

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005061.D
 Acq On : 01 Sep 2018 03:11
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Manual Integrations
 APPROVED

apatel
 9/4/2018 9:37:19 AM

Quant Time: Sep 01 03:47:16 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	535049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	789717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	769855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	415415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	198753	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	7.89	113	209799	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.33	98	1014310	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.62	95	363513	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	183843	42.64	ug/l	99
3) Chloromethane	2.22	50	277777	44.40	ug/l	98
4) Vinyl Chloride	2.36	62	275649	45.30	ug/l	97
5) Bromomethane	2.78	94	190986	51.92	ug/l	98
6) Chloroethane	2.92	64	172218	45.47	ug/l	98
7) Trichlorofluoromethane	3.26	101	300959	43.97	ug/l	99
8) Diethyl Ether	3.69	74	112773	45.54	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	210435	44.76	ug/l	99
10) Methyl Iodide	4.28	142	328117	46.95	ug/l	99
11) Tert butyl alcohol	5.19	59	67470	276.80	ug/l	97
12) 1,1-Dichloroethene	4.04	96	198271	45.83	ug/l	97
13) Acrolein	3.90	56	64803	225.10	ug/l	99
14) Allyl chloride	4.68	41	320673	47.41	ug/l	99
15) Acrylonitrile	5.38	53	243932	233.53	ug/l	100
16) Acetone	4.14	43	201646	226.70	ug/l	97
17) Carbon Disulfide	4.39	76	690240	45.79	ug/l	99
18) Methyl Acetate	4.68	43	134782	51.51	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	514882	49.01	ug/l	100
20) Methylene Chloride	4.92	84	294590	48.94	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	241547	45.82	ug/l	99
22) Diisopropyl ether	6.32	45	705390	49.57	ug/l	99
23) Vinyl Acetate	6.26	43	1781491	238.32	ug/l	99
24) 1,1-Dichloroethane	6.23	63	409346	46.02	ug/l	99
25) 2-Butanone	7.18	43	347033	224.93	ug/l	98
26) 2,2-Dichloropropane	7.18	77	326184	44.62	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	266587	46.23	ug/l	99
28) Bromochloromethane	7.52	49	164185	45.86	ug/l	99
29) Tetrahydrofuran	7.54	42	184971	234.64	ug/l	100
30) Chloroform	7.68	83	416224	45.84	ug/l	98
31) Cyclohexane	7.96	56	395482	45.40	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	367106	46.43	ug/l	100
36) 1,1-Dichloropropene	8.09	75	348458	46.33	ug/l	99
37) Ethyl Acetate	7.26	43	126054	44.81	ug/l	99
38) Carbon Tetrachloride	8.07	117	322008	45.03	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	437352	48.08	ug/l	100
40) Benzene	8.33	78	1073661	46.63	ug/l	98
41) Methacrylonitrile	7.49	41	79451	48.75	ug/l	98
42) 1,2-Dichloroethane	8.41	62	247325	43.89	ug/l	100
43) Isopropyl Acetate	8.43	43	237360	46.37	ug/l	99
44) Trichloroethene	9.10	130	287062	46.21	ug/l	98
45) 1,2-Dichloropropane	9.37	63	260991	46.40	ug/l	99
46) Dibromomethane	9.46	93	121054	45.01	ug/l	98
47) Bromodichloromethane	9.65	83	311827	46.04	ug/l	99
48) Methyl methacrylate	9.45	41	121118	49.14	ug/l	99
49) 1,4-Dioxane	9.46	88	42805	984.11	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	834981	243.41	ug/l	99
52) Toluene	10.40	92	754059	48.33	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	315727	47.44	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	387787	47.92	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	189257	45.45	ug/l	97
56) Ethyl methacrylate	10.65	69	241901	50.92	ug/l	99
57) 1,3-Dichloropropane	10.94	76	318826	46.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	557630	247.70	ug/l	100
59) 2-Hexanone	10.98	43	578049	249.15	ug/l	99
60) Dibromochloromethane	11.13	129	217528	46.20	ug/l	100
61) 1,2-Dibromoethane	11.24	107	174426	46.39	ug/l	100
64) Tetrachloroethene	10.87	164	286374	47.41	ug/l	98
65) Chlorobenzene	11.66	112	837658	48.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	251759	47.54	ug/l	99
67) Ethyl Benzene	11.74	91	1453731	49.62	ug/l	99
68) m/p-Xylenes	11.85	106	1165907	99.38	ug/l	100
69) o-Xylene	12.17	106	547940	50.52	ug/l	97
70) Styrene	12.19	104	907510	50.65	ug/l	100
71) Bromoform	12.35	173	130937	46.65	ug/l #	98
73) Isopropylbenzene	12.47	105	1454812	49.67	ug/l	100
74) N-amyl acetate	12.28	43	245902	48.76	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	209998	47.09	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	139997m	44.90	ug/l	
77) Bromobenzene	12.75	156	348471	48.28	ug/l	100
78) n-propylbenzene	12.81	91	1757442	49.70	ug/l	100
79) 2-Chlorotoluene	12.90	91	1009138	48.92	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1261002	49.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	61211	47.25	ug/l	98
82) 4-Chlorotoluene	12.99	91	1066058	48.94	ug/l	99
83) tert-Butylbenzene	13.21	119	1063709	50.28	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1297466	50.29	ug/l	100
85) sec-Butylbenzene	13.39	105	1532323	49.29	ug/l	100
86) p-Isopropyltoluene	13.51	119	1385114	50.33	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	708720	47.80	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	694192	47.20	ug/l	100
89) n-Butylbenzene	13.83	91	1276826	50.06	ug/l	100
90) Hexachloroethane	14.10	117	224385	49.09	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	623461	48.25	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33211	47.66	ug/l	100

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	447141	51.61	ug/l	100
94) Hexachlorobutadiene	15.24	225	261258	48.48	ug/l	99
95) Naphthalene	15.38	128	726869	48.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	379828	51.22	ug/l	99

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

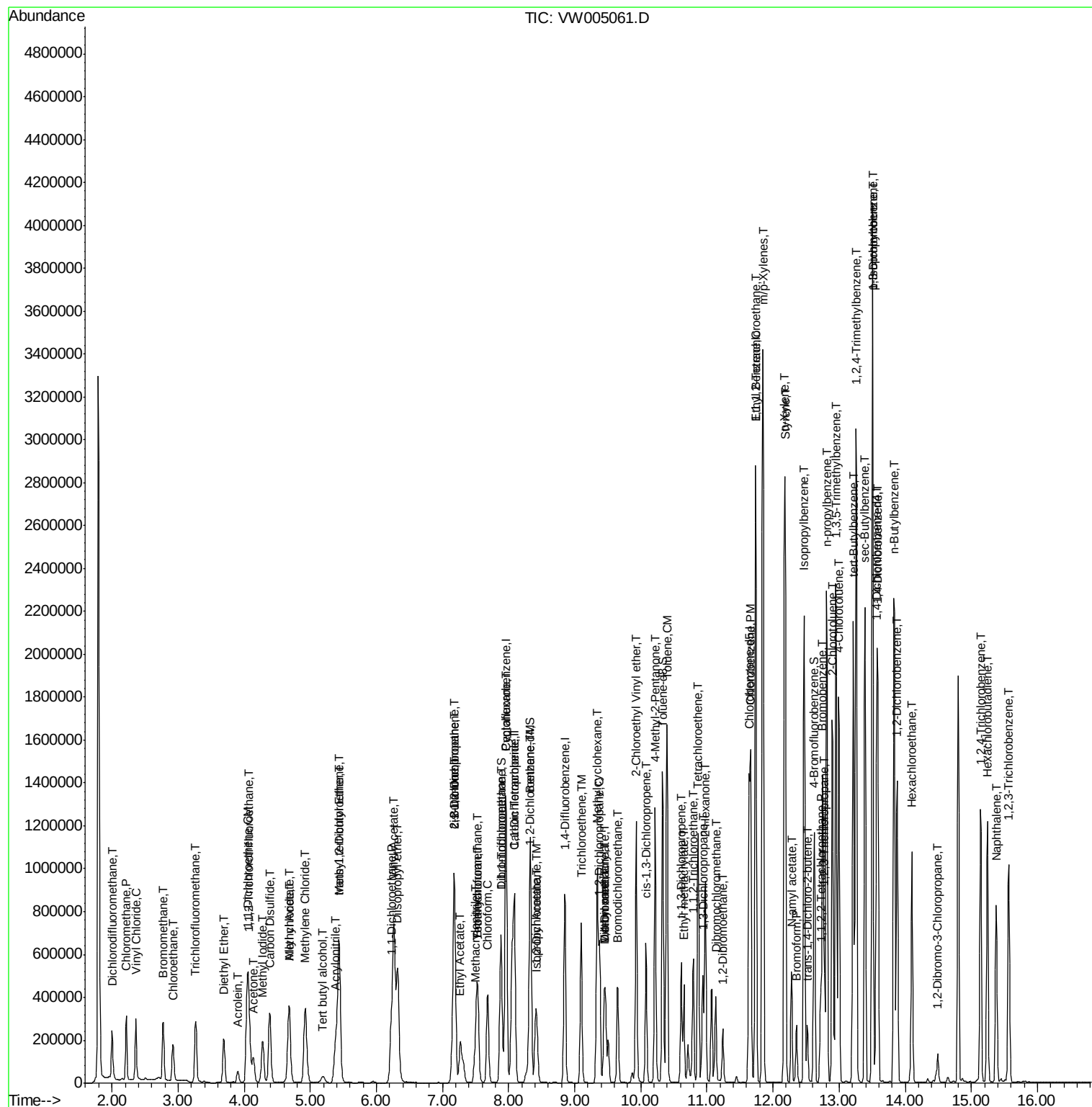
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090118\
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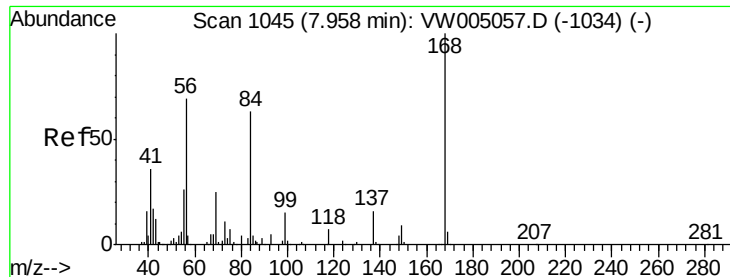
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

ICVW090118

Tot Ion:168 Resp: 535049

Ion Ratio Lower Upper

168 100

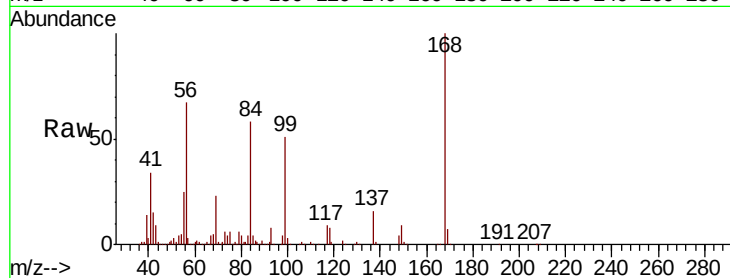
99 50.7 39.4 59.0

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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

250000

200000

150000

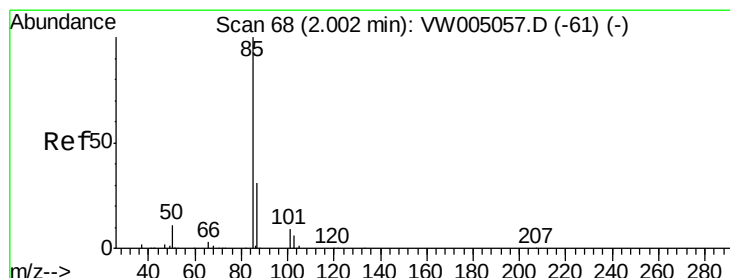
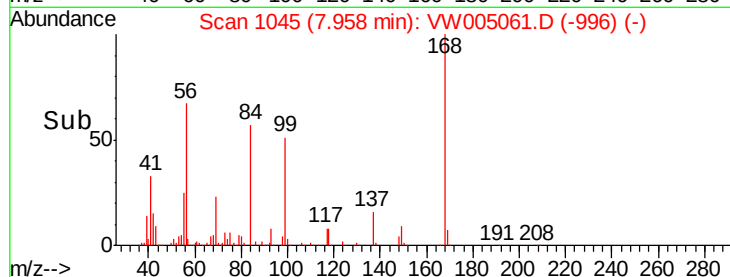
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 42.64 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005061.D

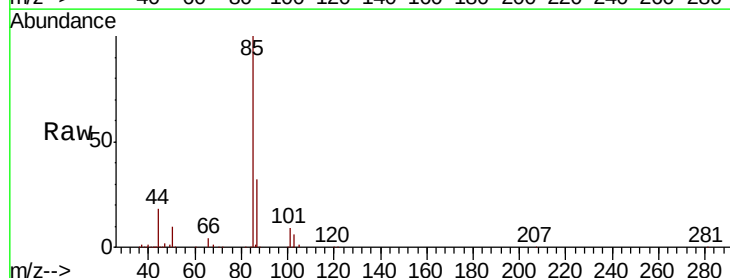
Acq: 01 Sep 2018 03:11

Tgt Ion: 85 Resp: 183843

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

150000

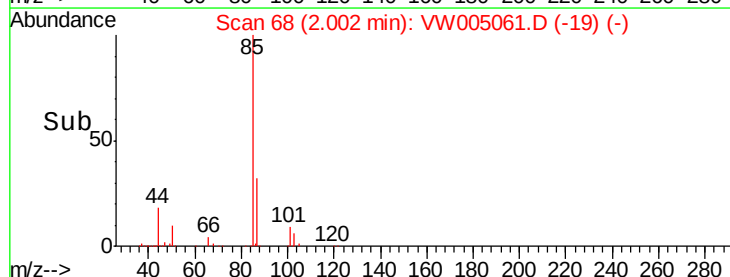
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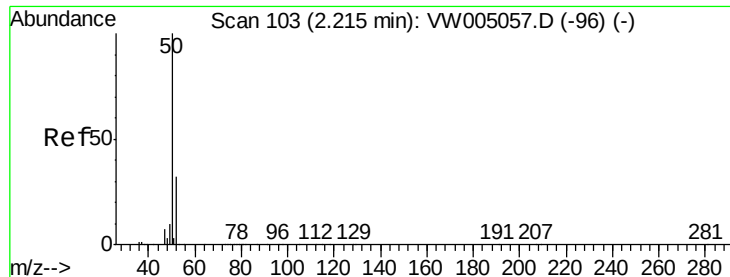
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 44.40 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

Tot Ion: 50 Resp: 277777

Ion Ratio Lower Upper

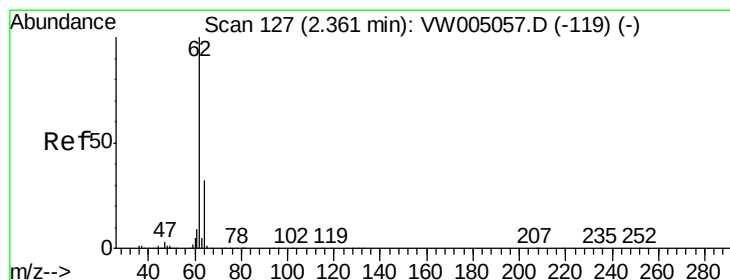
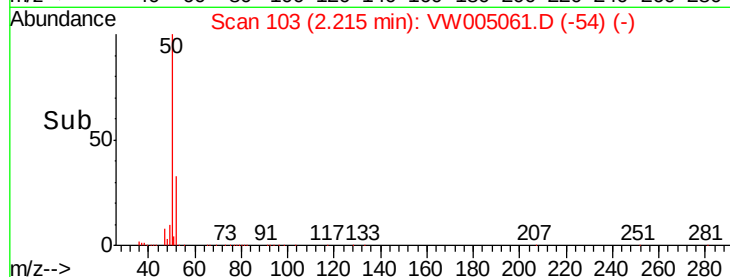
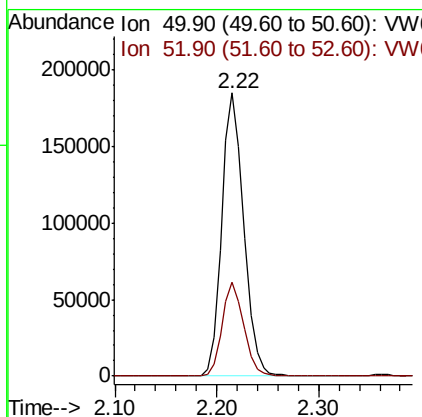
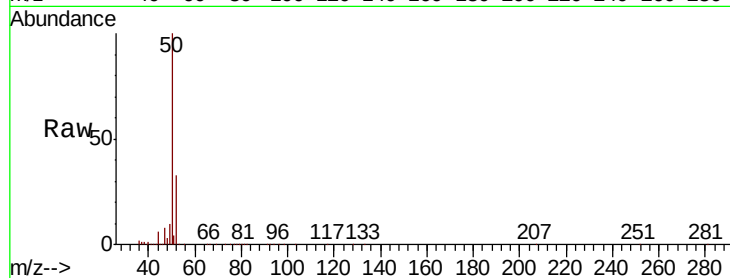
50 100

52 33.3 25.8 38.6

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#4

Vinyl Chloride

Concen: 45.30 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.00 min

Lab File: VW005061.D

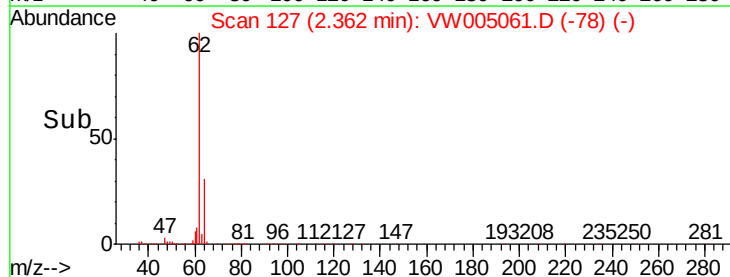
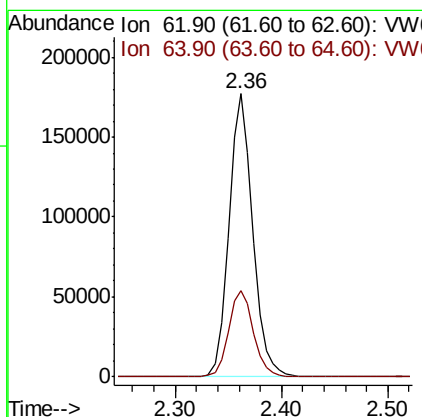
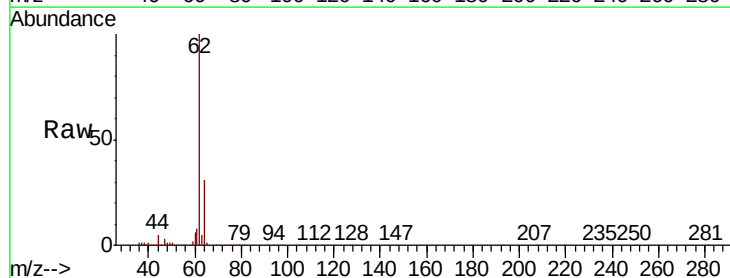
Acq: 01 Sep 2018 03:11

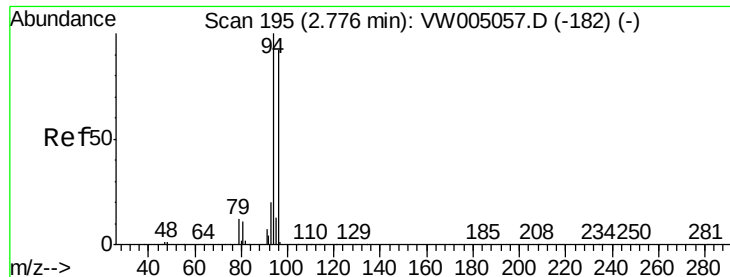
Tgt Ion: 62 Resp: 275649

Ion Ratio Lower Upper

62 100

64 30.4 25.6 38.4





#5

Bromomethane

Concen: 51.92 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tot Ion: 94 Resp: 190986

Ion Ratio Lower Upper

94 100

96 93.8 73.2 109.8

Instrument :

MSVOA_W

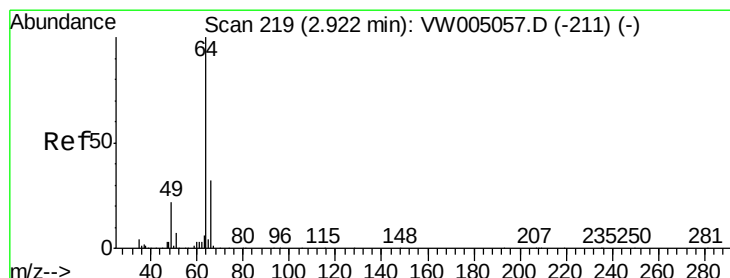
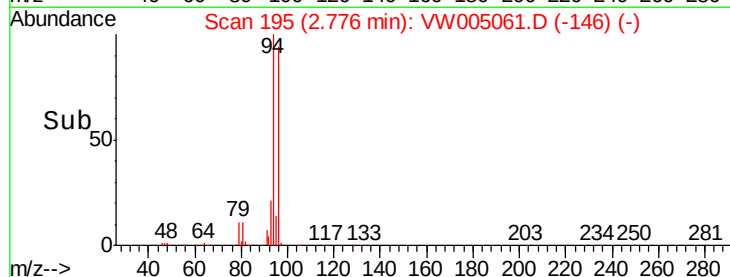
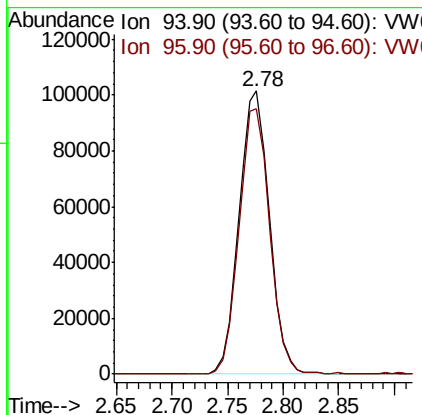
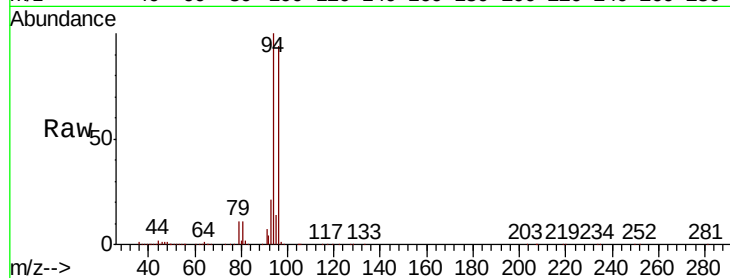
ClientSampleId :

ICVW090118

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#6

Chloroethane

Concen: 45.47 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW005061.D

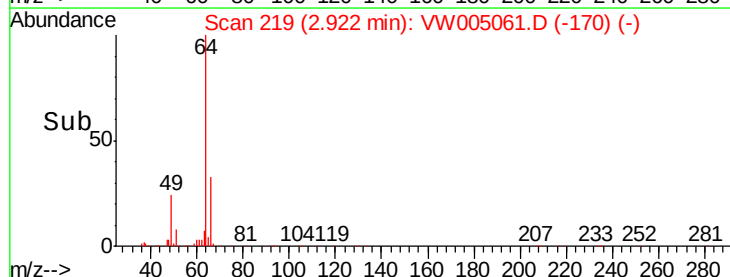
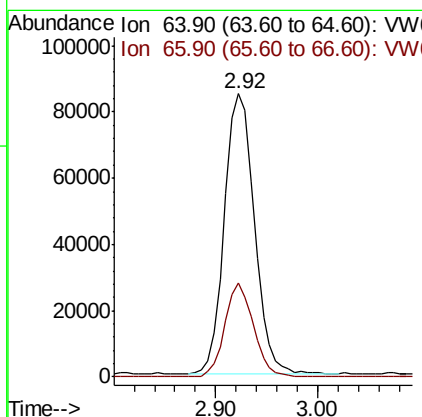
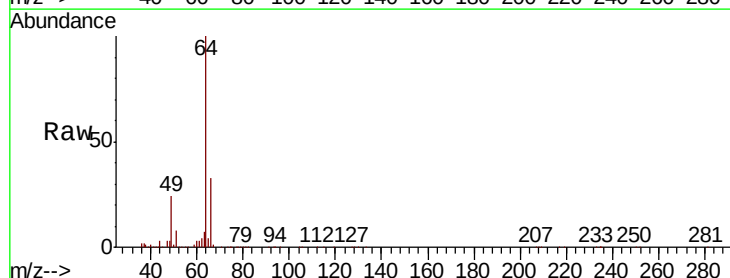
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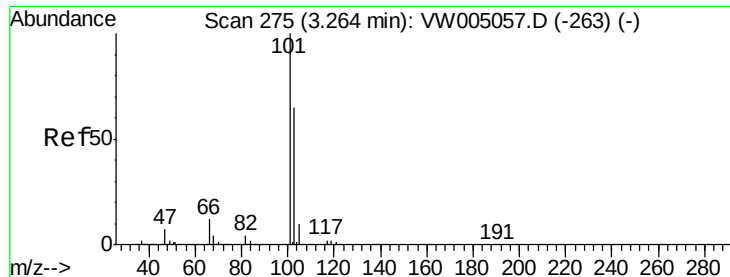
Tgt Ion: 64 Resp: 172218

Ion Ratio Lower Upper

64 100

66 33.3 25.7 38.5





#7

Trichlorofluoromethane

Concen: 43.97 ug/l

RT: 3.26 min Scan# 275

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

Tot Ion:101 Resp: 300959

Ion Ratio Lower Upper

101 100

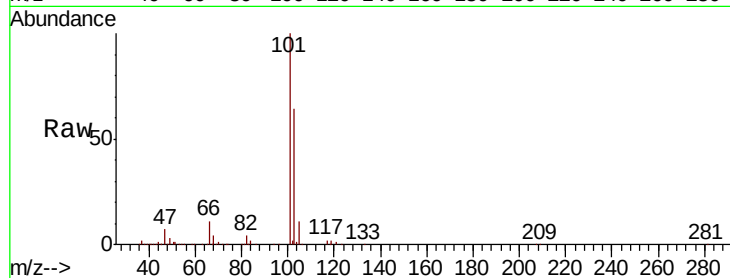
103 63.8 51.9 77.9

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

150000

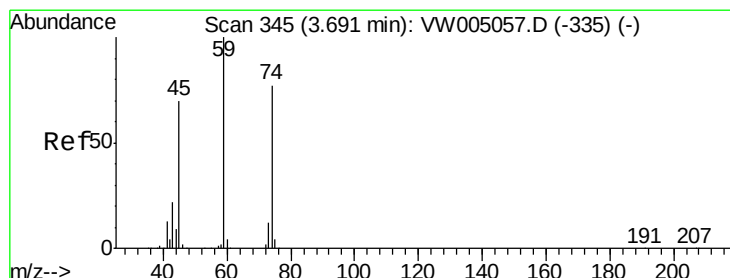
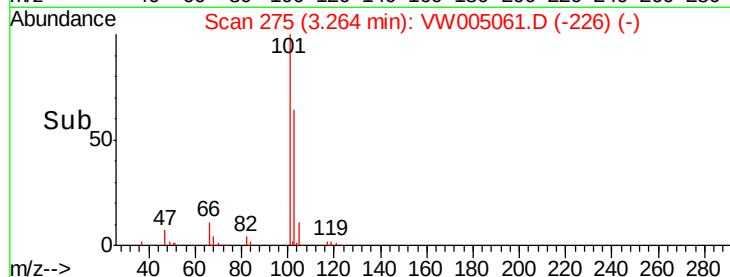
3.26

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 45.54 ug/l

RT: 3.69 min Scan# 345

Delta R.T. 0.00 min

Lab File: VW005061.D

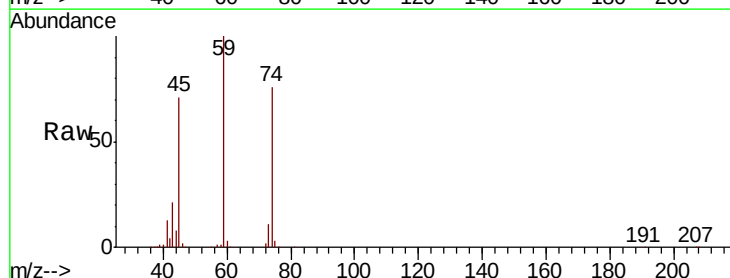
Acq: 01 Sep 2018 03:11

Tgt Ion: 74 Resp: 112773

Ion Ratio Lower Upper

74 100

45 93.4 46.0 137.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

50000

3.69

40000

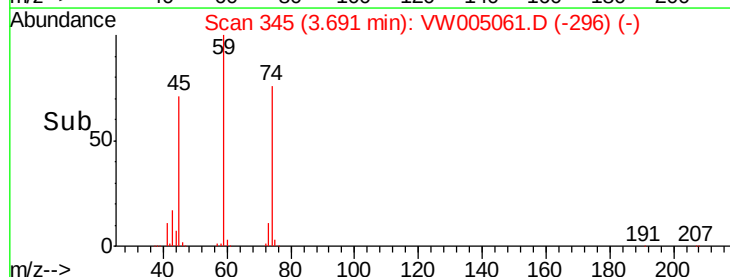
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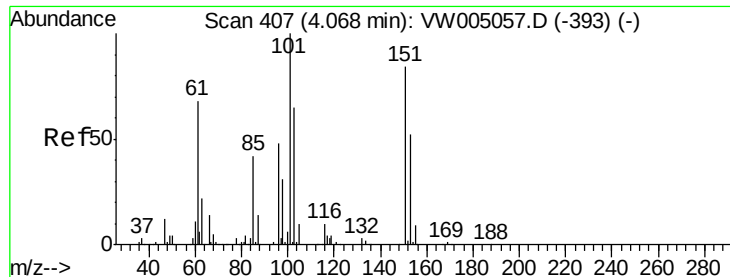
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10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.76 ug/l

RT: 4.07 min Scan# 407

Delta R.T. 0.00 min

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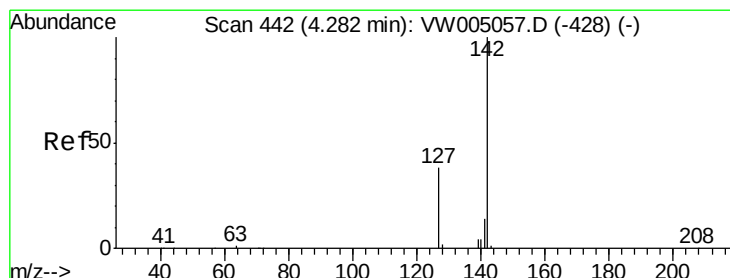
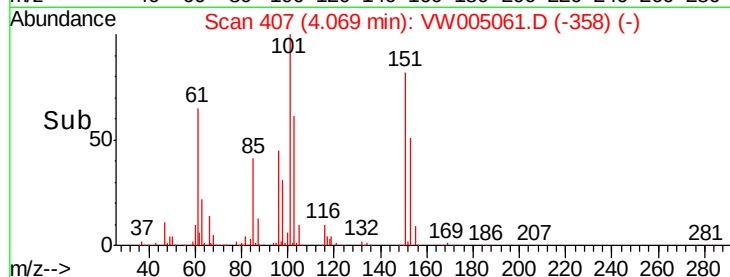
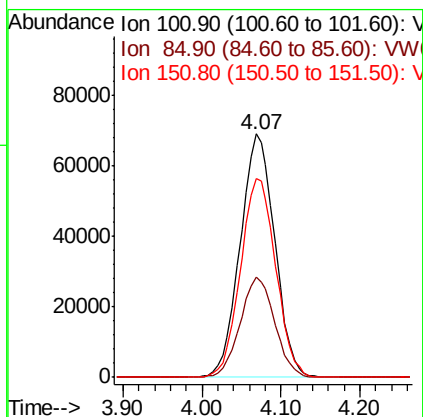
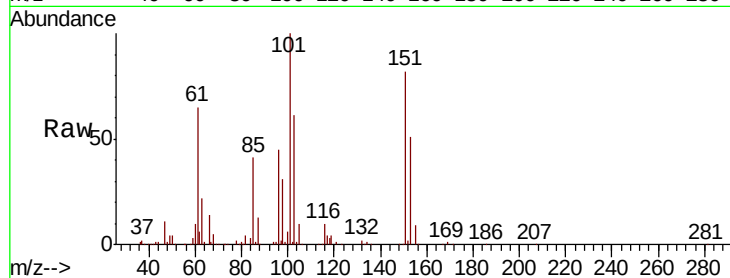
ClientSampleId :

ICVW090118

Tot Ion:	101	Resp:	210435
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.0	49.6
151	83.2	67.0	100.6

