

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004742.D
 Acq On : 17 Aug 2018 19:21
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW081918

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:54:11 AM

Quant Time: Aug 18 01:52:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	700649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1068758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	998536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	534351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	342884	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.88	113	343868	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.33	98	1341078	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	492576	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	226393	48.78	ug/l	97
3) Chloromethane	2.22	50	295036	48.62	ug/l	100
4) Vinyl Chloride	2.37	62	432612	48.43	ug/l	99
5) Bromomethane	2.78	94	268885	48.74	ug/l	100
6) Chloroethane	2.93	64	266180	49.39	ug/l	100
7) Trichlorofluoromethane	3.26	101	200754	47.71	ug/l	99
8) Diethyl Ether	3.68	74	193338	50.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	352574	48.66	ug/l	99
10) Methyl Iodide	4.27	142	549334	49.92	ug/l	99
11) Tert butyl alcohol	5.21	59	105483	278.73	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	354045	49.03	ug/l	100
13) Acrolein	3.89	56	125303	246.73	ug/l	98
14) Allyl chloride	4.66	41	556820	50.82	ug/l	100
15) Acrylonitrile	5.37	53	427749	268.10	ug/l	100
16) Acetone	4.14	43	437571	253.05	ug/l	99
17) Carbon Disulfide	4.38	76	1166503	49.16	ug/l	100
18) Methyl Acetate	4.67	43	200670	54.15	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	509323	54.34	ug/l	97
20) Methylene Chloride	4.91	84	398939	50.58	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	386112	50.26	ug/l	98
22) Diisopropyl ether	6.31	45	1116886	53.03	ug/l	99
23) Vinyl Acetate	6.26	43	3294276	276.54	ug/l	99
24) 1,1-Dichloroethane	6.21	63	686105	50.13	ug/l	99
25) 2-Butanone	7.18	43	657570	266.89	ug/l	98
26) 2,2-Dichloropropane	7.17	77	366415	46.35	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	419789	50.76	ug/l	99
28) Bromochloromethane	7.51	49	304620	52.85	ug/l	98
29) Tetrahydrofuran	7.54	42	350725	279.16	ug/l	99
30) Chloroform	7.68	83	669755	49.76	ug/l	98
31) Cyclohexane	7.96	56	647444	48.91	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	525629	49.26	ug/l	99
36) 1,1-Dichloropropene	8.09	75	542226	49.25	ug/l	100
37) Ethyl Acetate	7.26	43	233287	53.15	ug/l	99
38) Carbon Tetrachloride	8.07	117	492467	48.59	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	709214	51.51	ug/l	99
40) Benzene	8.32	78	1582996	49.47	ug/l	100
41) Methacrylonitrile	7.49	41	133003	53.40	ug/l	97
42) 1,2-Dichloroethane	8.40	62	414953	50.57	ug/l	100
43) Isopropyl Acetate	8.43	43	430432	54.60	ug/l	99
44) Trichloroethene	9.09	130	396062	48.76	ug/l	100
45) 1,2-Dichloropropane	9.37	63	390613	49.91	ug/l	100
46) Dibromomethane	9.46	93	192426	49.63	ug/l	99
47) Bromodichloromethane	9.65	83	466144	50.34	ug/l	99
48) Methyl methacrylate	9.44	41	205528	55.56	ug/l	100
49) 1,4-Dioxane	9.48	88	63240	1116.32	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1476308	277.08	ug/l	100
52) Toluene	10.39	92	958196	49.93	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	485898	52.08	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	574051	51.61	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	280665	50.92	ug/l	99
56) Ethyl methacrylate	10.65	69	367661	51.00	ug/l	100
57) 1,3-Dichloropropane	10.93	76	491587	51.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	857897	281.84	ug/l	99
59) 2-Hexanone	10.98	43	1012463	280.45	ug/l	100
60) Dibromochloromethane	11.13	129	317172	51.29	ug/l	100
61) 1,2-Dibromoethane	11.24	107	269344	51.12	ug/l	99
64) Tetrachloroethene	10.87	164	338904	49.66	ug/l	99
65) Chlorobenzene	11.66	112	1060239	49.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	359698	49.57	ug/l	100
67) Ethyl Benzene	11.74	91	1854484	50.90	ug/l	99
68) m/p-Xylenes	11.85	106	1447796	102.14	ug/l	99
69) o-Xylene	12.17	106	685001	52.20	ug/l	99
70) Styrene	12.18	104	1153477	52.33	ug/l	100
71) Bromoform	12.35	173	199389	52.06	ug/l #	99
73) Isopropylbenzene	12.47	105	1882396	51.78	ug/l	100
74) N-amyl acetate	12.28	43	424671	49.89	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	347820	51.65	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	271171m	57.57	ug/l	
77) Bromobenzene	12.75	156	438141	49.79	ug/l	98
78) n-propylbenzene	12.81	91	2295844	51.75	ug/l	100
79) 2-Chlorotoluene	12.90	91	1300949	50.88	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1606917	52.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	107118	52.86	ug/l	99
82) 4-Chlorotoluene	12.99	91	1371265	50.47	ug/l	100
83) tert-Butylbenzene	13.21	119	1383770	52.38	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1664059	52.37	ug/l	100
85) sec-Butylbenzene	13.39	105	2038711	51.69	ug/l	99
86) p-Isopropyltoluene	13.51	119	1793542	52.27	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	897342	50.14	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	890454	49.77	ug/l	99
89) n-Butylbenzene	13.83	91	1739948	52.44	ug/l	100
90) Hexachloroethane	14.10	117	313502	50.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	808797	50.31	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	57693	54.82	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	604362	53.15	ug/l	100
94) Hexachlorobutadiene	15.24	225	351347	50.34	ug/l	99
95) Naphthalene	15.38	128	1125981	51.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	536902	53.25	ug/l	99

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

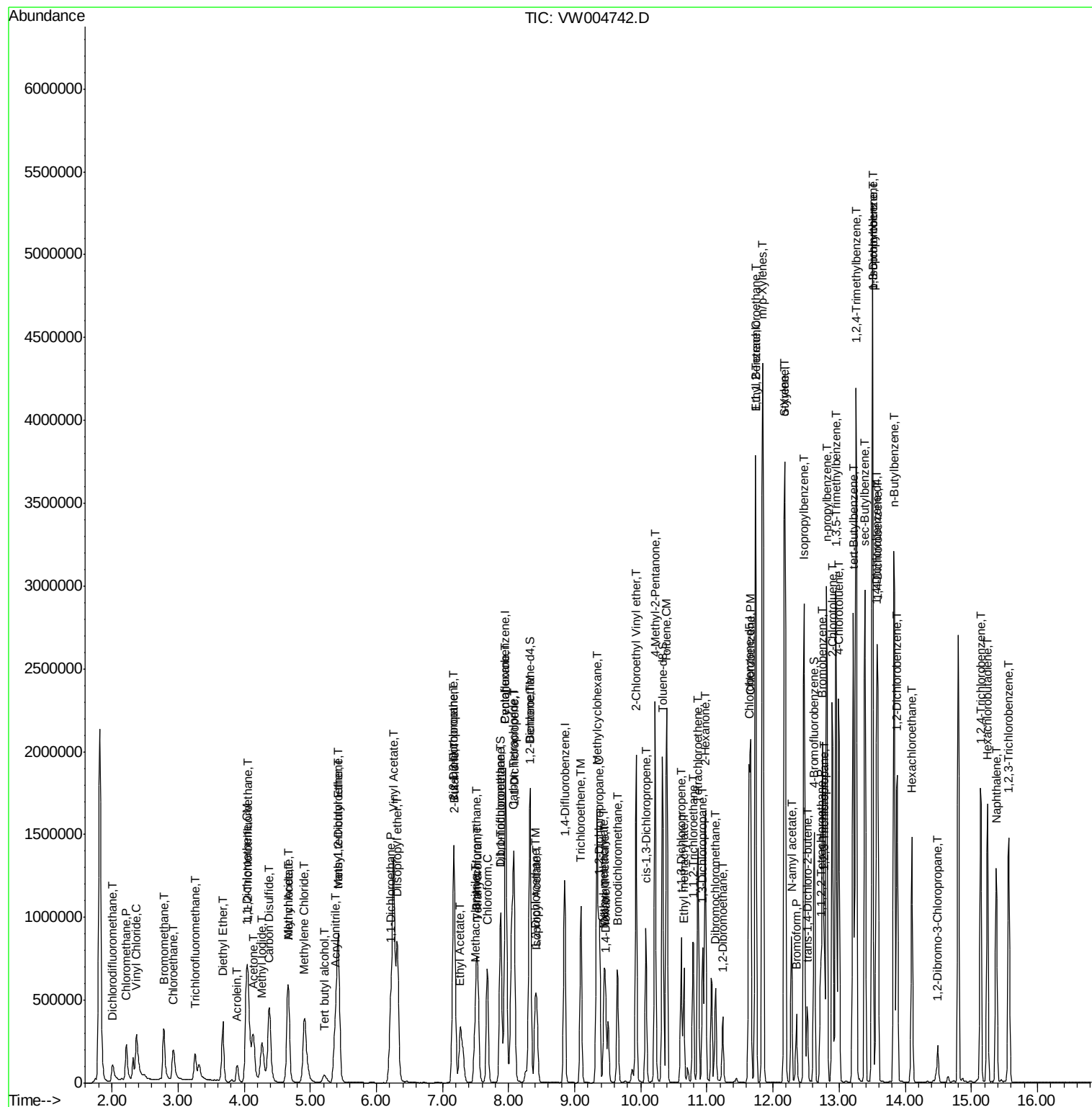
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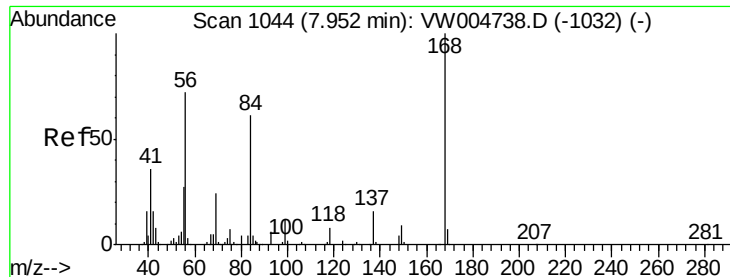
Instrument :
MSVOA_W
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion:168 Resp: 700649

Ion Ratio Lower Upper

168 100

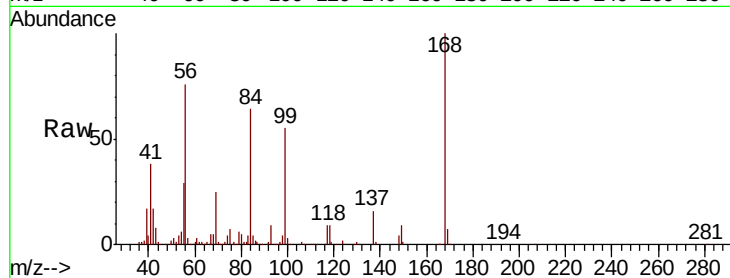
99 55.0 41.0 61.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

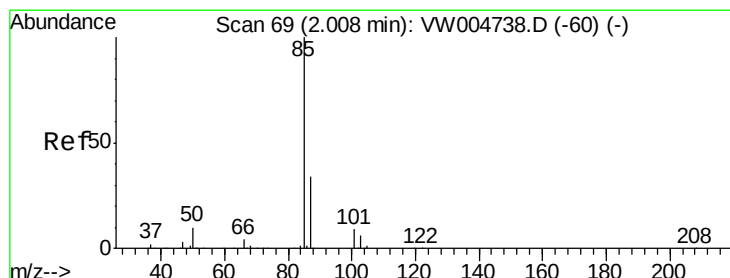
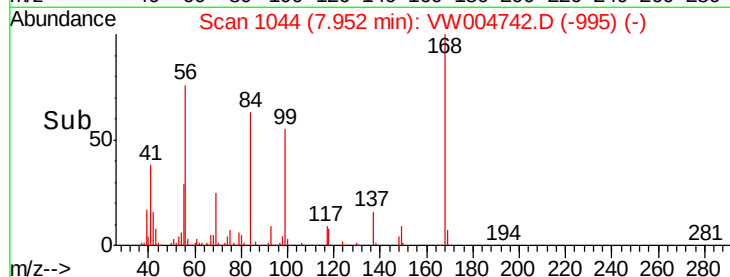
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.78 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004742.D

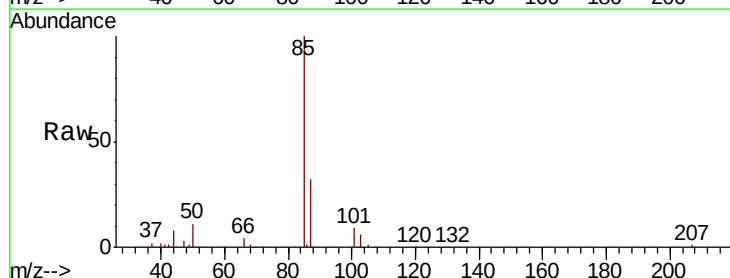
Acq: 17 Aug 2018 19:21

Tgt Ion: 85 Resp: 226393

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

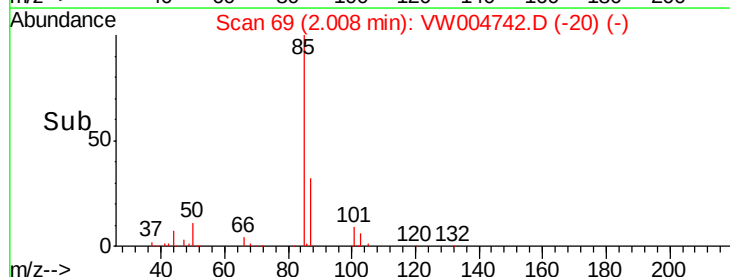
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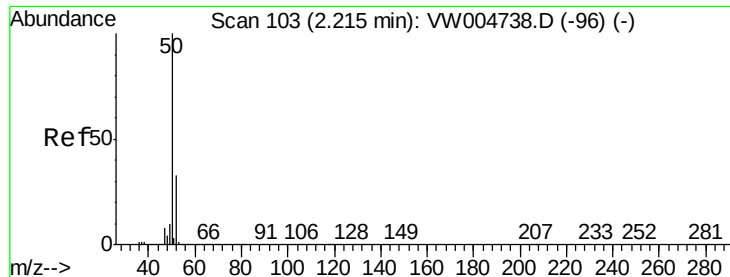
20000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 48.62 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion: 50 Resp: 295036

Ion Ratio Lower Upper

50 100

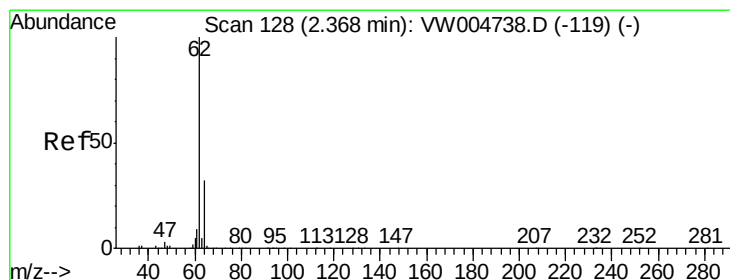
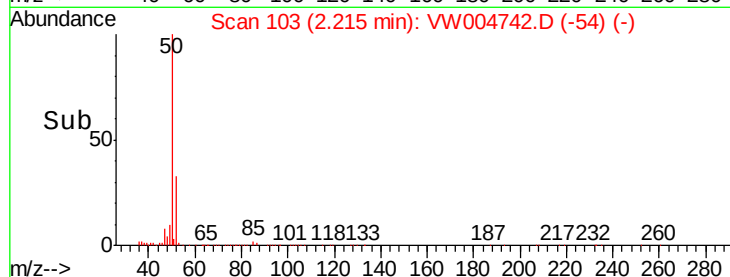
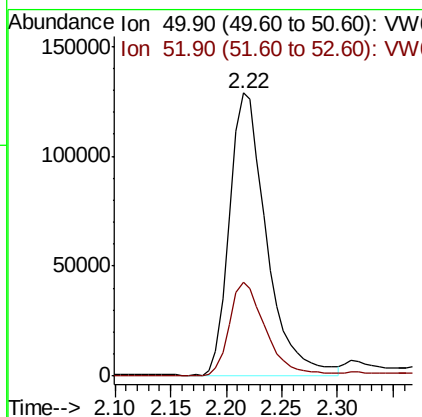
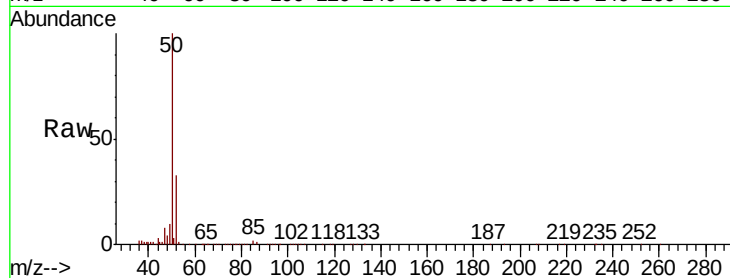
52 33.1 26.7 40.1

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#4

Vinyl Chloride

Concen: 48.43 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004742.D

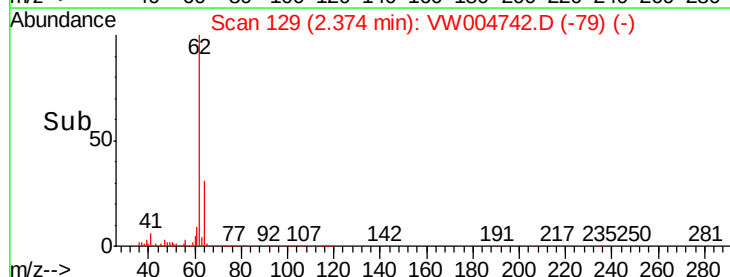
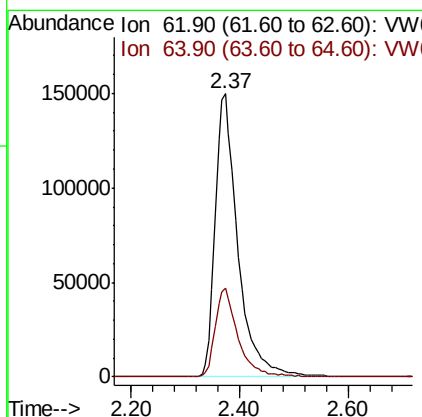
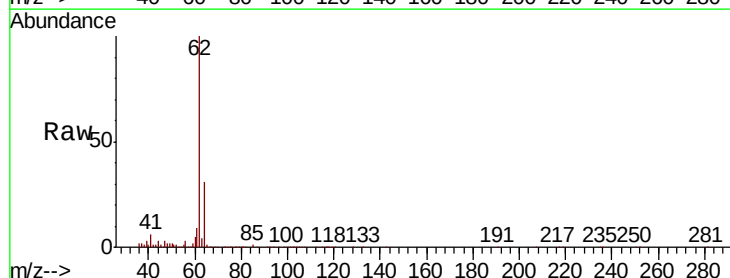
Acq: 17 Aug 2018 19:21

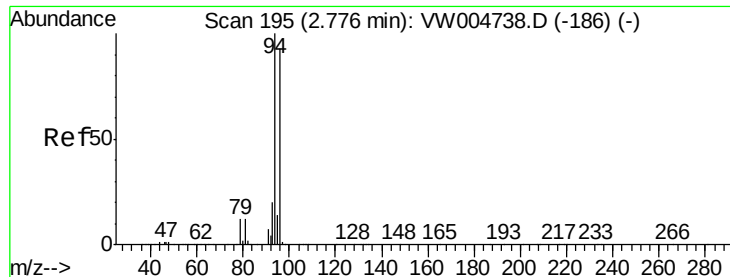
Tgt Ion: 62 Resp: 432612

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 48.74 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 268885

Ion Ratio Lower Upper

94 100

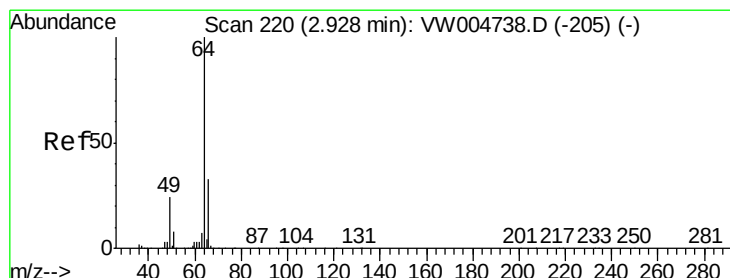
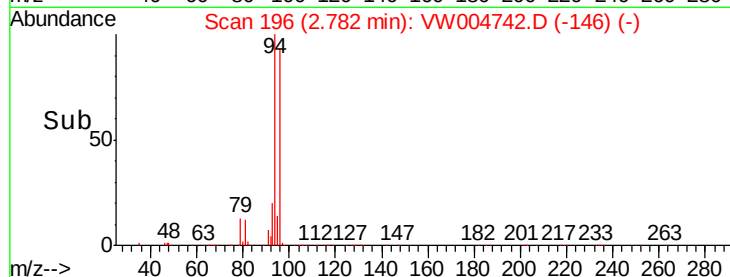
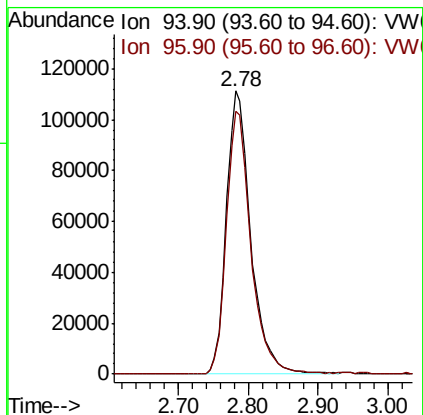
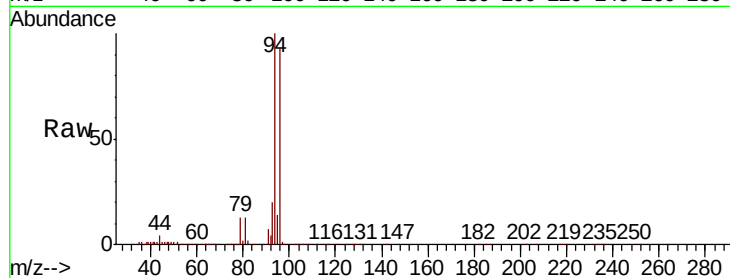
96 92.9 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 49.39 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004742.D

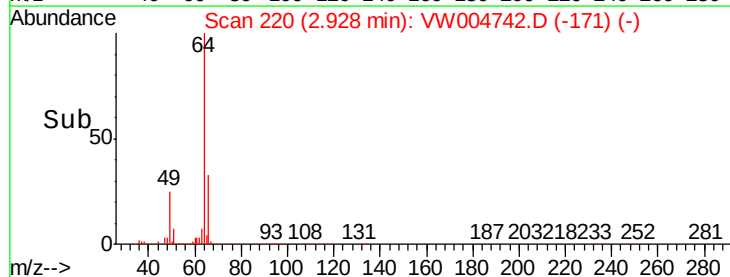
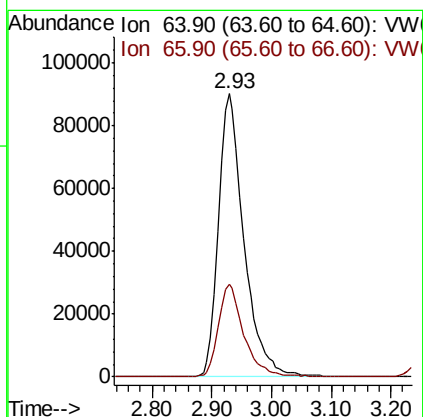
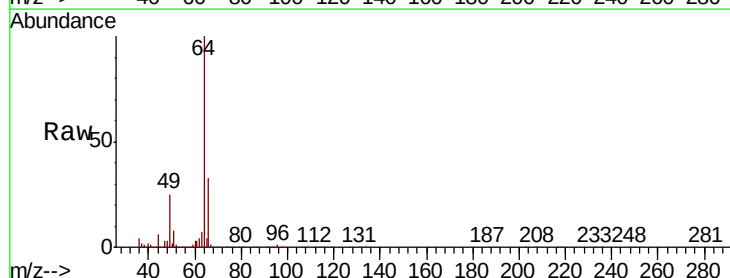
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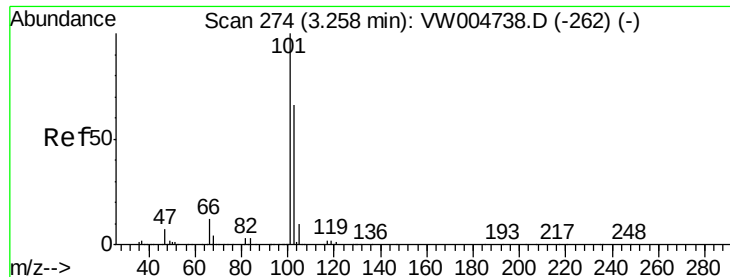
Tgt Ion: 64 Resp: 266180

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1





#7

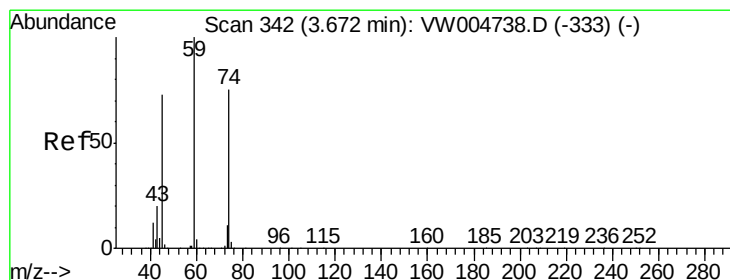
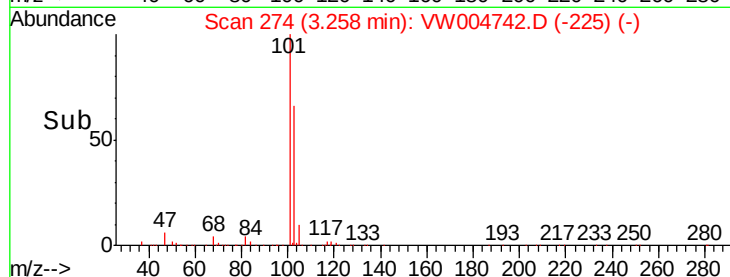
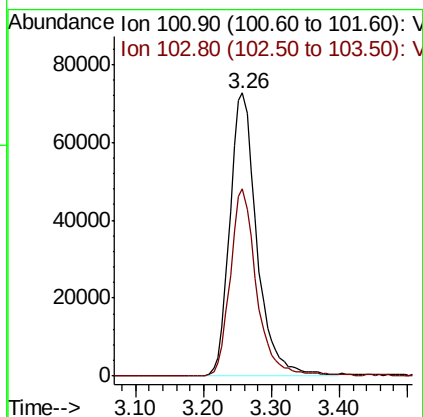
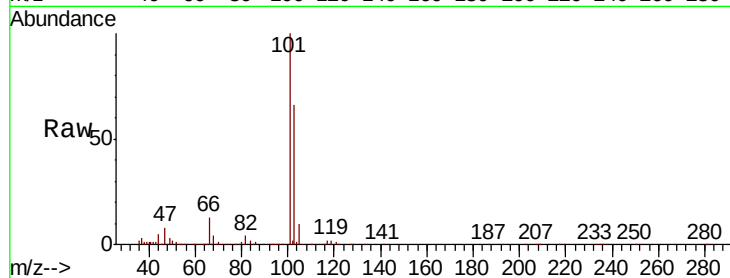
Trichlorofluoromethane
 Concen: 47.71 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

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 ICVVW081918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		200754		
103	66.0	52.5	78.7		

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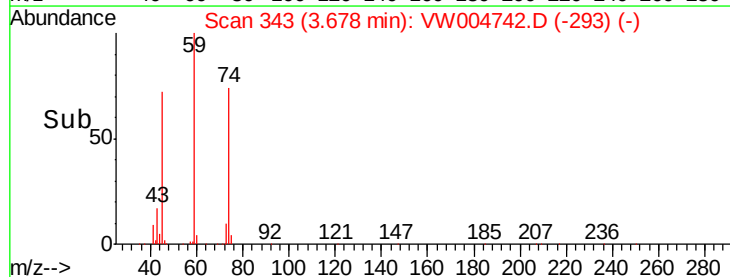
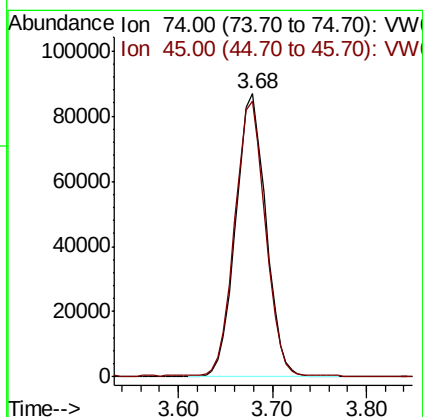
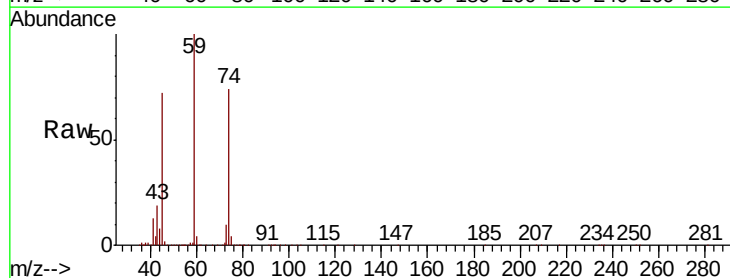
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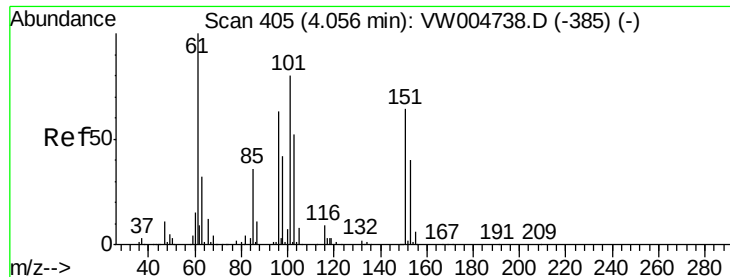


#8

Diethyl Ether
 Concen: 50.82 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		193338		
45	98.8	49.8	149.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.66 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004742.D

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MSVOA_W

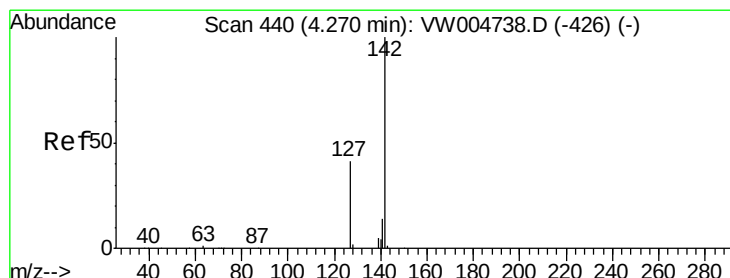
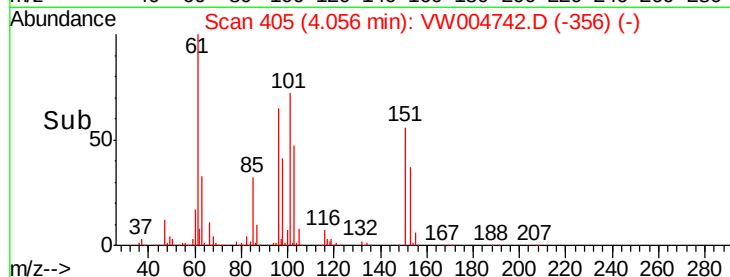
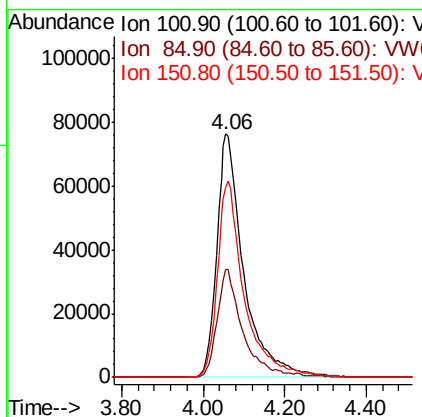
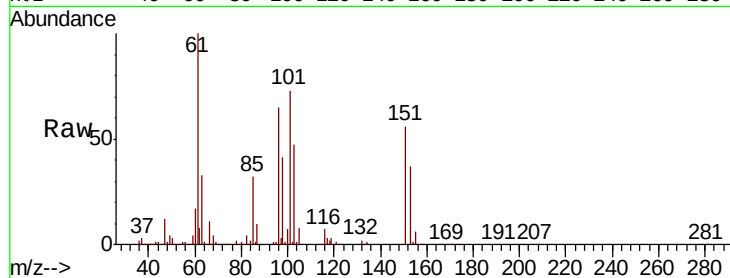
ClientSampleId :

