

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003495.D
 Acq On : 24 Jun 2018 07:56
 Operator : SY/AP
 Sample : J3670-15
 Misc : 6.29G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

Manual Integrations
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apatel
 6/26/2018 11:43:57 AM

Quant Time: Jun 25 05:22:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	318377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125052	59.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.48%	
35) Dibromofluoromethane	7.88	113	110163	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.33	98	404941	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.62	95	180736	61.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.38%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	1941472	902.15	ug/l	98
12) 1,1-Dichloroethene	4.03	96	4808	2.75	ug/l	93
16) Acetone	4.15	43	76029	173.17	ug/l	99
17) Carbon Disulfide	4.37	76	7408	1.43	ug/l	100
20) Methylene Chloride	4.92	84	18667	6.84	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	8604	4.52	ug/l	91
24) 1,1-Dichloroethane	6.21	63	23785	6.57	ug/l #	93
27) cis-1,2-Dichloroethene	7.17	96	3268075	1562.47	ug/l	92
39) Methylcyclohexane	9.34	83	54798	14.48	ug/l	95
40) Benzene	8.33	78	916705	101.66	ug/l	100
42) 1,2-Dichloroethane	8.40	62	12272	4.34	ug/l	95
52) Toluene	10.39	92	73265	12.67	ug/l	98
65) Chlorobenzene	11.66	112	3466951	522.92	ug/l	100
67) Ethyl Benzene	11.74	91	12578	1.07	ug/l	96
68) m/p-Xylenes	11.85	106	10020	2.24	ug/l	92
69) o-Xylene	12.18	106	5784	1.40	ug/l	56
73) Isopropylbenzene	12.48	105	158759	13.69	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	30271	3.11	ug/l	99
83) tert-Butylbenzene	13.21	119	205510	24.78	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	78213	7.81	ug/l	98
85) sec-Butylbenzene	13.40	105	624653	50.67	ug/l #	37
88) 1,4-Dichlorobenzene	13.58	146	68840	12.48	ug/l #	83
89) n-Butylbenzene	13.83	91	34533m	3.26	ug/l	
91) 1,2-Dichlorobenzene	13.88	146	93252	19.19	ug/l #	85
95) Naphthalene	15.38	128	29514	5.10	ug/l	97

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

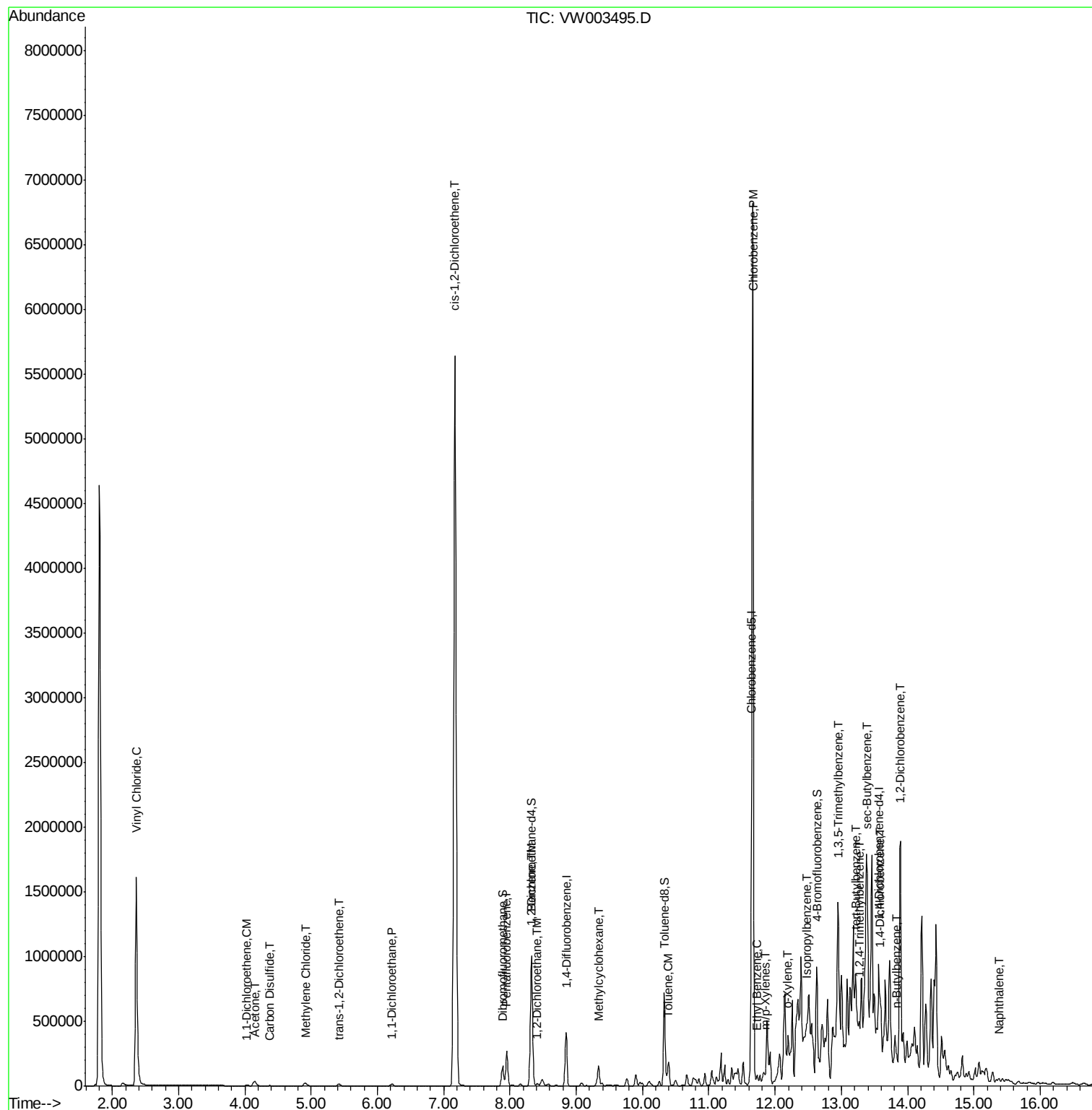
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003495.D
Acq On : 24 Jun 2018 07:56
Operator : SY/AP
Sample : J3670-15
Misc : 6.29G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

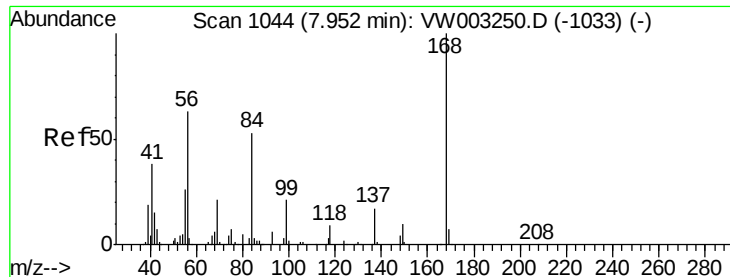
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

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Quant Time: Jun 25 05:22:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

Tot Ion:168 Resp: 193261

Ion Ratio Lower Upper

168 100

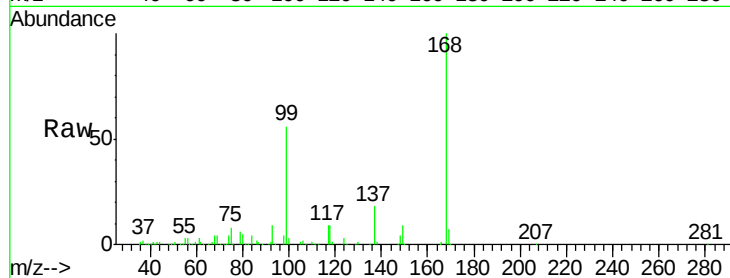
99 55.6 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

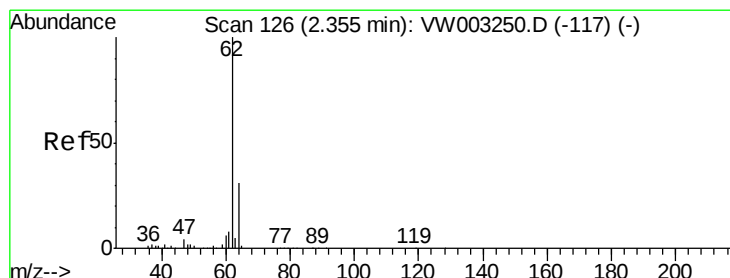
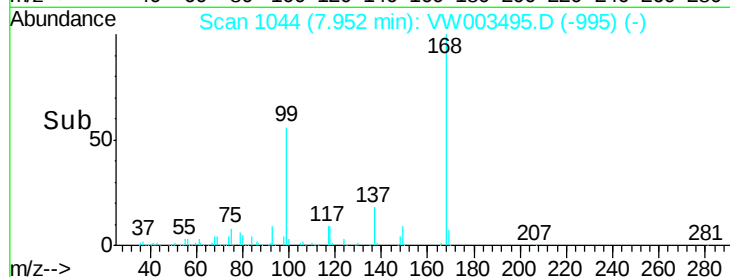
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#4

Vinyl Chloride

Concen: 902.15 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003495.D

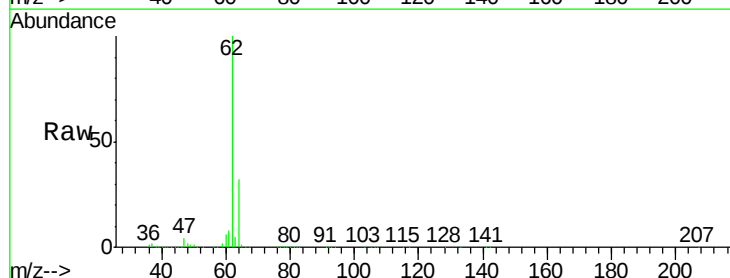
Acq: 24 Jun 2018 07:56

Tgt Ion: 62 Resp: 1941472

Ion Ratio Lower Upper

62 100

64 32.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

1000000

800000

600000

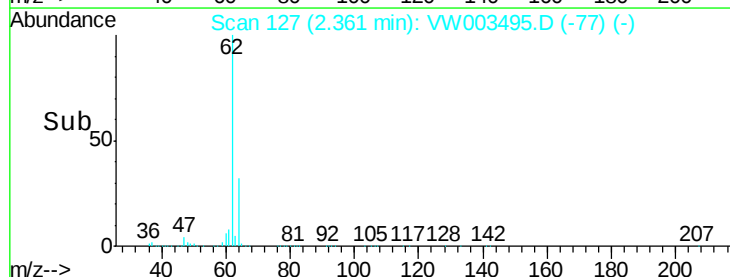
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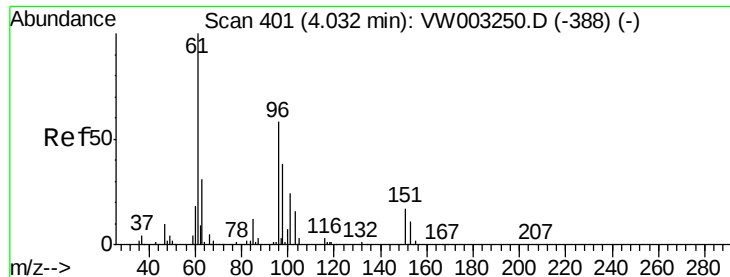
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0