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#10

Methyl Iodide

Concen: 46.95 ug/l

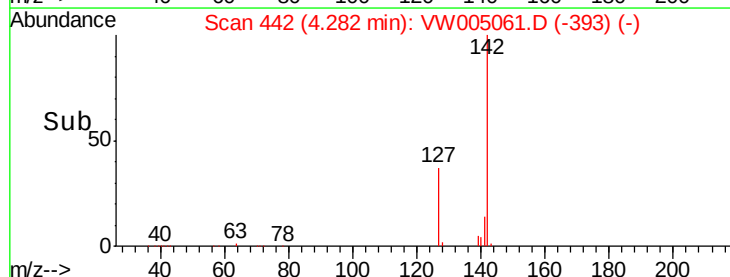
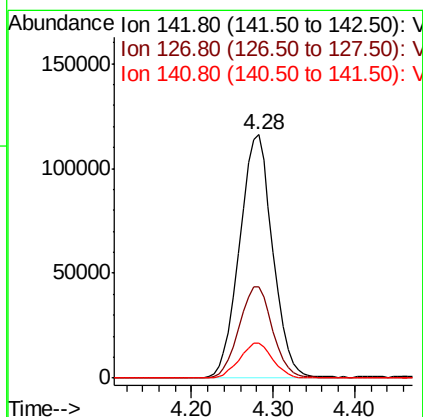
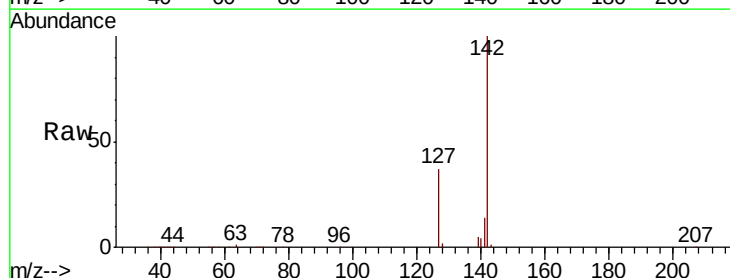
RT: 4.28 min Scan# 442

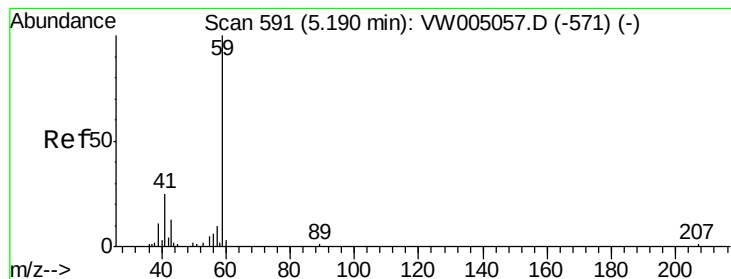
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	142	Resp:	328117
Ion Ratio	Lower	Upper	
142	100		
127	38.1	30.8	46.2
141	14.4	11.6	17.4





#11

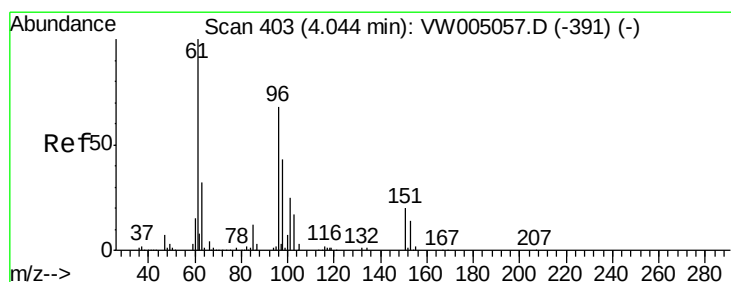
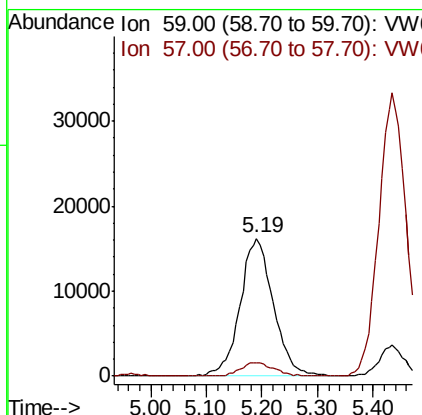
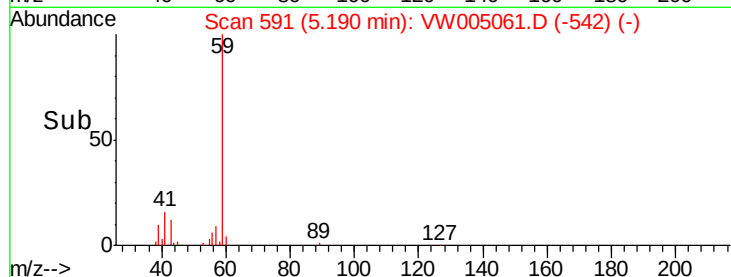
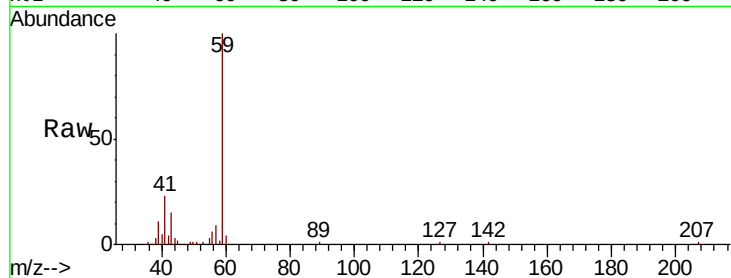
Tert butyl alcohol
 Concen: 276.80 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tot Ion	59	Resp	67470
Ion Ratio	100	Lower	Upper
57	9.6	8.6	12.8

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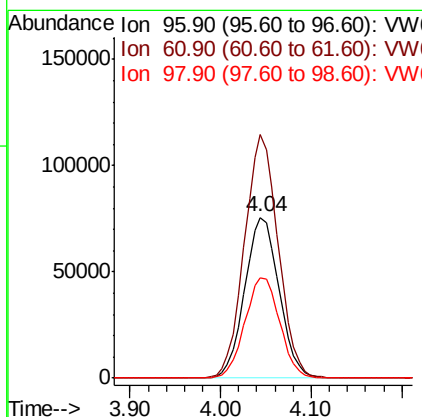
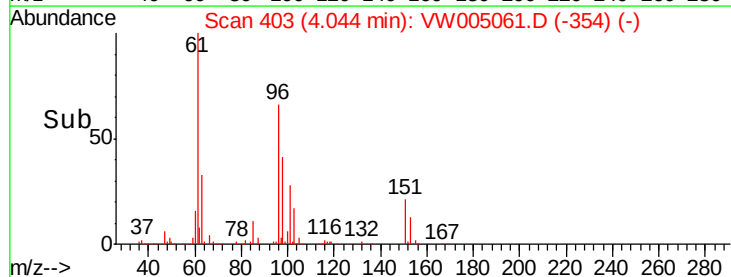
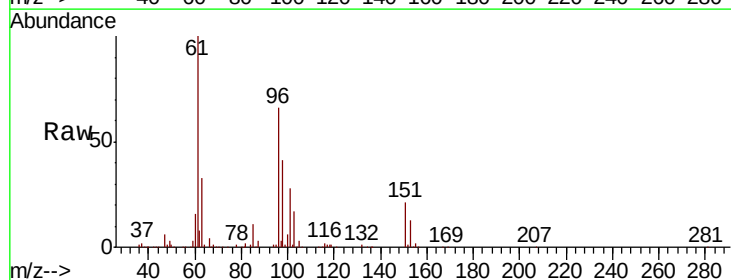
apatel
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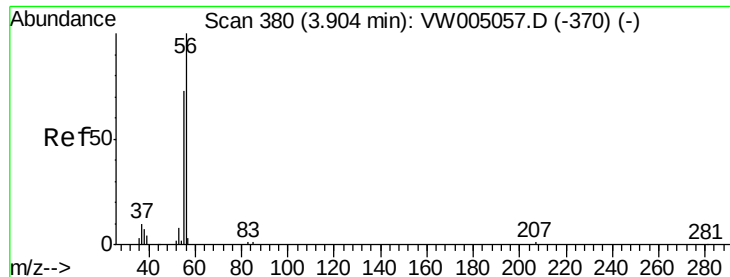


#12

1,1-Dichloroethene
 Concen: 45.83 ug/l
 RT: 4.04 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	96	Resp	198271
Ion Ratio	100	Lower	Upper
61	151.6	117.4	176.0
98	62.6	51.0	76.4





#13

Acrolein

Concen: 225.10 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

ICVW090118

Tot Ion: 56 Resp: 64803

Ion Ratio Lower Upper

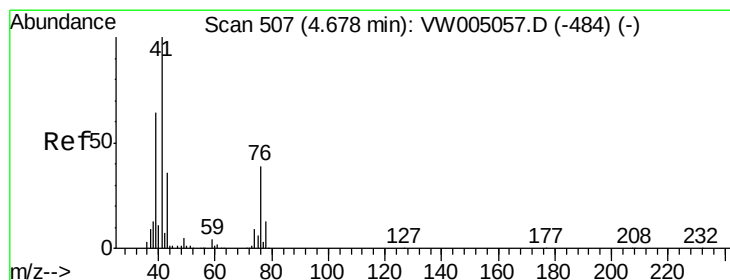
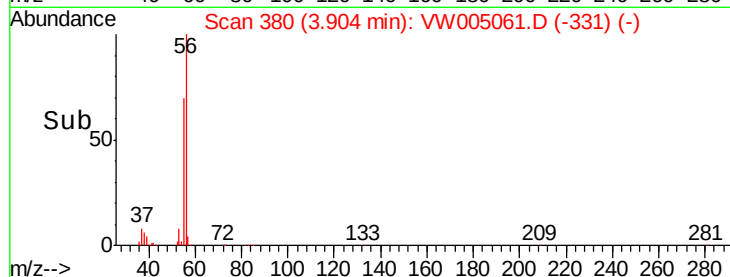
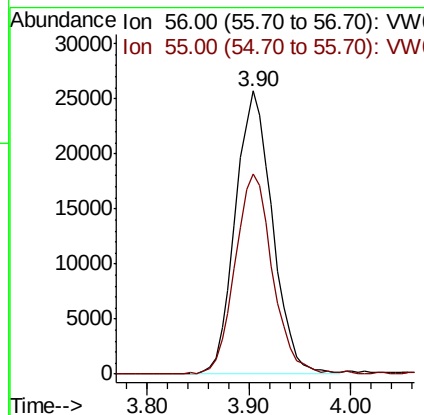
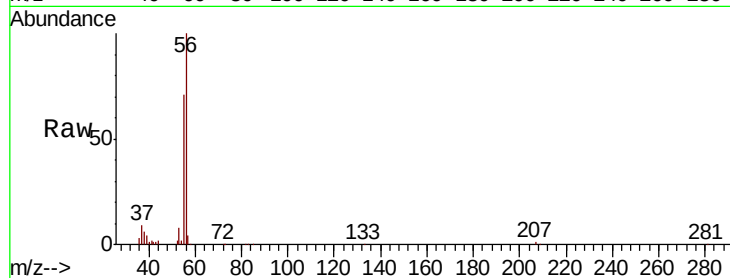
56 100

55 71.9 58.1 87.1

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#14

Allyl chloride

Concen: 47.41 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

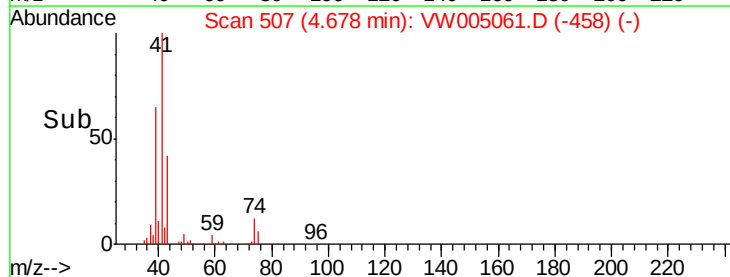
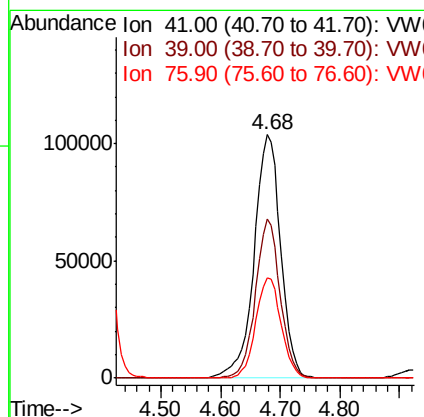
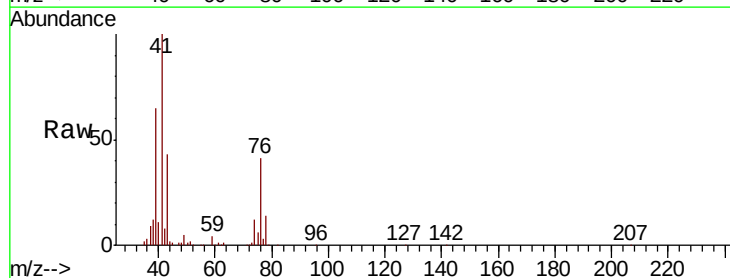
Tgt Ion: 41 Resp: 320673

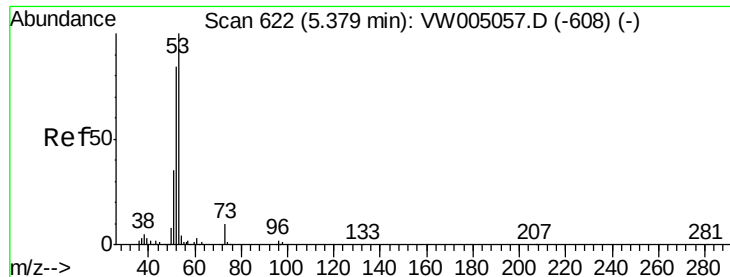
Ion Ratio Lower Upper

41 100

39 61.0 49.4 74.2

76 39.6 31.8 47.6





#15

Acrylonitrile

Concen: 233.53 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

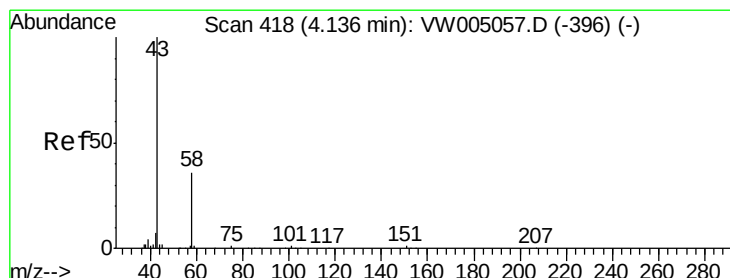
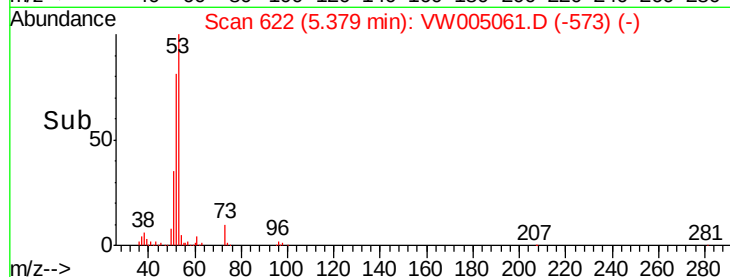
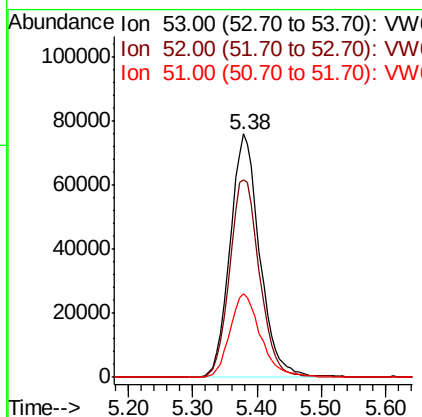
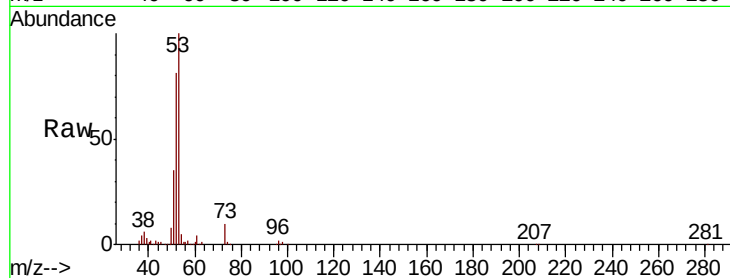
ClientSampleId :

ICVW090118

Tot Ion:	53	Resp:	243932
Ion Ratio		Lower	Upper
53	100		
52	82.2	65.7	98.5
51	35.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 226.70 ug/l

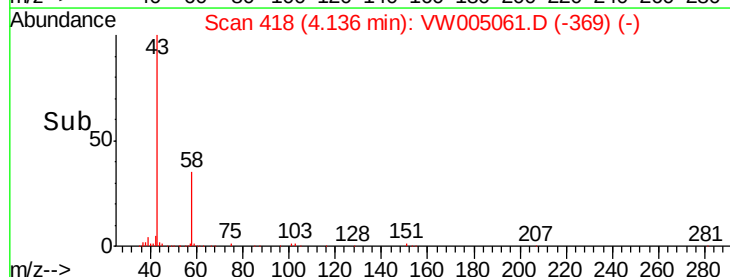
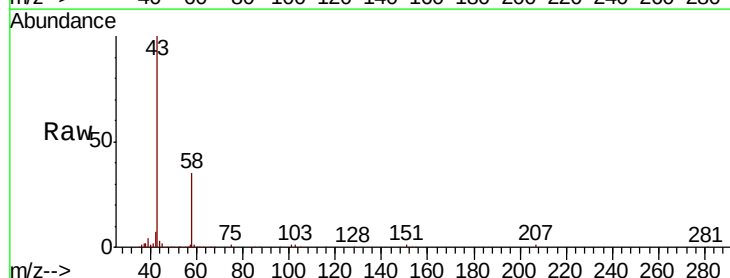
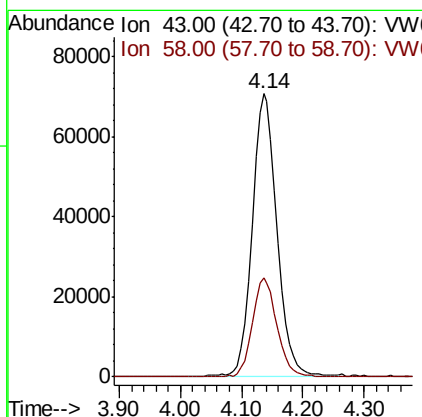
RT: 4.14 min Scan# 418

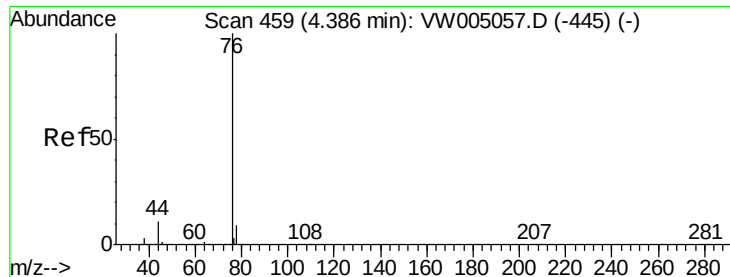
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	43	Resp:	201646
Ion Ratio		Lower	Upper
43	100		
58	34.8	29.0	43.6





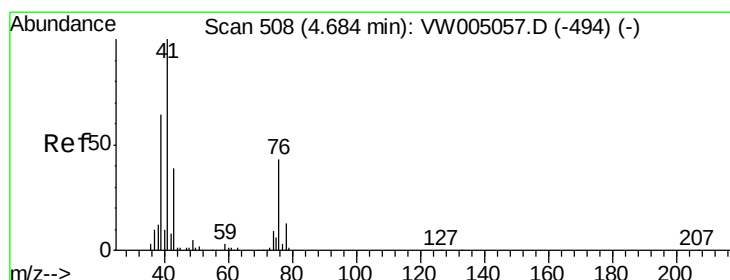
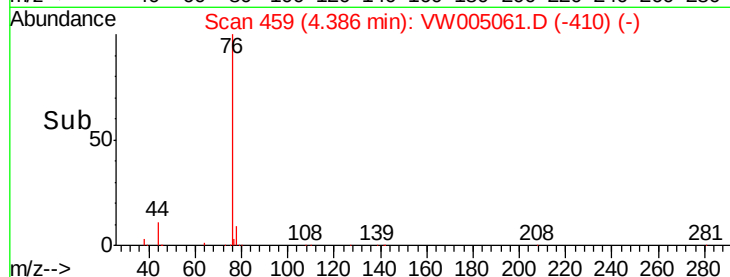
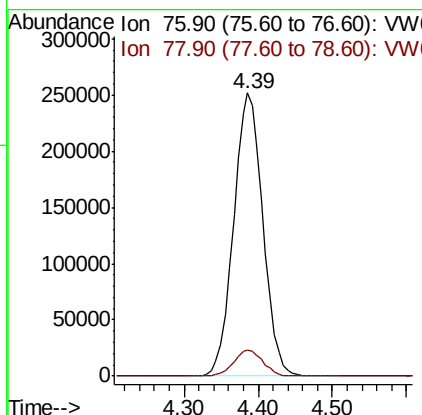
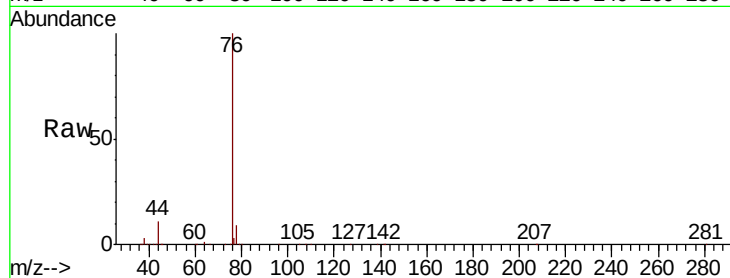
#17
Carbon Disulfide
Concen: 45.79 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

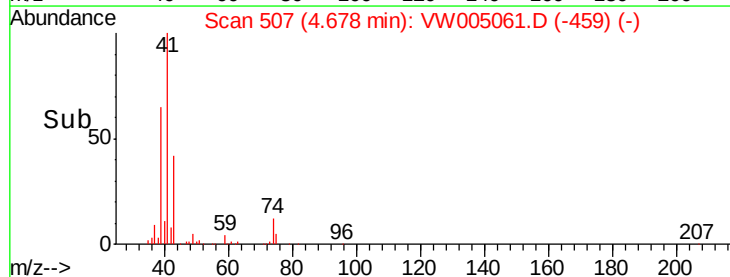
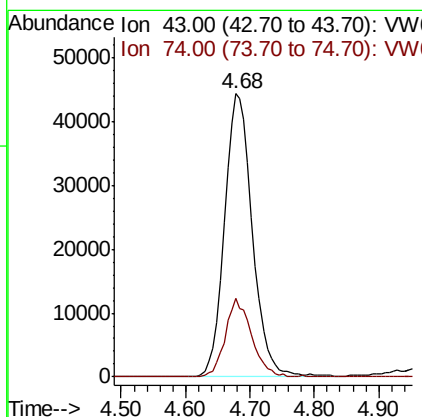
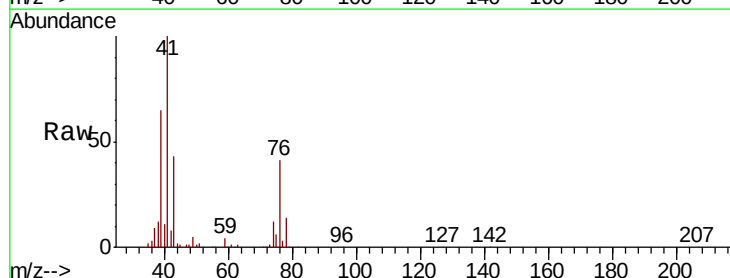
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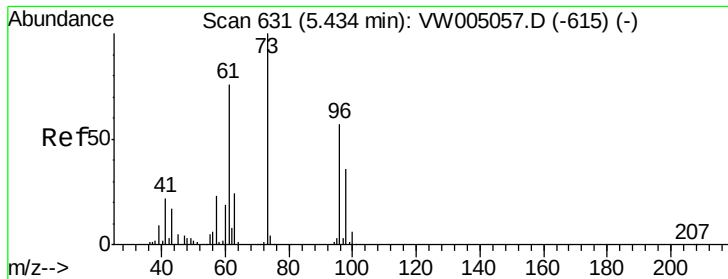
apatel
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#18
Methyl Acetate
Concen: 51.51 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.7	31.1





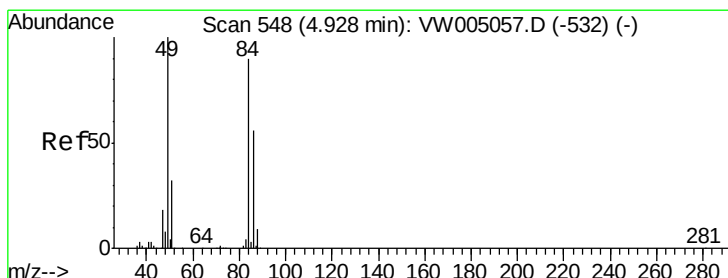
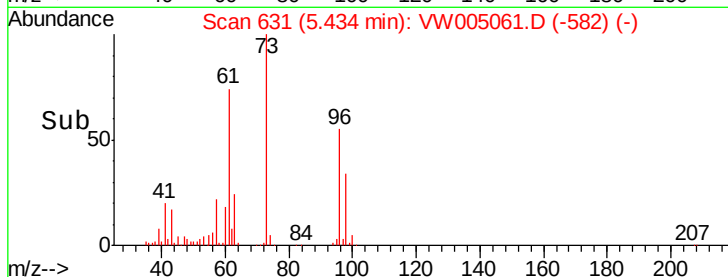
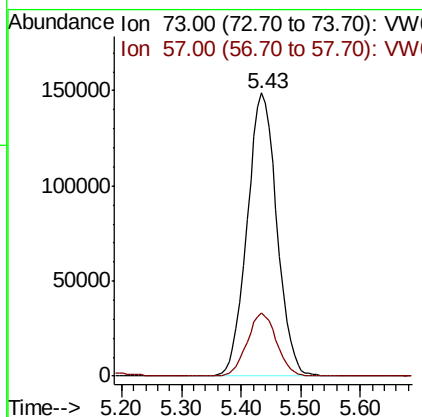
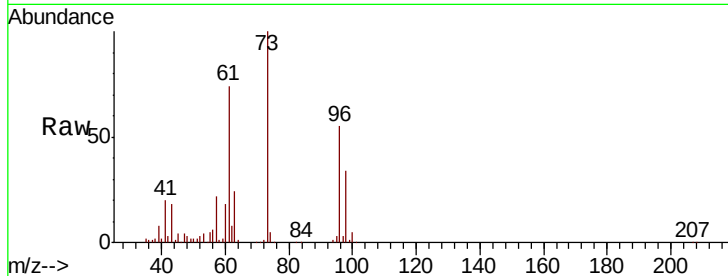
#19
Methyl tert-butyl Ether
Concen: 49.01 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tot Ion: 73 Resp: 514882
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

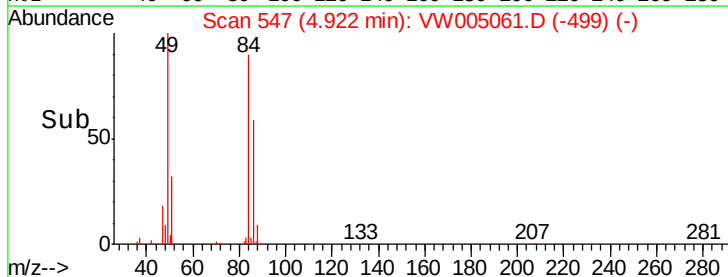
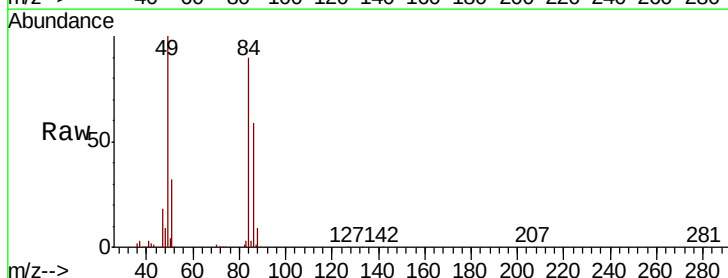
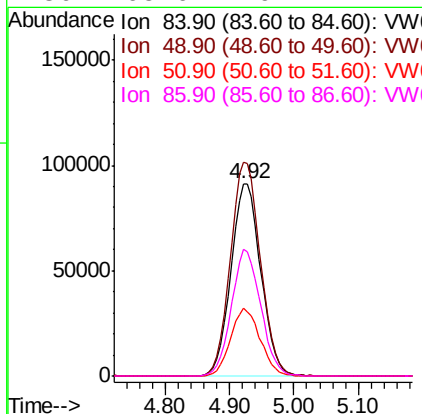
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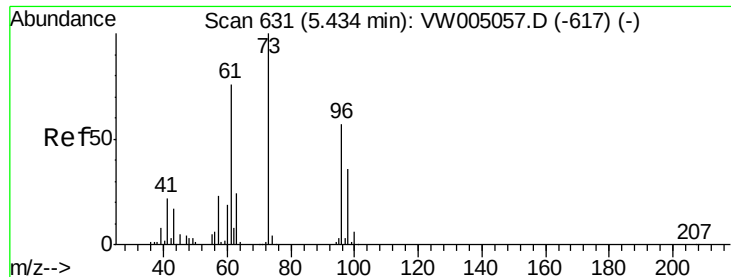
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#20
Methylene Chloride
Concen: 48.94 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 84 Resp: 294590
Ion Ratio Lower Upper
84 100
49 111.0 88.7 133.1
51 35.5 28.6 42.8
86 65.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 45.82 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

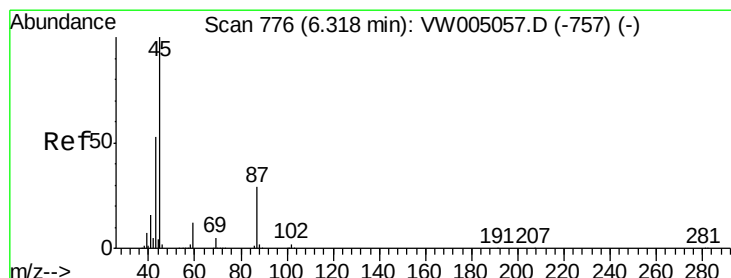
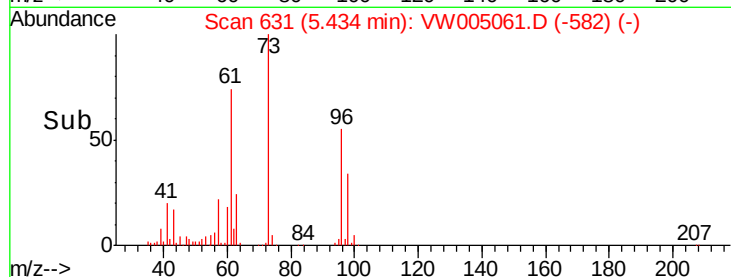
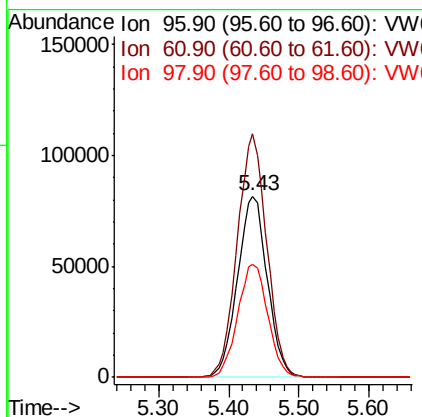
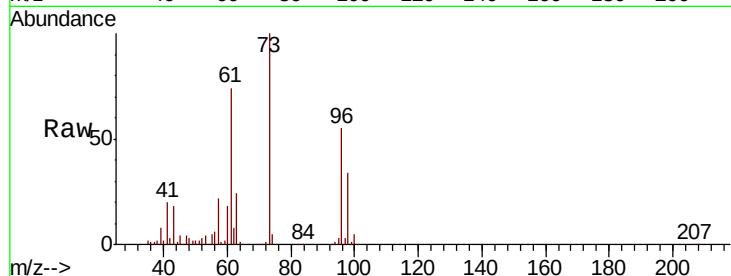
ClientSampleId :

ICVW090118

Tot Ion:	96	Resp:	241547
Ion	Ratio	Lower	Upper
96	100		
61	134.1	106.3	159.5
98	62.5	50.9	76.3

