

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005079.D
 Acq On : 04 Sep 2018 15:07
 Operator : SY/AP
 Sample : VW0904SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS01

Manual Integrations
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 9/5/2018 10:02:15 AM

Quant Time: Sep 05 01:42:06 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	7.96	168	459806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	637430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	630166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	372886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	186396	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.89	113	194669	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.33	98	908178	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	333545	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	87213	23.54	ug/l	95
3) Chloromethane	2.22	50	110748	20.60	ug/l	99
4) Vinyl Chloride	2.36	62	109812	21.00	ug/l	100
5) Bromomethane	2.75	94	76540	21.22	ug/l	98
6) Chloroethane	2.90	64	66282	20.37	ug/l	99
7) Trichlorofluoromethane	3.25	101	129362	21.99	ug/l	98
8) Diethyl Ether	3.68	74	41800	19.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87425	21.64	ug/l	99
10) Methyl Iodide	4.28	142	100964	19.26	ug/l	100
11) Tert butyl alcohol	5.17	59	31244	142.39	ug/l	98
12) 1,1-Dichloroethene	4.04	96	80996	21.78	ug/l	99
13) Acrolein	3.90	56	27384	110.69	ug/l	96
14) Allyl chloride	4.68	41	116360	20.02	ug/l	99
15) Acrylonitrile	5.38	53	96265	107.24	ug/l	98
16) Acetone	4.13	43	80128	104.82	ug/l	100
17) Carbon Disulfide	4.38	76	277649	21.43	ug/l	99
18) Methyl Acetate	4.68	43	43567	19.37	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	190422	21.09	ug/l	99
20) Methylene Chloride	4.92	84	166926	30.83	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	91890	20.28	ug/l	94
22) Diisopropyl ether	6.32	45	241034	19.71	ug/l	98
23) Vinyl Acetate	6.26	43	665528	103.60	ug/l	99
24) 1,1-Dichloroethane	6.22	63	151508	19.82	ug/l	100
25) 2-Butanone	7.18	43	135180	101.96	ug/l	98
26) 2,2-Dichloropropane	7.17	77	132677	21.12	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	100054	20.19	ug/l	100
28) Bromochloromethane	7.52	49	58317	18.95	ug/l	94
29) Tetrahydrofuran	7.54	42	71521	105.57	ug/l	98
30) Chloroform	7.68	83	153636	19.69	ug/l	95
31) Cyclohexane	7.96	56	157321	21.02	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	140751	20.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135898	22.39	ug/l	99
37) Ethyl Acetate	7.26	43	49500	21.80	ug/l	98
38) Carbon Tetrachloride	8.07	117	127870	22.15	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	158671	21.61	ug/l	98
40) Benzene	8.33	78	386771	20.81	ug/l	98
41) Methacrylonitrile	7.49	41	22848	17.37	ug/l #	75
42) 1,2-Dichloroethane	8.40	62	93454	20.55	ug/l	100
43) Isopropyl Acetate	8.43	43	86643	20.97	ug/l	98
44) Trichloroethene	9.10	130	109242	21.79	ug/l	94
45) 1,2-Dichloropropane	9.37	63	92732	20.42	ug/l	98
46) Dibromomethane	9.46	93	46132	21.25	ug/l	99
47) Bromodichloromethane	9.65	83	113712	20.80	ug/l	99
48) Methyl methacrylate	9.45	41	41745	20.98	ug/l	97
49) 1,4-Dioxane	9.45	88	17521	499.05	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	304030	109.80	ug/l	99
52) Toluene	10.39	92	271594	21.57	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	116812	21.75	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	141394	21.64	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	73396	21.84	ug/l	98
56) Ethyl methacrylate	10.65	69	83225	21.70	ug/l	98
57) 1,3-Dichloropropane	10.94	76	116815	21.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	195275	107.46	ug/l	99
59) 2-Hexanone	10.98	43	217581	116.18	ug/l	99
60) Dibromochloromethane	11.13	129	81944	21.56	ug/l	98
61) 1,2-Dibromoethane	11.24	107	64829	21.36	ug/l	100
64) Tetrachloroethene	10.87	164	101632	20.56	ug/l	95
65) Chlorobenzene	11.66	112	302651	21.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92112	21.25	ug/l	100
67) Ethyl Benzene	11.74	91	515753	21.51	ug/l	99
68) m/p-Xylenes	11.85	106	436722	45.48	ug/l	98
69) o-Xylene	12.17	106	198283	22.33	ug/l	98
70) Styrene	12.19	104	331858	22.63	ug/l	99
71) Bromoform	12.35	173	50354	21.91	ug/l #	100
73) Isopropylbenzene	12.47	105	530577	20.18	ug/l	99
74) N-amyl acetate	12.28	43	93952	20.75	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	79182	19.78	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	55238m	19.74	ug/l	
77) Bromobenzene	12.76	156	132194	20.41	ug/l	97
78) n-propylbenzene	12.81	91	665010	20.95	ug/l	100
79) 2-Chlorotoluene	12.90	91	376894	20.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	485103	21.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23715	20.39	ug/l	97
82) 4-Chlorotoluene	12.99	91	407332	20.83	ug/l	100
83) tert-Butylbenzene	13.21	119	398736	21.00	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	498734	21.54	ug/l	99
85) sec-Butylbenzene	13.39	105	587494	21.05	ug/l	100
86) p-Isopropyltoluene	13.51	119	532207	21.55	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	280781	21.10	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	277121	20.99	ug/l	99
89) n-Butylbenzene	13.83	91	496226	21.68	ug/l	100
90) Hexachloroethane	14.10	117	79930	19.48	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	246439	21.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13359	21.36	ug/l	98

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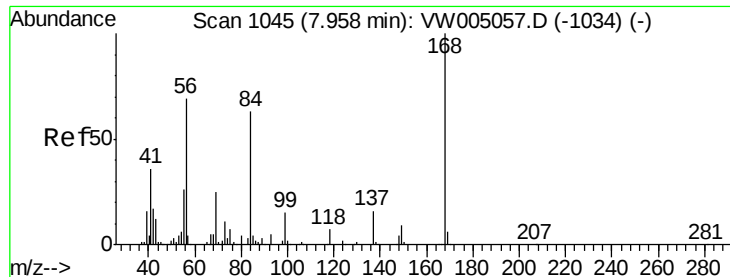
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QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	180966	23.27	ug/l	100
94) Hexachlorobutadiene	15.24	225	108492	22.43	ug/l	100
95) Naphthalene	15.38	128	284277	23.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	155649	23.39	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampled :

VW0904SBS01

Tot Ion:168 Resp: 459806

Ion Ratio Lower Upper

168 100

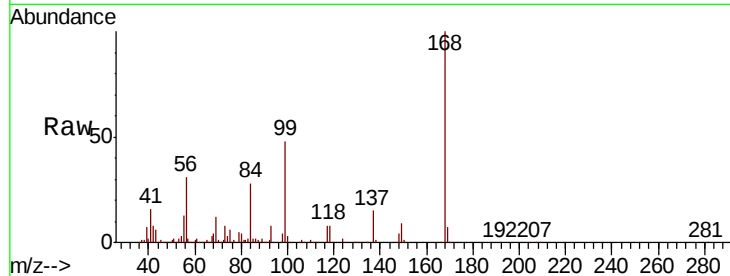
99 47.8 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

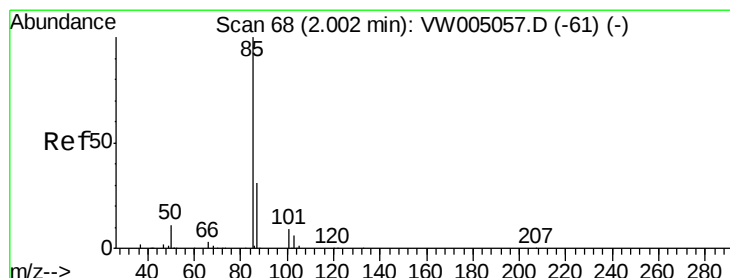
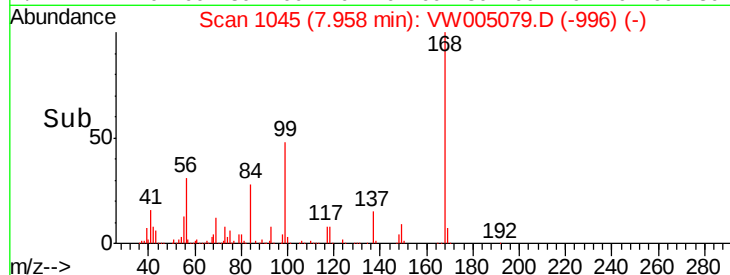
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.54 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005079.D

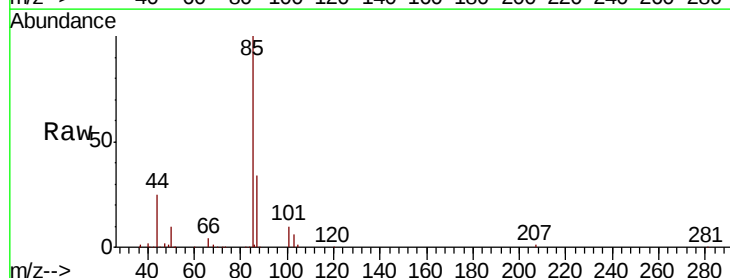
Acq: 04 Sep 2018 15:07

Tgt Ion: 85 Resp: 87213

Ion Ratio Lower Upper

85 100

87 34.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

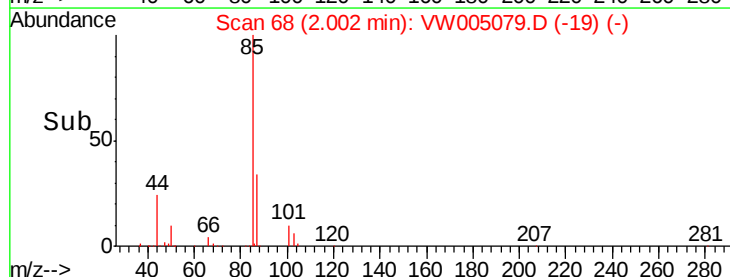
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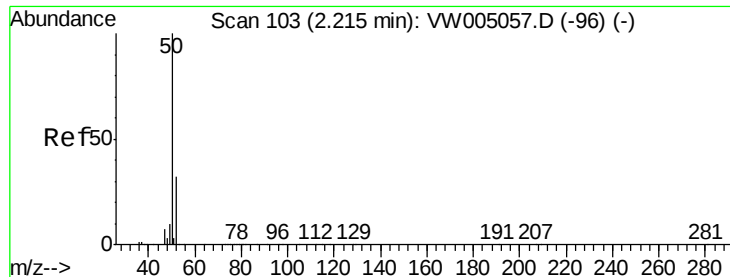
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.60 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion: 50 Resp: 110748

Ion Ratio Lower Upper

50 100

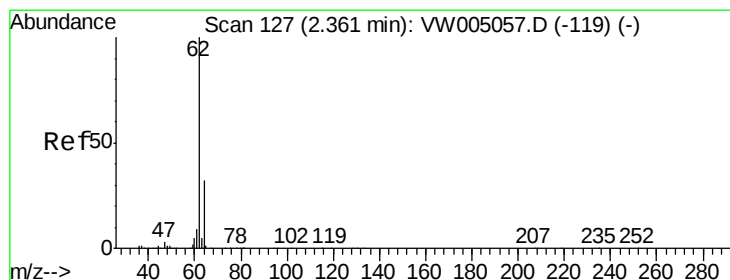
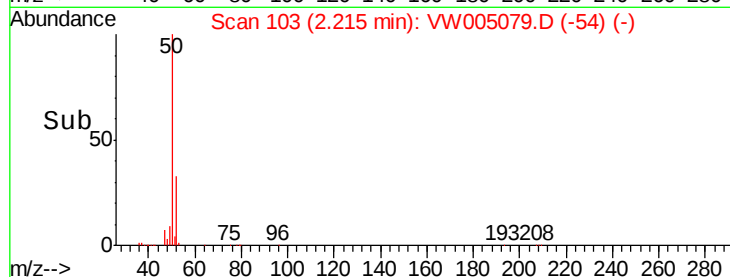
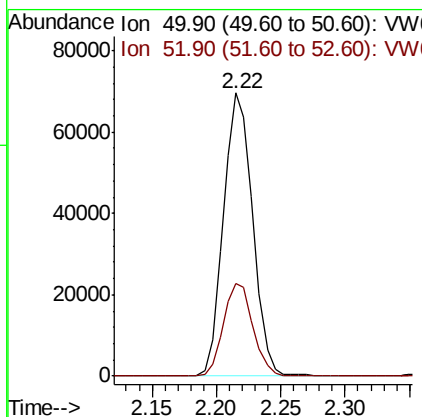
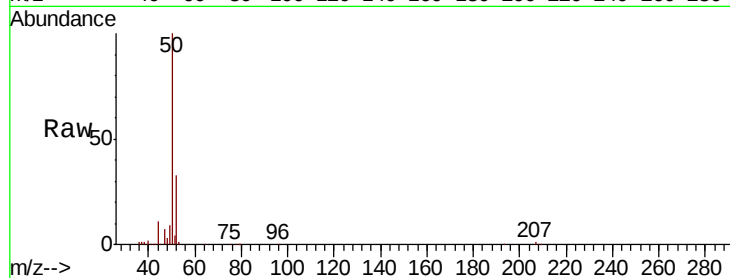
52 33.0 25.8 38.6

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#4

Vinyl Chloride

Concen: 21.00 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005079.D

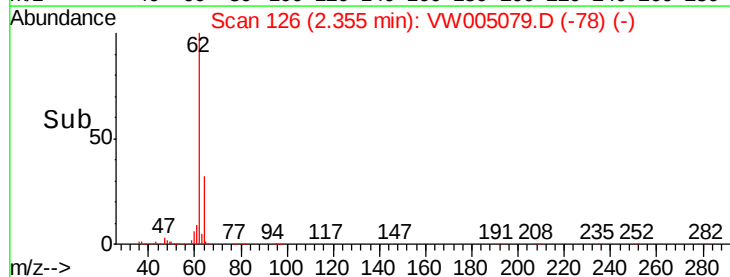
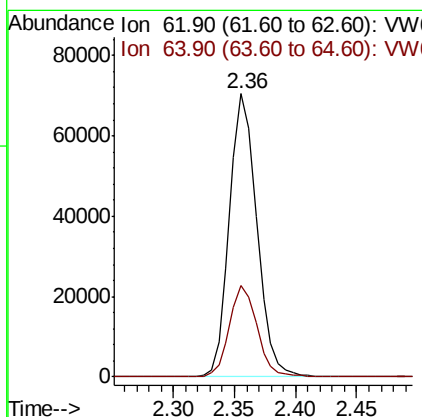
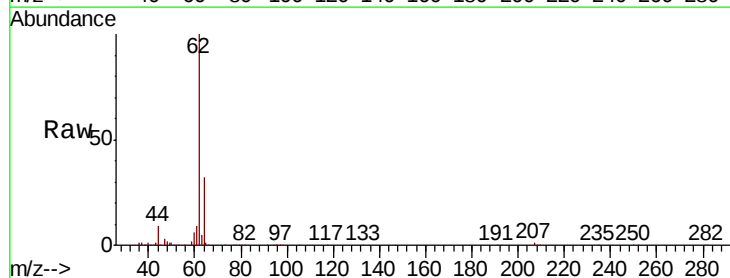
Acq: 04 Sep 2018 15:07

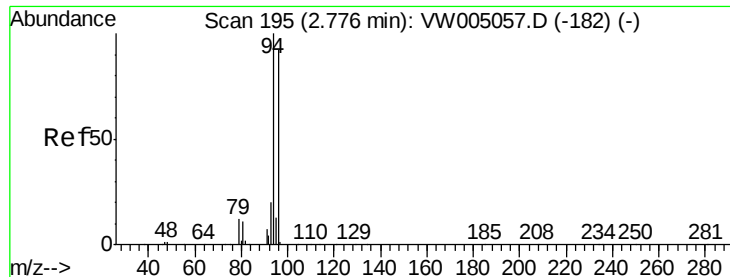
Tgt Ion: 62 Resp: 109812

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 21.22 ug/l

RT: 2.75 min Scan# 190

Delta R.T. -0.03 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion: 94 Resp: 76540

Ion Ratio Lower Upper

94 100

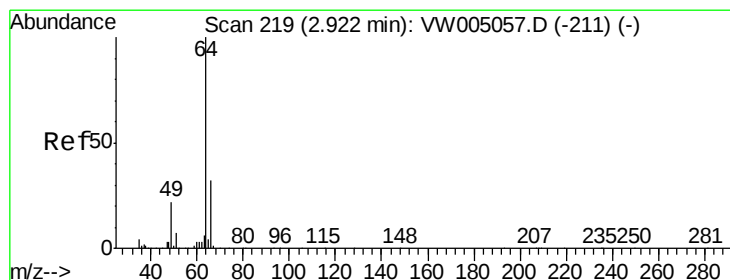
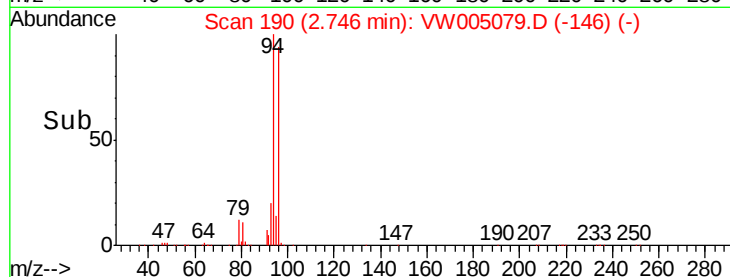
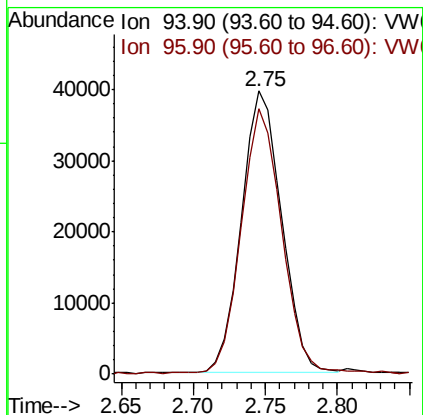
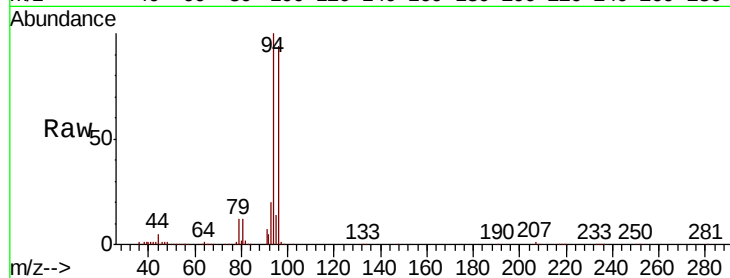
96 93.7 73.2 109.8

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#6

Chloroethane

Concen: 20.37 ug/l

RT: 2.90 min Scan# 216

Delta R.T. -0.02 min

Lab File: VW005079.D

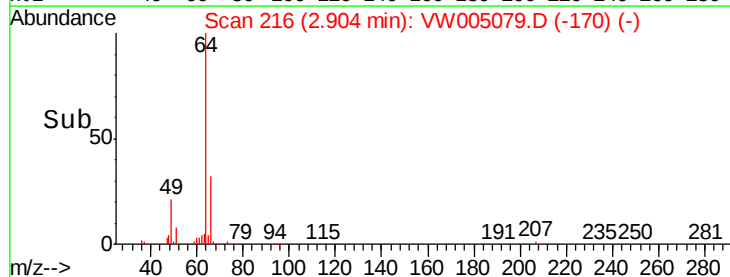
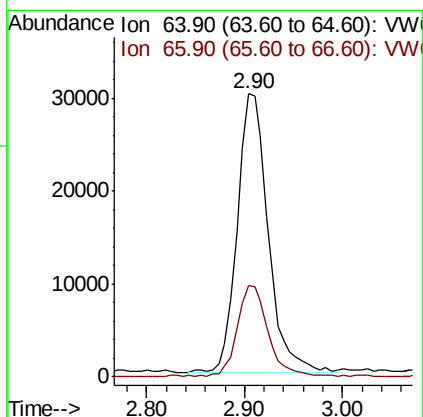
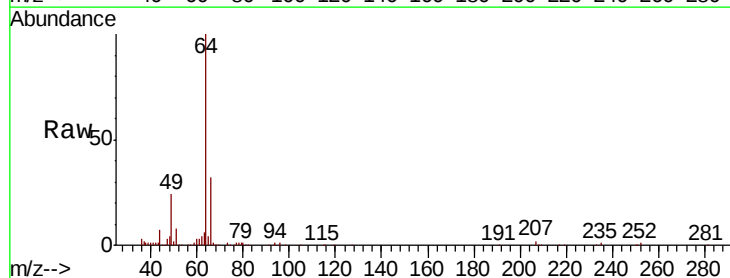
Acq: 04 Sep 2018 15:07

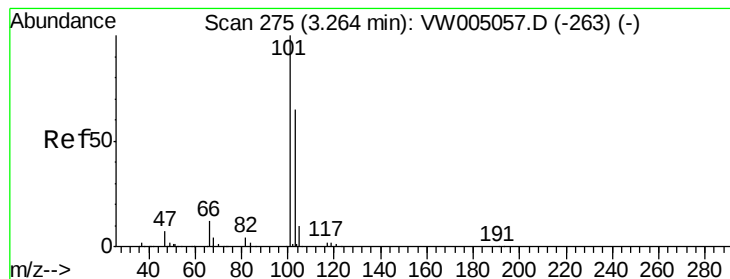
Tgt Ion: 64 Resp: 66282

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5





#7

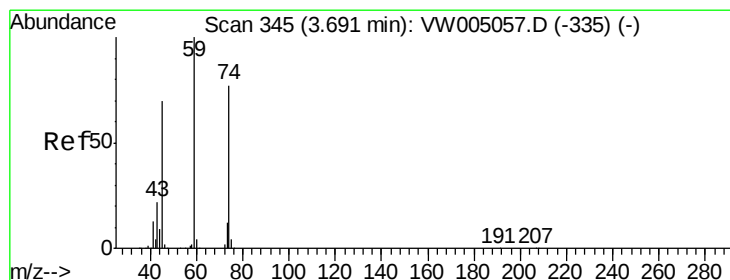
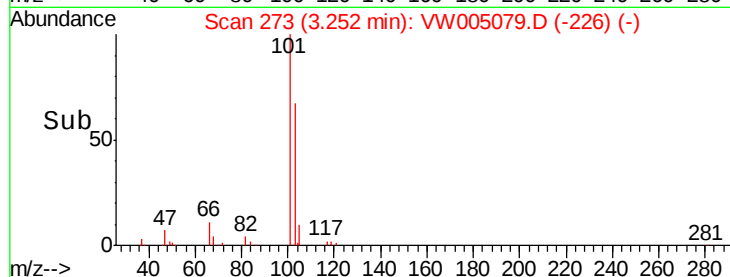
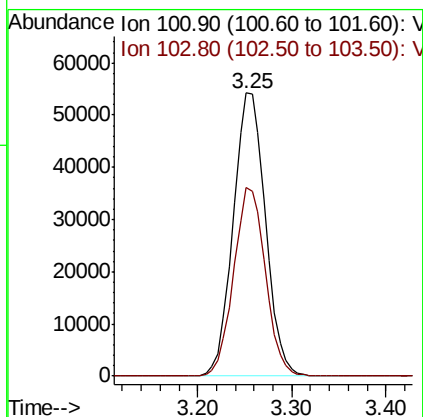
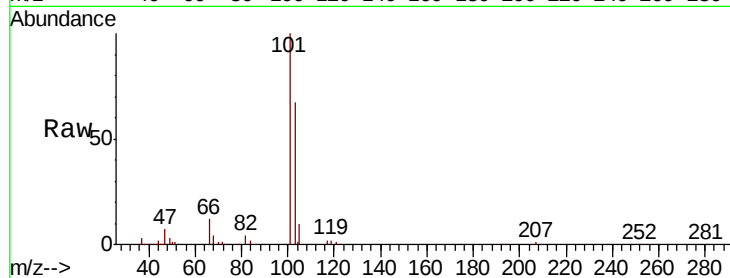
Trichlorofluoromethane
 Concen: 21.99 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
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 ClientSampleId :
 VW0904SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.9	77.9

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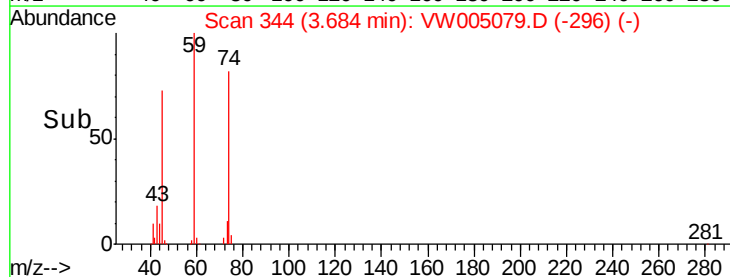
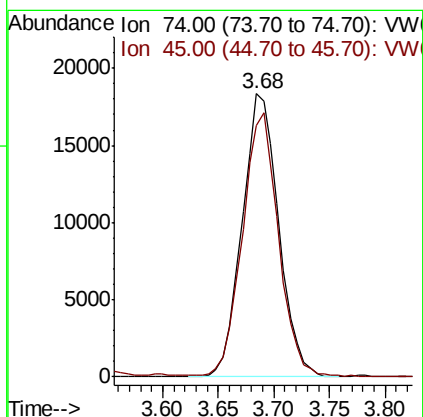
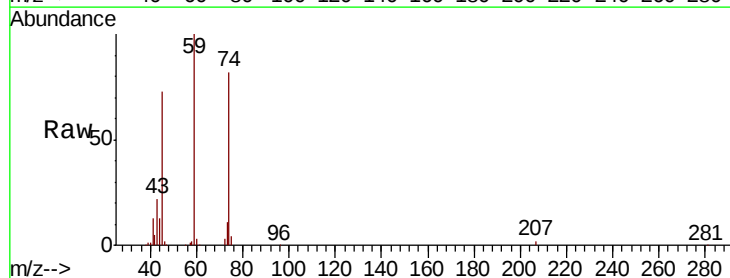
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 9/5/2018 10:02:15 AM

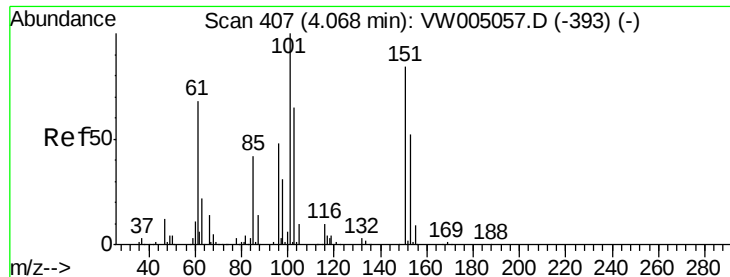


#8

Diethyl Ether
 Concen: 19.64 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.1	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.64 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

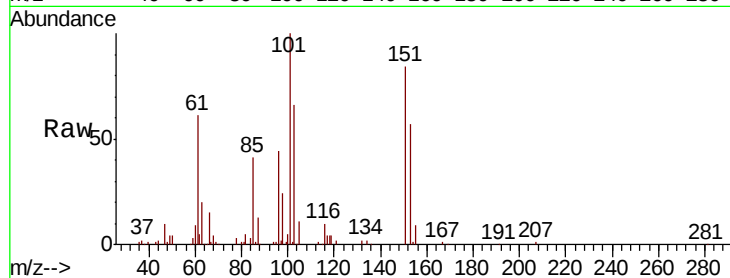
ClientSampled :

VW0904SBS01

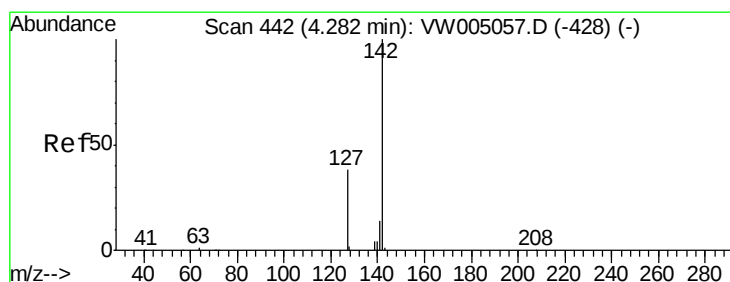
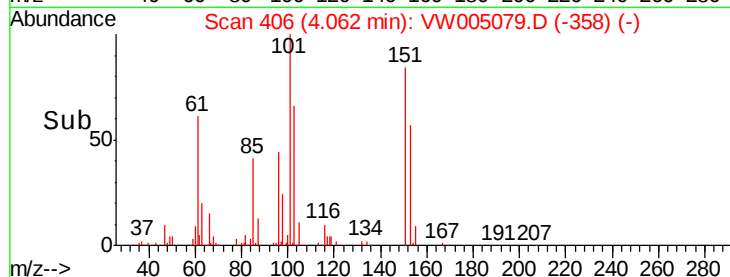
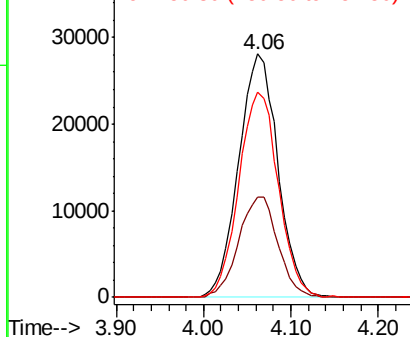
Tot Ion:	101	Resp:	87425
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.0	49.6
151	85.1	67.0	100.6

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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: 19.26 ug/l

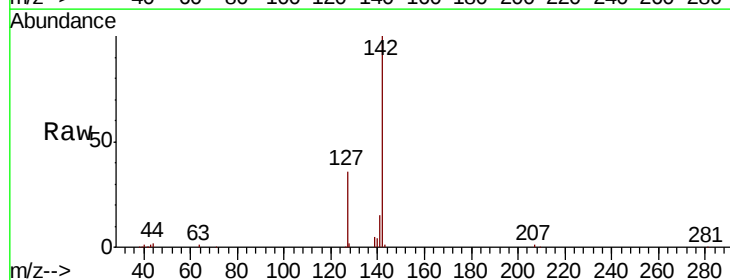
RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

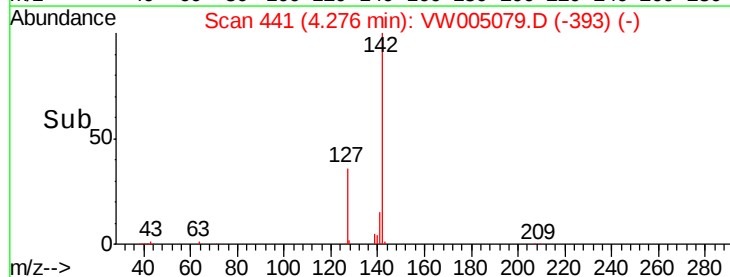
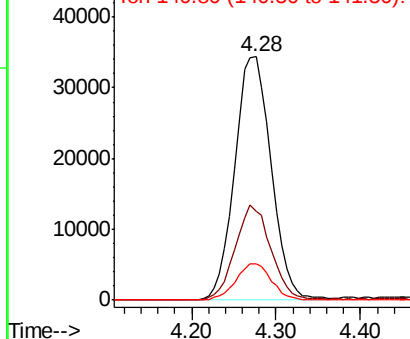
Lab File: VW005079.D

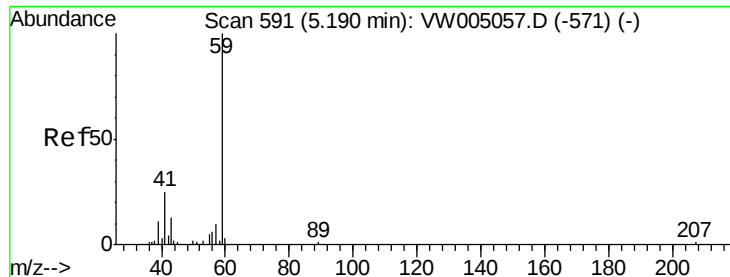
Acq: 04 Sep 2018 15:07

Tgt Ion:	142	Resp:	100964
Ion Ratio	Lower	Upper	
142	100		
127	38.2	30.8	46.2
141	14.5	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

