

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005204.D
 Acq On : 07 Sep 2018 13:09
 Operator : SY/AP
 Sample : VW0907SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Manual Integrations
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 9/10/2018 10:48:38 AM

Quant Time: Sep 08 00:12:37 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	465671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	670212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	653923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	175174	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	7.89	113	168732	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
50) Toluene-d8	10.33	98	827188	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.63	95	301516	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	83586	22.27	ug/l	97
3) Chloromethane	2.21	50	117621	21.60	ug/l	98
4) Vinyl Chloride	2.36	62	111879	21.13	ug/l	99
5) Bromomethane	2.77	94	71910	19.28	ug/l	99
6) Chloroethane	2.92	64	64851	19.68	ug/l	99
7) Trichlorofluoromethane	3.26	101	124439	20.89	ug/l	98
8) Diethyl Ether	3.69	74	42058	19.51	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	88340	21.59	ug/l	97
10) Methyl Iodide	4.27	142	49880	11.35	ug/l	100
11) Tert butyl alcohol	5.20	59	25375m	106.41	ug/l	
12) 1,1-Dichloroethene	4.04	96	76910	20.42	ug/l	99
13) Acrolein	3.90	56	22385	89.34	ug/l	97
14) Allyl chloride	4.68	41	118202	20.08	ug/l	99
15) Acrylonitrile	5.38	53	88008	96.81	ug/l	100
16) Acetone	4.14	43	74361	96.05	ug/l	98
17) Carbon Disulfide	4.39	76	251754	19.19	ug/l	100
18) Methyl Acetate	4.68	43	40377	17.73	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	184056	20.13	ug/l	99
20) Methylene Chloride	4.92	84	120655	20.80	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	87271	19.02	ug/l	99
22) Diisopropyl ether	6.32	45	251762	20.33	ug/l	98
23) Vinyl Acetate	6.26	43	690770	106.18	ug/l	99
24) 1,1-Dichloroethane	6.22	63	151528	19.57	ug/l	99
25) 2-Butanone	7.18	43	135772	101.11	ug/l	99
26) 2,2-Dichloropropane	7.17	77	136411	21.44	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	94671	18.86	ug/l	95
28) Bromochloromethane	7.52	49	57895	18.58	ug/l	95
29) Tetrahydrofuran	7.54	42	69518	101.32	ug/l	96
30) Chloroform	7.68	83	149534	18.92	ug/l	97
31) Cyclohexane	7.96	56	166210	21.92	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	138904	20.18	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135333	21.20	ug/l	99
37) Ethyl Acetate	7.26	43	49838	20.88	ug/l	100
38) Carbon Tetrachloride	8.07	117	122757	20.23	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	160061	20.73	ug/l	99
40) Benzene	8.33	78	382613	19.58	ug/l	99
41) Methacrylonitrile	7.49	41	28980	20.95	ug/l	100
42) 1,2-Dichloroethane	8.40	62	92330	19.31	ug/l	100
43) Isopropyl Acetate	8.43	43	89046	20.50	ug/l	99
44) Trichloroethene	9.10	130	102877	19.51	ug/l	99
45) 1,2-Dichloropropane	9.37	63	95321	19.97	ug/l	100
46) Dibromomethane	9.46	93	42982	18.83	ug/l	97
47) Bromodichloromethane	9.65	83	112164	19.51	ug/l	98
48) Methyl methacrylate	9.44	41	44241	21.15	ug/l	90
49) 1,4-Dioxane	9.47	88	13915	376.96	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	291678	100.19	ug/l	100
52) Toluene	10.39	92	259760	19.62	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112927	20.00	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	139839	20.36	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	69563	19.68	ug/l	99
56) Ethyl methacrylate	10.65	69	77371	19.19	ug/l	97
57) 1,3-Dichloropropane	10.94	76	113413	19.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	204258	106.91	ug/l	98
59) 2-Hexanone	10.98	43	204055	103.63	ug/l	99
60) Dibromochloromethane	11.13	129	73790	18.47	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60357	18.92	ug/l	98
64) Tetrachloroethene	10.87	164	93529	18.23	ug/l	95
65) Chlorobenzene	11.66	112	285409	19.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	84090	18.69	ug/l	98
67) Ethyl Benzene	11.74	91	497673	20.00	ug/l	99
68) m/p-Xylenes	11.85	106	403230	40.47	ug/l	99
69) o-Xylene	12.17	106	182859	19.85	ug/l	99
70) Styrene	12.19	104	297681	19.56	ug/l	99
71) Bromoform	12.35	173	43175	18.11	ug/l #	99
73) Isopropylbenzene	12.47	105	501837	20.23	ug/l	100
74) N-amyl acetate	12.28	43	88052	20.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	74764	19.80	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	59958m	22.70	ug/l	
77) Bromobenzene	12.76	156	118215	19.34	ug/l	98
78) n-propylbenzene	12.81	91	621446	20.75	ug/l	99
79) 2-Chlorotoluene	12.90	91	350933	20.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	429364	20.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	21515	19.61	ug/l	96
82) 4-Chlorotoluene	12.99	91	367338	19.91	ug/l	100
83) tert-Butylbenzene	13.21	119	365439	20.40	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	433917	19.86	ug/l	99
85) sec-Butylbenzene	13.39	105	547185	20.78	ug/l	99
86) p-Isopropyltoluene	13.51	119	475910	20.42	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	244248	19.45	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	240948	19.34	ug/l	98
89) n-Butylbenzene	13.83	91	447174	20.70	ug/l	99
90) Hexachloroethane	14.10	117	74157	19.16	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	212726	19.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11461	19.42	ug/l	96

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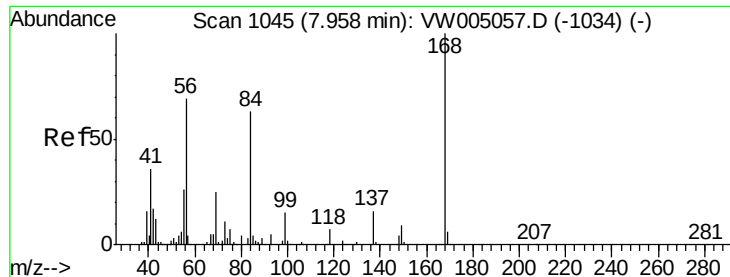
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	142083	19.36	ug/l	99
94) Hexachlorobutadiene	15.25	225	93612	20.51	ug/l	100
95) Naphthalene	15.38	128	215172	19.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	120013	19.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion:168 Resp: 465671

Ion Ratio Lower Upper

168 100

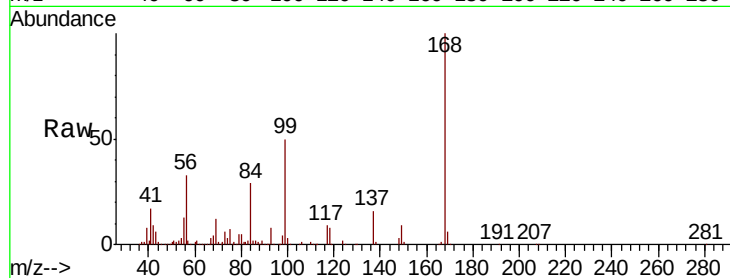
99 50.3 39.4 59.0

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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

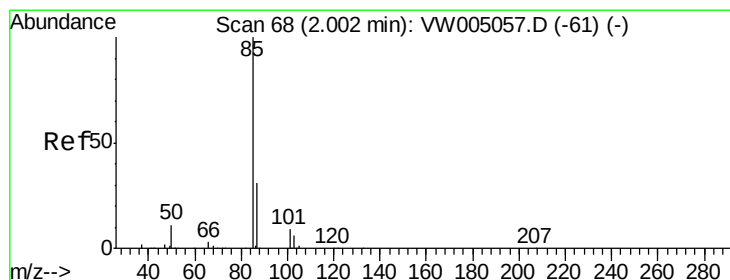
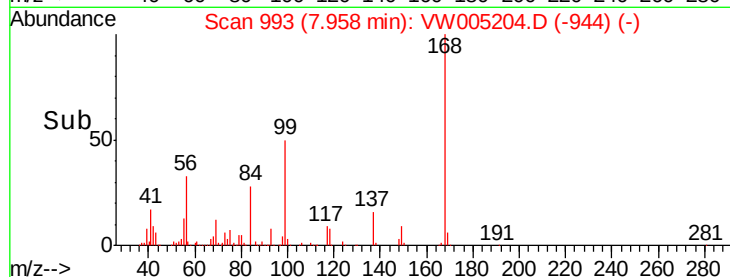
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.27 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005204.D

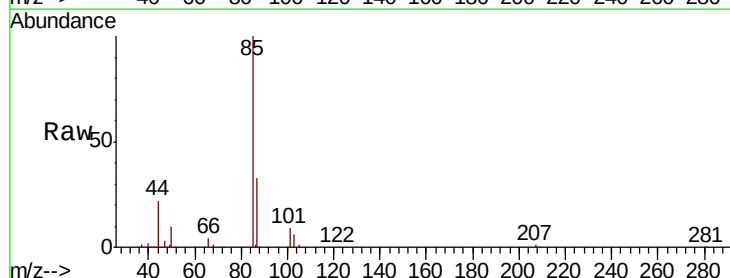
Acq: 07 Sep 2018 13:09

Tgt Ion: 85 Resp: 83586

Ion Ratio Lower Upper

85 100

87 33.0 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

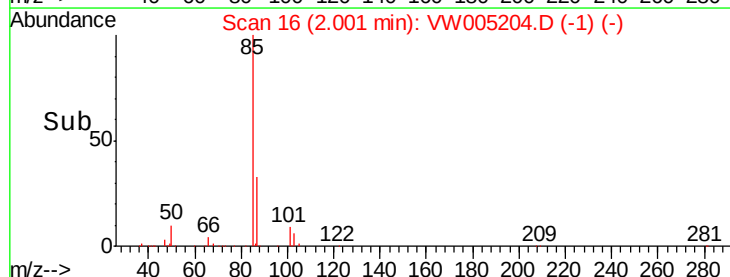
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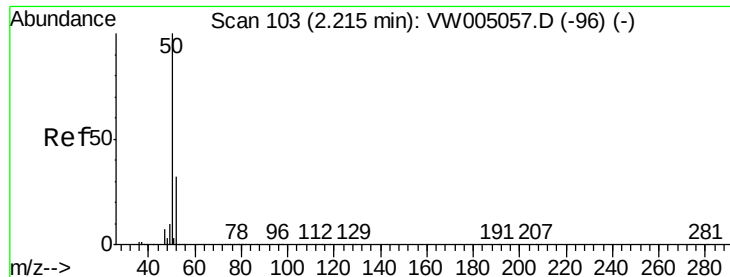
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 21.60 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampled :

VW0907SBS01

Tot Ion: 50 Resp: 117621

Ion Ratio Lower Upper

50 100

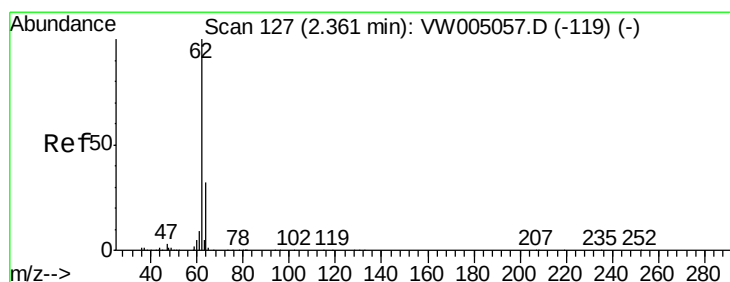
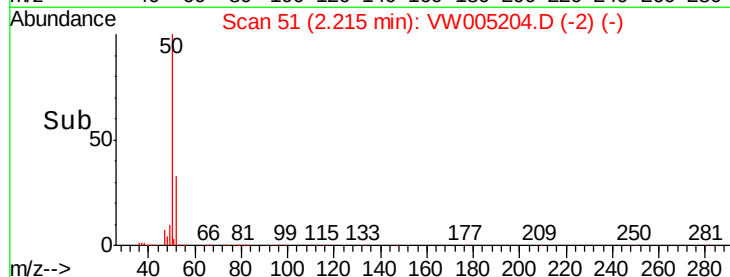
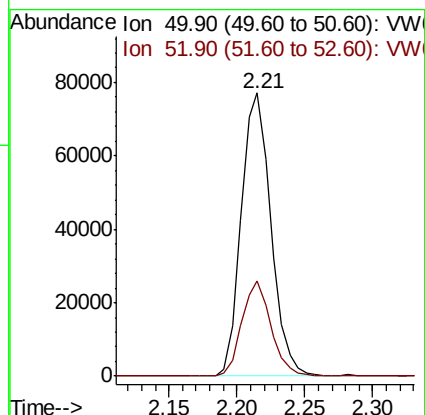
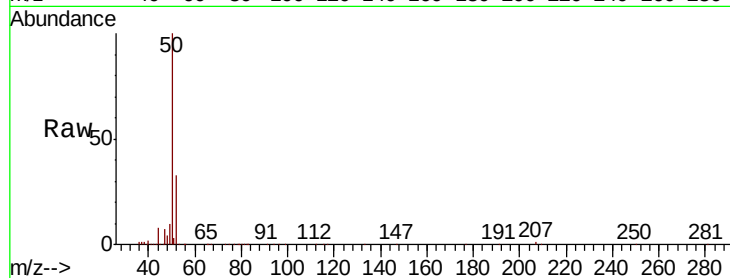
52 33.4 25.8 38.6

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#4

Vinyl Chloride

Concen: 21.13 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005204.D

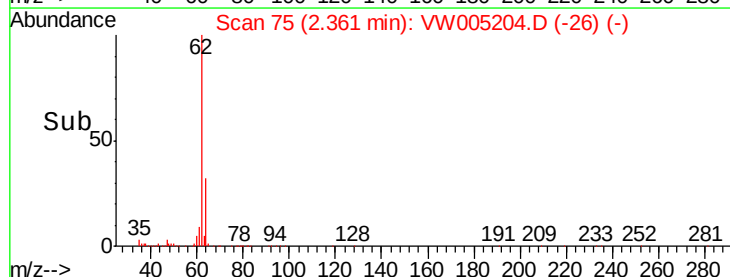
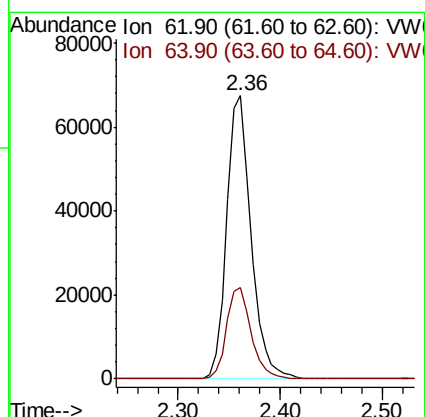
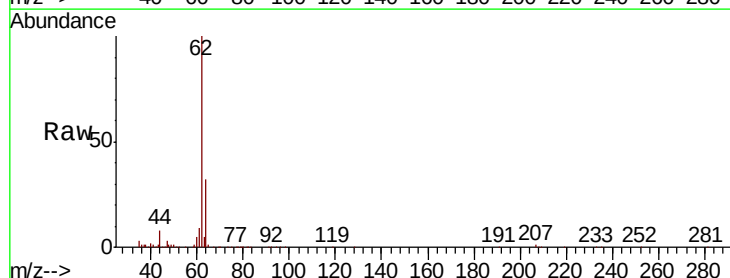
Acq: 07 Sep 2018 13:09

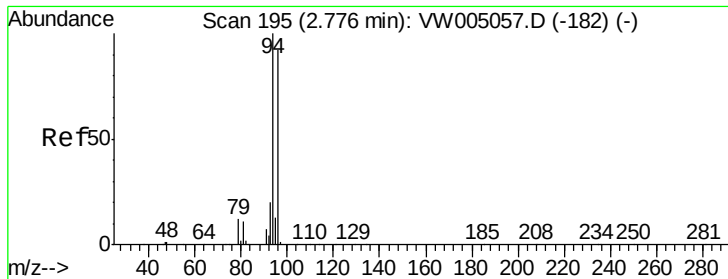
Tgt Ion: 62 Resp: 111879

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 19.28 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 94 Resp: 71910

Ion Ratio Lower Upper

94 100

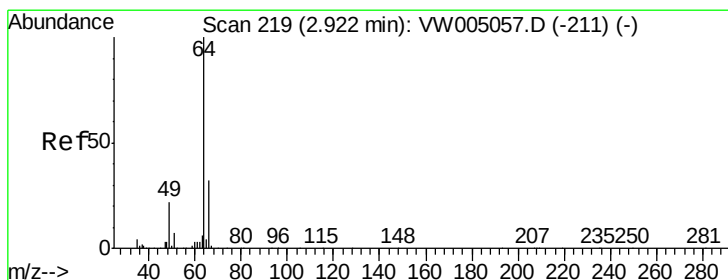
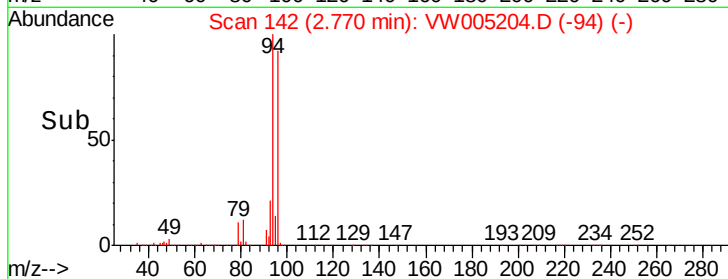
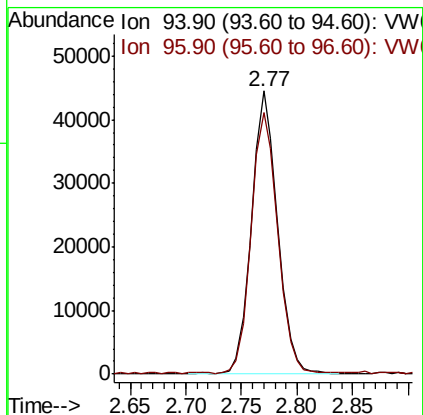
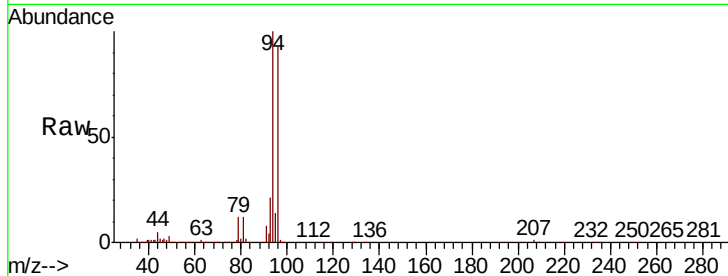
96 92.2 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 19.68 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005204.D

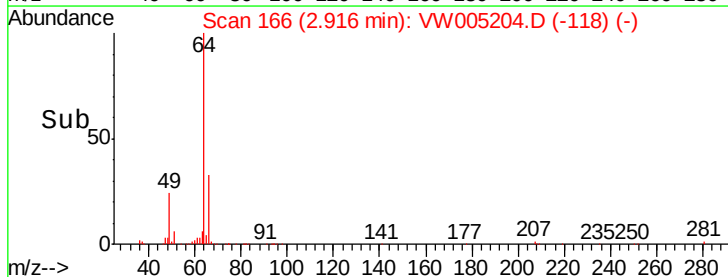
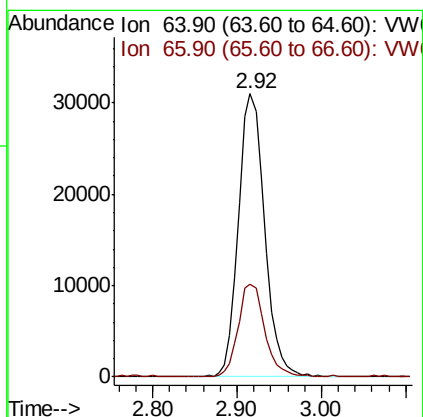
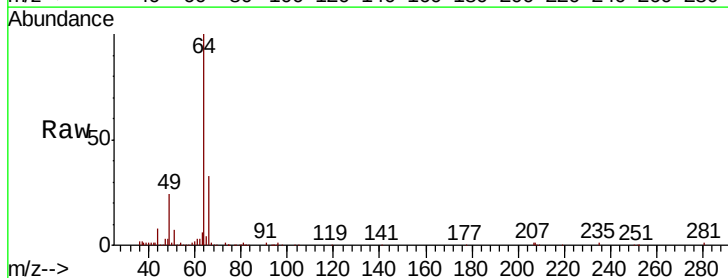
Acq: 07 Sep 2018 13:09

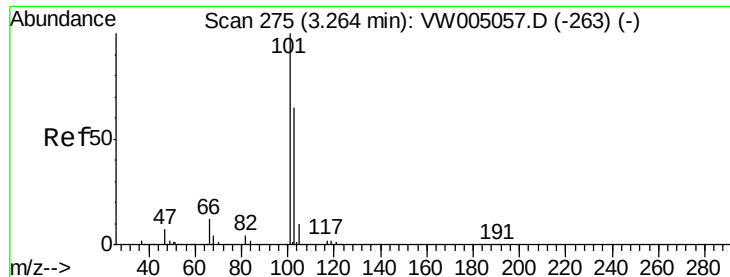
Tgt Ion: 64 Resp: 64851

Ion Ratio Lower Upper

64 100

66 32.5 25.7 38.5





#7

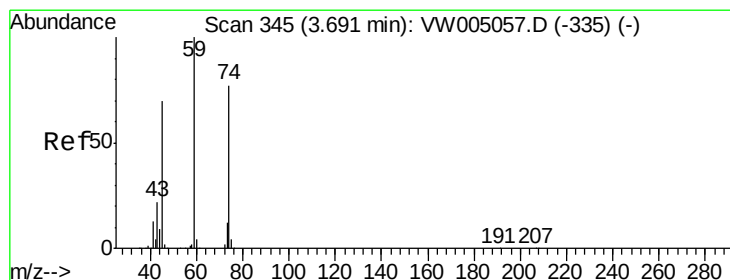
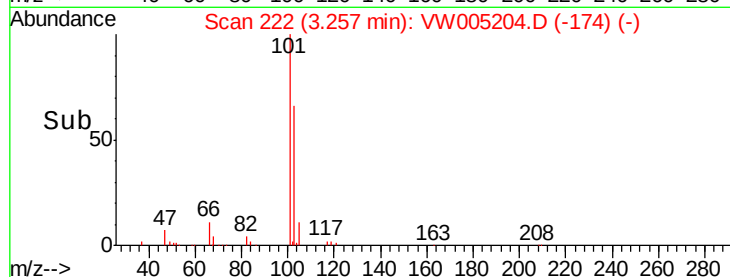
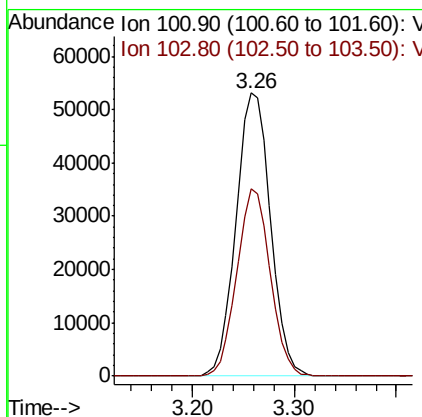
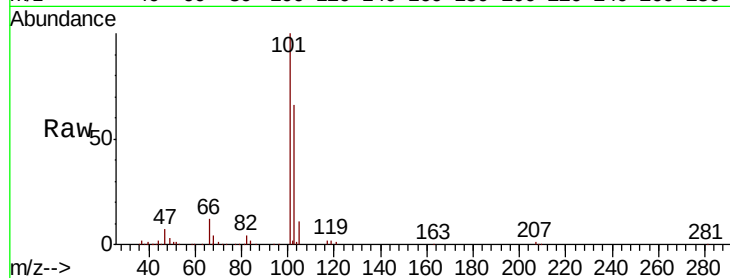
Trichlorofluoromethane
Concen: 20.89 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

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ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.9	77.9

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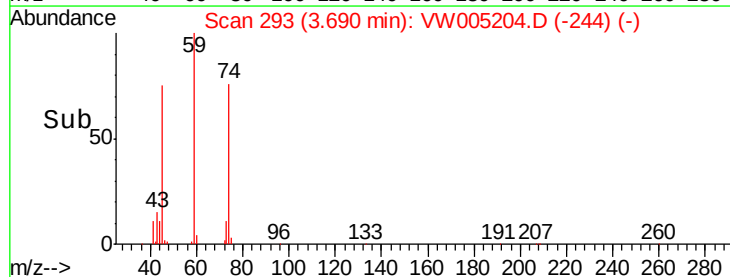
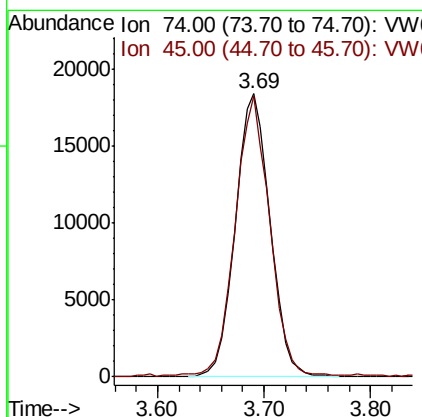
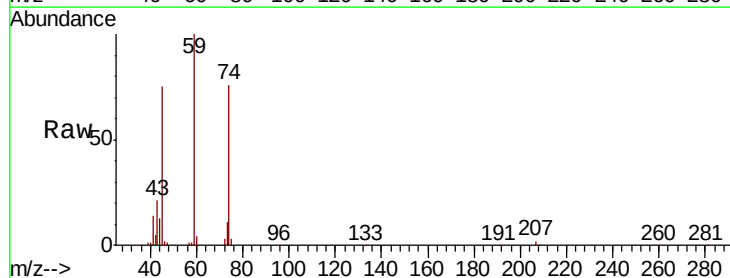
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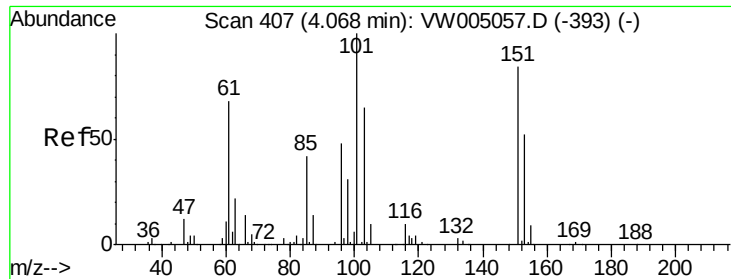


#8

Diethyl Ether
Concen: 19.51 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.59 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

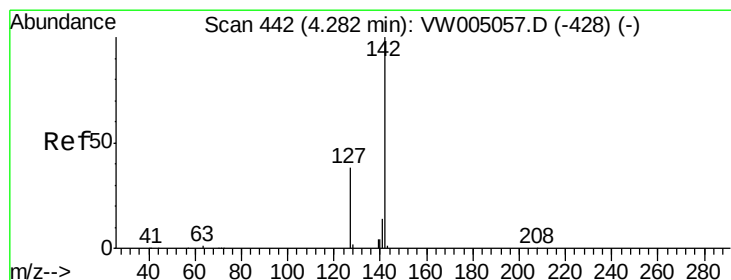
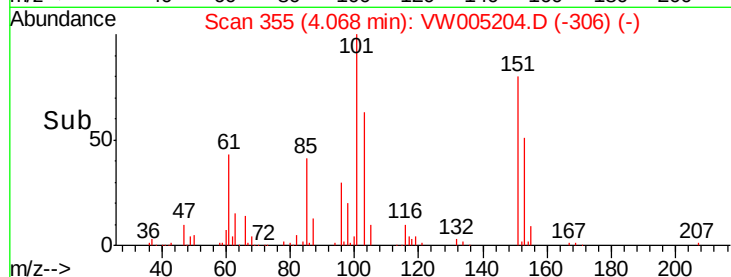
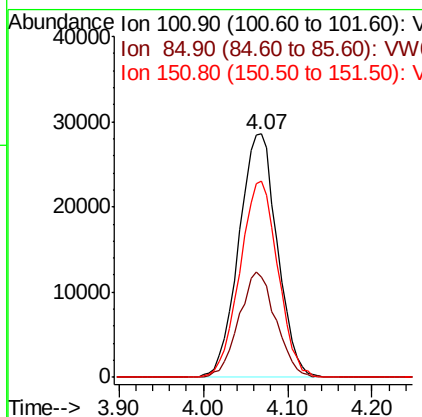
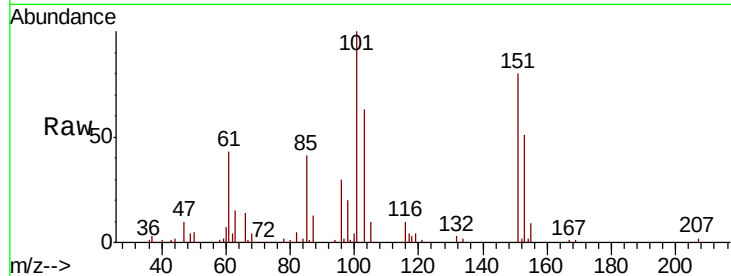
ClientSampleId :

VW0907SBS01

Tot Ion:	101	Resp:	88340
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.0	49.6
151	79.8	67.0	100.6

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#10

Methyl Iodide

Concen: 11.35 ug/l

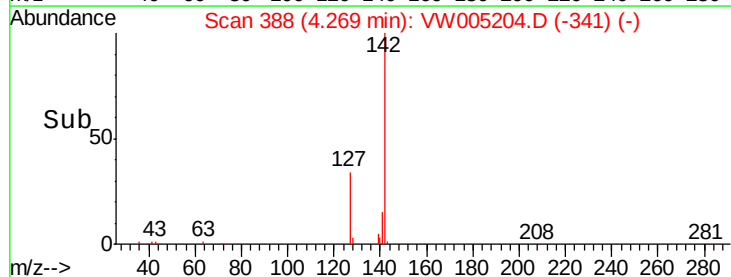
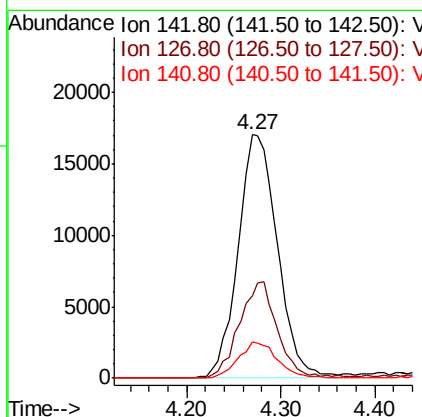
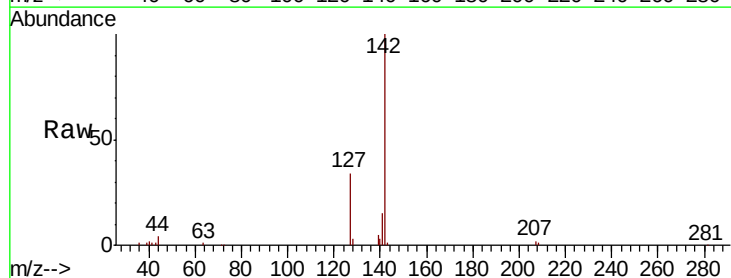
RT: 4.27 min Scan# 388

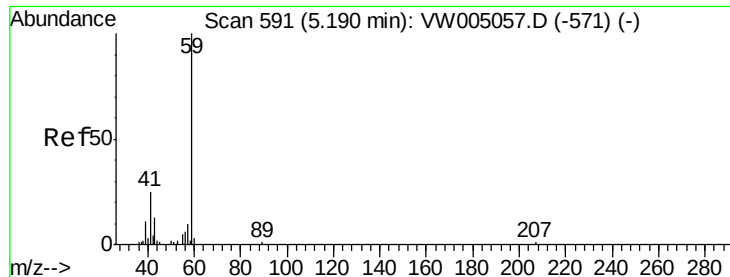
Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	142	Resp:	49880
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.8	46.2
141	14.6	11.6	17.4