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#22

Diisopropyl ether

Concen: 49.57 ug/l

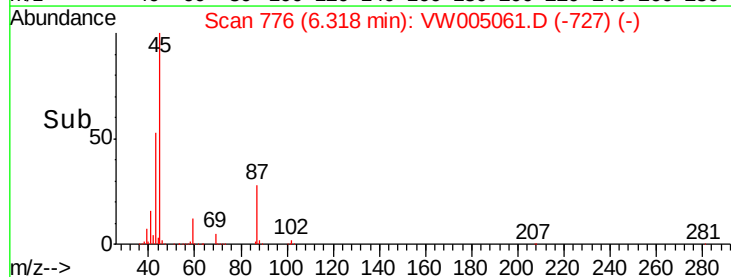
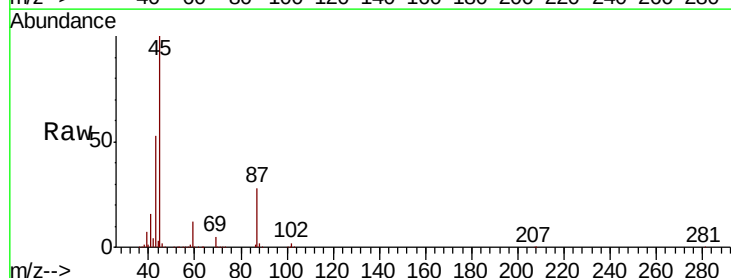
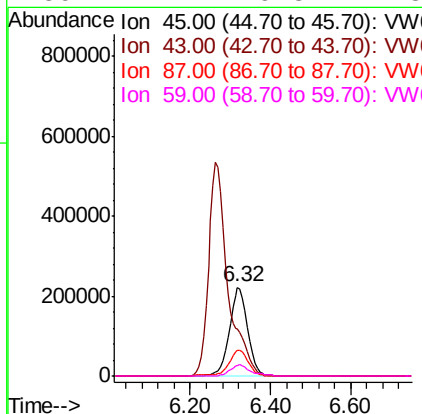
RT: 6.32 min Scan# 776

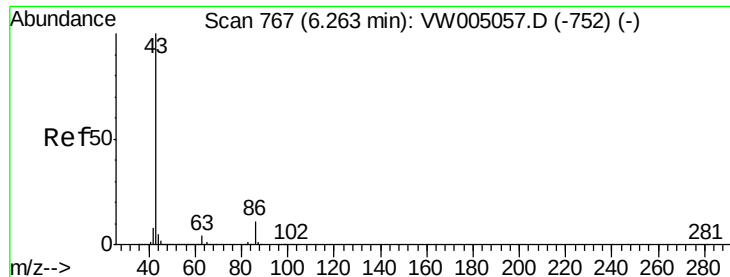
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	45	Resp:	705390
Ion	Ratio	Lower	Upper
45	100		
43	52.8	42.6	63.8
87	28.5	23.6	35.4
59	12.1	9.8	14.8





#23

Vinyl Acetate

Concen: 238.32 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

Tot Ion: 43 Resp: 1781491

Ion Ratio Lower Upper

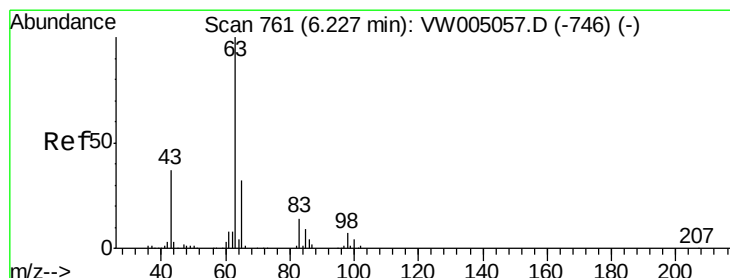
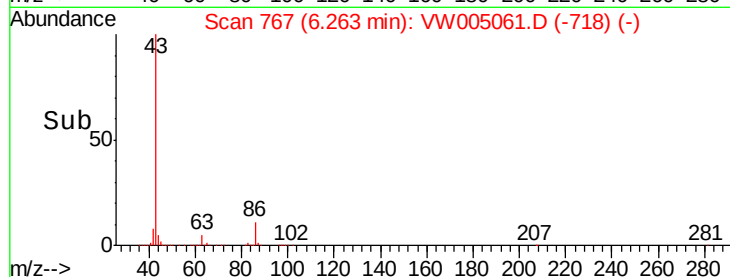
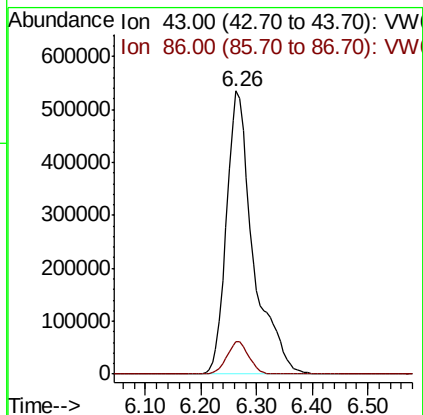
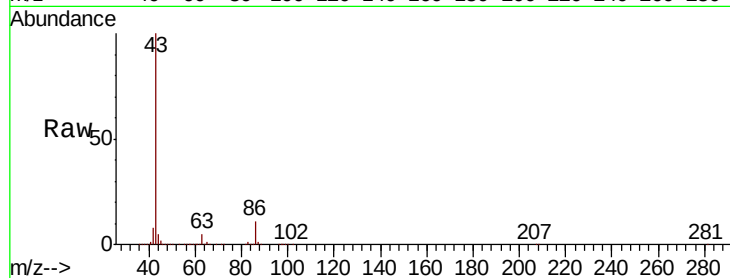
43 100

86 11.4 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 46.02 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

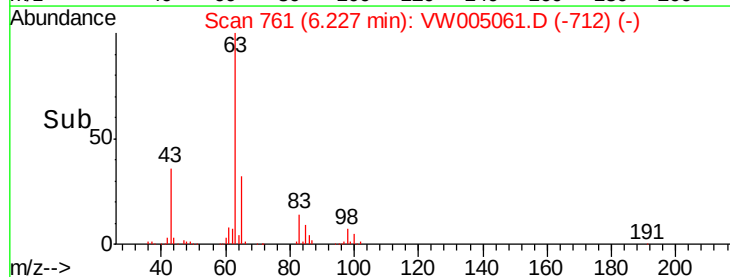
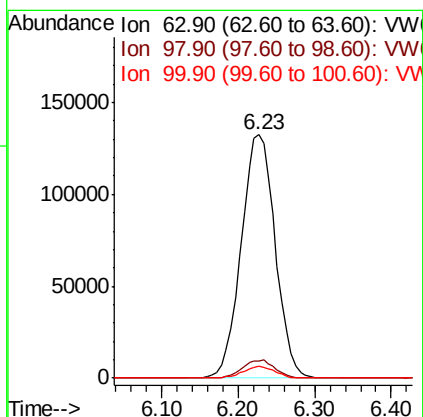
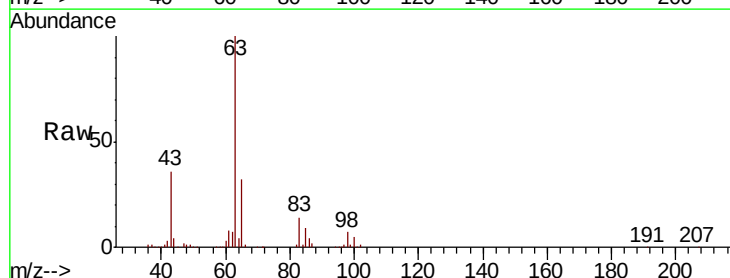
Tgt Ion: 63 Resp: 409346

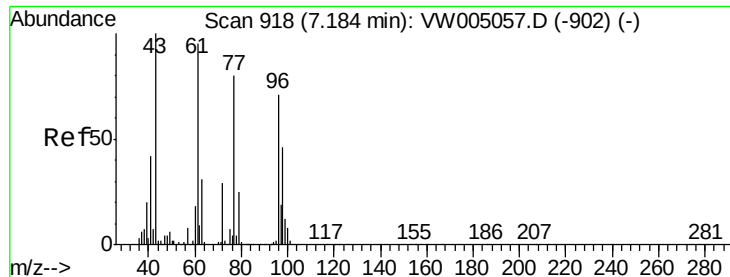
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 224.93 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

ICVW090118

Tot Ion: 43 Resp: 347033

Ion Ratio Lower Upper

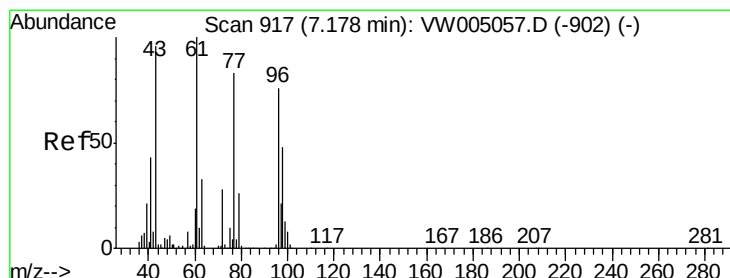
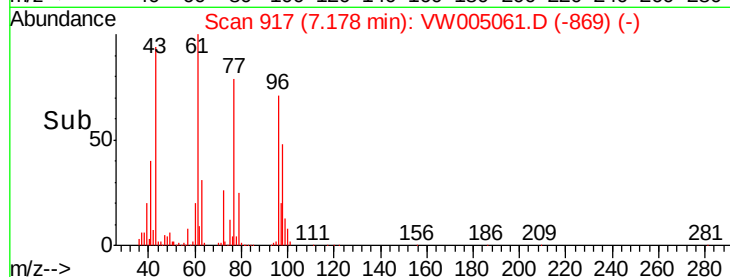
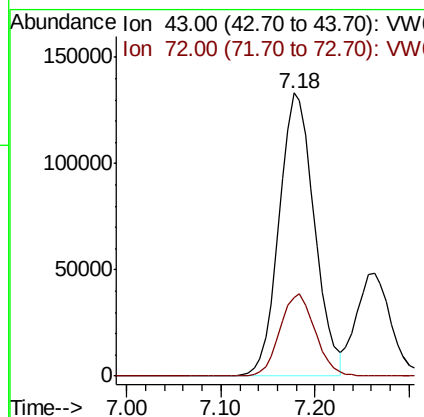
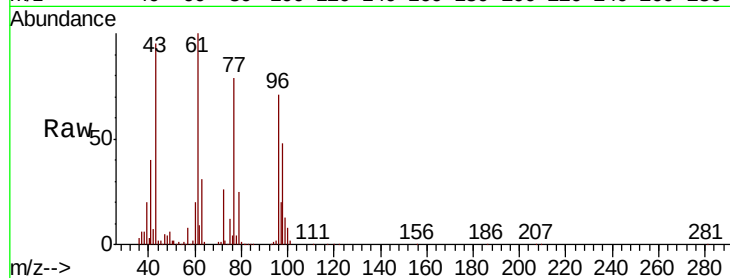
43 100

72 27.9 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 44.62 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005061.D

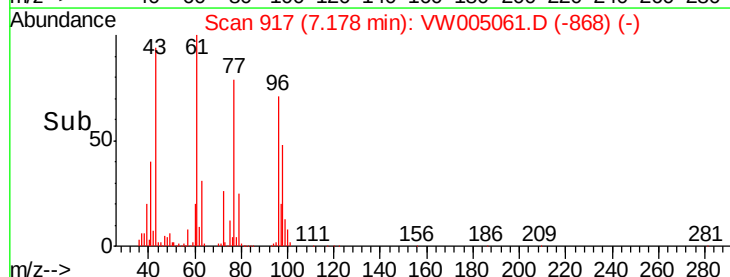
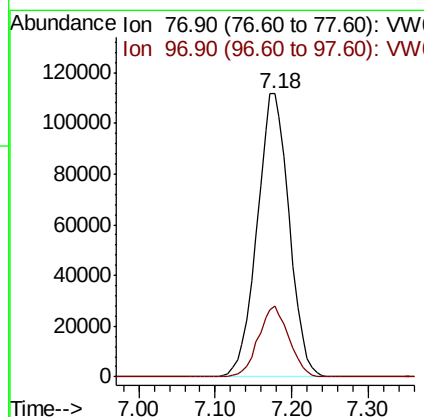
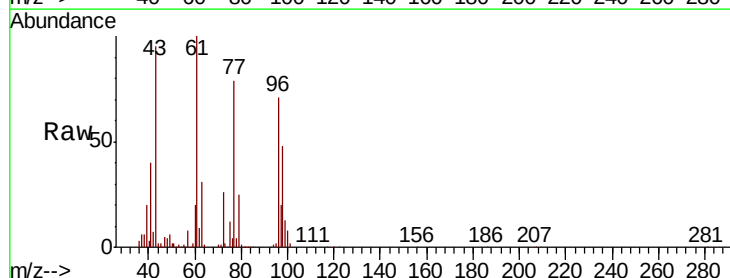
Acq: 01 Sep 2018 03:11

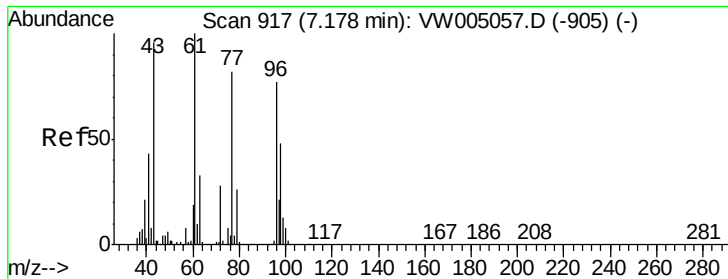
Tgt Ion: 77 Resp: 326184

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

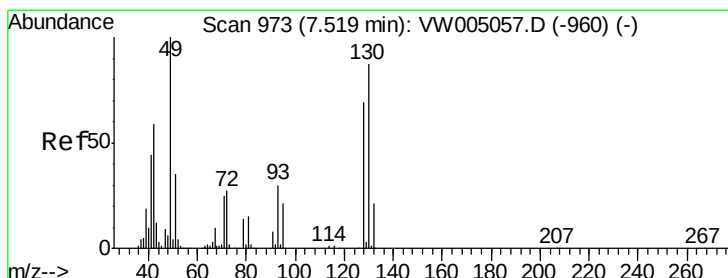
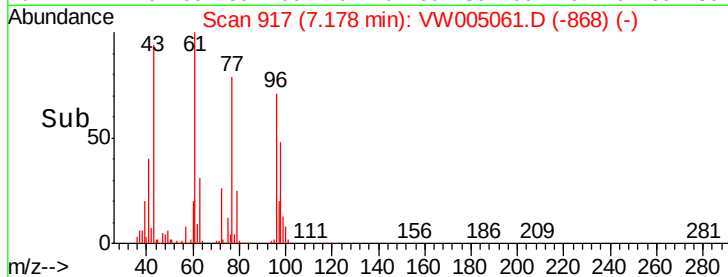
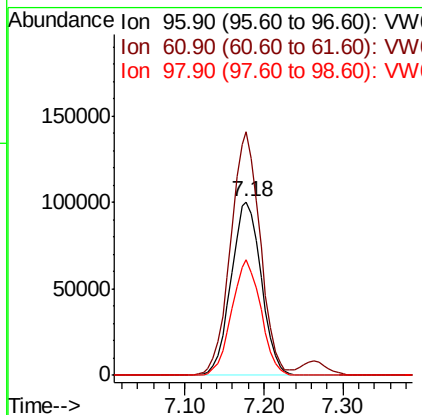
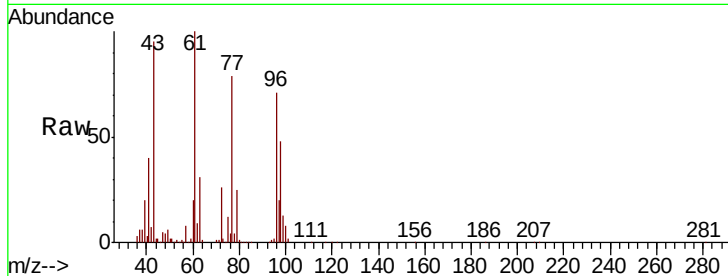
cis-1,2-Dichloroethene
 Concen: 46.23 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tot Ion	Ratio	Resp	Lower	Upper
96	100	266587		
61	137.7	0.0	273.2	
98	64.7	0.0	127.8	

Manual Integrations
 APPROVED

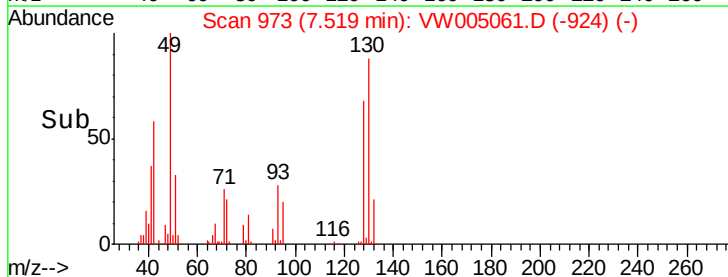
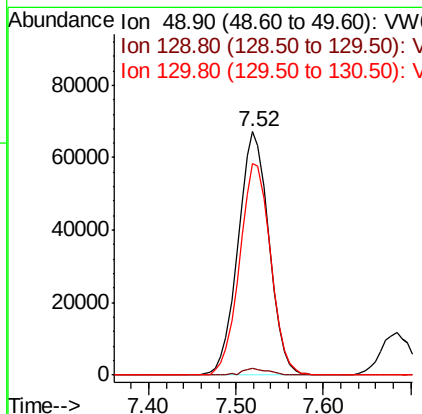
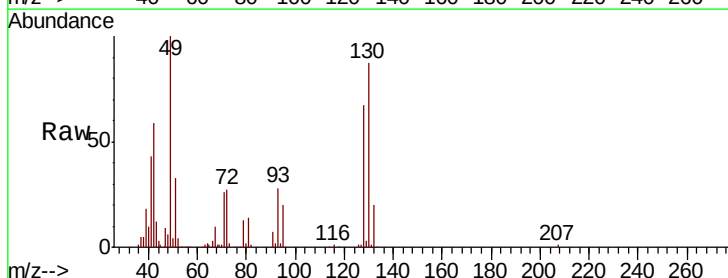
apatel
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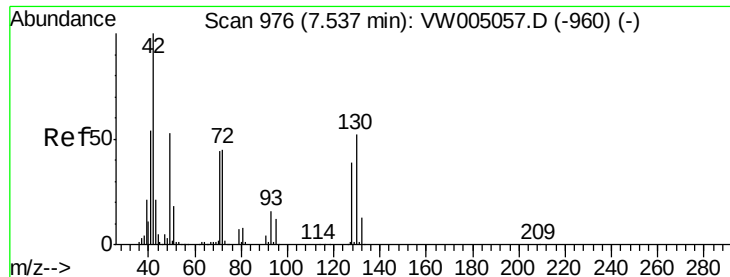


#28

Bromochloromethane
 Concen: 45.86 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164185		
129	2.2	0.0	4.4	
130	87.6	69.6	104.4	





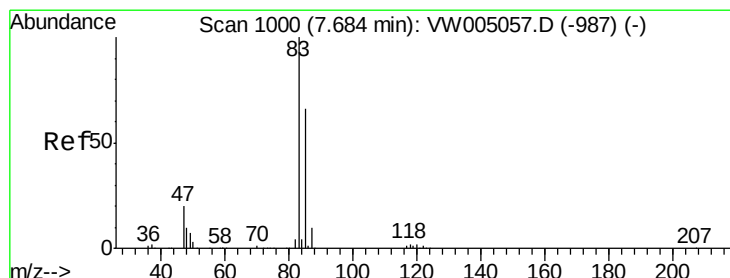
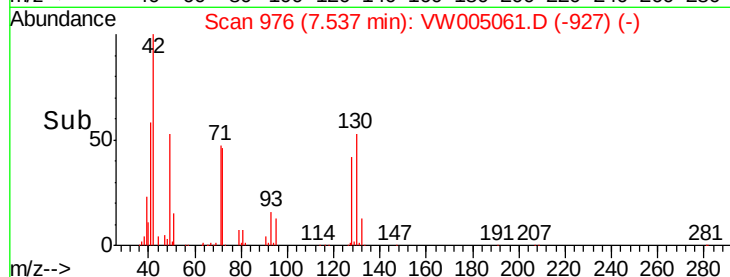
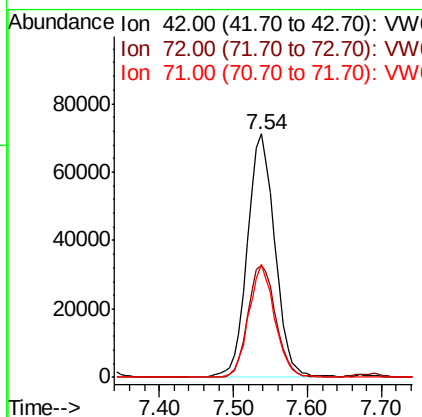
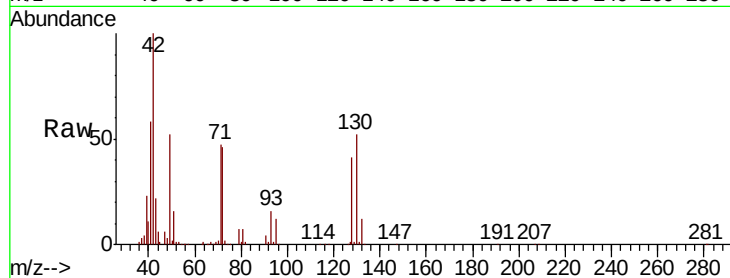
#29
Tetrahydrofuran
Concen: 234.64 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.0	55.4
71	43.8	35.0	52.6

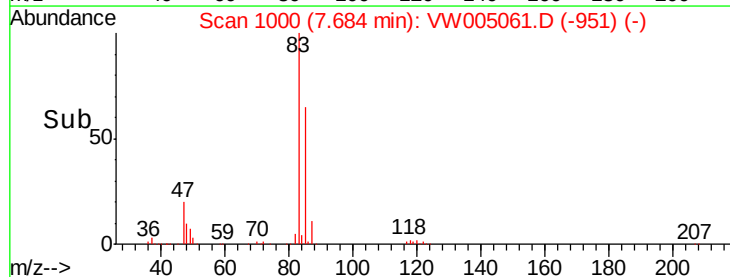
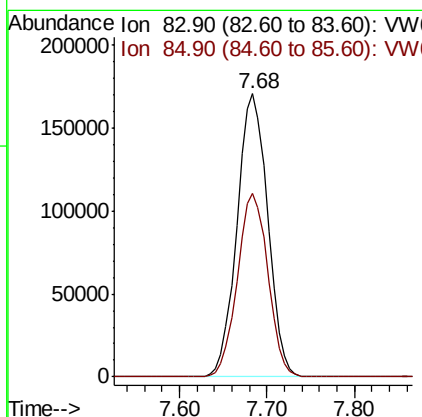
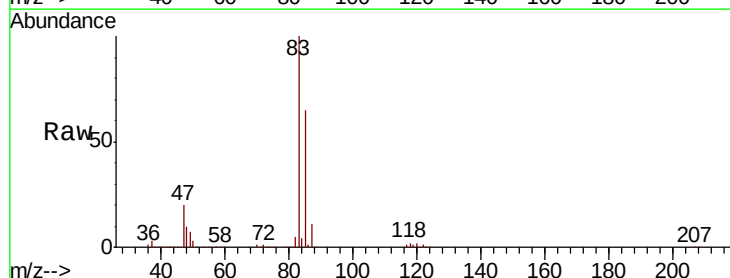
Manual Integrations
APPROVED

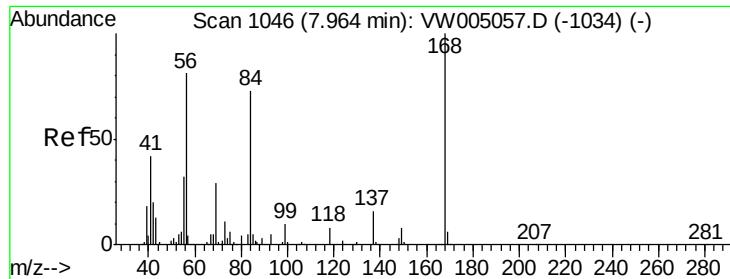
apatel
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#30
Chloroform
Concen: 45.84 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.1	79.7





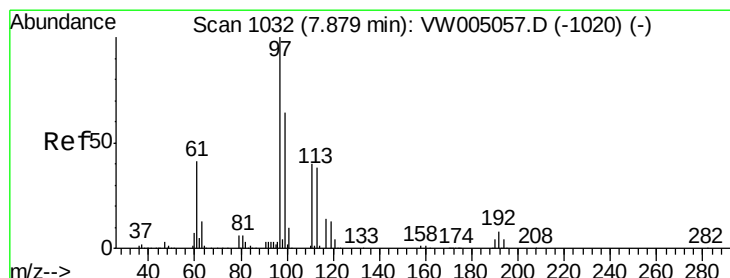
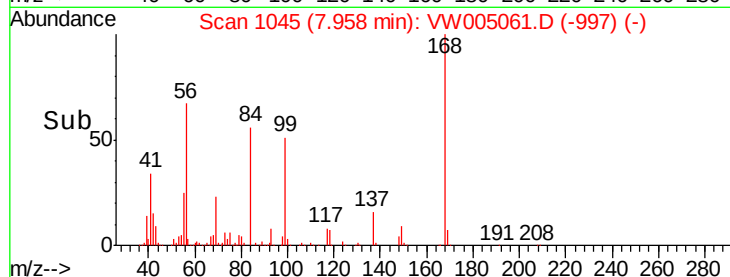
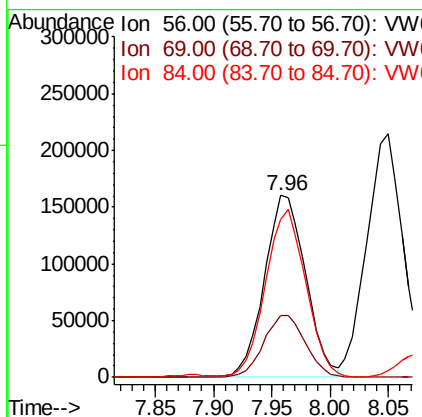
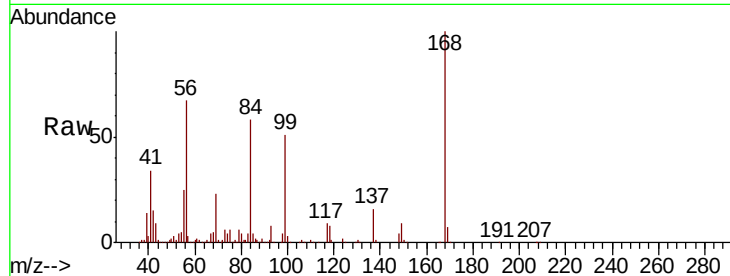
#31
Cyclohexane
Concen: 45.40 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	28.2	42.2
84	85.0	71.8	107.8

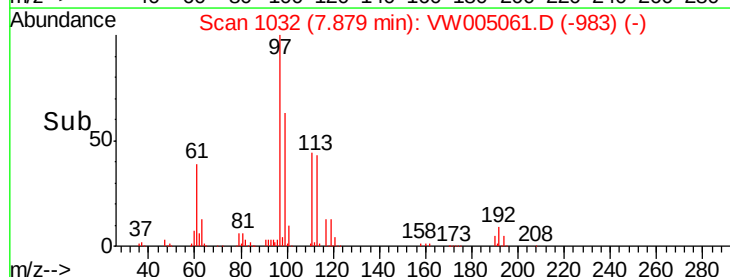
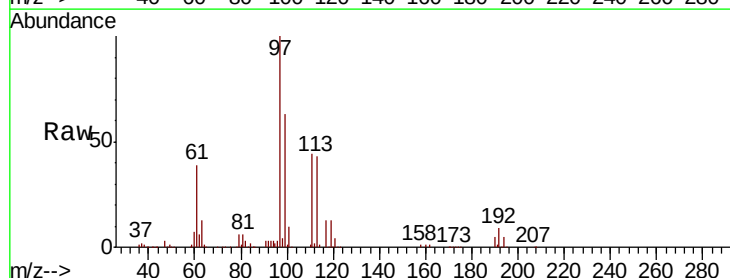
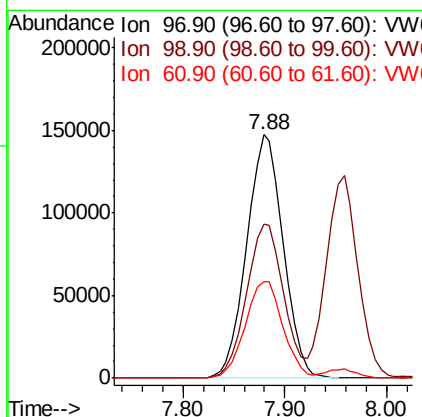
Manual Integrations
APPROVED

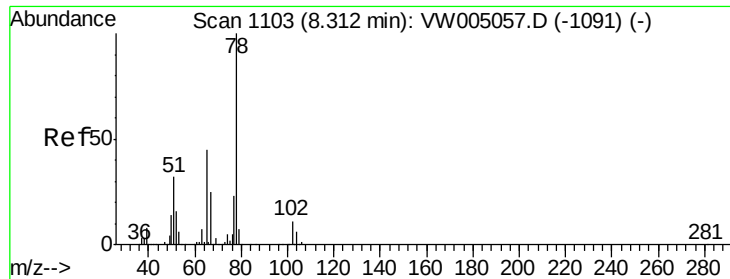
apatel
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#32
1,1,1-Trichloroethane
Concen: 46.43 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	40.9	33.2	49.8





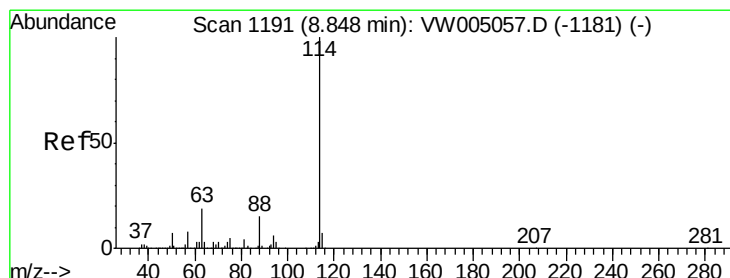
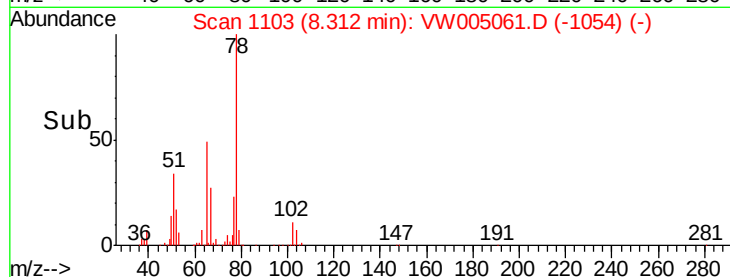
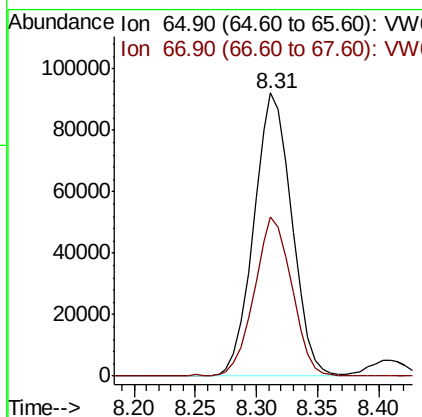
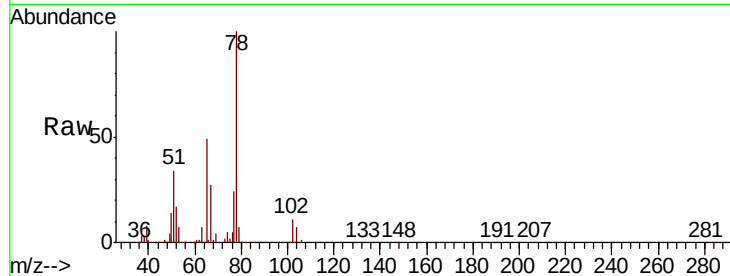
#33
 1,2-Dichloroethane-d4
 Concen: 44.81 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW090118

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198753		
67	55.7	0.0	109.4	

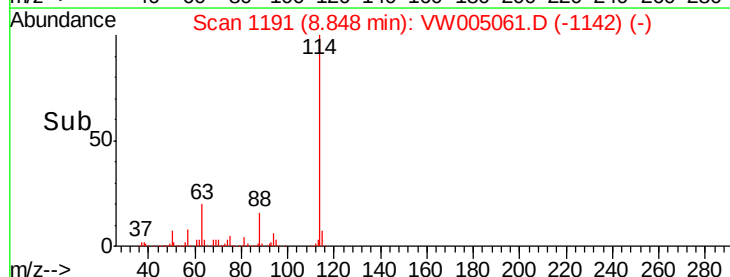
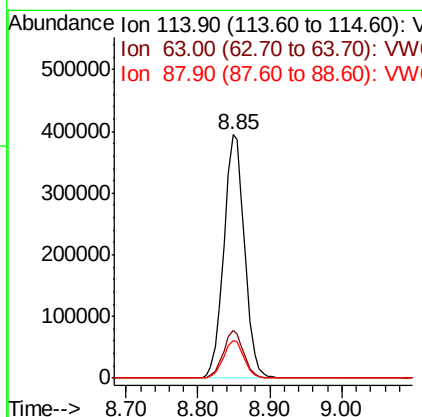
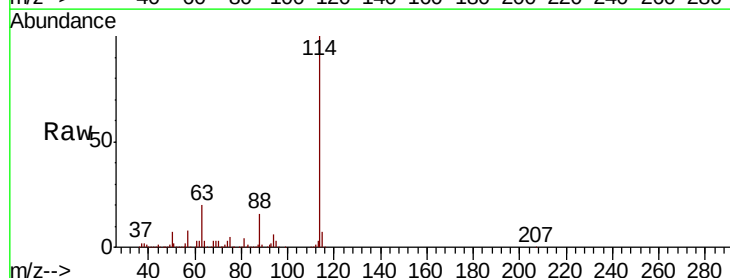
Manual Integrations
 APPROVED