ICVW081918

Tot Ion:	101	Resp:	352574
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.9	50.9
151	79.9	63.4	95.2

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#10

Methyl Iodide

Concen: 49.92 ug/l

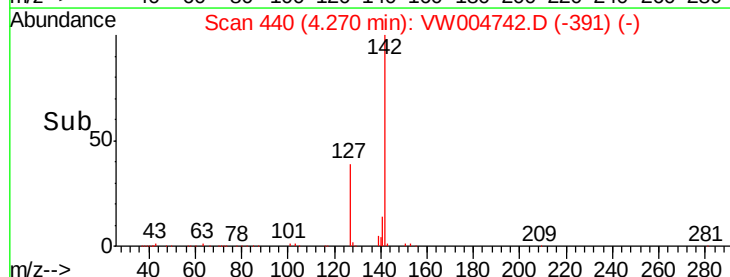
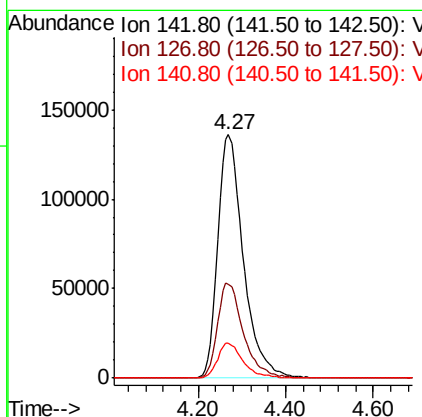
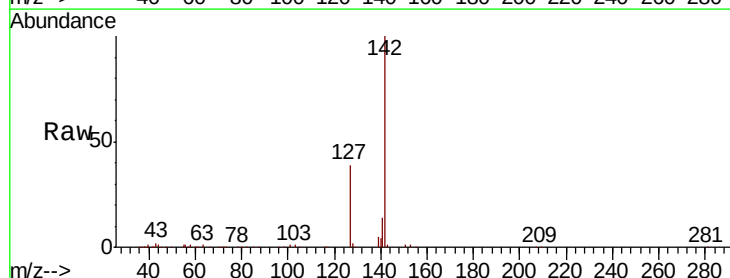
RT: 4.27 min Scan# 440

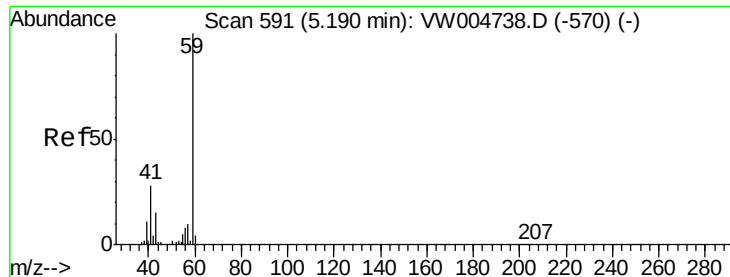
Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Tgt Ion:	142	Resp:	549334
Ion Ratio	Lower	Upper	
142	100		
127	39.4	32.1	48.1
141	14.3	11.7	17.5





#11

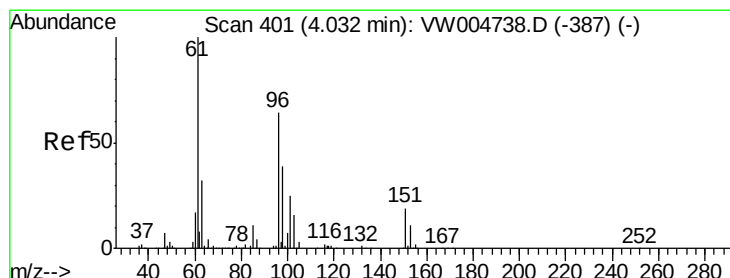
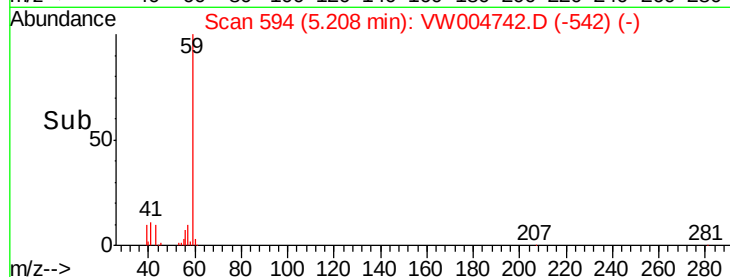
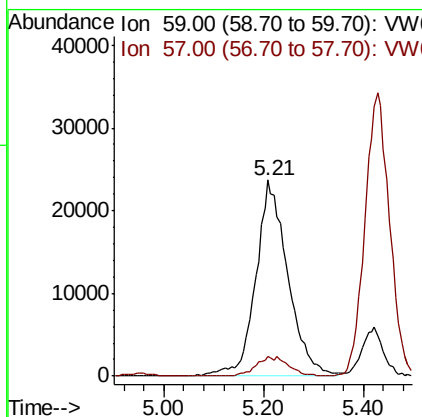
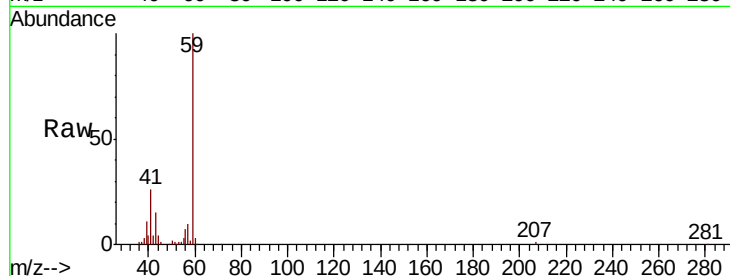
Tert butyl alcohol
 Concen: 278.73 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. 0.02 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.7	8.4	12.6#

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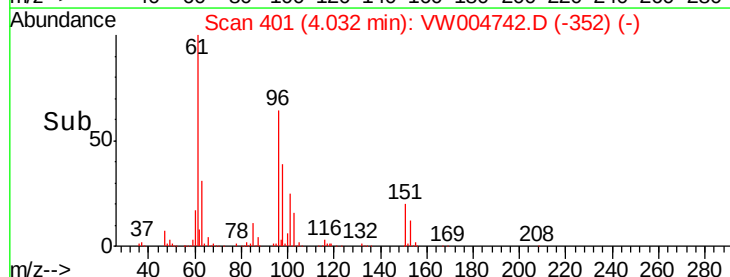
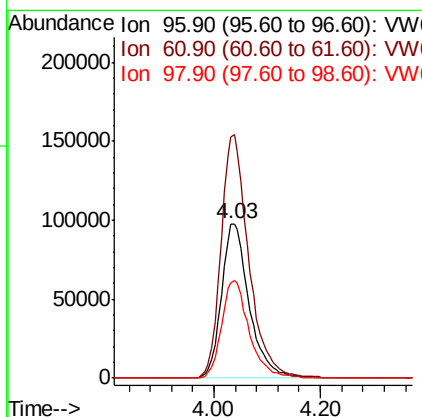
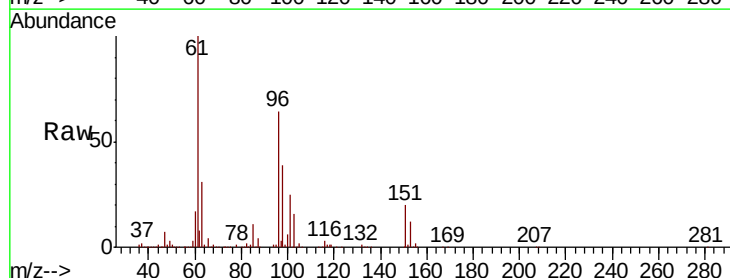
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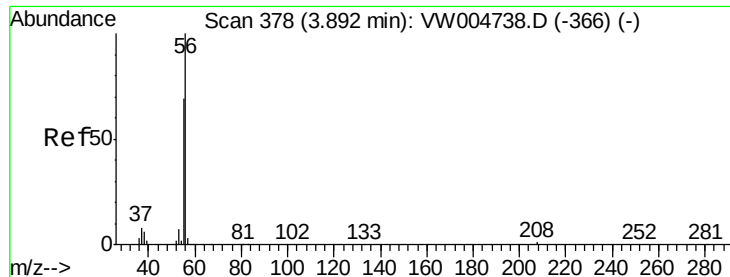


#12

1,1-Dichloroethene
 Concen: 49.03 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	125.6	188.4
98	61.7	49.4	74.0





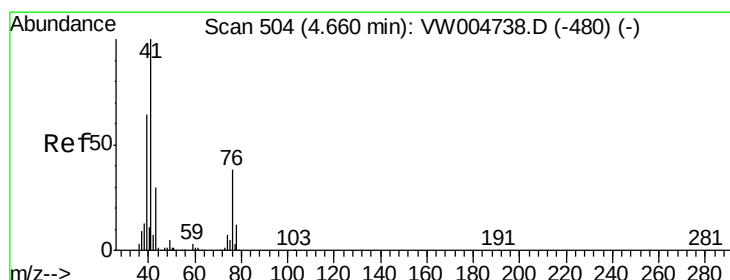
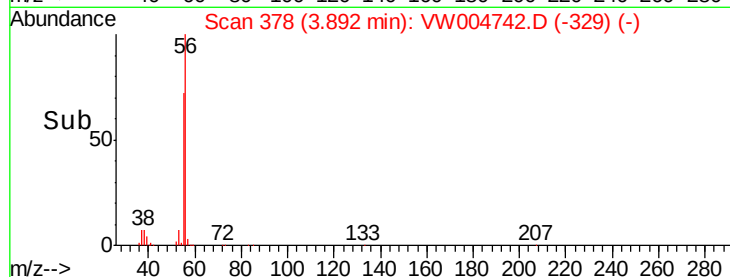
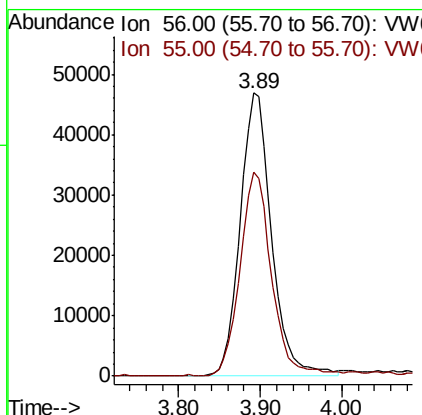
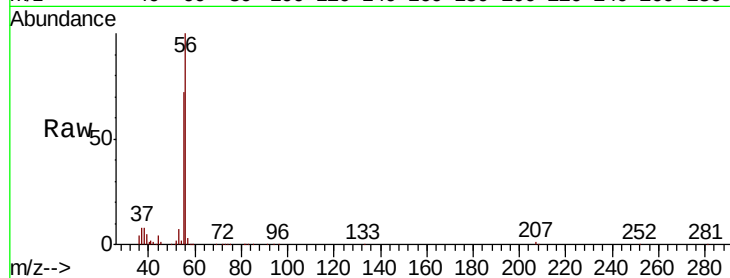
#13
Acrolein
Concen: 246.73 ug/l
RT: 3.89 min Scan# 378
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.1	84.1

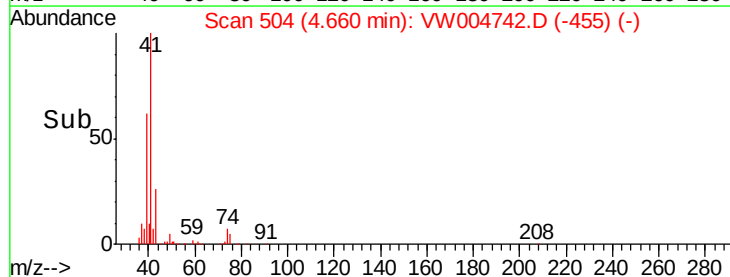
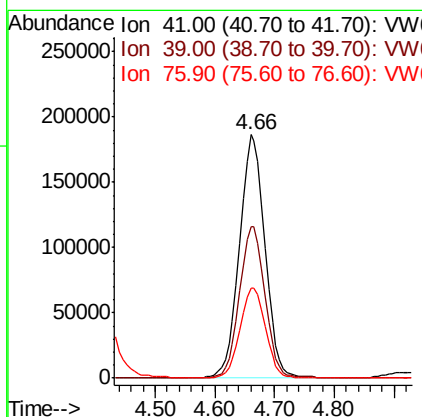
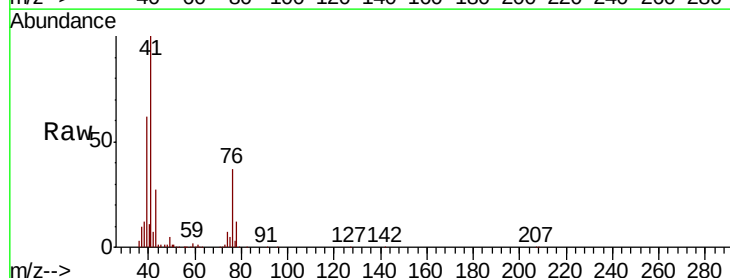
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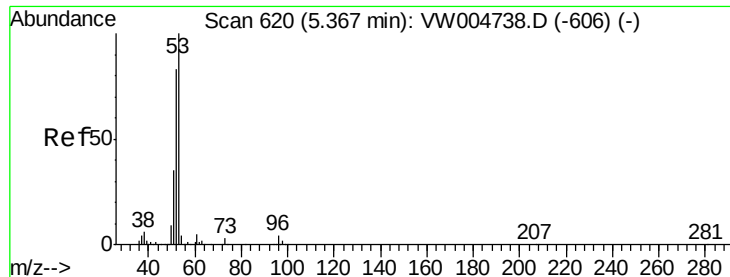
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#14
Allyl chloride
Concen: 50.82 ug/l
RT: 4.66 min Scan# 504
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.1	50.0	75.0
76	37.0	29.8	44.6





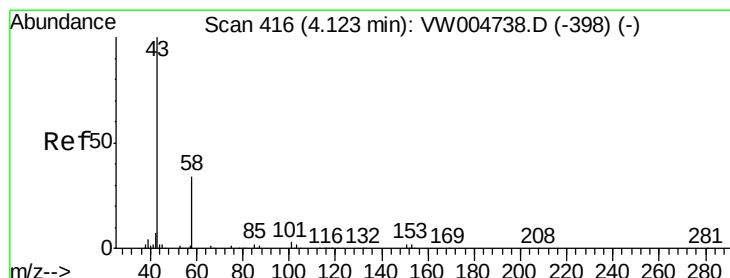
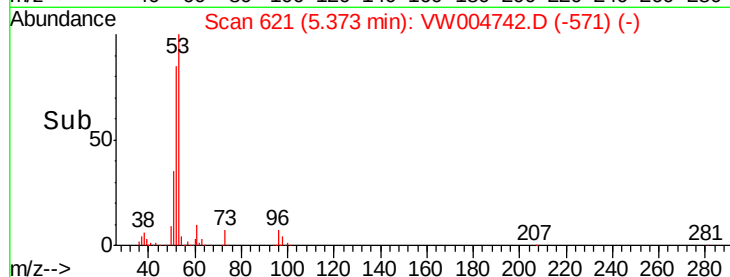
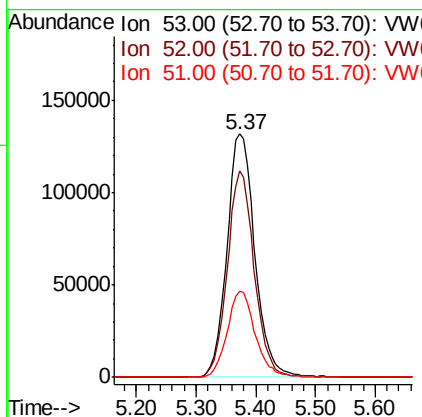
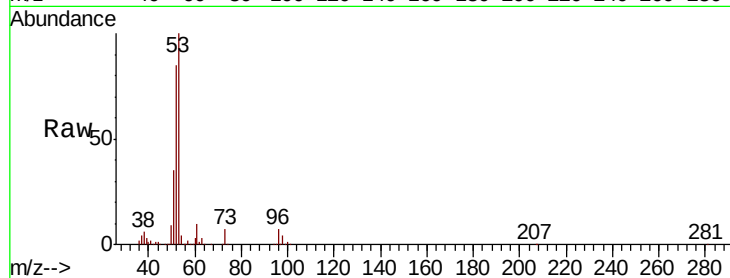
#15
 Acrylonitrile
 Concen: 268.10 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	53	Resp	427749
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.8	98.6
51	35.6	28.7	43.1

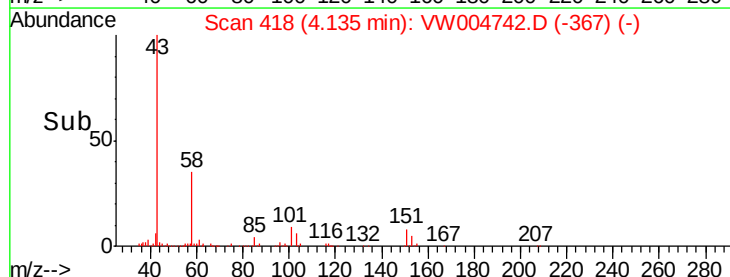
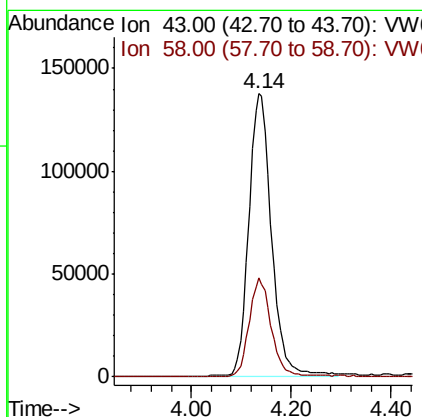
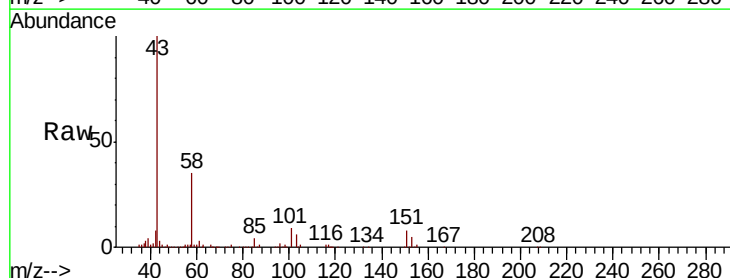
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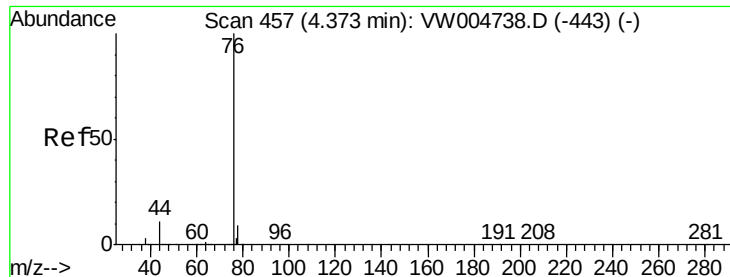
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#16
 Acetone
 Concen: 253.05 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	43	Resp	437571
Ion Ratio	Lower	Upper	
43	100		
58	34.6	27.3	40.9





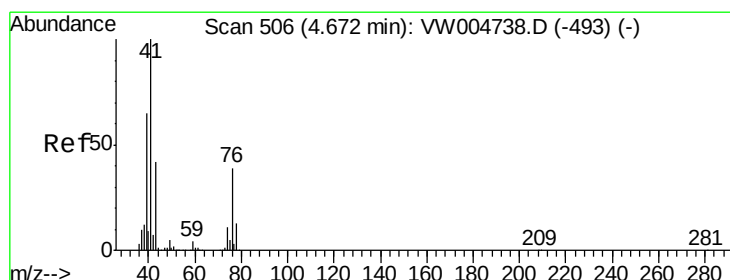
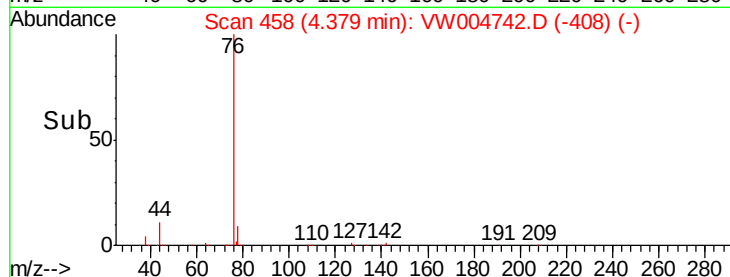
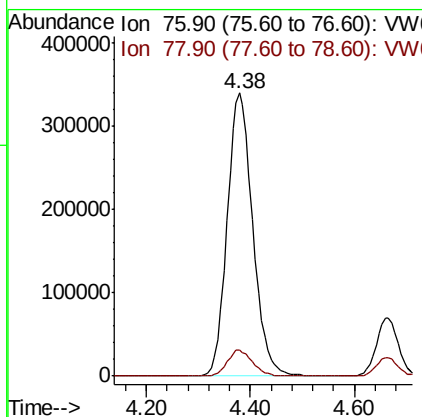
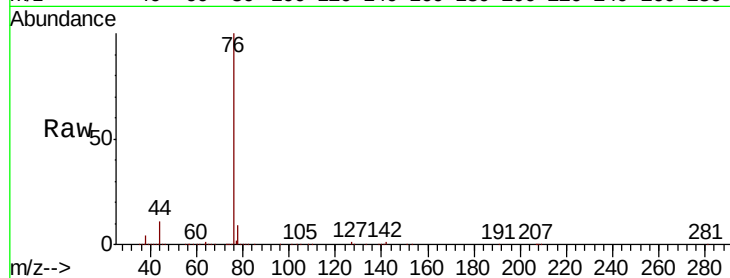
#17
Carbon Disulfide
Concen: 49.16 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion: 76 Resp: 1166503
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

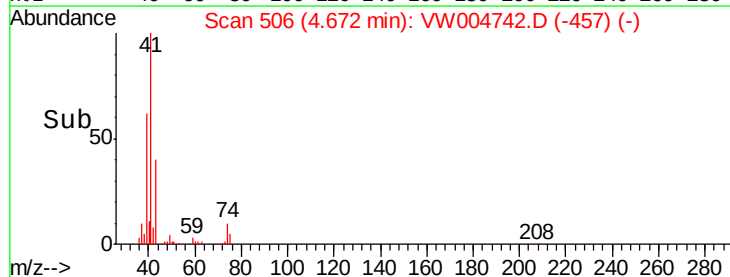
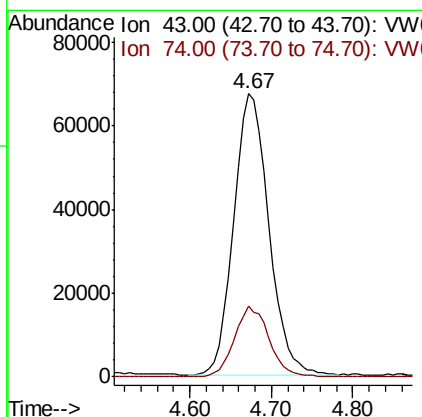
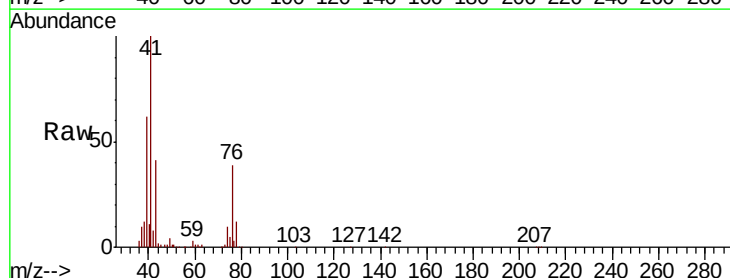
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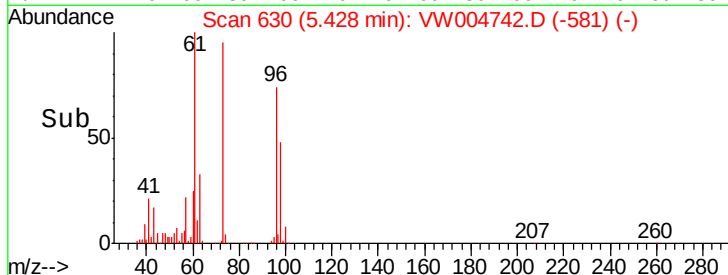
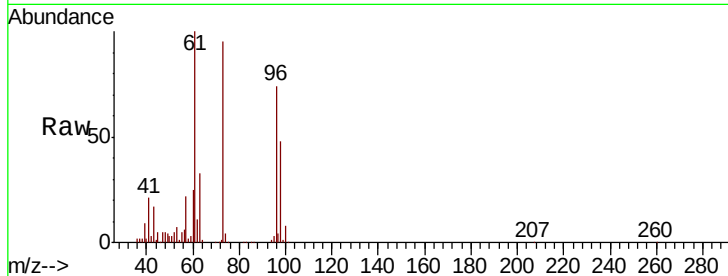
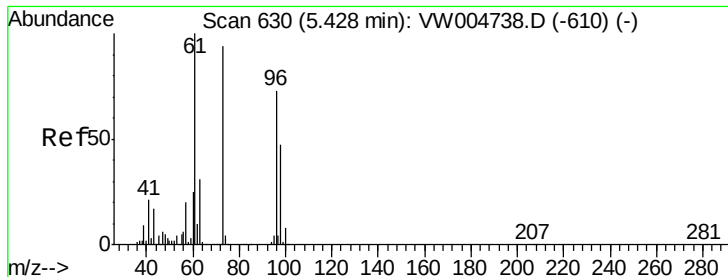
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#18
Methyl Acetate
Concen: 54.15 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 43 Resp: 200670
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8





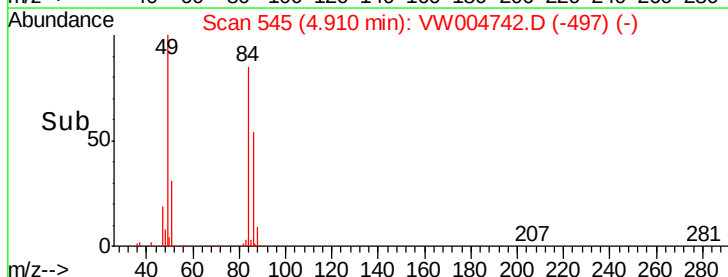
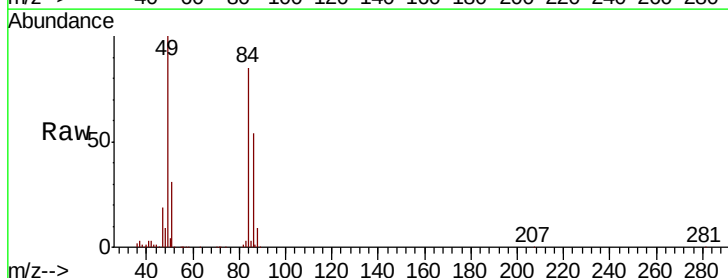
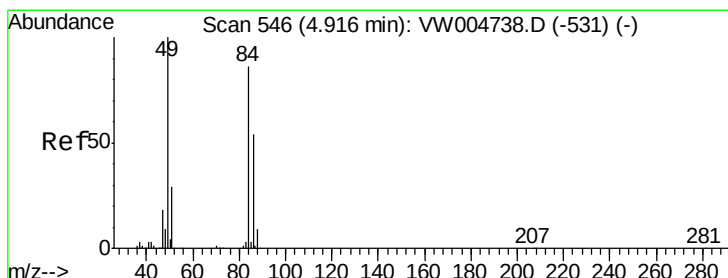
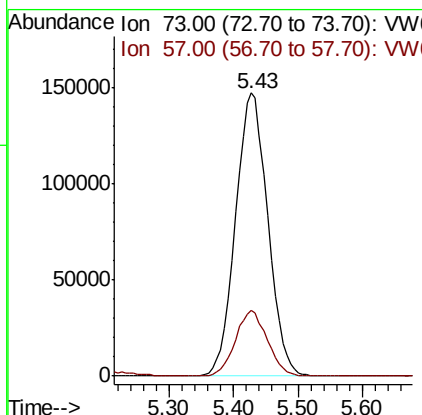
#19
Methyl tert-butyl Ether
Concen: 54.34 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.3	25.9

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

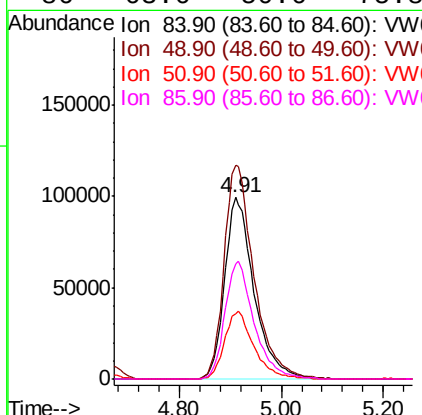
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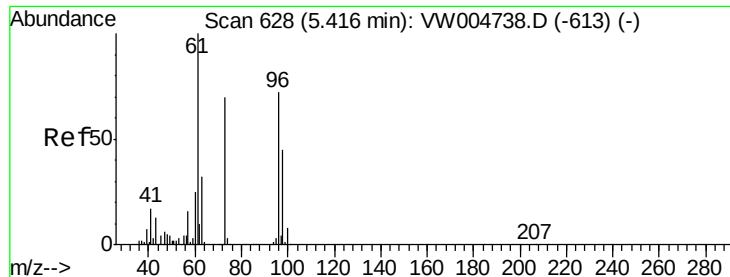
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#20
Methylene Chloride
Concen: 50.58 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	93.2	139.8
51	36.2	27.4	41.0
86	63.6	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 50.26 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

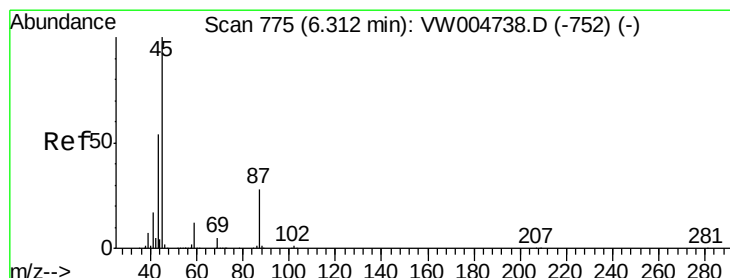
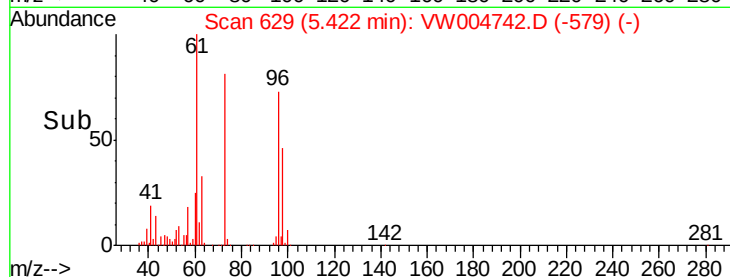
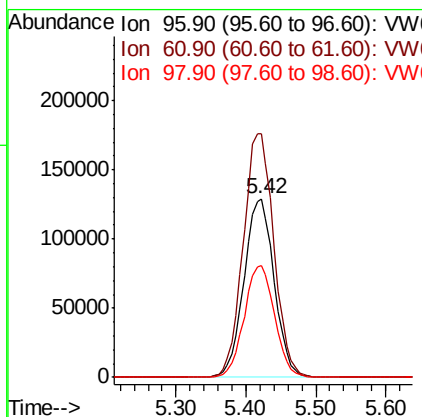
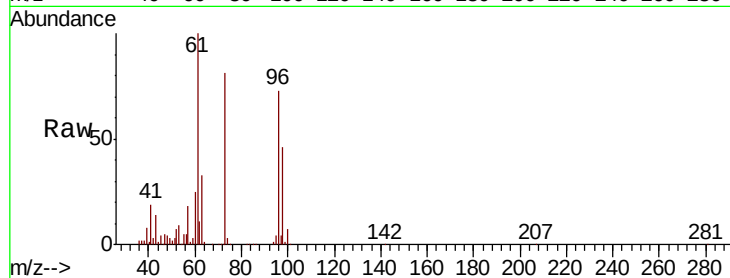
ClientSampleId :

ICVW081918

Tot Ion:	96	Resp:	386112
Ion	Ratio	Lower	Upper
96	100		
61	136.3	111.4	167.0
98	62.6	49.7	74.5

