

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005334.D
 Acq On : 12 Sep 2018 18:57
 Operator : SY/AP
 Sample : VW0912SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Manual Integrations
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 9/13/2018 2:18:05 PM

Quant Time: Sep 13 11:15:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	399510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	559680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	565845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	326731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	165355	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	7.89	113	164234	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
50) Toluene-d8	10.33	98	762859	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	288804	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	79443	23.05	ug/l	98
3) Chloromethane	2.21	50	103077	22.37	ug/l	96
4) Vinyl Chloride	2.36	62	90522	21.40	ug/l	94
5) Bromomethane	2.74	94	74361	27.65	ug/l	99
6) Chloroethane	2.90	64	50915	21.85	ug/l	99
7) Trichlorofluoromethane	3.25	101	104524	21.84	ug/l	97
8) Diethyl Ether	3.68	74	38607	22.64	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	71784	21.00	ug/l	99
10) Methyl Iodide	4.27	142	35242	11.07	ug/l	99
11) Tert butyl alcohol	5.17	59	32477	132.90	ug/l	97
12) 1,1-Dichloroethene	4.04	96	66288	21.06	ug/l	97
13) Acrolein	3.89	56	25165	106.61	ug/l	100
14) Allyl chloride	4.67	41	96096	19.87	ug/l	99
15) Acrylonitrile	5.37	53	94832	123.26	ug/l	98
16) Acetone	4.12	43	69329	125.35	ug/l	96
17) Carbon Disulfide	4.37	76	239519	21.68	ug/l	99
18) Methyl Acetate	4.68	43	38538	23.34	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	174067	23.22	ug/l	98
20) Methylene Chloride	4.92	84	101401	22.88	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	77061	20.97	ug/l	98
22) Diisopropyl ether	6.32	45	215409	22.13	ug/l	95
23) Vinyl Acetate	6.26	43	614138	113.20	ug/l	97
24) 1,1-Dichloroethane	6.22	63	130873	21.84	ug/l	99
25) 2-Butanone	7.18	43	110179	126.29	ug/l	98
26) 2,2-Dichloropropane	7.17	77	101490	19.53	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	85498	21.74	ug/l	98
28) Bromochloromethane	7.52	49	48349	21.87	ug/l	96
29) Tetrahydrofuran	7.54	42	71146	121.01	ug/l	98
30) Chloroform	7.68	83	132164	21.98	ug/l	99
31) Cyclohexane	7.96	56	127078	19.93	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	112540	20.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	109403	21.34	ug/l	99
37) Ethyl Acetate	7.26	43	47680	24.45	ug/l	98
38) Carbon Tetrachloride	8.07	117	101865	21.21	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	133110	19.55	ug/l	98
40) Benzene	8.33	78	331622	21.95	ug/l	100
41) Methacrylonitrile	7.49	41	26215	26.20	ug/l	96
42) 1,2-Dichloroethane	8.40	62	84121	23.28	ug/l	100
43) Isopropyl Acetate	8.43	43	88099	24.32	ug/l	99
44) Trichloroethene	9.10	130	91060	21.97	ug/l	98
45) 1,2-Dichloropropane	9.37	63	81785	22.52	ug/l	98
46) Dibromomethane	9.46	93	40851	22.98	ug/l	98
47) Bromodichloromethane	9.65	83	95962	22.07	ug/l	97
48) Methyl methacrylate	9.45	41	41661	22.15	ug/l #	89
49) 1,4-Dioxane	9.45	88	16028	483.01	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	247312	121.34	ug/l	100
52) Toluene	10.39	92	234452	21.35	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	102312	21.77	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	121779	21.64	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	65186	23.00	ug/l	98
56) Ethyl methacrylate	10.65	69	80776	22.48	ug/l	97
57) 1,3-Dichloropropane	10.94	76	107906	22.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	177781	113.85	ug/l	100
59) 2-Hexanone	10.98	43	176199	119.92	ug/l	100
60) Dibromochloromethane	11.13	129	73297	23.31	ug/l	98
61) 1,2-Dibromoethane	11.24	107	60672	23.35	ug/l	100
64) Tetrachloroethene	10.87	164	90828	21.64	ug/l	98
65) Chlorobenzene	11.66	112	264733	21.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	79750	21.55	ug/l	100
67) Ethyl Benzene	11.74	91	443058	20.52	ug/l	100
68) m/p-Xylenes	11.85	106	367101	42.20	ug/l	98
69) o-Xylene	12.17	106	169637	20.96	ug/l	99
70) Styrene	12.19	104	288980	21.88	ug/l	99
71) Bromoform	12.35	173	46905	23.37	ug/l #	97
73) Isopropylbenzene	12.47	105	451583	19.56	ug/l	99
74) N-amyl acetate	12.28	43	94567	21.53	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	77648	22.38	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52089m	20.73	ug/l	
77) Bromobenzene	12.75	156	116367	21.40	ug/l	98
78) n-propylbenzene	12.81	91	557857	20.12	ug/l	99
79) 2-Chlorotoluene	12.90	91	321147	20.20	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	397478	20.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	21645	20.20	ug/l	96
82) 4-Chlorotoluene	12.99	91	343907	20.58	ug/l	100
83) tert-Butylbenzene	13.21	119	333977	19.43	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	406358	20.57	ug/l	99
85) sec-Butylbenzene	13.39	105	491006	19.87	ug/l	99
86) p-Isopropyltoluene	13.51	119	439194	20.08	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	235143	20.59	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	235150	20.96	ug/l	100
89) n-Butylbenzene	13.83	91	393296	19.13	ug/l	99
90) Hexachloroethane	14.10	117	68737	19.61	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	216152	21.53	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13070	22.65	ug/l	97

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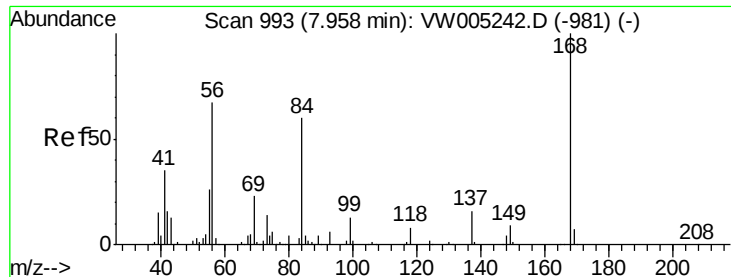
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	142021	20.00	ug/l	99
94) Hexachlorobutadiene	15.24	225	90646	19.94	ug/l	99
95) Naphthalene	15.38	128	244234	21.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	128668	21.06	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion:168 Resp: 399510

Ion Ratio Lower Upper

168 100

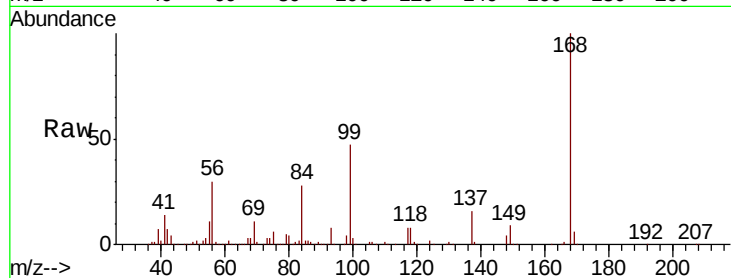
99 46.6 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

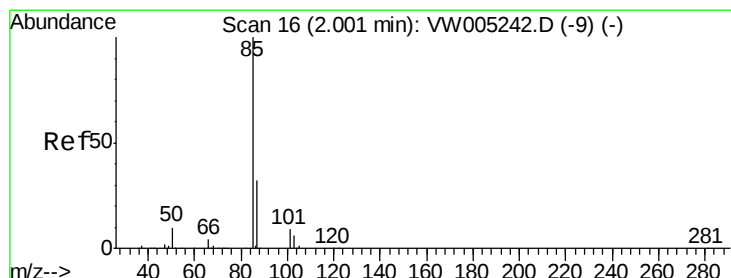
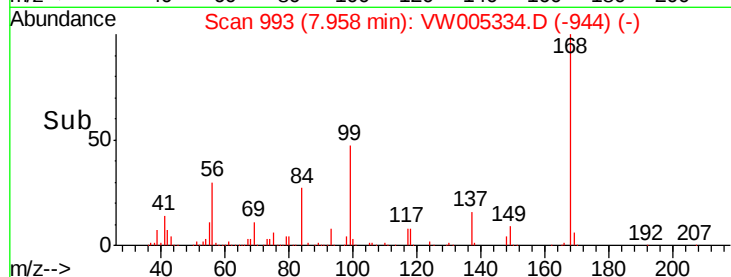
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.05 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005334.D

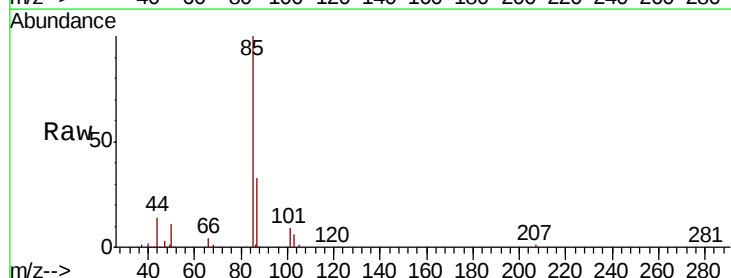
Acq: 12 Sep 2018 18:57

Tgt Ion: 85 Resp: 79443

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

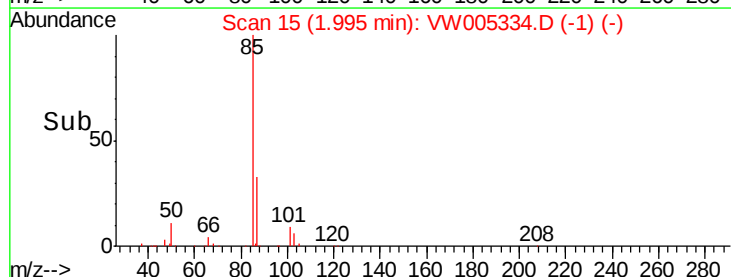
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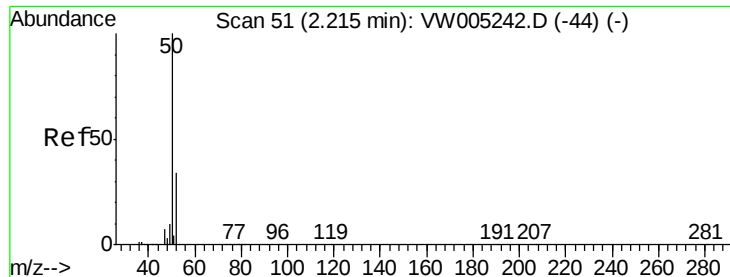
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 22.37 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 50 Resp: 103077

Ion Ratio Lower Upper

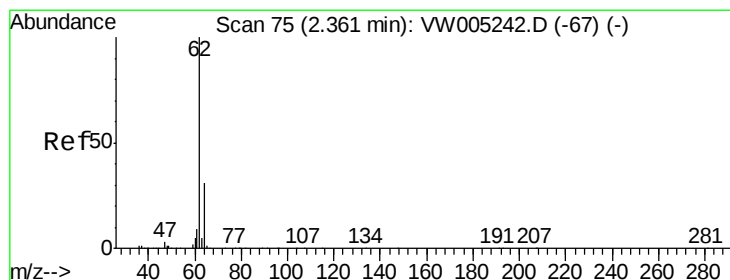
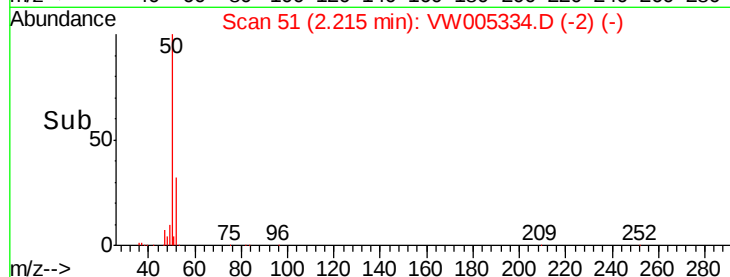
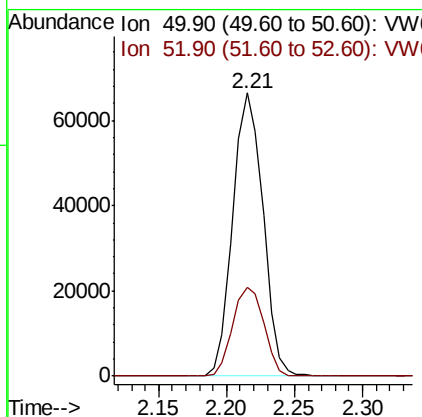
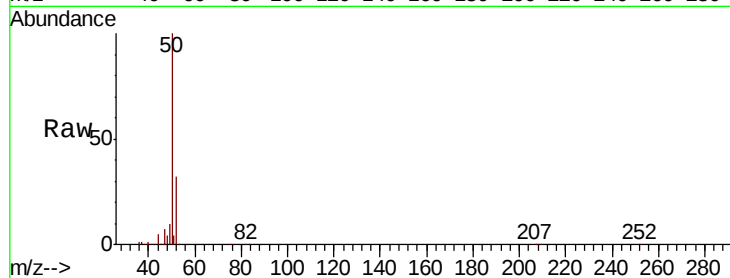
50 100

52 31.6 27.0 40.4

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#4

Vinyl Chloride

Concen: 21.40 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005334.D

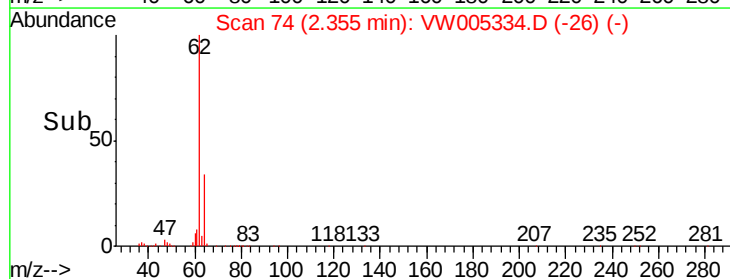
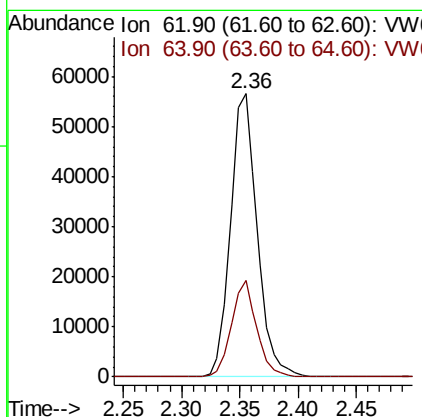
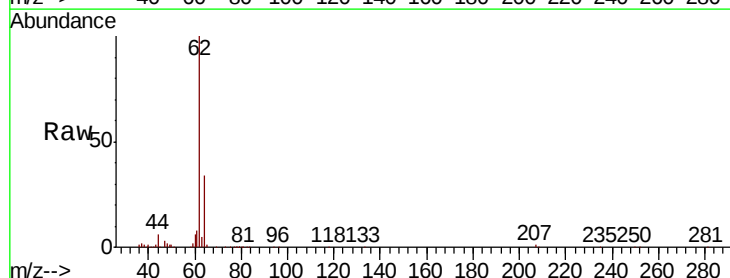
Acq: 12 Sep 2018 18:57

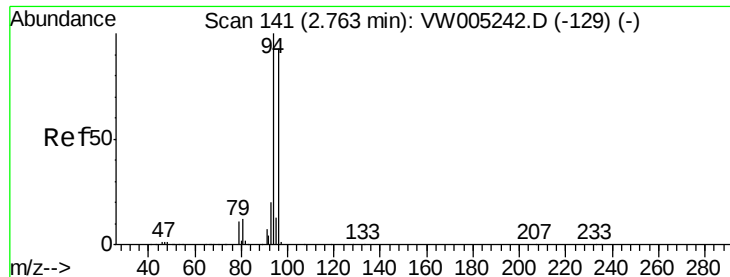
Tgt Ion: 62 Resp: 90522

Ion Ratio Lower Upper

62 100

64 34.0 24.6 37.0





#5

Bromomethane

Concen: 27.65 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 94 Resp: 74361

Ion Ratio Lower Upper

94 100

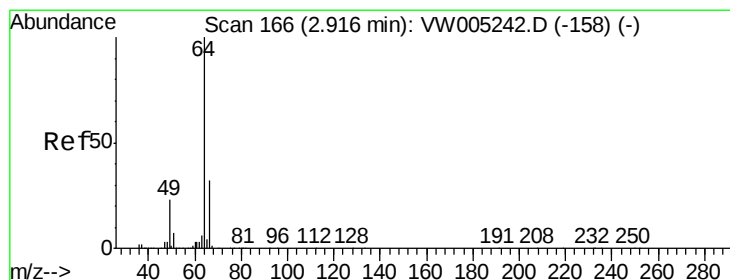
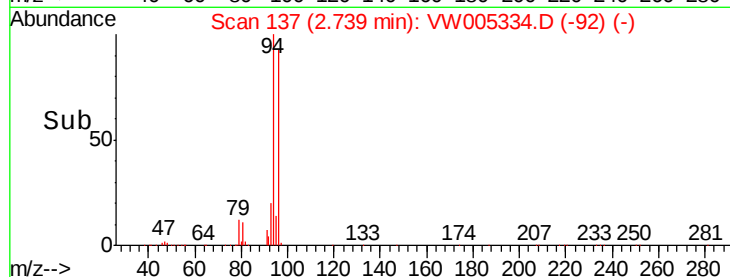
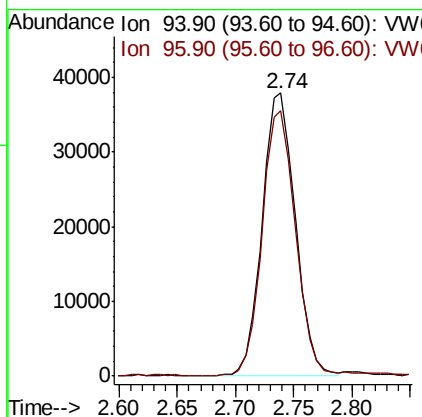
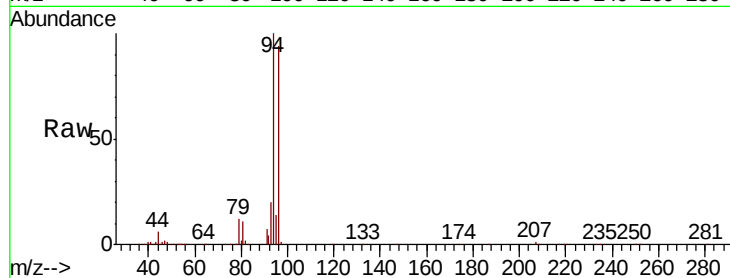
96 93.5 74.1 111.1

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#6

Chloroethane

Concen: 21.85 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW005334.D

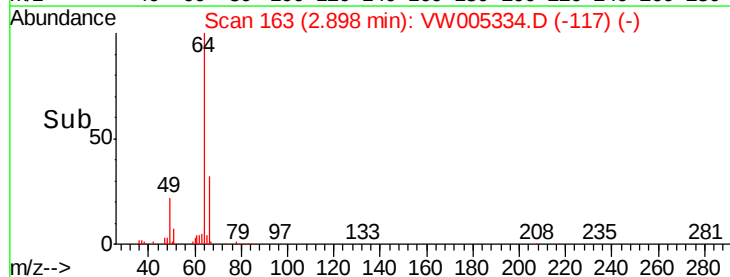
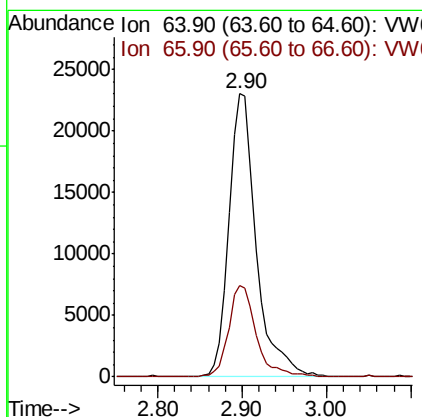
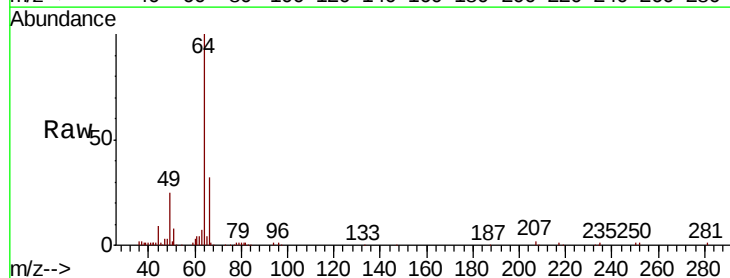
Acq: 12 Sep 2018 18:57

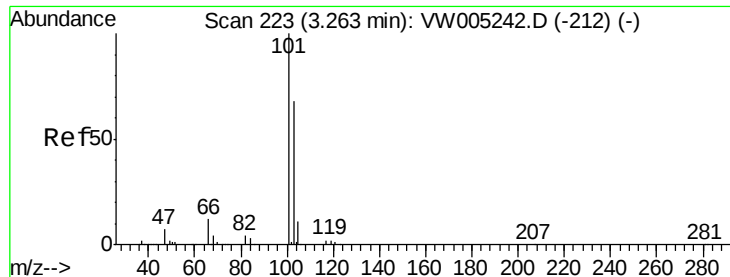
Tgt Ion: 64 Resp: 50915

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9





#7

Trichlorofluoromethane

Concen: 21.84 ug/l

RT: 3.25 min Scan# 220

Delta R.T. -0.02 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

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ClientSampleId :

VW0912SBSD01

Tot Ion:101 Resp: 104524

Ion Ratio Lower Upper

101 100

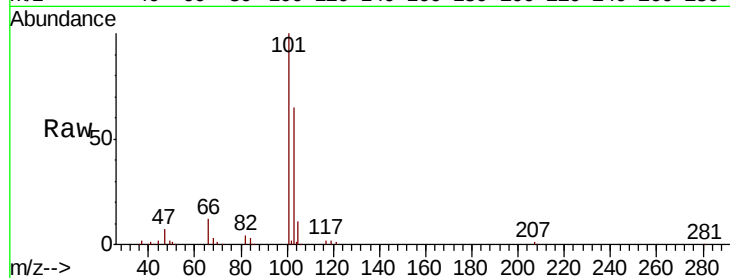
103 65.3 54.1 81.1

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.25

40000

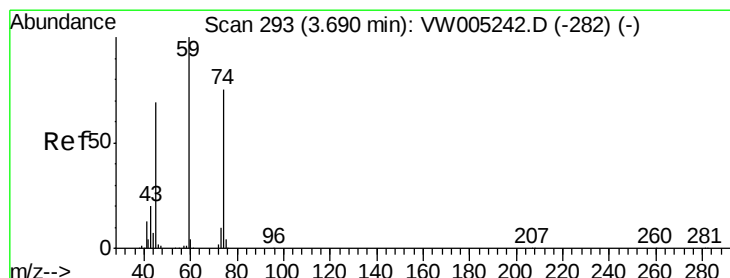
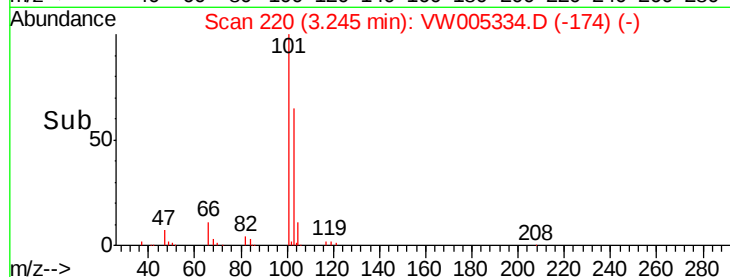
30000

20000

10000

0

Time-->



#8

Diethyl Ether

Concen: 22.64 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW005334.D

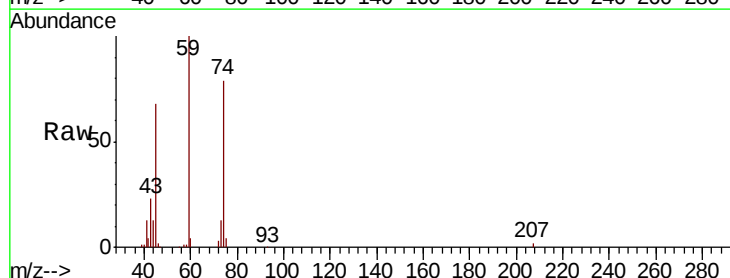
Acq: 12 Sep 2018 18:57

Tgt Ion: 74 Resp: 38607

Ion Ratio Lower Upper

74 100

45 90.0 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

20000

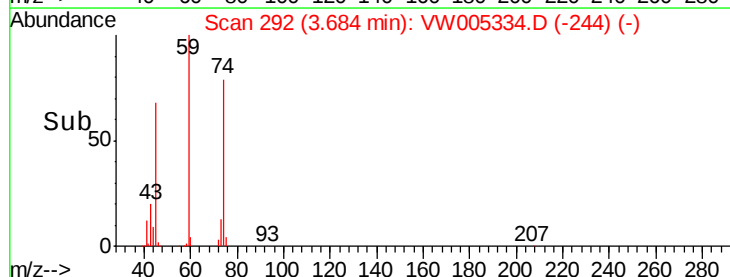
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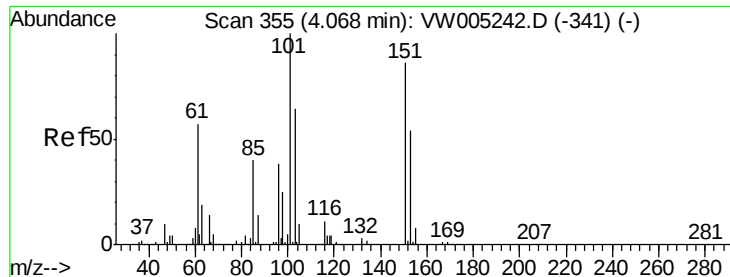
10000

5000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.00 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

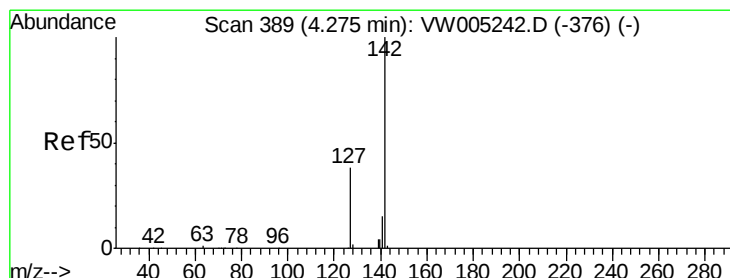
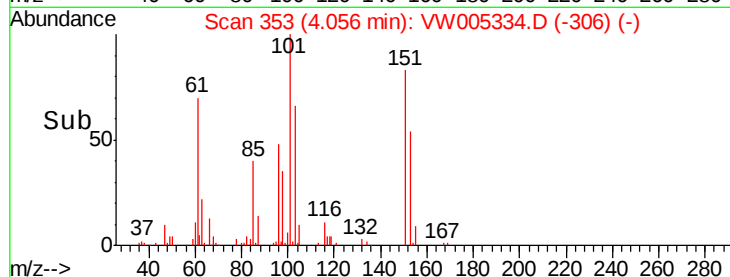
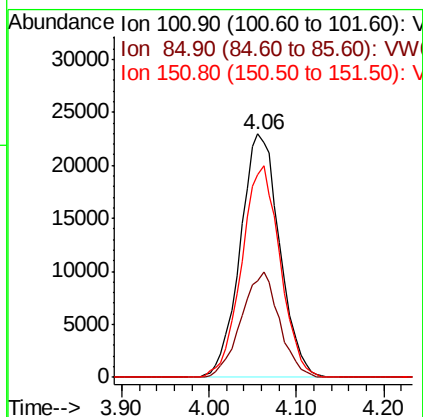
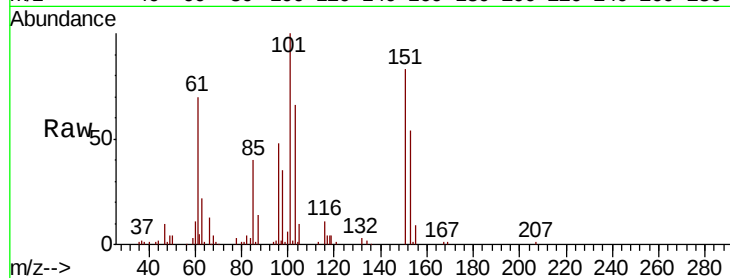
ClientSampleId :

VW0912SBSD01

Tot Ion:	101	Resp:	71784
Ion Ratio	Lower	Upper	
101	100		
85	41.8	32.7	49.1
151	84.8	67.6	101.4

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#10

Methyl Iodide

Concen: 11.07 ug/l

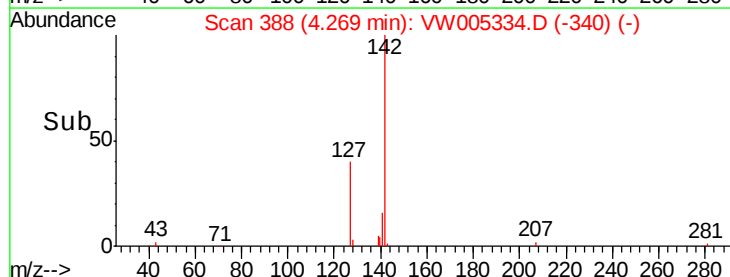
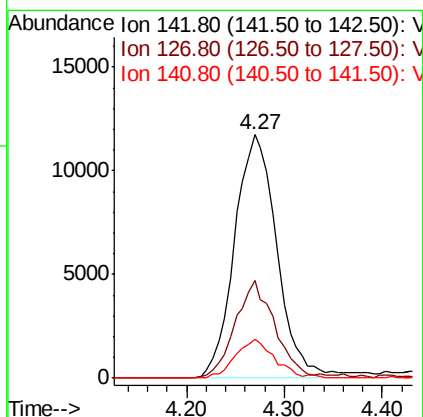
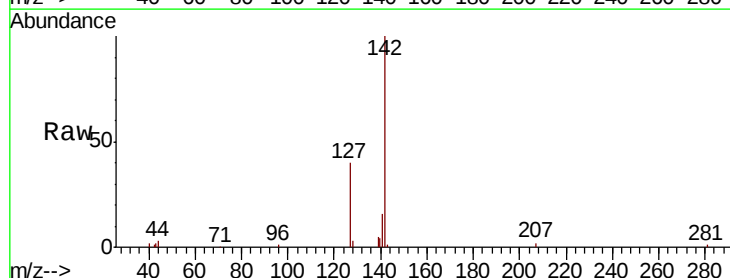
RT: 4.27 min Scan# 388

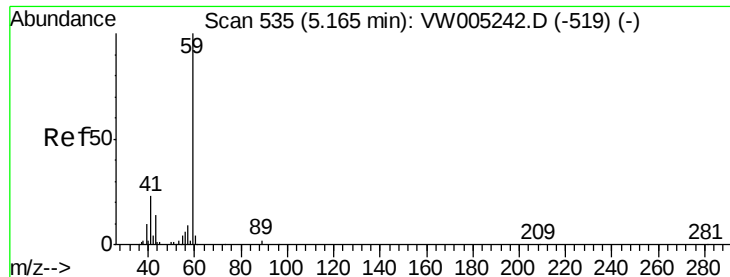
Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Tgt Ion:	142	Resp:	35242
Ion Ratio	Lower	Upper	
142	100		
127	37.7	30.3	45.5
141	14.9	11.4	17.0





