

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005131.D
 Acq On : 05 Sep 2018 16:12
 Operator : SY/AP
 Sample : VW0905SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Manual Integrations
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Quant Time: Sep 05 16:46:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	583793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	852814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	838459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	453186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	259288	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.89	113	250687	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.33	98	1168751	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	430072	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	113414	24.11	ug/l	99
3) Chloromethane	2.21	50	164063	24.03	ug/l	98
4) Vinyl Chloride	2.36	62	156854	23.63	ug/l	100
5) Bromomethane	2.76	94	83266	17.38	ug/l	99
6) Chloroethane	2.91	64	92746	22.44	ug/l	99
7) Trichlorofluoromethane	3.26	101	174152	23.32	ug/l	99
8) Diethyl Ether	3.69	74	61775	22.86	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119166	23.23	ug/l	97
10) Methyl Iodide	4.27	142	122220	18.54	ug/l	100
11) Tert butyl alcohol	5.20	59	45326	166.93	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	110088	23.32	ug/l	95
13) Acrolein	3.90	56	38882	123.78	ug/l	100
14) Allyl chloride	4.67	41	175167	23.74	ug/l	98
15) Acrylonitrile	5.38	53	138346	121.39	ug/l	99
16) Acetone	4.14	43	119436	123.06	ug/l	97
17) Carbon Disulfide	4.38	76	380167	23.11	ug/l	100
18) Methyl Acetate	4.68	43	62044	21.73	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	277958	24.25	ug/l	98
20) Methylene Chloride	4.92	84	168835	23.70	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	125141	21.76	ug/l	97
22) Diisopropyl ether	6.32	45	368840	23.75	ug/l	98
23) Vinyl Acetate	6.26	43	1060187	129.98	ug/l	99
24) 1,1-Dichloroethane	6.22	63	219619	22.63	ug/l	99
25) 2-Butanone	7.18	43	212755	126.39	ug/l	97
26) 2,2-Dichloropropane	7.17	77	187894	23.56	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	137026	21.78	ug/l	96
28) Bromochloromethane	7.52	49	86583	22.16	ug/l	93
29) Tetrahydrofuran	7.54	42	106059	123.31	ug/l	98
30) Chloroform	7.68	83	212851	21.49	ug/l	96
31) Cyclohexane	7.96	56	236881	24.92	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	189568	21.97	ug/l	99
36) 1,1-Dichloropropene	8.09	75	189245	23.30	ug/l	98
37) Ethyl Acetate	7.26	43	77067	25.37	ug/l	99
38) Carbon Tetrachloride	8.07	117	167915	21.74	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	228078	23.22	ug/l	96
40) Benzene	8.33	78	537335	21.61	ug/l	99
41) Methacrylonitrile	7.49	41	44709	25.40	ug/l	99
42) 1,2-Dichloroethane	8.41	62	135618	22.29	ug/l	98
43) Isopropyl Acetate	8.43	43	138920	25.13	ug/l	97
44) Trichloroethene	9.10	130	143187	21.34	ug/l	97
45) 1,2-Dichloropropane	9.37	63	135733	22.35	ug/l	97
46) Dibromomethane	9.46	93	63514	21.87	ug/l	95
47) Bromodichloromethane	9.65	83	159389	21.79	ug/l	99
48) Methyl methacrylate	9.44	41	65290	24.53	ug/l	94
49) 1,4-Dioxane	9.48	88	21021	447.53	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	461129	124.48	ug/l	99
52) Toluene	10.39	92	359931	21.36	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	165314	23.00	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	200939	22.99	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	98114	21.82	ug/l	98
56) Ethyl methacrylate	10.65	69	120034	23.40	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167081	22.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	295052	121.36	ug/l	97
59) 2-Hexanone	10.98	43	323249	129.02	ug/l	98
60) Dibromochloromethane	11.13	129	108665	21.37	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89341	22.00	ug/l	99
64) Tetrachloroethene	10.87	164	126786	19.27	ug/l	97
65) Chlorobenzene	11.66	112	393685	20.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	119016	20.63	ug/l	98
67) Ethyl Benzene	11.74	91	696169	21.82	ug/l	99
68) m/p-Xylenes	11.85	106	565123	44.23	ug/l	100
69) o-Xylene	12.17	106	258934	21.92	ug/l	99
70) Styrene	12.19	104	427833	21.93	ug/l	99
71) Bromoform	12.35	173	63892	20.90	ug/l #	98
73) Isopropylbenzene	12.47	105	696746	21.80	ug/l	100
74) N-amyl acetate	12.28	43	138765	25.22	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110753	22.77	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	78078m	22.95	ug/l	
77) Bromobenzene	12.76	156	163401	20.75	ug/l	95
78) n-propylbenzene	12.81	91	873728	22.65	ug/l	99
79) 2-Chlorotoluene	12.90	91	492246	21.87	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	608197	22.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33270	23.54	ug/l	99
82) 4-Chlorotoluene	12.99	91	526056	22.14	ug/l	98
83) tert-Butylbenzene	13.21	119	506680	21.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	620863	22.06	ug/l	99
85) sec-Butylbenzene	13.39	105	757560	22.34	ug/l	99
86) p-Isopropyltoluene	13.51	119	672517	22.40	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	339077	20.97	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	334284	20.84	ug/l	98
89) n-Butylbenzene	13.84	91	638402	22.95	ug/l	99
90) Hexachloroethane	14.10	117	102176	20.49	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	299300	21.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17369	22.85	ug/l	96

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MSVOA_W
ClientSampleId :
VW0905SBSD01

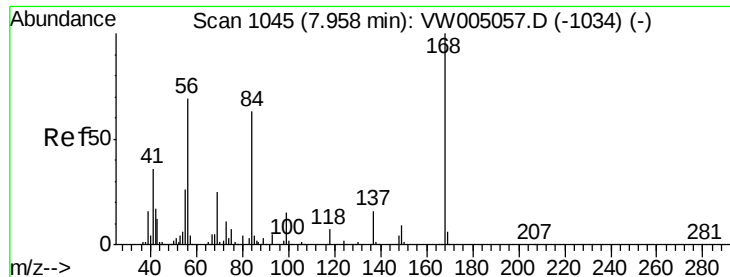
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	211793	22.41	ug/l	99
94) Hexachlorobutadiene	15.25	225	126909	21.59	ug/l	99
95) Naphthalene	15.38	128	351793	23.80	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	183766	22.72	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

Tot Ion:168 Resp: 583793

Ion Ratio Lower Upper

168 100

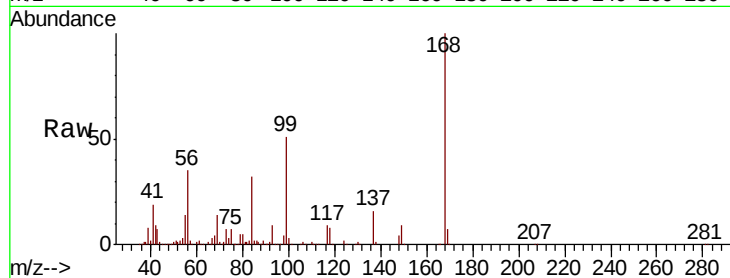
99 51.4 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

300000

250000

200000

150000

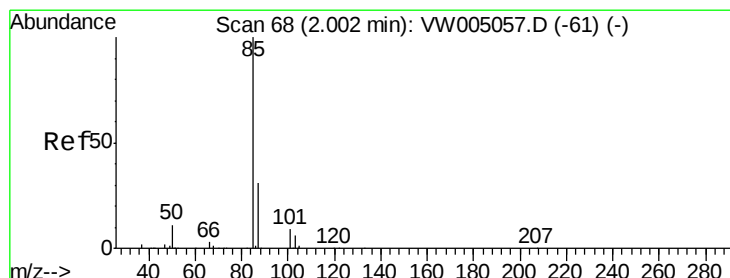
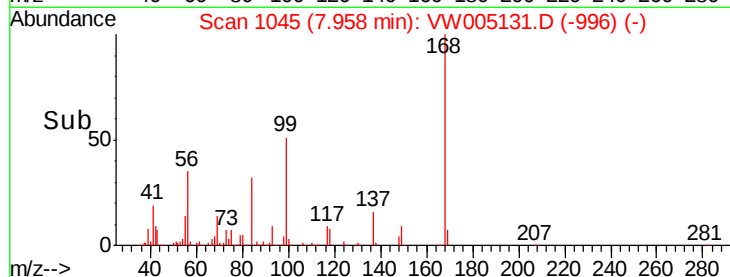
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.11 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005131.D

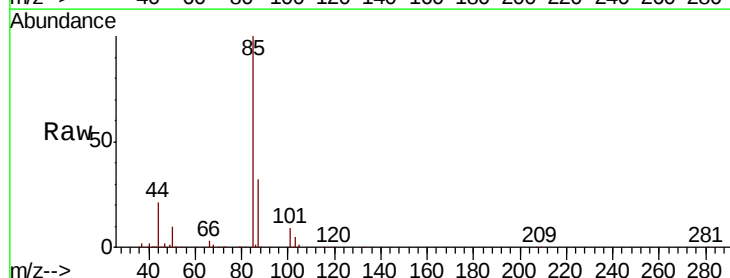
Acq: 05 Sep 2018 16:12

Tgt Ion: 85 Resp: 113414

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

80000

60000

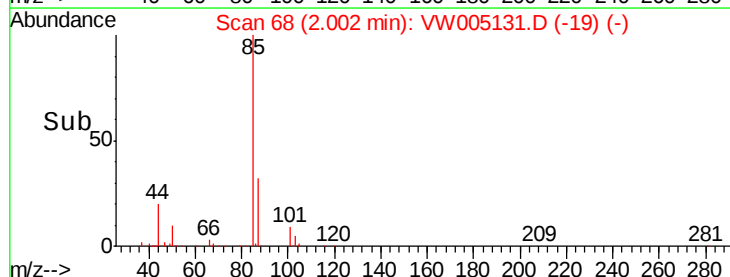
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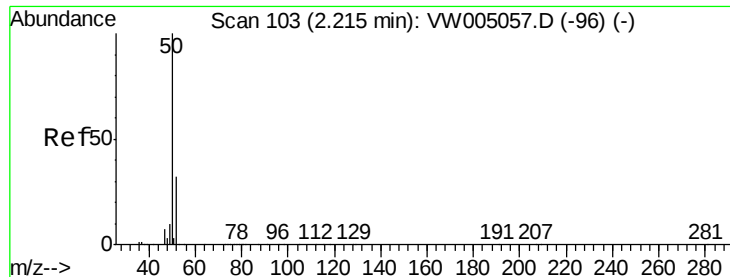
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 24.03 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

Tot Ion: 50 Resp: 164063

Ion Ratio Lower Upper

50 100

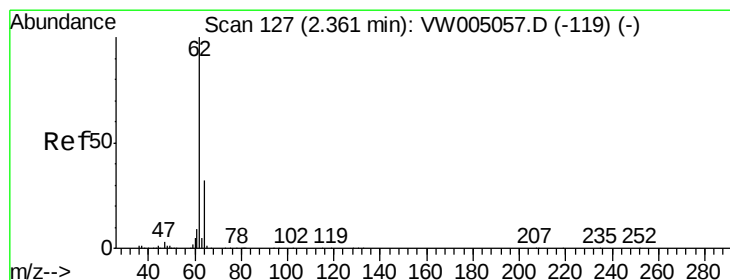
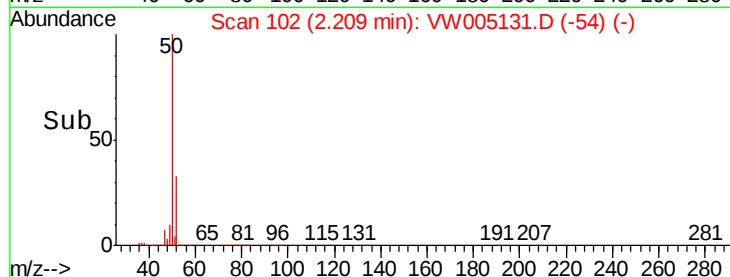
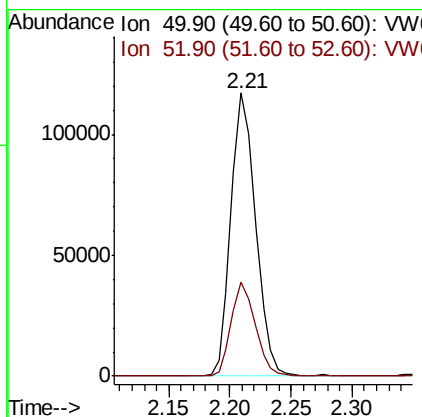
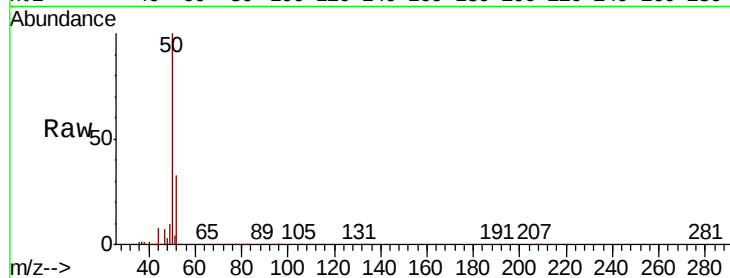
52 33.2 25.8 38.6

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#4

Vinyl Chloride

Concen: 23.63 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005131.D

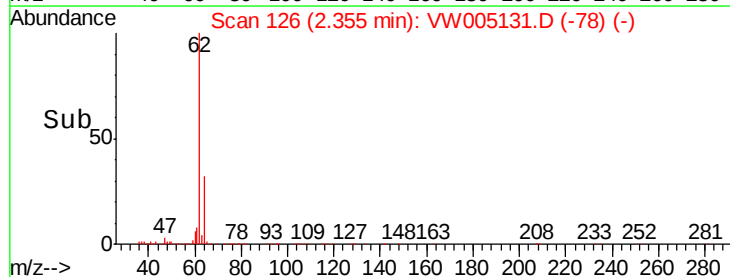
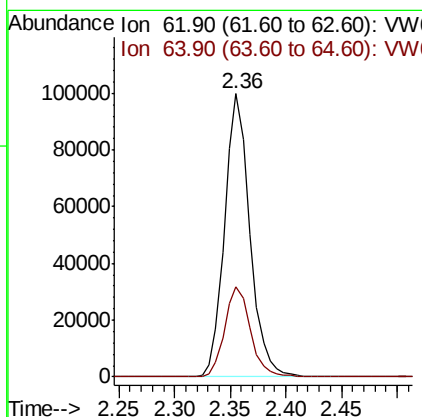
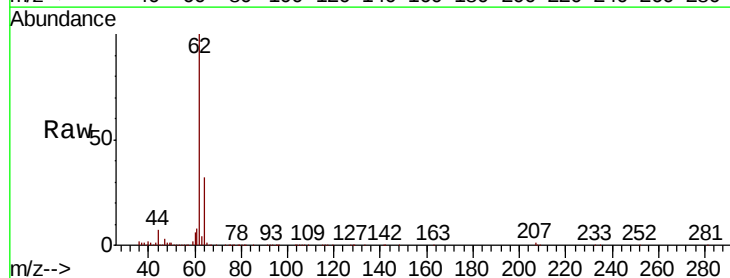
Acq: 05 Sep 2018 16:12

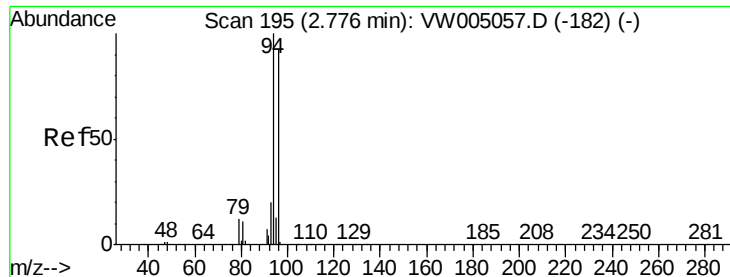
Tgt Ion: 62 Resp: 156854

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 17.38 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS01

Tot Ion: 94 Resp: 83266

Ion Ratio Lower Upper

94 100

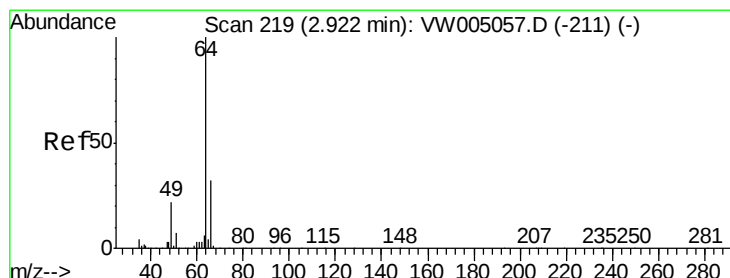
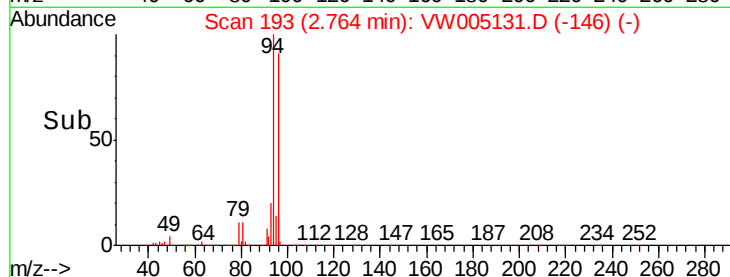
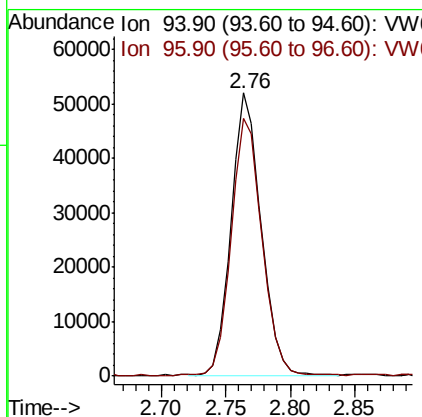
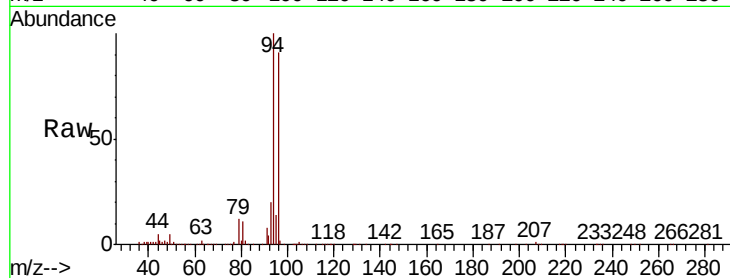
96 90.8 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 22.44 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW005131.D

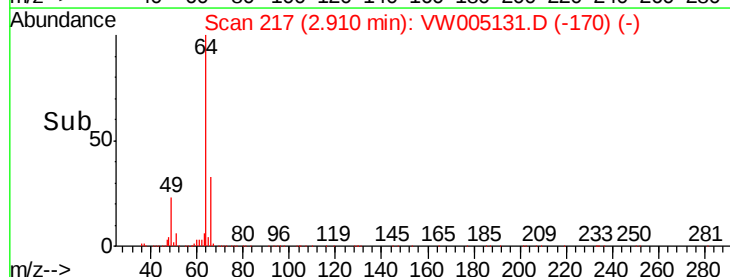
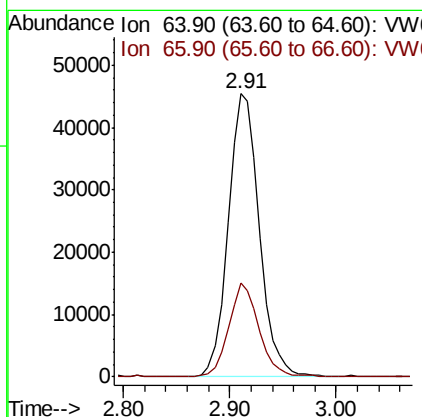
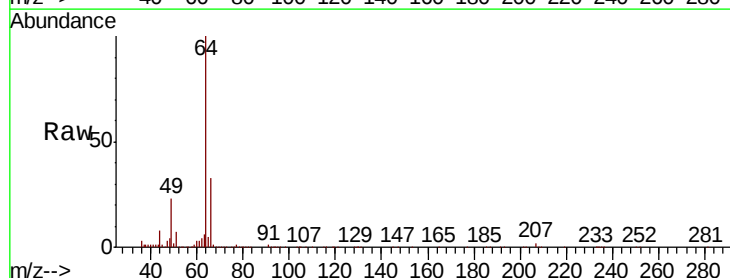
Acq: 05 Sep 2018 16:12

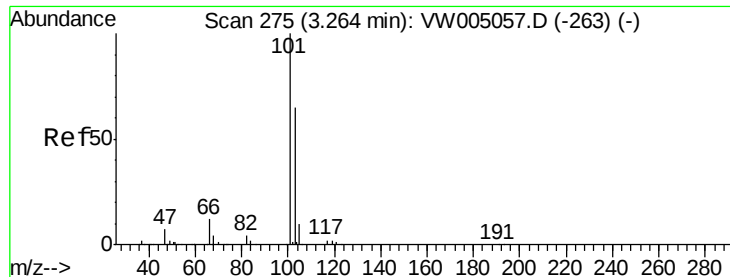
Tgt Ion: 64 Resp: 92746

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5





#7

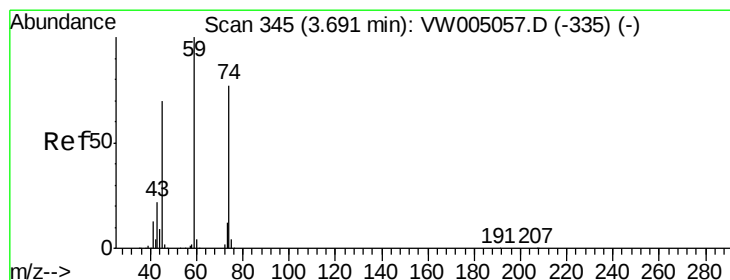
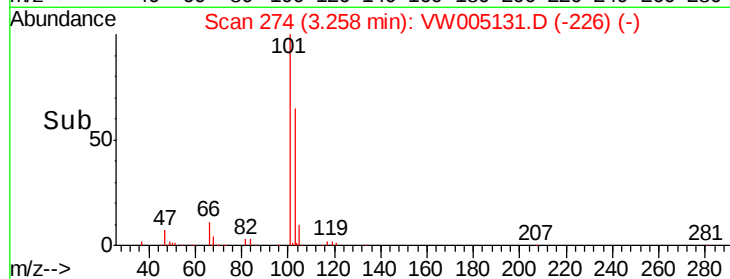
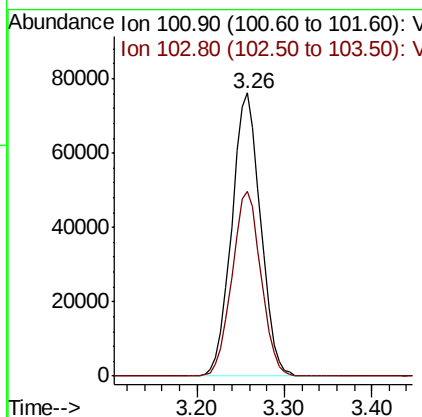
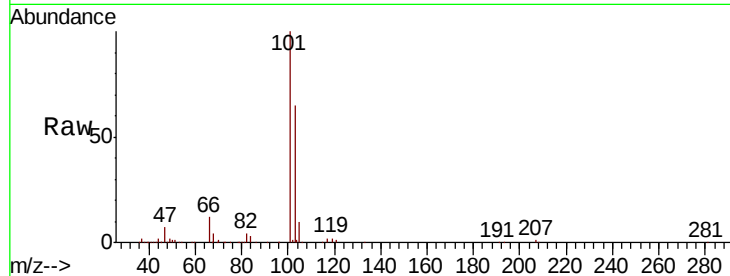
Trichlorofluoromethane
 Concen: 23.32 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

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 VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.9	77.9

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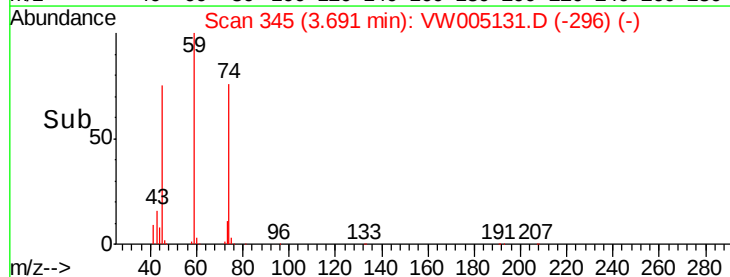
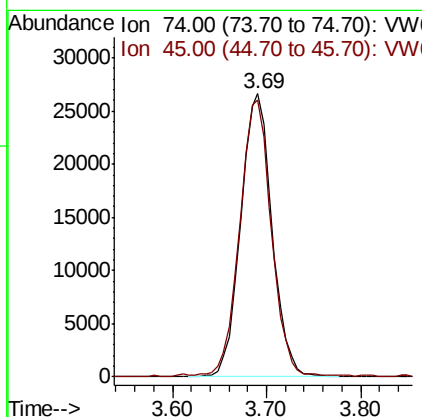
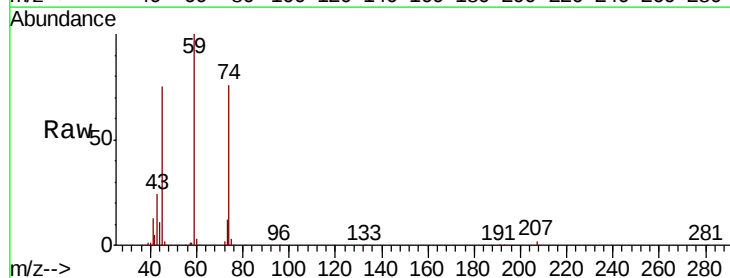
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 9/6/2018 12:02:37 PM

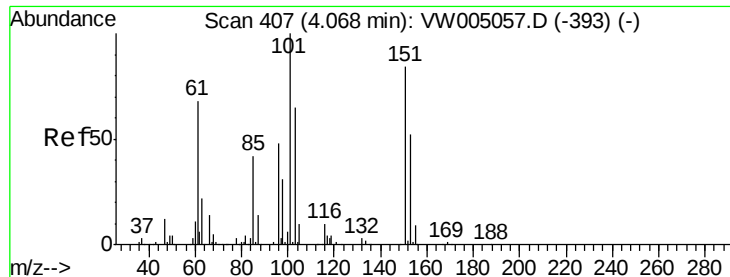


#8

Diethyl Ether
 Concen: 22.86 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.23 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

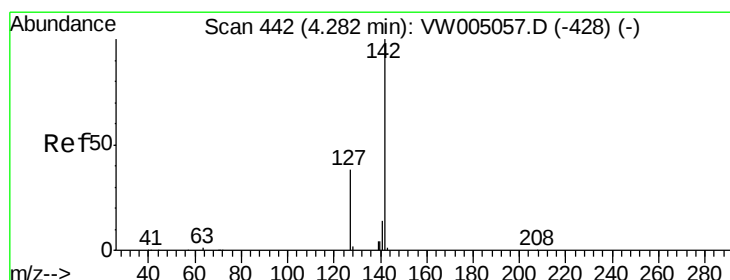
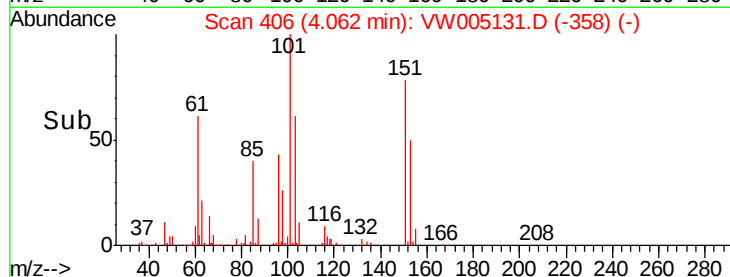
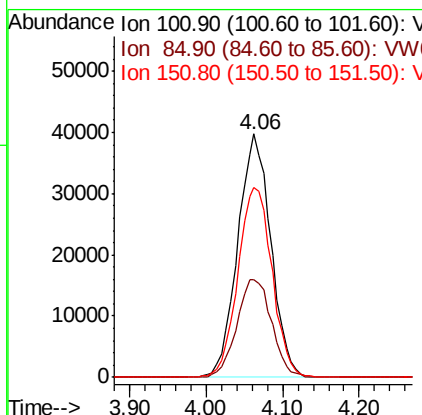
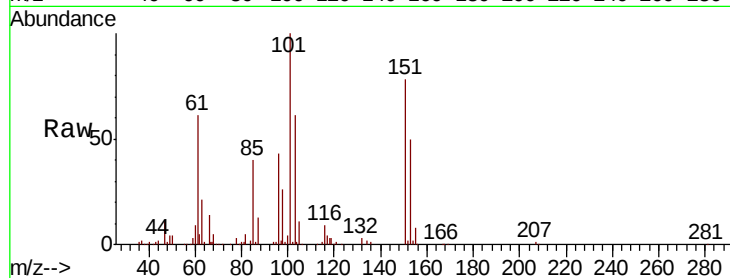
ClientSampled :

VW0905SBS01

Tot Ion:	101	Resp:	119166
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.0	49.6
151	80.5	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.54 ug/l

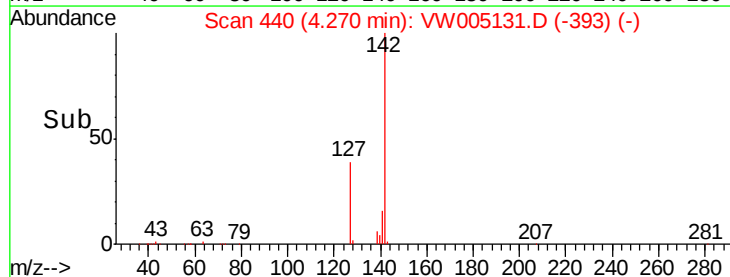
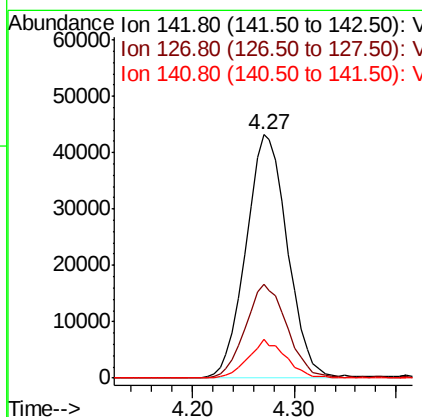
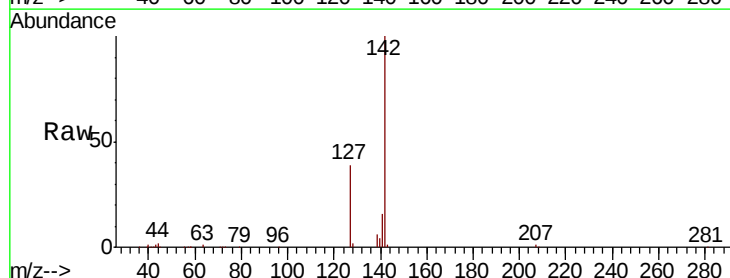
RT: 4.27 min Scan# 440

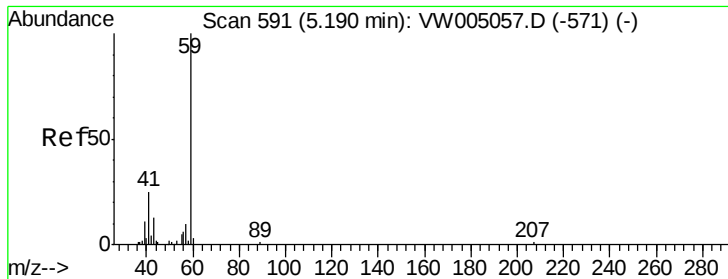
Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion:	142	Resp:	122220
Ion Ratio	Lower	Upper	
142	100		
127	38.6	30.8	46.2
141	14.4	11.6	17.4