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#22

Diisopropyl ether

Concen: 53.03 ug/l

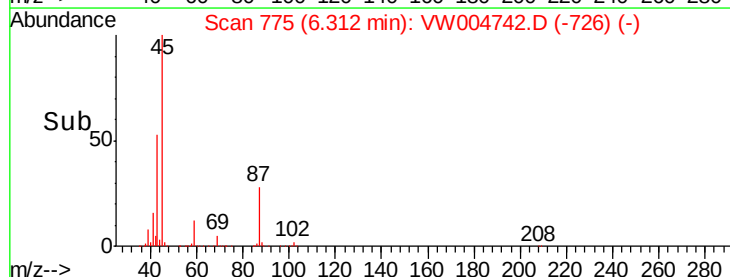
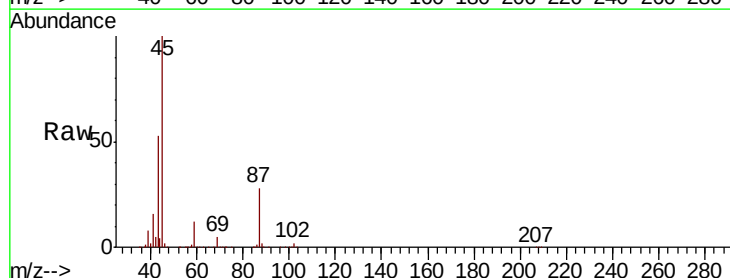
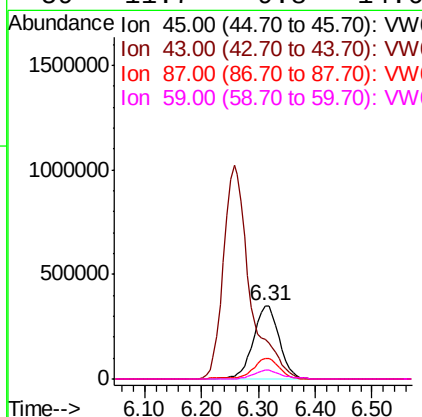
RT: 6.31 min Scan# 775

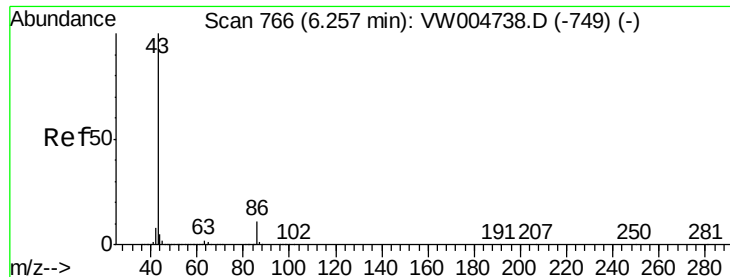
Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Tgt Ion:	45	Resp:	1116886
Ion	Ratio	Lower	Upper
45	100		
43	53.4	43.0	64.6
87	27.9	22.2	33.4
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 276.54 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Tot Ion: 43 Resp: 3294276

Ion Ratio Lower Upper

43 100

86 10.3 8.5 12.7

Instrument :

MSVOA_W

ClientSampleId :

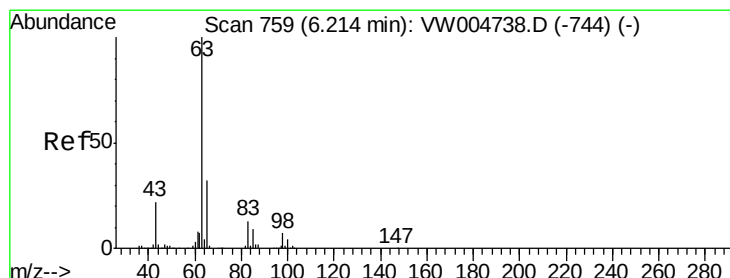
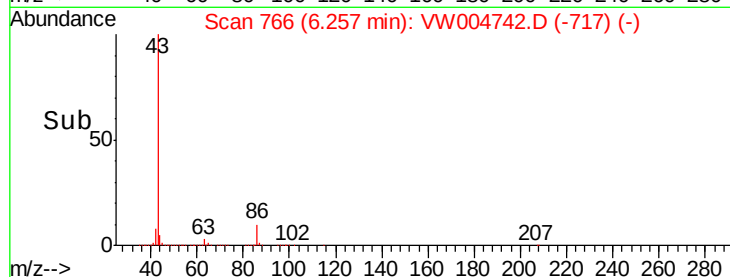
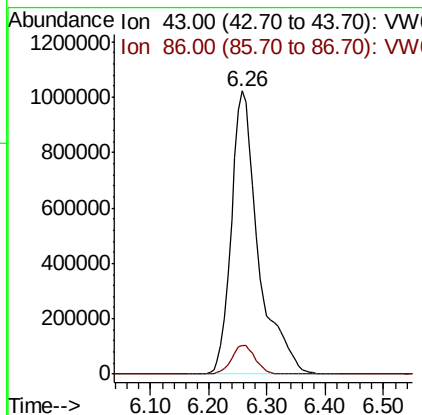
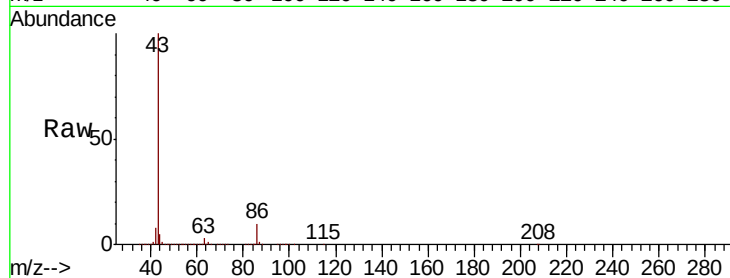
ICVW081918

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#24

1,1-Dichloroethane

Concen: 50.13 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

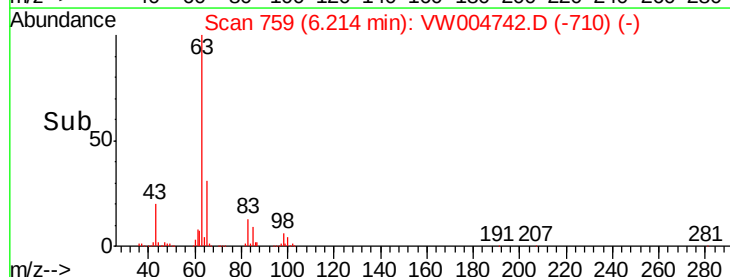
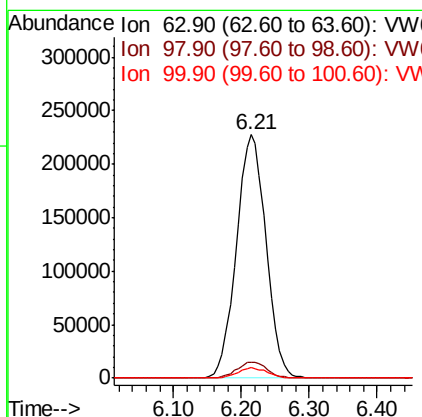
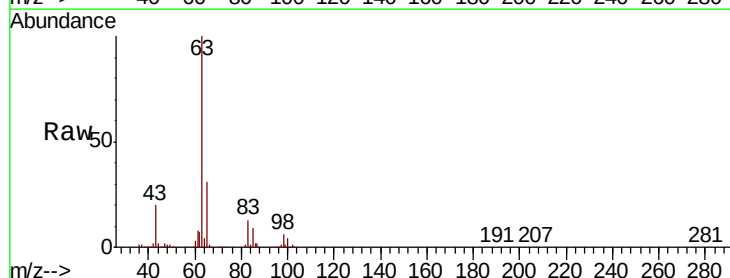
Tgt Ion: 63 Resp: 686105

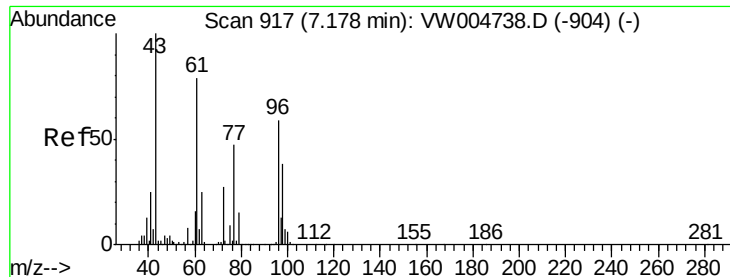
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 266.89 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion: 43 Resp: 657570

Ion Ratio Lower Upper

43 100

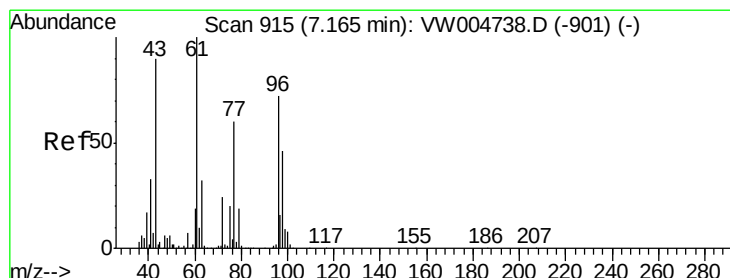
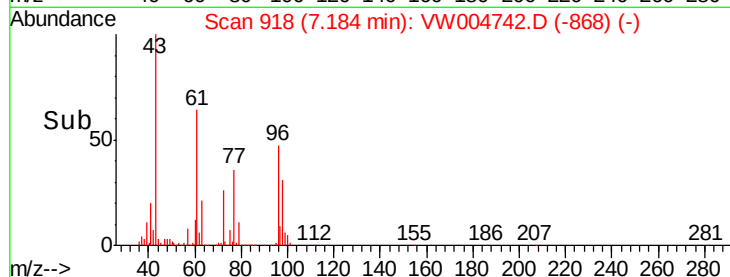
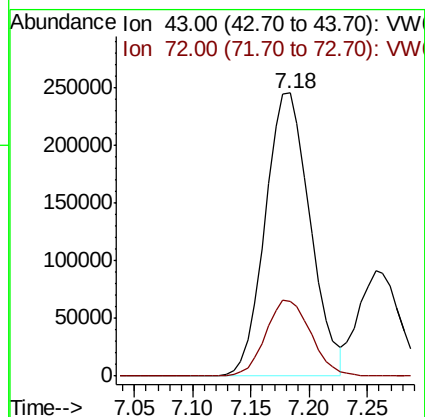
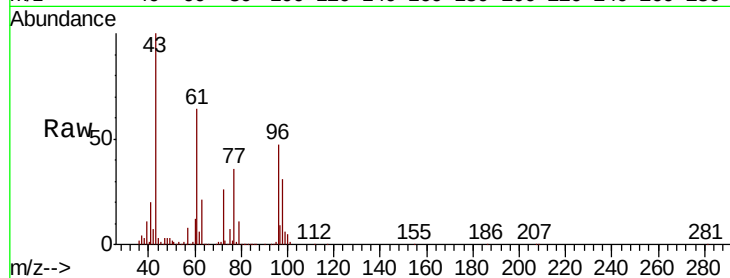
72 26.4 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 46.35 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004742.D

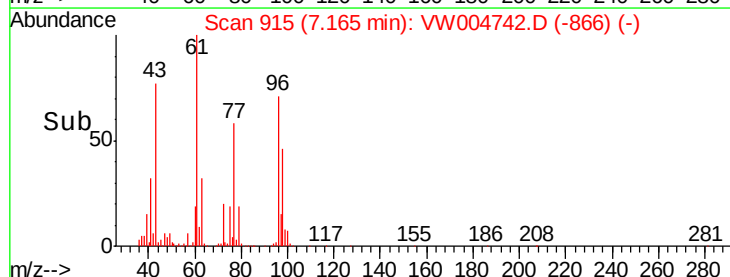
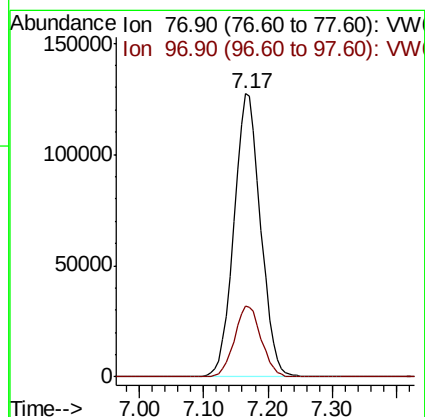
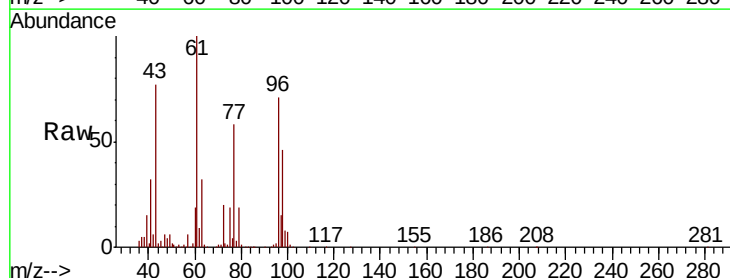
Acq: 17 Aug 2018 19:21

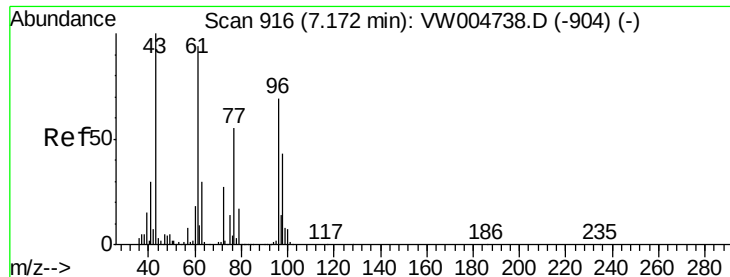
Tgt Ion: 77 Resp: 366415

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.8





#27

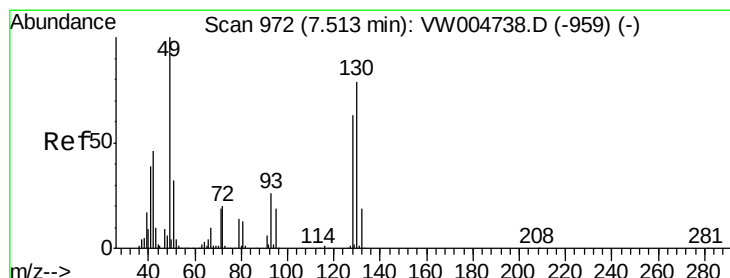
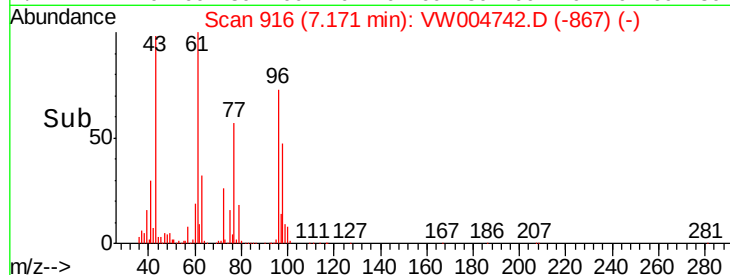
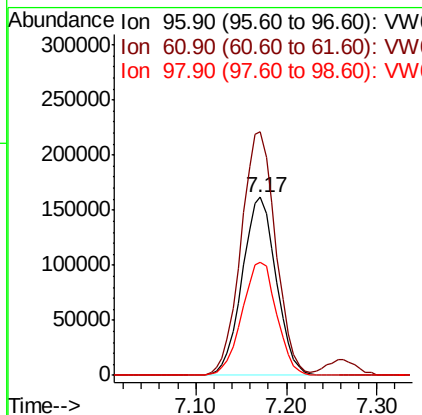
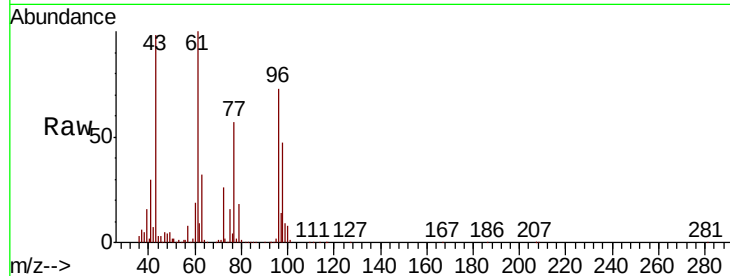
cis-1,2-Dichloroethene
 Concen: 50.76 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		419789		
61	139.3	0.0	277.6		
98	64.7	0.0	127.4		

Manual Integrations
 APPROVED

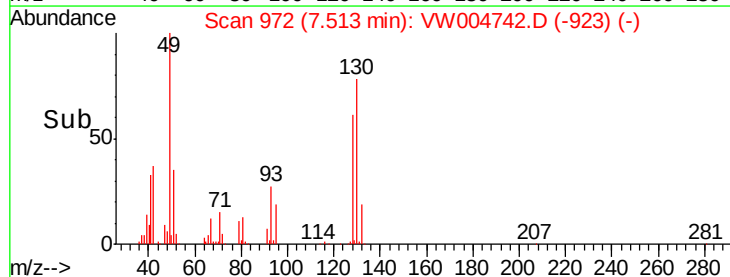
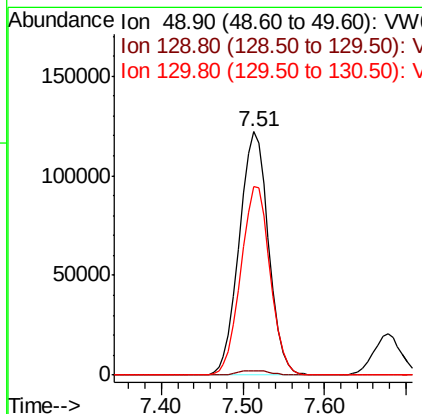
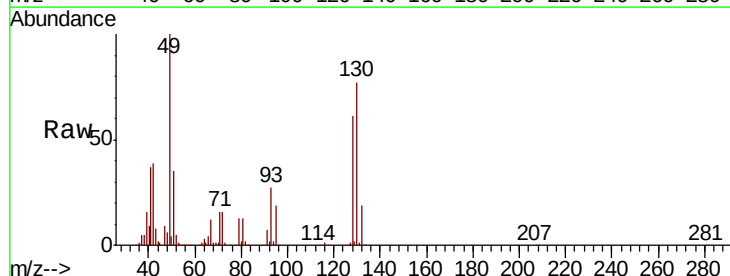
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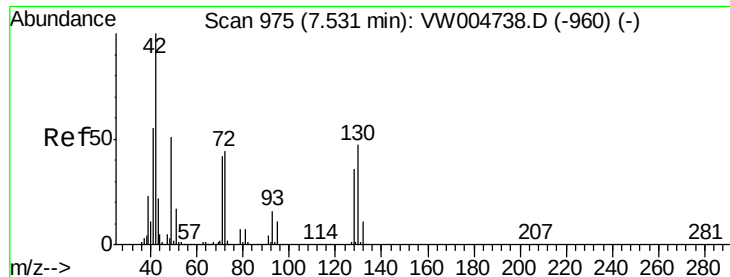


#28

Bromochloromethane
 Concen: 52.85 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		304620		
129	2.0	0.0	4.4		
130	77.5	63.7	95.5		





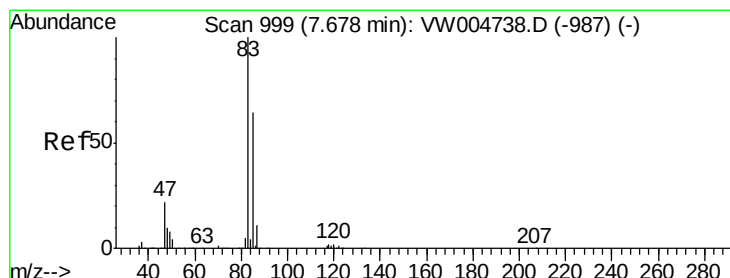
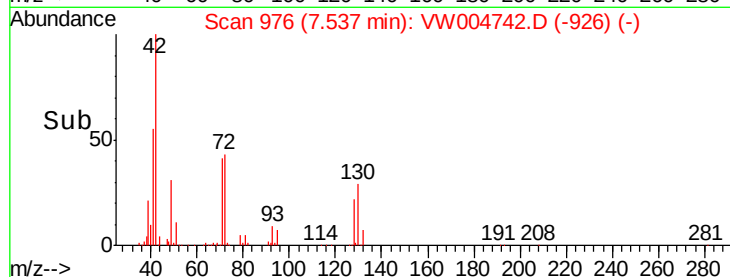
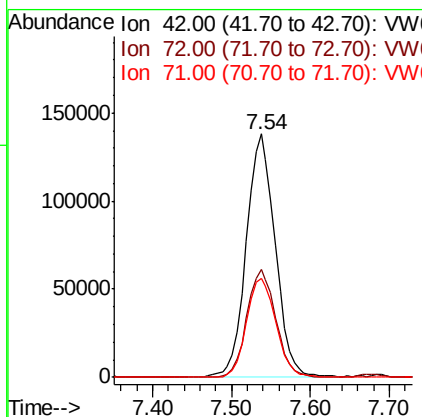
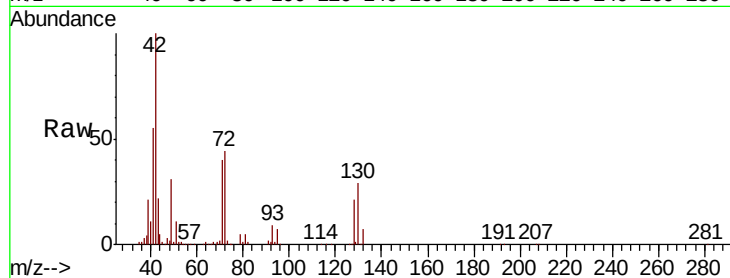
#29
Tetrahydrofuran
Concen: 279.16 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	34.9	52.3
71	41.6	33.8	50.6

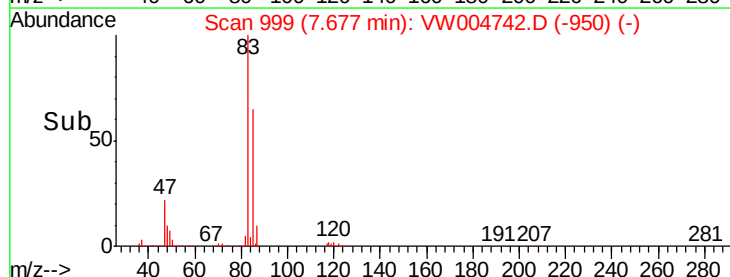
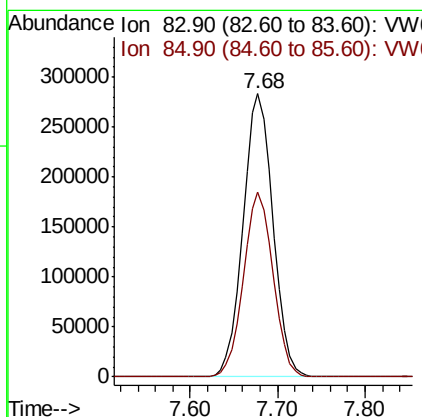
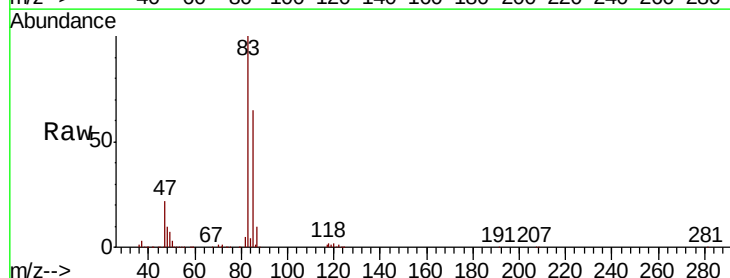
Manual Integrations
APPROVED

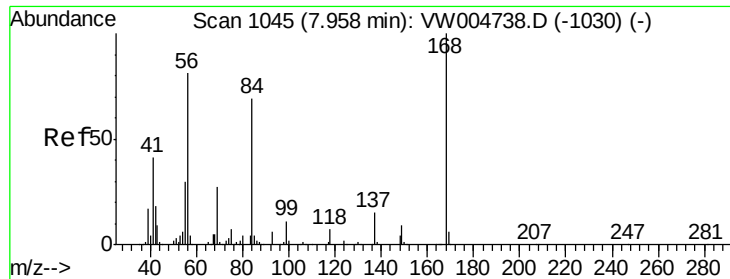
apatel
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#30
Chloroform
Concen: 49.76 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.0	76.6





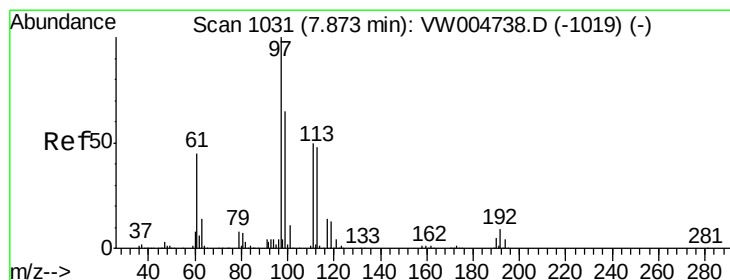
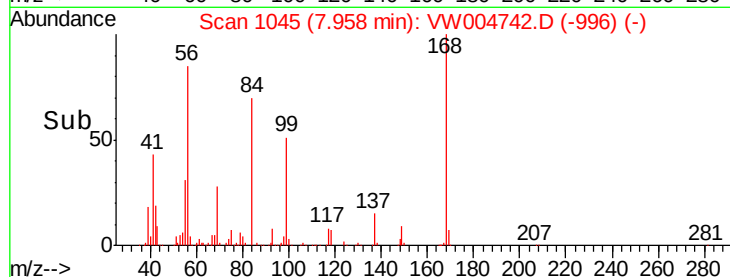
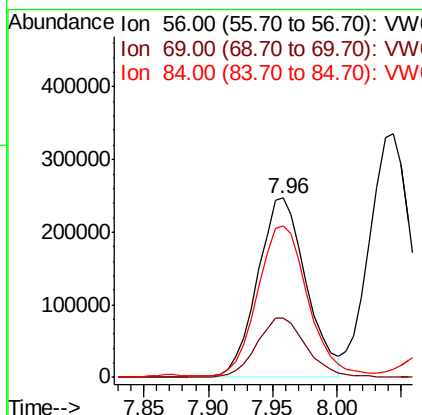
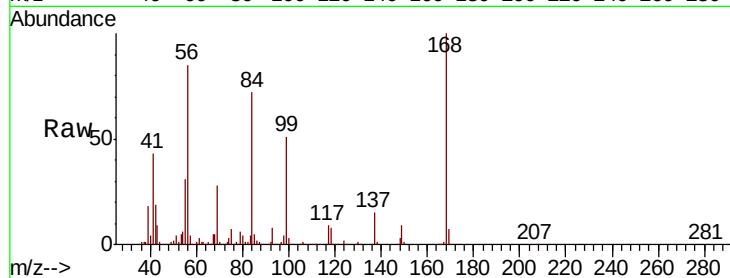
#31
Cyclohexane
Concen: 48.91 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	27.1	40.7
84	83.6	68.3	102.5

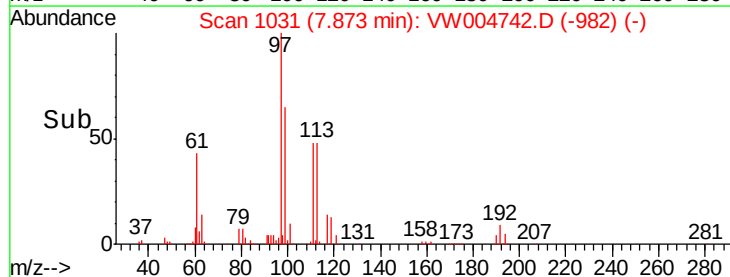
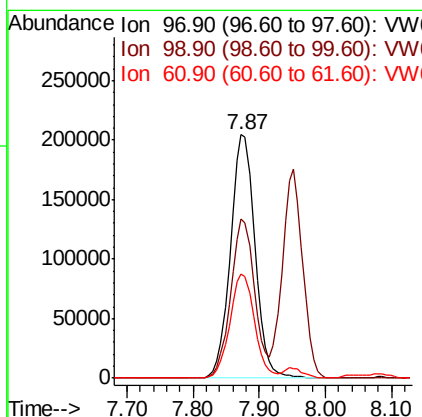
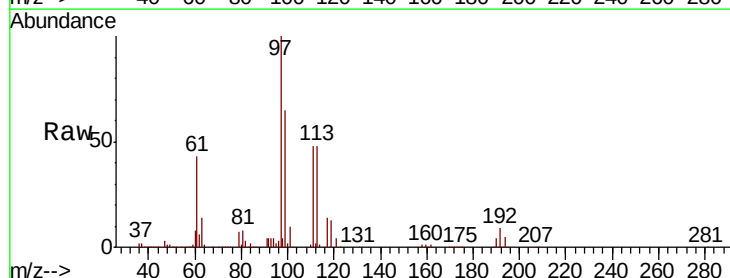
Manual Integrations
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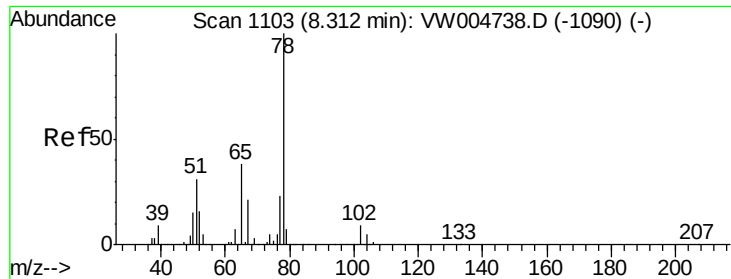
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#32
1,1,1-Trichloroethane
Concen: 49.26 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	43.0	34.4	51.6





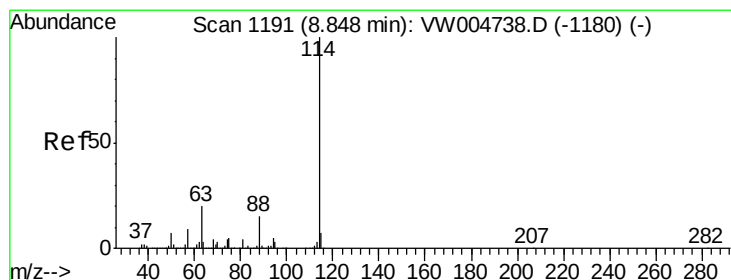
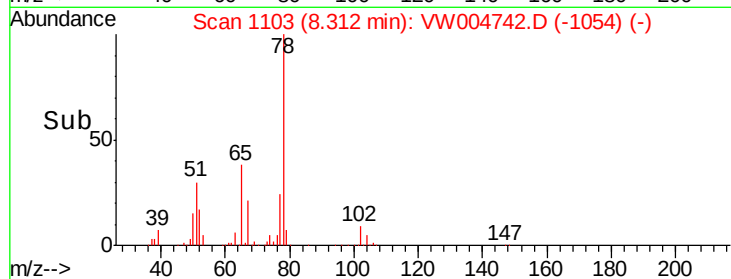
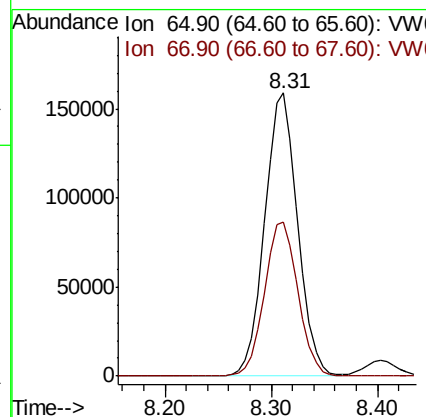
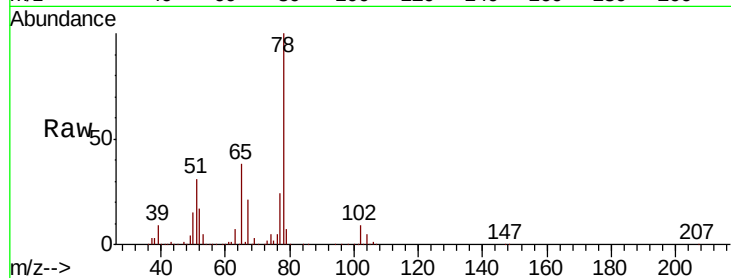
#33
 1,2-Dichloroethane-d4
 Concen: 50.62 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ratio	Resp	Lower	Upper
65	100	342884		
67	55.8	0.0	109.4	