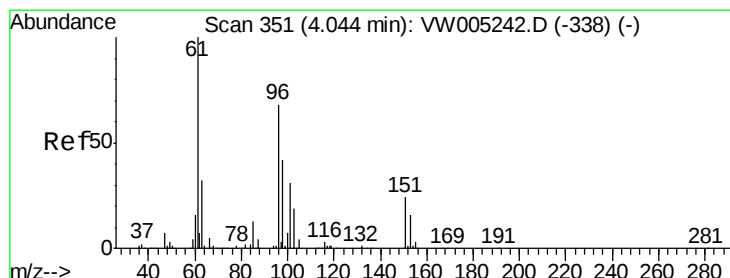
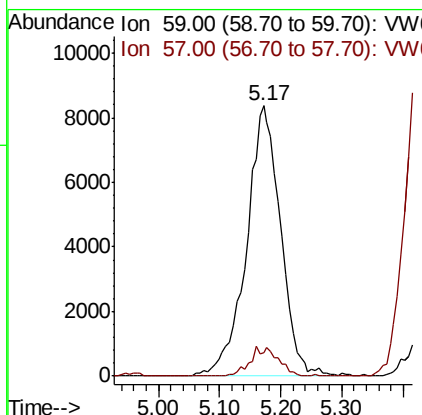
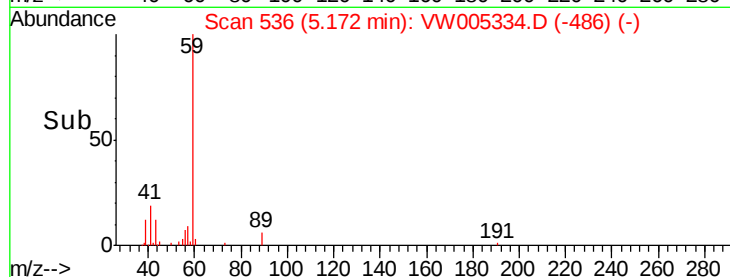
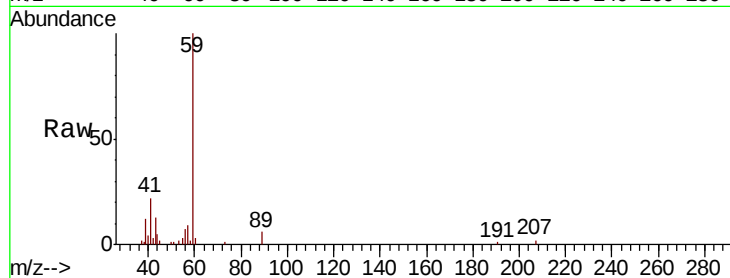
#11
Tert butyl alcohol
Concen: 132.90 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleID :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.1	12.1

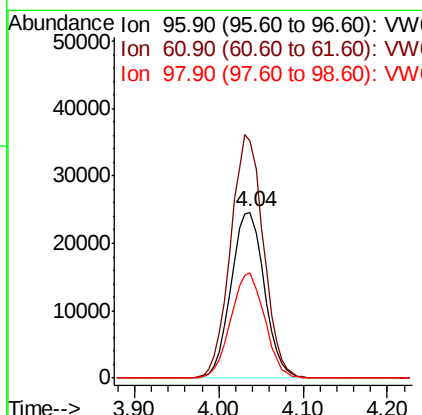
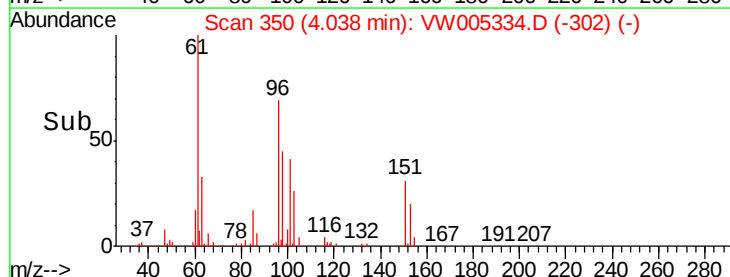
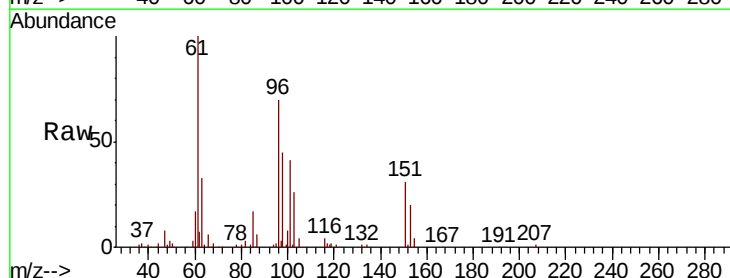
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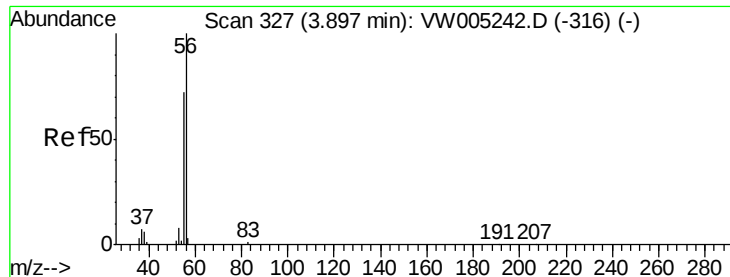
apatel
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#12
1,1-Dichloroethene
Concen: 21.06 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.3	118.2	177.2
98	63.9	49.9	74.9





#13

Acrolein

Concen: 106.61 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 56 Resp: 25165

Ion Ratio Lower Upper

56 100

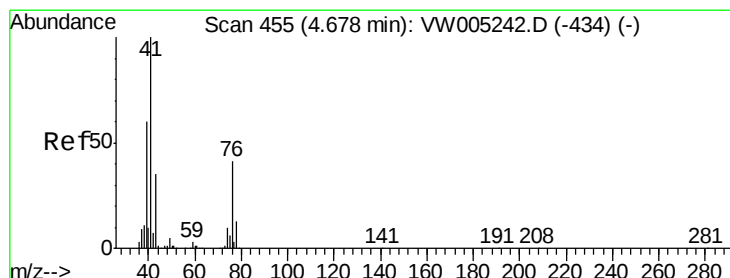
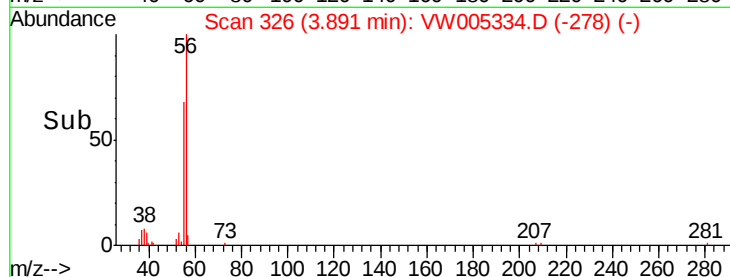
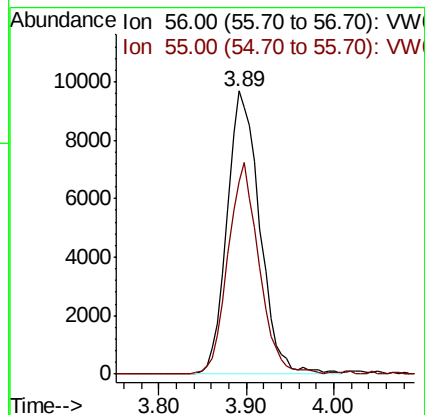
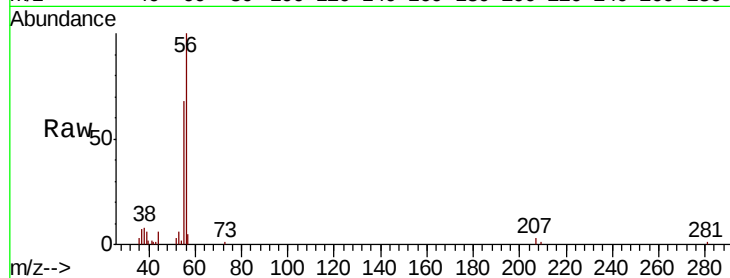
55 71.0 56.8 85.2

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#14

Allyl chloride

Concen: 19.87 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

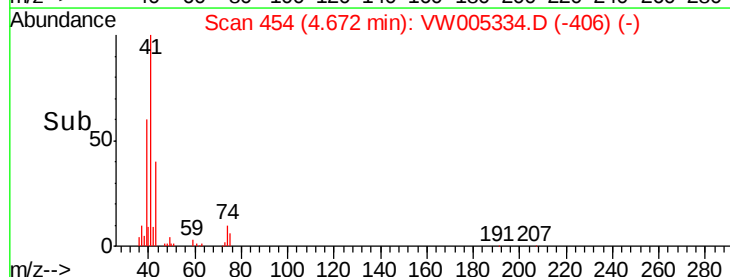
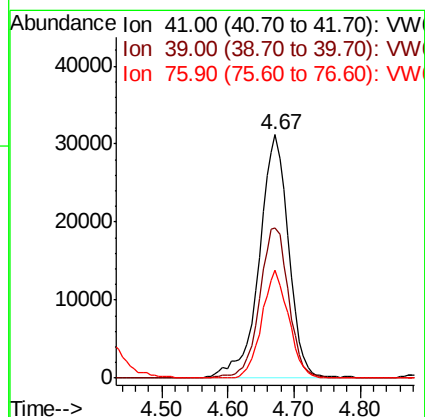
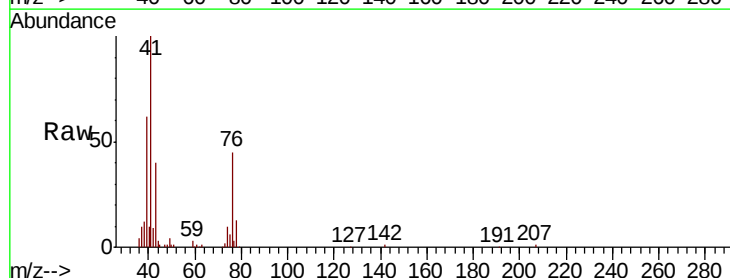
Tgt Ion: 41 Resp: 96096

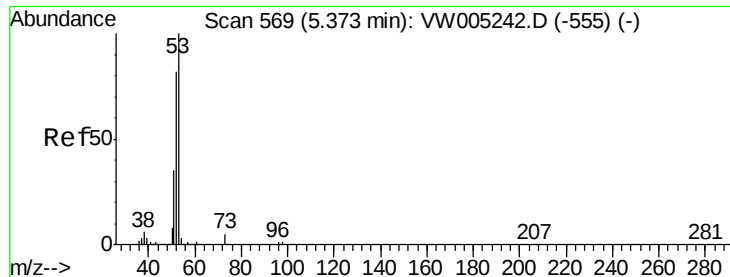
Ion Ratio Lower Upper

41 100

39 61.3 48.2 72.4

76 40.5 31.7 47.5





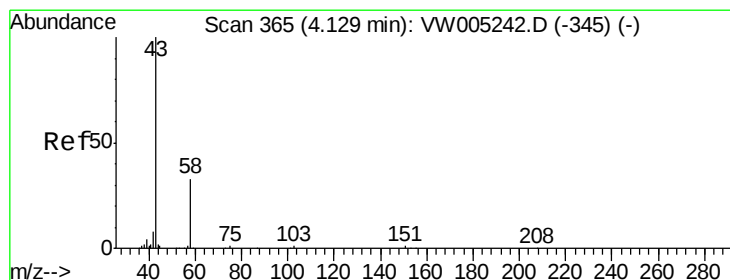
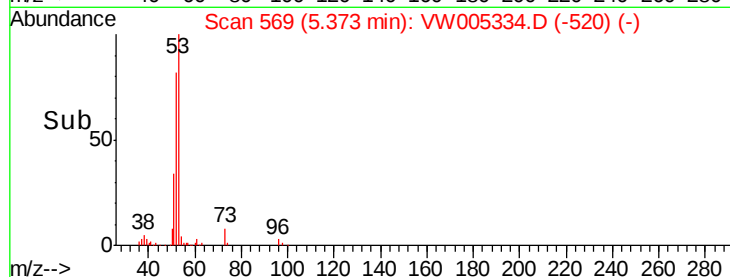
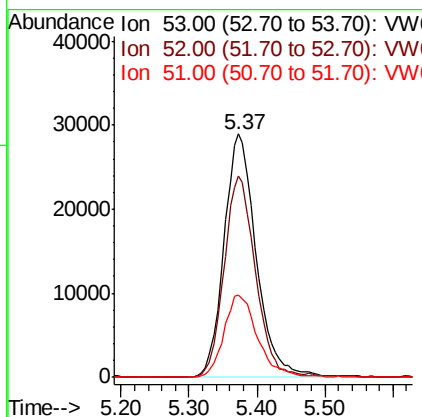
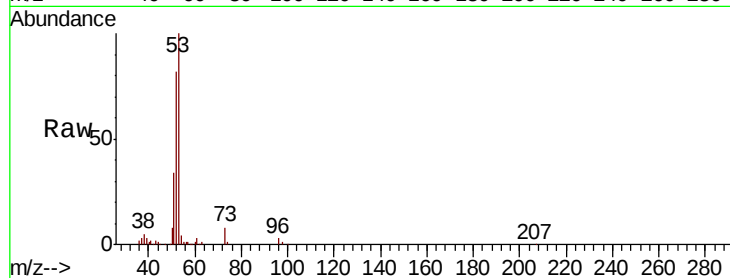
#15
 Acrylonitrile
 Concen: 123.26 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion:	53	Resp:	94832
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.0	99.0
51	35.6	28.6	43.0

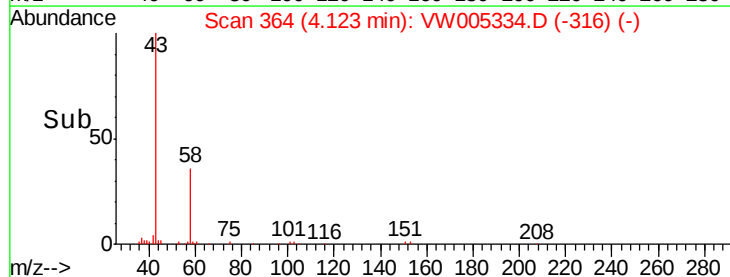
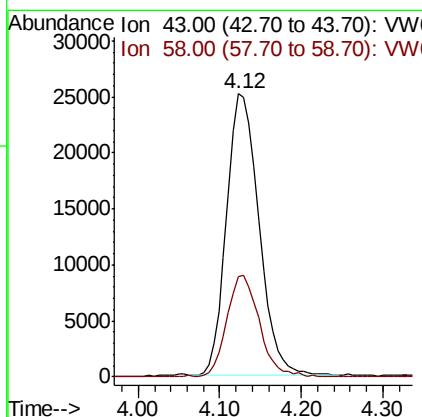
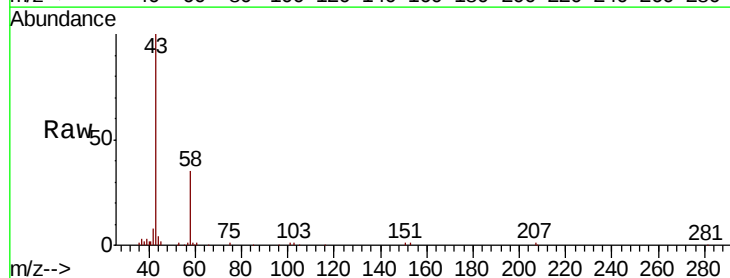
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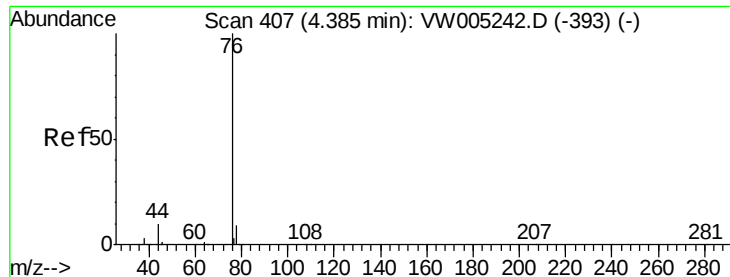
apatel
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#16
 Acetone
 Concen: 125.35 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion:	43	Resp:	69329
Ion	Ratio	Lower	Upper
43	100		
58	35.5	26.7	40.1





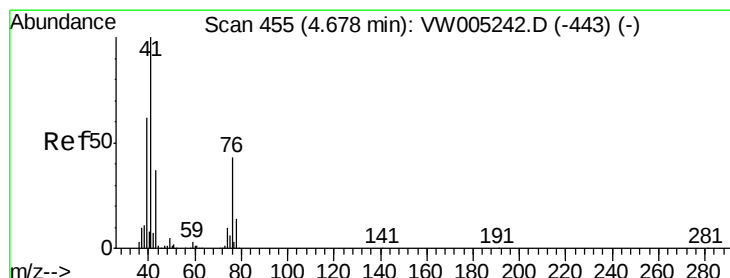
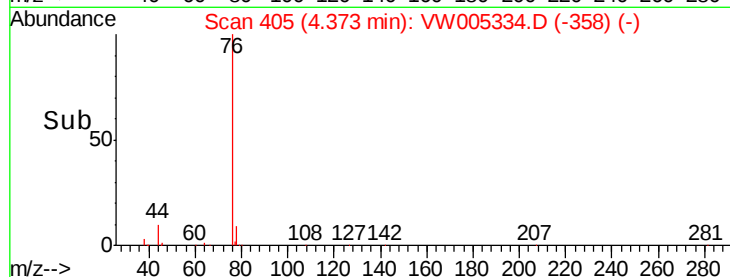
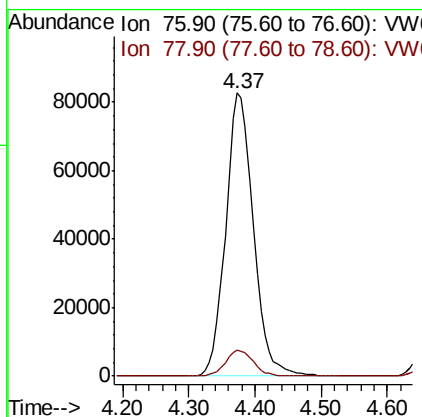
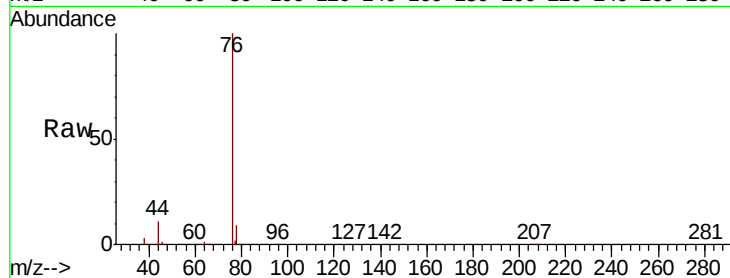
#17
Carbon Disulfide
Concen: 21.68 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

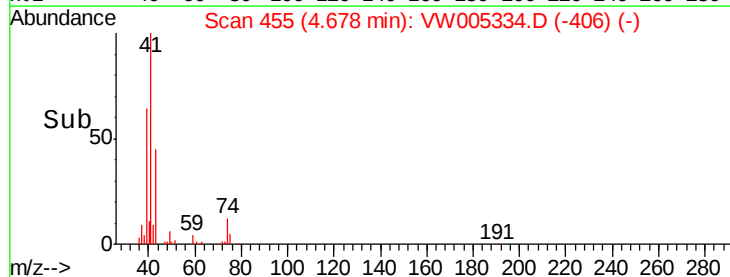
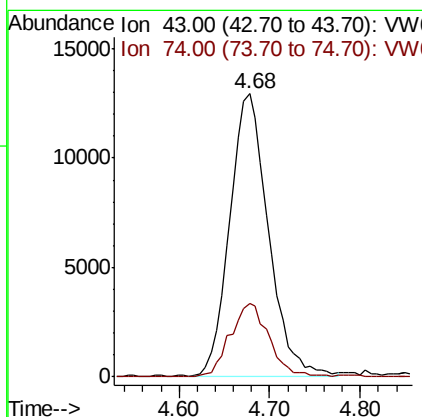
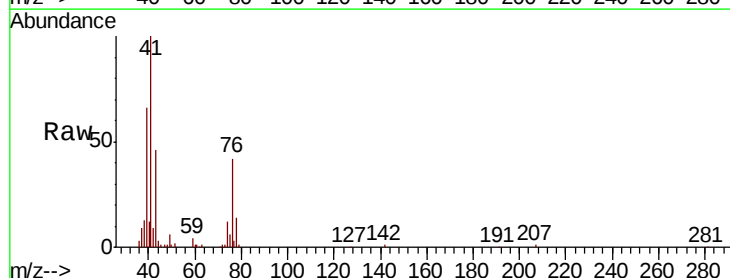
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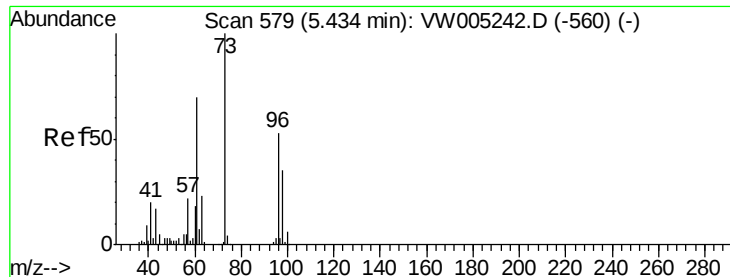
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#18
Methyl Acetate
Concen: 23.34 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.4	32.2





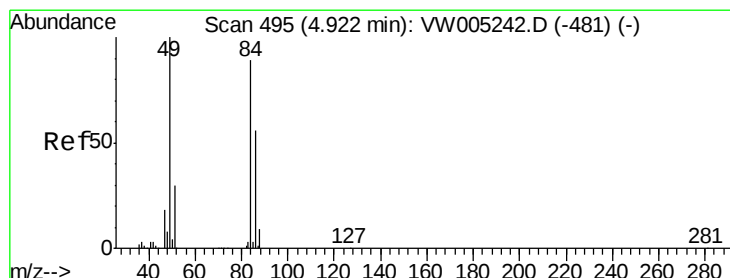
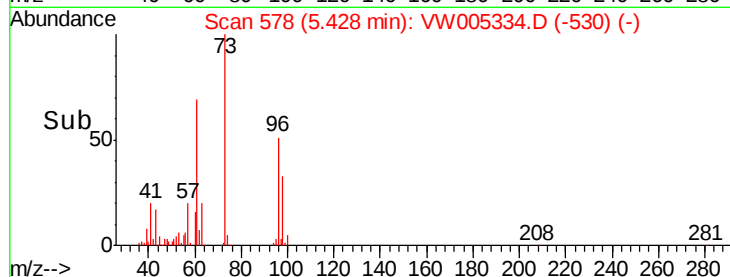
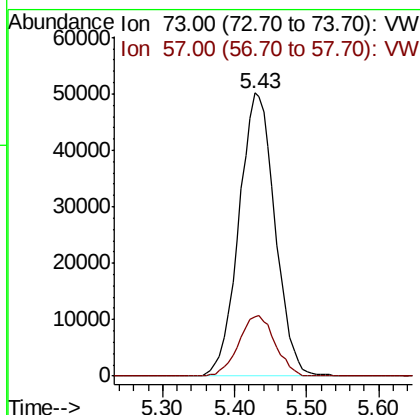
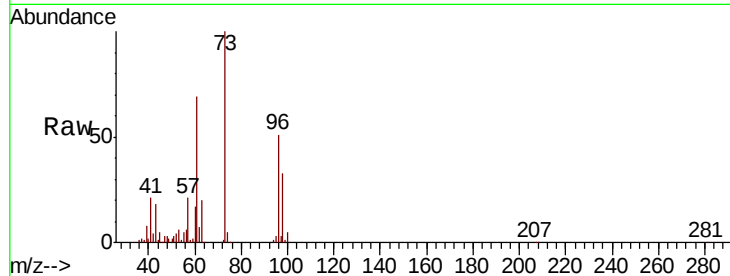
#19
Methyl tert-butyl Ether
Concen: 23.22 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

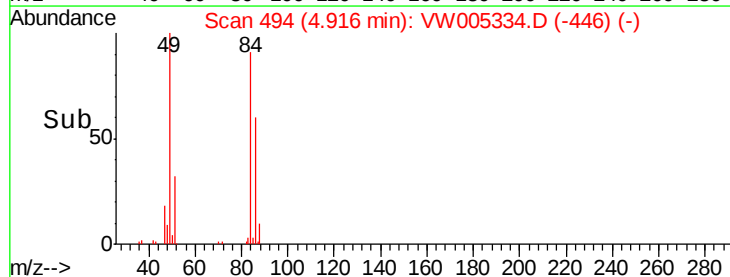
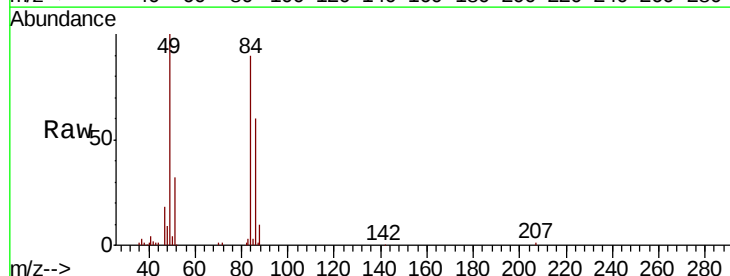
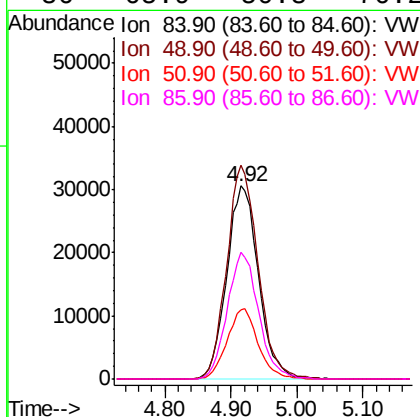
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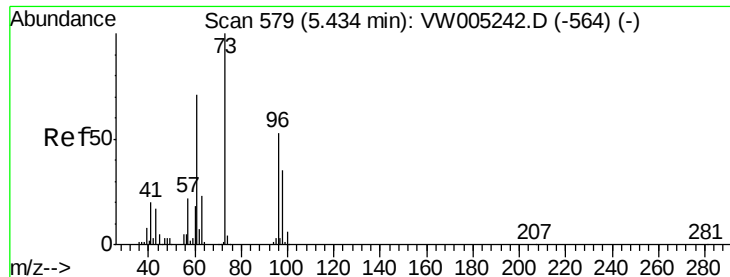
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#20
Methylene Chloride
Concen: 22.88 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.6	90.3	135.5
51	35.6	26.9	40.3
86	65.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 20.97 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

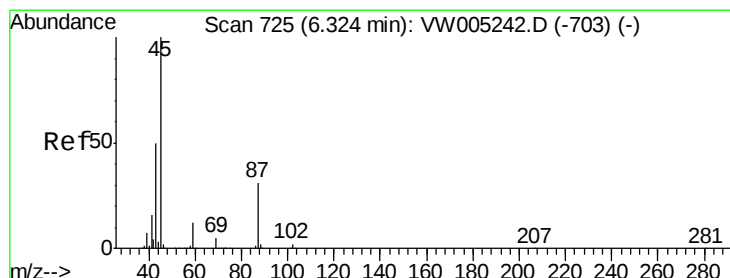
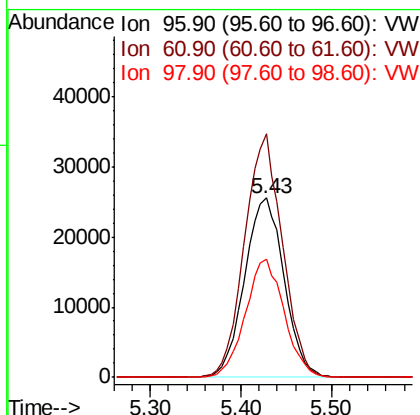
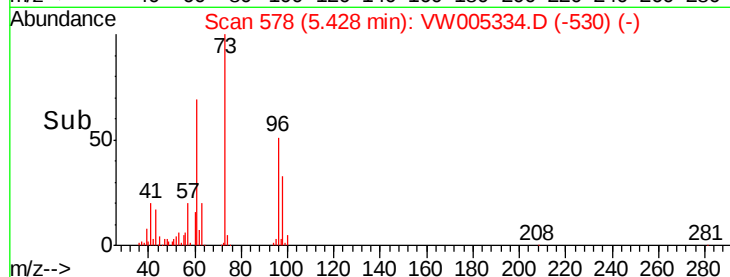
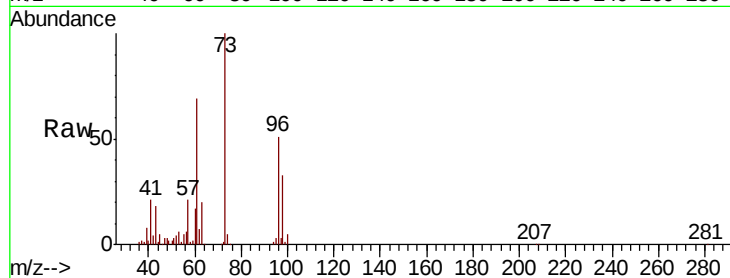
ClientSampleId :

VW0912SBSD01

Tot Ion:	96	Resp:	77061
Ion	Ratio	Lower	Upper
96	100		
61	136.0	105.7	158.5
98	65.7	52.8	79.2

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#22

Diisopropyl ether

Concen: 22.13 ug/l

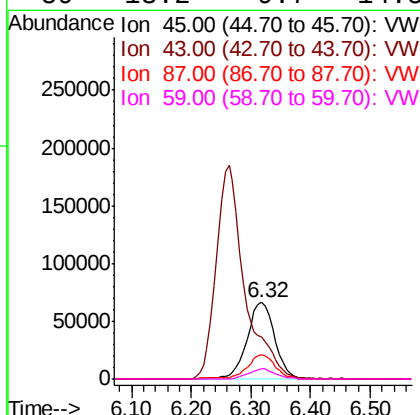
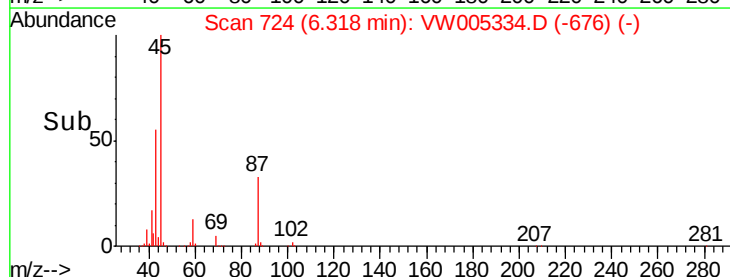
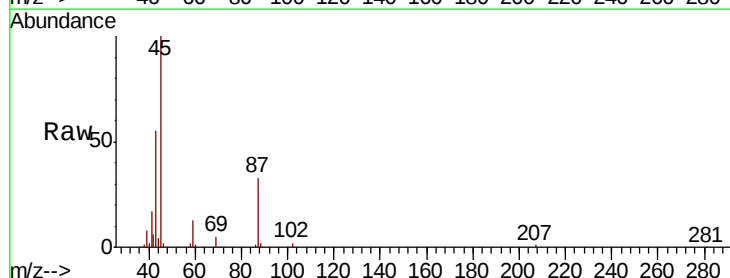
RT: 6.32 min Scan# 724

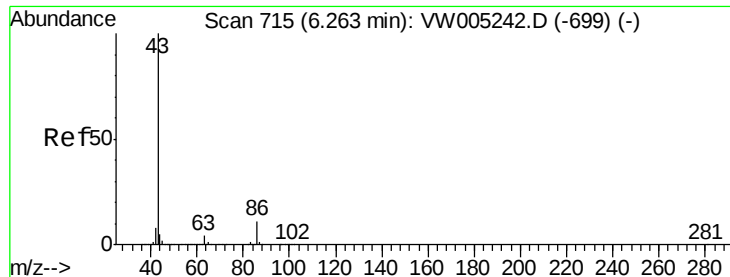
Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Tgt Ion:	45	Resp:	215409
Ion	Ratio	Lower	Upper
45	100		
43	54.7	39.6	59.4
87	32.4	24.7	37.1
59	13.2	9.7	14.5