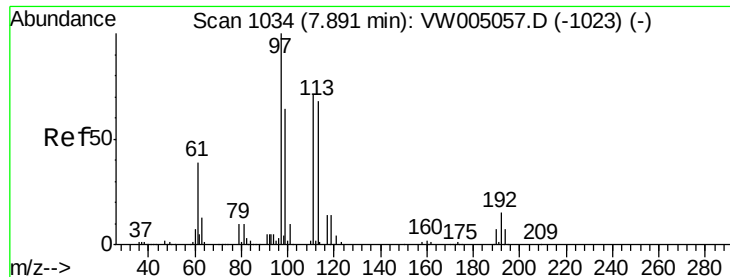
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	789717		
63	19.6	0.0	38.0	
88	15.7	0.0	30.2	





#35

Dibromofluoromethane

Concen: 45.97 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

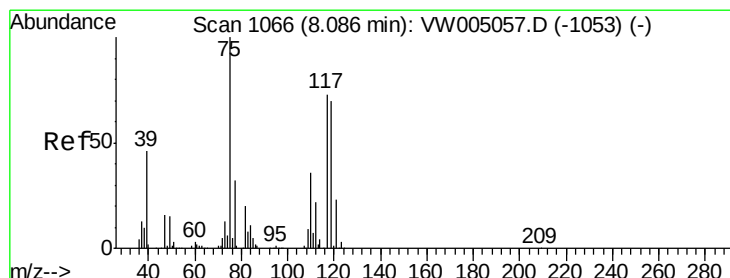
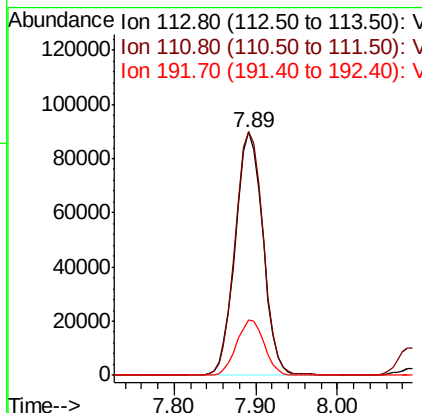
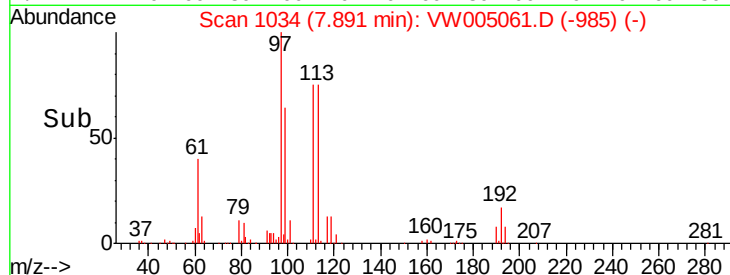
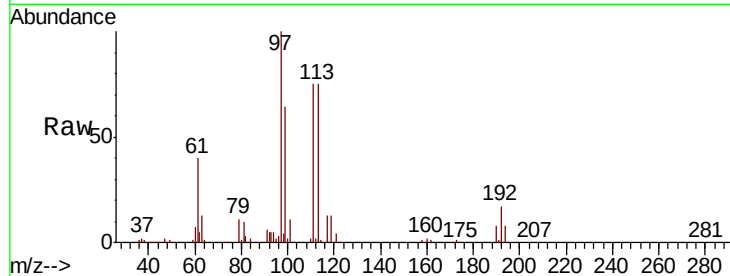
ClientSampled :

ICVW090118

Tot Ion:	113	Resp:	209799
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.2	123.2
192	22.7	18.1	27.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.33 ug/l

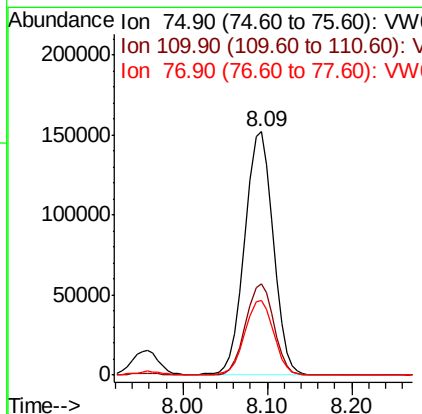
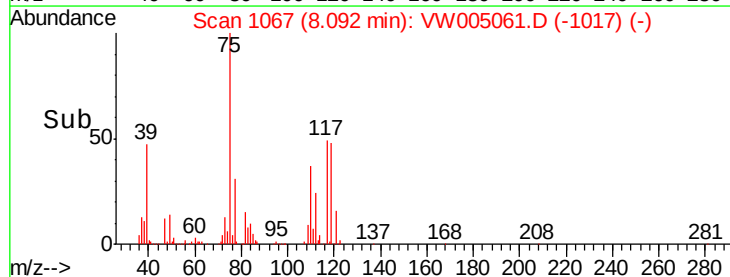
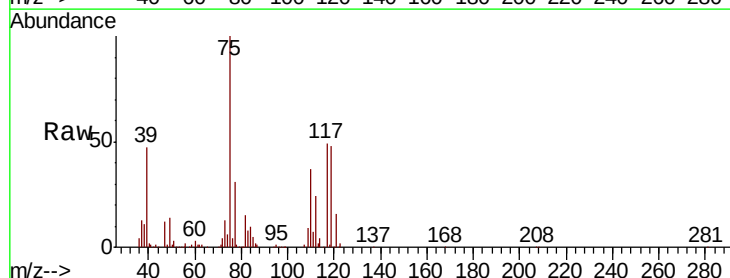
RT: 8.09 min Scan# 1067

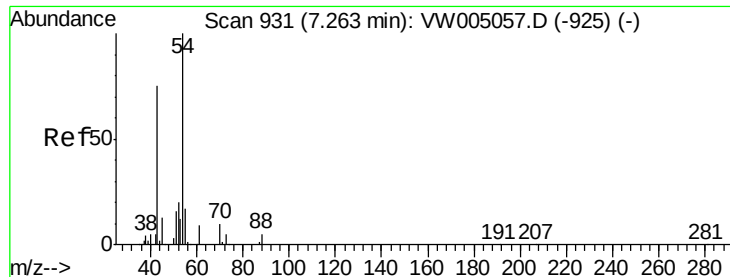
Delta R.T. 0.01 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	75	Resp:	348458
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.9	56.7
77	31.2	25.5	38.3





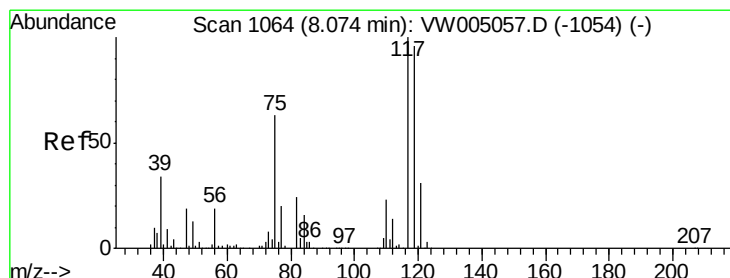
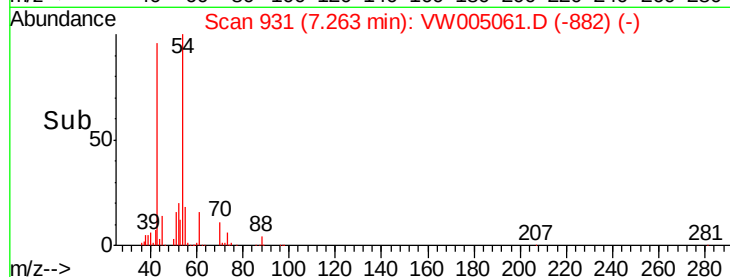
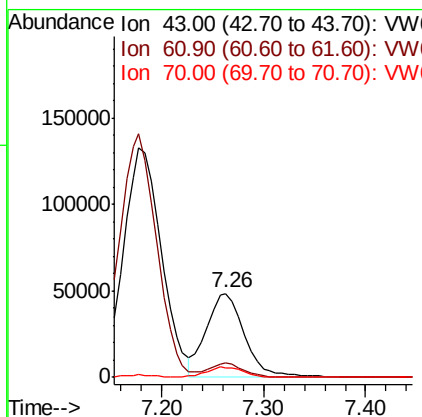
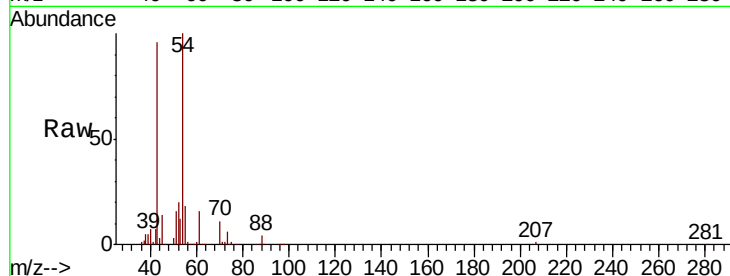
#37
Ethyl Acetate
Concen: 44.81 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tot Ion	43	Resp	126054
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	11.6	9.4	14.2

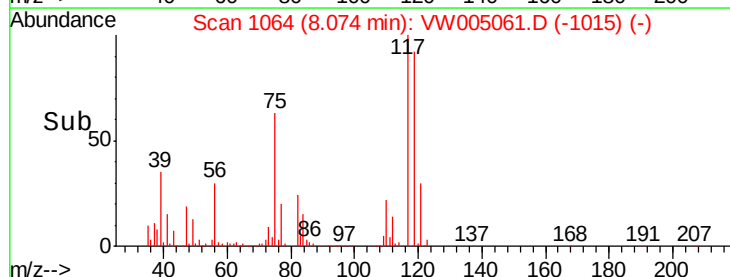
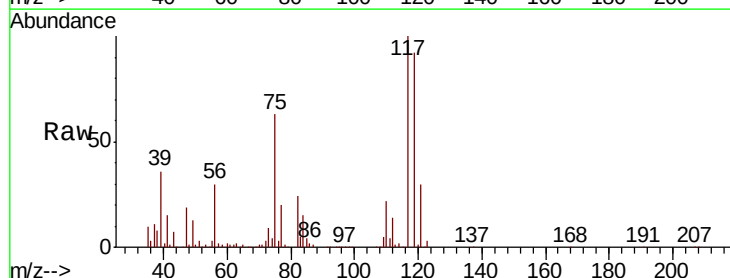
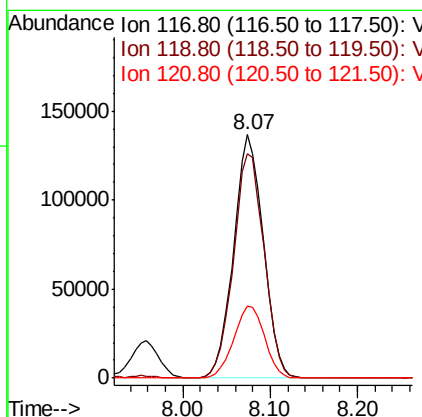
Manual Integrations
APPROVED

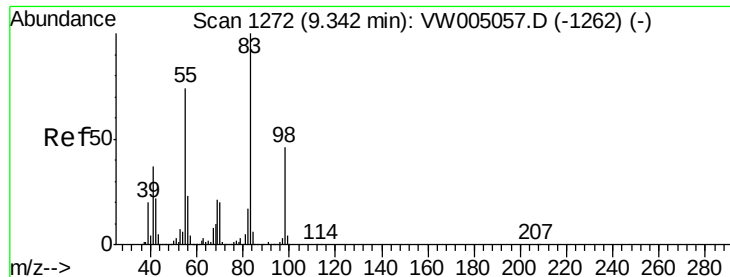
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#38
Carbon Tetrachloride
Concen: 45.03 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	117	Resp	322008
Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.6	115.0
121	29.6	24.8	37.2





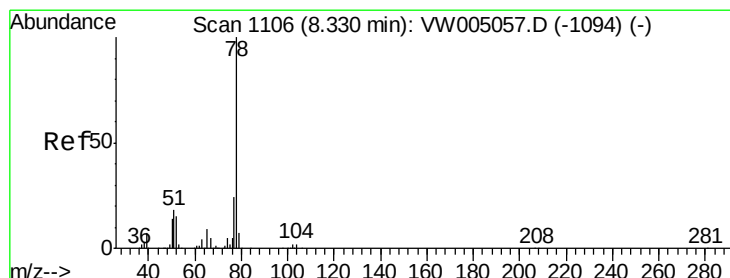
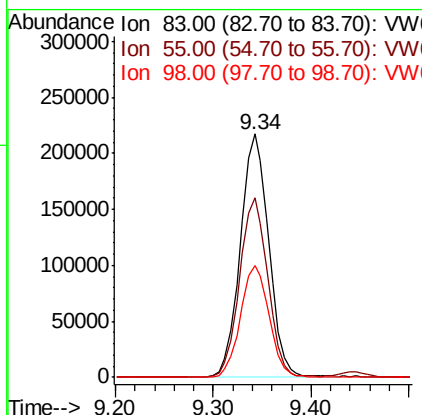
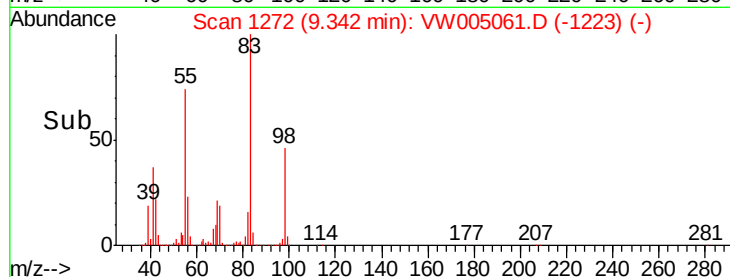
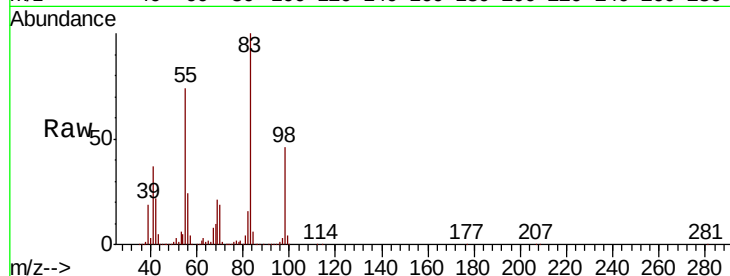
#39
Methylvlcyclohexane
Concen: 48.08 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	58.9	88.3
98	46.1	36.8	55.2

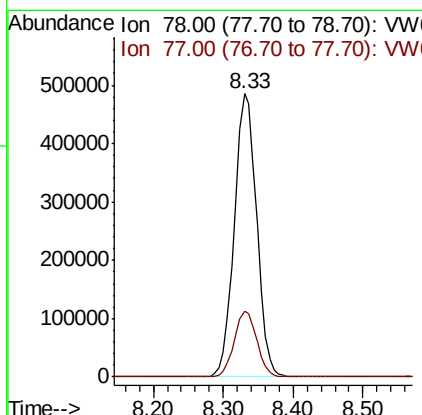
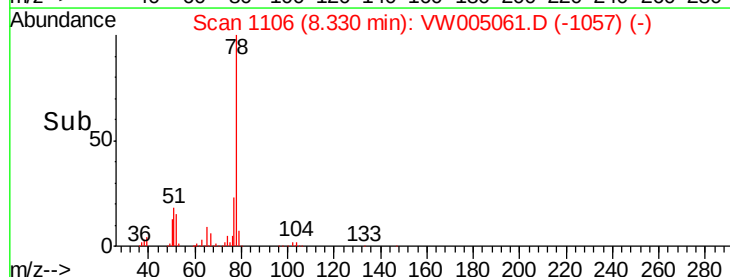
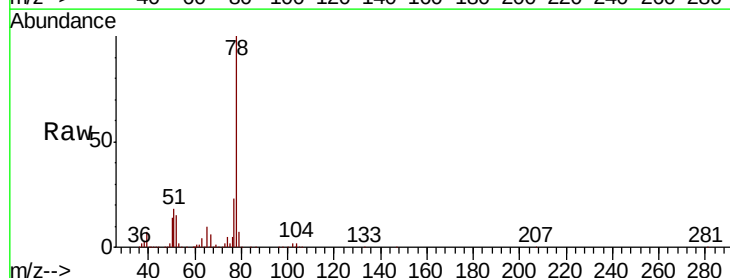
Manual Integrations
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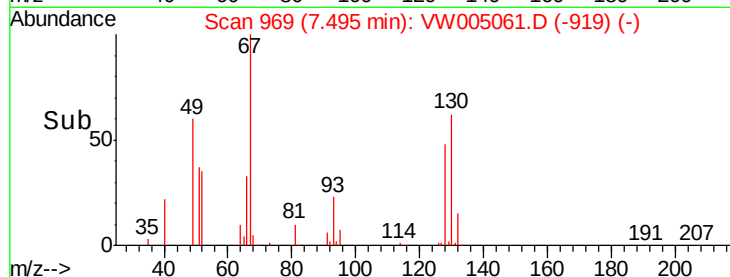
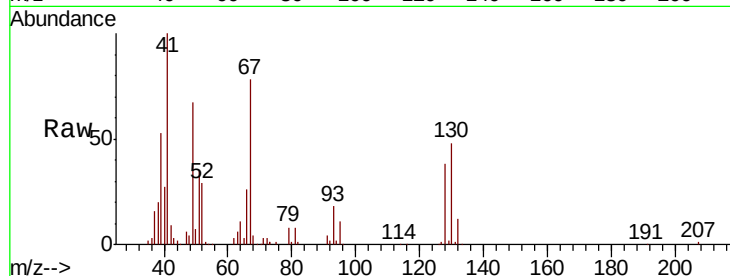
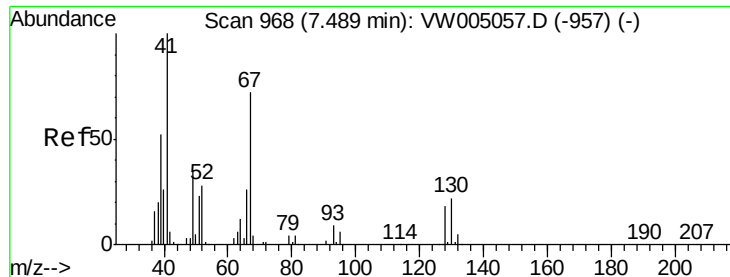
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#40
Benzene
Concen: 46.63 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0





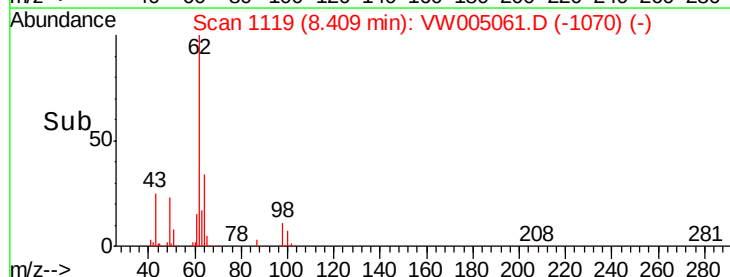
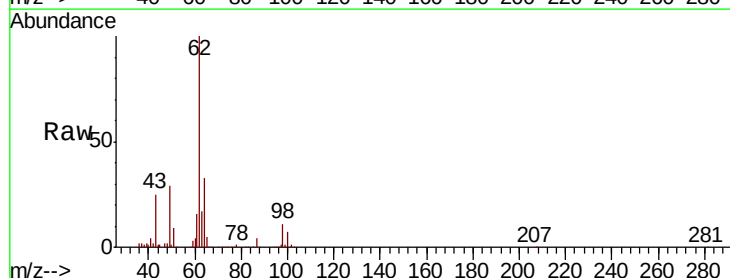
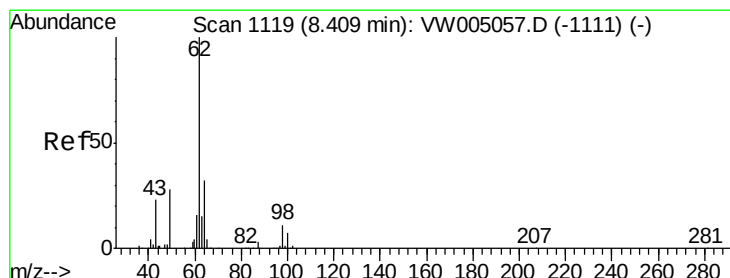
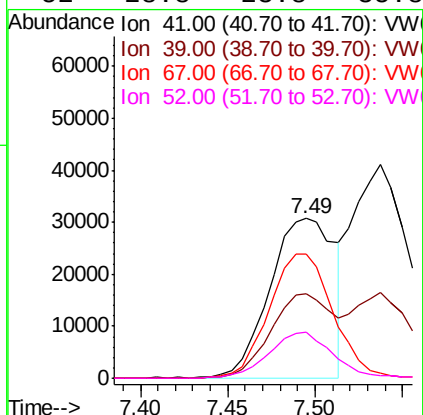
#41
Methacrylonitrile
Concen: 48.75 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tot Ion	41	Resp	79451
Ion Ratio	Lower	Upper	
41	100		
39	50.6	41.8	62.8
67	77.1	60.4	90.6
52	28.8	23.8	35.8

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

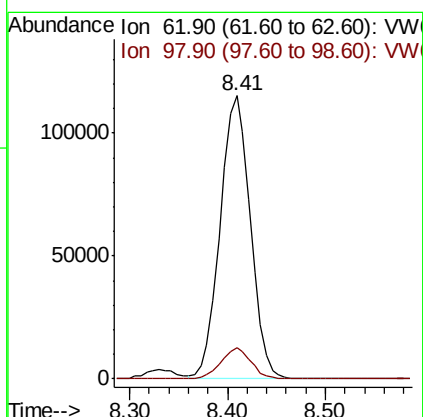
Manual Integrations
APPROVED

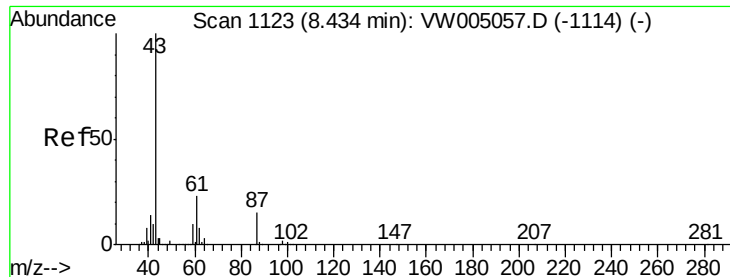
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9/4/2018 9:37:19 AM



#42
1,2-Dichloroethane
Concen: 43.89 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	62	Resp	247325
Ion Ratio	Lower	Upper	
62	100		
98	10.8	0.0	21.8





#43

Isopropyl Acetate

Concen: 46.37 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

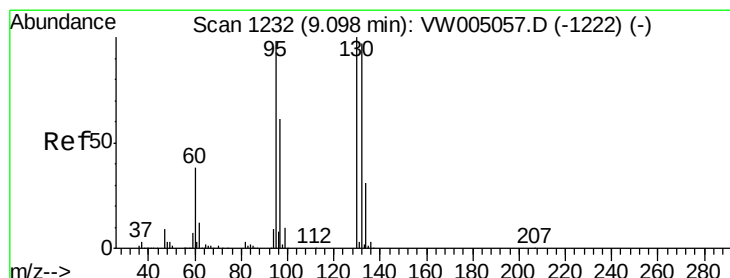
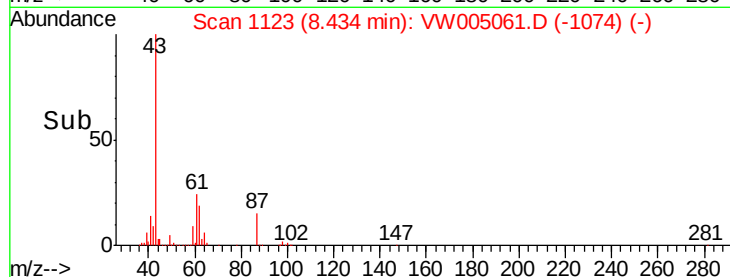
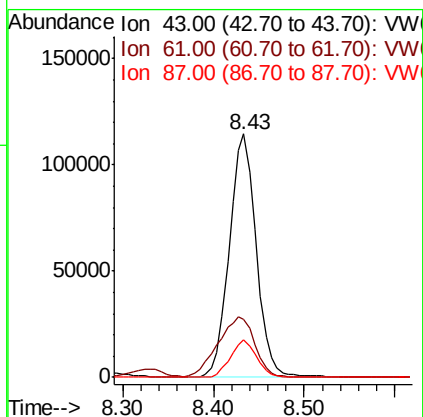
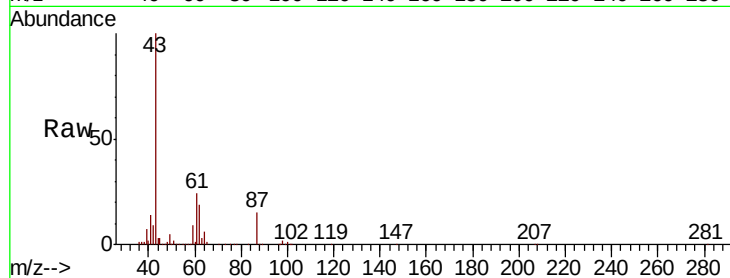
ClientSampled :

ICVW090118

Tot Ion:	43	Resp:	237360
Ion	Ratio	Lower	Upper
43	100		
61	33.9	26.8	40.2
87	14.9	11.6	17.4

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#44

Trichloroethene

Concen: 46.21 ug/l

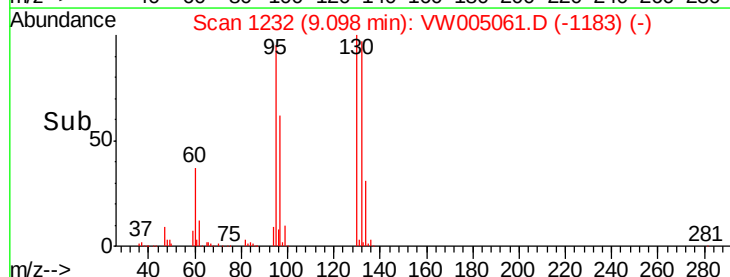
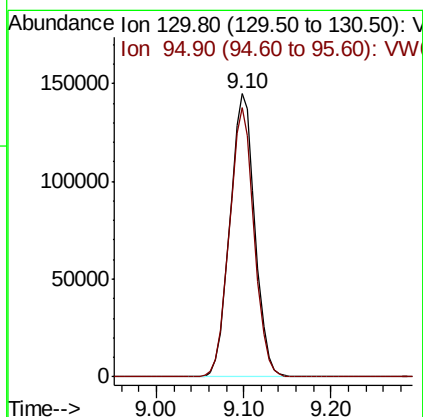
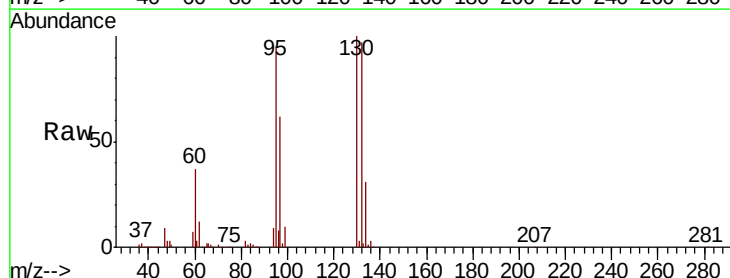
RT: 9.10 min Scan# 1232

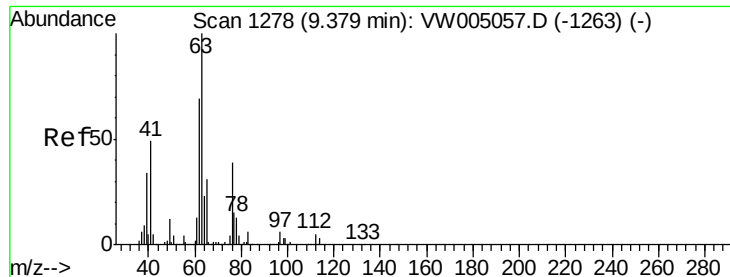
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	130	Resp:	287062
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	195.2





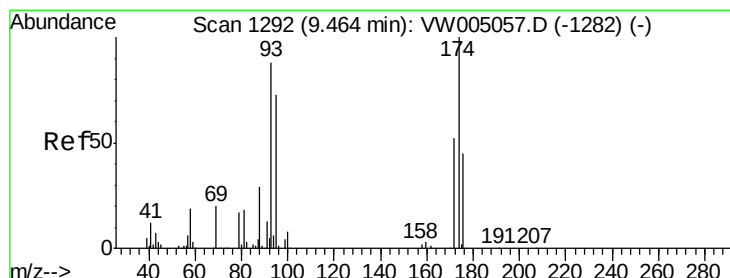
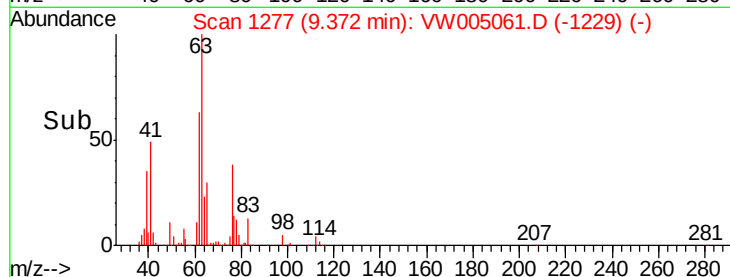
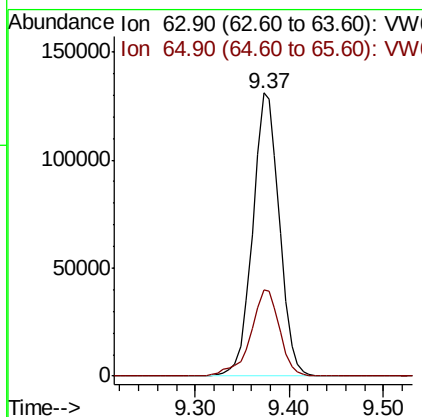
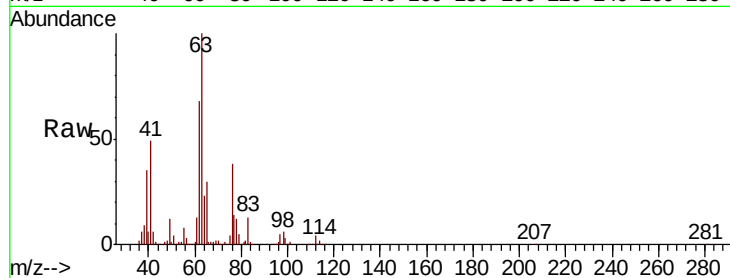
#45
 1,2-Dichloropropane
 Concen: 46.40 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.6	37.0

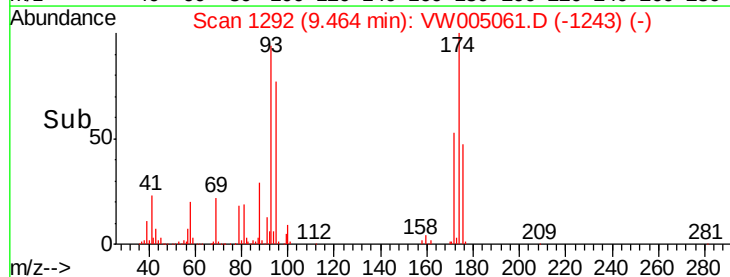
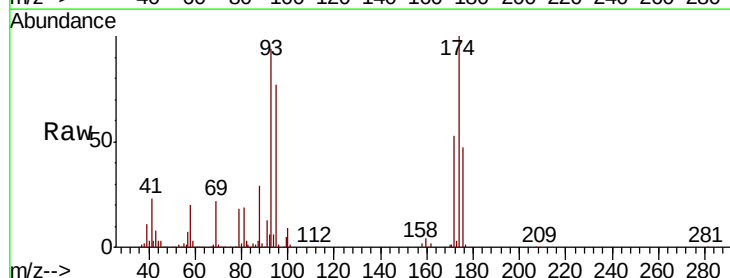
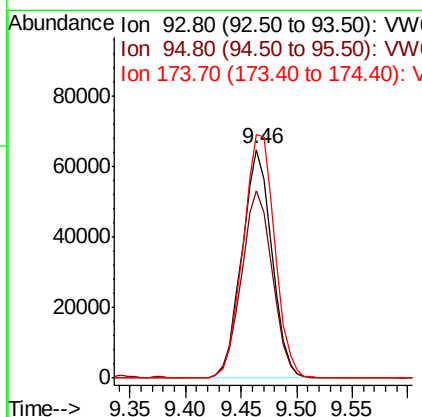
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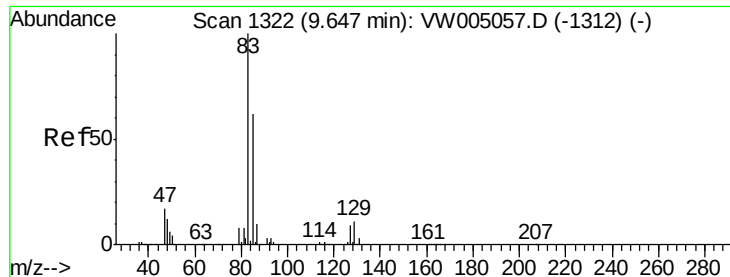
apatel
 9/4/2018 9:37:19 AM