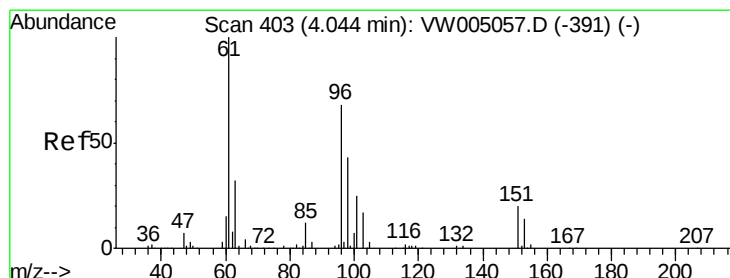
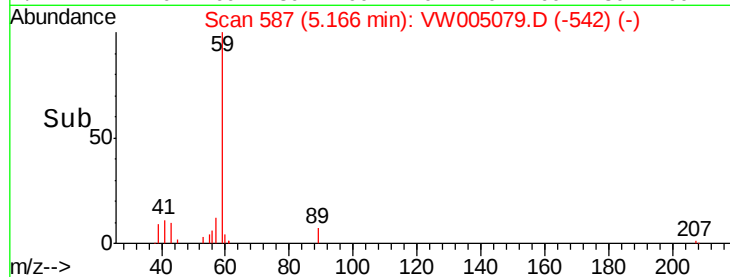
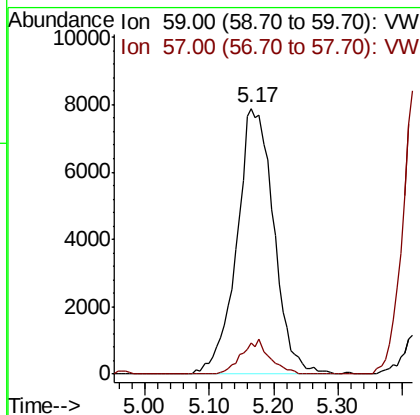
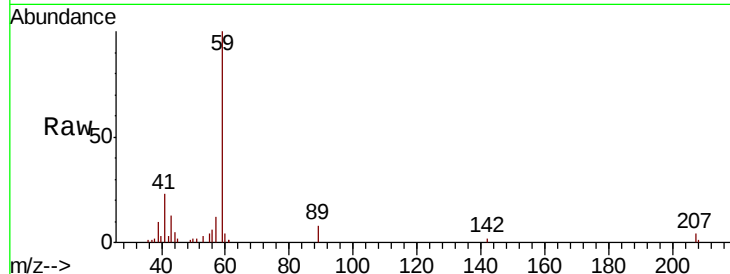
Tert butyl alcohol
 Concen: 142.39 ug/l
 RT: 5.17 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS01

Tot Ion	59	Resp	31244
Ion Ratio	100	Lower	Upper
57	10.0	8.6	12.8

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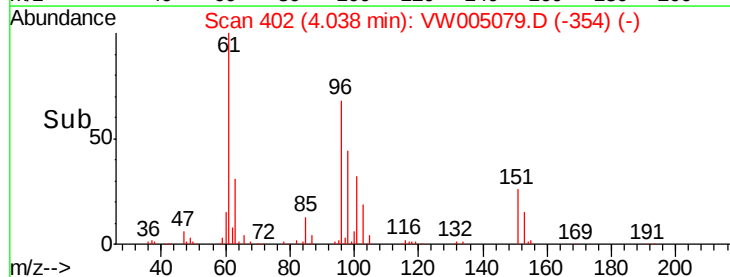
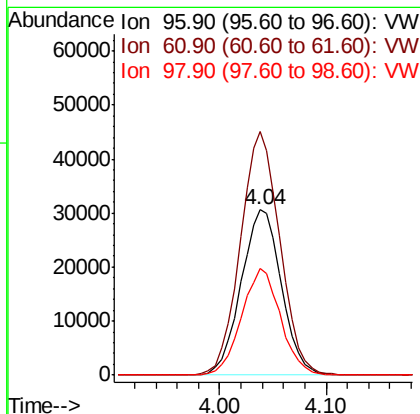
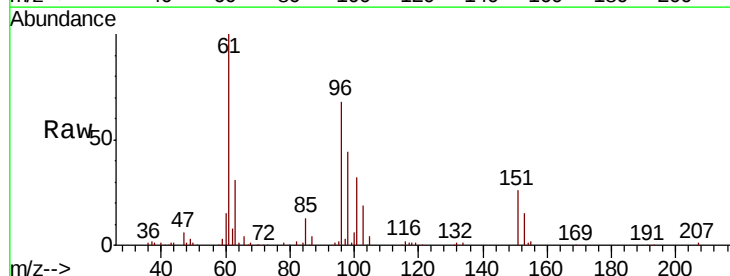
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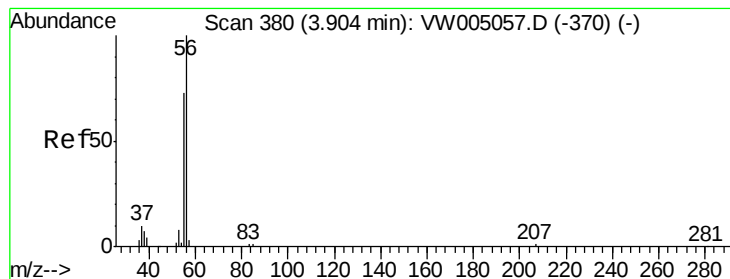


#12

1,1-Dichloroethene
 Concen: 21.78 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	96	Resp	80996
Ion Ratio	100	Lower	Upper
61	147.3	117.4	176.0
98	64.3	51.0	76.4





#13

Acrolein

Concen: 110.69 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion: 56 Resp: 27384

Ion Ratio Lower Upper

56 100

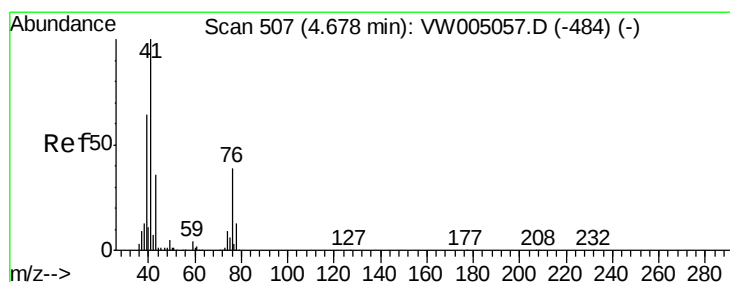
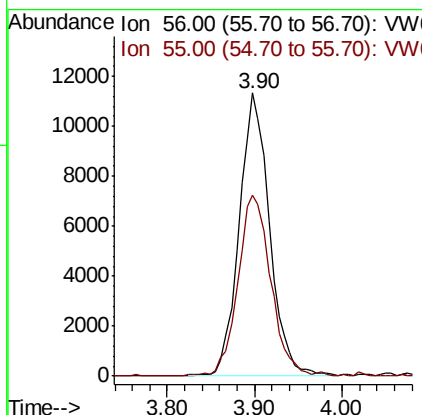
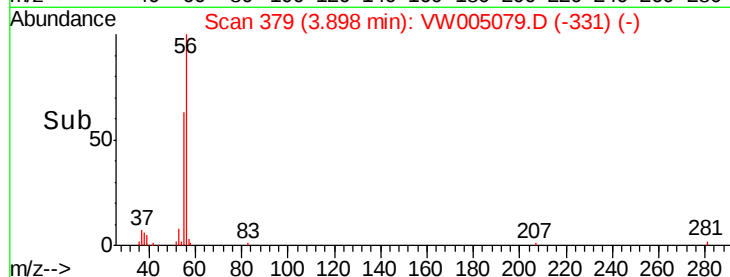
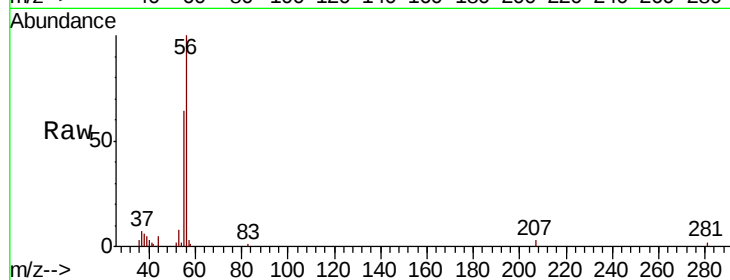
55 69.2 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 20.02 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

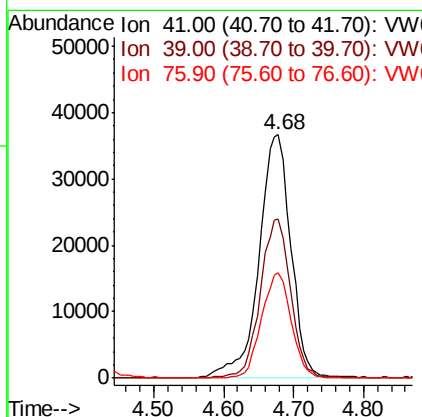
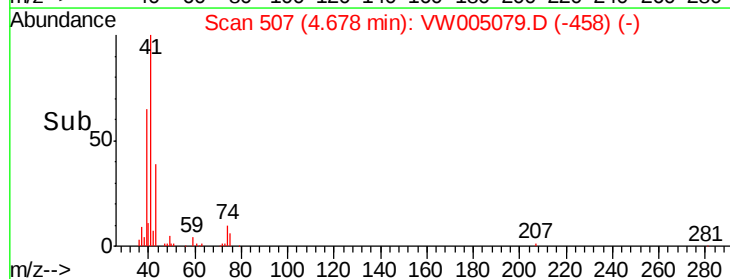
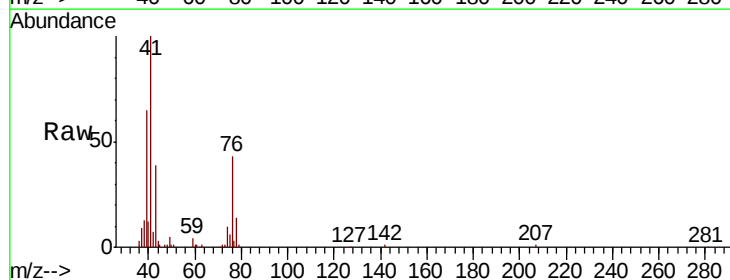
Tgt Ion: 41 Resp: 116360

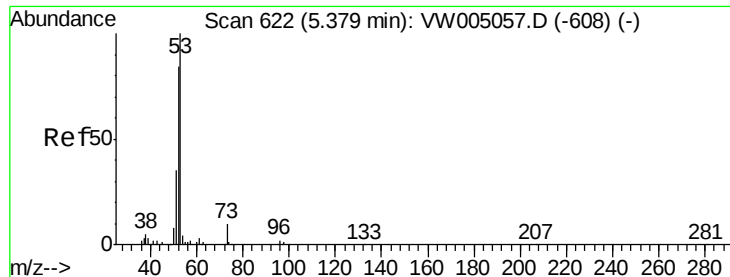
Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

76 40.2 31.8 47.6





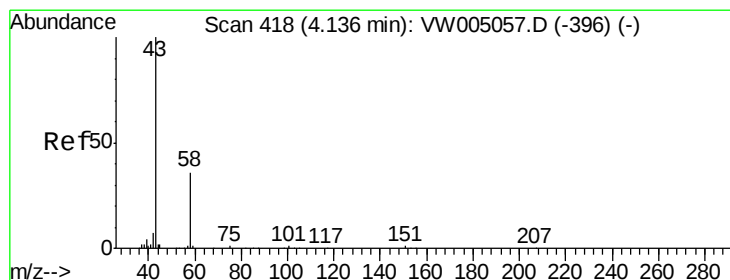
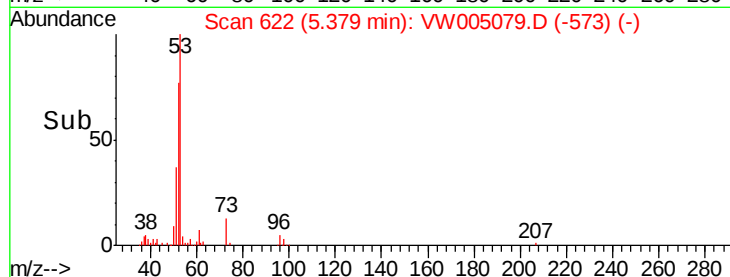
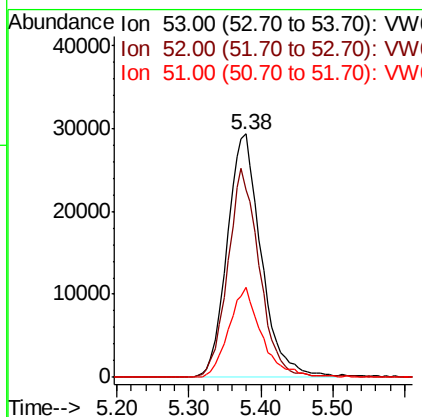
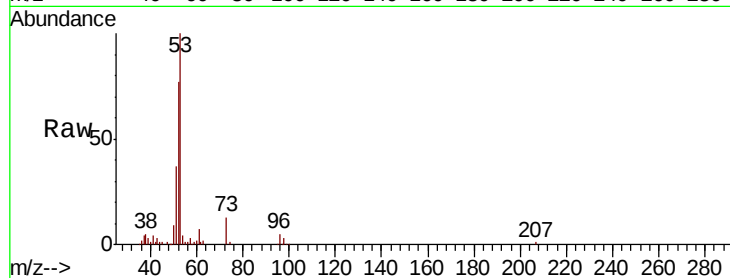
#15
 Acrylonitrile
 Concen: 107.24 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS01

Tot Ion:	53	Resp:	96265
Ion	Ratio	Lower	Upper
53	100		
52	79.4	65.7	98.5
51	35.6	28.8	43.2

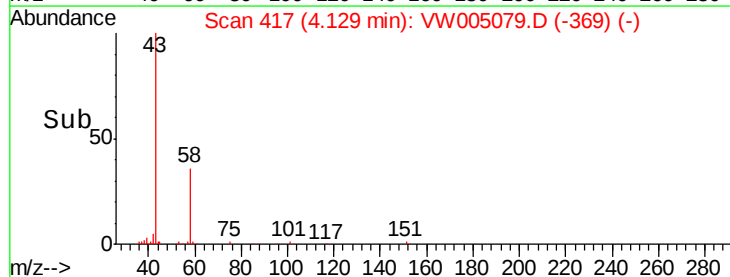
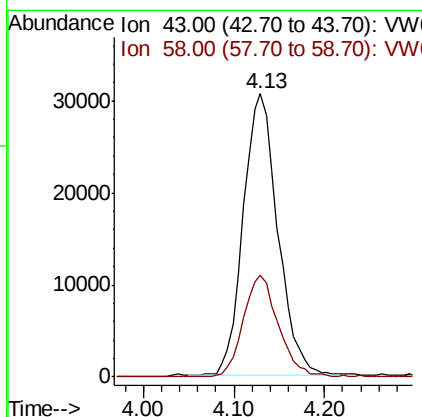
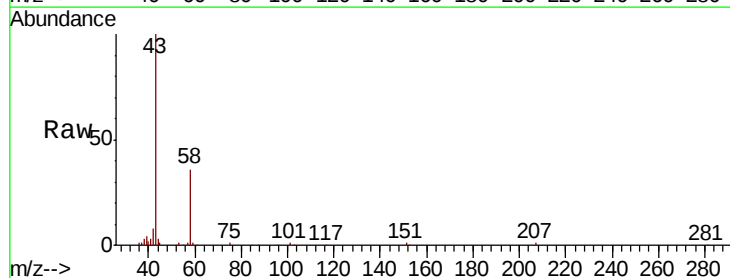
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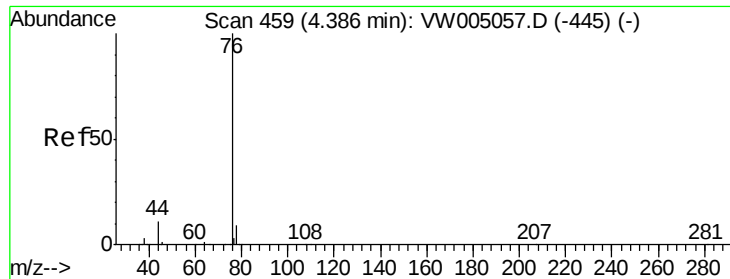
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#16
 Acetone
 Concen: 104.82 ug/l
 RT: 4.13 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion:	43	Resp:	80128
Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.0	43.6





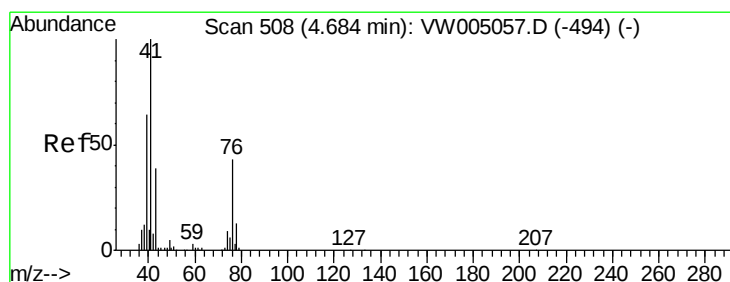
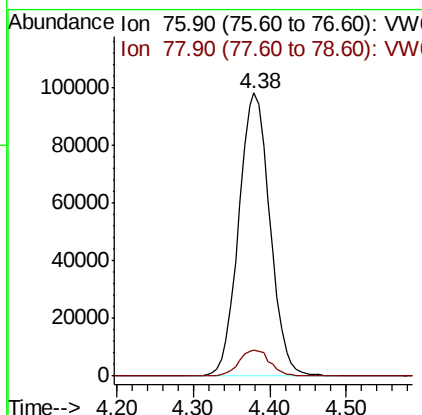
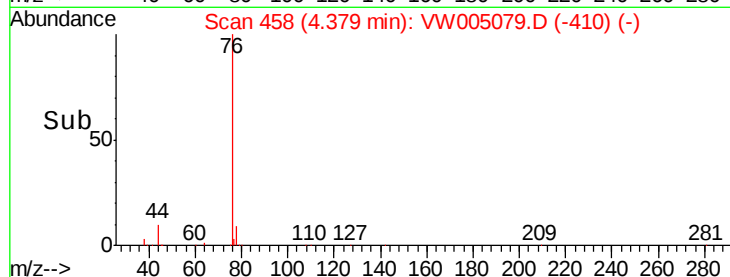
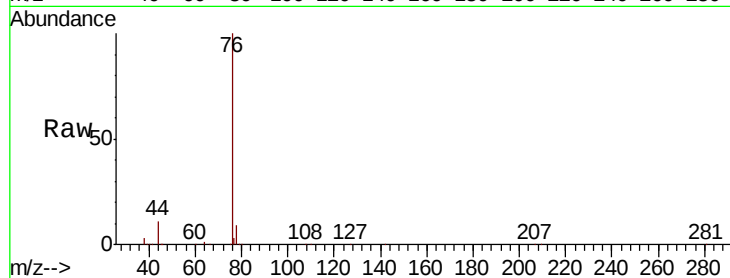
#17
Carbon Disulfide
Concen: 21.43 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

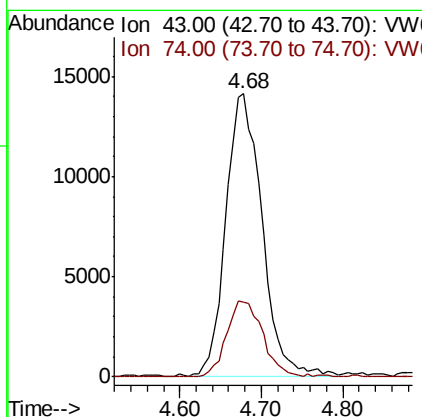
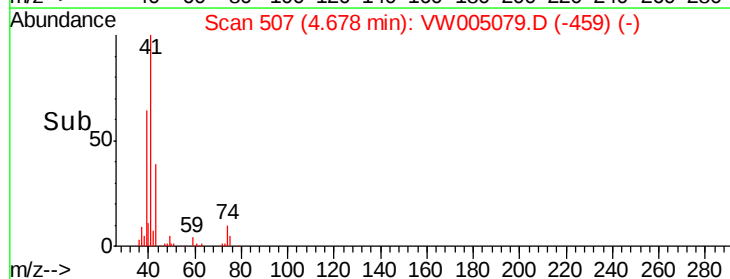
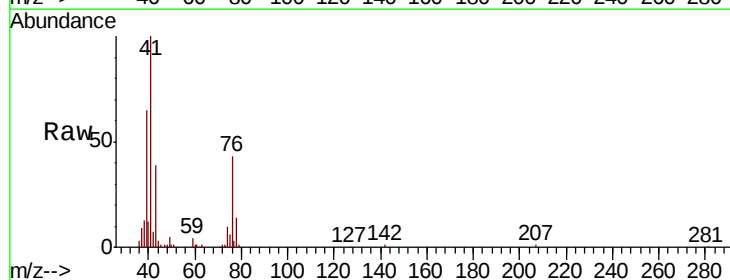
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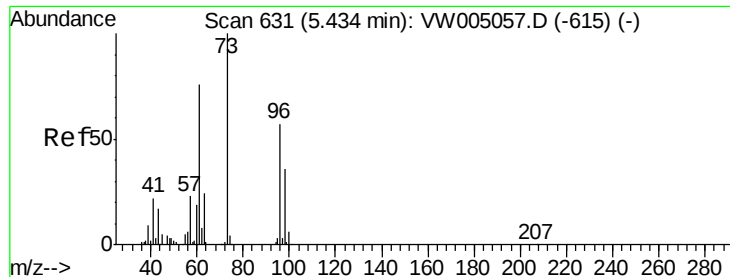
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#18
Methyl Acetate
Concen: 19.37 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	20.7	31.1





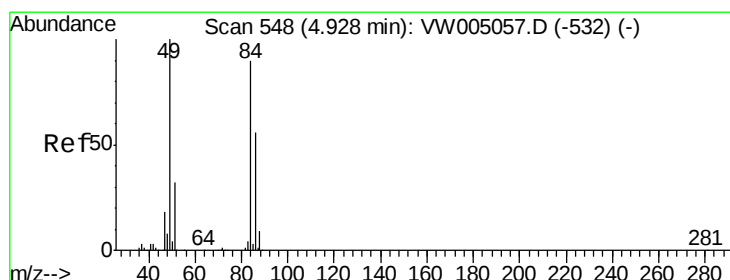
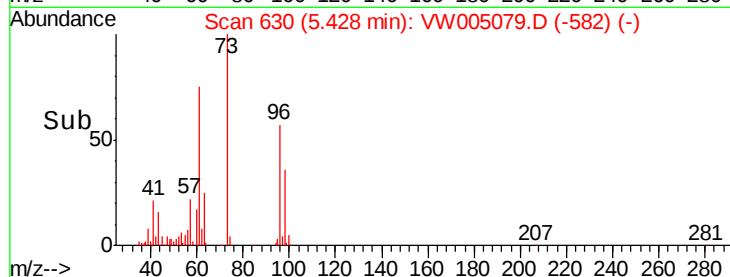
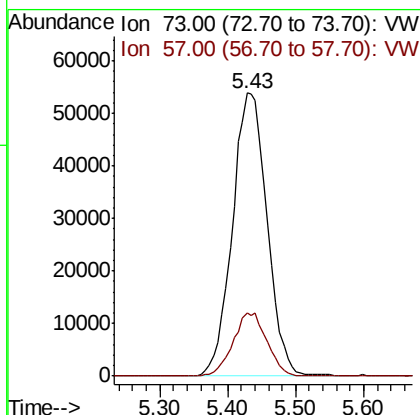
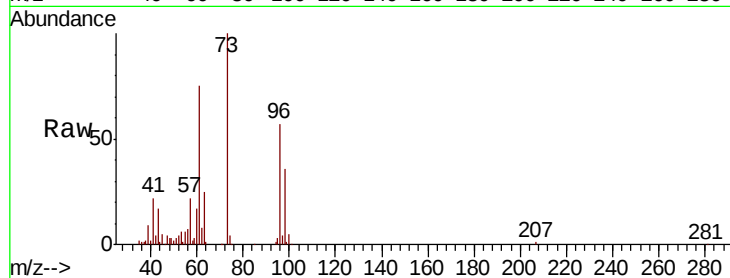
#19
Methvl tert-butvl Ether
Concen: 21.09 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion: 73 Resp: 190422
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1

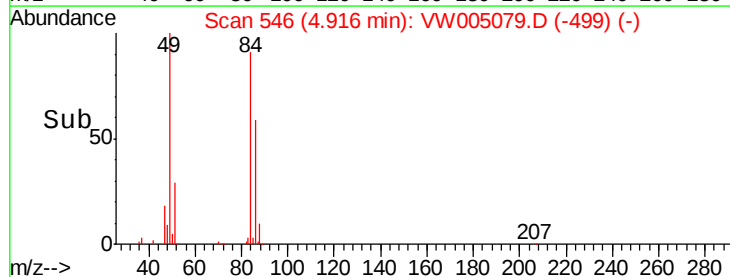
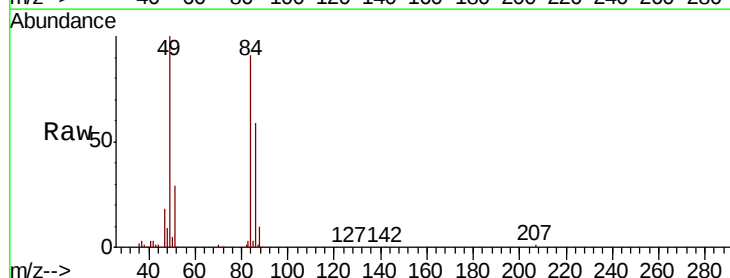
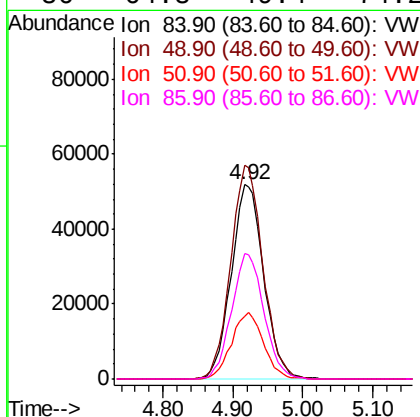
Manual Integrations
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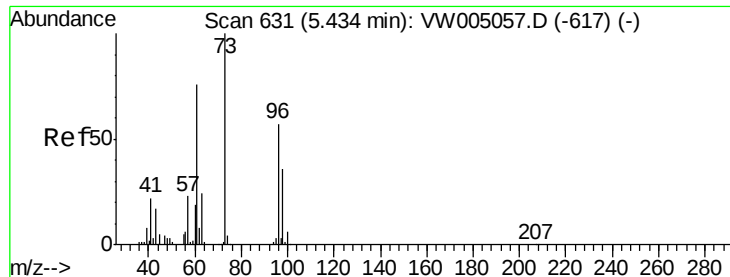
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#20
Methylene Chloride
Concen: 30.83 ug/l
RT: 4.92 min Scan# 546
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion: 84 Resp: 166926
Ion Ratio Lower Upper
84 100
49 110.1 88.7 133.1
51 32.0 28.6 42.8
86 64.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.28 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampled :

VW0904SBS01

Tot Ion: 96 Resp: 91890

Ion Ratio Lower Upper

96 100

61 125.7 106.3 159.5

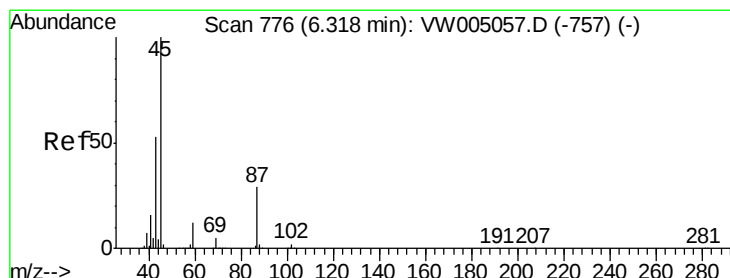
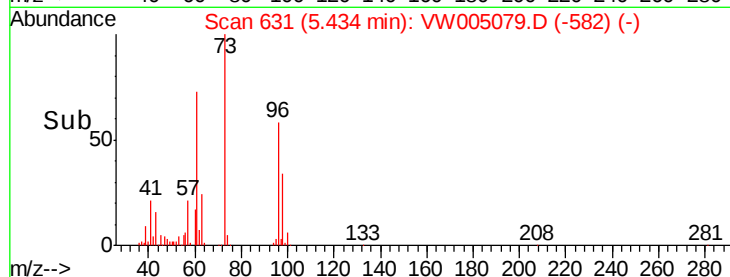
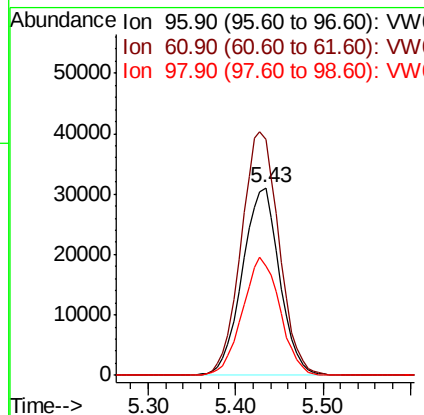
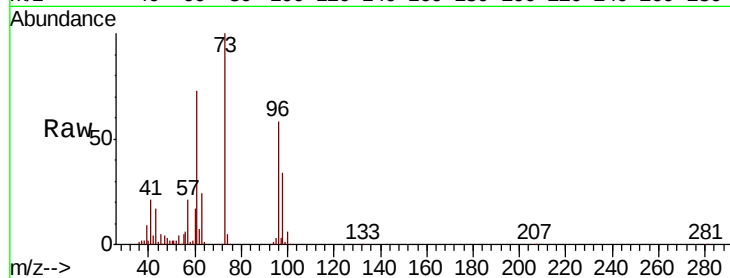
98 58.3 50.9 76.3

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.71 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion: 45 Resp: 241034

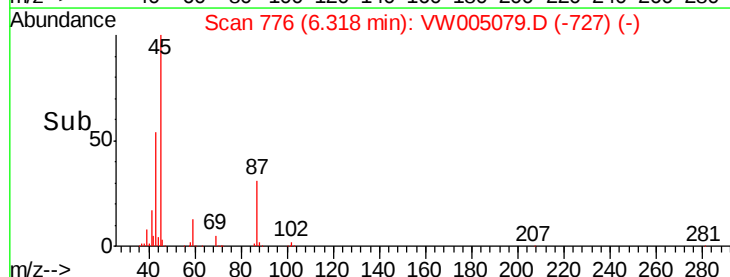
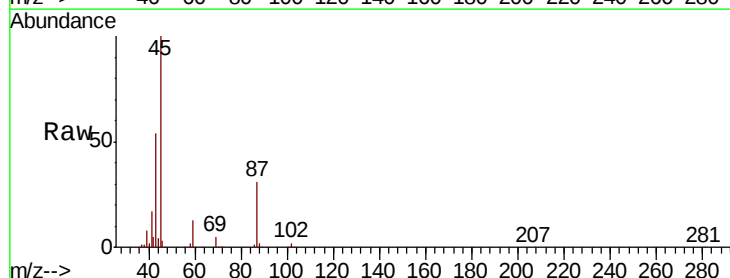
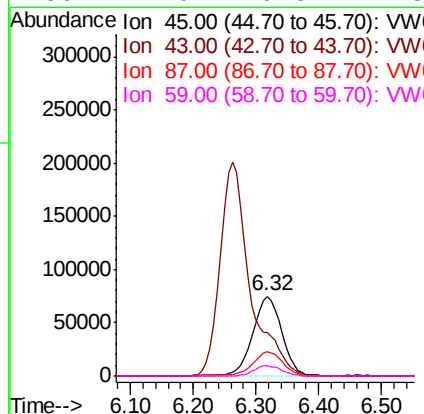
Ion Ratio Lower Upper

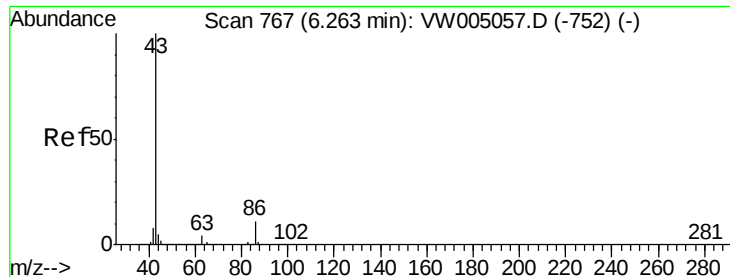
45 100

43 54.0 42.6 63.8

87 31.1 23.6 35.4

59 12.9 9.8 14.8





#23

Vinyl Acetate

Concen: 103.60 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampled :