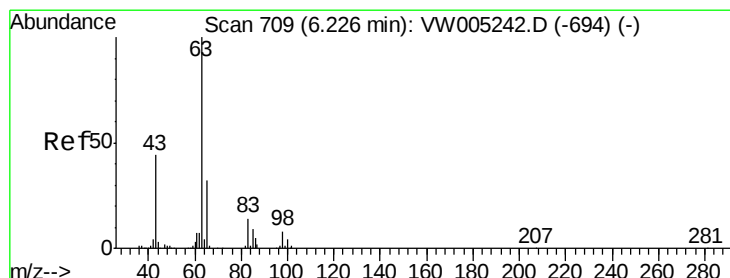
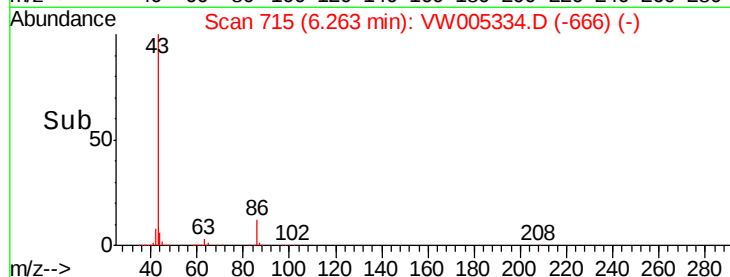
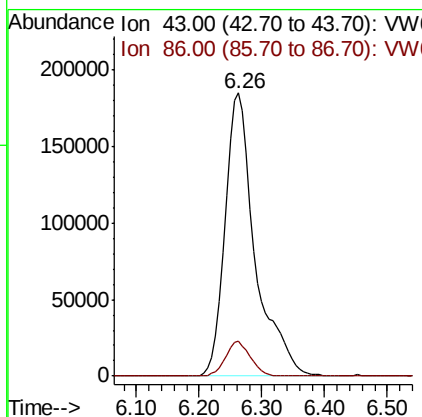
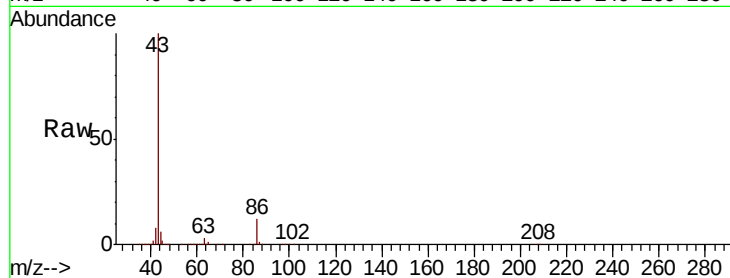
#23
 Vinyl Acetate
 Concen: 113.20 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	43	Resp	614138
Ion Ratio	Lower	Upper	
43	100		
86	12.3	8.9	13.3

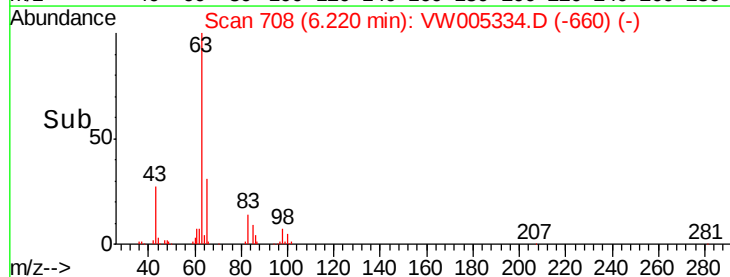
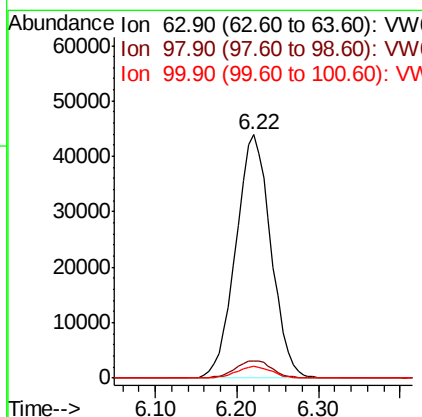
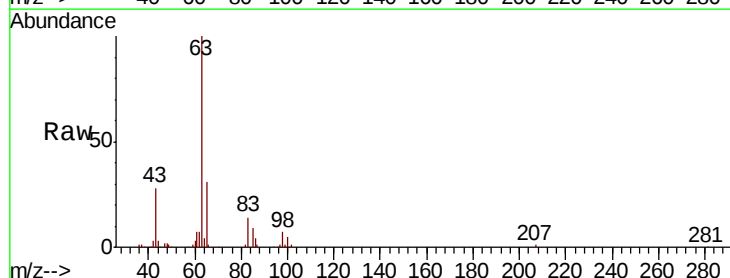
Manual Integrations
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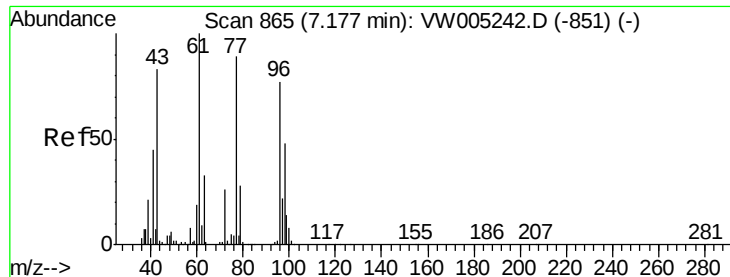
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#24
 1,1-Dichloroethane
 Concen: 21.84 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion	63	Resp	130873
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.8	11.4
100	4.8	2.2	6.6





#25

2-Butanone

Concen: 126.29 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 43 Resp: 110179

Ion Ratio Lower Upper

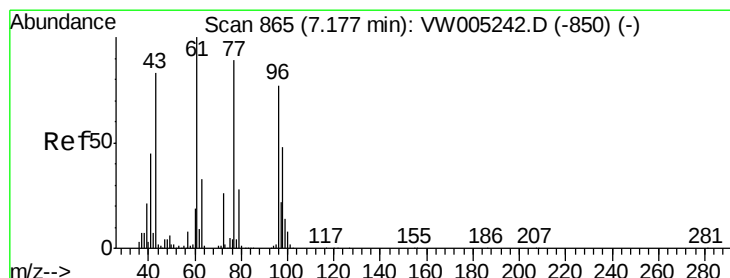
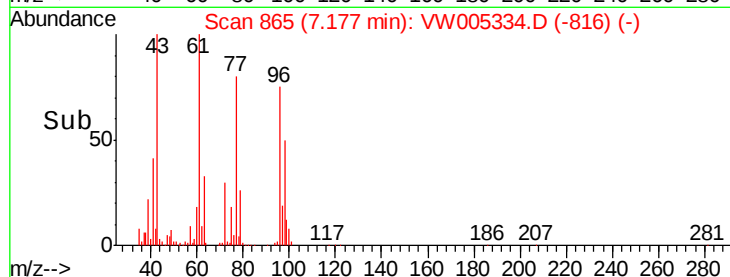
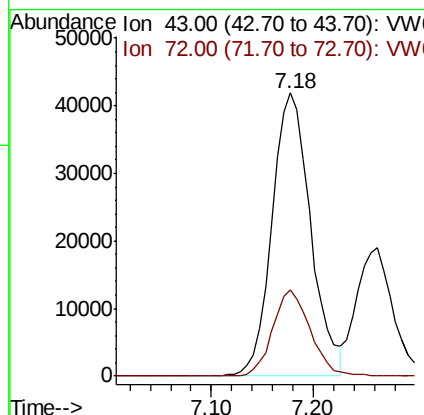
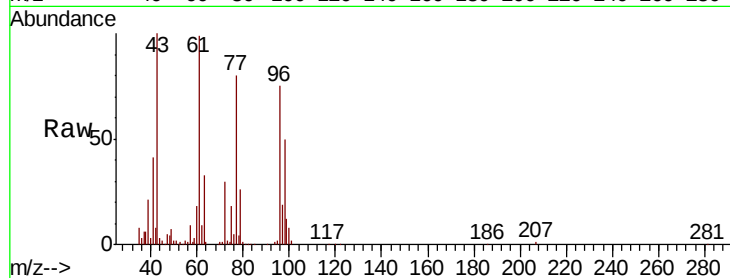
43 100

72 30.4 25.0 37.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.53 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005334.D

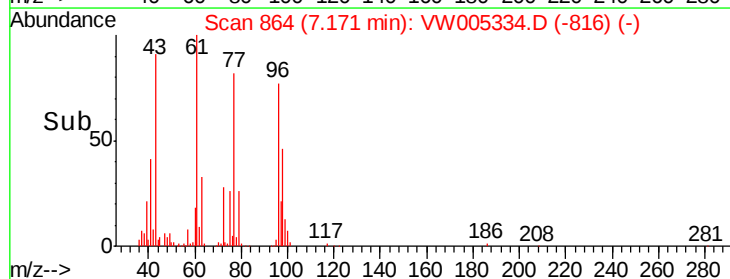
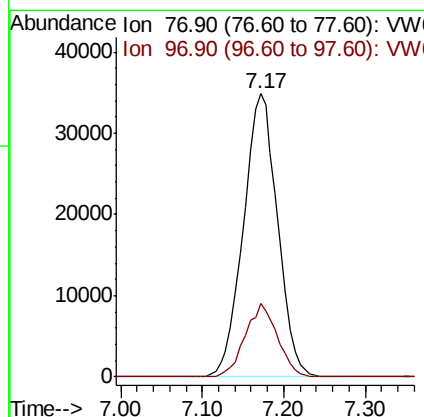
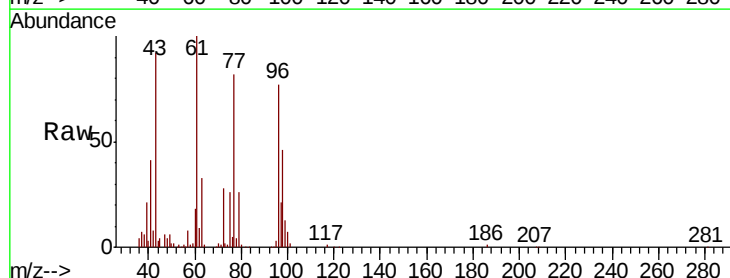
Acq: 12 Sep 2018 18:57

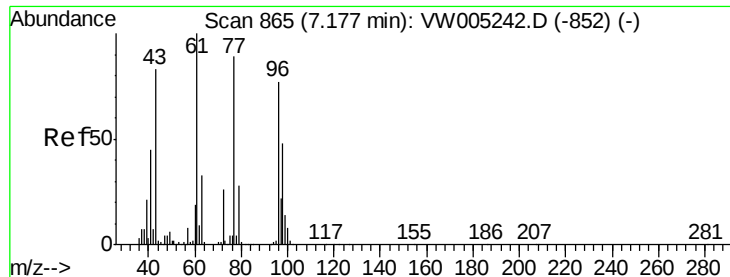
Tgt Ion: 77 Resp: 101490

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

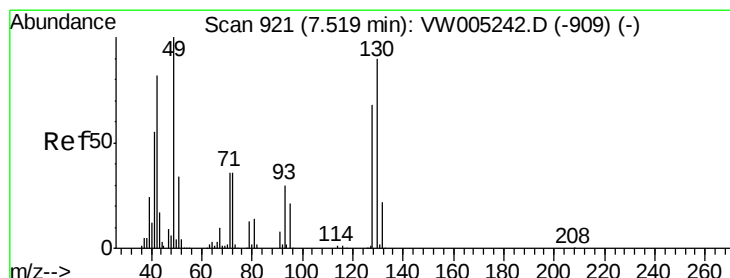
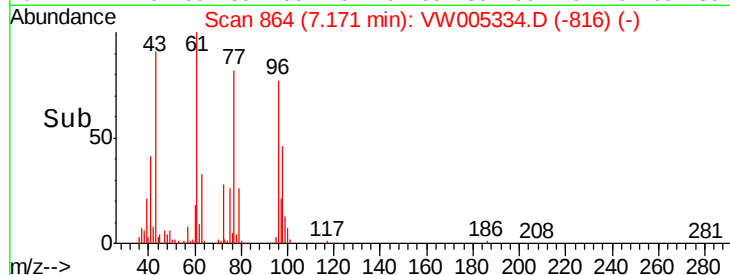
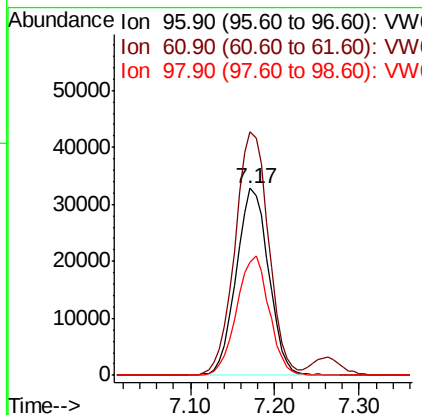
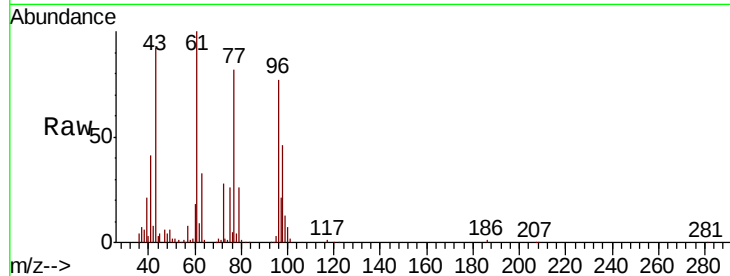
cis-1,2-Dichloroethene
Concen: 21.74 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	273.4
98	63.4	0.0	127.8

Manual Integrations
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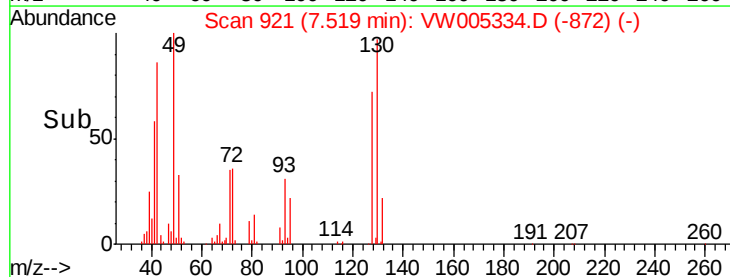
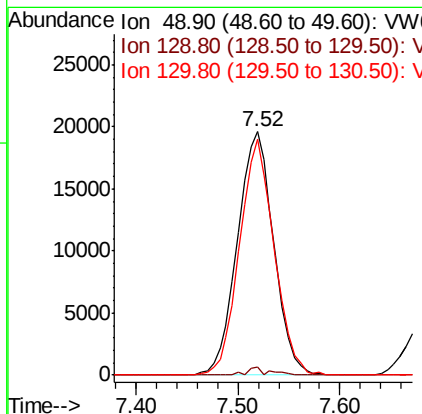
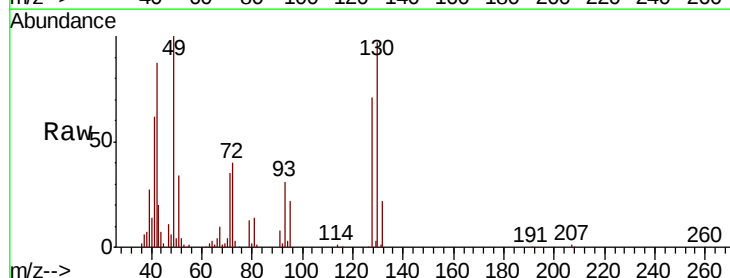
apatel
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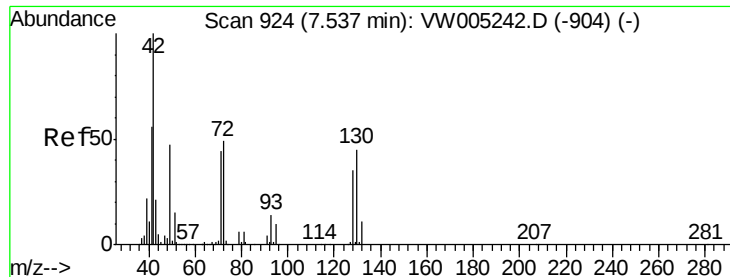


#28

Bromochloromethane
Concen: 21.87 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.0
130	92.4	71.2	106.8





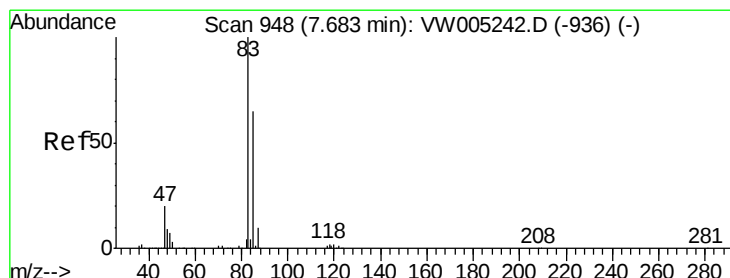
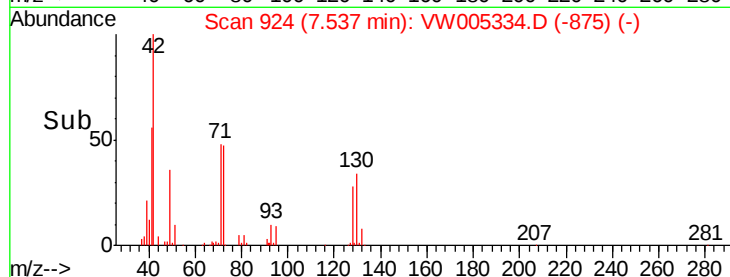
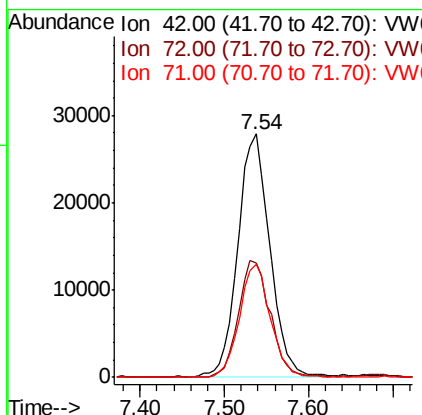
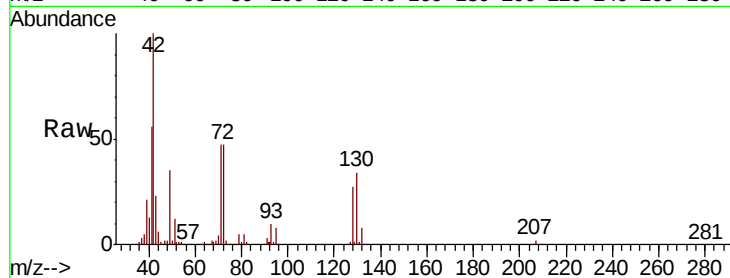
#29
Tetrahydrofuran
Concen: 121.01 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampled :
VW0912SBSD01

Tot Ion:	42	Resp:	71146
Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.5	56.3
71	45.0	34.8	52.2

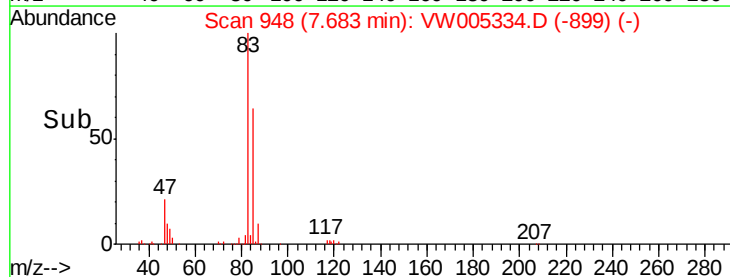
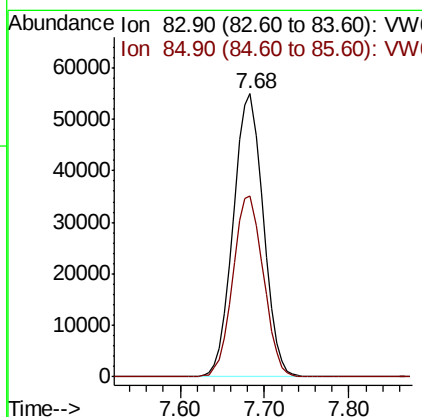
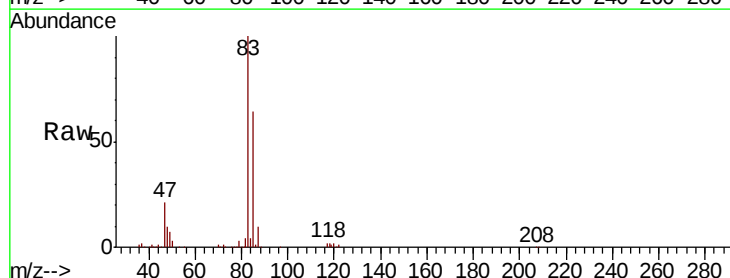
Manual Integrations
APPROVED

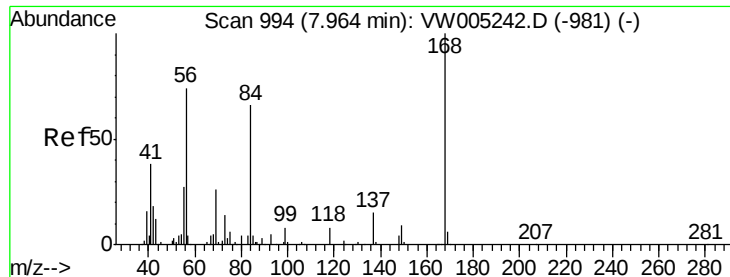
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#30
Chloroform
Concen: 21.98 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion:	83	Resp:	132164
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.7	77.5





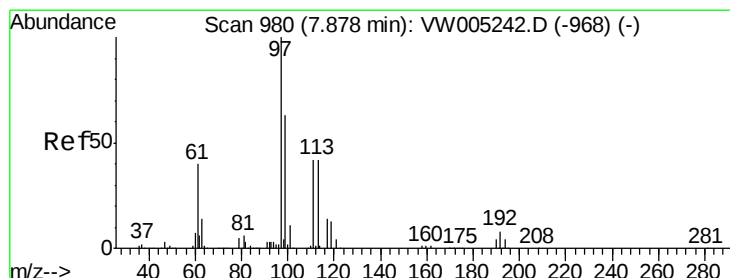
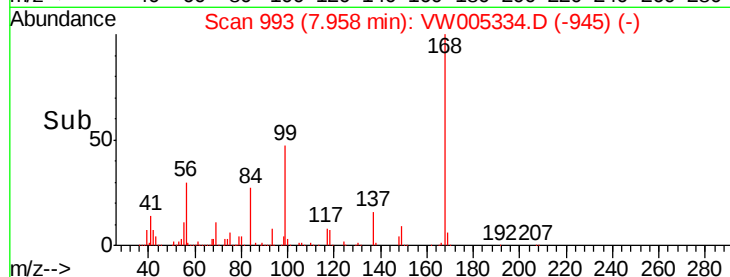
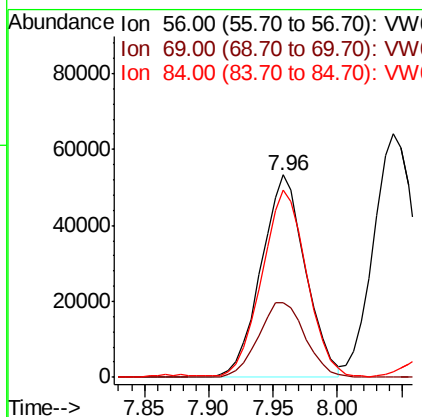
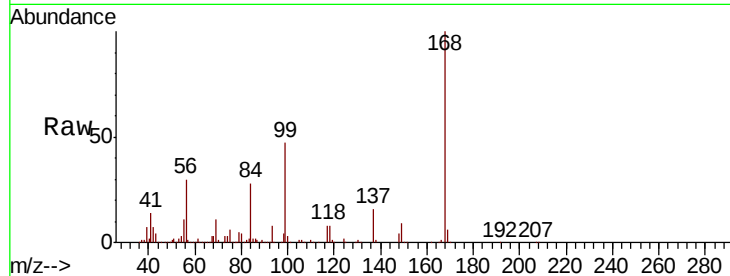
#31
Cyclohexane
Concen: 19.93 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.7	27.8	41.8
84	91.8	72.1	108.1

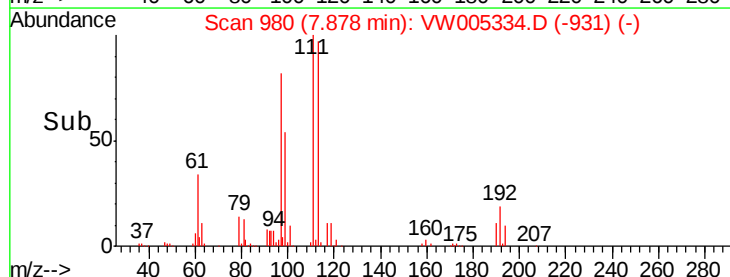
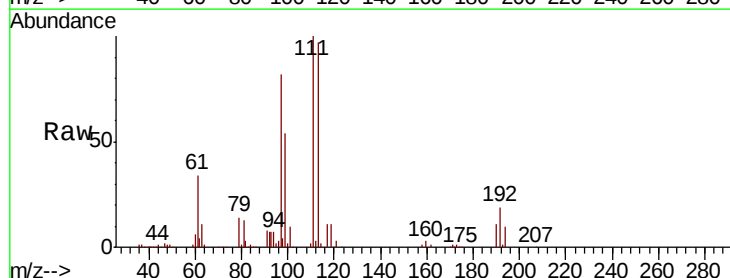
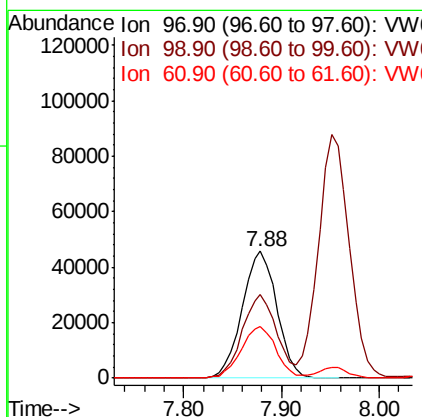
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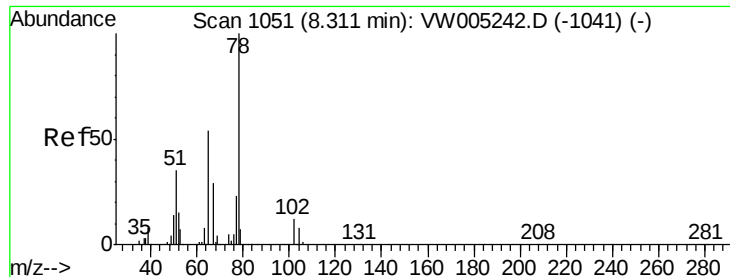
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#32
1,1,1-Trichloroethane
Concen: 20.71 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.5	77.3
61	41.2	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 55.49 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 65 Resp: 165355

Ion Ratio Lower Upper

65 100

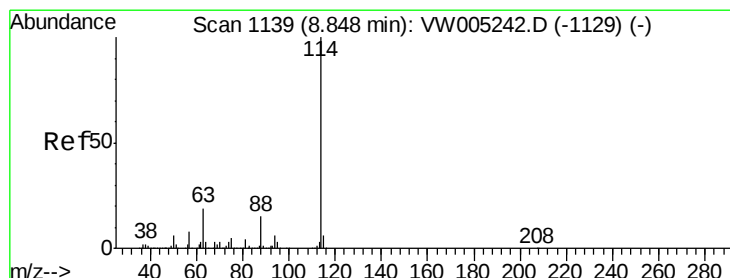
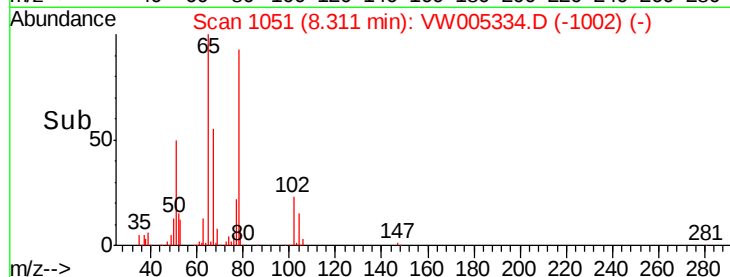
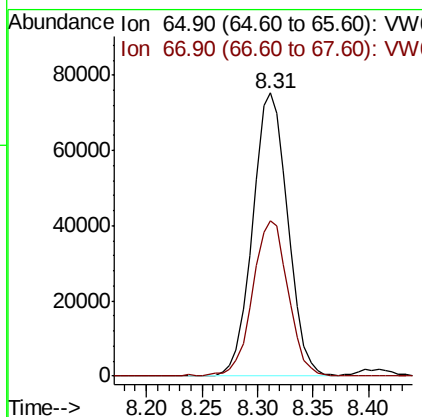
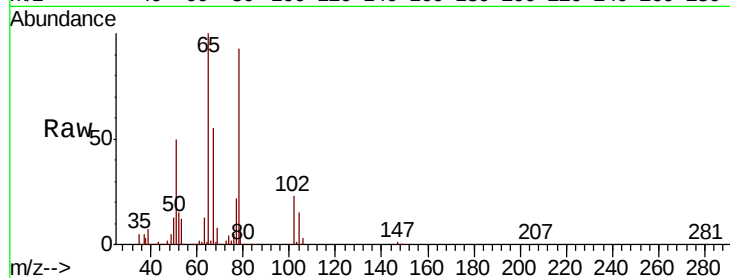
67 55.6 0.0 112.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

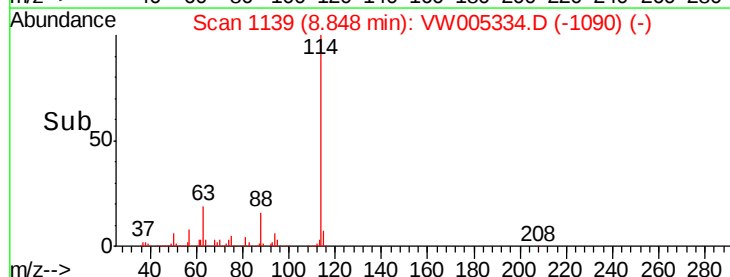
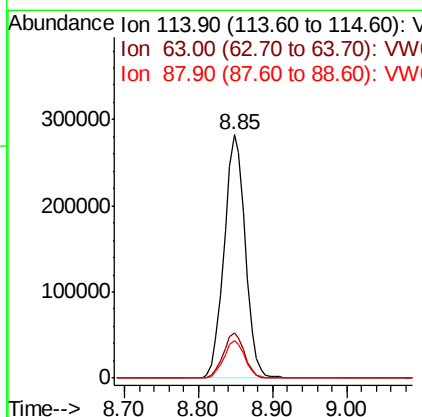
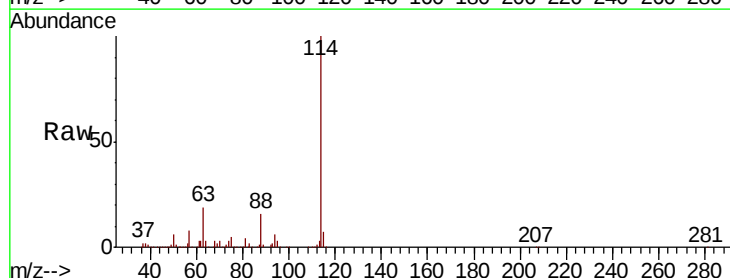
Tgt Ion: 114 Resp: 559680

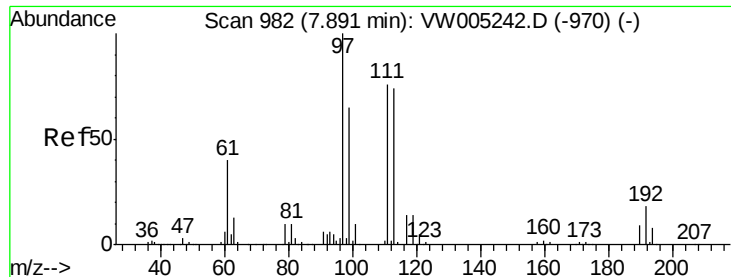
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

