

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005104.D
 Acq On : 05 Sep 2018 03:26
 Operator : SY/AP
 Sample : VW0904SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Manual Integrations
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 9/5/2018 10:03:00 AM

Quant Time: Sep 05 05:27:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	470127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	680479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	678644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	385637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	204542	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.89	113	204612	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	10.33	98	945536	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	344407	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	81673	21.56	ug/l	99
3) Chloromethane	2.21	50	115603	21.03	ug/l	100
4) Vinyl Chloride	2.36	62	111320	20.82	ug/l	99
5) Bromomethane	2.74	94	81096	22.19	ug/l	98
6) Chloroethane	2.90	64	68449	20.57	ug/l	94
7) Trichlorofluoromethane	3.25	101	126370	21.01	ug/l	100
8) Diethyl Ether	3.68	74	46206	21.24	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	84988	20.57	ug/l	98
10) Methyl Iodide	4.27	142	103022	19.23	ug/l	99
11) Tert butyl alcohol	5.15	59	35832	163.39	ug/l	95
12) 1,1-Dichloroethene	4.04	96	78255	20.59	ug/l	99
13) Acrolein	3.89	56	24699	97.64	ug/l	100
14) Allyl chloride	4.67	41	120122	20.21	ug/l	100
15) Acrylonitrile	5.37	53	102239	111.40	ug/l	99
16) Acetone	4.12	43	91915	117.60	ug/l	99
17) Carbon Disulfide	4.38	76	278734	21.04	ug/l	100
18) Methyl Acetate	4.67	43	61815	26.89	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	205920	22.31	ug/l	99
20) Methylene Chloride	4.92	84	165376	29.75	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	96567	20.85	ug/l	98
22) Diisopropyl ether	6.32	45	265925	21.27	ug/l	98
23) Vinyl Acetate	6.26	43	667938	101.69	ug/l	99
24) 1,1-Dichloroethane	6.22	63	161775	20.70	ug/l	98
25) 2-Butanone	7.17	43	151451	111.72	ug/l	100
26) 2,2-Dichloropropane	7.17	77	120947	18.83	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	107740	21.26	ug/l	98
28) Bromochloromethane	7.52	49	64998	20.66	ug/l	95
29) Tetrahydrofuran	7.54	42	77441	111.80	ug/l	99
30) Chloroform	7.68	83	167306	20.97	ug/l	99
31) Cyclohexane	7.96	56	154109	20.13	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	145756	20.98	ug/l	99
36) 1,1-Dichloropropene	8.09	75	136975	21.14	ug/l	99
37) Ethyl Acetate	7.26	43	54503	22.49	ug/l	99
38) Carbon Tetrachloride	8.07	117	130531	21.18	ug/l	99

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Quant Time: Sep 05 05:27:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	155868	19.89	ug/l	99
40) Benzene	8.33	78	417095	21.02	ug/l	98
41) Methacrylonitrile	7.49	41	31178	22.20	ug/l	96
42) 1,2-Dichloroethane	8.40	62	104506	21.52	ug/l	99
43) Isopropyl Acetate	8.43	43	93930	21.30	ug/l	99
44) Trichloroethene	9.10	130	115661	21.61	ug/l	95
45) 1,2-Dichloropropane	9.37	63	104492	21.56	ug/l	99
46) Dibromomethane	9.46	93	50884	21.96	ug/l	99
47) Bromodichloromethane	9.65	83	126973	21.76	ug/l	95
48) Methyl methacrylate	9.44	41	45221	21.29	ug/l	96
49) 1,4-Dioxane	9.45	88	18220	486.13	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	333148	112.71	ug/l	99
52) Toluene	10.39	92	287617	21.39	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	120570	21.03	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	149874	21.49	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	79672	22.20	ug/l	98
56) Ethyl methacrylate	10.65	69	89816	21.94	ug/l	99
57) 1,3-Dichloropropane	10.93	76	129128	21.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	210649	108.59	ug/l	99
59) 2-Hexanone	10.98	43	229949	115.02	ug/l	98
60) Dibromochloromethane	11.13	129	87271	21.51	ug/l	100
61) 1,2-Dibromoethane	11.24	107	71505	22.07	ug/l	98
64) Tetrachloroethene	10.87	164	117688	22.10	ug/l	97
65) Chlorobenzene	11.66	112	321019	21.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	99131	21.23	ug/l	98
67) Ethyl Benzene	11.74	91	535126	20.72	ug/l	99
68) m/p-Xylenes	11.85	106	443916	42.93	ug/l	99
69) o-Xylene	12.17	106	202681	21.20	ug/l	98
70) Styrene	12.19	104	342163	21.66	ug/l	100
71) Bromoform	12.35	173	54094	21.86	ug/l #	99
73) Isopropylbenzene	12.47	105	535030	19.68	ug/l	100
74) N-amyl acetate	12.28	43	92016	19.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	87651	21.17	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	56844m	19.64	ug/l	
77) Bromobenzene	12.75	156	137084	20.46	ug/l	99
78) n-propylbenzene	12.81	91	657159	20.02	ug/l	100
79) 2-Chlorotoluene	12.90	91	386324	20.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	475712	20.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23403	19.46	ug/l	99
82) 4-Chlorotoluene	12.99	91	403369	19.95	ug/l	98
83) tert-Butylbenzene	13.21	119	386125	19.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	488988	20.42	ug/l	100
85) sec-Butylbenzene	13.39	105	575143	19.93	ug/l	100
86) p-Isopropyltoluene	13.51	119	512486	20.06	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	285526	20.75	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	282360	20.68	ug/l	99
89) n-Butylbenzene	13.83	91	464581	19.62	ug/l	99
90) Hexachloroethane	14.10	117	83466	19.67	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	256371	21.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14032	21.69	ug/l	98

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ClientSampleId :
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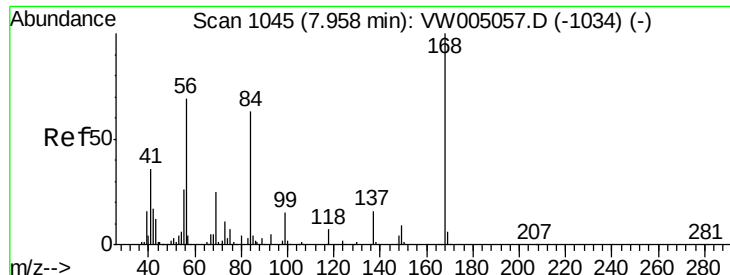
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	166922	20.75	ug/l	99
94) Hexachlorobutadiene	15.24	225	103098	20.61	ug/l	99
95) Naphthalene	15.38	128	258580	21.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	146292	21.25	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion:168 Resp: 470127

Ion Ratio Lower Upper

168 100

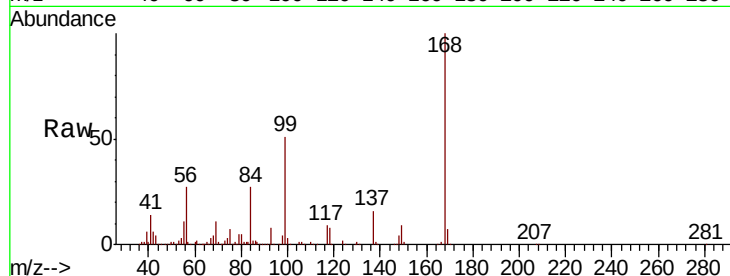
99 51.0 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

100000

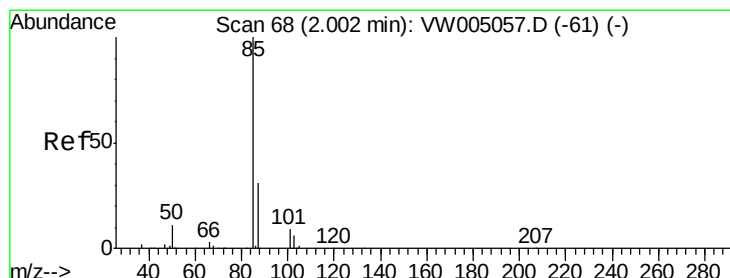
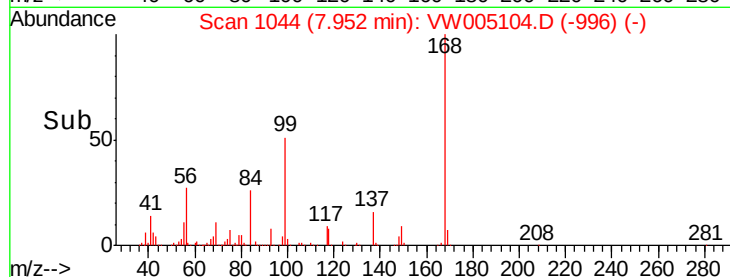
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.56 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW005104.D

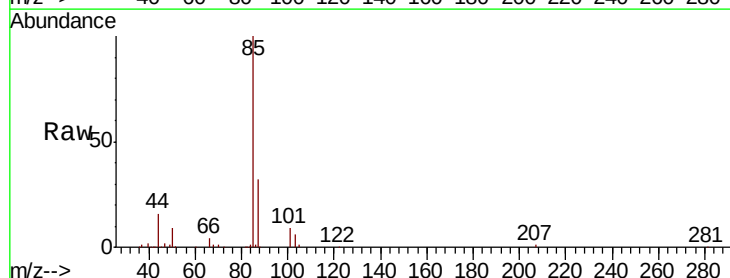
Acq: 05 Sep 2018 03:26

Tgt Ion: 85 Resp: 81673

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

50000

40000

30000

20000

10000

0

1.90

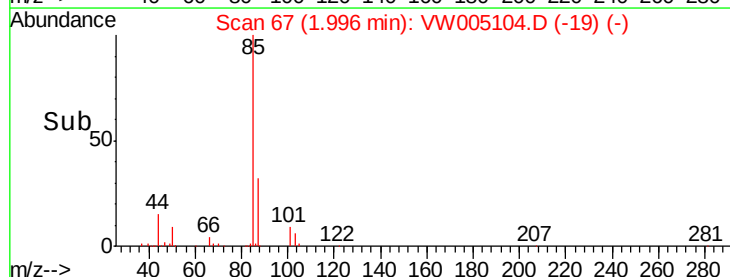
1.95

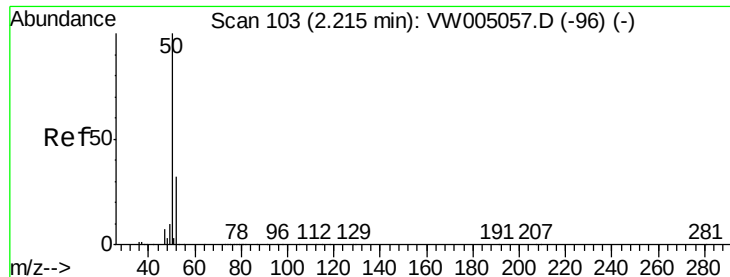
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 21.03 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion: 50 Resp: 115603

Ion Ratio Lower Upper

50 100

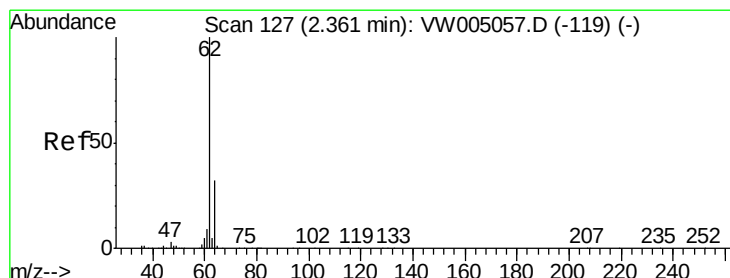
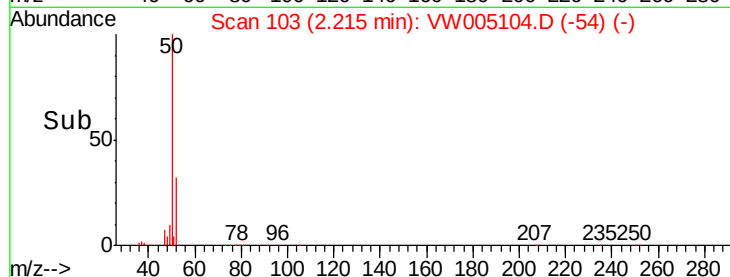
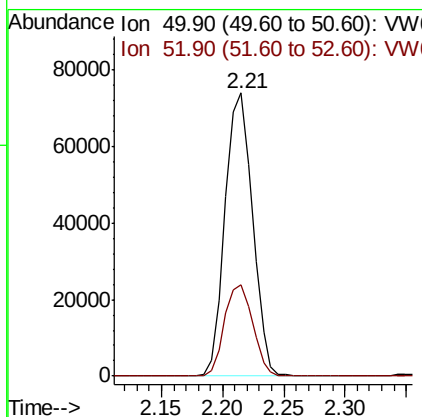
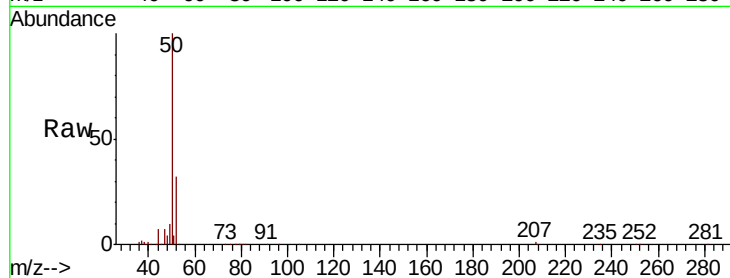
52 32.3 25.8 38.6

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#4

Vinyl Chloride

Concen: 20.82 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005104.D

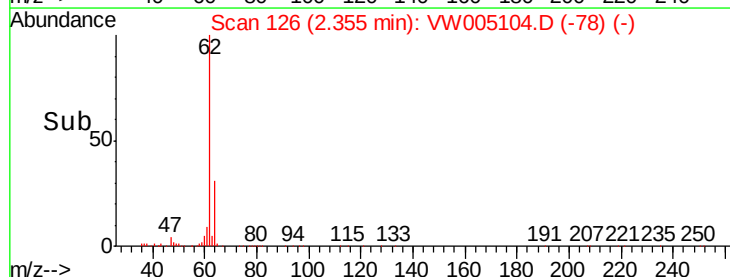
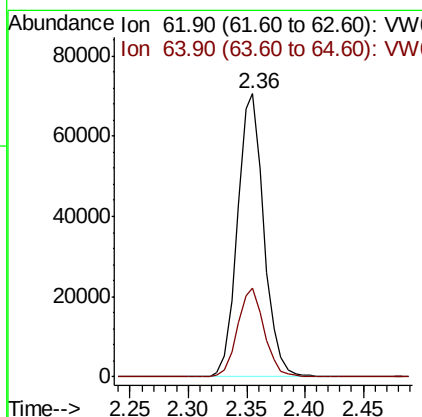
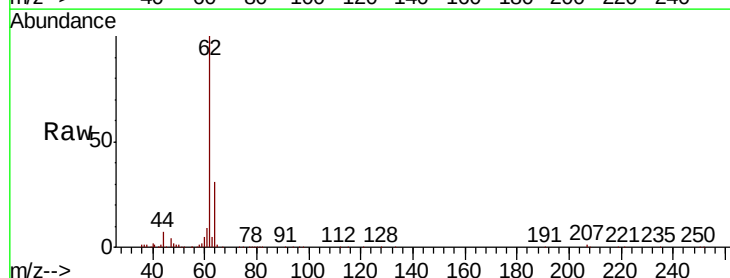
Acq: 05 Sep 2018 03:26

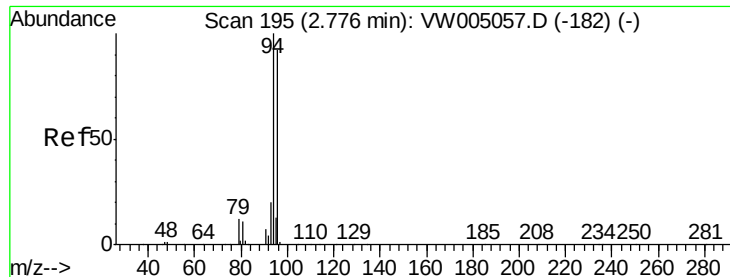
Tgt Ion: 62 Resp: 111320

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 22.19 ug/l

RT: 2.74 min Scan# 189

Delta R.T. -0.04 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion: 94 Resp: 81096

Ion Ratio Lower Upper

94 100

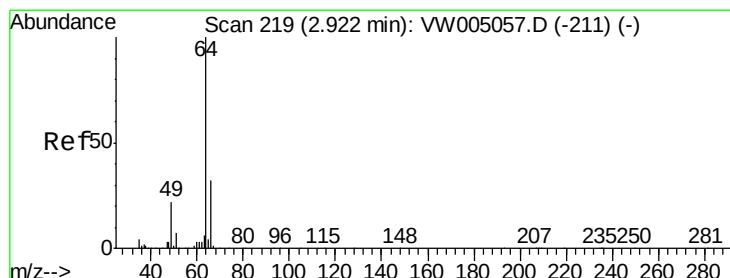
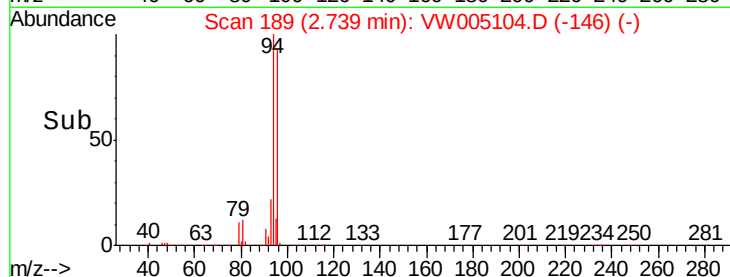
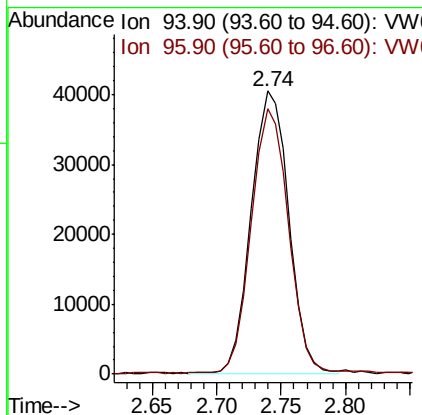
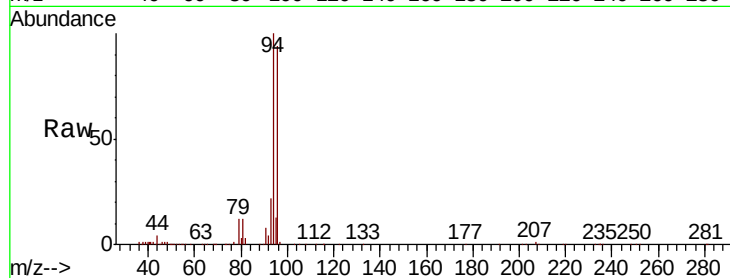
96 93.5 73.2 109.8

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#6

Chloroethane

Concen: 20.57 ug/l

RT: 2.90 min Scan# 216

Delta R.T. -0.02 min

Lab File: VW005104.D

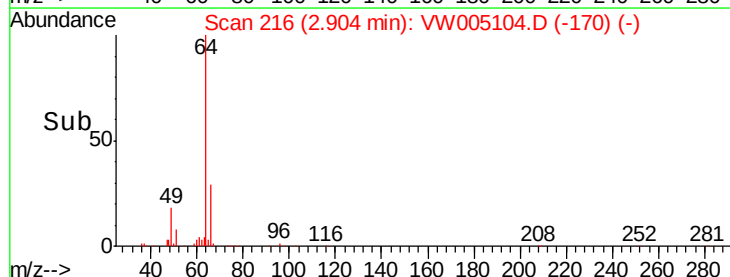
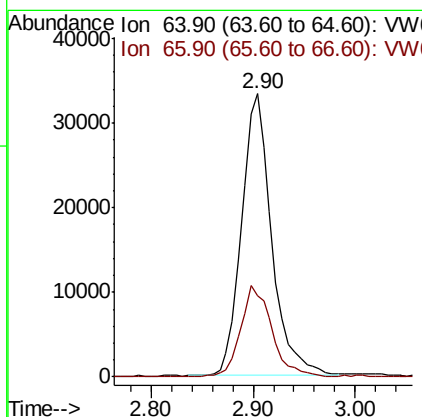
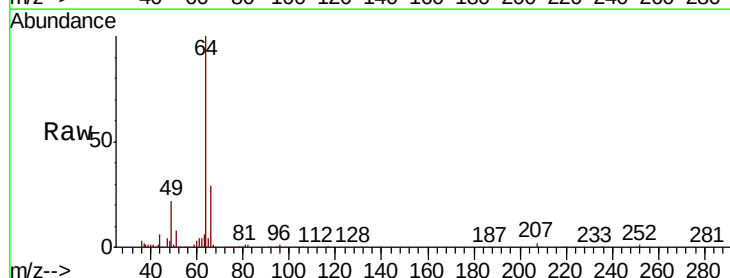
Acq: 05 Sep 2018 03:26

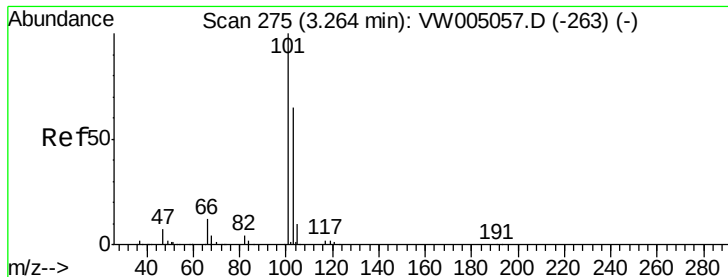
Tgt Ion: 64 Resp: 68449

Ion Ratio Lower Upper

64 100

66 28.5 25.7 38.5





#7

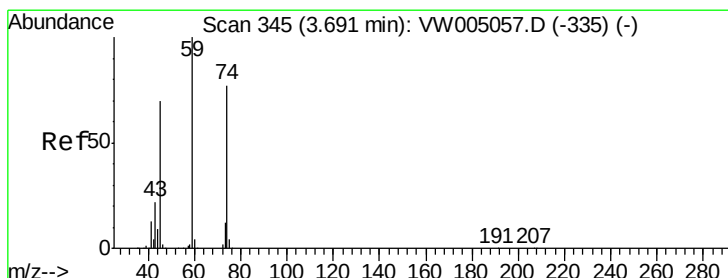
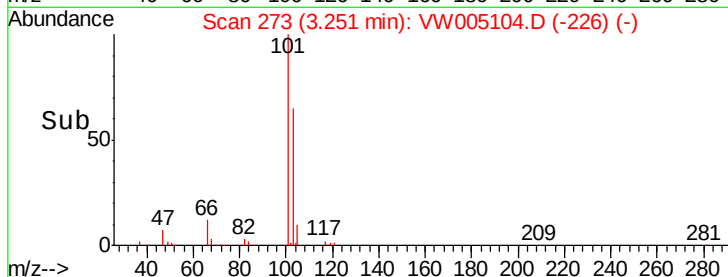
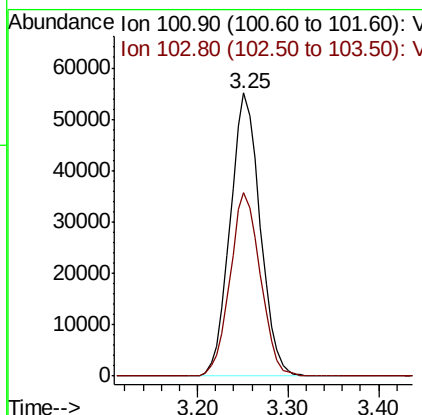
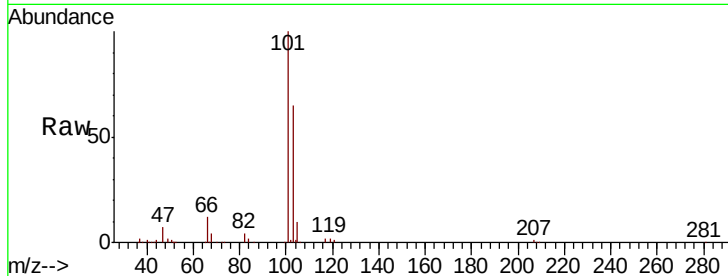
Trichlorofluoromethane
 Concen: 21.01 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
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 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.9	77.9

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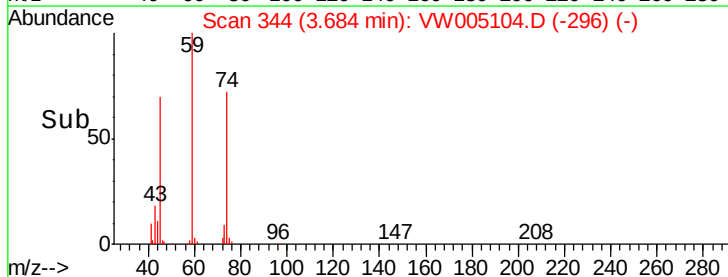
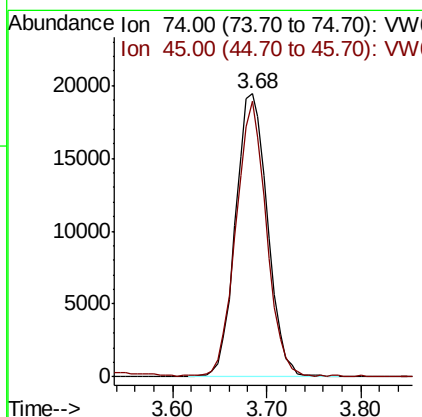
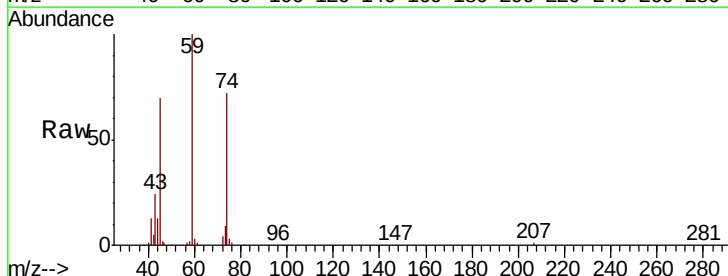
apatel
 9/5/2018 10:03:00 AM

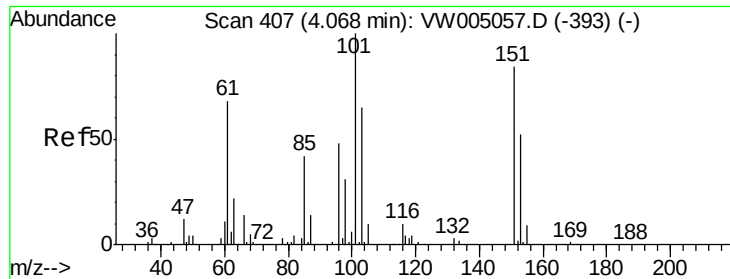


#8

Diethyl Ether
 Concen: 21.24 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.6	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.57 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

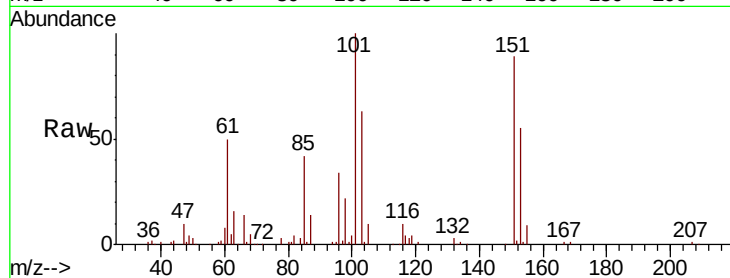
ClientSampled :

VW0904SBSD02

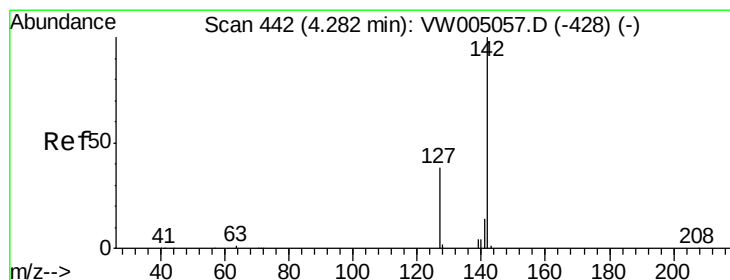
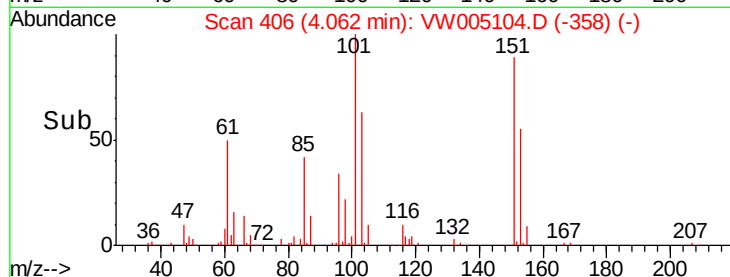
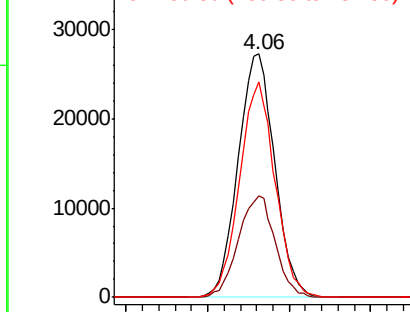
Tot Ion:	101	Resp:	84988
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.0	49.6
151	85.8	67.0	100.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.23 ug/l

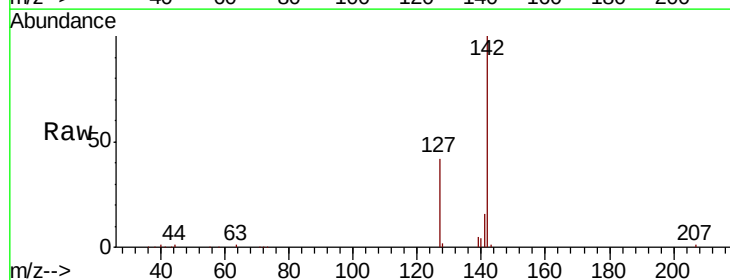
RT: 4.27 min Scan# 440

Delta R.T. -0.01 min

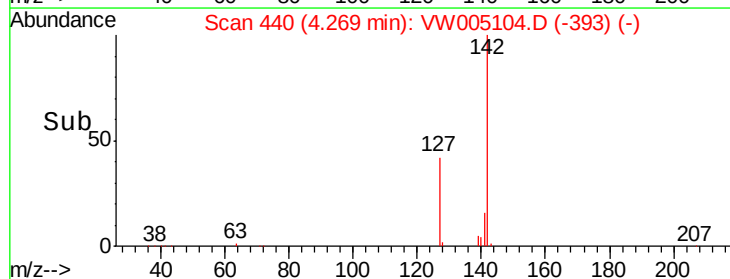
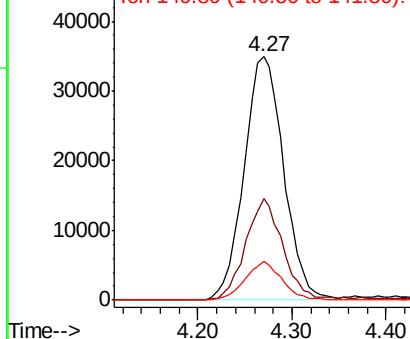
Lab File: VW005104.D

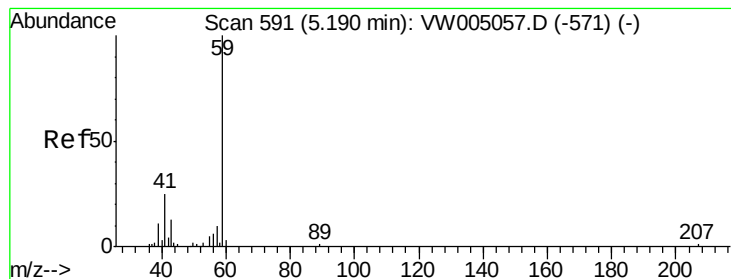
Acq: 05 Sep 2018 03:26

Tgt Ion:	142	Resp:	103022
Ion Ratio	Lower	Upper	
142	100		
127	39.2	30.8	46.2
141	14.7	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