VW0904SBS01

Tot Ion: 43 Resp: 665528

Ion Ratio Lower Upper

43 100

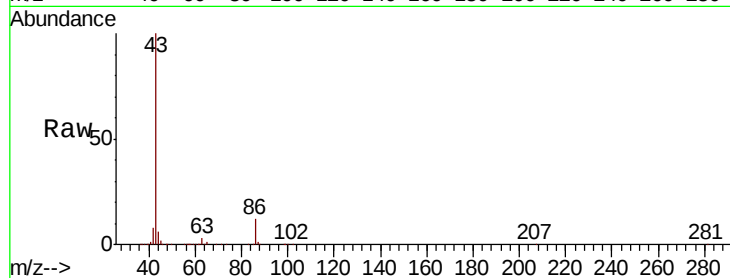
86 11.6 9.0 13.4

Manual Integrations

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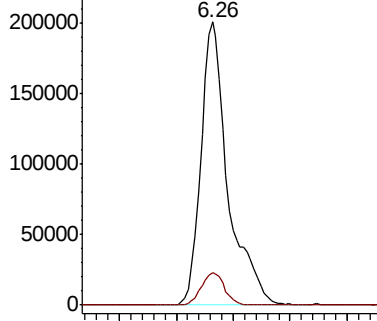
apatel

9/5/2018 10:02:15 AM

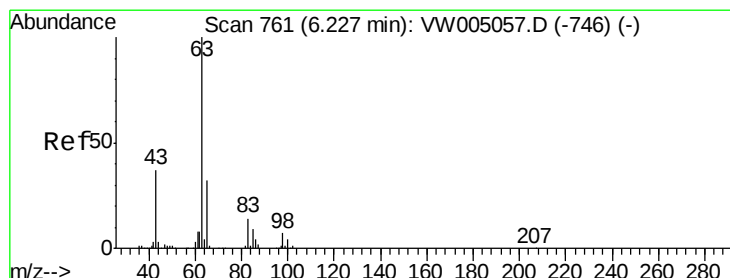
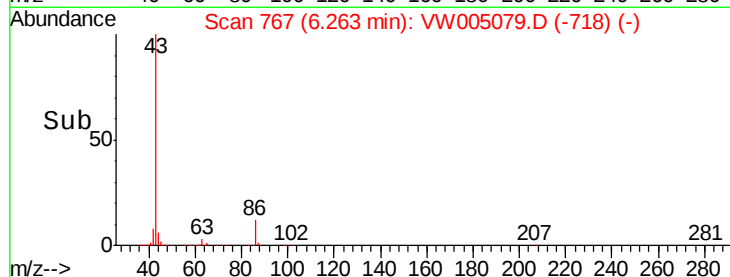


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 19.82 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

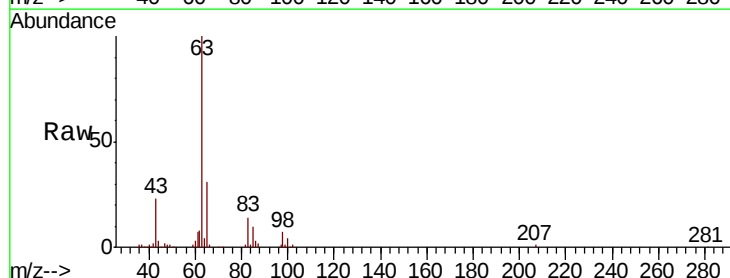
Tgt Ion: 63 Resp: 151508

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

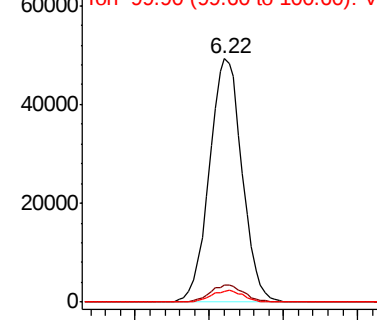
100 4.3 2.2 6.6



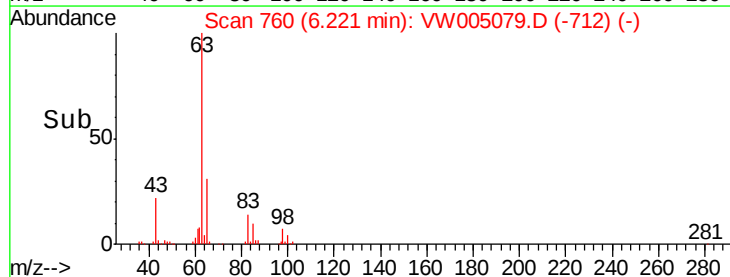
Abundance Ion 62.90 (62.60 to 63.60): VW

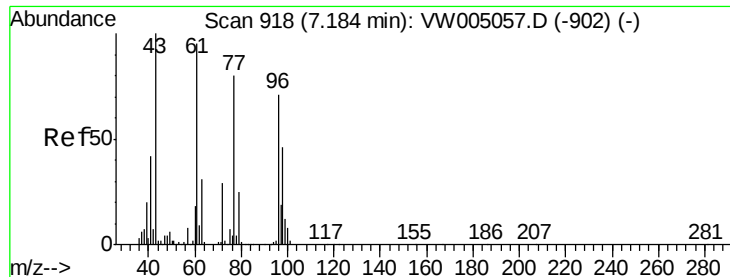
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 101.96 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion: 43 Resp: 135180

Ion Ratio Lower Upper

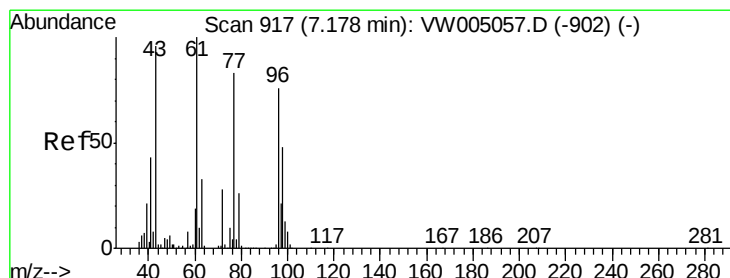
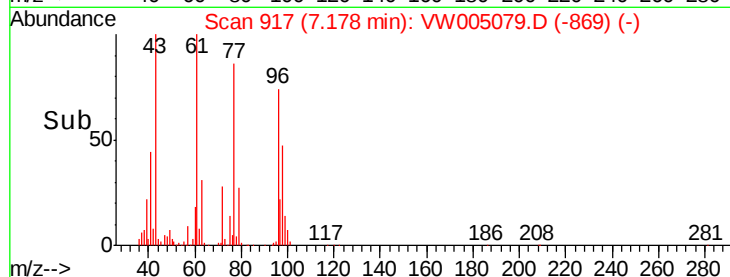
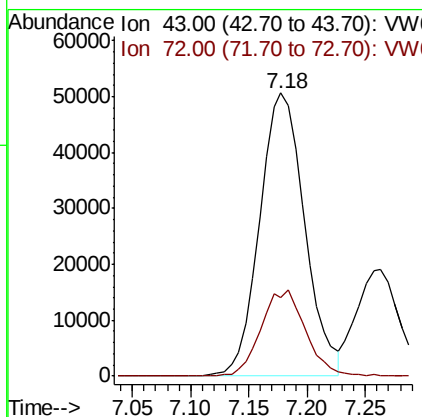
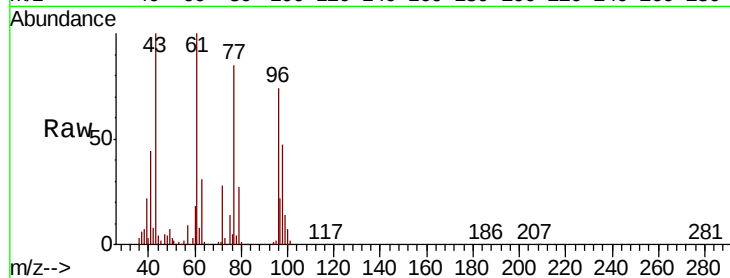
43 100

72 27.9 23.1 34.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 21.12 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005079.D

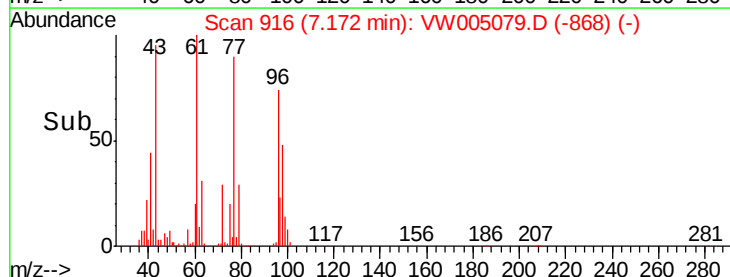
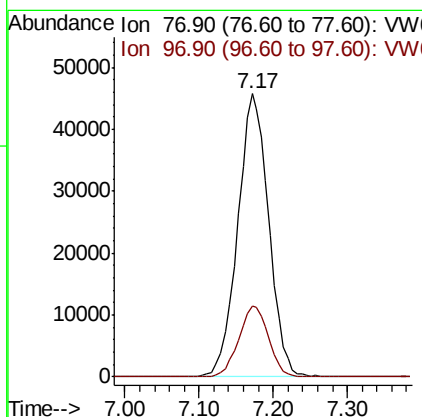
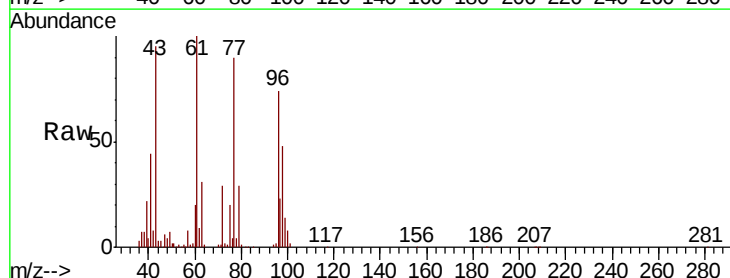
Acq: 04 Sep 2018 15:07

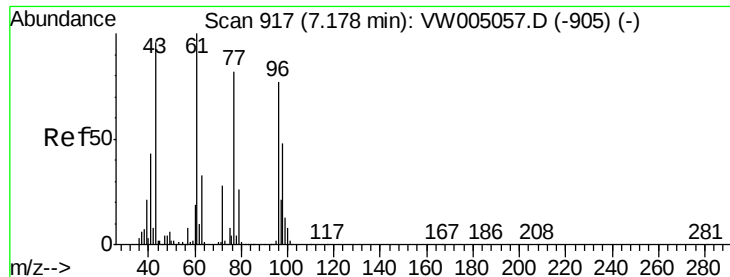
Tgt Ion: 77 Resp: 132677

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6





#27

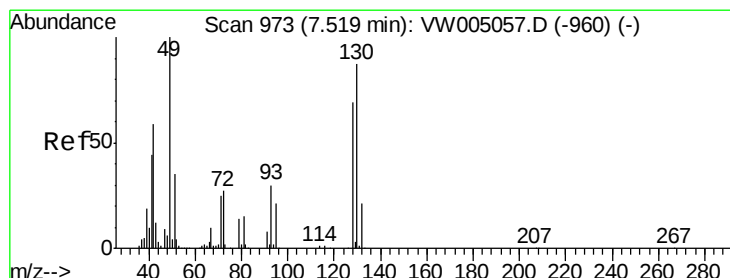
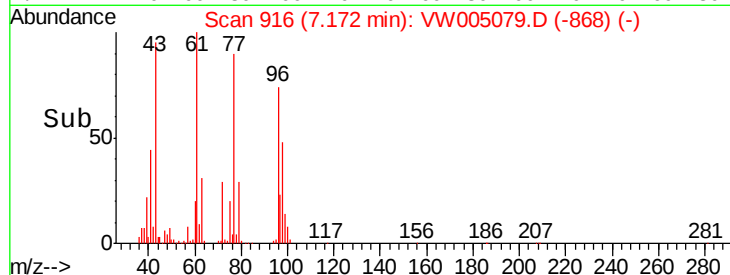
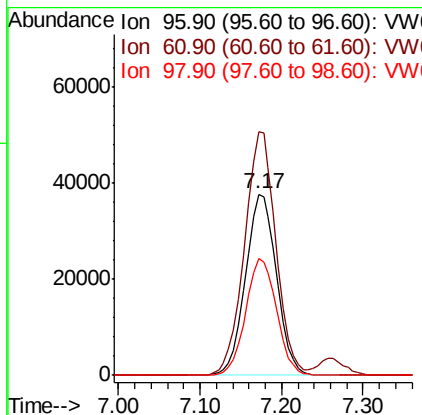
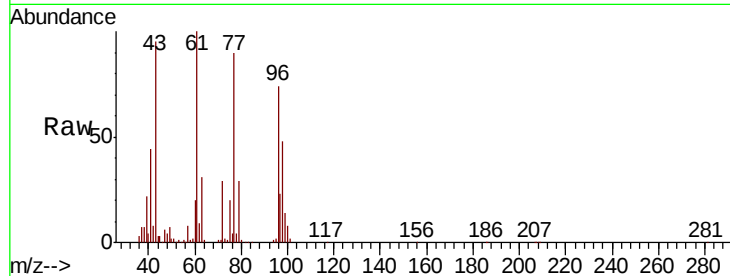
cis-1,2-Dichloroethene
 Concen: 20.19 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	100054		
61	136.2		0.0	273.2
98	64.0		0.0	127.8

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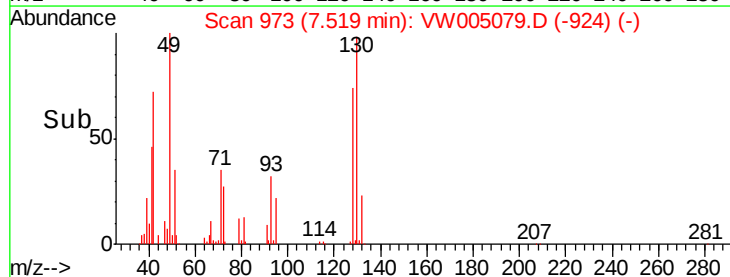
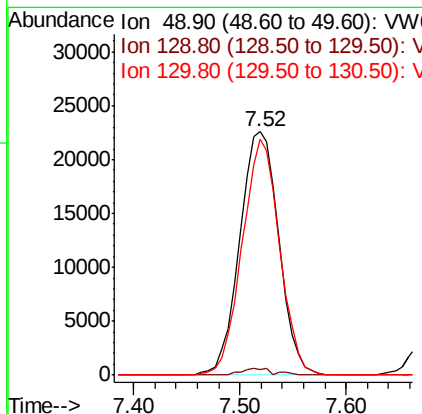
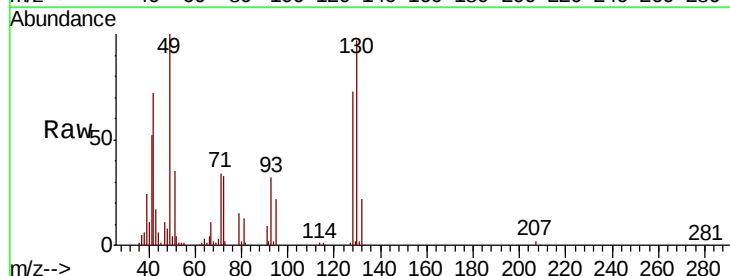
apatel
 9/5/2018 10:02:15 AM

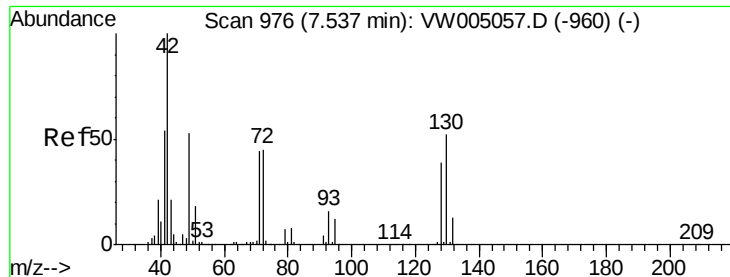


#28

Bromochloromethane
 Concen: 18.95 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	58317		
129	2.1		0.0	4.4
130	92.3		69.6	104.4





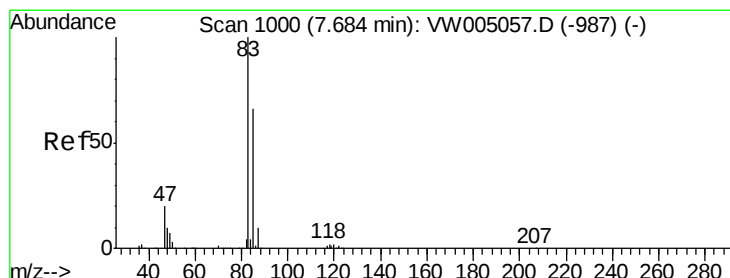
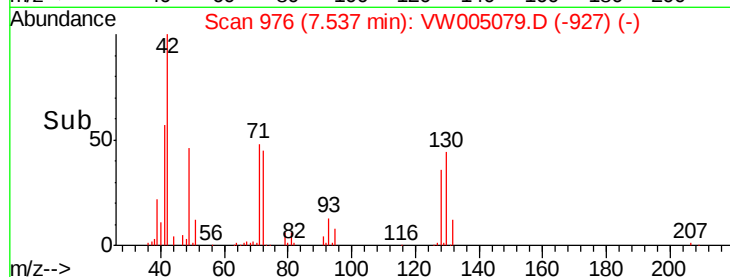
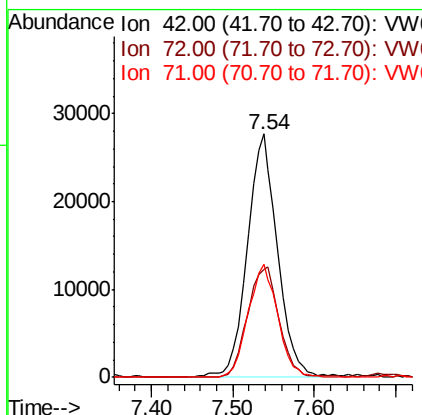
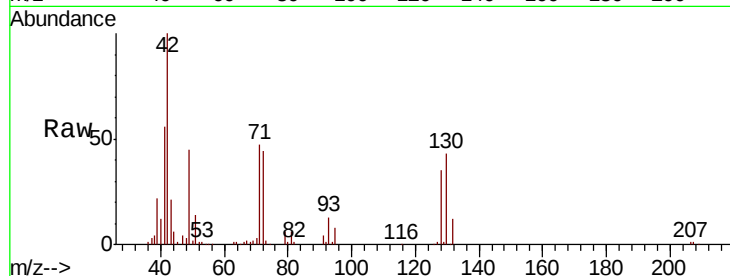
#29
Tetrahydrofuran
Concen: 105.57 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.0	55.4
71	45.4	35.0	52.6

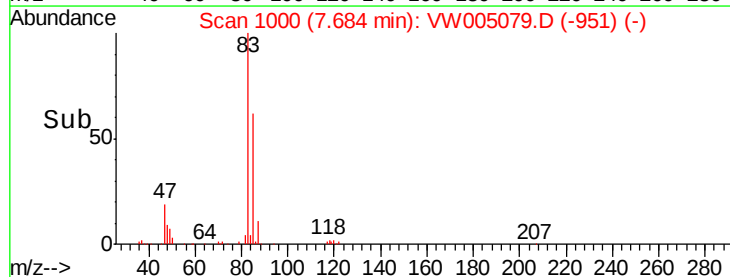
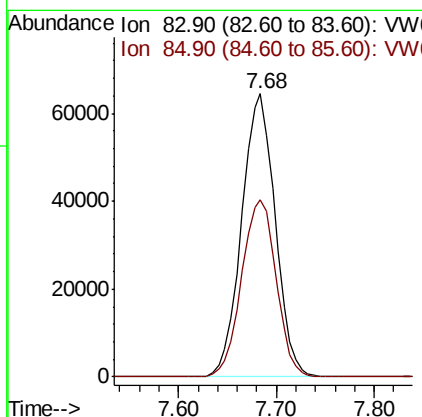
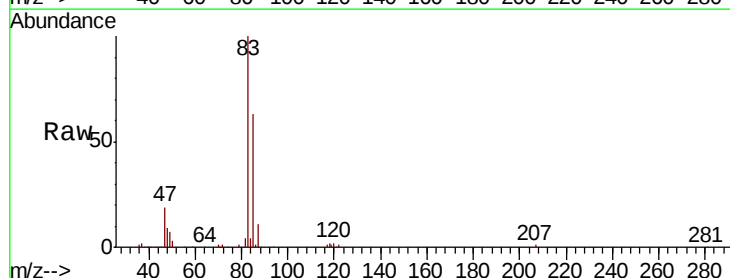
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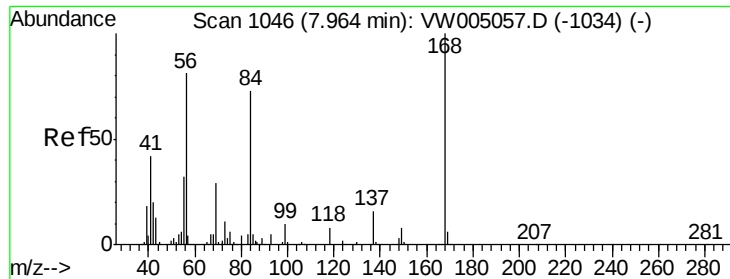
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#30
Chloroform
Concen: 19.69 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	53.1	79.7





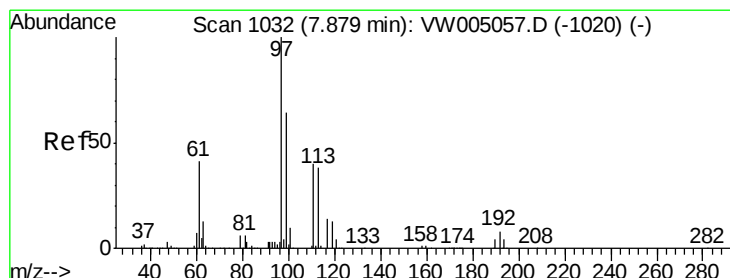
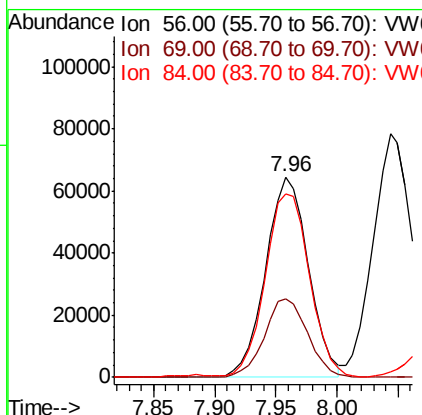
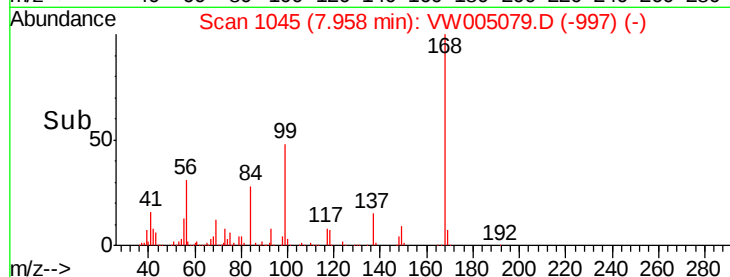
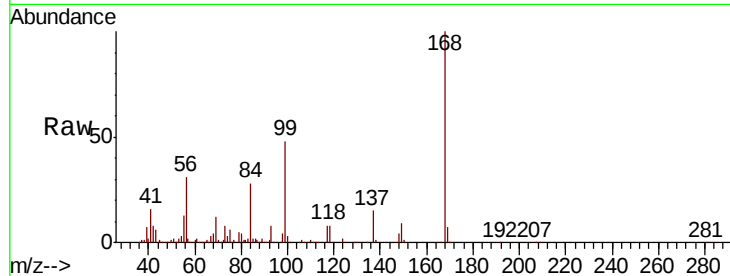
#31
Cyclohexane
Concen: 21.02 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.2	28.2	42.2
84	90.1	71.8	107.8

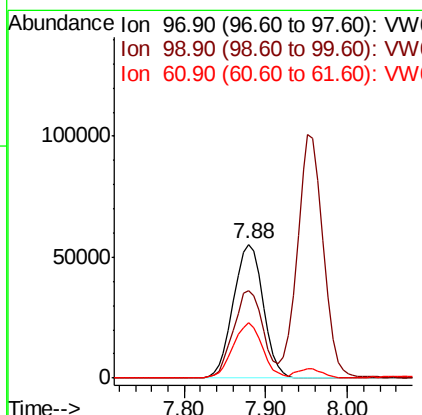
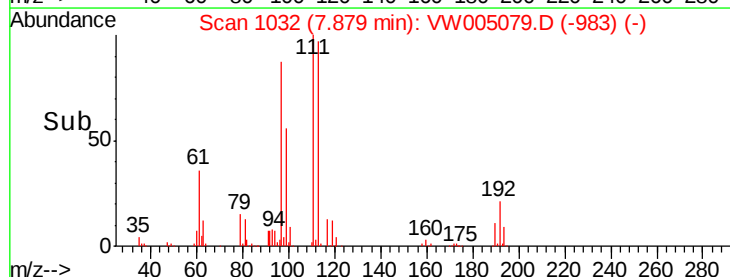
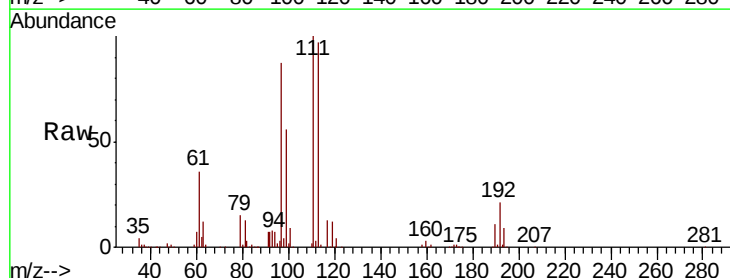
Manual Integrations
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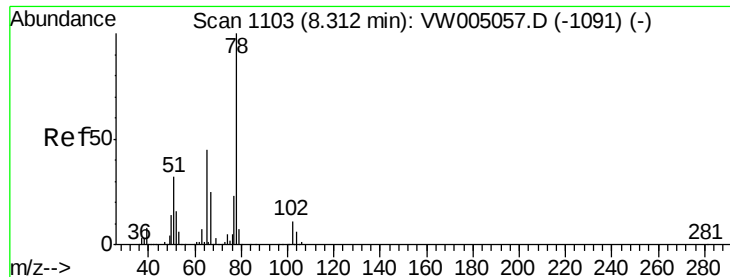
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.71 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	40.4	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 48.90 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion: 65 Resp: 186396

Ion Ratio Lower Upper

65 100

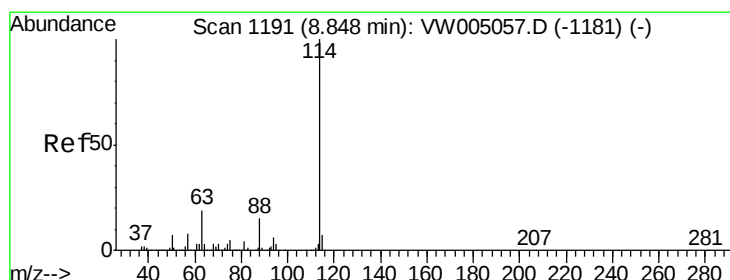
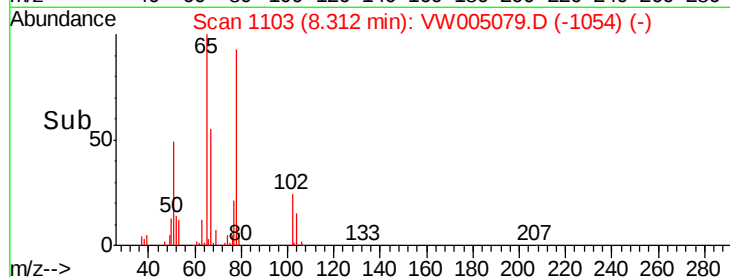
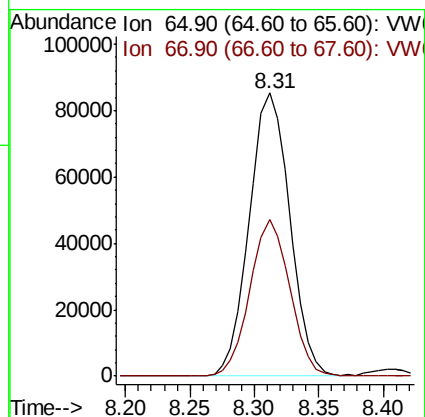
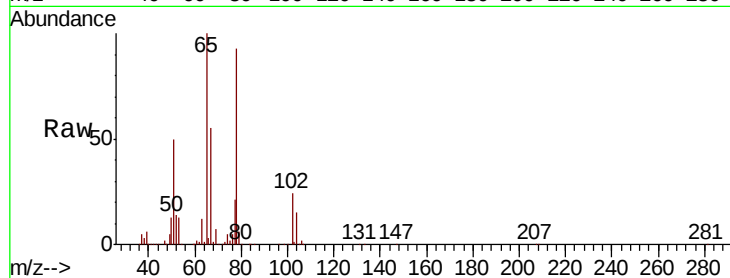
67 54.4 0.0 109.4

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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: VW005079.D

Acq: 04 Sep 2018 15:07

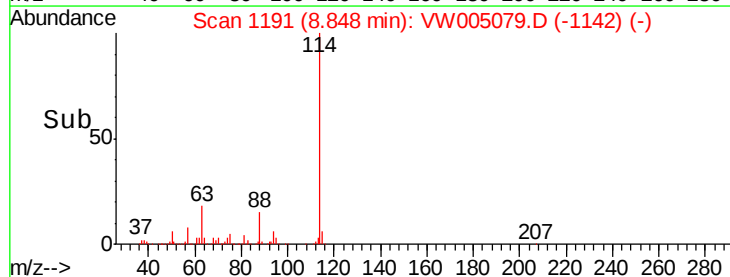
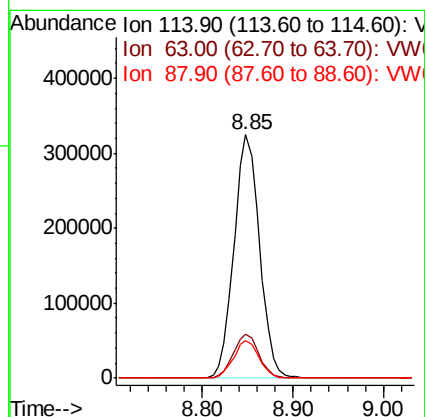
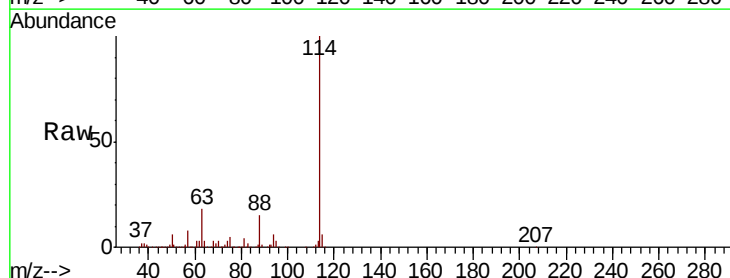
Tgt Ion: 114 Resp: 637430

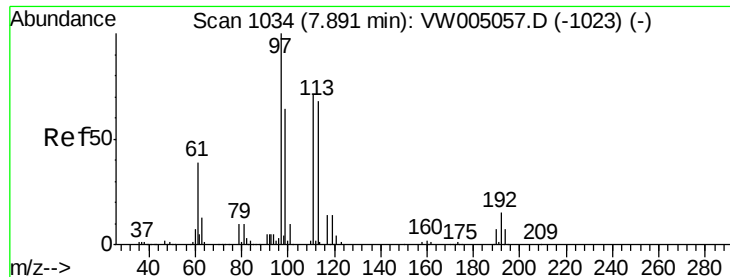
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.0

88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.85 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