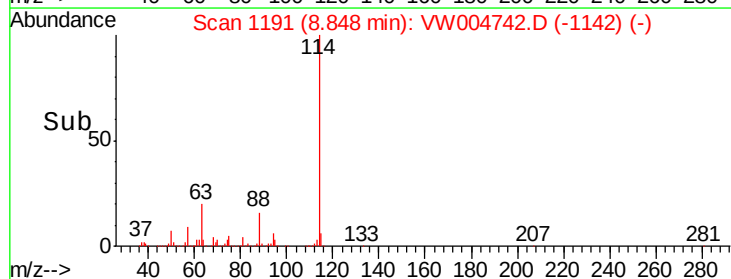
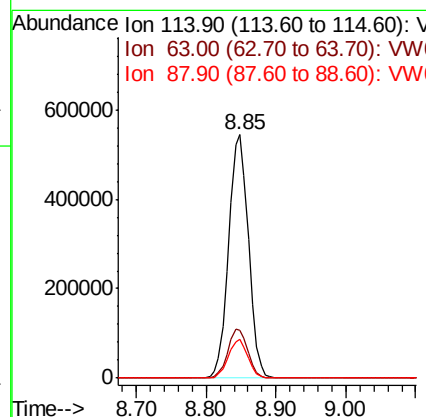
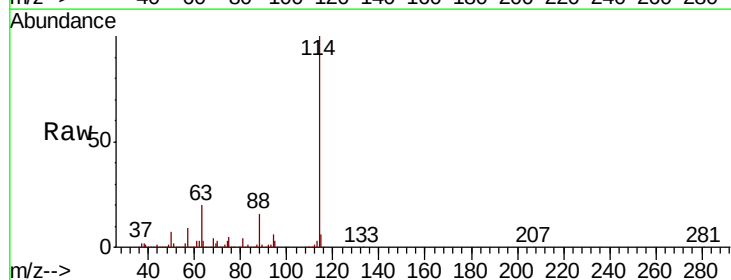
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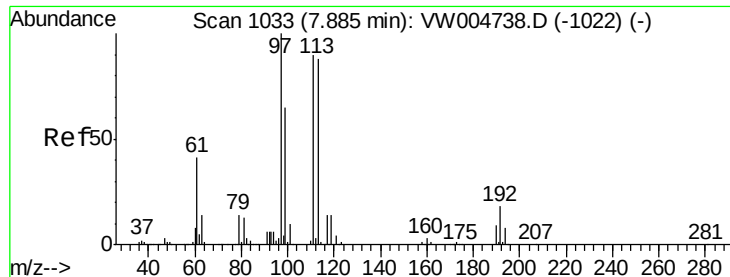
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1068758		
63	19.6	0.0	39.0	
88	16.1	0.0	30.0	





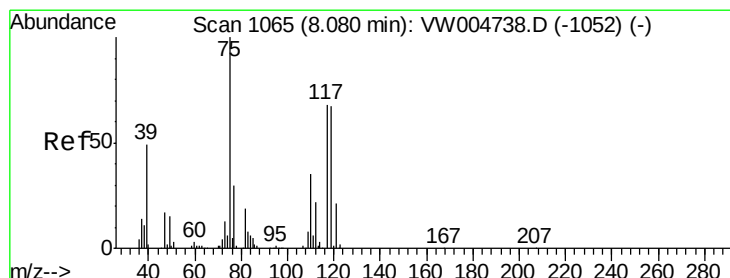
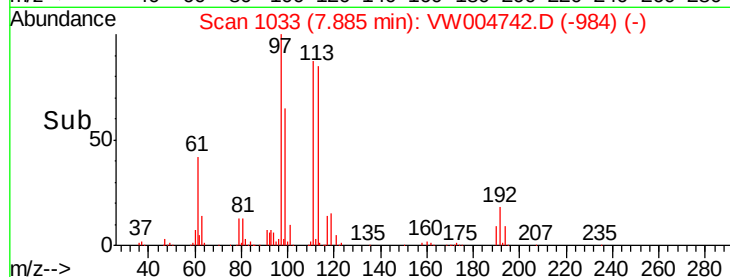
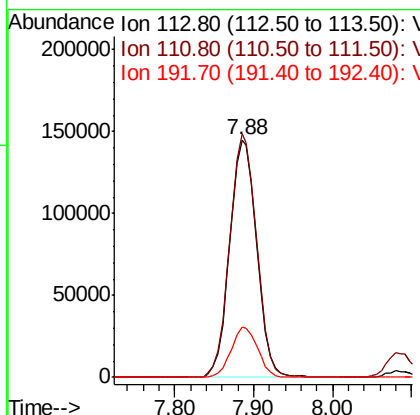
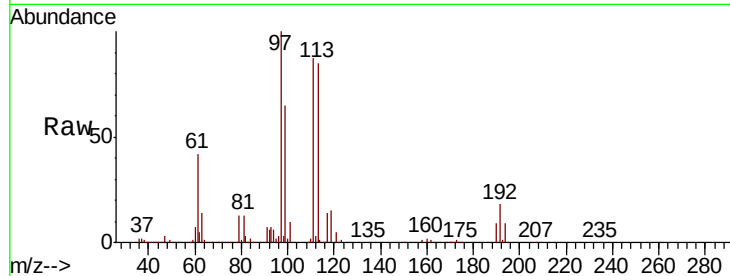
#35
 Dibromofluoromethane
 Concen: 50.34 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.3	82.4	123.6	
192	20.8	16.7	25.1	

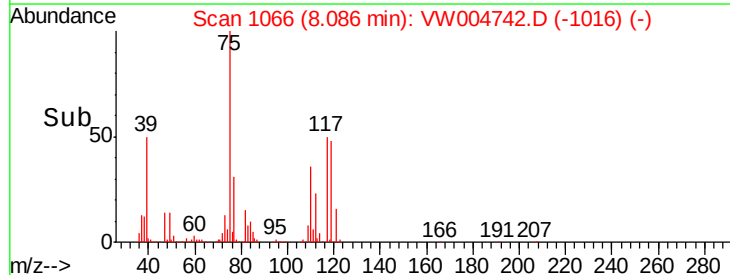
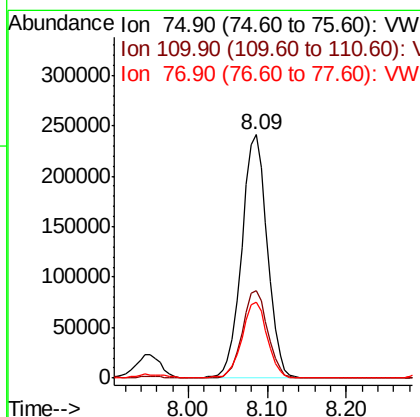
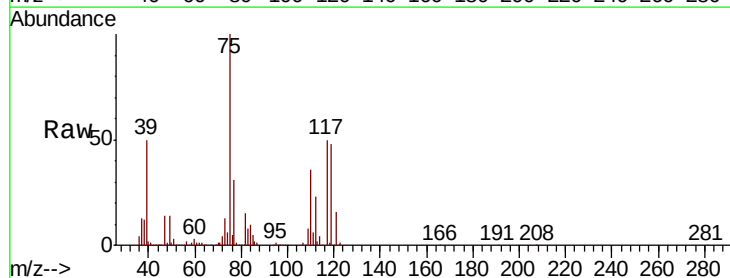
Manual Integrations
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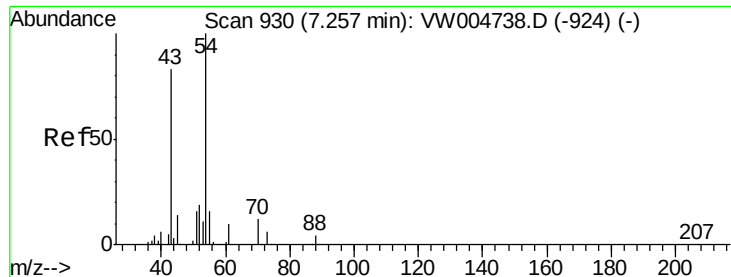
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#36
 1,1-Dichloropropene
 Concen: 49.25 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.7	17.8	53.5	
77	31.1	24.9	37.3	





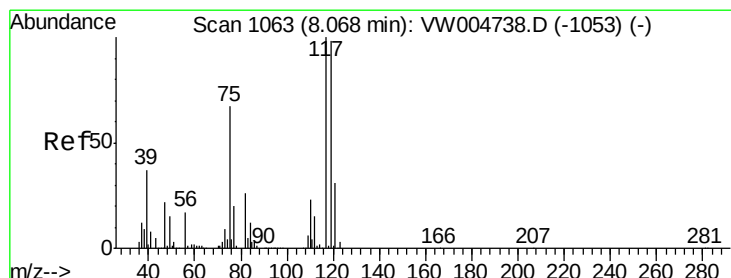
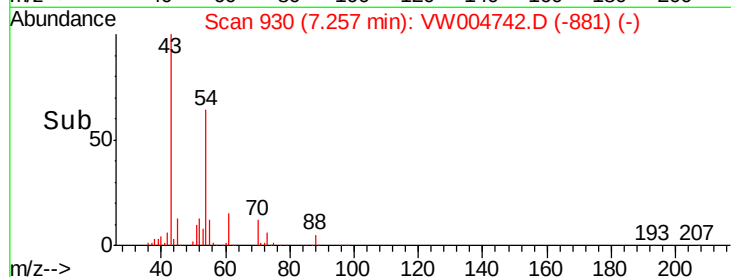
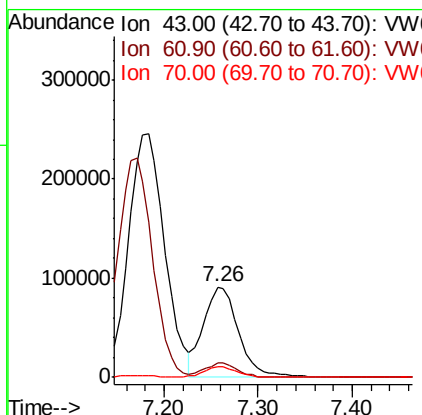
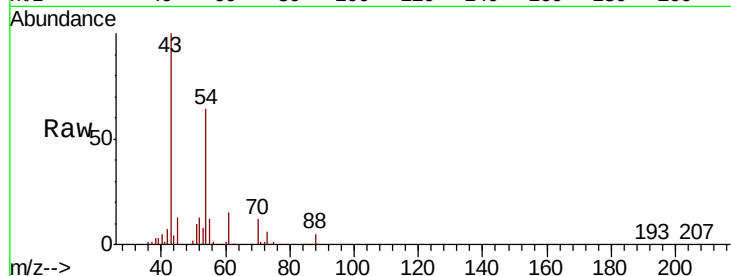
#37
Ethyl Acetate
Concen: 53.15 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	11.1	9.2	13.8

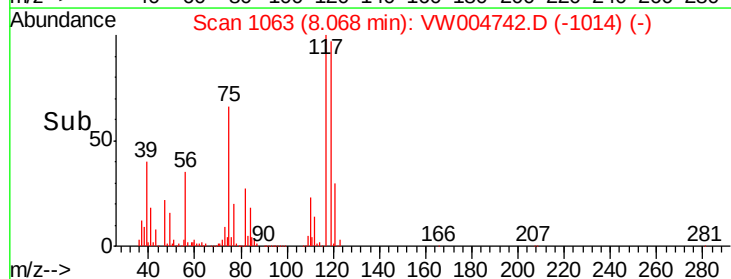
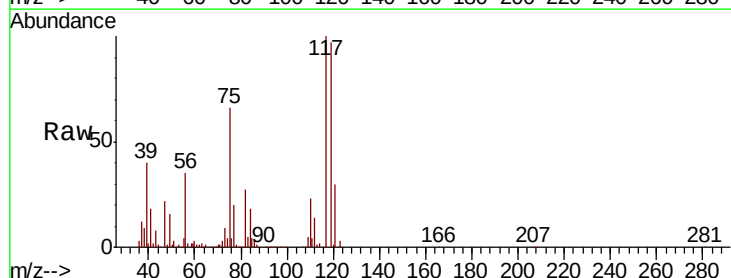
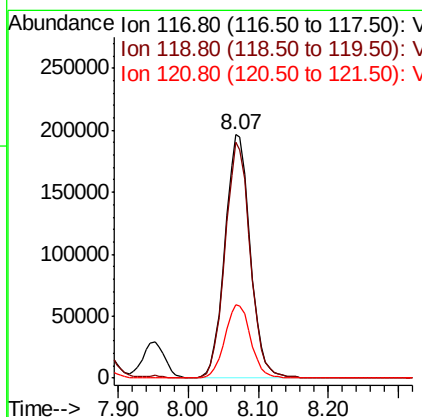
Manual Integrations
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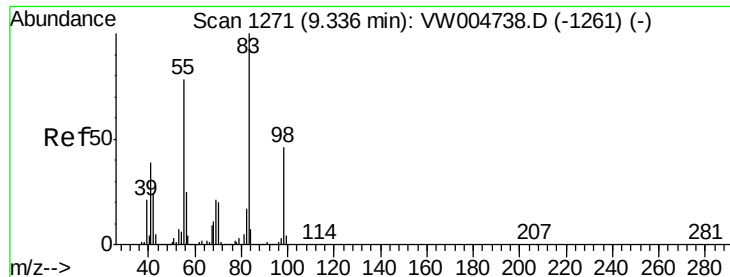
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#38
Carbon Tetrachloride
Concen: 48.59 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.0	117.0
121	30.1	24.8	37.2





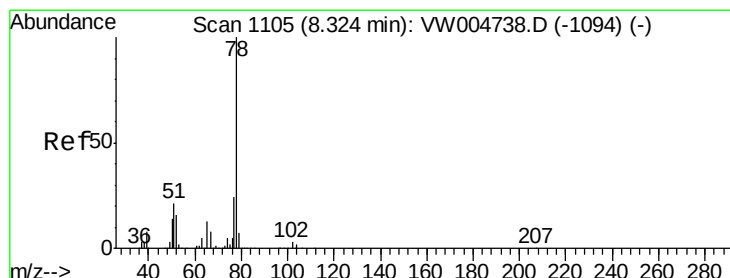
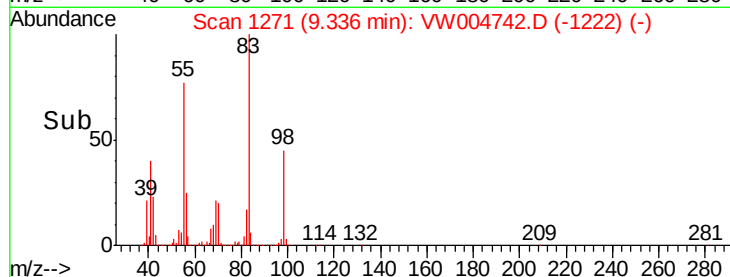
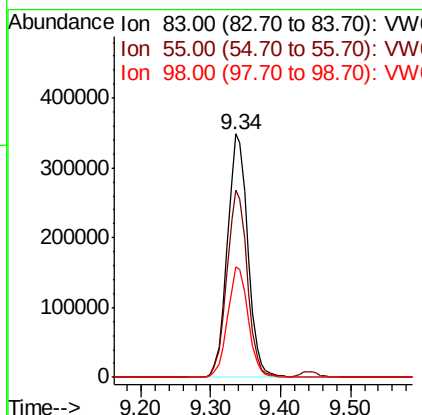
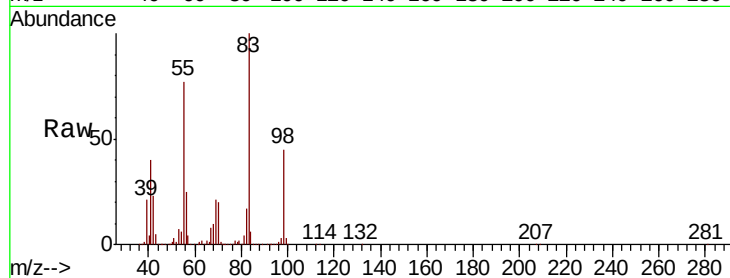
#39
Methylvlcyclohexane
Concen: 51.51 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Resp	Lower	Upper
83	100	709214		
55	76.9		62.4	93.6
98	45.3		36.5	54.7

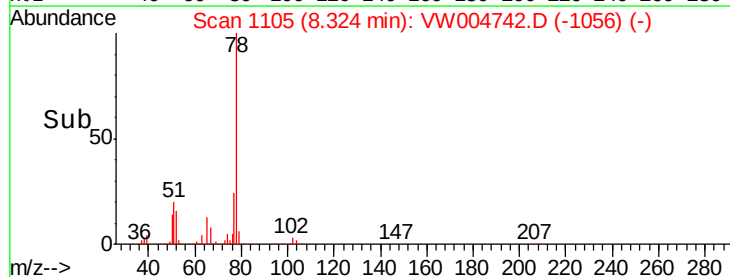
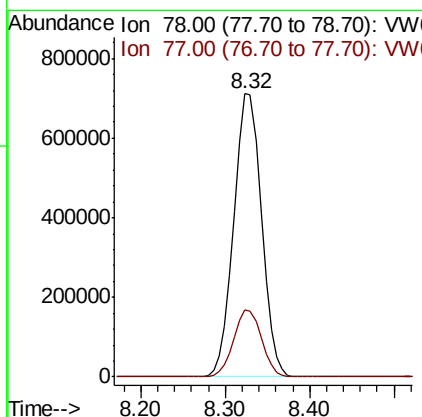
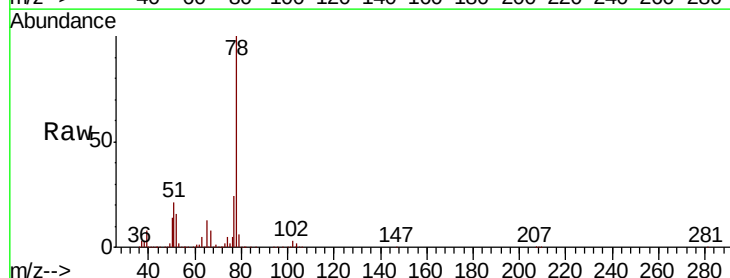
Manual Integrations
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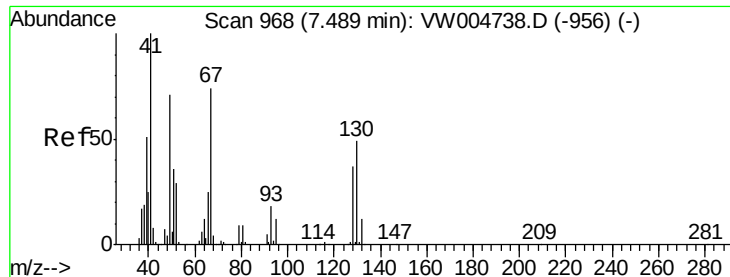
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#40
Benzene
Concen: 49.47 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1582996		
77	23.8		19.0	28.6





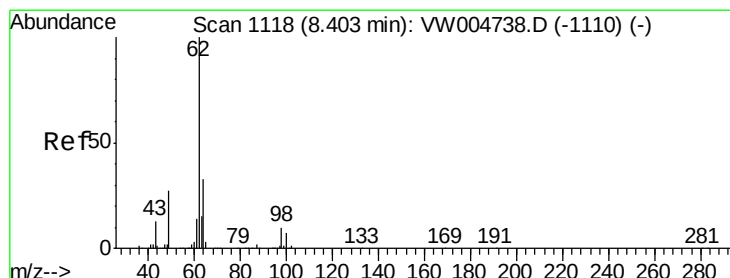
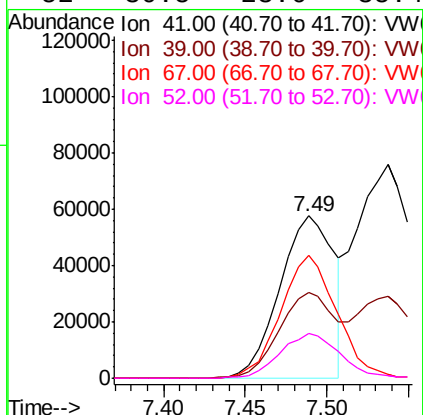
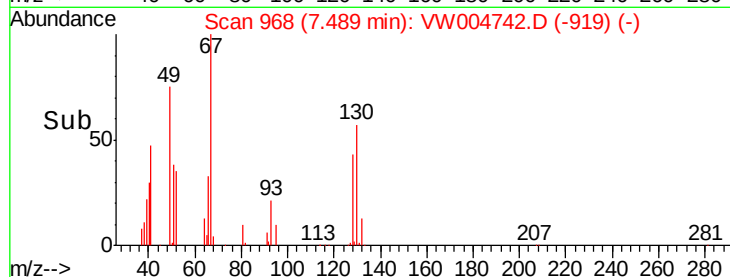
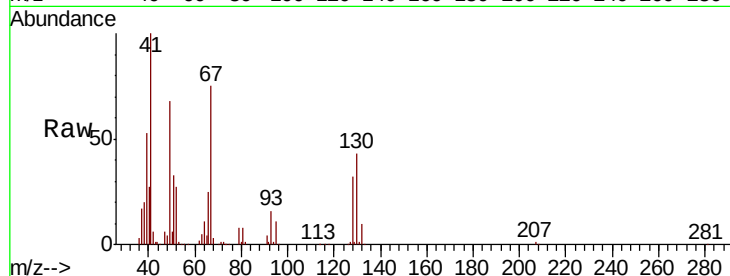
#41
Methacrylonitrile
Concen: 53.40 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.6	41.0	61.4		
67	78.8	59.5	89.3		
52	30.5	23.6	35.4		

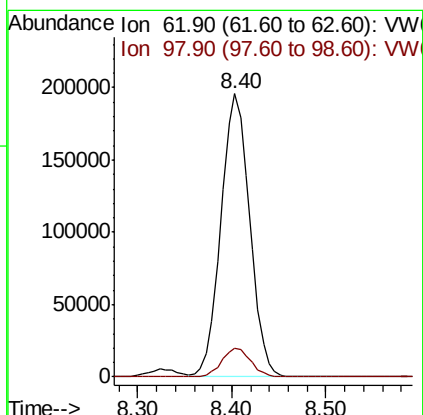
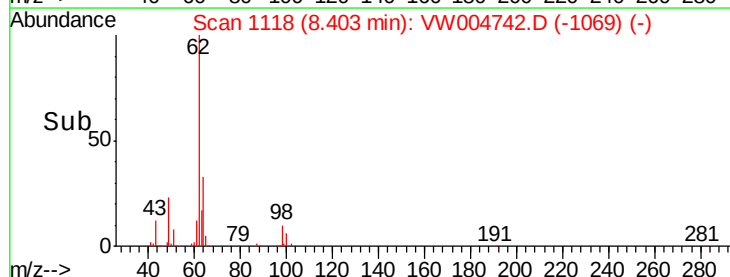
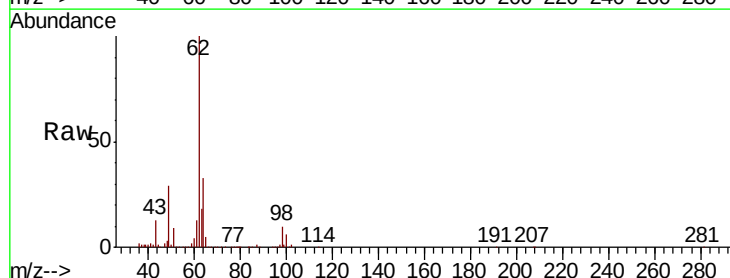
Manual Integrations
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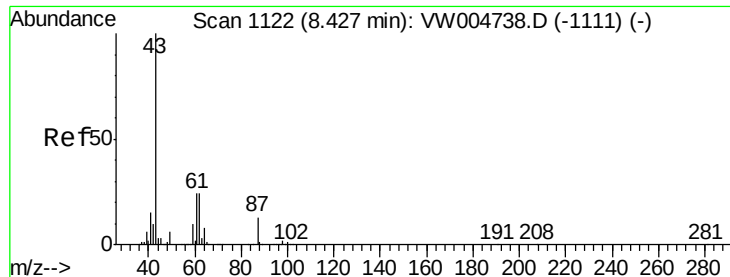
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#42
1,2-Dichloroethane
Concen: 50.57 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 54.60 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

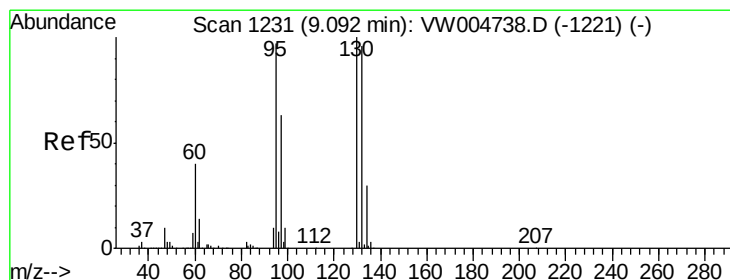
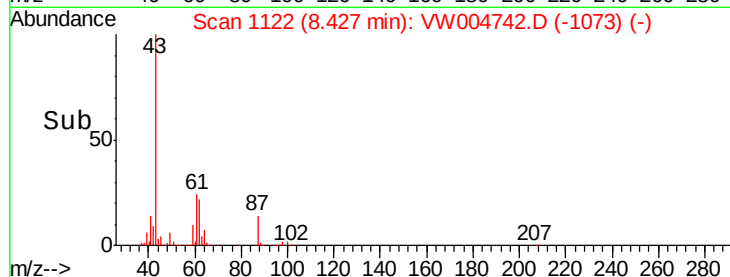
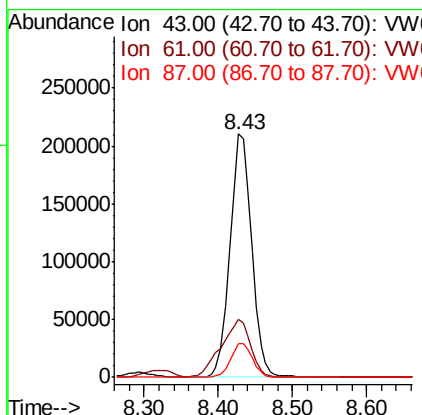
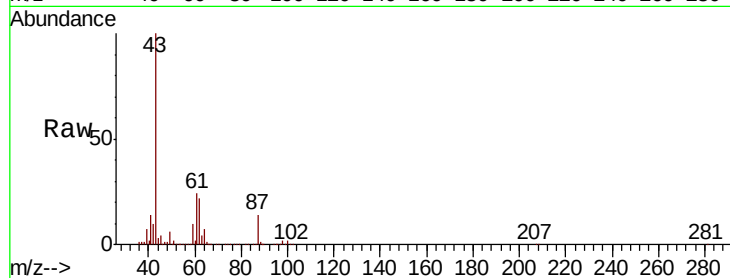
ClientSampleId :

ICVW081918

Tot Ion:	43	Resp:	430432
Ion	Ratio	Lower	Upper
43	100		
61	32.0	26.2	39.4
87	13.9	10.9	16.3

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#44

Trichloroethene

Concen: 48.76 ug/l

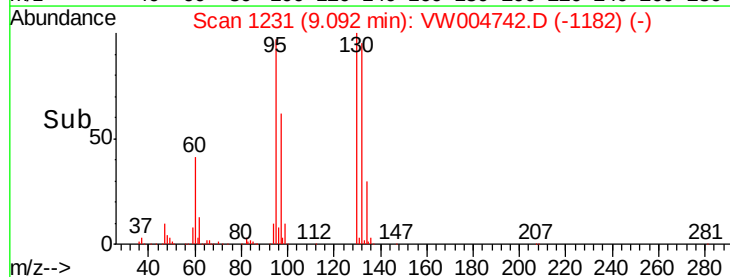
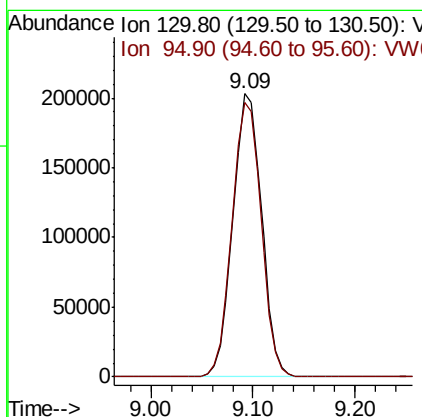
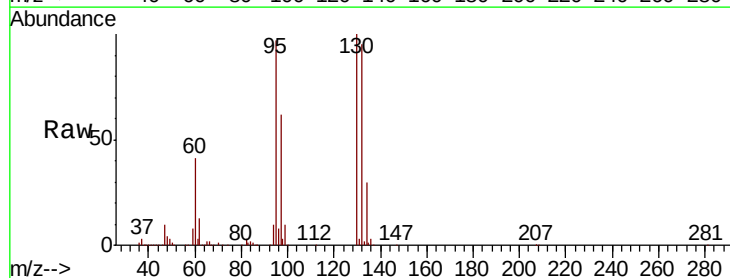
RT: 9.09 min Scan# 1231

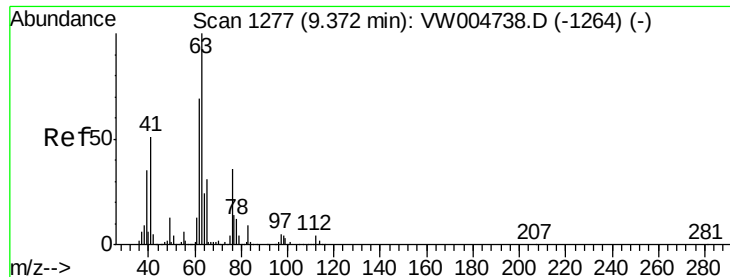
Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Tgt Ion:	130	Resp:	396062
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	194.4





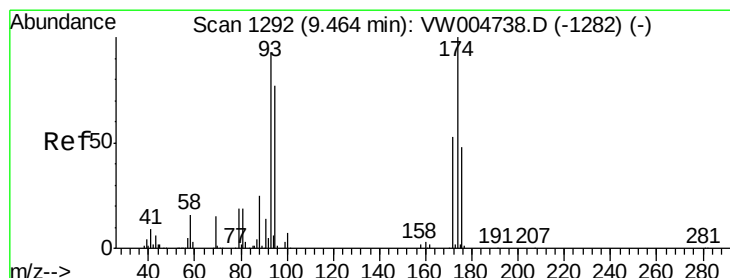
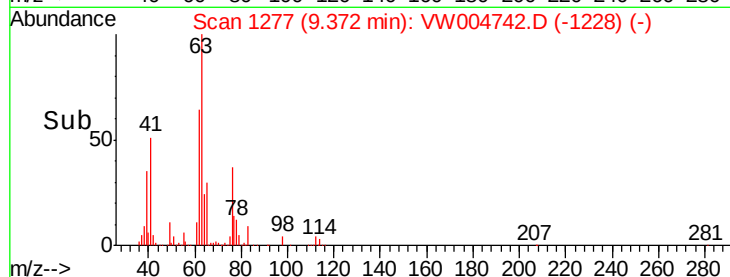
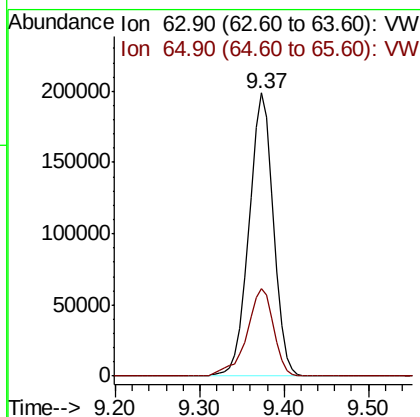
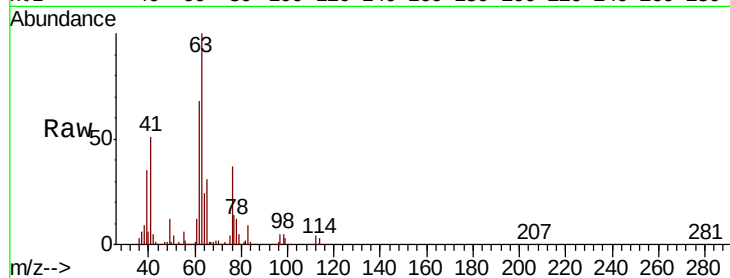
#45
1,2-Dichloropropane
Concen: 49.91 ug/l
RT: 9.37 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Resp	Lower	Upper
63	100	390613		
65	30.8	24.6	37.0	

