.0	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

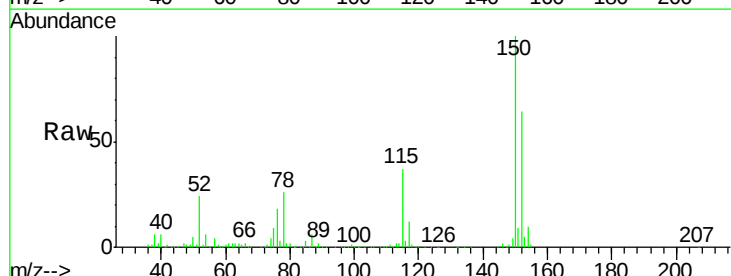
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

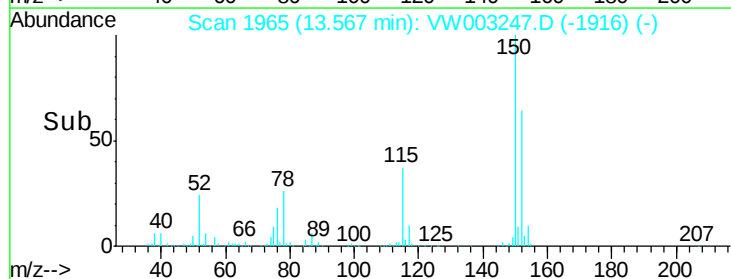
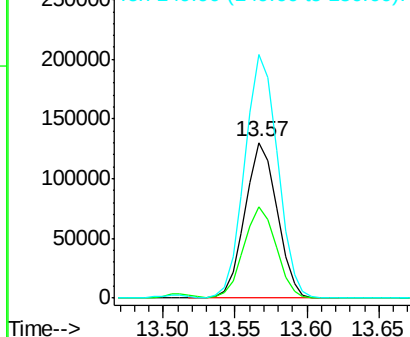
Lab File: VW003247.D

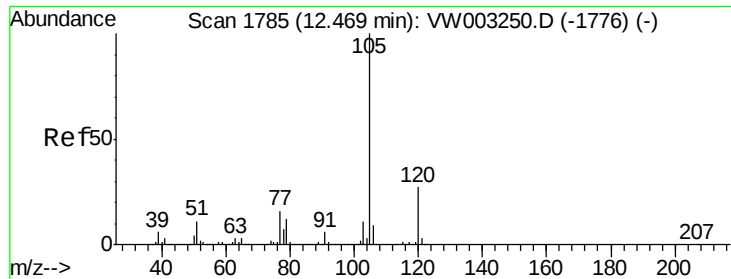
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.3	88.0
150	160.3	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





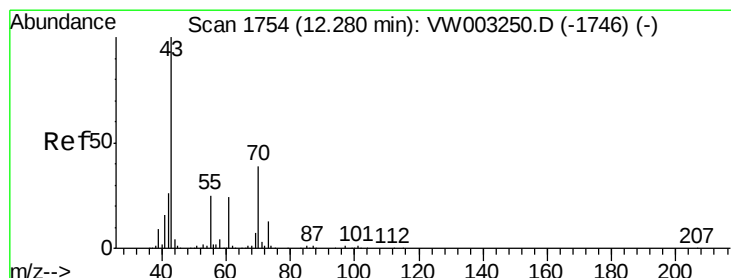
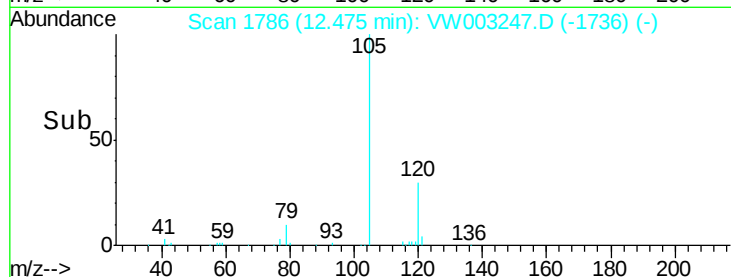
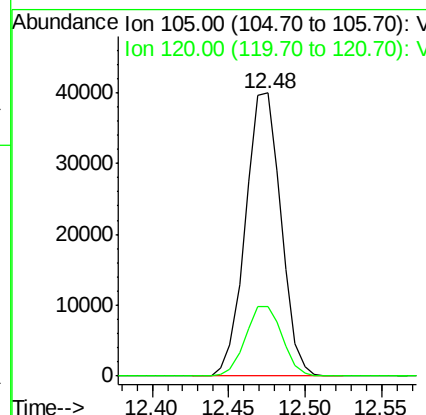
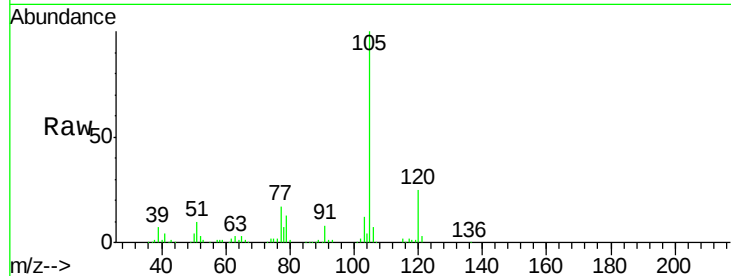
#73
Isopropylbenzene
Concen: 4.612 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 105 Resp: 64328
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.6

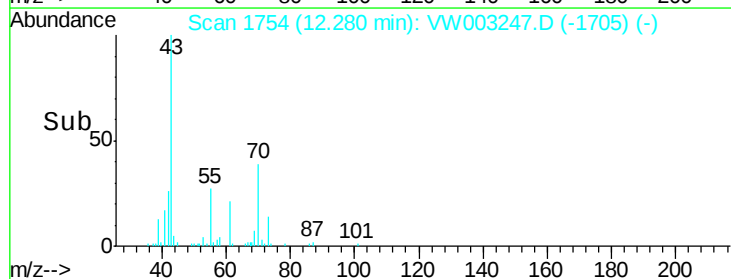
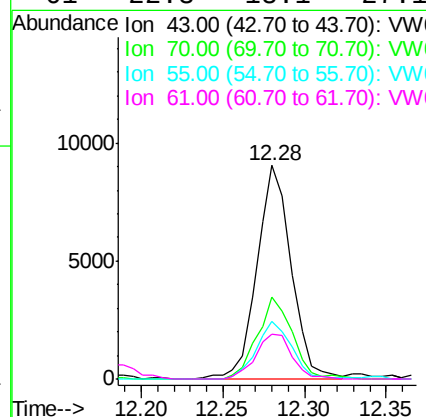
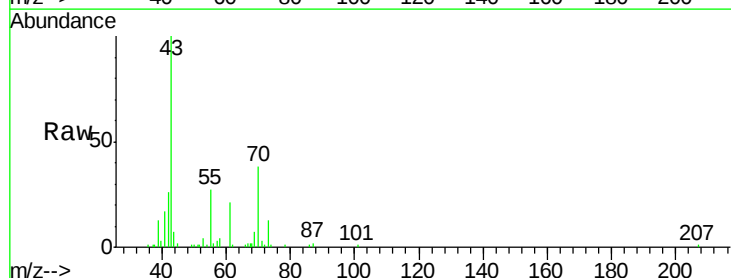
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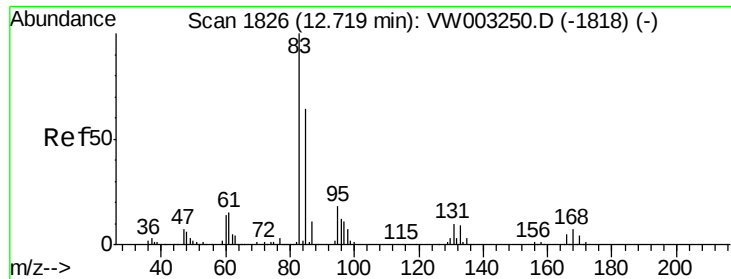
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#74
N-ethyl acetate
Concen: 4.145 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion: 43 Resp: 13321
Ion Ratio Lower Upper
43 100
70 39.0 31.0 46.6
55 27.7 19.7 29.5
61 22.3 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 4.880 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