#11

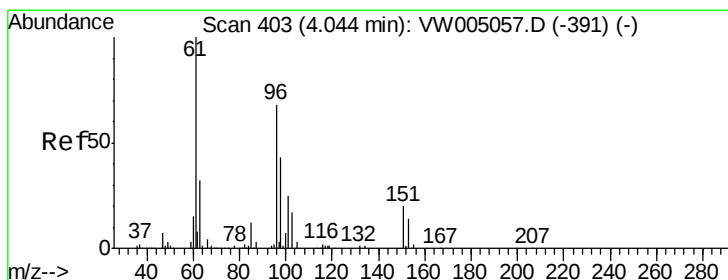
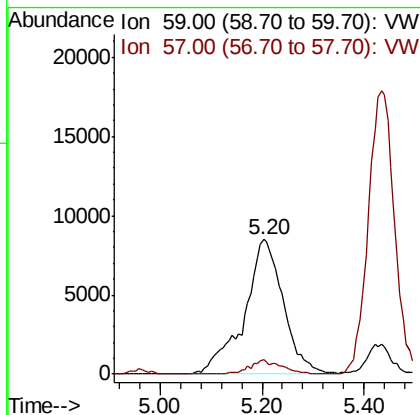
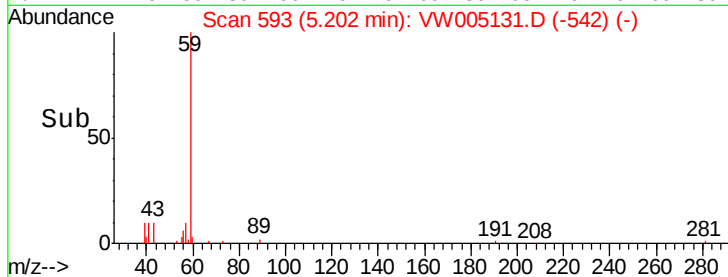
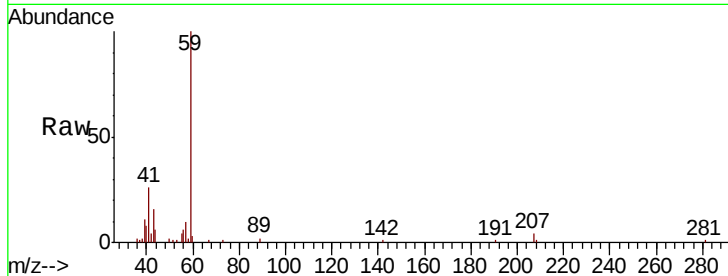
Tert butyl alcohol
Concen: 166.93 ug/l
RT: 5.20 min Scan# 593
Delta R.T. 0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	45326		
57	57	8.3		8.6	12.8#

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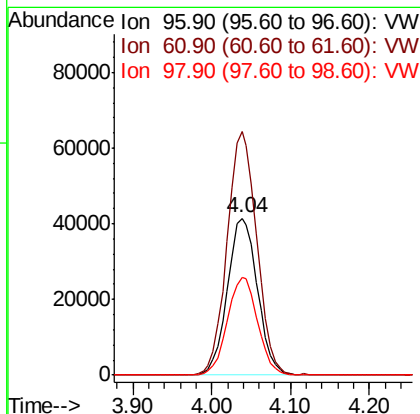
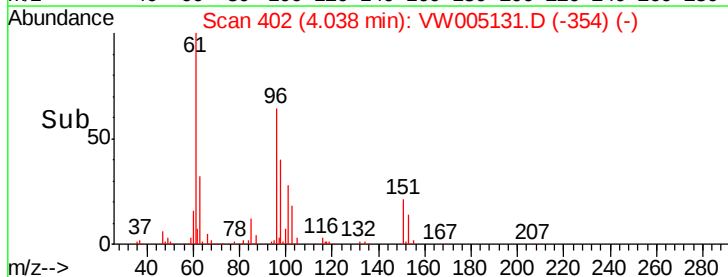
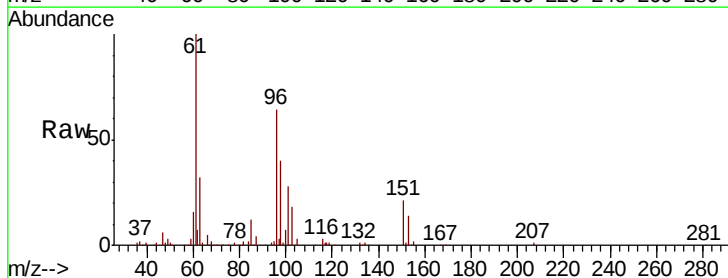
apatel
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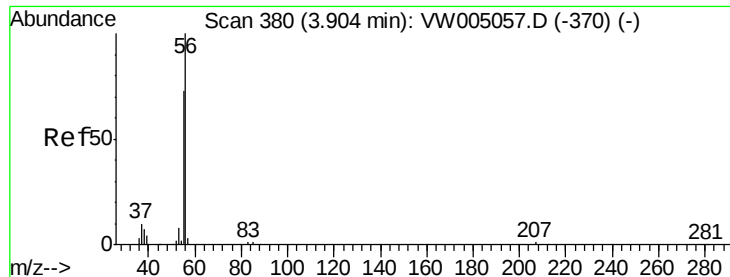


#12

1,1-Dichloroethene
Concen: 23.32 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	110088		
61	61	155.3		117.4	176.0
98	98	62.3		51.0	76.4





#13

Acrolein

Concen: 123.78 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

Tot Ion: 56 Resp: 38882

Ion Ratio Lower Upper

56 100

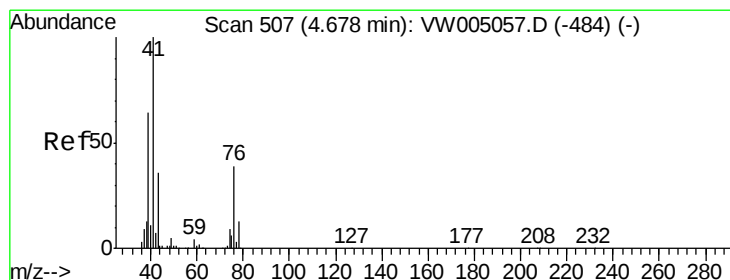
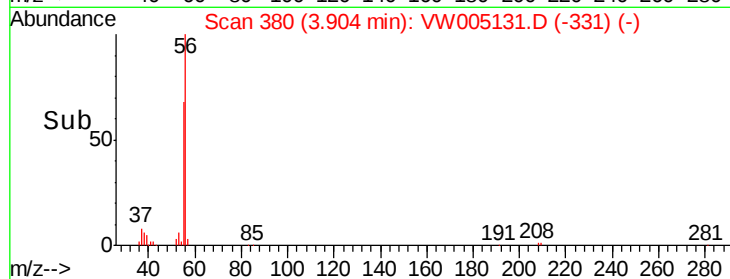
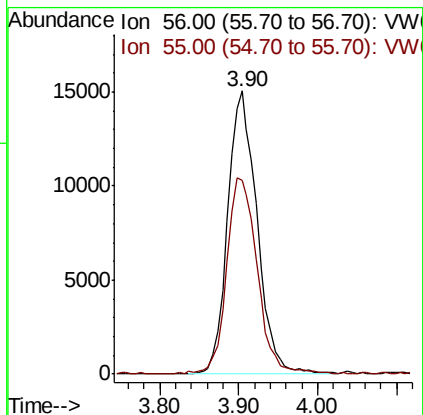
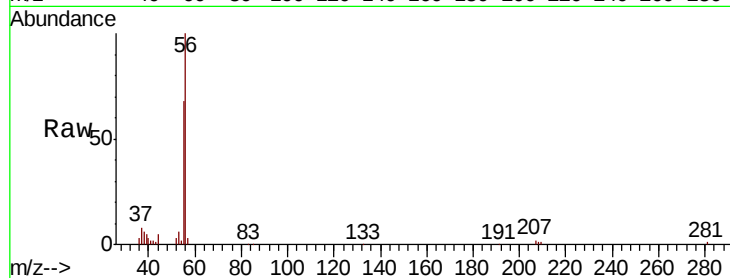
55 72.7 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 23.74 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

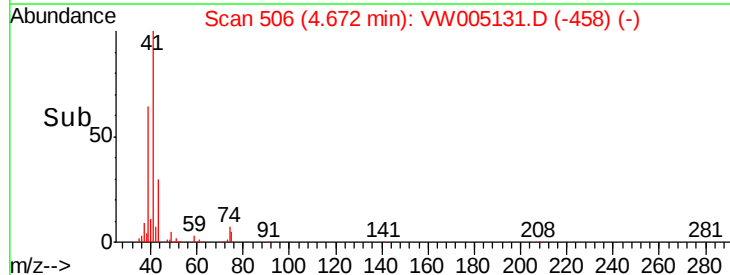
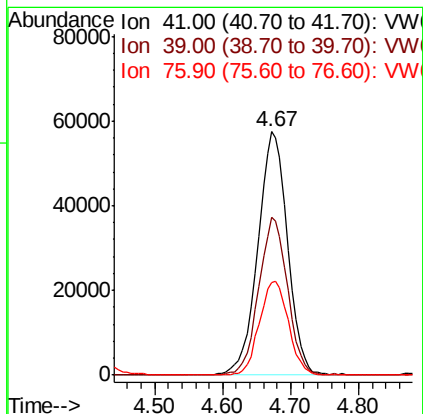
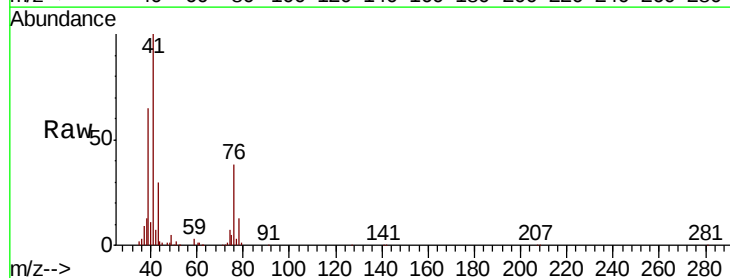
Tgt Ion: 41 Resp: 175167

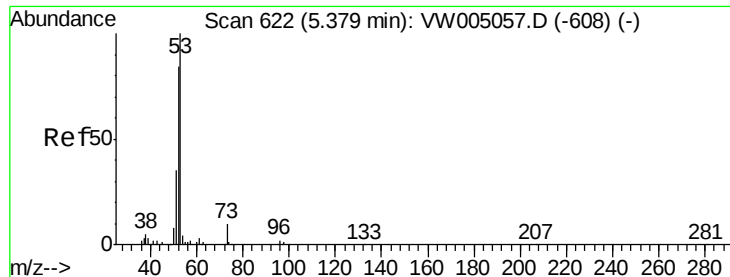
Ion Ratio Lower Upper

41 100

39 63.1 49.4 74.2

76 37.7 31.8 47.6





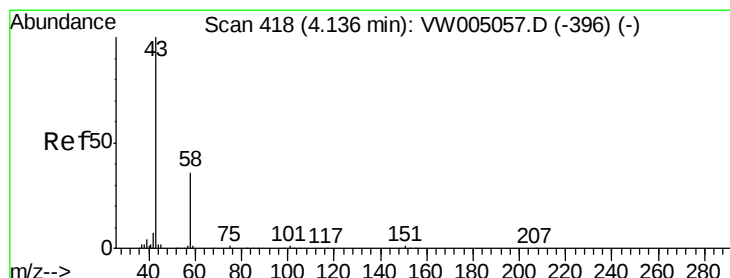
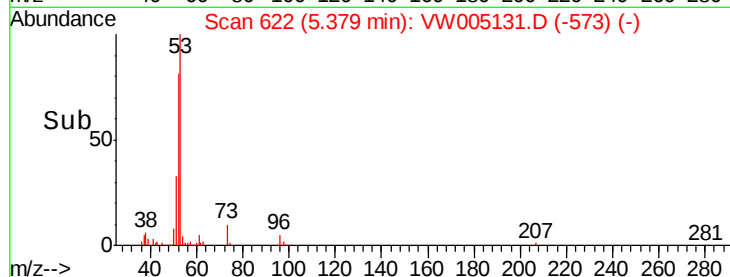
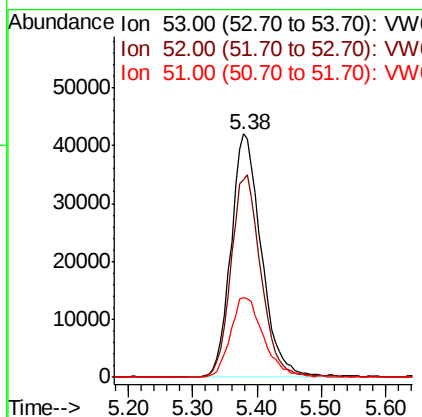
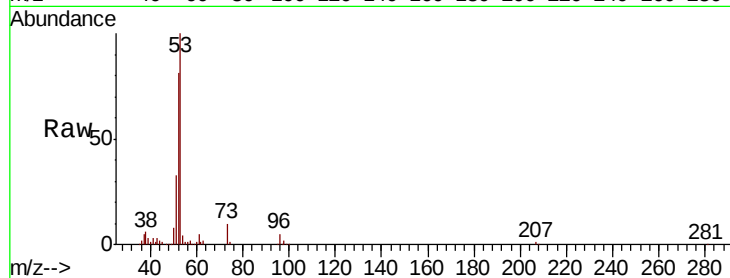
#15
 Acrylonitrile
 Concen: 121.39 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Tot Ion:	53	Resp:	138346
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.7	98.5
51	35.5	28.8	43.2

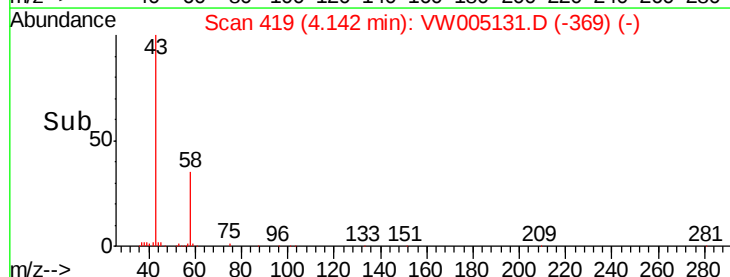
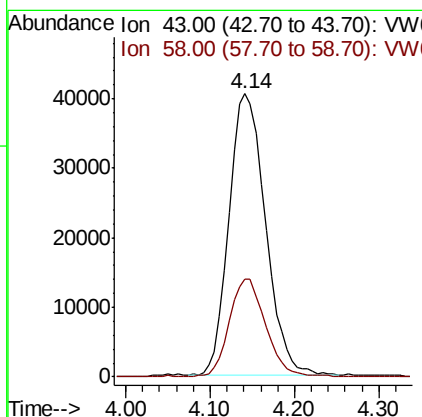
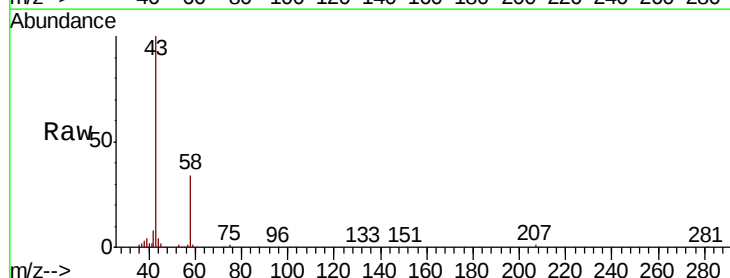
Manual Integrations
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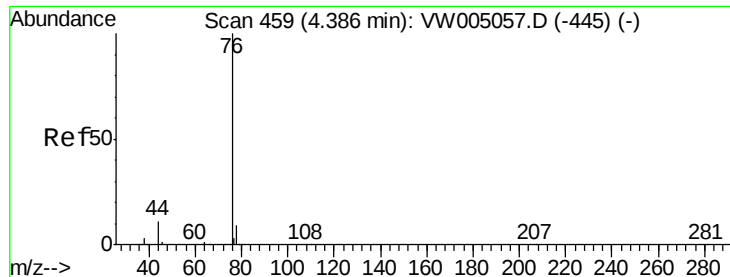
apatel
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#16
 Acetone
 Concen: 123.06 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion:	43	Resp:	119436
Ion	Ratio	Lower	Upper
43	100		
58	34.4	29.0	43.6





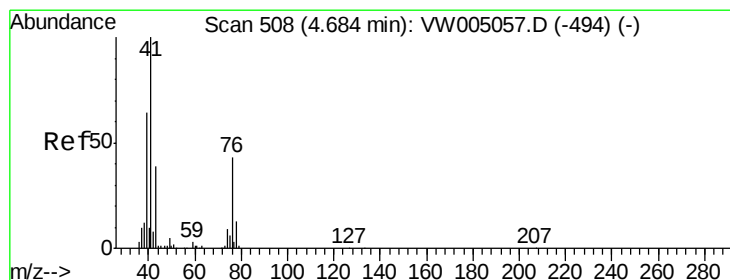
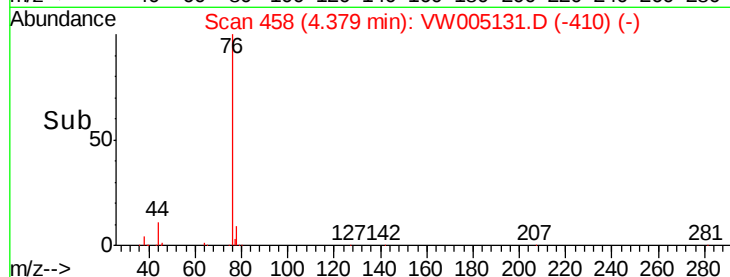
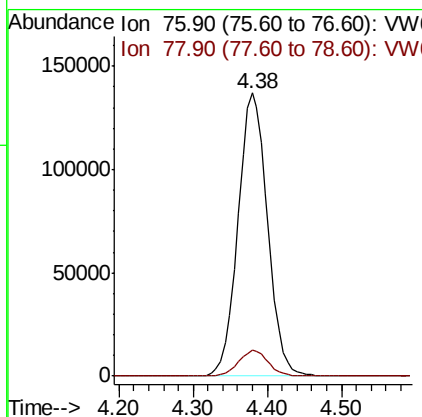
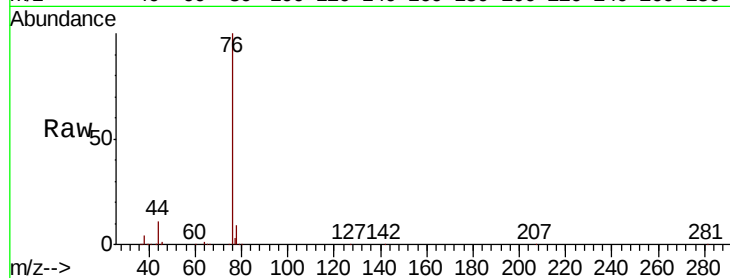
#17
Carbon Disulfide
Concen: 23.11 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

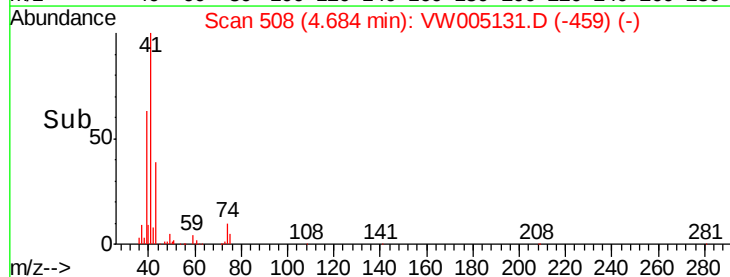
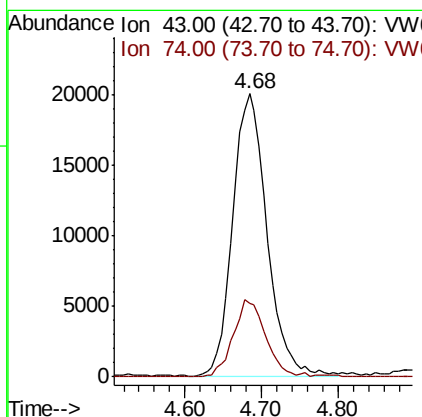
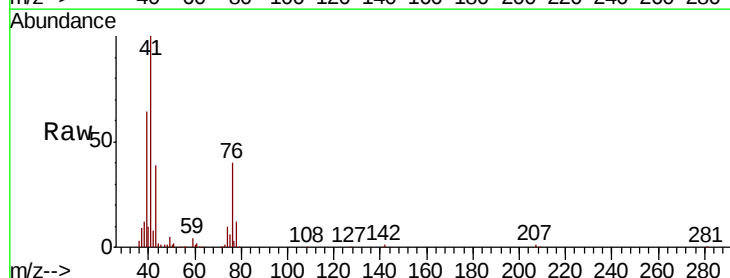
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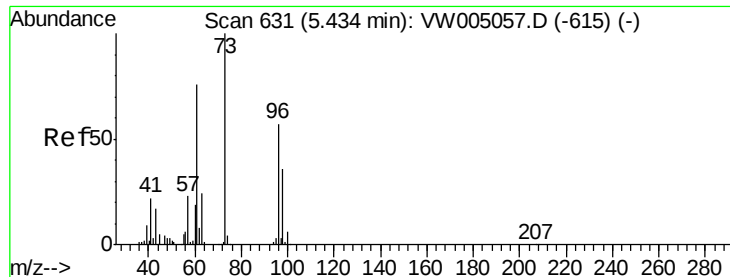
apatel
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#18
Methyl Acetate
Concen: 21.73 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	20.7	31.1





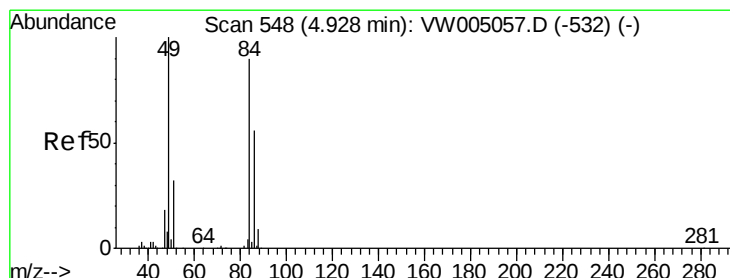
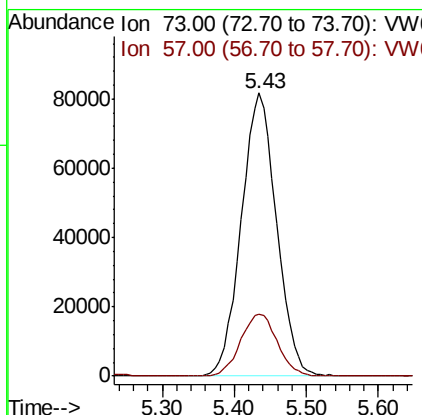
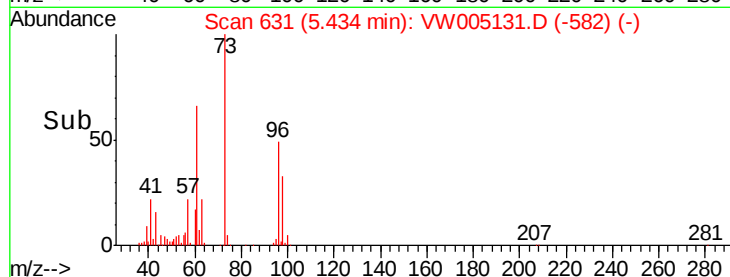
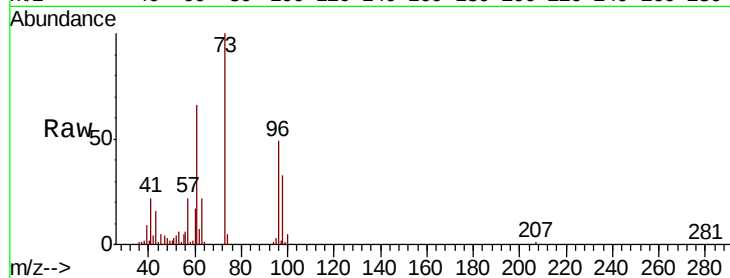
#19
Methvl tert-butvl Ether
Concen: 24.25 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.1	27.1

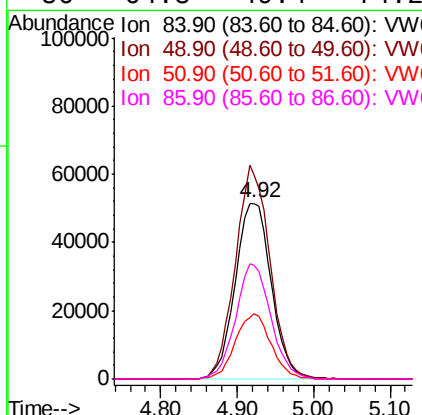
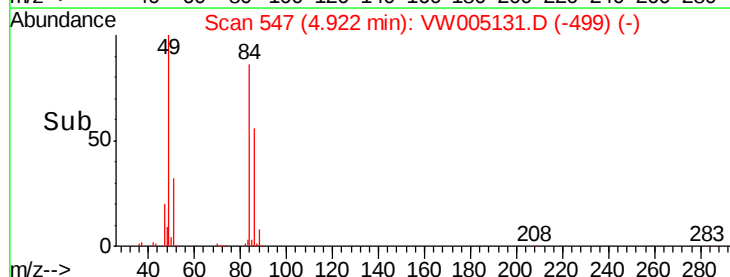
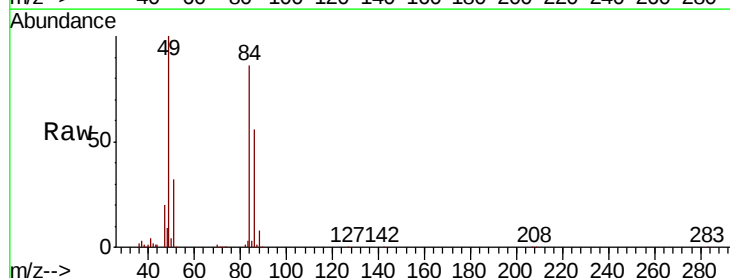
Manual Integrations
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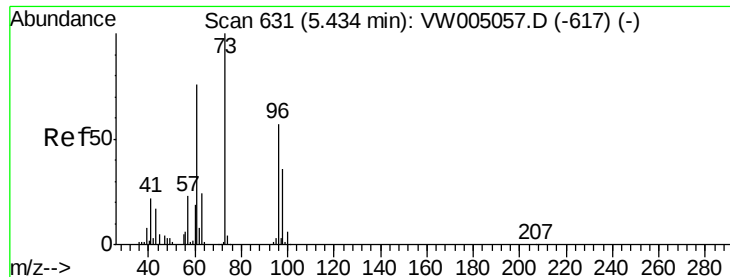
apatel
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#20
Methylene Chloride
Concen: 23.70 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	88.7	133.1
51	37.4	28.6	42.8
86	64.8	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 21.76 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

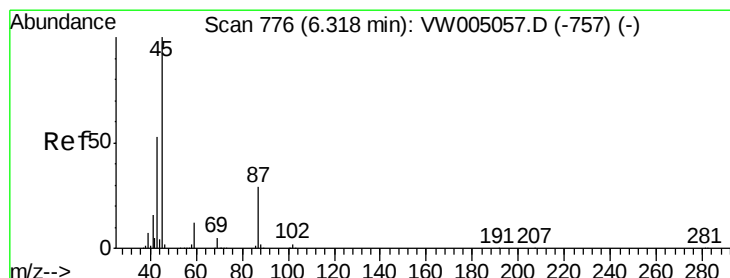
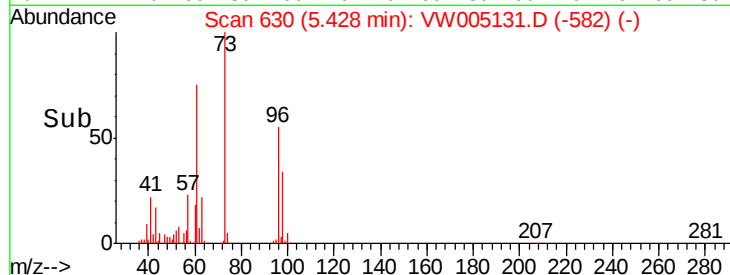
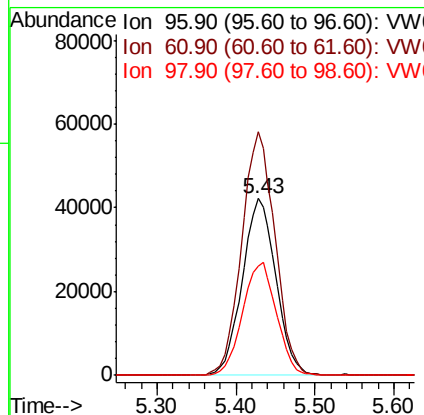
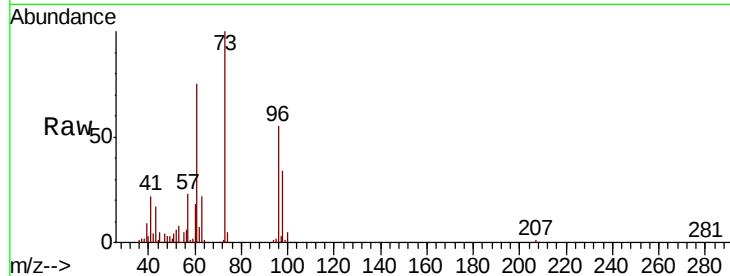
ClientSampleId :

VW0905SBS01

Tot Ion:	96	Resp:	125141
Ion Ratio	Lower	Upper	
96	100		
61	137.6	106.3	159.5
98	62.1	50.9	76.3

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#22

Diisopropyl ether

Concen: 23.75 ug/l

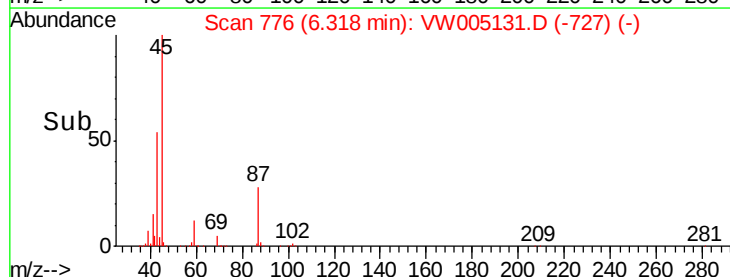
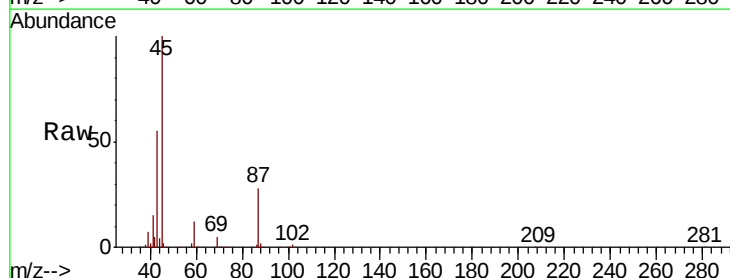
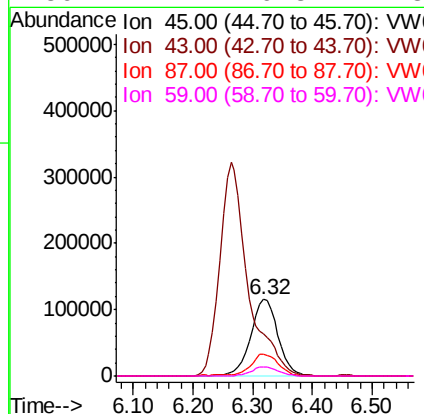
RT: 6.32 min Scan# 776

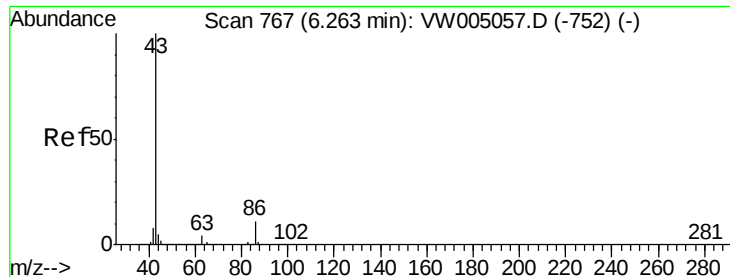
Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion:	45	Resp:	368840
Ion Ratio	Lower	Upper	
45	100		
43	54.5	42.6	63.8
87	28.2	23.6	35.4
59	12.1	9.8	14.8