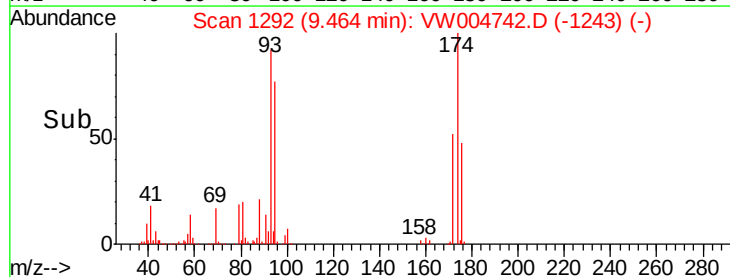
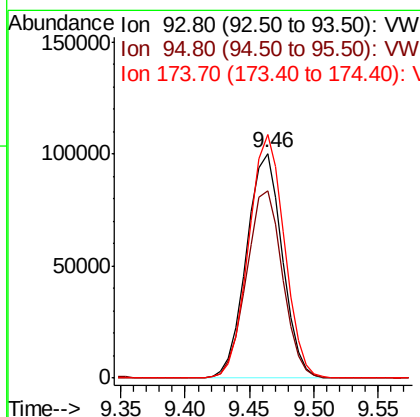
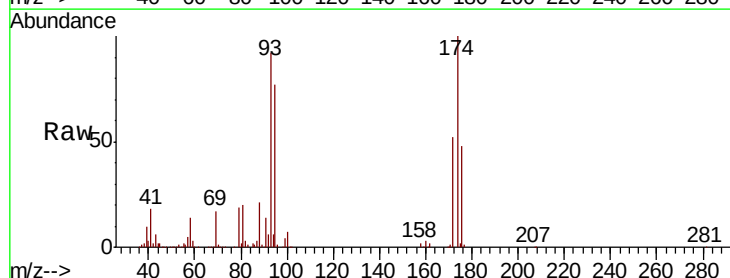
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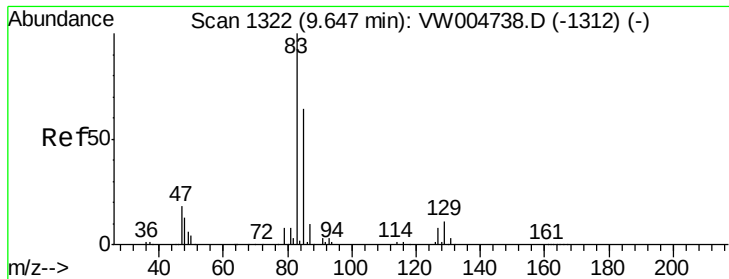
apatel
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#46
Dibromomethane
Concen: 49.63 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	192426		
95	84.0	66.6	99.8	
174	107.9	85.3	127.9	





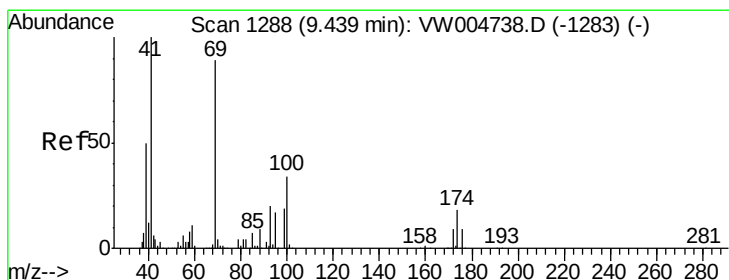
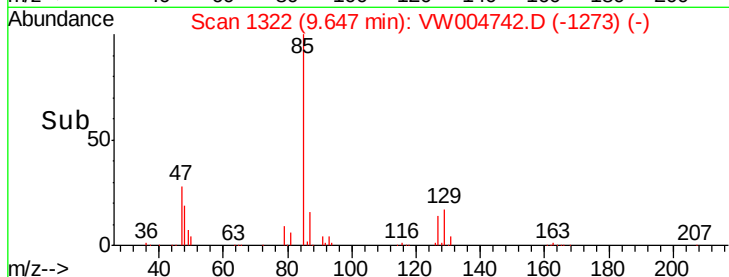
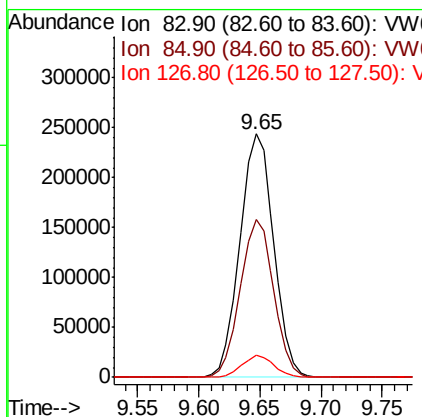
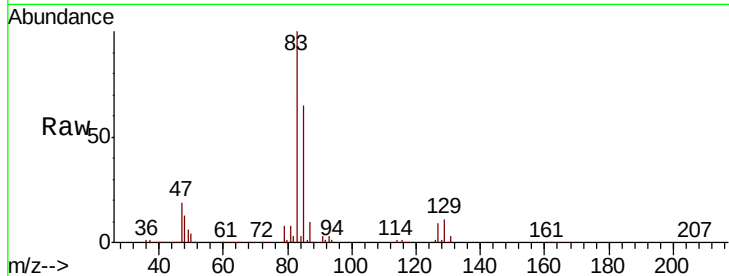
#47
Bromodichloromethane
Concen: 50.34 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	83	Resp	466144
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	51.2	76.8
127	9.0	6.7	10.1

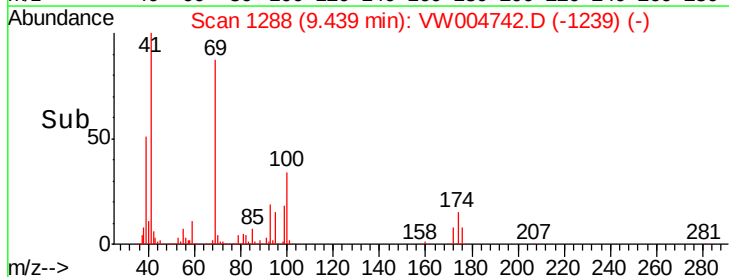
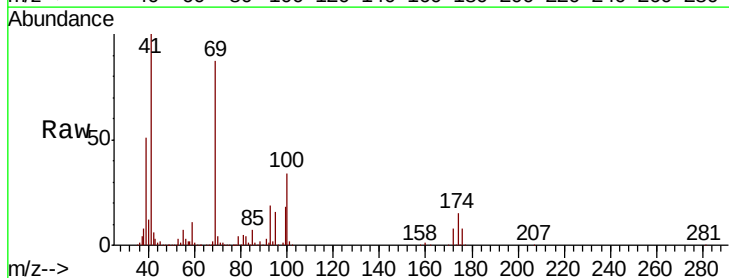
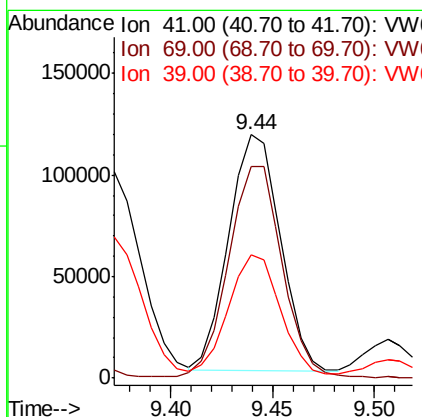
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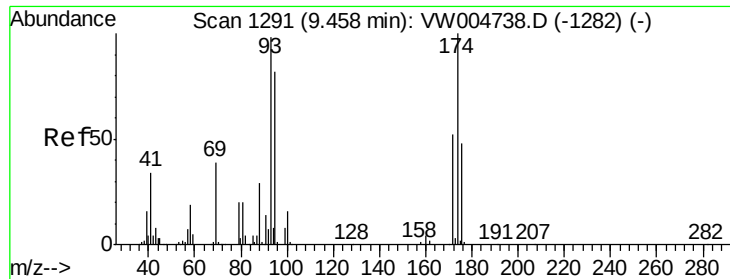
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#48
Methyl methacrylate
Concen: 55.56 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	41	Resp	205528
Ion Ratio	100	Lower	Upper
41	100		
69	93.8	75.2	112.8
39	49.8	39.8	59.6





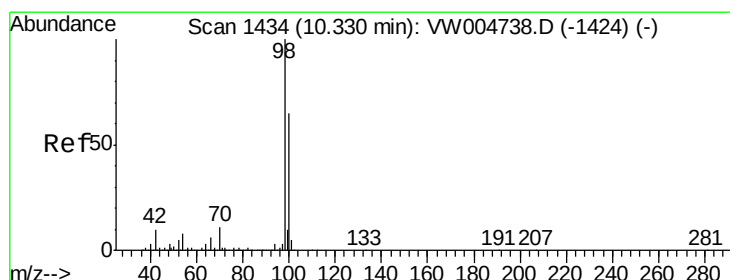
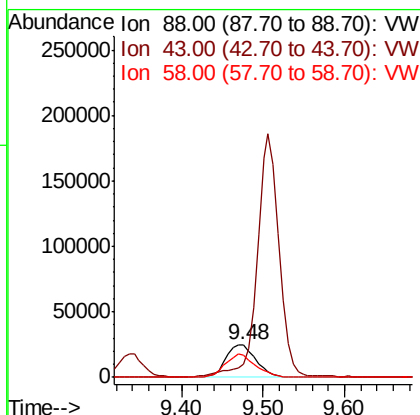
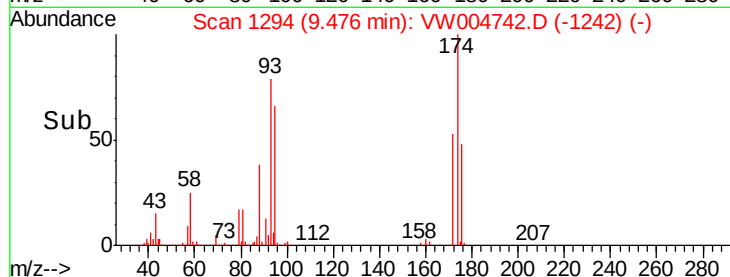
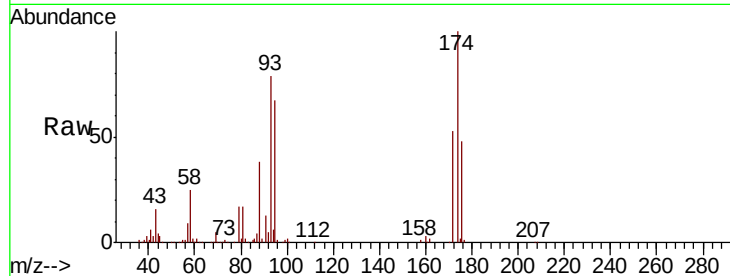
#49
1,4-Dioxane
Concen: 1116.32 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	73.6	60.0	90.0

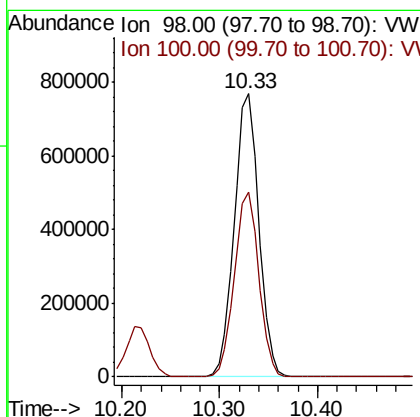
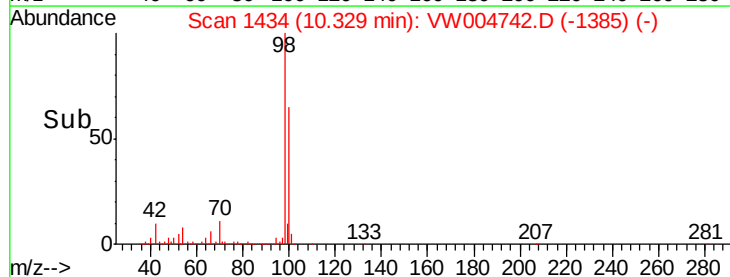
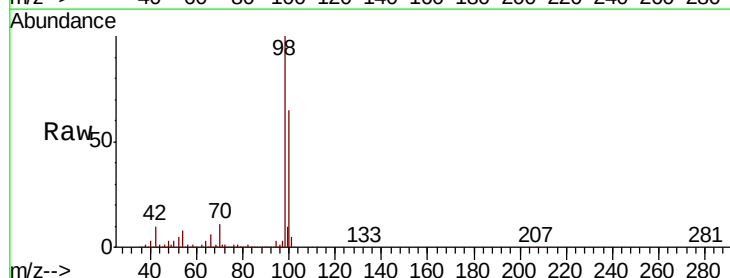
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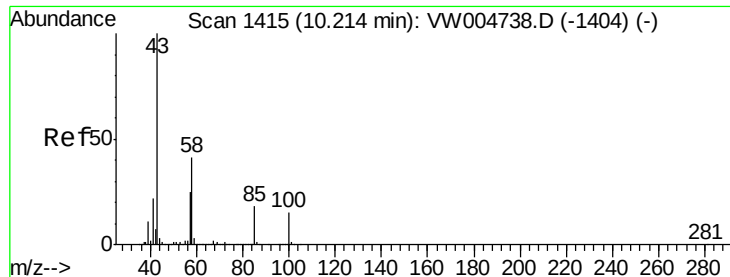
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#50
Toluene-d8
Concen: 50.29 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 277.08 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion: 43 Resp: 1476308

Ion Ratio Lower Upper

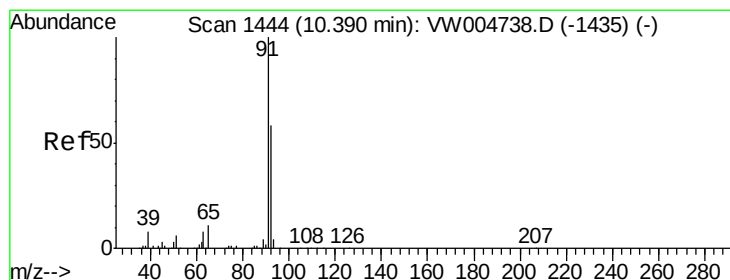
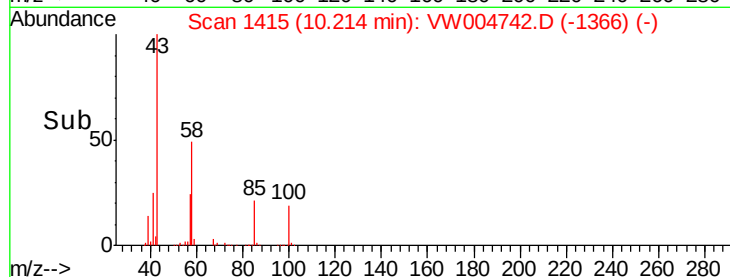
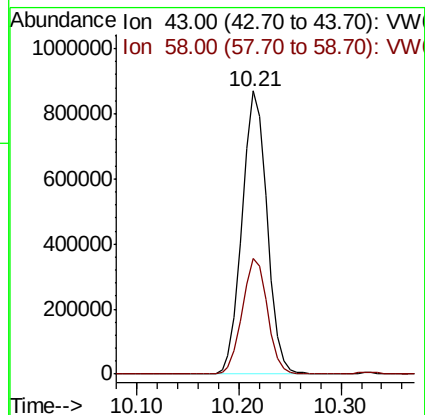
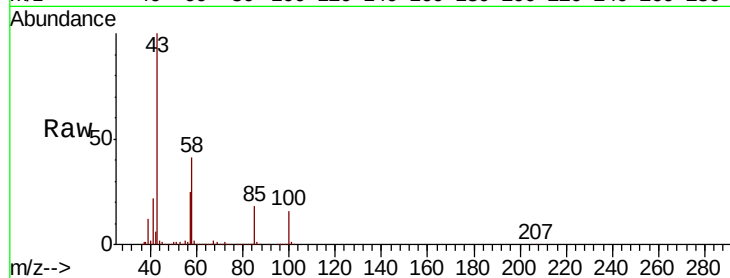
43 100

58 41.1 32.7 49.1

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#52

Toluene

Concen: 49.93 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004742.D

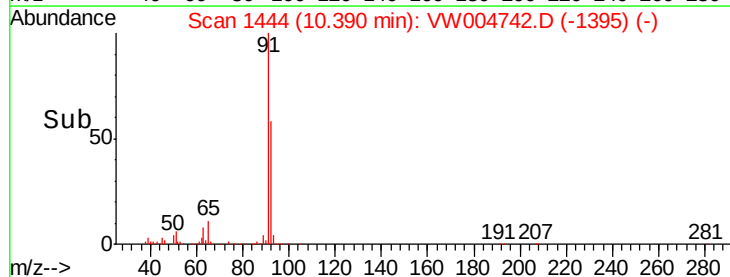
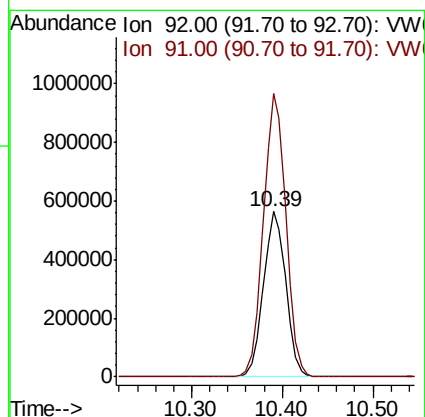
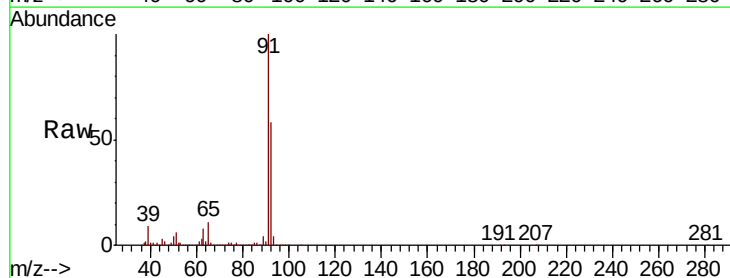
Acq: 17 Aug 2018 19:21

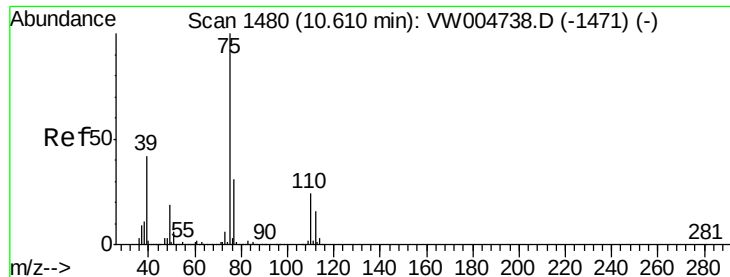
Tgt Ion: 92 Resp: 958196

Ion Ratio Lower Upper

92 100

91 172.7 138.3 207.5





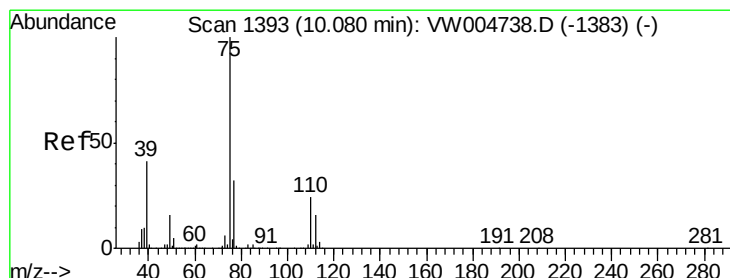
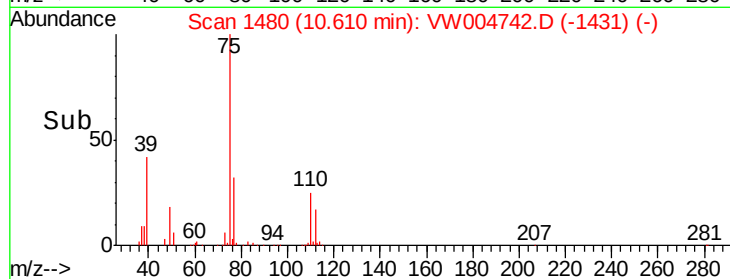
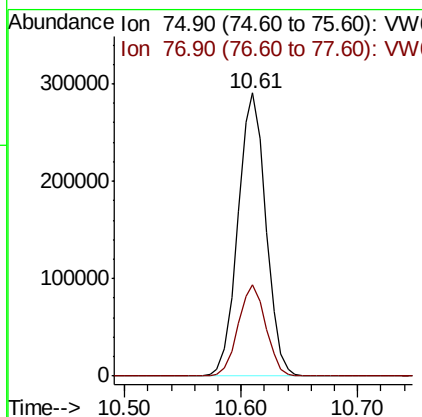
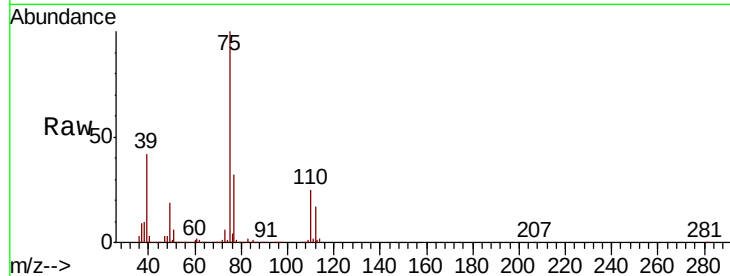
#53
t-1,3-Dichloropropene
Concen: 52.08 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2

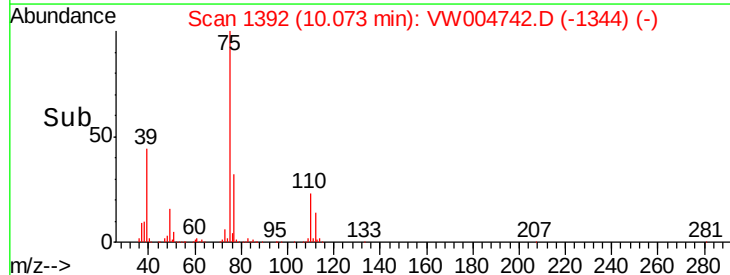
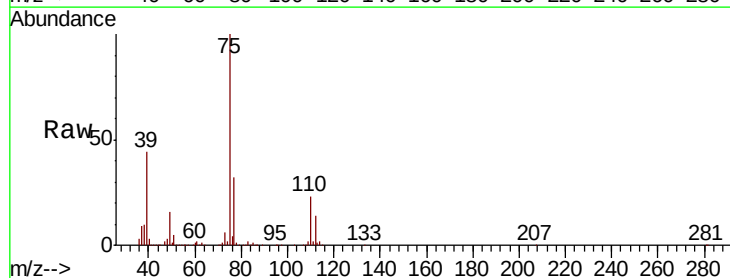
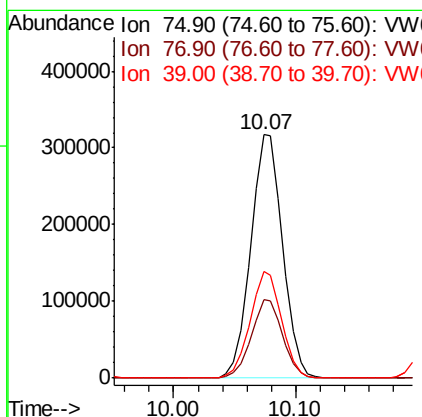
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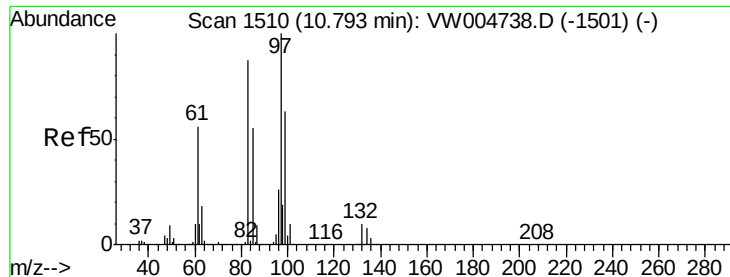
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#54
cis-1,3-Dichloropropene
Concen: 51.61 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.6	38.4
39	44.0	33.0	49.4





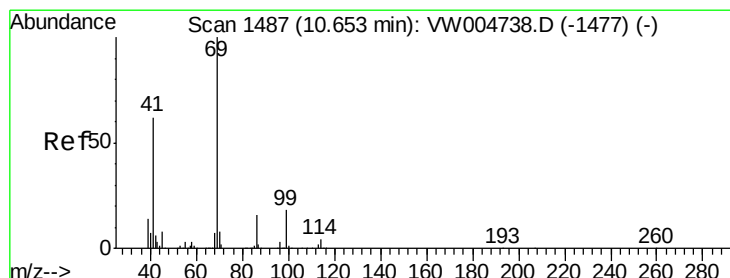
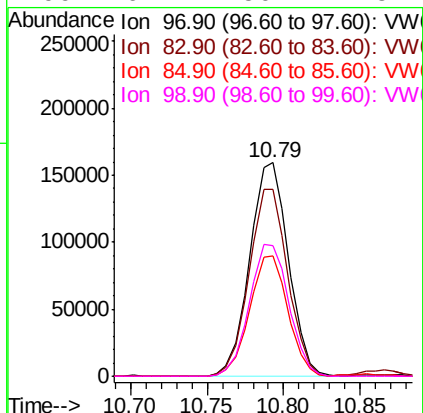
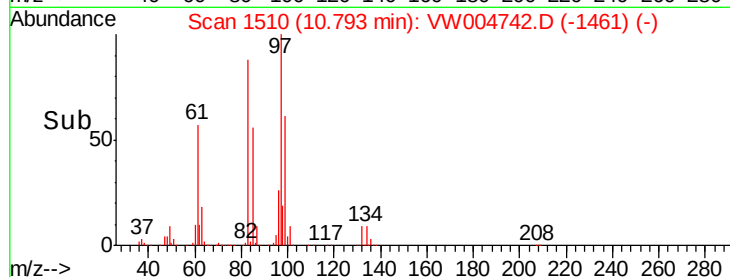
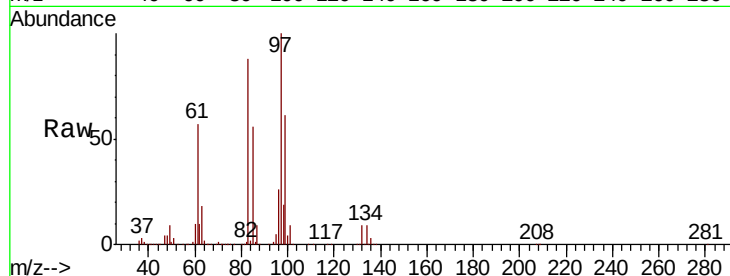
#55
 1,1,2-Trichloroethane
 Concen: 50.92 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		280665		
83	87.5	69.4	104.2		
85	56.1	44.3	66.5		
99	61.2	50.2	75.2		

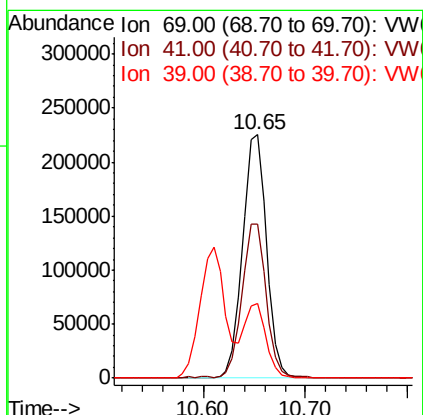
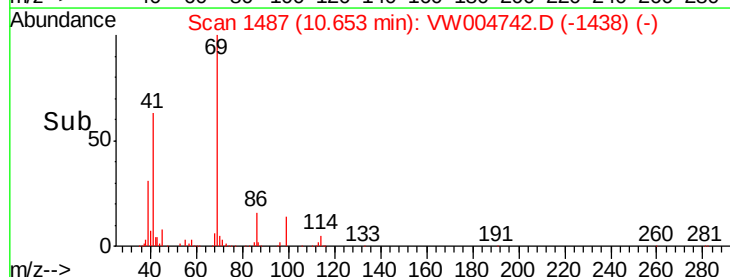
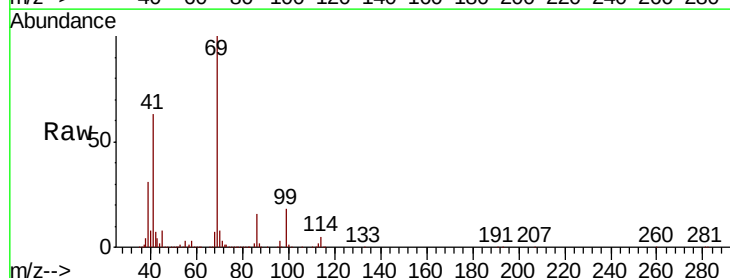
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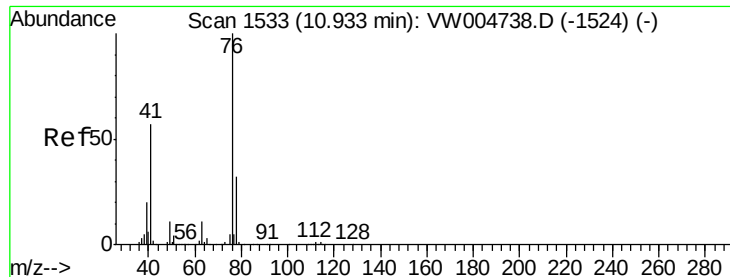
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#56
 Ethyl methacrylate
 Concen: 51.00 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		367661		
41	63.0	50.7	76.1		
39	26.7	21.4	32.2		





#57

1,3-Dichloropropane

Concen: 51.67 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion: 76 Resp: 491587

Ion Ratio Lower Upper

76 100

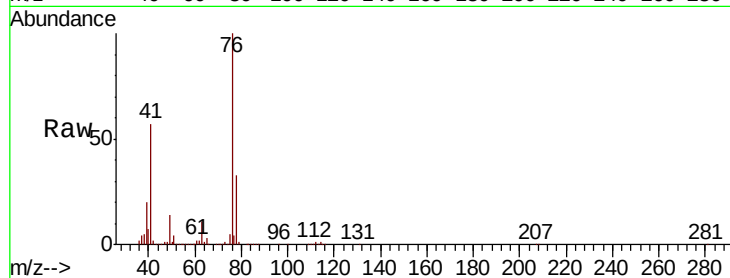
78 32.2 25.9 38.9

Manual Integrations

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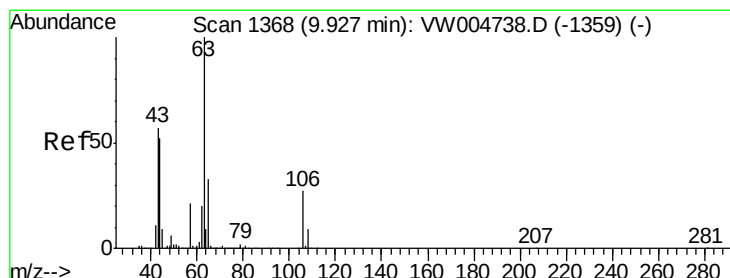
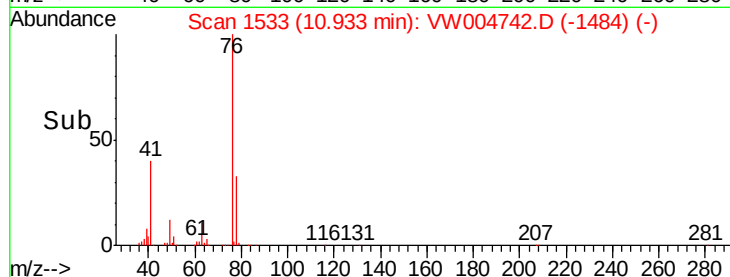
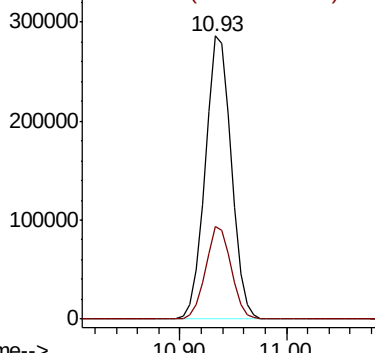
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 281.84 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004742.D