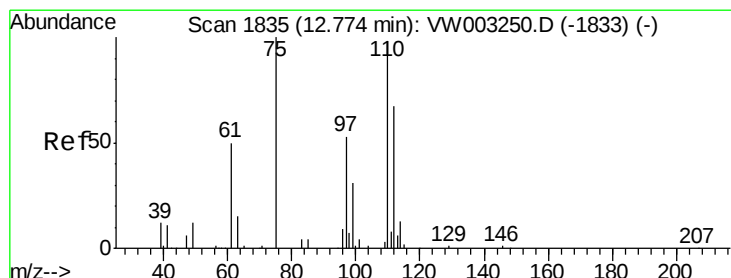
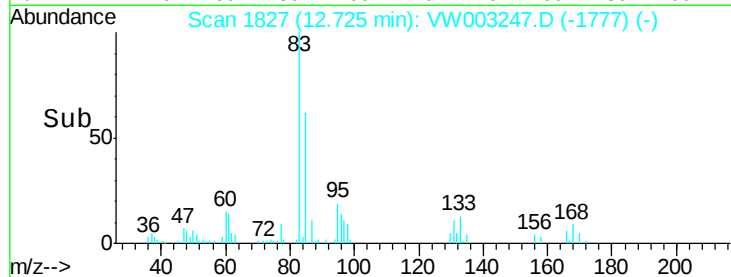
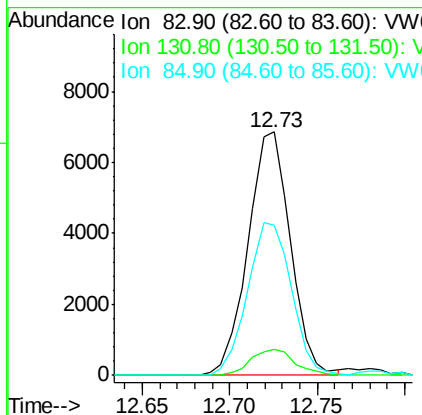
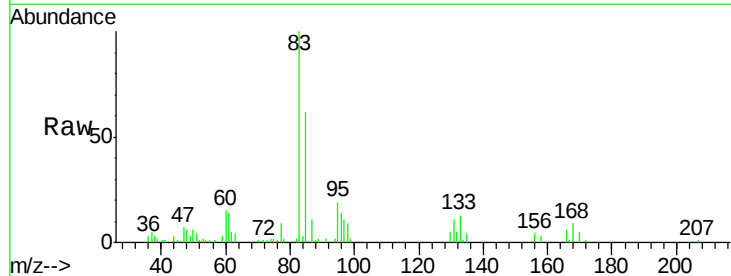
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	11594
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.4	16.2
85	64.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 4.913 ug/l m

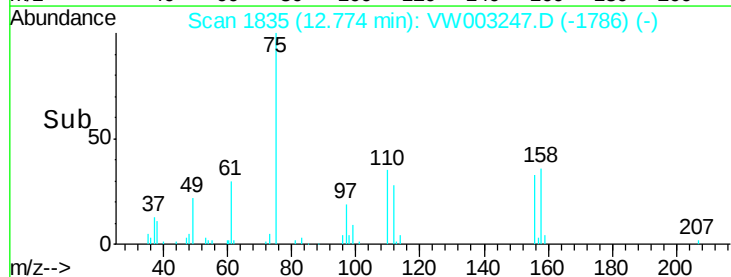
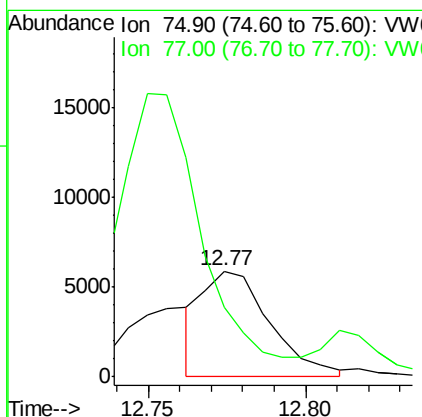
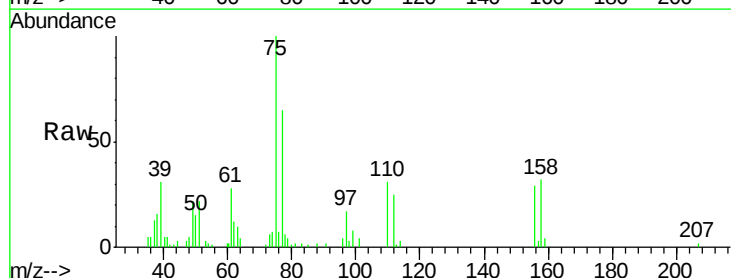
RT: 12.77 min Scan# 1835

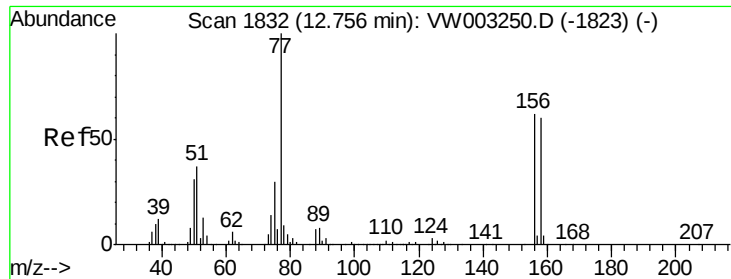
Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Tgt Ion:	75	Resp:	8779
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.938 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Instrument :

MSVOA_W

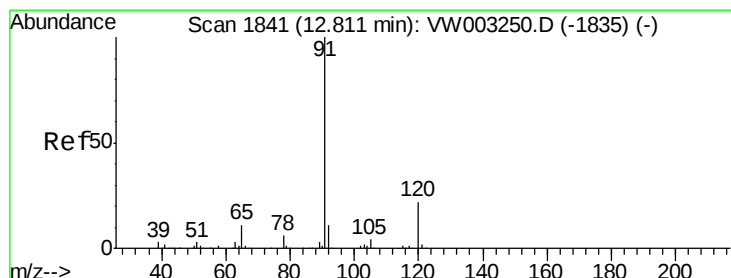
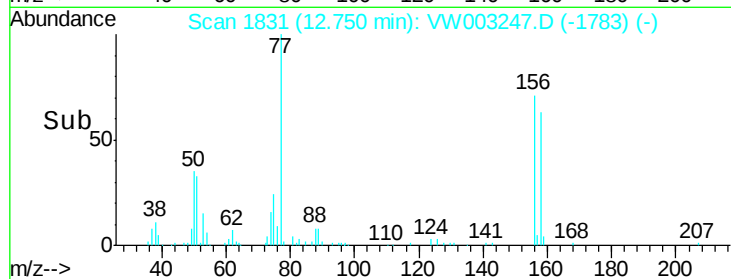
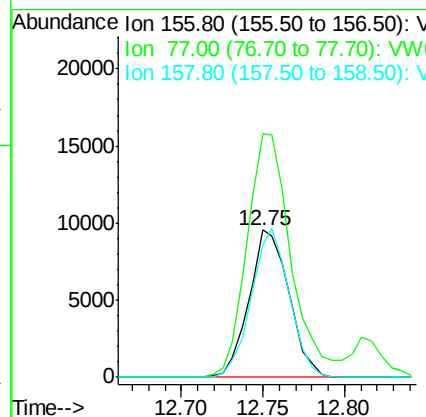
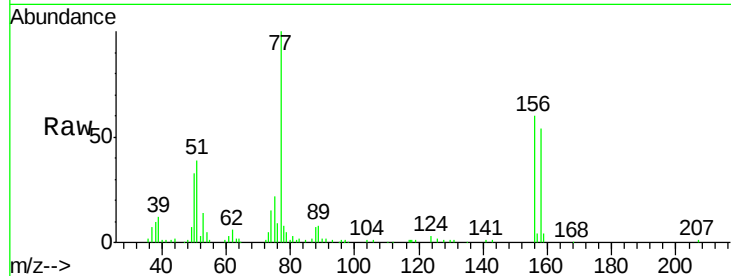
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	183.9	92.3	276.9
158	95.6	47.5	142.6