#11

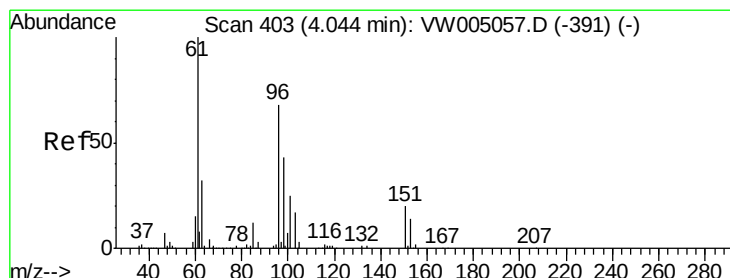
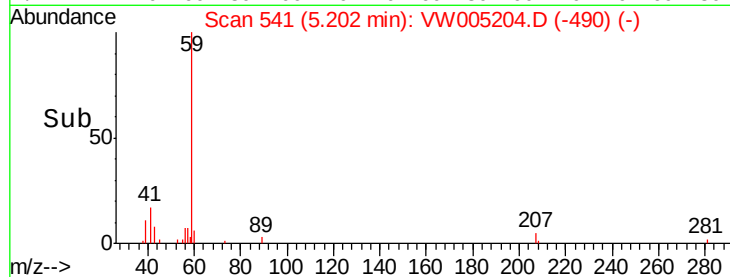
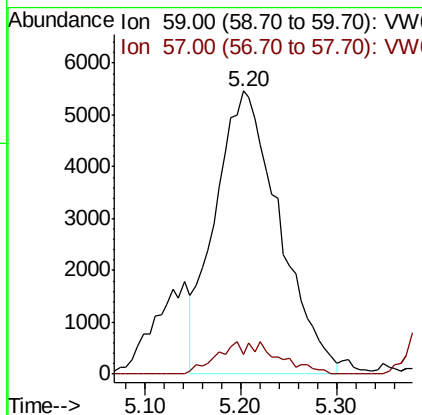
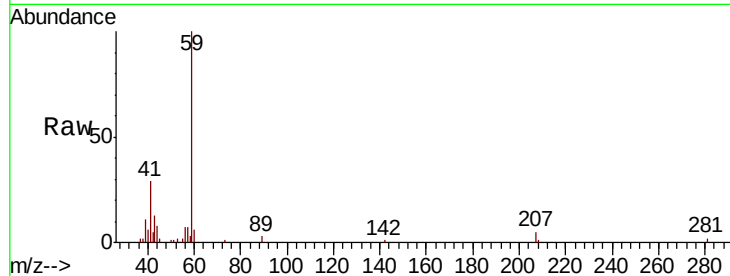
Tert butyl alcohol
Concen: 106.41 ug/l m
RT: 5.20 min Scan# 541
Delta R.T. 0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion: 59 Resp: 25375
Ion Ratio Lower Upper
59 100
57 4.7 8.6 12.8#

Manual Integrations
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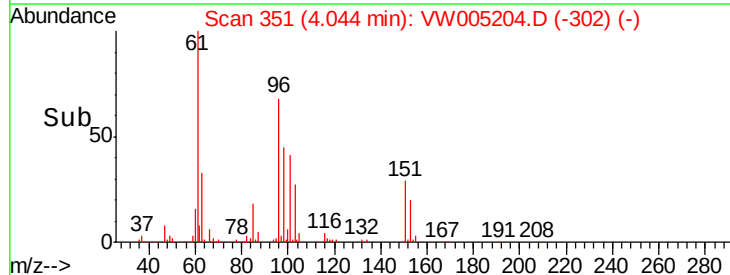
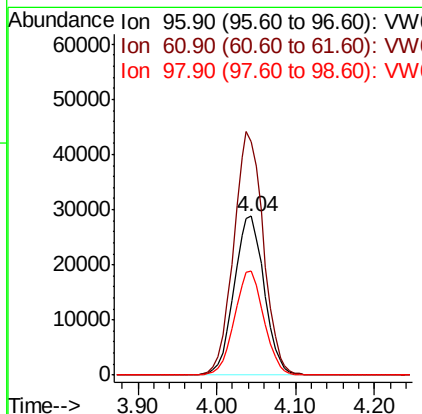
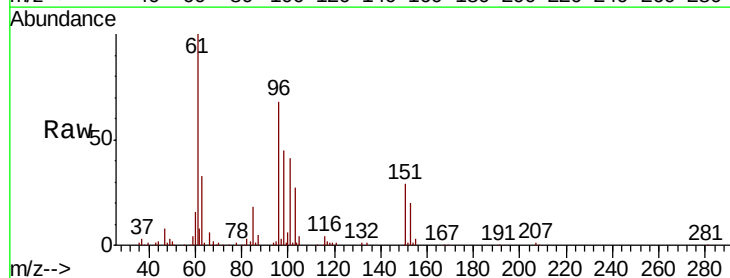
apatel
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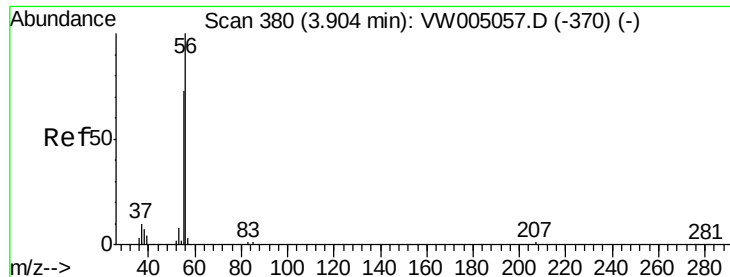


#12

1,1-Dichloroethene
Concen: 20.42 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 96 Resp: 76910
Ion Ratio Lower Upper
96 100
61 146.4 117.4 176.0
98 65.4 51.0 76.4





#13

Acrolein

Concen: 89.34 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 56 Resp: 22385

Ion Ratio Lower Upper

56 100

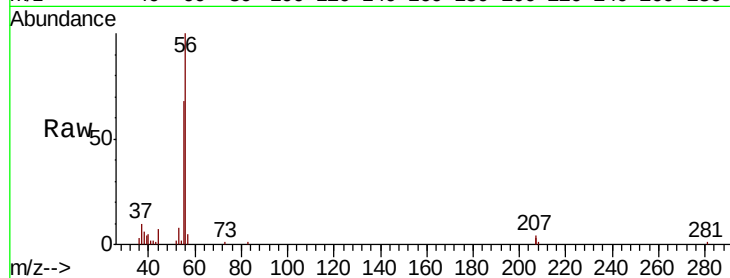
55 69.8 58.1 87.1

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

10000

8000

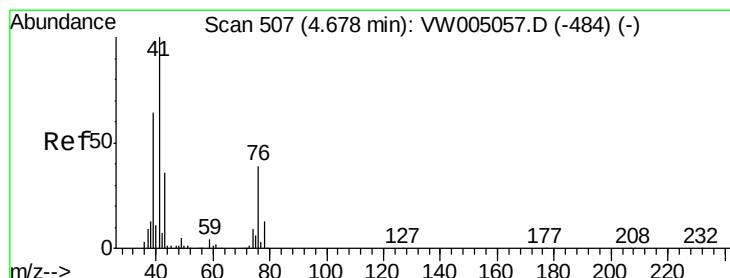
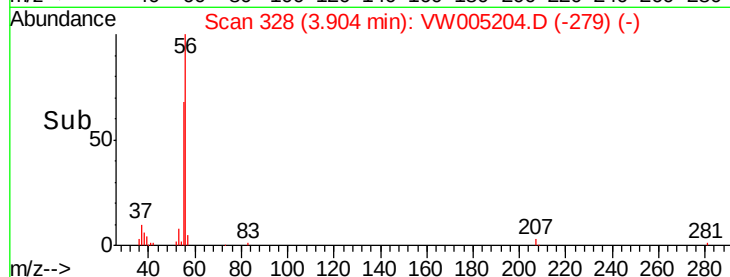
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 20.08 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

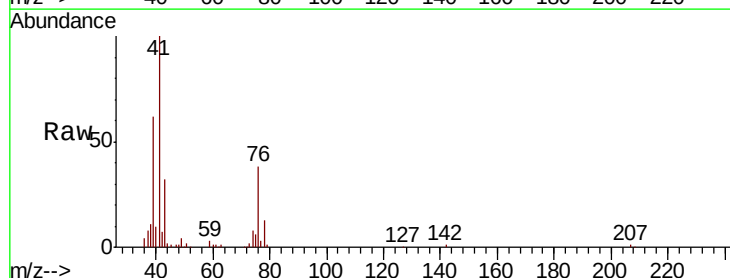
Tgt Ion: 41 Resp: 118202

Ion Ratio Lower Upper

41 100

39 62.0 49.4 74.2

76 38.0 31.8 47.6



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

50000

40000

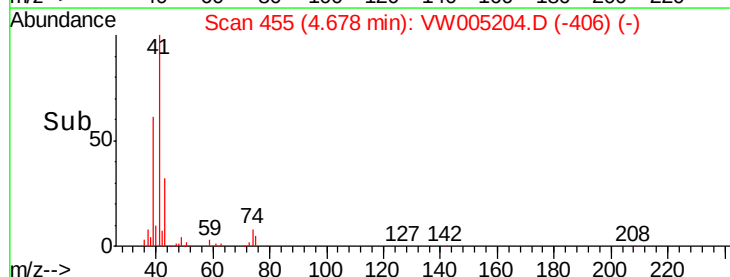
30000

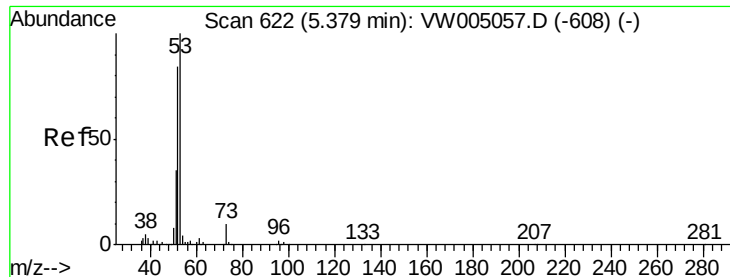
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 96.81 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

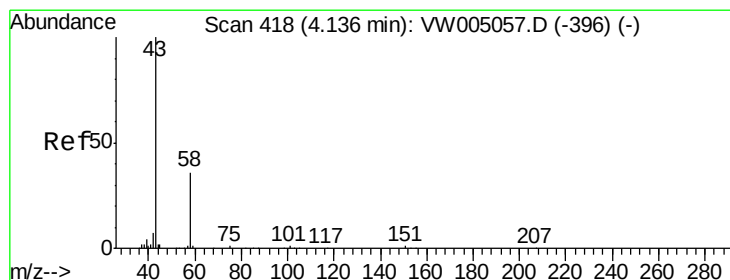
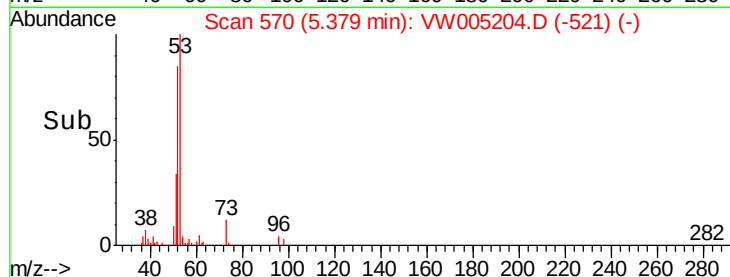
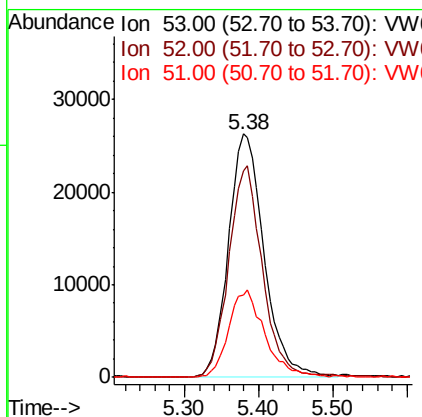
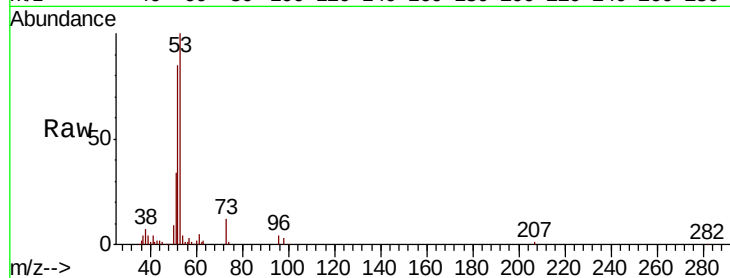
ClientSampleId :

VW0907SBS01

Tot Ion:	53	Resp:	88008
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.7	98.5
51	36.4	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 96.05 ug/l

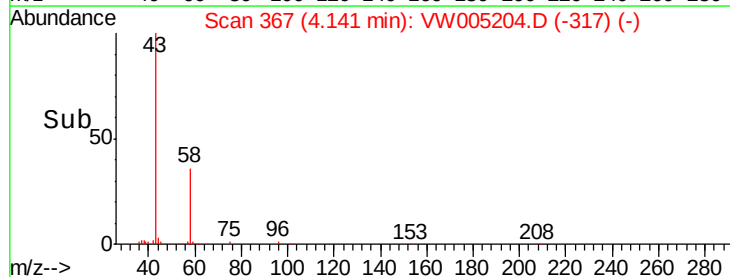
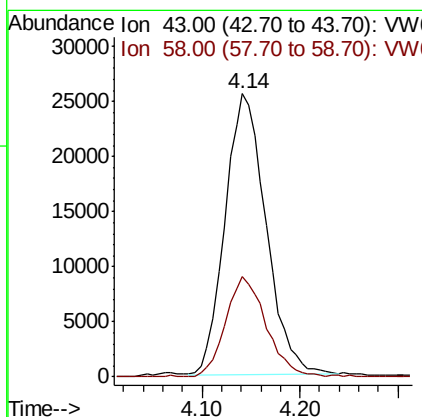
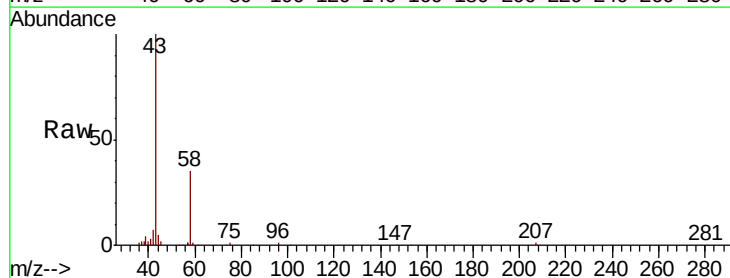
RT: 4.14 min Scan# 367

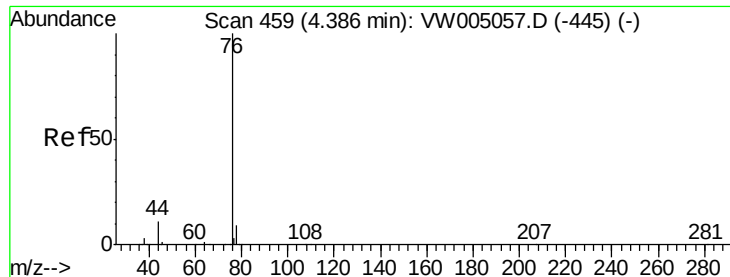
Delta R.T. 0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	43	Resp:	74361
Ion Ratio	Lower	Upper	
43	100		
58	35.2	29.0	43.6





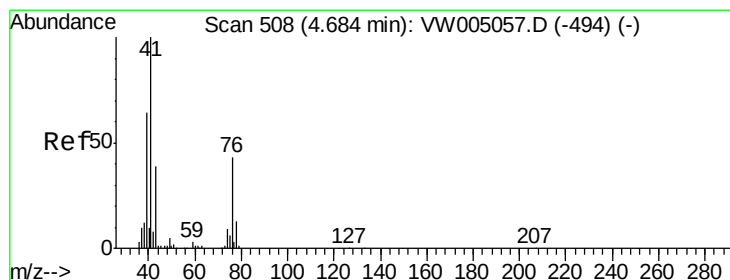
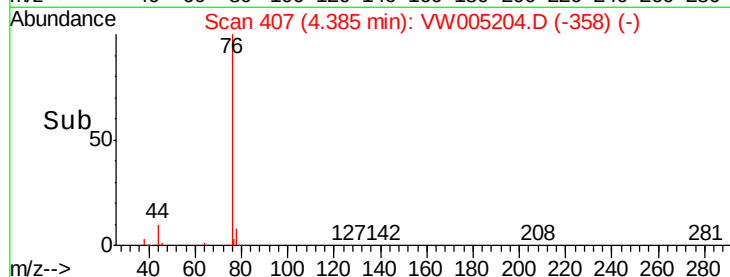
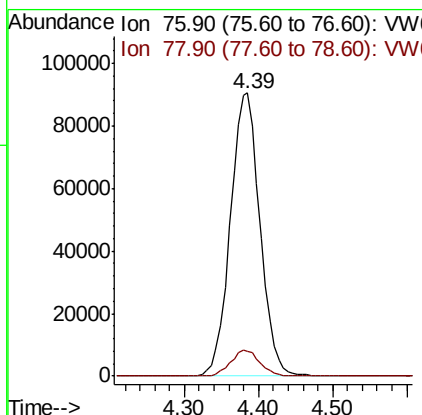
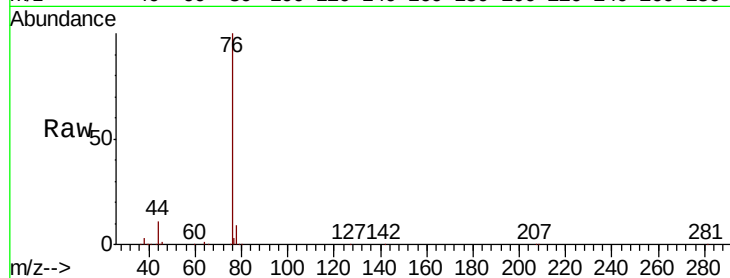
#17
Carbon Disulfide
Concen: 19.19 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

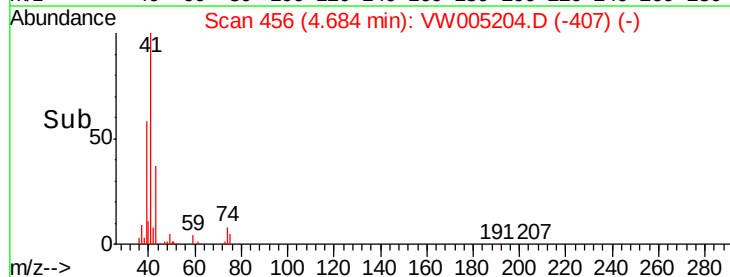
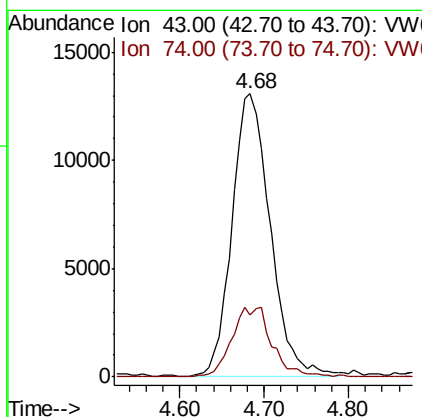
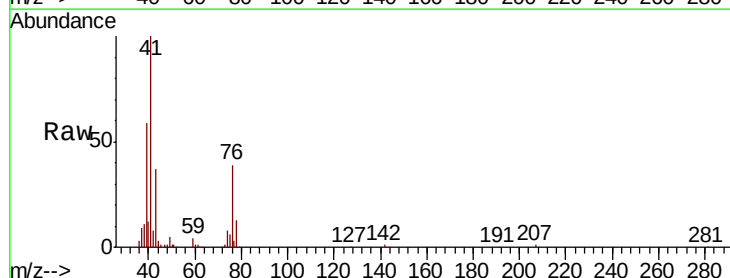
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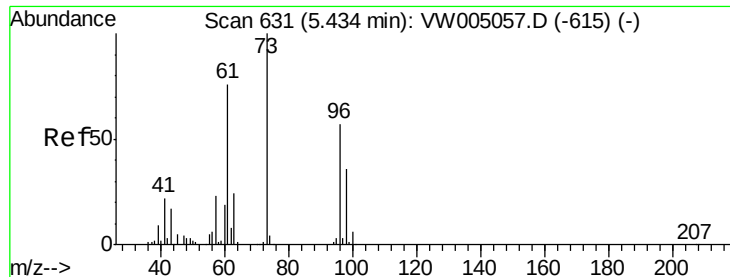
apatel
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#18
Methyl Acetate
Concen: 17.73 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.7	31.1





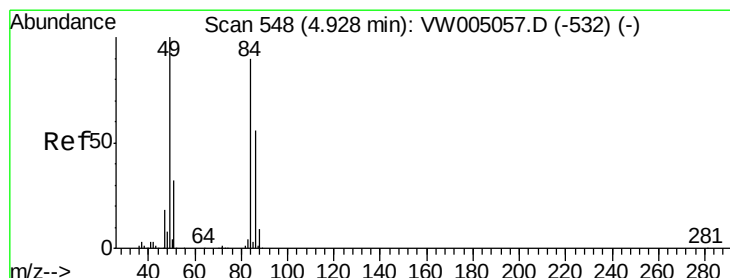
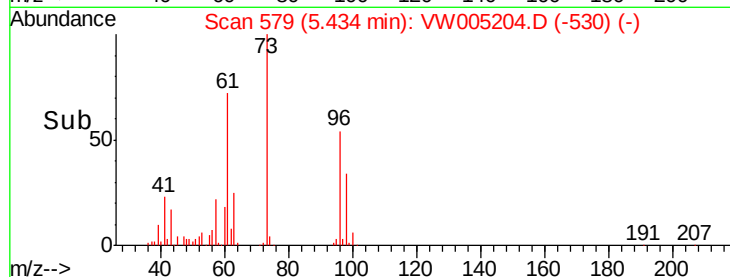
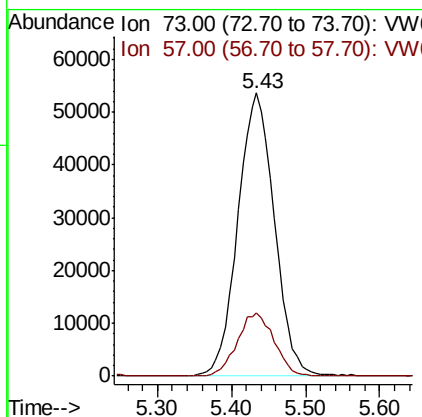
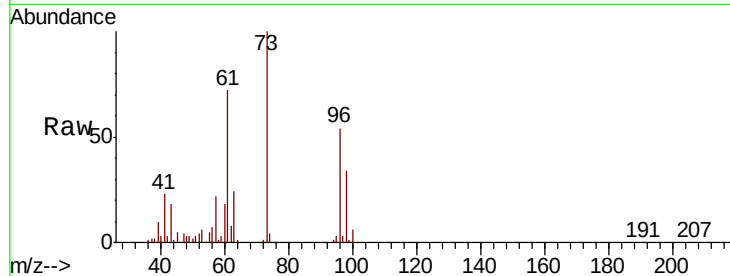
#19
Methyl tert-butyl Ether
Concen: 20.13 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion: 73 Resp: 184056
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

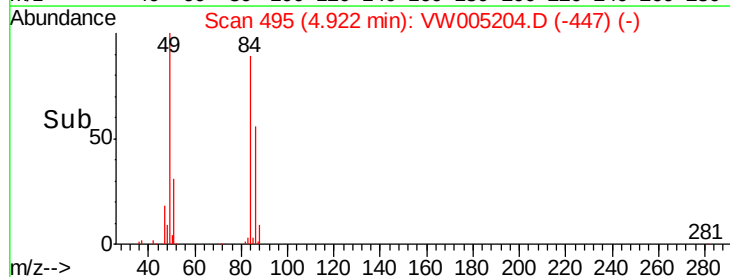
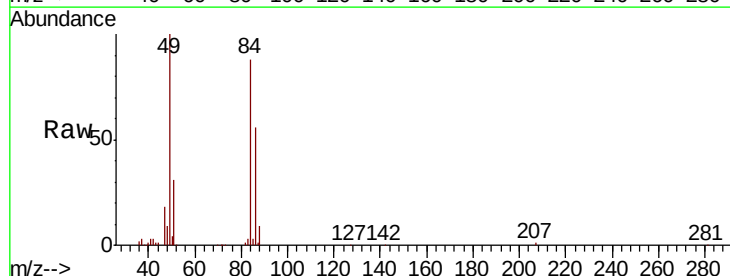
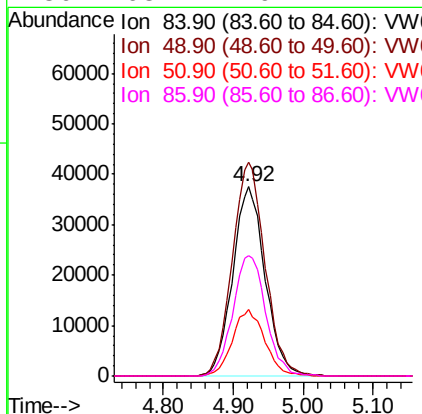
Manual Integrations
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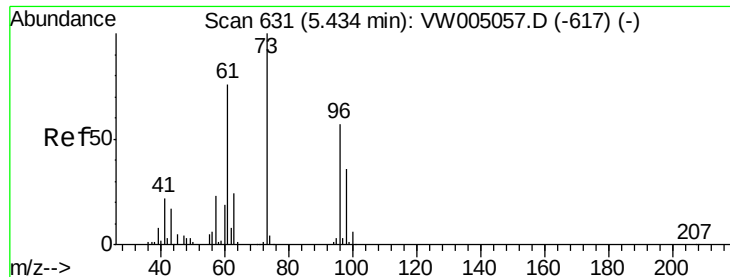
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#20
Methylene Chloride
Concen: 20.80 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 84 Resp: 120655
Ion Ratio Lower Upper
84 100
49 113.0 88.7 133.1
51 35.1 28.6 42.8
86 63.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 19.02 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

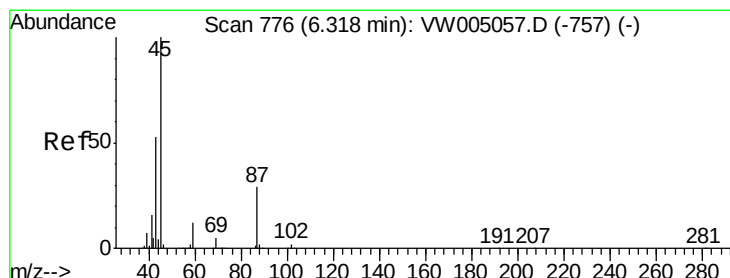
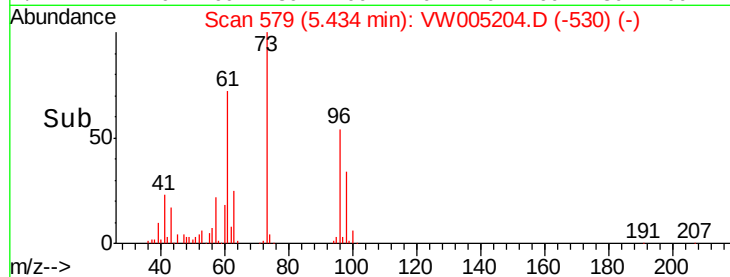
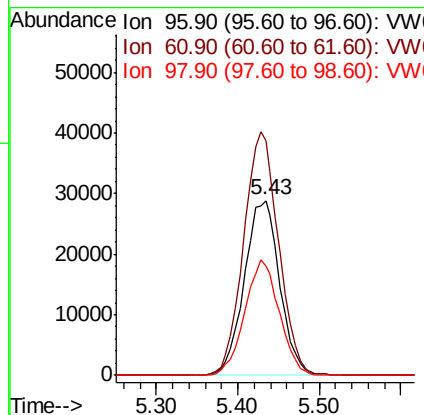
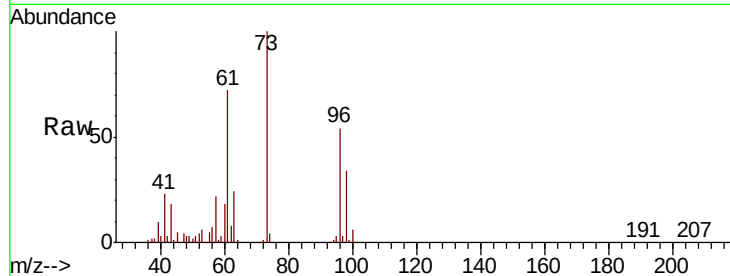
ClientSampleId :

VW0907SBS01

Tot Ion:	96	Resp:	87271
Ion	Ratio	Lower	Upper
96	100		
61	134.2	106.3	159.5
98	62.4	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.33 ug/l

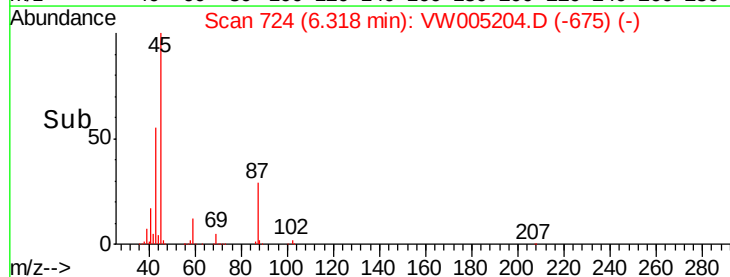
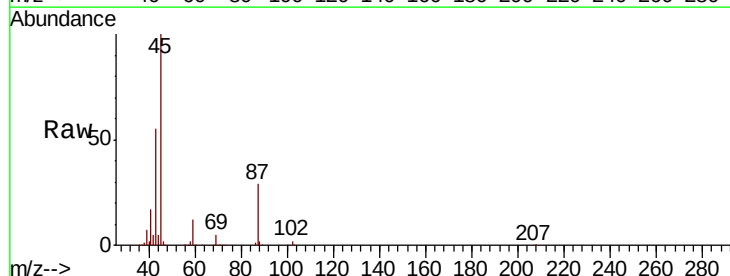
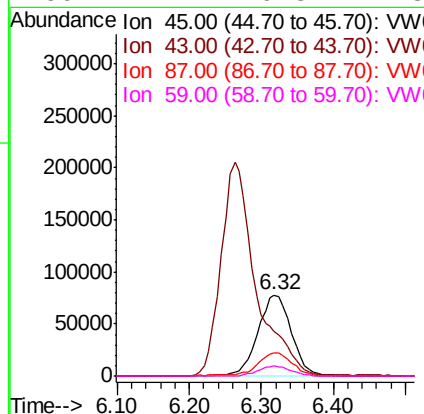
RT: 6.32 min Scan# 724

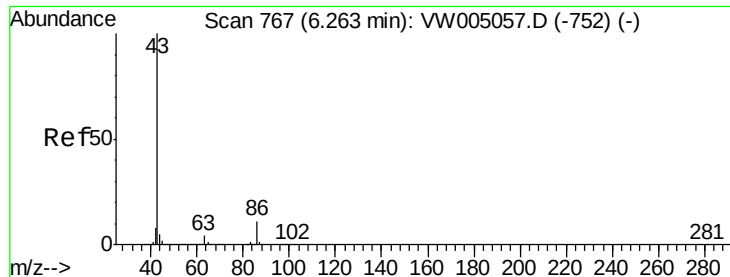
Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	45	Resp:	251762
Ion	Ratio	Lower	Upper
45	100		
43	55.0	42.6	63.8
87	28.8	23.6	35.4
59	12.1	9.8	14.8





#23

Vinyl Acetate

Concen: 106.18 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 43 Resp: 690770

Ion Ratio Lower Upper

43 100

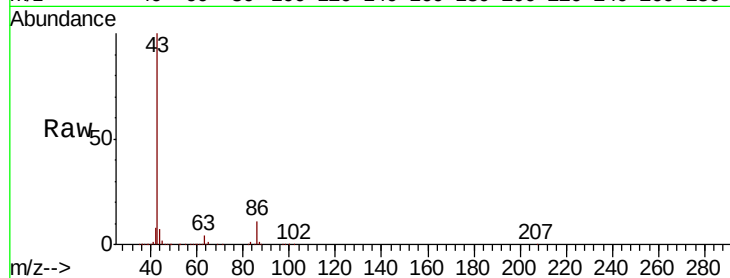
86 10.9 9.0 13.4

Manual Integrations

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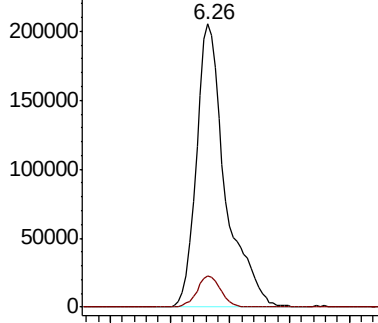
apatel