88 15.6 0.0 30.4





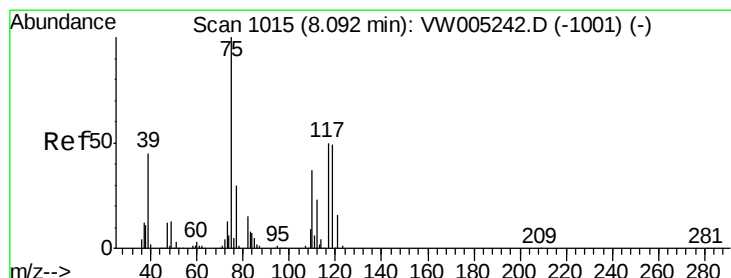
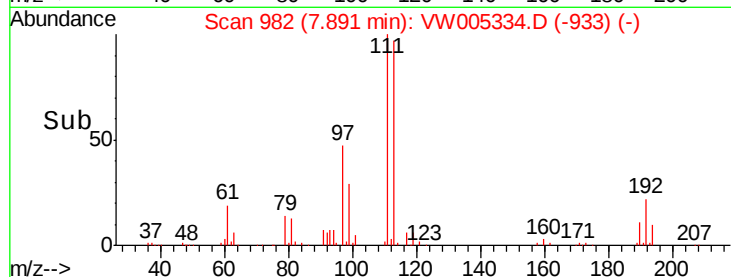
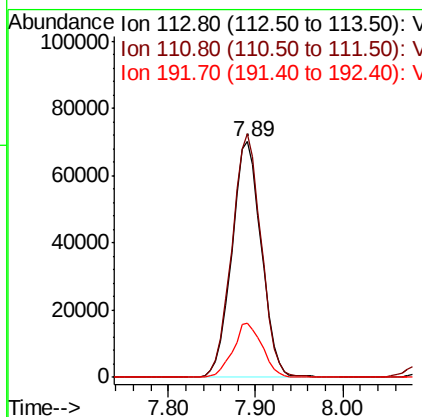
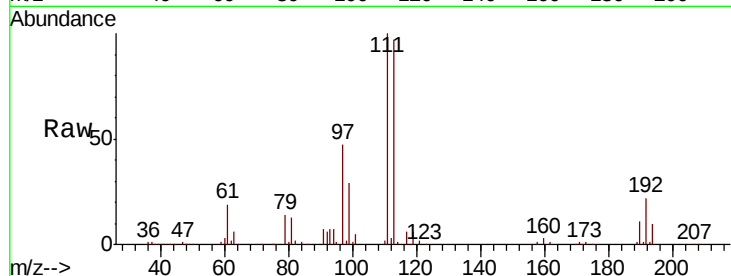
#35
 Dibromofluoromethane
 Concen: 56.02 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	164234		
111	102.8	80.6	121.0	
192	22.7	18.3	27.5	

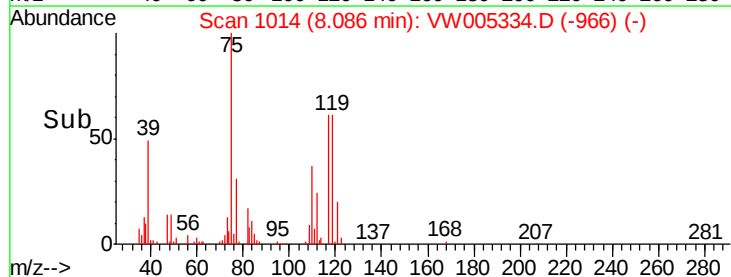
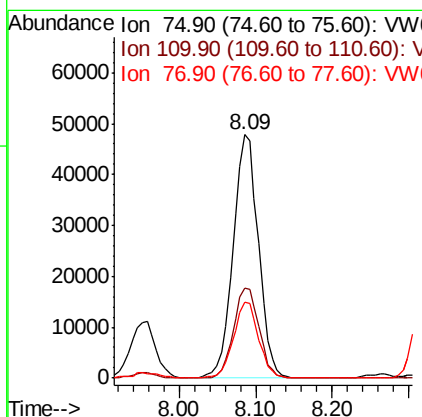
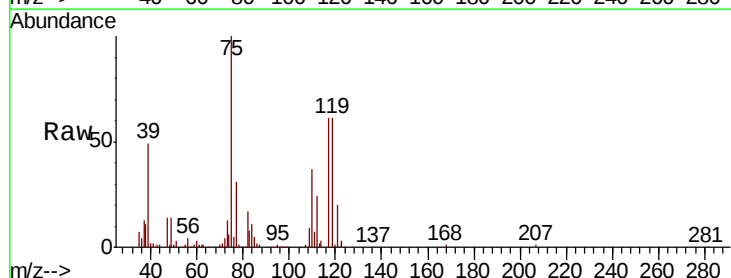
Manual Integrations
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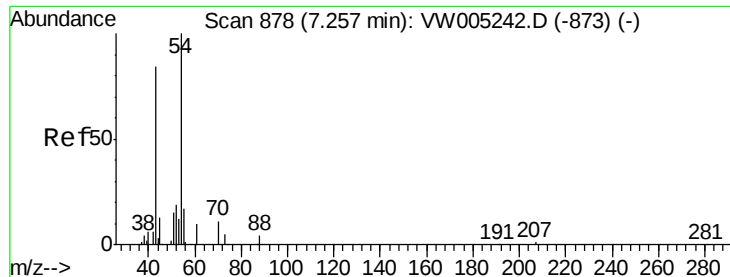
apatel
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#36
 1,1-Dichloropropene
 Concen: 21.34 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	109403		
110	37.2	18.8	56.4	
77	31.3	24.9	37.3	





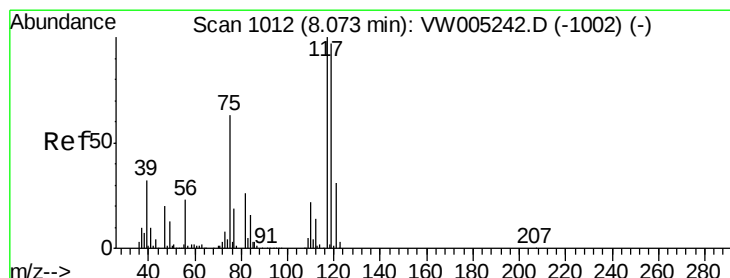
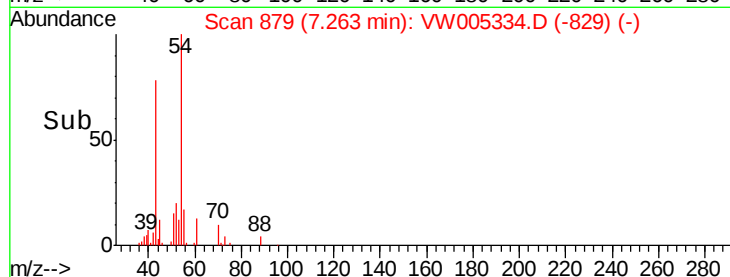
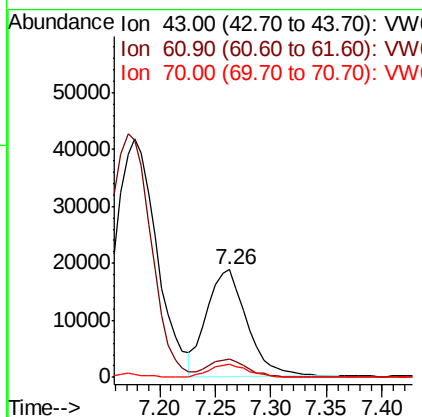
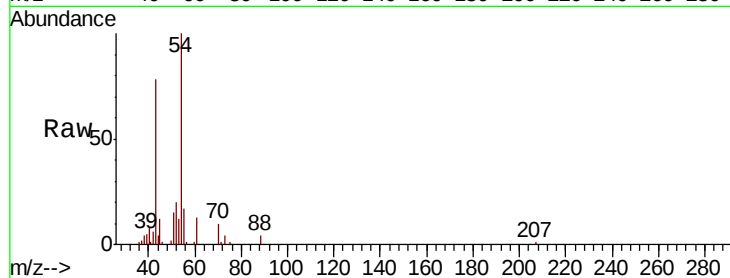
#37
Ethyl Acetate
Concen: 24.45 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampled :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.3	18.5
70	11.7	9.5	14.3

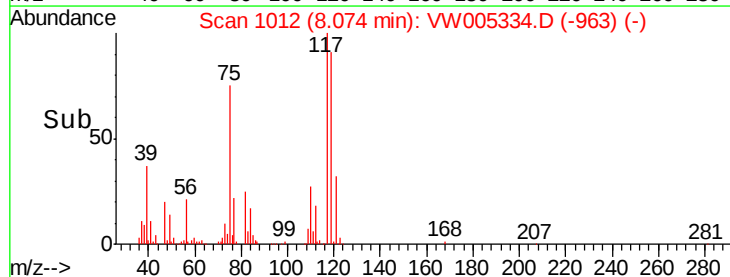
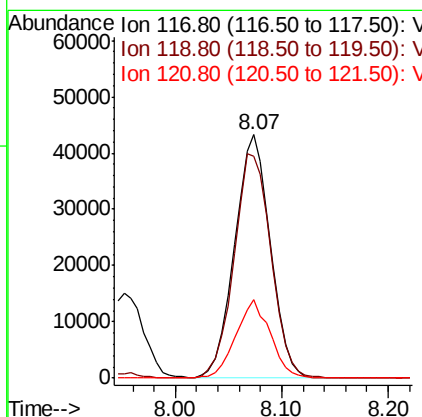
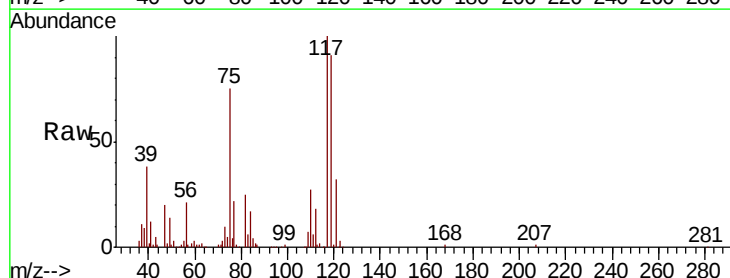
Manual Integrations
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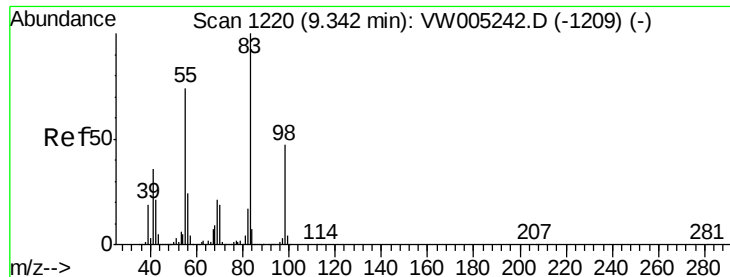
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#38
Carbon Tetrachloride
Concen: 21.21 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	77.5	116.3
121	32.2	24.7	37.1





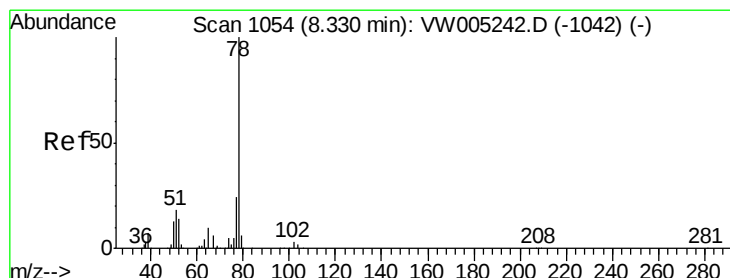
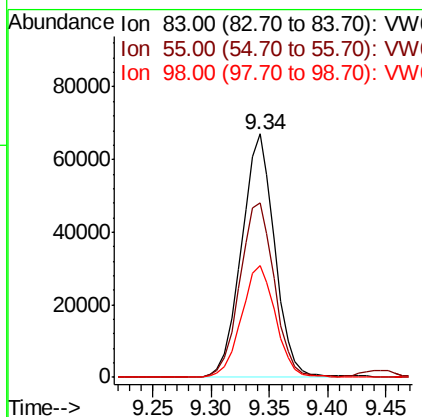
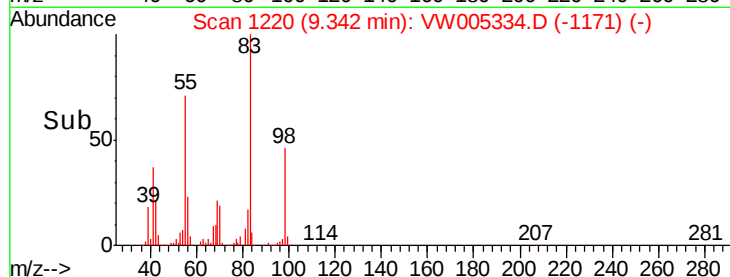
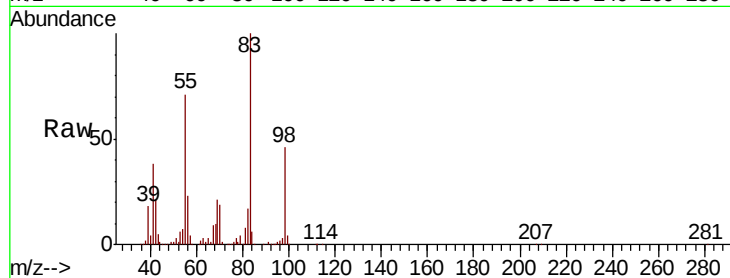
#39
Methvlcvclohexane
Concen: 19.55 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion:	83	Resp:	133110
Ion	Ratio	Lower	Upper
83	100		
55	71.5	58.9	88.3
98	45.9	37.6	56.4

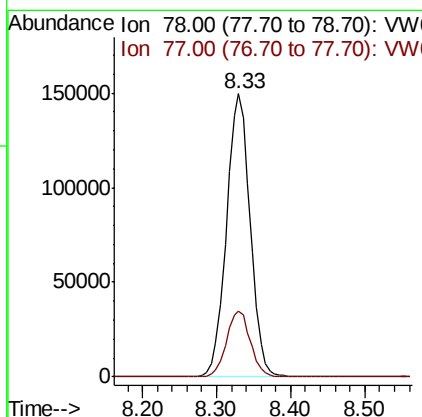
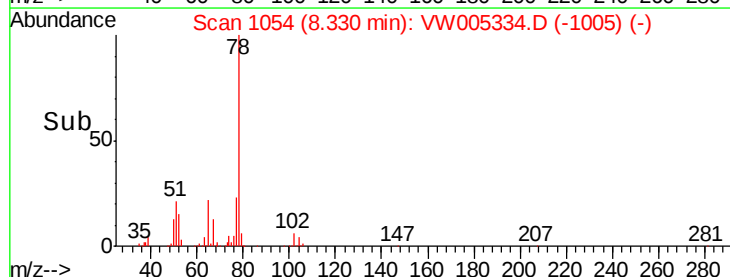
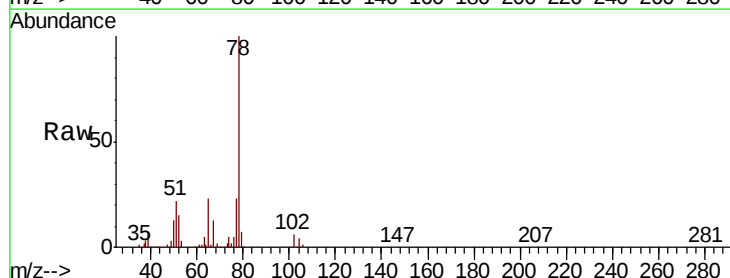
Manual Integrations
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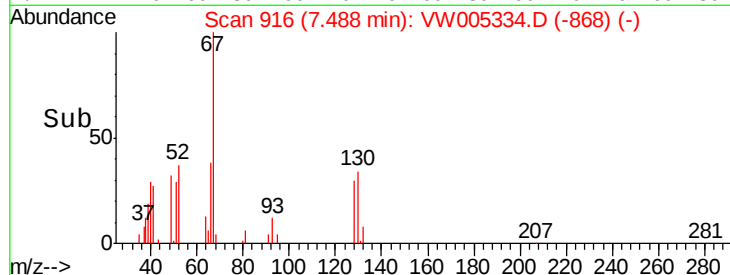
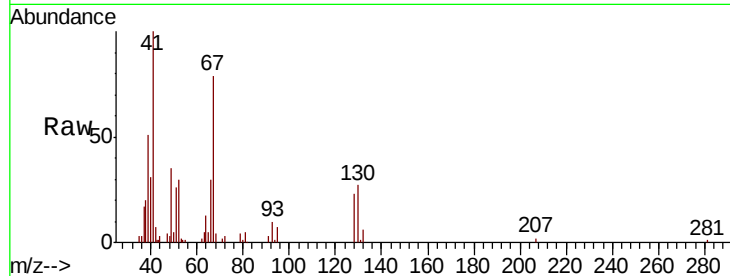
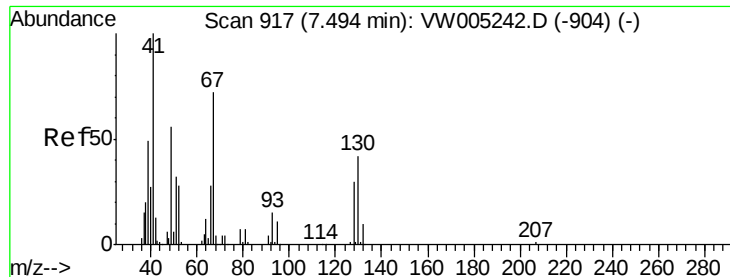
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#40
Benzene
Concen: 21.95 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion:	78	Resp:	331622
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3





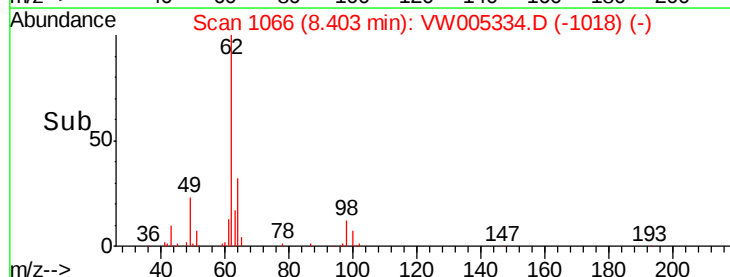
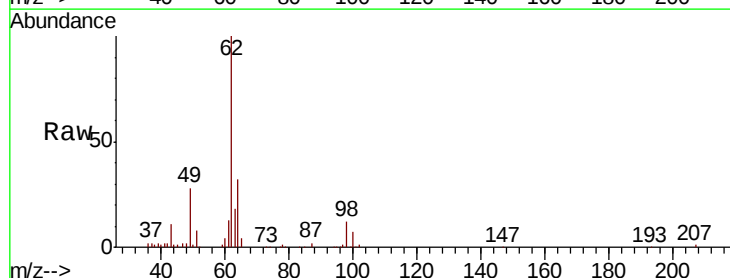
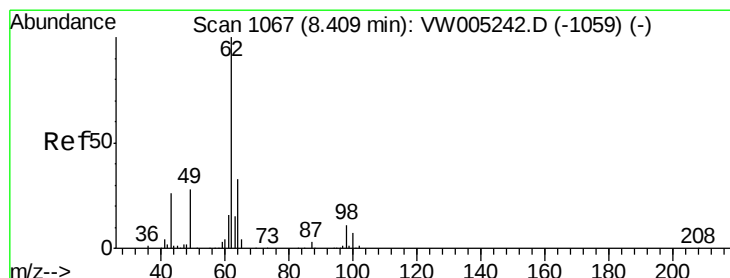
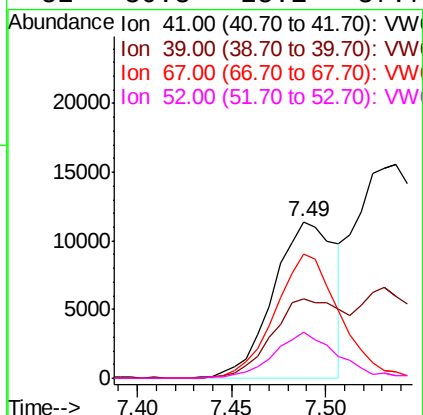
#41
Methacrylonitrile
Concen: 26.20 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tot Ion	41	Resp	26215
Ion	Ratio	Lower	Upper
41	100		
39	58.8	39.9	59.9
67	81.8	65.7	98.5
52	30.3	25.1	37.7

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

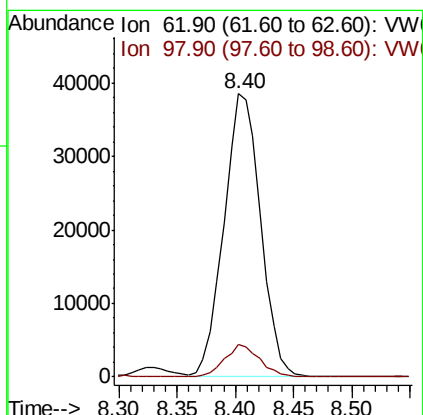
Manual Integrations
APPROVED

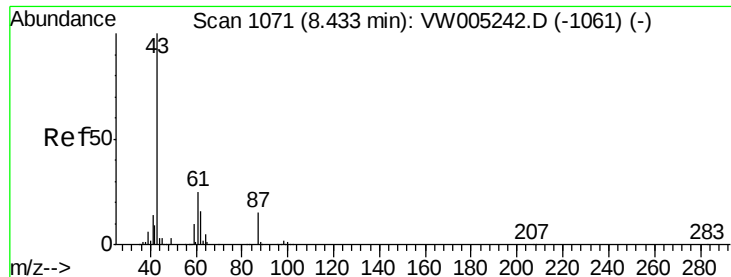
apatel
9/13/2018 2:18:05 PM



#42
1,2-Dichloroethane
Concen: 23.28 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	62	Resp	84121
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0





#43

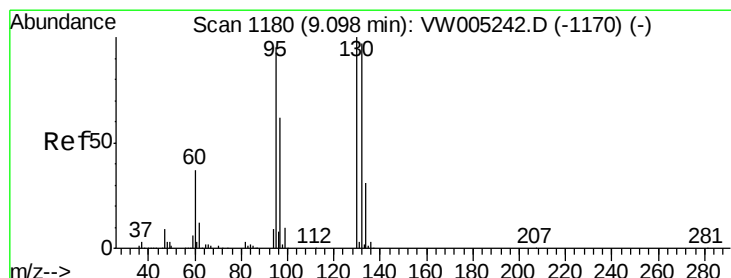
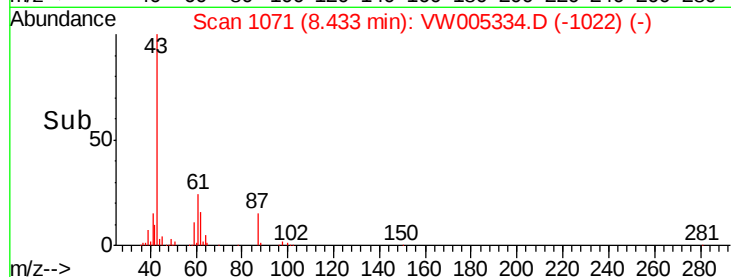
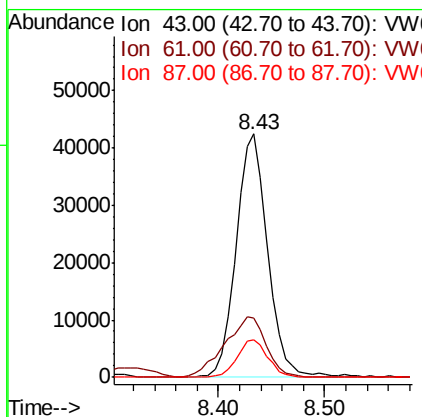
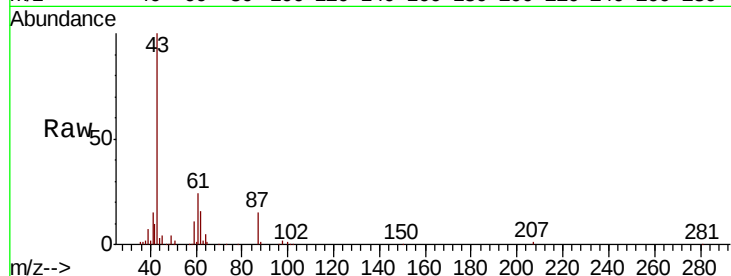
Isopropyl Acetate
 Concen: 24.32 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.5	25.4	38.0
87	15.1	11.9	17.9

Manual Integrations
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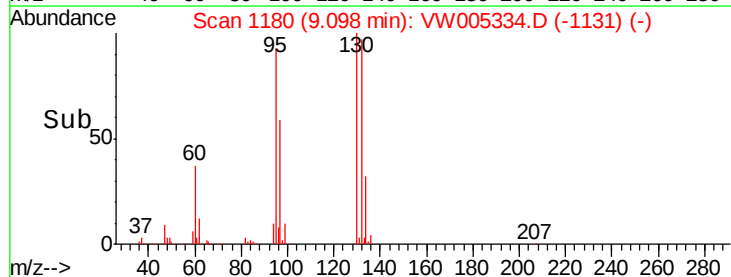
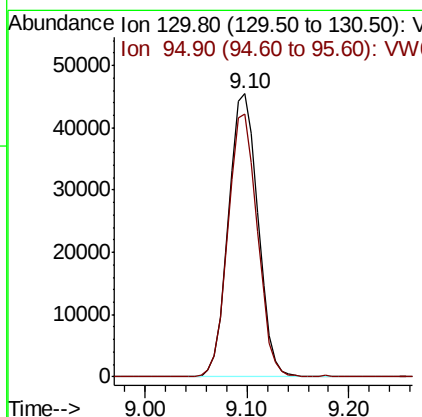
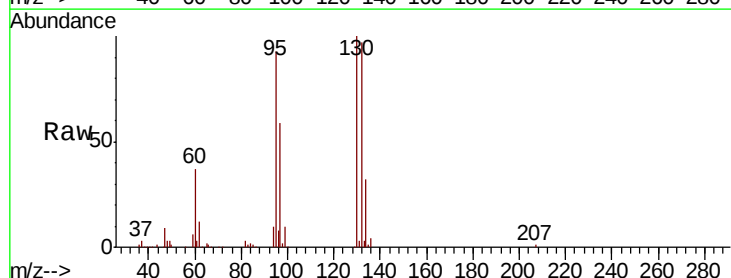
apatel
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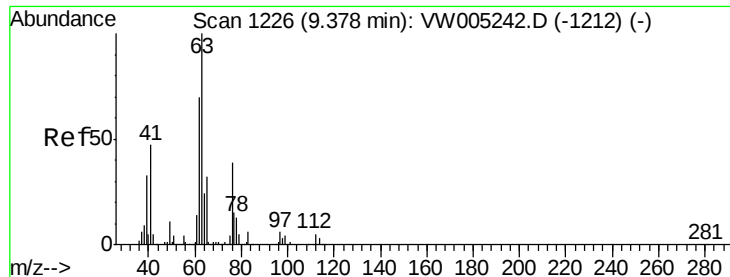


#44

Trichloroethene
 Concen: 21.97 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	189.6





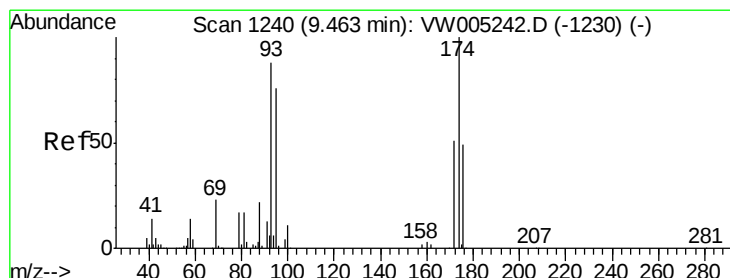
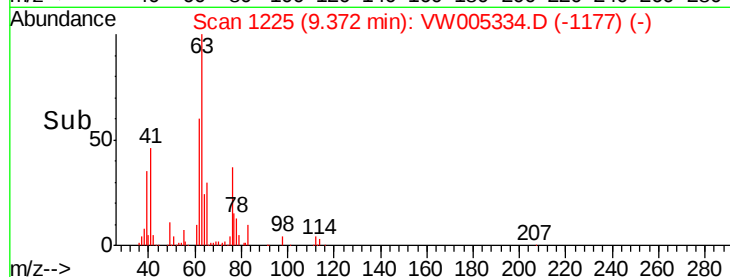
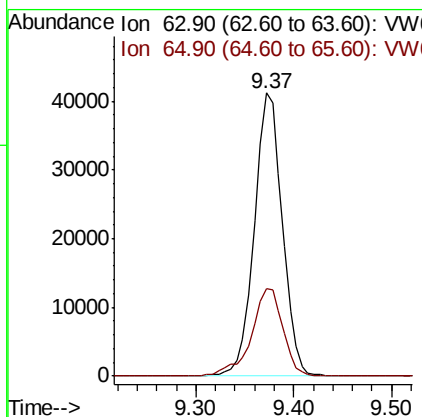
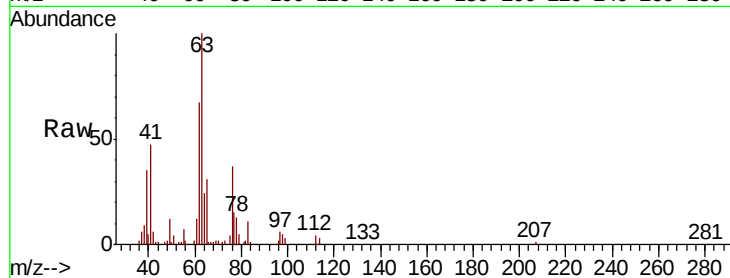
#45
 1,2-Dichloropropane
 Concen: 22.52 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.4	38.2

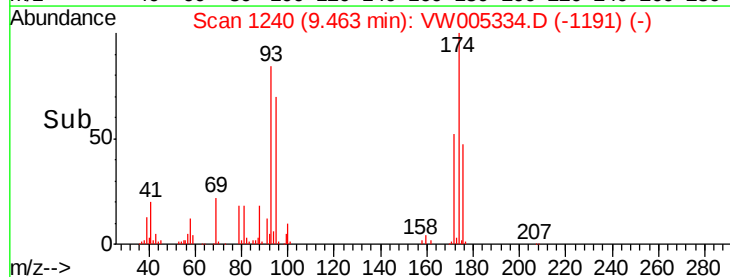
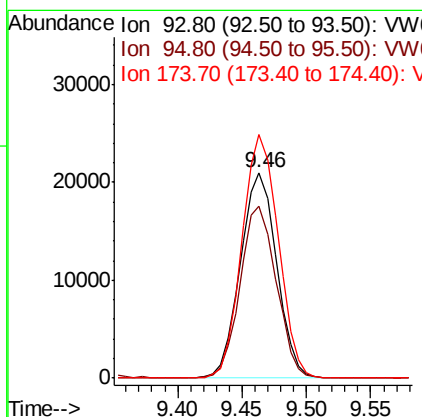
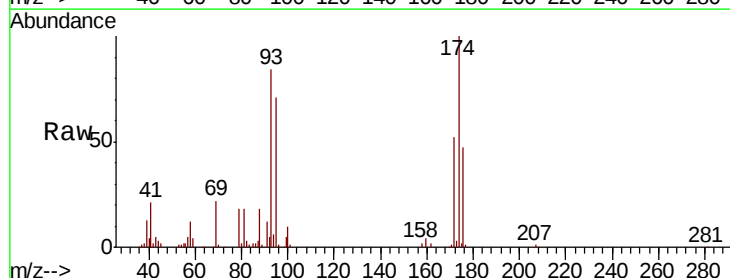
Manual Integrations
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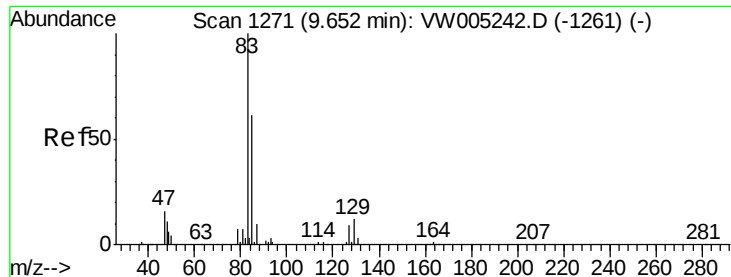
apatel
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#46
 Dibromomethane
 Concen: 22.98 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.0	100.4
174	118.8	92.2	138.2