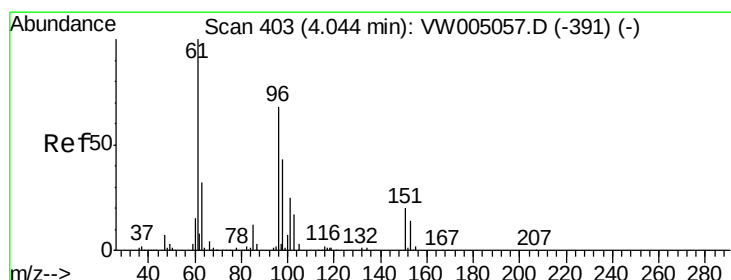
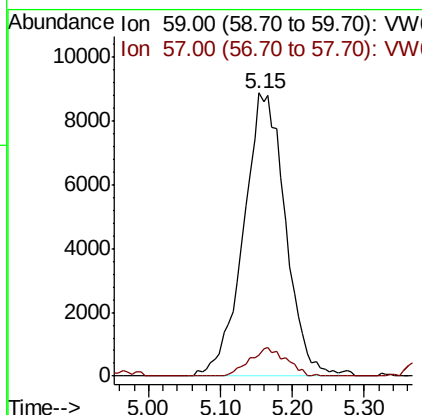
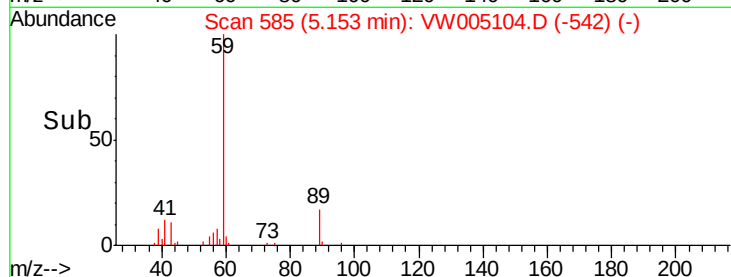
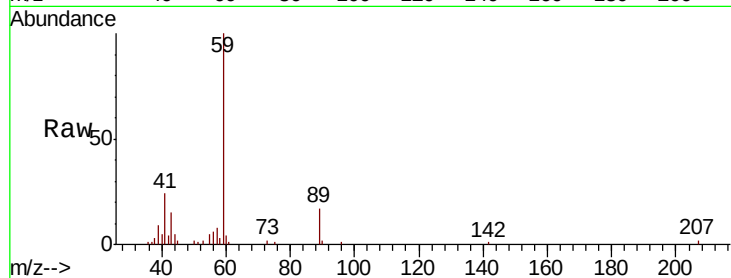
Tert butyl alcohol
Concen: 163.39 ug/l
RT: 5.15 min Scan# 585
Delta R.T. -0.04 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	35832		
57	8.8		8.6	12.8

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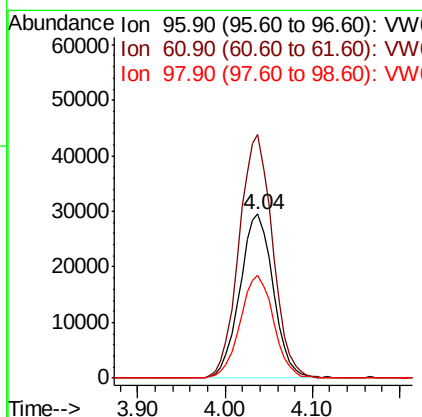
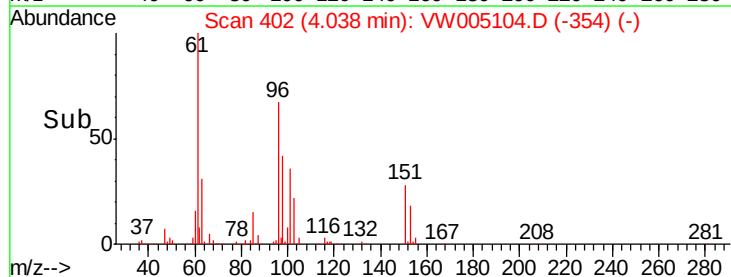
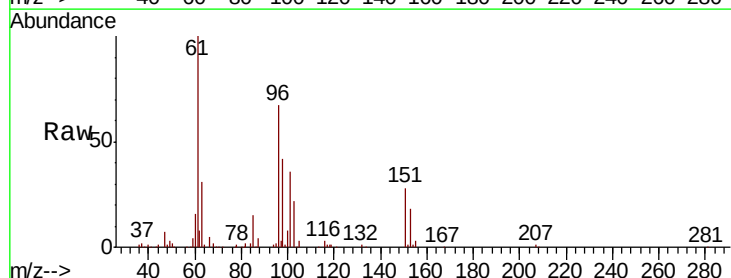
apatel
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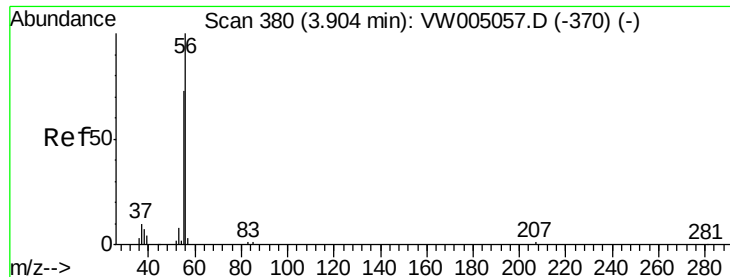


#12

1,1-Dichloroethene
Concen: 20.59 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	78255		
61	148.4		117.4	176.0
98	62.4		51.0	76.4





#13

Acrolein

Concen: 97.64 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion: 56 Resp: 24699

Ion Ratio Lower Upper

56 100

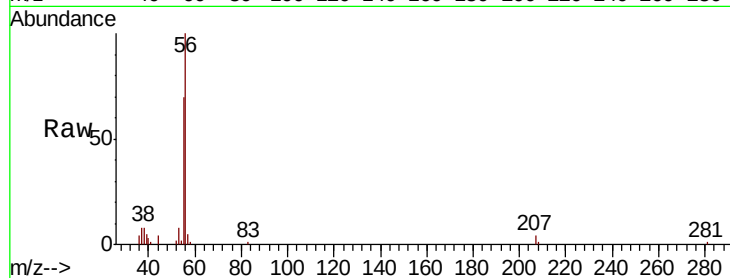
55 72.6 58.1 87.1

Manual Integrations

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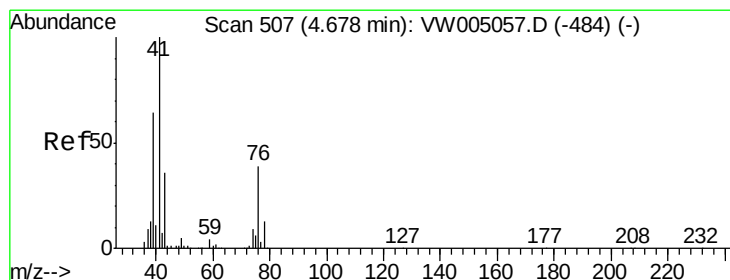
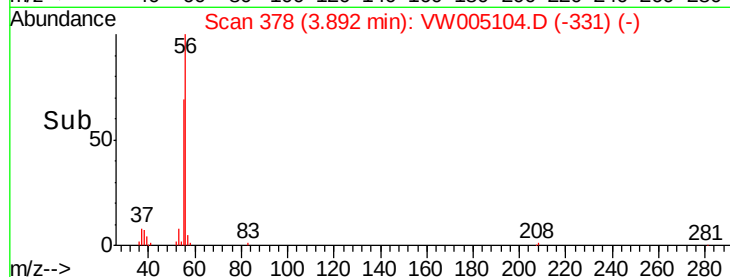
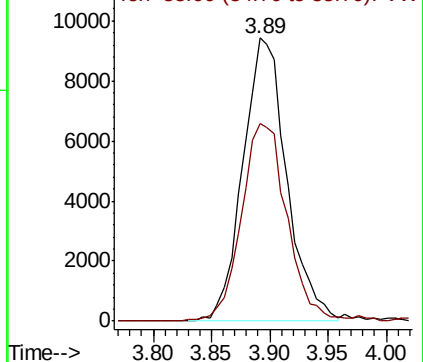
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.21 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

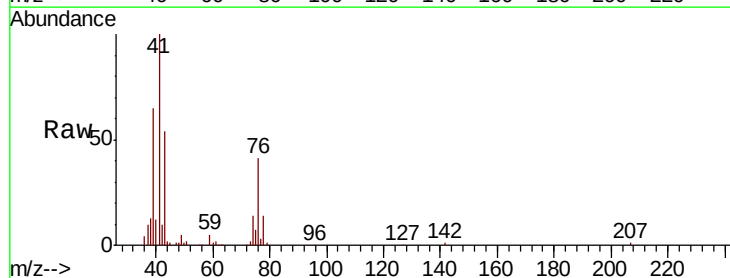
Tgt Ion: 41 Resp: 120122

Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.2

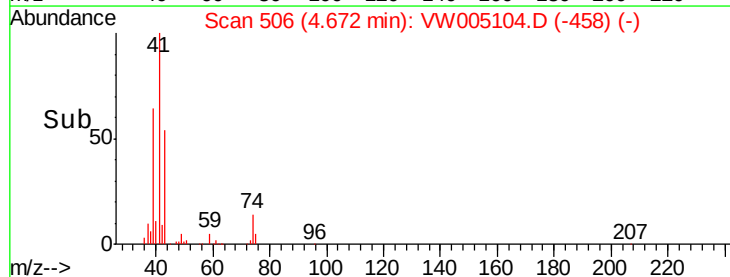
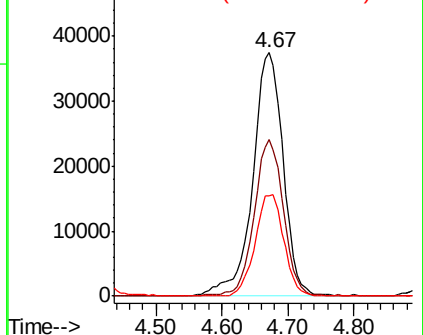
76 39.2 31.8 47.6

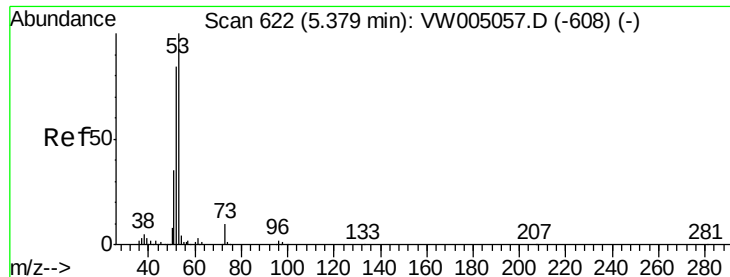


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





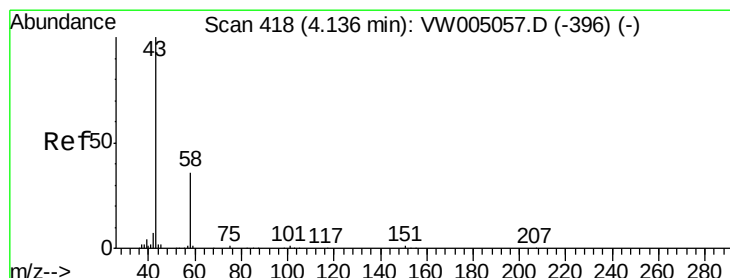
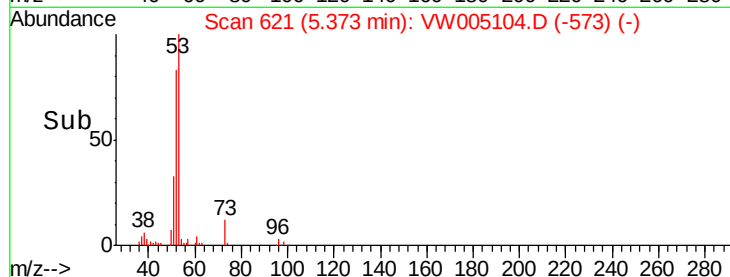
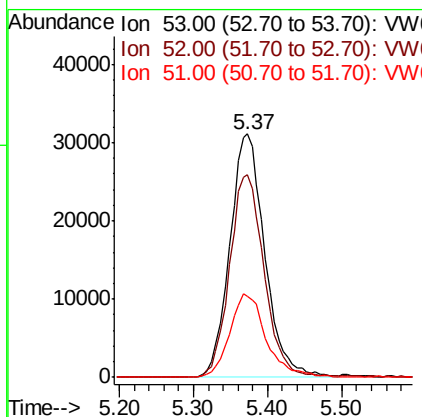
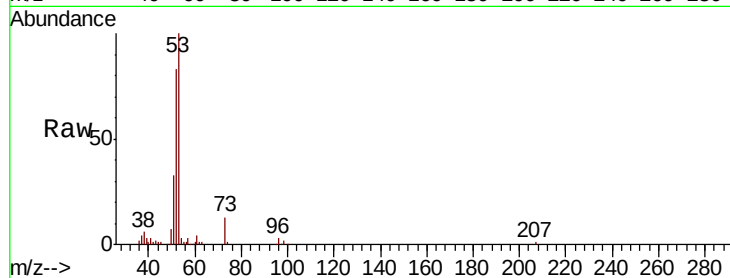
#15
 Acrylonitrile
 Concen: 111.40 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0904SBSD02

Tot Ion	53	Resp	102239
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.7	98.5
51	35.8	28.8	43.2

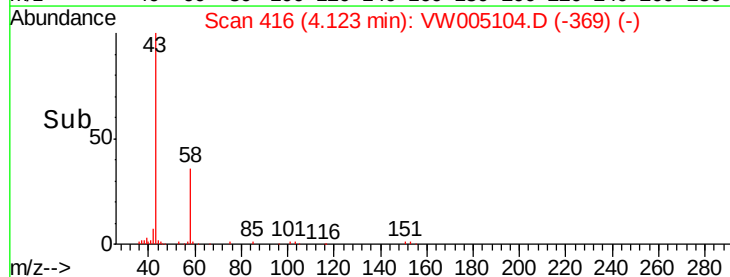
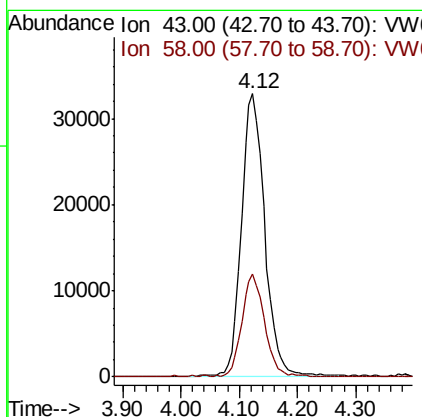
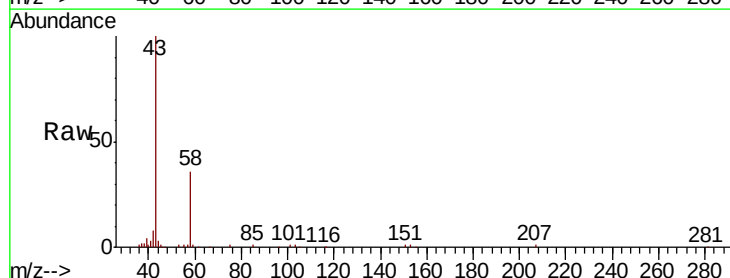
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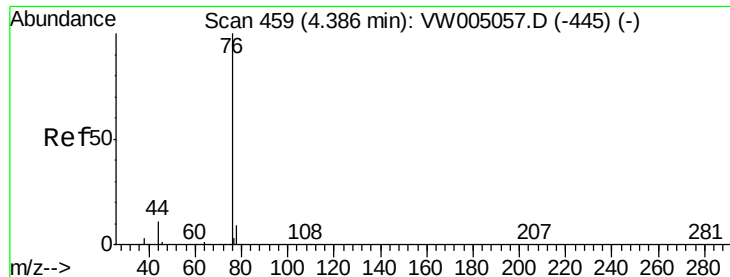
apatel
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#16
 Acetone
 Concen: 117.60 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	43	Resp	91915
Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.0	43.6





#17

Carbon Disulfide

Concen: 21.04 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion: 76 Resp: 278734

Ion Ratio Lower Upper

76 100

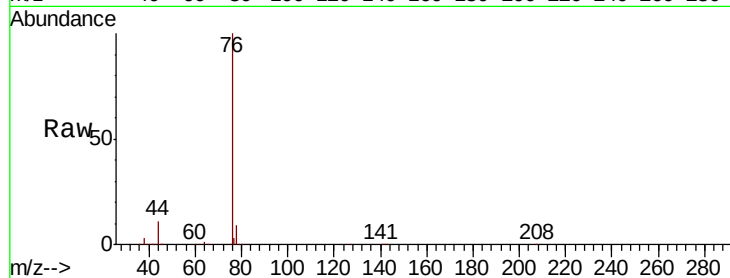
78 9.1 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

100000

80000

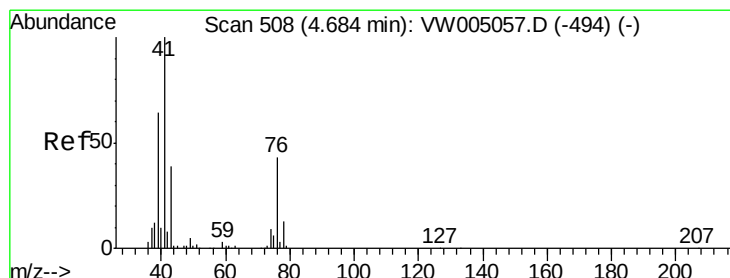
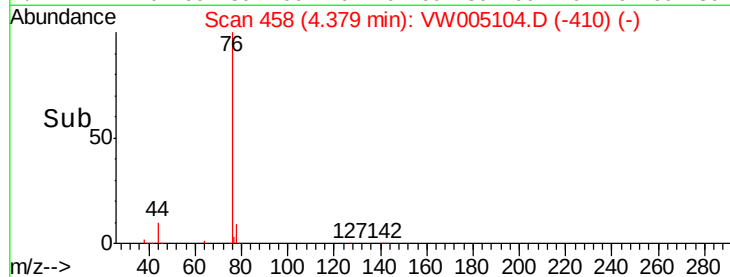
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 26.89 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005104.D

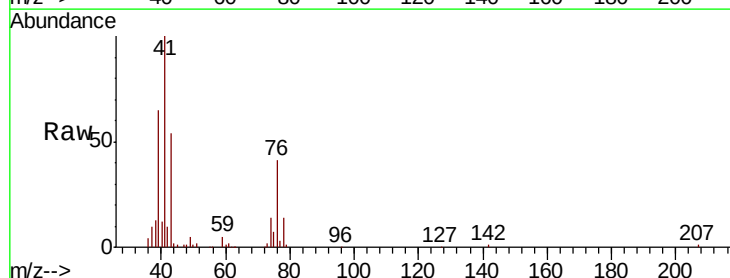
Acq: 05 Sep 2018 03:26

Tgt Ion: 43 Resp: 61815

Ion Ratio Lower Upper

43 100

74 26.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

20000

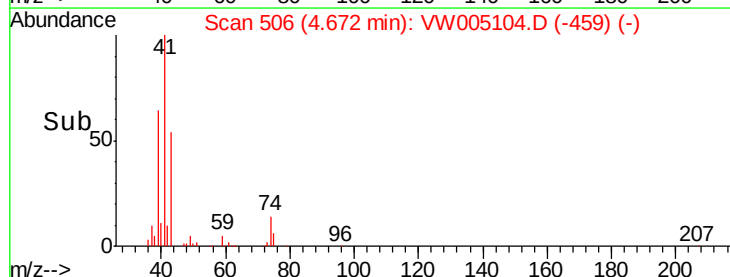
15000

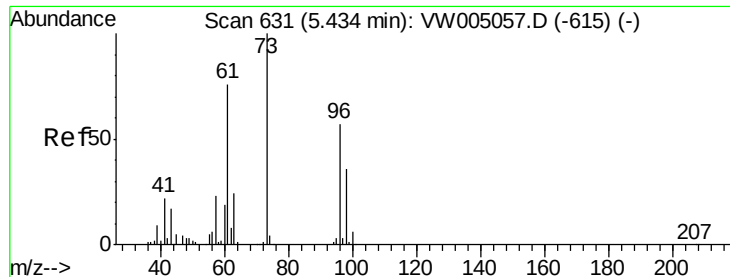
10000

5000

0

Time-->





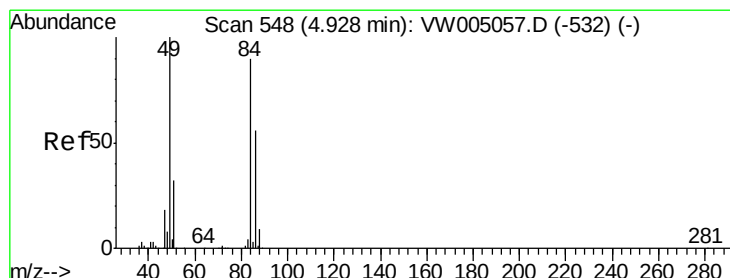
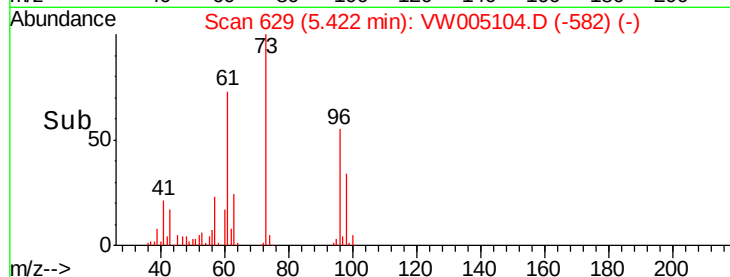
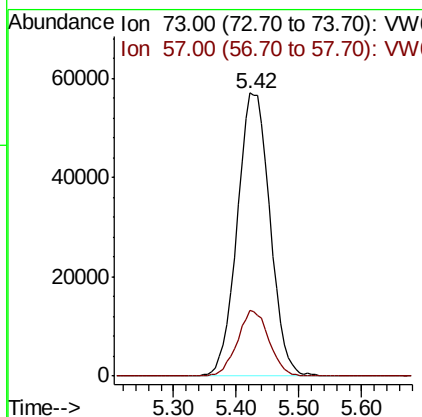
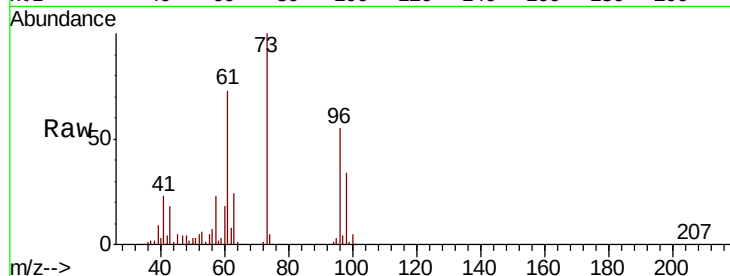
#19
Methyl tert-butyl Ether
Concen: 22.31 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion: 73 Resp: 205920
Ion Ratio Lower Upper
73 100
57 23.2 18.1 27.1

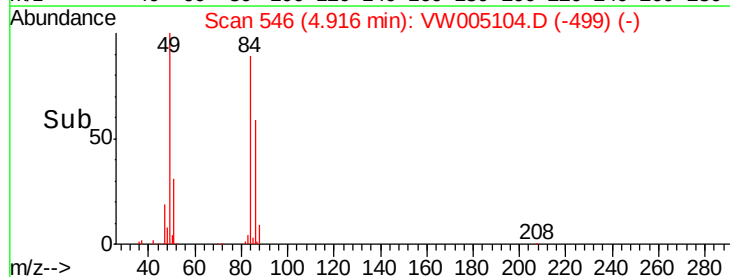
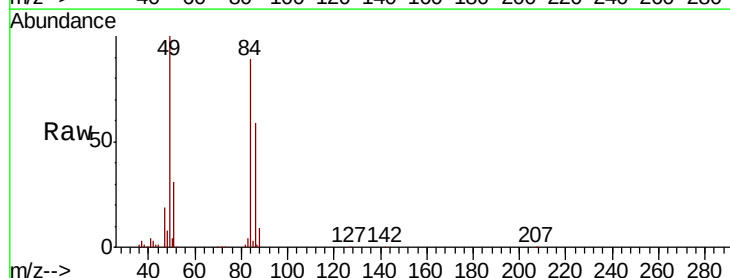
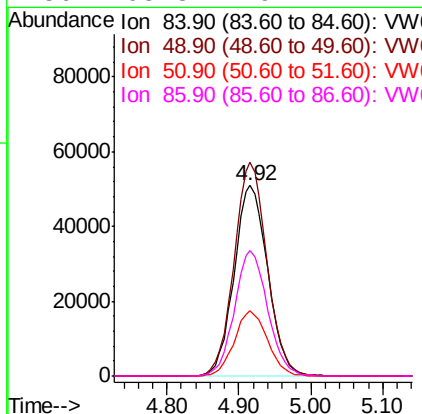
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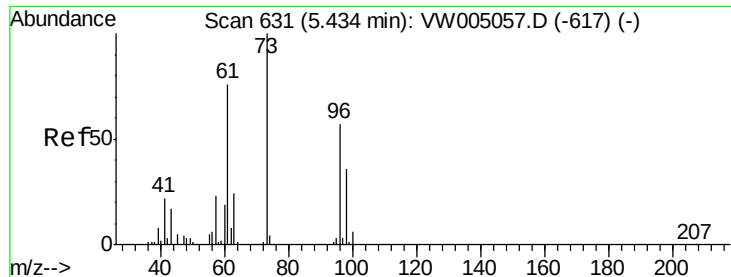
apatel
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#20
Methylene Chloride
Concen: 29.75 ug/l
RT: 4.92 min Scan# 546
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion: 84 Resp: 165376
Ion Ratio Lower Upper
84 100
49 112.1 88.7 133.1
51 34.4 28.6 42.8
86 65.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.85 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

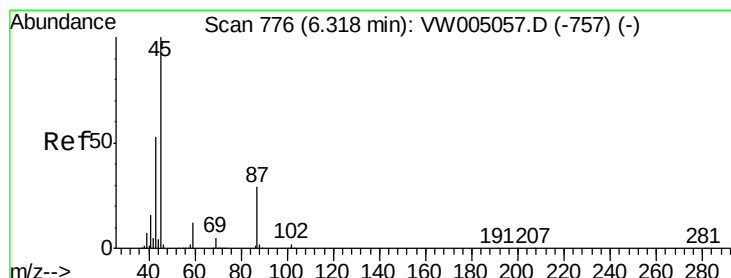
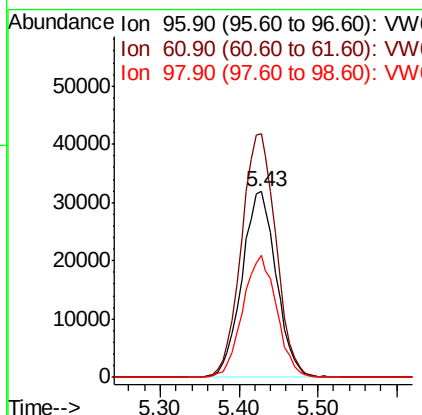
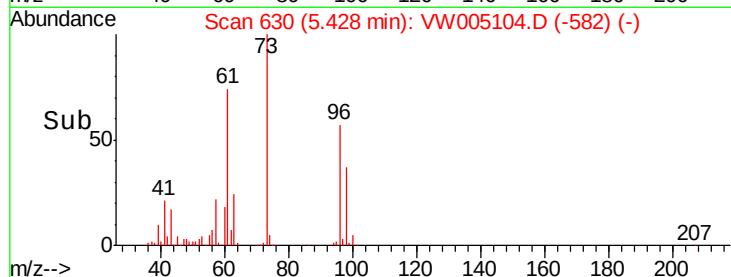
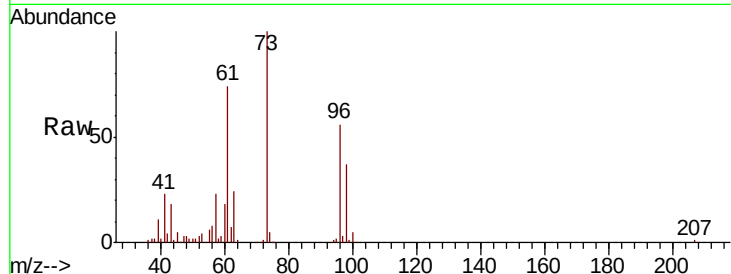
ClientSampleId :

VW0904SBSD02

Tot Ion:	96	Resp:	96567
Ion	Ratio	Lower	Upper
96	100		
61	131.0	106.3	159.5
98	65.6	50.9	76.3

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#22

Diisopropyl ether

Concen: 21.27 ug/l

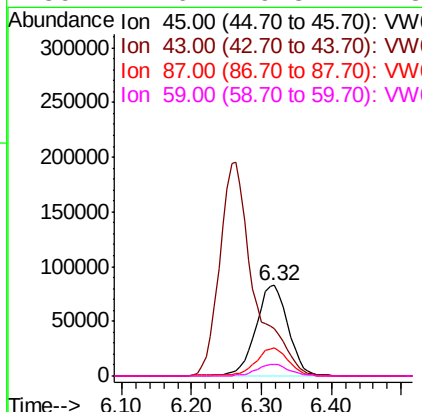
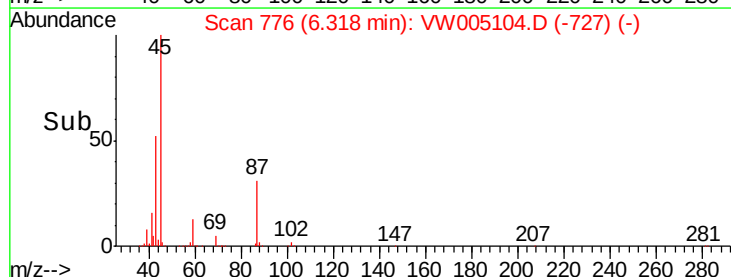
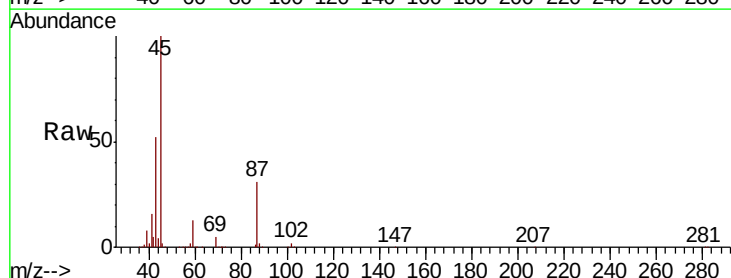
RT: 6.32 min Scan# 776

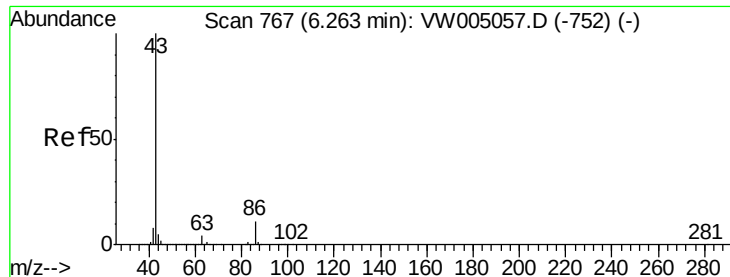
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	45	Resp:	265925
Ion	Ratio	Lower	Upper
45	100		
43	51.9	42.6	63.8
87	30.7	23.6	35.4
59	12.6	9.8	14.8





#23

Vinyl Acetate

Concen: 101.69 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion: 43 Resp: 667938

Ion Ratio Lower Upper

43 100

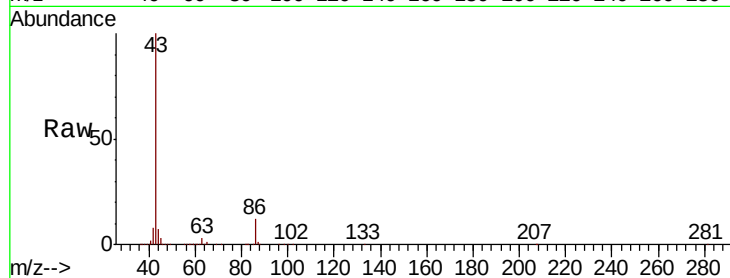
86 11.5 9.0 13.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