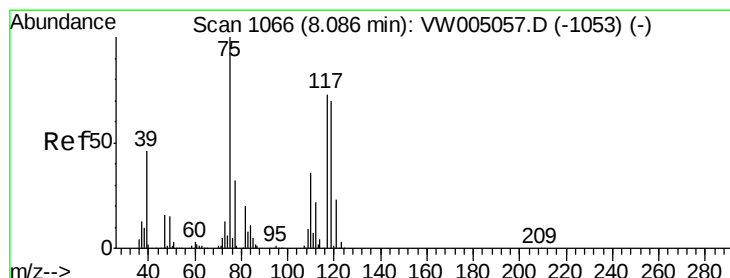
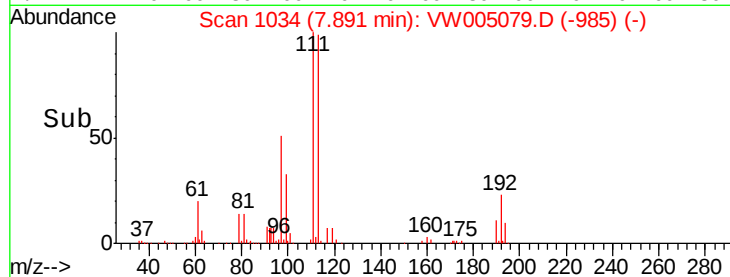
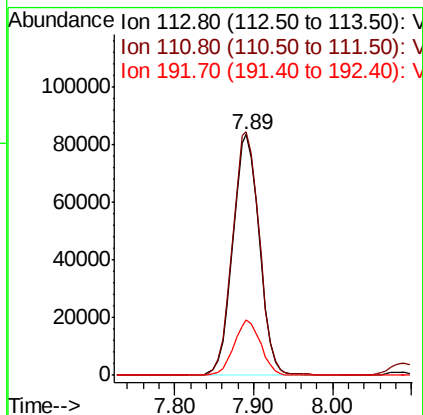
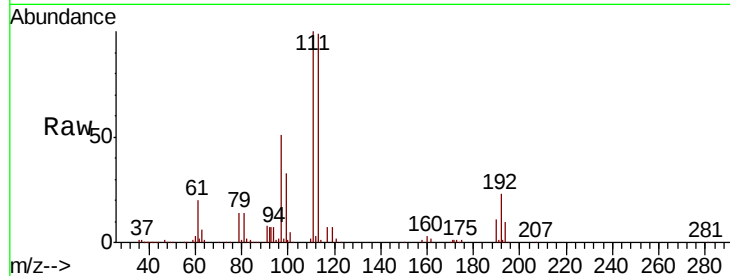
ClientSampled :

VW0904SBS01

Tot Ion:	113	Resp:	194669
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.2	123.2
192	23.1	18.1	27.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 22.39 ug/l

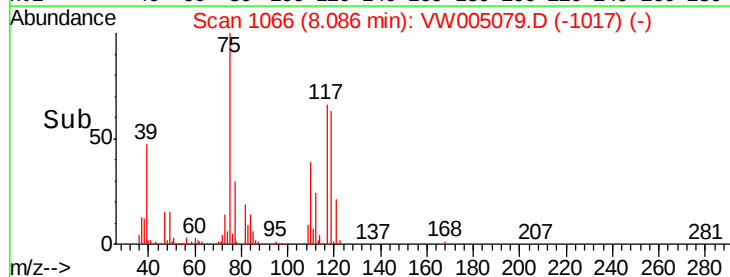
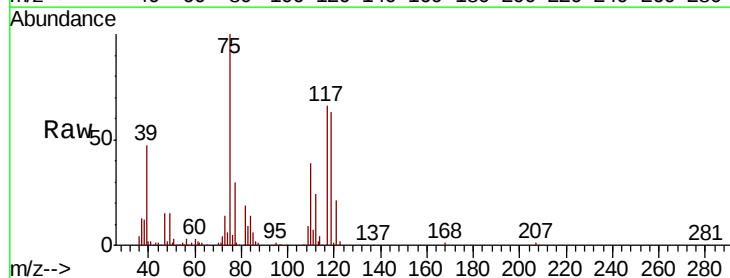
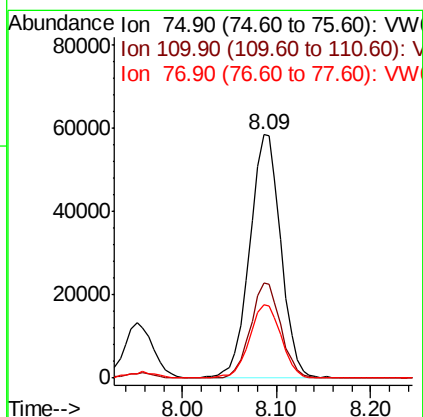
RT: 8.09 min Scan# 1066

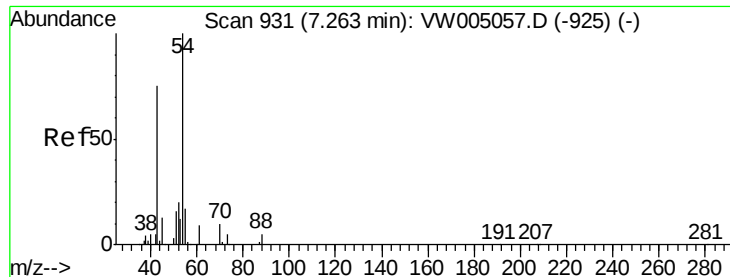
Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion:	75	Resp:	135898
Ion Ratio	Lower	Upper	
75	100		
110	37.9	18.9	56.7
77	31.0	25.5	38.3





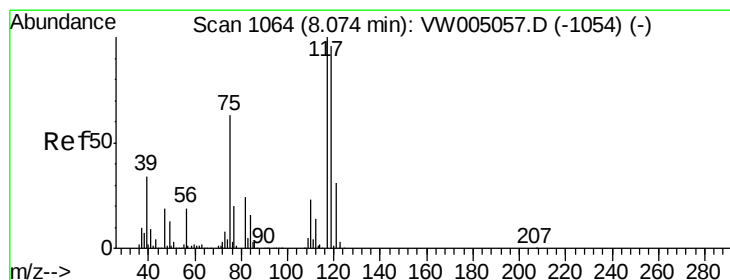
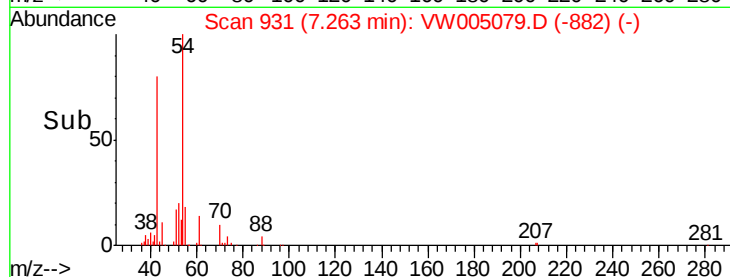
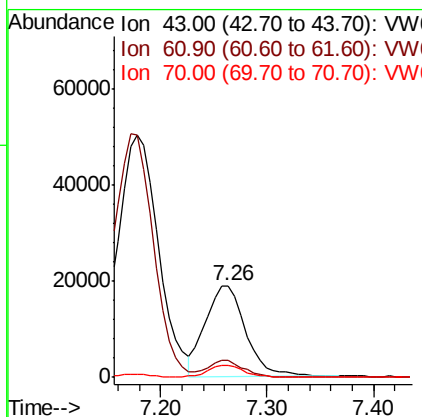
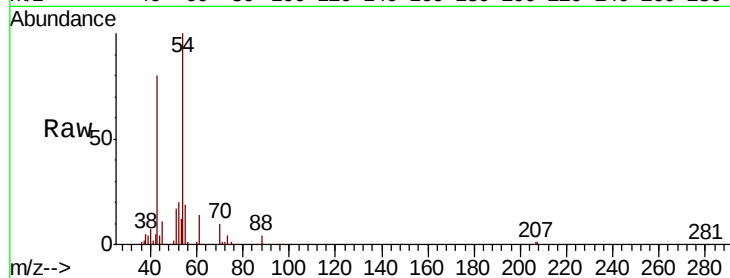
#37
Ethyl Acetate
Concen: 21.80 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	12.0	9.4	14.2

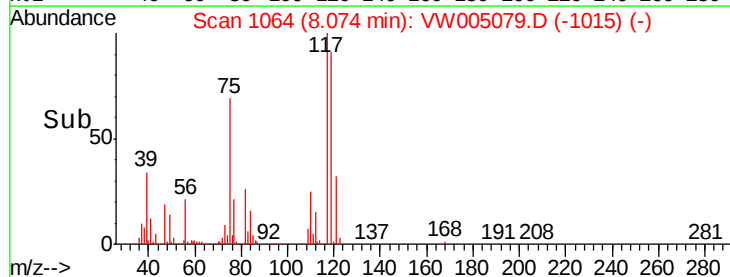
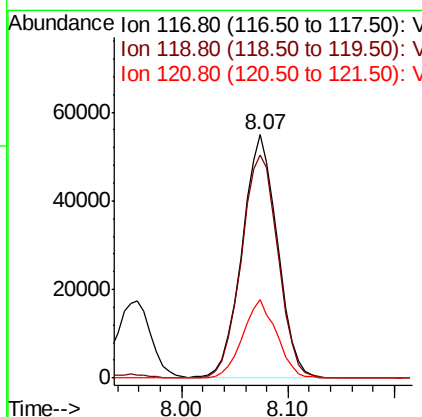
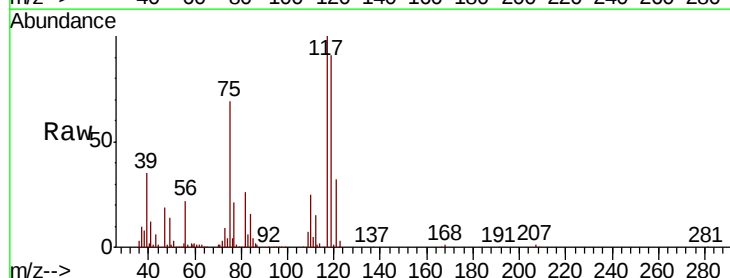
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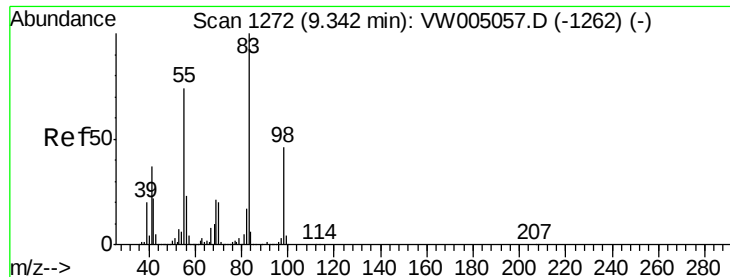
apatel
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#38
Carbon Tetrachloride
Concen: 22.15 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.6	115.0
121	32.5	24.8	37.2





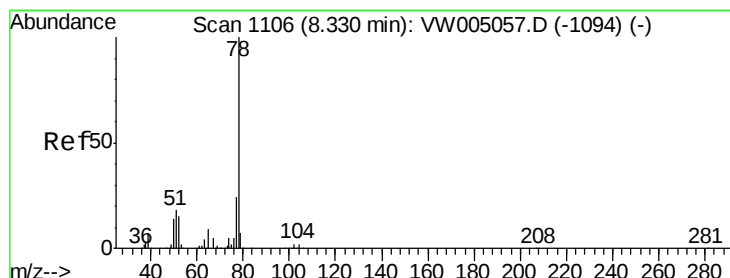
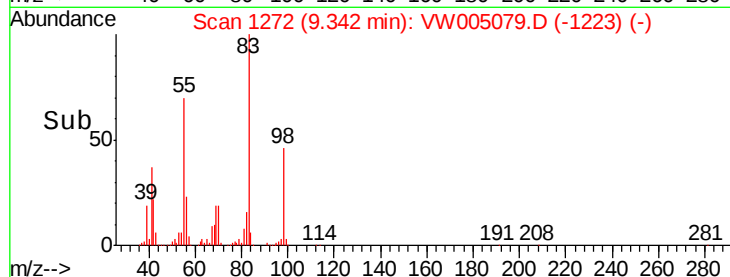
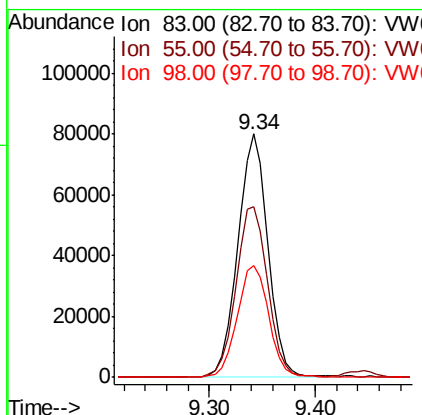
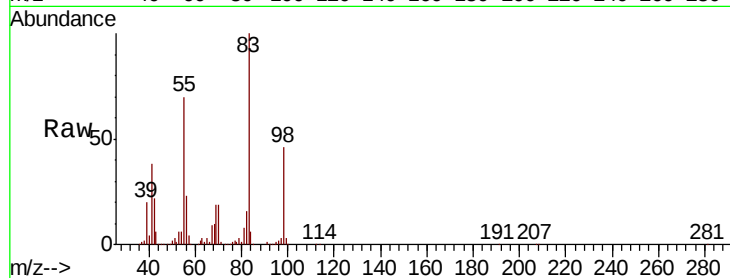
#39
Methvlcvclohexane
Concen: 21.61 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.2	58.9	88.3
98	46.0	36.8	55.2

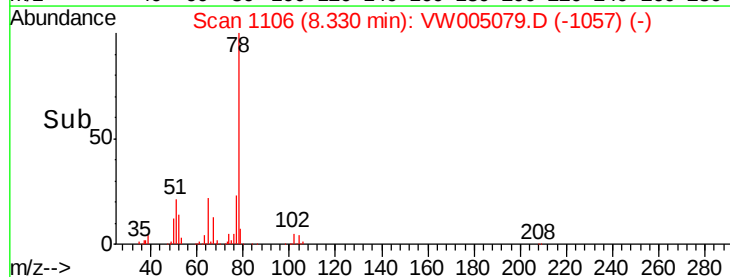
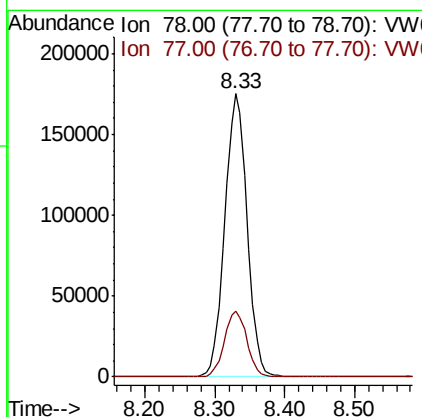
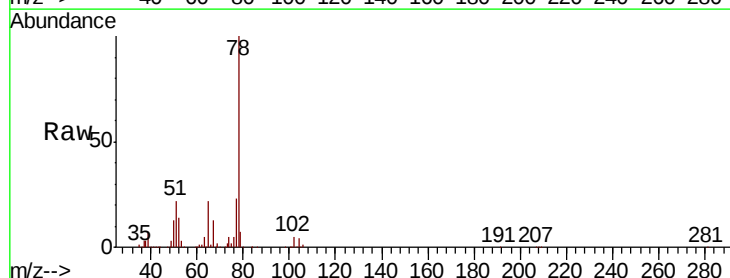
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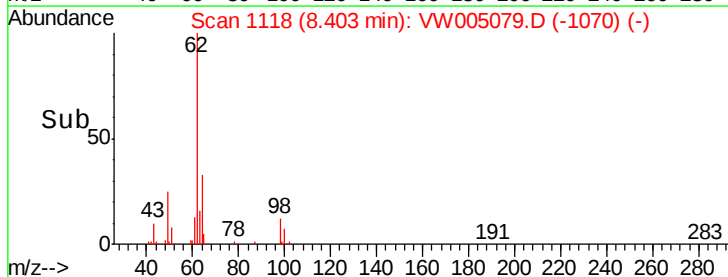
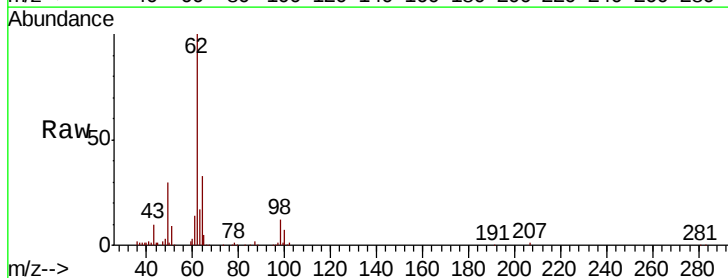
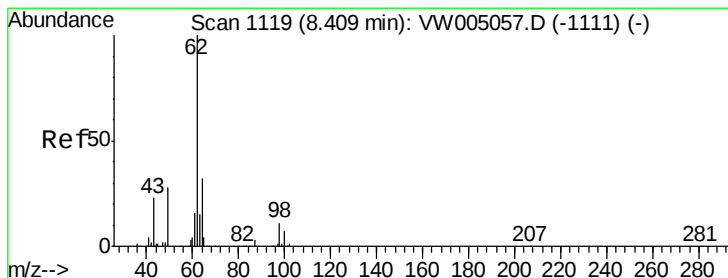
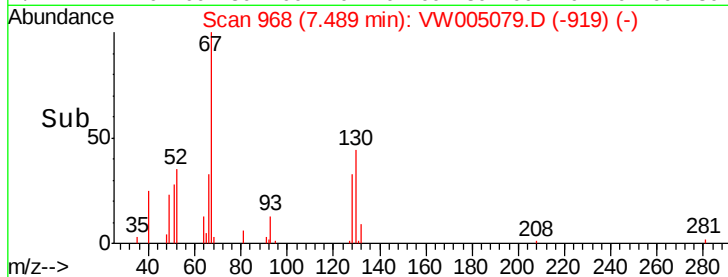
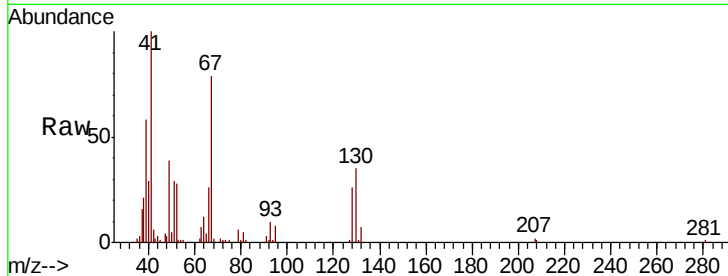
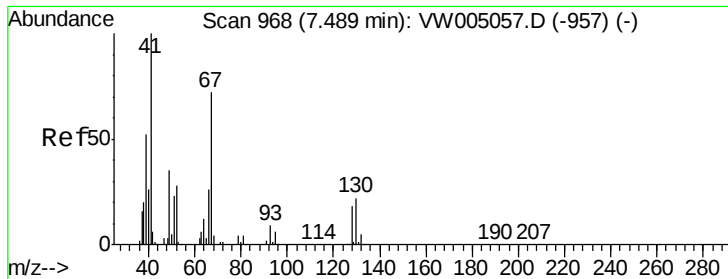
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#40
Benzene
Concen: 20.81 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





#41

Methacrylonitrile

Concen: 17.37 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		22848		
39	70.0	41.8	62.8#		
67	100.1	60.4	90.6#		
52	38.7	23.8	35.8#		

Instrument :

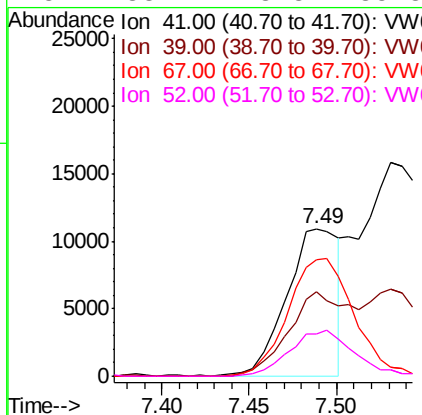
MSVOA_W

ClientSampleId :

VW0904SBS01

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#42

1,2-Dichloroethane

Concen: 20.55 ug/l

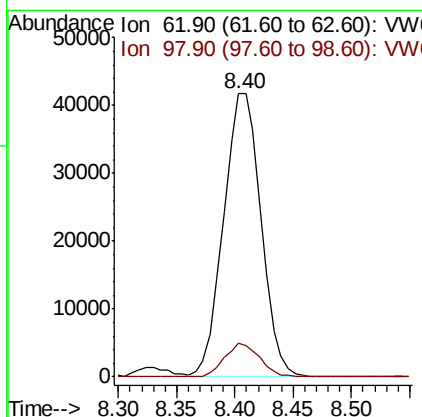
RT: 8.40 min Scan# 1118

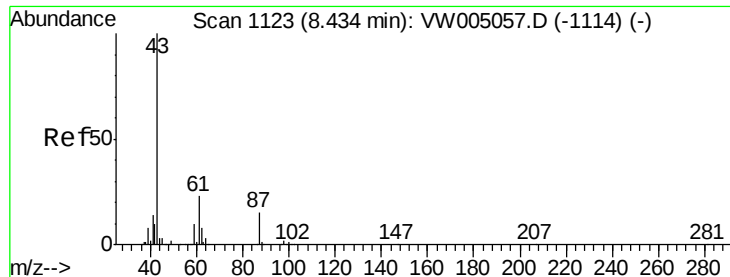
Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		93454		
98	11.0	0.0	21.8		





#43

Isopropyl Acetate

Concen: 20.97 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

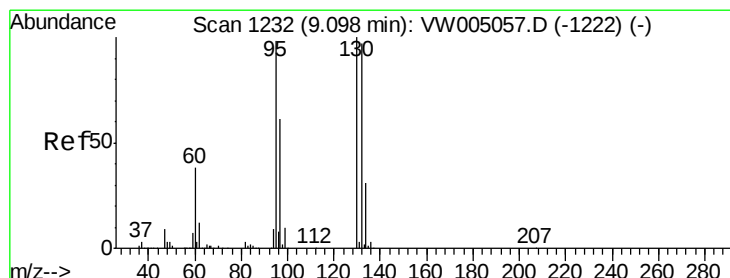
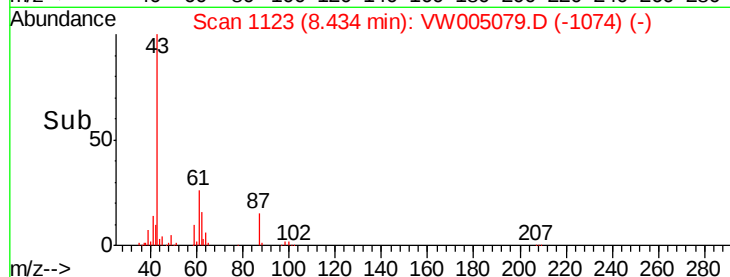
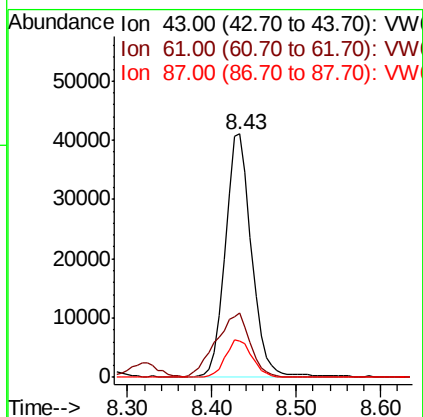
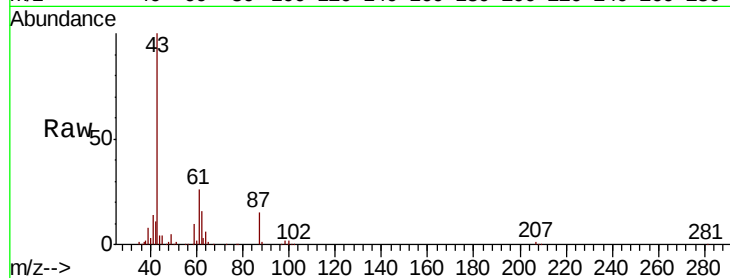
ClientSampleId :

VW0904SBS01

Tot Ion:	43	Resp:	86643
Ion	Ratio	Lower	Upper
43	100		
61	34.6	26.8	40.2
87	15.9	11.6	17.4

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#44

Trichloroethene

Concen: 21.79 ug/l

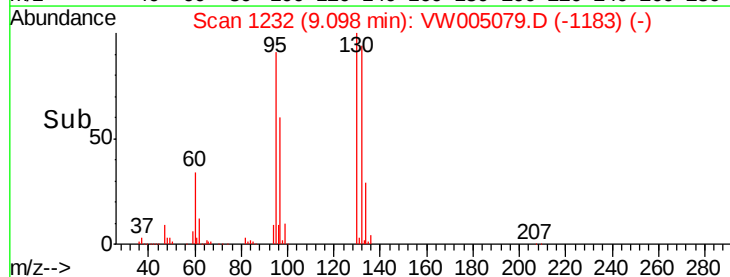
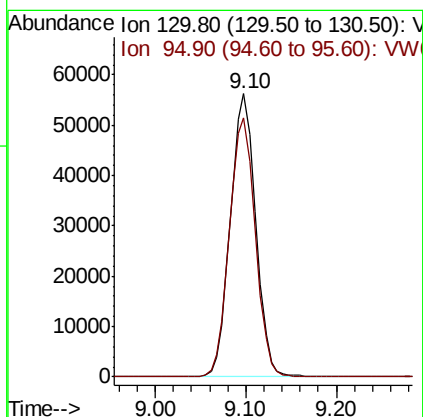
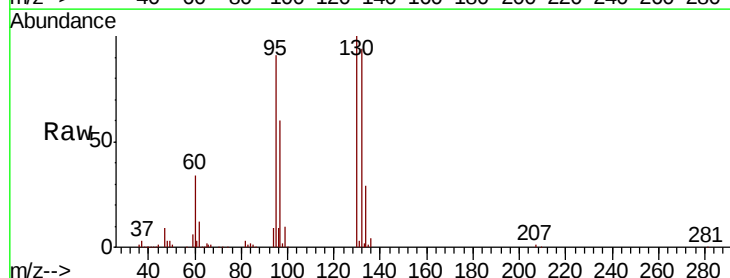
RT: 9.10 min Scan# 1232

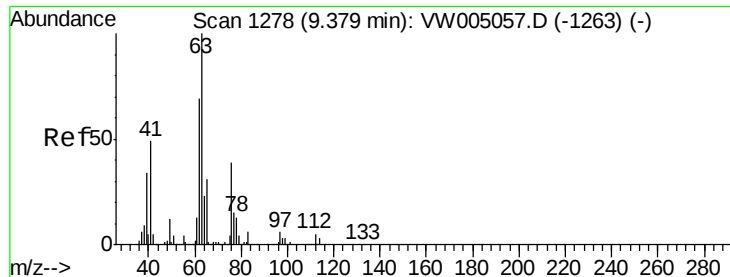
Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion:	130	Resp:	109242
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	195.2





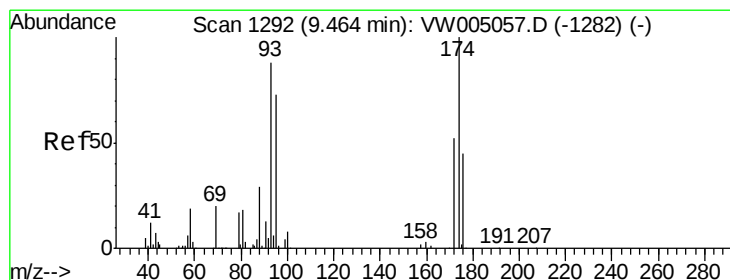
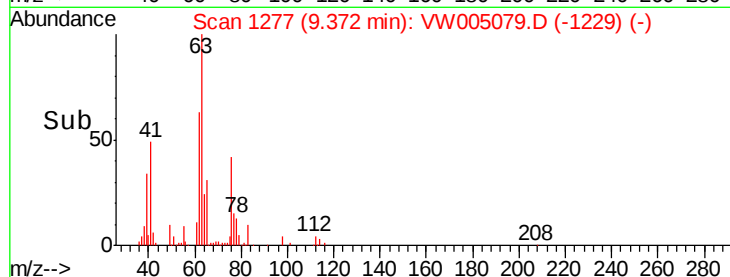
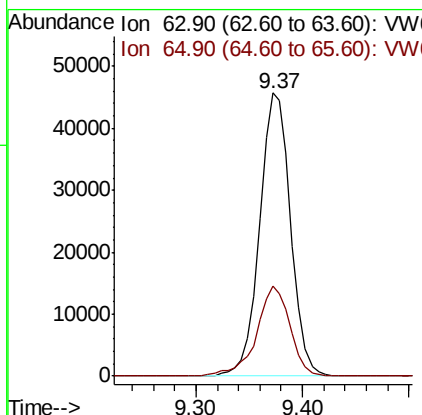
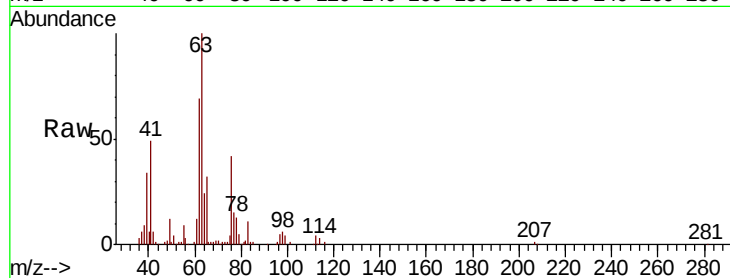
#45
 1,2-Dichloropropane
 Concen: 20.42 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampled :
 VW0904SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.6	37.0

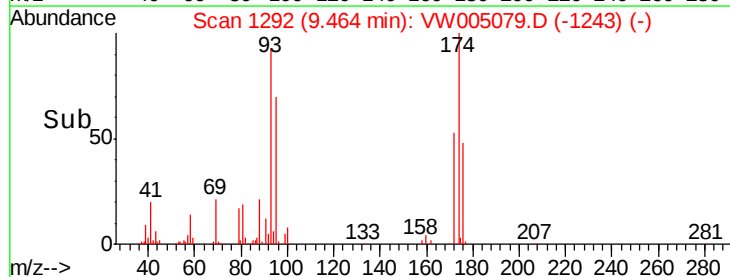
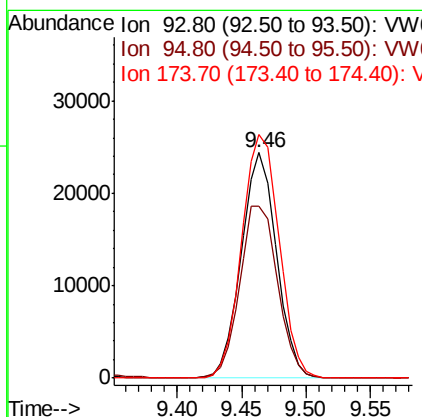
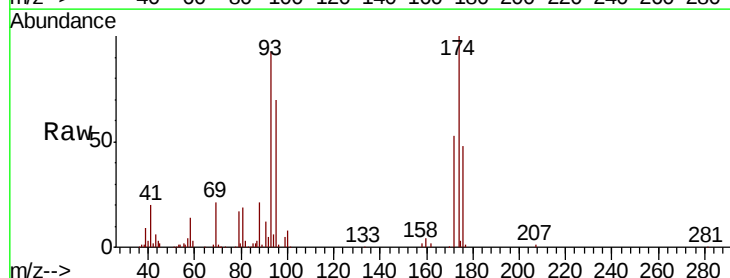
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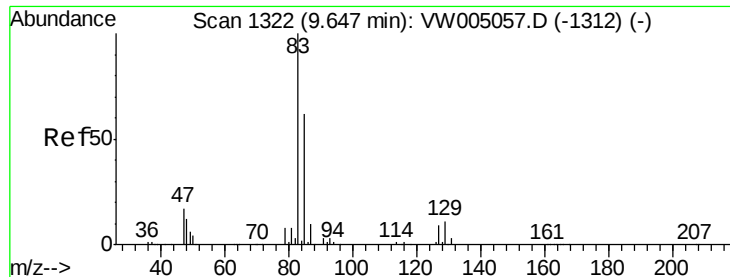
apatel
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#46
 Dibromomethane
 Concen: 21.25 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.2	99.4
174	114.5	92.0	138.0