2.20 2.40 2.60

Time-->





#12

1,1-Dichloroethene

Concen: 2.75 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

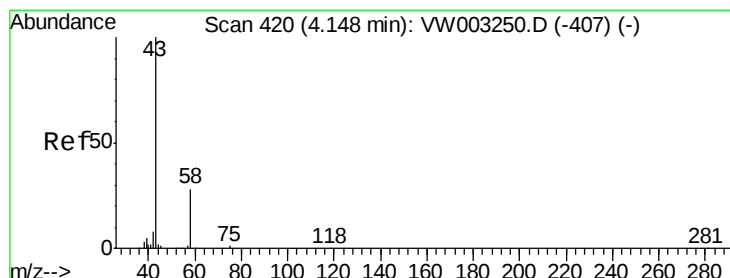
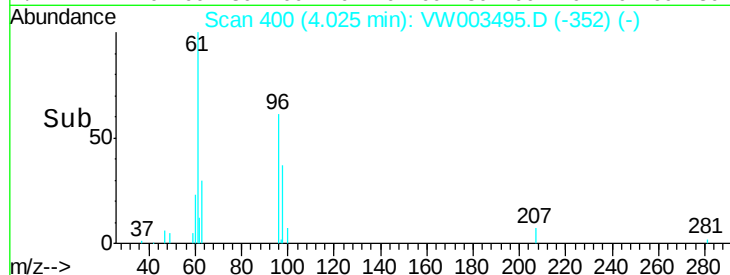
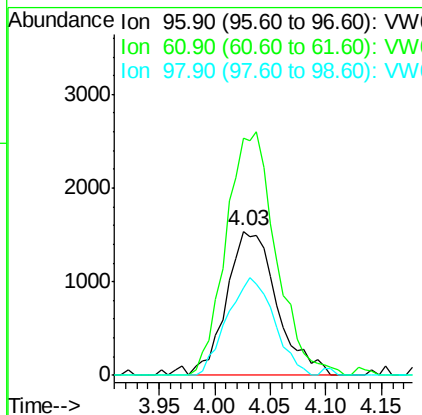
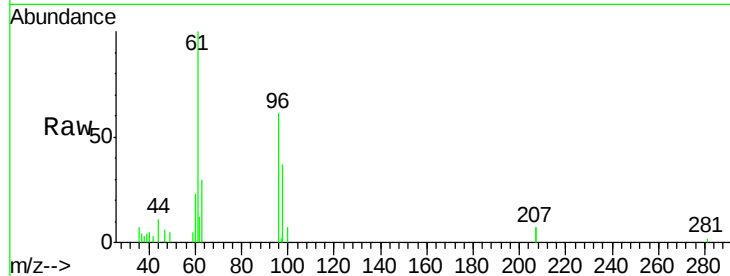
ClientSampleId :

WP021SB477-27-29-180621

Tot Ion:	96	Resp:	4808
Ion	Ratio	Lower	Upper
96	100		
61	164.0	139.0	208.4
98	60.5	53.3	79.9

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#16

Acetone

Concen: 173.17 ug/l

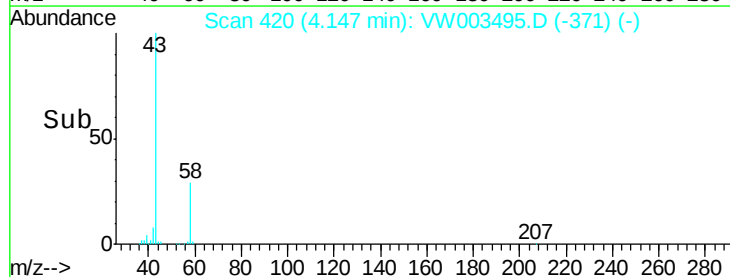
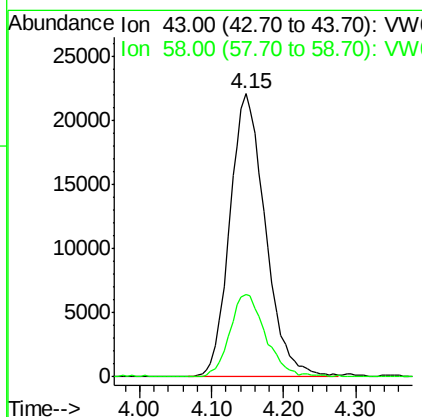
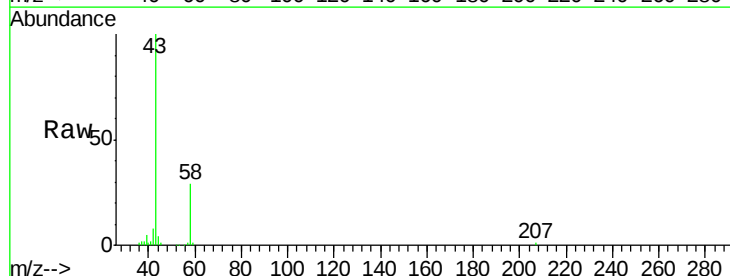
RT: 4.15 min Scan# 420

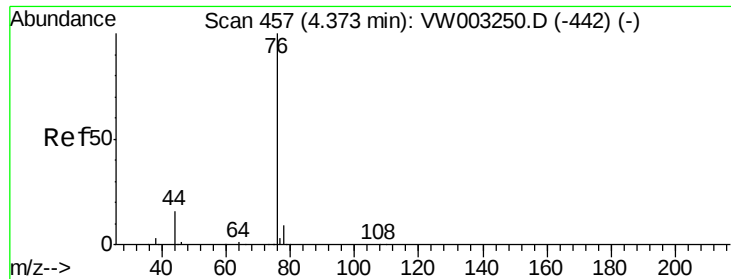
Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Tgt Ion:	43	Resp:	76029
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.6	34.0





#17

Carbon Disulfide

Concen: 1.43 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

Instrument :

MSVOA_W

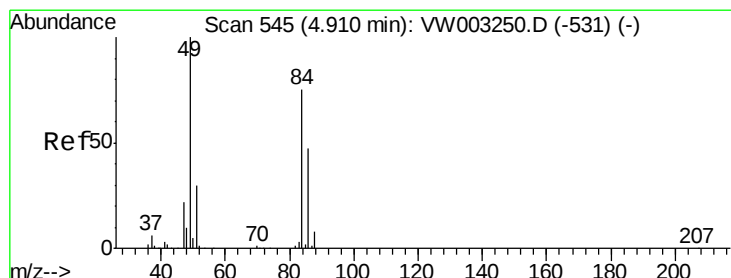
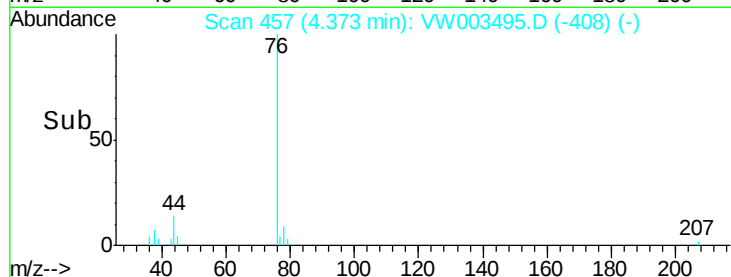
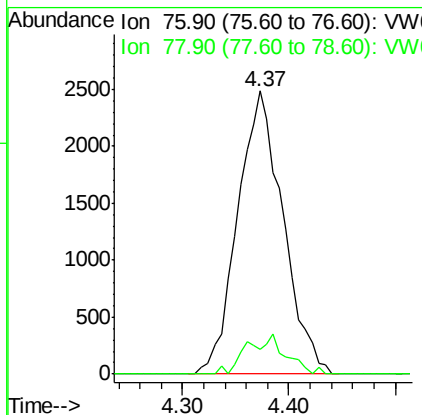
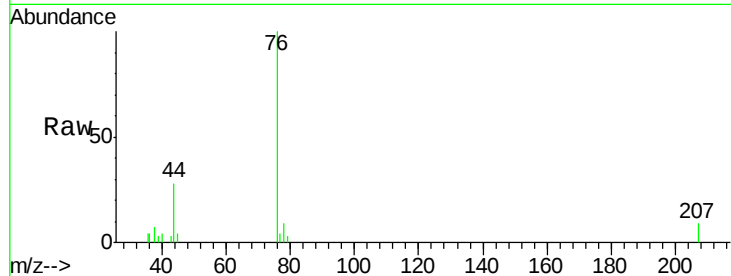
ClientSampleId :

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#20

Methylene Chloride

Concen: 6.84 ug/l

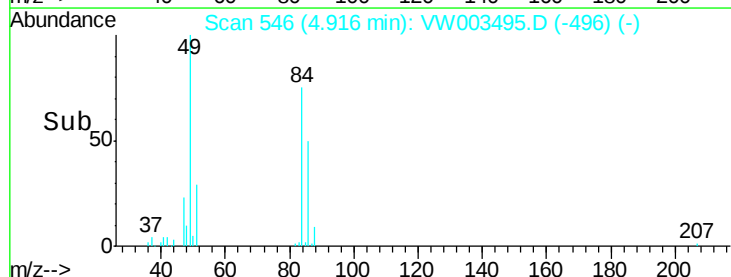
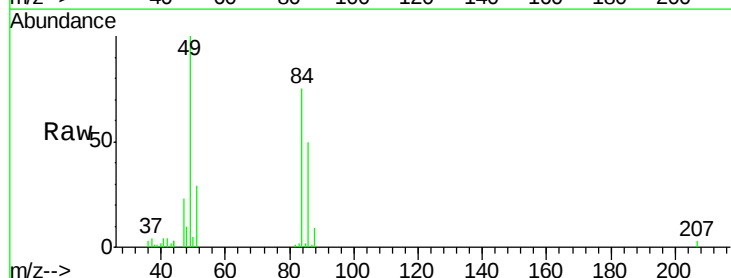
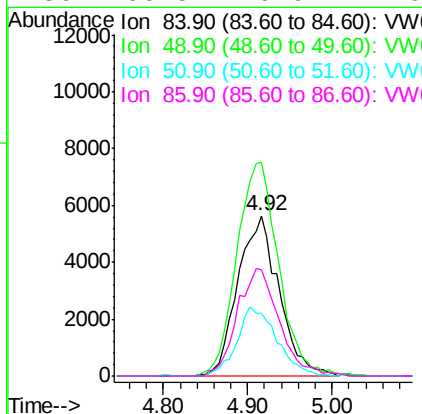
RT: 4.92 min Scan# 546

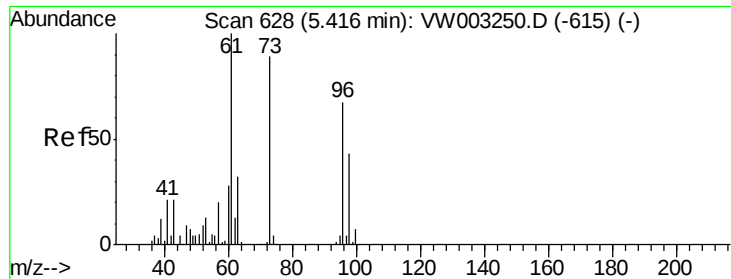
Delta R.T. 0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.2	106.3	159.5
51	39.1	32.0	48.0
86	66.5	49.9	74.9