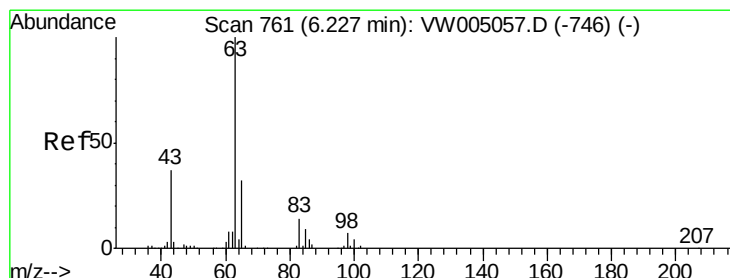
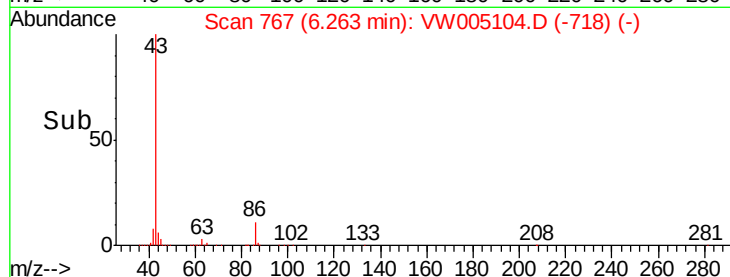
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.70 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

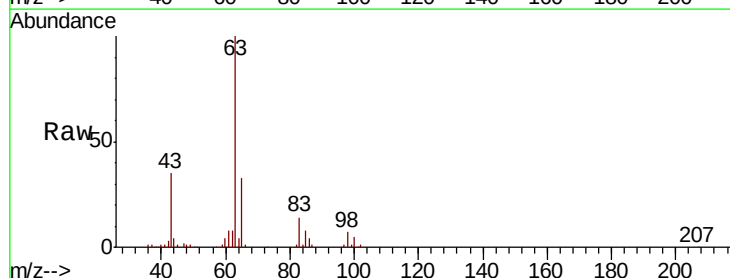
Tgt Ion: 63 Resp: 161775

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.9 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

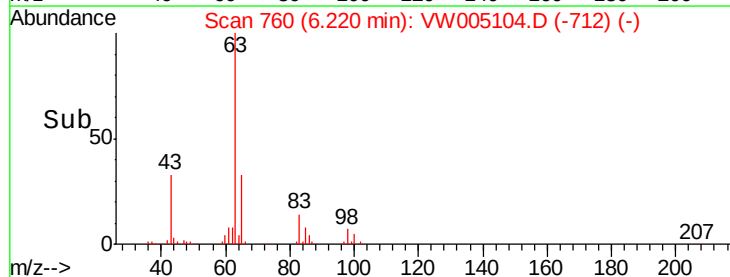
60000

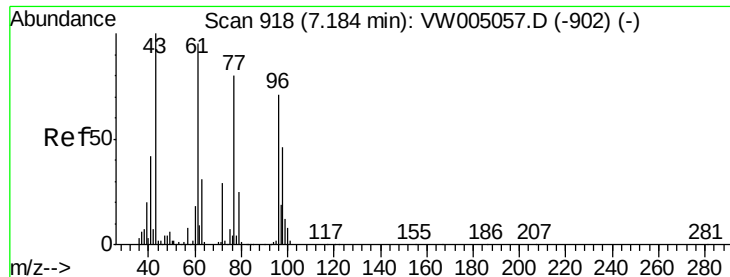
40000

20000

0

Time-->





#25

2-Butanone

Concen: 111.72 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion: 43 Resp: 151451

Ion Ratio Lower Upper

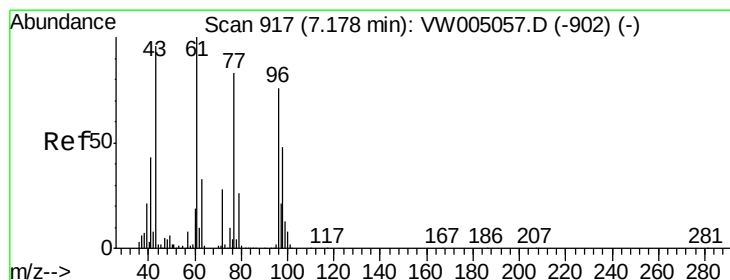
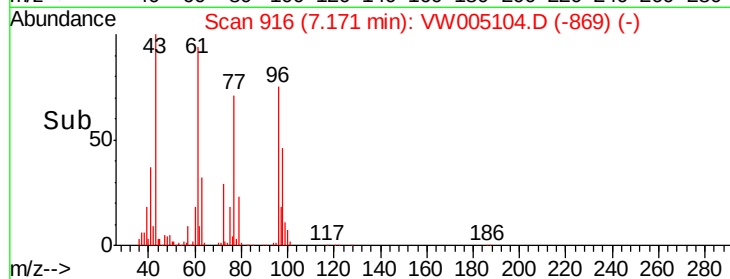
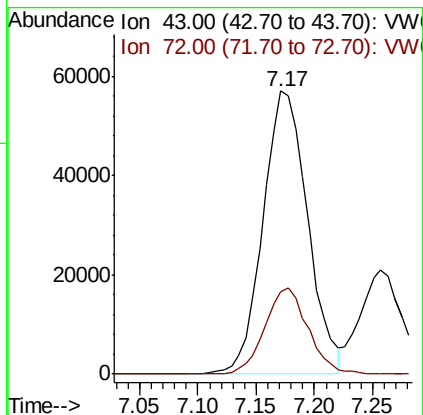
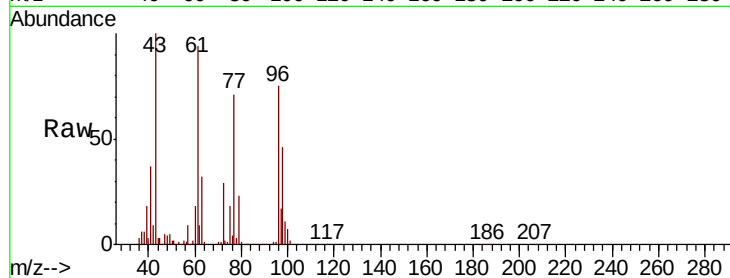
43 100

72 28.9 23.1 34.7

Manual Integrations
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apatel

9/5/2018 10:03:00 AM



#26

2,2-Dichloropropane

Concen: 18.83 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005104.D

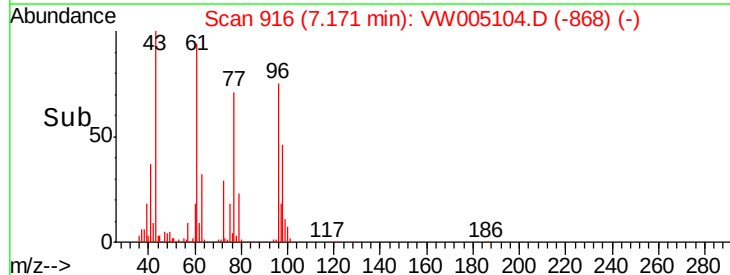
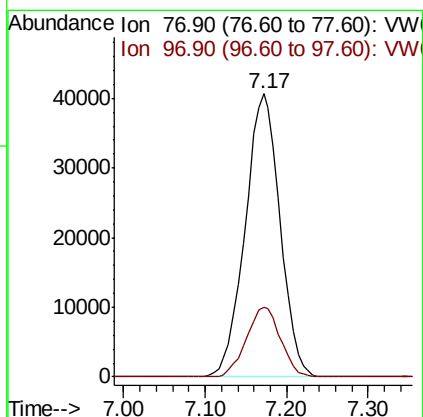
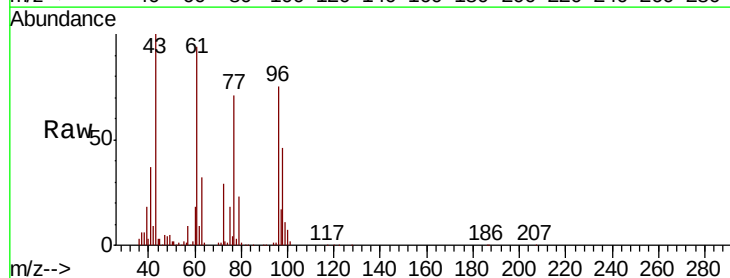
Acq: 05 Sep 2018 03:26

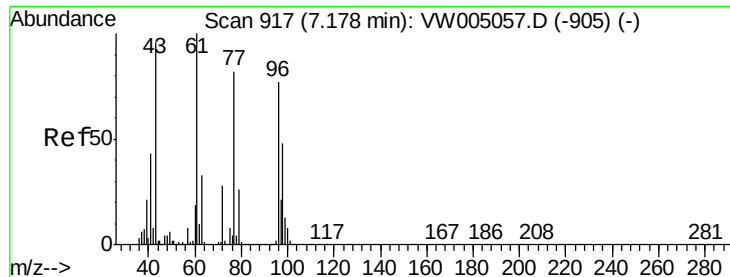
Tgt Ion: 77 Resp: 120947

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6





#27

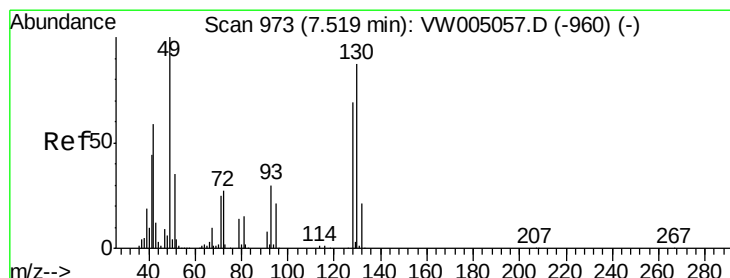
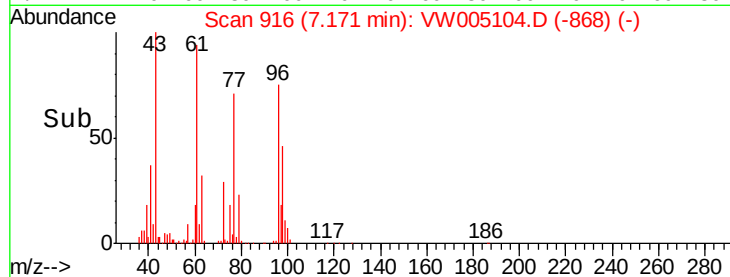
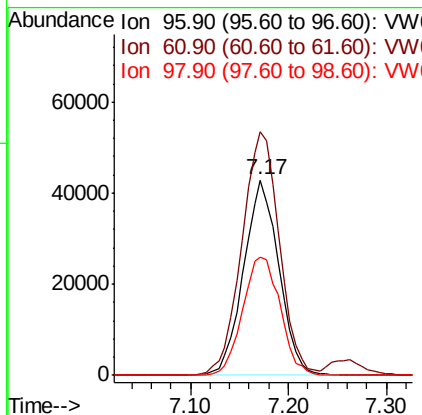
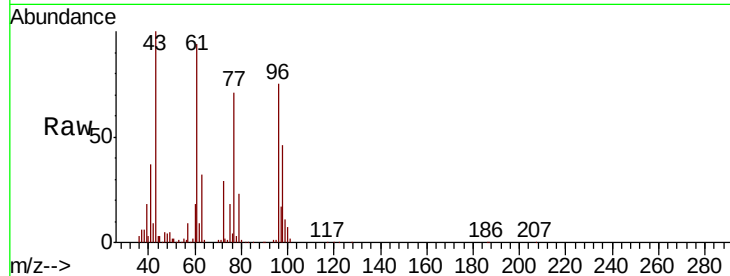
cis-1,2-Dichloroethene
 Concen: 21.26 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	107740		
61	132.9	0.0	273.2	
98	64.5	0.0	127.8	

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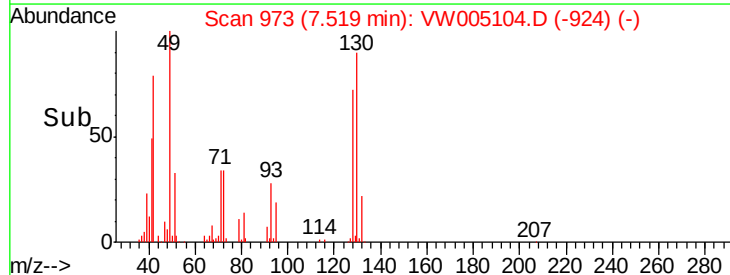
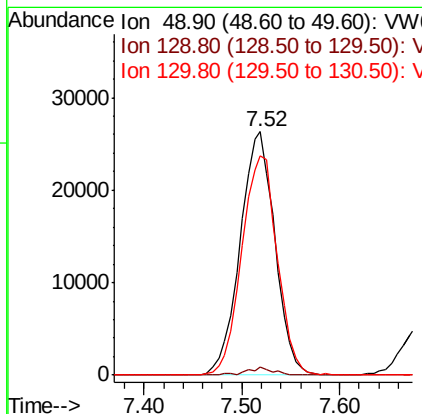
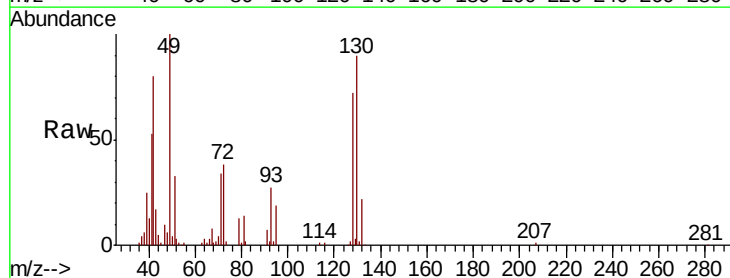
apatel
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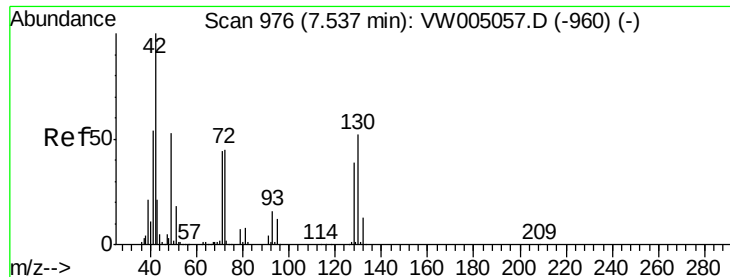


#28

Bromochloromethane
 Concen: 20.66 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	64998		
129	2.4	0.0	4.4	
130	92.0	69.6	104.4	





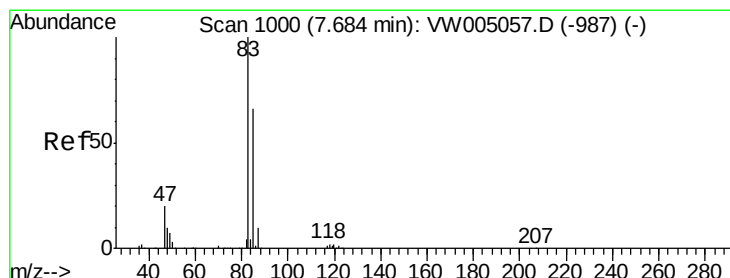
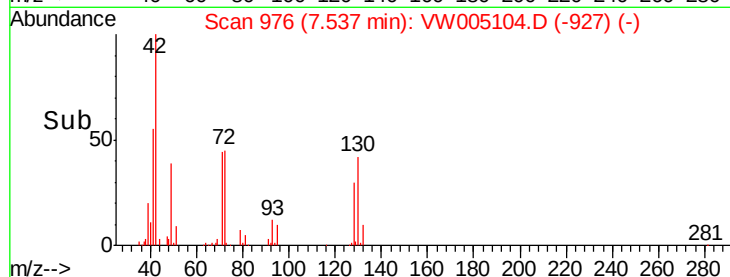
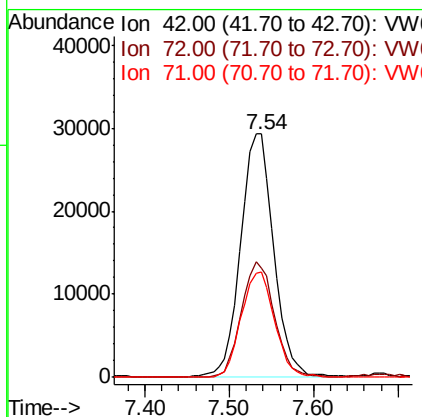
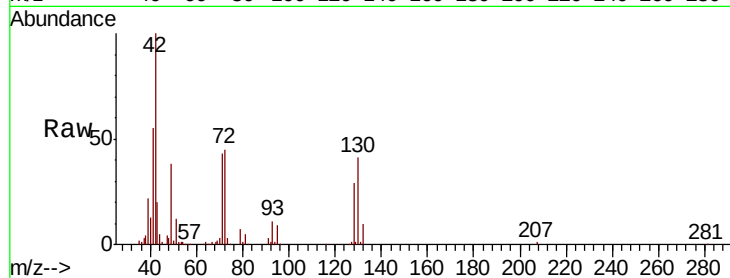
#29
Tetrahydrofuran
Concen: 111.80 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion:	42	Resp:	77441
Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.0	55.4
71	43.7	35.0	52.6

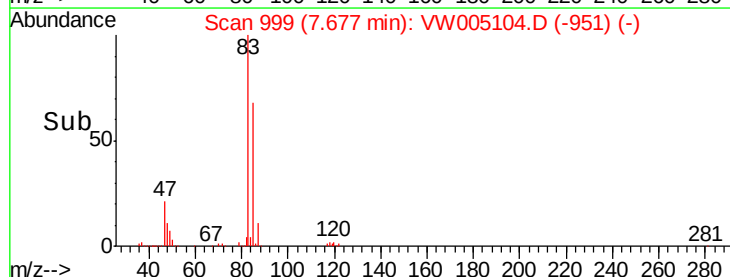
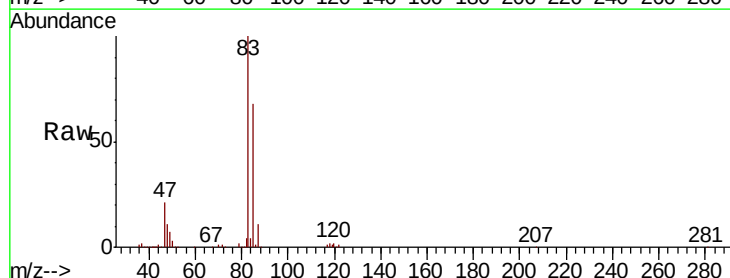
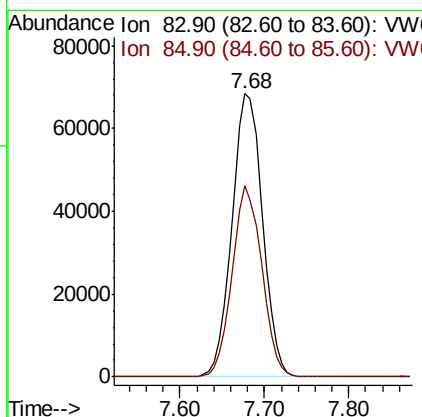
Manual Integrations
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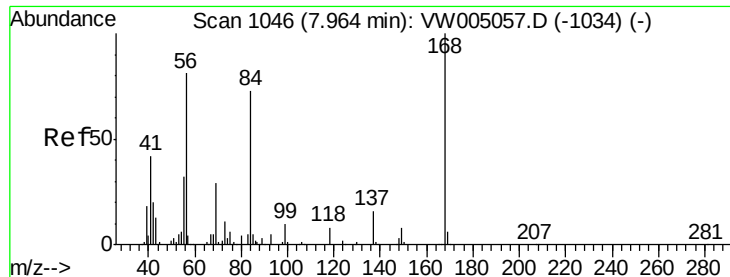
apatel
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#30
Chloroform
Concen: 20.97 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion:	83	Resp:	167306
Ion	Ratio	Lower	Upper
83	100		
85	67.6	53.1	79.7





#31

Cyclohexane

Concen: 20.13 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

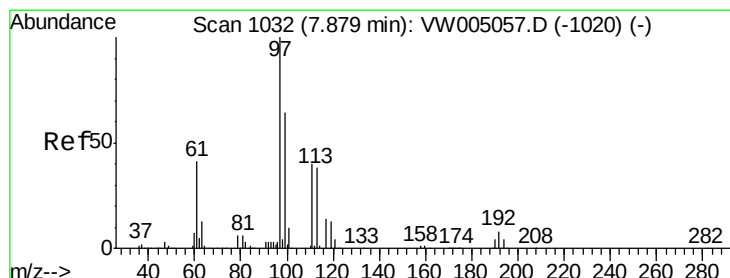
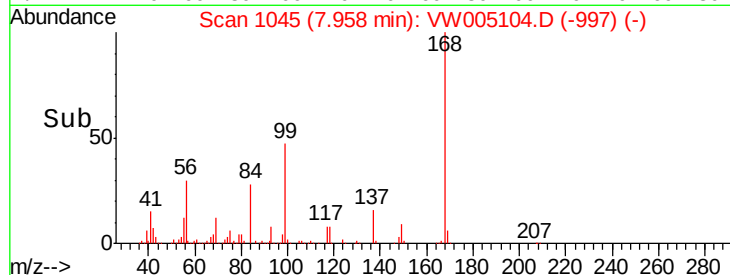
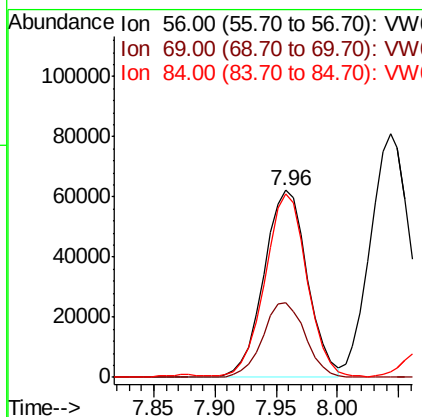
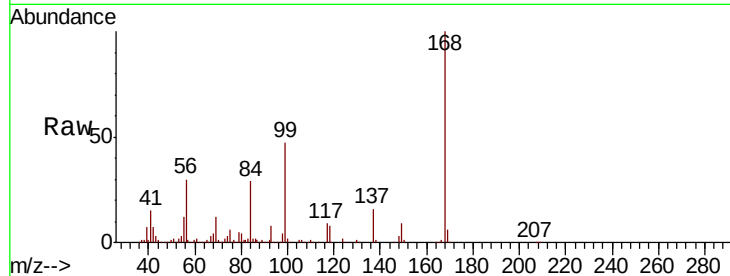
ClientSampleId :

VW0904SBSD02

Tot Ion:	56	Resp:	154109
Ion	Ratio	Lower	Upper
56	100		
69	39.8	28.2	42.2
84	96.9	71.8	107.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.98 ug/l

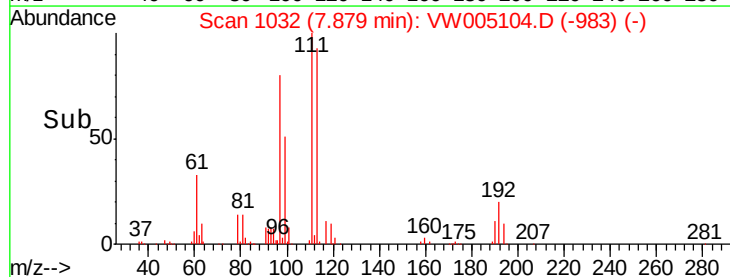
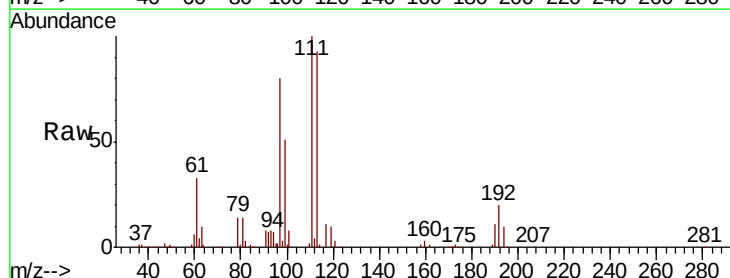
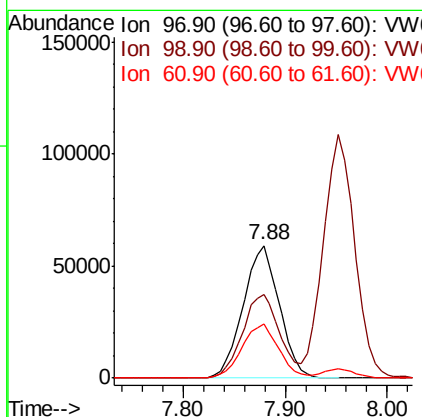
RT: 7.88 min Scan# 1032

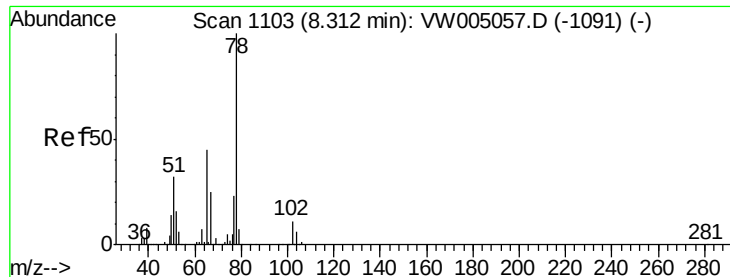
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	97	Resp:	145756
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.8
61	41.4	33.2	49.8





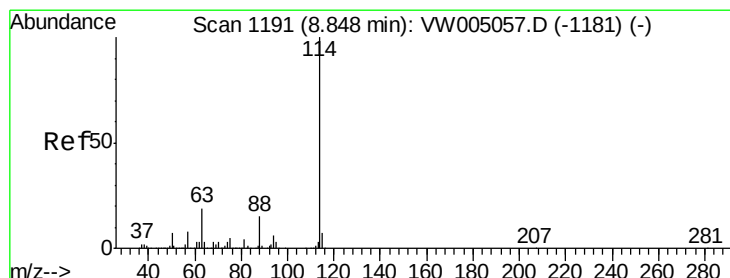
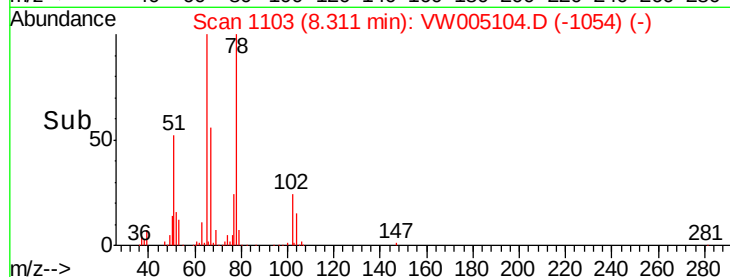
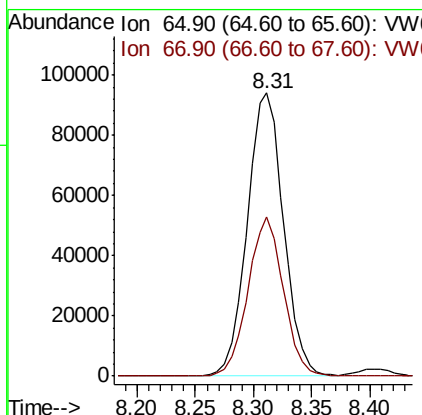
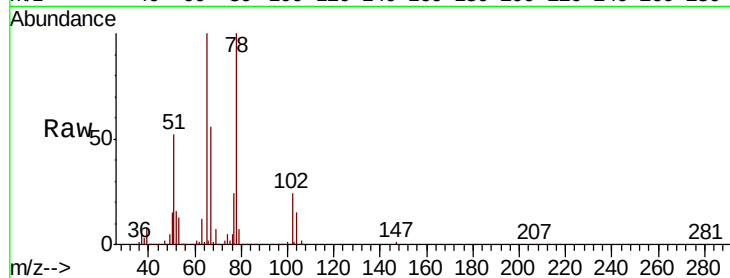
#33
 1,2-Dichloroethane-d4
 Concen: 52.49 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.4

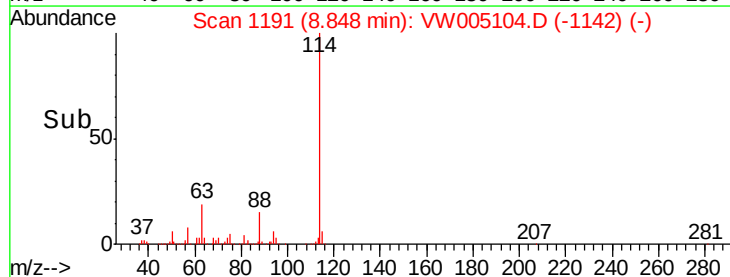
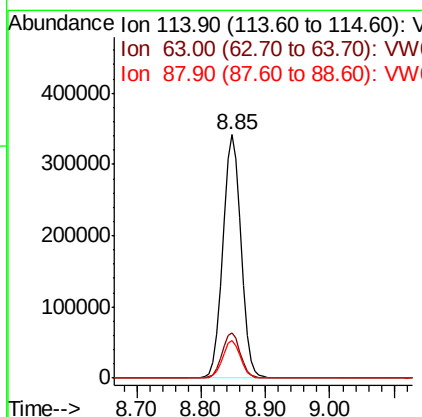
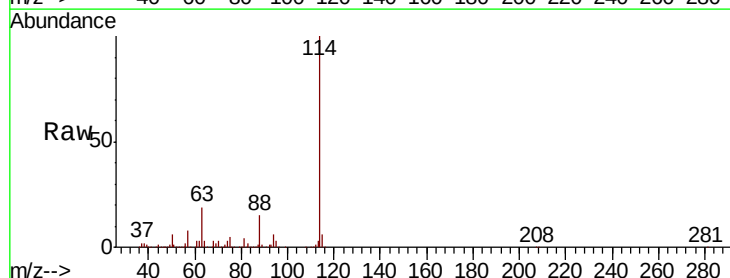
Manual Integrations
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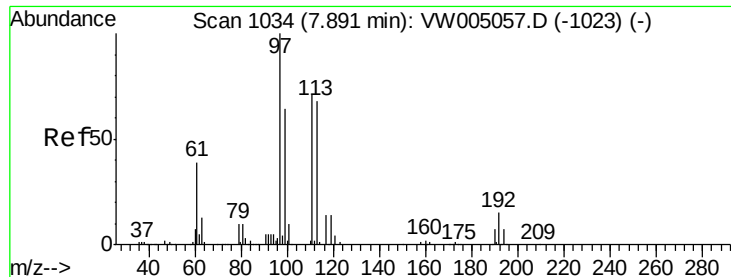
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.0
88	15.3	0.0	30.2





#35

Dibromofluoromethane

Concen: 52.03 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

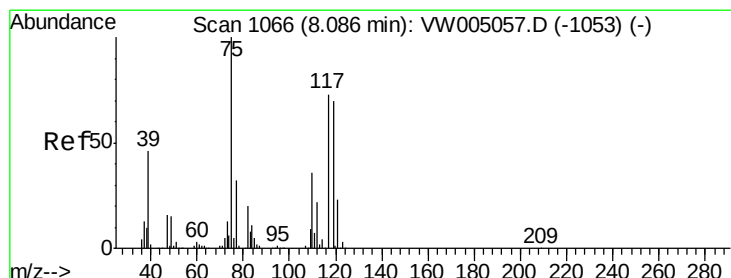
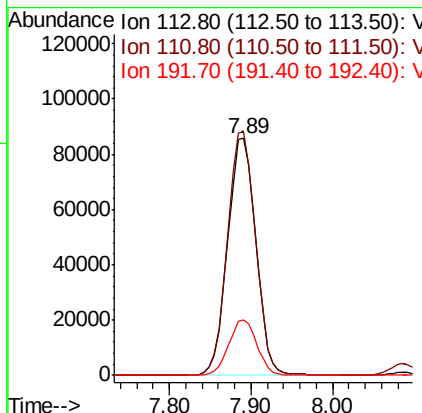
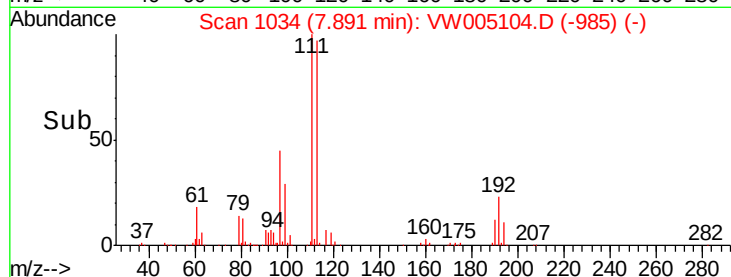
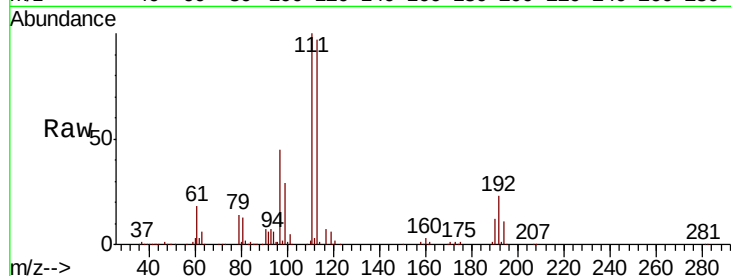
ClientSampleId :