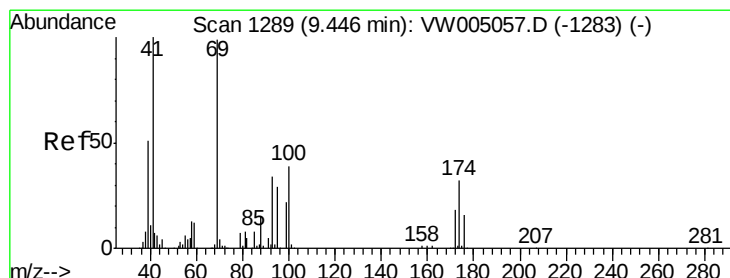
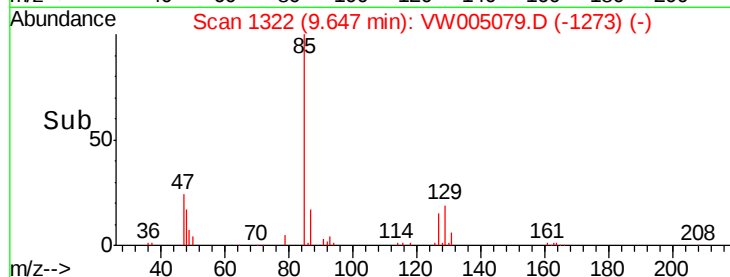
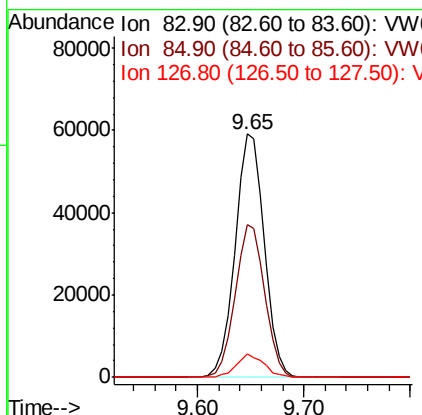
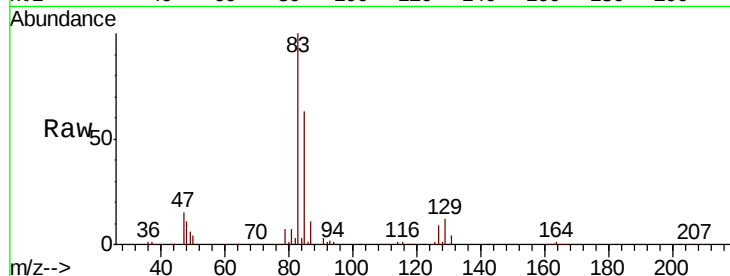
#47
Bromodichloromethane
Concen: 20.80 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.6	49.8	74.6	
127	9.5	7.0	10.4	

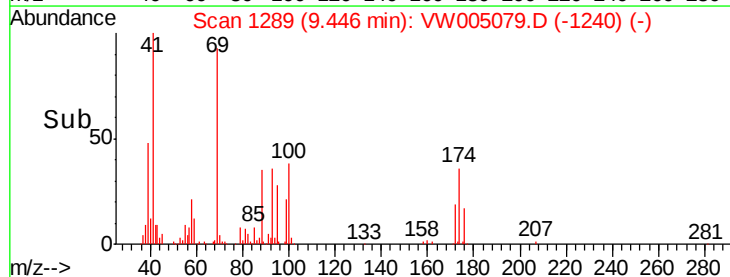
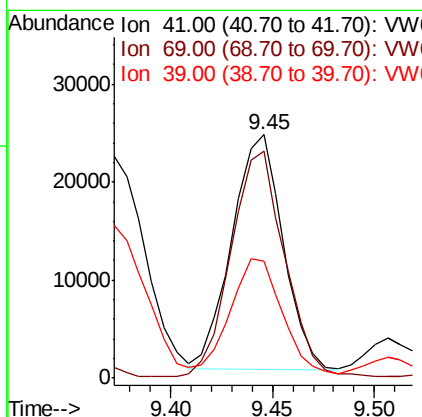
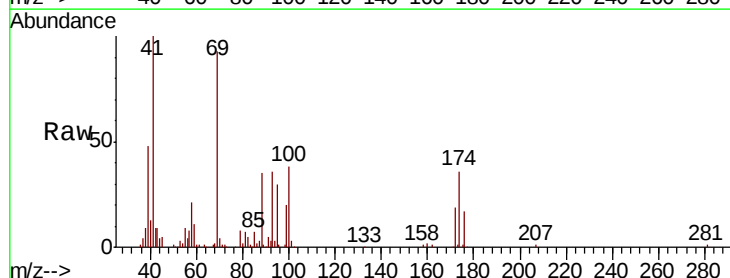
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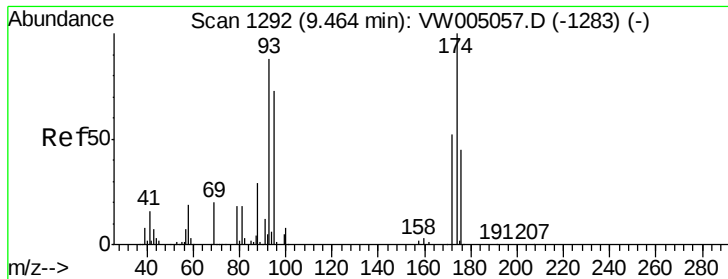
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#48
Methyl methacrylate
Concen: 20.98 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	101.4	80.4	120.6	
39	49.5	43.5	65.3	





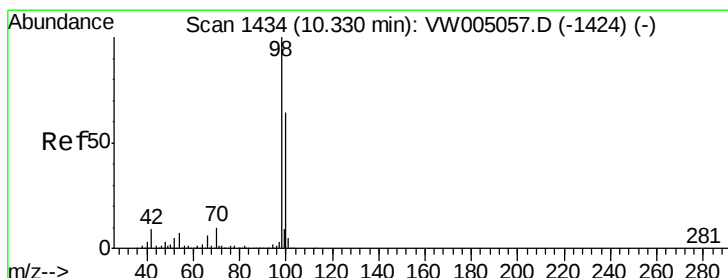
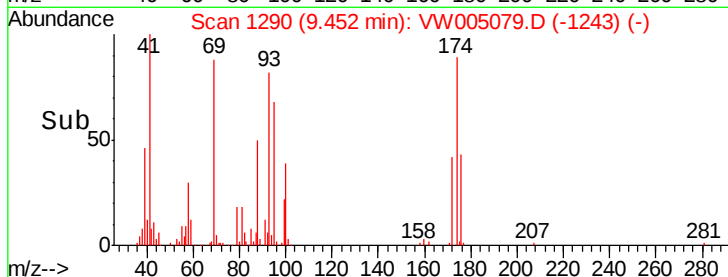
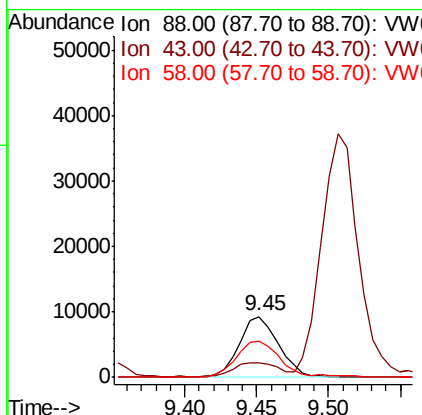
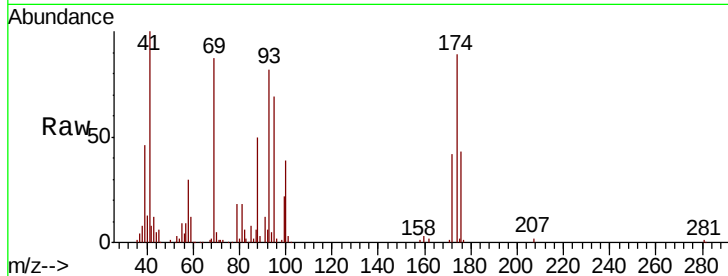
#49
1,4-Dioxane
Concen: 499.05 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	19.8	29.6
58	69.1	57.1	85.7

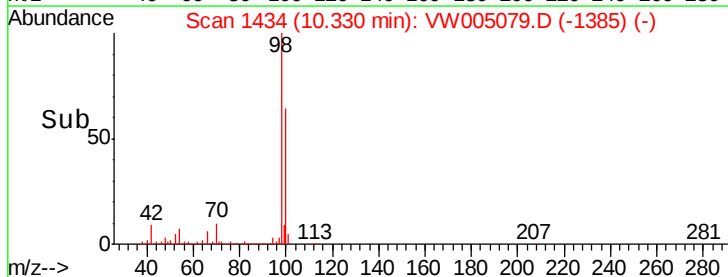
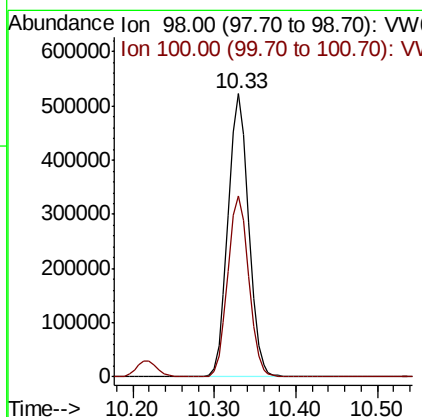
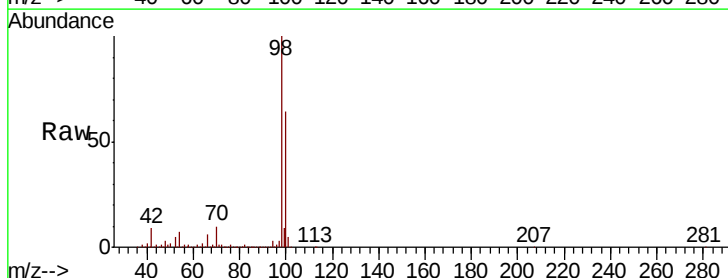
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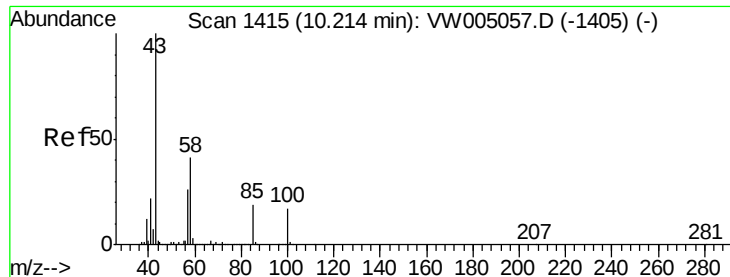
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#50
Toluene-d8
Concen: 53.51 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 109.80 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion: 43 Resp: 304030
Ion Ratio Lower Upper

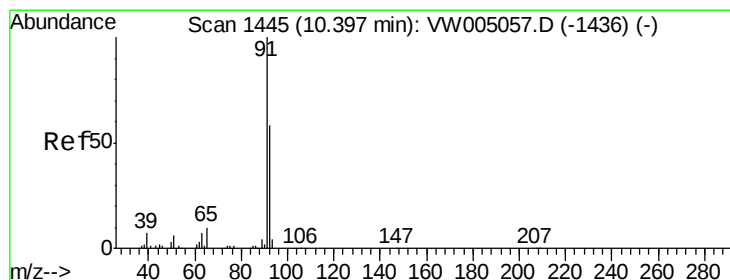
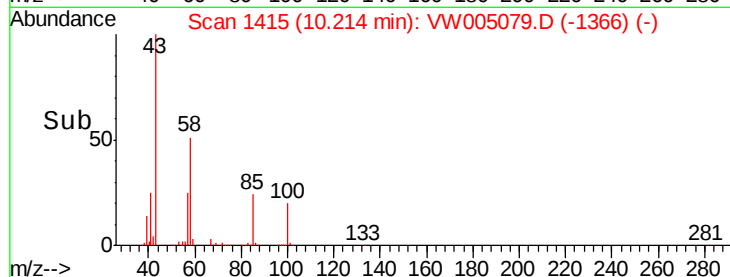
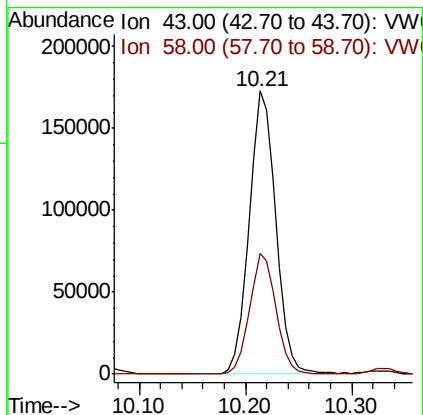
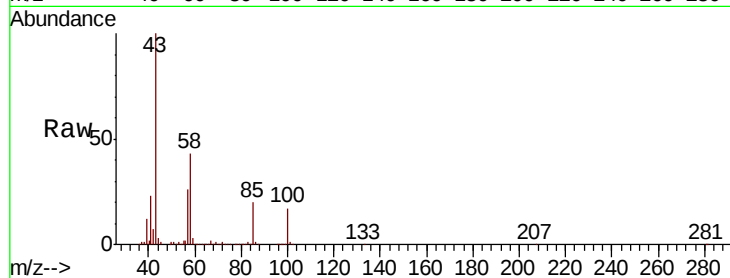
43 100

58 42.4 33.3 49.9

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#52

Toluene

Concen: 21.57 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

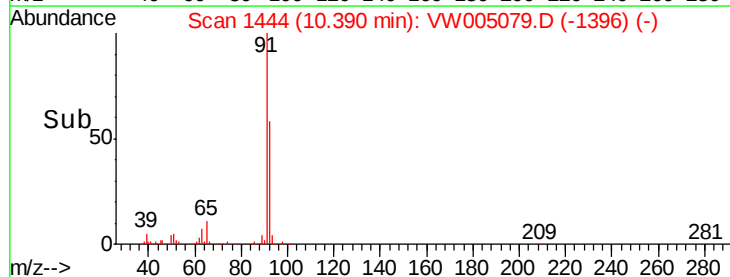
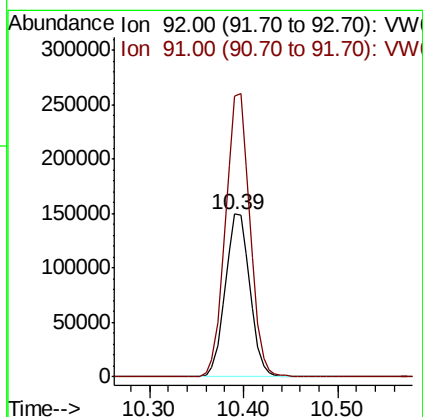
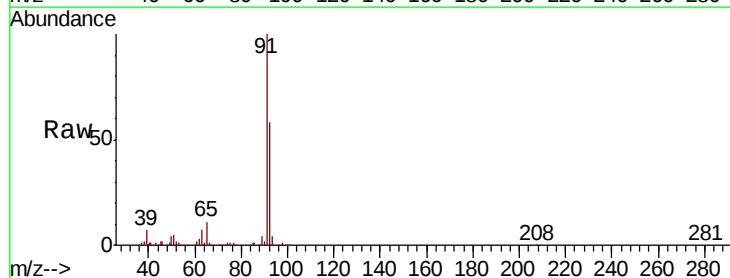
Lab File: VW005079.D

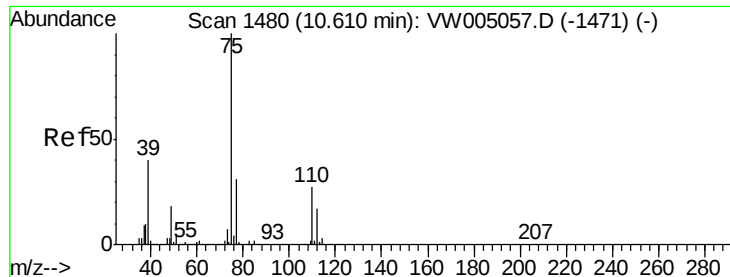
Acq: 04 Sep 2018 15:07

Tgt Ion: 92 Resp: 271594
Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.75 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion: 75 Resp: 116812

Ion Ratio Lower Upper

75 100

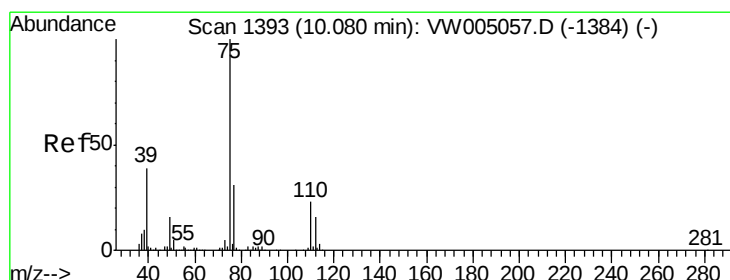
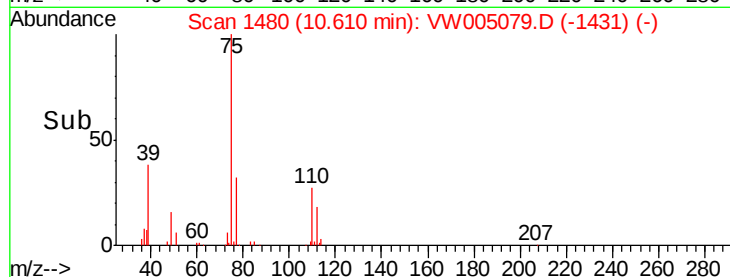
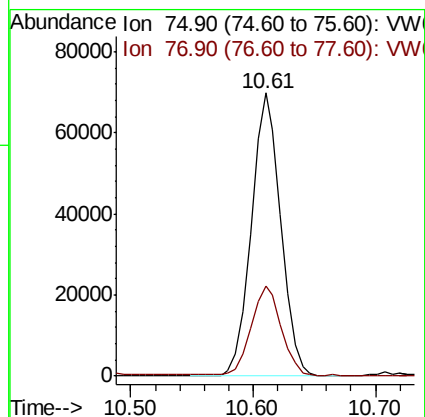
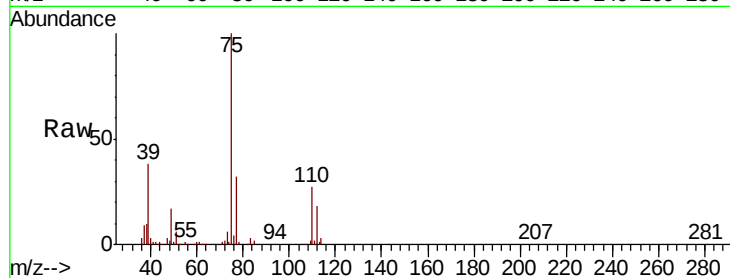
77 31.5 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.64 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

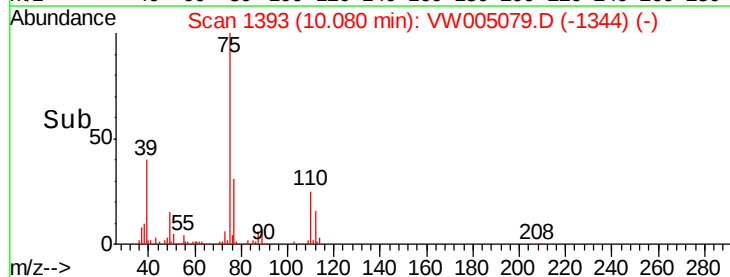
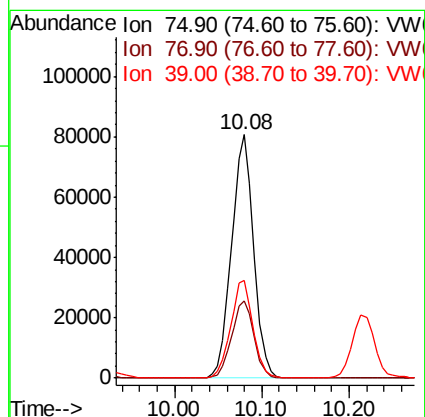
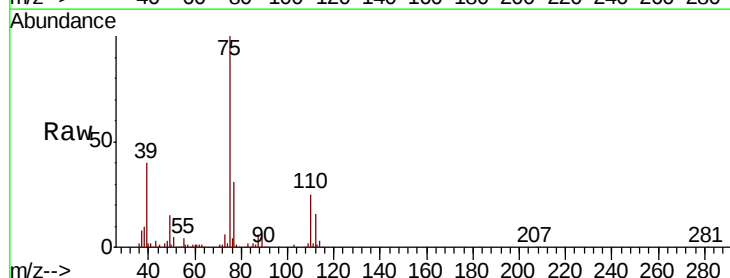
Tgt Ion: 75 Resp: 141394

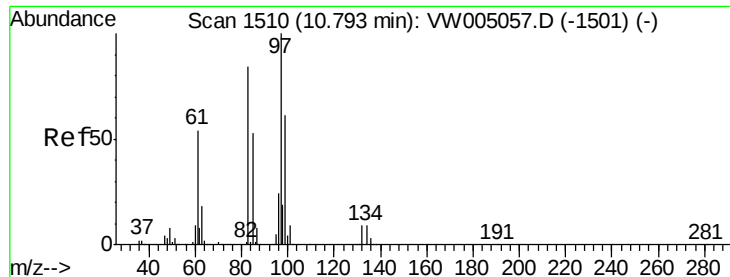
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 40.2 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 21.84 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

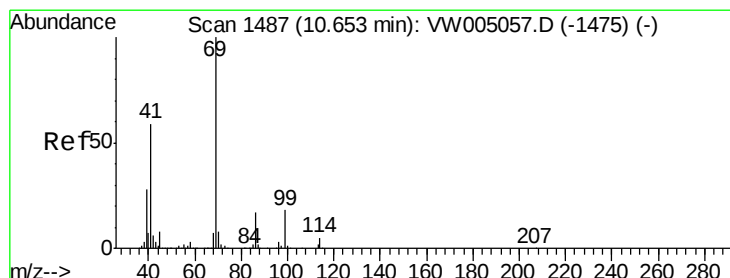
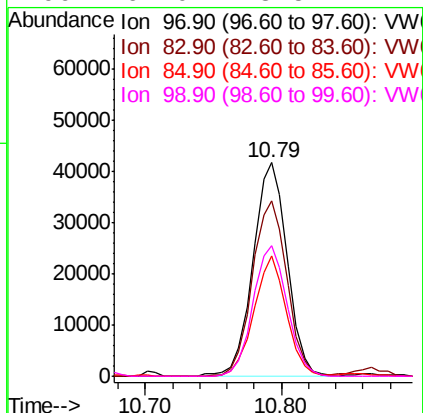
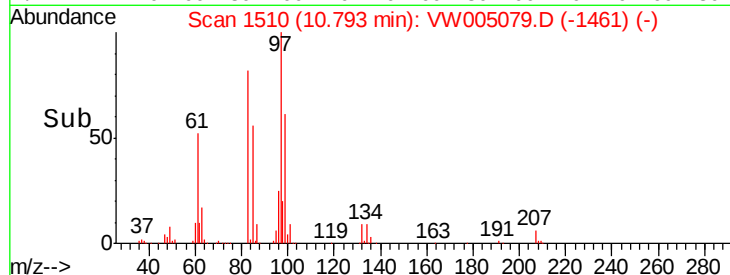
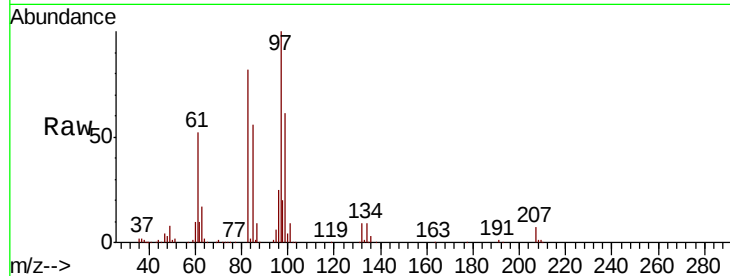
ClientSampled :

VW0904SBS01

Tot Ion:	97	Resp:	73396
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.0	100.6
85	56.1	42.3	63.5
99	61.0	48.5	72.7

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#56

Ethyl methacrylate

Concen: 21.70 ug/l

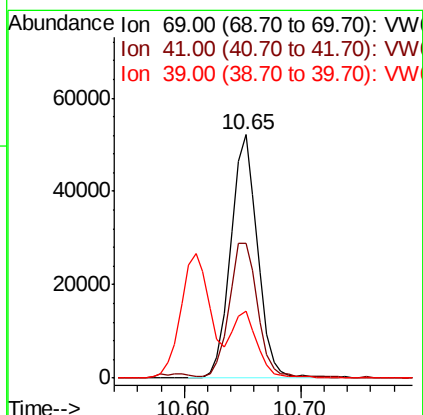
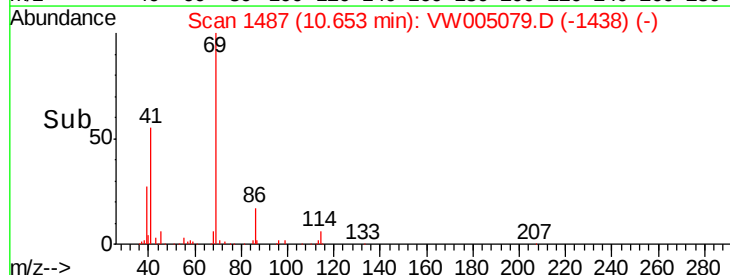
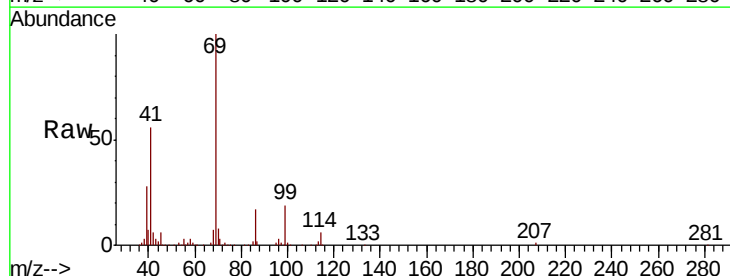
RT: 10.65 min Scan# 1487

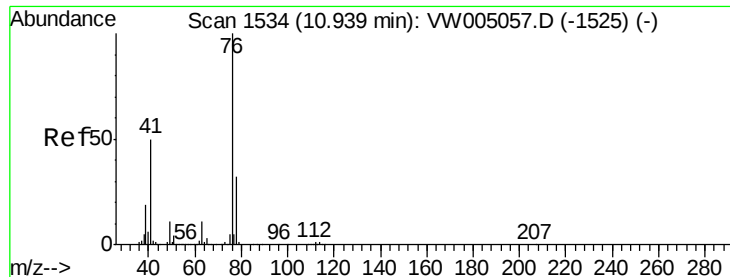
Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion:	69	Resp:	83225
Ion	Ratio	Lower	Upper
69	100		
41	58.2	47.8	71.6
39	25.6	21.1	31.7





#57

1,3-Dichloropropane

Concen: 21.11 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion: 76 Resp: 116815

Ion Ratio Lower Upper

76 100

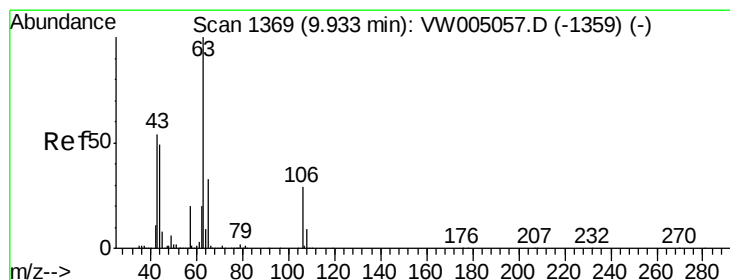
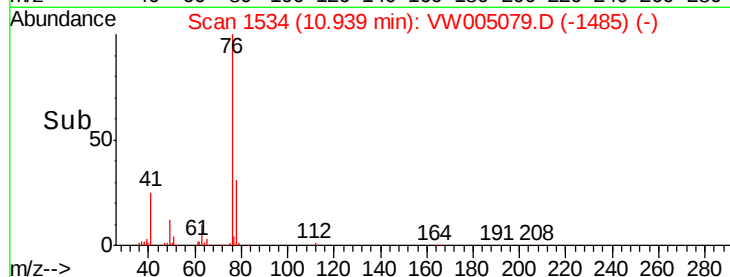
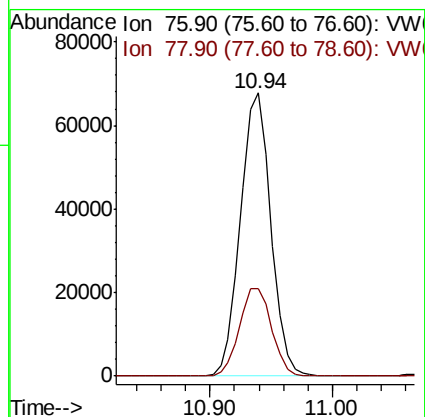
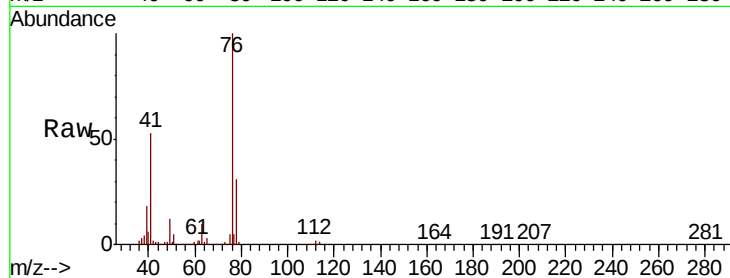
78 32.9 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 107.46 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005079.D

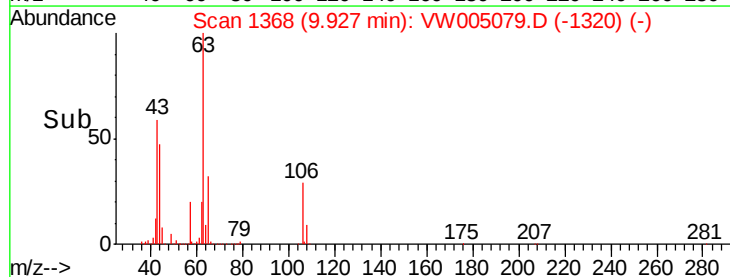
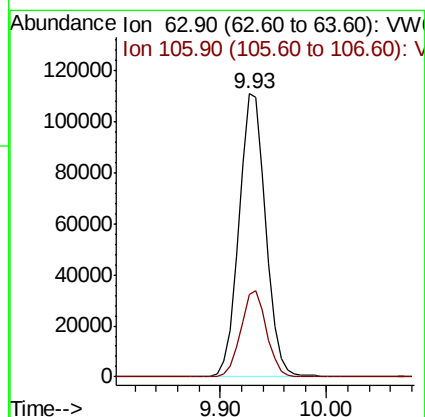
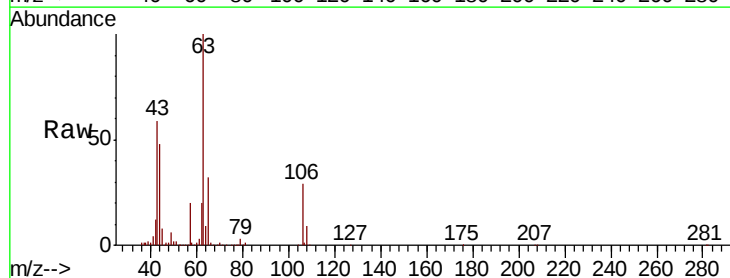
Acq: 04 Sep 2018 15:07