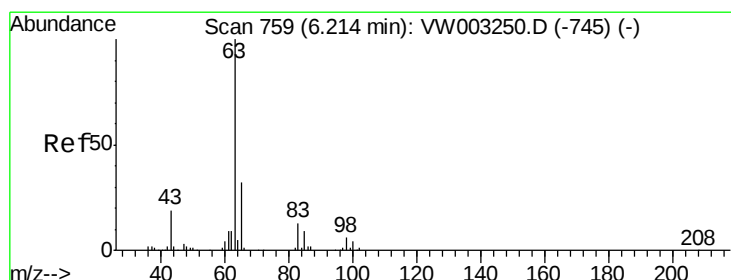
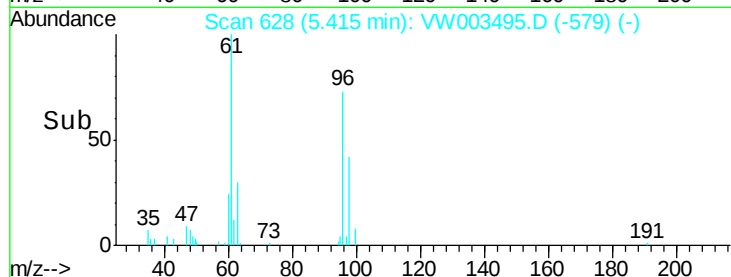
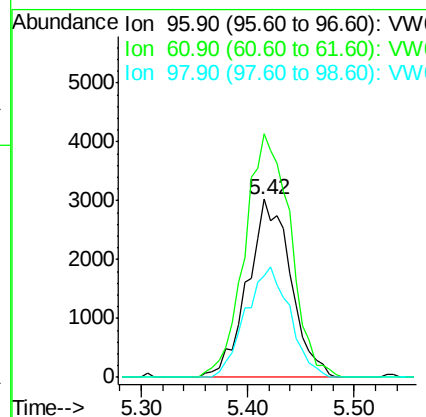
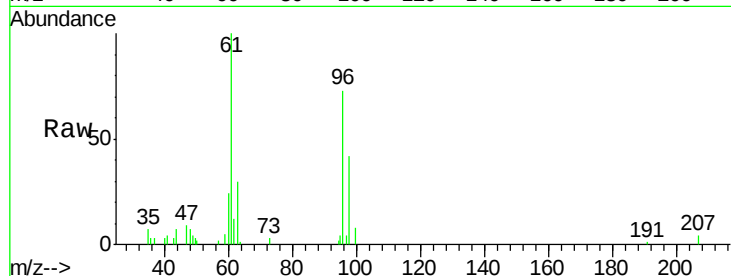
#21
trans-1,2-Dichloroethene
Concen: 4.52 ug/l
RT: 5.42 min Scan# 628
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.7	118.7	178.1
98	57.0	51.0	76.6

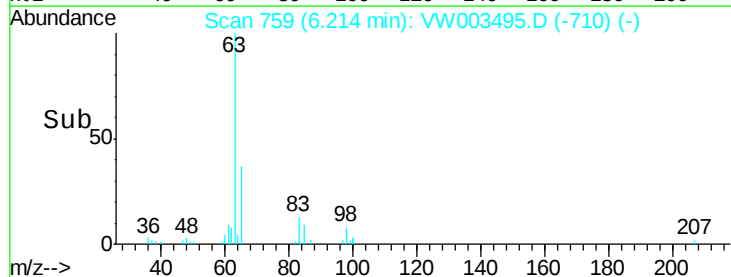
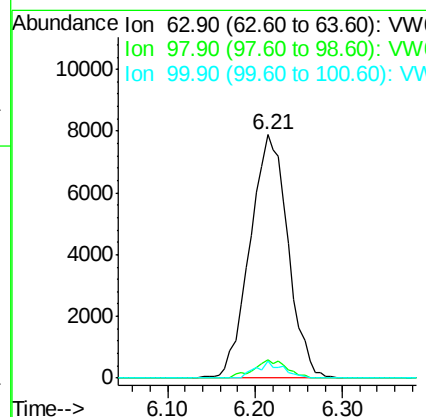
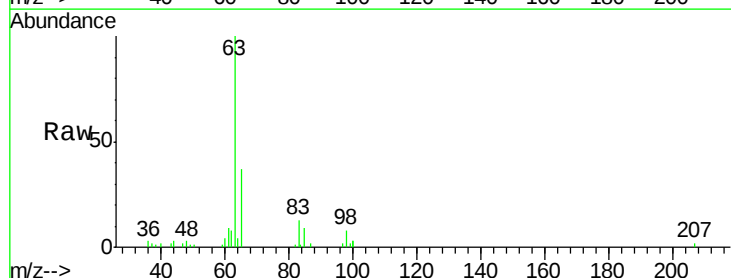
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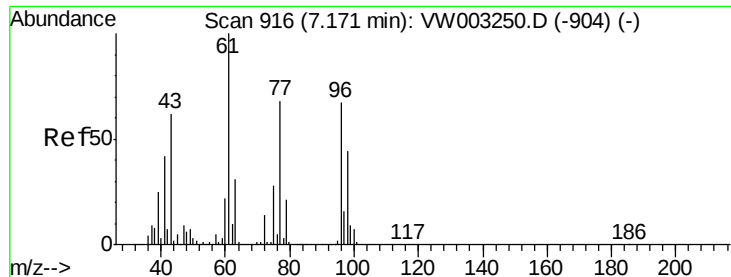
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#24
1,1-Dichloroethane
Concen: 6.57 ug/l
RT: 6.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.7	2.8	8.3
100	6.8	2.1	6.5#





#27

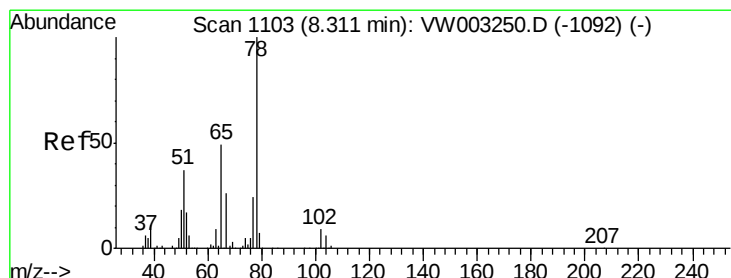
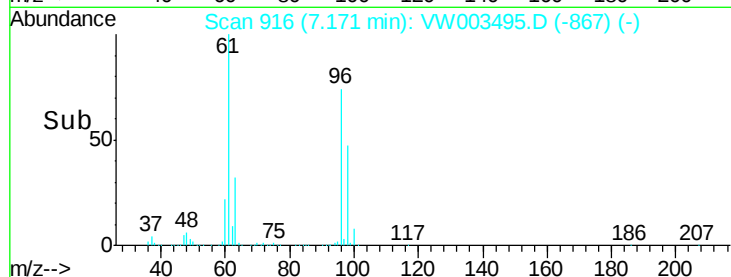
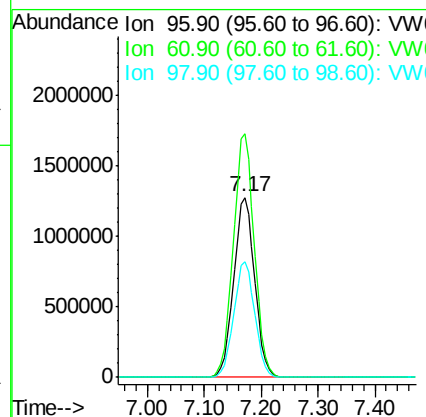
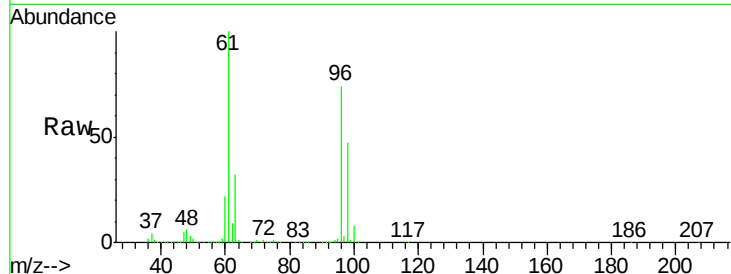
cis-1,2-Dichloroethene
Concen: 1562.47 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	298.8
98	64.4	0.0	130.4

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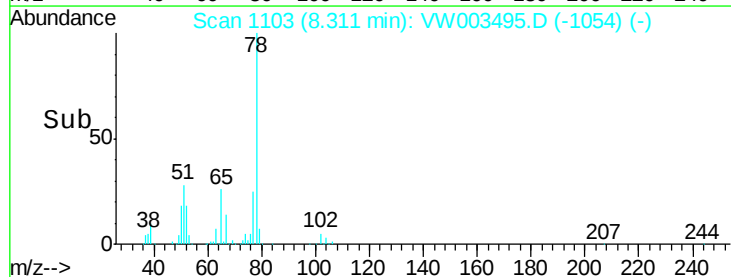
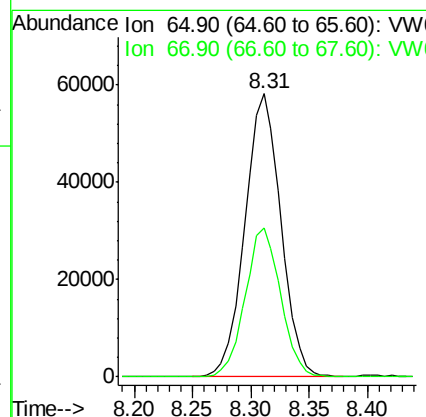
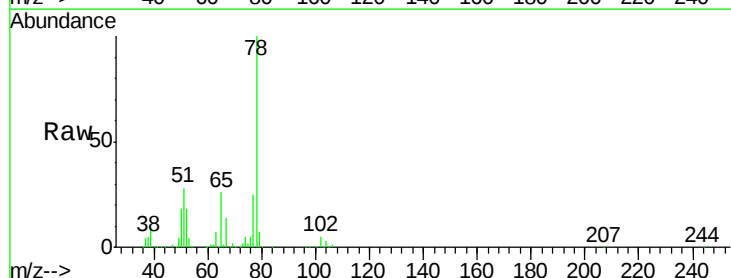
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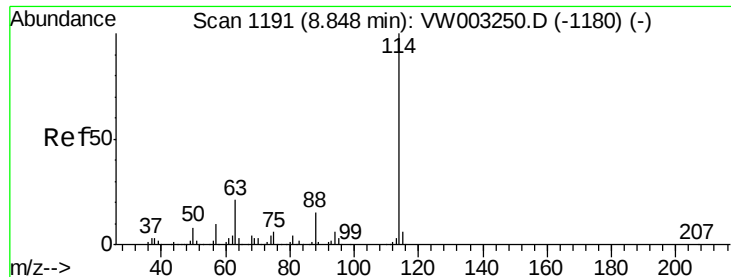


#33

1,2-Dichloroethane-d4
Concen: 59.74 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.2





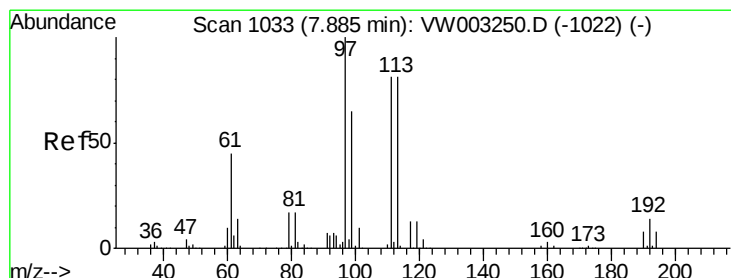
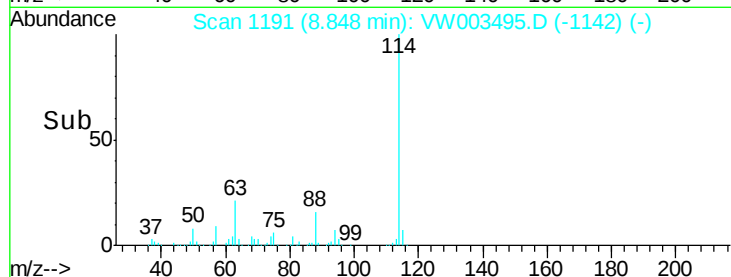
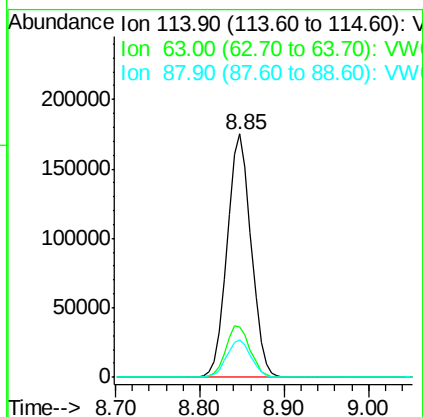
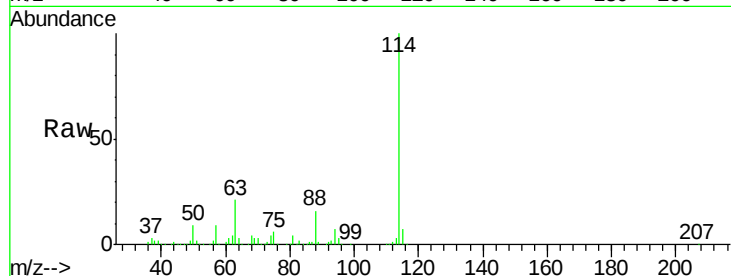
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 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.9	0.0	43.0
88	15.6	0.0	29.6