VW0904SBSD02

Tot Ion:	113	Resp:	204612
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.2	123.2
192	23.3	18.1	27.1

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#36

1,1-Dichloropropene

Concen: 21.14 ug/l

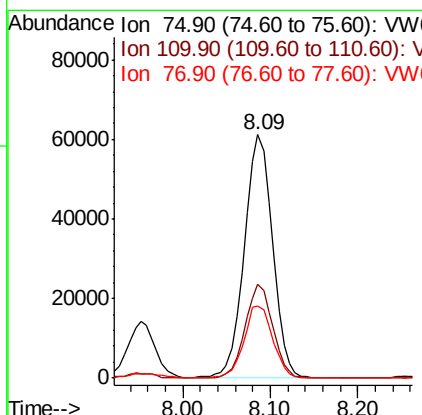
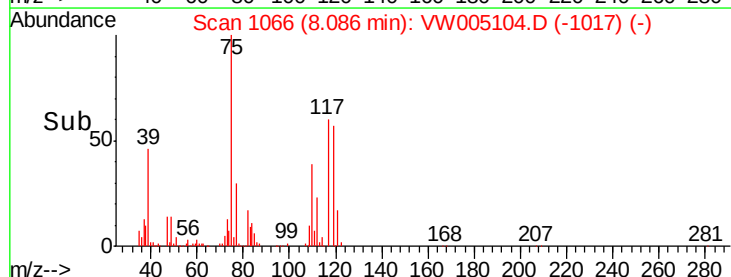
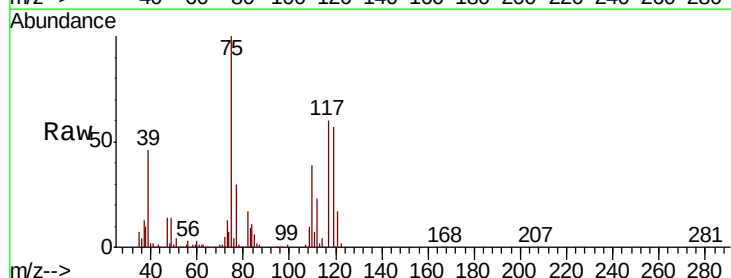
RT: 8.09 min Scan# 1066

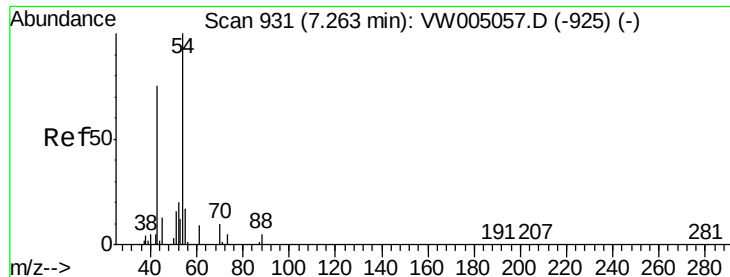
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	75	Resp:	136975
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.9	56.7
77	30.4	25.5	38.3





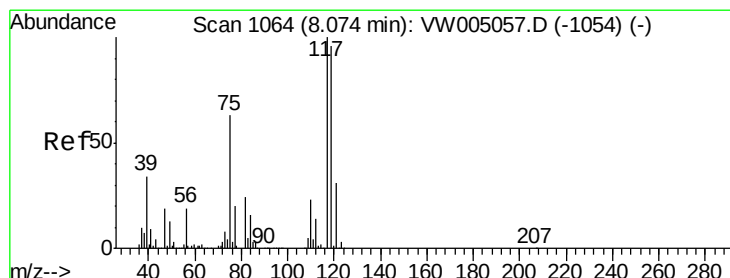
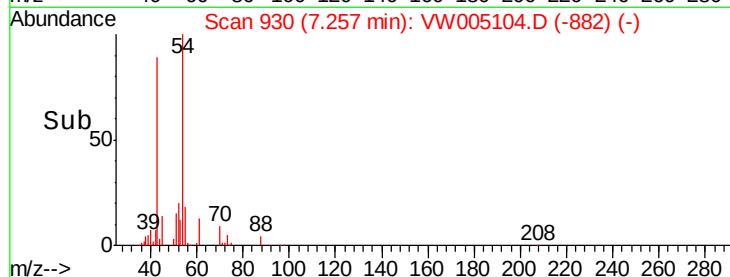
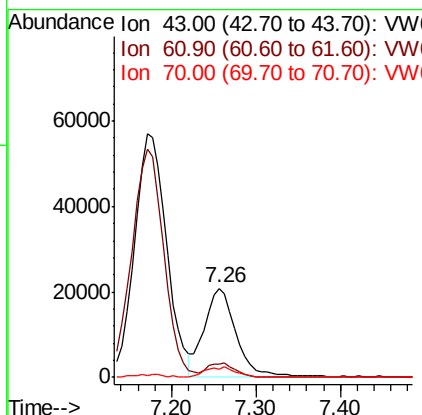
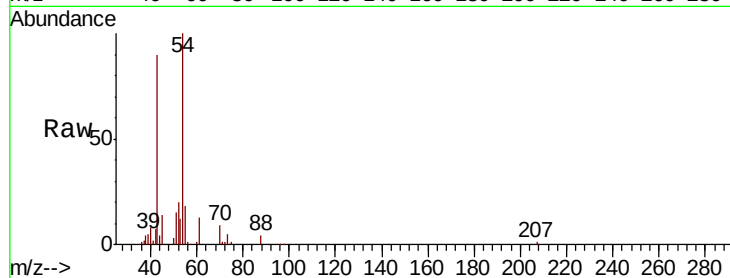
#37
Ethyl Acetate
Concen: 22.49 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	11.6	9.4	14.2

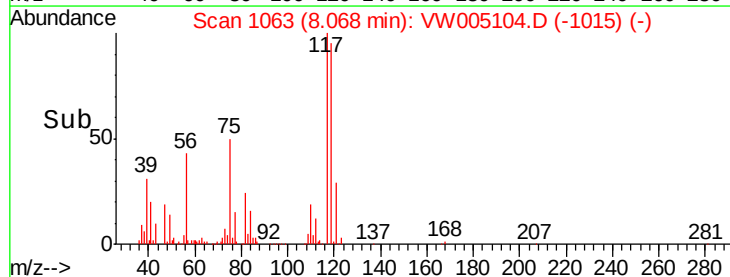
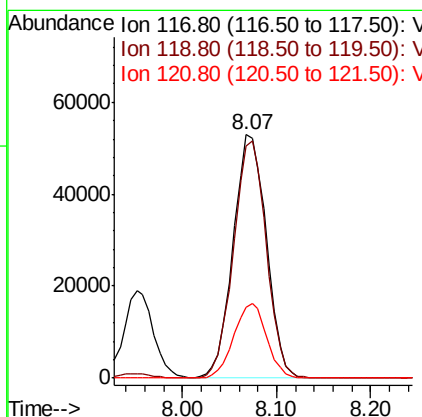
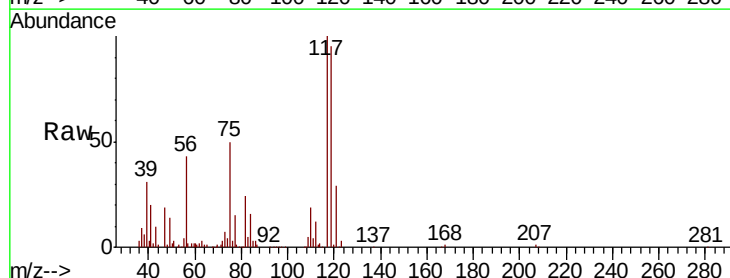
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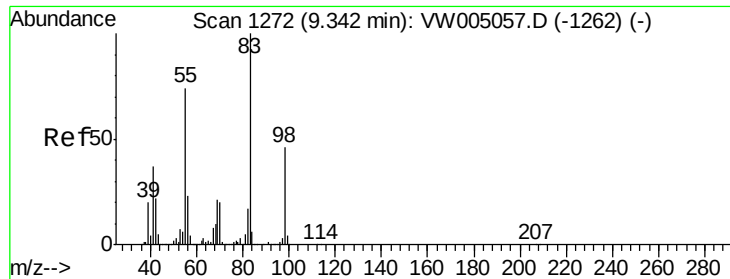
apatel
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#38
Carbon Tetrachloride
Concen: 21.18 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	115.0
121	28.8	24.8	37.2





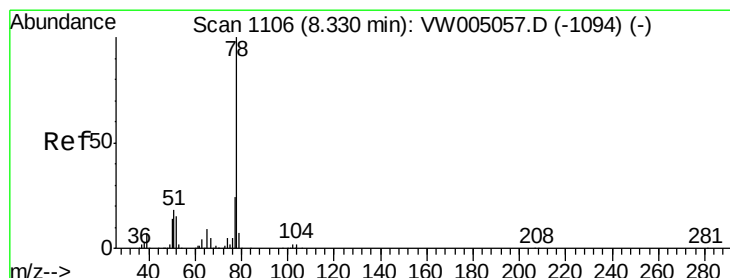
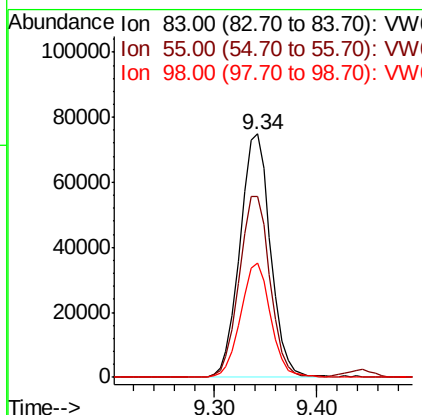
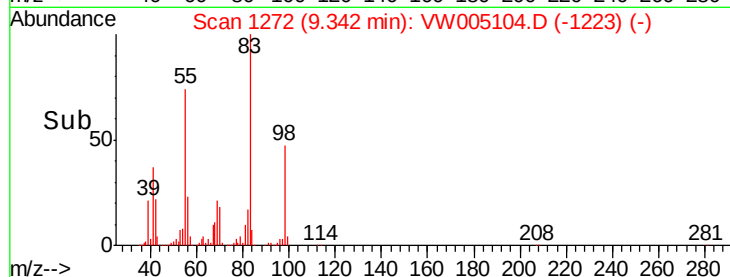
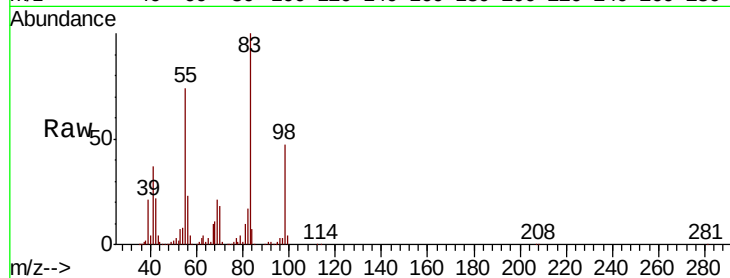
#39
Methylvlcyclohexane
Concen: 19.89 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	58.9	88.3
98	47.1	36.8	55.2

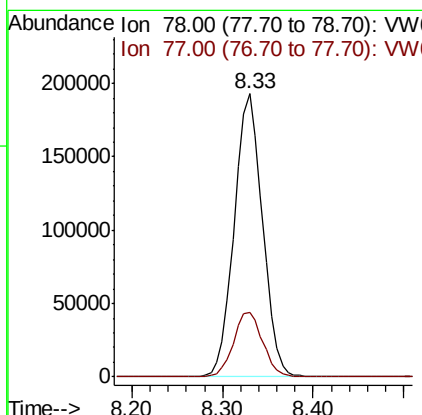
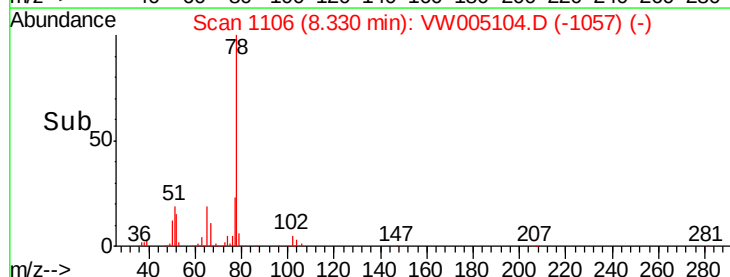
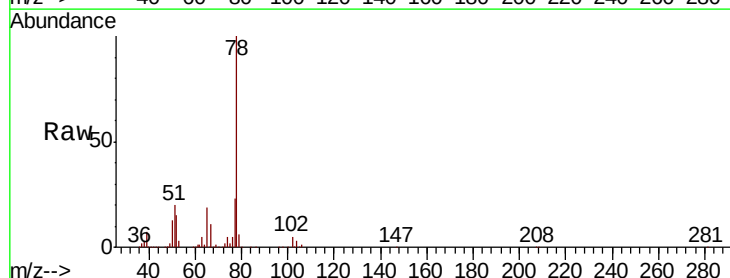
Manual Integrations
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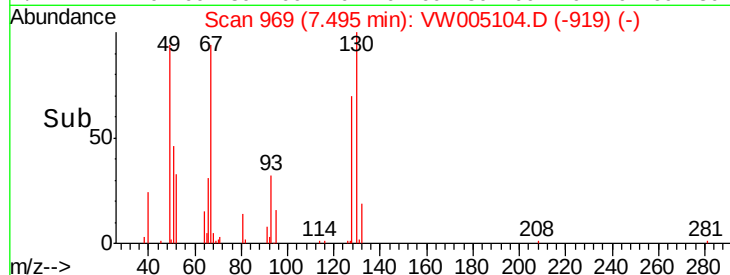
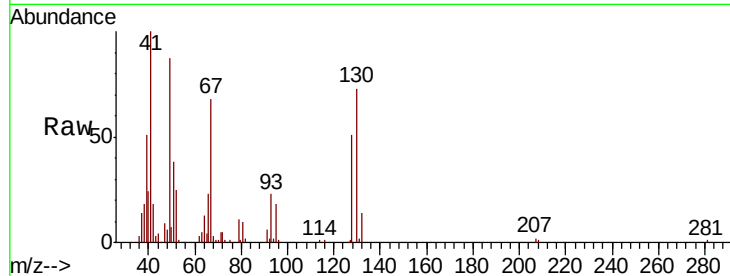
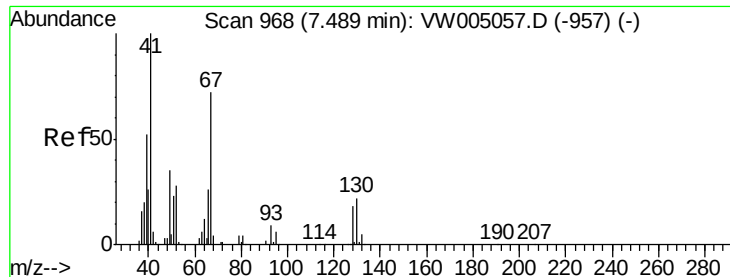
apatel
9/5/2018 10:03:00 AM



#40
Benzene
Concen: 21.02 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

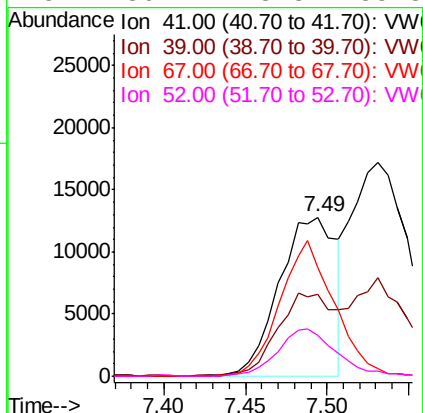
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.0





#41
Methacrylonitrile
Concen: 22.20 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

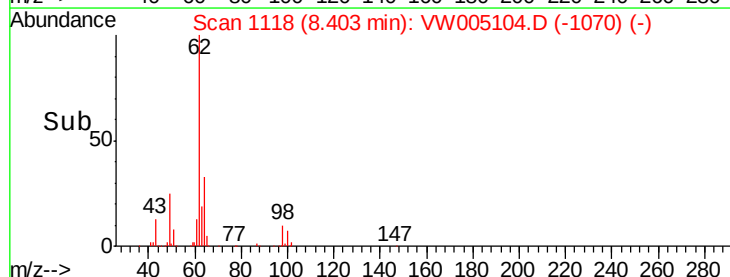
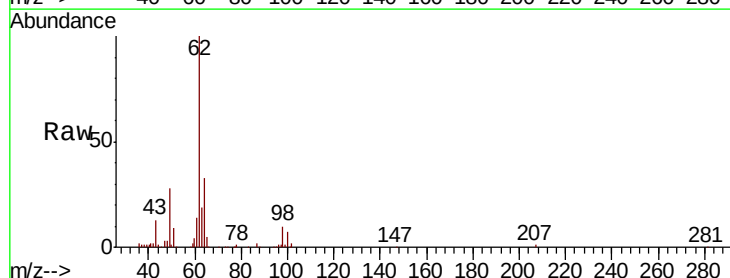
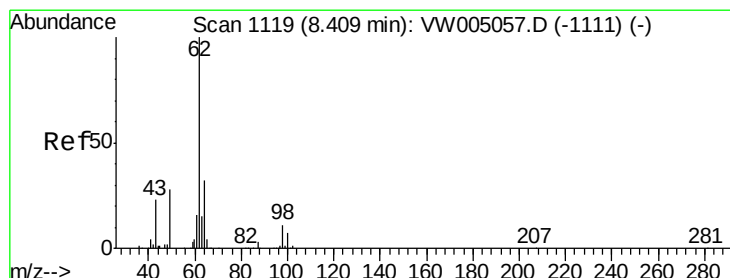
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	31178		
39	39	51.9		41.8	62.8
67	67	81.4		60.4	90.6
52	52	30.7		23.8	35.8



Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD02

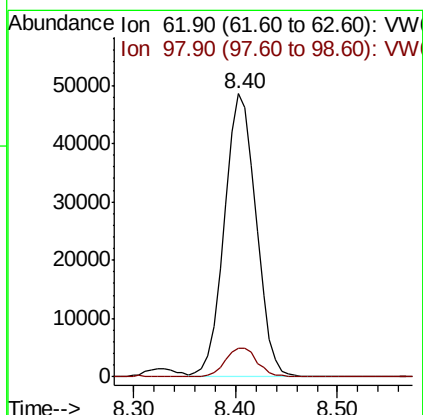
Manual Integrations
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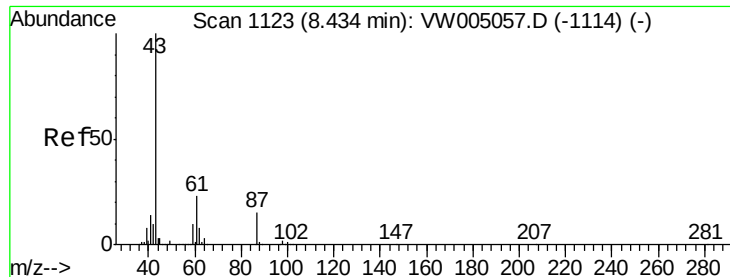
apatel
9/5/2018 10:03:00 AM



#42
1,2-Dichloroethane
Concen: 21.52 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	104506		
98	98	10.4		0.0	21.8





#43

Isopropyl Acetate

Concen: 21.30 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

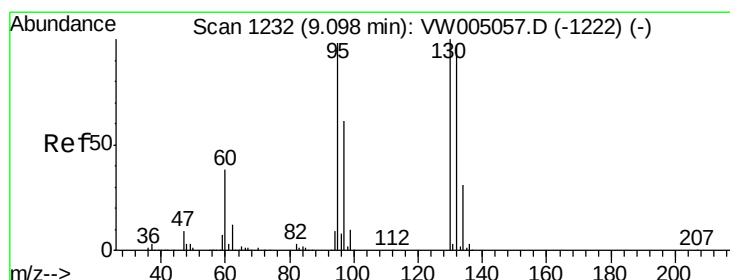
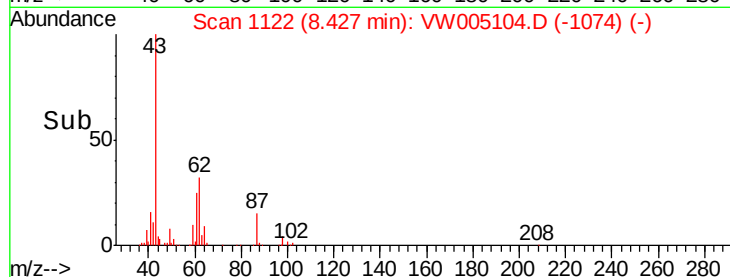
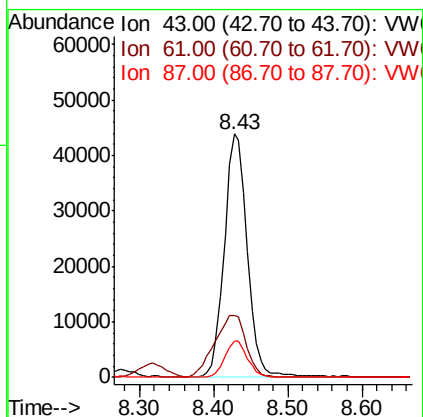
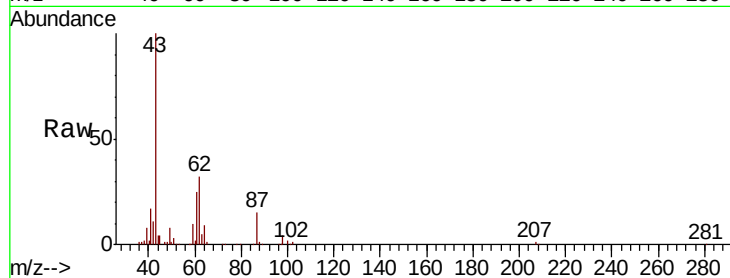
ClientSampleId :

VW0904SBSD02

Tot Ion:	43	Resp:	93930
Ion	Ratio	Lower	Upper
43	100		
61	34.3	26.8	40.2
87	15.0	11.6	17.4

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#44

Trichloroethene

Concen: 21.61 ug/l

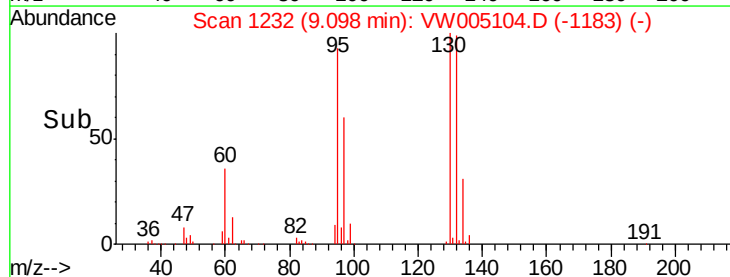
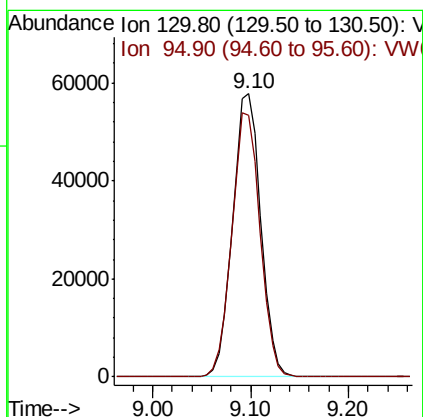
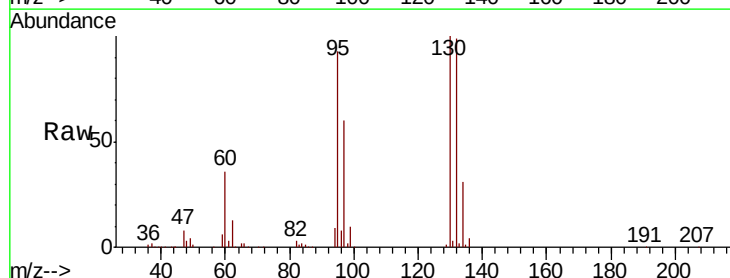
RT: 9.10 min Scan# 1232

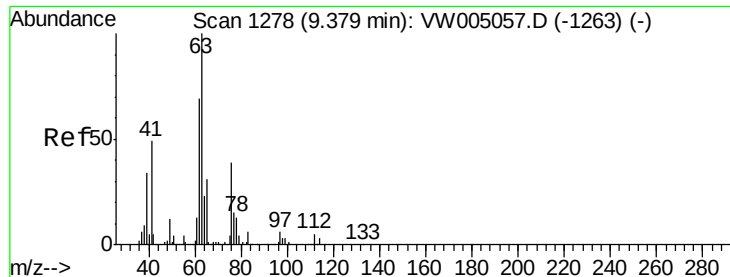
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	130	Resp:	115661
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	195.2





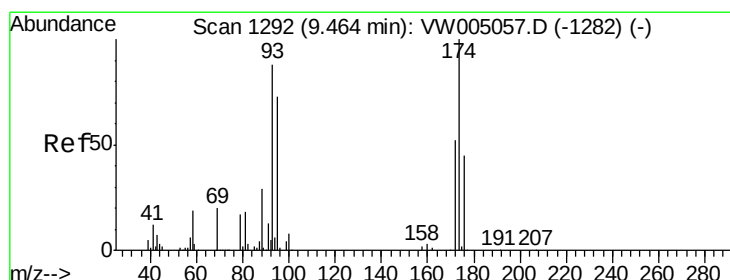
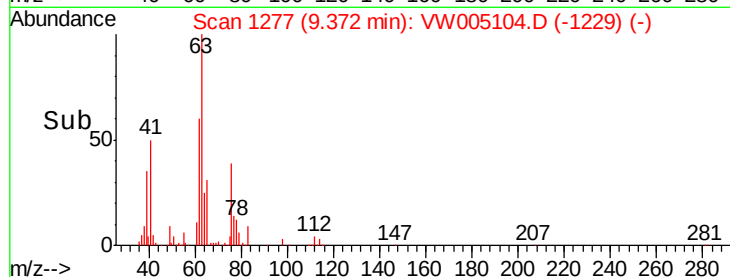
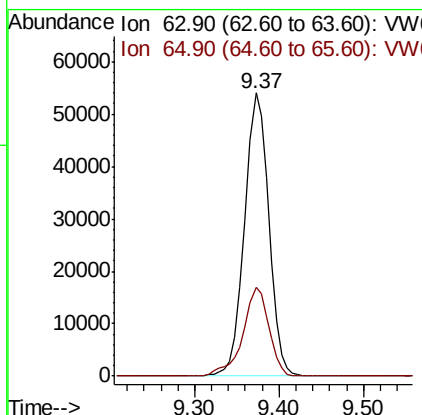
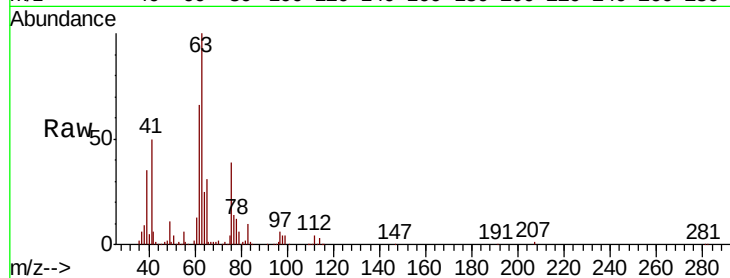
#45
 1,2-Dichloropropane
 Concen: 21.56 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	37.0

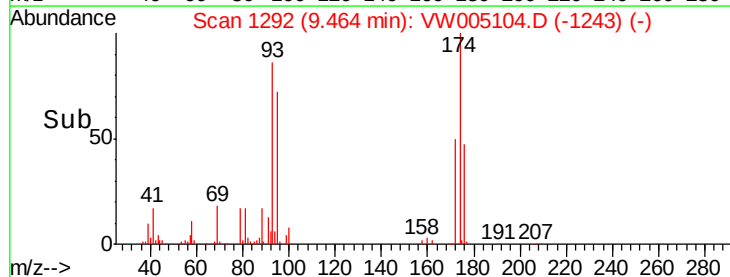
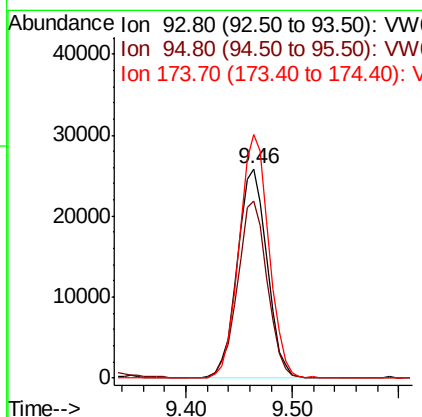
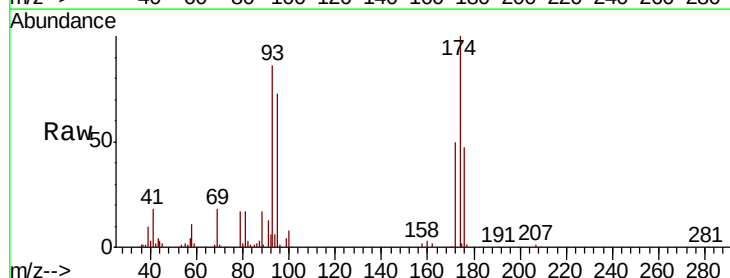
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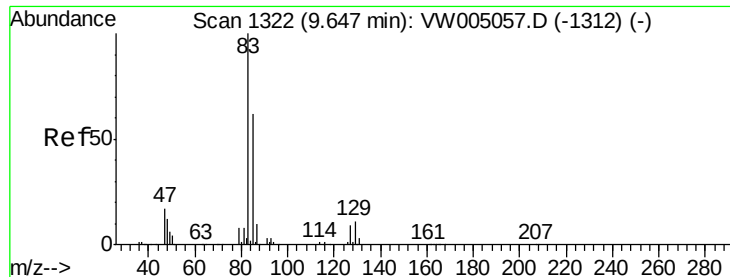
apatel
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#46
 Dibromomethane
 Concen: 21.96 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.2	99.4
174	115.7	92.0	138.0





#47

Bromodichloromethane

Concen: 21.76 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

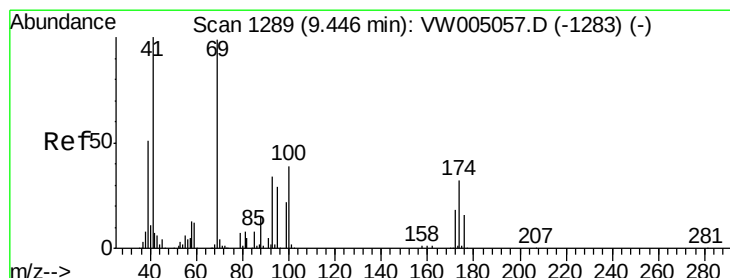
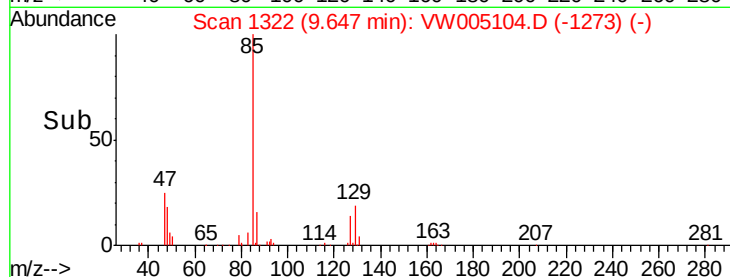
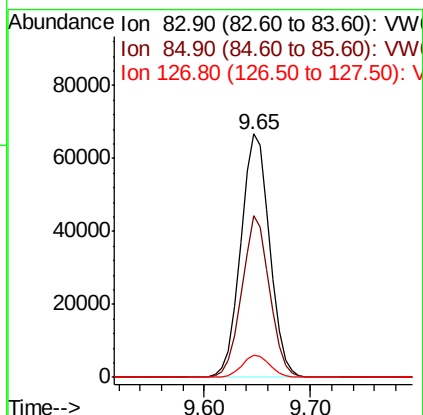
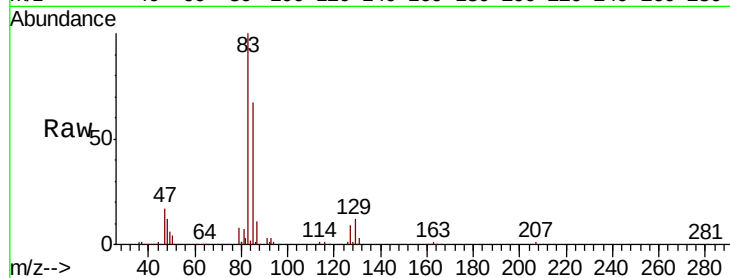
ClientSampleId :