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#78

n-propylbenzene

Concen: 4.754 ug/l

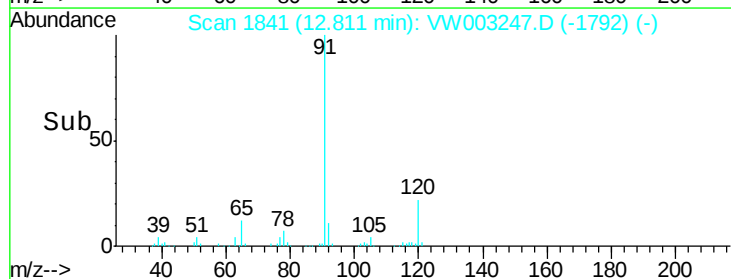
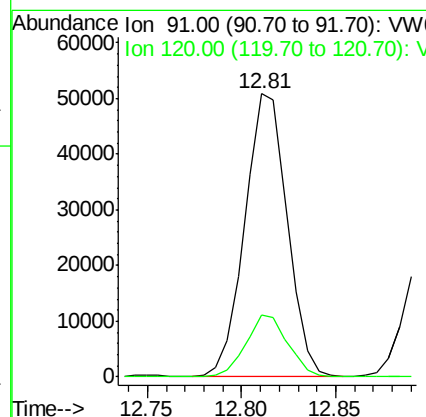
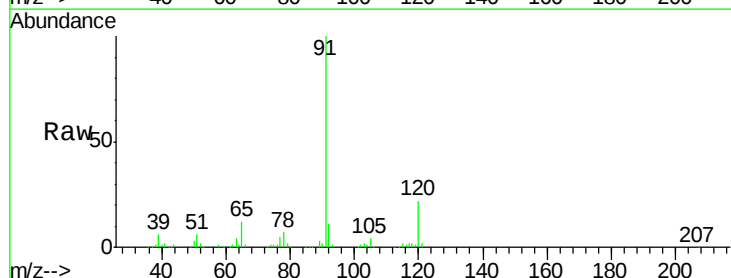
RT: 12.81 min Scan# 1841

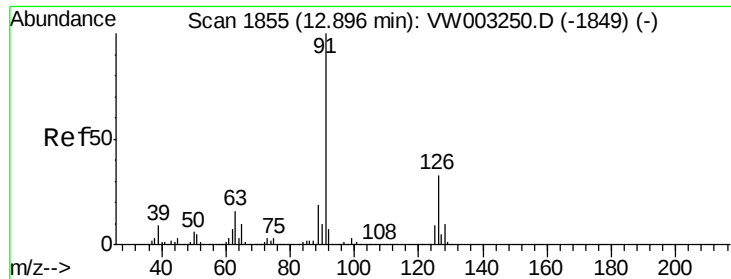
Delta R.T. 0.00 min

Lab File: VW003247.D

Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.3	33.8





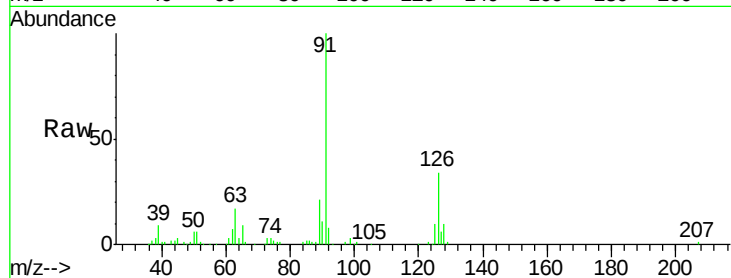
#79
 2-Chlorotoluene
 Concen: 4.921 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

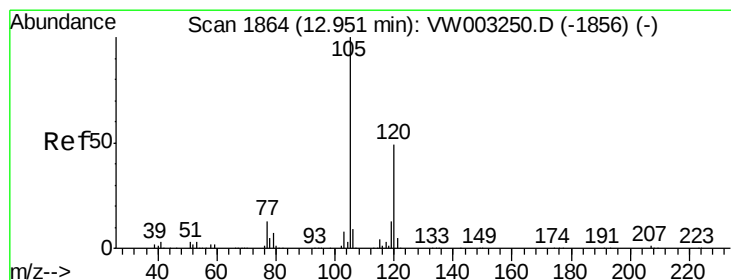
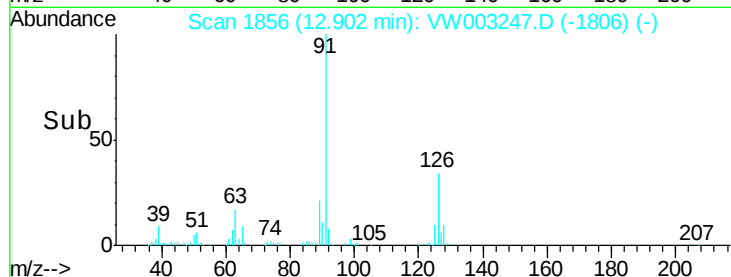
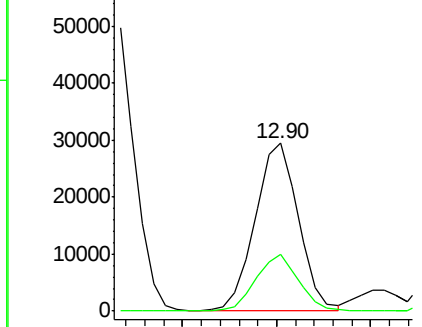
Tgt Ion: 91 Resp: 46566
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.8 50.4

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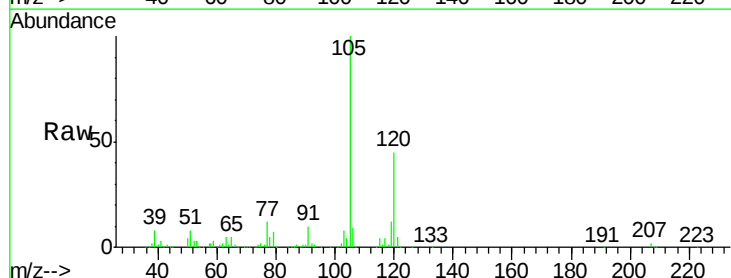


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

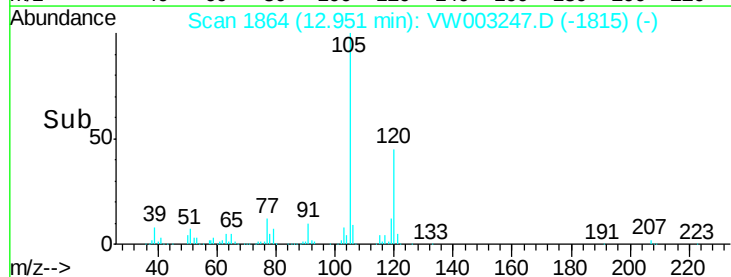
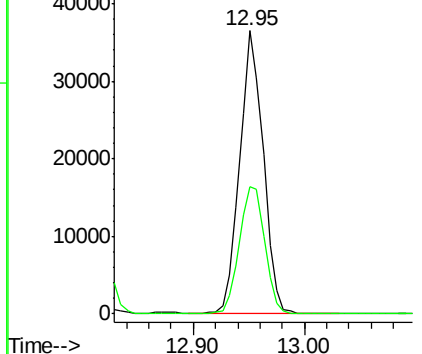