#47

Bromodichloromethane

Concen: 22.07 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

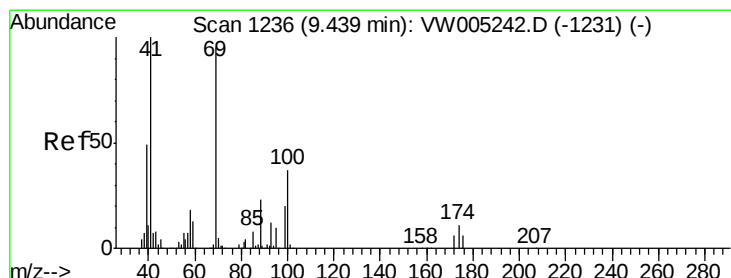
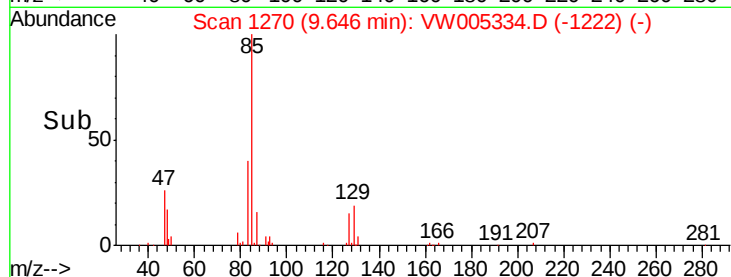
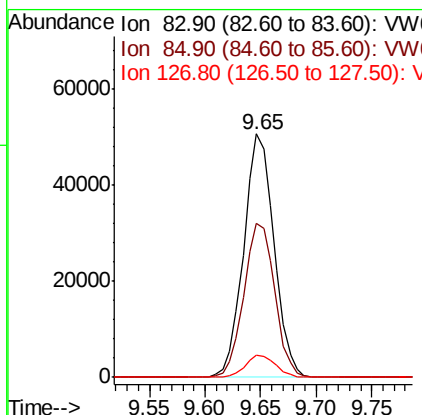
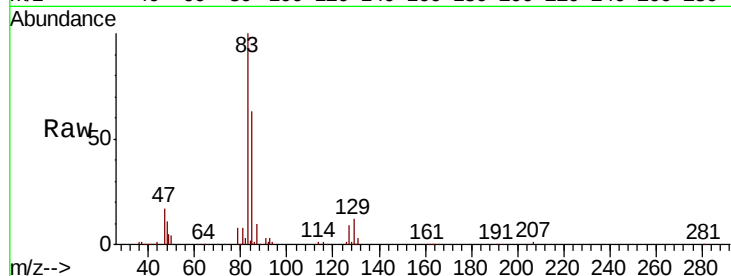
ClientSampleId :

VW0912SBS01

Tot Ion:	83	Resp:	95962
Ion Ratio	Lower	Upper	
83	100		
85	63.5	49.0	73.6
127	9.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.15 ug/l

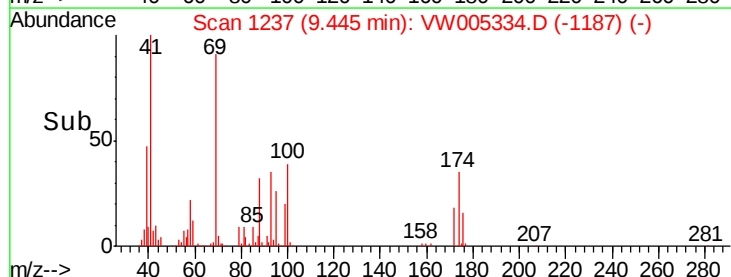
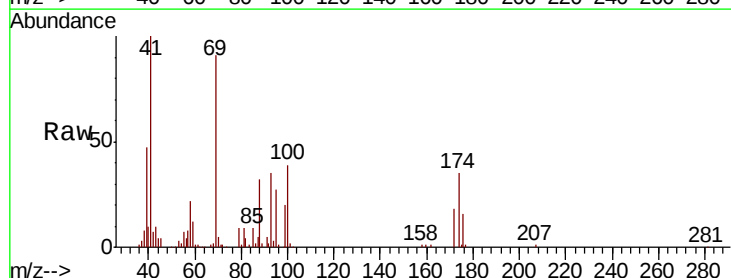
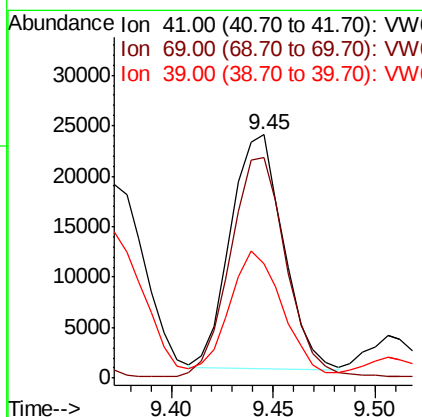
RT: 9.45 min Scan# 1237

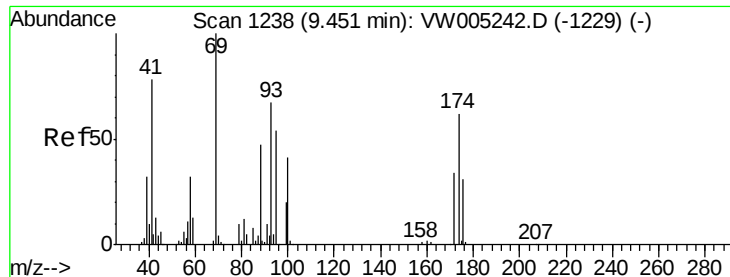
Delta R.T. 0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Tgt Ion:	41	Resp:	41661
Ion Ratio	Lower	Upper	
41	100		
69	102.0	74.6	112.0
39	55.8	36.7	55.1#





#49

1,4-Dioxane

Concen: 483.01 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 88 Resp: 16028

Ion Ratio Lower Upper

88 100

43 27.6 22.7 34.1

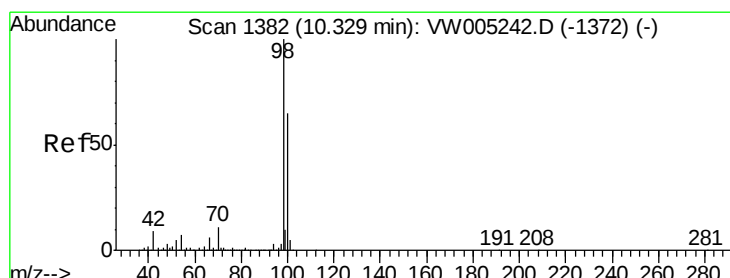
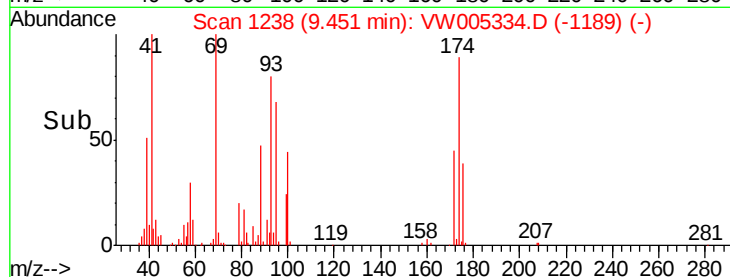
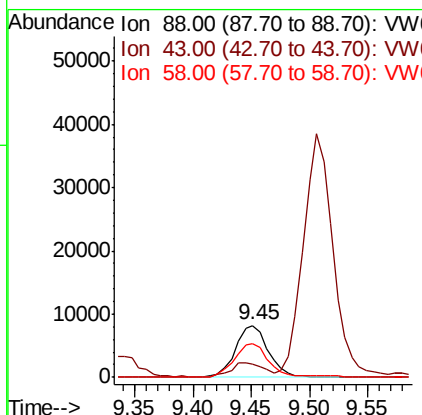
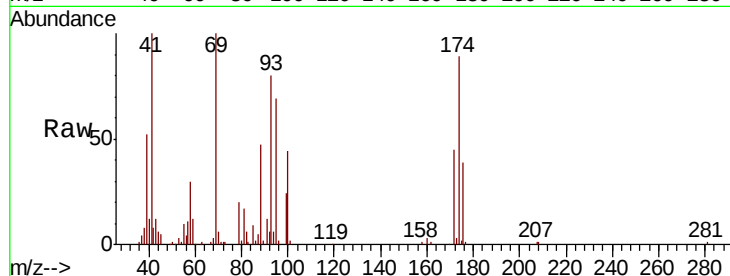
58 67.7 56.6 85.0

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#50

Toluene-d8

Concen: 51.49 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005334.D

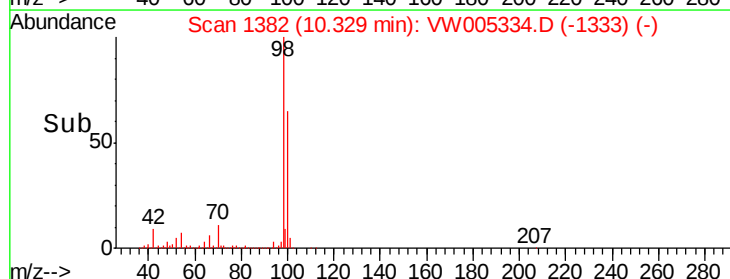
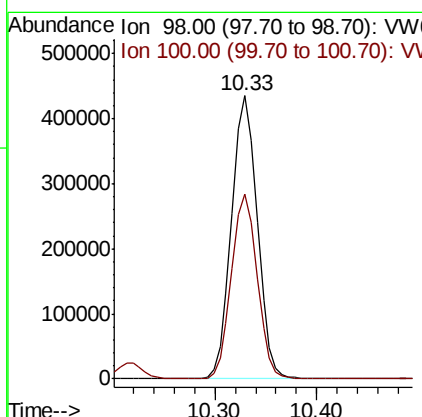
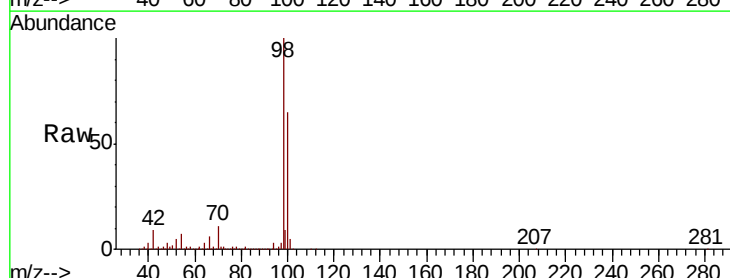
Acq: 12 Sep 2018 18:57

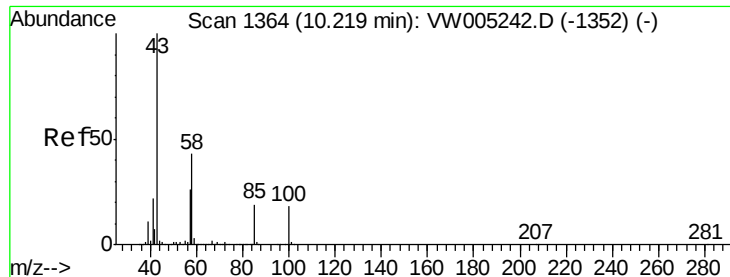
Tgt Ion: 98 Resp: 762859

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 121.34 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 43 Resp: 247312

Ion Ratio Lower Upper

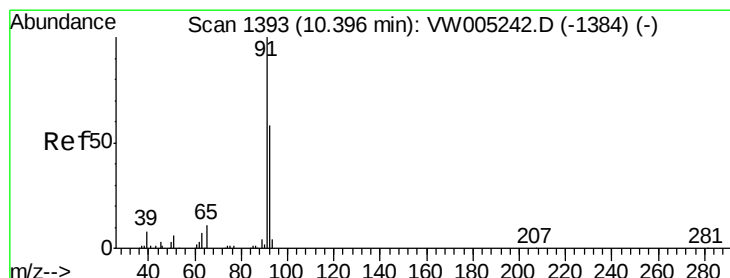
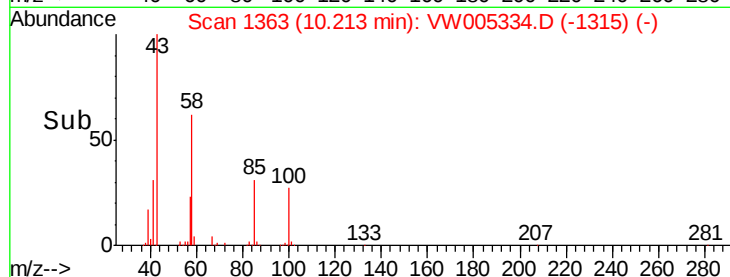
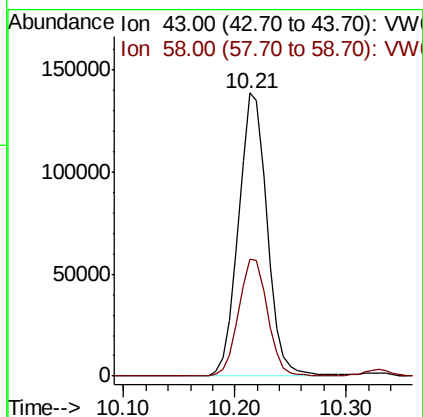
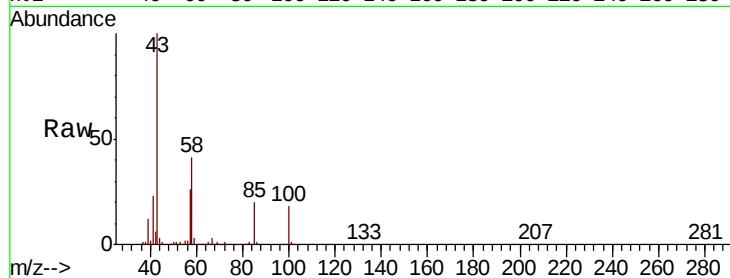
43 100

58 42.1 33.8 50.6

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#52

Toluene

Concen: 21.35 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005334.D

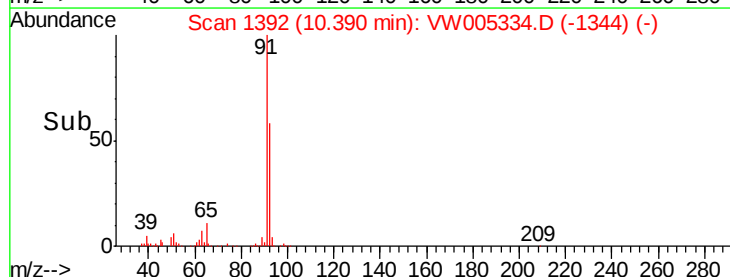
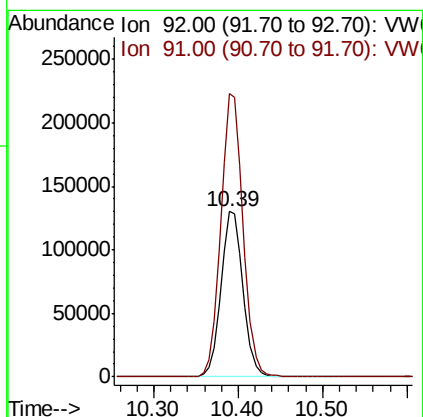
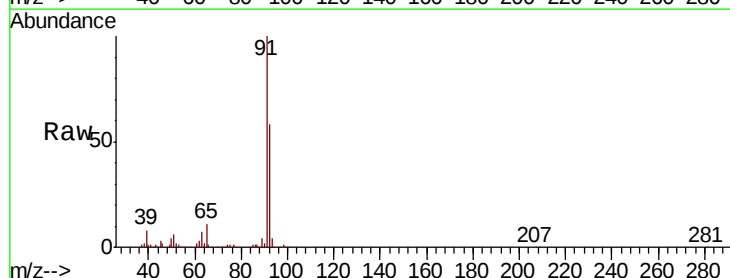
Acq: 12 Sep 2018 18:57

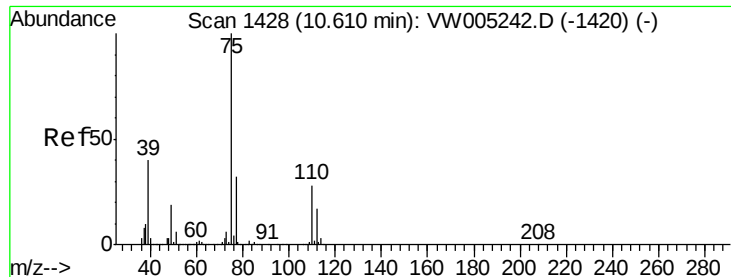
Tgt Ion: 92 Resp: 234452

Ion Ratio Lower Upper

92 100

91 172.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 21.77 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampled :

VW0912SBSD01

Tot Ion: 75 Resp: 102312

Ion Ratio Lower Upper

75 100

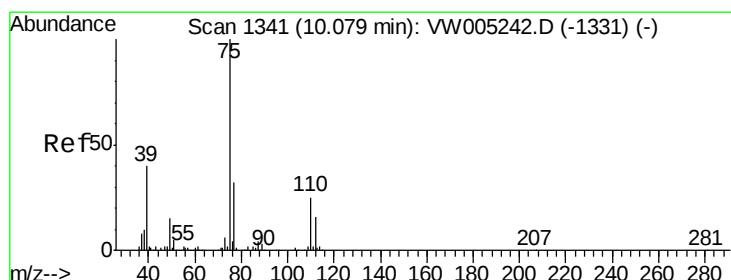
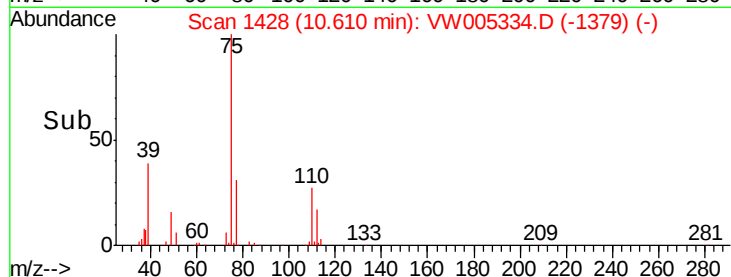
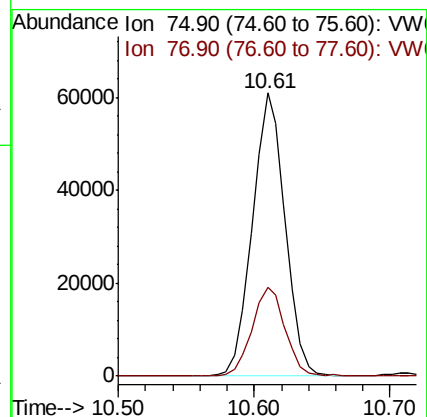
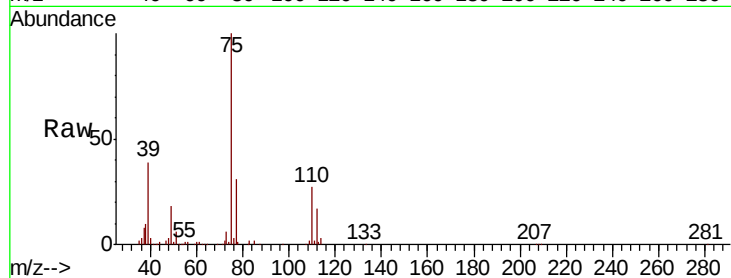
77 31.2 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 21.64 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

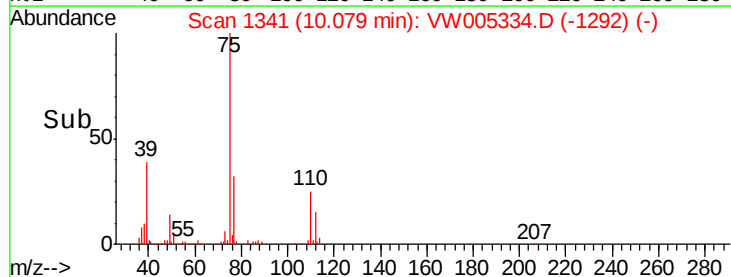
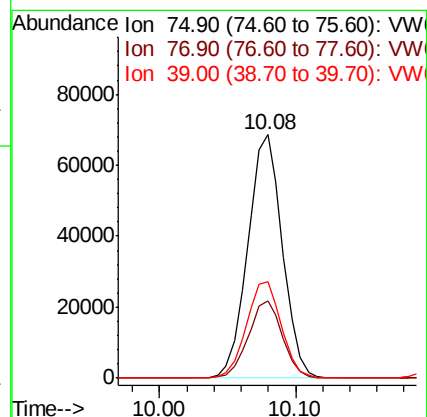
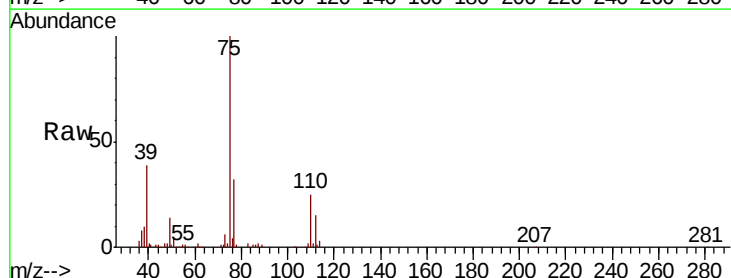
Tgt Ion: 75 Resp: 121779

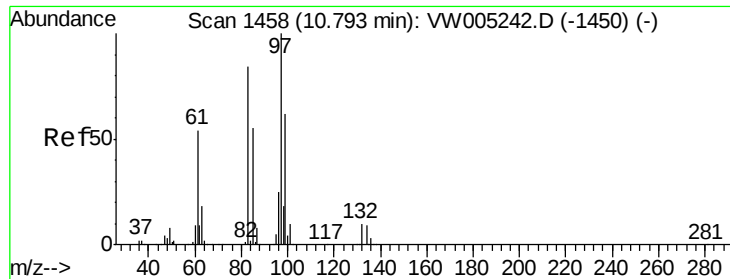
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 39.3 31.8 47.6





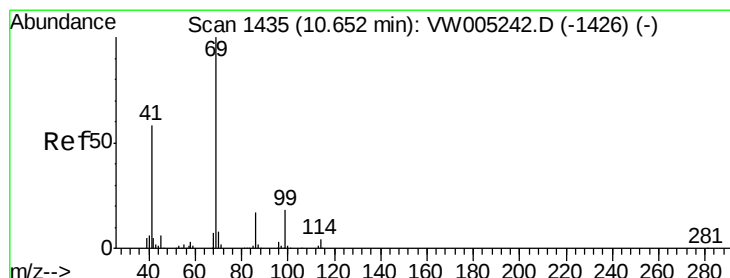
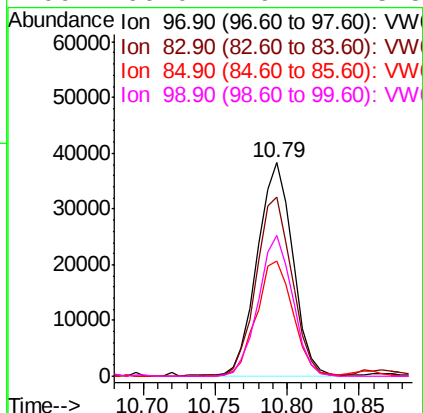
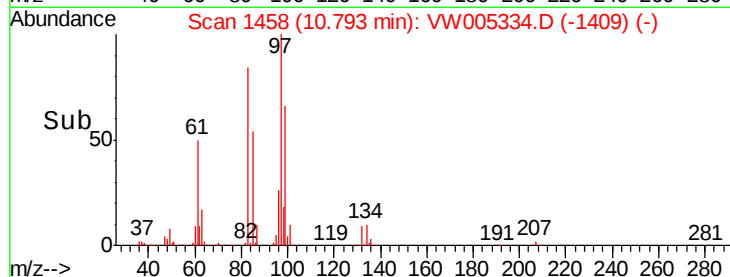
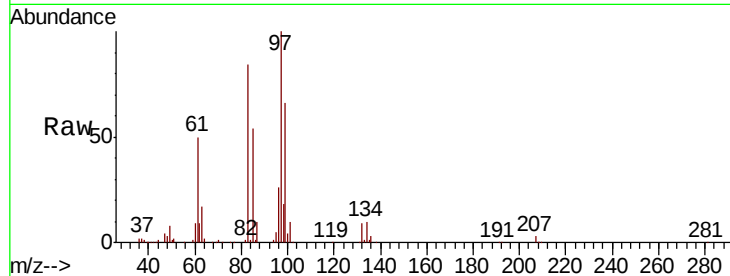
#55
 1,1,2-Trichloroethane
 Concen: 23.00 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion:	97	Resp:	65186
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.2	100.8
85	54.3	44.4	66.6
99	66.0	49.2	73.8

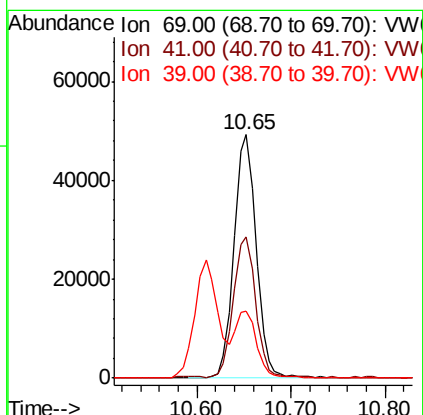
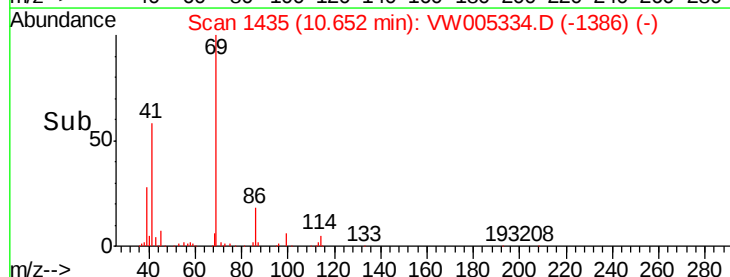
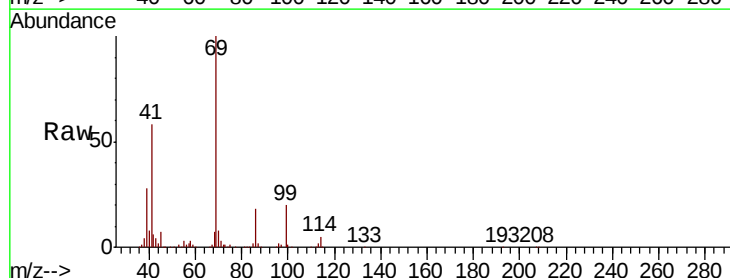
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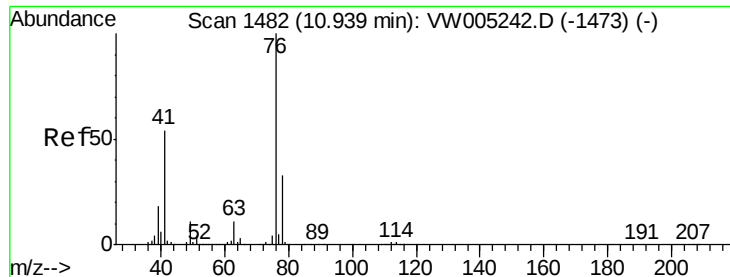
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#56
 Ethyl methacrylate
 Concen: 22.48 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion:	69	Resp:	80776
Ion	Ratio	Lower	Upper
69	100		
41	58.2	48.7	73.1
39	26.4	20.9	31.3





#57

1,3-Dichloropropane

Concen: 22.93 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampled :

VW0912SBSD01

Tot Ion: 76 Resp: 107906

Ion Ratio Lower Upper

76 100

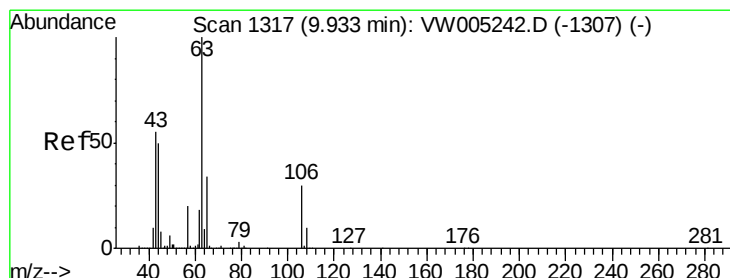
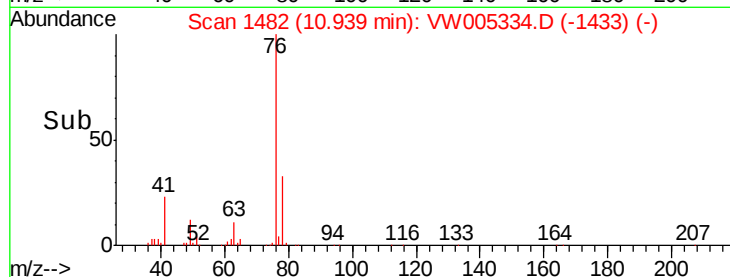
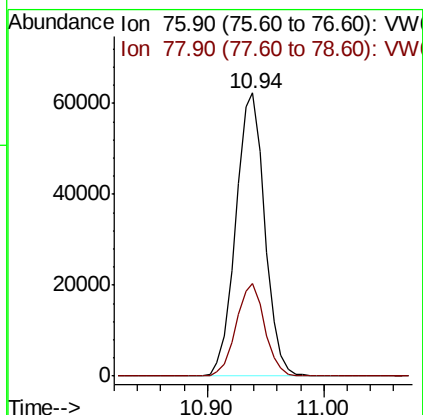
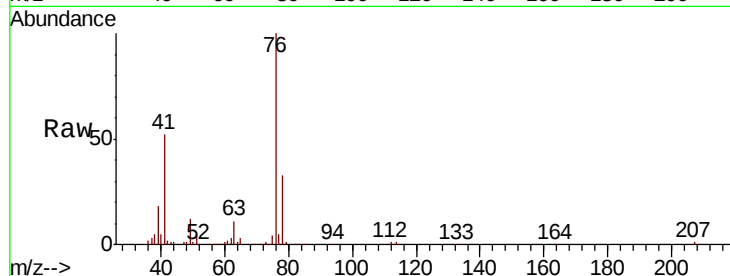
78 32.5 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 113.85 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005334.D

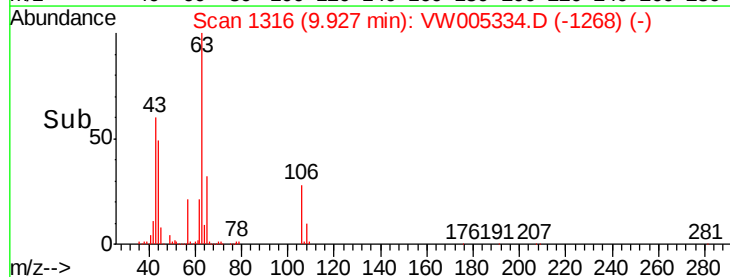
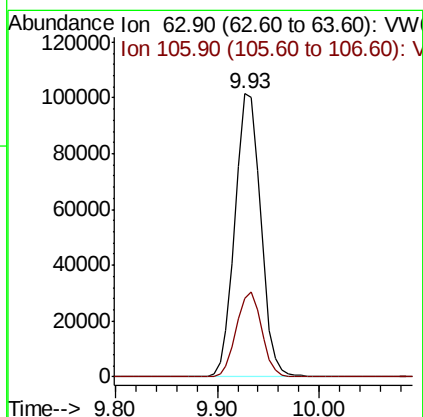
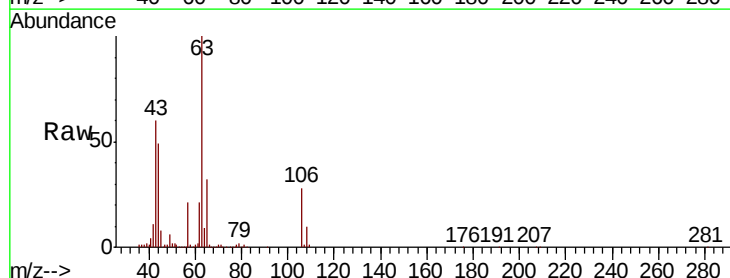
Acq: 12 Sep 2018 18:57