VW0904SBSD02

Tot Ion:	83	Resp:	126973
Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.8	74.6
127	9.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.29 ug/l

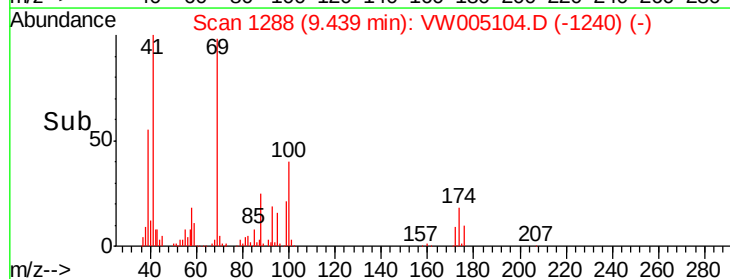
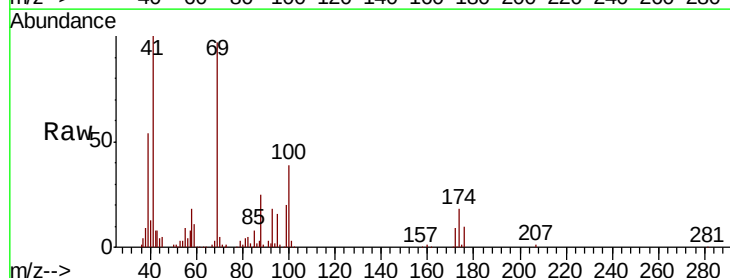
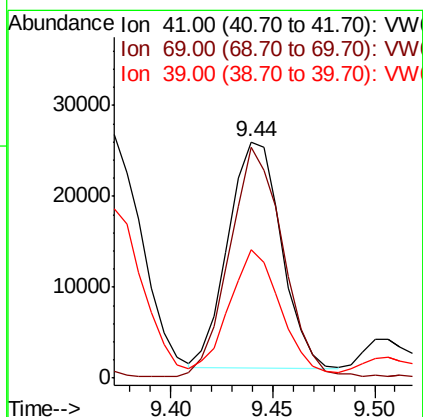
RT: 9.44 min Scan# 1288

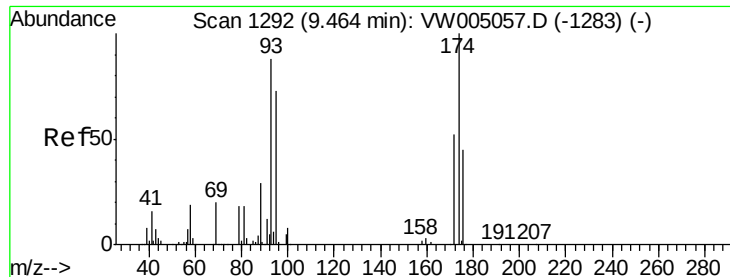
Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	41	Resp:	45221
Ion	Ratio	Lower	Upper
41	100		
69	104.5	80.4	120.6
39	56.3	43.5	65.3





#49

1,4-Dioxane

Concen: 486.13 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

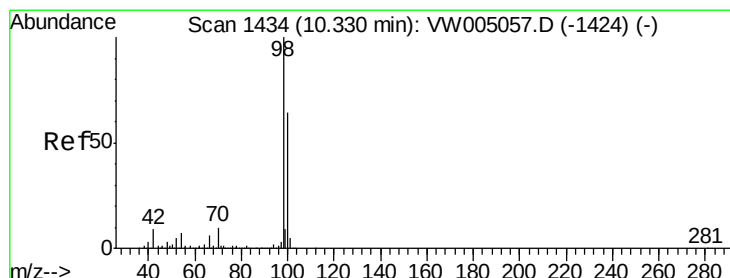
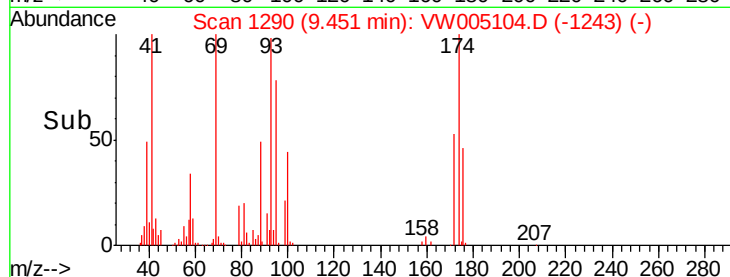
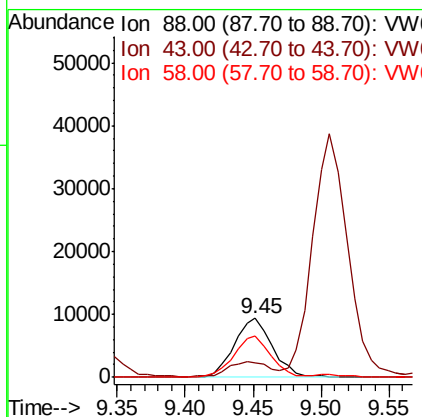
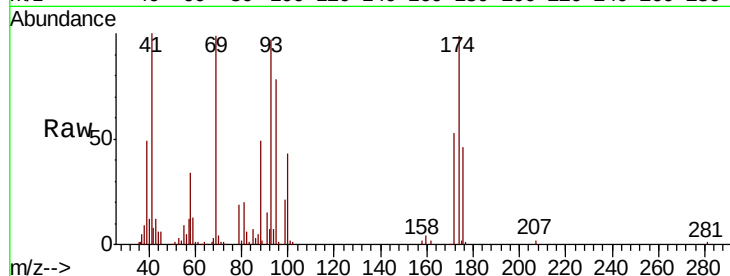
ClientSampleId :

VW0904SBSD02

Tot Ion:	88	Resp:	18220
Ion	Ratio	Lower	Upper
88	100		
43	27.8	19.8	29.6
58	68.0	57.1	85.7

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#50

Toluene-d8

Concen: 52.18 ug/l

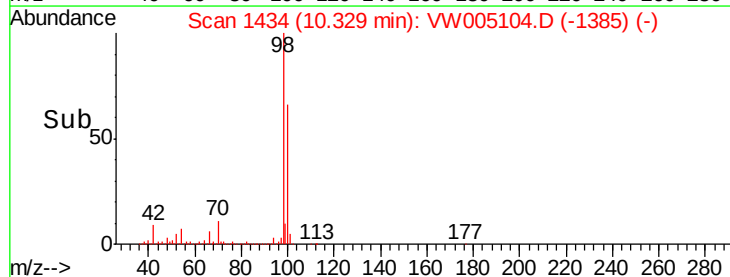
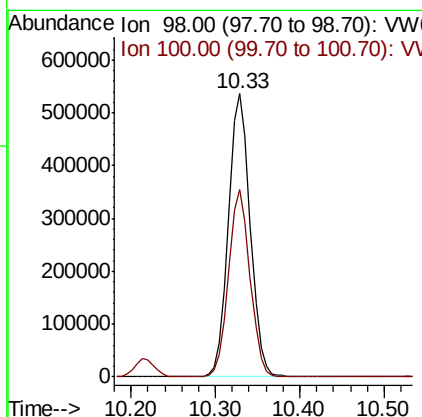
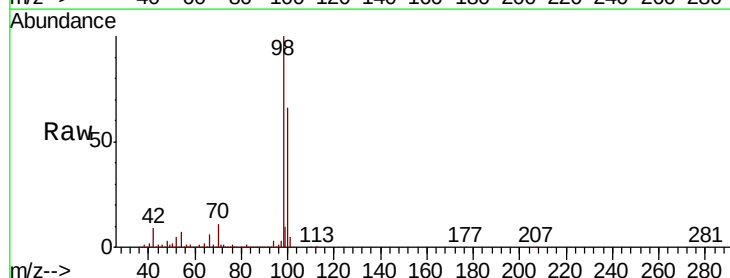
RT: 10.33 min Scan# 1434

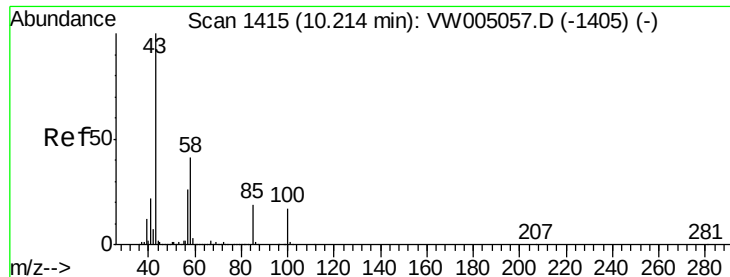
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	98	Resp:	945536
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





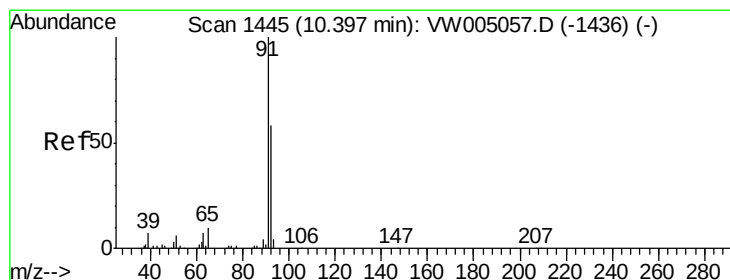
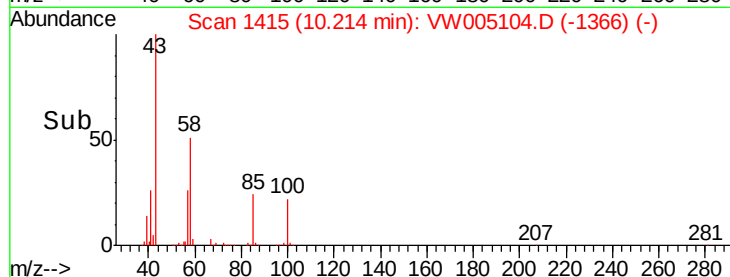
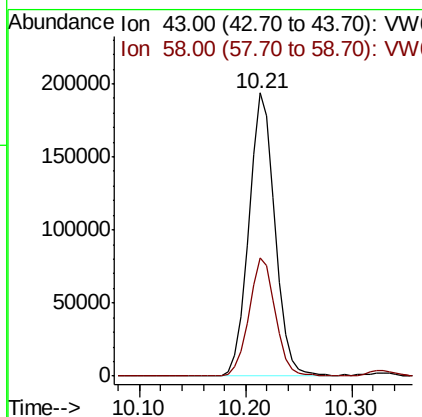
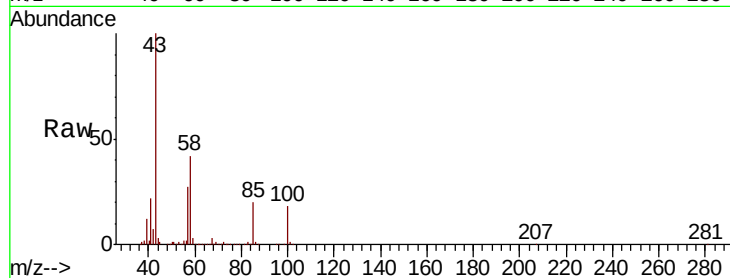
#51
4-Methyl-2-Pentanone
Concen: 112.71 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.0	33.3	49.9

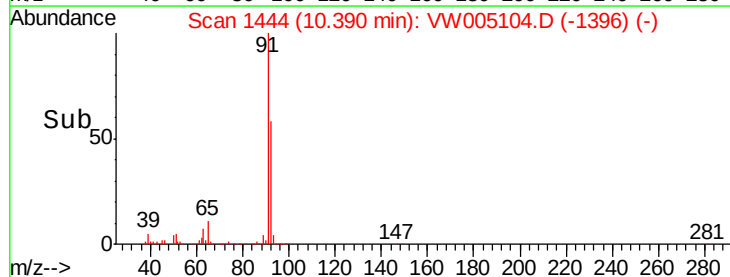
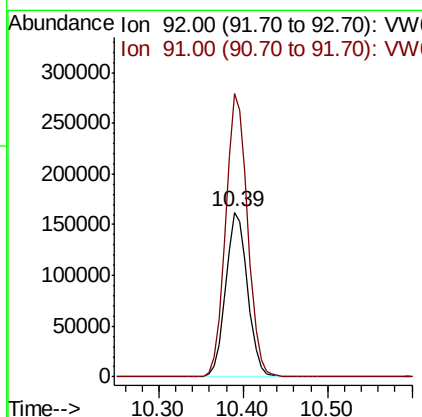
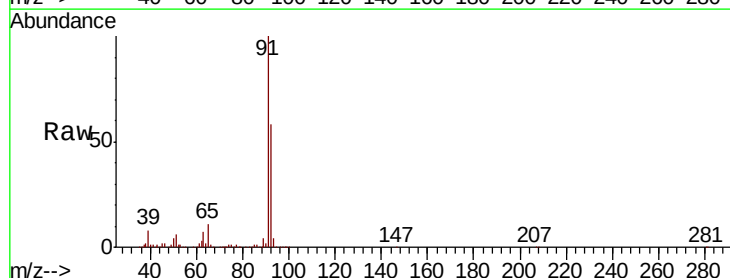
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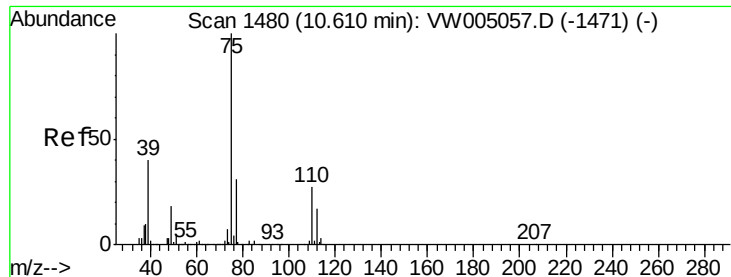
apatel
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#52
Toluene
Concen: 21.39 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 21.03 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion: 75 Resp: 120570

Ion Ratio Lower Upper

75 100

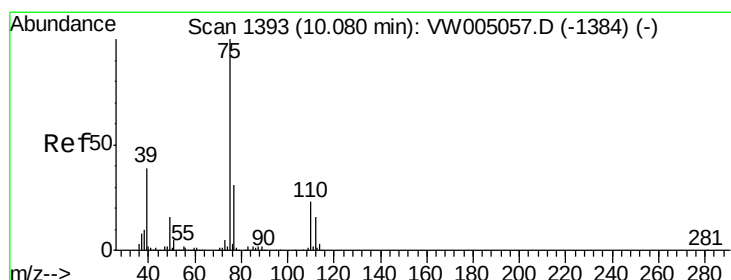
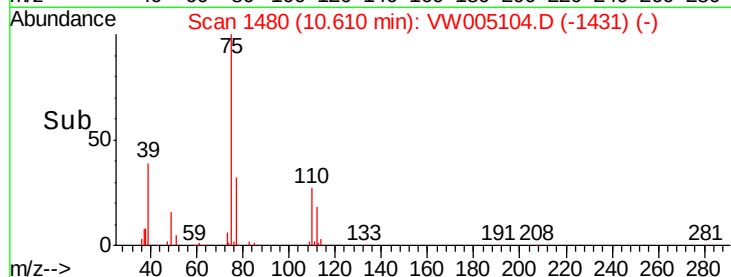
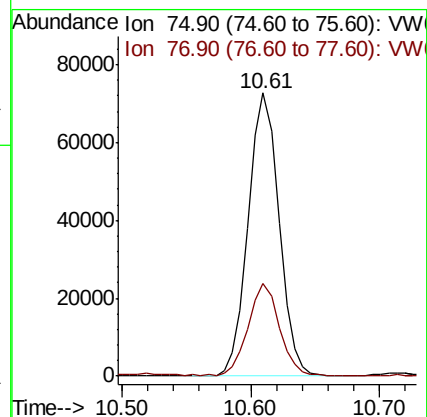
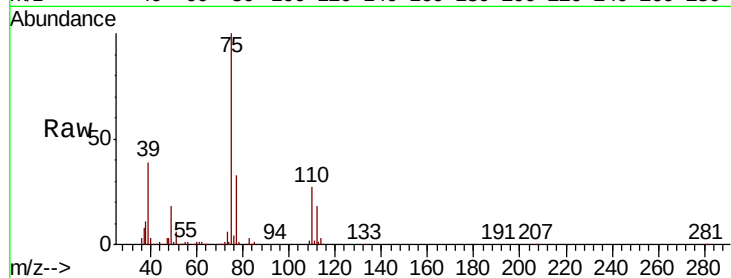
77 32.3 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 21.49 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

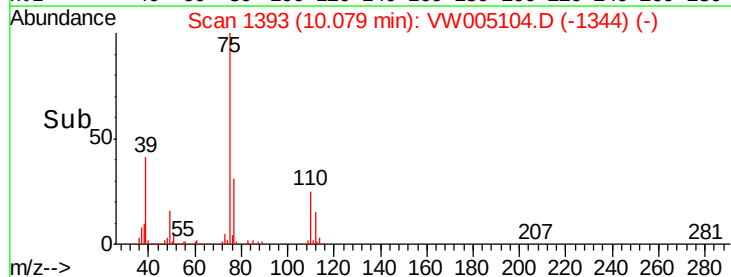
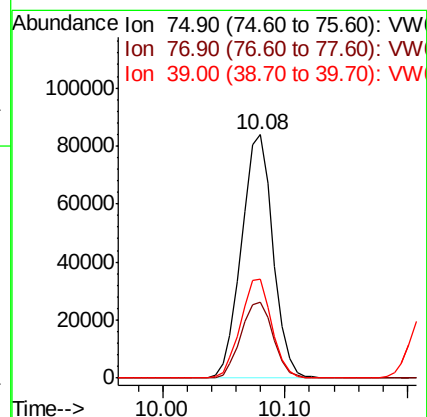
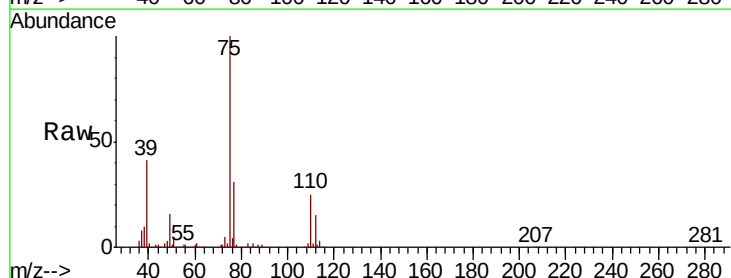
Tgt Ion: 75 Resp: 149874

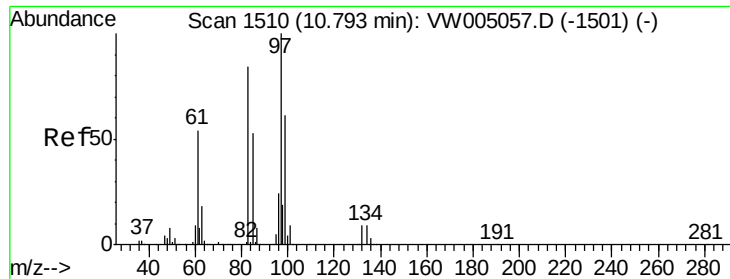
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 40.7 31.0 46.6





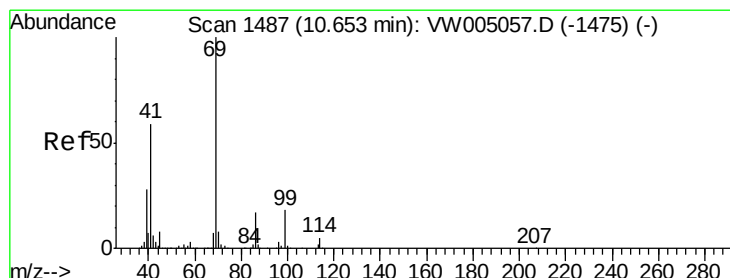
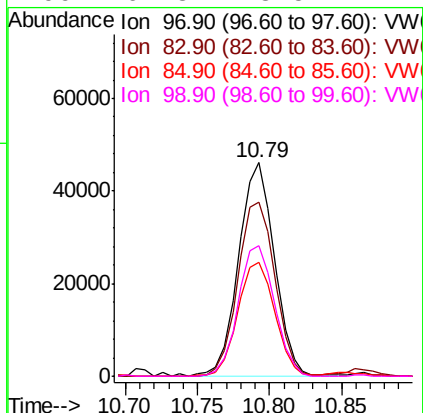
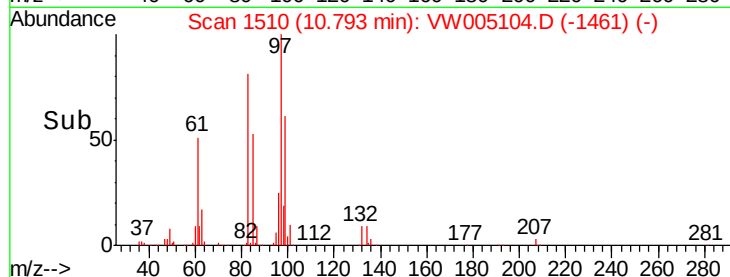
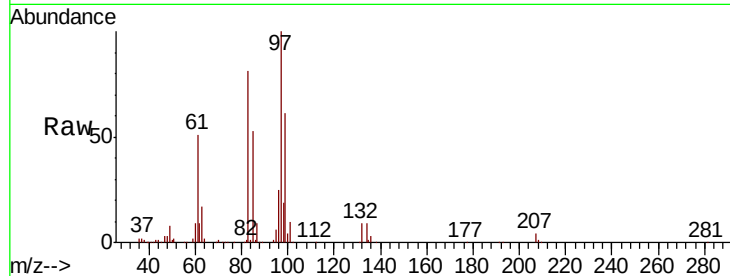
#55
 1,1,2-Trichloroethane
 Concen: 22.20 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.0	100.6
85	53.2	42.3	63.5
99	61.3	48.5	72.7

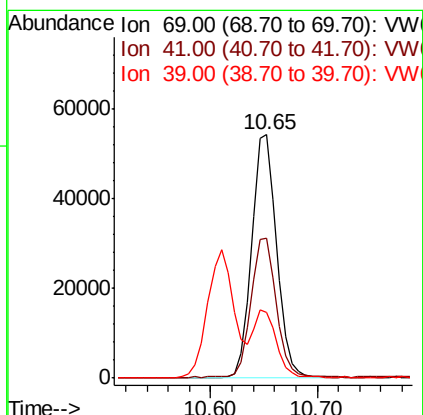
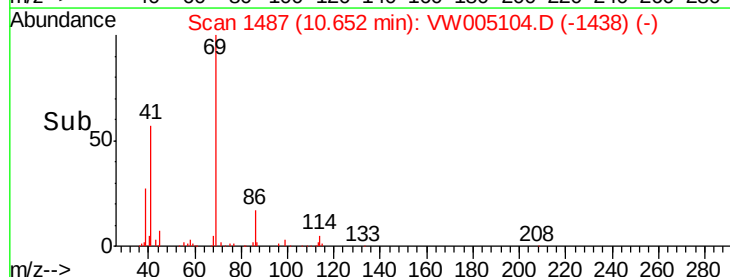
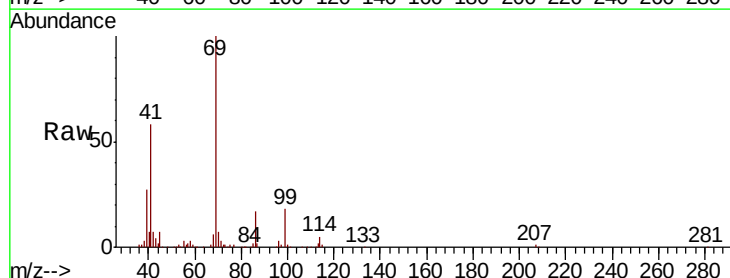
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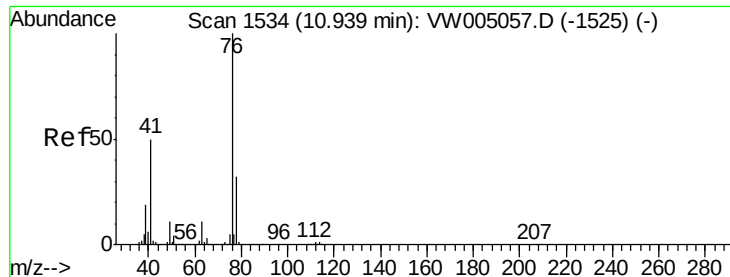
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#56
 Ethyl methacrylate
 Concen: 21.94 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.8	71.6
39	25.3	21.1	31.7





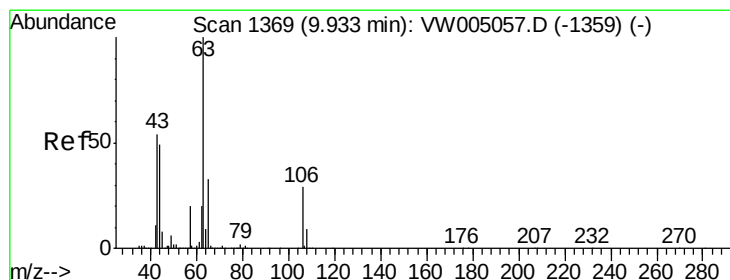
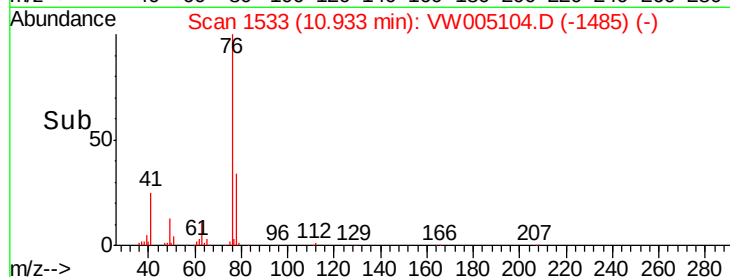
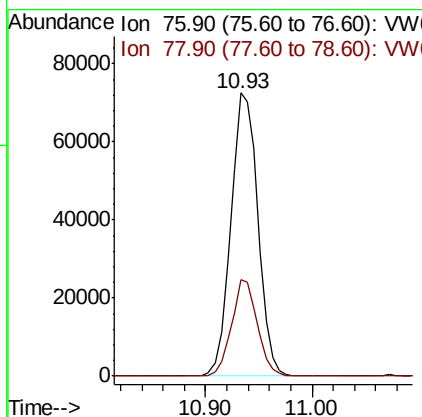
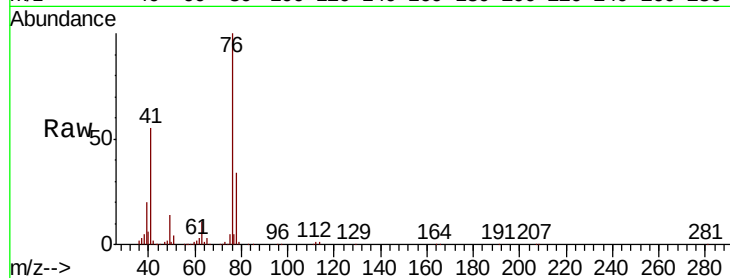
#57
 1,3-Dichloropropane
 Concen: 21.86 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.3	39.5

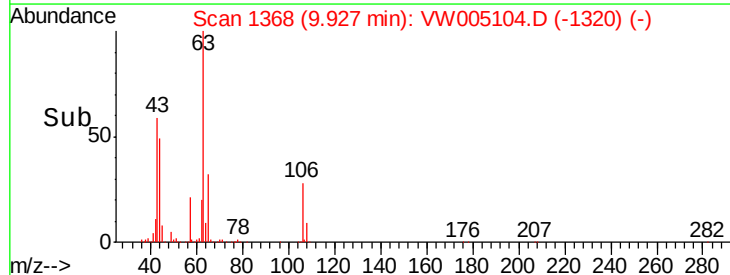
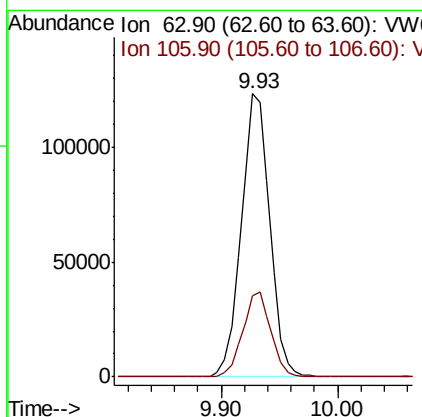
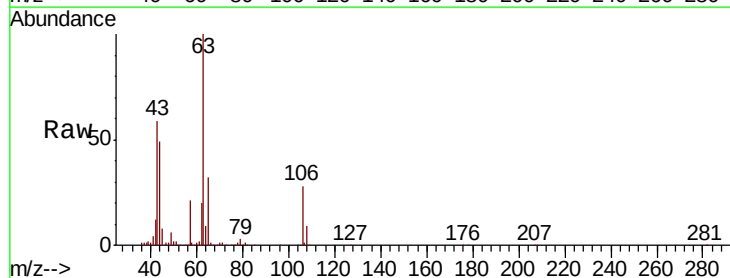
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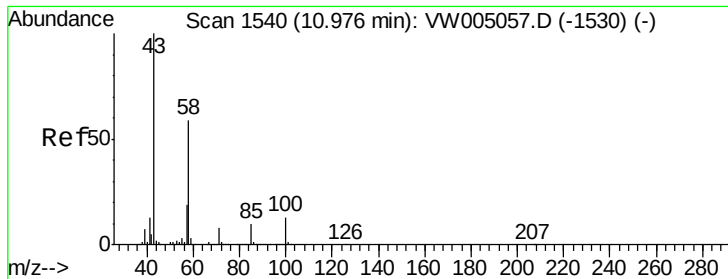
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.59 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.1	34.7





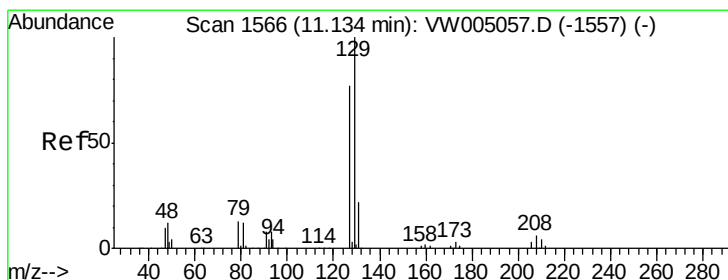
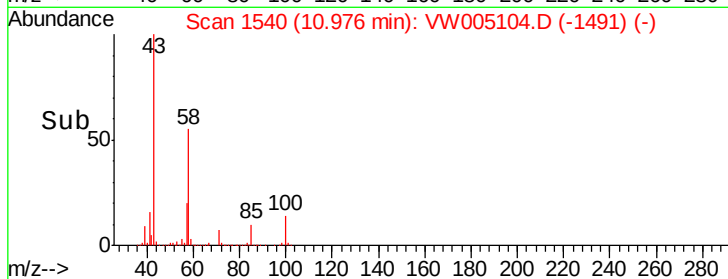
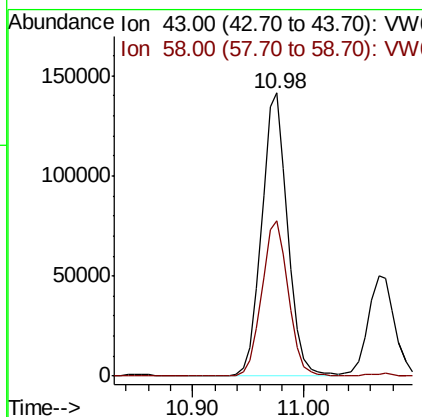
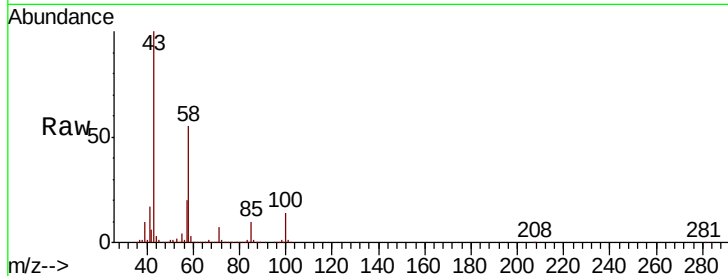
#59
2-Hexanone
Concen: 115.02 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion	43	Resp	229949
Ion Ratio	100	Lower	Upper
43	100		
58	56.1	28.7	86.3