#23

Vinyl Acetate

Concen: 129.98 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

Tot Ion: 43 Resp: 1060187

Ion Ratio Lower Upper

43 100

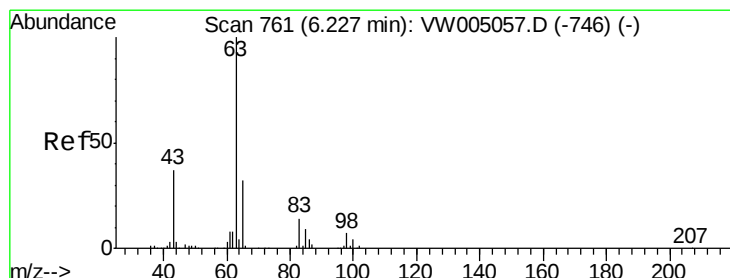
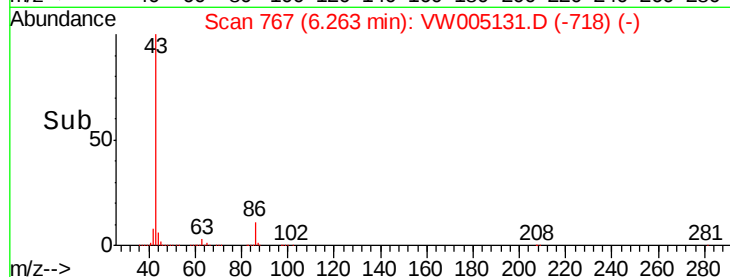
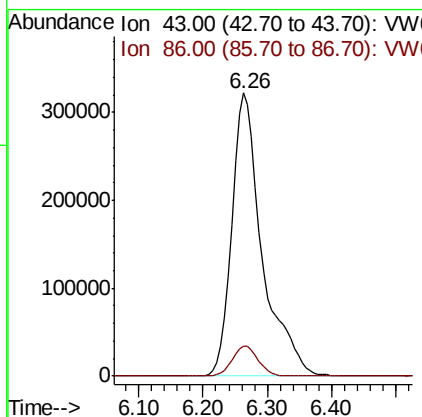
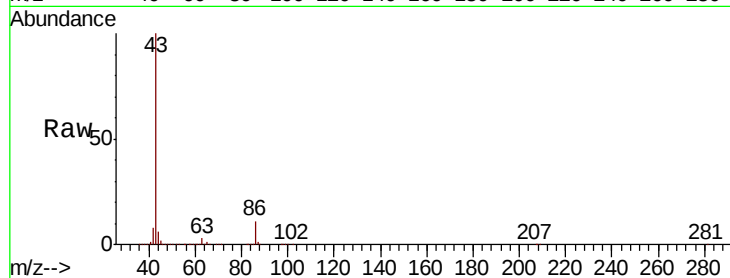
86 10.7 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.63 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

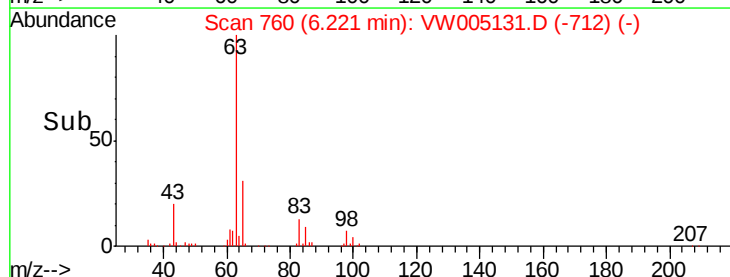
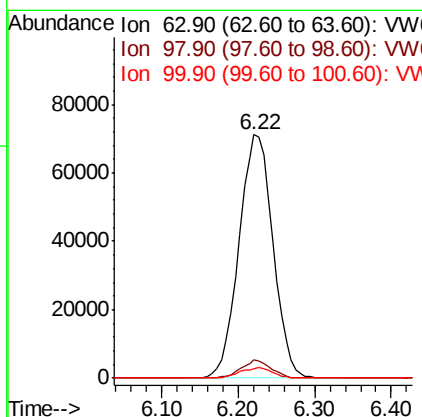
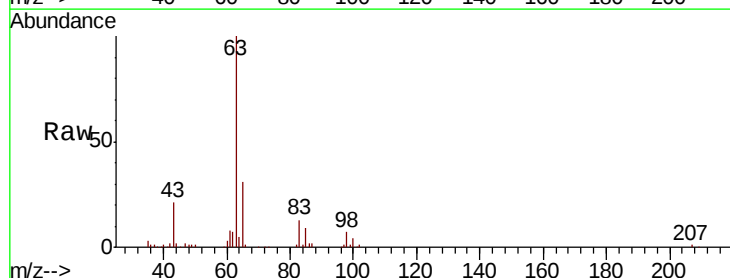
Tgt Ion: 63 Resp: 219619

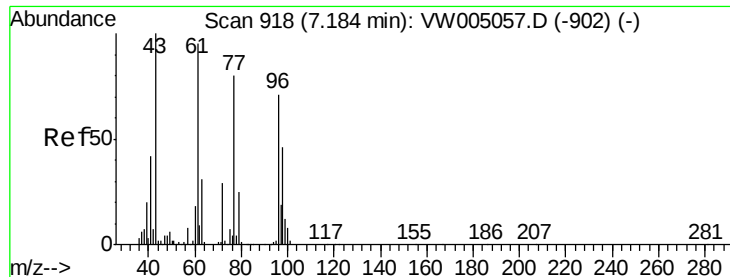
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.0 2.2 6.6





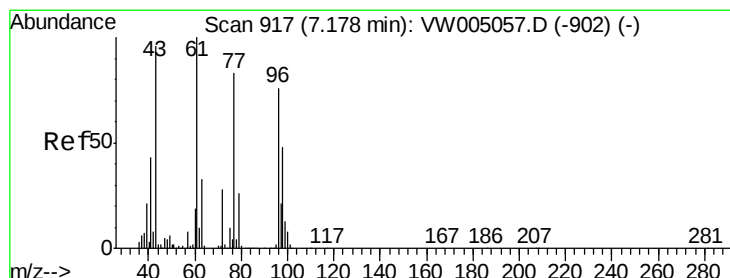
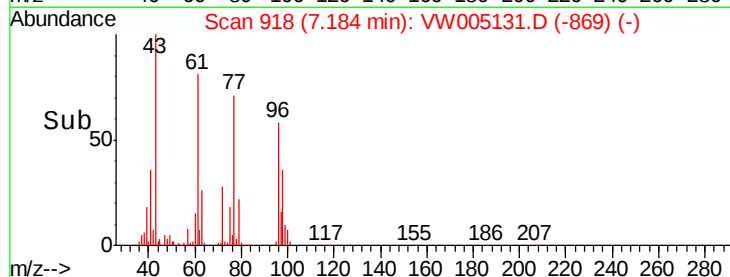
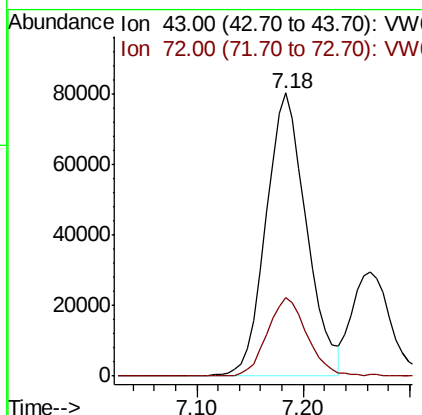
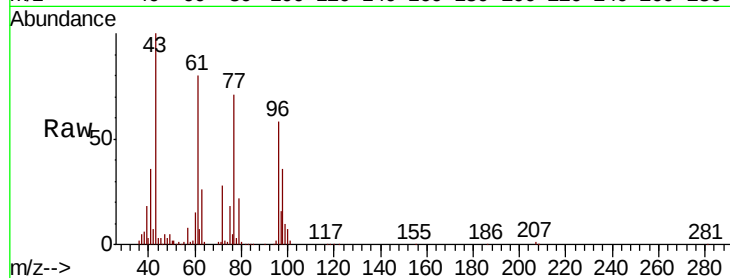
#25
2-Butanone
Concen: 126.39 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.6	23.1	34.7

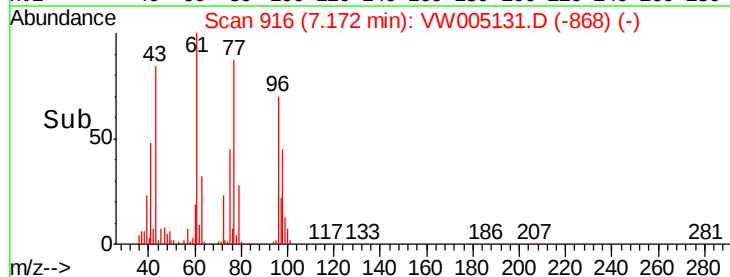
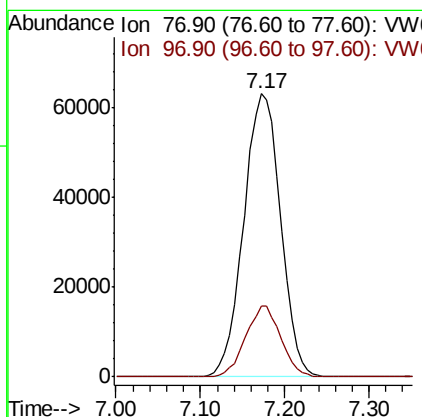
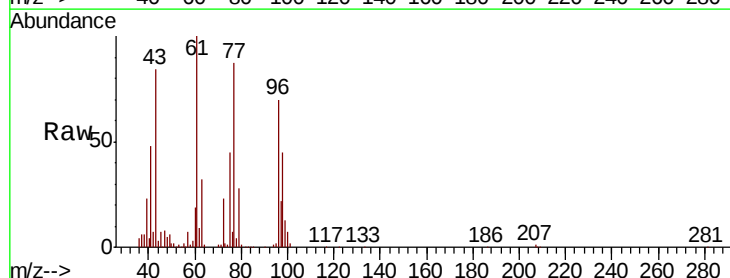
Manual Integrations
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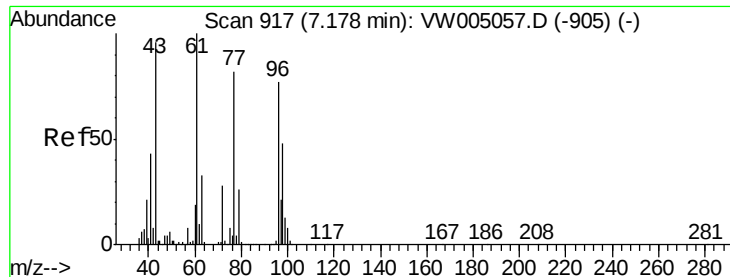
apatel
9/6/2018 12:02:37 PM



#26
2,2-Dichloropropane
Concen: 23.56 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.8	12.2	36.6





#27

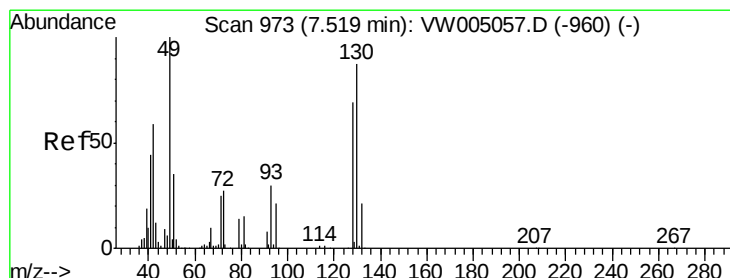
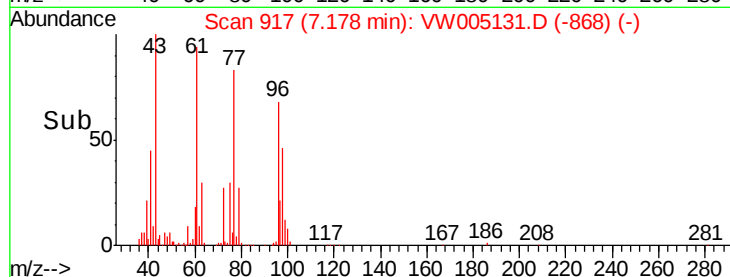
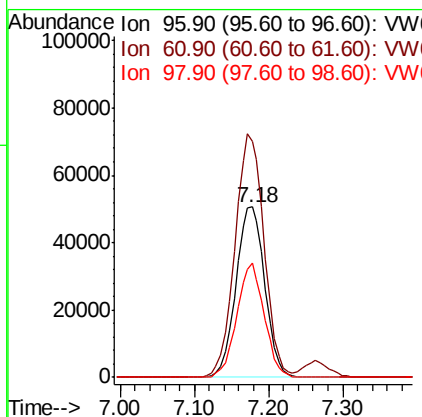
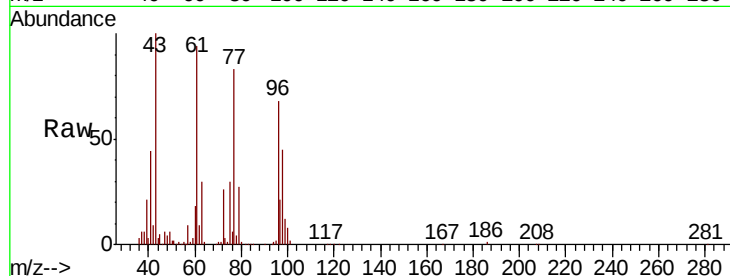
cis-1,2-Dichloroethene
Concen: 21.78 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	137026		
61	144.2	0.0	273.2	
98	63.6	0.0	127.8	

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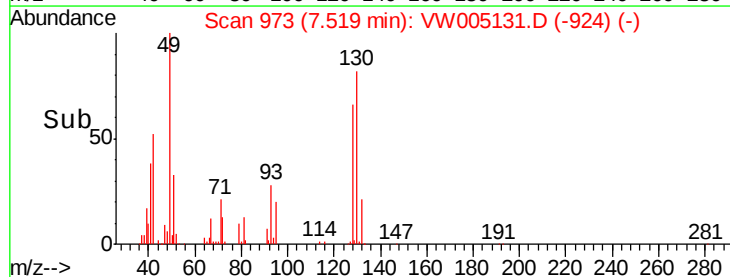
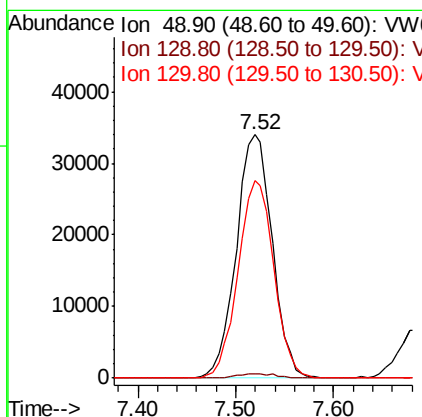
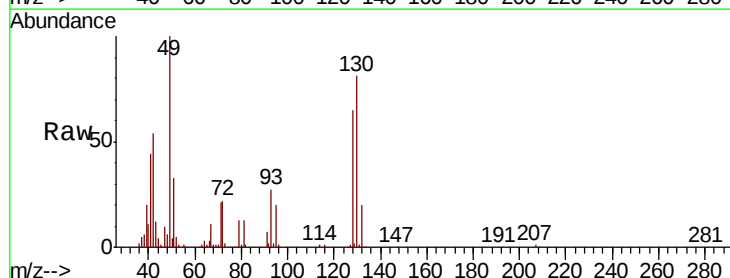
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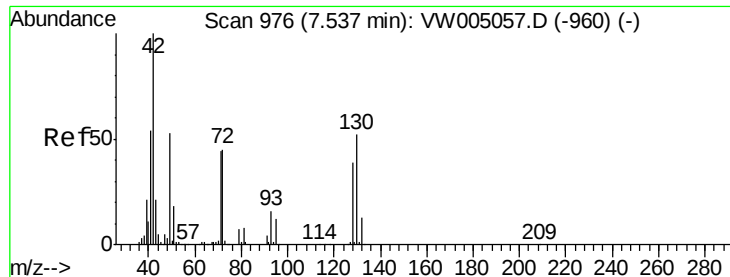


#28

Bromochloromethane
Concen: 22.16 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86583		
129	2.0	0.0	4.4	
130	80.7	69.6	104.4	





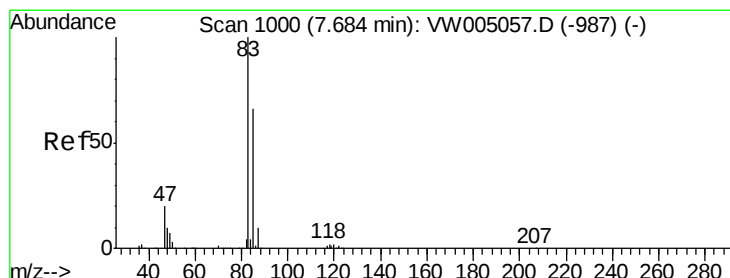
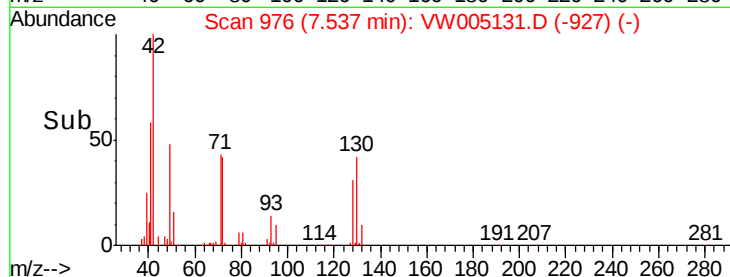
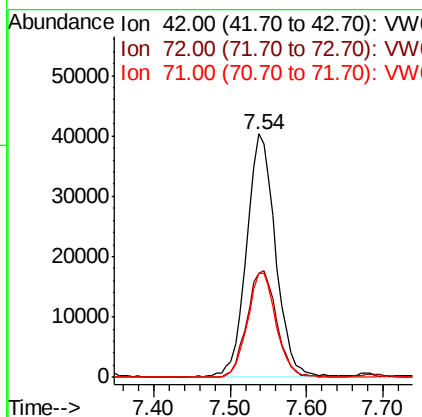
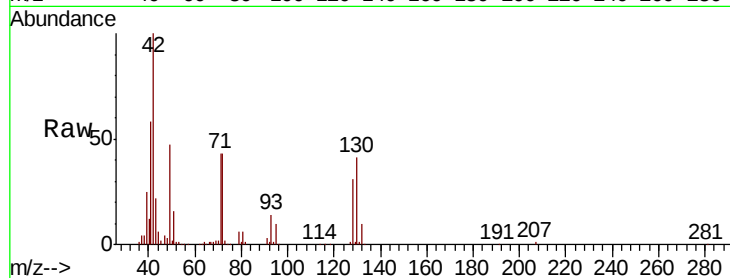
#29
Tetrahydrofuran
Concen: 123.31 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	37.0	55.4
71	42.3	35.0	52.6

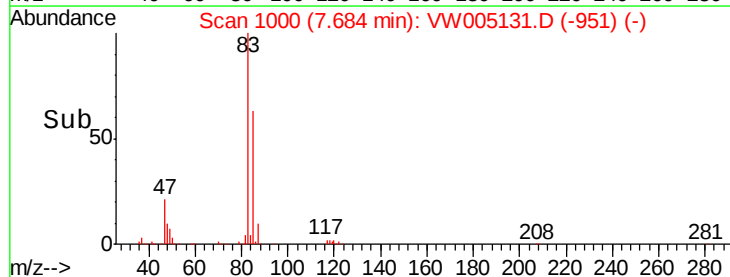
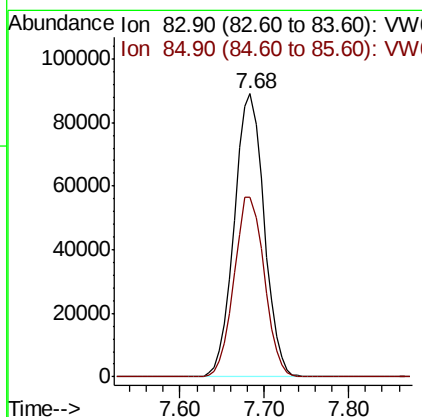
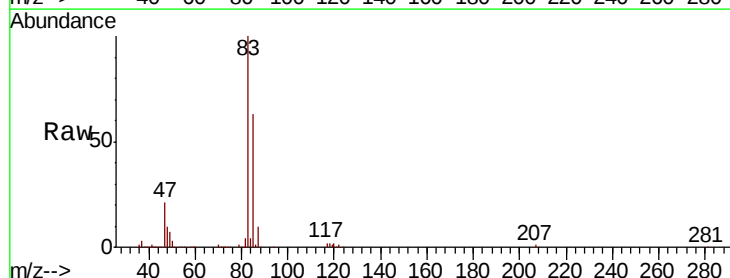
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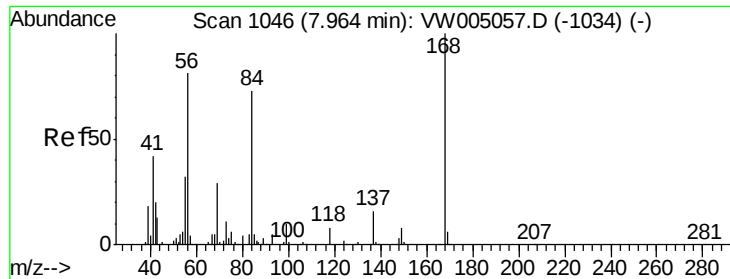
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#30
Chloroform
Concen: 21.49 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.1	79.7





#31

Cyclohexane

Concen: 24.92 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

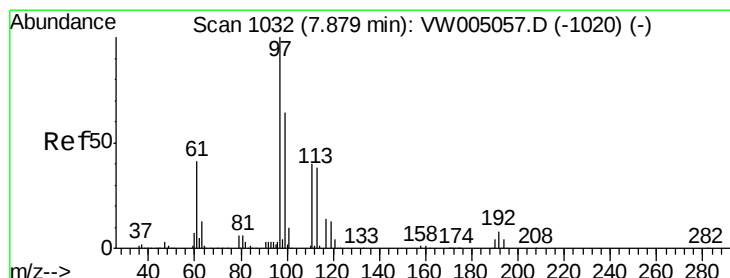
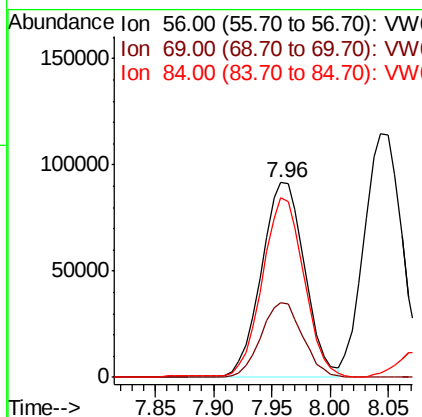
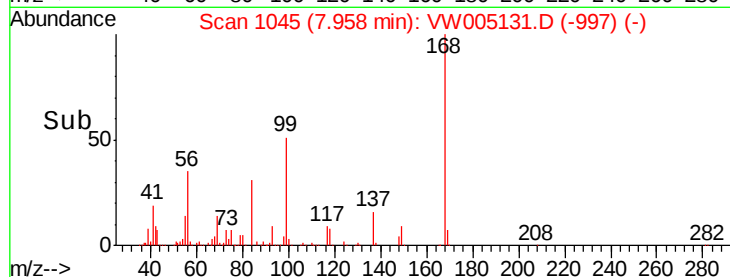
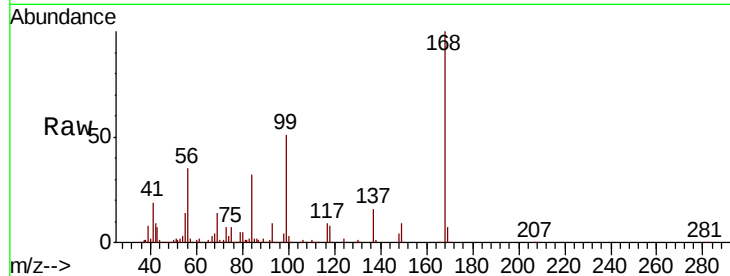
ClientSampled :

VW0905SBS01

Tot Ion:	56	Resp:	236881
Ion	Ratio	Lower	Upper
56	100		
69	38.7	28.2	42.2
84	90.9	71.8	107.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.97 ug/l

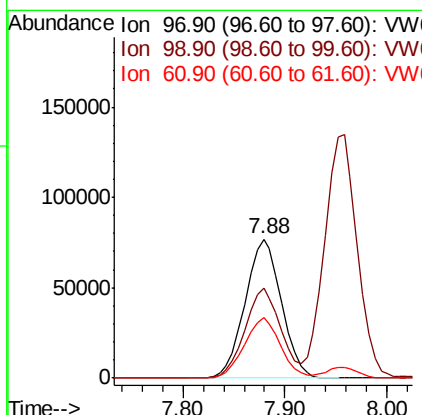
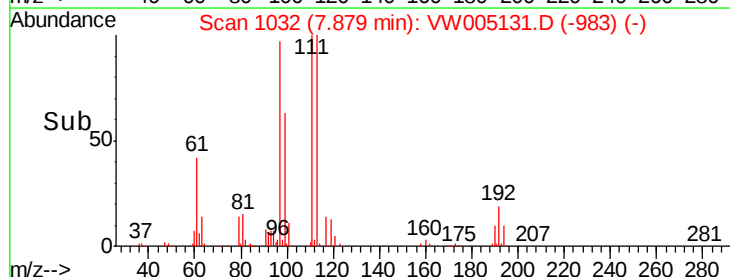
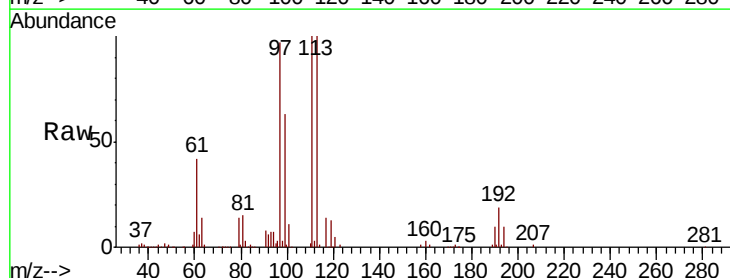
RT: 7.88 min Scan# 1032

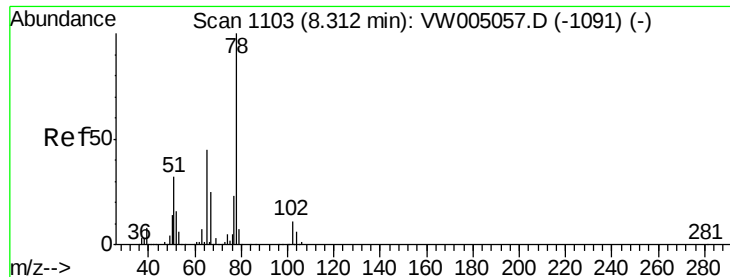
Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion:	97	Resp:	189568
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	42.9	33.2	49.8





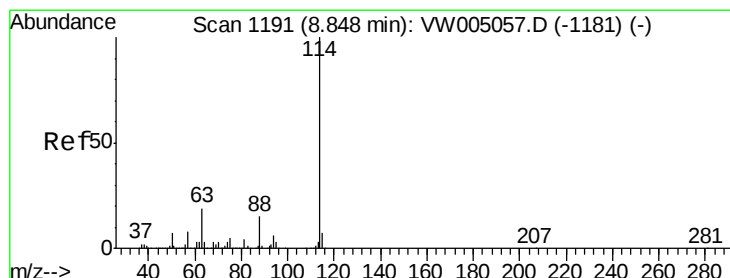
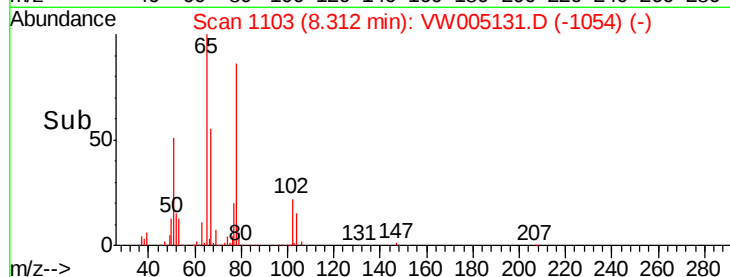
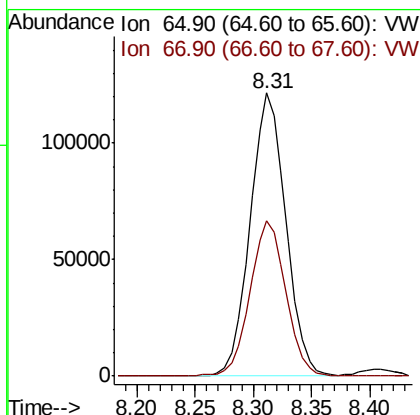
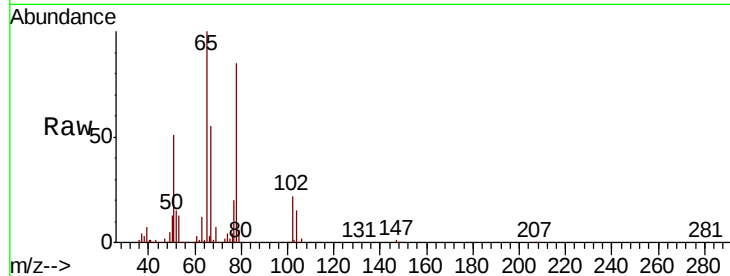
#33
 1,2-Dichloroethane-d4
 Concen: 53.58 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.1	0.0	109.4	

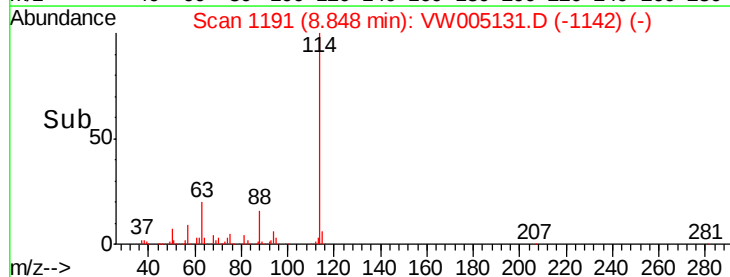
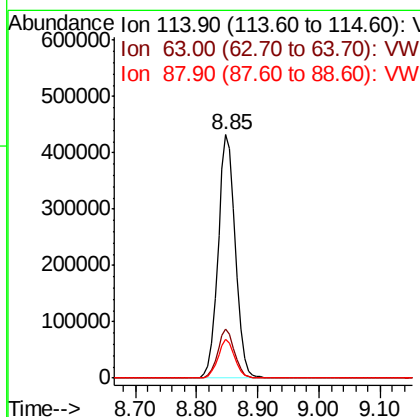
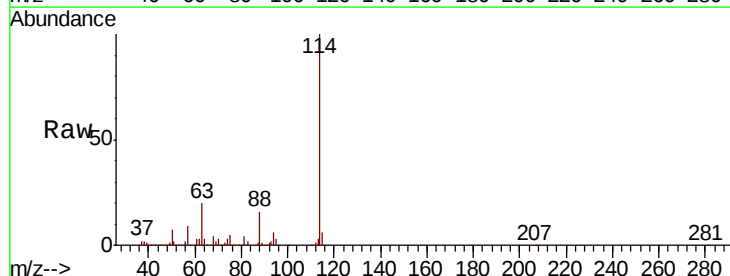
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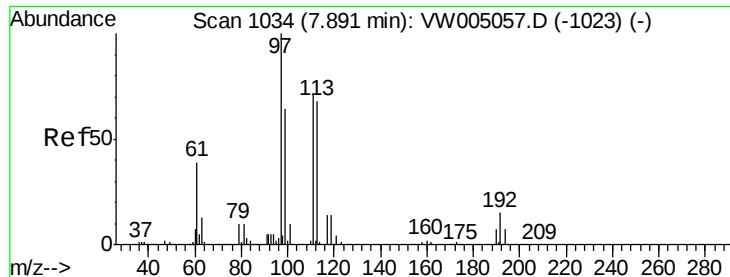
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	38.0	
88	15.8	0.0	30.2	





#35

Dibromofluoromethane

Concen: 50.87 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

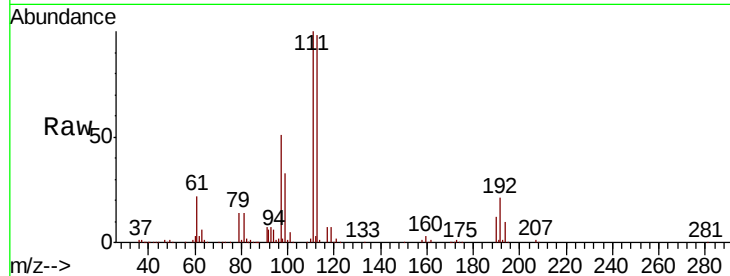
ClientSampleId :