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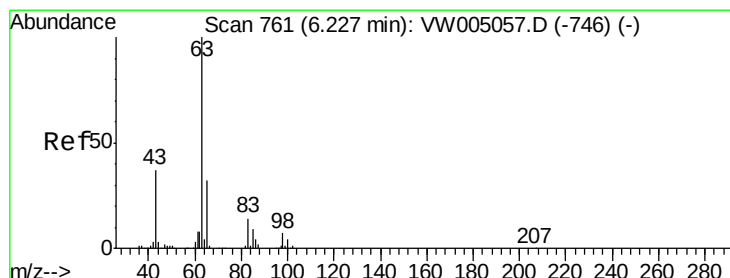
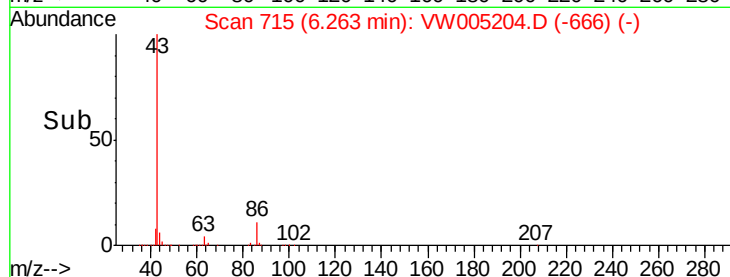


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 19.57 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

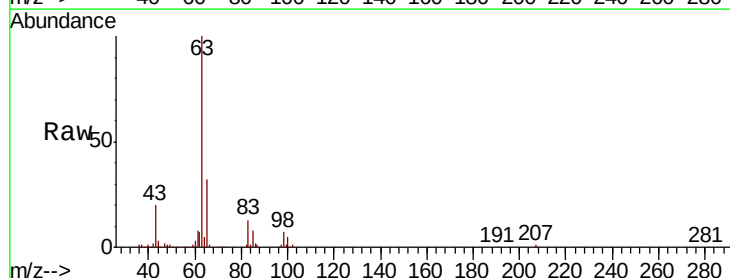
Tgt Ion: 63 Resp: 151528

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

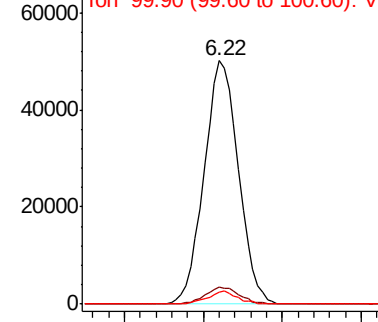
100 5.0 2.2 6.6



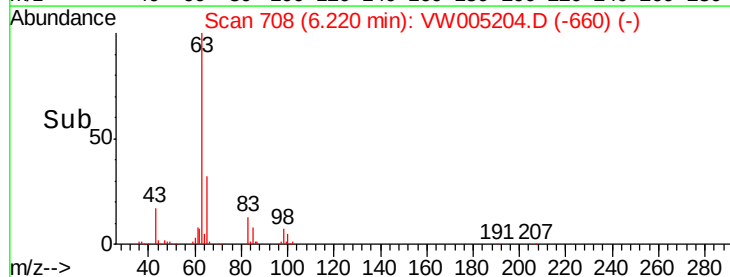
Abundance Ion 62.90 (62.60 to 63.60): VW

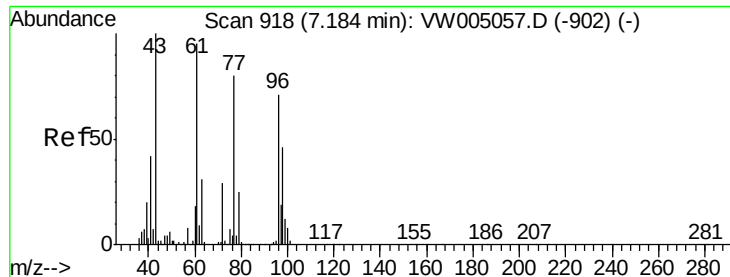
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 101.11 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampled :

VW0907SBS01

Tot Ion: 43 Resp: 135772

Ion Ratio Lower Upper

43 100

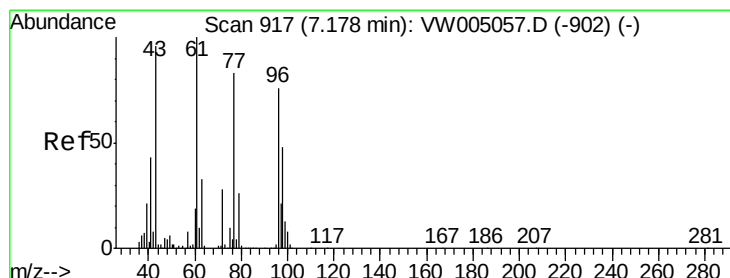
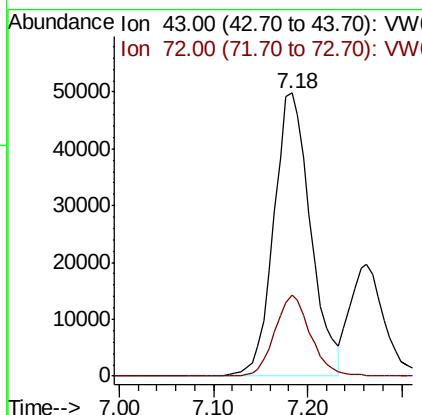
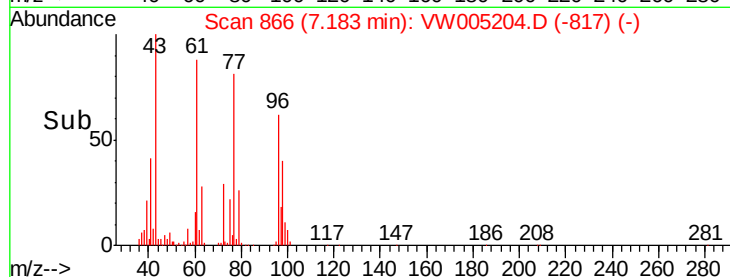
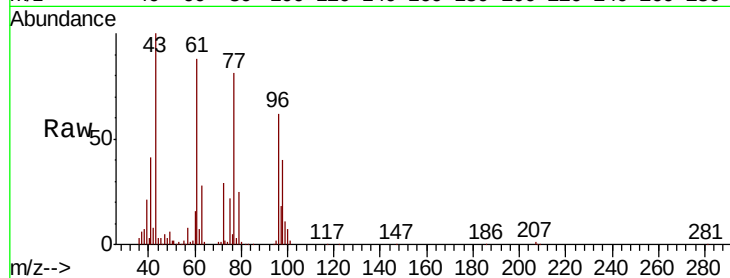
72 28.6 23.1 34.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.44 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005204.D

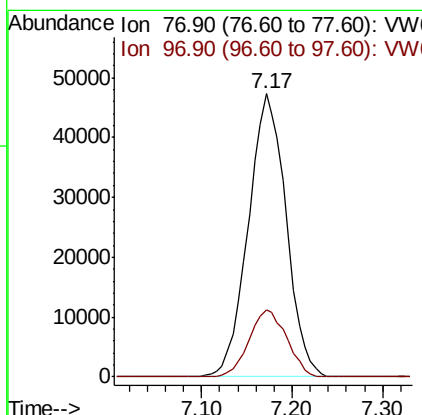
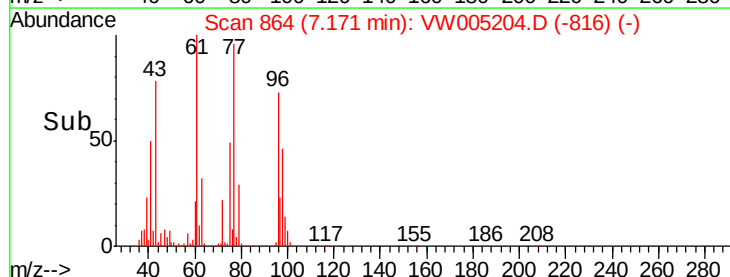
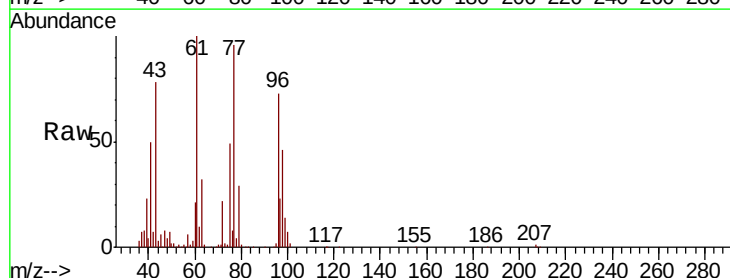
Acq: 07 Sep 2018 13:09

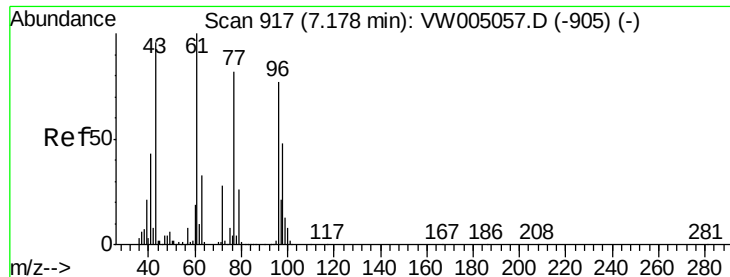
Tgt Ion: 77 Resp: 136411

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 18.86 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

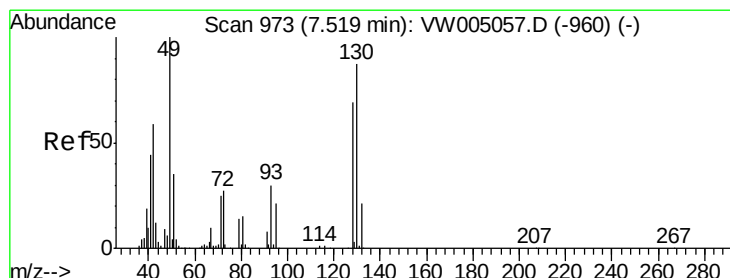
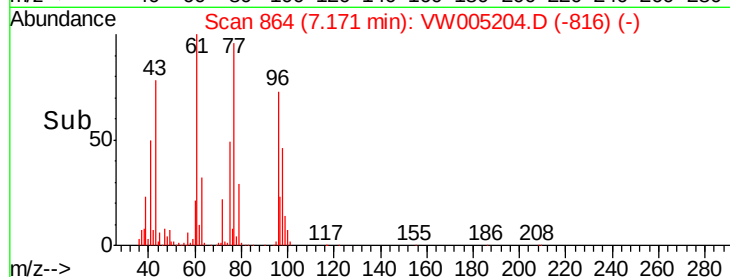
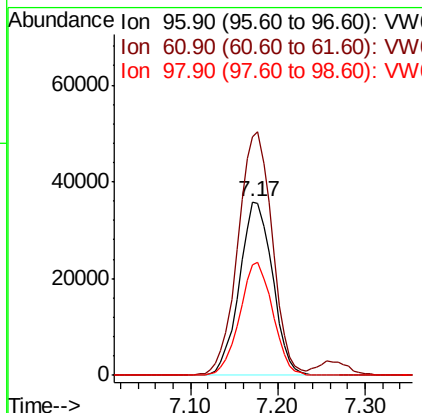
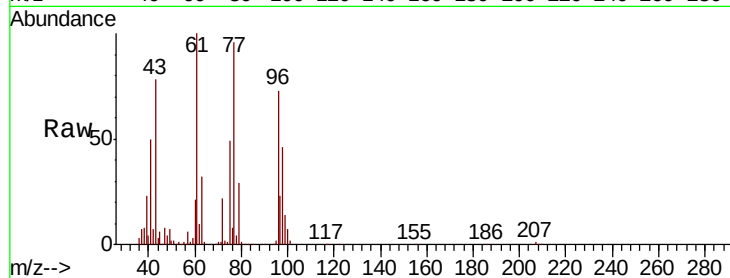
ClientSampleId :

VW0907SBS01

Tot Ion:	96	Resp:	94671
Ion Ratio	Lower	Upper	
96	100		
61	145.1	0.0	273.2
98	64.6	0.0	127.8

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#28

Bromochloromethane

Concen: 18.58 ug/l

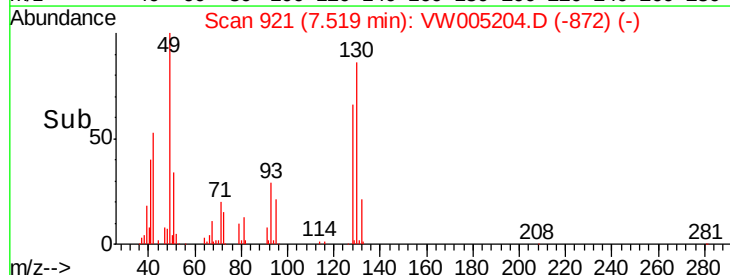
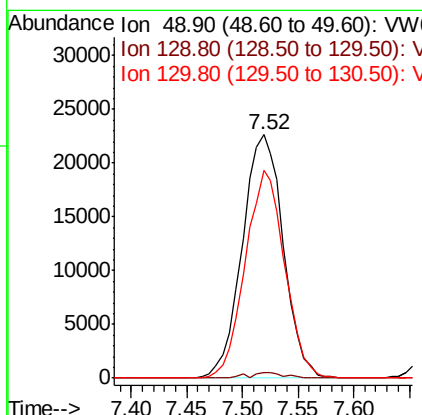
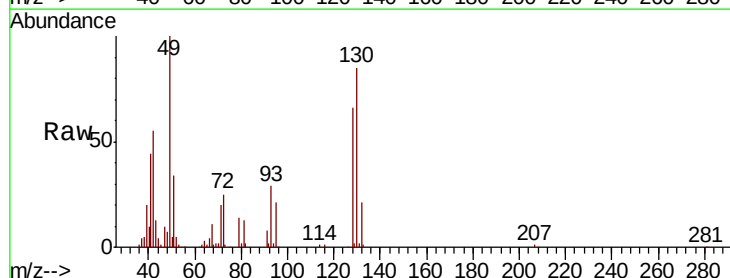
RT: 7.52 min Scan# 921

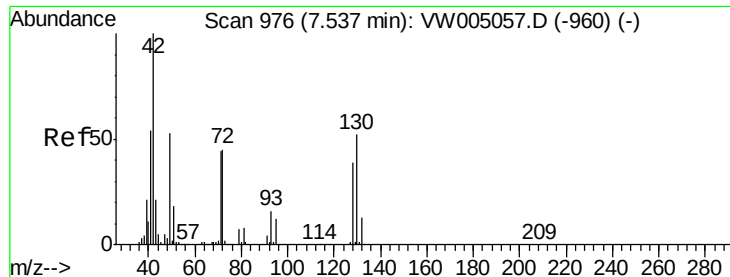
Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	49	Resp:	57895
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	4.4
130	82.0	69.6	104.4





#29

Tetrahydrofuran

Concen: 101.32 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

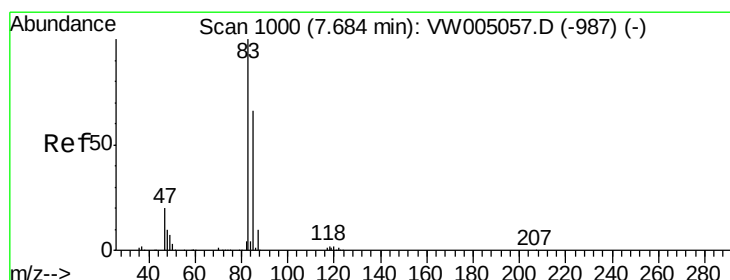
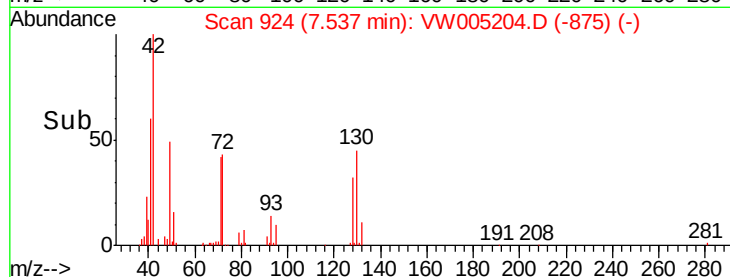
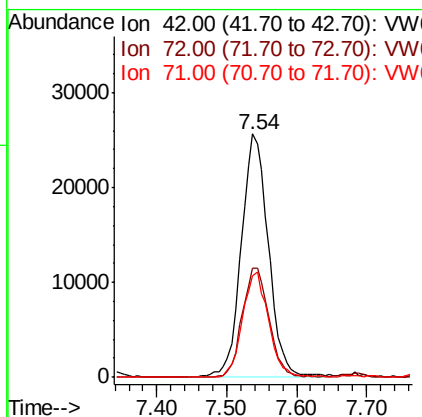
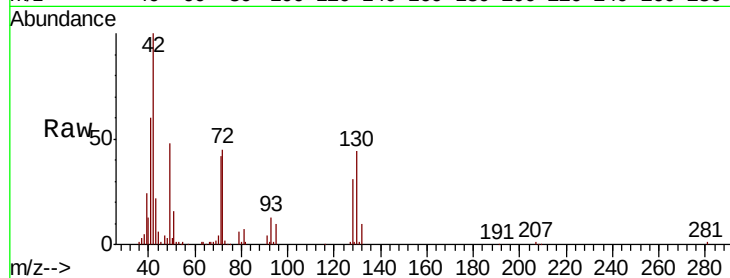
ClientSampleId :

VW0907SBS01

Tot Ion:	42	Resp:	69518
Ion	Ratio	Lower	Upper
42	100		
72	43.8	37.0	55.4
71	41.0	35.0	52.6

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#30

Chloroform

Concen: 18.92 ug/l

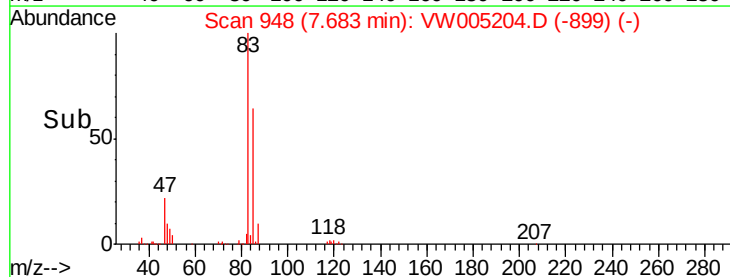
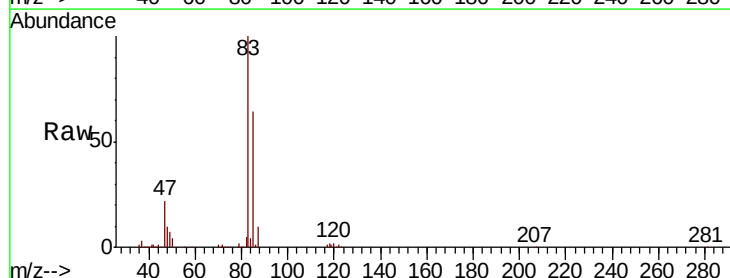
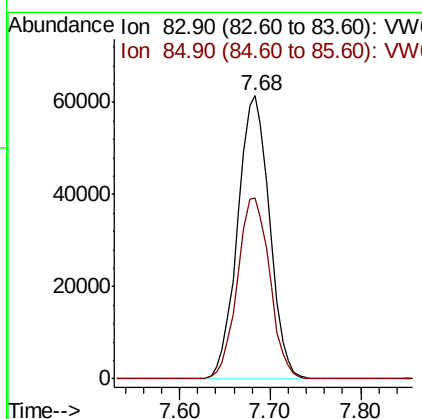
RT: 7.68 min Scan# 948

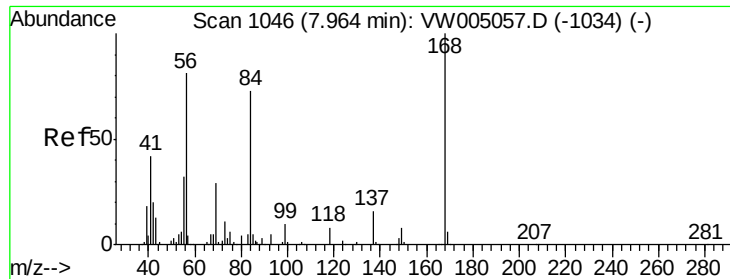
Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	83	Resp:	149534
Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.1	79.7





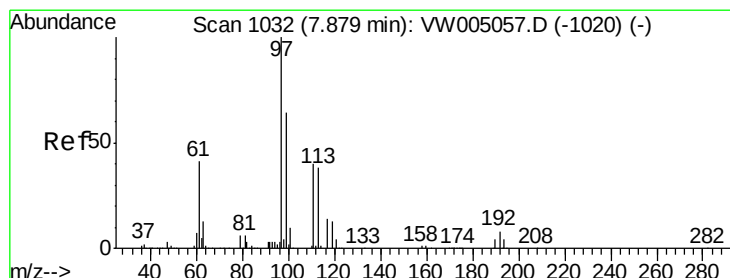
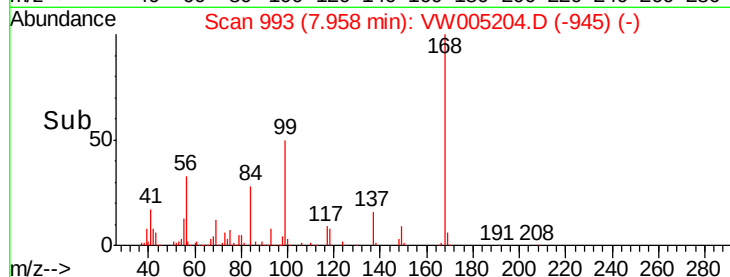
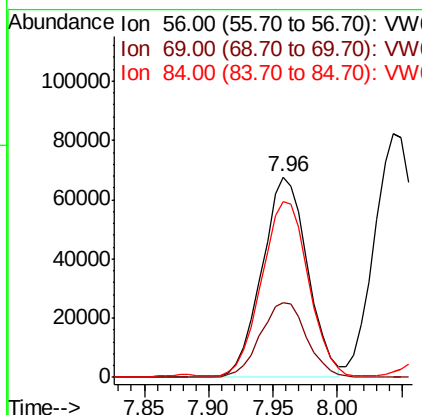
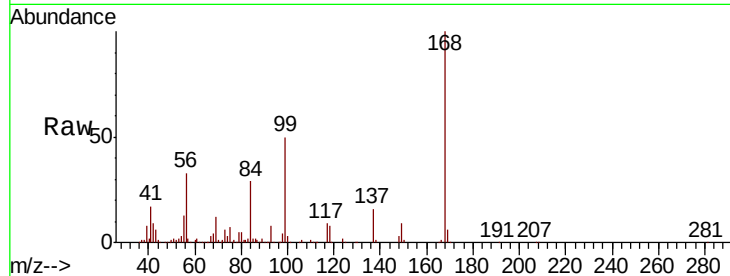
#31
Cyclohexane
Concen: 21.92 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	28.2	42.2
84	86.6	71.8	107.8

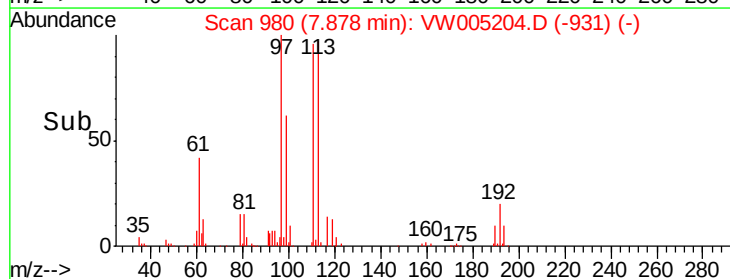
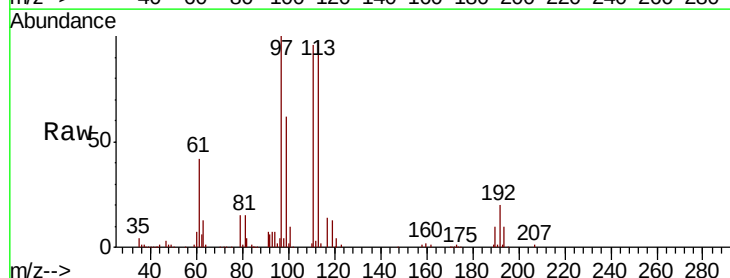
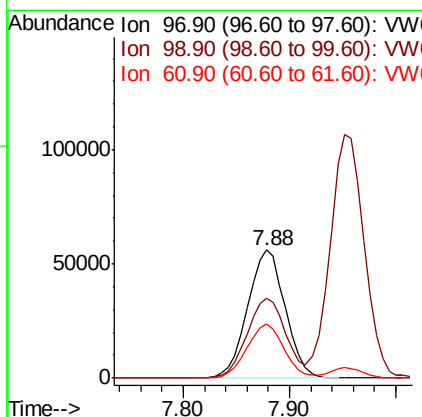
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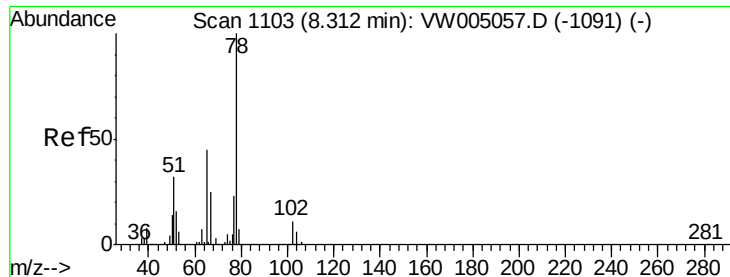
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.18 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	42.2	33.2	49.8





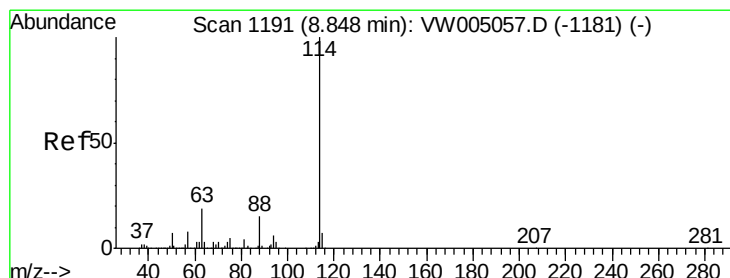
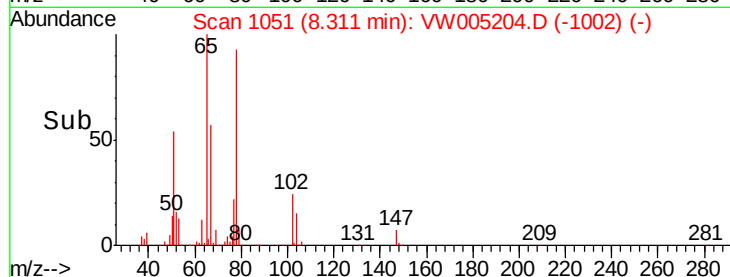
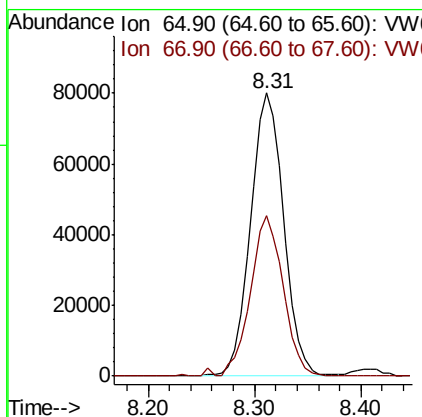
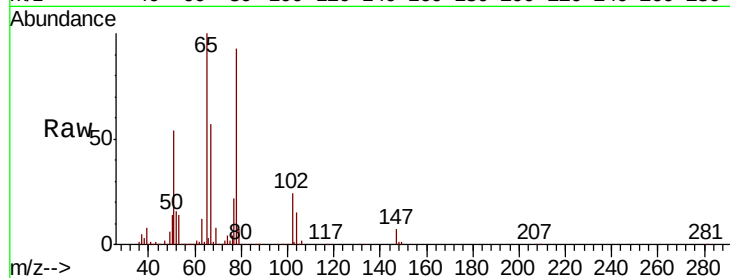
#33
 1,2-Dichloroethane-d4
 Concen: 45.38 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.8	0.0	109.4	

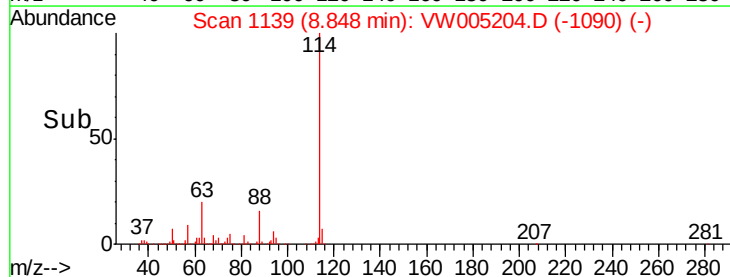
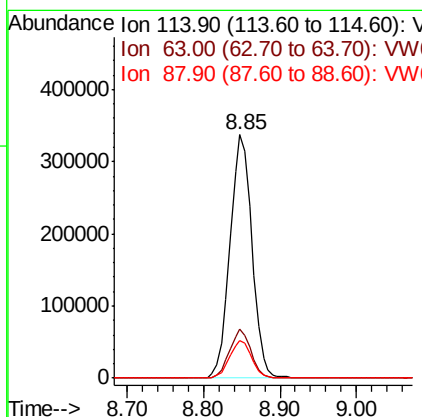
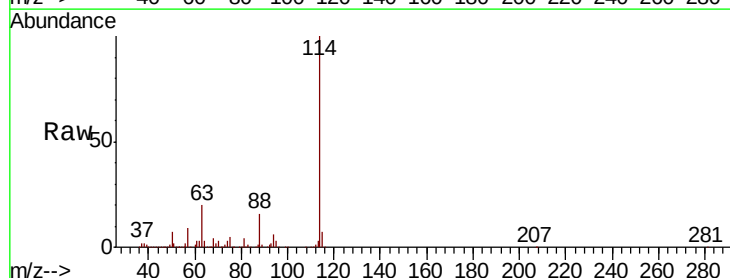
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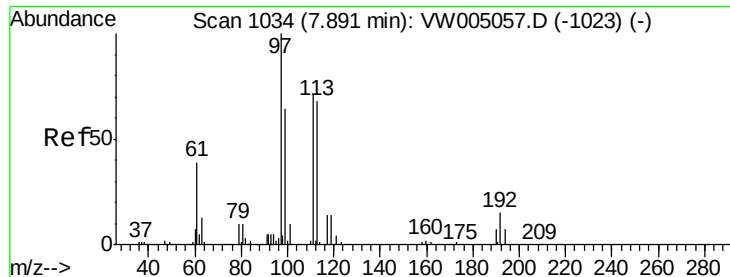
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	38.0	
88	15.5	0.0	30.2	