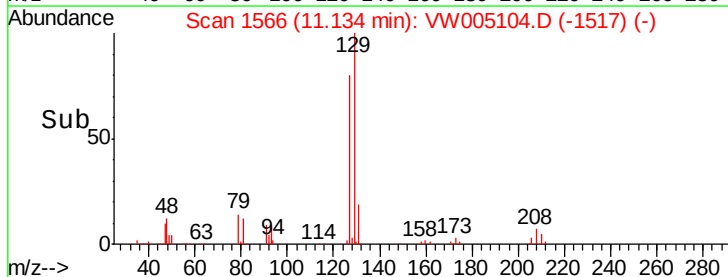
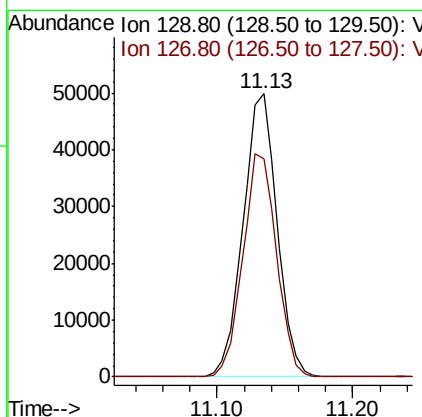
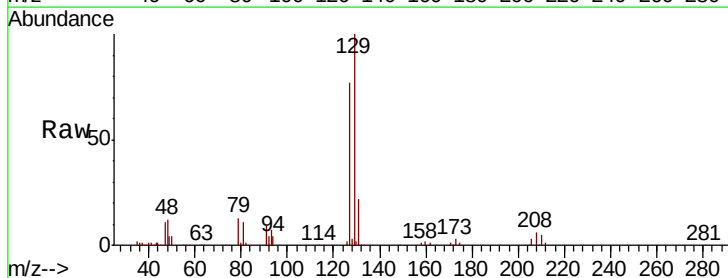
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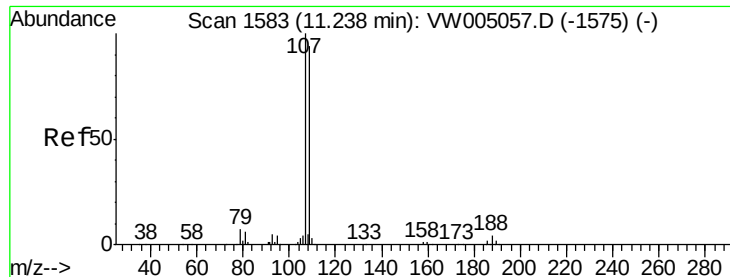
apatel
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#60
Dibromochloromethane
Concen: 21.51 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	129	Resp	87271
Ion Ratio	100	Lower	Upper
129	100		
127	78.2	38.9	116.7





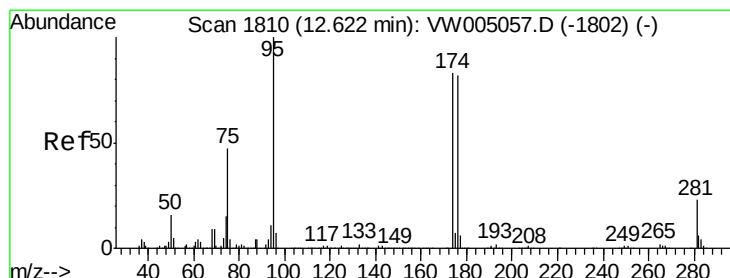
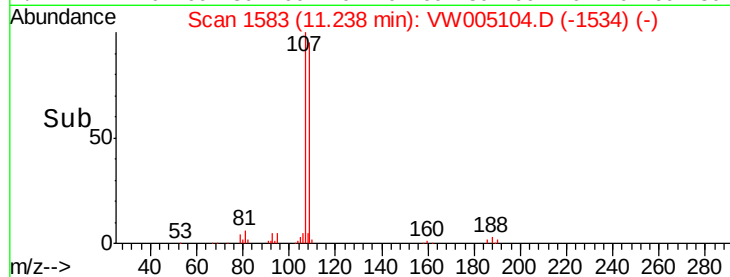
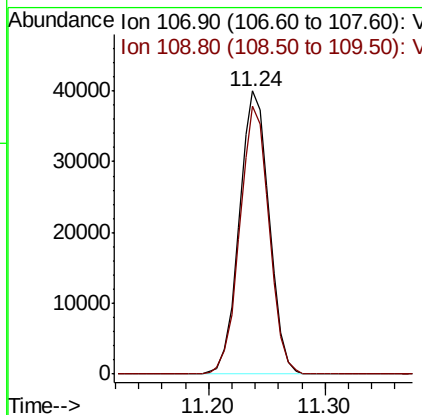
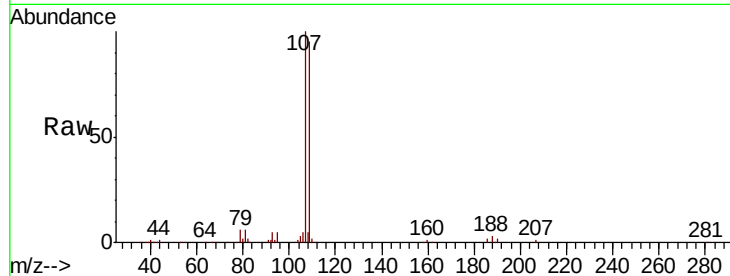
#61
 1,2-Dibromoethane
 Concen: 22.07 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion: 107 Resp: 71505
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.9 113.9

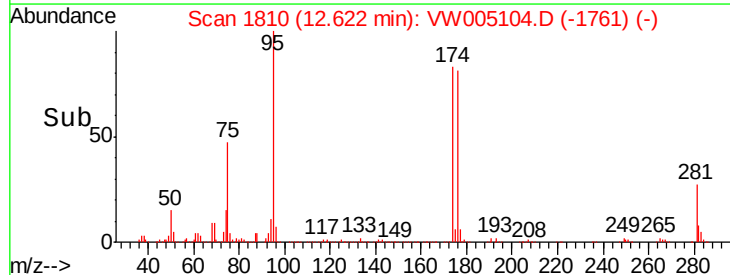
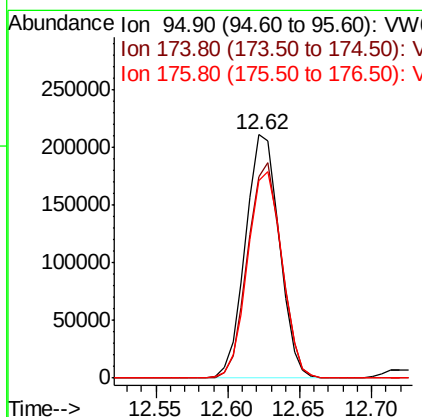
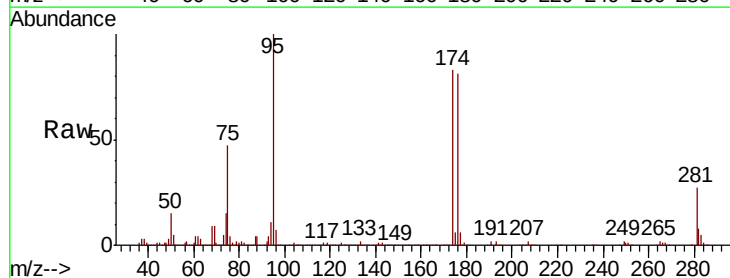
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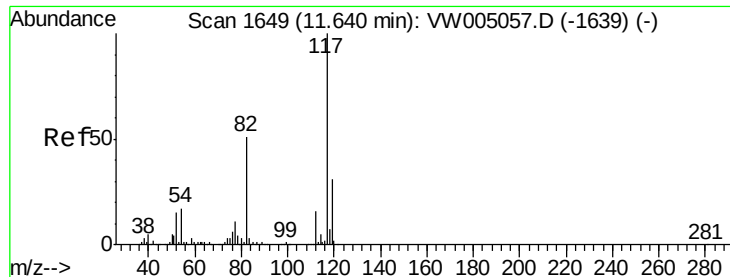
apatel
 9/5/2018 10:03:00 AM



#62
 4-Bromofluorobenzene
 Concen: 53.90 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion: 95 Resp: 344407
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 173.4
 176 85.9 0.0 167.4





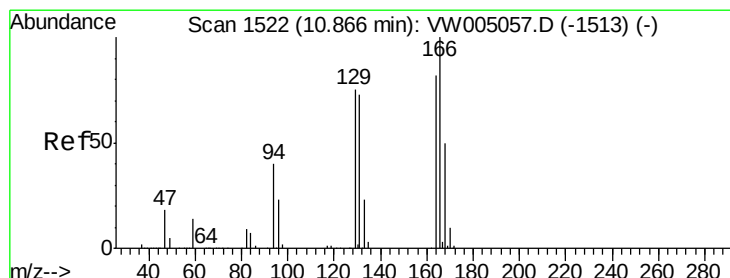
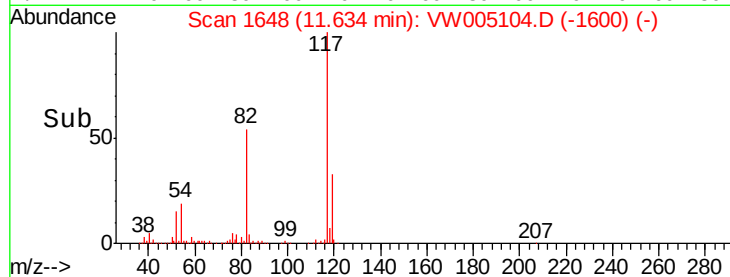
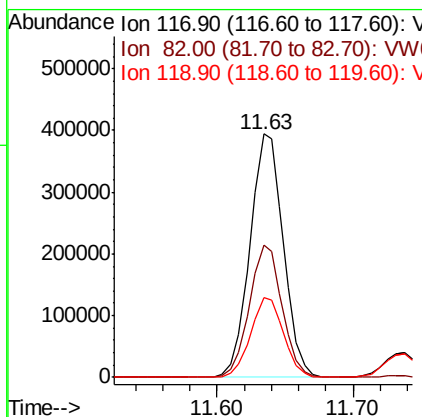
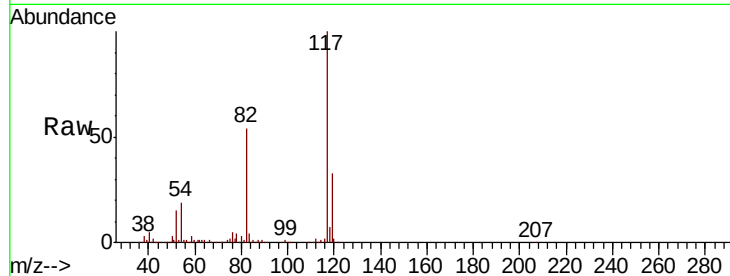
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.9	61.3
119	32.7	24.9	37.3

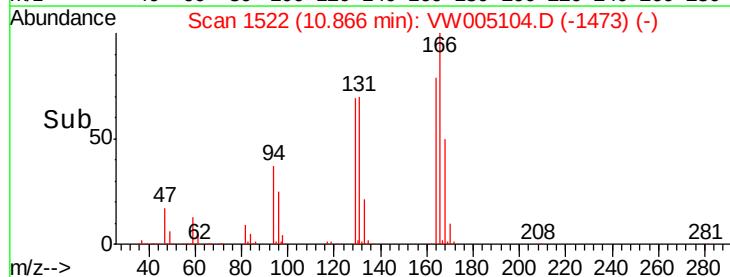
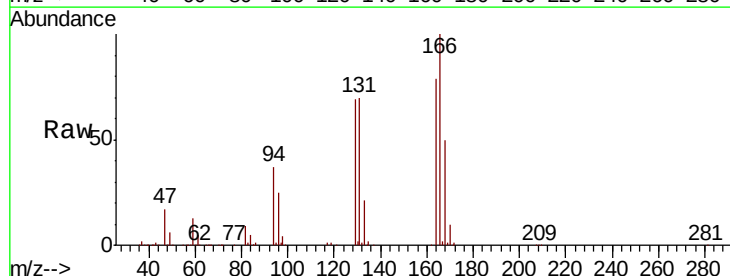
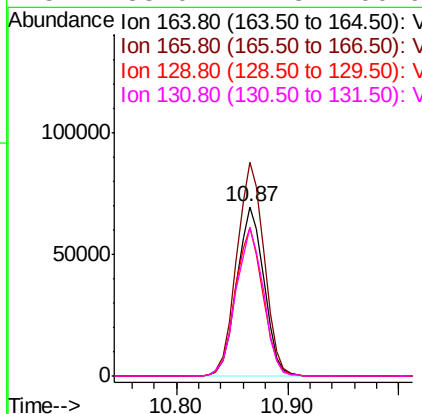
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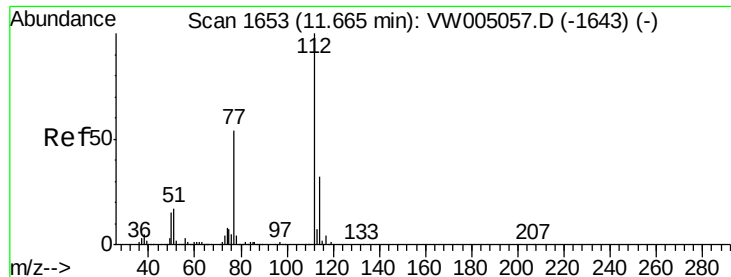
apatel
9/5/2018 10:03:00 AM



#64
Tetrachloroethene
Concen: 22.10 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	97.3	145.9
129	87.6	73.1	109.7
131	88.0	71.3	106.9





#65

Chlorobenzene

Concen: 21.01 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion:112 Resp: 321019

Ion Ratio Lower Upper

112 100

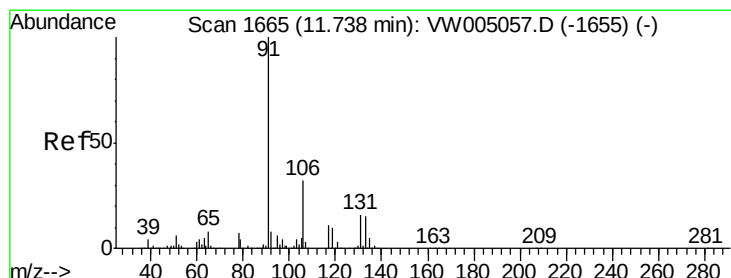
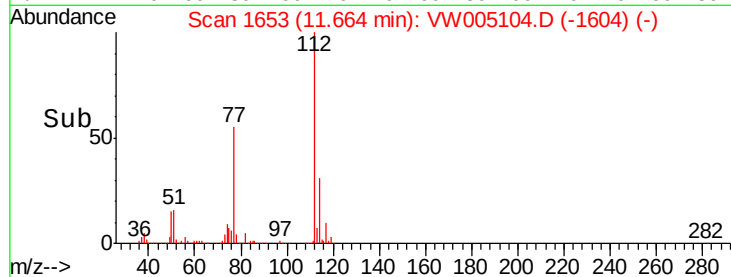
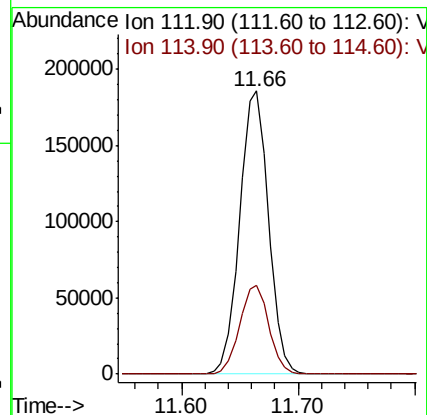
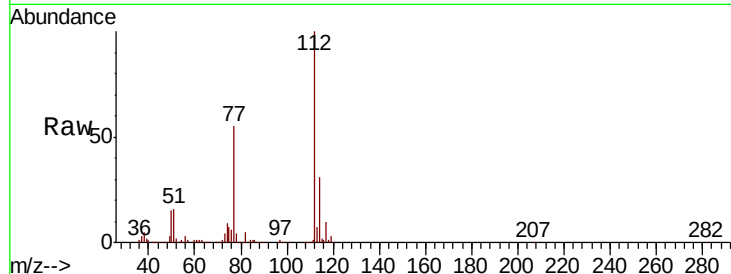
114 31.4 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.23 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

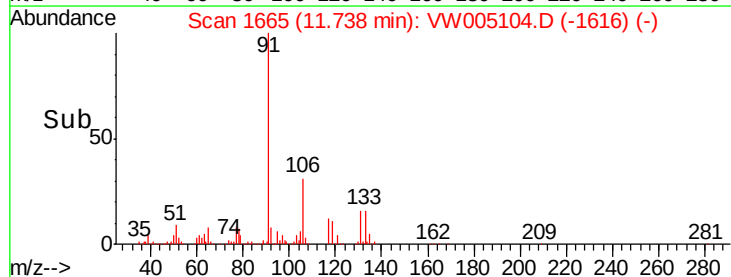
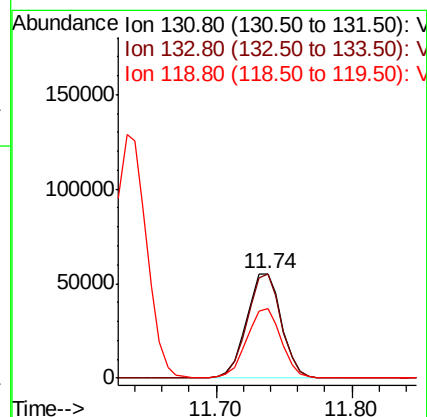
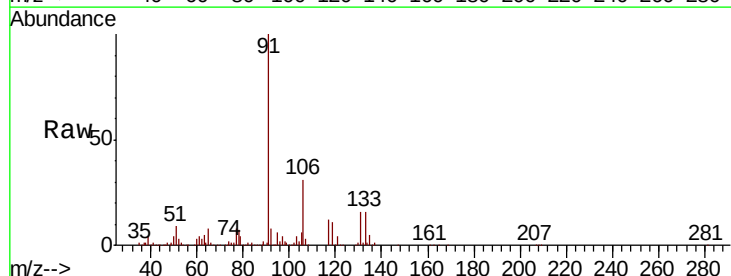
Tgt Ion:131 Resp: 99131

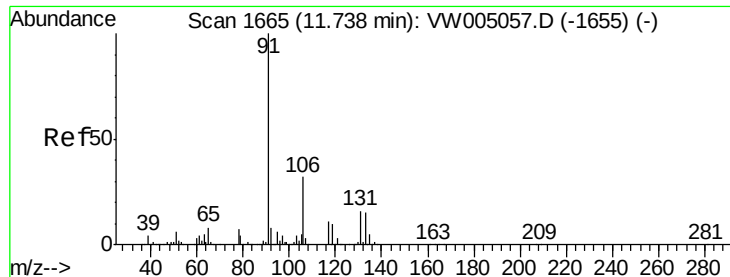
Ion Ratio Lower Upper

131 100

133 97.2 47.4 142.3

119 66.2 33.4 100.1





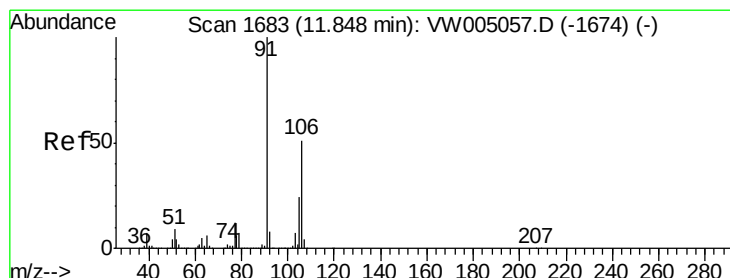
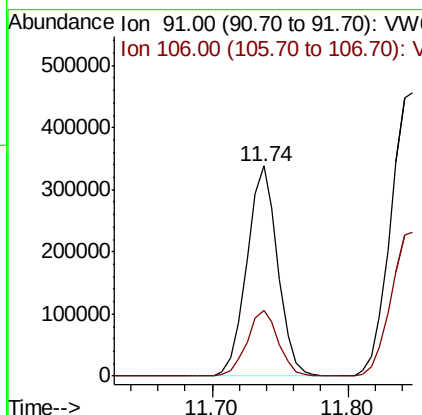
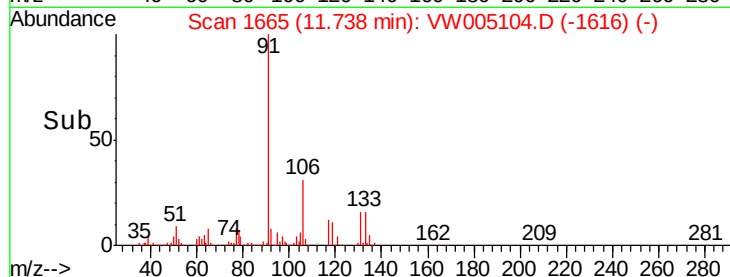
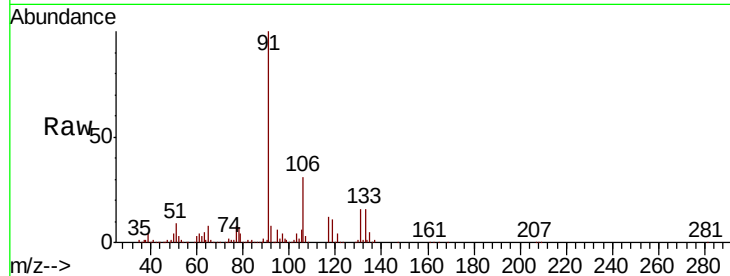
#67
Ethyl Benzene
Concen: 20.72 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion: 91 Resp: 535126
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9

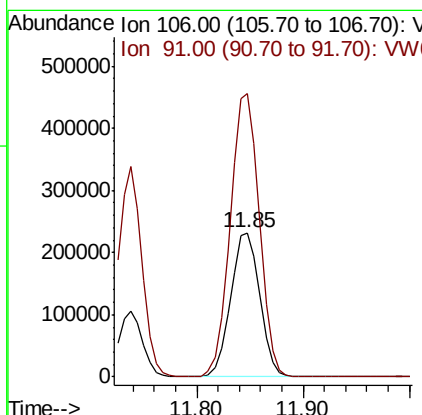
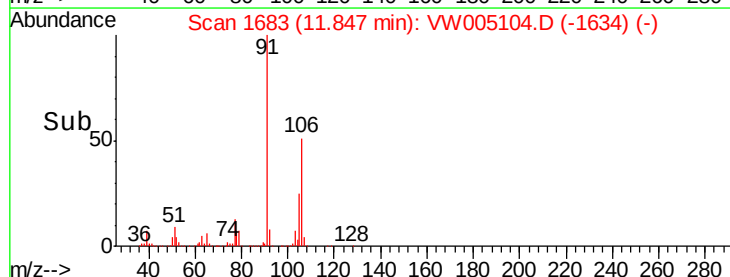
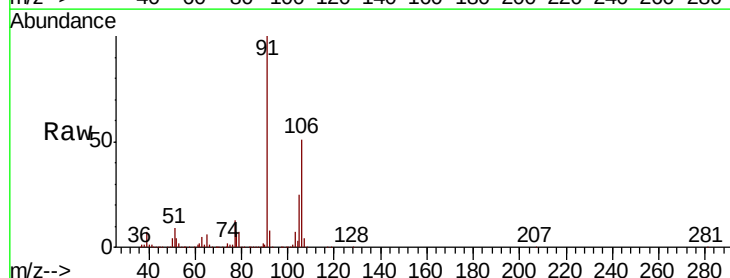
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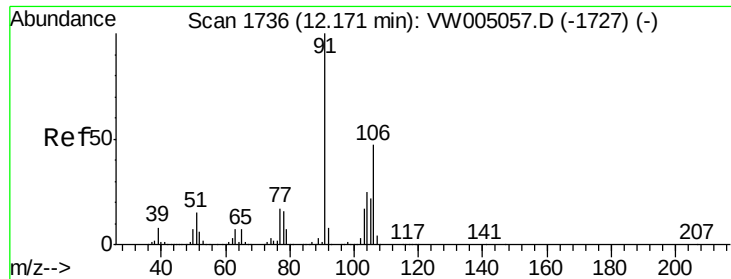
apatel
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#68
m/p-Xylenes
Concen: 42.93 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion: 106 Resp: 443916
Ion Ratio Lower Upper
106 100
91 196.1 158.4 237.6





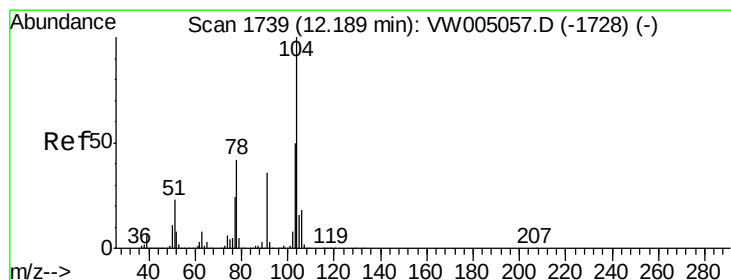
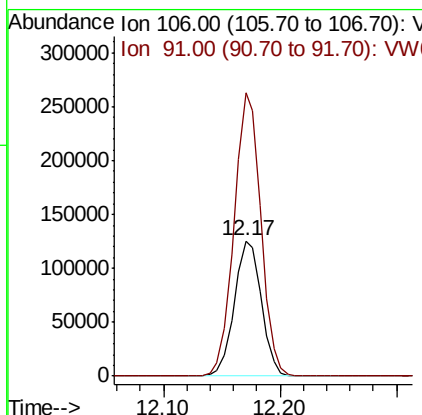
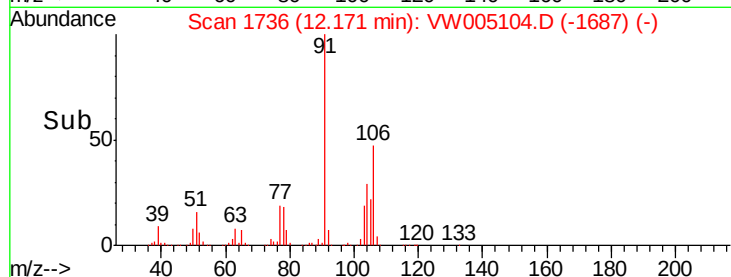
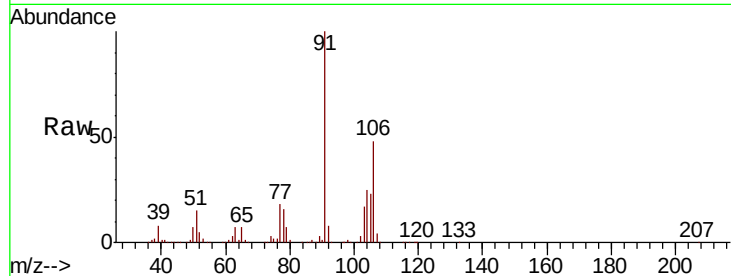
#69
o-Xylene
Concen: 21.20 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		202681		
91	208.1	105.6	316.8		

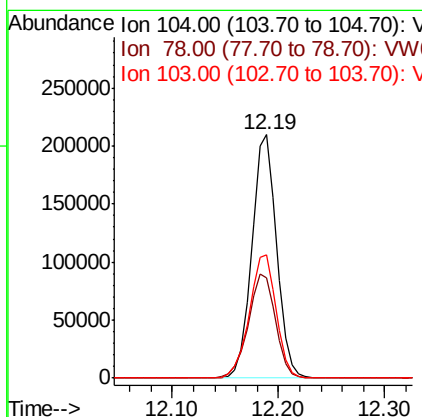
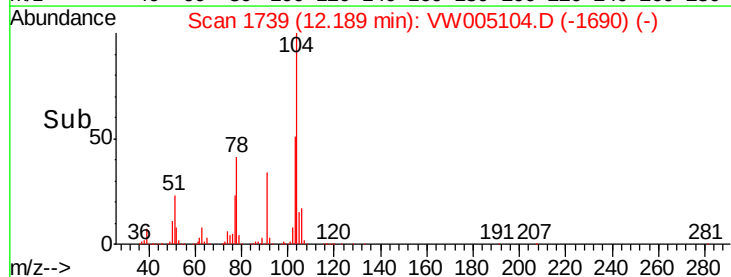
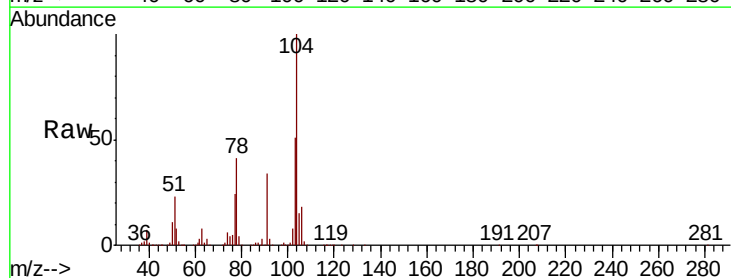
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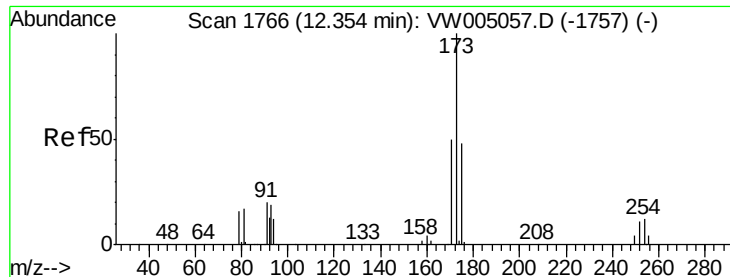
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#70
Styrene
Concen: 21.66 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		342163		
78	47.0	37.8	56.6		
103	55.1	44.1	66.1		





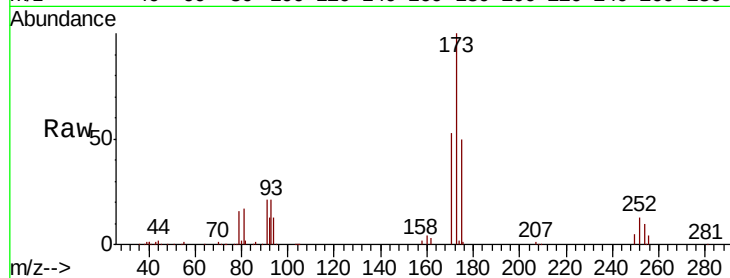
#71
Bromoform
Concen: 21.86 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.2
254	0.1	0.2	0.2#

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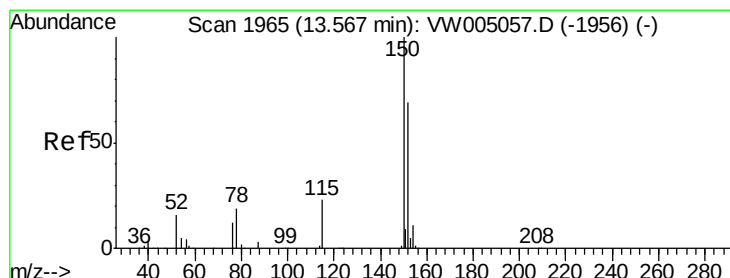
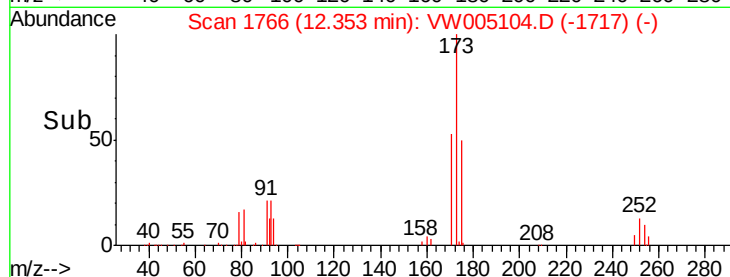
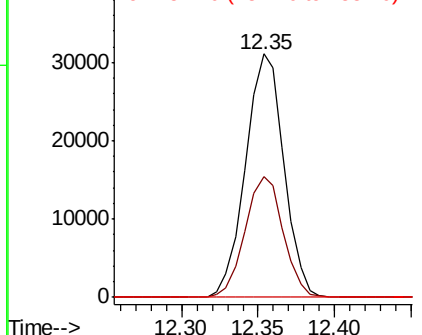