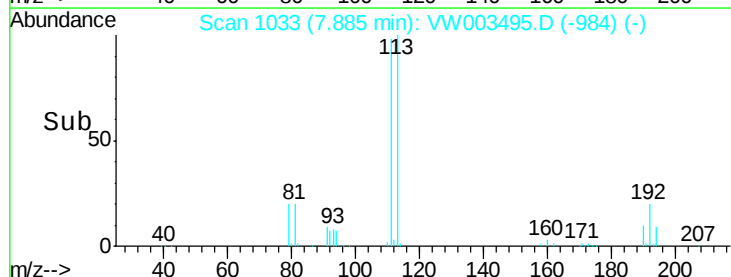
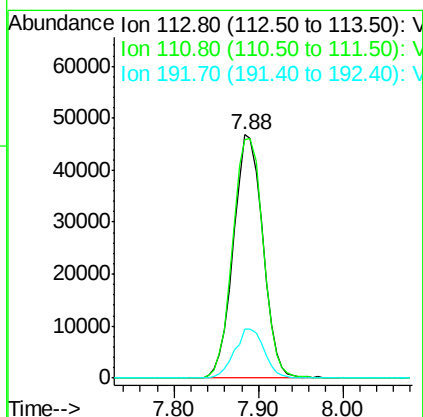
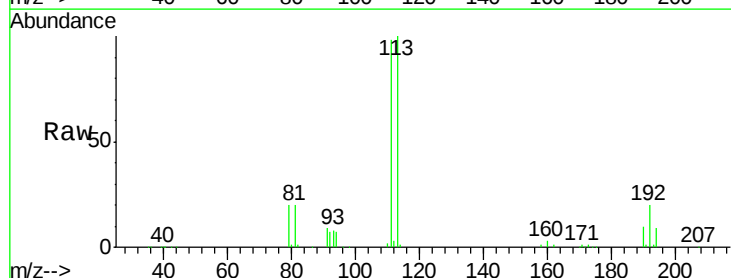
Manual Integrations
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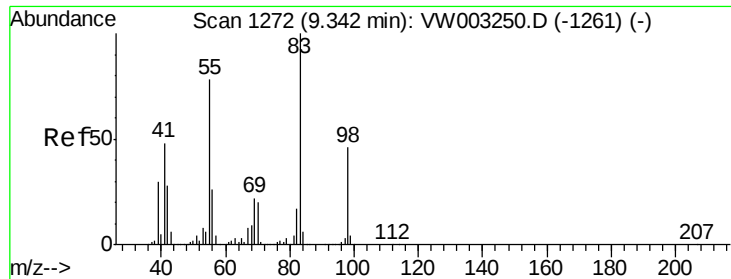
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#35
 Dibromofluoromethane
 Concen: 52.34 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.4	82.2	123.2
192	20.3	16.2	24.2





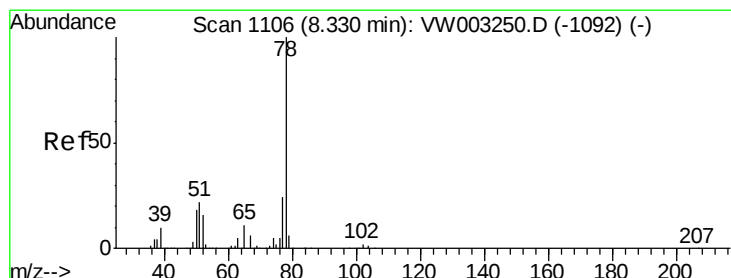
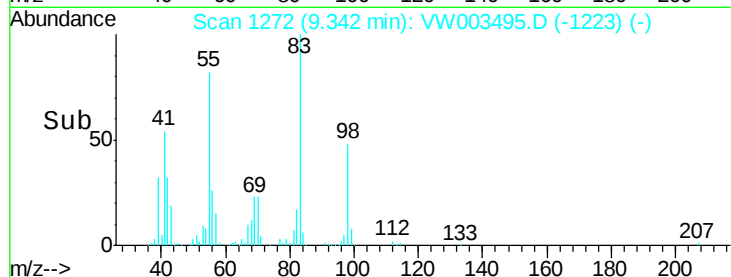
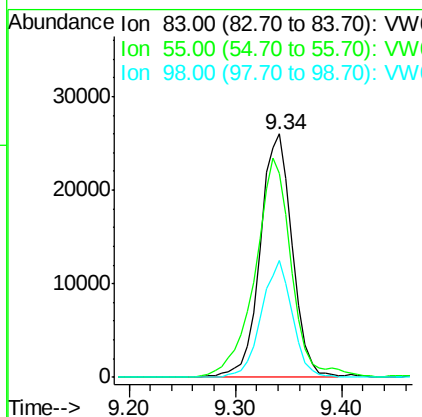
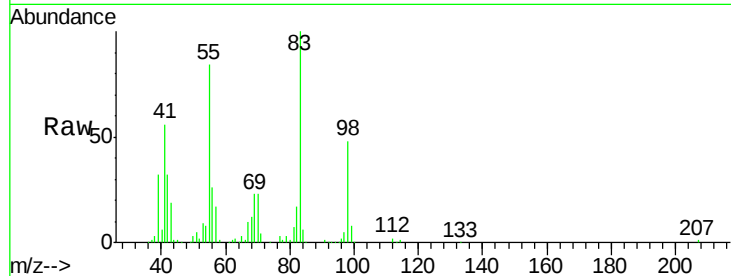
#39
Methylvlcyclohexane
Concen: 14.48 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion	83	Resp	54798
Ion Ratio	Lower	Upper	
83	100		
55	83.5	62.6	93.8
98	47.8	37.0	55.4

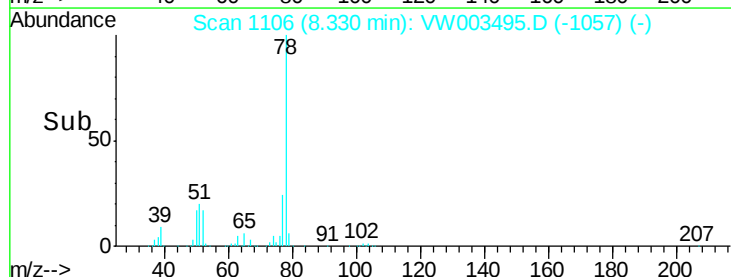
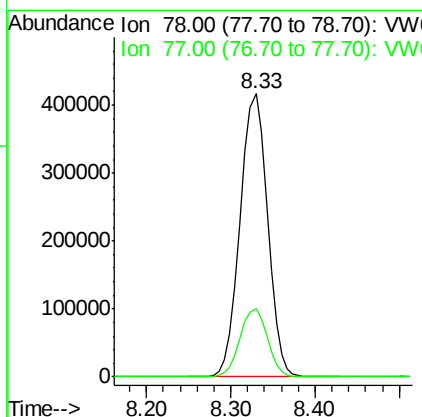
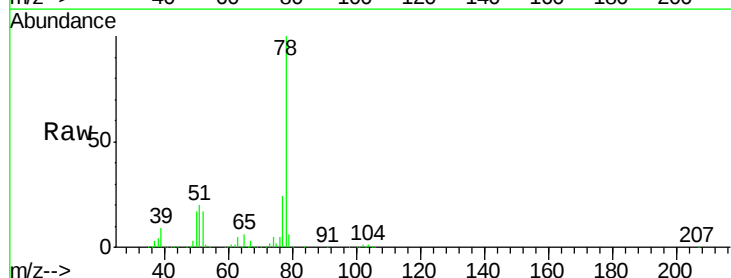
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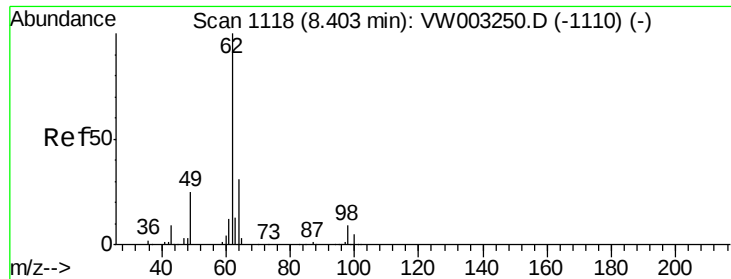
apatel
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#40
Benzene
Concen: 101.66 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion	78	Resp	916705
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.0	28.6





#42

1,2-Dichloroethane

Concen: 4.34 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

Tot Ion: 62 Resp: 12272

Ion Ratio Lower Upper

62 100

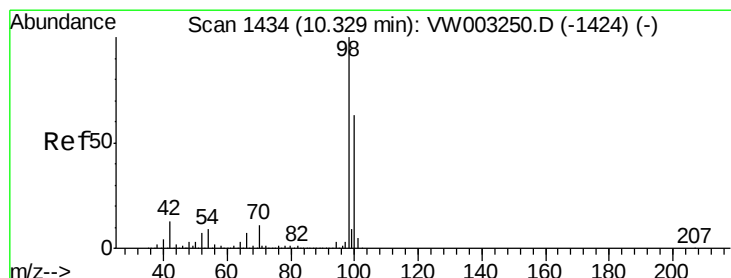
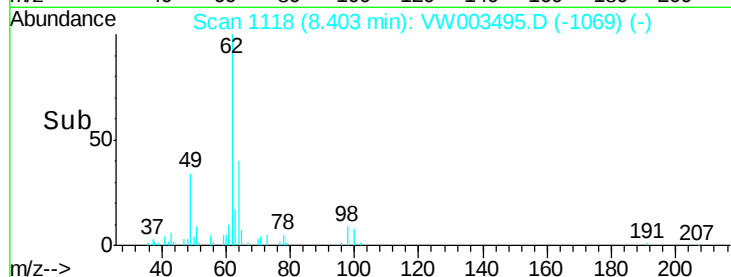
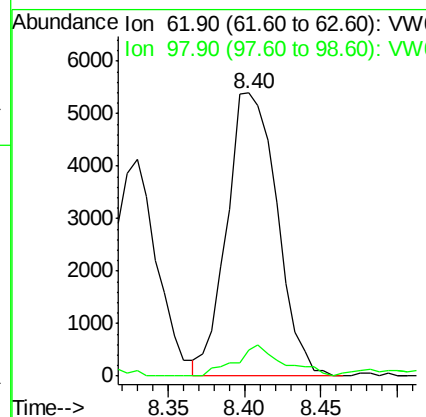
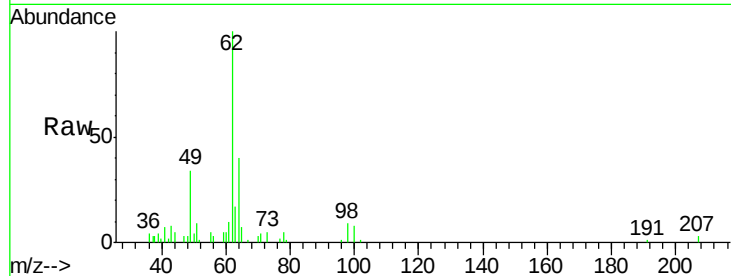
98 10.5 0.0 17.2