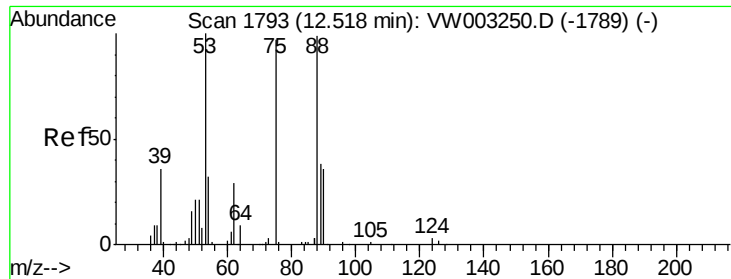
#80
 1,3,5-Trimethylbenzene
 Concen: 4.633 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion: 105 Resp: 53885
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





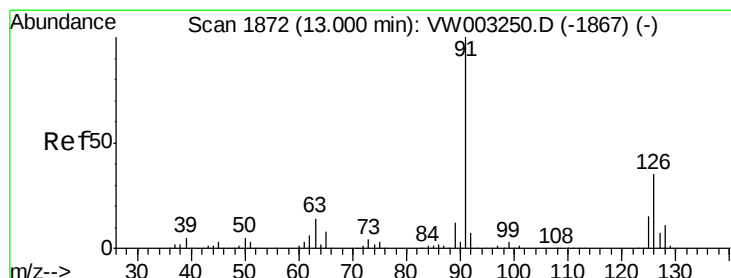
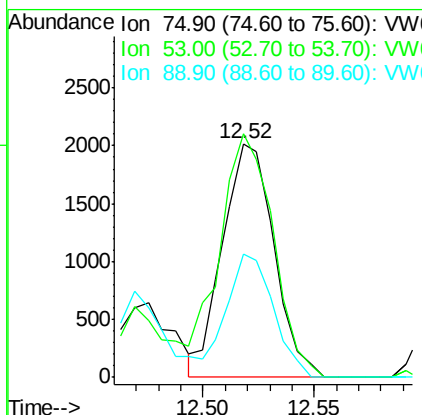
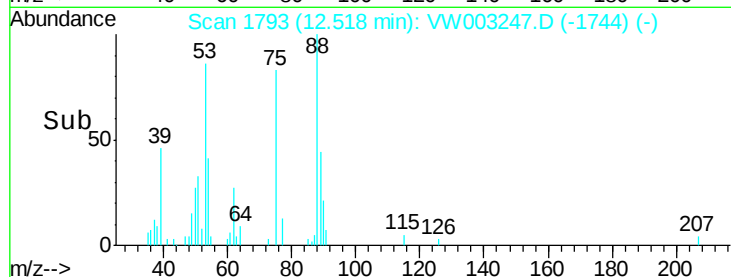
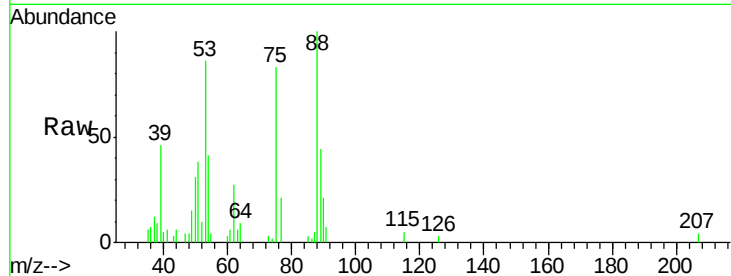
#81
trans-1,4-Dichloro-2-butene
Concen: 4.595 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.3	82.9	124.3
89	47.7	36.7	55.1

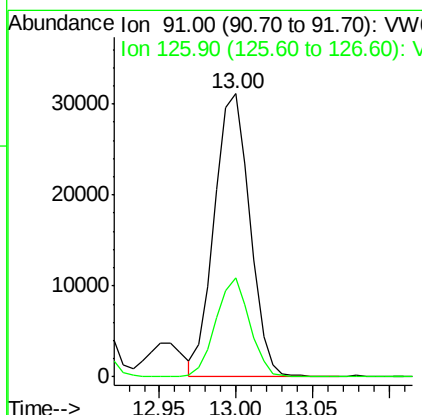
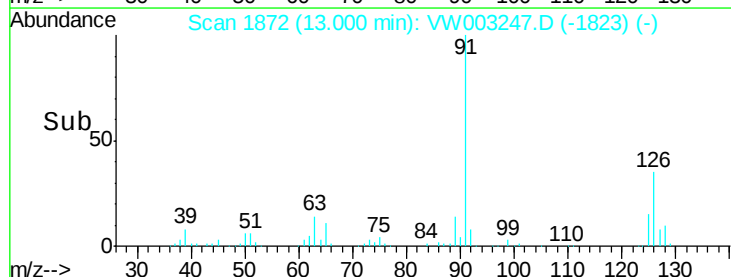
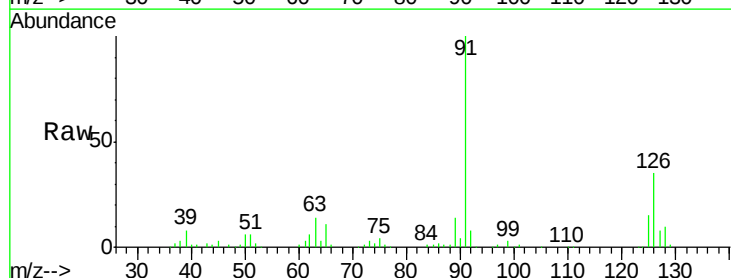
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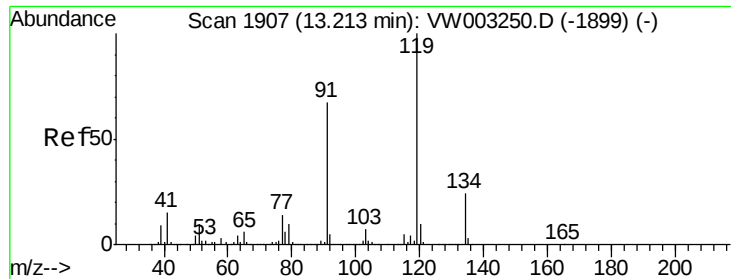
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#82
4-Chlorotoluene
Concen: 4.948 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.3





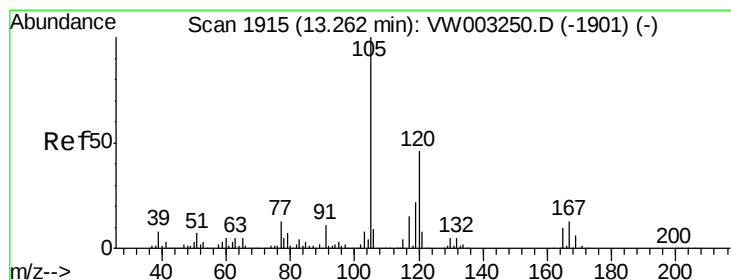
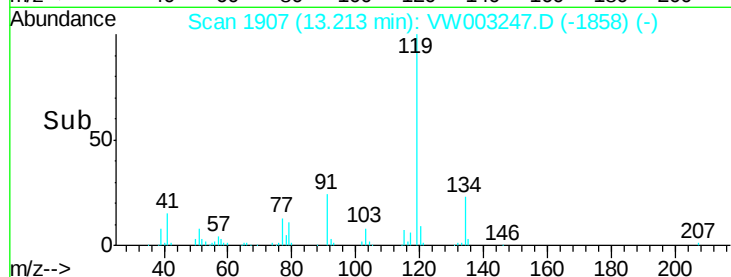
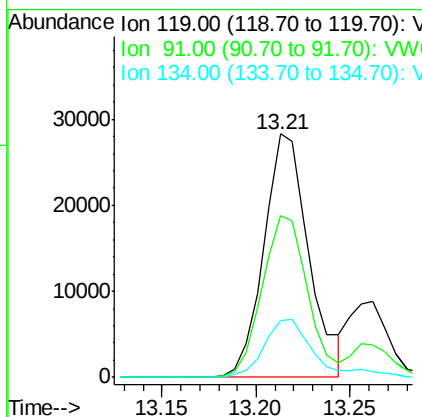
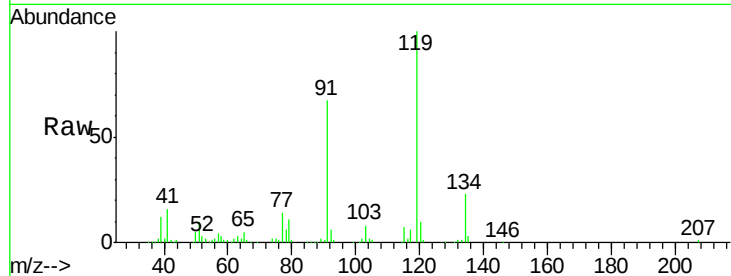
#83
 tert-Butylbenzene
 Concen: 4.580 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.9	101.7
134	26.6	13.4	40.1