VW0905SBS01

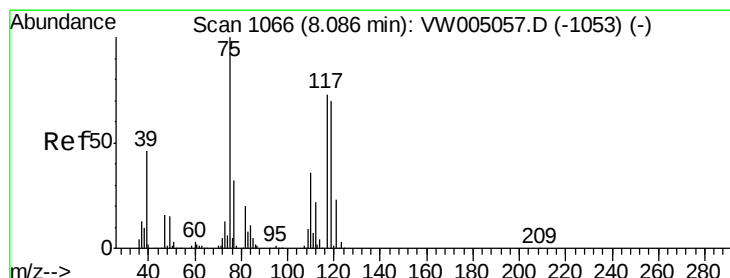
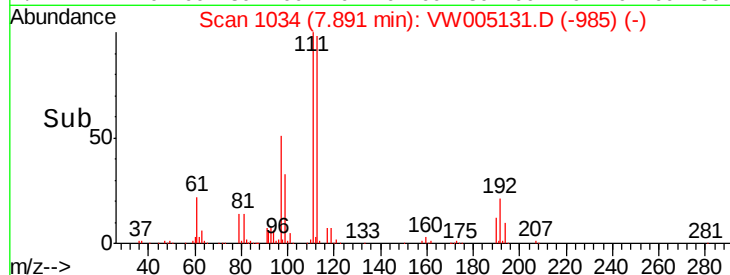
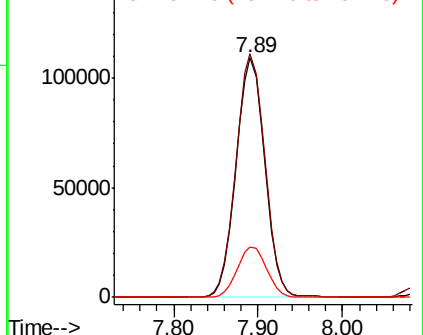
Tot Ion:	113	Resp:	250687
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.2	123.2
192	21.7	18.1	27.1

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 23.30 ug/l

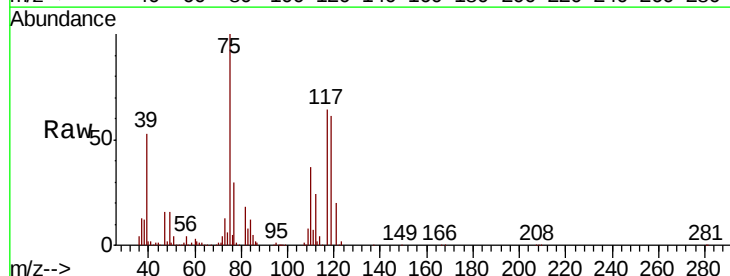
RT: 8.09 min Scan# 1066

Delta R.T. 0.00 min

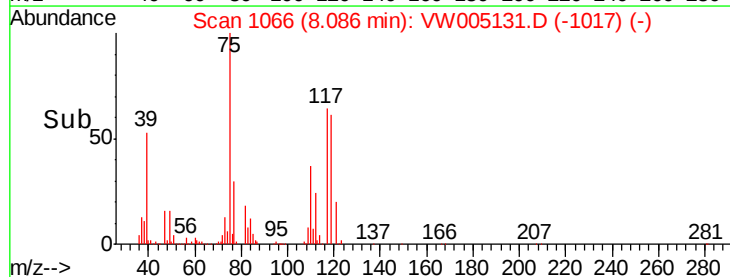
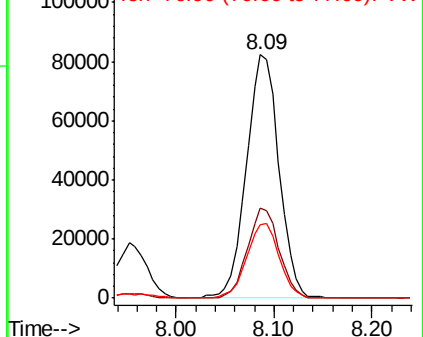
Lab File: VW005131.D

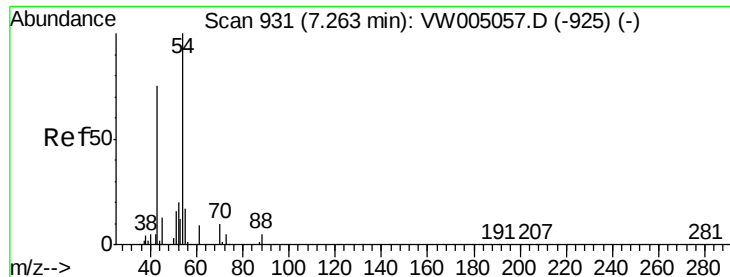
Acq: 05 Sep 2018 16:12

Tgt Ion:	75	Resp:	189245
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.9	56.7
77	30.9	25.5	38.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





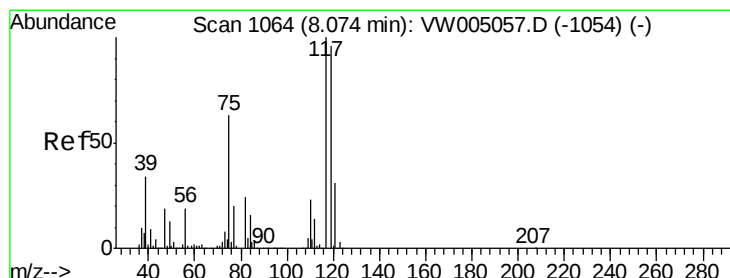
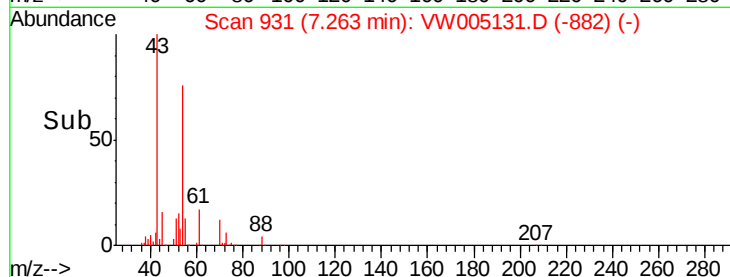
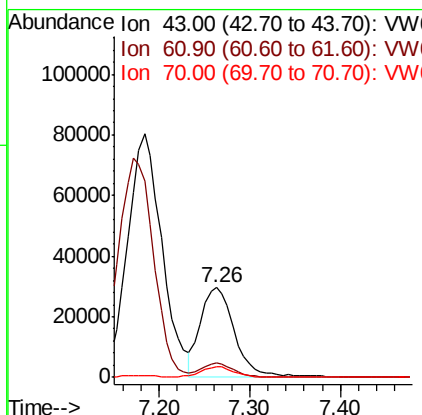
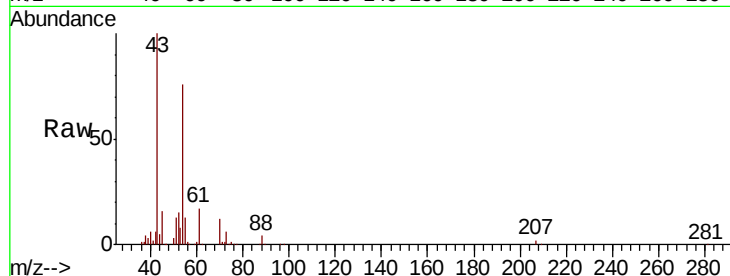
#37
Ethyl Acetate
Concen: 25.37 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.1	18.1
70	11.2	9.4	14.2

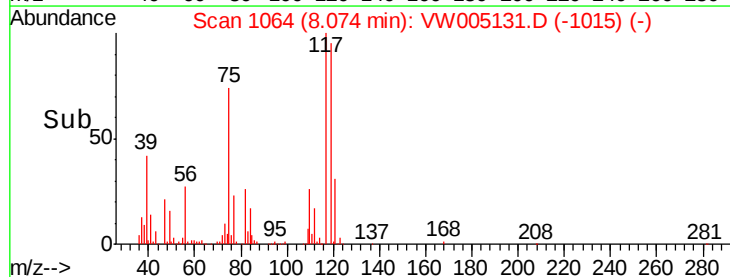
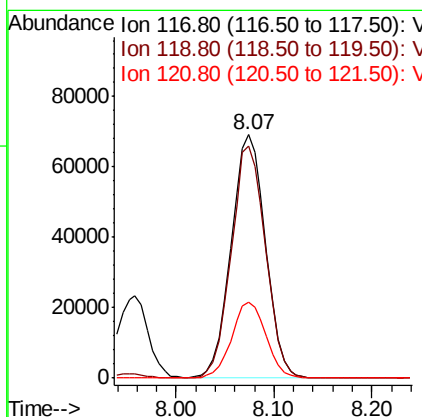
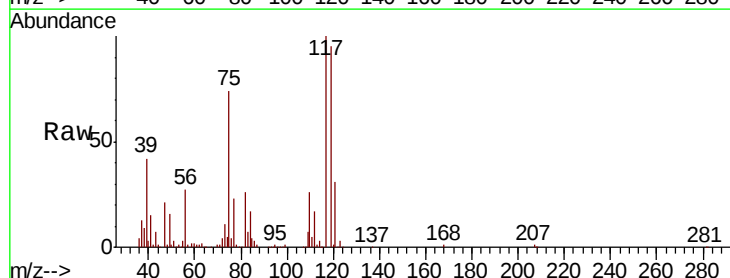
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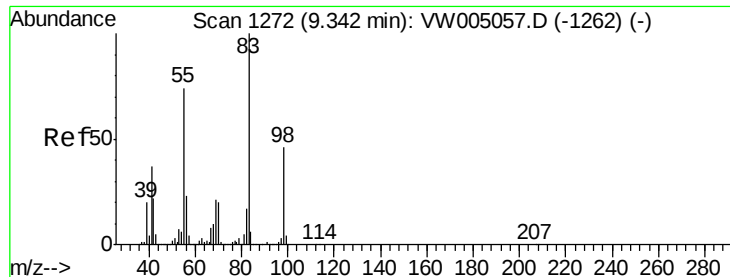
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#38
Carbon Tetrachloride
Concen: 21.74 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	115.0
121	31.0	24.8	37.2





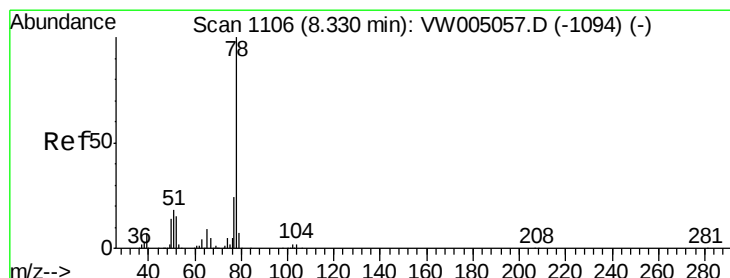
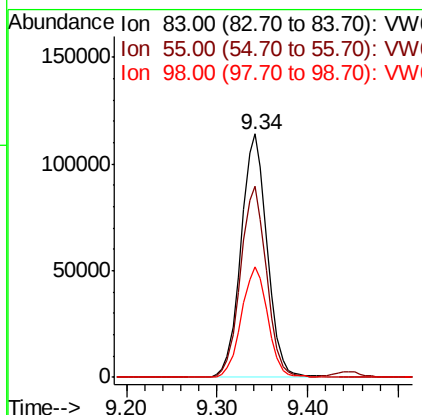
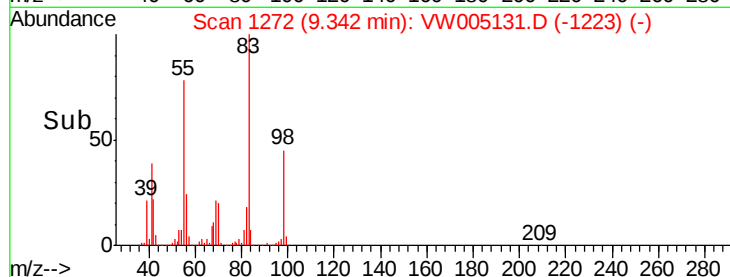
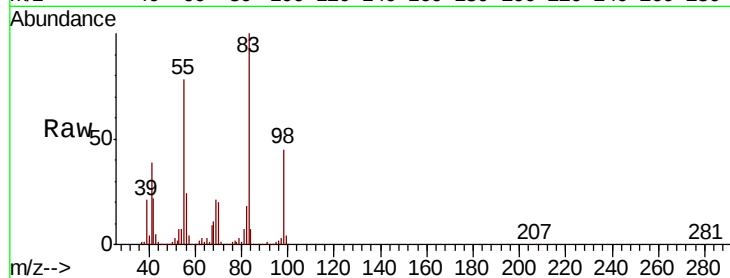
#39
Methvlcvclohexane
Concen: 23.22 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	58.9	88.3
98	45.3	36.8	55.2

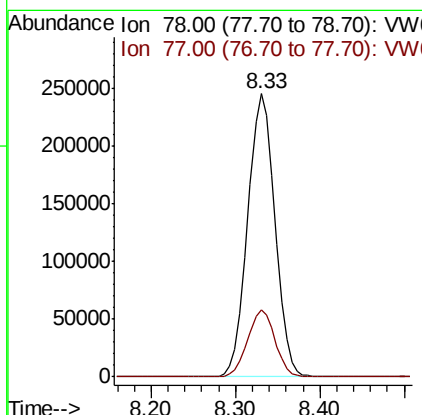
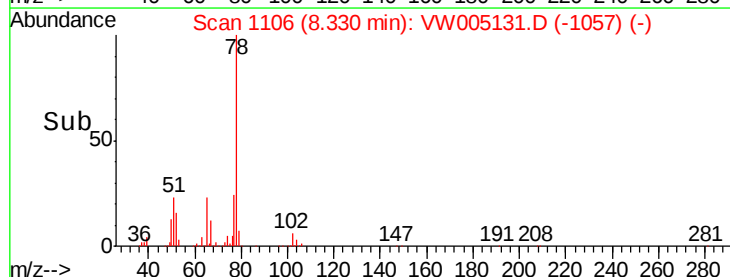
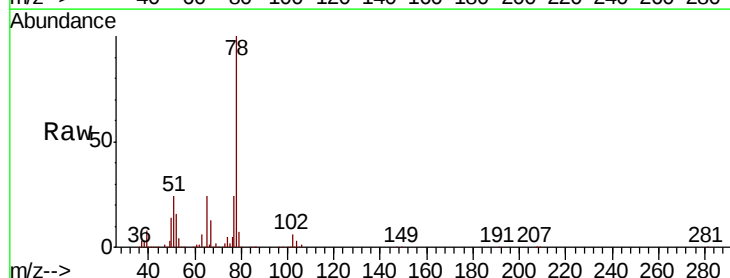
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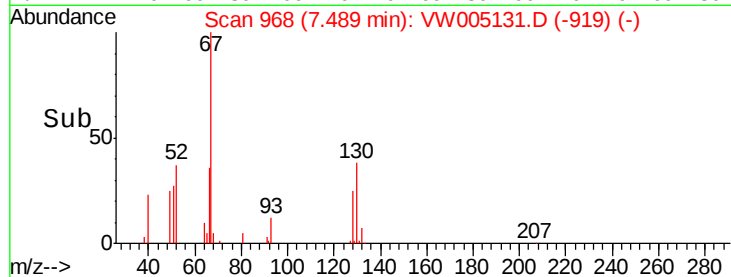
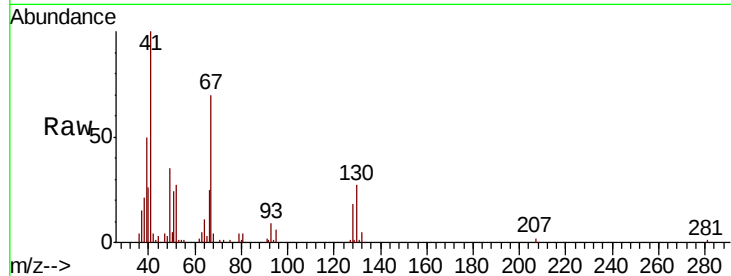
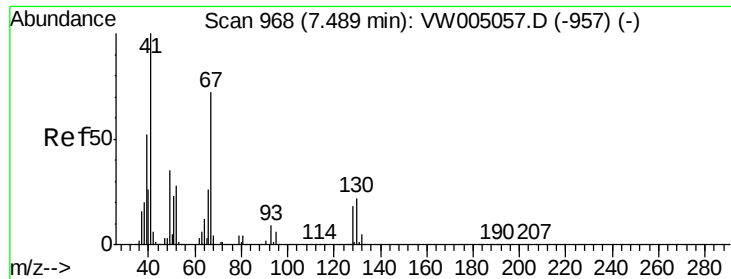
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#40
Benzene
Concen: 21.61 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





#41

Methacrylonitrile

Concen: 25.40 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW005131.D

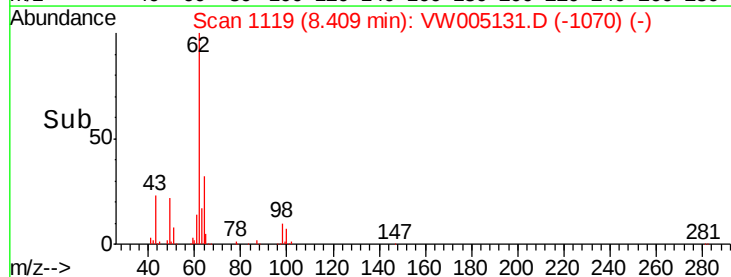
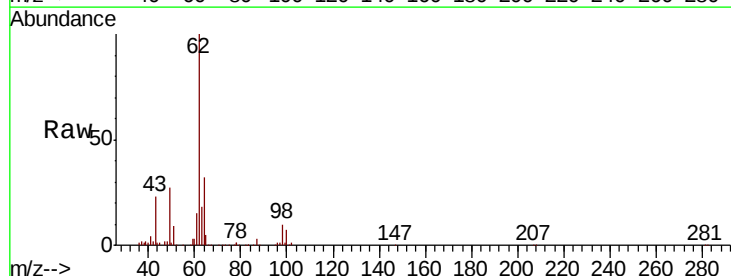
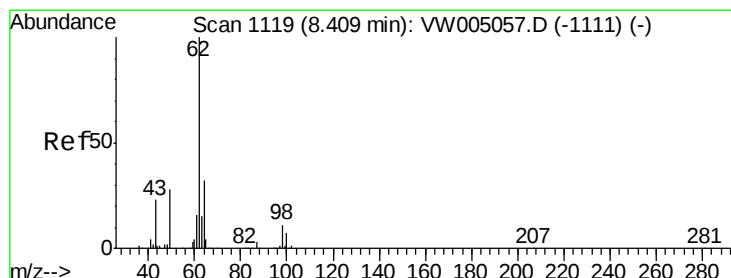
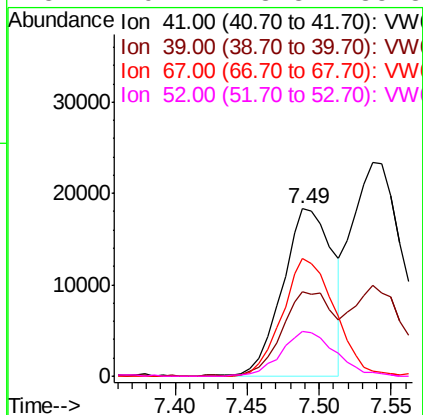
Acq: 05 Sep 2018 16:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	51.5	41.8	62.8		
67	73.9	60.4	90.6		
52	29.1	23.8	35.8		

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

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#42

1,2-Dichloroethane

Concen: 22.29 ug/l

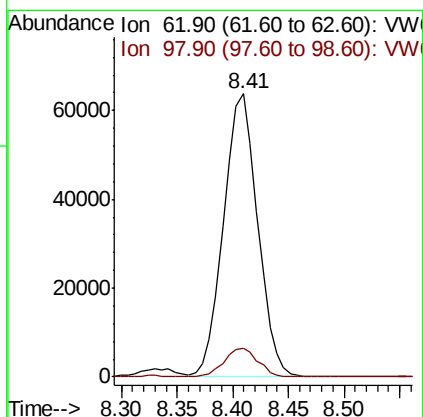
RT: 8.41 min Scan# 1119

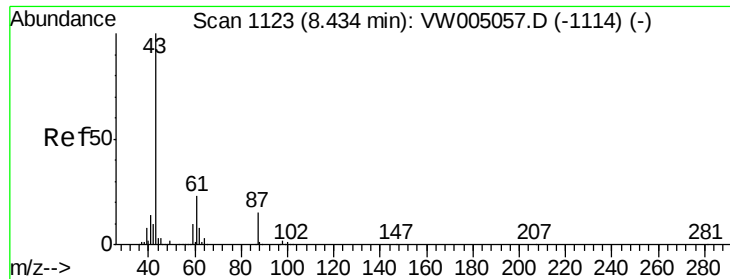
Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.1	0.0	21.8		





#43

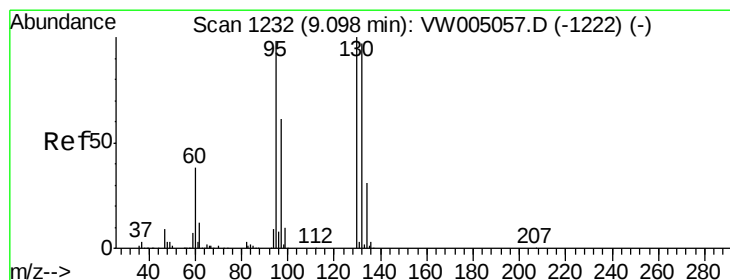
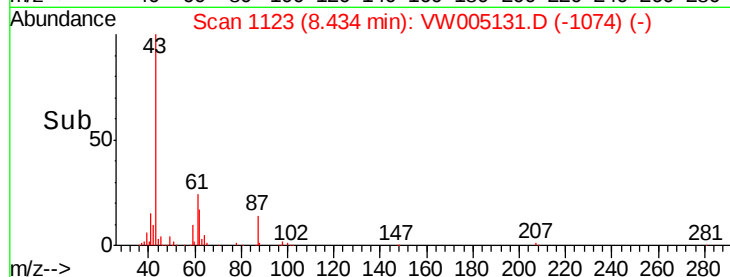
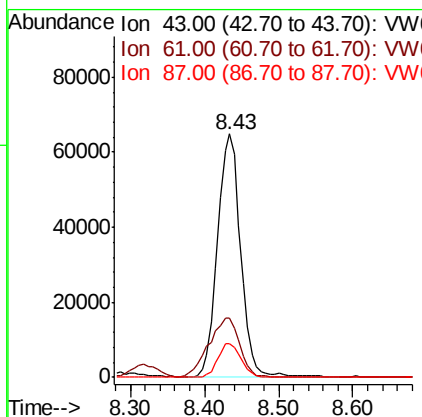
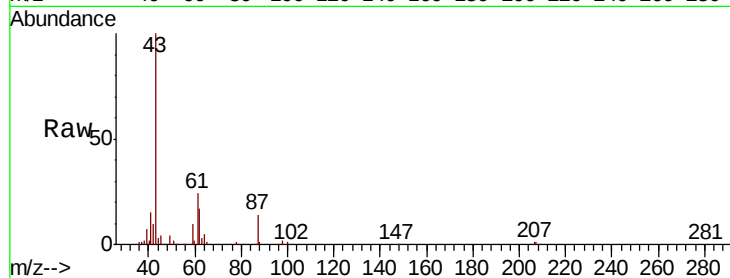
Isopropyl Acetate
 Concen: 25.13 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.5	26.8	40.2
87	13.9	11.6	17.4

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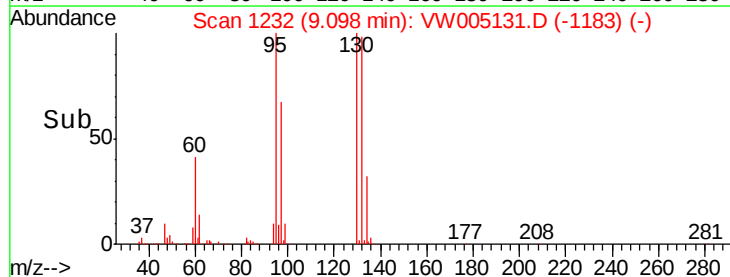
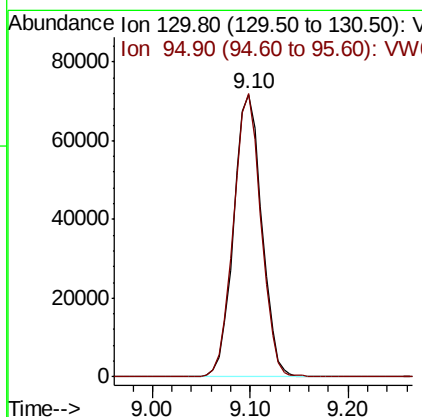
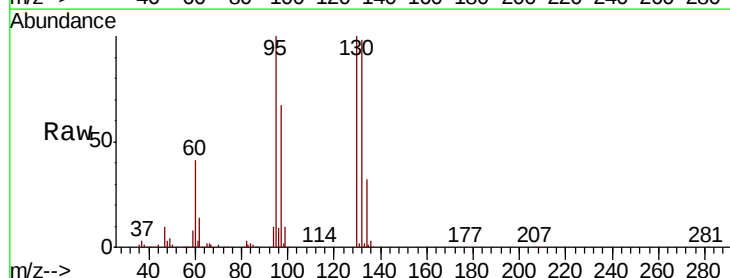
apatel
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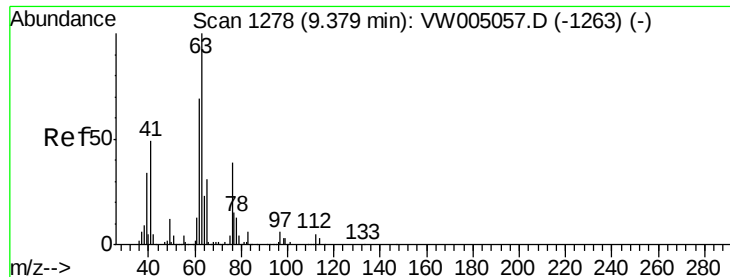


#44

Trichloroethene
 Concen: 21.34 ug/l
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	195.2





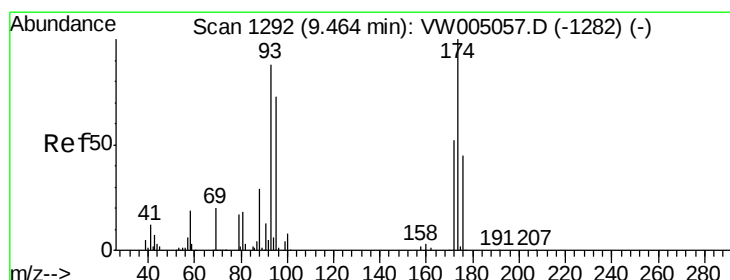
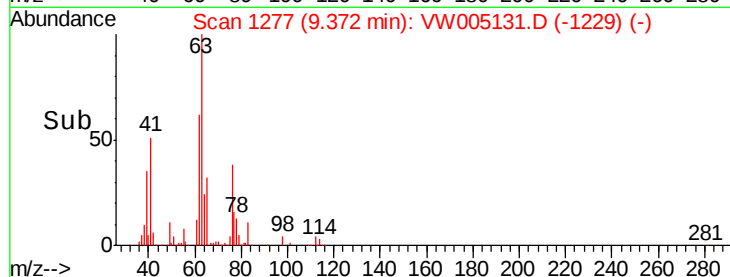
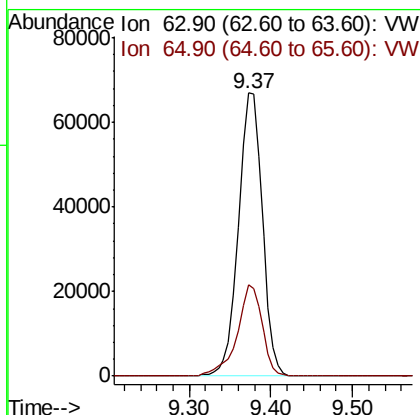
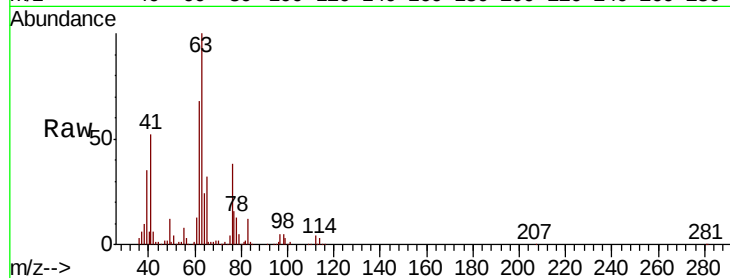
#45
 1,2-Dichloropropane
 Concen: 22.35 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.6	37.0

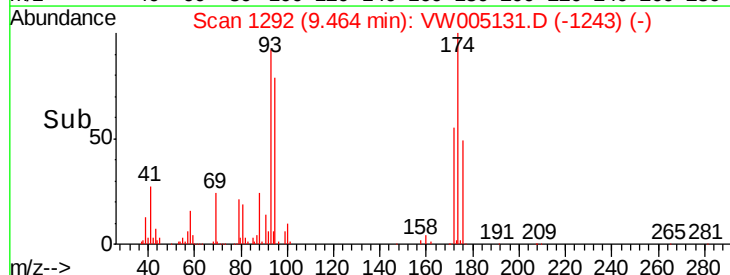
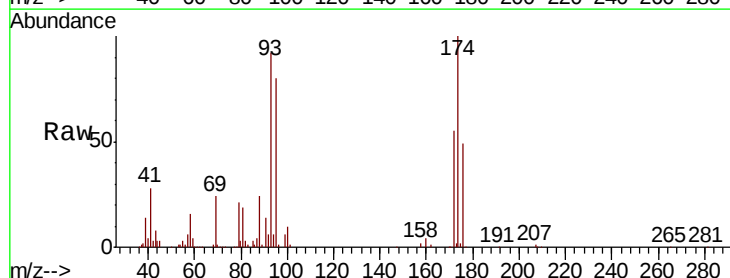
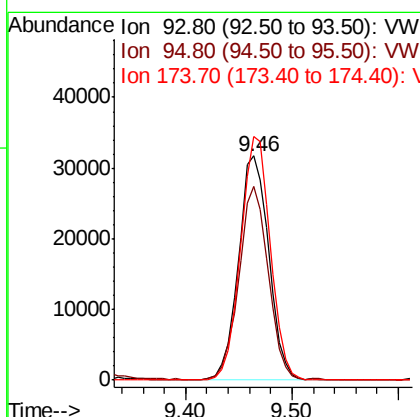
Manual Integrations
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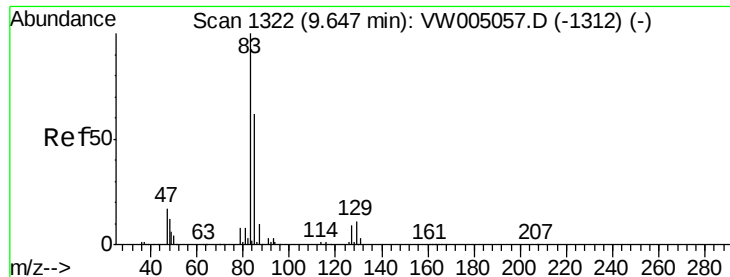
apatel
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#46
 Dibromomethane
 Concen: 21.87 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.2	99.4
174	106.5	92.0	138.0





#47

Bromodichloromethane

Concen: 21.79 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

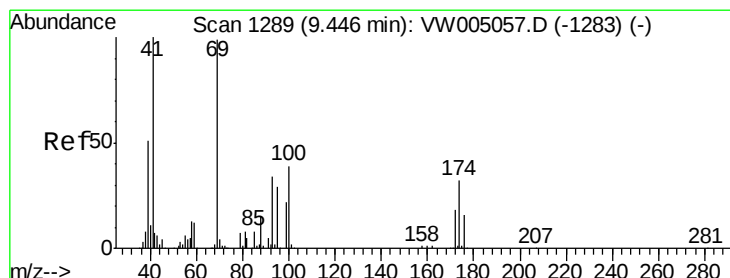
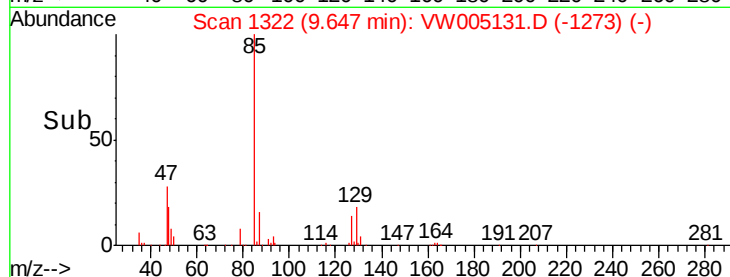
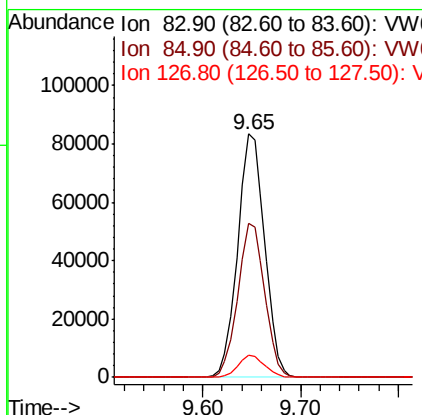
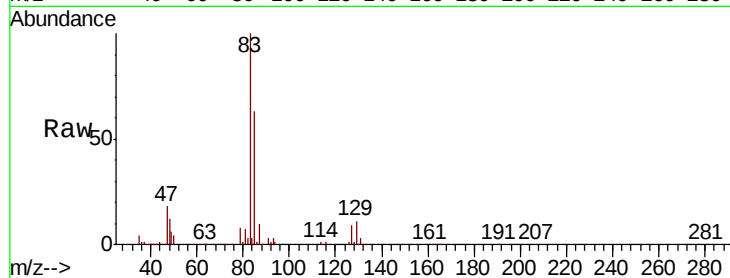
ClientSampleId :