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#50

Toluene-d8

Concen: 48.52 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003495.D

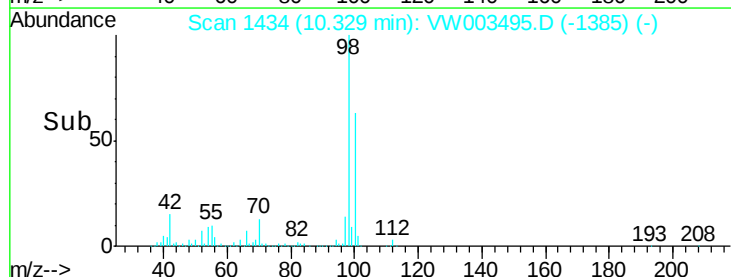
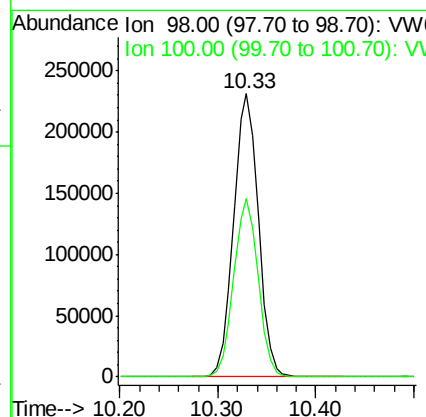
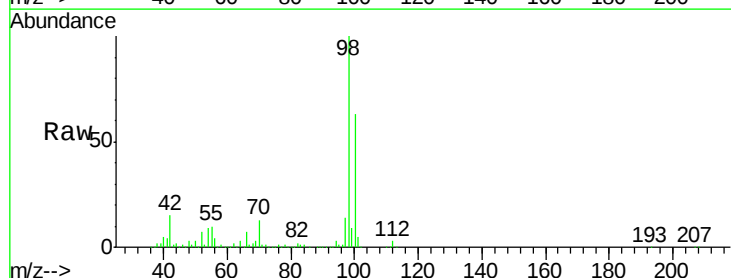
Acq: 24 Jun 2018 07:56

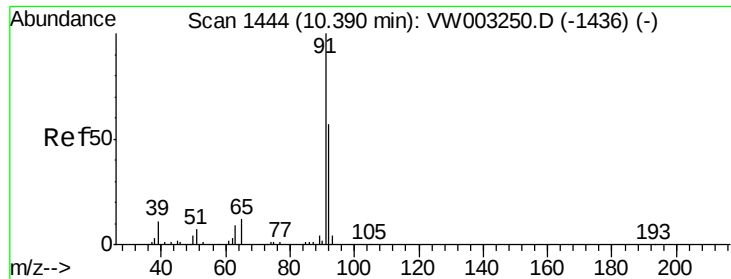
Tgt Ion: 98 Resp: 404941

Ion Ratio Lower Upper

98 100

100 62.1 50.8 76.2





#52

Toluene

Concen: 12.67 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

Tot Ion: 92 Resp: 73265

Ion Ratio Lower Upper

92 100

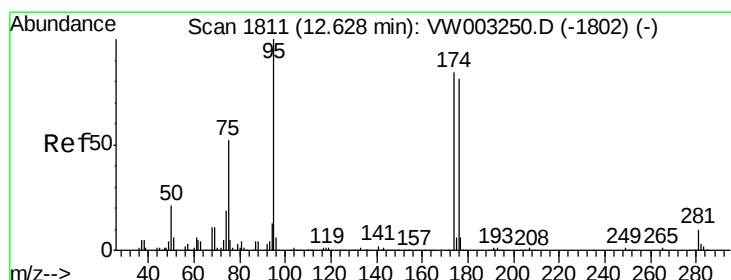
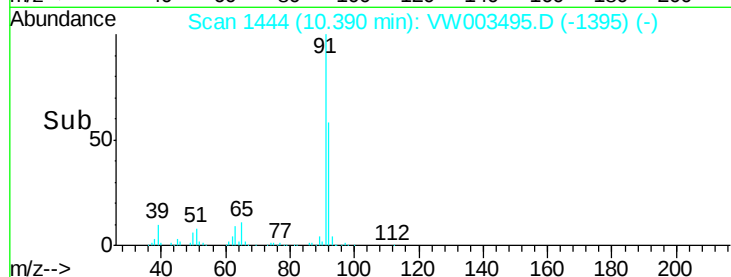
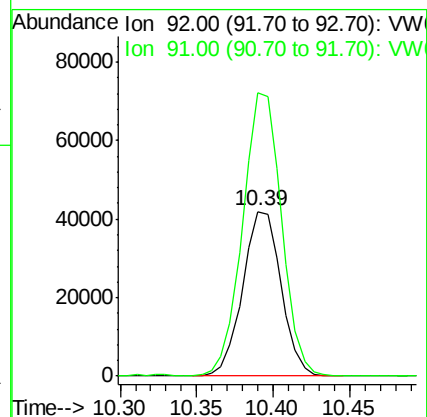
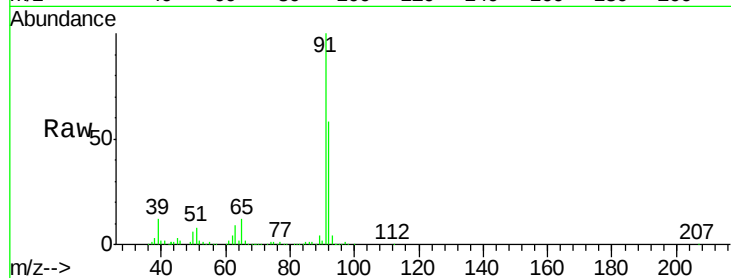
91 173.0 141.1 211.7

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#62

4-Bromofluorobenzene

Concen: 61.19 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

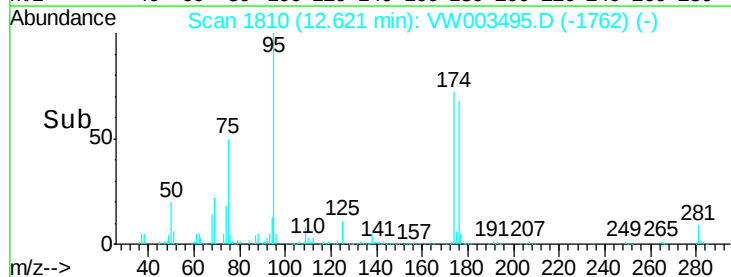
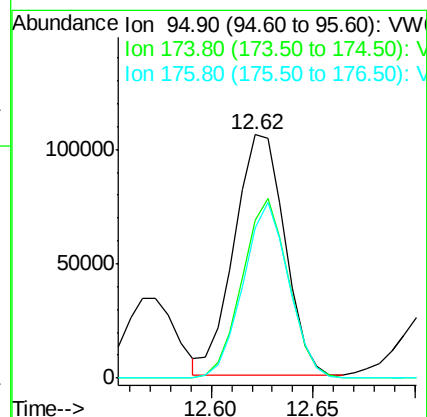
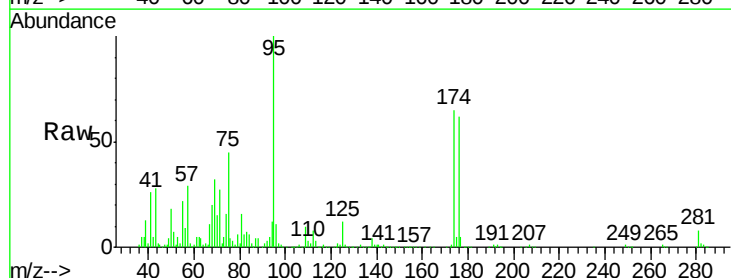
Tgt Ion: 95 Resp: 180736

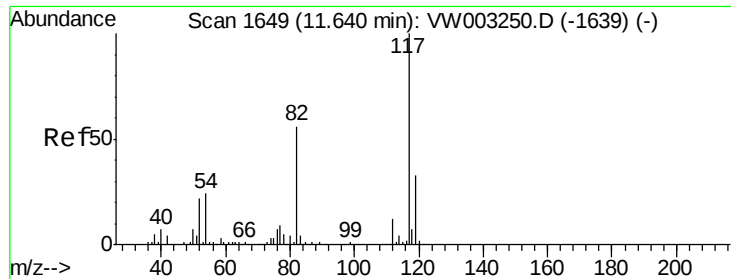
Ion Ratio Lower Upper

95 100

174 68.4 0.0 166.4

176 66.0 0.0 162.0





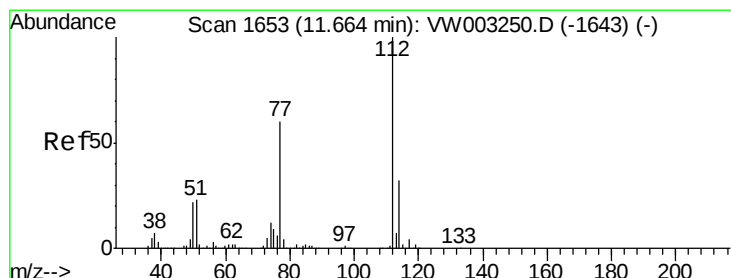
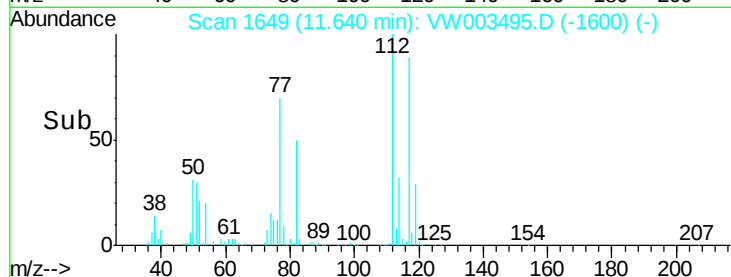
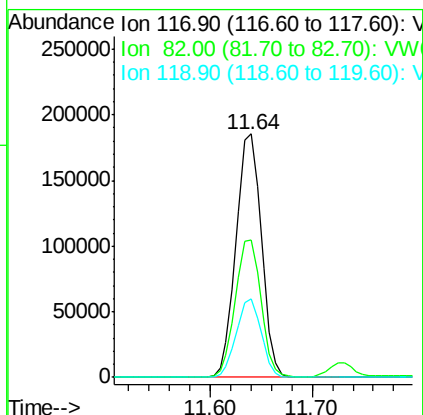
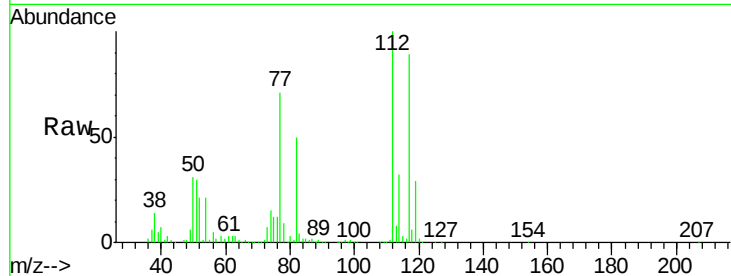
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.6	67.0
119	32.3	26.7	40.1