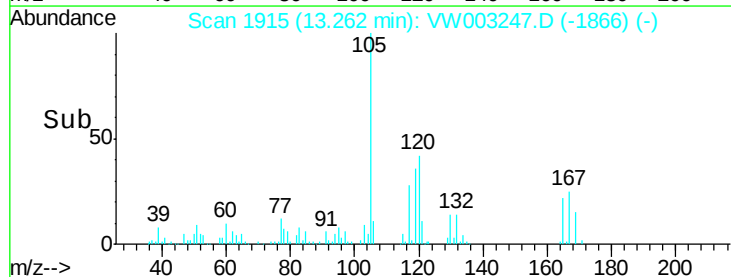
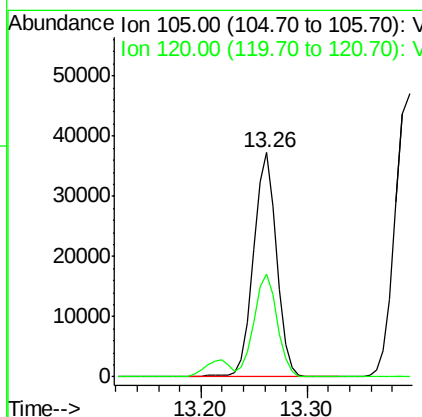
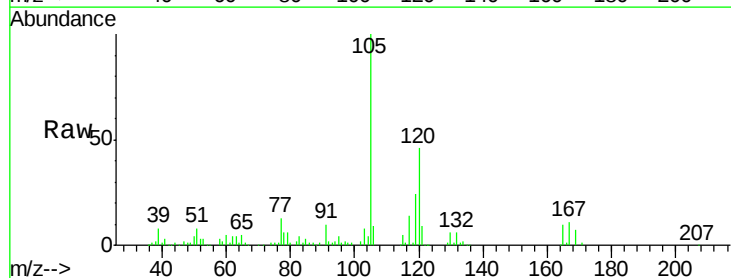
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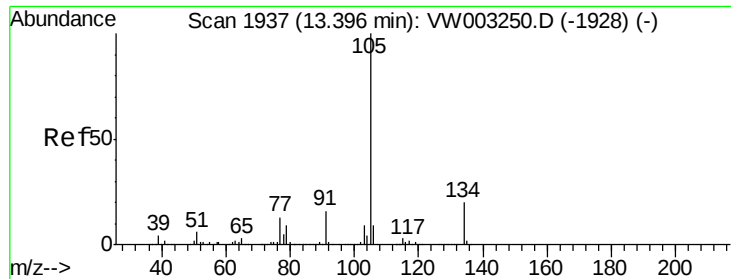
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.723 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.5	67.5





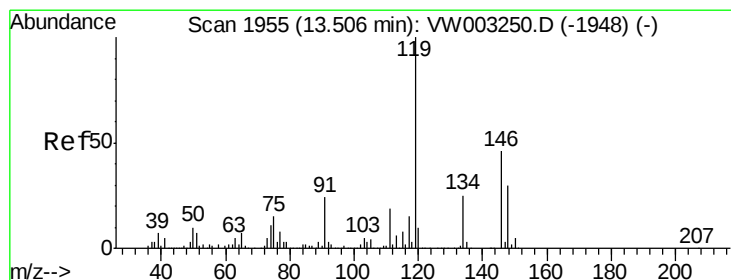
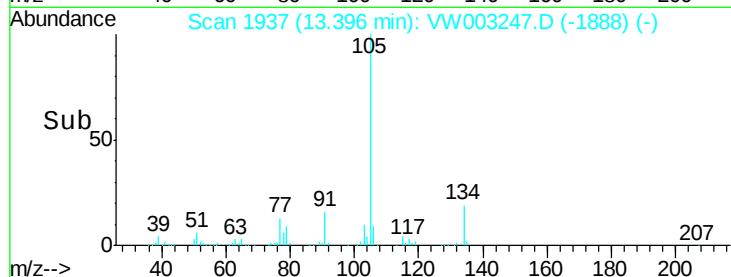
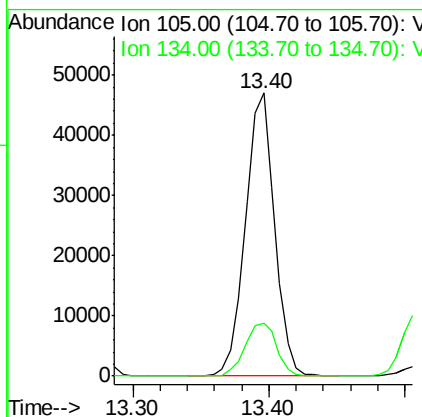
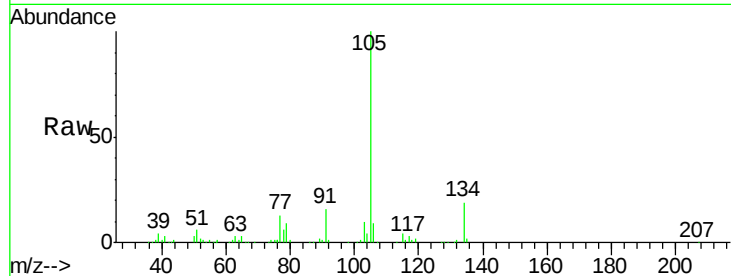
#85
 sec-Butylbenzene
 Concen: 4.835 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 70309
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.5

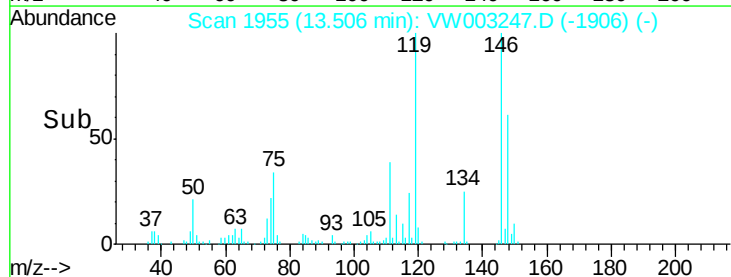
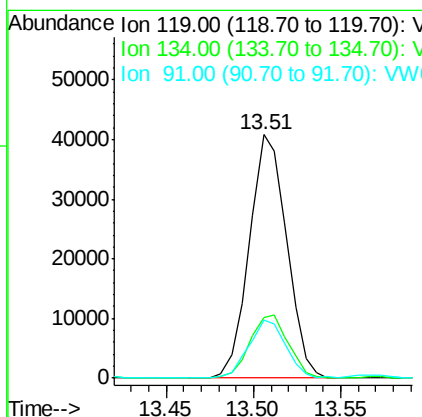
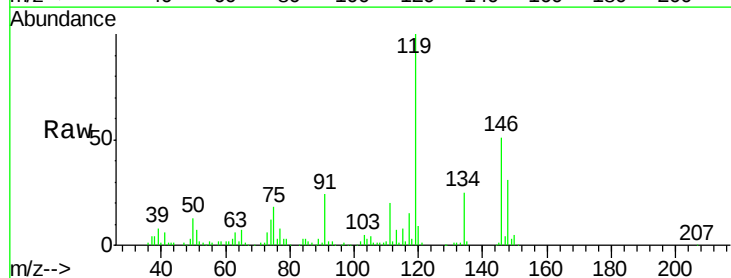
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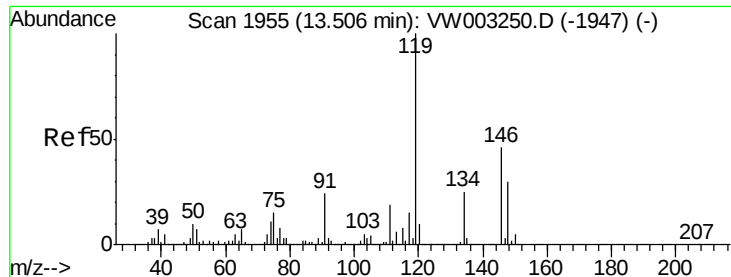
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#86
 p-Isopropyltoluene
 Concen: 4.664 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion:119 Resp: 60648
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.7
 91 23.9 11.8 35.3