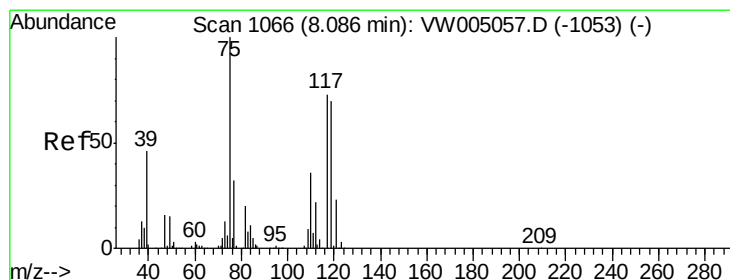
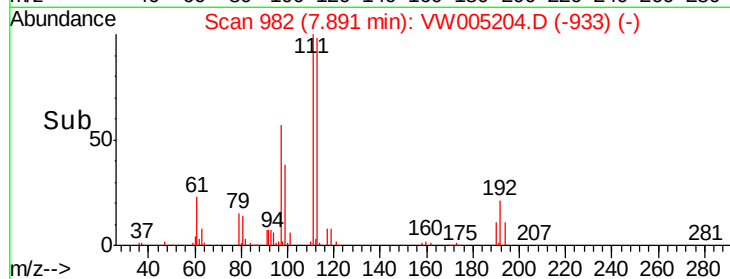
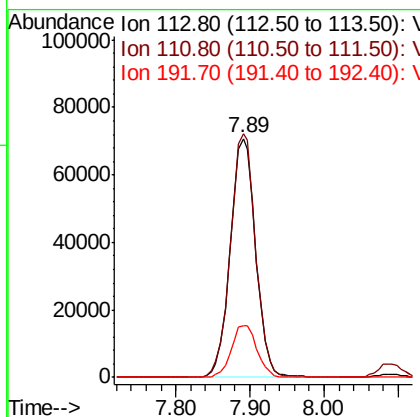
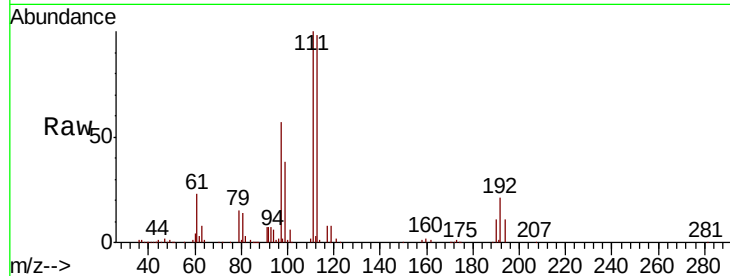
#35
 Dibromofluoromethane
 Concen: 43.57 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168732		
111	101.2	82.2	123.2	
192	22.1	18.1	27.1	

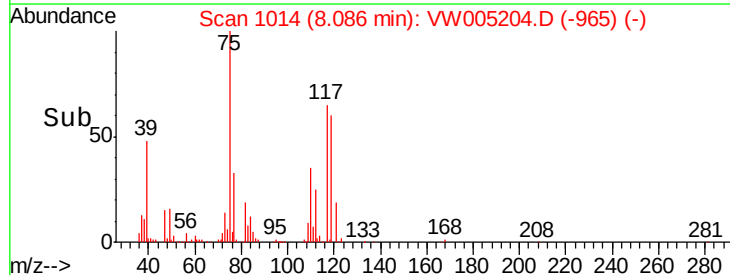
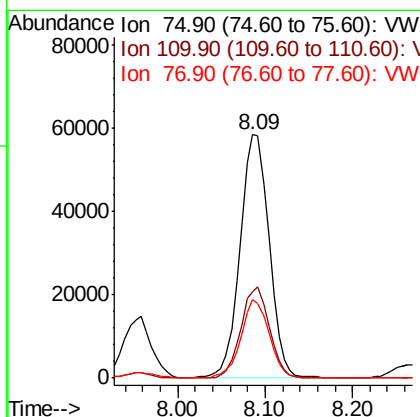
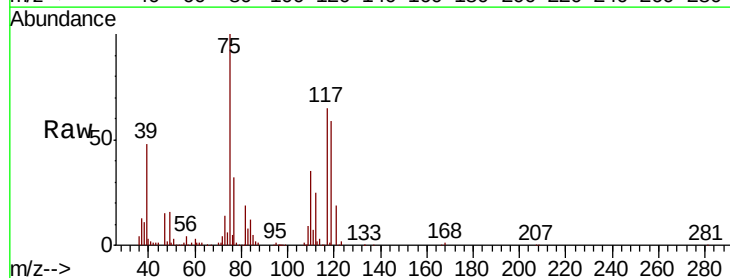
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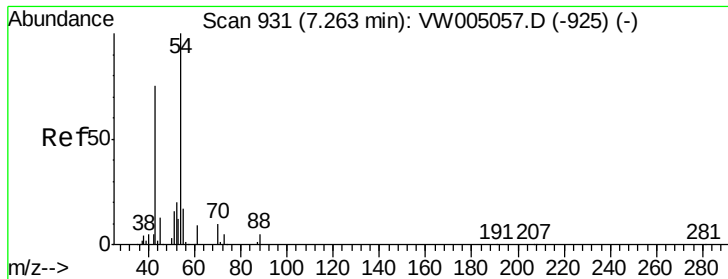
apatel
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#36
 1,1-Dichloropropene
 Concen: 21.20 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135333		
110	36.7	18.9	56.7	
77	31.5	25.5	38.3	





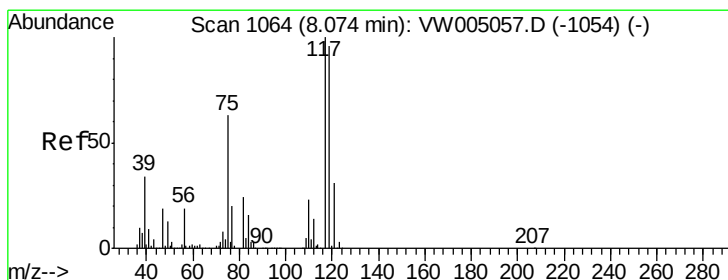
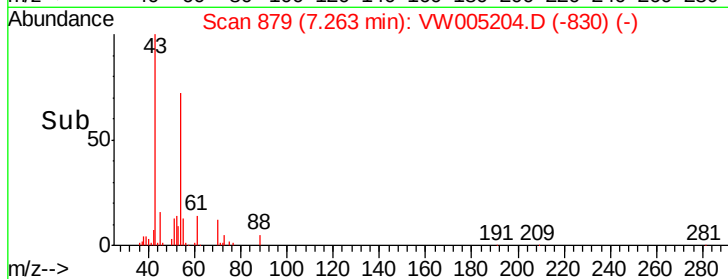
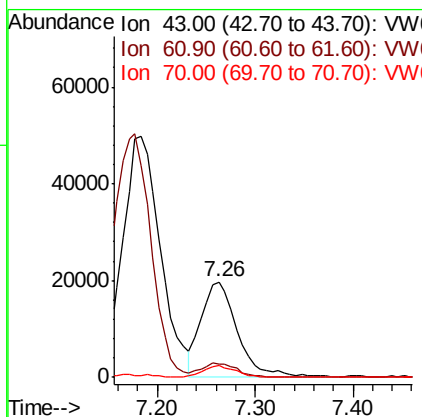
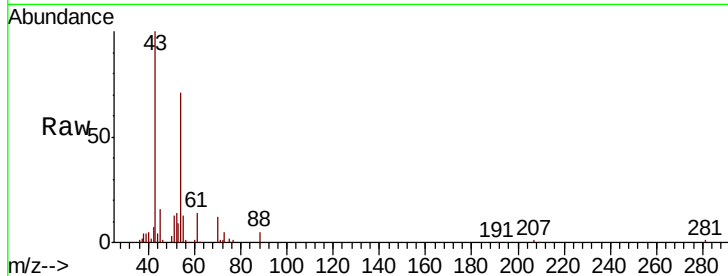
#37
Ethyl Acetate
Concen: 20.88 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.1	18.1
70	11.6	9.4	14.2

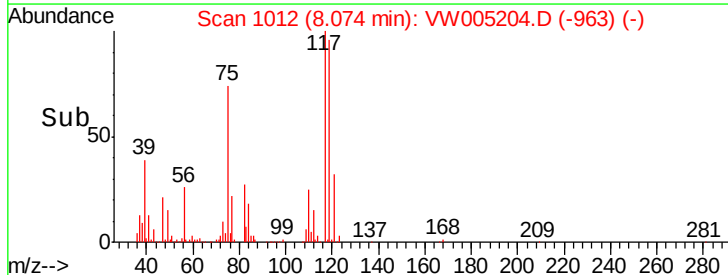
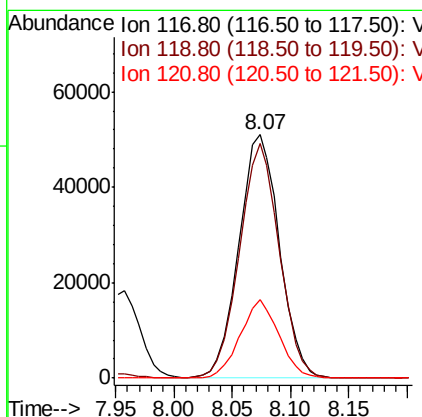
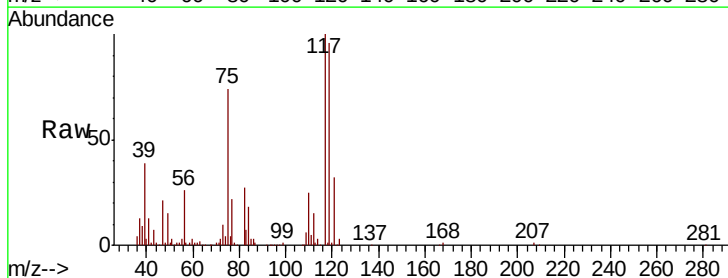
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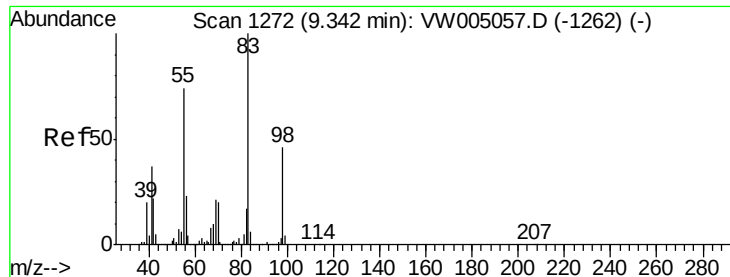
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#38
Carbon Tetrachloride
Concen: 20.23 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	115.0
121	32.1	24.8	37.2





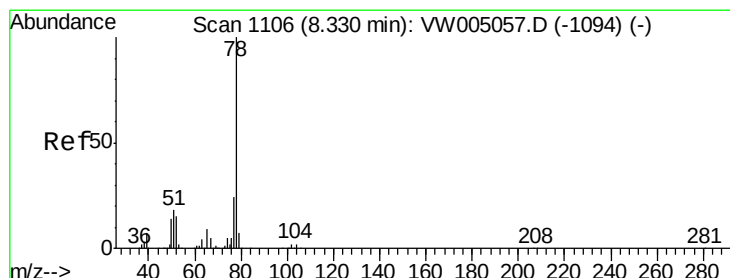
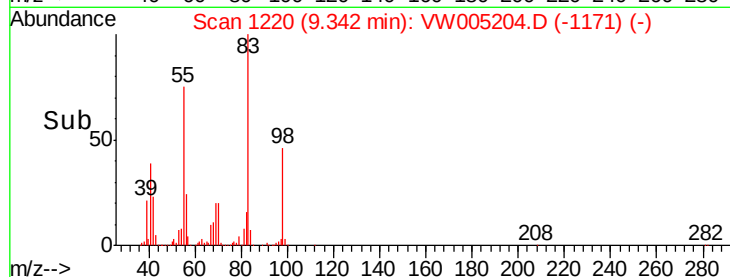
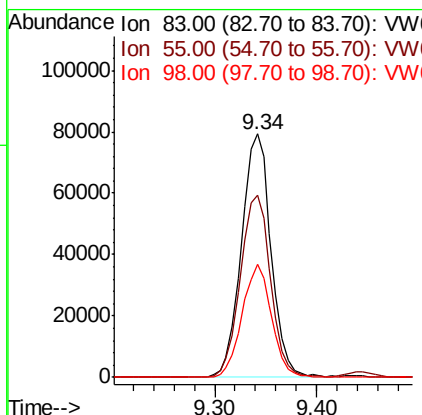
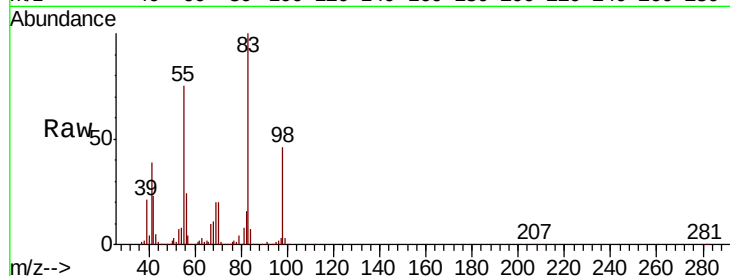
#39
Methylvlcyclohexane
Concen: 20.73 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	58.9	88.3
98	46.2	36.8	55.2

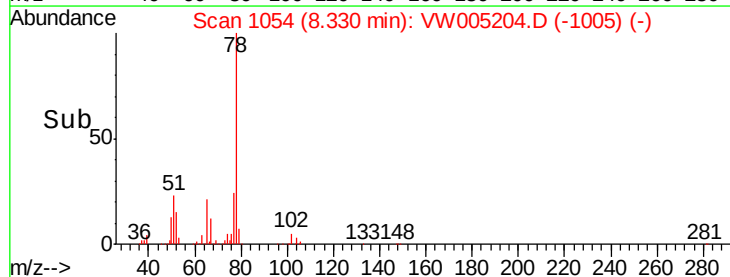
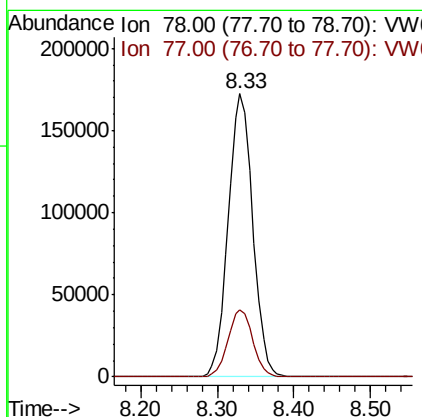
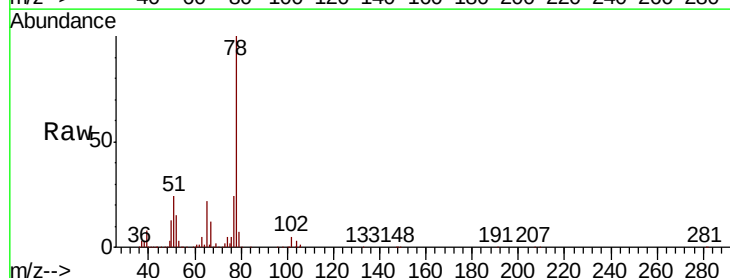
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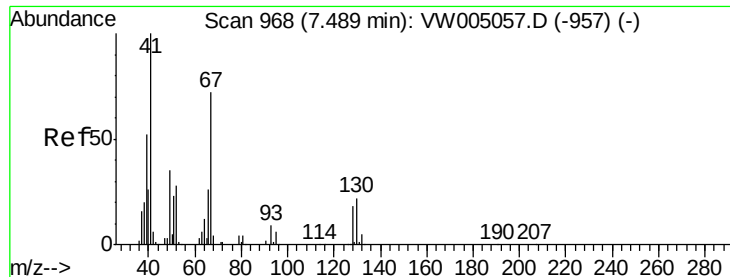
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#40
Benzene
Concen: 19.58 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





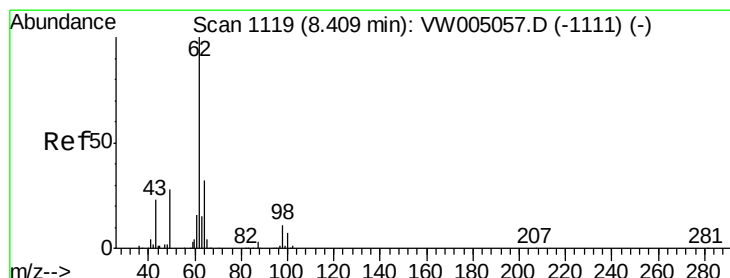
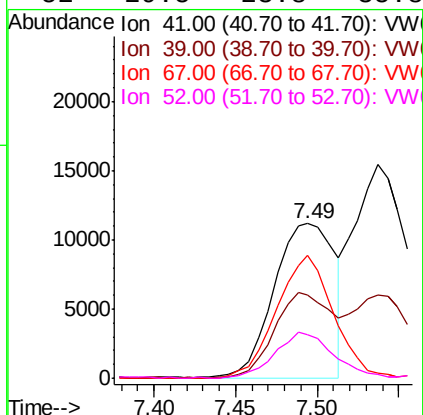
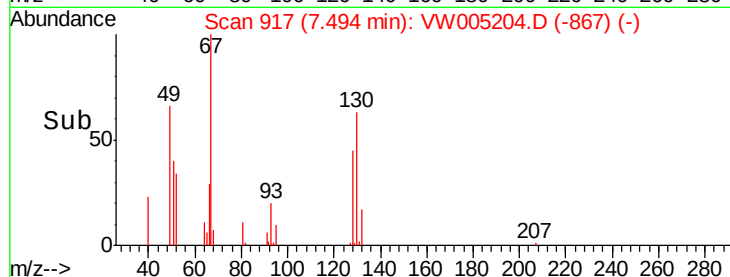
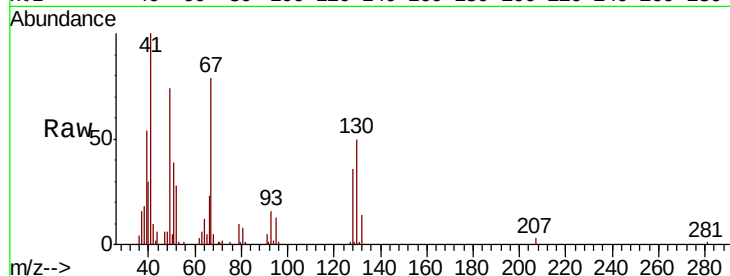
#41
Methacrylonitrile
Concen: 20.95 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.8	62.8
67	75.4	60.4	90.6
52	29.5	23.8	35.8

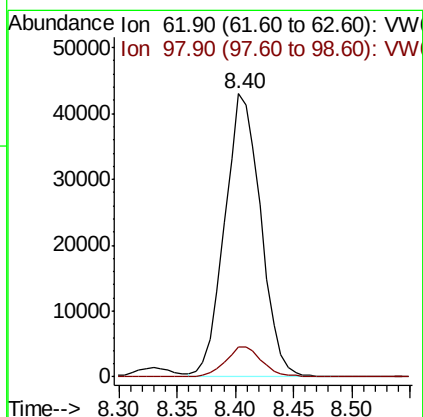
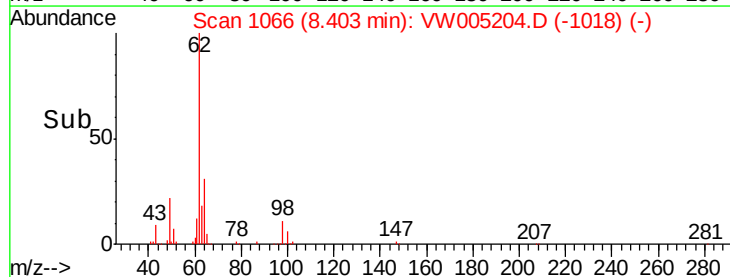
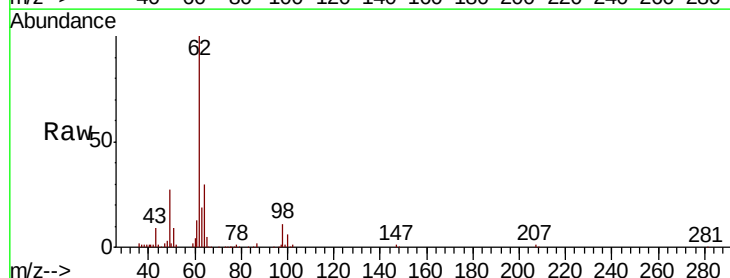
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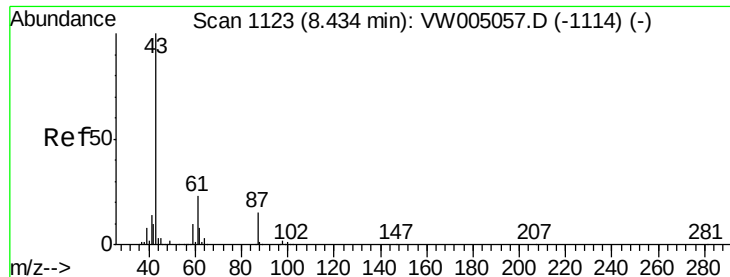
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#42
1,2-Dichloroethane
Concen: 19.31 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8





#43

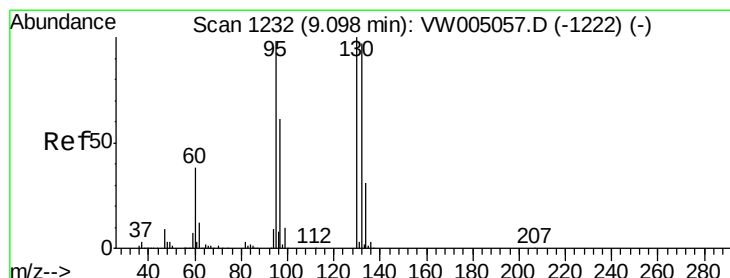
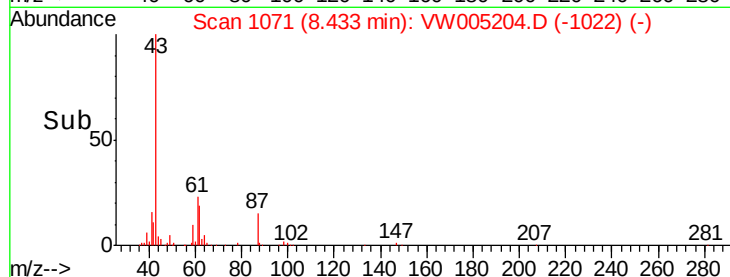
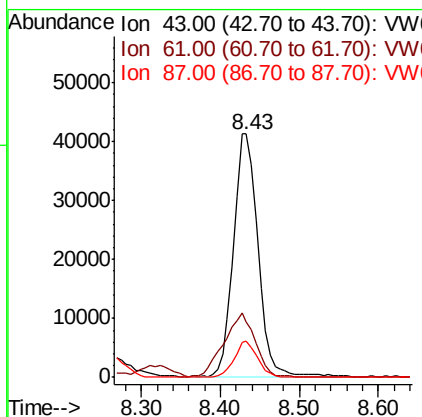
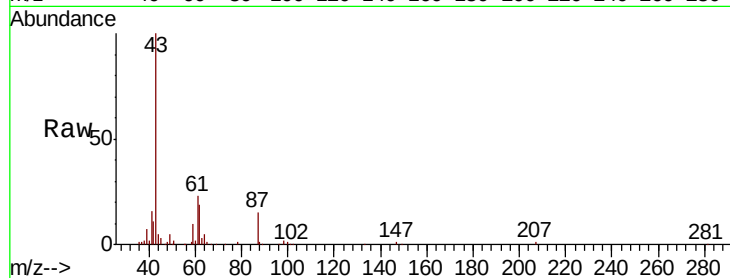
Isopropyl Acetate
 Concen: 20.50 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.0	26.8	40.2
87	14.2	11.6	17.4

Manual Integrations
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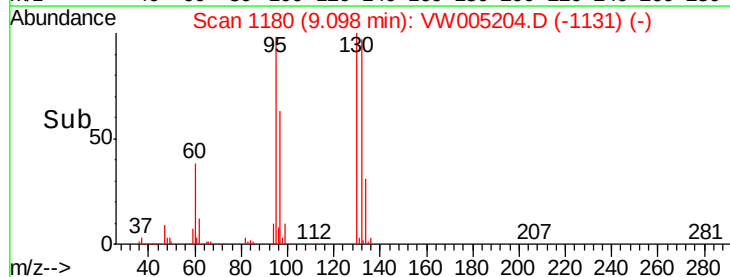
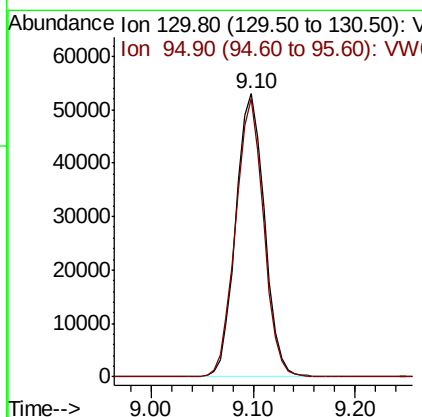
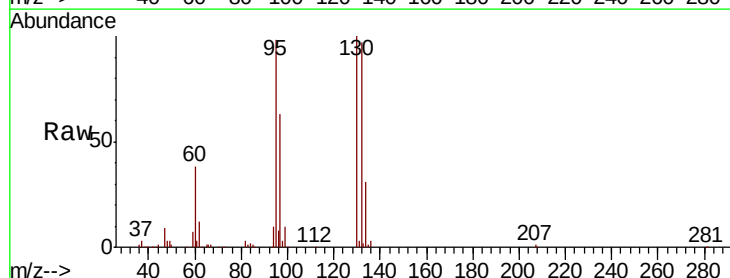
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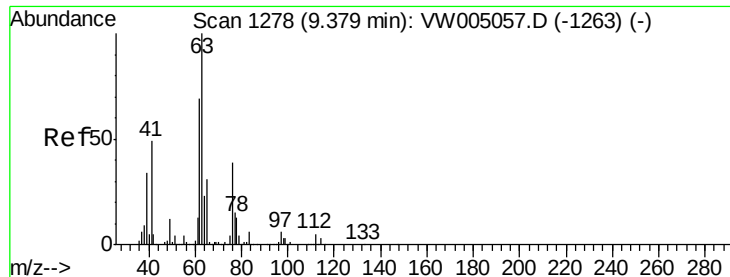


#44

Trichloroethene
 Concen: 19.51 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	195.2





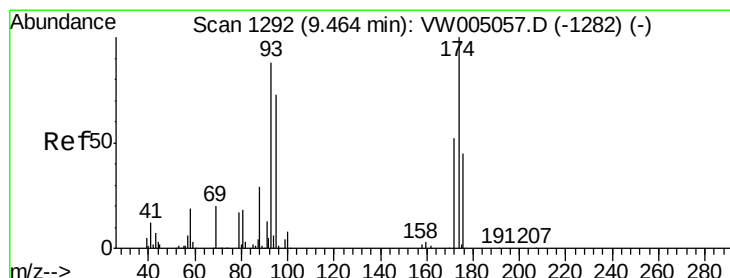
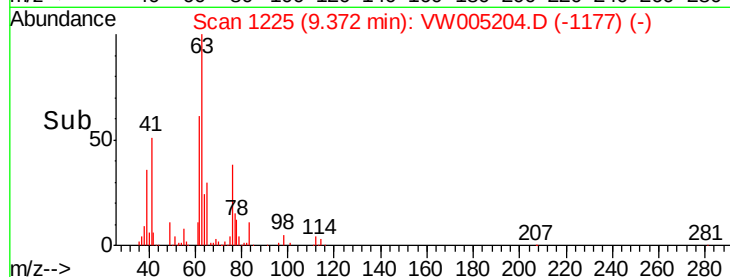
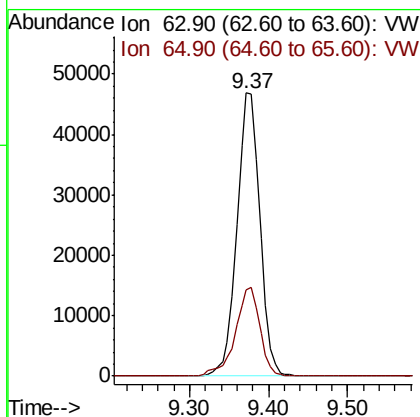
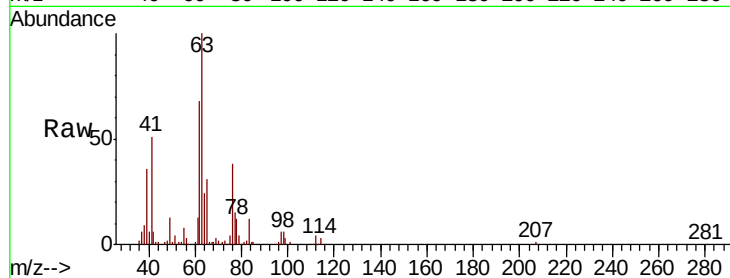
#45
 1,2-Dichloropropane
 Concen: 19.97 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.6	37.0

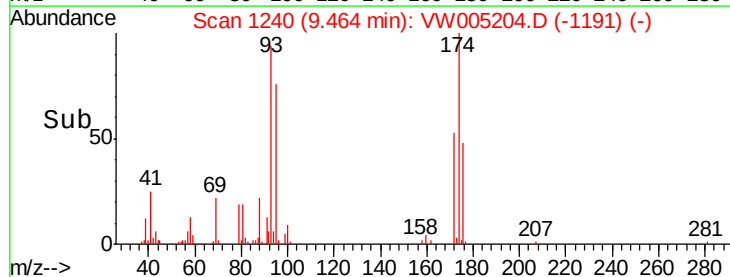
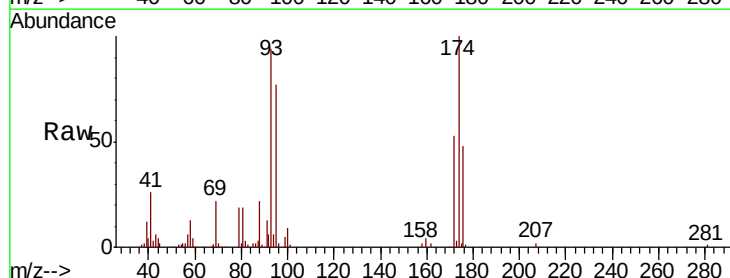
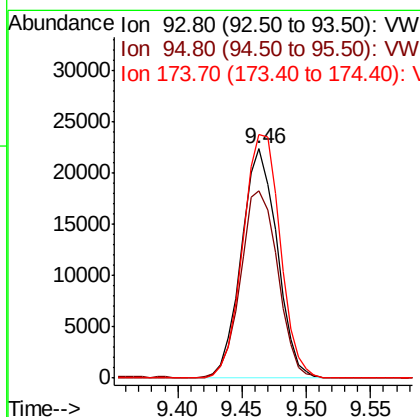
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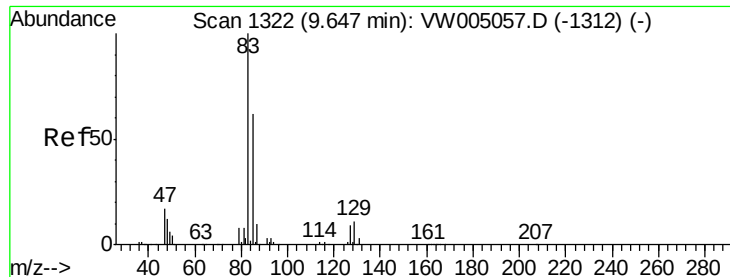
apatel
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#46
 Dibromomethane
 Concen: 18.83 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.2	99.4
174	110.5	92.0	138.0





#47

Bromodichloromethane

Concen: 19.51 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

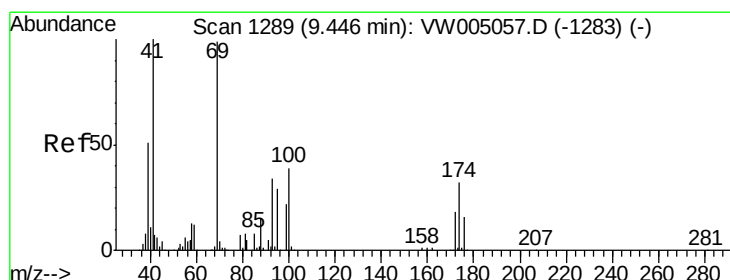
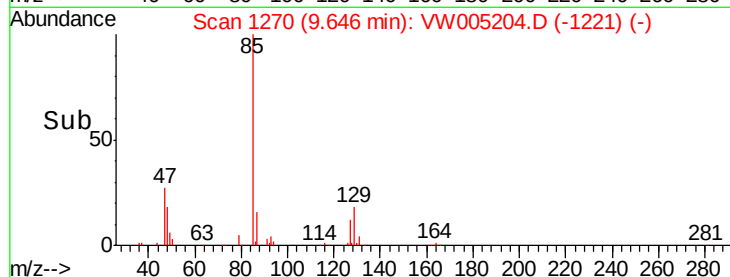
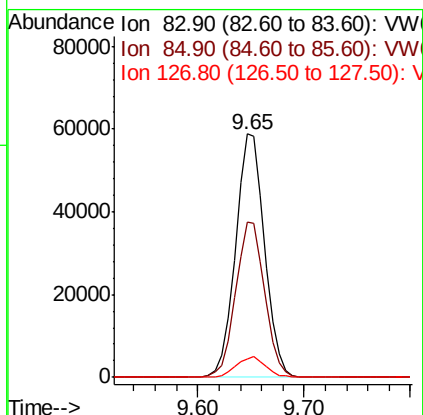
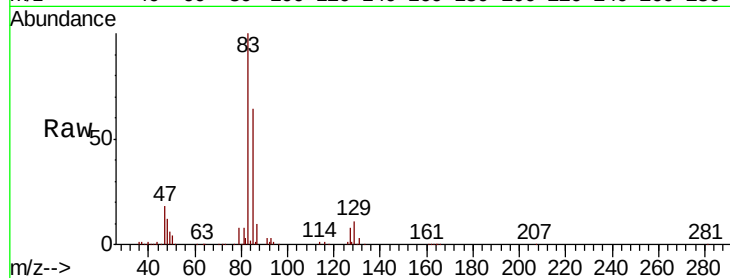
ClientSampleId :