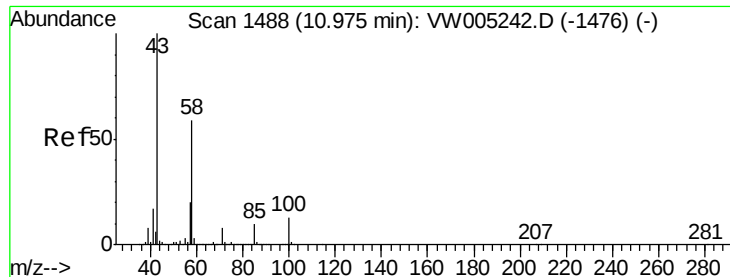
Tgt Ion: 63 Resp: 177781

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0





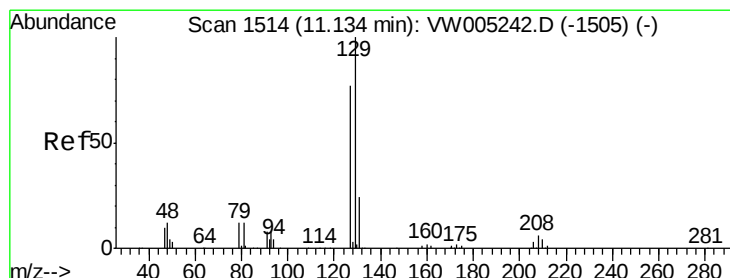
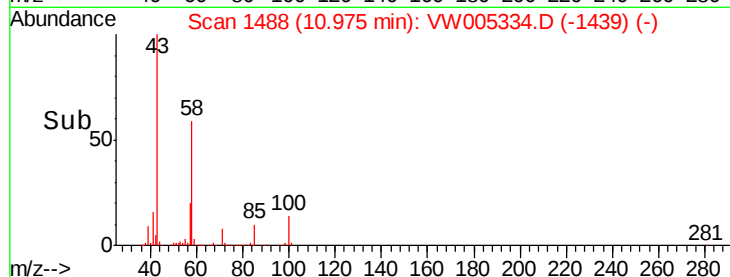
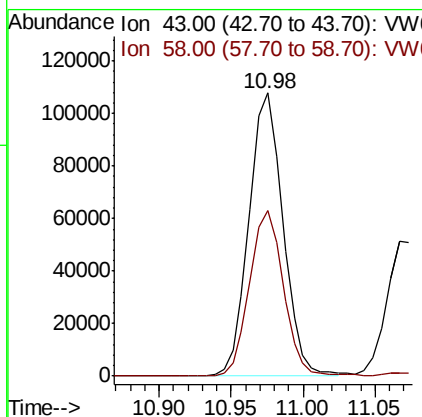
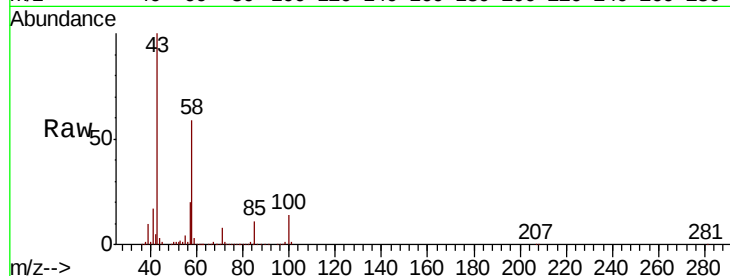
#59
2-Hexanone
Concen: 119.92 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion: 43 Resp: 176199
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.9

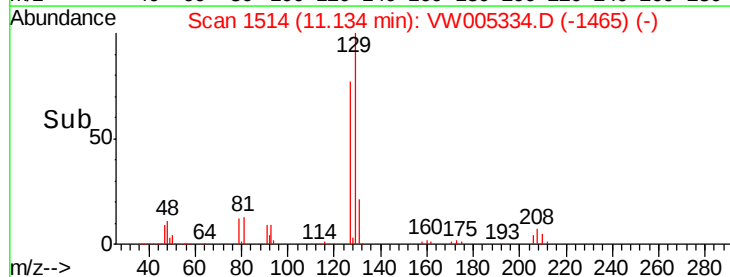
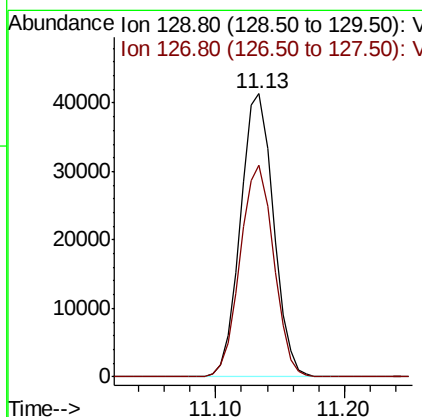
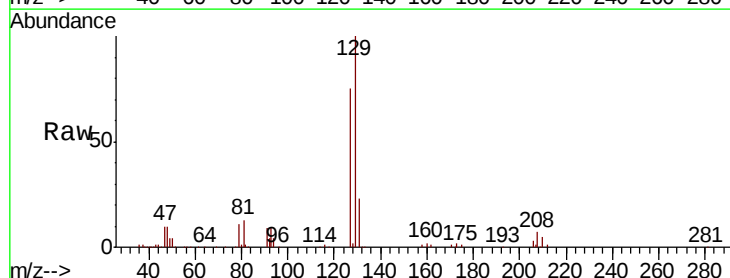
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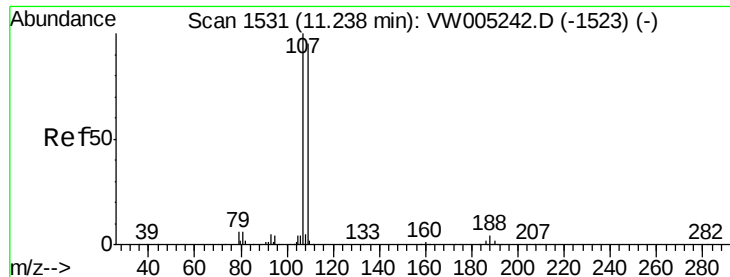
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#60
Dibromochloromethane
Concen: 23.31 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion: 129 Resp: 73297
Ion Ratio Lower Upper
129 100
127 75.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 23.35 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion:107 Resp: 60672

Ion Ratio Lower Upper

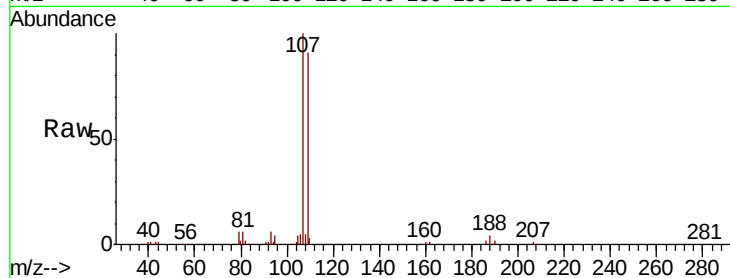
107 100

109 94.2 75.7 113.5

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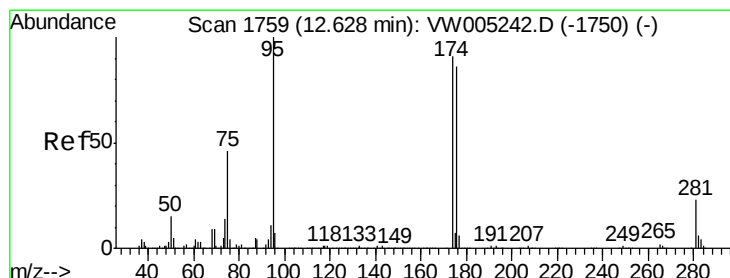
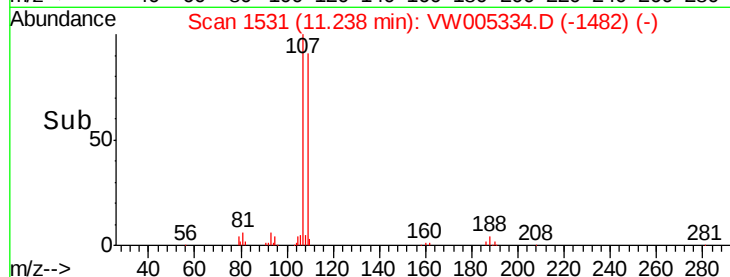
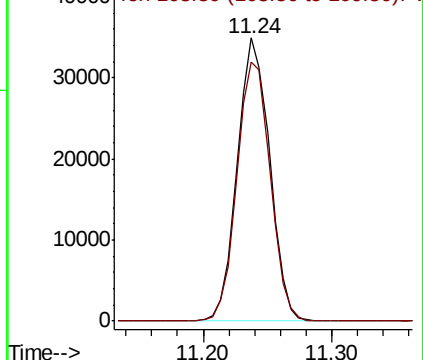
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.30 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

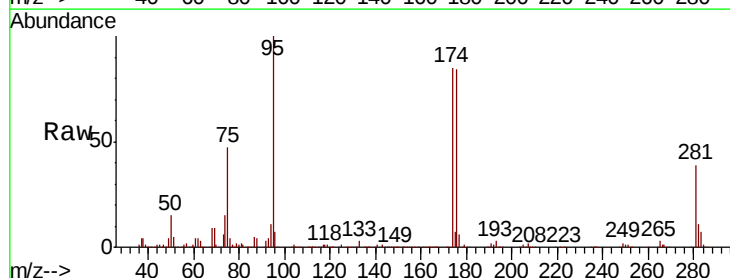
Tgt Ion: 95 Resp: 288804

Ion Ratio Lower Upper

95 100

174 88.4 0.0 174.6

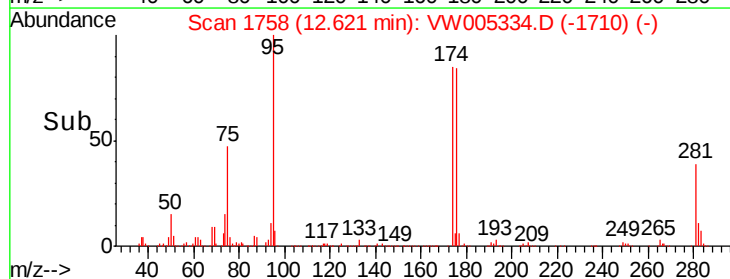
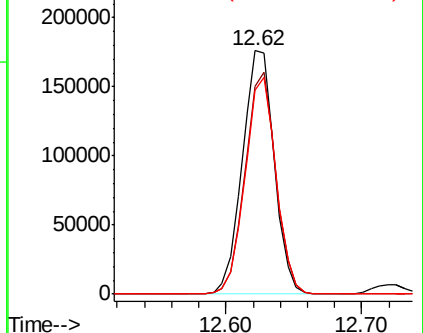
176 86.7 0.0 167.6

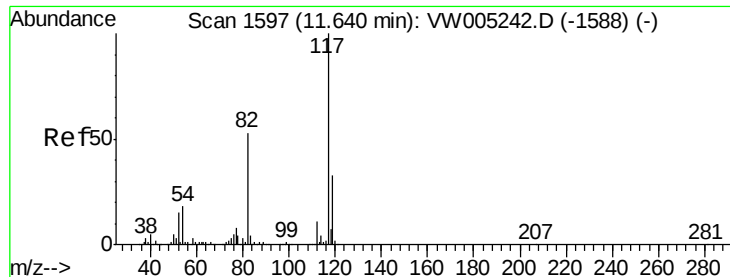


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





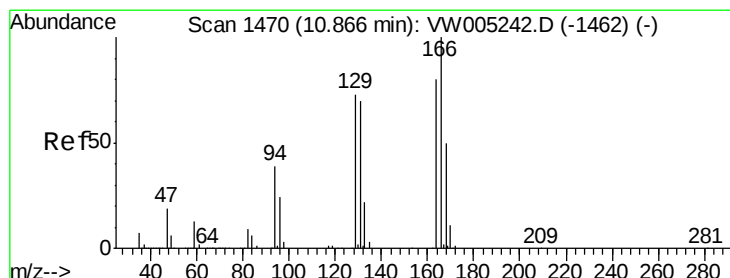
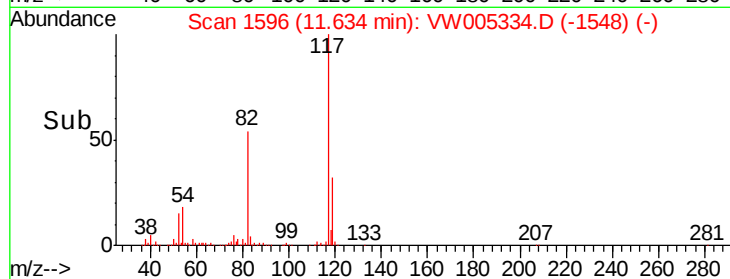
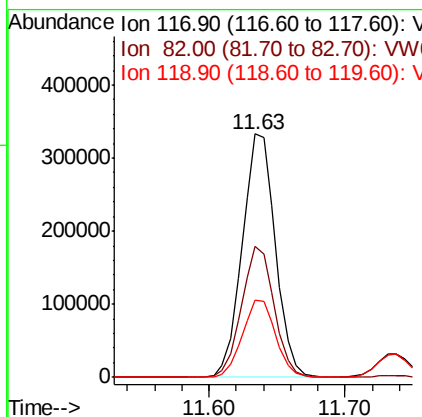
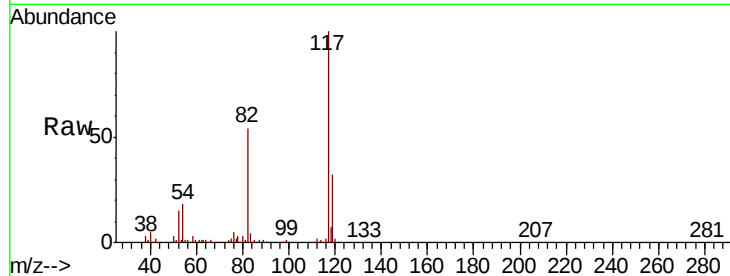
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.6	63.8
119	31.6	26.2	39.4

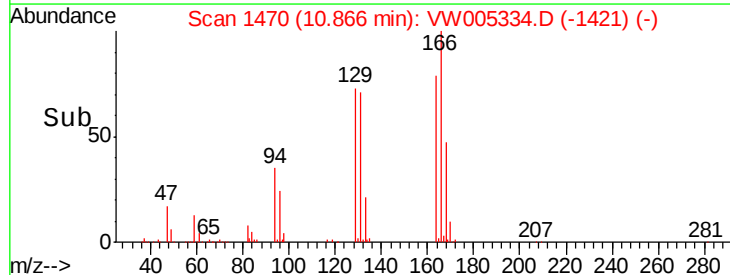
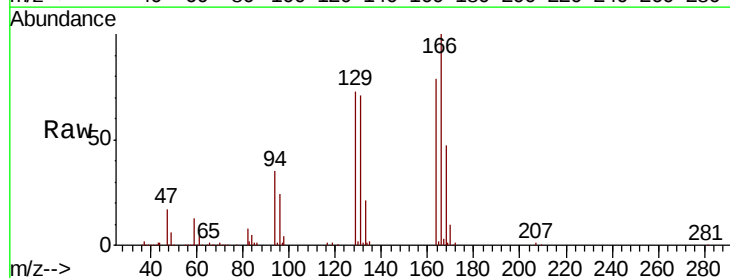
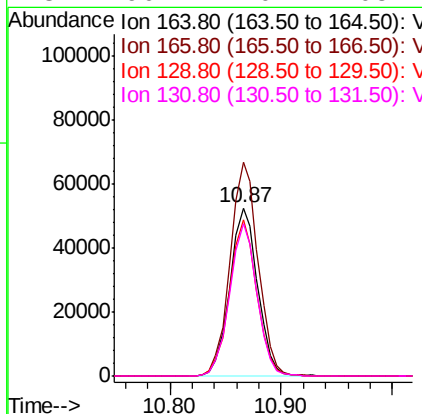
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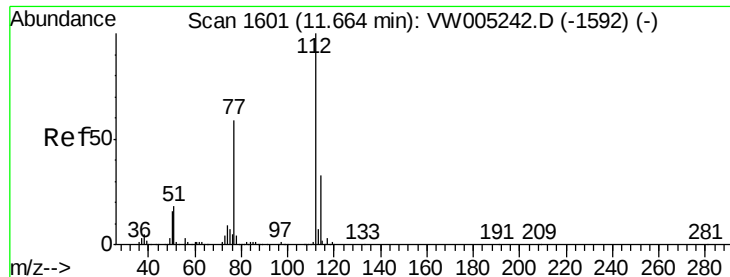
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#64
Tetrachloroethene
Concen: 21.64 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	100.2	150.2
129	92.5	73.2	109.8
131	90.4	70.2	105.4





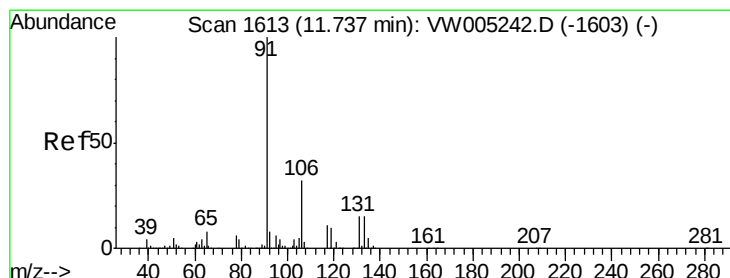
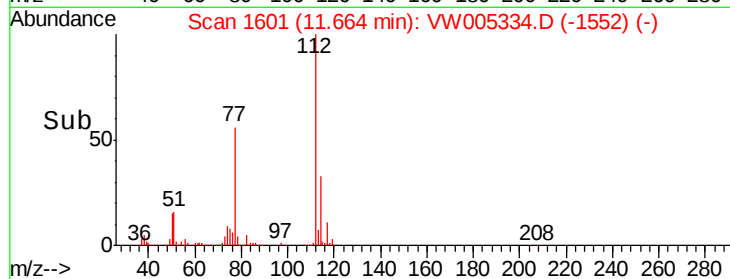
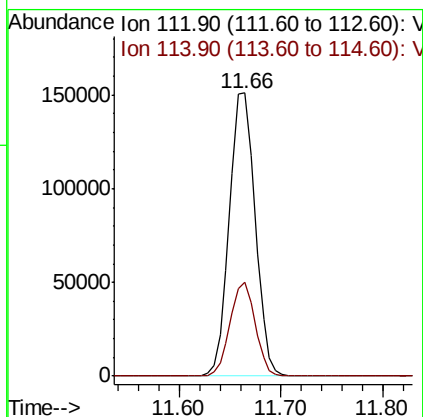
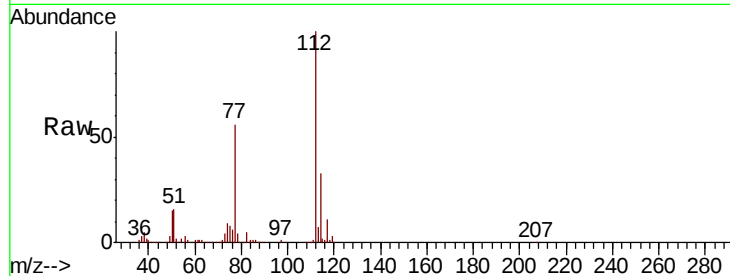
#65
Chlorobenzene
Concen: 21.36 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.2	39.4

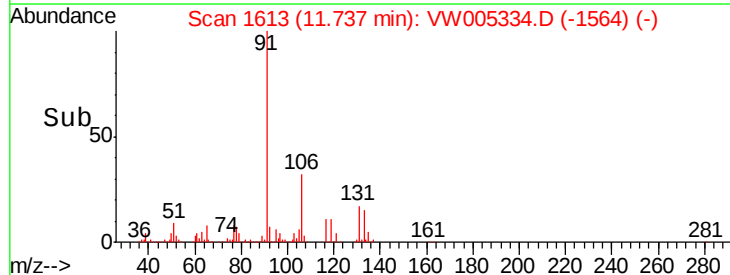
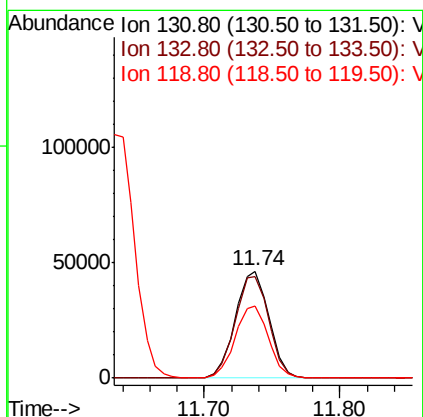
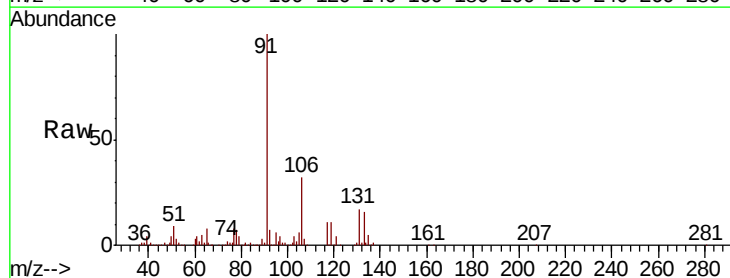
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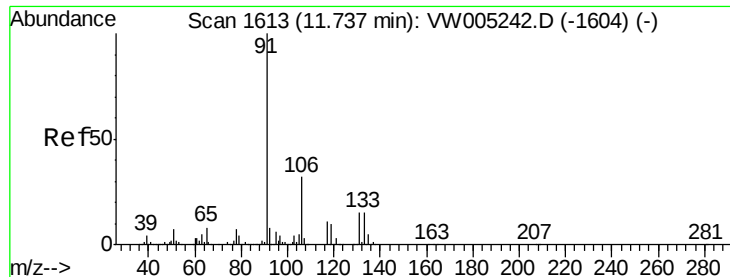
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.55 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.1	144.3
119	67.2	33.4	100.1





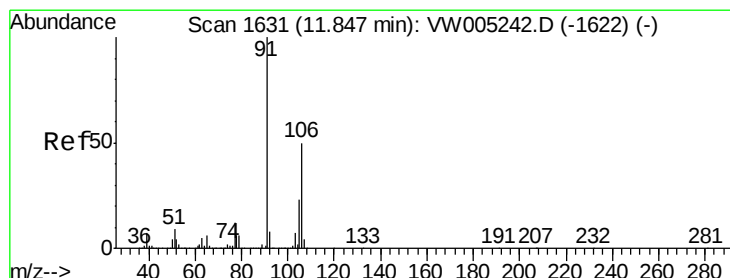
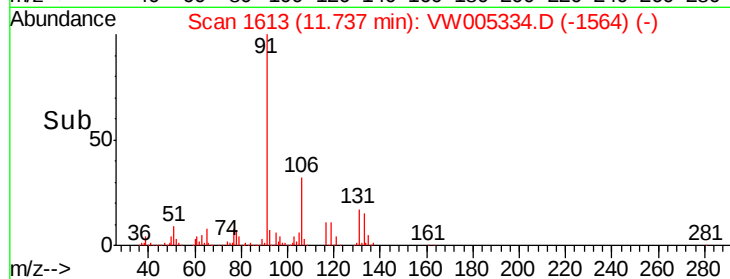
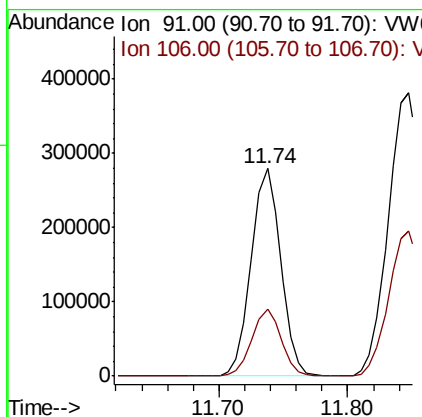
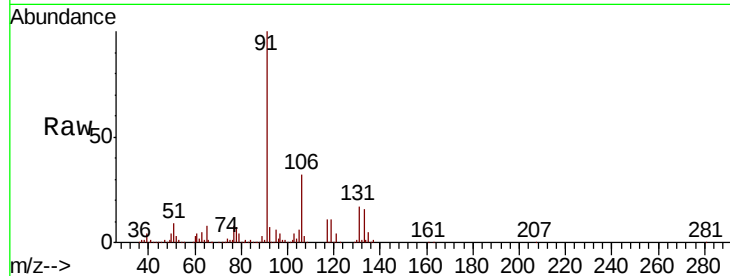
#67
Ethyl Benzene
Concen: 20.52 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion: 91 Resp: 443058
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

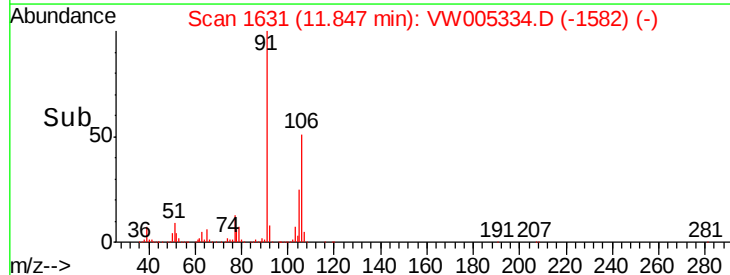
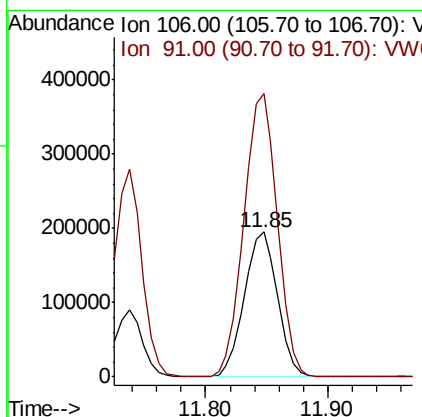
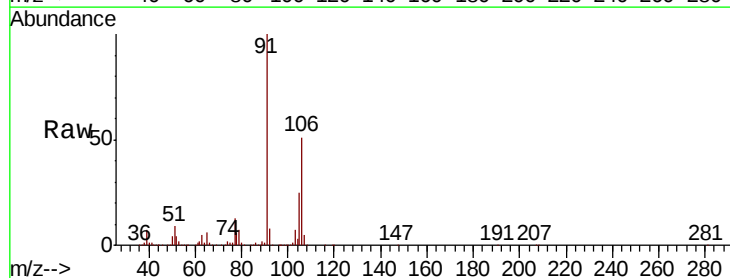
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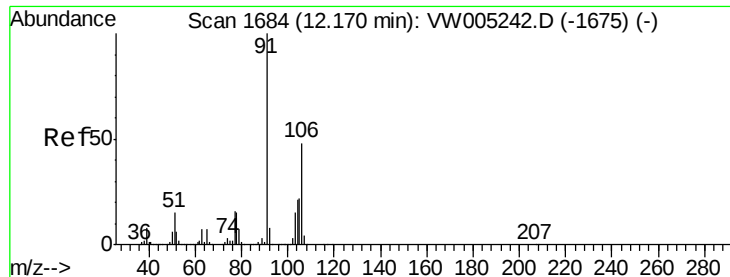
apatel
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#68
m/p-Xylenes
Concen: 42.20 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion: 106 Resp: 367101
Ion Ratio Lower Upper
106 100
91 197.4 160.2 240.2





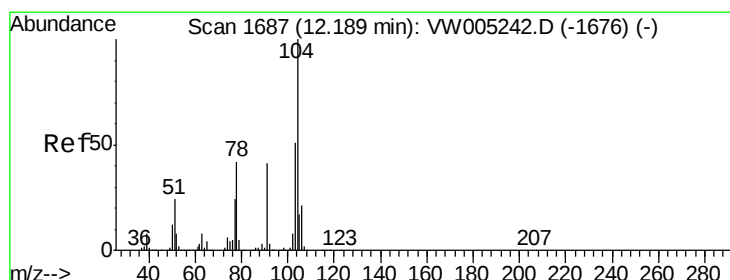
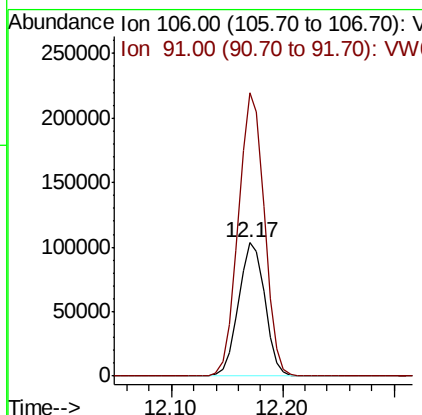
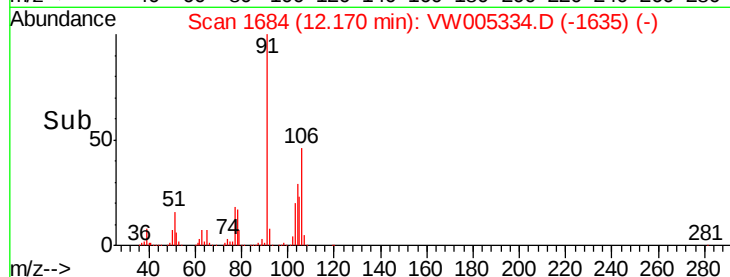
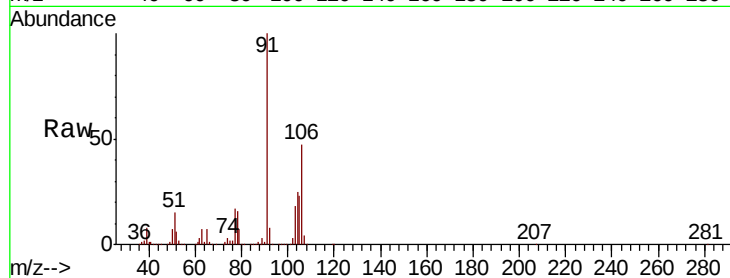
#69
o-Xylene
Concen: 20.96 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion:106 Resp: 169637
Ion Ratio Lower Upper
106 100
91 209.5 104.1 312.3

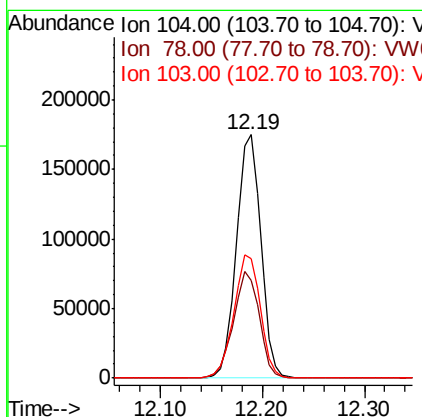
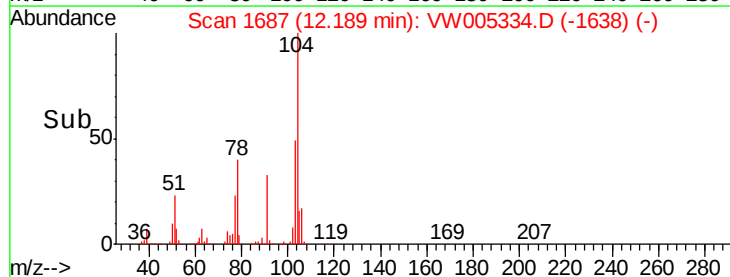
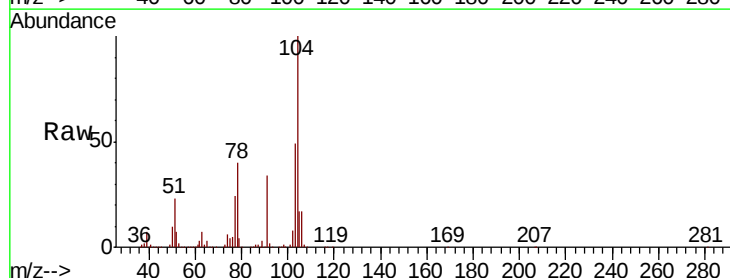
Manual Integrations
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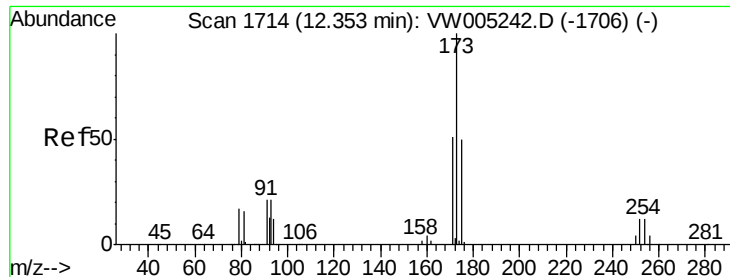
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#70
Styrene
Concen: 21.88 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion:104 Resp: 288980
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.2
103 54.7 44.1 66.1





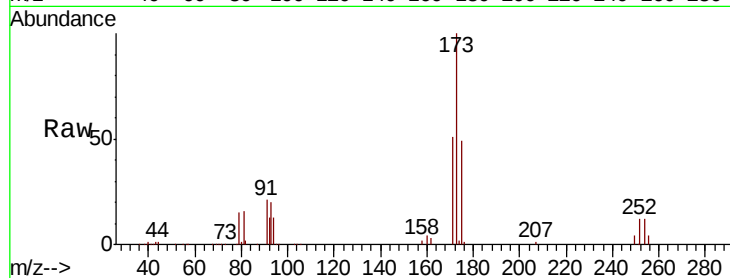
#71
Bromoform
Concen: 23.37 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