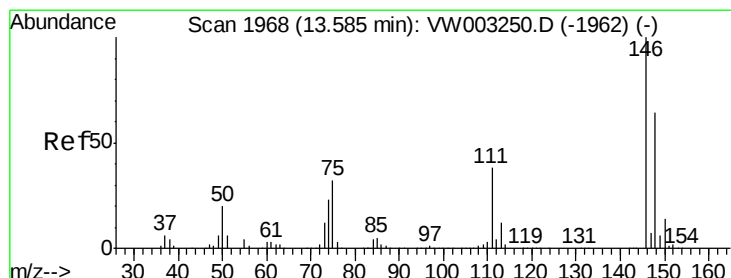
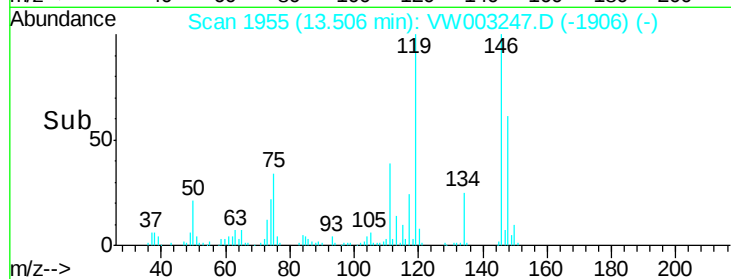
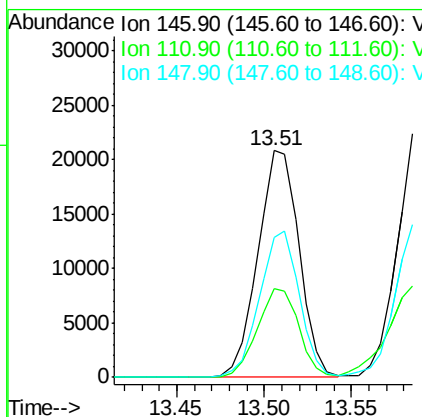
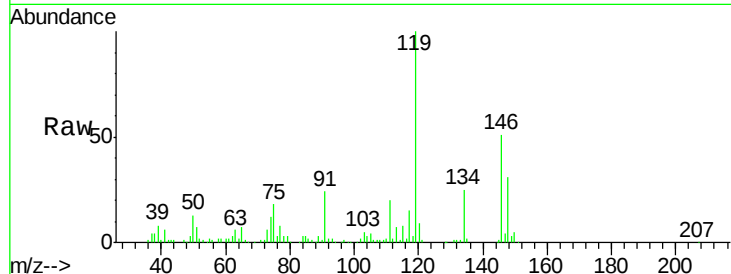
#87
 1,3-Dichlorobenzene
 Concen: 5.143 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.4
148	62.3	32.1	96.5

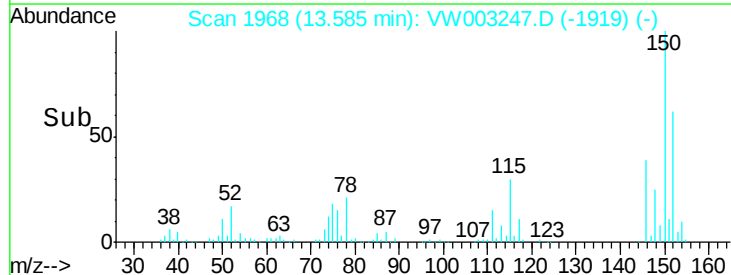
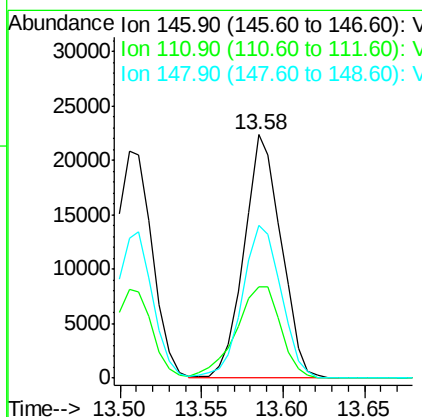
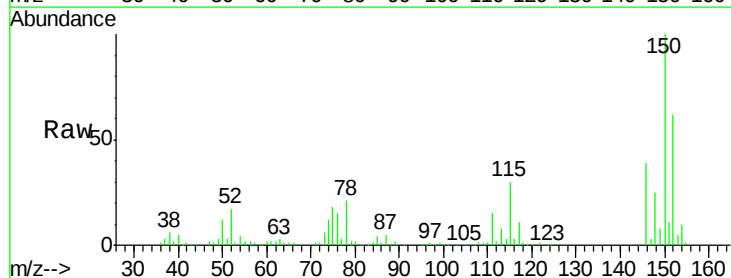
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#88
 1,4-Dichlorobenzene
 Concen: 5.361 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.6	19.2	57.6
148	65.9	31.8	95.4





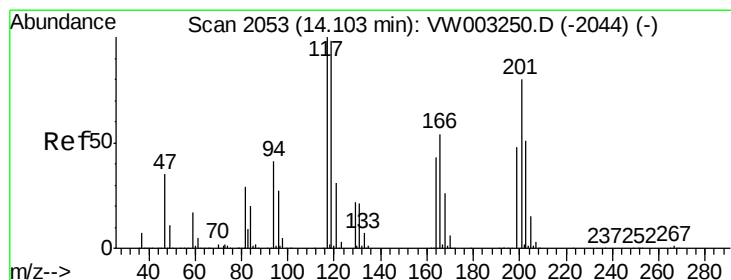
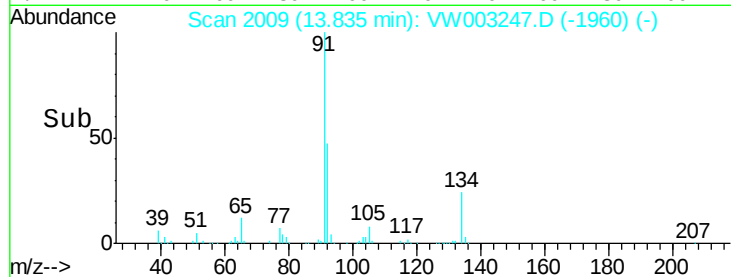
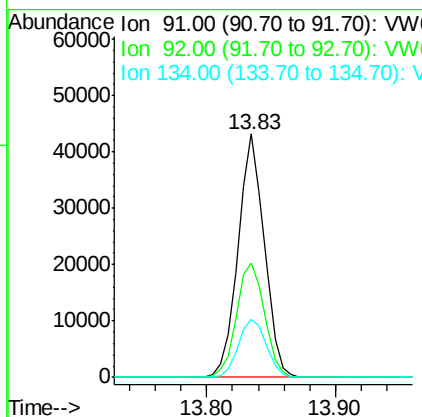
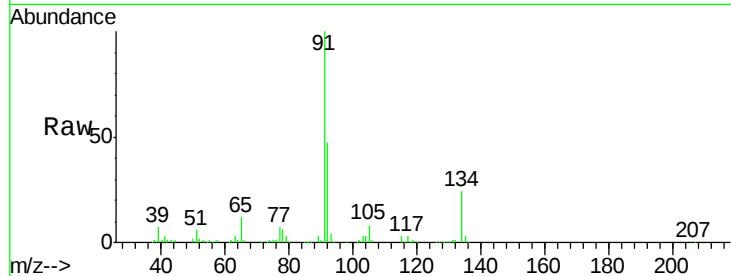
#89
n-Butylbenzene
Concen: 4.945 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.0	78.0
134	25.4	12.7	38.0