VW0905SBSD01

Tot Ion:	83	Resp:	159389
Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.8	74.6
127	9.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 24.53 ug/l

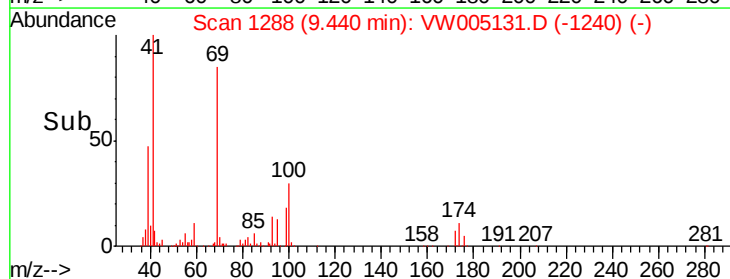
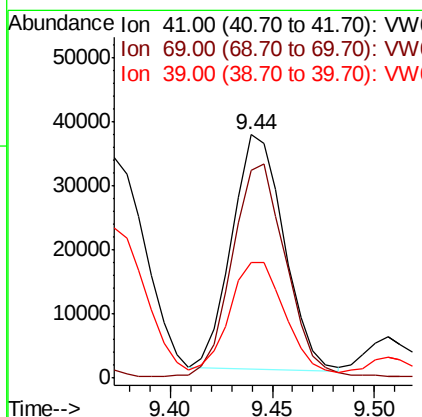
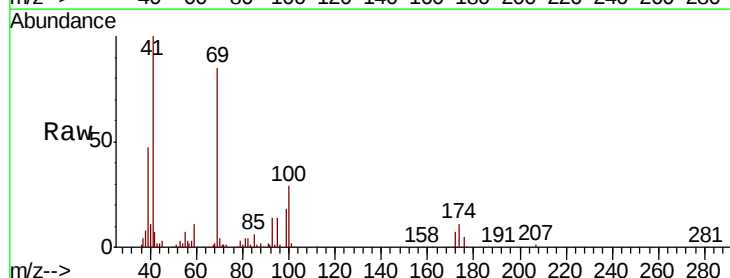
RT: 9.44 min Scan# 1288

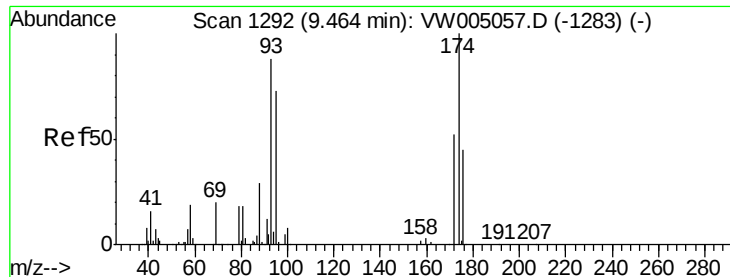
Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion:	41	Resp:	65290
Ion	Ratio	Lower	Upper
41	100		
69	95.7	80.4	120.6
39	49.2	43.5	65.3





#49

1,4-Dioxane

Concen: 447.53 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

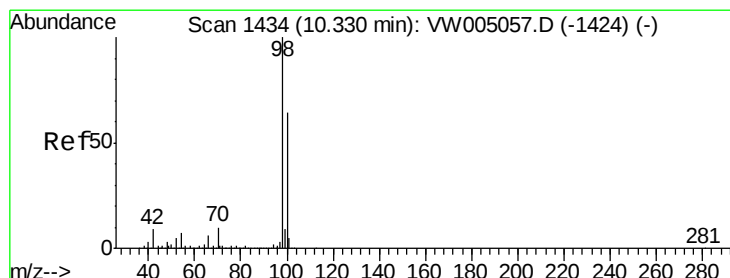
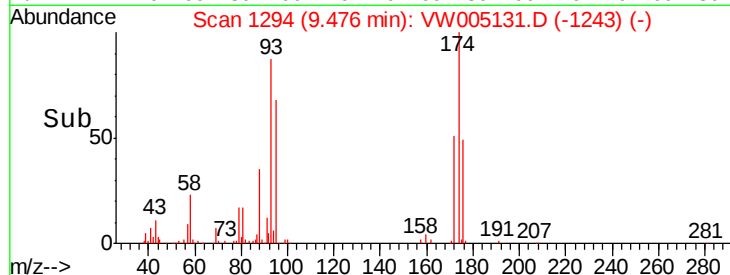
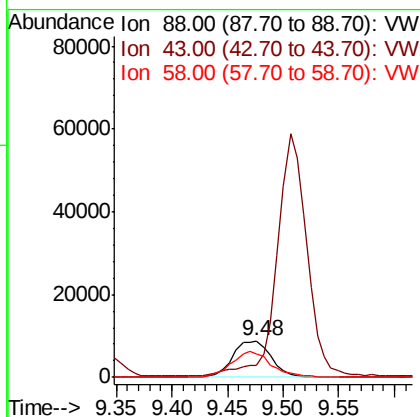
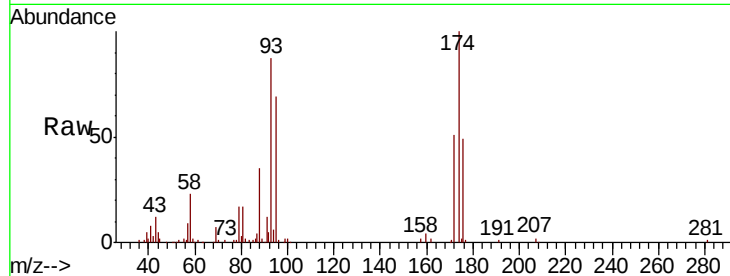
ClientSampleId :

VW0905SBS01

Tot Ion:	88	Resp:	21021
Ion Ratio	Lower	Upper	
88	100		
43	0.0	19.8	29.6#
58	74.6	57.1	85.7

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#50

Toluene-d8

Concen: 51.47 ug/l

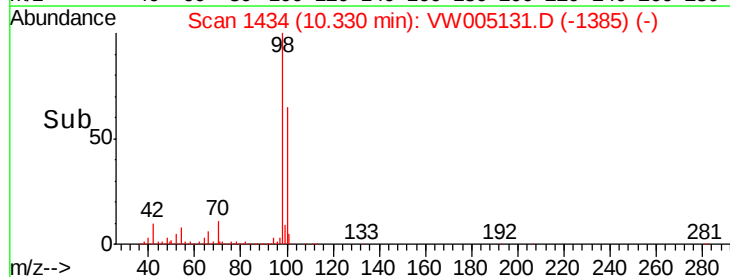
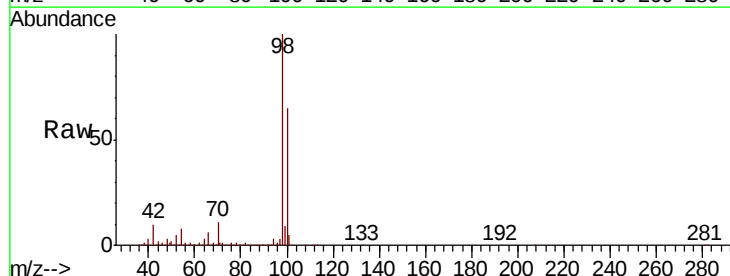
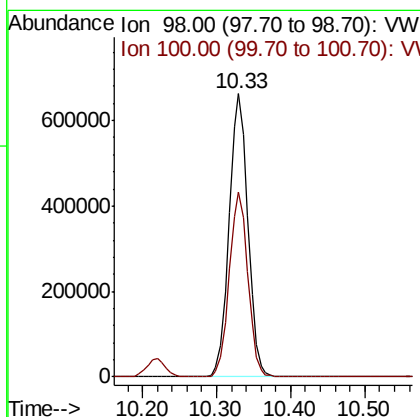
RT: 10.33 min Scan# 1434

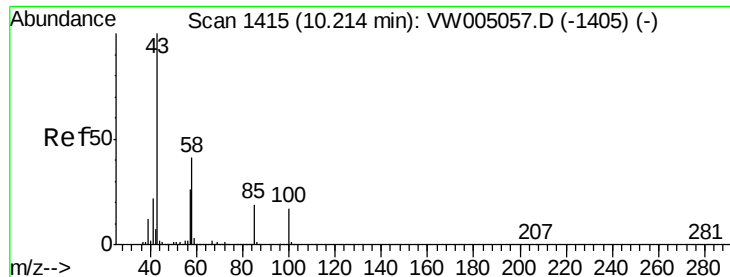
Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion:	98	Resp:	1168751
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 124.48 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS01

Tot Ion: 43 Resp: 461129

Ion Ratio Lower Upper

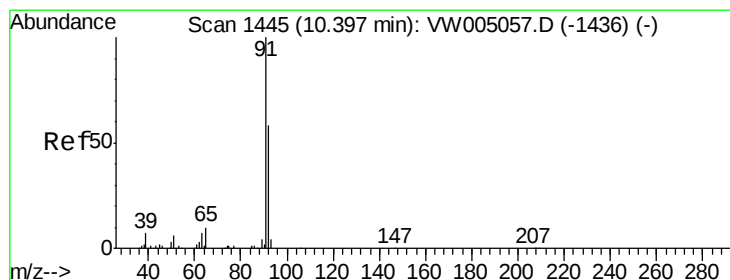
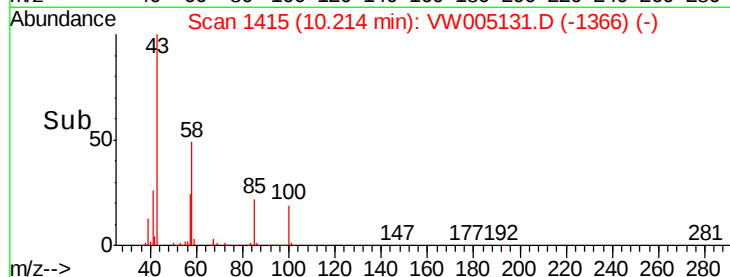
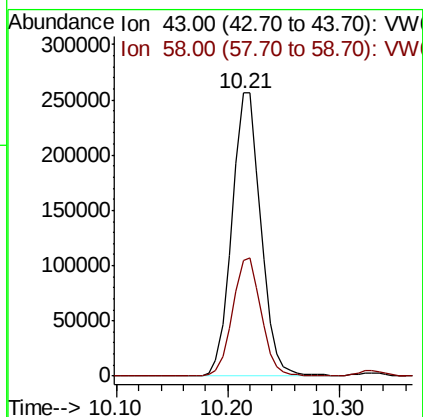
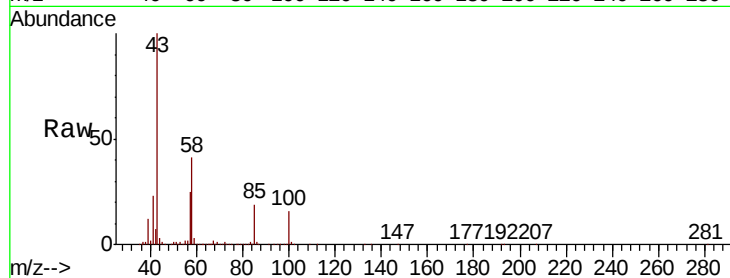
43 100

58 41.3 33.3 49.9

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#52

Toluene

Concen: 21.36 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005131.D

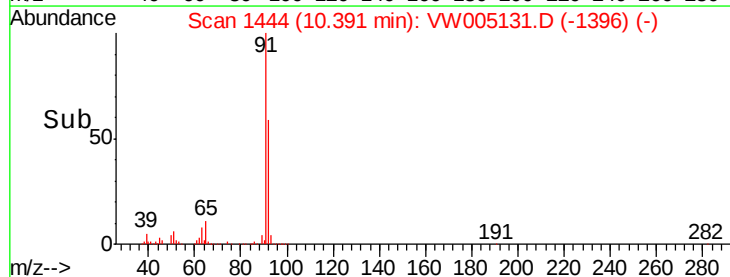
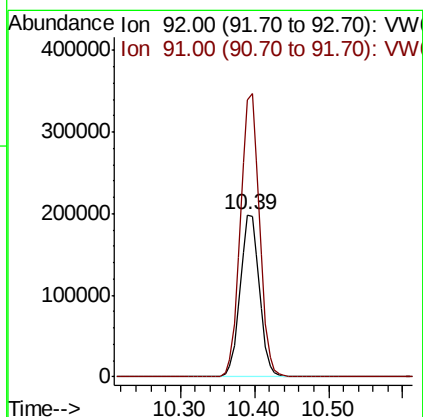
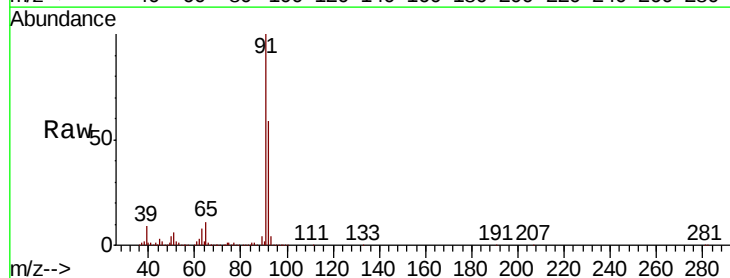
Acq: 05 Sep 2018 16:12

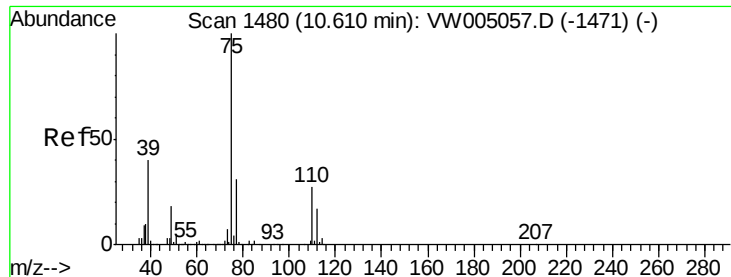
Tgt Ion: 92 Resp: 359931

Ion Ratio Lower Upper

92 100

91 173.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 23.00 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampled :

VW0905SBSD01

Tot Ion: 75 Resp: 165314

Ion Ratio Lower Upper

75 100

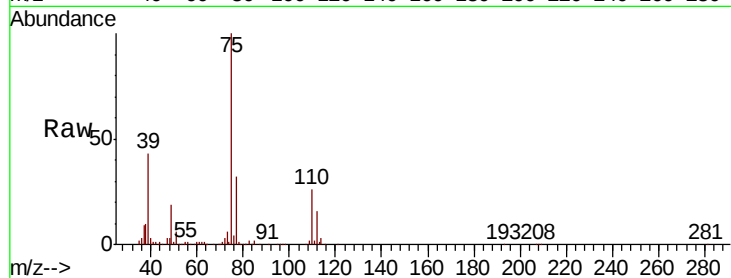
77 31.4 25.0 37.6

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

100000

80000

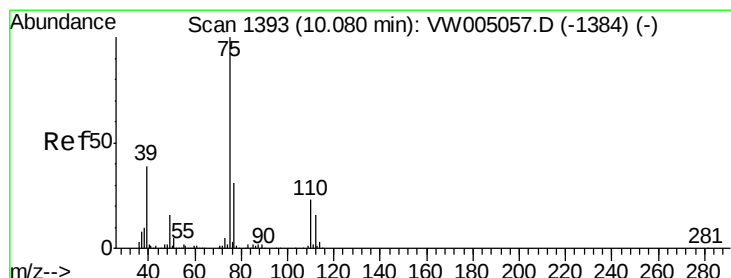
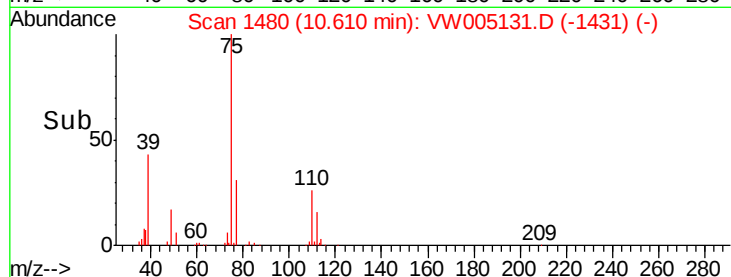
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 22.99 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

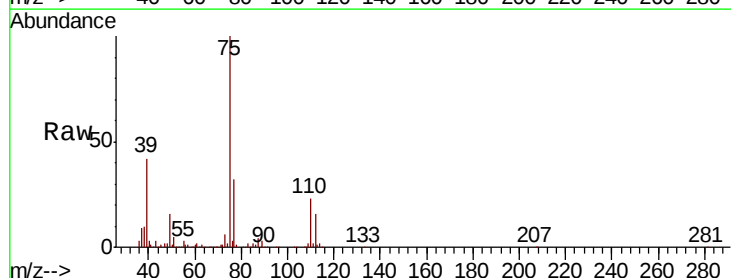
Tgt Ion: 75 Resp: 200939

Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 42.1 31.0 46.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

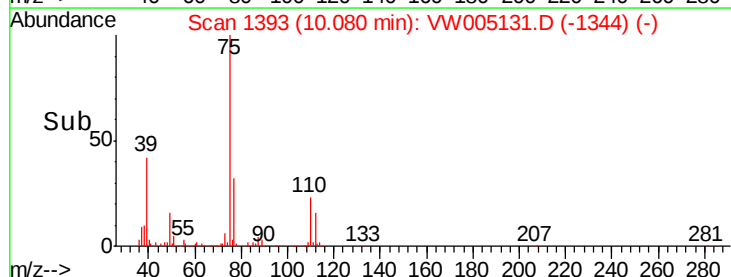
150000

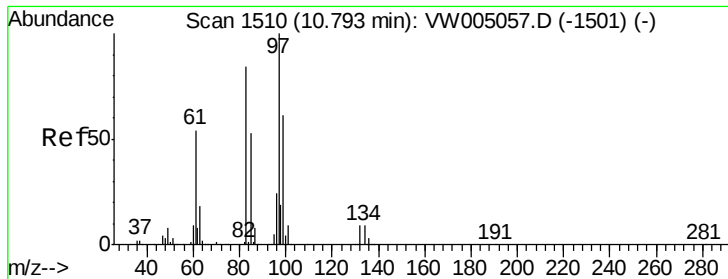
100000

50000

0

Time--> 10.00 10.10 10.20





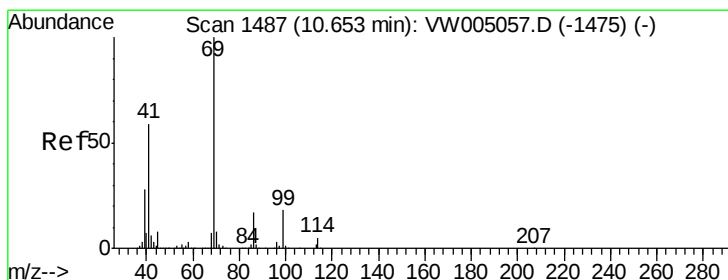
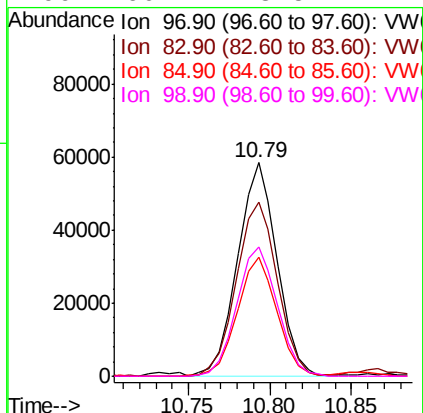
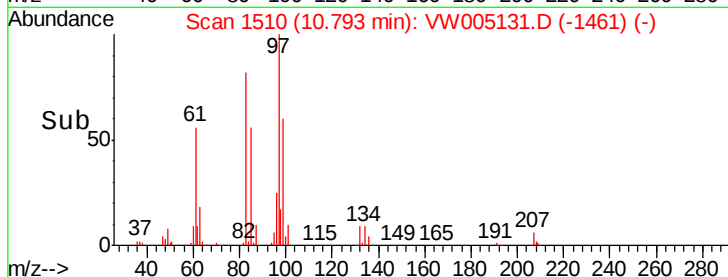
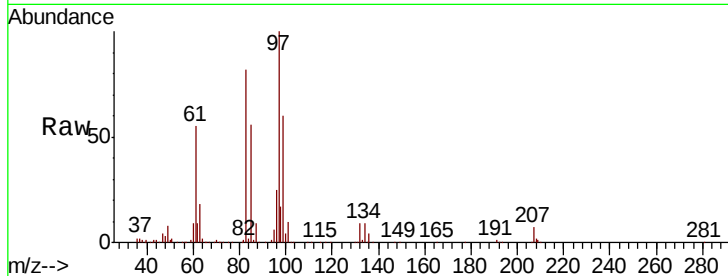
#55
 1,1,2-Trichloroethane
 Concen: 21.82 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Tot Ion:	97	Resp:	98114
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.0	100.6
85	55.6	42.3	63.5
99	60.2	48.5	72.7

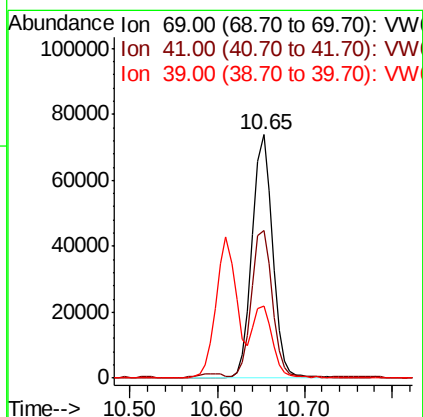
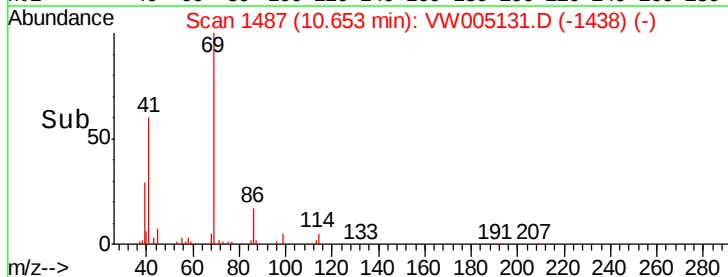
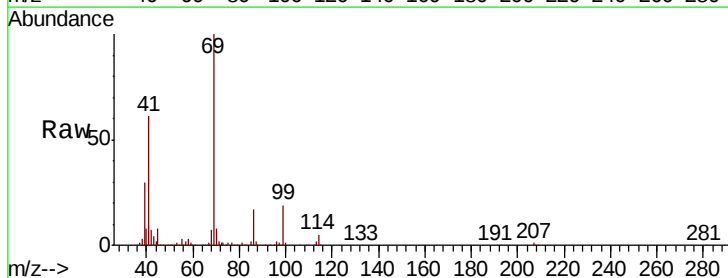
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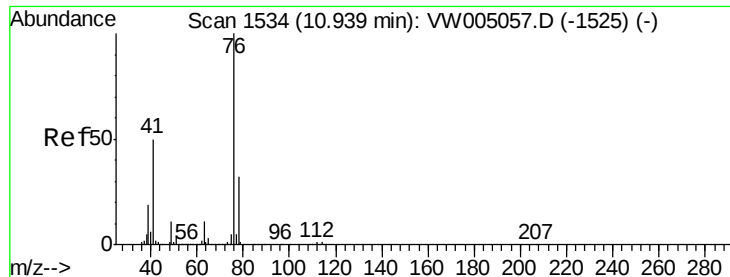
apatel
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#56
 Ethyl methacrylate
 Concen: 23.40 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion:	69	Resp:	120034
Ion	Ratio	Lower	Upper
69	100		
41	61.0	47.8	71.6
39	27.6	21.1	31.7





#57

1,3-Dichloropropane

Concen: 22.57 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS01

Tot Ion: 76 Resp: 167081

Ion Ratio Lower Upper

76 100

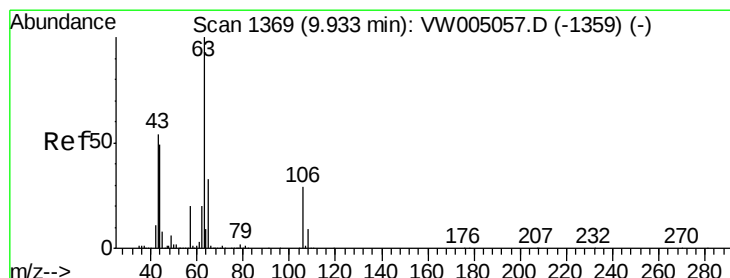
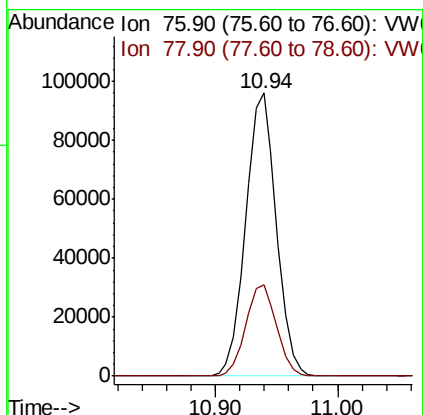
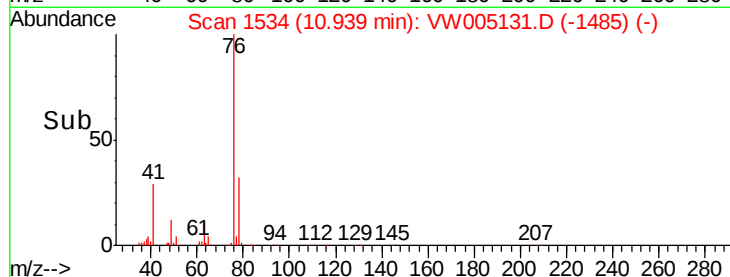
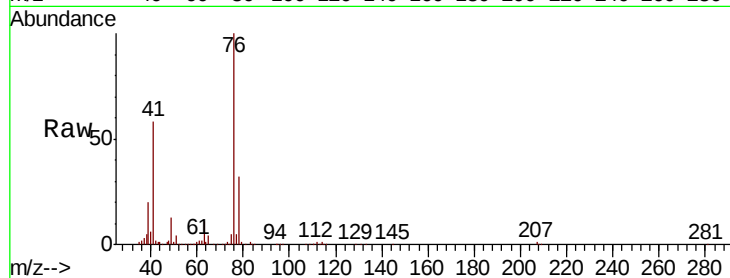
78 32.6 26.3 39.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 121.36 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005131.D

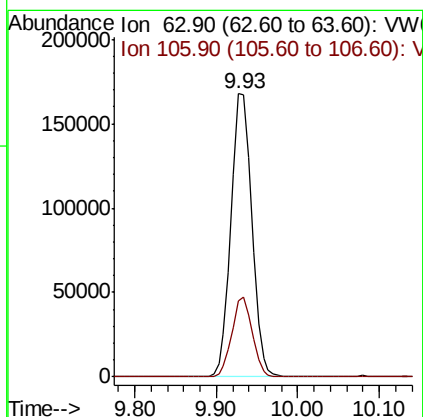
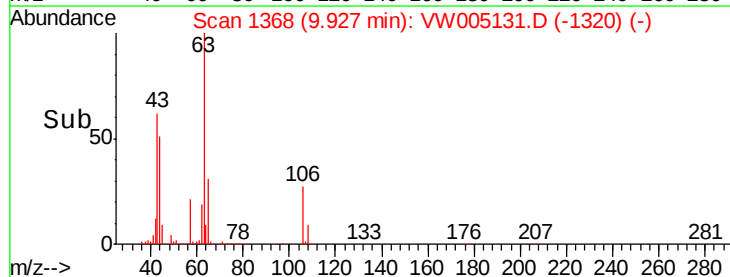
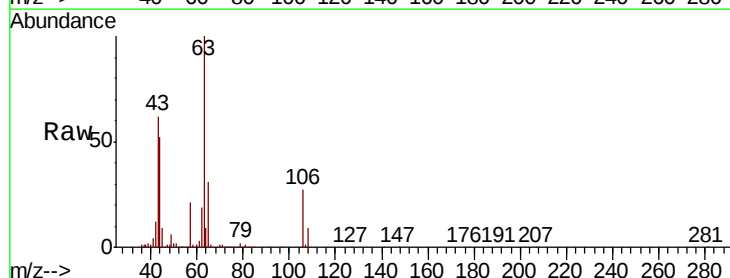
Acq: 05 Sep 2018 16:12

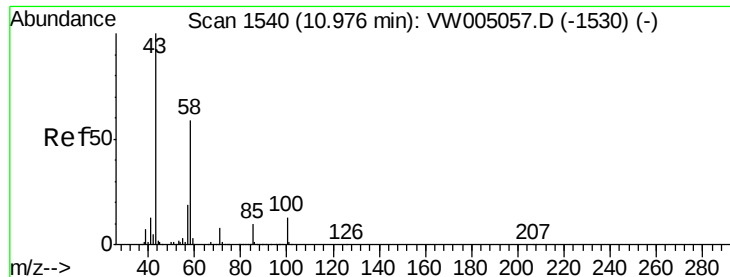
Tgt Ion: 63 Resp: 295052

Ion Ratio Lower Upper

63 100

106 27.4 23.1 34.7





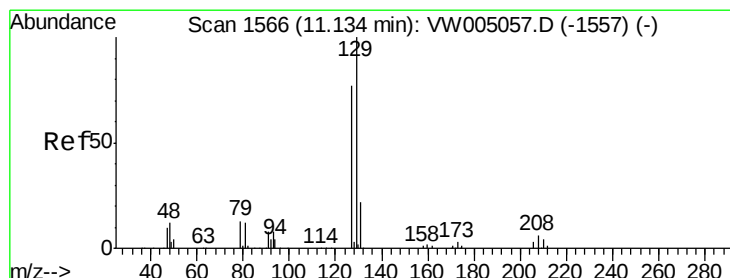
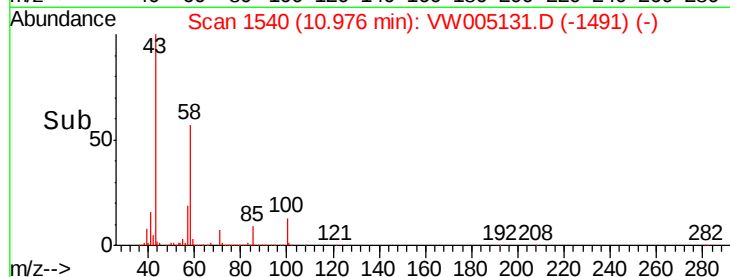
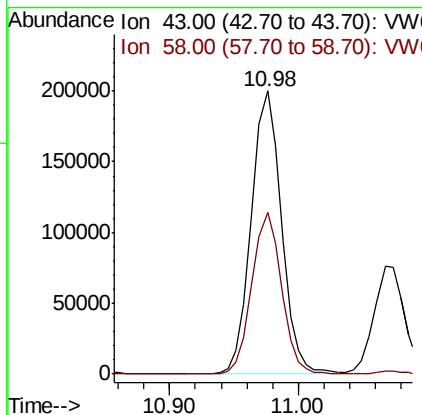
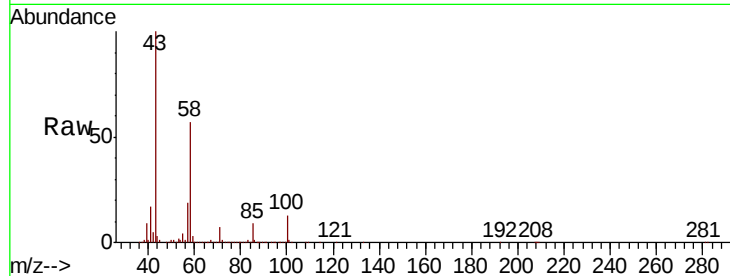
#59
2-Hexanone
Concen: 129.02 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS01