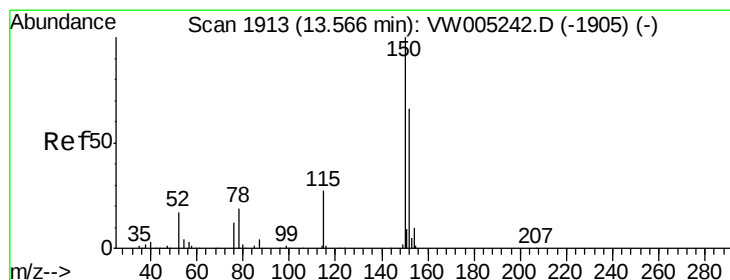
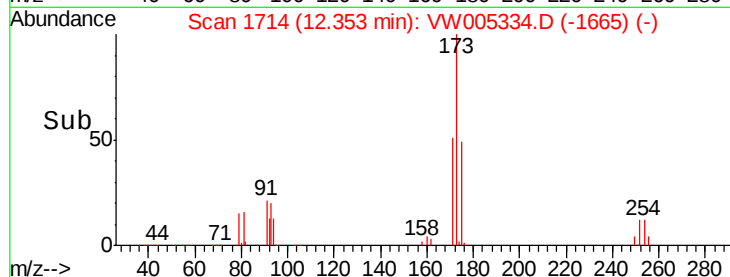
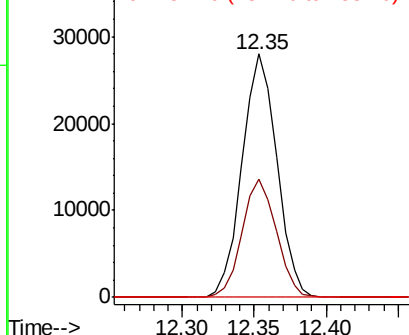
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.9	74.6
254	0.1	0.1	0.1#

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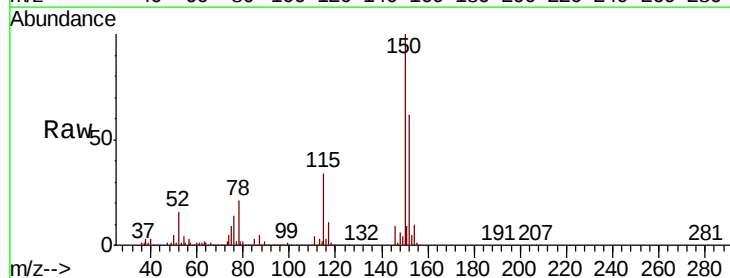


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

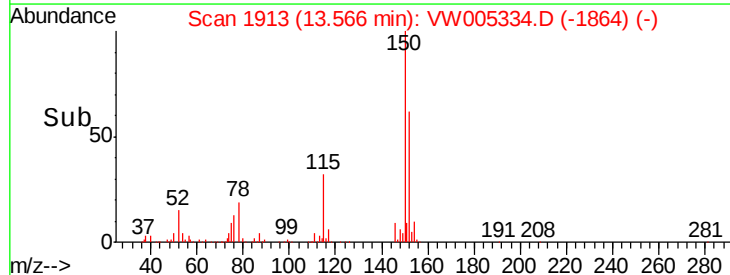
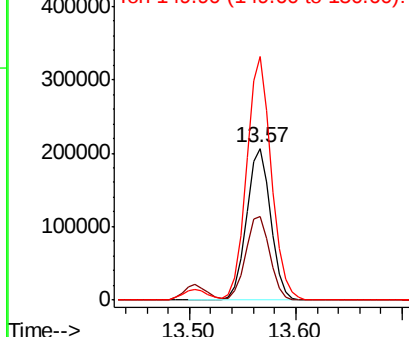


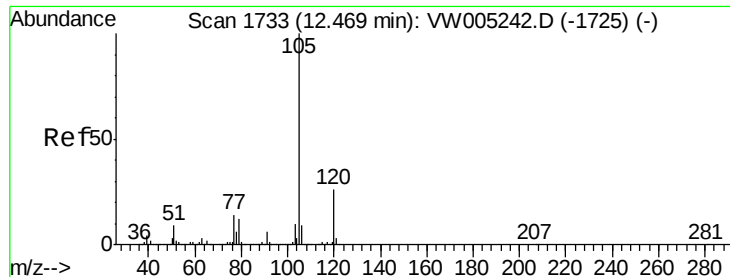
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.5	82.4
150	164.5	0.0	347.4



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





#73

Isopropylbenzene

Concen: 19.56 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 105 Resp: 451583

Ion Ratio Lower Upper

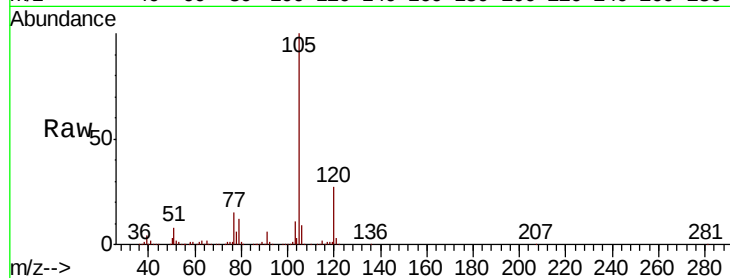
105 100

120 27.2 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

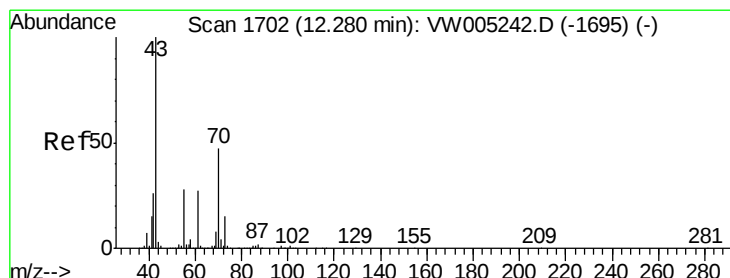
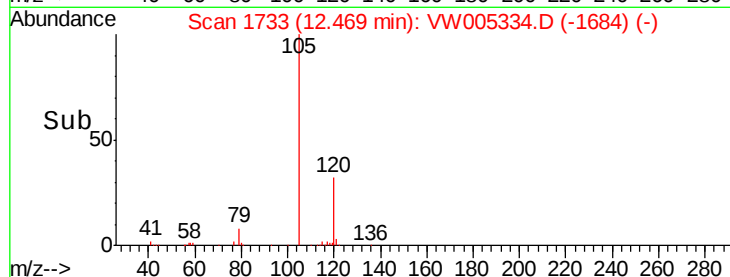
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 21.53 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Tgt Ion: 43 Resp: 94567

Ion Ratio Lower Upper

43 100

70 49.3 37.9 56.9

55 29.6 22.6 33.8

61 26.2 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

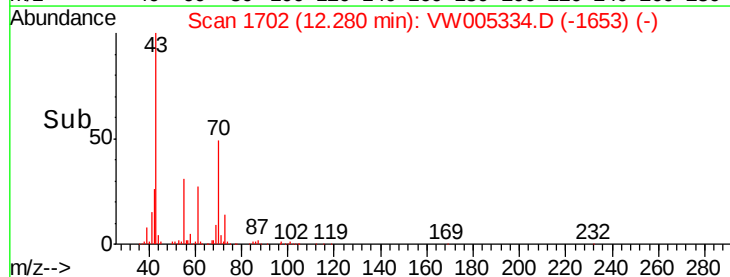
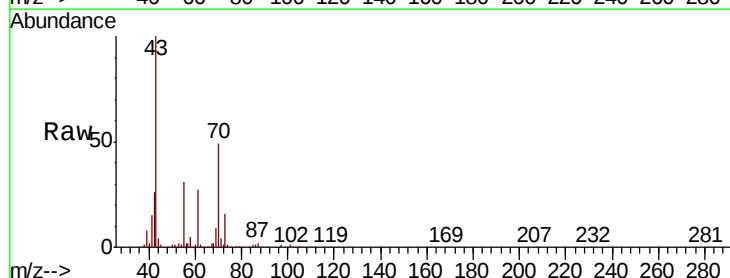
60000

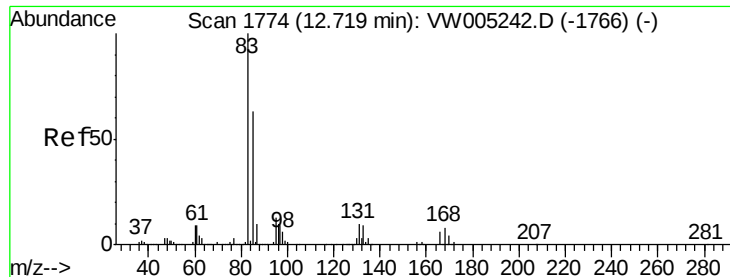
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.38 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

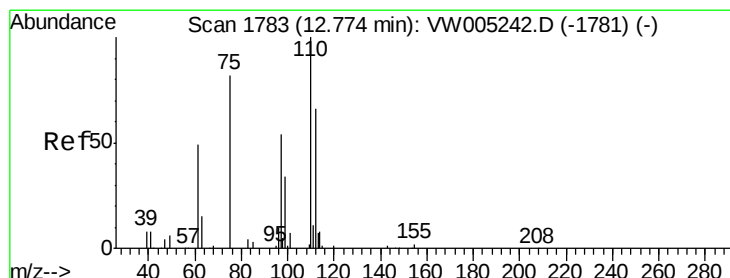
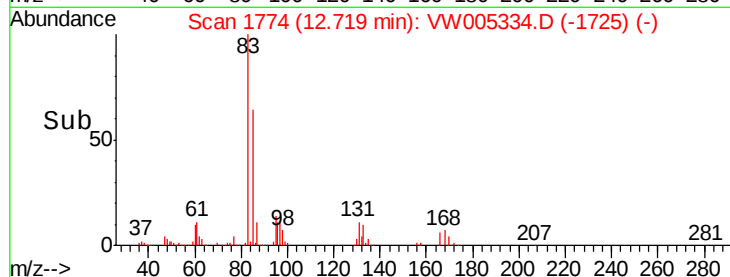
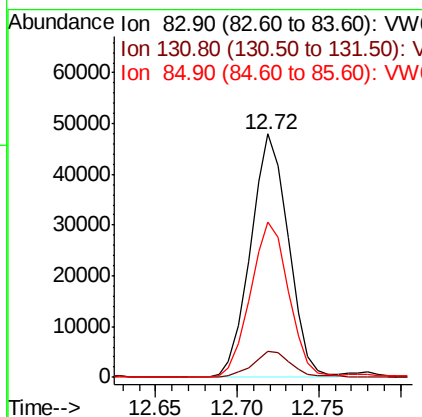
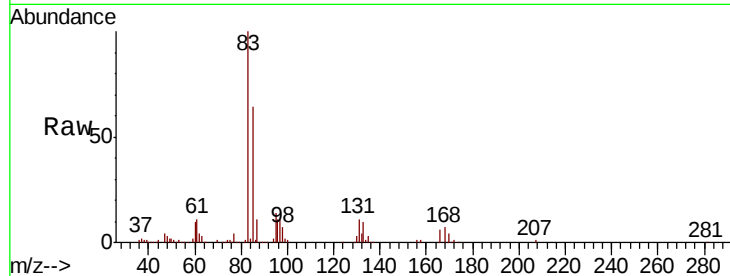
VW0912SBS01

Tot Ion:	83	Resp:	77648
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.3	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 20.73 ug/l m

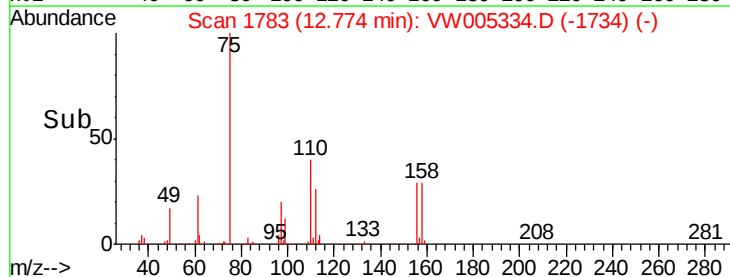
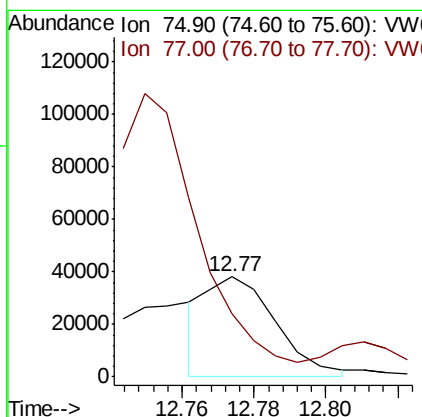
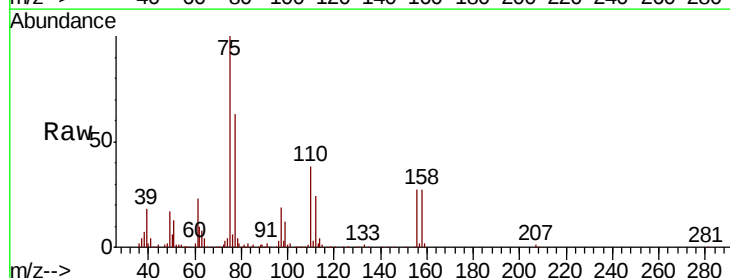
RT: 12.77 min Scan# 1783

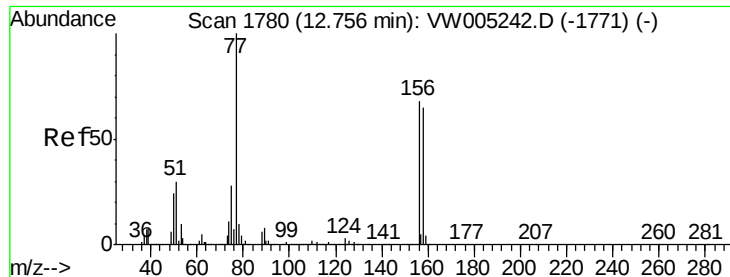
Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Tgt Ion:	75	Resp:	52089
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.40 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

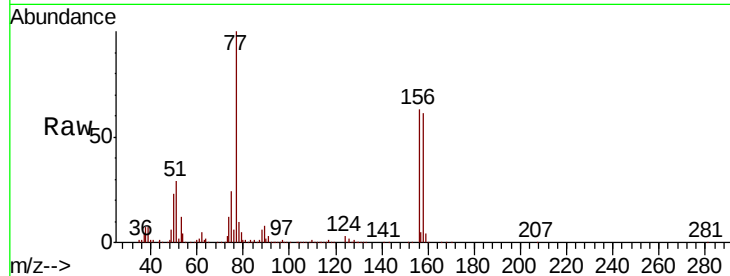
ClientSampleId :

VW0912SBSD01

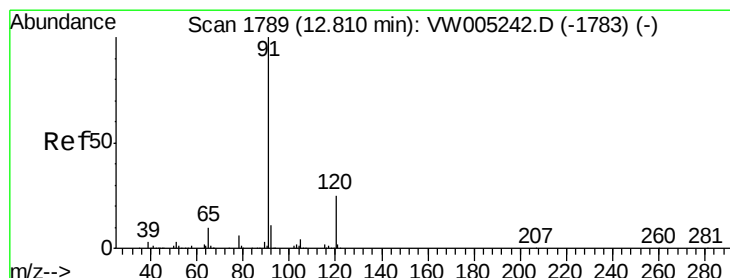
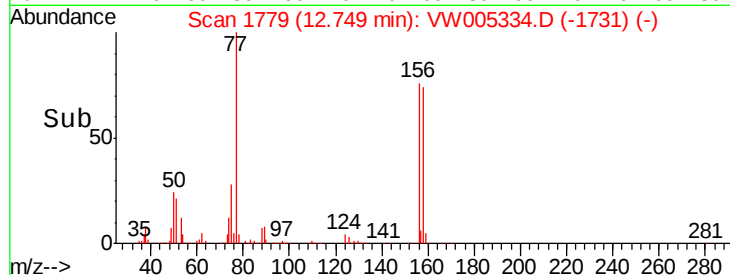
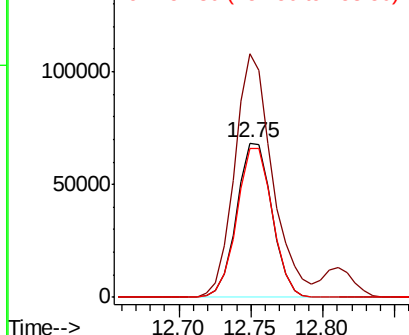
Tot Ion:	156	Resp:	116367
Ion Ratio	Lower	Upper	
156	100		
77	169.2	86.3	258.8
158	97.2	48.6	145.8

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.12 ug/l

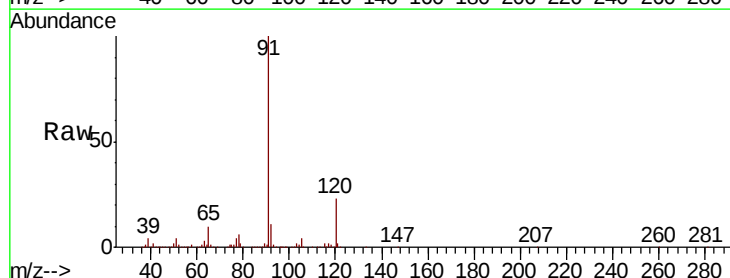
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

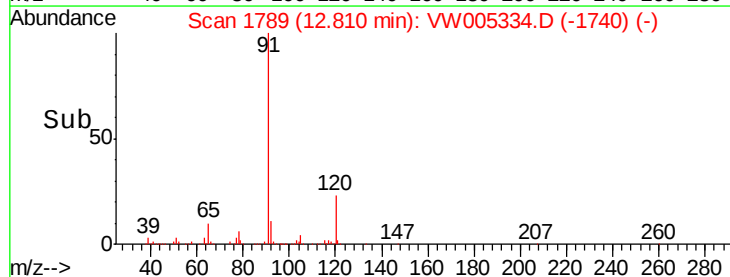
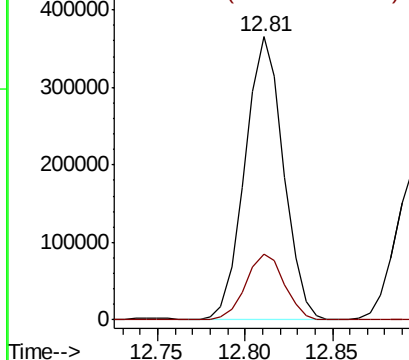
Lab File: VW005334.D

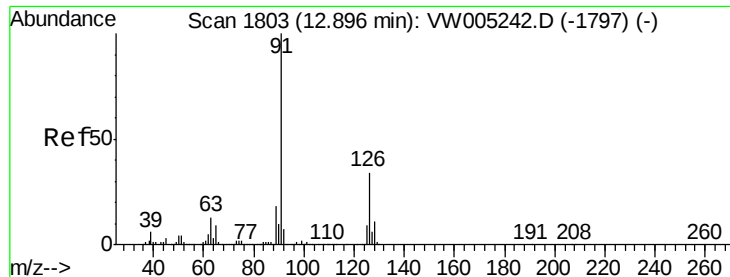
Acq: 12 Sep 2018 18:57

Tgt Ion:	91	Resp:	557857
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





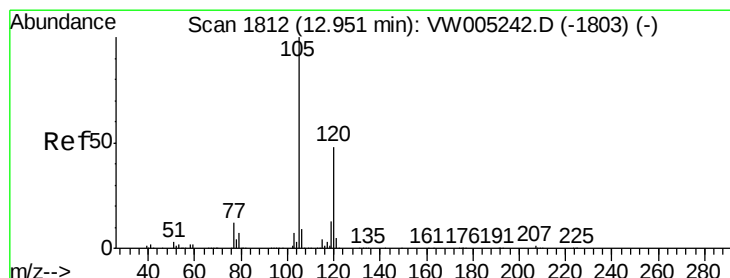
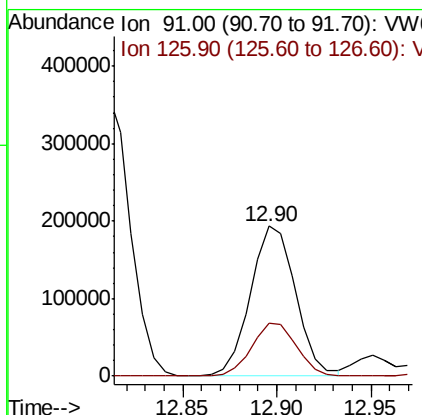
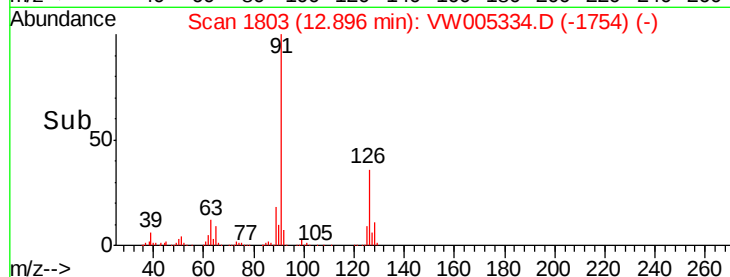
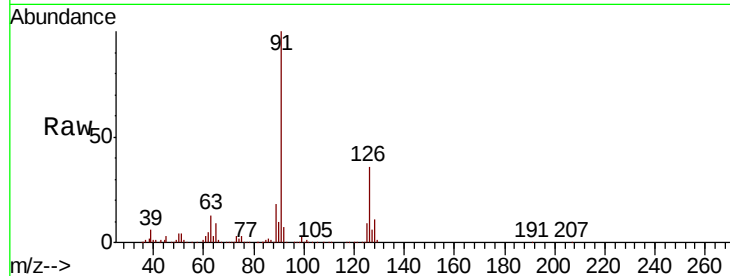
#79
 2-Chlorotoluene
 Concen: 20.20 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.2	51.5

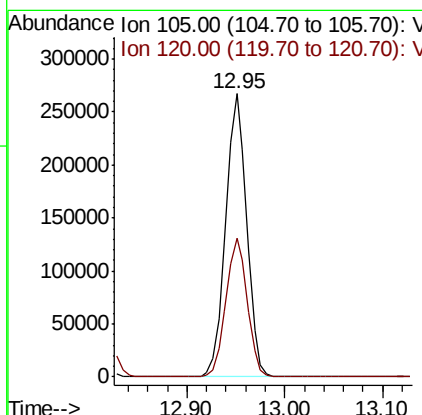
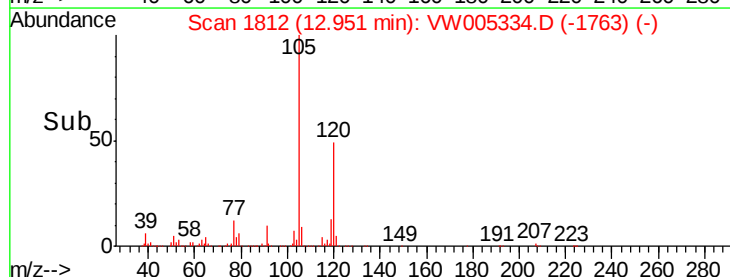
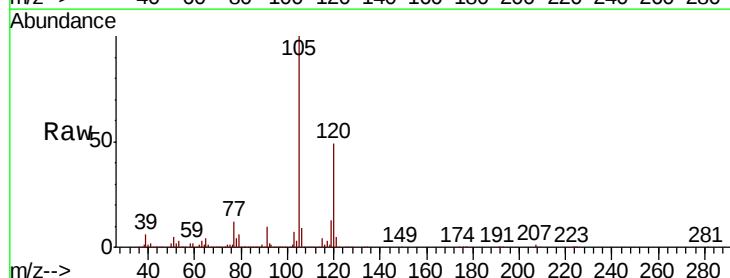
Manual Integrations
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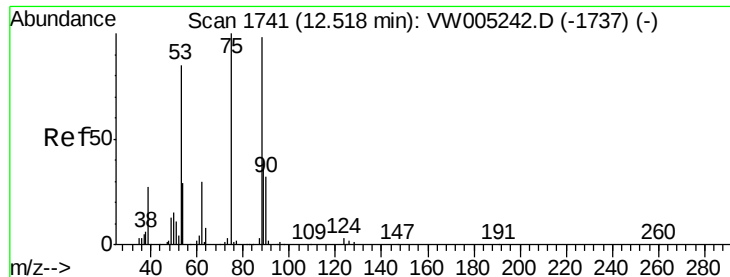
apatel
 9/13/2018 2:18:05 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.22 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.4	73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.20 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 75 Resp: 21645

Ion Ratio Lower Upper

75 100

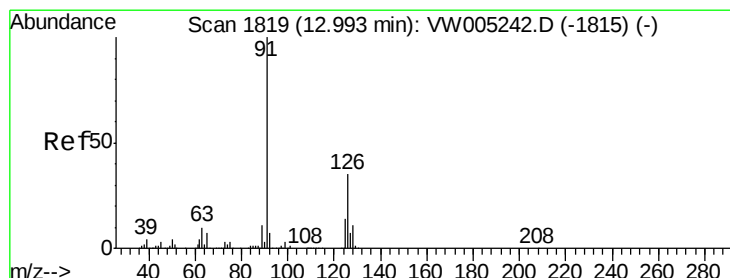
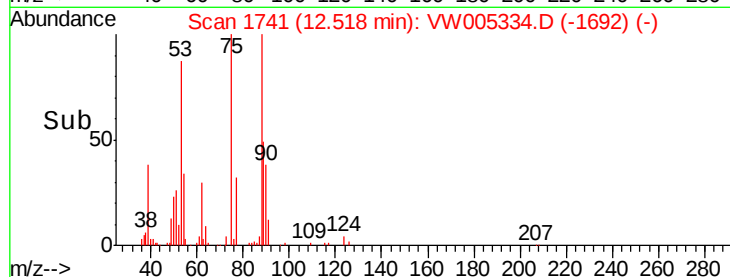
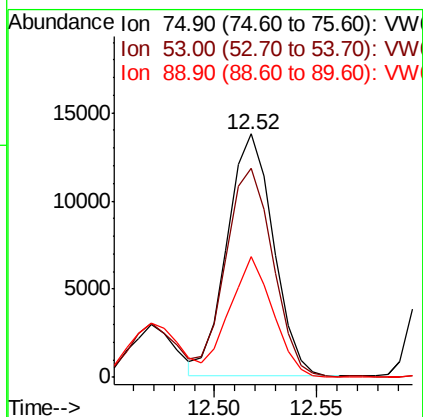
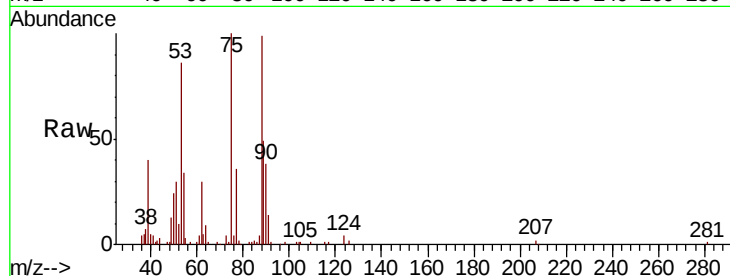
53 88.6 67.0 100.6

89 46.4 37.0 55.4

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#82

4-Chlorotoluene

Concen: 20.58 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005334.D

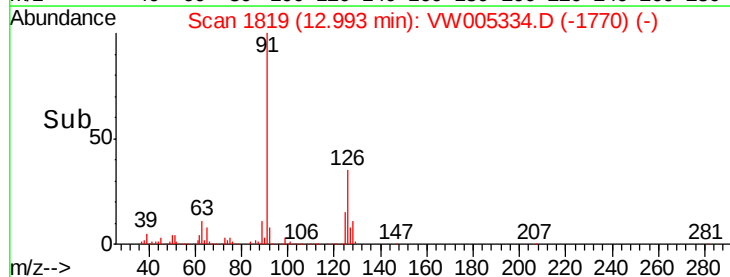
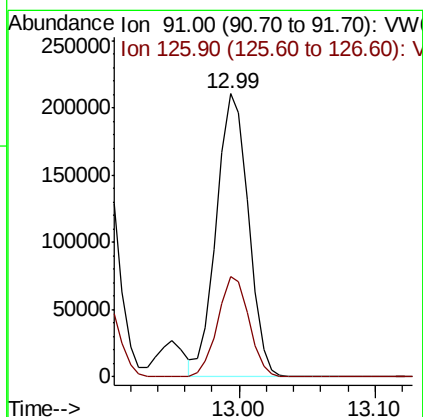
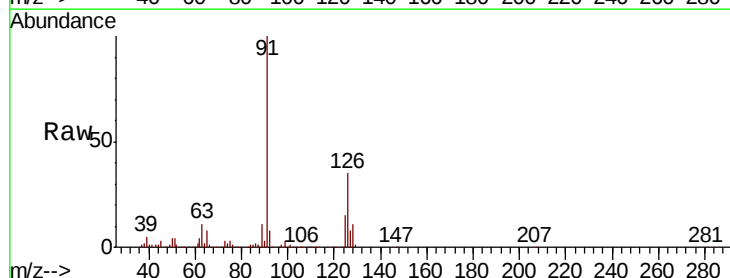
Acq: 12 Sep 2018 18:57

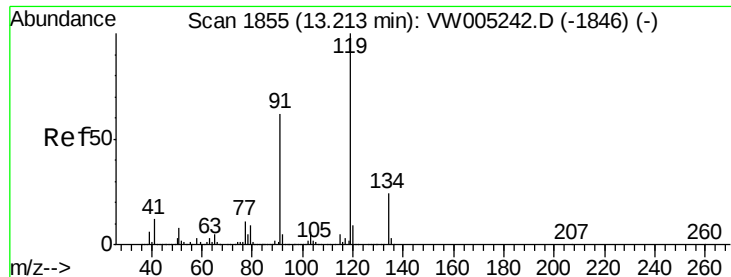
Tgt Ion: 91 Resp: 343907

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5





#83

tert-Butylbenzene

Concen: 19.43 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

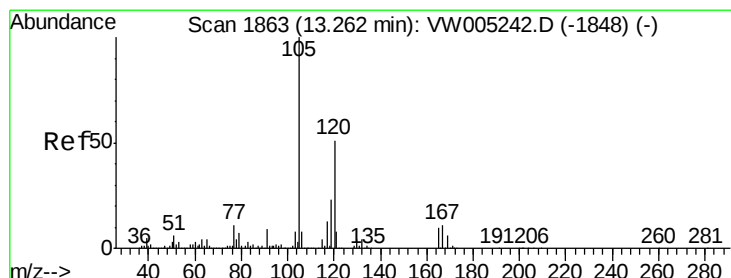
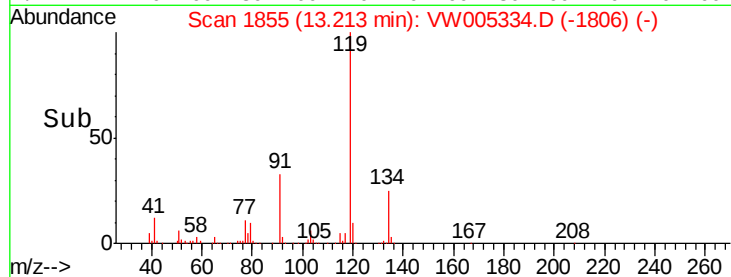
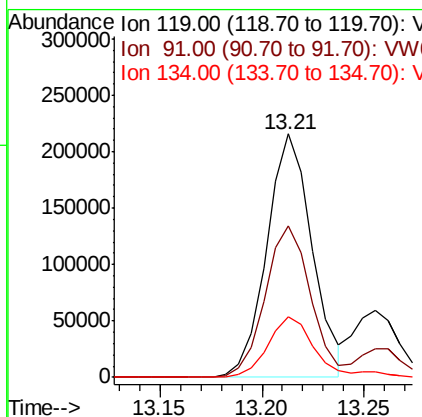
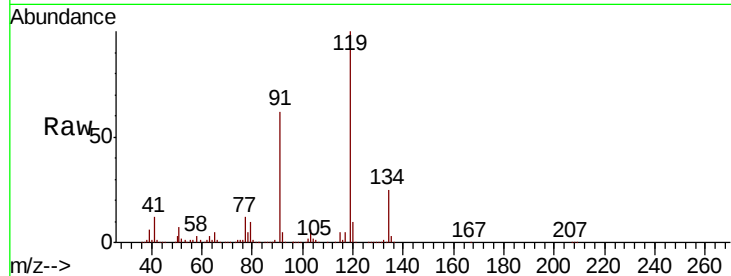
Instrument :
MSVOA_W

ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	333977		
91	62.0	31.7	95.1	
134	26.4	13.0	38.9	