#46
 Dibromomethane
 Concen: 45.01 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	66.2	99.4
174	113.2	92.0	138.0





#47

Bromodichloromethane

Concen: 46.04 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

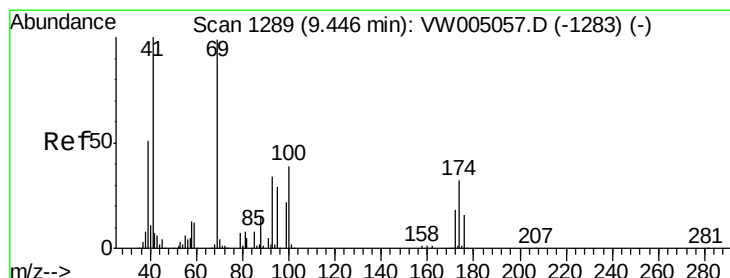
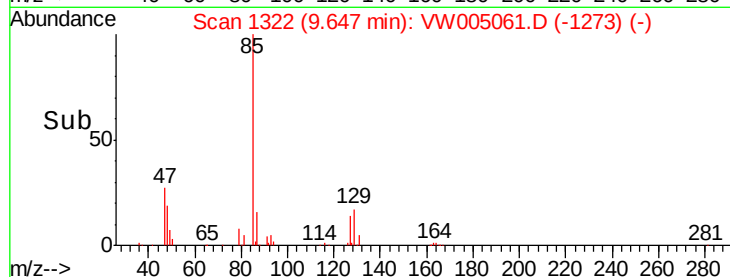
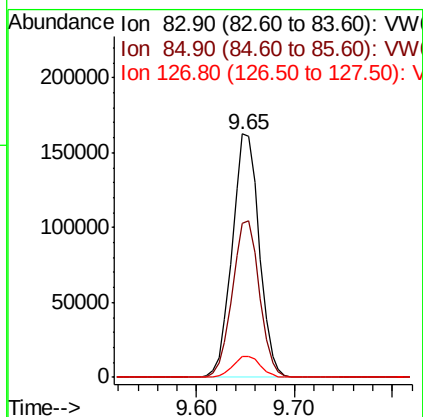
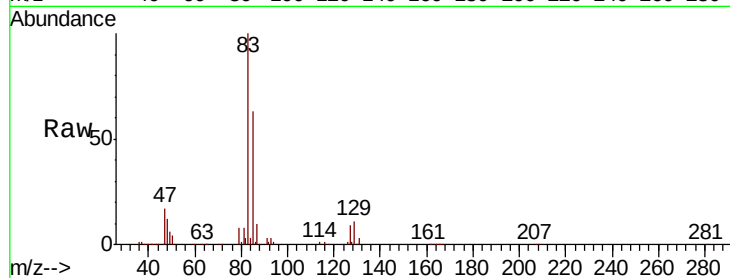
ClientSampleId :

ICVW090118

Tot Ion:	83	Resp:	311827
Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.8	74.6
127	8.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.14 ug/l

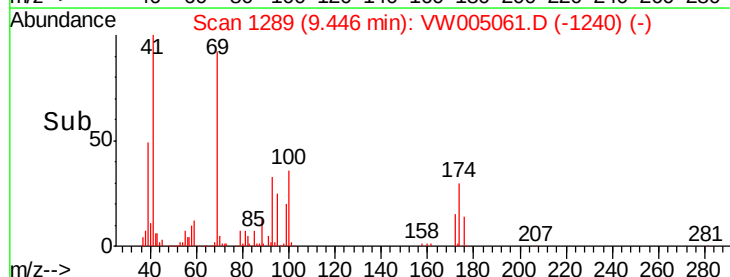
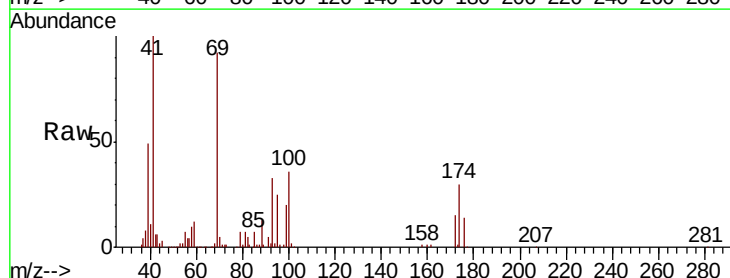
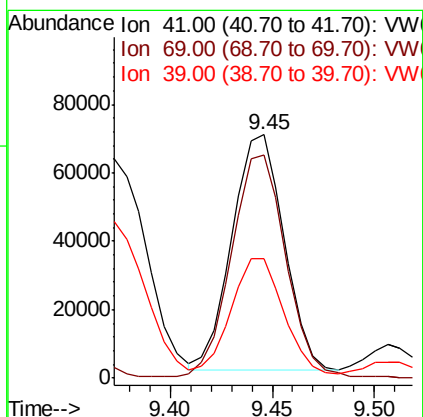
RT: 9.45 min Scan# 1289

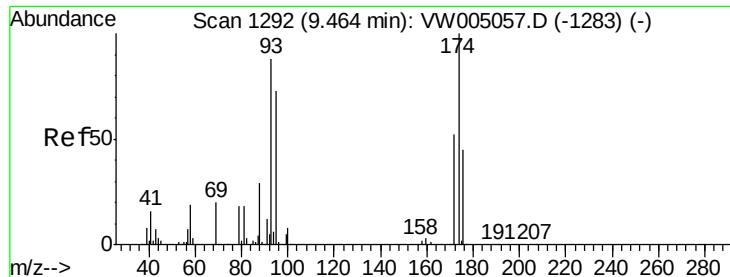
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	41	Resp:	121118
Ion	Ratio	Lower	Upper
41	100		
69	100.2	80.4	120.6
39	53.8	43.5	65.3





#49

1,4-Dioxane

Concen: 984.11 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

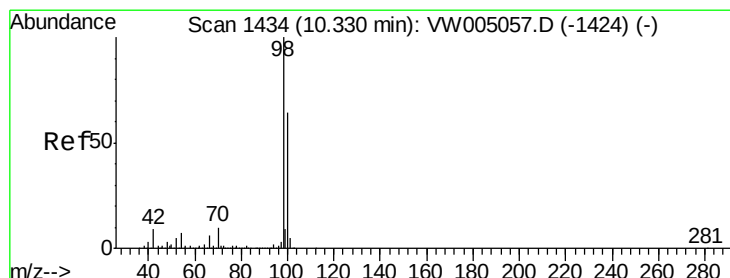
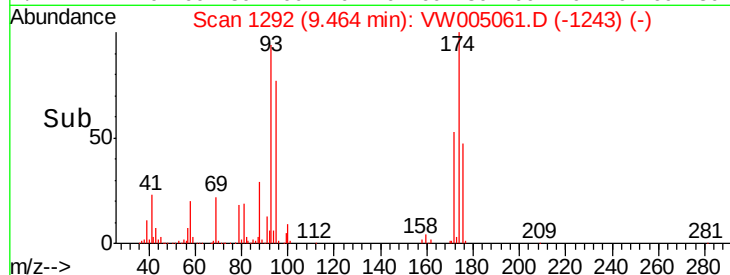
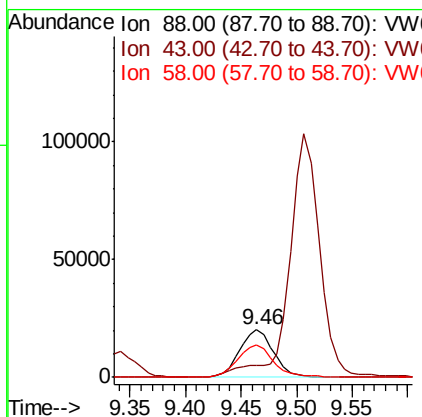
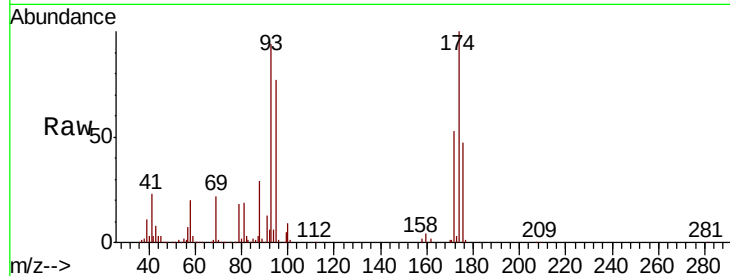
ClientSampled :

ICVW090118

Tot Ion:	88	Resp:	42805
Ion Ratio	Lower	Upper	
88	100		
43	0.0	19.8	29.6#
58	73.3	57.1	85.7

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#50

Toluene-d8

Concen: 48.24 ug/l

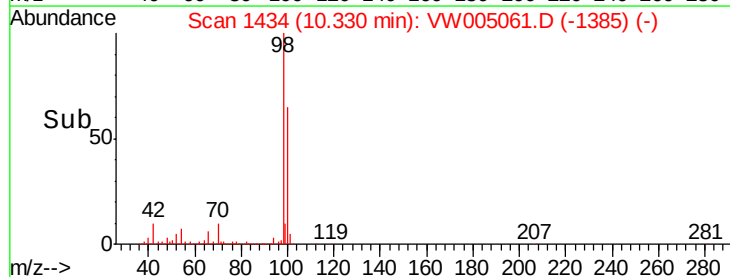
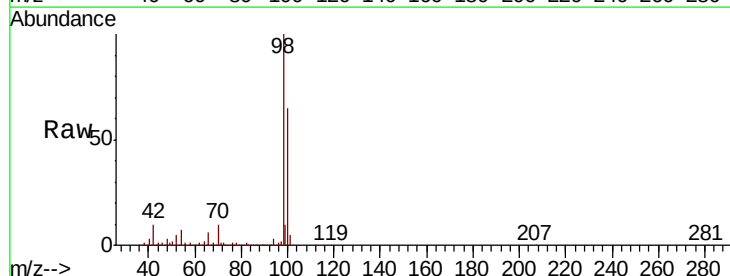
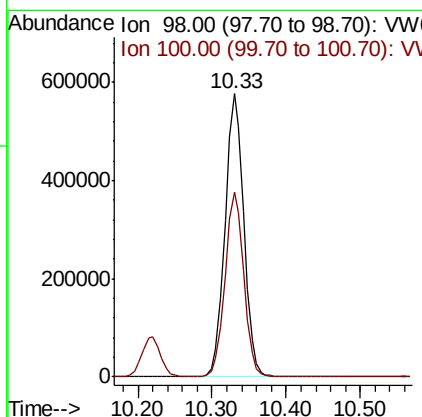
RT: 10.33 min Scan# 1434

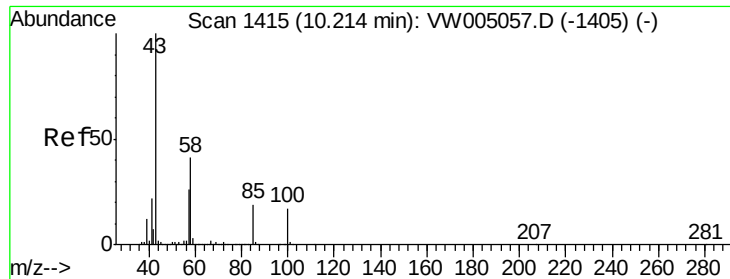
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	98	Resp:	1014310
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.7	77.5





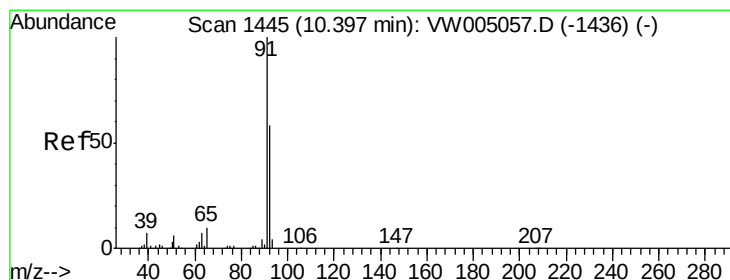
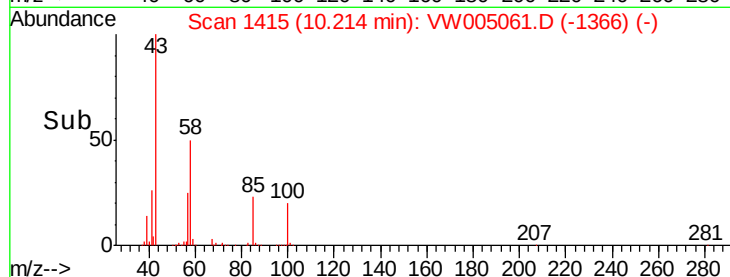
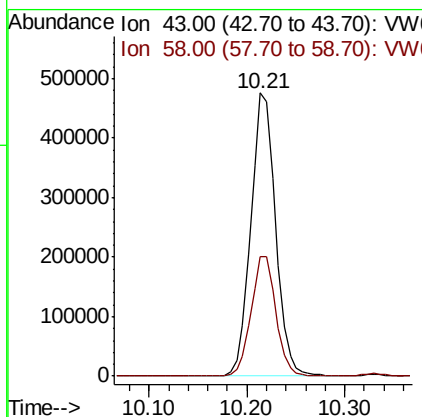
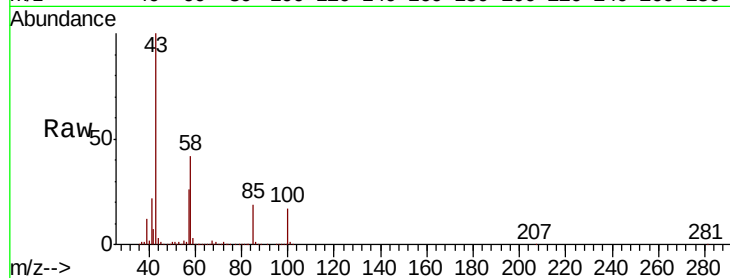
#51
4-Methyl-2-Pentanone
Concen: 243.41 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampled :
ICVW090118

Tot Ion	43	Resp	834981
Ion Ratio	100	Lower	Upper
43	100		
58	42.4	33.3	49.9

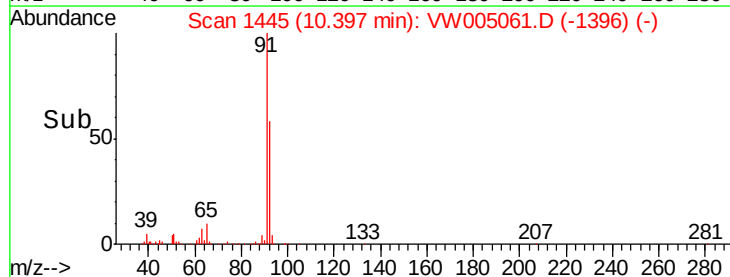
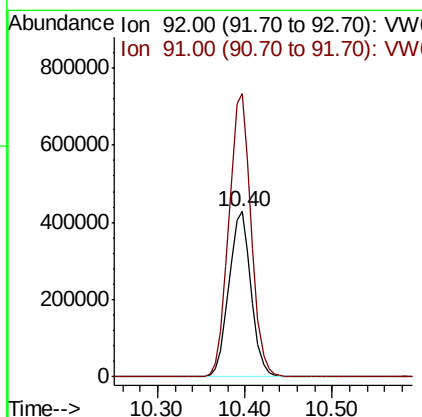
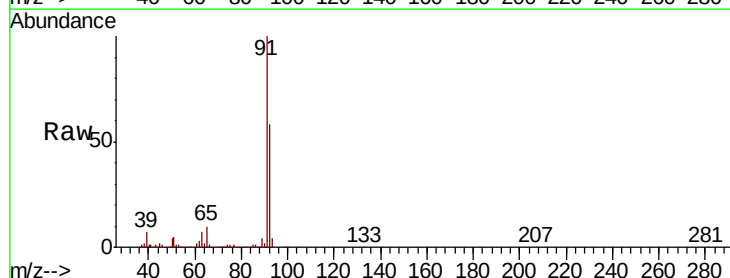
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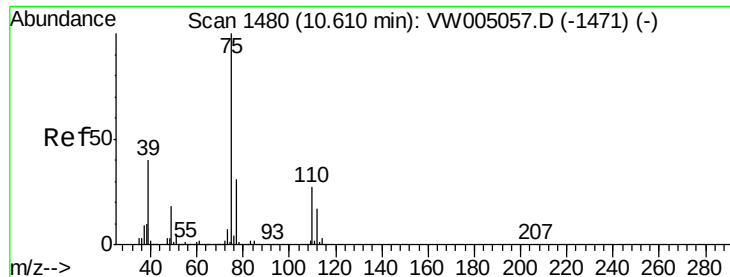
apatel
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#52
Toluene
Concen: 48.33 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	92	Resp	754059
Ion Ratio	100	Lower	Upper
92	100		
91	172.2	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 47.44 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

Tot Ion: 75 Resp: 315727

Ion Ratio Lower Upper

75 100

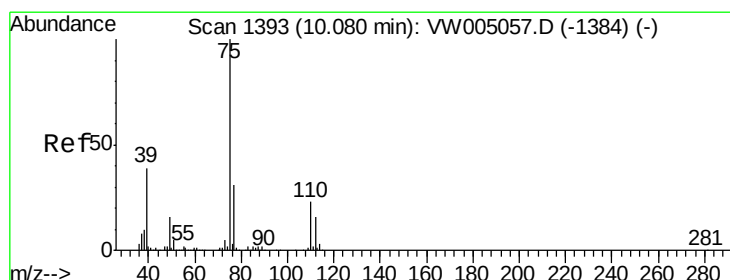
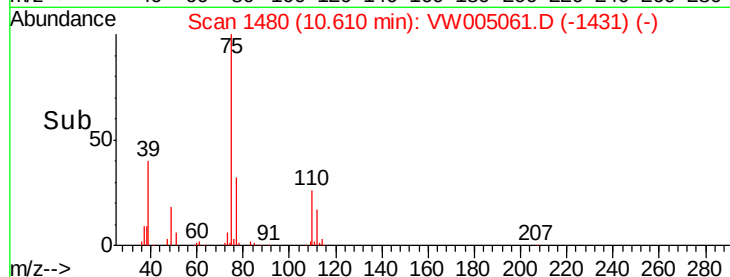
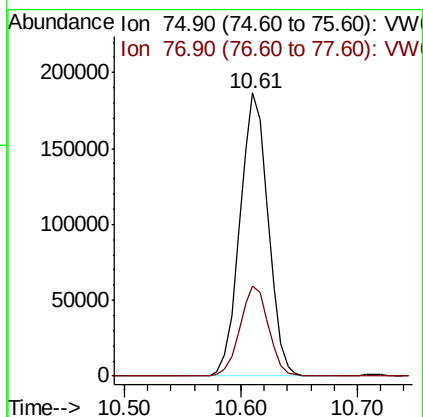
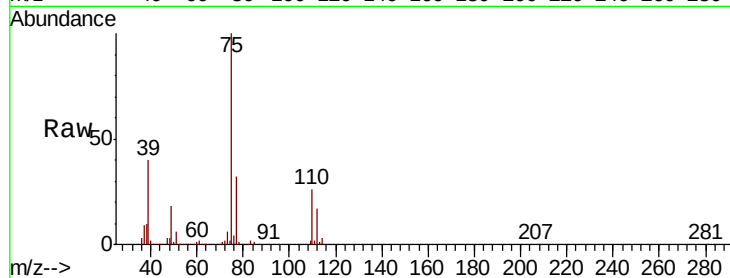
77 31.8 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 47.92 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

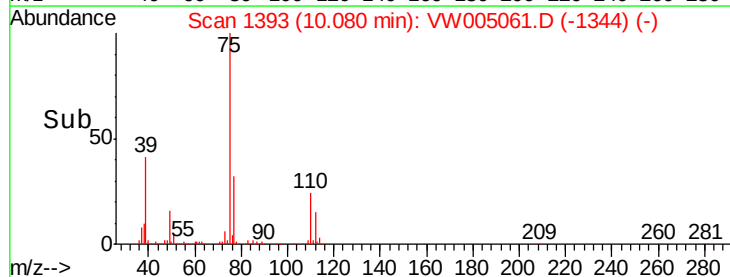
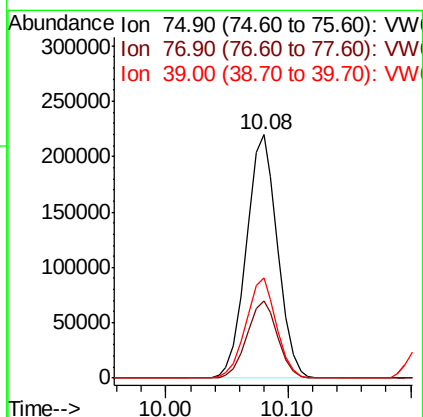
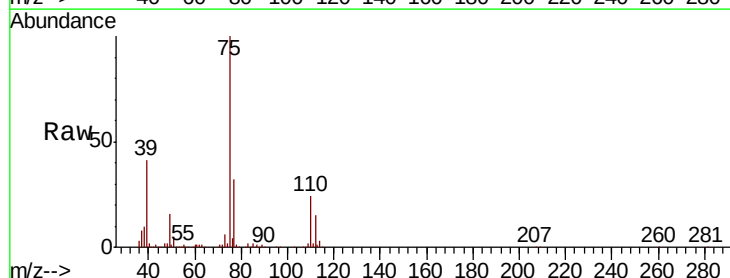
Tgt Ion: 75 Resp: 387787

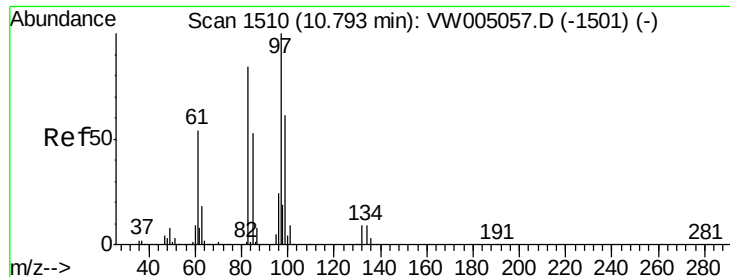
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 41.0 31.0 46.6





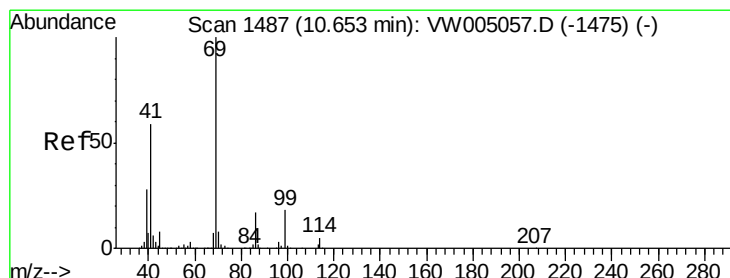
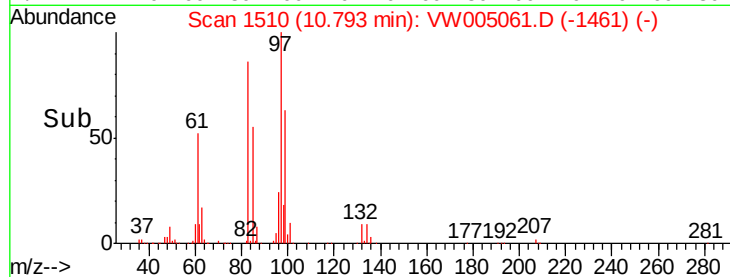
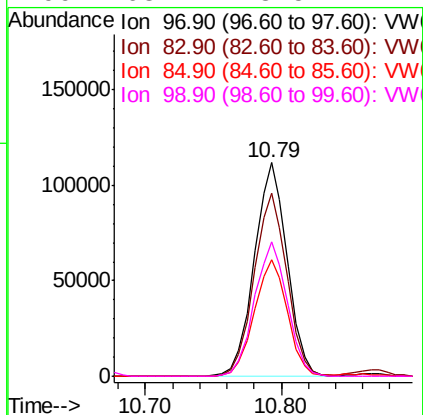
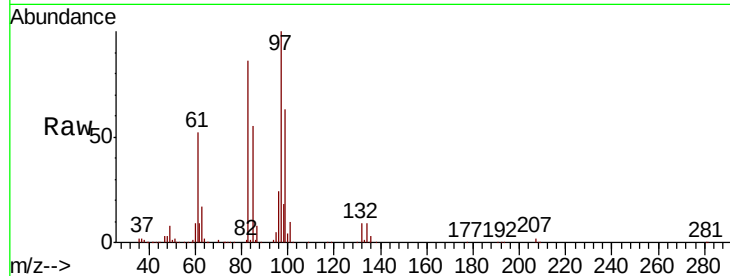
#55
 1,1,2-Trichloroethane
 Concen: 45.45 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		189257		
83	85.7	67.0	100.6		
85	54.8	42.3	63.5		
99	63.1	48.5	72.7		

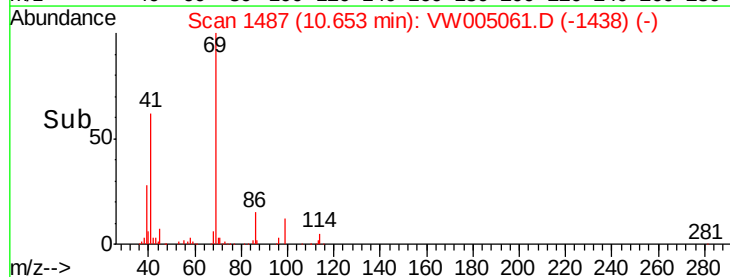
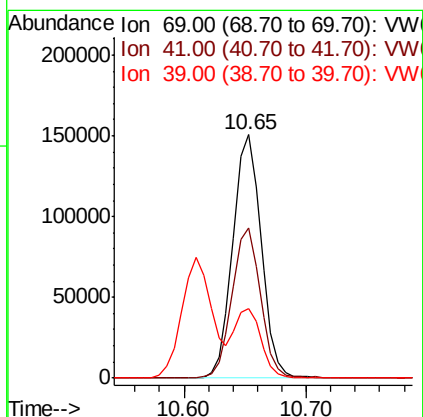
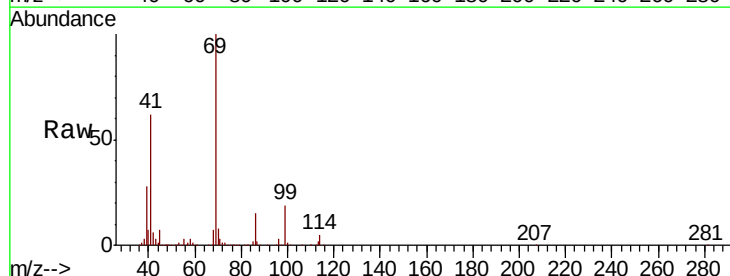
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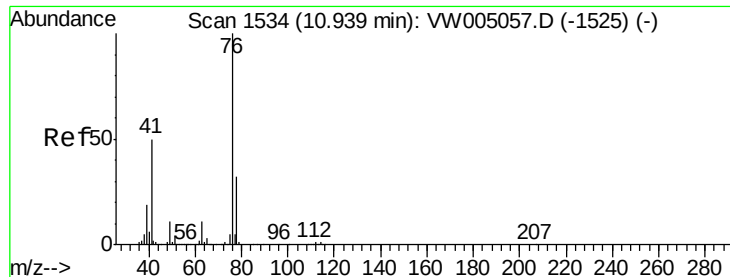
apatel
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#56
 Ethyl methacrylate
 Concen: 50.92 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		241901		
41	61.0	47.8	71.6		
39	26.6	21.1	31.7		





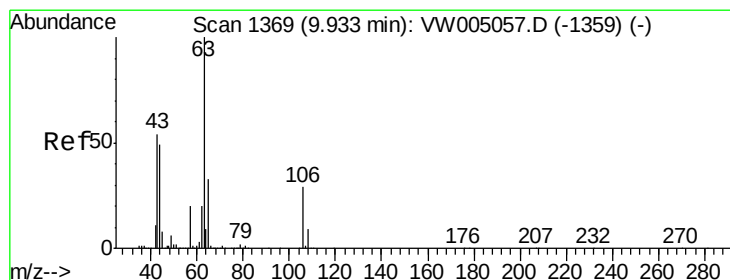
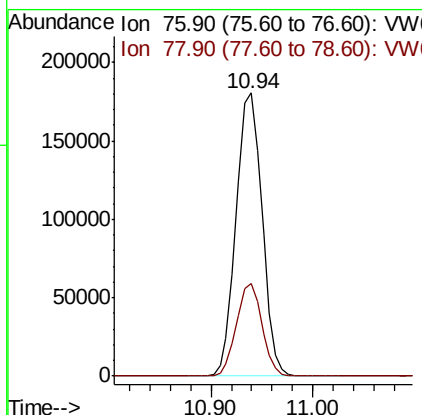
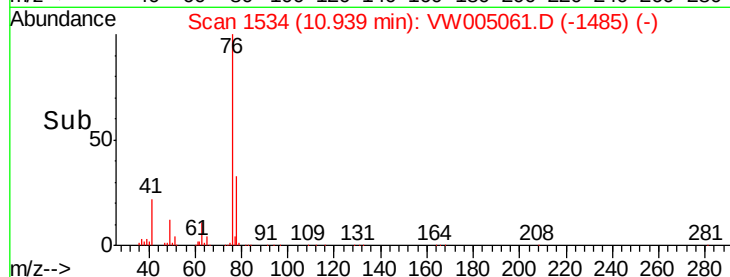
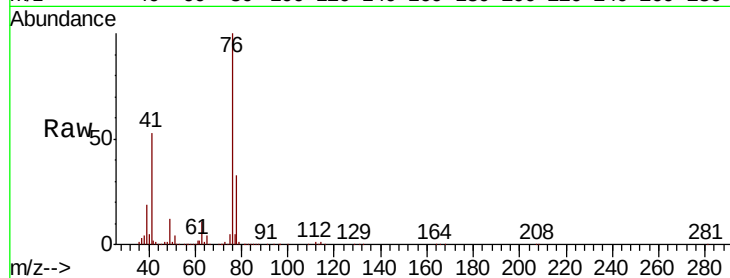
#57
 1,3-Dichloropropane
 Concen: 46.50 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

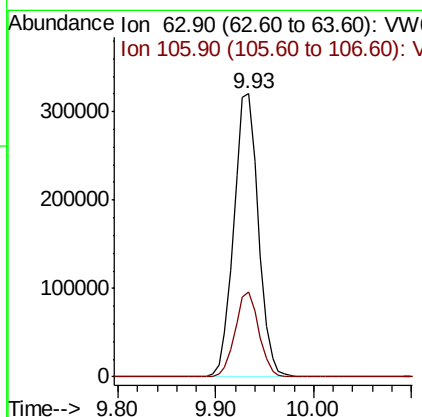
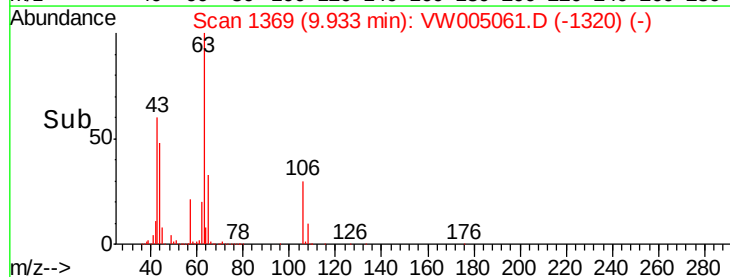
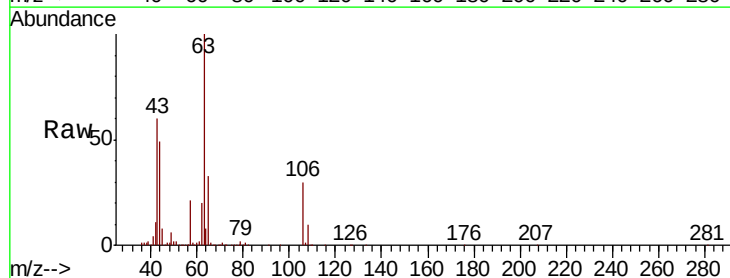
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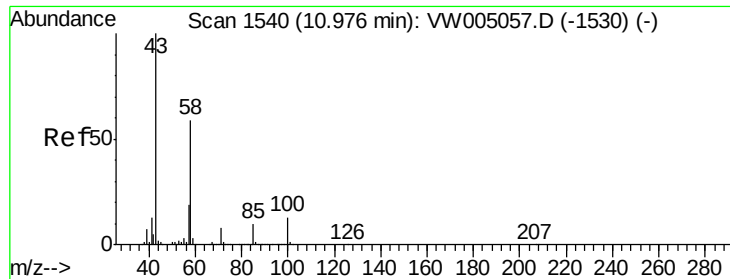
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.70 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.1	34.7