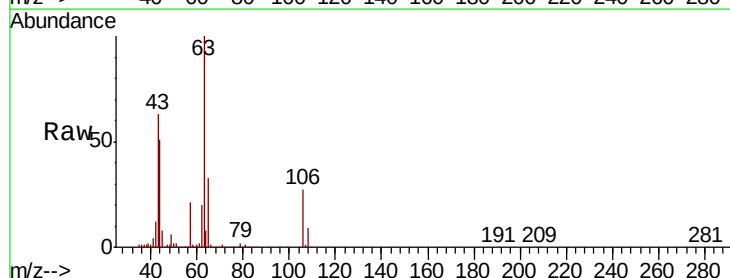
Acq: 17 Aug 2018 19:21

Tgt Ion: 63 Resp: 857897

Ion Ratio Lower Upper

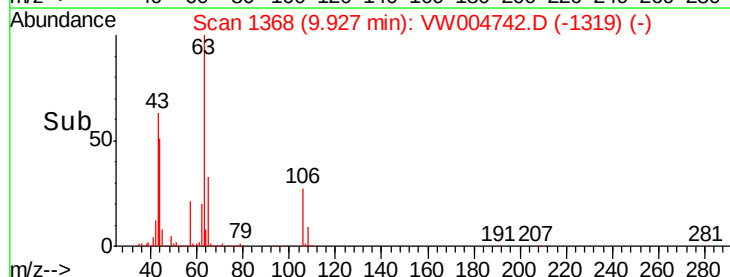
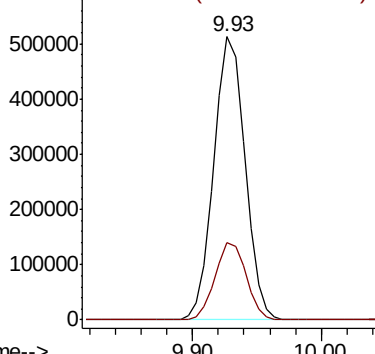
63 100

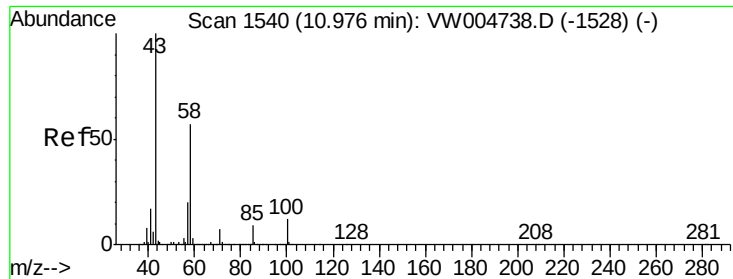
106 27.3 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





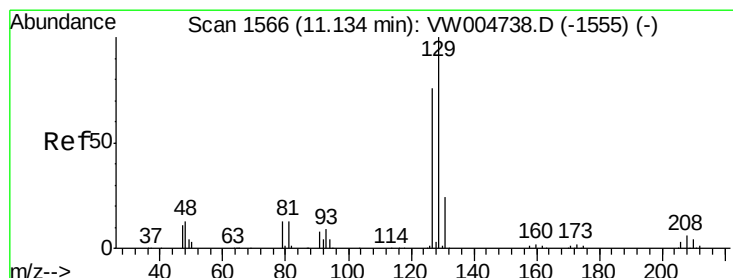
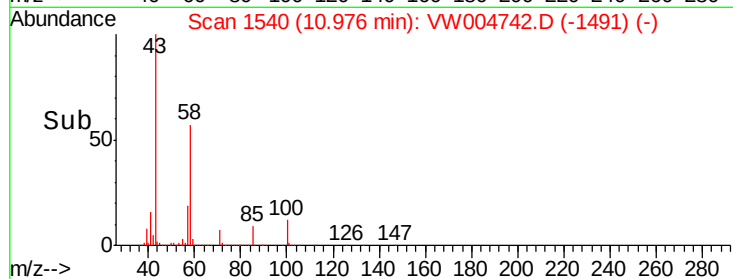
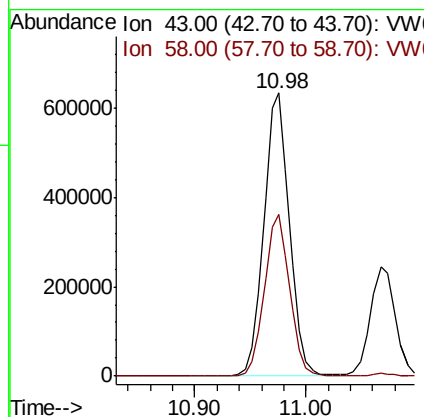
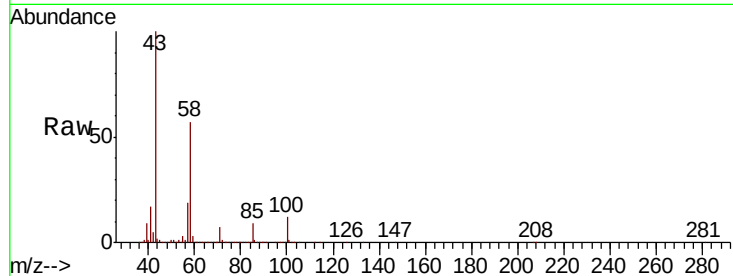
#59
2-Hexanone
Concen: 280.45 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion: 43 Resp: 1012463
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.4

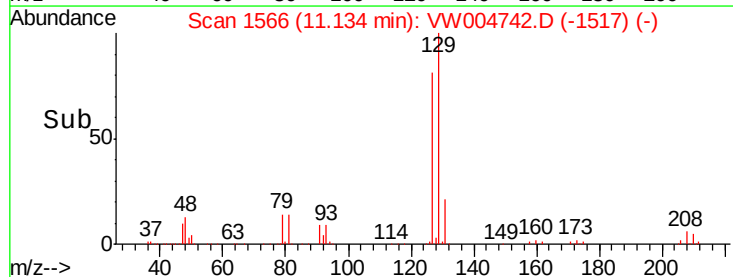
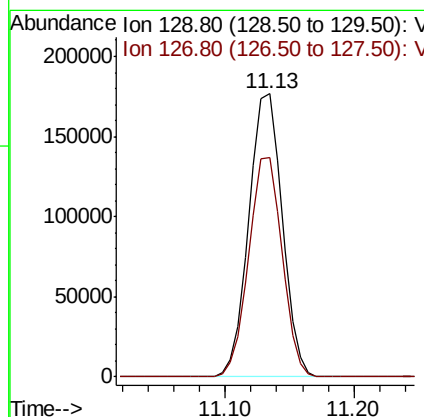
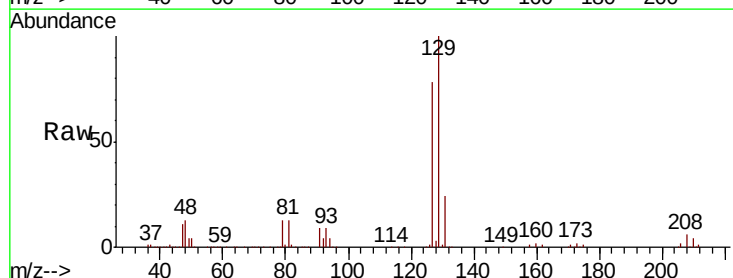
Manual Integrations
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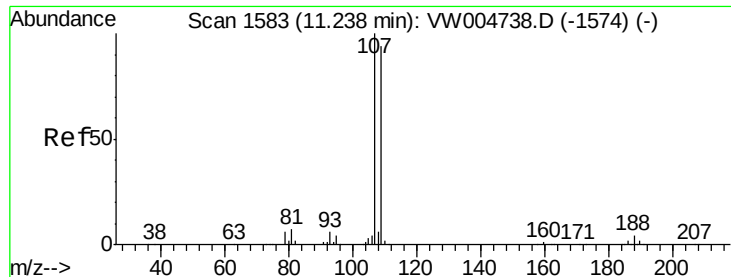
apatel
8/20/2018 9:54:11 AM



#60
Dibromochloromethane
Concen: 51.29 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 129 Resp: 317172
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.12 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion: 107 Resp: 269344

Ion Ratio Lower Upper

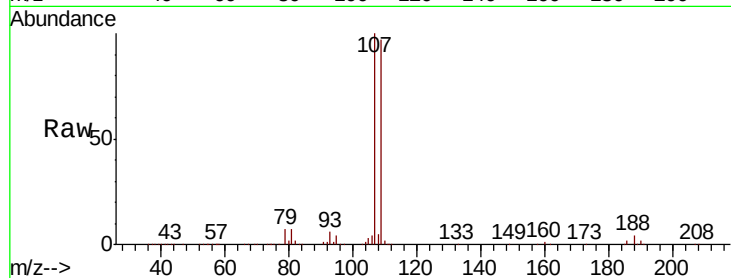
107 100

109 95.5 75.5 113.3

Manual Integrations
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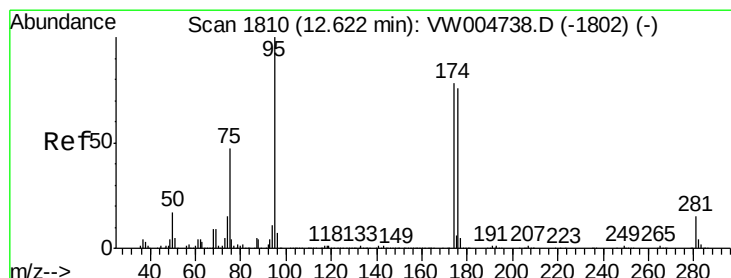
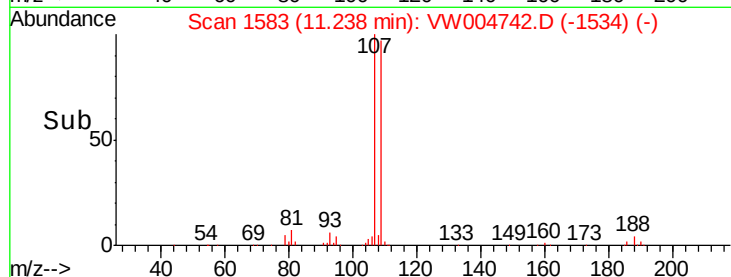
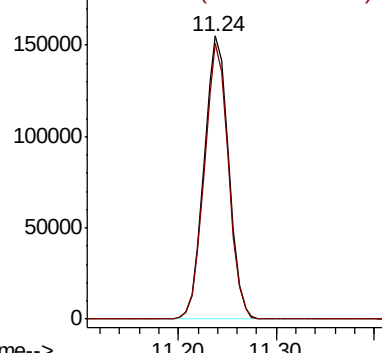
apatel

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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: 51.35 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

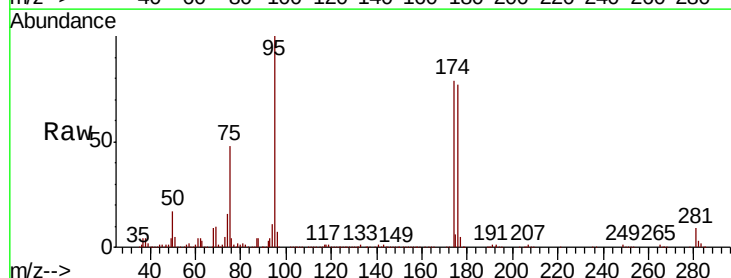
Tgt Ion: 95 Resp: 492576

Ion Ratio Lower Upper

95 100

174 81.6 0.0 165.8

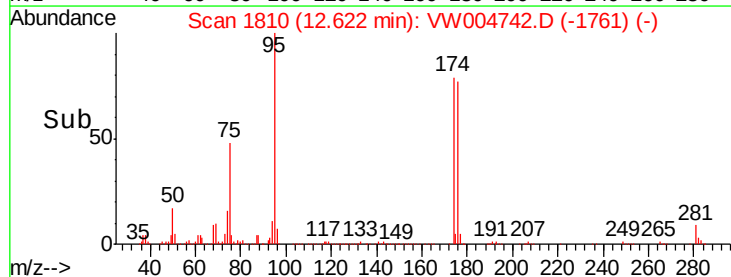
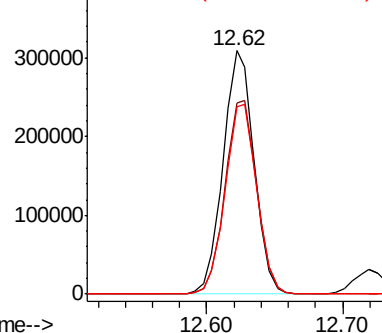
176 79.8 0.0 159.8

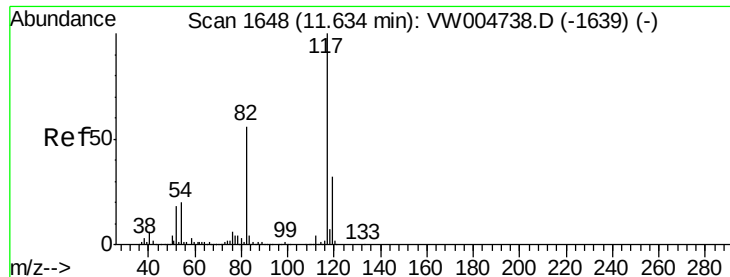


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





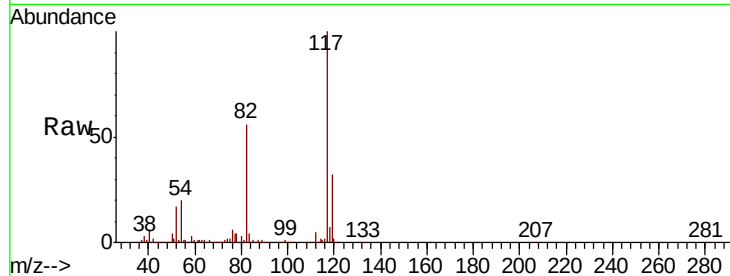
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Resp	Lower	Upper
117	100	998536		
82	55.7		44.6	67.0
119	32.3		25.6	38.4

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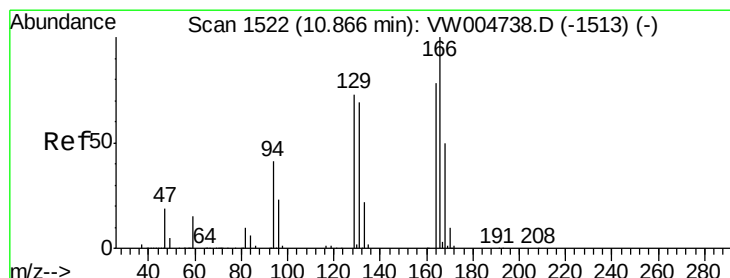
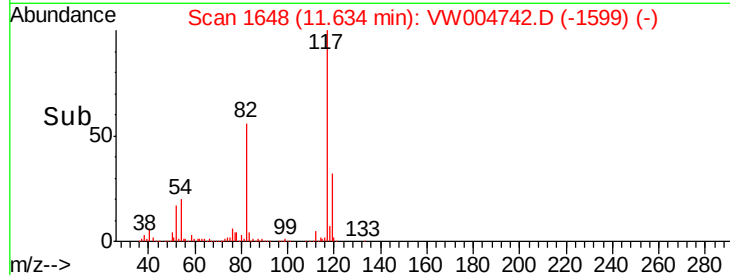
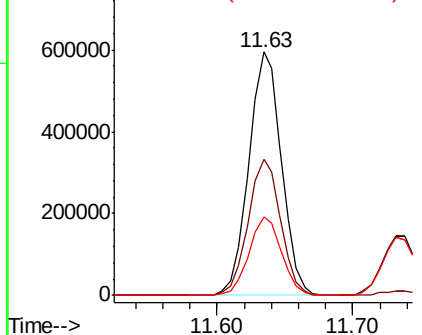


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.66 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	338904		
166	127.8		102.5	153.7
129	91.6		75.1	112.7
131	88.8		71.3	106.9

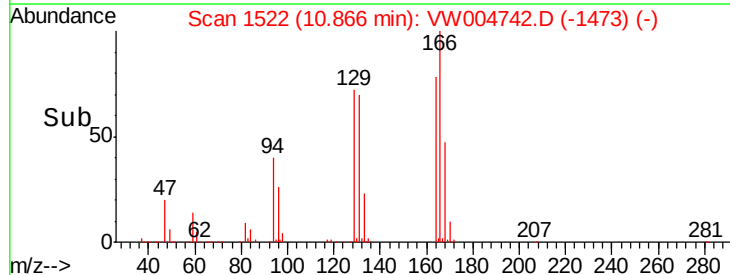
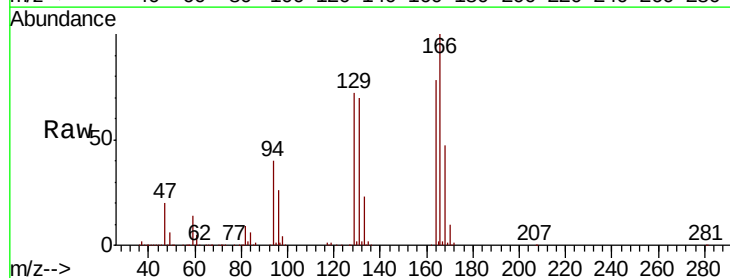
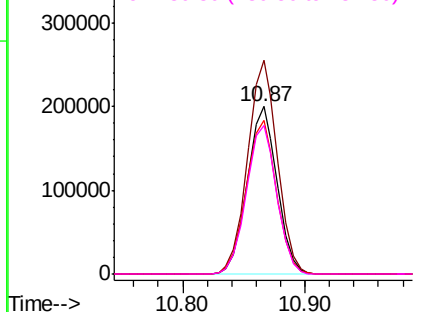
Abundance

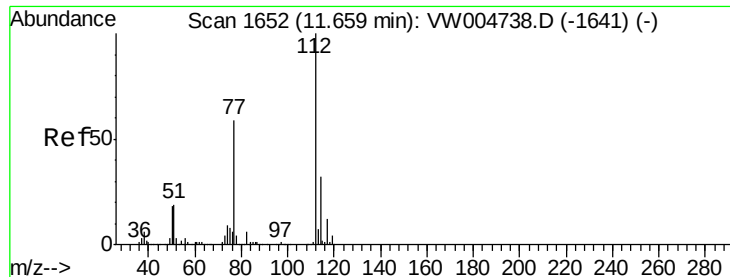
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.33 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion:112 Resp: 1060239

Ion Ratio Lower Upper

112 100

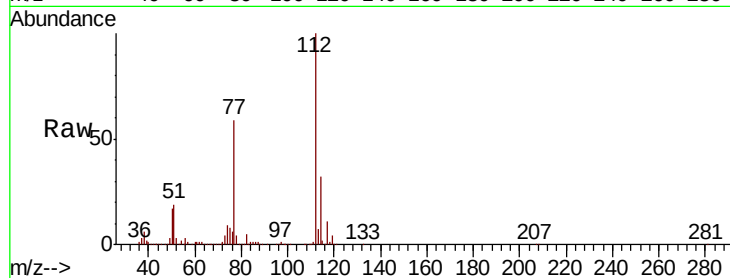
114 31.5 25.4 38.2

Manual Integrations

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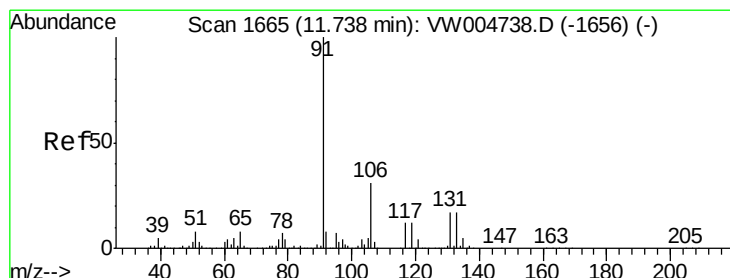
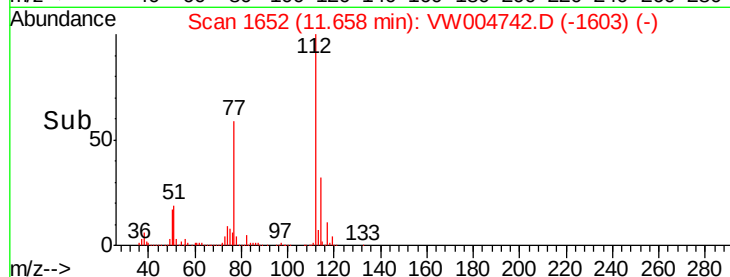
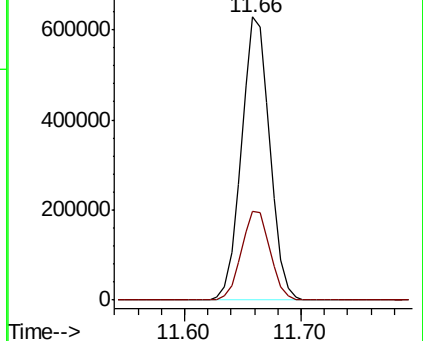
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.57 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

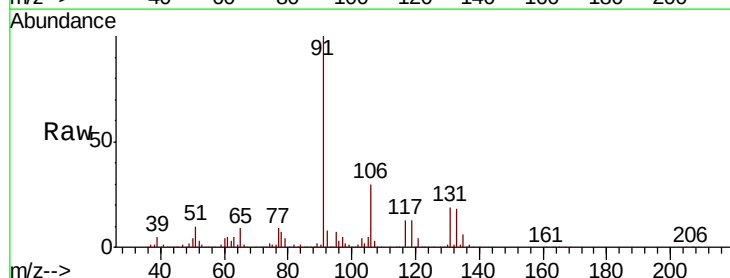
Tgt Ion:131 Resp: 359698

Ion Ratio Lower Upper

131 100

133 96.5 48.2 144.6

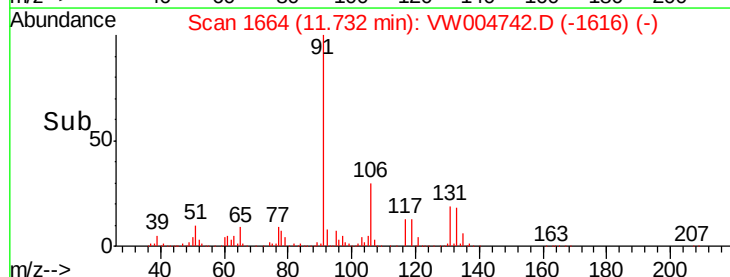
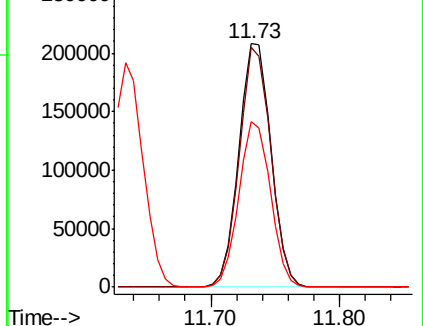
119 67.2 34.0 102.0

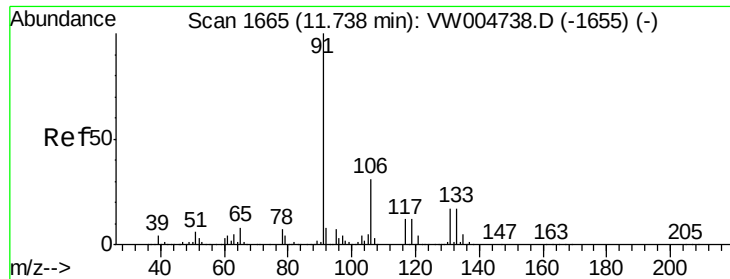


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





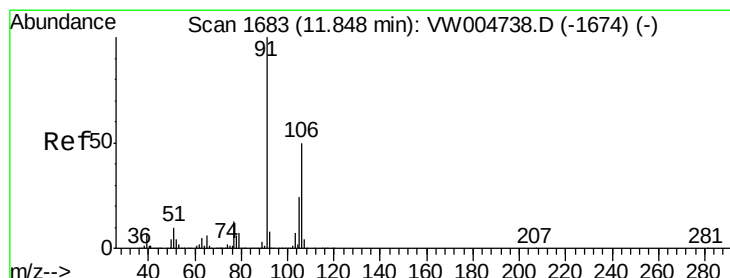
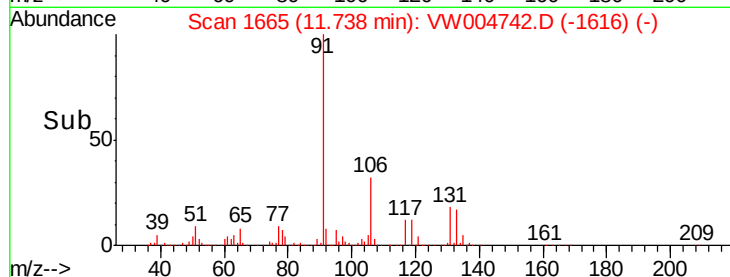
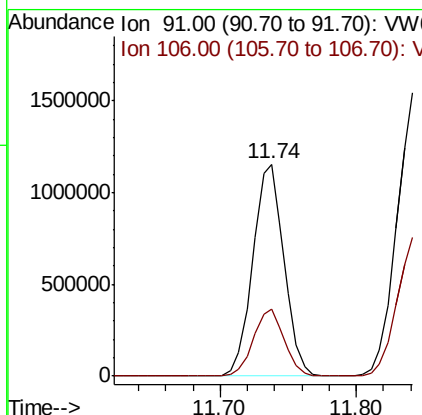
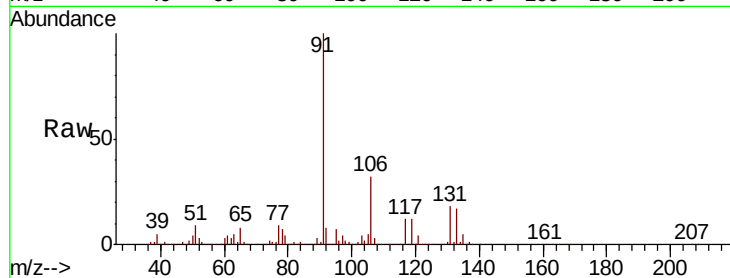
#67
Ethyl Benzene
Concen: 50.90 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion: 91 Resp: 1854484
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

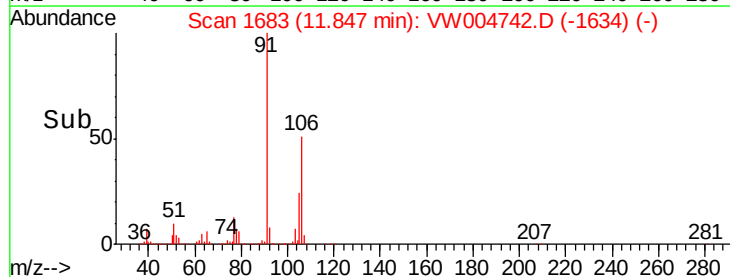
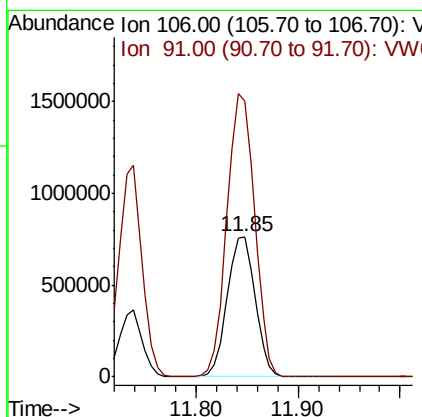
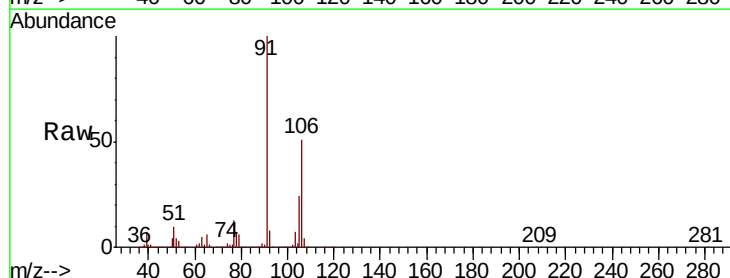
Manual Integrations
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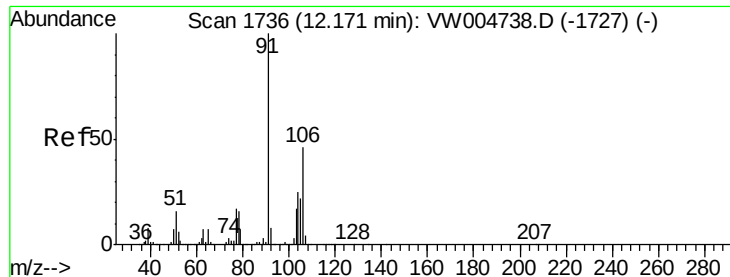
apatel
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#68
m/p-Xylenes
Concen: 102.14 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion:106 Resp: 1447796
Ion Ratio Lower Upper
106 100
91 200.8 159.9 239.9





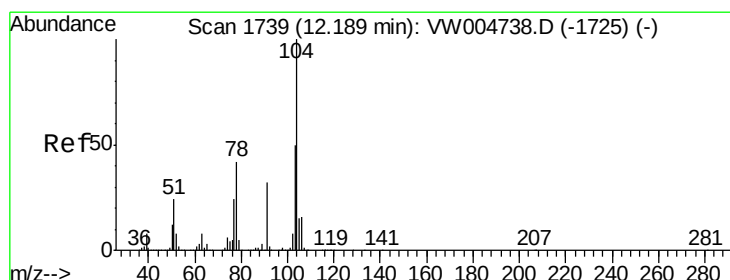
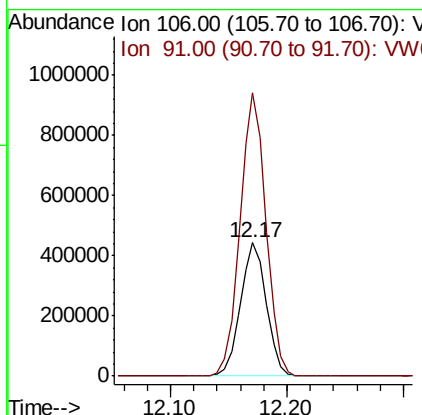
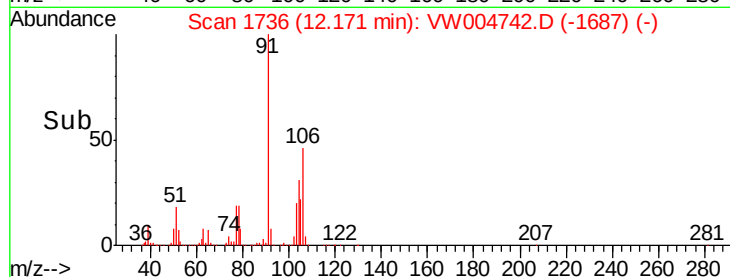
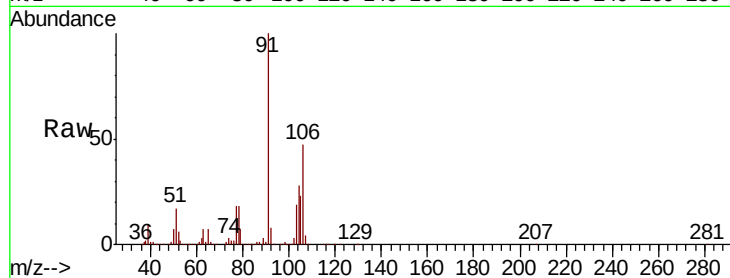
#69
o-Xylene
Concen: 52.20 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampled :
ICVW081918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		685001		
91	212.5	107.3	321.8		

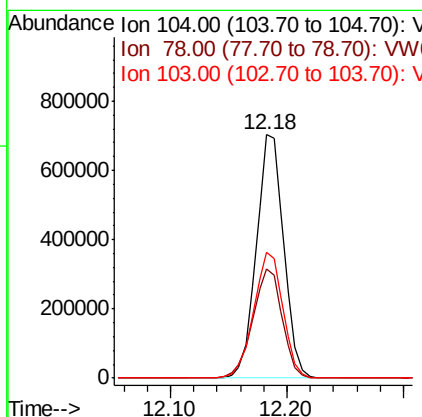
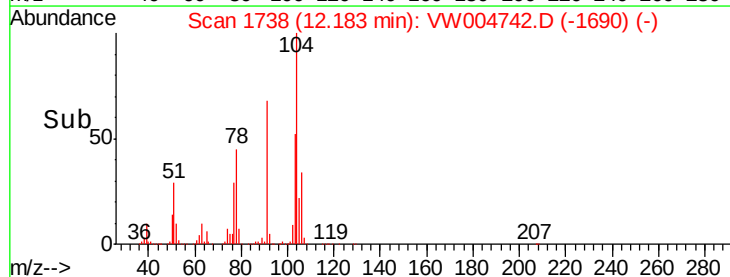
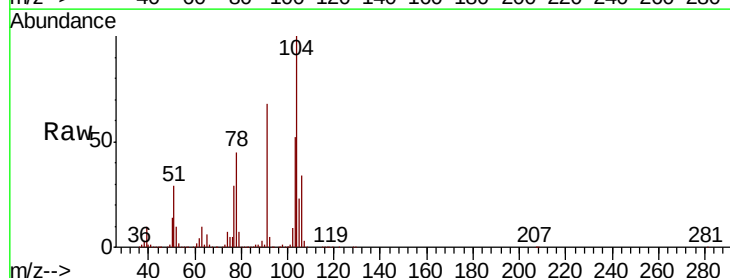
Manual Integrations
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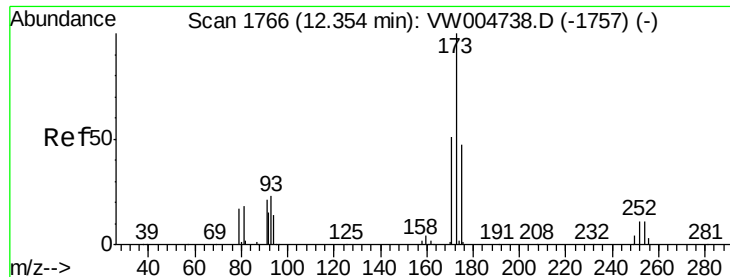
apatel
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#70
Styrene
Concen: 52.33 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		1153477		
78	48.1	38.4	57.6		
103	55.3	44.1	66.1		