Tot Ion: 43 Resp: 323249
Ion Ratio Lower Upper
43 100
58 56.4 28.7 86.3

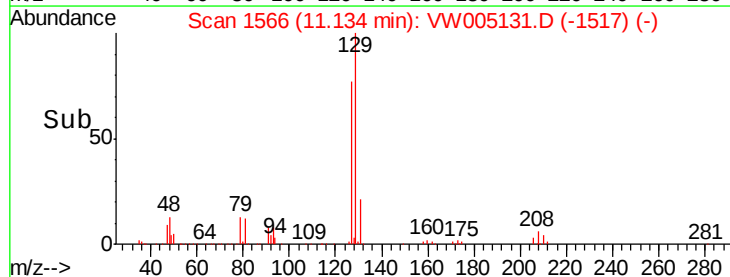
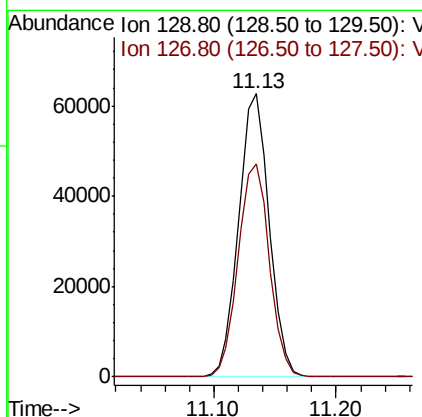
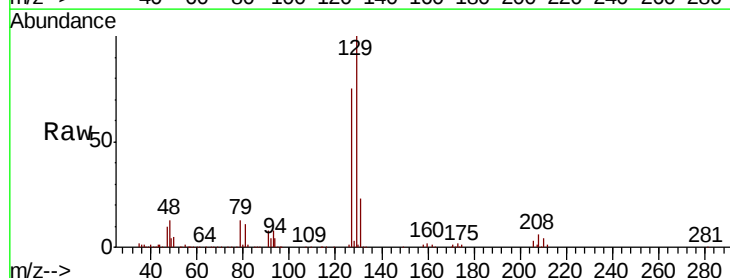
Manual Integrations
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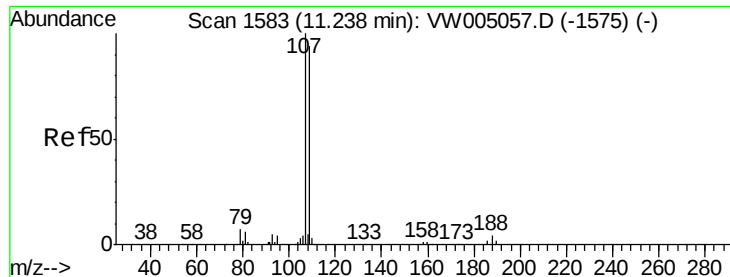
apatel
9/6/2018 12:02:37 PM



#60
Dibromochloromethane
Concen: 21.37 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 129 Resp: 108665
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





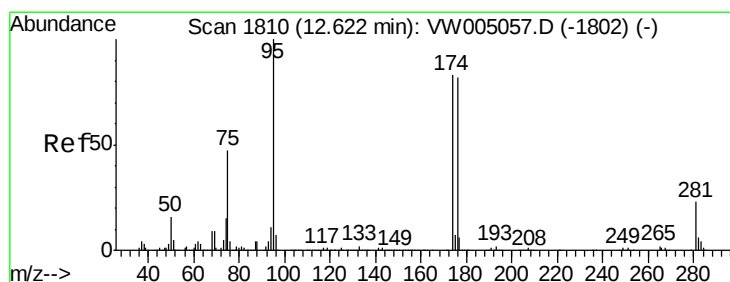
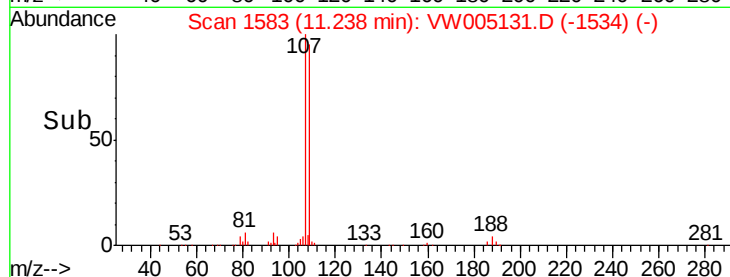
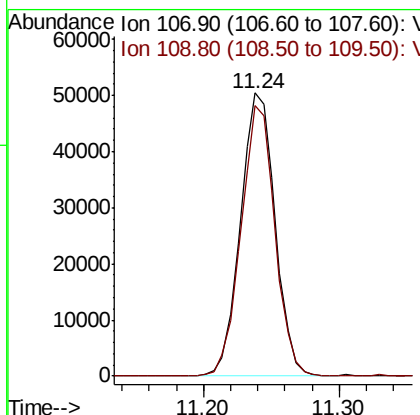
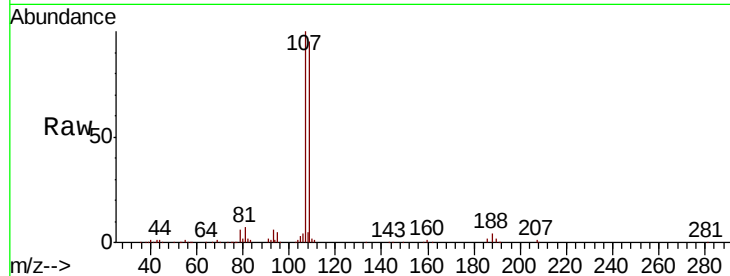
#61
 1,2-Dibromoethane
 Concen: 22.00 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.9	113.9

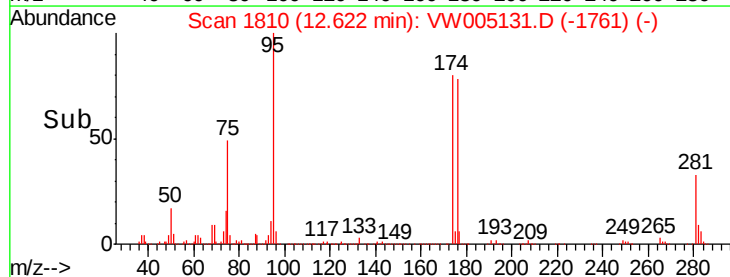
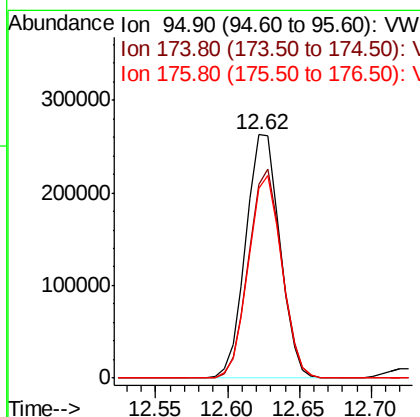
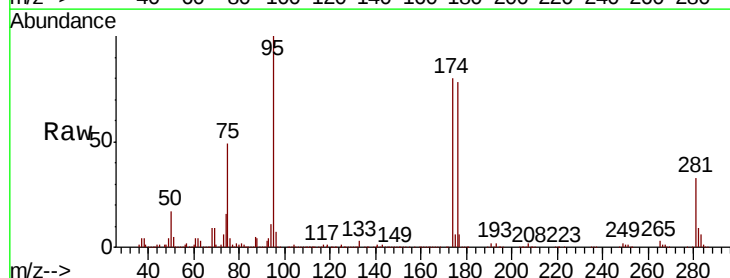
Manual Integrations
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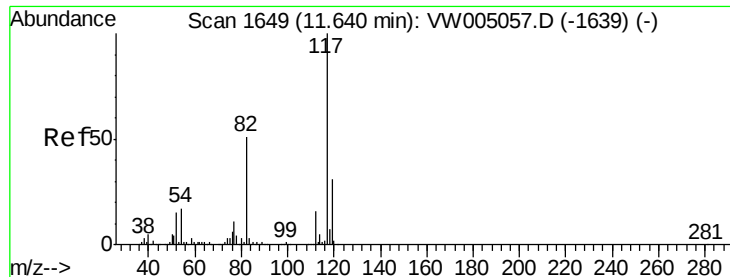
apatel
 9/6/2018 12:02:37 PM



#62
 4-Bromofluorobenzene
 Concen: 53.71 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	173.4
176	81.6	0.0	167.4





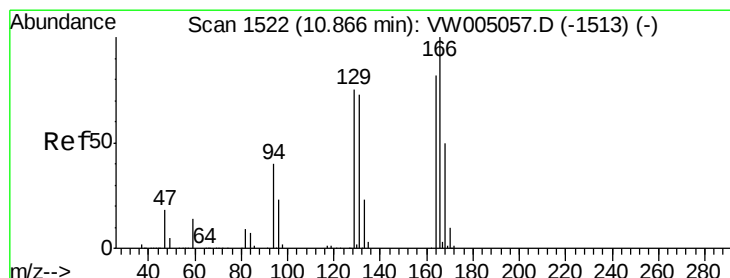
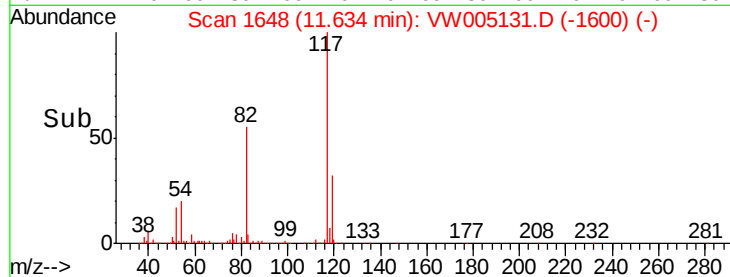
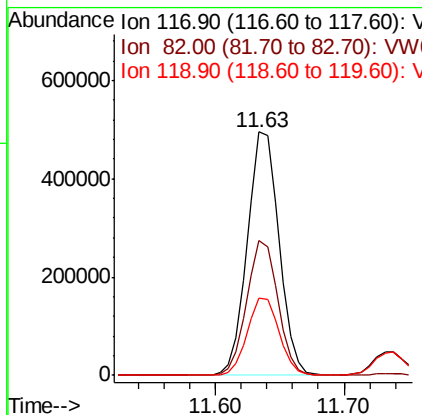
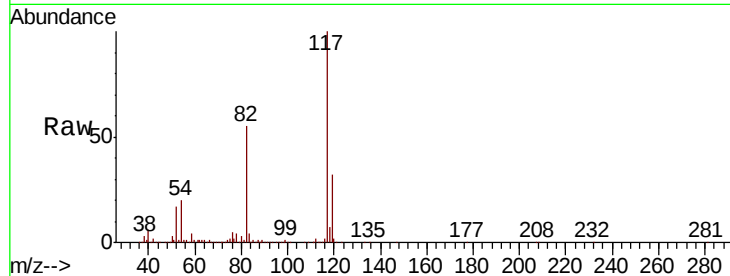
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	40.9	61.3
119	31.6	24.9	37.3

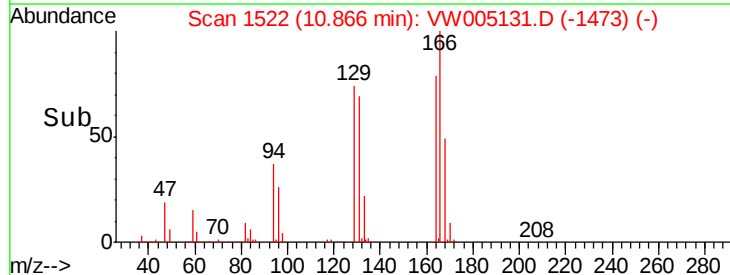
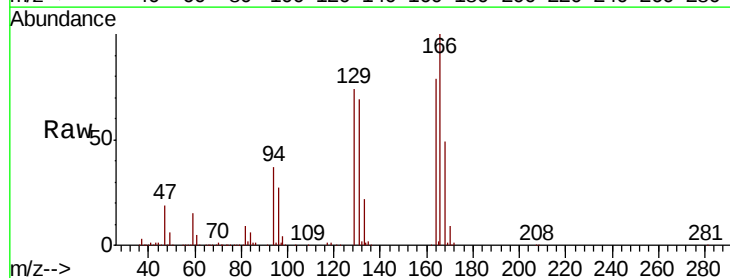
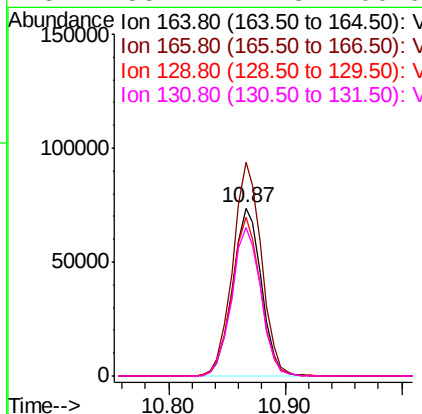
Manual Integrations
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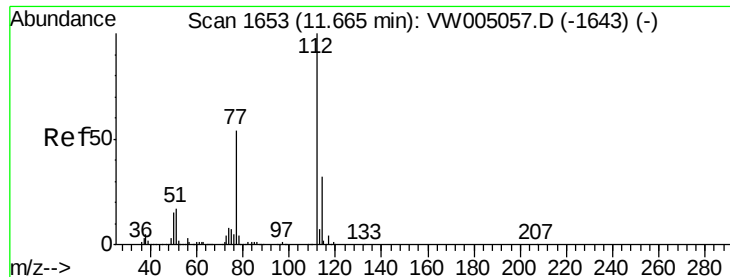
apatel
9/6/2018 12:02:37 PM



#64
Tetrachloroethene
Concen: 19.27 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	97.3	145.9
129	94.3	73.1	109.7
131	88.2	71.3	106.9





#65

Chlorobenzene

Concen: 20.86 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampled :

VW0905SBSD01

Tot Ion:112 Resp: 393685

Ion Ratio Lower Upper

112 100

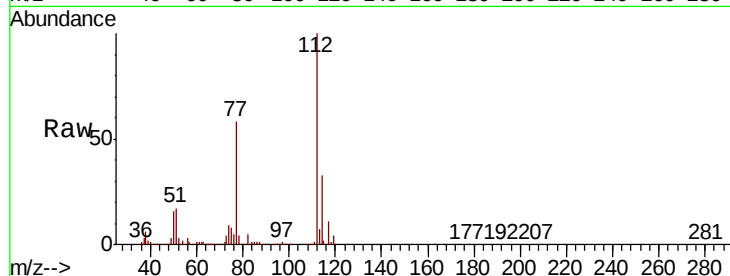
114 32.7 26.0 39.0

Manual Integrations

APPROVED

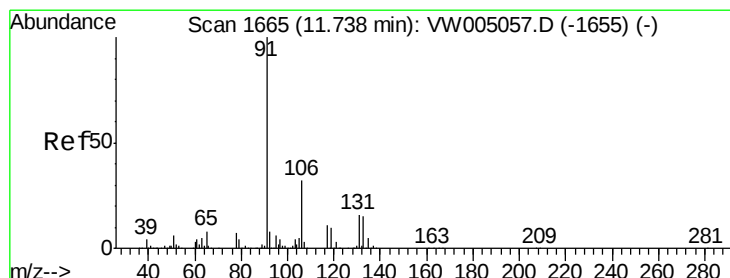
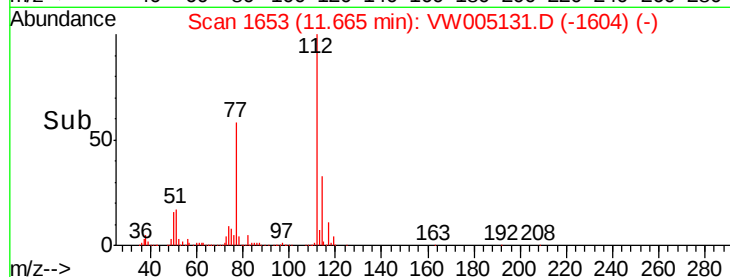
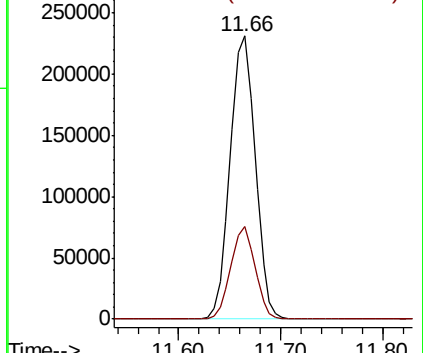
apatel

9/6/2018 12:02:37 PM



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: 20.63 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

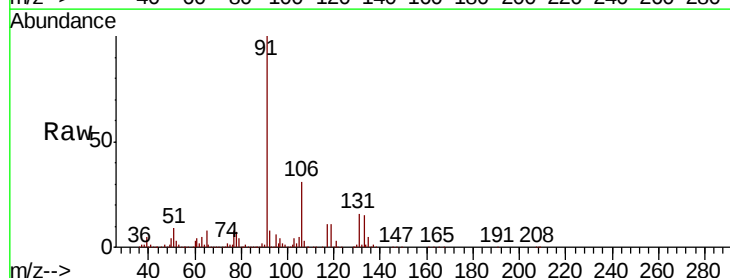
Tgt Ion:131 Resp: 119016

Ion Ratio Lower Upper

131 100

133 96.3 47.4 142.3

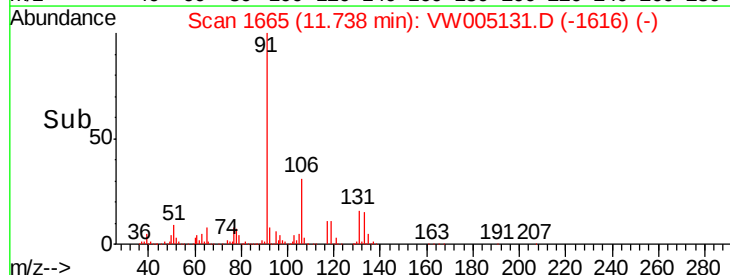
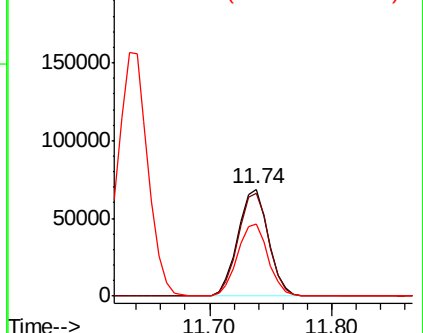
119 68.2 33.4 100.1

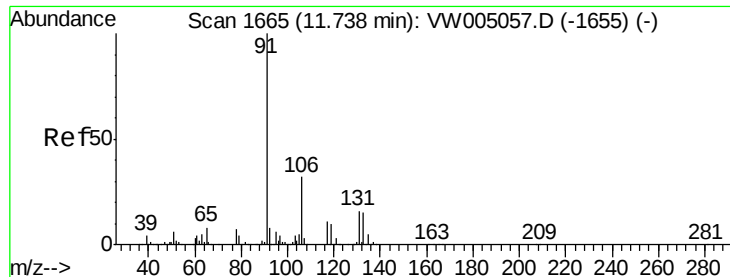


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





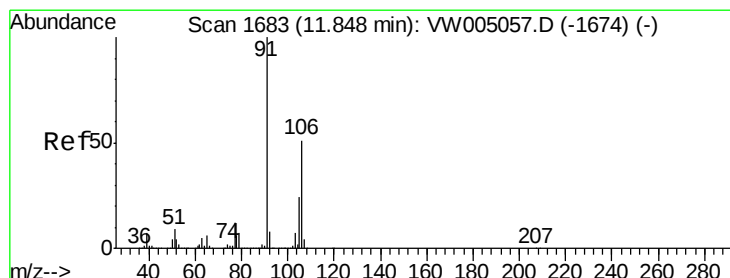
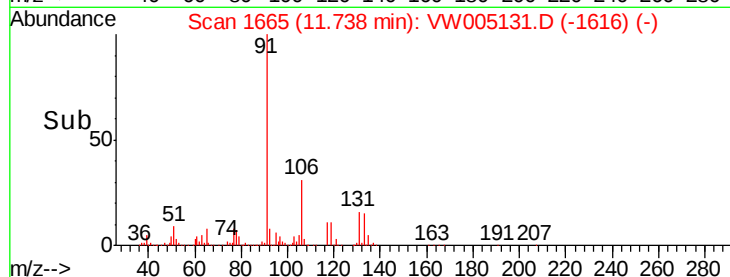
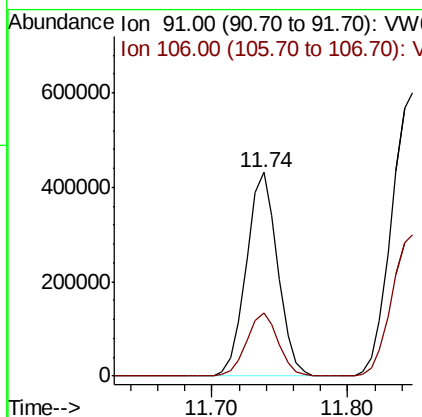
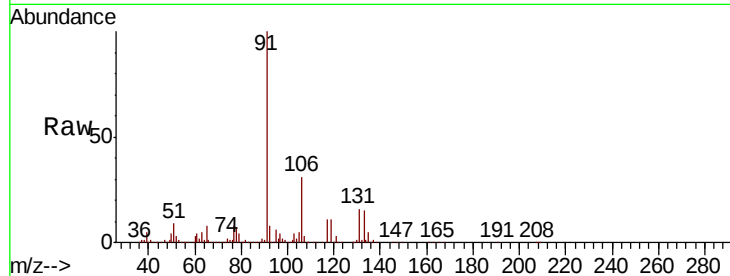
#67
Ethyl Benzene
Concen: 21.82 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampled :
VW0905SBSD01

Tot Ion: 91 Resp: 696169
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

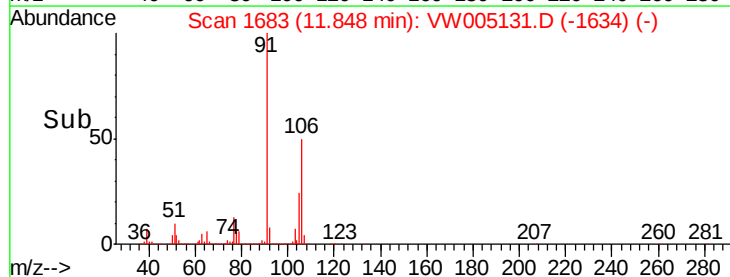
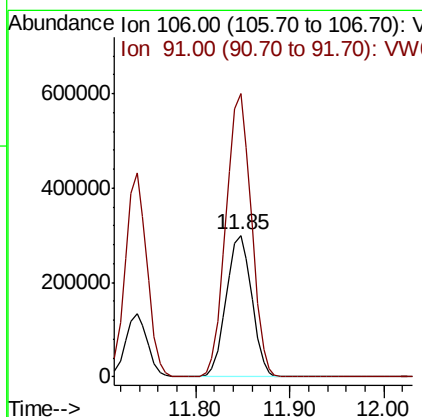
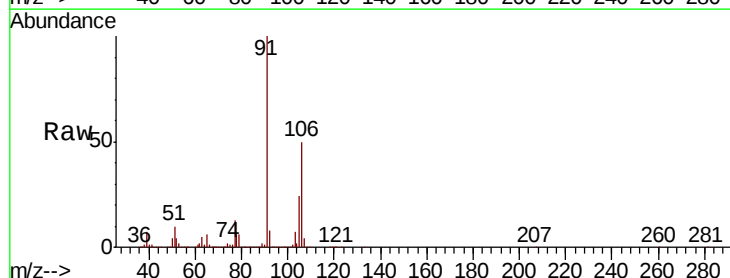
Manual Integrations
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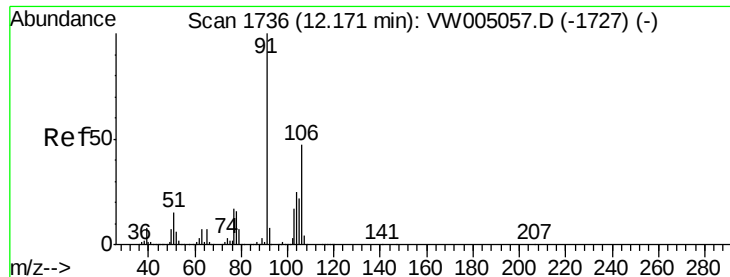
apatel
9/6/2018 12:02:37 PM



#68
m/p-Xylenes
Concen: 44.23 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 106 Resp: 565123
Ion Ratio Lower Upper
106 100
91 198.3 158.4 237.6





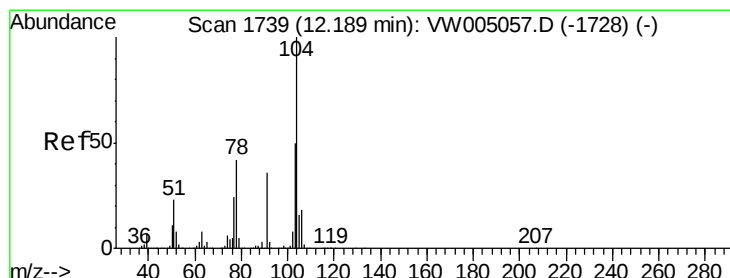
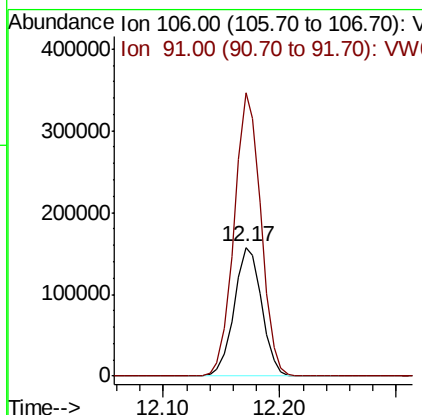
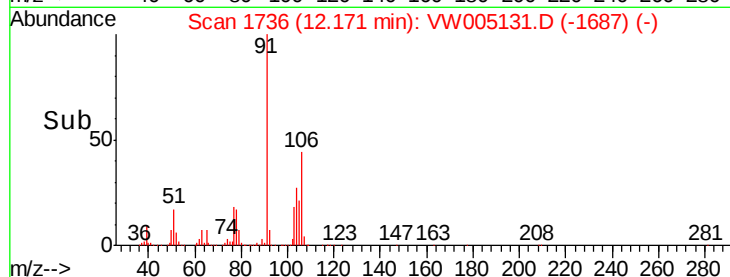
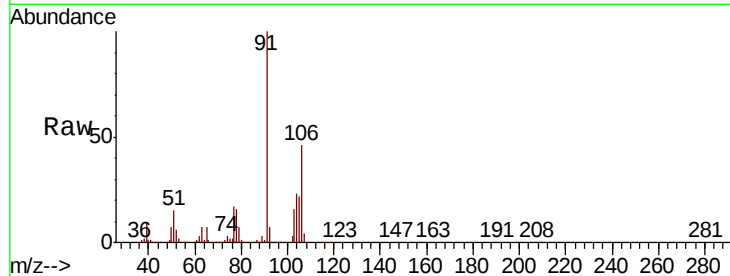
#69
o-Xylene
Concen: 21.92 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		258934		
91	213.4	105.6	316.8		

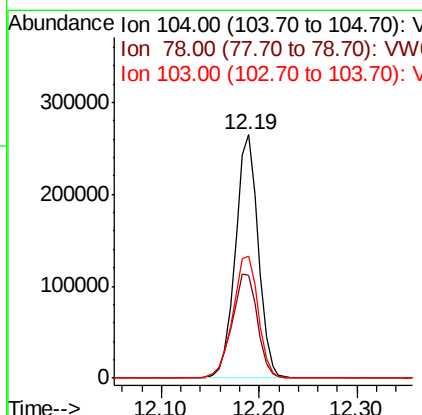
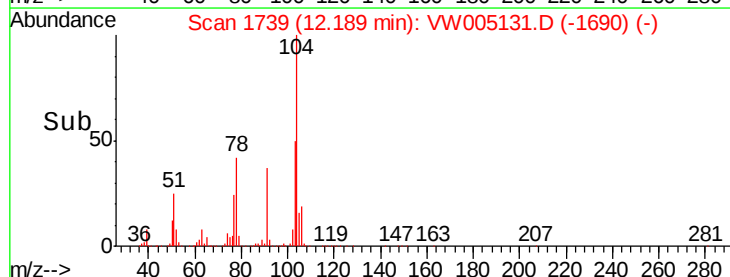
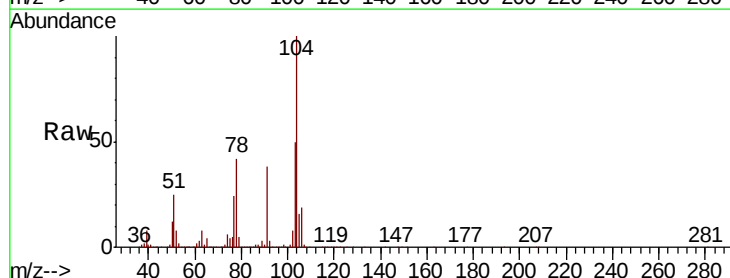
Manual Integrations
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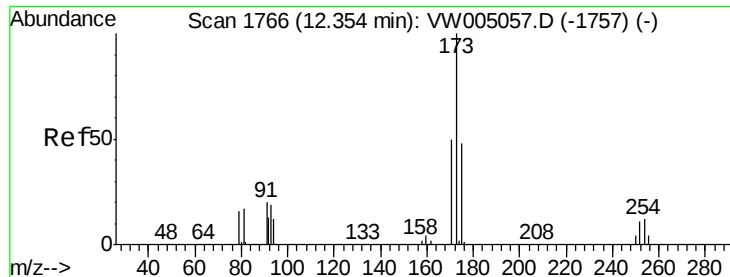
apatel
9/6/2018 12:02:37 PM



#70
Styrene
Concen: 21.93 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		427833		
78	47.8	37.8	56.6		
103	55.5	44.1	66.1		





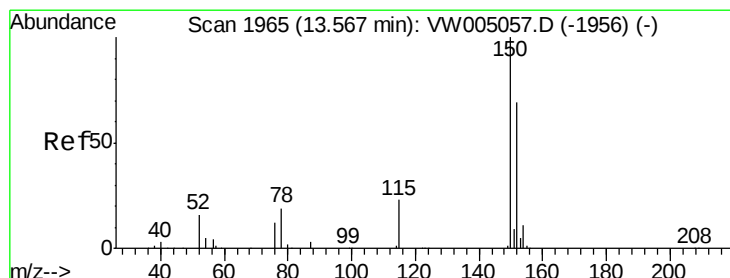
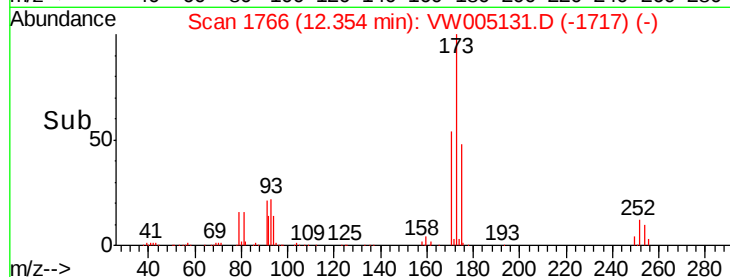
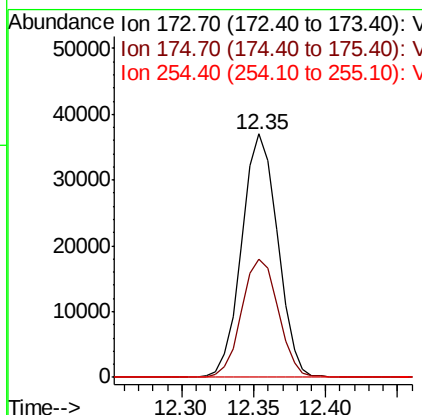
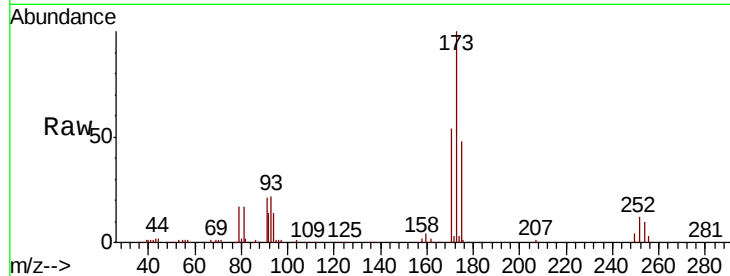
#71
Bromoform
Concen: 20.90 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.1	72.2
254	0.0	0.2	0.2