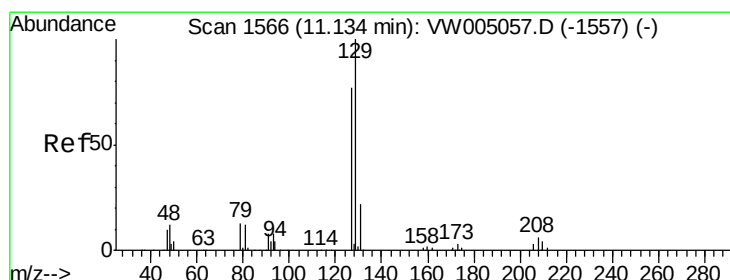
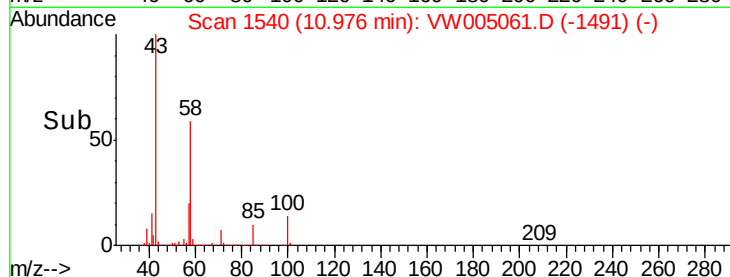
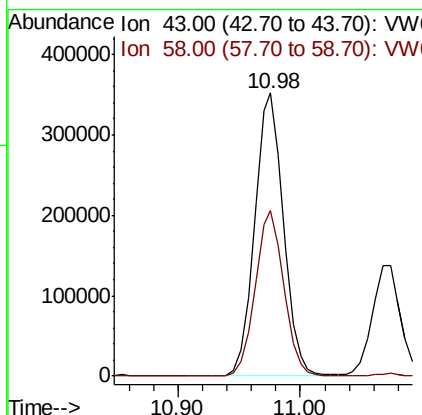
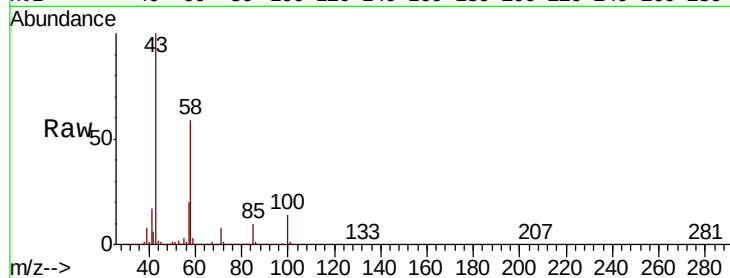
#59
2-Hexanone
Concen: 249.15 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampled :
ICVW090118

Tot Ion: 43 Resp: 578049
Ion Ratio Lower Upper
43 100
58 58.2 28.7 86.3

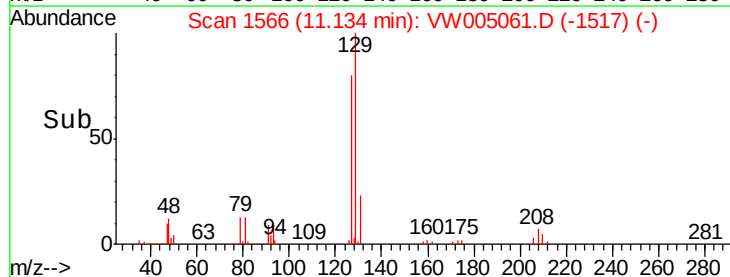
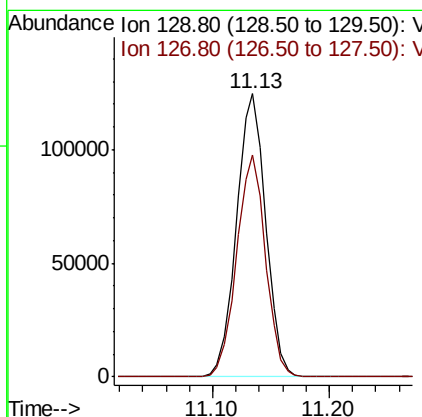
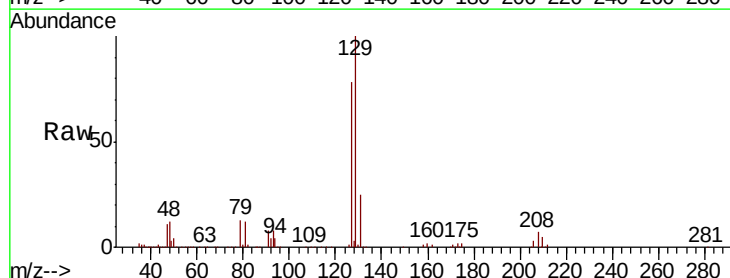
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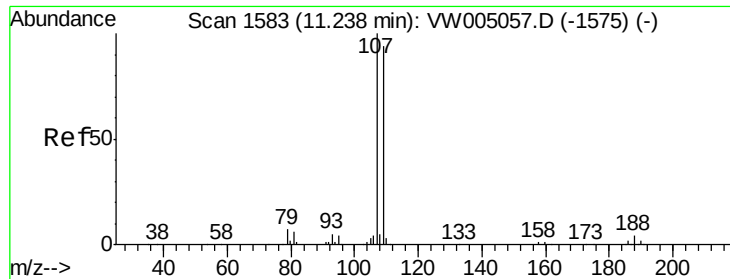
apatel
9/4/2018 9:37:19 AM



#60
Dibromochloromethane
Concen: 46.20 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 129 Resp: 217528
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 46.39 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

Tot Ion: 107 Resp: 174426

Ion Ratio Lower Upper

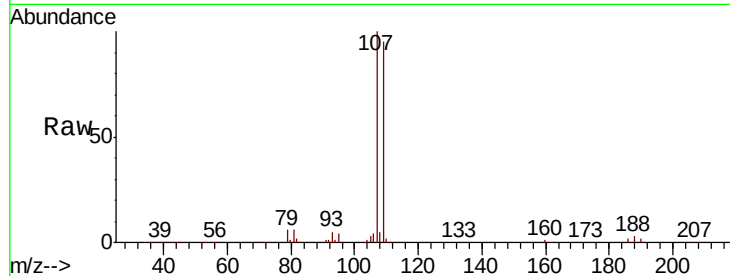
107 100

109 94.4 75.9 113.9

Manual Integrations
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apatel

9/4/2018 9:37:19 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

100000

80000

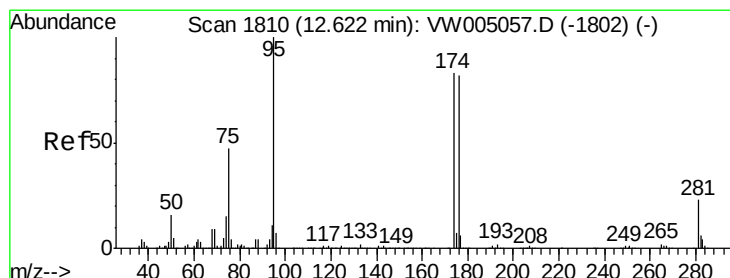
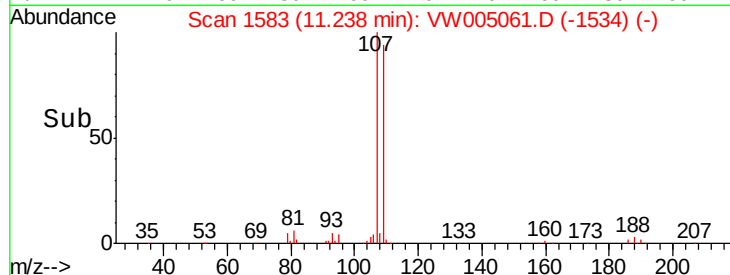
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.03 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

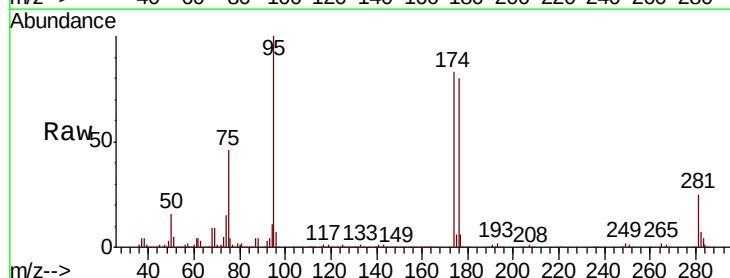
Tgt Ion: 95 Resp: 363513

Ion Ratio Lower Upper

95 100

174 86.3 0.0 173.4

176 83.9 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

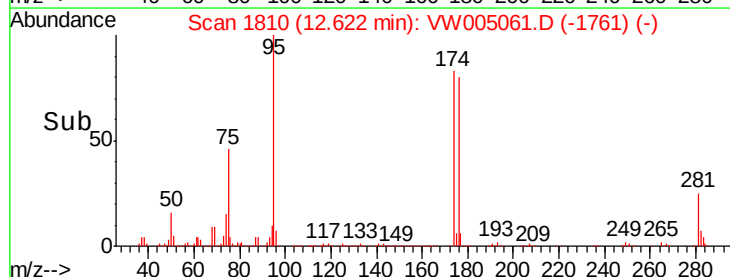
150000

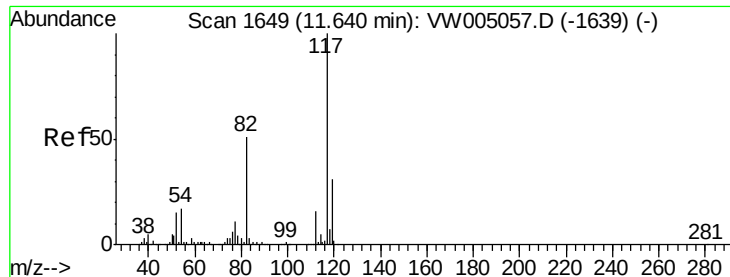
100000

50000

0

Time-->





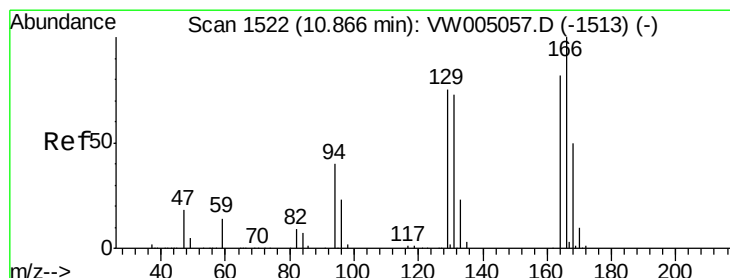
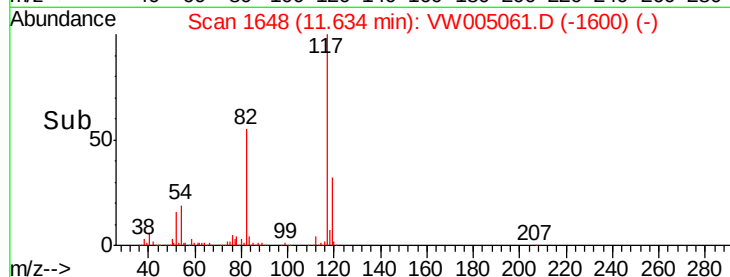
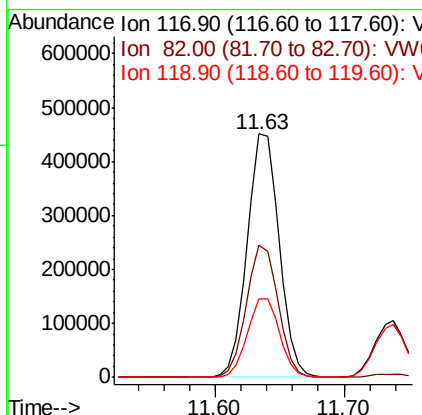
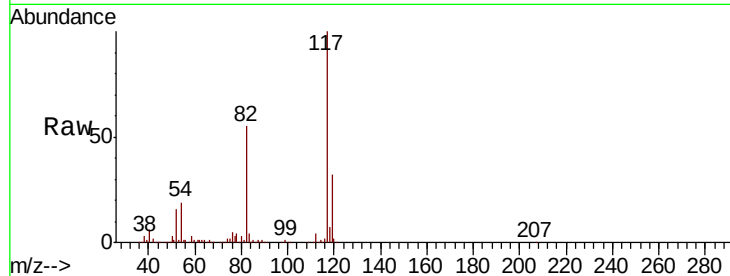
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampled :
ICVW090118

Tot Ion	Ratio	Resp	Lower	Upper
117	100	769855		
82	54.6		40.9	61.3
119	32.1		24.9	37.3

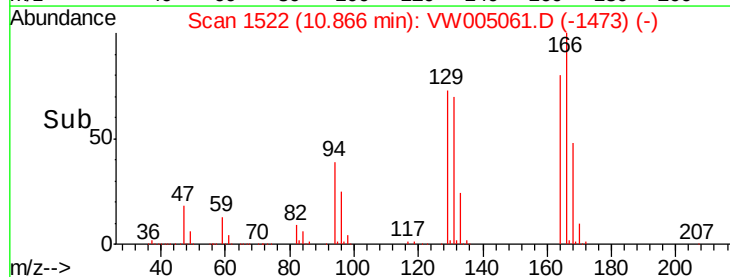
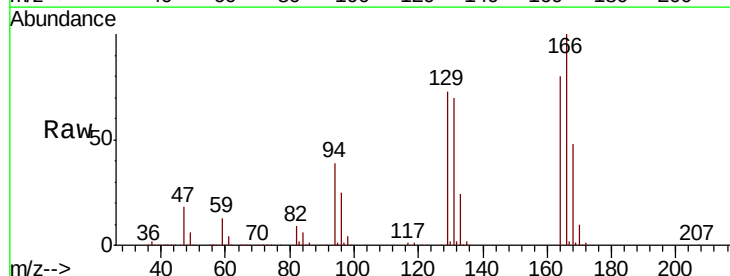
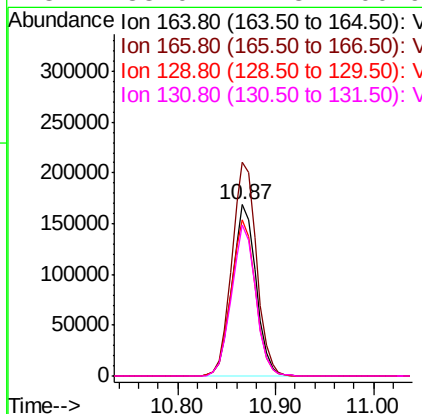
Manual Integrations
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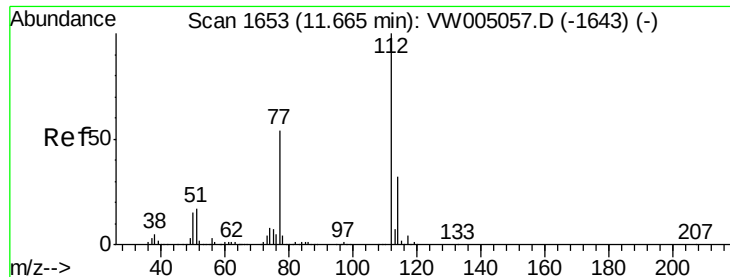
apatel
9/4/2018 9:37:19 AM



#64
Tetrachloroethene
Concen: 47.41 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	286374		
166	124.9		97.3	145.9
129	91.3		73.1	109.7
131	88.0		71.3	106.9





#65

Chlorobenzene

Concen: 48.33 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

Tot Ion:112 Resp: 837658

Ion Ratio Lower Upper

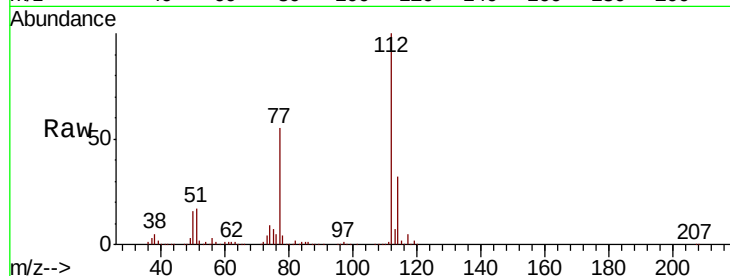
112 100

114 32.3 26.0 39.0

Manual Integrations
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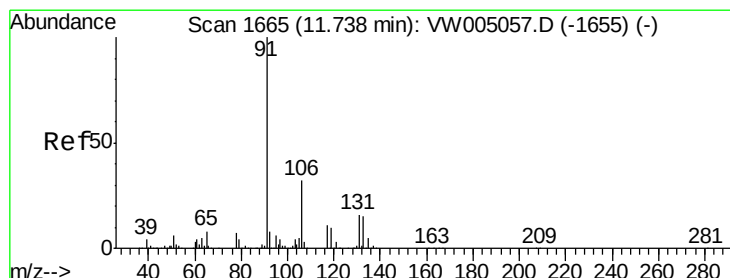
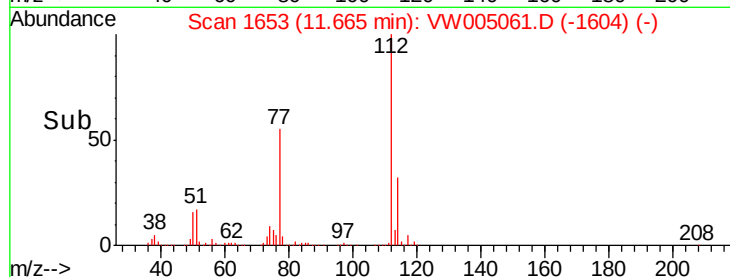
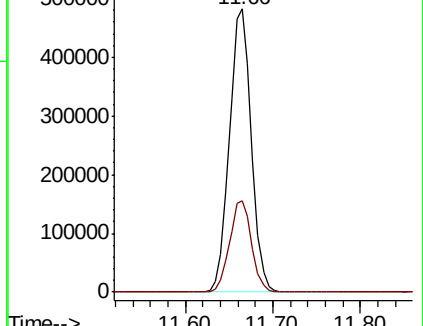
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.54 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

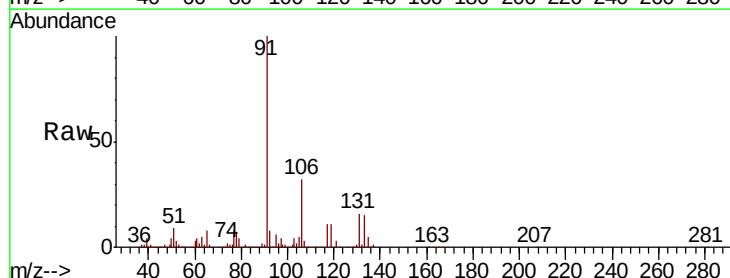
Tgt Ion:131 Resp: 251759

Ion Ratio Lower Upper

131 100

133 94.9 47.4 142.3

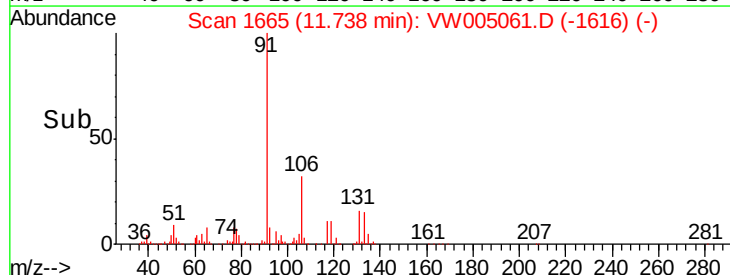
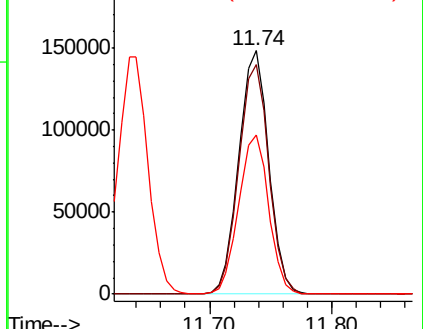
119 65.6 33.4 100.1

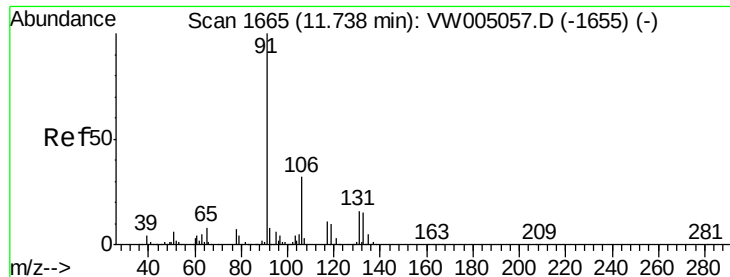


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





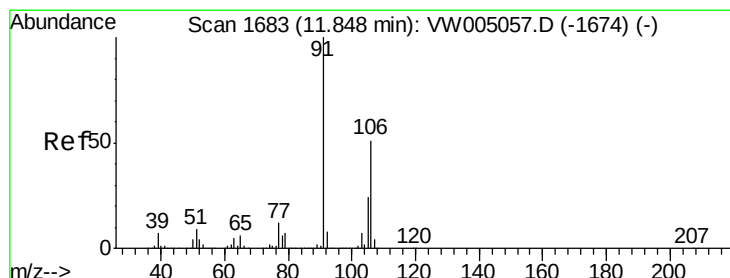
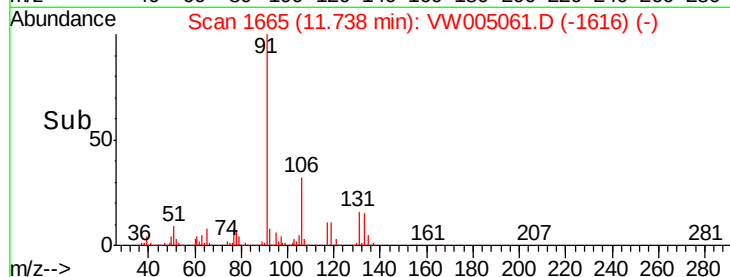
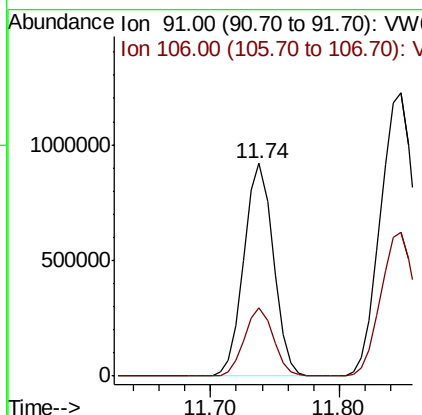
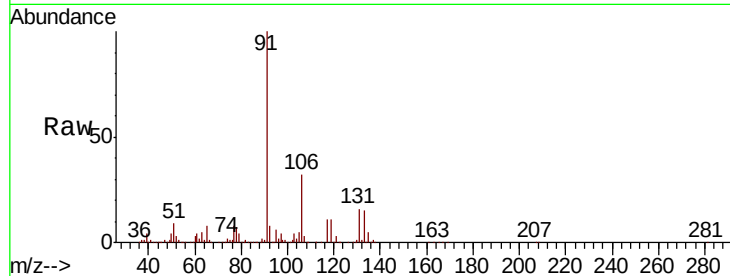
#67
Ethyl Benzene
Concen: 49.62 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampled :
ICVW090118

Tot Ion: 91 Resp: 1453731
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

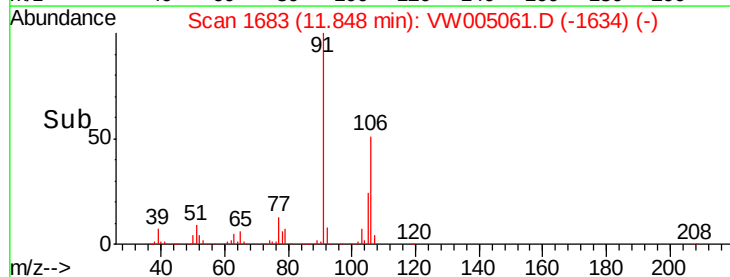
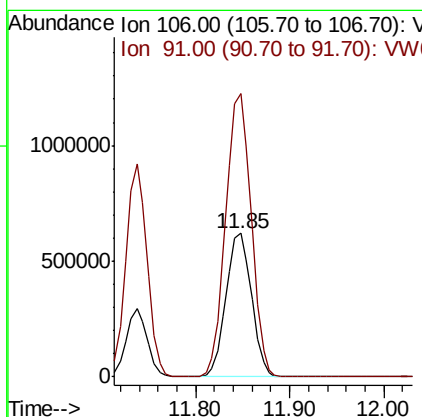
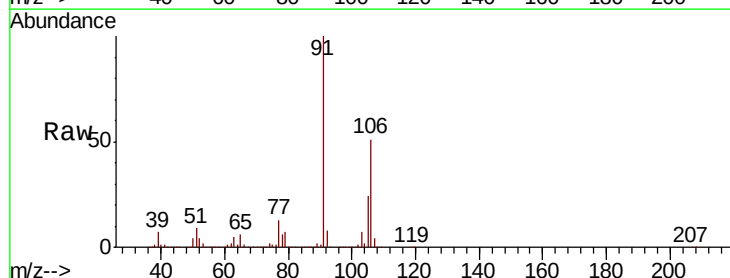
Manual Integrations
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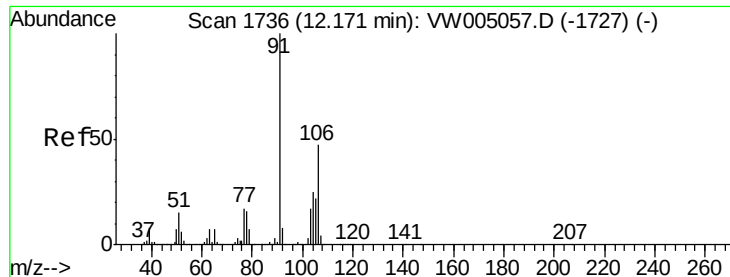
apatel
9/4/2018 9:37:19 AM



#68
m/p-Xylenes
Concen: 99.38 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion:106 Resp: 1165907
Ion Ratio Lower Upper
106 100
91 197.8 158.4 237.6





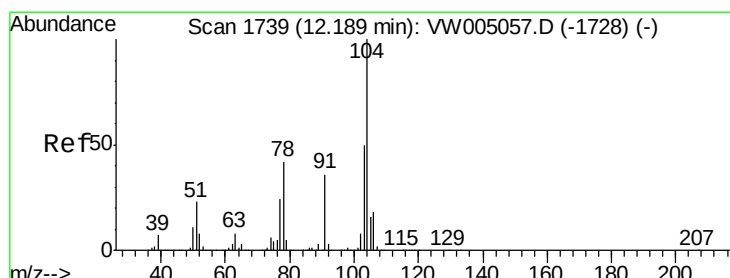
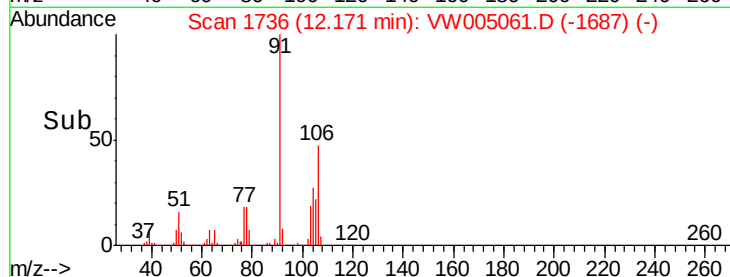
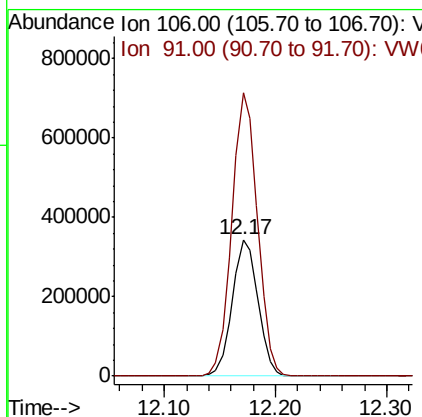
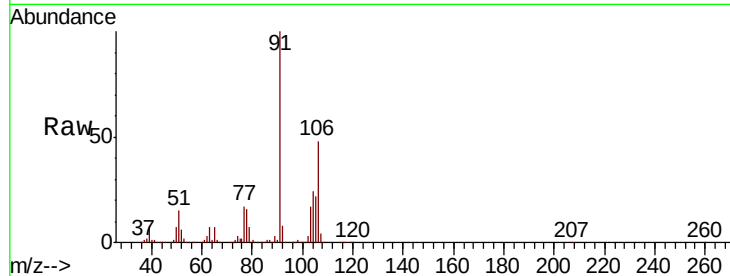
#69
o-Xylene
Concen: 50.52 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampled :
ICVW090118

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.1	105.6	316.8	

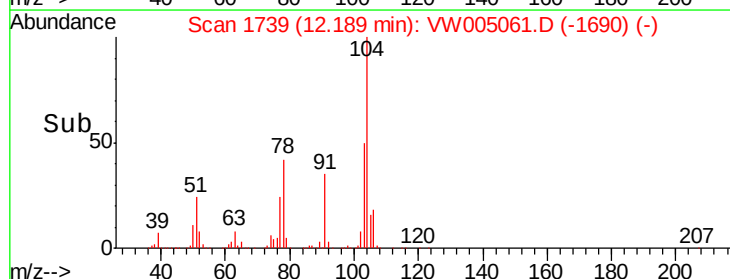
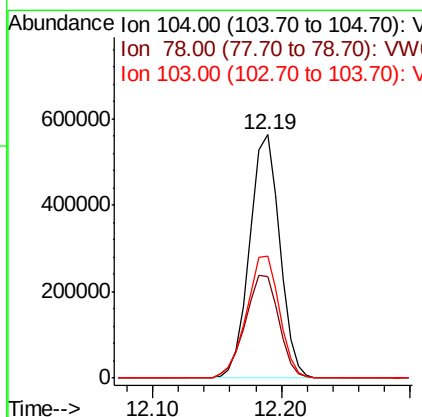
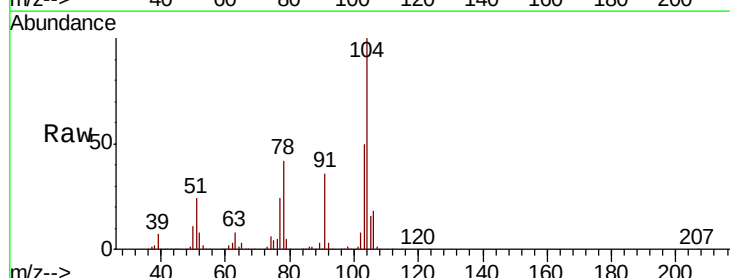
Manual Integrations
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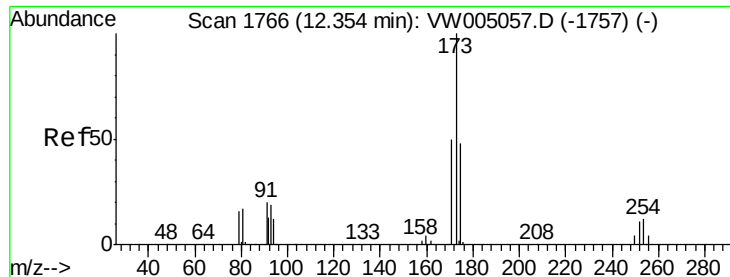
apatel
9/4/2018 9:37:19 AM



#70
Styrene
Concen: 50.65 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.2	37.8	56.6	
103	55.1	44.1	66.1	





#71

Bromoform

Concen: 46.65 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

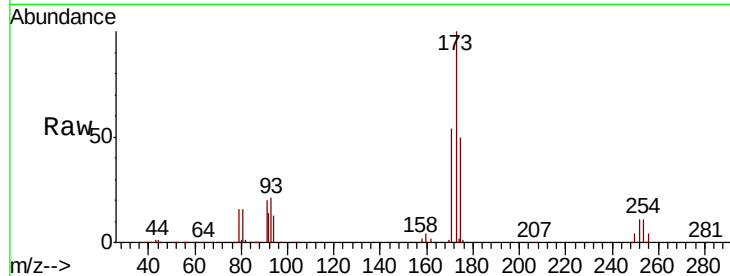
ClientSampleId :