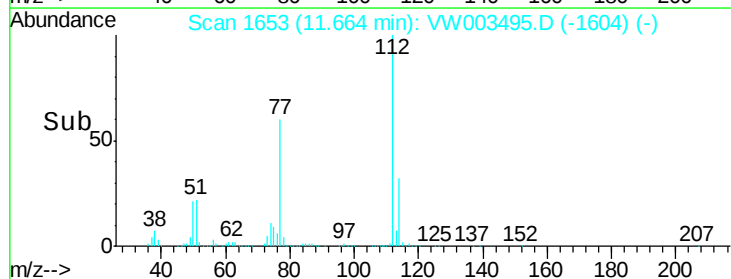
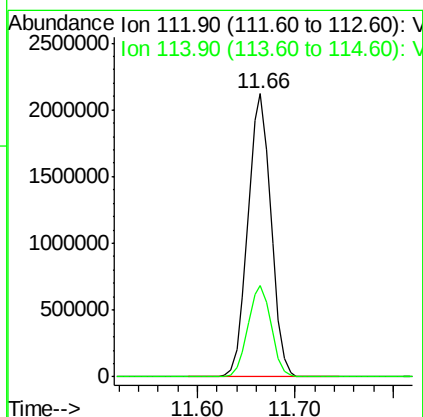
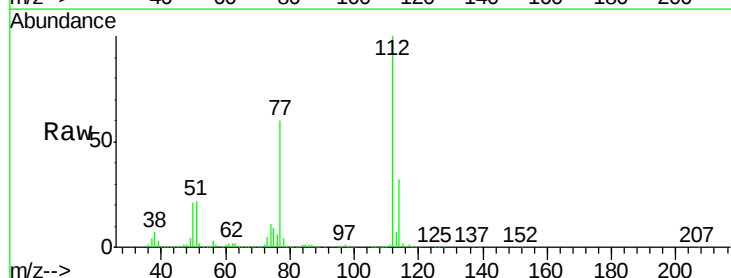
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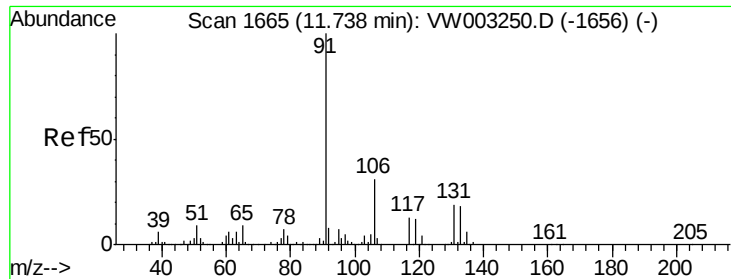
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#65
Chlorobenzene
Concen: 522.92 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.9	38.9





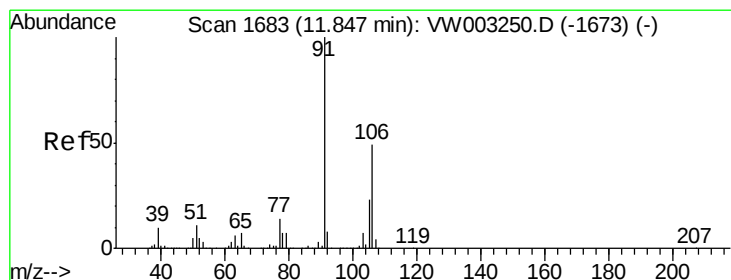
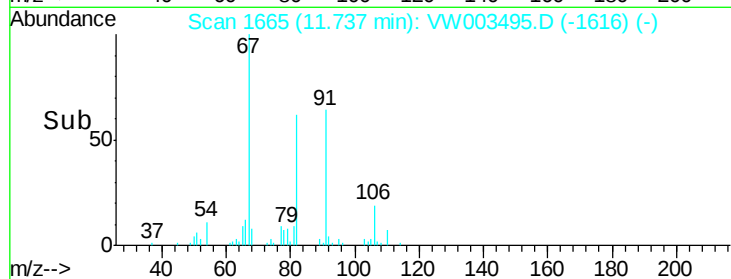
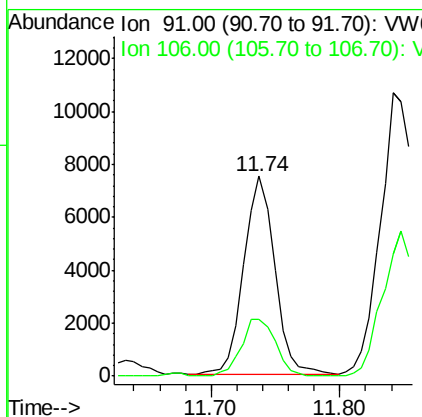
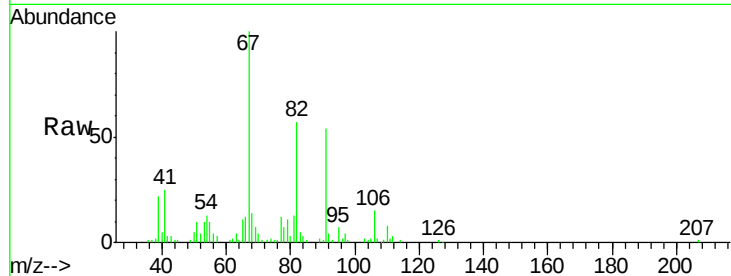
#67
Ethyl Benzene
Concen: 1.07 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion: 91 Resp: 12578
Ion Ratio Lower Upper
91 100
106 28.8 24.7 37.1

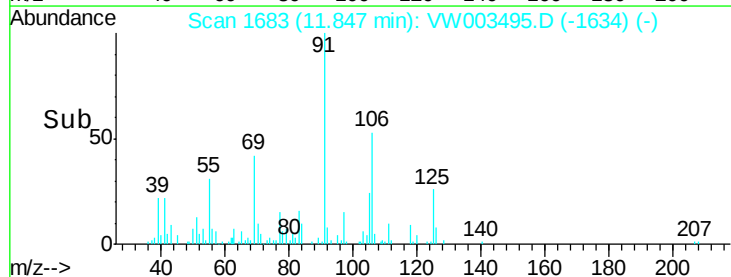
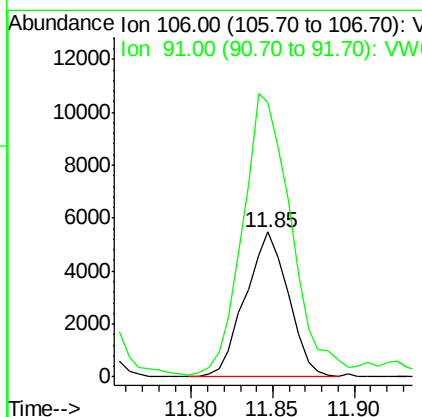
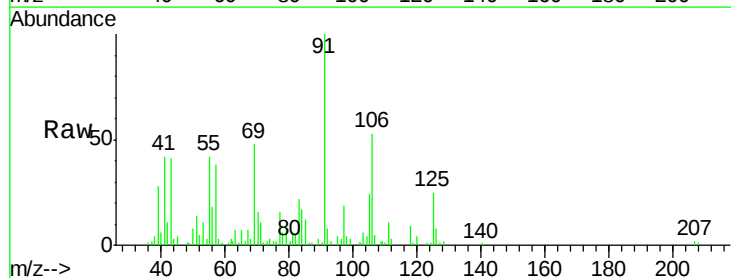
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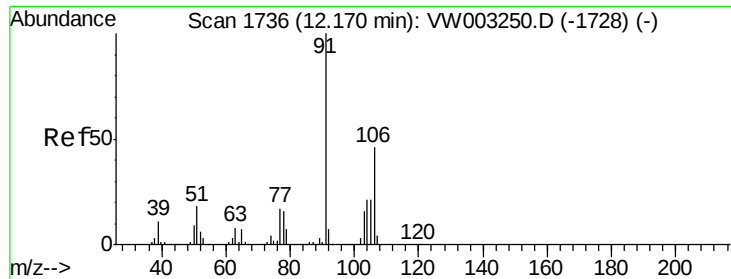
apatel
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#68
m/p-Xylenes
Concen: 2.24 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion: 106 Resp: 10020
Ion Ratio Lower Upper
106 100
91 218.5 165.4 248.0





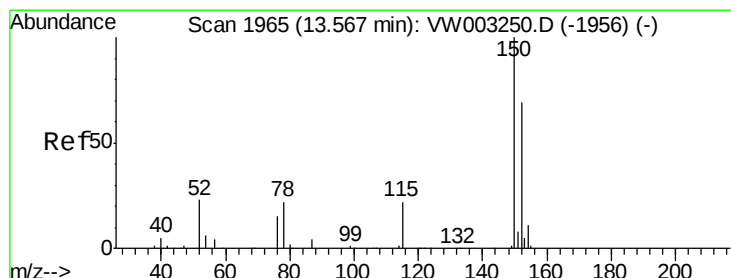
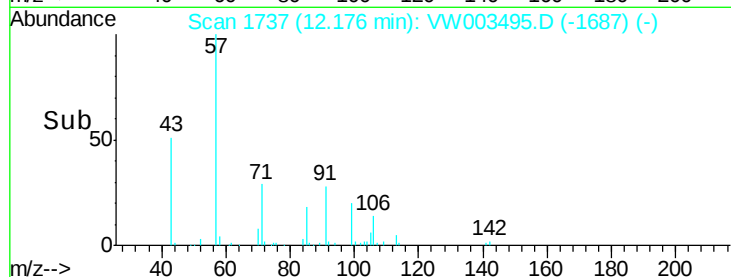
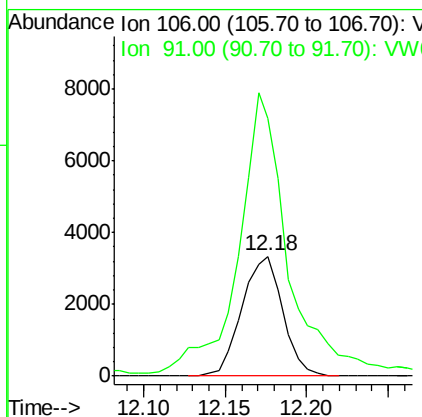
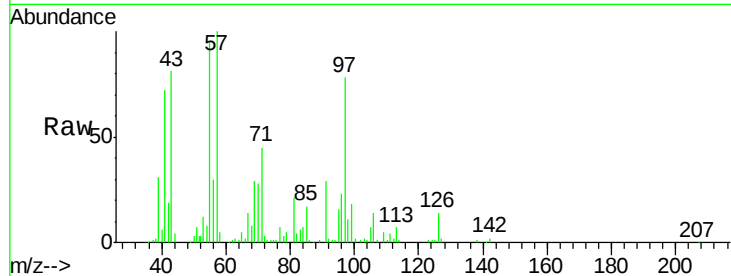
#69
o-Xylene
Concen: 1.40 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion:106 Resp: 5784
Ion Ratio Lower Upper
106 100
91 286.5 108.6 325.6

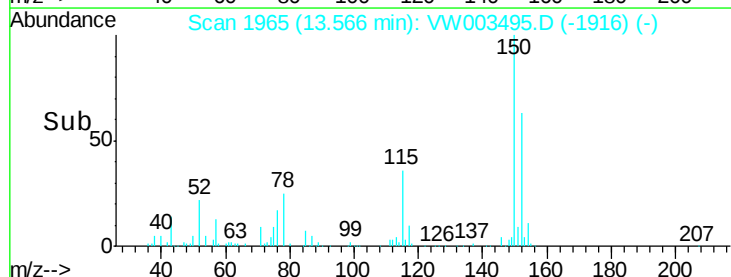
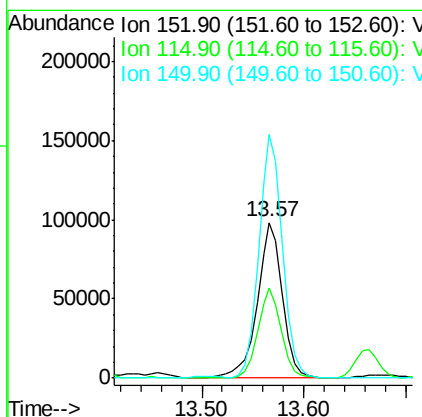
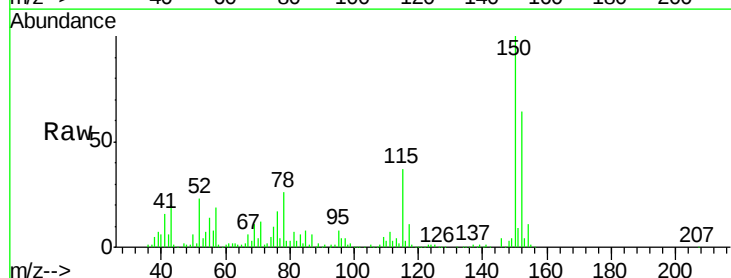
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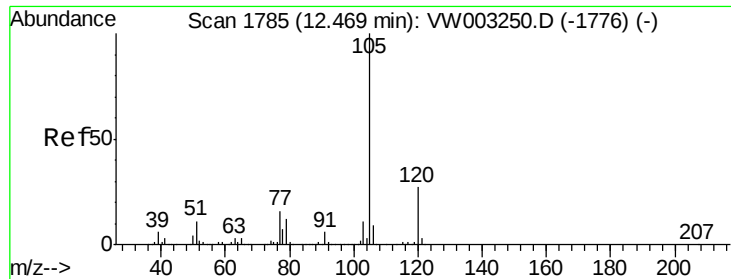
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion:152 Resp: 166702
Ion Ratio Lower Upper
152 100
115 53.7 29.3 88.0
150 148.0 0.0 349.6