VW0907SBS01

Tot Ion:	83	Resp:	112164
Ion Ratio	Lower	Upper	
83	100		
85	63.9	49.8	74.6
127	7.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 21.15 ug/l

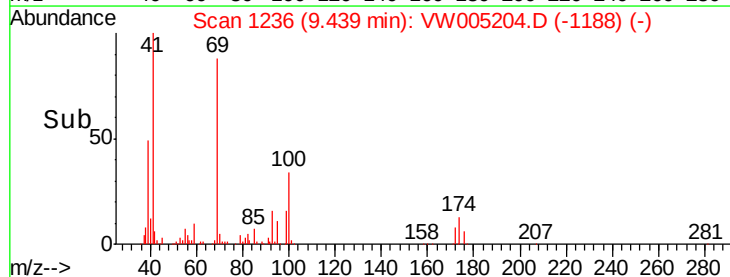
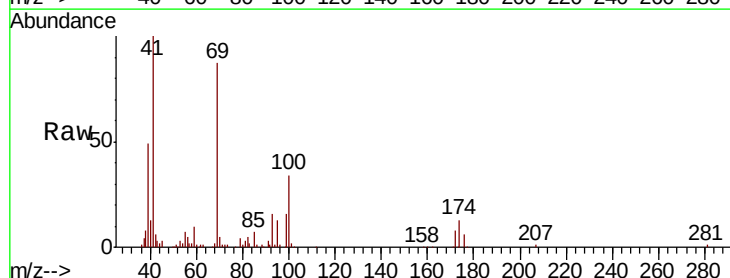
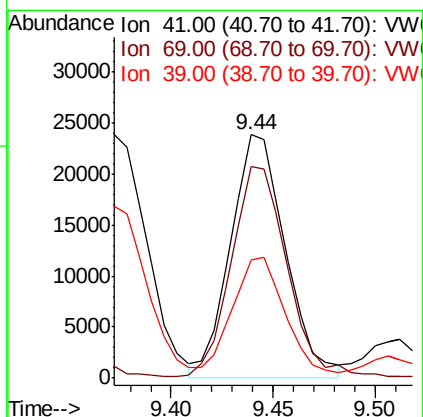
RT: 9.44 min Scan# 1236

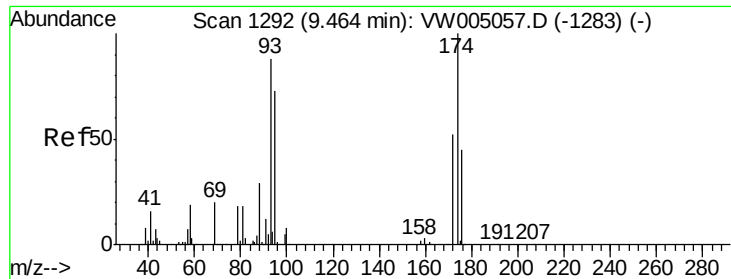
Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	41	Resp:	44241
Ion Ratio	Lower	Upper	
41	100		
69	89.5	80.4	120.6
39	48.6	43.5	65.3





#49

1,4-Dioxane

Concen: 376.96 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

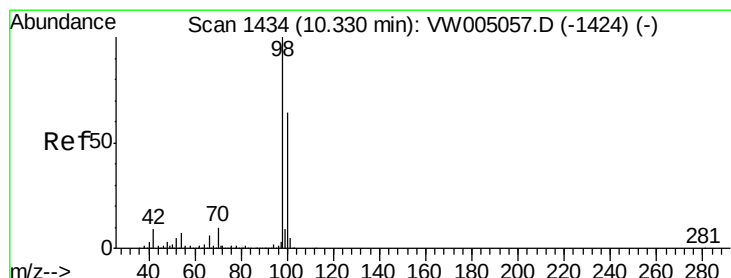
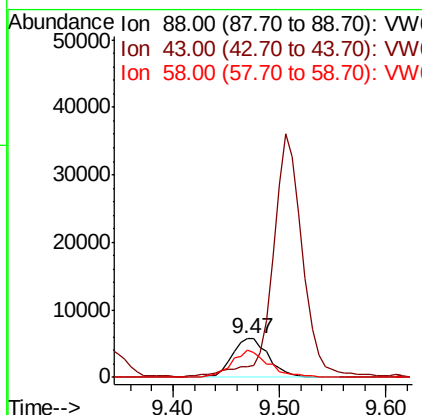
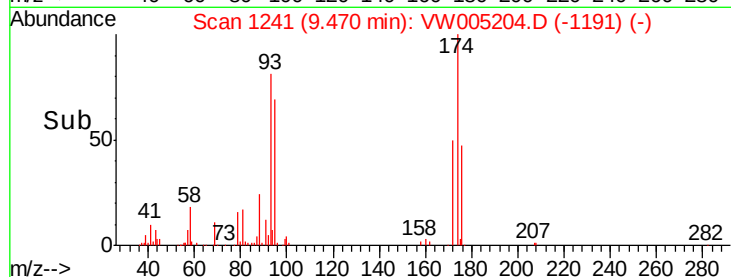
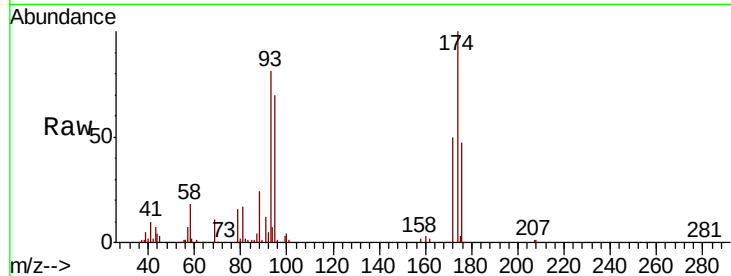
ClientSampleId :

VW0907SBS01

Tot Ion:	88	Resp:	13915
Ion Ratio	Lower	Upper	
88	100		
43	0.0	19.8	29.6#
58	72.3	57.1	85.7

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#50

Toluene-d8

Concen: 46.35 ug/l

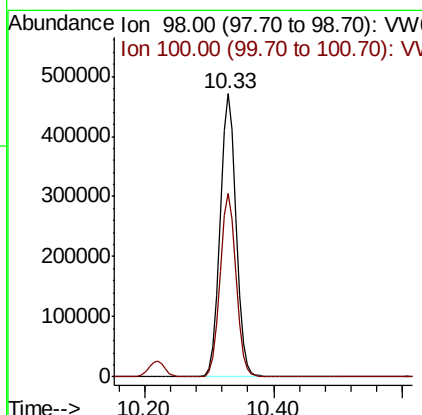
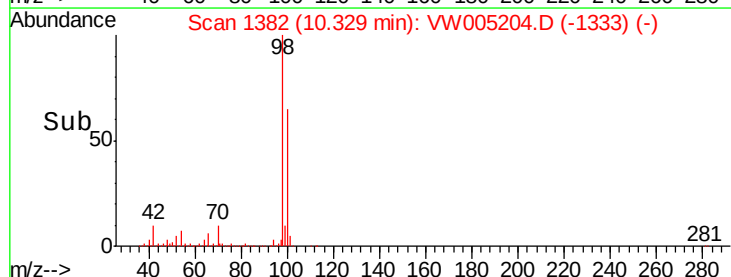
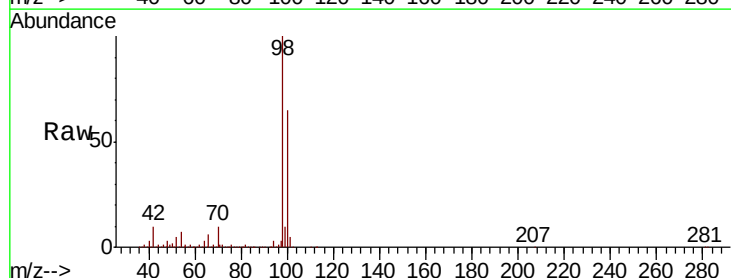
RT: 10.33 min Scan# 1382

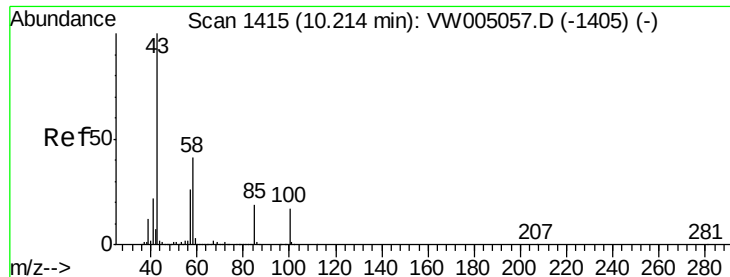
Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	98	Resp:	827188
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.7	77.5





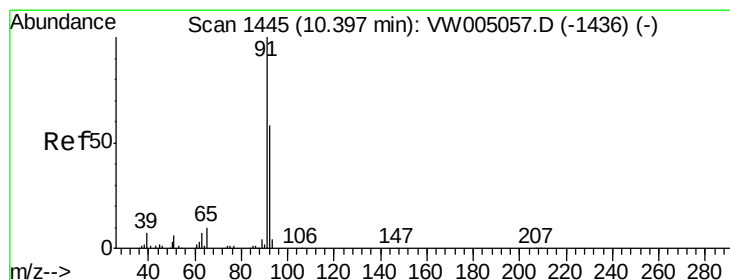
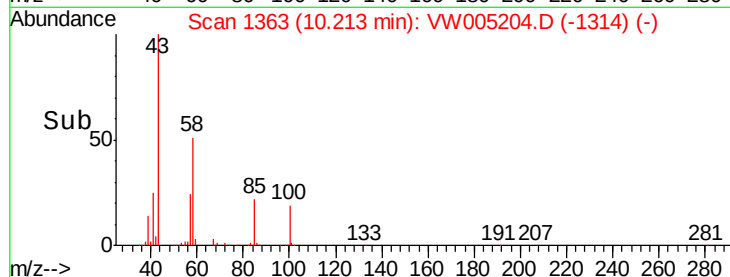
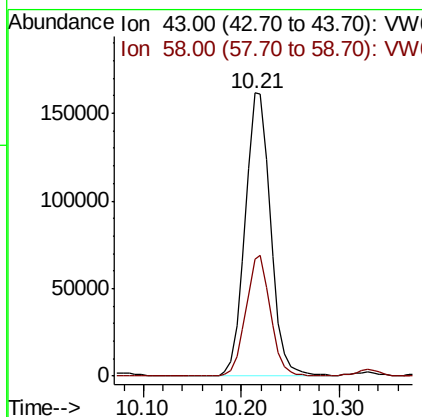
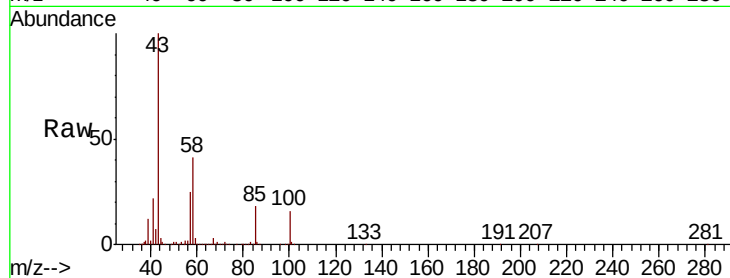
#51
4-Methyl-2-Pentanone
Concen: 100.19 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.3	33.3	49.9

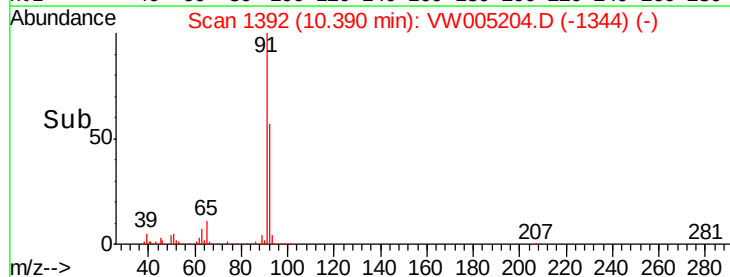
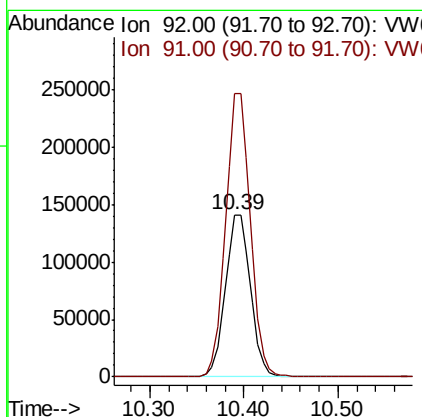
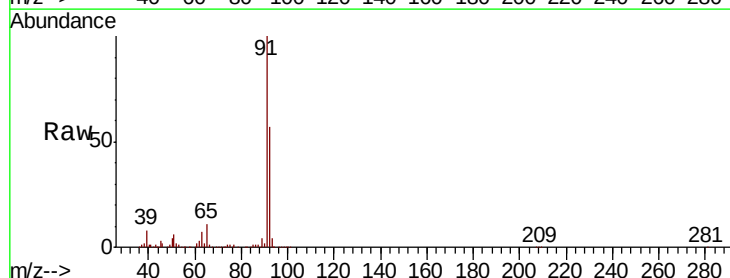
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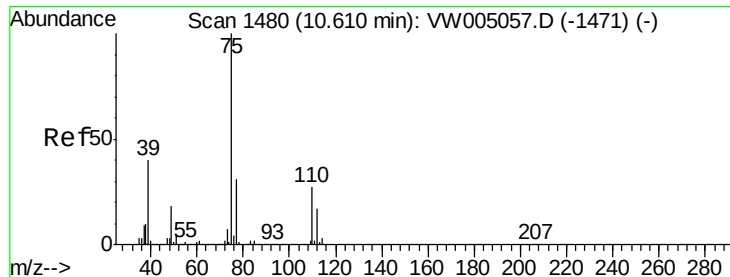
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#52
Toluene
Concen: 19.62 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.7	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 20.00 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 75 Resp: 112927

Ion Ratio Lower Upper

75 100

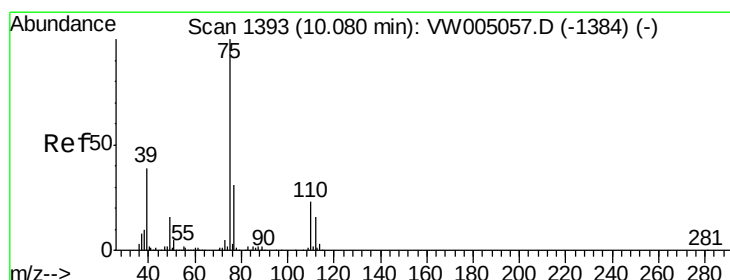
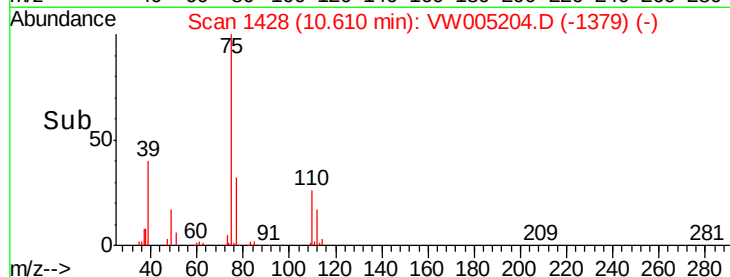
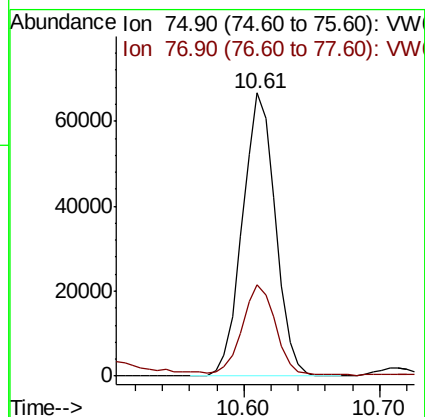
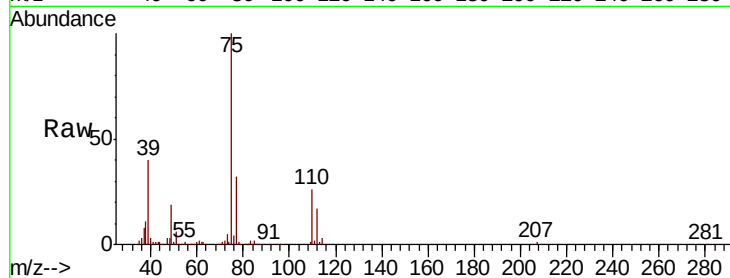
77 31.7 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 20.36 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

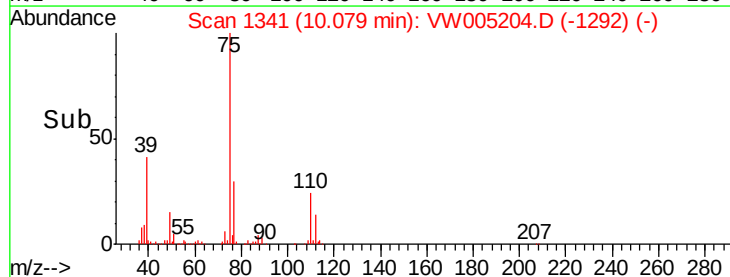
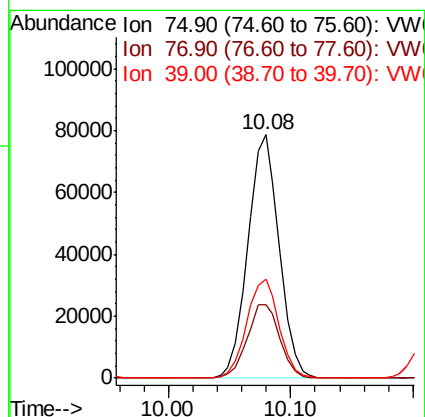
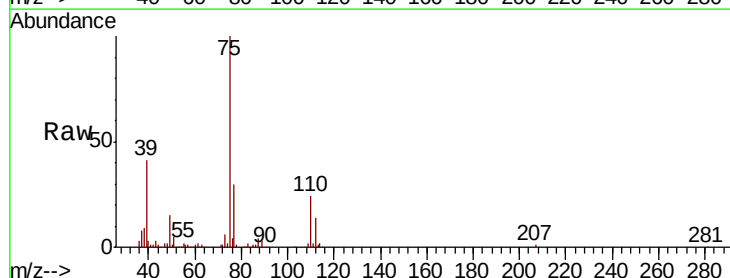
Tgt Ion: 75 Resp: 139839

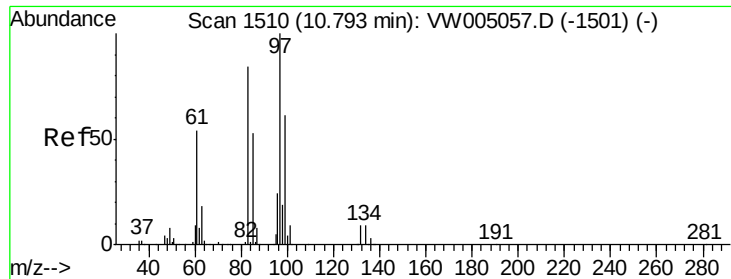
Ion Ratio Lower Upper

75 100

77 30.2 24.9 37.3

39 40.7 31.0 46.6





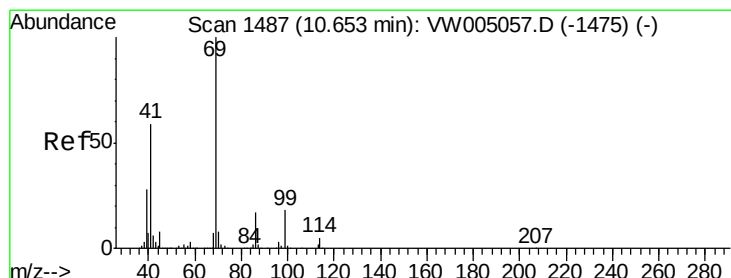
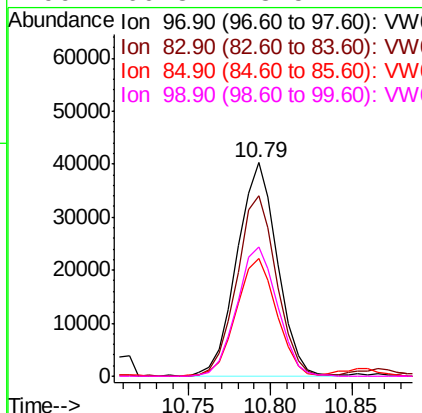
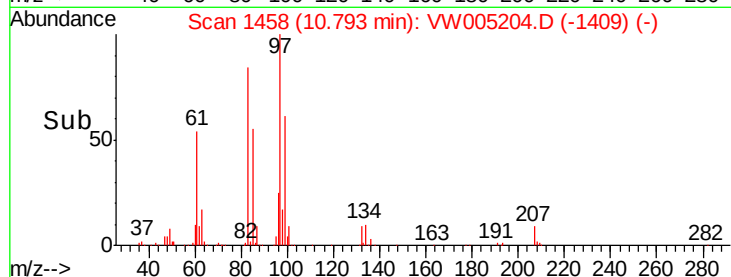
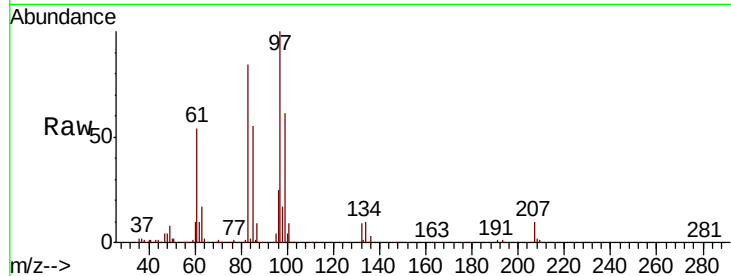
#55
 1,1,2-Trichloroethane
 Concen: 19.68 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion:	97	Resp:	69563
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.0	100.6
85	54.9	42.3	63.5
99	60.8	48.5	72.7

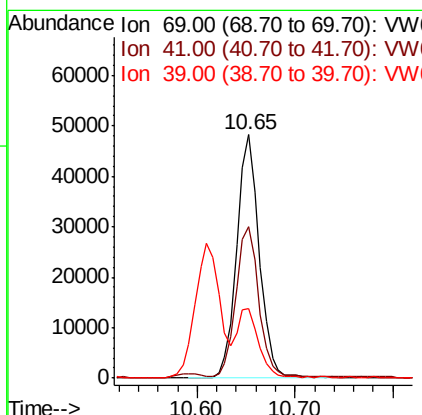
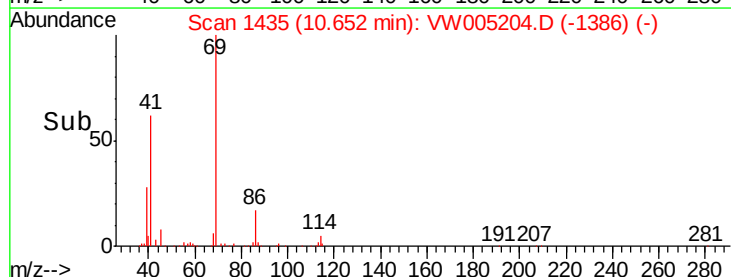
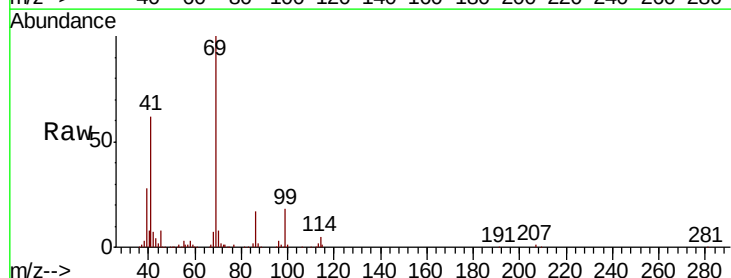
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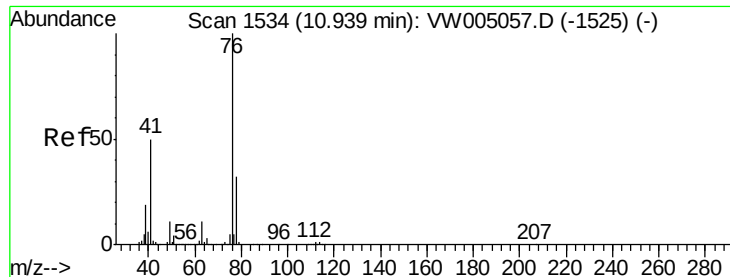
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#56
 Ethyl methacrylate
 Concen: 19.19 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion:	69	Resp:	77371
Ion	Ratio	Lower	Upper
69	100		
41	62.8	47.8	71.6
39	26.1	21.1	31.7





#57

1,3-Dichloropropane

Concen: 19.49 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 76 Resp: 113413

Ion Ratio Lower Upper

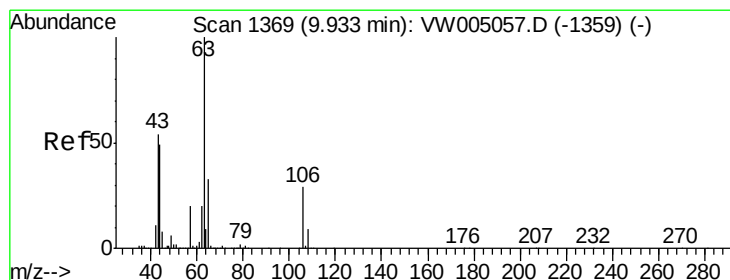
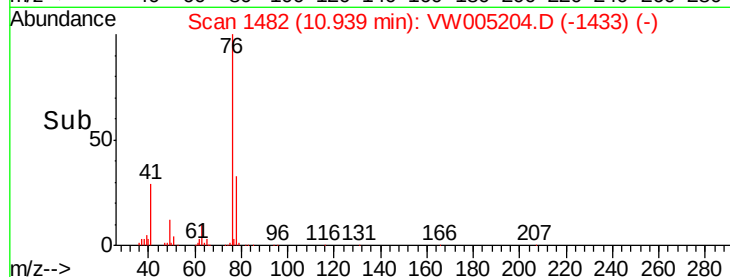
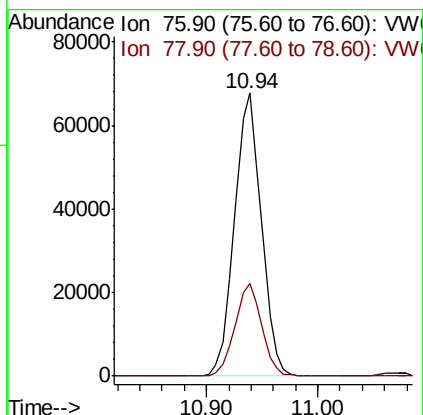
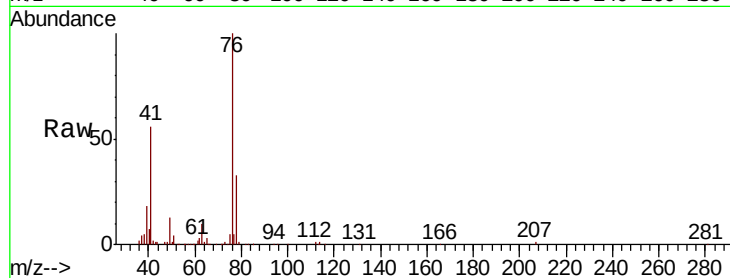
76 100

78 32.5 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 106.91 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005204.D

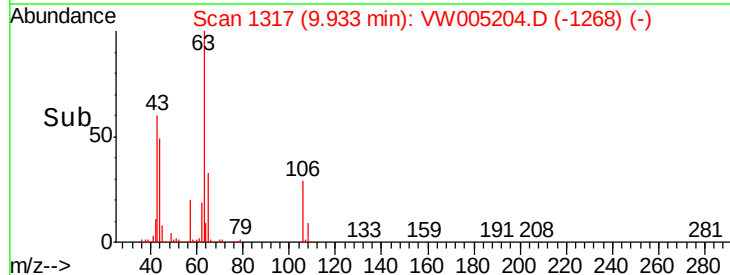
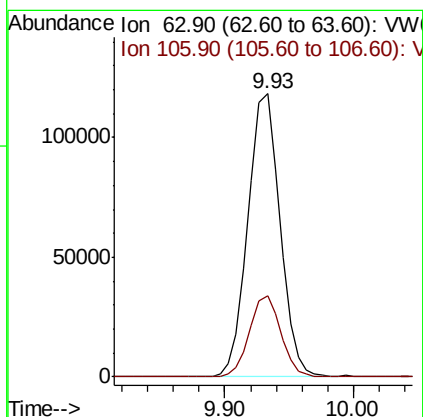
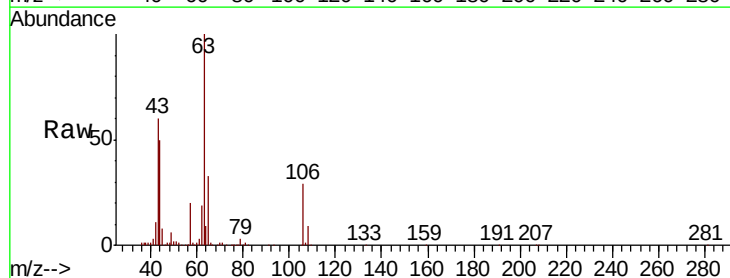
Acq: 07 Sep 2018 13:09

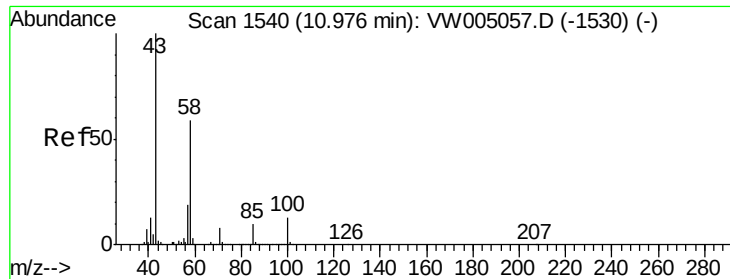
Tgt Ion: 63 Resp: 204258

Ion Ratio Lower Upper

63 100

106 28.0 23.1 34.7





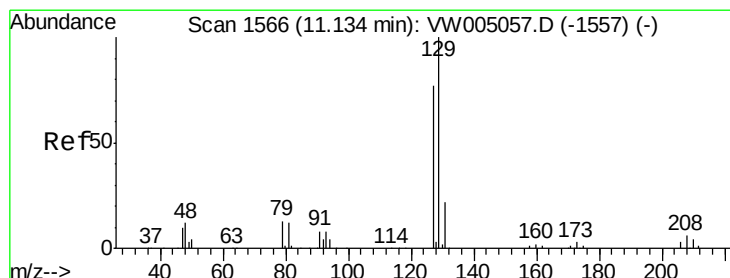
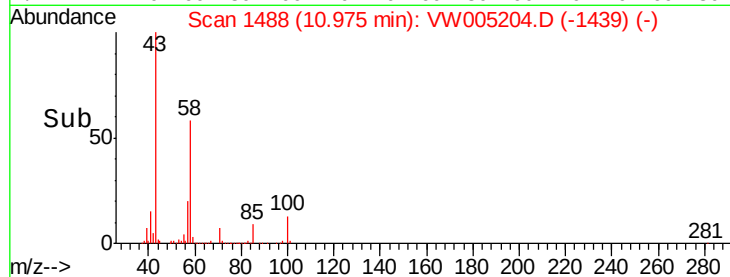
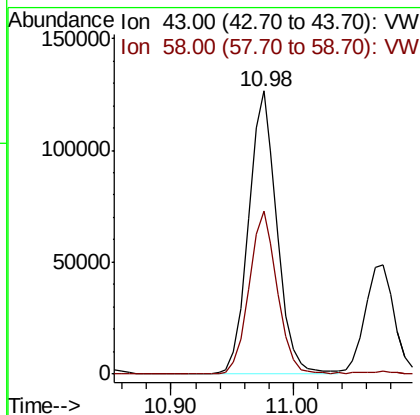
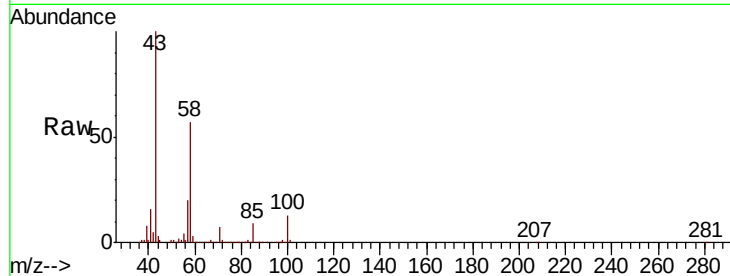
#59
2-Hexanone
Concen: 103.63 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.1	28.7	86.3