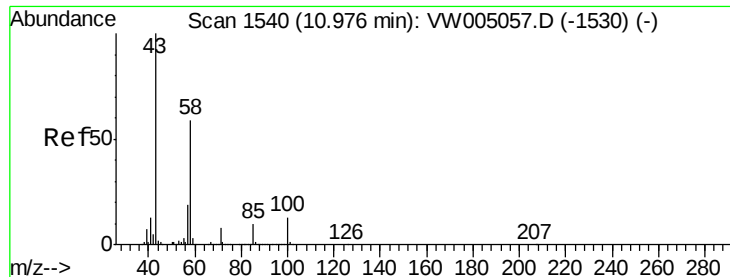
Tgt Ion: 63 Resp: 195275

Ion Ratio Lower Upper

63 100

106 29.6 23.1 34.7





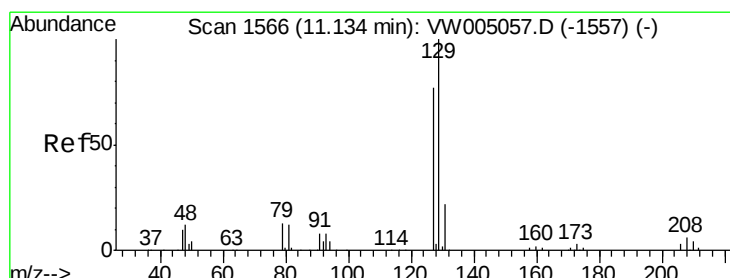
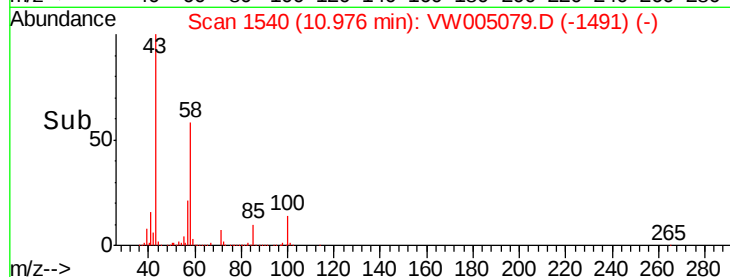
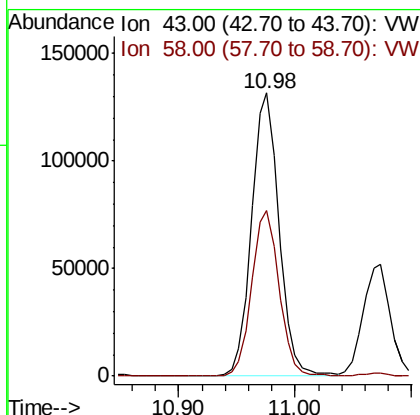
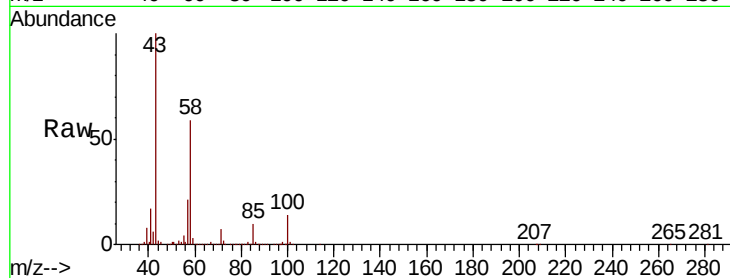
#59
2-Hexanone
Concen: 116.18 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion: 43 Resp: 217581
Ion Ratio Lower Upper
43 100
58 58.2 28.7 86.3

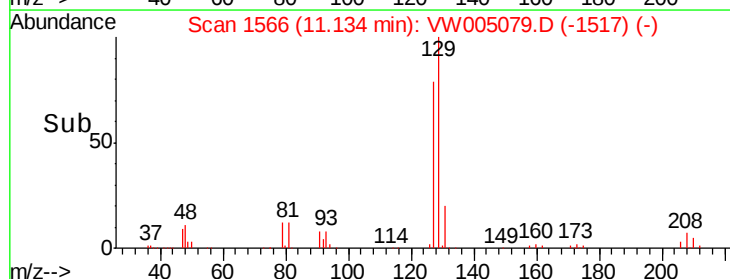
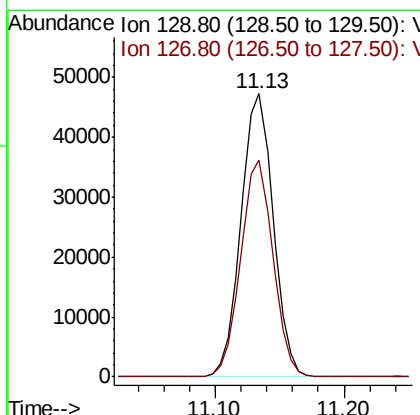
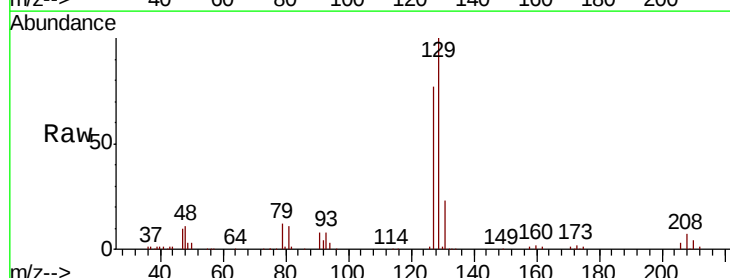
Manual Integrations
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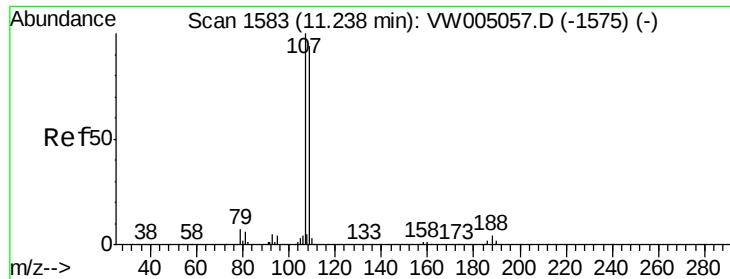
apatel
9/5/2018 10:02:15 AM



#60
Dibromochloromethane
Concen: 21.56 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion: 129 Resp: 81944
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7





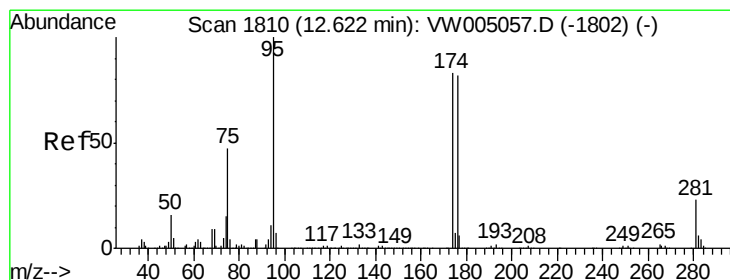
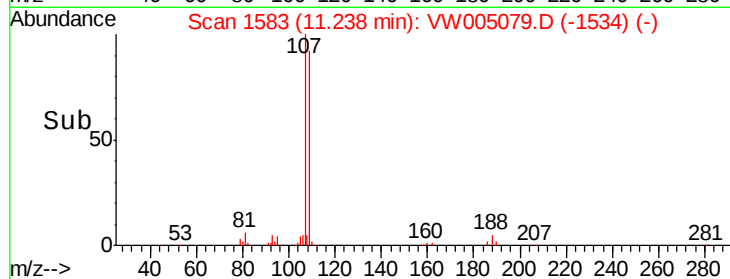
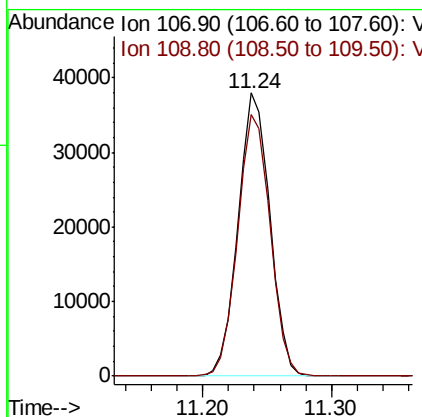
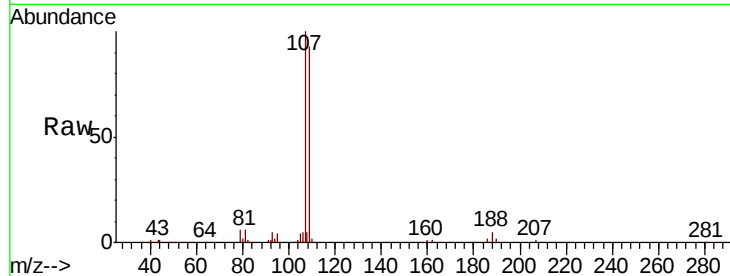
#61
 1,2-Dibromoethane
 Concen: 21.36 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS01

Tot Ion: 107 Resp: 64829
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.9 113.9

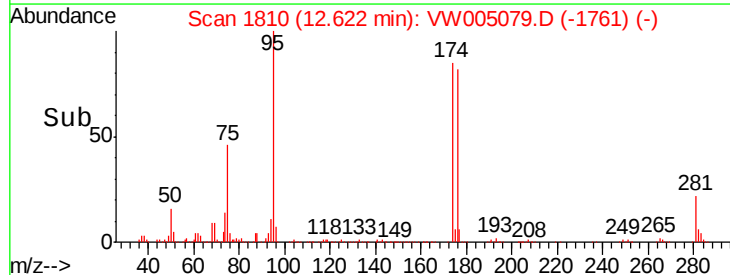
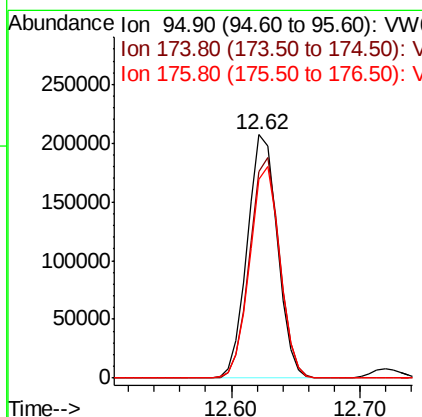
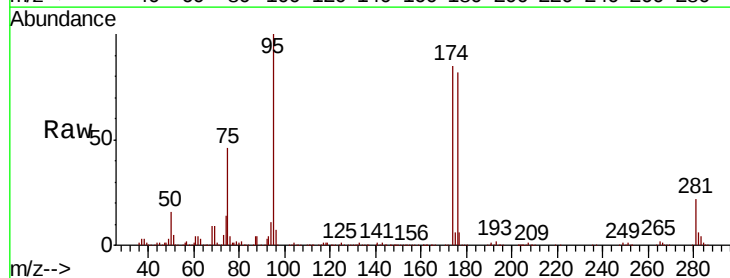
Manual Integrations
 APPROVED

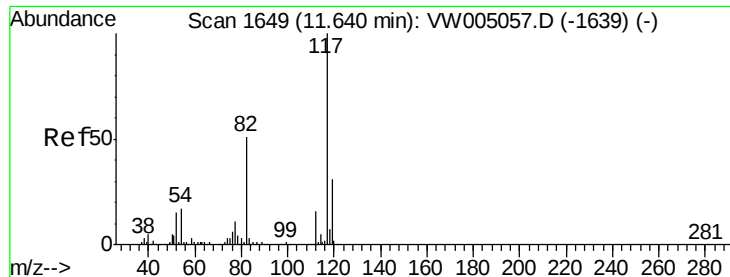
apatel
 9/5/2018 10:02:15 AM



#62
 4-Bromofluorobenzene
 Concen: 55.73 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion: 95 Resp: 333545
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 173.4
 176 87.1 0.0 167.4





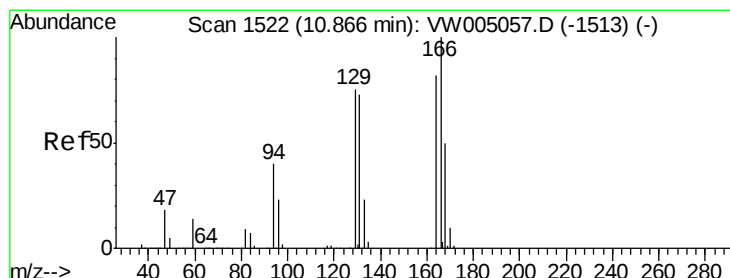
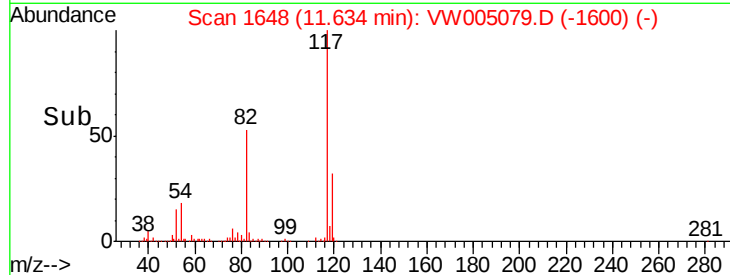
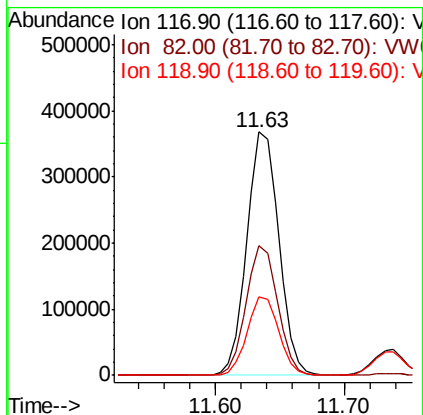
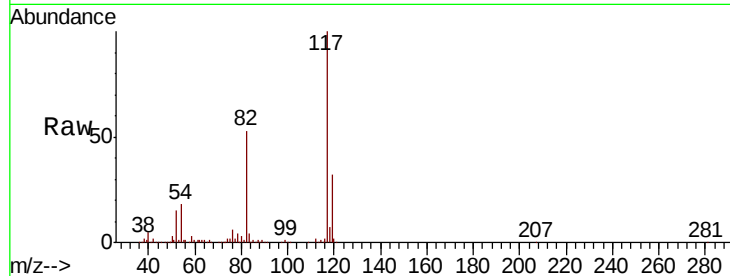
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	630166		
82	53.4	40.9	61.3	
119	32.4	24.9	37.3	

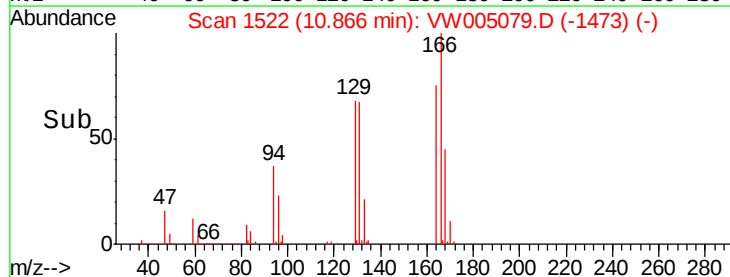
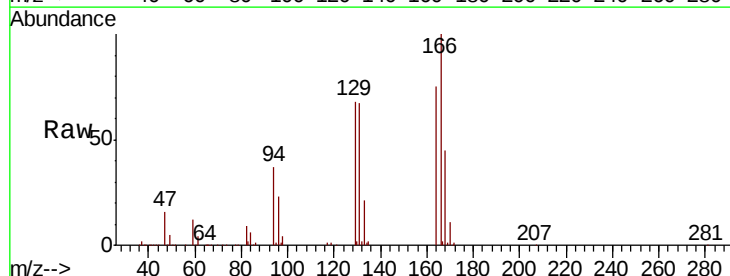
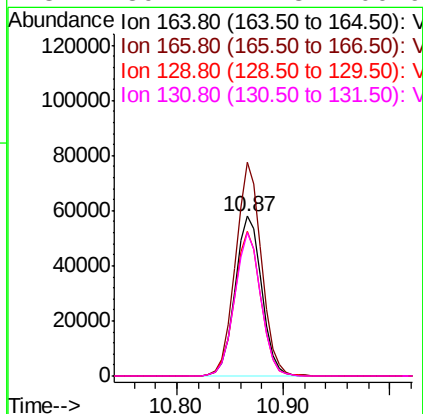
Manual Integrations
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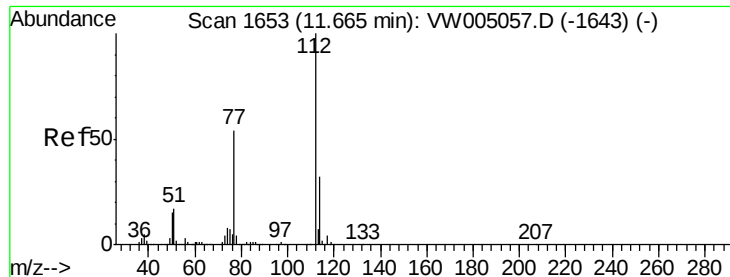
apatel
9/5/2018 10:02:15 AM



#64
Tetrachloroethene
Concen: 20.56 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101632		
166	133.7	97.3	145.9	
129	90.5	73.1	109.7	
131	89.7	71.3	106.9	





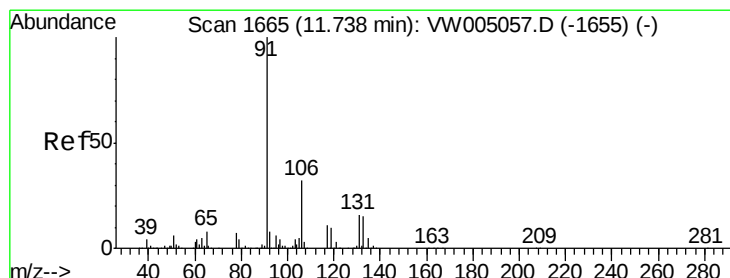
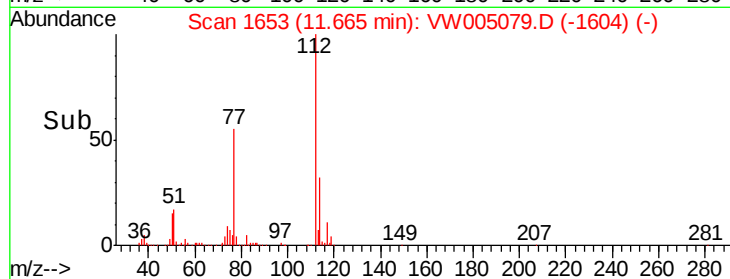
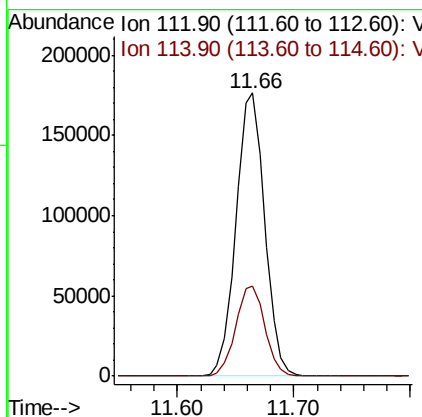
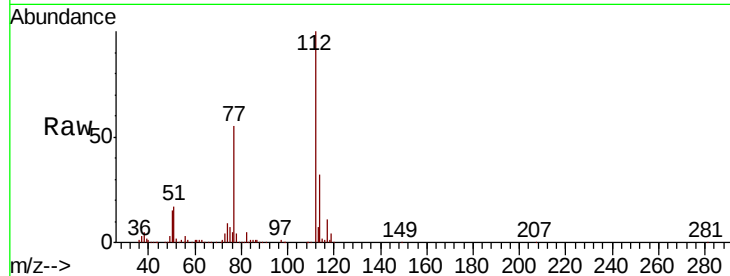
#65
Chlorobenzene
Concen: 21.33 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.0	39.0

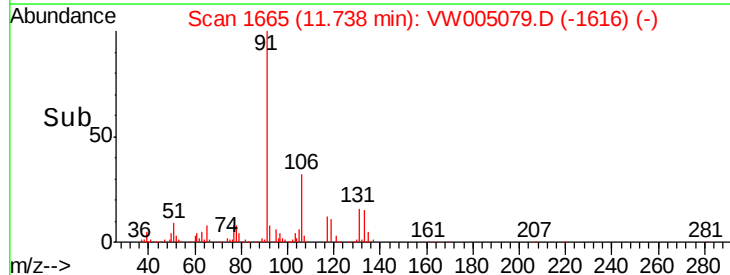
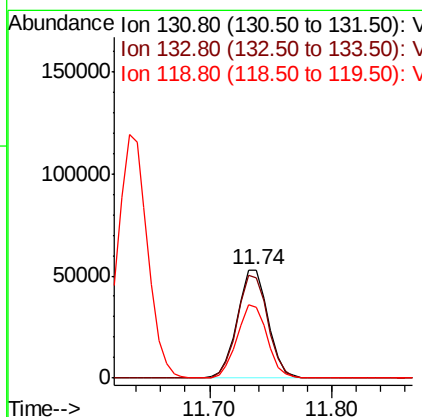
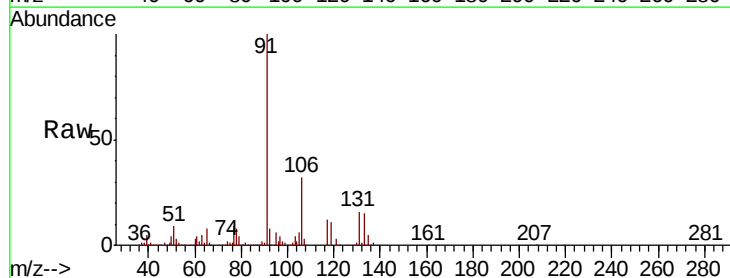
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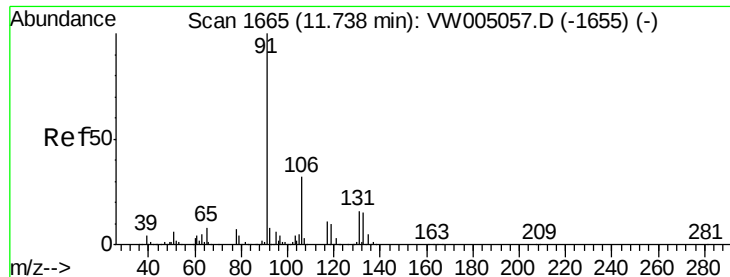
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.25 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.4	142.3
119	66.2	33.4	100.1





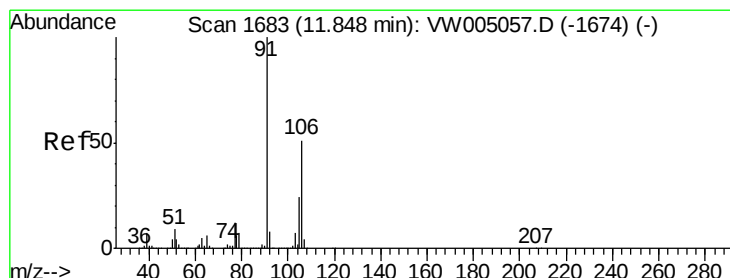
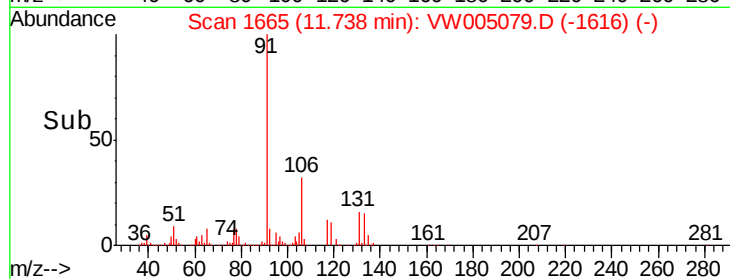
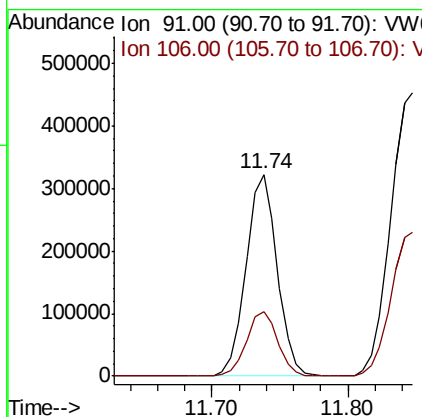
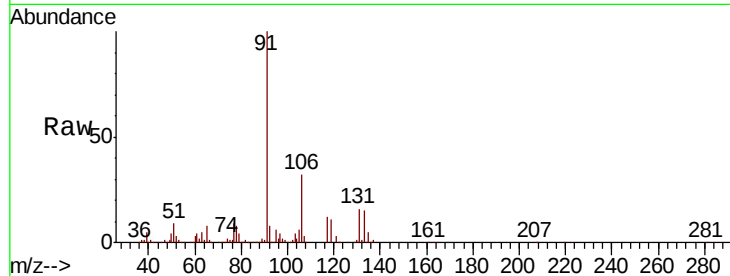
#67
Ethyl Benzene
Concen: 21.51 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.3	37.9

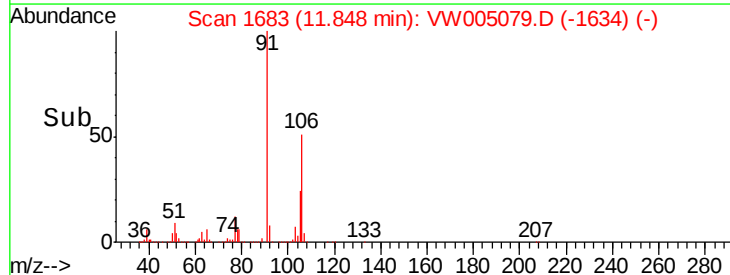
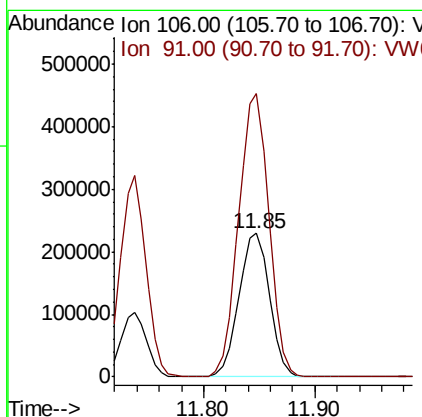
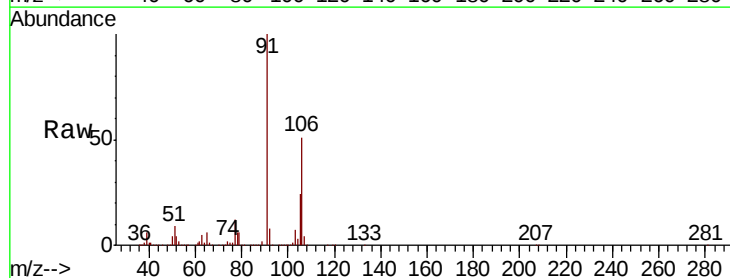
Manual Integrations
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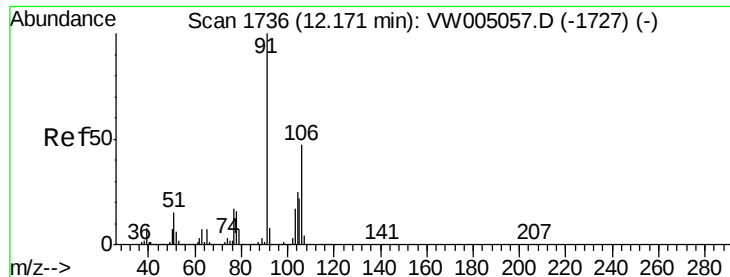
apatel
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#68
m/p-Xylenes
Concen: 45.48 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.4	158.4	237.6





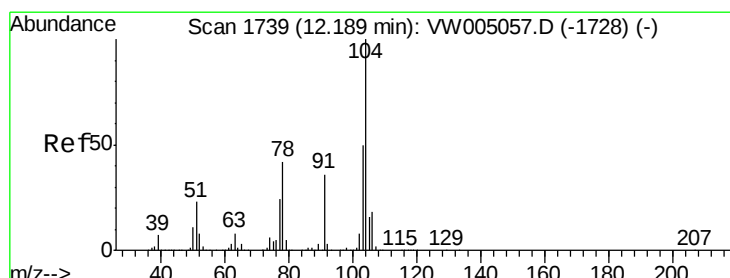
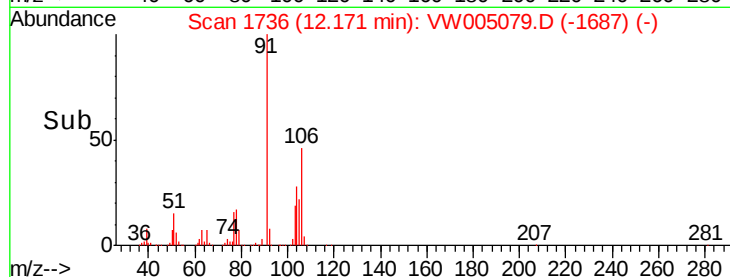
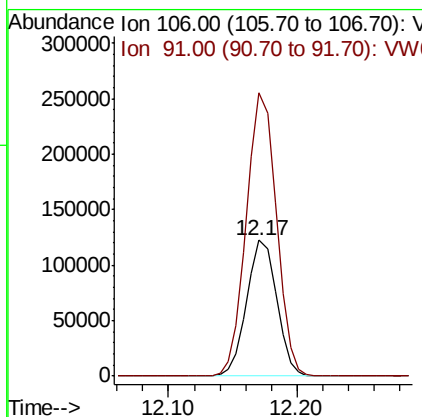
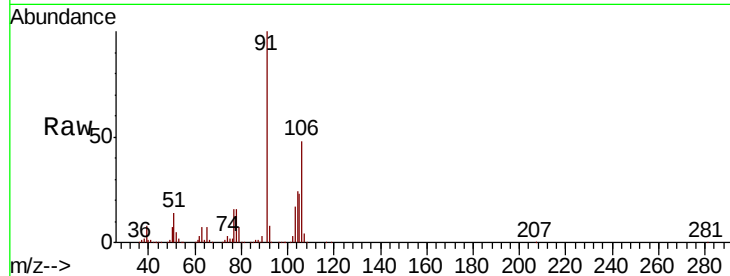
#69
o-Xylene
Concen: 22.33 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.5	105.6	316.8

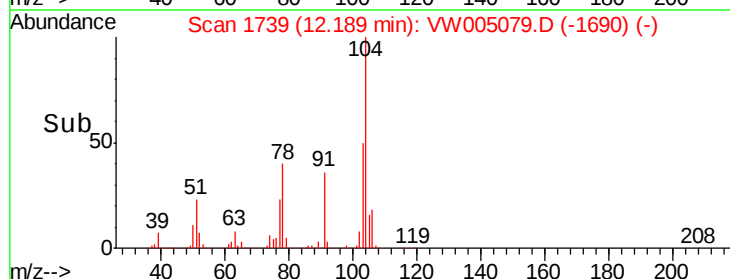
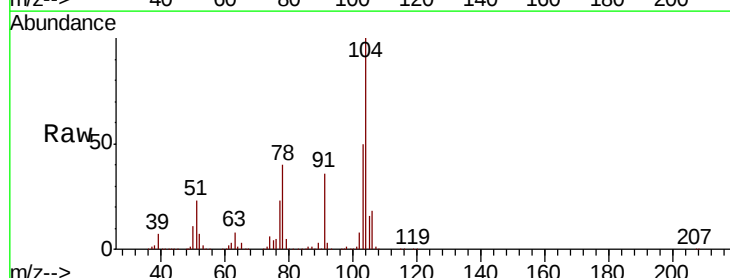
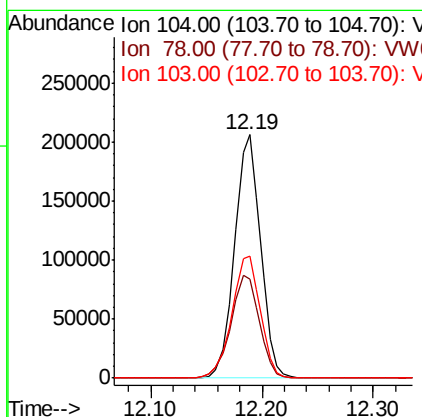
Manual Integrations
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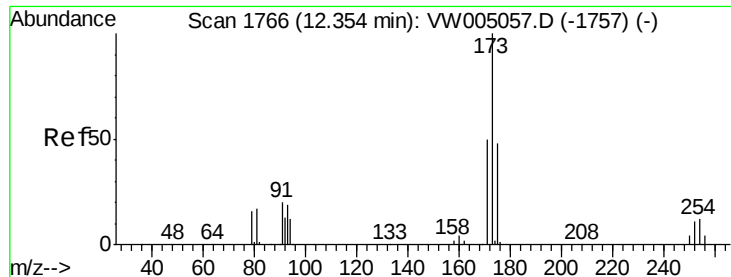
apatel
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#70
Styrene
Concen: 22.63 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.4	37.8	56.6
103	54.8	44.1	66.1