#73

Isopropylbenzene

Concen: 13.69 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003495.D

Acq: 24 Jun 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-27-29-180621

Tot Ion:105 Resp: 158759

Ion Ratio Lower Upper

105 100

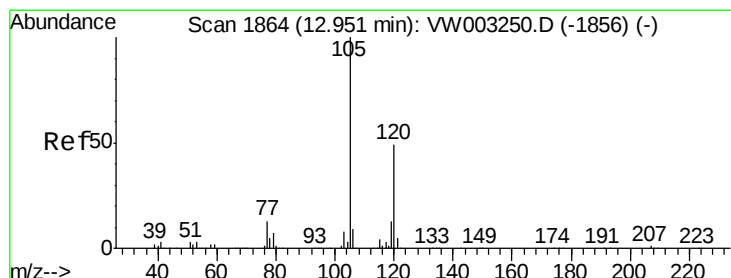
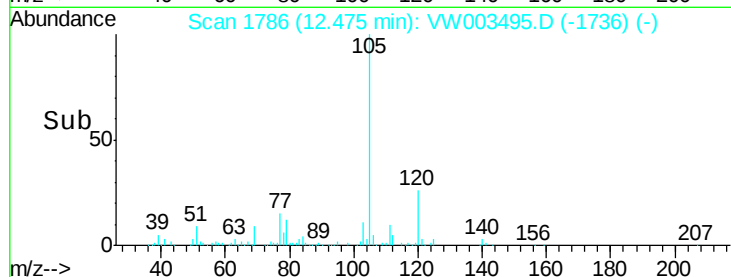
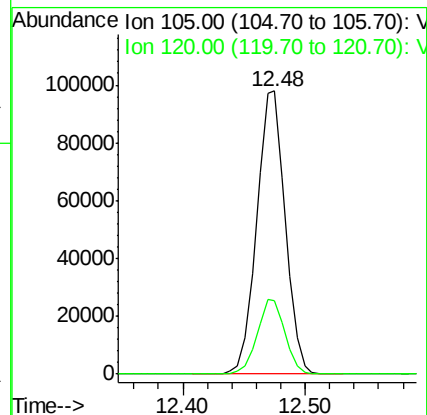
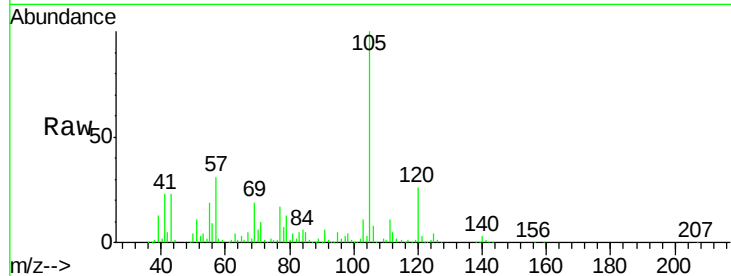
120 25.8 13.2 39.6

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#80

1,3,5-Trimethylbenzene

Concen: 3.11 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003495.D

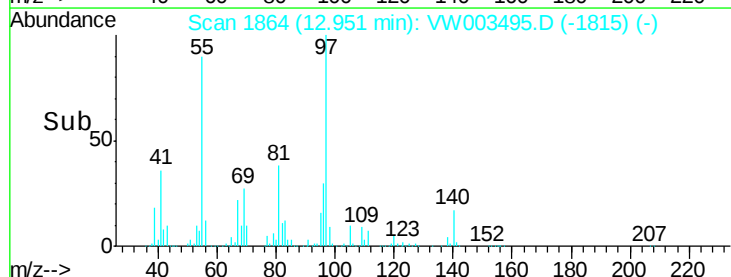
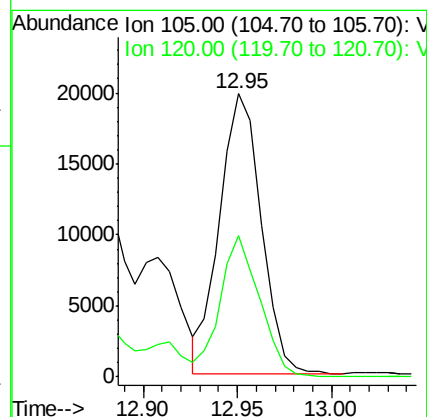
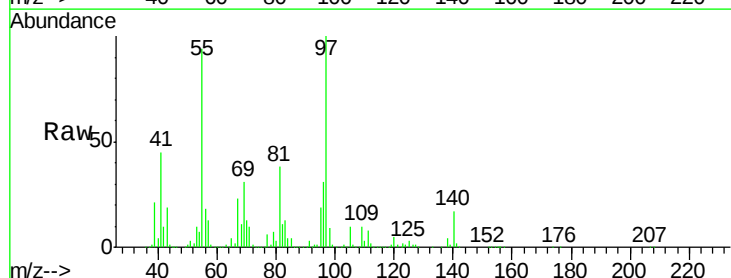
Acq: 24 Jun 2018 07:56

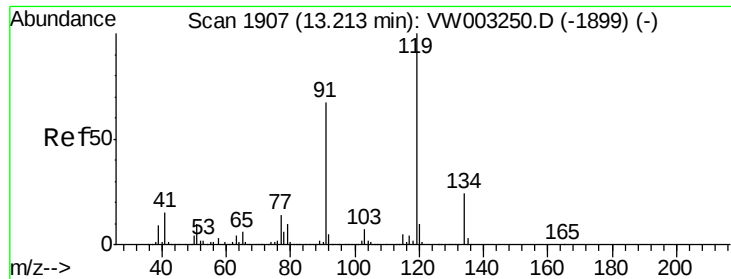
Tgt Ion:105 Resp: 30271

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9





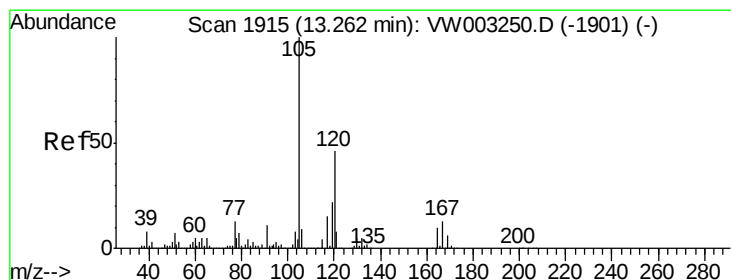
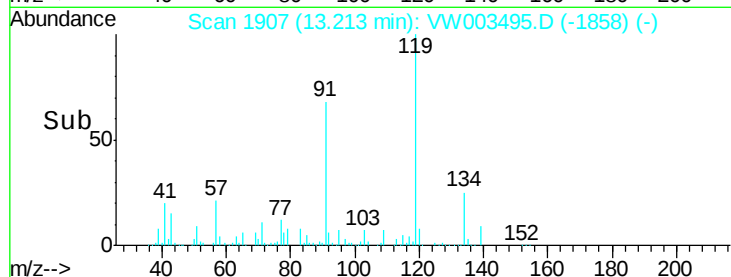
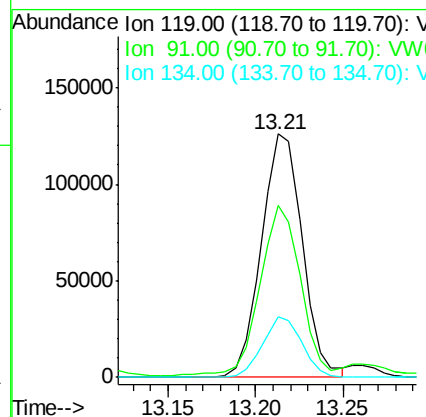
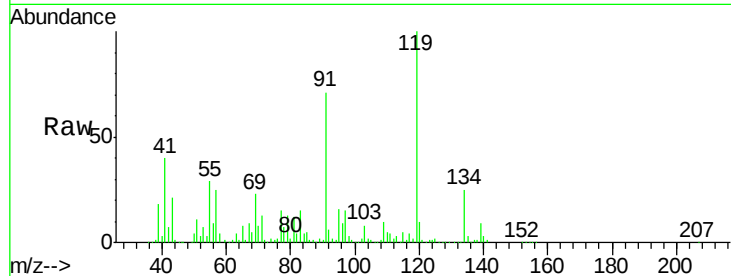
#83
tert-Butylbenzene
Concen: 24.78 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion	Ratio	Resp	Lower	Upper
119	100	205510		
91	68.2		33.9	101.7
134	23.6		13.4	40.1

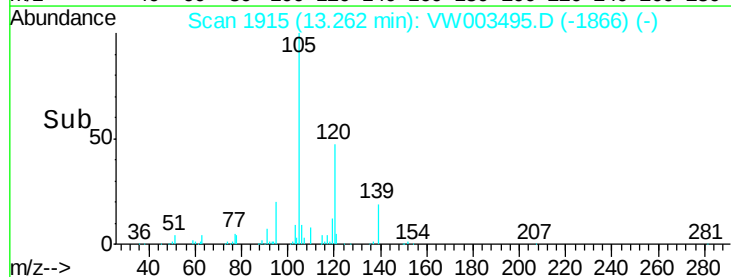
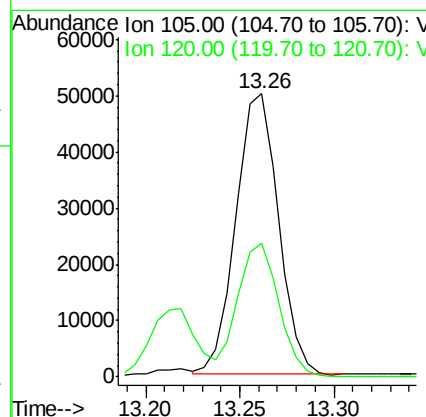
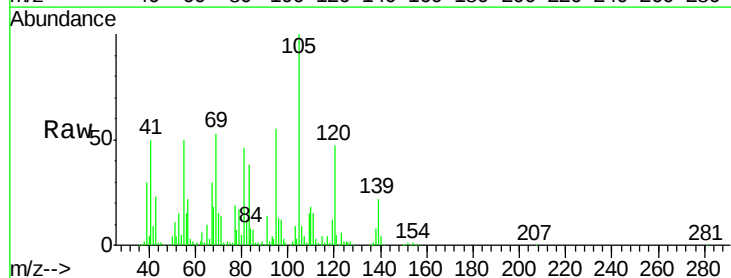
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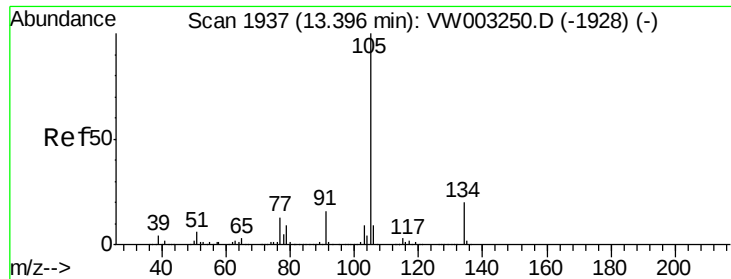
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#84
1,2,4-Trimethylbenzene
Concen: 7.81 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	78213		
120	46.0		22.5	67.5