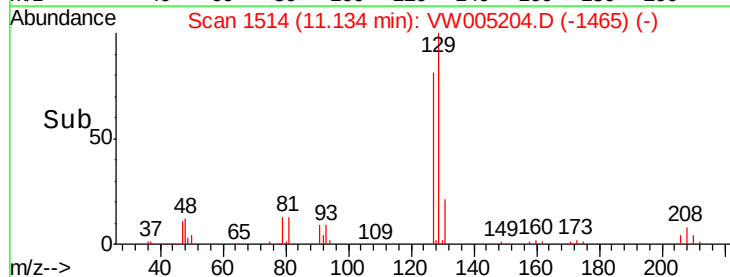
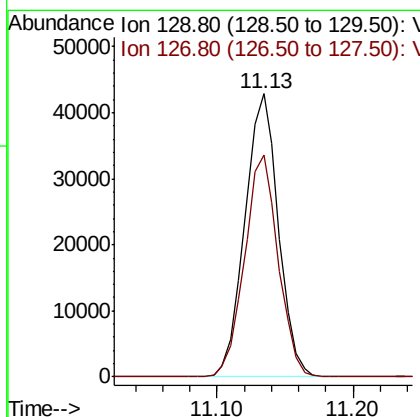
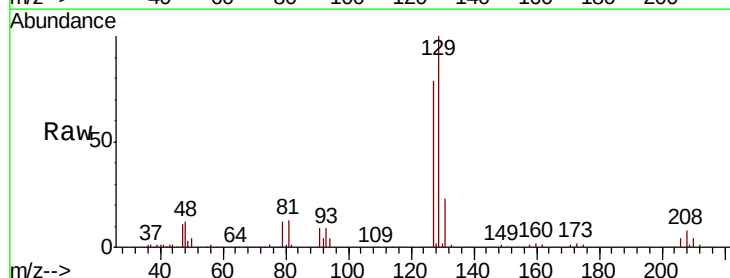
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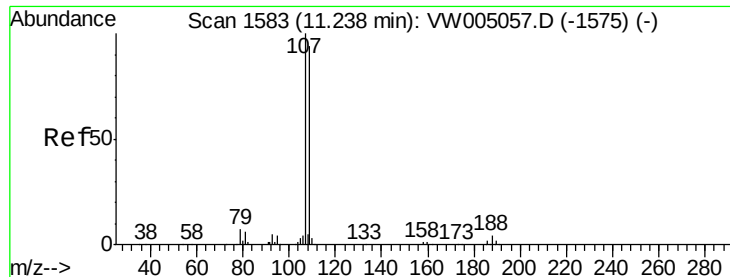
apatel
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#60
Dibromochloromethane
Concen: 18.47 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.9	116.7





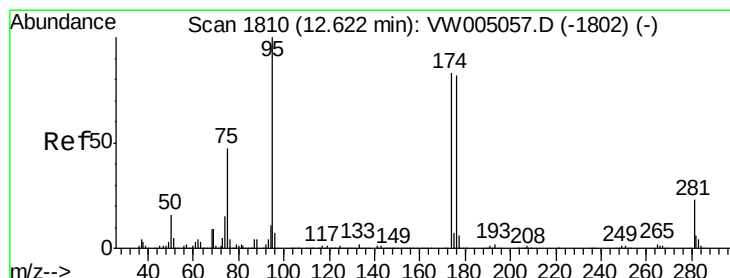
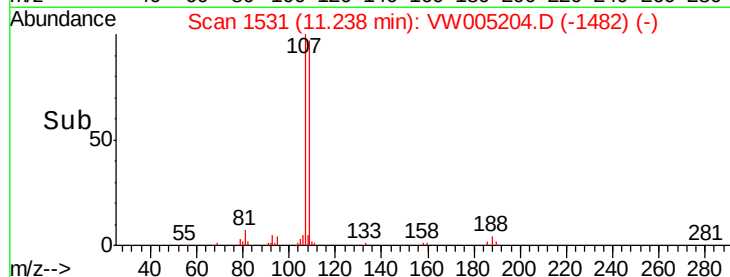
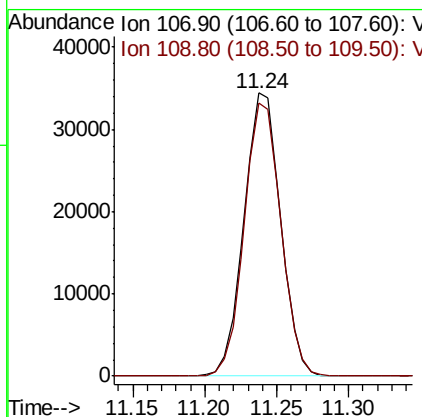
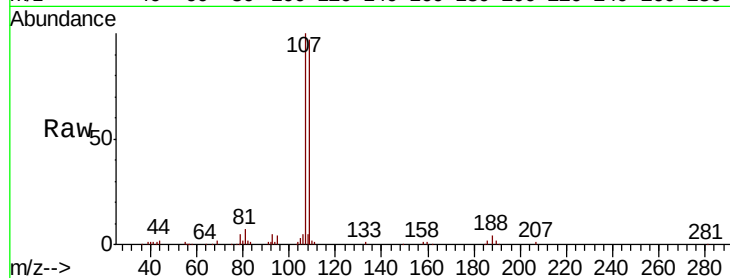
#61
 1,2-Dibromoethane
 Concen: 18.92 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.9	75.9	113.9

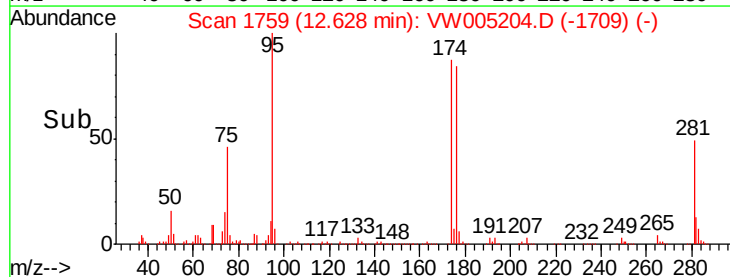
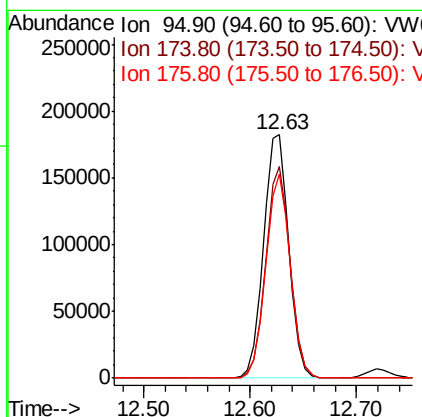
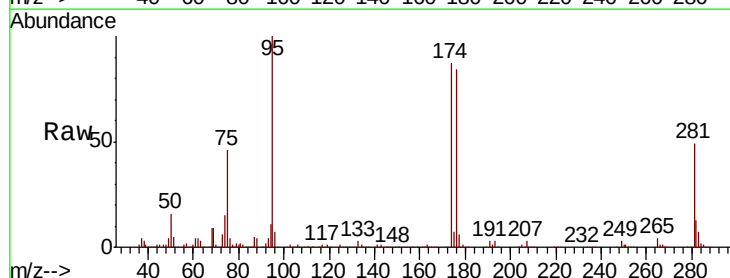
Manual Integrations
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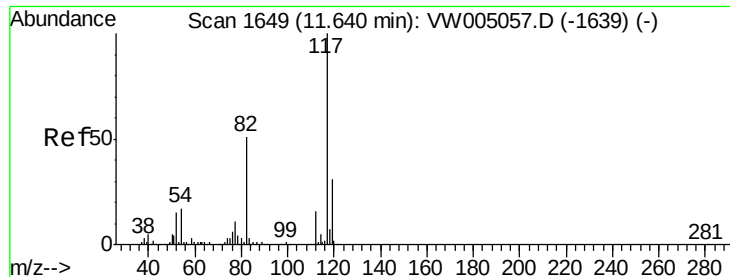
apatel
 9/10/2018 10:48:38 AM



#62
 4-Bromofluorobenzene
 Concen: 47.91 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	173.4
176	81.4	0.0	167.4





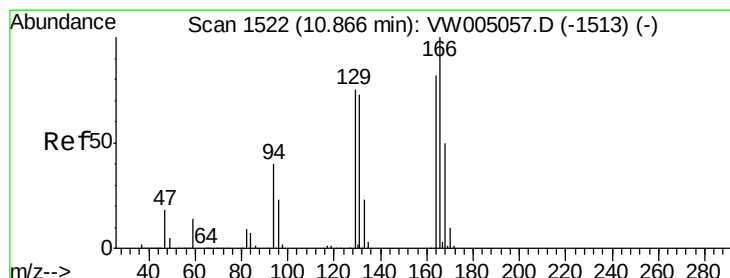
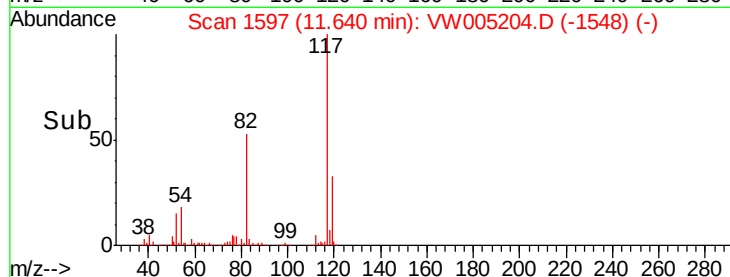
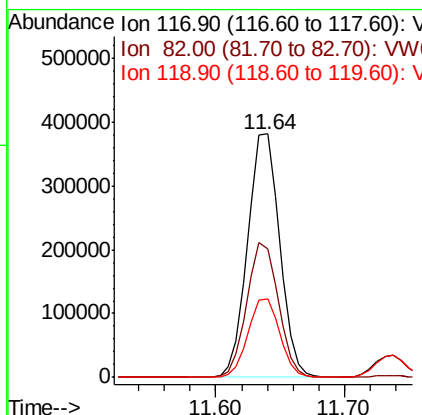
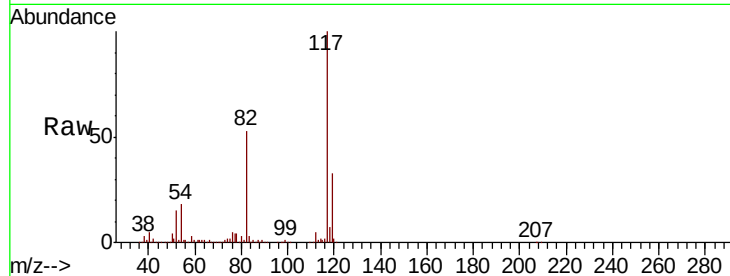
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	653923		
82	52.7		40.9	61.3
119	32.5		24.9	37.3

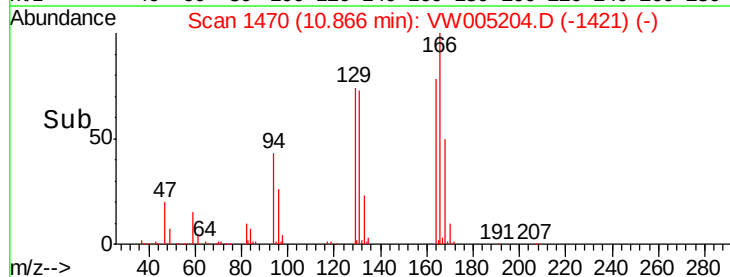
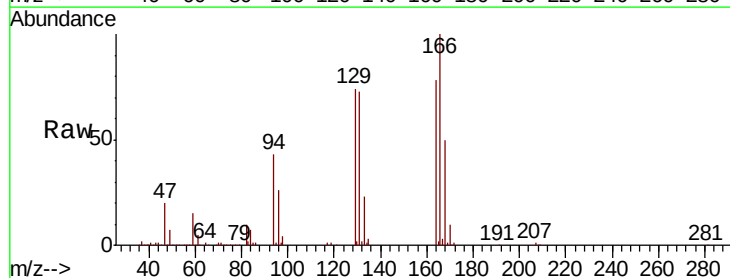
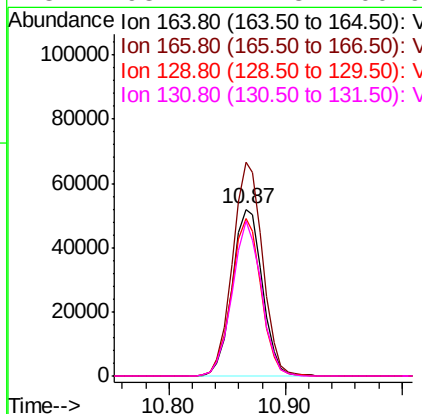
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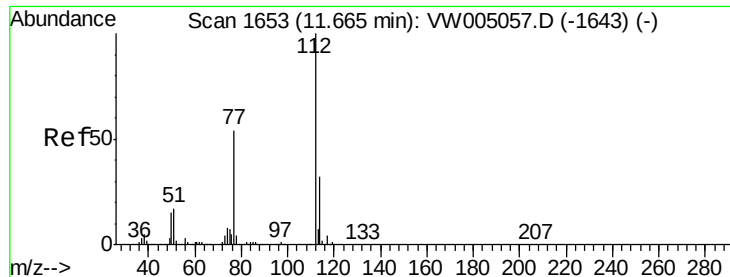
apatel
9/10/2018 10:48:38 AM



#64
Tetrachloroethene
Concen: 18.23 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93529		
166	128.3		97.3	145.9
129	94.8		73.1	109.7
131	93.4		71.3	106.9





#65

Chlorobenzene

Concen: 19.39 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion:112 Resp: 285409

Ion Ratio Lower Upper

112 100

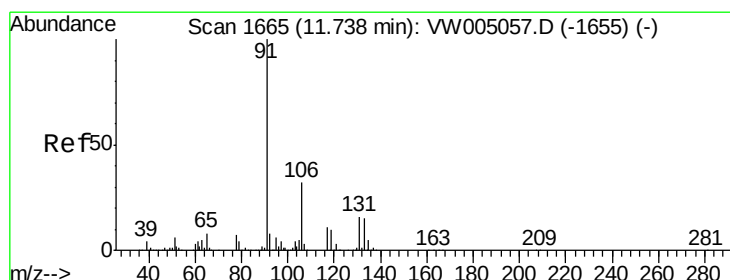
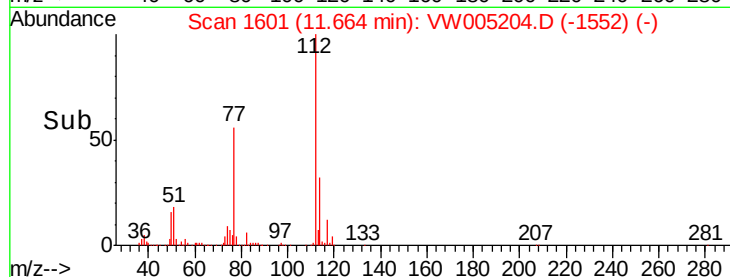
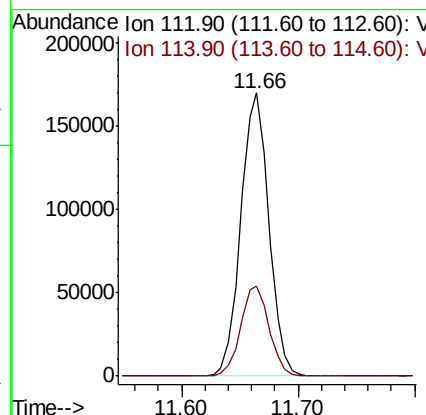
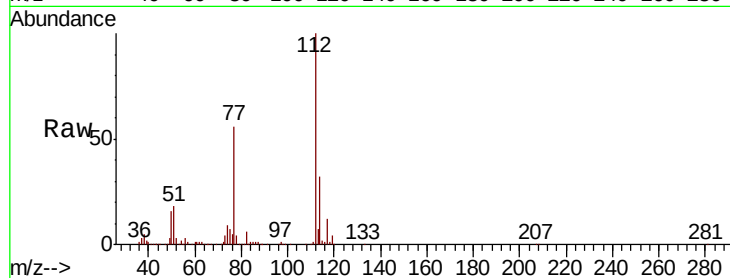
114 32.0 26.0 39.0

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.69 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

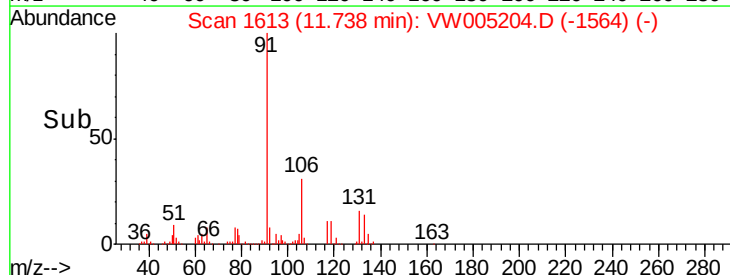
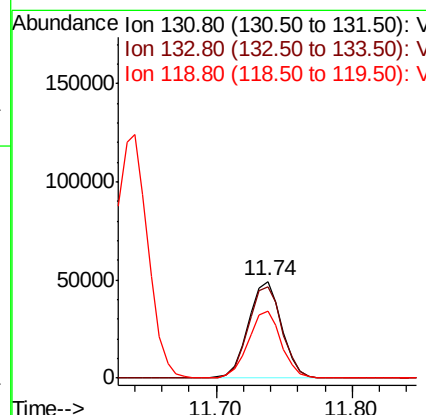
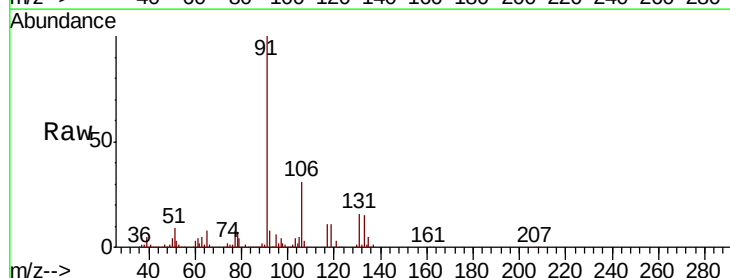
Tgt Ion:131 Resp: 84090

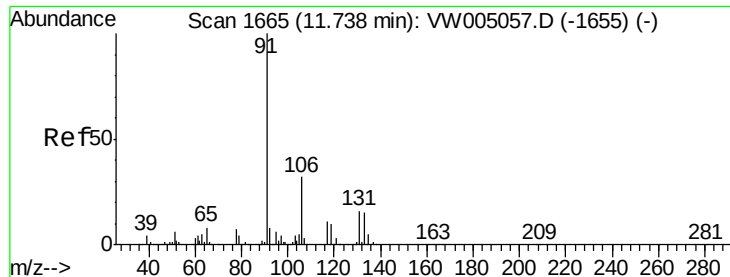
Ion Ratio Lower Upper

131 100

133 96.8 47.4 142.3

119 68.9 33.4 100.1





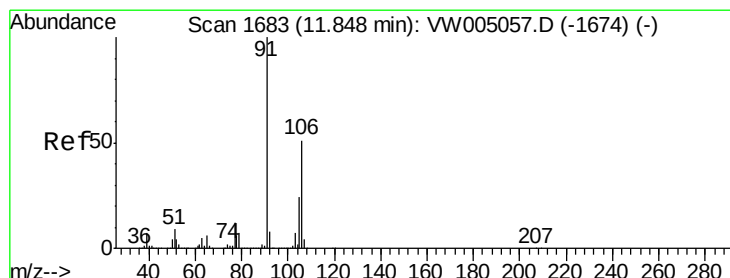
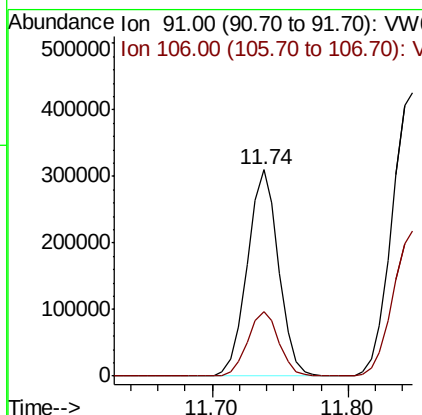
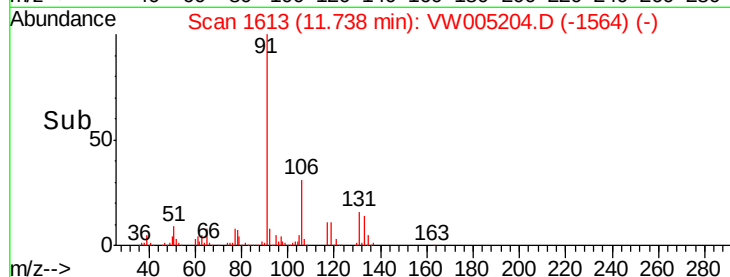
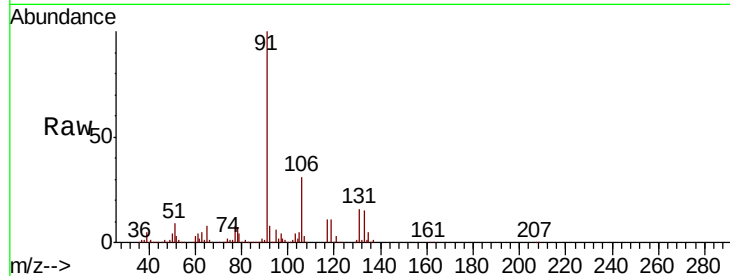
#67
Ethyl Benzene
Concen: 20.00 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.3	37.9

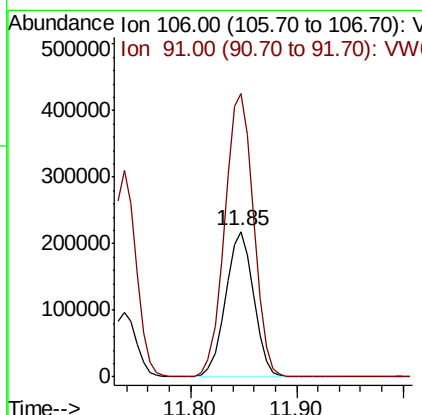
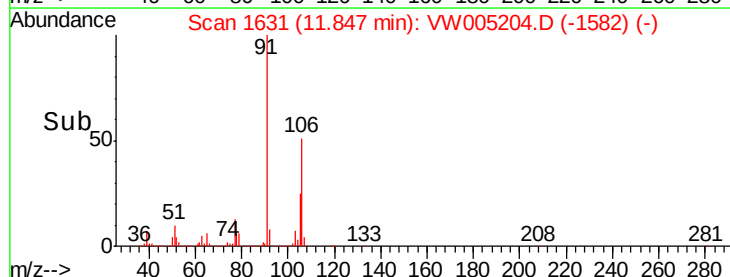
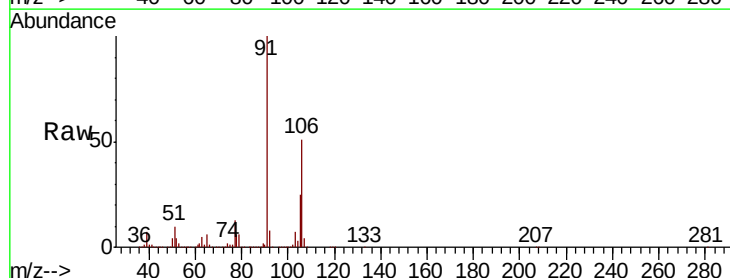
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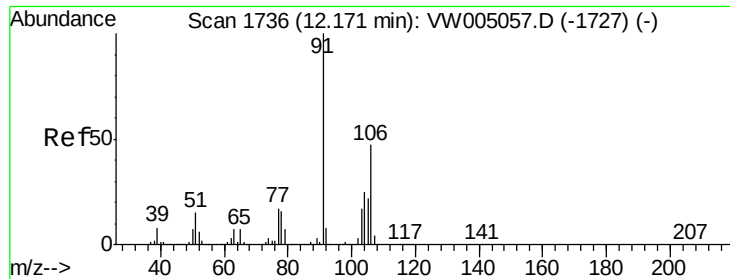
apatel
9/10/2018 10:48:38 AM



#68
m/p-Xylenes
Concen: 40.47 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.5	158.4	237.6





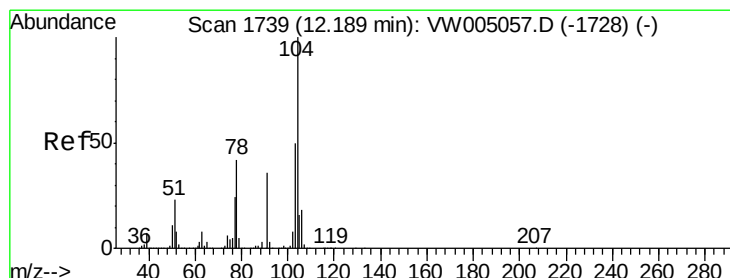
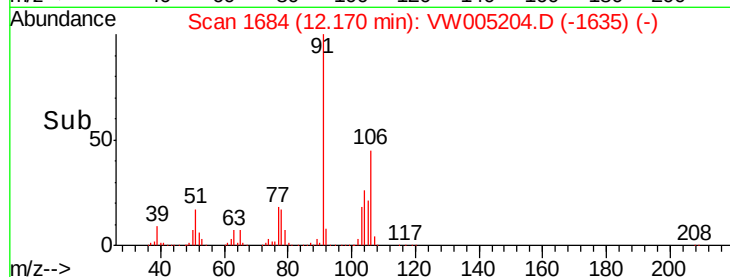
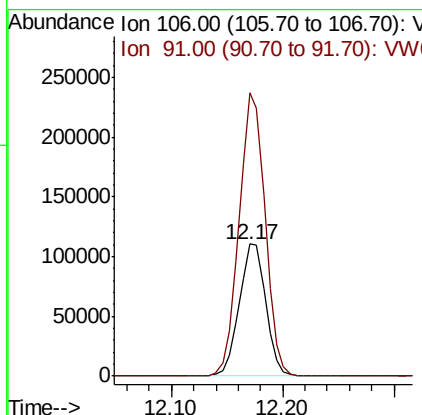
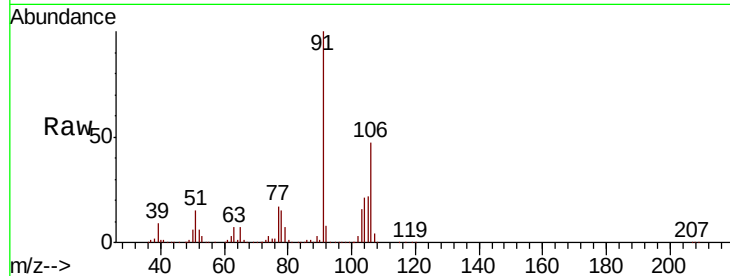
#69
o-Xylene
Concen: 19.85 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampled :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.7	105.6	316.8

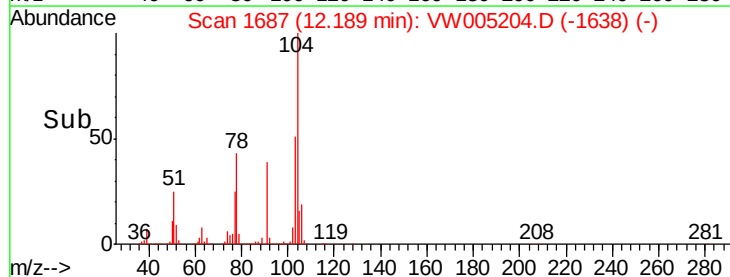
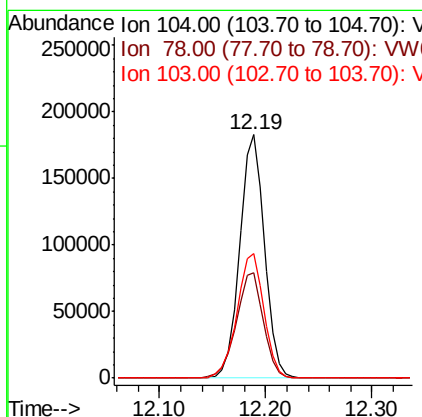
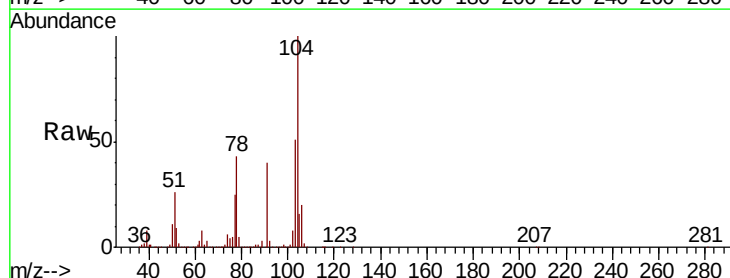
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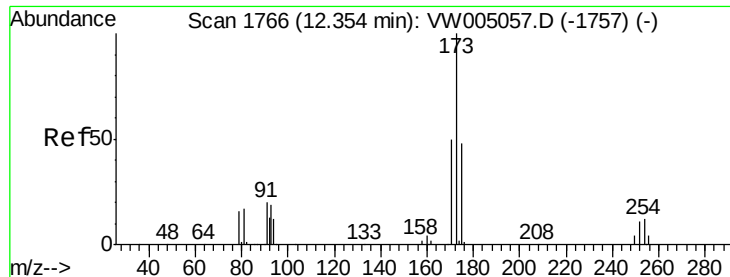
apatel
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#70
Styrene
Concen: 19.56 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.8	56.6
103	55.6	44.1	66.1





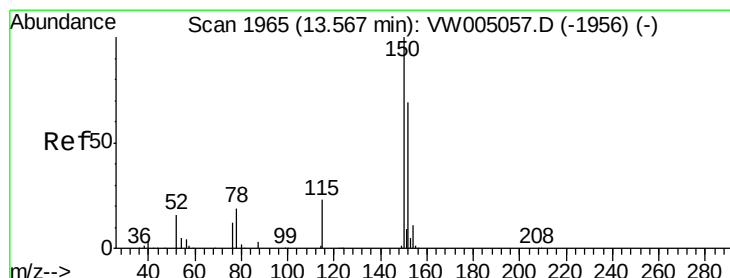
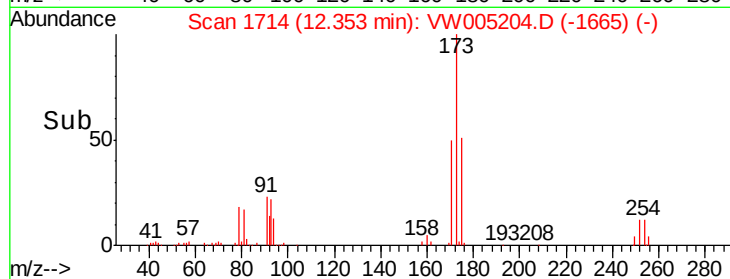
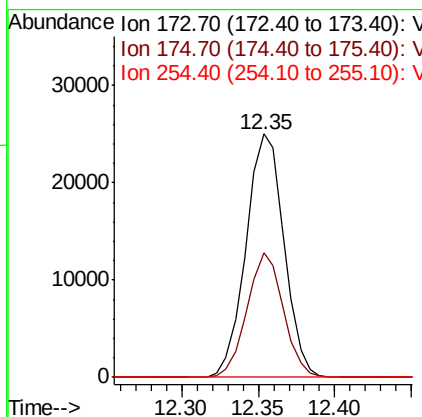
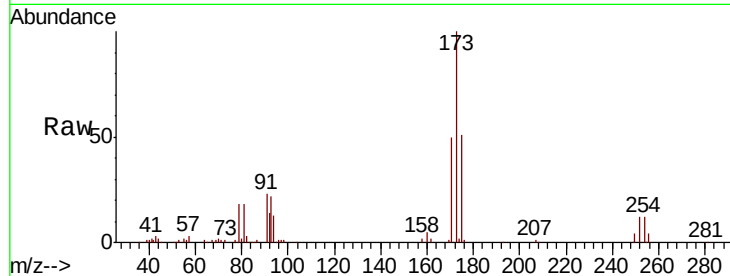
#71
Bromoform
Concen: 18.11 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