Abundance

Ion 172.70 (172.40 to 173.40): V

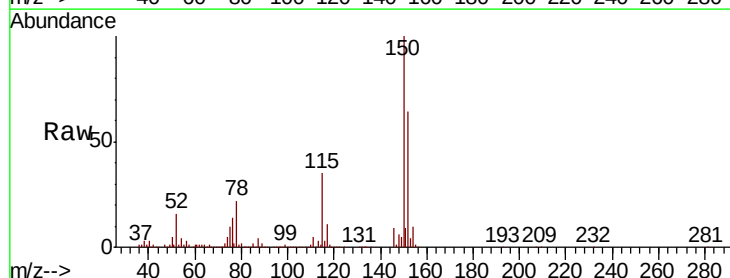
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.4
150	164.5	0.0	351.4

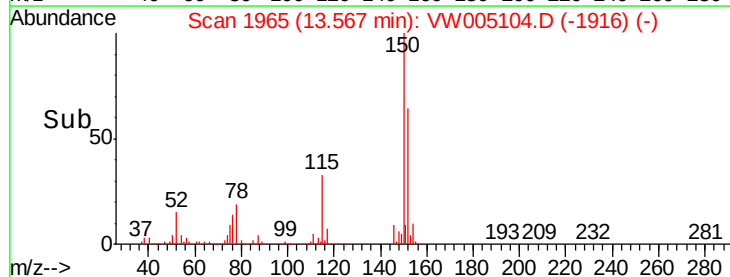
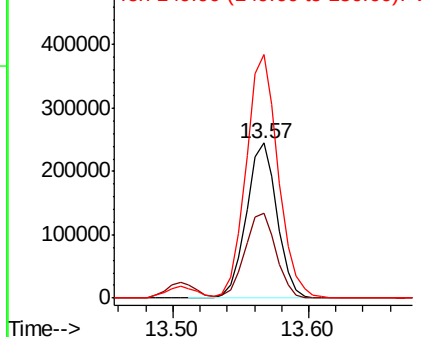


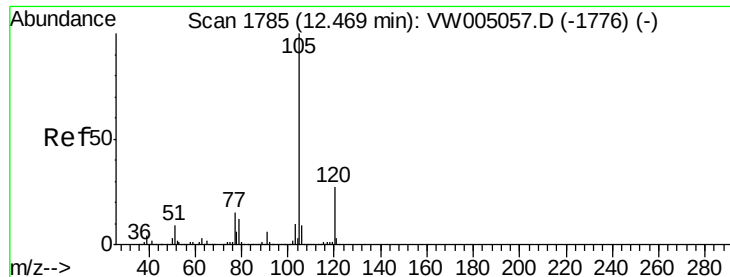
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.68 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tot Ion: 105 Resp: 535030

Ion Ratio Lower Upper

105 100

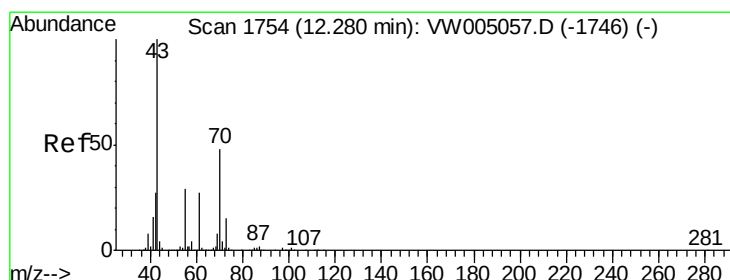
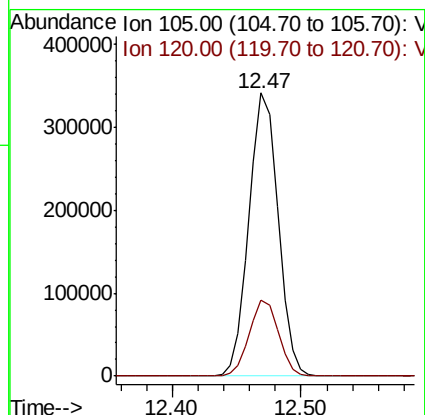
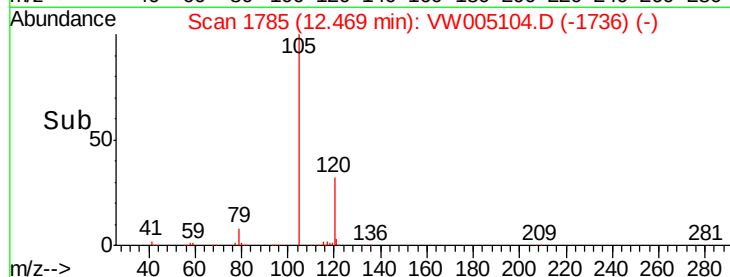
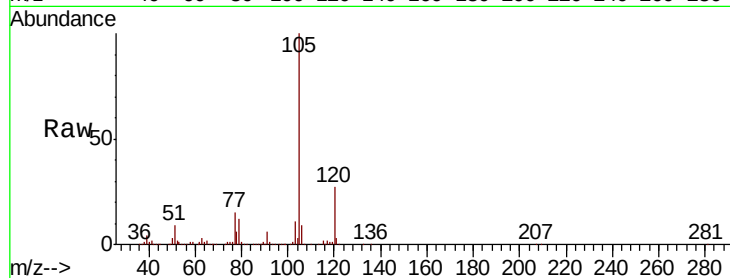
120 26.8 13.4 40.1

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#74

N-ethyl acetate

Concen: 19.65 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion: 43 Resp: 92016

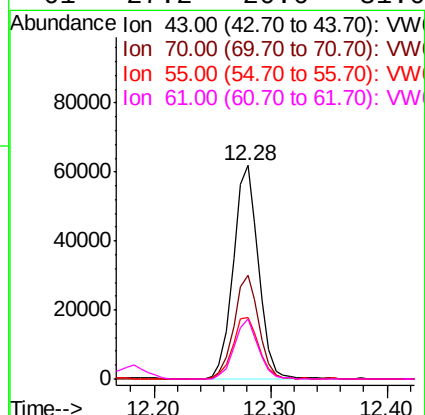
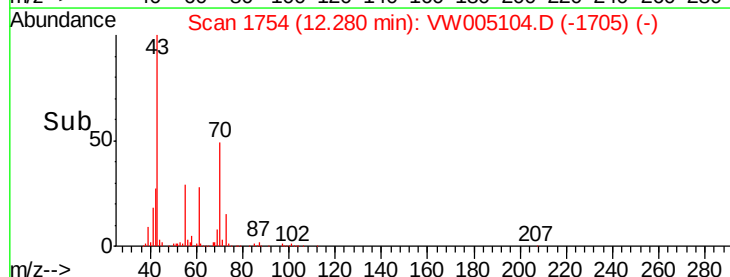
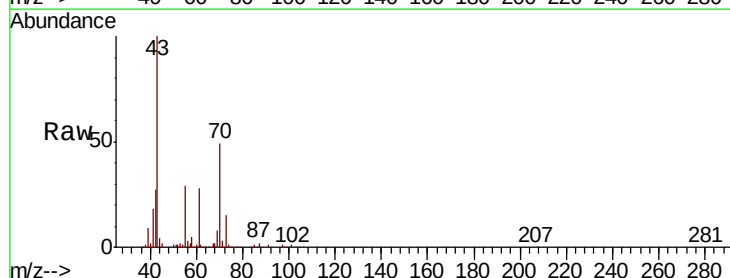
Ion Ratio Lower Upper

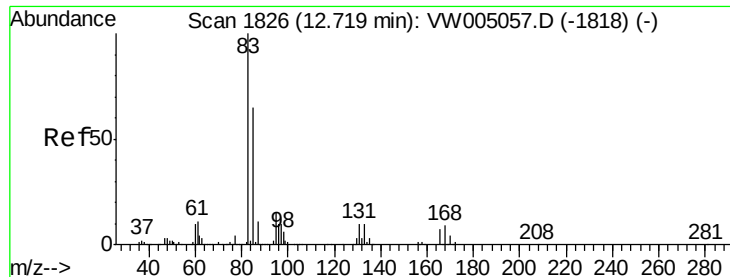
43 100

70 48.7 38.2 57.4

55 30.8 23.2 34.8

61 27.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.17 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

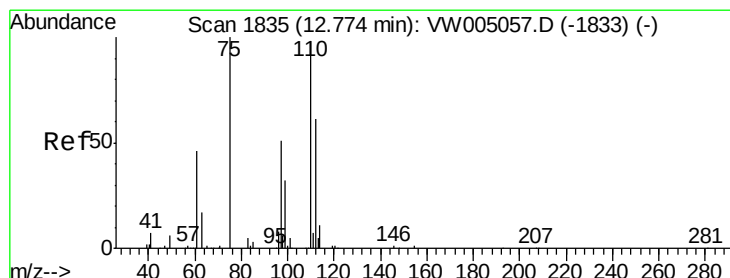
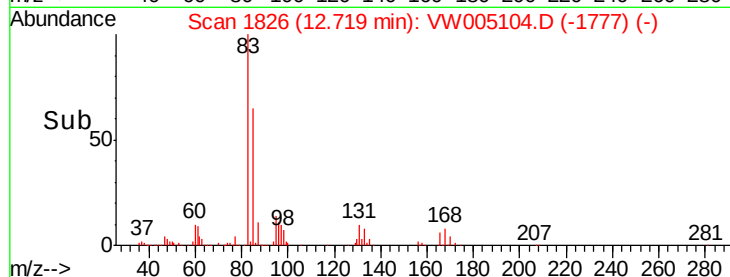
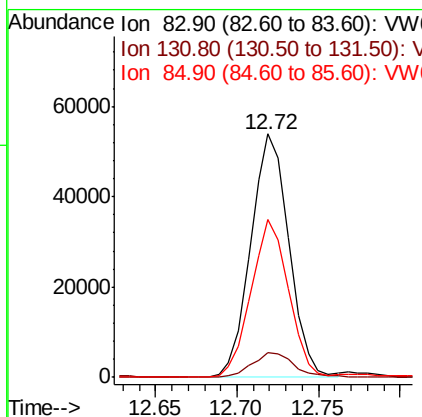
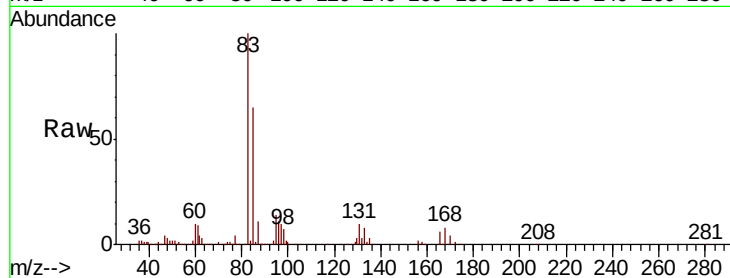
ClientSampled :

VW0904SBSD02

Tot Ion:	83	Resp:	87651
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	63.7	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 19.64 ug/l m

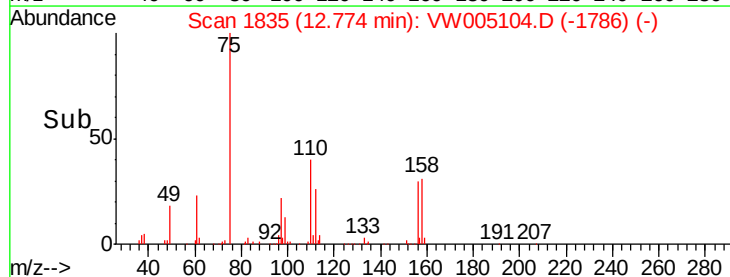
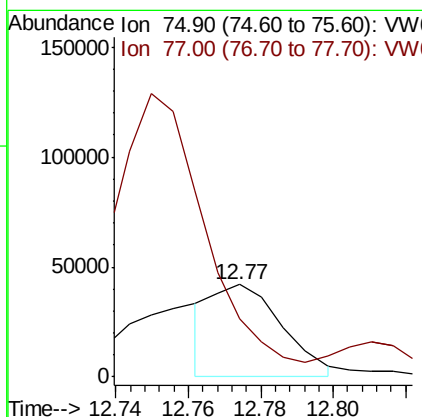
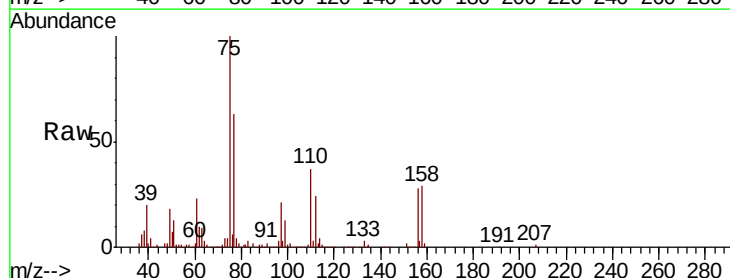
RT: 12.77 min Scan# 1835

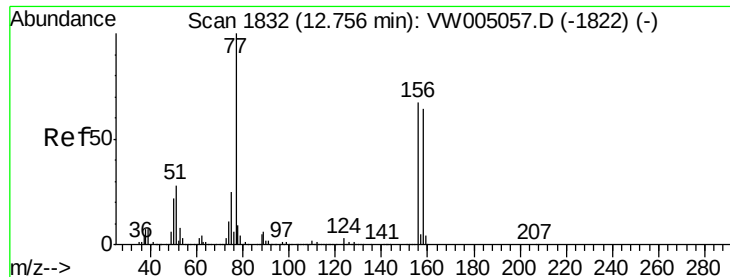
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	75	Resp:	56844
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.46 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

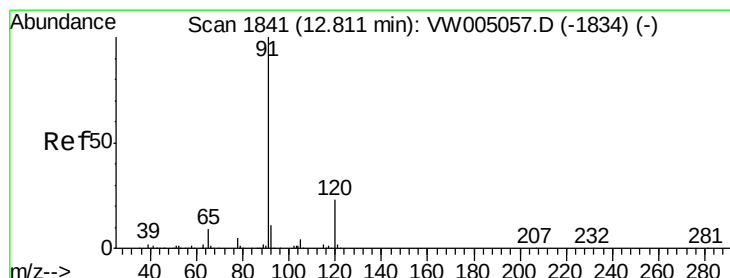
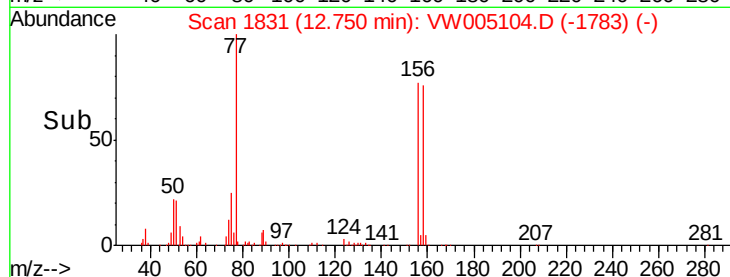
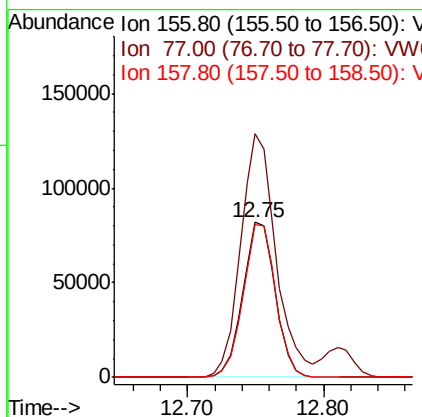
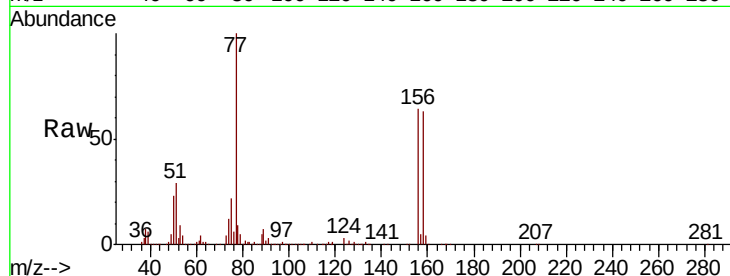
ClientSampleId :

VW0904SBSD02

Tot Ion:	156	Resp:	137084
Ion Ratio	Lower	Upper	
156	100		
77	170.1	85.8	257.4
158	98.5	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.02 ug/l

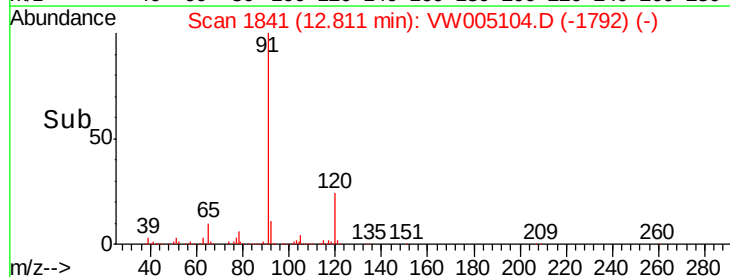
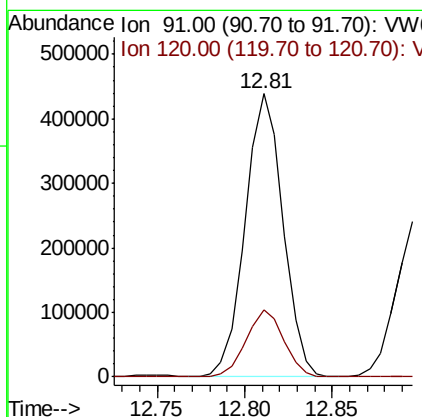
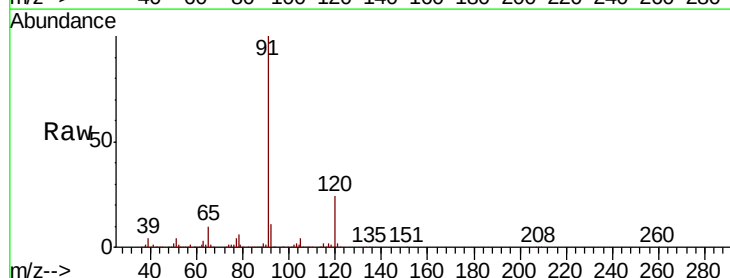
RT: 12.81 min Scan# 1841

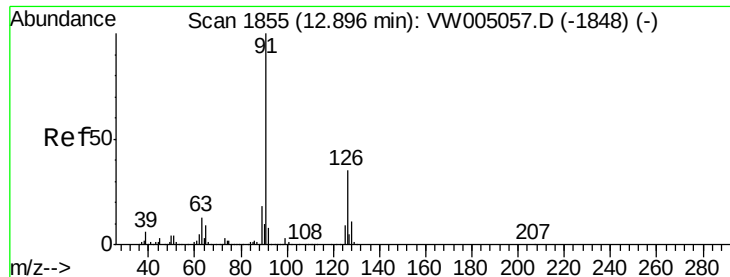
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	91	Resp:	657159
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.17 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

Tot Ion: 91 Resp: 386324

Ion Ratio Lower Upper

91 100

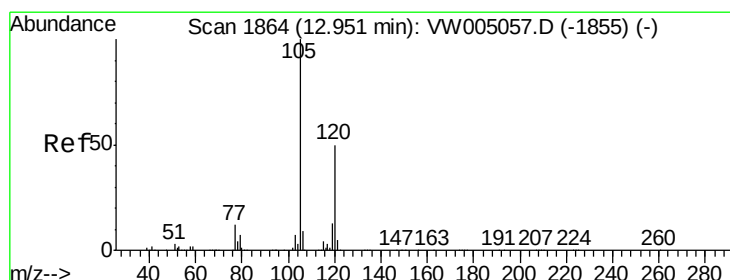
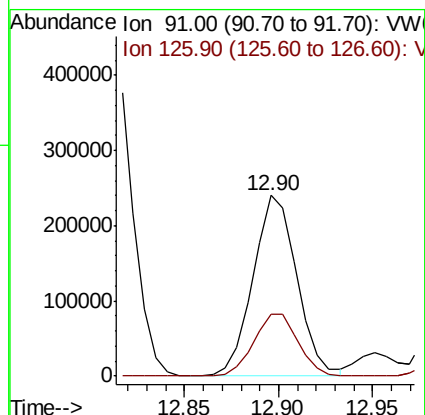
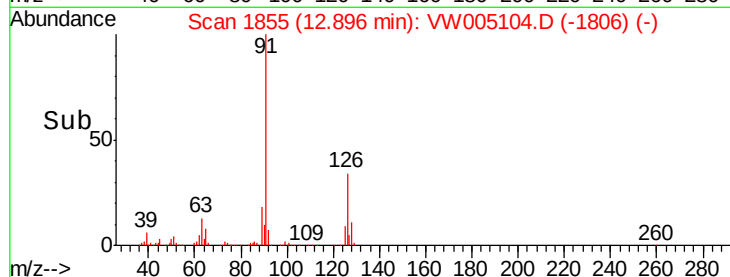
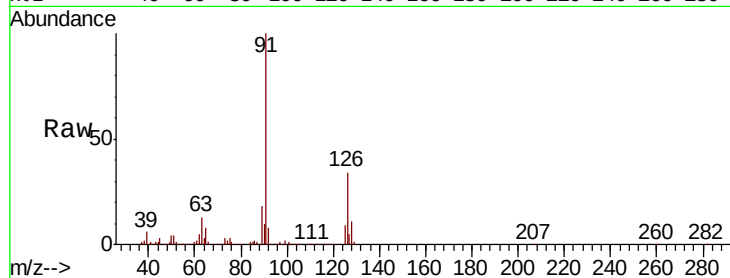
126 35.1 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.23 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005104.D

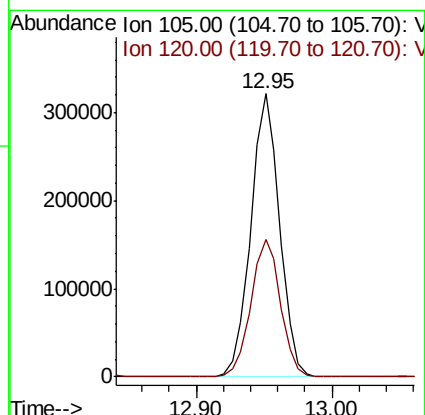
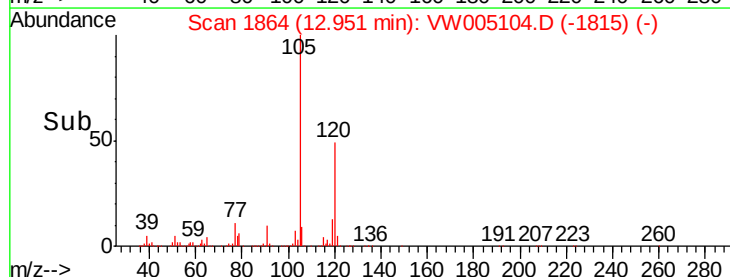
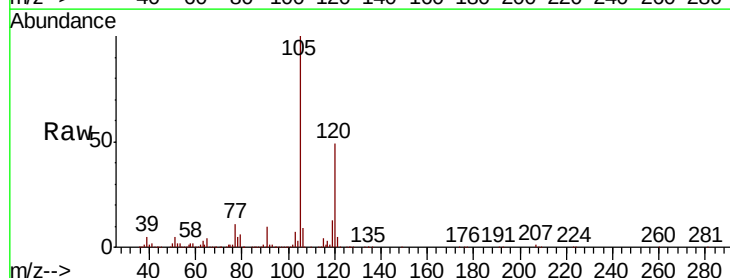
Acq: 05 Sep 2018 03:26

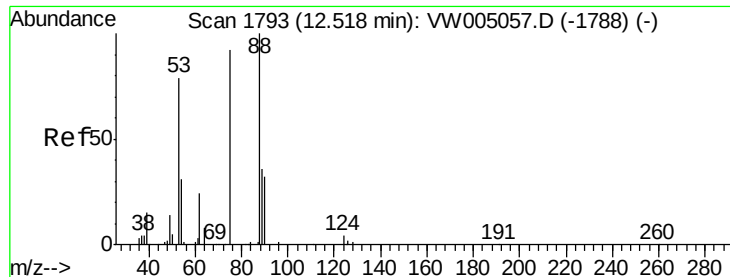
Tgt Ion: 105 Resp: 475712

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8





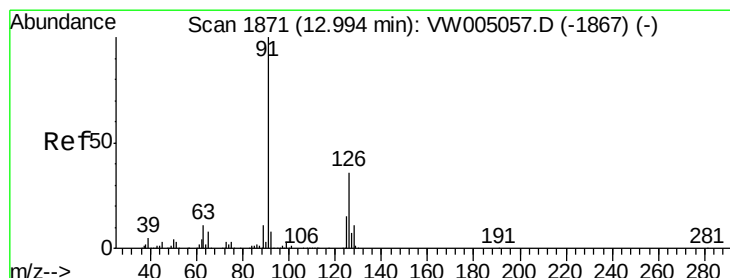
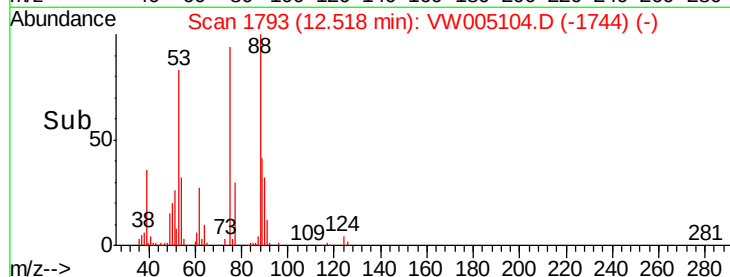
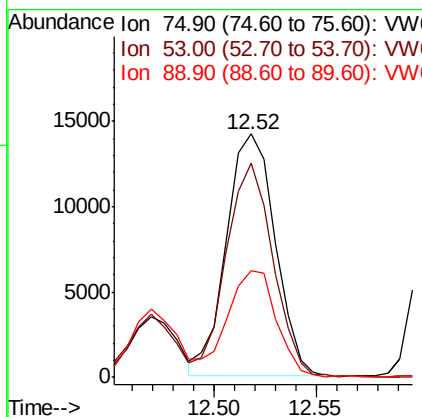
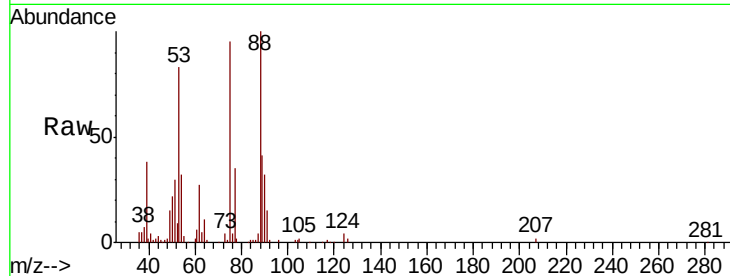
#81
trans-1,4-Dichloro-2-butene
Concen: 19.46 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.2	69.8	104.8
89	44.2	36.0	54.0

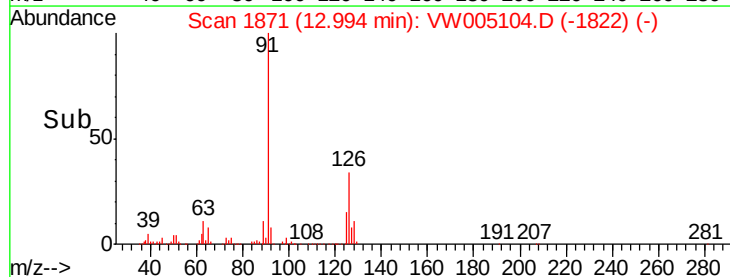
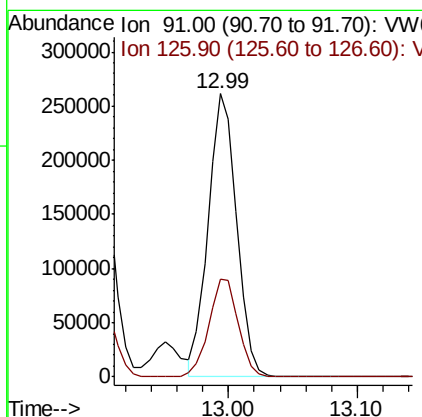
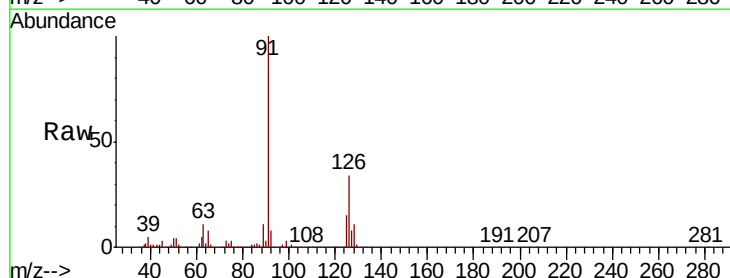
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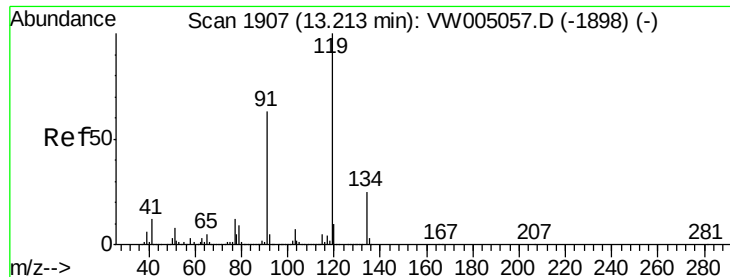
apatel
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#82
4-Chlorotoluene
Concen: 19.95 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.4	52.3





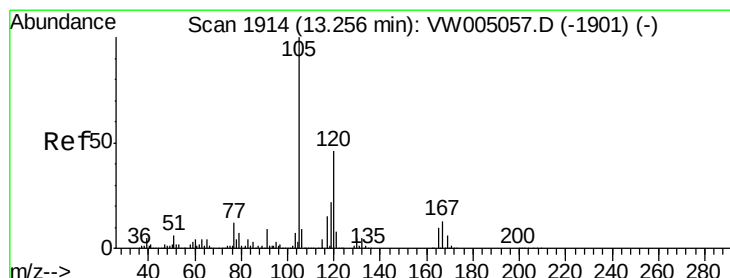
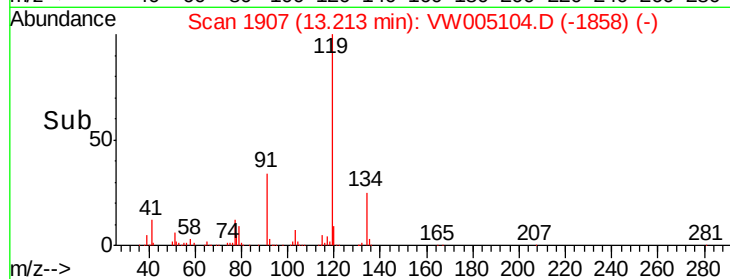
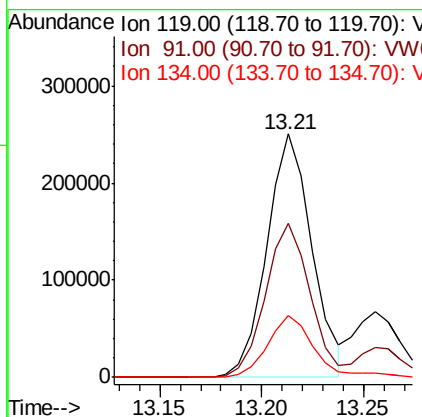
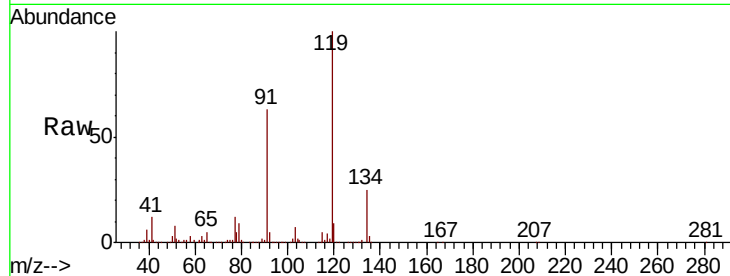
#83
 tert-Butylbenzene
 Concen: 19.66 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	386125		
91	62.4	31.8	95.4	
134	26.5	13.0	39.0	