#71

Bromoform

Concen: 52.06 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

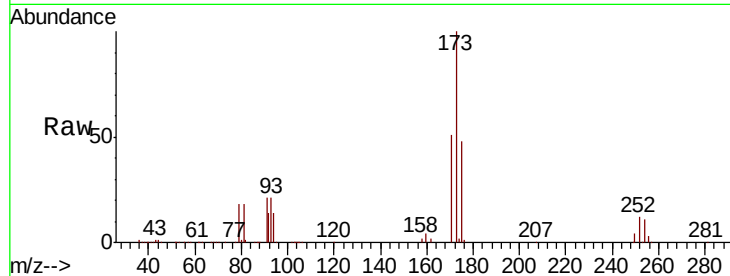
ClientSampleId :

ICVW081918

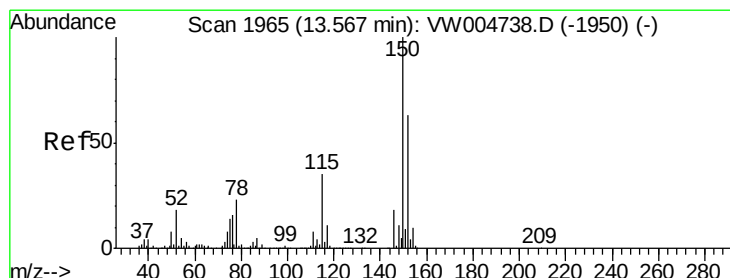
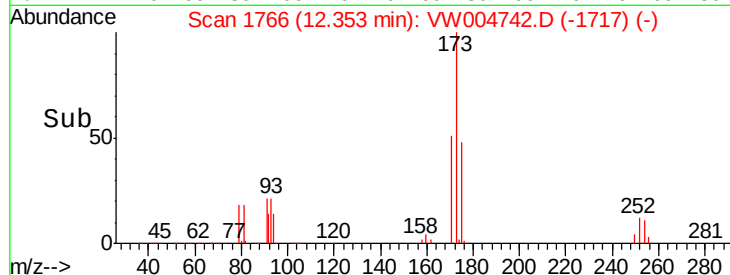
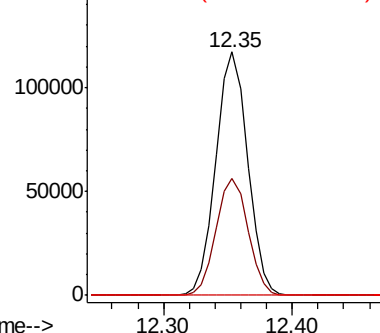
Tot Ion:	173	Resp:	199389
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.8	71.4
254	0.1	0.1	0.1#

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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

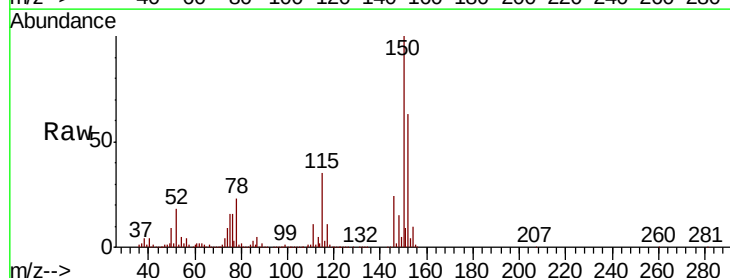
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

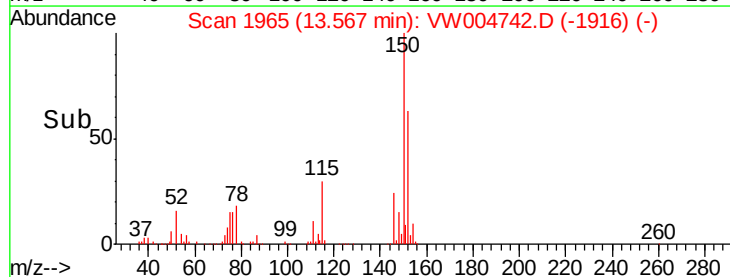
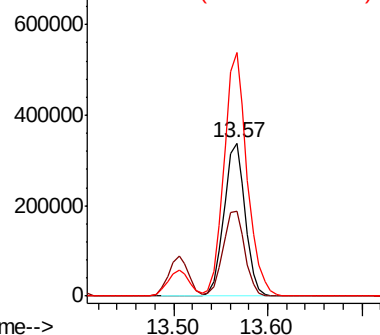
Lab File: VW004742.D

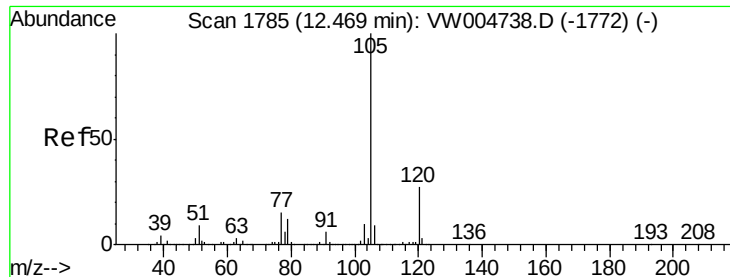
Acq: 17 Aug 2018 19:21

Tgt Ion:	152	Resp:	534351
Ion Ratio	Lower	Upper	
152	100		
115	57.1	28.5	85.5
150	172.9	0.0	344.8



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: 51.78 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion:105 Resp: 1882396

Ion Ratio Lower Upper

105 100

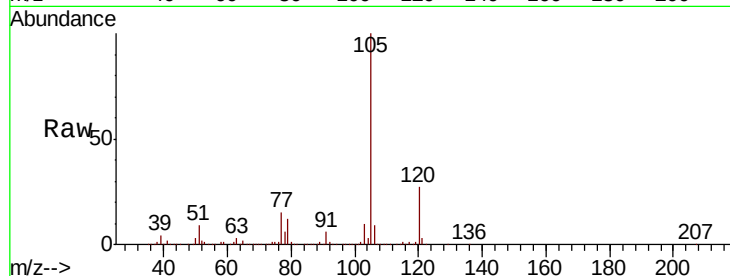
120 26.4 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

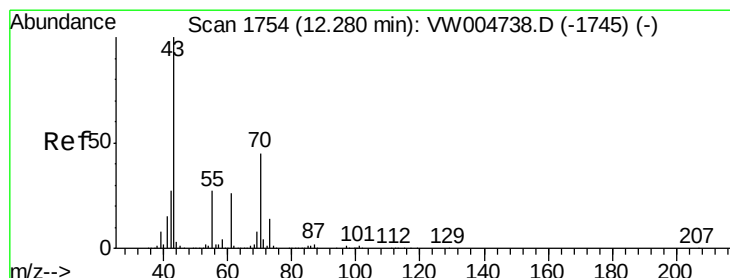
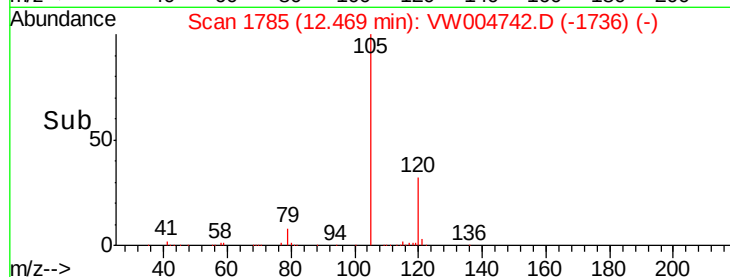
12.47

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 49.89 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Tgt Ion: 43 Resp: 424671

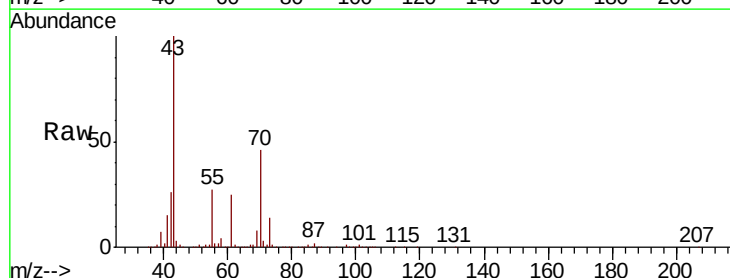
Ion Ratio Lower Upper

43 100

70 45.0 36.3 54.5

55 27.5 22.6 33.8

61 25.2 20.2 30.4



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

400000

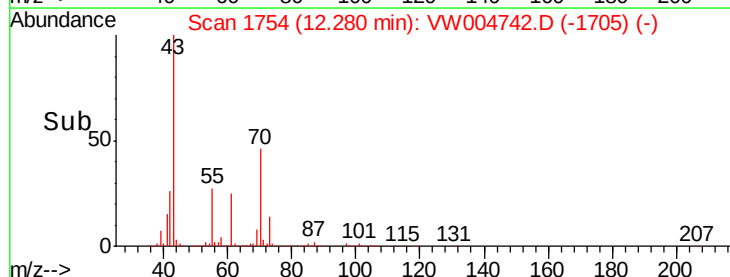
300000

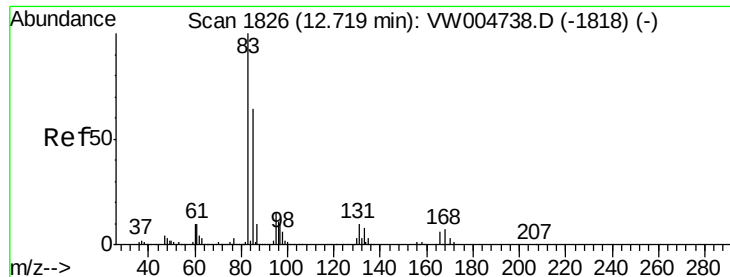
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.65 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

Tot Ion: 83 Resp: 347820
Ion Ratio Lower Upper

83 100

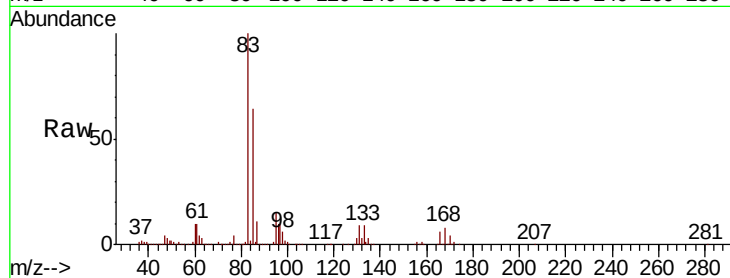
131 10.4 5.3 15.8

85 64.4 31.9 95.9

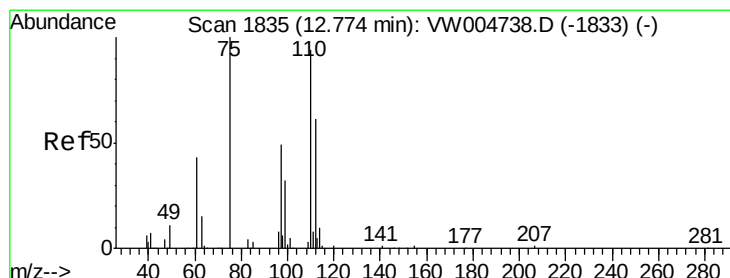
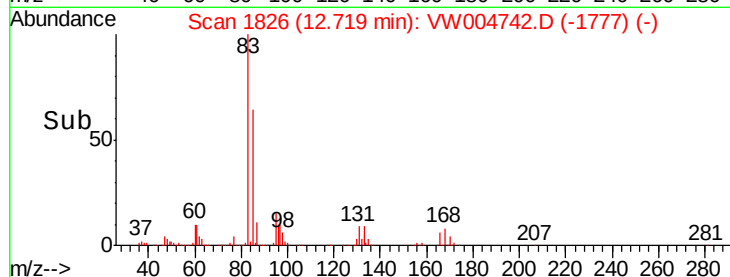
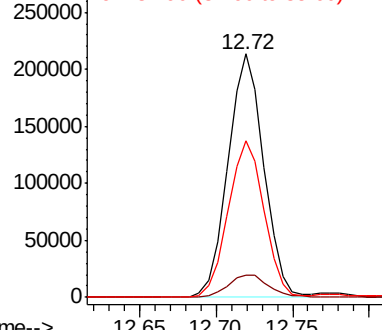
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 57.57 ug/l m

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

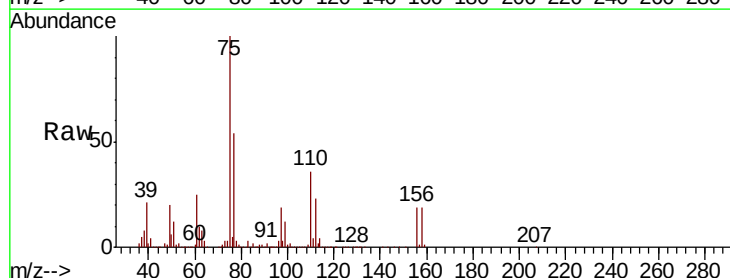
Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

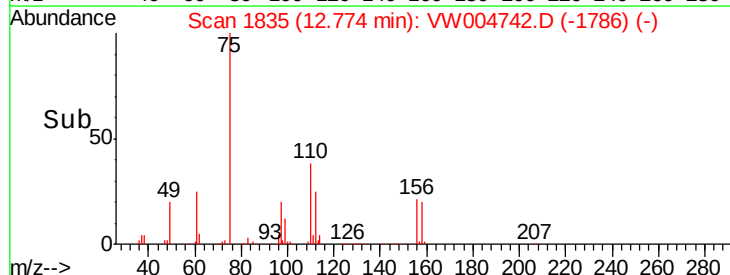
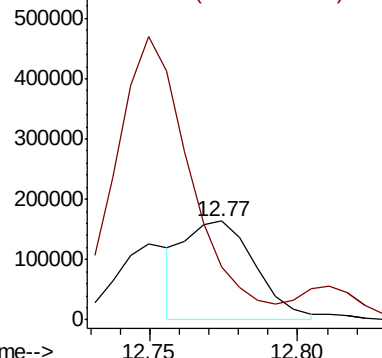
Tgt Ion: 75 Resp: 271171
Ion Ratio Lower Upper

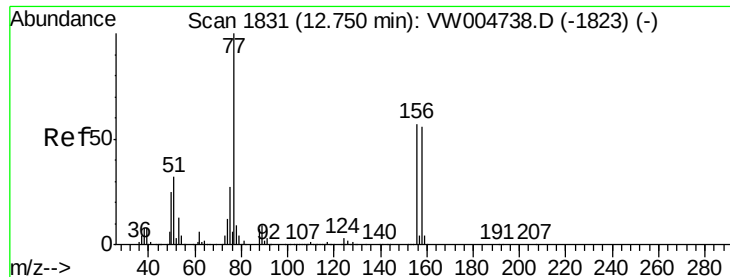
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





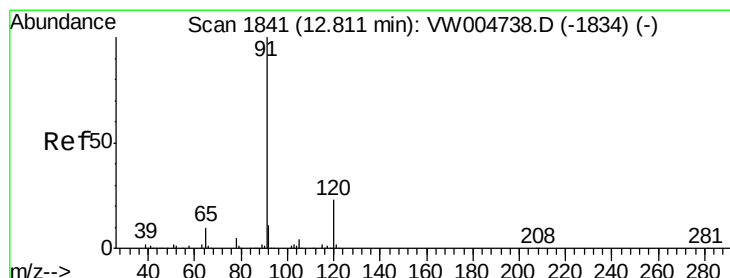
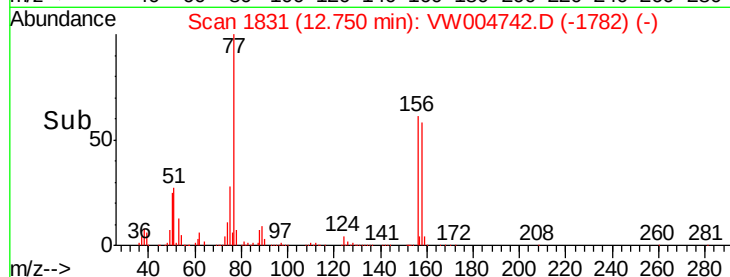
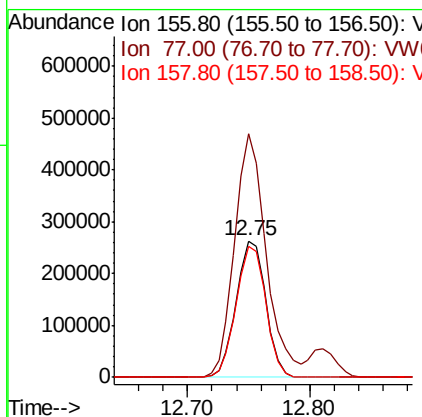
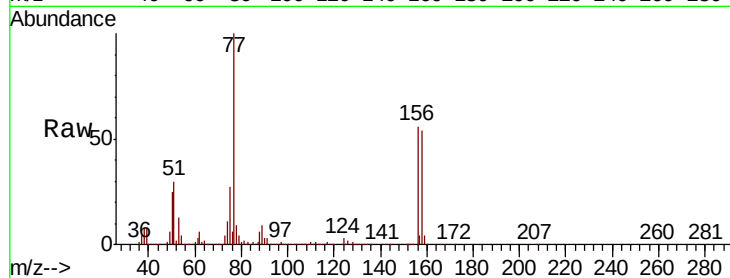
#77
Bromobenzene
Concen: 49.79 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.5	94.2	282.4
158	96.9	48.6	145.9

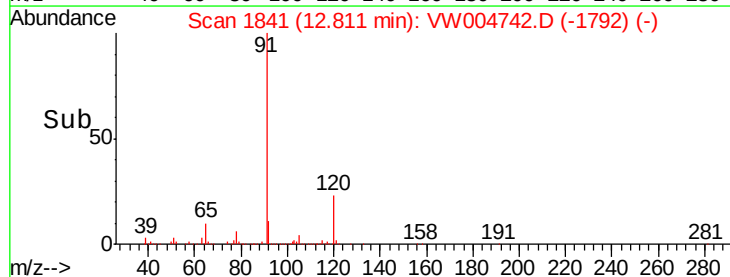
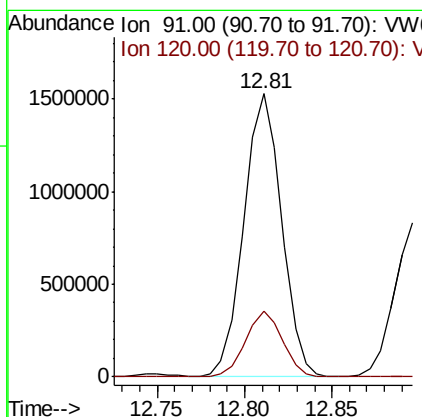
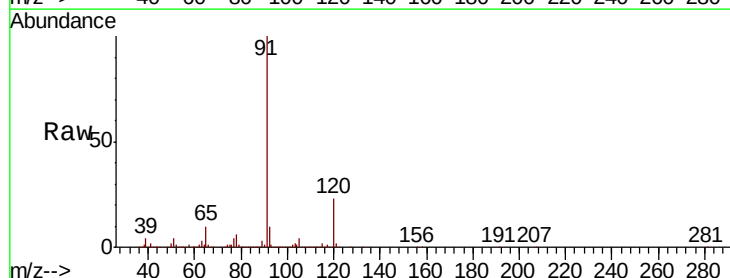
Manual Integrations
APPROVED

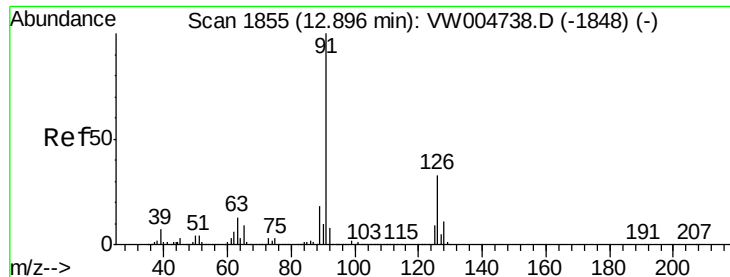
apatel
8/20/2018 9:54:11 AM



#78
n-propylbenzene
Concen: 51.75 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.2





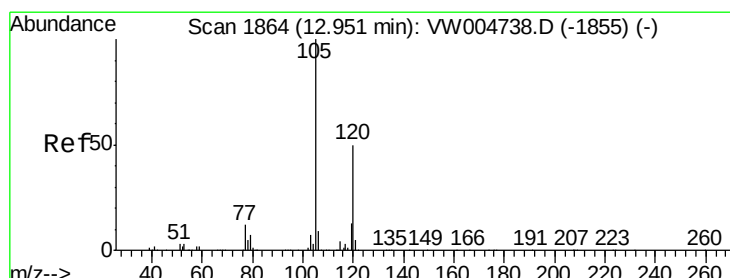
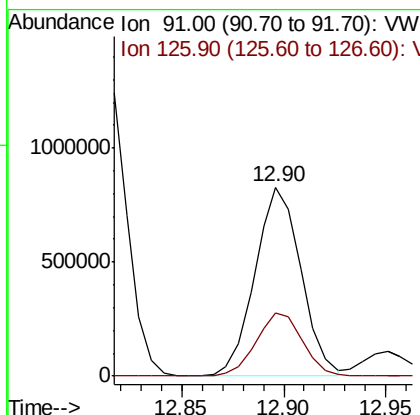
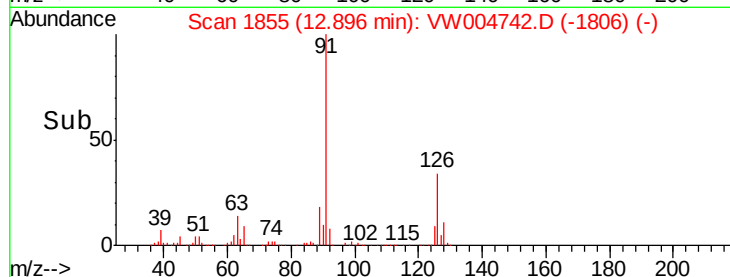
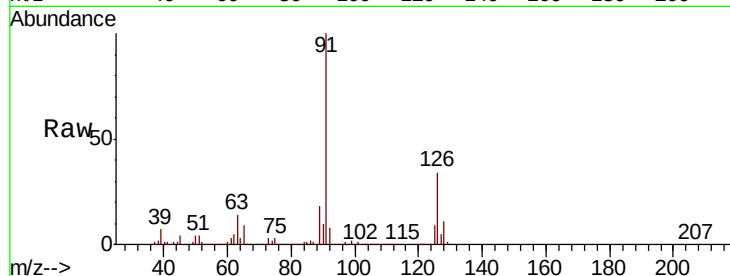
#79
2-Chlorotoluene
Concen: 50.88 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampled :
ICVW081918

Tot Ion: 91 Resp: 1300949
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0

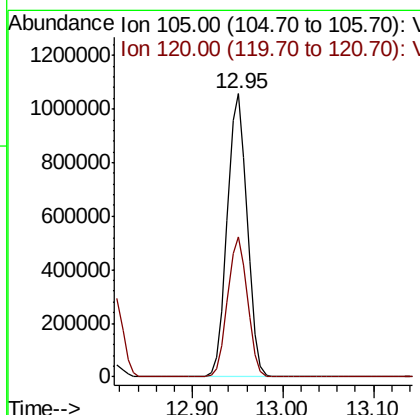
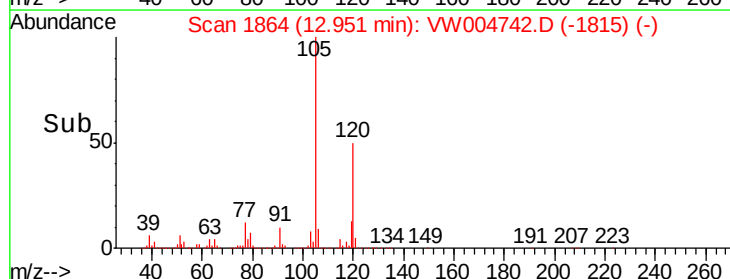
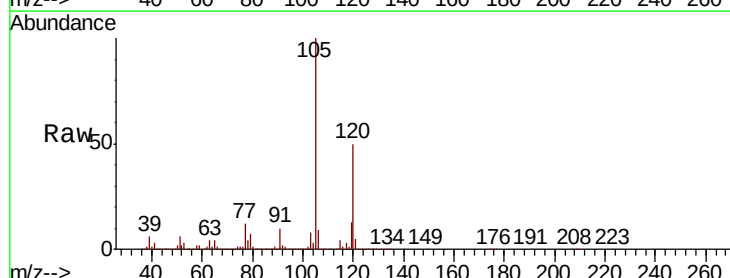
Manual Integrations
APPROVED

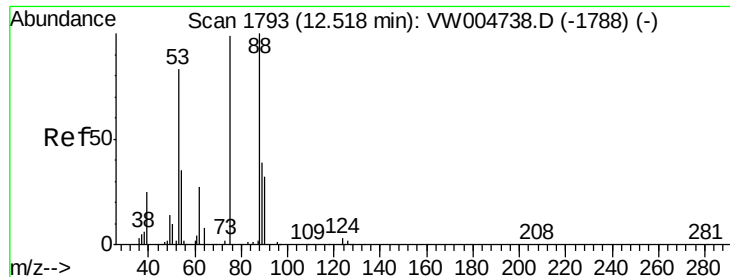
apatel
8/20/2018 9:54:11 AM



#80
1,3,5-Trimethylbenzene
Concen: 52.03 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion:105 Resp: 1606917
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





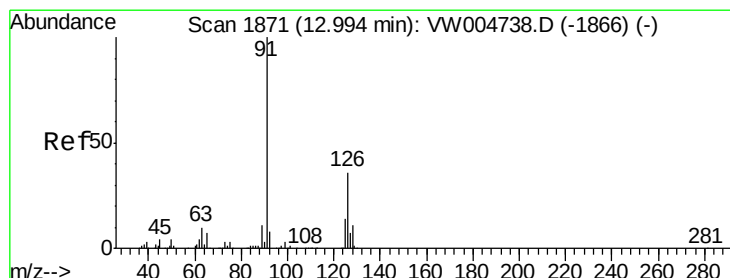
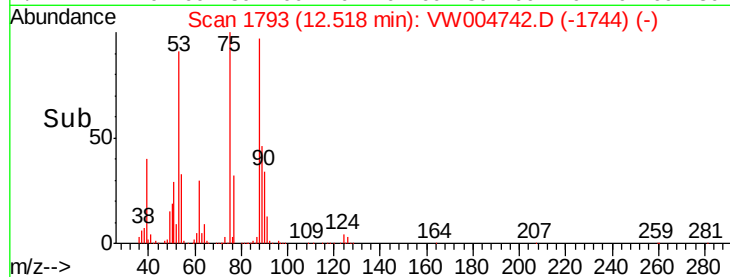
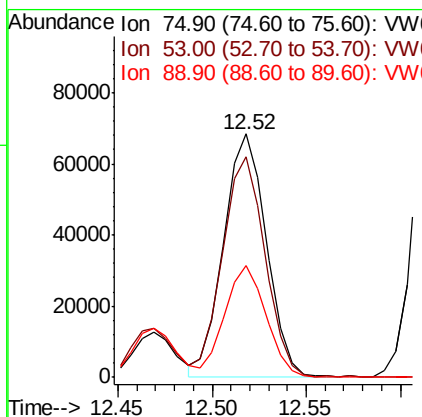
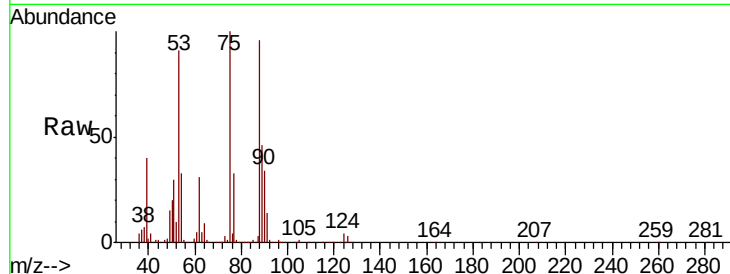
#81
trans-1,4-Dichloro-2-butene
Concen: 52.86 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.0	72.2	108.4
89	44.3	35.2	52.8

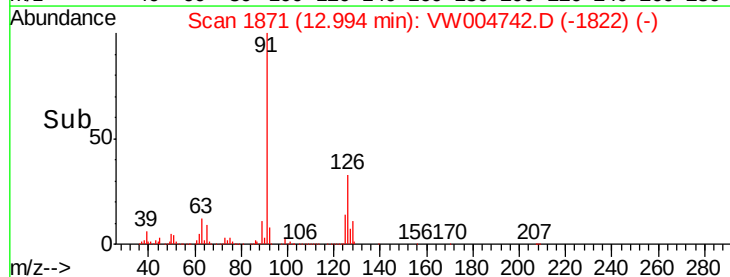
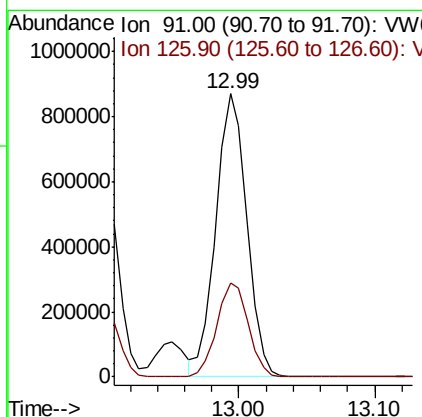
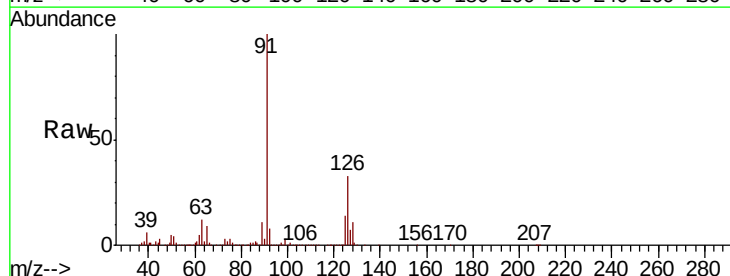
Manual Integrations
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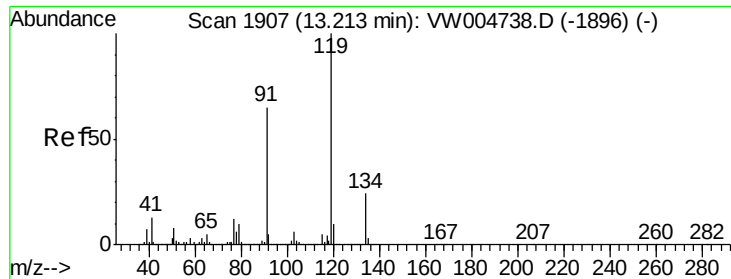
apatel
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#82
4-Chlorotoluene
Concen: 50.47 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.7