ICVW090118

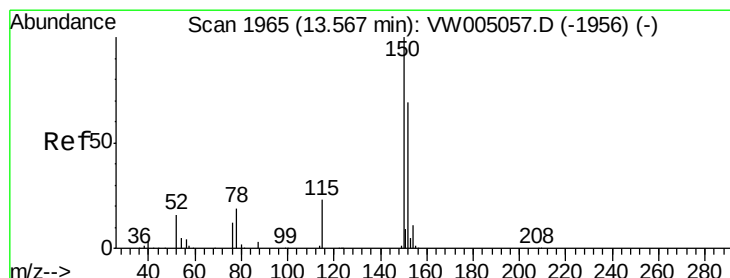
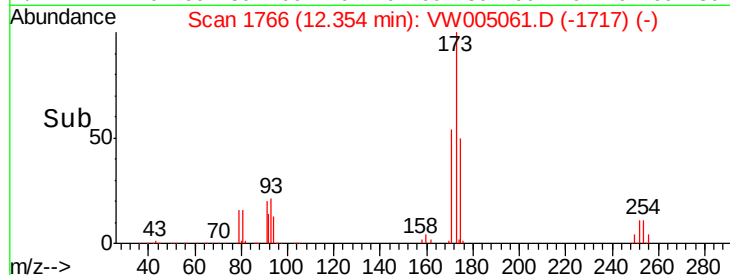
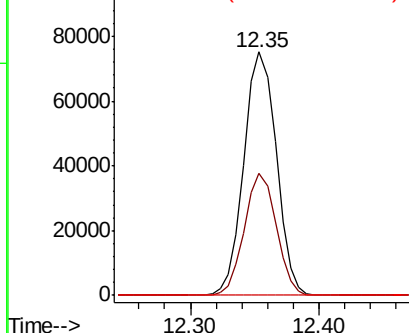
Tot Ion:	173	Resp:	130937
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.1	72.2
254	0.1	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

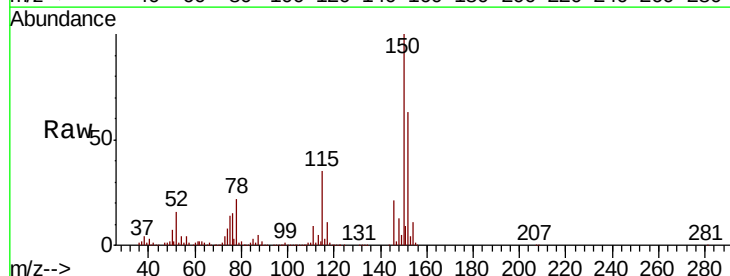
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

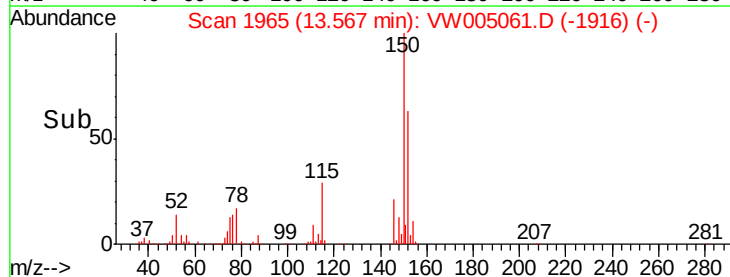
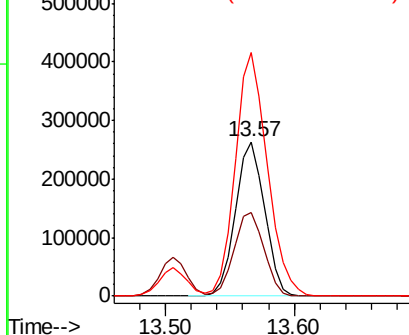
Lab File: VW005061.D

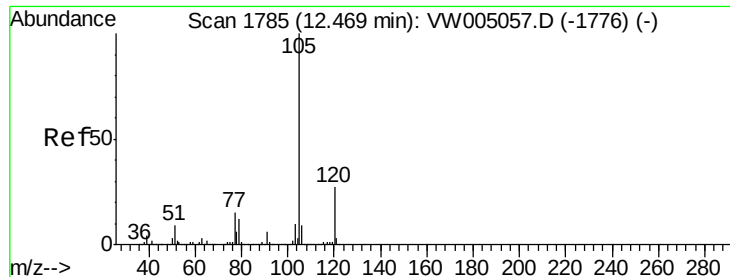
Acq: 01 Sep 2018 03:11

Tgt Ion:	152	Resp:	415415
Ion Ratio	Lower	Upper	
152	100		
115	55.8	27.8	83.4
150	171.9	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.67 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

Tot Ion: 105 Resp: 1454812

Ion Ratio Lower Upper

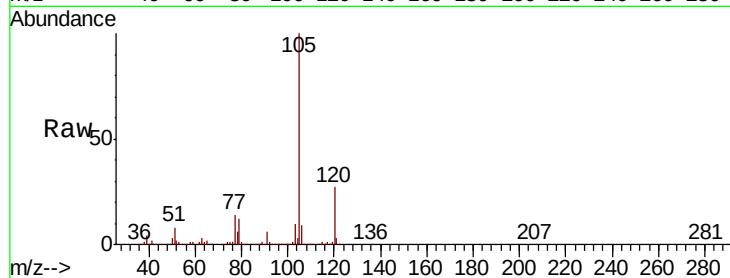
105 100

120 26.8 13.4 40.1

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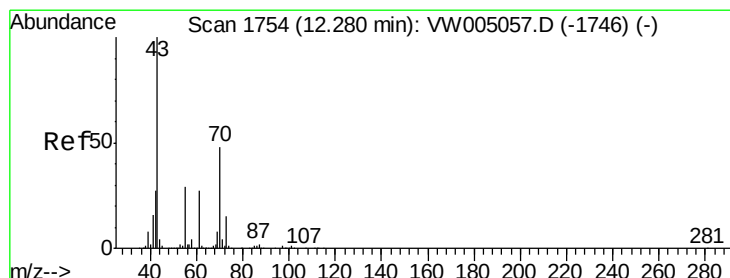
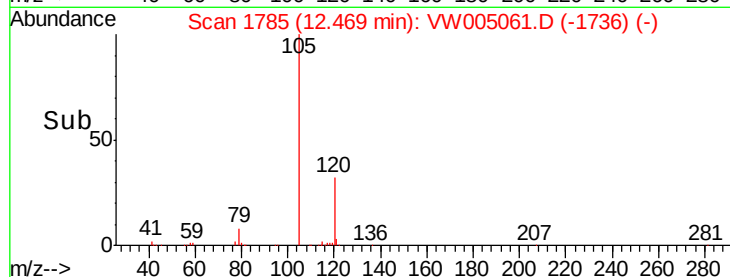
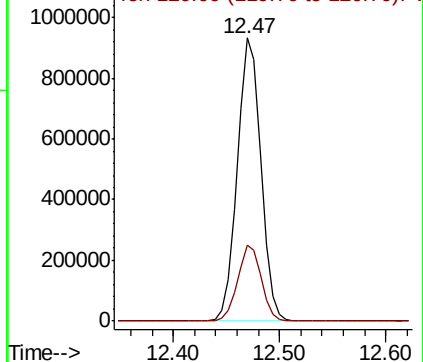
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.76 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion: 43 Resp: 245902

Ion Ratio Lower Upper

43 100

70 47.8 38.2 57.4

55 28.5 23.2 34.8

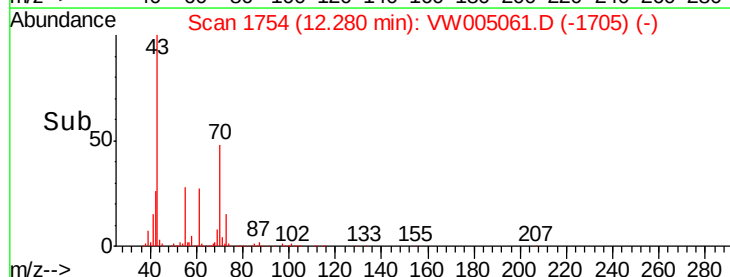
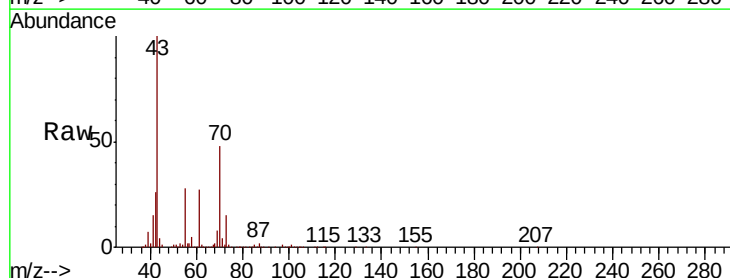
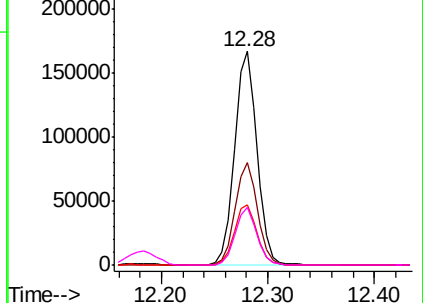
61 25.8 20.6 31.0

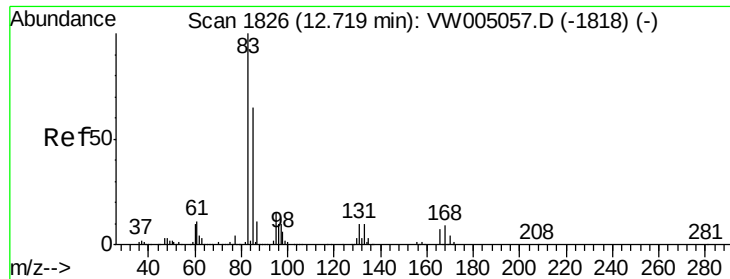
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.09 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

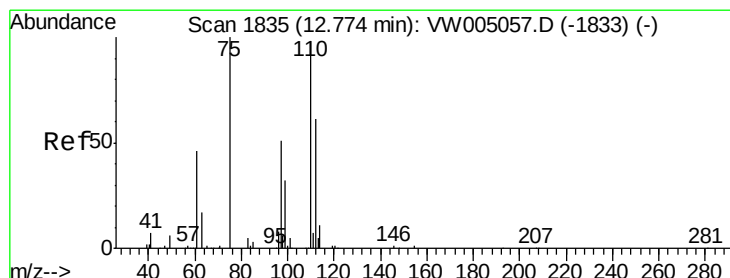
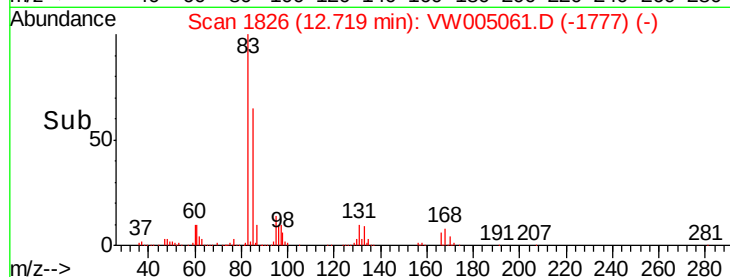
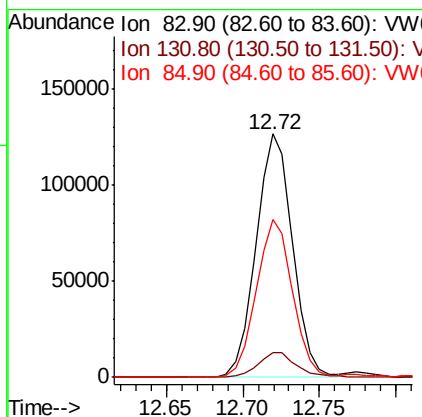
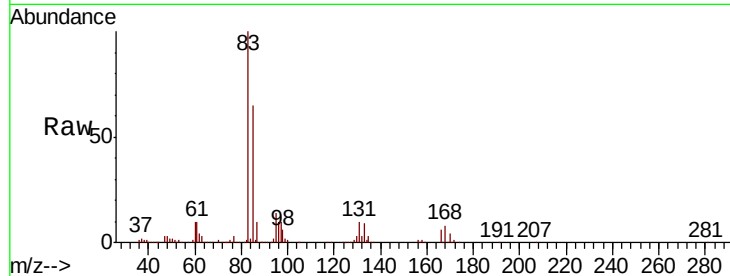
ClientSampleId :

ICVW090118

Tot Ion:	83	Resp:	209998
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	64.3	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.90 ug/l m

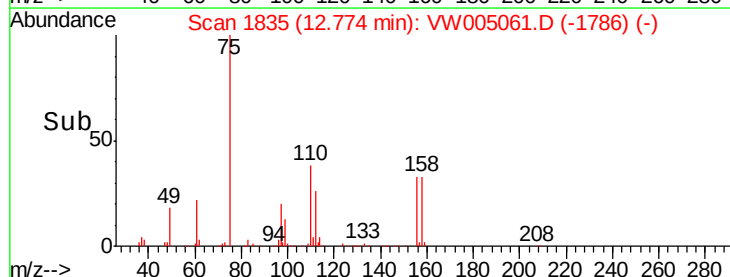
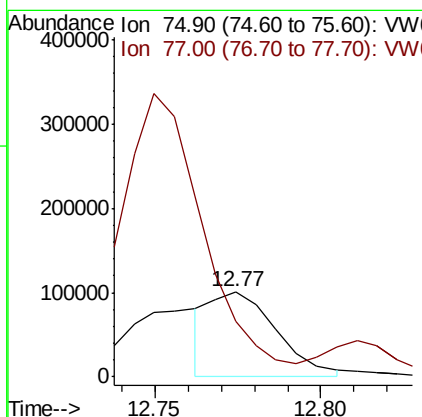
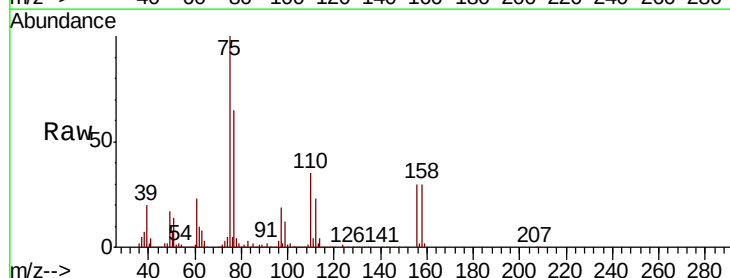
RT: 12.77 min Scan# 1835

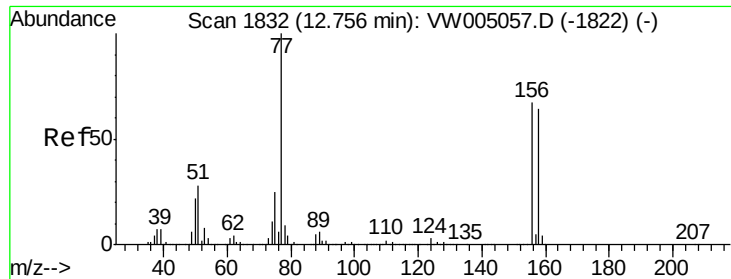
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	75	Resp:	139997
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.28 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

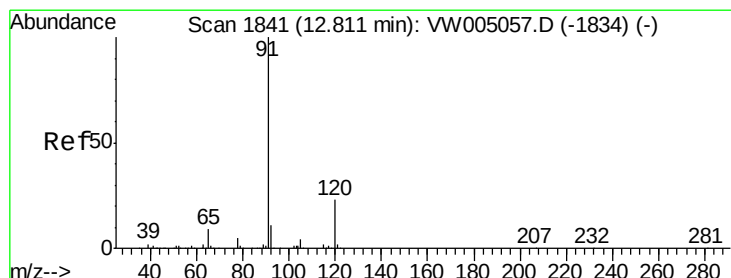
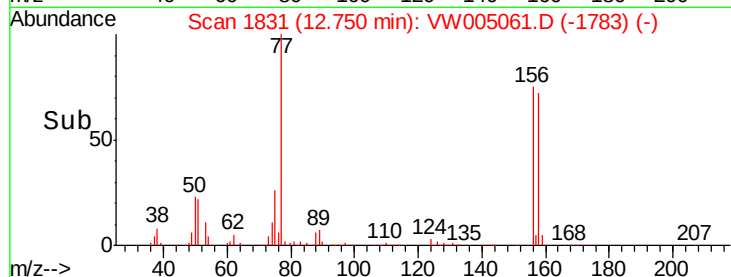
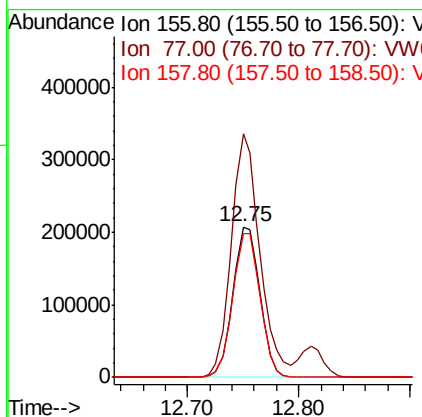
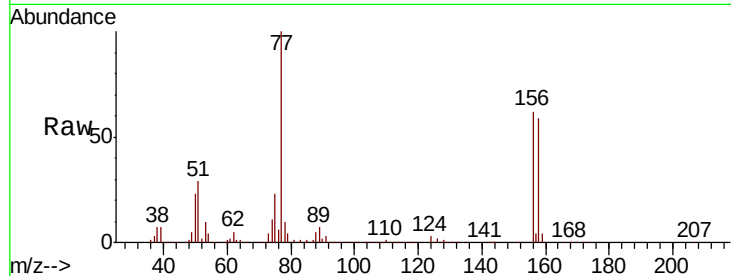
ClientSampleId :

ICVW090118

Tot Ion:	156	Resp:	348471
Ion Ratio	Lower	Upper	
156	100		
77	170.9	85.8	257.4
158	96.7	48.1	144.4

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#78

n-propylbenzene

Concen: 49.70 ug/l

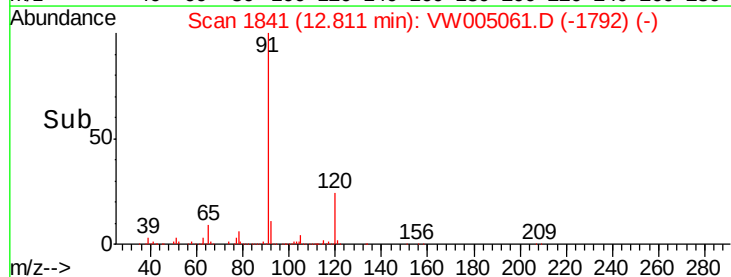
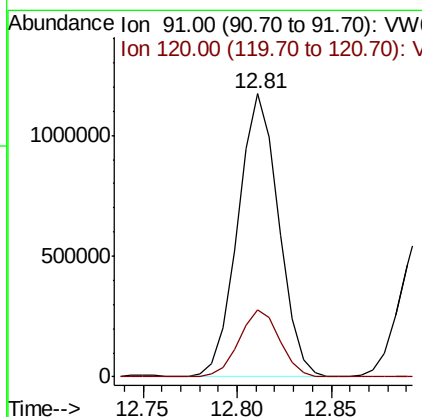
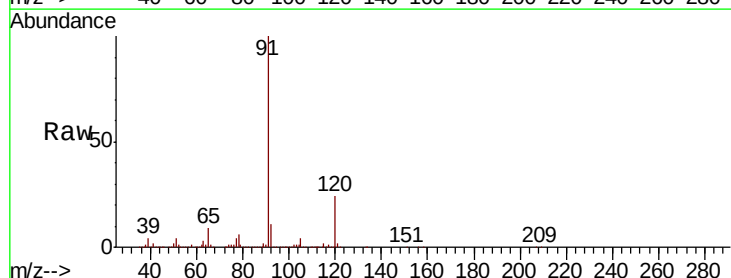
RT: 12.81 min Scan# 1841

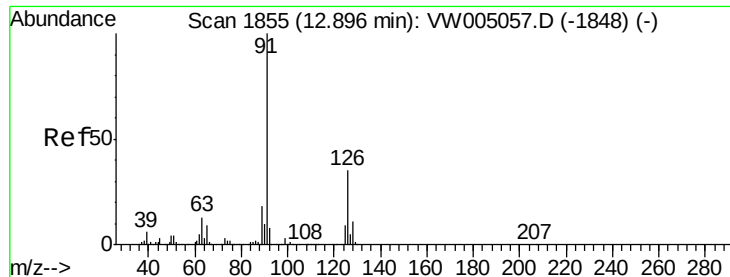
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	91	Resp:	1757442
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 48.92 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

ICVW090118

Tot Ion: 91 Resp: 1009138

Ion Ratio Lower Upper

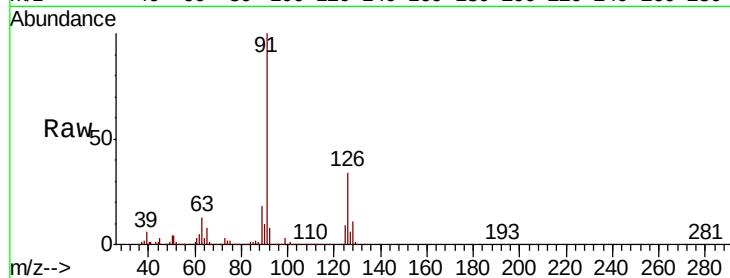
91 100

126 34.6 17.3 52.0

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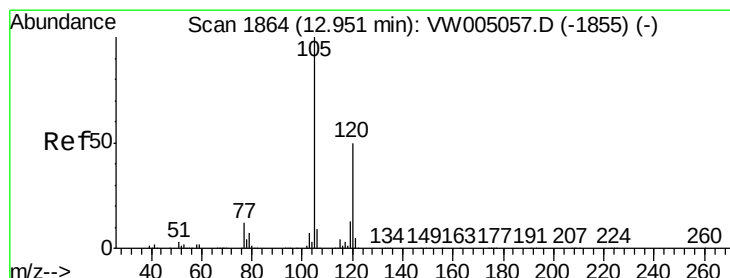
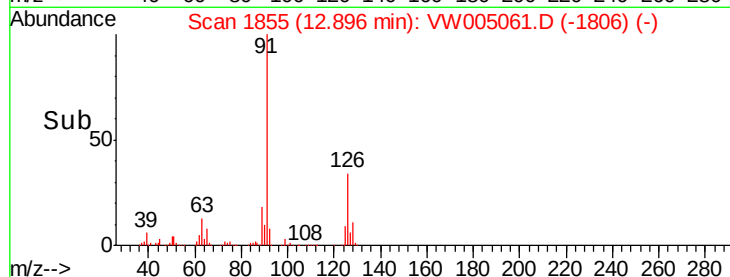
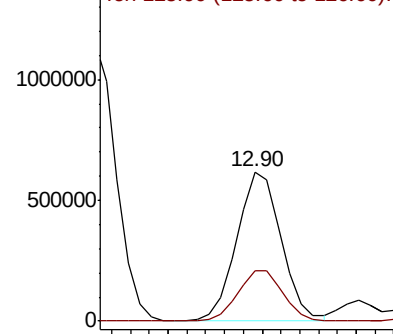
apatel

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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: 49.78 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005061.D

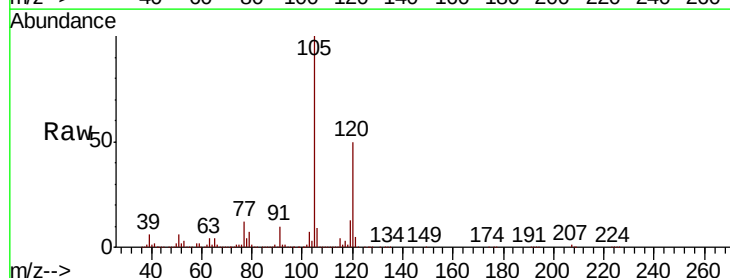
Acq: 01 Sep 2018 03:11

Tgt Ion: 105 Resp: 1261002

Ion Ratio Lower Upper

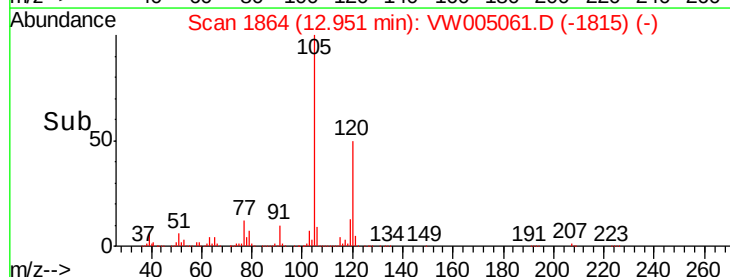
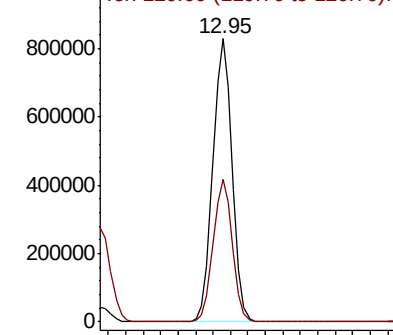
105 100

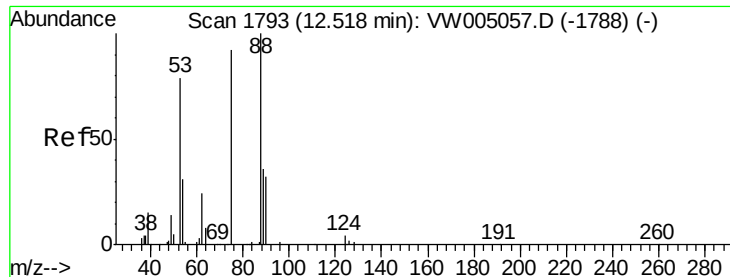
120 50.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





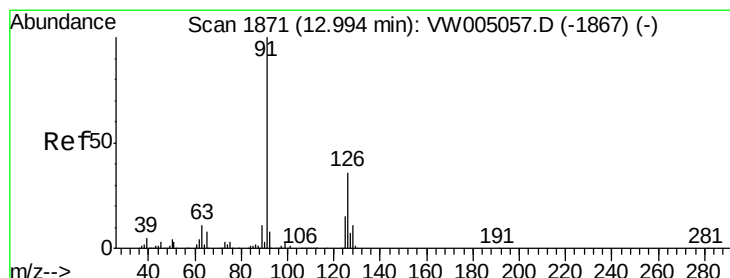
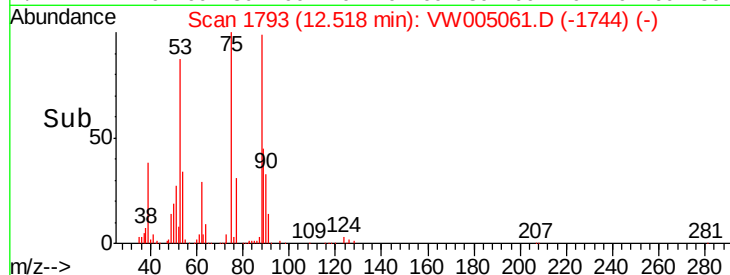
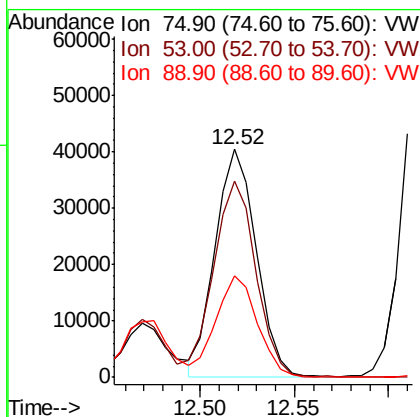
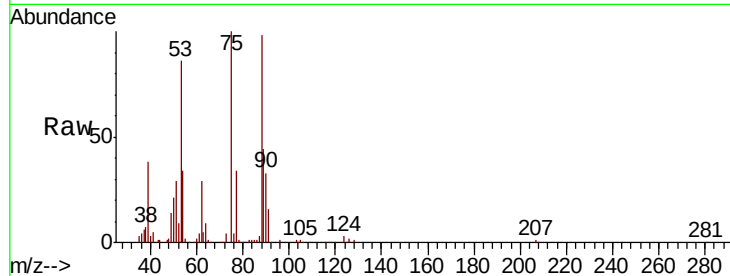
#81
trans-1,4-Dichloro-2-butene
Concen: 47.25 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.6	69.8	104.8
89	44.8	36.0	54.0

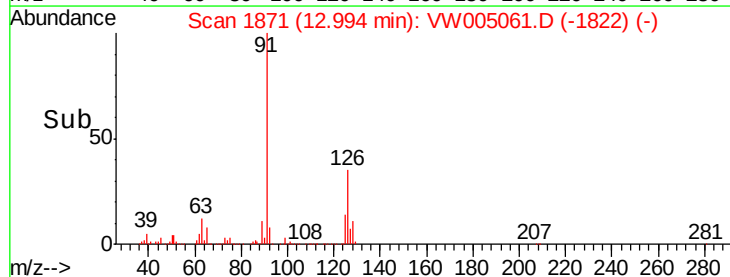
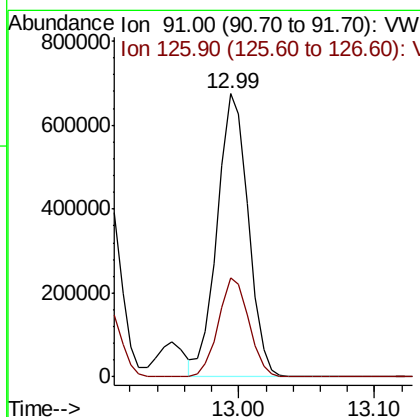
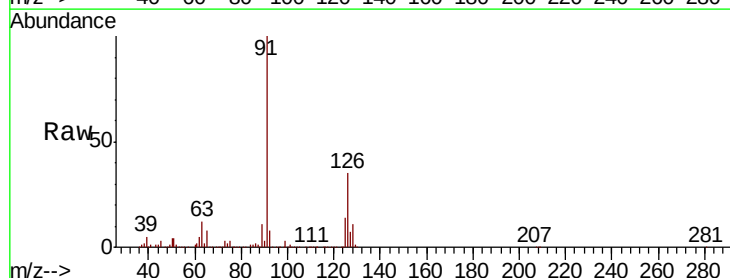
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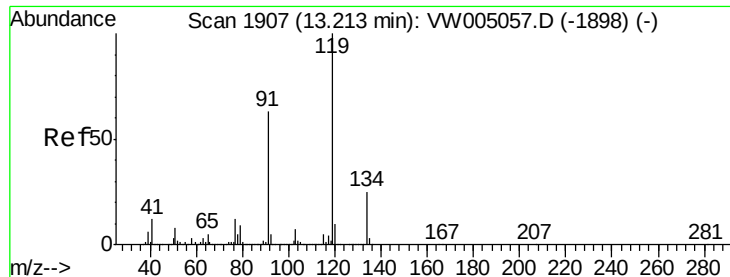
apatel
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#82
4-Chlorotoluene
Concen: 48.94 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.4	52.3





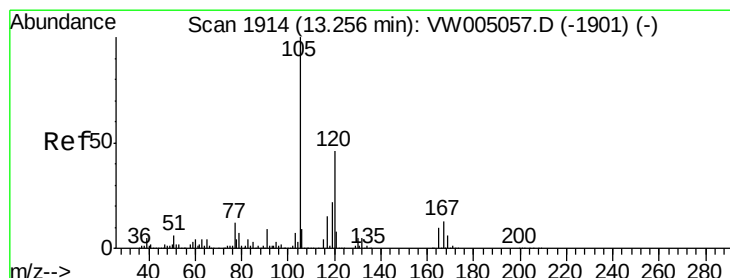
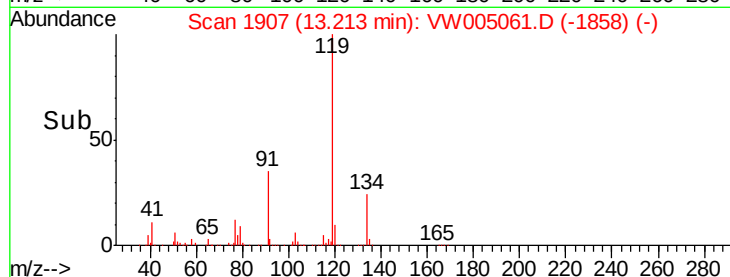
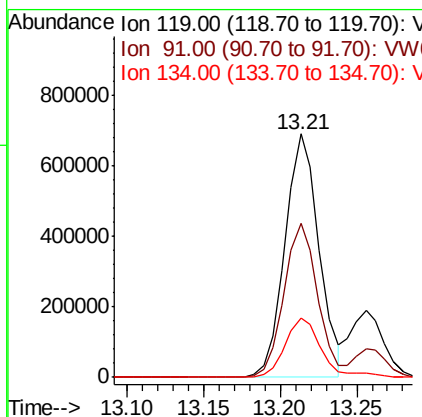
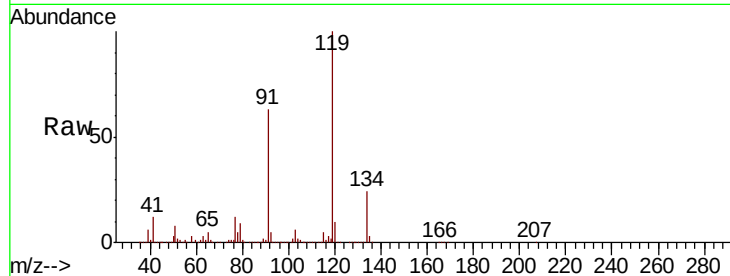
#83
 tert-Butylbenzene
 Concen: 50.28 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.5	31.8	95.4
134	26.0	13.0	39.0