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

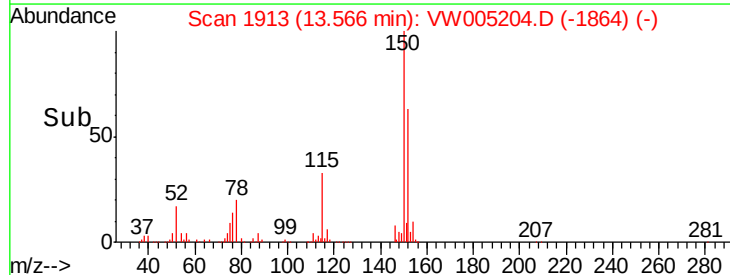
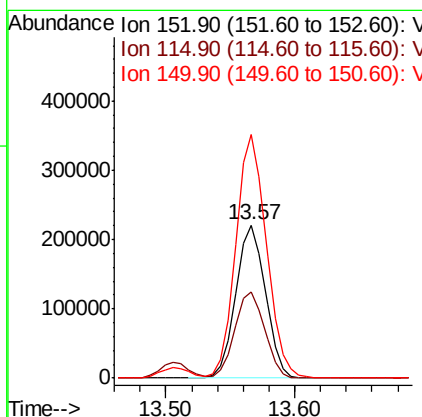
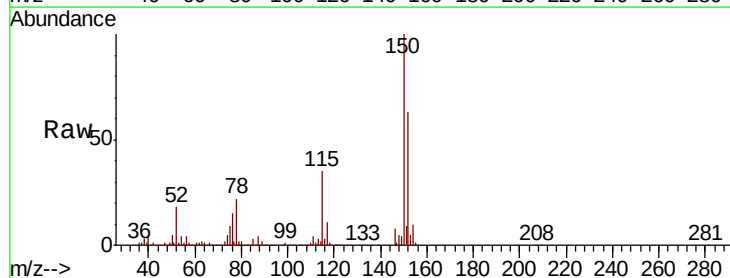
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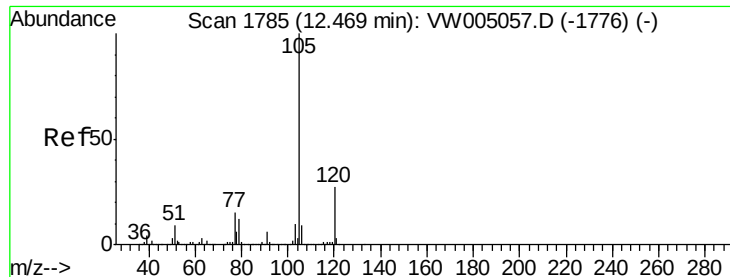
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	56.7	27.8	83.4		
150	164.6	0.0	351.4		





#73

Isopropylbenzene

Concen: 20.23 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion:105 Resp: 501837

Ion Ratio Lower Upper

105 100

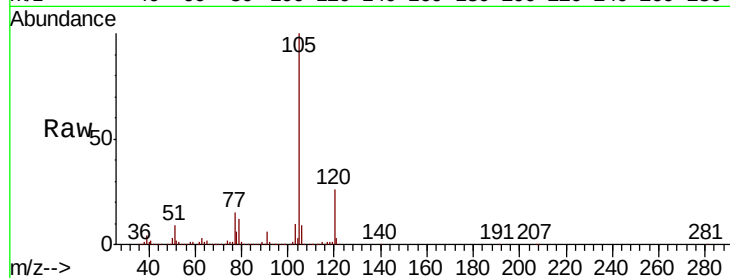
120 26.5 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

300000

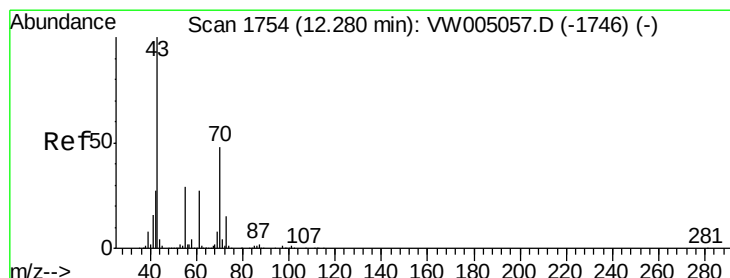
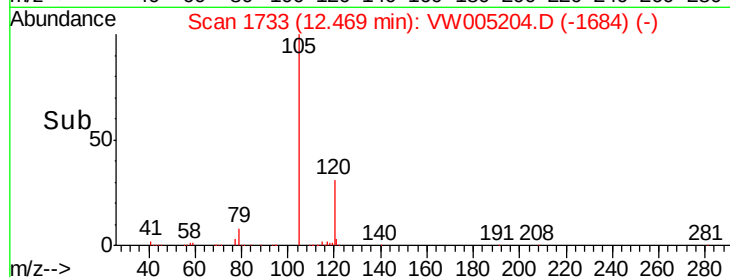
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 20.61 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion: 43 Resp: 88052

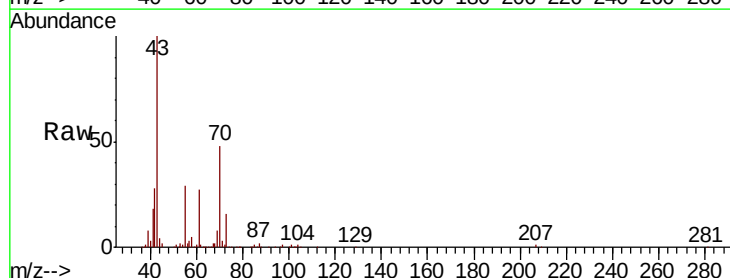
Ion Ratio Lower Upper

43 100

70 47.1 38.2 57.4

55 29.0 23.2 34.8

61 25.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

60000

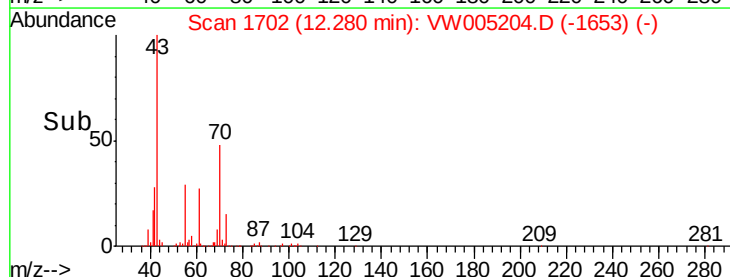
40000

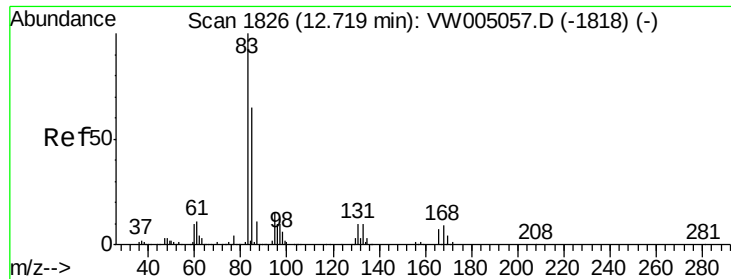
20000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 19.80 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

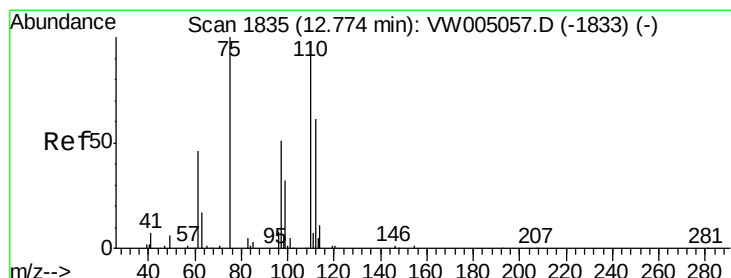
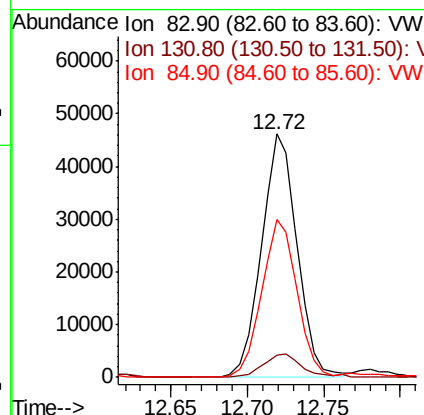
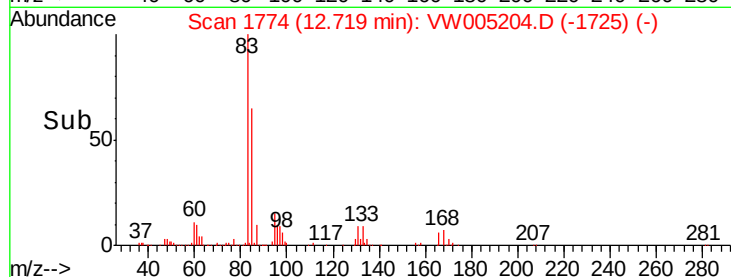
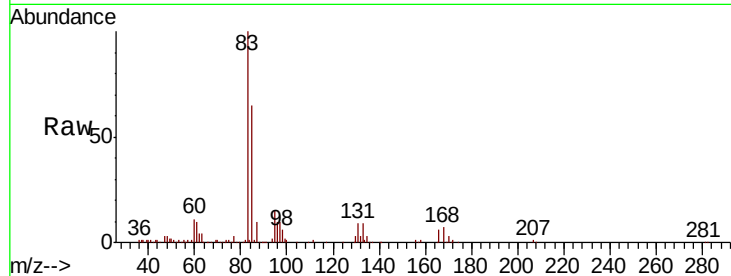
ClientSampleId :

VW0907SBS01

Tot Ion:	83	Resp:	74764
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.4
85	64.2	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 22.70 ug/l m

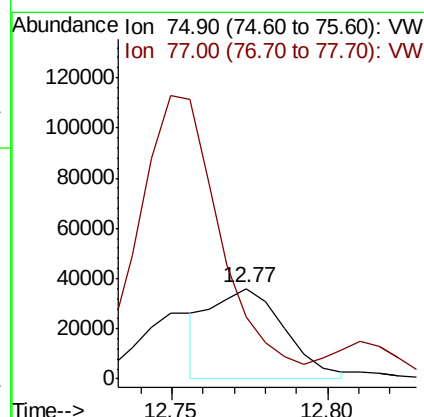
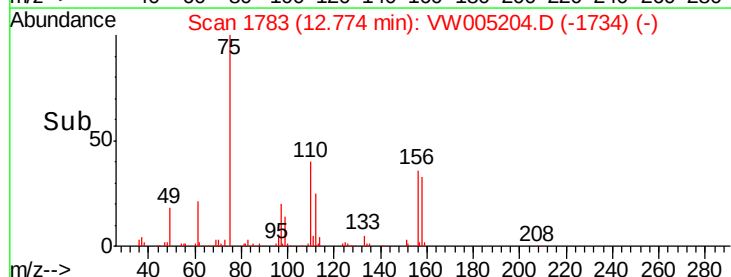
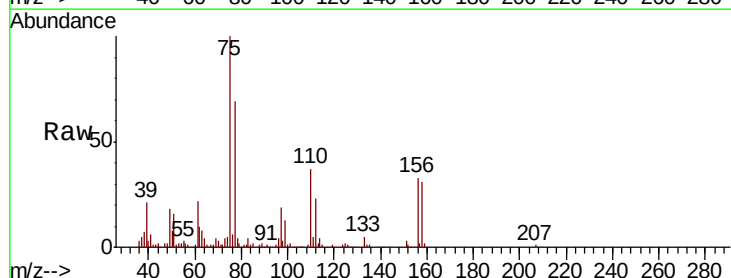
RT: 12.77 min Scan# 1783

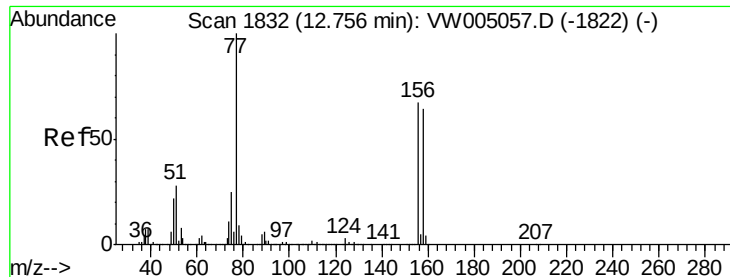
Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	75	Resp:	59958
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





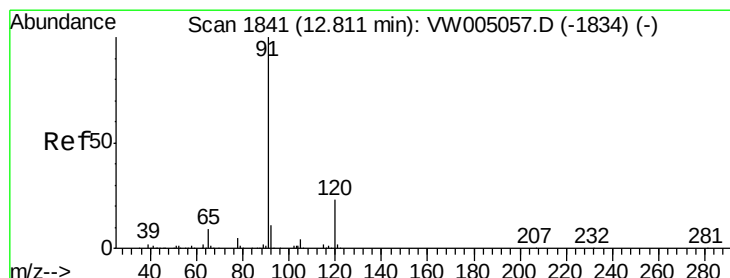
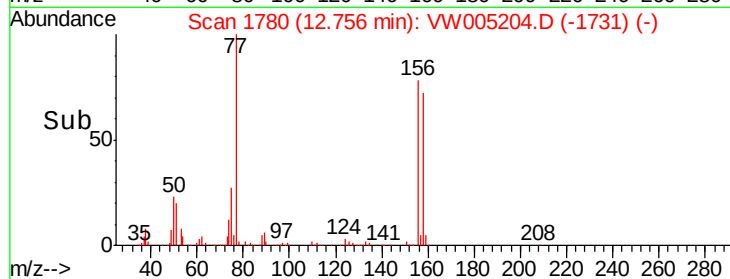
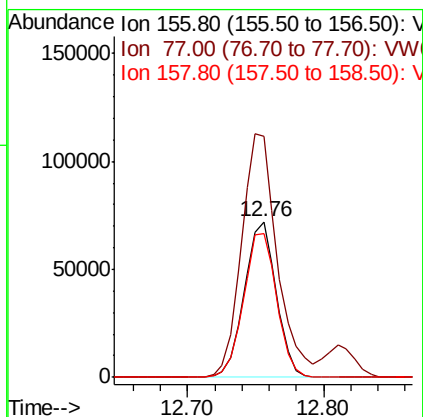
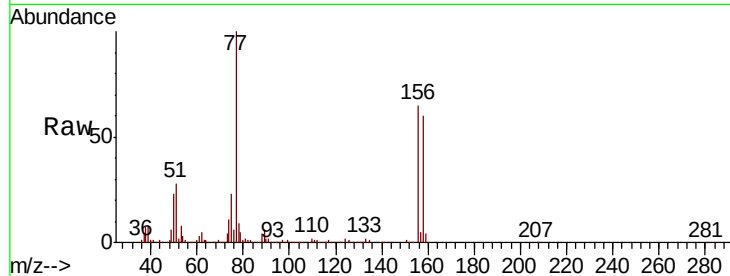
#77
Bromobenzene
Concen: 19.34 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.6	85.8	257.4
158	95.9	48.1	144.4

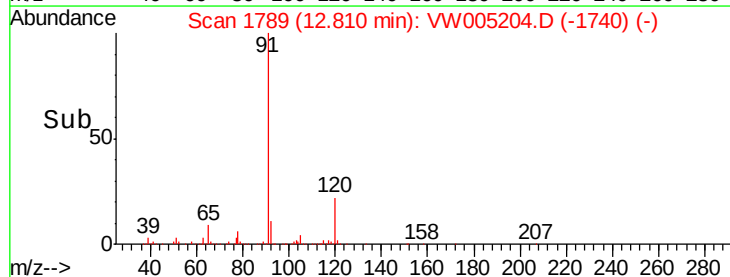
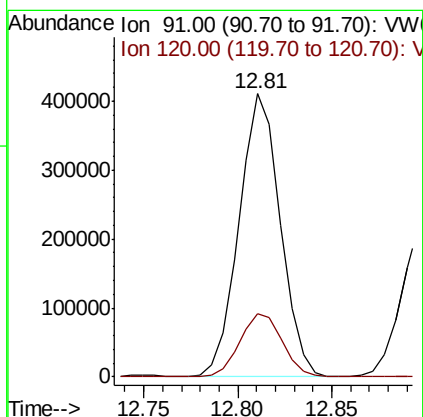
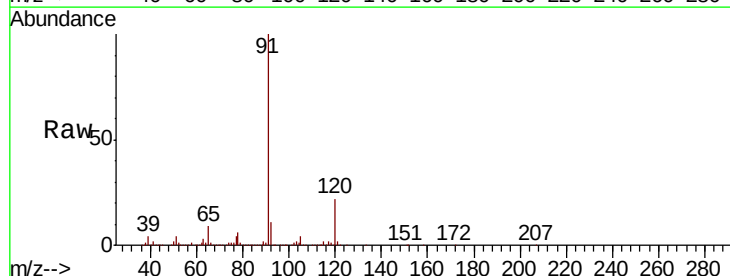
Manual Integrations
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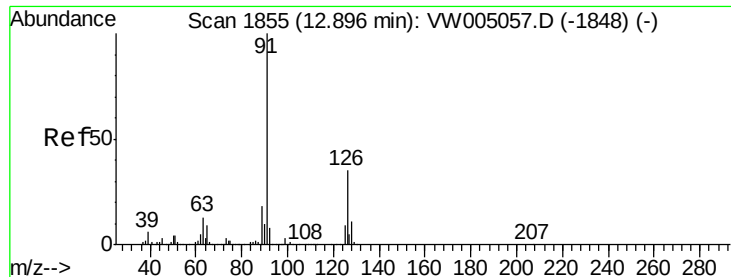
apatel
9/10/2018 10:48:38 AM



#78
n-propylbenzene
Concen: 20.75 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.09 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 91 Resp: 350933

Ion Ratio Lower Upper

91 100

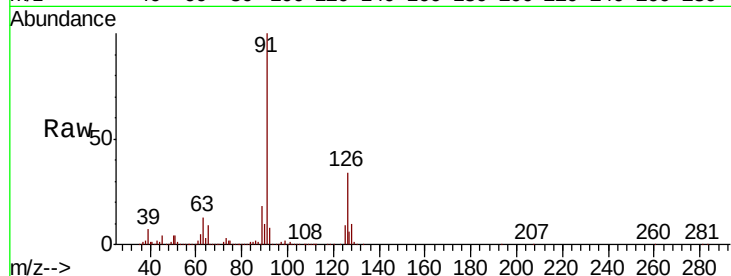
126 34.4 17.3 52.0

Manual Integrations

APPROVED

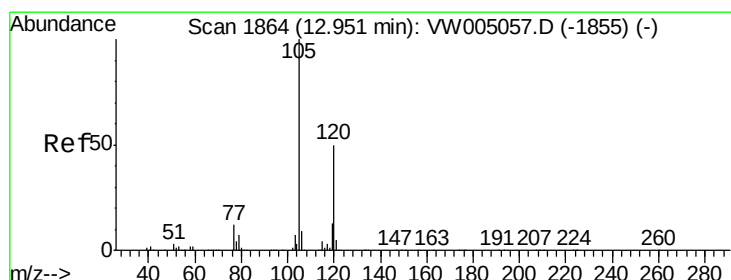
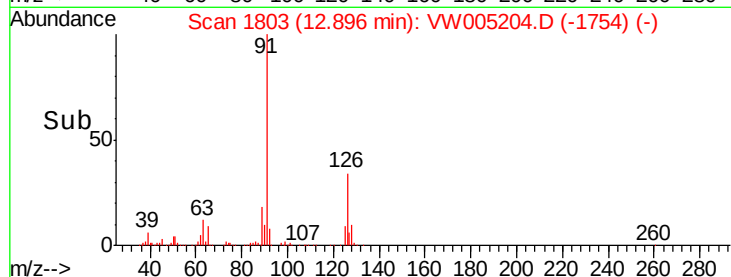
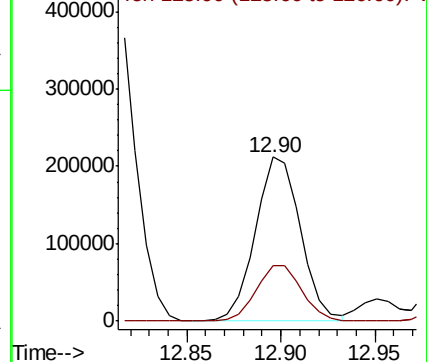
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.01 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005204.D

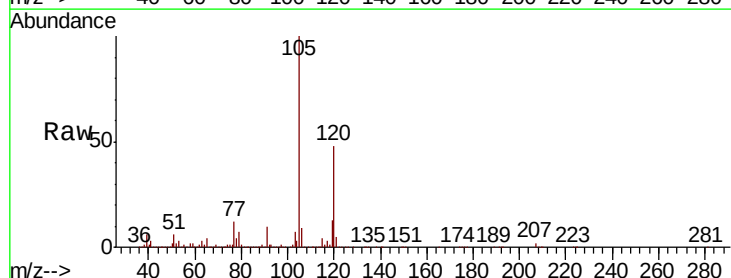
Acq: 07 Sep 2018 13:09

Tgt Ion: 105 Resp: 429364

Ion Ratio Lower Upper

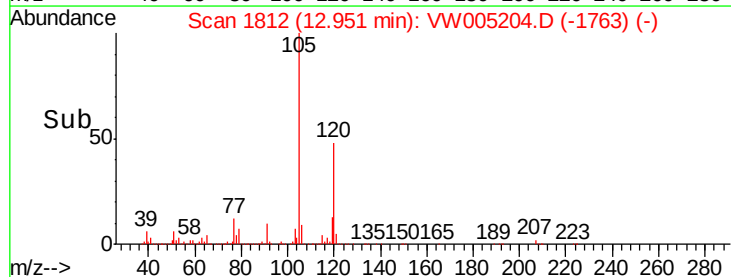
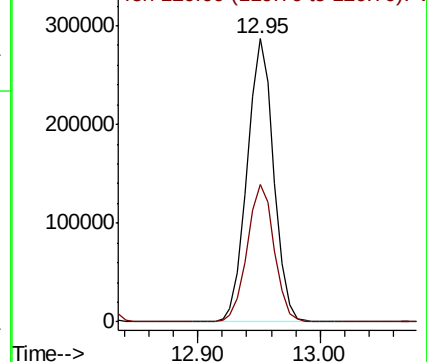
105 100

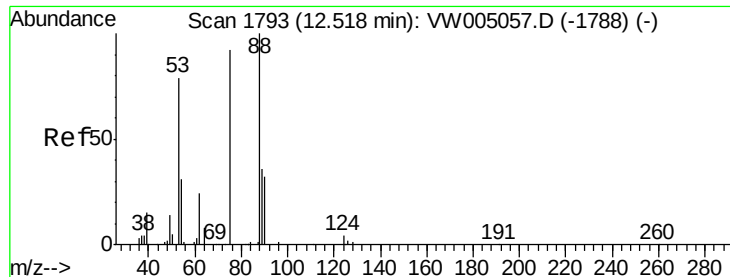
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.61 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

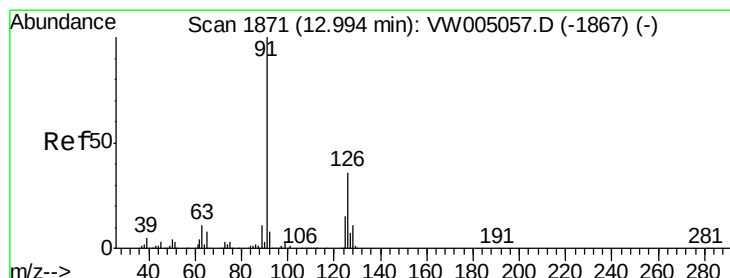
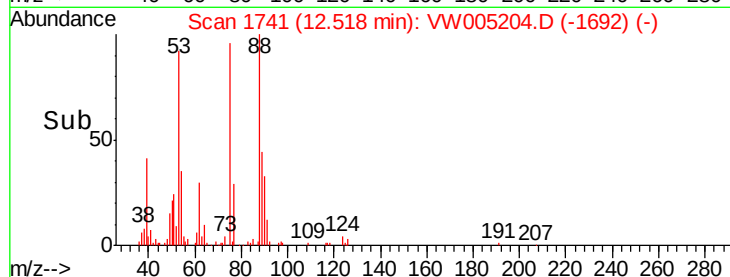
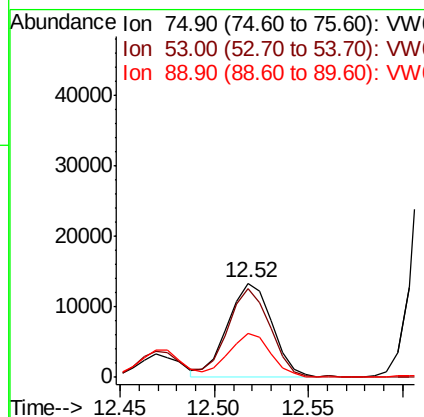
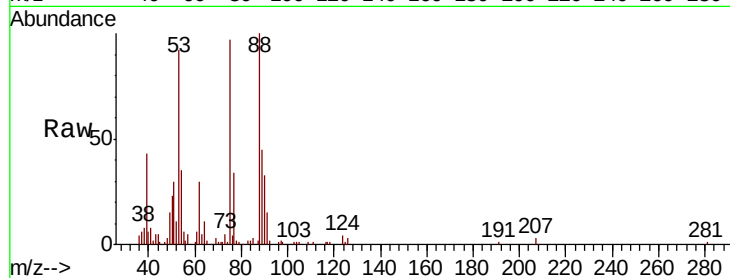
ClientSampleId :

VW0907SBS01

Tot Ion:	75	Resp:	21515
Ion Ratio	Lower	Upper	
75	100		
53	93.0	69.8	104.8
89	45.0	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.91 ug/l

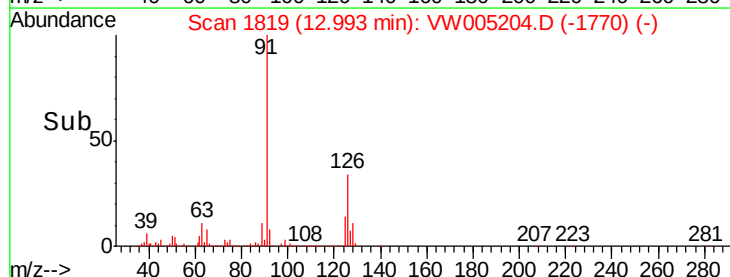
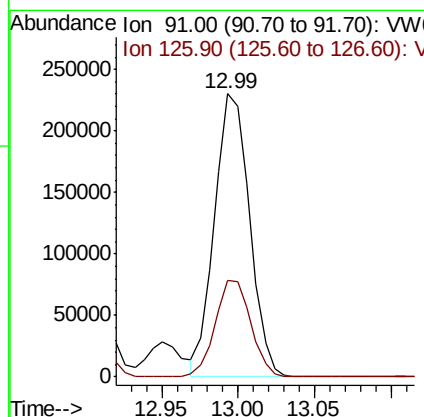
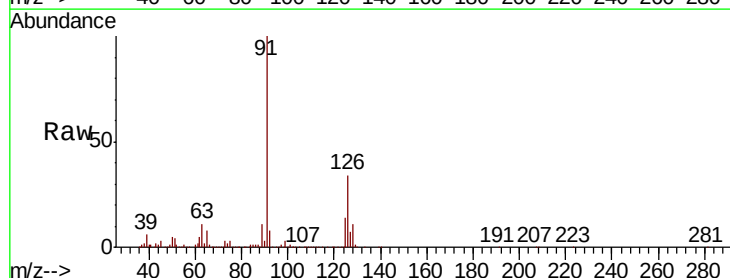
RT: 12.99 min Scan# 1819

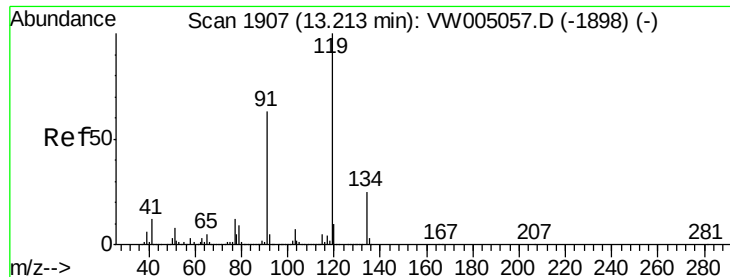
Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	91	Resp:	367338
Ion Ratio	Lower	Upper	
91	100		
126	34.7	17.4	52.3





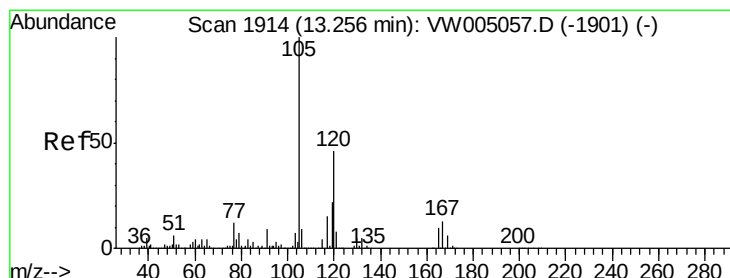
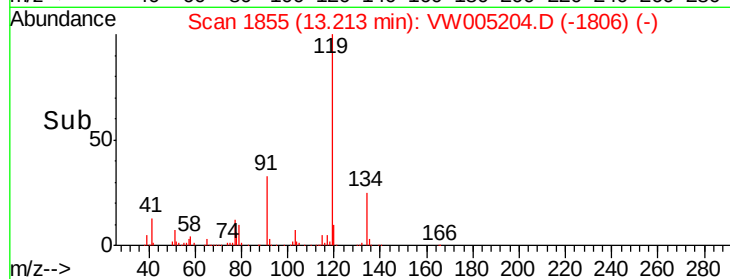
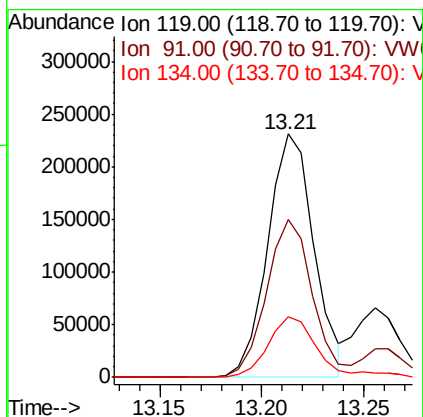
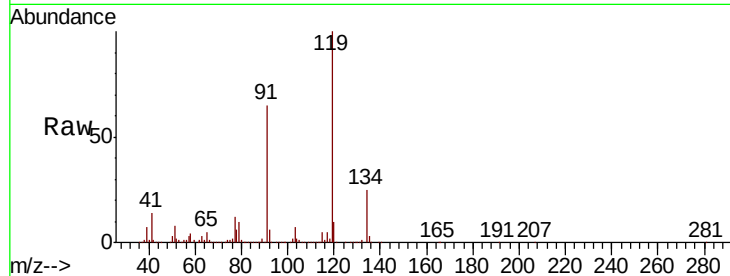
#83
 tert-Butylbenzene
 Concen: 20.40 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	31.8	95.4
134	26.7	13.0	39.0