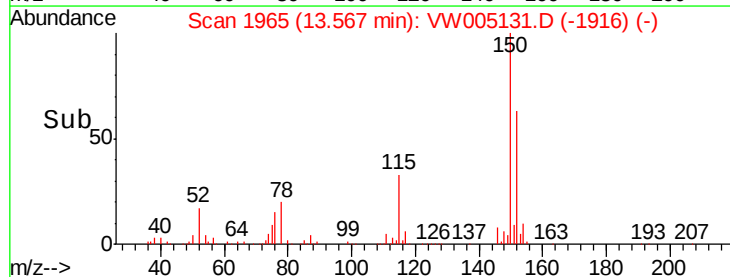
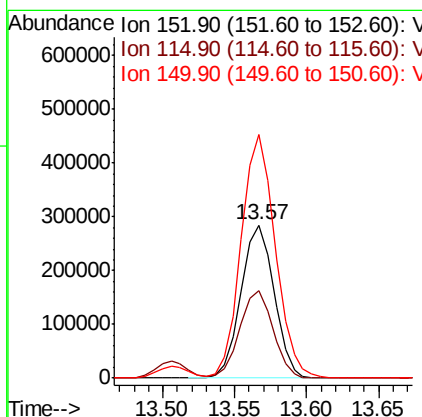
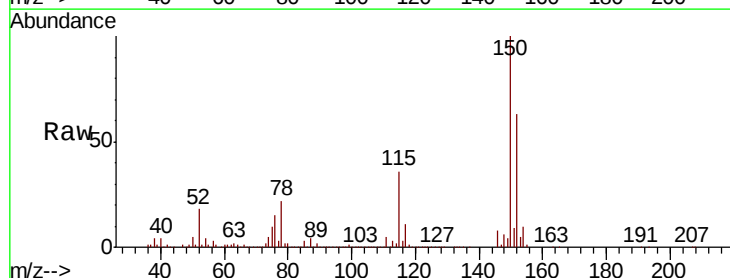
Manual Integrations
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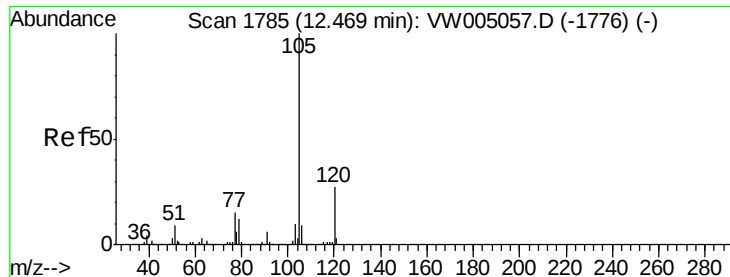
apatel
9/6/2018 12:02:37 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.8	83.4
150	164.2	0.0	351.4





#73

Isopropylbenzene

Concen: 21.80 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampled :

VW0905SBSD01

Tot Ion: 105 Resp: 696746

Ion Ratio Lower Upper

105 100

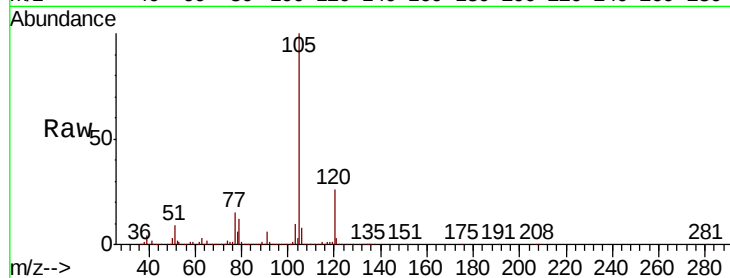
120 26.6 13.4 40.1

Manual Integrations

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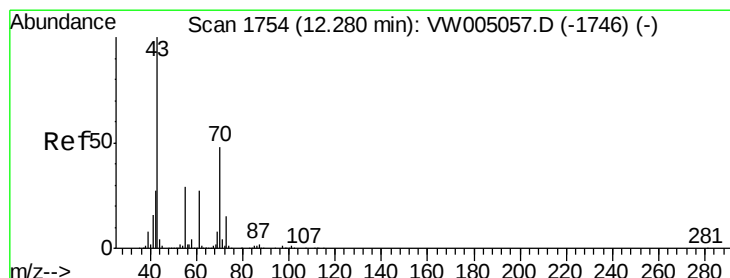
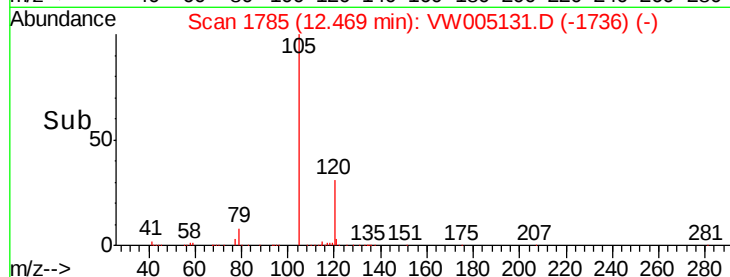
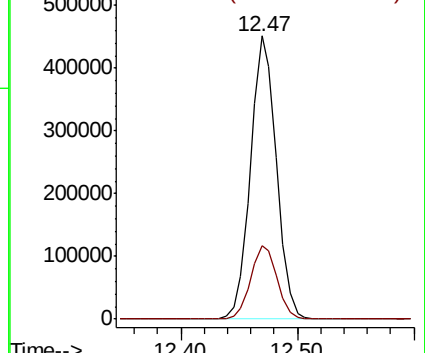
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 25.22 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion: 43 Resp: 138765

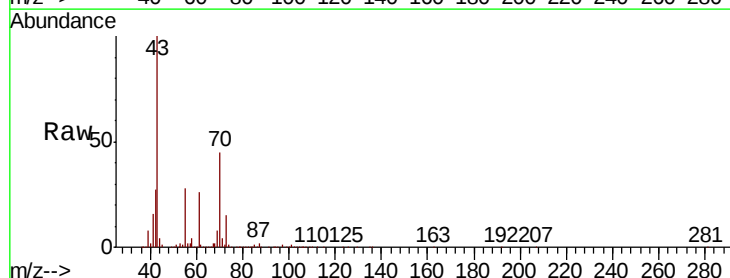
Ion Ratio Lower Upper

43 100

70 44.8 38.2 57.4

55 27.8 23.2 34.8

61 25.0 20.6 31.0

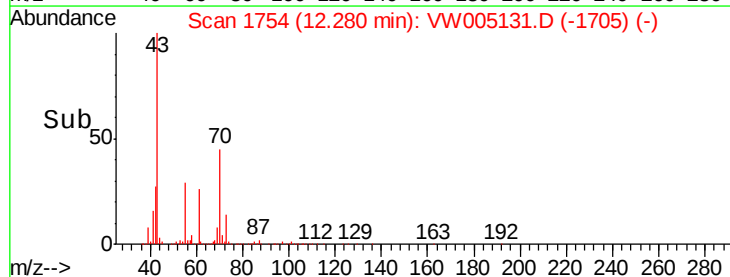
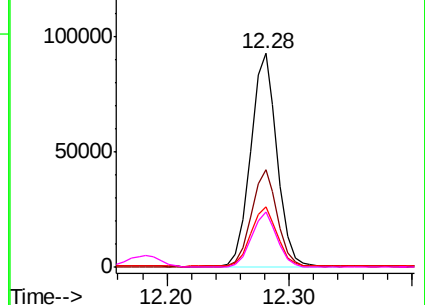


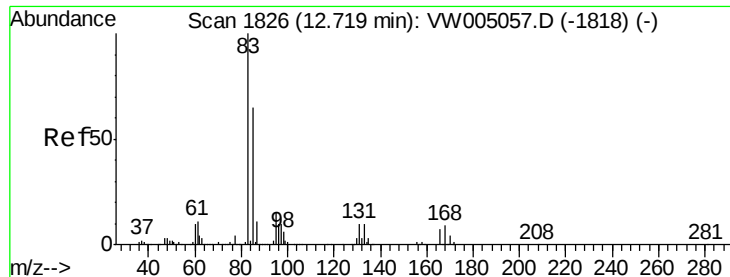
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





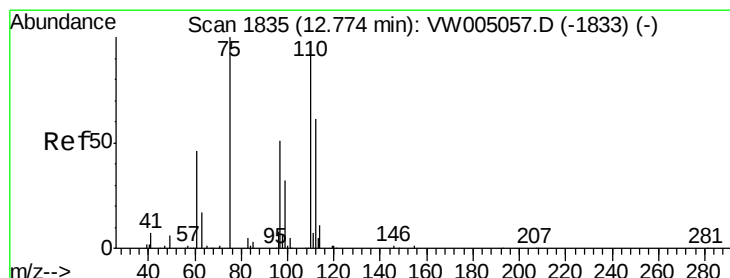
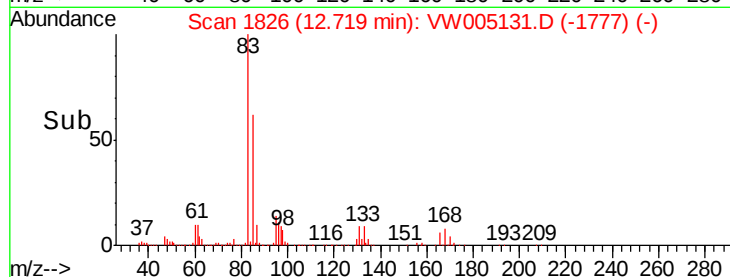
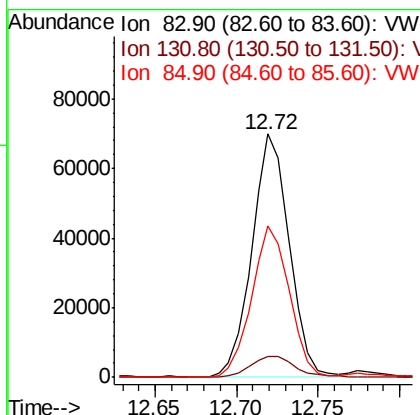
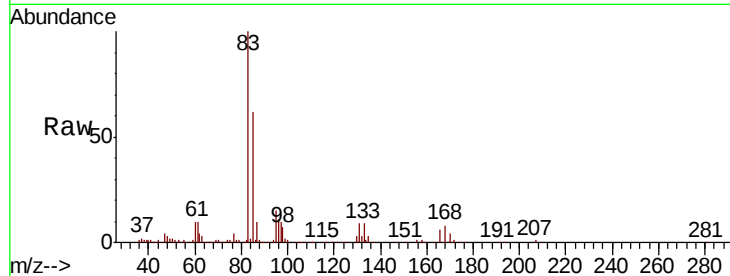
#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.77 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	110753		
131	10.6	5.5	16.4	
85	63.5	32.5	97.4	

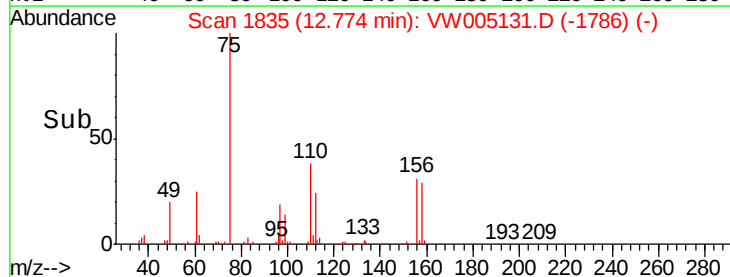
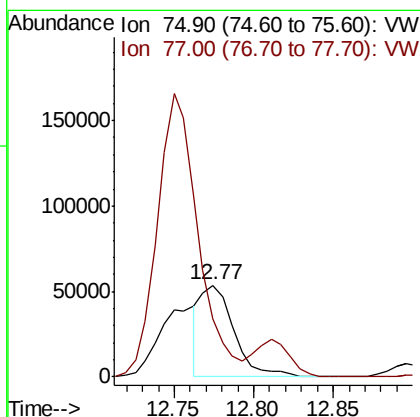
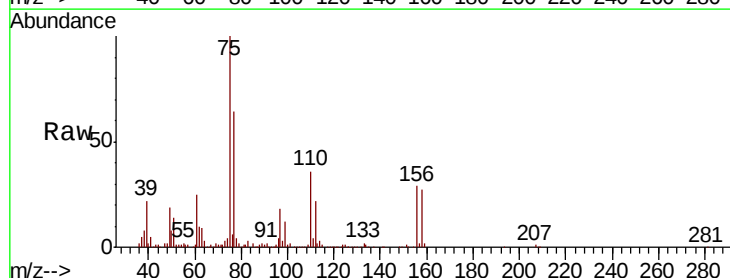
Manual Integrations
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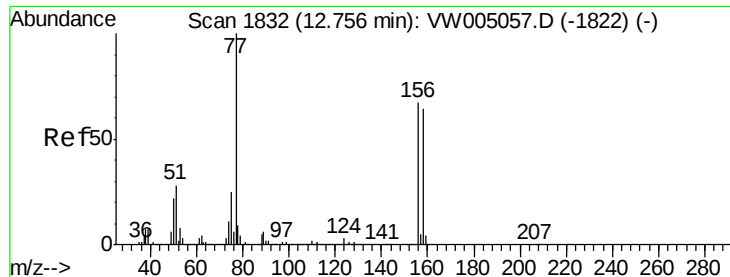
apatel
 9/6/2018 12:02:37 PM



#76
 1,2,3-Trichloropropane
 Concen: 22.95 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78078		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 20.75 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

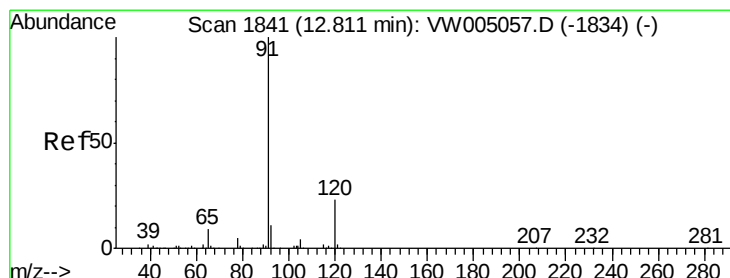
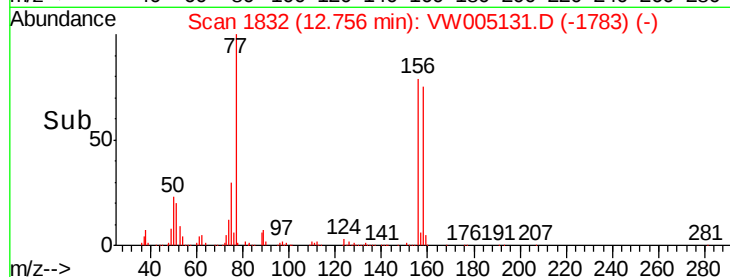
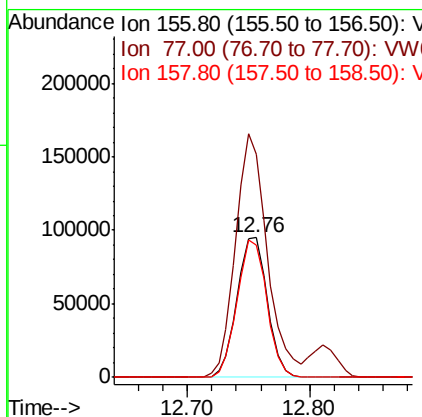
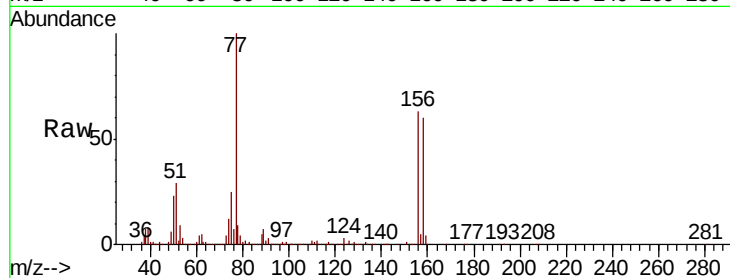
ClientSampled :

VW0905SBSD01

Tot Ion:	156	Resp:	163401
Ion Ratio	Lower	Upper	
156	100		
77	181.6	85.8	257.4
158	96.0	48.1	144.4

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#78

n-propylbenzene

Concen: 22.65 ug/l

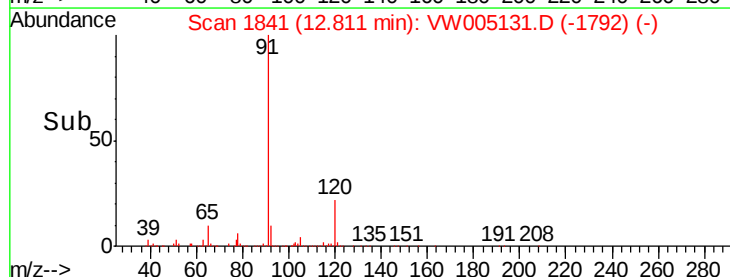
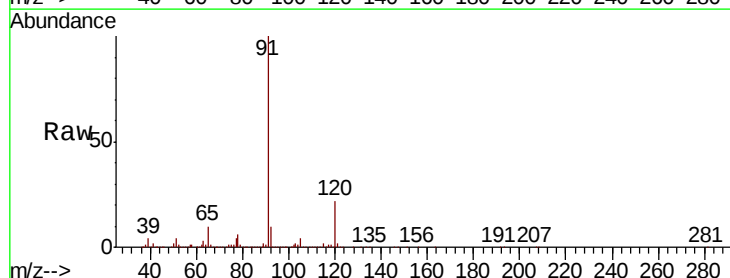
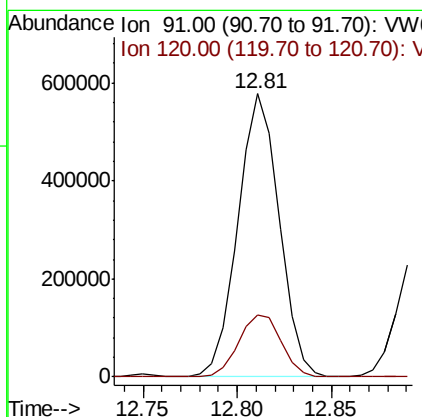
RT: 12.81 min Scan# 1841

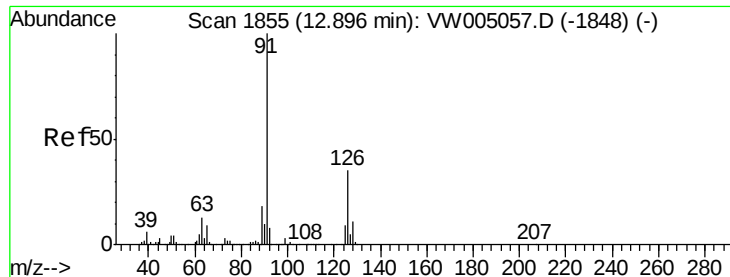
Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion:	91	Resp:	873728
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.8	35.3





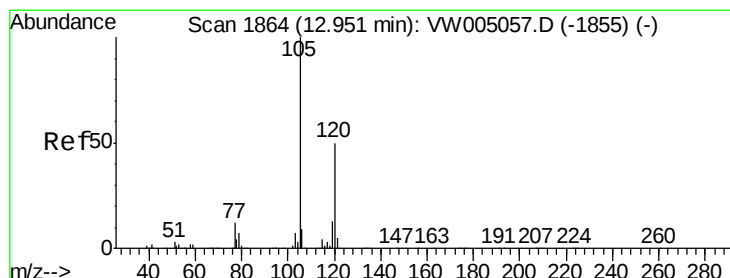
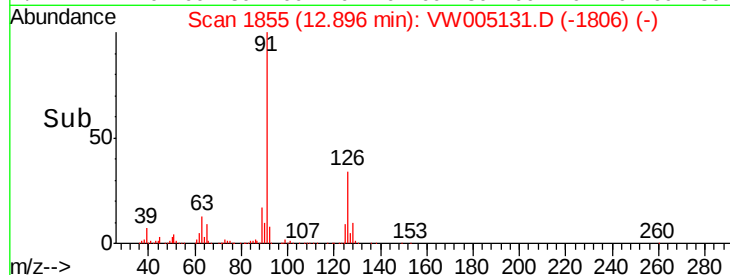
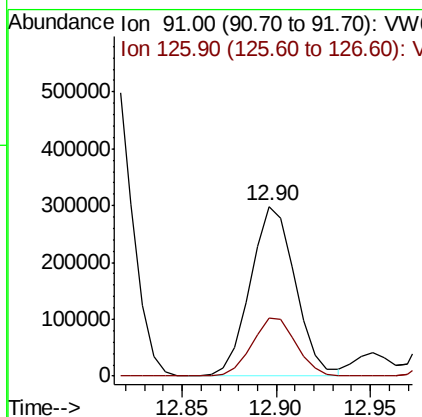
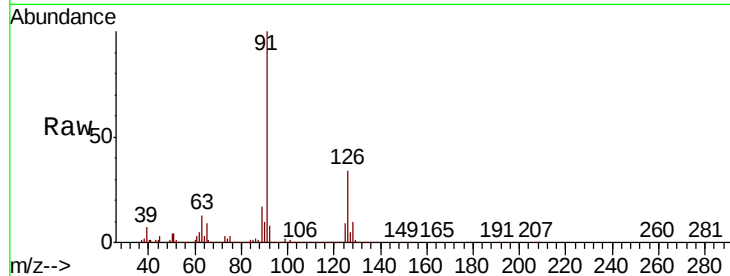
#79
2-Chlorotoluene
Concen: 21.87 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion: 91 Resp: 492246
Ion Ratio Lower Upper
91 100
126 33.9 17.3 52.0

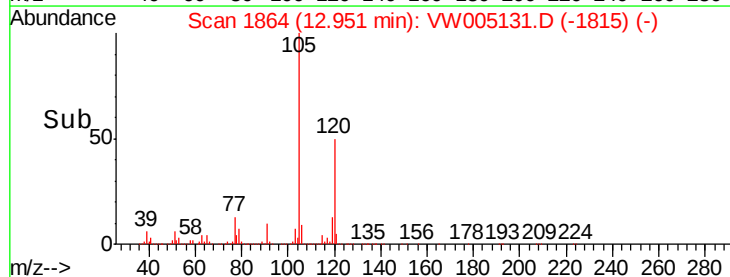
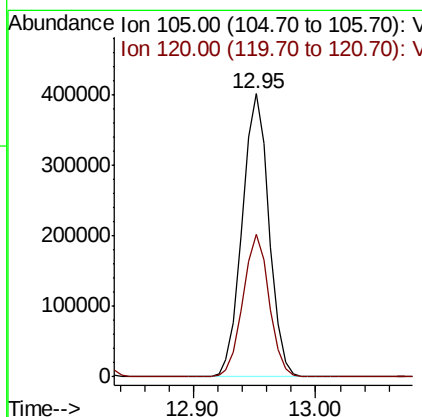
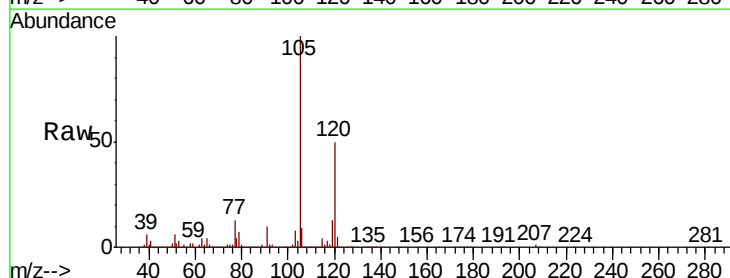
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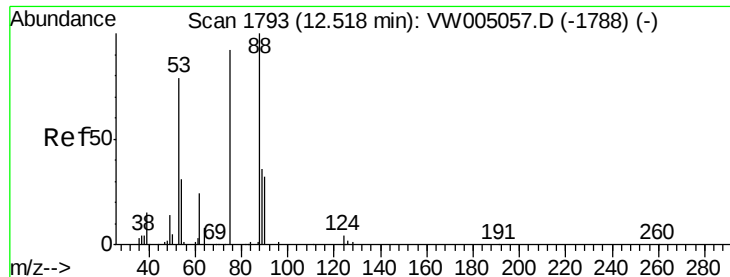
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 22.01 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 105 Resp: 608197
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.8





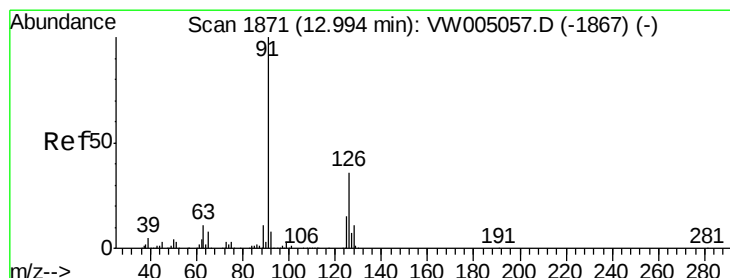
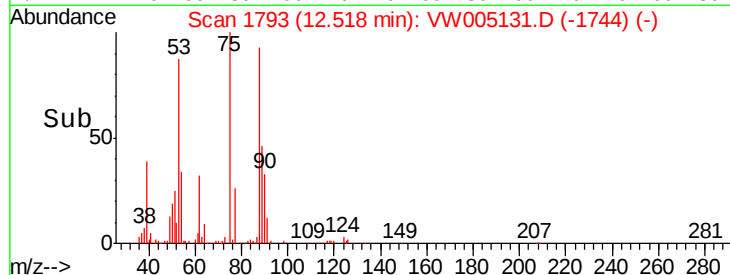
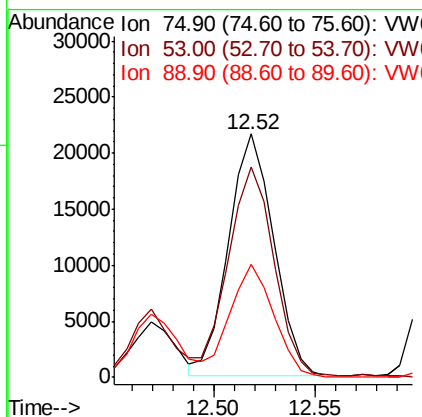
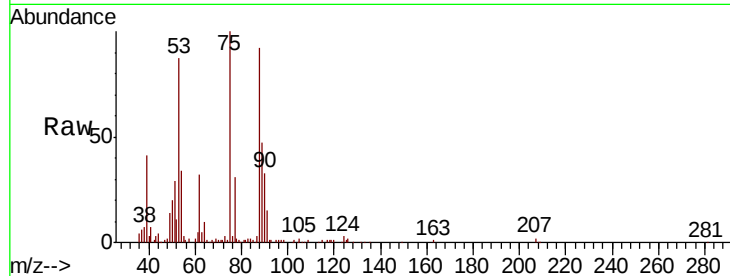
#81
trans-1,4-Dichloro-2-butene
Concen: 23.54 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.3	69.8	104.8
89	45.4	36.0	54.0

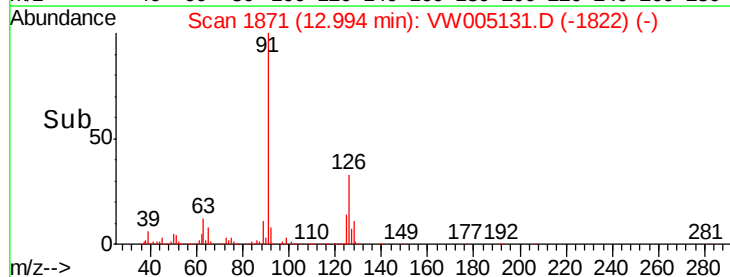
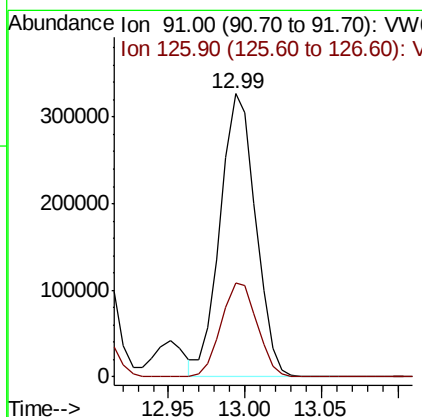
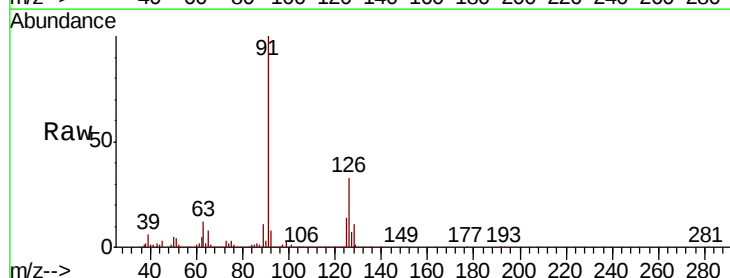
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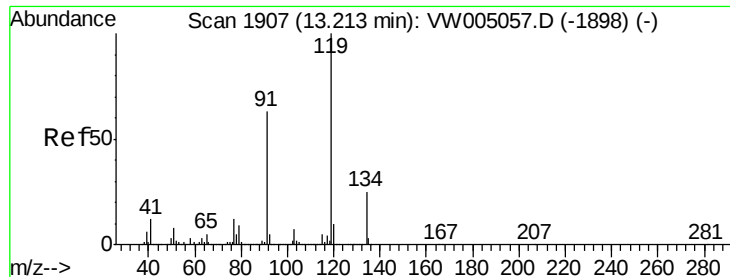
apatel
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#82
4-Chlorotoluene
Concen: 22.14 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.4	52.3





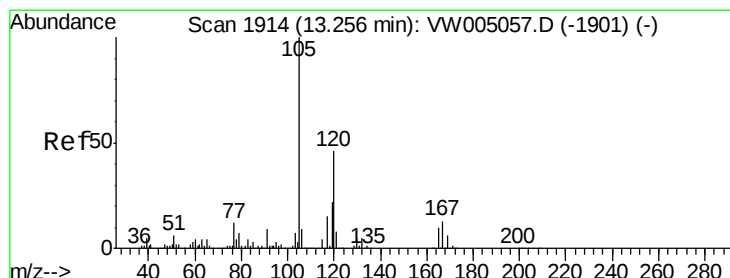
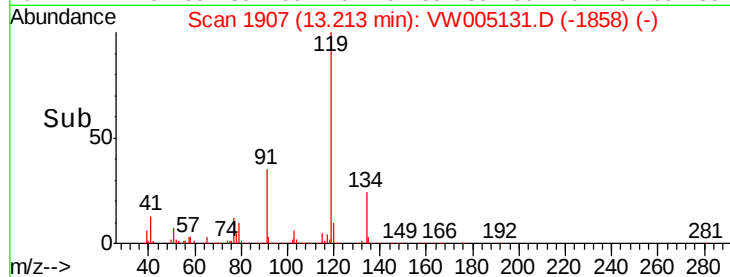
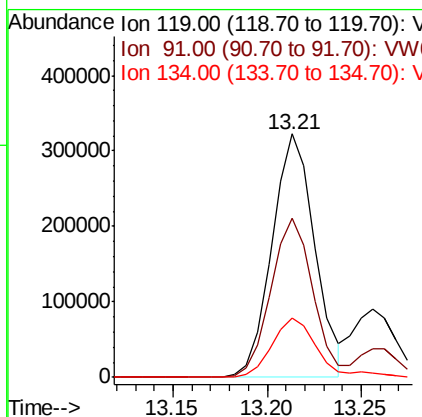
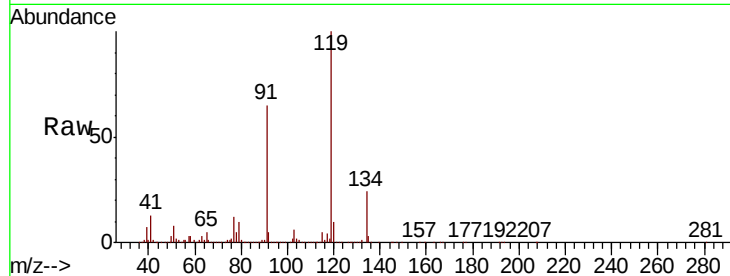
#83
tert-Butylbenzene
Concen: 21.96 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampled :
VW0905SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	506680		
91	64.9	31.8	95.4	
134	26.3	13.0	39.0	