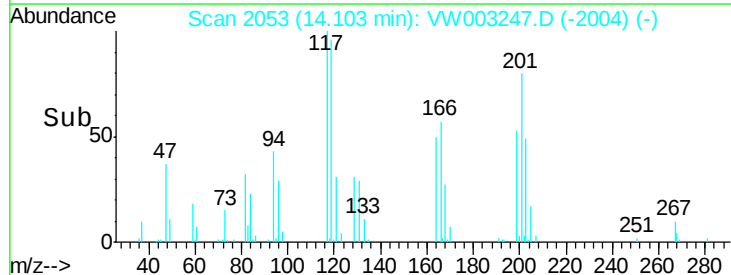
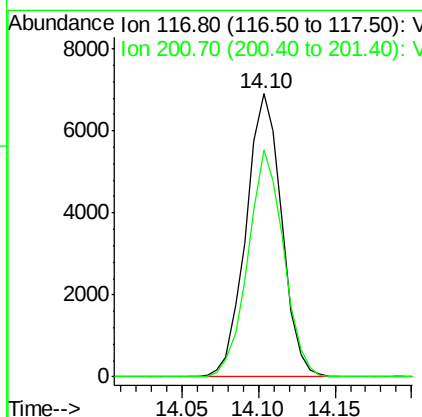
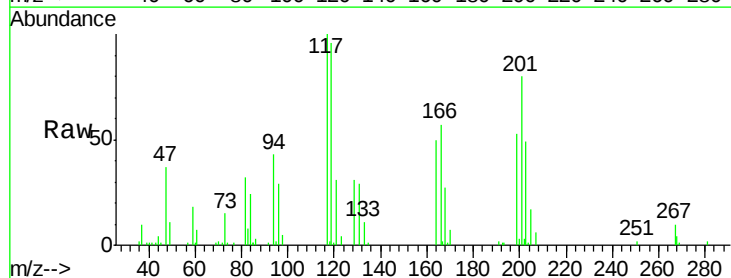
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#90
Hexachloroethane
Concen: 4.857 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.0	39.5	118.5





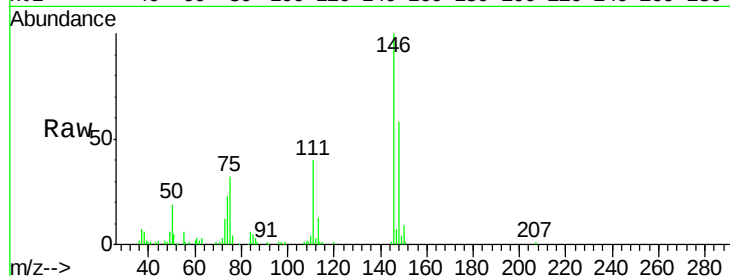
#91
 1,2-Dichlorobenzene
 Concen: 5.057 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

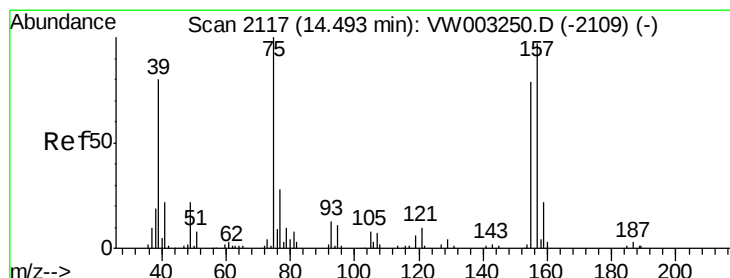
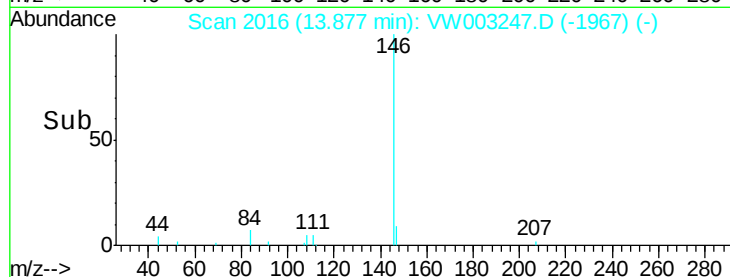
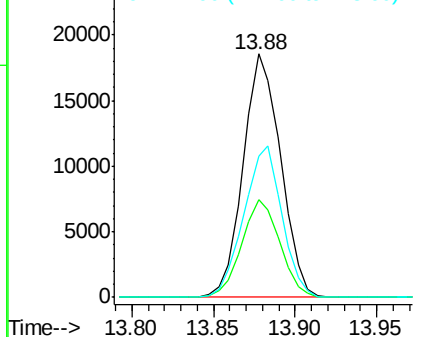
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	29808		
111	40.7	20.3	61.0	
148	63.1	32.3	96.9	

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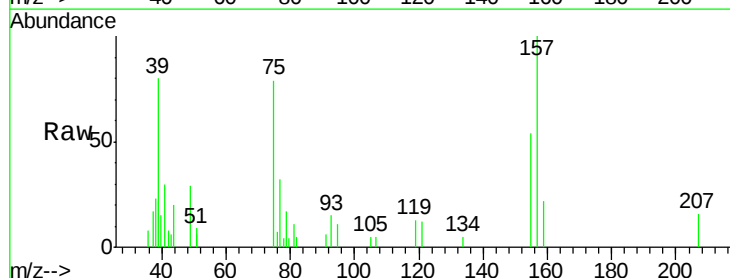


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

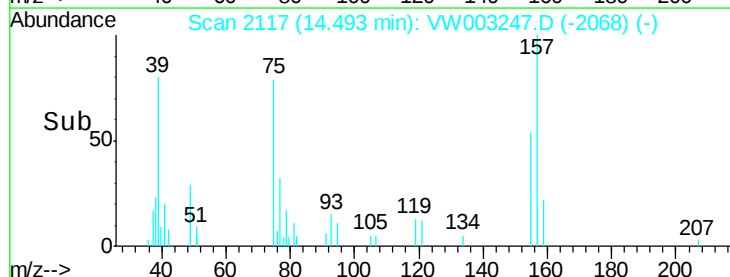
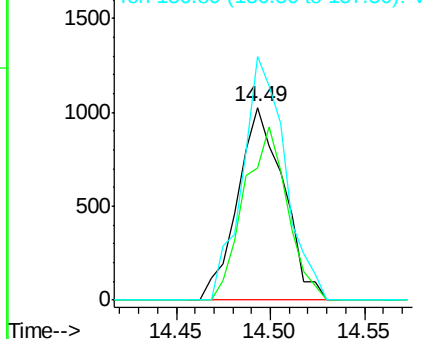


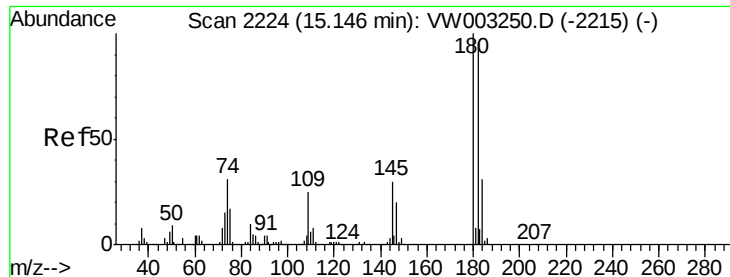
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.257 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1737		
155	84.4	39.4	118.2	
157	118.1	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