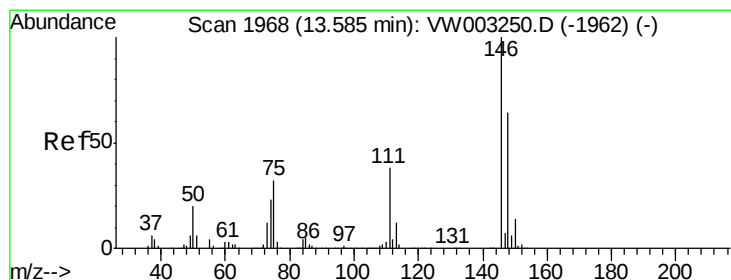
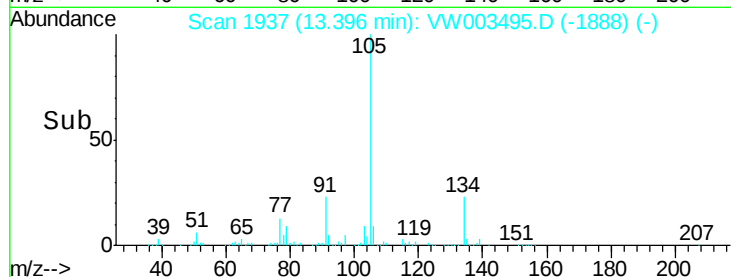
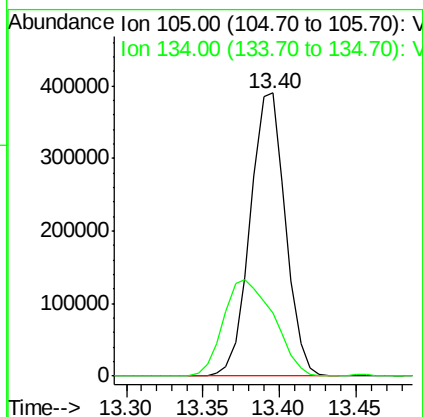
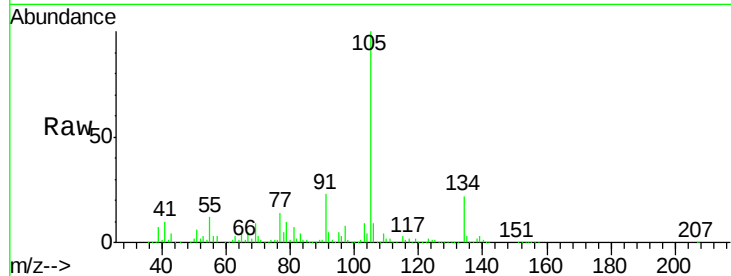
#85
 sec-Butylbenzene
 Concen: 50.67 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-27-29-180621

Tot Ion	Ratio	Lower	Upper
105	100		
134	48.5	9.8	29.5#

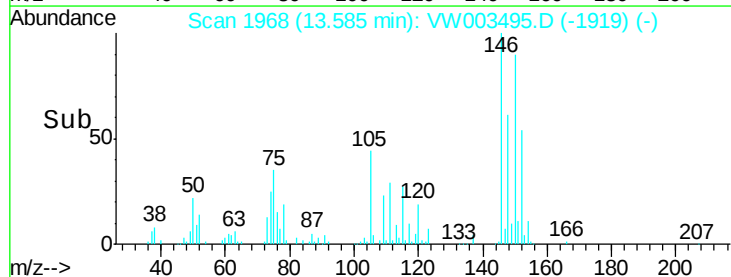
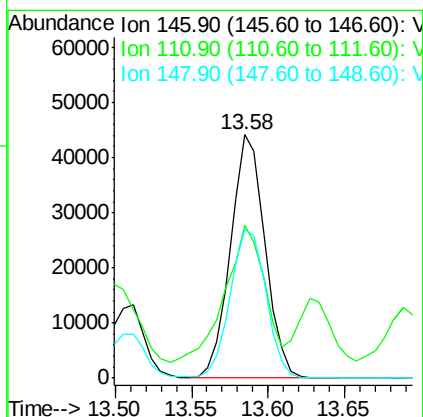
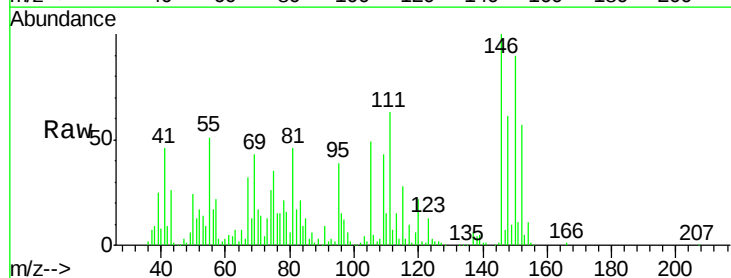
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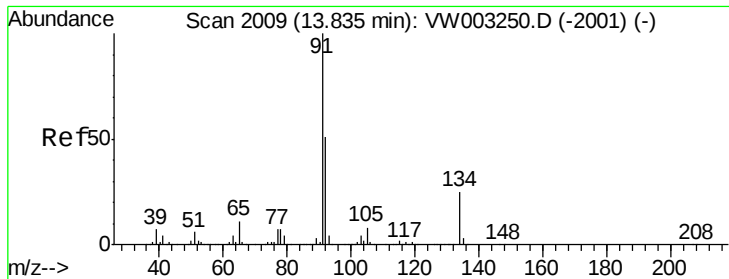
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#88
 1,4-Dichlorobenzene
 Concen: 12.48 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003495.D
 Acq: 24 Jun 2018 07:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	65.9	19.2	57.6#
148	63.7	31.8	95.4





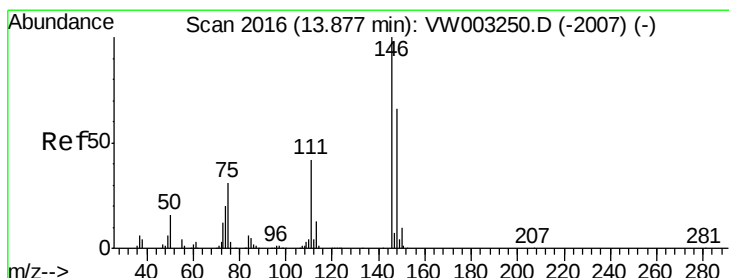
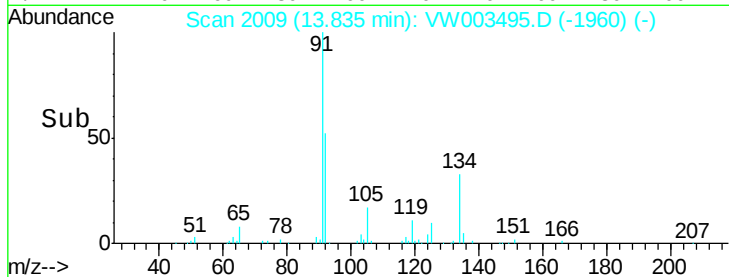
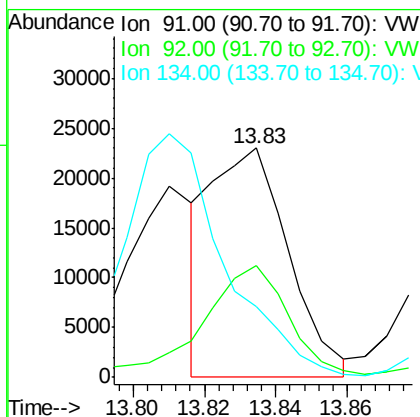
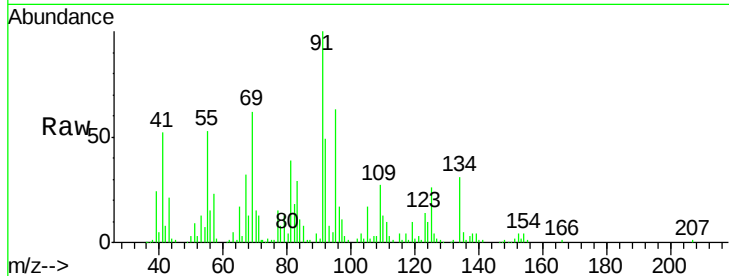
#89
n-Butylbenzene
Concen: 3.26 ug/l m
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.0	78.0
134	0.0	12.7	38.0#

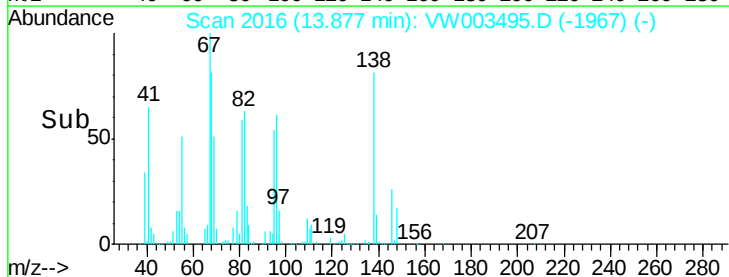
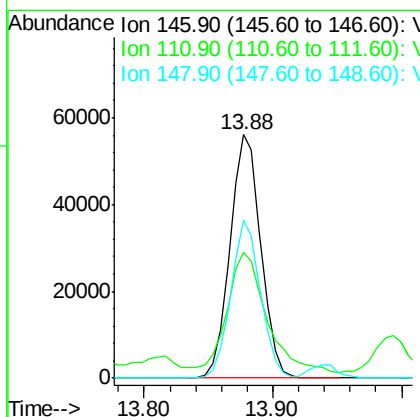
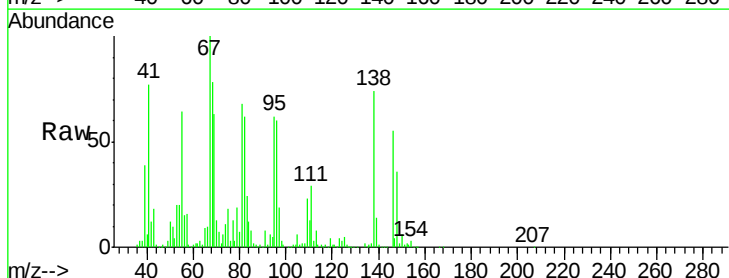
Manual Integrations
APPROVED

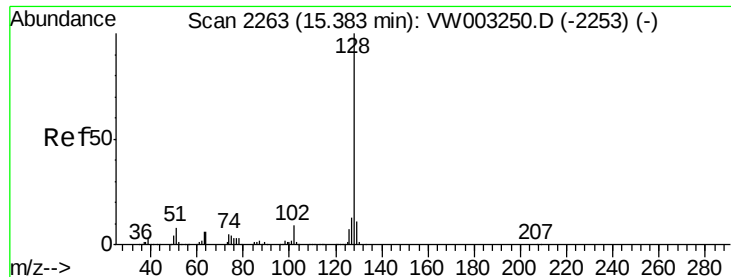
apatel
6/26/2018 11:43:57 AM



#91
1,2-Dichlorobenzene
Concen: 19.19 ug/l
RT: 13.88 min Scan# 2016
Delta R.T. -0.00 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	62.6	20.3	61.0#
148	62.1	32.3	96.9





#95
Naphthalene
Concen: 5.10 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003495.D
Acq: 24 Jun 2018 07:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-27-29-180621

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.5	15.7
129	10.6	8.9	13.3

Manual Integrations
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apatel
6/26/2018 11:43:57 AM