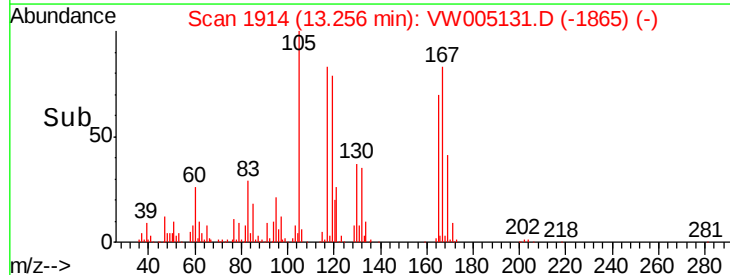
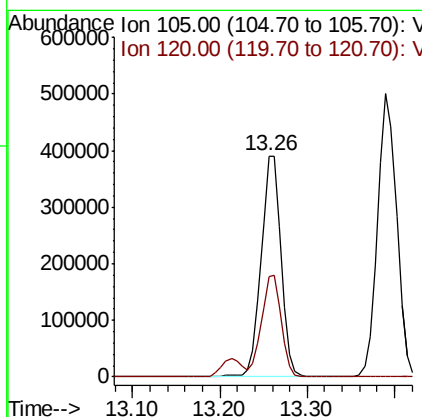
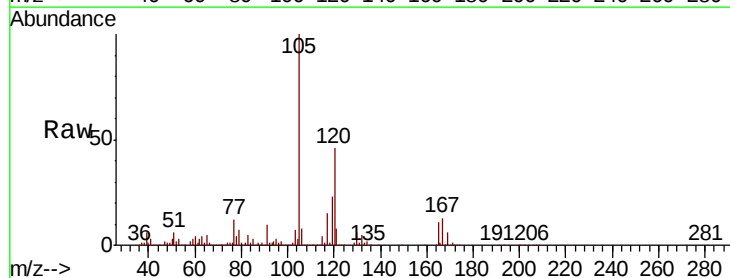
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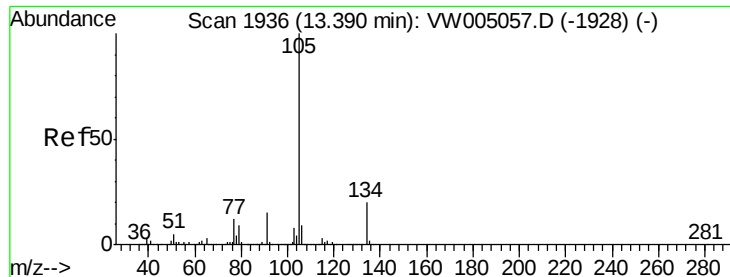
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#84
1,2,4-Trimethylbenzene
Concen: 22.06 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	620863		
120	45.4	23.1	69.3	





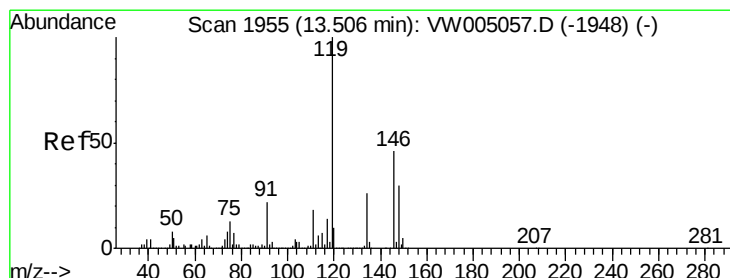
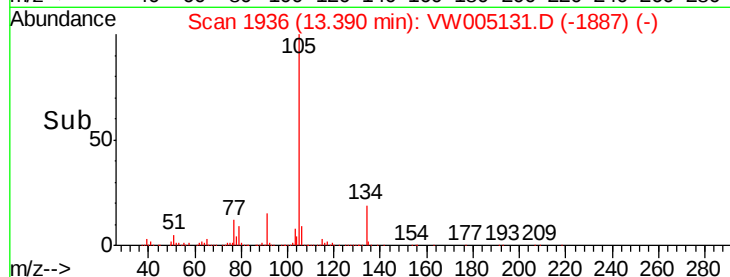
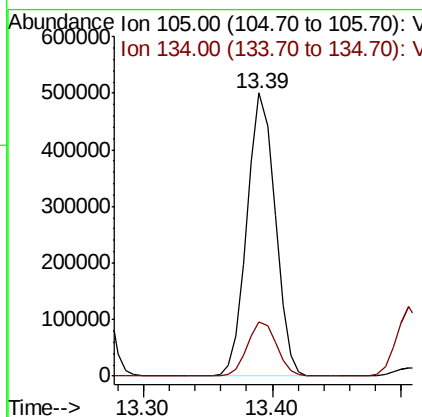
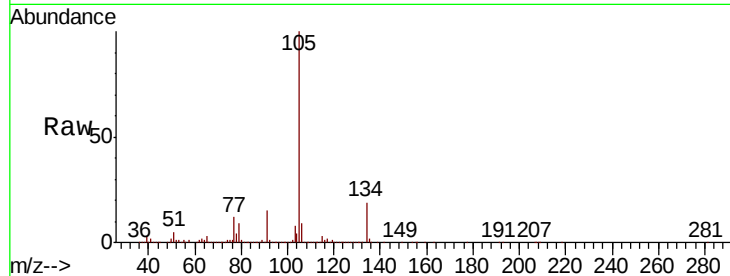
#85
 sec-Butylbenzene
 Concen: 22.34 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.3

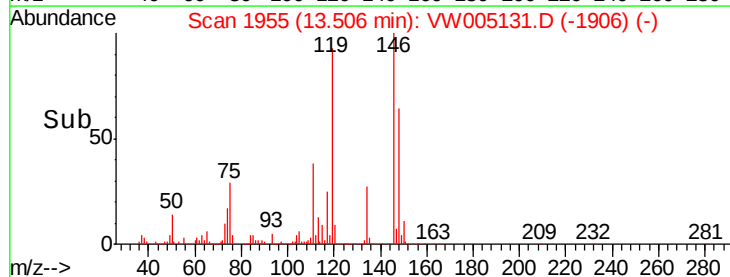
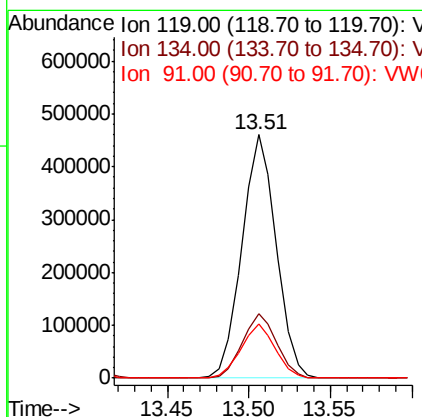
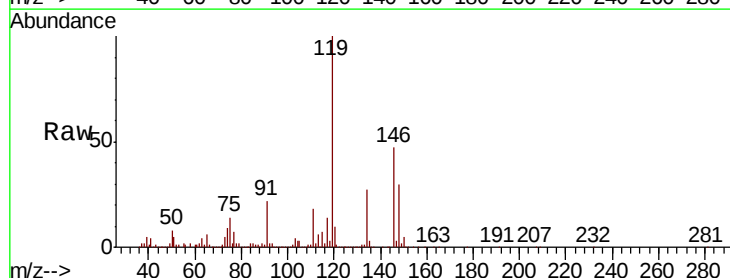
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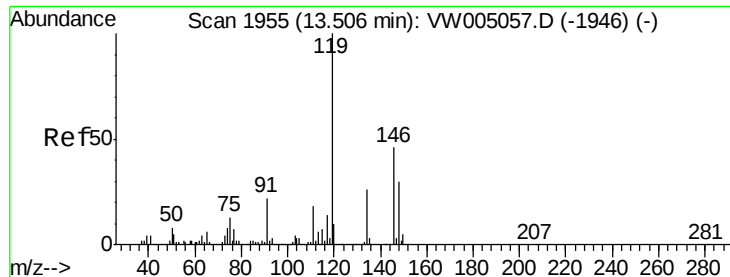
apatel
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#86
 p-Isopropyltoluene
 Concen: 22.40 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.8
91	22.4	10.9	32.9





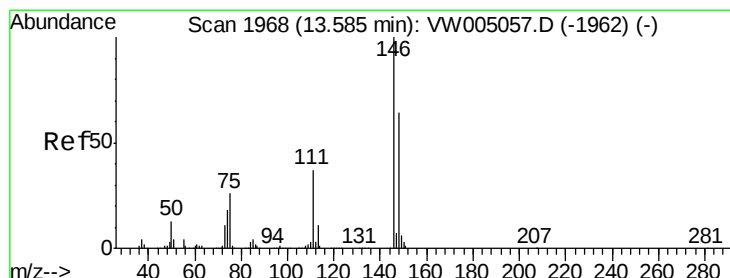
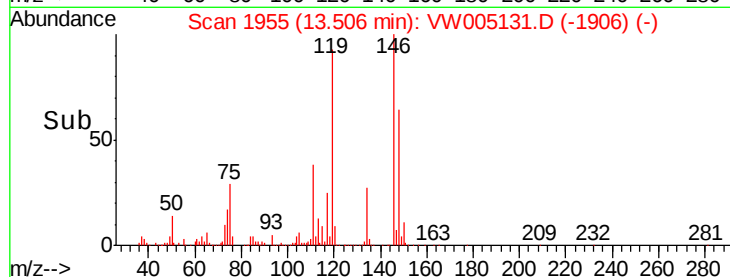
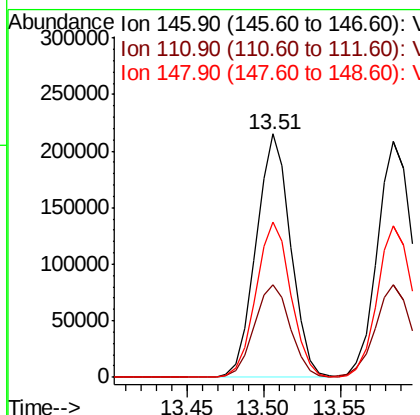
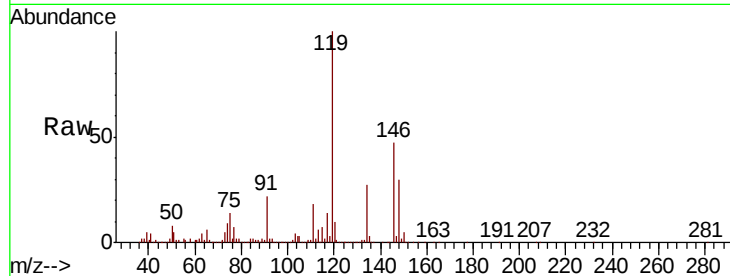
#87
 1,3-Dichlorobenzene
 Concen: 20.97 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	339077		
111	39.3	19.2	57.6	
148	64.1	31.9	95.7	

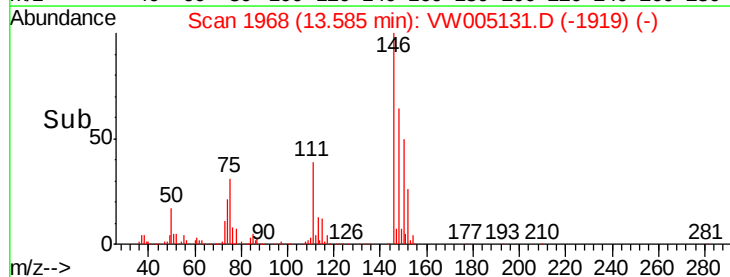
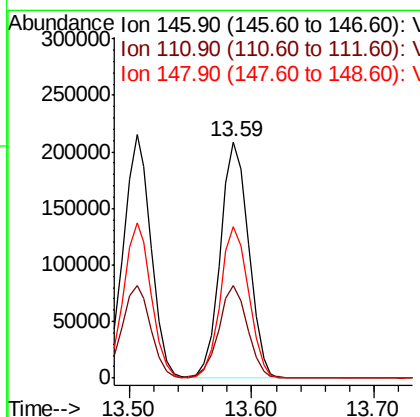
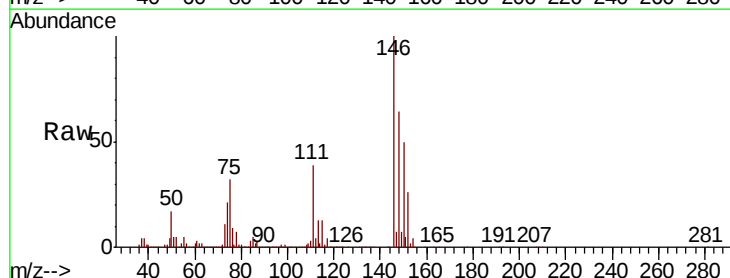
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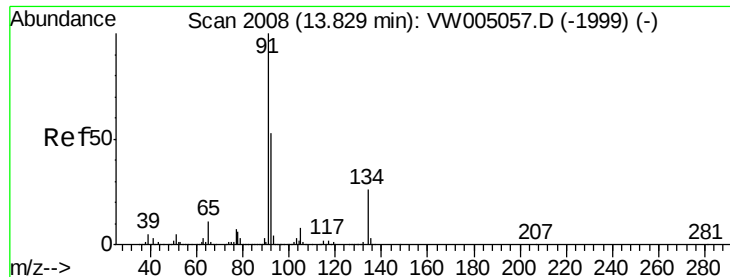
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#88
 1,4-Dichlorobenzene
 Concen: 20.84 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	334284		
111	39.8	18.6	56.0	
148	64.3	32.0	96.0	





#89

n-Butylbenzene

Concen: 22.95 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

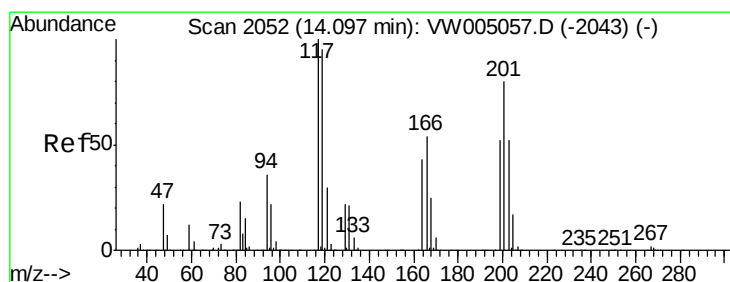
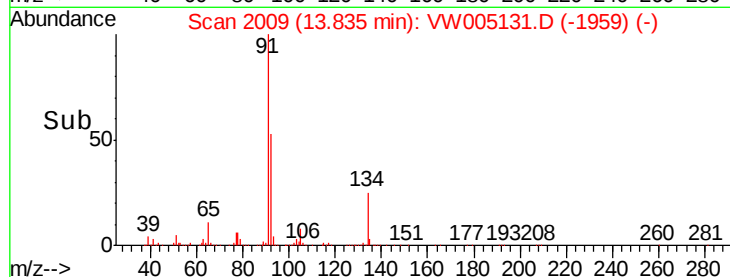
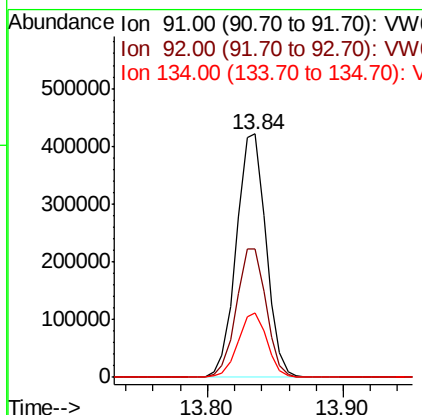
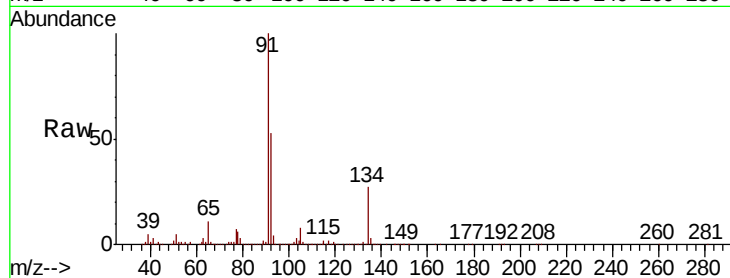
ClientSampleId :

VW0905SBS01

Tot Ion:	91	Resp:	638402
Ion Ratio	Lower	Upper	
91	100		
92	53.2	26.5	79.5
134	26.0	13.5	40.4

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#90

Hexachloroethane

Concen: 20.49 ug/l

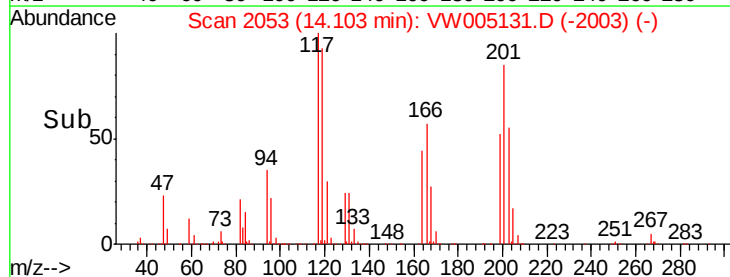
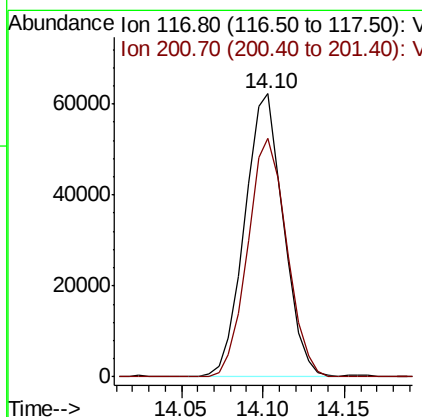
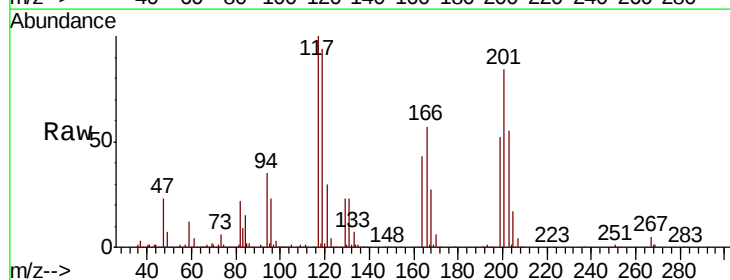
RT: 14.10 min Scan# 2053

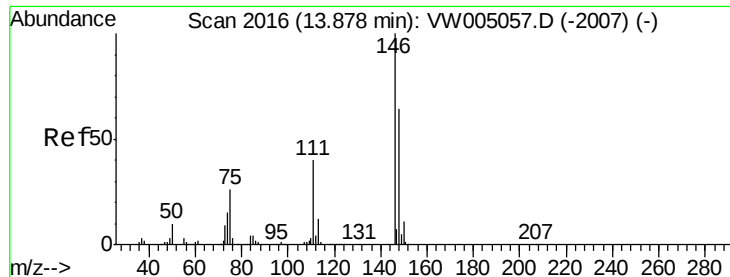
Delta R.T. 0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion:	117	Resp:	102176
Ion Ratio	Lower	Upper	
117	100		
201	85.6	44.6	133.8





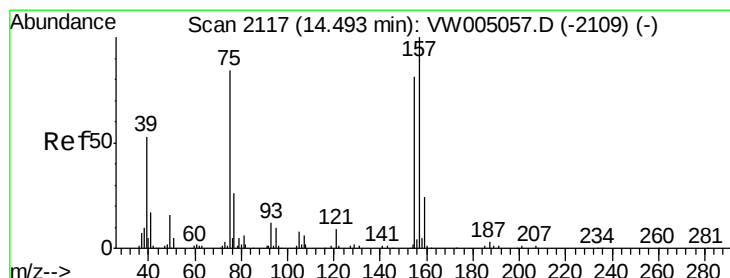
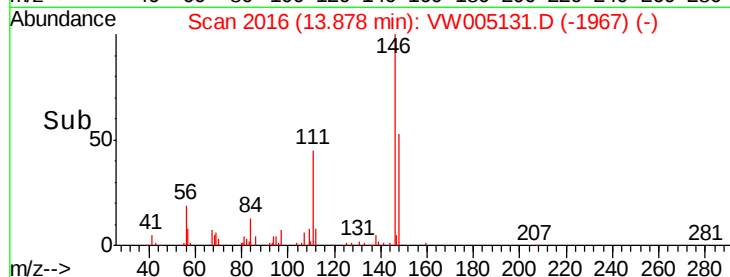
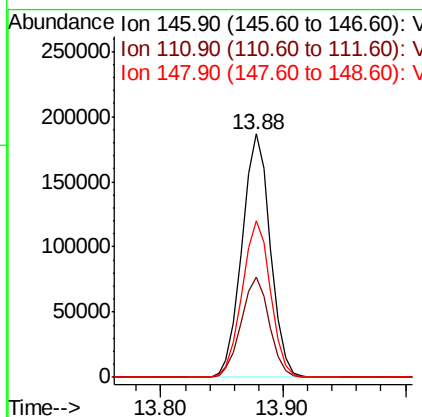
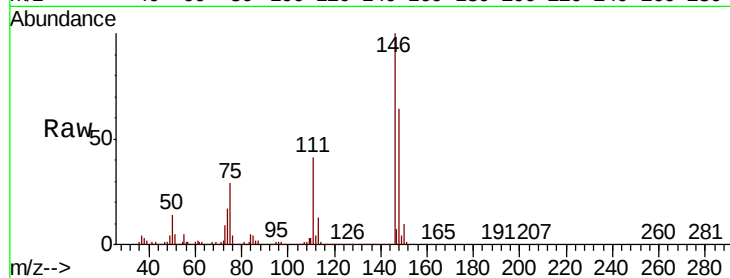
#91
 1,2-Dichlorobenzene
 Concen: 21.23 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.9	59.7
148	64.4	31.9	95.9

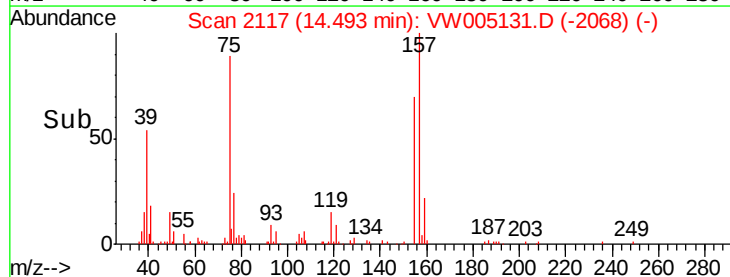
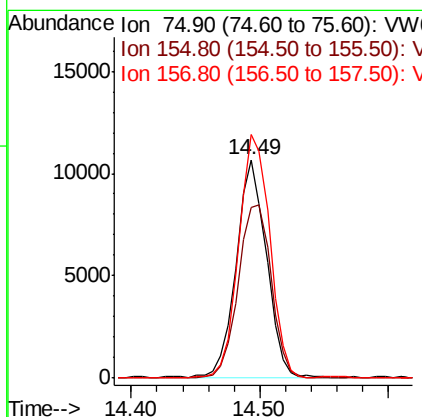
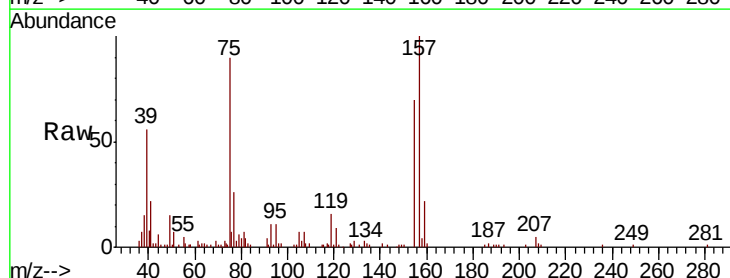
Manual Integrations
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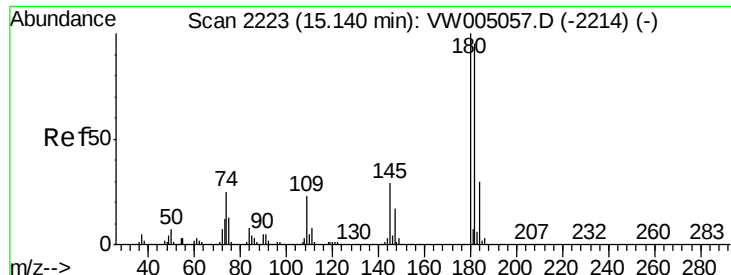
apatel
 9/6/2018 12:02:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.85 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	46.0	137.8
157	114.2	58.6	175.7





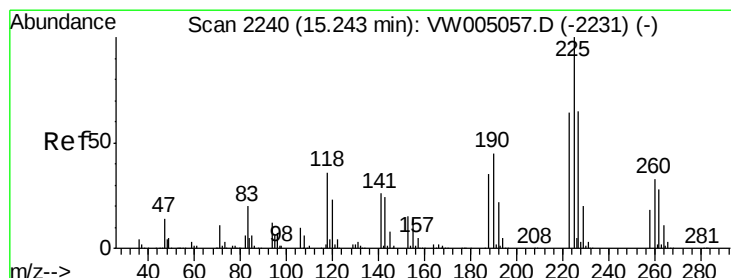
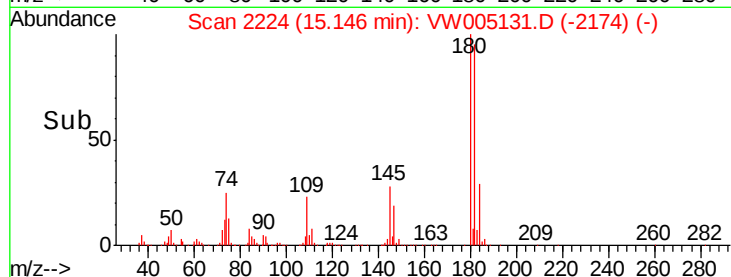
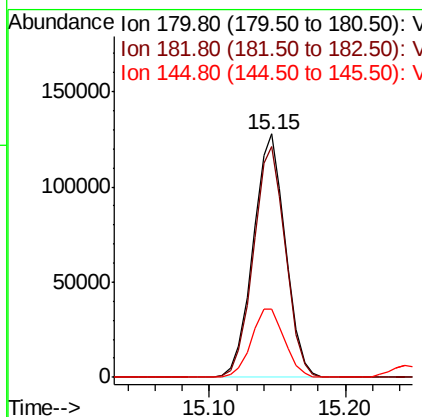
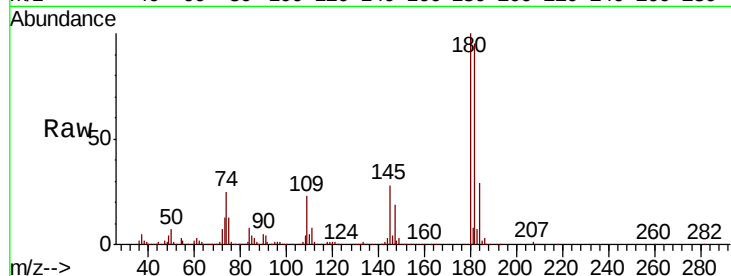
#93
 1,2,4-Trichlorobenzene
 Concen: 22.41 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	211793		
182	94.4	47.5	142.6	
145	28.9	14.4	43.2	

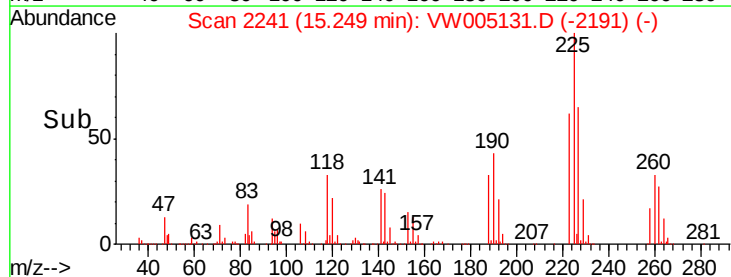
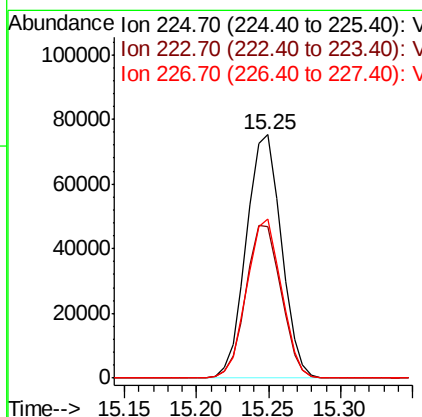
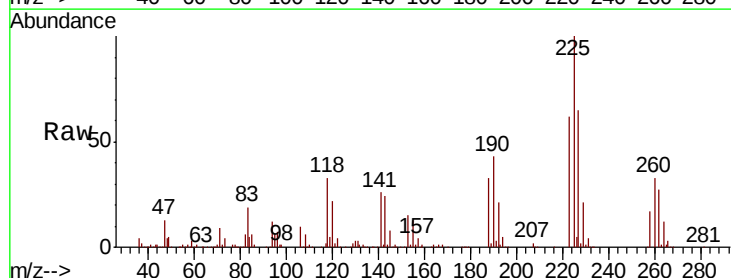
Manual Integrations
 APPROVED

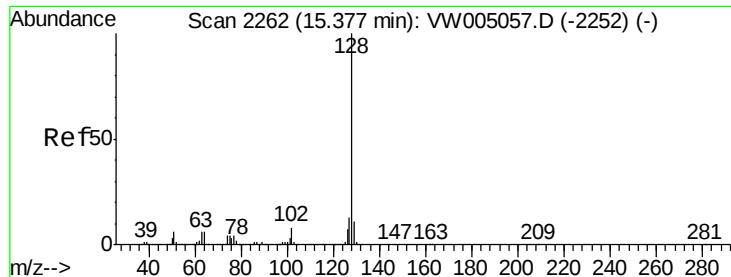
apatel
 9/6/2018 12:02:37 PM



#94
 Hexachlorobutadiene
 Concen: 21.59 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126909		
223	63.2	31.4	94.3	
227	64.7	32.0	96.0	





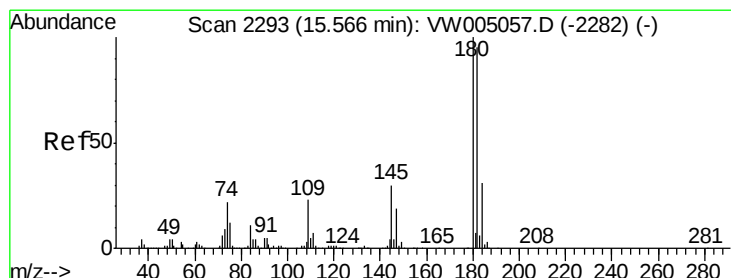
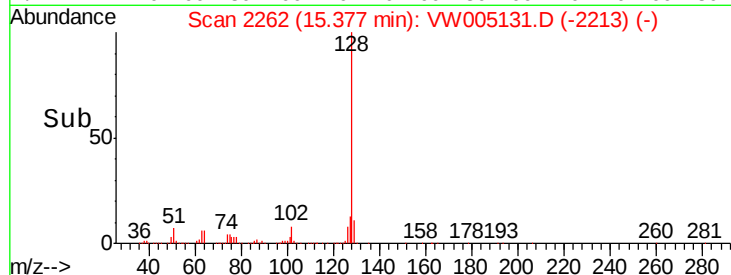
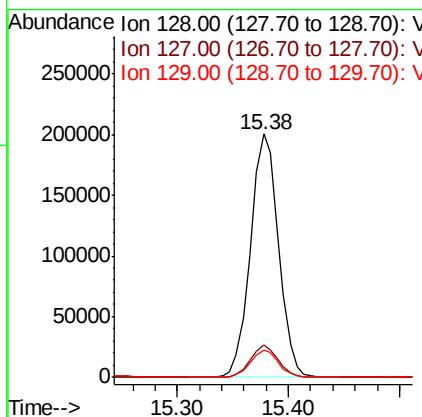
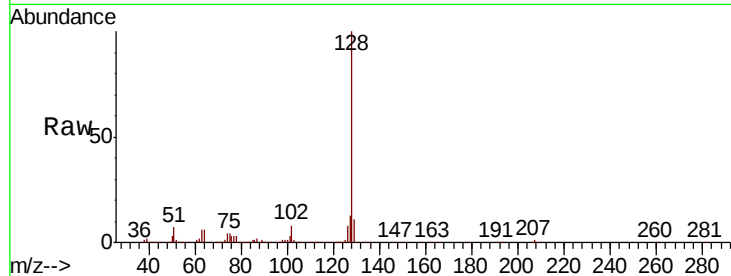
#95
Naphthalene
Concen: 23.80 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	351793		
127	13.0	10.4	15.6	
129	11.1	8.7	13.1	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 22.72 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	183766		
182	95.7	47.4	142.3	
145	31.0	15.4	46.1	