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.57 ug/l

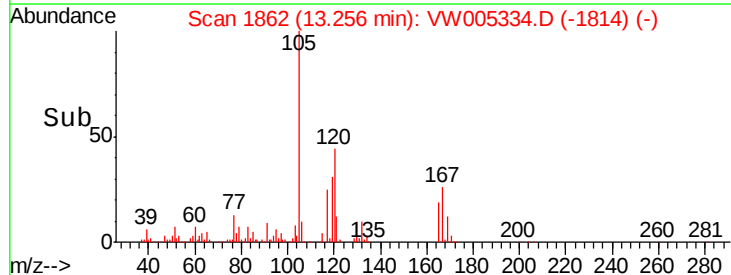
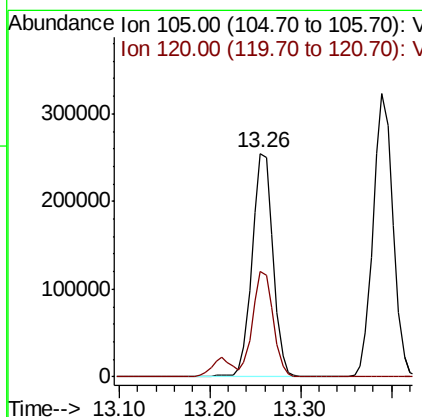
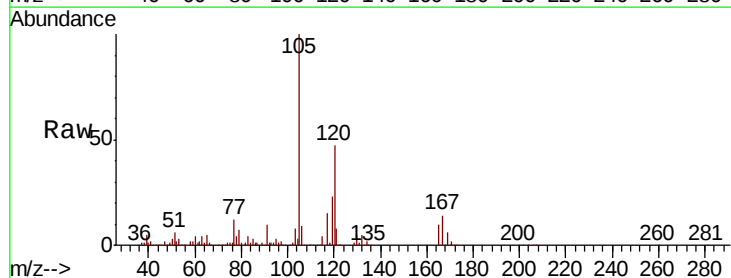
RT: 13.26 min Scan# 1862

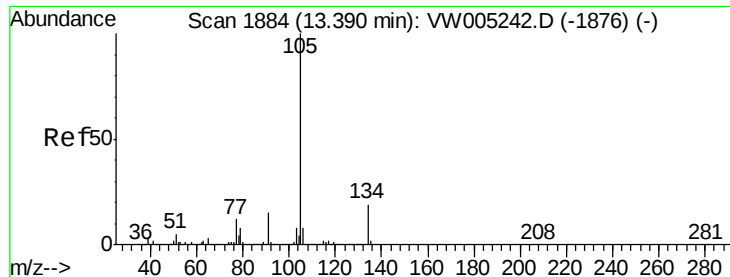
Delta R.T. -0.01 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406358		
120	46.5	23.4	70.3	





#85

sec-Butylbenzene

Concen: 19.87 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion:105 Resp: 491006

Ion Ratio Lower Upper

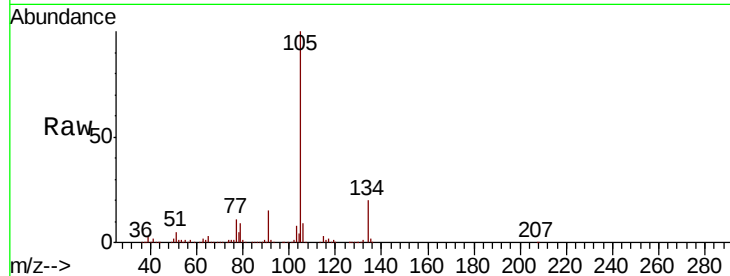
105 100

134 20.3 9.9 29.7

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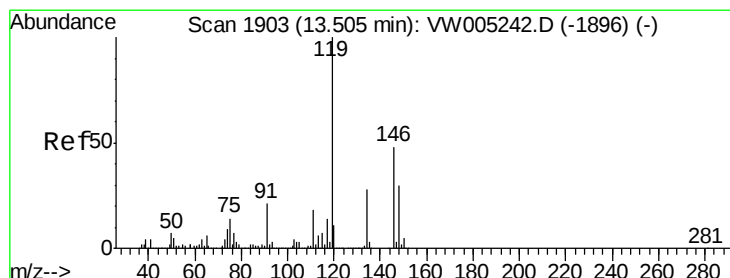
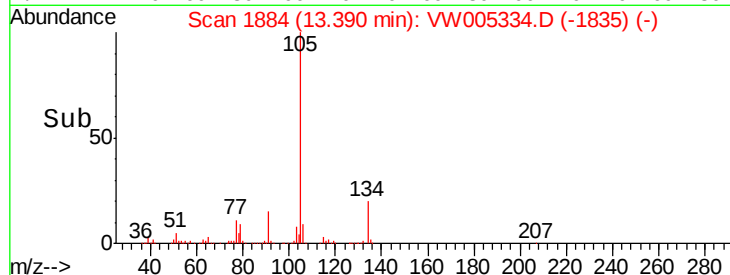
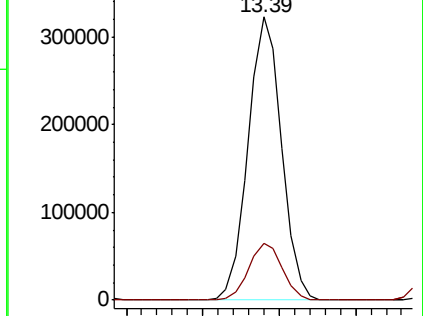
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.08 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005334.D

Acq: 12 Sep 2018 18:57

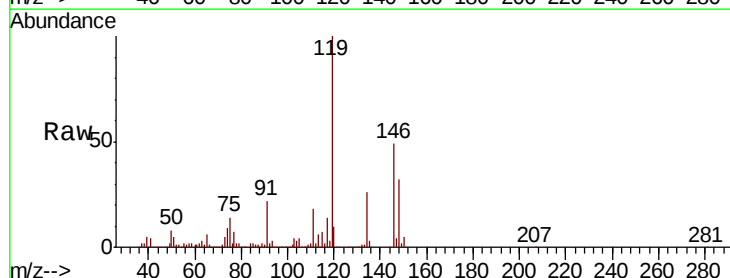
Tgt Ion:119 Resp: 439194

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

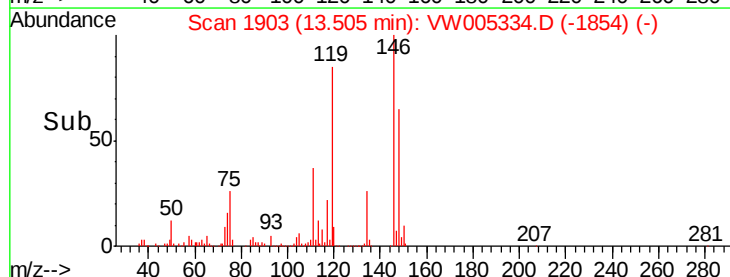
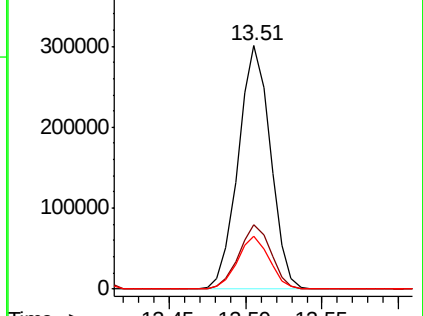
91 21.4 10.7 32.1

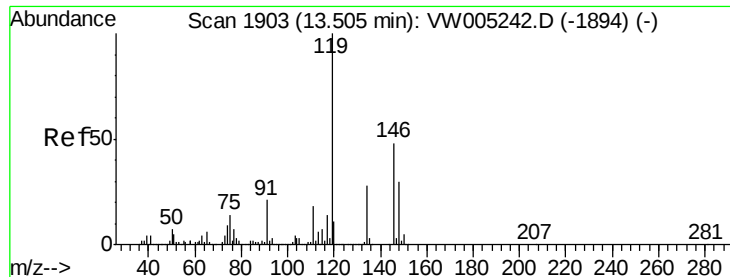


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





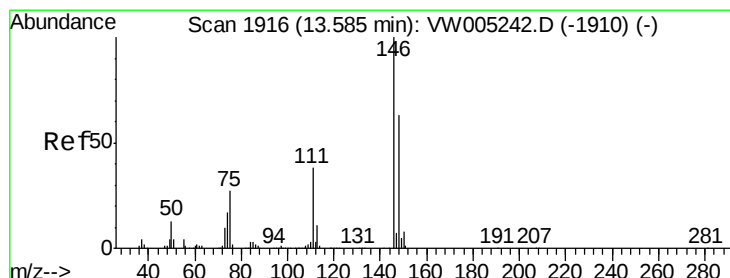
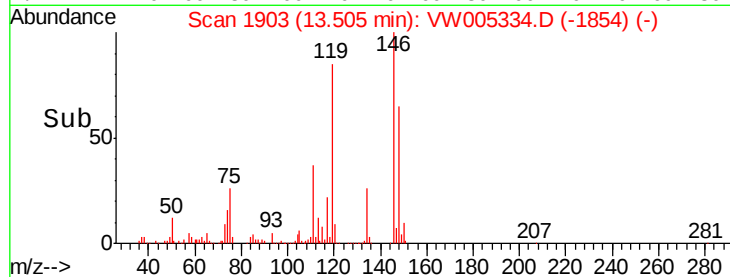
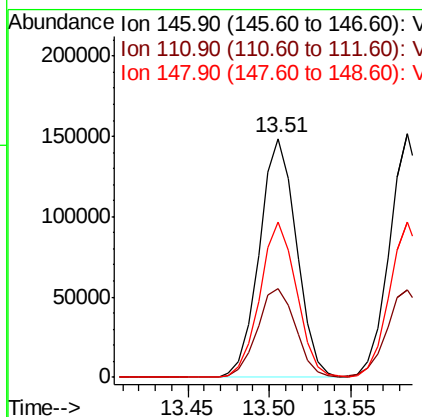
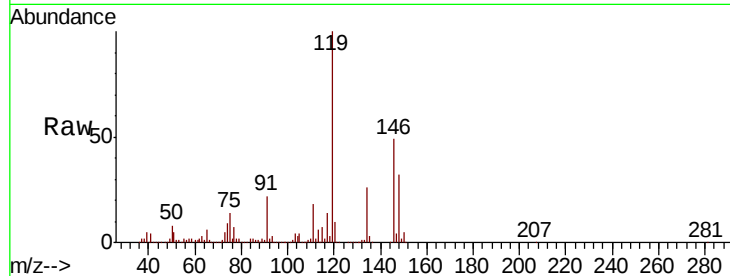
#87
 1,3-Dichlorobenzene
 Concen: 20.59 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	235143		
111	38.4	18.8	56.3	
148	64.4	31.6	94.8	

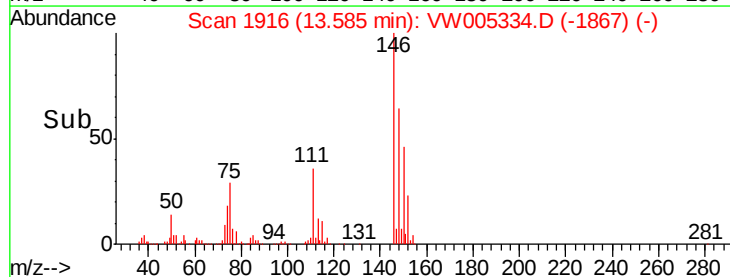
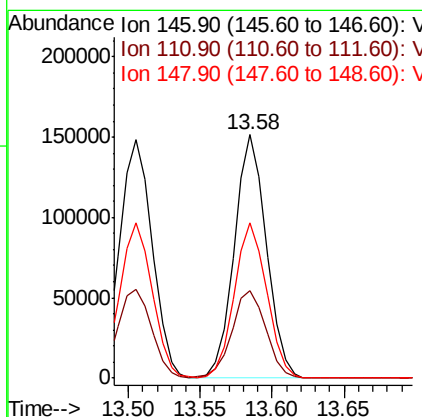
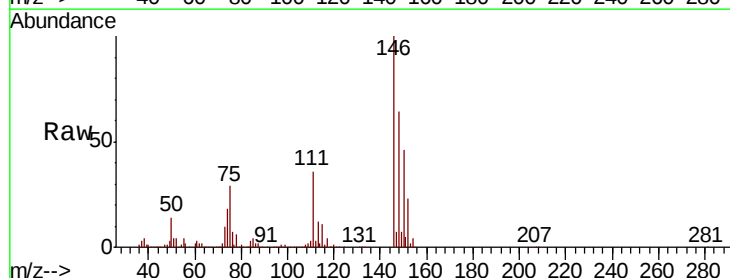
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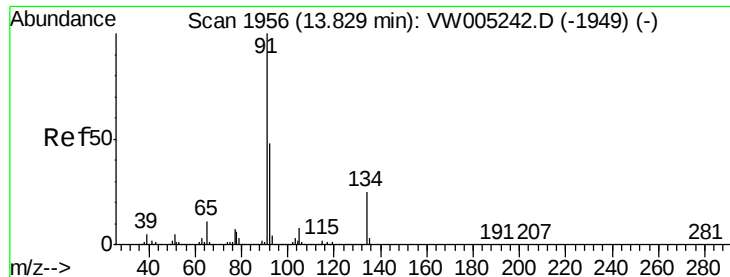
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#88
 1,4-Dichlorobenzene
 Concen: 20.96 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235150		
111	38.3	19.1	57.3	
148	64.4	32.3	96.9	





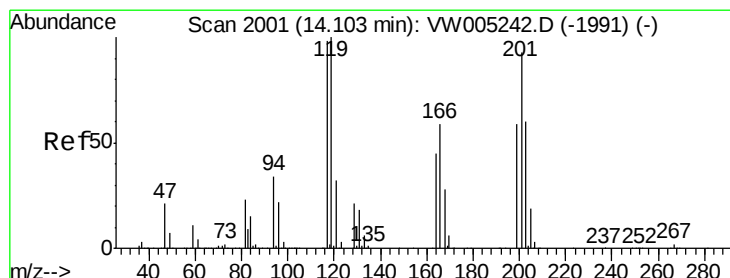
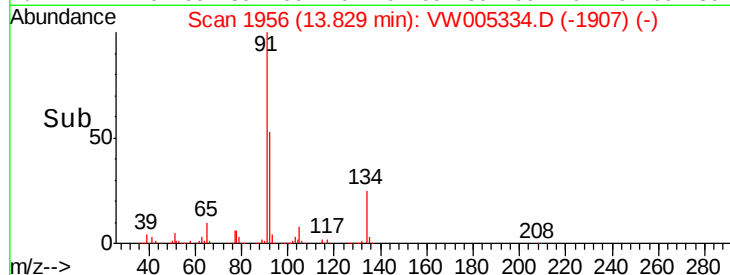
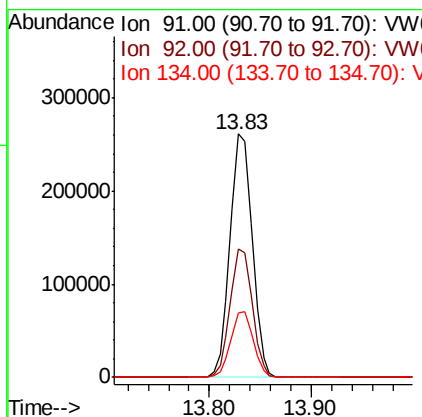
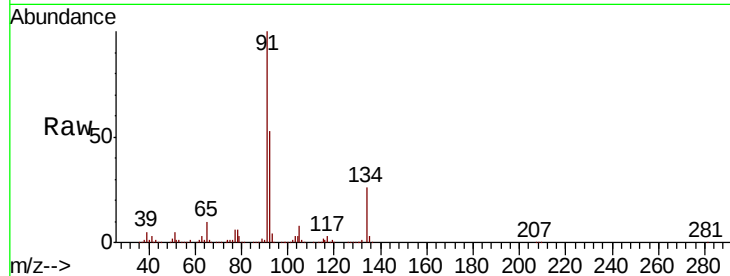
#89
n-Butylbenzene
Concen: 19.13 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.7	25.8	77.3	
134	27.2	13.6	40.8	

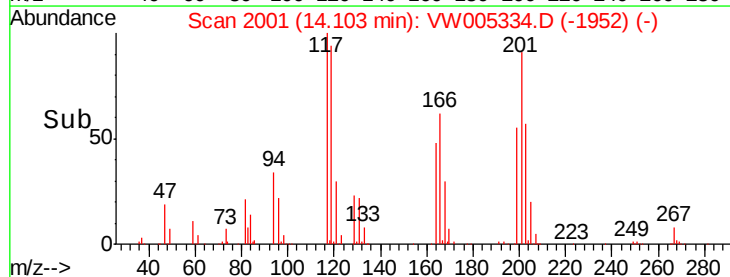
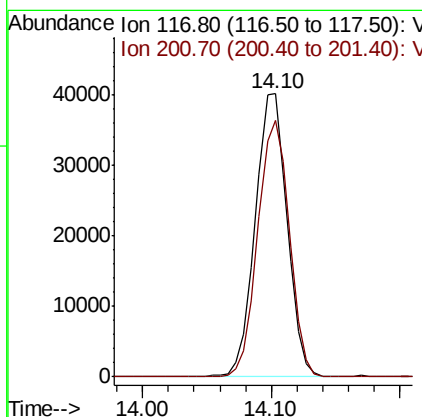
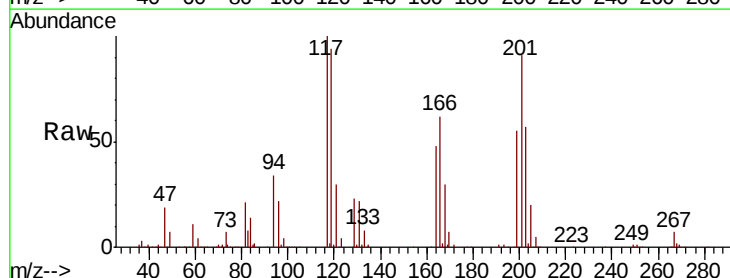
Manual Integrations
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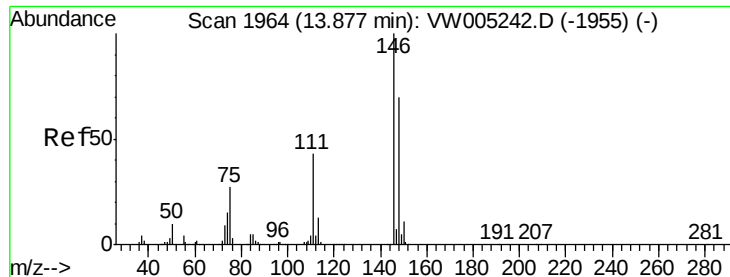
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#90
Hexachloroethane
Concen: 19.61 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.5	44.0	132.1	





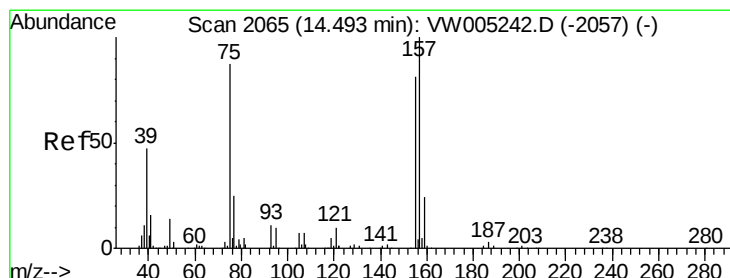
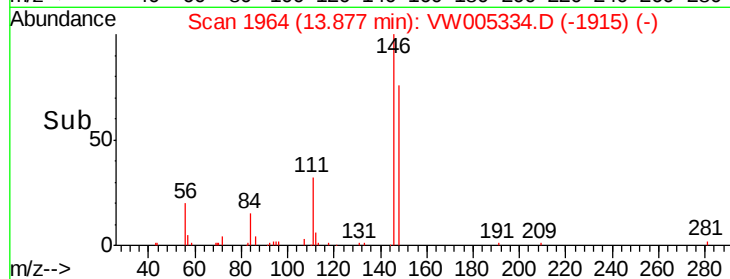
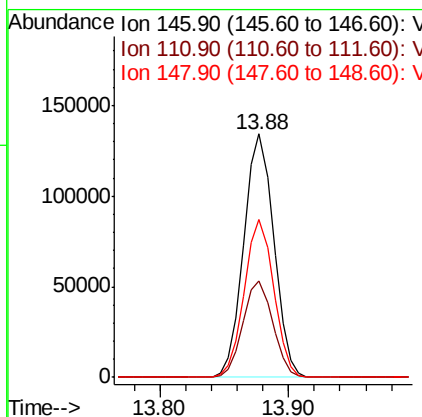
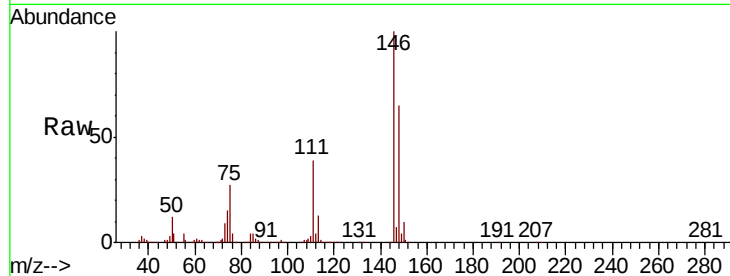
#91
 1,2-Dichlorobenzene
 Concen: 21.53 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.5	61.5
148	63.6	32.7	98.1

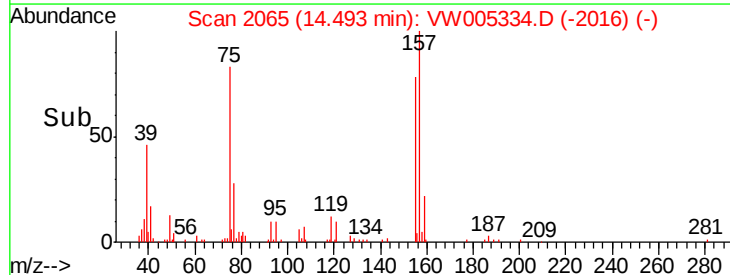
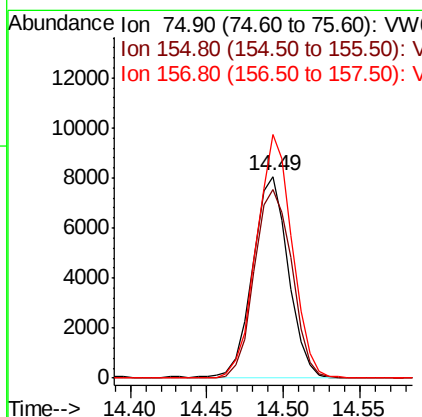
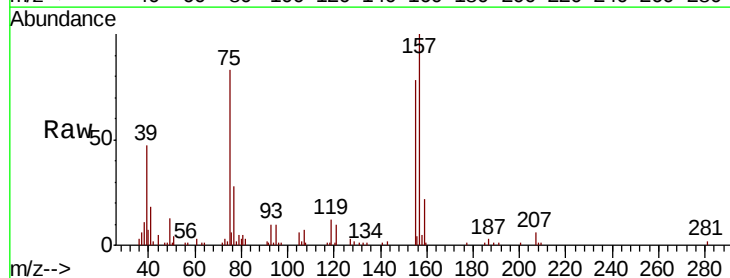
Manual Integrations
 APPROVED

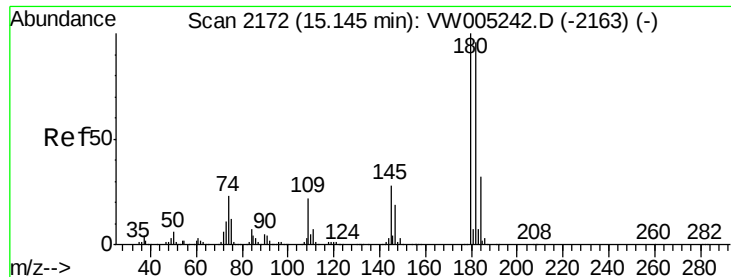
apatel
 9/13/2018 2:18:05 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.65 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	47.4	142.2
157	121.2	59.4	178.2





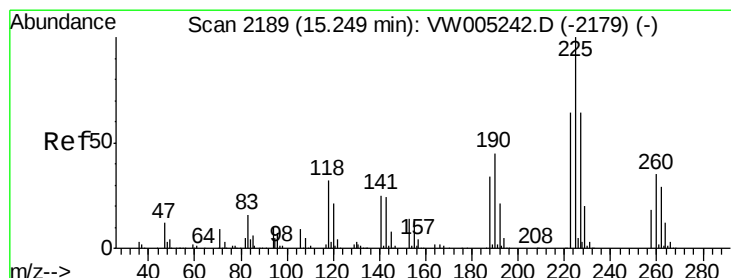
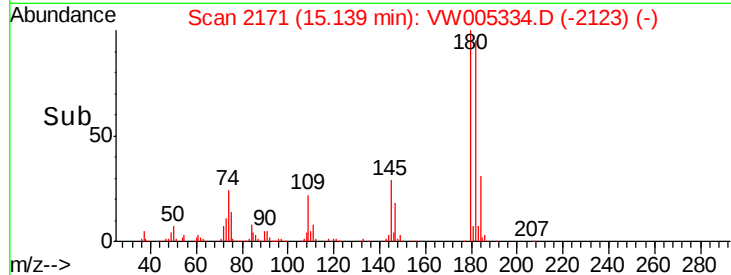
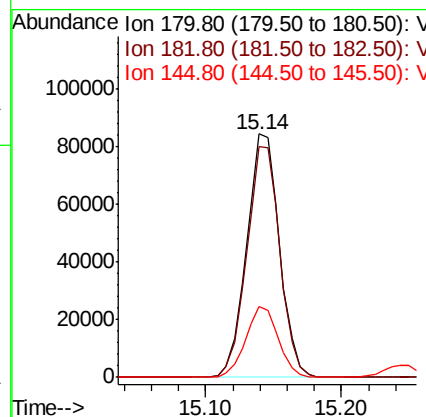
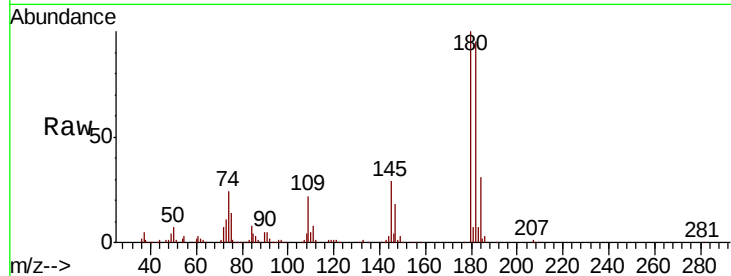
#93
 1,2,4-Trichlorobenzene
 Concen: 20.00 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142021		
182	95.5	48.1	144.4	
145	28.9	14.5	43.6	

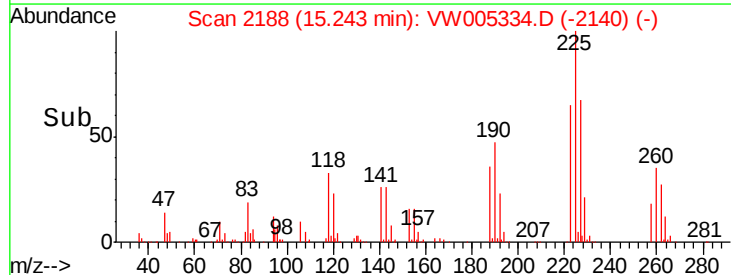
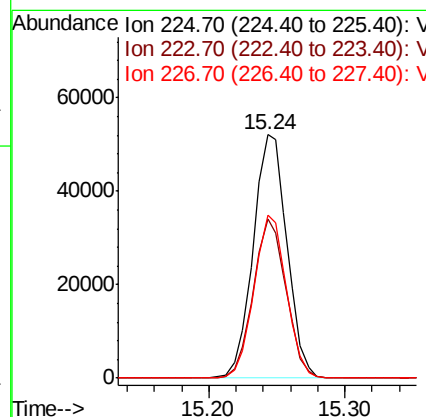
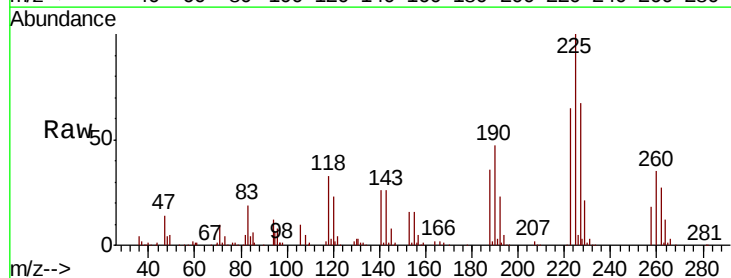
Manual Integrations
 APPROVED

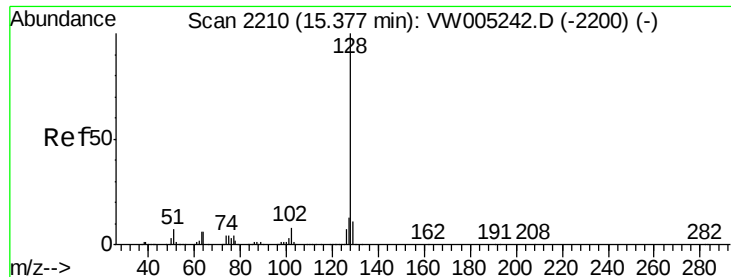
apatel
 9/13/2018 2:18:05 PM



#94
 Hexachlorobutadiene
 Concen: 19.94 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VW005334.D
 Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90646		
223	63.3	31.4	94.2	
227	64.3	32.0	96.0	





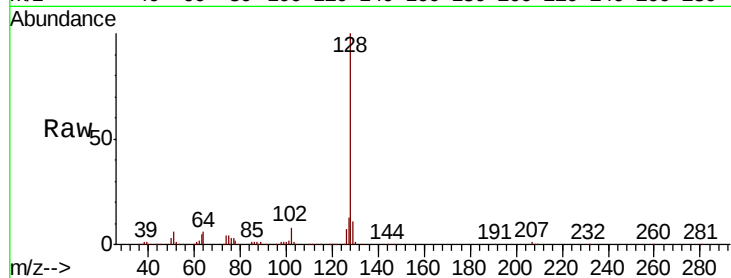
#95
Naphthalene
Concen: 21.22 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	244234		
127	13.2	10.3	15.5	
129	10.8	8.8	13.2	

Manual Integrations
APPROVED

apatel
9/13/2018 2:18:05 PM

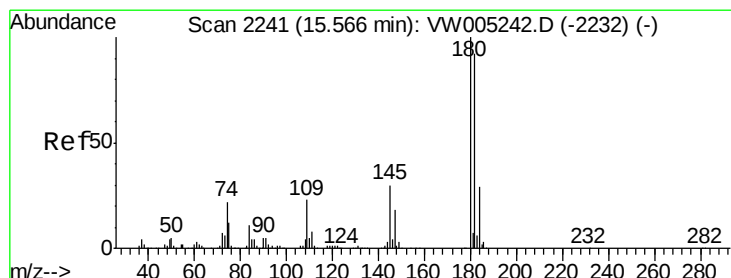
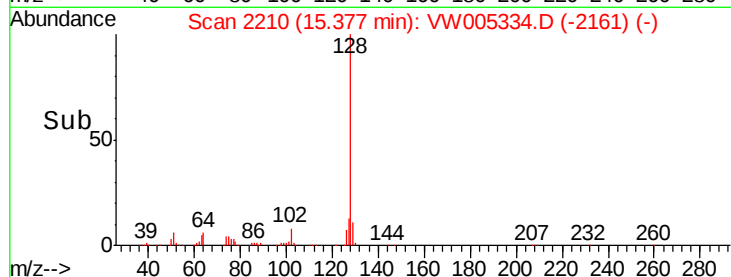
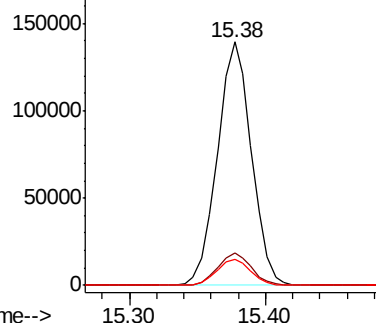


Abundance

Ion 128.00 (127.70 to 128.70): V

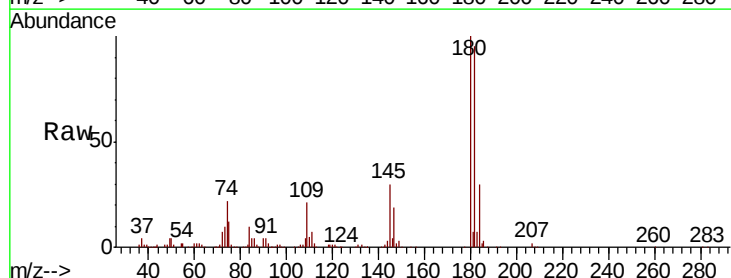
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.06 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005334.D
Acq: 12 Sep 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	128668		
182	95.6	47.2	141.6	
145	30.3	15.2	45.6	



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