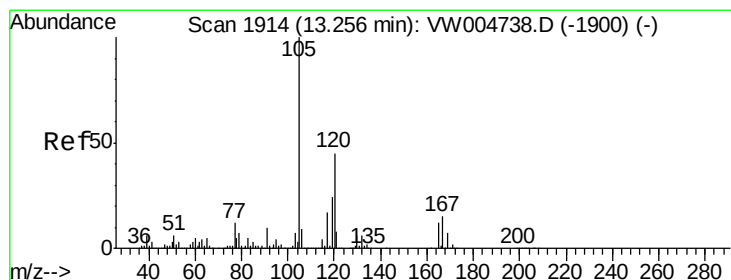
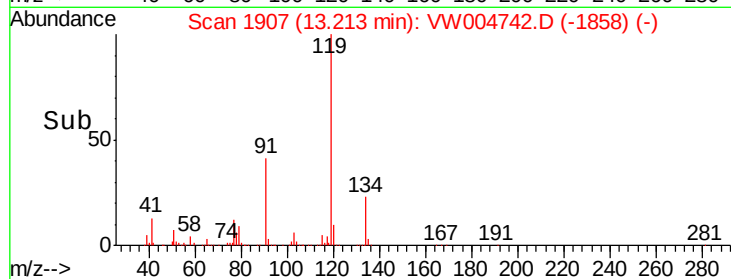
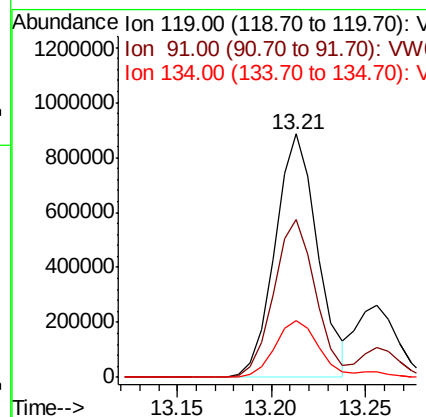
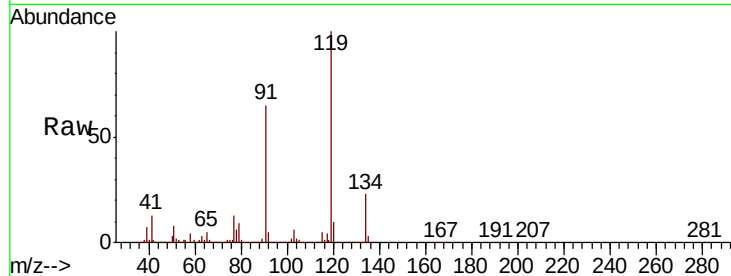
#83
 tert-Butylbenzene
 Concen: 52.38 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.6	97.8
134	25.8	13.1	39.3

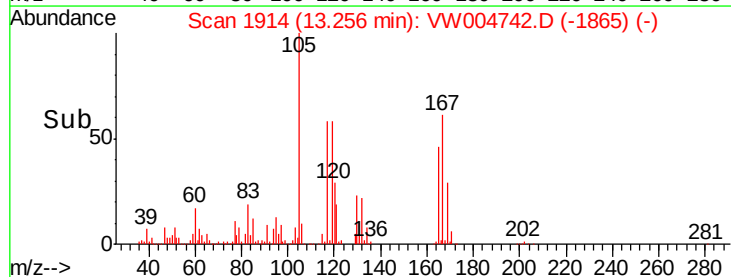
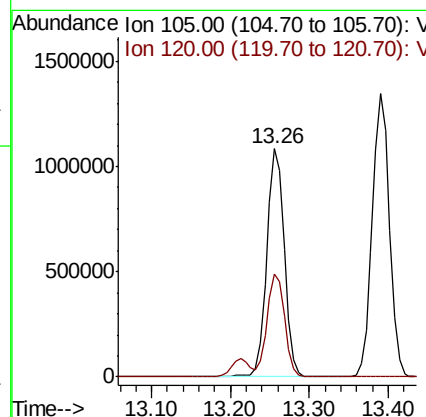
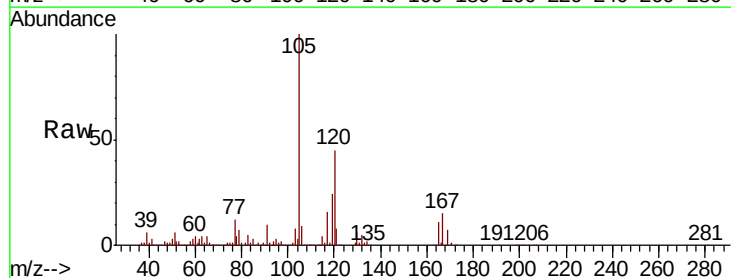
Manual Integrations
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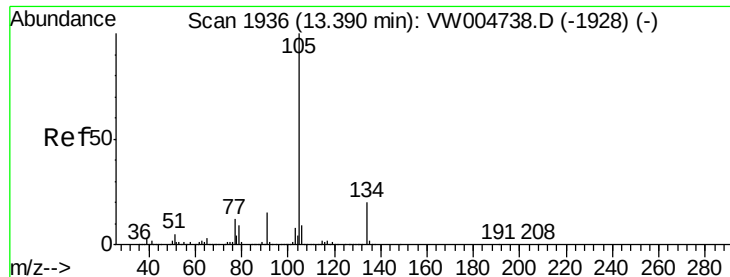
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.37 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





#85

sec-Butylbenzene

Concen: 51.69 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampled :

ICVW081918

Tot Ion:105 Resp: 2038711

Ion Ratio Lower Upper

105 100

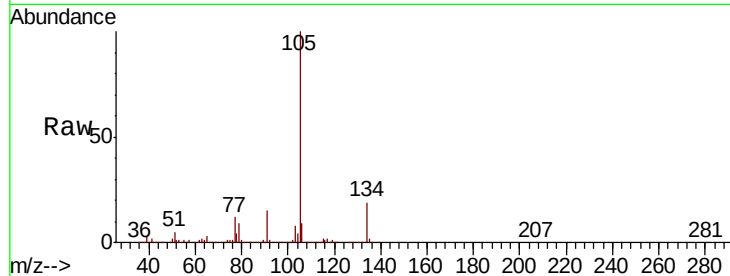
134 19.5 10.0 29.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

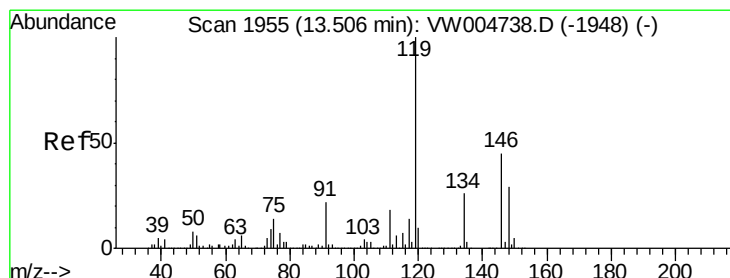
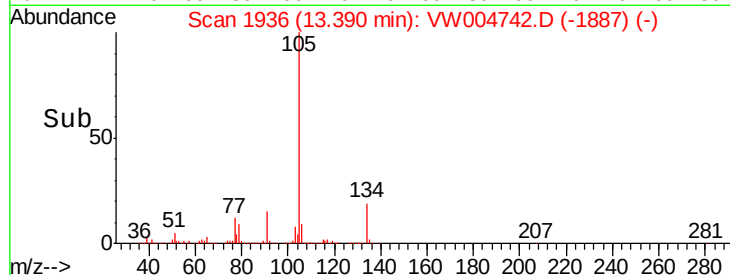
1500000

1000000

500000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 52.27 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

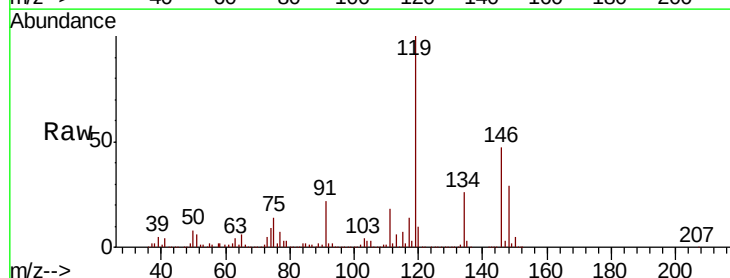
Tgt Ion:119 Resp: 1793542

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 22.4 11.2 33.5



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

13.51

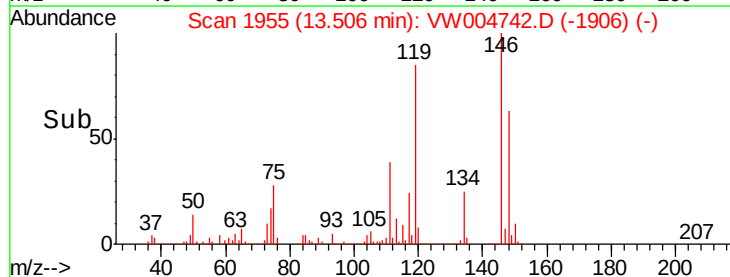
1500000

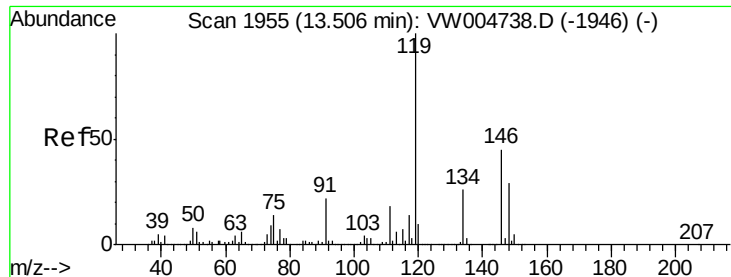
1000000

500000

0

Time--> 13.45 13.50 13.55





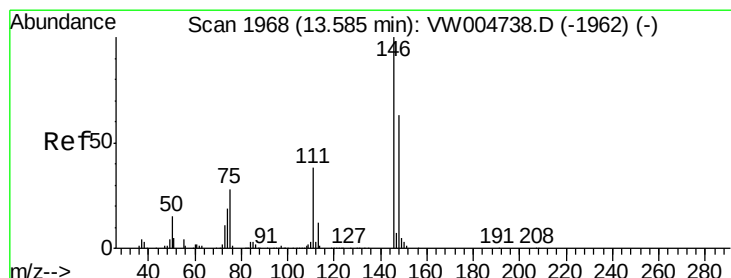
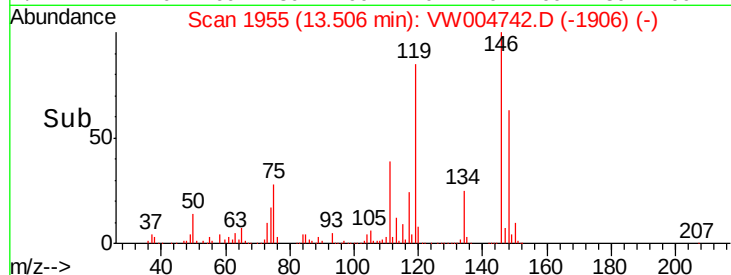
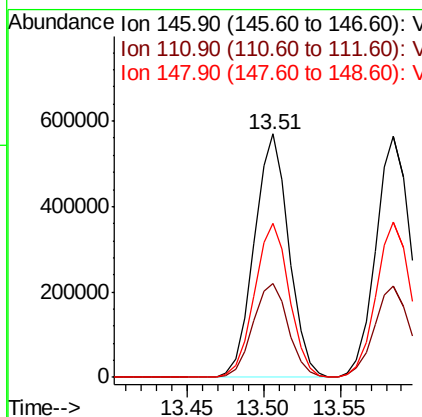
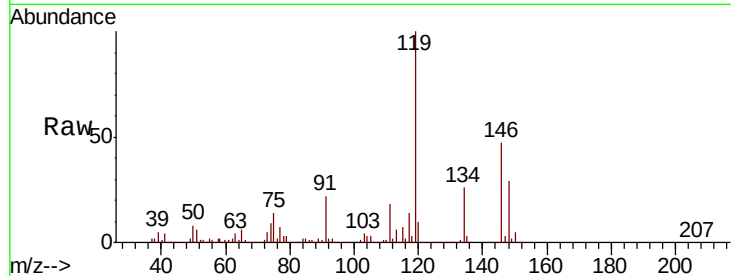
#87
 1,3-Dichlorobenzene
 Concen: 50.14 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ratio	Resp	Lower	Upper
146	100	897342		
111	39.4	19.8	59.4	
148	63.5	31.9	95.9	

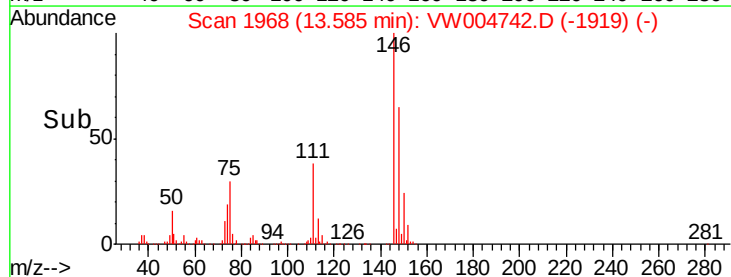
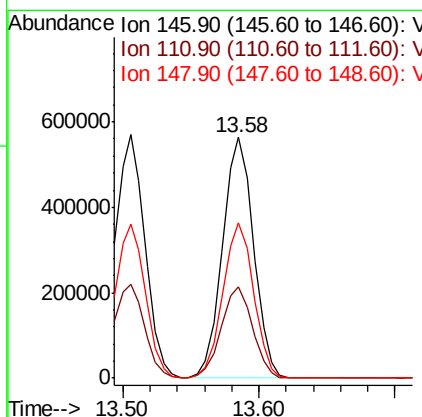
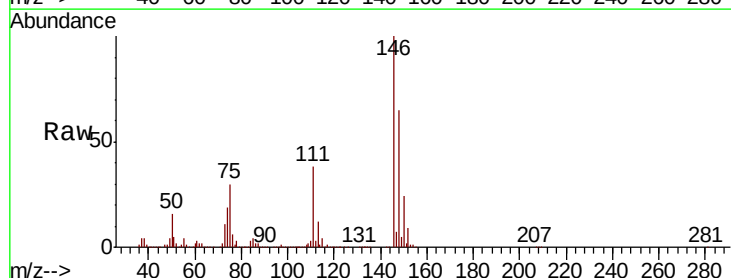
Manual Integrations
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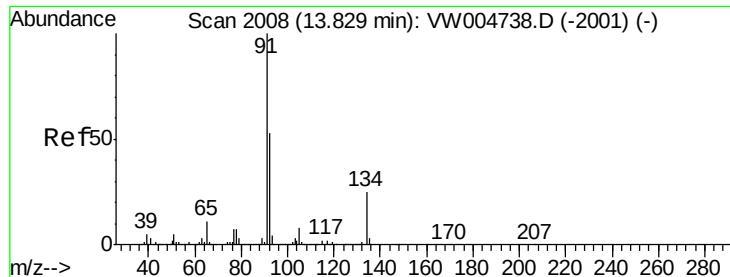
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 49.77 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	890454		
111	38.5	19.3	57.8	
148	64.2	31.8	95.3	





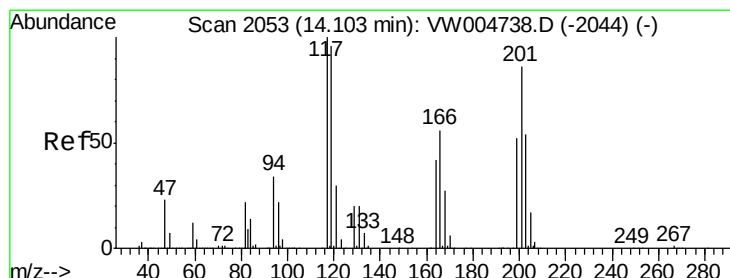
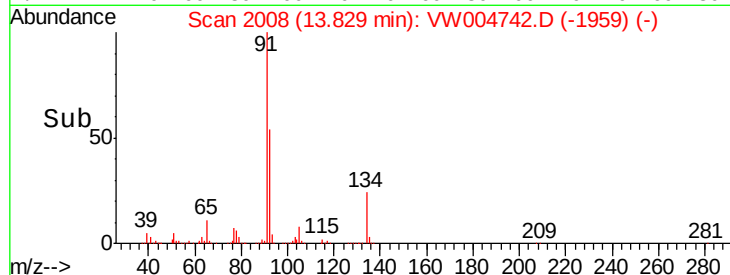
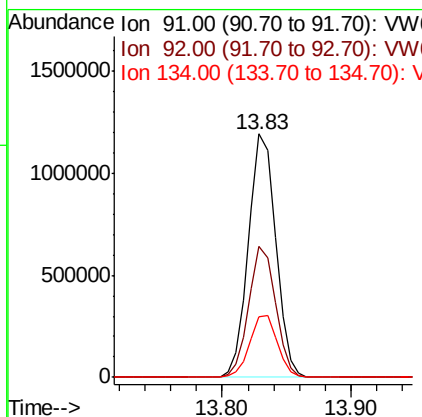
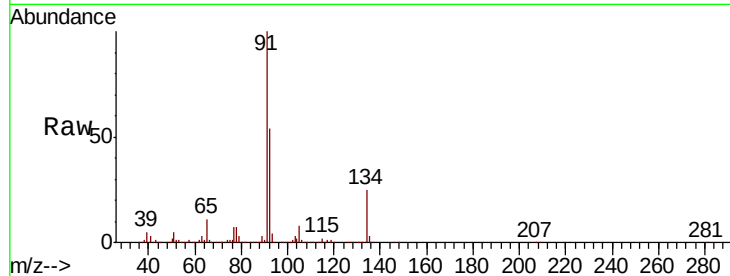
#89
n-Butylbenzene
Concen: 52.44 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	25.5	12.8	38.3

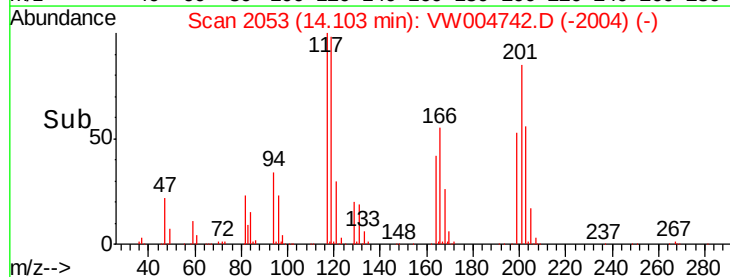
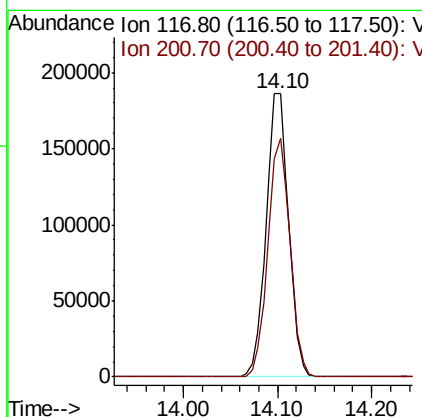
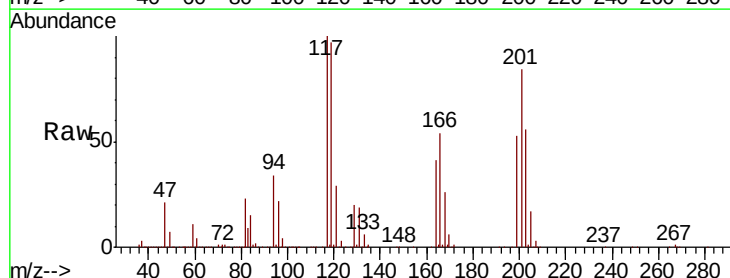
Manual Integrations
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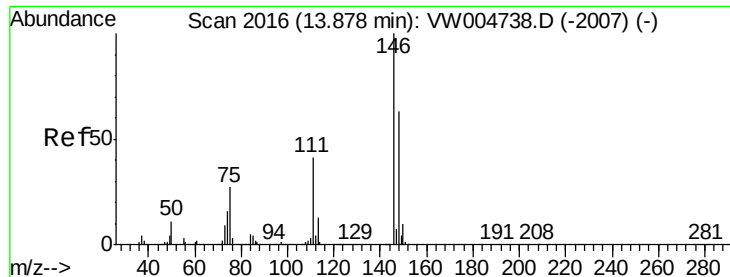
apatel
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#90
Hexachloroethane
Concen: 50.12 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.8	42.4	127.2





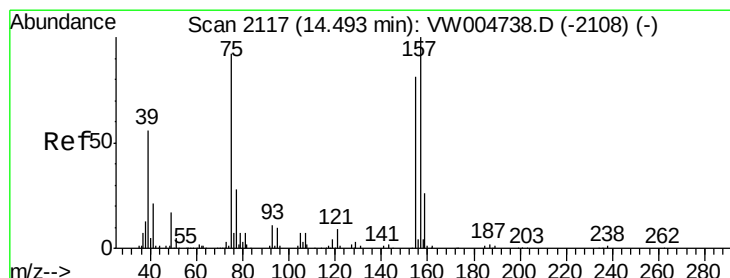
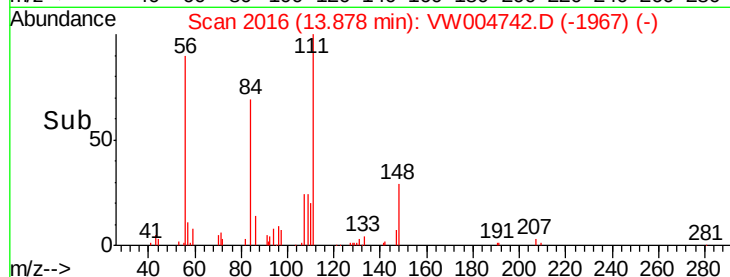
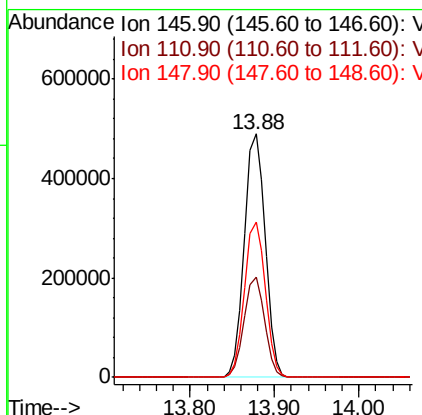
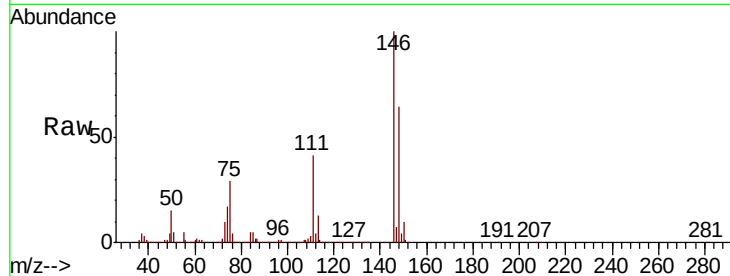
#91
 1,2-Dichlorobenzene
 Concen: 50.31 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ratio	Resp	Lower	Upper
146	100	808797		
111	40.7		20.4	61.3
148	63.8		31.6	95.0

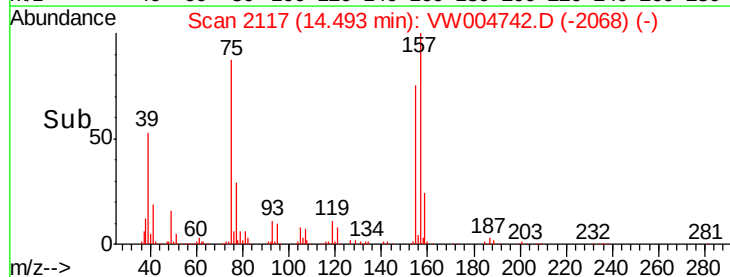
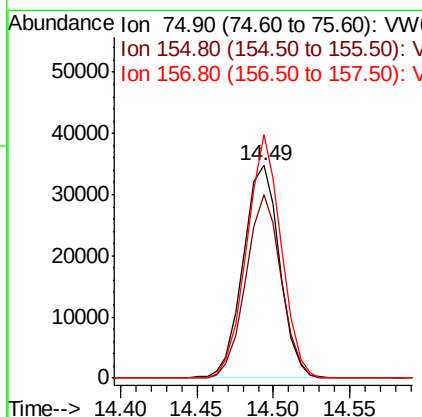
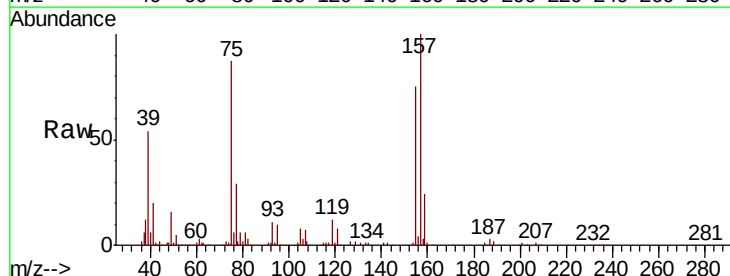
Manual Integrations
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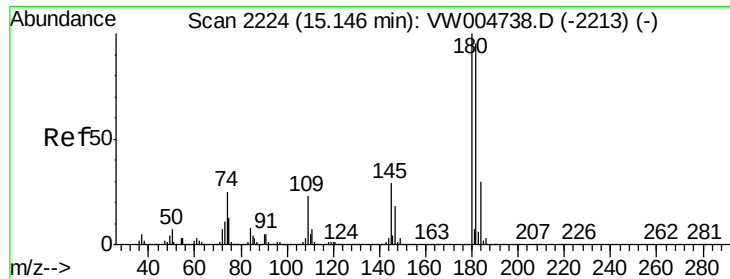
apatel
 8/20/2018 9:54:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.82 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57693		
155	83.1		43.3	129.9
157	108.1		54.5	163.6





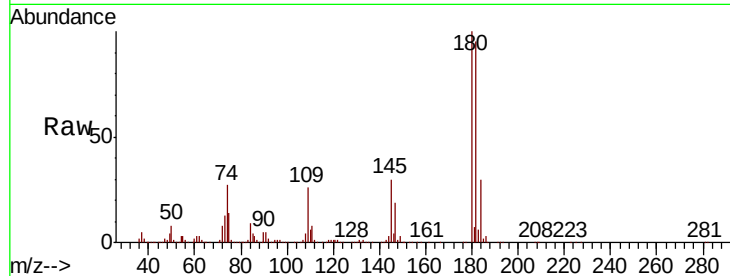
#93
 1,2,4-Trichlorobenzene
 Concen: 53.15 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Tot Ion	Ratio	Resp	Lower	Upper
180	100	604362		
182	94.6	47.3	141.8	
145	29.5	14.6	43.8	

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:54:11 AM

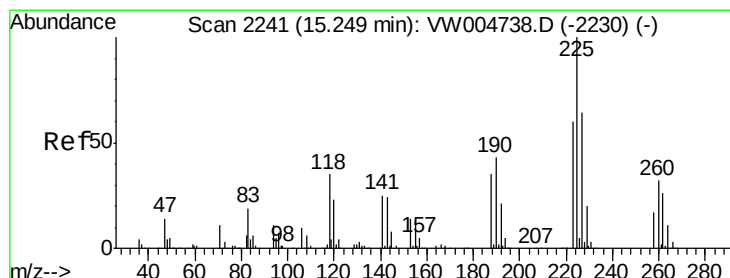
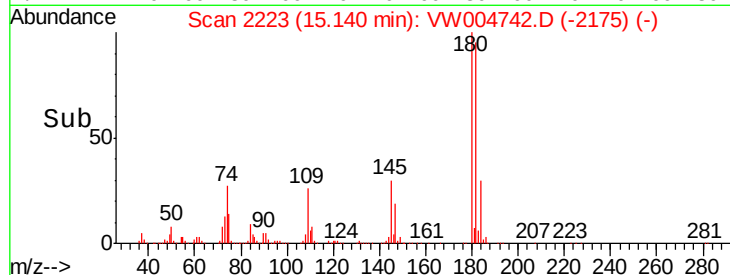
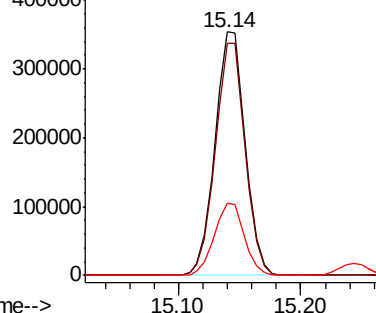


Abundance

Ion 179.80 (179.50 to 180.50): V

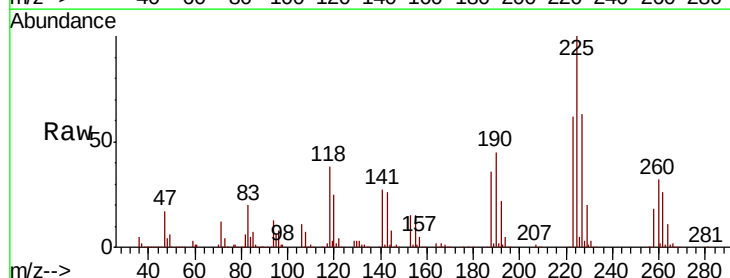
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.34 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	351347		
223	62.5	30.9	92.5	
227	63.4	32.0	96.0	

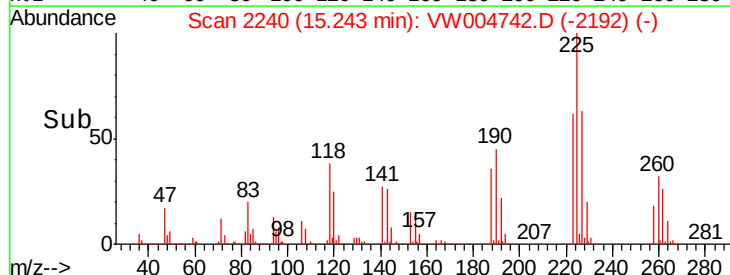
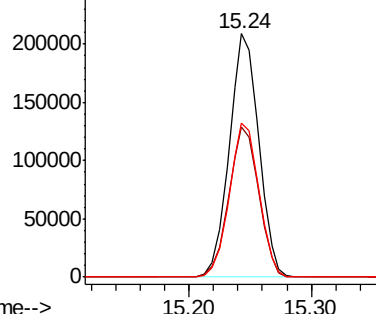


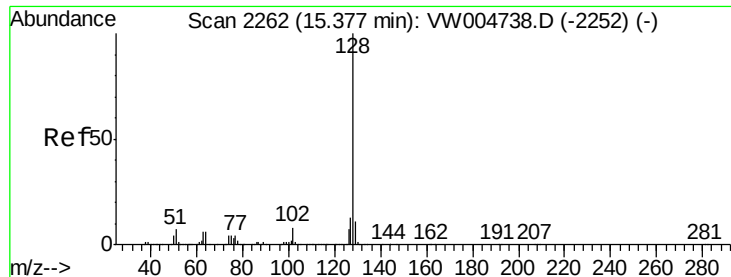
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.03 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

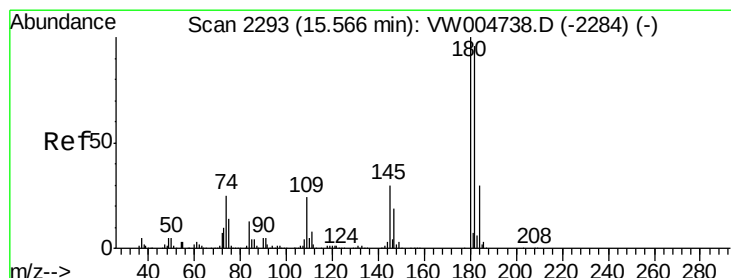
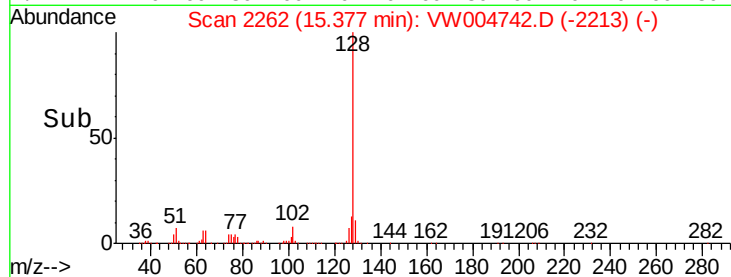
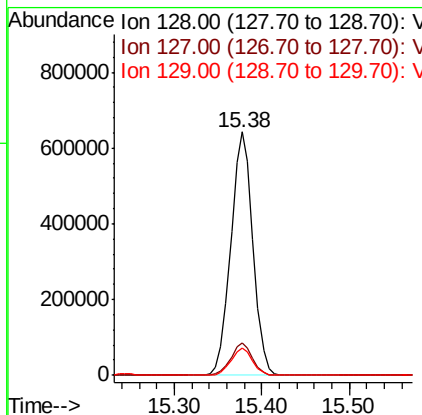
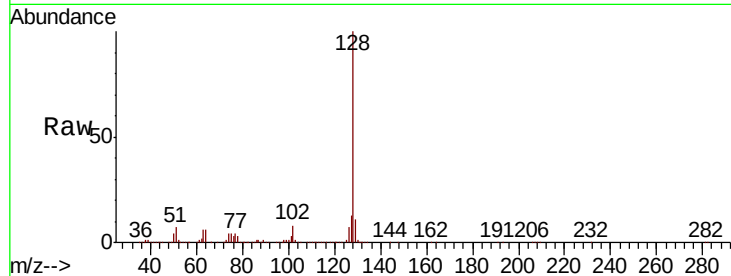
ClientSampleId :

ICVW081918

Tot Ion:	128	Resp:	1125981
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 53.25 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Tgt Ion:	180	Resp:	536902
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	142.0
145	31.4	15.4	46.1