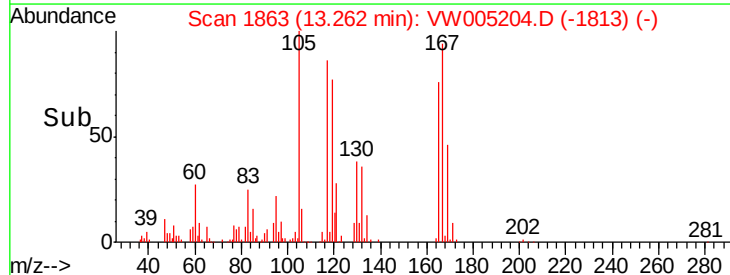
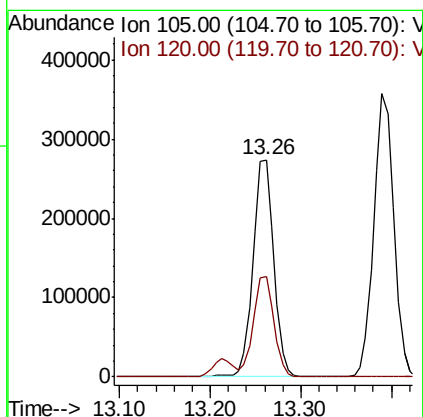
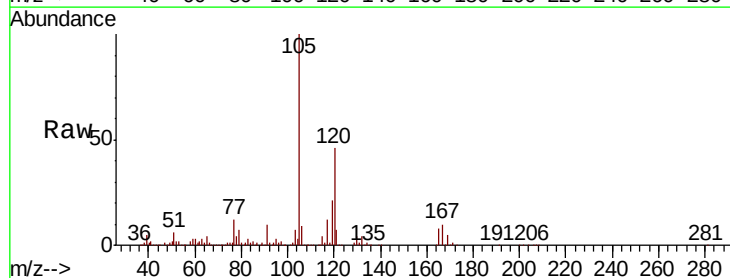
Manual Integrations
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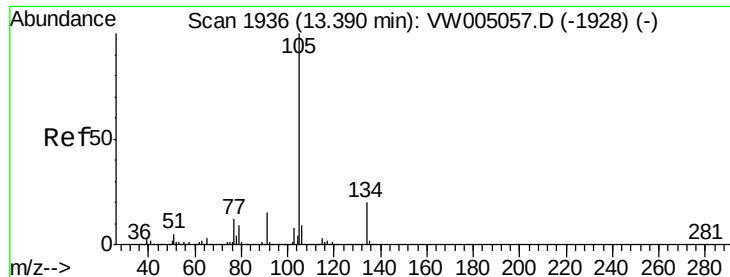
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.86 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.78 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion:105 Resp: 547185

Ion Ratio Lower Upper

105 100

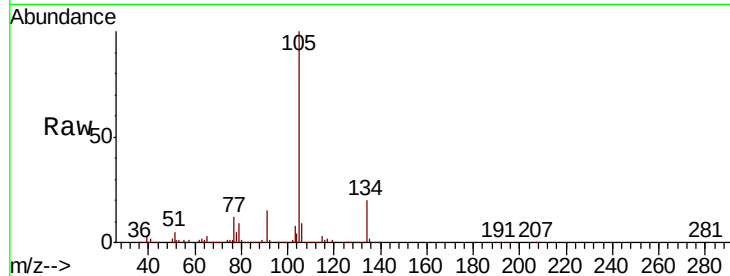
134 19.9 10.1 30.3

Manual Integrations

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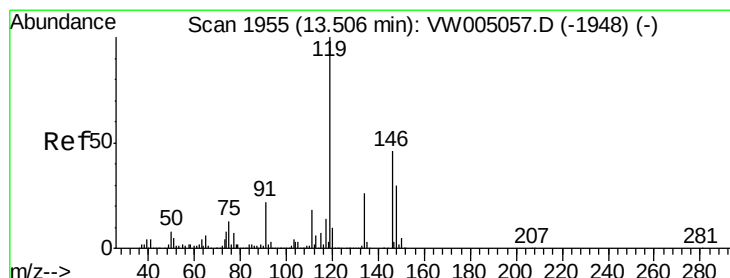
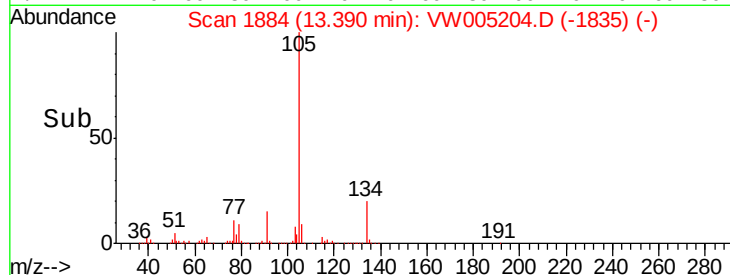
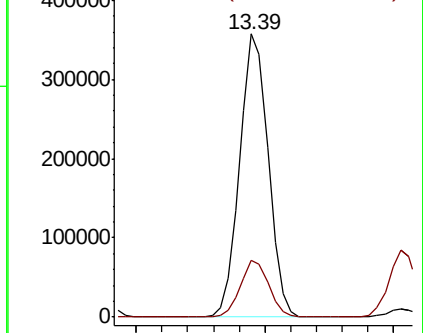
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.42 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

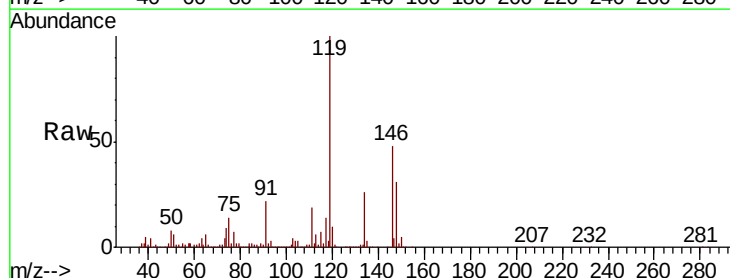
Tgt Ion:119 Resp: 475910

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

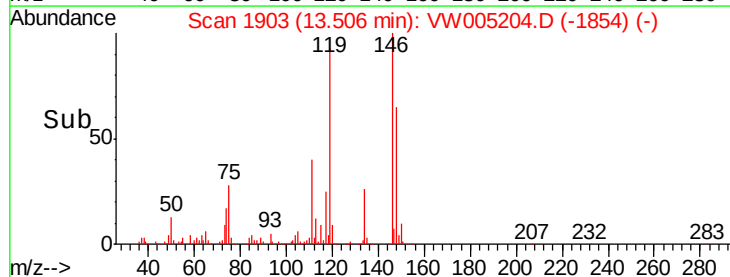
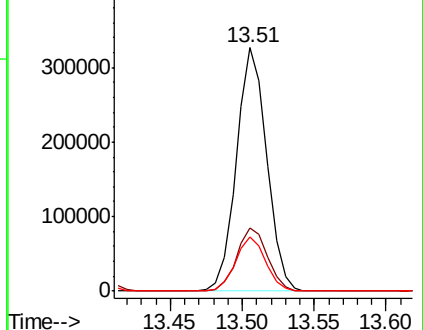
91 22.1 10.9 32.9

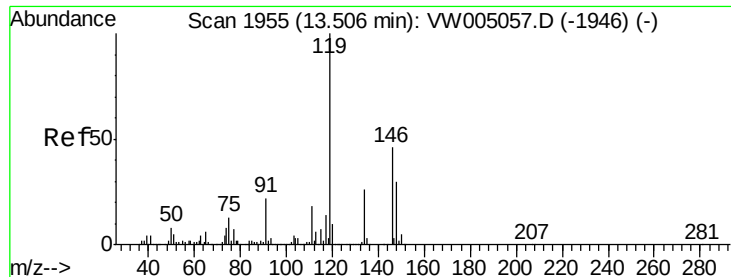


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





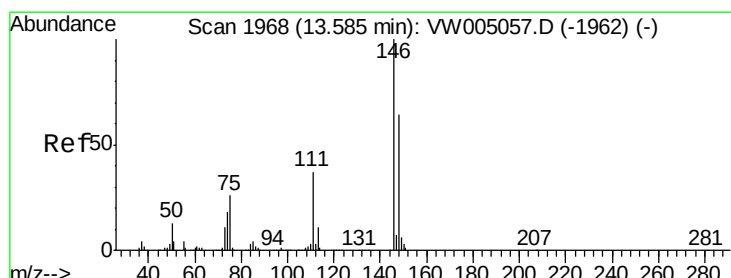
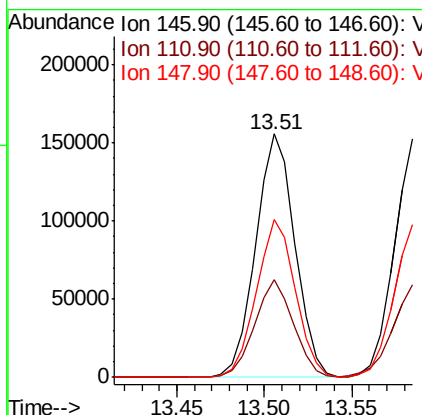
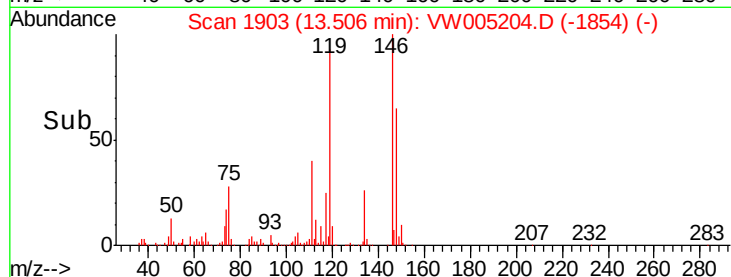
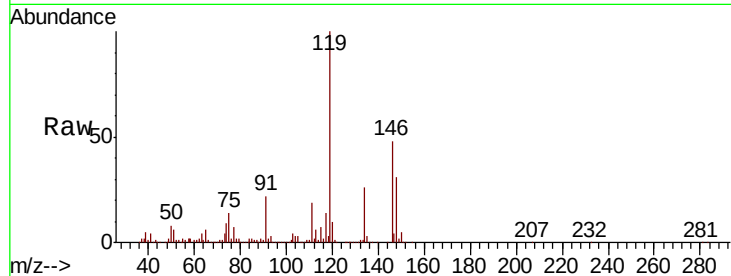
#87
 1,3-Dichlorobenzene
 Concen: 19.45 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.2	57.6
148	64.6	31.9	95.7

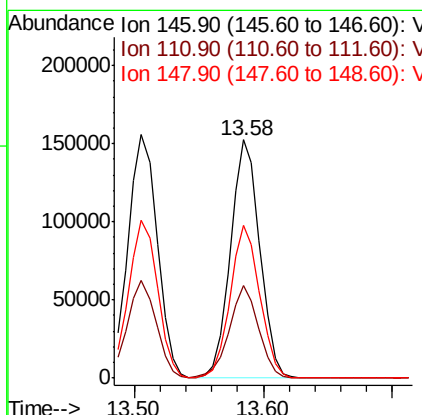
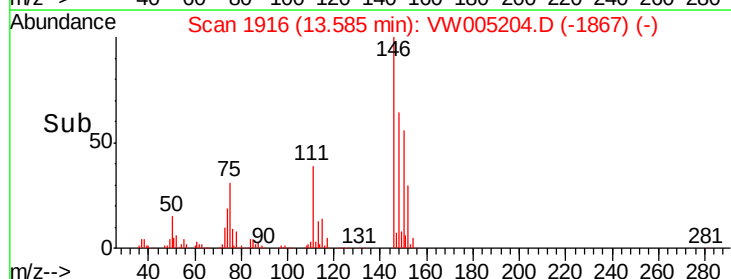
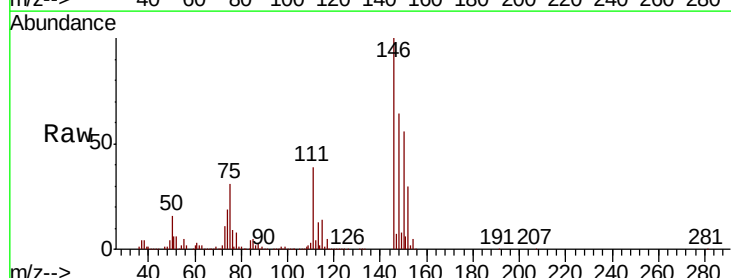
Manual Integrations
 APPROVED

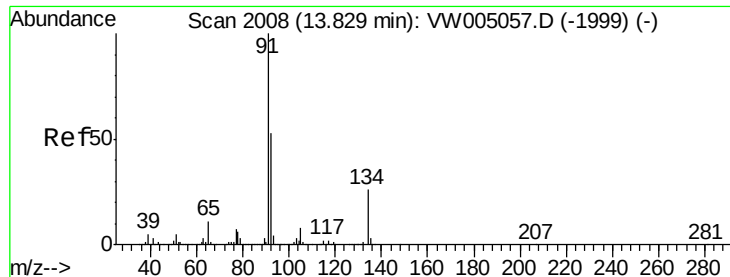
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.34 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.6	56.0
148	64.6	32.0	96.0





#89

n-Butylbenzene

Concen: 20.70 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

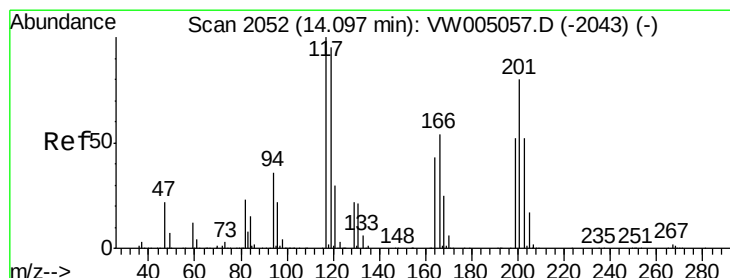
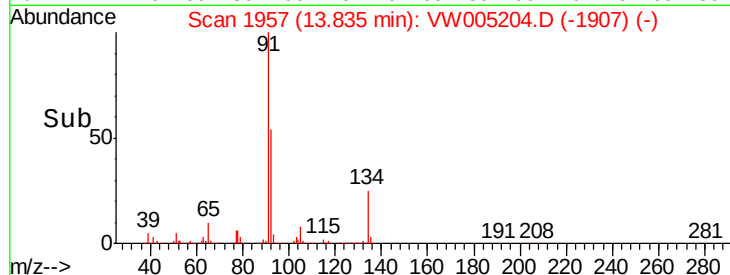
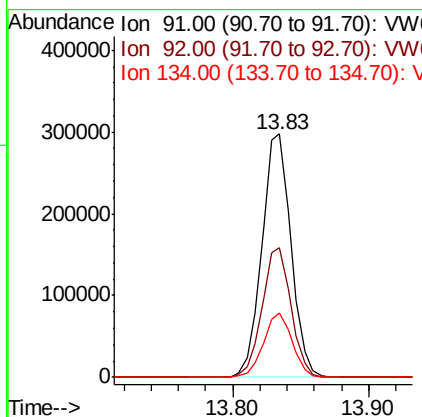
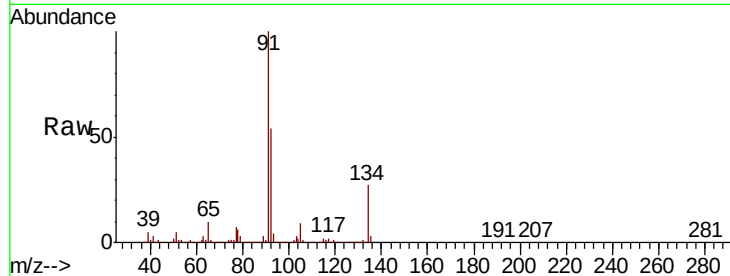
ClientSampleId :

VW0907SBS01

Tot Ion:	91	Resp:	447174
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	26.2	13.5	40.4

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#90

Hexachloroethane

Concen: 19.16 ug/l

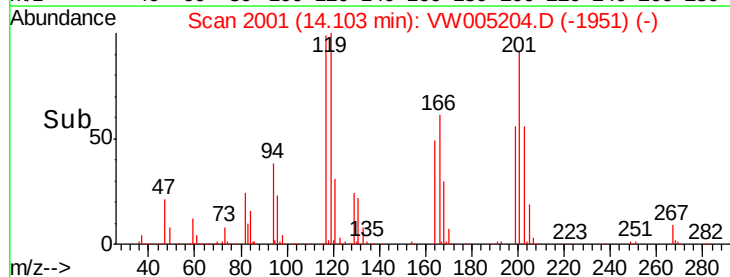
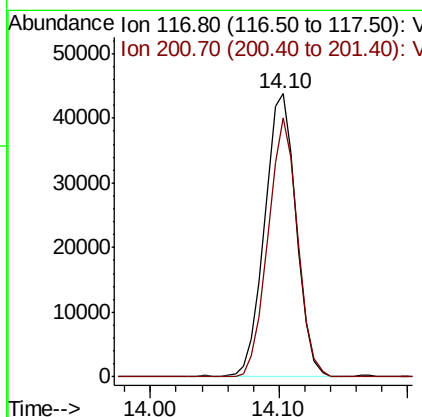
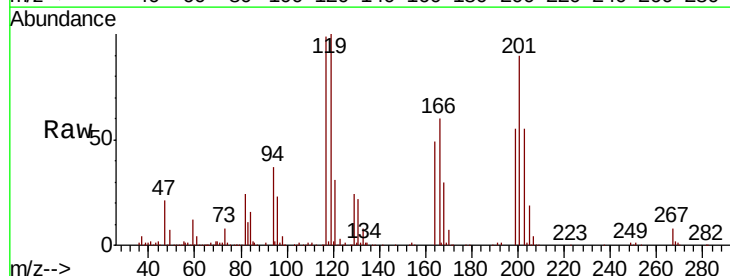
RT: 14.10 min Scan# 2001

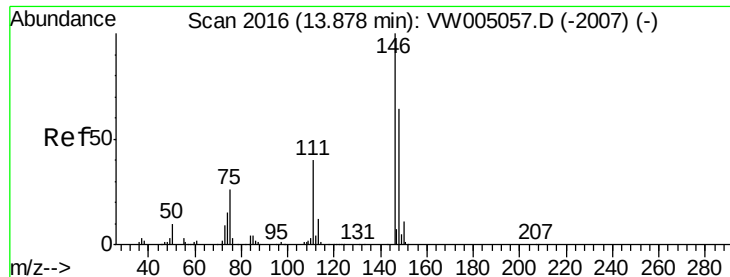
Delta R.T. 0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion:	117	Resp:	74157
Ion	Ratio	Lower	Upper
117	100		
201	86.1	44.6	133.8





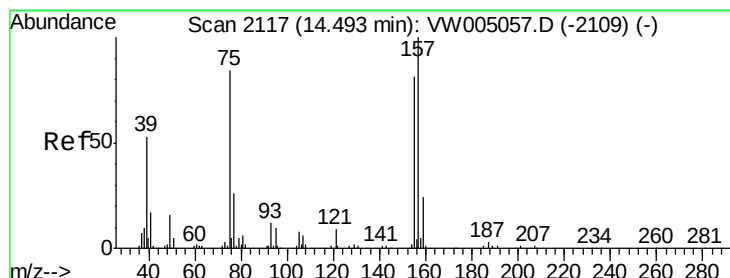
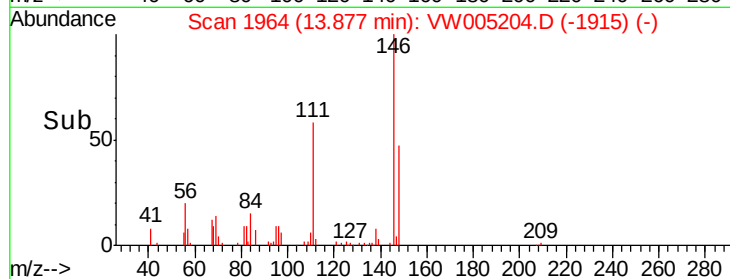
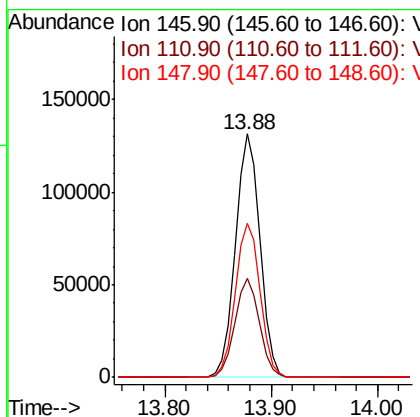
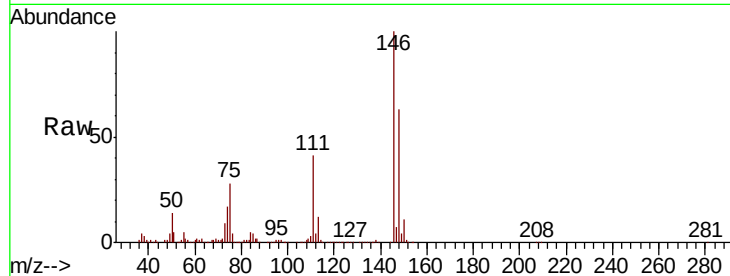
#91
 1,2-Dichlorobenzene
 Concen: 19.44 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	63.8	31.9	95.9

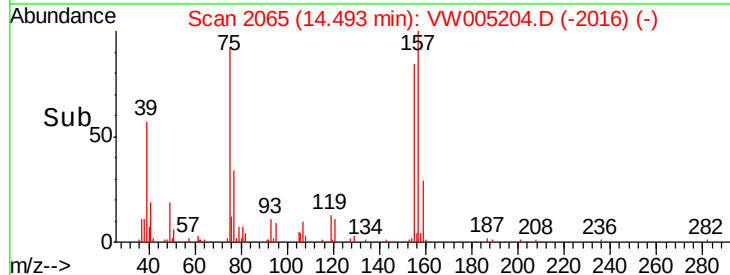
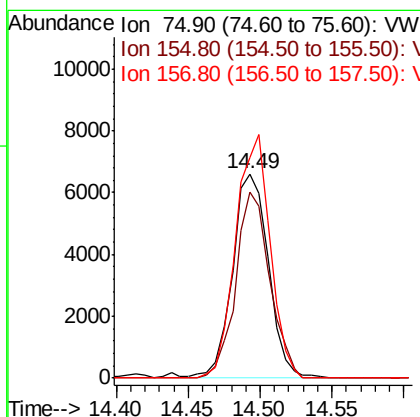
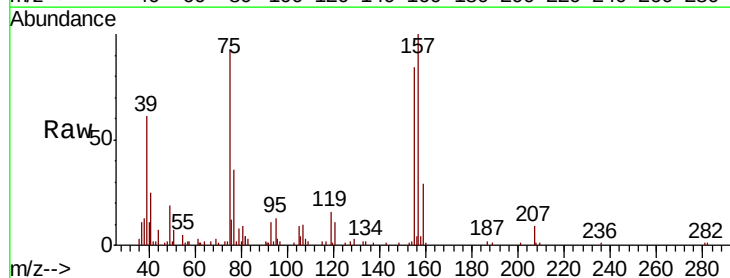
Manual Integrations
 APPROVED

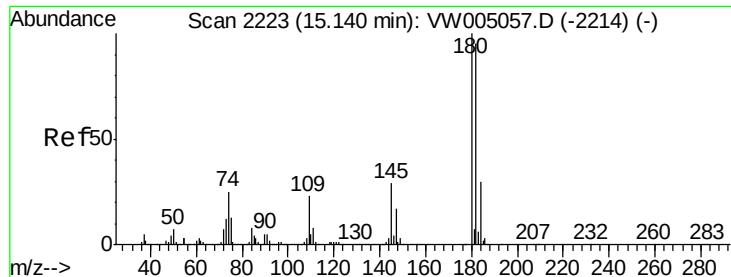
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.42 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	46.0	137.8
157	113.8	58.6	175.7





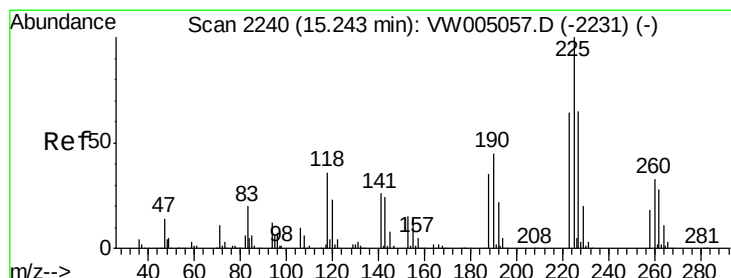
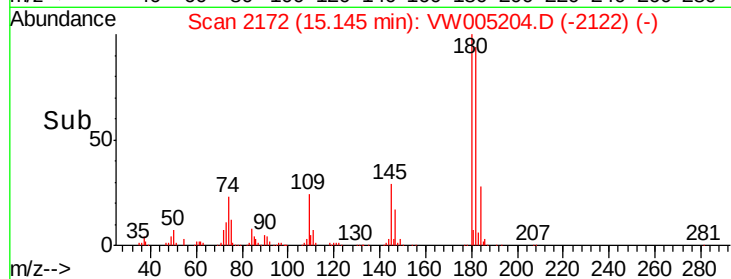
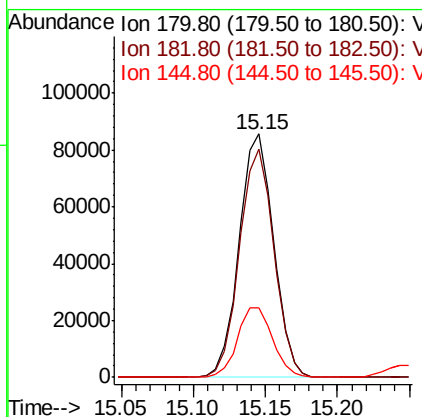
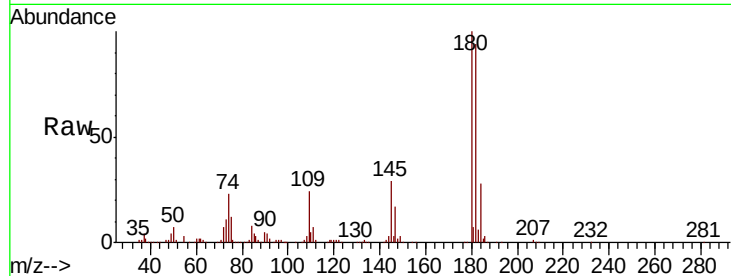
#93
 1,2,4-Trichlorobenzene
 Concen: 19.36 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampled :
 VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142083		
182	93.8	47.5	142.6	
145	29.2	14.4	43.2	

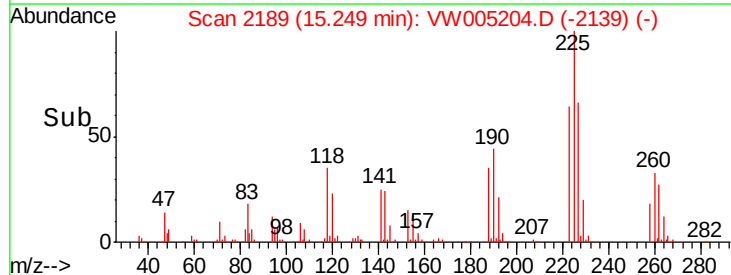
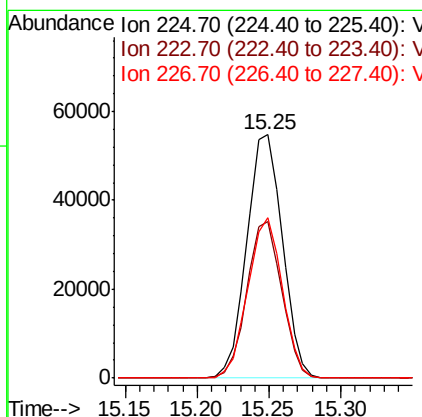
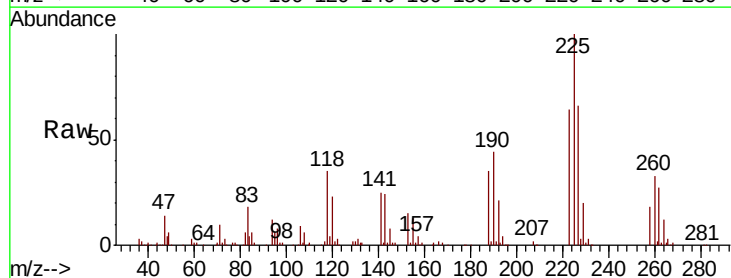
Manual Integrations
 APPROVED

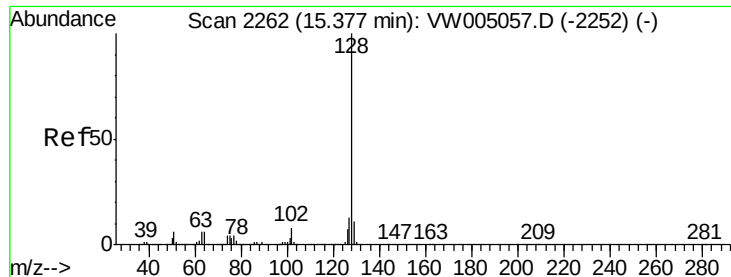
apatel
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#94
 Hexachlorobutadiene
 Concen: 20.51 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93612		
223	62.9	31.4	94.3	
227	63.9	32.0	96.0	





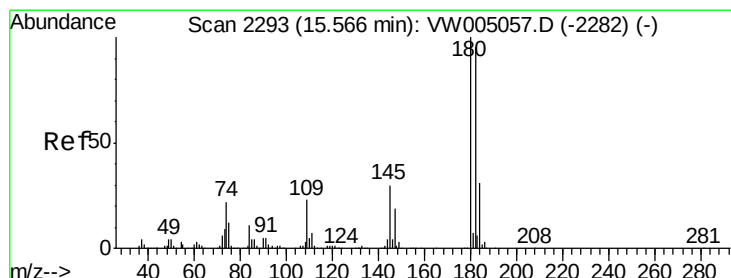
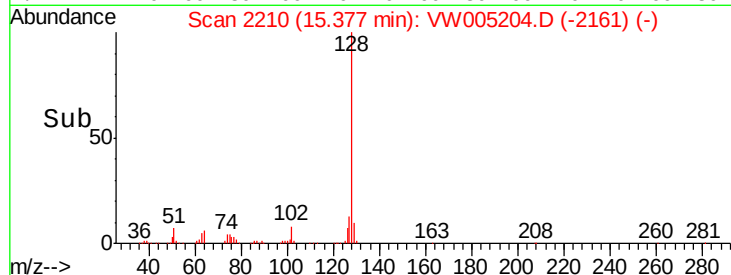
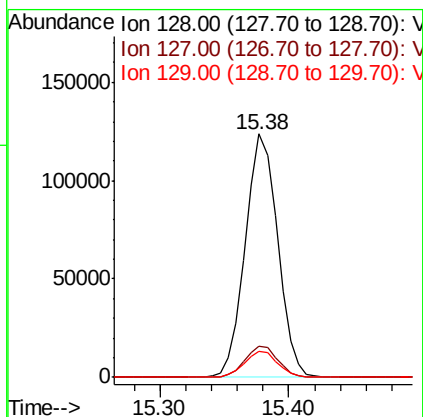
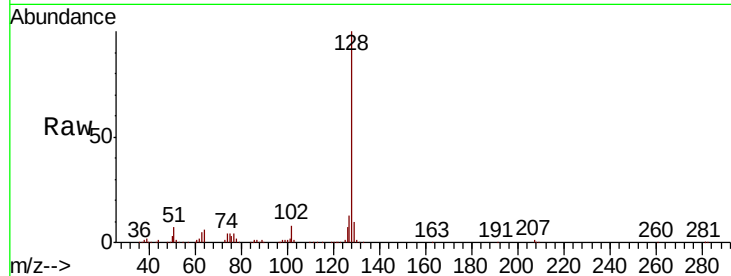
#95
Naphthalene
Concen: 19.59 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	215172		
127	13.0		10.4	15.6
129	10.8		8.7	13.1

Manual Integrations
APPROVED

apatel
9/10/2018 10:48:38 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.11 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120013		
182	94.6		47.4	142.3
145	31.4		15.4	46.1