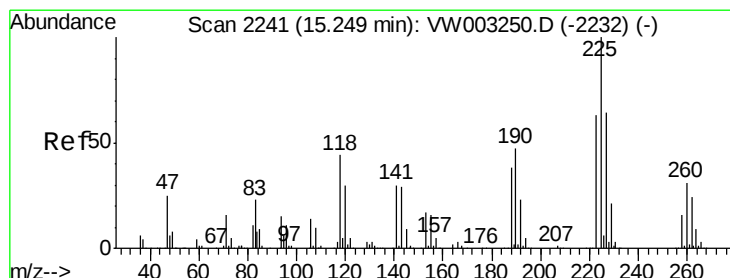
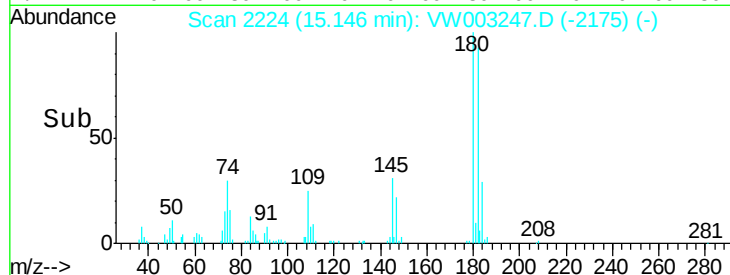
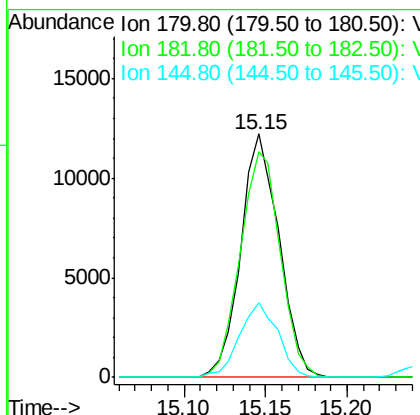
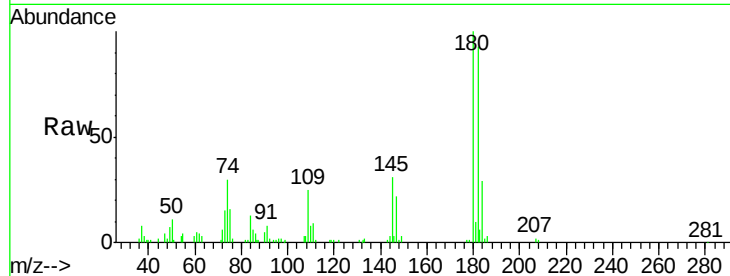
#93
 1,2,4-Trichlorobenzene
 Concen: 4.750 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.9	143.6
145	30.6	15.2	45.5

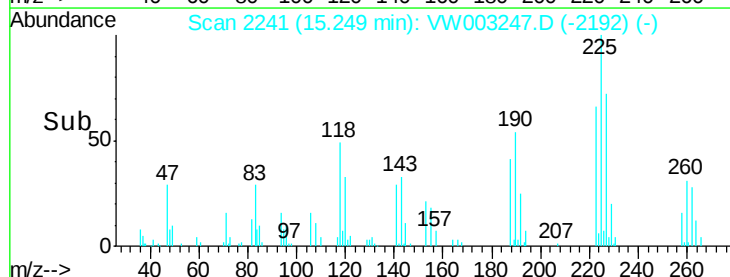
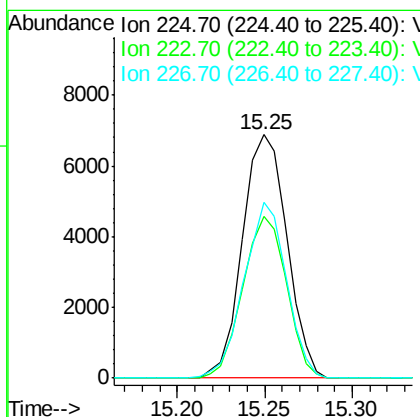
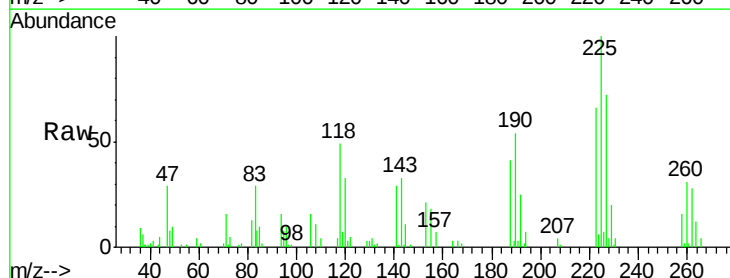
Manual Integrations
 APPROVED

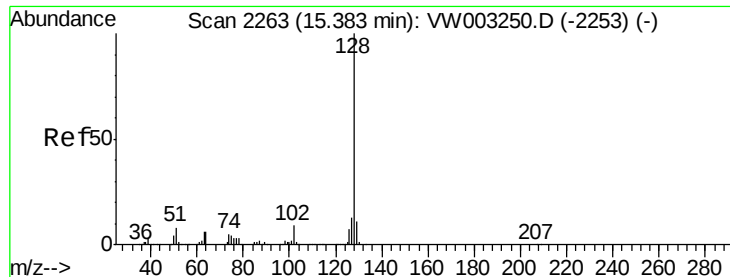
apatel
 6/14/2018 9:55:43 AM



#94
 Hexachlorobutadiene
 Concen: 4.957 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003247.D
 Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	30.6	92.0
227	68.7	31.7	95.1





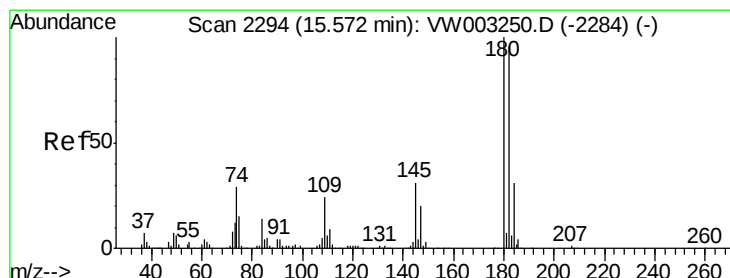
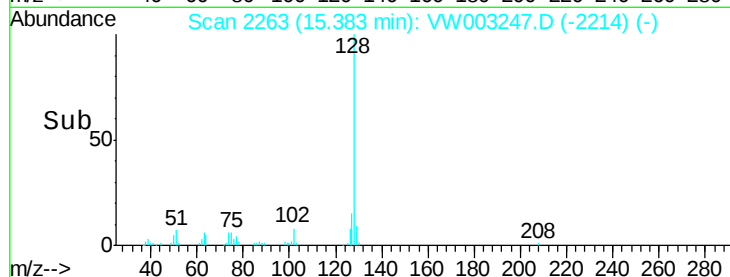
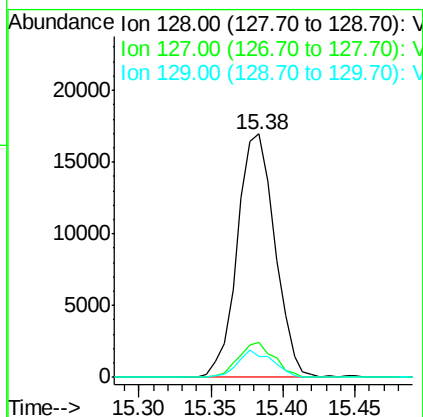
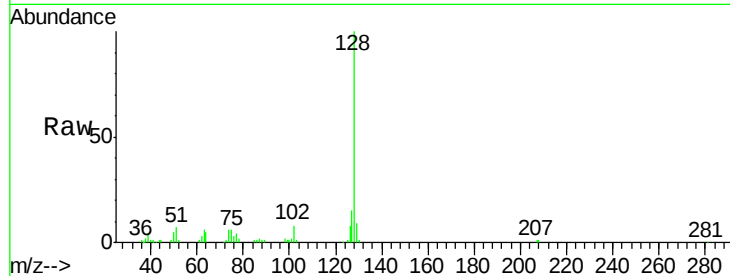
#95
Naphthalene
Concen: 4.134 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	10.5	8.9	13.3

Manual Integrations
APPROVED

apatel
6/14/2018 9:55:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.884 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003247.D
Acq: 13 Jun 2018 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.9	143.6
145	32.3	15.8	47.4