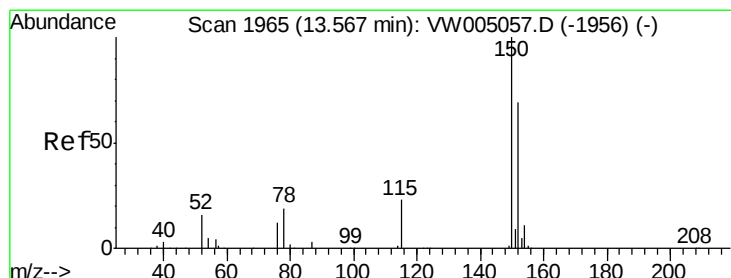
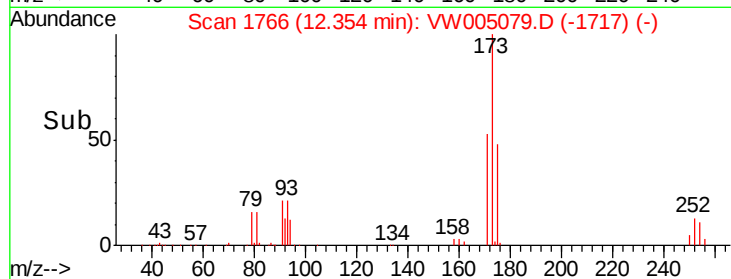
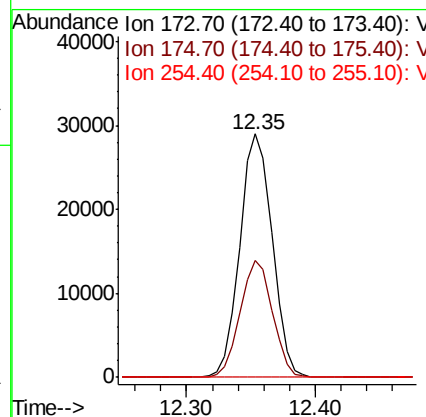
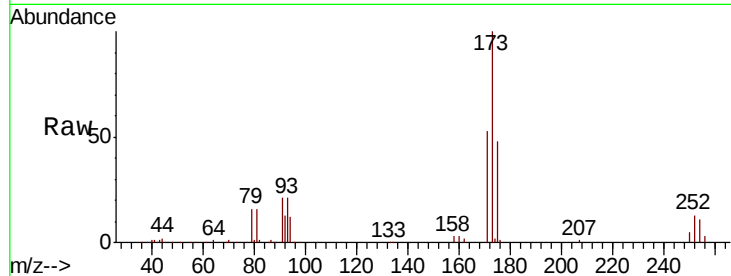
#71
Bromoform
Concen: 21.91 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.2
254	0.1	0.2	0.2

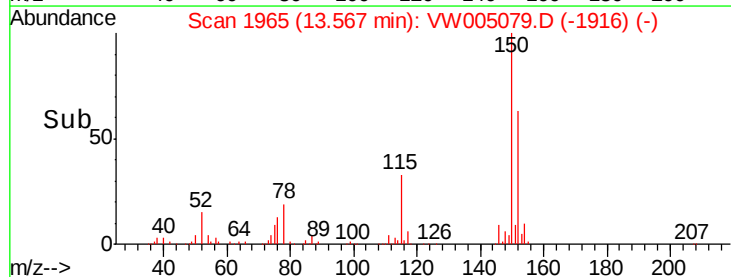
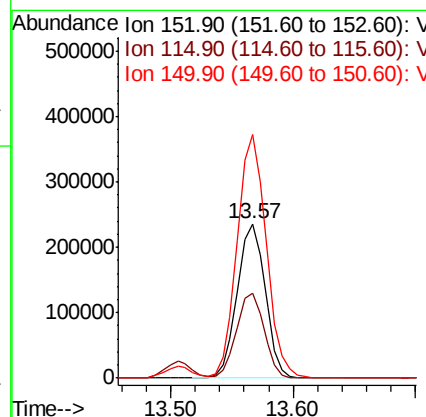
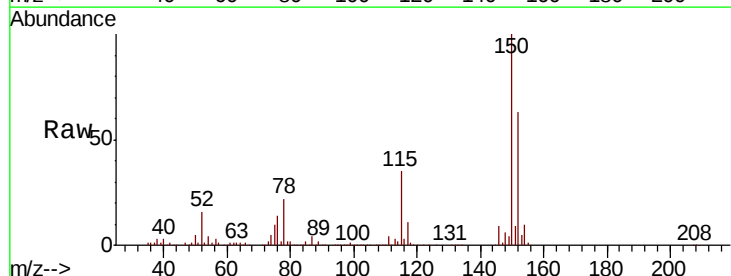
Manual Integrations
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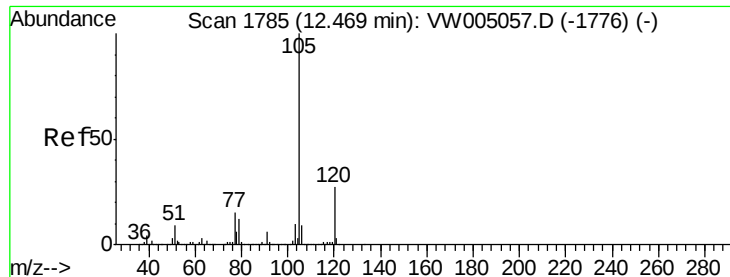
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.4
150	164.0	0.0	351.4





#73

Isopropylbenzene

Concen: 20.18 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion:105 Resp: 530577

Ion Ratio Lower Upper

105 100

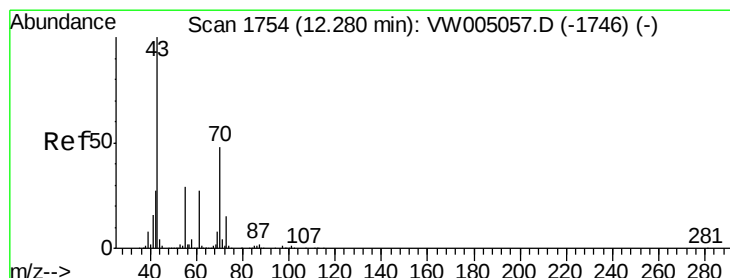
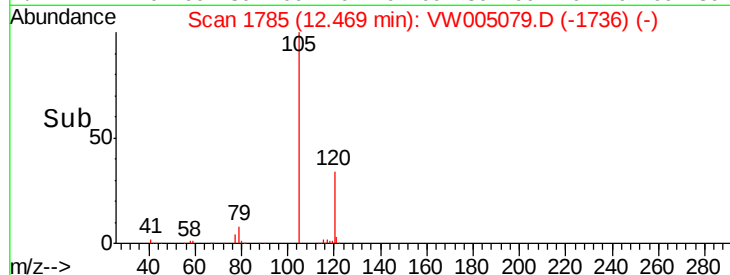
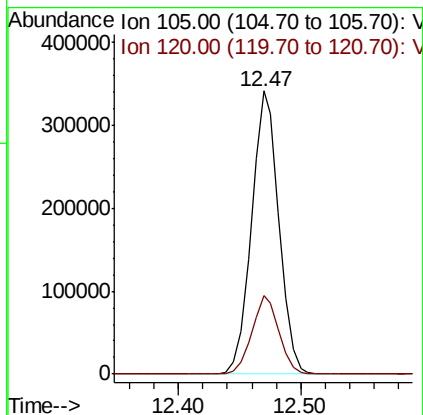
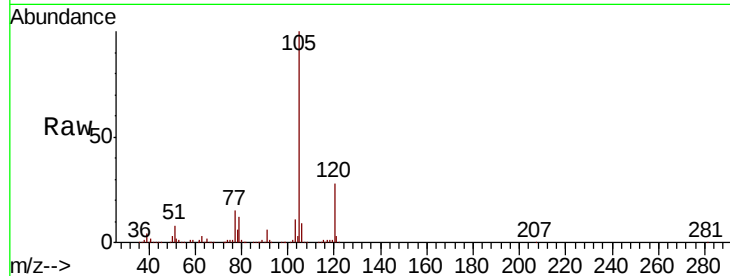
120 27.3 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.75 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion: 43 Resp: 93952

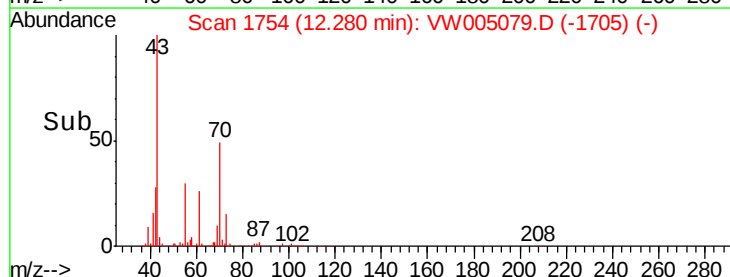
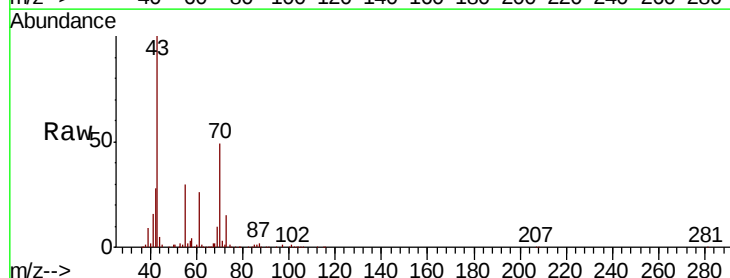
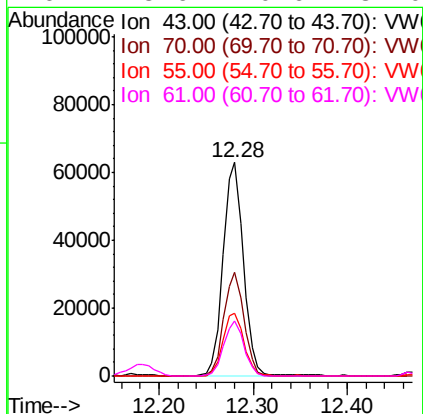
Ion Ratio Lower Upper

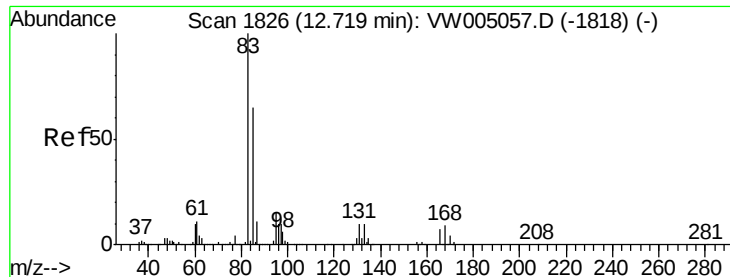
43 100

70 48.6 38.2 57.4

55 30.7 23.2 34.8

61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.78 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

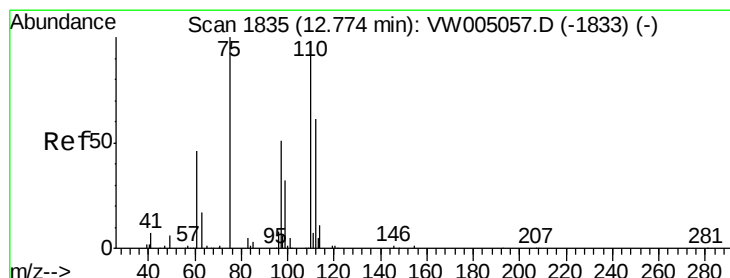
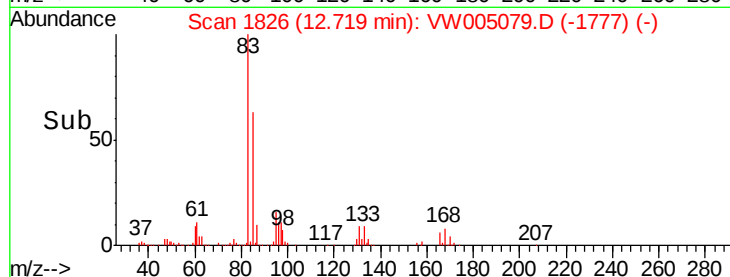
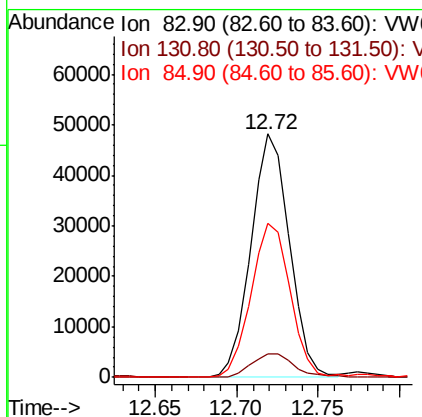
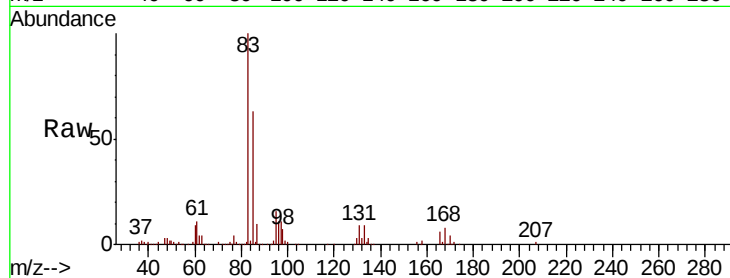
ClientSampled :

VW0904SBS01

Tot Ion:	83	Resp:	79182
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.6	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.74 ug/l m

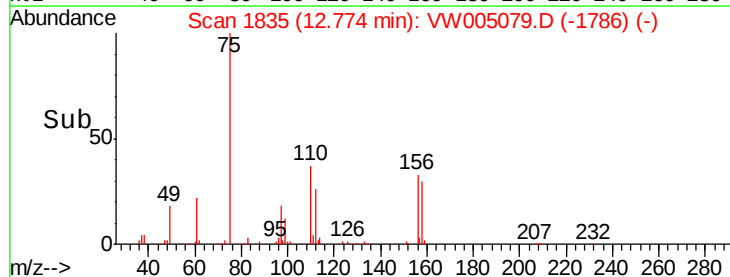
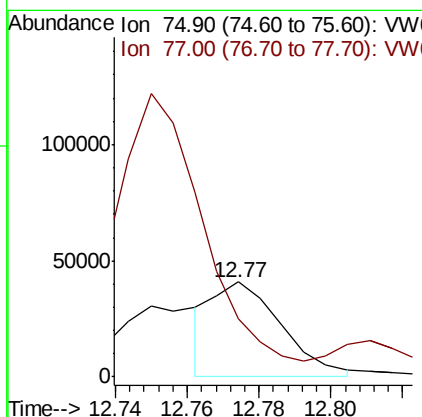
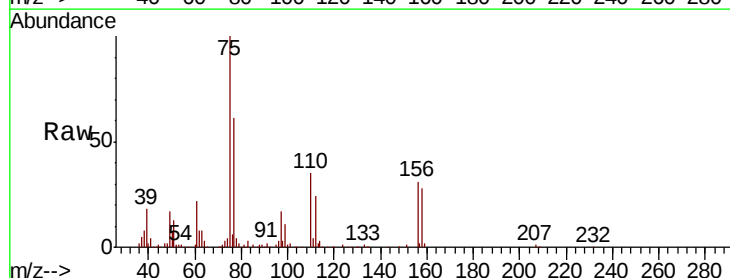
RT: 12.77 min Scan# 1835

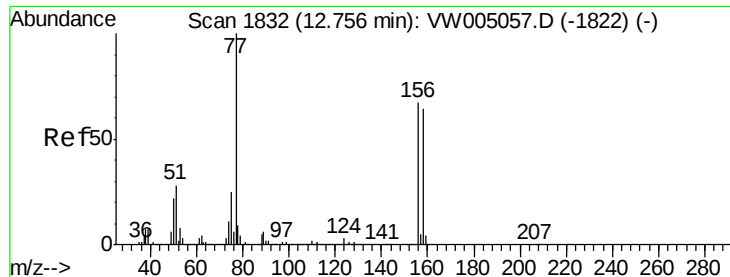
Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion:	75	Resp:	55238
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.41 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

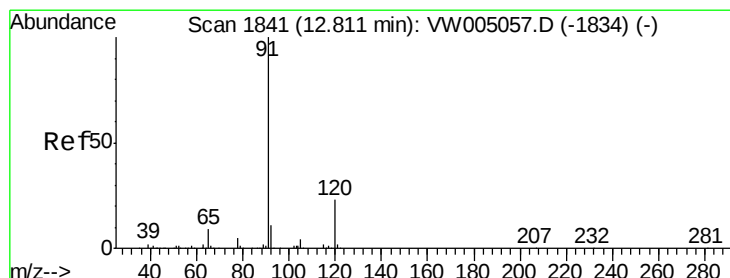
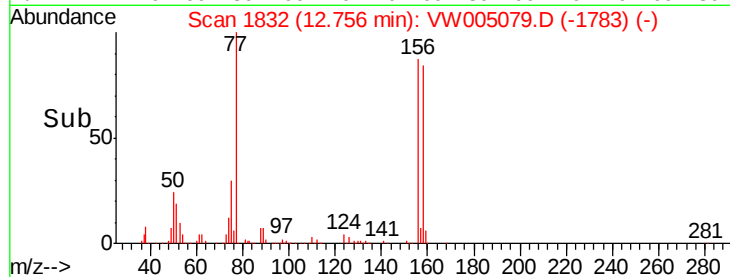
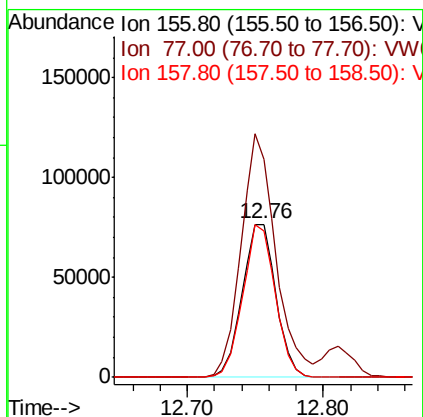
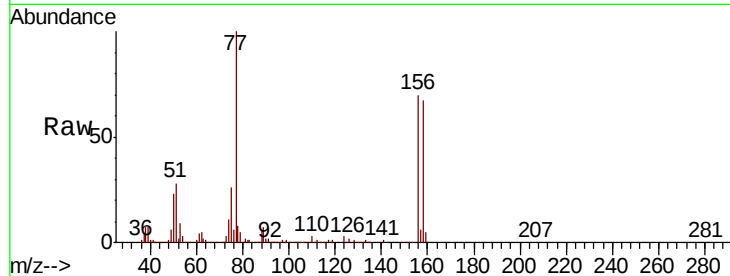
ClientSampleId :

VW0904SBS01

Tot Ion:	156	Resp:	132194
Ion Ratio	Lower	Upper	
156	100		
77	164.3	85.8	257.4
158	96.3	48.1	144.4

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#78

n-propylbenzene

Concen: 20.95 ug/l

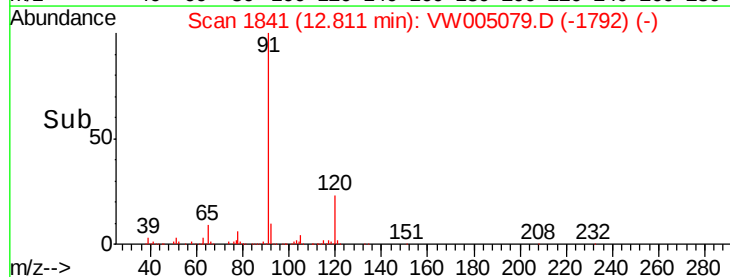
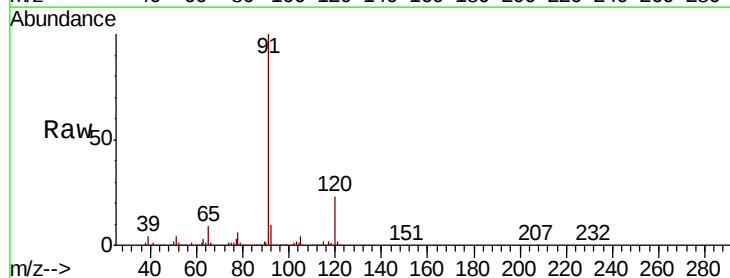
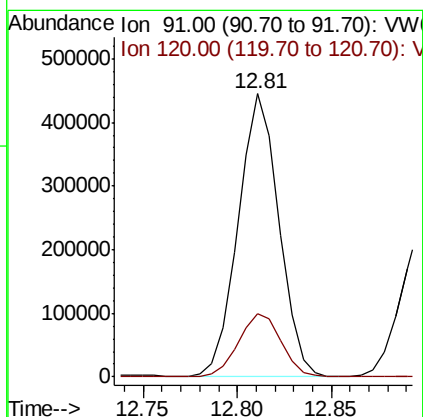
RT: 12.81 min Scan# 1841

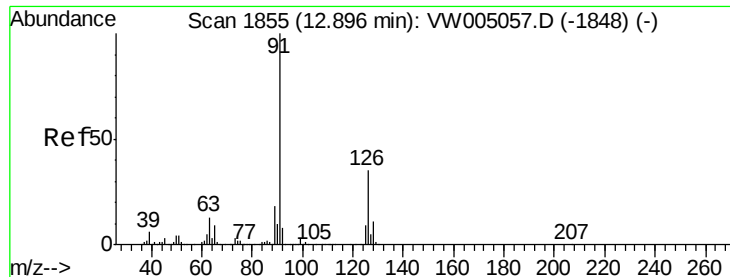
Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion:	91	Resp:	665010
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.35 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampled :

VW0904SBS01

Tot Ion: 91 Resp: 376894

Ion Ratio Lower Upper

91 100

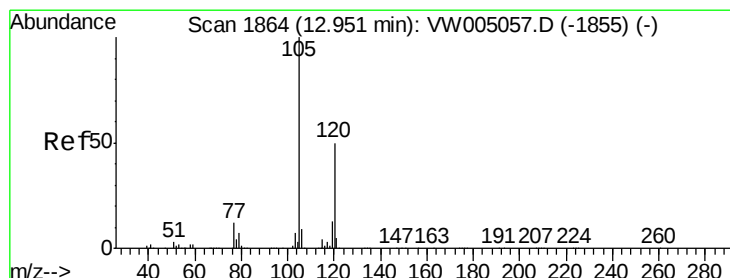
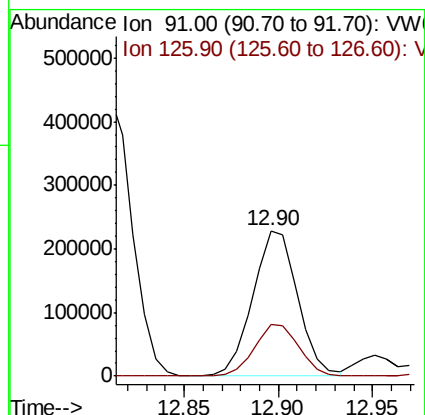
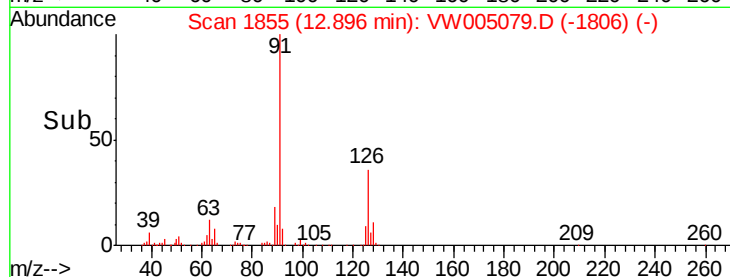
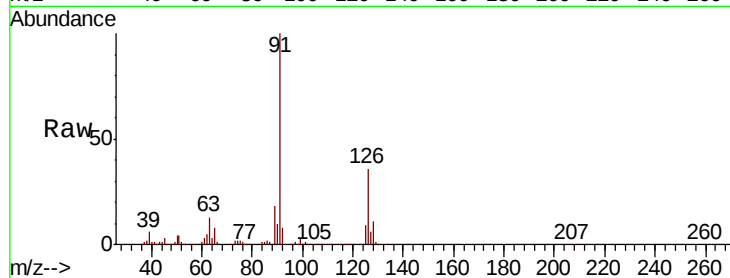
126 35.7 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.34 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005079.D

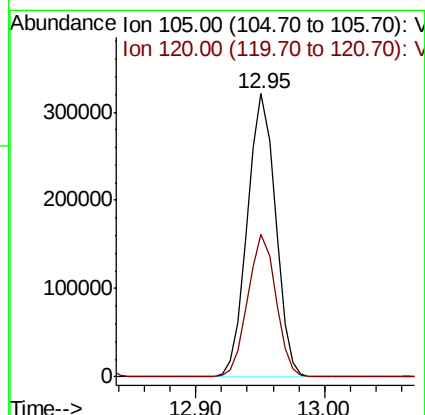
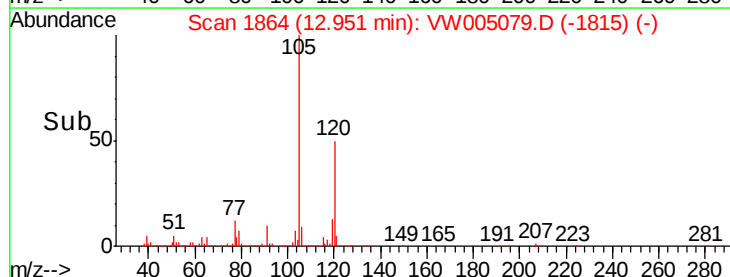
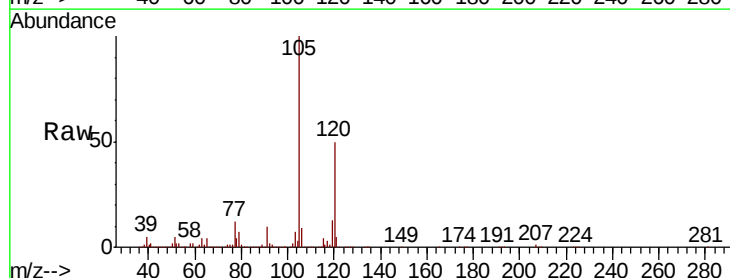
Acq: 04 Sep 2018 15:07

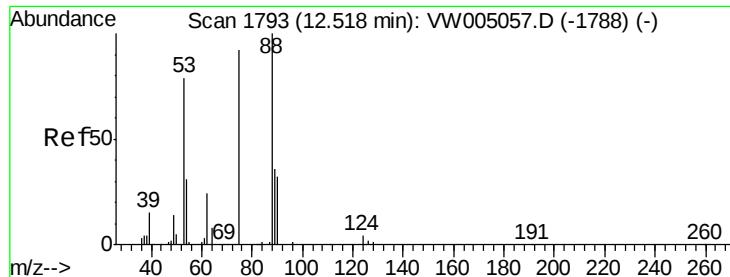
Tgt Ion: 105 Resp: 485103

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8





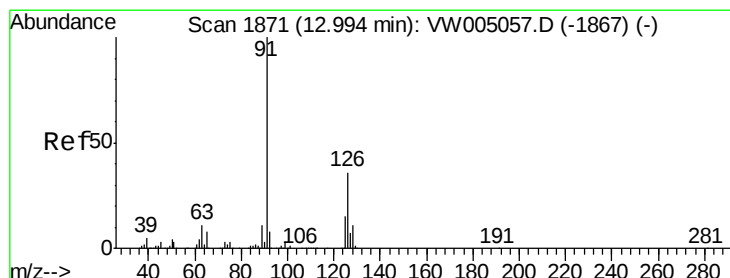
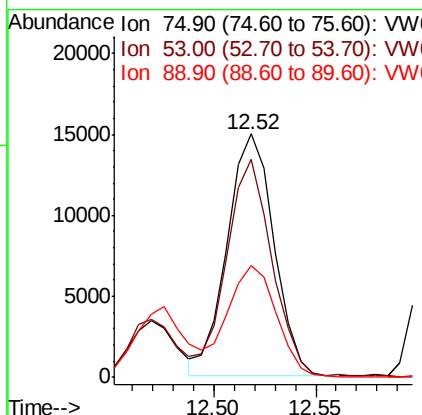
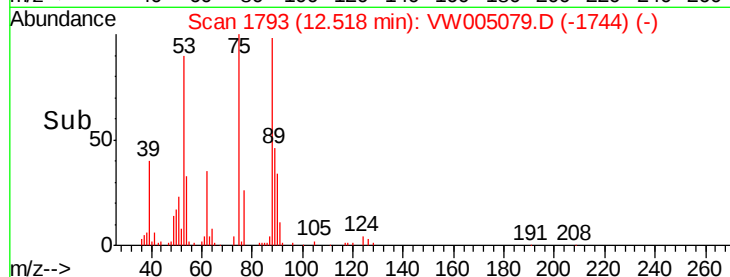
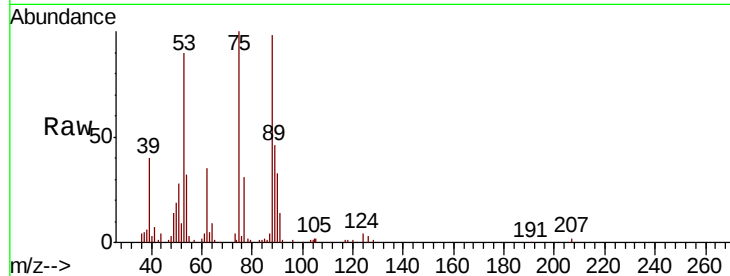
#81
trans-1,4-Dichloro-2-butene
Concen: 20.39 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.5	69.8	104.8
89	48.7	36.0	54.0

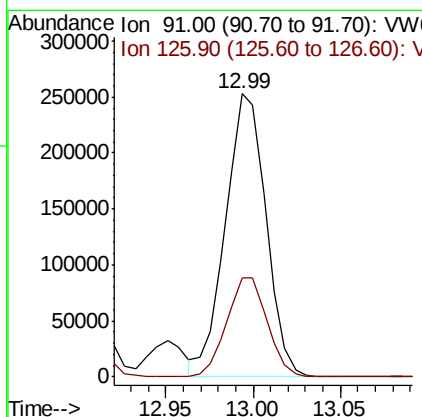
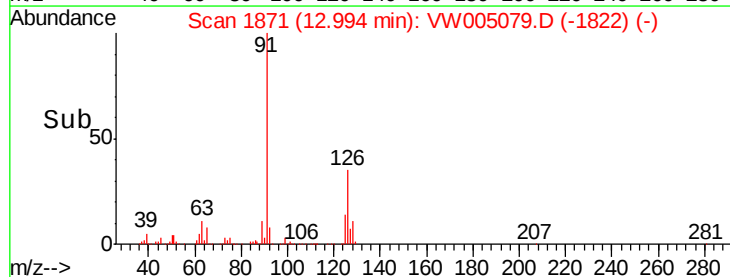
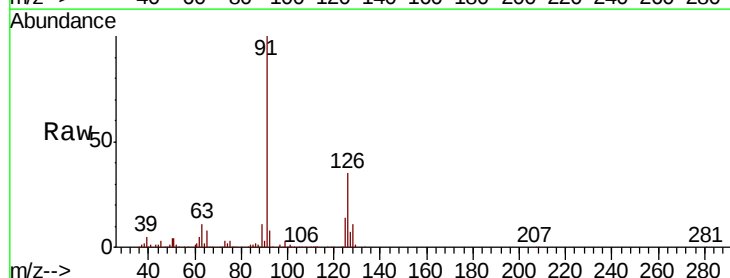
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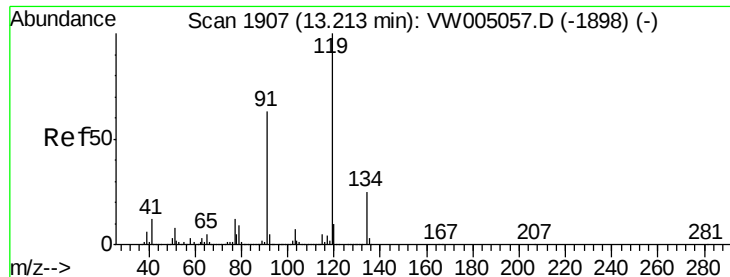
apatel
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#82
4-Chlorotoluene
Concen: 20.83 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.4	52.3