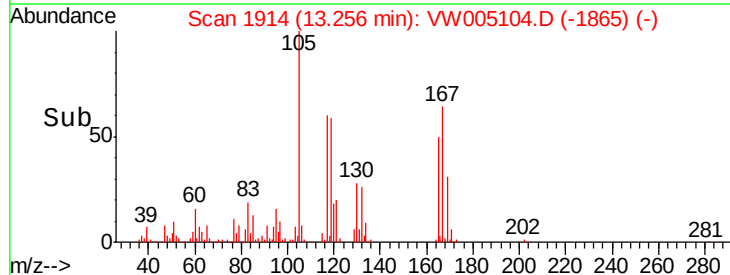
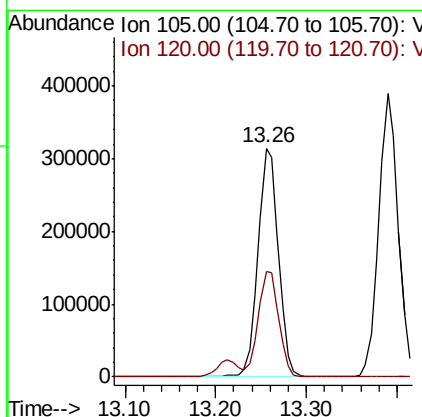
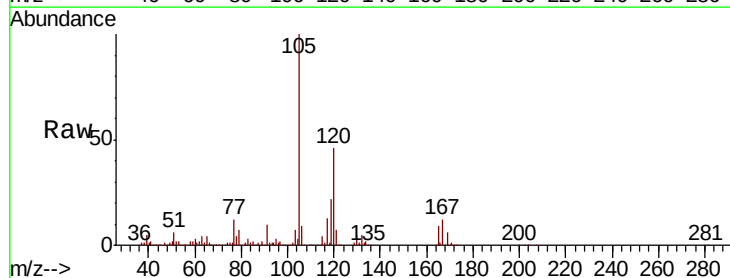
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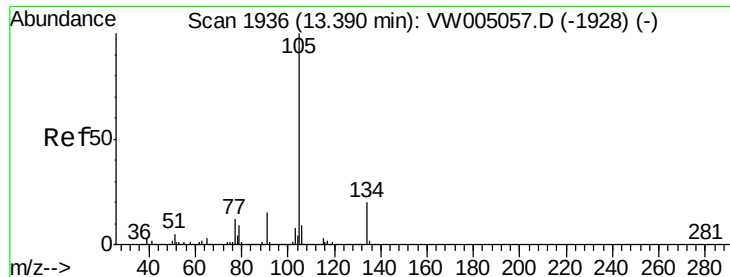
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.42 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	488988		
120	46.3	23.1	69.3	





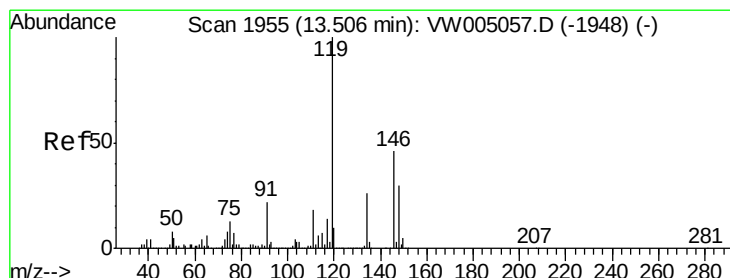
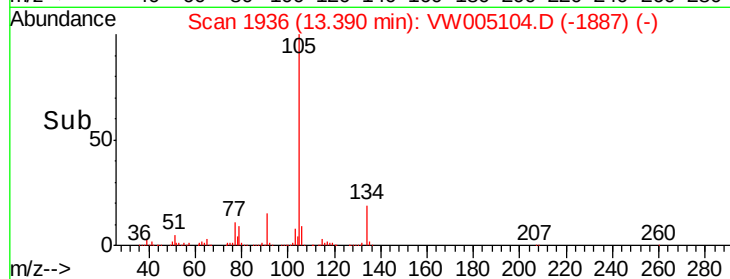
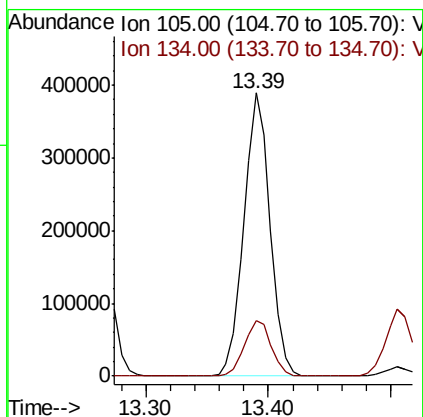
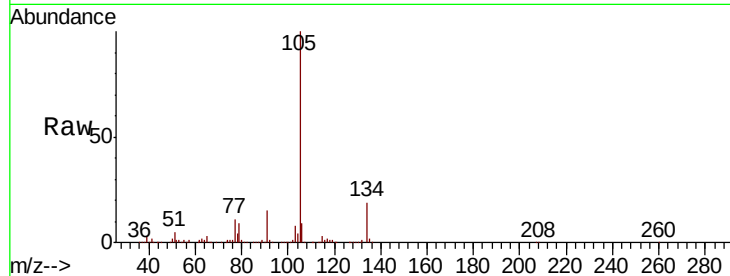
#85
 sec-Butylbenzene
 Concen: 19.93 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

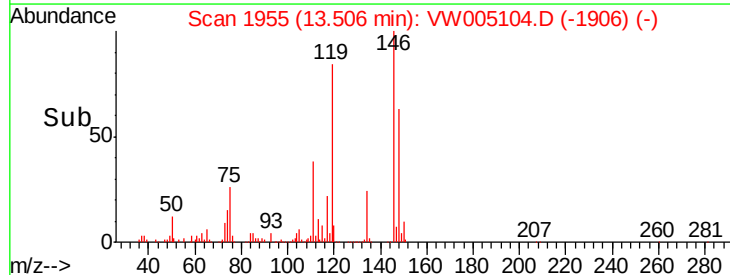
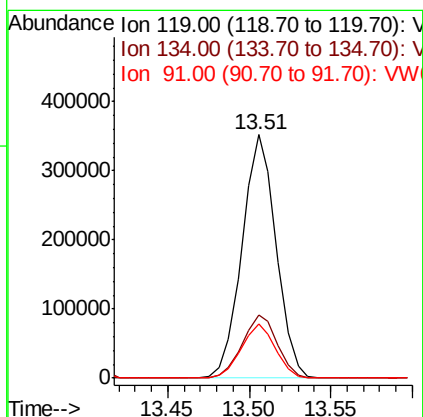
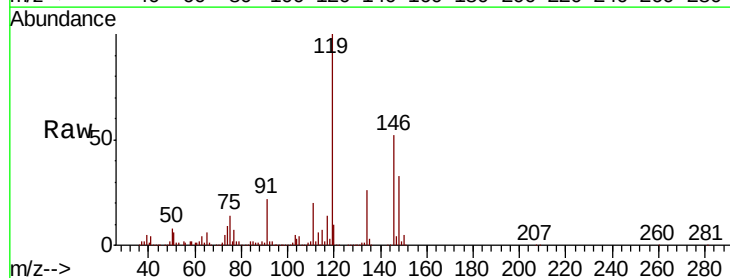
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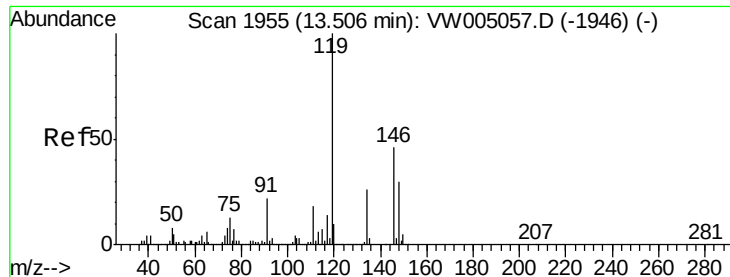
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#86
 p-Isopropyltoluene
 Concen: 20.06 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.8
91	21.9	10.9	32.9





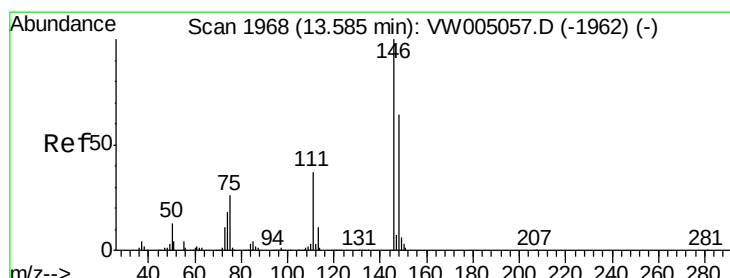
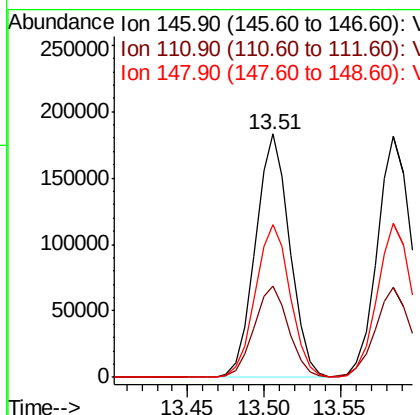
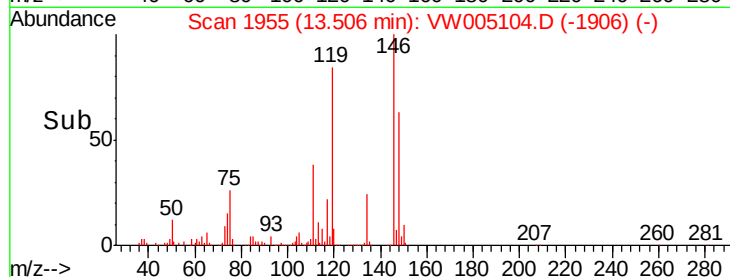
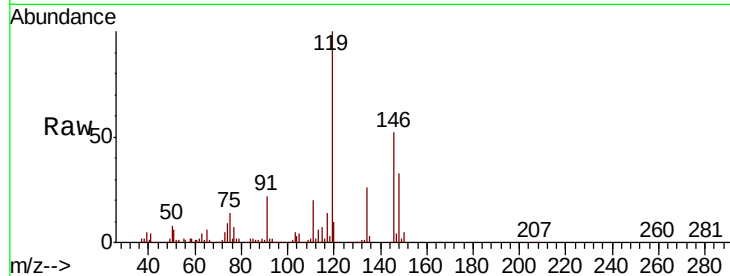
#87
 1,3-Dichlorobenzene
 Concen: 20.75 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	285526		
111	38.0	19.2	57.6	
148	63.7	31.9	95.7	

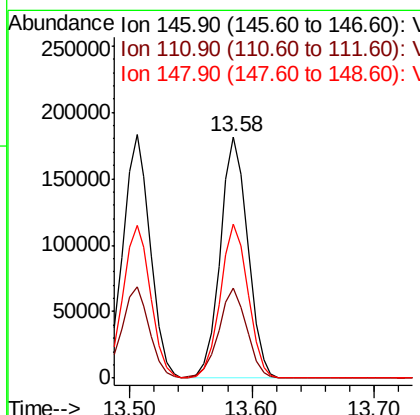
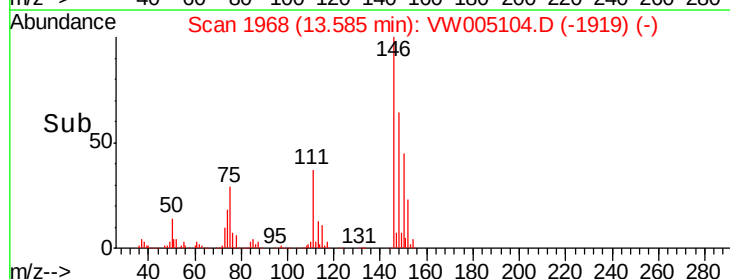
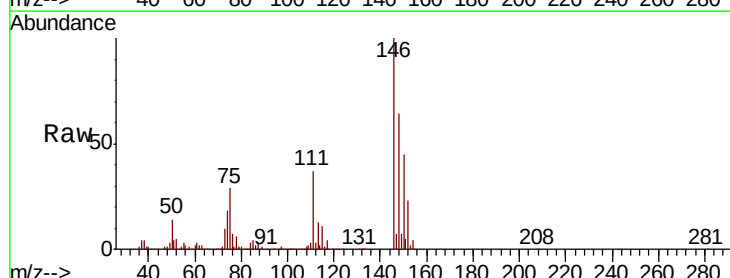
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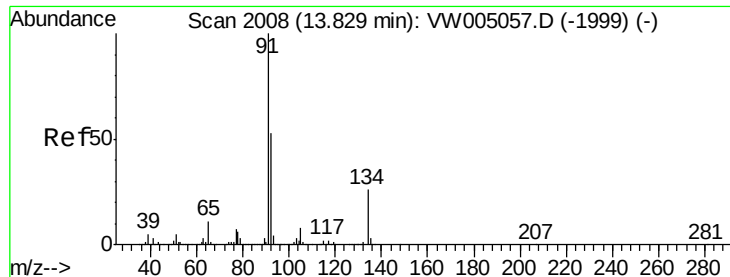
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#88
 1,4-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282360		
111	38.1	18.6	56.0	
148	64.4	32.0	96.0	





#89

n-Butylbenzene

Concen: 19.62 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

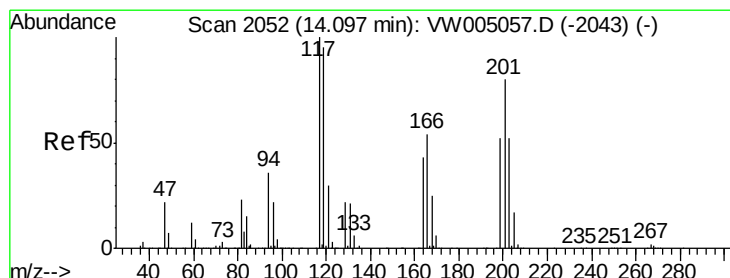
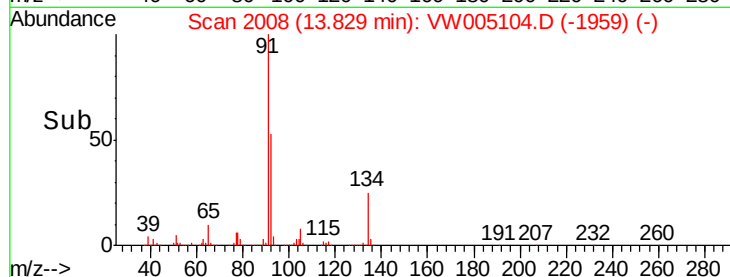
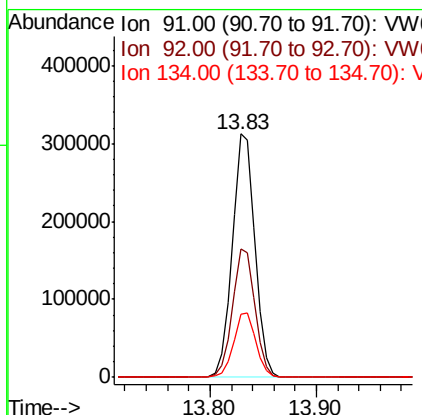
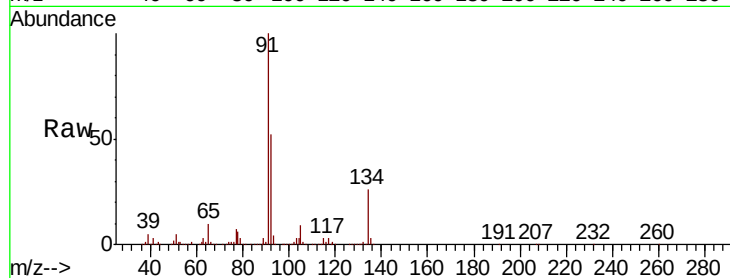
ClientSampleId :

VW0904SBSD02

Tot Ion:	91	Resp:	464581
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.5	79.5
134	26.1	13.5	40.4

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#90

Hexachloroethane

Concen: 19.67 ug/l

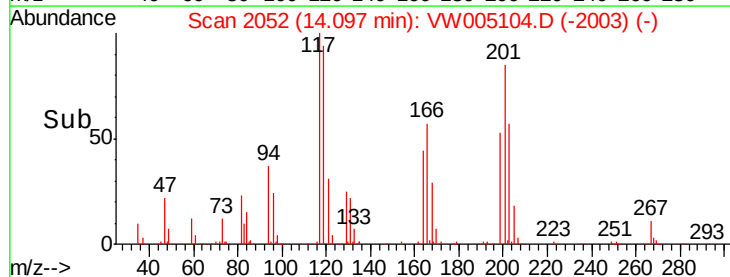
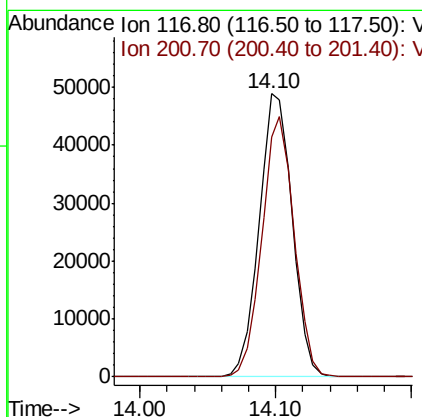
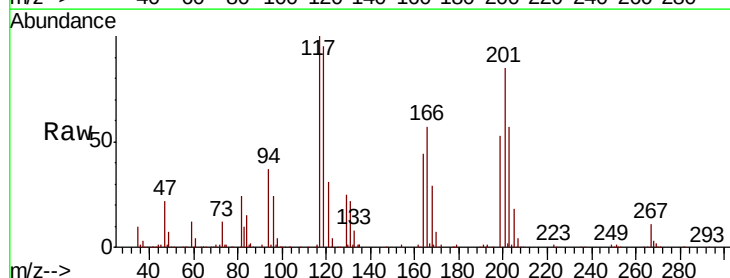
RT: 14.10 min Scan# 2052

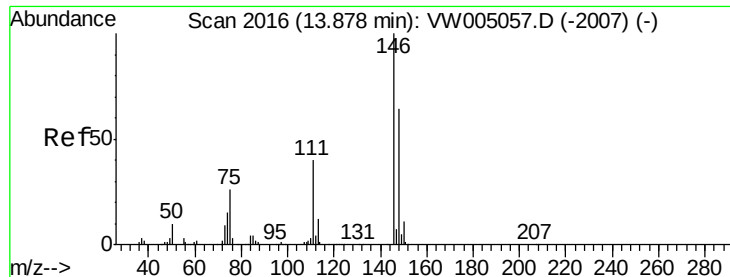
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	117	Resp:	83466
Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.6	133.8





#91

1,2-Dichlorobenzene

Concen: 21.37 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Instrument :

MSVOA_W

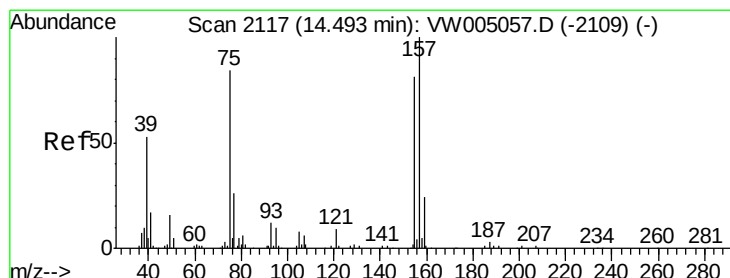
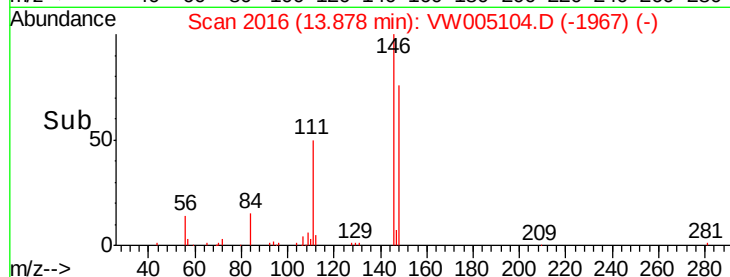
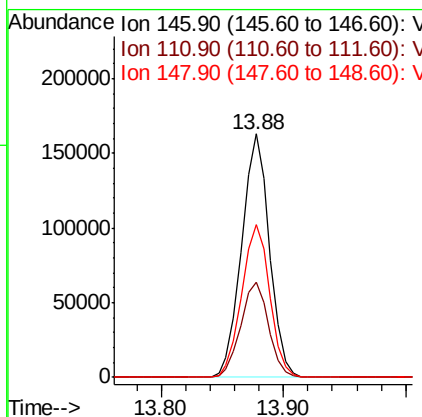
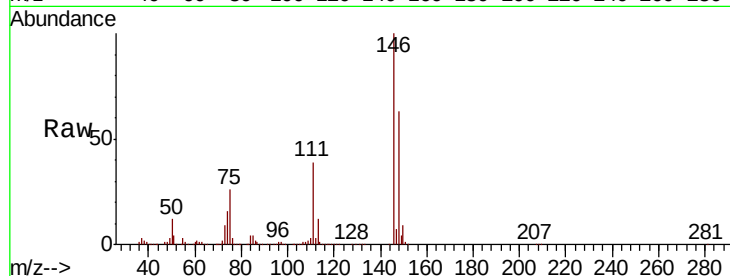
ClientSampled :

VW0904SBSD02

Tot Ion:	146	Resp:	256371
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.9	59.7
148	63.4	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.69 ug/l

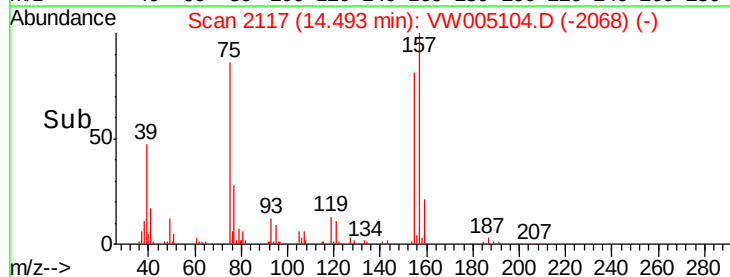
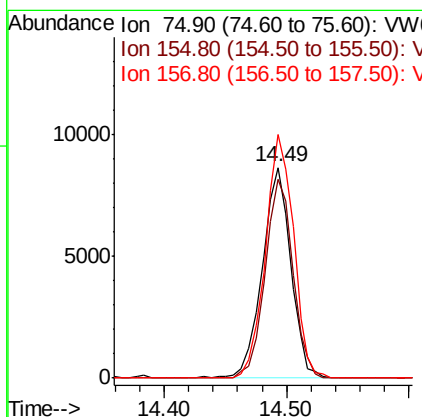
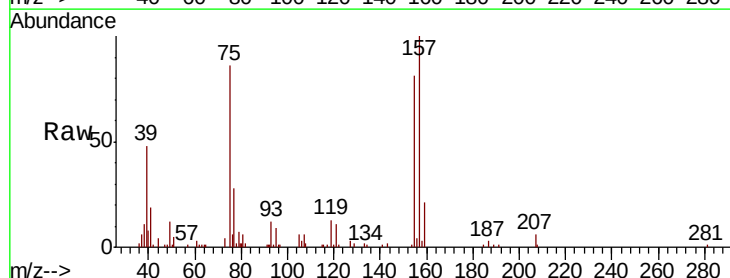
RT: 14.49 min Scan# 2117

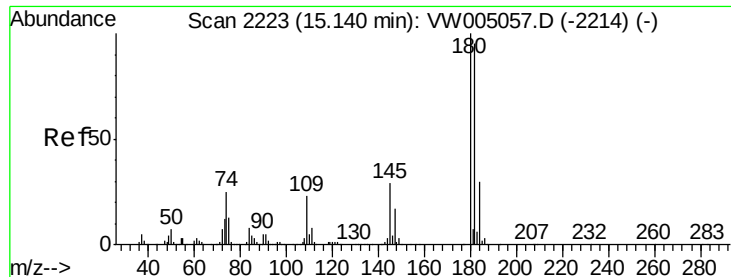
Delta R.T. -0.00 min

Lab File: VW005104.D

Acq: 05 Sep 2018 03:26

Tgt Ion:	75	Resp:	14032
Ion Ratio	Lower	Upper	
75	100		
155	91.6	46.0	137.8
157	113.3	58.6	175.7





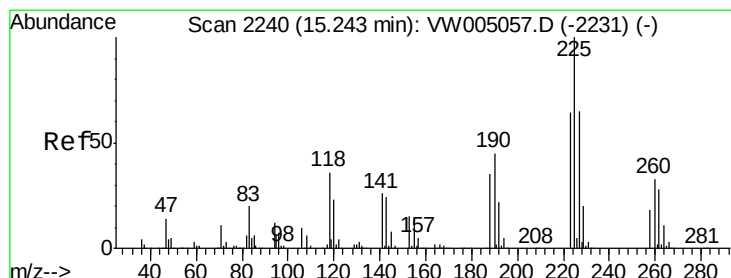
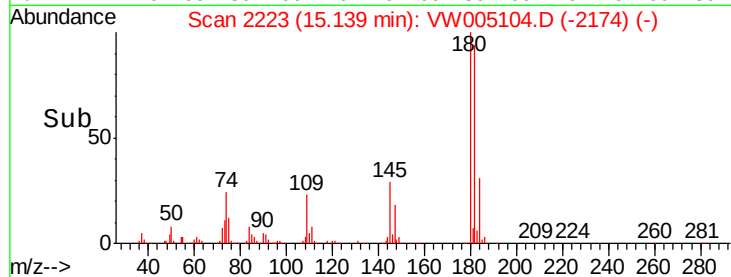
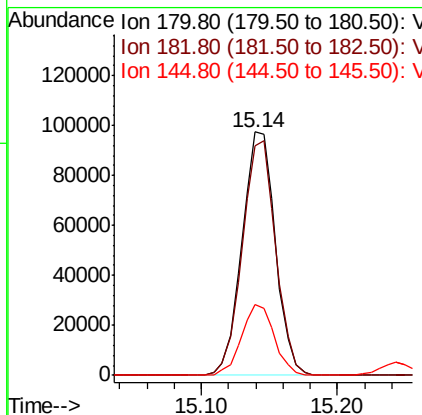
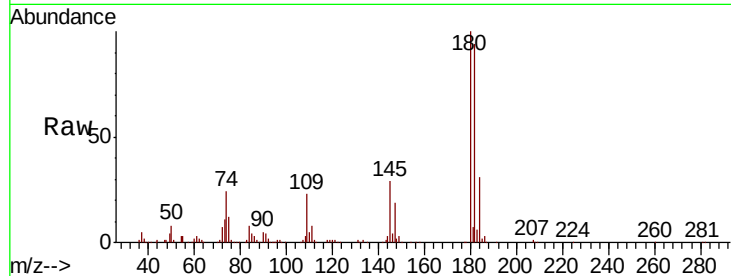
#93
 1,2,4-Trichlorobenzene
 Concen: 20.75 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	166922		
182	96.2	47.5	142.6	
145	28.4	14.4	43.2	

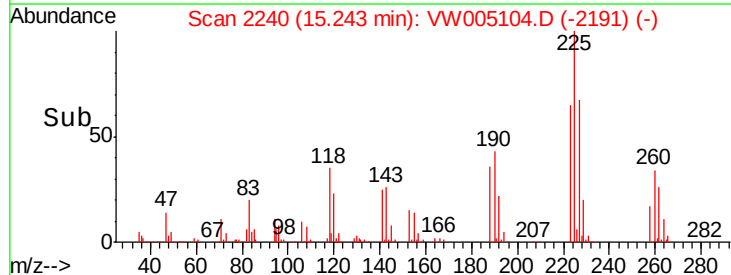
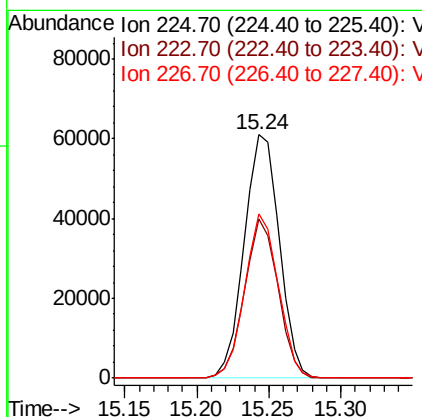
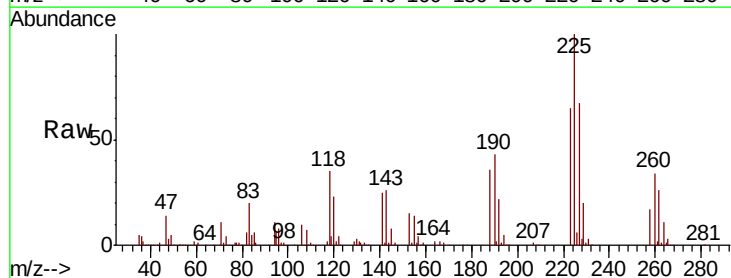
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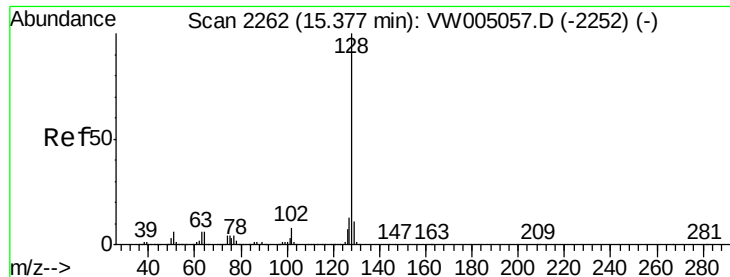
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#94
 Hexachlorobutadiene
 Concen: 20.61 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005104.D
 Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103098		
223	62.2	31.4	94.3	
227	64.3	32.0	96.0	





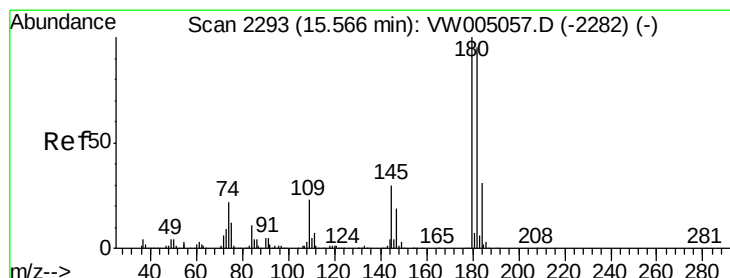
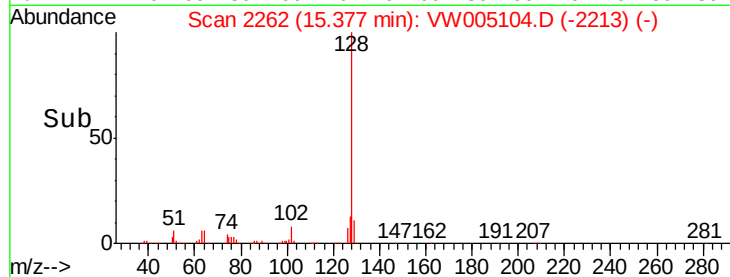
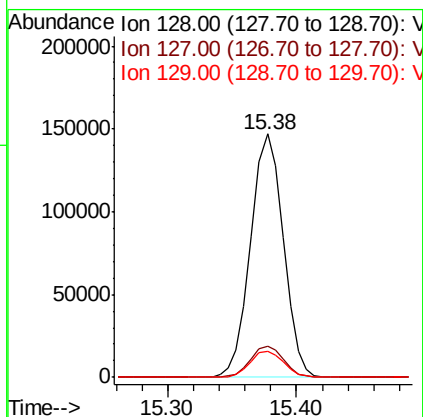
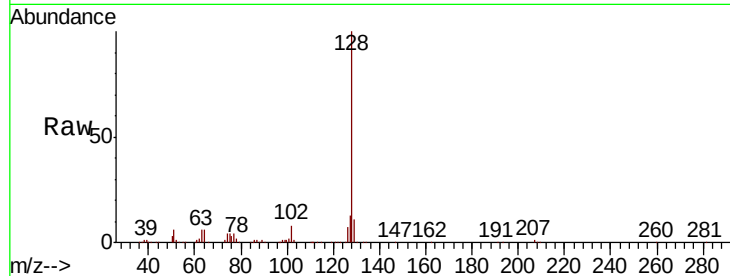
#95
Naphthalene
Concen: 21.10 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	258580		
127	13.0		10.4	15.6
129	11.1		8.7	13.1

Manual Integrations
APPROVED

apatel
9/5/2018 10:03:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.25 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005104.D
Acq: 05 Sep 2018 03:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146292		
182	96.2		47.4	142.3
145	30.4		15.4	46.1