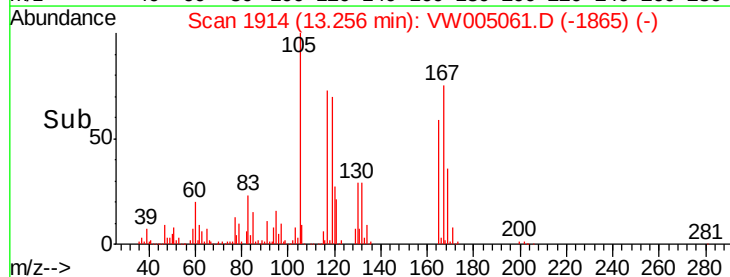
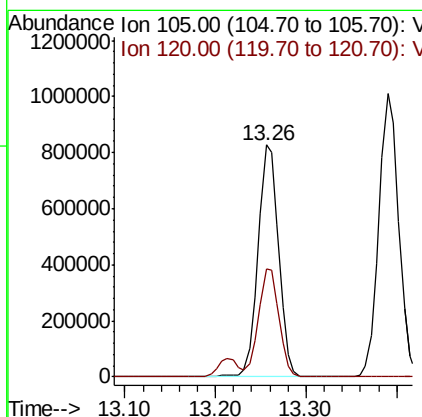
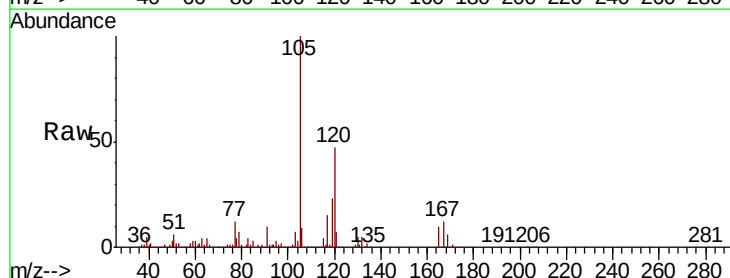
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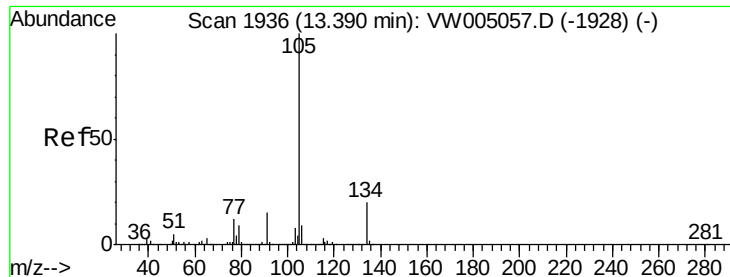
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.29 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 49.29 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

ICVW090118

Tot Ion:105 Resp: 1532323

Ion Ratio Lower Upper

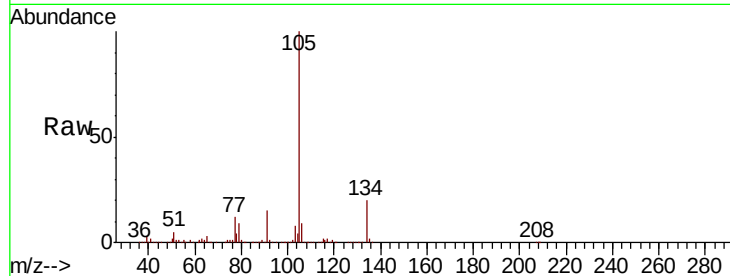
105 100

134 20.3 10.1 30.3

Manual Integrations
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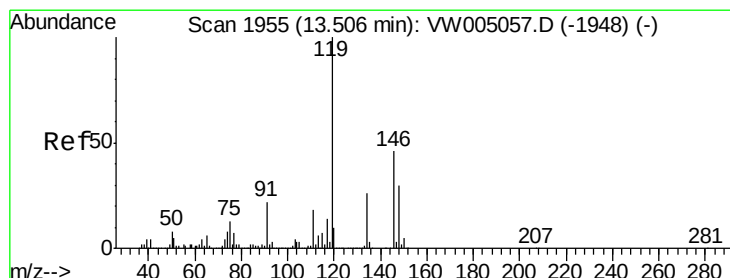
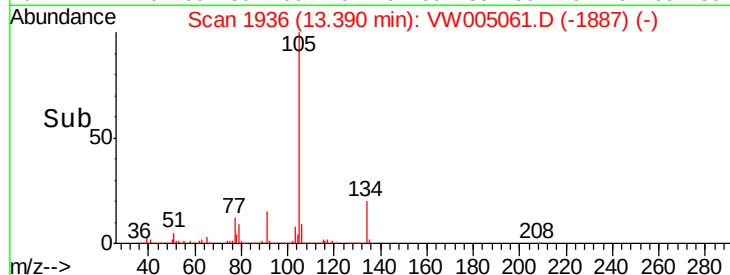
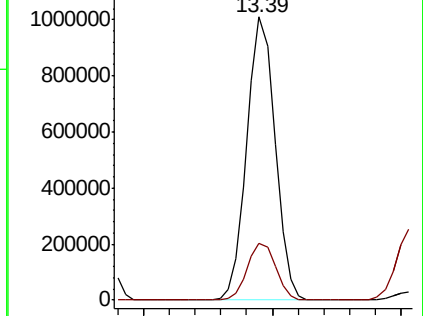
apatel

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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: 50.33 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

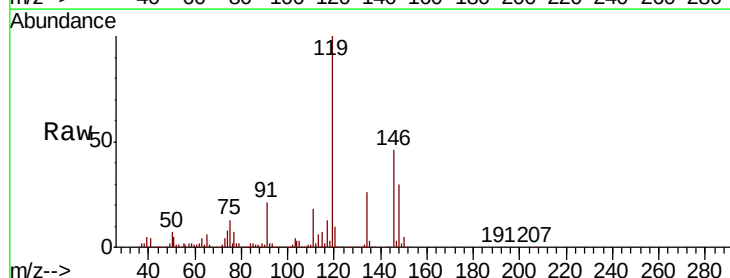
Tgt Ion:119 Resp: 1385114

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

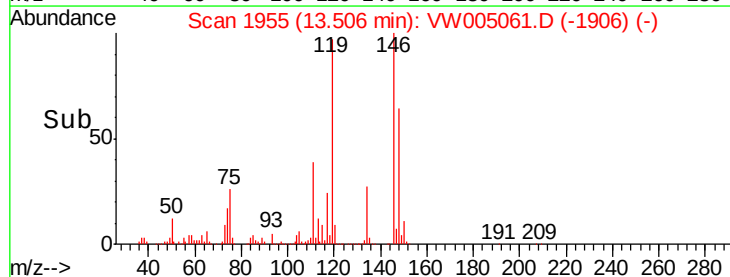
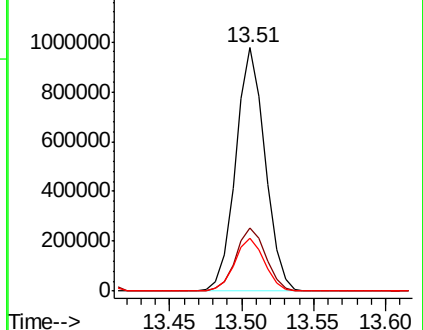
91 21.9 10.9 32.9

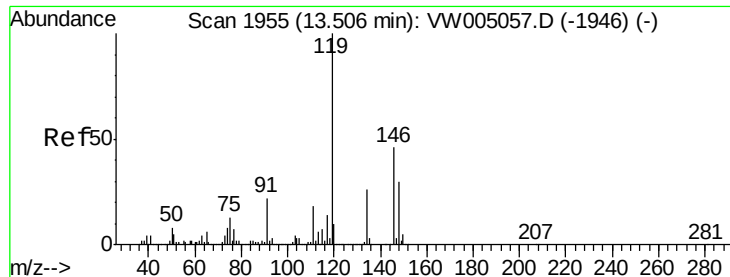


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





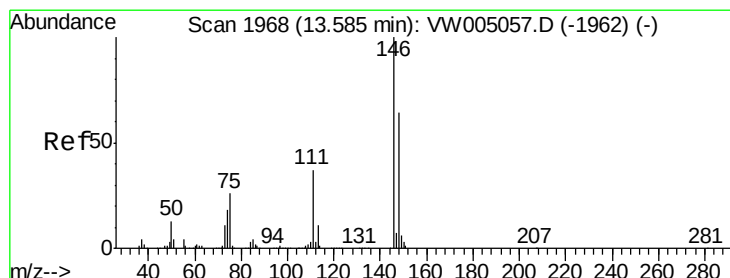
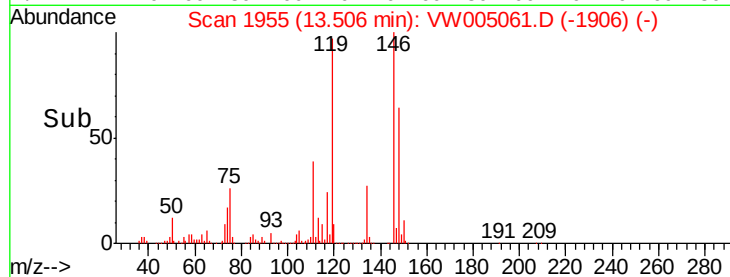
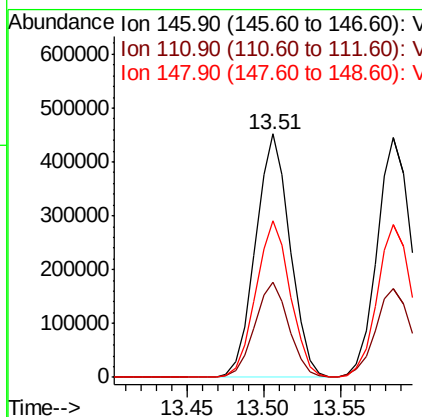
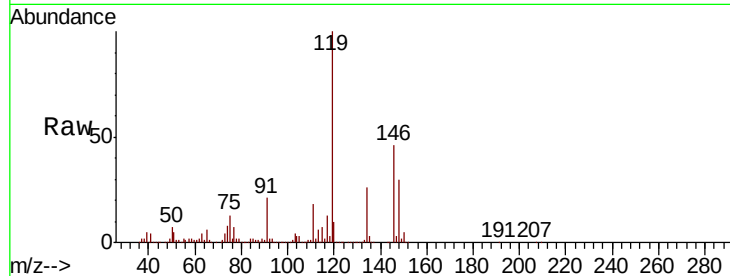
#87
 1,3-Dichlorobenzene
 Concen: 47.80 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.2	57.6
148	64.1	31.9	95.7

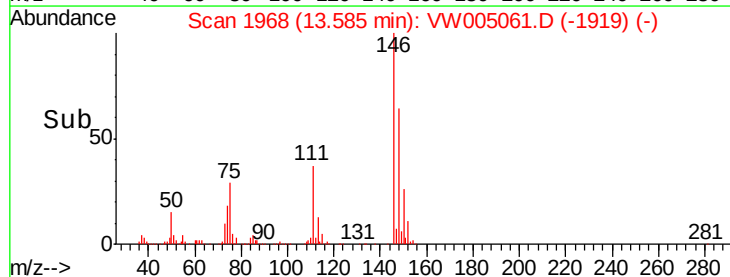
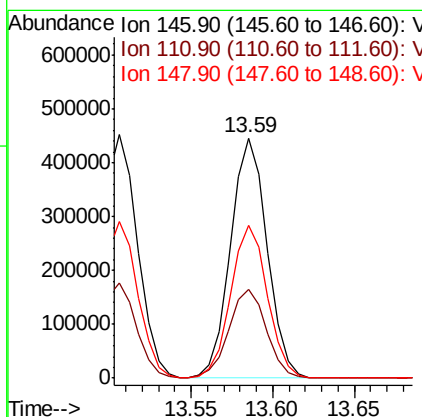
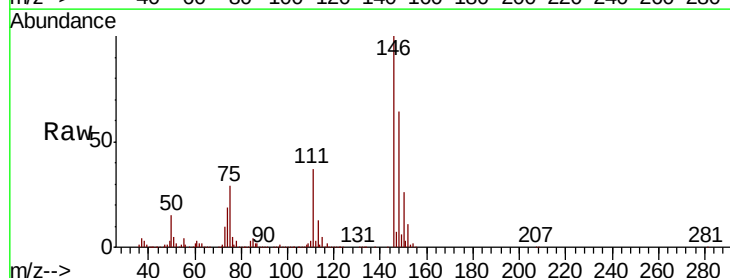
Manual Integrations
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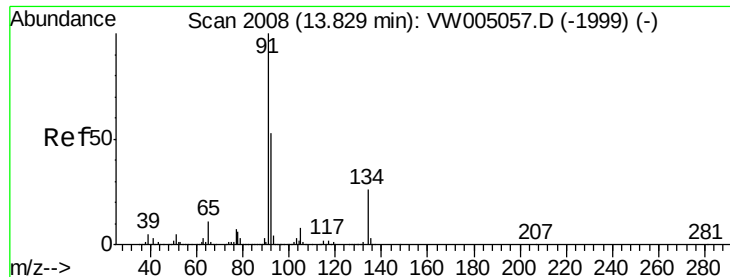
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 47.20 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	63.9	32.0	96.0





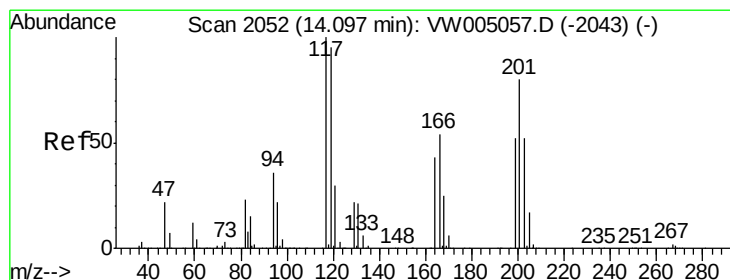
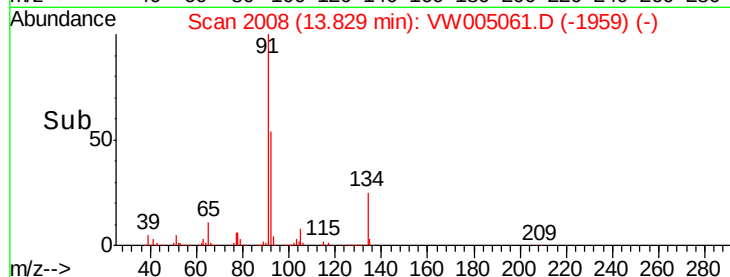
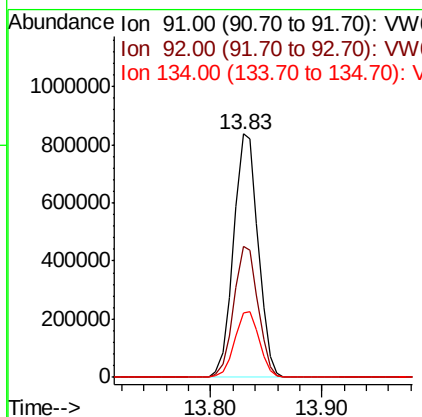
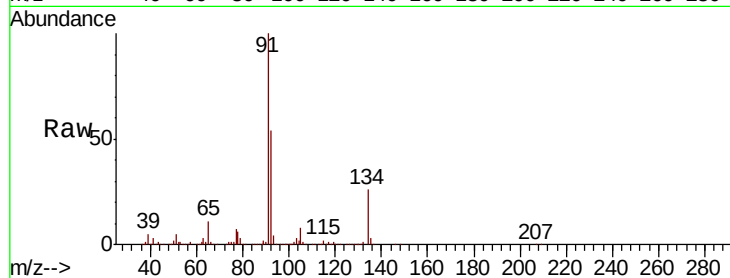
#89
n-Butylbenzene
Concen: 50.06 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampled :
ICVW090118

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	27.0	13.5	40.4

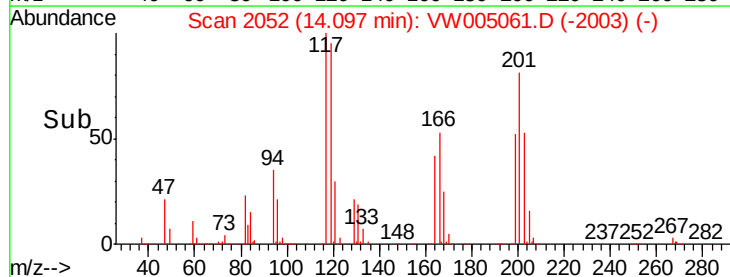
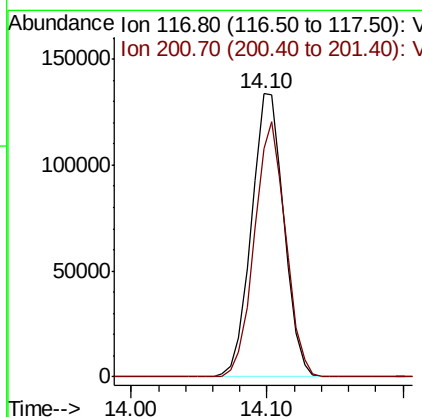
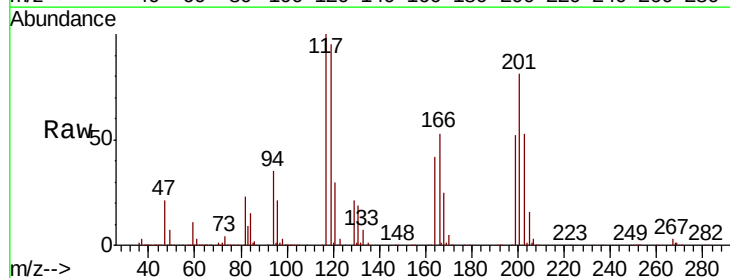
Manual Integrations
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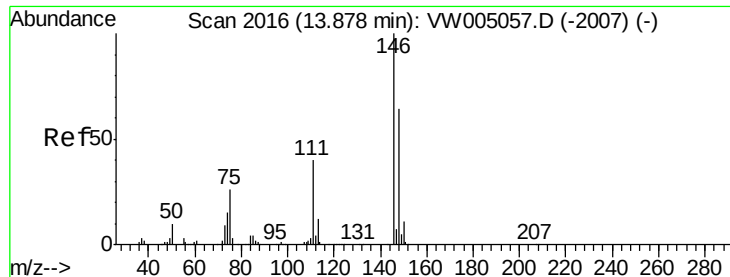
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#90
Hexachloroethane
Concen: 49.09 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	44.6	133.8





#91

1,2-Dichlorobenzene

Concen: 48.25 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

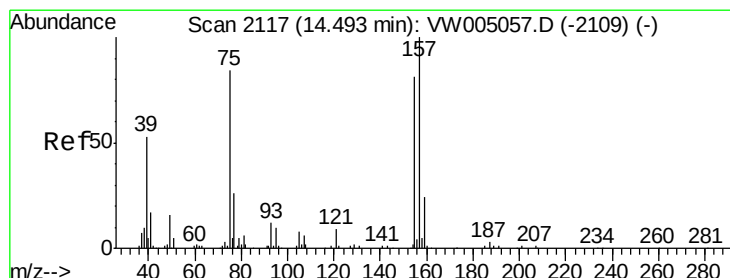
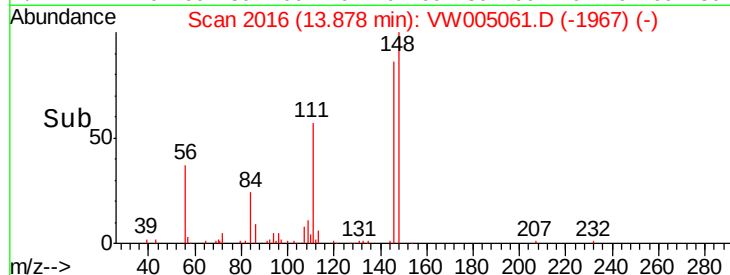
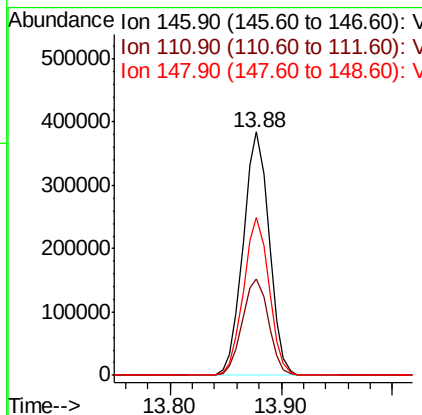
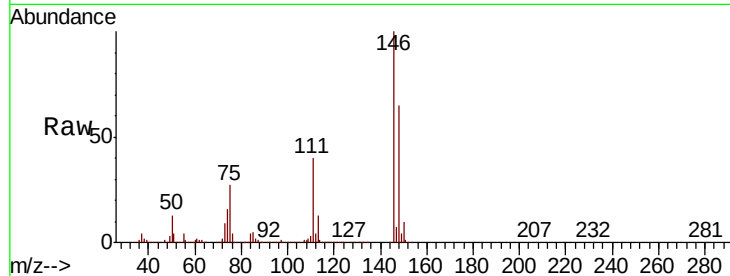
ClientSampled :

ICVW090118

Tot Ion:	146	Resp:	623461
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.9	59.7
148	63.8	31.9	95.9

Manual Integrations
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apatel
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.66 ug/l

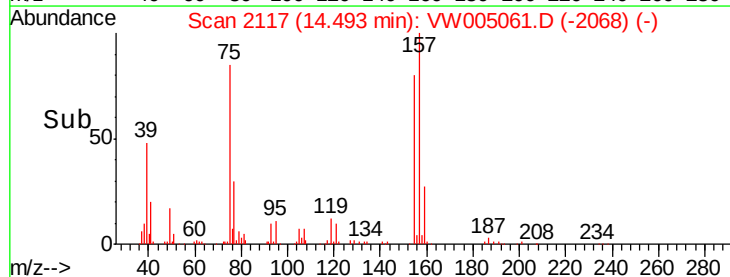
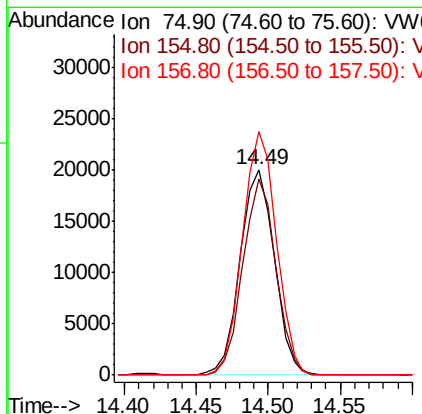
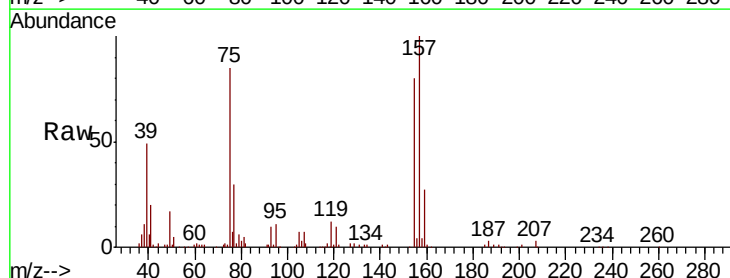
RT: 14.49 min Scan# 2117

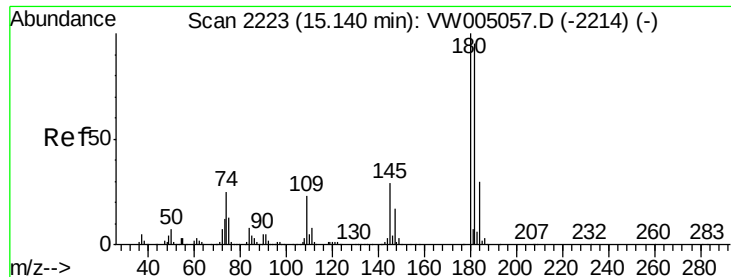
Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion:	75	Resp:	33211
Ion Ratio	Lower	Upper	
75	100		
155	91.4	46.0	137.8
157	116.8	58.6	175.7





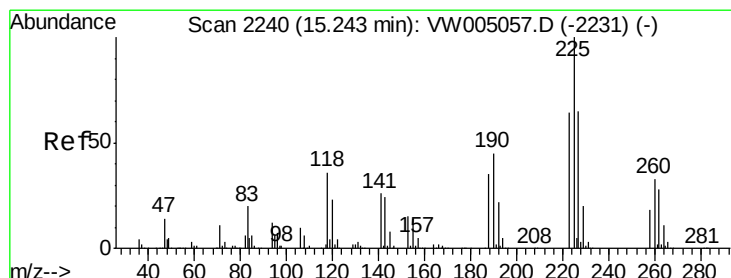
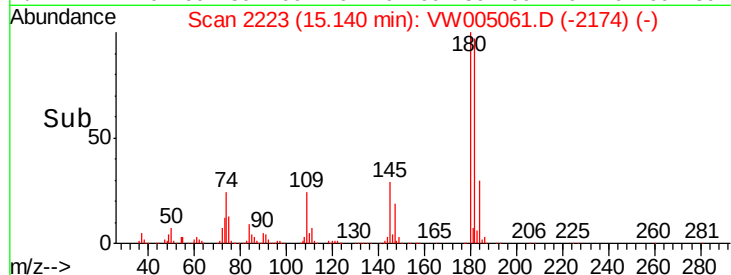
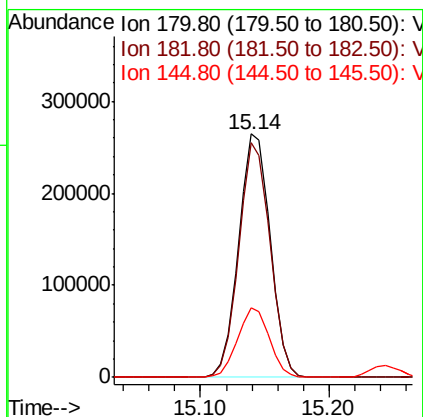
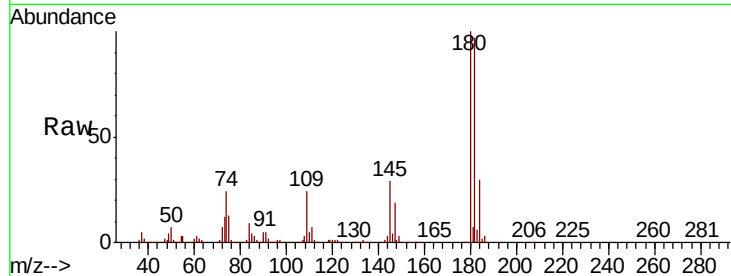
#93
 1,2,4-Trichlorobenzene
 Concen: 51.61 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tot Ion	Ratio	Resp	Lower	Upper
180	100	447141		
182	95.4	47.5	142.6	
145	28.7	14.4	43.2	

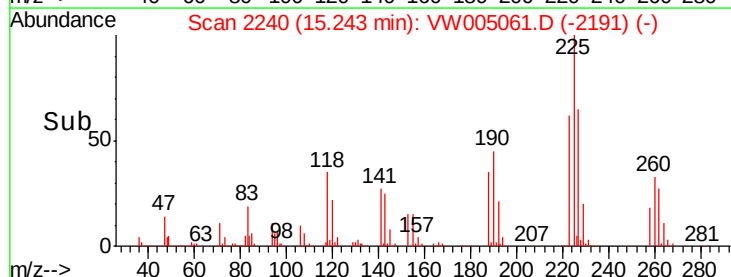
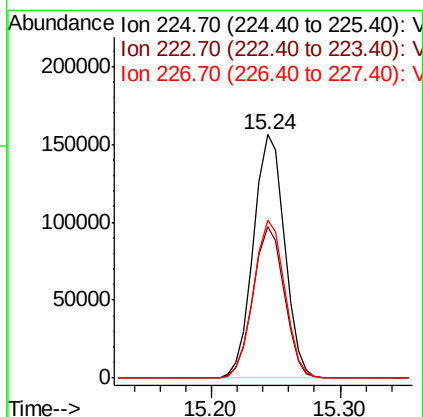
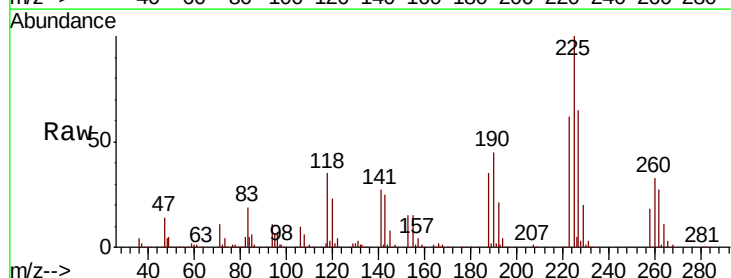
Manual Integrations
 APPROVED

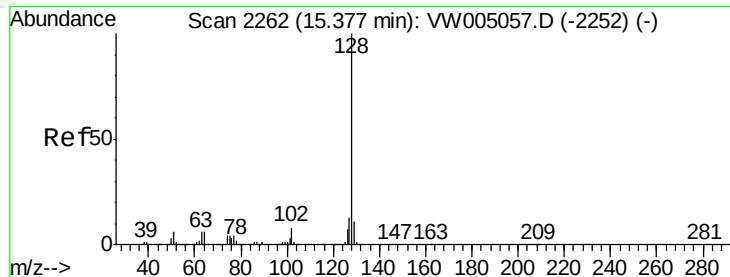
apatel
 9/4/2018 9:37:19 AM



#94
 Hexachlorobutadiene
 Concen: 48.48 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	261258		
223	62.3	31.4	94.3	
227	64.6	32.0	96.0	





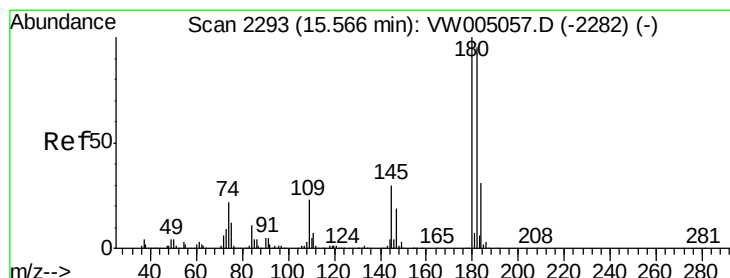
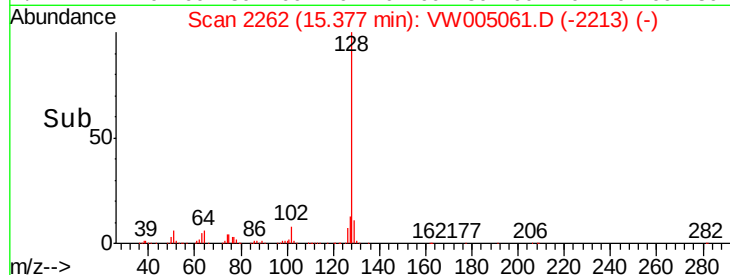
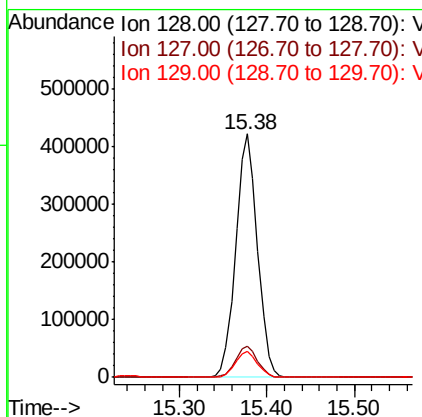
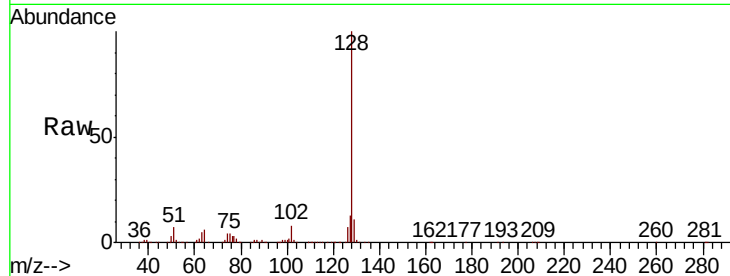
#95
Naphthalene
Concen: 48.65 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tot Ion	Ratio	Resp	Lower	Upper
128	100	726869		
127	13.1		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

apatel
9/4/2018 9:37:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.22 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	379828		
182	96.3		47.4	142.3
145	30.9		15.4	46.1