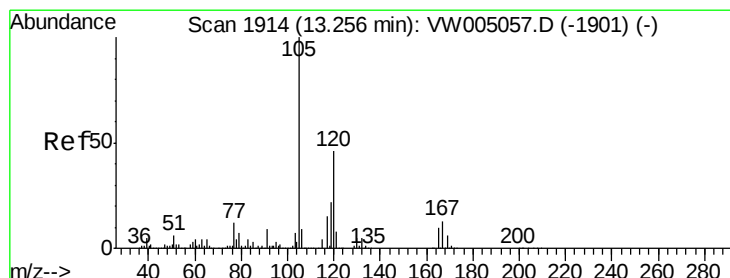
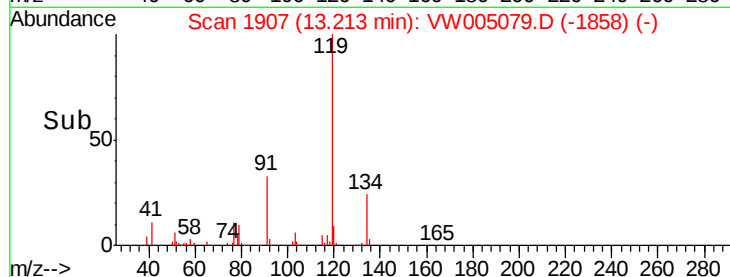
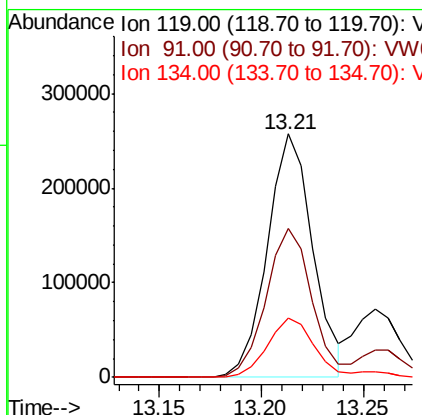
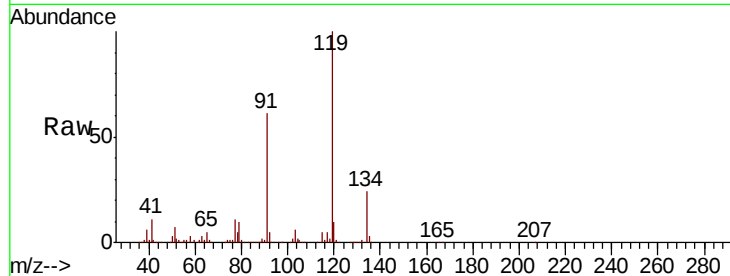
#83
tert-Butylbenzene
Concen: 21.00 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	398736		
91	62.2		31.8	95.4
134	24.8		13.0	39.0

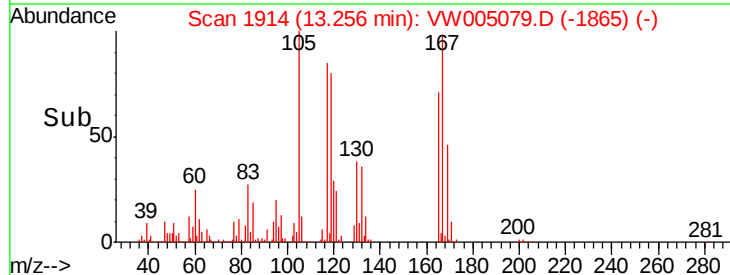
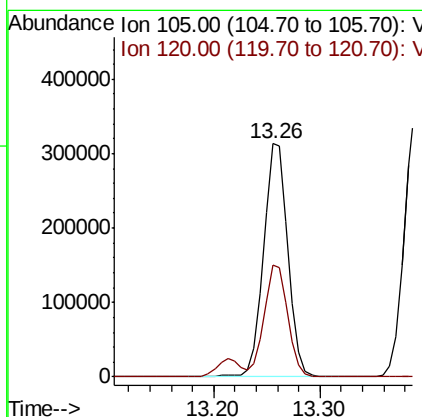
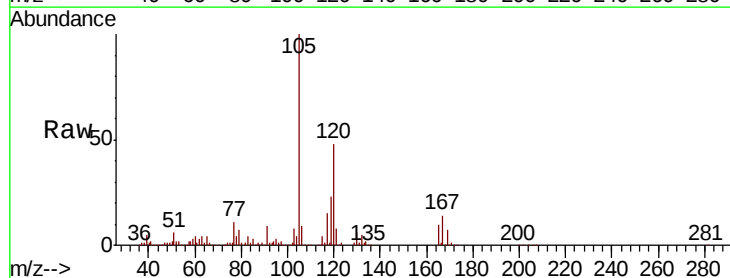
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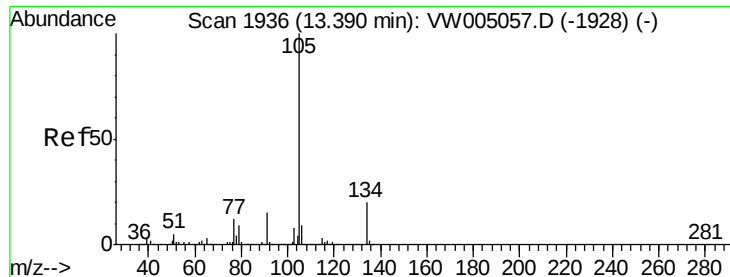
apatel
9/5/2018 10:02:15 AM



#84
1,2,4-Trimethylbenzene
Concen: 21.54 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498734		
120	46.7		23.1	69.3





#85

sec-Butylbenzene

Concen: 21.05 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampled :

VW0904SBS01

Tot Ion:105 Resp: 587494

Ion Ratio Lower Upper

105 100

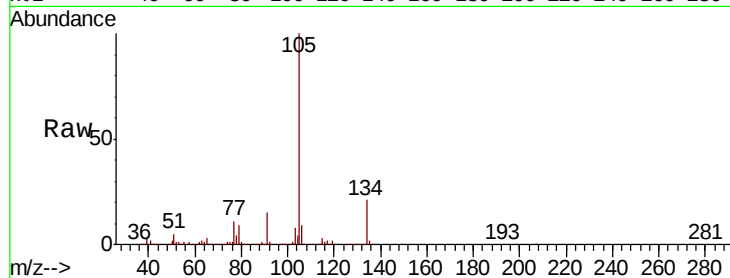
134 20.2 10.1 30.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

400000

300000

200000

100000

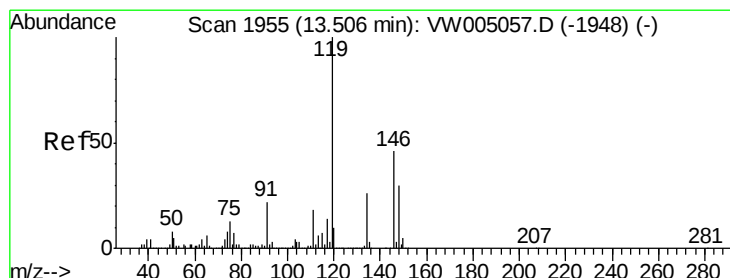
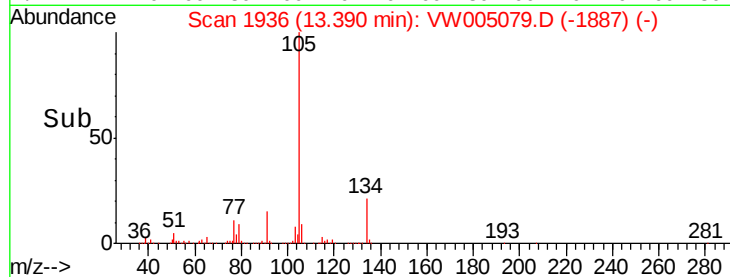
0

Time-->

13.30

13.40

13.50



#86

p-Isopropyltoluene

Concen: 21.55 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

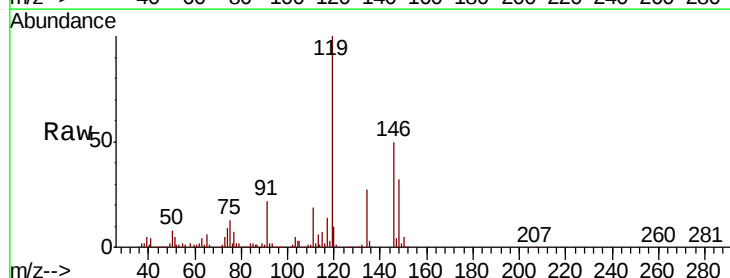
Tgt Ion:119 Resp: 532207

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 21.7 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

500000

400000

300000

200000

100000

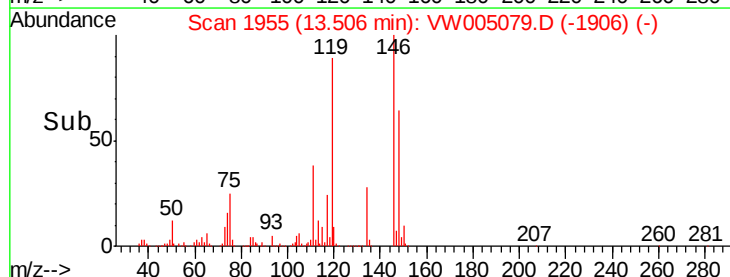
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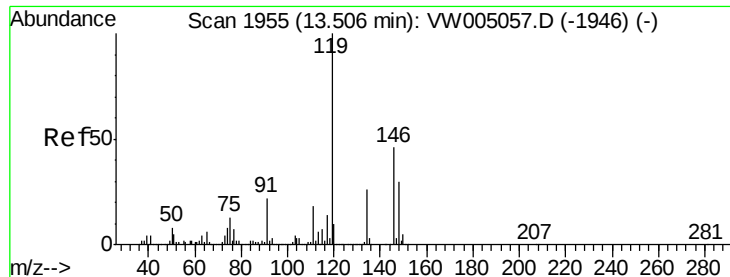
Time-->

13.45

13.50

13.55





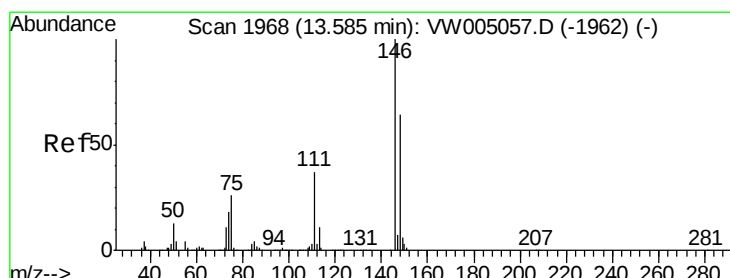
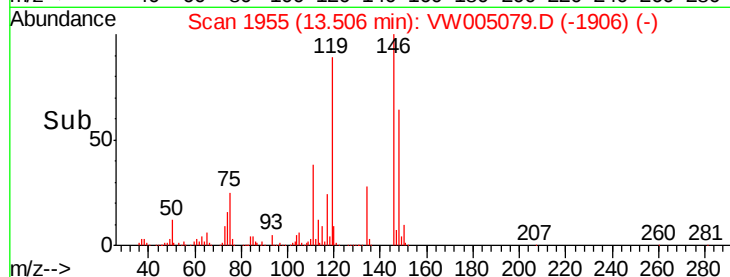
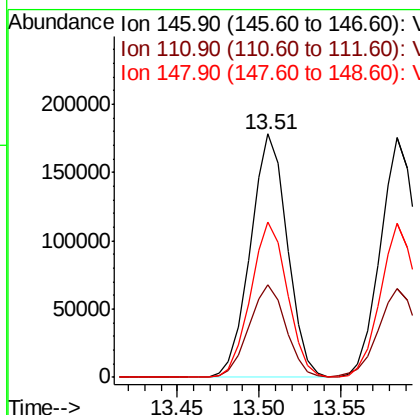
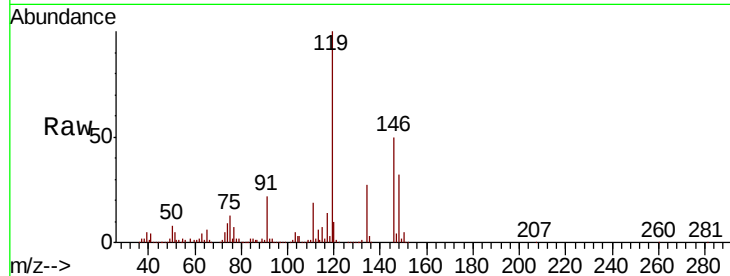
#87
 1,3-Dichlorobenzene
 Concen: 21.10 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.2	57.6
148	63.5	31.9	95.7

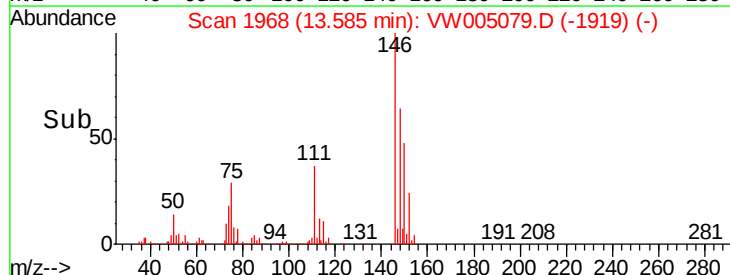
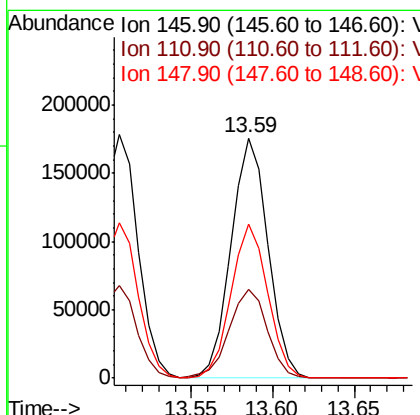
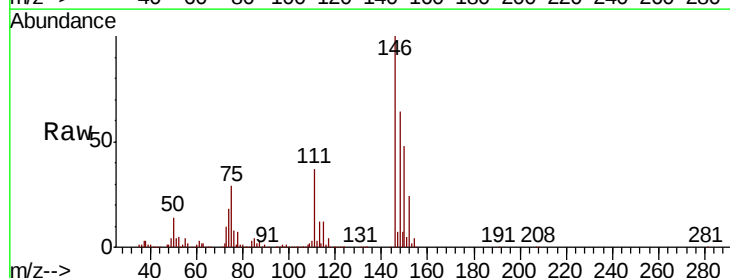
Manual Integrations
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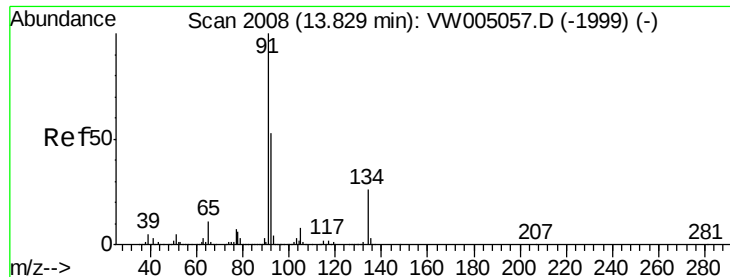
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.99 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	56.0
148	63.8	32.0	96.0





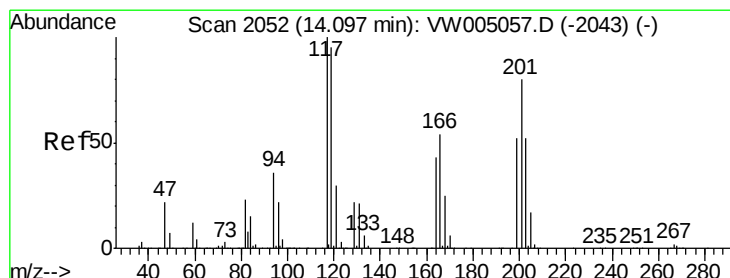
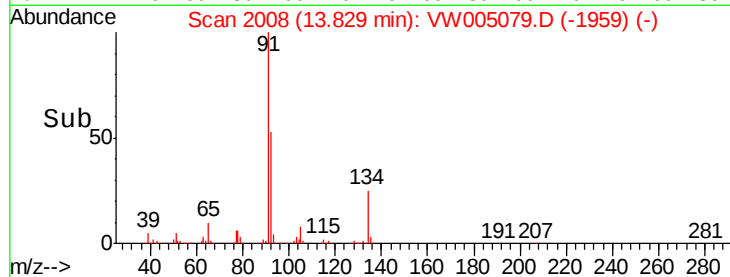
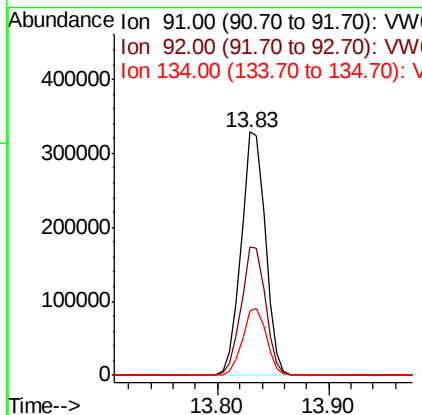
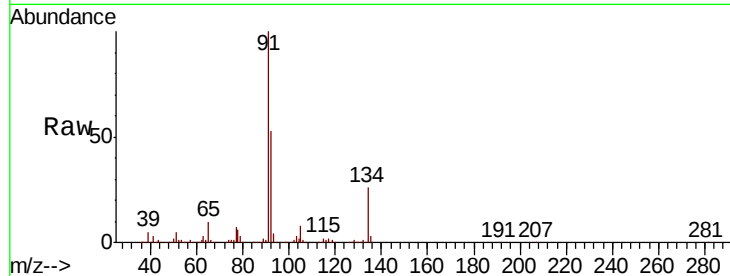
#89
n-Butylbenzene
Concen: 21.68 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	26.5	79.5	
134	27.2	13.5	40.4	

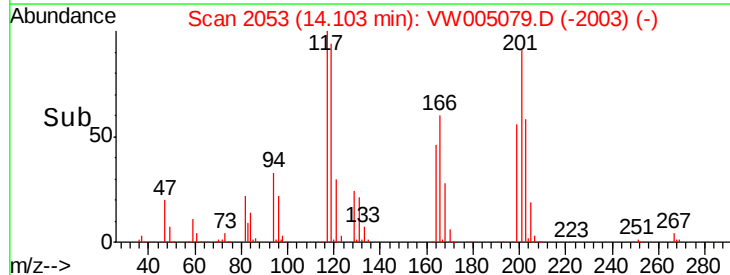
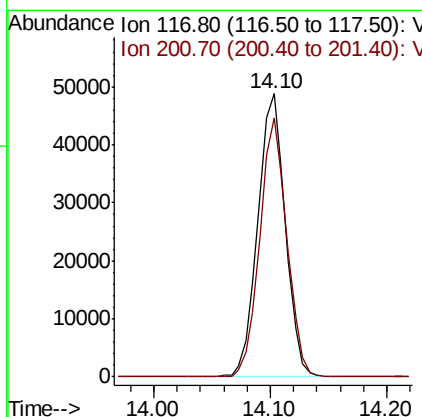
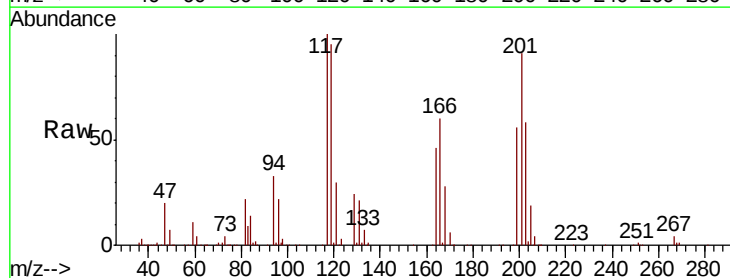
Manual Integrations
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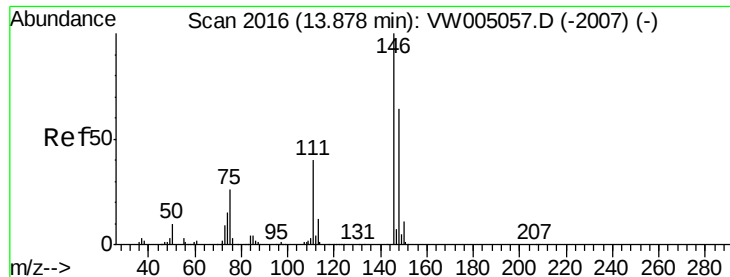
apatel
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#90
Hexachloroethane
Concen: 19.48 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.4	44.6	133.8	





#91

1,2-Dichlorobenzene

Concen: 21.25 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

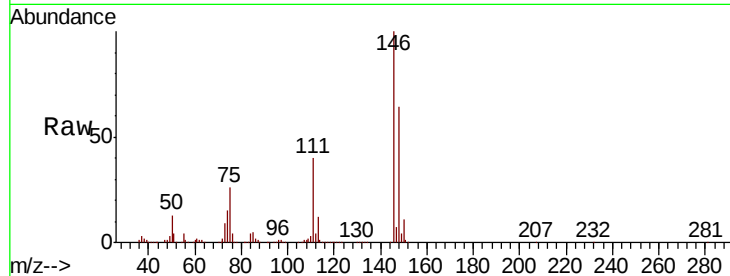
ClientSampleId :

VW0904SBS01

Tot Ion:	146	Resp:	246439
Ion Ratio		Lower	Upper
146	100		
111	39.4	19.9	59.7
148	64.4	31.9	95.9

Manual Integrations
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9/5/2018 10:02:15 AM

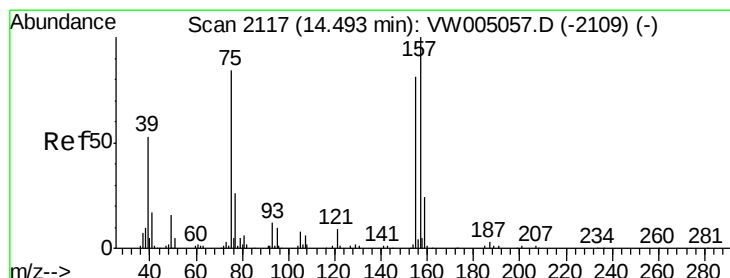
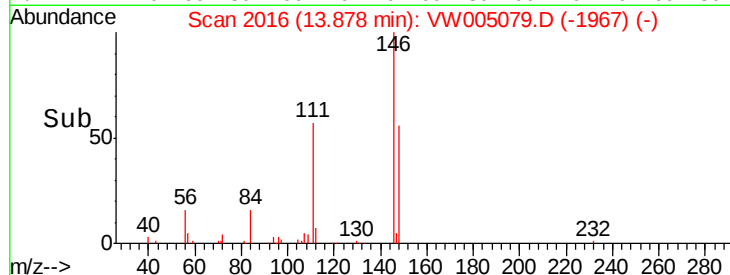
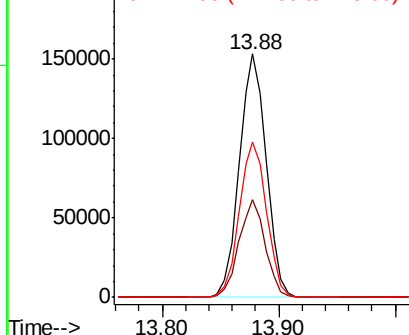


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.36 ug/l

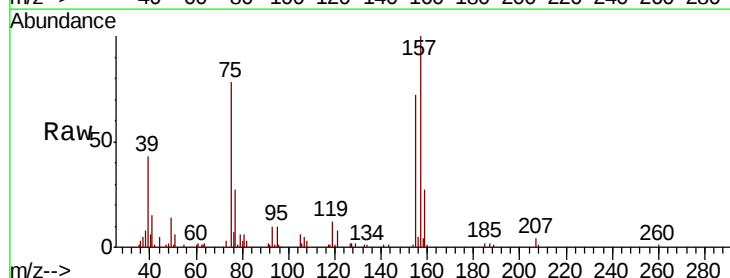
RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion:	75	Resp:	13359
Ion Ratio		Lower	Upper
75	100		
155	92.3	46.0	137.8
157	121.3	58.6	175.7

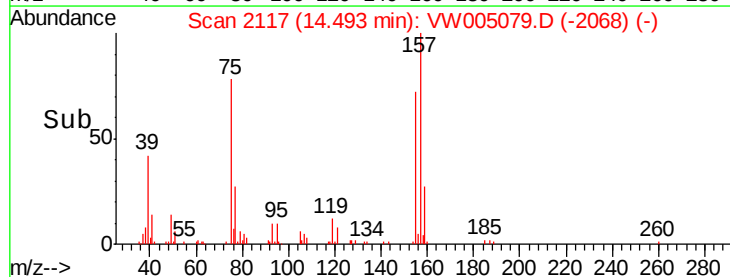
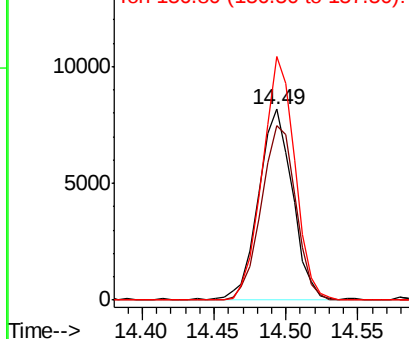


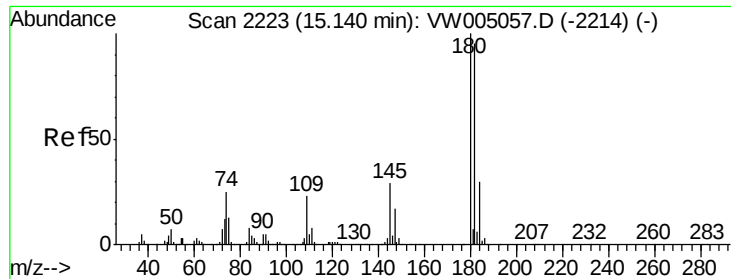
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





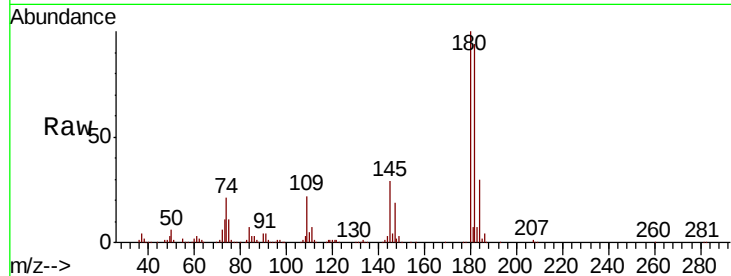
#93
 1,2,4-Trichlorobenzene
 Concen: 23.27 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.5	142.6	
145	28.6	14.4	43.2	

Manual Integrations
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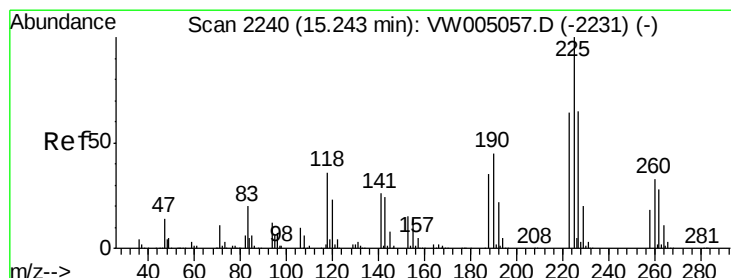
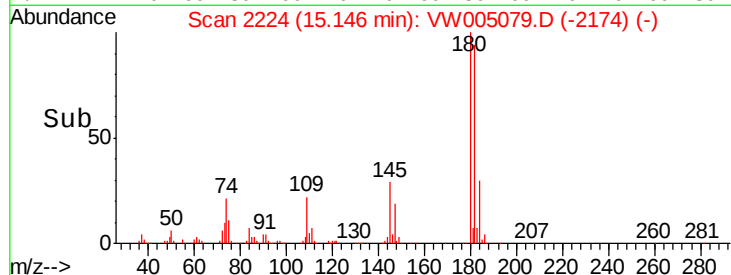
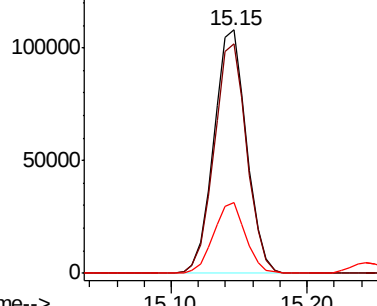


Abundance

Ion 179.80 (179.50 to 180.50): V

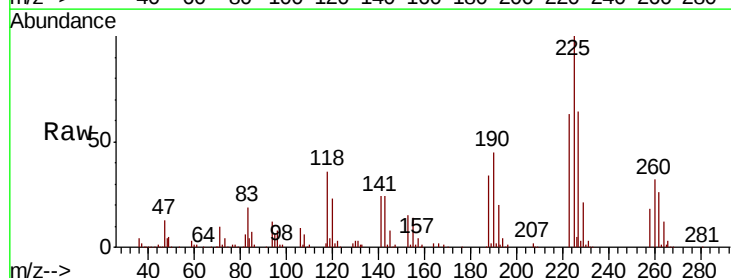
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.43 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.4	94.3	
227	63.7	32.0	96.0	

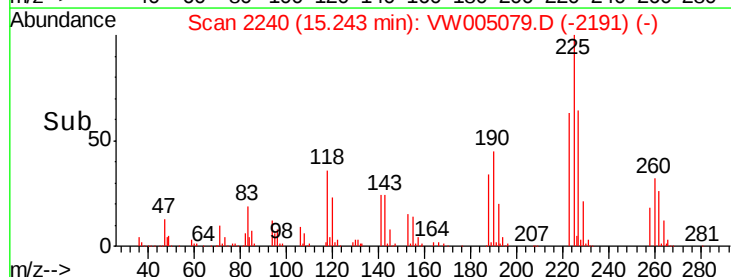
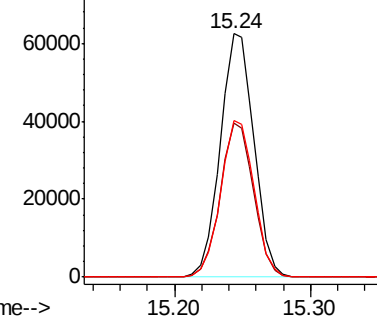


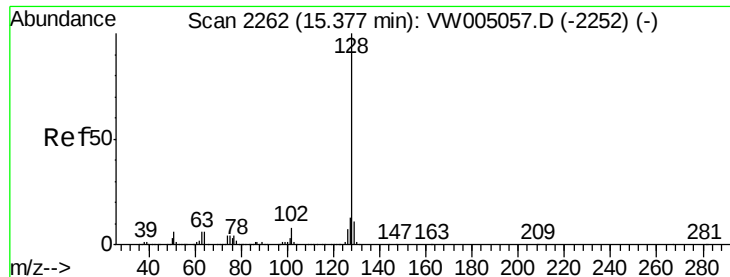
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





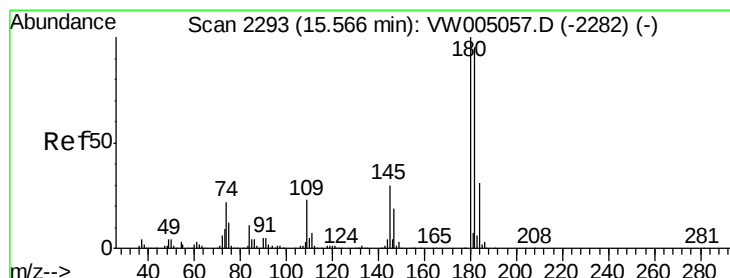
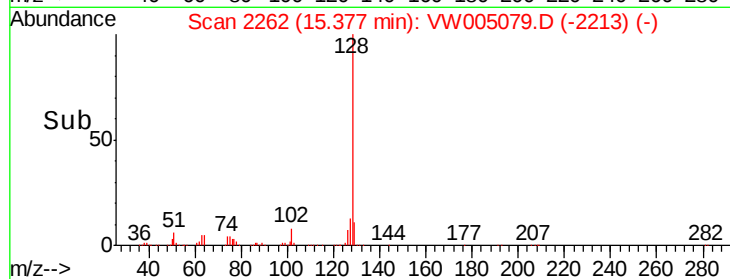
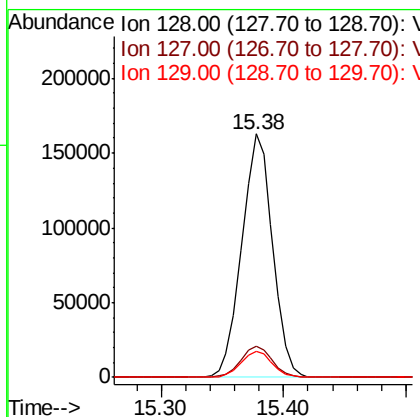
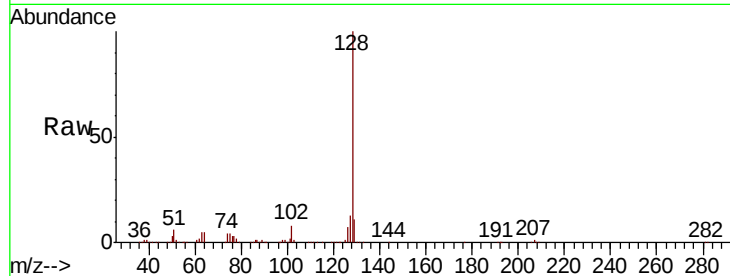
#95
Naphthalene
Concen: 23.44 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	284277		
127	12.9		10.4	15.6
129	10.8		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 23.39 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155649		
182	94.6		47.4	142.3
145	30.7		15.4	46.1

